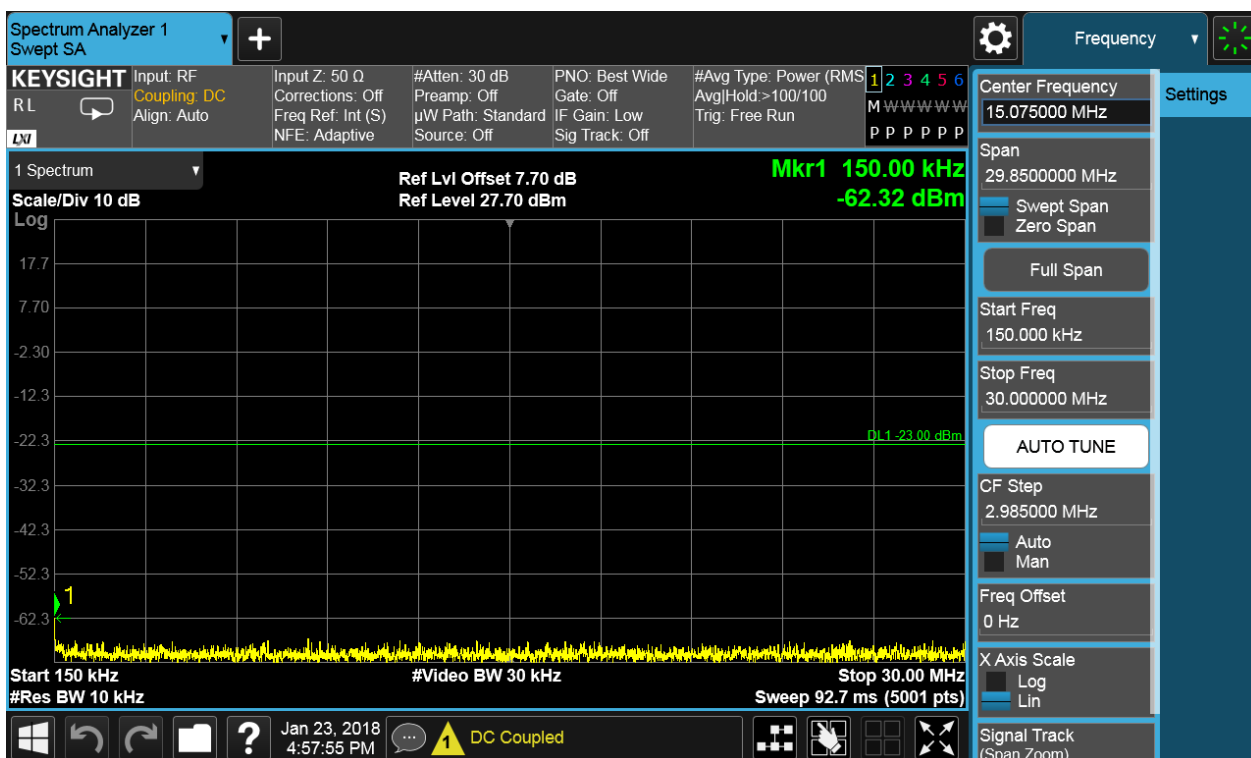
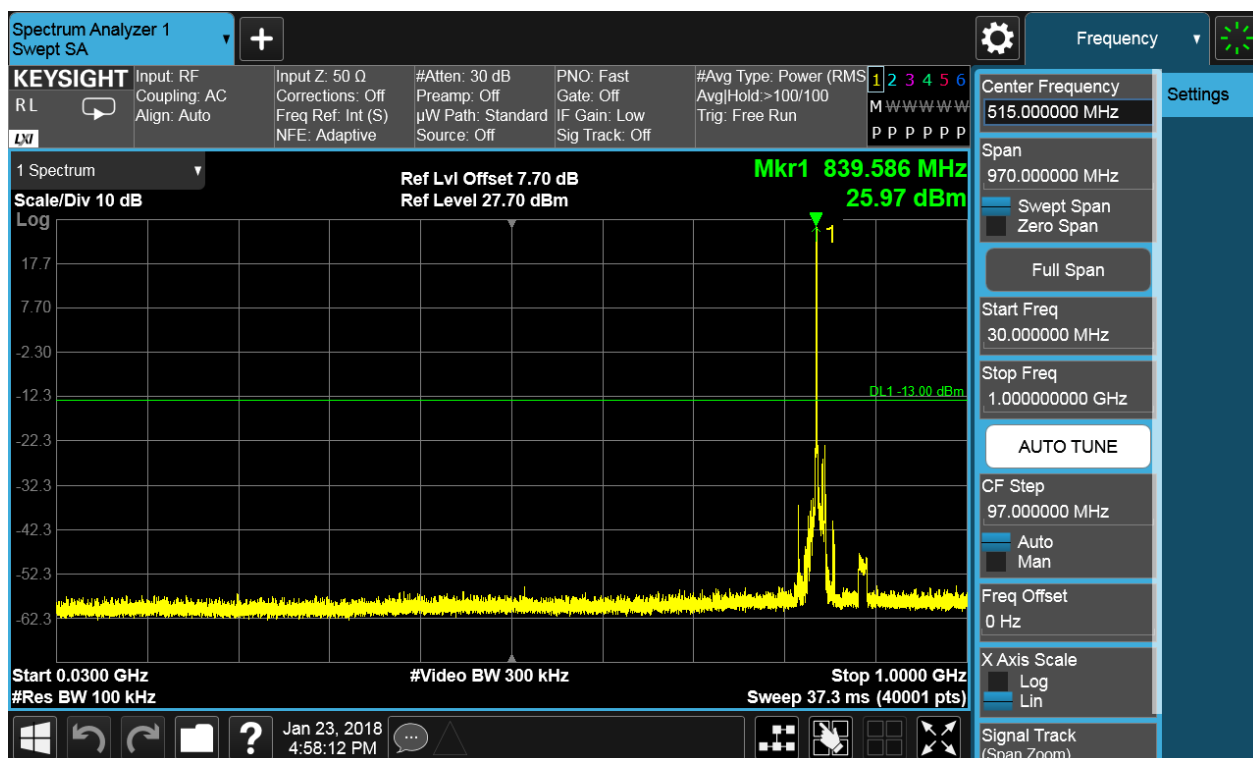
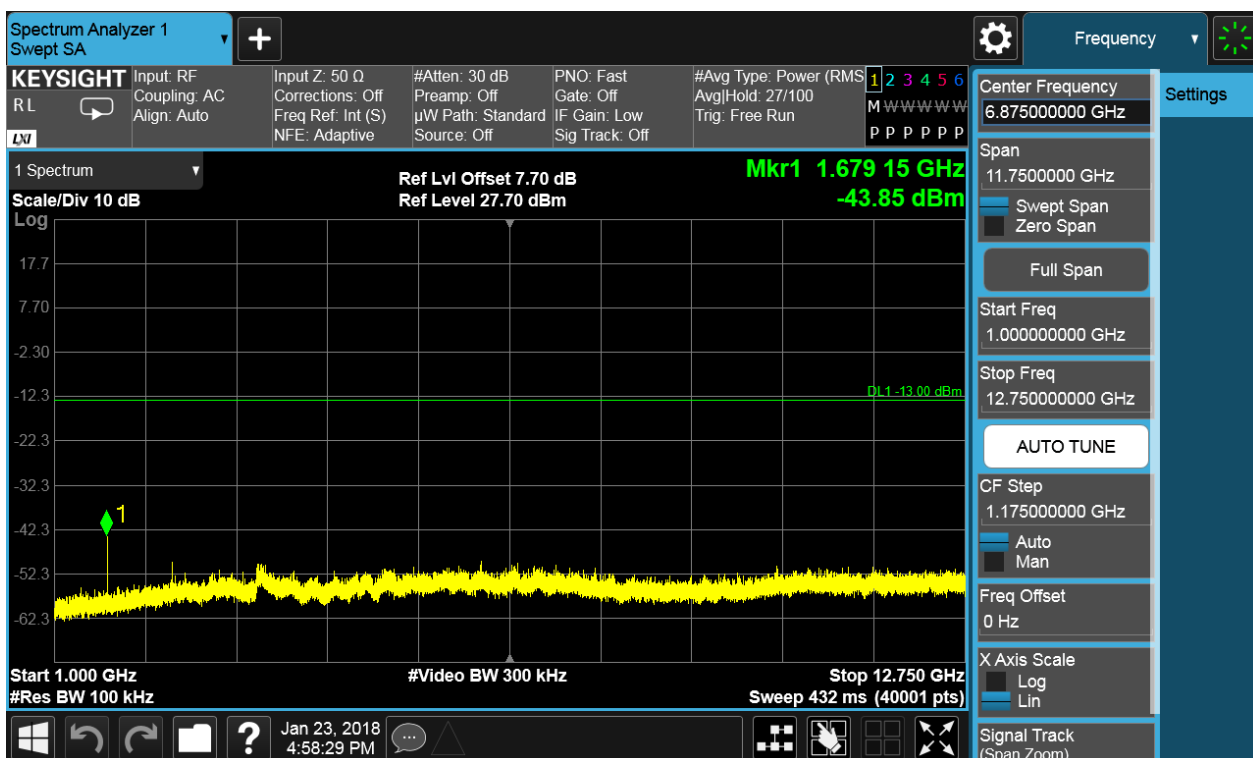






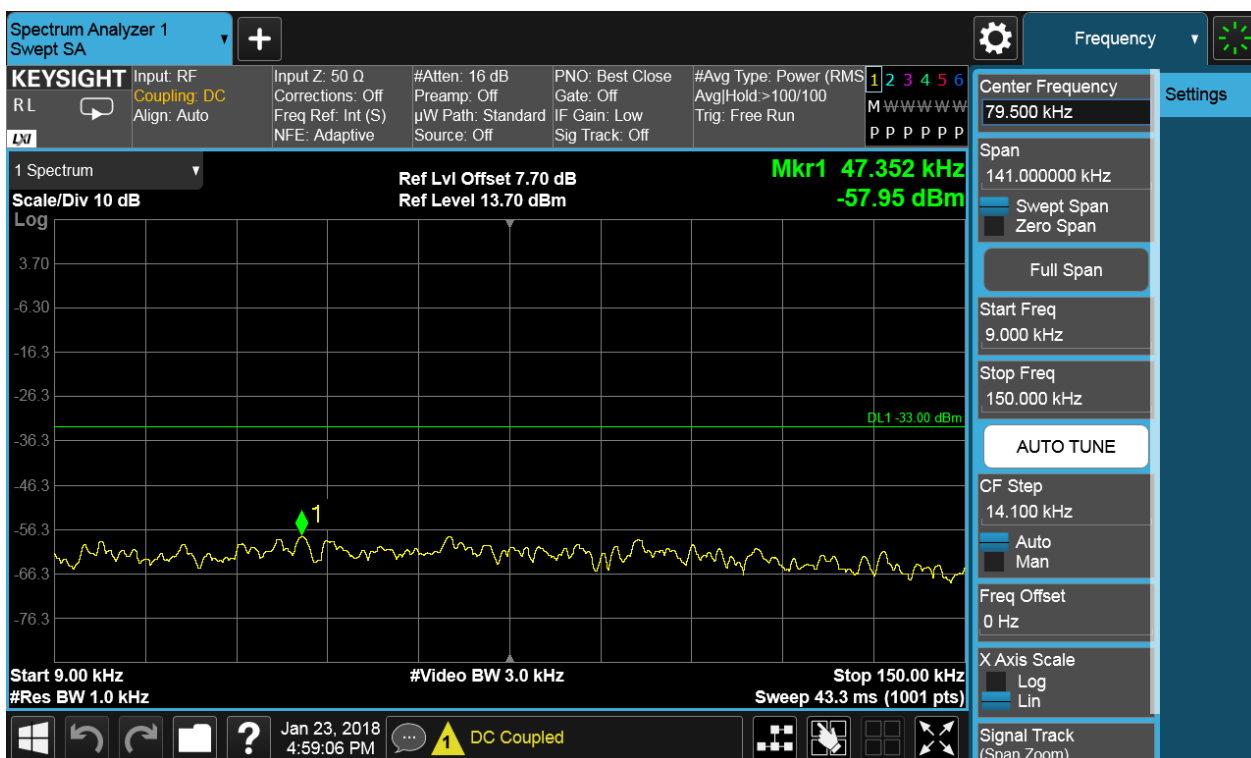


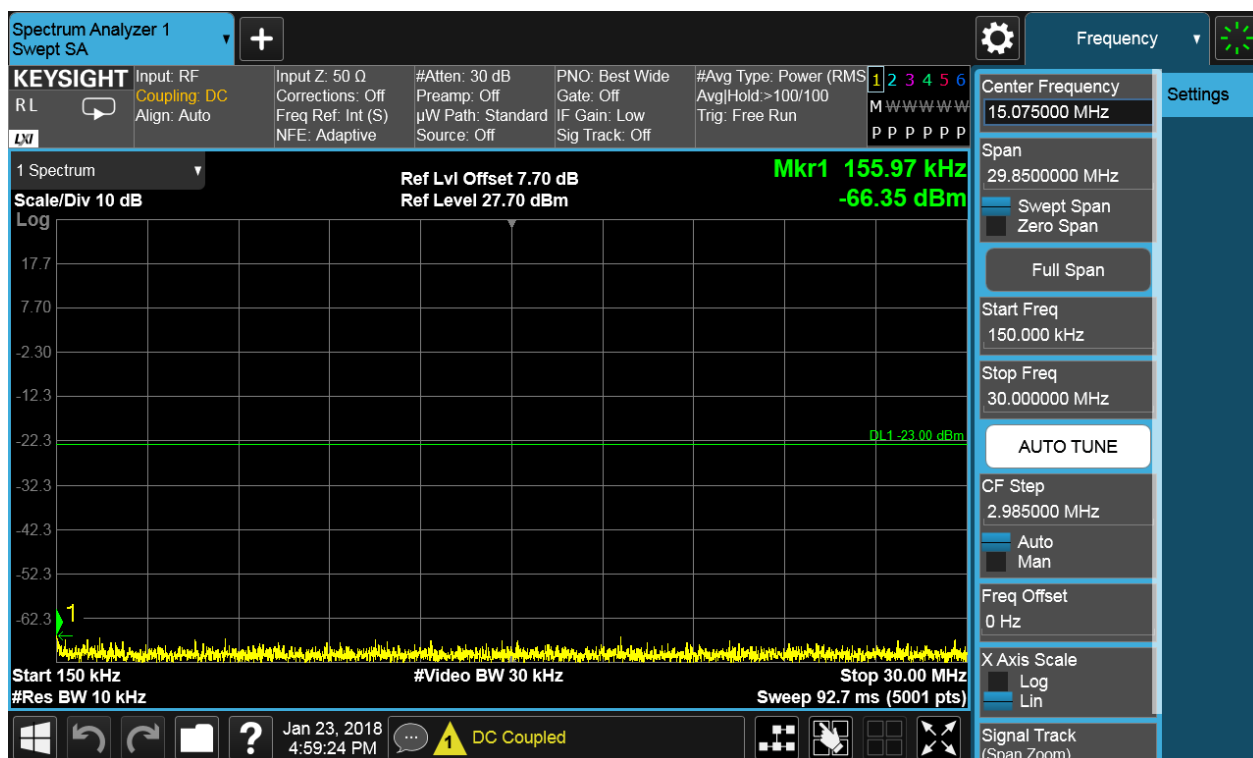
6.1.1.2 Test Mode = LTE/TM2

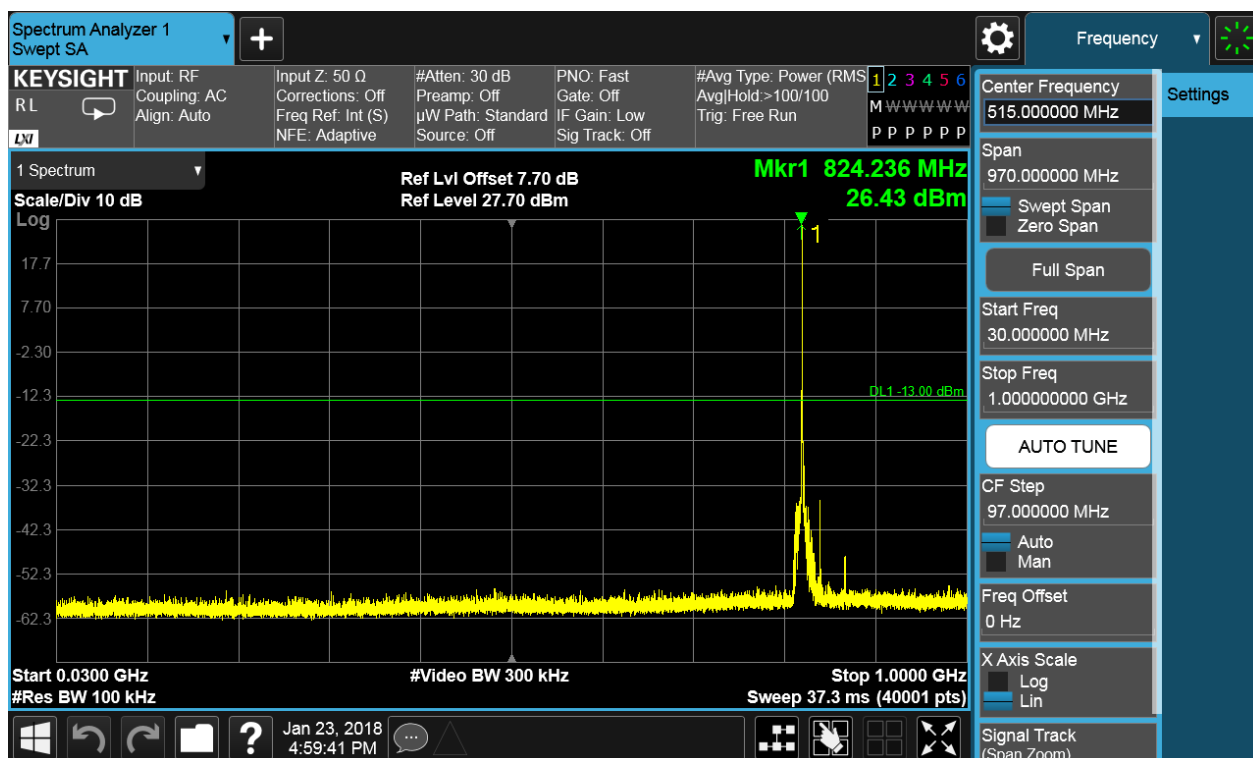
6.1.1.2.1 Test Bandwidth = 1.4

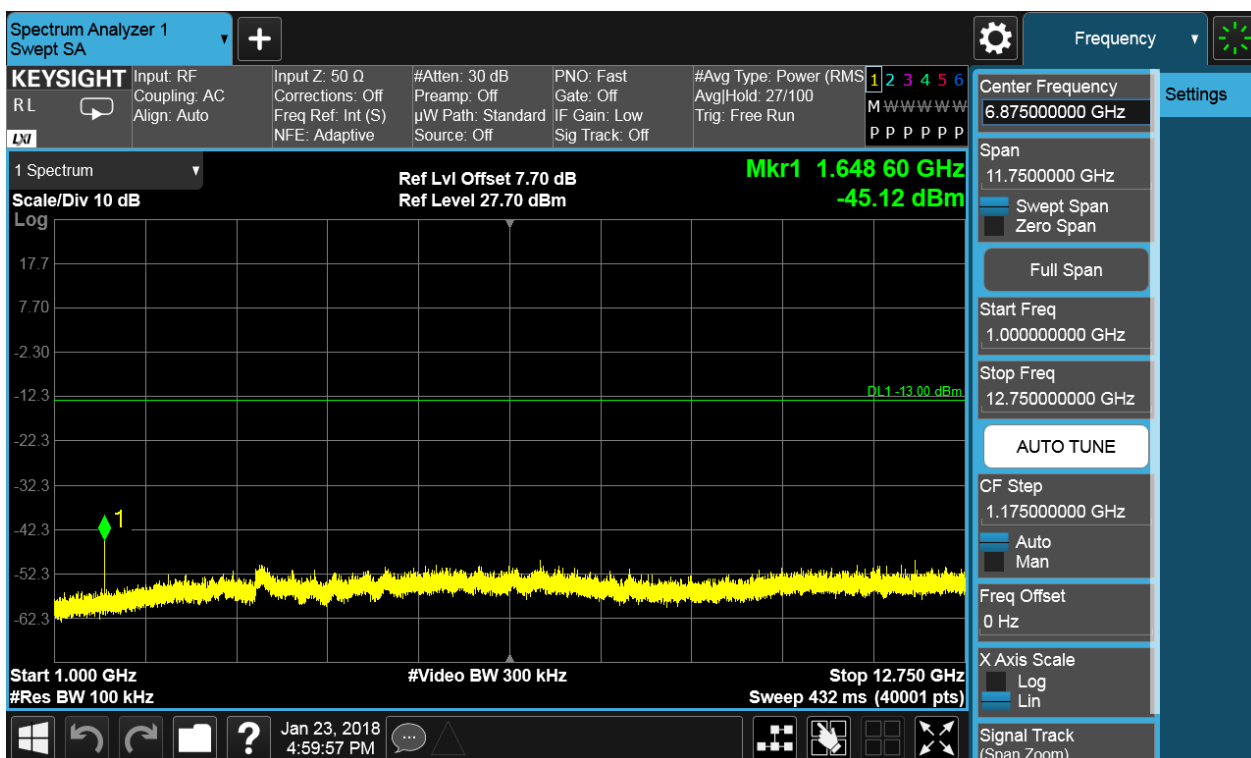
6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0



