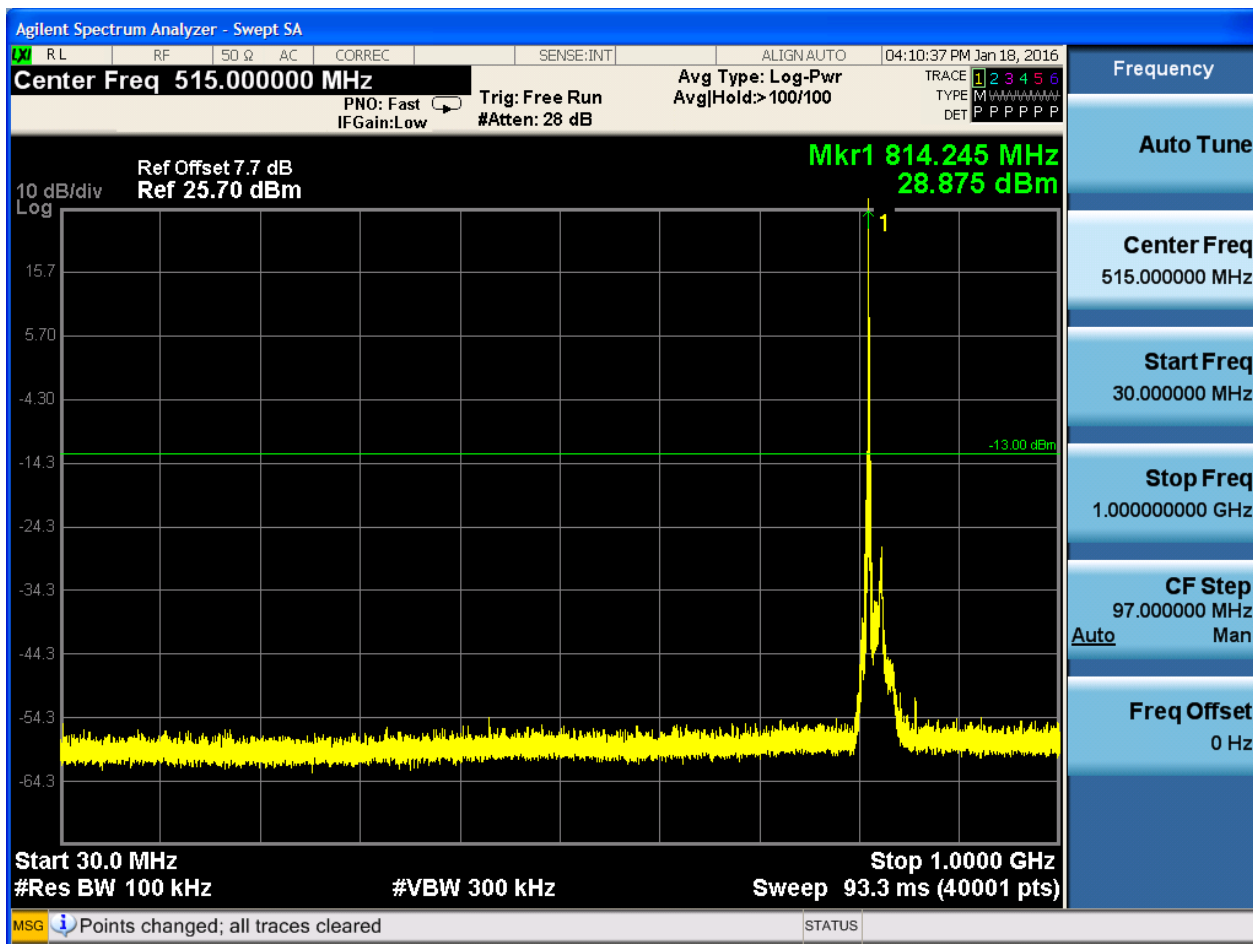
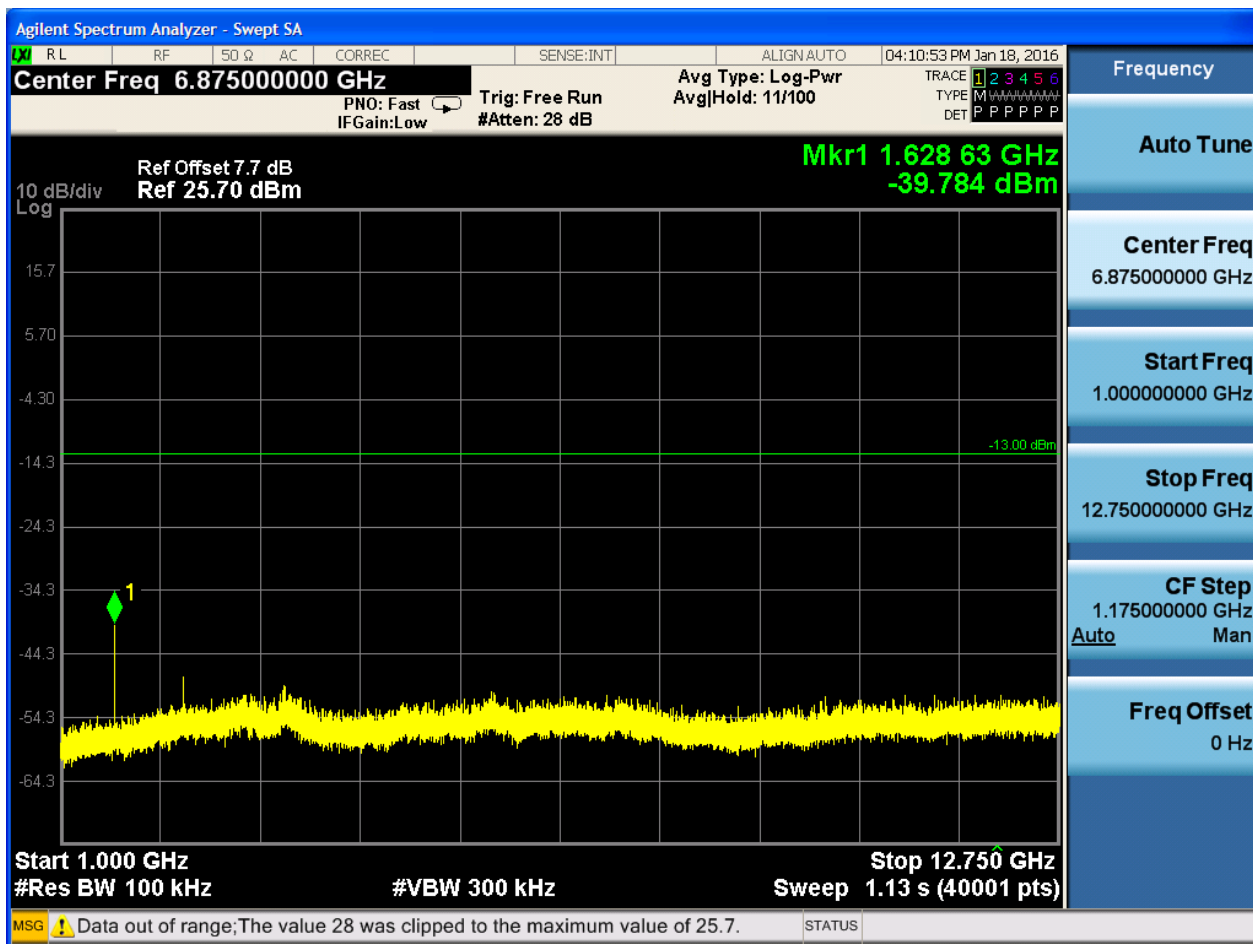
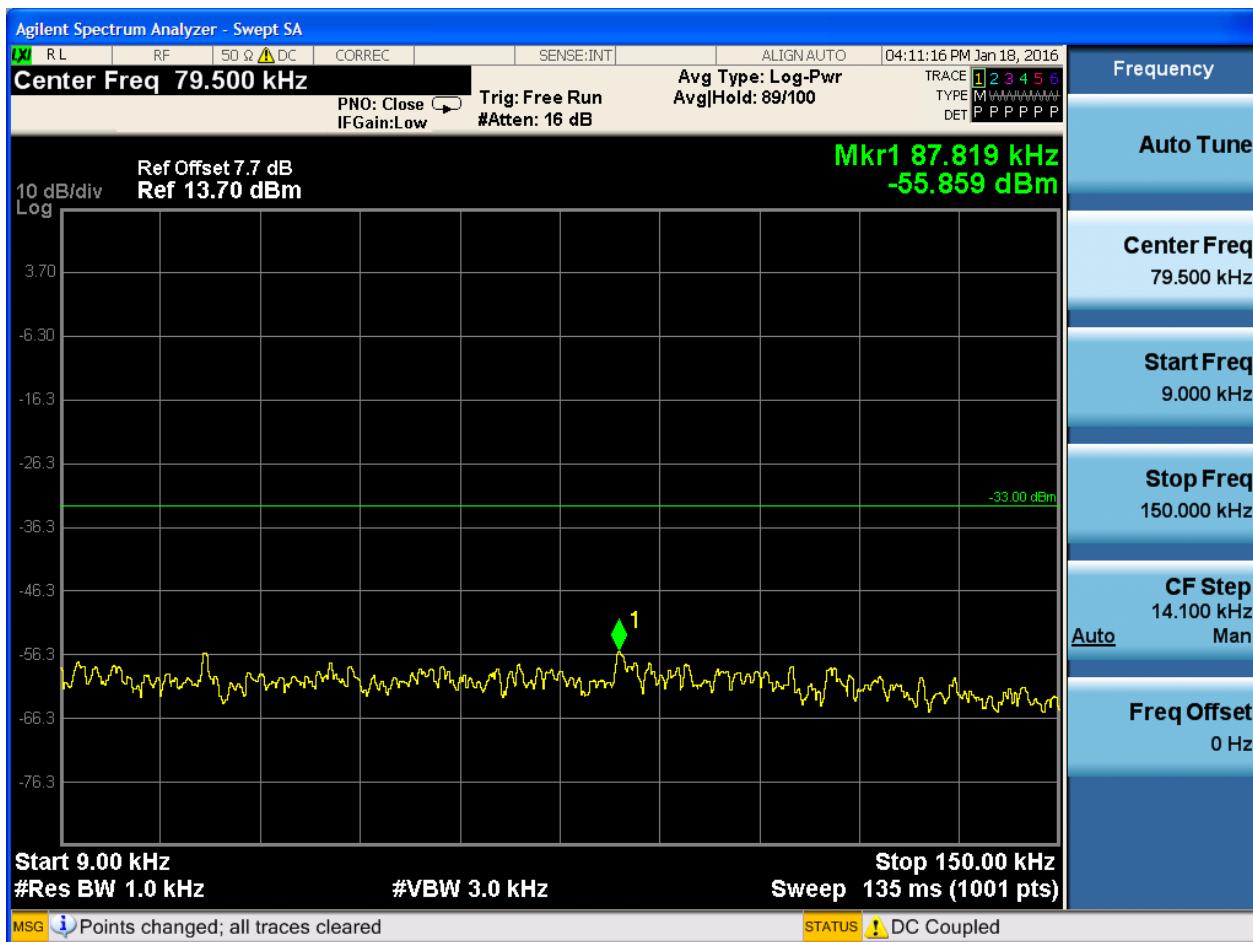




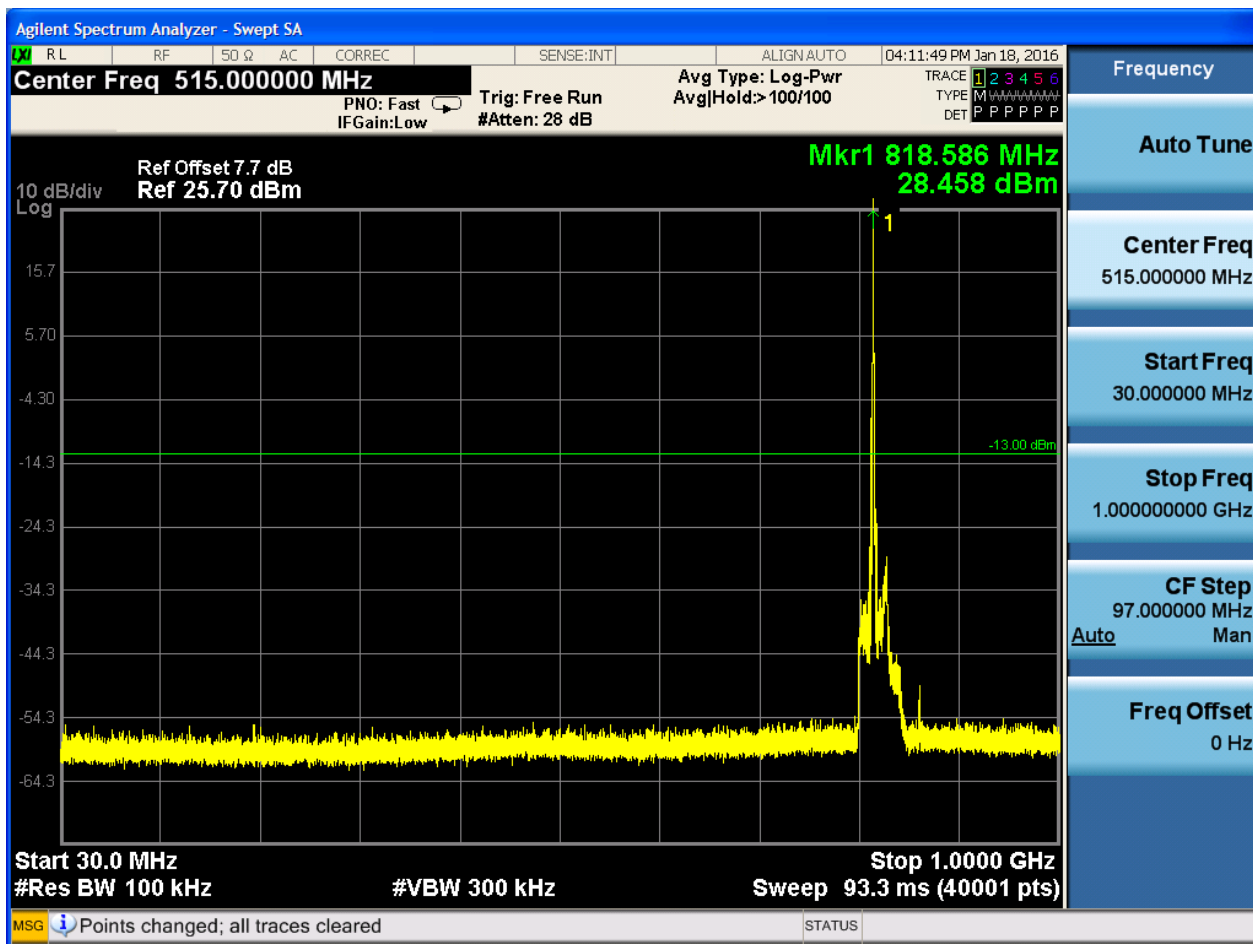


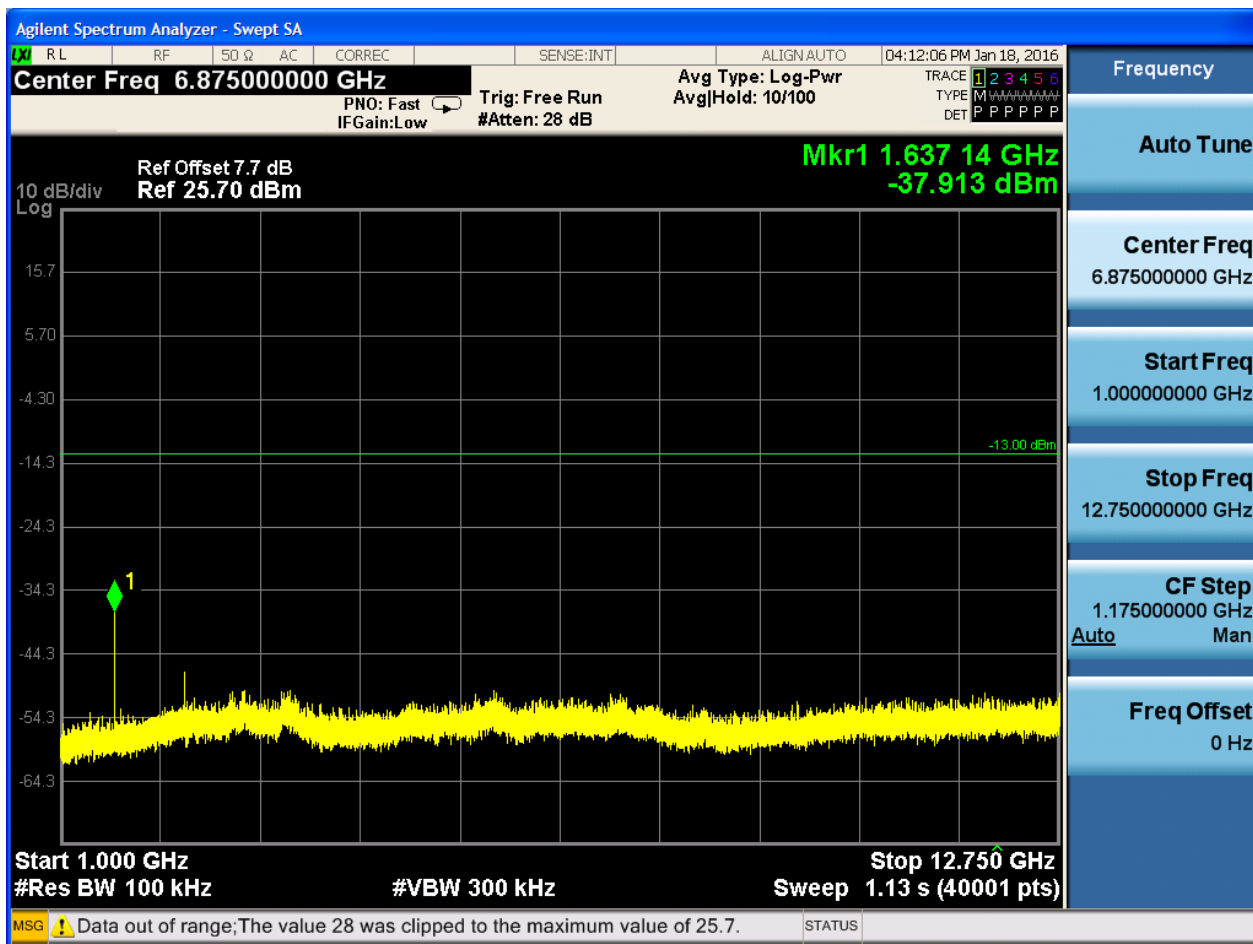
6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0



