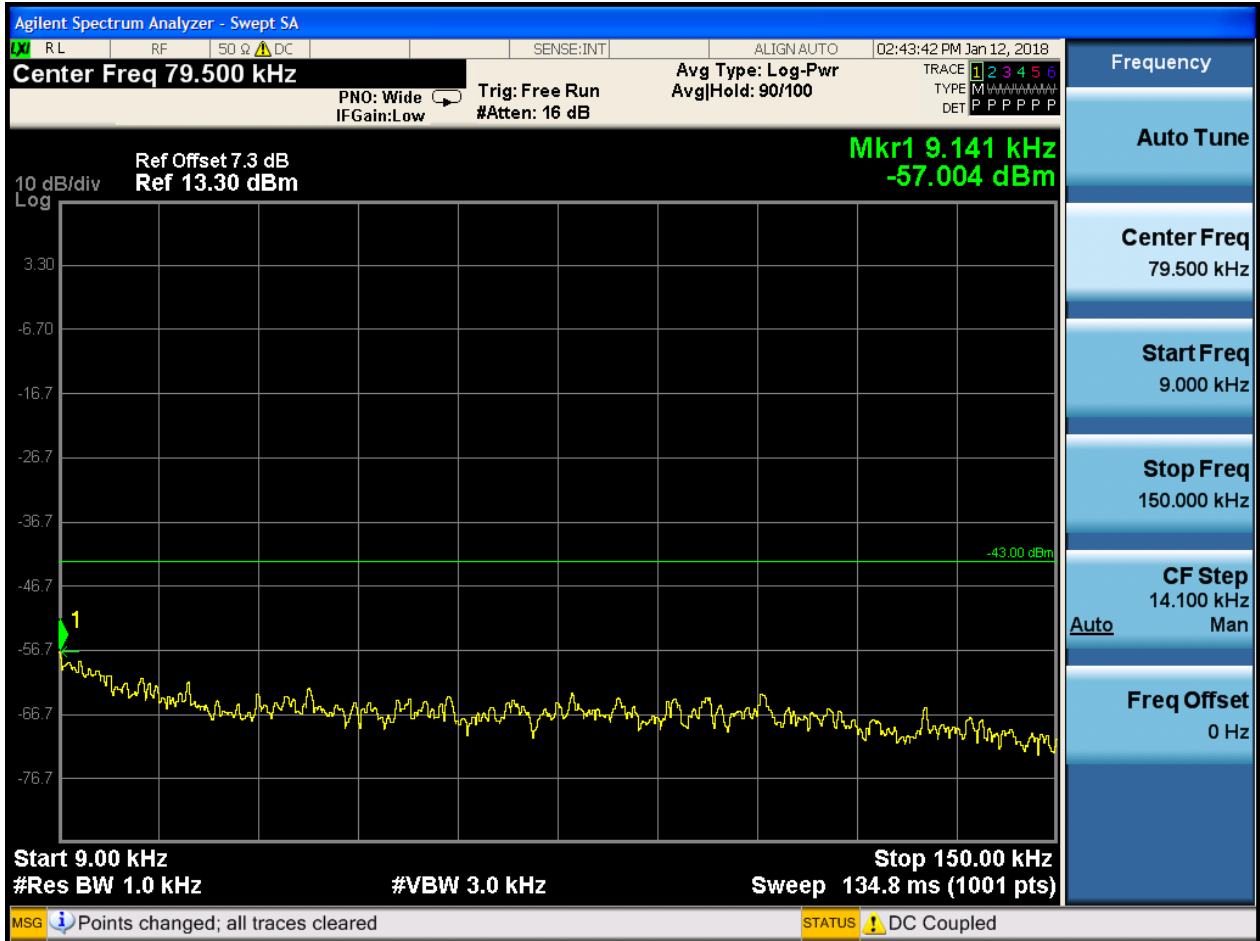
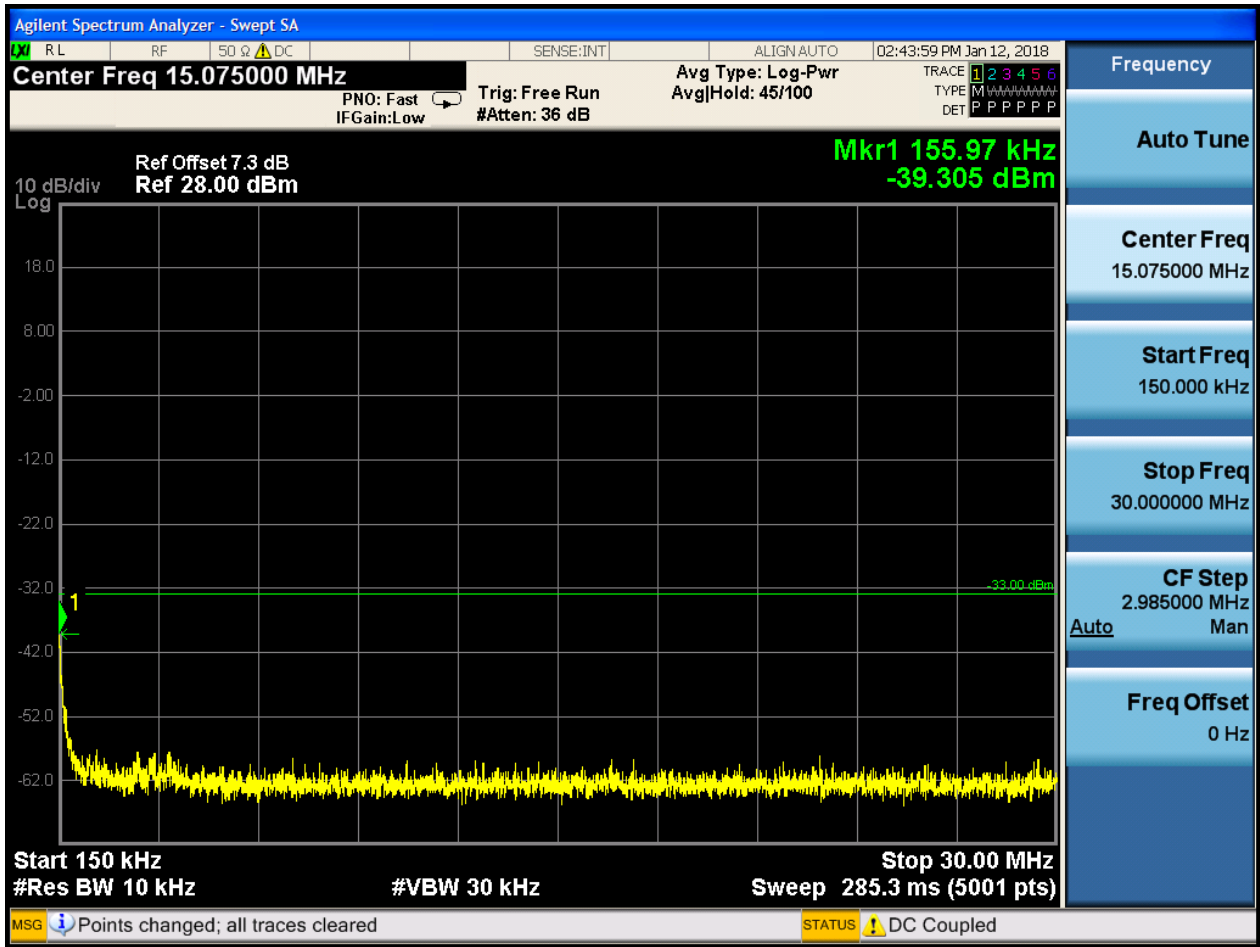