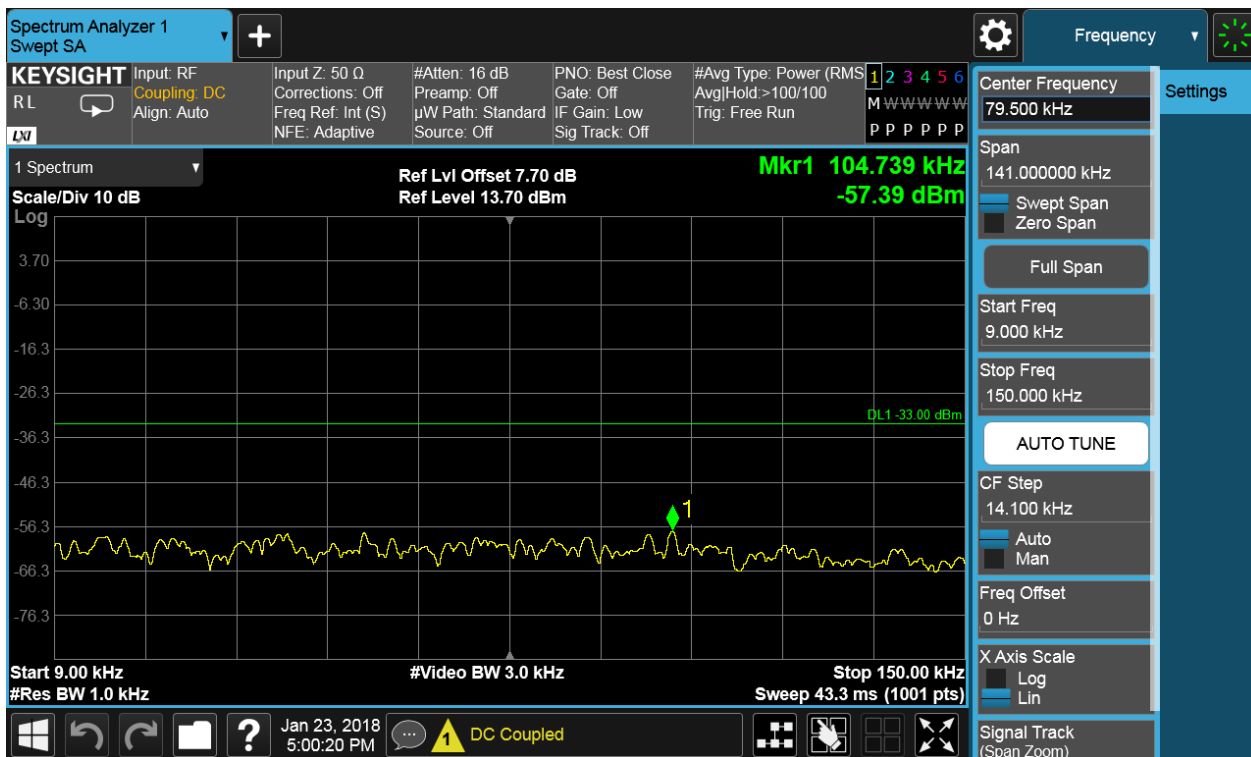


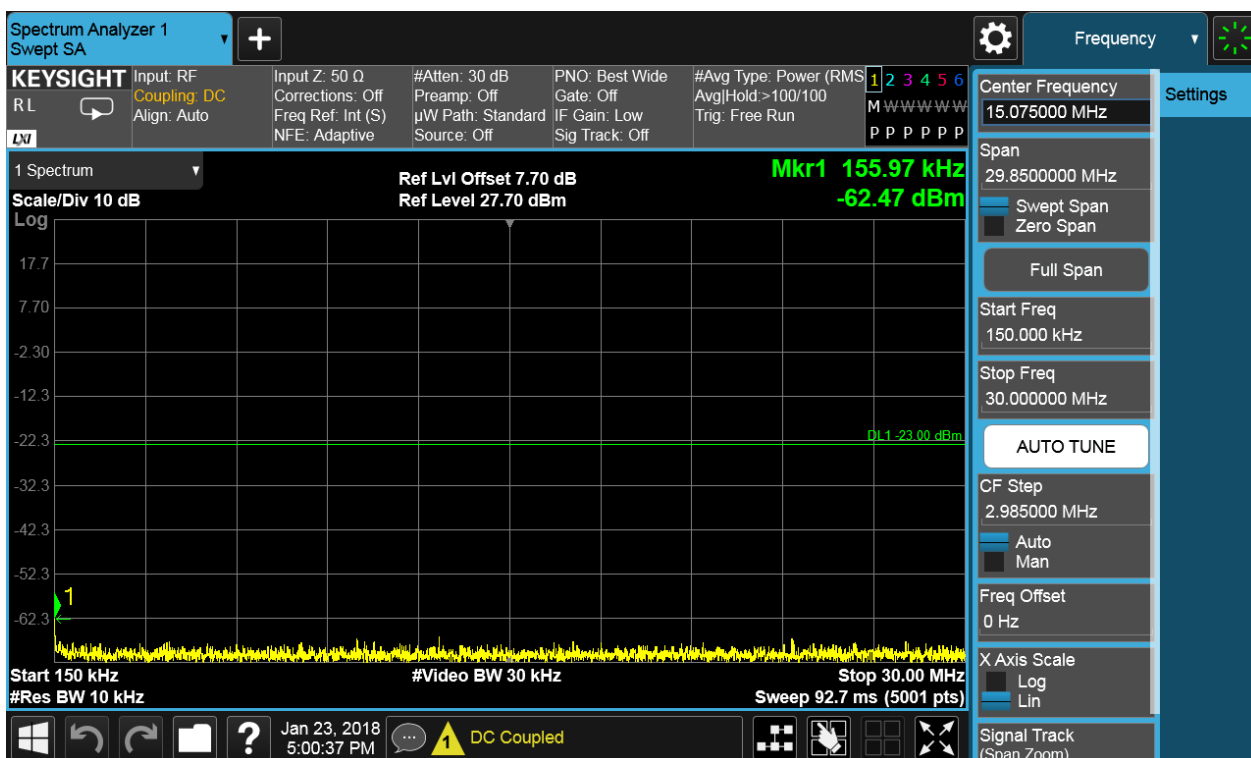


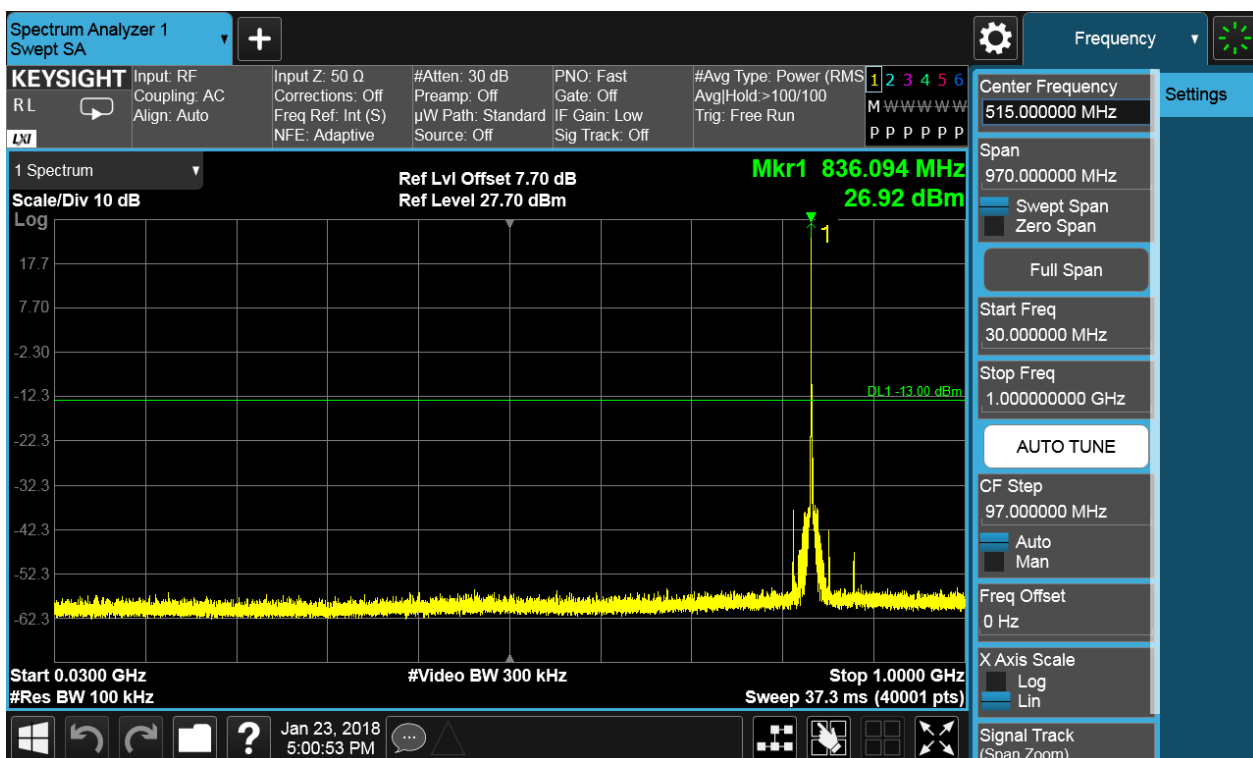


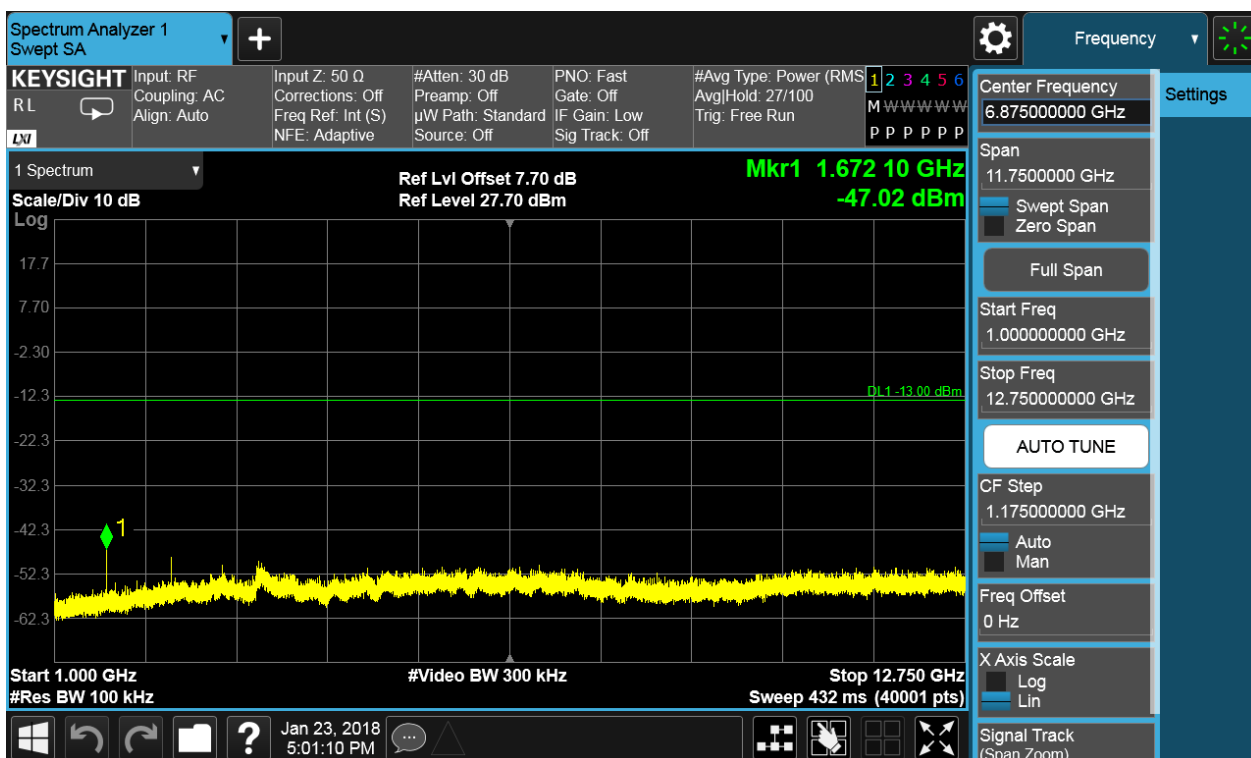
6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0



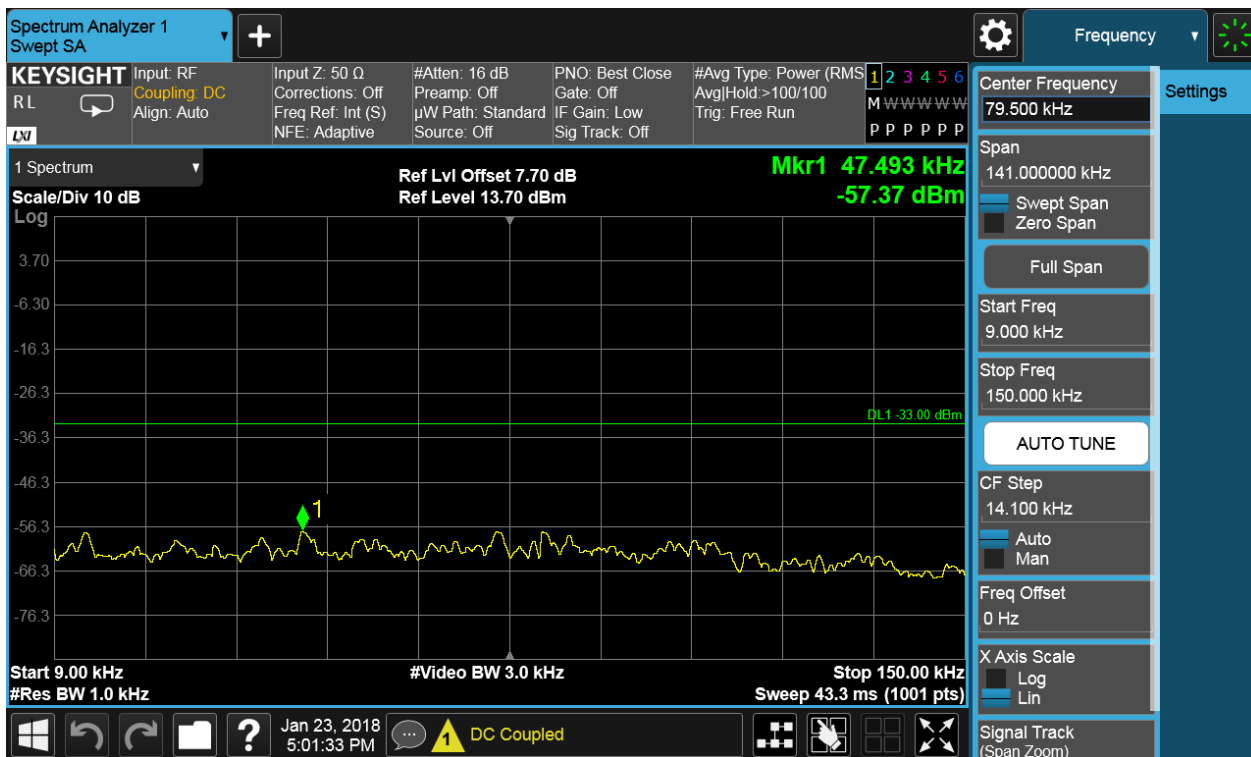


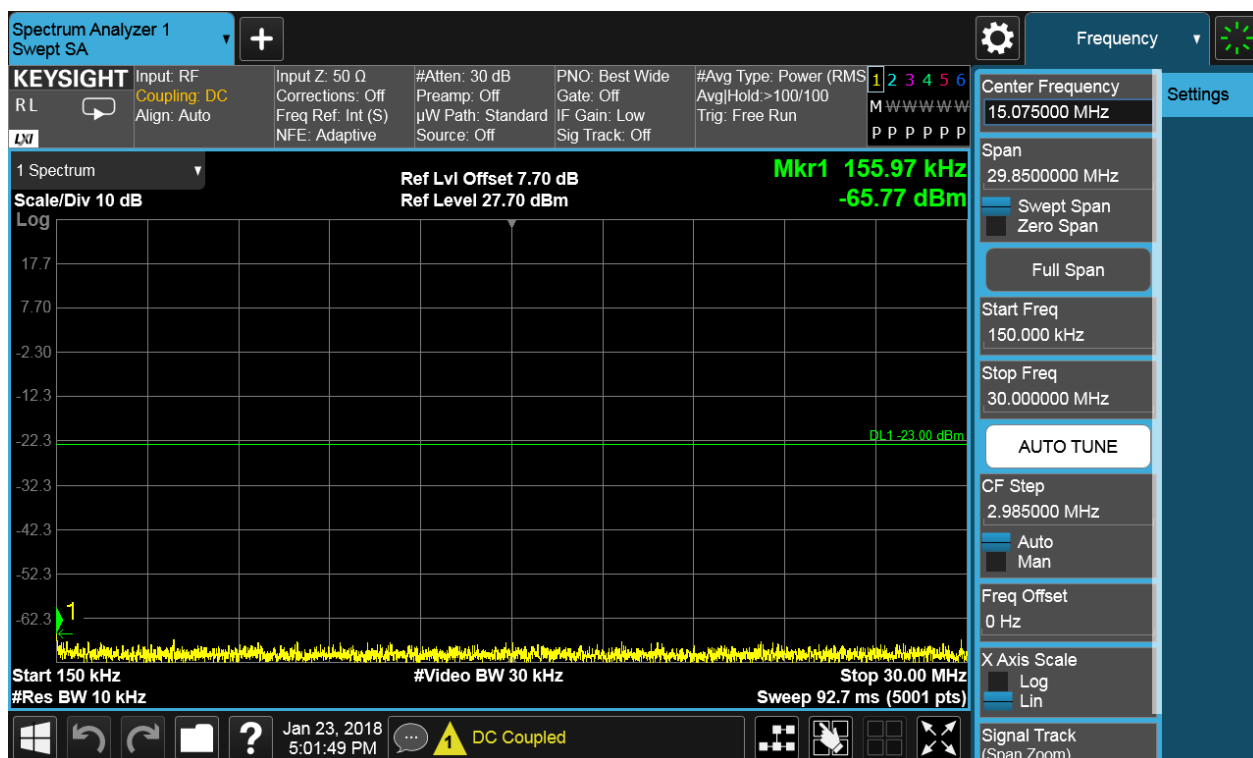


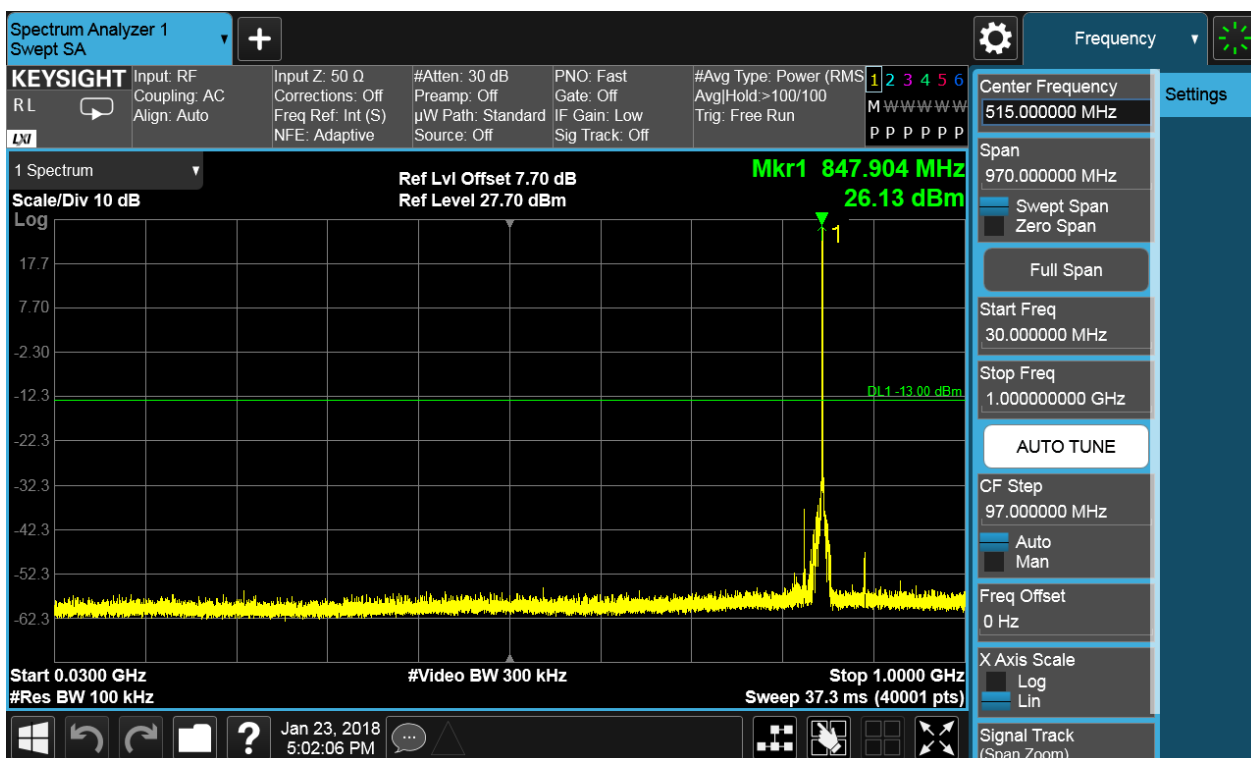


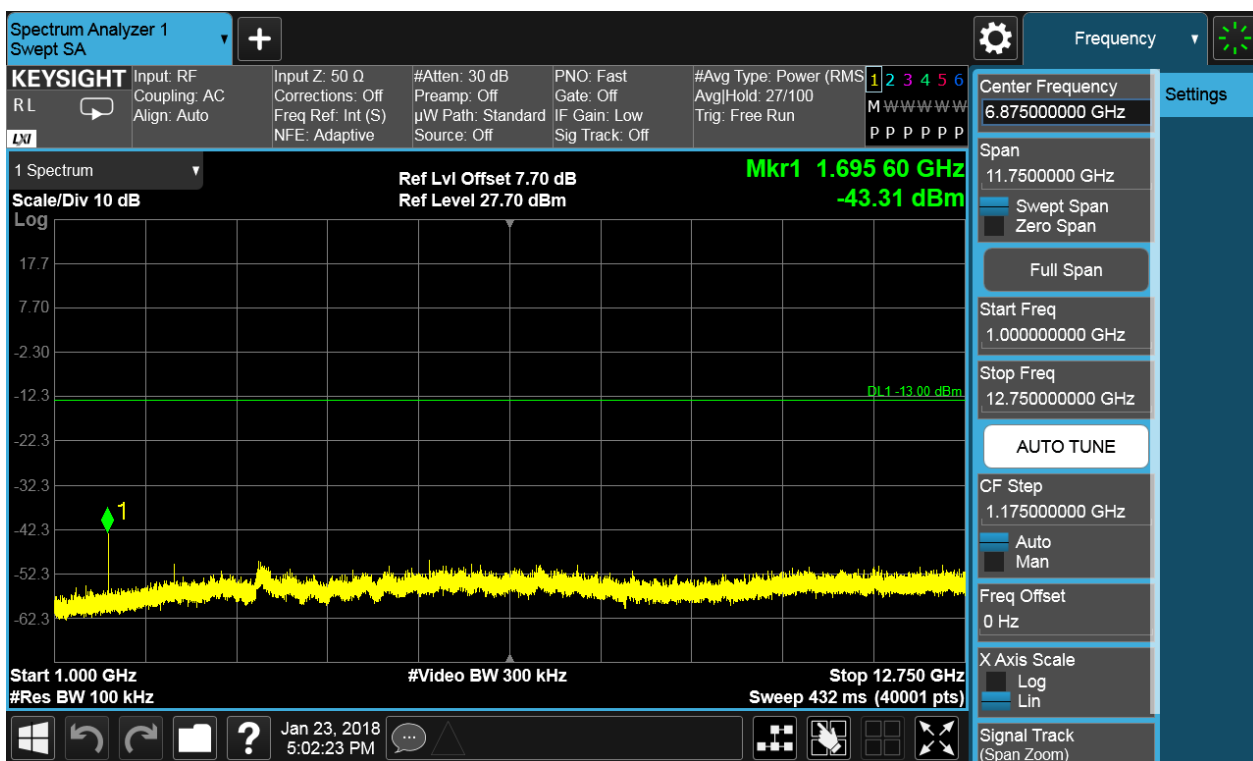
6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0





