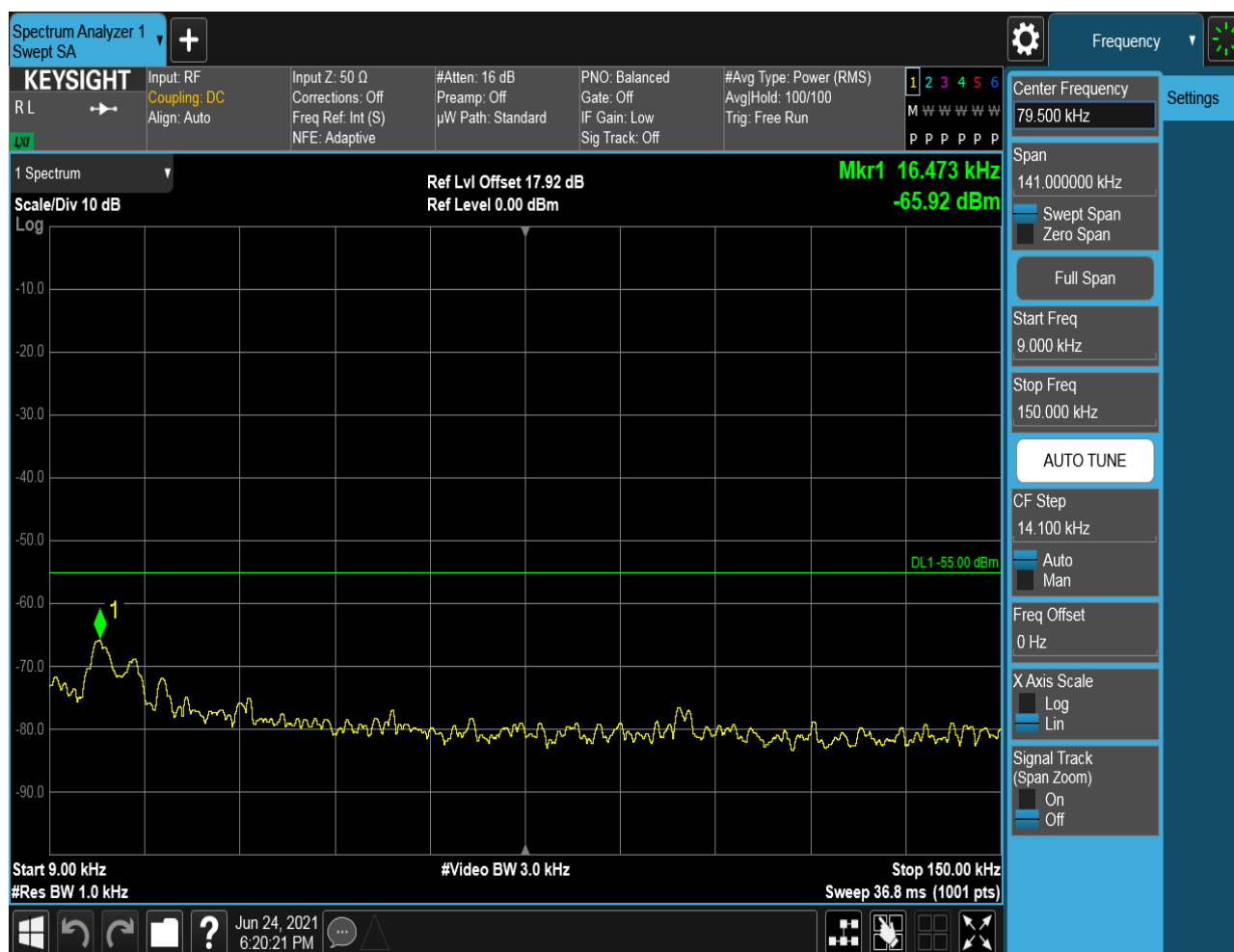
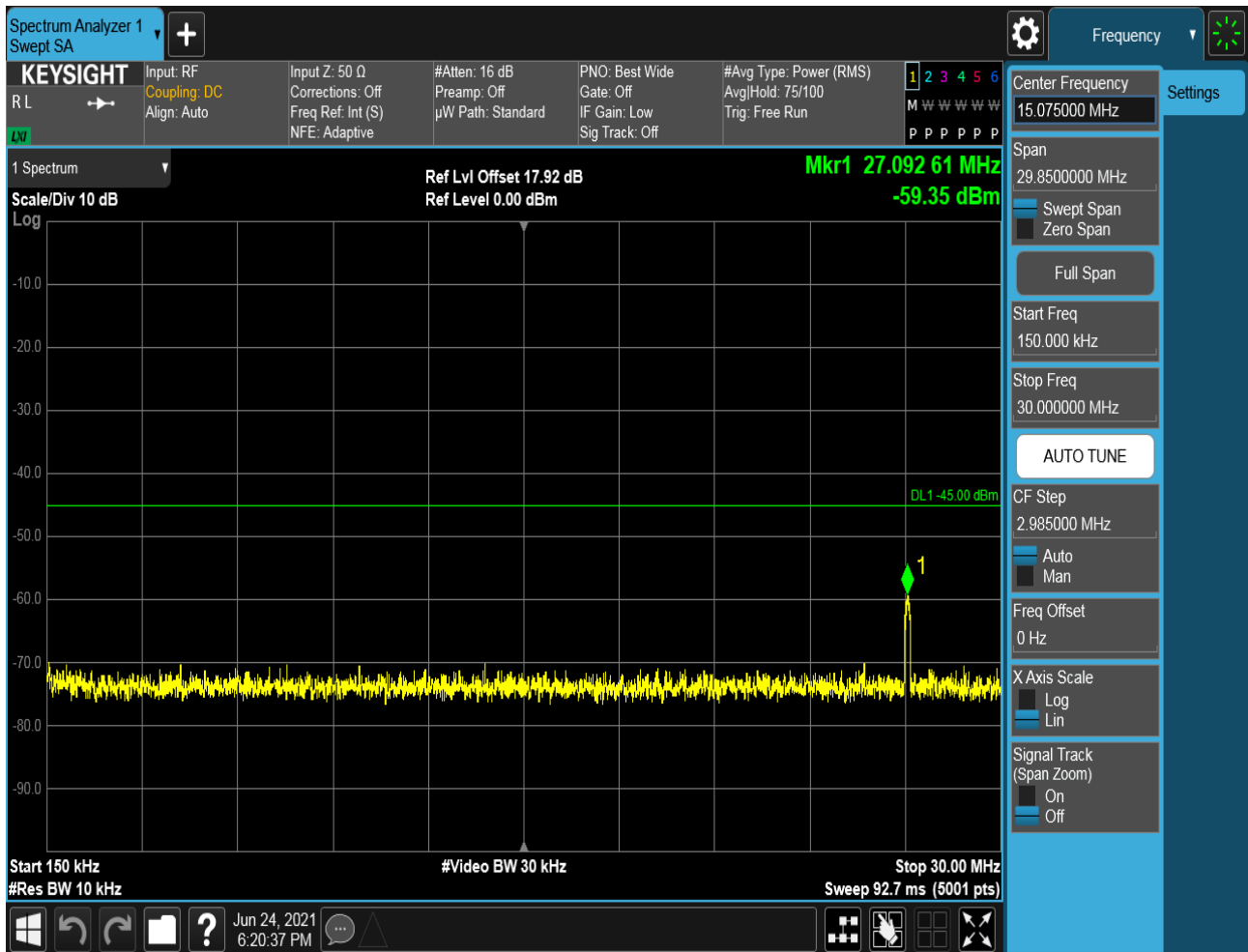
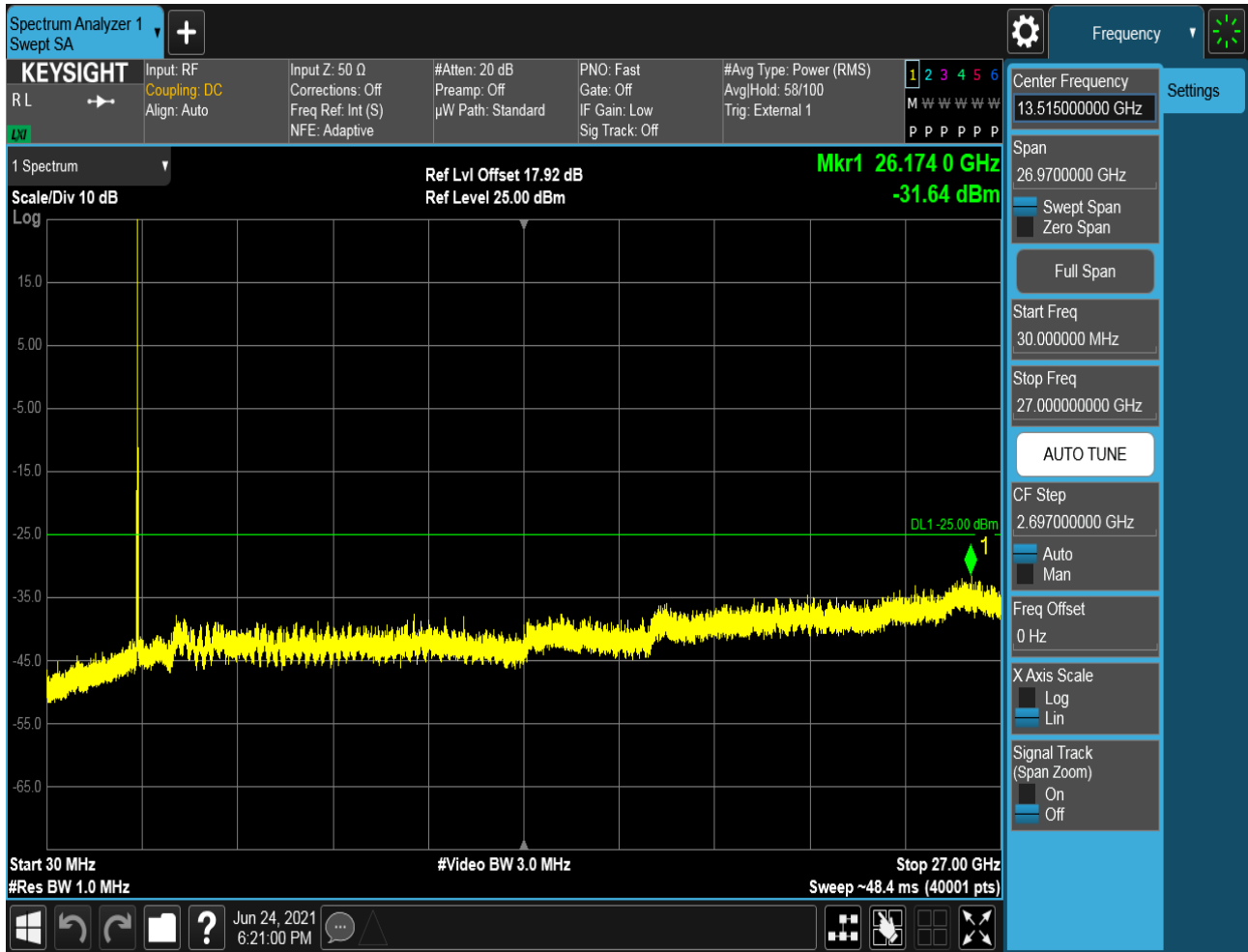