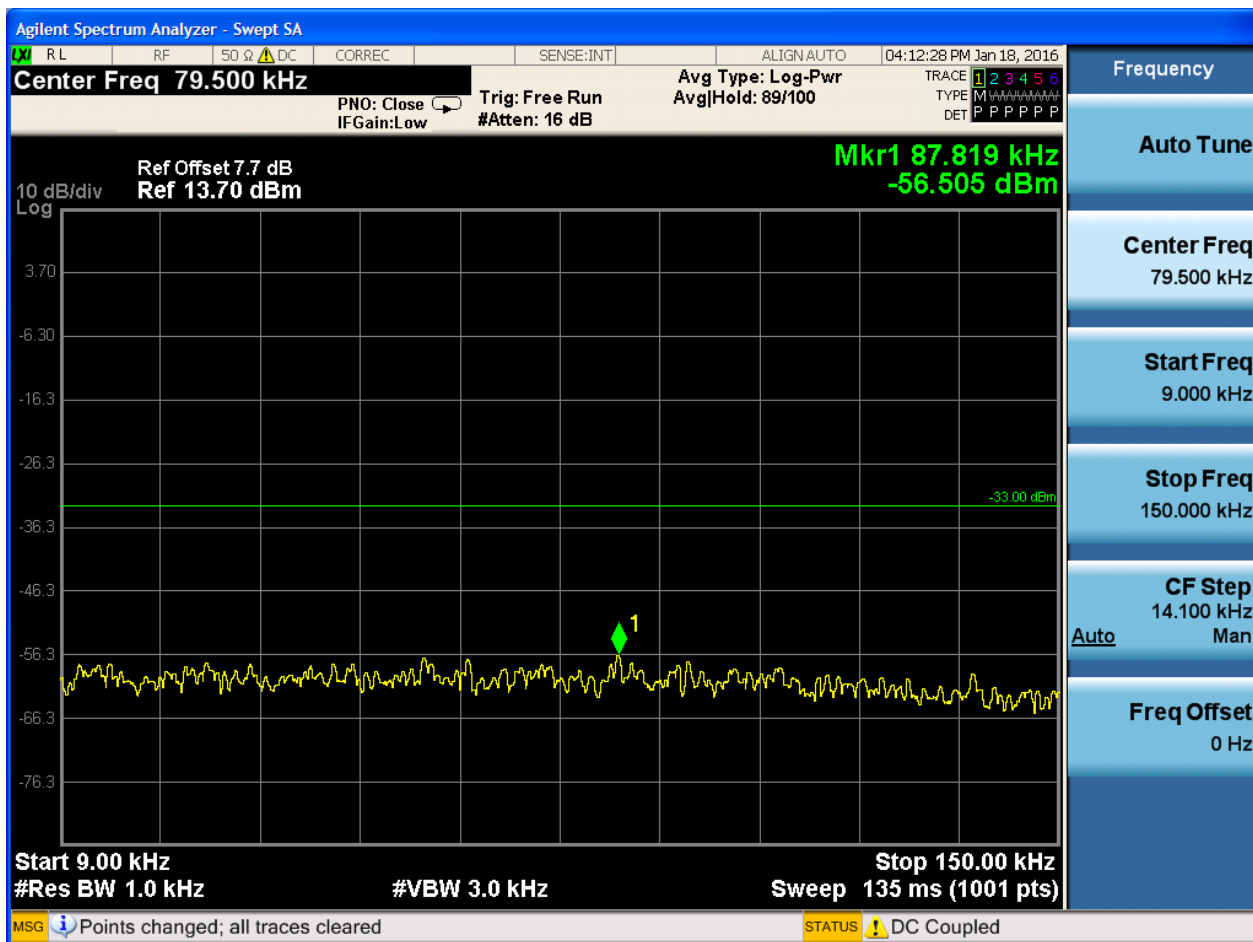


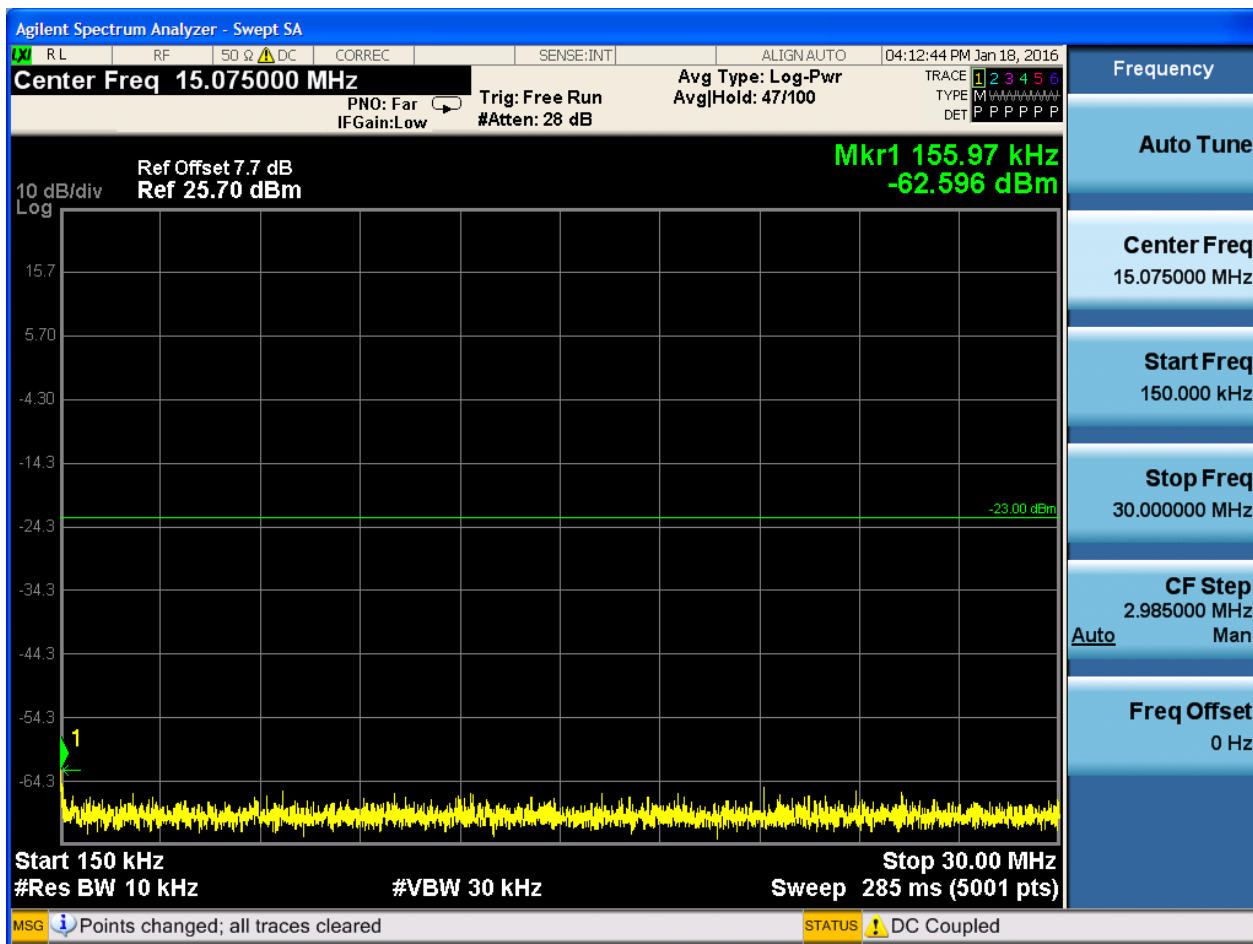


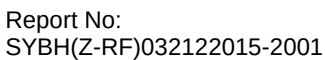


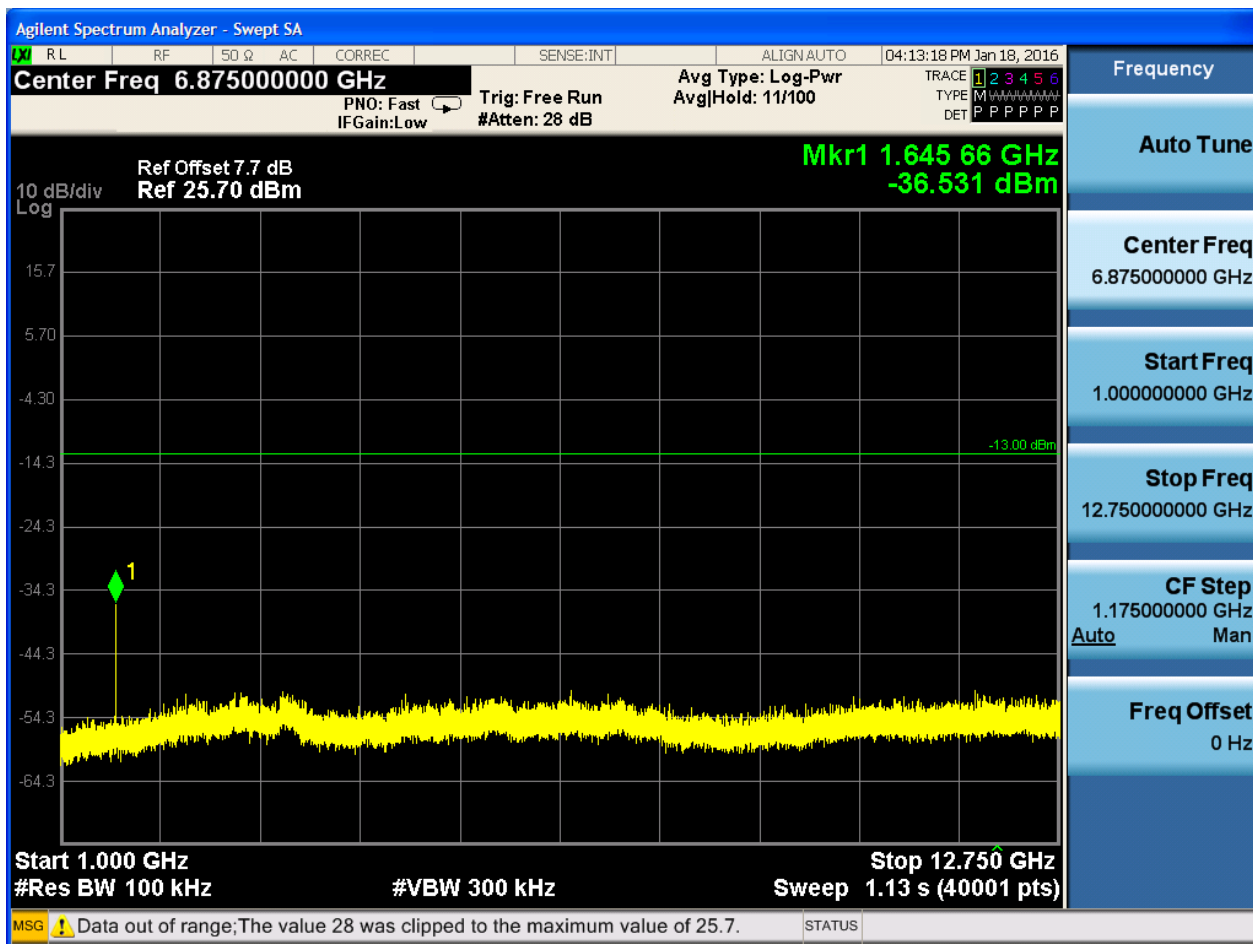
6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0







