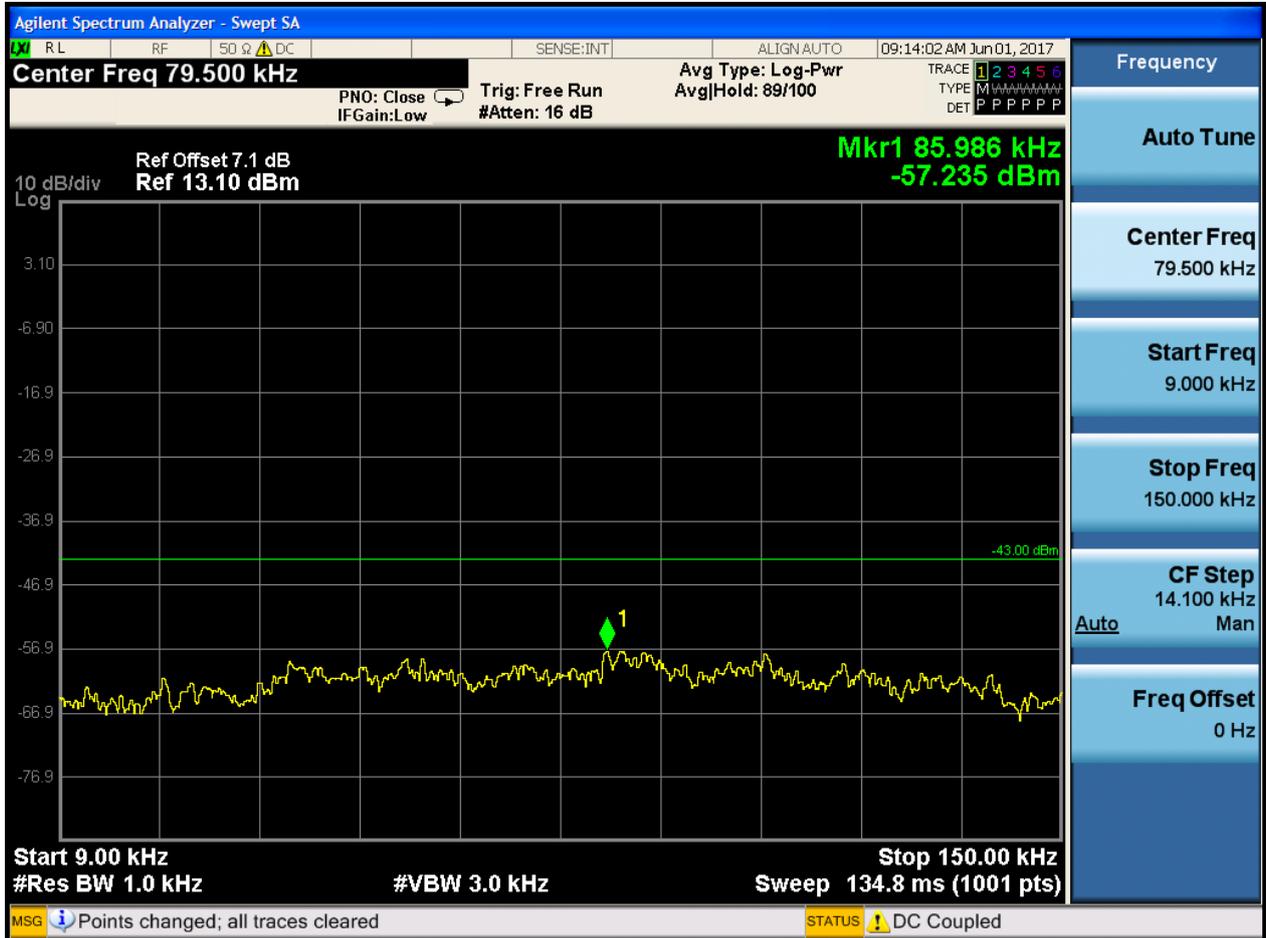
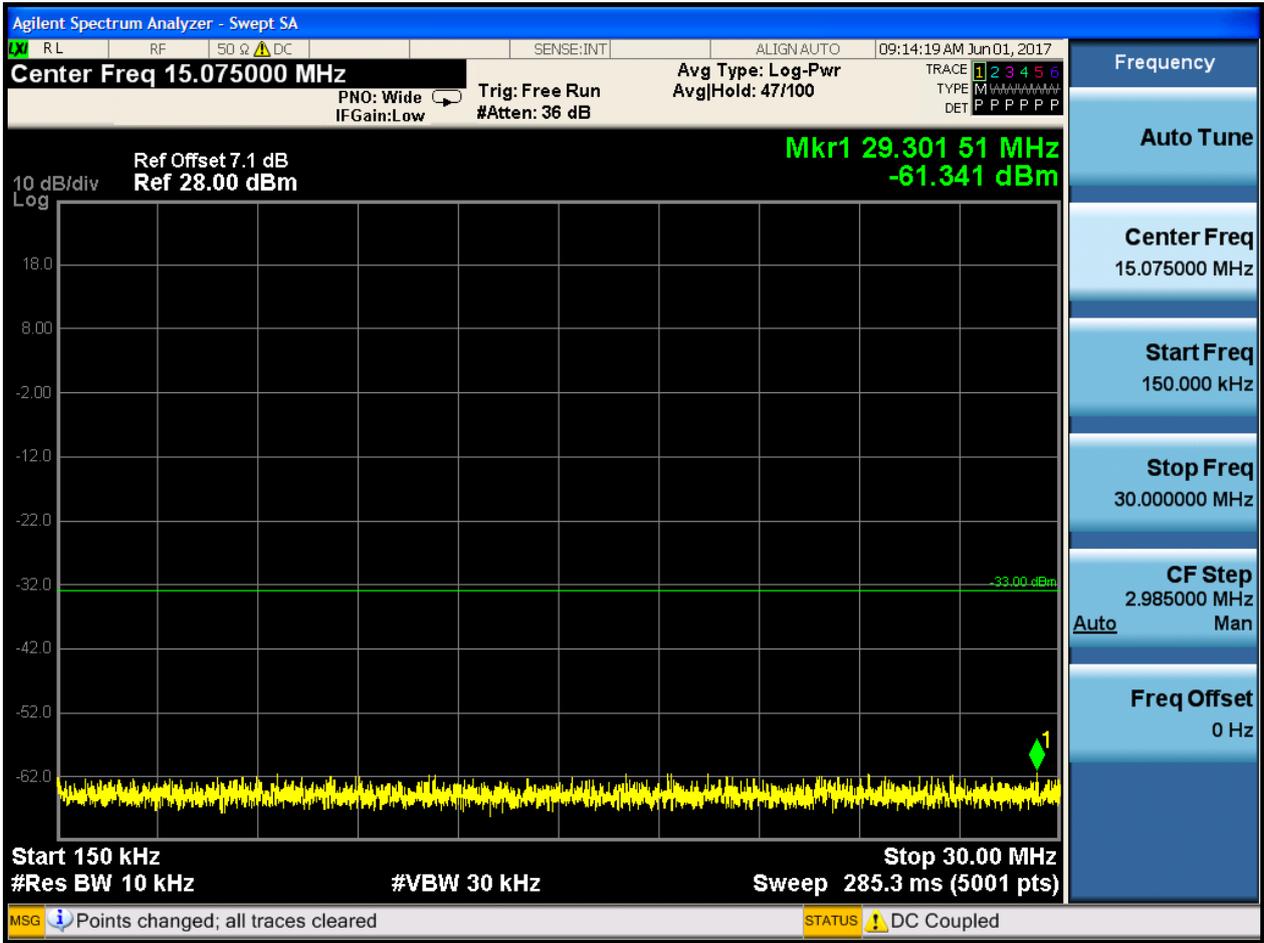