6.2.1.1.3.2 Test Channel = MCH

6.2.1.1.3.2.1 Test RB = RB1#0



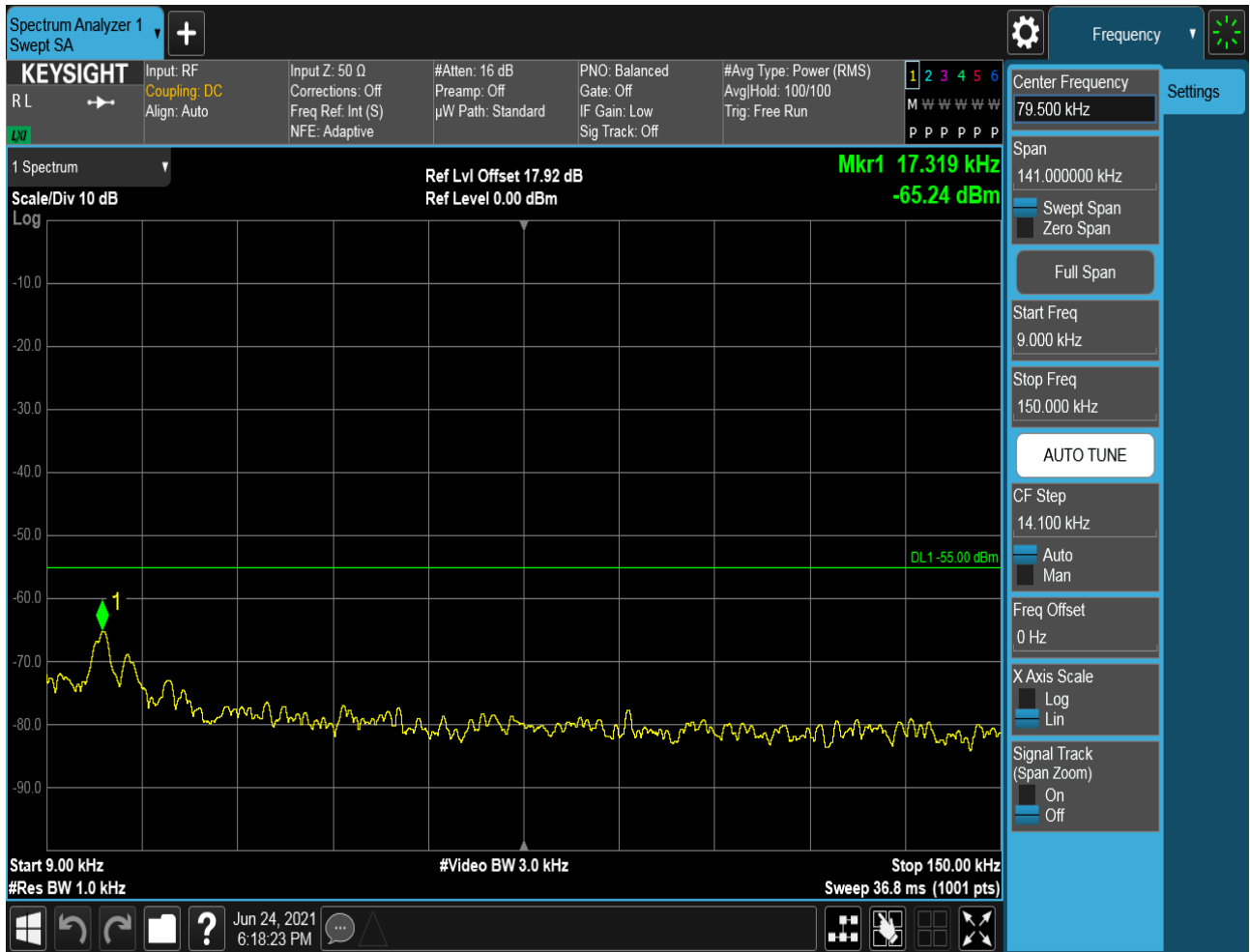


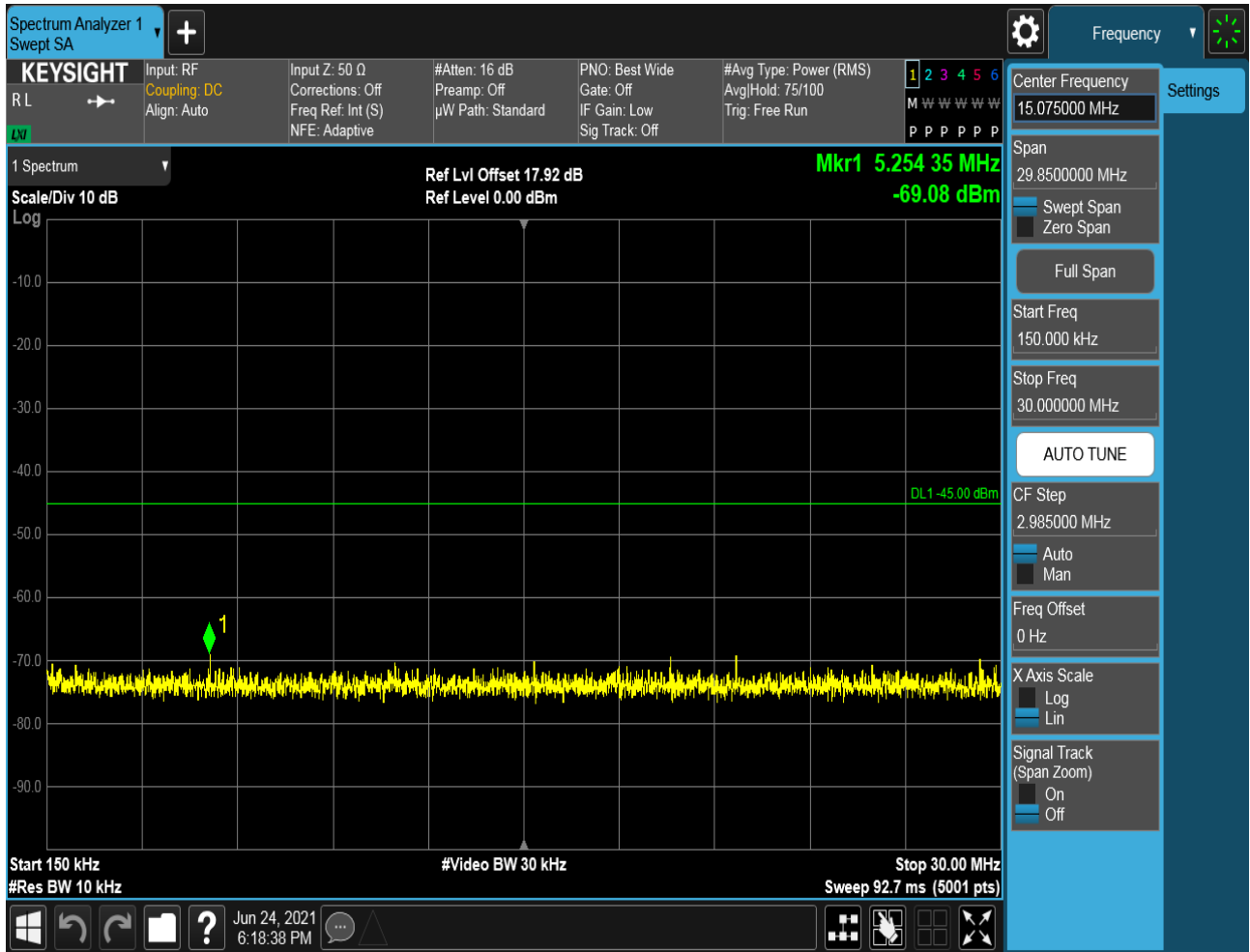