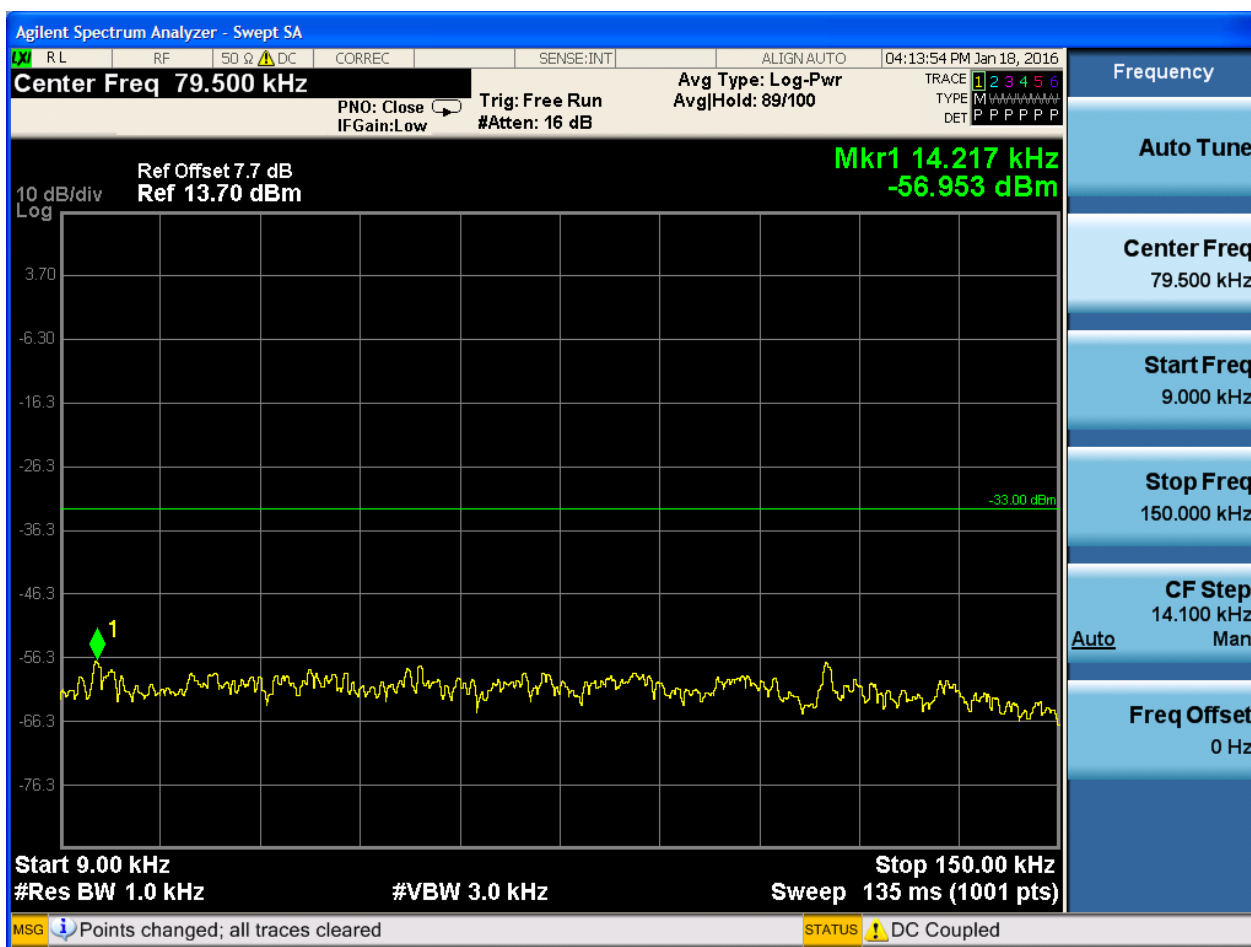




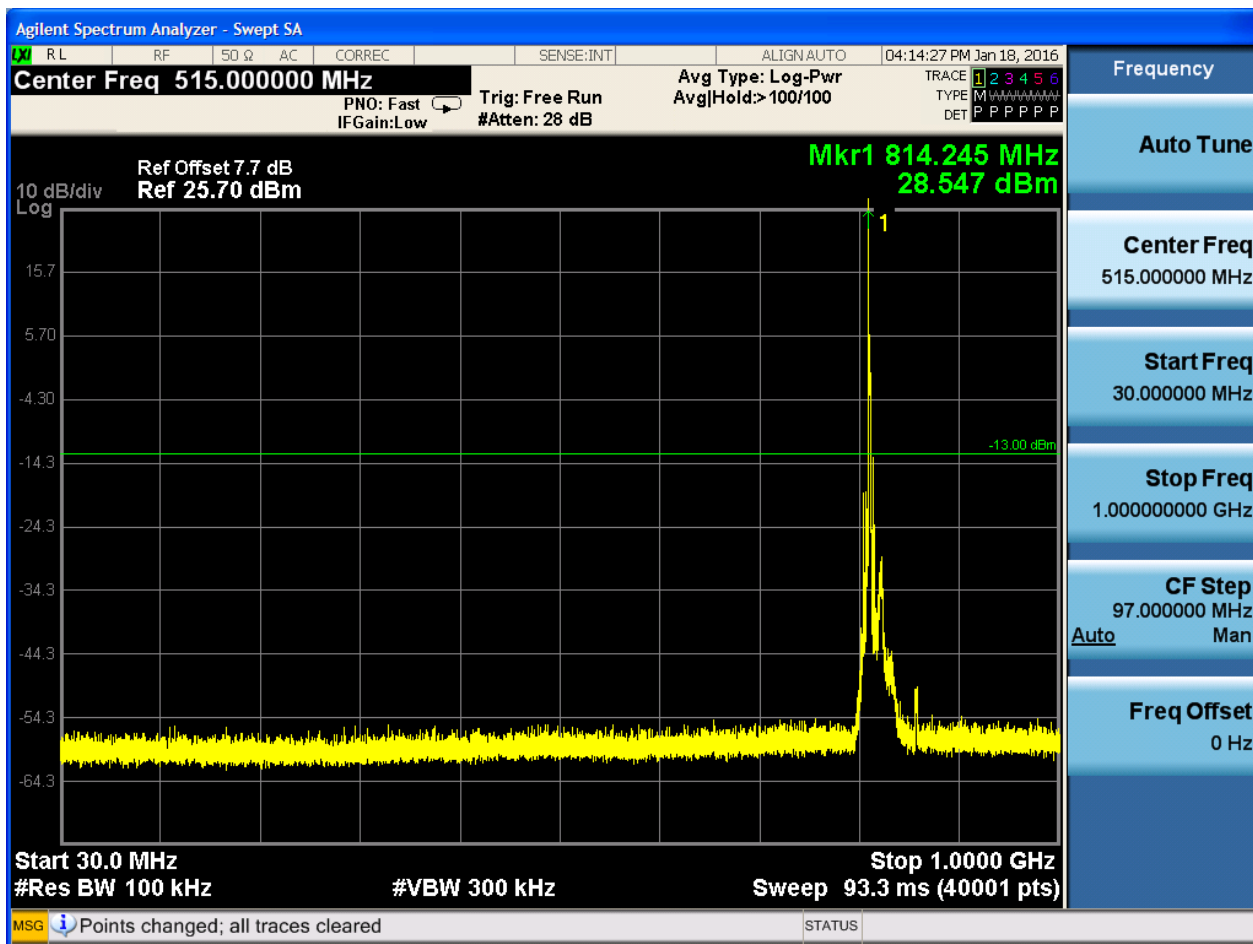
6.1.1.2.2 Test Bandwidth = 3

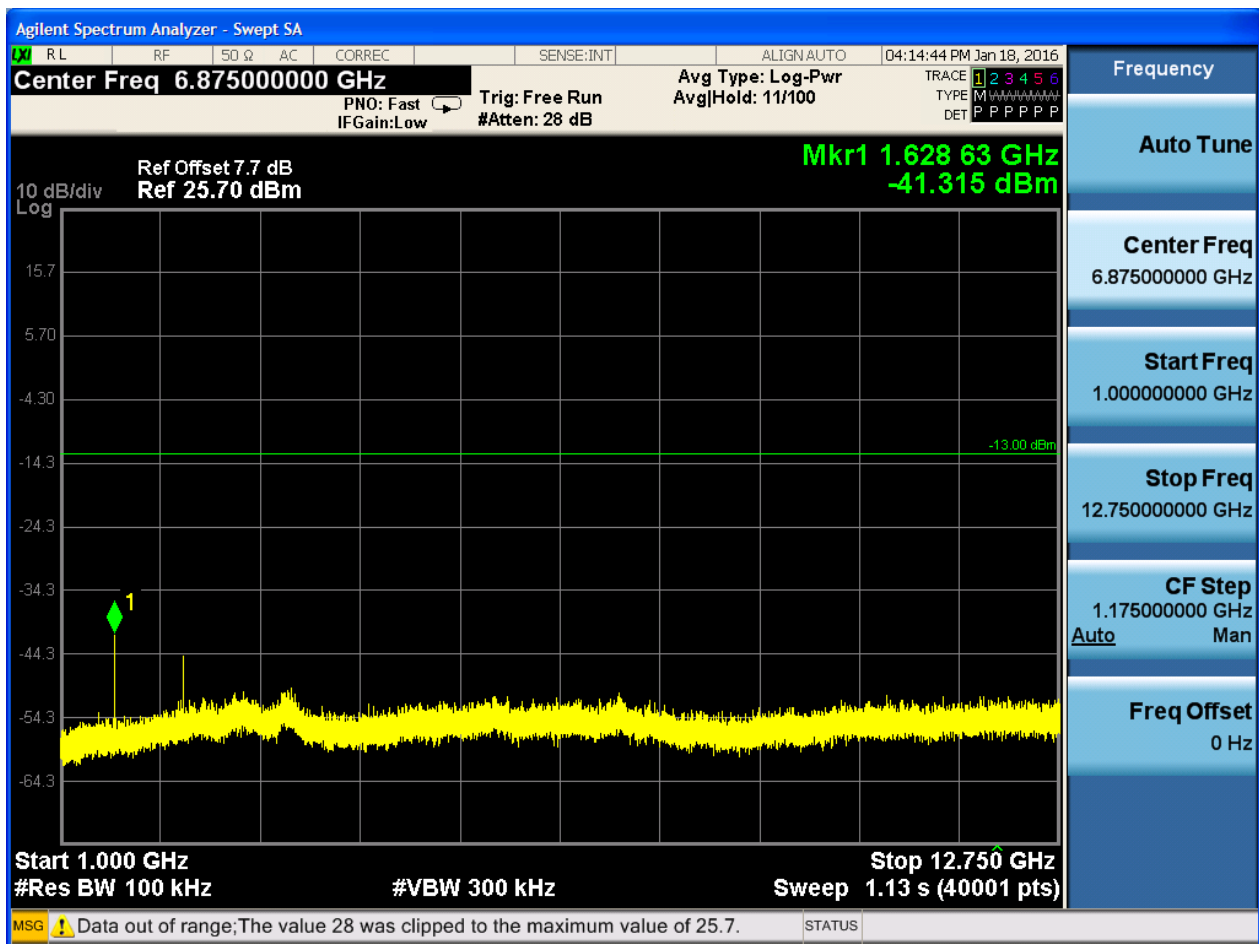
6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0



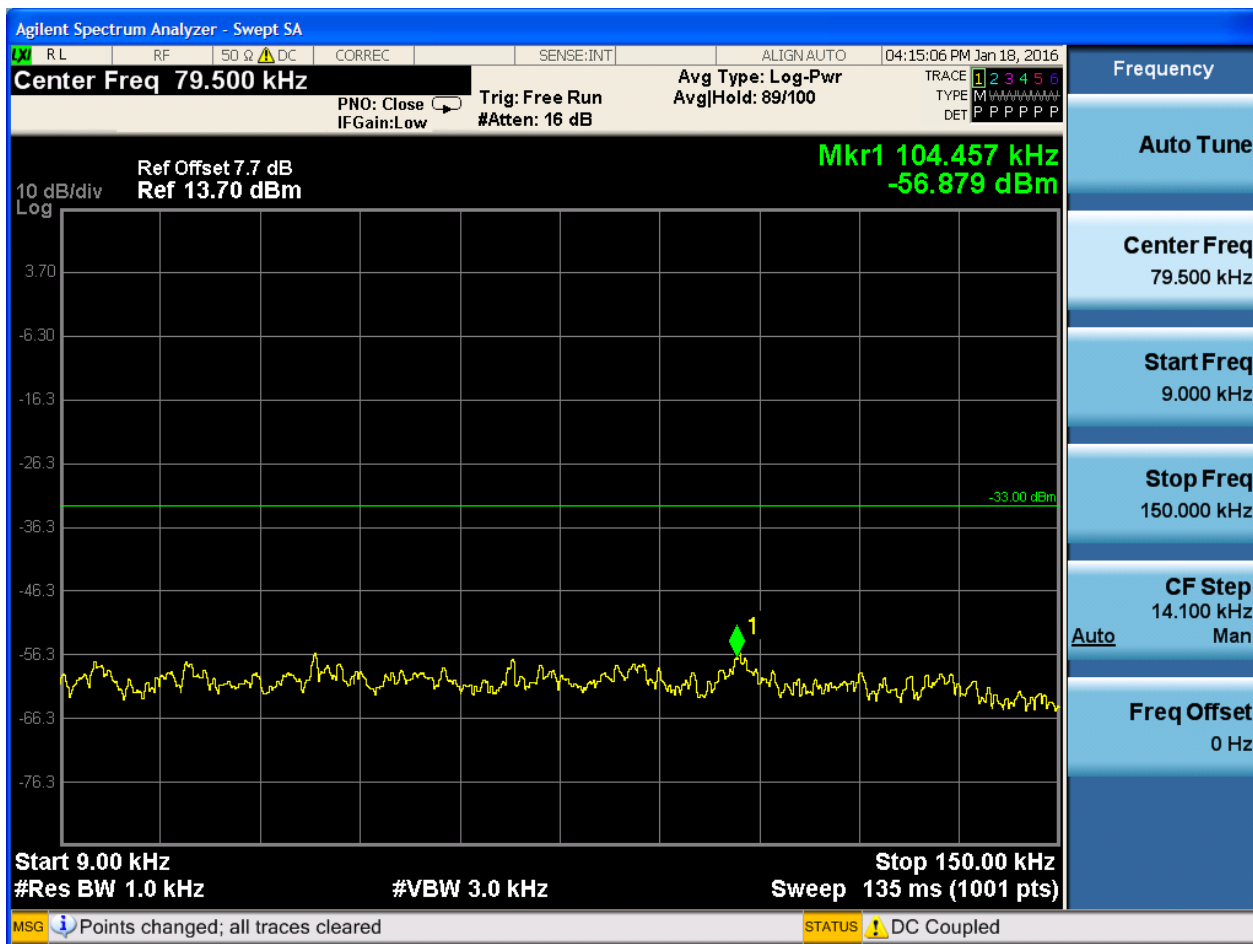


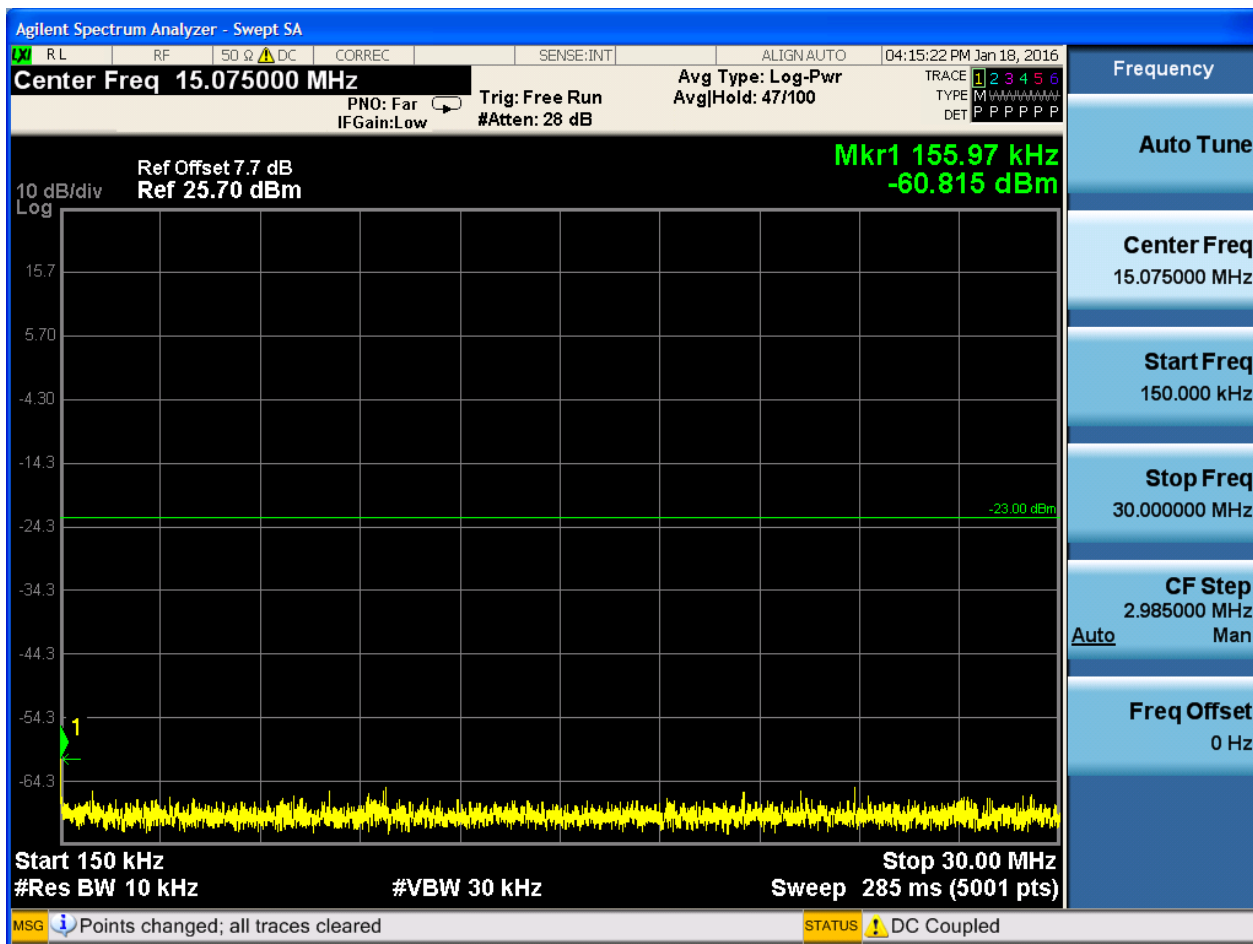


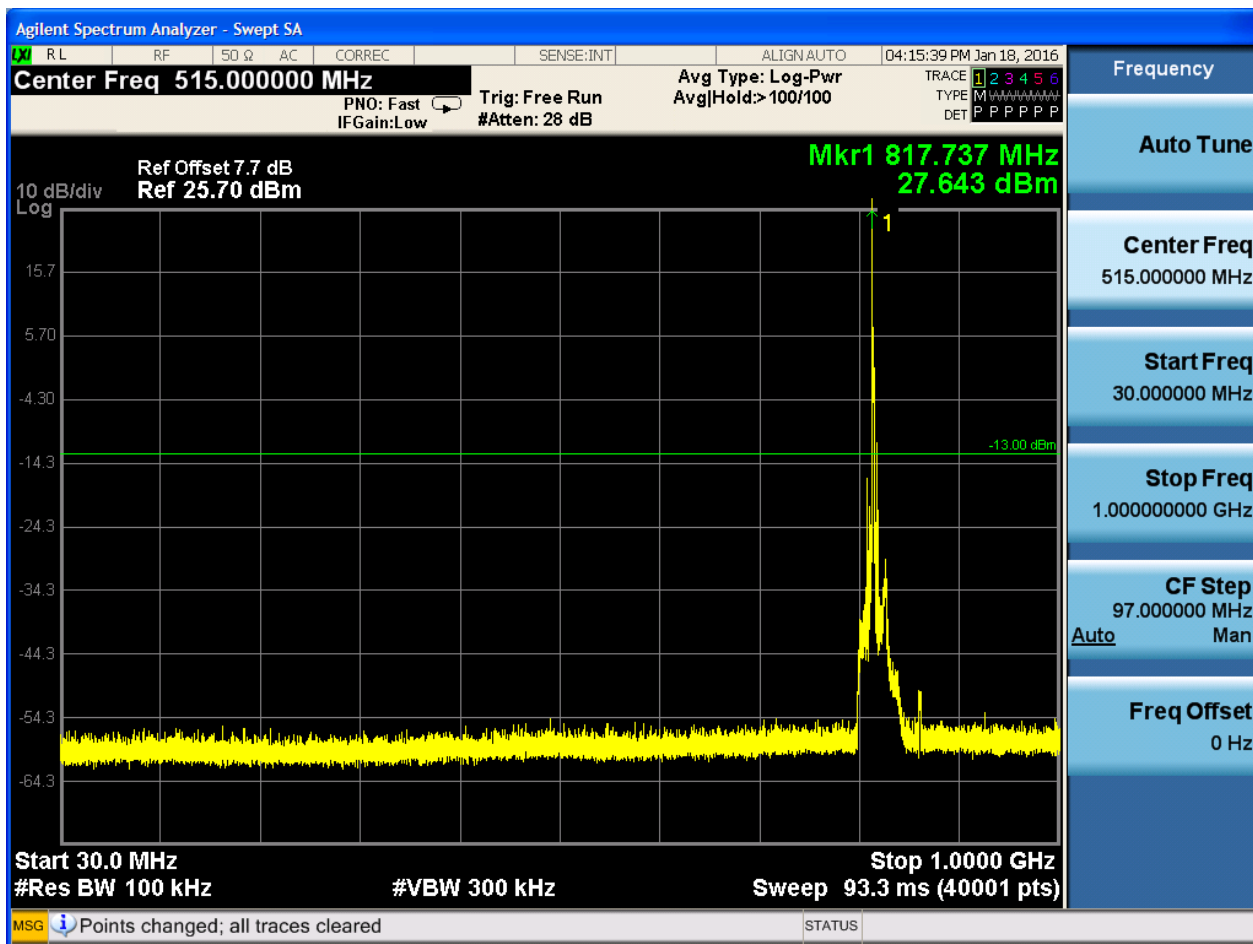


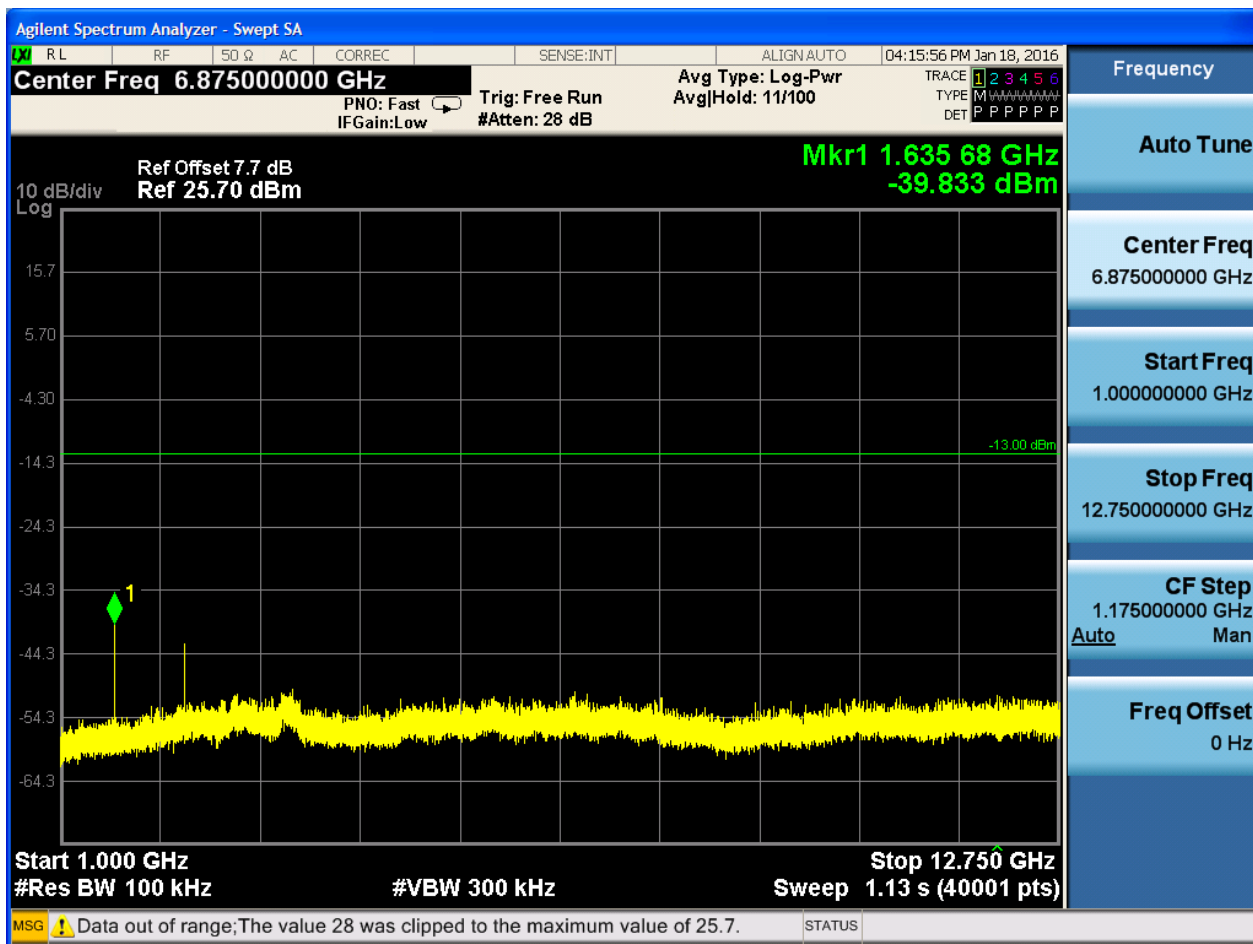
6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0