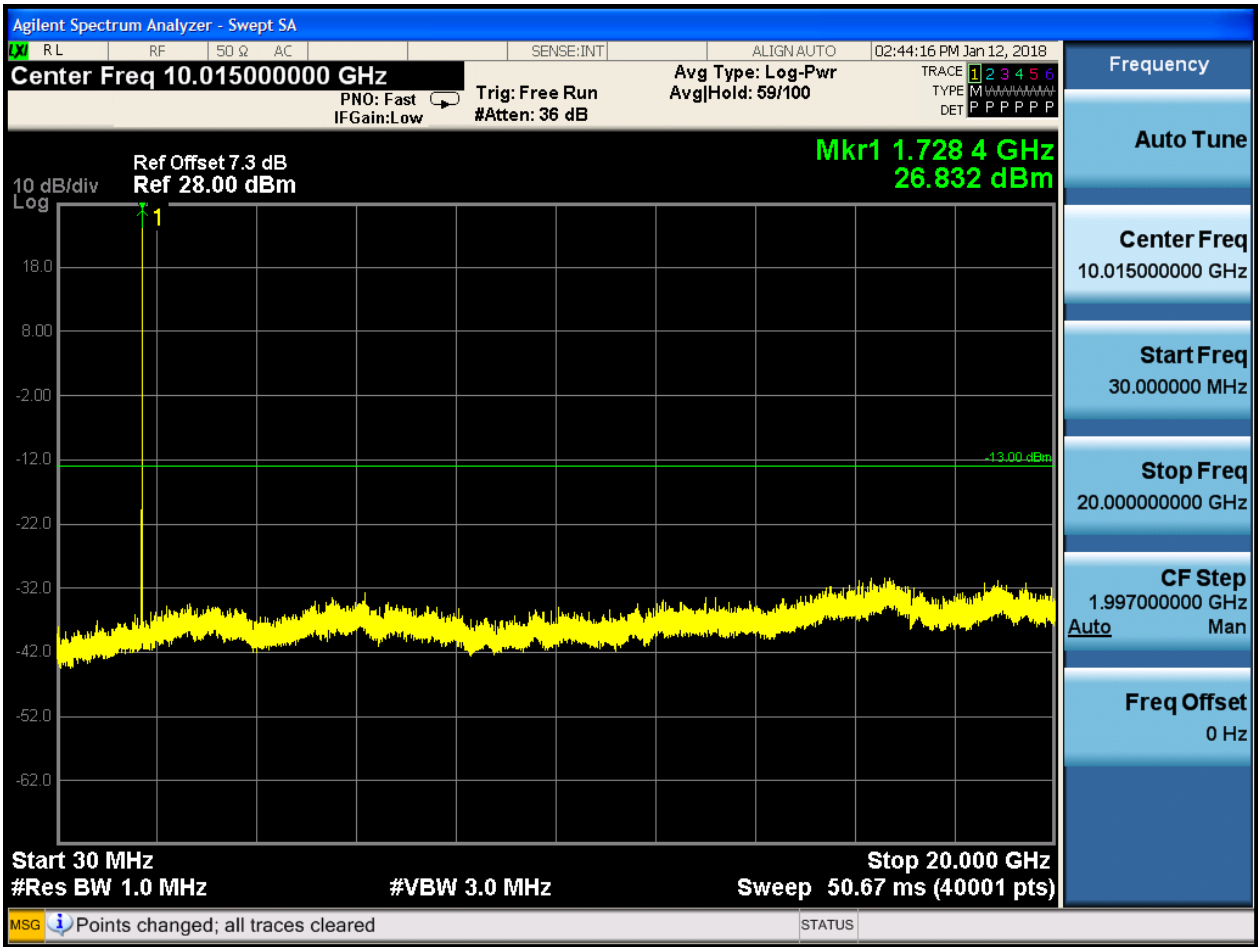


6.1.1.1.4.2 Test Channel = MCH

6.1.1.1.4.2.1 Test RB = RB1#0



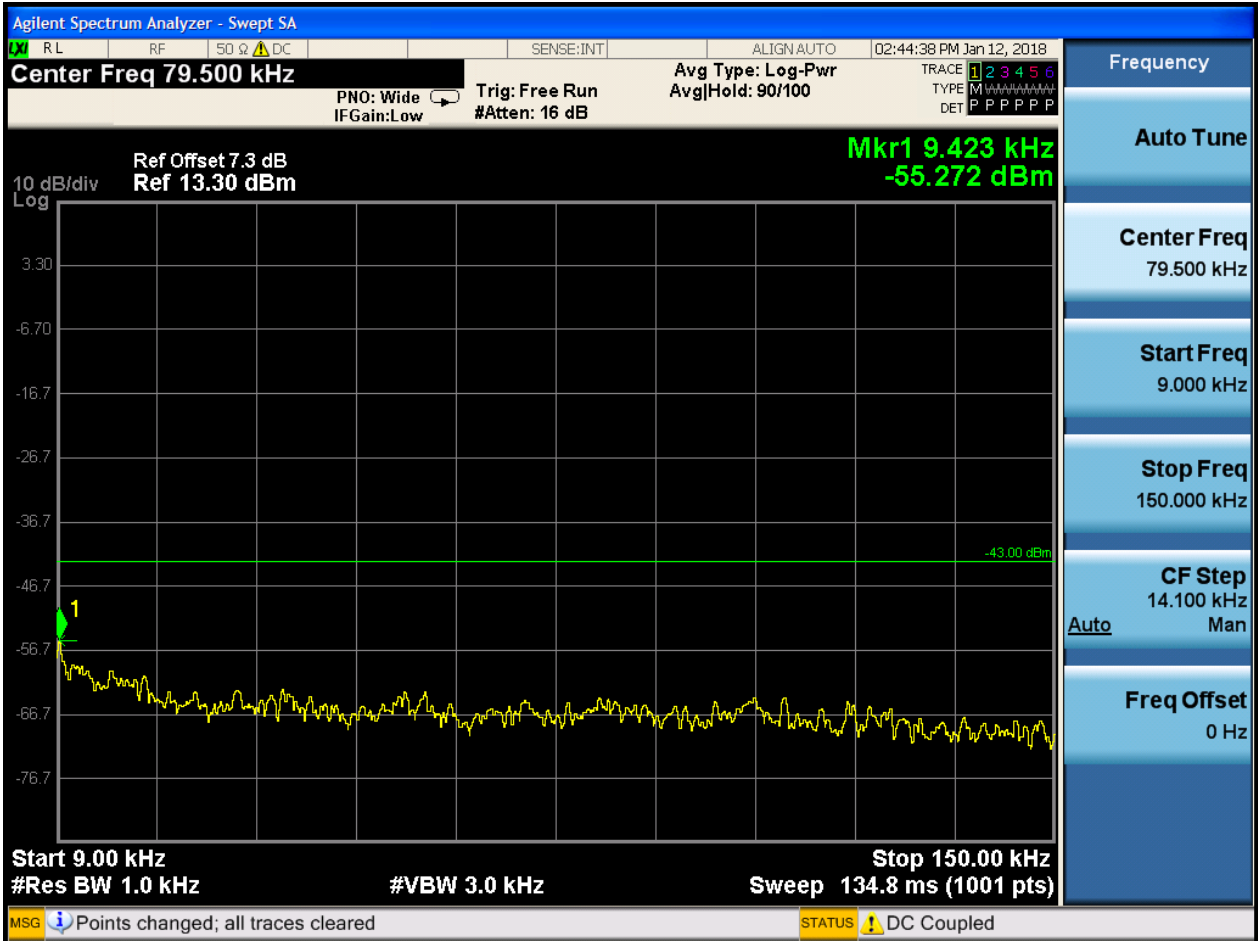


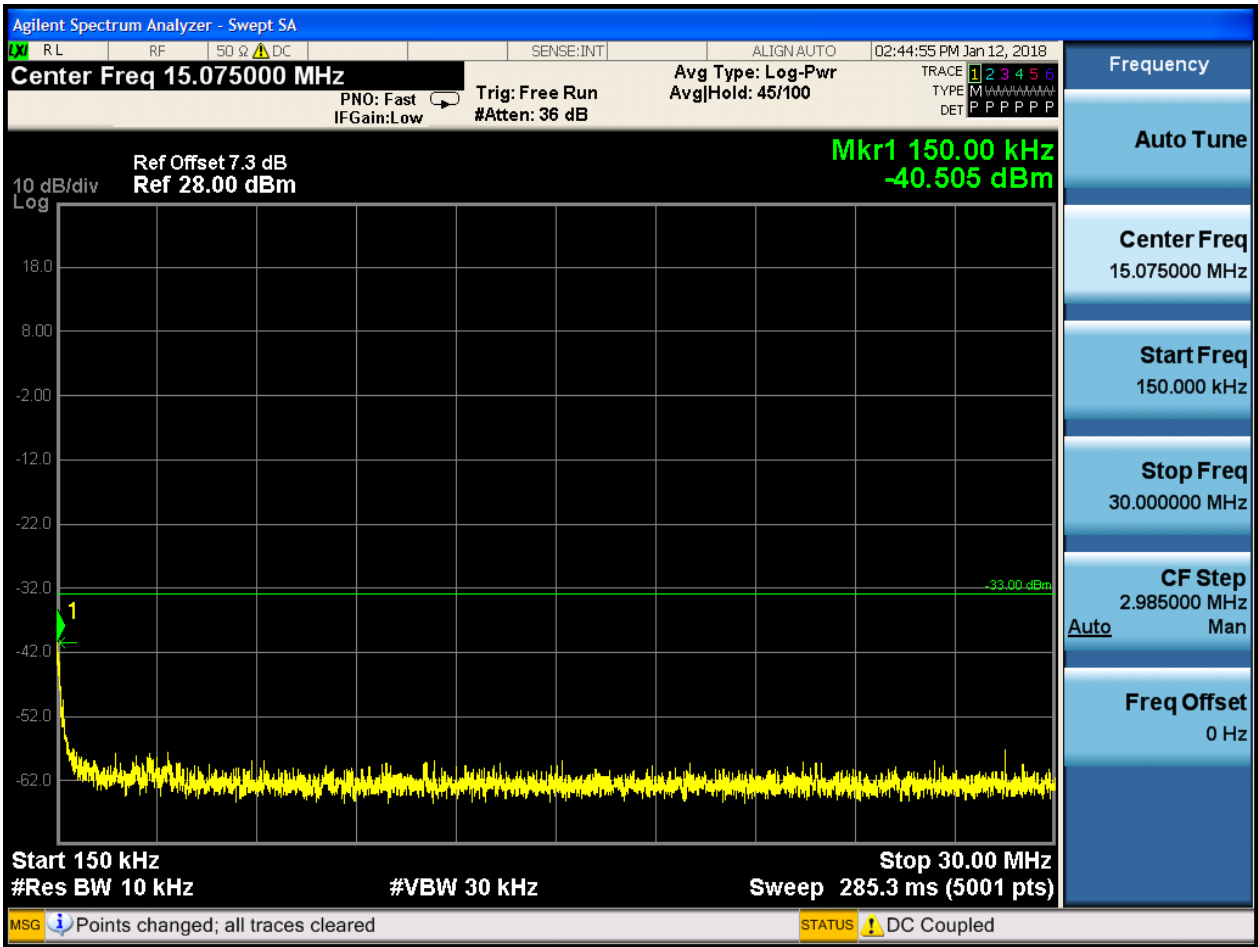


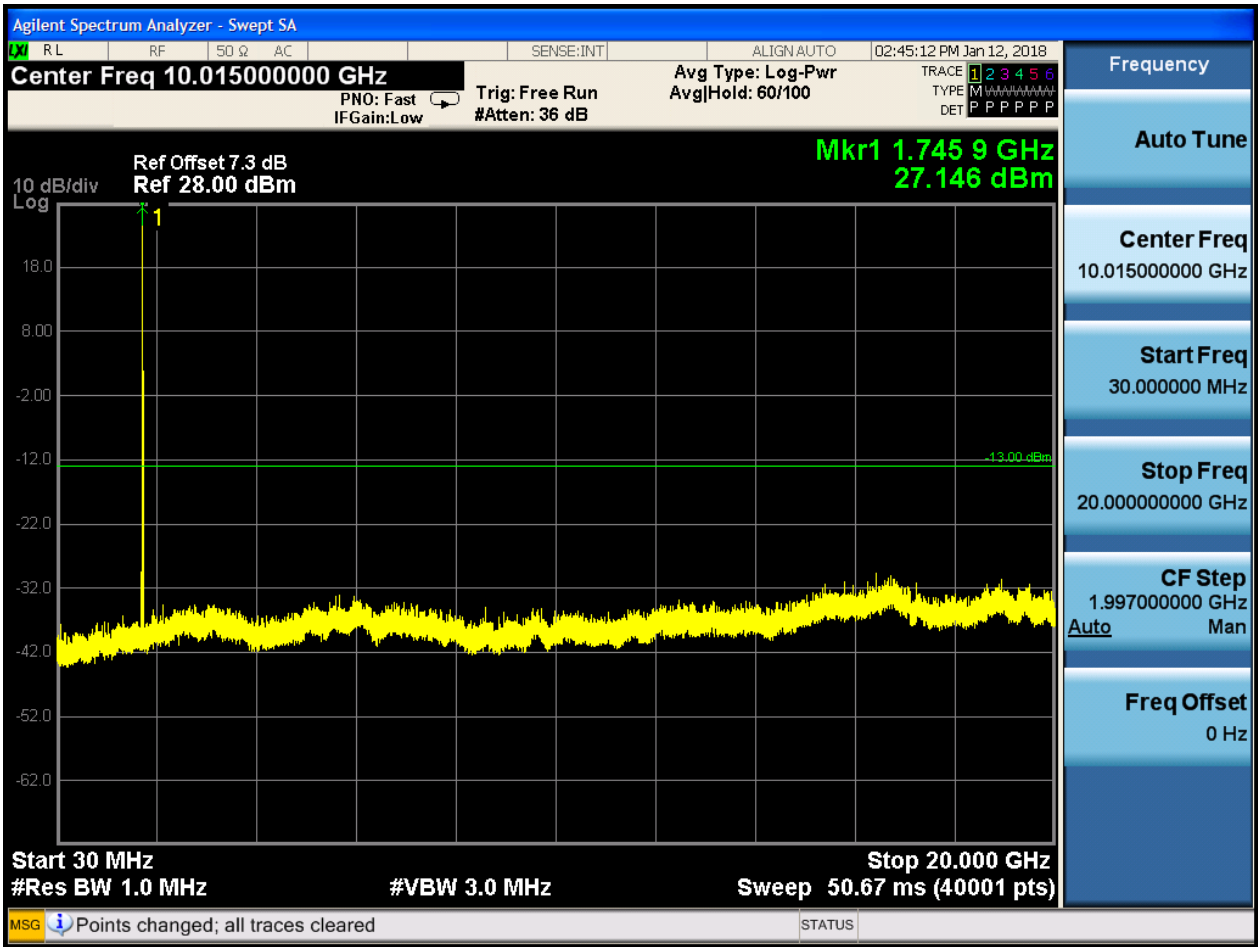


6.1.1.1.4.3 Test Channel = HCH

6.1.1.1.4.3.1 Test RB = RB1#0





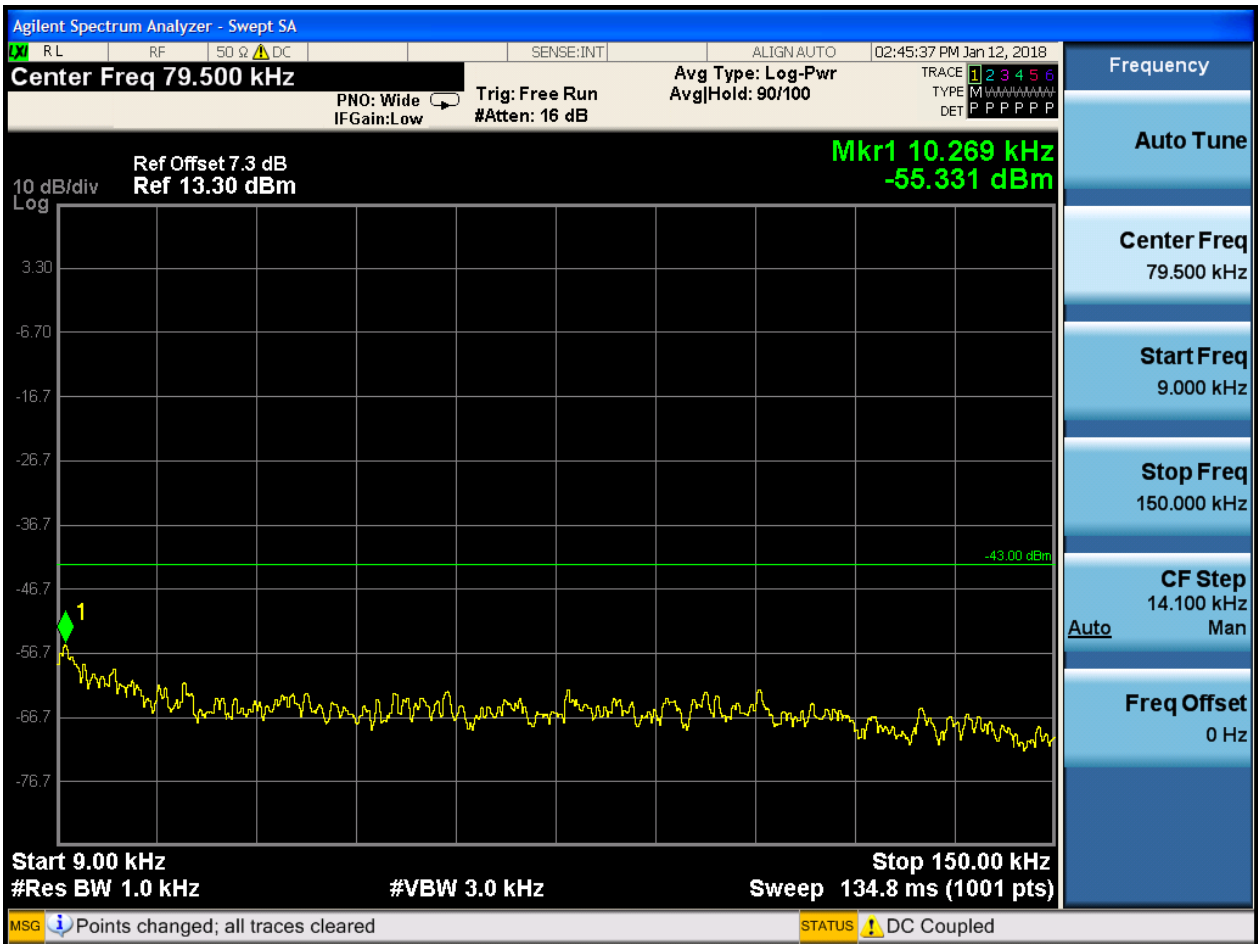


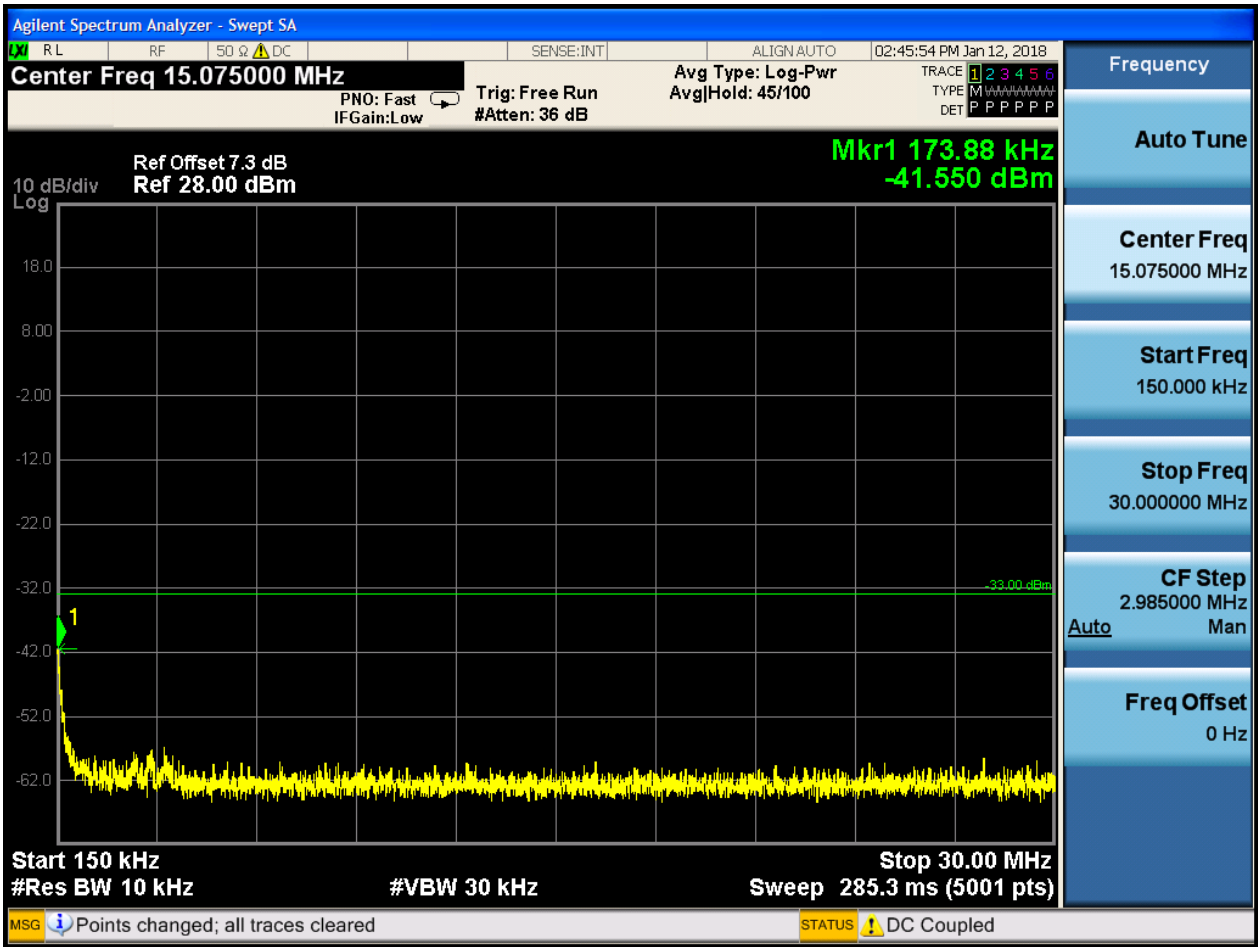


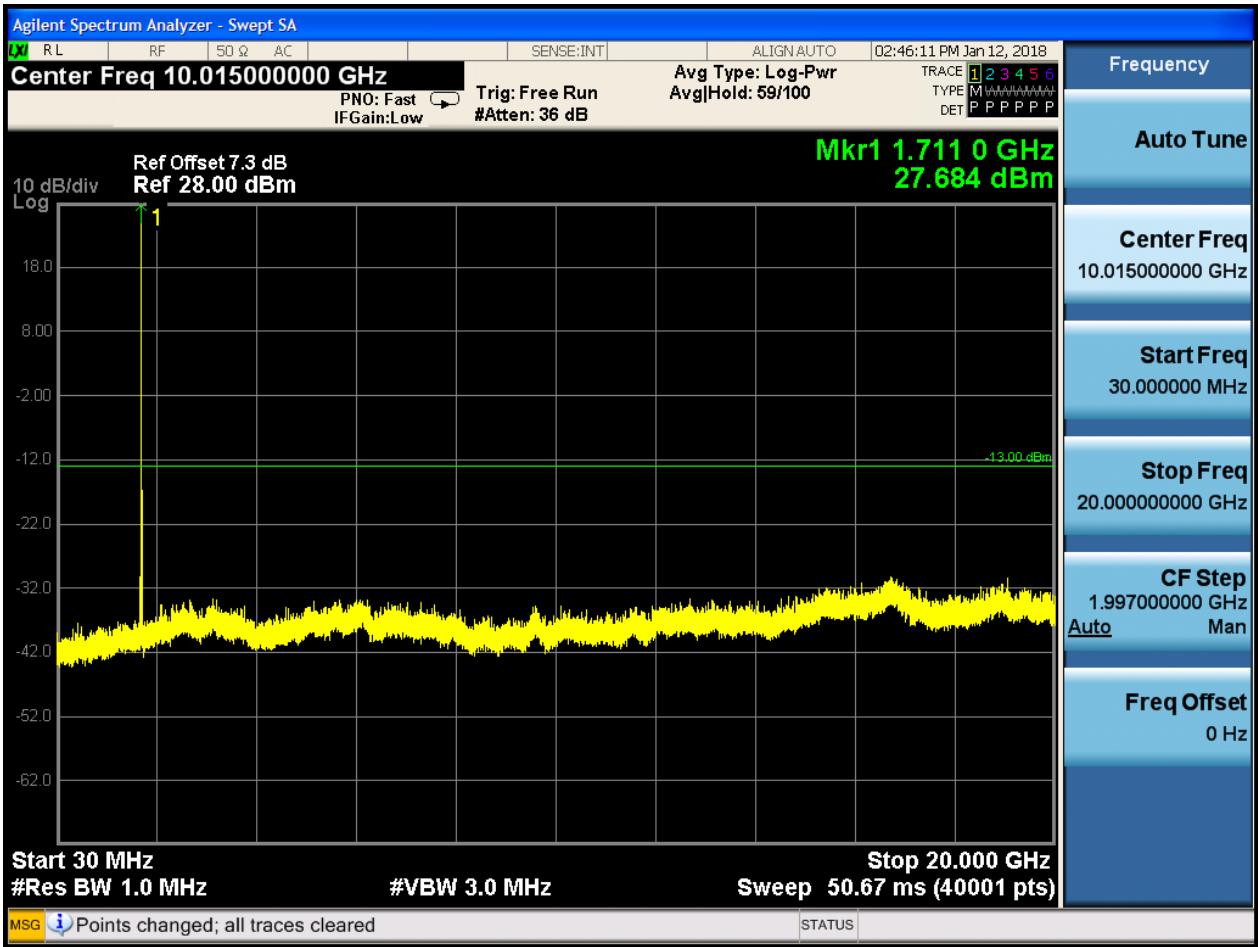
6.1.1.1.5 Test Bandwidth = 15

6.1.1.1.5.1 Test Channel = LCH

6.1.1.1.5.1.1 Test RB = RB1#0



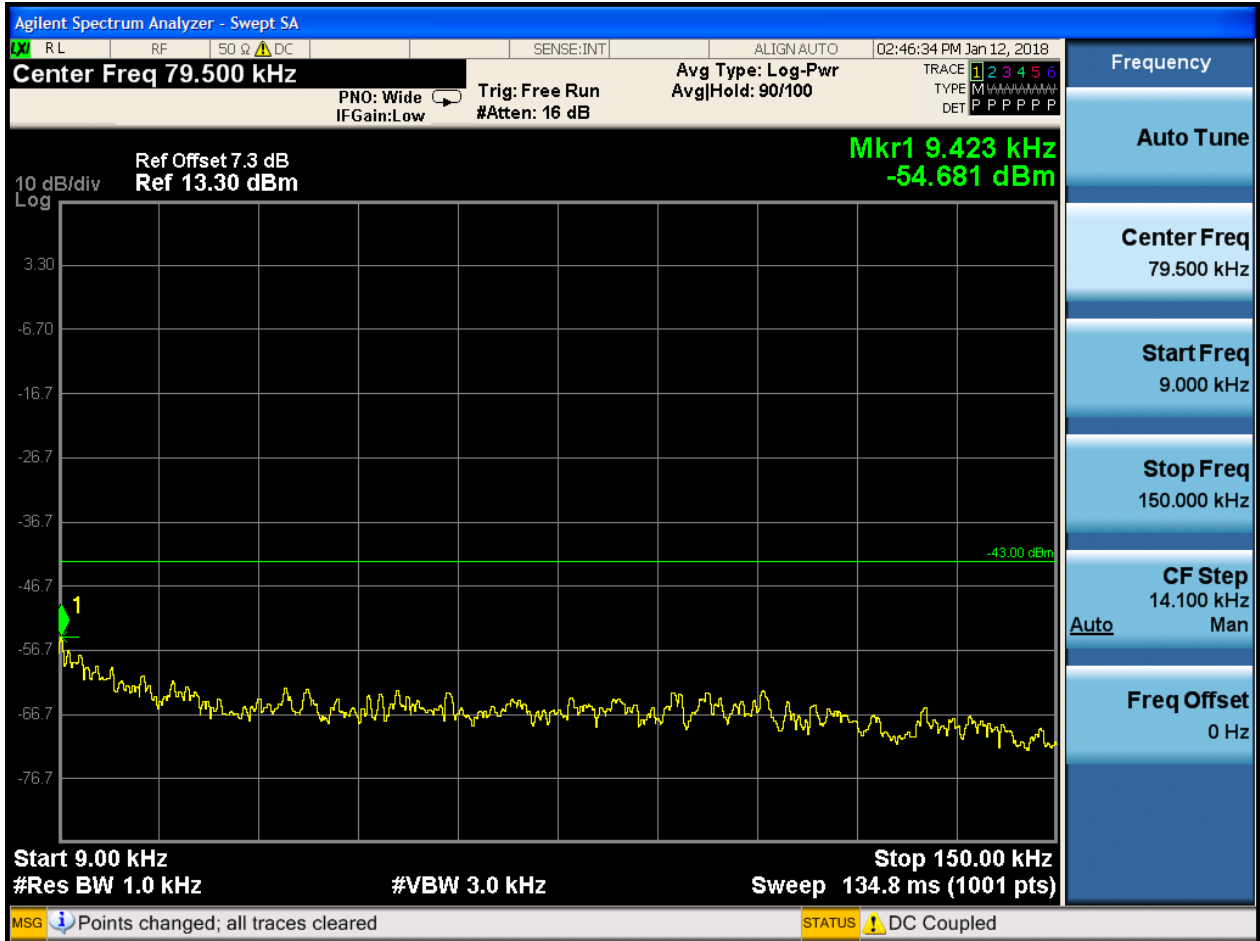


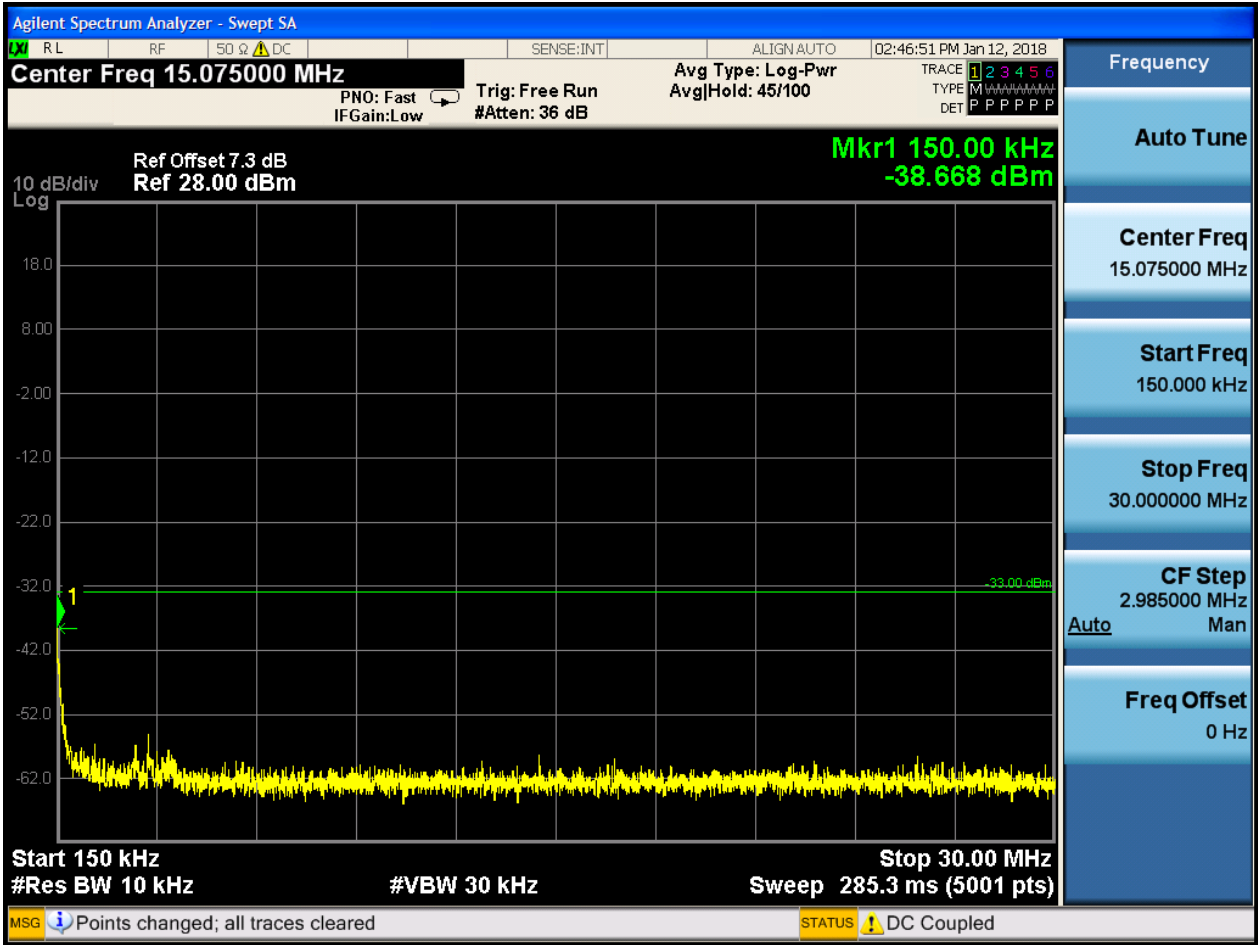


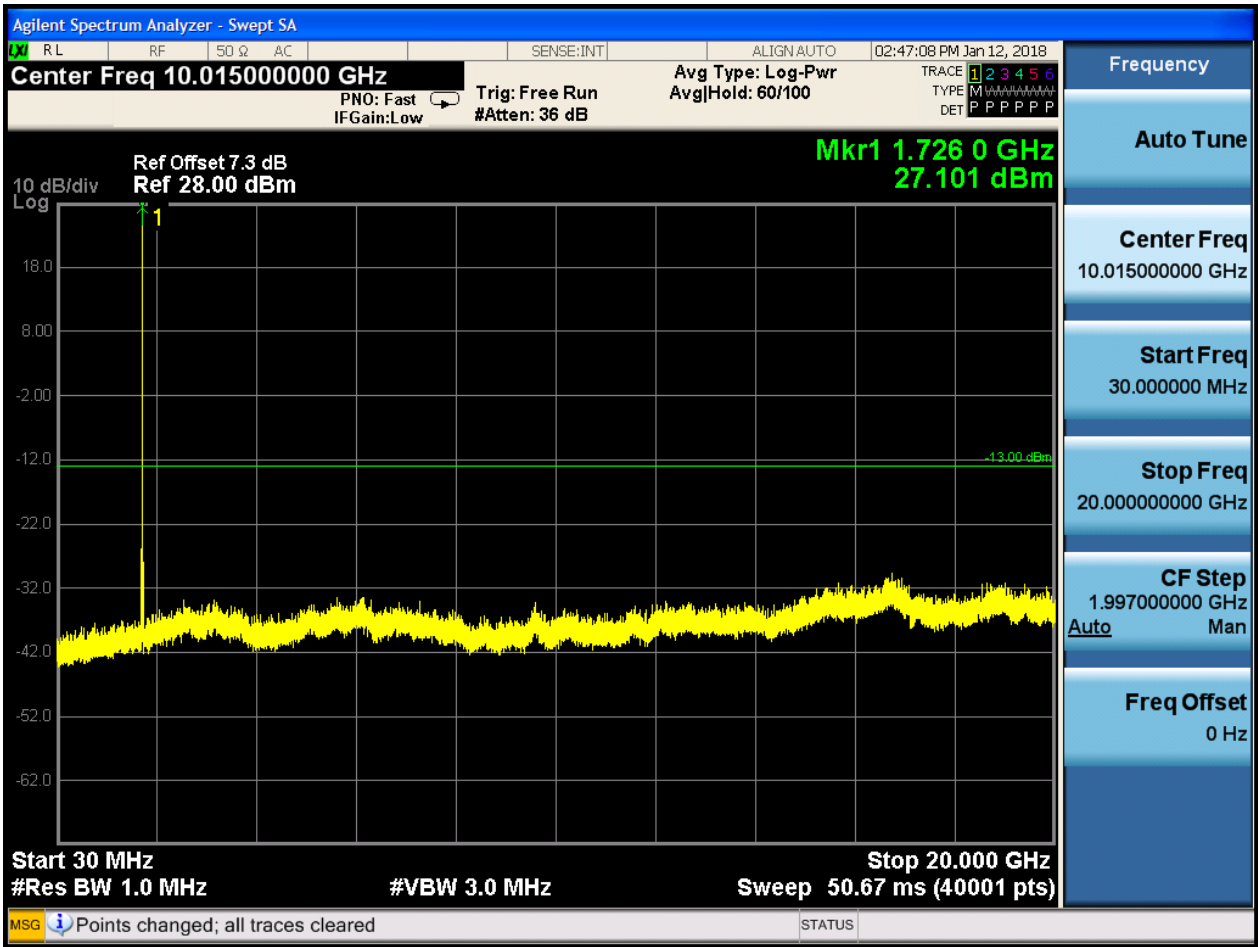


6.1.1.1.5.2 Test Channel = MCH

6.1.1.1.5.2.1 Test RB = RB1#0



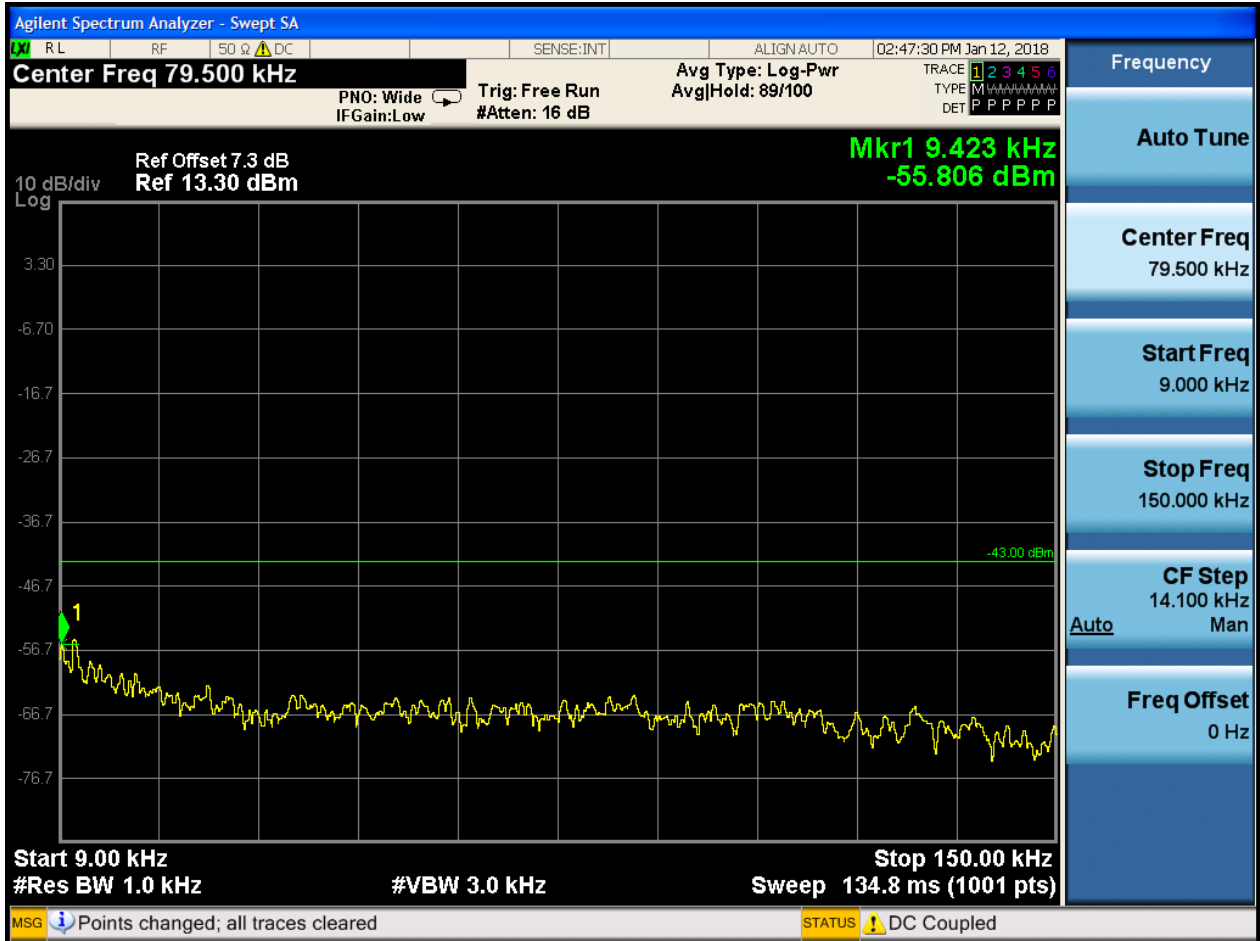


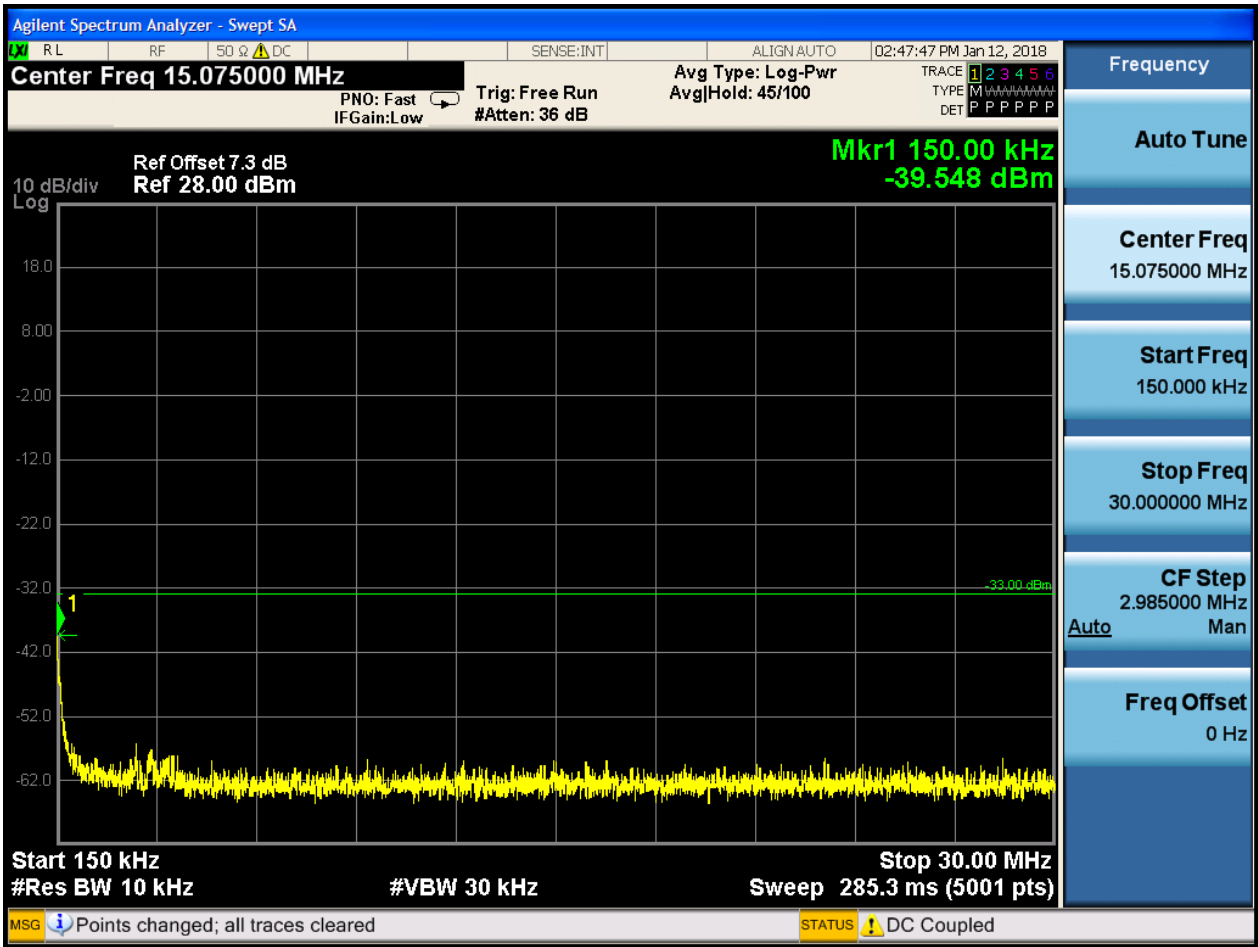


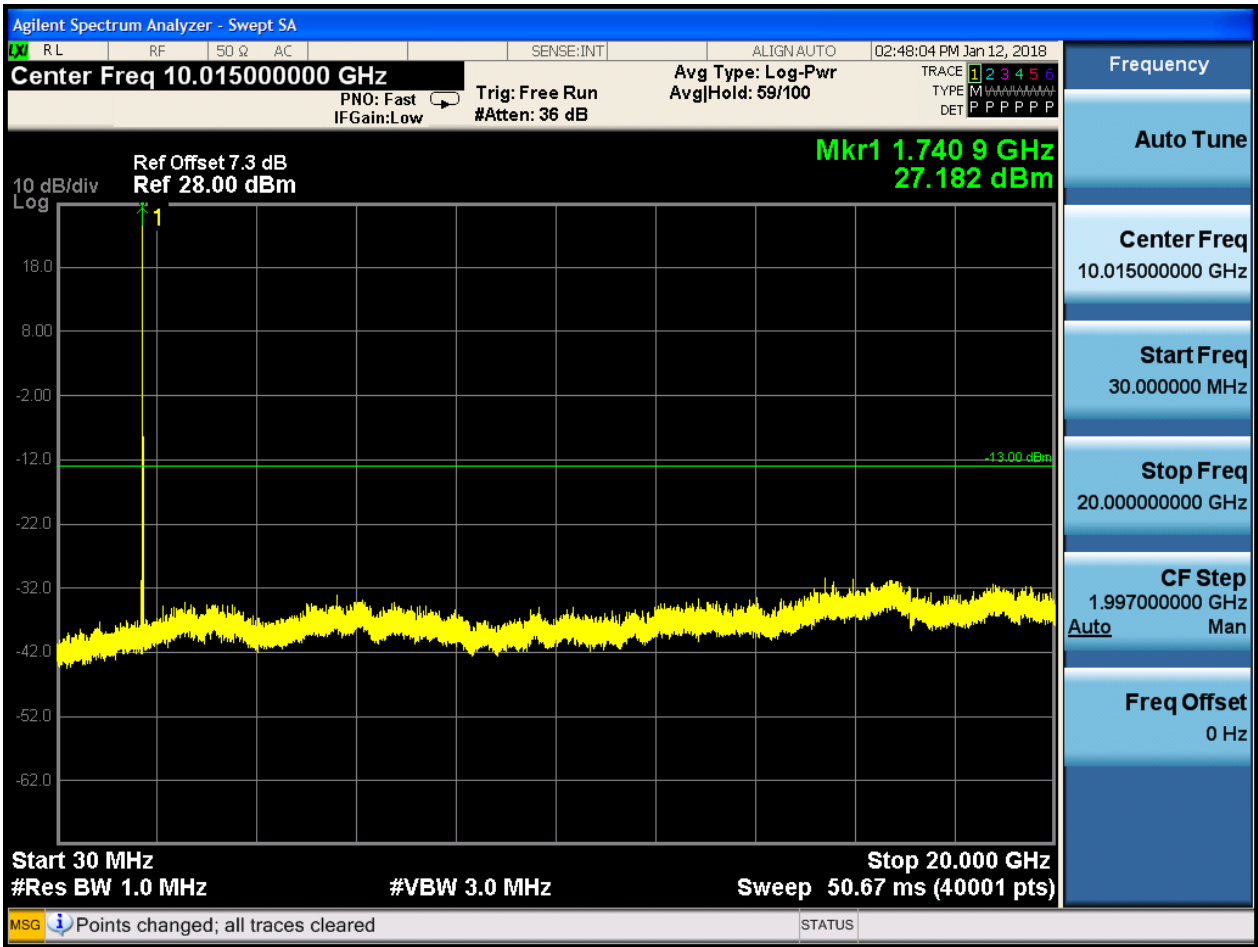