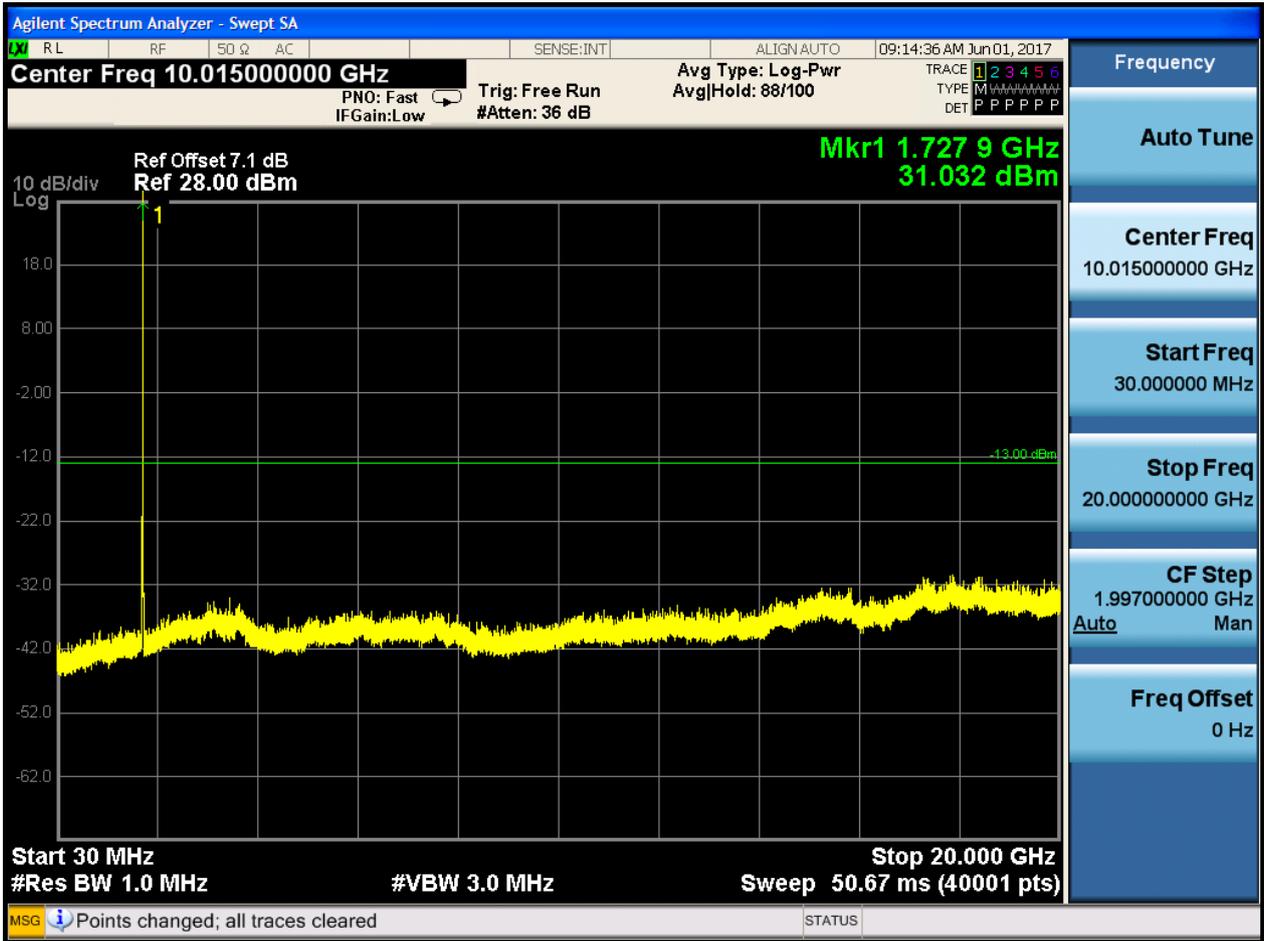


6.1.1.1.4.2 Test Channel = MCH

6.1.1.1.4.2.1 Test RB = RB1#0



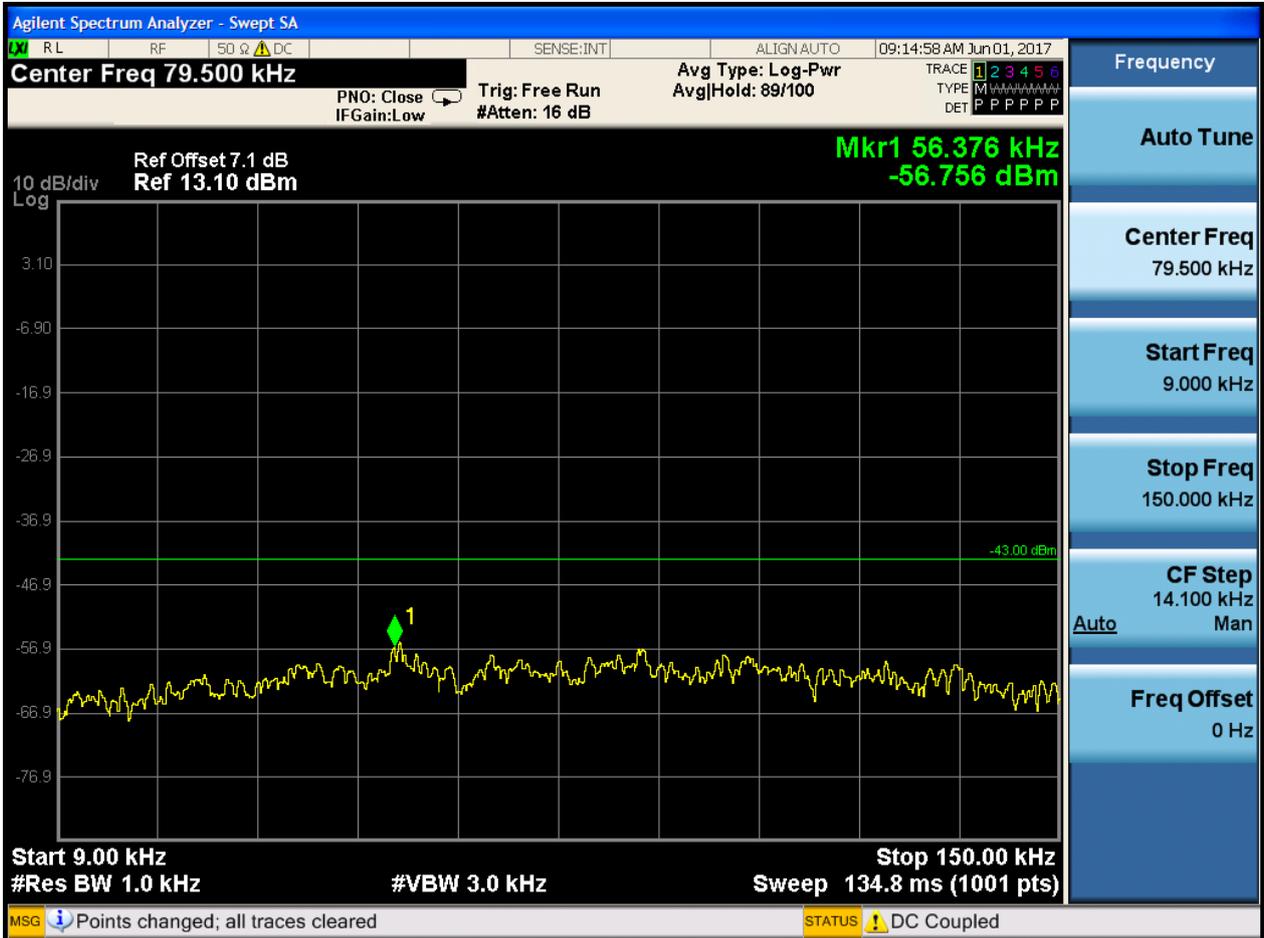


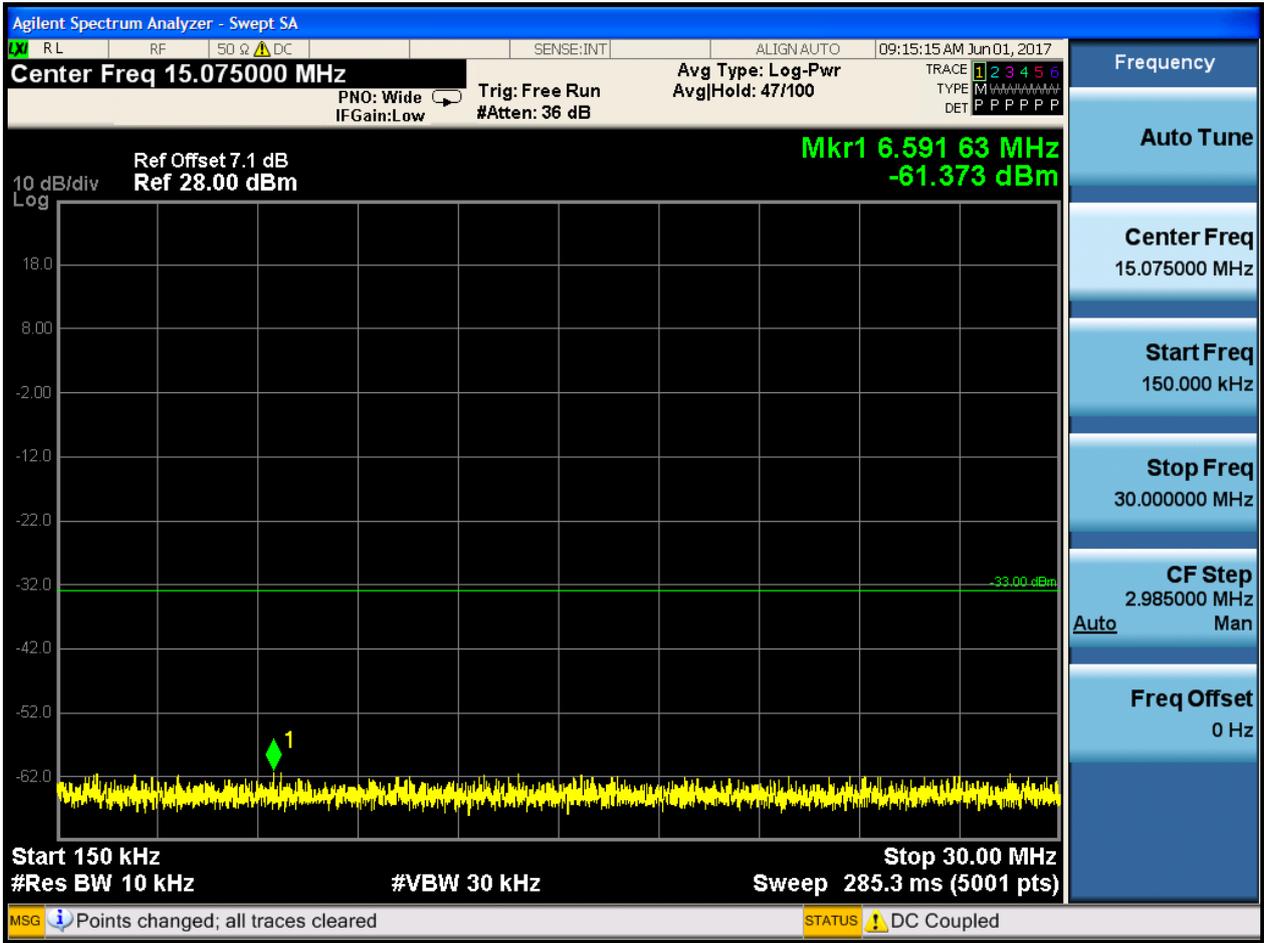


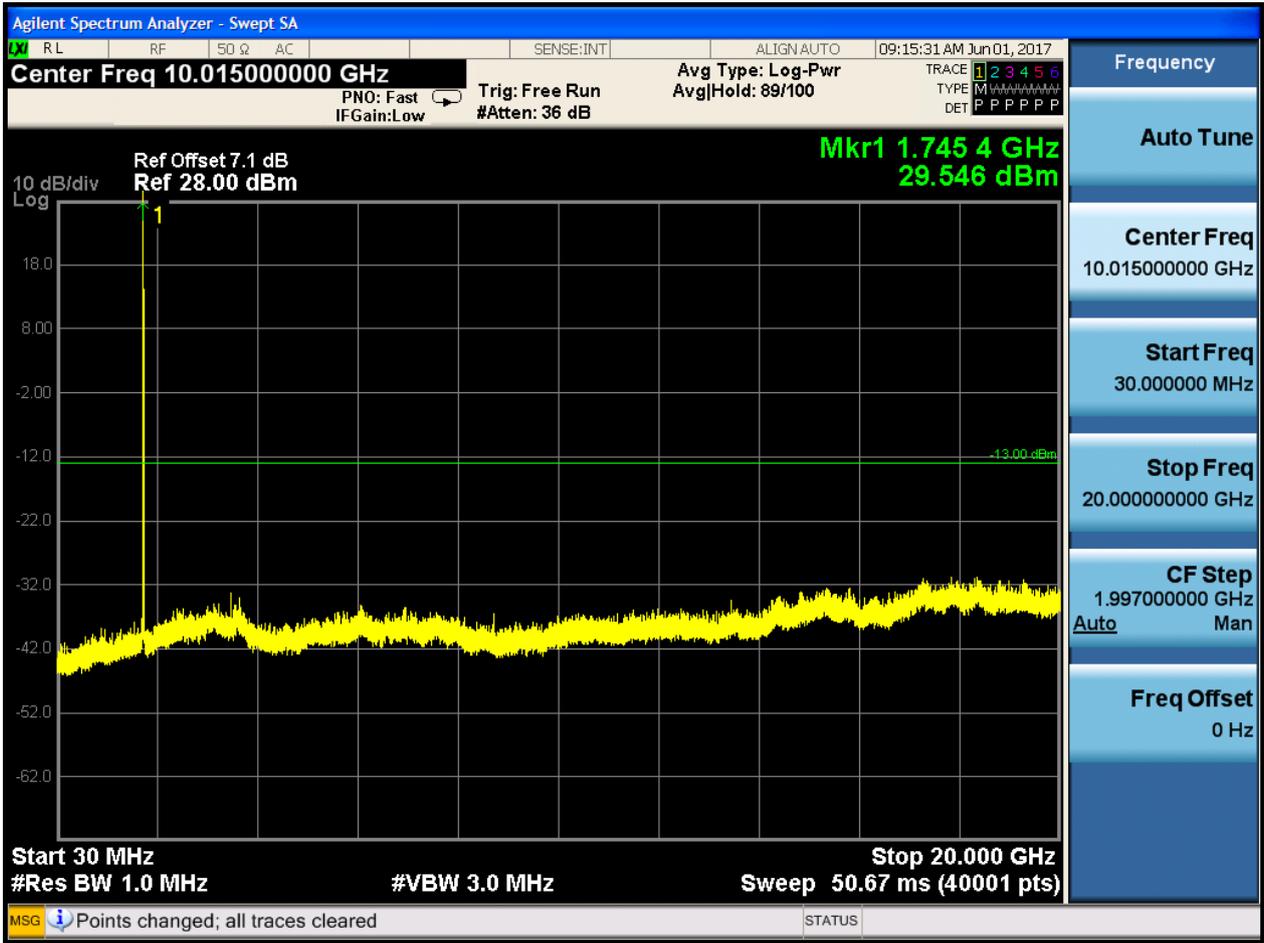


6.1.1.1.4.3 Test Channel = HCH

6.1.1.1.4.3.1 Test RB = RB1#0





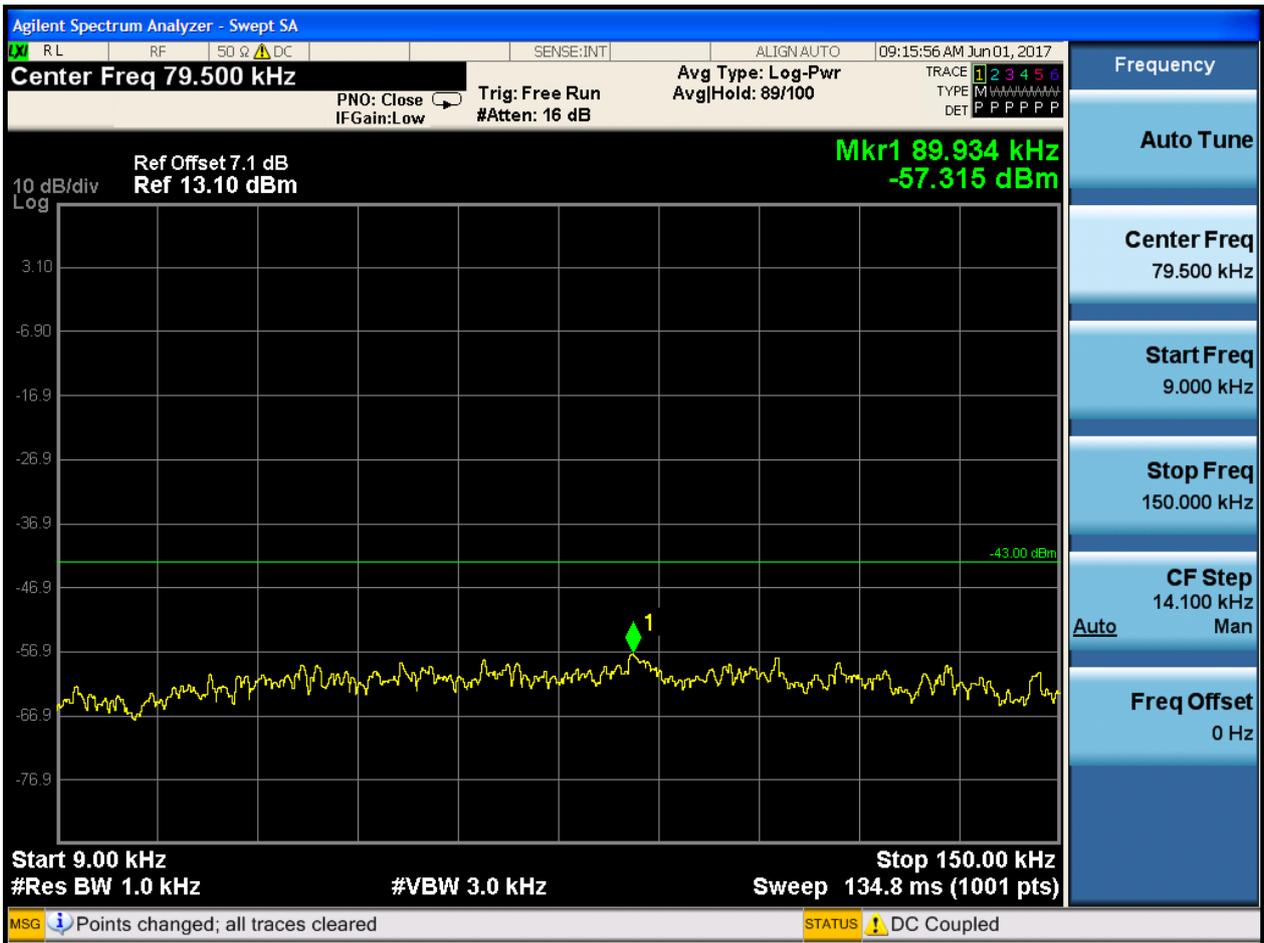


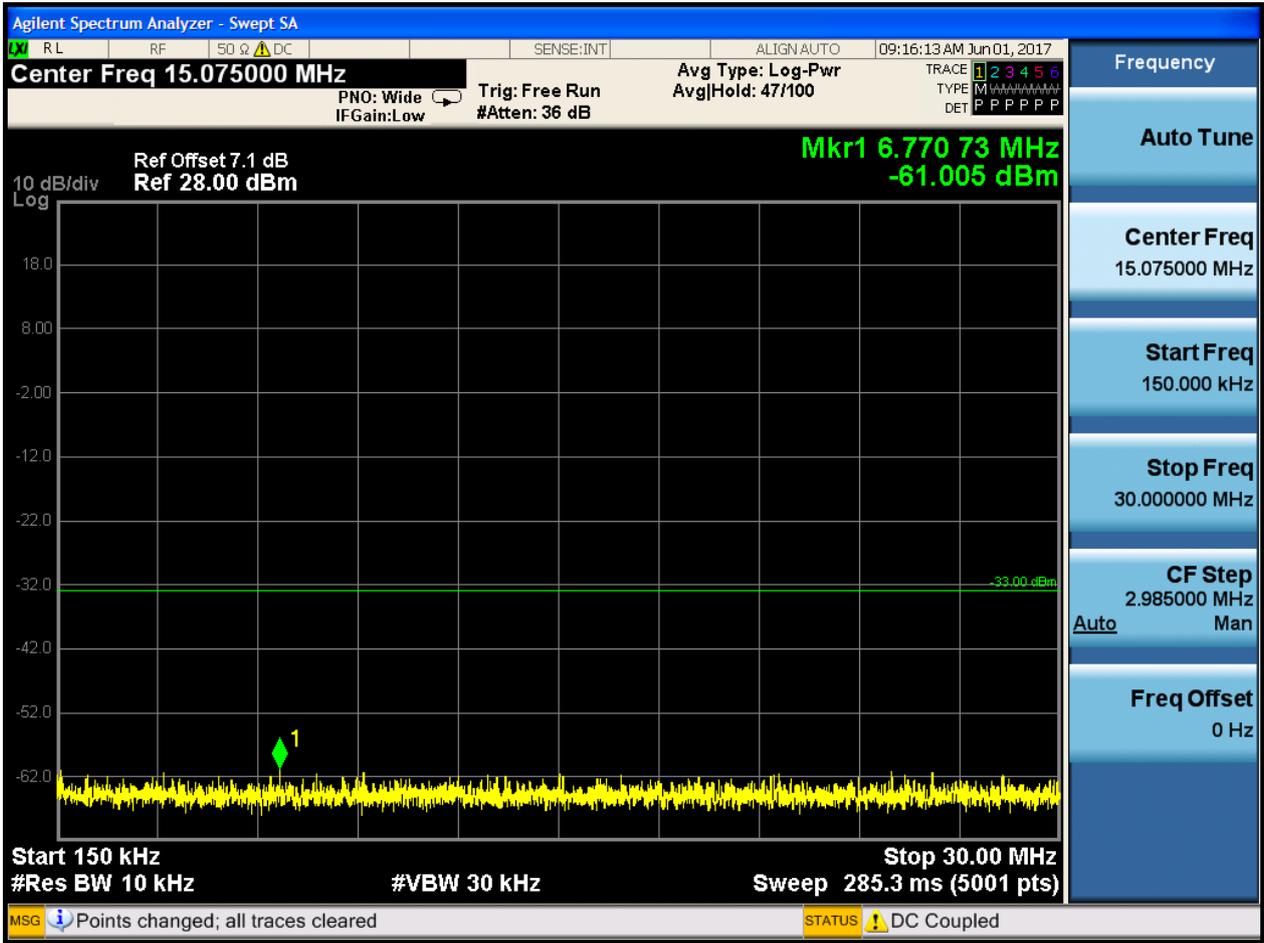


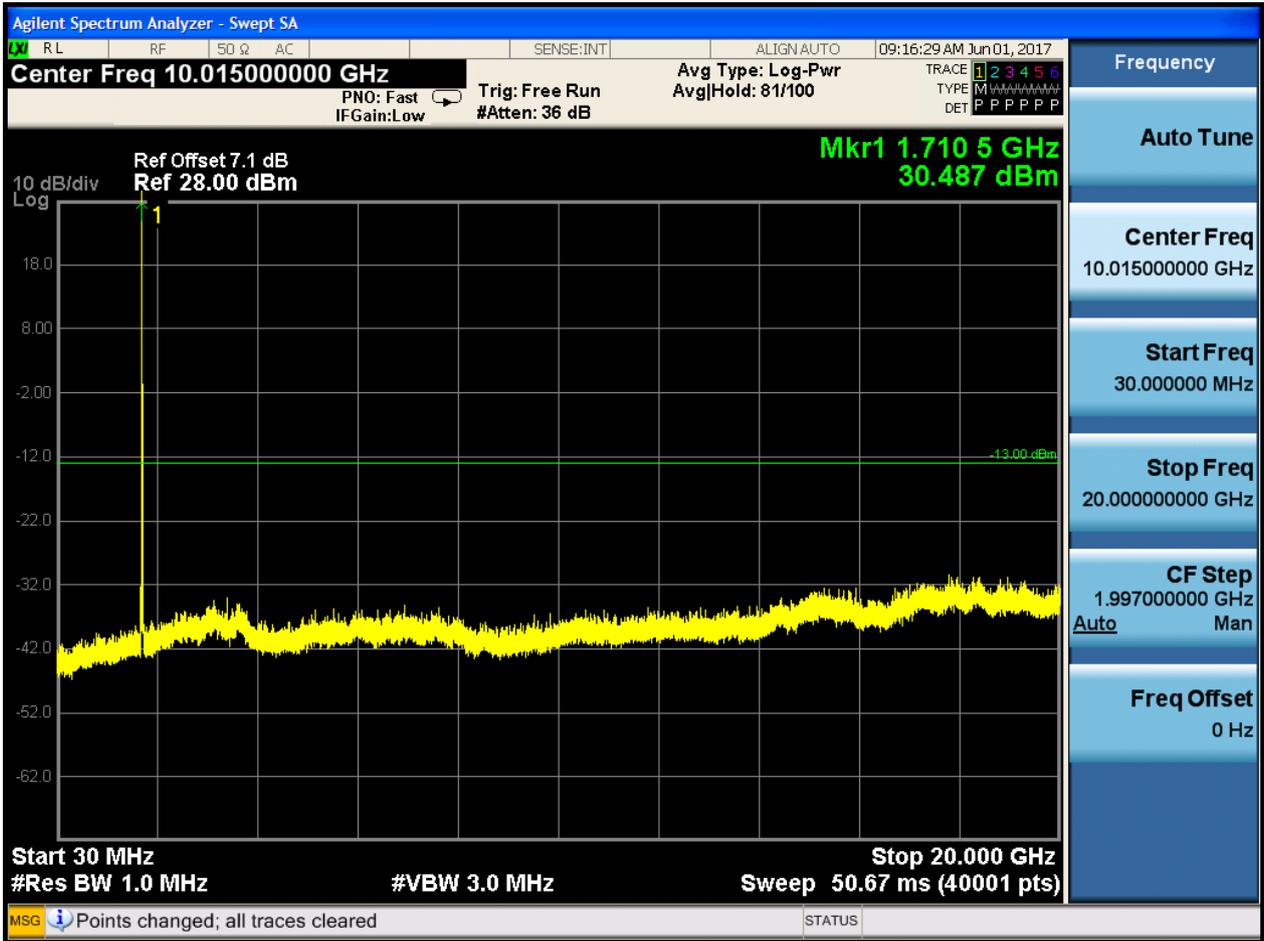
6.1.1.1.5 Test Bandwidth = 15

6.1.1.1.5.1 Test Channel = LCH

6.1.1.1.5.1.1 Test RB = RB1#0



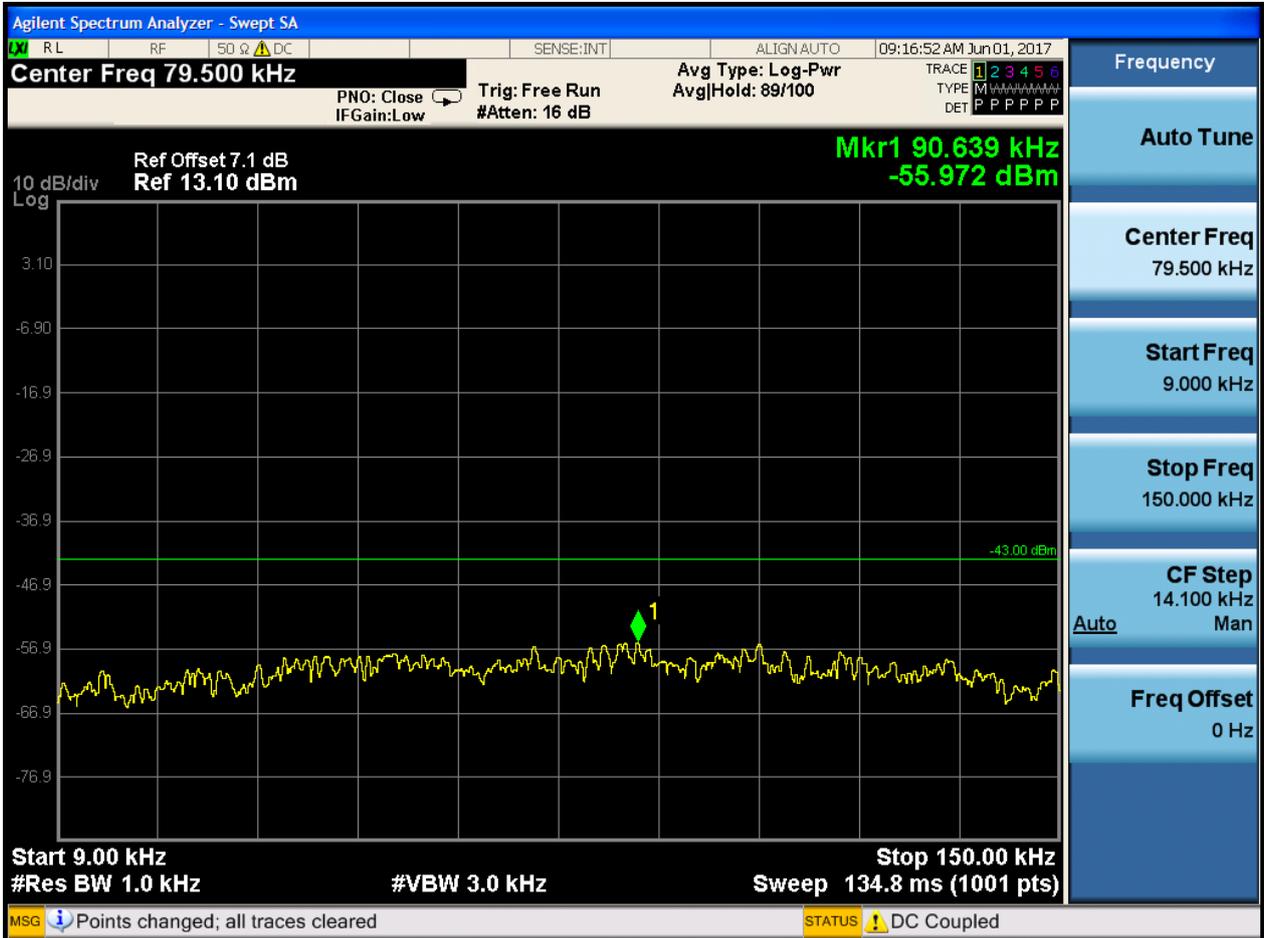


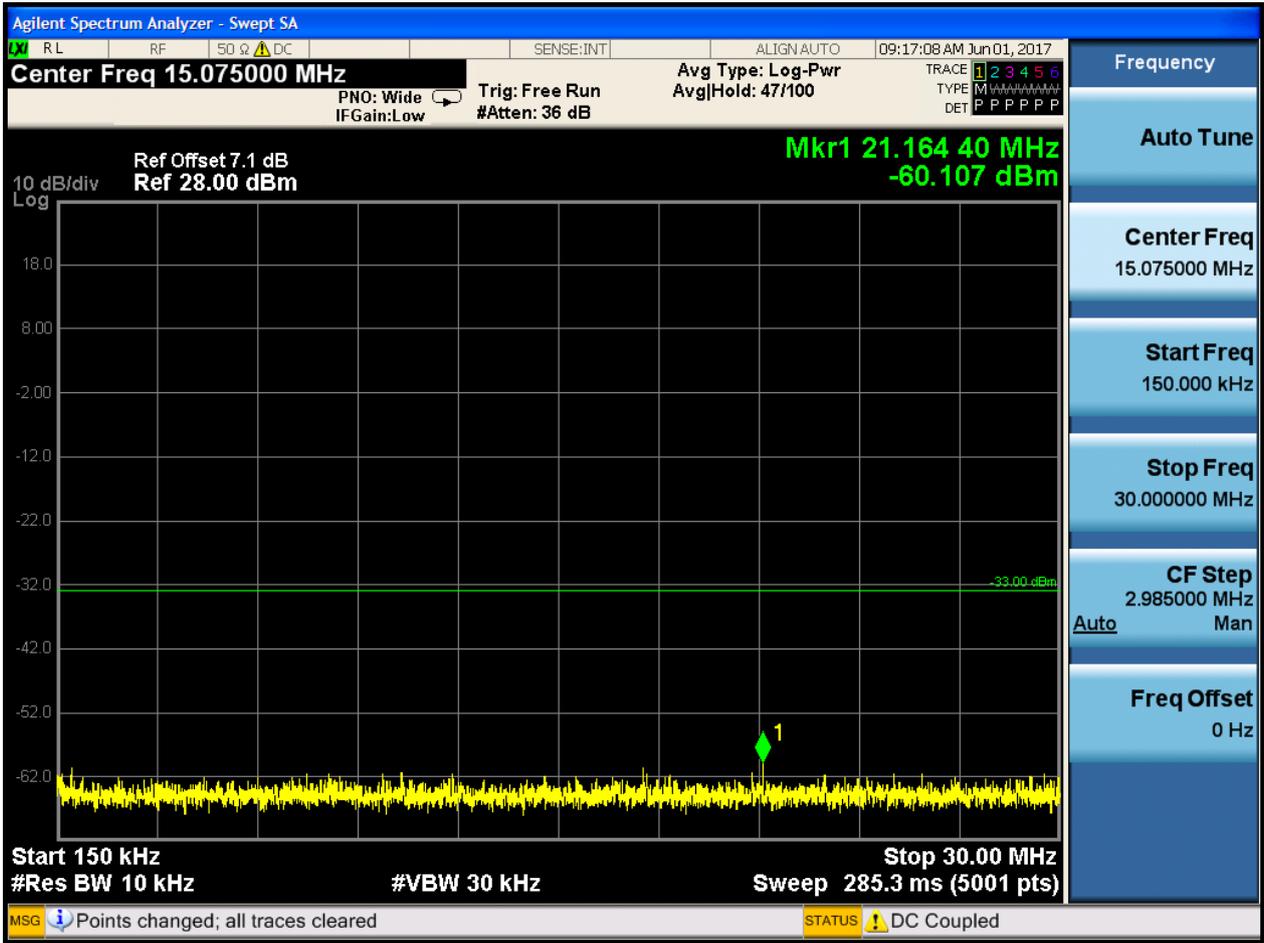


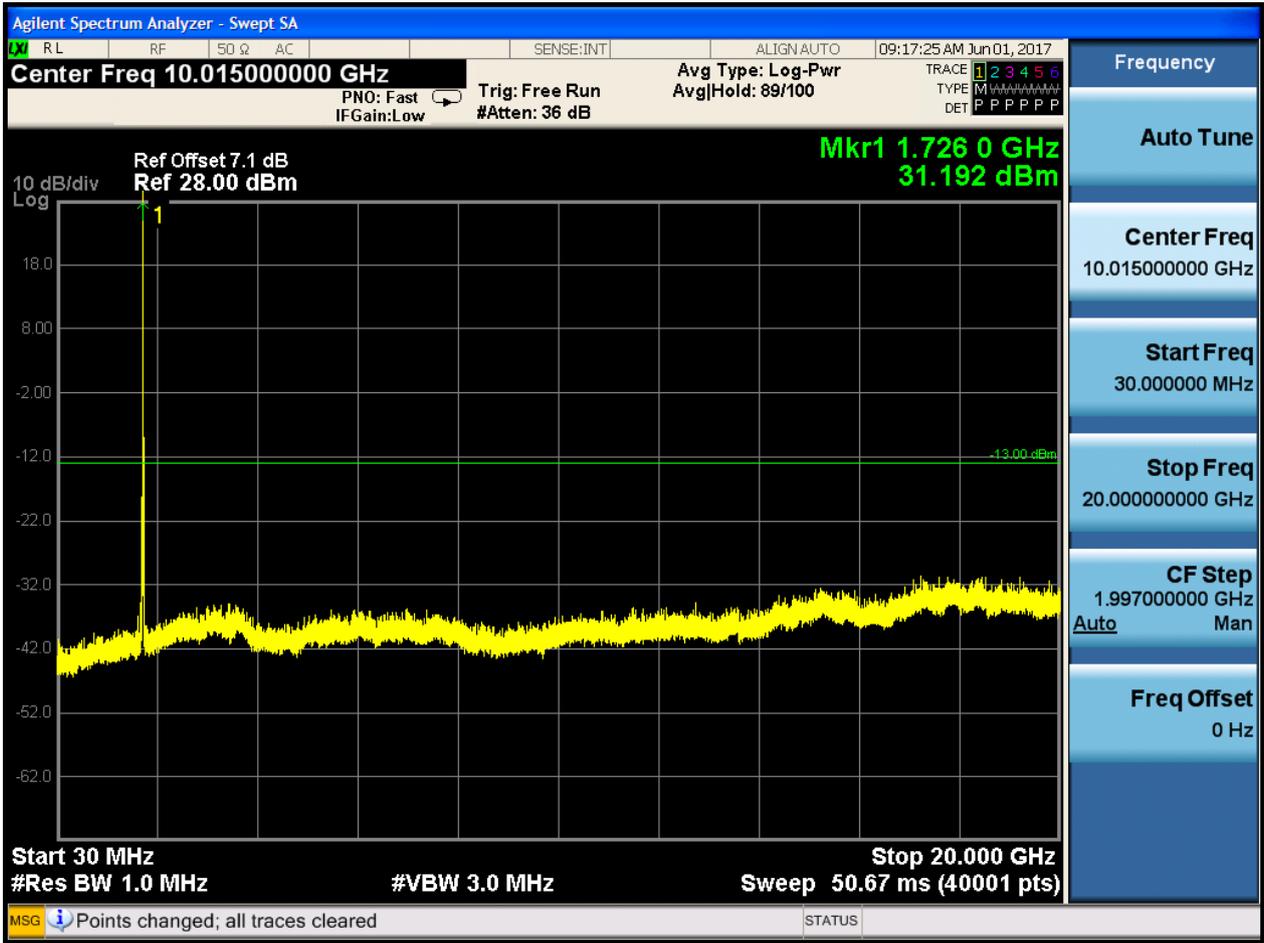


6.1.1.1.5.2 Test Channel = MCH

6.1.1.1.5.2.1 Test RB = RB1#0



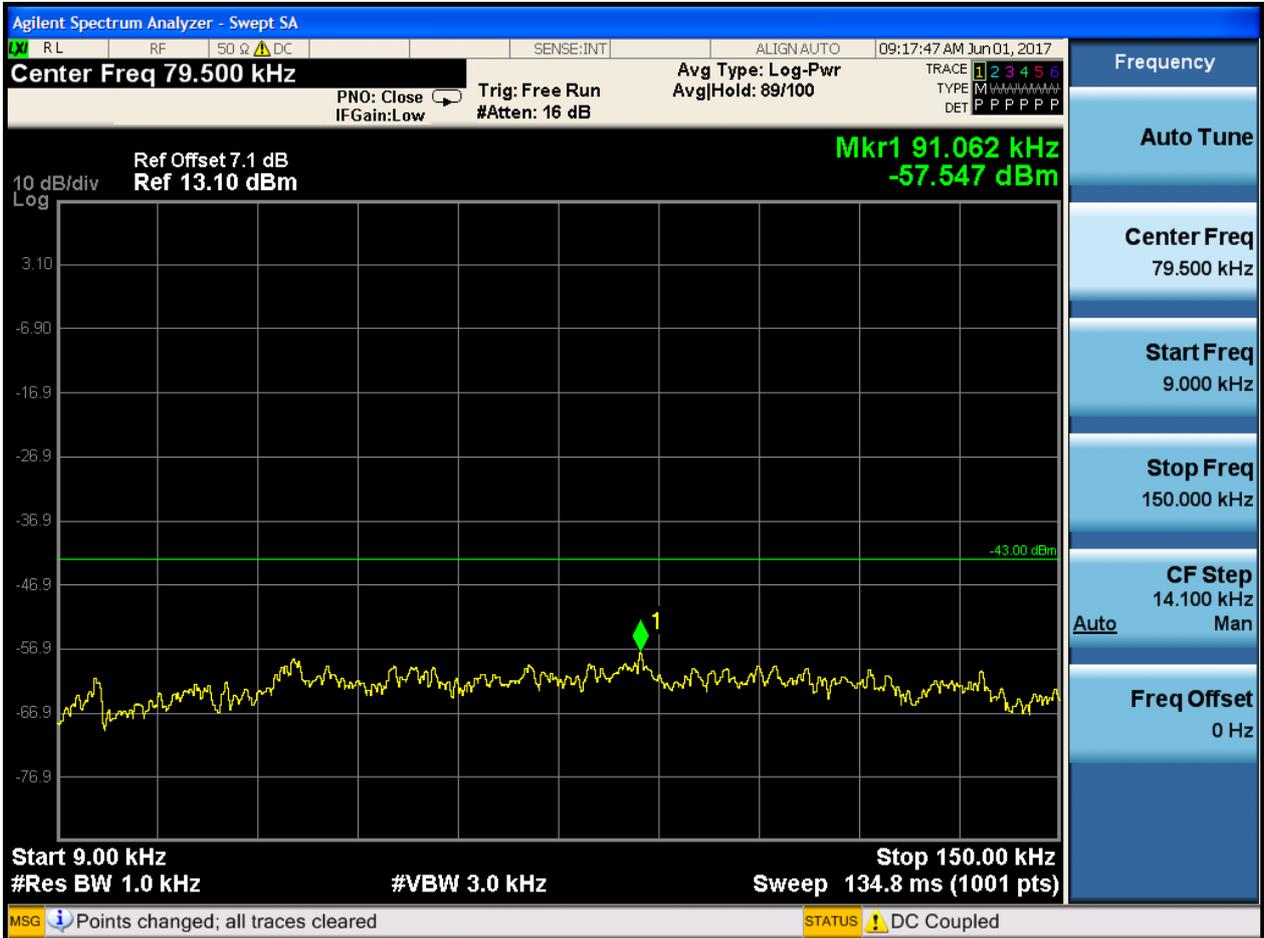


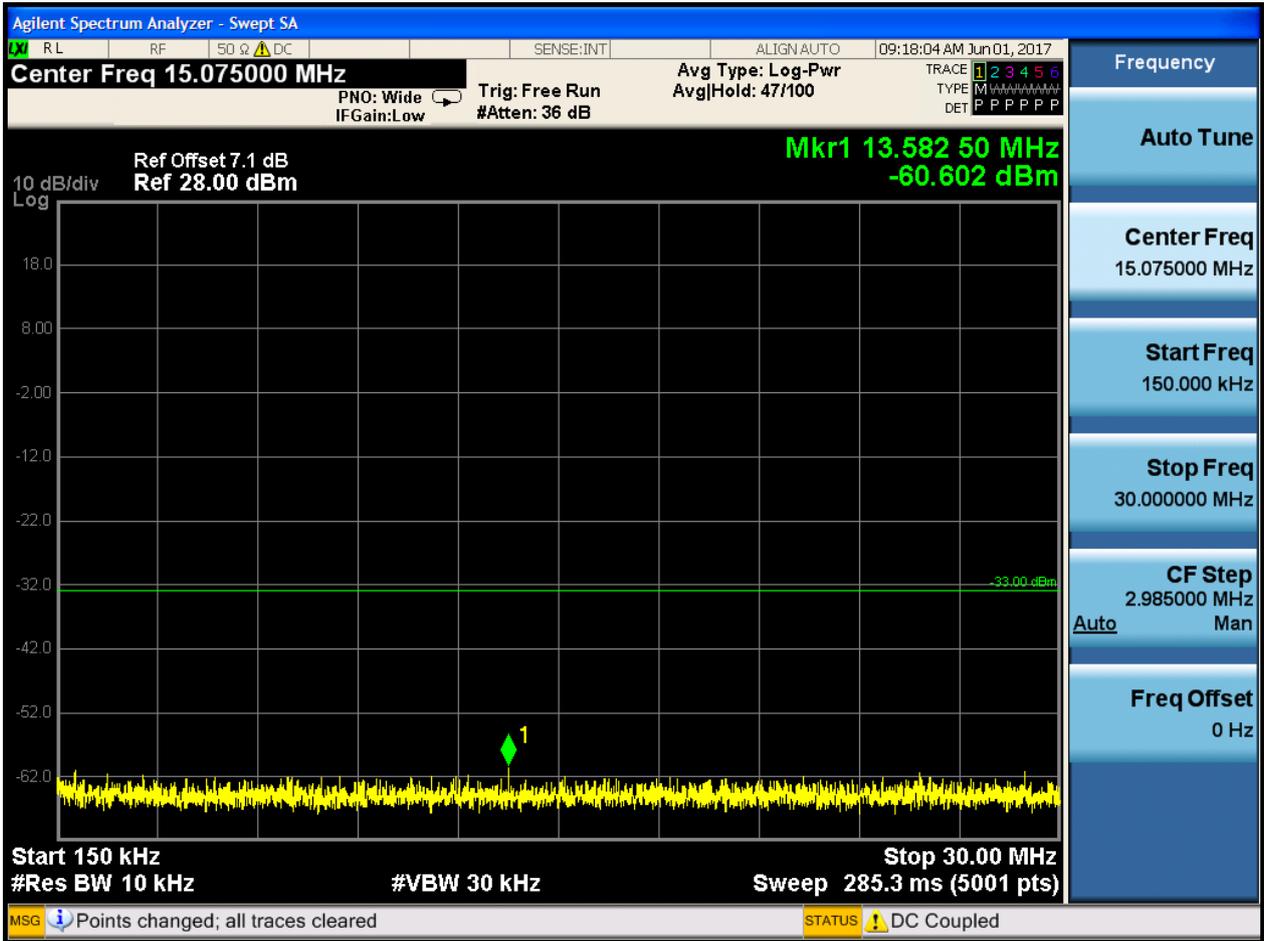


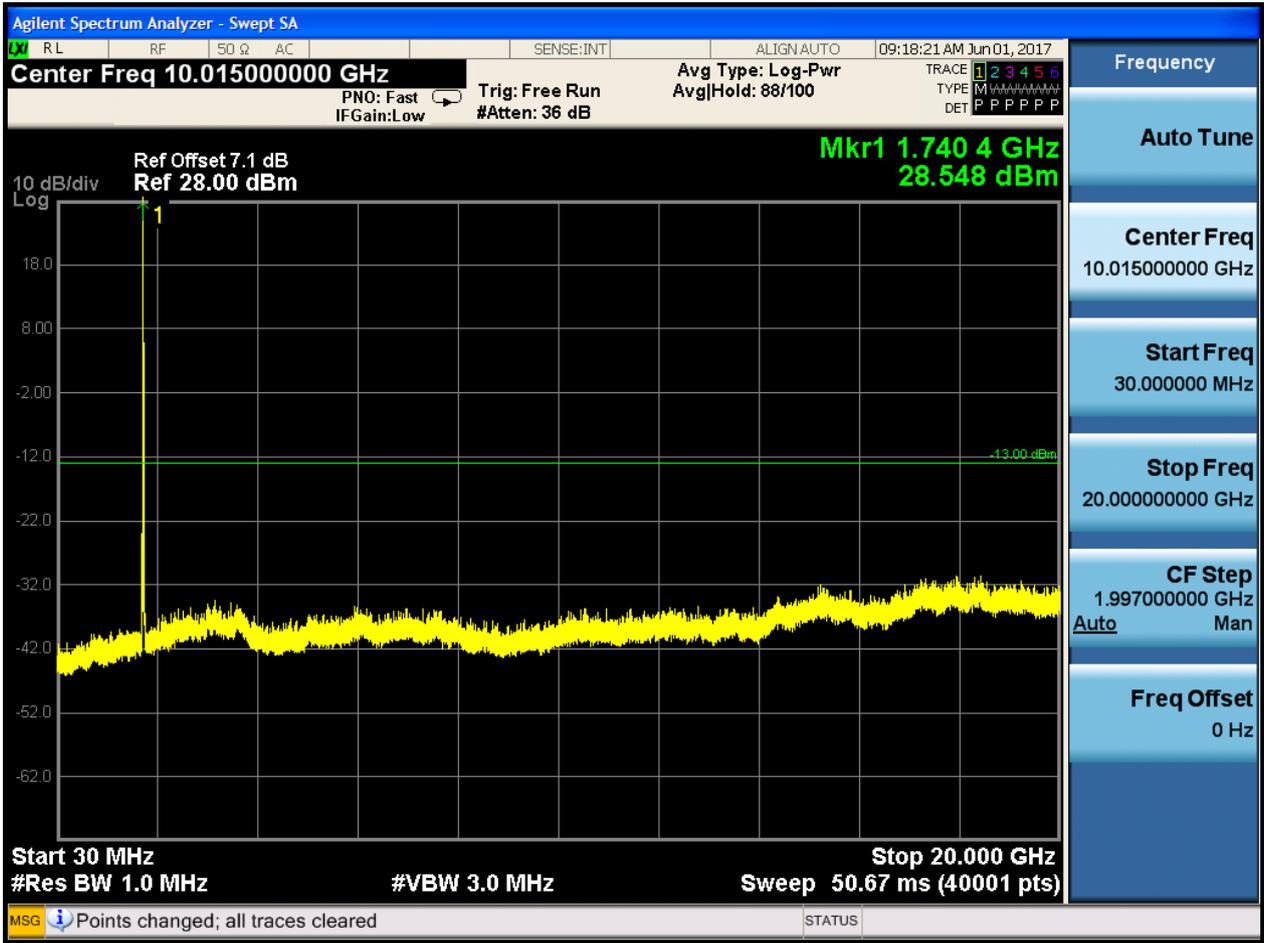


6.1.1.1.5.3 Test Channel = HCH

6.1.1.1.5.3.1 Test RB = RB1#0





