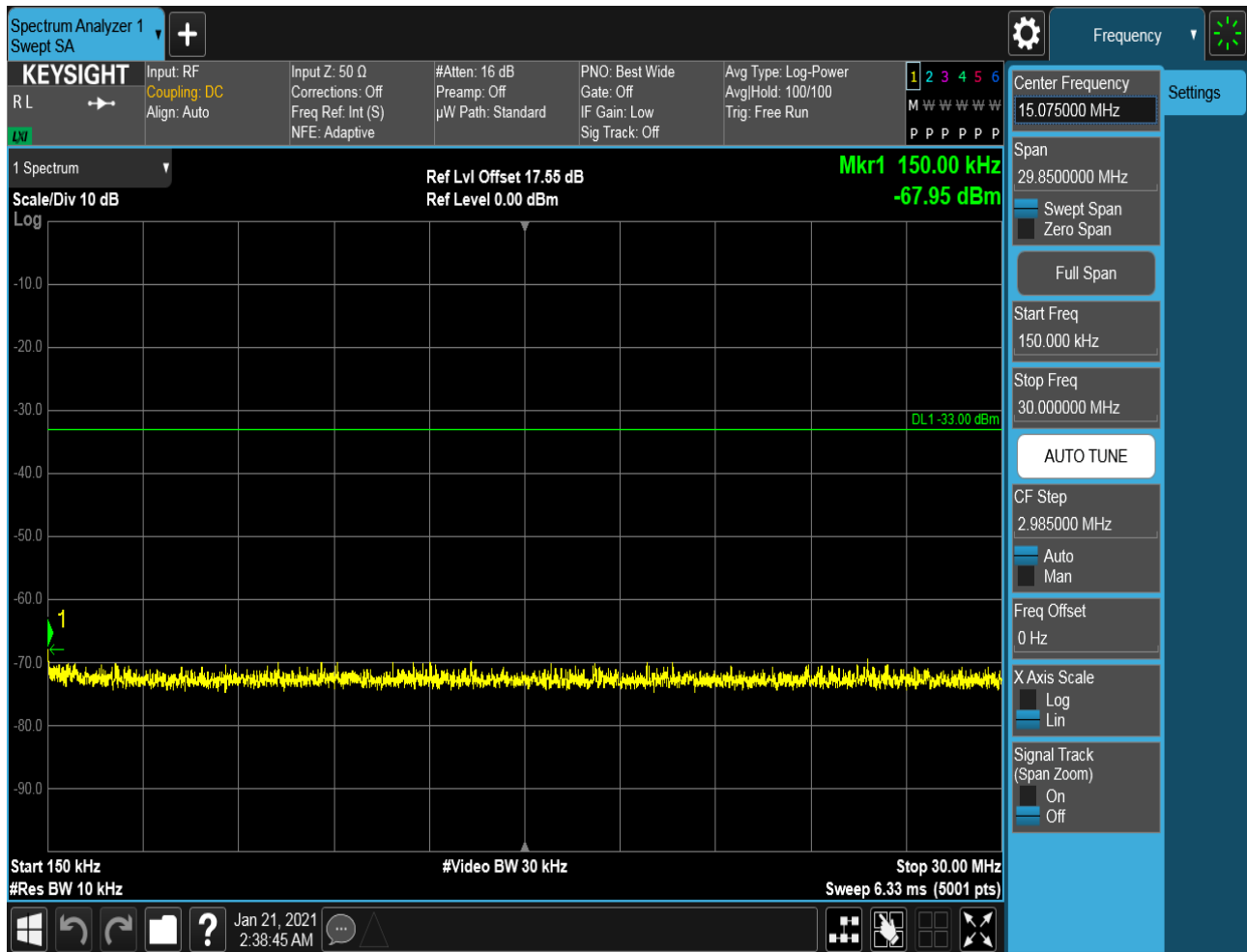
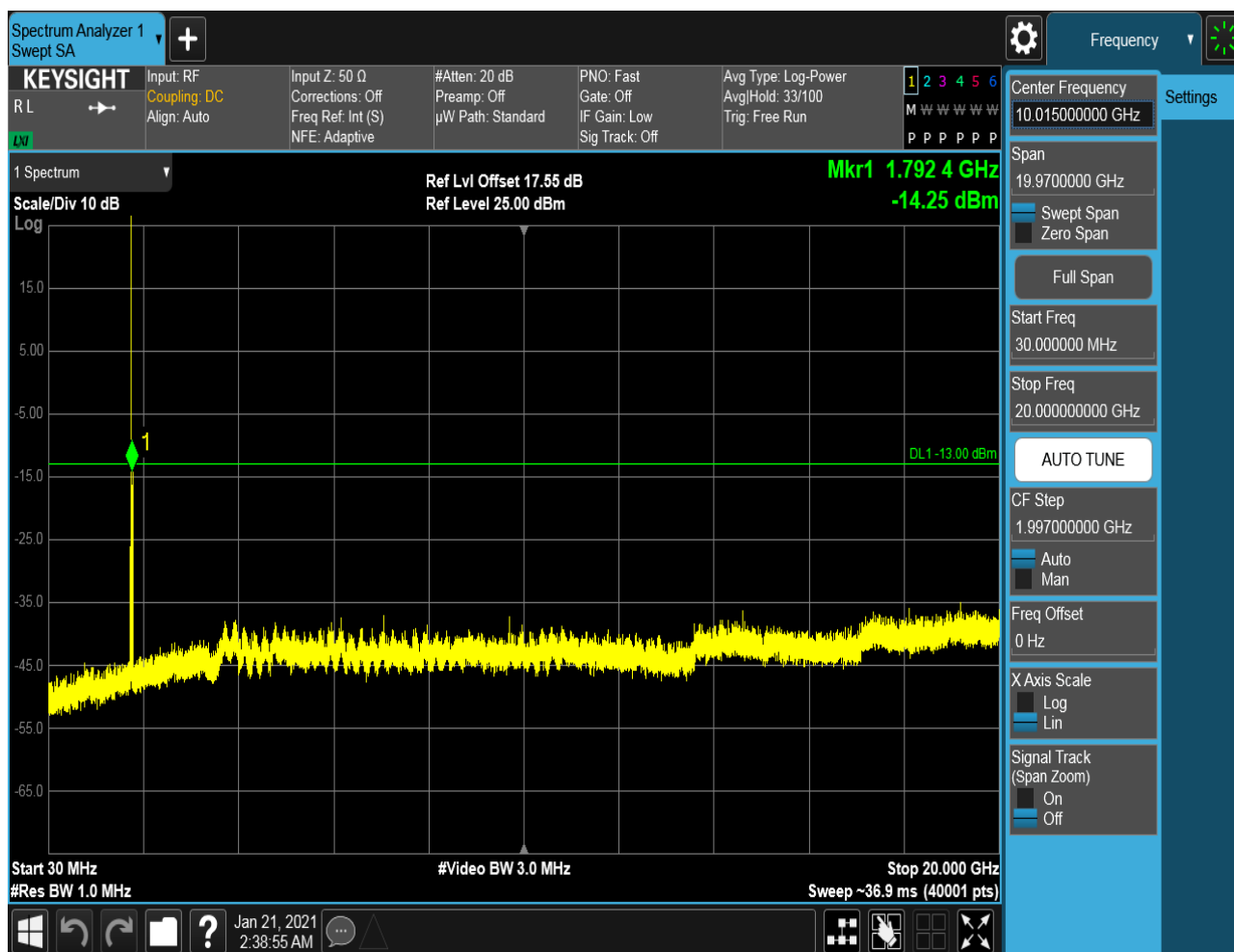