6.1.1.1.5.3 Test Channel = HCH

6.1.1.1.5.3.1 Test RB = RB1#0





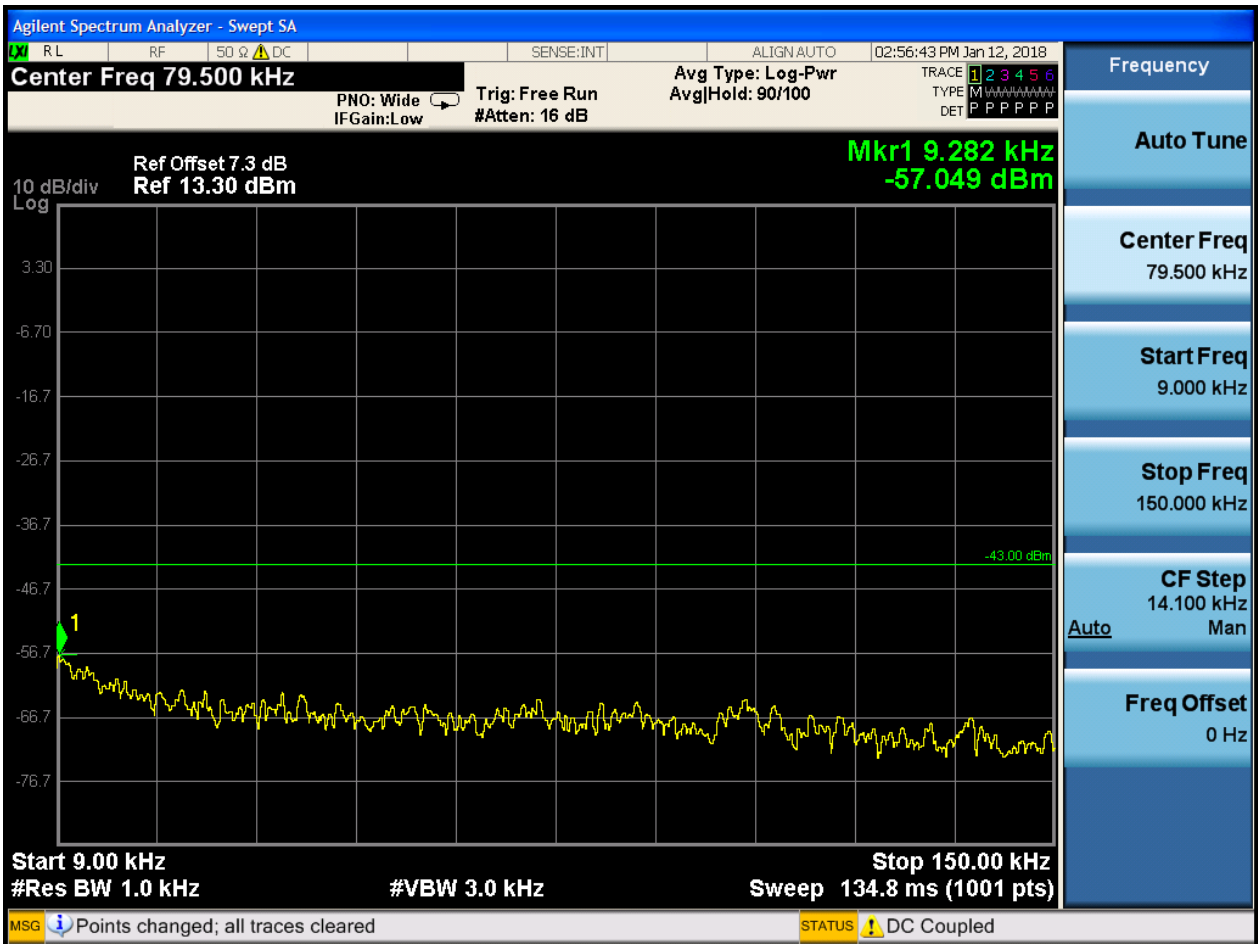


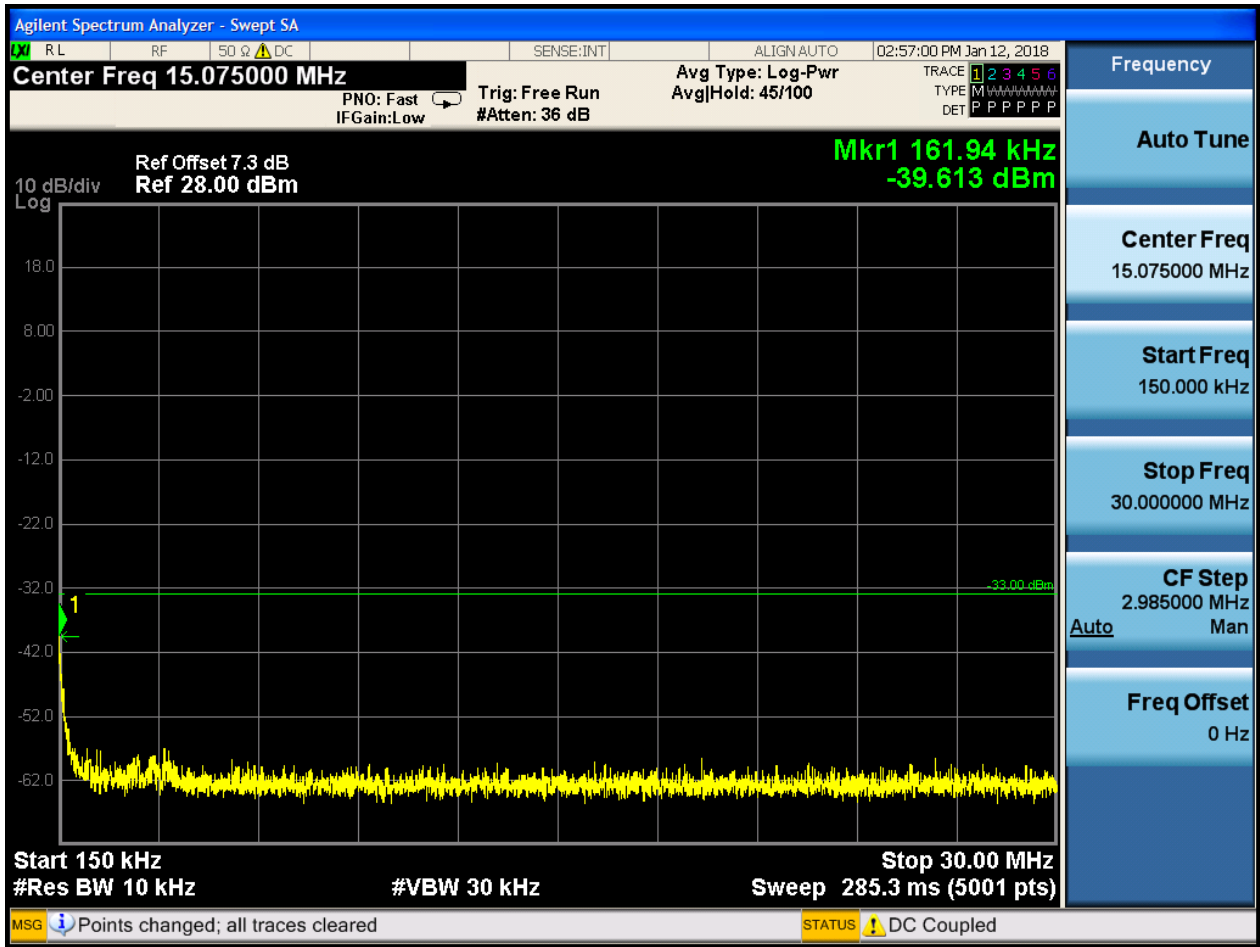


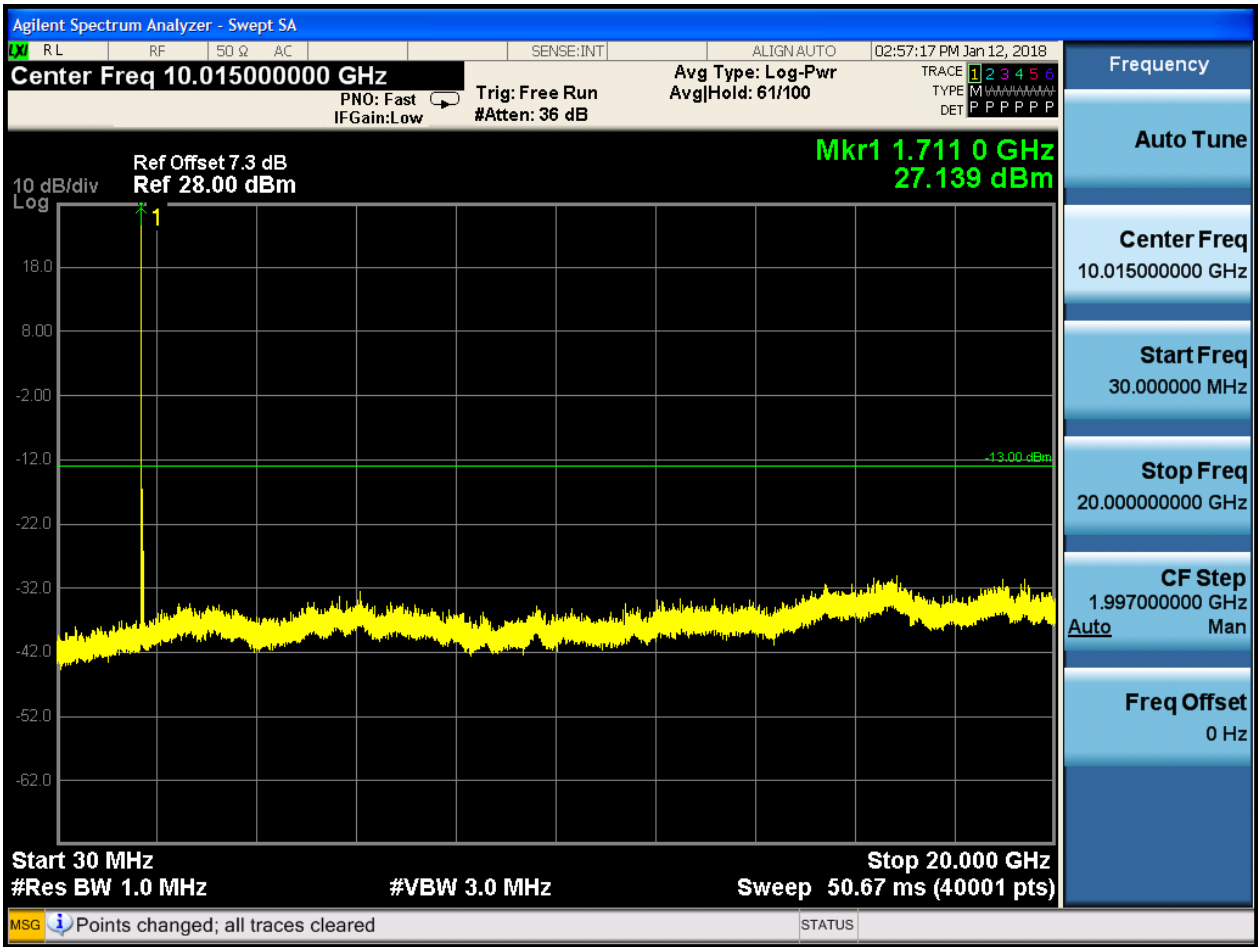
6.1.1.1.6 Test Bandwidth = 20

6.1.1.1.6.1 Test Channel = LCH

6.1.1.1.6.1.1 Test RB = RB1#0



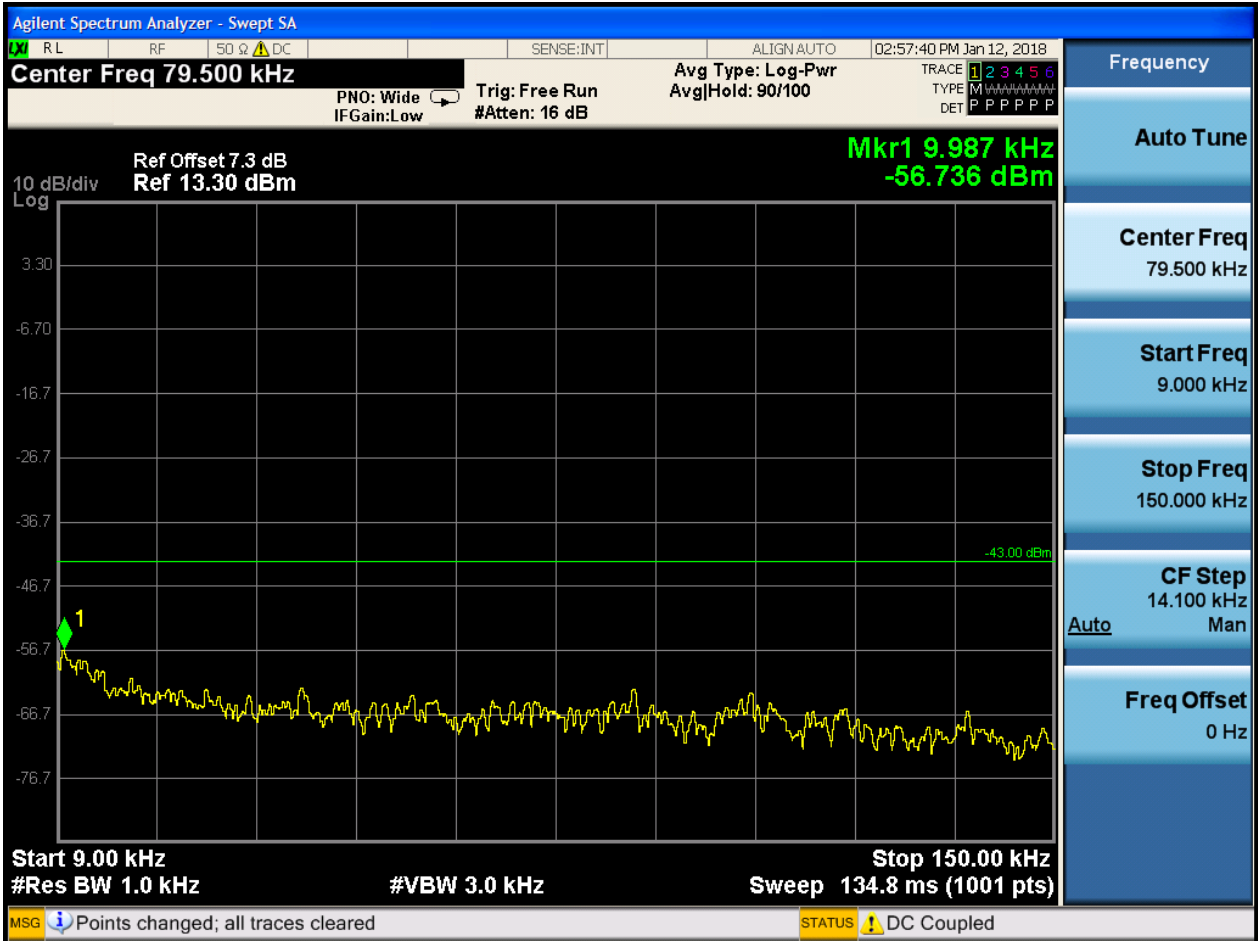


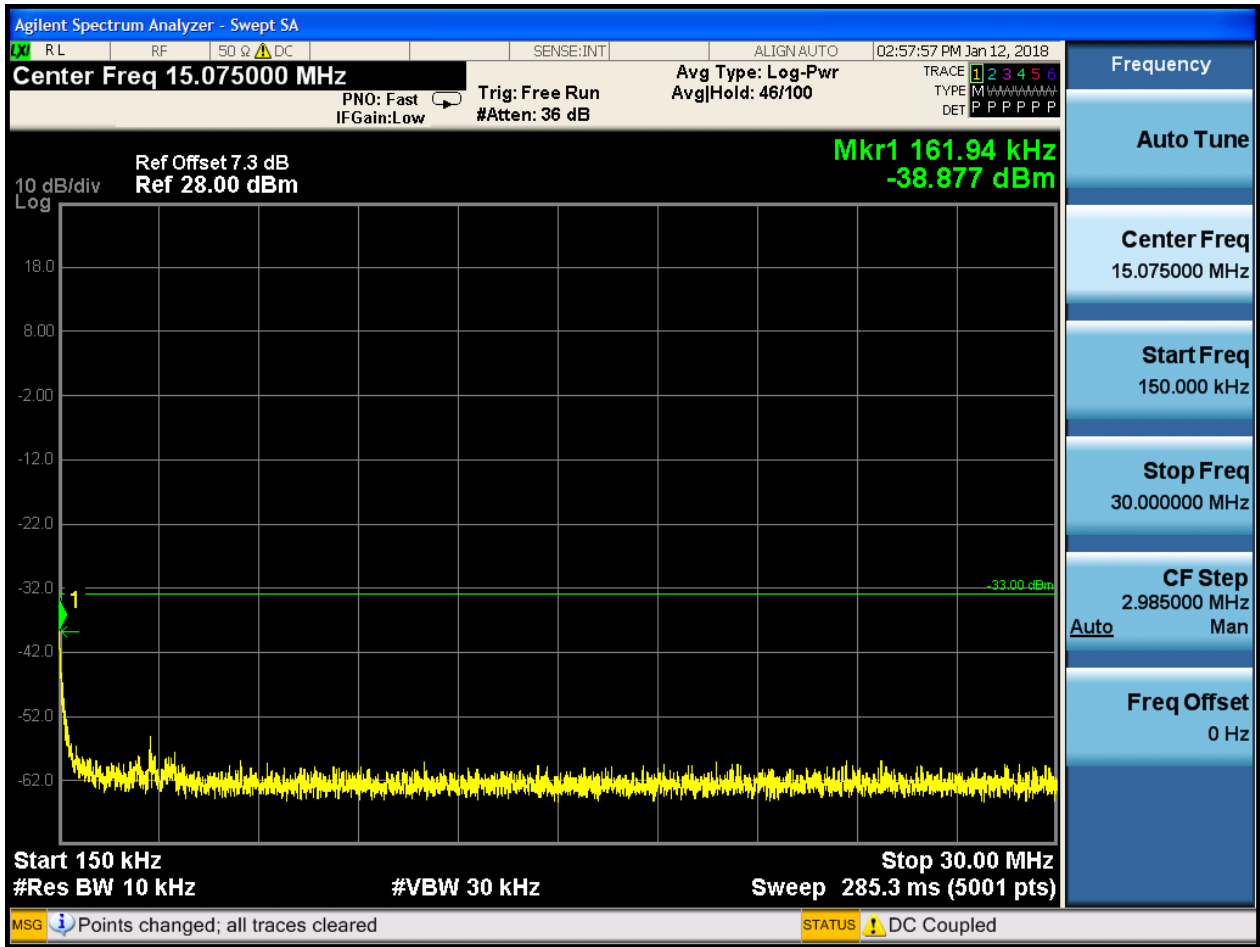


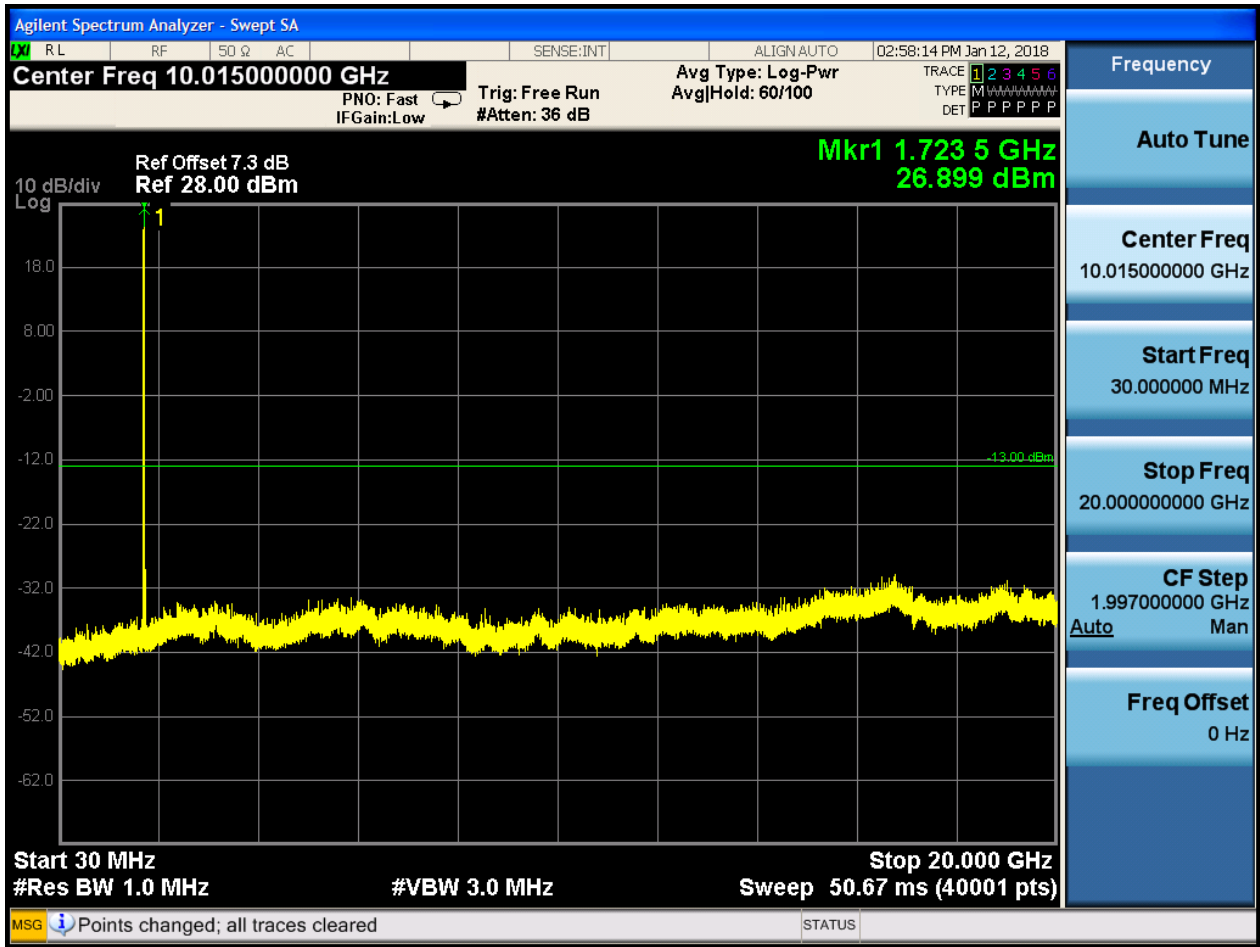


6.1.1.1.6.2 Test Channel = MCH

6.1.1.1.6.2.1 Test RB = RB1#0



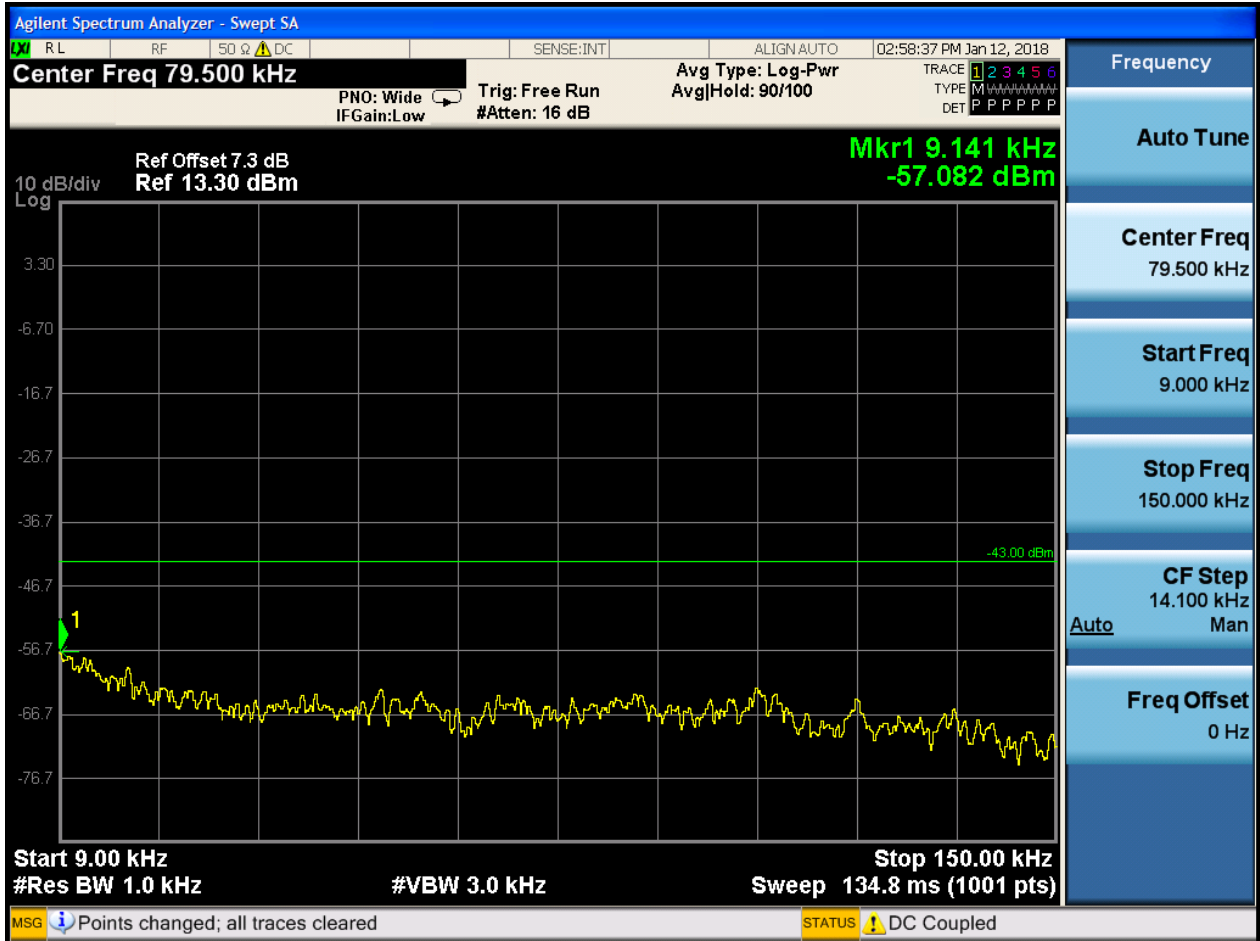


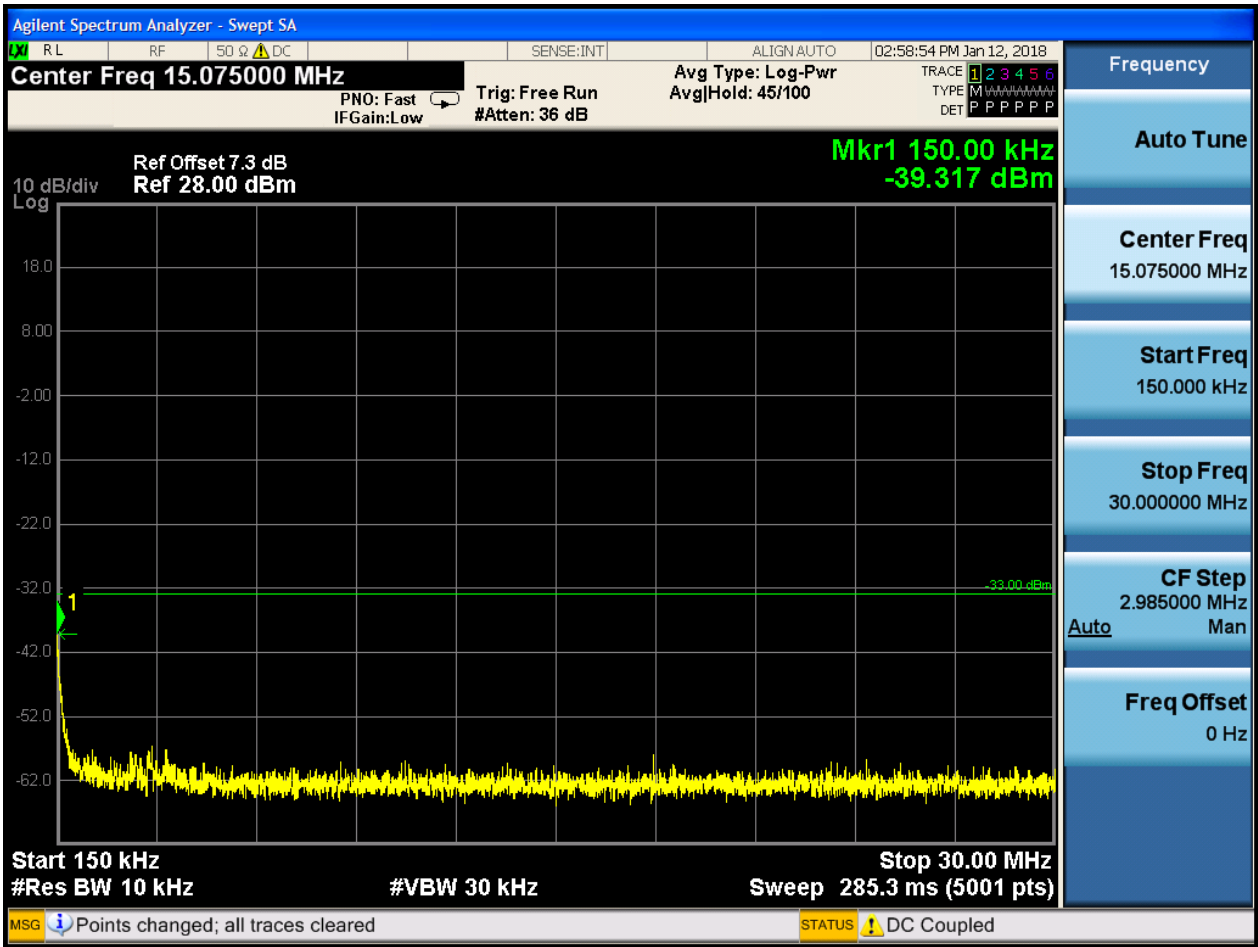


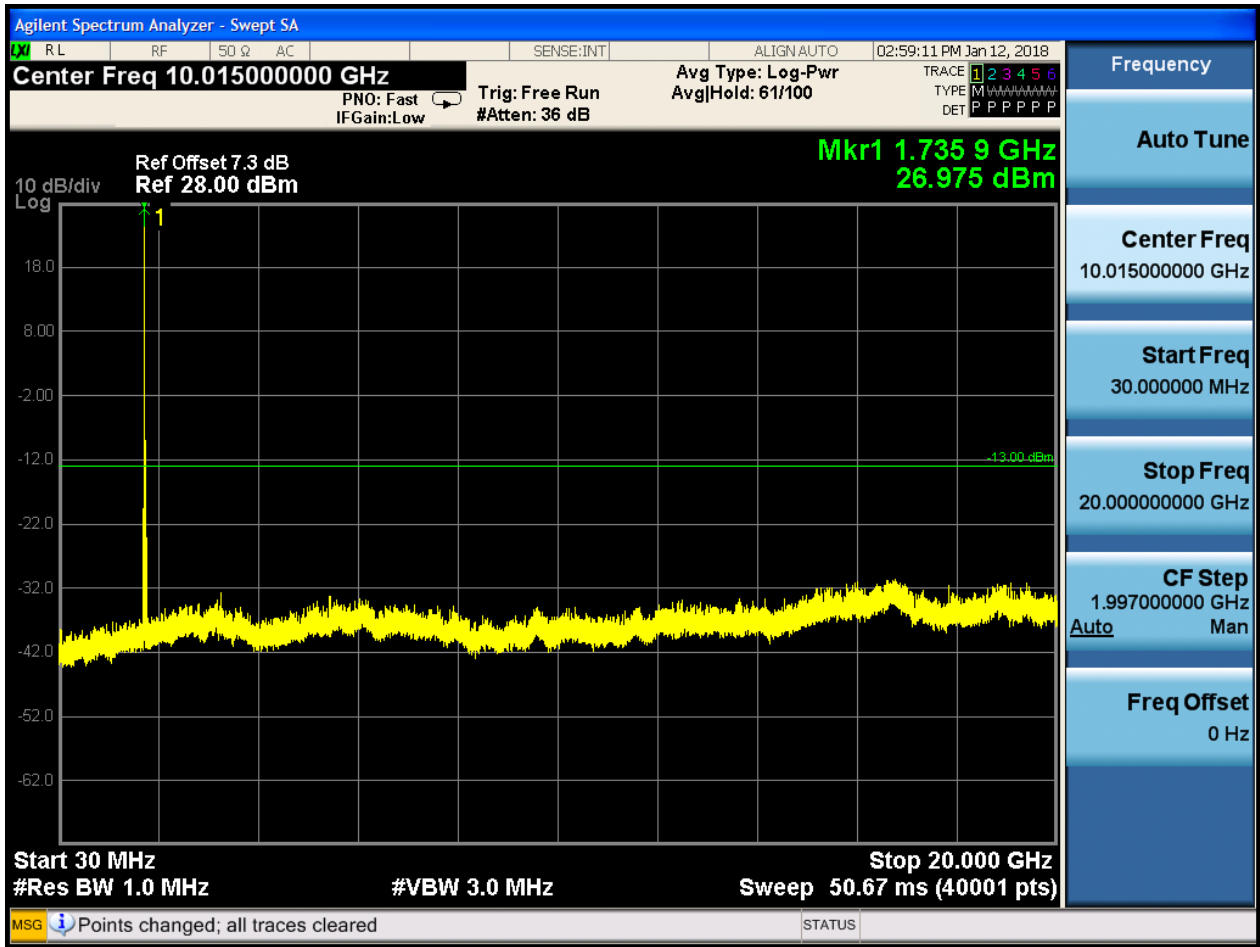


6.1.1.1.6.3 Test Channel = HCH

6.1.1.1.6.3.1 Test RB = RB1#0







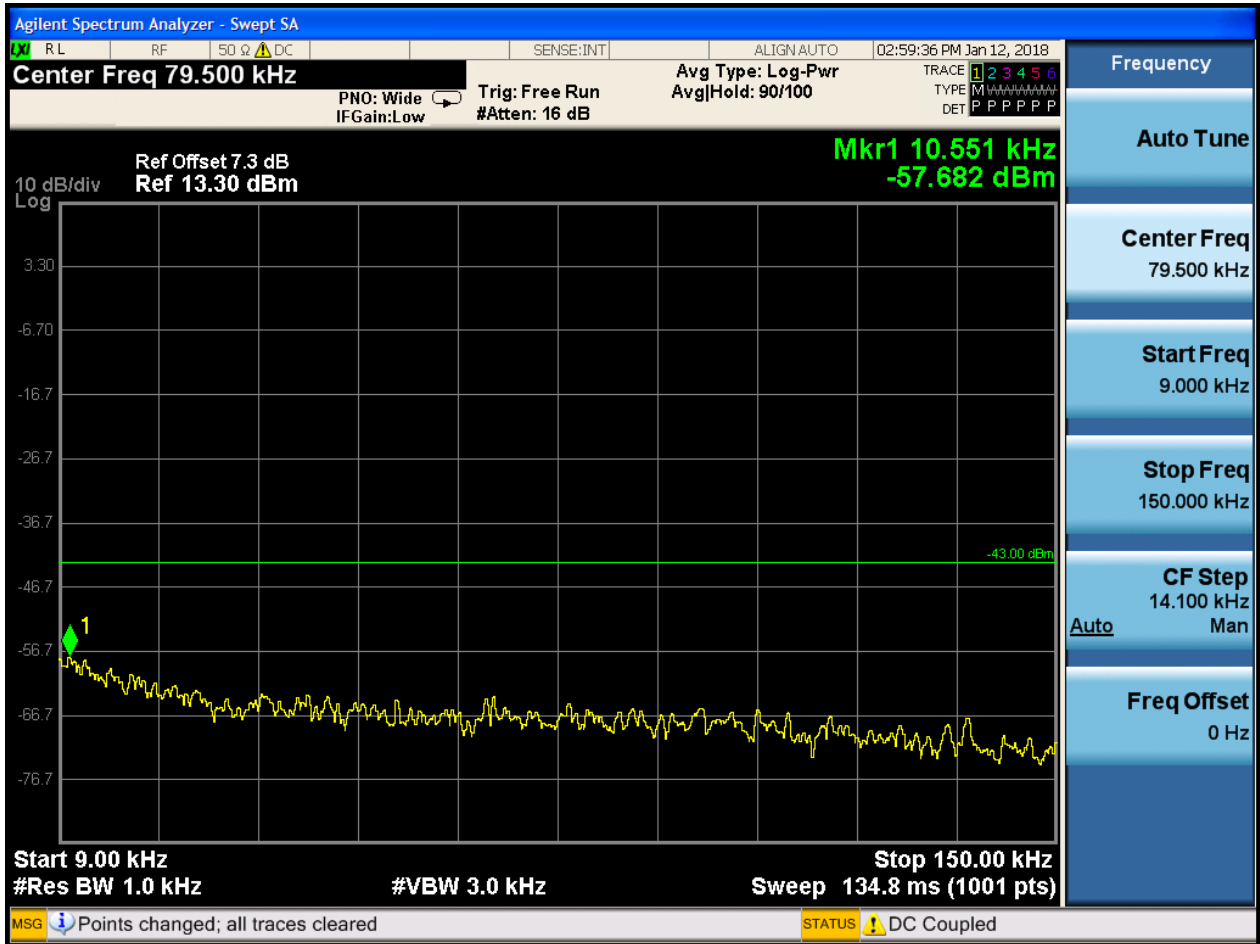


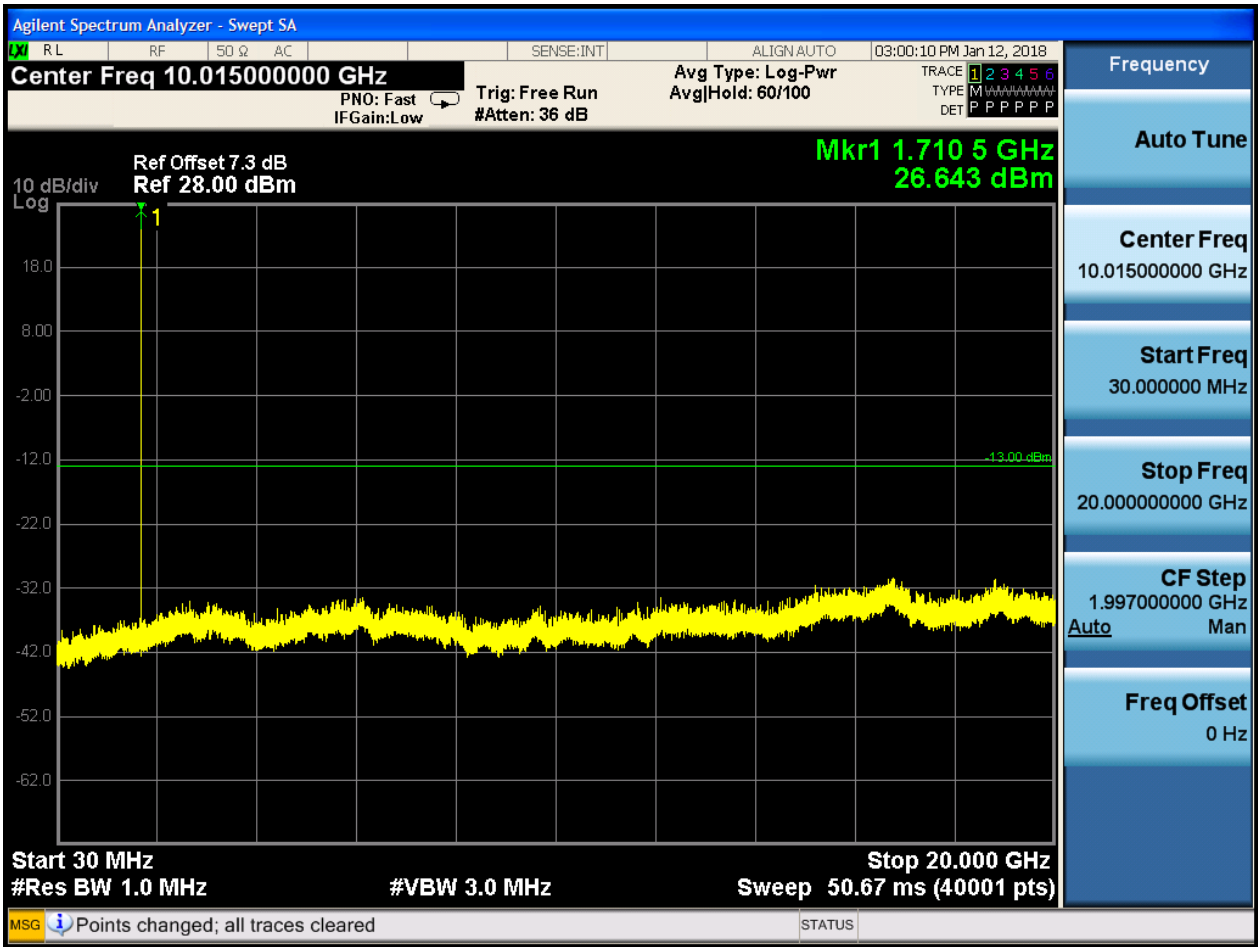
6.1.1.2 Test Mode = LTE/TM2

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