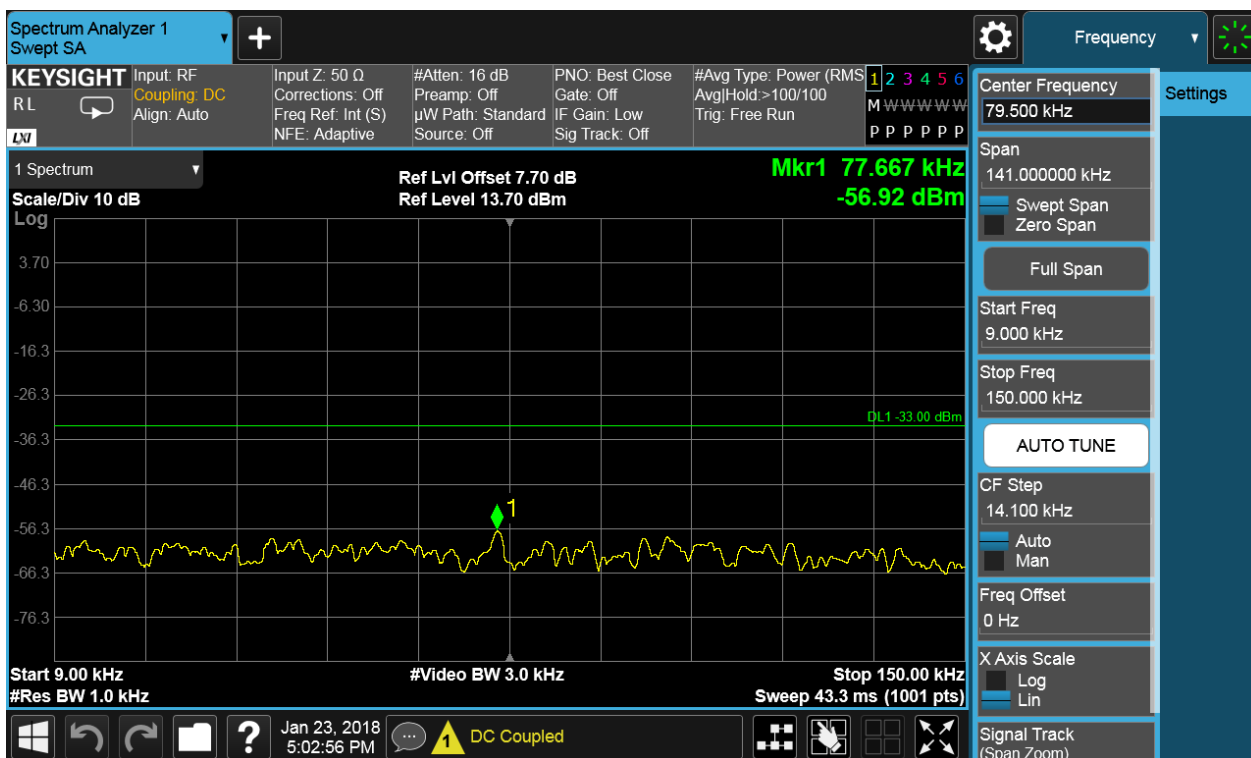


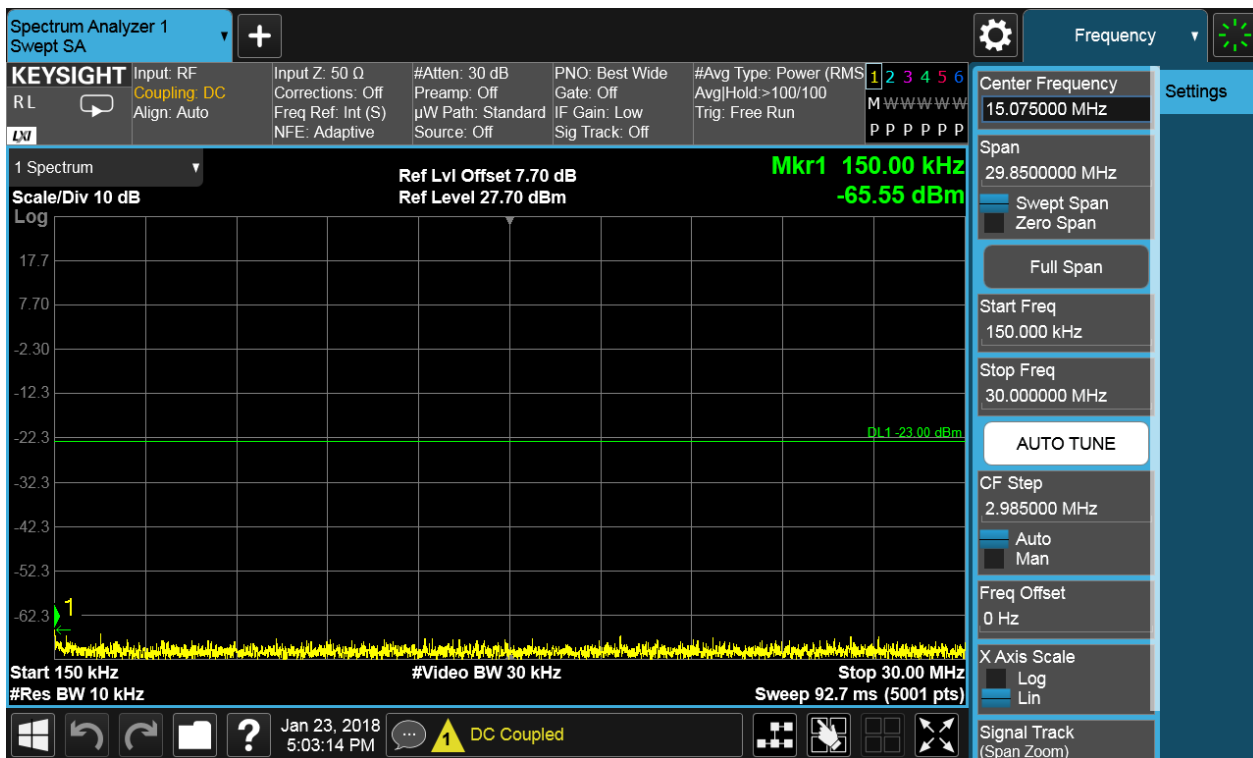


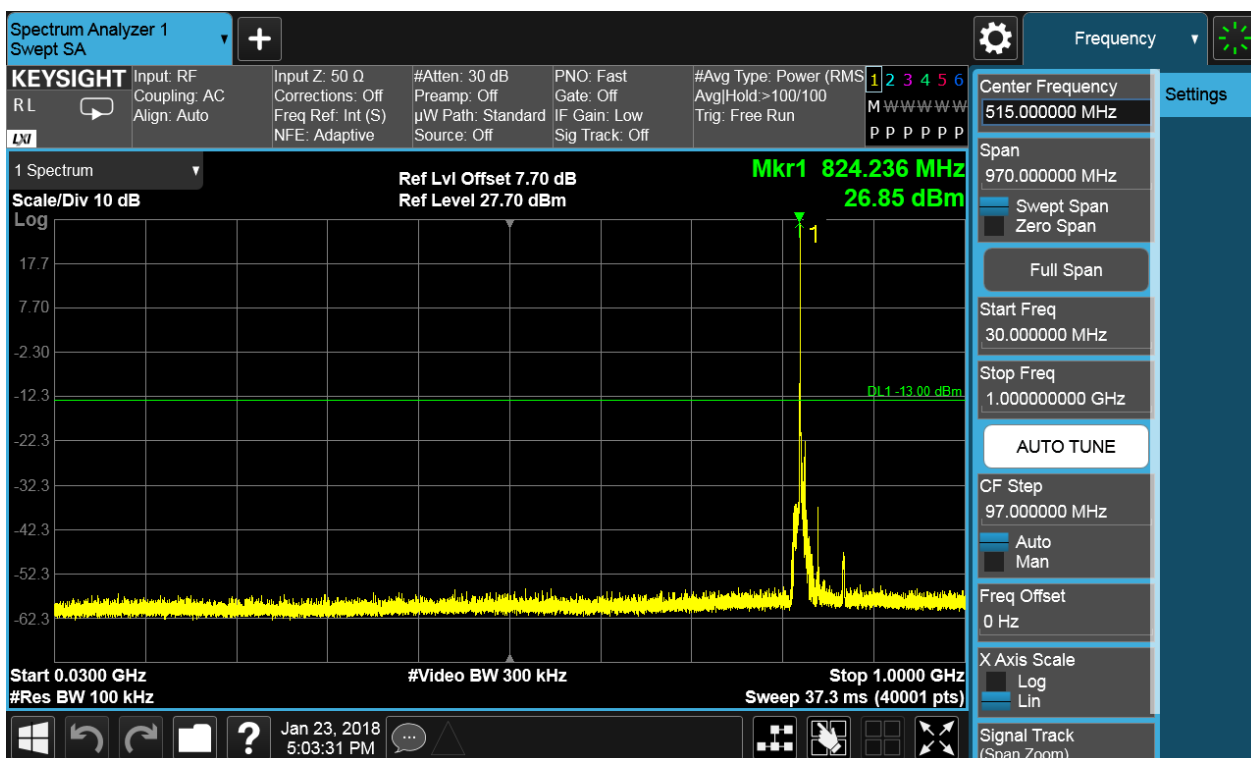
6.1.1.2.2 Test Bandwidth = 3

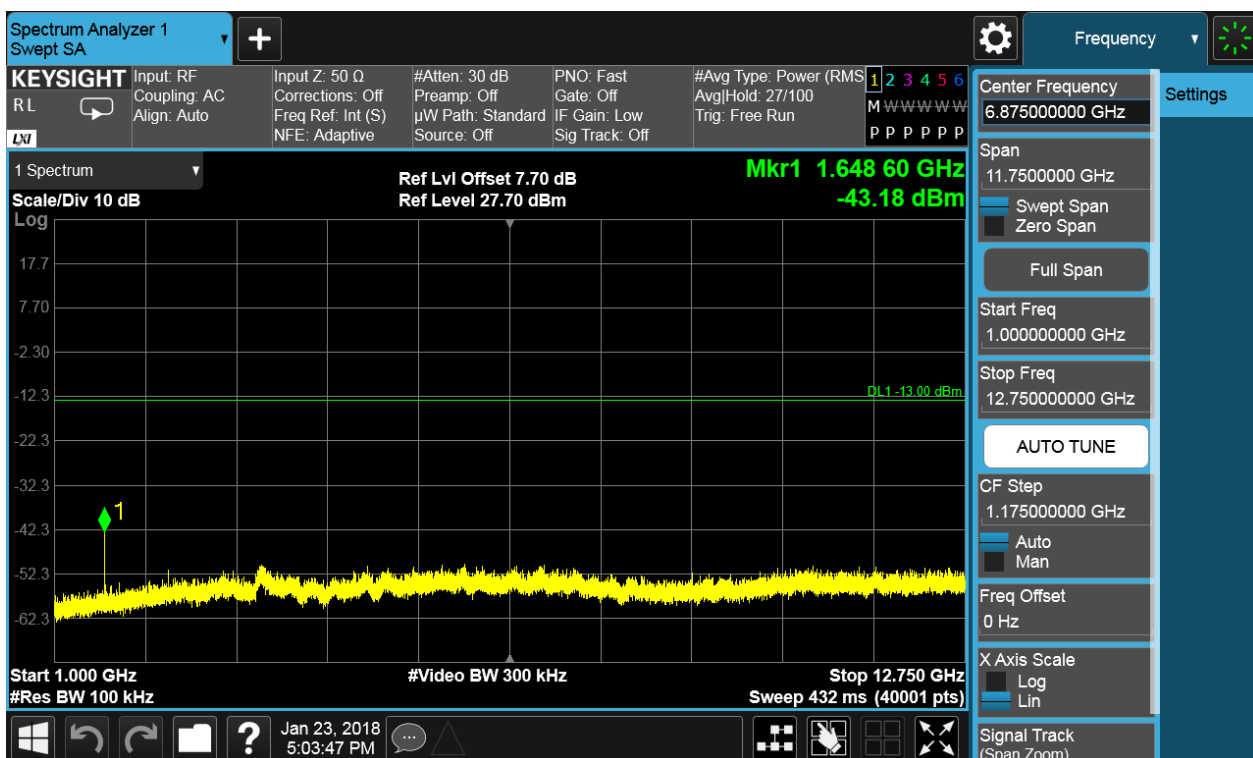
6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0



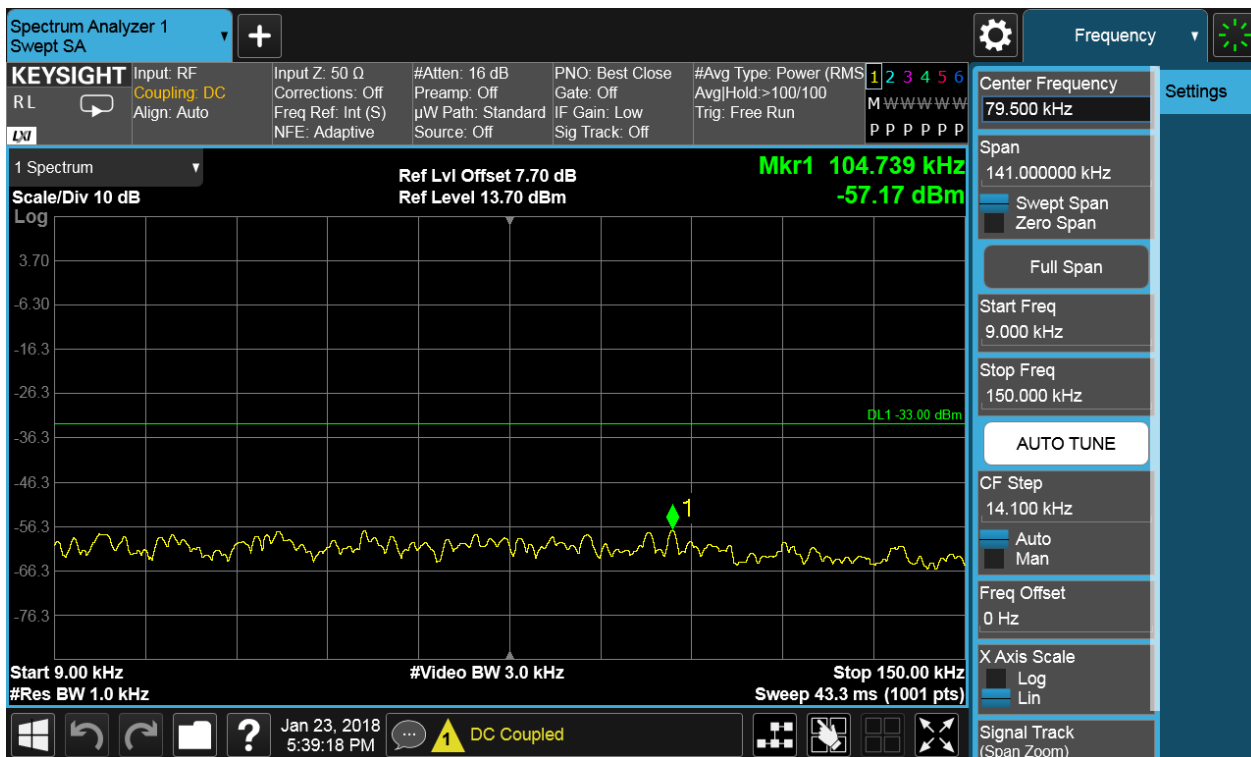


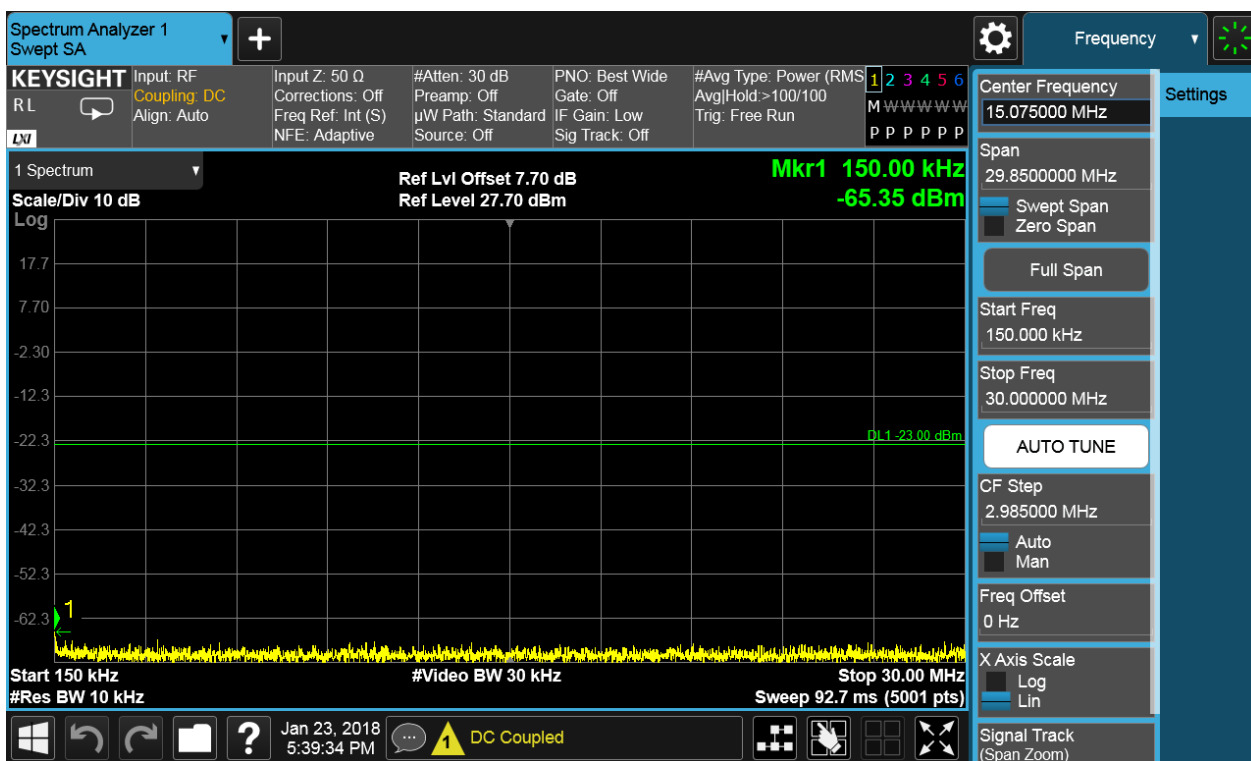


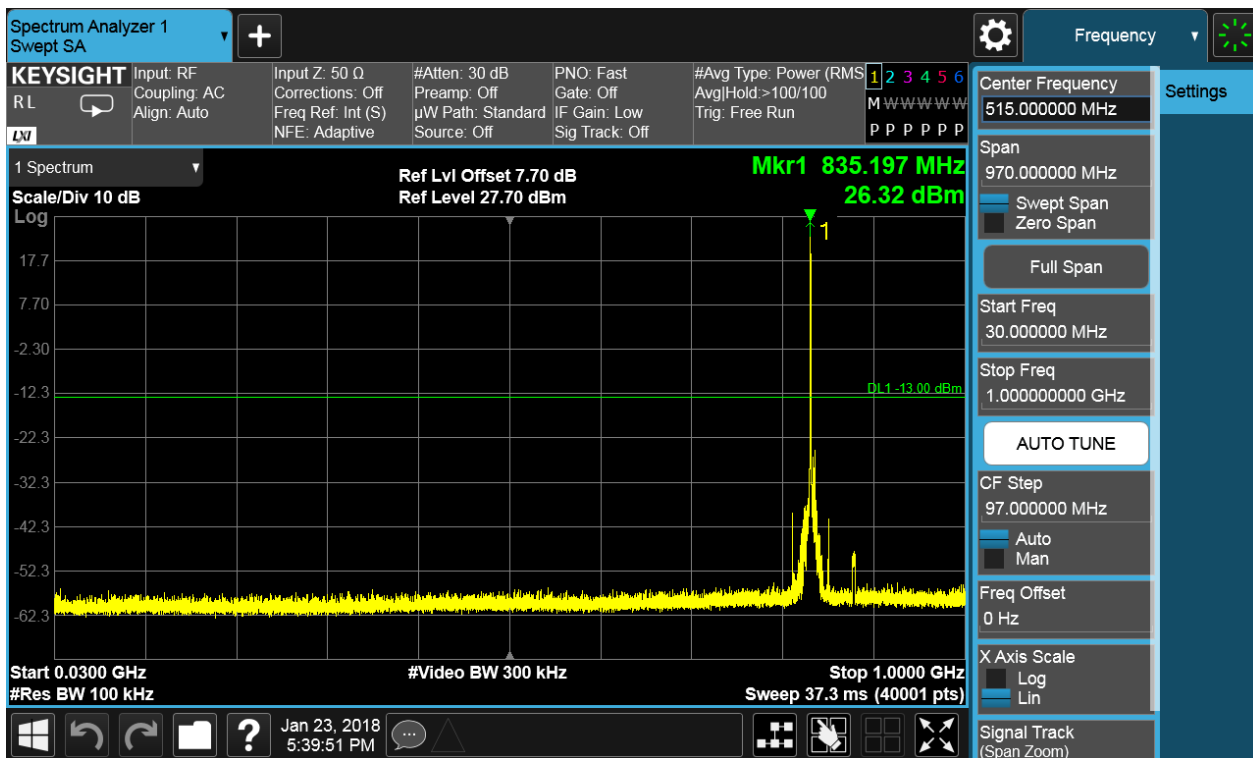


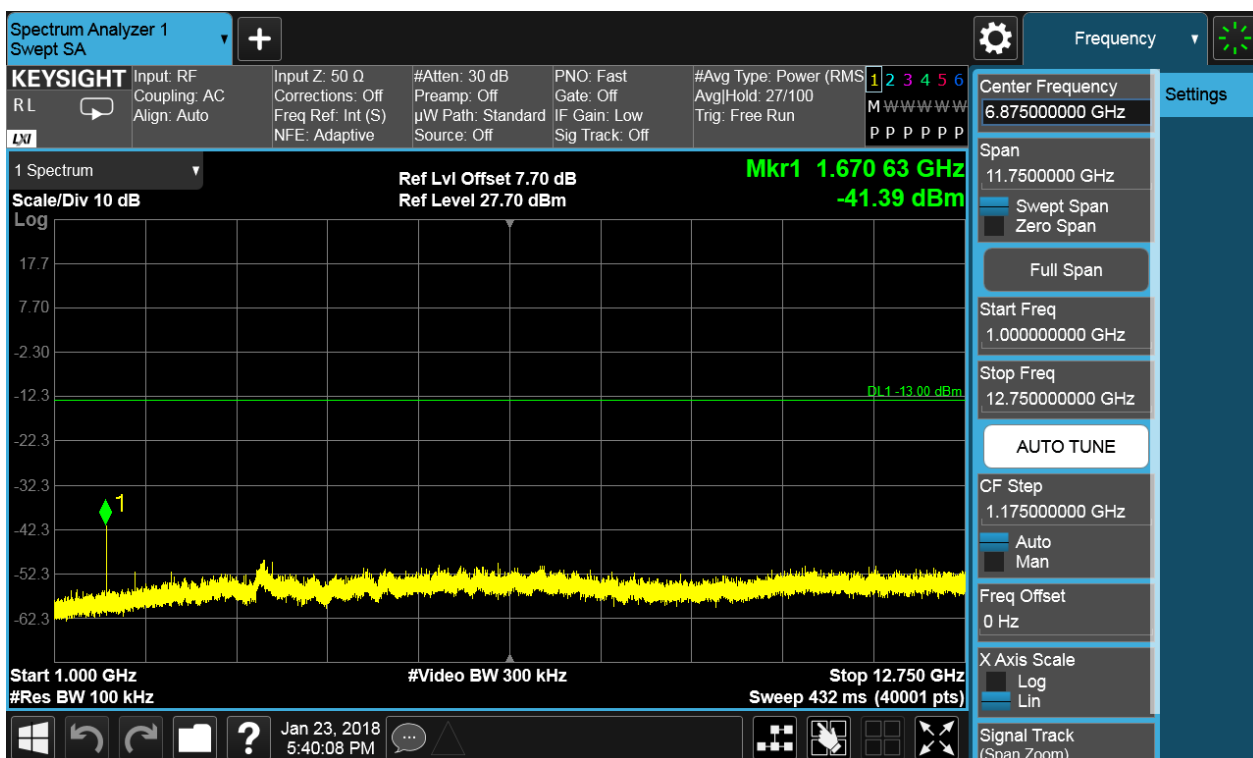
6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0



