



6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0







6.2.1.2 Test Mode = LTE/TM2

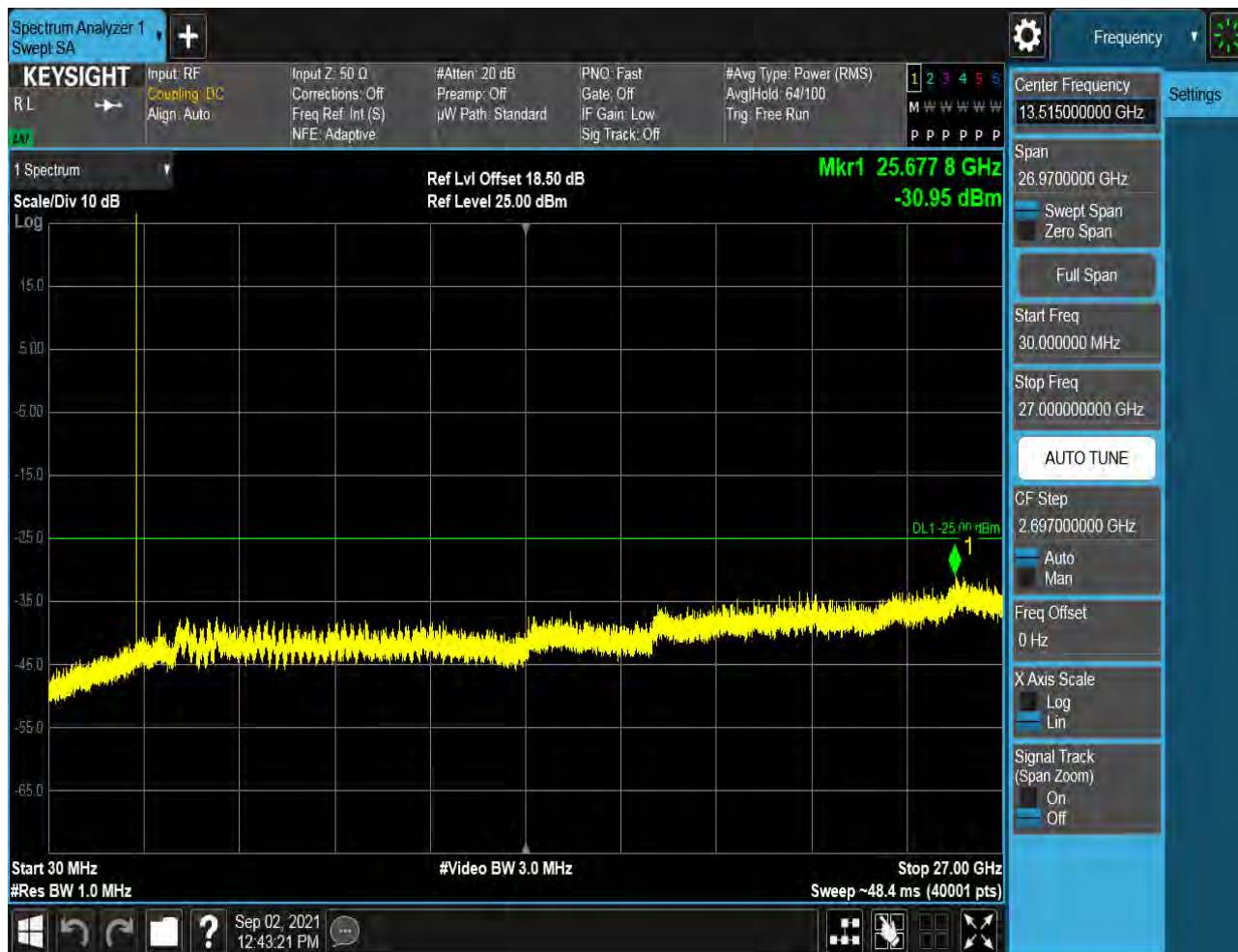
6.2.1.2.1 Test Bandwidth = 5

6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 Test RB = RB1#0



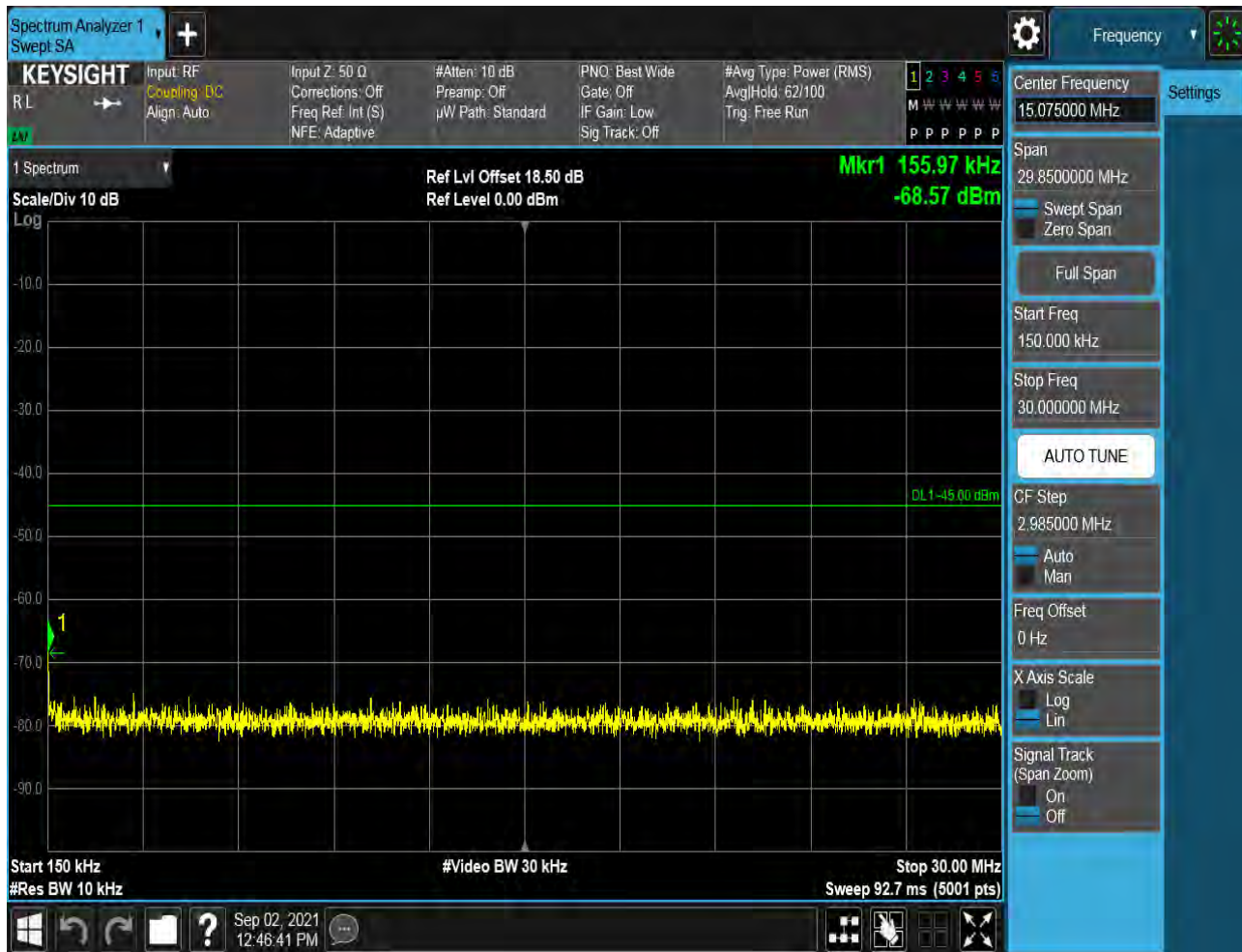


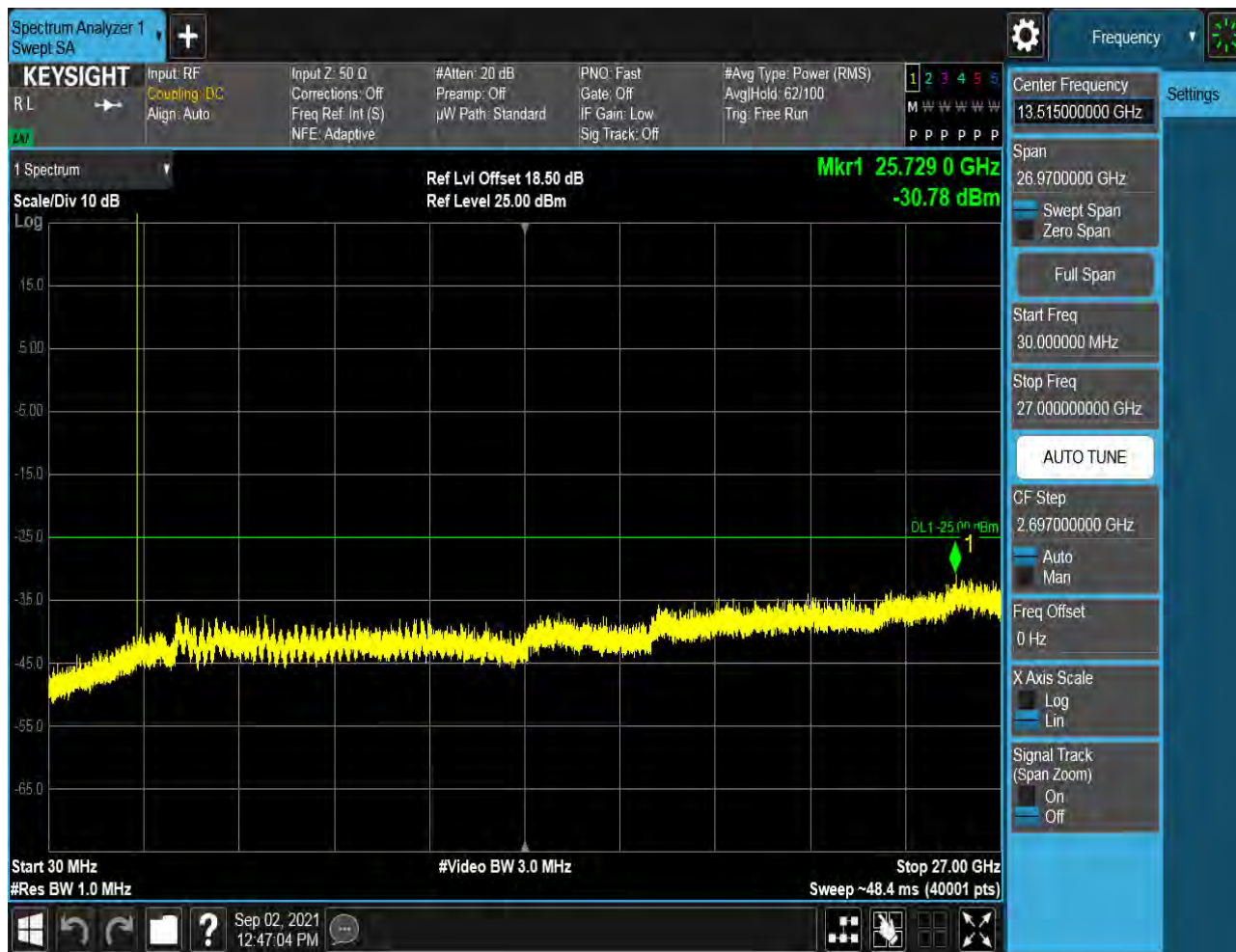