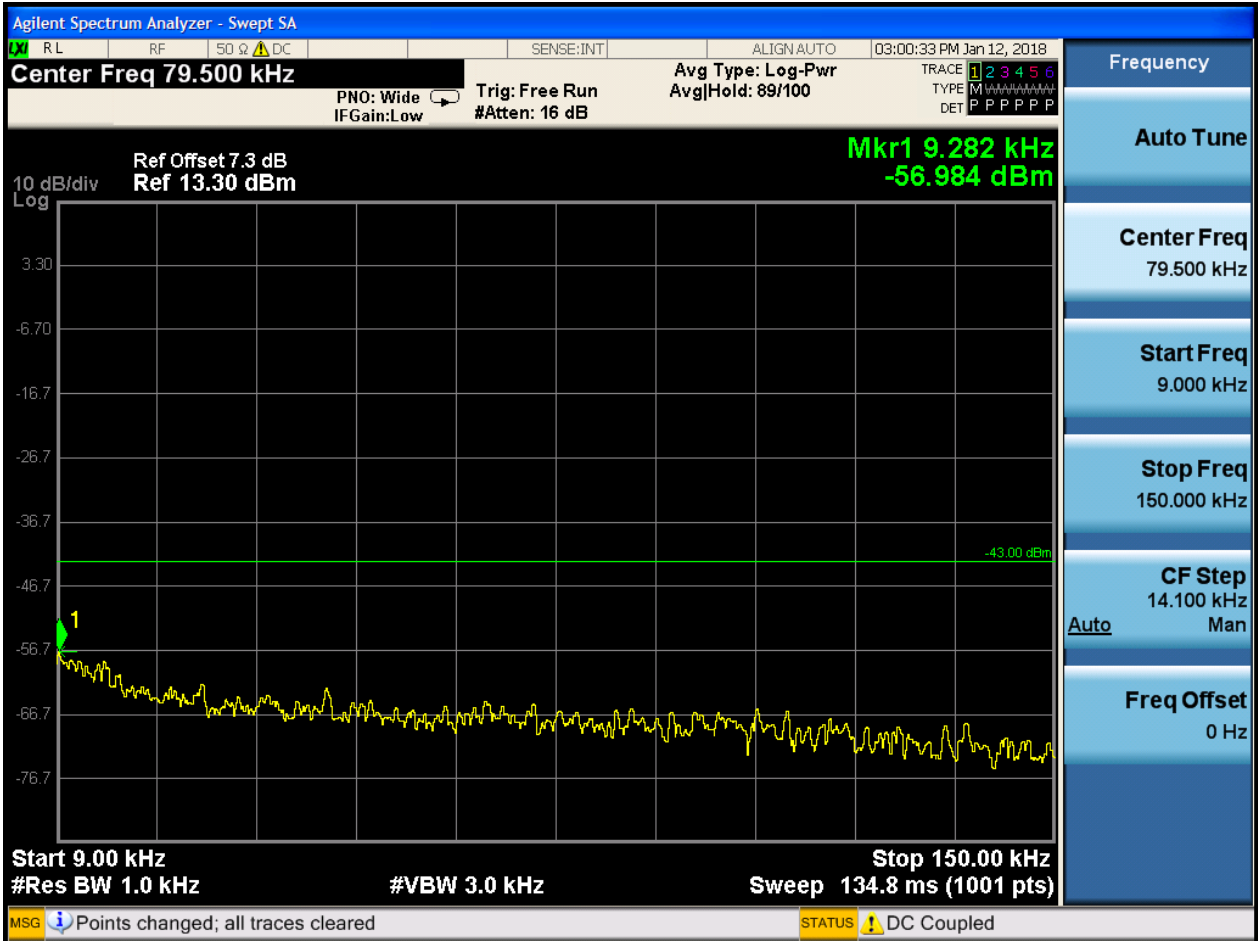


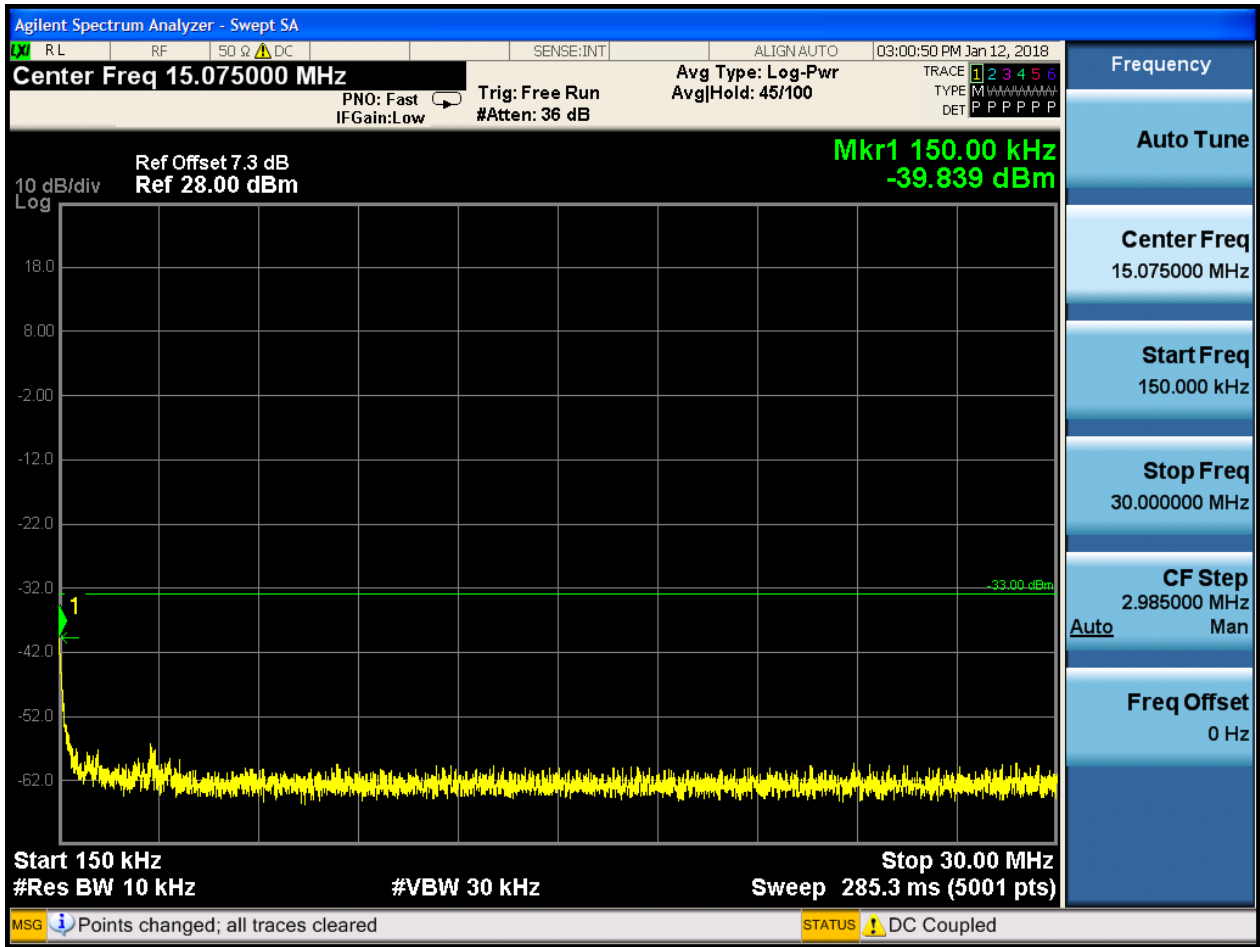


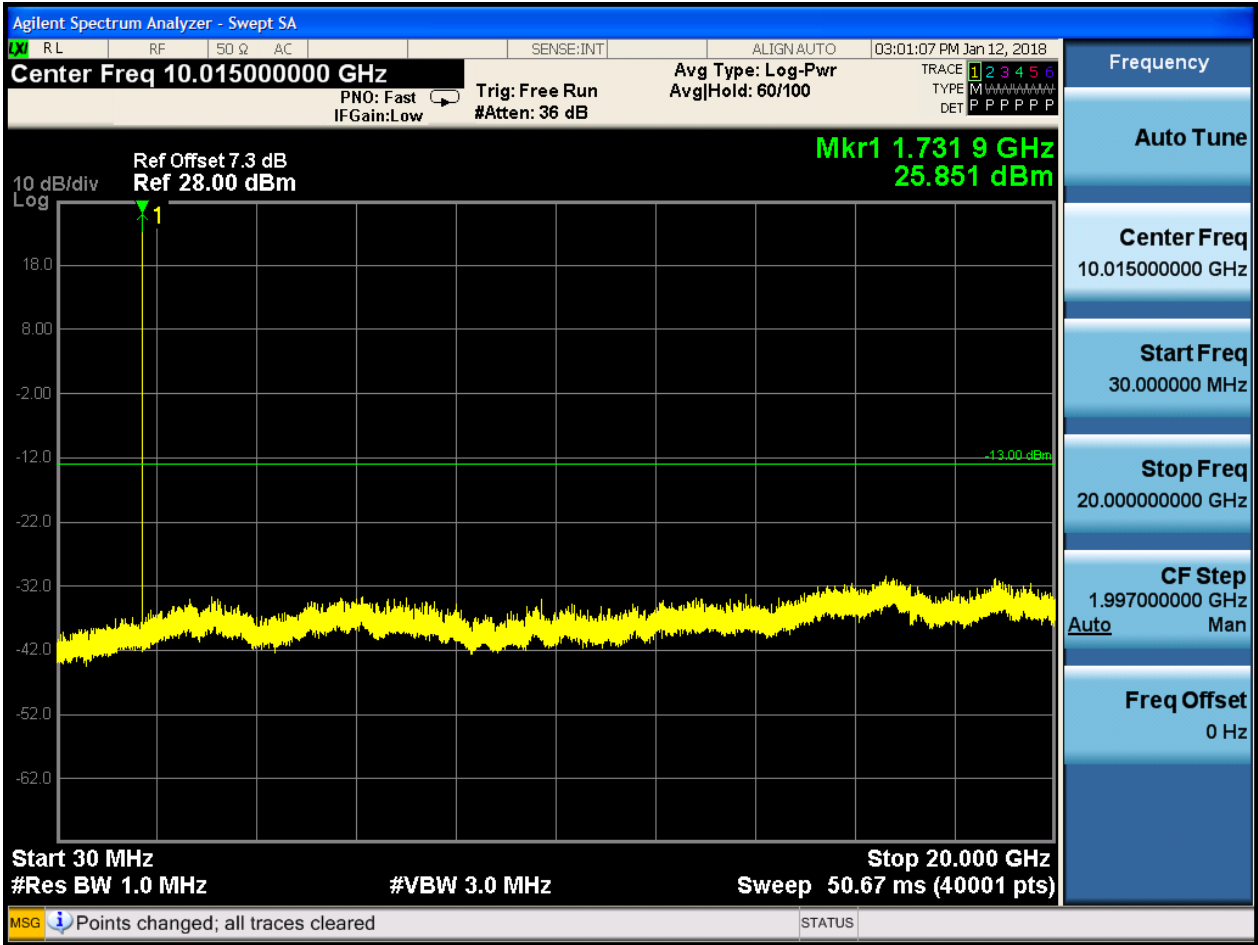


6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0



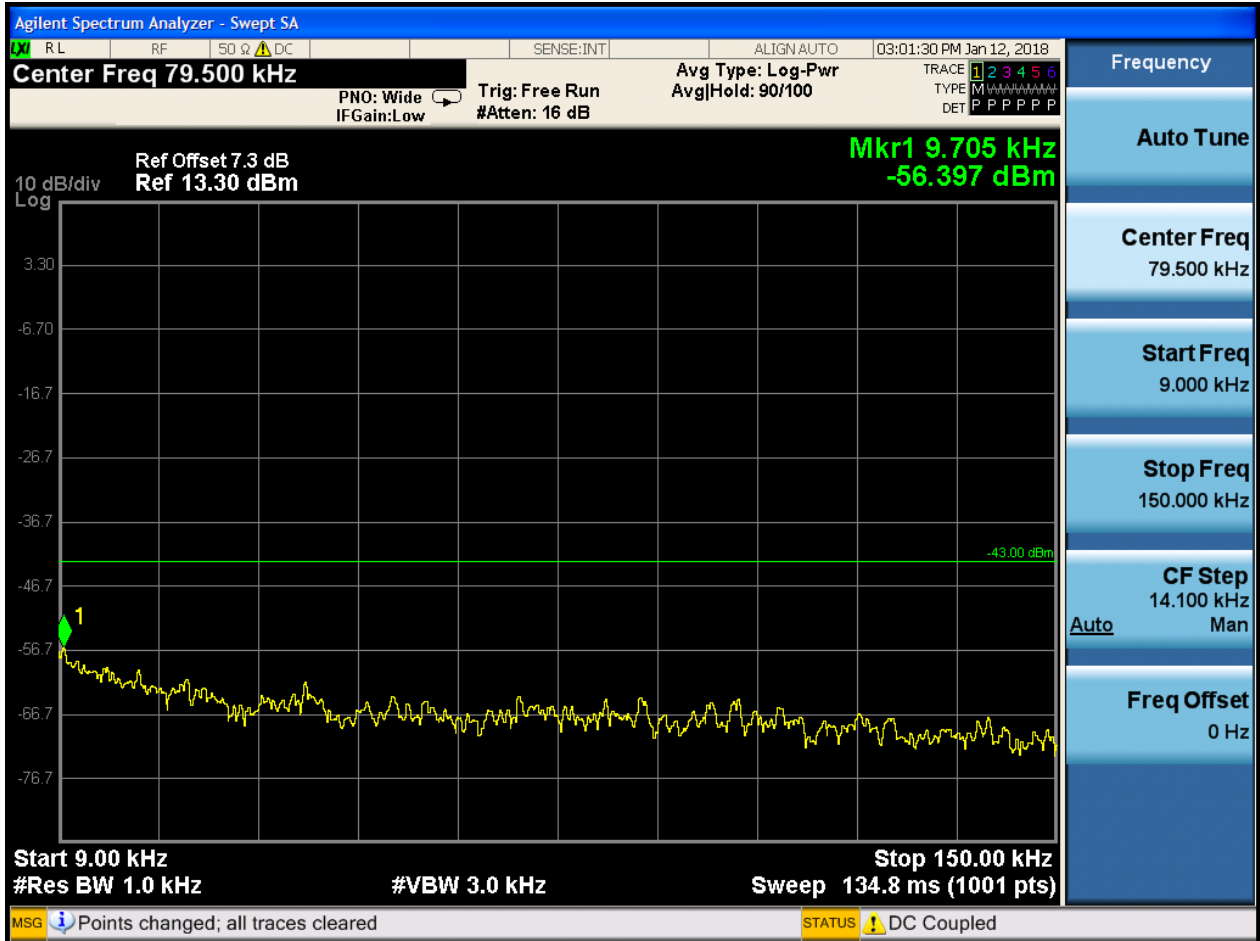


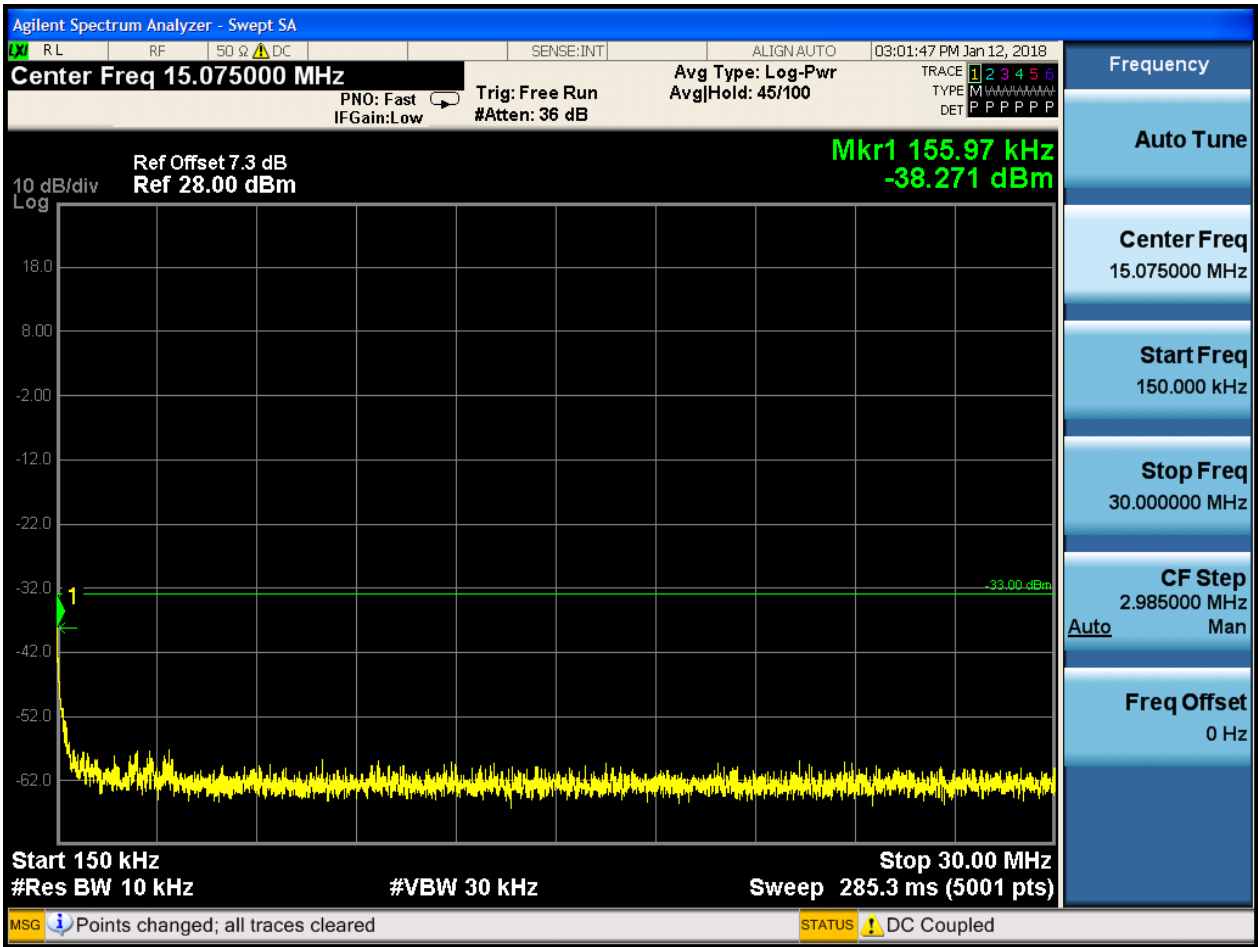


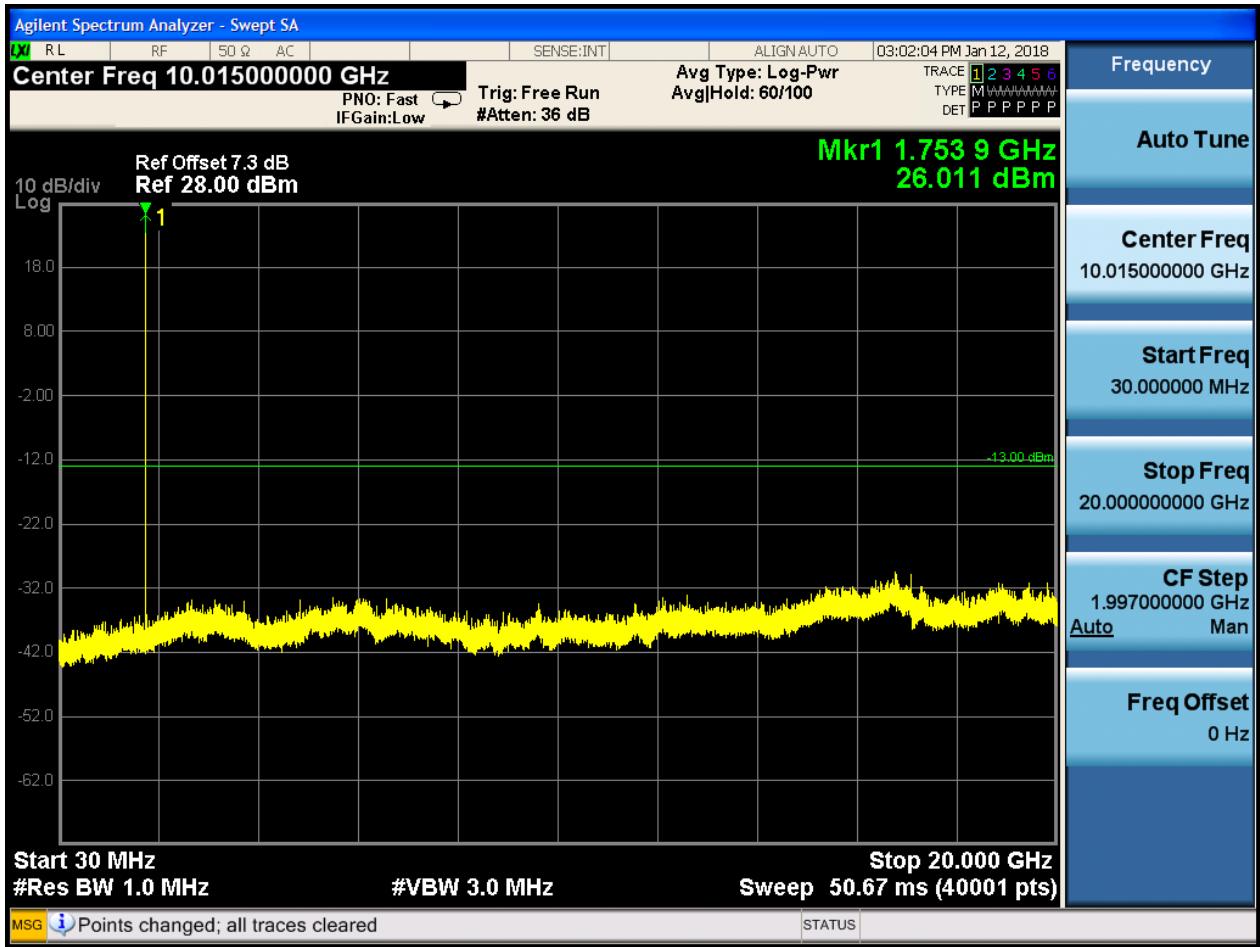


6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0





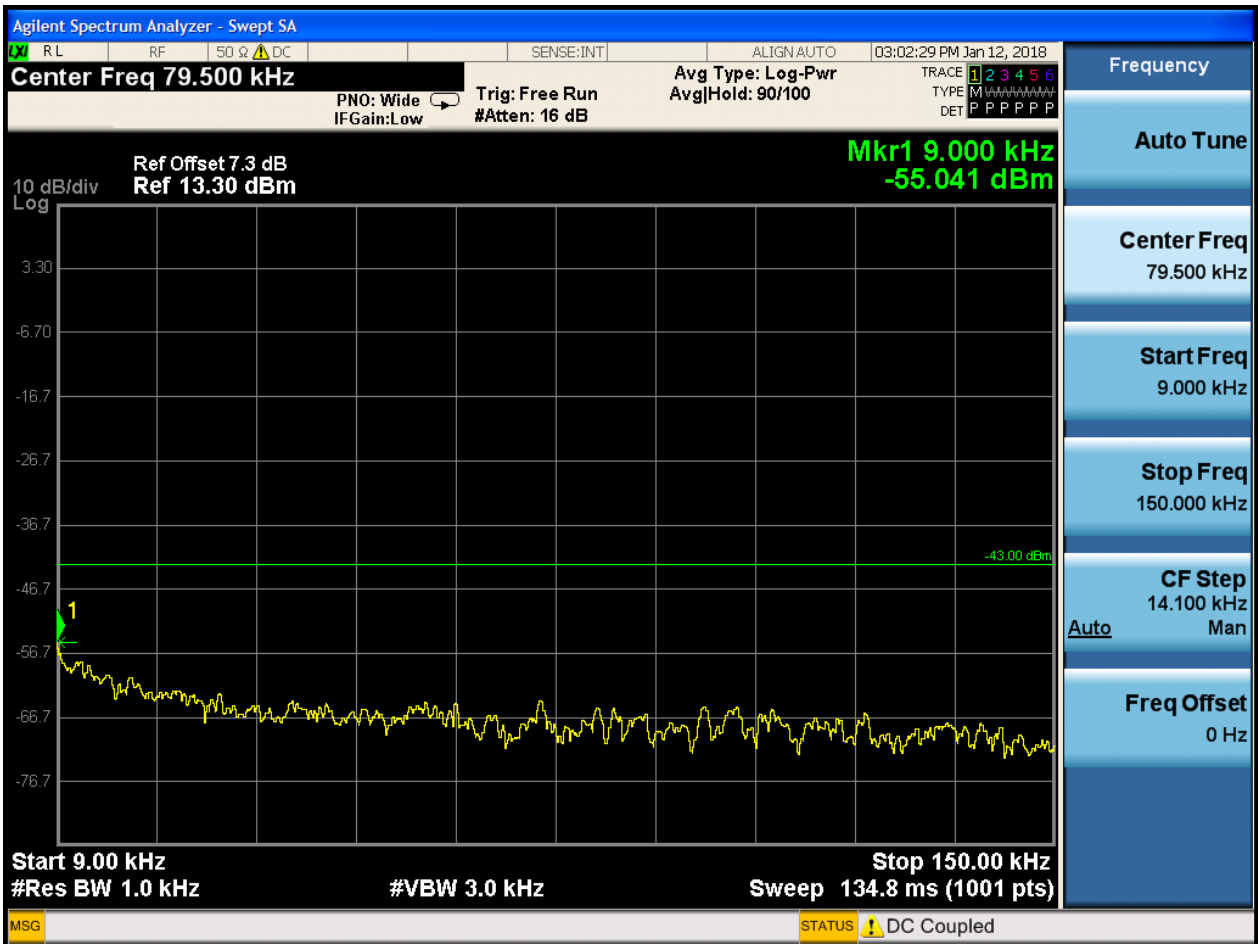


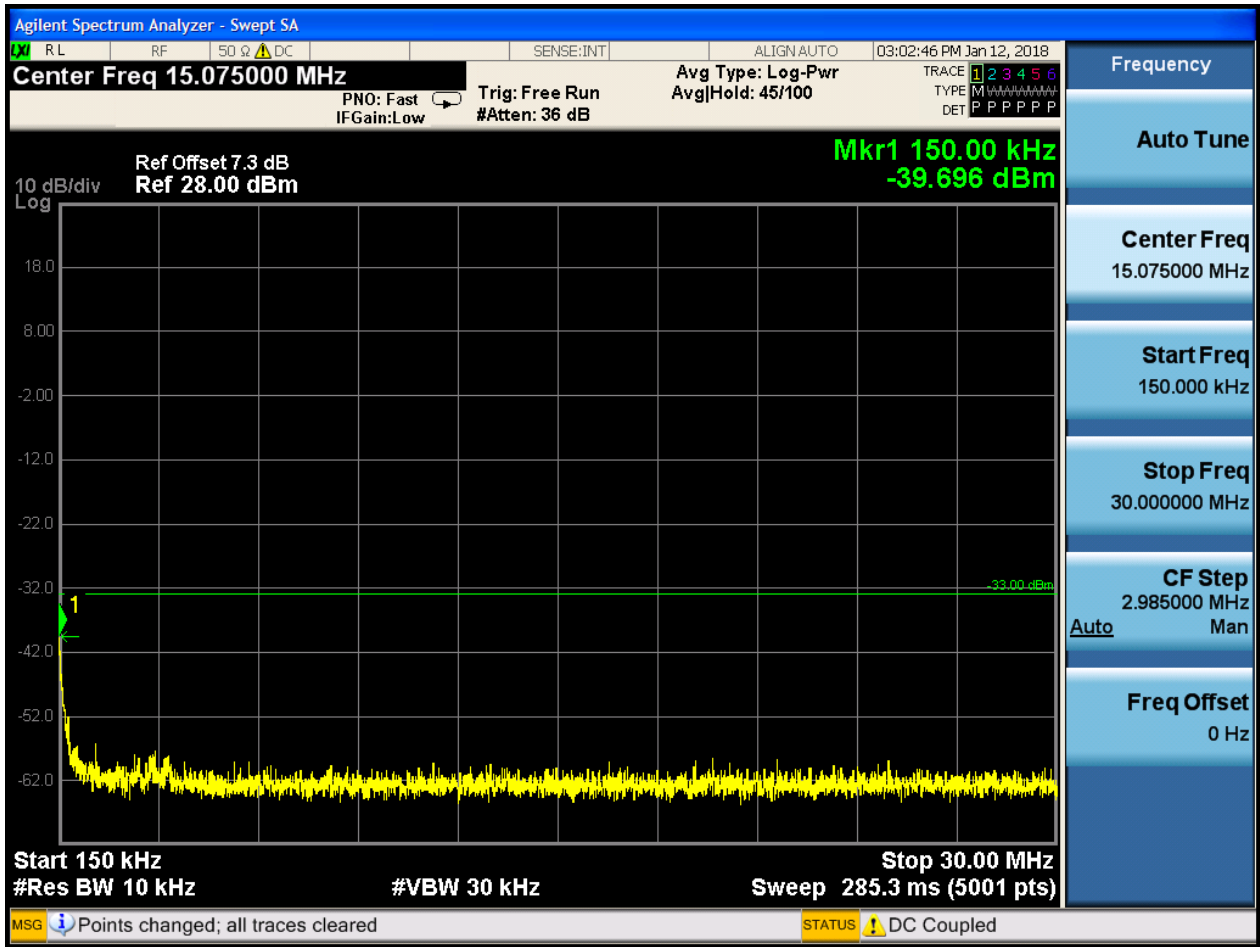


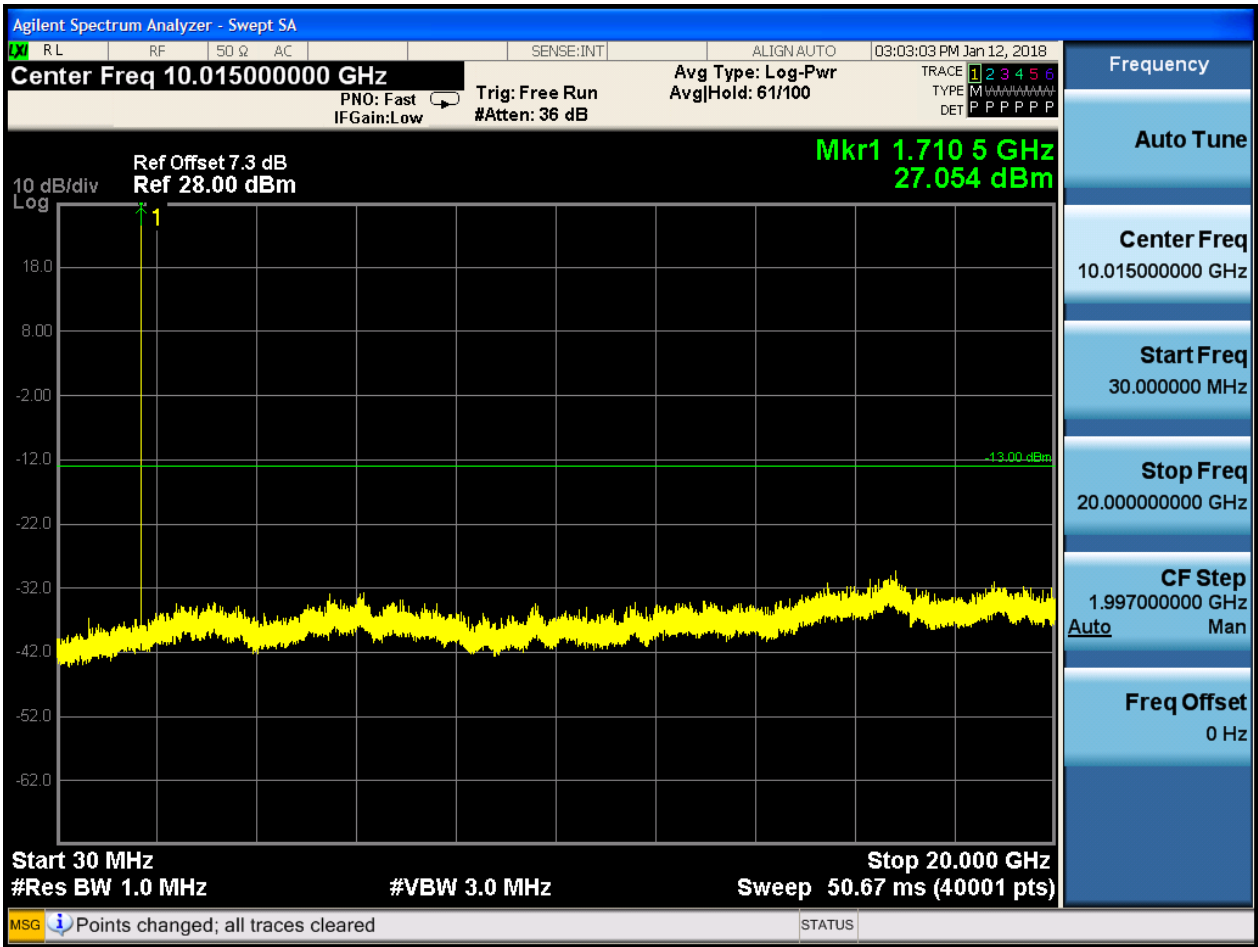
6.1.1.2.2 Test Bandwidth = 3

6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0



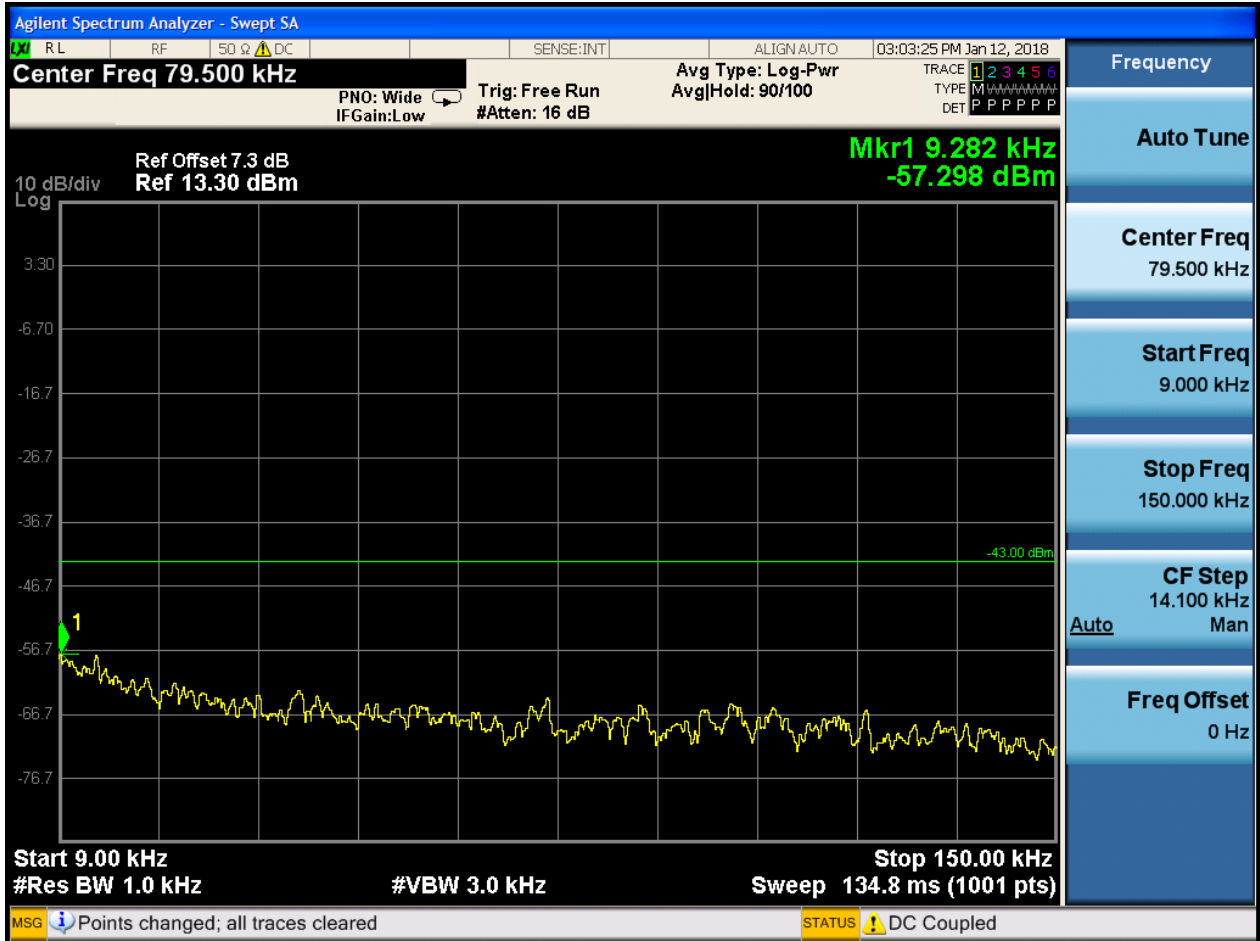


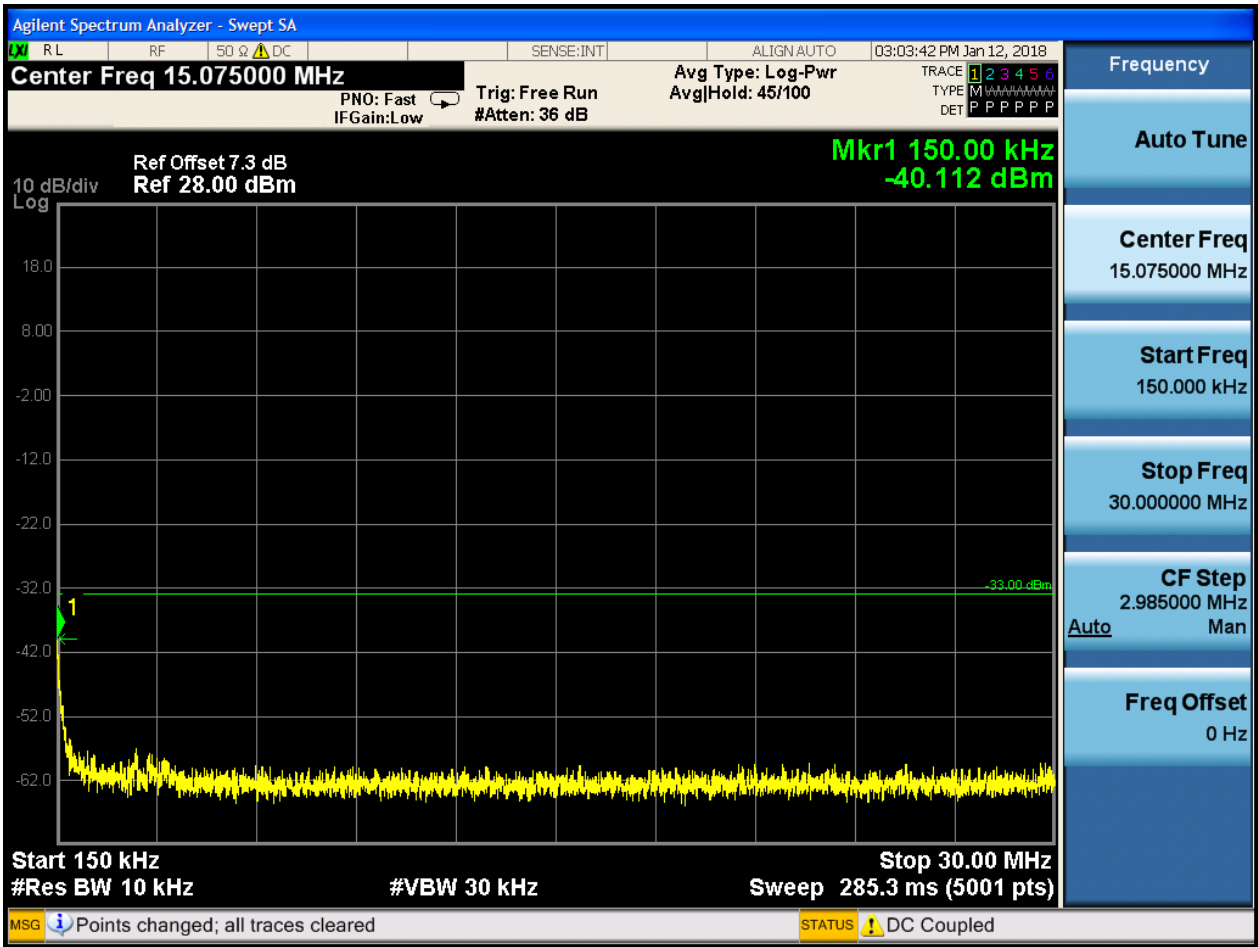


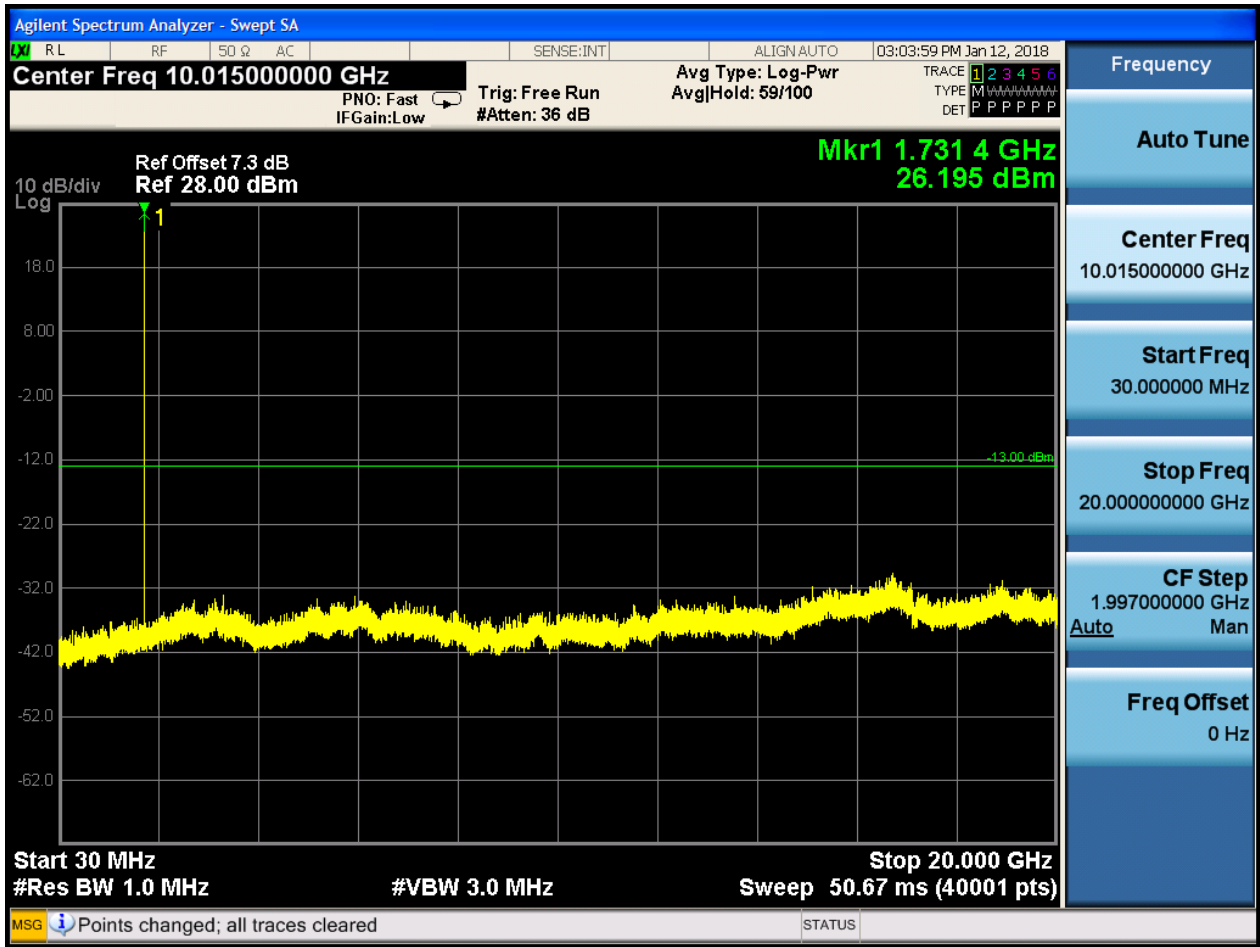


6.1.1.2.2 Test Channel = MCH

6.1.1.2.2.1 Test RB = RB1#0



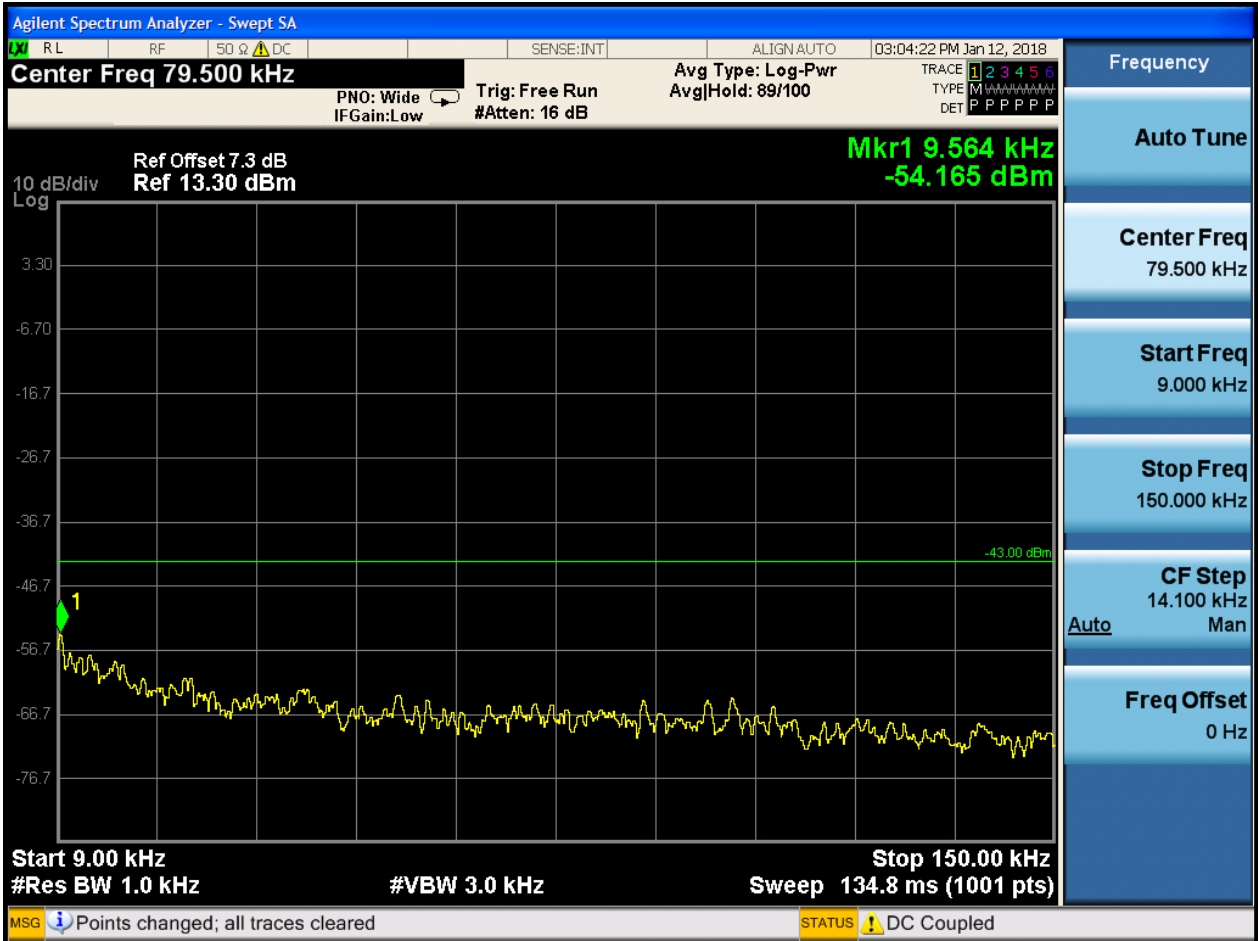


