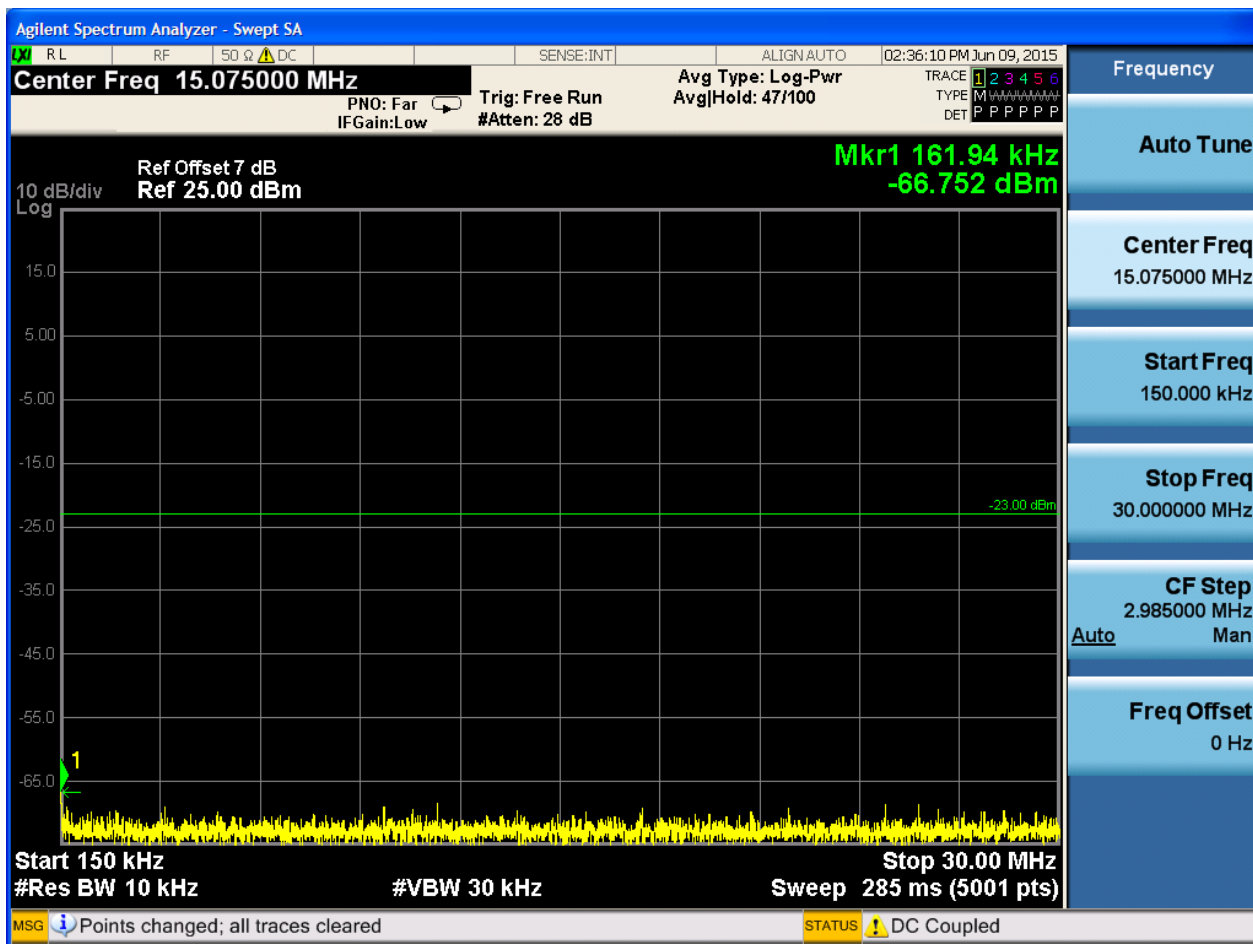
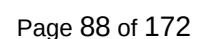
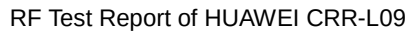
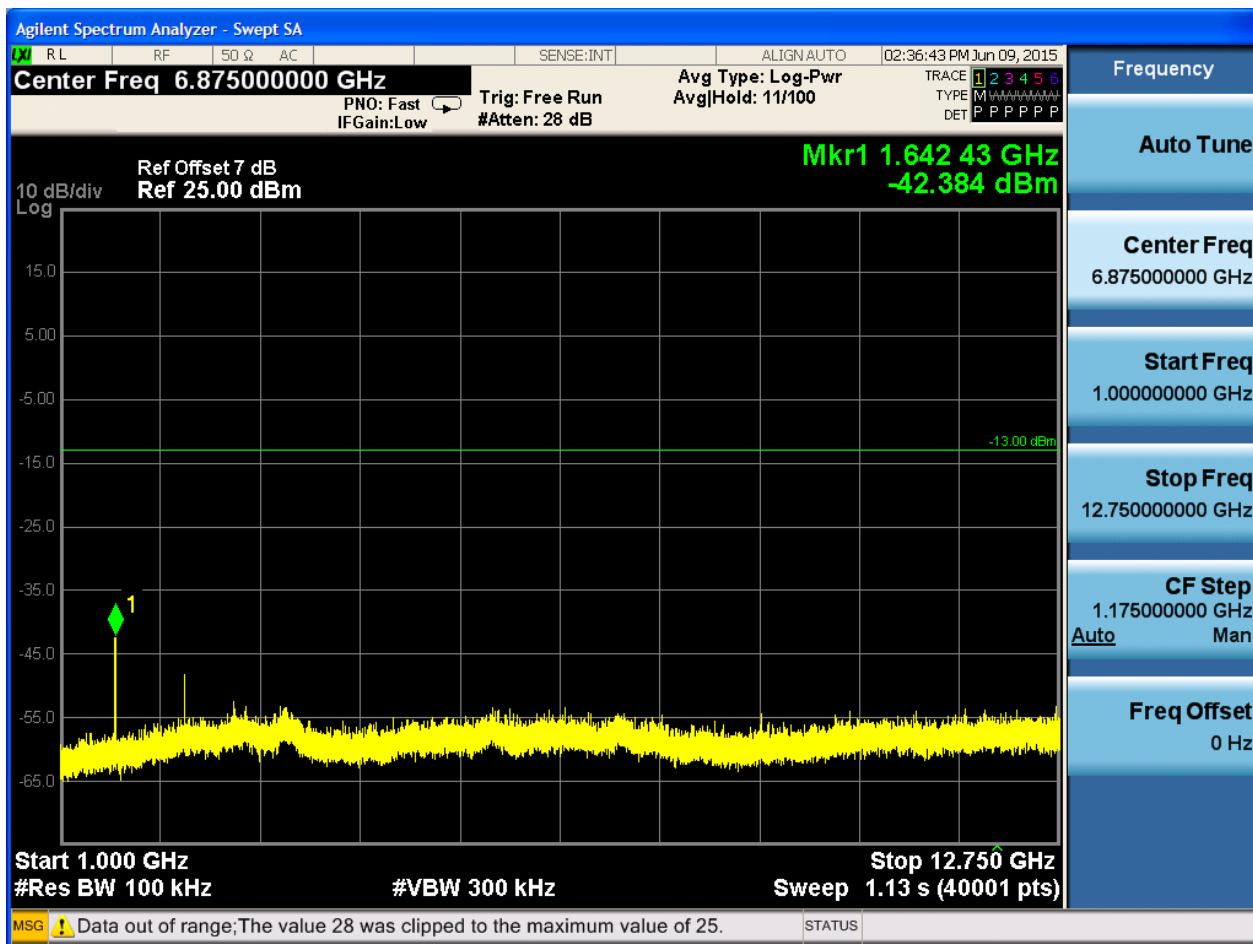






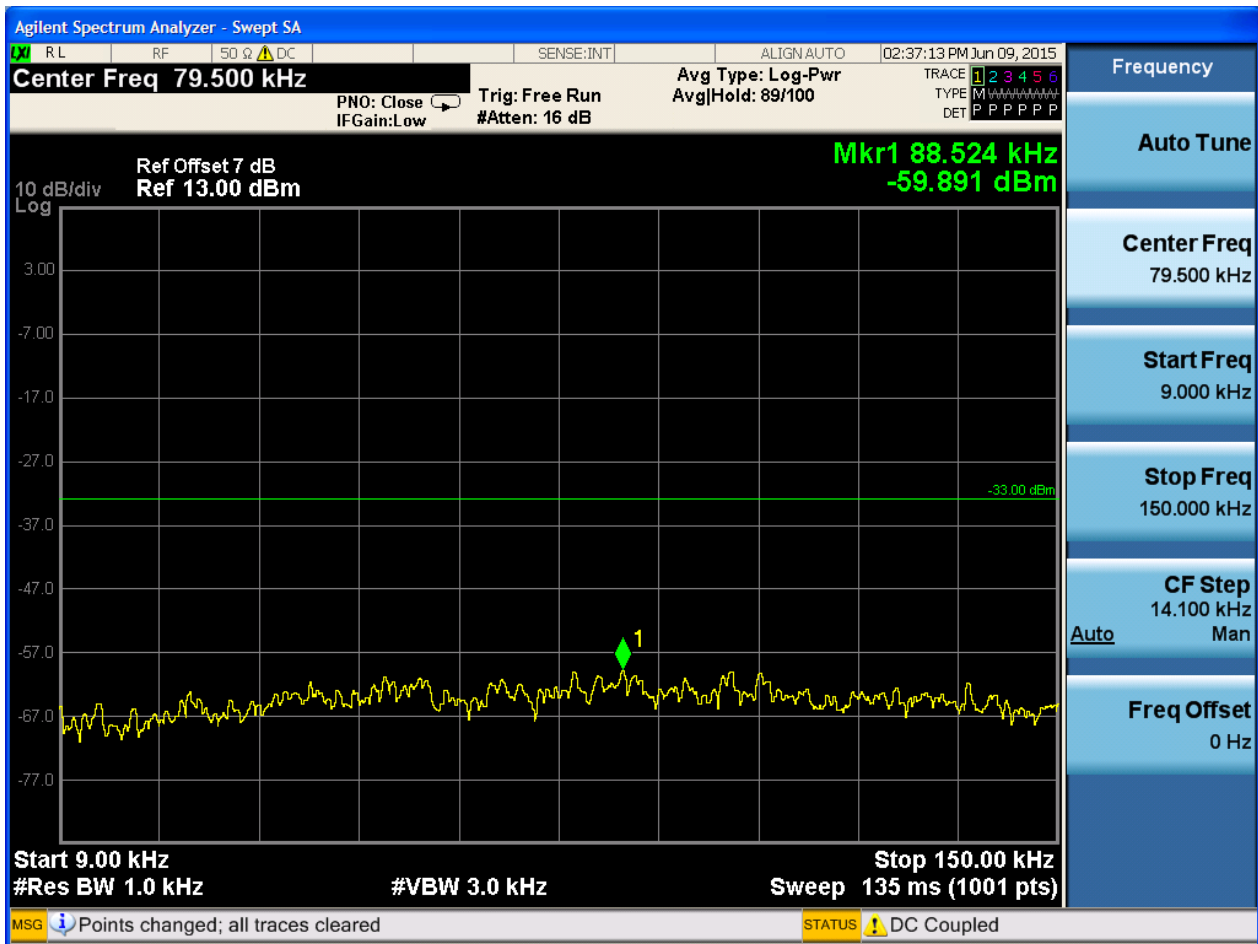


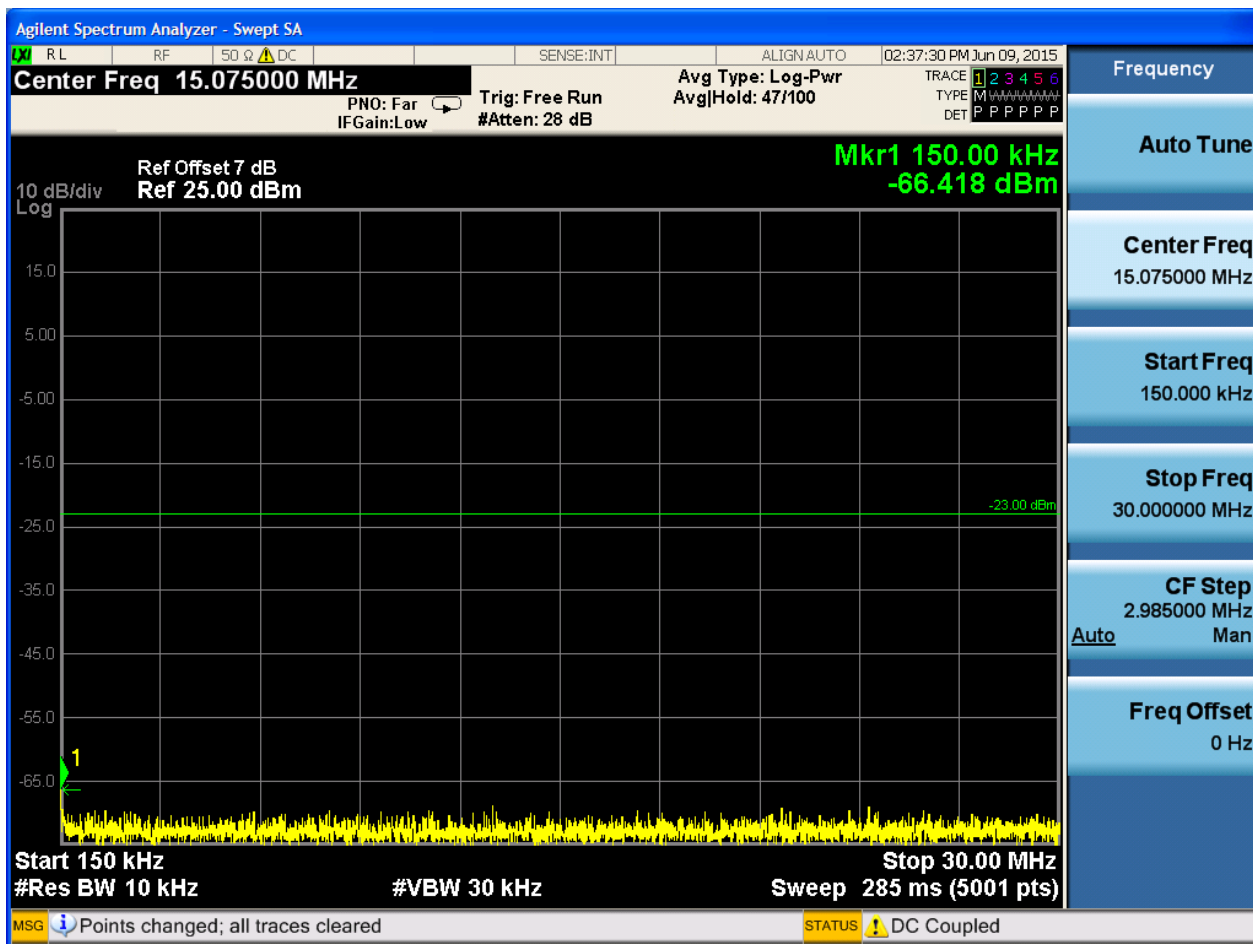


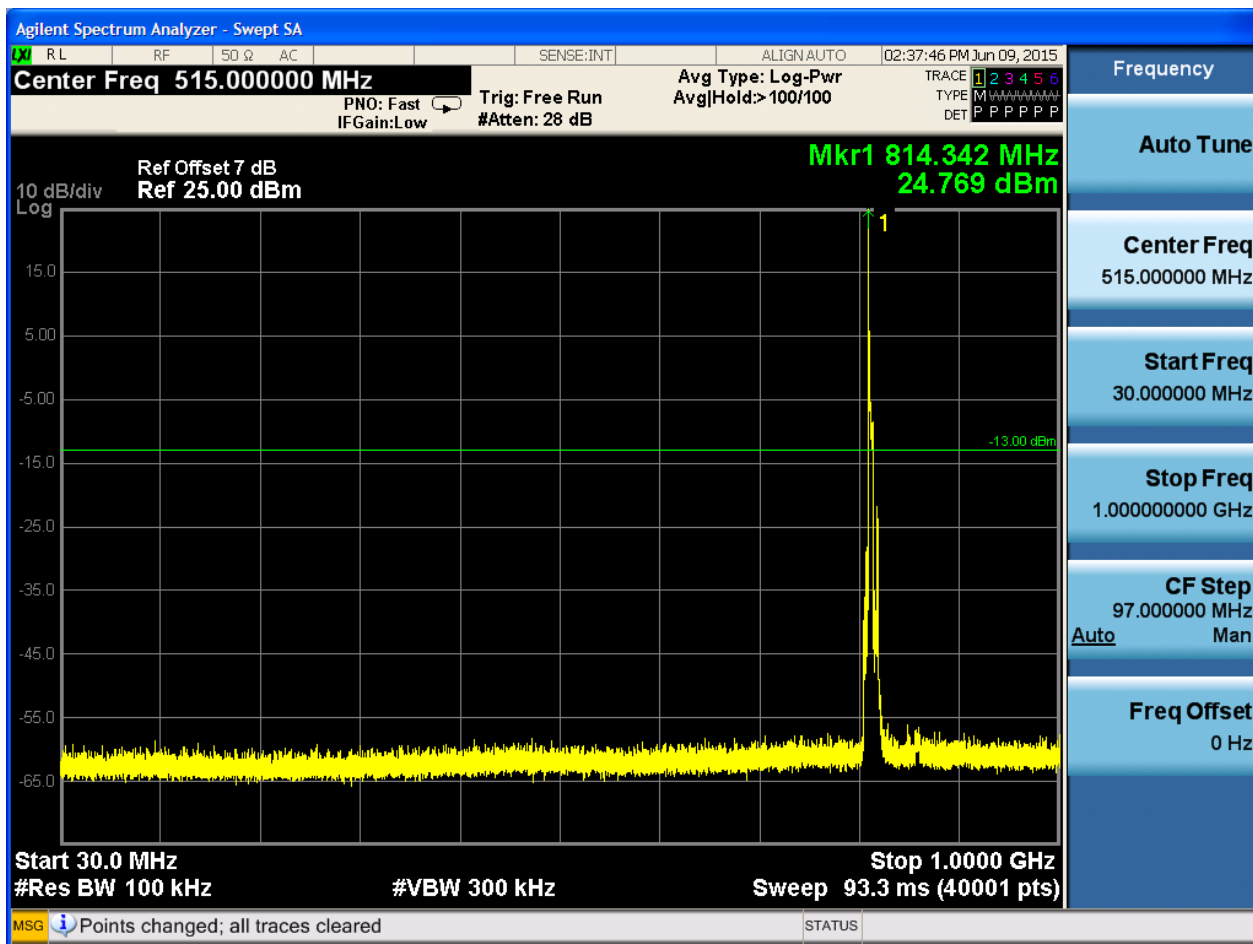
6.1.1.1.3 Test Bandwidth = 5

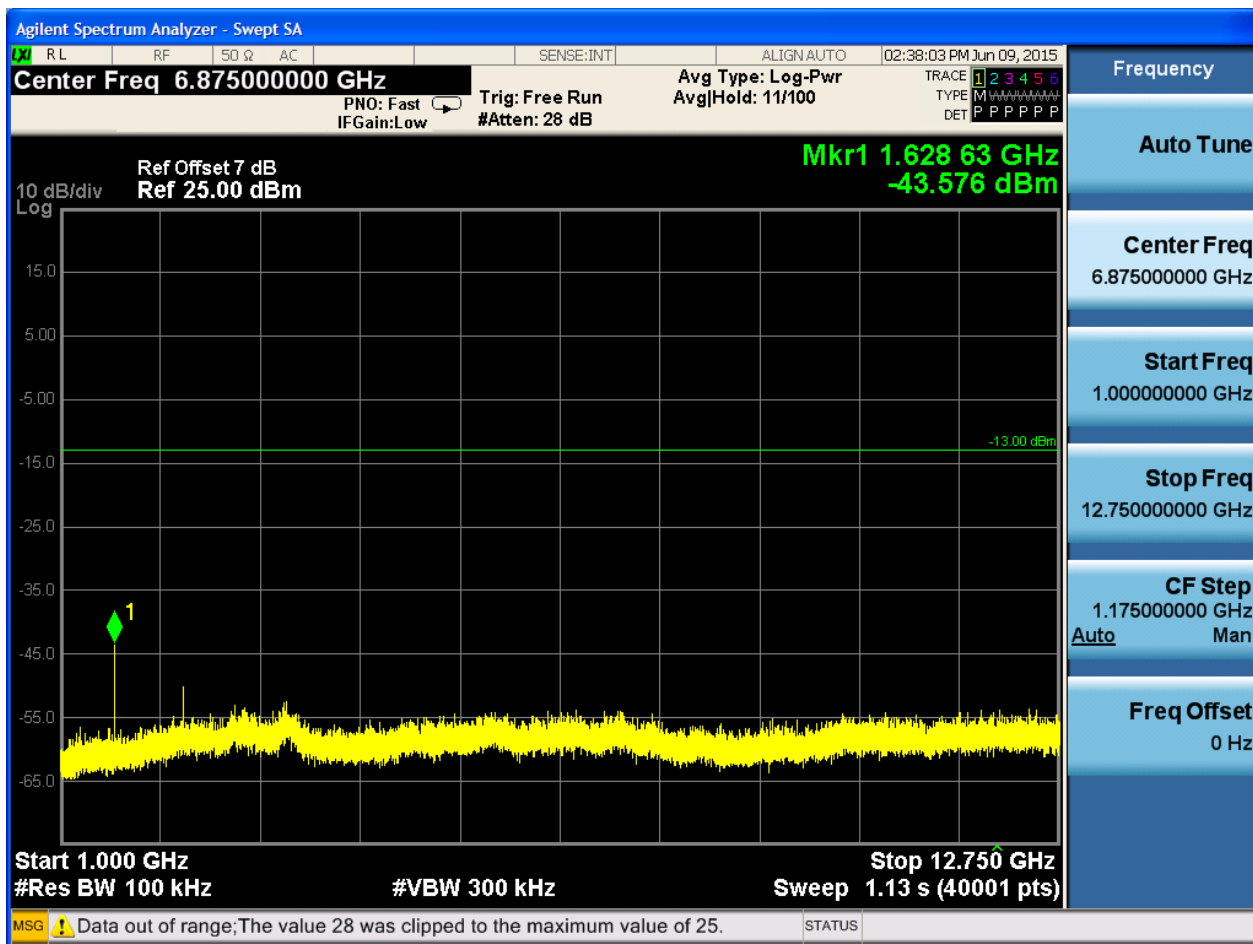
6.1.1.1.3.1 Test Channel = LCH

6.1.1.1.3.1.1 Test RB = RB1#0



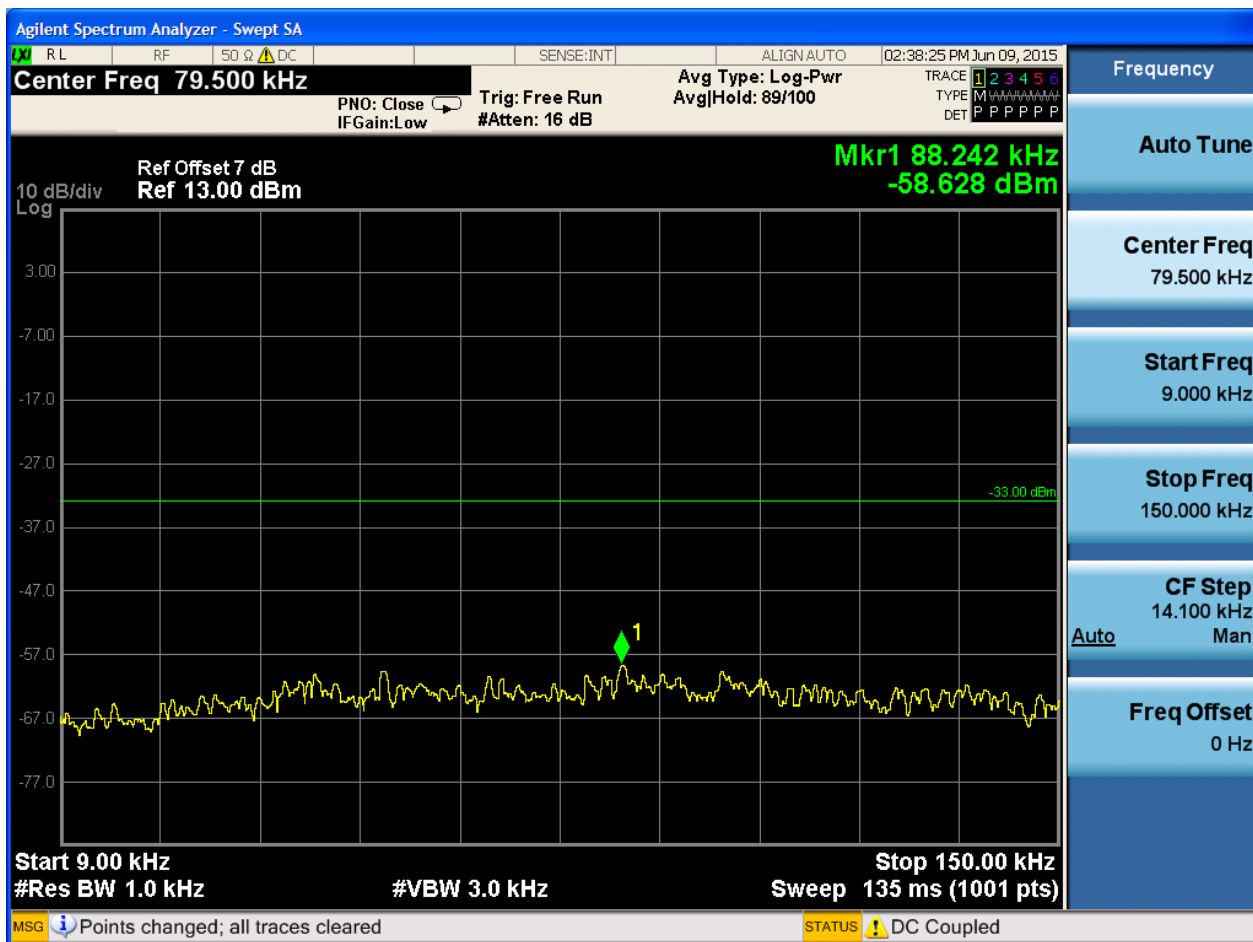




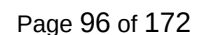
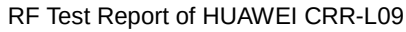