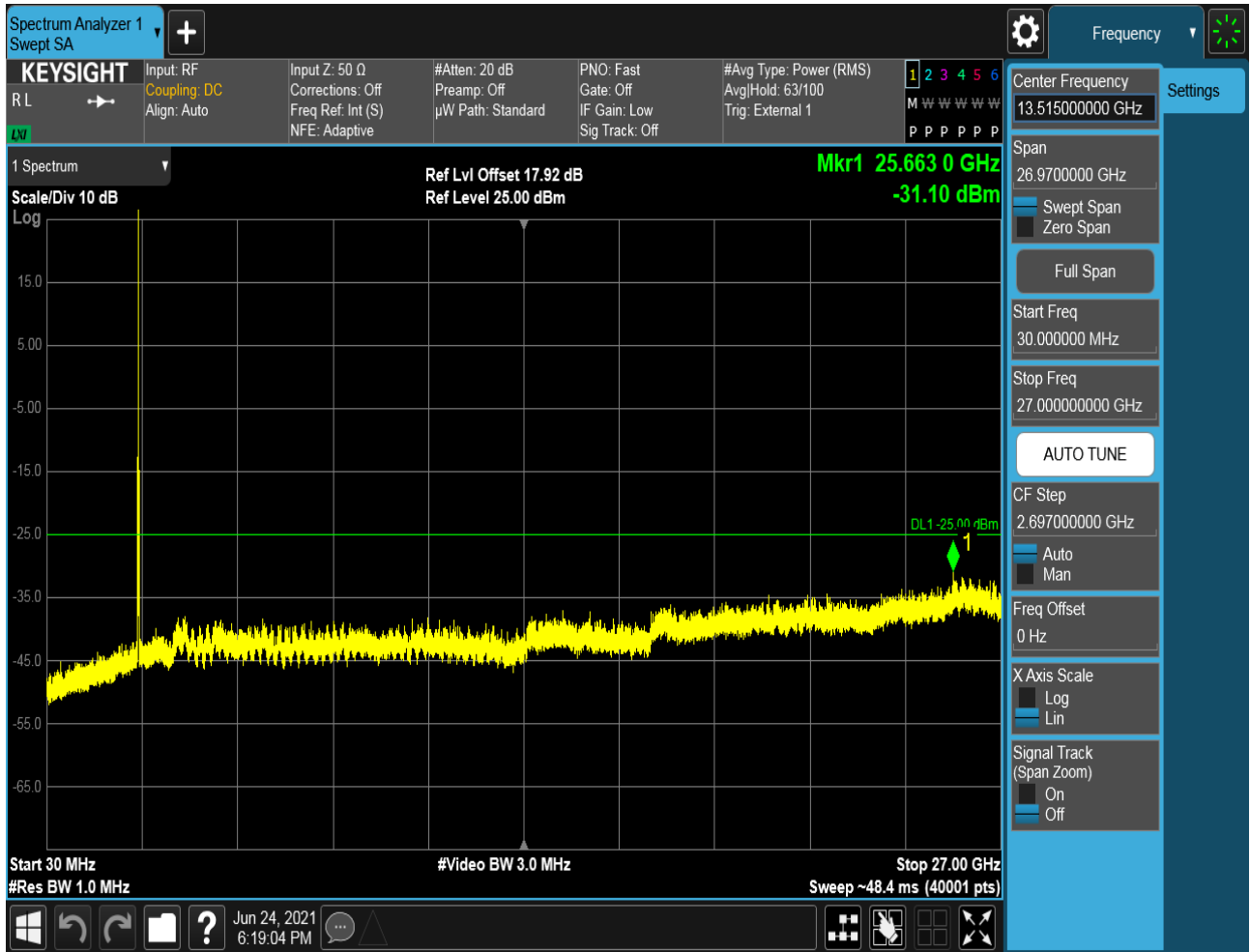


6.2.1.1.3.3 Test Channel = HCH

6.2.1.1.3.3.1 Test RB = RB1#0



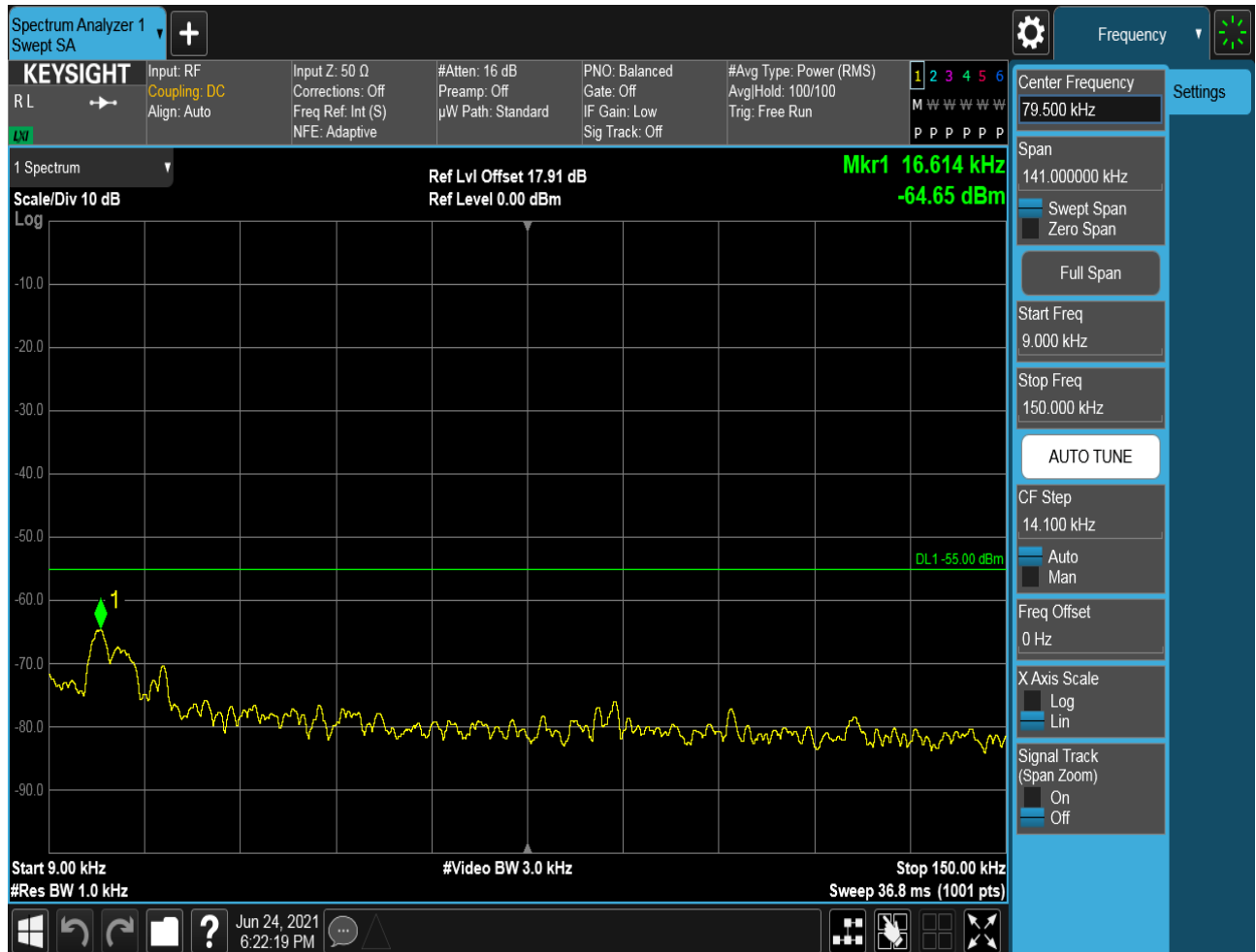


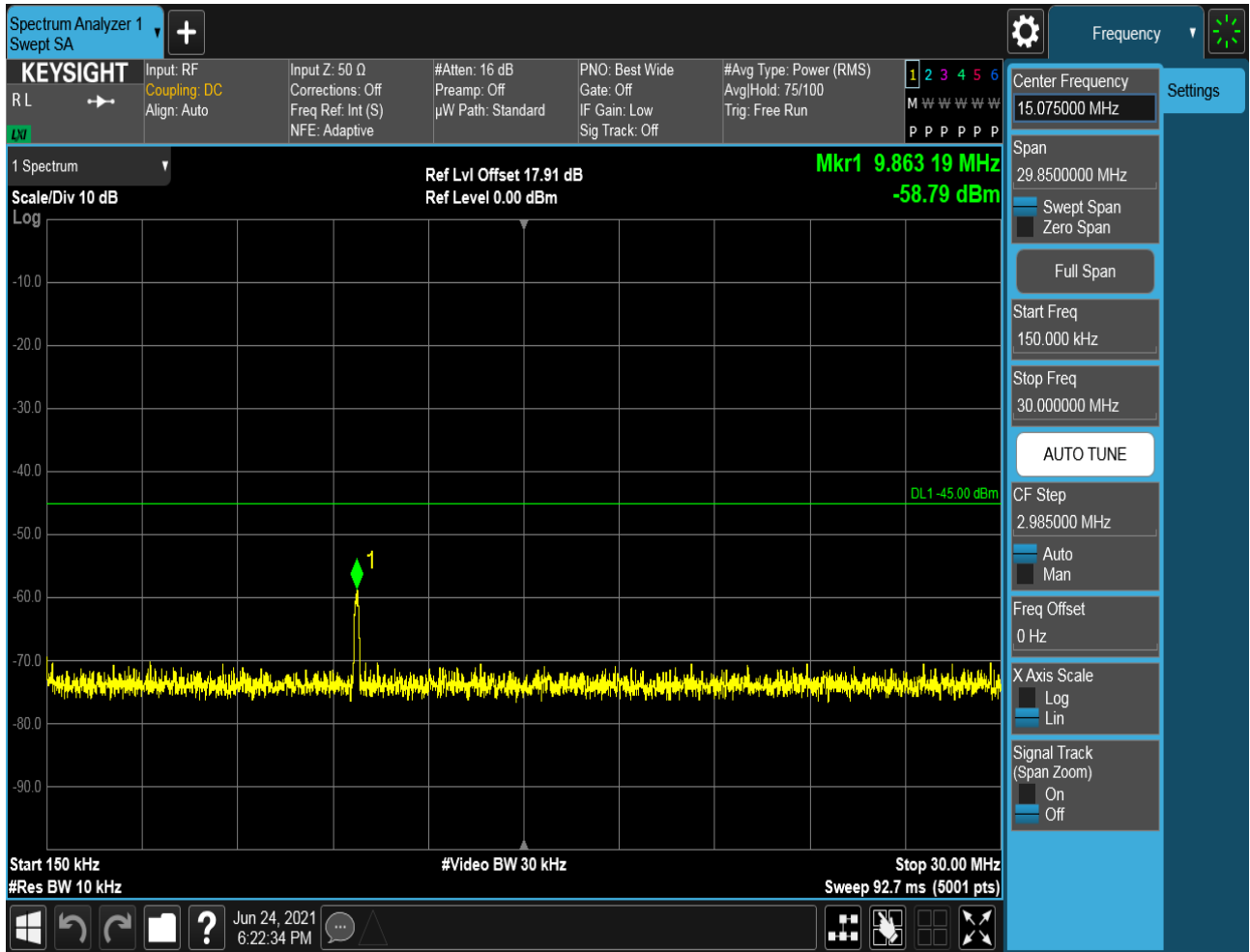