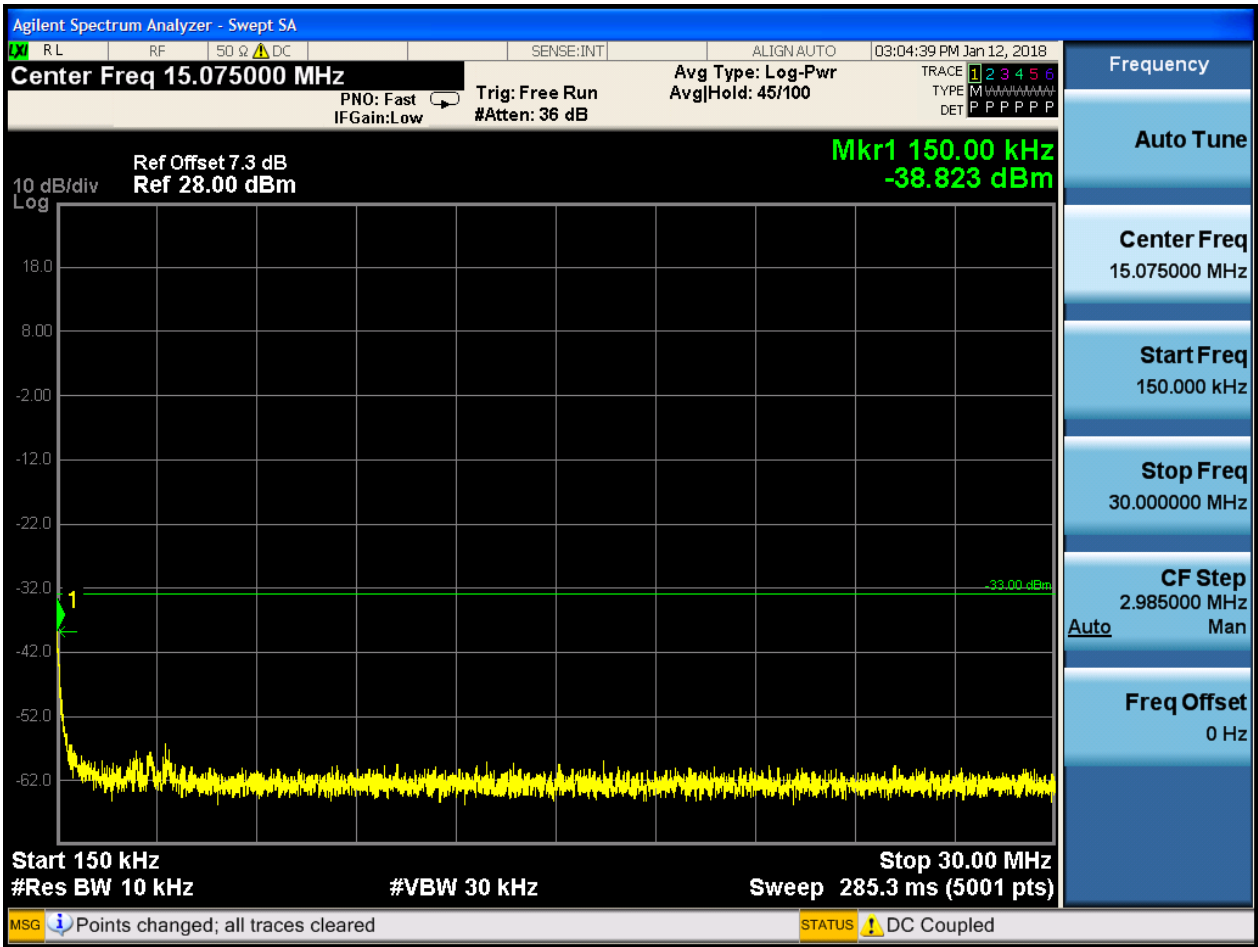


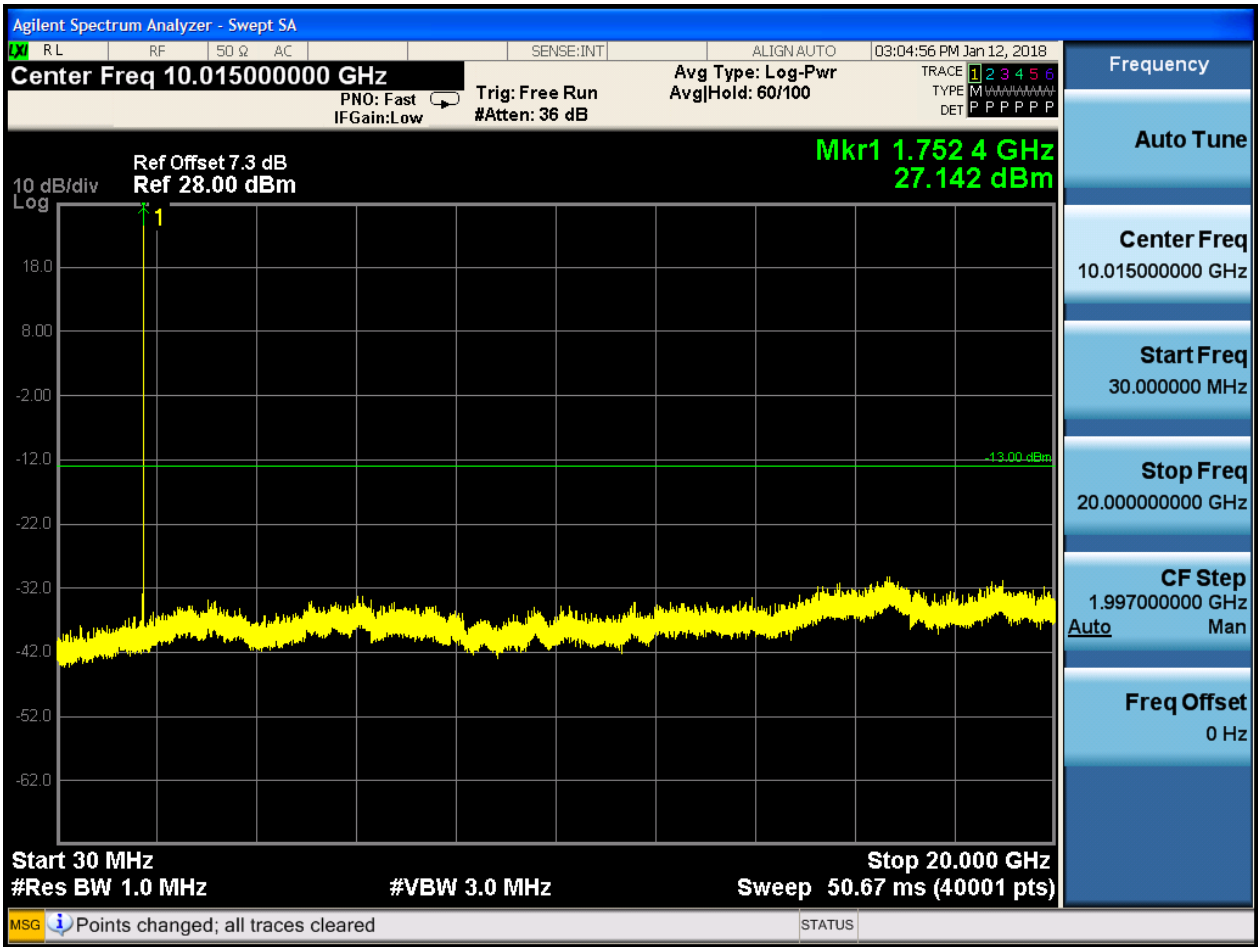


6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0





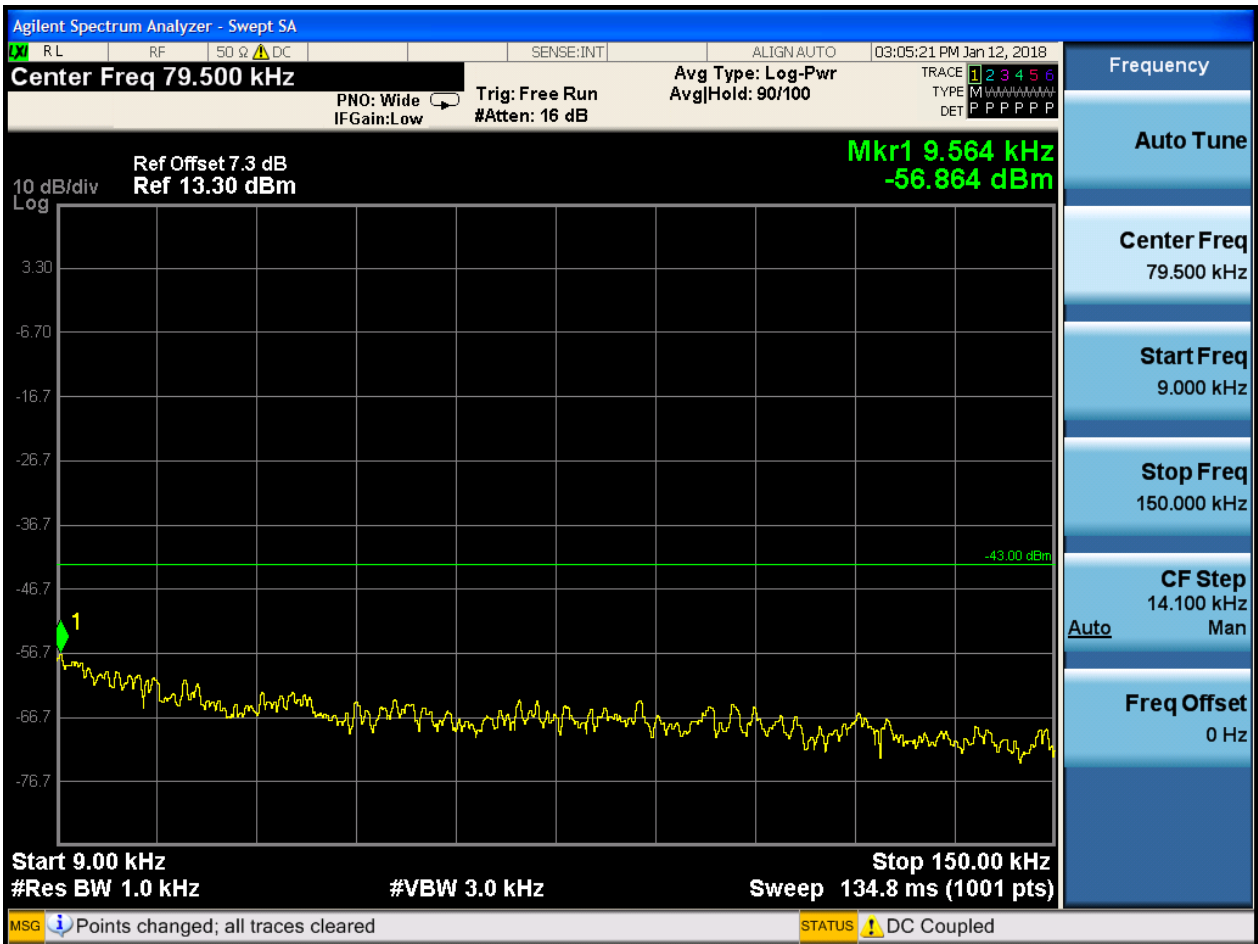


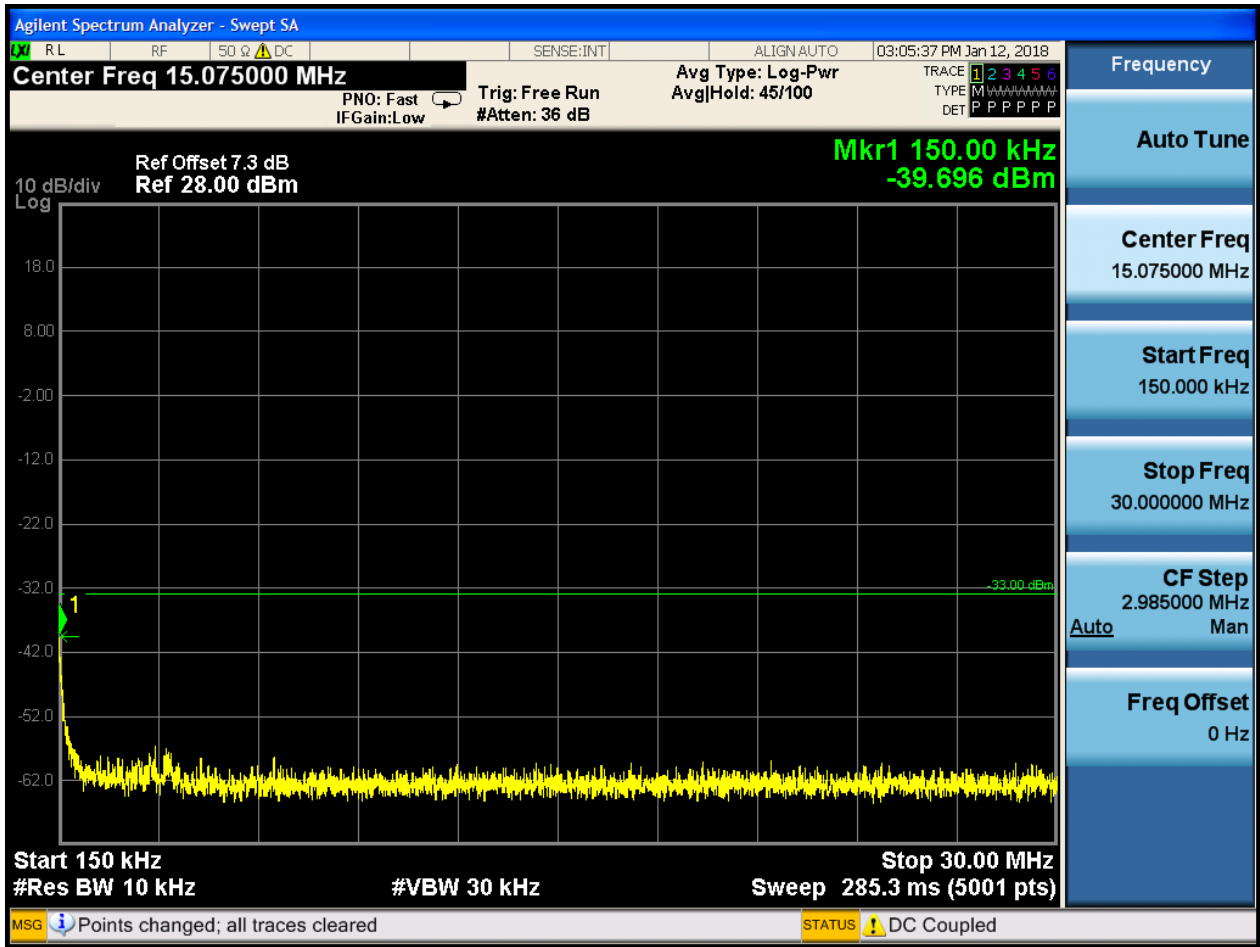


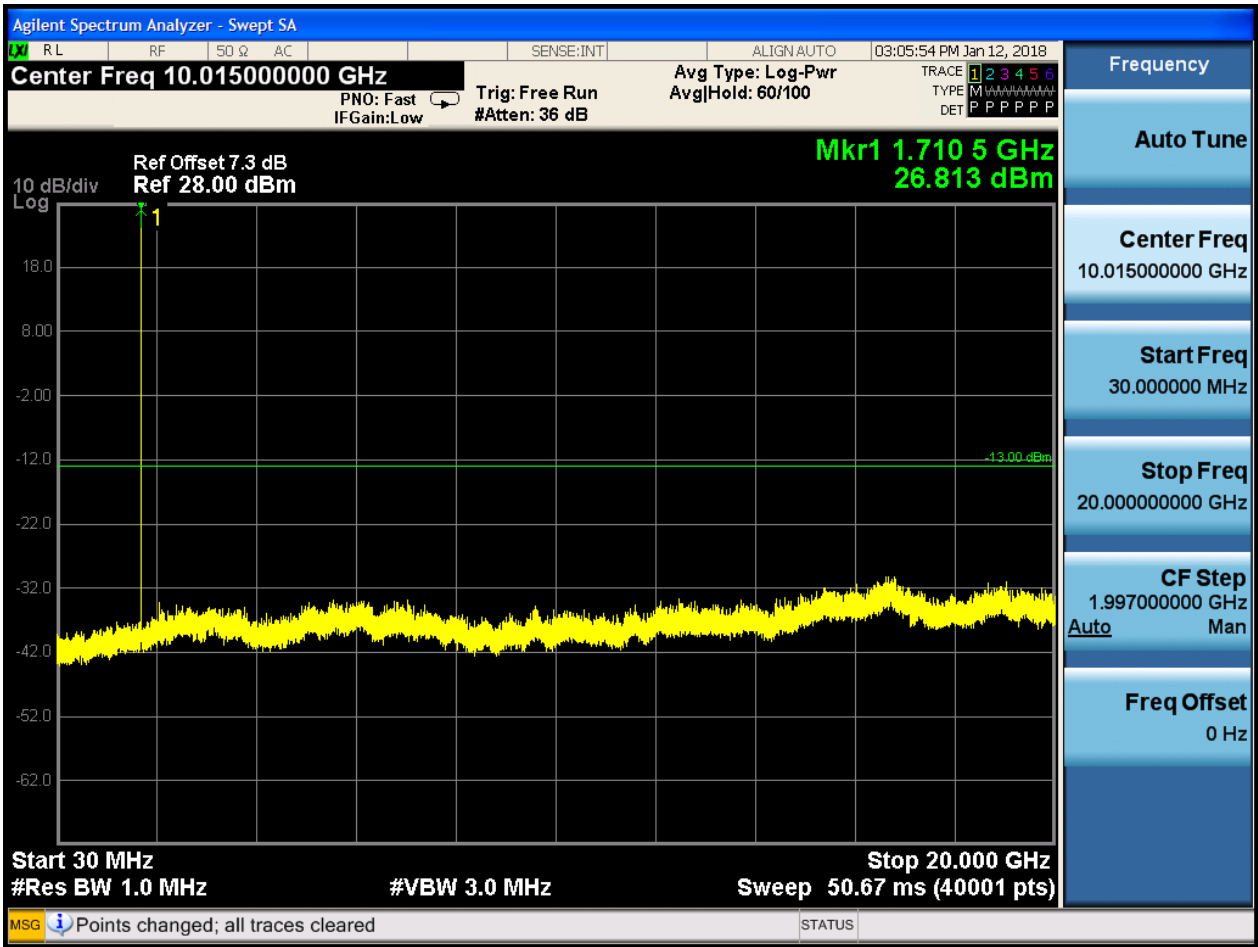
6.1.1.2.3 Test Bandwidth = 5

6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0



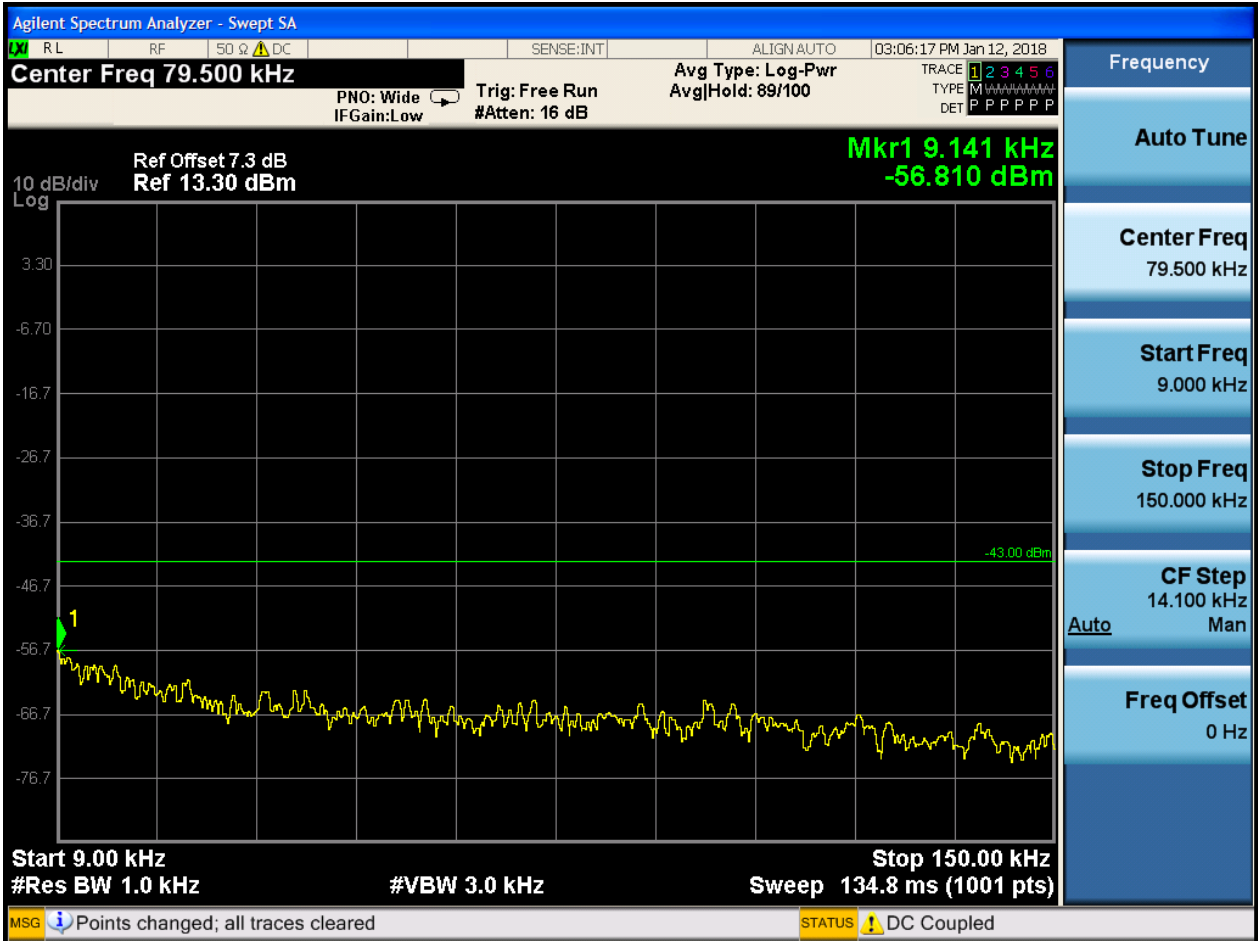


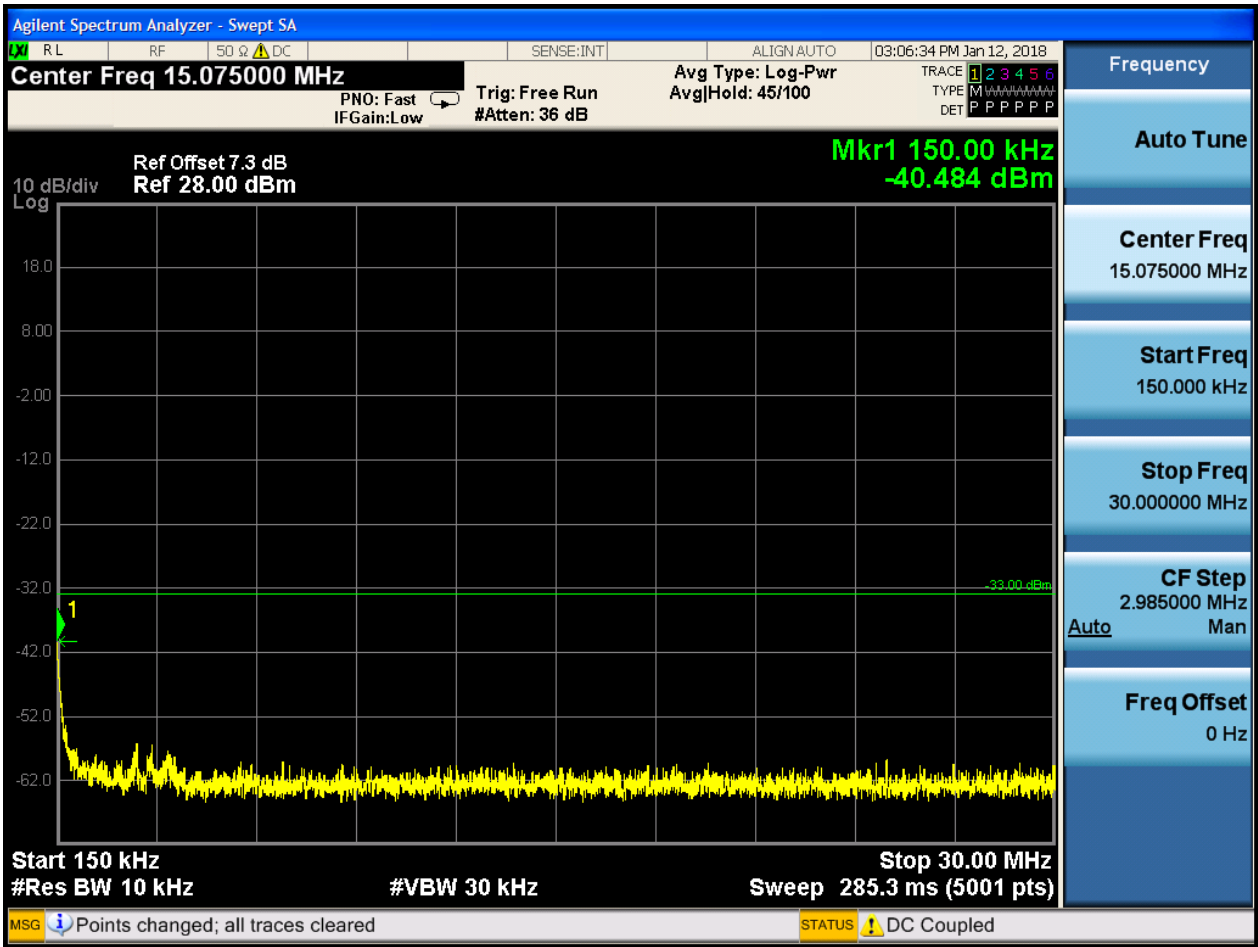


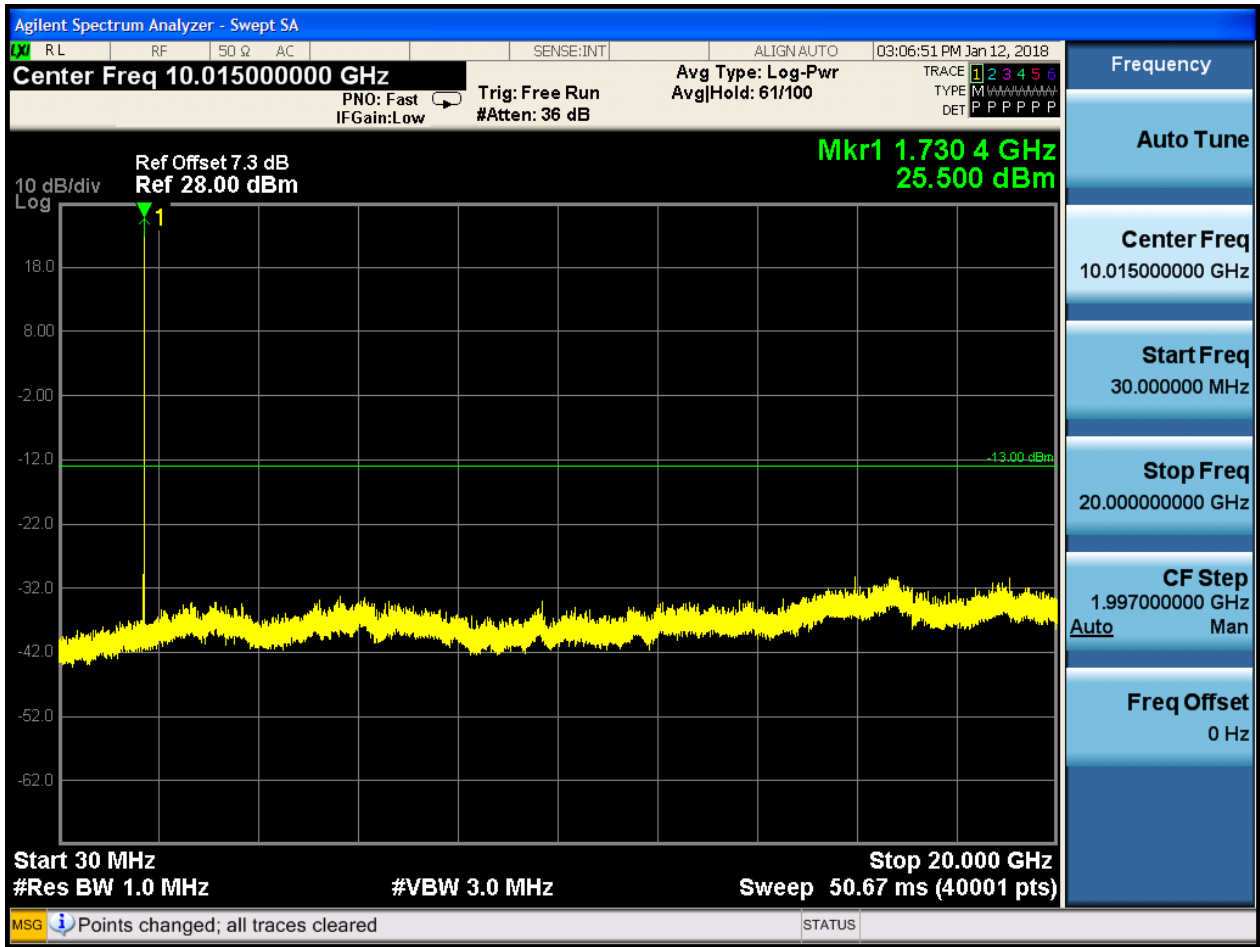


6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0



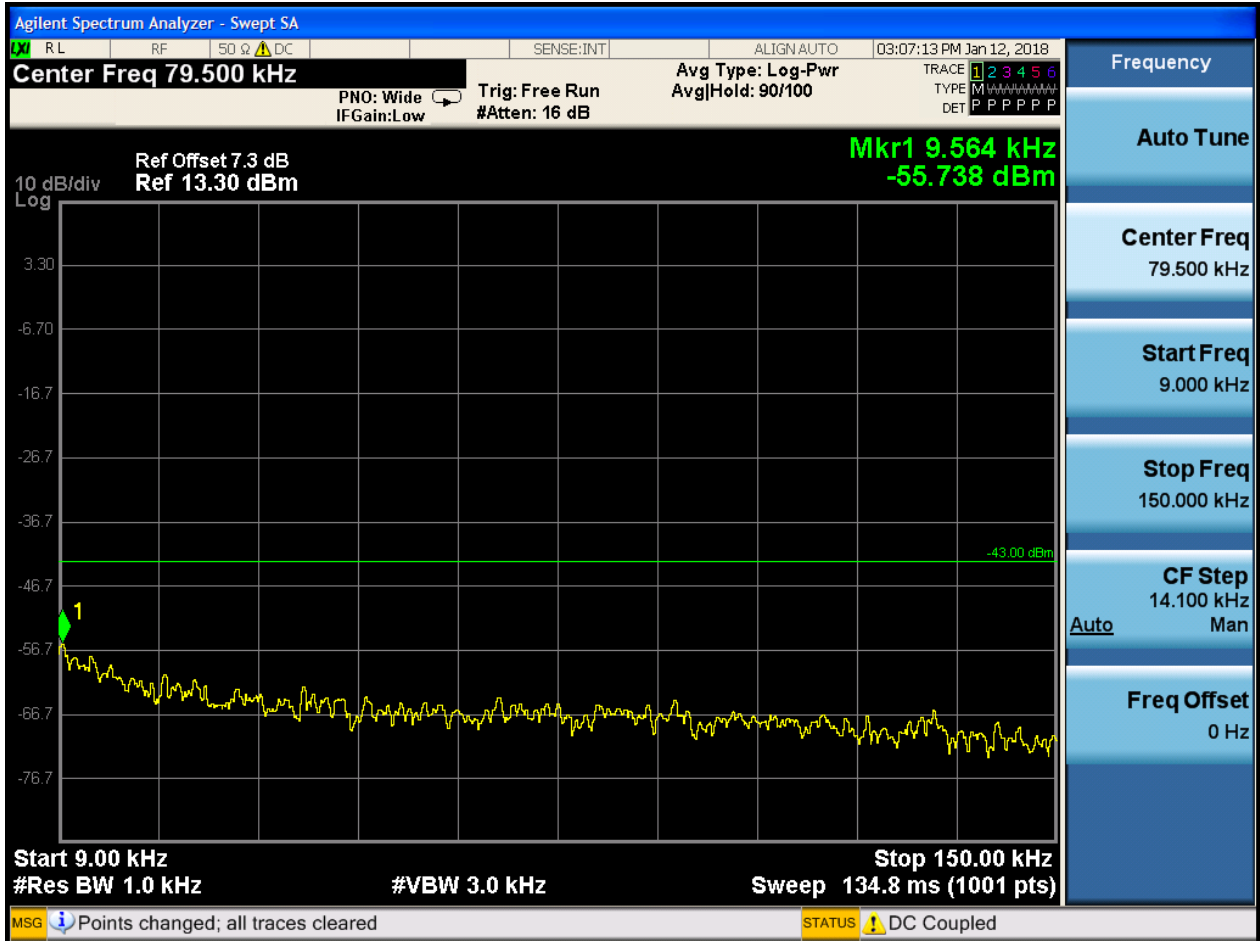


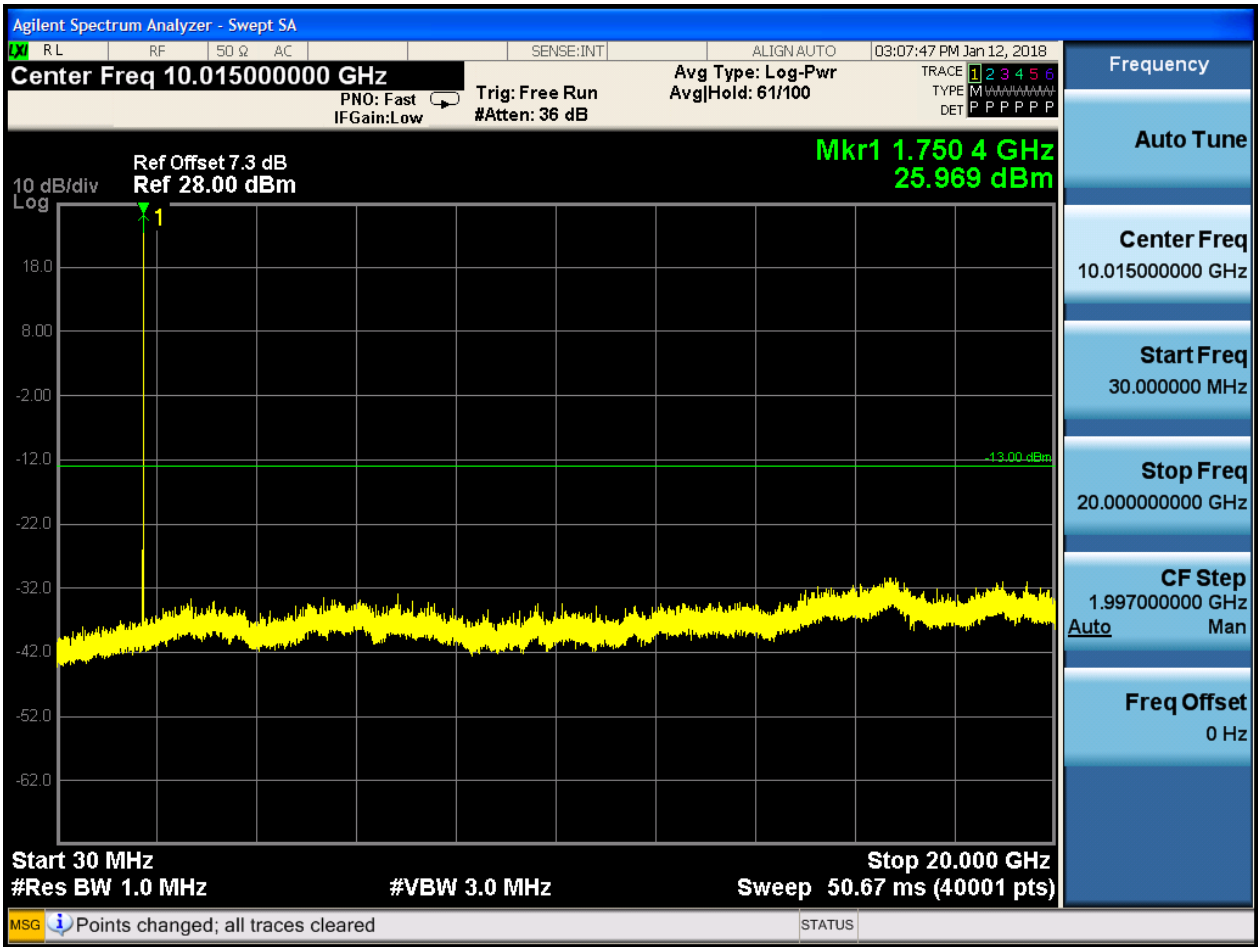




6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0



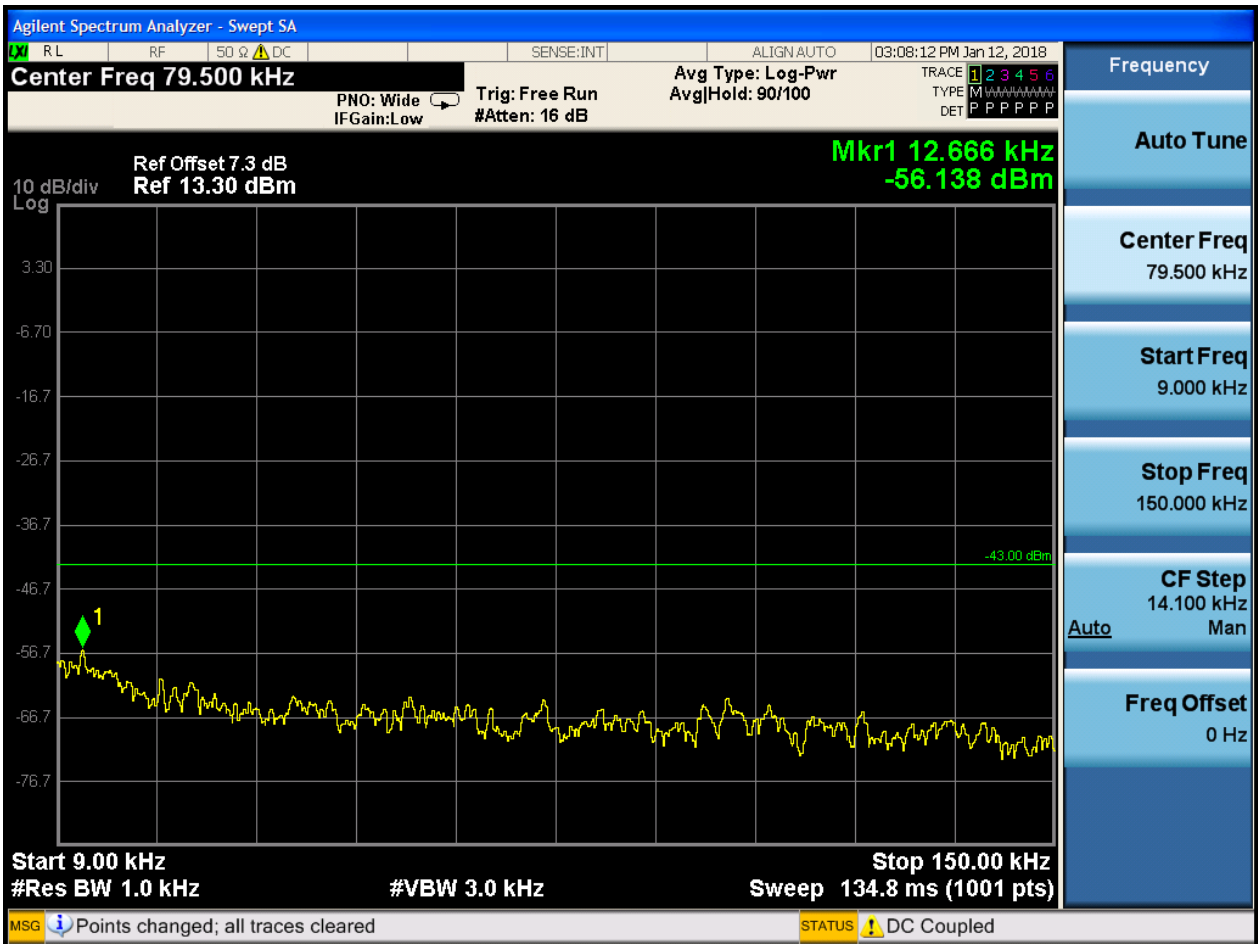


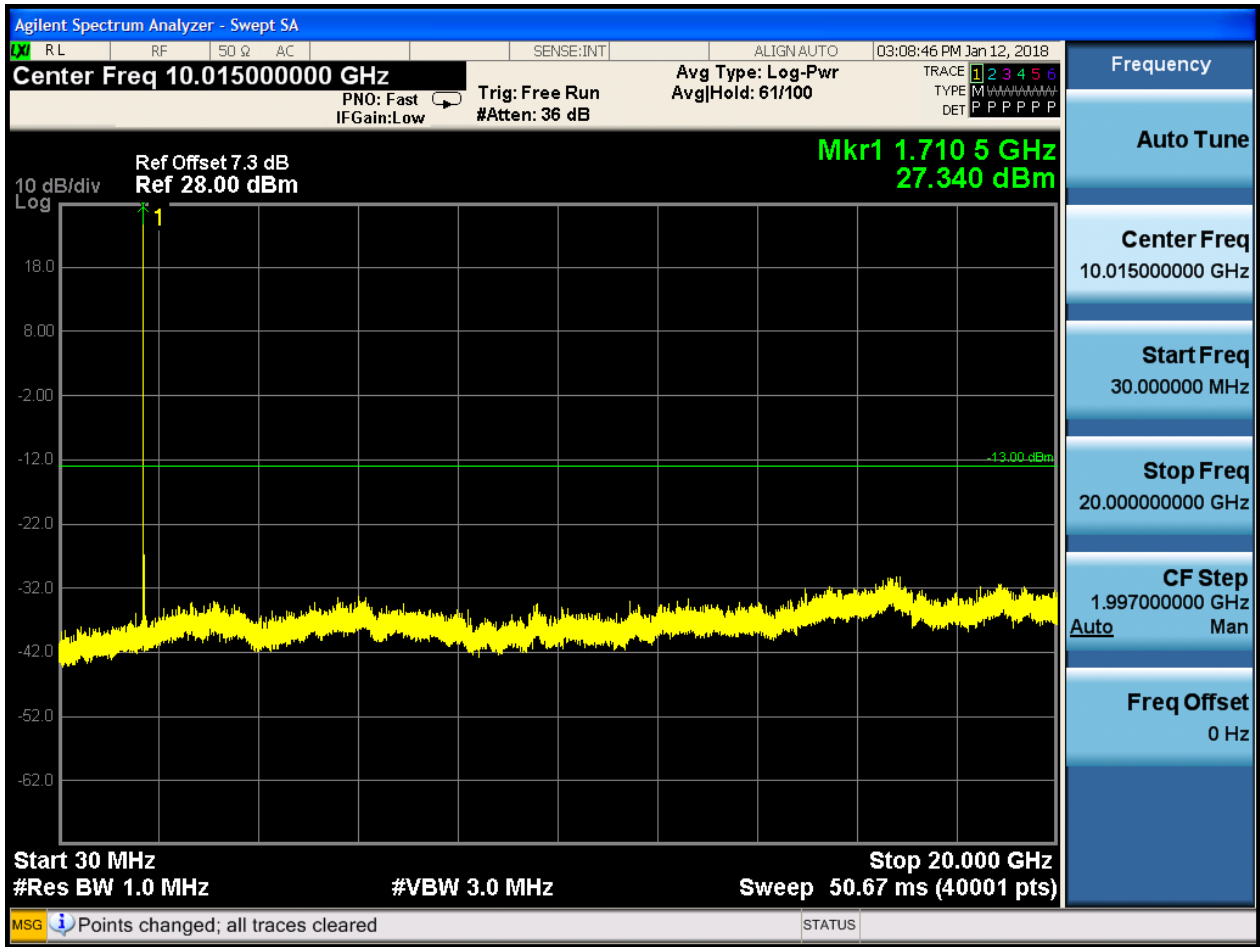


6.1.1.2.4 Test Bandwidth = 10

