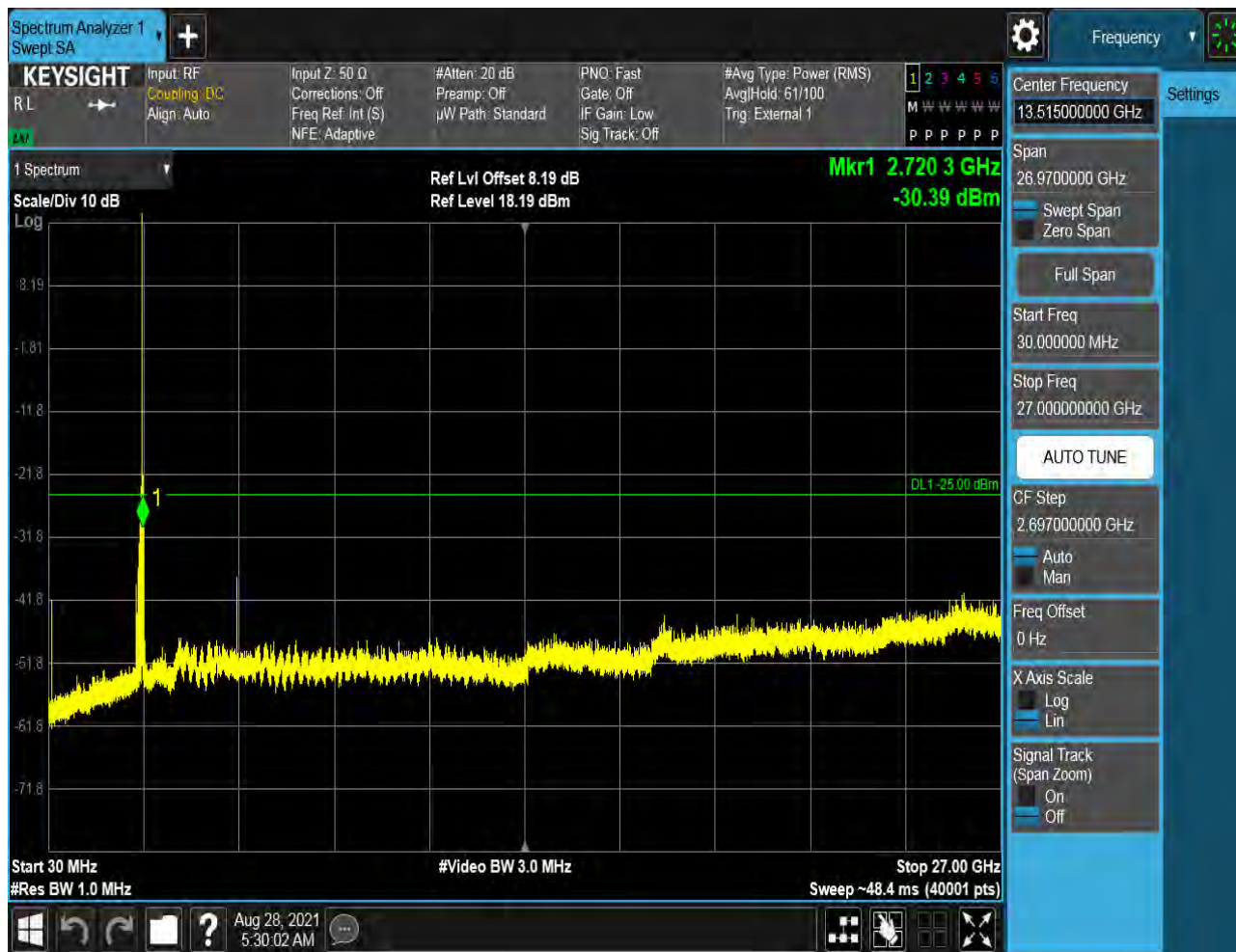




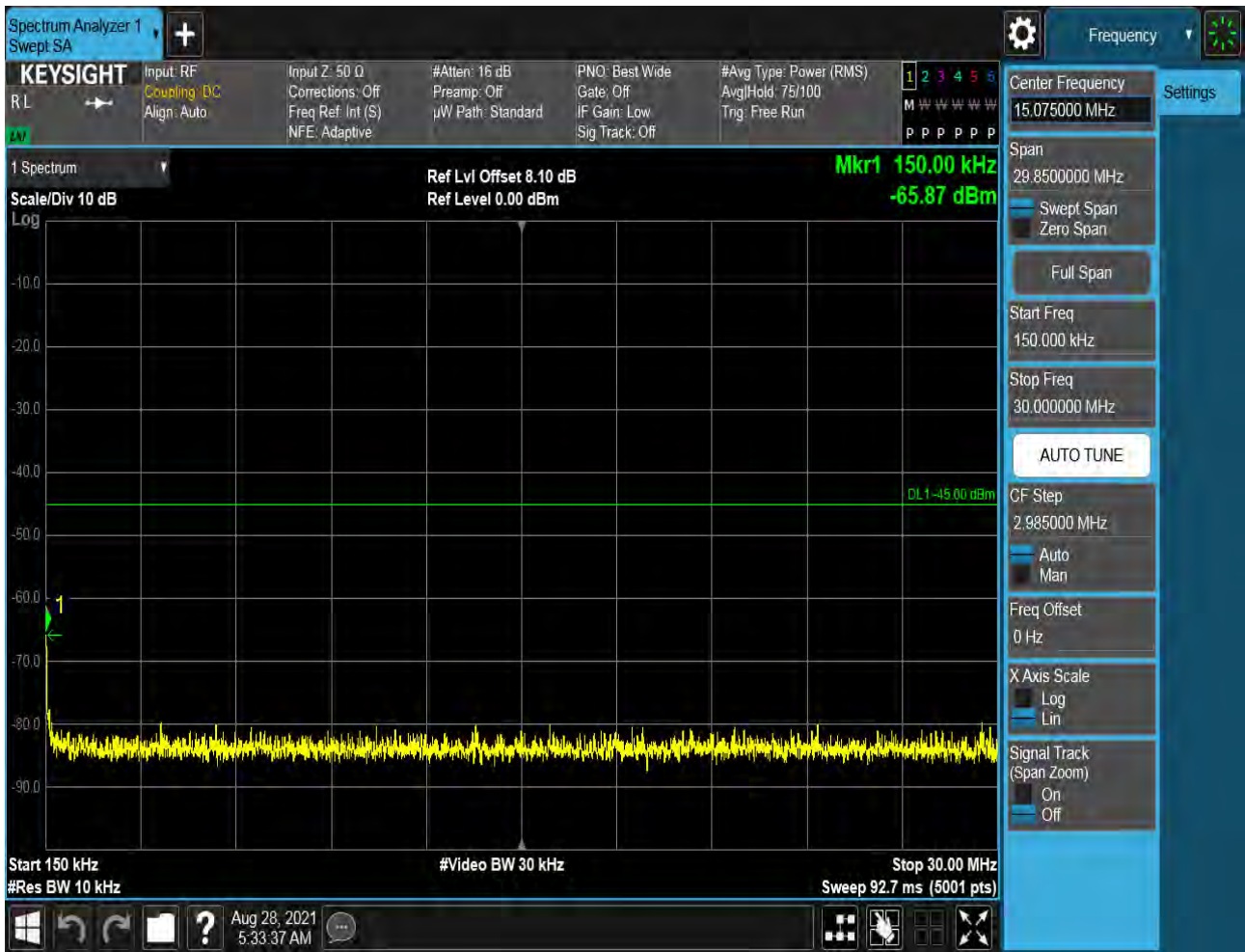


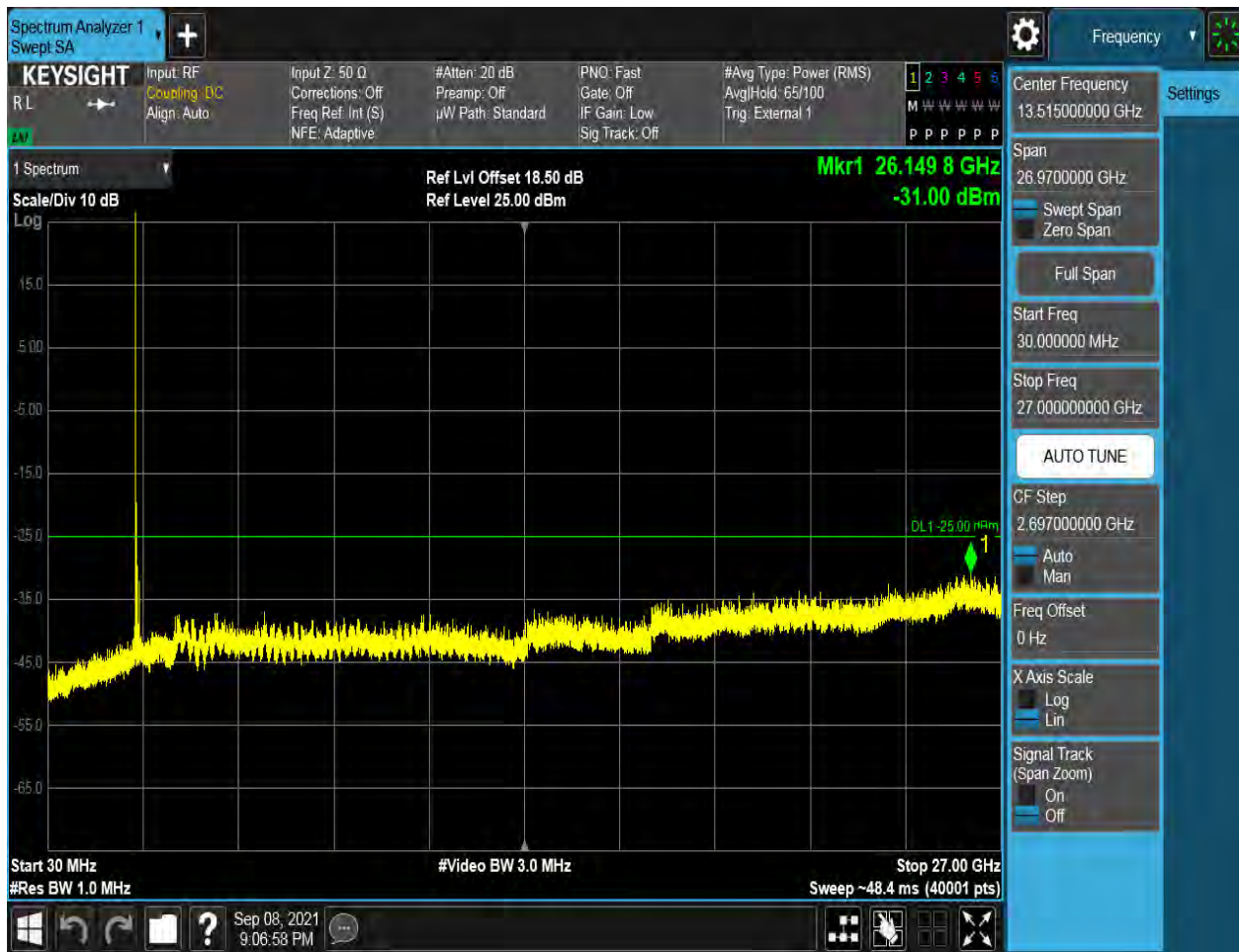
6.2.1.1.4 Test Bandwidth = 20

6.2.1.1.4.1 Test Channel = LCH

6.2.1.1.4.1.1 Test RB = RB1#0





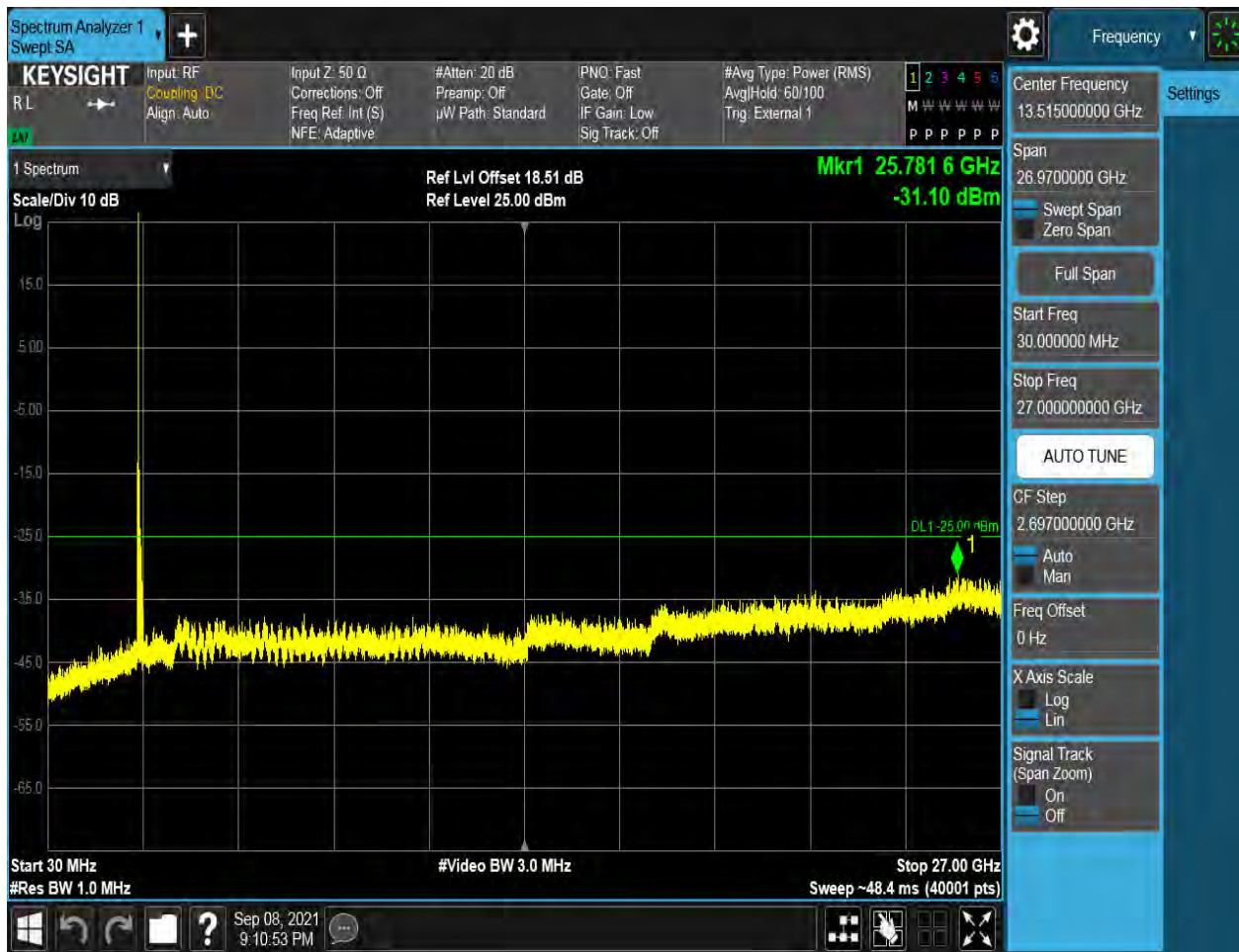


6.2.1.1.4.2 Test Channel = MCH

6.2.1.1.4.2.1 Test RB = RB1#0



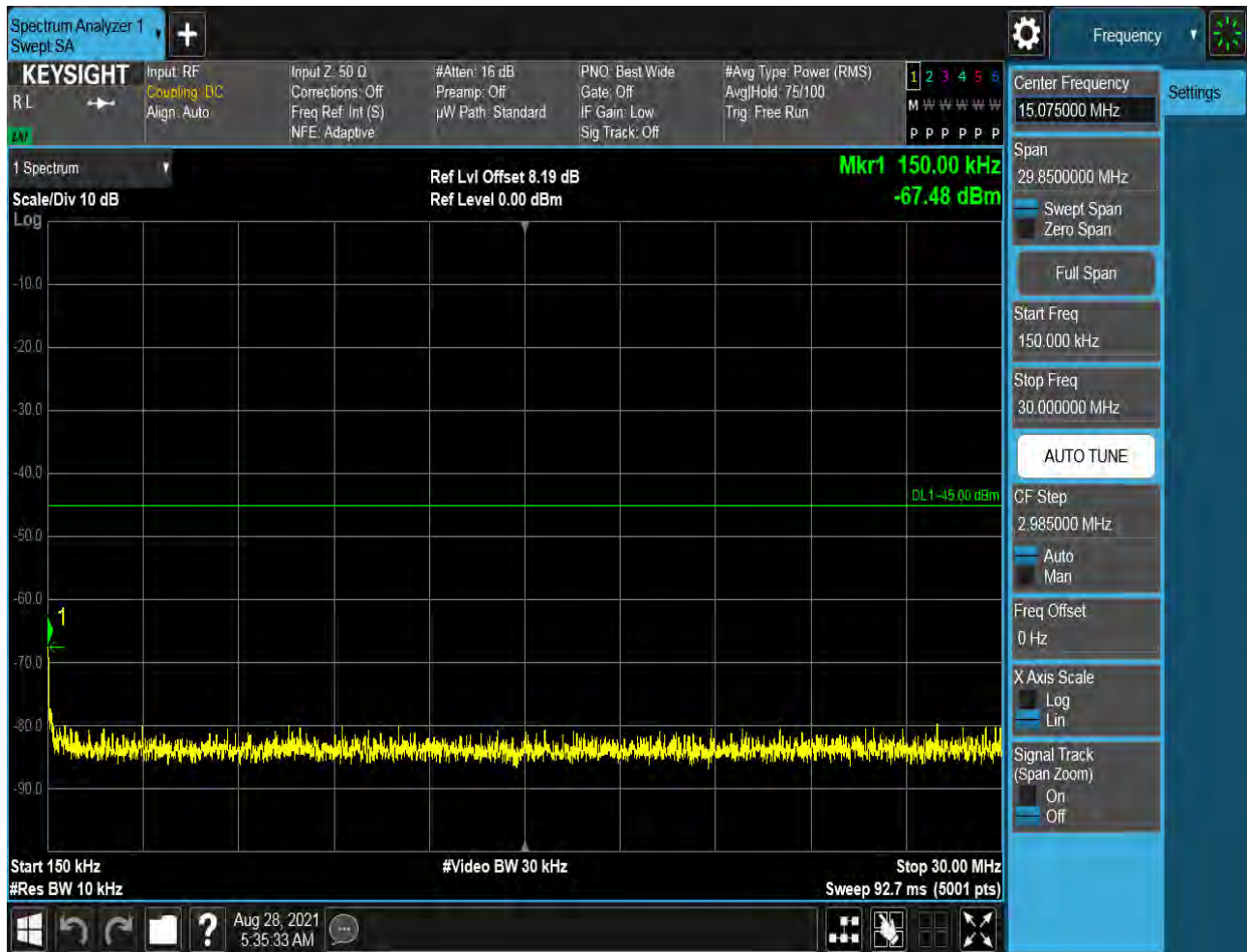


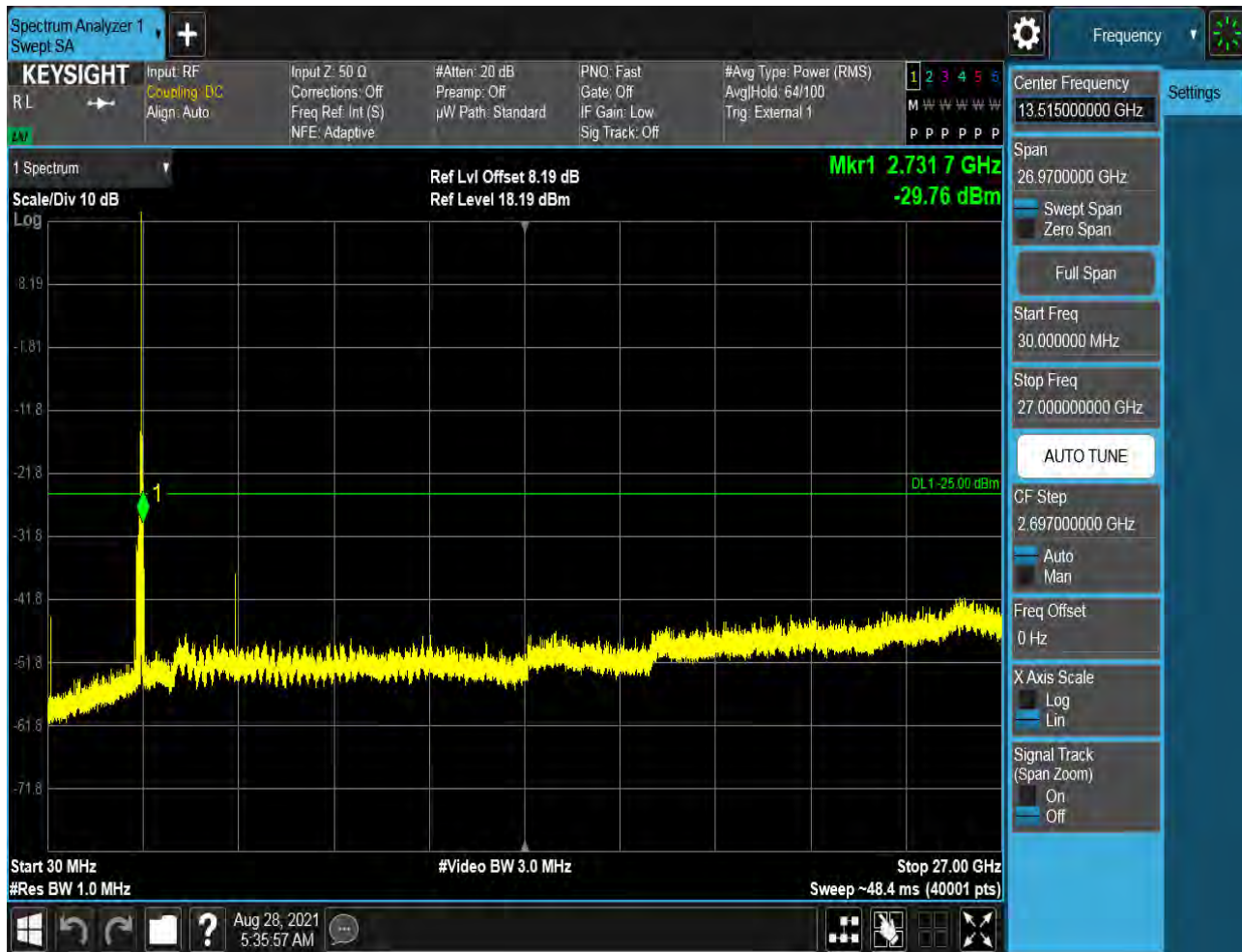


6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0







6.2.1.2 Test Mode = LTE/TM2

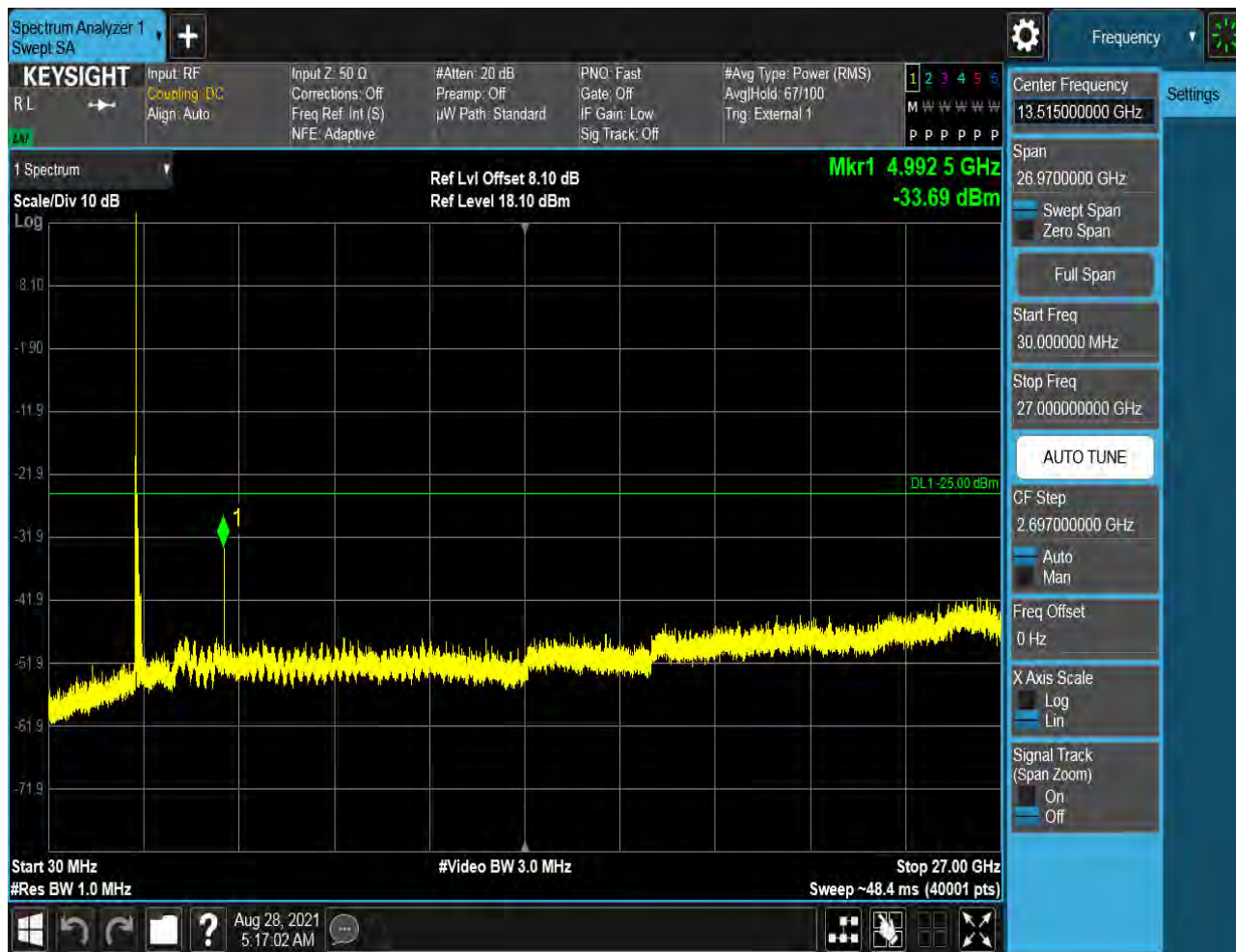
6.2.1.2.1 Test Bandwidth = 5

6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 Test RB = RB1#0





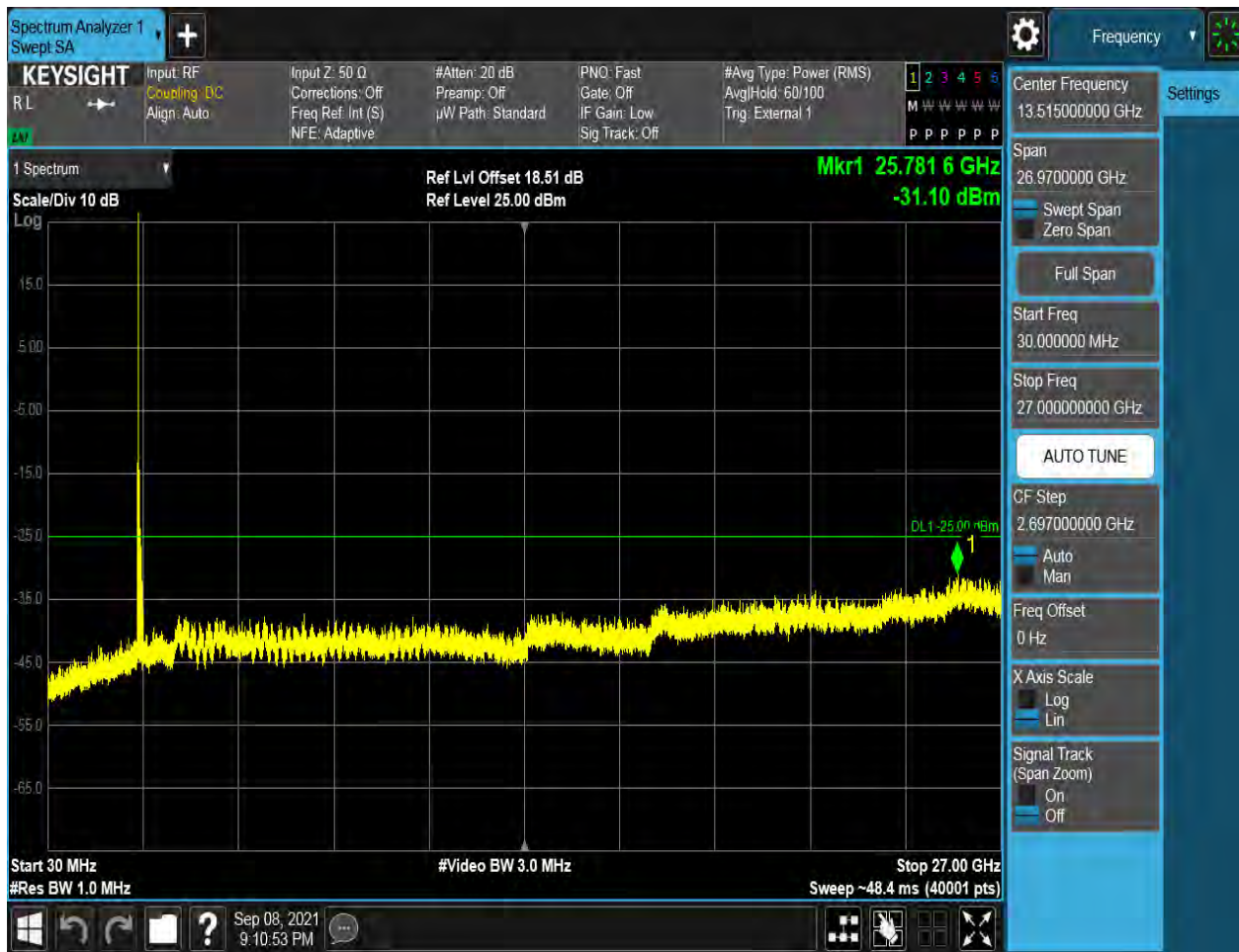


6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0

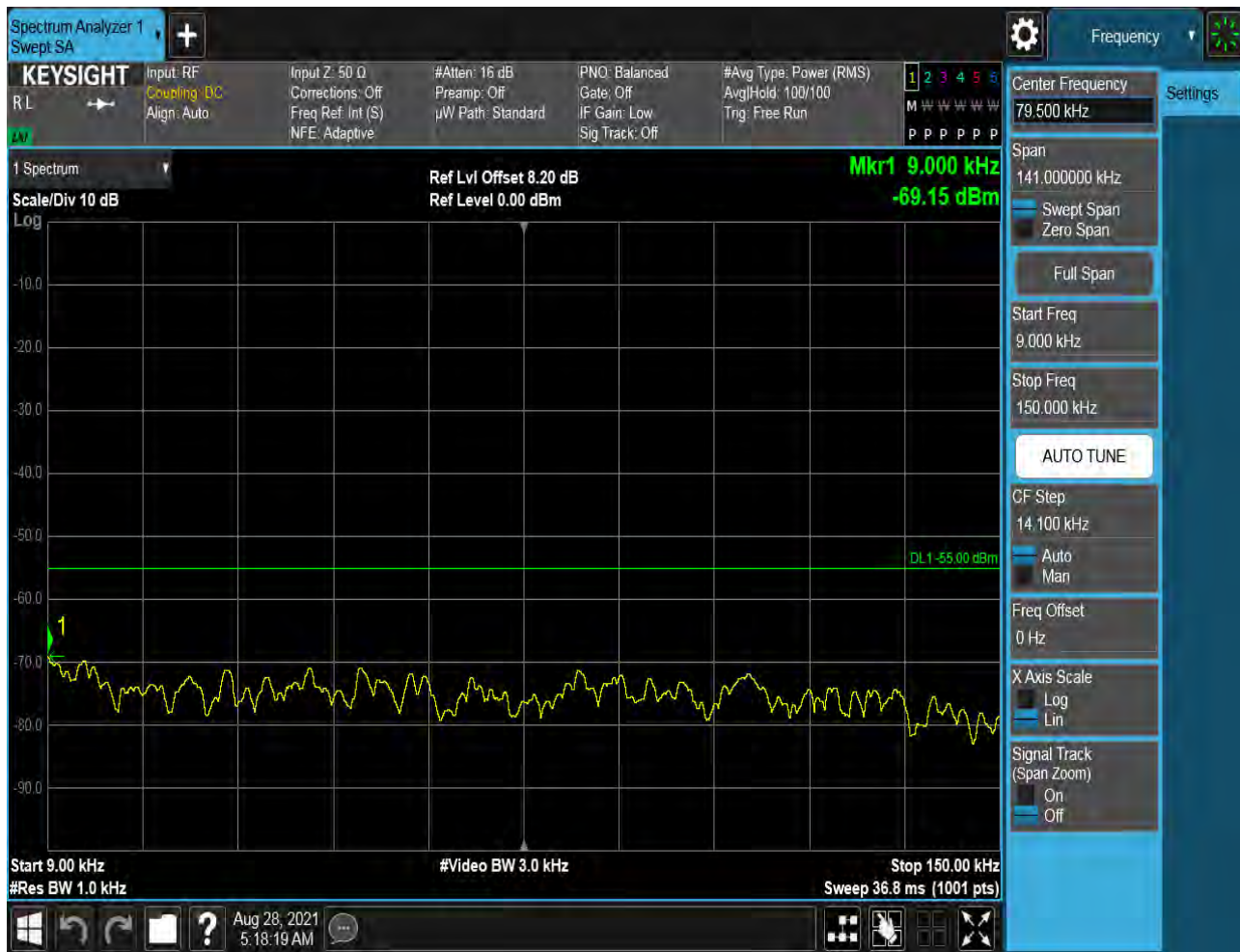




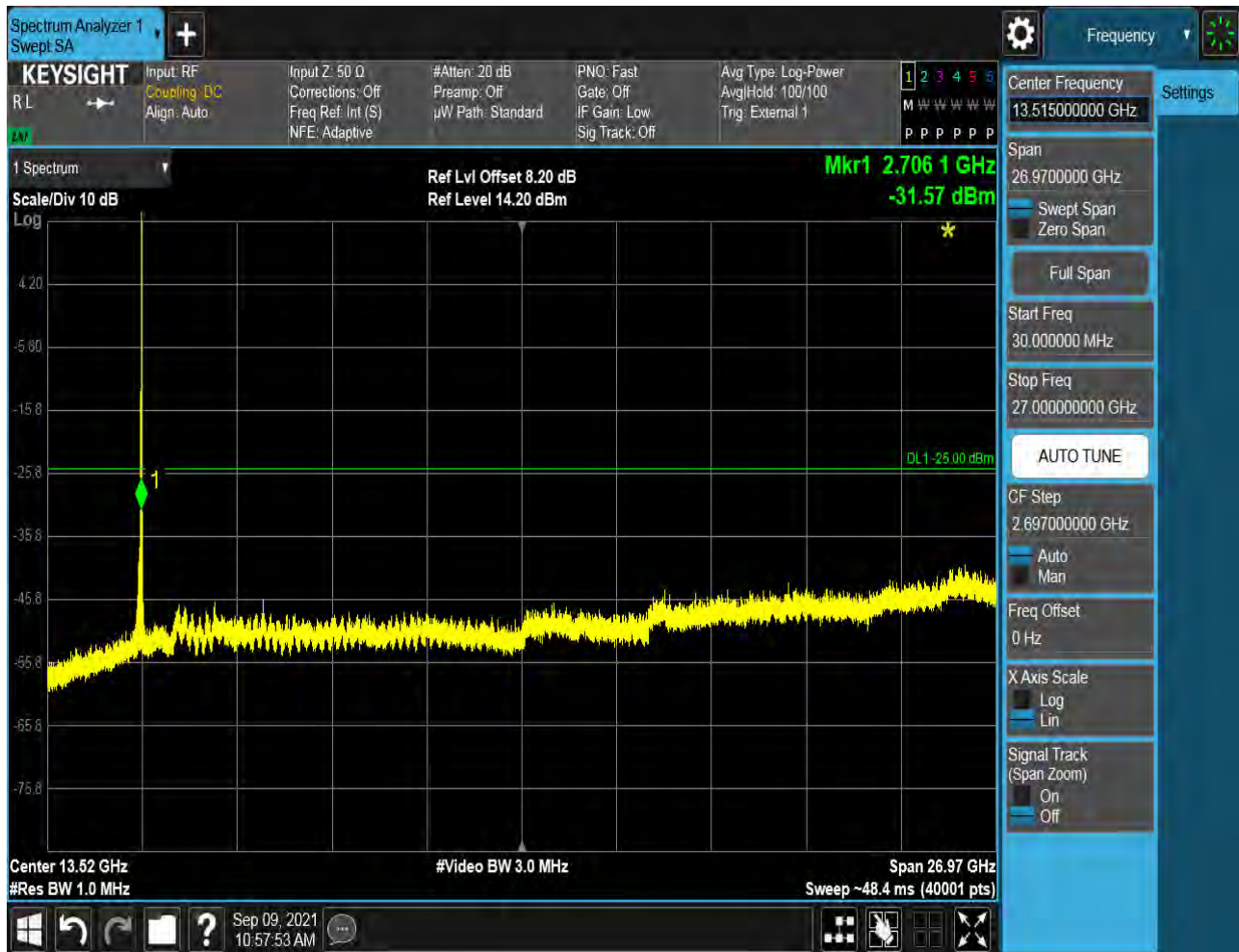


6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0







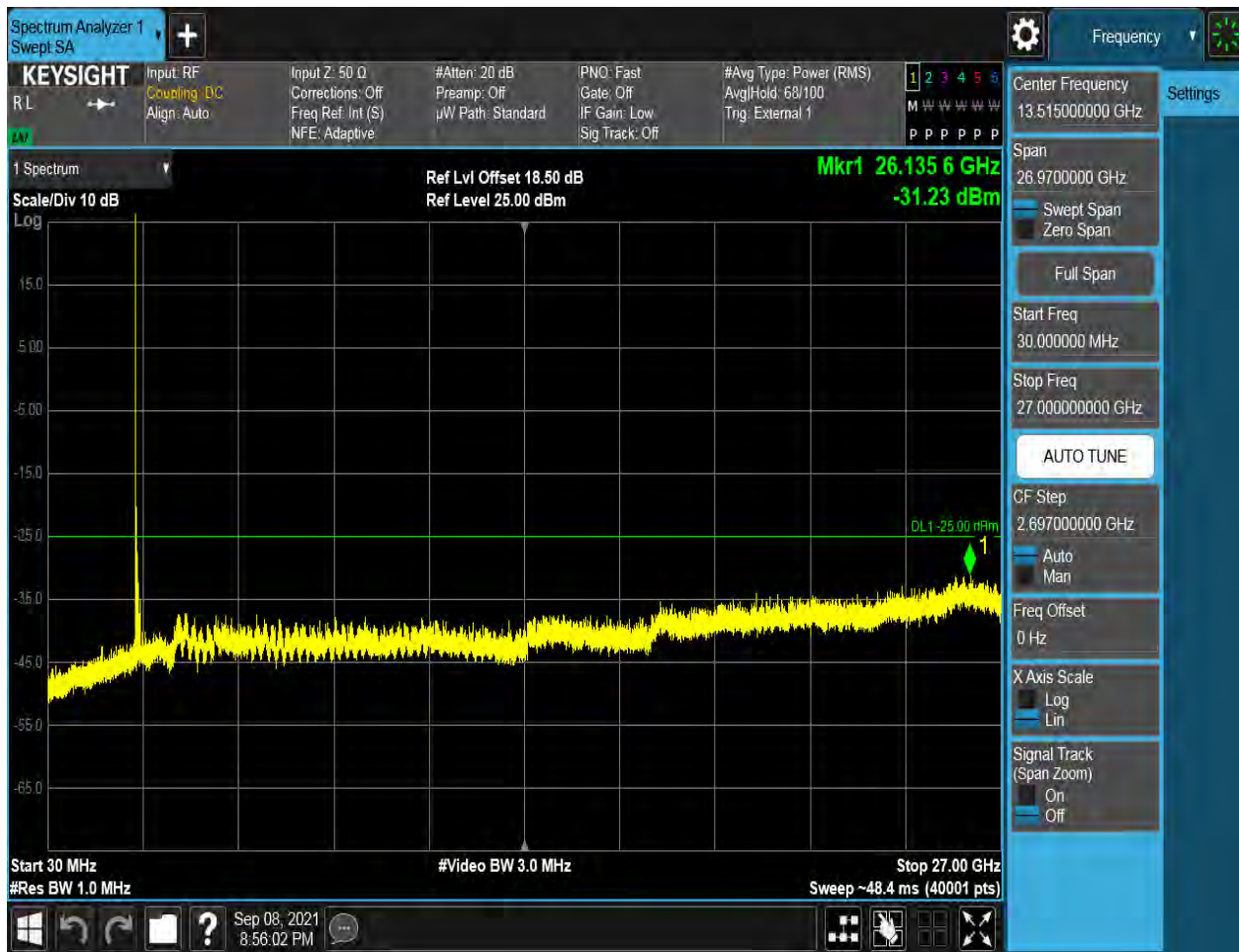
6.2.1.2.2 Test Bandwidth = 10

6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0





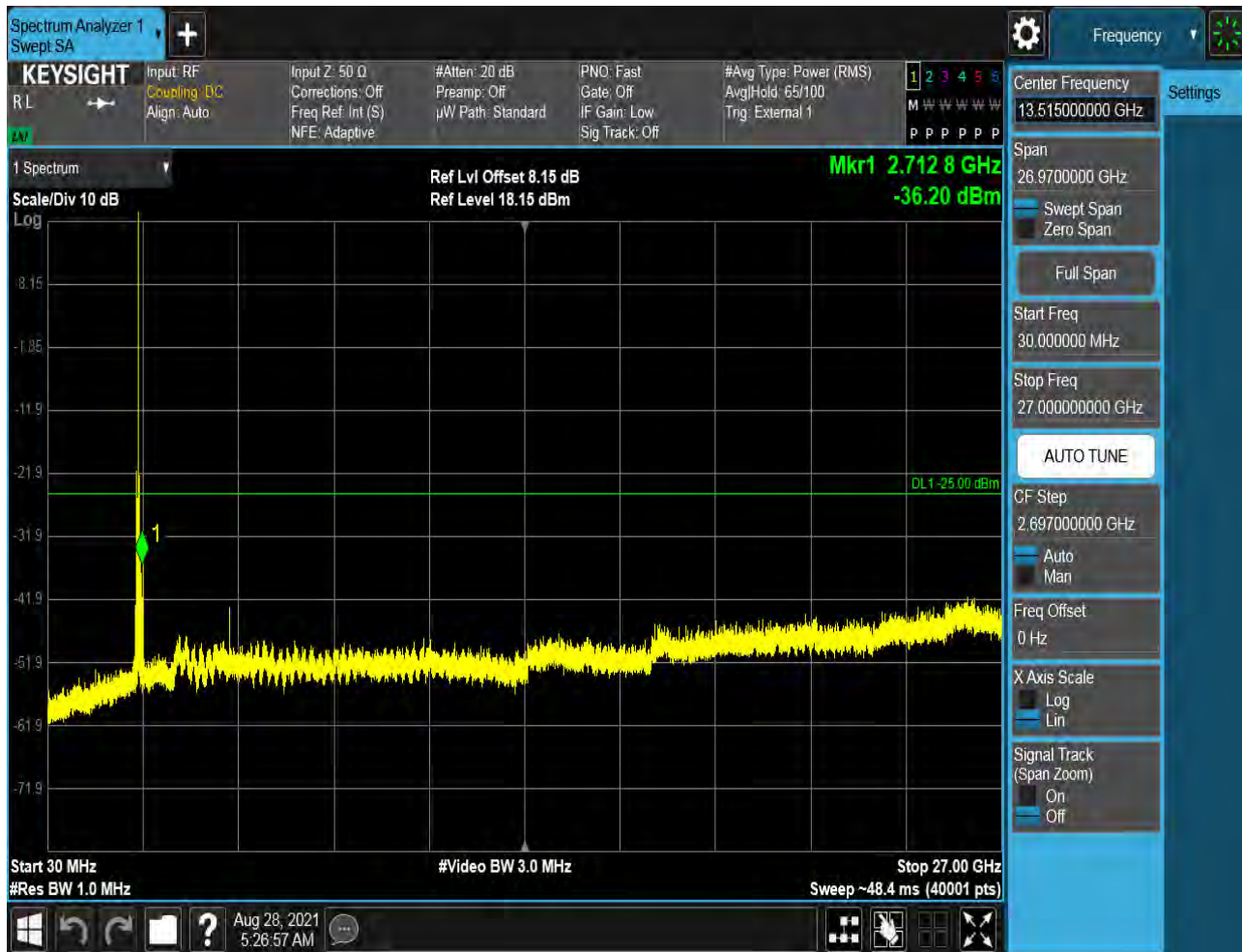


6.2.1.2.2.2 Test Channel = MCH

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







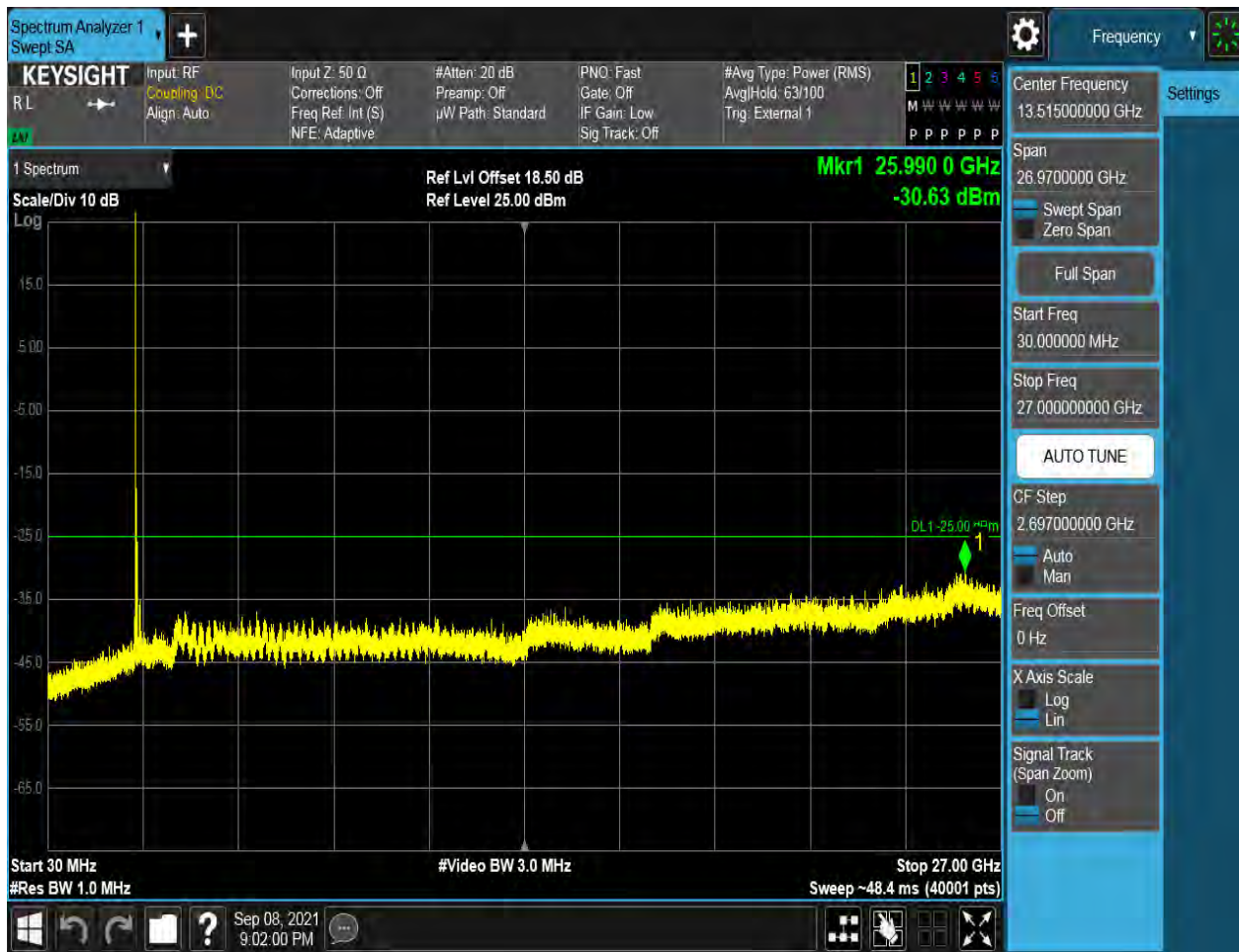
6.2.1.2.3 Test Bandwidth = 15

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0

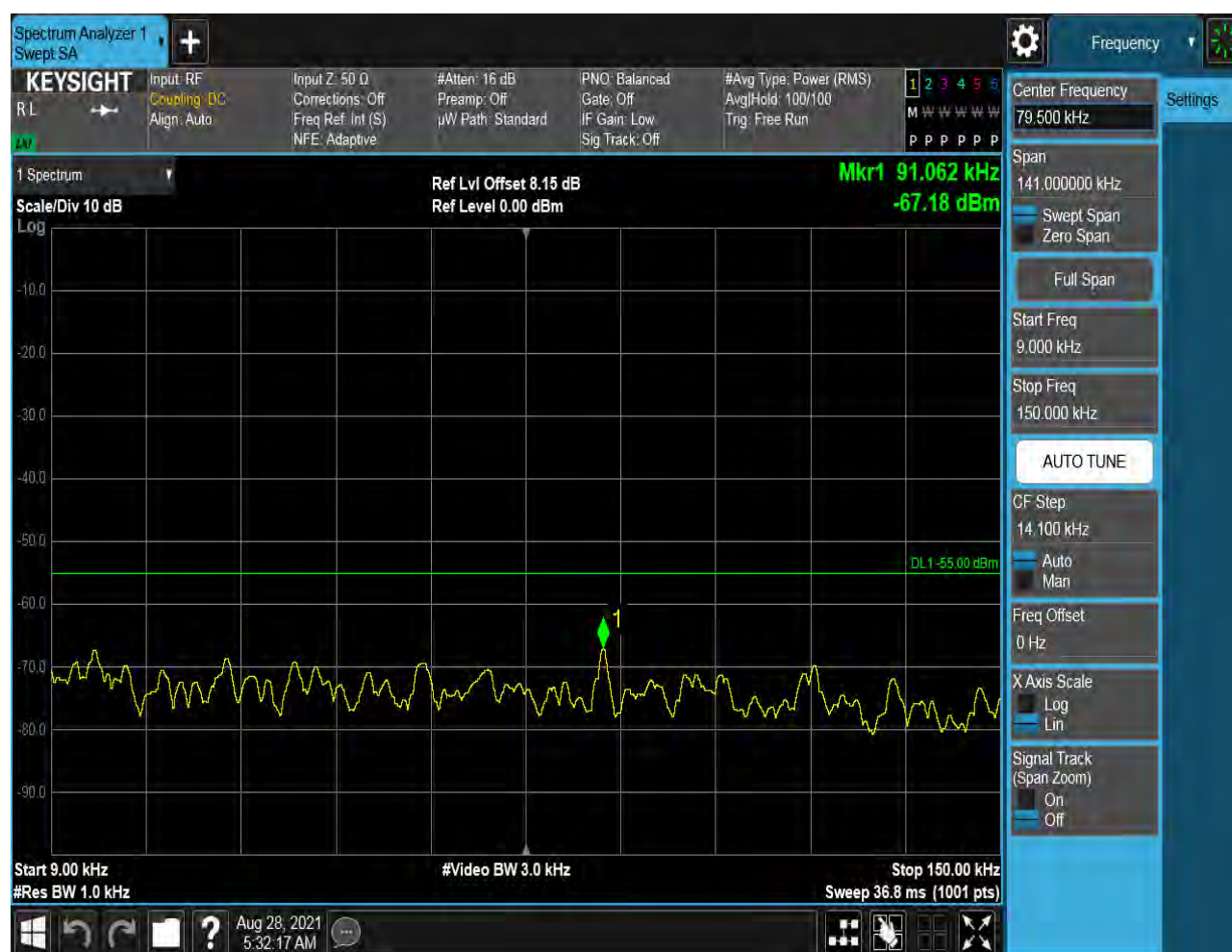




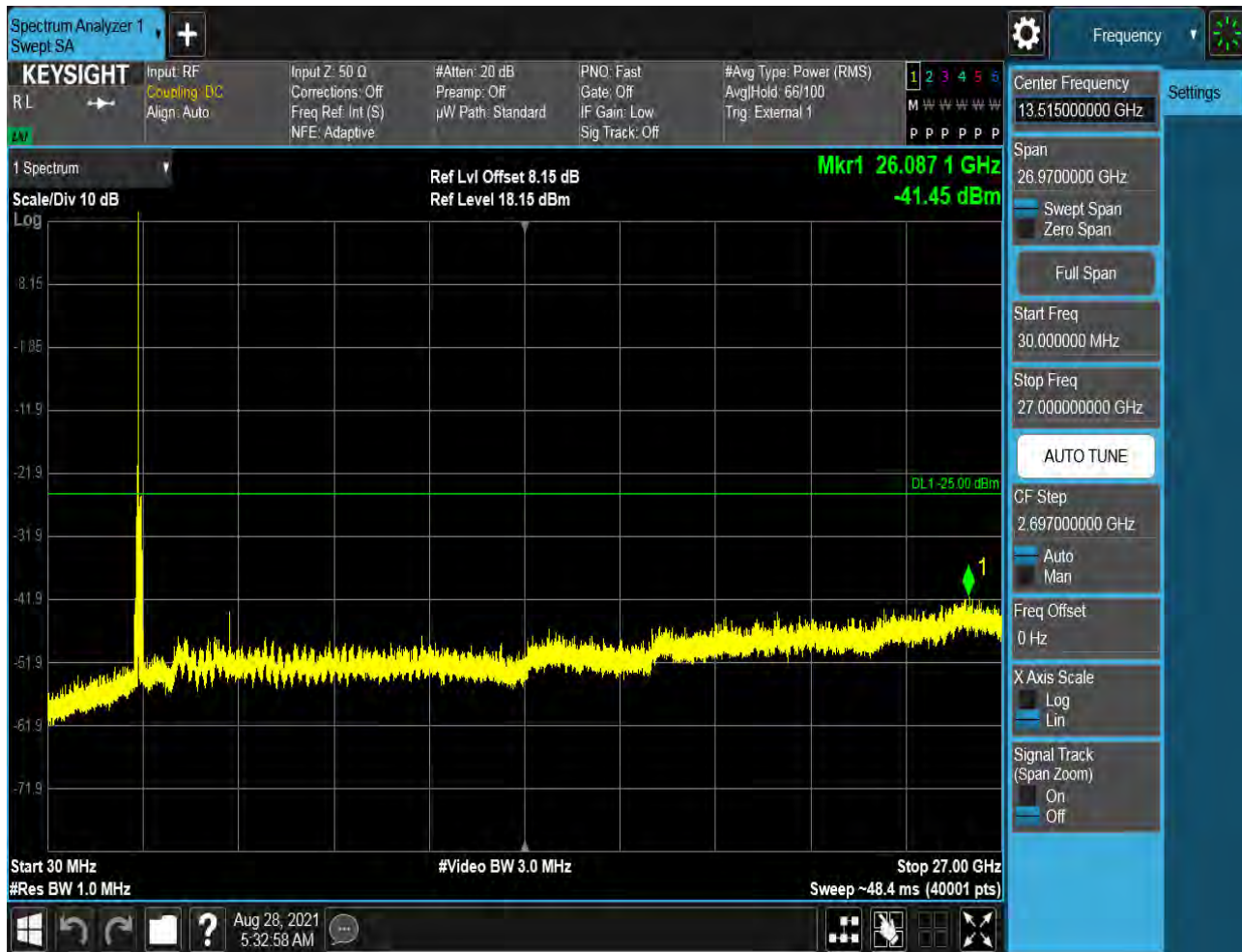


6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0