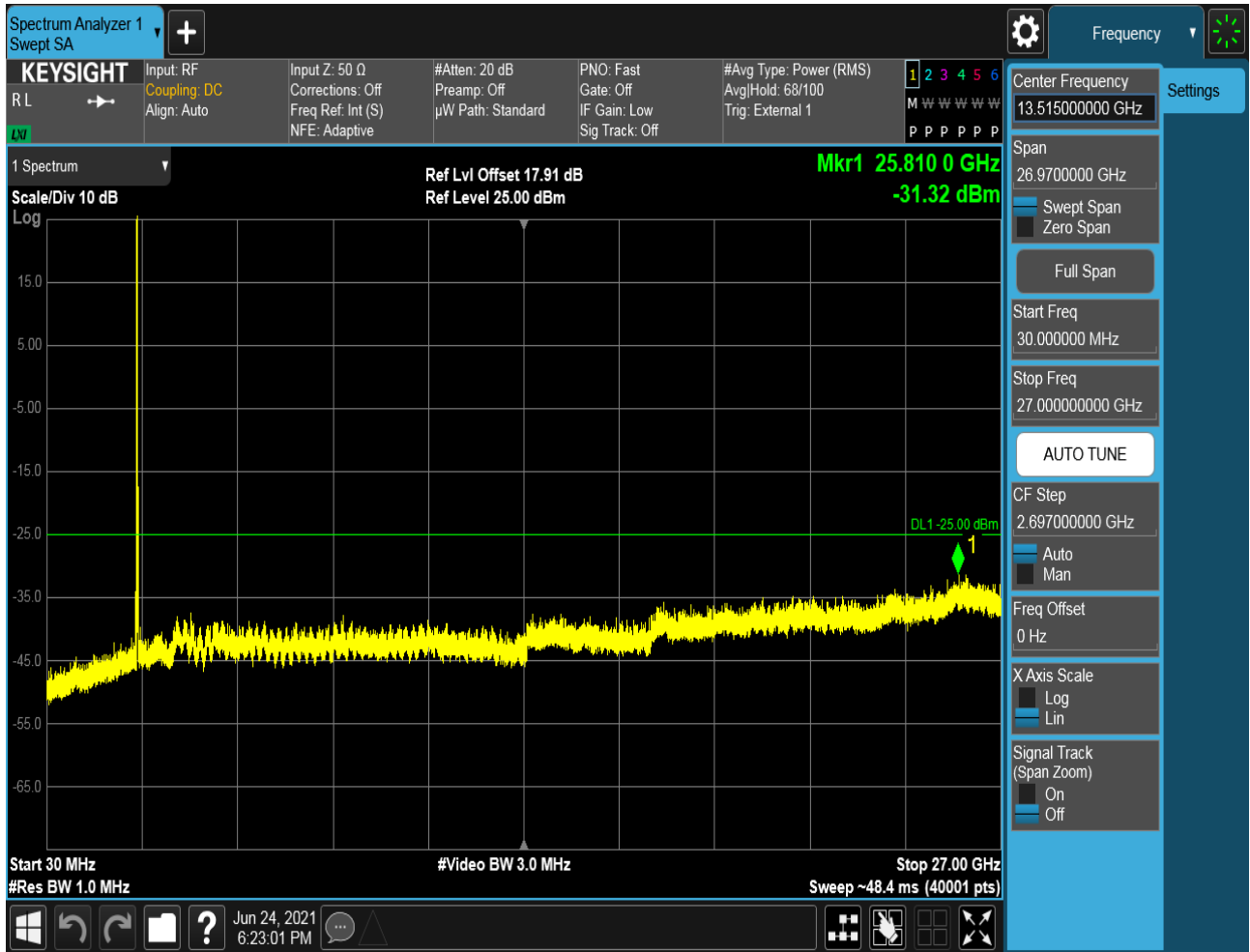
6.2.1.1.4 Test Bandwidth = 20MHz

6.2.1.1.4.1 Test Channel = LCH

6.2.1.1.4.1.1 Test RB = RB1#0