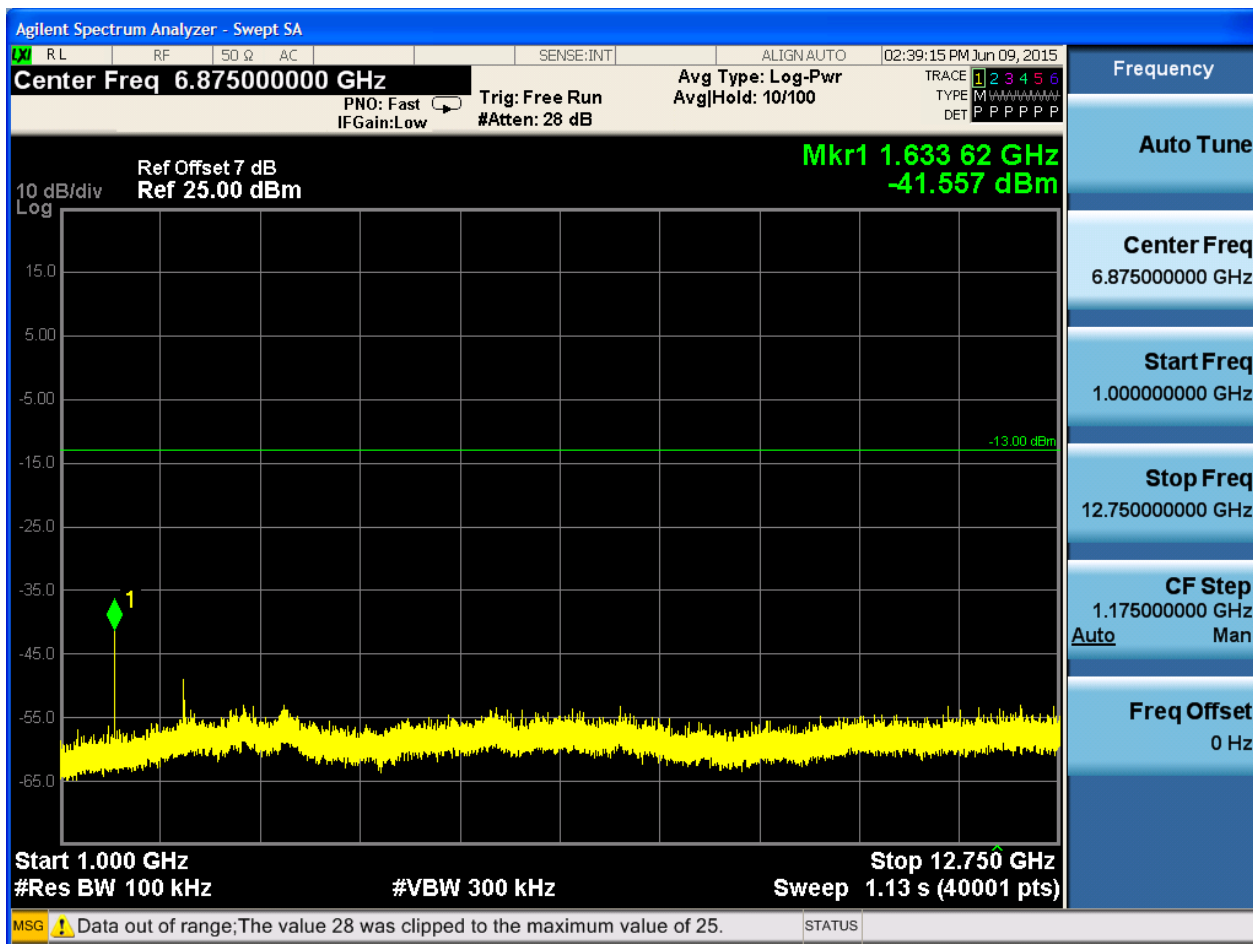
6.1.1.1.3.2 Test Channel = MCH

6.1.1.1.3.2.1 Test RB = RB1#0



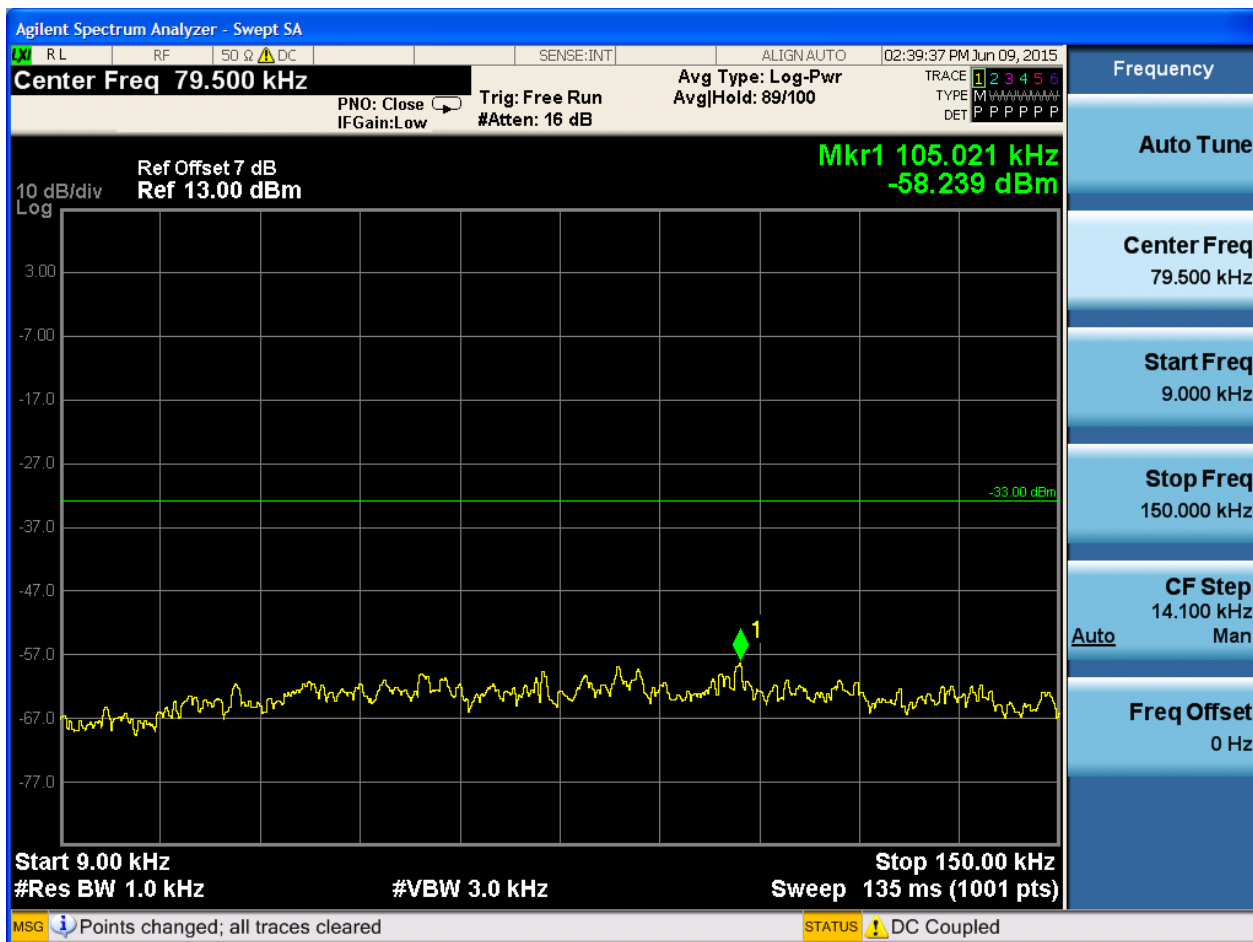


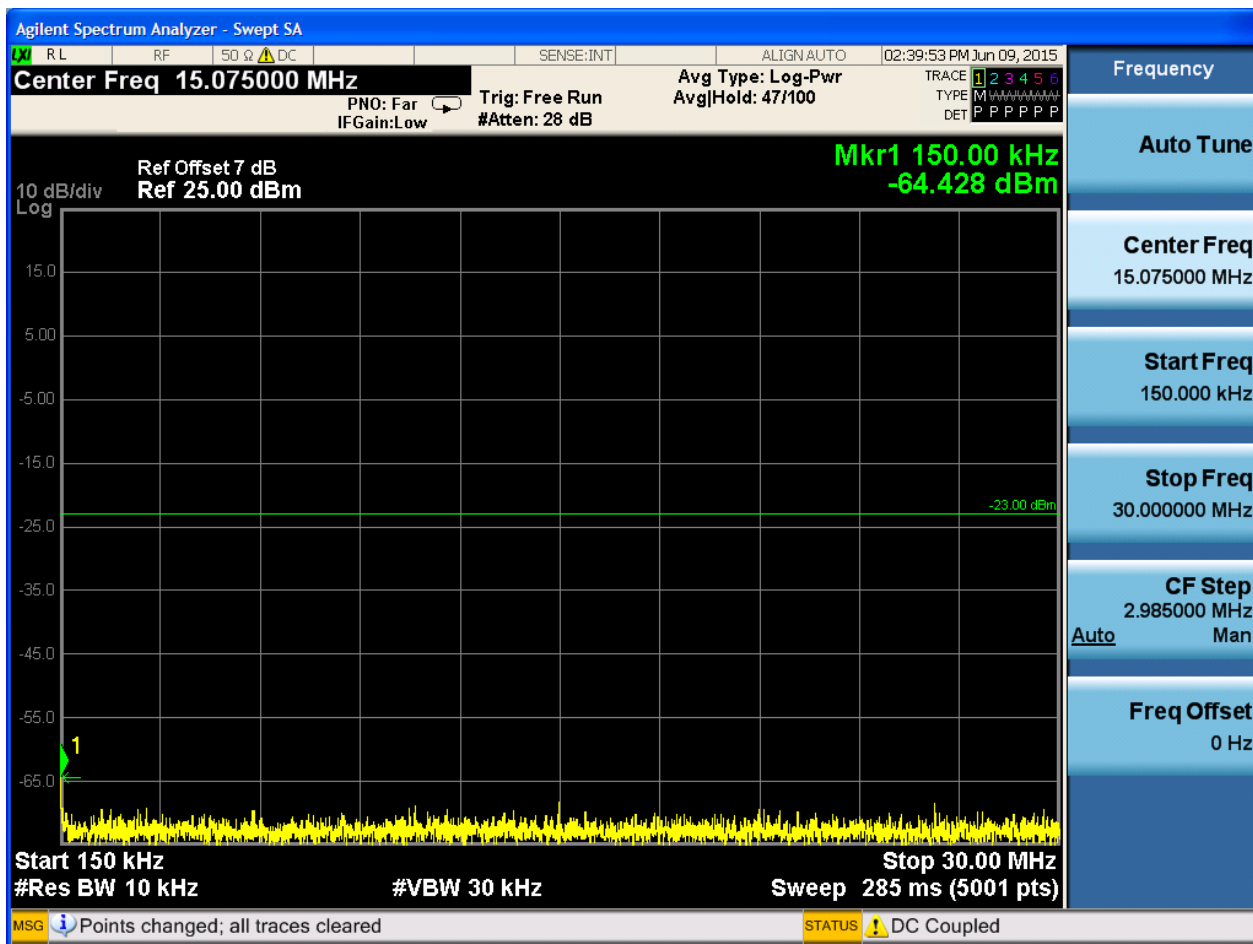


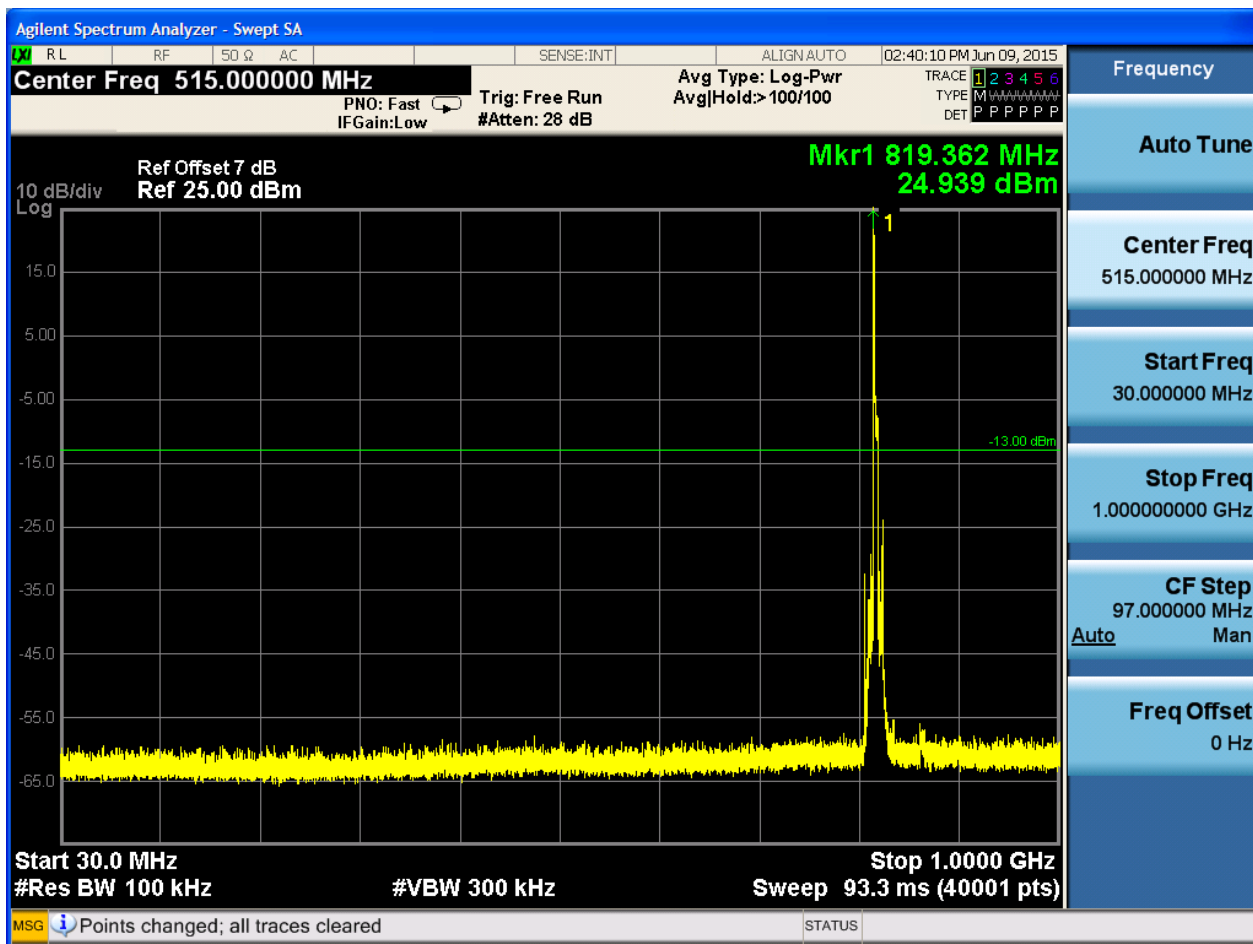


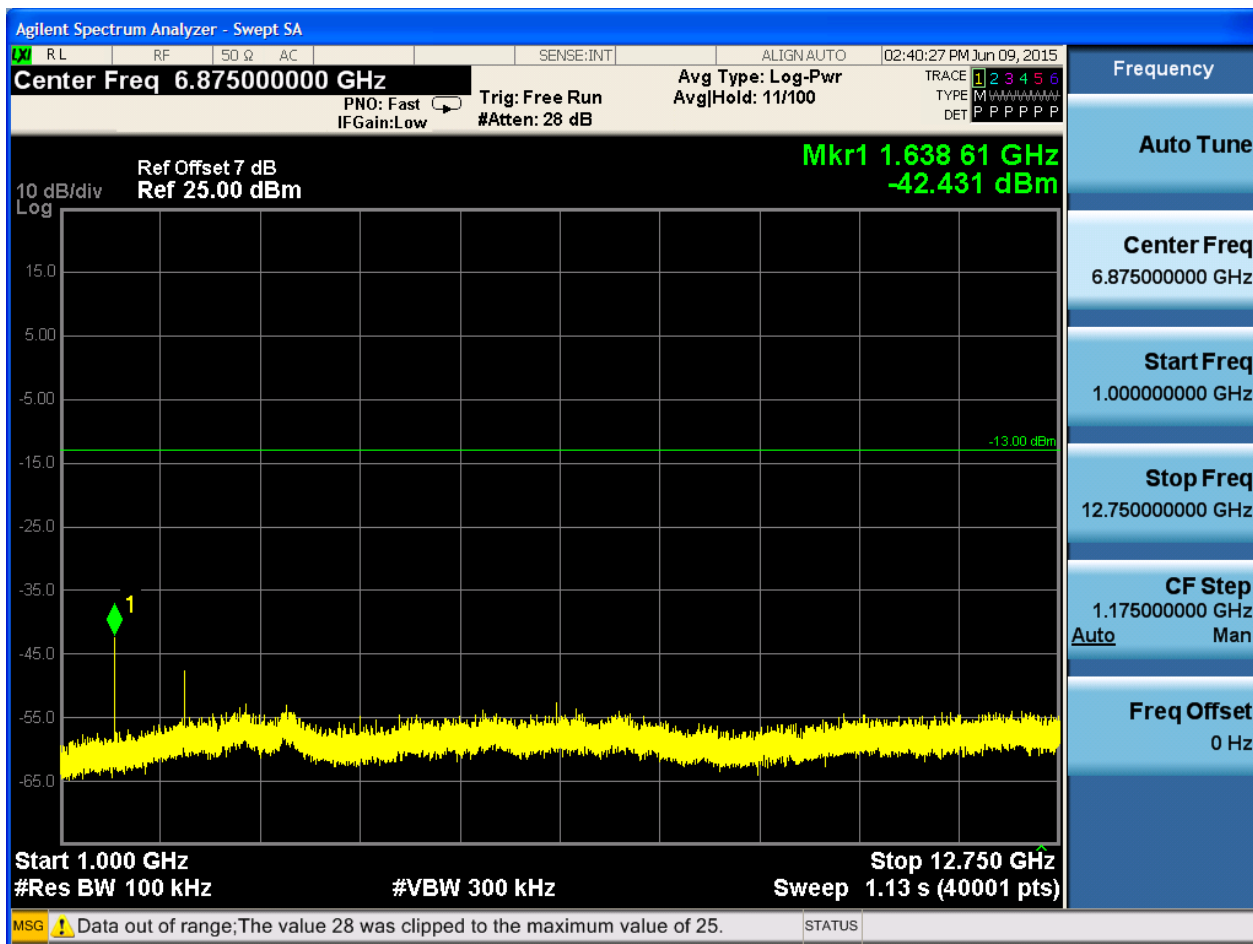
6.1.1.1.3.3 Test Channel = HCH

6.1.1.1.3.3.1 Test RB = RB1#0







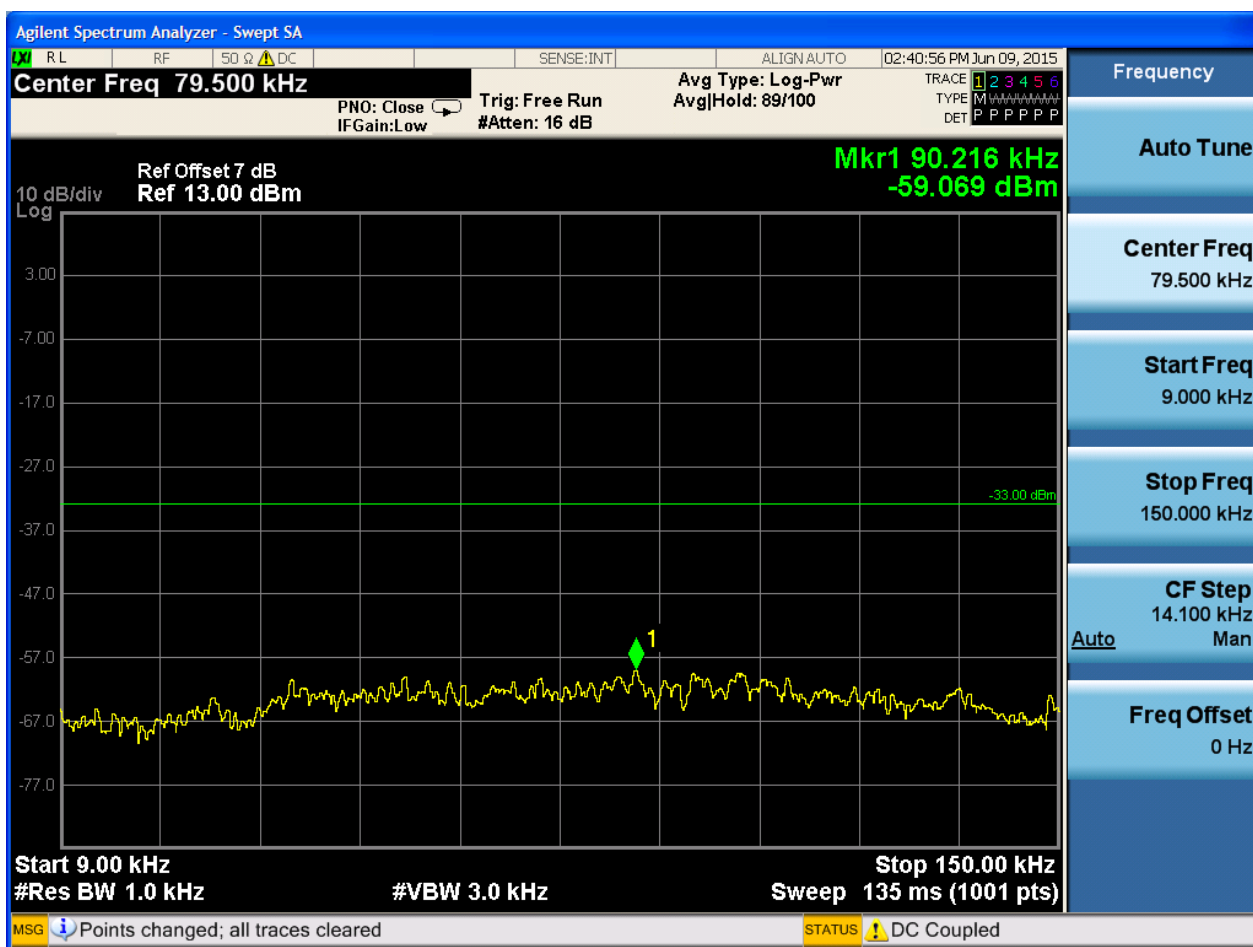


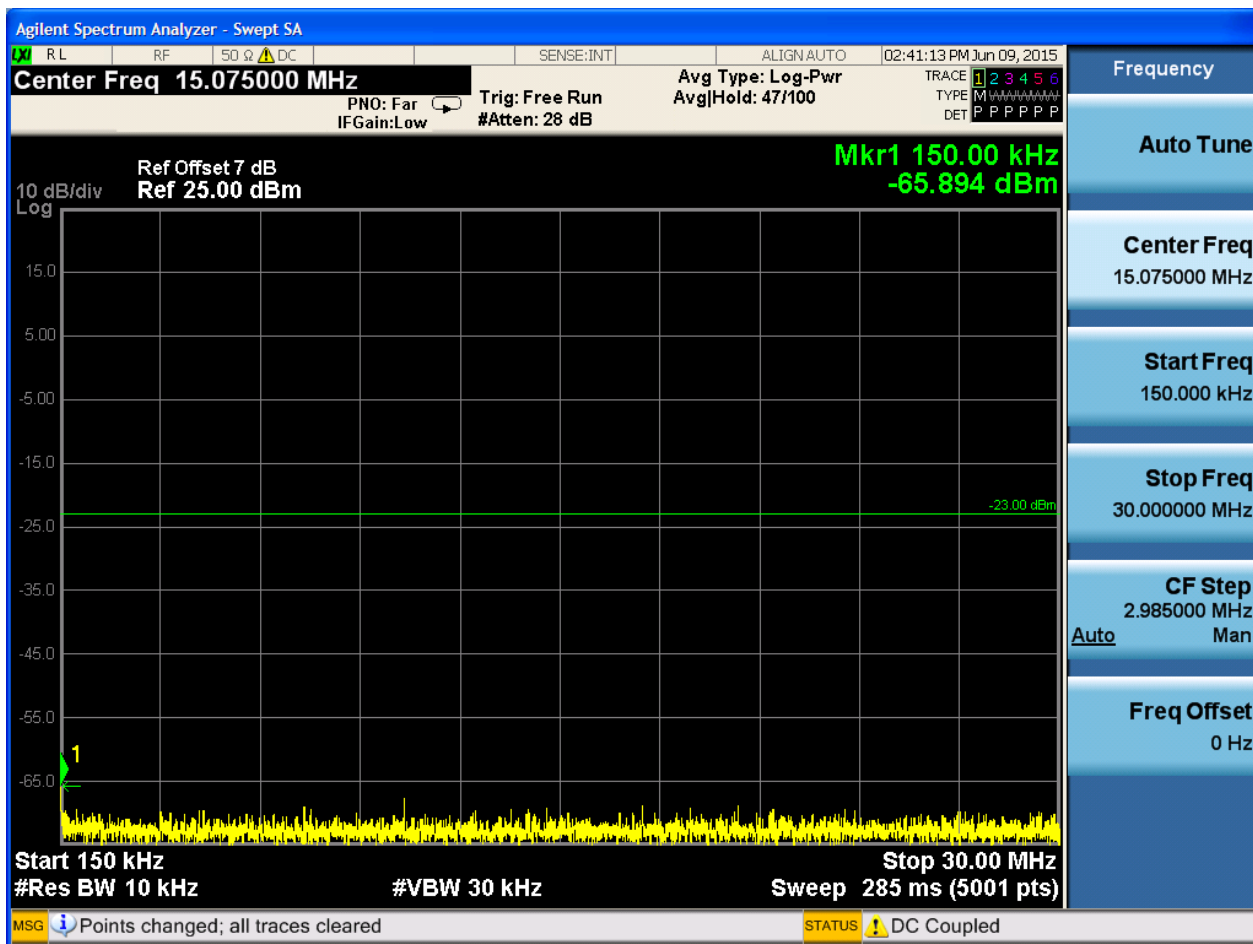


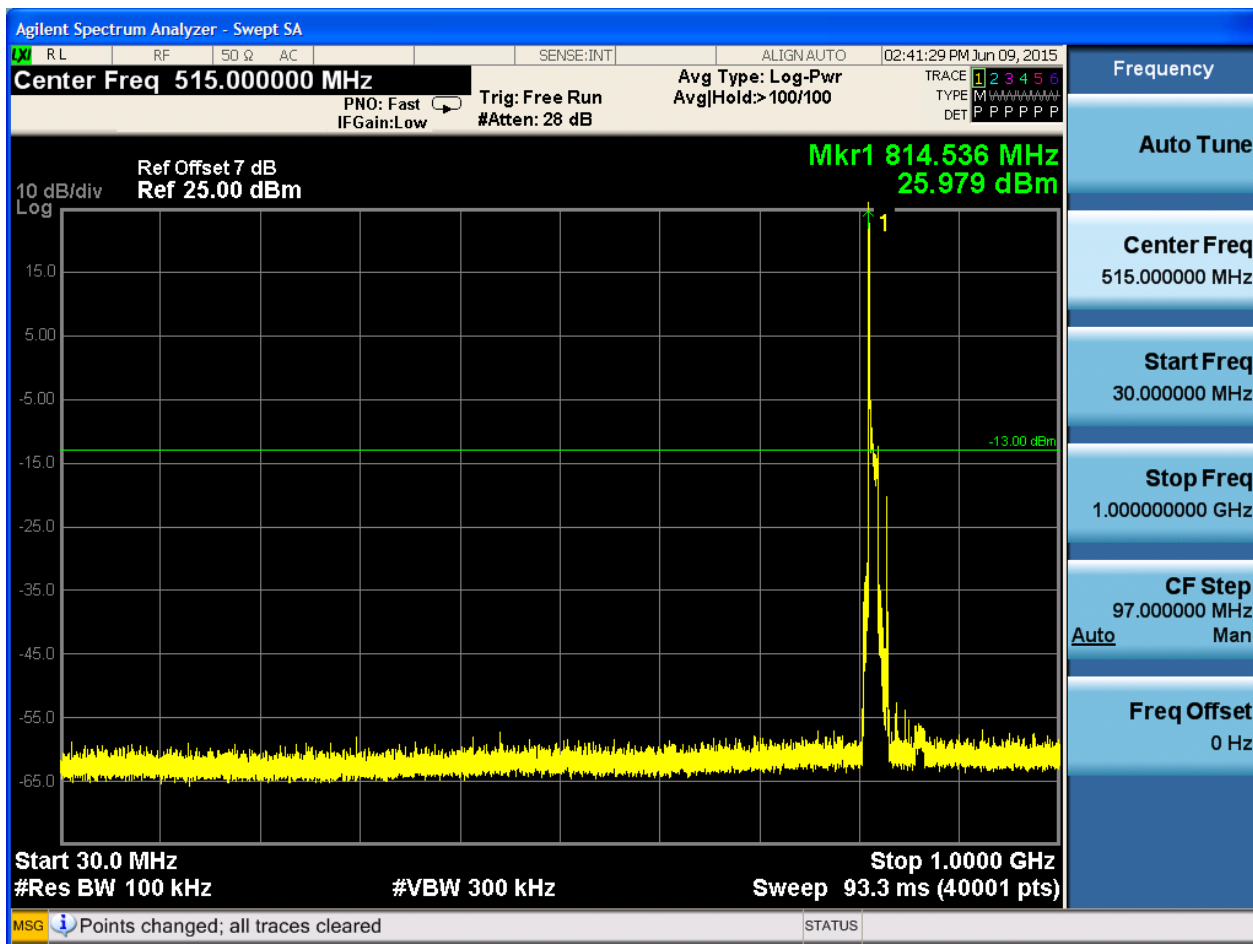
6.1.1.1.4 Test Bandwidth = 10

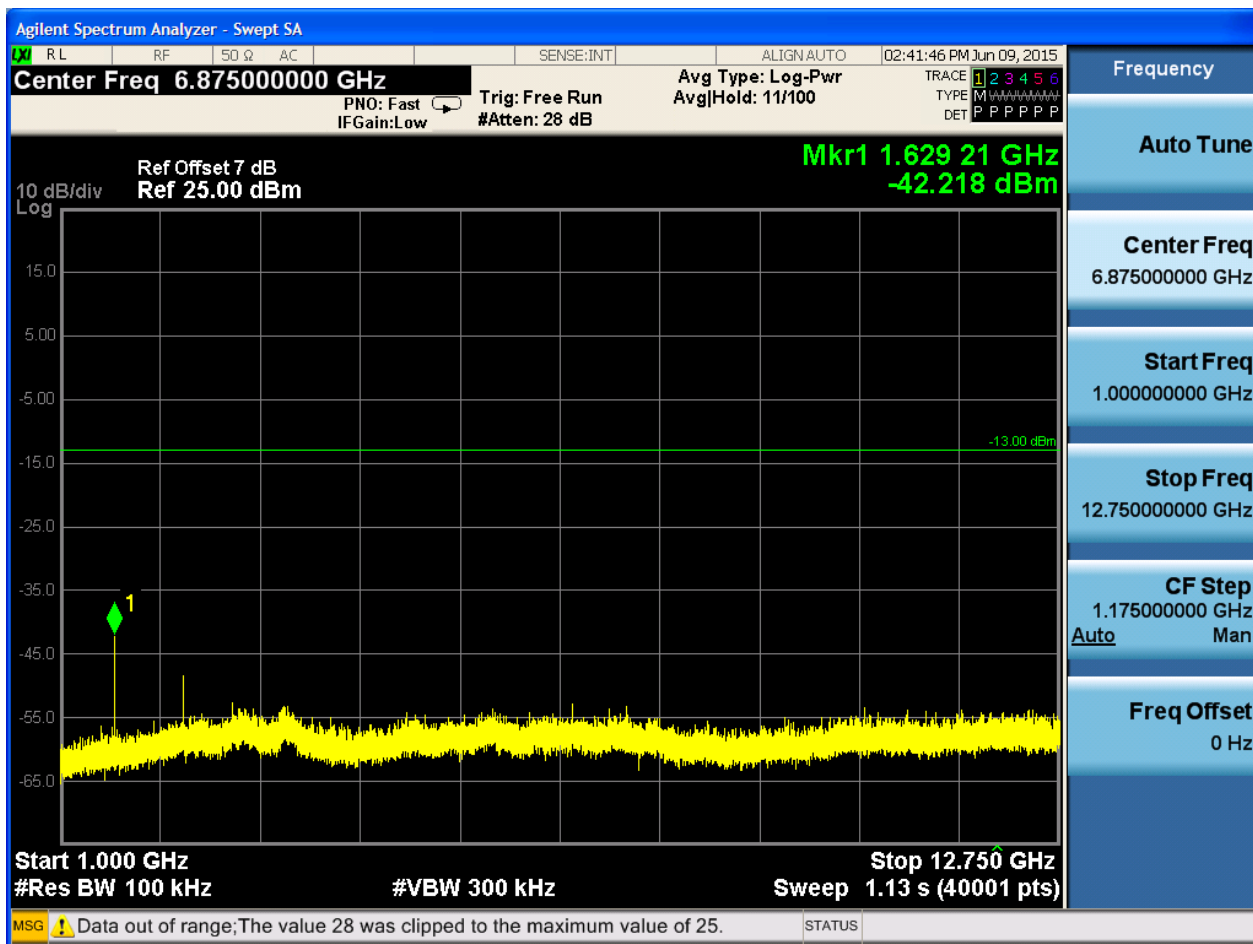
6.1.1.1.4.1 Test Channel = LCH

6.1.1.1.4.1.1 Test RB = RB1#0



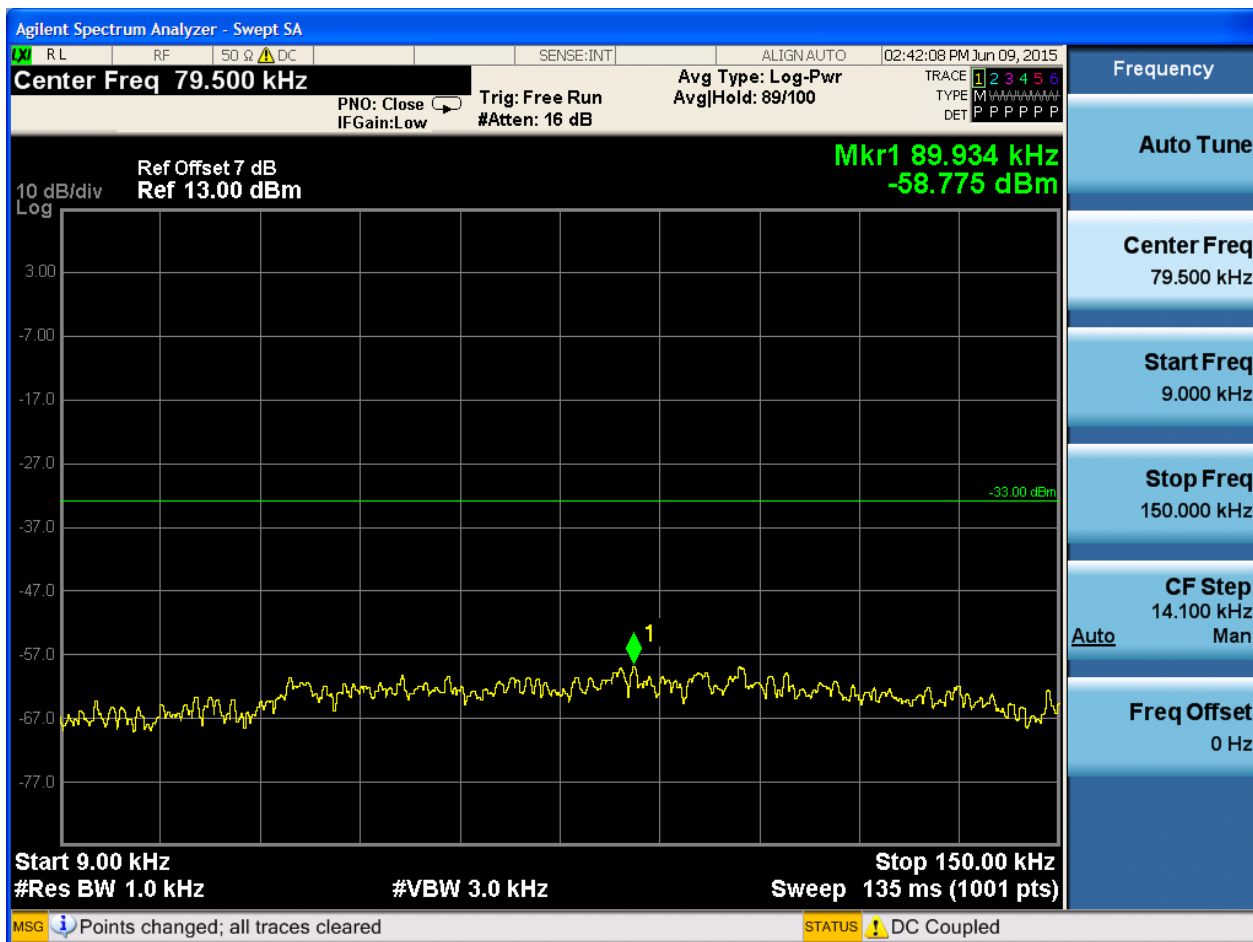