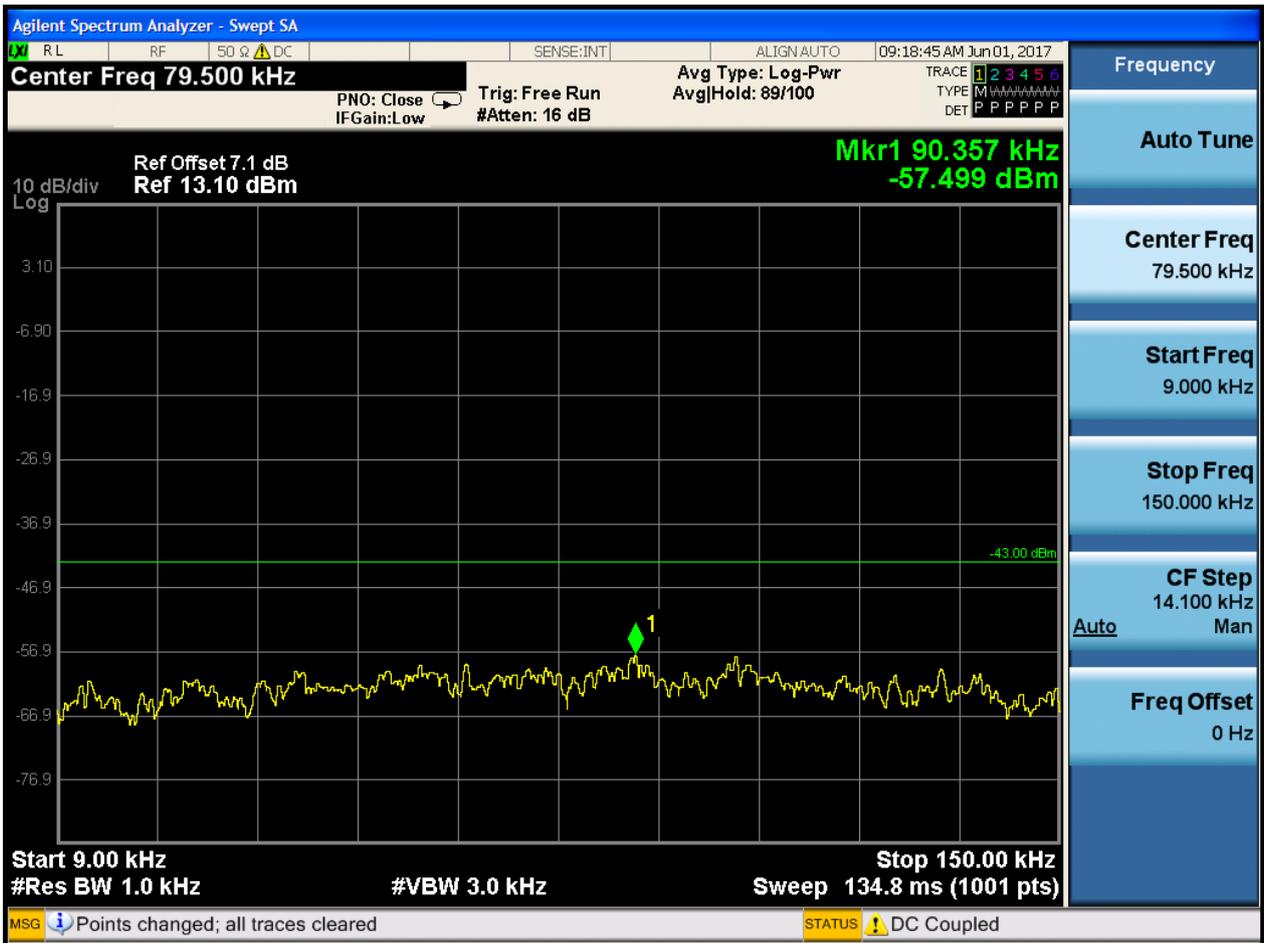


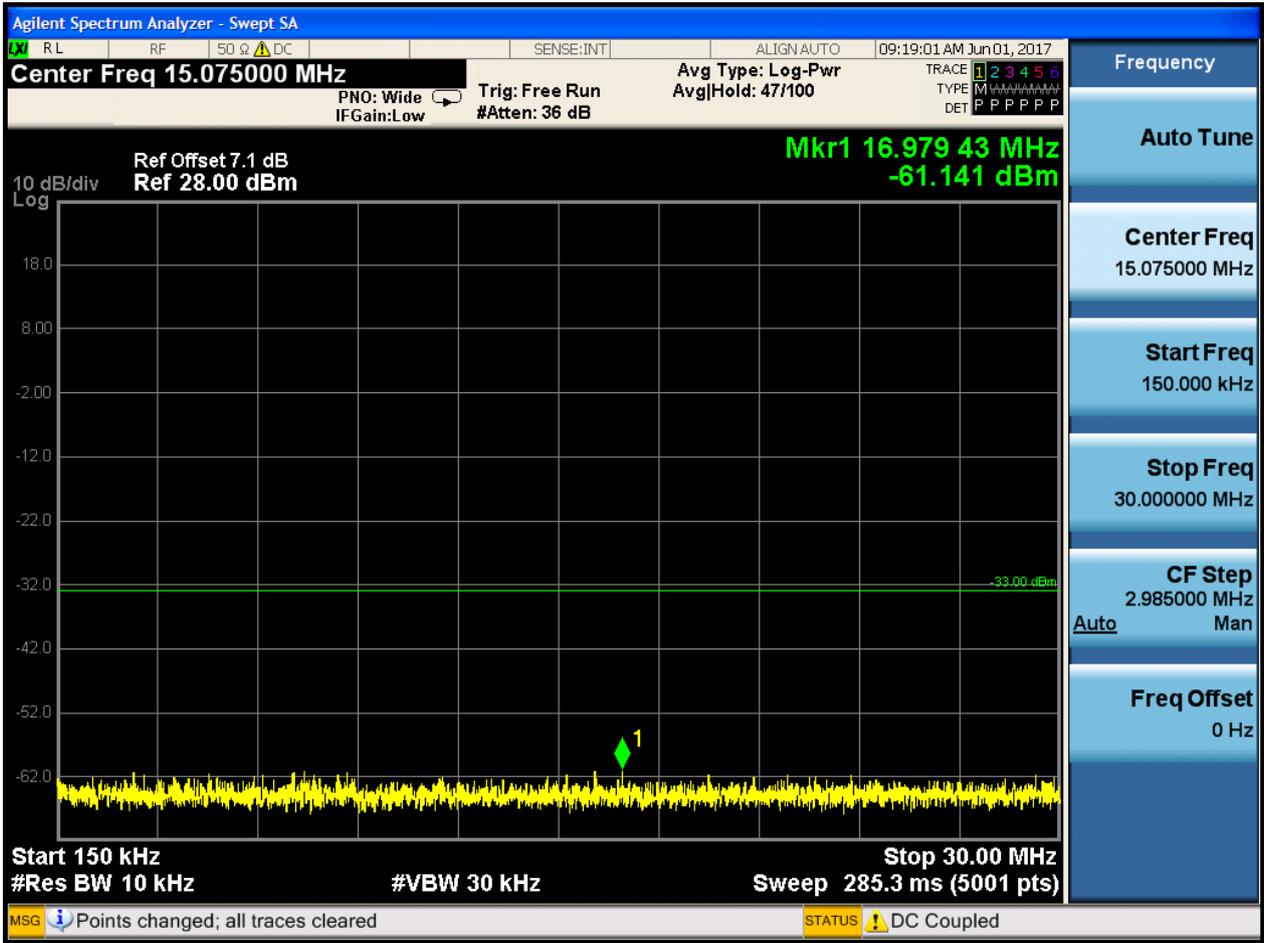


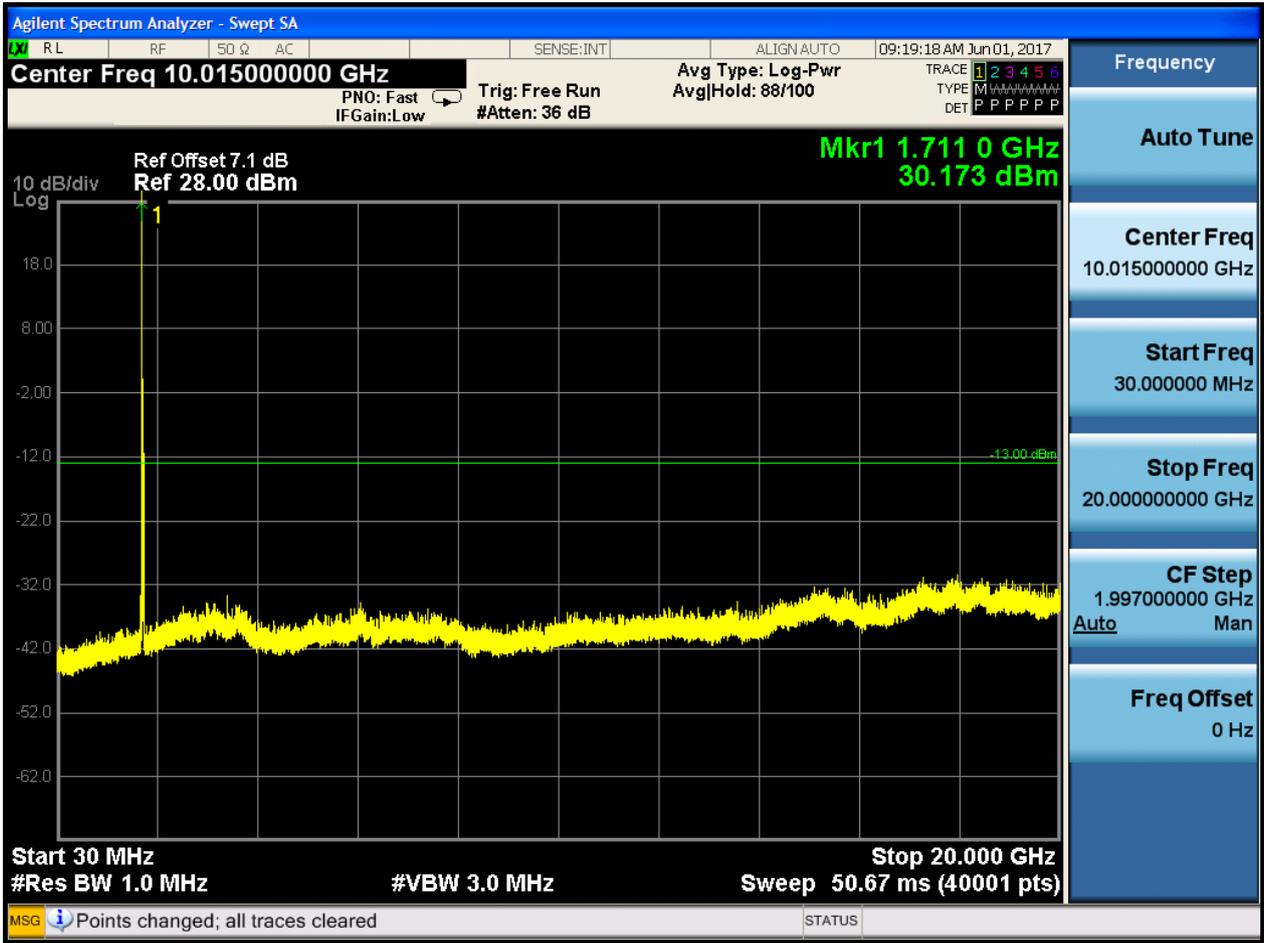
6.1.1.1.6 Test Bandwidth = 20

6.1.1.1.6.1 Test Channel = LCH

6.1.1.1.6.1.1 Test RB = RB1#0



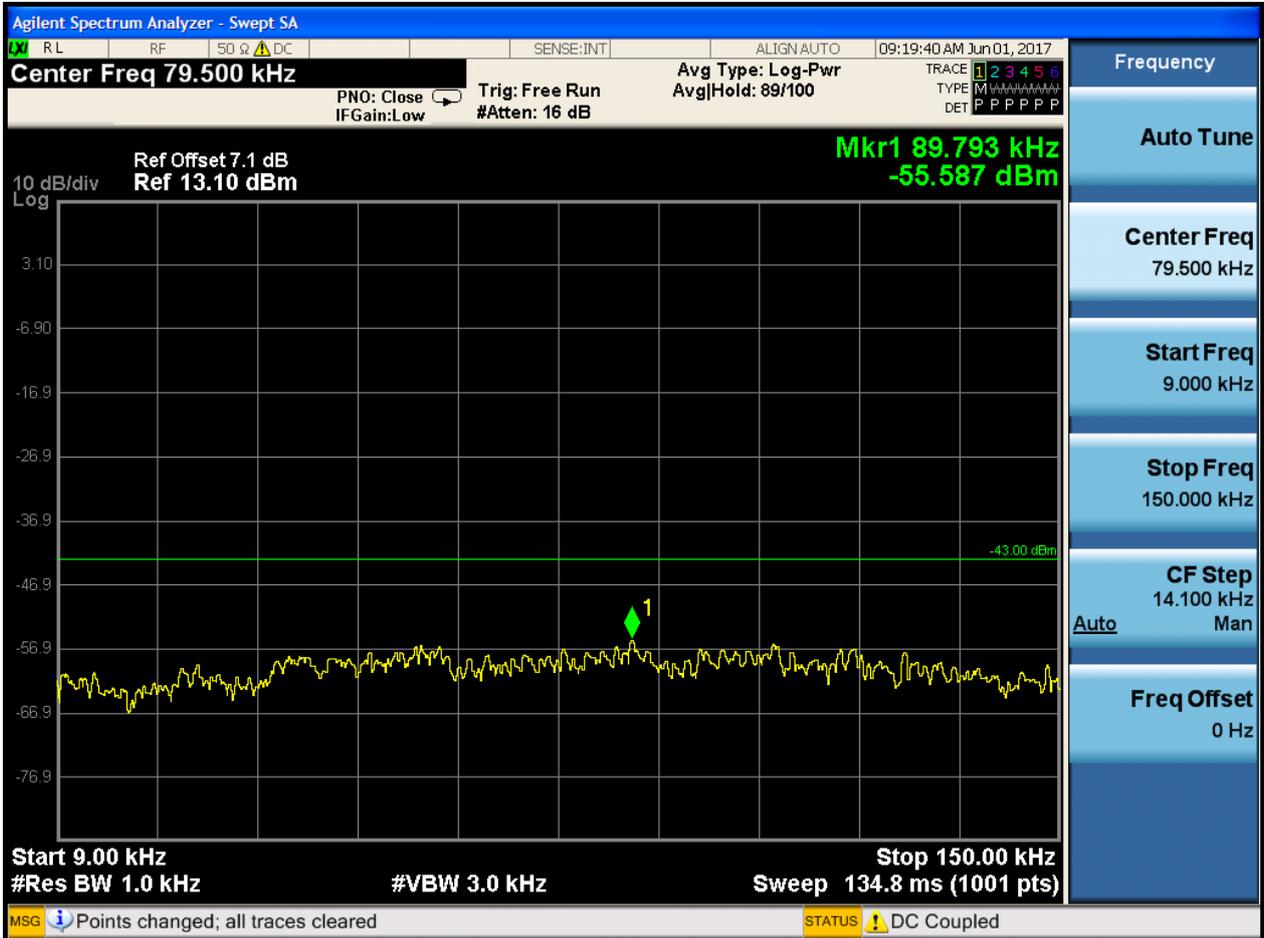


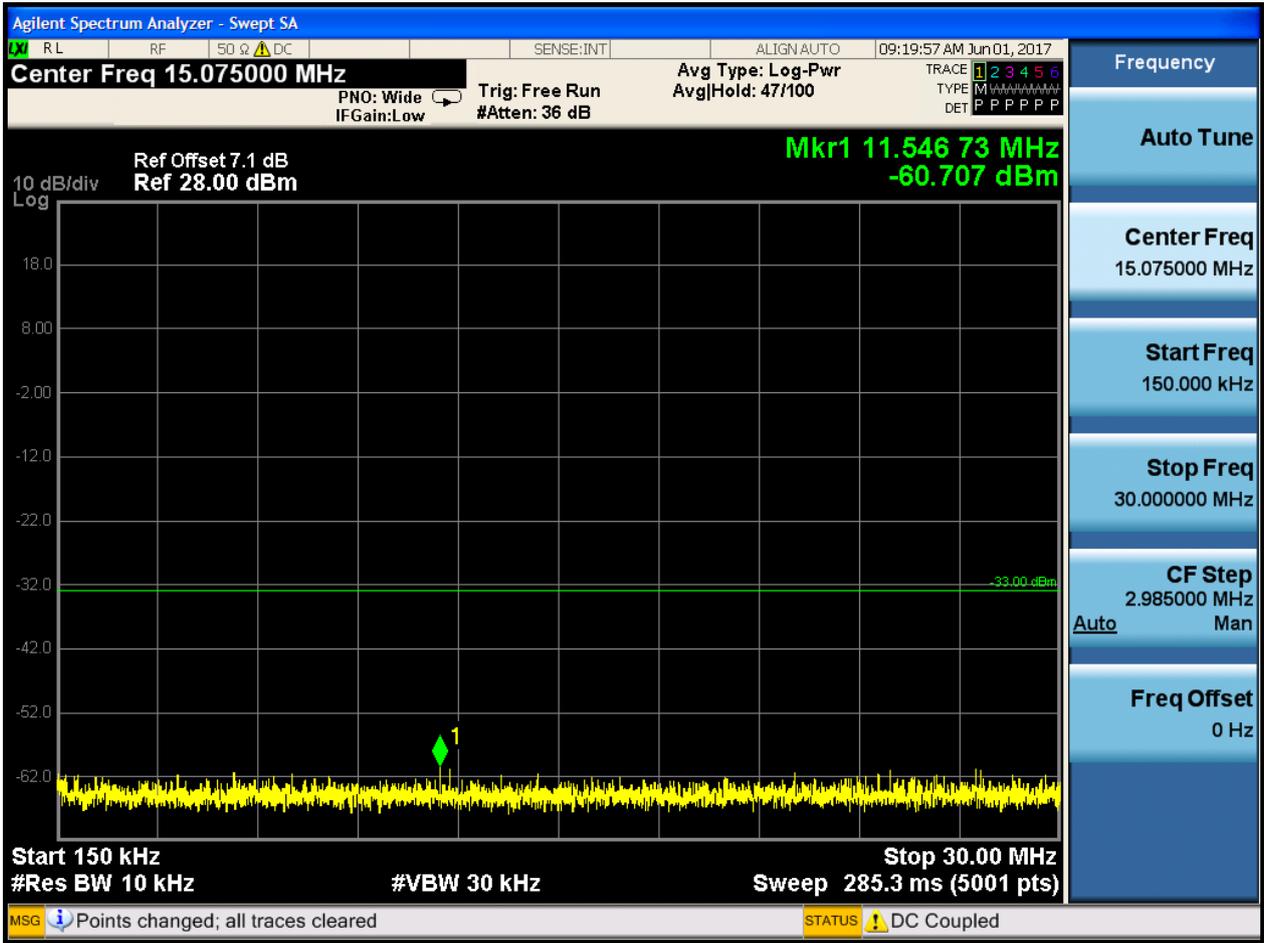


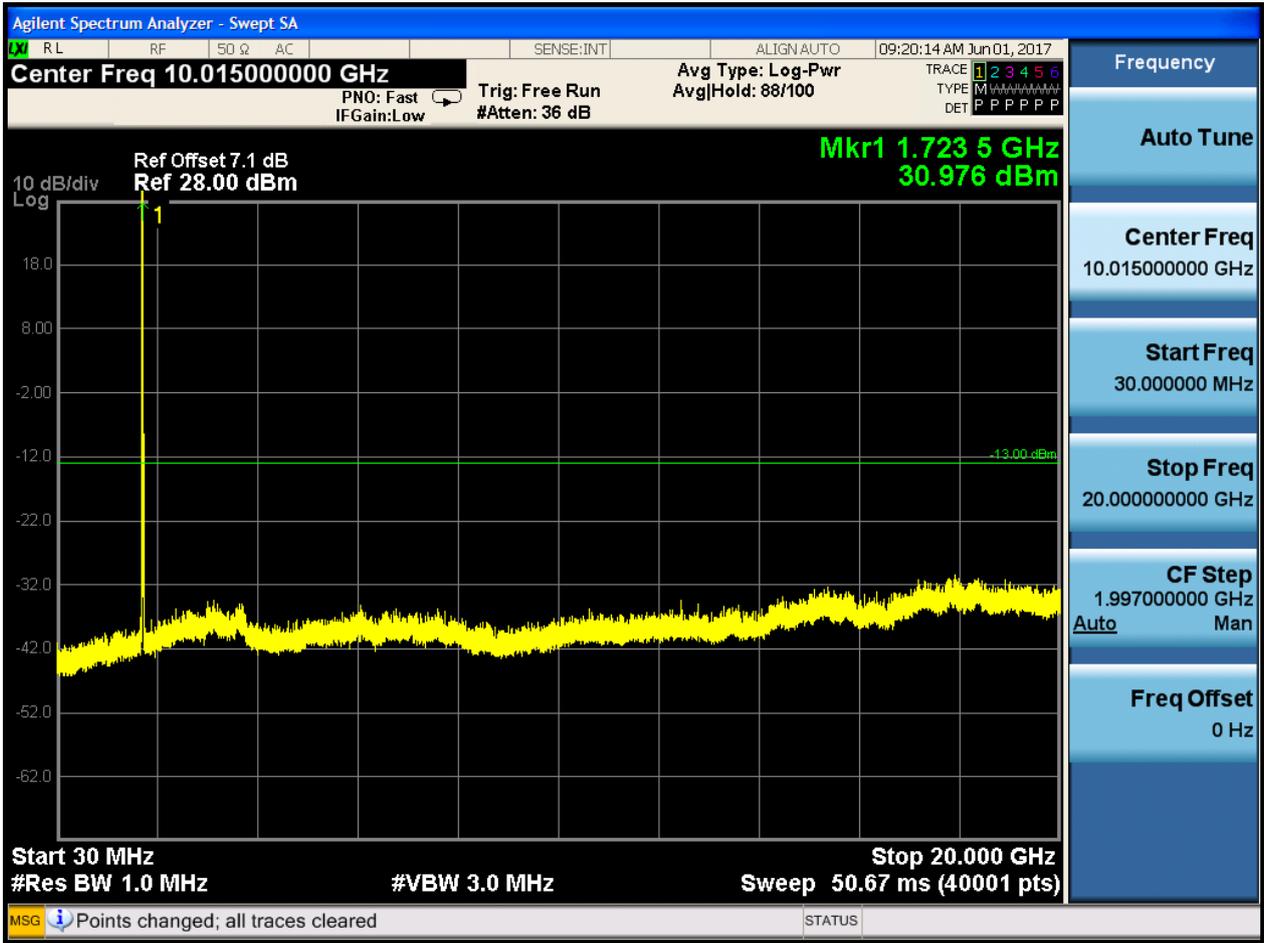


6.1.1.1.6.2 Test Channel = MCH

6.1.1.1.6.2.1 Test RB = RB1#0



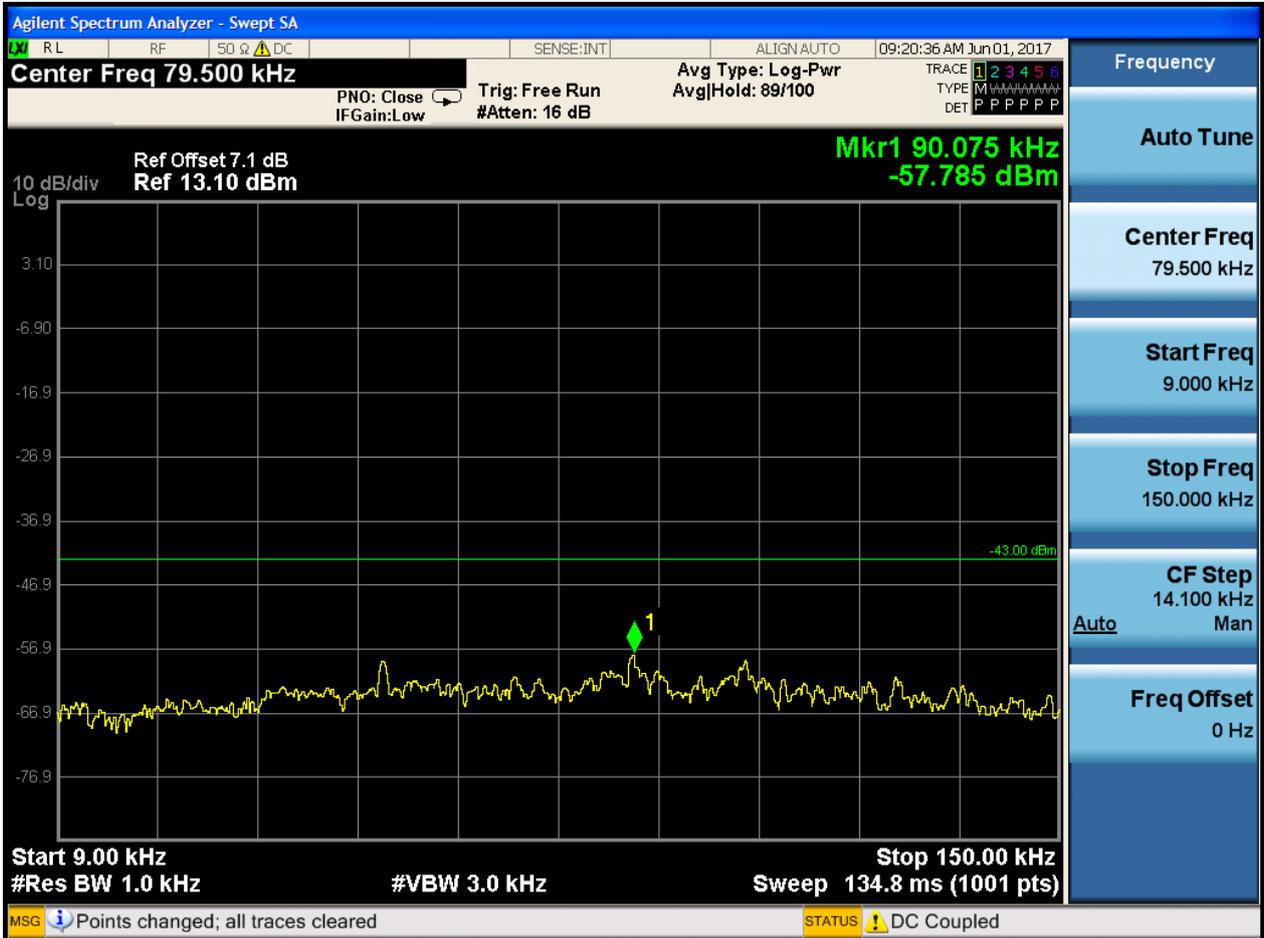


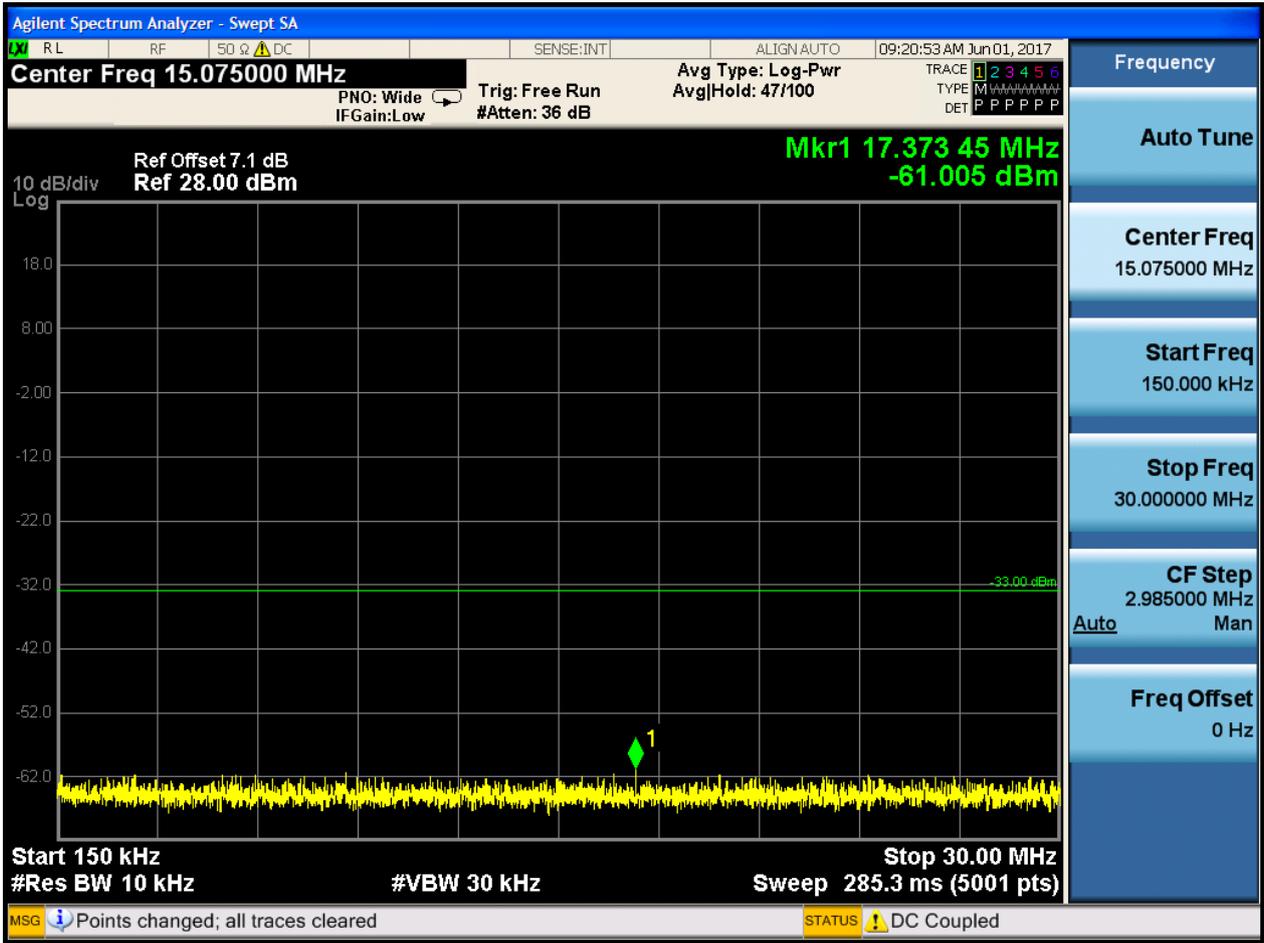


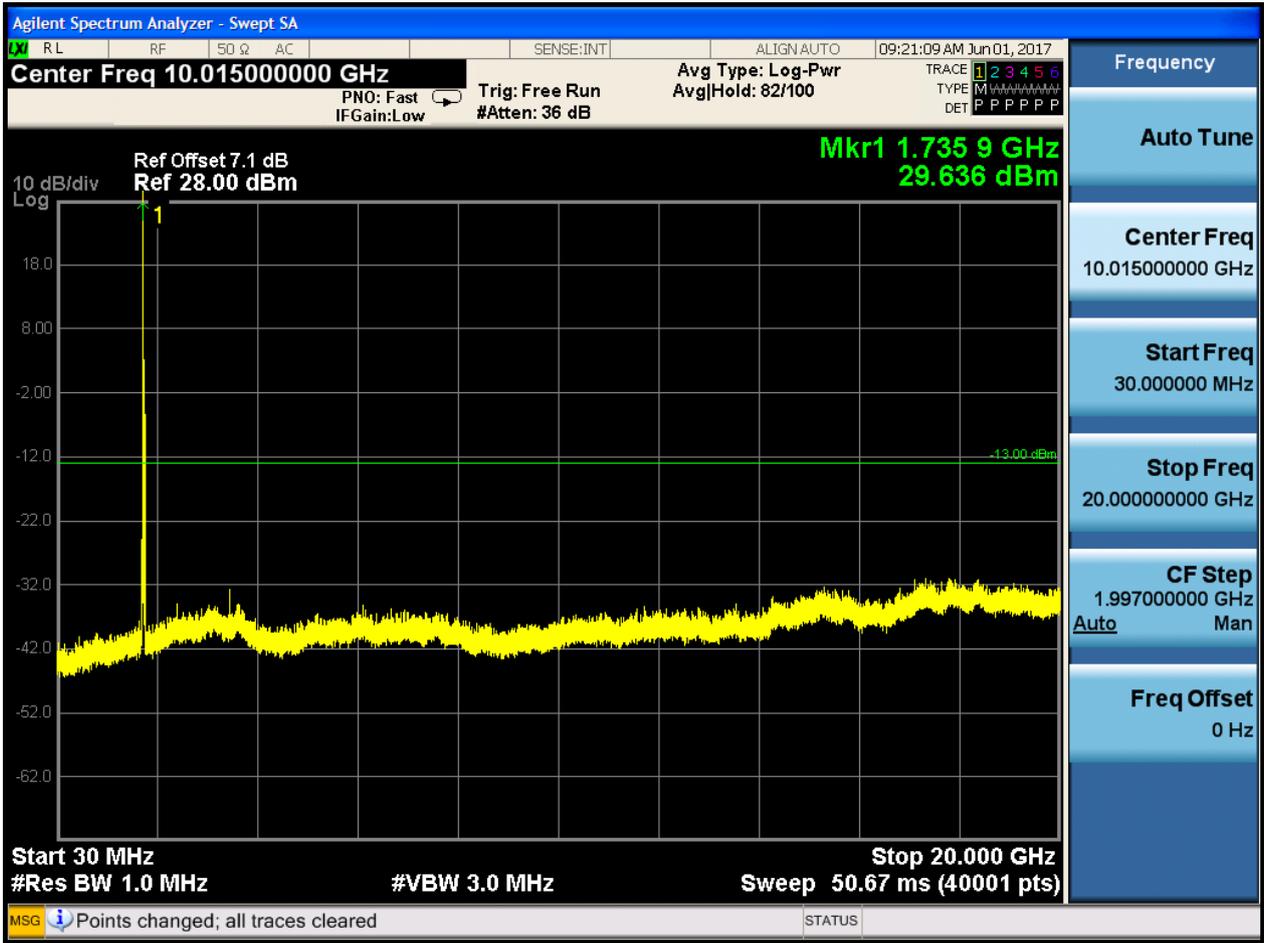


6.1.1.1.6.3 Test Channel = HCH

6.1.1.1.6.3.1 Test RB = RB1#0







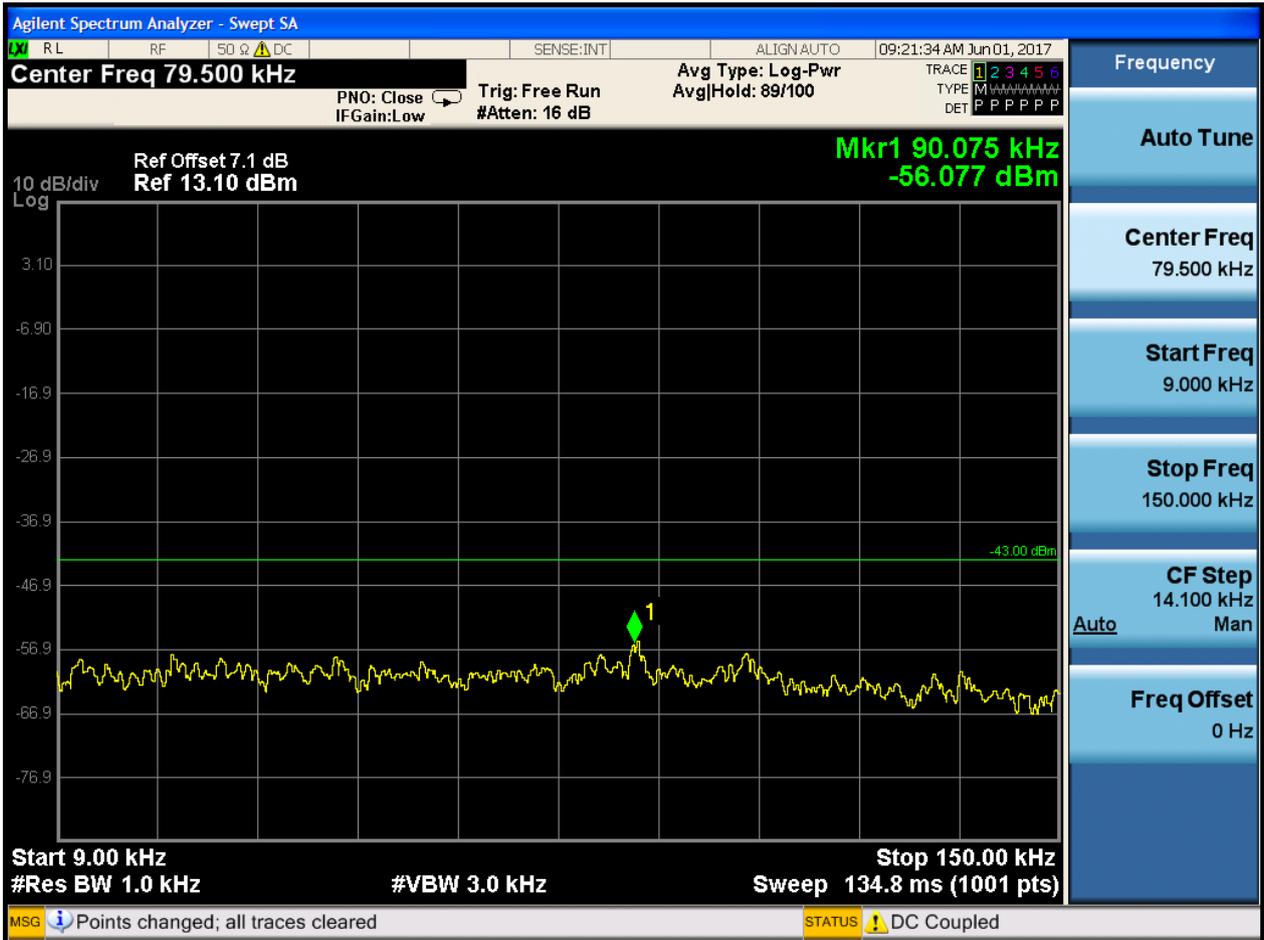


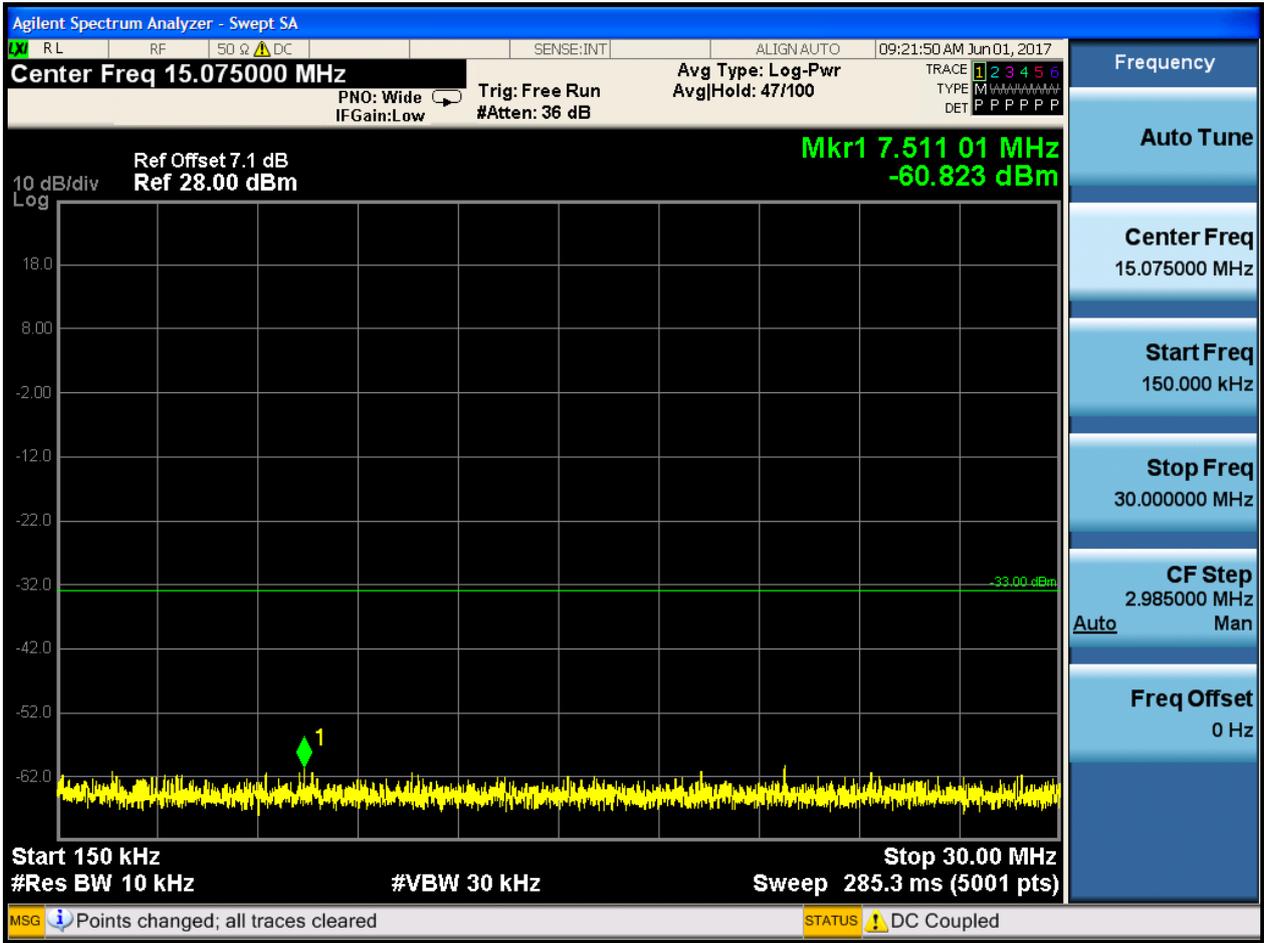
6.1.1.2 Test Mode = LTE/TM2

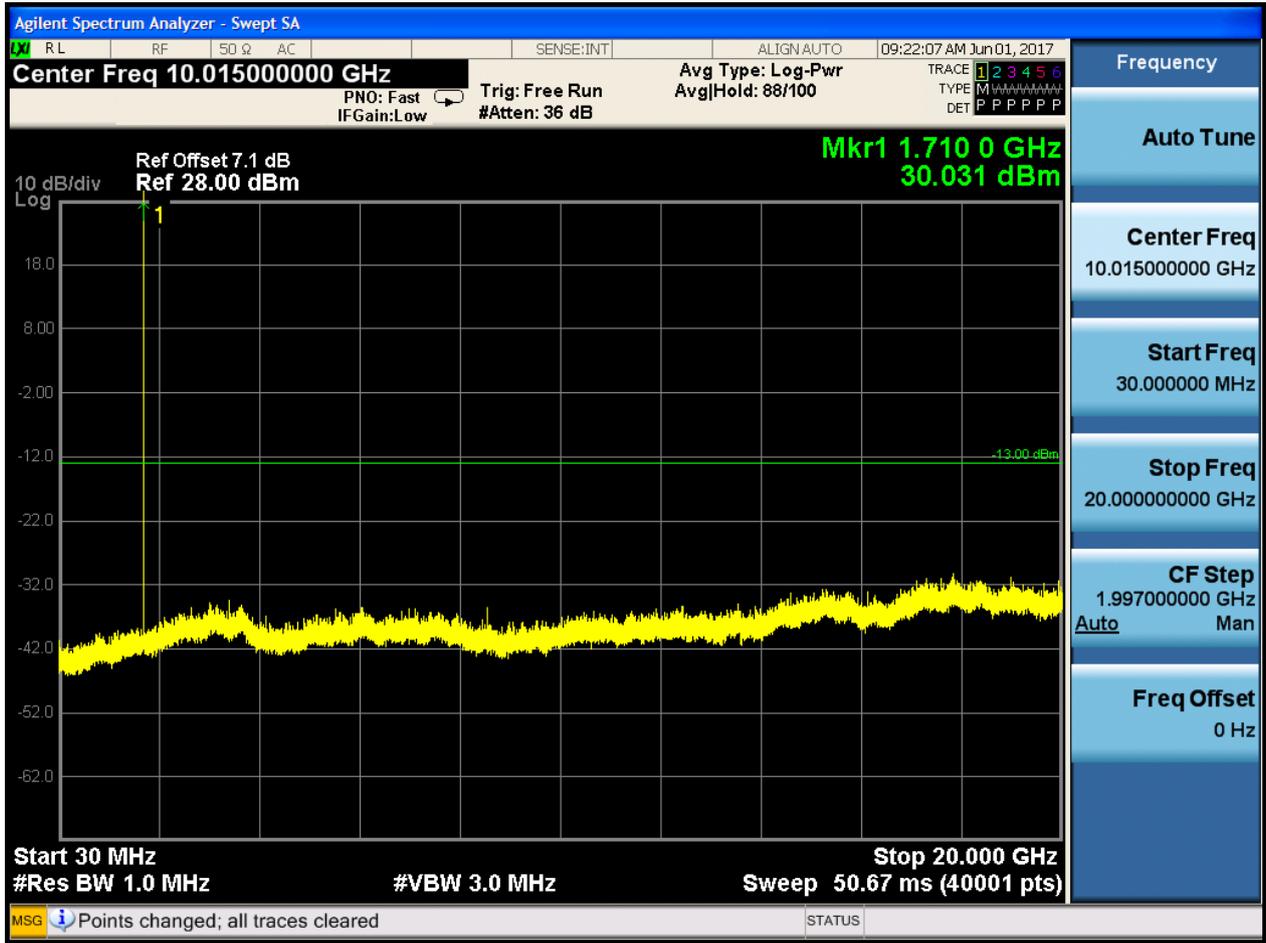
6.1.1.2.1 Test Bandwidth = 1.4

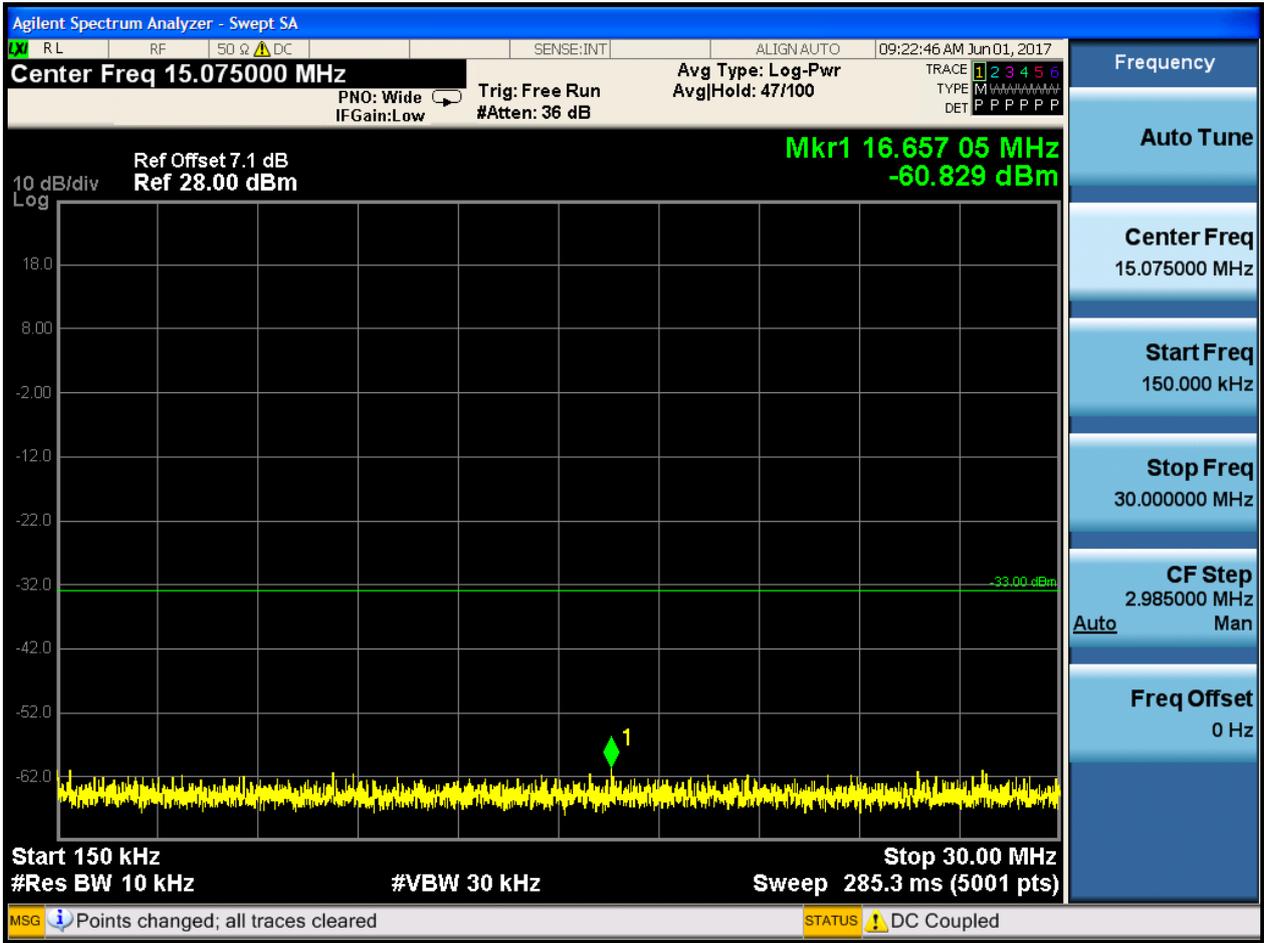
6.1.1.2.1.1 Test Channel = LCH

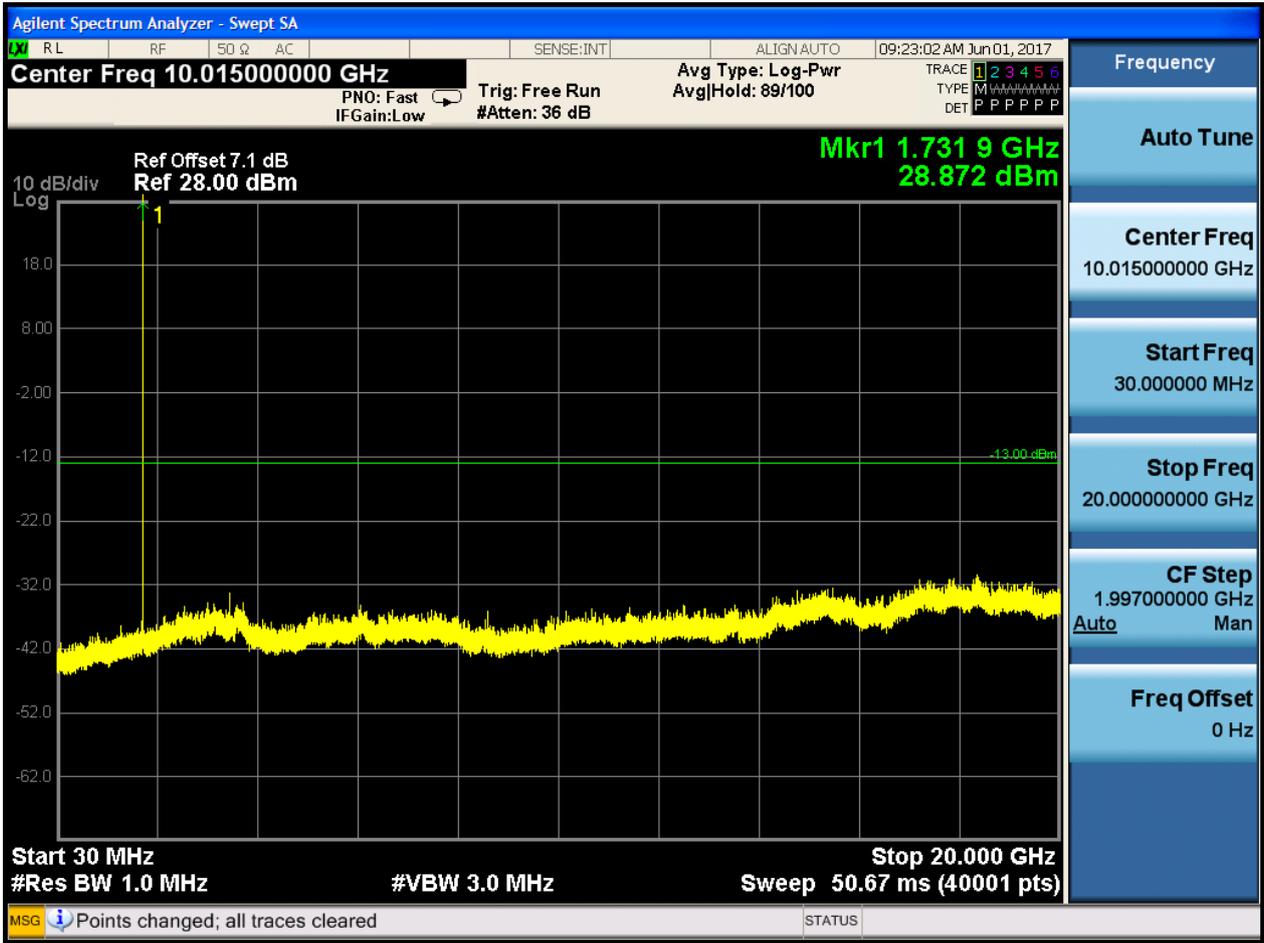