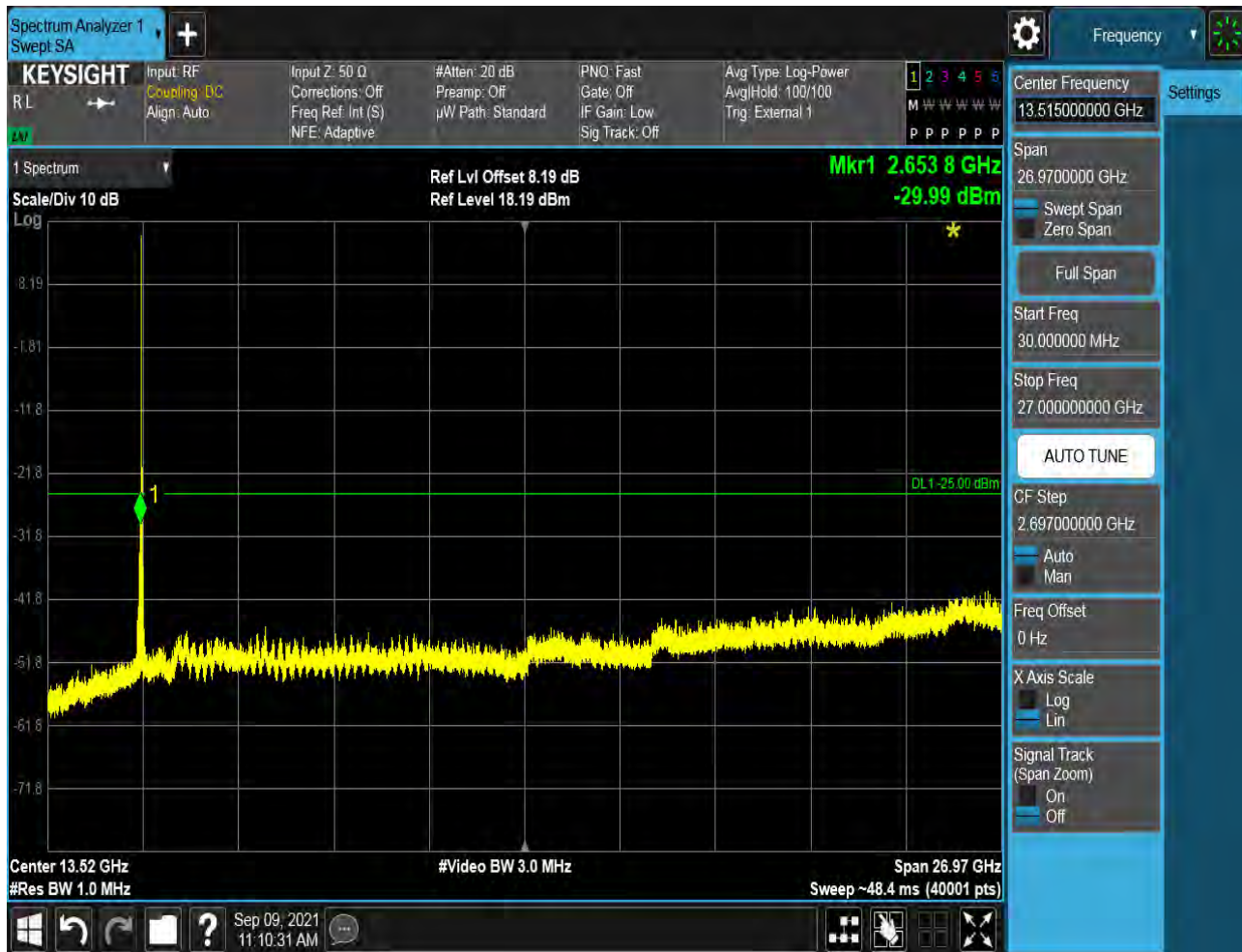


6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0





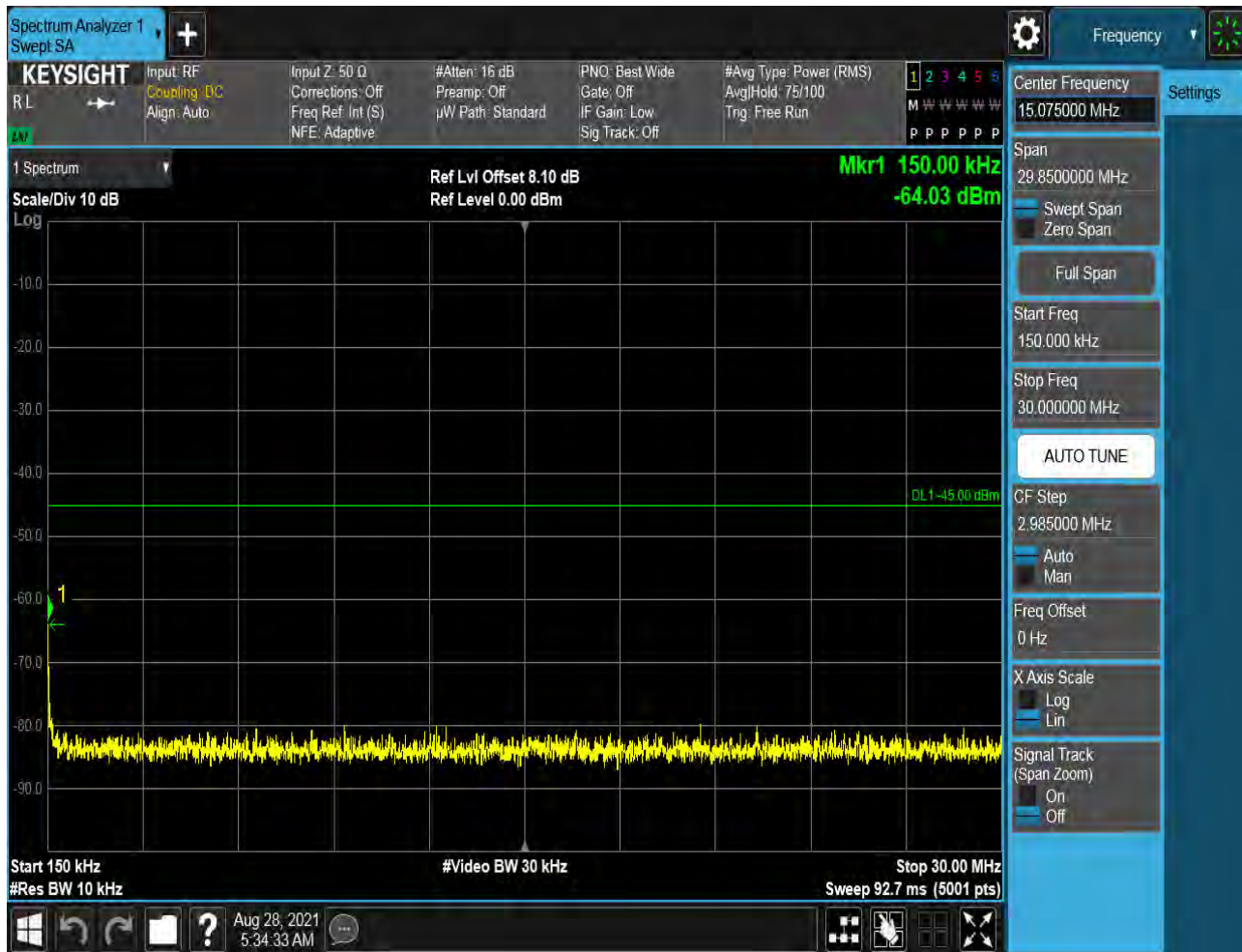


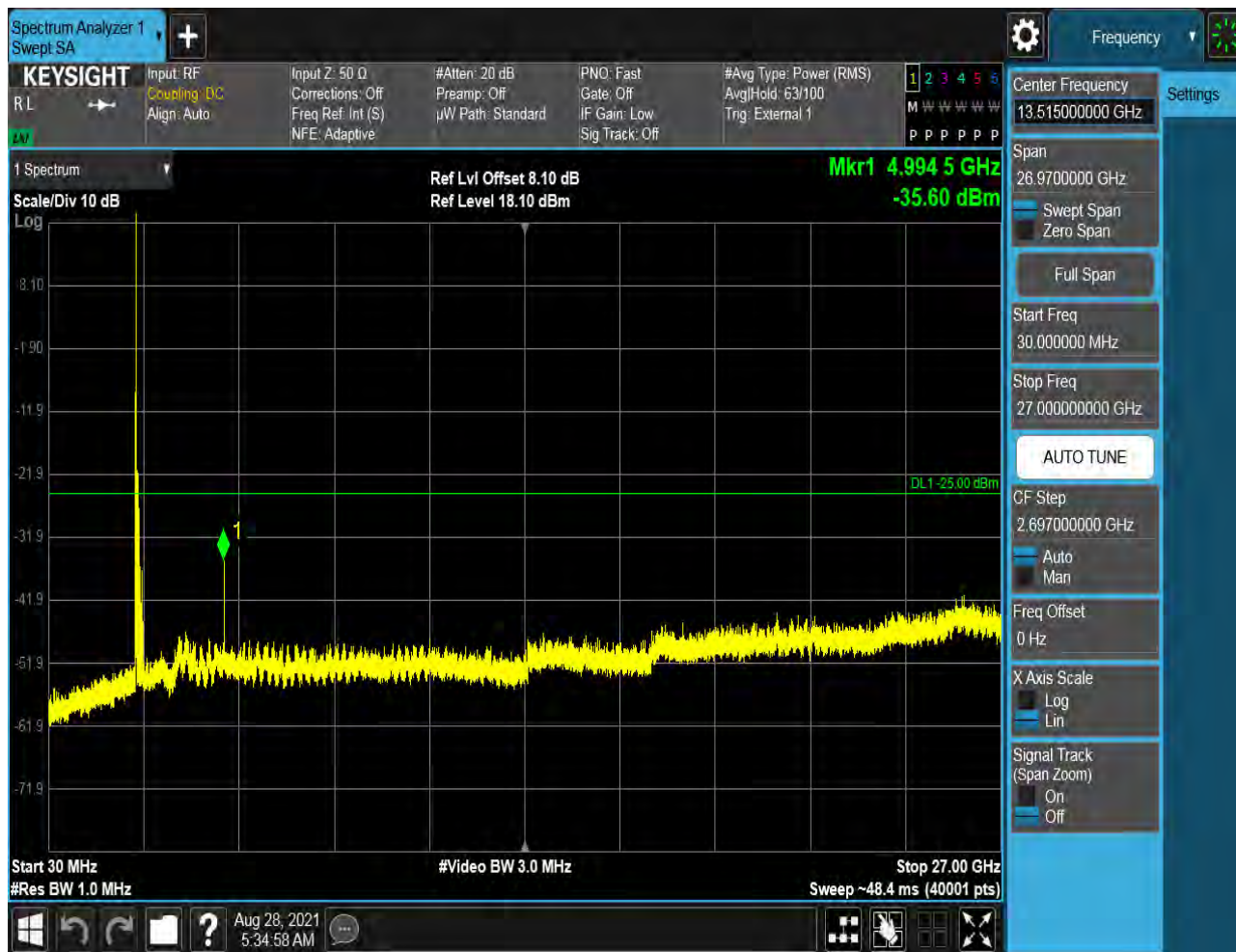
6.2.1.2.4 Test Bandwidth = 20

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0





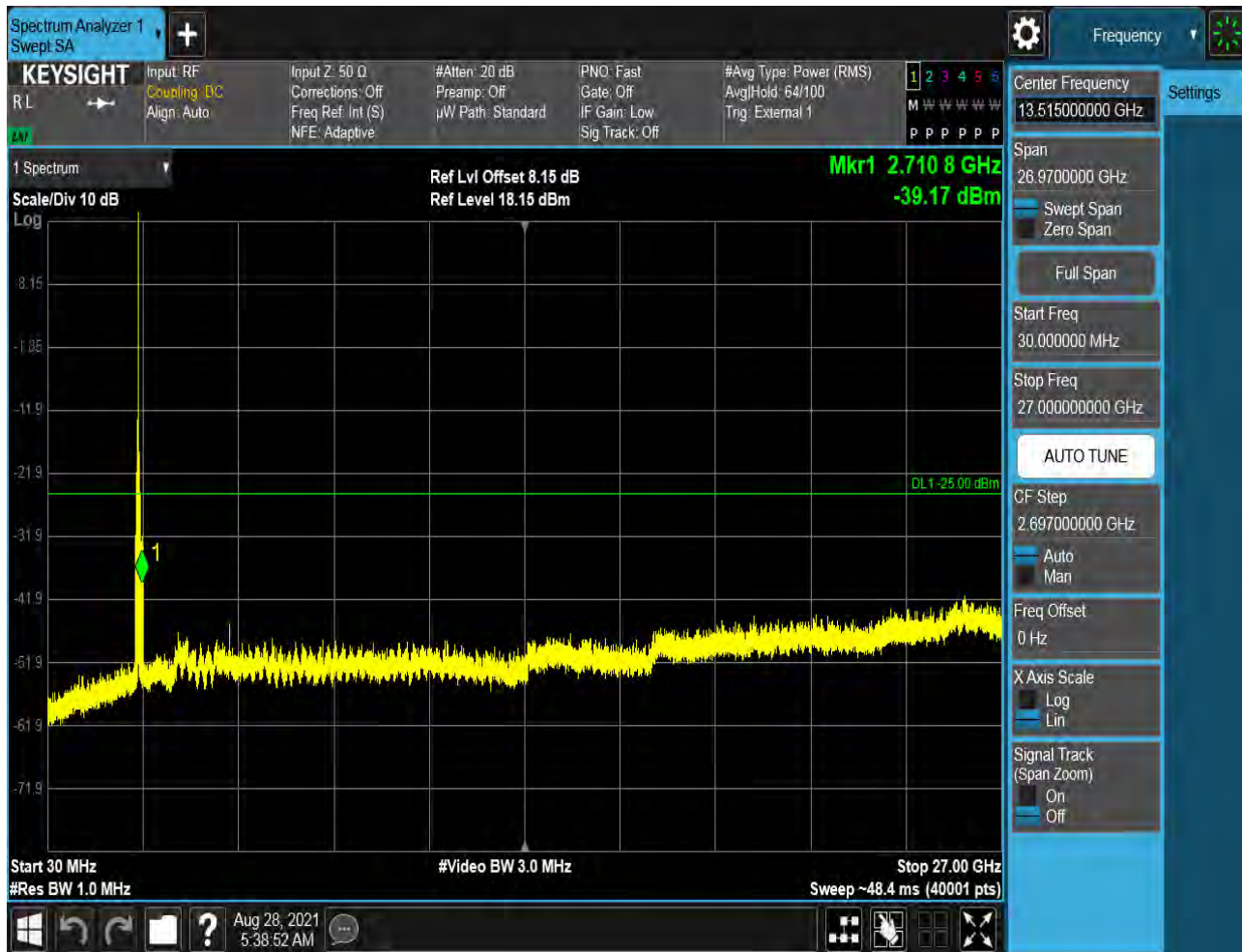


6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0

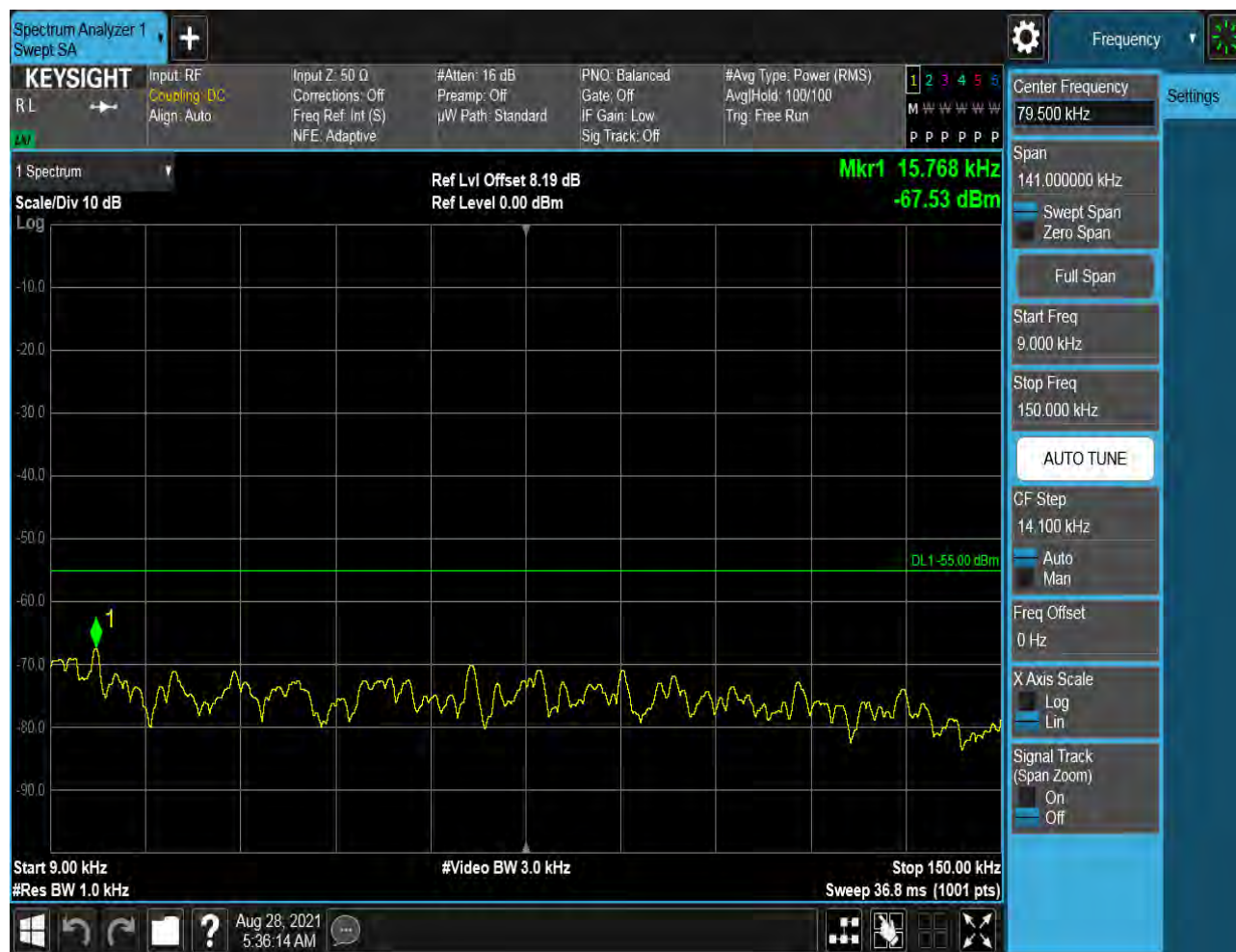




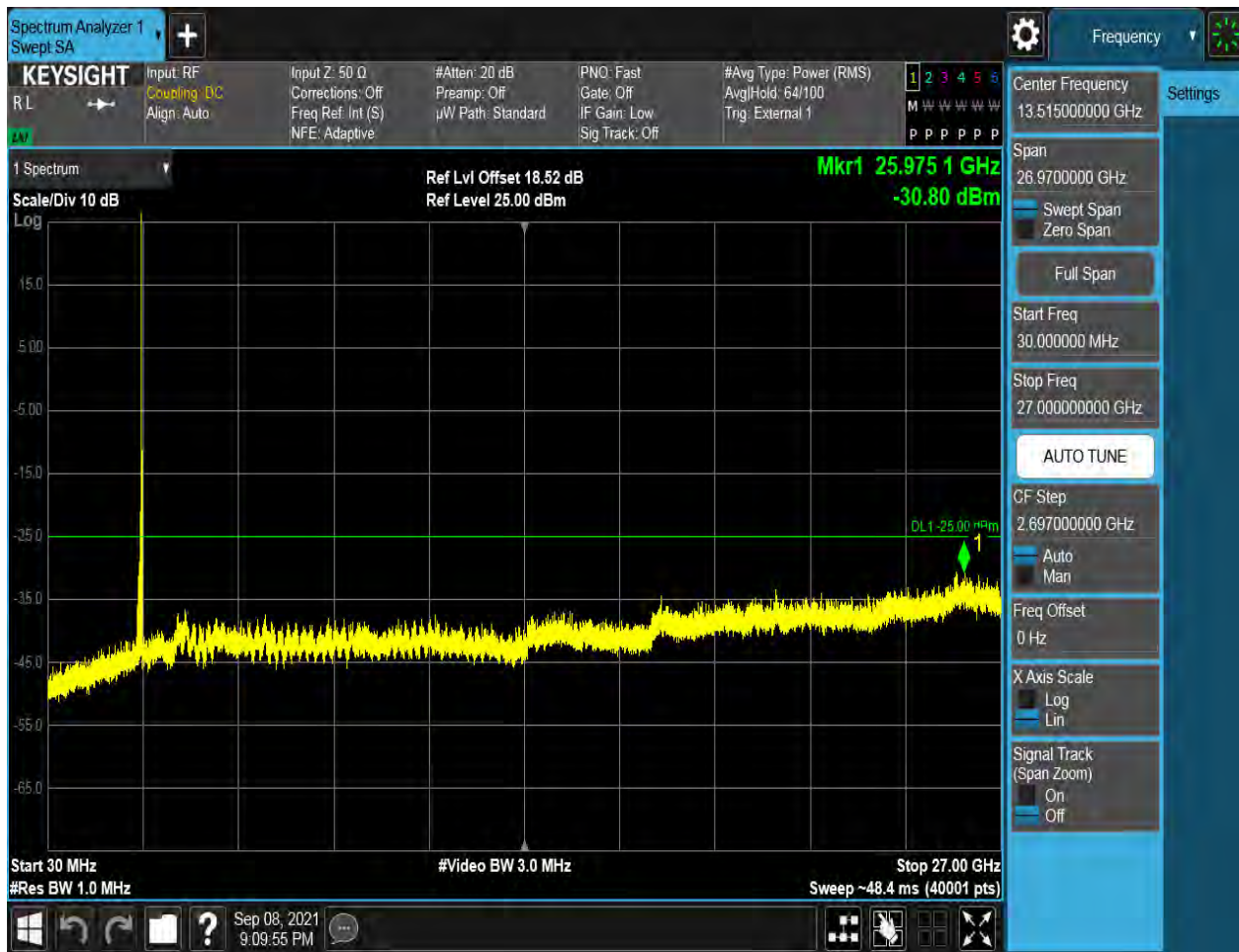


6.2.1.2.4.3 Test Channel = HCH

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

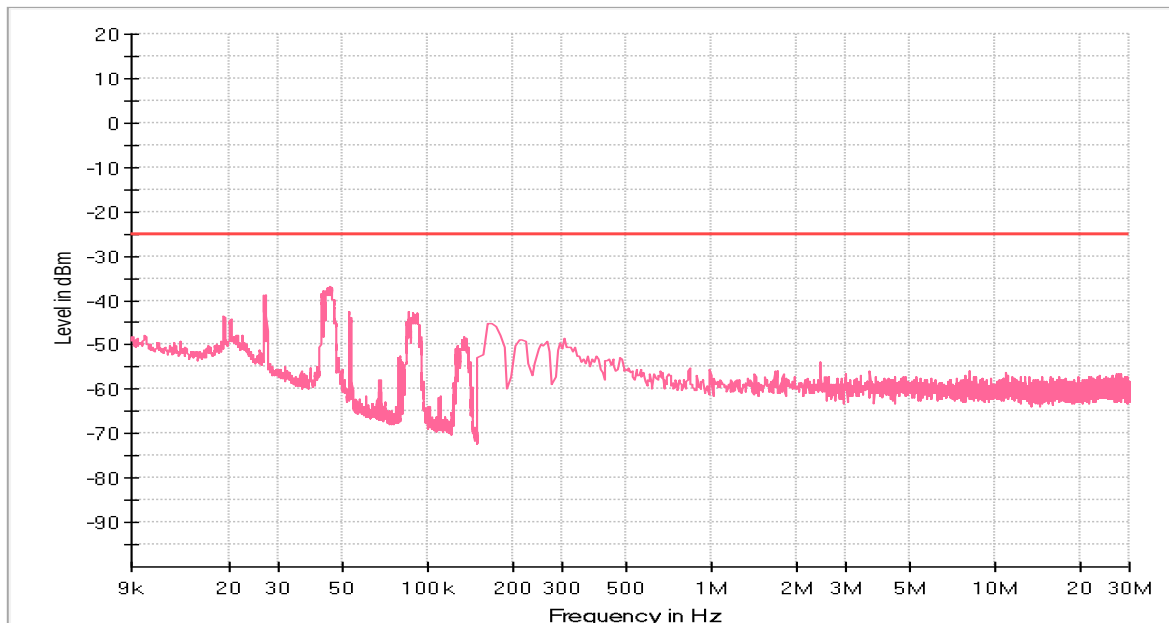
Part I - Test Plots

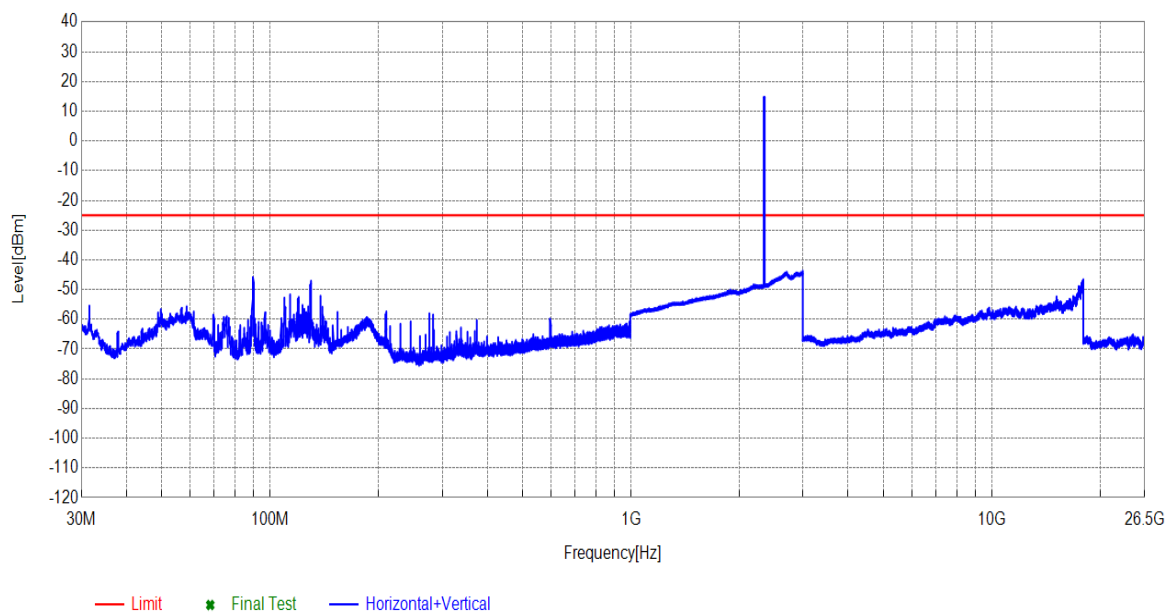
7.1 For LTE

7.1.1 Test Band = Band41

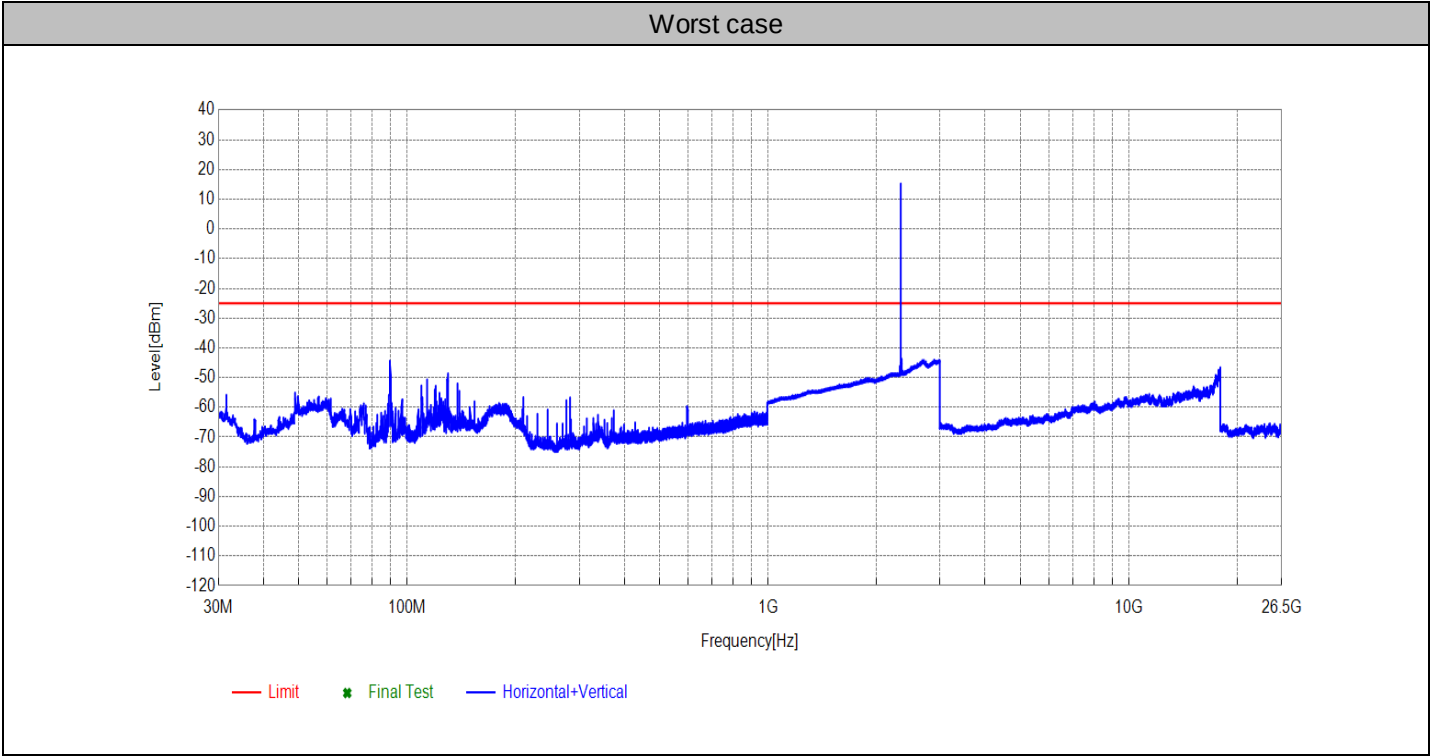
7.1.1.1 Test Bandwidth = 5

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
Band41	LTE/TM1	5	LCH	TN	VL	-1.24316	-0.00050	PASS
					VN	3.52679	0.00141	PASS
					VH	15.98578	0.00640	PASS
			MCH	TN	VL	-6.51442	-0.00251	PASS
					VN	10.68020	0.00412	PASS
					VH	14.27449	0.00551	PASS
			HCH	TN	VL	-0.82548	-0.00031	PASS
					VN	16.64295	0.00619	PASS
					VH	19.56493	0.00728	PASS
		10	LCH	TN	VL	13.13321	0.00525	PASS
					VN	3.19222	0.00128	PASS
					VH	2.34513	0.00094	PASS
			MCH	TN	VL	16.22510	0.00626	PASS
					VN	-9.63065	-0.00371	PASS
					VH	-1.12766	-0.00043	PASS
			HCH	TN	VL	2.33384	0.00087	PASS
					VN	-9.97285	-0.00371	PASS
					VH	0.88643	0.00033	PASS
		15	LCH	TN	VL	4.53864	0.00181	PASS