6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0







6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0



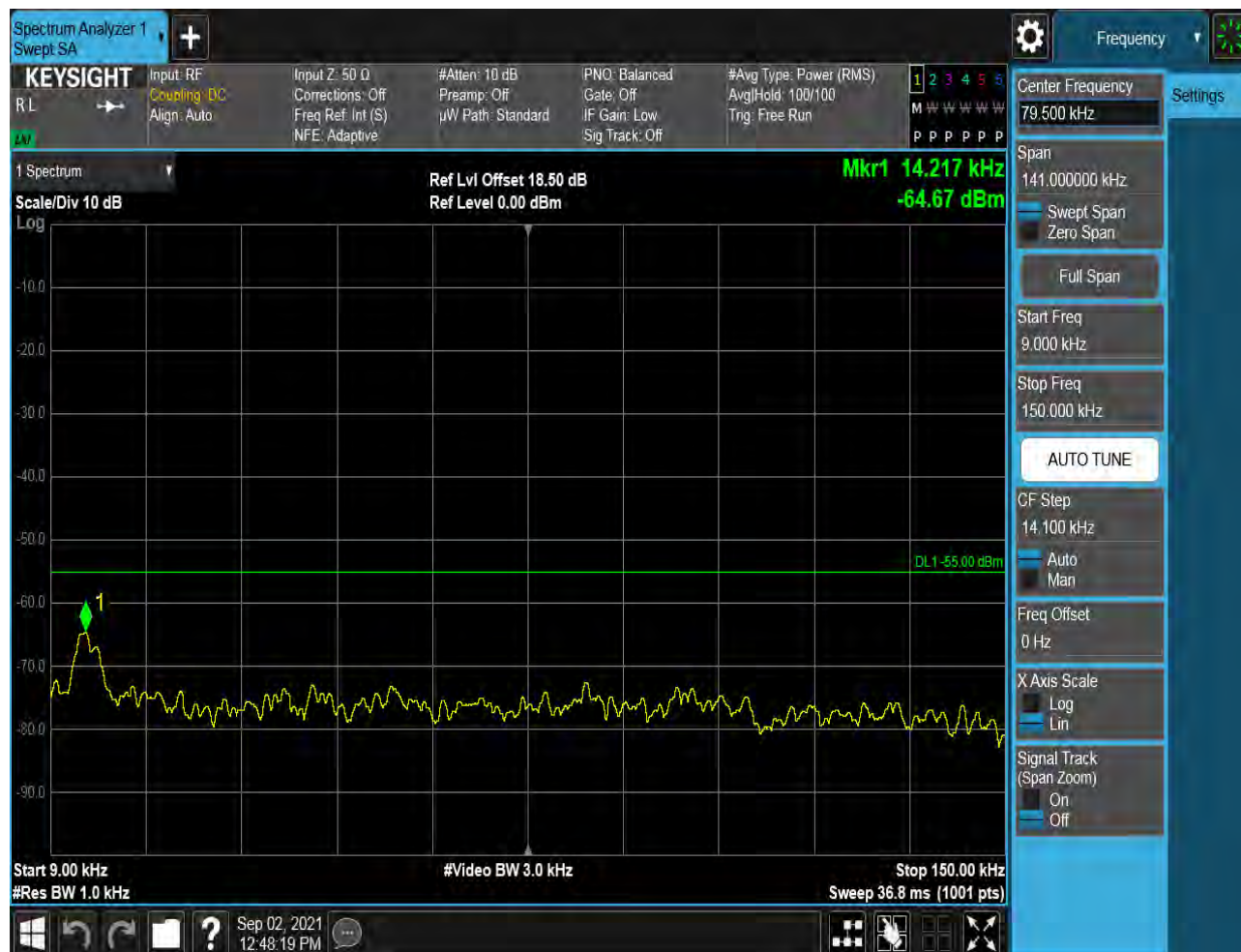




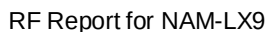
6.2.1.2.2 Test Bandwidth = 10

6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0



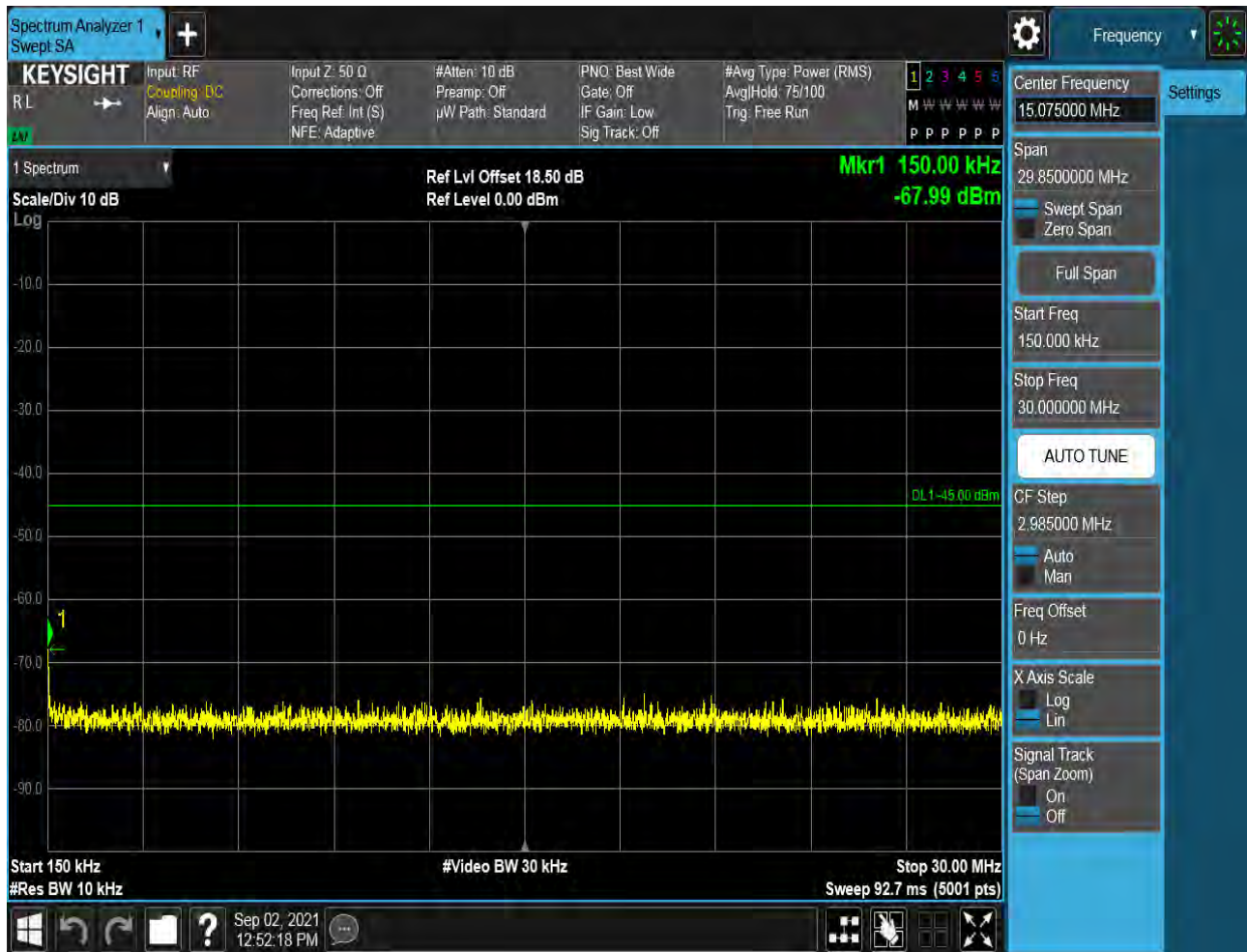




6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.2.1 Test RB = RB1#0