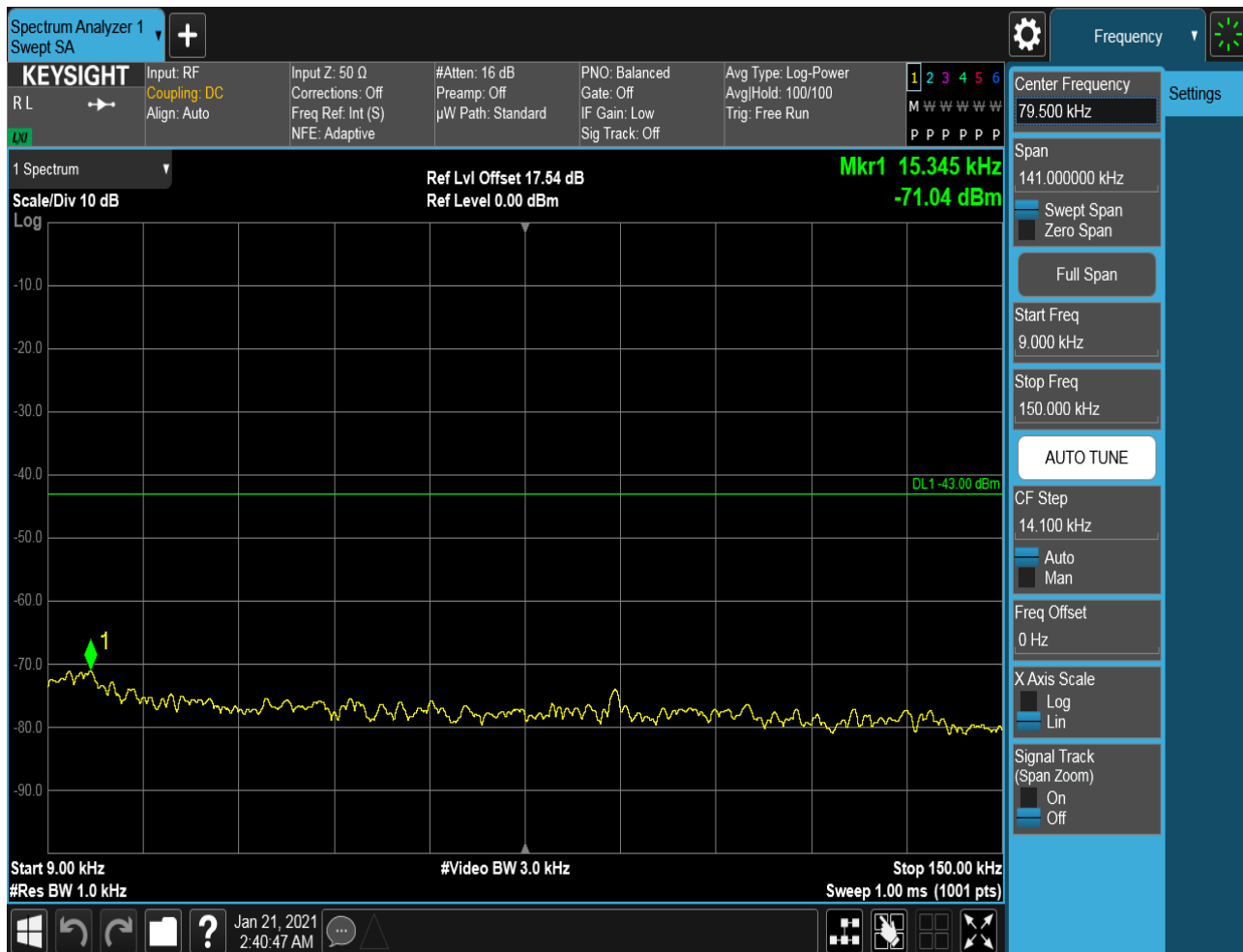


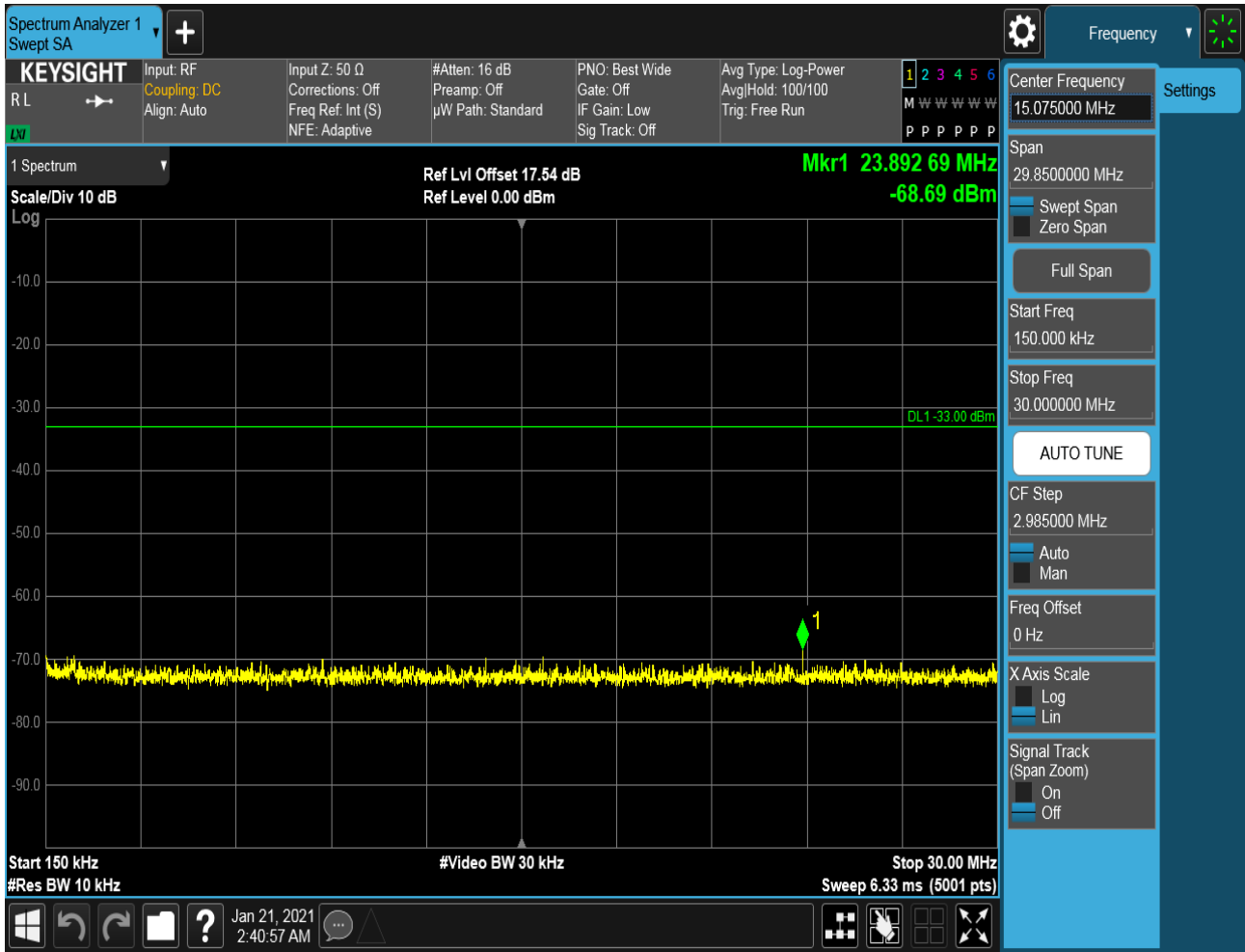


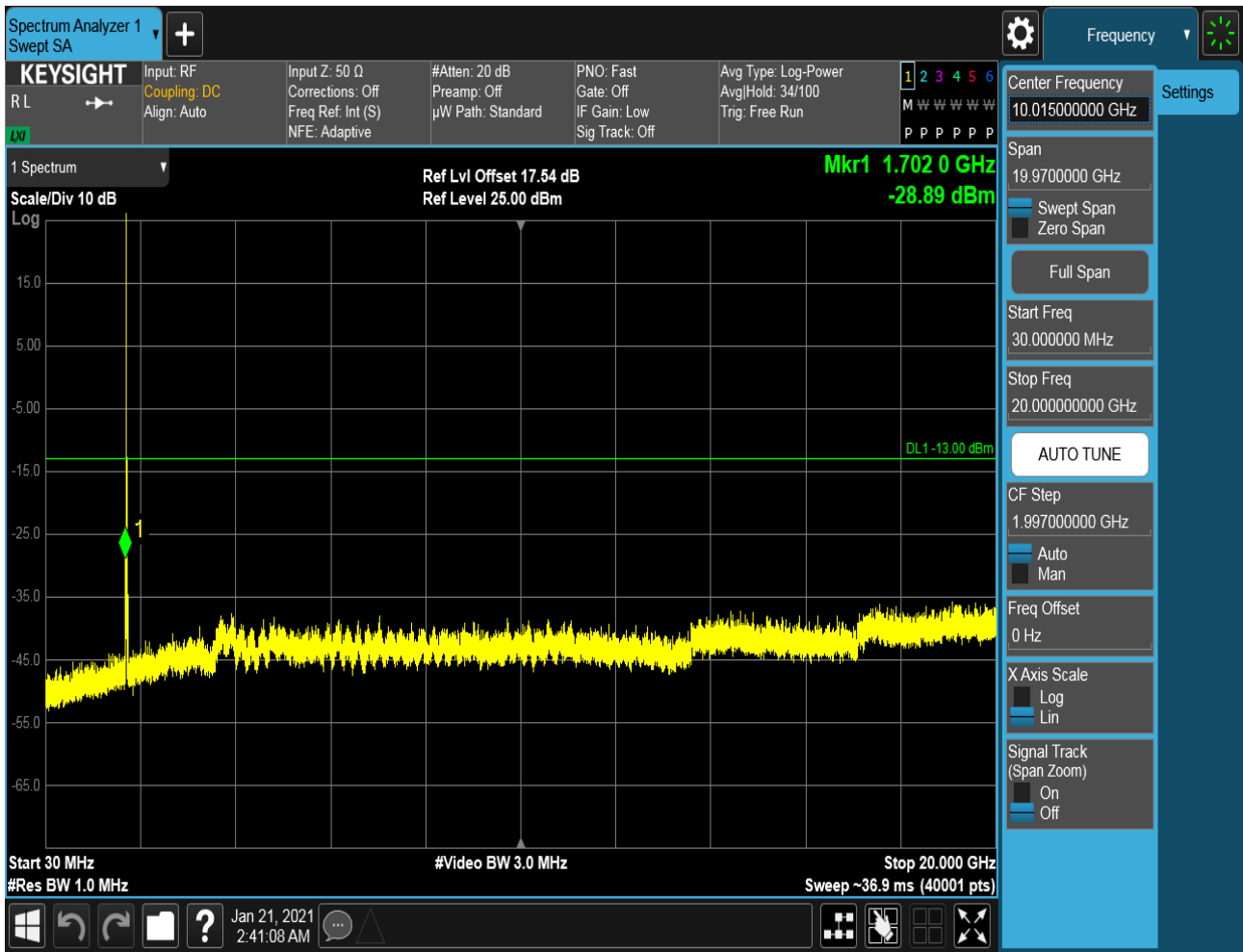
6.2.1.2.6 Test Bandwidth = 20

6.2.1.2.6.1 Test Channel = LCH

6.2.1.2.6.1.1 Test RB = RB1#0