					VN	32.37900	0.01293	PASS
					VH	-22.93282	-0.00916	PASS
			MCH	TN	VL	5.21945	0.00201	PASS
					VN	3.52698	0.00136	PASS
					VH	-3.47326	-0.00134	PASS
			HCH	TN	VL	-1.93160	-0.00072	PASS
					VN	7.66968	0.00286	PASS
					VH	7.09777	0.00265	PASS
		20	LCH	TN	VL	16.69306	0.00666	PASS
					VN	37.89700	0.01512	PASS
					VH	27.36831	0.01092	PASS
			MCH	TN	VL	0.43452	0.00017	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2				VN	4.46729	0.00172	PASS
					VH	-2.39293	-0.00092	PASS
			HCH	TN	VL	-6.70103	-0.00250	PASS
					VN	7.16167	0.00267	PASS
					VH	-5.63890	-0.00210	PASS
		5	LCH	TN	VL	2.17571	0.00087	PASS
					VN	4.31315	0.00173	PASS
					VH	8.02985	0.00321	PASS
			MCH	TN	VL	-2.00586	-0.00077	PASS
					VN	9.71723	0.00375	PASS
					VH	-17.36363	-0.00670	PASS
			HCH	TN	VL	-6.79177	-0.00253	PASS
					VN	3.04031	0.00113	PASS
					VH	20.38777	0.00759	PASS
		10	LCH	TN	VL	-3.53739	-0.00141	PASS
					VN	11.67620	0.00467	PASS
					VH	27.47318	0.01098	PASS
			MCH	TN	VL	-1.24143	-0.00048	PASS
					VN	5.70402	0.00220	PASS
					VH	8.00752	0.00309	PASS
			HCH	TN	VL	11.81214	0.00440	PASS
					VN	-17.15090	-0.00639	PASS
					VH	10.85897	0.00404	PASS
		15	LCH	TN	VL	19.35711	0.00773	PASS
					VN	-93.20847	-0.03723	PASS
					VH	16.54677	0.00661	PASS
			MCH	TN	VL	2.92314	0.00113	PASS
					VN	4.23025	0.00163	PASS
					VH	4.37335	0.00169	PASS
			HCH	TN	VL	3.99570	0.00149	PASS
					VN	-4.98284	-0.00186	PASS
					VH	-4.31167	-0.00161	PASS
		20	LCH	TN	VL	98.29800	0.03923	PASS