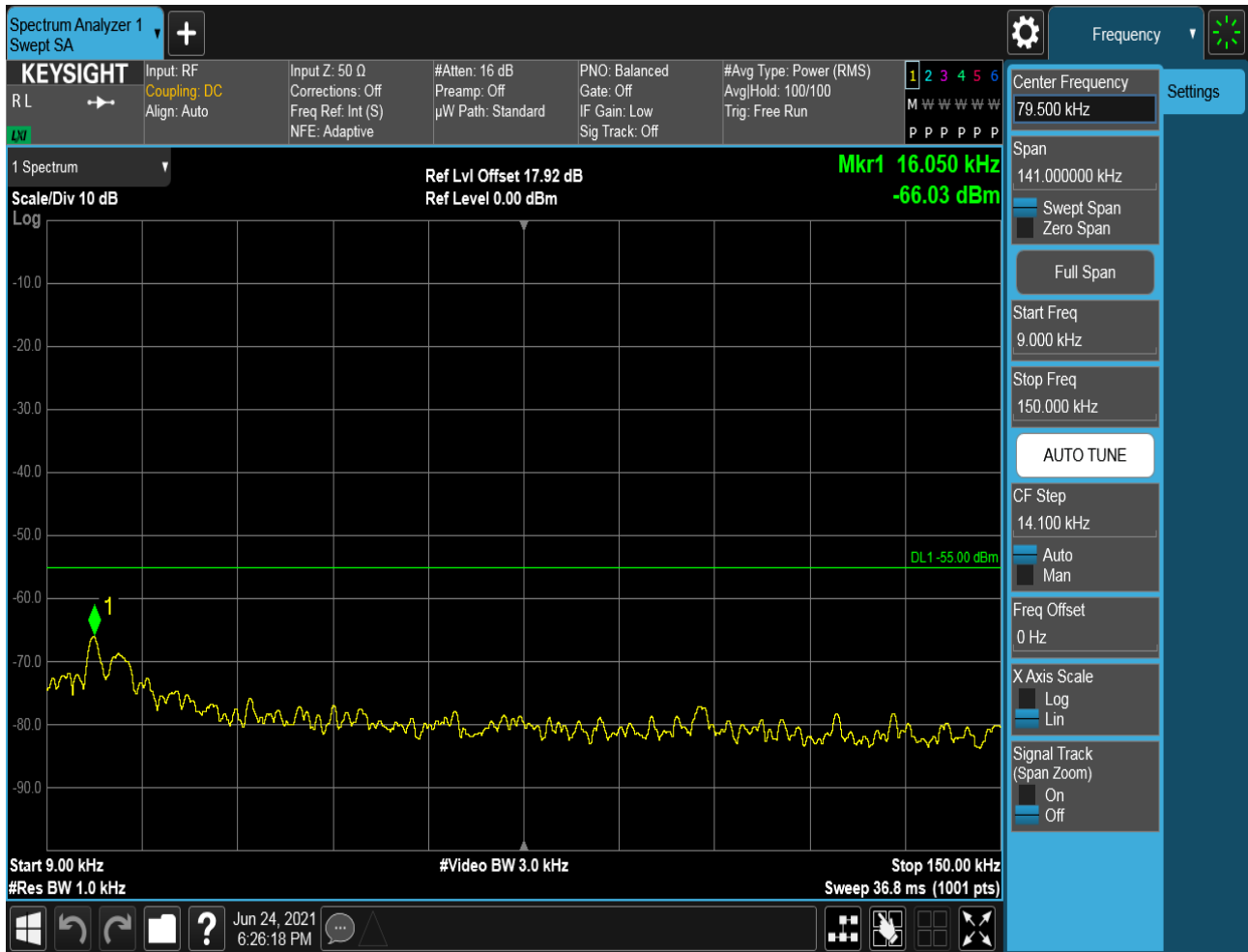


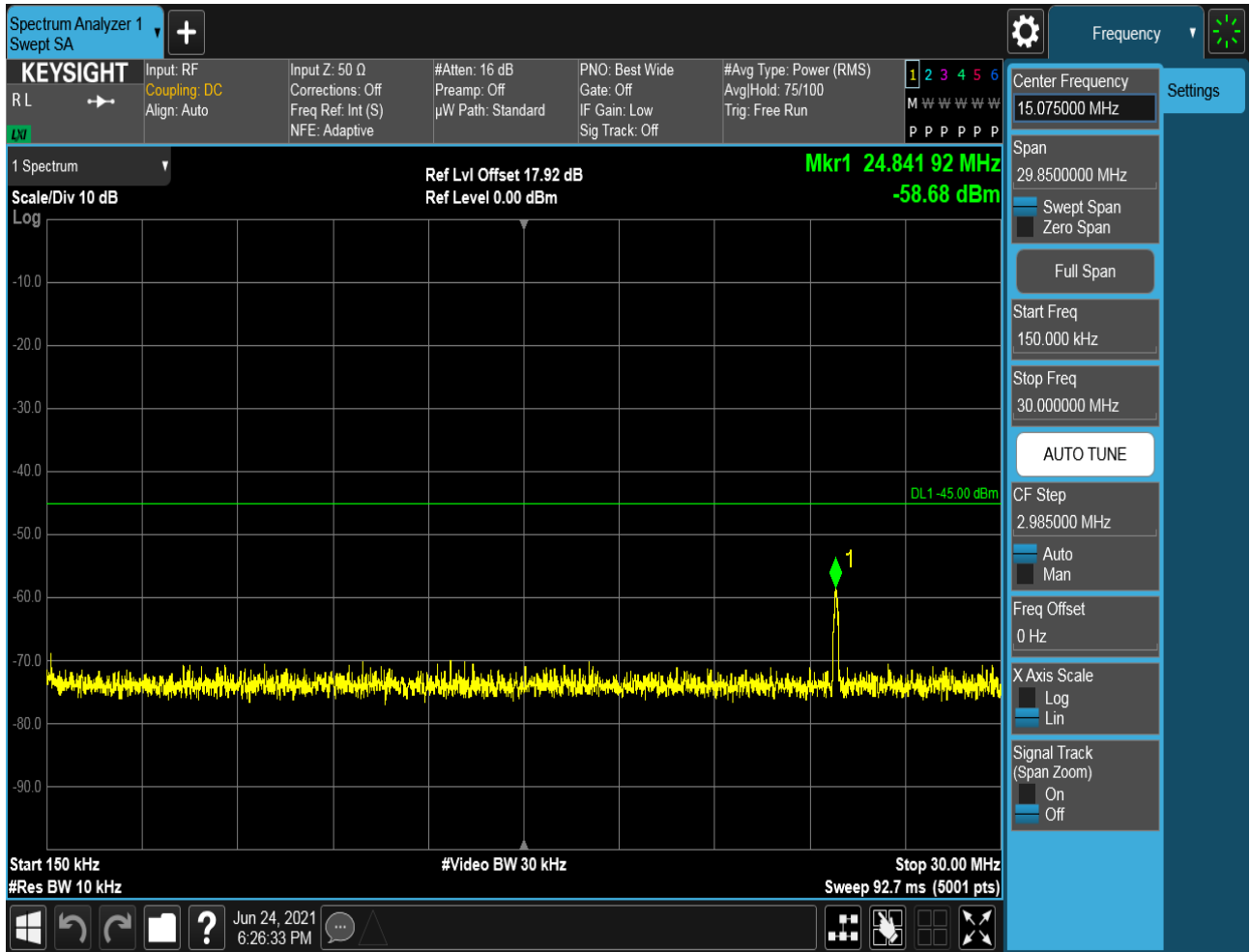


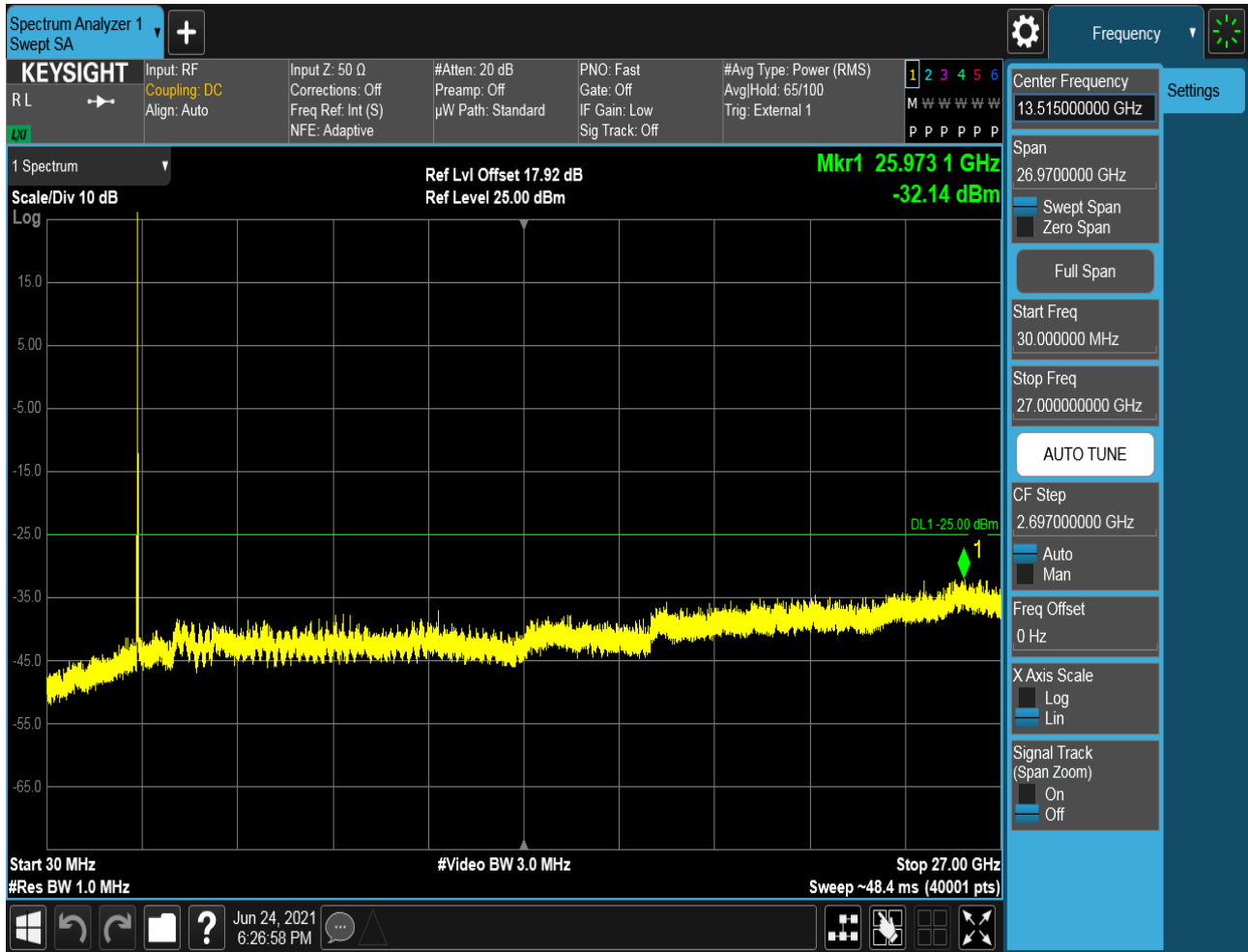


6.2.1.1.4.2 Test Channel = MCH

6.2.1.1.4.2.1 Test RB = RB1#0