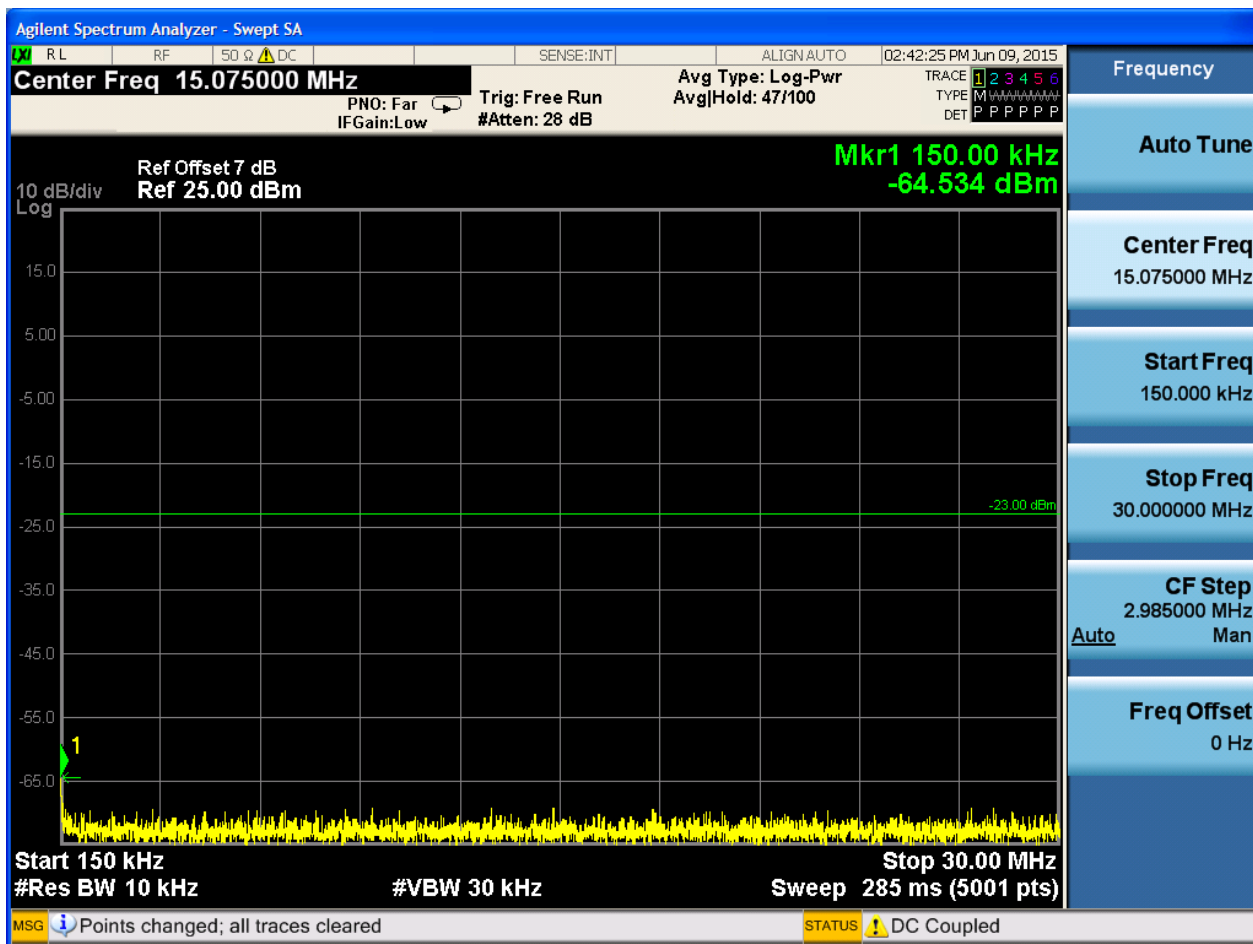


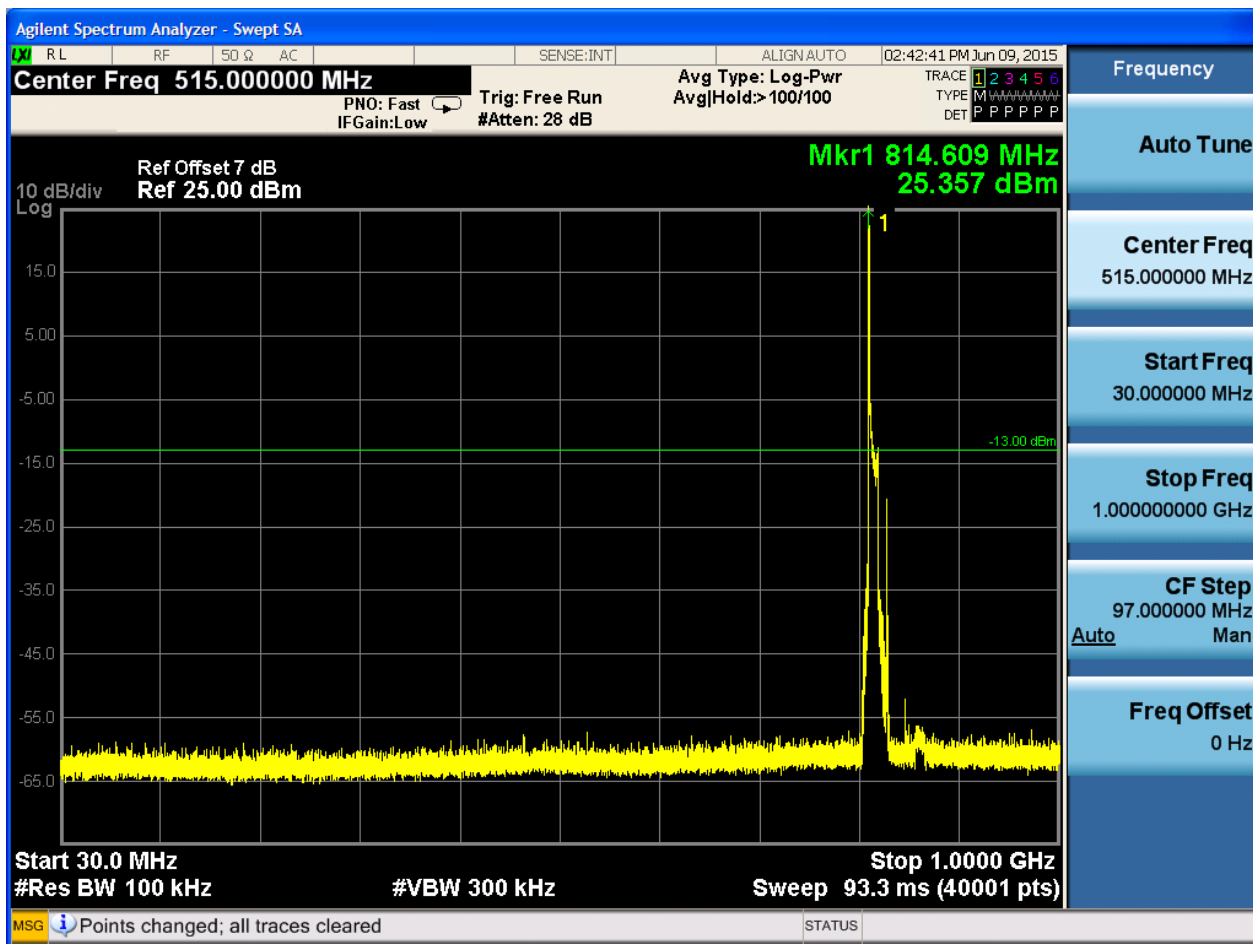


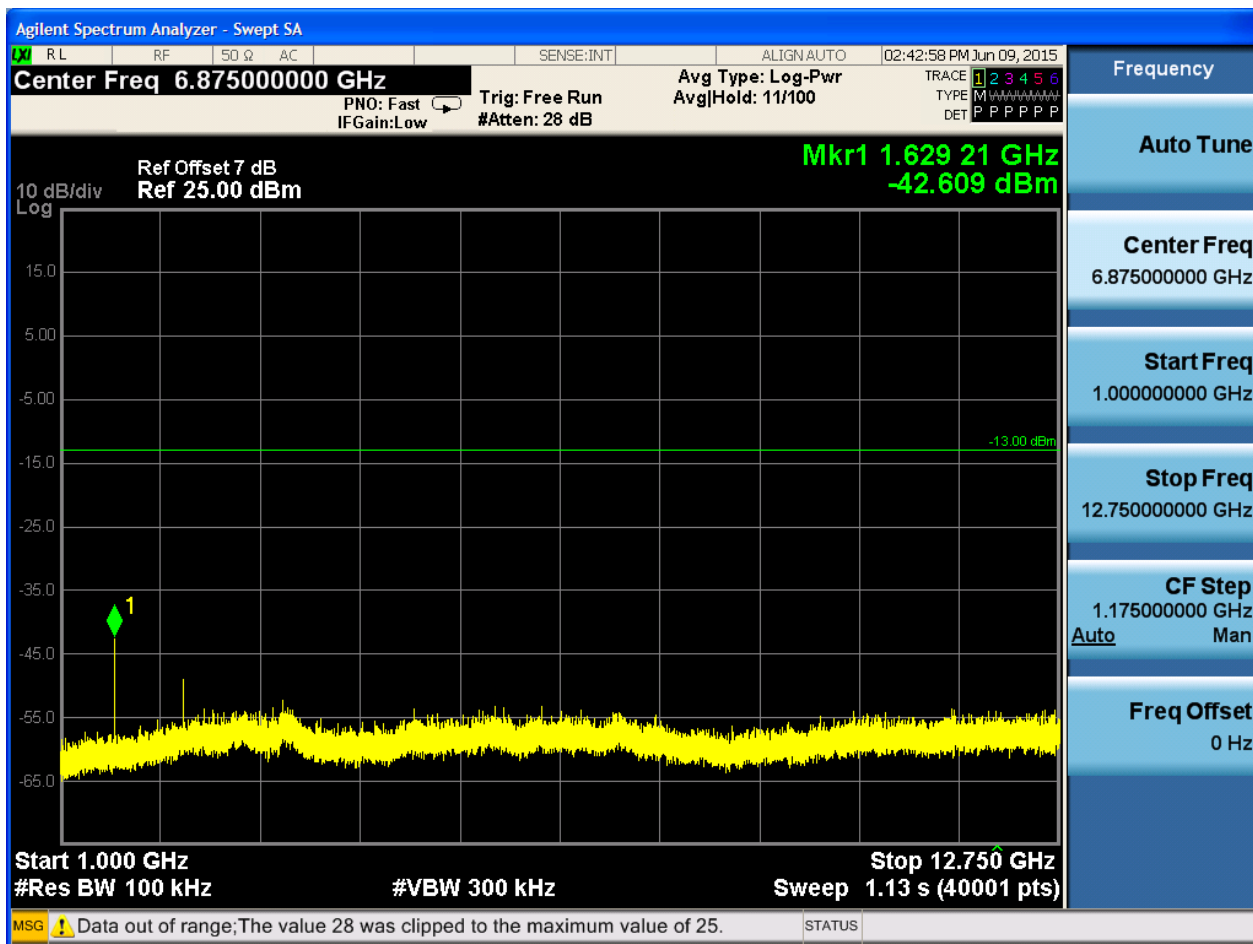
6.1.1.1.4.2 Test Channel = MCH

6.1.1.1.4.2.1 Test RB = RB1#0



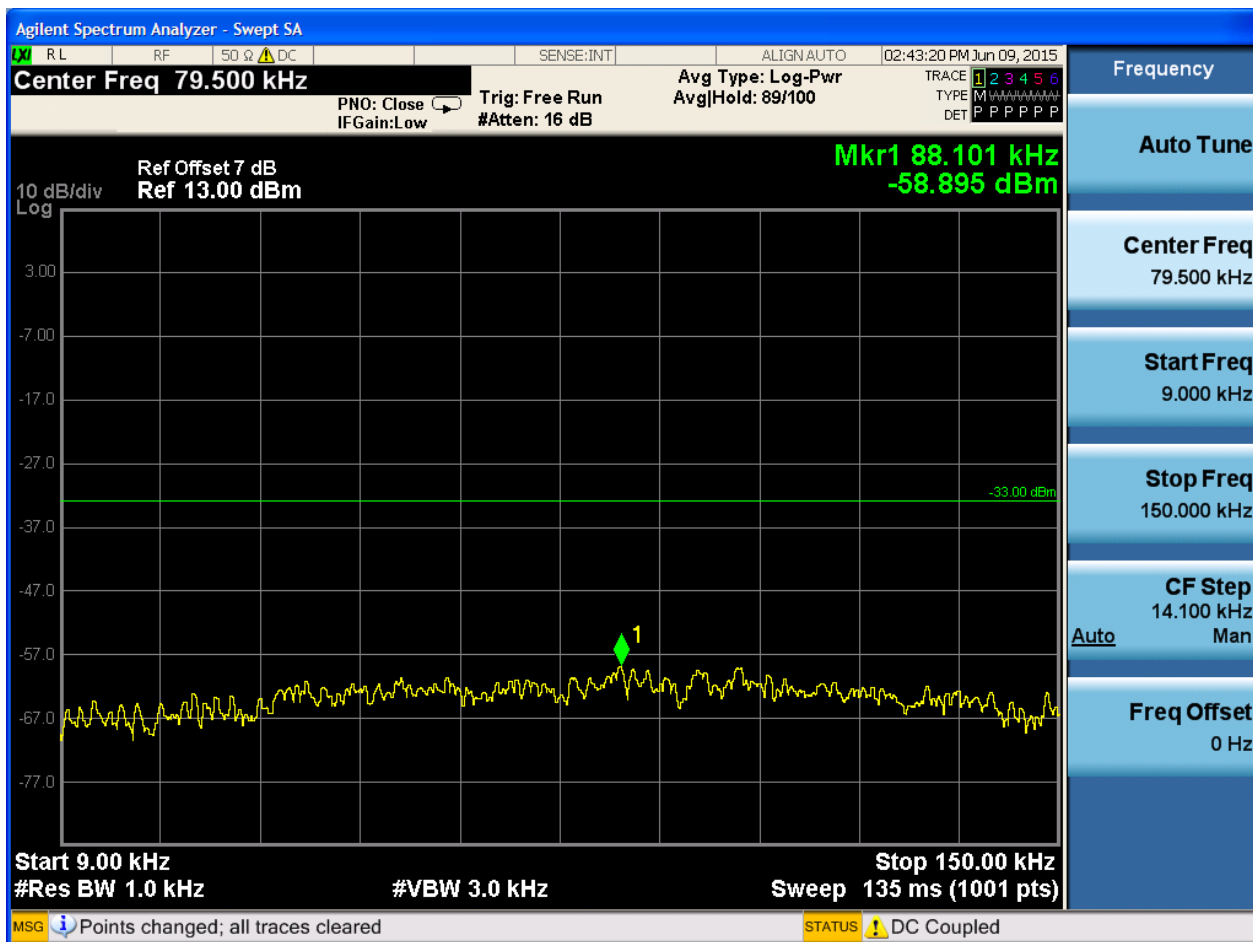




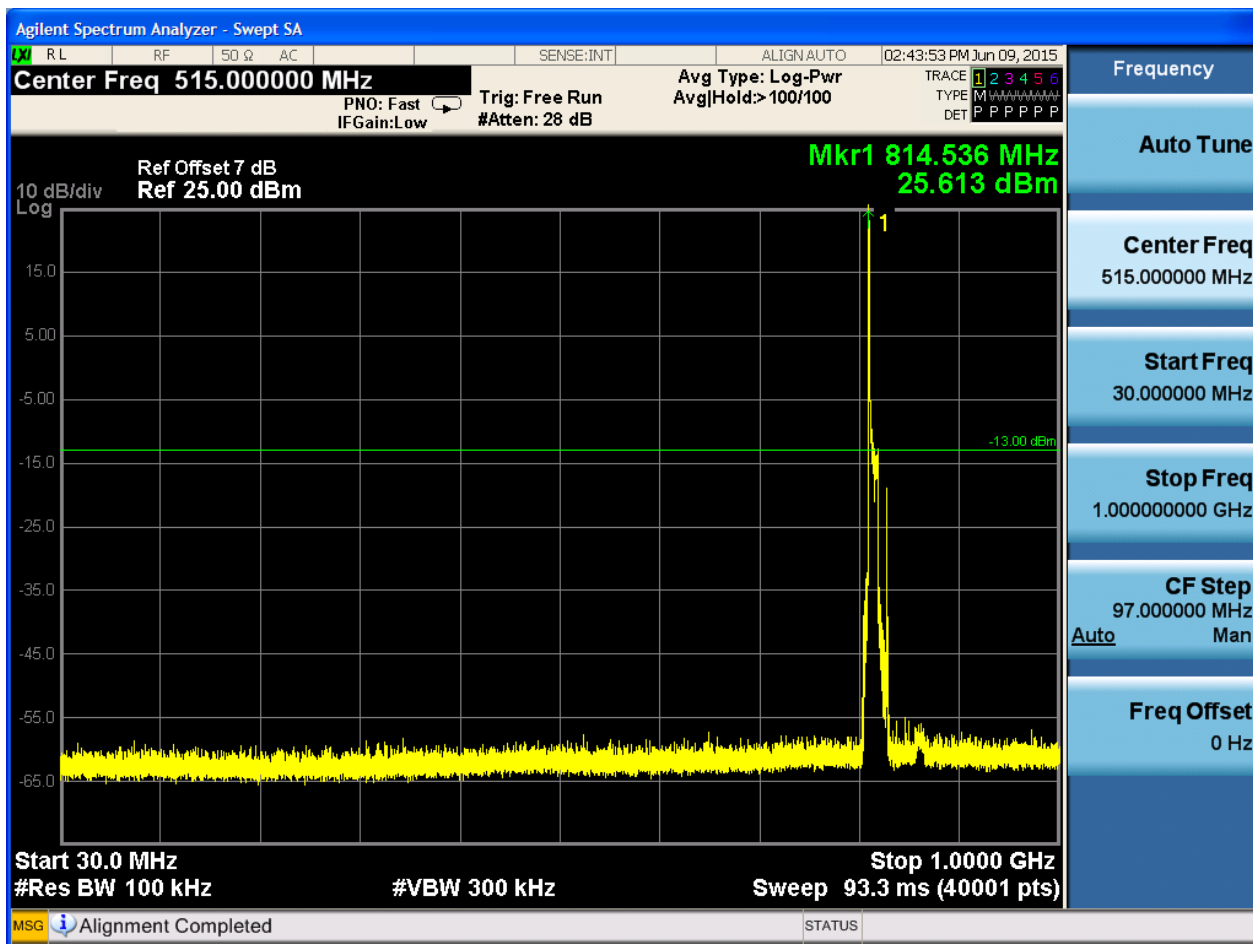


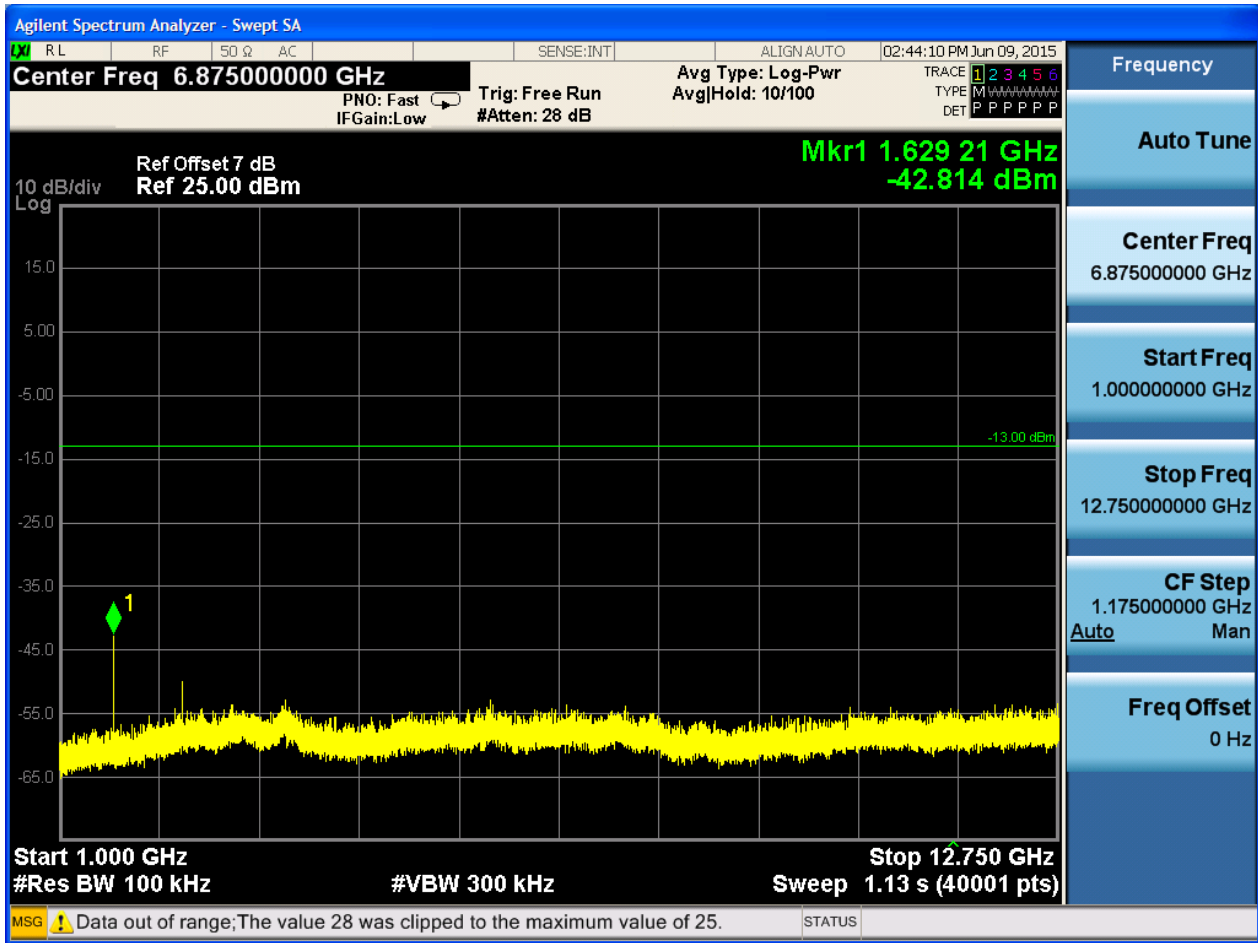
6.1.1.1.4.3 Test Channel = HCH

6.1.1.1.4.3.1 Test RB = RB1#0







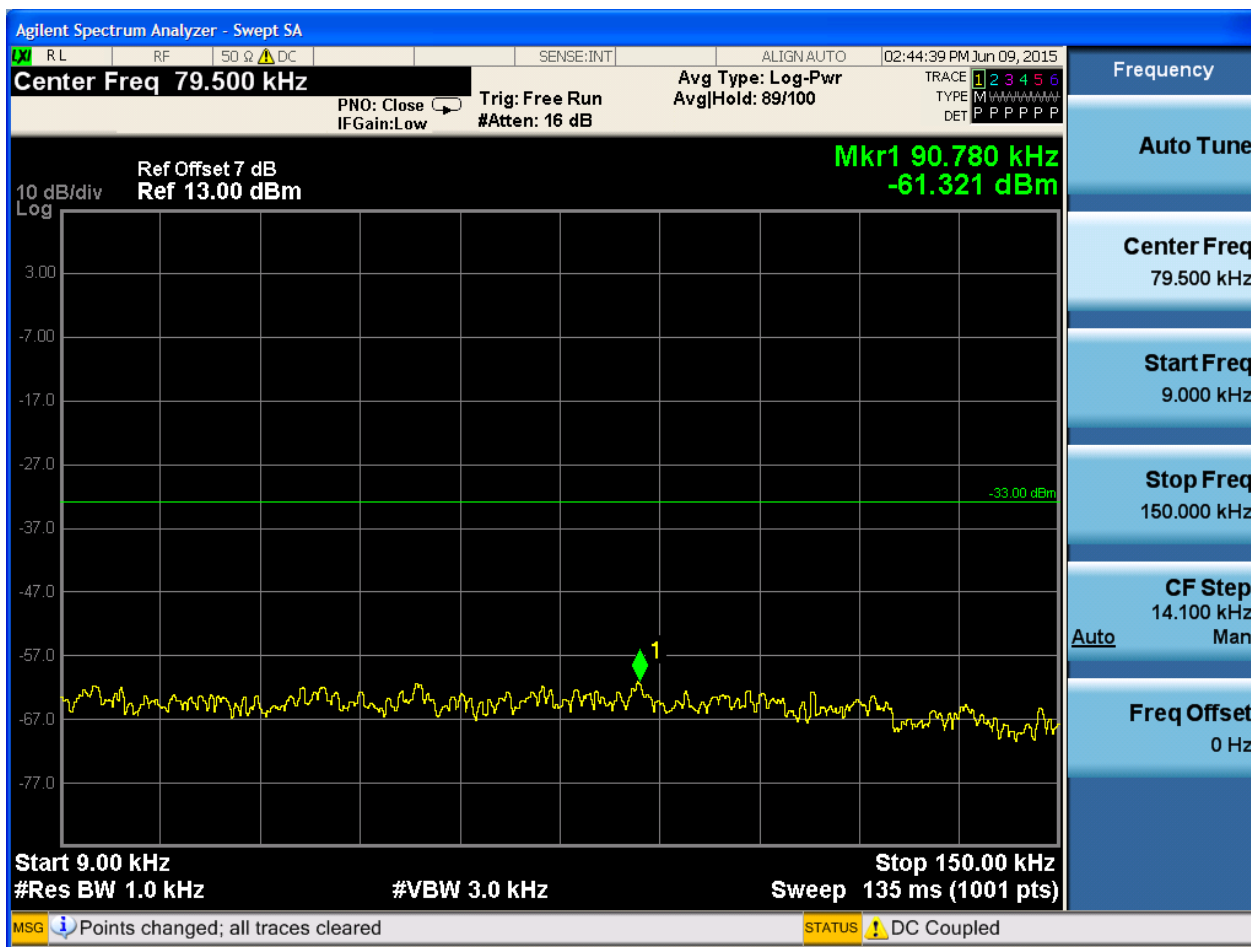


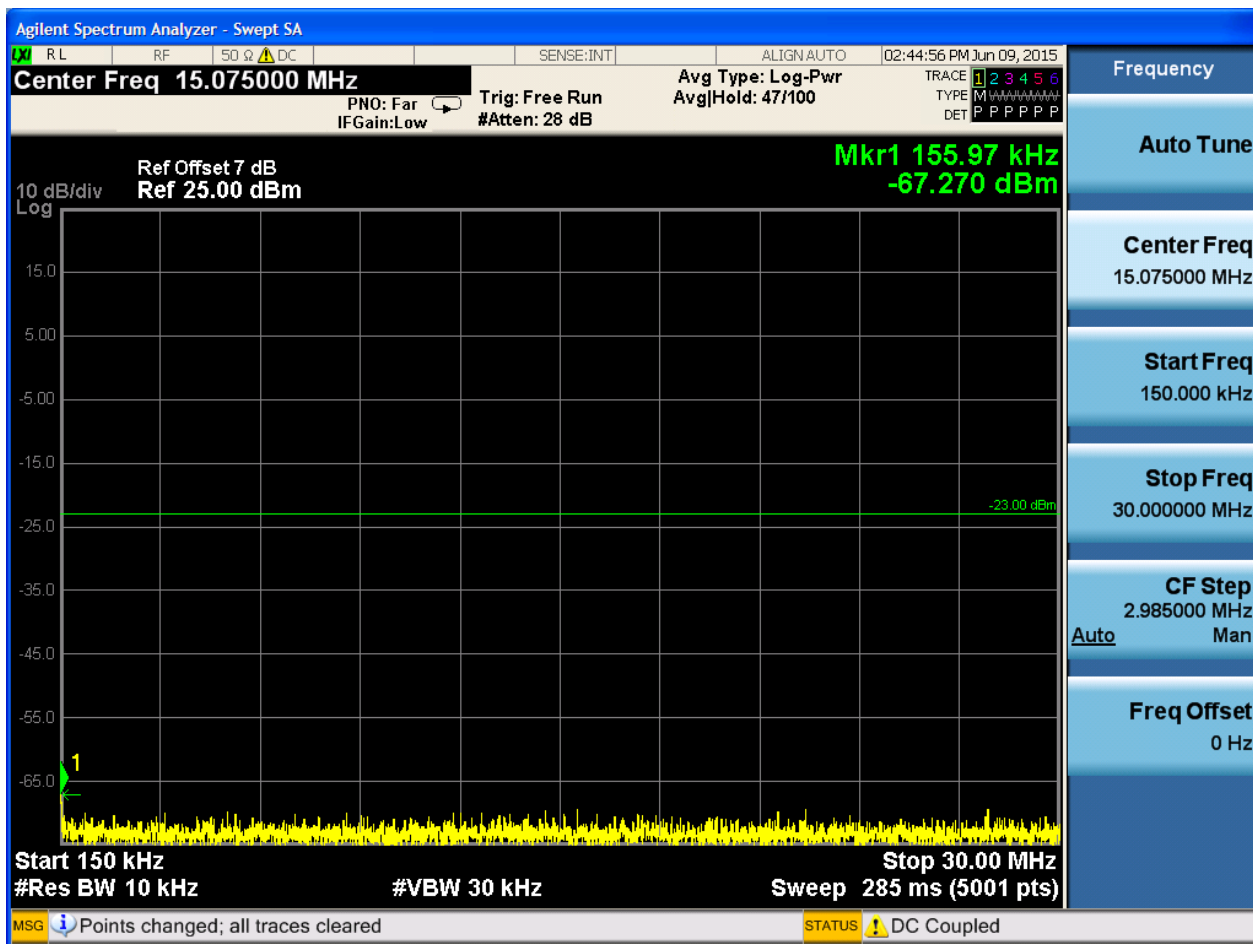
6.1.1.2 Test Mode = LTE/TM2

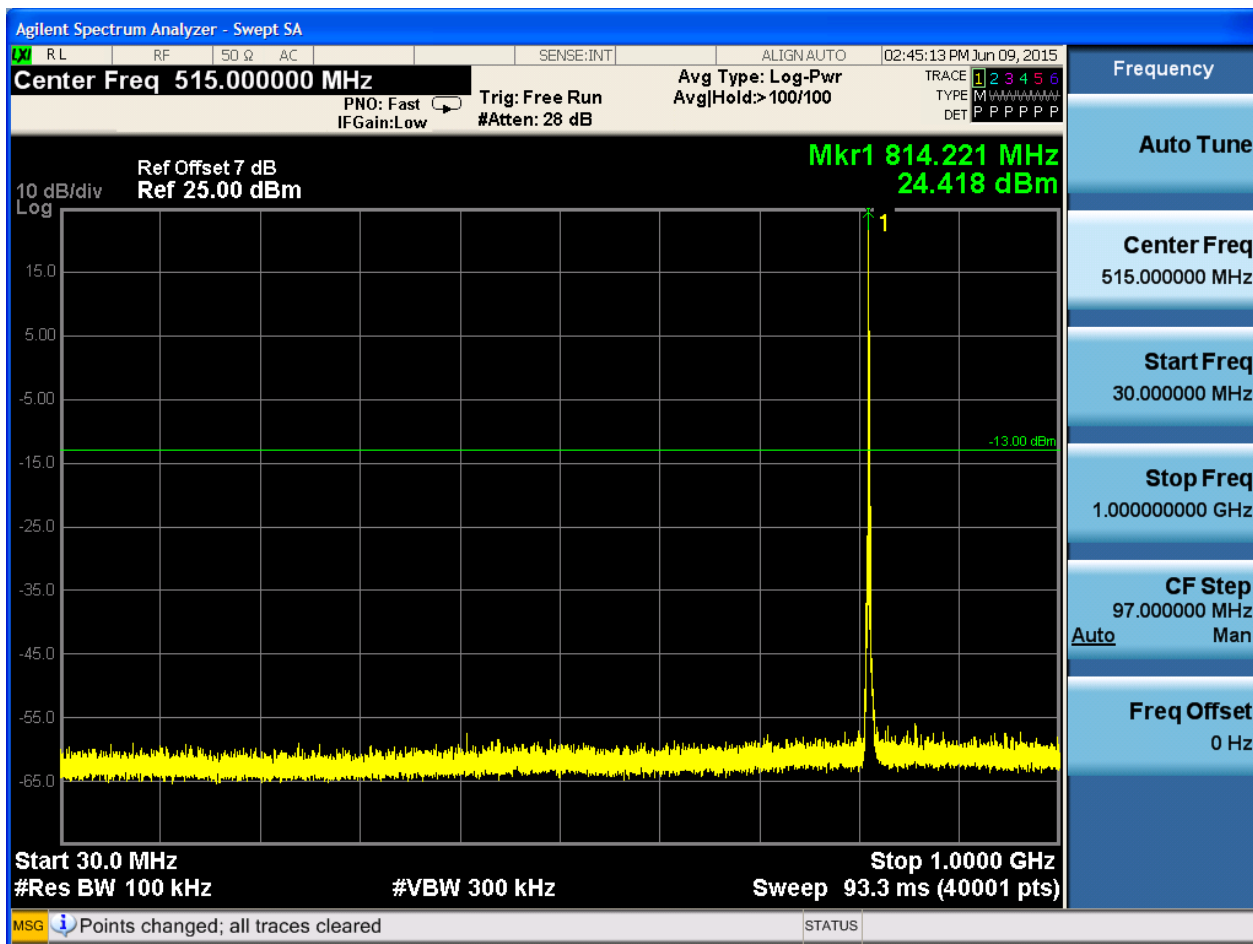
6.1.1.2.1 Test Bandwidth = 1.4

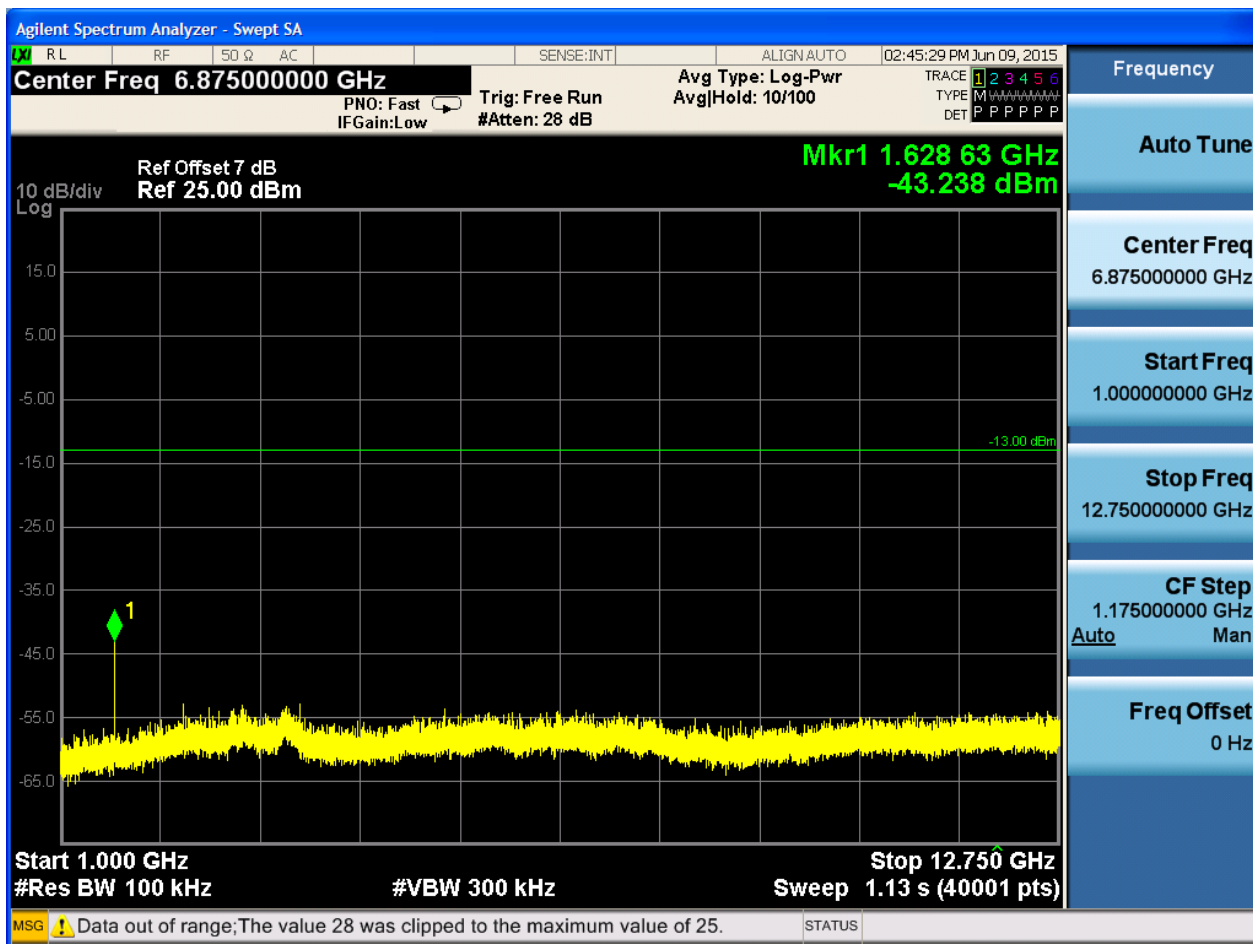
6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0