					VN	50.99813	0.02035	PASS
					VH	40.25816	0.01606	PASS
			MCH	TN	VL	-6.05709	-0.00234	PASS
					VN	-0.27000	-0.00010	PASS
					VH	-3.15888	-0.00122	PASS
			HCH	TN	VL	6.48973	0.00242	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-0.17862	-0.00007	PASS
					VH	-2.18676	-0.00082	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
Band41	LTE/TM1	5	LCH	VN	-30	8.12899	0.00325	PASS
					-20	6.37903	0.00255	PASS
					-10	9.12384	0.00365	PASS
					0	20.06099	0.00803	PASS
					10	3.58892	0.00144	PASS
					20	3.52679	0.00141	PASS
					30	-2.50024	-0.00100	PASS
					40	-0.16870	-0.00007	PASS
					50	-0.05108	-0.00002	PASS
			MCH	VN	-30	21.82507	0.00842	PASS
					-20	20.70889	0.00799	PASS
					-10	-14.35707	-0.00554	PASS
					0	7.60432	0.00293	PASS
					10	10.01167	0.00386	PASS
					20	10.68020	0.00412	PASS
					30	-3.26035	-0.00126	PASS
					40	-0.51025	-0.00020	PASS
					50	-30.66541	-0.01183	PASS
			HCH	VN	-30	6.33660	0.00236	PASS
					-20	0.58232	0.00022	PASS
					-10	-2.85120	-0.00106	PASS
					0	4.82083	0.00179	PASS
					10	10.93837	0.00407	PASS
					20	16.64295	0.00619	PASS
					30	-6.92179	-0.00258	PASS
					40	15.79318	0.00588	PASS
					50	-11.91371	-0.00443	PASS
		10	LCH	VN	-30	-4.69178	-0.00188	PASS
					-20	33.10687	0.01324	PASS
					-10	-3.92593	-0.00157	PASS
					0	8.75278	0.00350	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	61.28864	0.02451	PASS
					20	3.19222	0.00128	PASS
					30	-6.09121	-0.00244	PASS