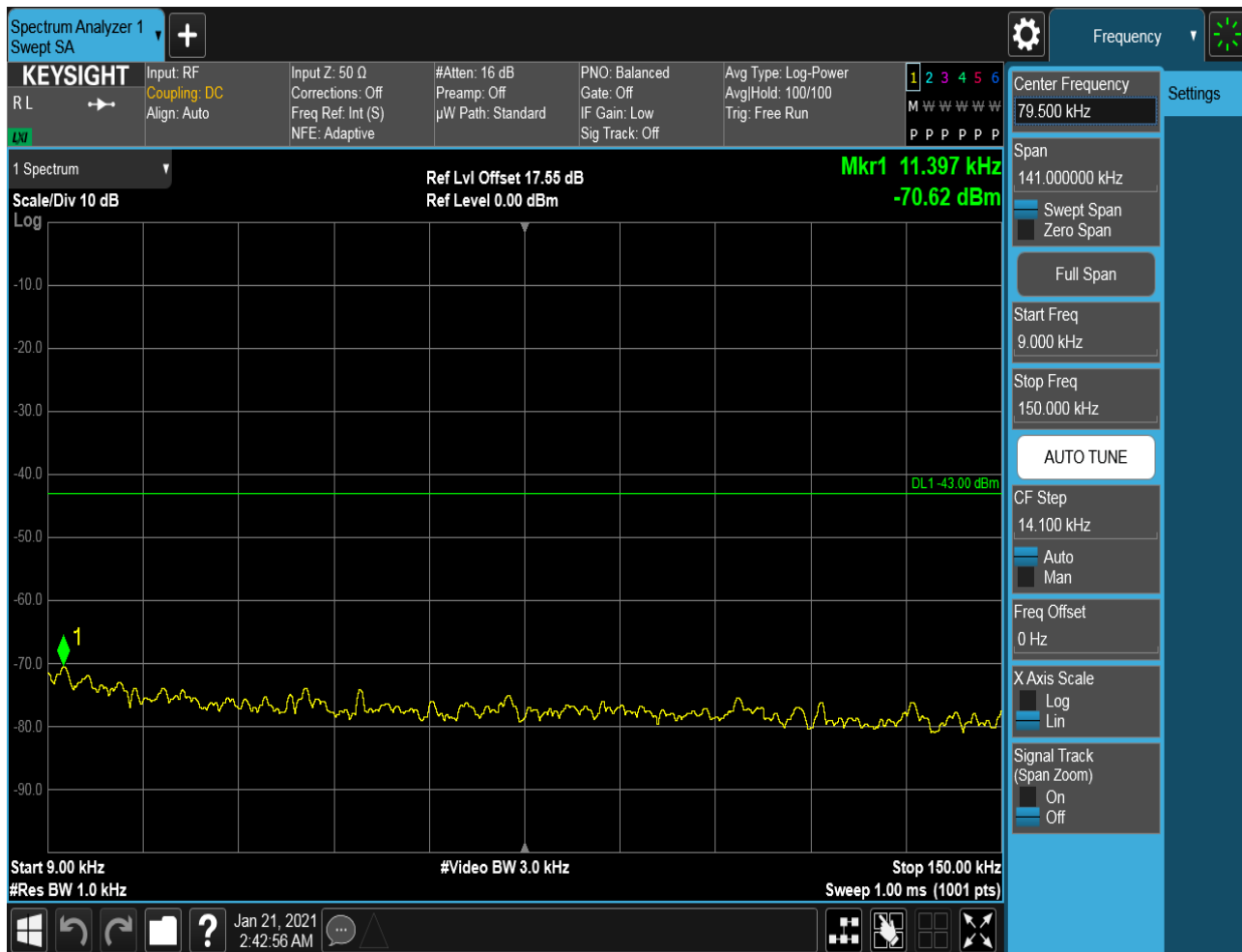


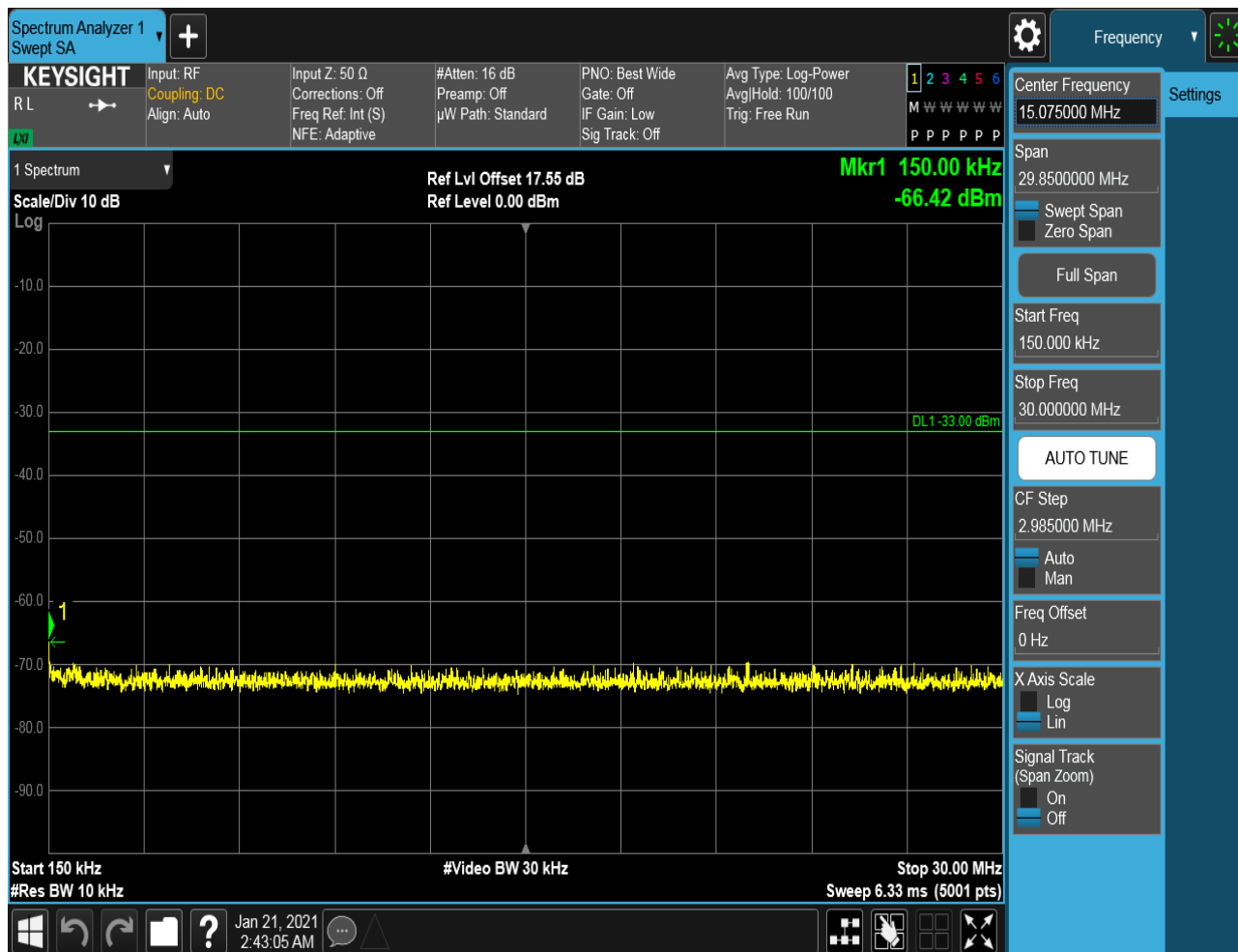


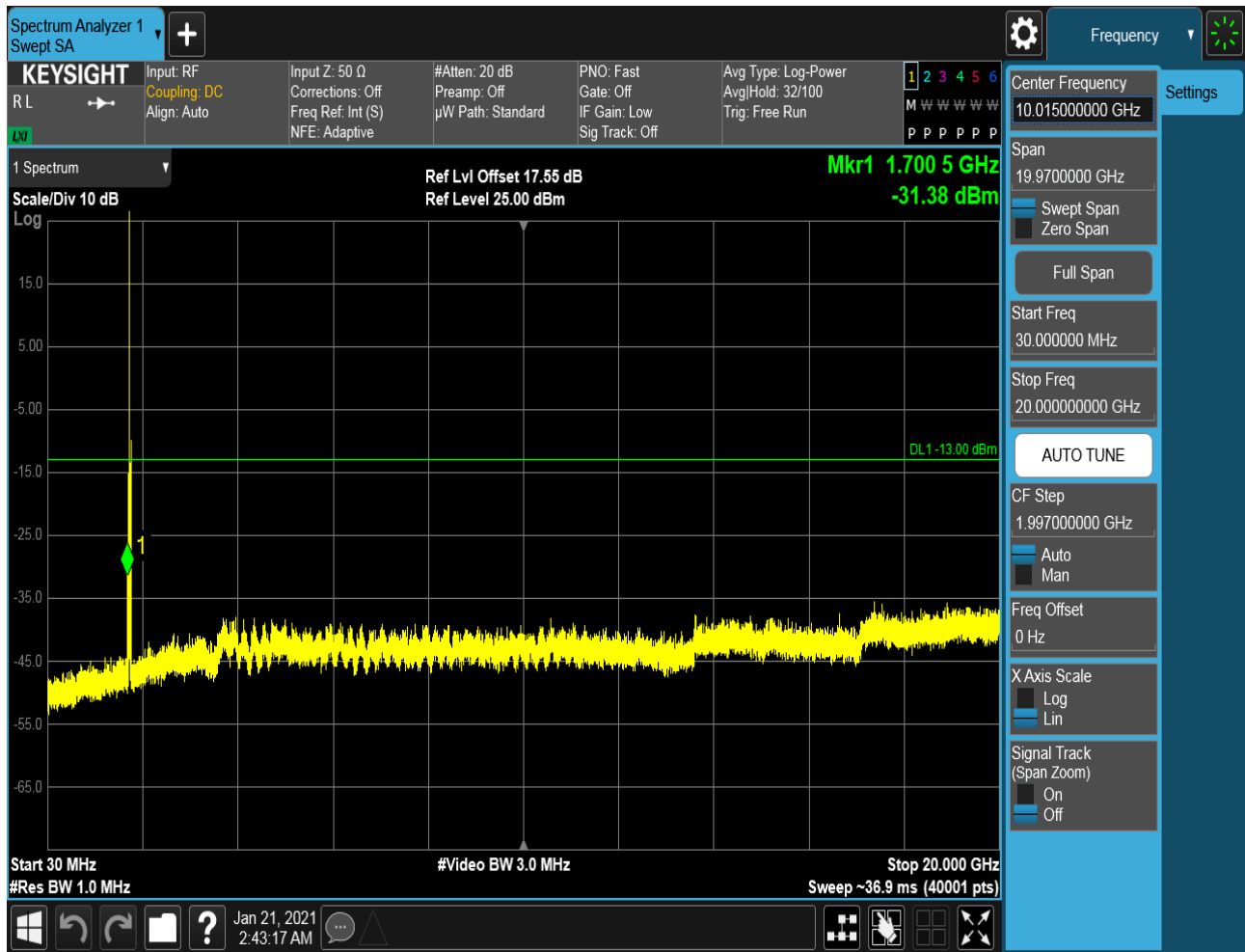


6.2.1.2.6.2 Test Channel = MCH

6.2.1.2.6.2.1 Test RB = RB1#0