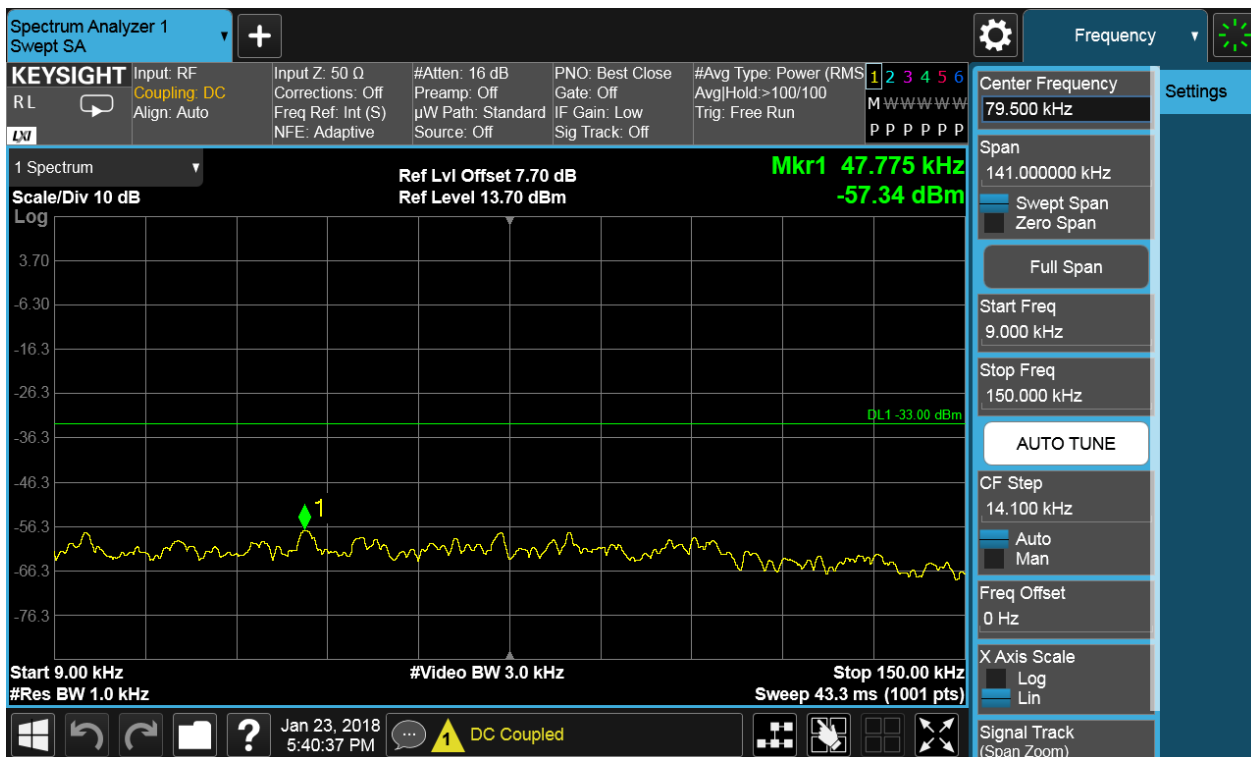


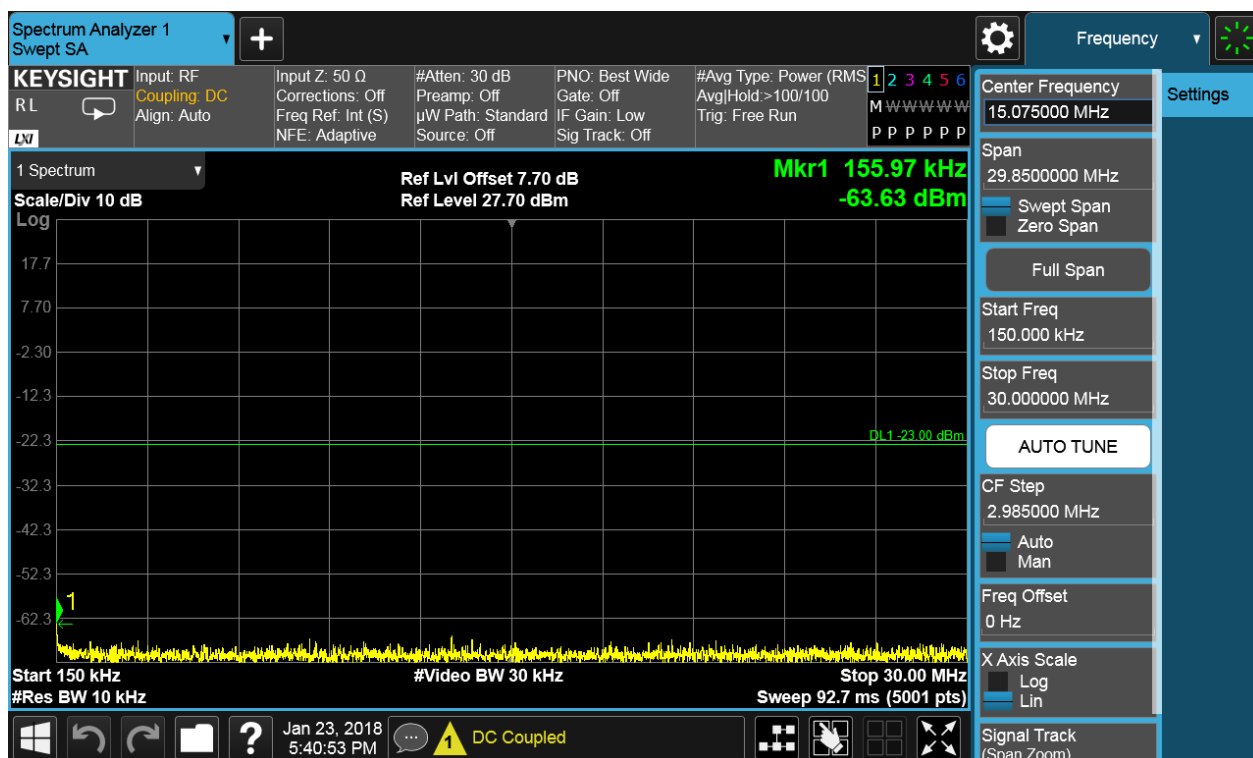


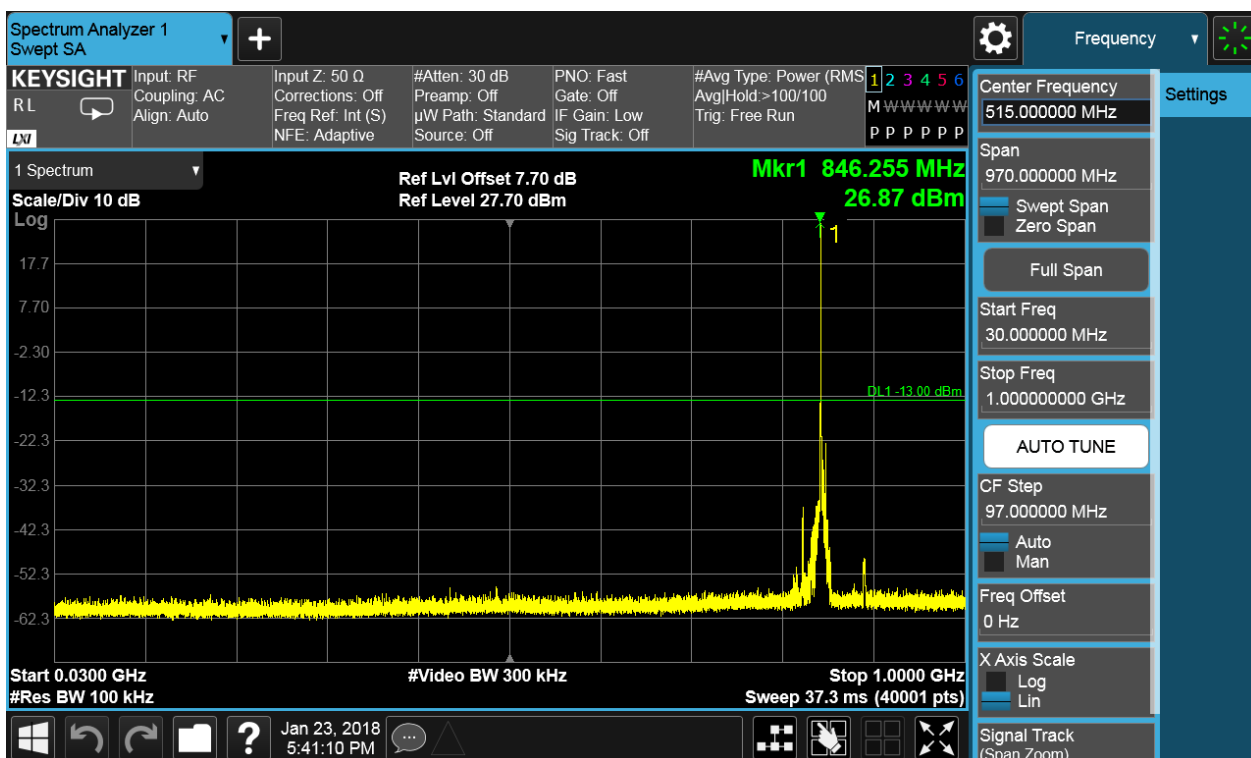


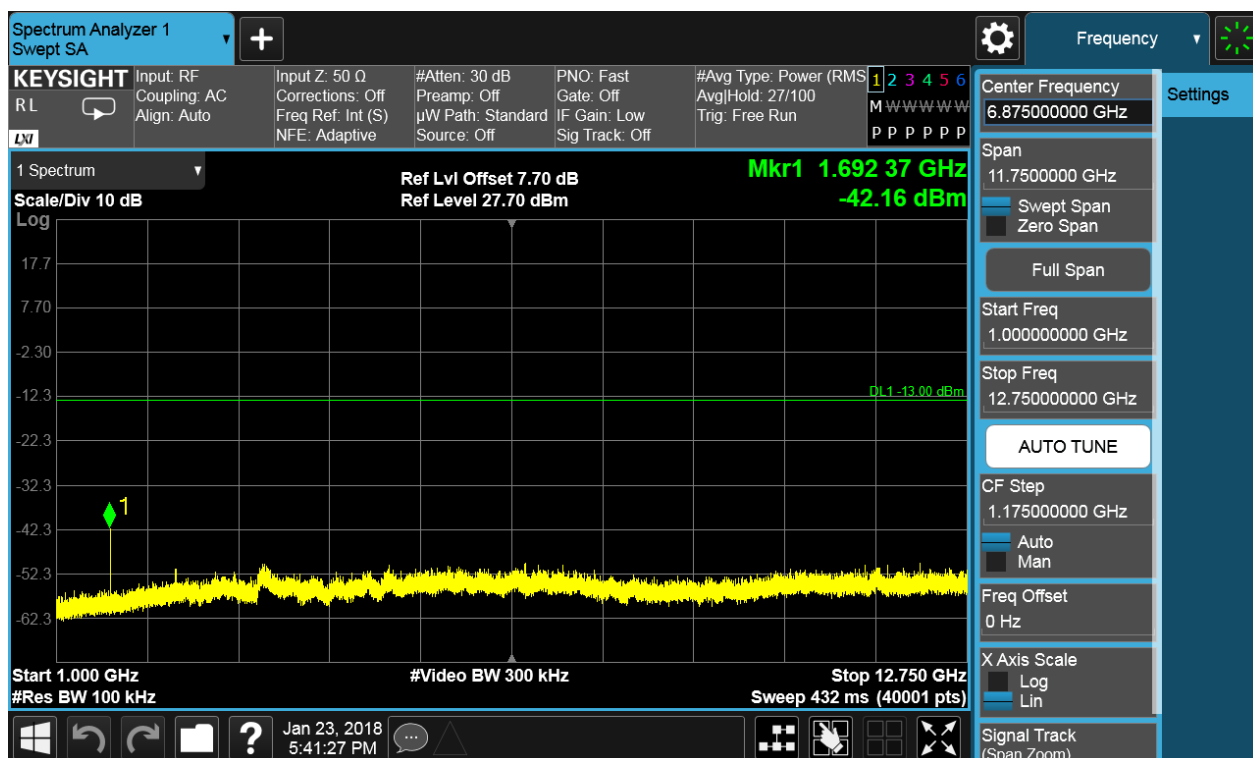
6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0





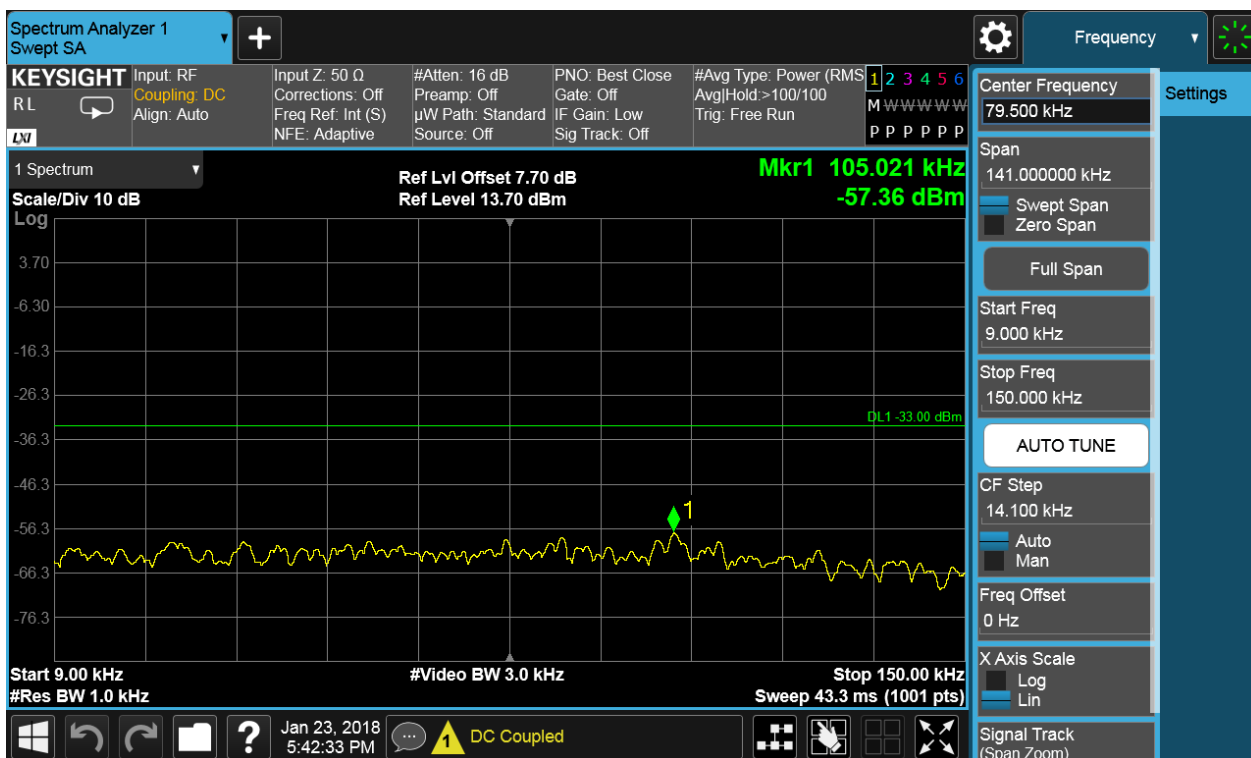


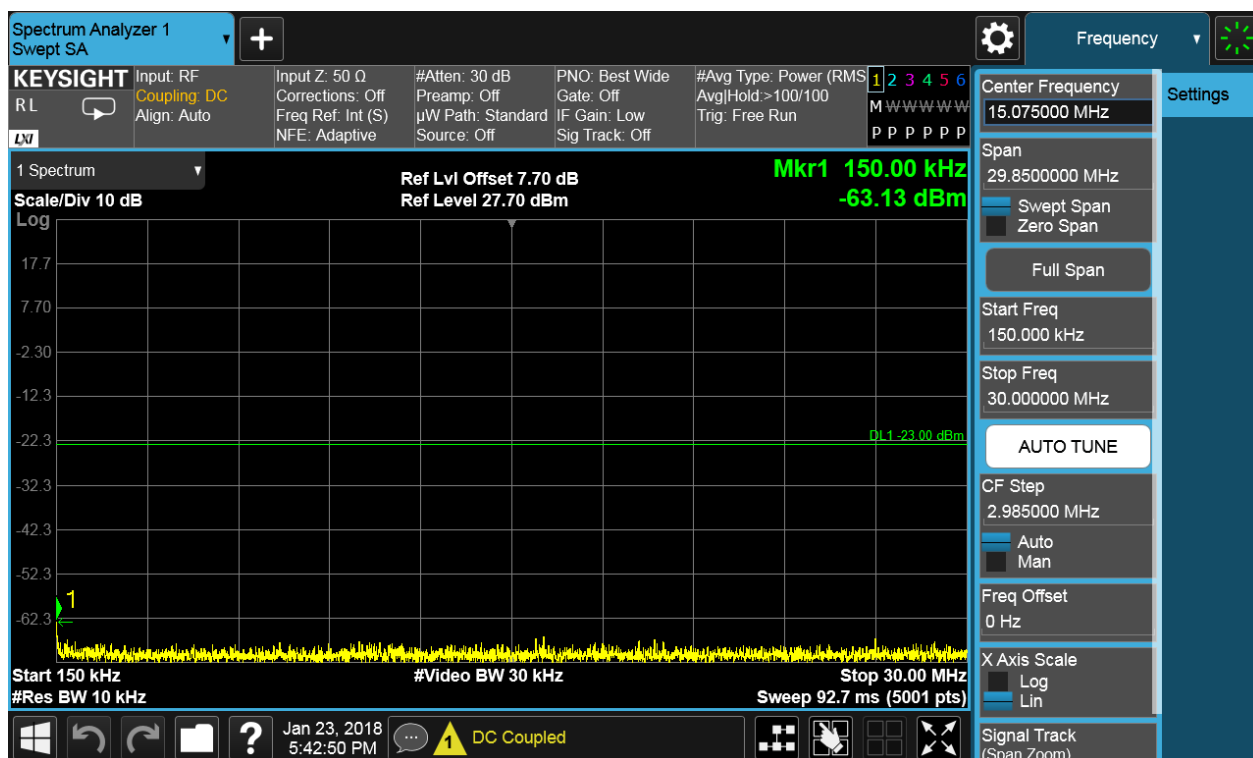


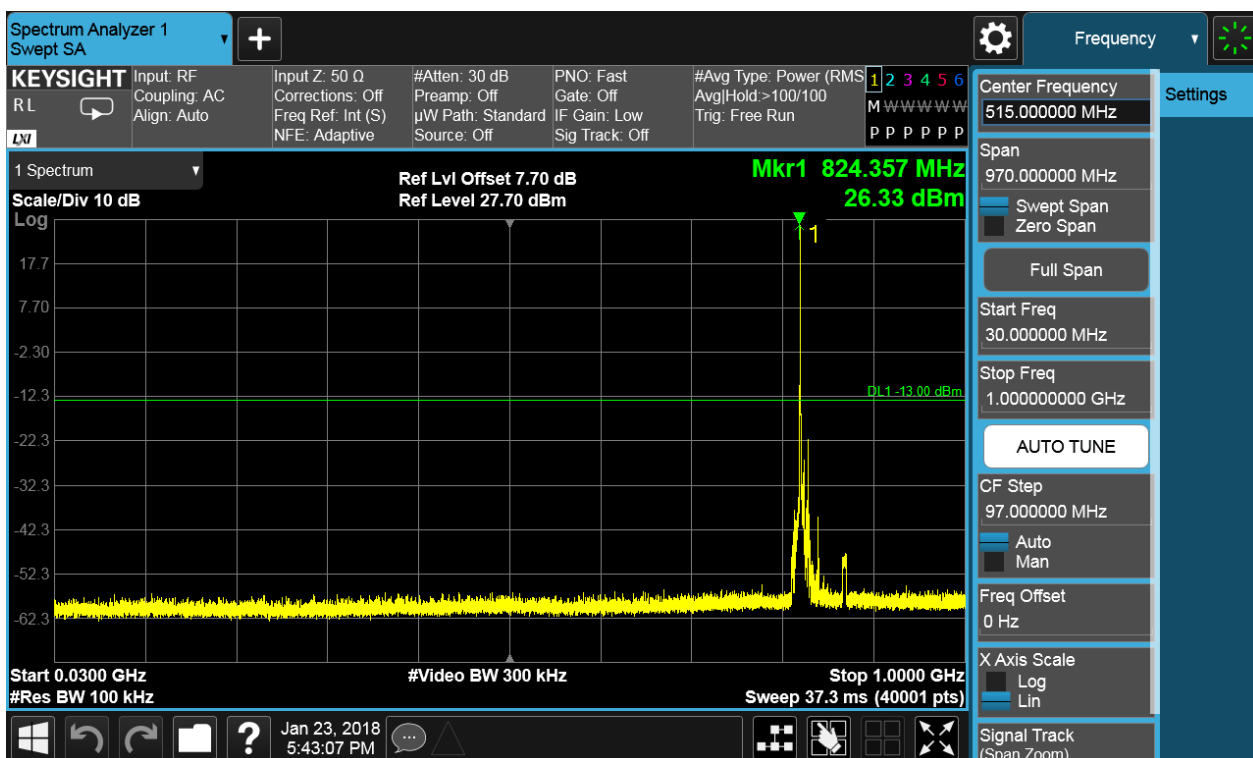
6.1.1.2.3 Test Bandwidth = 5

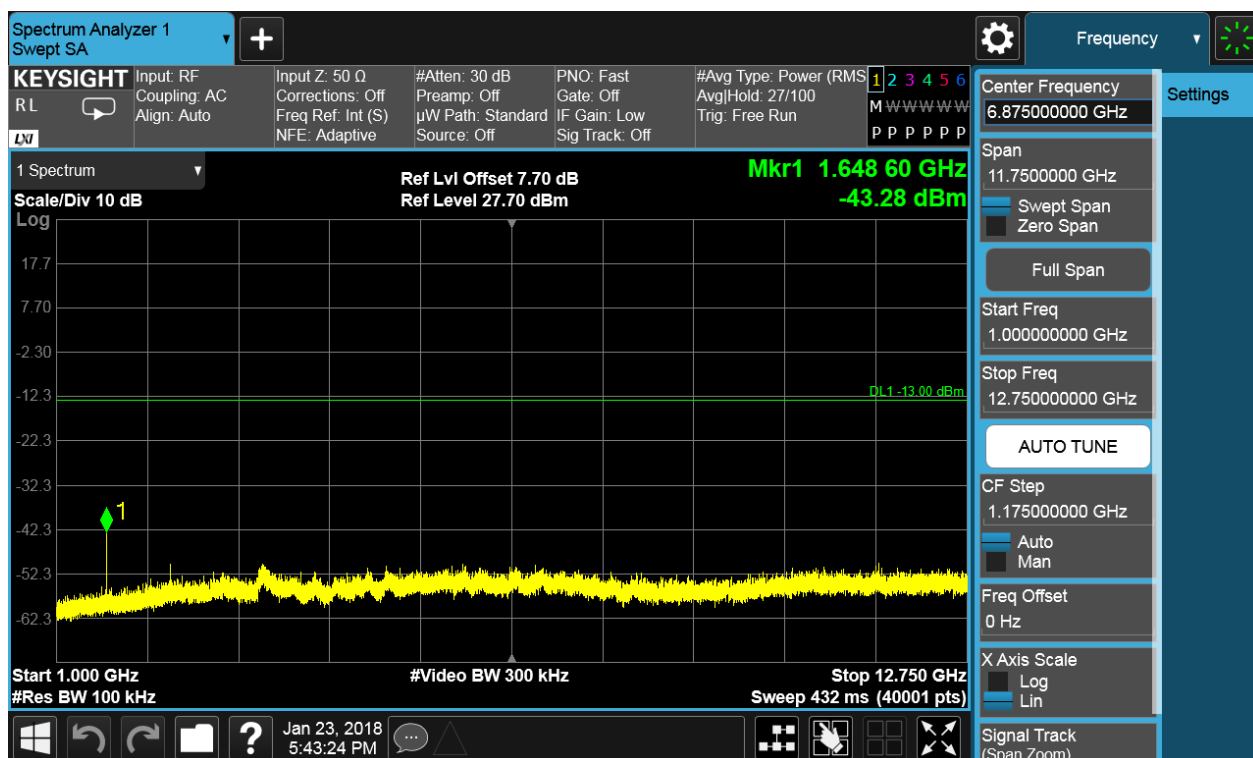
6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0