6.1.1.2.1.1.1 Test RB = RB1#0





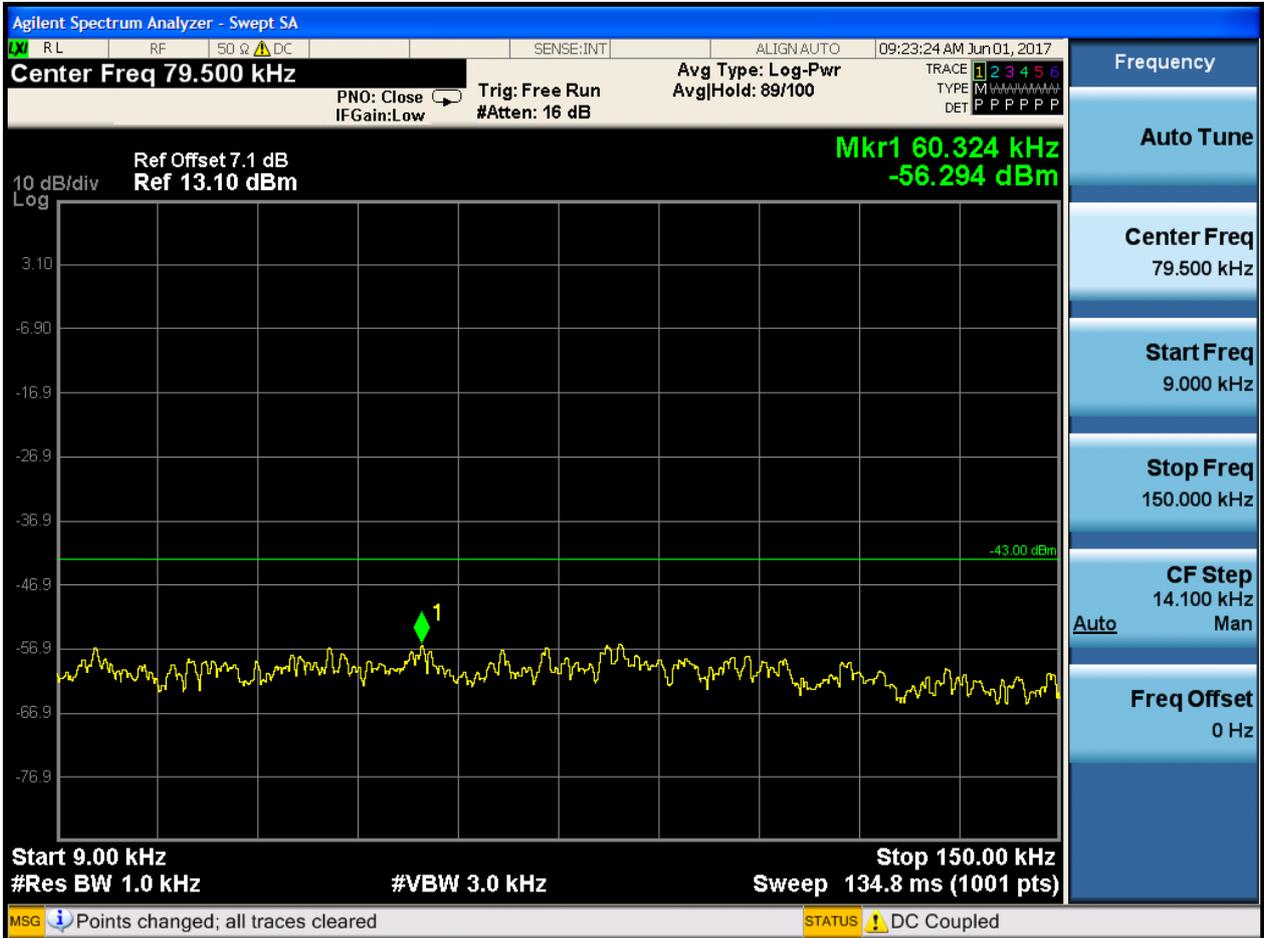


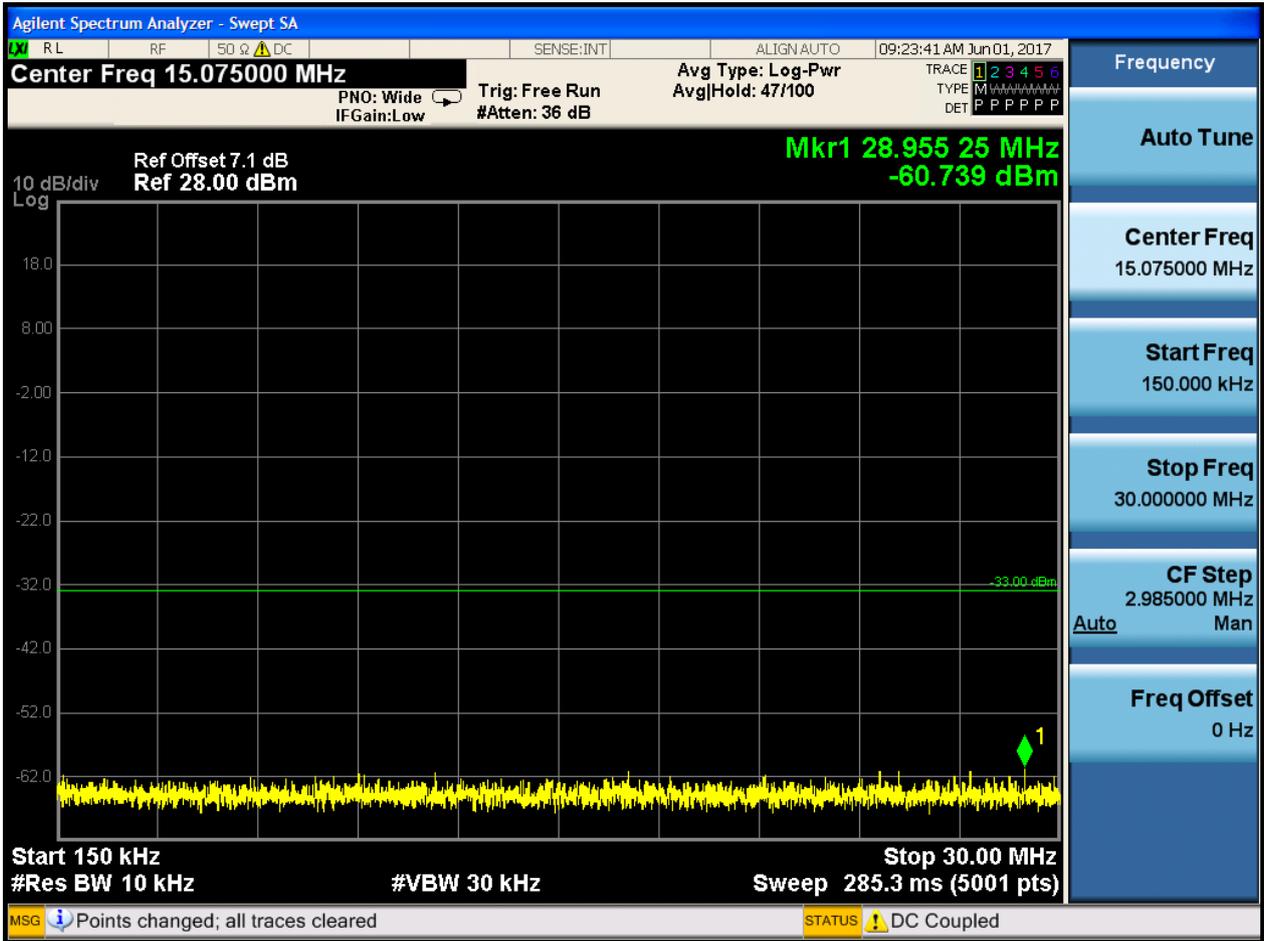


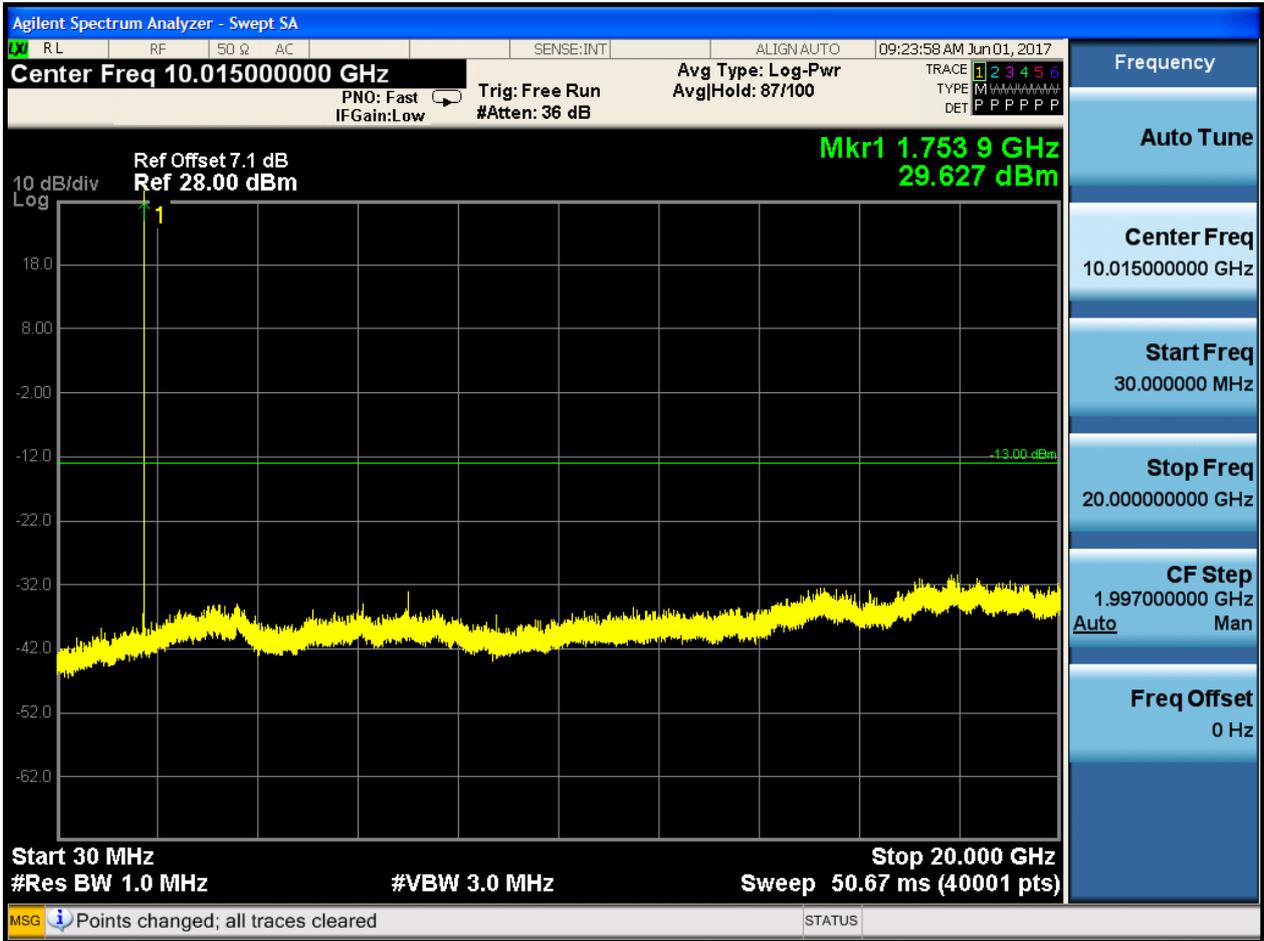


6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0





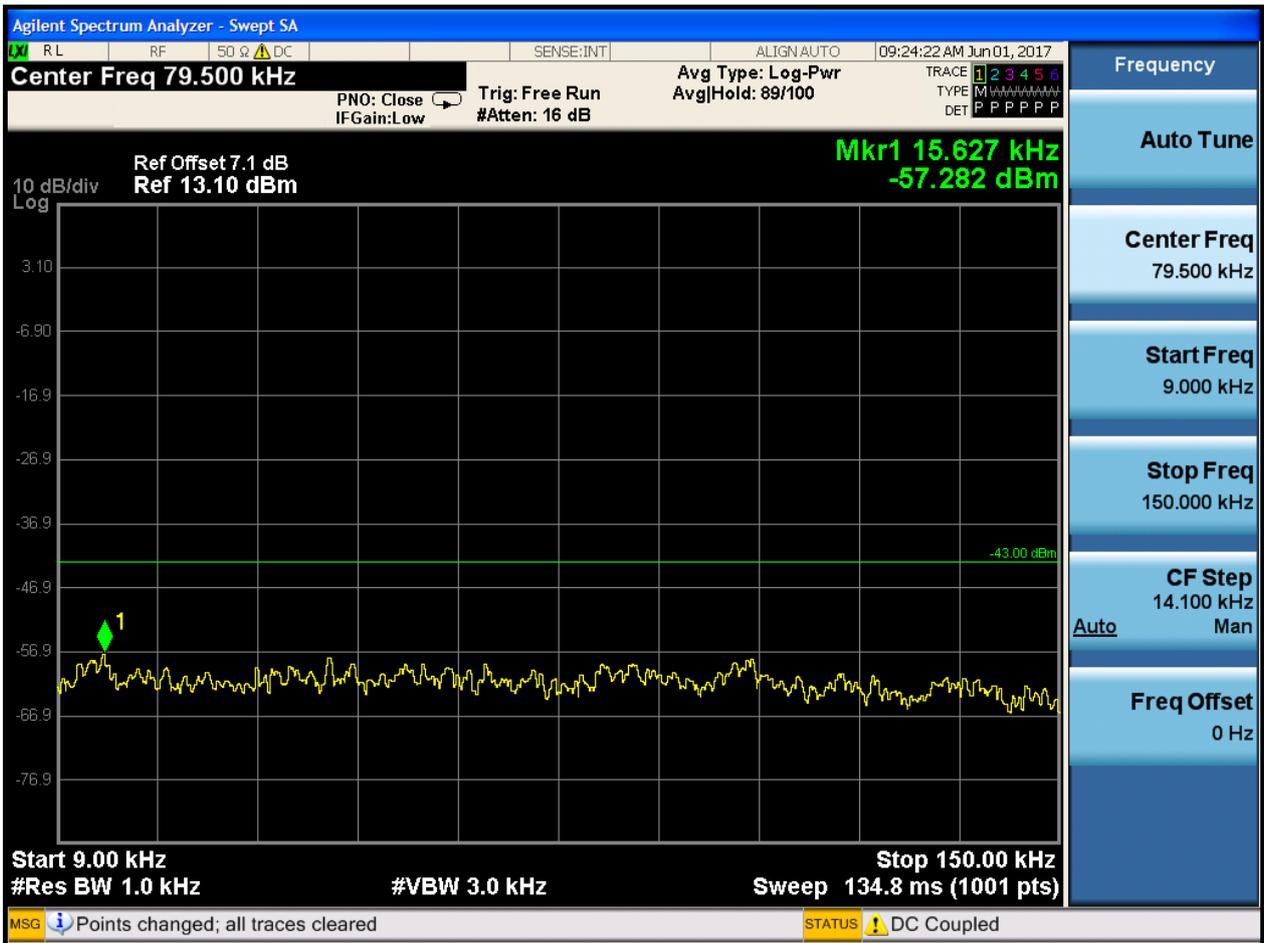


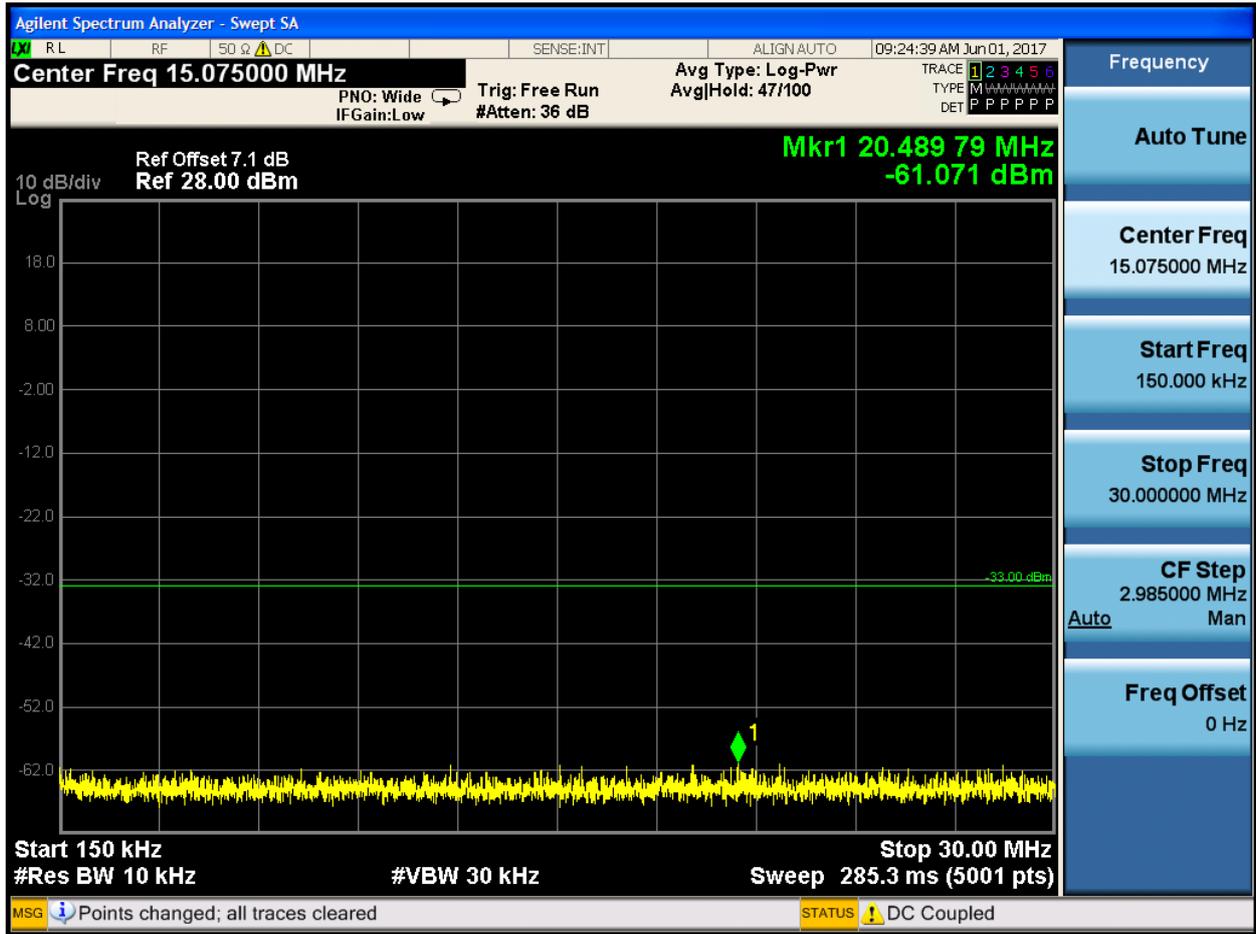


6.1.1.2.2 Test Bandwidth = 3

6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0

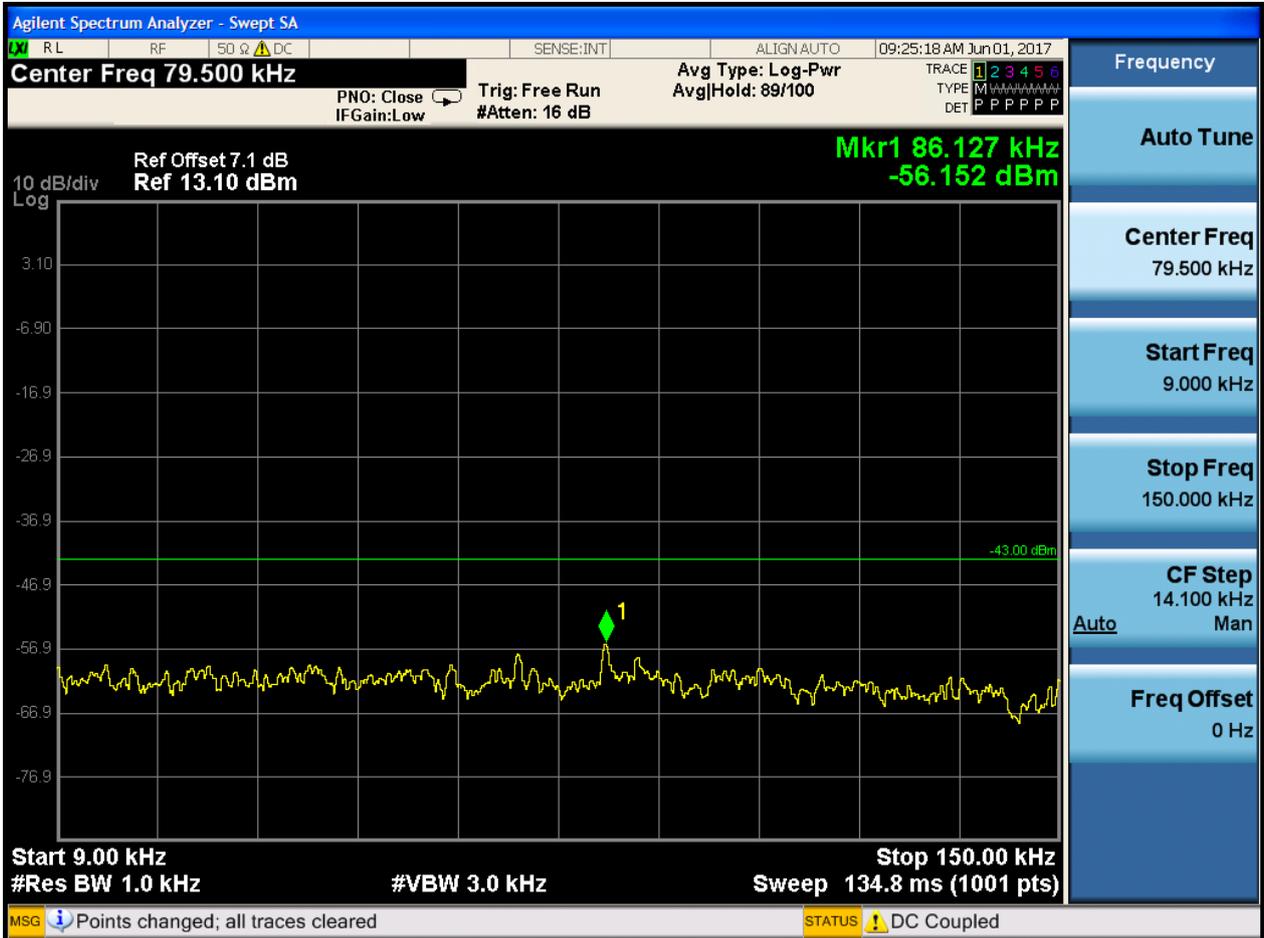


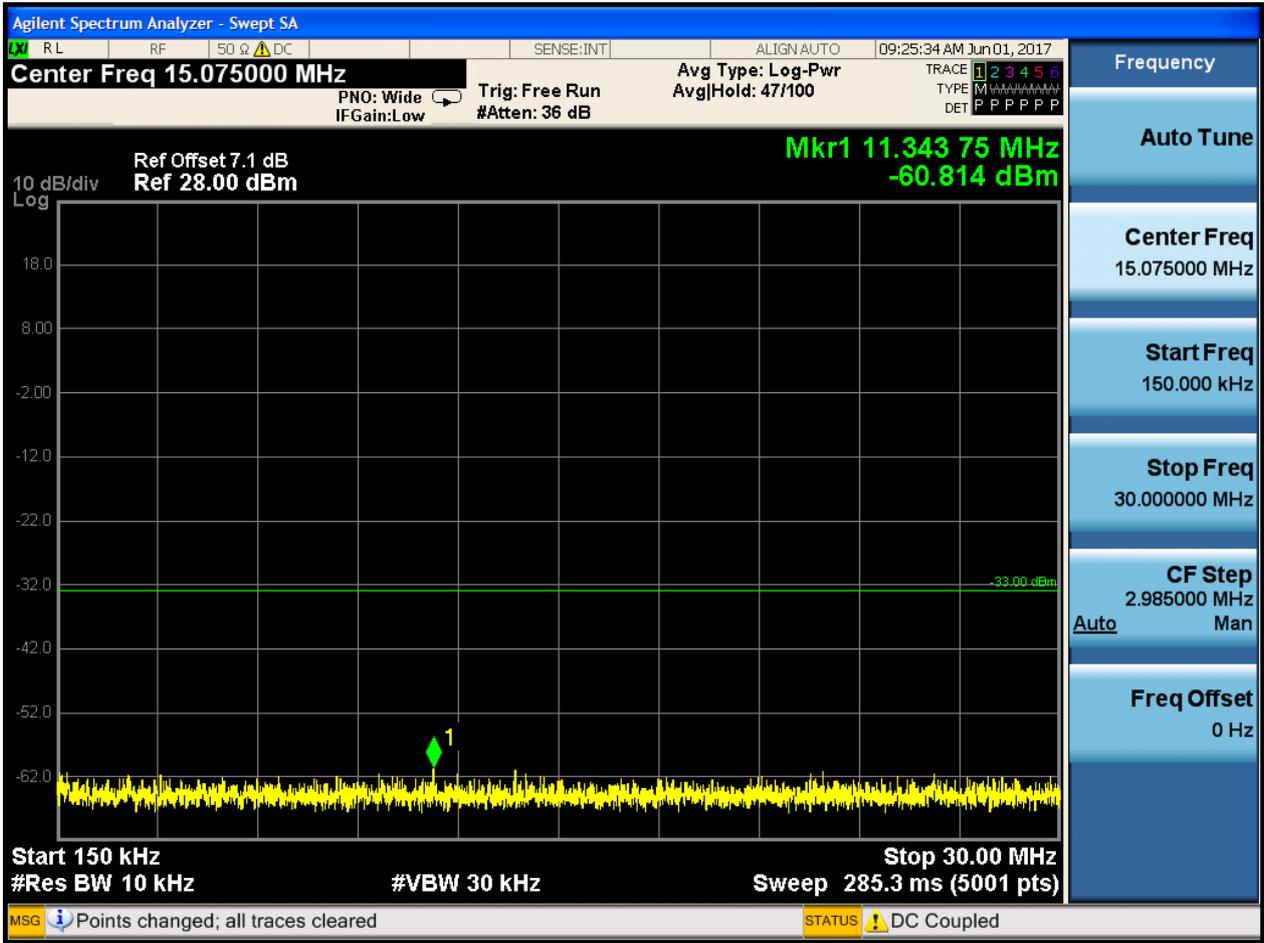


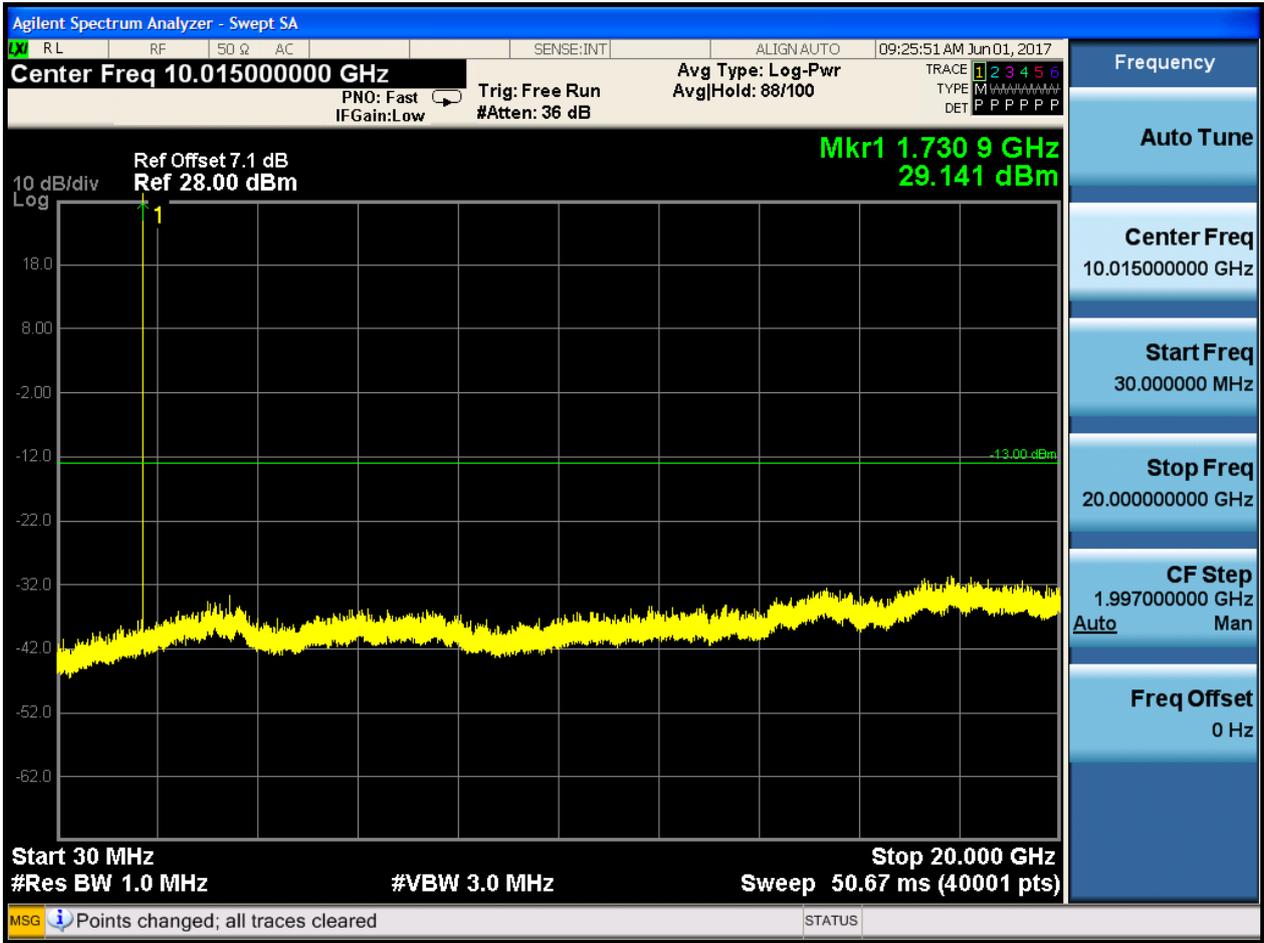


6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0

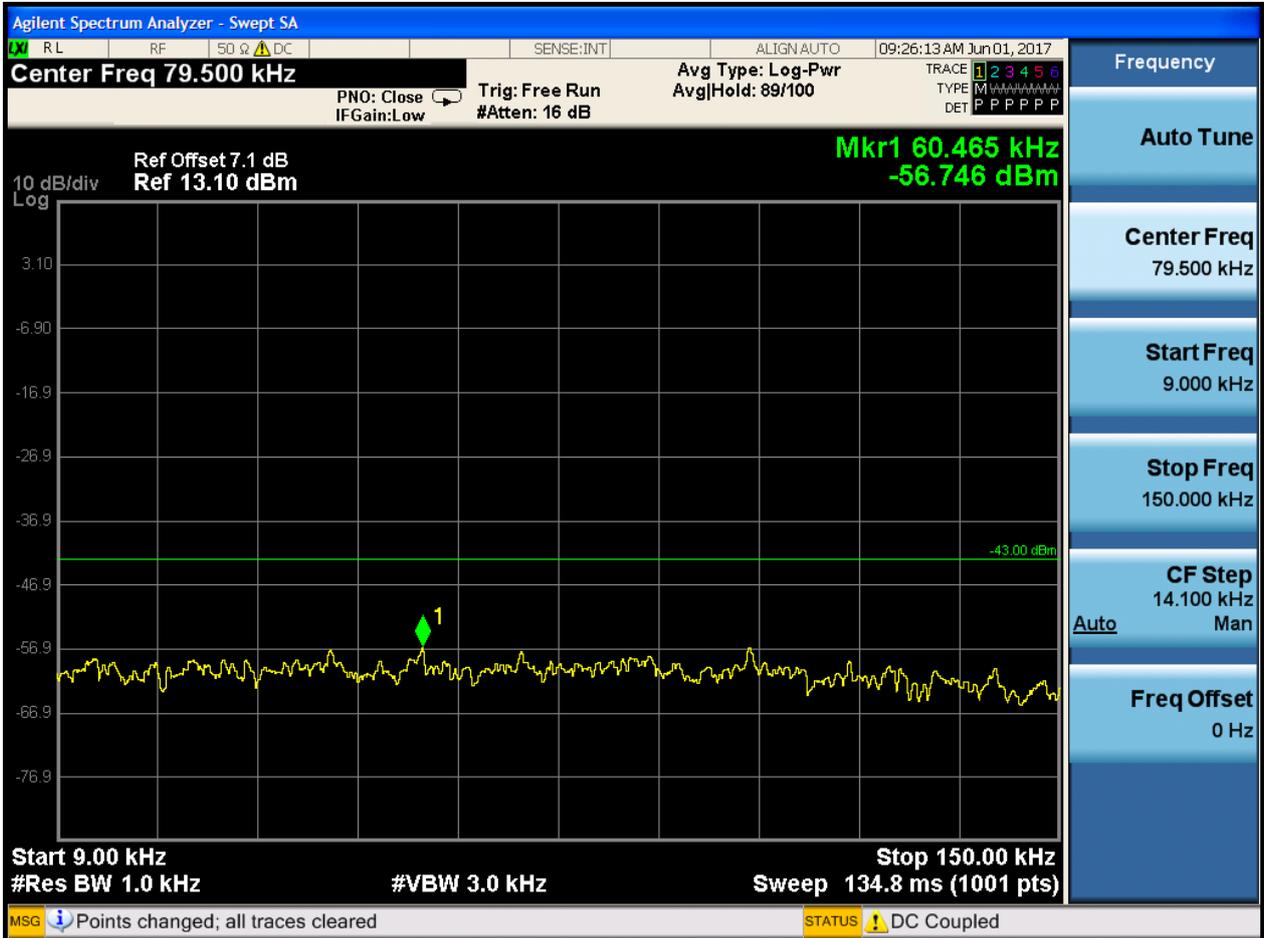


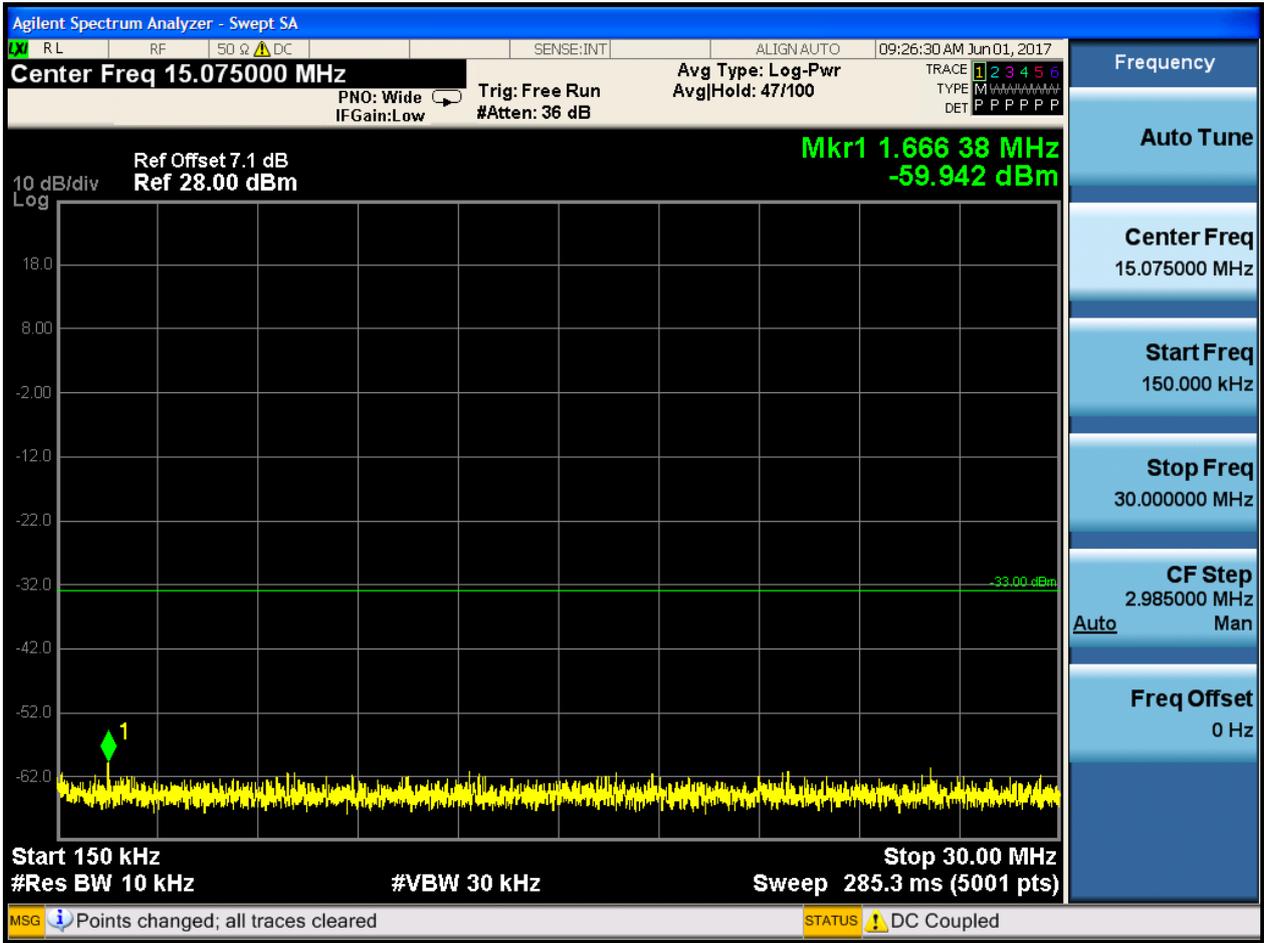


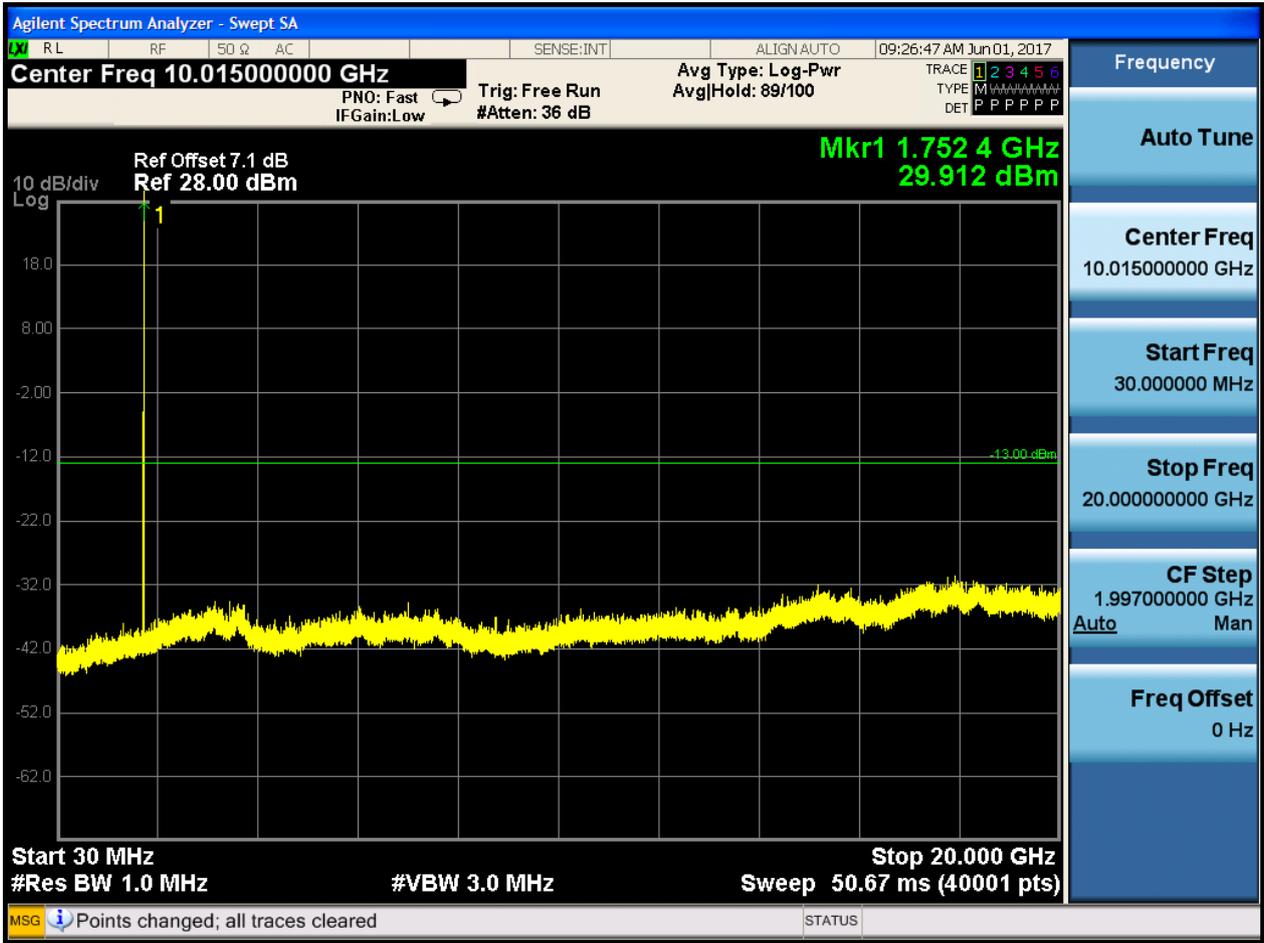


6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0



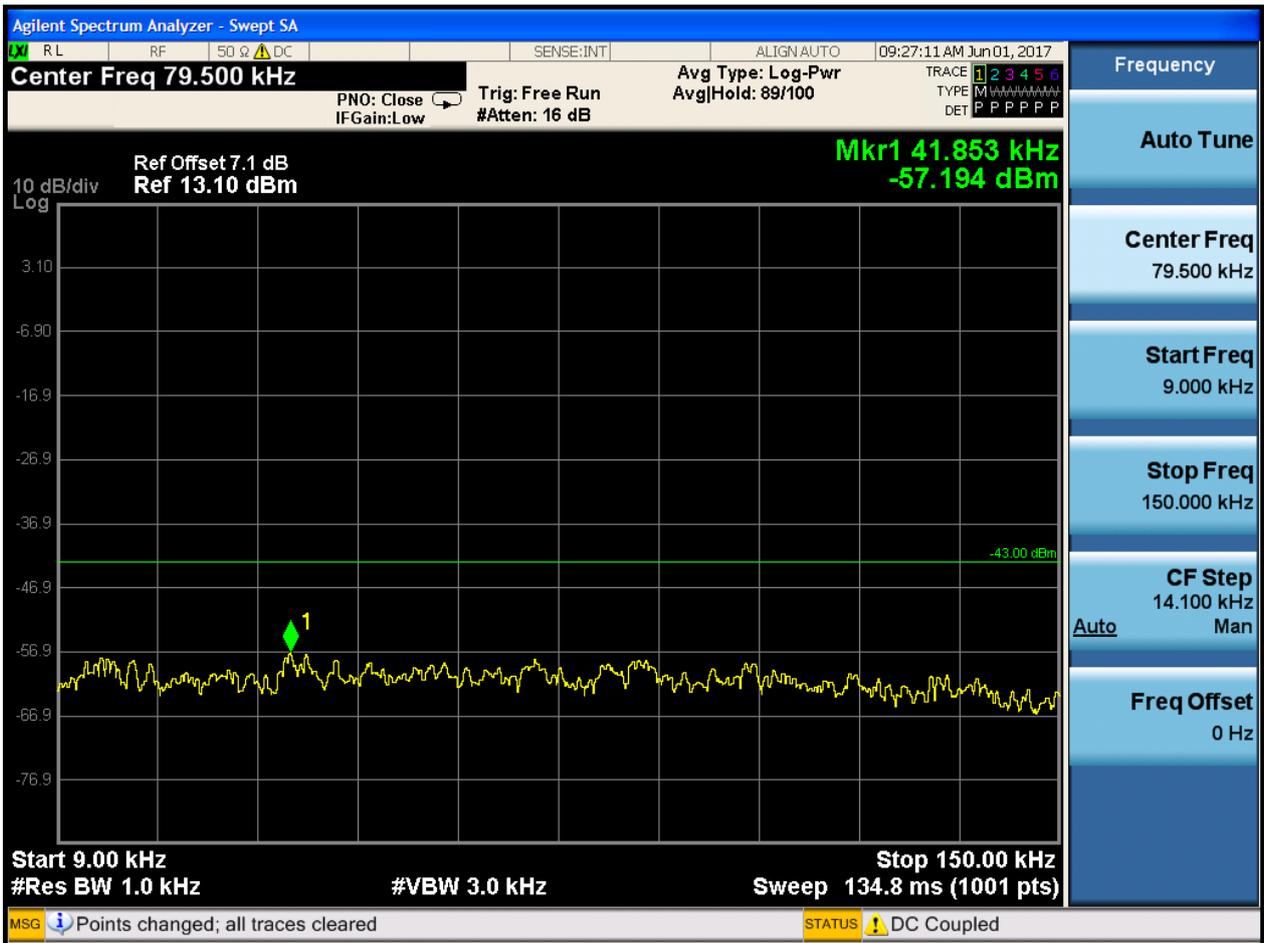


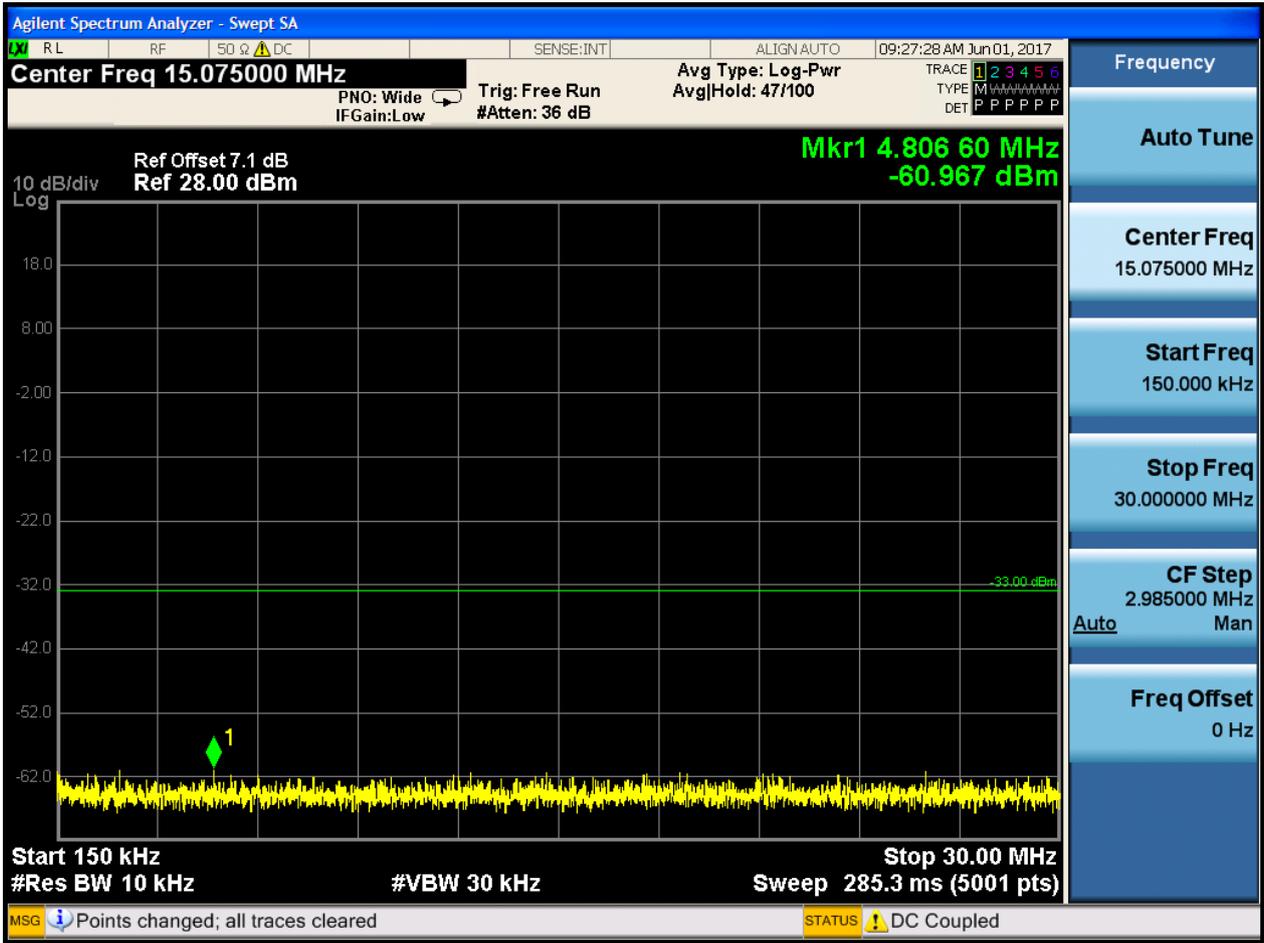


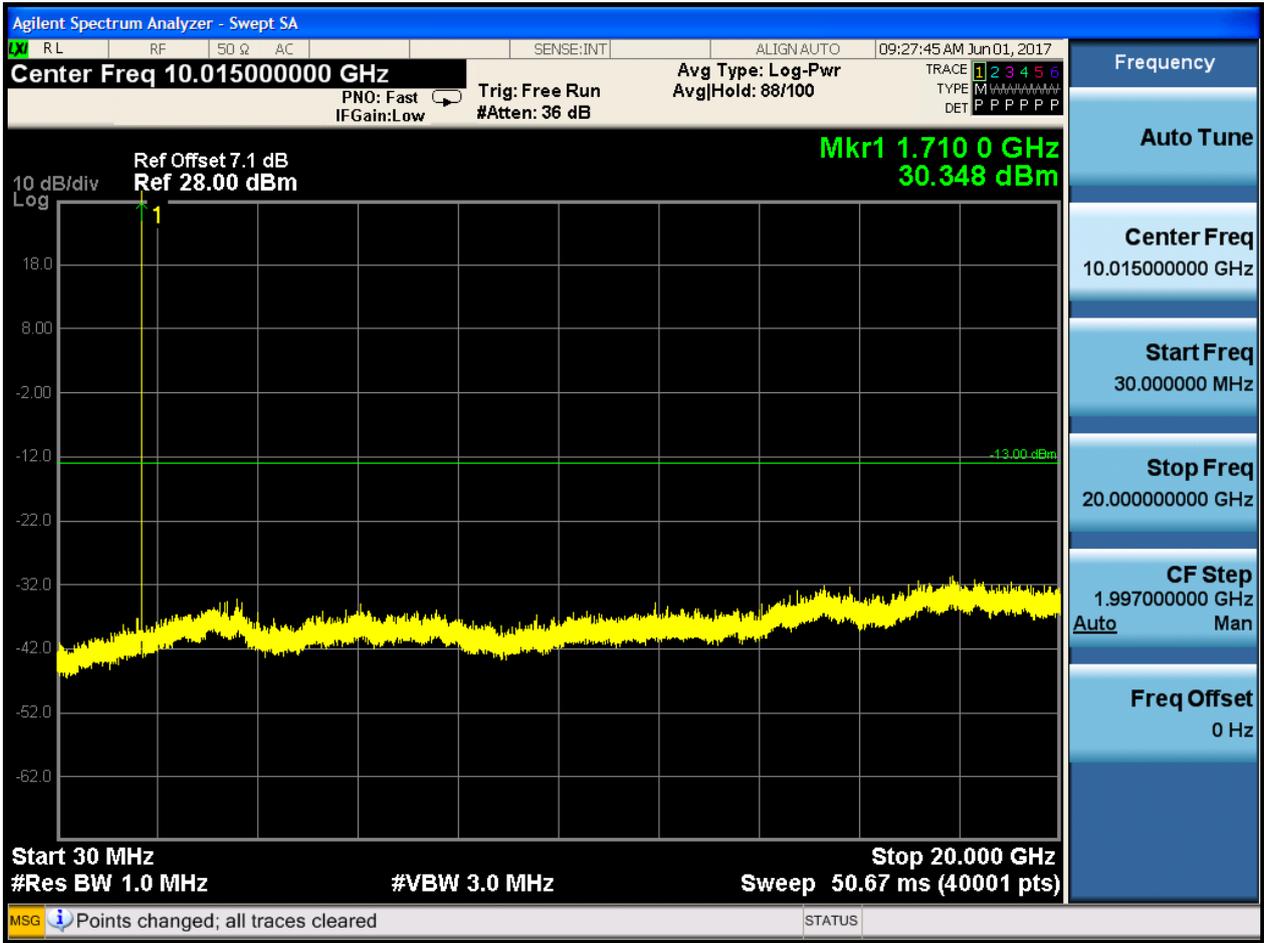