6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0



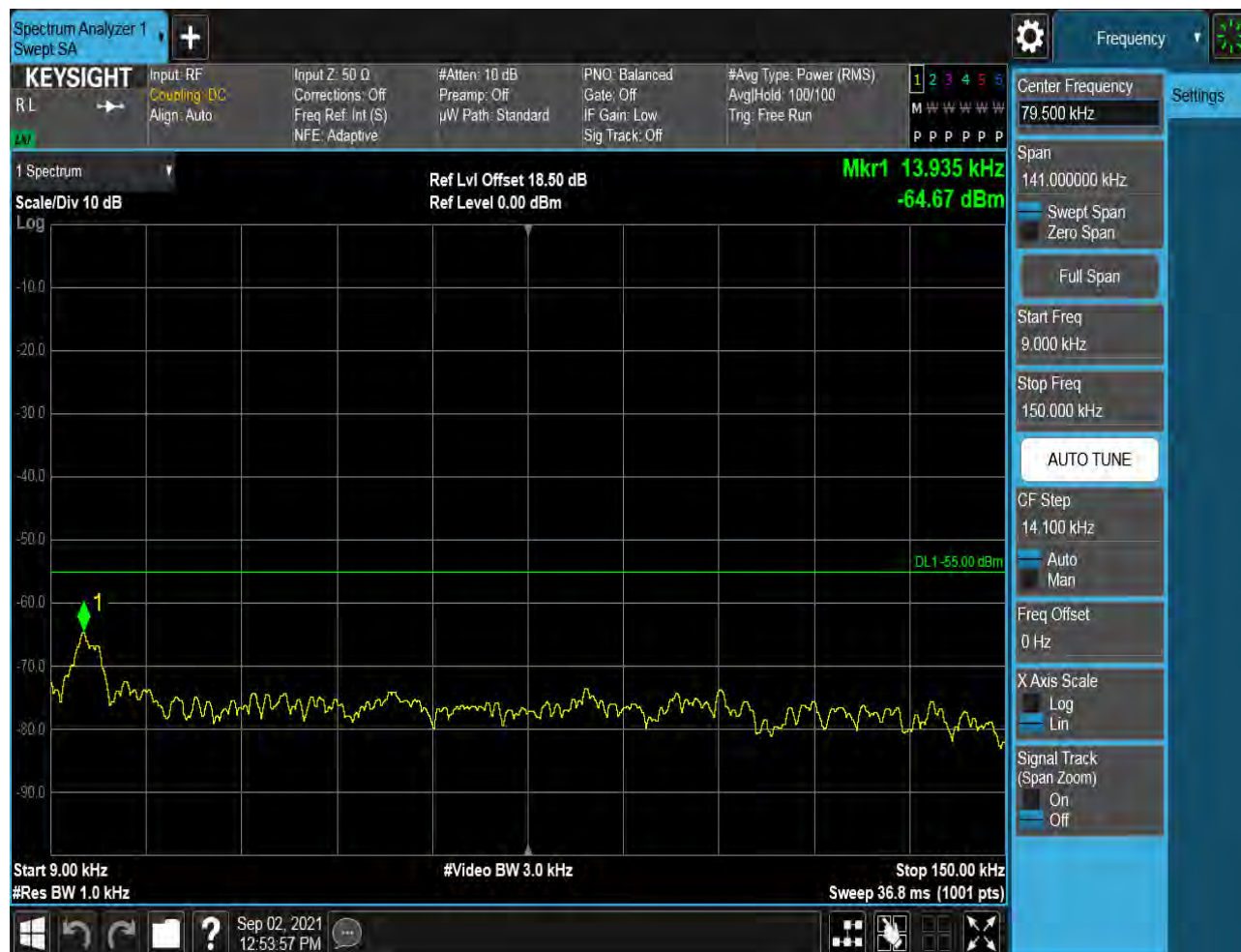




6.2.1.2.3 Test Bandwidth = 15

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0

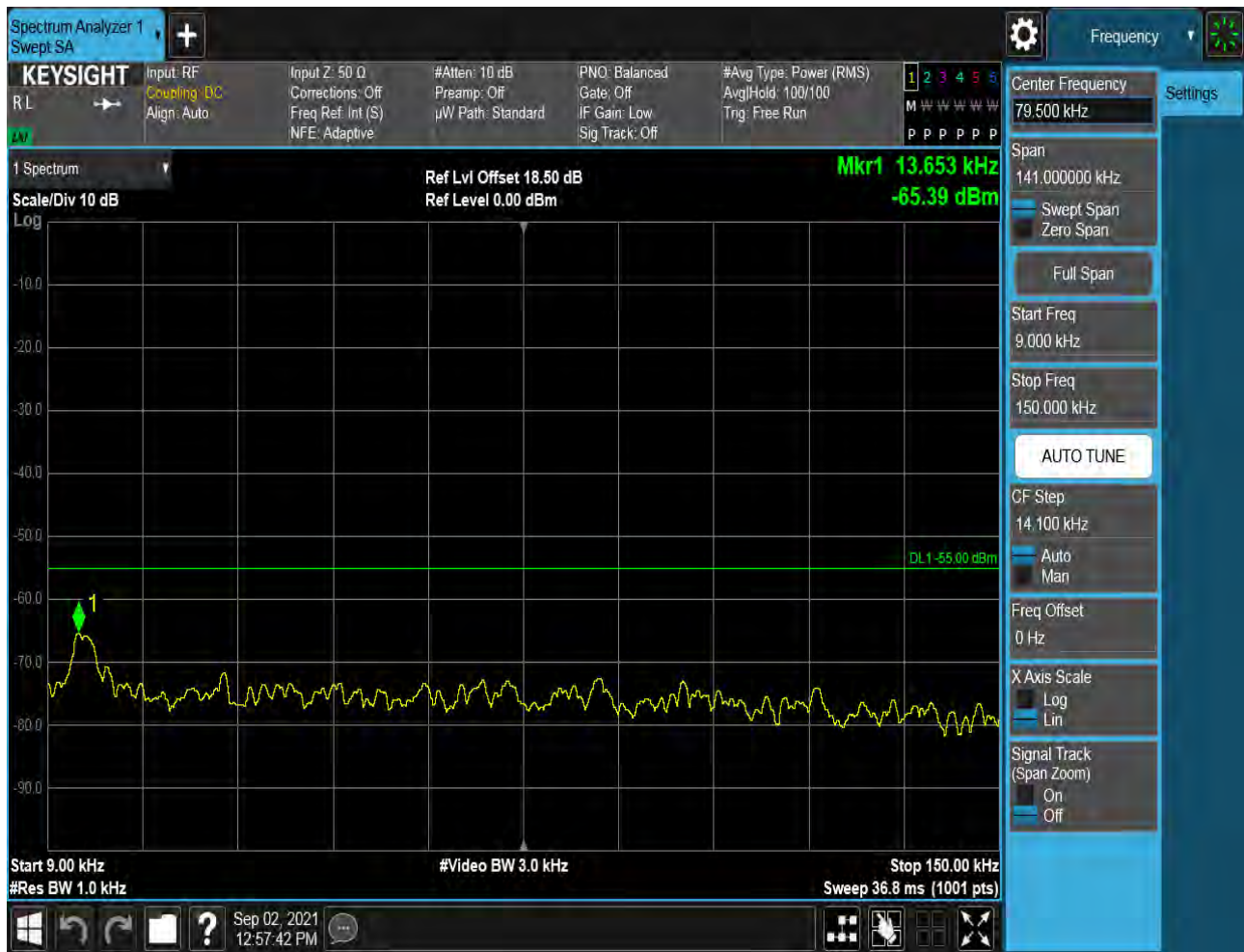


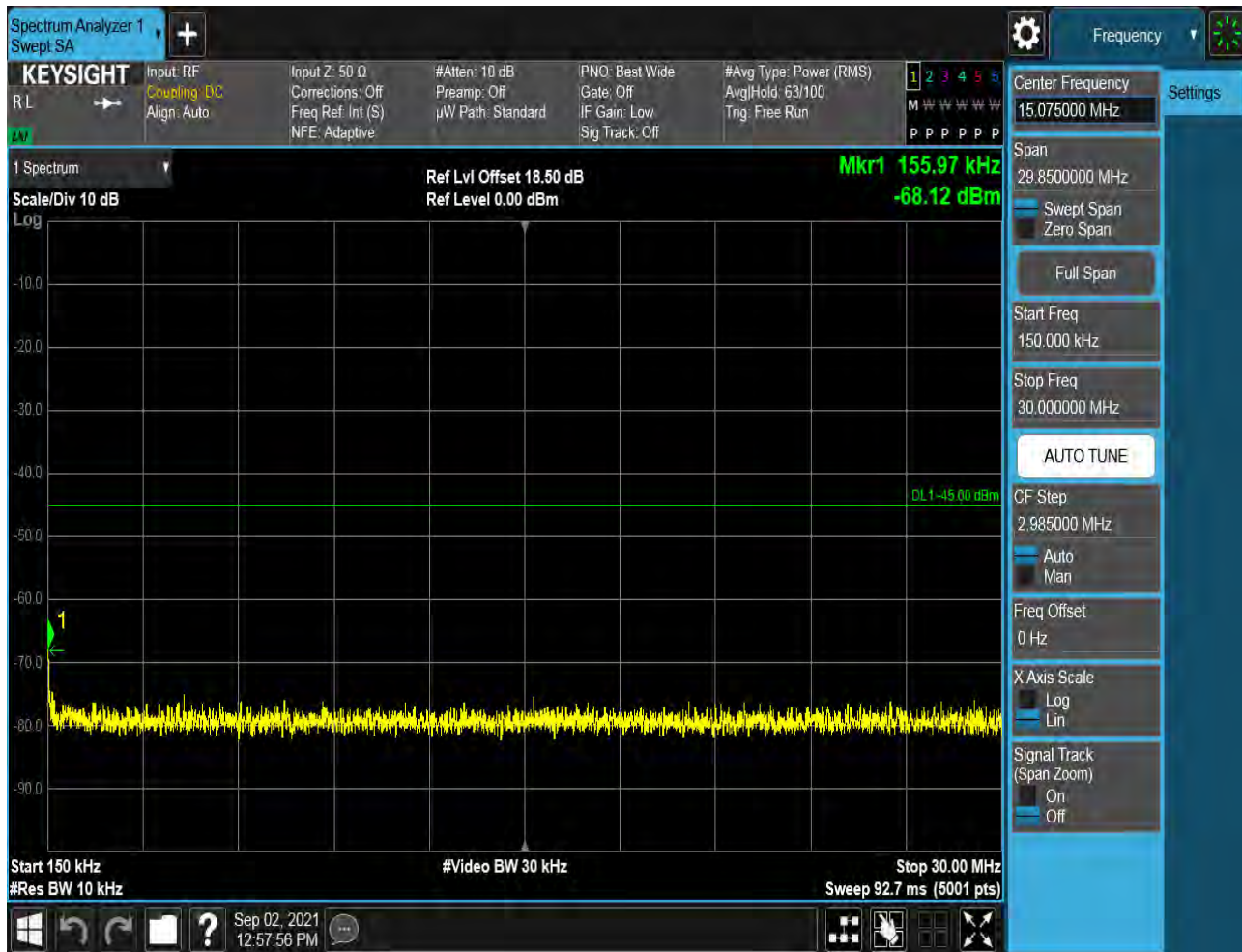


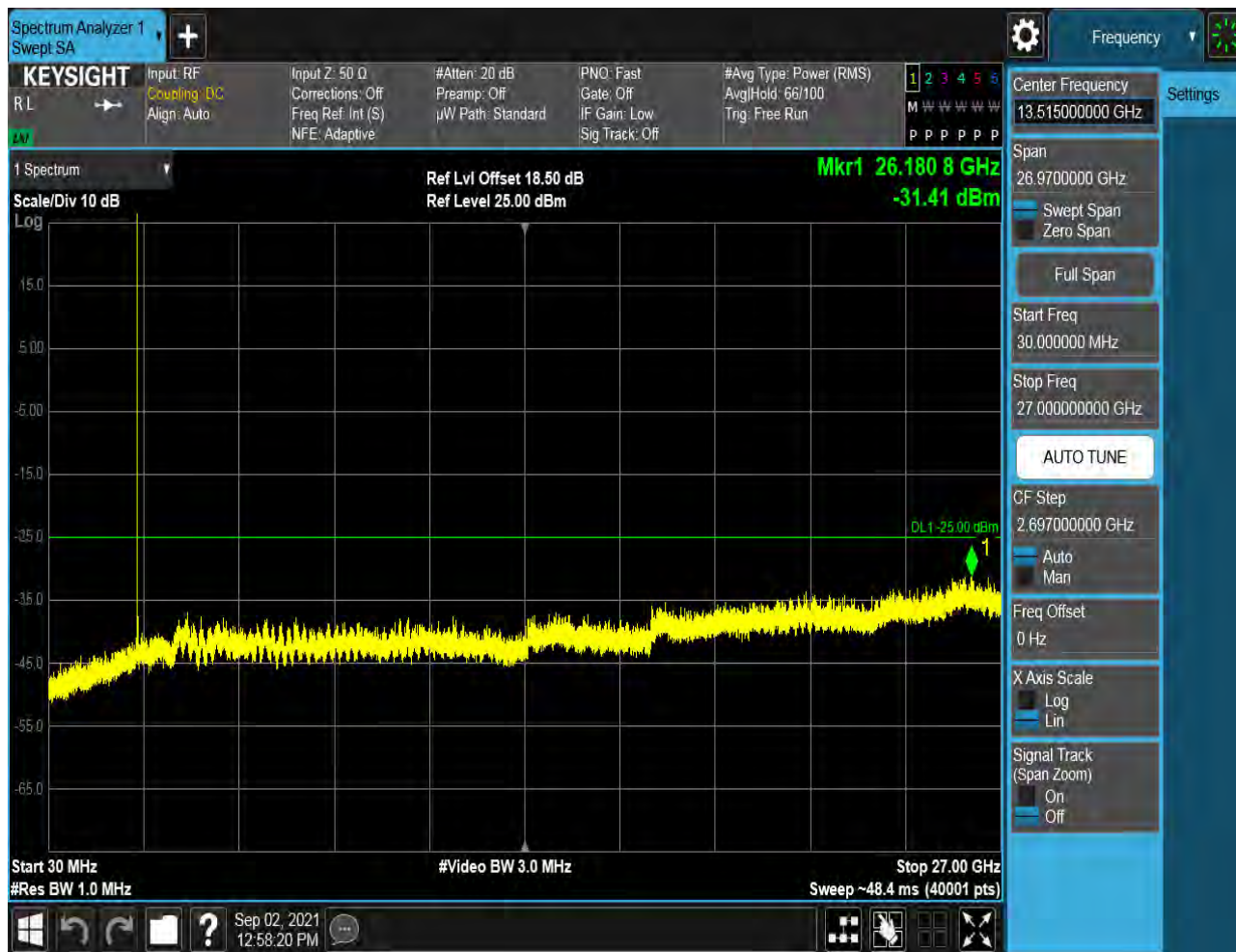