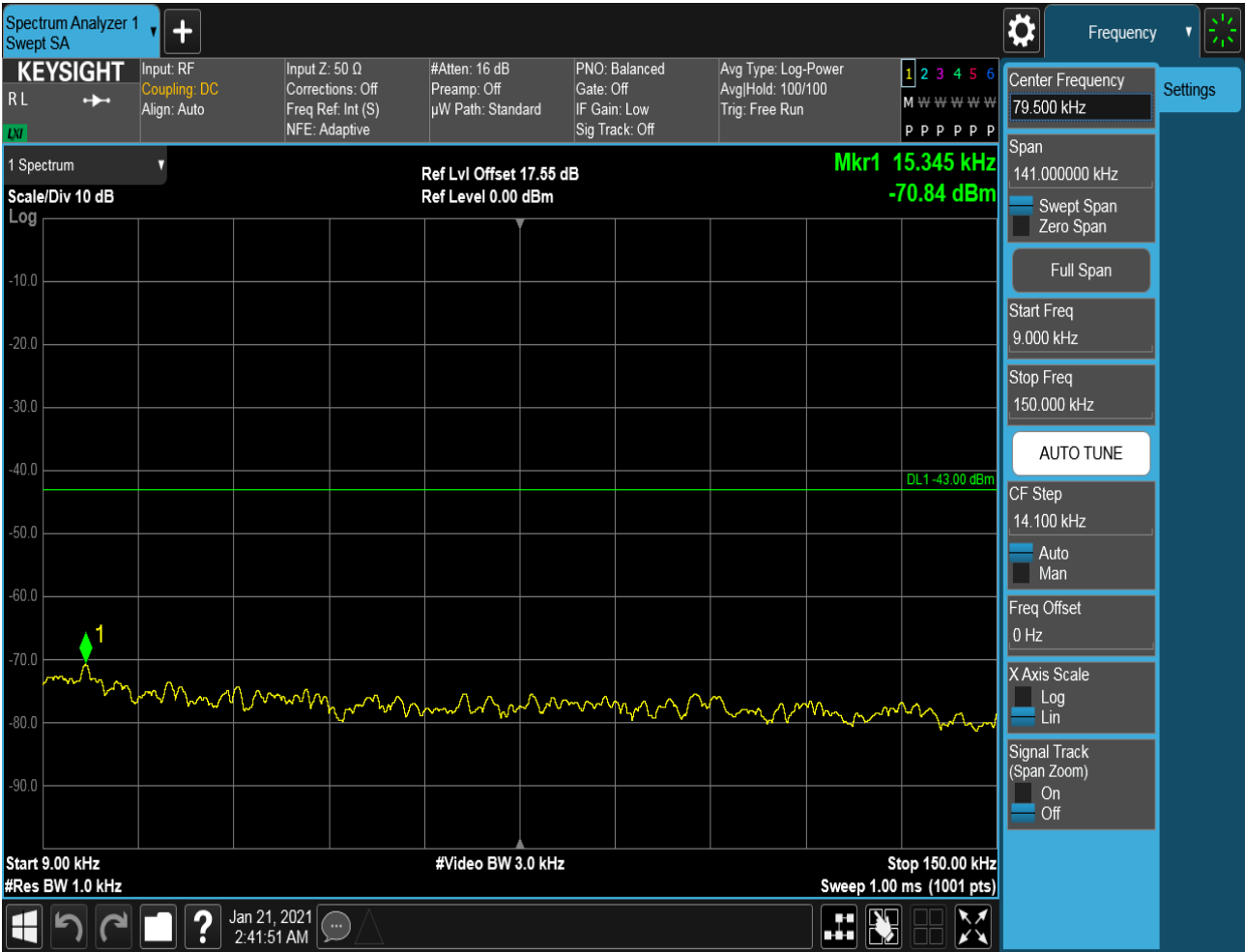


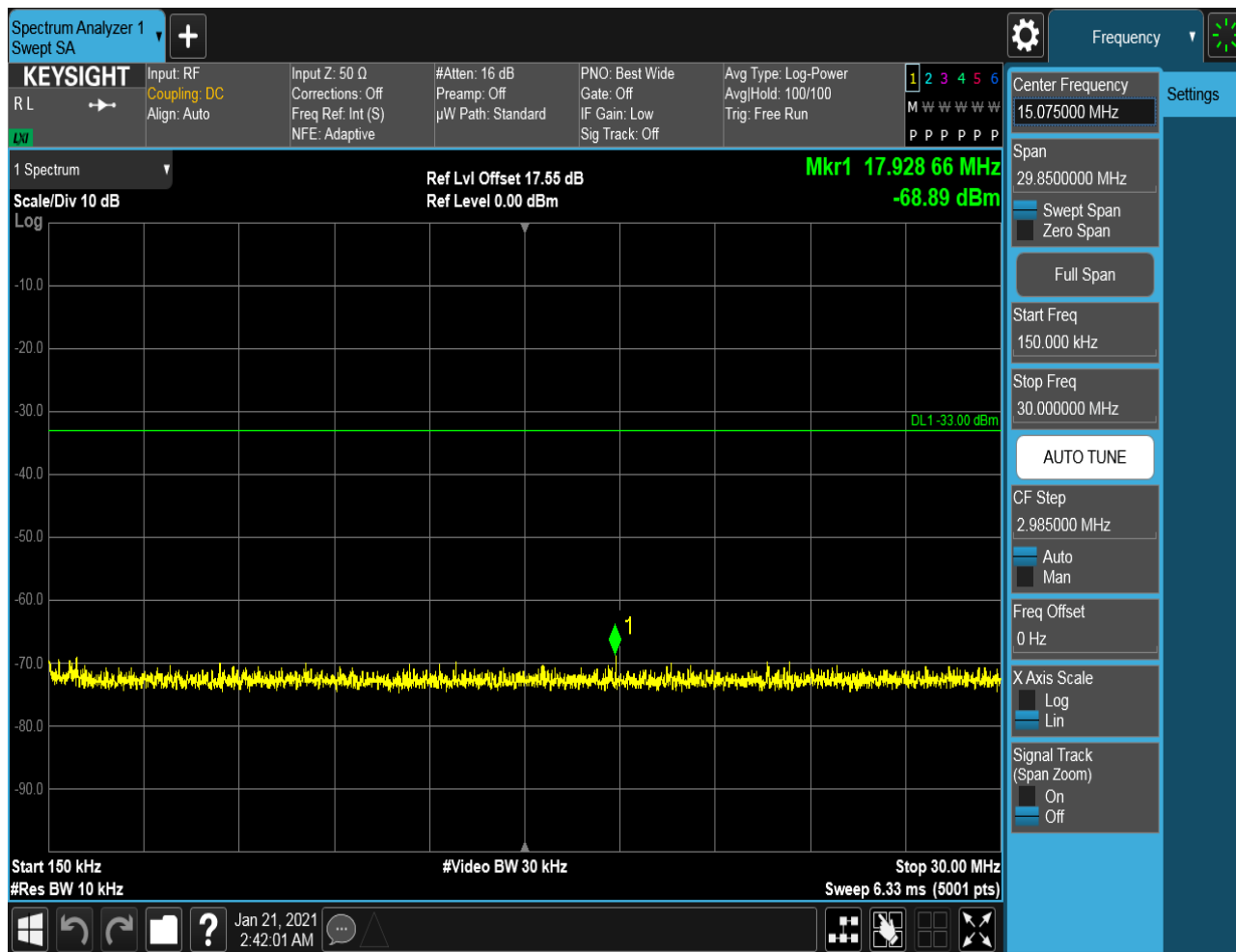


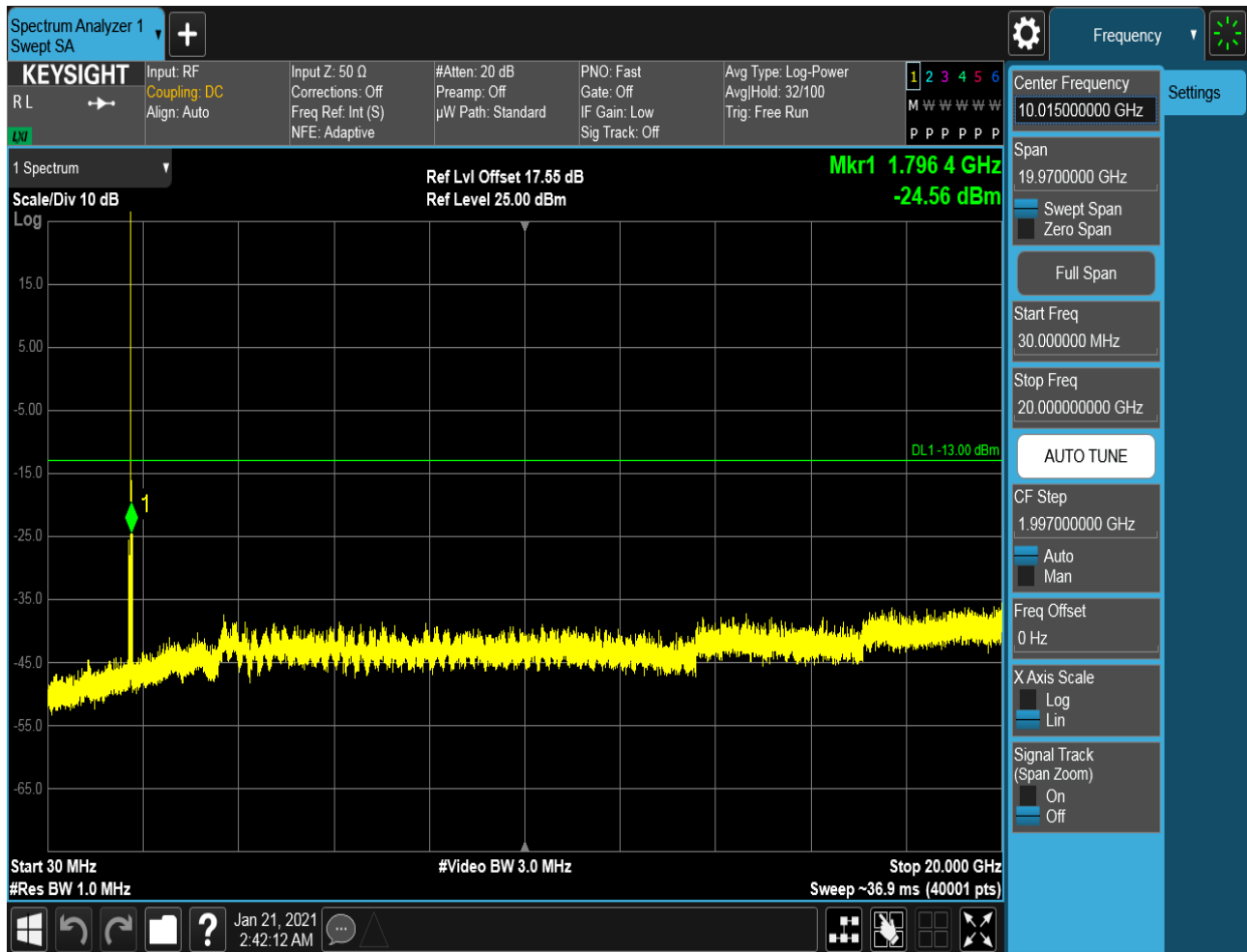


6.2.1.2.6.3 Test Channel = HCH

6.2.1.2.6.3.1 Test RB = RB1#0







7Appendix_G: Field Strength of Spurious Radiation