					40	9.02426	0.00361	PASS
					50	-1.43346	-0.00057	PASS
			MCH	VN	-30	-1.61969	-0.00062	PASS
					-20	-8.45527	-0.00326	PASS
					-10	-1.14164	-0.00044	PASS
					0	-11.24558	-0.00434	PASS
					10	-12.74319	-0.00491	PASS
					20	-9.63065	-0.00371	PASS
					30	8.02714	0.00310	PASS
					40	-0.51372	-0.00020	PASS
					50	-3.59945	-0.00139	PASS
			HCH	VN	-30	2.28342	0.00085	PASS
					-20	-2.01582	-0.00075	PASS
					-10	-2.82251	-0.00105	PASS
					0	8.62661	0.00321	PASS
					10	5.30318	0.00198	PASS
					20	-9.97285	-0.00371	PASS
					30	-3.70072	-0.00138	PASS
					40	-0.35838	-0.00013	PASS
					50	6.42570	0.00239	PASS
		15	LCH	VN	-30	-38.17184	-0.01525	PASS
					-20	23.23400	0.00928	PASS
					-10	-43.25398	-0.01728	PASS
					0	-124.06480	-0.04956	PASS
					10	-23.51611	-0.00939	PASS
					20	32.37900	0.01293	PASS
					30	-59.45222	-0.02375	PASS
					40	-27.05627	-0.01081	PASS
					50	46.71956	0.01866	PASS
			MCH	VN	-30	-3.55740	-0.00137	PASS
					-20	16.76109	0.00646	PASS
					-10	-1.01677	-0.00039	PASS
					0	-5.19423	-0.00200	PASS
					10	1.24968	0.00048	PASS
					20	3.52698	0.00136	PASS
					30	3.73604	0.00144	PASS
					40	1.29802	0.00050	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	VN	50	-3.80985	-0.00147	PASS
					-30	0.29104	0.00011	PASS
					-20	-3.84011	-0.00143	PASS
					-10	4.15810	0.00155	PASS
					0	3.72168	0.00139	PASS
					10	2.92309	0.00109	PASS
					20	7.66968	0.00286	PASS
					30	-2.17968	-0.00081	PASS