6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0

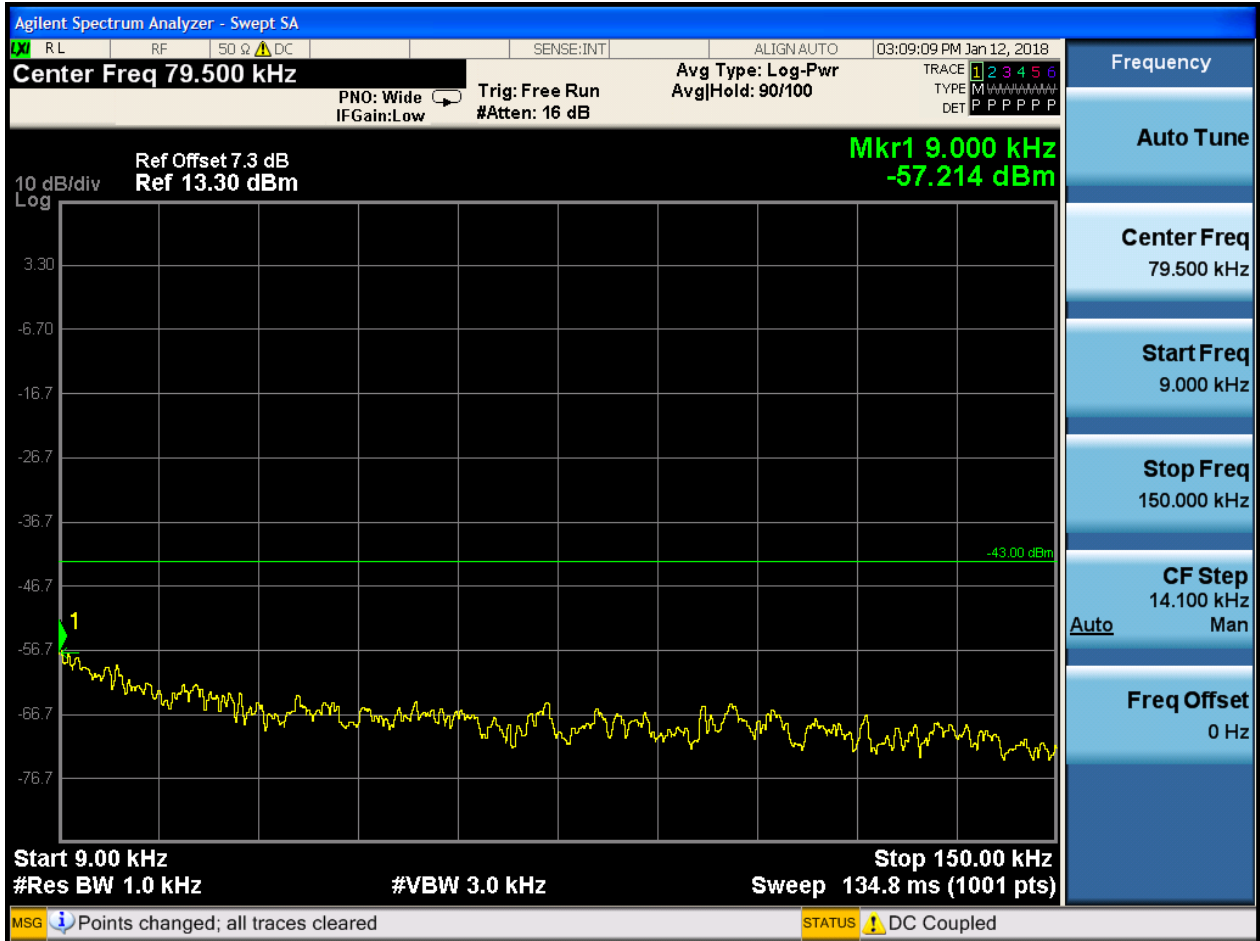


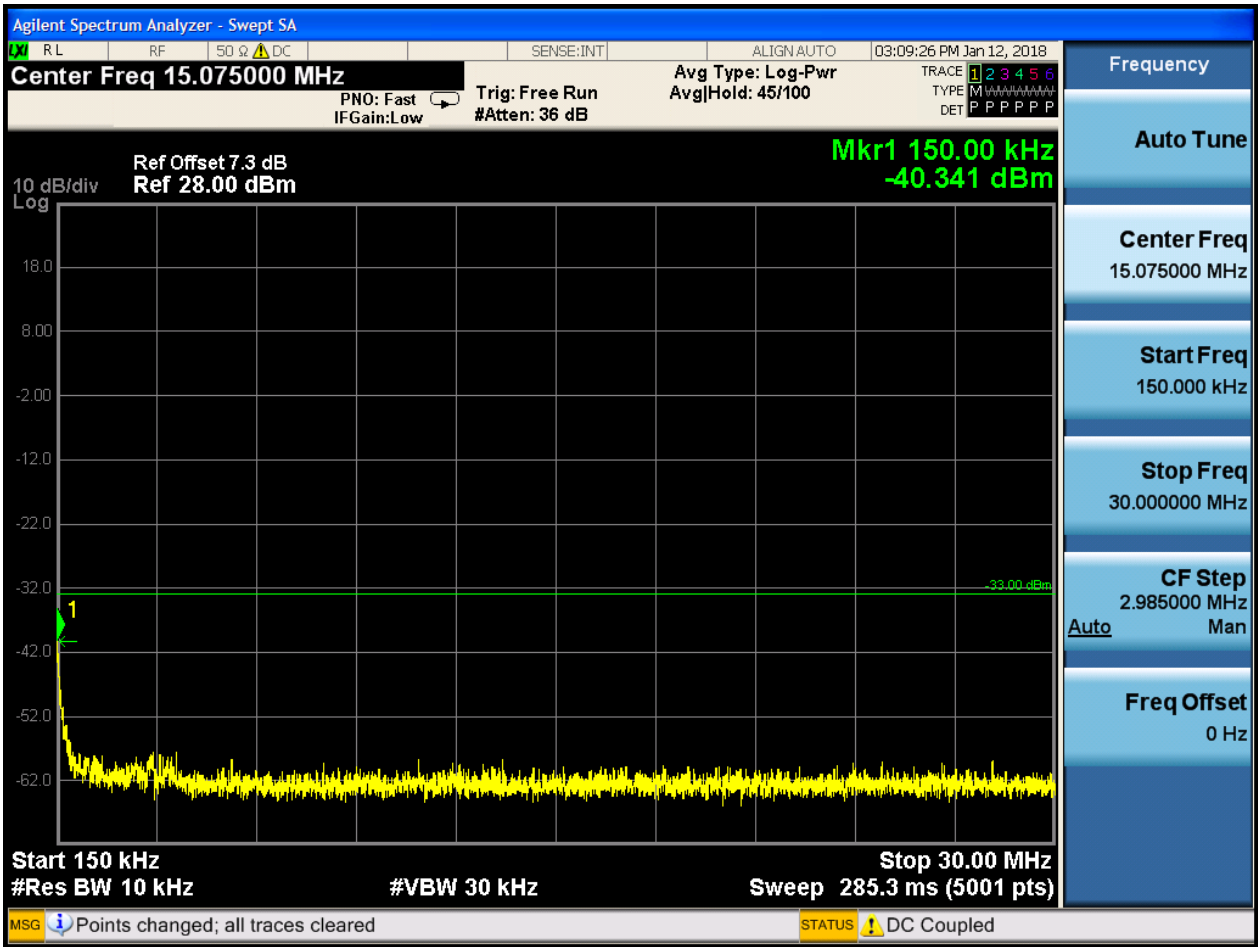


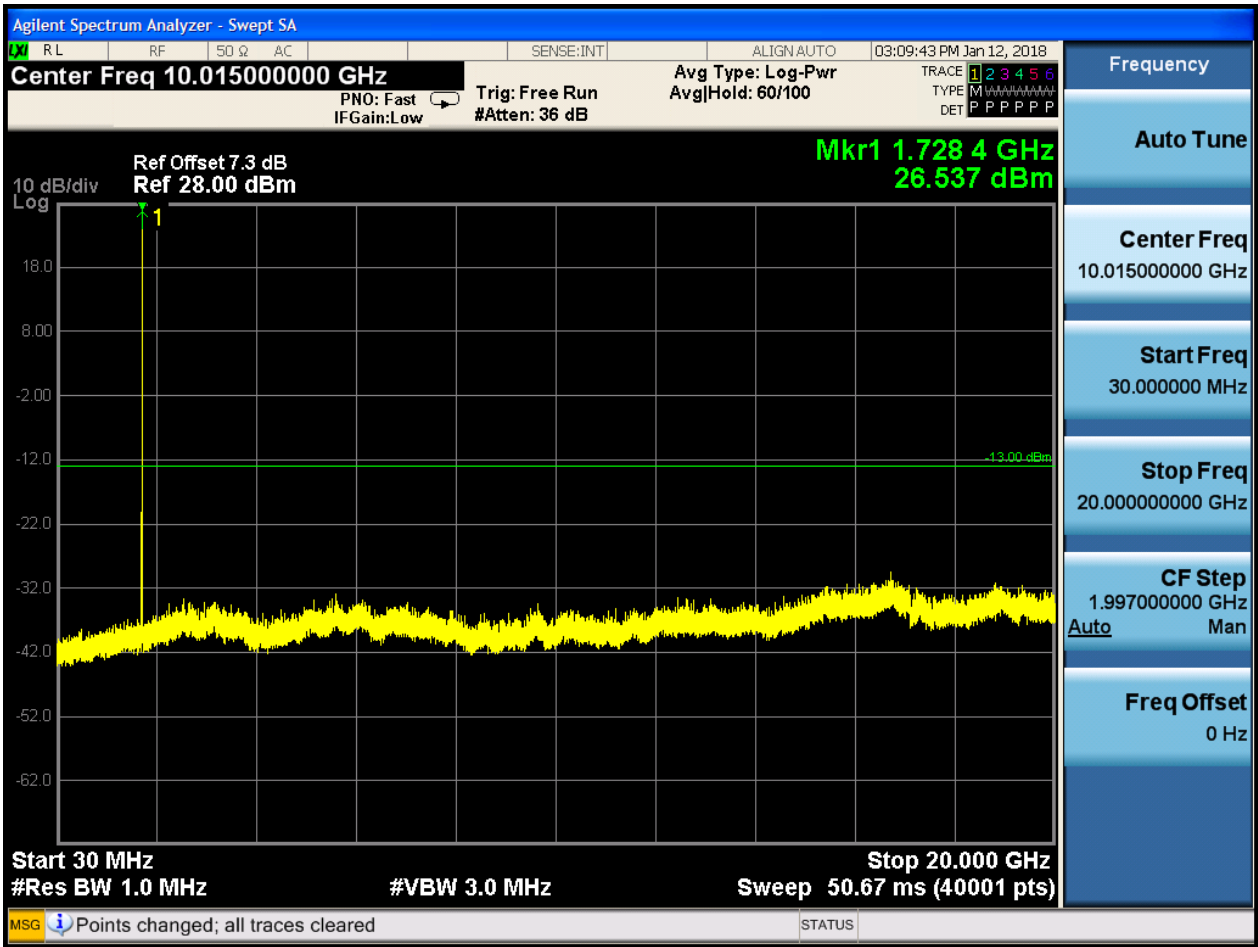


6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0



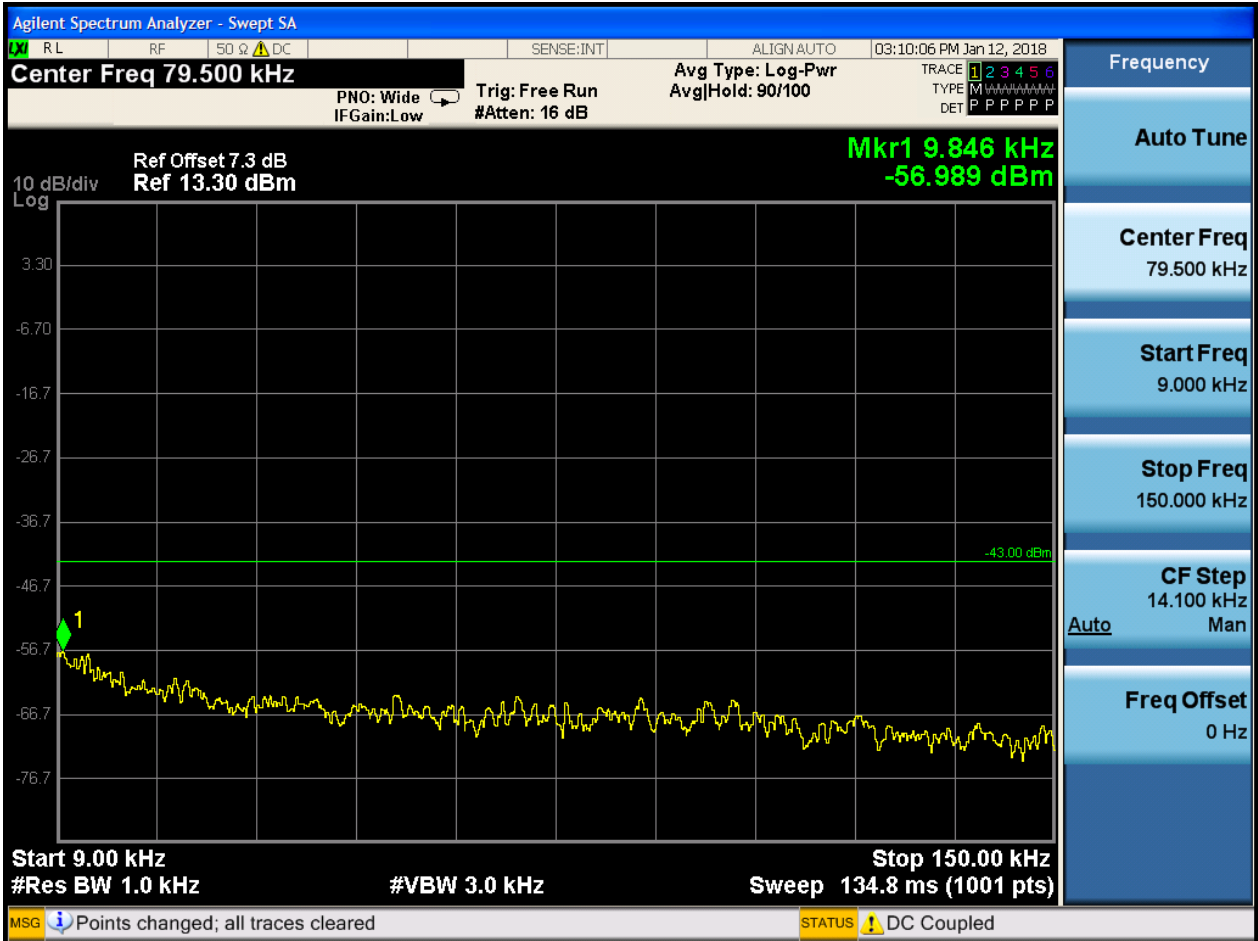


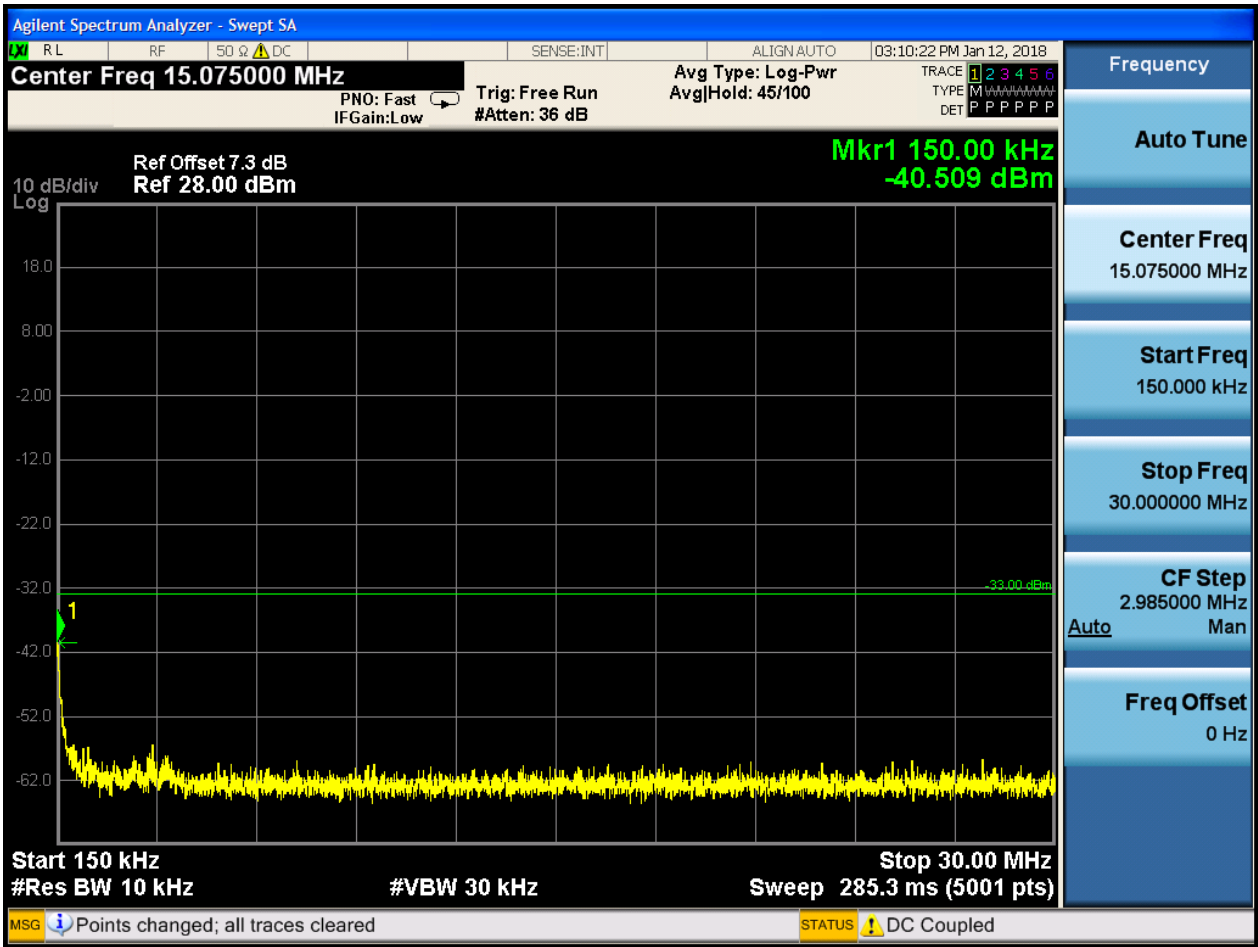


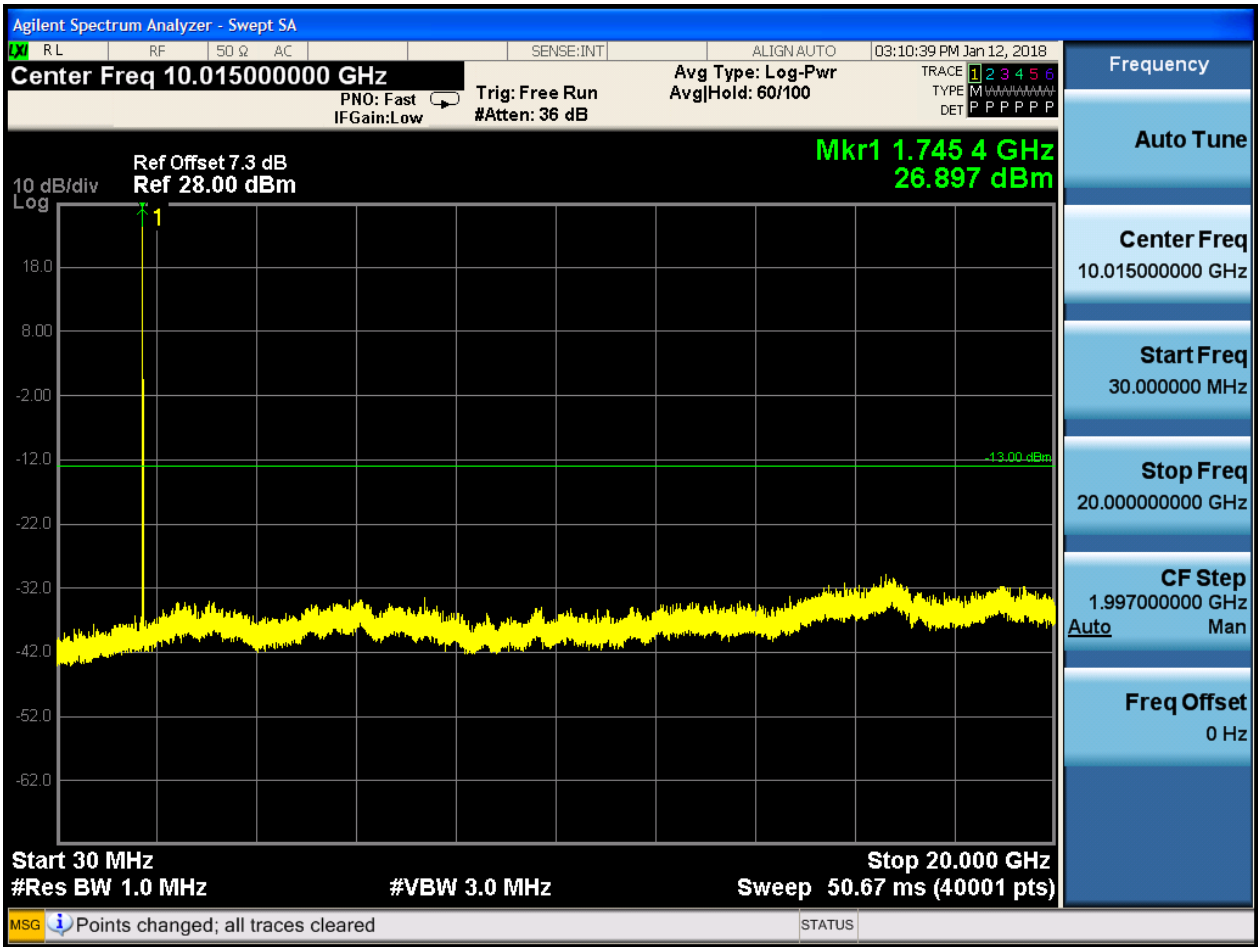


6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 Test RB = RB1#0





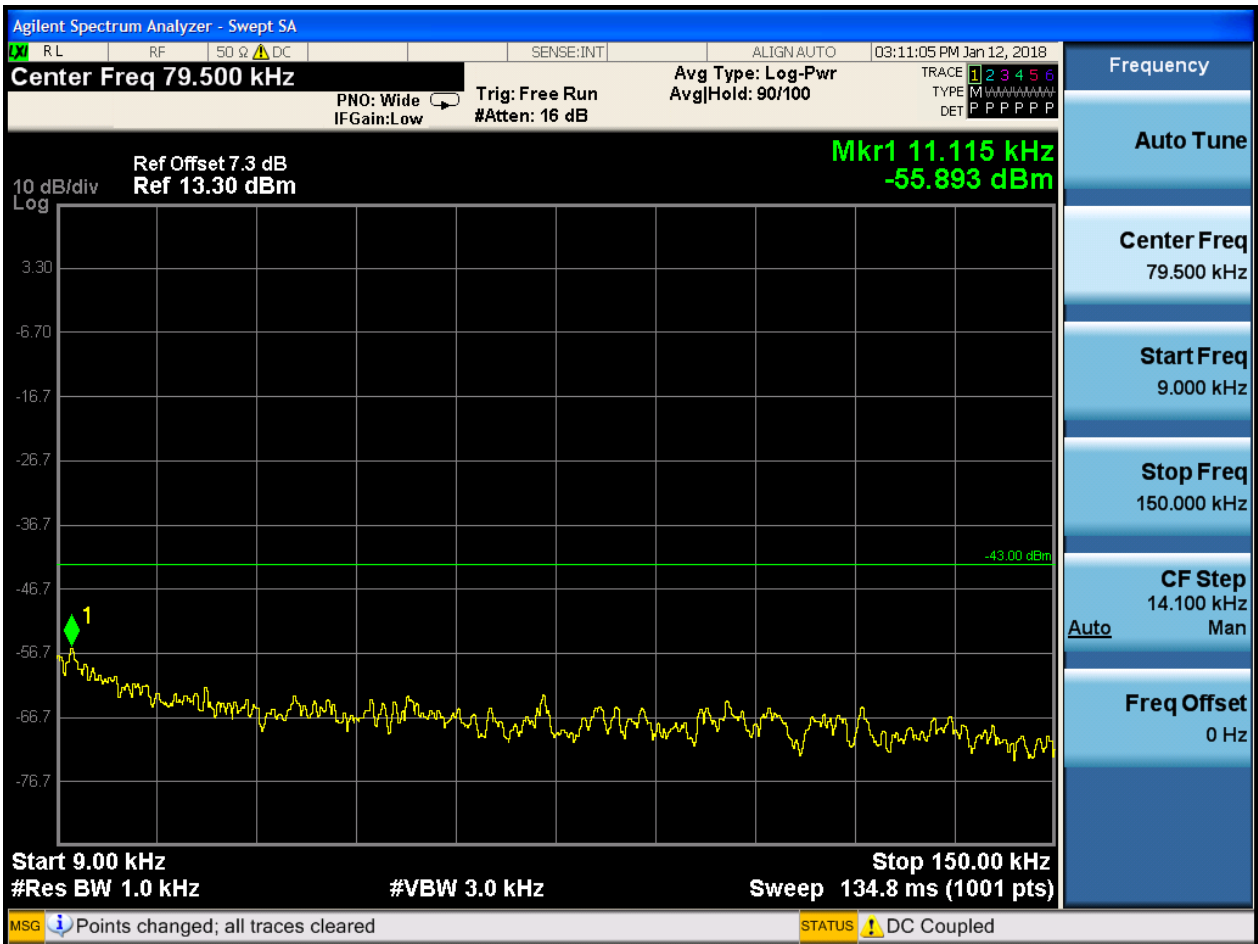




6.1.1.2.5 Test Bandwidth = 15

6.1.1.2.5.1 Test Channel = LCH

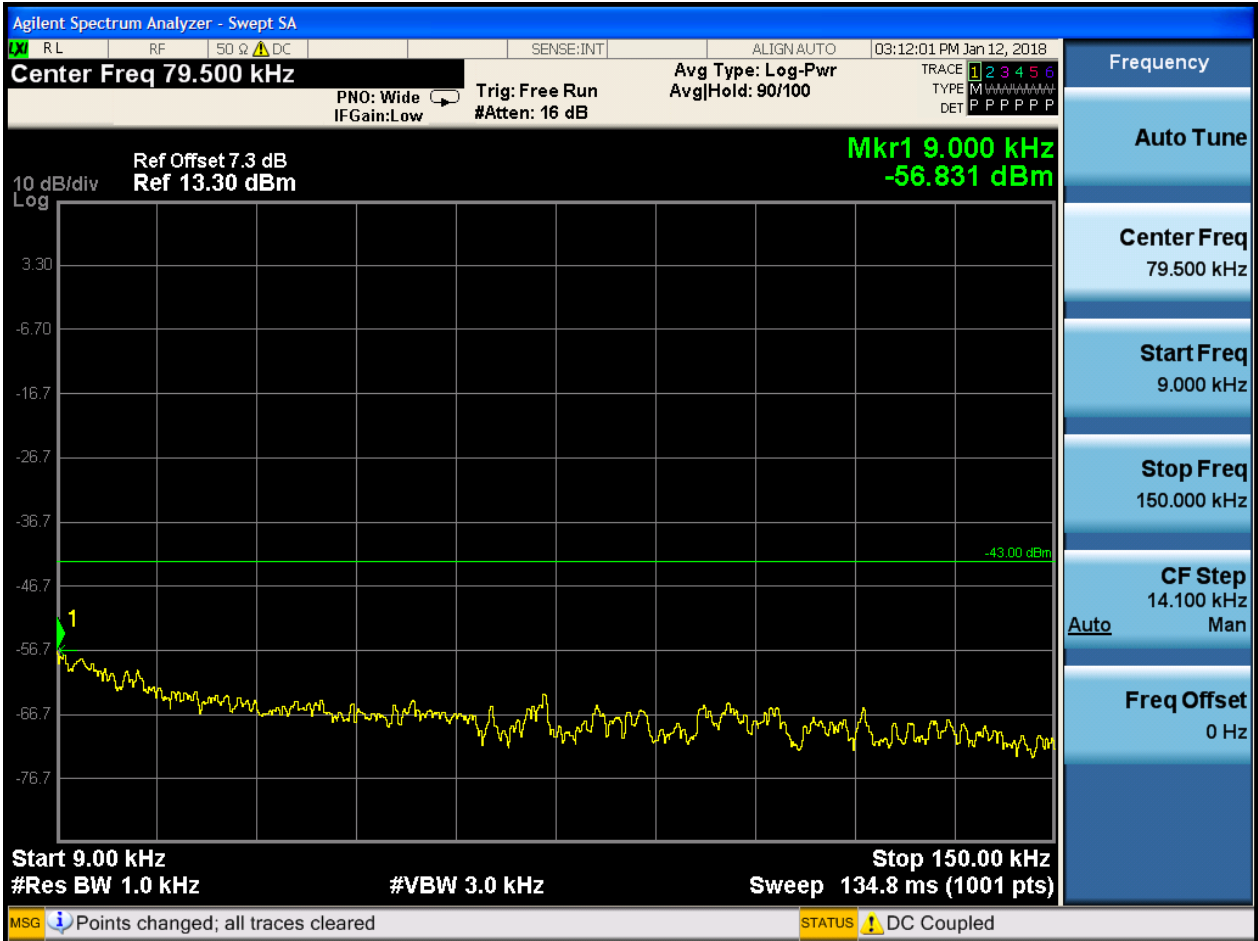
6.1.1.2.5.1.1 Test RB = RB1#0

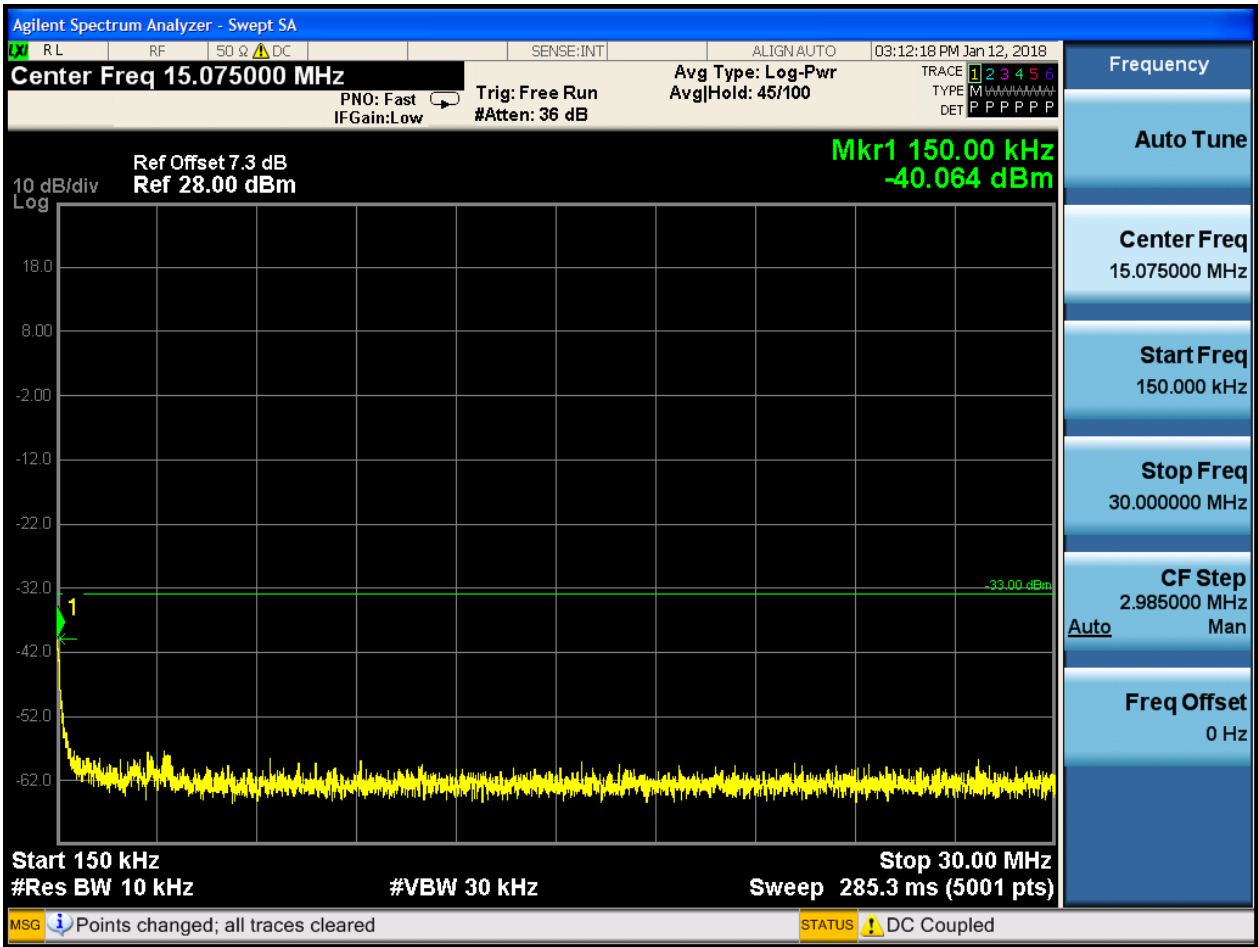


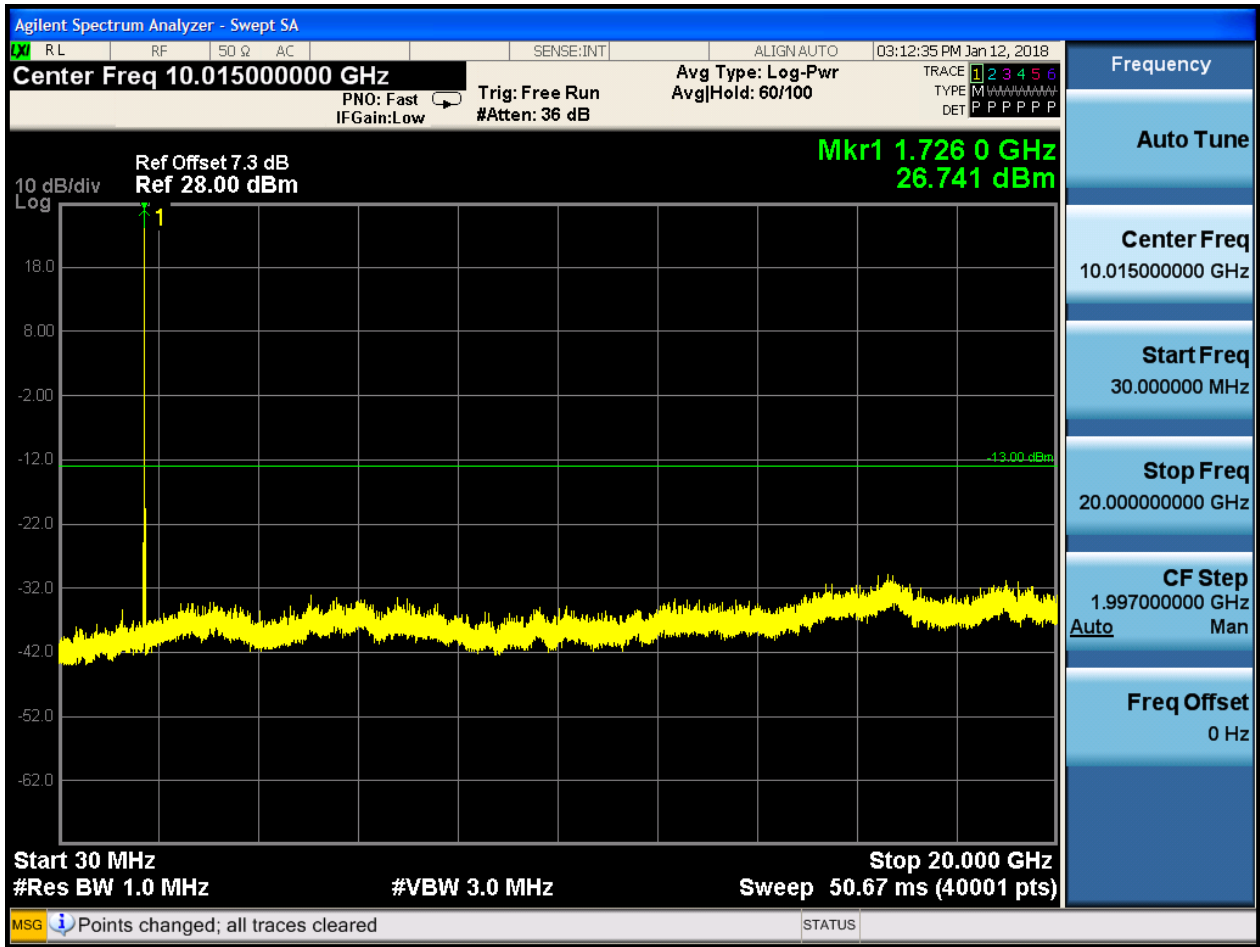


6.1.1.2.5.2 Test Channel = MCH

6.1.1.2.5.2.1 Test RB = RB1#0



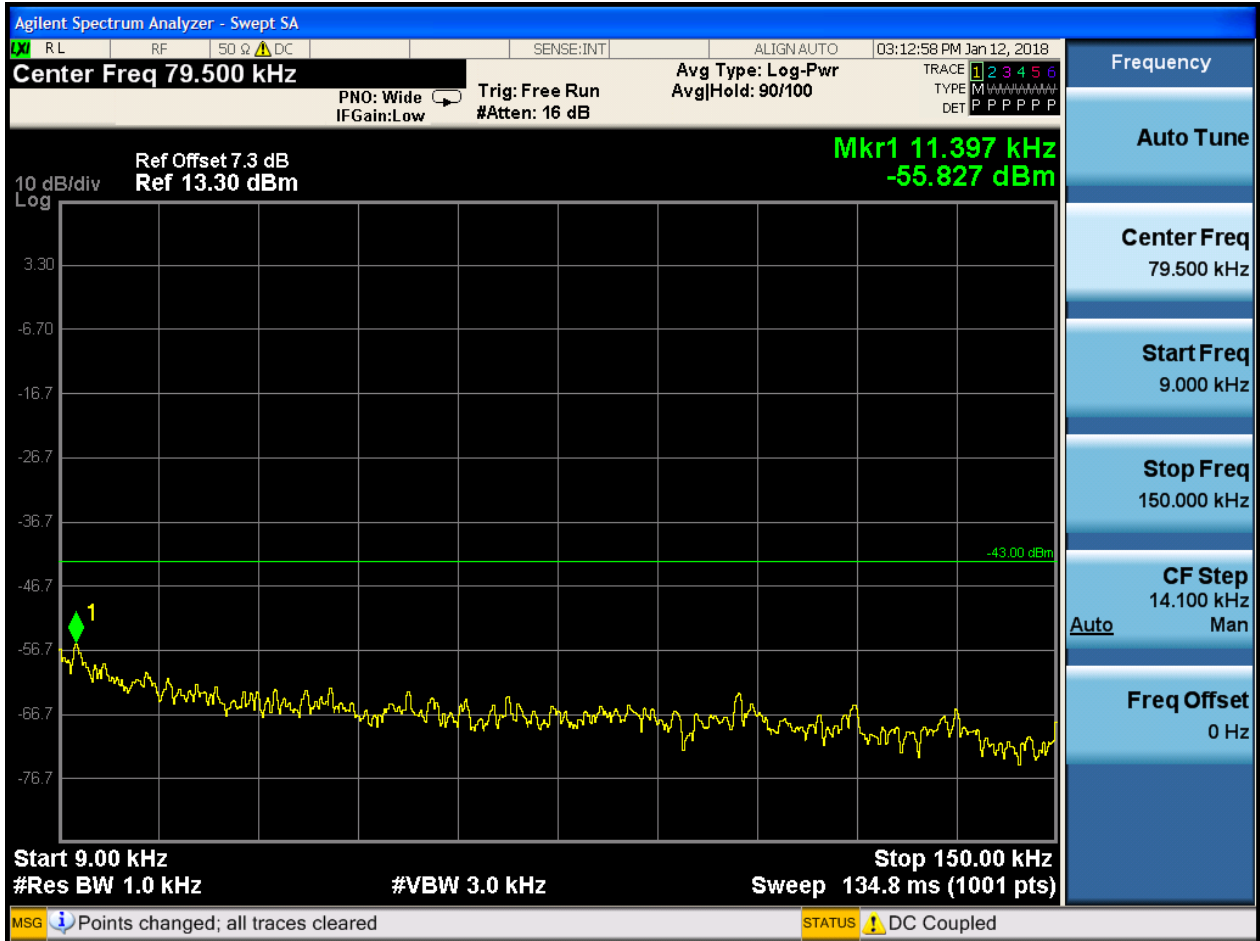


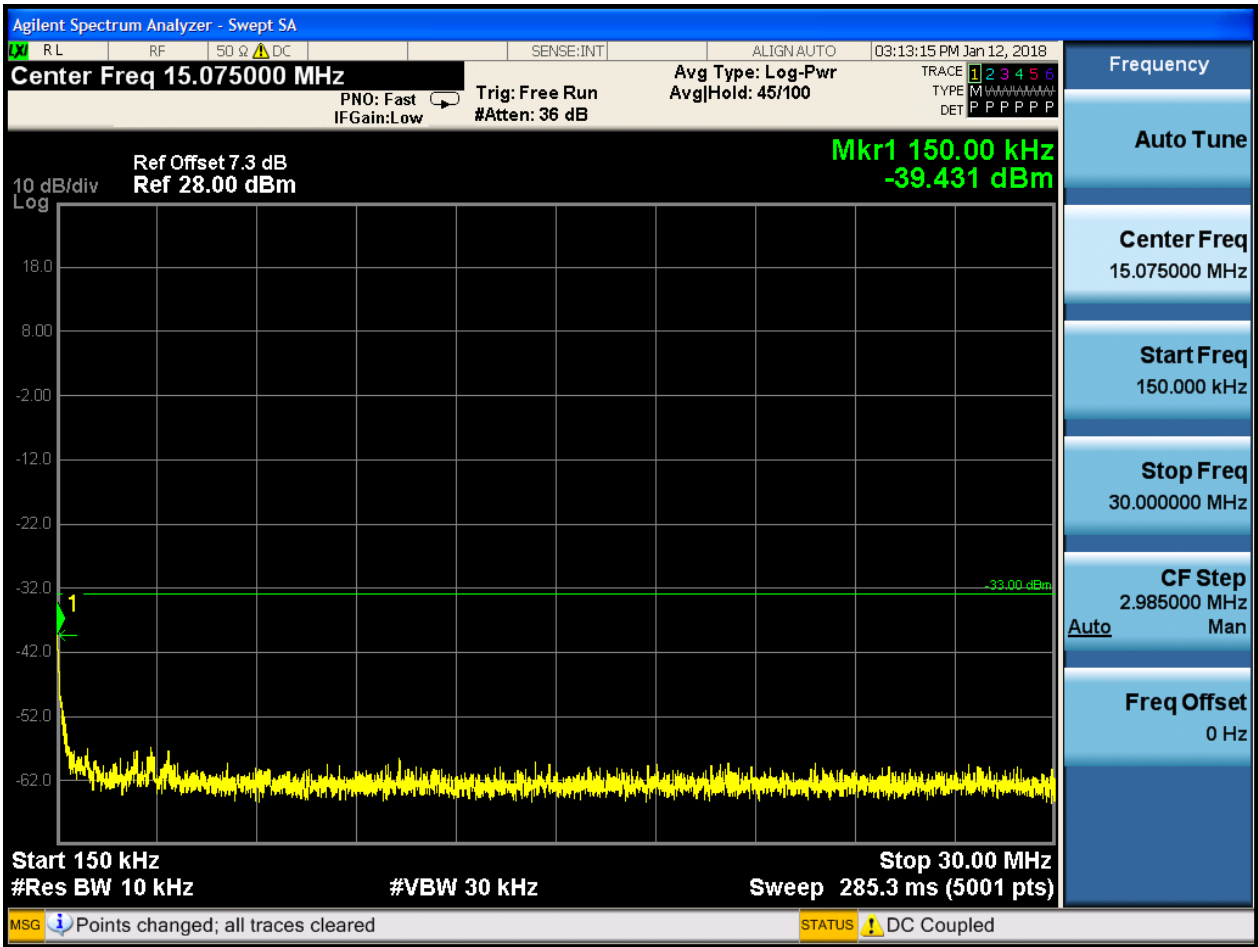