6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0







6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0







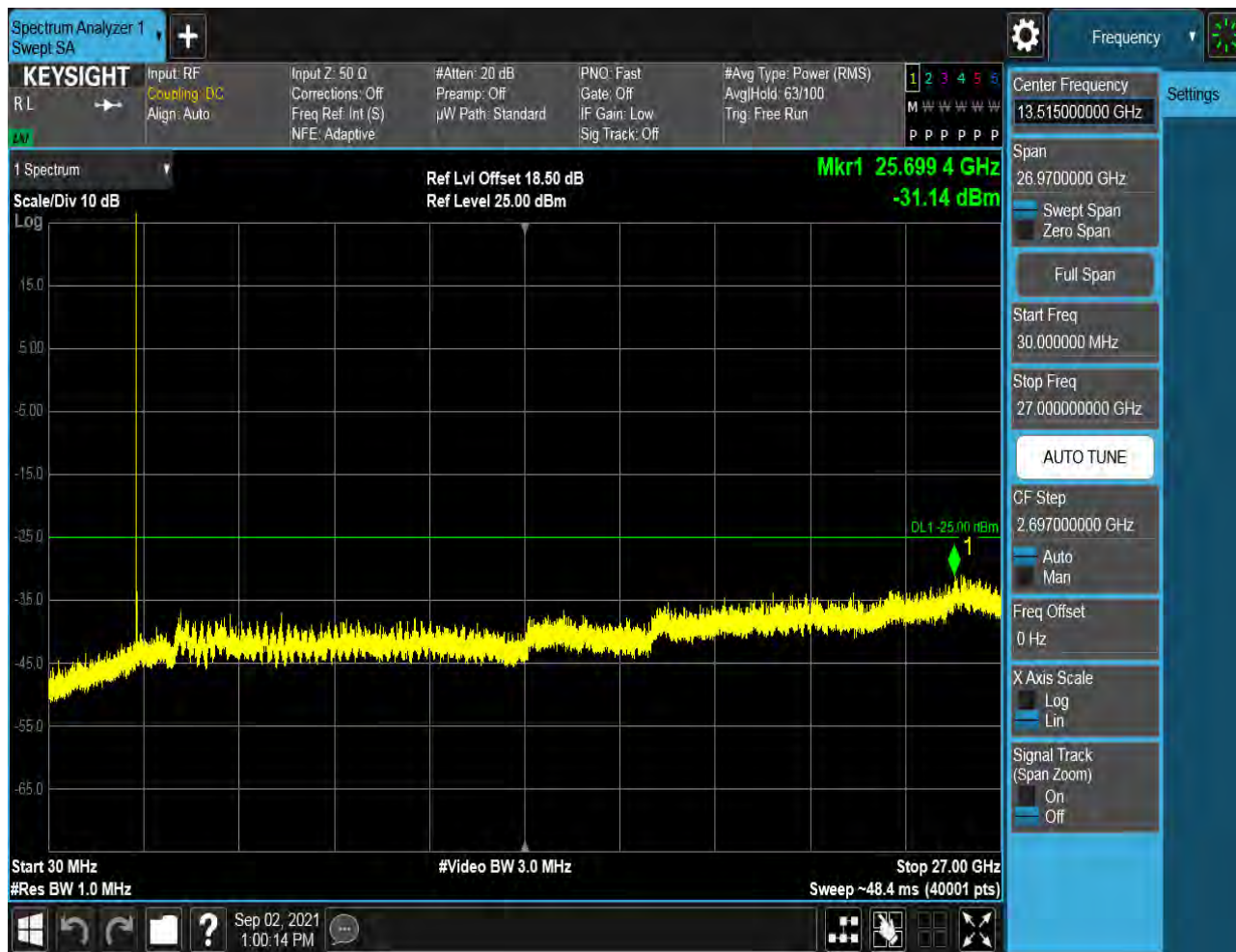
6.2.1.2.4 Test Bandwidth = 20

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0



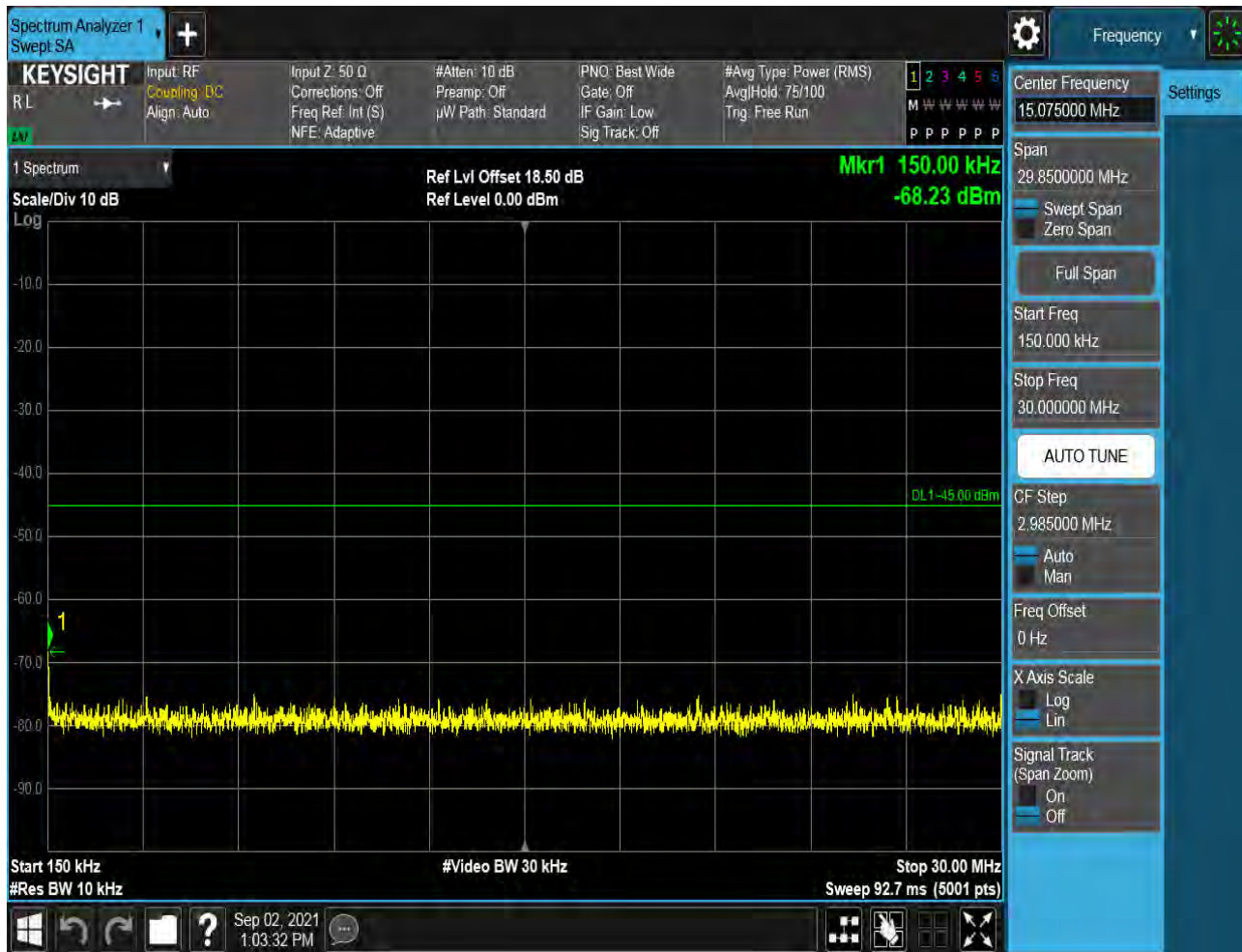




6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0