					40	2.67947	0.00100	PASS
					50	7.74921	0.00289	PASS
		20	LCH	VN	-30	14.81598	0.00591	PASS
					-20	9.95484	0.00397	PASS
					-10	-38.33315	-0.01530	PASS
					0	73.82937	0.02946	PASS
					10	20.67883	0.00825	PASS
					20	37.89700	0.01512	PASS
					30	4.48444	0.00179	PASS
					40	25.38473	0.01013	PASS
					50	-14.35286	-0.00573	PASS
			MCH	VN	-30	3.15878	0.00122	PASS
					-20	-2.49793	-0.00096	PASS
					-10	2.00387	0.00077	PASS
					0	-3.30115	-0.00127	PASS
					10	3.48052	0.00134	PASS
					20	4.46729	0.00172	PASS
					30	-4.39920	-0.00170	PASS
					40	7.69723	0.00297	PASS
					50	-3.33822	-0.00129	PASS
			HCH	VN	-30	1.06104	0.00040	PASS
					-20	6.05058	0.00226	PASS
					-10	-0.31240	-0.00012	PASS
					0	-0.59697	-0.00022	PASS
					10	2.79370	0.00104	PASS
					20	7.16167	0.00267	PASS
					30	4.96636	0.00185	PASS
					40	9.88727	0.00369	PASS
					50	-1.28839	-0.00048	PASS
	LTE/TM2	5	LCH	VN	-30	23.14095	0.00926	PASS
					-20	4.63078	0.00185	PASS
					-10	20.08959	0.00804	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	-0.38336	-0.00015	PASS
					10	-7.58945	-0.00304	PASS
					20	4.31315	0.00173	PASS
					30	9.45202	0.00378	PASS
					40	-2.81346	-0.00113	PASS
					50	10.37880	0.00415	PASS
			MCH	VN	-30	5.26125	0.00203	PASS
					-20	-0.20087	-0.00008	PASS
					-10	4.05042	0.00156	PASS
					0	6.80952	0.00263	PASS
					10	-14.13106	-0.00545	PASS
					20	9.71723	0.00375	PASS
					30	-8.70894	-0.00336	PASS
					40	5.70517	0.00220	PASS