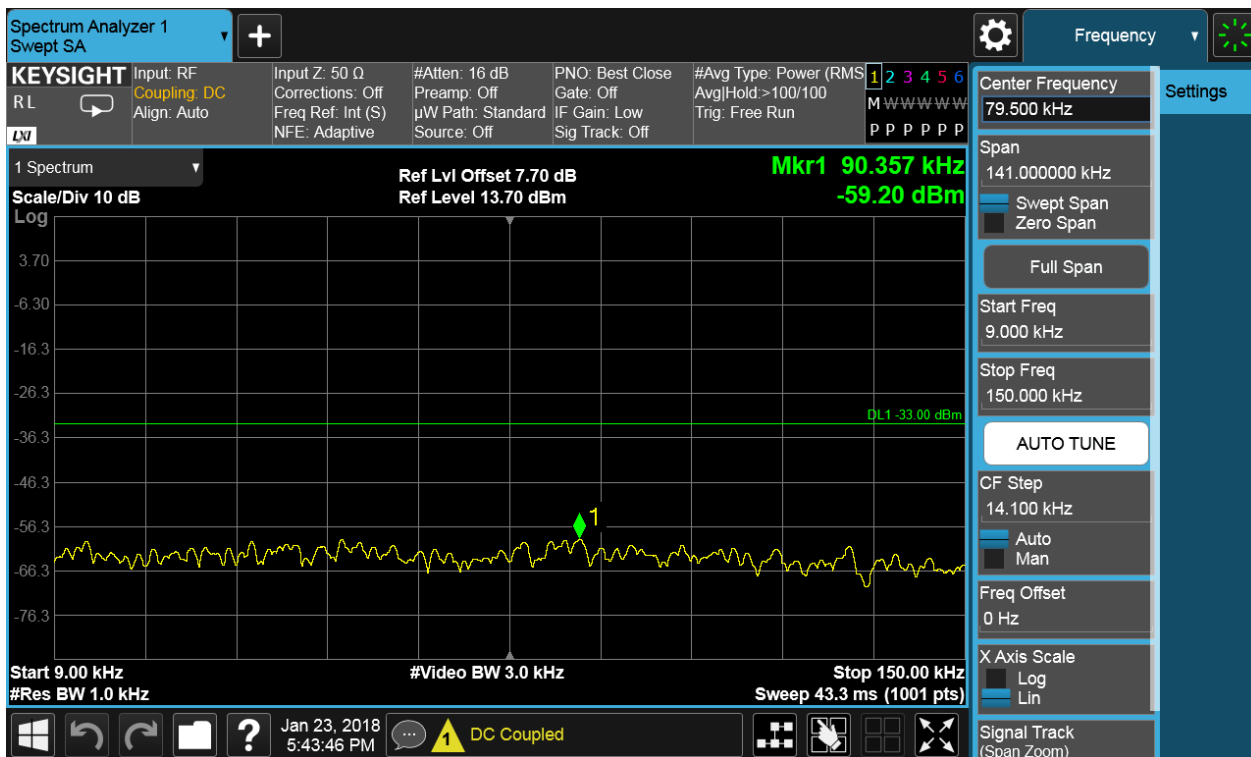


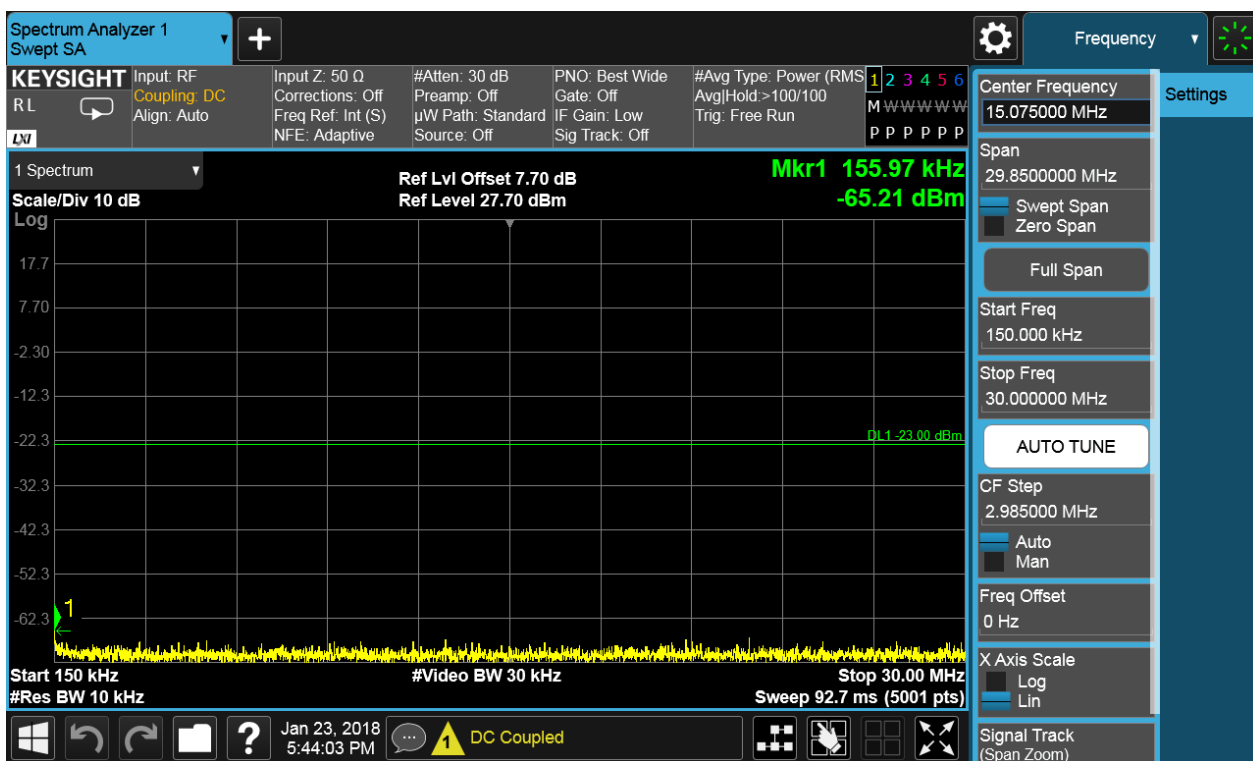


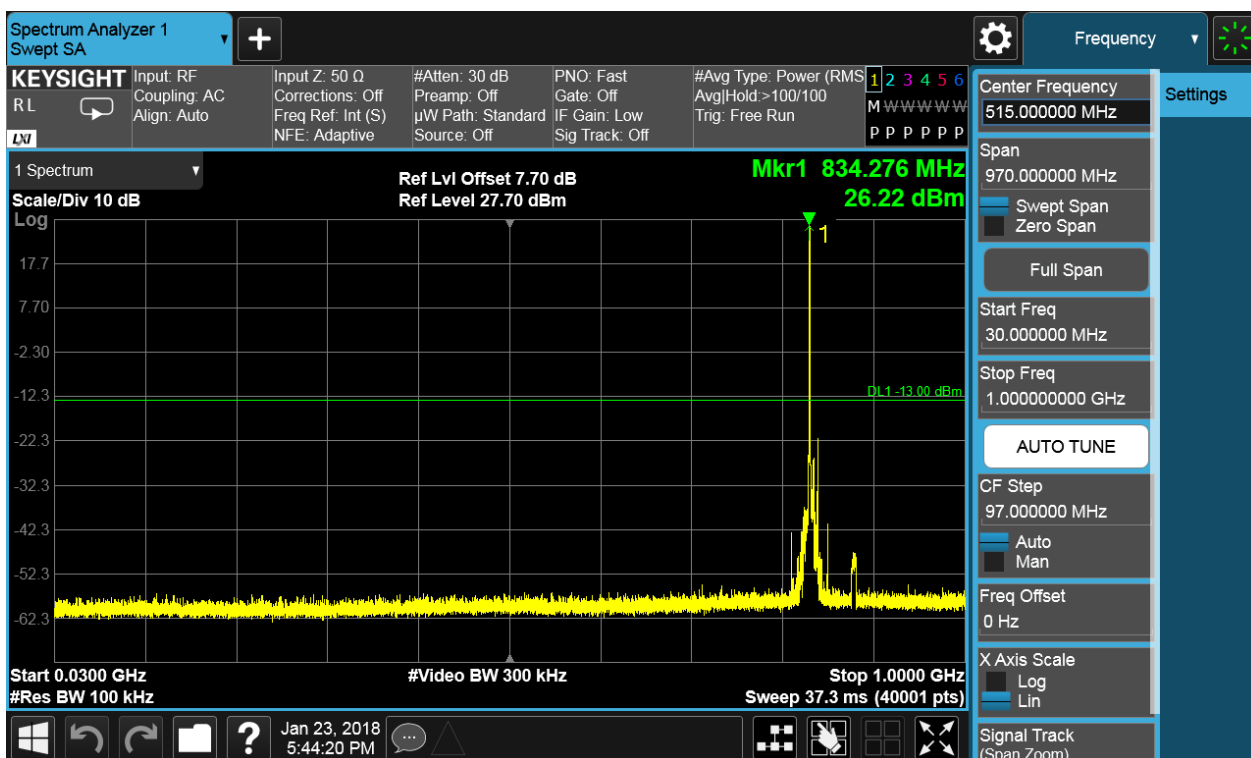


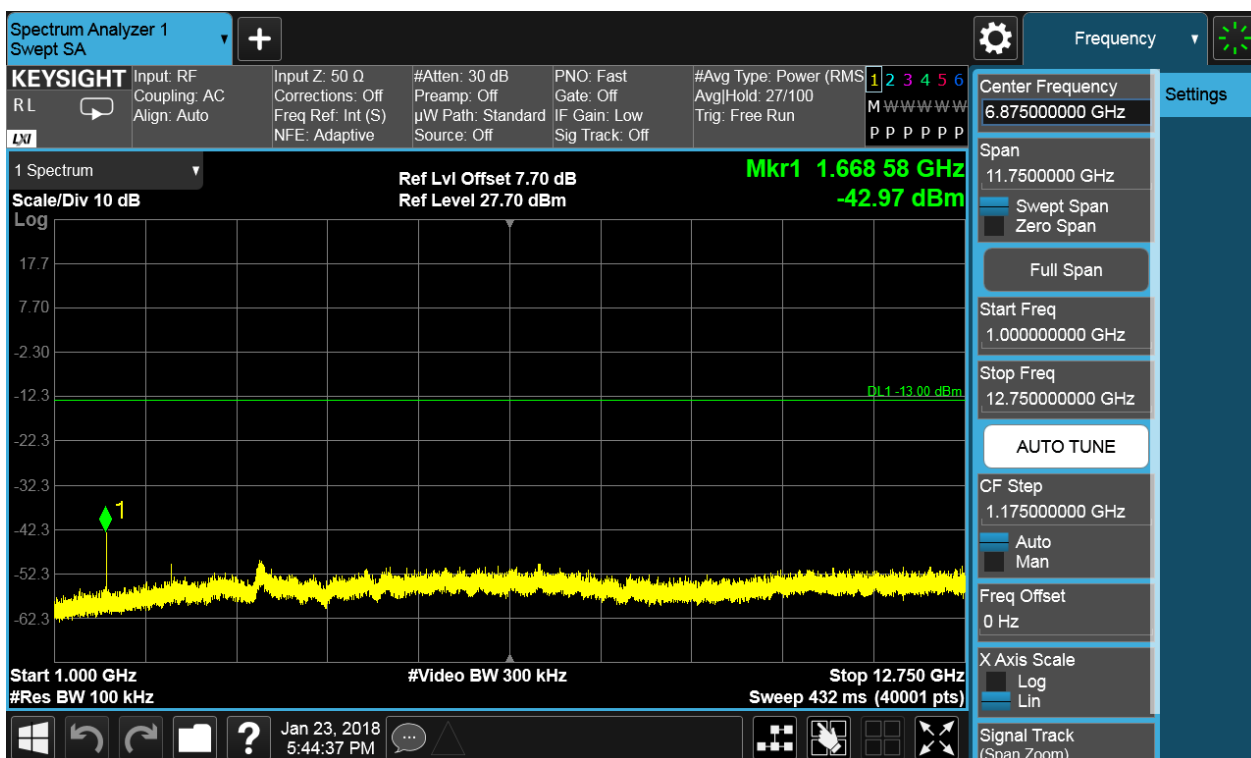
6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0