Note: We tested all modes & antennas, 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

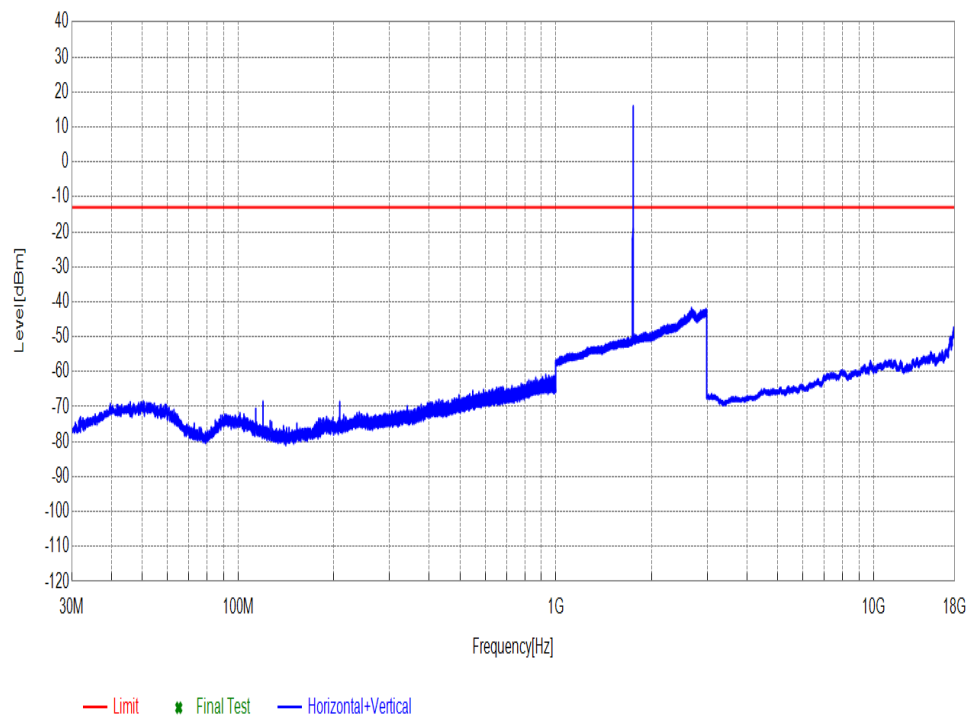
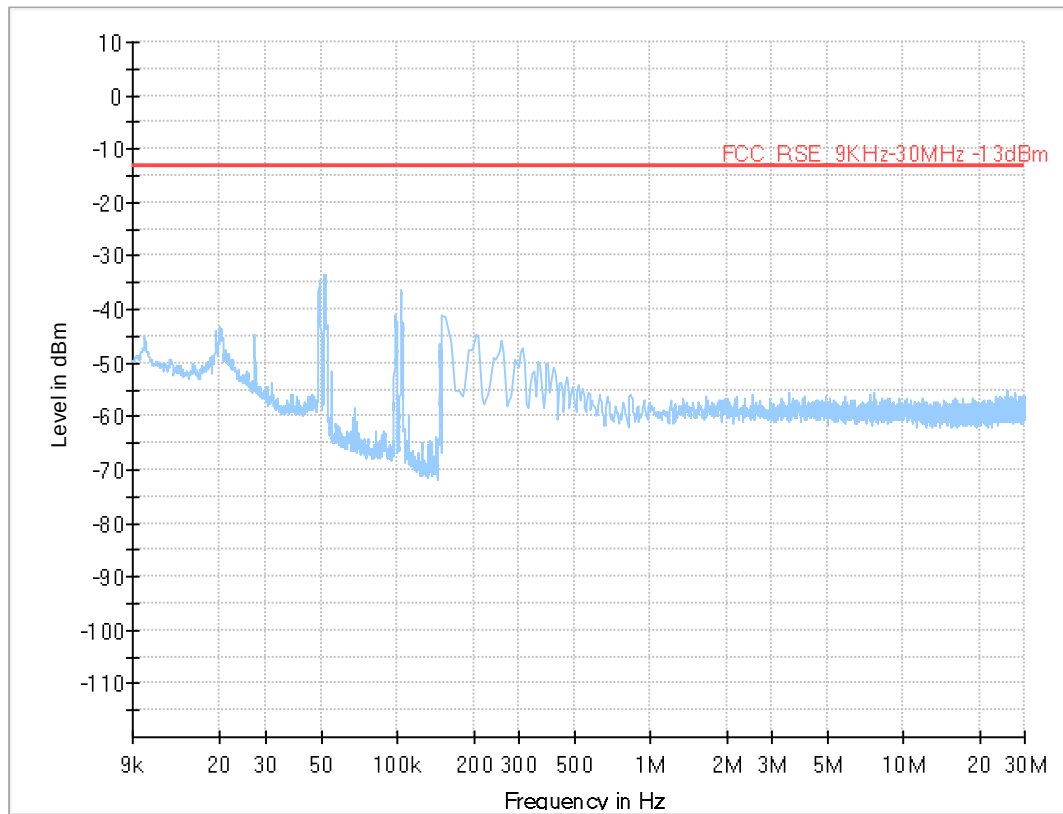
Part I - Test Plots