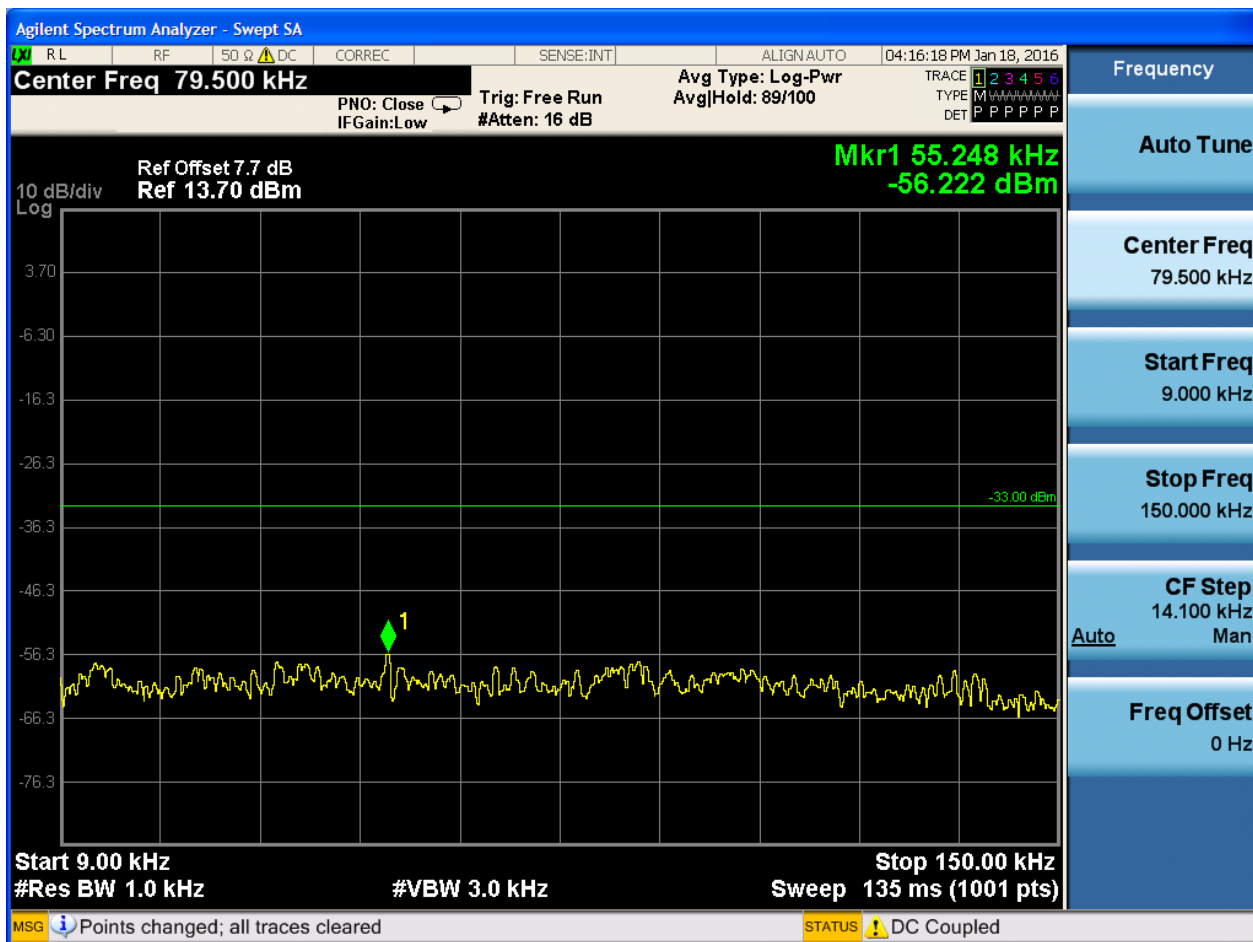


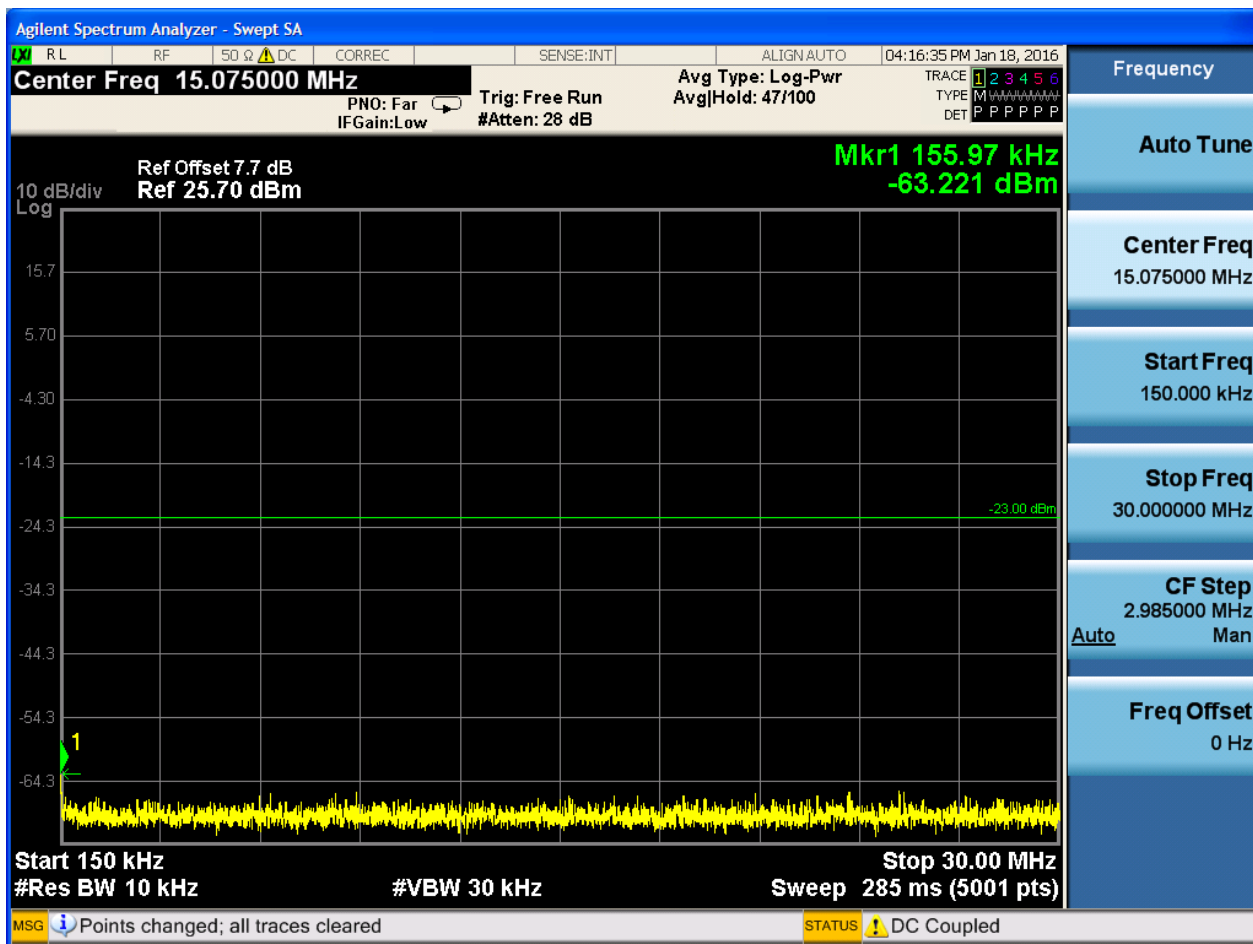


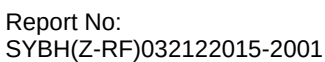


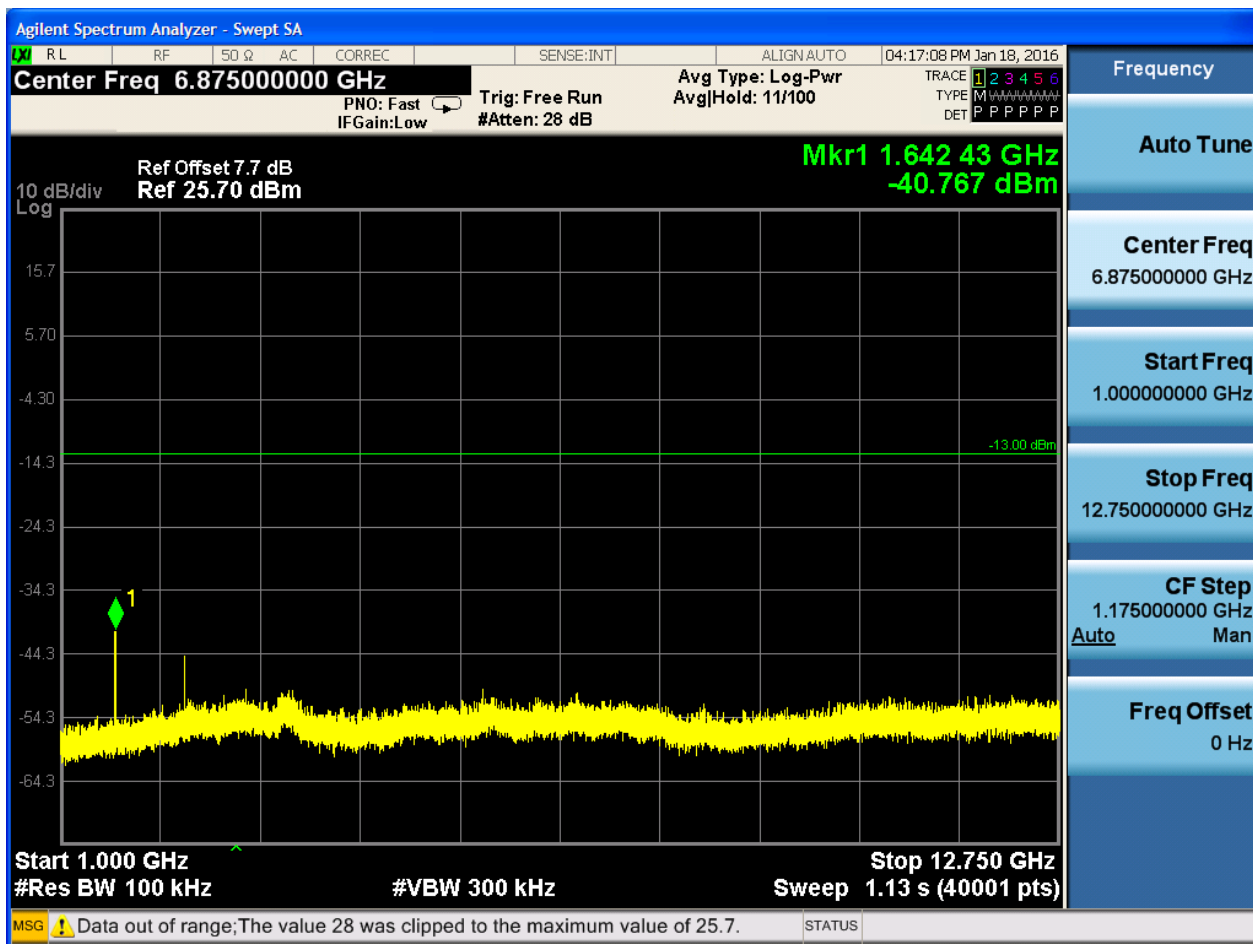
6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0