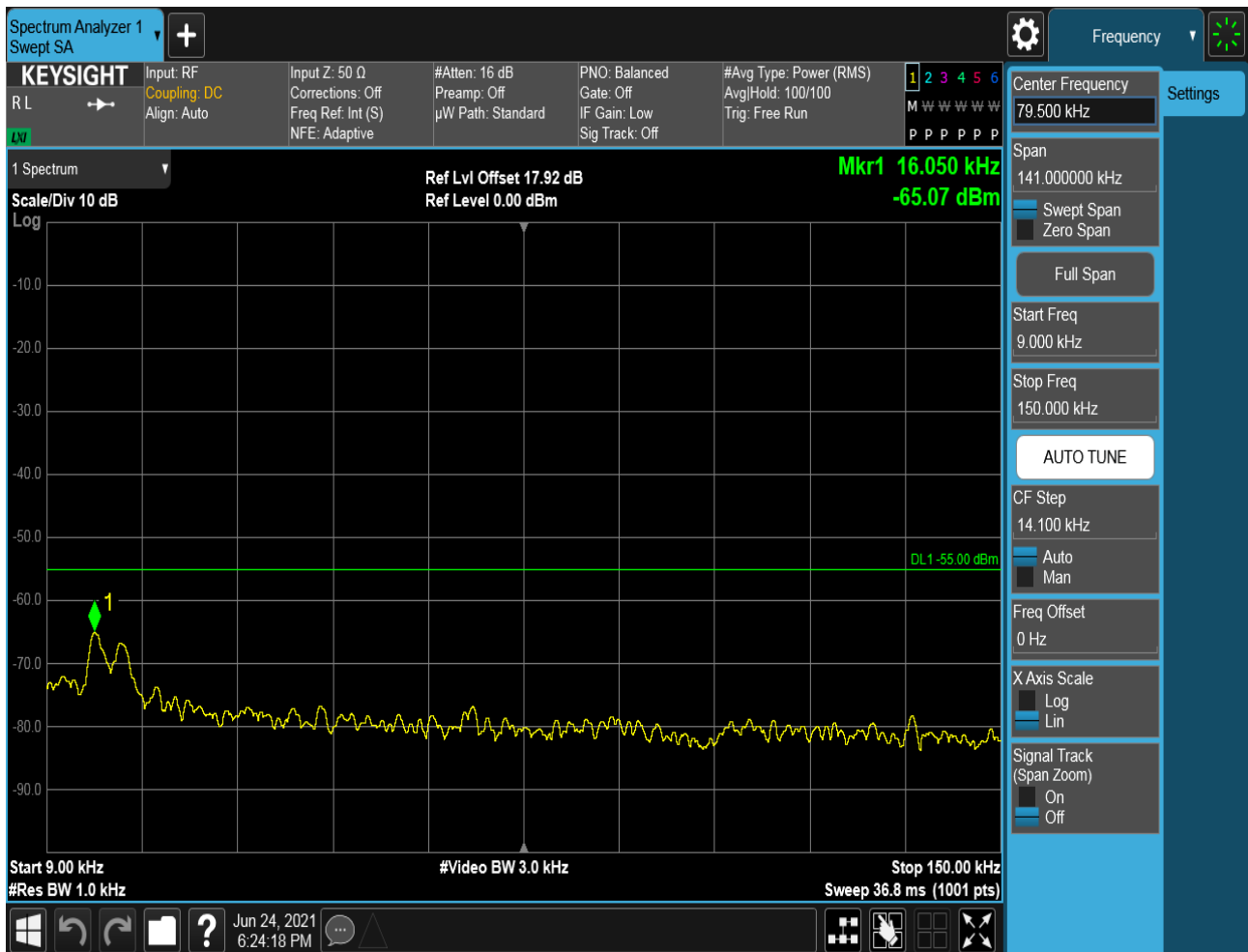


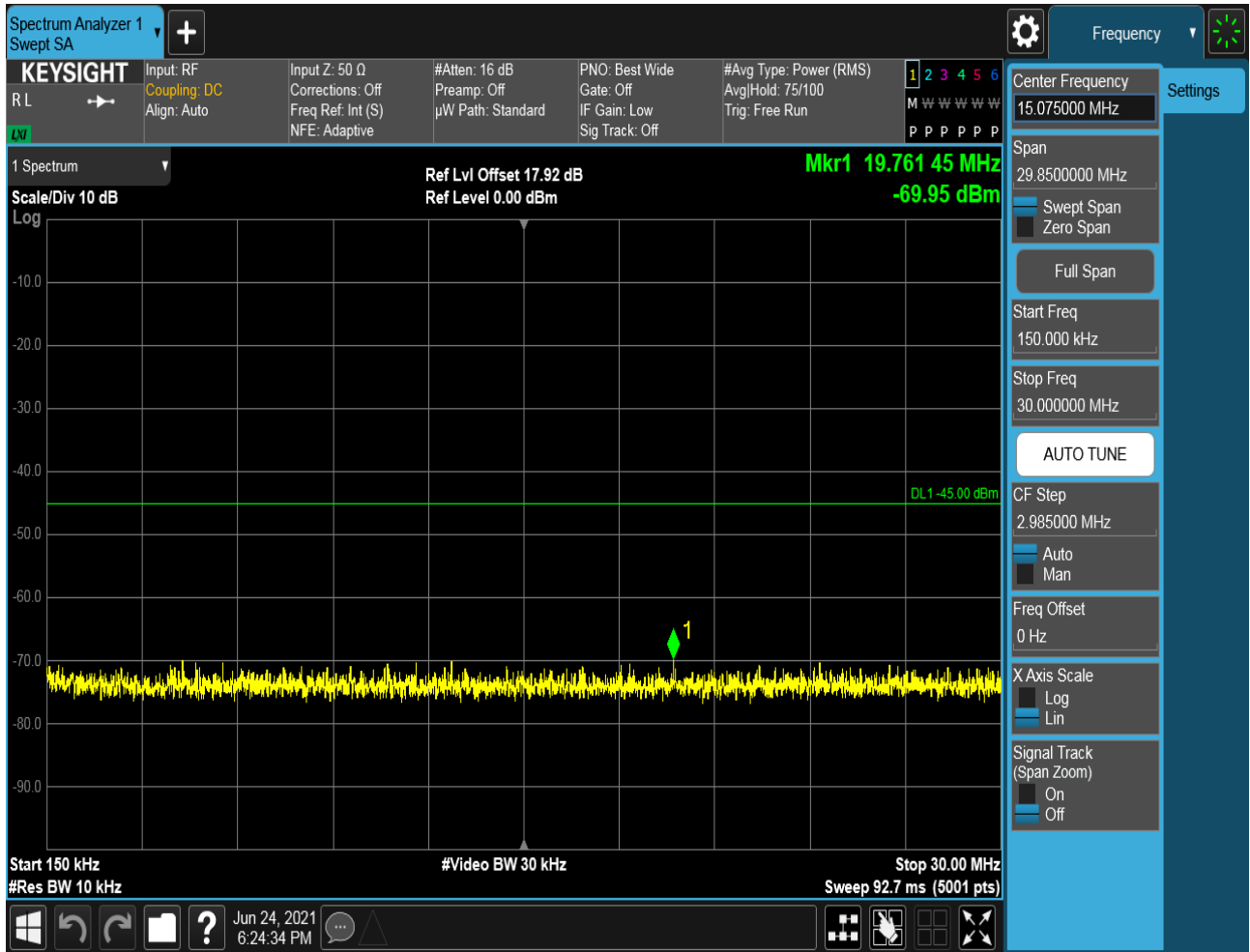


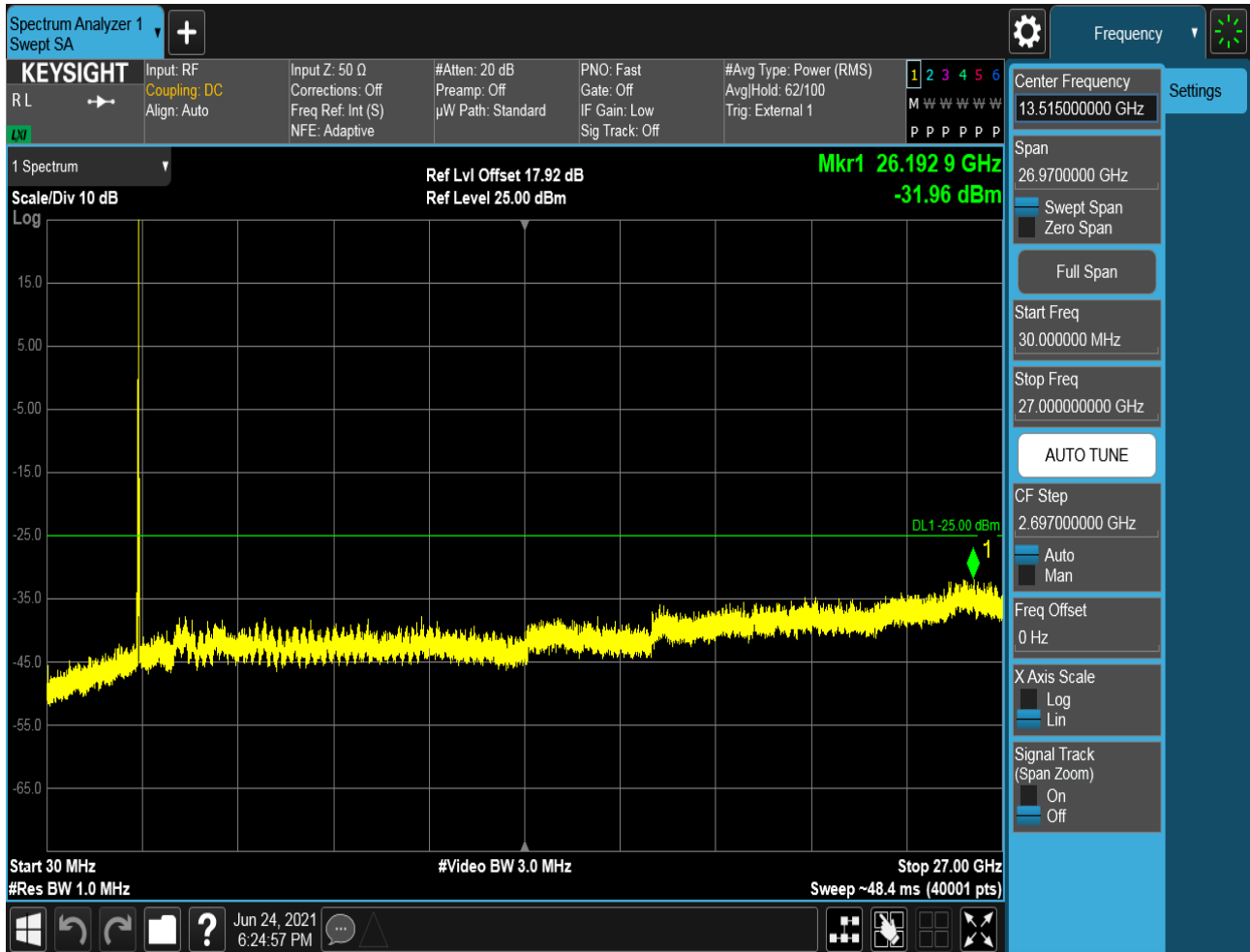


6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