7.1 For LTE

7.1.1 Test Band = Band66

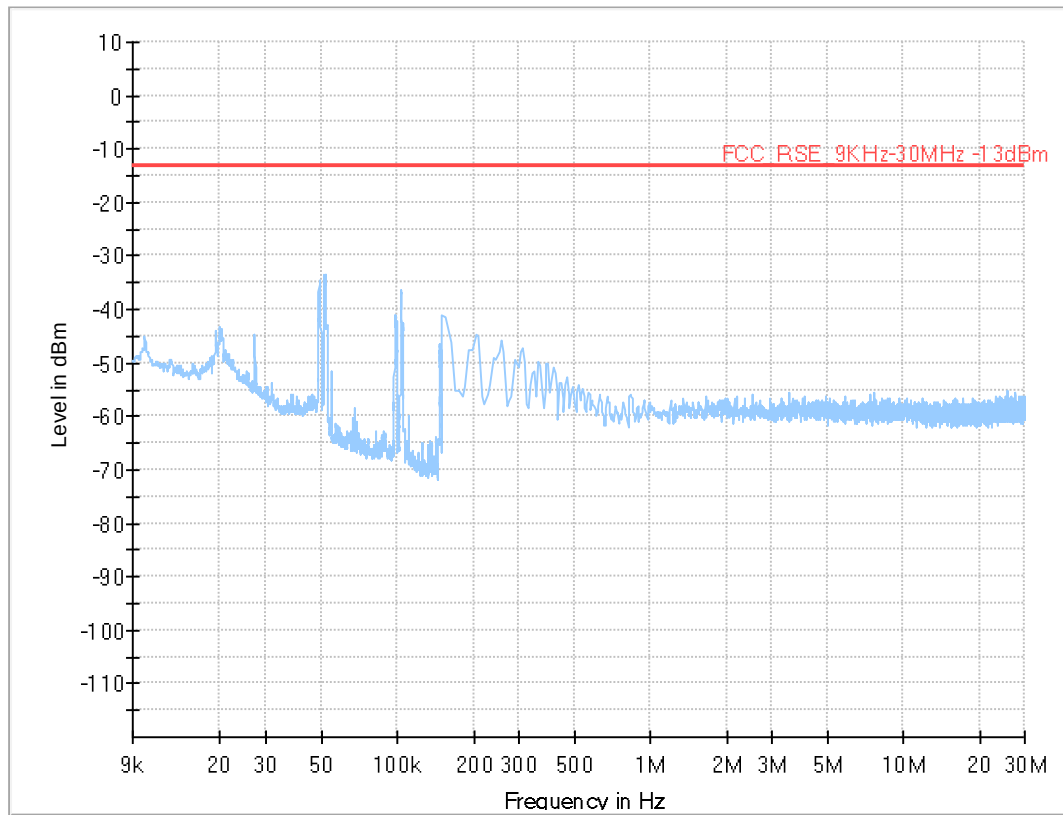
7.1.1.1 Test Bandwidth = 1.4

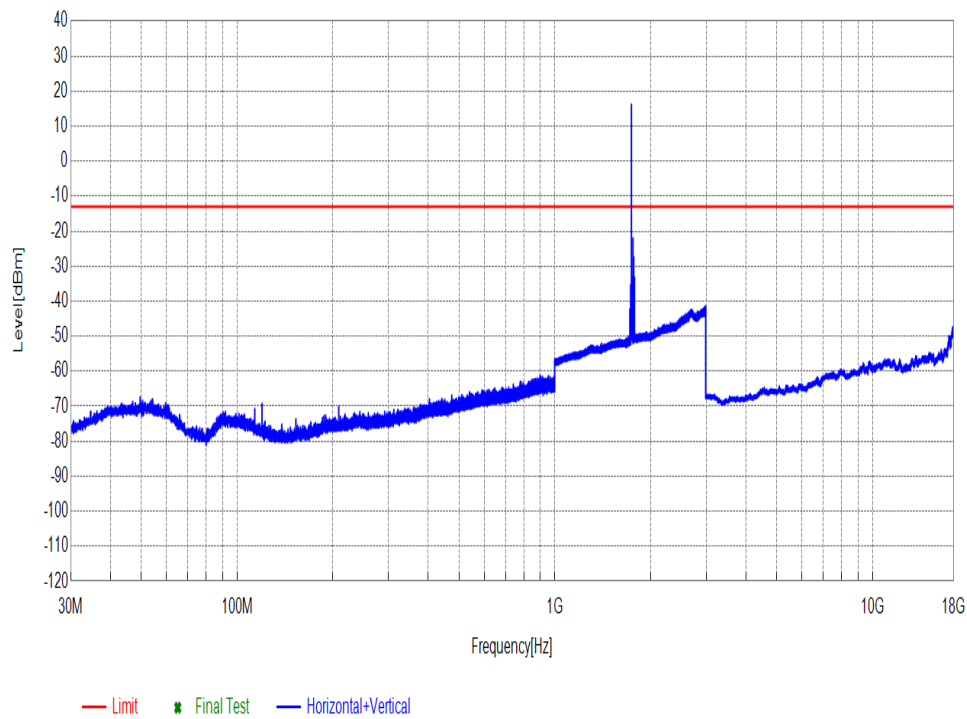
Worst case



7.1.1.2 Test Bandwidth = 20

Worst case





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
Band66	LTE/TM1	1.4	LCH	TN	VL	1.11580	0.00065	PASS
					VN	54.73137	0.03199	PASS
					VH	-4.90665	-0.00287	PASS
			MCH	TN	VL	-163.60760	-0.09376	PASS
					VN	-67.11960	-0.03846	PASS
					VH	-7.28130	-0.00417	PASS
			HCH	TN	VL	191.43100	0.10759	PASS
					VN	7.56741	0.00425	PASS
					VH	46.73481	0.02627	PASS
		3	LCH	TN	VL	5.67913	0.00332	PASS
					VN	3.06129	0.00179	PASS
					VH	0.07153	0.00004	PASS
			MCH	TN	VL	-1.60217	-0.00092	PASS
					VN	6.50883	0.00373	PASS
					VH	-12.53128	-0.00718	PASS
			HCH	TN	VL	-0.44346	-0.00025	PASS
					VN	0.44346	0.00025	PASS
					VH	5.35011	0.00301	PASS
		5	LCH	TN	VL	5.16415	0.00302	PASS
					VN	3.64780	0.00213	PASS
					VH	3.34740	0.00195	PASS
			MCH	TN	VL	2.84672	0.00163	PASS
					VN	1.35899	0.00078	PASS
					VH	-10.28538	-0.00589	PASS
			HCH	TN	VL	0.42915	0.00024	PASS
					VN	6.56605	0.00369	PASS
					VH	-1.80244	-0.00101	PASS
		10	LCH	TN	VL	-6.62327	-0.00386	PASS
					VN	1.64509	0.00096	PASS
					VH	-7.09534	-0.00414	PASS
			MCH	TN	VL	6.32286	0.00362	PASS
					VN	-3.34740	-0.00192	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	4.69208	0.00269	PASS
					VL	2.27451	0.00128	PASS
					VN	0.91553	0.00052	PASS
					VH	-5.72205	-0.00322	PASS
		15	LCH	TN	VL	-2.10285	-0.00122	PASS
					VN	0.67234	0.00039	PASS
					VH	2.93255	0.00171	PASS
			MCH	TN	VL	2.20299	0.00126	PASS
					VN	-0.05722	-0.00003	PASS
					VH	-0.35763	-0.00020	PASS
			HCH	TN	VL	4.13418	0.00233	PASS
					VN	3.31879	0.00187	PASS
					VH	3.00407	0.00169	PASS
		20	LCH	TN	VL	1.15871	0.00067	PASS
					VN	1.90258	0.00111	PASS
					VH	2.38895	0.00139	PASS
			MCH	TN	VL	-3.16143	-0.00181	PASS
					VN	-1.07288	-0.00061	PASS
					VH	-0.02861	-0.00002	PASS
			HCH	TN	VL	-0.65804	-0.00037	PASS
					VN	3.27587	0.00185	PASS
					VH	-0.05722	-0.00003	PASS
	LTE/TM2	1.4	LCH	TN	VL	16.57963	0.00969	PASS
					VN	73.97175	0.04324	PASS
					VH	-19.86980	-0.01162	PASS
			MCH	TN	VL	-100.72230	-0.05772	PASS
					VN	-135.85570	-0.07785	PASS
					VH	-112.42390	-0.06443	PASS
			HCH	TN	VL	121.16430	0.06810	PASS
					VN	16.95156	0.00953	PASS
					VH	65.51743	0.03682	PASS
		3	LCH	TN	VL	6.12259	0.00358	PASS
					VN	4.34875	0.00254	PASS
					VH	7.48158	0.00437	PASS
			MCH	TN	VL	4.64916	0.00266	PASS
					VN	1.70231	0.00098	PASS
					VH	-4.29153	-0.00246	PASS
			HCH	TN	VL	5.62191	0.00316	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	2.77519	0.00156	PASS
					VH	9.84192	0.00553	PASS
		5	LCH	TN	VL	-2.40326	-0.00140	PASS
					VN	8.44002	0.00493	PASS
					VH	-3.03268	-0.00177	PASS
			MCH	TN	VL	2.26021	0.00130	PASS
					VN	4.46320	0.00256	PASS
					VH	-6.35147	-0.00364	PASS
			HCH	TN	VL	3.61919	0.00204	PASS
					VN	2.07424	0.00117	PASS
					VH	1.38760	0.00078	PASS
		10	LCH	TN	VL	2.23160	0.00130	PASS
					VN	-2.58923	-0.00151	PASS
					VH	-6.53744	-0.00381	PASS
			MCH	TN	VL	0.14305	0.00008	PASS
					VN	-0.58651	-0.00034	PASS
					VH	-1.97411	-0.00113	PASS
			HCH	TN	VL	-8.29697	-0.00467	PASS
					VN	0.04292	0.00002	PASS
					VH	2.11716	0.00119	PASS
		15	LCH	TN	VL	2.86102	0.00167	PASS
					VN	-1.80244	-0.00105	PASS
					VH	1.75953	0.00102	PASS
			MCH	TN	VL	0.12875	0.00007	PASS
					VN	-5.17845	-0.00297	PASS
					VH	-3.60489	-0.00207	PASS
			HCH	TN	VL	0.81539	0.00046	PASS
					VN	2.08855	0.00118	PASS
					VH	3.29018	0.00186	PASS
		20	LCH	TN	VL	6.36578	0.00370	PASS
					VN	-1.51634	-0.00088	PASS
					VH	4.09126	0.00238	PASS
			MCH	TN	VL	-2.21729	-0.00127	PASS
					VN	0.84400	0.00048	PASS
					VH	-0.92983	-0.00053	PASS
			HCH	TN	VL	2.07424	0.00117	PASS
					VN	4.72069	0.00267	PASS
					VH	2.08855	0.00118	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
Band66	LTE/TM1	1.4	LCH	VN	-30	-155.52520	-0.09091	PASS
					-20	21.60072	0.01263	PASS
					-10	-274.58670	-0.16051	PASS
					0	-87.38995	-0.05108	PASS
					10	-48.98071	-0.02863	PASS
					20	54.73137	0.03199	PASS
					30	-112.89600	-0.06599	PASS
					40	-40.59792	-0.02373	PASS
					50	88.04798	0.05147	PASS
			MCH	VN	-30	-87.97646	-0.05042	PASS
					-20	-211.11490	-0.12098	PASS
					-10	-51.98479	-0.02979	PASS
					0	-106.67320	-0.06113	PASS
					10	146.77050	0.08411	PASS
					20	-67.11960	-0.03846	PASS
					30	42.44328	0.02432	PASS
					40	-27.36568	-0.01568	PASS
					50	-105.21410	-0.06029	PASS
			HCH	VN	-30	80.95264	0.04550	PASS
					-20	100.72230	0.05661	PASS
					-10	-93.51254	-0.05256	PASS
					0	-3.46184	-0.00195	PASS
					10	28.05233	0.01577	PASS
					20	7.56741	0.00425	PASS
					30	-141.04840	-0.07927	PASS
					40	98.96278	0.05562	PASS
					50	319.97680	0.17983	PASS