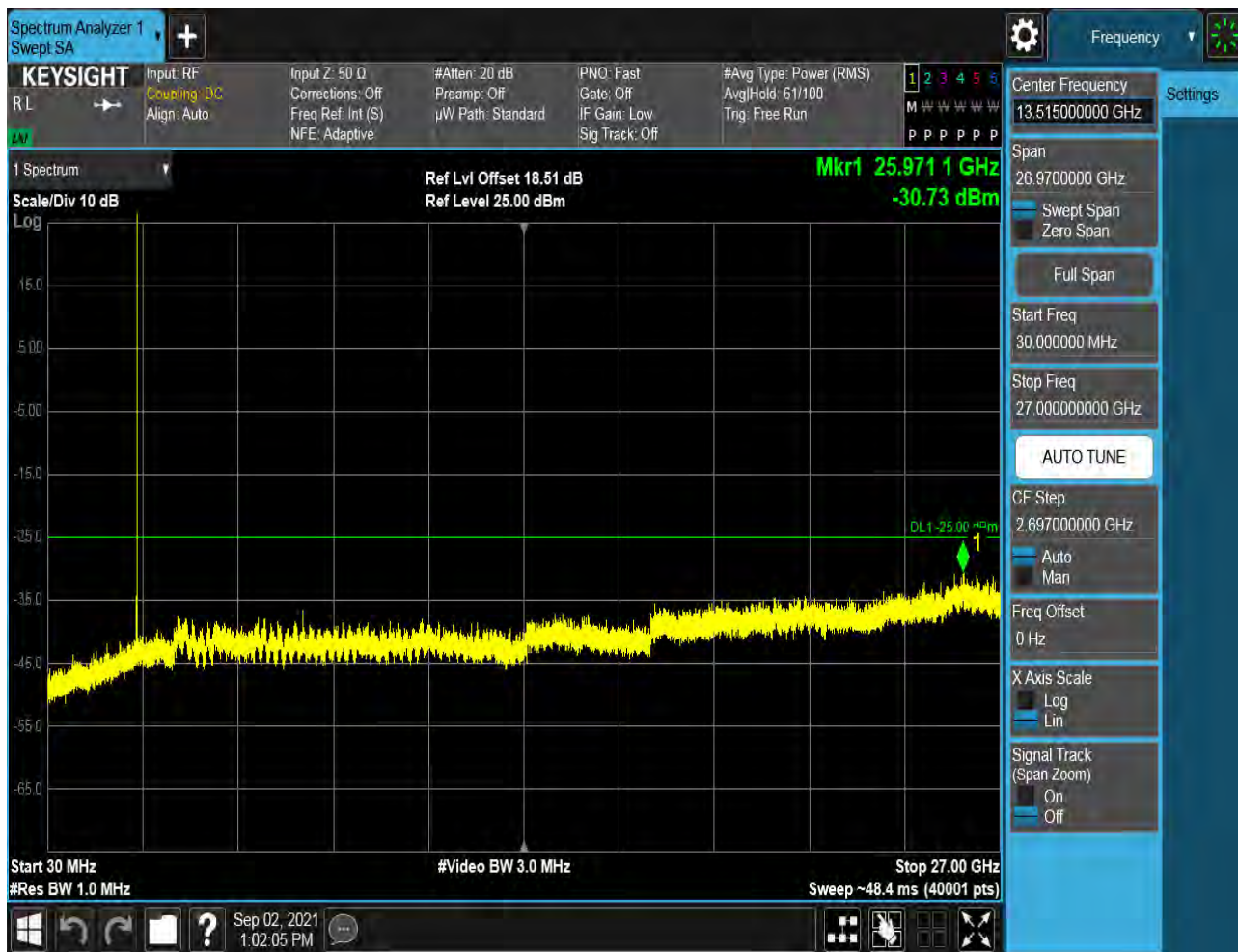


6.2.1.2.4.3 Test Channel = HCH

6.2.1.2.4.3.1 Test RB = RB1#0







7Appendix_G: Field Strength of Spurious Radiation

Note 1: We tested all modes & antennas, the data presented below is the worst case.

Note 2: For Below 30MHz, the data presented below is the worst case for all Channel Bandwidth.