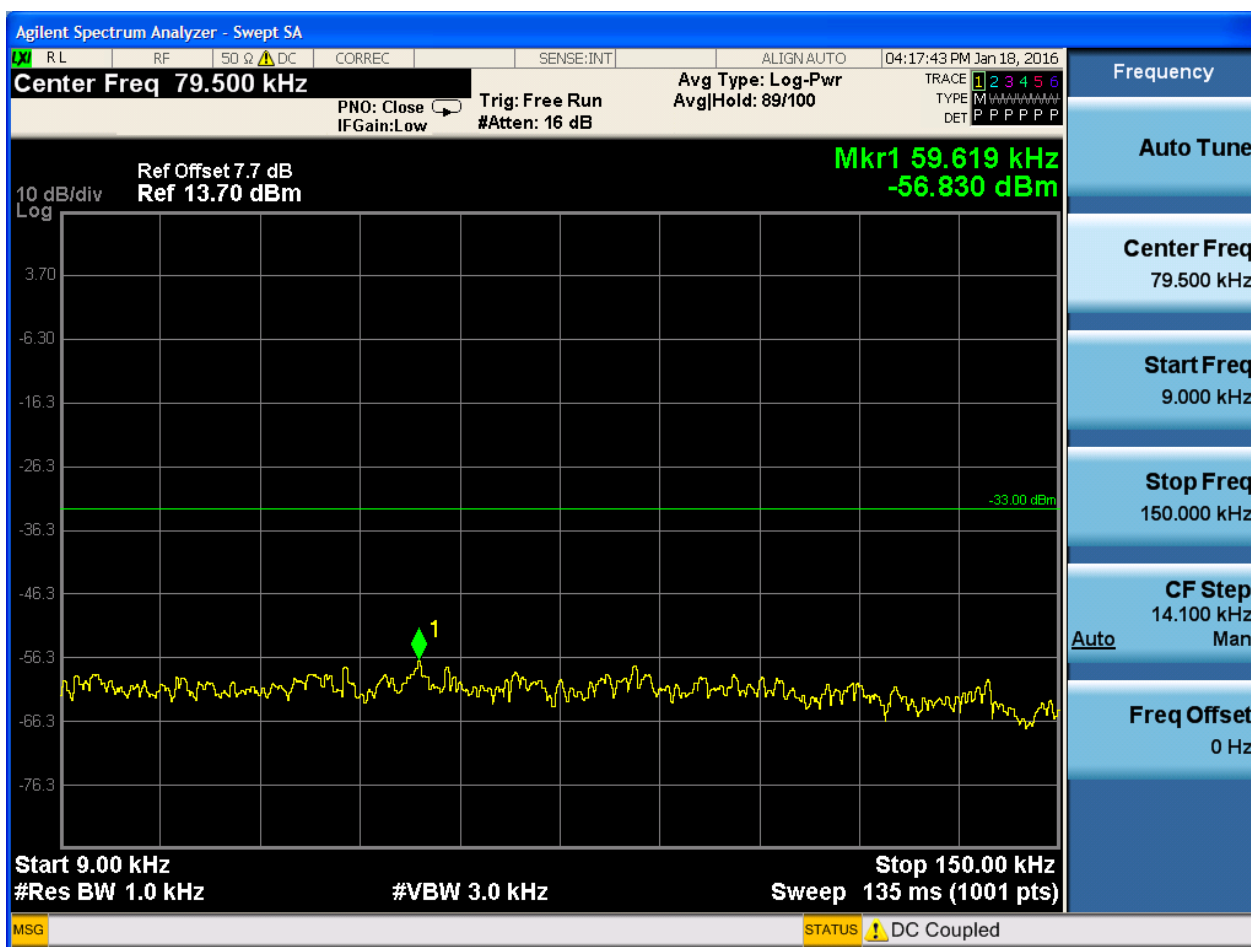


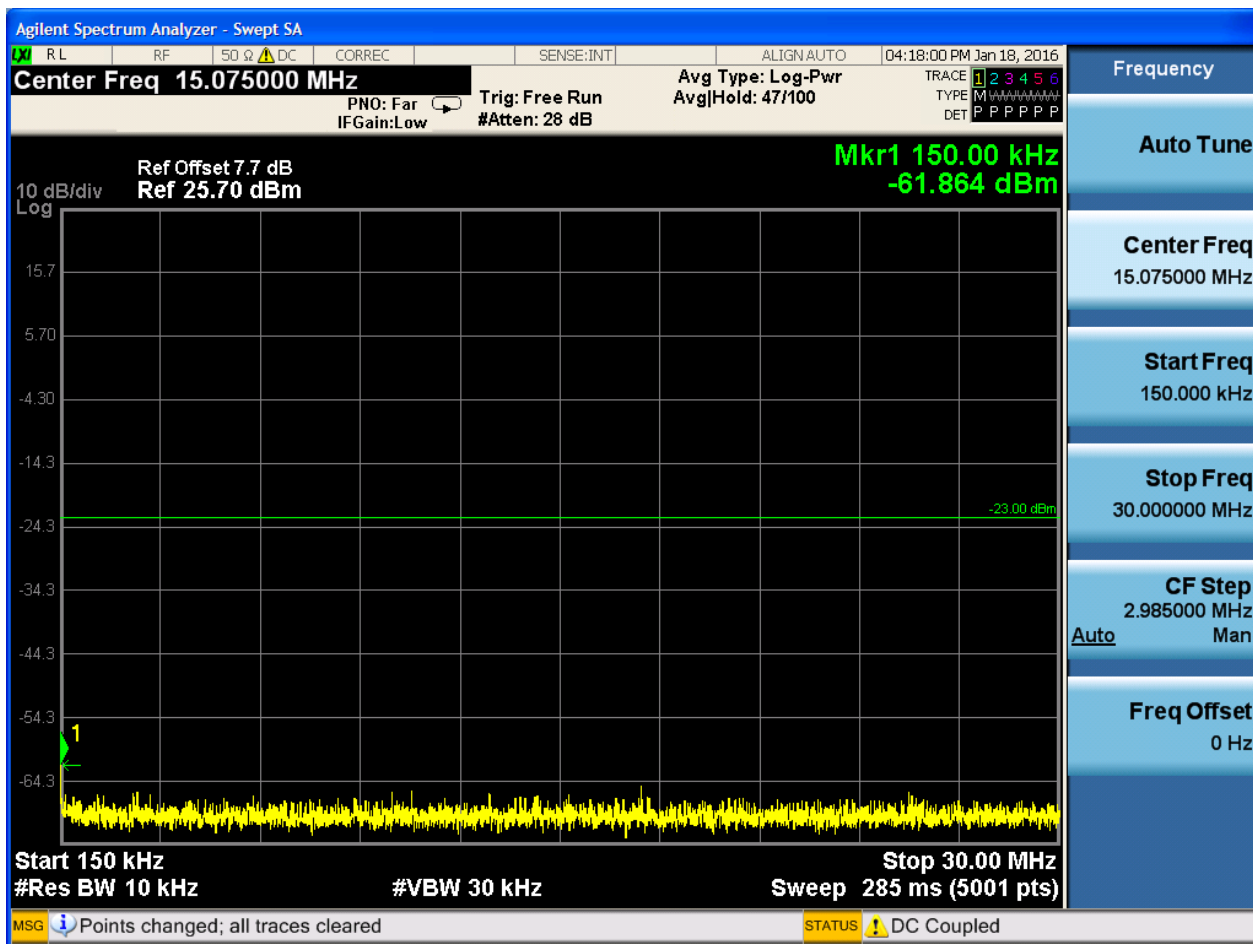


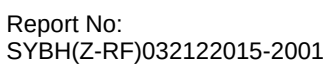
6.1.1.2.3 Test Bandwidth = 5

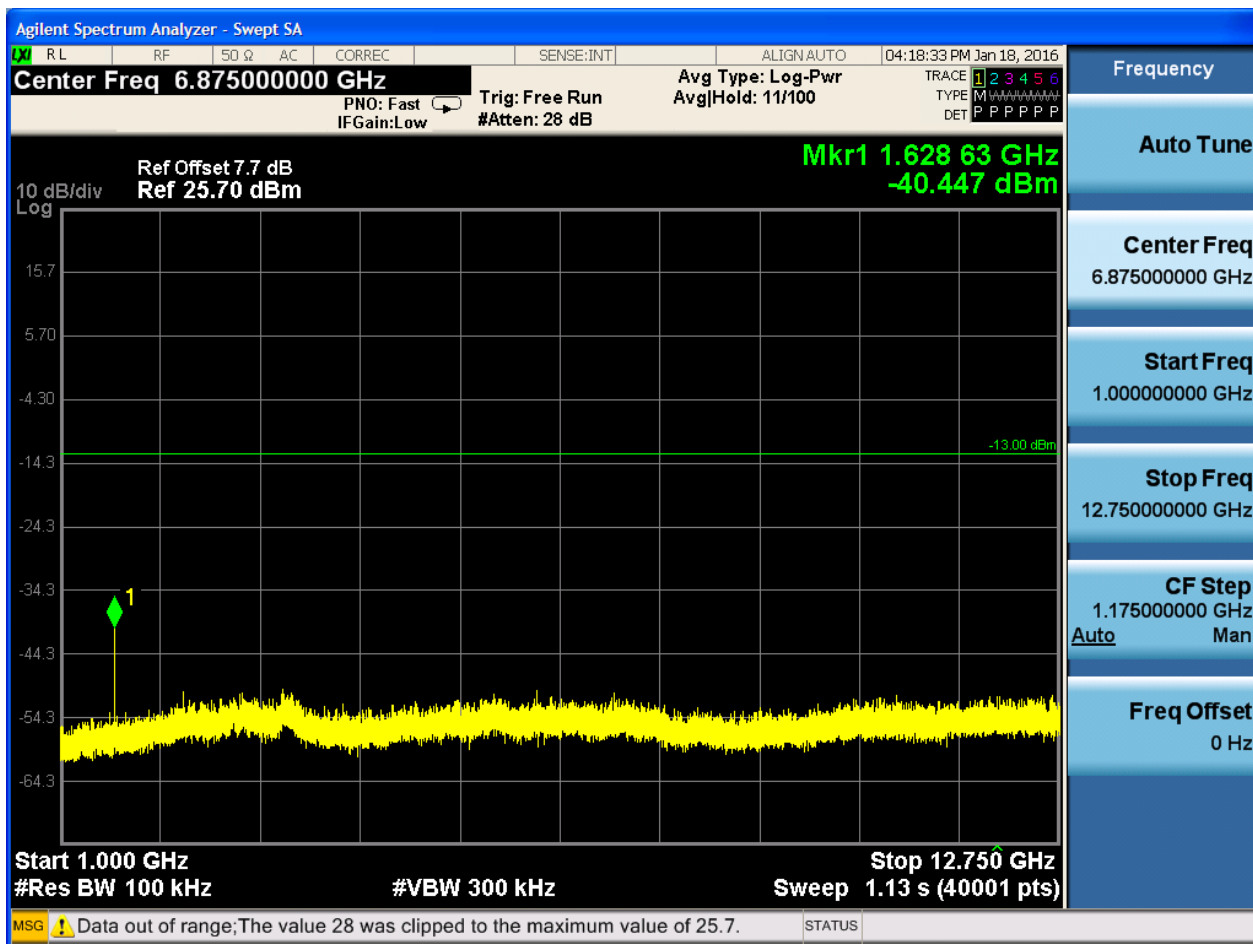
6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0



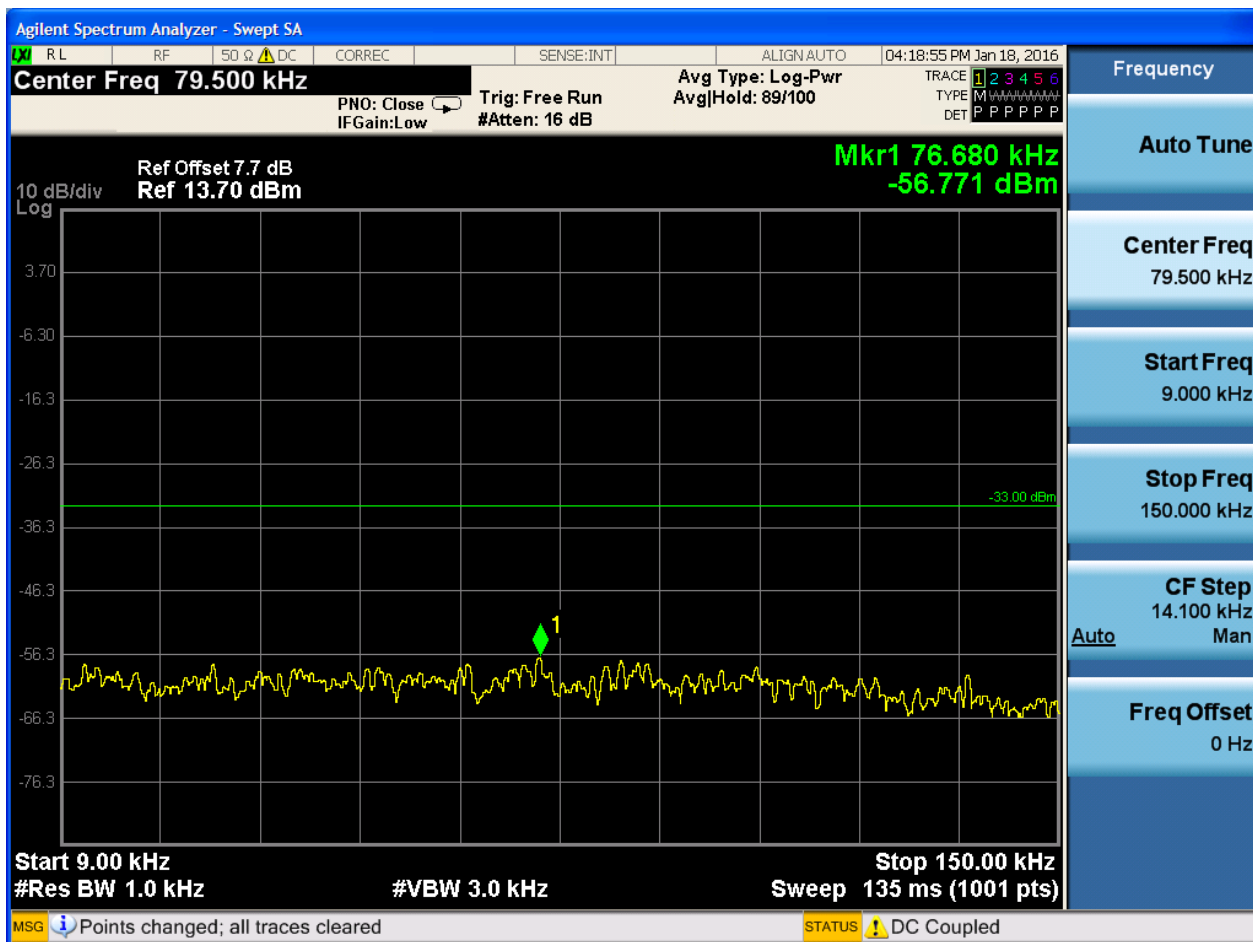


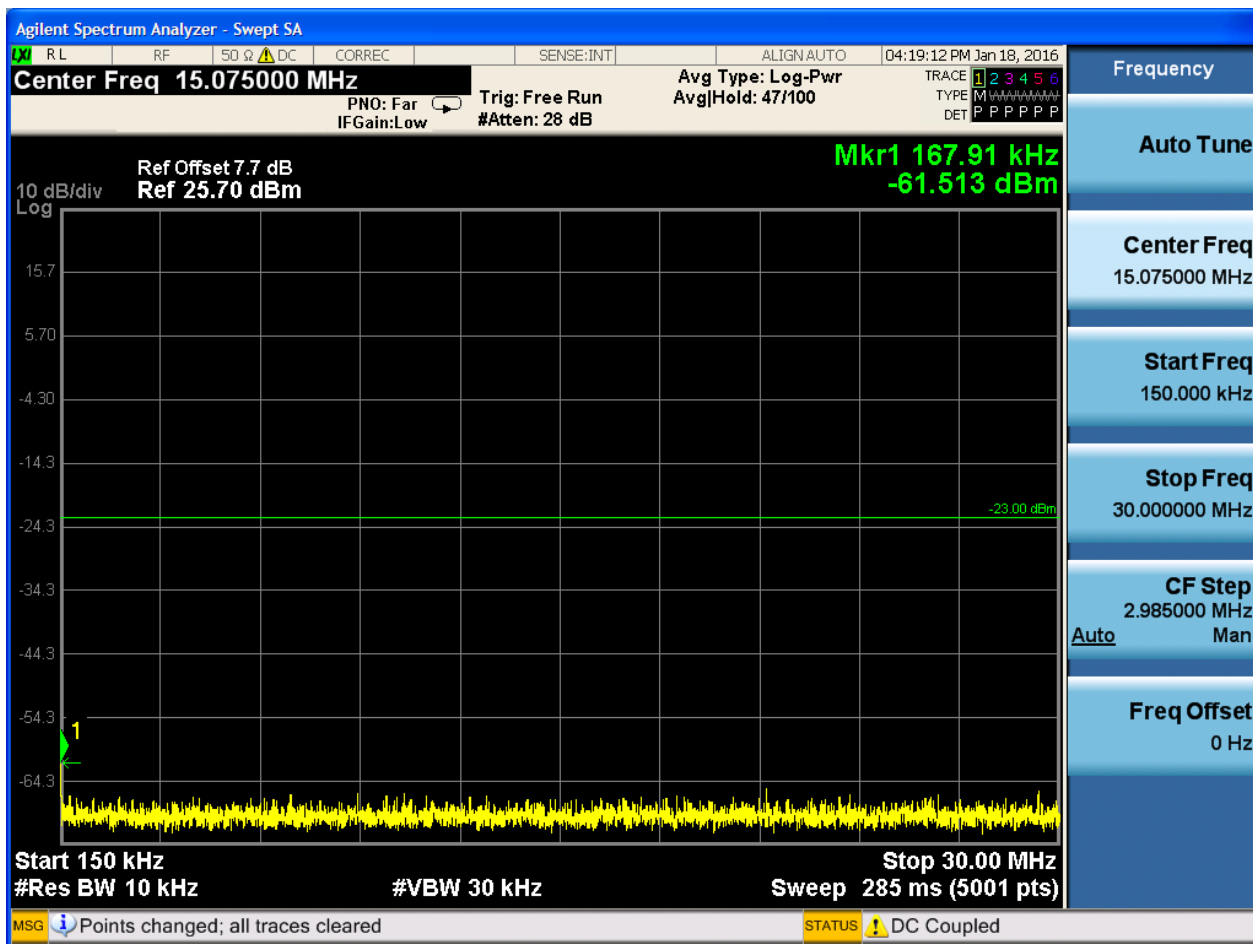


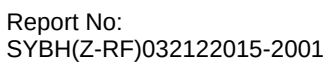


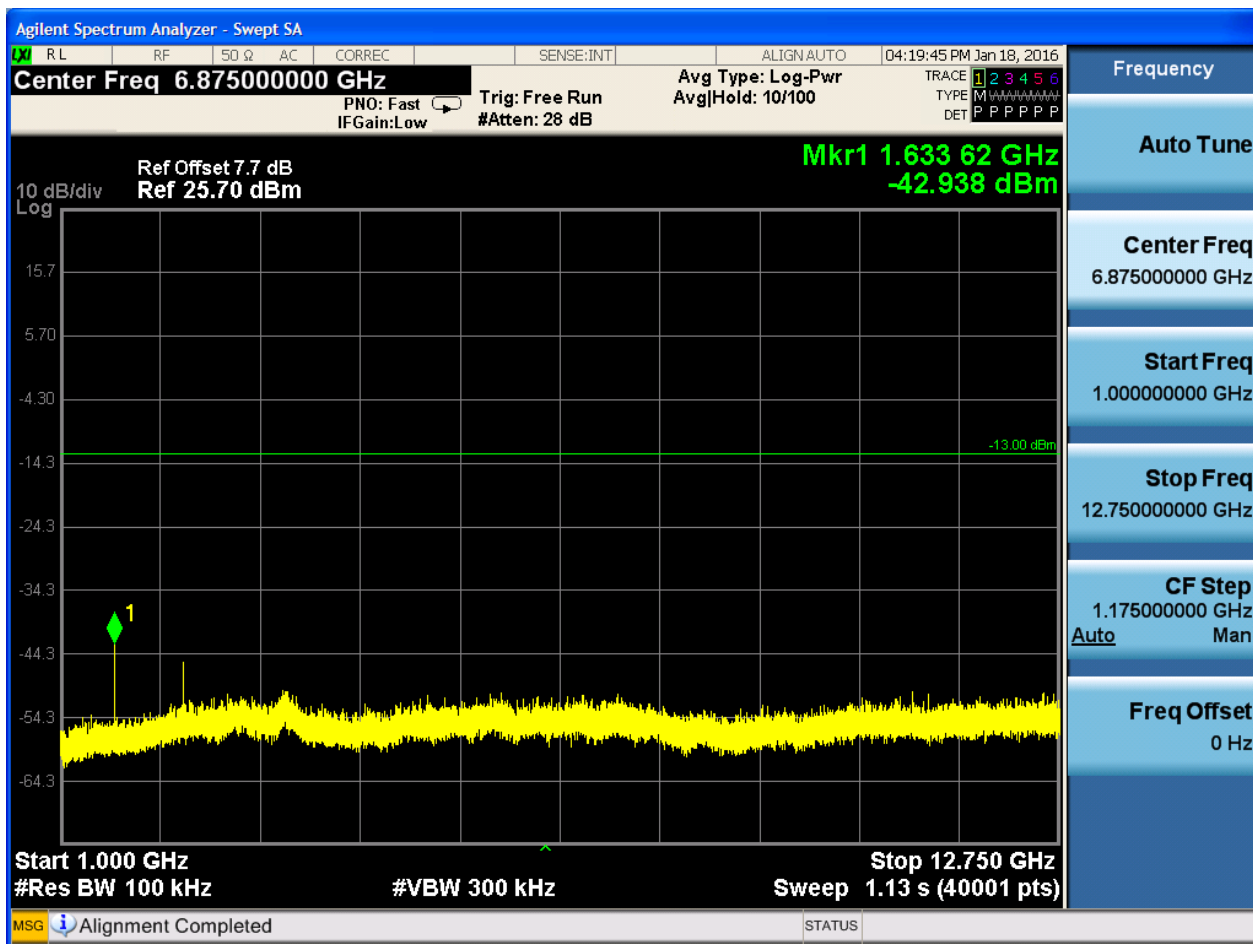
6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0