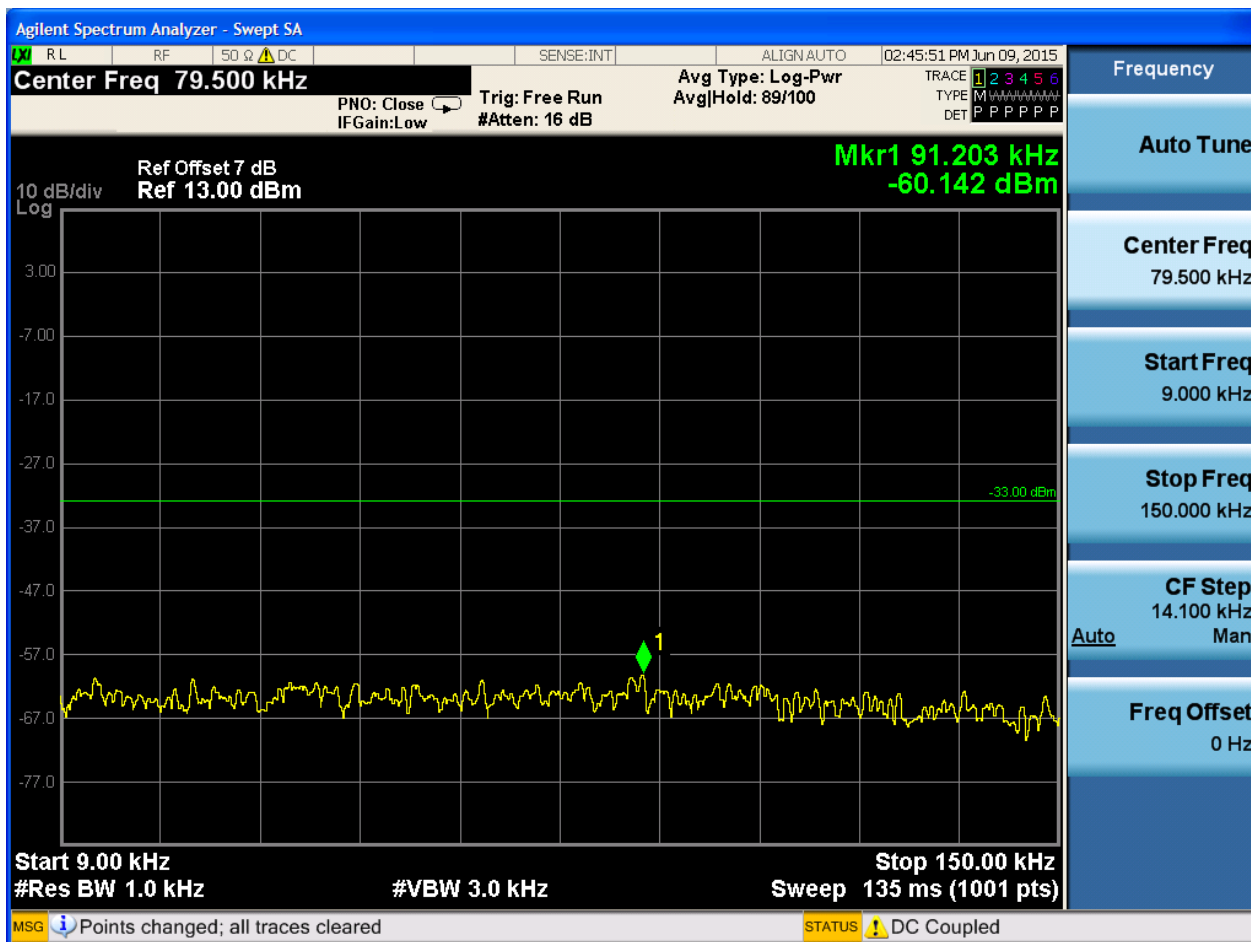




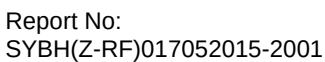
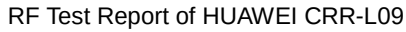


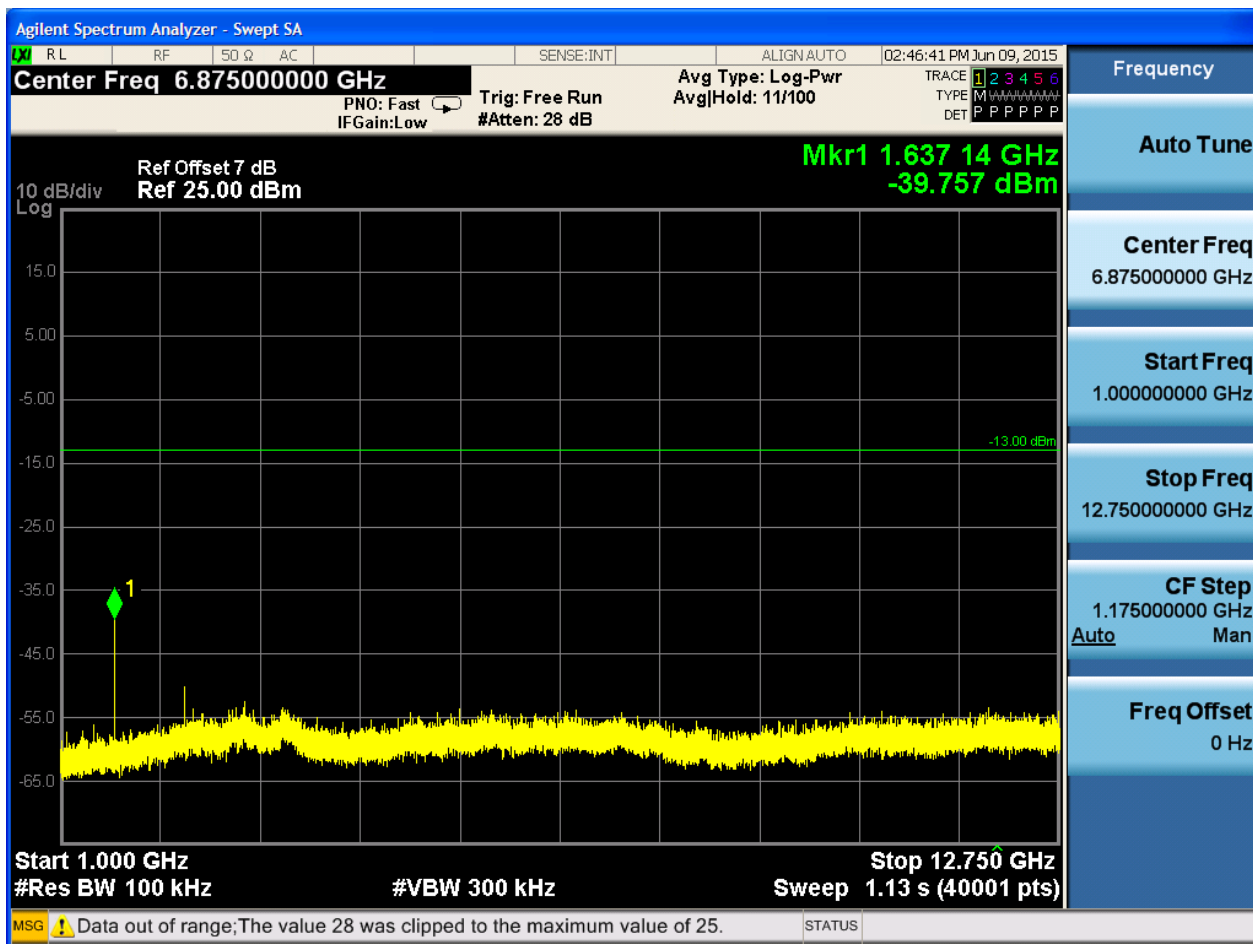
6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0



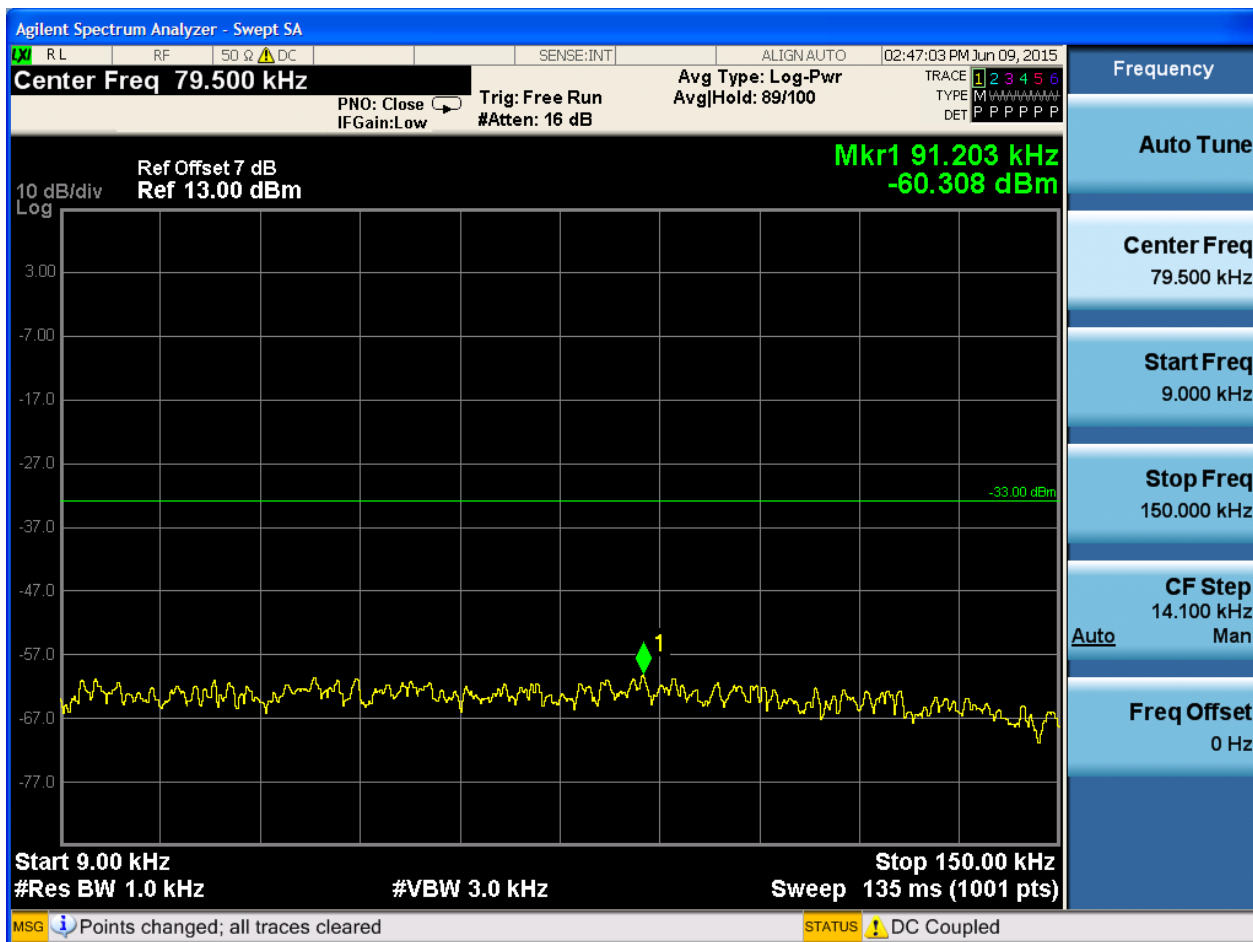




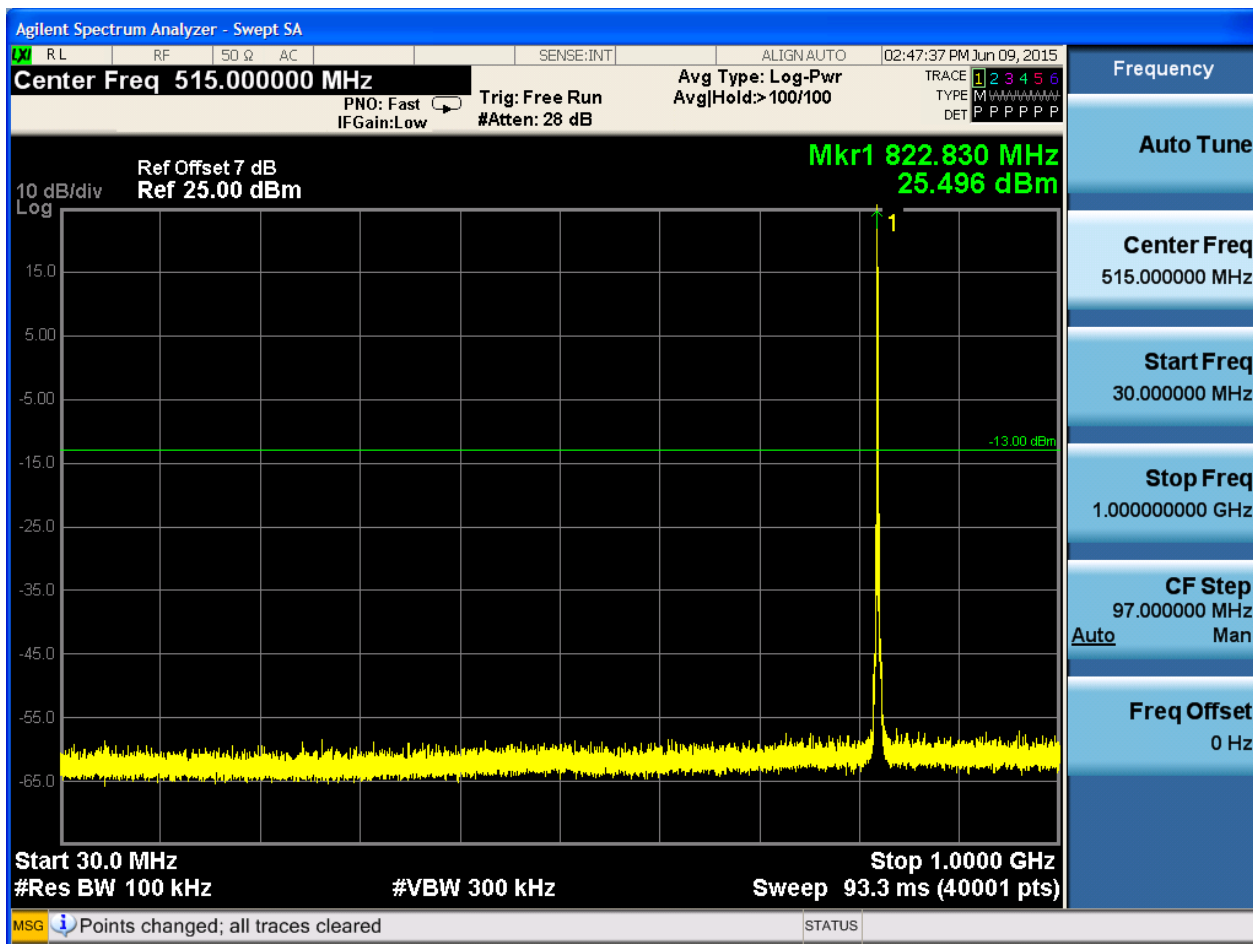


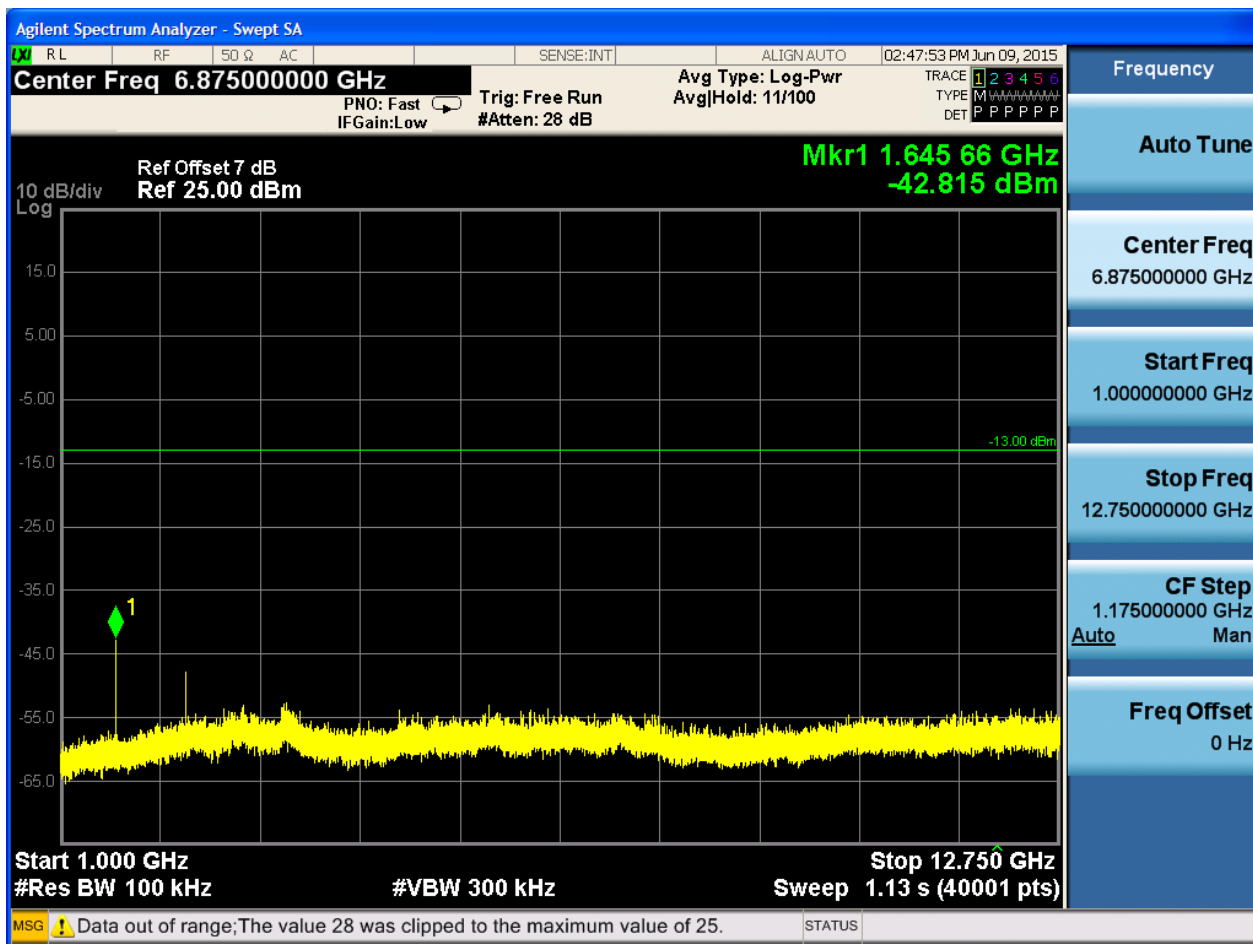
6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0







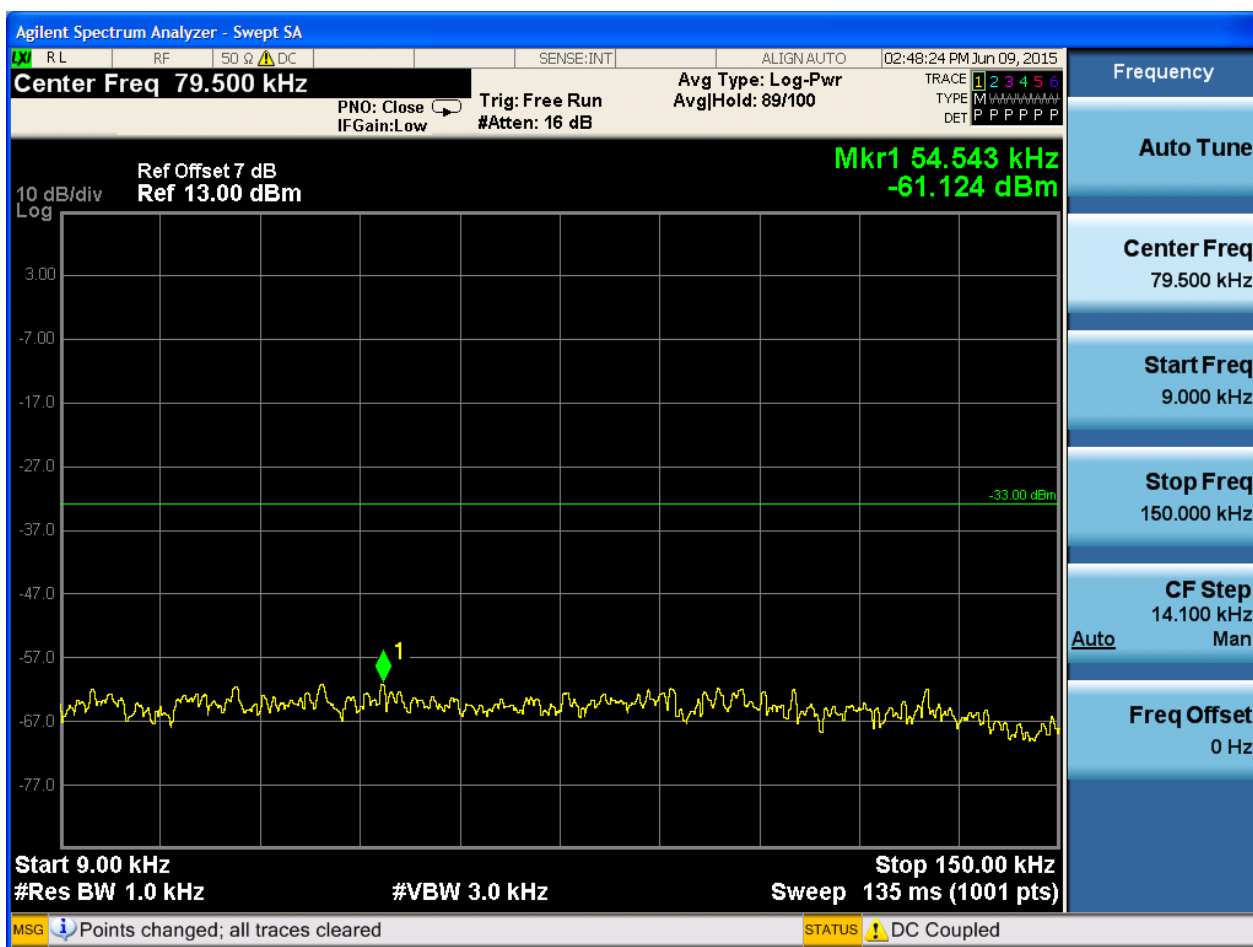




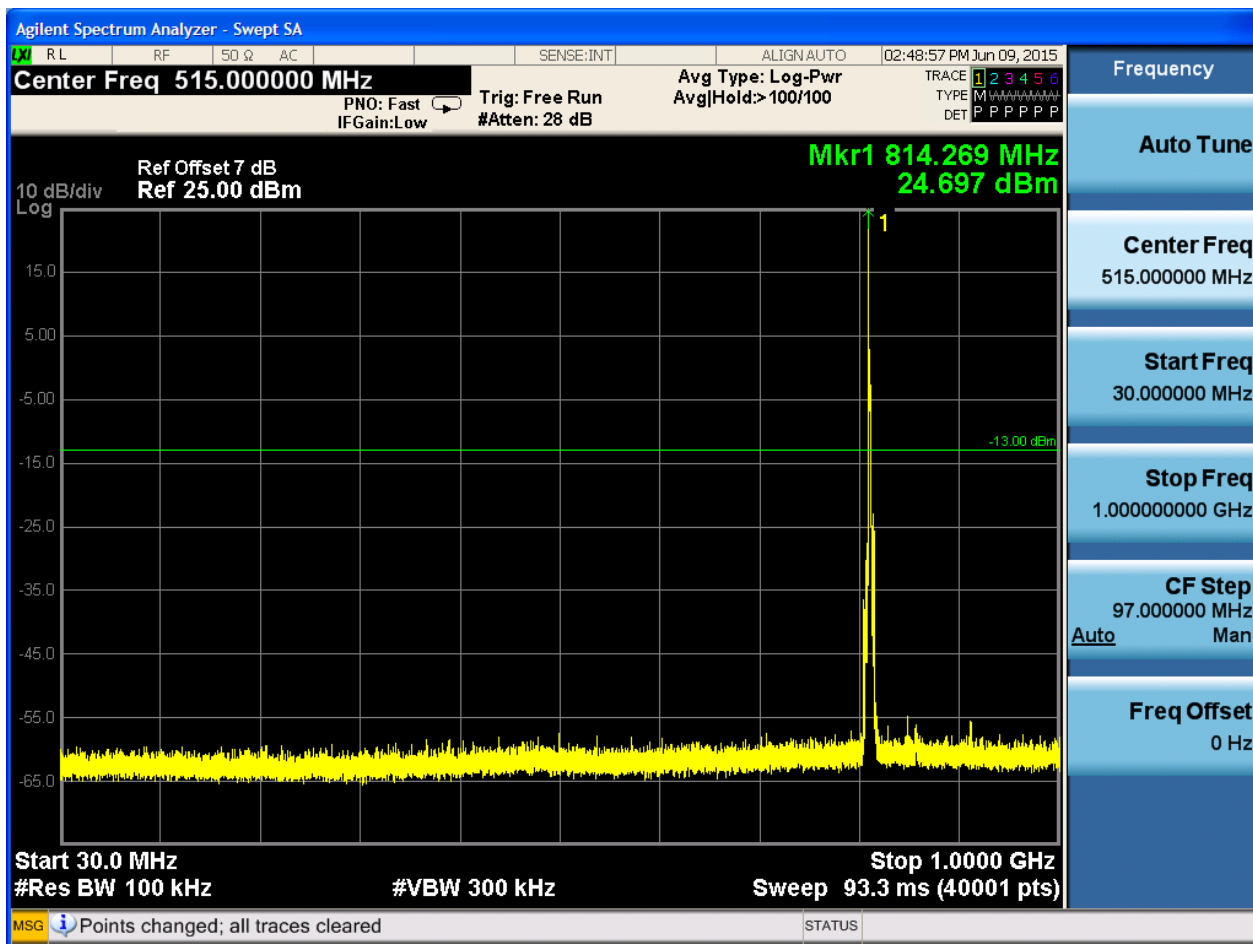
6.1.1.2.2 Test Bandwidth = 3

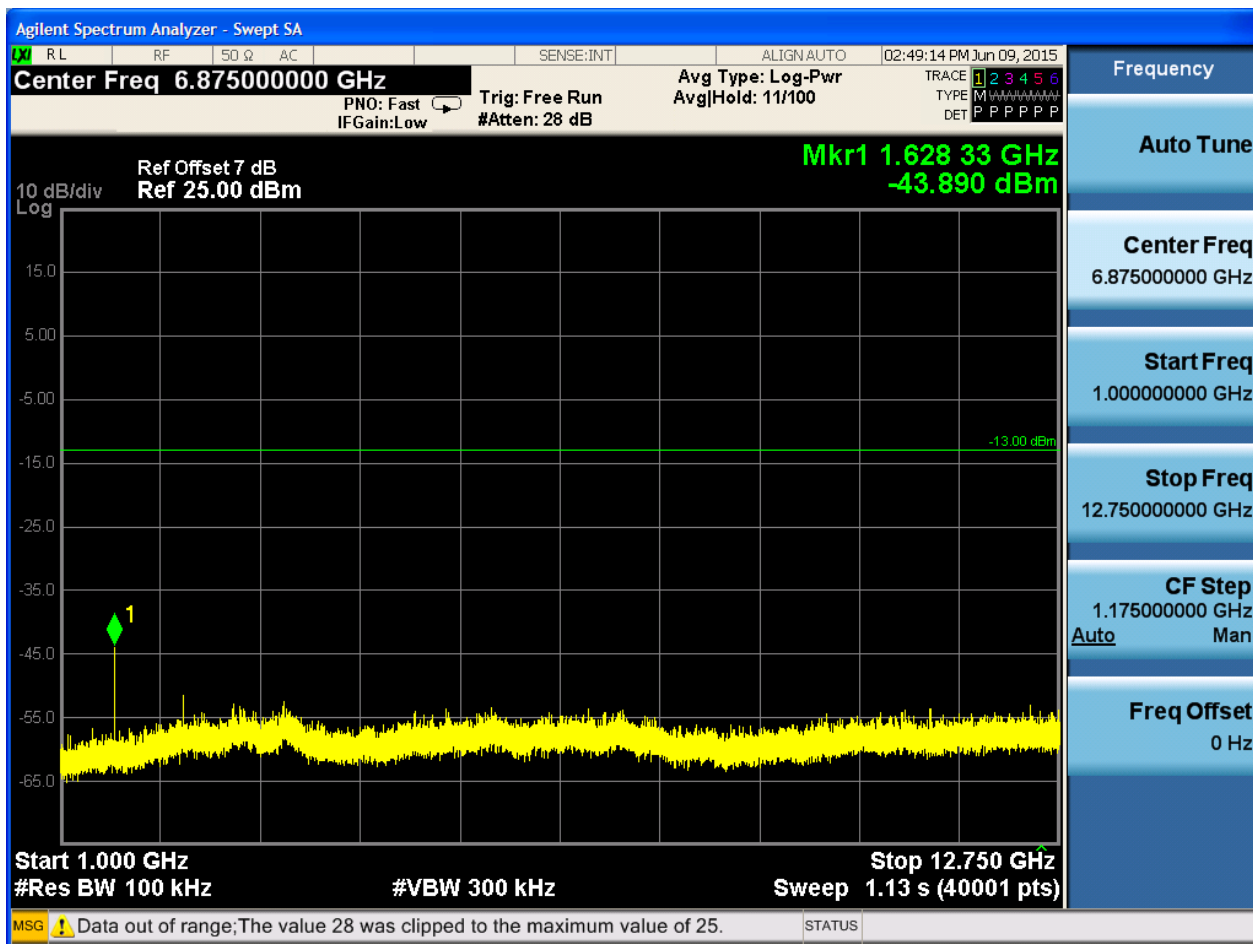
6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0