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

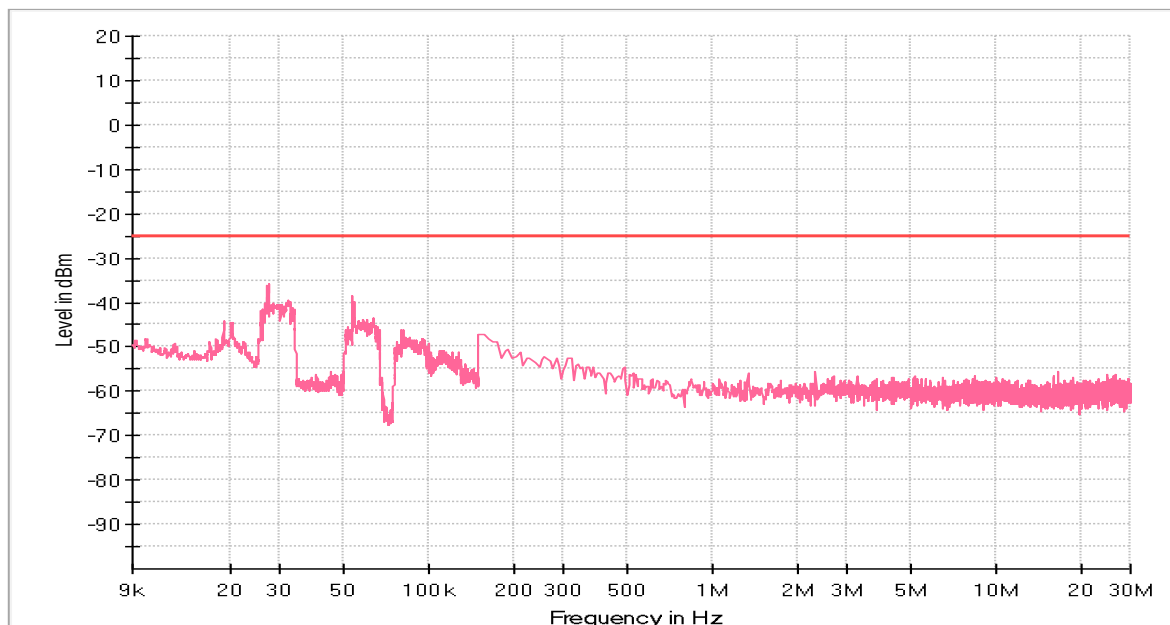
Part I - Test Plots

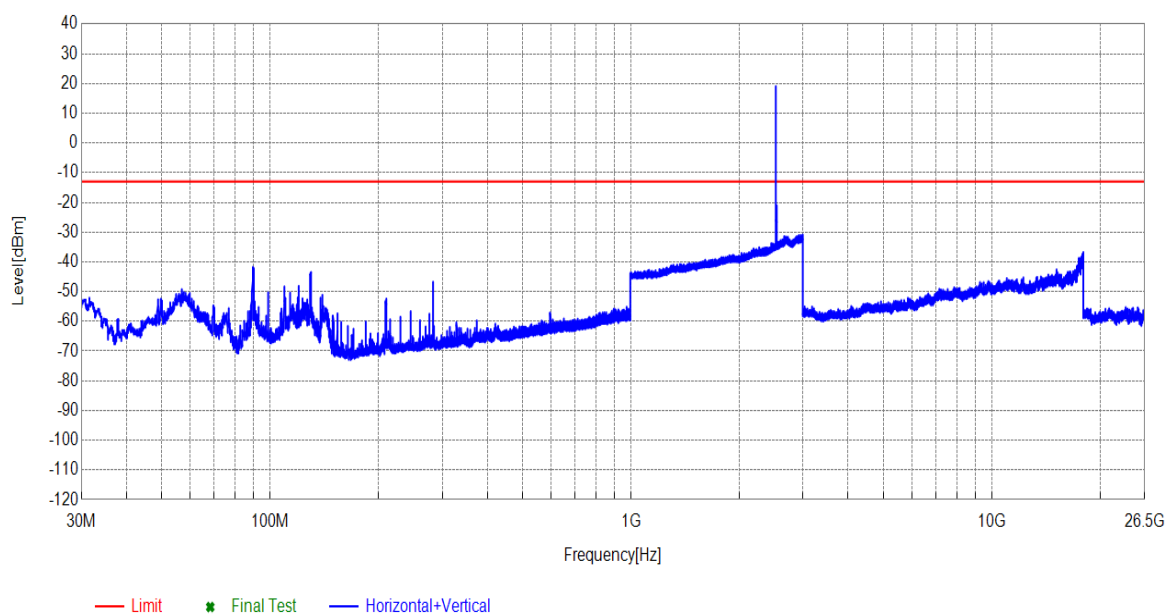
7.1 For LTE

7.1.1 Test Band = Band7

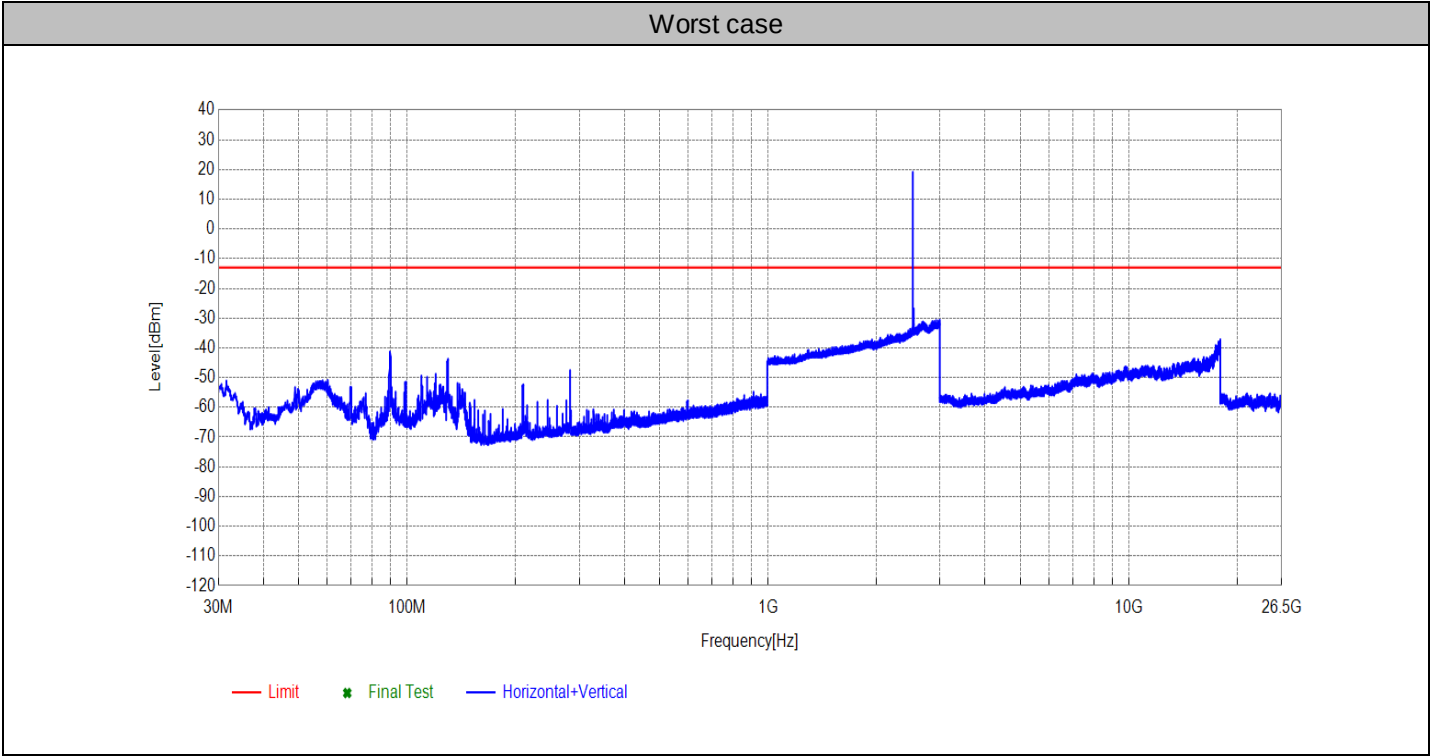
7.1.1.1 Test Bandwidth = 5

Worst case





7.1.1.2 Test Bandwidth = 20



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
Band7	LTE/TM1	5	LCH	TN	VL	-1.88827	-0.00075	PASS
					VN	-1.94550	-0.00078	PASS
					VH	-3.14712	-0.00126	PASS
			MCH	TN	VL	3.59058	0.00142	PASS
					VN	2.14577	0.00085	PASS
					VH	-3.14712	-0.00124	PASS
			HCH	TN	VL	-4.06265	-0.00158	PASS
					VN	-6.15120	-0.00240	PASS
					VH	-2.05994	-0.00080	PASS
		10	LCH	TN	VL	-1.41621	-0.00057	PASS
					VN	1.45912	0.00058	PASS
					VH	-3.66211	-0.00146	PASS
			MCH	TN	VL	0.57220	0.00023	PASS
					VN	-1.41621	-0.00056	PASS
					VH	3.97682	0.00157	PASS
			HCH	TN	VL	4.69208	0.00183	PASS
					VN	3.59058	0.00140	PASS
					VH	0.01431	0.00001	PASS
		15	LCH	TN	VL	1.34468	0.00054	PASS
					VN	0.92983	0.00037	PASS
					VH	4.20570	0.00168	PASS
			MCH	TN	VL	2.93255	0.00116	PASS
					VN	0.72956	0.00029	PASS
					VH	5.69344	0.00225	PASS
			HCH	TN	VL	1.84536	0.00072	PASS
					VN	-0.35763	-0.00014	PASS
					VH	-1.35899	-0.00053	PASS
		20	LCH	TN	VL	0.68665	0.00027	PASS
					VN	1.55926	0.00062	PASS
					VH	1.53065	0.00061	PASS
			MCH	TN	VL	-3.04699	-0.00120	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	TN	VN	1.48773	0.00059	PASS
					VH	2.38895	0.00094	PASS
					VL	-1.68800	-0.00066	PASS
					VN	-0.74387	-0.00029	PASS
					VH	-0.12875	-0.00005	PASS
		5	LCH	TN	VL	4.67777	0.00187	PASS
					VN	-1.00136	-0.00040	PASS
					VH	3.20435	0.00128	PASS
			MCH	TN	VL	1.58787	0.00063	PASS
					VN	5.06401	0.00200	PASS
					VH	-5.07832	-0.00200	PASS
			HCH	TN	VL	-6.20842	-0.00242	PASS
					VN	-4.09126	-0.00159	PASS
					VH	-9.05514	-0.00353	PASS
		10	LCH	TN	VL	-0.04292	-0.00002	PASS
					VN	-2.10285	-0.00084	PASS
					VH	-3.66211	-0.00146	PASS
			MCH	TN	VL	1.51634	0.00060	PASS
					VN	1.47343	0.00058	PASS
					VH	3.59058	0.00142	PASS
			HCH	TN	VL	2.33173	0.00091	PASS
					VN	2.50339	0.00098	PASS
					VH	1.97411	0.00077	PASS
		15	LCH	TN	VL	0.31471	0.00013	PASS
					VN	3.84808	0.00153	PASS
					VH	5.32150	0.00212	PASS
			MCH	TN	VL	1.60217	0.00063	PASS
					VN	2.38895	0.00094	PASS
					VH	6.19412	0.00244	PASS
			HCH	TN	VL	4.79221	0.00187	PASS
					VN	-1.13010	-0.00044	PASS
					VH	4.11987	0.00161	PASS
		20	LCH	TN	VL	3.23296	0.00129	PASS
					VN	5.79357	0.00231	PASS
					VH	-0.30041	-0.00012	PASS
			MCH	TN	VL	1.93119	0.00076	PASS
					VN	0.91553	0.00036	PASS
					VH	1.84536	0.00073	PASS
			HCH	TN	VL	0.45776	0.00018	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-1.33038	-0.00052	PASS
					VH	3.14712	0.00123	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
Band7	LTE/TM1	5	LCH	VN	-30	1.41621	0.00057	PASS
					-20	-6.25134	-0.00250	PASS
					-10	7.30991	0.00292	PASS
					0	-0.25749	-0.00010	PASS
					10	5.59330	0.00224	PASS
					20	-1.94550	-0.00078	PASS
					30	3.04699	0.00122	PASS
					40	9.59873	0.00384	PASS
					50	7.68185	0.00307	PASS
			MCH	VN	-30	0.12875	0.00005	PASS
					-20	-5.46455	-0.00216	PASS
					-10	-1.37329	-0.00054	PASS
					0	-0.48637	-0.00019	PASS