					50	11.47173	0.00442	PASS
			HCH	VN	-30	5.11999	0.00191	PASS
					-20	-7.06299	-0.00263	PASS
					-10	-3.73778	-0.00139	PASS
					0	21.55227	0.00802	PASS
					10	20.84298	0.00776	PASS
					20	3.04031	0.00113	PASS
					30	24.85496	0.00925	PASS
					40	21.73811	0.00809	PASS
					50	5.73994	0.00214	PASS
		10	LCH	VN	-30	24.40284	0.00976	PASS
					-20	7.78583	0.00311	PASS
					-10	19.41936	0.00776	PASS
					0	-0.05831	-0.00002	PASS
					10	4.44113	0.00178	PASS
					20	11.67620	0.00467	PASS
					30	-8.86657	-0.00355	PASS
					40	14.79306	0.00591	PASS
			MCH	VN	50	-3.42726	-0.00137	PASS
					-30	0.22800	0.00009	PASS
					-20	1.30198	0.00050	PASS
					-10	-6.07500	-0.00234	PASS
					0	0.04819	0.00002	PASS
					10	1.89517	0.00073	PASS
					20	5.70402	0.00220	PASS
					30	-15.81901	-0.00610	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	11.17088	0.00431	PASS
					50	-1.17317	-0.00045	PASS
			HCH	VN	-30	-14.35203	-0.00535	PASS
					-20	10.10255	0.00376	PASS
					-10	-1.71452	-0.00064	PASS
					0	-2.39996	-0.00089	PASS
					10	6.34205	0.00236	PASS
					20	-17.15090	-0.00639	PASS
					30	2.04882	0.00076	PASS
					40	-0.10226	-0.00004	PASS
					50	-15.99740	-0.00596	PASS
		15	LCH	VN	-30	73.51029	0.02936	PASS
					-20	-12.65139	-0.00505	PASS
					-10	-8.69424	-0.00347	PASS
					0	-28.43719	-0.01136	PASS
					10	-116.06200	-0.04636	PASS
					20	-93.20847	-0.03723	PASS
					30	-0.47939	-0.00019	PASS
					40	-14.02112	-0.00560	PASS