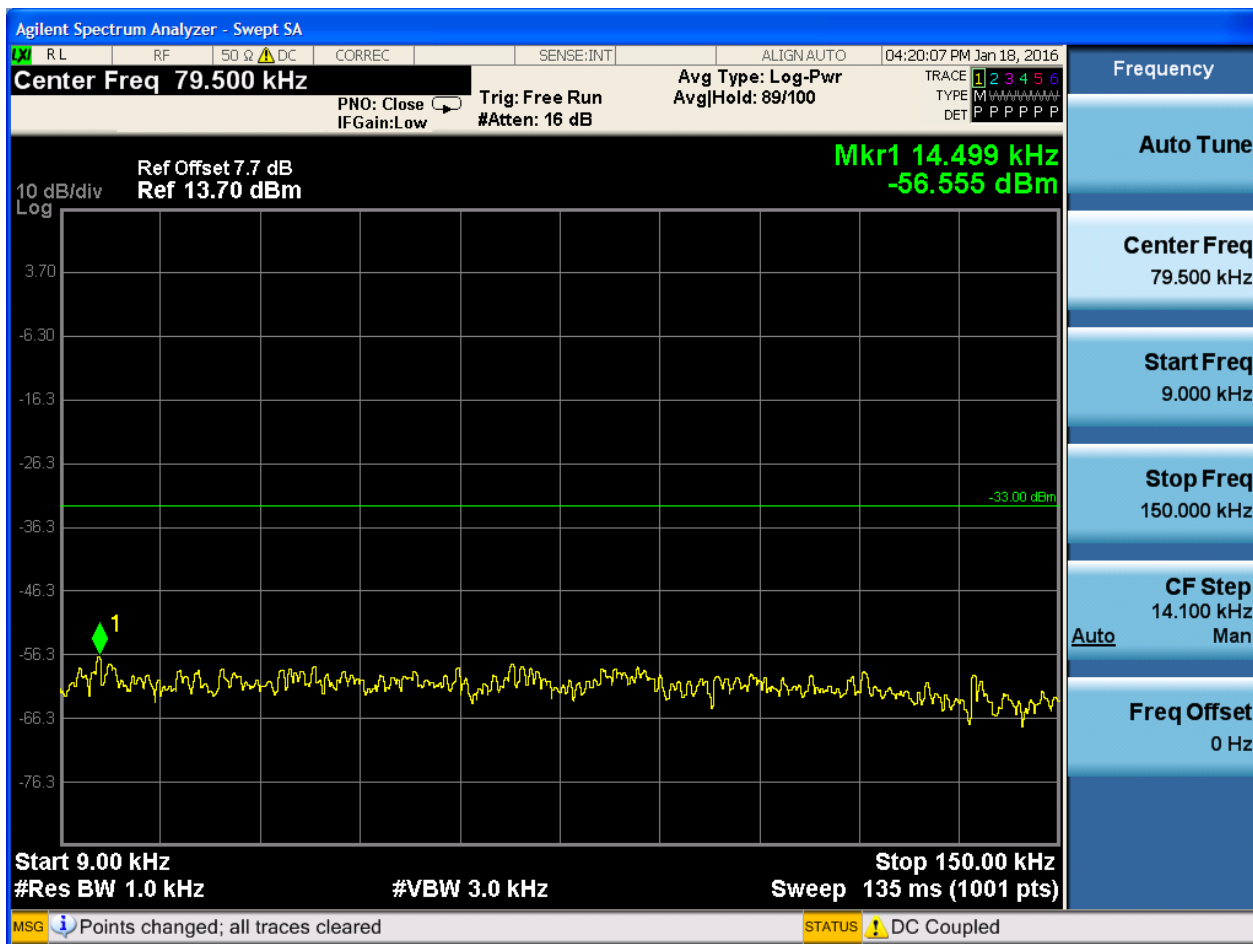


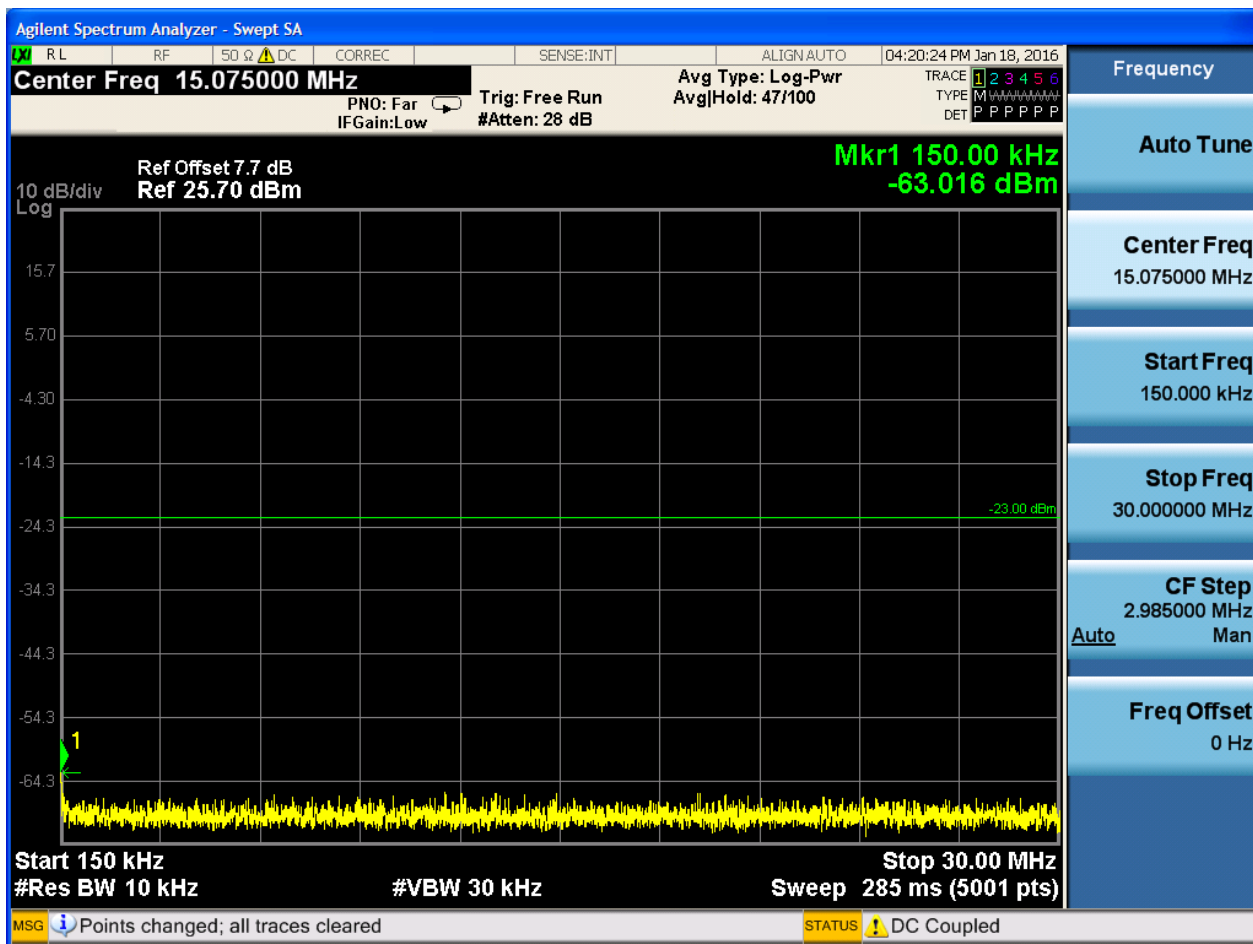


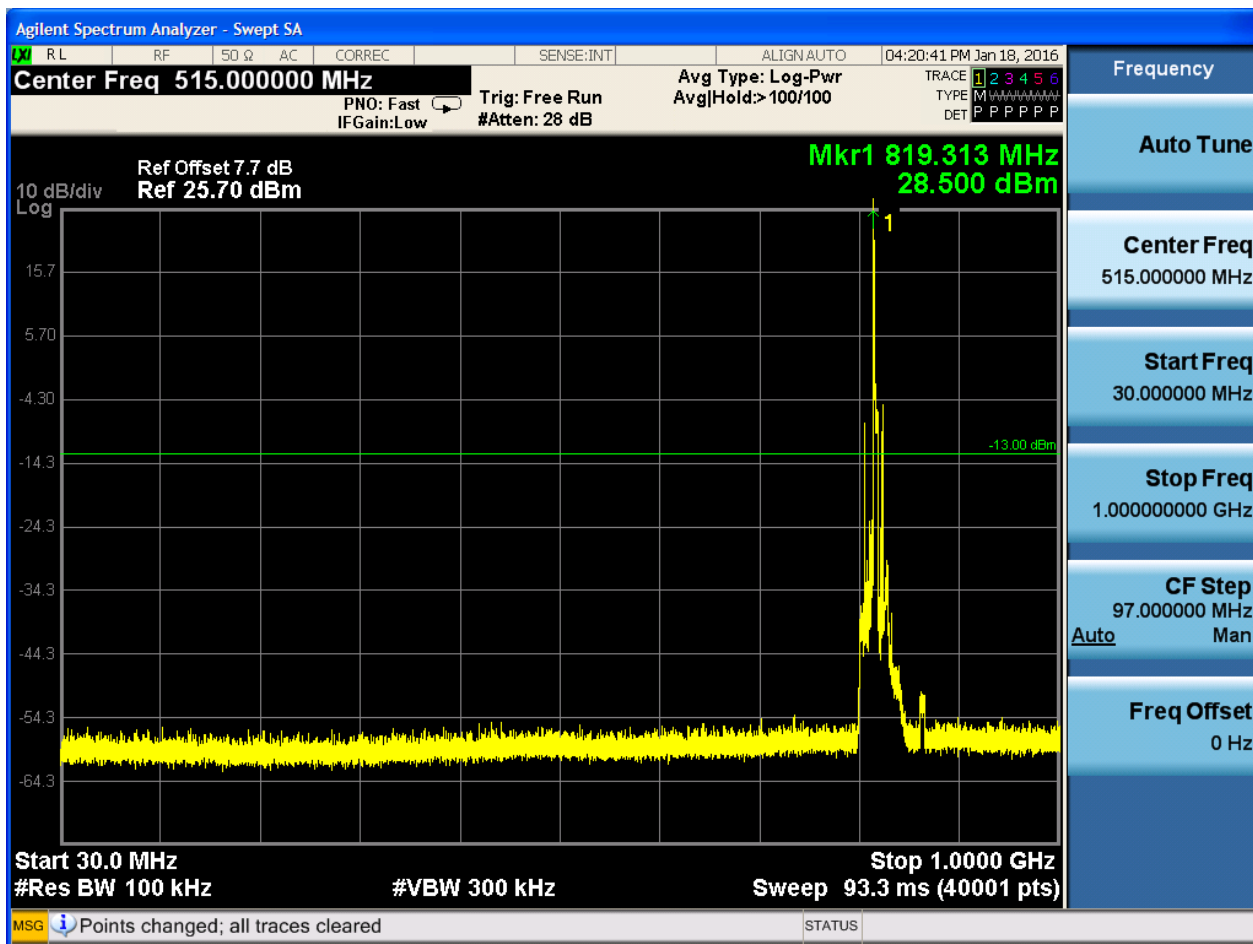


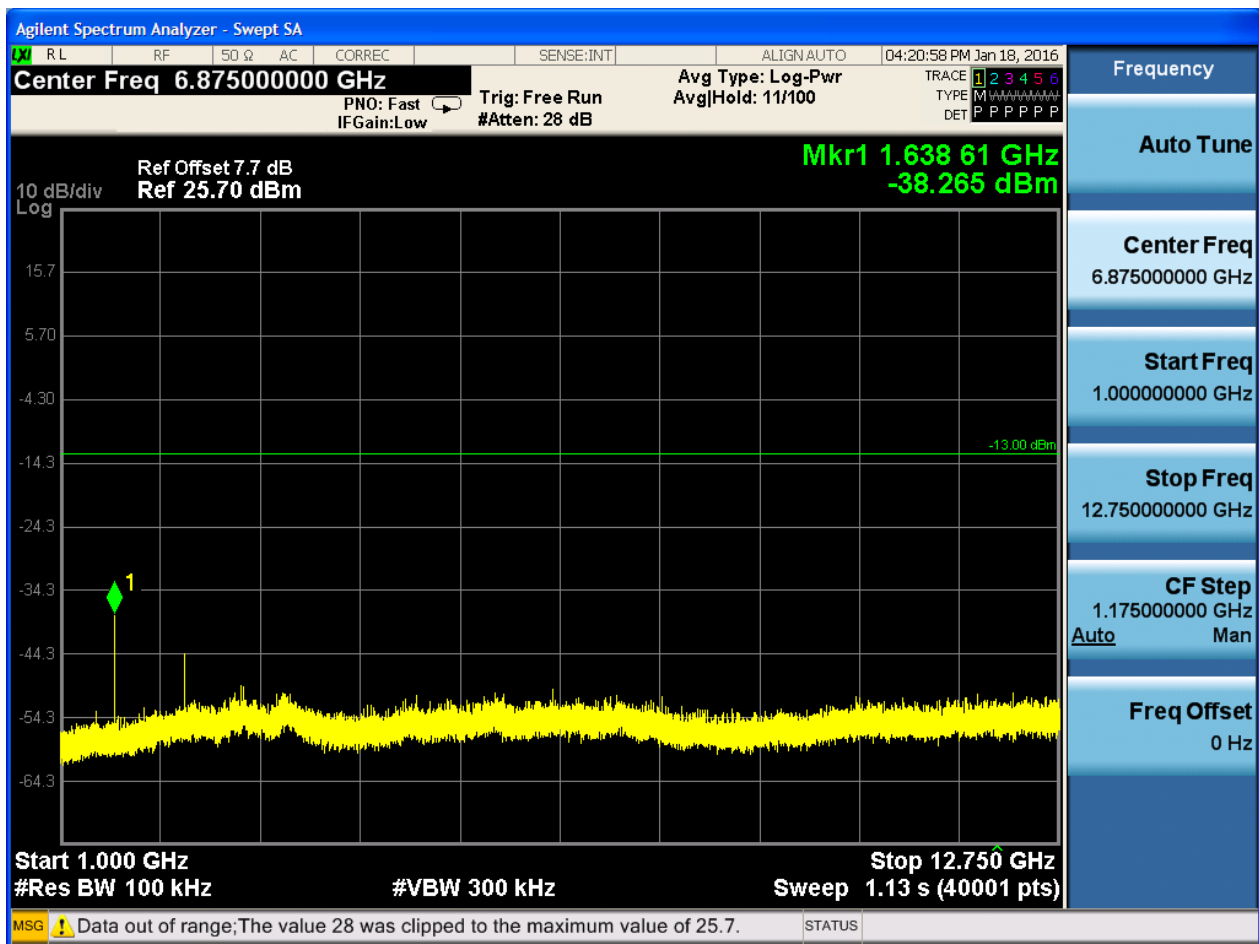
6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0