					10	-1.00136	-0.00040	PASS
					20	2.14577	0.00085	PASS
					30	9.45568	0.00373	PASS
					40	7.68185	0.00303	PASS
					50	-3.20435	-0.00126	PASS
			HCH	VN	-30	-9.78470	-0.00381	PASS
					-20	-8.74043	-0.00340	PASS
					-10	-2.01702	-0.00079	PASS
					0	-8.39710	-0.00327	PASS
					10	-1.25885	-0.00049	PASS
					20	-6.15120	-0.00240	PASS
					30	-4.24862	-0.00165	PASS
					40	-7.22408	-0.00281	PASS
					50	-7.39574	-0.00288	PASS
		10	LCH	VN	-30	-2.91824	-0.00116	PASS
					-20	2.57492	0.00103	PASS
					-10	5.42164	0.00216	PASS
					0	-3.69072	-0.00147	PASS
					10	8.16822	0.00326	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	1.45912	0.00058	PASS
					30	-5.63621	-0.00225	PASS
					40	2.81811	0.00112	PASS
					50	-0.51498	-0.00021	PASS
			MCH	VN	-30	3.89099	0.00153	PASS
					-20	-2.28882	-0.00090	PASS
					-10	3.91960	0.00155	PASS
					0	4.42028	0.00174	PASS
					10	-1.35899	-0.00054	PASS
					20	-1.41621	-0.00056	PASS
					30	2.96116	0.00117	PASS
					40	2.08855	0.00082	PASS
					50	7.23839	0.00286	PASS
			HCH	VN	-30	-3.17573	-0.00124	PASS
					-20	0.37193	0.00015	PASS
					-10	-2.91824	-0.00114	PASS
					0	6.23703	0.00243	PASS
					10	4.79221	0.00187	PASS
					20	3.59058	0.00140	PASS
					30	-0.70095	-0.00027	PASS
					40	1.28746	0.00050	PASS
					50	-5.87940	-0.00229	PASS
		15	LCH	VN	-30	3.00407	0.00120	PASS
					-20	-5.42164	-0.00216	PASS
					-10	-2.78950	-0.00111	PASS
					0	-3.91960	-0.00156	PASS
					10	2.24590	0.00090	PASS
					20	0.92983	0.00037	PASS
					30	2.05994	0.00082	PASS
					40	0.14305	0.00006	PASS
					50	3.20435	0.00128	PASS
			MCH	VN	-30	7.23839	0.00286	PASS
					-20	-2.10285	-0.00083	PASS
					-10	1.05858	0.00042	PASS
					0	2.83241	0.00112	PASS
					10	1.34468	0.00053	PASS
					20	0.72956	0.00029	PASS
					30	2.58923	0.00102	PASS
					40	2.27451	0.00090	PASS
					50	-2.86102	-0.00113	PASS
			HCH	VN	-30	1.80244	0.00070	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	4.01974	0.00157	PASS
					-10	2.41756	0.00094	PASS
					0	3.54767	0.00138	PASS
					10	1.73092	0.00068	PASS
					20	-0.35763	-0.00014	PASS
					30	4.74930	0.00185	PASS
					40	0.31471	0.00012	PASS
					50	3.37601	0.00132	PASS
		20	LCH	VN	-30	-0.77248	-0.00031	PASS
					-20	1.67370	0.00067	PASS
					-10	6.50883	0.00259	PASS
					0	3.17573	0.00127	PASS
					10	4.83513	0.00193	PASS
					20	1.55926	0.00062	PASS
					30	6.92368	0.00276	PASS
					40	6.19412	0.00247	PASS
					50	5.12123	0.00204	PASS
			MCH	VN	-30	1.01566	0.00040	PASS
					-20	0.01431	0.00001	PASS
					-10	2.68936	0.00106	PASS
					0	0.22888	0.00009	PASS
					10	3.36170	0.00133	PASS
					20	1.48773	0.00059	PASS
					30	-1.25885	-0.00050	PASS
					40	0.78678	0.00031	PASS
					50	1.38760	0.00055	PASS
			HCH	VN	-30	0.68665	0.00027	PASS
					-20	-0.10014	-0.00004	PASS
					-10	1.61648	0.00063	PASS
					0	-0.62943	-0.00025	PASS
					10	1.20163	0.00047	PASS
					20	-0.74387	-0.00029	PASS
					30	2.13146	0.00083	PASS
					40	-0.82970	-0.00032	PASS
					50	-0.22888	-0.00009	PASS
	LTE/TM2	5	LCH	VN	-30	0.84400	0.00034	PASS
					-20	3.70503	0.00148	PASS
					-10	3.44753	0.00138	PASS
					0	0.11444	0.00005	PASS
					10	-2.61784	-0.00105	PASS
					20	-1.00136	-0.00040	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	7.83920	0.00313	PASS