		3	LCH	VN	-30	0.05722	0.00003	PASS
					-20	7.10964	0.00415	PASS
					-10	8.05378	0.00471	PASS
					0	7.25269	0.00424	PASS
					10	7.32422	0.00428	PASS
					20	3.06129	0.00179	PASS
					30	-3.37601	-0.00197	PASS
					40	5.12123	0.00299	PASS
					50	3.33309	0.00195	PASS
			MCH	VN	-30	4.30584	0.00247	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	7.61032	0.00436	PASS
					-10	3.34740	0.00192	PASS
					0	4.39167	0.00252	PASS
					10	2.87533	0.00165	PASS
					20	6.50883	0.00373	PASS
					30	7.09534	0.00407	PASS
					40	6.26564	0.00359	PASS
					50	-2.13146	-0.00122	PASS
			HCH	VN	-30	0.94414	0.00053	PASS
					-20	7.03812	0.00396	PASS
					-10	7.09534	0.00399	PASS
					0	-0.21458	-0.00012	PASS
					10	0.82970	0.00047	PASS
					20	0.44346	0.00025	PASS
					30	8.52585	0.00479	PASS
					40	-4.40597	-0.00248	PASS
					50	13.44681	0.00756	PASS
		5	LCH	VN	-30	-0.20027	-0.00012	PASS
					-20	7.29561	0.00426	PASS
					-10	-0.28610	-0.00017	PASS
					0	0.28610	0.00017	PASS
					10	5.73635	0.00335	PASS
					20	3.64780	0.00213	PASS
					30	8.38280	0.00490	PASS
					40	-0.44346	-0.00026	PASS
					50	-4.20570	-0.00246	PASS
			MCH	VN	-30	5.36442	0.00307	PASS
					-20	9.78470	0.00561	PASS
					-10	3.66211	0.00210	PASS
					0	-0.25749	-0.00015	PASS
					10	2.11716	0.00121	PASS
					20	1.35899	0.00078	PASS
					30	-0.44346	-0.00025	PASS
					40	3.10421	0.00178	PASS
					50	1.17302	0.00067	PASS
			HCH	VN	-30	9.59873	0.00540	PASS
					-20	-2.30312	-0.00130	PASS
					-10	-2.68936	-0.00151	PASS
					0	3.76225	0.00212	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	3.57628	0.00201	PASS
					20	6.56605	0.00369	PASS
					30	-3.94821	-0.00222	PASS
					40	5.16415	0.00291	PASS
					50	4.33445	0.00244	PASS
		10	LCH	VN	-30	-1.53065	-0.00089	PASS
					-20	-4.10557	-0.00239	PASS
					-10	-2.86102	-0.00167	PASS
					0	-7.59602	-0.00443	PASS
					10	-5.89371	-0.00344	PASS
					20	1.64509	0.00096	PASS
					30	-5.82218	-0.00339	PASS
					40	-2.27451	-0.00133	PASS
					50	-2.28882	-0.00133	PASS
			MCH	VN	-30	-0.67234	-0.00039	PASS
					-20	-4.26292	-0.00244	PASS
					-10	-2.30312	-0.00132	PASS
					0	-2.23160	-0.00128	PASS
					10	0.38624	0.00022	PASS
					20	-3.34740	-0.00192	PASS
					30	-3.31879	-0.00190	PASS
					40	-4.69208	-0.00269	PASS
					50	-2.01702	-0.00116	PASS
			HCH	VN	-30	-1.97411	-0.00111	PASS
					-20	-4.33445	-0.00244	PASS
					-10	10.42843	0.00588	PASS
					0	-3.94821	-0.00222	PASS
					10	4.33445	0.00244	PASS
					20	0.91553	0.00052	PASS
					30	3.46184	0.00195	PASS
					40	-4.06265	-0.00229	PASS
					50	0.10014	0.00006	PASS
		15	LCH	VN	-30	3.81947	0.00222	PASS
					-20	0.01431	0.00001	PASS
					-10	2.11716	0.00123	PASS
					0	3.07560	0.00179	PASS
					10	1.37329	0.00080	PASS
					20	0.67234	0.00039	PASS
					30	0.32902	0.00019	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	4.90665	0.00286	PASS
					50	-0.78678	-0.00046	PASS
			MCH	VN	-30	2.63214	0.00151	PASS
					-20	-1.47343	-0.00084	PASS
					-10	0.42915	0.00025	PASS
					0	-6.00815	-0.00344	PASS
					10	0.75817	0.00043	PASS
					20	-0.05722	-0.00003	PASS
					30	0.35763	0.00020	PASS
					40	0.18597	0.00011	PASS
					50	-0.08583	-0.00005	PASS
			HCH	VN	-30	2.08855	0.00118	PASS
					-20	4.69208	0.00265	PASS
					-10	-0.92983	-0.00052	PASS
					0	0.75817	0.00043	PASS
					10	3.53336	0.00199	PASS
					20	3.31879	0.00187	PASS
					30	2.28882	0.00129	PASS
					40	3.16143	0.00178	PASS
					50	2.34604	0.00132	PASS
		20	LCH	VN	-30	2.20299	0.00128	PASS
					-20	3.71933	0.00216	PASS
					-10	0.30041	0.00017	PASS
					0	-1.94550	-0.00113	PASS
					10	1.15871	0.00067	PASS
					20	1.90258	0.00111	PASS
					30	4.01974	0.00234	PASS
					40	5.39303	0.00314	PASS
					50	-0.50068	-0.00029	PASS
			MCH	VN	-30	0.74387	0.00043	PASS
					-20	1.44482	0.00083	PASS
					-10	-4.73499	-0.00271	PASS
					0	-2.13146	-0.00122	PASS
					10	-0.77248	-0.00044	PASS
					20	-1.07288	-0.00061	PASS
					30	-3.14712	-0.00180	PASS
					40	-4.74930	-0.00272	PASS
					50	-0.35763	-0.00020	PASS
			HCH	VN	-30	5.52177	0.00312	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	1.27316	0.00072	PASS
					-10	-0.74387	-0.00042	PASS
					0	-0.60081	-0.00034	PASS
					10	0.34332	0.00019	PASS
					20	3.27587	0.00185	PASS
					30	-0.84400	-0.00048	PASS
					40	3.56197	0.00201	PASS
					50	0.91553	0.00052	PASS
	LTE/TM2	1.4	LCH	VN	-30	-15.96451	-0.00933	PASS
					-20	77.44789	0.04527	PASS
					-10	-90.13653	-0.05269	PASS
					0	-199.99980	-0.11691	PASS
					10	-7.91073	-0.00462	PASS
					20	73.97175	0.04324	PASS
					30	-51.39828	-0.03005	PASS
					40	-204.82060	-0.11973	PASS
					50	-0.88692	-0.00052	PASS
			MCH	VN	-30	-81.68221	-0.04681	PASS
					-20	9.57012	0.00548	PASS
					-10	15.24925	0.00874	PASS
					0	-63.77220	-0.03655	PASS