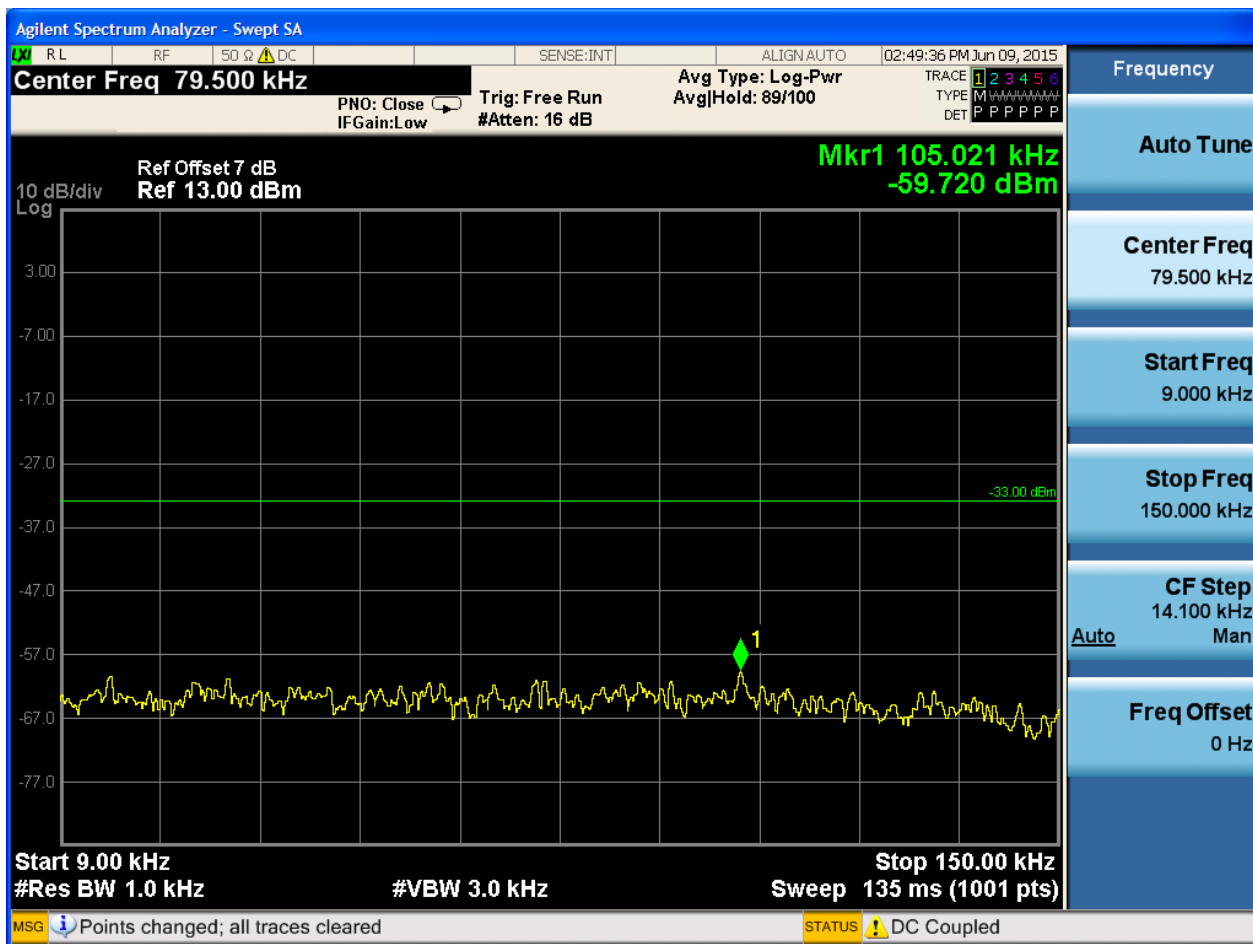


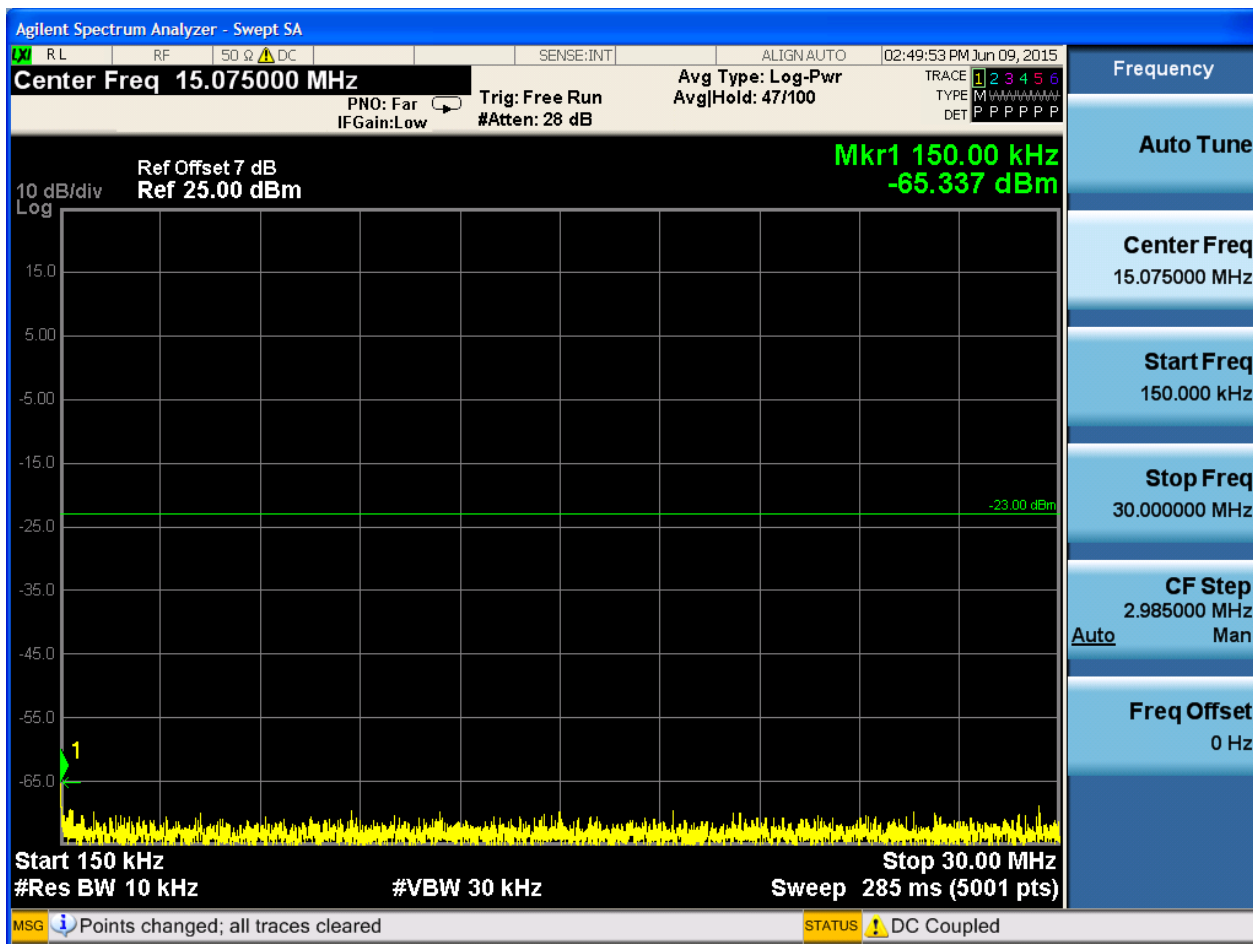


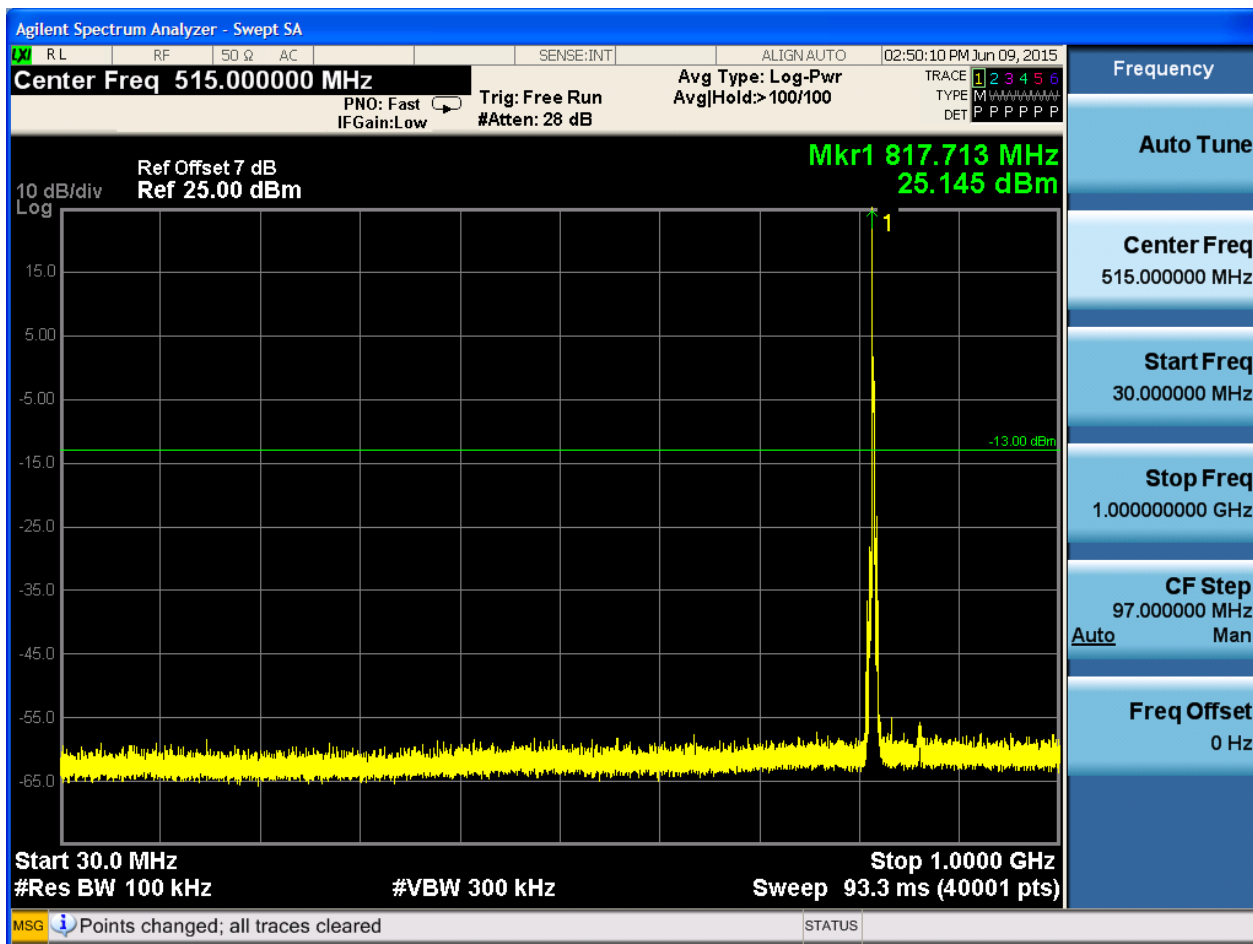


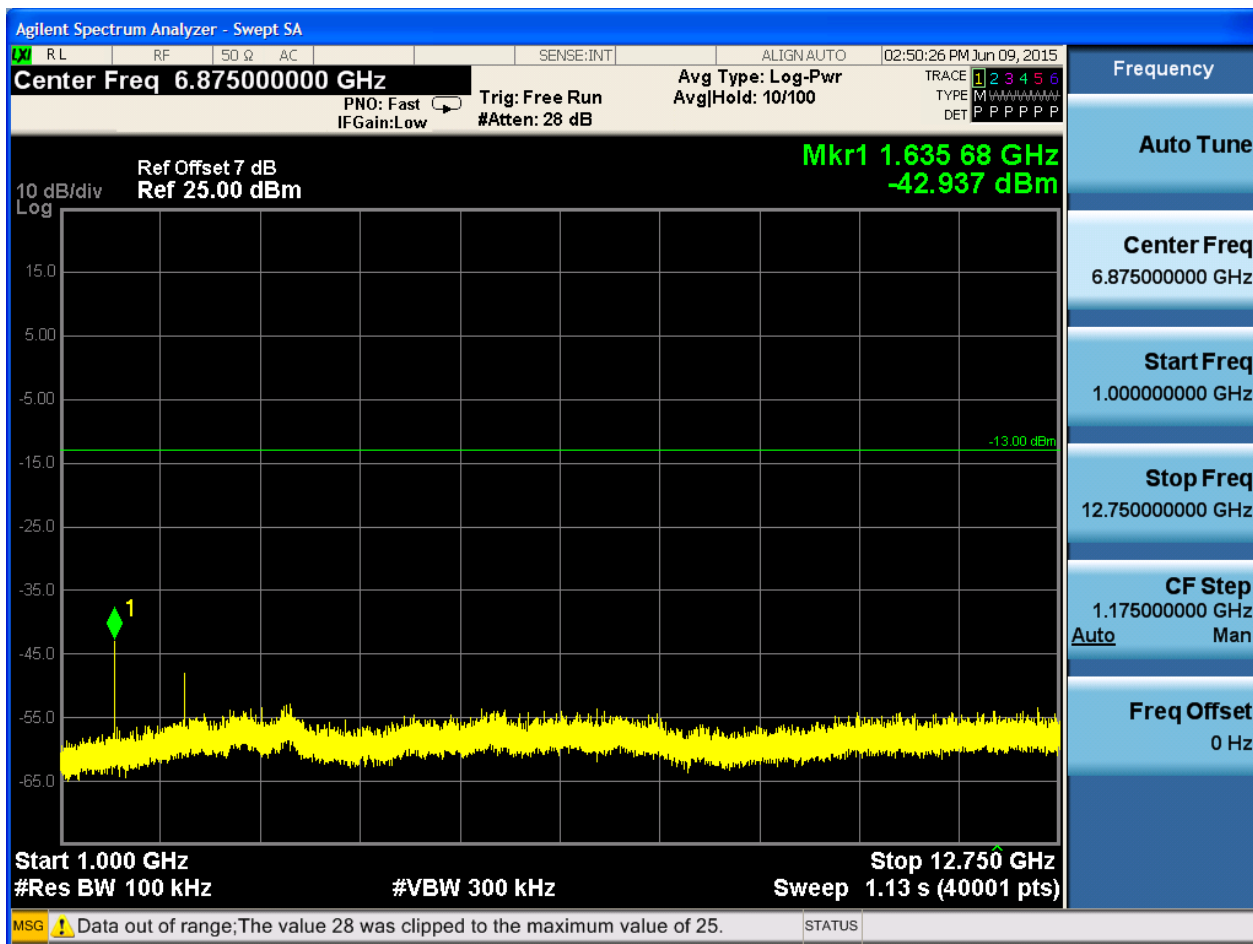
6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0



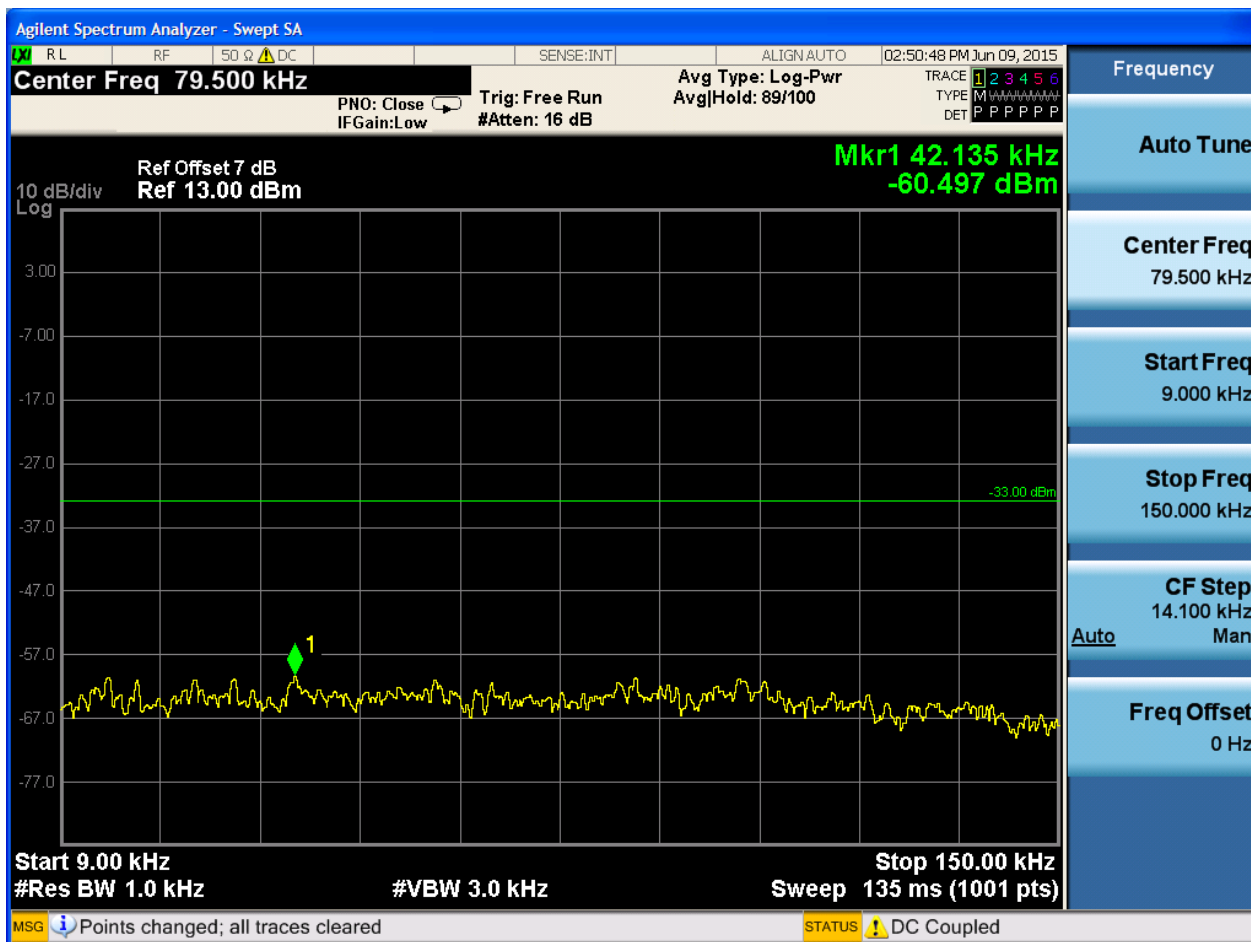




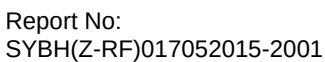
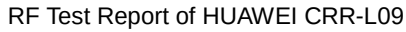


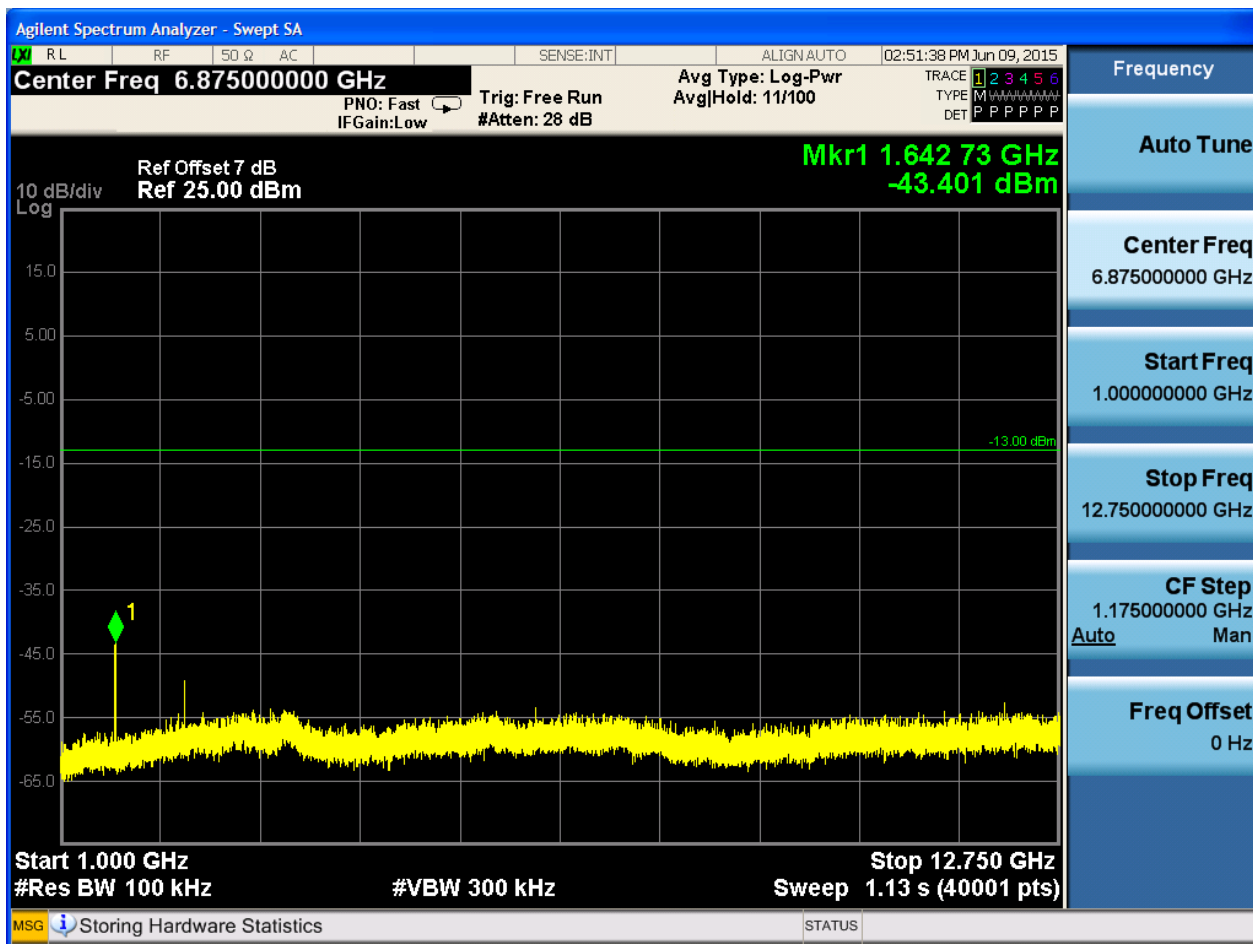
6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0