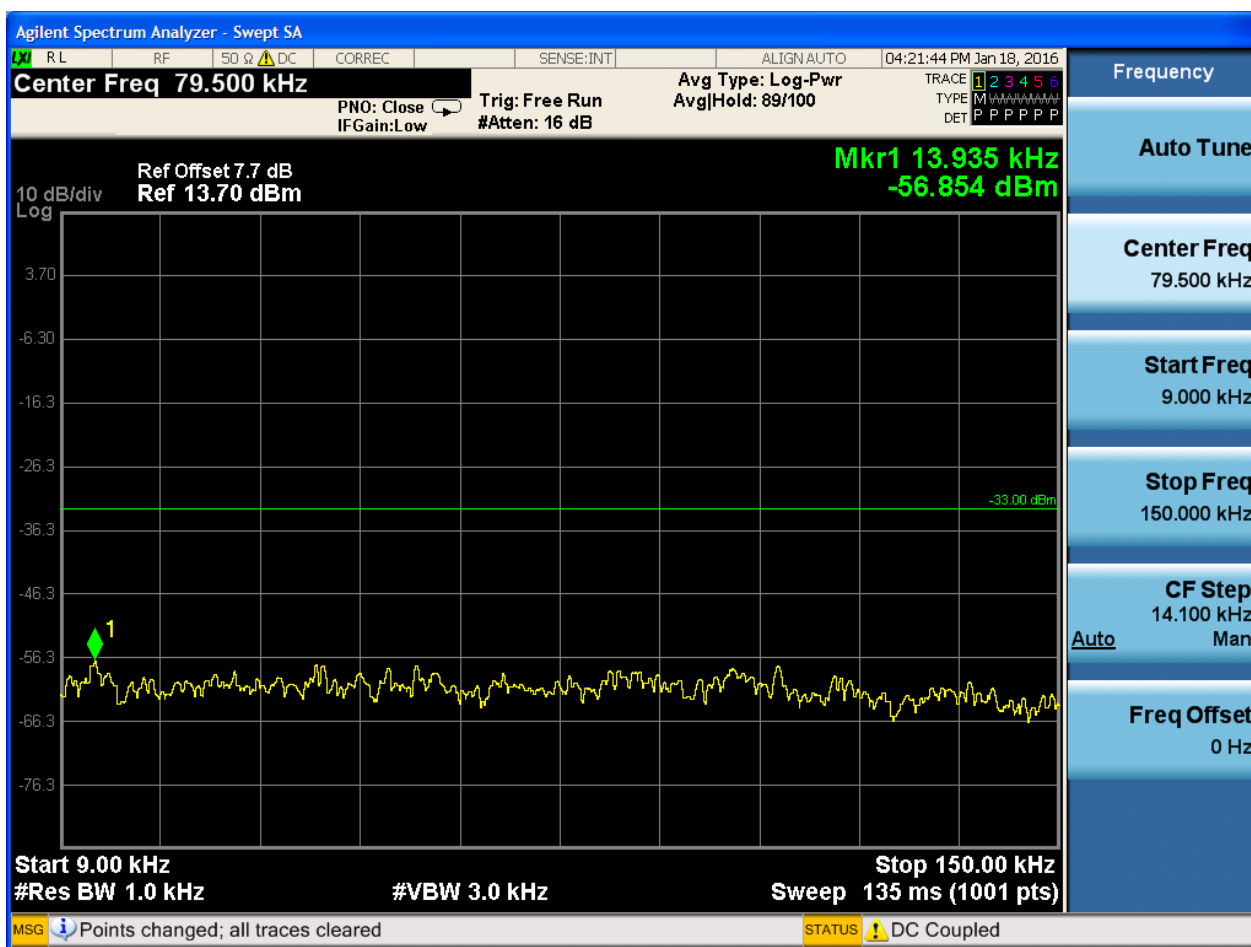


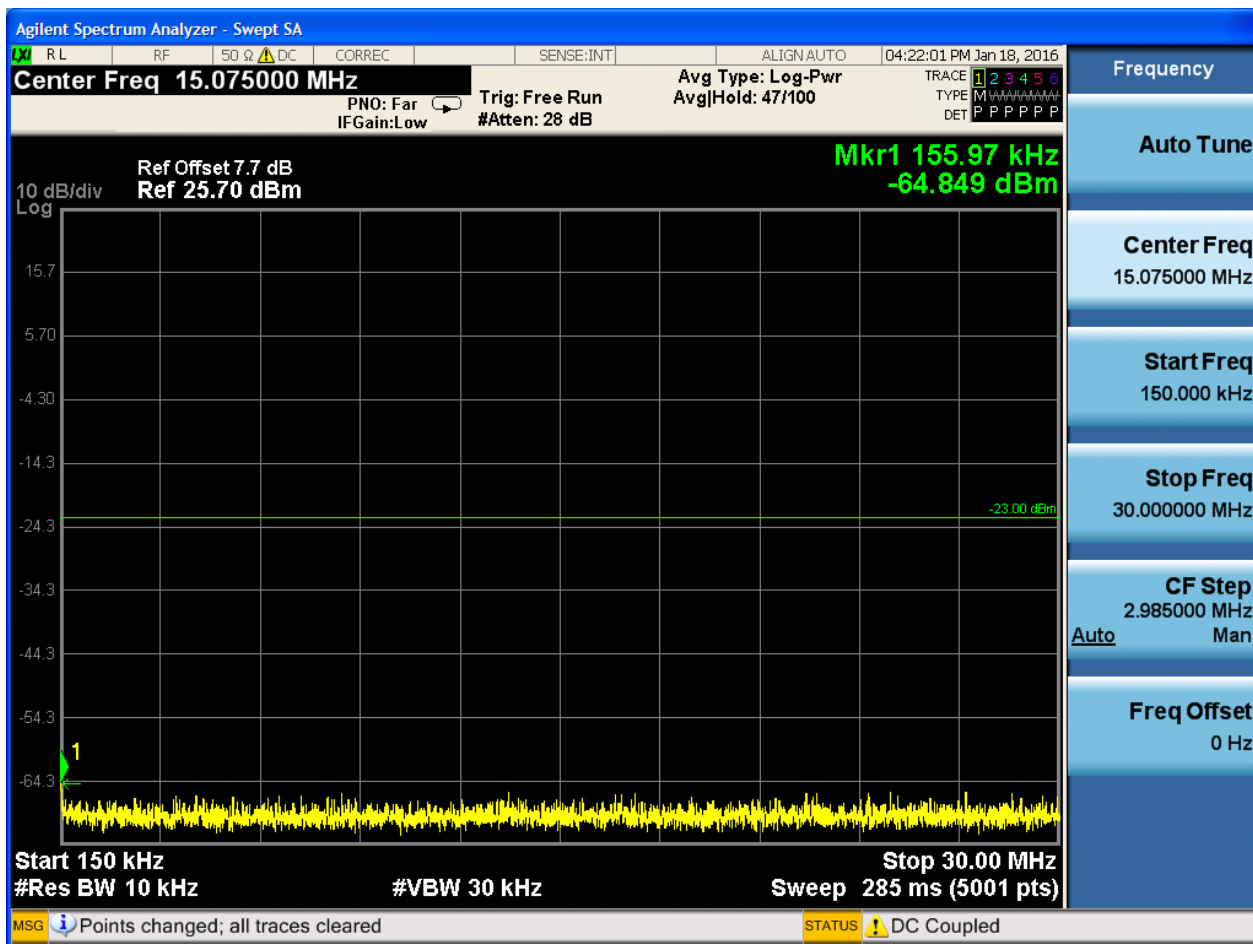


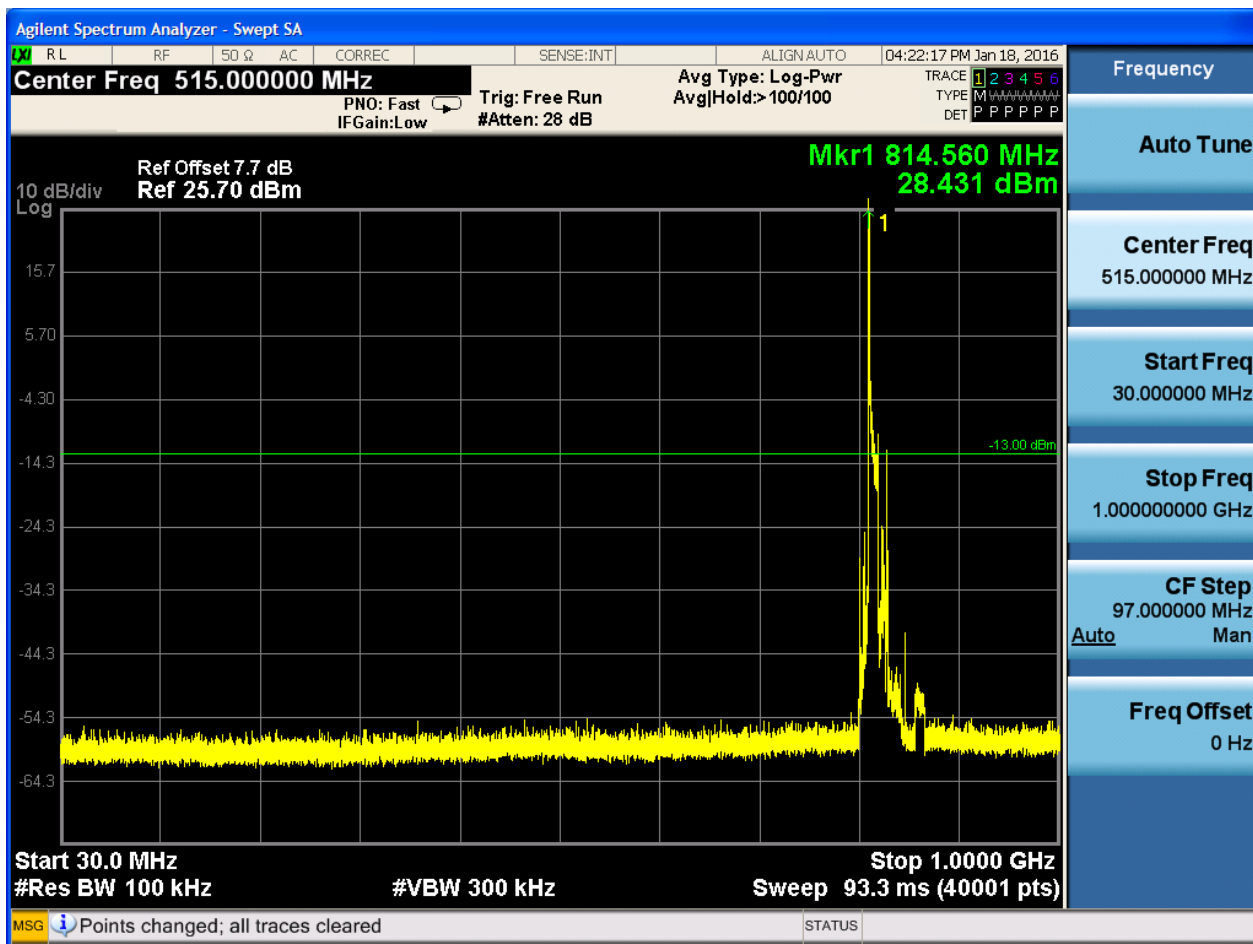
6.1.1.2.4 Test Bandwidth = 10

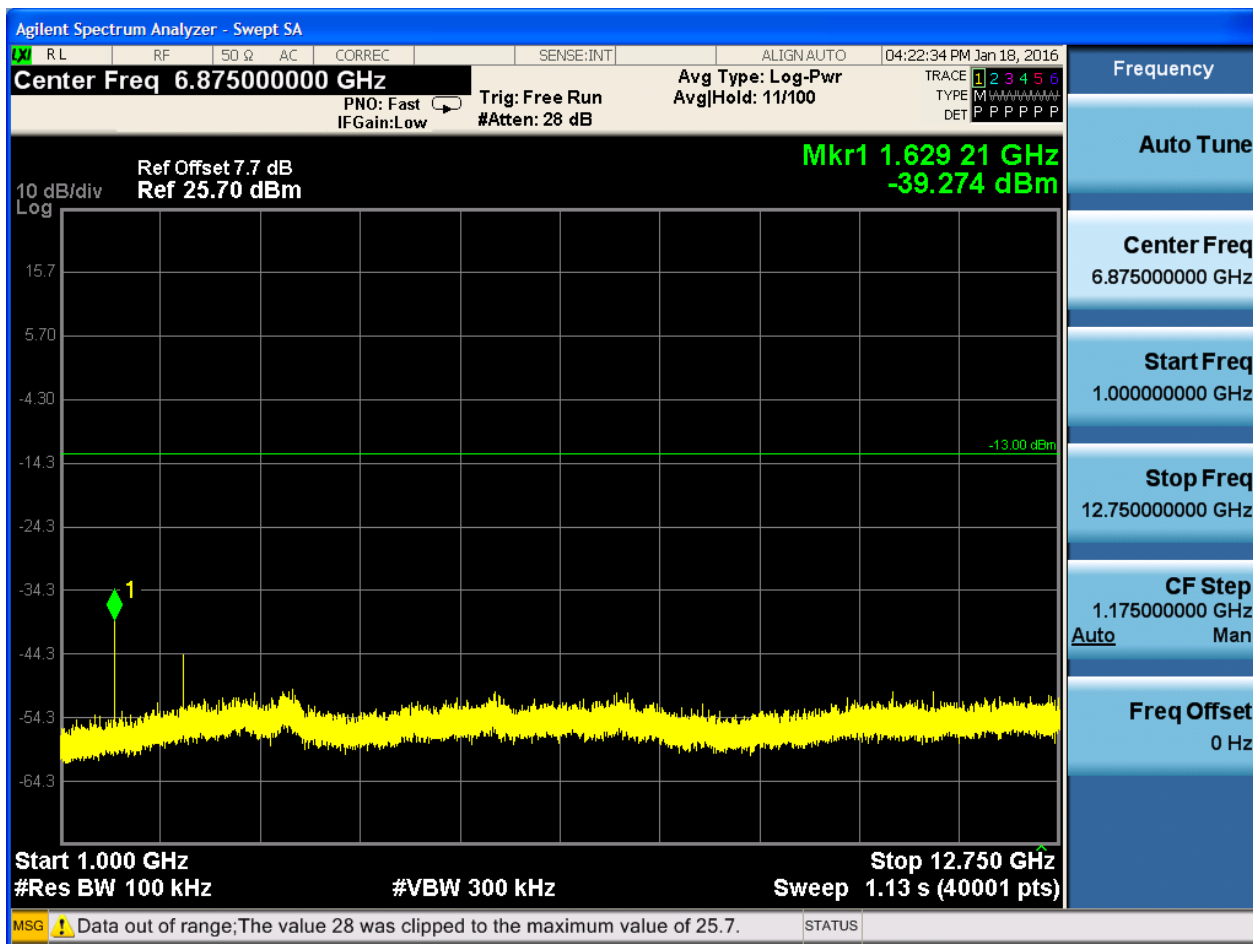
6.1.1.2.4.1 Test Channel = LCH/MCH/HCH

6.1.1.2.4.1.1 Test RB = RB1#0









7Appendix_G: Field Strength of Spurious Radiation

Note:

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

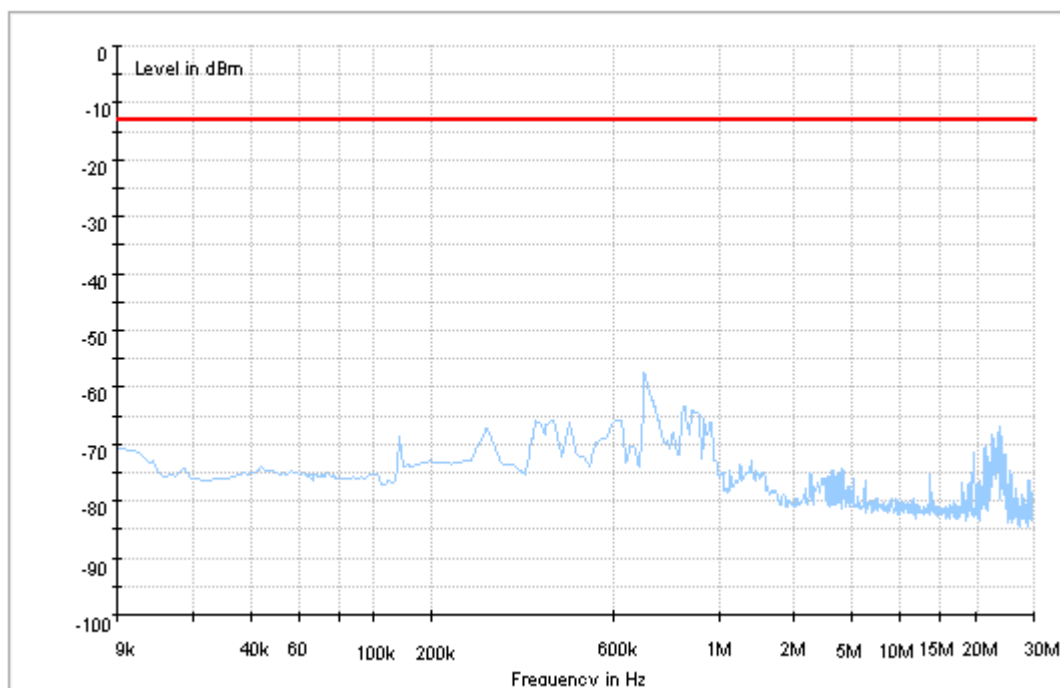
We tested all modes, but the data presented below is the worst case.