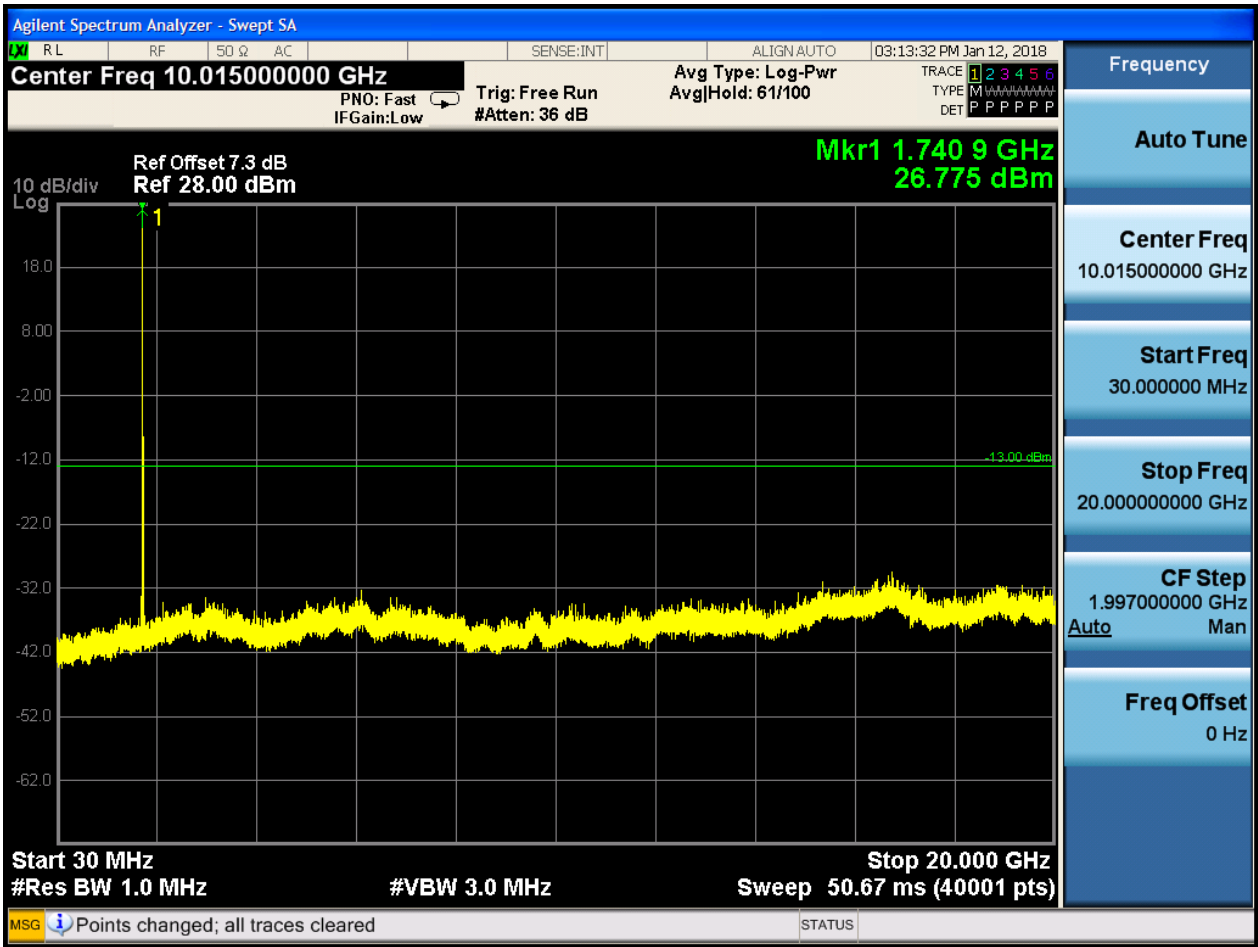


6.1.1.2.5.3 Test Channel = HCH

6.1.1.2.5.3.1 Test RB = RB1#0





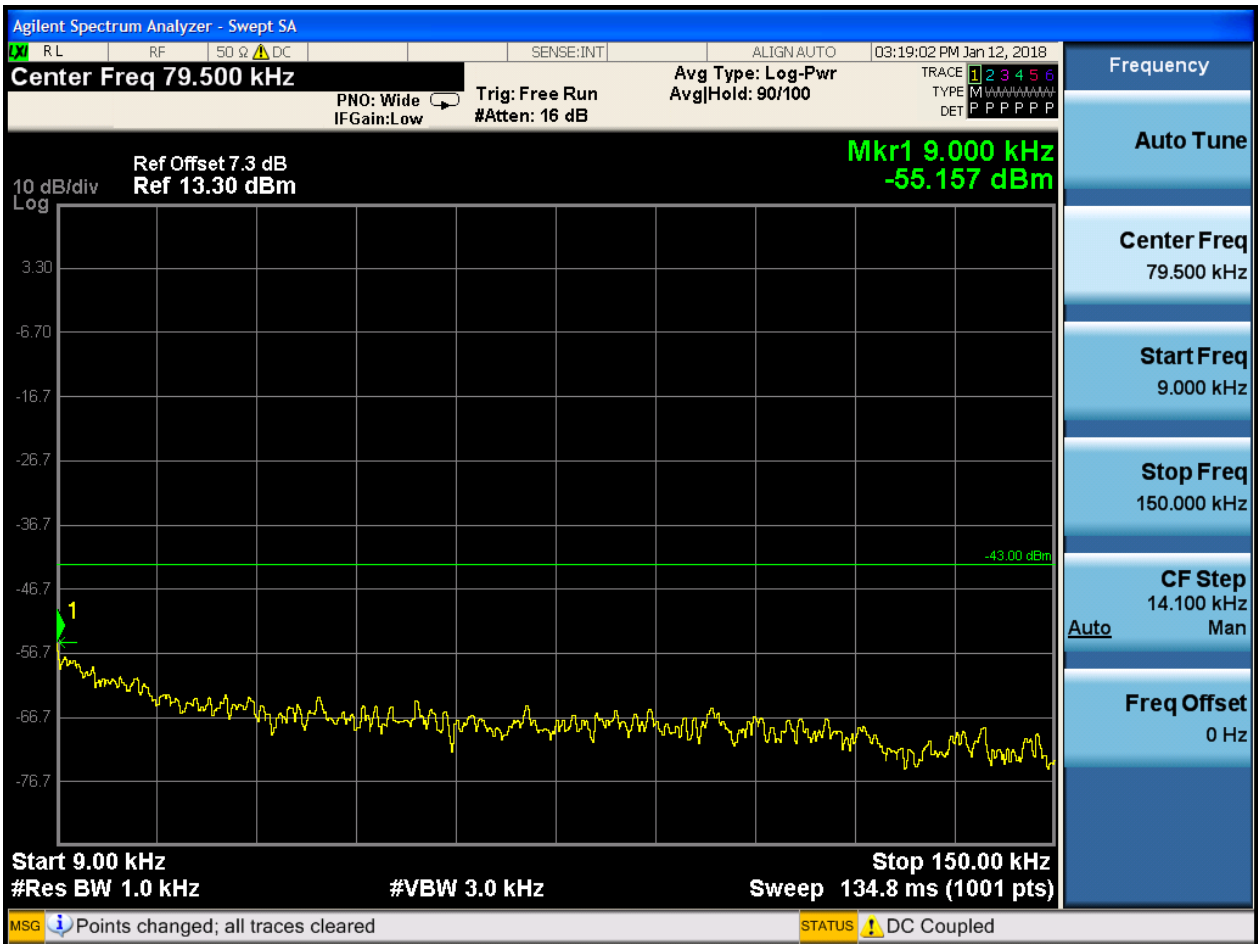


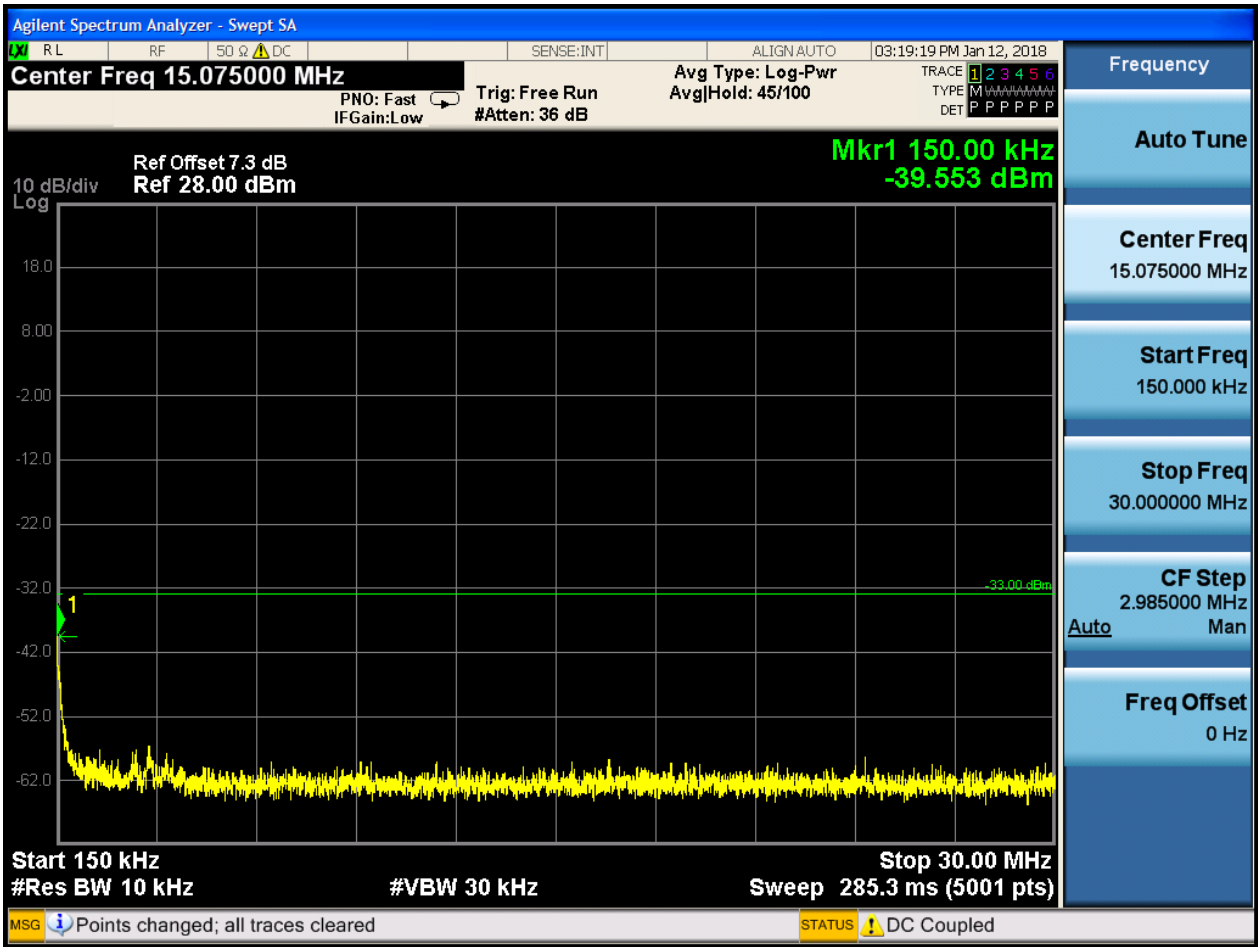


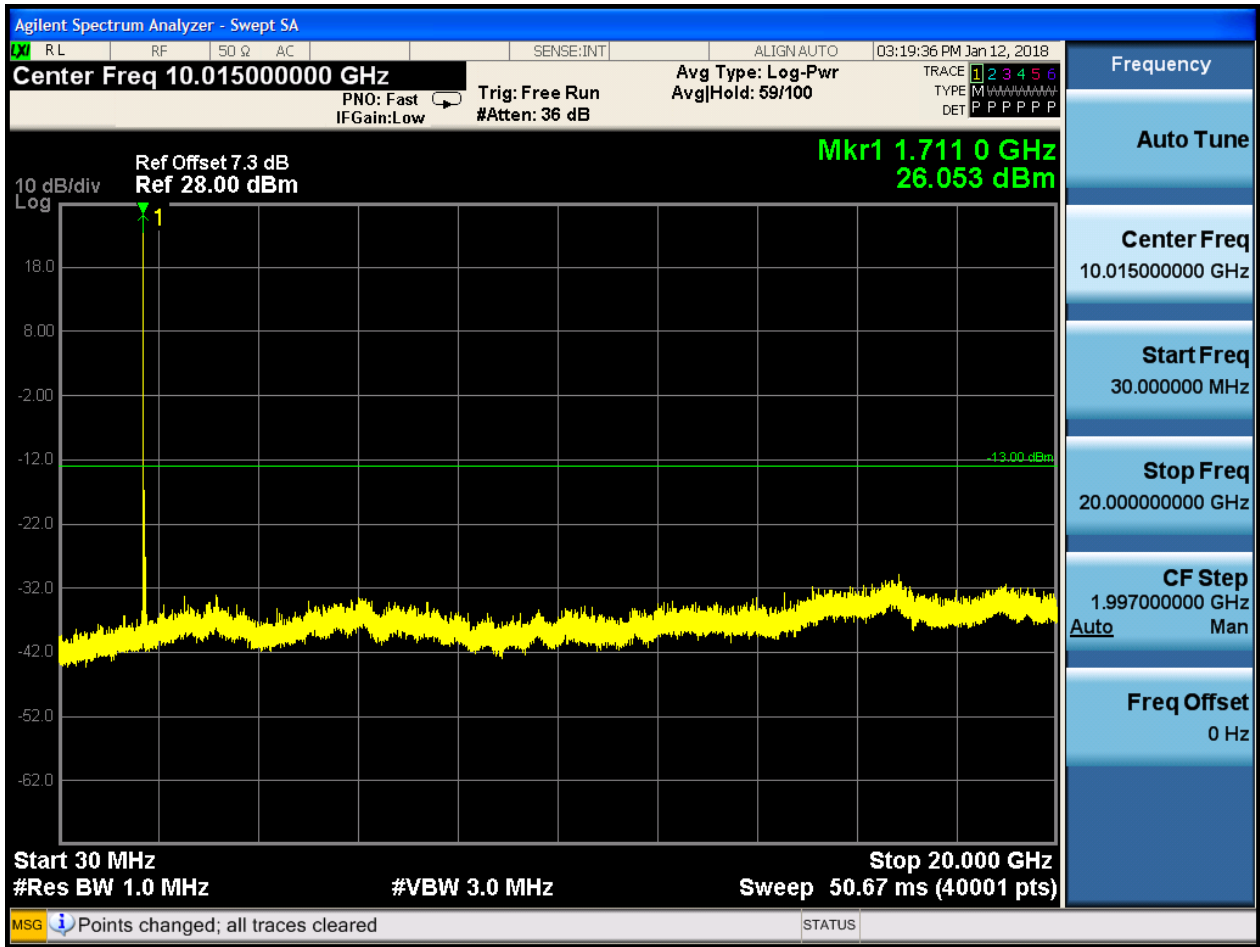
6.1.1.2.6 Test Bandwidth = 20

6.1.1.2.6.1 Test Channel = LCH

6.1.1.2.6.1.1 Test RB = RB1#0



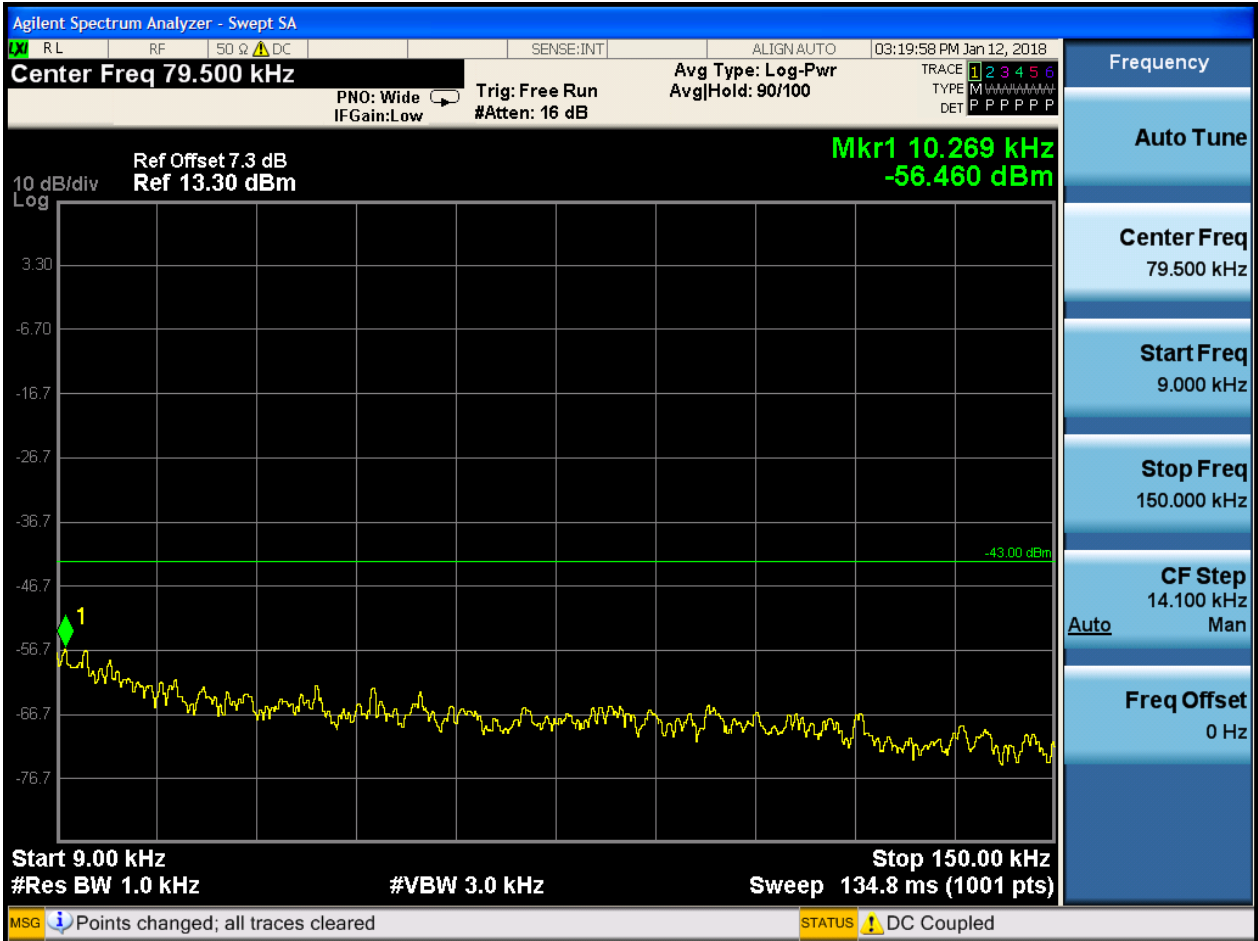


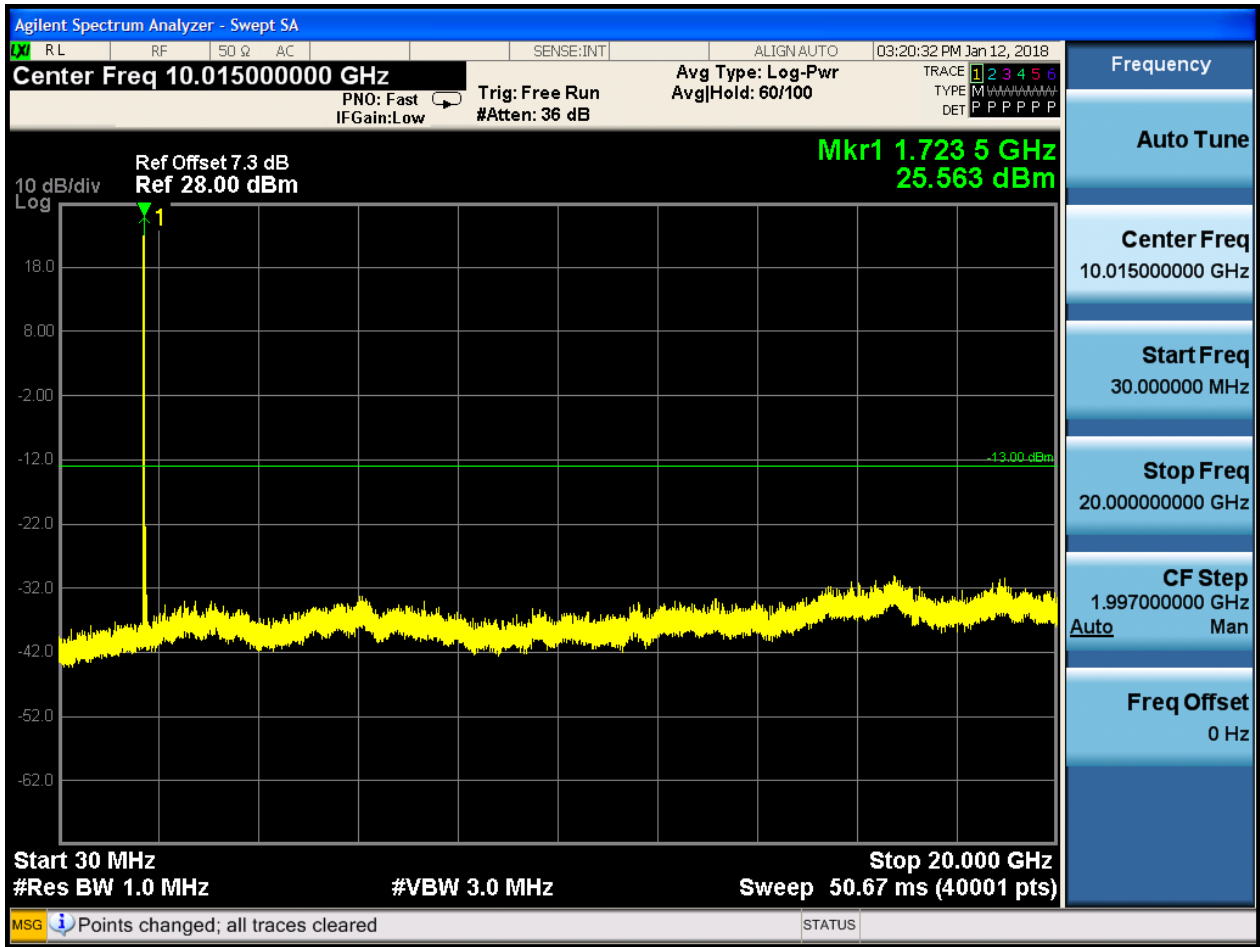




6.1.1.2.6.2 Test Channel = MCH

6.1.1.2.6.2.1 Test RB = RB1#0

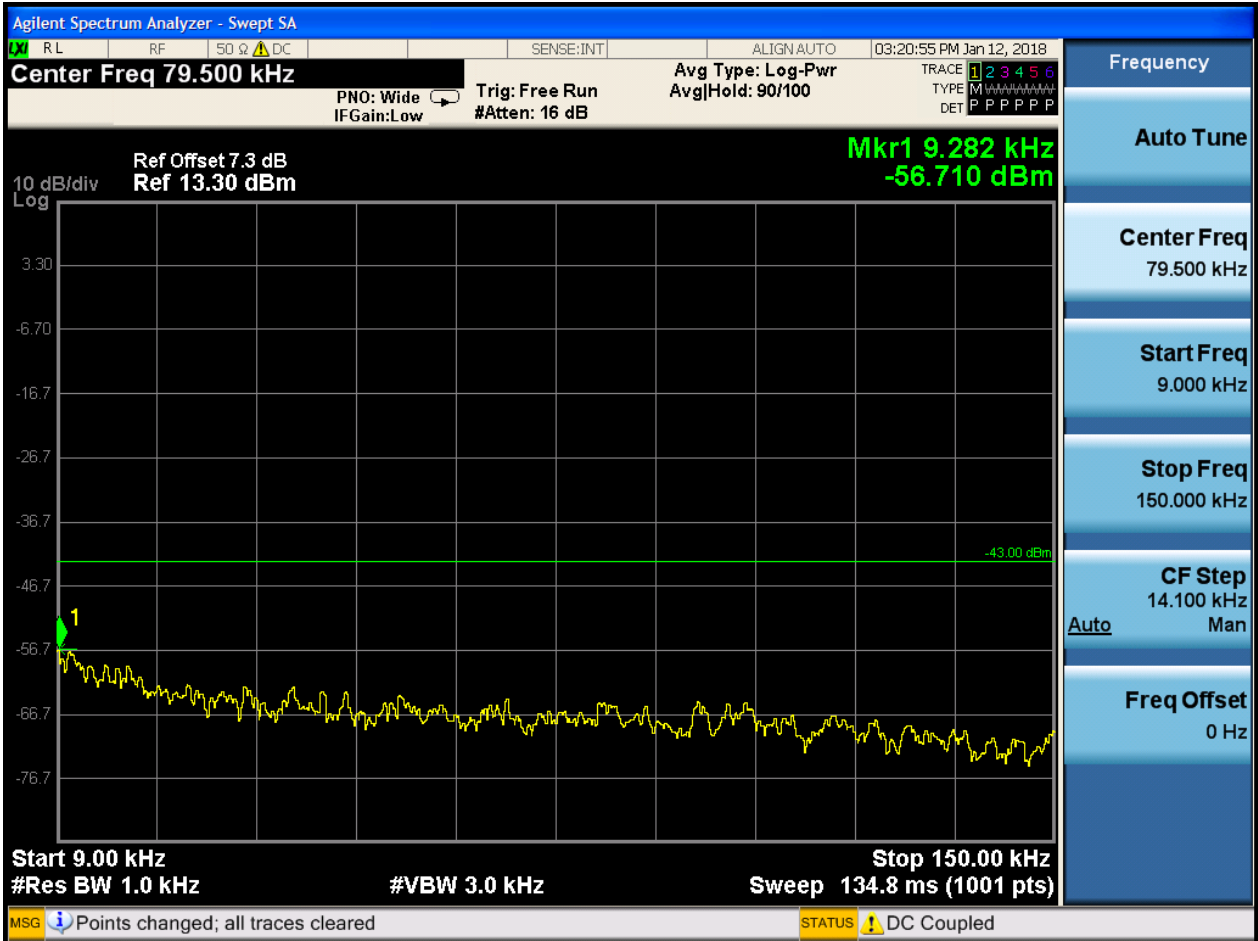


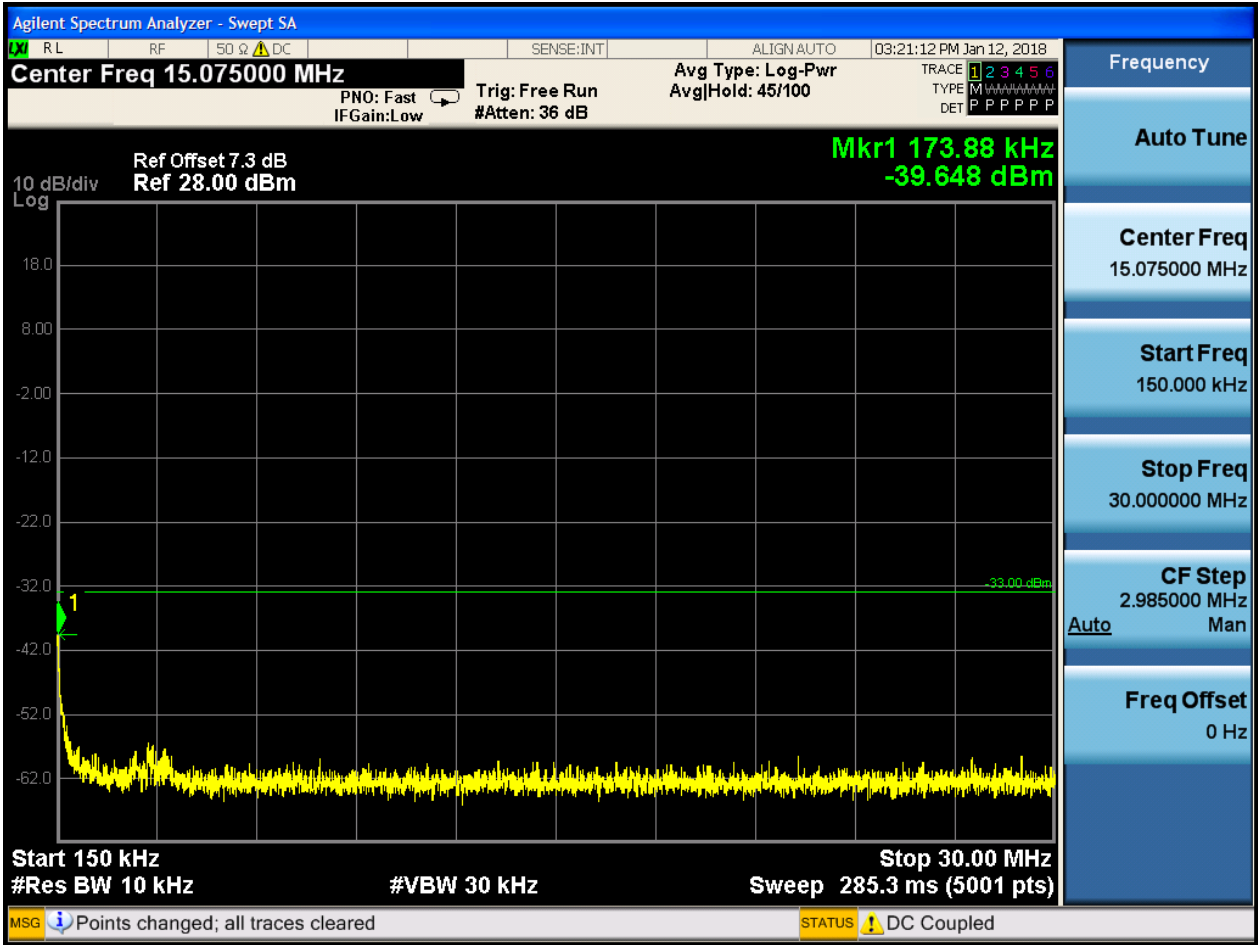


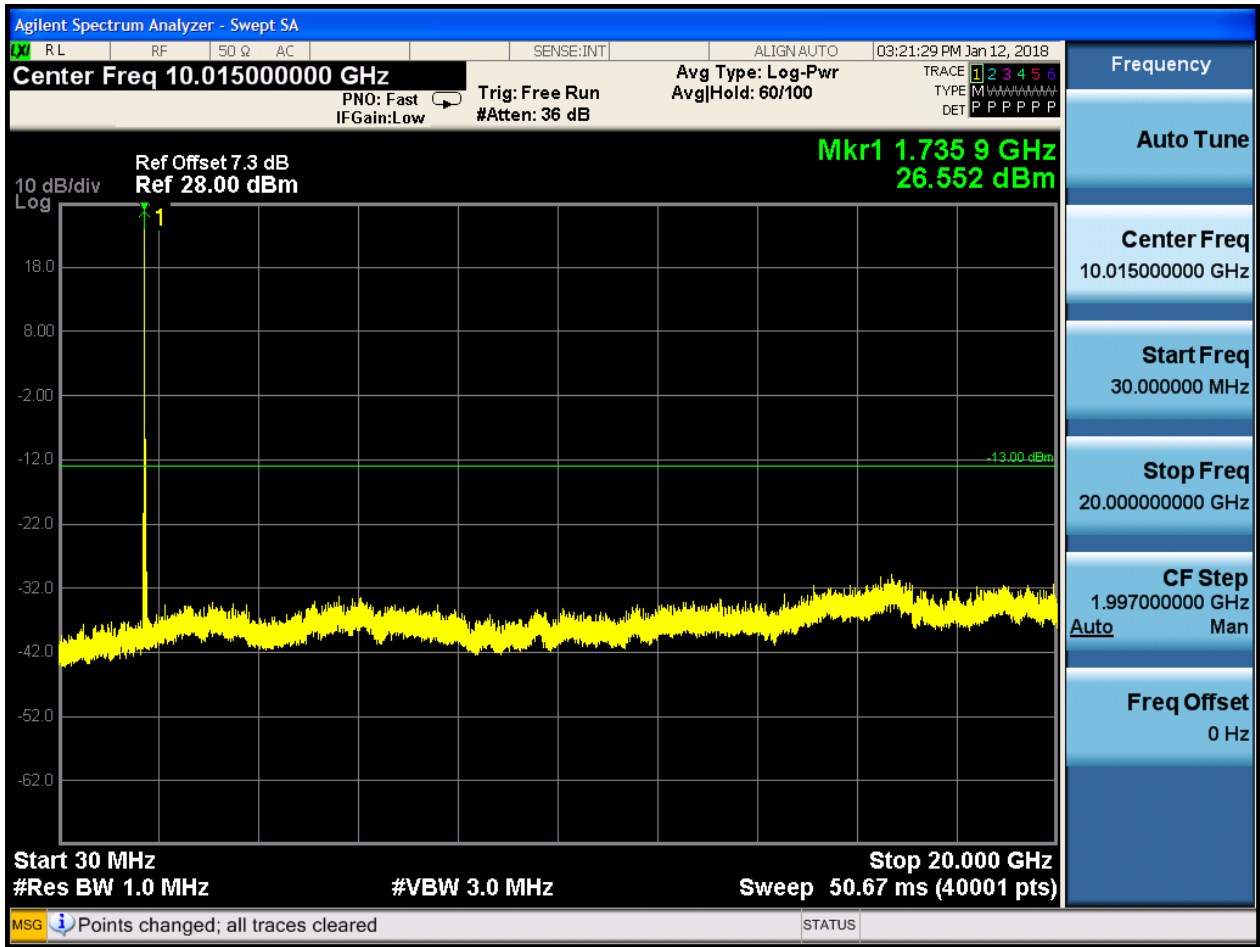


6.1.1.2.6.3 Test Channel = HCH

6.1.1.2.6.3.1 Test RB = RB1#0







7Appendix_G: 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

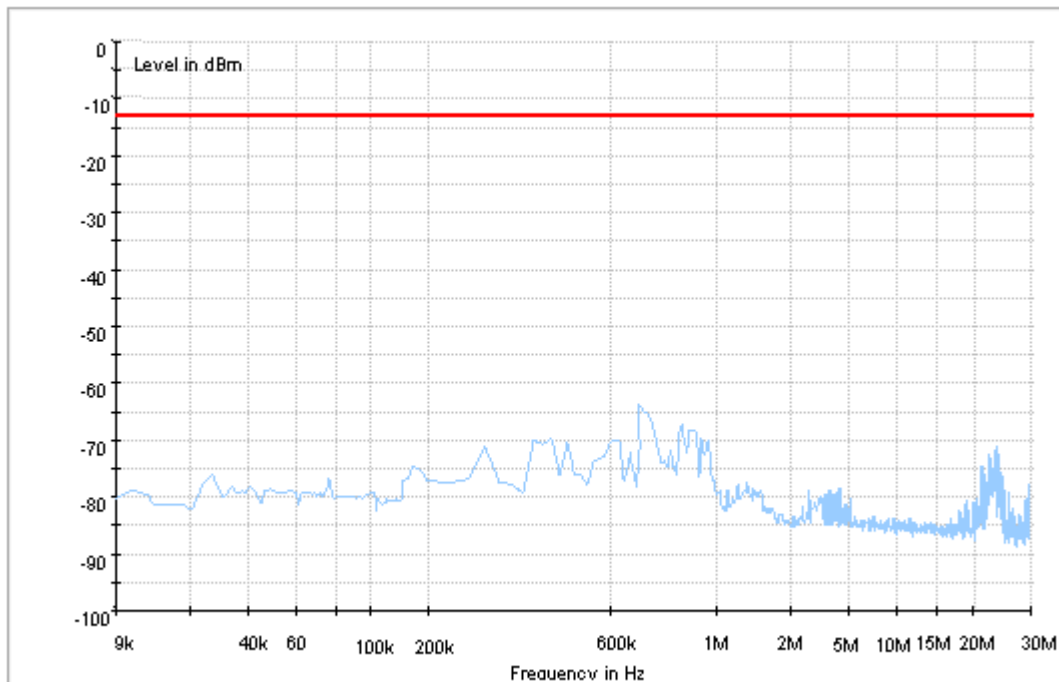
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