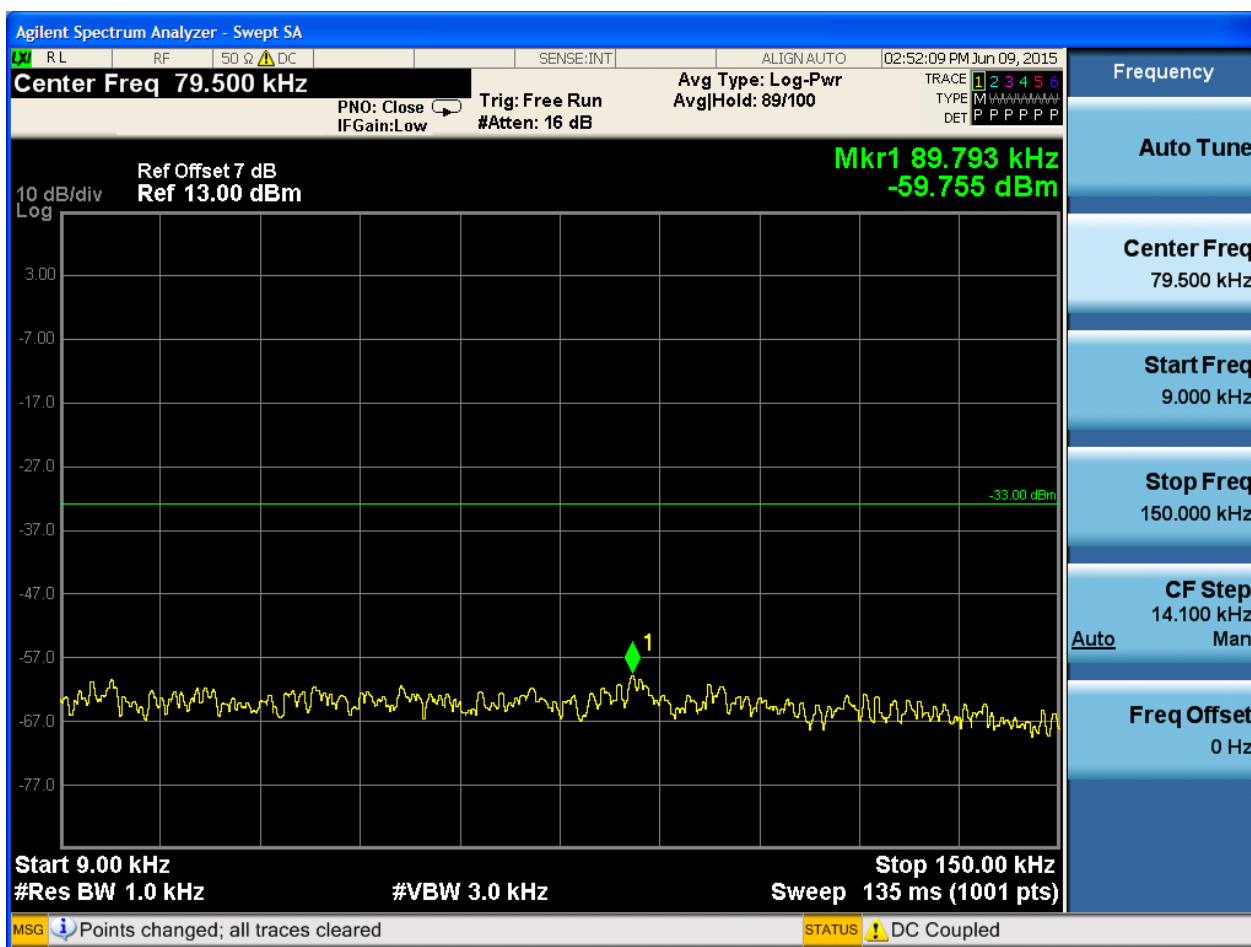


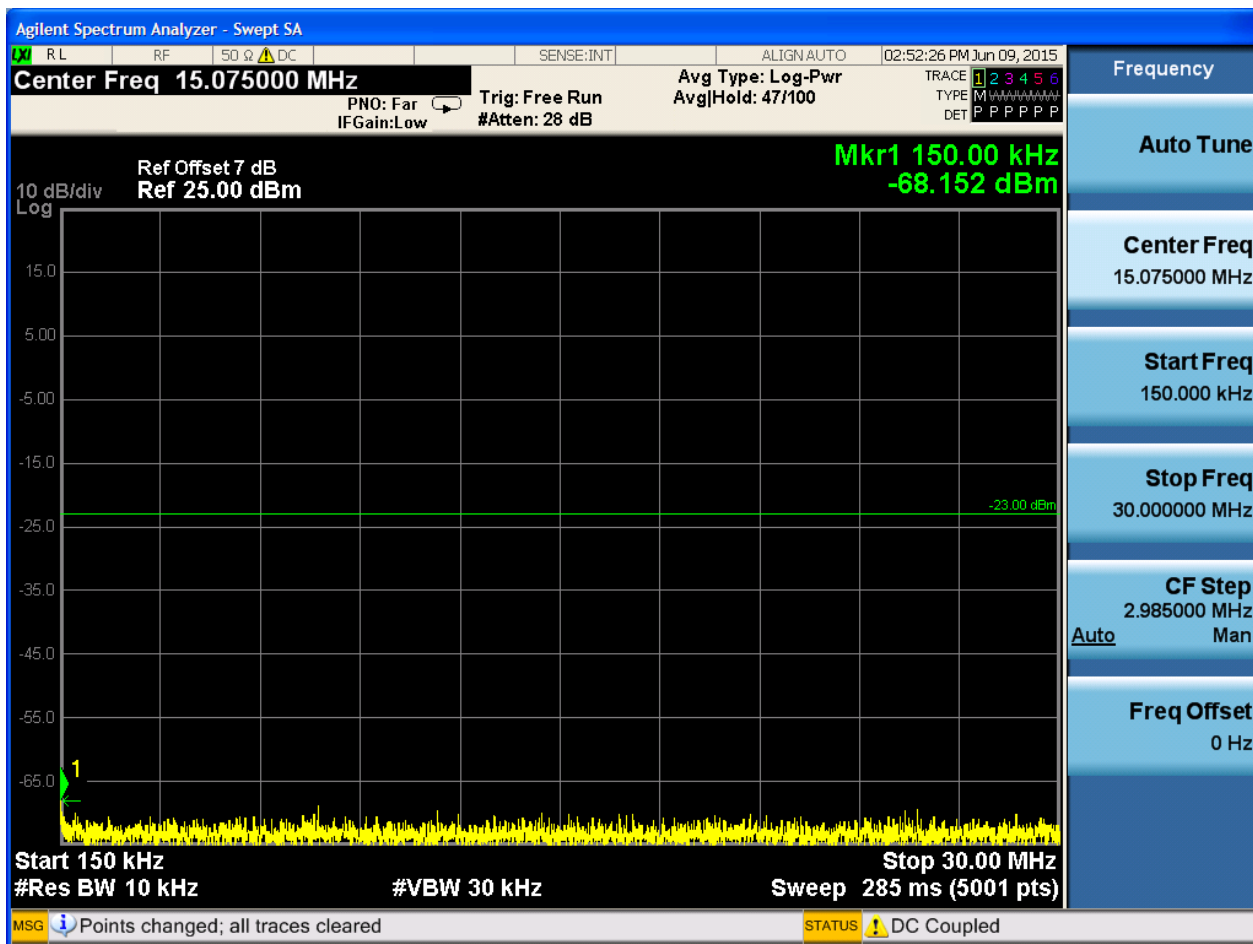


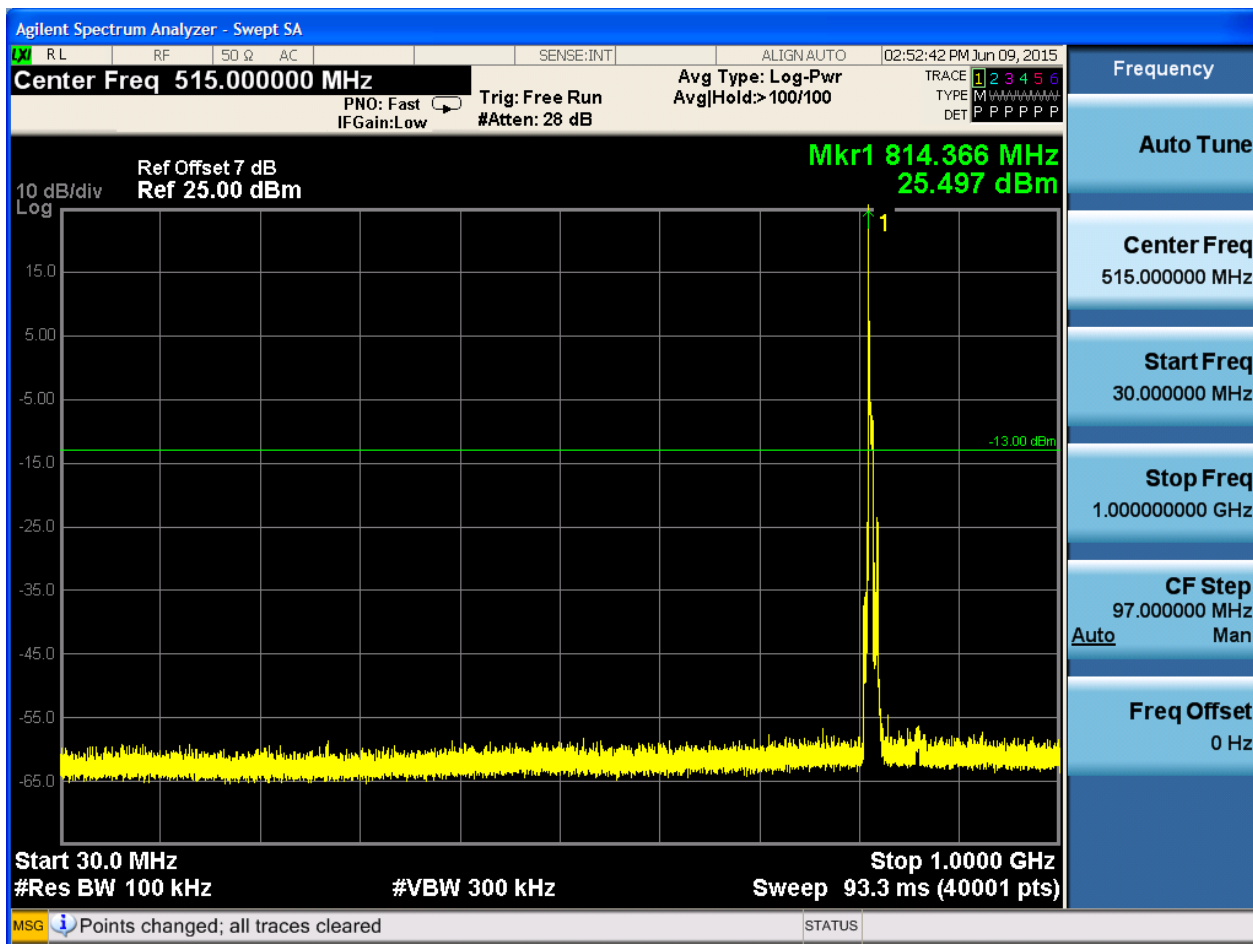
6.1.1.2.3 Test Bandwidth = 5

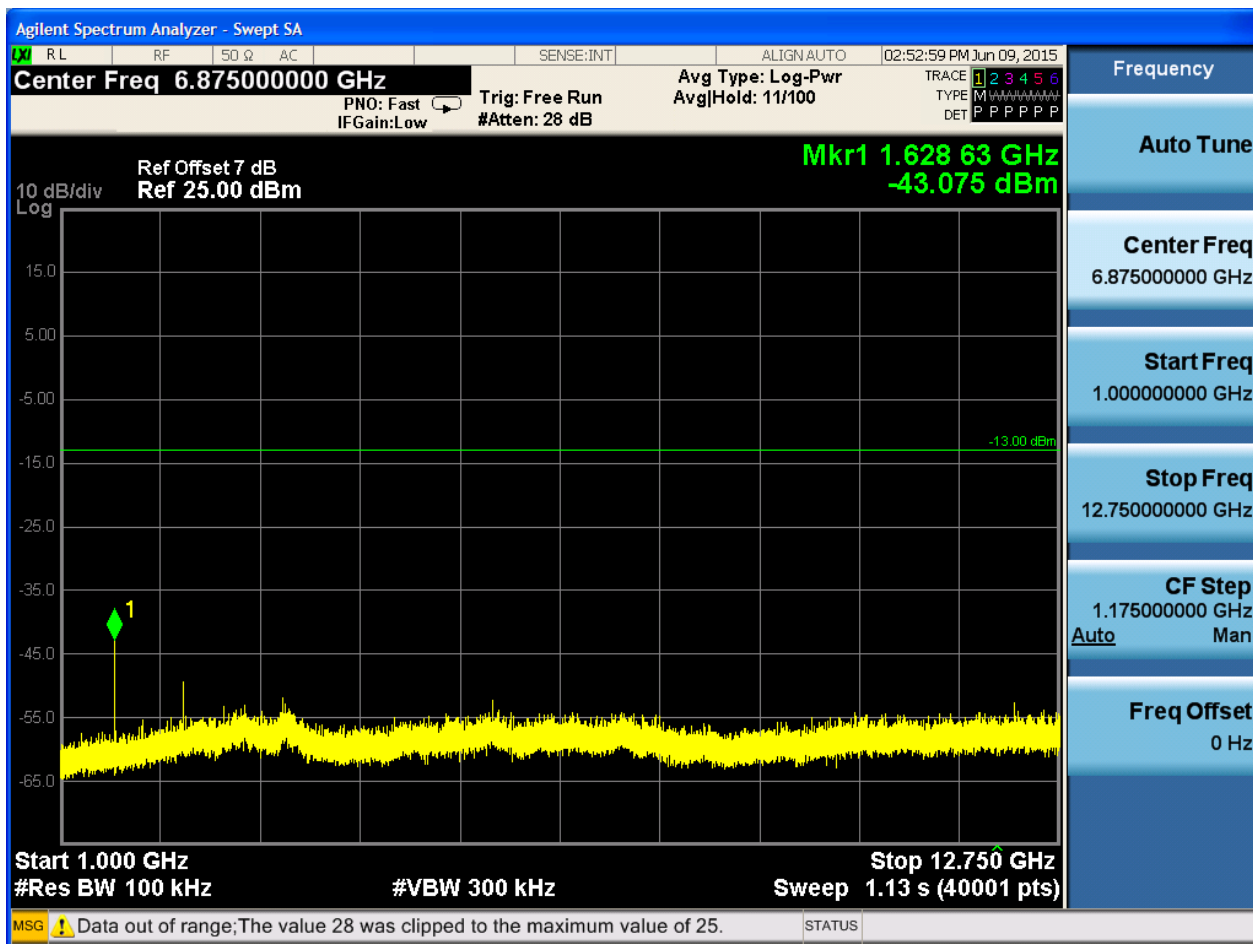
6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0



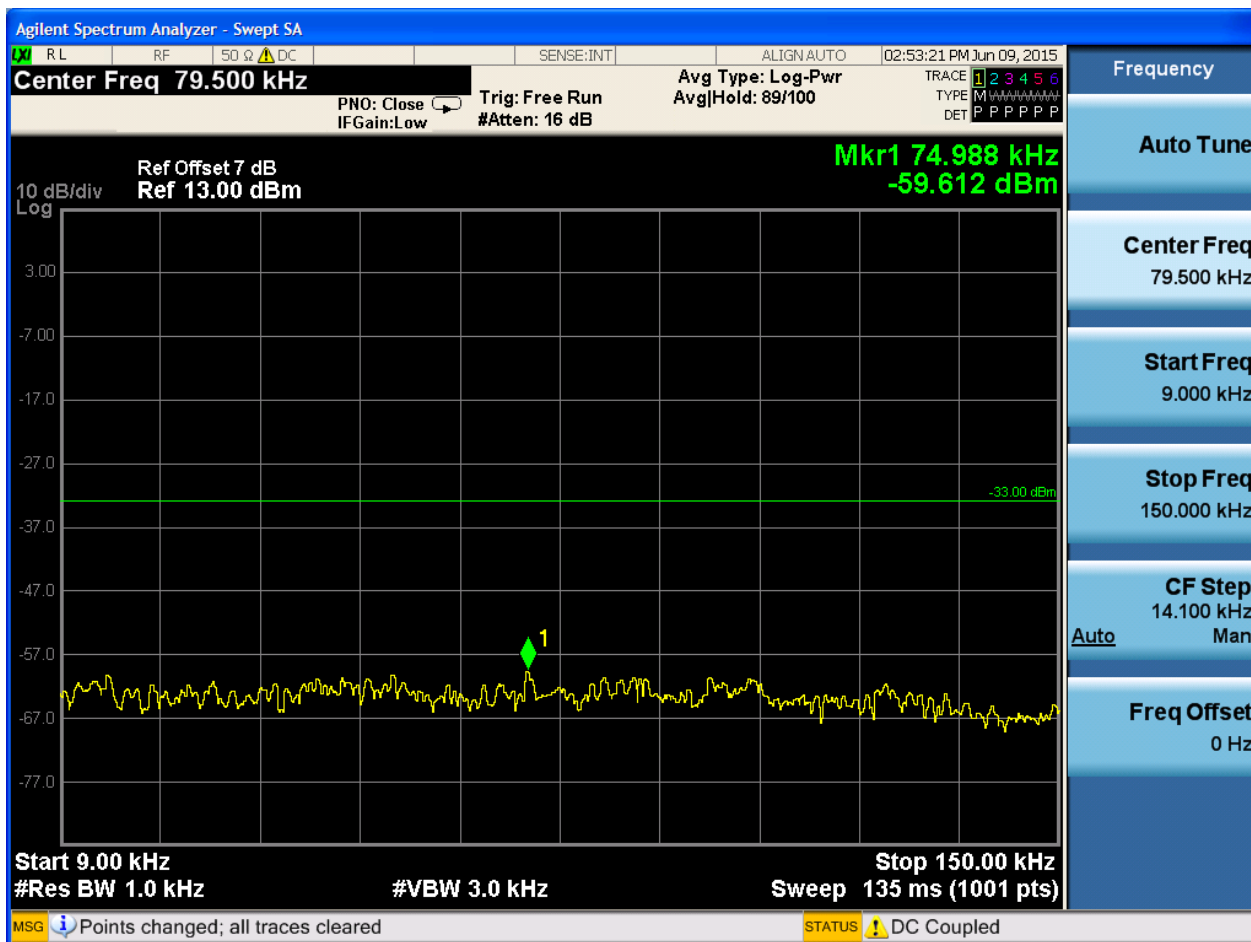


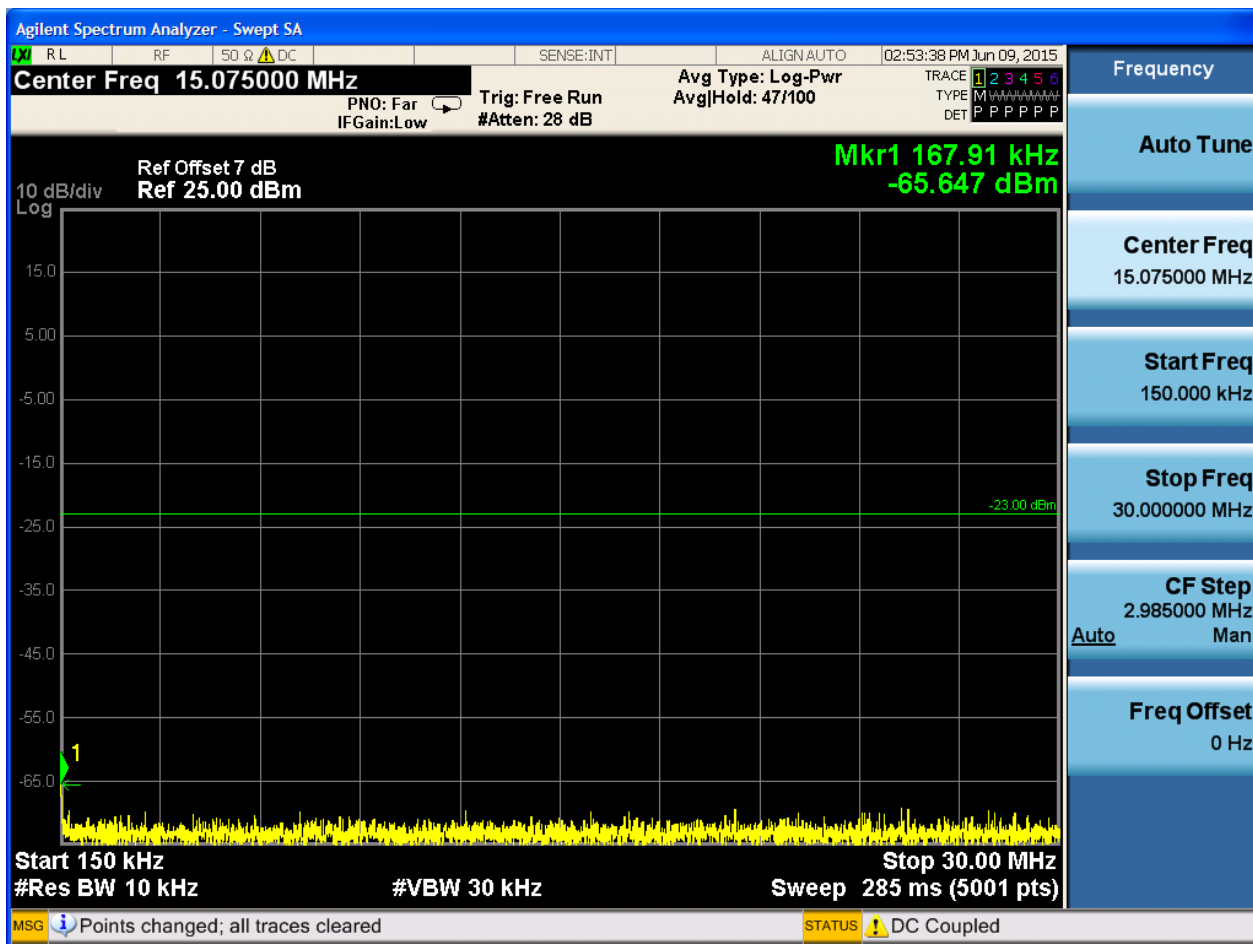


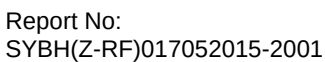
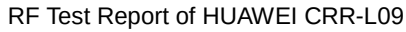


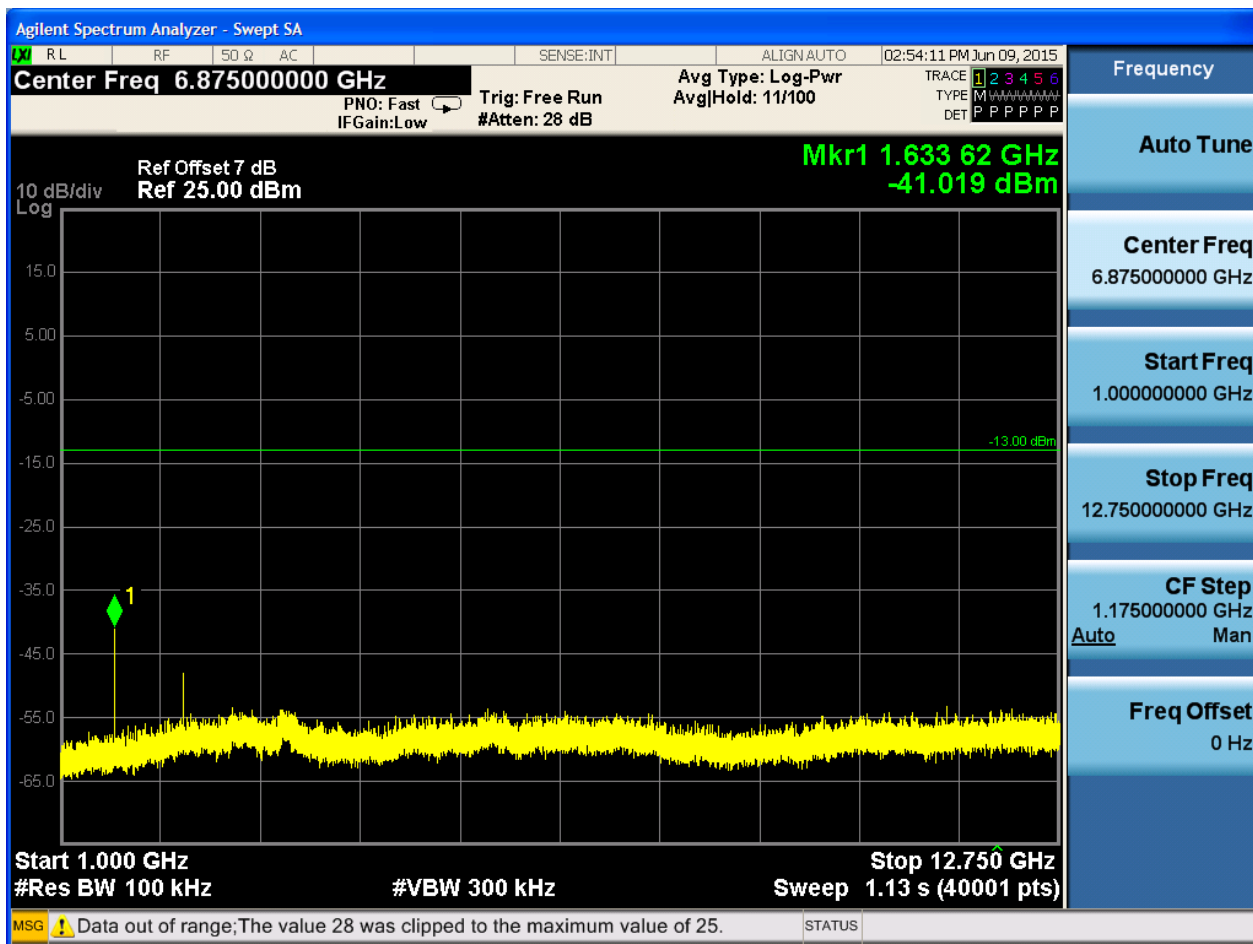
6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0





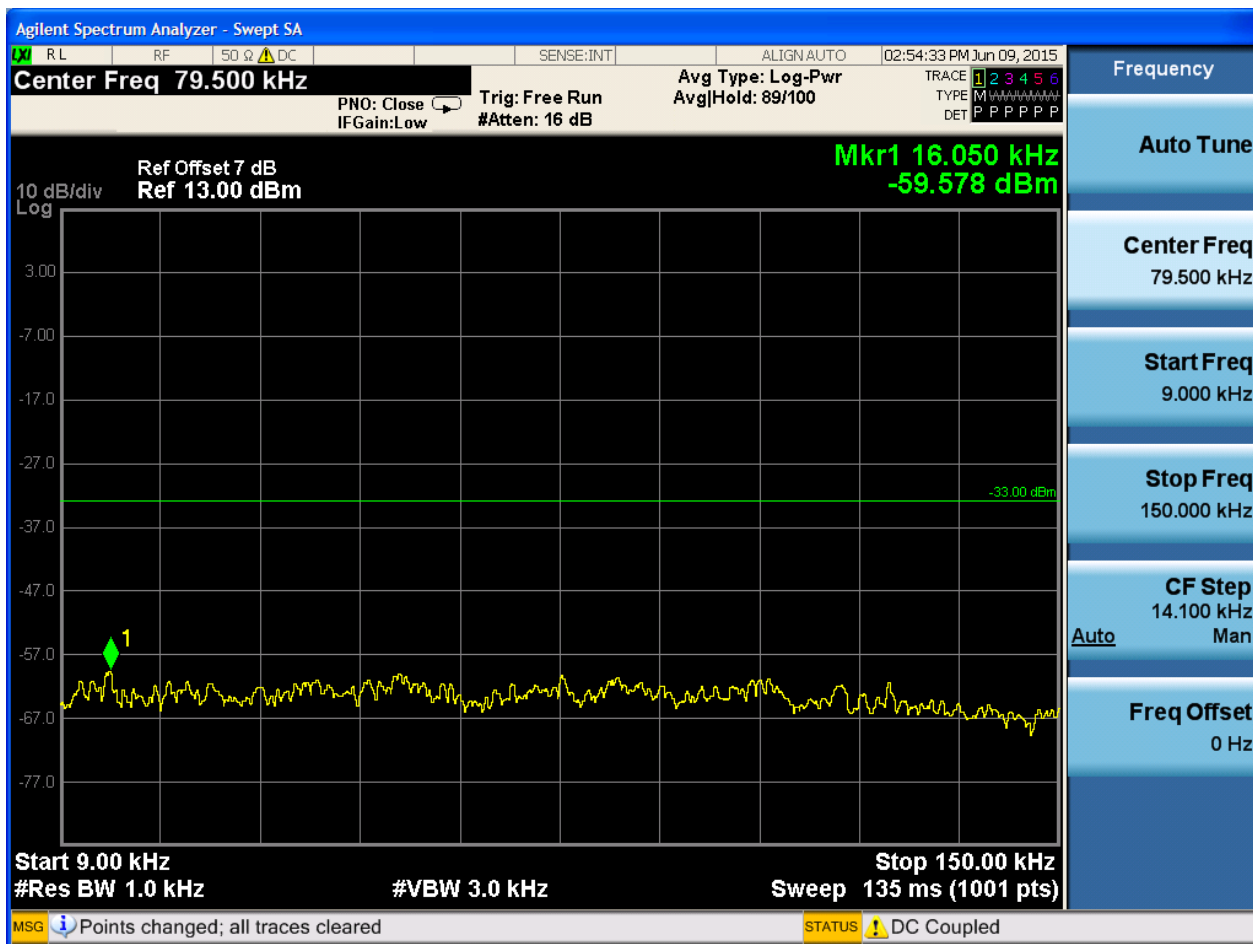


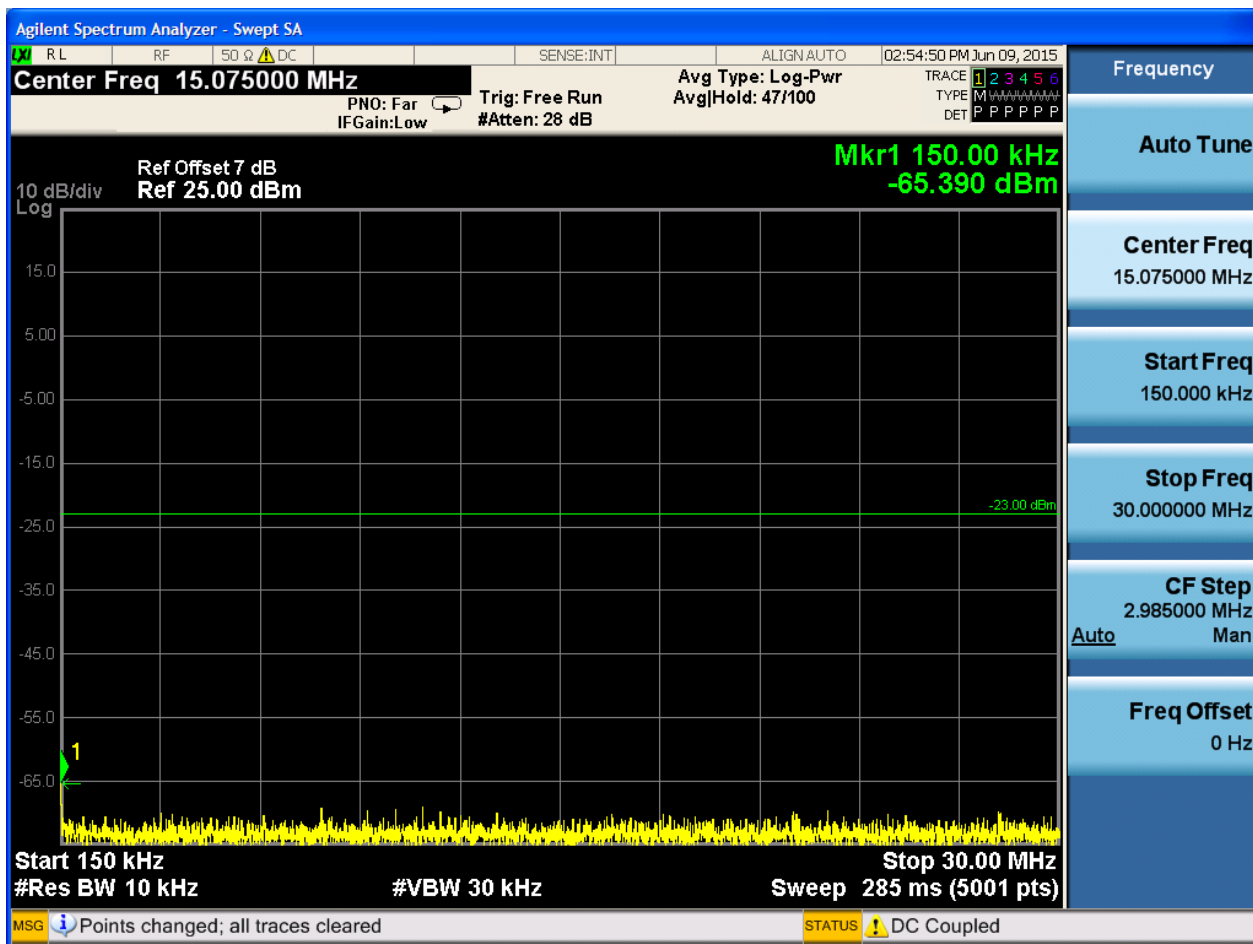


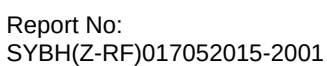
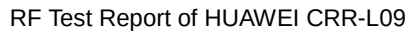


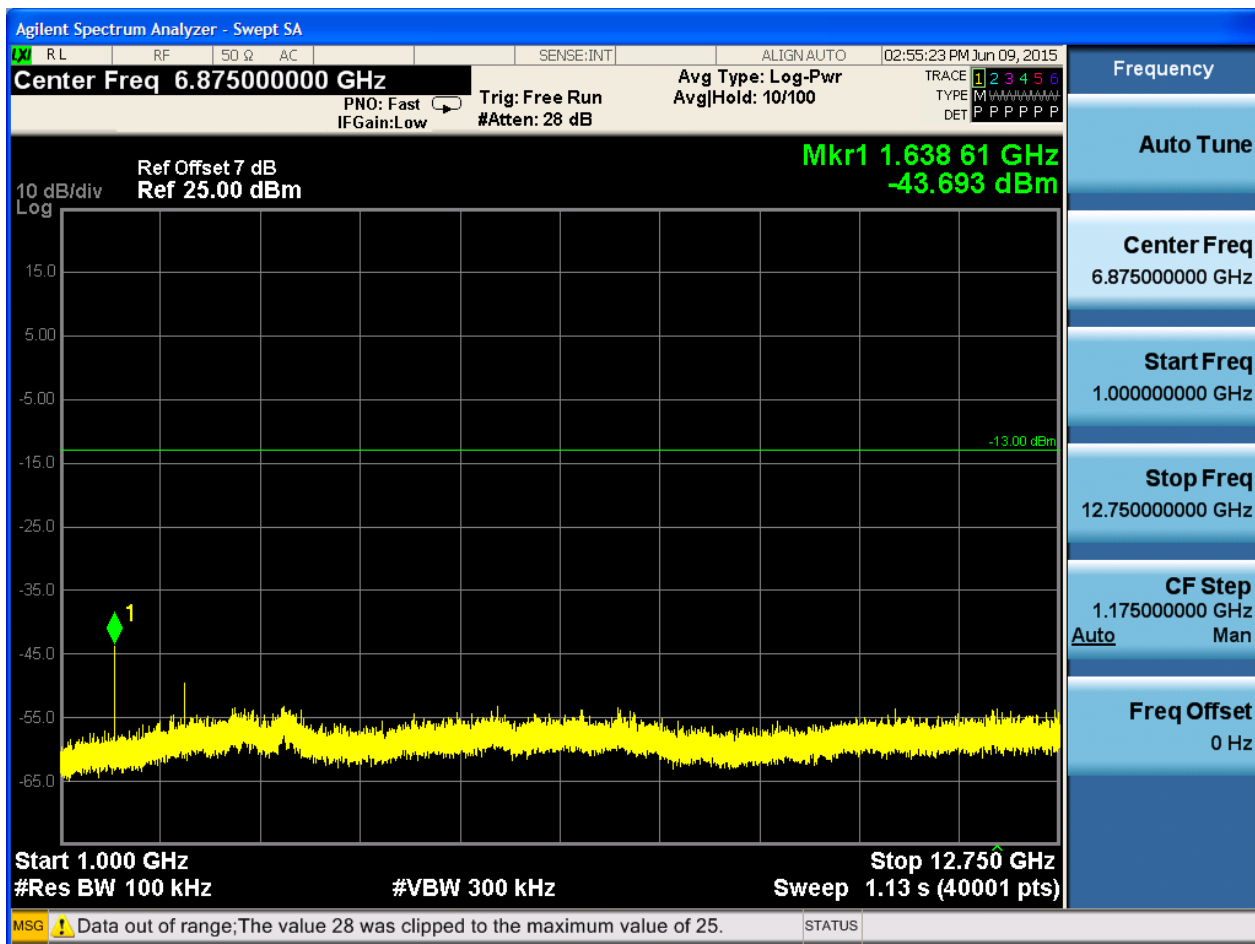
6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0