6.1.1.2.3 Test Bandwidth = 5

6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0

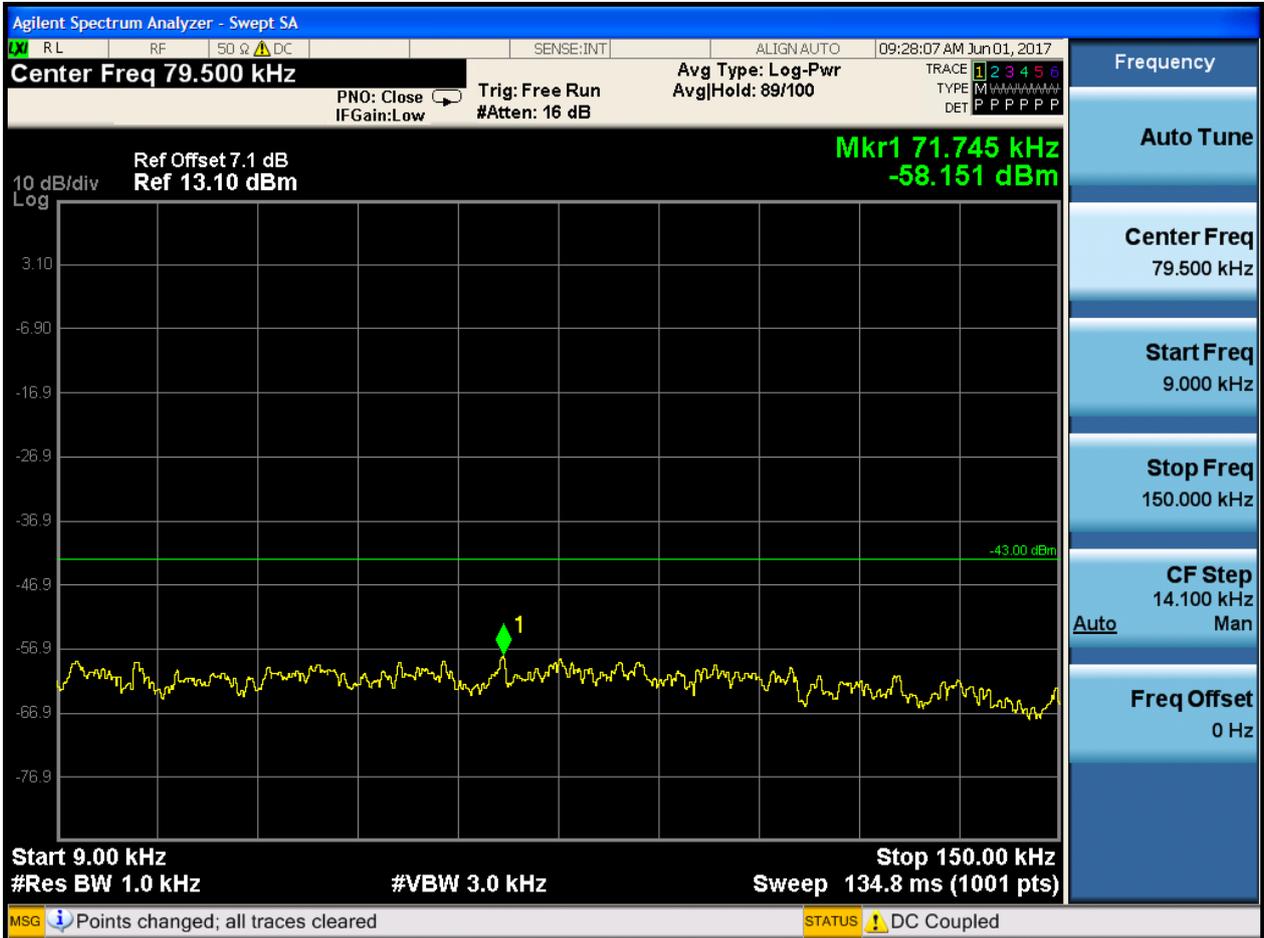


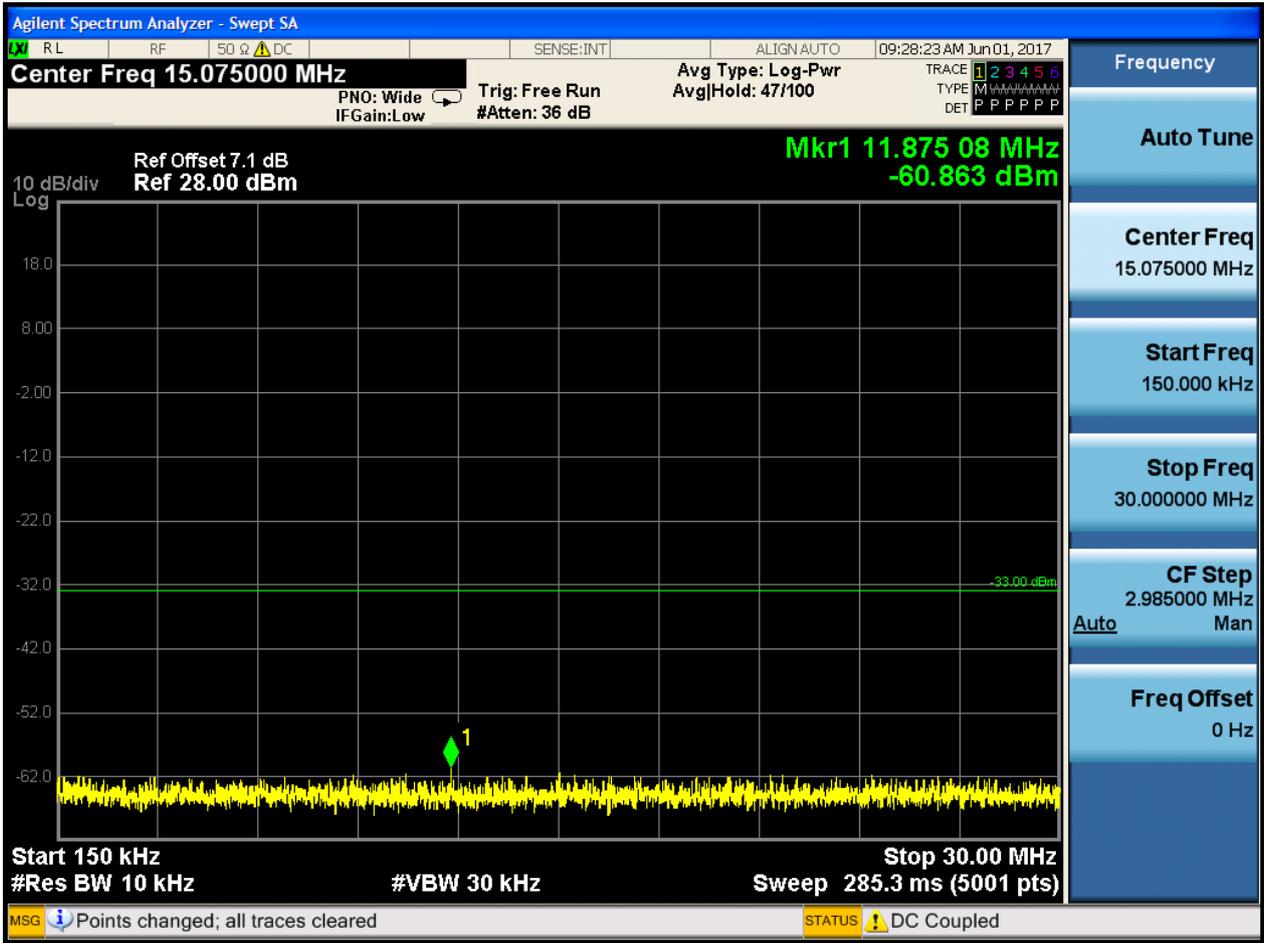


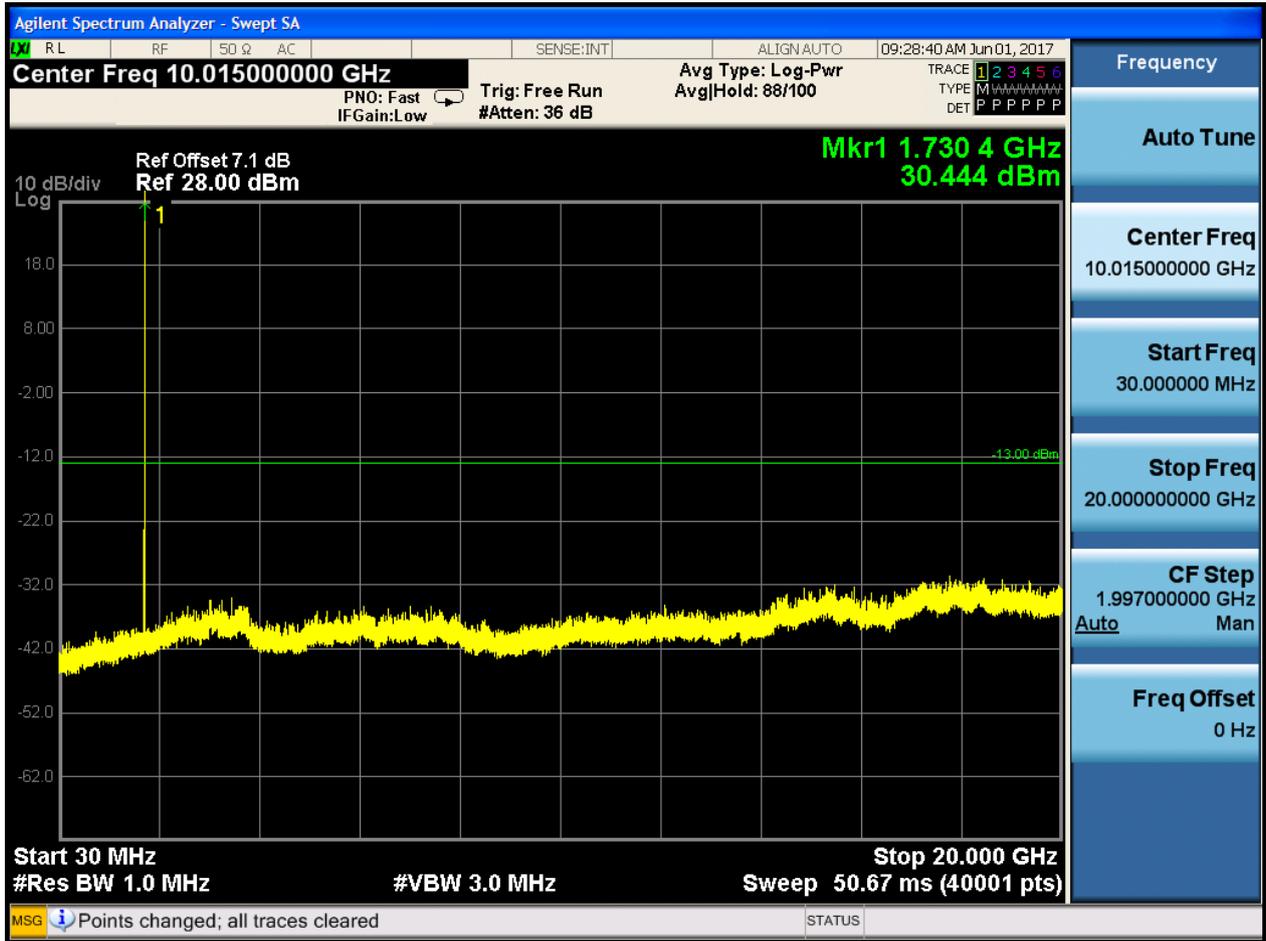


6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0

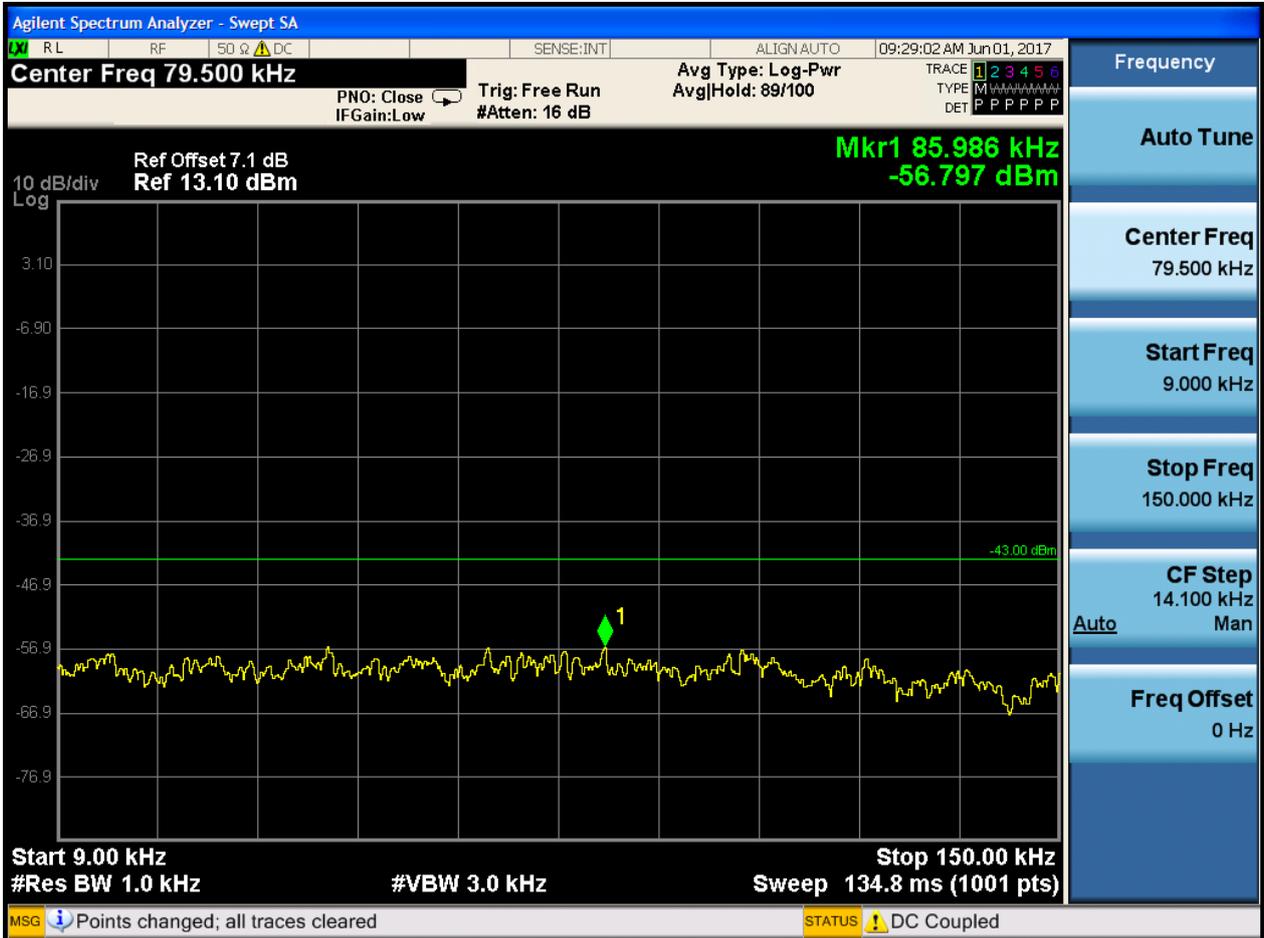


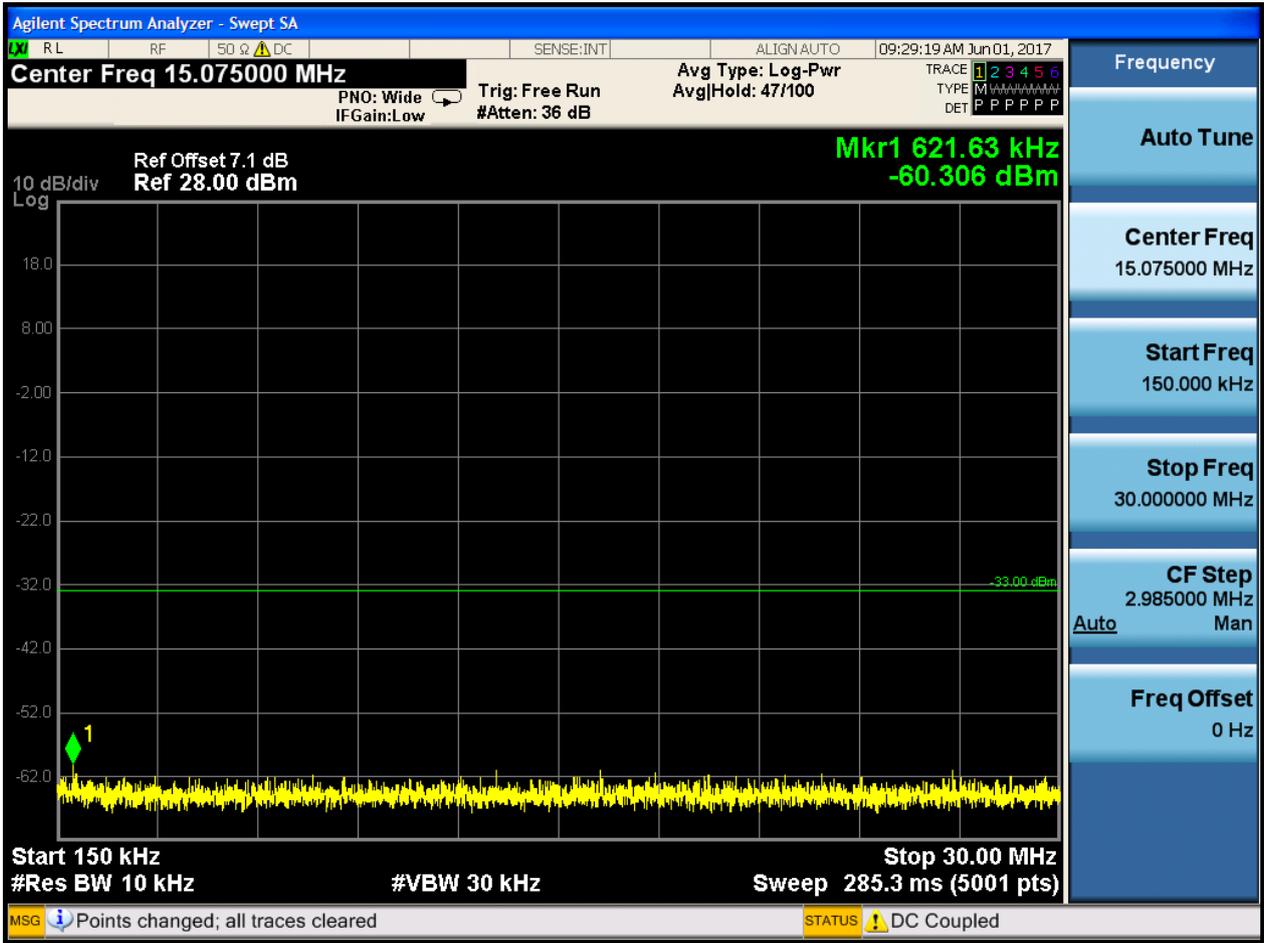


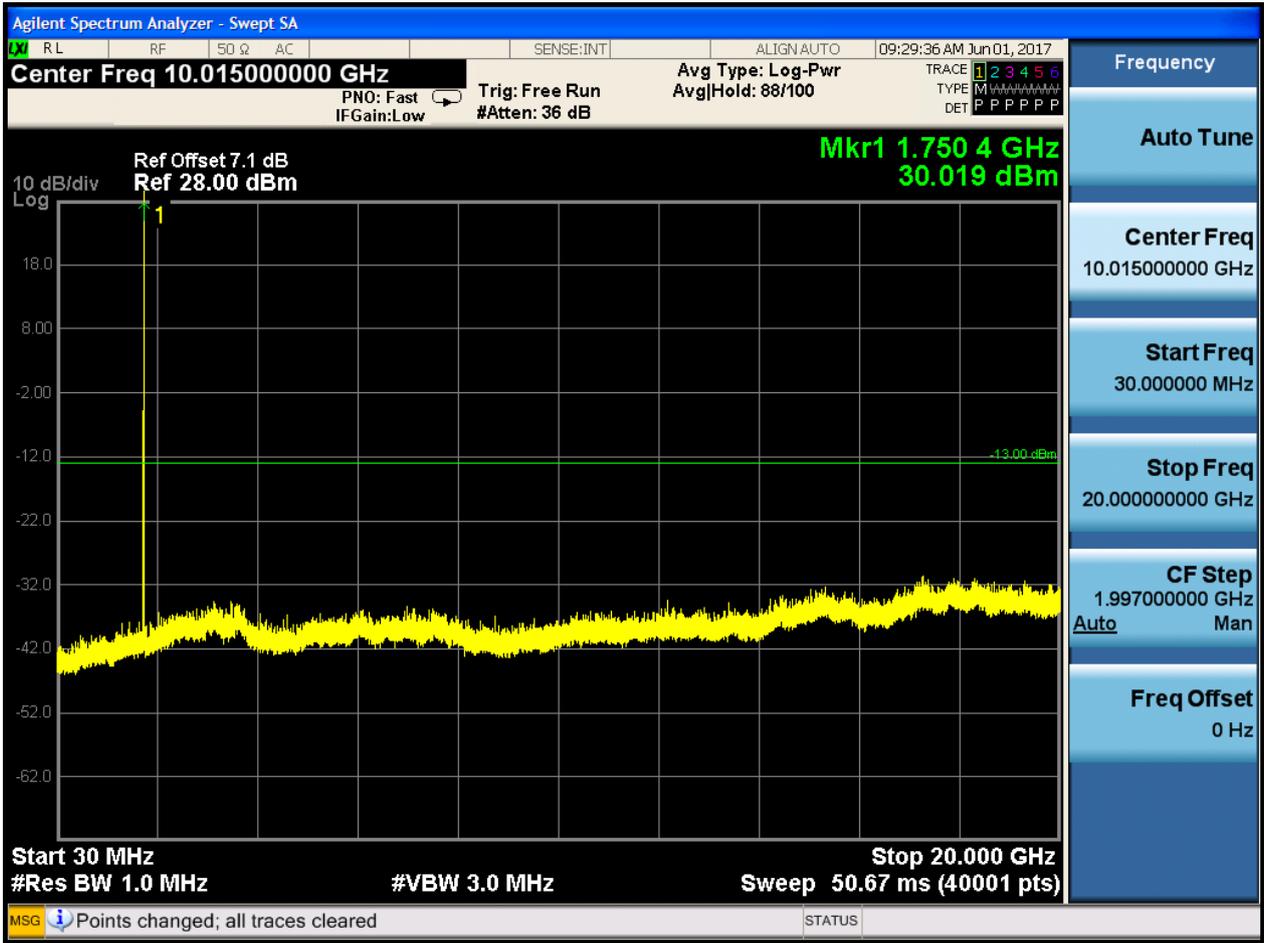


6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0





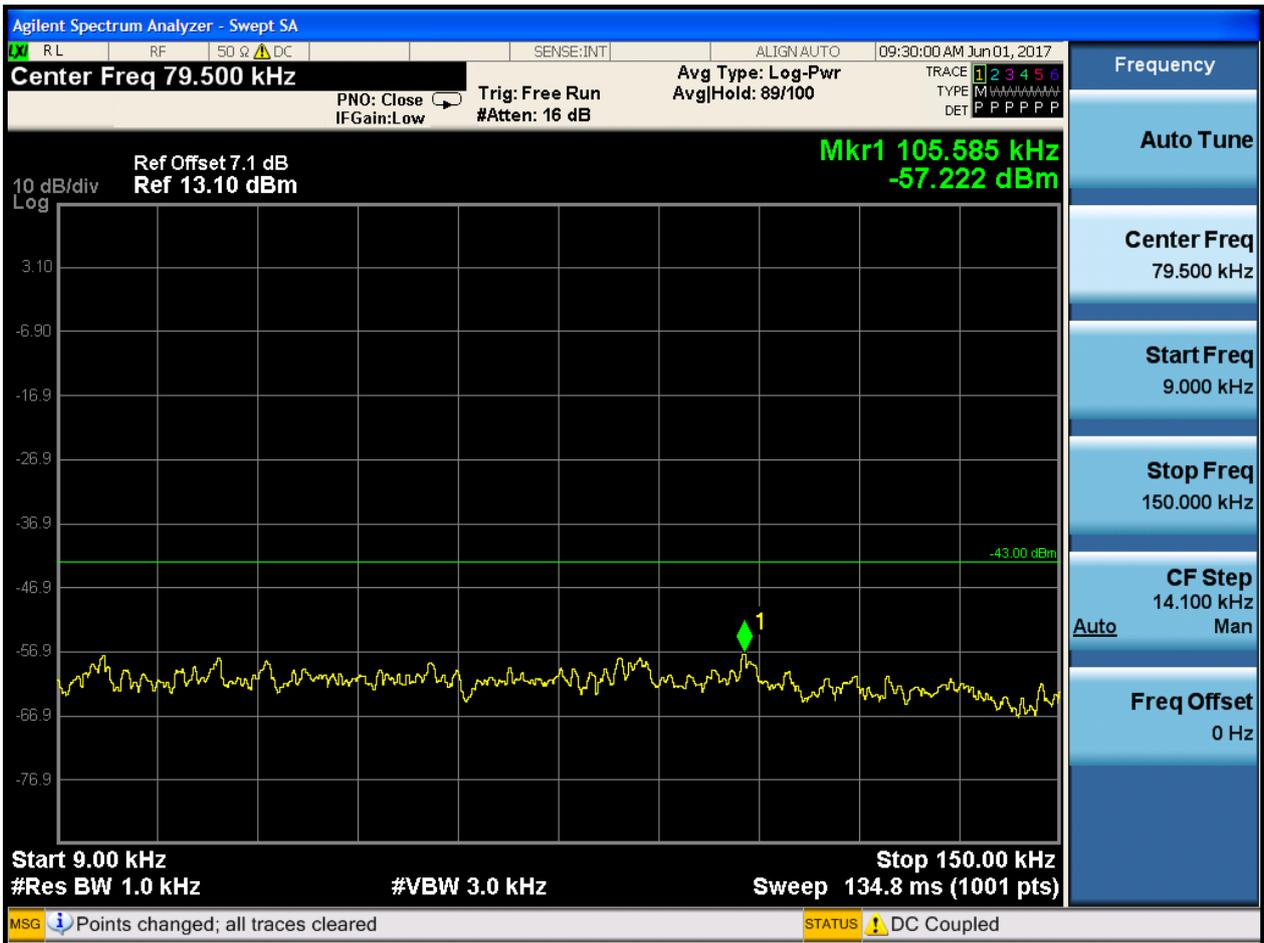


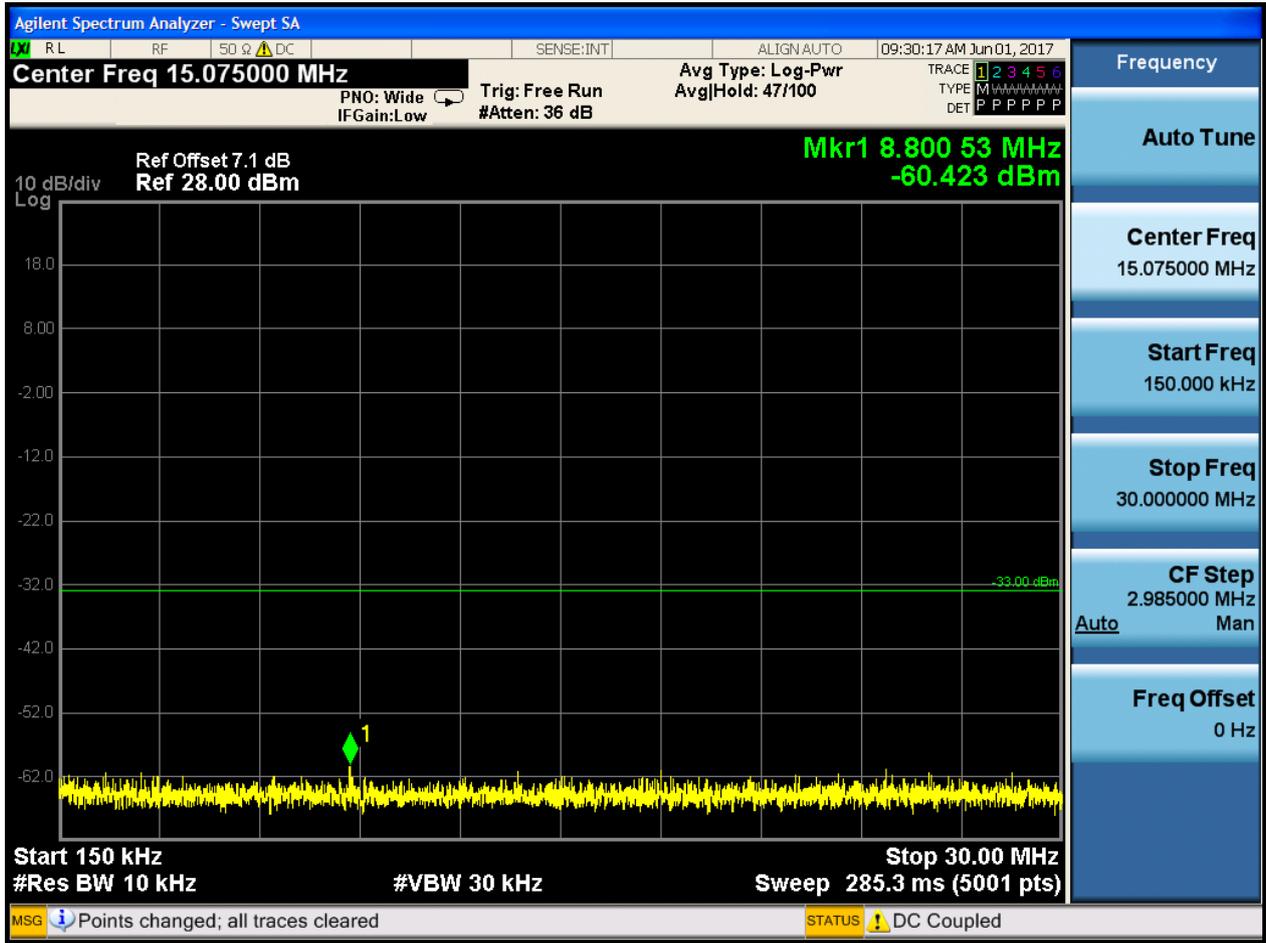


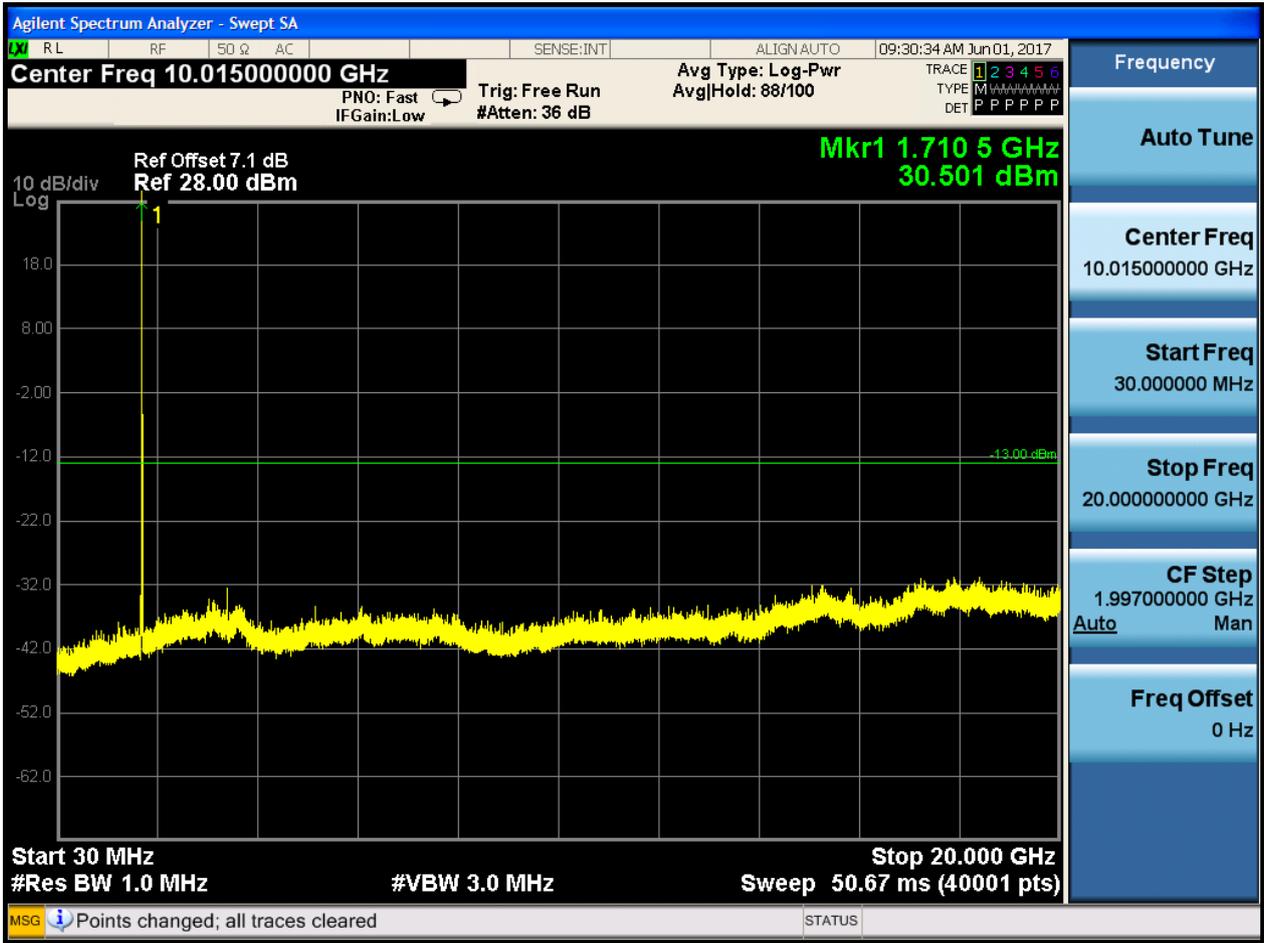
6.1.1.2.4 Test Bandwidth = 10

6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0

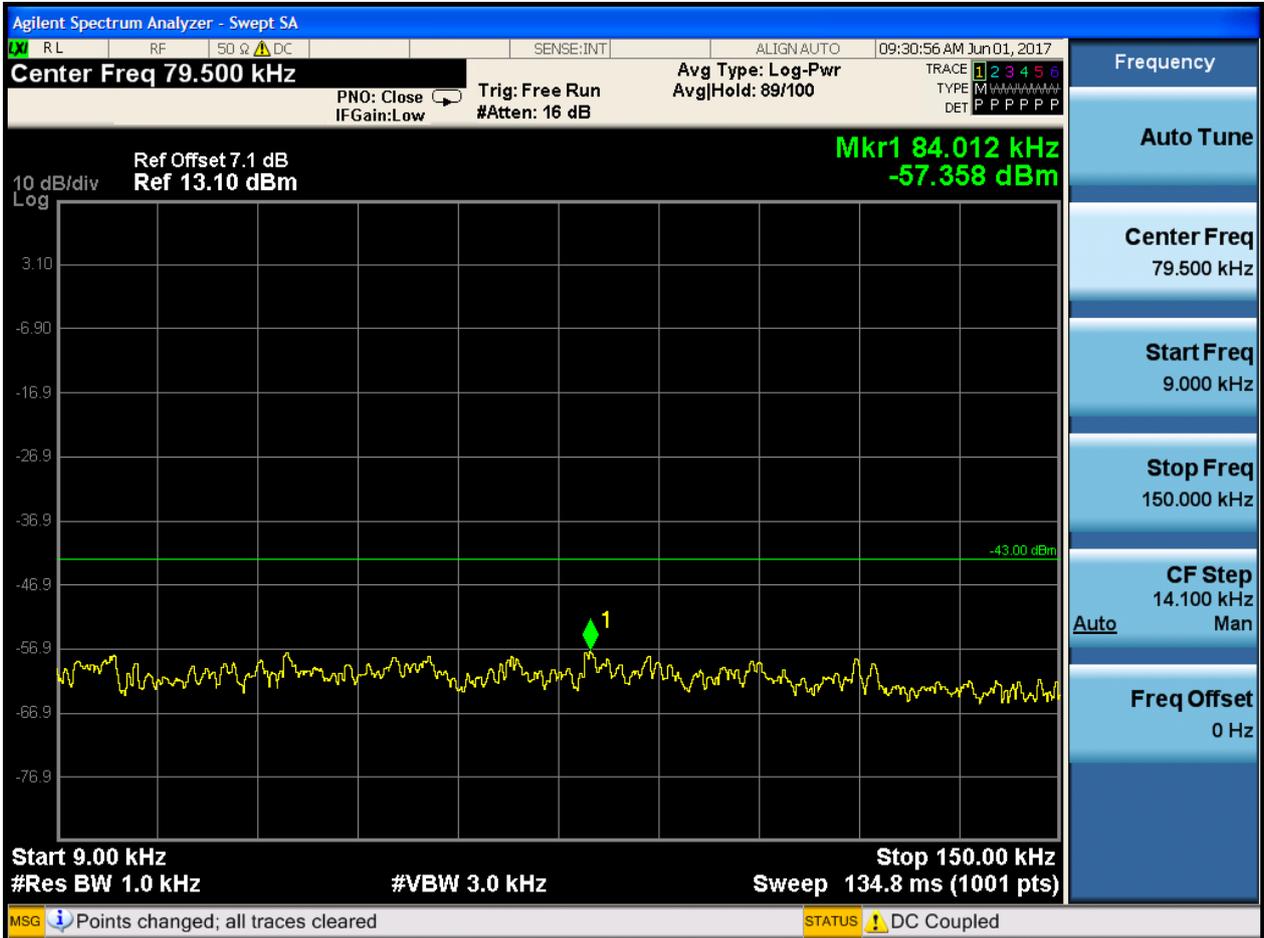


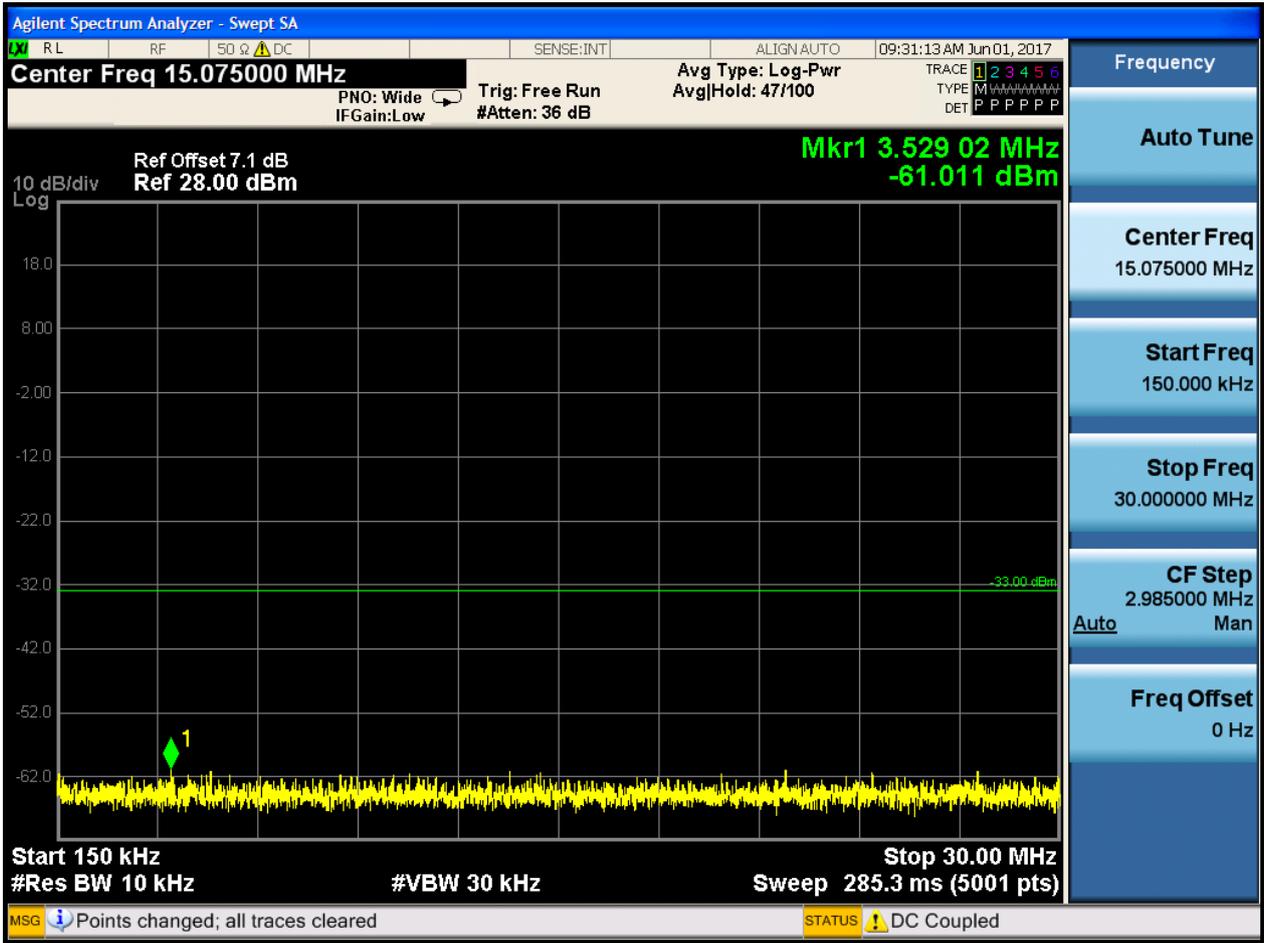


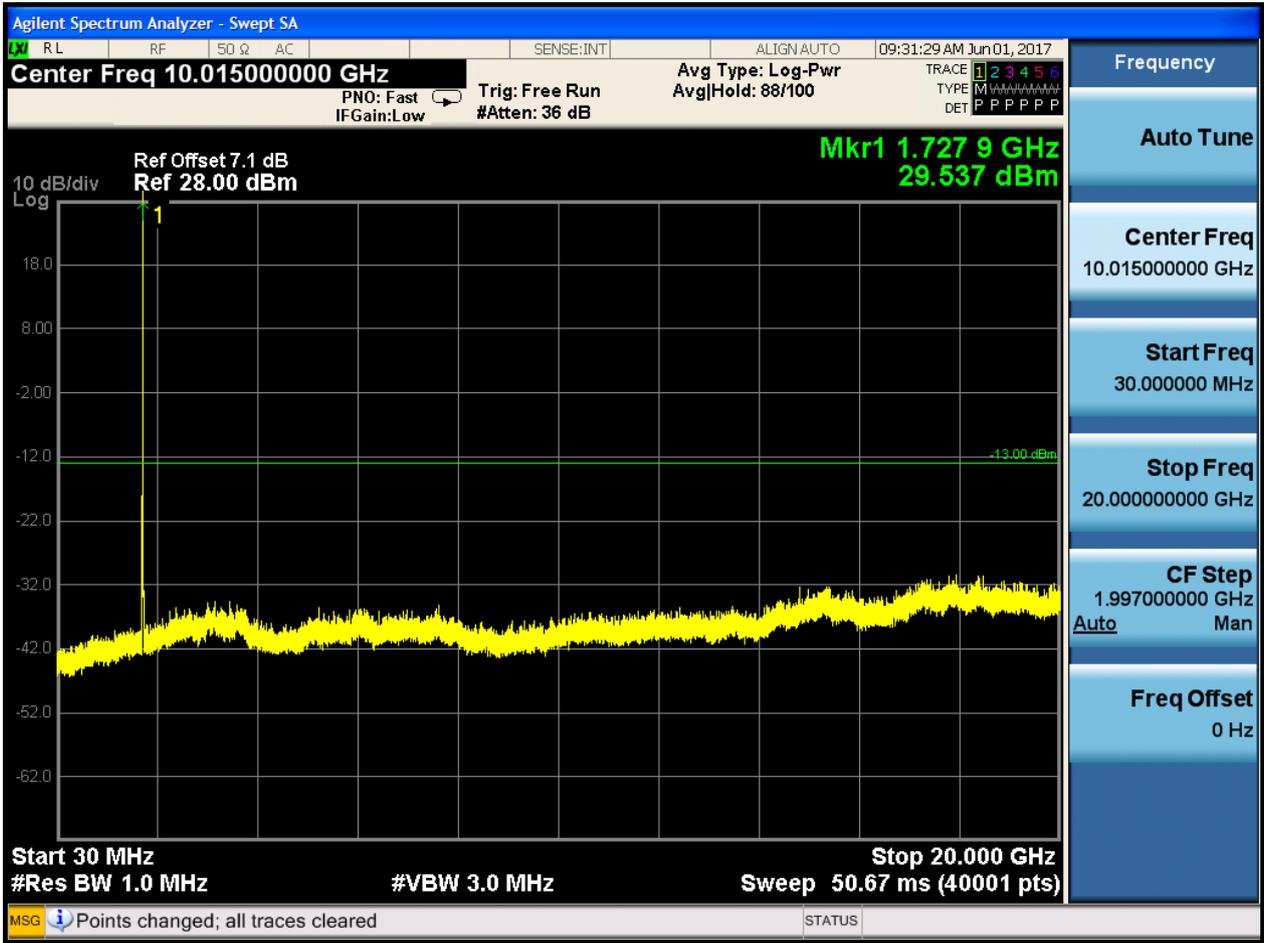


6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0



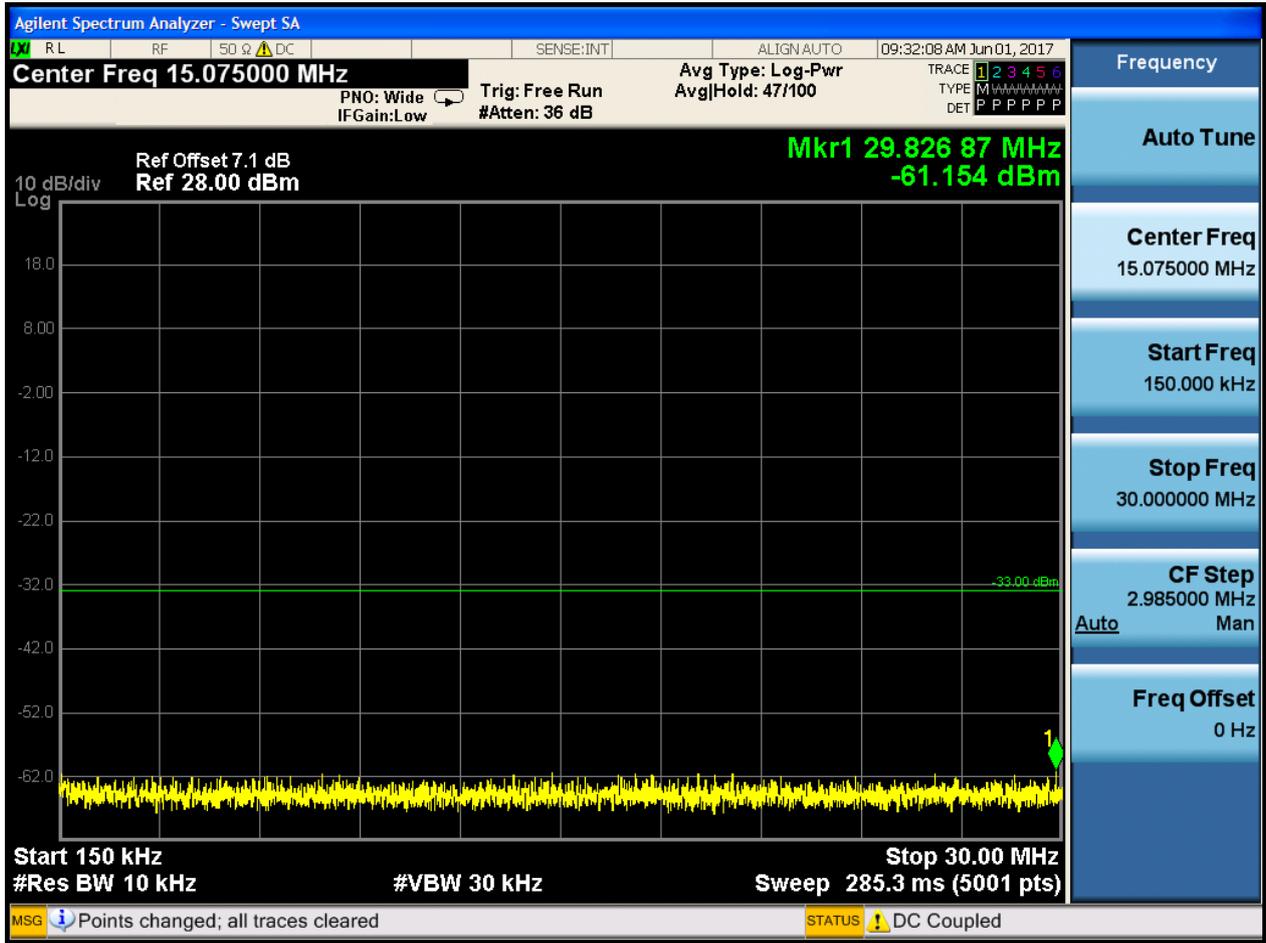