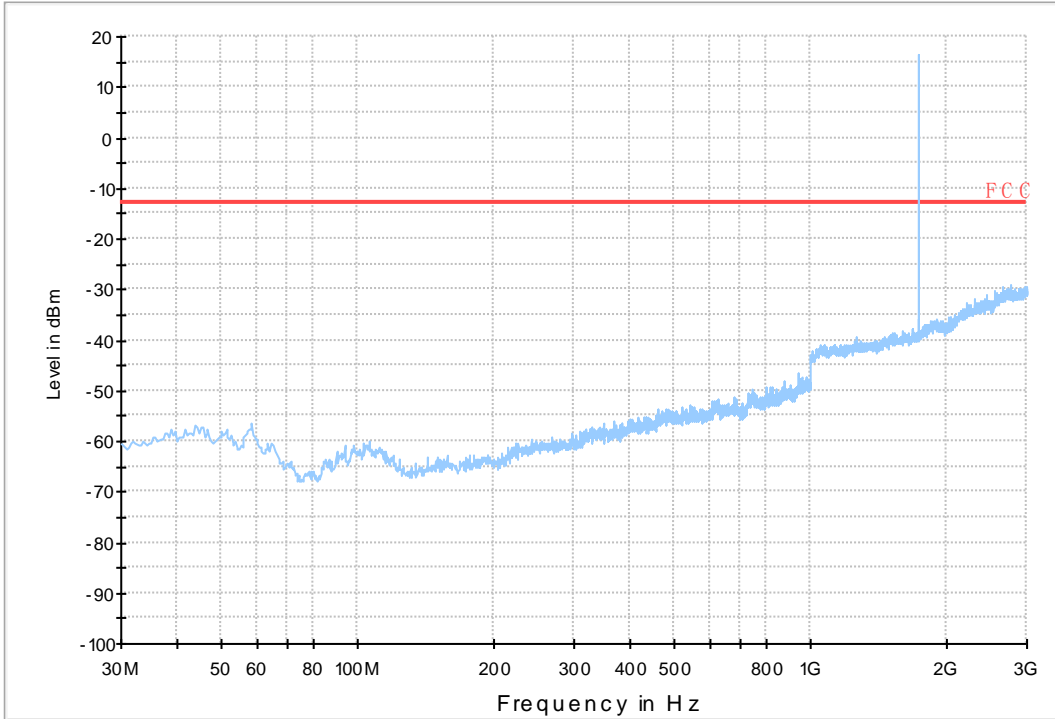
7.1 For LTE

7.1.1 Test Band = BAND4

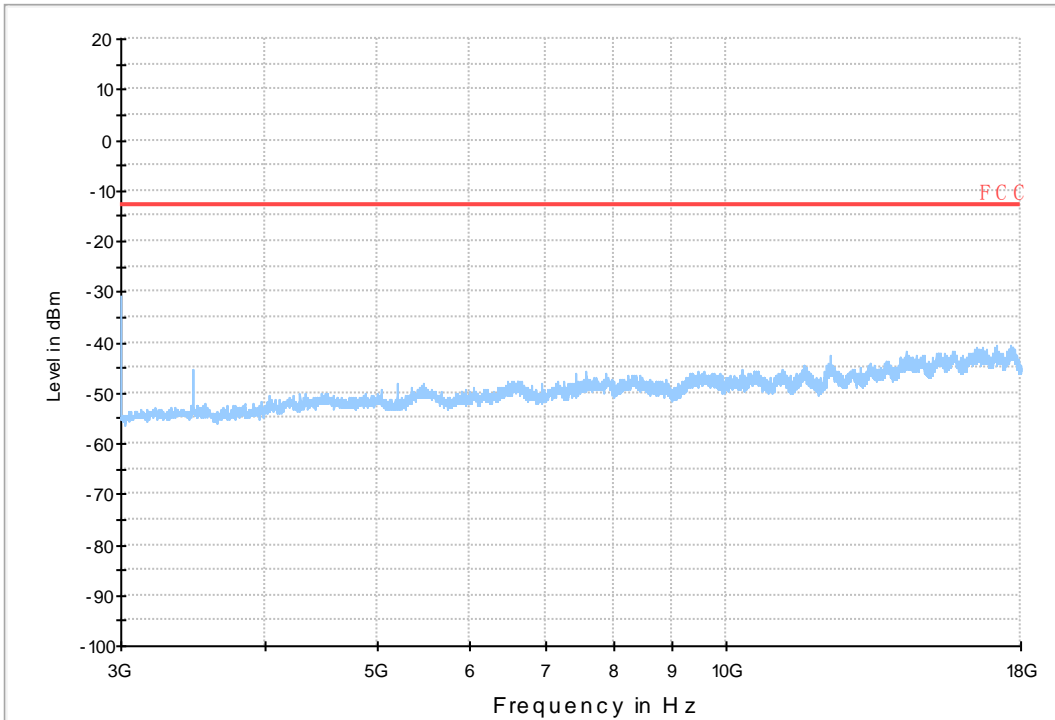
7.1.1.1 Test Bandwidth = 1.4



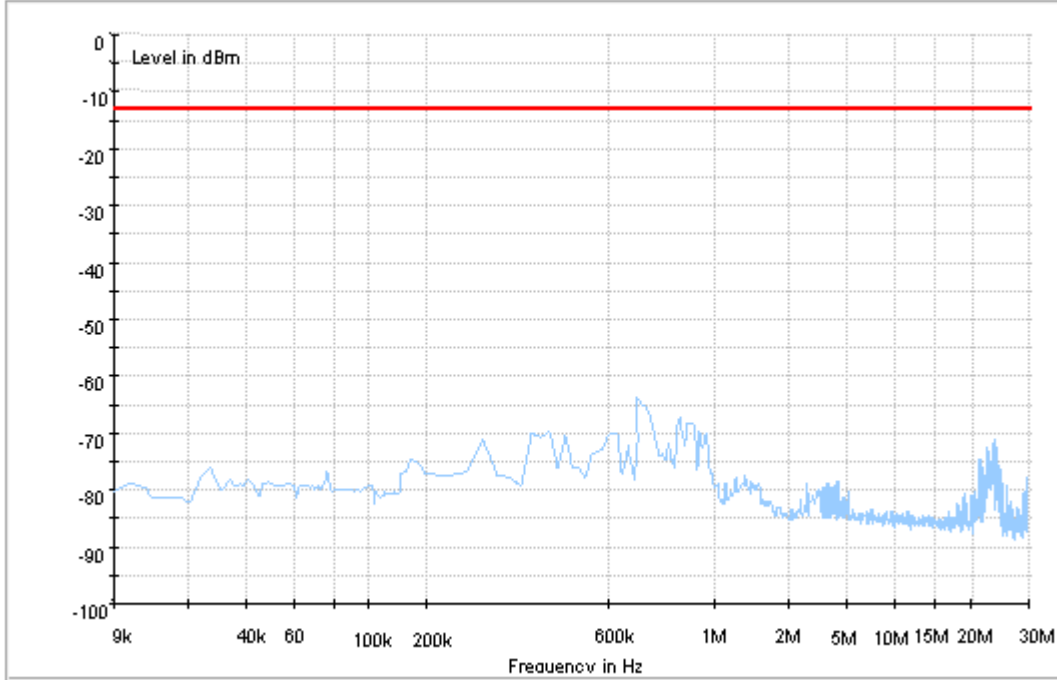
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



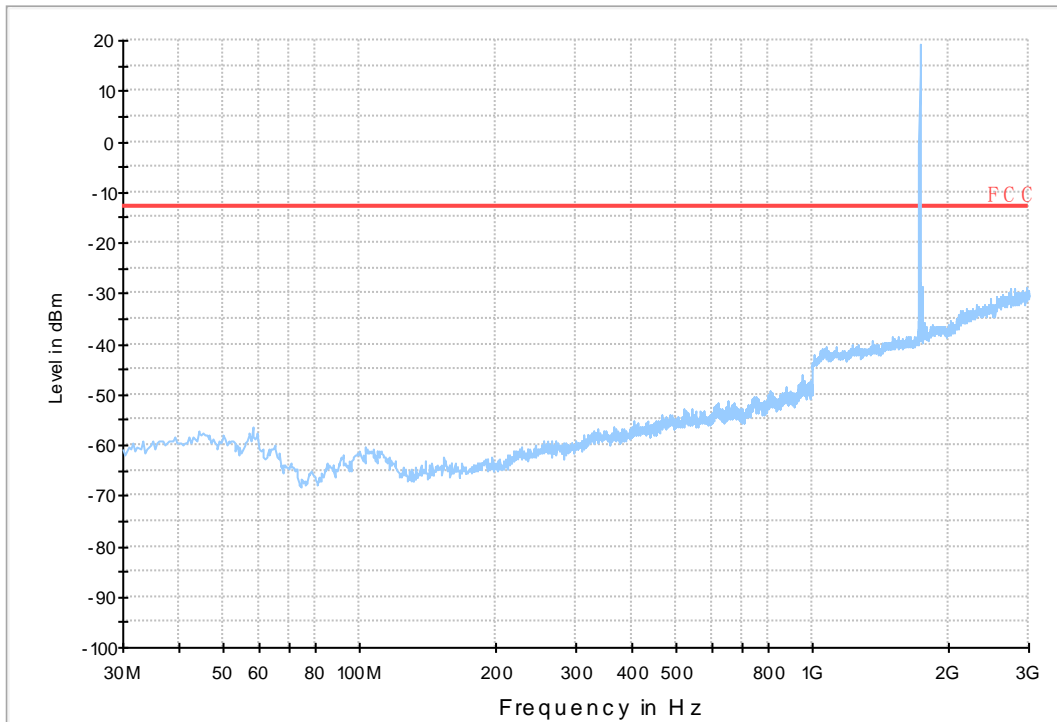
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H



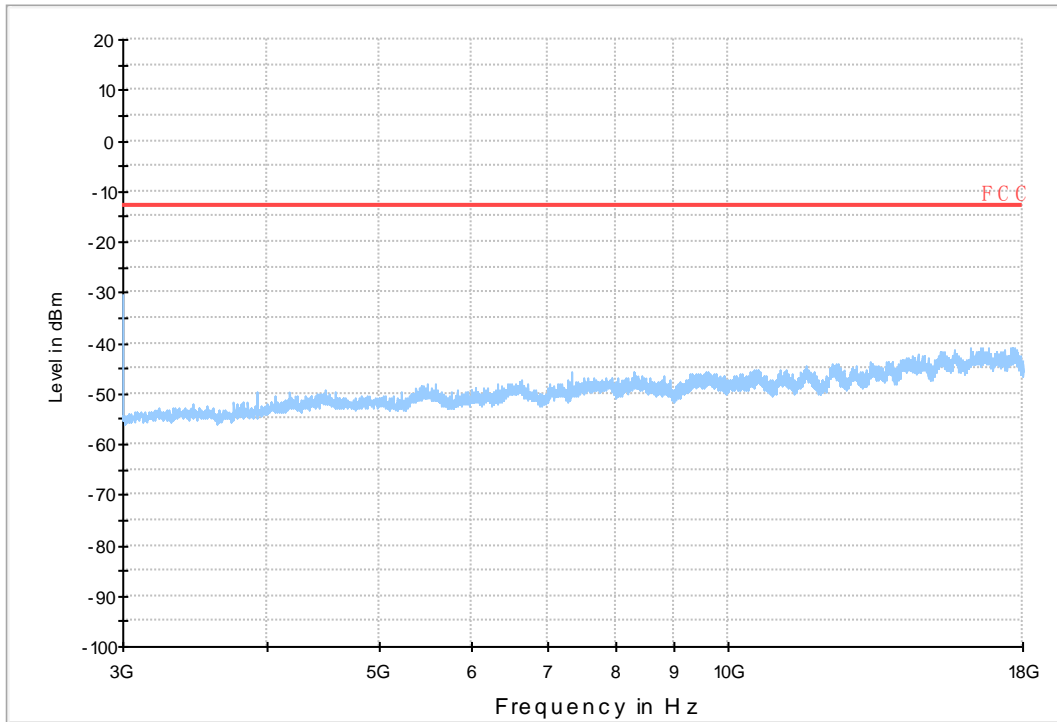
7.1.1.3 Test Bandwidth = 20



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	0.64	0.00037	PASS
					VN	0.34	0.0002	PASS
					VH	-0.24	-0.00014	PASS
			MCH	TN	VL	-12.82	-0.0074	PASS
					VN	-10.06	-0.00581	PASS
					VH	-5.66	-0.00327	PASS
			HCH	TN	VL	-3.35	-0.00191	PASS
					VN	-4.92	-0.0028	PASS
					VH	-4.03	-0.0023	PASS
		3	LCH	TN	VL	-0.19	-0.00011	PASS
					VN	0.06	0.00004	PASS
					VH	-0.27	-0.00016	PASS
			MCH	TN	VL	0.11	0.00006	PASS
					VN	-1.69	-0.00098	PASS
					VH	-1.07	-0.00062	PASS
			HCH	TN	VL	0.54	0.00031	PASS
					VN	-0.07	-0.00004	PASS
					VH	0.06	0.00003	PASS
		5	LCH	TN	VL	2.56	0.00149	PASS
					VN	1.65	0.00096	PASS
					VH	2.33	0.00136	PASS
			MCH	TN	VL	-2.30	-0.00133	PASS
					VN	-0.43	-0.00025	PASS
					VH	-0.17	-0.0001	PASS
			HCH	TN	VL	-2.86	-0.00163	PASS
					VN	-3.20	-0.00183	PASS
					VH	-2.66	-0.00152	PASS
10	LCH	TN	VL	-3.76	-0.00219	PASS		
			VN	-2.56	-0.00149	PASS		
			VH	-2.30	-0.00134	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
			MCH	TN	VL	-0.90	-0.00052	PASS	
					VN	0.79	0.00046	PASS	
					VH	0.04	0.00002	PASS	
			HCH	TN	VL	1.69	0.00097	PASS	
					VN	0.93	0.00053	PASS	
					VH	2.09	0.00119	PASS	
			15	LCH	TN	VL	-1.02	-0.00059	PASS
						VN	-0.03	-0.00002	PASS
						VH	0.37	0.00022	PASS
				MCH	TN	VL	-1.39	-0.0008	PASS
						VN	0.41	0.00024	PASS
						VH	-0.84	-0.00048	PASS
		HCH	TN	VL	0.11	0.00006	PASS		
				VN	0.77	0.00044	PASS		
				VH	0.74	0.00042	PASS		
		20	LCH	TN	VL	1.63	0.00095	PASS	
					VN	1.19	0.00069	PASS	
					VH	1.23	0.00072	PASS	
			MCH	TN	VL	0.60	0.00035	PASS	
					VN	0.36	0.00021	PASS	
					VH	0.27	0.00016	PASS	
			HCH	TN	VL	-2.13	-0.00122	PASS	
					VN	-1.60	-0.00092	PASS	
					VH	-2.79	-0.0016	PASS	
		LTE/TM2	1.4	LCH	TN	VL	1.99	0.00116	PASS
						VN	2.79	0.00163	PASS
						VH	1.87	0.00109	PASS
				MCH	TN	VL	3.62	0.00209	PASS
						VN	4.39	0.00253	PASS
						VH	14.09	0.00813	PASS
			HCH	TN	VL	-2.26	-0.00129	PASS	
					VN	-2.35	-0.00134	PASS	
					VH	-3.22	-0.00184	PASS	
			3	LCH	TN	VL	0.62	0.00036	PASS
						VN	0.54	0.00032	PASS
						VH	0.26	0.00015	PASS
		MCH		TN	VL	-3.23	-0.00186	PASS	
					VN	-1.86	-0.00107	PASS	
					VH	-1.36	-0.00078	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		5	HCH	TN	VL	-0.01	-0.00001	PASS
					VN	0.90	0.00051	PASS
					VH	1.39	0.00079	PASS
			LCH	TN	VL	0.66	0.00039	PASS
					VN	2.00	0.00117	PASS
					VH	2.16	0.00126	PASS
			MCH	TN	VL	-5.74	-0.00331	PASS
					VN	-2.46	-0.00142	PASS
					VH	-1.39	-0.0008	PASS
		HCH	TN	VL	-3.88	-0.00221	PASS	
				VN	-3.18	-0.00181	PASS	
				VH	-3.05	-0.00174	PASS	
		10	LCH	TN	VL	-3.03	-0.00177	PASS
					VN	-3.22	-0.00188	PASS
					VH	-3.10	-0.00181	PASS
			MCH	TN	VL	0.39	0.00023	PASS
					VN	0.34	0.0002	PASS
					VH	-0.23	-0.00013	PASS
			HCH	TN	VL	1.06	0.00061	PASS
					VN	0.82	0.00047	PASS
					VH	2.17	0.00124	PASS
		15	LCH	TN	VL	-0.76	-0.00044	PASS
					VN	-0.49	-0.00029	PASS
					VH	-0.99	-0.00058	PASS
			MCH	TN	VL	-0.27	-0.00016	PASS
					VN	-0.56	-0.00032	PASS
					VH	0.64	0.00037	PASS
			HCH	TN	VL	0.70	0.0004	PASS
					VN	-1.03	-0.00059	PASS
					VH	-0.36	-0.00021	PASS
		20	LCH	TN	VL	0.56	0.00033	PASS
					VN	0.39	0.00023	PASS
					VH	0.90	0.00052	PASS
			MCH	TN	VL	-0.60	-0.00035	PASS
					VN	-1.20	-0.00069	PASS
					VH	-2.03	-0.00117	PASS
			HCH	TN	VL	-3.48	-0.00199	PASS
					VN	-3.73	-0.00214	PASS
					VH	-3.26	-0.00187	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	2.33	0.00136	PASS
					-20	1.59	0.00093	PASS
					-10	0.41	0.00024	PASS
					0	1.57	0.00092	PASS
					10	-2.62	-0.00153	PASS
					20	-1.09	-0.00064	PASS
					30	1.76	0.00103	PASS
					40	-0.66	-0.00039	PASS
					50	2.07	0.00121	PASS
			MCH	VN	-30	-1.12	-0.00065	PASS
					-20	-7.18	-0.00414	PASS
					-10	3.85	0.00222	PASS
					0	-1.20	-0.00069	PASS
					10	-9.64	-0.00556	PASS
					20	-1.39	-0.0008	PASS
					30	-2.53	-0.00146	PASS
					40	-16.06	-0.00927	PASS
					50	-12.62	-0.00728	PASS
		HCH	VN	-30	-5.11	-0.00291	PASS	
				-20	-1.99	-0.00113	PASS	
				-10	-4.72	-0.00269	PASS	
				0	-4.02	-0.00229	PASS	
				10	-3.73	-0.00213	PASS	
				20	-3.06	-0.00174	PASS	
				30	-1.53	-0.00087	PASS	
				40	-3.60	-0.00205	PASS	
				50	-3.23	-0.00184	PASS	
		3	LCH	VN	-30	-0.43	-0.00025	PASS
					-20	-1.49	-0.00087	PASS
					-10	0.34	0.0002	PASS
0	-1.79				-0.00105	PASS		
10	-2.15				-0.00126	PASS		
20	1.26				0.00074	PASS		
30	-0.17				-0.0001	PASS		
40	1.53				0.00089	PASS		
50	-1.17				-0.00068	PASS		
MCH	VN		-30	-15.16	-0.00875	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	0.83	0.00048	PASS		
					-10	0.82	0.00047	PASS		
					0	0.90	0.00052	PASS		
					10	-1.19	-0.00069	PASS		
					20	-18.12	-0.01046	PASS		
					30	-4.72	-0.00272	PASS		
					40	-7.08	-0.00409	PASS		
					50	-0.62	-0.00036	PASS		
			HCH	VN	-30	2.76	0.00157	PASS		
					-20	-0.89	-0.00051	PASS		
					-10	-0.01	-0.00001	PASS		
					0	-1.33	-0.00076	PASS		
					10	0.14	0.00008	PASS		
					20	-1.12	-0.00064	PASS		
					30	0.00	0	PASS		
					40	0.79	0.00045	PASS		
			LCH	VN	-30	1.04	0.00061	PASS		
					-20	1.56	0.00091	PASS		
					-10	1.85	0.00108	PASS		
					0	1.37	0.0008	PASS		
		10			0.93	0.00054	PASS			
		20			1.49	0.00087	PASS			
		30			1.73	0.00101	PASS			
		40			0.31	0.00018	PASS			
		MCH	VN	-30	0.09	0.00005	PASS			
				-20	-2.12	-0.00122	PASS			
				-10	-0.89	-0.00051	PASS			
				0	-0.83	-0.00048	PASS			
				10	-0.43	-0.00025	PASS			
				20	1.89	0.00109	PASS			
				30	6.04	0.00349	PASS			
				40	-2.22	-0.00128	PASS			
		HCH	VN	-30	-3.96	-0.00226	PASS			
				-20	-4.95	-0.00282	PASS			
				-10	-1.69	-0.00096	PASS			
				0	-1.85	-0.00106	PASS			
		5					-30	1.04	0.00061	PASS
							-20	1.56	0.00091	PASS
							-10	1.85	0.00108	PASS
							0	1.37	0.0008	PASS
10	0.93						0.00054	PASS		
20	1.49						0.00087	PASS		
30	1.73						0.00101	PASS		
40	0.31						0.00018	PASS		
							-30	0.09	0.00005	PASS
							-20	-2.12	-0.00122	PASS
							-10	-0.89	-0.00051	PASS
							0	-0.83	-0.00048	PASS
							10	-0.43	-0.00025	PASS
							20	1.89	0.00109	PASS
							30	6.04	0.00349	PASS
							40	-2.22	-0.00128	PASS
							-30	-3.96	-0.00226	PASS
							-20	-4.95	-0.00282	PASS
							-10	-1.69	-0.00096	PASS
							0	-1.85	-0.00106	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					10	-3.99	-0.00228	PASS			
					20	-3.96	-0.00226	PASS			
					30	-5.31	-0.00303	PASS			
					40	-2.17	-0.00124	PASS			
					50	-3.43	-0.00196	PASS			
					10	LCH	VN	-30	-2.13	-0.00124	PASS
								-20	-2.93	-0.00171	PASS
								-10	-2.39	-0.00139	PASS
								0	-3.02	-0.00176	PASS
								10	-3.16	-0.00184	PASS
		20	-2.17	-0.00127				PASS			
		30	-3.82	-0.00223				PASS			
		40	-2.82	-0.00164				PASS			
		50	-3.20	-0.00187				PASS			
		10	MCH	VN				-30	-0.16	-0.00009	PASS
					-20	1.60	0.00092	PASS			
					-10	-0.56	-0.00032	PASS			
					0	0.31	0.00018	PASS			
					10	-0.93	-0.00054	PASS			
					20	-3.48	-0.00201	PASS			
					30	2.57	0.00148	PASS			
					40	-0.41	-0.00024	PASS			
					50	-0.30	-0.00017	PASS			
					10	HCH	VN	-30	0.80	0.00046	PASS
		-20	2.92	0.00167				PASS			
		-10	2.05	0.00117				PASS			
		0	1.90	0.00109				PASS			
		10	1.93	0.0011				PASS			
		20	-0.26	-0.00015				PASS			
		30	2.06	0.00118				PASS			
		40	2.60	0.00149				PASS			
		50	1.36	0.00078				PASS			
		15	LCH	VN				-30	0.39	0.00023	PASS
					-20	-2.15	-0.00125	PASS			
					-10	0.46	0.00027	PASS			
					0	-0.36	-0.00021	PASS			
					10	-1.27	-0.00074	PASS			
					20	0.13	0.00008	PASS			
					30	0.92	0.00054	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	0.29	0.00017	PASS
					50	-0.30	-0.00017	PASS
			MCH	VN	-30	-3.32	-0.00192	PASS
					-20	-2.27	-0.00131	PASS
					-10	-1.17	-0.00068	PASS
					0	-0.77	-0.00044	PASS
					10	0.01	0.00001	PASS
					20	-0.41	-0.00024	PASS
					30	0.10	0.00006	PASS
					40	-0.64	-0.00037	PASS
					50	-0.29	-0.00017	PASS
					HCH	VN	-30	-0.67
			-20	-0.82			-0.00047	PASS
			-10	-0.53			-0.0003	PASS
			0	-0.20			-0.00011	PASS
			10	-0.21			-0.00012	PASS
			20	0.39			0.00022	PASS
			30	0.51			0.00029	PASS
			40	-0.87			-0.0005	PASS
			20	LCH	VN	-30	1.16	0.00067
		-20				1.85	0.00108	PASS
		-10				0.80	0.00047	PASS
		0				1.27	0.00074	PASS
		10				1.24	0.00072	PASS
		20				0.66	0.00038	PASS
		30				2.17	0.00126	PASS
		40				0.59	0.00034	PASS
		50				2.19	0.00127	PASS
		MCH				VN	-30	-0.70
				-20	1.12		0.00065	PASS
				-10	0.84		0.00048	PASS
				0	0.21		0.00012	PASS
				10	0.16		0.00009	PASS
				20	1.36		0.00078	PASS
				30	0.46		0.00027	PASS
				40	1.57		0.00091	PASS
				50	2.82		0.00163	PASS
				HCH	VN		-30	-3.00

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	-2.99	-0.00171	PASS		
					-10	-3.43	-0.00197	PASS		
					0	-3.18	-0.00182	PASS		
					10	-3.05	-0.00175	PASS		
					20	-2.86	-0.00164	PASS		
					30	-2.85	-0.00163	PASS		
					40	-1.92	-0.0011	PASS		
					50	-2.60	-0.00149	PASS		
	LTE/TM2	1.4	LCH	VN	-30	2.05	0.0012	PASS		
					-20	2.75	0.00161	PASS		
					-10	2.42	0.00141	PASS		
					0	0.86	0.0005	PASS		
					10	0.10	0.00006	PASS		
					20	3.18	0.00186	PASS		
					30	4.02	0.00235	PASS		
					40	0.92	0.00054	PASS		
					50	1.85	0.00108	PASS		
					MCH	VN	-30	-0.29	-0.00017	PASS
							-20	0.76	0.00044	PASS
							-10	2.06	0.00119	PASS
							0	0.77	0.00044	PASS
							10	26.45	0.01527	PASS
							20	1.29	0.00074	PASS
							30	-3.89	-0.00225	PASS
			40	5.18			0.00299	PASS		
			HCH	VN	-30	-2.37	-0.00135	PASS		
					-20	-4.59	-0.00262	PASS		
					-10	-2.68	-0.00153	PASS		
					0	-4.31	-0.00246	PASS		
					10	-2.00	-0.00114	PASS		
					20	-3.46	-0.00197	PASS		
					30	-1.32	-0.00075	PASS		
					40	-2.25	-0.00128	PASS		
			50	-2.30	-0.00131	PASS				
			3	LCH	VN	-30	0.31	0.00018	PASS	
						-20	1.62	0.00095	PASS	
-10	-0.79	-0.00046				PASS				
0	0.33	0.00019				PASS				

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					10	1.43	0.00084	PASS	
					20	-0.36	-0.00021	PASS	
					30	-0.13	-0.00008	PASS	
					40	0.24	0.00014	PASS	
					50	1.17	0.00068	PASS	
			MCH	VN	-30	2.68	0.00155	PASS	
					-20	-0.79	-0.00046	PASS	
					-10	7.41	0.00428	PASS	
					0	-2.96	-0.00171	PASS	
					10	13.76	0.00794	PASS	
					20	-7.88	-0.00455	PASS	
					30	6.01	0.00347	PASS	
					40	5.34	0.00308	PASS	
			HCH	VN	50	34.73	0.02005	PASS	
					-30	-2.22	-0.00127	PASS	
					-20	2.96	0.00169	PASS	
					-10	0.83	0.00047	PASS	
					0	2.40	0.00137	PASS	
					10	0.84	0.00048	PASS	
					20	0.84	0.00048	PASS	
					30	2.12	0.00121	PASS	
			5	LCH	VN	40	-0.16	-0.00009	PASS
						50	-0.06	-0.00003	PASS
						-30	2.43	0.00142	PASS
						-20	1.95	0.00114	PASS
						-10	1.53	0.00089	PASS
						0	1.43	0.00084	PASS
				MCH	VN	10	1.46	0.00085	PASS
						20	2.20	0.00128	PASS
						30	2.46	0.00144	PASS
						40	0.70	0.00041	PASS
						50	1.50	0.00088	PASS
						-30	0.27	0.00016	PASS
						-20	0.49	0.00028	PASS
			-10	-2.33	-0.00134	PASS			
			0	-25.11	-0.01449	PASS			
10	-18.64	-0.01076	PASS						
20	7.21	0.00416	PASS						
30	5.34	0.00308	PASS						



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	1.17	0.00068	PASS
					50	0.31	0.00018	PASS
			HCH	VN	-30	-2.55	-0.00146	PASS
					-20	-1.96	-0.00112	PASS
					-10	-1.63	-0.00093	PASS
					0	-3.30	-0.00188	PASS
					10	-3.32	-0.00189	PASS
					20	-3.71	-0.00212	PASS
					30	-3.78	-0.00216	PASS
					40	-2.15	-0.00123	PASS
					50	-1.29	-0.00074	PASS
					10	LCH	VN	-30
		-20	-2.95	-0.00172				PASS
		-10	-1.95	-0.00114				PASS
		0	-3.10	-0.00181				PASS
		10	-1.80	-0.00105				PASS
		20	-3.30	-0.00192				PASS
		30	-2.45	-0.00143				PASS
		40	-1.79	-0.00104				PASS
		MCH	VN	-30		3.88	0.00224	PASS
				-20		-2.17	-0.00125	PASS
				-10		0.40	0.00023	PASS
				0		0.24	0.00014	PASS
				10		3.72	0.00215	PASS
				20		4.06	0.00234	PASS
				30		0.63	0.00036	PASS
				40		2.43	0.0014	PASS
				50		-0.16	-0.00009	PASS
				HCH		VN	-30	0.87
		-20	2.85		0.00163		PASS	
		-10	2.52		0.00144		PASS	
		0	3.43		0.00196		PASS	
		10	3.35		0.00191		PASS	
		20	1.82		0.00104		PASS	
		30	2.40		0.00137		PASS	
		40	1.92		0.0011		PASS	
		50	2.46	0.00141	PASS			
		15	LCH	VN	-30	-0.74	-0.00043	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	-0.41	-0.00024	PASS	
					-10	-0.06	-0.00003	PASS	
					0	-1.02	-0.00059	PASS	
					10	-1.09	-0.00063	PASS	
					20	-0.64	-0.00037	PASS	
					30	-0.41	-0.00024	PASS	
					40	0.00	0	PASS	
					50	-0.70	-0.00041	PASS	
			MCH	VN	-30	-1.66	-0.00096	PASS	
					-20	0.57	0.00033	PASS	
					-10	0.10	0.00006	PASS	
					0	-2.85	-0.00165	PASS	
					10	-0.82	-0.00047	PASS	
					20	0.57	0.00033	PASS	
					30	-0.13	-0.00008	PASS	
					40	-0.19	-0.00011	PASS	
			HCH	VN	-30	0.33	0.00019	PASS	
					-20	0.93	0.00053	PASS	
					-10	-1.54	-0.00088	PASS	
					0	0.56	0.00032	PASS	
					10	0.31	0.00018	PASS	
					20	-0.14	-0.00008	PASS	
					30	1.63	0.00093	PASS	
					40	-0.66	-0.00038	PASS	
			20	LCH	VN	-30	0.39	0.00023	PASS
						-20	0.76	0.00044	PASS
						-10	2.03	0.00118	PASS
						0	1.79	0.00104	PASS
		10				0.43	0.00025	PASS	
		20				1.14	0.00066	PASS	
		30				1.00	0.00058	PASS	
		40				1.09	0.00063	PASS	
		MCH		VN	-30	-2.40	-0.00139	PASS	
					-20	-1.02	-0.00059	PASS	
					-10	-0.54	-0.00031	PASS	
					0	-1.49	-0.00086	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	-1.30	-0.00075	PASS		
					20	-1.04	-0.0006	PASS		
					30	-1.23	-0.00071	PASS		
					40	-0.37	-0.00021	PASS		
					50	-0.21	-0.00012	PASS		
			HCH	VN	-30	-3.69	-0.00211	PASS		
							-20	-3.95	-0.00226	PASS
							-10	-2.73	-0.00156	PASS
							0	-3.79	-0.00217	PASS
							10	-4.19	-0.0024	PASS
							20	-2.80	-0.0016	PASS
							30	-3.53	-0.00202	PASS
							40	-3.00	-0.00172	PASS
							50	-4.49	-0.00257	PASS

END