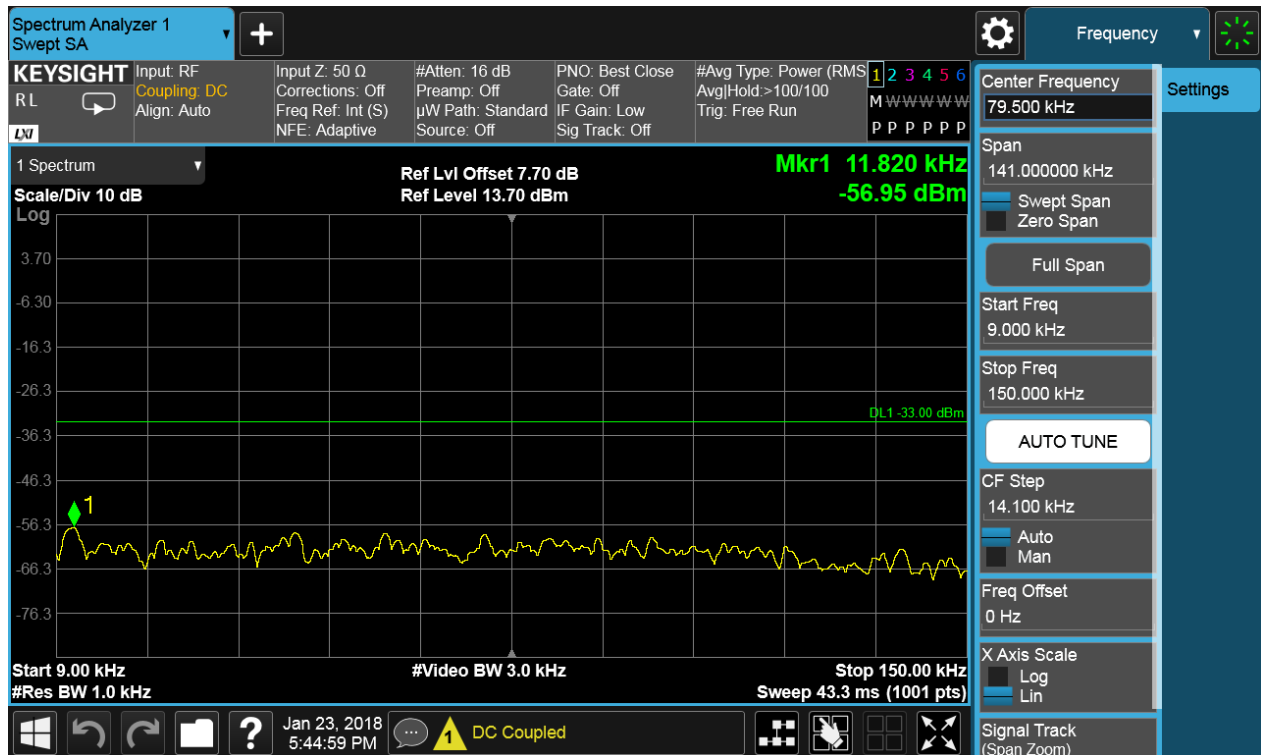


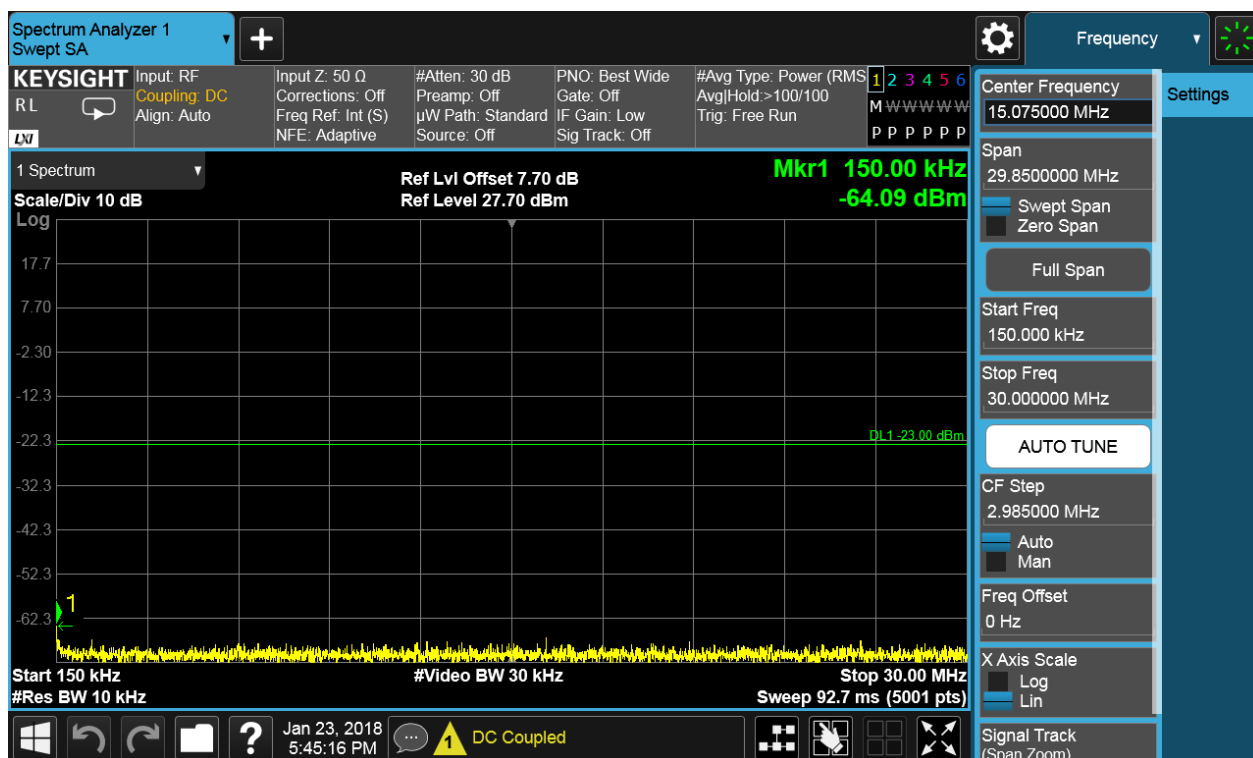


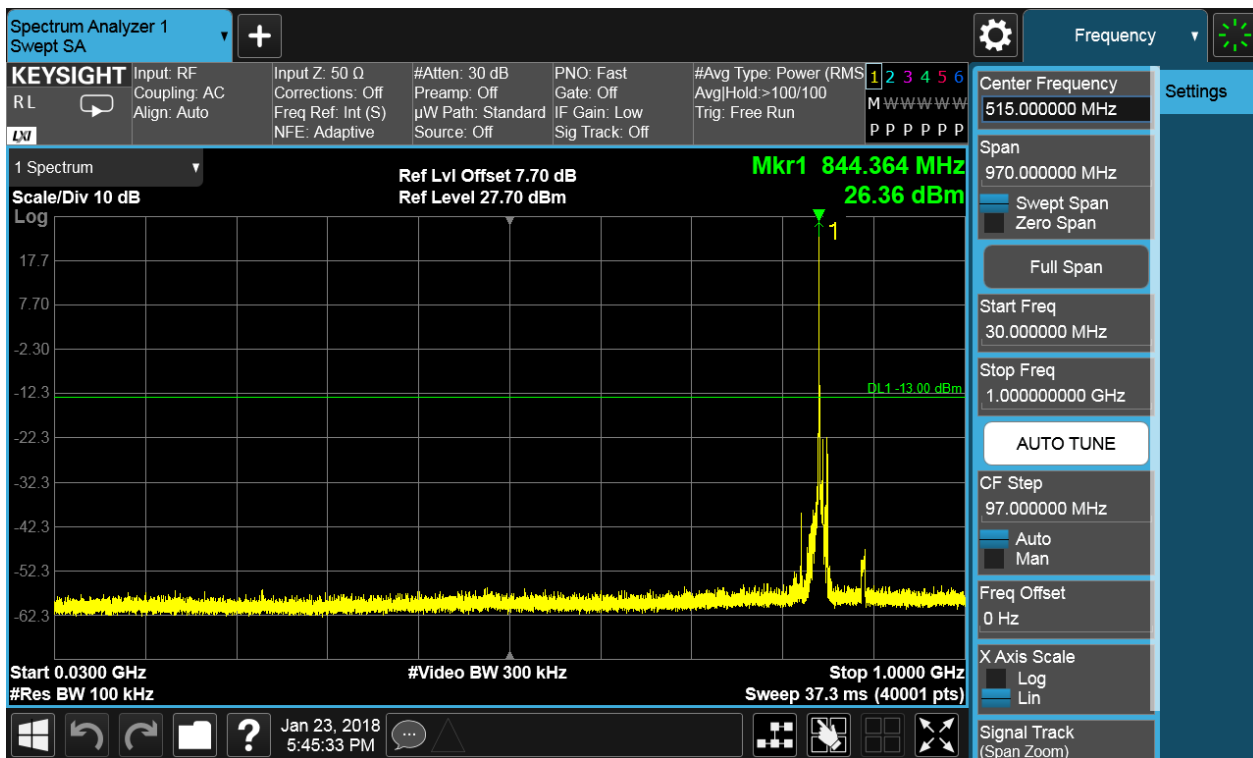


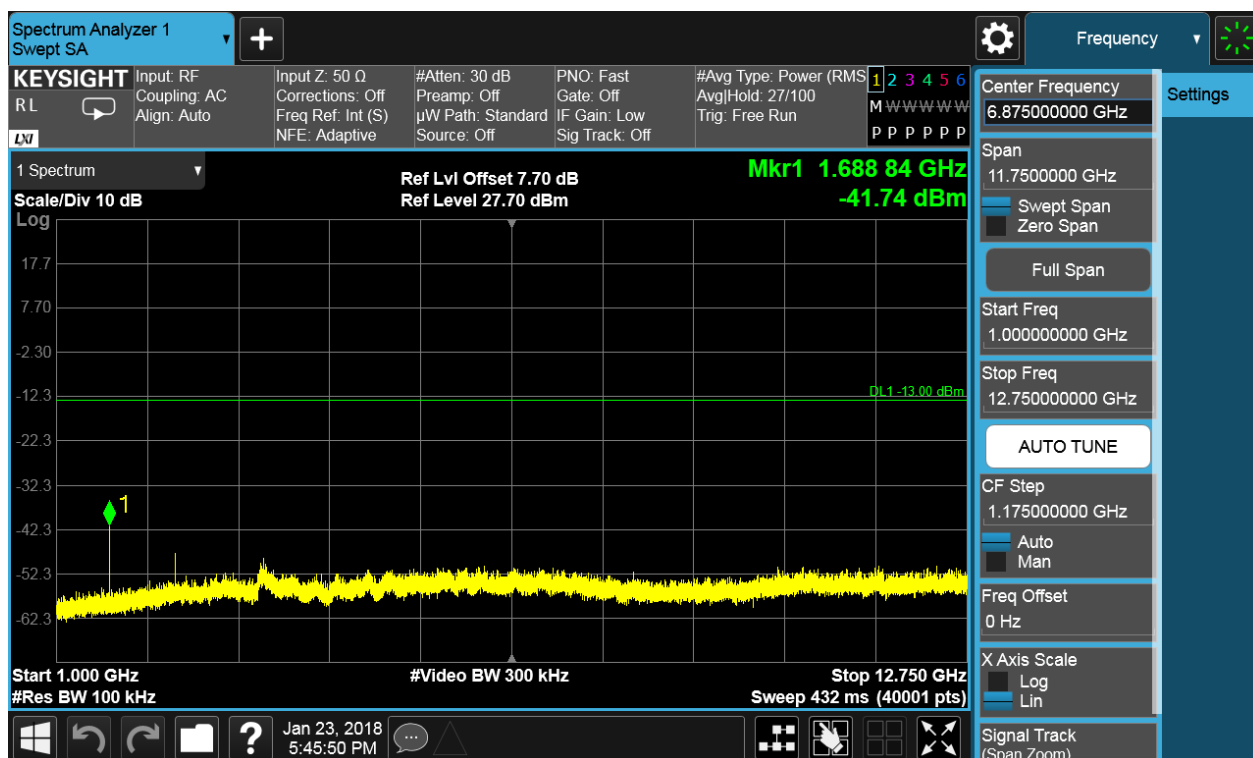
6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0





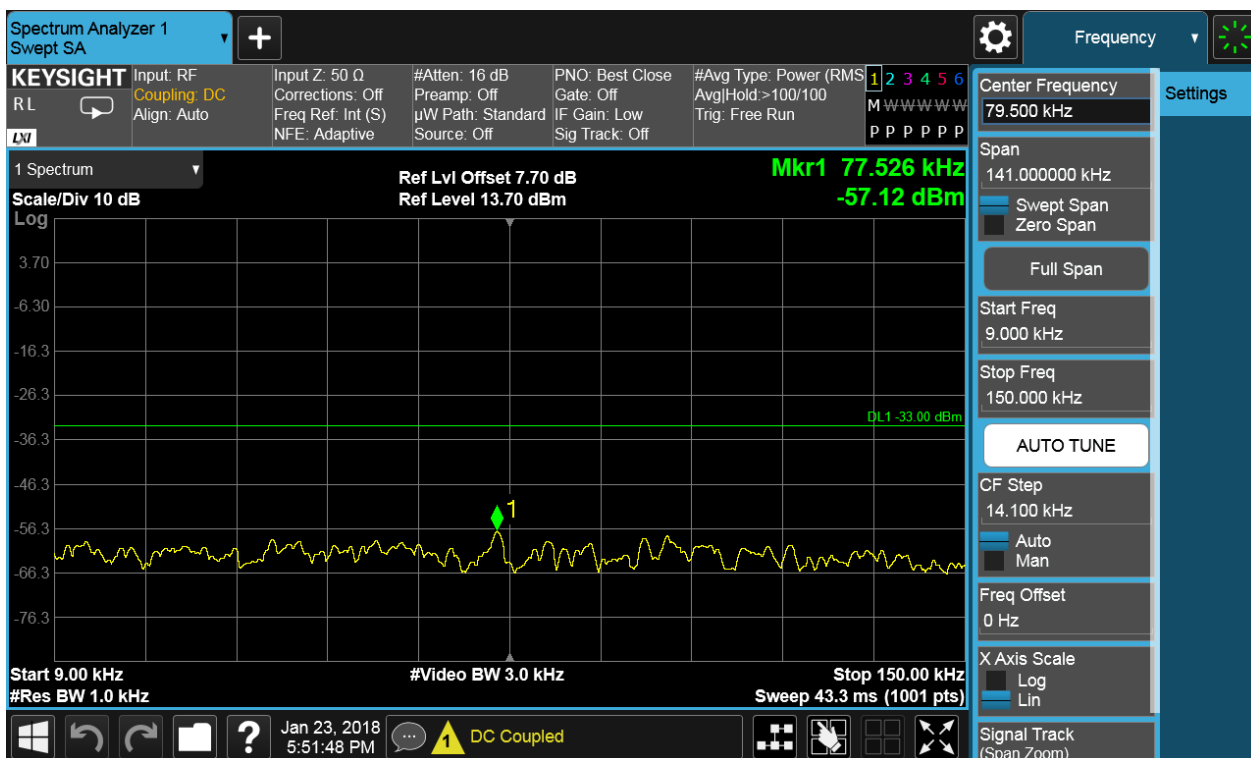


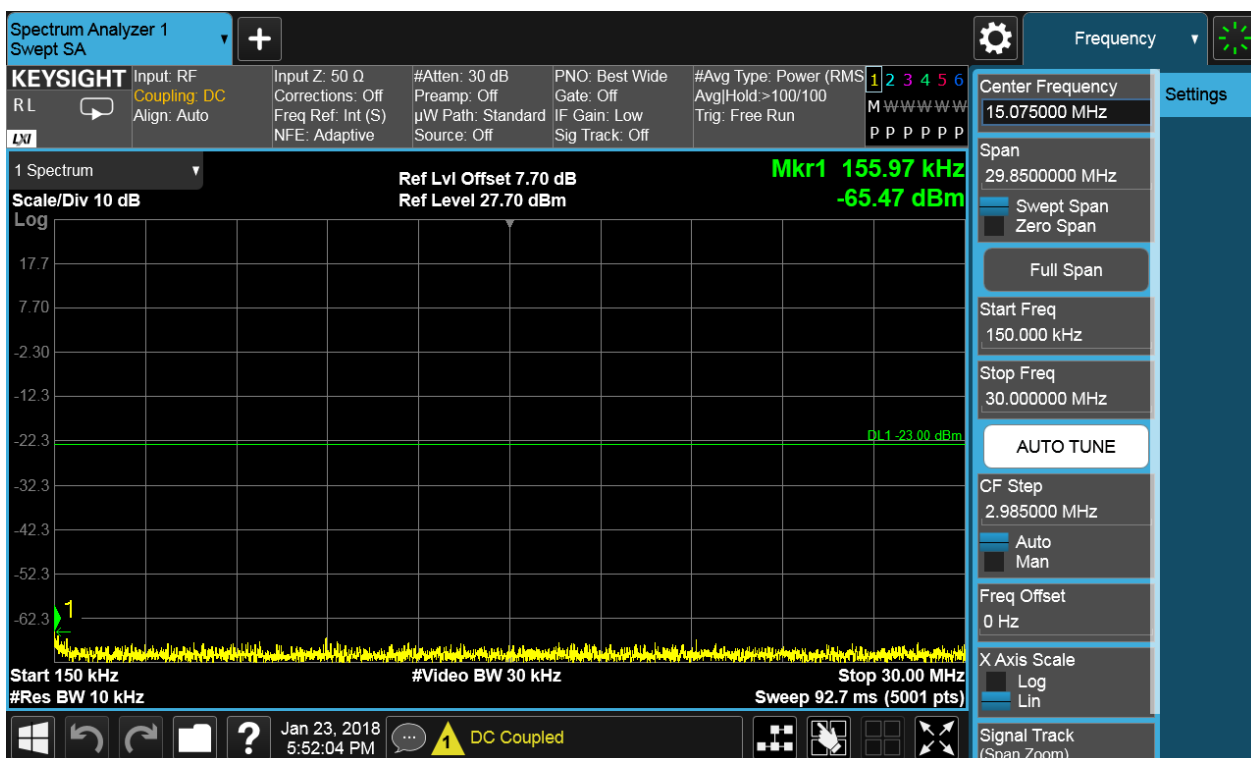


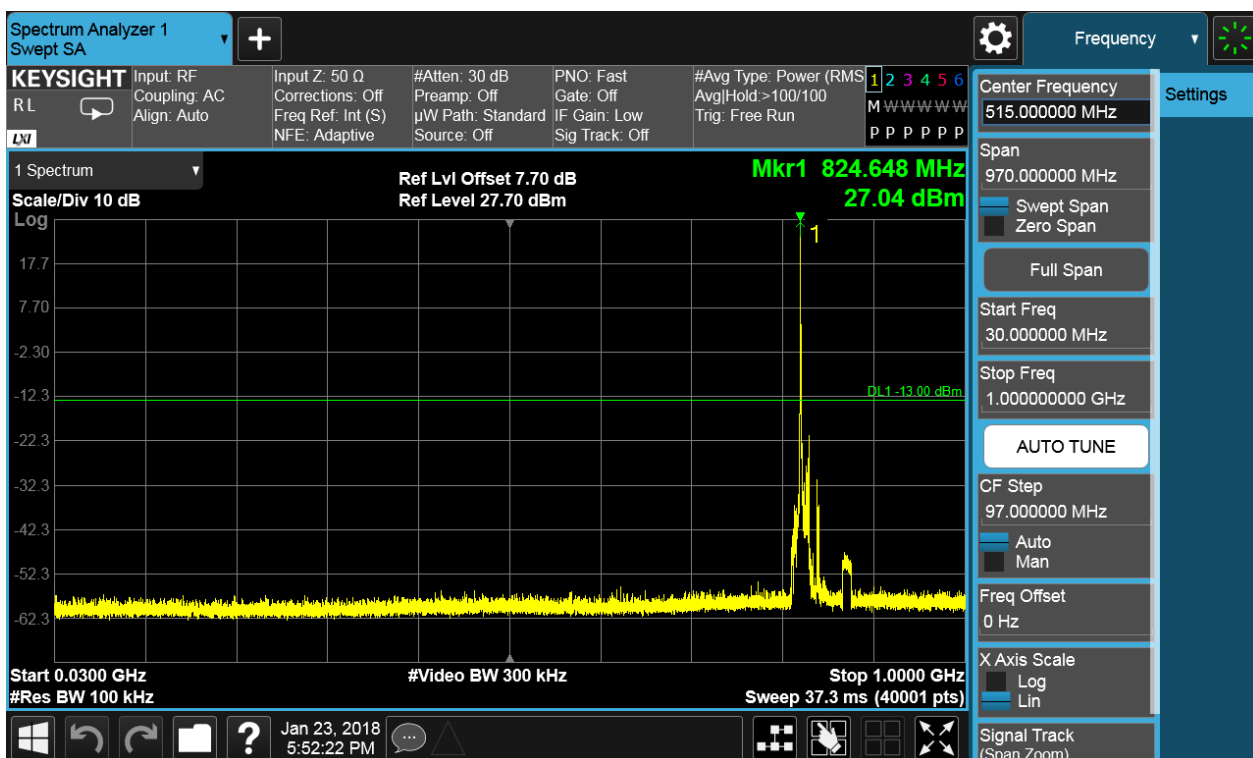
6.1.1.2.4 Test Bandwidth = 10

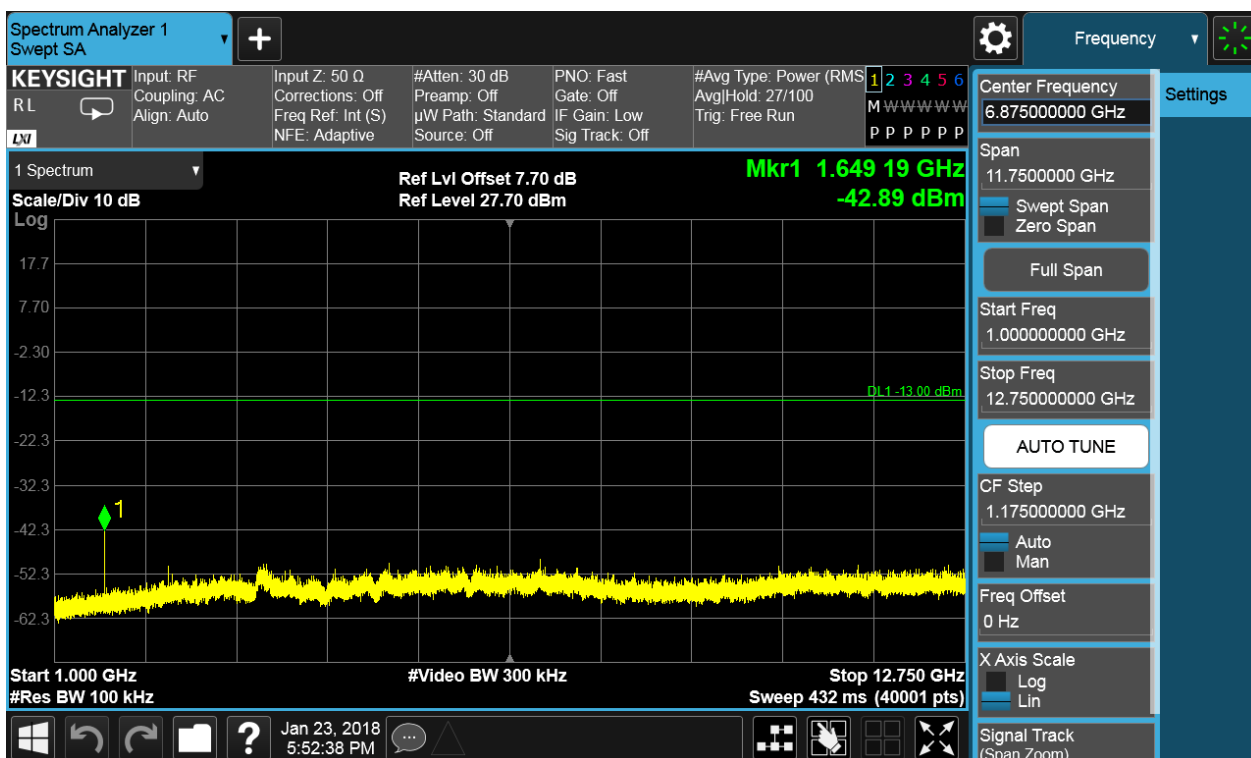
6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0