Part I - Test Plots

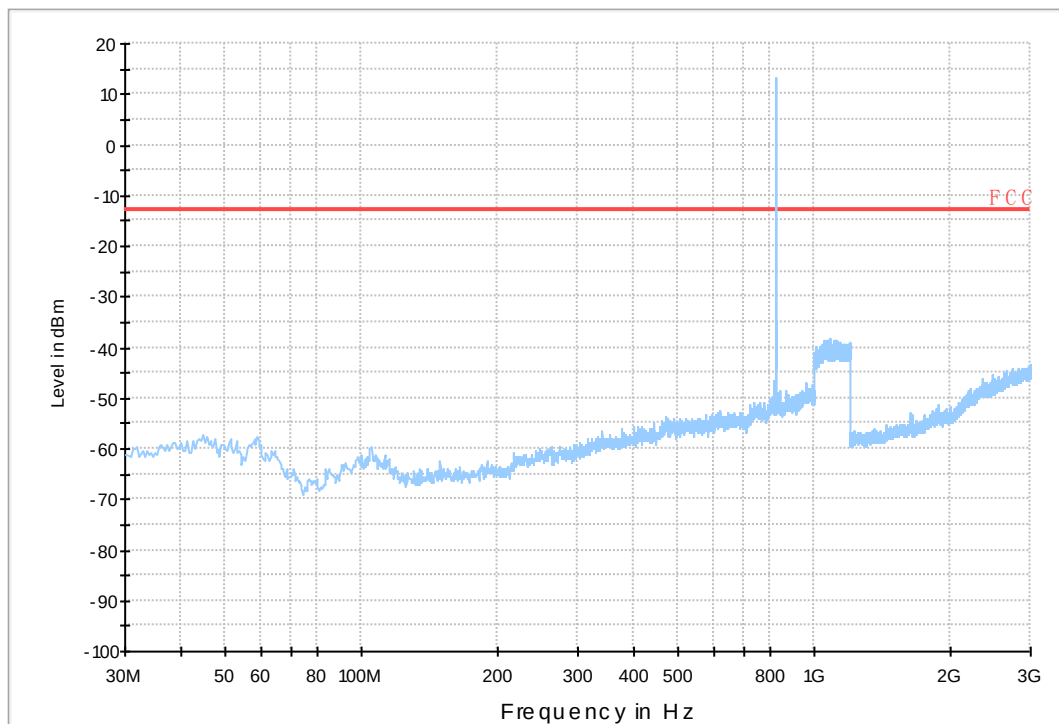
7.1 For LTE

7.1.1 Test Band = BAND26

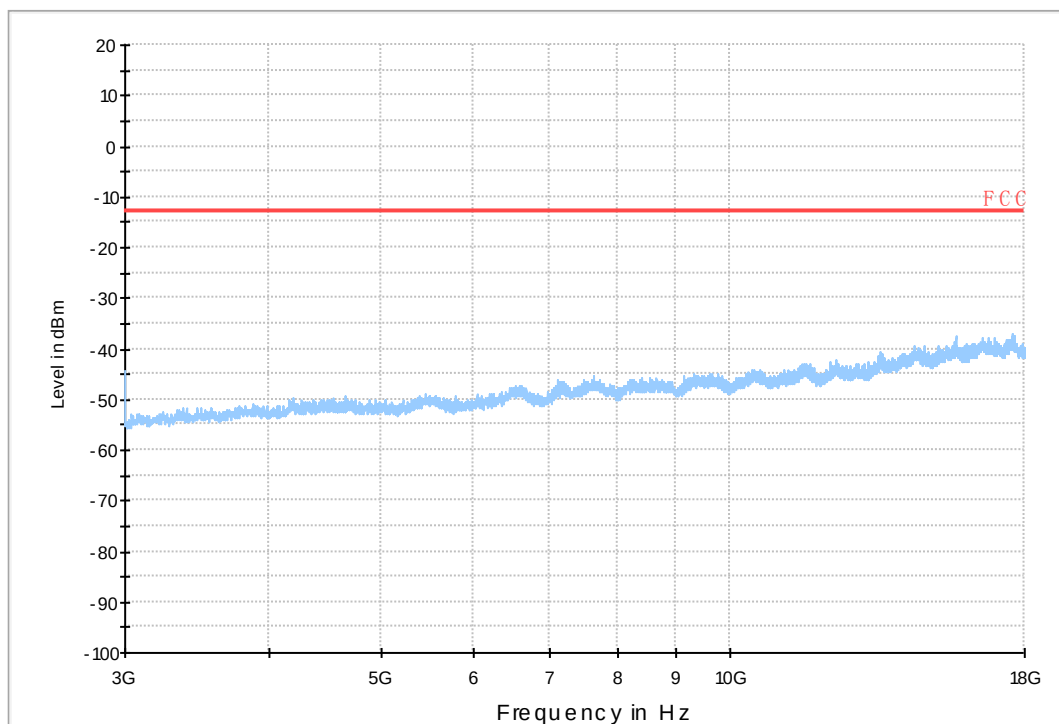
7.1.1.1 Test Bandwidth = 1.4



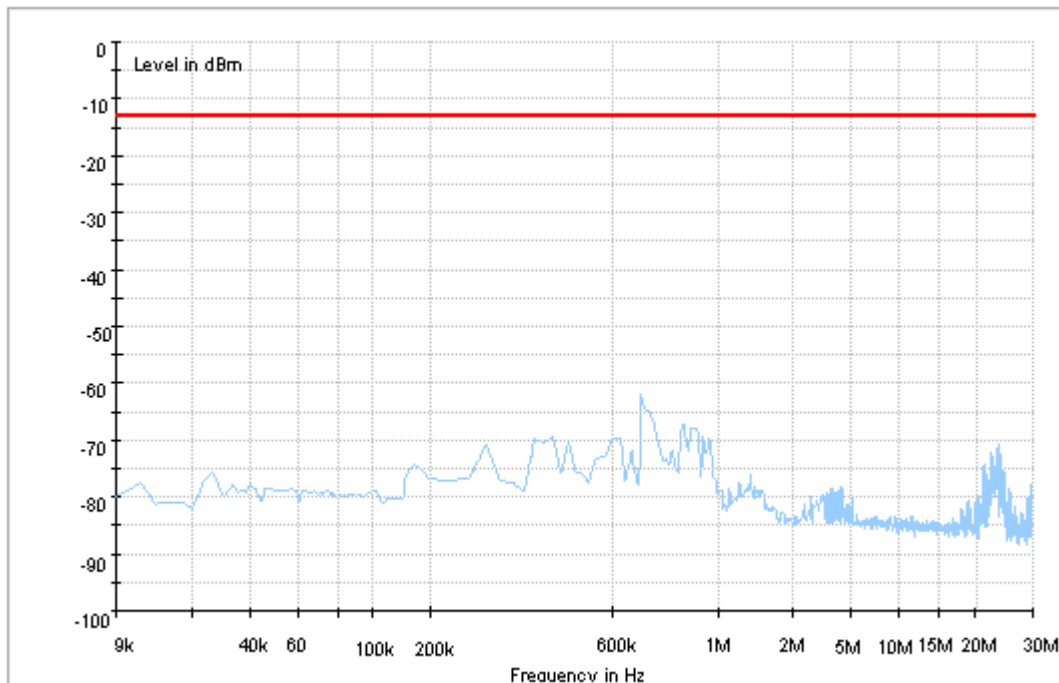
Copy of RSE-TX-DIRECTOR BELOW 1G_L



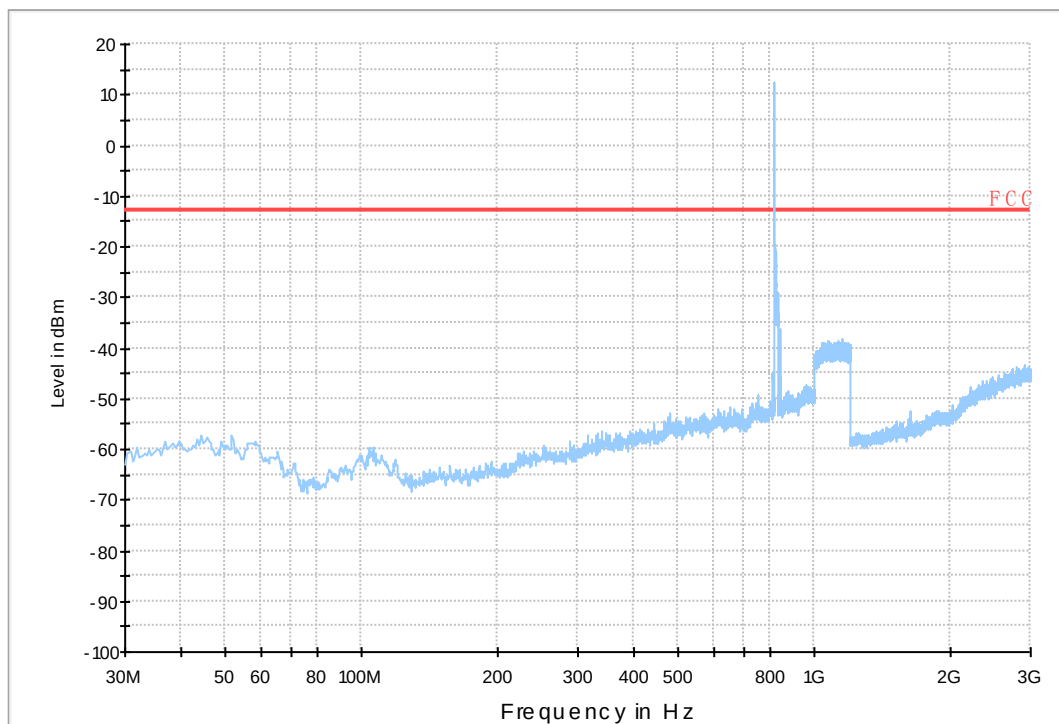
Copy of RSE-TX-DIRECTOR BELOW 1G_H



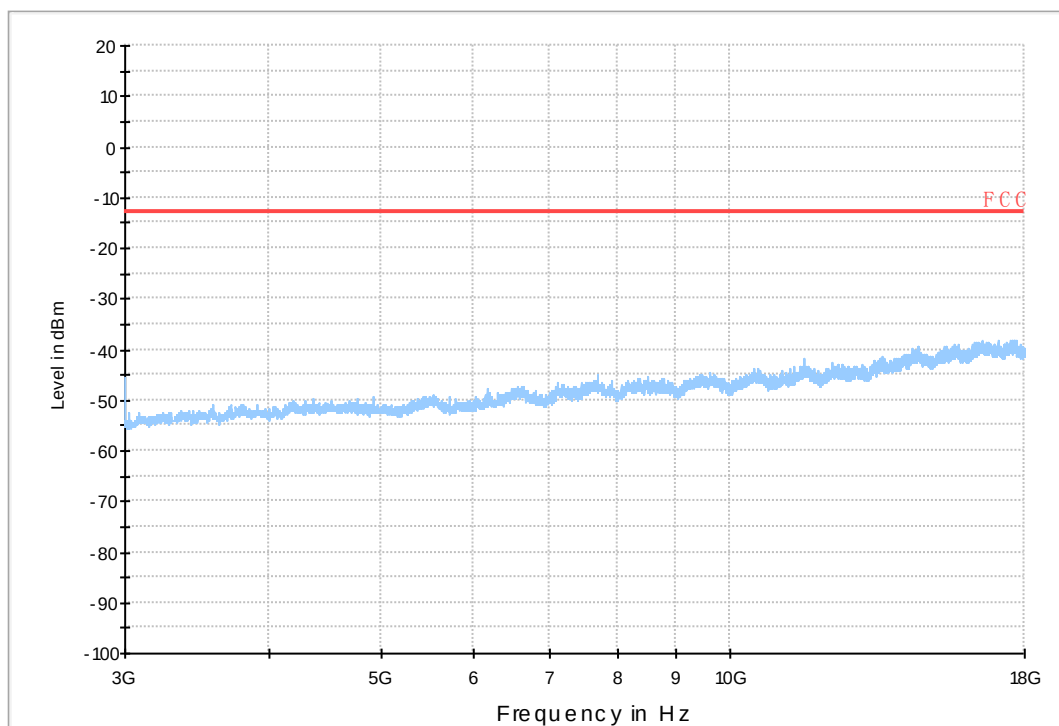
7.1.1.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L



Copy of RSE-TX-DIRECTOR BELOW 1G_H



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	0.44	0.00054	PASS
					VN	0.73	0.0009	PASS
					VH	-6.19	-0.0076	PASS
			MCH	TN	VL	9.33	0.01139	PASS
					VN	-5.87	-0.00717	PASS
					VH	8.35	0.0102	PASS
			HCH	TN	VL	-5.16	-0.00627	PASS
					VN	2.07	0.00251	PASS
					VH	-5.25	-0.00638	PASS
		3	LCH	TN	VL	-8.41	-0.01031	PASS
					VN	-3.23	-0.00396	PASS
					VH	-0.16	-0.0002	PASS
			MCH	TN	VL	2.73	0.00333	PASS
					VN	-0.82	-0.001	PASS
					VH	7.55	0.00922	PASS
			HCH	TN	VL	1.23	0.0015	PASS
					VN	3.29	0.004	PASS
					VH	4.98	0.00605	PASS
		5	LCH	TN	VL	-1.33	-0.00163	PASS
					VN	-7.04	-0.00862	PASS
					VH	-0.26	-0.00032	PASS
			MCH	TN	VL	6.22	0.00759	PASS
					VN	-4.02	-0.00491	PASS
					VH	-4.95	-0.00604	PASS
			HCH	TN	VL	3.13	0.00381	PASS
					VN	-3.08	-0.00375	PASS
					VH	-1.1	-0.00134	PASS
		10	LCH/MCH	TN	VL	2.19	0.00267	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2		/HCH		VN	-1.65	-0.00201	PASS
					VH	2.43	0.00297	PASS
					VL	-1.29	-0.00158	PASS
		1.4	LCH	TN	VN	-0.6	-0.00074	PASS
					VH	-0.37	-0.00045	PASS
					VL	-5.62	-0.00686	PASS
			MCH	TN	VN	9.81	0.01198	PASS
					VH	-3.93	-0.0048	PASS
					VL	0.43	0.00052	PASS
			HCH	TN	VN	-1.65	-0.002	PASS
					VH	1.95	0.00237	PASS
					VL	6.27	0.00769	PASS
		3	LCH	TN	VN	-5.15	-0.00632	PASS
					VH	3.09	0.00379	PASS
					VL	-0.49	-0.0006	PASS
			MCH	TN	VN	2.27	0.00277	PASS
					VH	-0.26	-0.00032	PASS
					VL	6.88	0.00836	PASS
			HCH	TN	VN	-4.21	-0.00512	PASS
					VH	0.4	0.00049	PASS
					VL	-0.41	-0.0005	PASS
		5	LCH	TN	VN	0.34	0.00042	PASS
					VH	-0.33	-0.0004	PASS
					VL	-3.05	-0.00372	PASS
			MCH	TN	VN	0.59	0.00072	PASS
					VH	4.43	0.00541	PASS
					VL	-3.89	-0.00474	PASS
			HCH	TN	VN	1.62	0.00197	PASS
					VH	2.83	0.00344	PASS
					VL	-0.62	-0.00076	PASS
		10	LCH/MCH /HCH	TN	VN	-1.06	-0.00129	PASS
					VH	4.68	0.00571	PASS
					VL	-0.62	-0.00076	PASS

8.1.2Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND26	LTE/TM1	1.4	LCH	VN	-30	0.11	0.00014	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-0.04	-0.00005	PASS
					-10	-0.69	-0.00085	PASS
					0	-6.55	-0.00804	PASS
					10	-3.35	-0.00411	PASS
					20	-0.33	-0.00041	PASS
					30	-1.49	-0.00183	PASS
					40	-8.97	-0.01101	PASS
					50	0.17	0.00021	PASS
			MCH	VN	-30	-1.97	-0.00241	PASS
					-20	2.16	0.00264	PASS
					-10	-5.58	-0.00681	PASS
					0	-8.81	-0.01076	PASS
					10	4.33	0.00529	PASS
					20	7.34	0.00896	PASS
					30	4.32	0.00527	PASS
					40	17.91	0.02187	PASS
					50	6.97	0.00851	PASS
			HCH	VN	-30	10.91	0.01325	PASS
					-20	3.33	0.00404	PASS
					-10	1.43	0.00174	PASS
					0	10.37	0.0126	PASS
					10	-7.34	-0.00892	PASS
					20	10.79	0.01311	PASS
					30	-3.28	-0.00398	PASS
					40	-20.24	-0.02458	PASS
					50	-2.62	-0.00318	PASS
		3	LCH	VN	-30	-0.7	-0.00086	PASS
					-20	19.04	0.02335	PASS
					-10	-1.63	-0.002	PASS
					0	-4.88	-0.00598	PASS
					10	-1.47	-0.0018	PASS
					20	3.09	0.00379	PASS
					30	0.93	0.00114	PASS
					40	-0.24	-0.00029	PASS
					50	6.08	0.00746	PASS
			MCH	VN	-30	3	0.00366	PASS
					-20	0.73	0.00089	PASS
					-10	1.79	0.00219	PASS
					0	-1.67	-0.00204	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	1.83	0.00223	PASS
					20	2.86	0.00349	PASS
					30	-2.13	-0.0026	PASS
					40	-0.37	-0.00045	PASS
					50	-1.62	-0.00198	PASS
			HCH	VN	-30	13.75	0.01672	PASS
					-20	7.65	0.0093	PASS
					-10	1.22	0.00148	PASS
					0	-0.17	-0.00021	PASS
					10	5.28	0.00642	PASS
					20	2.59	0.00315	PASS
					30	-0.3	-0.00036	PASS
					40	2.98	0.00362	PASS
					50	0.89	0.00108	PASS
		5	LCH	VN	-30	-0.31	-0.00038	PASS
					-20	-0.77	-0.00094	PASS
					-10	-0.21	-0.00026	PASS
					0	1.27	0.00156	PASS
					10	-2.82	-0.00345	PASS
					20	4.18	0.00512	PASS
					30	0.96	0.00118	PASS
					40	-0.56	-0.00069	PASS
					50	-2.06	-0.00252	PASS
			MCH	VN	-30	1.89	0.00231	PASS
					-20	2.88	0.00352	PASS
					-10	-4.08	-0.00498	PASS
					0	-4.08	-0.00498	PASS
					10	-3.53	-0.00431	PASS
					20	-0.14	-0.00017	PASS
					30	-3.68	-0.00449	PASS
					40	-1.09	-0.00133	PASS
					50	-2.29	-0.0028	PASS
			HCH	VN	-30	-3.42	-0.00416	PASS
					-20	0.99	0.00121	PASS
					-10	-0.89	-0.00108	PASS
					0	-6.84	-0.00833	PASS
					10	-0.43	-0.00052	PASS
					20	-0.69	-0.00084	PASS
					30	3.75	0.00456	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		10	LCH/MCH /HCH	VN	40	-2.78	-0.00338	PASS
					50	1.2	0.00146	PASS
					-30	1.99	0.00243	PASS
					-20	1.52	0.00186	PASS
					-10	-1.16	-0.00142	PASS
					0	-1.53	-0.00187	PASS
					10	-0.89	-0.00109	PASS
					20	1.66	0.00203	PASS
					30	-1.22	-0.00149	PASS
					40	3.06	0.00374	PASS
					50	1.22	0.00149	PASS
	LTE/TM2	1.4	LCH	VN	-30	0.59	0.00072	PASS
					-20	-2.02	-0.00248	PASS
					-10	1.12	0.00137	PASS
					0	-1.79	-0.0022	PASS
					10	0.17	0.00021	PASS
					20	-0.72	-0.00088	PASS
					30	-5.45	-0.00669	PASS
					40	-4.51	-0.00554	PASS
					50	2.4	0.00295	PASS
			MCH	VN	-30	0.8	0.00098	PASS
					-20	6.09	0.00744	PASS
					-10	-6.39	-0.0078	PASS
					0	-0.54	-0.00066	PASS
					10	-23.88	-0.02916	PASS
					20	-2.19	-0.00267	PASS
					30	2	0.00244	PASS
					40	-6.08	-0.00742	PASS
					50	25.16	0.03072	PASS
			HCH	VN	-30	-1.09	-0.00132	PASS
					-20	-0.29	-0.00035	PASS
					-10	-8.25	-0.01002	PASS
					0	1.92	0.00233	PASS
					10	-11.12	-0.01351	PASS
					20	-2.88	-0.0035	PASS
					30	0.6	0.00073	PASS
					40	-0.39	-0.00047	PASS
					50	2.25	0.00273	PASS
		3	LCH	VN	-30	-4.73	-0.0058	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	2.43	0.00298	PASS
					-10	-4.43	-0.00543	PASS
					0	2.2	0.0027	PASS
					10	3.93	0.00482	PASS
					20	-6.07	-0.00744	PASS
					30	3.43	0.00421	PASS
					40	3	0.00368	PASS
					50	3.88	0.00476	PASS
			MCH	VN	-30	-0.34	-0.00042	PASS
					-20	1.77	0.00216	PASS
					-10	-1.29	-0.00158	PASS
					0	3.62	0.00442	PASS
					10	-3.99	-0.00487	PASS
					20	4.46	0.00545	PASS
					30	-5.22	-0.00637	PASS
					40	-5.76	-0.00703	PASS
					50	-12.26	-0.01497	PASS
			HCH	VN	-30	6.11	0.00743	PASS
					-20	2.68	0.00326	PASS
					-10	-0.11	-0.00013	PASS
					0	4.45	0.00541	PASS
					10	-2.63	-0.0032	PASS
					20	-4.59	-0.00558	PASS
					30	5.19	0.00631	PASS
					40	-1.75	-0.00213	PASS
					50	-1.62	-0.00197	PASS
		5	LCH	VN	-30	-0.92	-0.00113	PASS
					-20	1.7	0.00208	PASS
					-10	-2.23	-0.00273	PASS
					0	2.29	0.0028	PASS
					10	0.63	0.00077	PASS
					20	-0.63	-0.00077	PASS
					30	-1.42	-0.00174	PASS
					40	0.26	0.00032	PASS
					50	-2.72	-0.00333	PASS
			MCH	VN	-30	0.01	0.00001	PASS
					-20	0.62	0.00076	PASS
					-10	-3.23	-0.00394	PASS
					0	-0.74	-0.0009	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-26.64	-0.03253	PASS
					20	-0.77	-0.00094	PASS
					30	-3.53	-0.00431	PASS
					40	5.91	0.00722	PASS
					50	-7.75	-0.00946	PASS
			HCH	VN	-30	1.77	0.00215	PASS
					-20	4.13	0.00503	PASS
					-10	-0.7	-0.00085	PASS
					0	4.82	0.00587	PASS
					10	-2.4	-0.00292	PASS
		10	LCH/MCH /HCH	VN	20	2.43	0.00296	PASS
					30	-1.24	-0.00151	PASS
					40	2.75	0.00335	PASS
					50	-3.83	-0.00466	PASS
					-30	-1.69	-0.00206	PASS
					-20	1.65	0.00201	PASS
					-10	0.96	0.00117	PASS
					0	0.72	0.00088	PASS
					10	0.97	0.00118	PASS
					20	-4.82	-0.00589	PASS
					30	1.3	0.00159	PASS
					40	-0.37	-0.00045	PASS
					50	-2.37	-0.00289	PASS

END