0







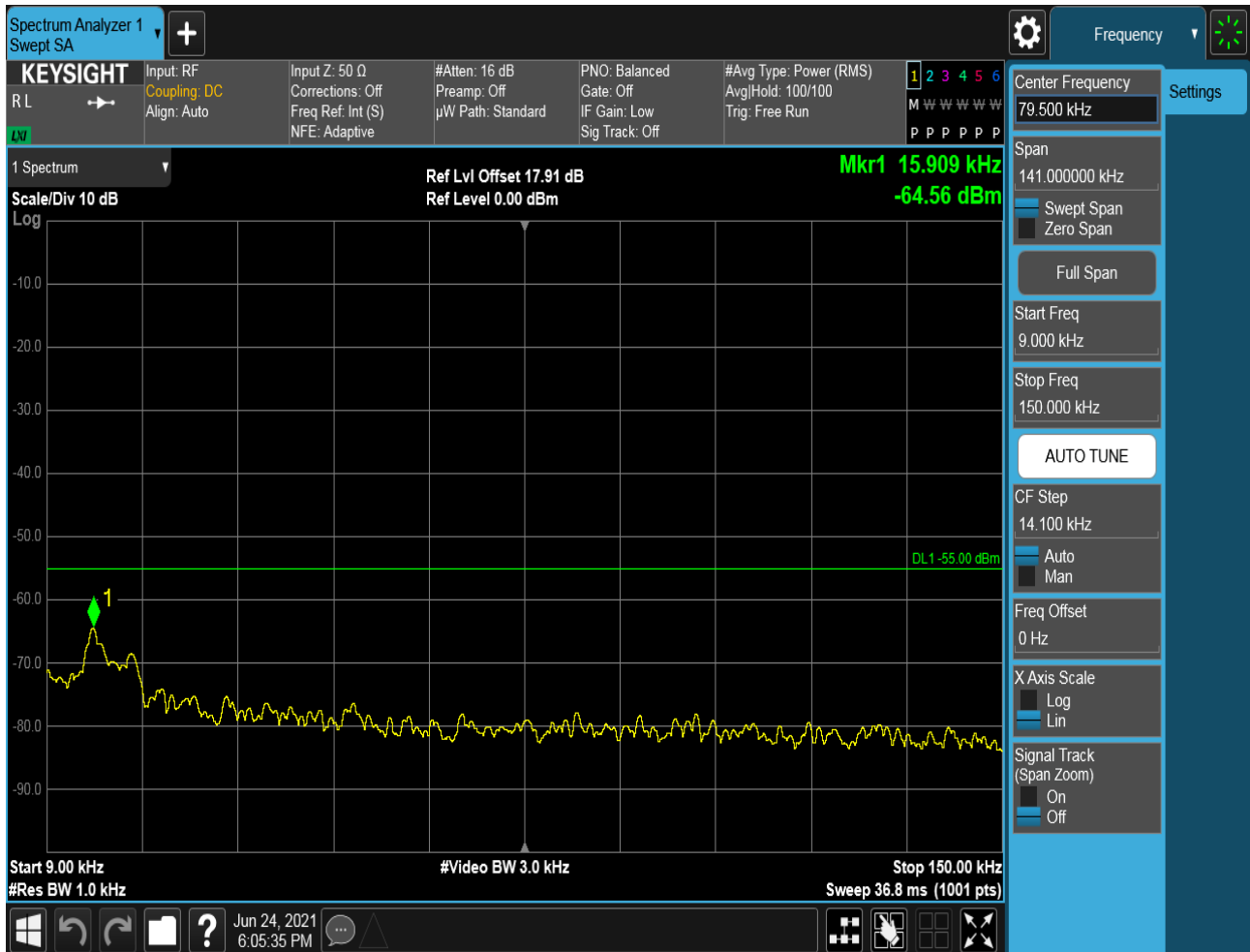


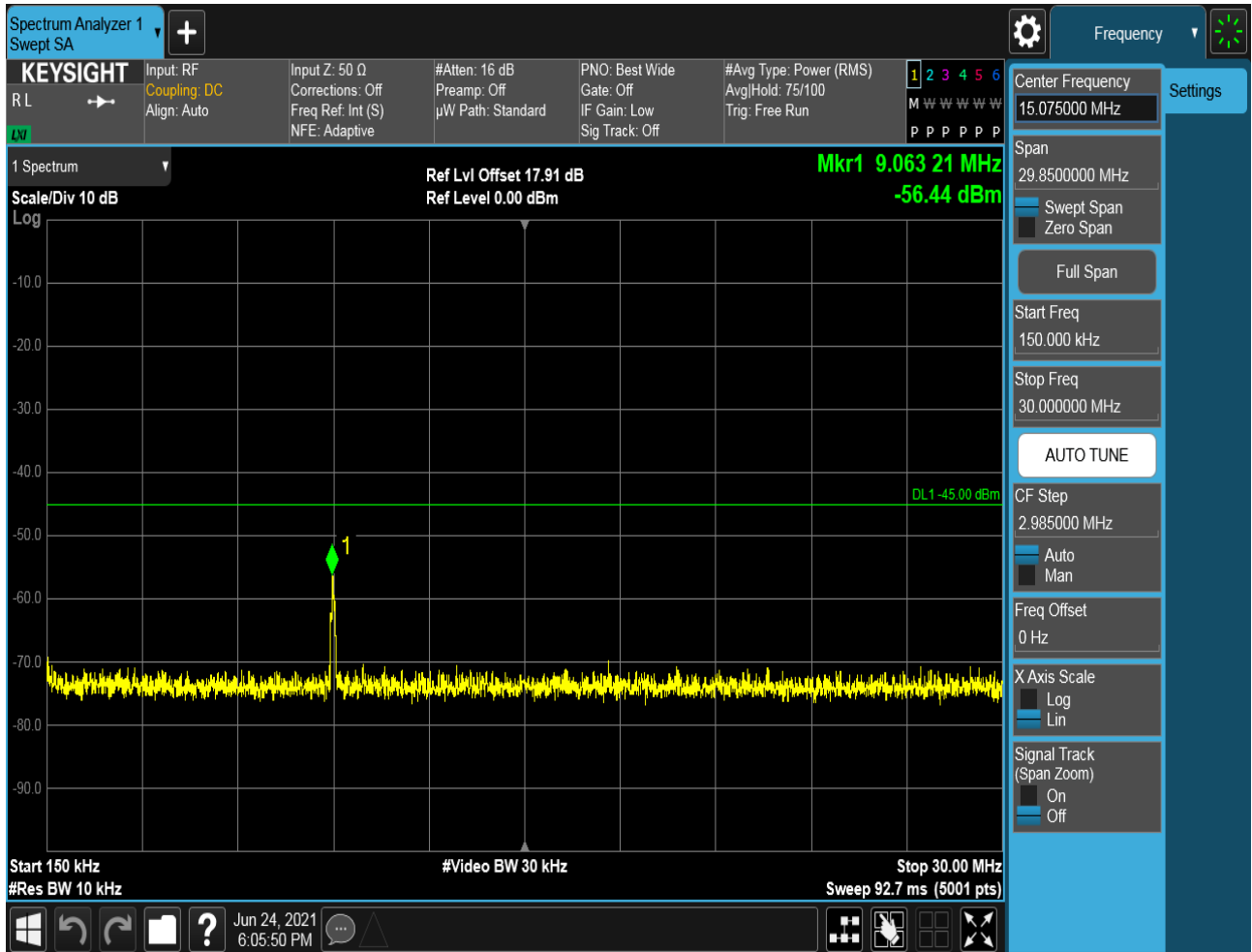
6.2.1.2 Test Mode = LTE/TM2

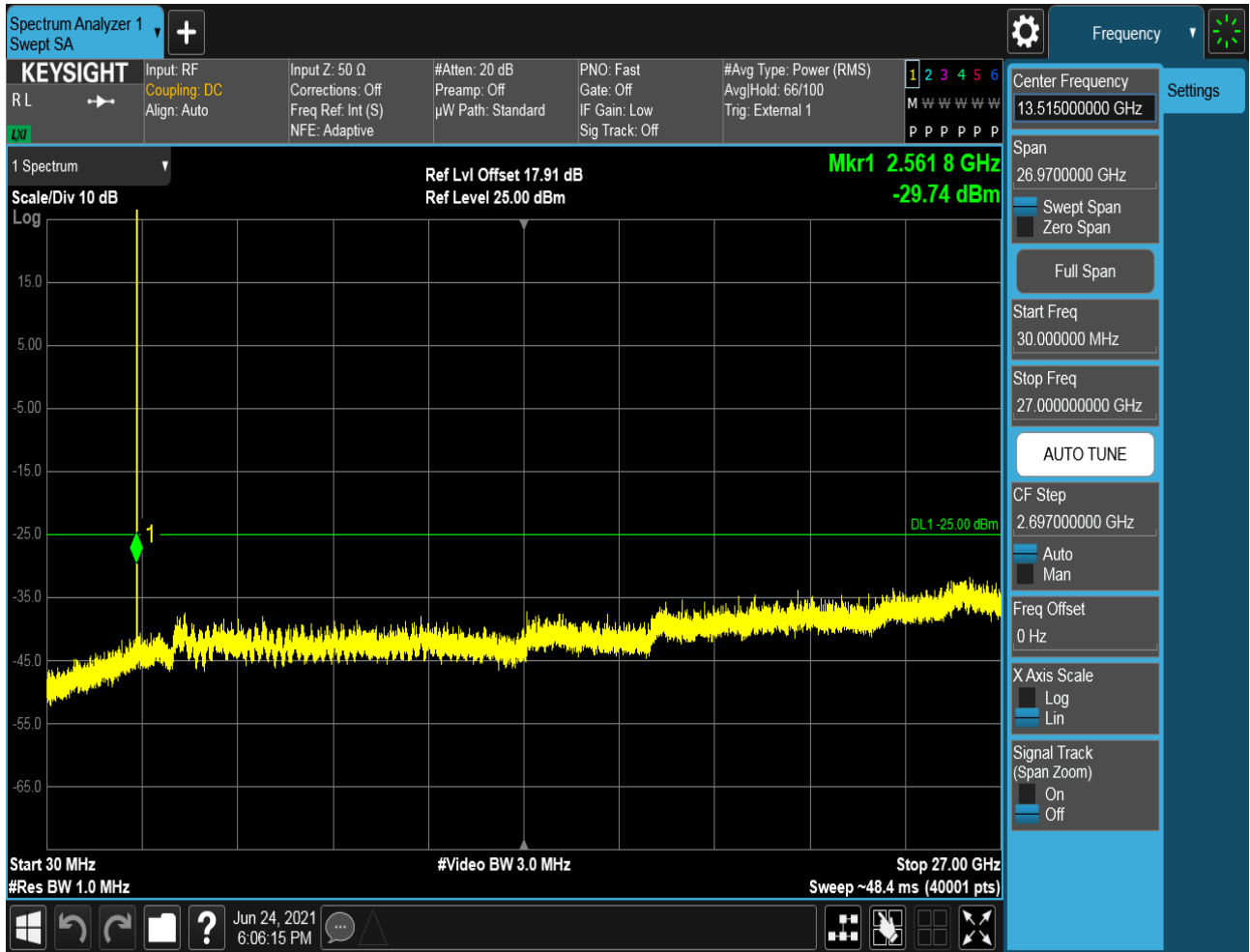