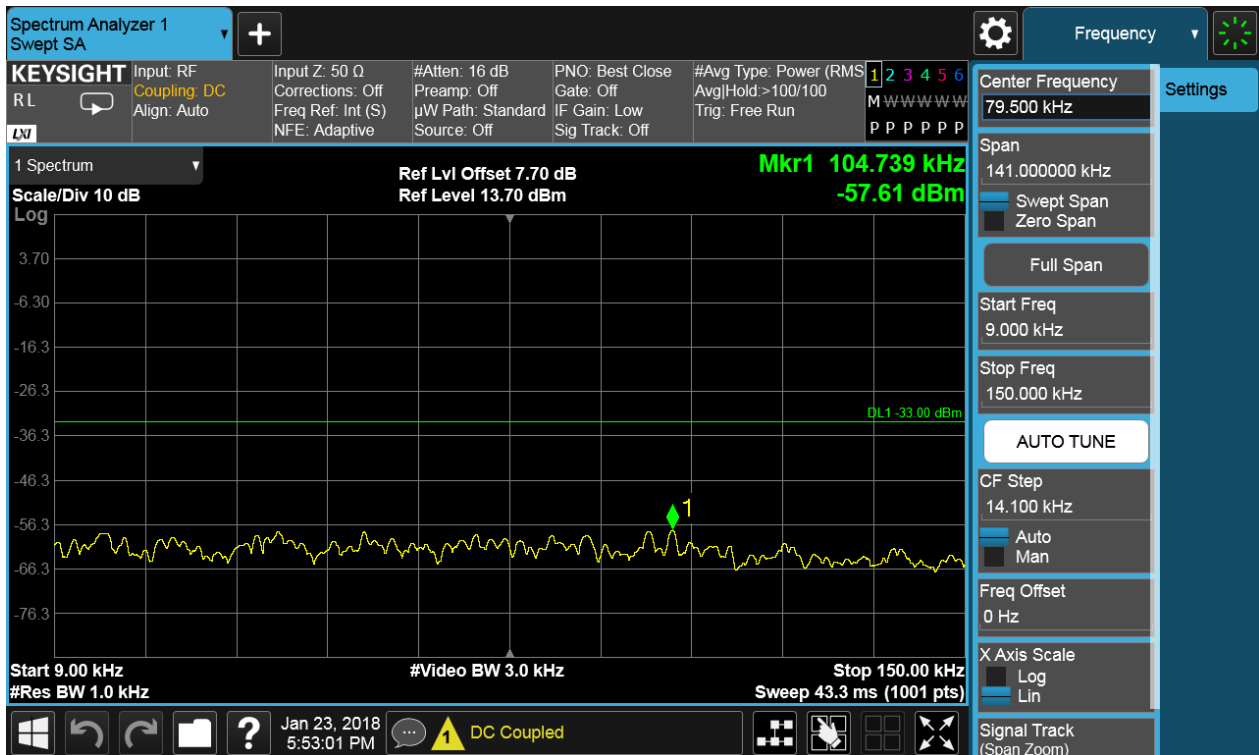


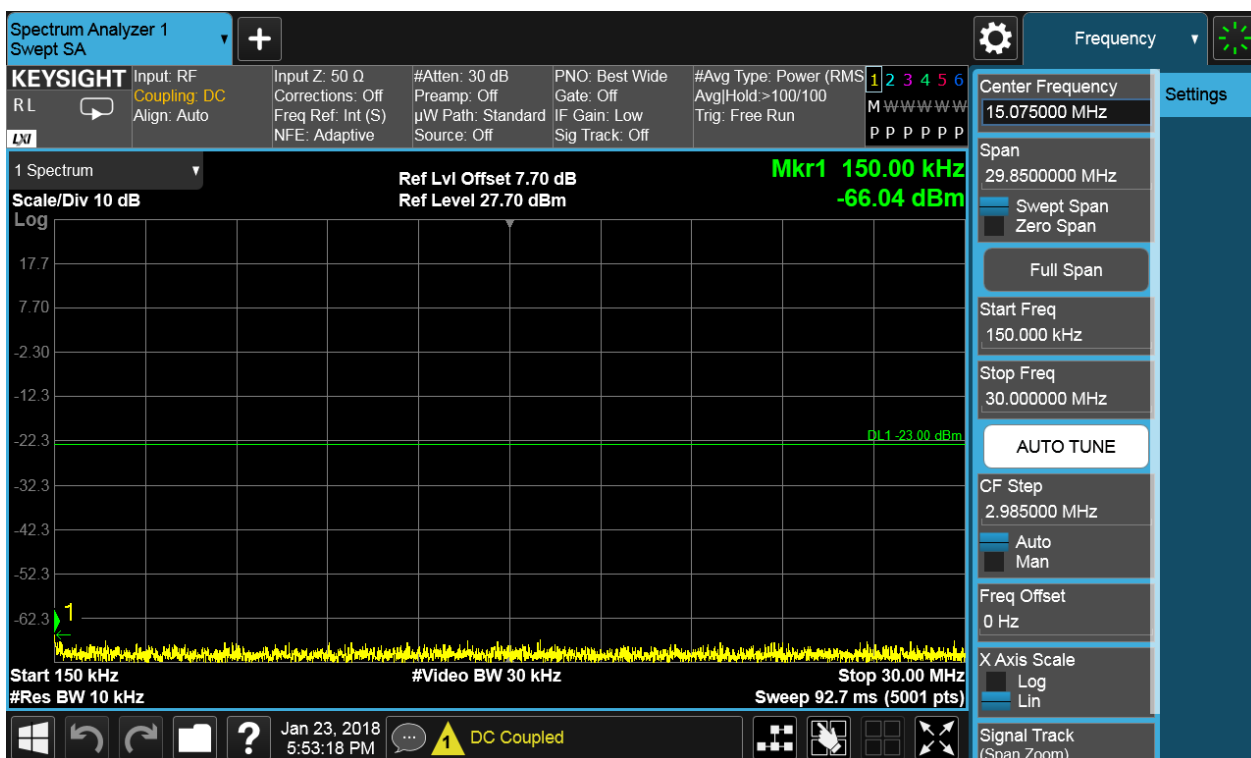


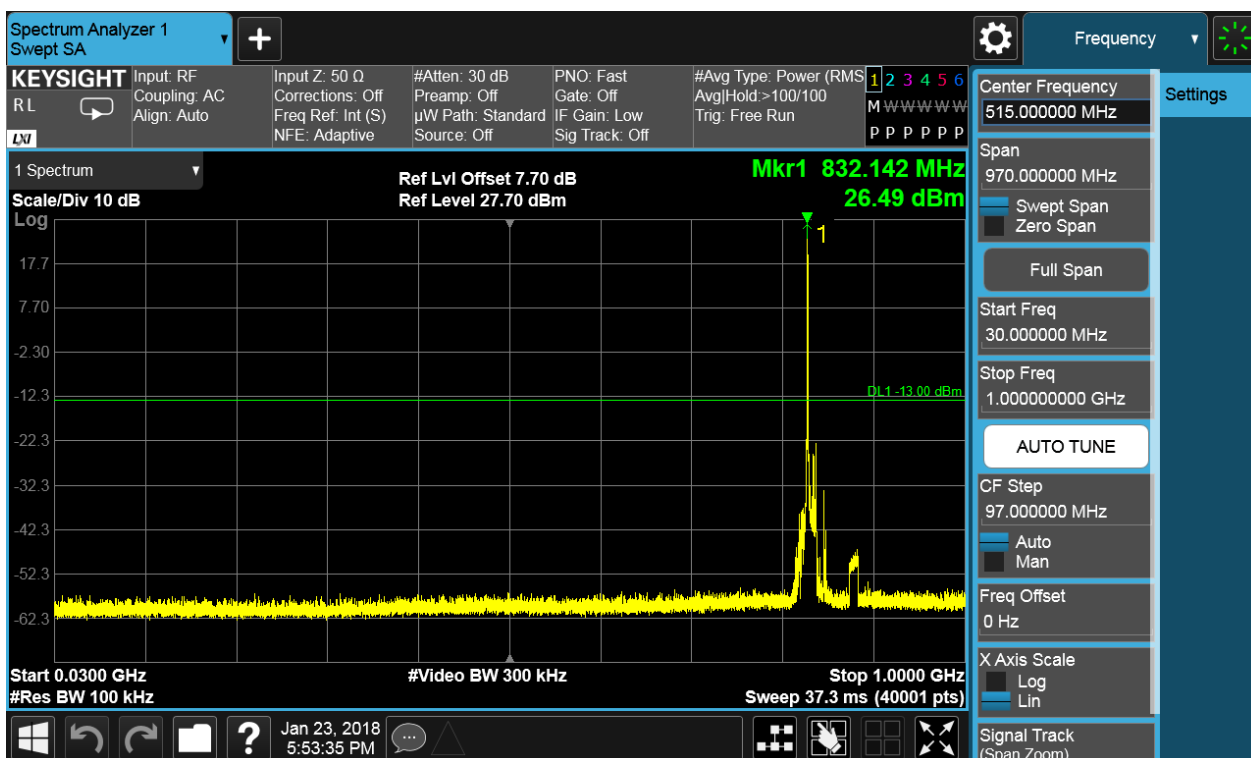


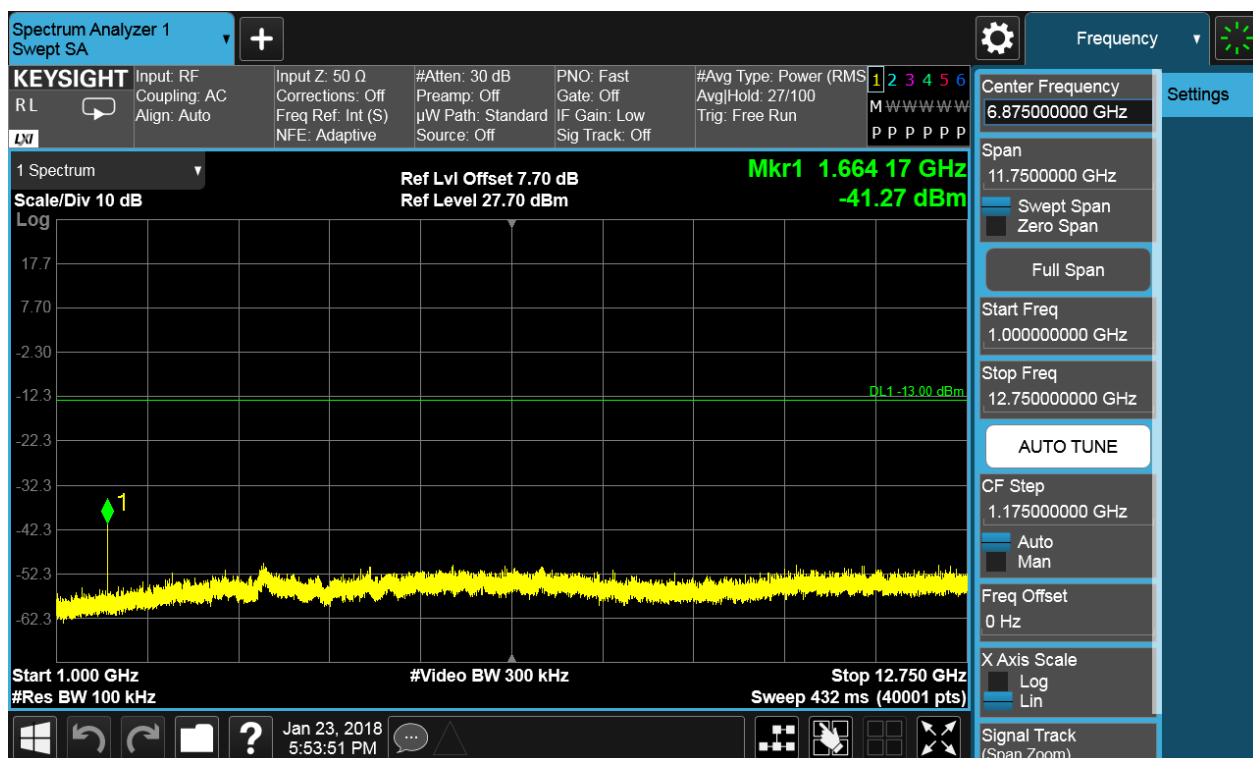
6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0



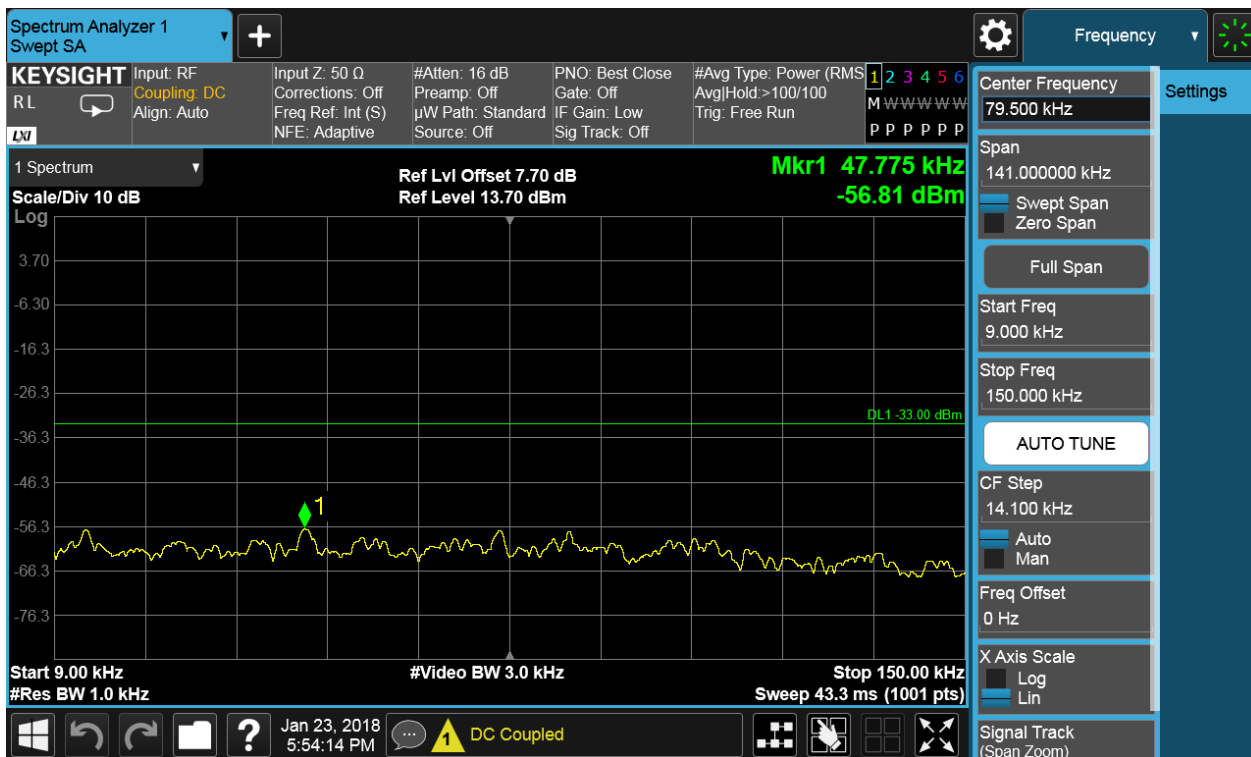


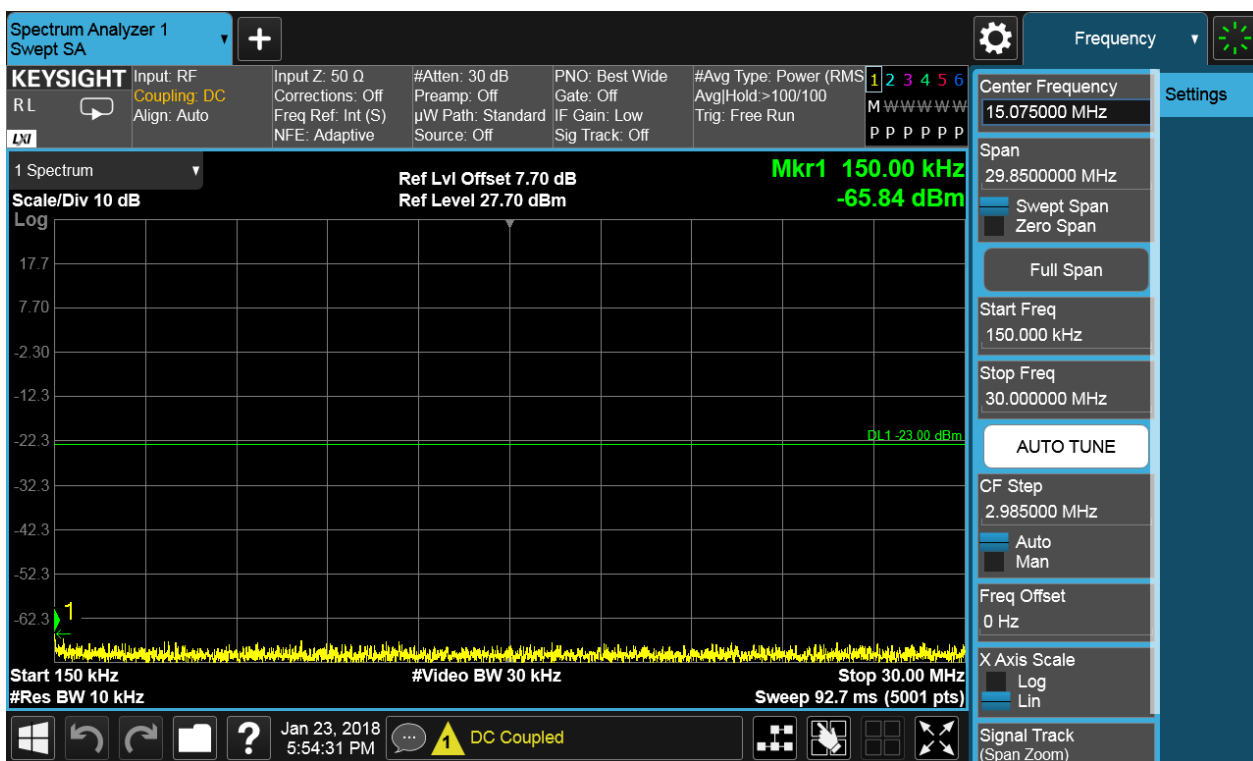


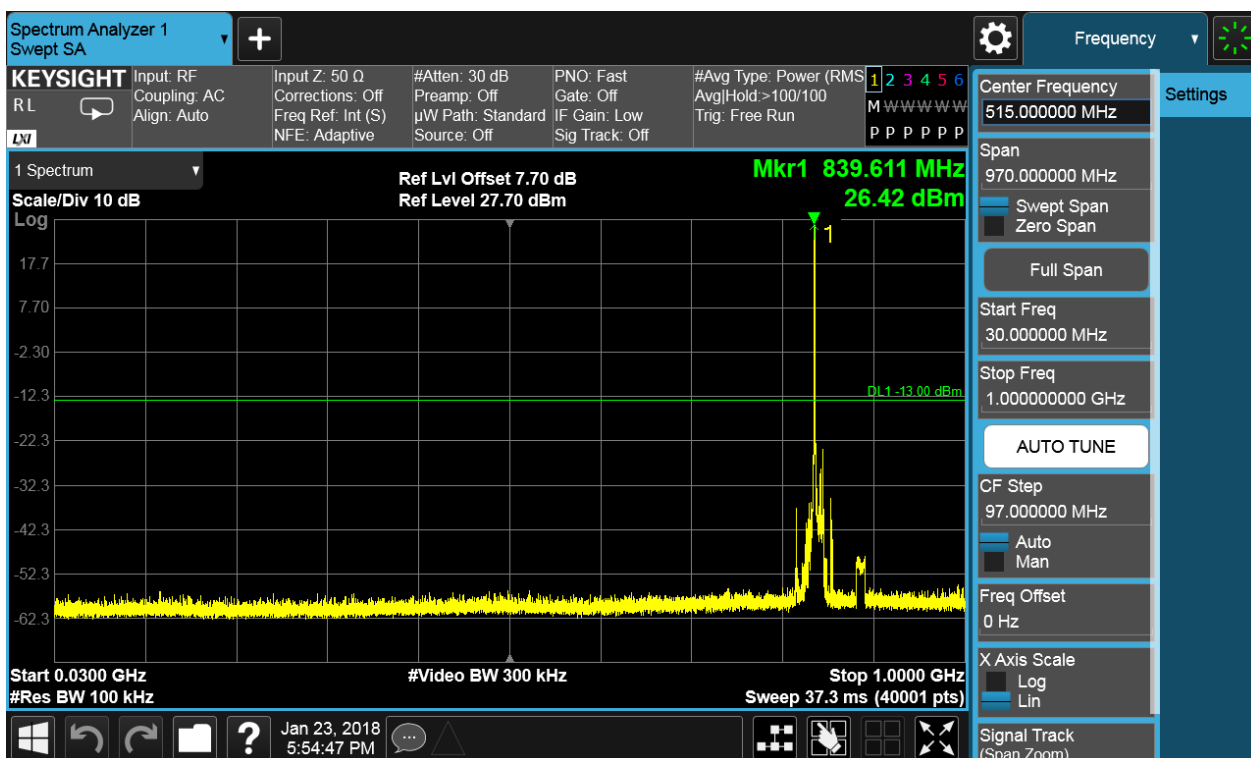


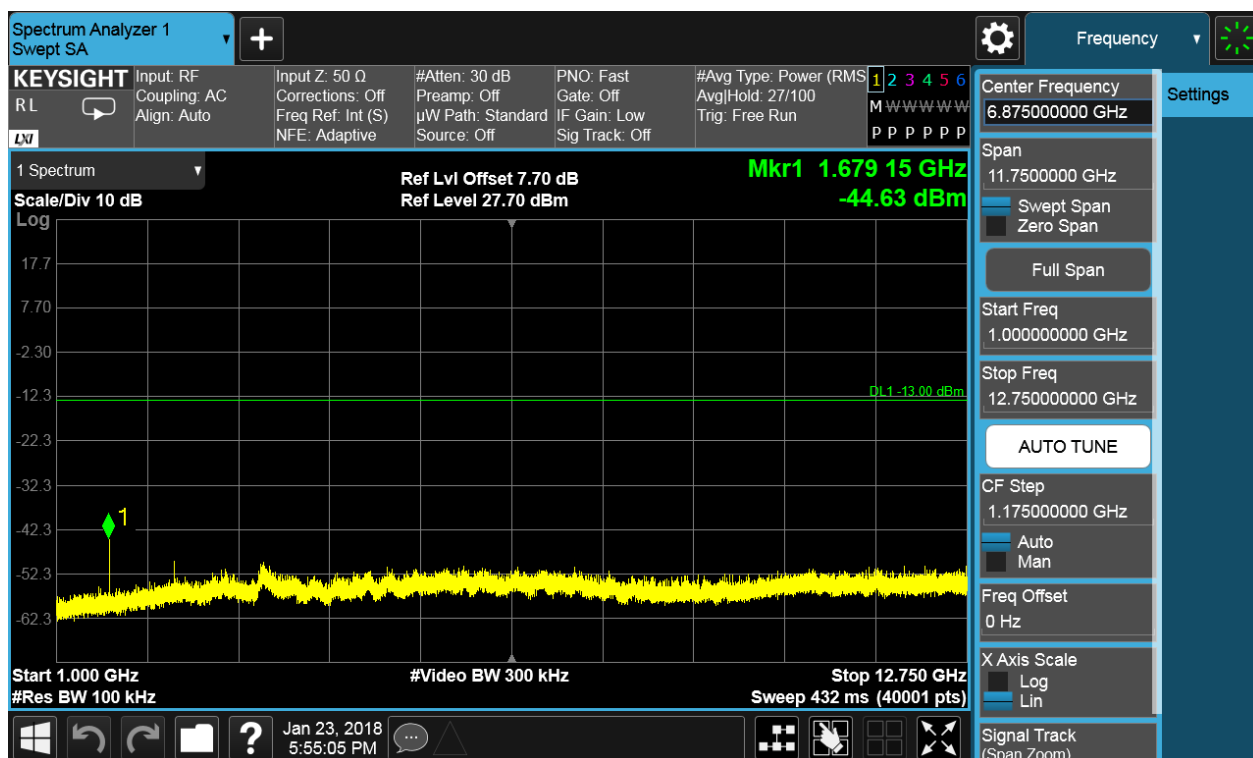
6.1.1.2.4.3 Test Channel = HCH

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.

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

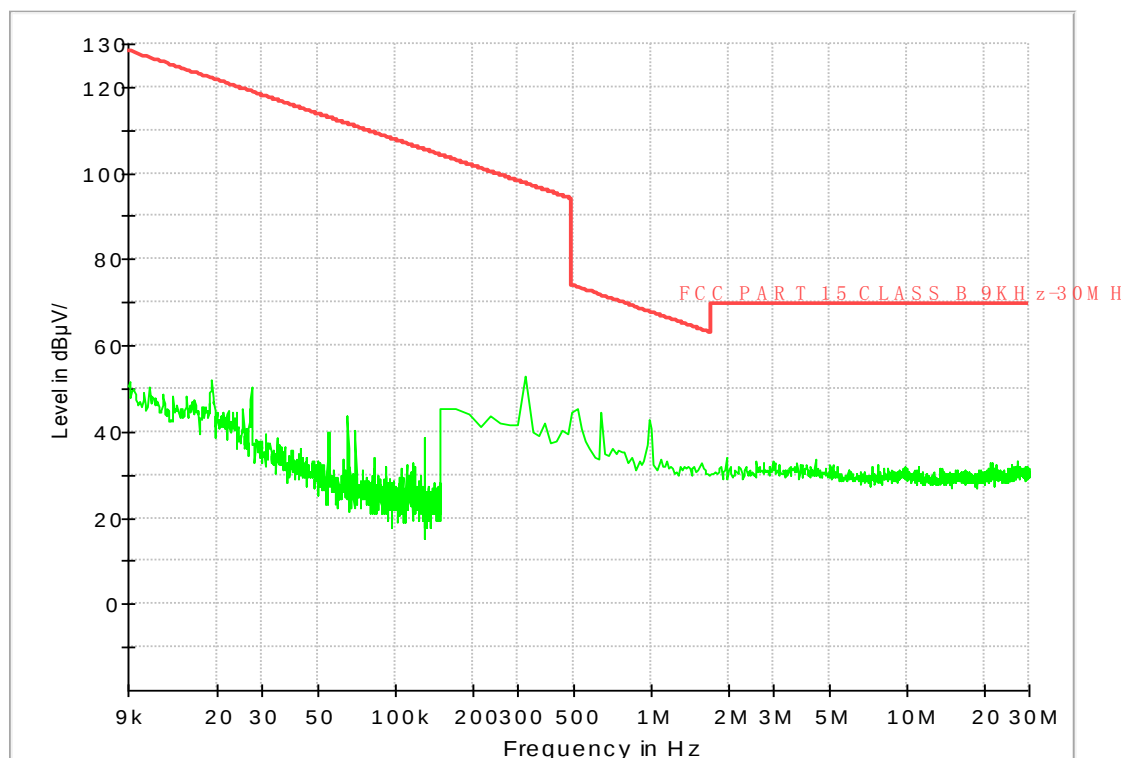
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