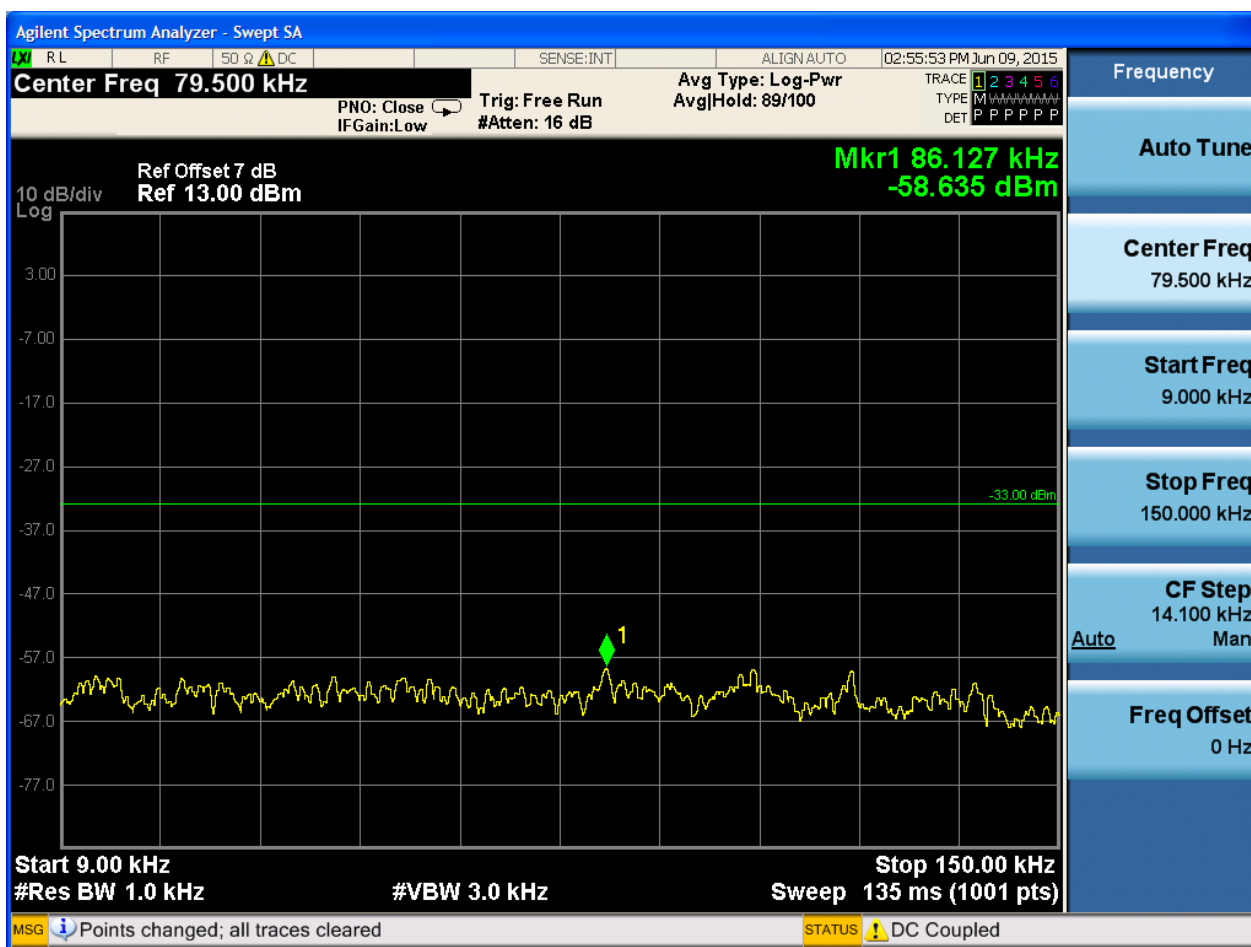


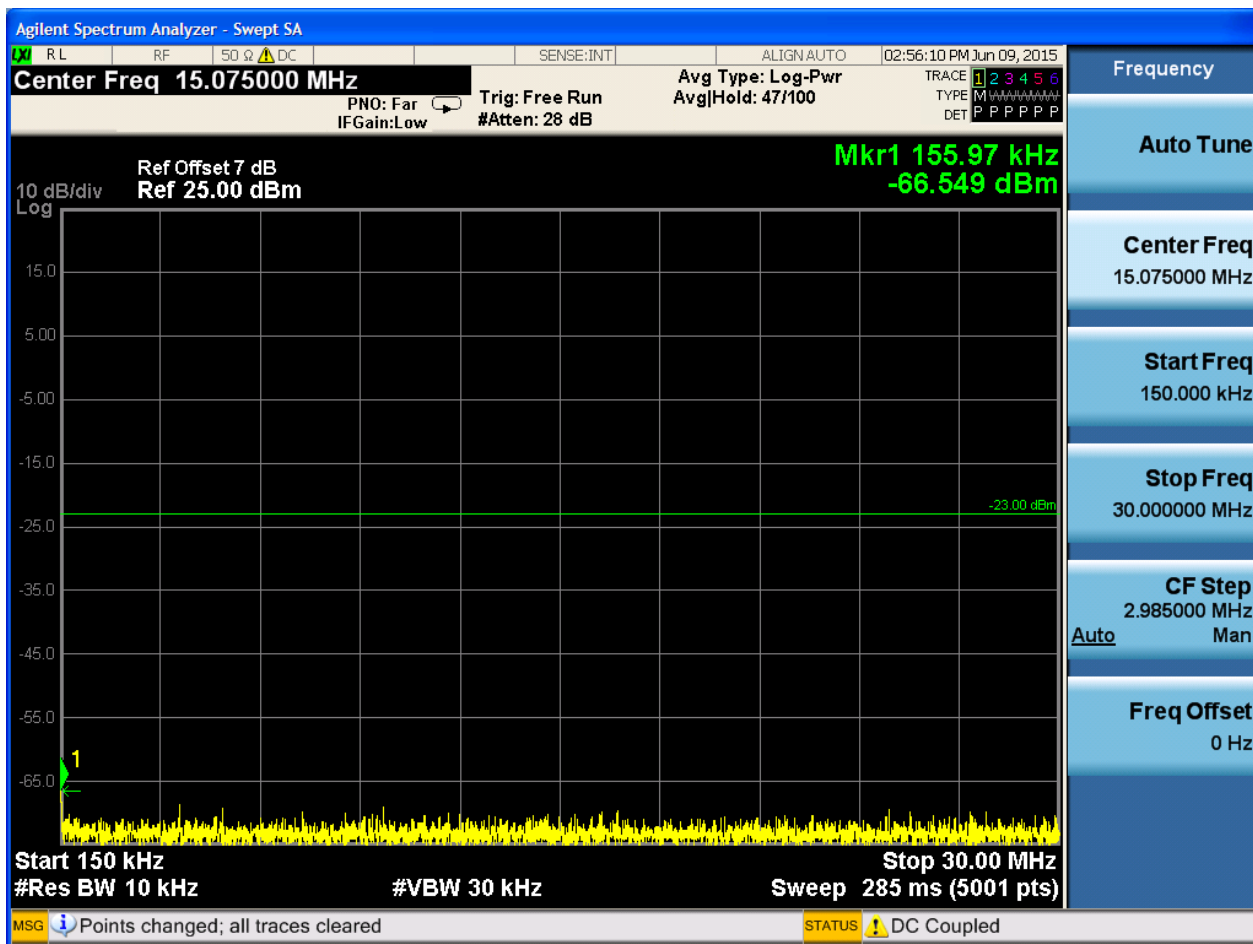


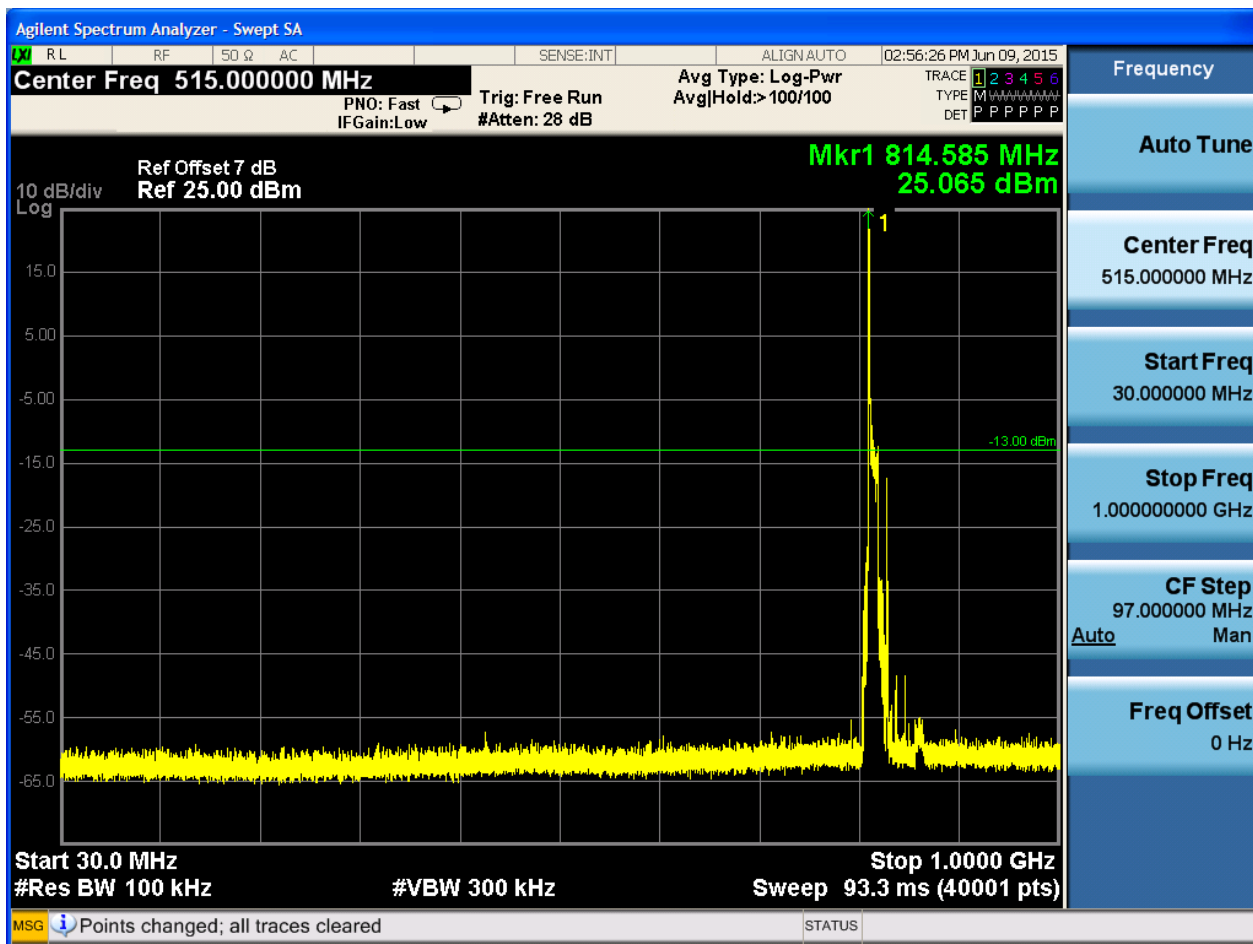
6.1.1.2.4 Test Bandwidth = 10

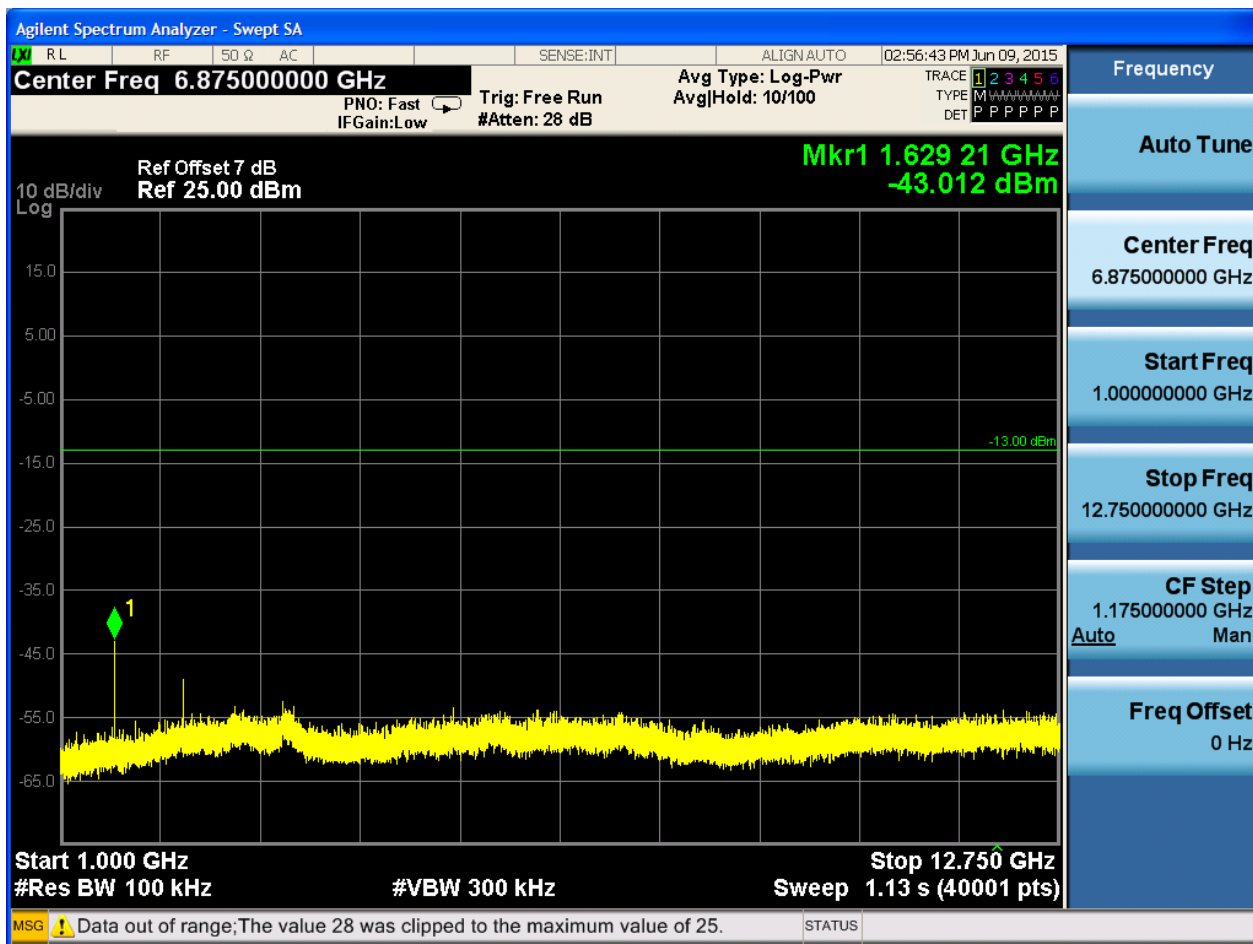
6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0



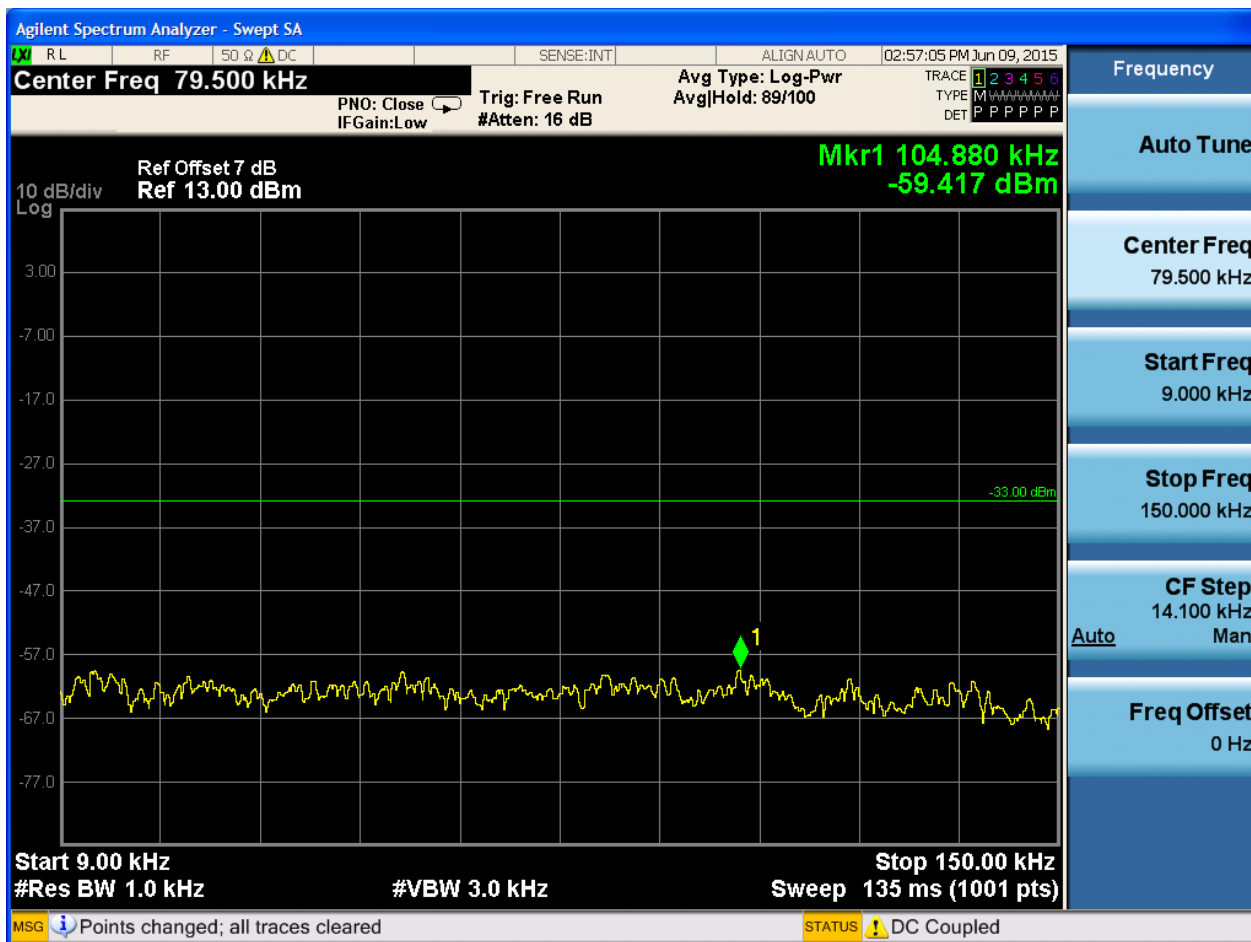


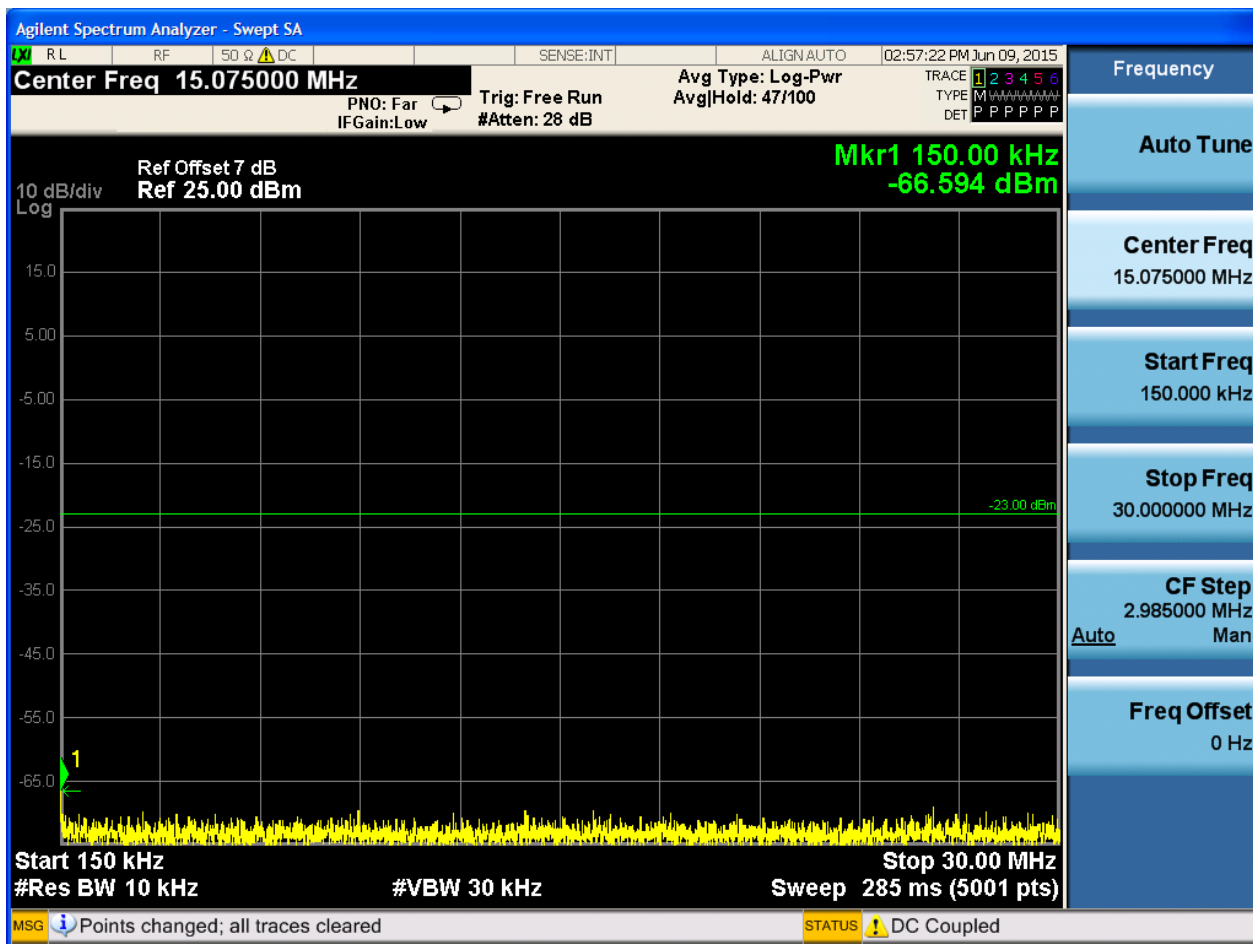


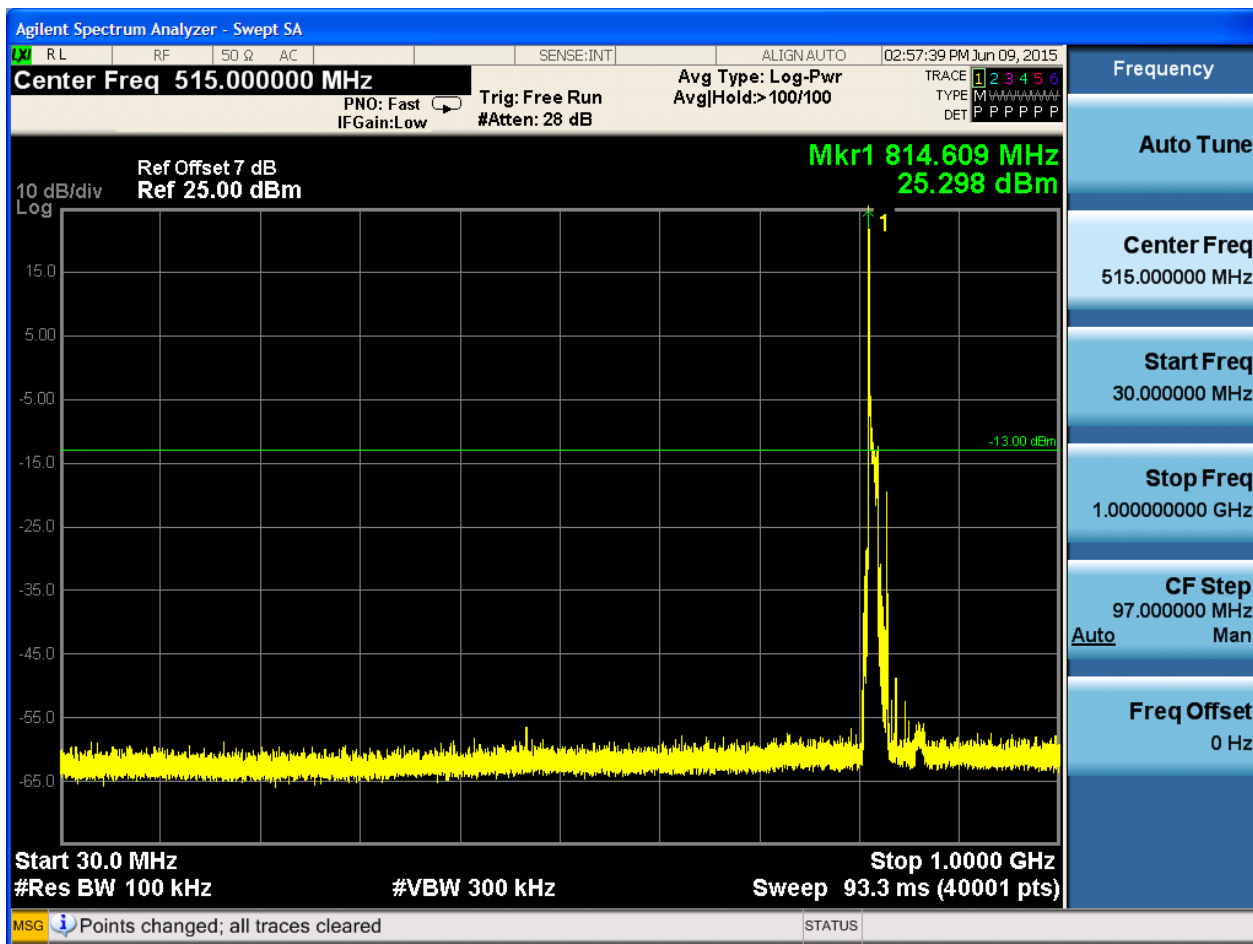


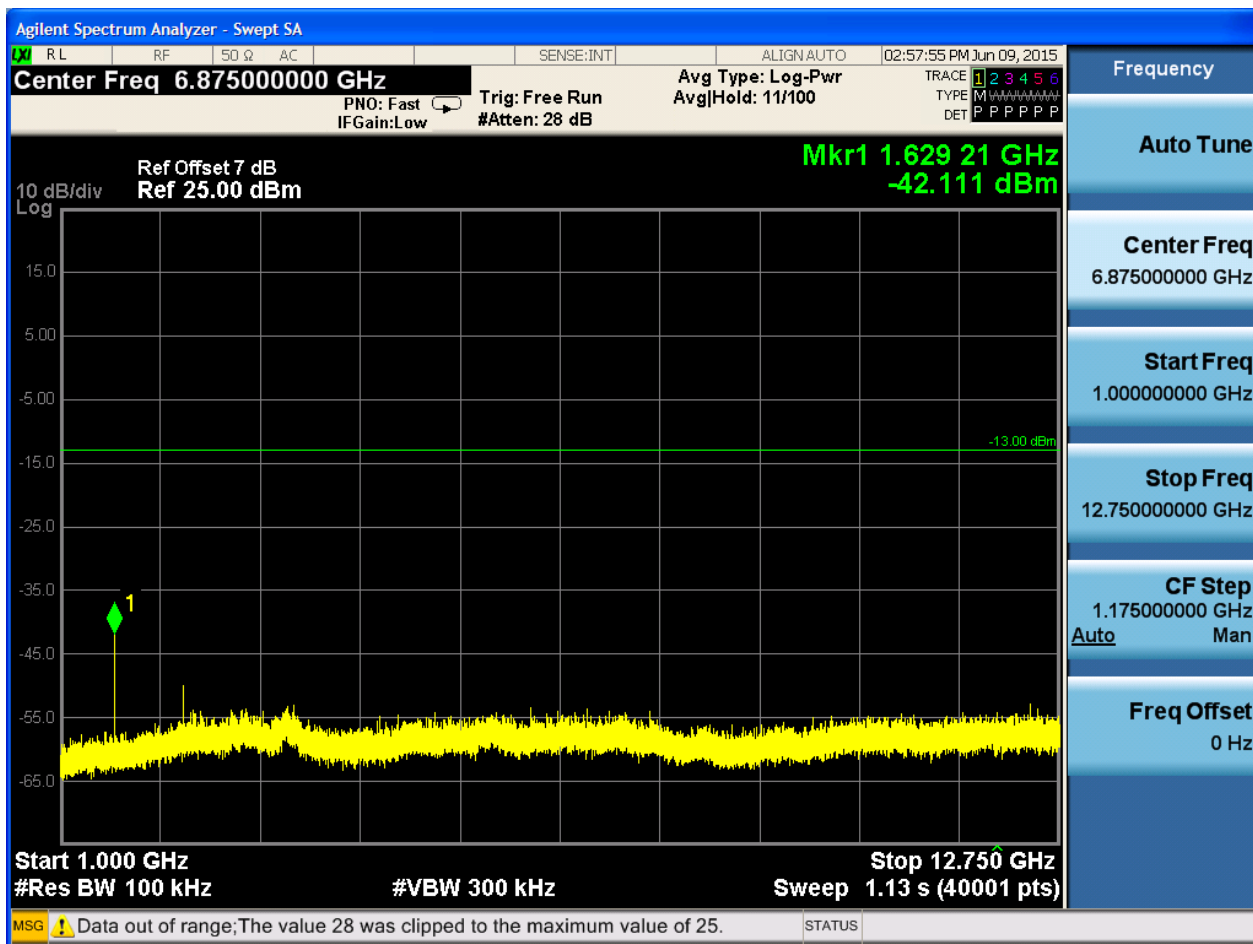
6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0