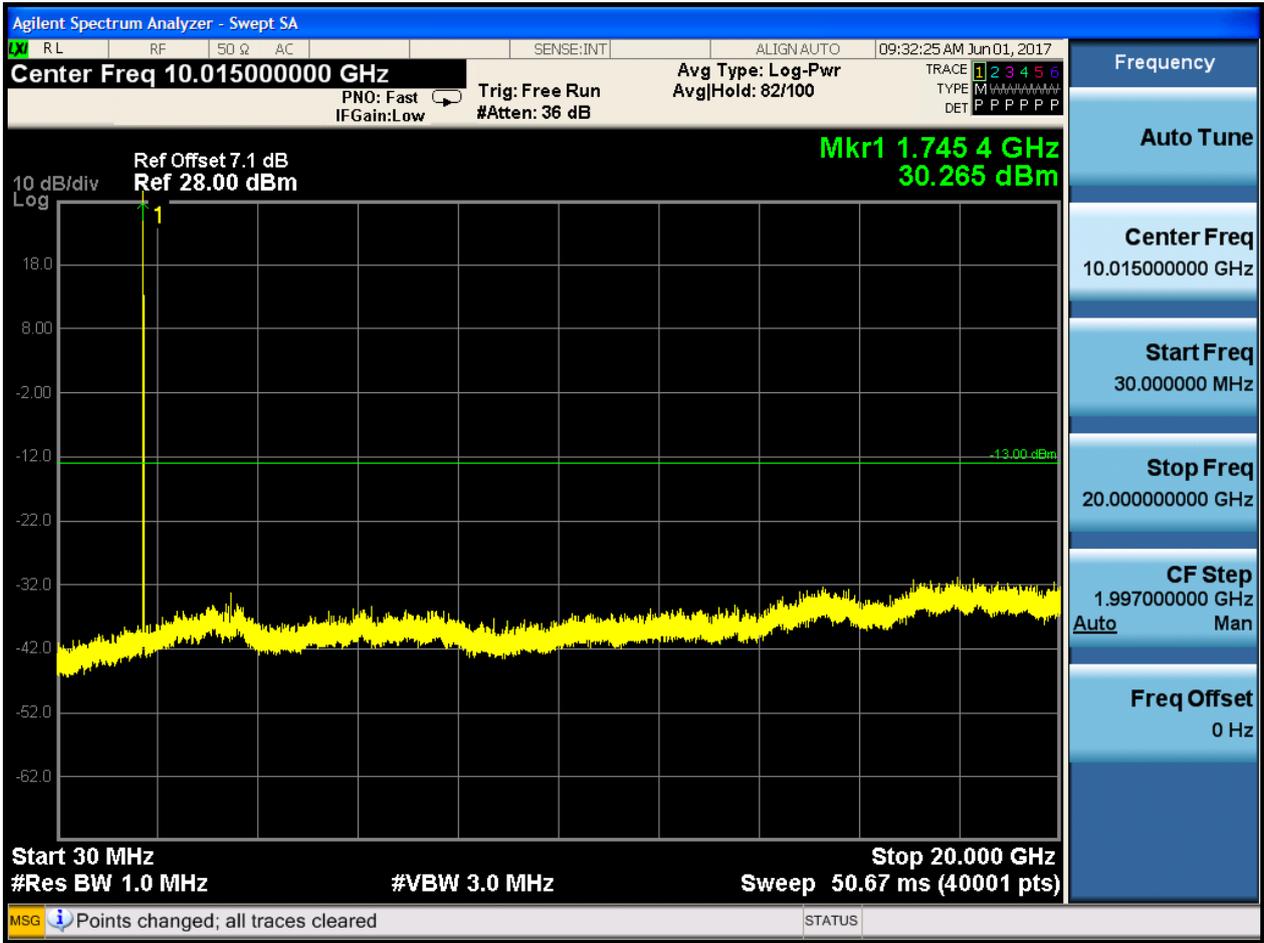


6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 Test RB = RB1#0





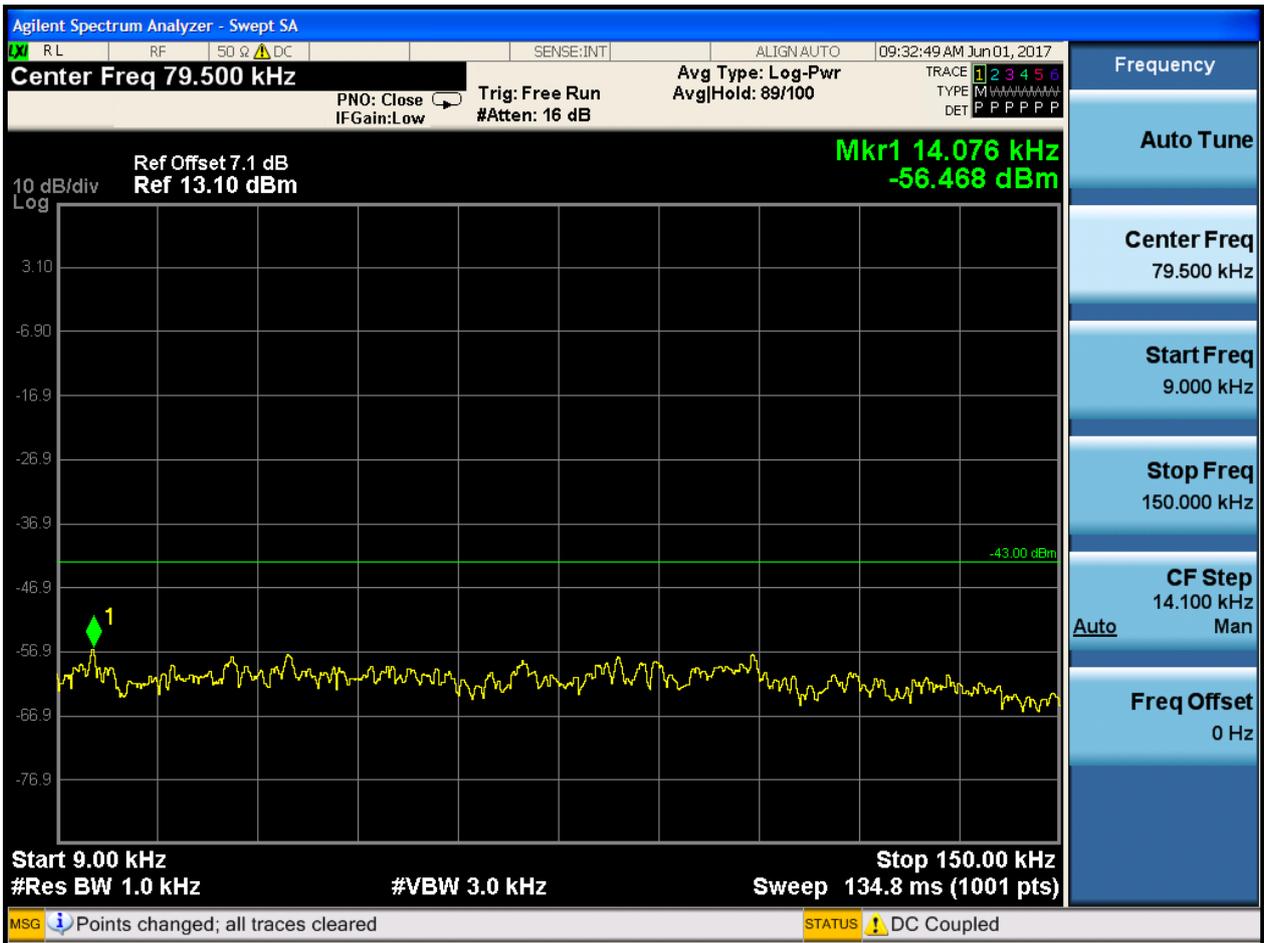


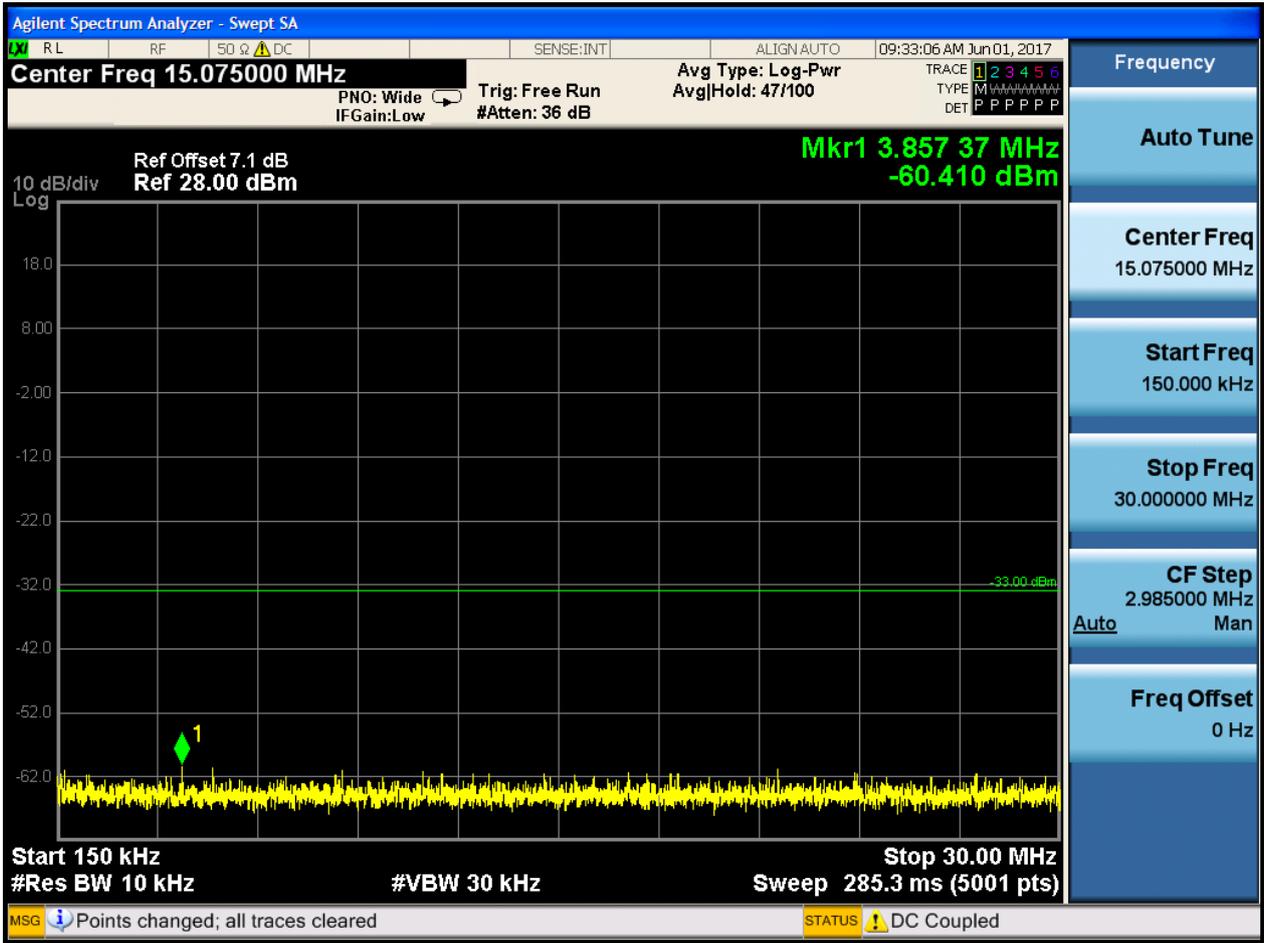


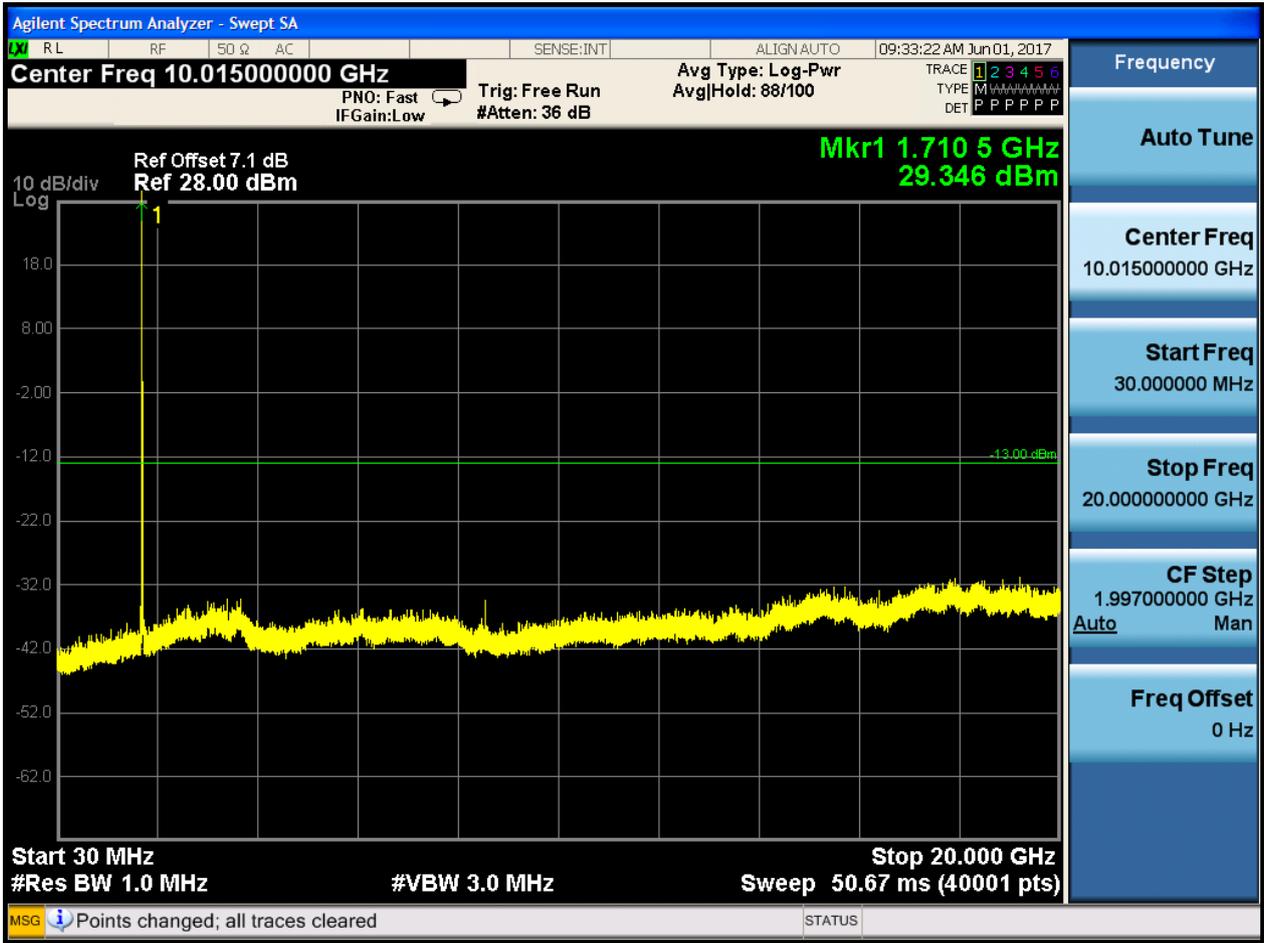
6.1.1.2.5 Test Bandwidth = 15

6.1.1.2.5.1 Test Channel = LCH

6.1.1.2.5.1.1 Test RB = RB1#0

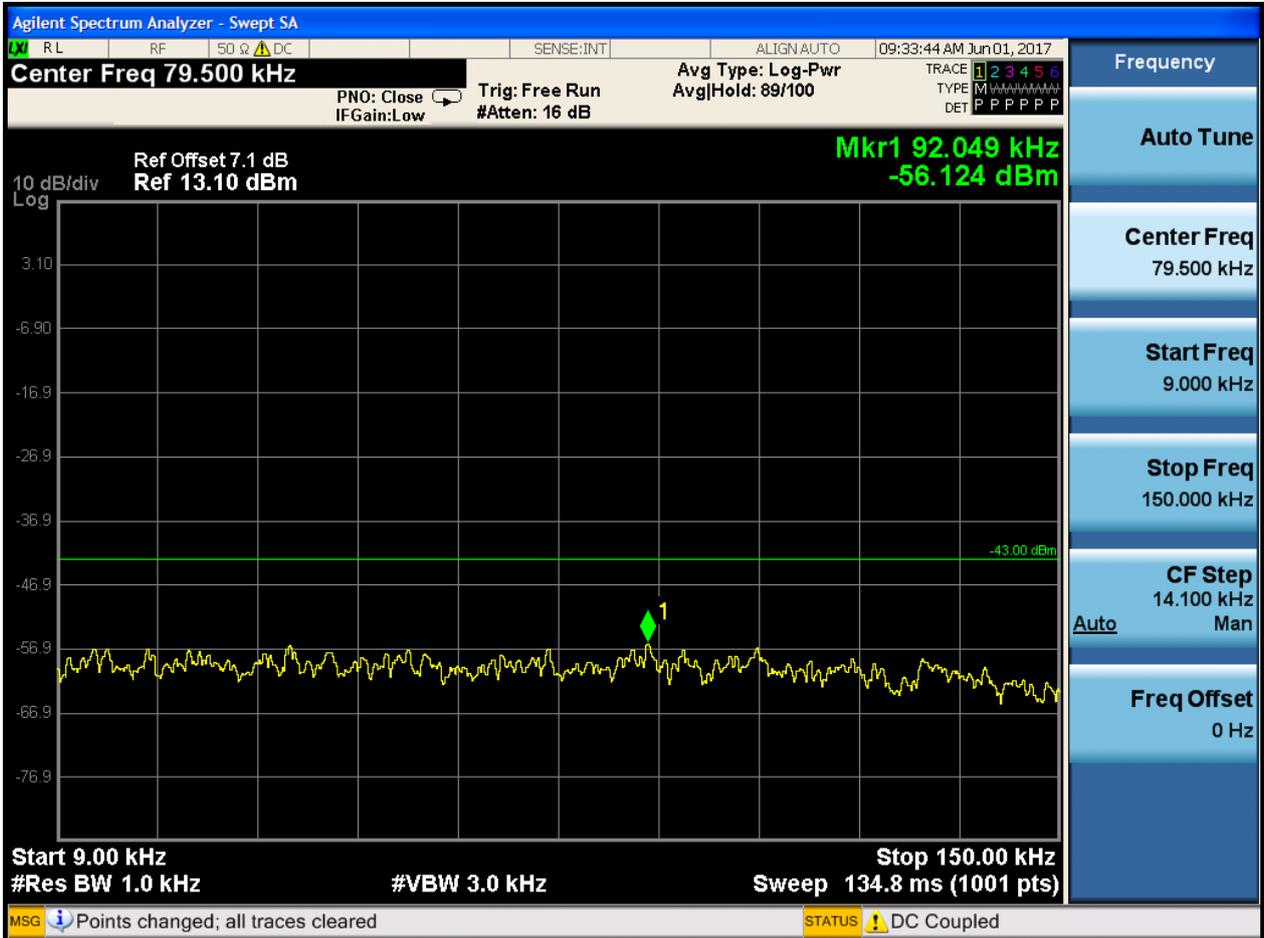


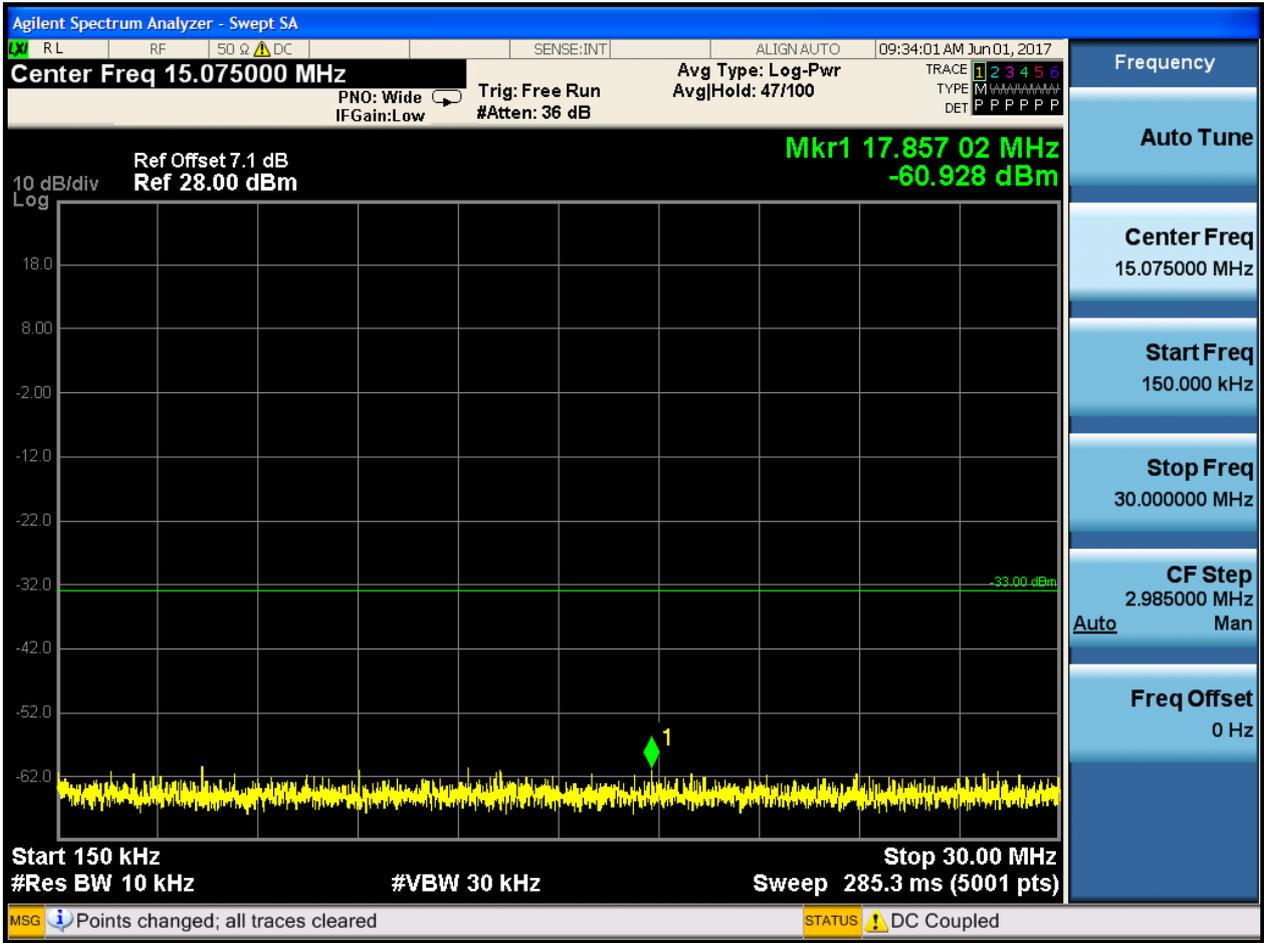


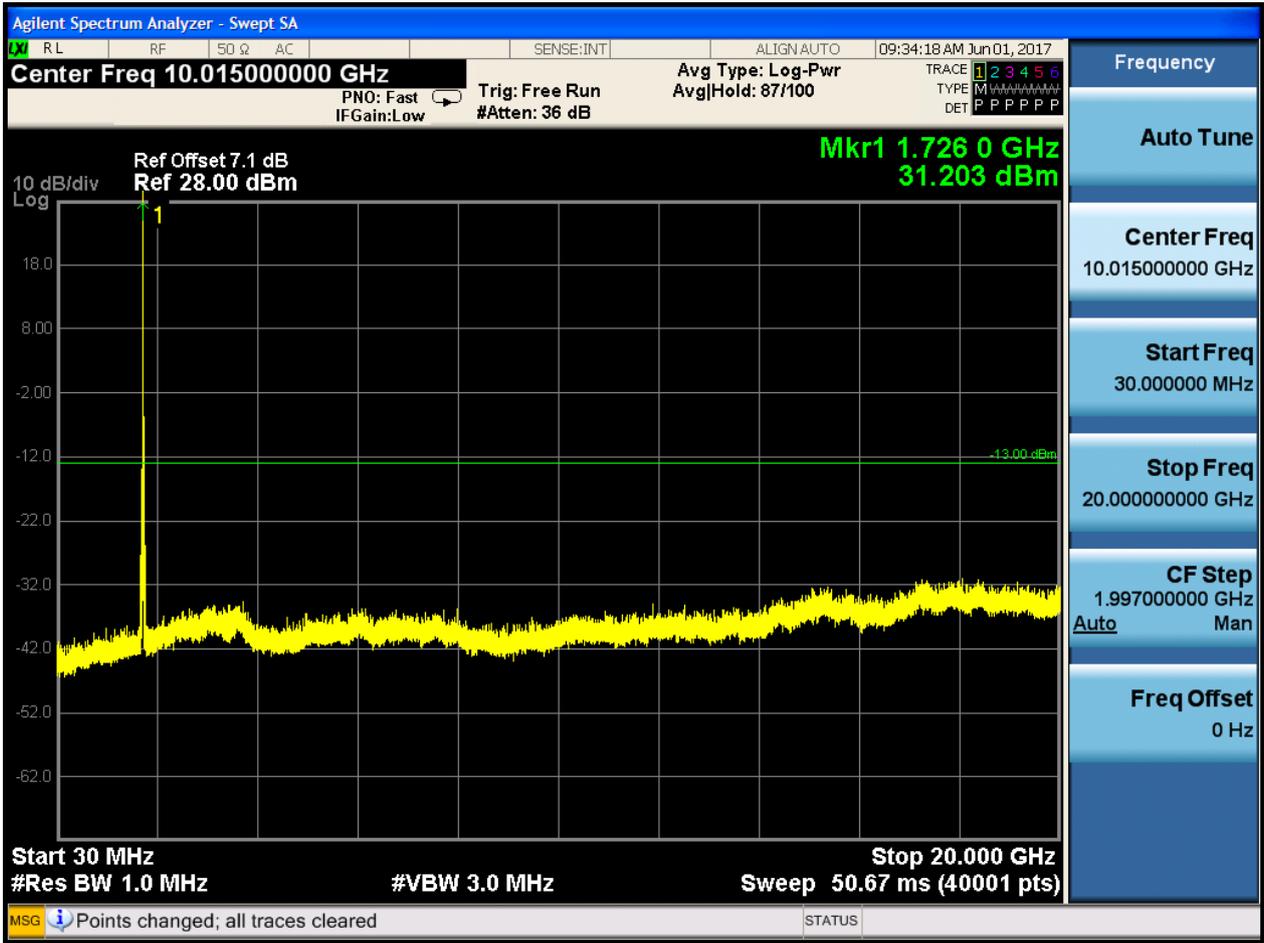


6.1.1.2.5.2 Test Channel = MCH

6.1.1.2.5.2.1 Test RB = RB1#0



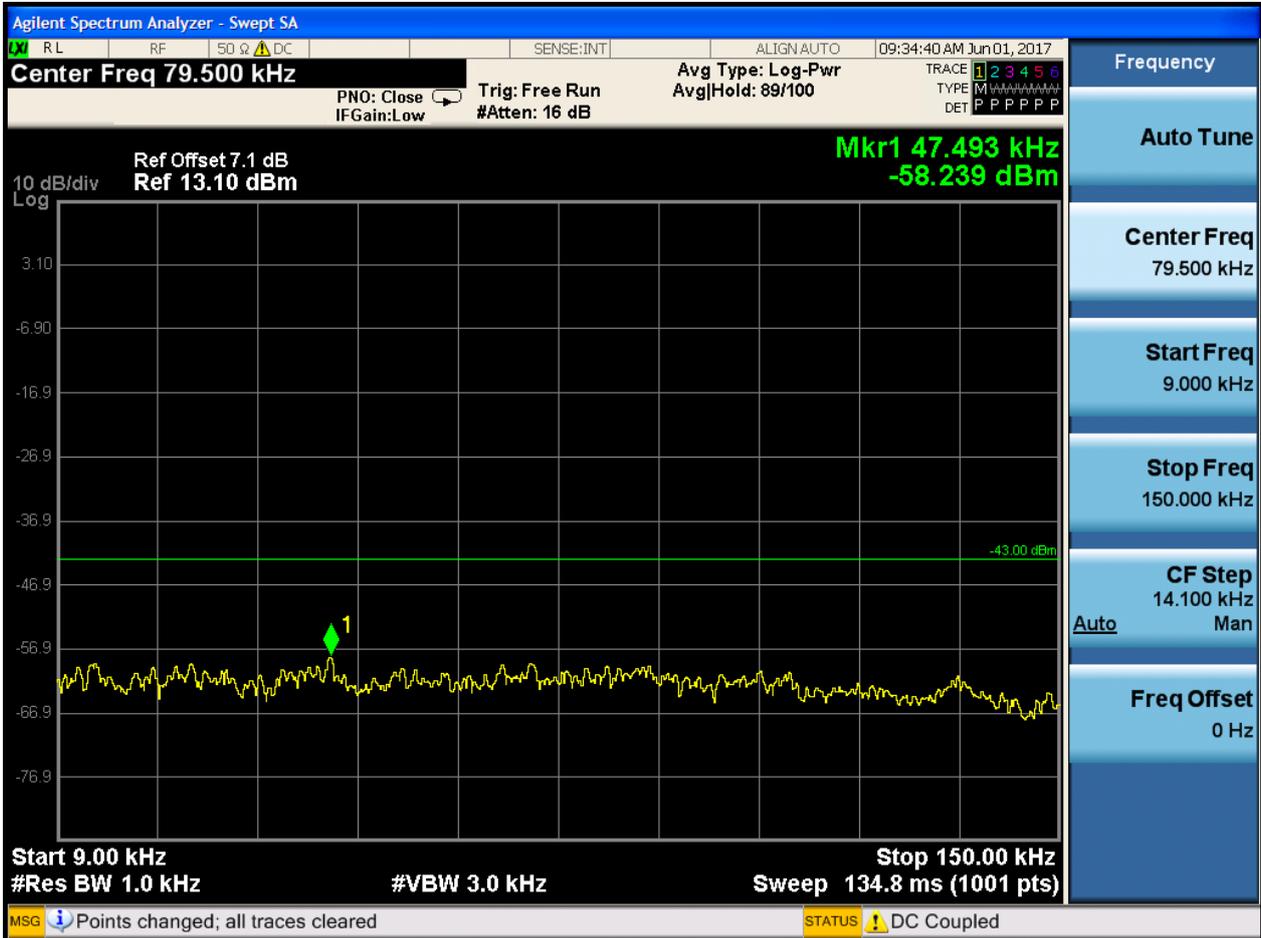


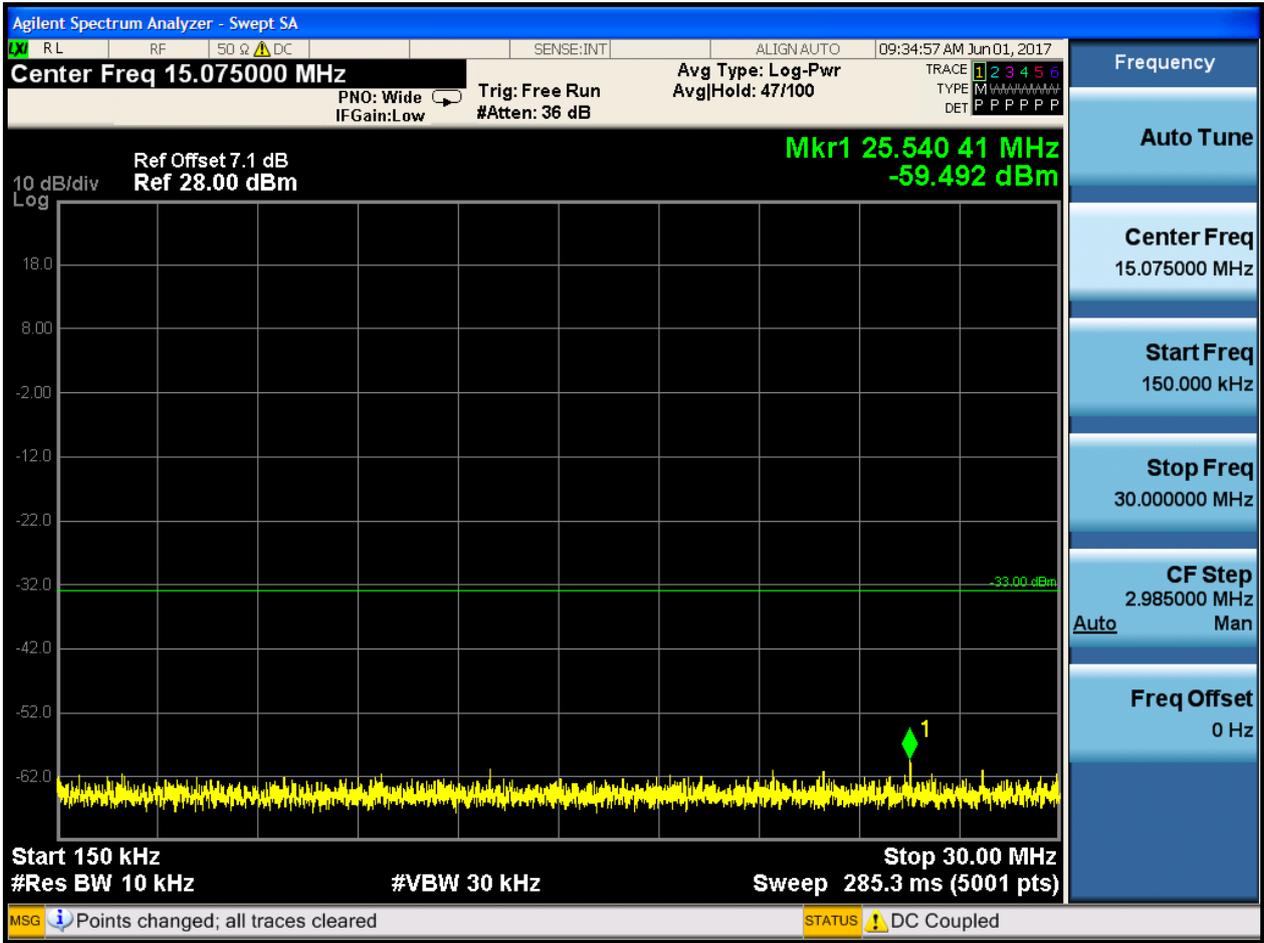


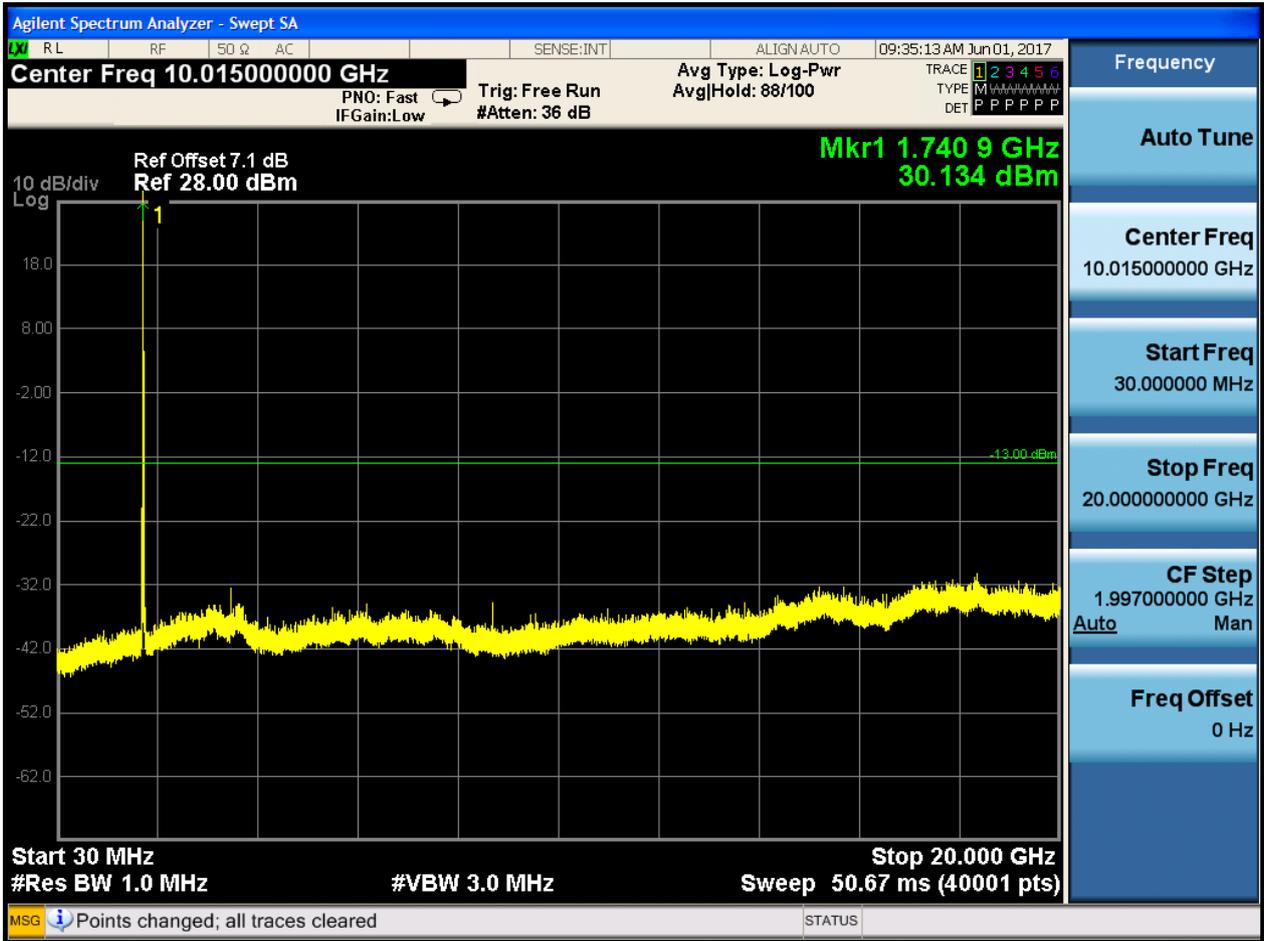


6.1.1.2.5.3 Test Channel = HCH

6.1.1.2.5.3.1 Test RB = RB1#0





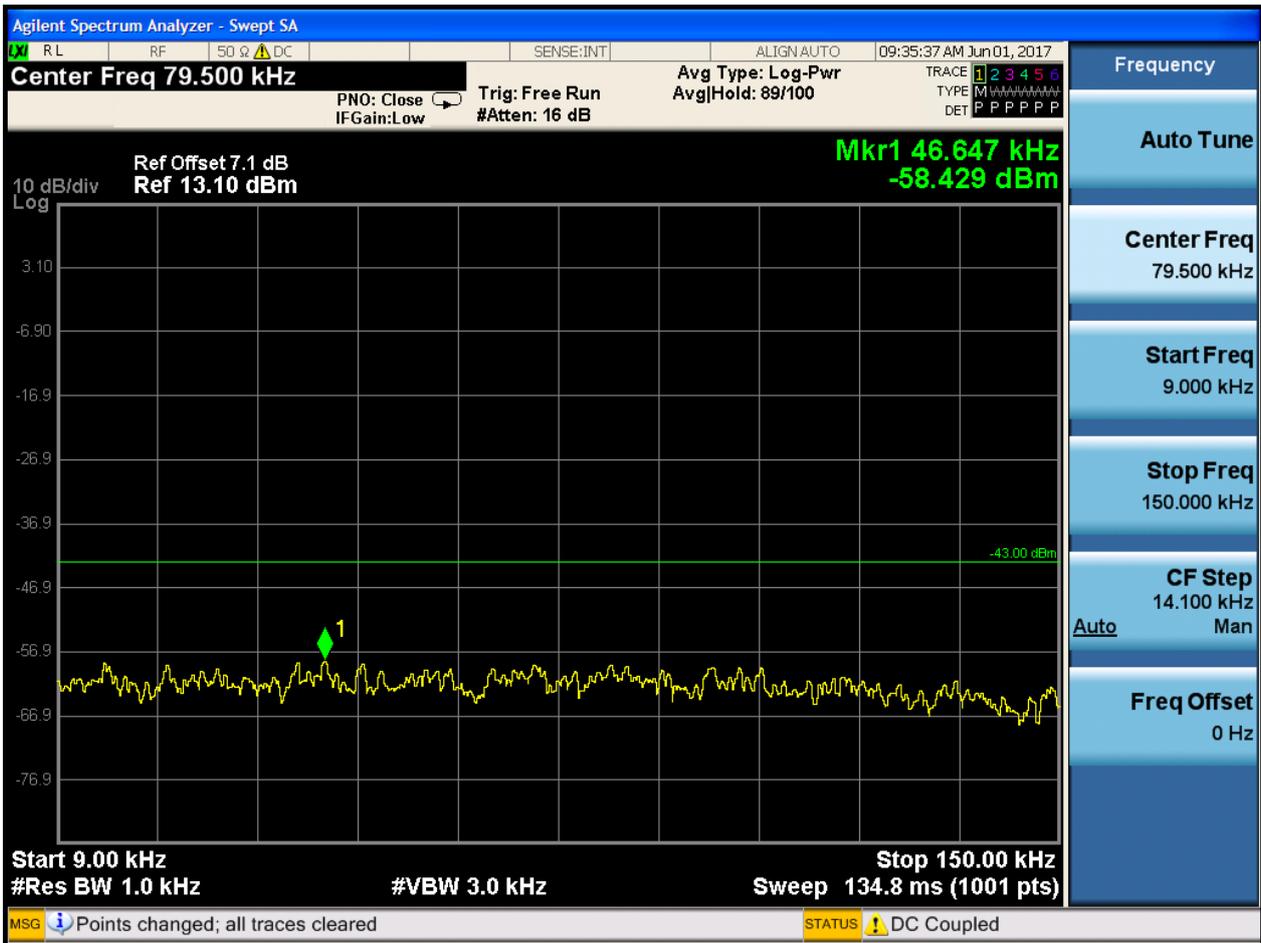


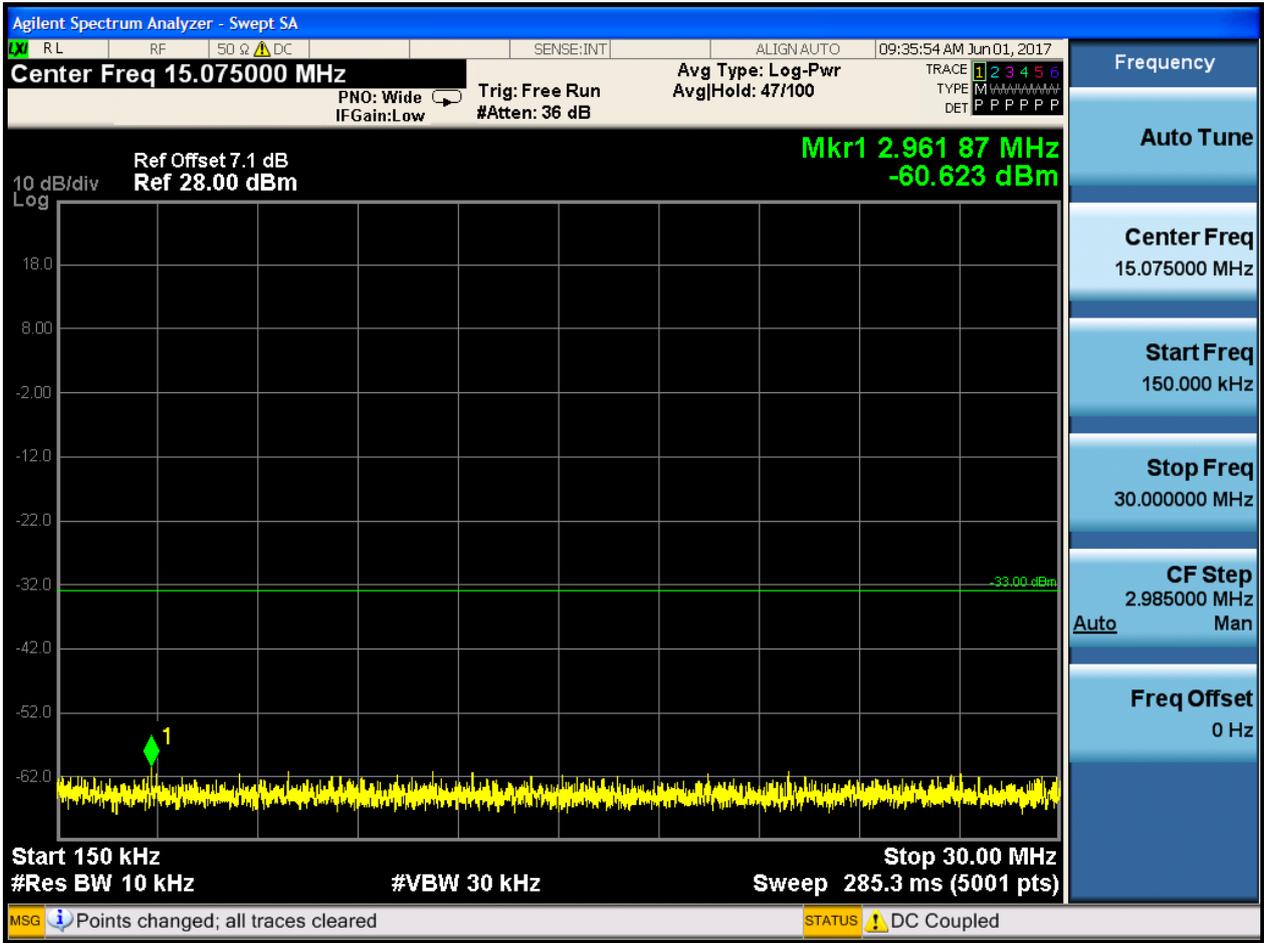


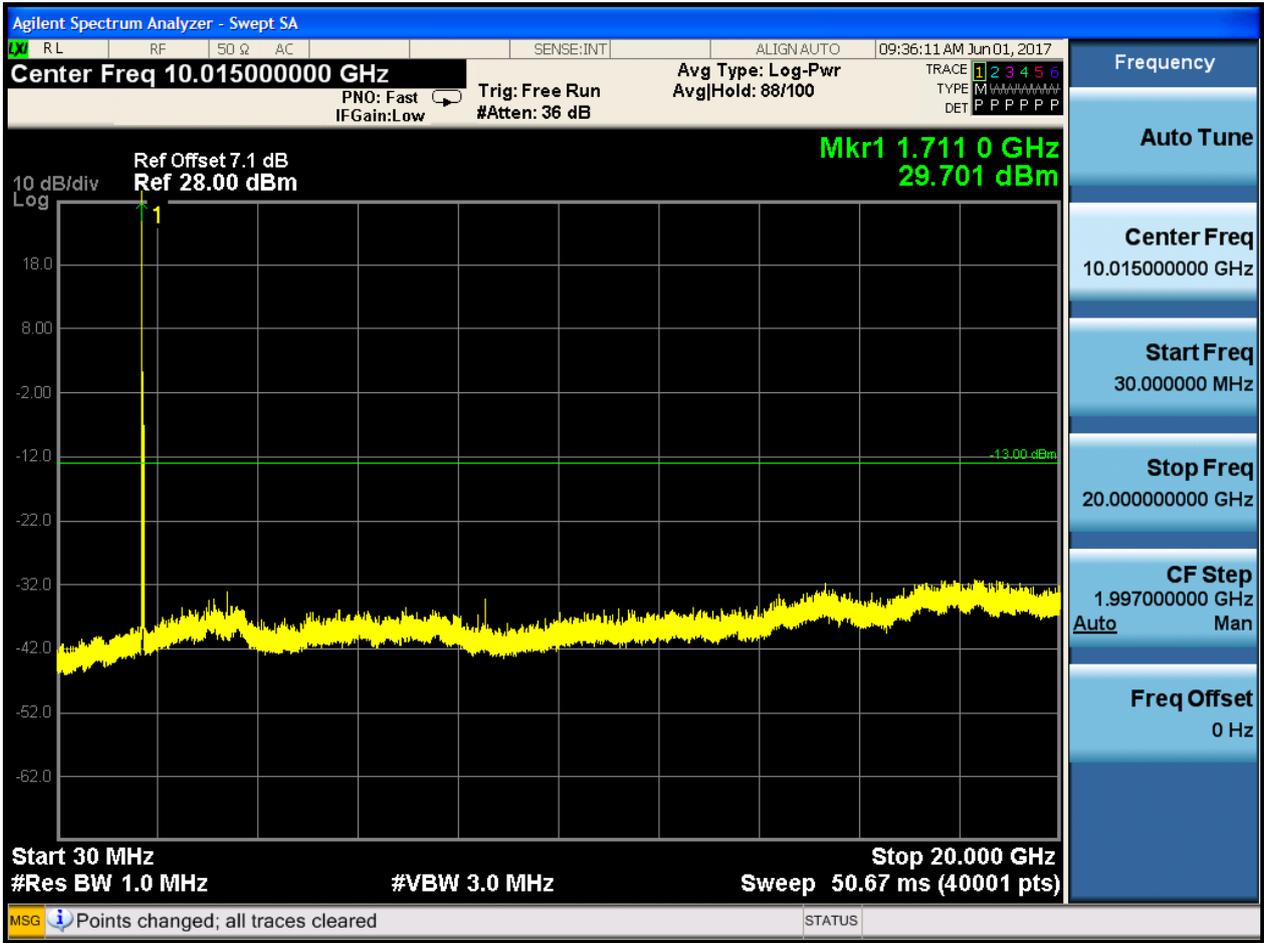
6.1.1.2.6 Test Bandwidth = 20

6.1.1.2.6.1 Test Channel = LCH