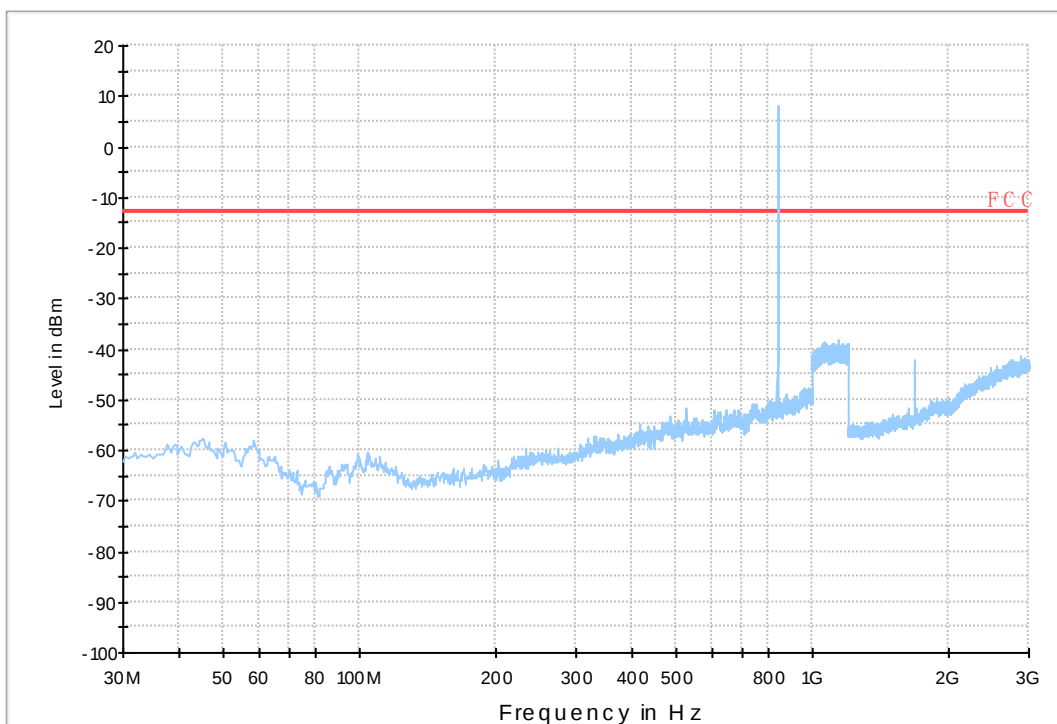
7.1 For LTE

7.1.1 Test Band = BAND5

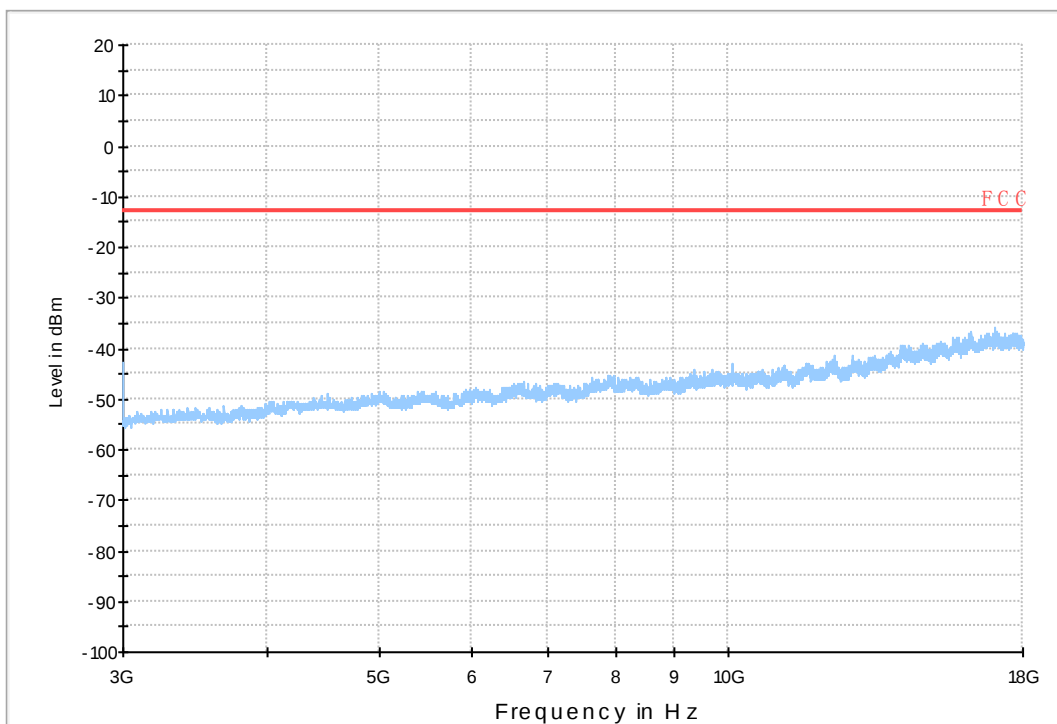
7.1.1.1 Test Bandwidth = 1.4



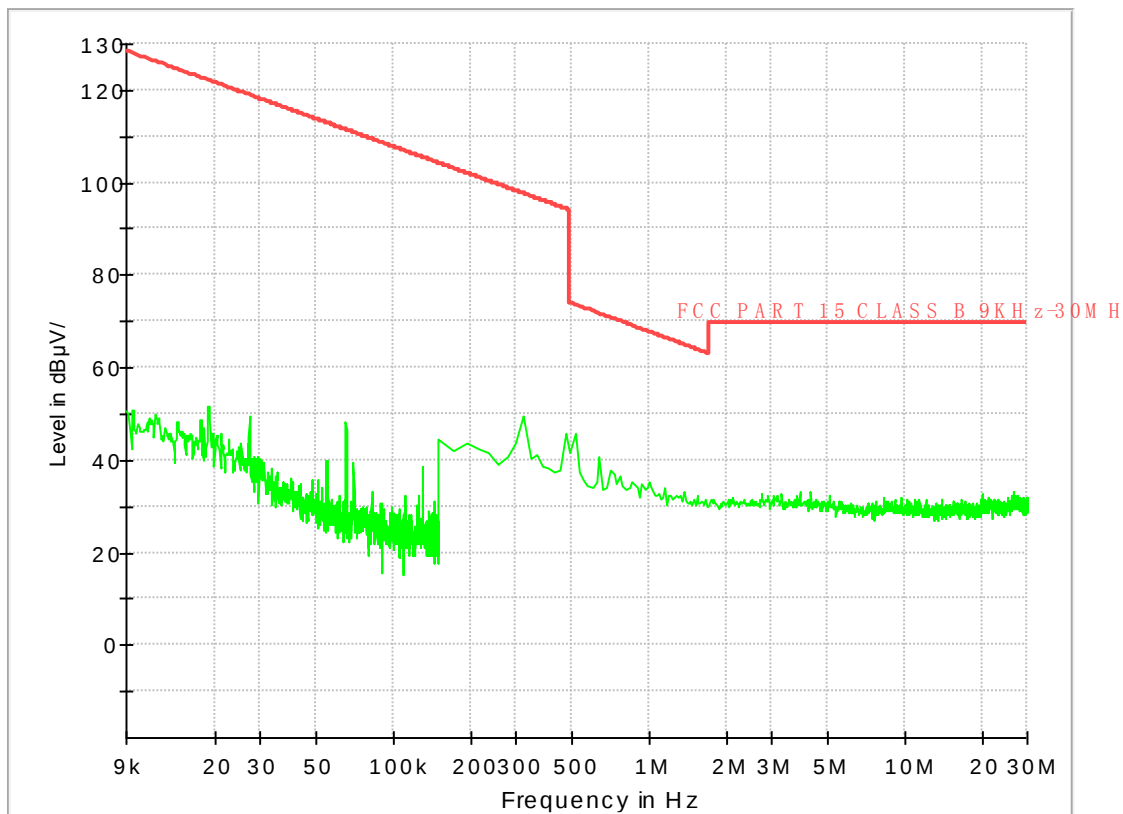
Copy of RSE-TX-DIRECTOR BELOW 1G_L



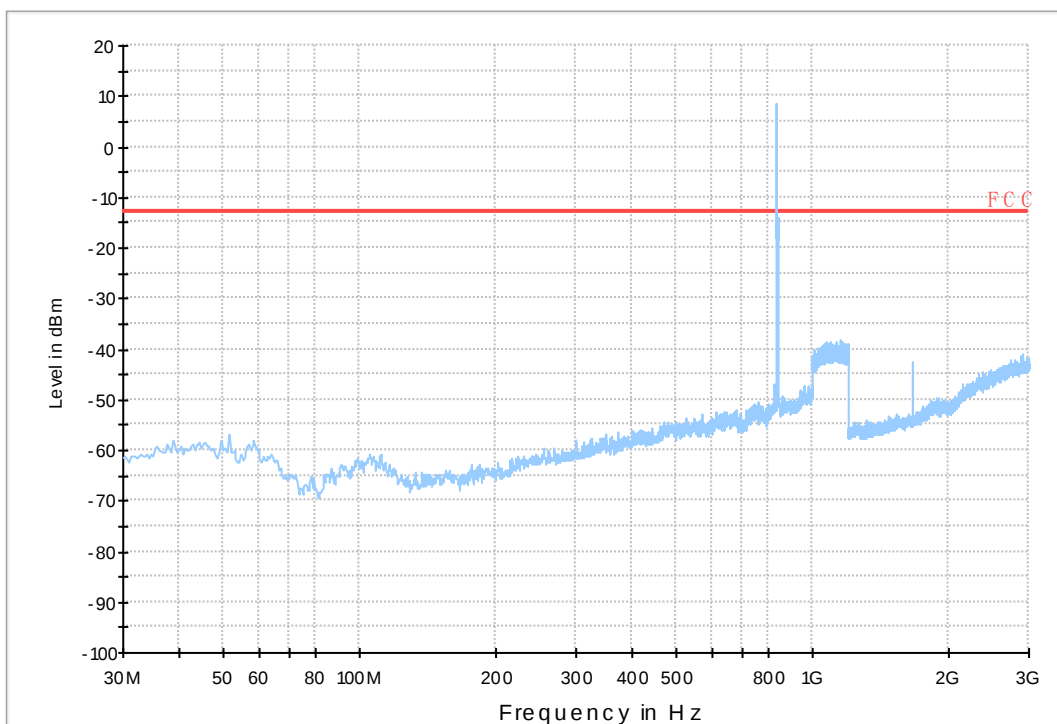
Copy of RSE-TX-DIRECTOR BELOW 1G_H



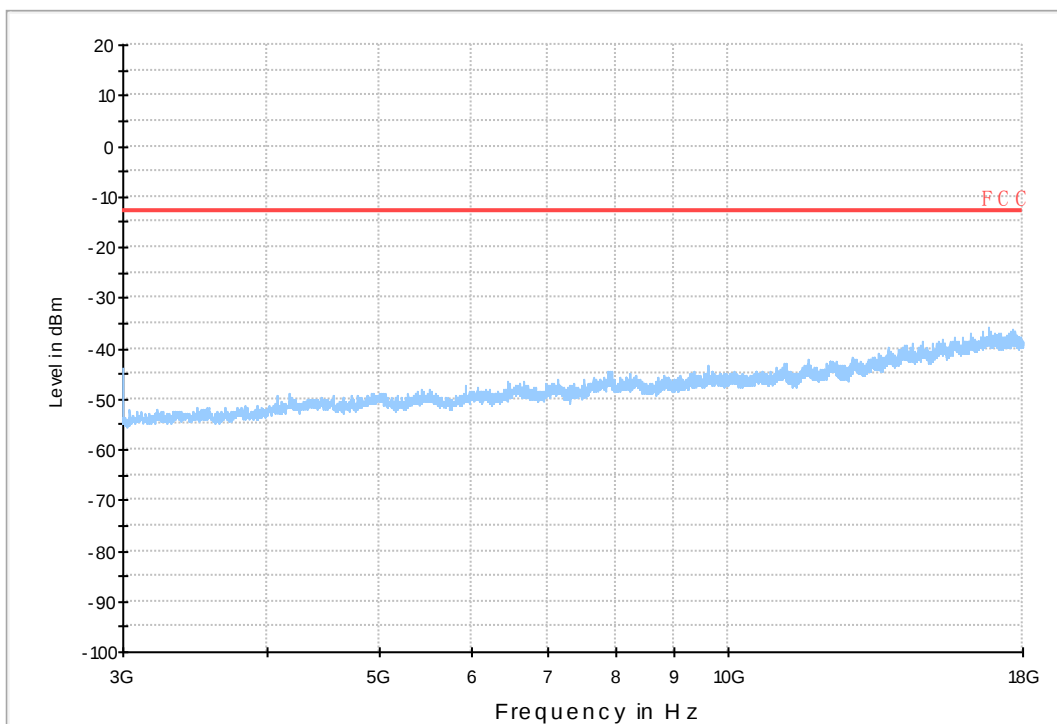
7.1.1.3 Test Bandwidth = 10



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
BAND5	LTE/TM1	1.4	LCH	TN	VL	-7.95	-0.00964	PASS
					VN	1.63	0.00198	PASS
					VH	1.02	0.00124	PASS
			MCH	TN	VL	-12.26	-0.01466	PASS
					VN	-6.14	-0.00734	PASS
					VH	-16.25	-0.01943	PASS
			HCH	TN	VL	-1.04	-0.00123	PASS
					VN	-6.84	-0.00806	PASS
					VH	1.06	0.00125	PASS
		3	LCH	TN	VL	-0.16	-0.00019	PASS
					VN	-2.23	-0.0027	PASS
					VH	-2.22	-0.00269	PASS
			MCH	TN	VL	16.41	0.01962	PASS
					VN	22.30	0.02666	PASS
					VH	29.45	0.03521	PASS
			HCH	TN	VL	-1.59	-0.00188	PASS
					VN	-0.89	-0.00105	PASS
					VH	-2.16	-0.00255	PASS
		5	LCH	TN	VL	-1.65	-0.002	PASS
					VN	1.63	0.00197	PASS
					VH	-0.06	-0.00007	PASS
			MCH	TN	VL	-7.71	-0.00922	PASS
					VN	-1.37	-0.00164	PASS
					VH	-1.70	-0.00203	PASS
			HCH	TN	VL	0.49	0.00058	PASS
					VN	-1.62	-0.00191	PASS
					VH	1.75	0.00207	PASS
		10	LCH	TN	VL	-0.73	-0.00088	PASS
					VN	-0.33	-0.0004	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				TN	VH	2.02	0.00244	PASS
					VL	1.07	0.00128	PASS
					VN	-1.22	-0.00146	PASS
			MCH	TN	VH	-2.57	-0.00307	PASS
					VL	0.92	0.00109	PASS
					VN	-0.47	-0.00056	PASS
			HCH	TN	VH	-0.11	-0.00013	PASS
					VL	0.92	0.00109	PASS
					VN	-0.47	-0.00056	PASS
		1.4	LCH	TN	VH	-1.87	-0.00227	PASS
					VL	0.63	0.00076	PASS
					VN	-2.53	-0.00307	PASS
			MCH	TN	VH	-30.94	-0.03699	PASS
					VL	-102.42	-0.12244	PASS
					VN	-9.70	-0.0116	PASS
			HCH	TN	VH	0.72	0.00085	PASS
					VL	0.41	0.00048	PASS
					VN	-1.70	-0.002	PASS
	LTE/TM2	3	LCH	TN	VH	-2.20	-0.00267	PASS
					VL	0.62	0.00075	PASS
					VN	-0.99	-0.0012	PASS
			MCH	TN	VH	-12.43	-0.01486	PASS
					VL	-30.70	-0.0367	PASS
					VN	-30.93	-0.03698	PASS
			HCH	TN	VH	2.40	0.00283	PASS
					VL	-1.86	-0.00219	PASS
					VN	0.07	0.00008	PASS
		5	LCH	TN	VH	-0.99	-0.0012	PASS
					VL	-0.94	-0.00114	PASS
					VN	-3.68	-0.00445	PASS
			MCH	TN	VH	3.32	0.00397	PASS
					VL	-4.78	-0.00571	PASS
					VN	9.18	0.01097	PASS
			HCH	TN	VH	-0.87	-0.00103	PASS
					VL	0.87	0.00103	PASS
					VN	1.22	0.00144	PASS
		10	LCH	TN	VH	-1.32	-0.00159	PASS
					VL	-0.11	-0.00013	PASS
					VN	-1.37	-0.00165	PASS
			MCH	TN	VH	5.24	0.00626	PASS
					VL	2.32	0.00277	PASS
					VN	2.32	0.00277	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	TN	VH	2.57	0.00307	PASS
					VL	0.94	0.00111	PASS
					VN	0.94	0.00111	PASS
					VH	1.76	0.00209	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
BAND5	LTE/TM1	1.4	LCH	VN	-30	-0.26	-0.00032	PASS
					-20	-3.38	-0.0041	PASS
					-10	-6.51	-0.00789	PASS
					0	-4.59	-0.00557	PASS
					10	-2.88	-0.00349	PASS
					20	-2.19	-0.00266	PASS
					30	-0.86	-0.00104	PASS
					40	-3.30	-0.004	PASS
					50	-1.82	-0.00221	PASS
			MCH	VN	-30	114.78	0.13721	PASS
					-20	117.46	0.14042	PASS
					-10	-2.20	-0.00263	PASS
					0	138.26	0.16528	PASS
					10	170.77	0.20415	PASS
					20	109.09	0.13041	PASS
					30	100.29	0.11989	PASS
					40	87.72	0.10487	PASS
					50	89.36	0.10683	PASS
			HCH	VN	-30	-1.79	-0.00211	PASS
					-20	-2.85	-0.00336	PASS
					-10	-2.39	-0.00282	PASS
					0	-0.23	-0.00027	PASS
					10	-0.70	-0.00083	PASS
					20	-0.31	-0.00037	PASS
					30	-0.57	-0.00067	PASS
					40	-6.25	-0.00737	PASS
					50	-2.95	-0.00348	PASS
		3	LCH	VN	-30	0.20	0.00024	PASS
					-20	-0.30	-0.00036	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-0.07	-0.00008	PASS
					0	-2.02	-0.00245	PASS
					10	-0.29	-0.00035	PASS
					20	-1.16	-0.00141	PASS
					30	-0.34	-0.00041	PASS
					40	1.82	0.0022	PASS
					50	-4.85	-0.00588	PASS
			MCH	VN	-30	-0.84	-0.001	PASS
					-20	-0.73	-0.00087	PASS
					-10	-0.96	-0.00115	PASS
					0	0.41	0.00049	PASS
					10	-1.47	-0.00176	PASS
					20	-2.03	-0.00243	PASS
					30	-1.30	-0.00155	PASS
					40	-1.70	-0.00203	PASS
					50	-0.37	-0.00044	PASS
			HCH	VN	-30	-0.44	-0.00052	PASS
					-20	-3.85	-0.00454	PASS
					-10	-1.20	-0.00142	PASS
					0	-4.22	-0.00498	PASS
					10	2.22	0.00262	PASS
					20	1.27	0.0015	PASS
					30	-3.56	-0.0042	PASS
					40	-9.00	-0.01062	PASS
					50	0.34	0.0004	PASS
		5	LCH	VN	-30	-1.97	-0.00238	PASS
					-20	0.23	0.00028	PASS
					-10	-3.83	-0.00463	PASS
					0	-4.22	-0.00511	PASS
					10	-3.55	-0.0043	PASS
					20	-0.62	-0.00075	PASS
					30	-0.74	-0.0009	PASS
					40	-1.77	-0.00214	PASS
					50	0.19	0.00023	PASS
			MCH	VN	-30	-6.72	-0.00803	PASS
					-20	-4.42	-0.00528	PASS
					-10	-10.01	-0.01197	PASS
					0	-9.64	-0.01152	PASS
					10	0.76	0.00091	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	-0.21	-0.00025	PASS
					30	-6.78	-0.00811	PASS
					40	0.24	0.00029	PASS
					50	-2.83	-0.00338	PASS
			HCH	VN	-30	-0.29	-0.00034	PASS
					-20	-0.86	-0.00102	PASS
					-10	-0.57	-0.00067	PASS
					0	1.36	0.00161	PASS
					10	-0.41	-0.00048	PASS
					20	0.96	0.00113	PASS
					30	-1.26	-0.00149	PASS
					40	-1.32	-0.00156	PASS
					50	-1.67	-0.00197	PASS
		10	LCH	VN	-30	-0.33	-0.0004	PASS
					-20	-0.44	-0.00053	PASS
					-10	0.26	0.00031	PASS
					0	-0.07	-0.00008	PASS
					10	-1.39	-0.00168	PASS
					20	-1.54	-0.00186	PASS
					30	0.21	0.00025	PASS
					40	-1.40	-0.00169	PASS
					50	0.36	0.00043	PASS
			MCH	VN	-30	-2.10	-0.00251	PASS
					-20	-2.69	-0.00322	PASS
					-10	-3.39	-0.00405	PASS
					0	-2.06	-0.00246	PASS
					10	-1.42	-0.0017	PASS
					20	-4.16	-0.00497	PASS
					30	-3.06	-0.00366	PASS
					40	-1.56	-0.00186	PASS
					50	-2.69	-0.00322	PASS
			HCH	VN	-30	-1.37	-0.00162	PASS
					-20	-1.66	-0.00197	PASS
					-10	-1.69	-0.002	PASS
					0	-1.30	-0.00154	PASS
					10	-1.34	-0.00159	PASS
					20	-1.14	-0.00135	PASS
					30	-0.47	-0.00056	PASS
					40	-1.14	-0.00135	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	1.4	LCH	VN	50	-1.02	-0.00121	PASS
					-30	-1.82	-0.00221	PASS
					-20	-2.30	-0.00279	PASS
					-10	0.34	0.00041	PASS
					0	-1.33	-0.00161	PASS
					10	-4.92	-0.00597	PASS
					20	-6.72	-0.00815	PASS
					30	-4.98	-0.00604	PASS
					40	-4.26	-0.00517	PASS
					50	-3.60	-0.00437	PASS
			MCH	VN	-30	0.33	0.00039	PASS
					-20	-0.66	-0.00079	PASS
					-10	0.66	0.00079	PASS
					0	0.37	0.00044	PASS
					10	-0.37	-0.00044	PASS
					20	-0.29	-0.00035	PASS
					30	0.67	0.0008	PASS
					40	-1.50	-0.00179	PASS
					50	0.83	0.00099	PASS
			HCH	VN	-30	2.05	0.00242	PASS
					-20	1.16	0.00137	PASS
					-10	0.43	0.00051	PASS
					0	0.73	0.00086	PASS
					10	-0.57	-0.00067	PASS
					20	-0.76	-0.0009	PASS
					30	-3.35	-0.00395	PASS
					40	-0.94	-0.00111	PASS
					50	-0.83	-0.00098	PASS
		3	LCH	VN	-30	-1.63	-0.00197	PASS
					-20	1.70	0.00206	PASS
					-10	-0.34	-0.00041	PASS
					0	1.22	0.00148	PASS
					10	-3.33	-0.00403	PASS
					20	-1.85	-0.00224	PASS
					30	-1.00	-0.00121	PASS
					40	-1.14	-0.00138	PASS
					50	-4.32	-0.00523	PASS
			MCH	VN	-30	-0.13	-0.00016	PASS
					-20	-1.95	-0.00233	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-1.49	-0.00178	PASS
					0	-1.26	-0.00151	PASS
					10	-0.60	-0.00072	PASS
					20	-1.70	-0.00203	PASS
					30	0.23	0.00027	PASS
					40	-0.54	-0.00065	PASS
					50	0.34	0.00041	PASS
			HCH	VN	-30	-0.99	-0.00117	PASS
					-20	-1.59	-0.00188	PASS
					-10	-0.74	-0.00087	PASS
					0	-0.97	-0.00114	PASS
					10	-1.75	-0.00206	PASS
					20	-2.66	-0.00314	PASS
					30	-2.33	-0.00275	PASS
					40	-1.42	-0.00168	PASS
					50	-2.75	-0.00324	PASS
		5	LCH	VN	-30	-0.66	-0.0008	PASS
					-20	-0.39	-0.00047	PASS
					-10	-0.90	-0.00109	PASS
					0	0.84	0.00102	PASS
					10	-0.34	-0.00041	PASS
					20	-0.36	-0.00044	PASS
					30	0.04	0.00005	PASS
					40	-0.69	-0.00083	PASS
					50	0.77	0.00093	PASS
			MCH	VN	-30	-9.11	-0.01089	PASS
					-20	-8.78	-0.0105	PASS
					-10	-4.18	-0.005	PASS
					0	-5.15	-0.00616	PASS
					10	-3.60	-0.0043	PASS
					20	-2.05	-0.00245	PASS
					30	-2.62	-0.00313	PASS
					40	-6.88	-0.00822	PASS
					50	-2.99	-0.00357	PASS
			HCH	VN	-30	-0.73	-0.00086	PASS
					-20	0.96	0.00113	PASS
					-10	0.19	0.00022	PASS
					0	-1.95	-0.0023	PASS
					10	-1.96	-0.00232	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	-0.24	-0.00028	PASS
					30	0.29	0.00034	PASS
					40	-0.76	-0.0009	PASS
					50	-0.57	-0.00067	PASS
		10	LCH	VN	-30	0.24	0.00029	PASS
					-20	-1.77	-0.00214	PASS
					-10	-2.79	-0.00337	PASS
					0	-0.40	-0.00048	PASS
					10	-0.62	-0.00075	PASS
					20	0.23	0.00028	PASS
					30	-1.57	-0.00189	PASS
					40	-1.39	-0.00168	PASS
					50	-1.32	-0.00159	PASS
			MCH	VN	-30	-1.37	-0.00164	PASS
					-20	-1.42	-0.0017	PASS
					-10	-1.86	-0.00222	PASS
					0	-2.76	-0.0033	PASS
					10	-2.60	-0.00311	PASS
					20	-1.47	-0.00176	PASS
					30	-1.33	-0.00159	PASS
					40	-2.15	-0.00257	PASS
					50	-2.33	-0.00279	PASS
			HCH	VN	-30	-1.32	-0.00156	PASS
					-20	0.10	0.00012	PASS
					-10	0.10	0.00012	PASS
					0	-0.90	-0.00107	PASS
					10	-1.82	-0.00216	PASS
					20	-5.65	-0.00669	PASS
					30	-1.52	-0.0018	PASS
					40	-3.19	-0.00378	PASS
					50	-7.58	-0.00898	PASS

END