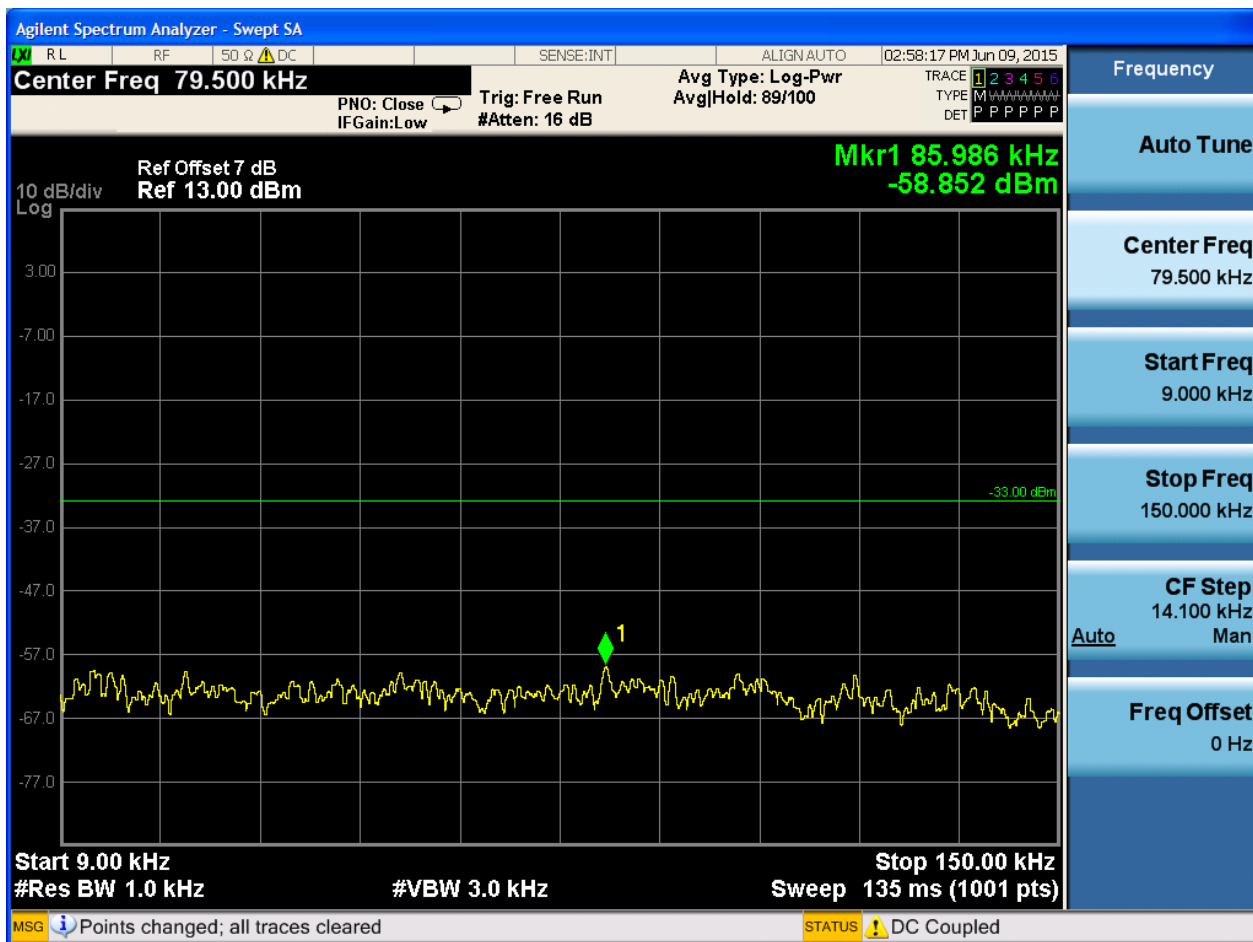




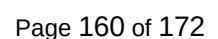
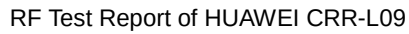


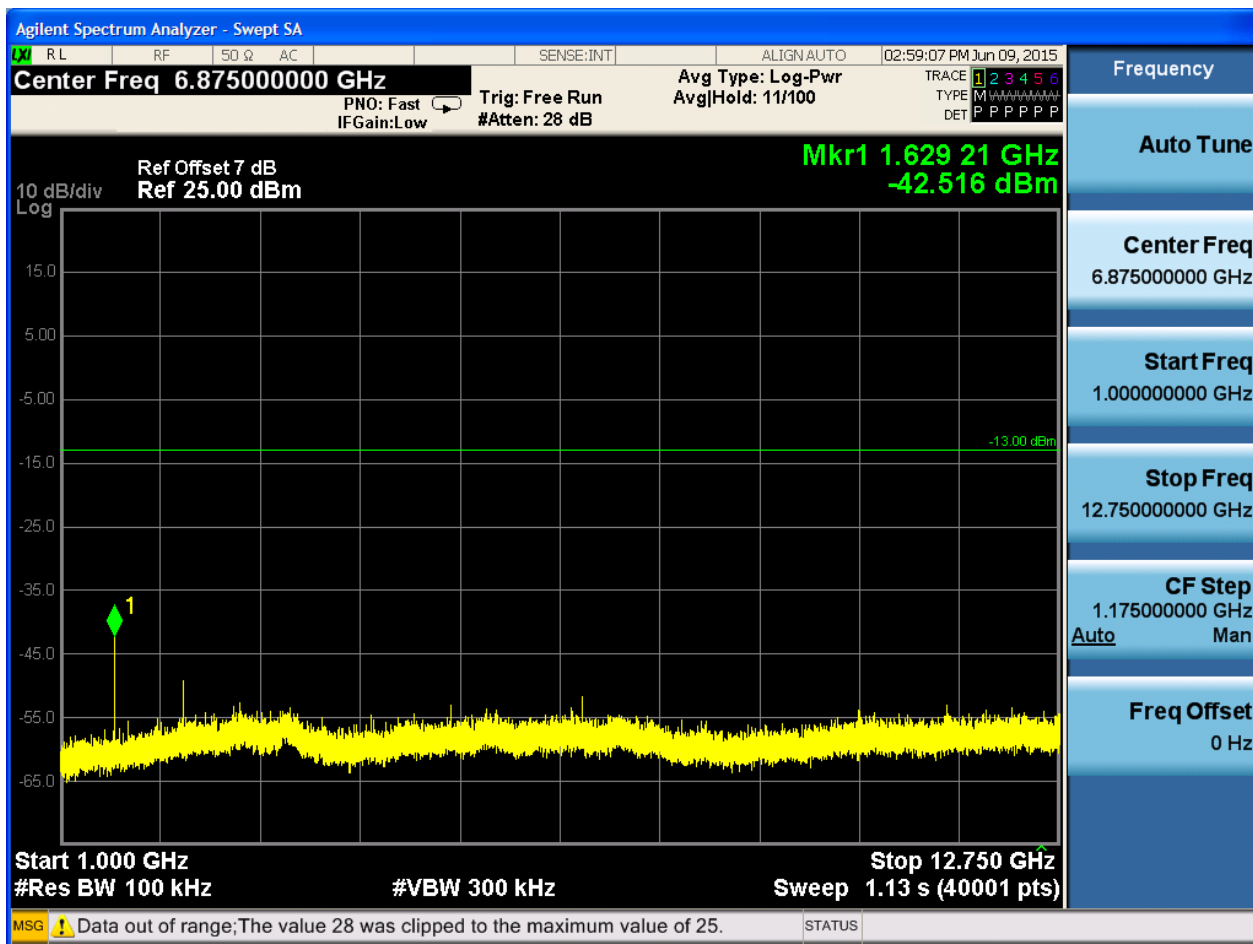
6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 Test RB = RB1#0









7Appendix_G: Field Strength of Spurious Radiation

Note:

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

No peak found in the Test Range of “9 kHz to 30MHz”

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

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

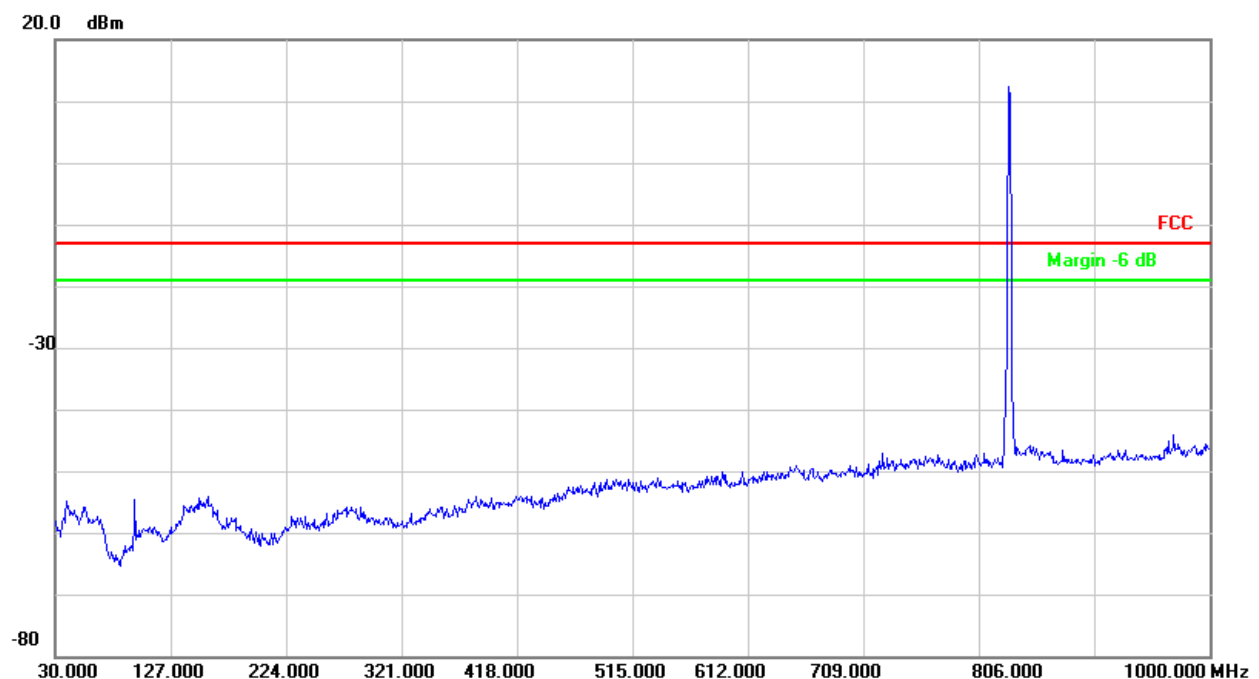
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

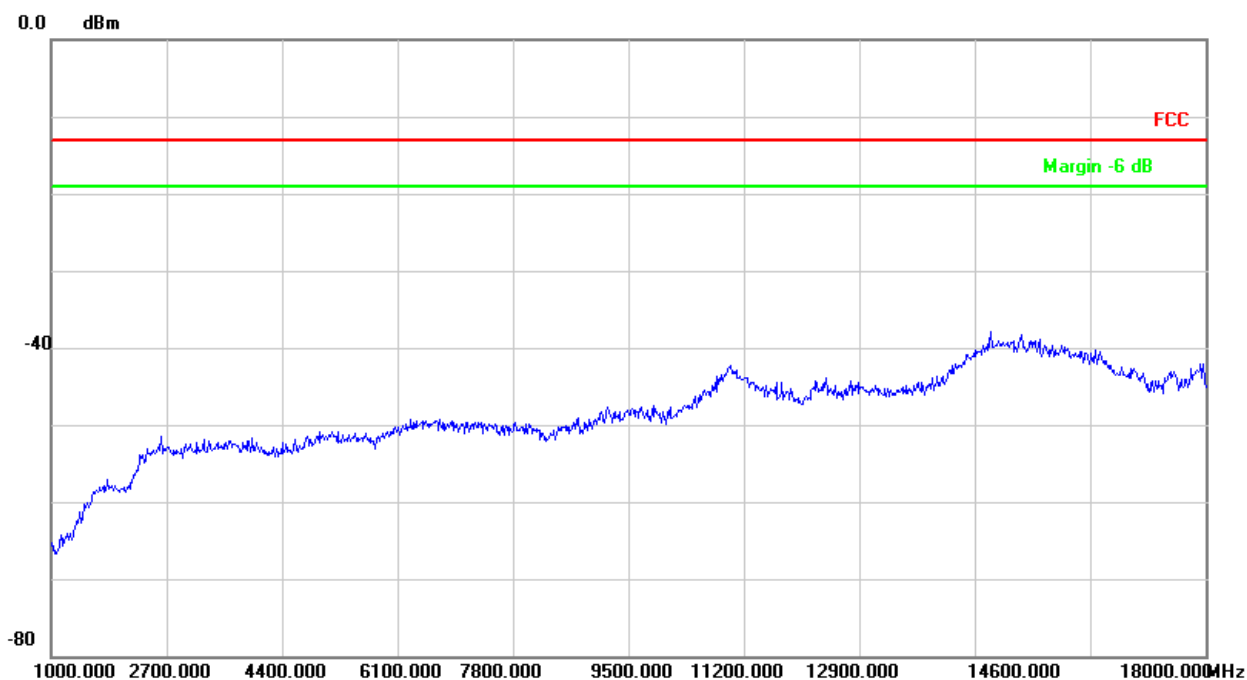
Part I - Test Plots

7.1 For LTE

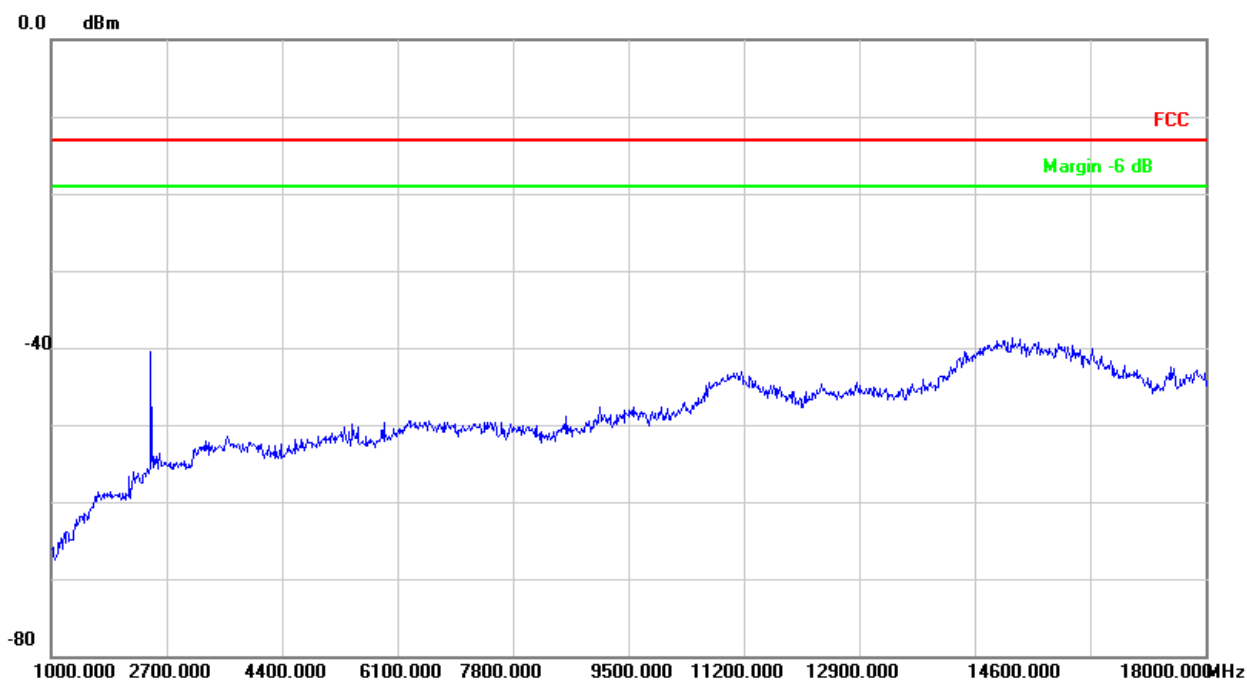
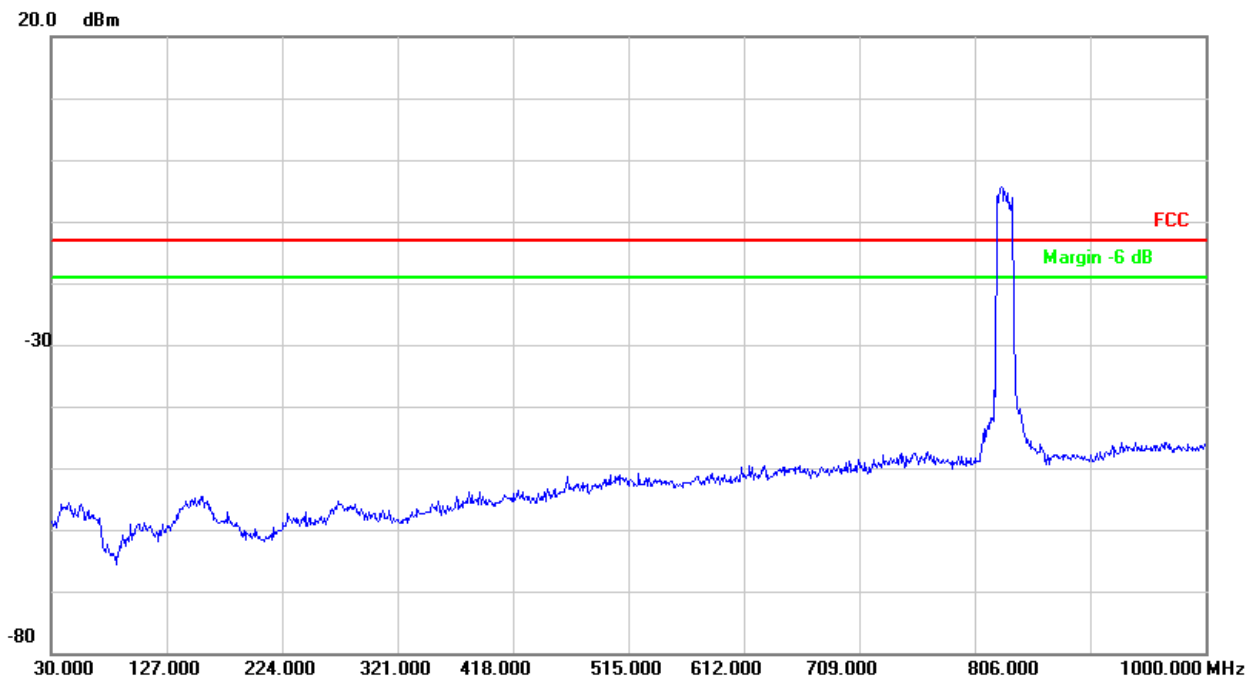
7.1.1 Test Band = BAND26

7.1.1.1 Test Bandwidth = 1.4





7.1.1.3 Test Bandwidth = 10



8Appendix_H: Frequency Stability

8.1 For LTE

8.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND26	LTE/TM1	1.4	LCH	TN	VL	-10.06	-0.01235	PASS
					VN	-21.94	-0.02693	PASS
					VH	-24.46	-0.03002	PASS
			MCH	TN	VL	-0.16	-0.0002	PASS
					VN	-3.81	-0.00465	PASS
					VH	-3.33	-0.00407	PASS
			HCH	TN	VL	6.19	0.00752	PASS
					VN	-0.97	-0.00118	PASS
					VH	-0.49	-0.0006	PASS
		3	LCH	TN	VL	4.18	0.00513	PASS
					VN	-0.31	-0.00038	PASS
					VH	1.89	0.00232	PASS
			MCH	TN	VL	3.52	0.0043	PASS
					VN	1.34	0.00164	PASS
					VH	-1.73	-0.00211	PASS
			HCH	TN	VL	2.53	0.00308	PASS
					VN	-1.65	-0.00201	PASS
					VH	3.79	0.00461	PASS
		5	LCH	TN	VL	4.95	0.00606	PASS
					VN	4.06	0.00497	PASS
					VH	2.06	0.00252	PASS
			MCH	TN	VL	3.71	0.00453	PASS
					VN	1.3	0.00159	PASS
					VH	-0.73	-0.00089	PASS
			HCH	TN	VL	1.42	0.00173	PASS
					VN	1.8	0.00219	PASS
					VH	-0.19	-0.00023	PASS
		10	LCH	TN	VL	2.62	0.0032	PASS
					VN	2	0.00244	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
			MCH	TN	VH	-1.16	-0.00142	PASS		
					VL	0.97	0.00118	PASS		
					VN	-2.75	-0.00336	PASS		
					VH	-2.27	-0.00277	PASS		
			HCH	TN	VL	-0.47	-0.00057	PASS		
					VN	3.05	0.00372	PASS		
					VH	0.31	0.00038	PASS		
			LTE/TM2	1.4	LCH	TN	VL	1.76	0.00216	PASS
							VN	-13.16	-0.01615	PASS
							VH	-14.51	-0.01781	PASS
	MCH	TN			VL	-6.18	-0.00755	PASS		
					VN	1.96	0.00239	PASS		
					VH	-6.82	-0.00833	PASS		
	HCH	TN			VL	-1.16	-0.00141	PASS		
					VN	-4.76	-0.00578	PASS		
					VH	-3.79	-0.0046	PASS		
	3	LCH			TN	VL	-2.37	-0.00291	PASS	
						VN	-0.76	-0.00093	PASS	
						VH	2.47	0.00303	PASS	
		MCH			TN	VL	3.72	0.00454	PASS	
						VN	3.93	0.0048	PASS	
						VH	0.97	0.00118	PASS	
		HCH			TN	VL	-0.73	-0.00089	PASS	
						VN	-0.96	-0.00117	PASS	
						VH	1.1	0.00134	PASS	
	5	LCH		TN	VL	1.8	0.0022	PASS		
					VN	4.99	0.00611	PASS		
					VH	-0.67	-0.00082	PASS		
		MCH		TN	VL	1.43	0.00175	PASS		
					VN	3.46	0.00422	PASS		
					VH	-1.67	-0.00204	PASS		
		HCH		TN	VL	1.19	0.00145	PASS		
					VN	-0.14	-0.00017	PASS		
					VH	2.17	0.00264	PASS		
	10	LCH		TN	VL	1.86	0.00227	PASS		
			VN		3.98	0.00486	PASS			
			VH		-2.53	-0.00309	PASS			
		MCH	TN	VL	-1.46	-0.00178	PASS			

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-0.5	-0.00061	PASS
					VH	-2.35	-0.00287	PASS
			HCH	TN	VL	-1.69	-0.00206	PASS
					VN	3.35	0.00409	PASS
					VH	-1.6	-0.00195	PASS

8.1.2 Frequency Error vs. temperature :

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND26	LTE/TM1	1.4	LCH	VN	-30	-5.69	-0.00698	PASS
					-20	-5.39	-0.00662	PASS
					-10	0.41	0.0005	PASS
					0	-4.12	-0.00506	PASS
					10	-3.3	-0.00405	PASS
					20	1.62	0.00199	PASS
					30	0.92	0.00113	PASS
					40	-0.16	-0.0002	PASS
					50	-6.44	-0.0079	PASS
			MCH	VN	-30	-0.94	-0.00115	PASS
					-20	-6.04	-0.00737	PASS
					-10	-2.06	-0.00252	PASS
					0	-1.17	-0.00143	PASS
					10	1.82	0.00222	PASS
					20	2.32	0.00283	PASS
					30	-4.28	-0.00523	PASS
					40	-1.03	-0.00126	PASS
					50	-6.18	-0.00755	PASS
			HCH	VN	-30	1.27	0.00154	PASS
					-20	-4.35	-0.00528	PASS
					-10	-1.7	-0.00206	PASS
					0	-2.69	-0.00327	PASS
					10	3.08	0.00374	PASS
					20	-6.88	-0.00836	PASS
					30	-3.09	-0.00375	PASS
					40	-0.64	-0.00078	PASS
					50	-0.53	-0.00064	PASS
		3	LCH	VN	-30	-0.87	-0.00107	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	0.9	0.0011	PASS
					-10	-2.25	-0.00276	PASS
					0	-0.74	-0.00091	PASS
					10	-2.49	-0.00305	PASS
					20	-3.42	-0.00419	PASS
					30	-4.18	-0.00513	PASS
					40	1.9	0.00233	PASS
					50	-2.73	-0.00335	PASS
			MCH	VN	-30	1.24	0.00151	PASS
					-20	-2.55	-0.00311	PASS
					-10	0.34	0.00042	PASS
					0	-3.68	-0.00449	PASS
					10	-3.32	-0.00405	PASS
					20	1.56	0.0019	PASS
					30	-2.07	-0.00253	PASS
					40	1.43	0.00175	PASS
					50	-0.9	-0.0011	PASS
			HCH	VN	-30	-1.29	-0.00157	PASS
					-20	0.46	0.00056	PASS
					-10	-2.46	-0.00299	PASS
					0	0.74	0.0009	PASS
					10	-2.42	-0.00294	PASS
					20	0.62	0.00075	PASS
					30	-0.63	-0.00077	PASS
					40	0.6	0.00073	PASS
					50	1.09	0.00133	PASS
		5	LCH	VN	-30	-1.97	-0.00241	PASS
					-20	0.69	0.00085	PASS
					-10	-1.89	-0.00231	PASS
					0	-0.92	-0.00113	PASS
					10	-0.62	-0.00076	PASS
					20	-0.63	-0.00077	PASS
					30	-0.07	-0.00009	PASS
					40	0.64	0.00078	PASS
					50	0.31	0.00038	PASS
			MCH	VN	-30	-1.76	-0.00215	PASS
					-20	-1.1	-0.00134	PASS
					-10	-1.44	-0.00176	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	-1.95	-0.00238	PASS
					10	-0.93	-0.00114	PASS
					20	-0.56	-0.00068	PASS
					30	-0.29	-0.00035	PASS
					40	-2.19	-0.00267	PASS
					50	1.57	0.00192	PASS
			HCH	VN	-30	0.3	0.00037	PASS
					-20	1.33	0.00162	PASS
					-10	0.29	0.00035	PASS
					0	-1.16	-0.00141	PASS
					10	0.93	0.00113	PASS
					20	-1.16	-0.00141	PASS
					30	-0.63	-0.00077	PASS
					40	-1.34	-0.00163	PASS
					50	0.19	0.00023	PASS
		10	LCH	VN	-30	0.82	0.001	PASS
					-20	-0.63	-0.00077	PASS
					-10	-0.69	-0.00084	PASS
					0	-0.14	-0.00017	PASS
					10	-0.53	-0.00065	PASS
					20	-0.73	-0.00089	PASS
					30	0.94	0.00115	PASS
					40	-1.57	-0.00192	PASS
					50	0.24	0.00029	PASS
			MCH	VN	-30	-0.86	-0.00105	PASS
					-20	-0.44	-0.00054	PASS
					-10	0.46	0.00056	PASS
					0	0.37	0.00045	PASS
					10	-0.5	-0.00061	PASS
					20	-0.34	-0.00042	PASS
					30	-0.24	-0.00029	PASS
					40	-0.57	-0.0007	PASS
					50	0.37	0.00045	PASS
			HCH	VN	-30	0.16	0.0002	PASS
					-20	-0.56	-0.00068	PASS
					-10	0.76	0.00093	PASS
					0	-0.44	-0.00054	PASS
					10	-0.59	-0.00072	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	1.4			20	-0.9	-0.0011	PASS
					30	1	0.00122	PASS
					40	-0.21	-0.00026	PASS
					50	0.19	0.00023	PASS
			LCH	VN	-30	-6.9	-0.00847	PASS
					-20	1.53	0.00188	PASS
					-10	0.7	0.00086	PASS
					0	0.77	0.00095	PASS
					10	-0.21	-0.00026	PASS
					20	-2.09	-0.00257	PASS
					30	-3.09	-0.00379	PASS
					40	-2.75	-0.00338	PASS
					50	-1.29	-0.00158	PASS
			MCH	VN	-30	-2.95	-0.0036	PASS
					-20	-0.43	-0.00053	PASS
					-10	-0.7	-0.00085	PASS
					0	-3.16	-0.00386	PASS
					10	0.89	0.00109	PASS
					20	-3.66	-0.00447	PASS
					30	-4.65	-0.00568	PASS
					40	0.16	0.0002	PASS
					50	0.99	0.00121	PASS
		3	HCH	VN	-30	1.57	0.00191	PASS
					-20	-1.73	-0.0021	PASS
					-10	-1.02	-0.00124	PASS
					0	-1.56	-0.00189	PASS
					10	0.47	0.00057	PASS
					20	-4.75	-0.00577	PASS
					30	1.32	0.0016	PASS
					40	-0.73	-0.00089	PASS
					50	5.29	0.00643	PASS
			LCH	VN	-30	1.72	0.00211	PASS
					-20	4.19	0.00514	PASS
					-10	-1.2	-0.00147	PASS
					0	1.19	0.00146	PASS
					10	-0.53	-0.00065	PASS
					20	-2.29	-0.00281	PASS
					30	-2.68	-0.00329	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-0.74	-0.00091	PASS
					50	-2.43	-0.00298	PASS
			MCH	VN	-30	1.43	0.00175	PASS
					-20	-0.73	-0.00089	PASS
					-10	-1.7	-0.00208	PASS
					0	-0.29	-0.00035	PASS
					10	-3.05	-0.00372	PASS
					20	0.03	0.00004	PASS
					30	1.83	0.00223	PASS
					40	-0.72	-0.00088	PASS
					50	0.19	0.00023	PASS
			HCH	VN	-30	-1.65	-0.00201	PASS
					-20	-0.16	-0.00019	PASS
					-10	1.89	0.0023	PASS
					0	1.63	0.00198	PASS
					10	1.23	0.0015	PASS
					20	0.93	0.00113	PASS
					30	2.39	0.00291	PASS
					40	0.99	0.0012	PASS
					50	1.04	0.00126	PASS
		5	LCH	VN	-30	0.69	0.00085	PASS
					-20	1.13	0.00138	PASS
					-10	1.53	0.00187	PASS
					0	0.87	0.00107	PASS
					10	0.6	0.00073	PASS
					20	-0.7	-0.00086	PASS
					30	1.59	0.00195	PASS
					40	0.9	0.0011	PASS
					50	0.56	0.00069	PASS
			MCH	VN	-30	-3.69	-0.00451	PASS
					-20	-0.27	-0.00033	PASS
					-10	-1.47	-0.00179	PASS
					0	-1.86	-0.00227	PASS
					10	-1.63	-0.00199	PASS
					20	-1.47	-0.00179	PASS
					30	-3.18	-0.00388	PASS
					40	0.43	0.00053	PASS
					50	-3.59	-0.00438	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	VN	-30	-0.73	-0.00089	PASS
					-20	1.67	0.00203	PASS
					-10	-0.8	-0.00097	PASS
					0	1.36	0.00166	PASS
					10	-0.67	-0.00082	PASS
					20	-3.23	-0.00393	PASS
					30	1.36	0.00166	PASS
					40	0.34	0.00041	PASS
					50	-2.32	-0.00282	PASS
		10	LCH	VN	-30	-0.72	-0.00088	PASS
					-20	-0.86	-0.00105	PASS
					-10	-1.29	-0.00158	PASS
					0	-3.05	-0.00372	PASS
					10	-1.27	-0.00155	PASS
					20	-1.46	-0.00178	PASS
					30	-2.53	-0.00309	PASS
					40	-1.59	-0.00194	PASS
					50	-0.01	-0.00001	PASS
			MCH	VN	-30	0.14	0.00017	PASS
					-20	0.06	0.00007	PASS
					-10	0.06	0.00007	PASS
					0	-1.03	-0.00126	PASS
					10	-1.29	-0.00158	PASS
					20	0.21	0.00026	PASS
					30	-1.52	-0.00186	PASS
					40	-0.83	-0.00101	PASS
					50	-1.17	-0.00143	PASS
			HCH	VN	-30	-0.41	-0.00005	PASS
					-20	-0.6	-0.00073	PASS
					-10	-0.17	-0.00021	PASS
					0	-0.66	-0.00081	PASS
					10	-1.52	-0.00186	PASS
					20	-2.03	-0.00248	PASS
					30	-1.47	-0.00179	PASS
					40	-1.67	-0.00204	PASS
					50	0.4	0.00049	PASS

END