6.1.1.2.6.1.1 Test RB = RB1#0





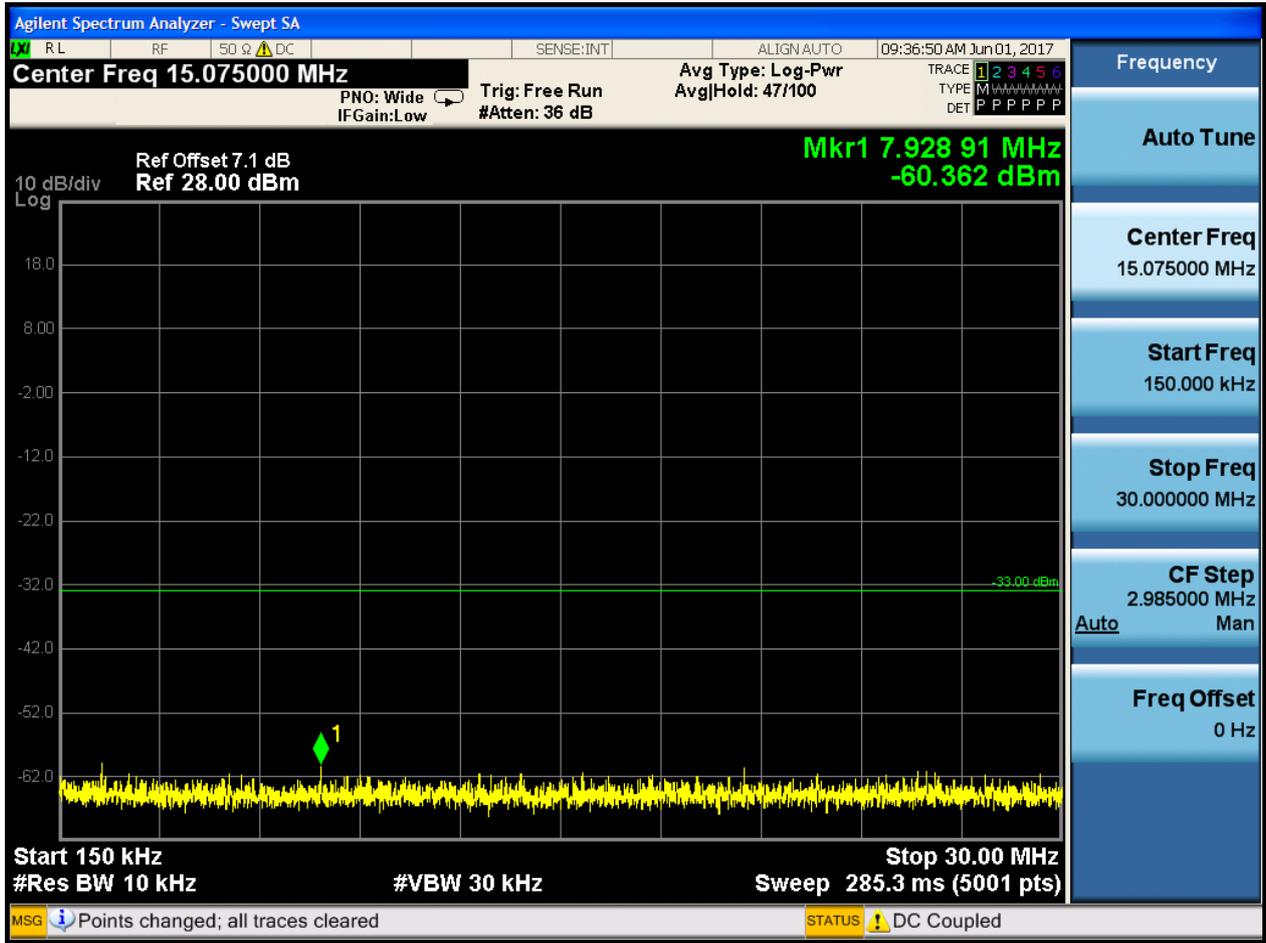


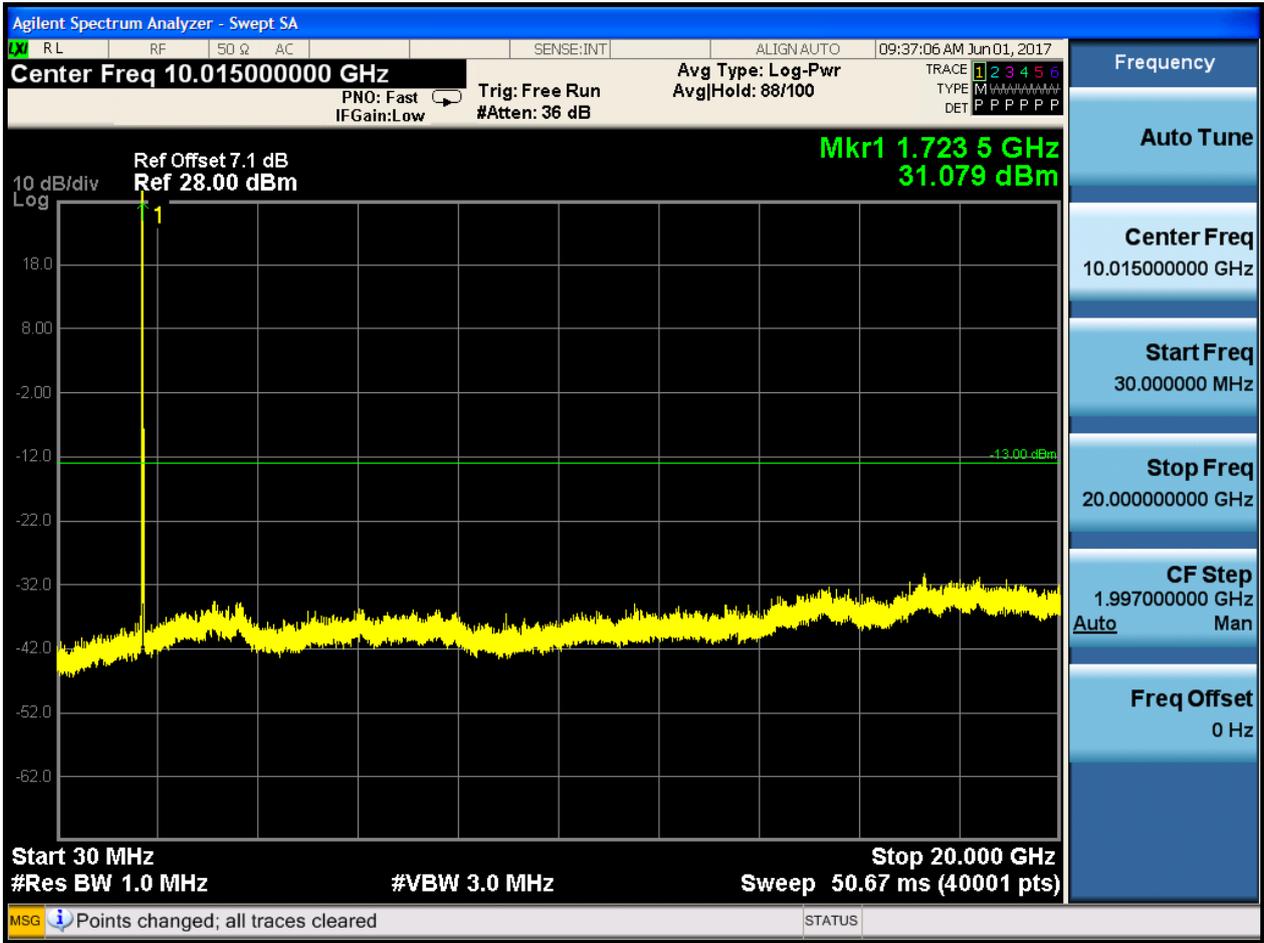


6.1.1.2.6.2 Test Channel = MCH

6.1.1.2.6.2.1 Test RB = RB1#0

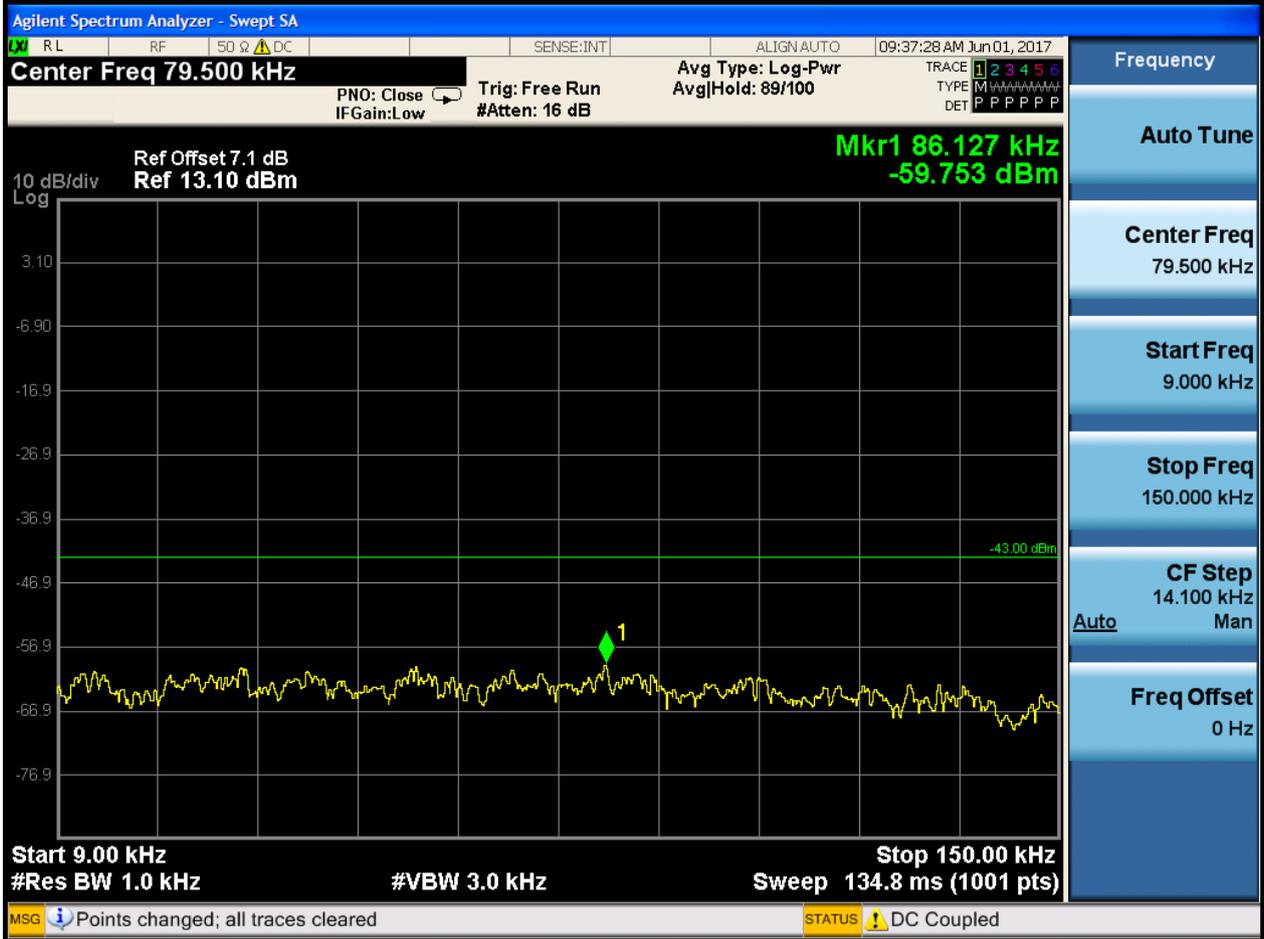


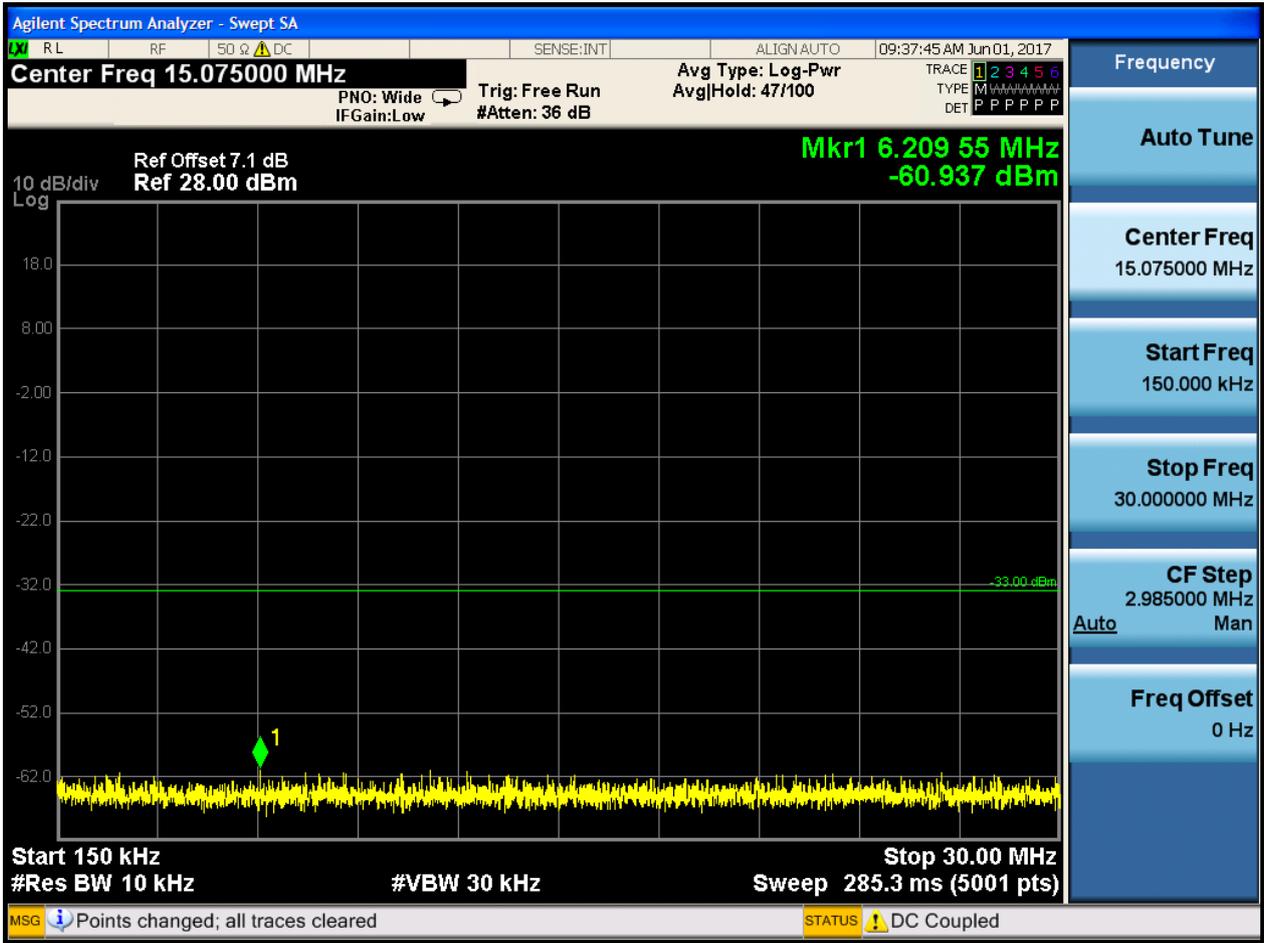


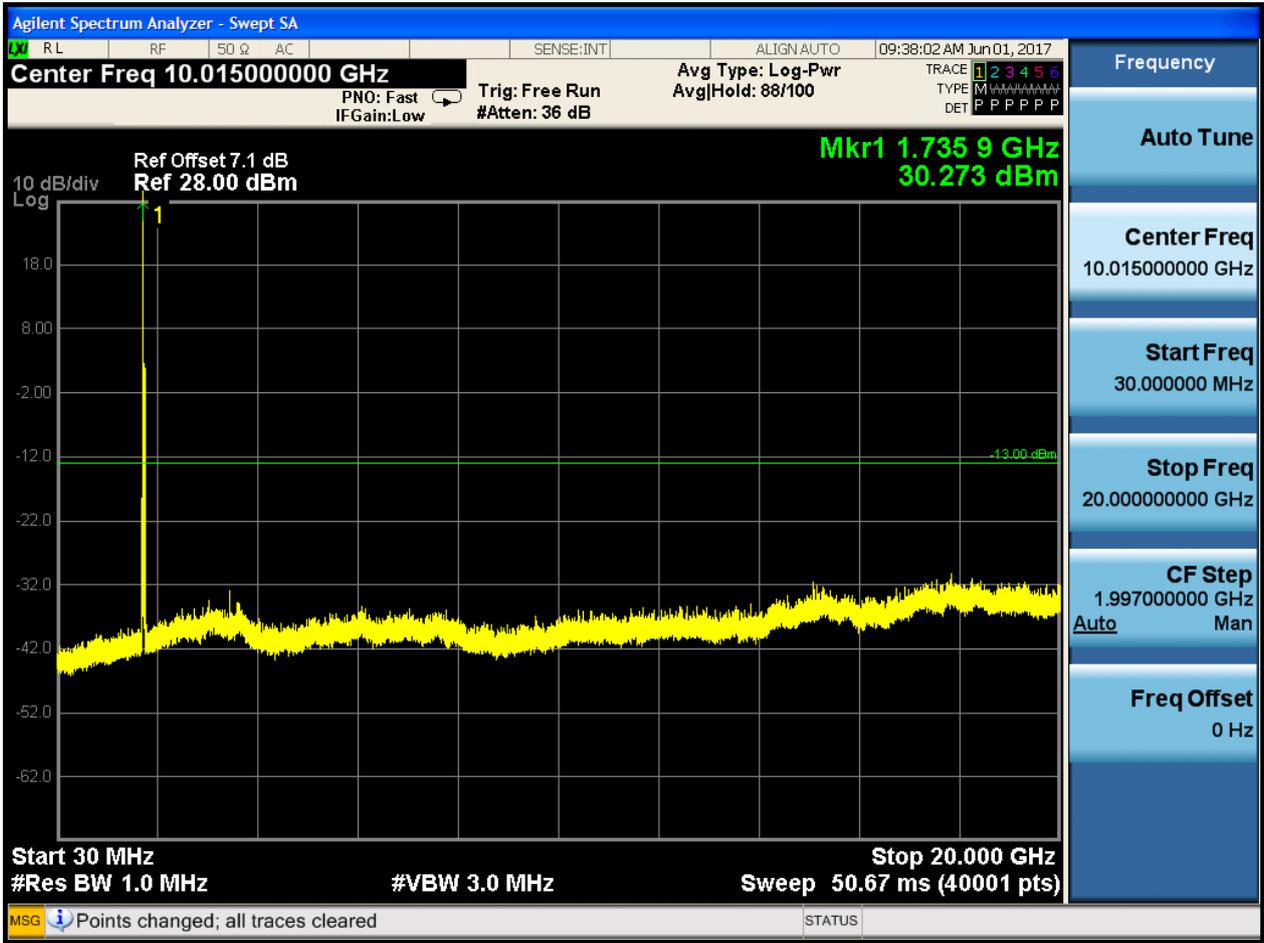


6.1.1.2.6.3 Test Channel = HCH

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, VBW = 200Hz, VBW = 600 Hz, Detector: PK

150kHz~30MHz, VBW = 9kHz, VBW = 30k Hz, Detector: PK

30MHz~1GHz, RBW = 100 kHz, VBW = 300 kHz. Detector: PK

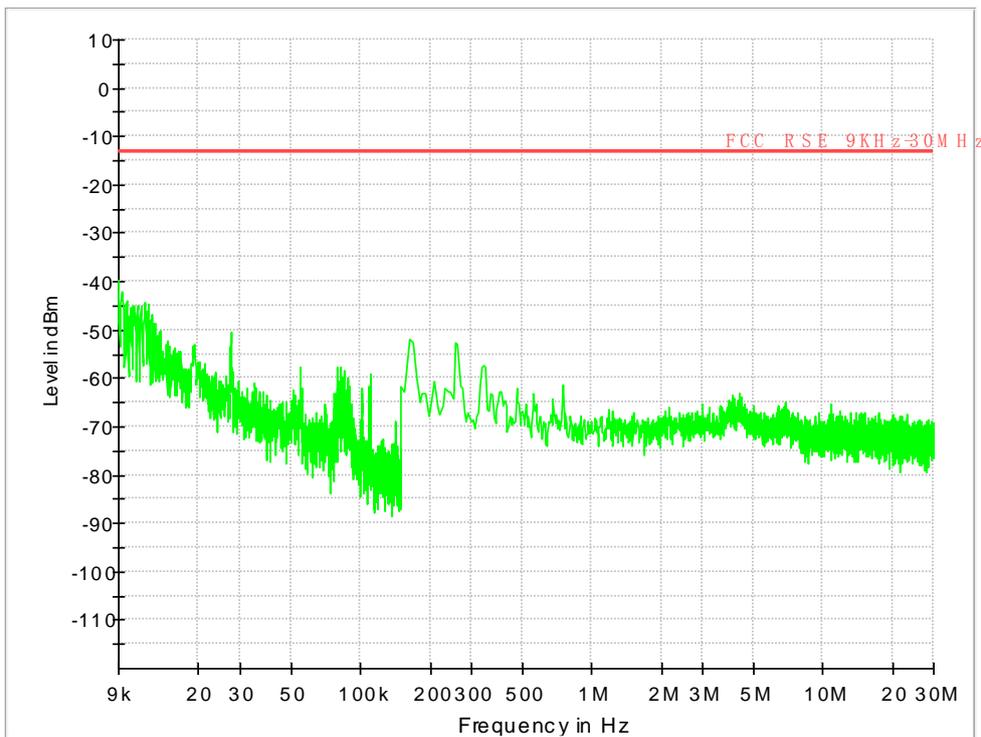
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

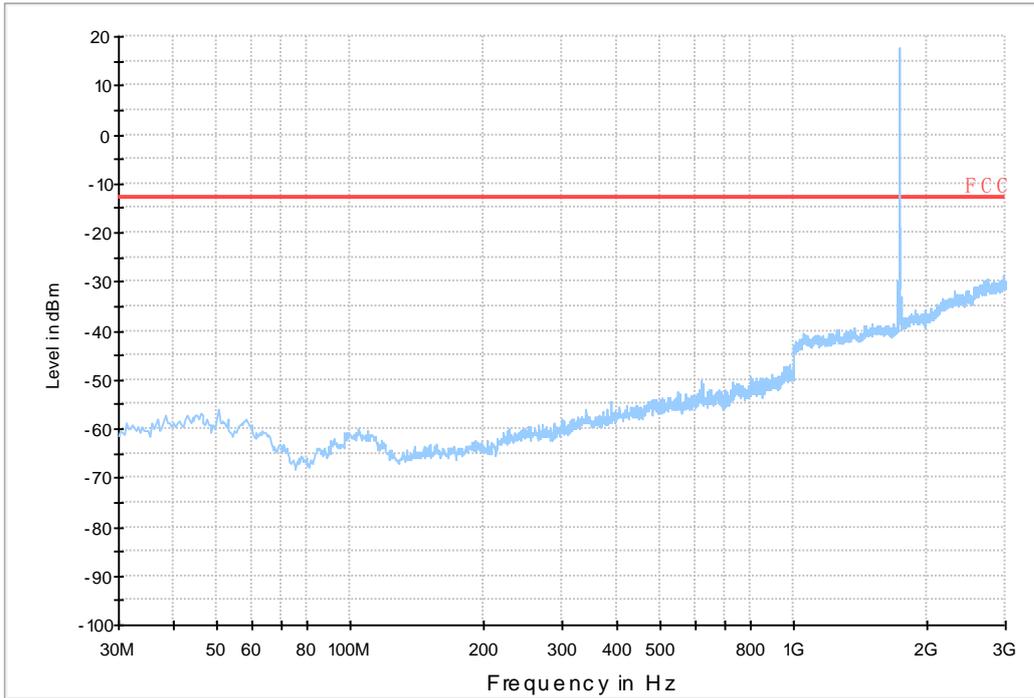
7.1 For LTE

7.1.1 Test Band = BAND4_Ant1

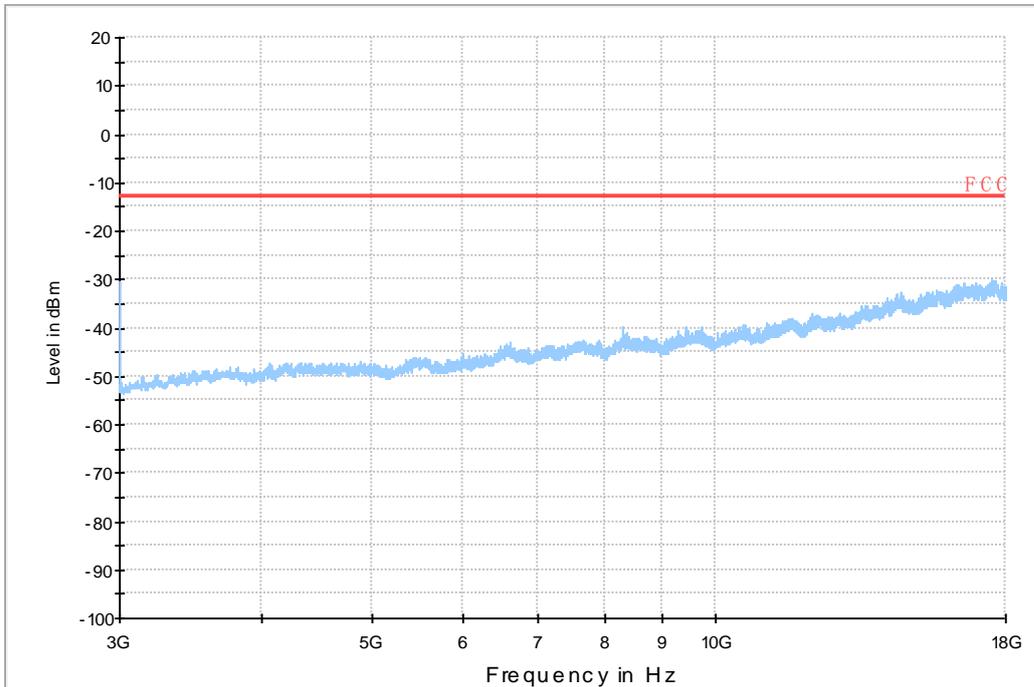
7.1.1.1 Test Bandwidth = 1.4



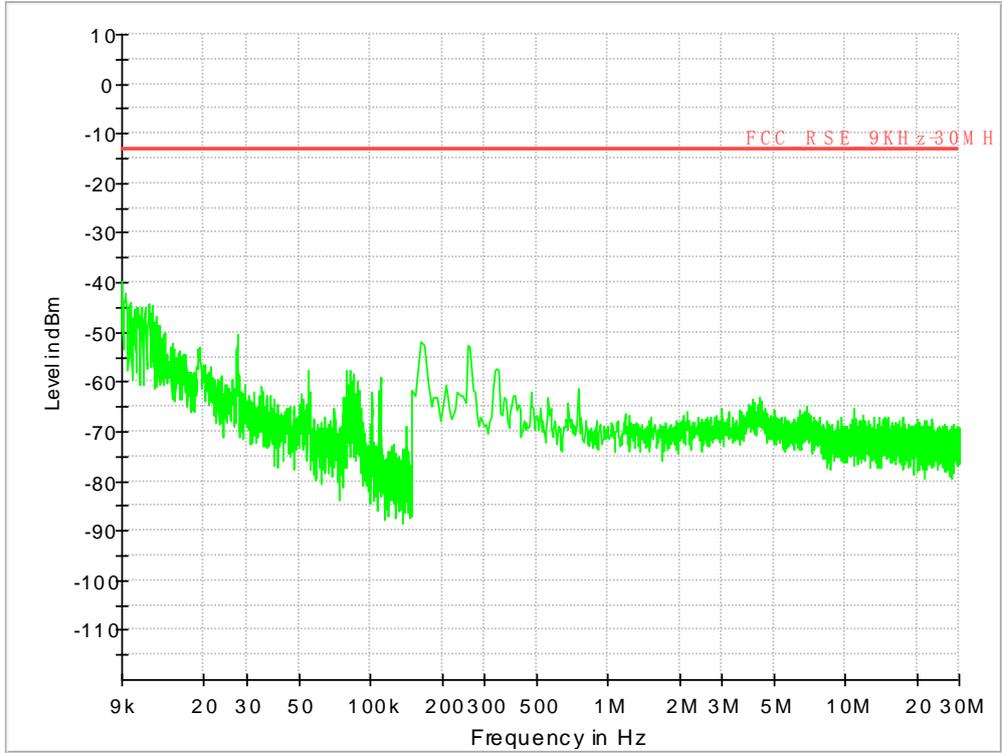
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