					50	-2.58050	-0.00103	PASS
			MCH	VN	-30	6.52877	0.00252	PASS
					-20	3.89171	0.00150	PASS
					-10	-12.67772	-0.00489	PASS
					0	0.24317	0.00009	PASS
					10	6.30220	0.00243	PASS
					20	4.23025	0.00163	PASS
					30	-4.52868	-0.00175	PASS
					40	3.20965	0.00124	PASS
					50	-0.78585	-0.00030	PASS
			HCH	VN	-30	-0.59860	-0.00022	PASS
					-20	1.45824	0.00054	PASS
					-10	10.89325	0.00406	PASS
					0	1.95131	0.00073	PASS
					10	6.36420	0.00237	PASS
					20	-4.98284	-0.00186	PASS
					30	-2.67495	-0.00100	PASS
					40	3.06618	0.00114	PASS
					50	-2.85962	-0.00107	PASS
		20	LCH	VN	-30	19.22758	0.00767	PASS
					-20	22.12706	0.00883	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	18.55566	0.00740	PASS
					0	12.42884	0.00496	PASS
					10	65.19103	0.02601	PASS
					20	50.99813	0.02035	PASS
					30	-20.93303	-0.00835	PASS
					40	-2.85937	-0.00114	PASS
					50	18.32572	0.00731	PASS
			MCH	VN	-30	-4.46567	-0.00172	PASS
					-20	-5.39844	-0.00208	PASS
					-10	0.90882	0.00035	PASS
					0	5.40858	0.00209	PASS
					10	-7.50325	-0.00289	PASS
					20	-0.27000	-0.00010	PASS
					30	-8.79208	-0.00339	PASS
					40	-1.63322	-0.00063	PASS
					50	-3.29304	-0.00127	PASS
			HCH	VN	-30	0.57247	0.00021	PASS
					-20	0.50103	0.00019	PASS
					-10	4.64221	0.00173	PASS
					0	9.69868	0.00362	PASS
					10	3.48122	0.00130	PASS
					20	-0.17862	-0.00007	PASS
					30	4.67464	0.00174	PASS
					40	2.71716	0.00101	PASS
					50	5.14068	0.00192	PASS

END