					40	0.57220	0.00023	PASS
					50	2.41756	0.00097	PASS
			MCH	VN	-30	10.41412	0.00411	PASS
					-20	-2.71797	-0.00107	PASS
					-10	6.70910	0.00265	PASS
					0	-1.01566	-0.00040	PASS
					10	12.35962	0.00488	PASS
					20	5.06401	0.00200	PASS
					30	2.88963	0.00114	PASS
					40	0.01431	0.00001	PASS
					50	-4.57764	-0.00181	PASS
			HCH	VN	-30	-3.51906	-0.00137	PASS
					-20	-5.57899	-0.00217	PASS
					-10	-6.19412	-0.00241	PASS
					0	-1.35899	-0.00053	PASS
					10	-9.64165	-0.00376	PASS
					20	-4.09126	-0.00159	PASS
					30	-1.24455	-0.00048	PASS
					40	-7.99656	-0.00311	PASS
					50	-0.11444	-0.00004	PASS
		10	LCH	VN	-30	2.28882	0.00091	PASS
					-20	3.36170	0.00134	PASS
					-10	2.37465	0.00095	PASS
					0	-3.08990	-0.00123	PASS
					10	-0.47207	-0.00019	PASS
					20	-2.10285	-0.00084	PASS
					30	-0.67234	-0.00027	PASS
					40	4.99249	0.00199	PASS
					50	-4.00543	-0.00160	PASS
			MCH	VN	-30	-0.21458	-0.00008	PASS
					-20	3.30448	0.00130	PASS
					-10	2.34604	0.00093	PASS
					0	2.33173	0.00092	PASS
					10	1.78814	0.00071	PASS
					20	1.47343	0.00058	PASS
					30	3.46184	0.00137	PASS
					40	-3.70503	-0.00146	PASS
					50	2.23160	0.00088	PASS
			HCH	VN	-30	-4.16279	-0.00162	PASS
					-20	9.61304	0.00375	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	1.27316	0.00050	PASS
					0	-3.96252	-0.00154	PASS
					10	10.67162	0.00416	PASS
					20	2.50339	0.00098	PASS
					30	-2.67506	-0.00104	PASS
					40	10.02789	0.00391	PASS
					50	-0.15736	-0.00006	PASS
		15	LCH	VN	-30	6.26564	0.00250	PASS
					-20	-7.02381	-0.00280	PASS
					-10	-0.54359	-0.00022	PASS
					0	3.93391	0.00157	PASS
					10	1.25885	0.00050	PASS
					20	3.84808	0.00153	PASS
					30	-3.43323	-0.00137	PASS
					40	-2.37465	-0.00095	PASS
					50	-2.00272	-0.00080	PASS
			MCH	VN	-30	2.98977	0.00118	PASS
					-20	-0.58651	-0.00023	PASS
					-10	1.95980	0.00077	PASS
					0	2.31743	0.00091	PASS
					10	0.10014	0.00004	PASS
					20	2.38895	0.00094	PASS
					30	1.45912	0.00058	PASS
					40	1.41621	0.00056	PASS
					50	-3.59058	-0.00142	PASS
			HCH	VN	-30	2.90394	0.00113	PASS
					-20	0.08583	0.00003	PASS
					-10	-0.64373	-0.00025	PASS
					0	2.13146	0.00083	PASS
					10	0.91553	0.00036	PASS
					20	-1.13010	-0.00044	PASS
					30	3.63350	0.00142	PASS
					40	2.17438	0.00085	PASS
					50	-2.34604	-0.00092	PASS
		20	LCH	VN	-30	1.90258	0.00076	PASS
					-20	0.51498	0.00021	PASS
					-10	-1.44482	-0.00058	PASS
					0	-0.84400	-0.00034	PASS
					10	1.31607	0.00052	PASS
					20	5.79357	0.00231	PASS
					30	2.94685	0.00117	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	9.88483	0.00394	PASS
					50	5.03540	0.00201	PASS
			MCH	VN	-30	-0.67234	-0.00027	PASS
					-20	0.92983	0.00037	PASS
					-10	-1.01566	-0.00040	PASS
					0	1.18732	0.00047	PASS
					10	-0.42915	-0.00017	PASS
					20	0.91553	0.00036	PASS
					30	1.41621	0.00056	PASS
					40	-1.54495	-0.00061	PASS
					50	1.61648	0.00064	PASS
			HCH	VN	-30	3.56197	0.00139	PASS
					-20	0.37193	0.00015	PASS
					-10	0.15736	0.00006	PASS
					0	-0.05722	-0.00002	PASS
					10	2.21729	0.00087	PASS
					20	-1.33038	-0.00052	PASS
					30	1.28746	0.00050	PASS
					40	0.90122	0.00035	PASS
					50	1.00136	0.00039	PASS

END