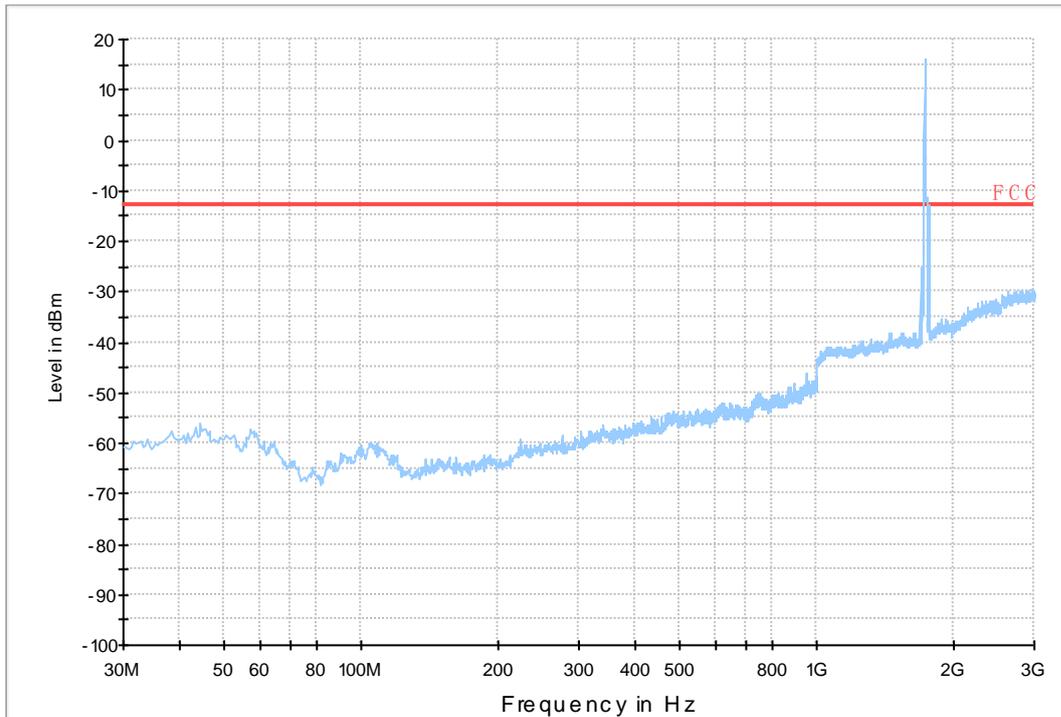
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H



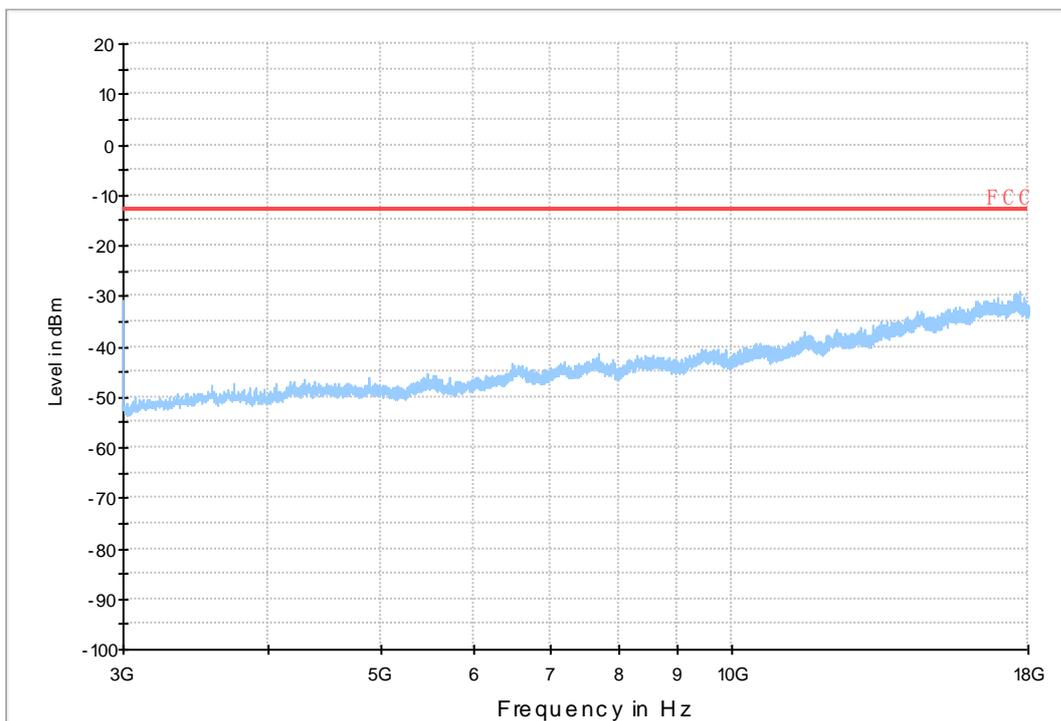
7.1.1.2 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L

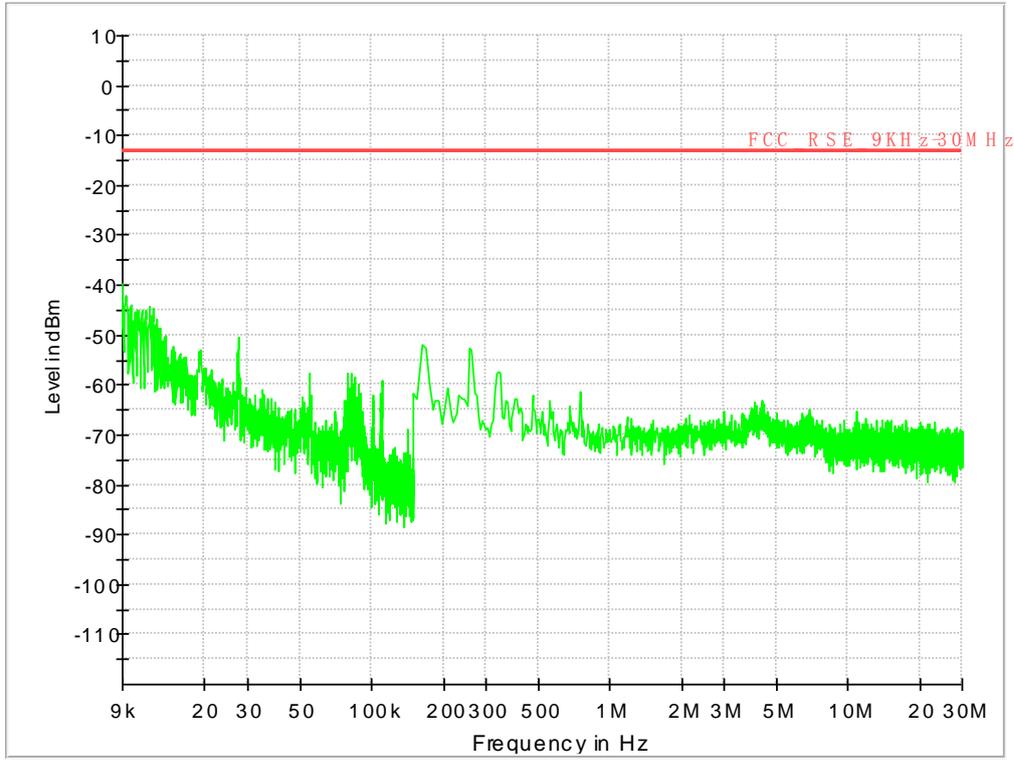


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H

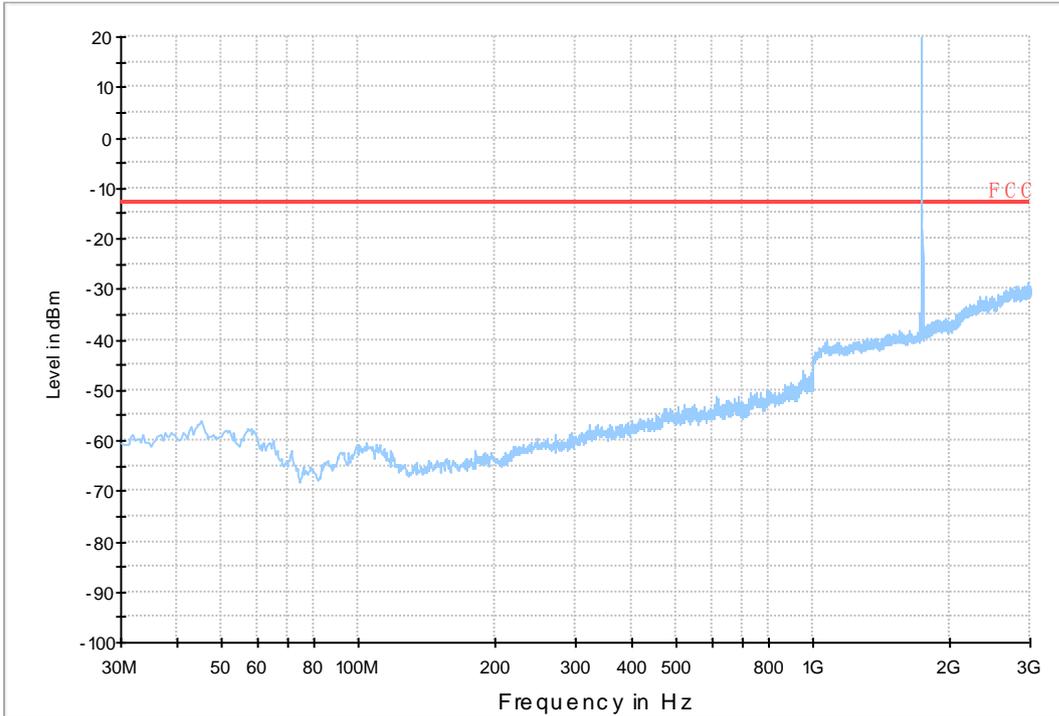


7.1.2 Test Band = BAND4_Ant2

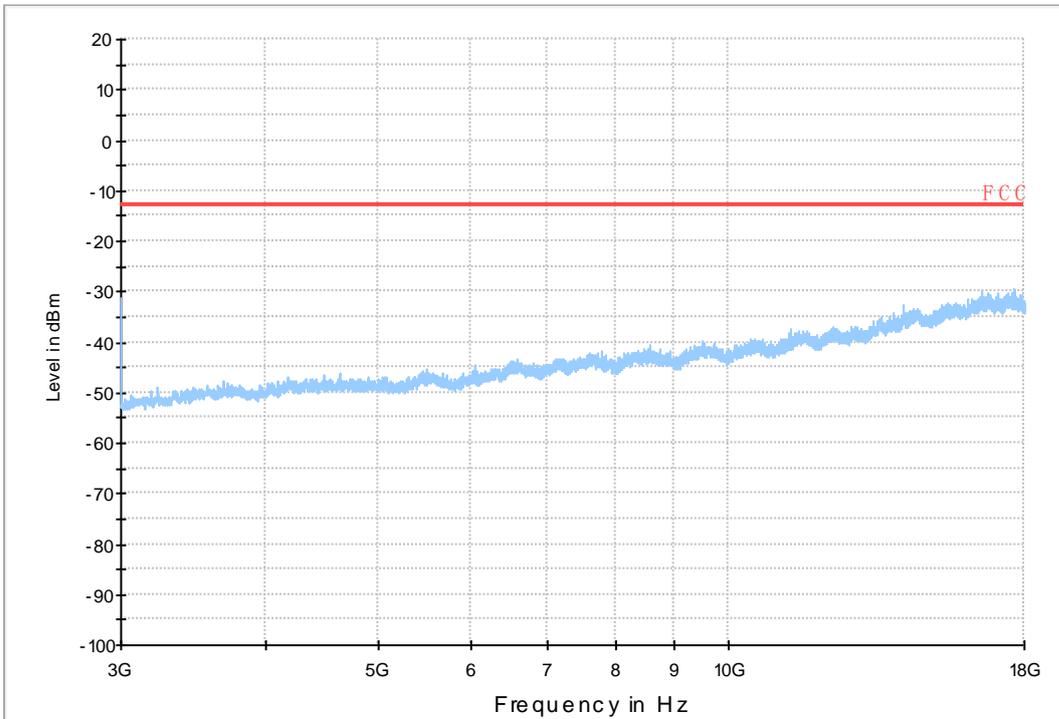
7.1.2.1 Test Bandwidth = 1.4



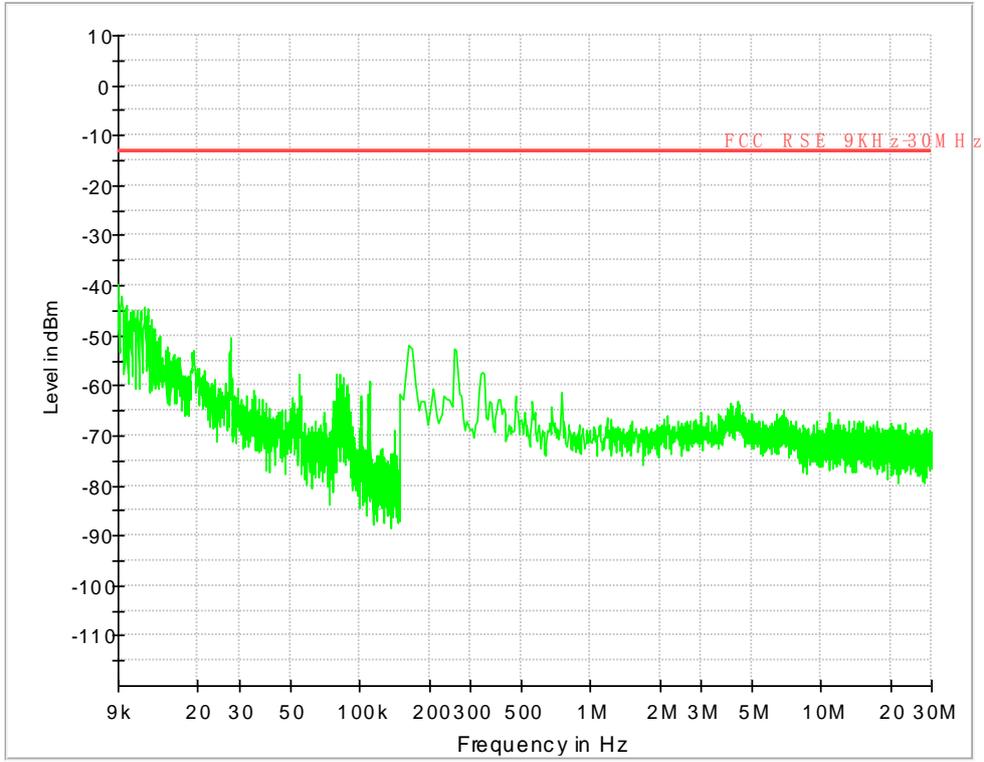
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



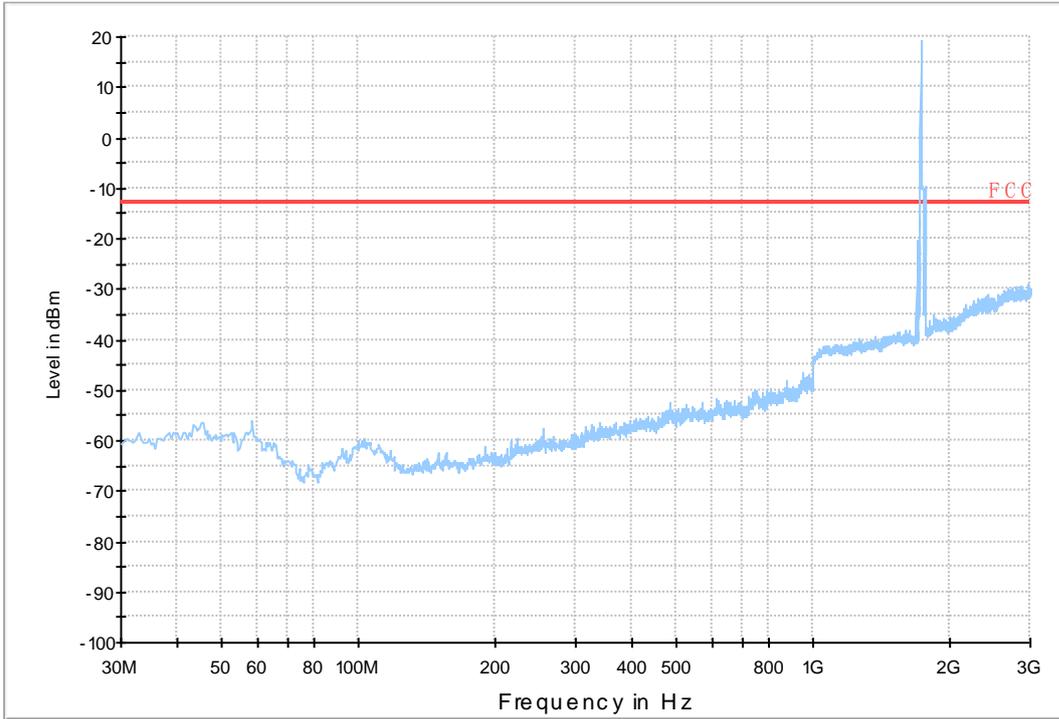
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H



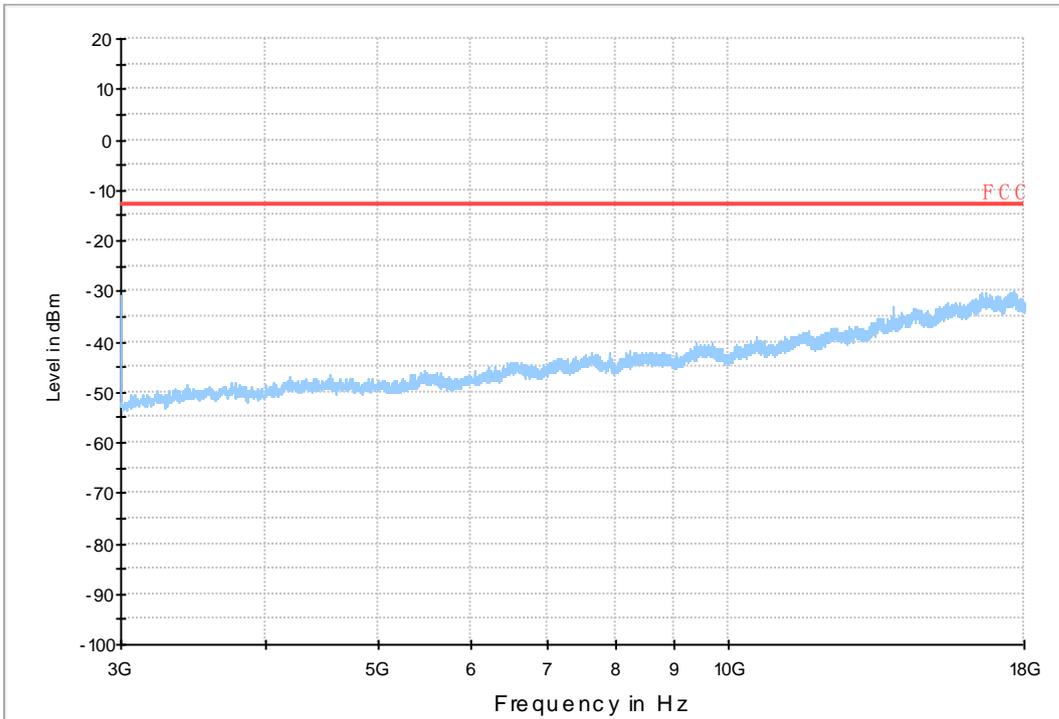
7.1.2.2 Test Bandwidth = 20



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	-0.19	-0.00011	PASS
					VN	0.06	0.00004	PASS
					VH	0.77	0.00045	PASS
			MCH	TN	VL	-0.03	-0.00002	PASS
					VN	-0.16	-0.00009	PASS
					VH	-0.14	-0.00008	PASS
			HCH	TN	VL	-0.86	-0.00049	PASS
					VN	-3.50	-0.002	PASS
					VH	-10.83	-0.00617	PASS
		3	LCH	TN	VL	-0.47	-0.00027	PASS
					VN	-1.07	-0.00063	PASS
					VH	1.50	0.00088	PASS
			MCH	TN	VL	0.29	0.00017	PASS
					VN	-0.43	-0.00025	PASS
					VH	-2.42	-0.0014	PASS
			HCH	TN	VL	-16.68	-0.00951	PASS
					VN	-0.06	-0.00003	PASS
					VH	3.40	0.00194	PASS
		5	LCH	TN	VL	0.34	0.0002	PASS
					VN	-15.38	-0.00898	PASS
					VH	1.06	0.00062	PASS
			MCH	TN	VL	0.56	0.00032	PASS
					VN	0.13	0.00008	PASS
					VH	-1.62	-0.00094	PASS
			HCH	TN	VL	-3.72	-0.00212	PASS
					VN	-1.00	-0.00057	PASS
					VH	-0.04	-0.00002	PASS
		10	LCH	TN	VL	-1.27	-0.00074	PASS
					VN	-0.94	-0.00055	PASS
					VH	-1.32	-0.00077	PASS
MCH	TN		VL	0.60	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	0.13	0.00008	PASS		
					VH	0.50	0.00029	PASS		
			HCH	TN	VL	-2.72	-0.00155	PASS		
					VN	-1.44	-0.00082	PASS		
					VH	-1.04	-0.00059	PASS		
					15	LCH	TN	VL	0.57	0.00033
		VN	1.56	0.00091				PASS		
		VH	1.13	0.00066				PASS		
					MCH	TN	VL	1.89	0.00109	PASS
							VN	-0.72	-0.00042	PASS
							VH	0.34	0.0002	PASS
					HCH	TN	VL	-1.67	-0.00096	PASS
							VN	2.76	0.00158	PASS
							VH	2.96	0.00169	PASS
		20			LCH	TN	VL	-3.39	-0.00197	PASS
							VN	-0.37	-0.00022	PASS
							VH	-0.16	-0.00009	PASS
					MCH	TN	VL	-1.57	-0.00091	PASS
							VN	-2.46	-0.00142	PASS
							VH	-1.29	-0.00074	PASS
			HCH	TN	VL	-0.50	-0.00029	PASS		
					VN	-3.40	-0.00195	PASS		
					VH	-0.99	-0.00057	PASS		
		LTE/TM2		1.4	LCH	TN	VL	-2.00	-0.00117	PASS
							VN	2.49	0.00146	PASS
							VH	0.66	0.00039	PASS
					MCH	TN	VL	-0.01	-0.00001	PASS
							VN	-0.30	-0.00017	PASS
							VH	0.60	0.00035	PASS
				HCH	TN	VL	2.40	0.00137	PASS	
						VN	-0.90	-0.00051	PASS	
						VH	-0.19	-0.00011	PASS	
				3	LCH	TN	VL	2.86	0.00167	PASS
							VN	-5.16	-0.00301	PASS
							VH	2.93	0.00171	PASS
		MCH	TN		VL	-4.33	-0.0025	PASS		
VN	1.16				0.00067	PASS				
VH	4.03				0.00233	PASS				
HCH	TN	VL	2.99	0.00171	PASS					

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	1.77	0.00101	PASS
					VH	-0.80	-0.00046	PASS
		5	LCH	TN	VL	-2.03	-0.00119	PASS
					VN	1.27	0.00074	PASS
					VH	2.07	0.00121	PASS
			MCH	TN	VL	1.49	0.00086	PASS
					VN	0.20	0.00012	PASS
					VH	2.82	0.00163	PASS
			HCH	TN	VL	-2.63	-0.0015	PASS
					VN	-11.59	-0.00661	PASS
					VH	2.59	0.00148	PASS
		10	LCH	TN	VL	-0.69	-0.0004	PASS
					VN	0.16	0.00009	PASS
					VH	-4.96	-0.00289	PASS
			MCH	TN	VL	0.27	0.00016	PASS
					VN	6.04	0.00349	PASS
					VH	-6.35	-0.00367	PASS
			HCH	TN	VL	-0.17	-0.0001	PASS
					VN	-1.70	-0.00097	PASS
					VH	0.69	0.00039	PASS
		15	LCH	TN	VL	-1.46	-0.00085	PASS
					VN	-1.43	-0.00083	PASS
					VH	4.26	0.00248	PASS
			MCH	TN	VL	-0.79	-0.00046	PASS
					VN	0.80	0.00046	PASS
					VH	2.55	0.00147	PASS
			HCH	TN	VL	0.72	0.00041	PASS
					VN	-1.13	-0.00065	PASS
					VH	-3.86	-0.00221	PASS
		20	LCH	TN	VL	0.24	0.00014	PASS
					VN	0.72	0.00042	PASS
					VH	1.92	0.00112	PASS
			MCH	TN	VL	2.42	0.0014	PASS
					VN	0.56	0.00032	PASS
					VH	-1.06	-0.00061	PASS
			HCH	TN	VL	-1.65	-0.00095	PASS
					VN	0.17	0.0001	PASS
					VH	-1.30	-0.00074	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	-5.76	-0.00337	PASS
					-20	1.02	0.0006	PASS
					-10	5.78	0.00338	PASS
					0	0.66	0.00039	PASS
					10	-1.03	-0.0006	PASS
					20	-1.99	-0.00116	PASS
					30	0.80	0.00047	PASS
					40	-3.38	-0.00198	PASS
					50	-1.54	-0.0009	PASS
			MCH	VN	-30	-0.93	-0.00054	PASS
					-20	-0.36	-0.00021	PASS
					-10	0.77	0.00044	PASS
					0	-0.07	-0.00004	PASS
					10	-1.34	-0.00077	PASS
					20	0.11	0.00006	PASS
					30	-0.82	-0.00047	PASS
					40	0.62	0.00036	PASS
					50	3.18	0.00184	PASS
		HCH	VN	-30	-8.63	-0.00492	PASS	
				-20	-0.44	-0.00025	PASS	
				-10	18.45	0.01052	PASS	
				0	-6.38	-0.00364	PASS	
				10	0.72	0.00041	PASS	
				20	6.37	0.00363	PASS	
				30	-2.25	-0.00128	PASS	
				40	4.39	0.0025	PASS	
				50	1.20	0.00068	PASS	
		3	LCH	VN	-30	5.69	0.00332	PASS
					-20	0.20	0.00012	PASS
					-10	0.13	0.00008	PASS
0	1.20				0.0007	PASS		
10	0.56				0.00033	PASS		
20	2.09				0.00122	PASS		
30	0.24				0.00014	PASS		
40	2.72				0.00159	PASS		
50	-1.26				-0.00074	PASS		
MCH	VN		-30	-2.70	-0.00156	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	0.54	0.00031	PASS		
					-10	4.52	0.00261	PASS		
					0	0.77	0.00044	PASS		
					10	-0.67	-0.00039	PASS		
					20	2.59	0.00149	PASS		
					30	3.18	0.00184	PASS		
					40	-2.23	-0.00129	PASS		
					50	0.37	0.00021	PASS		
			HCH	VN	-30	3.25	0.00185	PASS		
					-20	0.73	0.00042	PASS		
					-10	0.16	0.00009	PASS		
					0	0.36	0.00021	PASS		
					10	-0.90	-0.00051	PASS		
					20	-1.67	-0.00095	PASS		
					30	-1.06	-0.0006	PASS		
					40	-0.67	-0.00038	PASS		
			LCH	VN	-30	-0.31	-0.00018	PASS		
					-20	3.13	0.00183	PASS		
					-10	-0.46	-0.00027	PASS		
					0	-0.46	-0.00027	PASS		
		10			-0.62	-0.00036	PASS			
		20			0.96	0.00056	PASS			
		30			1.57	0.00092	PASS			
		40			-3.99	-0.00233	PASS			
		MCH	VN	-30	-1.09	-0.00063	PASS			
				-20	3.55	0.00205	PASS			
				-10	1.36	0.00078	PASS			
				0	1.02	0.00059	PASS			
				10	0.60	0.00035	PASS			
				20	3.48	0.00201	PASS			
				30	-2.45	-0.00141	PASS			
				40	0.74	0.00043	PASS			
		HCH	VN	-30	-2.25	-0.00128	PASS			
				-20	-1.97	-0.00112	PASS			
				-10	-0.10	-0.00006	PASS			
				0	-4.29	-0.00245	PASS			
		5					-30	-0.31	-0.00018	PASS
							-20	3.13	0.00183	PASS
							-10	-0.46	-0.00027	PASS
							0	-0.46	-0.00027	PASS
10	-0.62						-0.00036	PASS		
20	0.96						0.00056	PASS		
30	1.57						0.00092	PASS		
40	-3.99						-0.00233	PASS		
50	-0.56						-0.00033	PASS		
-30	-1.09						-0.00063	PASS		
-20	3.55						0.00205	PASS		
-10	1.36						0.00078	PASS		
0	1.02	0.00059	PASS							
10	0.60	0.00035	PASS							
20	3.48	0.00201	PASS							
30	-2.45	-0.00141	PASS							
40	0.74	0.00043	PASS							
50	1.09	0.00063	PASS							
-30	-2.25	-0.00128	PASS							
-20	-1.97	-0.00112	PASS							
-10	-0.10	-0.00006	PASS							
0	-4.29	-0.00245	PASS							

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					10	-1.16	-0.00066	PASS			
					20	-7.27	-0.00415	PASS			
					30	-0.90	-0.00051	PASS			
					40	-2.45	-0.0014	PASS			
					50	-0.80	-0.00046	PASS			
					10	LCH	VN	-30	-2.50	-0.00146	PASS
								-20	-2.05	-0.0012	PASS
								-10	-6.71	-0.00391	PASS
								0	3.83	0.00223	PASS
								10	0.89	0.00052	PASS
		20	-1.46	-0.00085				PASS			
		30	-1.09	-0.00064				PASS			
		40	-2.05	-0.0012				PASS			
		50	-1.40	-0.00082				PASS			
		10	MCH	VN				-30	7.38	0.00426	PASS
					-20	-5.35	-0.00309	PASS			
					-10	-0.77	-0.00044	PASS			
					0	-0.10	-0.00006	PASS			
					10	-1.30	-0.00075	PASS			
					20	0.62	0.00036	PASS			
					30	0.59	0.00034	PASS			
					40	-1.26	-0.00073	PASS			
					50	0.73	0.00042	PASS			
					10	HCH	VN	-30	-2.75	-0.00157	PASS
		-20	7.02	0.00401				PASS			
		-10	2.98	0.0017				PASS			
		0	-1.36	-0.00078				PASS			
		10	-2.37	-0.00135				PASS			
		20	-1.07	-0.00061				PASS			
		30	-7.65	-0.00437				PASS			
		40	3.92	0.00224				PASS			
		50	-6.02	-0.00344				PASS			
		15	LCH	VN				-30	0.11	0.00006	PASS
					-20	-0.72	-0.00042	PASS			
					-10	1.76	0.00102	PASS			
					0	15.69	0.00914	PASS			
					10	-4.18	-0.00243	PASS			
					20	0.13	0.00008	PASS			
					30	-0.73	-0.00043	PASS			

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	1.10	0.00064	PASS
					50	1.46	0.00085	PASS
			MCH	VN	-30	4.73	0.00273	PASS
					-20	-1.06	-0.00061	PASS
					-10	0.99	0.00057	PASS
					0	0.04	0.00002	PASS
					10	-0.26	-0.00015	PASS
					20	1.63	0.00094	PASS
					30	-0.37	-0.00021	PASS
					40	-0.49	-0.00028	PASS
					50	1.92	0.00111	PASS
					HCH	VN	-30	-1.03
			-20	-0.39			-0.00022	PASS
			-10	0.36			0.00021	PASS
			0	1.87			0.00107	PASS
			10	-0.03			-0.00002	PASS
			20	0.49			0.00028	PASS
			30	-0.33			-0.00019	PASS
			40	1.06			0.00061	PASS
			20	LCH	VN	-30	0.17	0.0001
		-20				-0.16	-0.00009	PASS
		-10				-0.17	-0.0001	PASS
		0				-0.84	-0.00049	PASS
		10				0.54	0.00031	PASS
		20				-1.50	-0.00087	PASS
		30				0.13	0.00008	PASS
		40				1.26	0.00073	PASS
		50				3.98	0.00231	PASS
		MCH				VN	-30	2.46
				-20	-1.17		-0.00068	PASS
				-10	-0.47		-0.00027	PASS
				0	1.02		0.00059	PASS
				10	0.11		0.00006	PASS
				20	-0.54		-0.00031	PASS
				30	0.56		0.00032	PASS
				40	1.34		0.00077	PASS
				50	0.19		0.00011	PASS
				HCH	VN		-30	5.15

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	-0.96	-0.00055	PASS		
					-10	0.76	0.00044	PASS		
					0	-1.14	-0.00065	PASS		
					10	-2.92	-0.00167	PASS		
					20	-0.20	-0.00011	PASS		
					30	-3.88	-0.00222	PASS		
					40	-3.76	-0.00215	PASS		
					50	0.39	0.00022	PASS		
	LTE/TM2	1.4	LCH	VN	-30	1.79	0.00105	PASS		
					-20	-0.97	-0.00057	PASS		
					-10	0.63	0.00037	PASS		
					0	-0.62	-0.00036	PASS		
					10	1.04	0.00061	PASS		
					20	-3.91	-0.00229	PASS		
					30	1.69	0.00099	PASS		
					40	1.60	0.00094	PASS		
					50	-11.66	-0.00682	PASS		
					MCH	VN	-30	3.02	0.00174	PASS
							-20	0.16	0.00009	PASS
							-10	2.65	0.00153	PASS
							0	0.21	0.00012	PASS
							10	0.87	0.0005	PASS
							20	0.87	0.0005	PASS
							30	2.43	0.0014	PASS
		40	-5.65	-0.00326			PASS			
		HCH	VN	-30	0.62	0.00035	PASS			
				-20	-0.43	-0.00025	PASS			
				-10	-3.43	-0.00196	PASS			
				0	-0.86	-0.00049	PASS			
				10	12.23	0.00697	PASS			
				20	-0.63	-0.00036	PASS			
				30	-3.95	-0.00225	PASS			
				40	0.82	0.00047	PASS			
		50	-0.84	-0.00048	PASS					
		3	LCH	VN	-30	0.76	0.00044	PASS		
					-20	-5.71	-0.00334	PASS		
					-10	1.40	0.00082	PASS		
					0	5.01	0.00293	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-0.36	-0.00021	PASS
					20	0.69	0.0004	PASS
					30	0.36	0.00021	PASS
					40	-0.87	-0.00051	PASS
					50	-0.11	-0.00006	PASS
			MCH	VN	-30	0.84	0.00048	PASS
					-20	0.62	0.00036	PASS
					-10	0.13	0.00008	PASS
					0	1.53	0.00088	PASS
					10	0.14	0.00008	PASS
					20	4.95	0.00286	PASS
					30	-1.47	-0.00085	PASS
					40	-0.24	-0.00014	PASS
			HCH	VN	50	0.26	0.00015	PASS
					-30	0.76	0.00043	PASS
					-20	1.03	0.00059	PASS
					-10	-3.38	-0.00193	PASS
					0	1.47	0.00084	PASS
					10	0.16	0.00009	PASS
					20	1.47	0.00084	PASS
					30	0.89	0.00051	PASS
			LCH	VN	40	0.43	0.00025	PASS
					50	2.55	0.00145	PASS
					-30	1.06	0.00062	PASS
					-20	-0.34	-0.0002	PASS
					-10	-5.79	-0.00338	PASS
					0	-0.44	-0.00026	PASS
					10	1.26	0.00074	PASS
					20	0.26	0.00015	PASS
					30	-0.11	-0.00006	PASS
					40	-0.23	-0.00013	PASS
			MCH	VN	50	-1.60	-0.00093	PASS
					-30	-0.29	-0.00017	PASS
-20	1.86	0.00107			PASS			
-10	-0.53	-0.00031			PASS			
0	10.30	0.00595			PASS			
10	0.84	0.00048			PASS			
20	-0.21	-0.00012			PASS			
30	2.56	0.00148	PASS					

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					40	2.17	0.00125	PASS		
					50	1.50	0.00087	PASS		
			HCH	VN	-30	-0.30	-0.00017	PASS		
					-20	-0.50	-0.00029	PASS		
					-10	-1.42	-0.00081	PASS		
					0	-0.97	-0.00055	PASS		
					10	0.93	0.00053	PASS		
					20	3.30	0.00188	PASS		
					30	-4.25	-0.00243	PASS		
					40	0.33	0.00019	PASS		
		50	-1.65	-0.00094	PASS					
					LCH	VN	-30	-1.76	-0.00103	PASS
							-20	-2.56	-0.00149	PASS
							-10	-0.30	-0.00017	PASS
							0	-0.06	-0.00003	PASS
							10	0.94	0.00055	PASS
							20	-2.55	-0.00149	PASS
							30	0.13	0.00008	PASS
							40	0.69	0.0004	PASS
							50	-0.93	-0.00054	PASS
										MCH
		-20	-0.41	-0.00024	PASS					
		-10	0.73	0.00042	PASS					
		0	-0.47	-0.00027	PASS					
		10	-0.41	-0.00024	PASS					
		20	-0.13	-0.00008	PASS					
		30	-0.51	-0.00029	PASS					
		40	-0.47	-0.00027	PASS					
		50	0.49	0.00028	PASS					
					HCH	VN				
							-20	21.79	0.01245	PASS
							-10	0.16	0.00009	PASS
							0	-1.89	-0.00108	PASS
							10	0.93	0.00053	PASS
							20	-2.39	-0.00137	PASS
							30	-0.31	-0.00018	PASS
							40	0.11	0.00006	PASS
							50	-2.02	-0.00115	PASS
							15	LCH	VN	-30

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
		20			-20	-1.73	-0.00101	PASS		
					-10	-3.26	-0.0019	PASS		
					0	-3.43	-0.002	PASS		
					10	-2.53	-0.00147	PASS		
					20	-1.12	-0.00065	PASS		
					30	1.57	0.00091	PASS		
					40	-1.04	-0.00061	PASS		
					50	-1.80	-0.00105	PASS		
			MCH	VN	-30	2.49	0.00144	PASS		
					-20	0.03	0.00002	PASS		
					-10	1.54	0.00089	PASS		
					0	-1.13	-0.00065	PASS		
					10	0.21	0.00012	PASS		
					20	-2.68	-0.00155	PASS		
					30	-1.85	-0.00107	PASS		
					40	-0.03	-0.00002	PASS		
			HCH	VN	-30	0.63	0.00036	PASS		
					-20	1.40	0.0008	PASS		
					-10	17.64	0.01009	PASS		
					0	0.00	0	PASS		
					10	-0.90	-0.00052	PASS		
					20	-3.08	-0.00176	PASS		
					30	1.62	0.00093	PASS		
					40	1.20	0.00069	PASS		
			20	LCH	VN	-30	0.54	0.00031	PASS	
						-20	18.80	0.01093	PASS	
						-10	2.72	0.00158	PASS	
						0	-2.26	-0.00131	PASS	
		10				0.20	0.00012	PASS		
		20				0.23	0.00013	PASS		
		30				4.01	0.00233	PASS		
		40				0.04	0.00002	PASS		
		50				1.57	0.00091	PASS		
		MCH				VN	-30	0.92	0.00053	PASS
							-20	-0.56	-0.00032	PASS
							-10	0.04	0.00002	PASS
			0	0.83	0.00048		PASS			

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	1.54	0.00089	PASS		
					20	-4.26	-0.00246	PASS		
					30	-1.04	-0.0006	PASS		
					40	-1.93	-0.00111	PASS		
					50	-1.50	-0.00087	PASS		
			HCH	VN	-30	-0.54	-0.00031	PASS		
							-20	-1.07	-0.00061	PASS
							-10	-0.93	-0.00053	PASS
							0	-2.07	-0.00119	PASS
							10	1.72	0.00099	PASS
							20	2.23	0.00128	PASS
							30	-1.63	-0.00093	PASS
							40	-0.21	-0.00012	PASS
							50	-0.70	-0.0004	PASS

END