					10	5.52177	0.00316	PASS
					20	-135.85570	-0.07785	PASS
					30	-186.52440	-0.10689	PASS
					40	-94.51389	-0.05416	PASS
					50	-23.60344	-0.01353	PASS
			HCH	VN	-30	19.69814	0.01107	PASS
					-20	108.64730	0.06106	PASS
					-10	236.03440	0.13266	PASS
					0	61.65504	0.03465	PASS
					10	127.22970	0.07151	PASS
					20	16.95156	0.00953	PASS
					30	-138.18740	-0.07766	PASS
					40	-116.91570	-0.06571	PASS
					50	88.17673	0.04956	PASS
		3	LCH	VN	-30	11.00063	0.00643	PASS
					-20	7.28130	0.00425	PASS
					-10	-6.99520	-0.00409	PASS
					0	4.01974	0.00235	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	5.77927	0.00338	PASS
					20	4.34875	0.00254	PASS
					30	5.32150	0.00311	PASS
					40	9.69887	0.00567	PASS
					50	17.00878	0.00994	PASS
			MCH	VN	-30	3.66211	0.00210	PASS
					-20	3.26157	0.00187	PASS
					-10	3.00407	0.00172	PASS
					0	1.70231	0.00098	PASS
					10	6.59466	0.00378	PASS
					20	1.70231	0.00098	PASS
					30	7.59602	0.00435	PASS
					40	8.62598	0.00494	PASS
					50	-2.60353	-0.00149	PASS
			HCH	VN	-30	3.26157	0.00183	PASS
					-20	10.34260	0.00582	PASS
					-10	7.79629	0.00438	PASS
					0	1.58787	0.00089	PASS
					10	9.46999	0.00532	PASS
					20	2.77519	0.00156	PASS
					30	5.53608	0.00311	PASS
					40	5.20706	0.00293	PASS
					50	2.07424	0.00117	PASS
		5	LCH	VN	-30	-4.43459	-0.00259	PASS
					-20	10.04219	0.00586	PASS
					-10	0.05722	0.00003	PASS
					0	0.78678	0.00046	PASS
					10	3.84808	0.00225	PASS
					20	8.44002	0.00493	PASS
					30	1.57356	0.00092	PASS
					40	5.85079	0.00342	PASS
					50	7.46727	0.00436	PASS
			MCH	VN	-30	-0.68665	-0.00039	PASS
					-20	0.70095	0.00040	PASS
					-10	3.89099	0.00223	PASS
					0	1.01566	0.00058	PASS
					10	-2.40326	-0.00138	PASS
					20	4.46320	0.00256	PASS
					30	1.87397	0.00107	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	1.57356	0.00090	PASS
					50	9.06944	0.00520	PASS
			HCH	VN	-30	4.67777	0.00263	PASS
					-20	-0.55790	-0.00031	PASS
					-10	-0.38624	-0.00022	PASS
					0	4.60625	0.00259	PASS
					10	14.24789	0.00802	PASS
					20	2.07424	0.00117	PASS
					30	4.89235	0.00275	PASS
					40	7.36713	0.00414	PASS
					50	8.94070	0.00503	PASS
		10	LCH	VN	-30	1.43051	0.00083	PASS
					-20	-6.79493	-0.00396	PASS
					-10	-7.39574	-0.00431	PASS
					0	1.17302	0.00068	PASS
					10	-2.17438	-0.00127	PASS
					20	-2.58923	-0.00151	PASS
					30	2.77519	0.00162	PASS
					40	-0.47207	-0.00028	PASS
					50	-5.49316	-0.00320	PASS
			MCH	VN	-30	-3.29018	-0.00189	PASS
					-20	-5.06401	-0.00290	PASS
					-10	4.93527	0.00283	PASS
					0	0.18597	0.00011	PASS
					10	-1.58787	-0.00091	PASS
					20	-0.58651	-0.00034	PASS
					30	-1.75953	-0.00101	PASS
					40	-0.05722	-0.00003	PASS
					50	-8.09670	-0.00464	PASS
			HCH	VN	-30	0.18597	0.00010	PASS
					-20	-2.04563	-0.00115	PASS
					-10	0.77248	0.00044	PASS
					0	2.11716	0.00119	PASS
					10	-1.10149	-0.00062	PASS
					20	0.04292	0.00002	PASS
					30	-2.48909	-0.00140	PASS
					40	2.00272	0.00113	PASS
					50	0.02861	0.00002	PASS
		15	LCH	VN	-30	-0.14305	-0.00008	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		20			-20	3.23296	0.00188	PASS
					-10	4.32015	0.00252	PASS
					0	-1.63078	-0.00095	PASS
					10	-3.17573	-0.00185	PASS
					20	-1.80244	-0.00105	PASS
					30	-1.57356	-0.00092	PASS
					40	-0.31471	-0.00018	PASS
					50	4.11987	0.00240	PASS
			MCH	VN	-30	-4.84943	-0.00278	PASS
					-20	-0.37193	-0.00021	PASS
					-10	-2.50339	-0.00143	PASS
					0	-4.52042	-0.00259	PASS
					10	1.50204	0.00086	PASS
					20	-5.17845	-0.00297	PASS
					30	-0.57220	-0.00033	PASS
					40	0.25749	0.00015	PASS
					50	-3.07560	-0.00176	PASS
			HCH	VN	-30	3.54767	0.00200	PASS
					-20	3.61919	0.00204	PASS
					-10	8.92639	0.00504	PASS
					0	-2.10285	-0.00119	PASS
					10	-3.20435	-0.00181	PASS
					20	2.08855	0.00118	PASS
					30	2.31743	0.00131	PASS
					40	0.81539	0.00046	PASS
					50	-0.15736	-0.00009	PASS
			LCH	VN	-30	0.11444	0.00007	PASS
					-20	3.11851	0.00181	PASS
					-10	5.86510	0.00341	PASS
					0	3.80516	0.00221	PASS
					10	1.41621	0.00082	PASS
					20	-1.51634	-0.00088	PASS
					30	3.61919	0.00210	PASS
					40	-1.67370	-0.00097	PASS
					50	3.17573	0.00185	PASS
			MCH	VN	-30	-0.65804	-0.00038	PASS
					-20	-3.21865	-0.00184	PASS
					-10	-0.15736	-0.00009	PASS
					0	-2.86102	-0.00164	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-2.71797	-0.00156	PASS
					20	0.84400	0.00048	PASS
					30	-0.60081	-0.00034	PASS
					40	0.40054	0.00023	PASS
					50	-1.17302	-0.00067	PASS
			HCH	VN	-30	0.94414	0.00053	PASS
					-20	1.54495	0.00087	PASS
					-10	4.73499	0.00268	PASS
					0	0.17166	0.00010	PASS
					10	2.50339	0.00141	PASS
					20	4.72069	0.00267	PASS
					30	0.82970	0.00047	PASS
					40	-1.18732	-0.00067	PASS
					50	3.60489	0.00204	PASS

END