6.2.1.2.1 Test Bandwidth = 5MHz

6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 Test RB = RB1#0



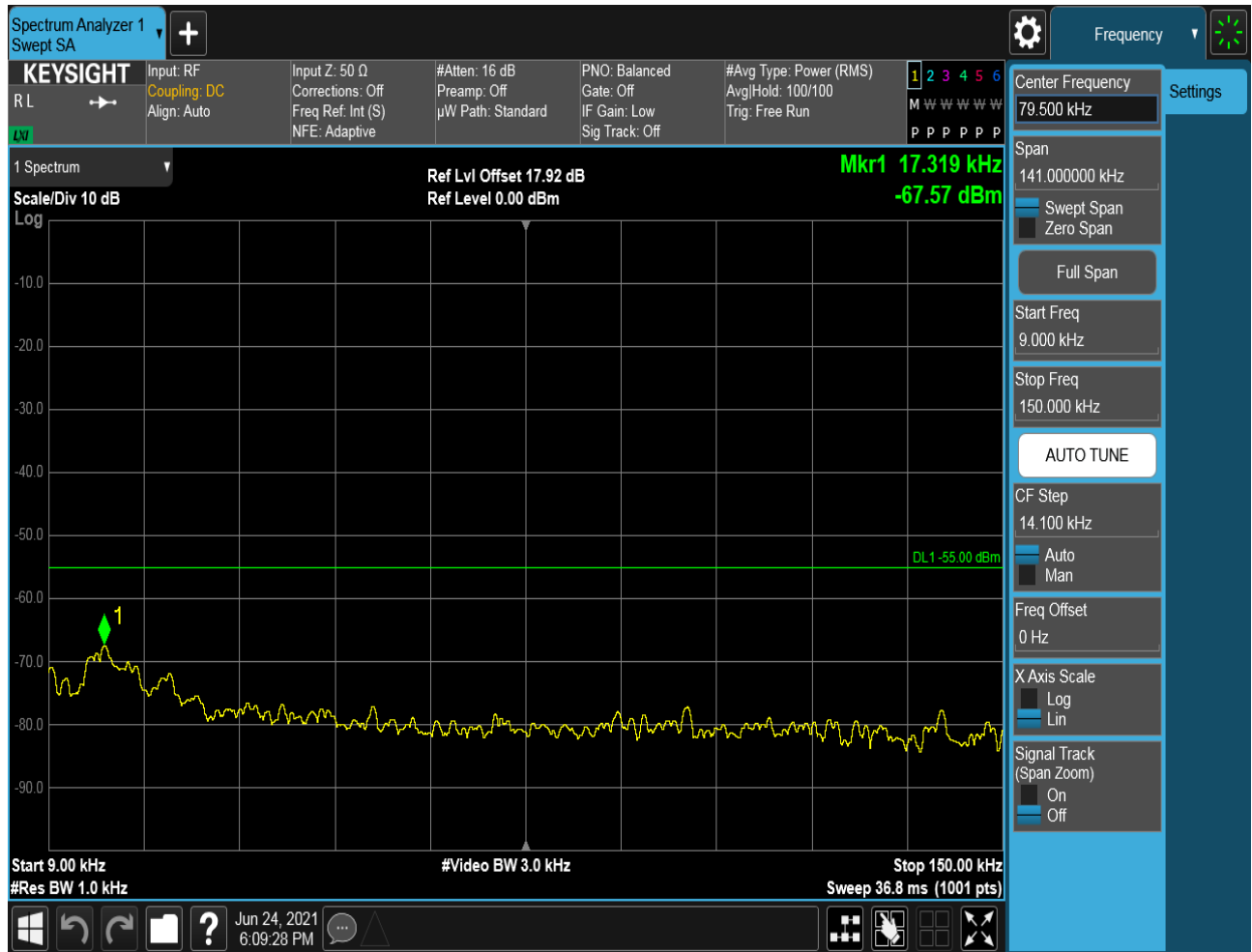


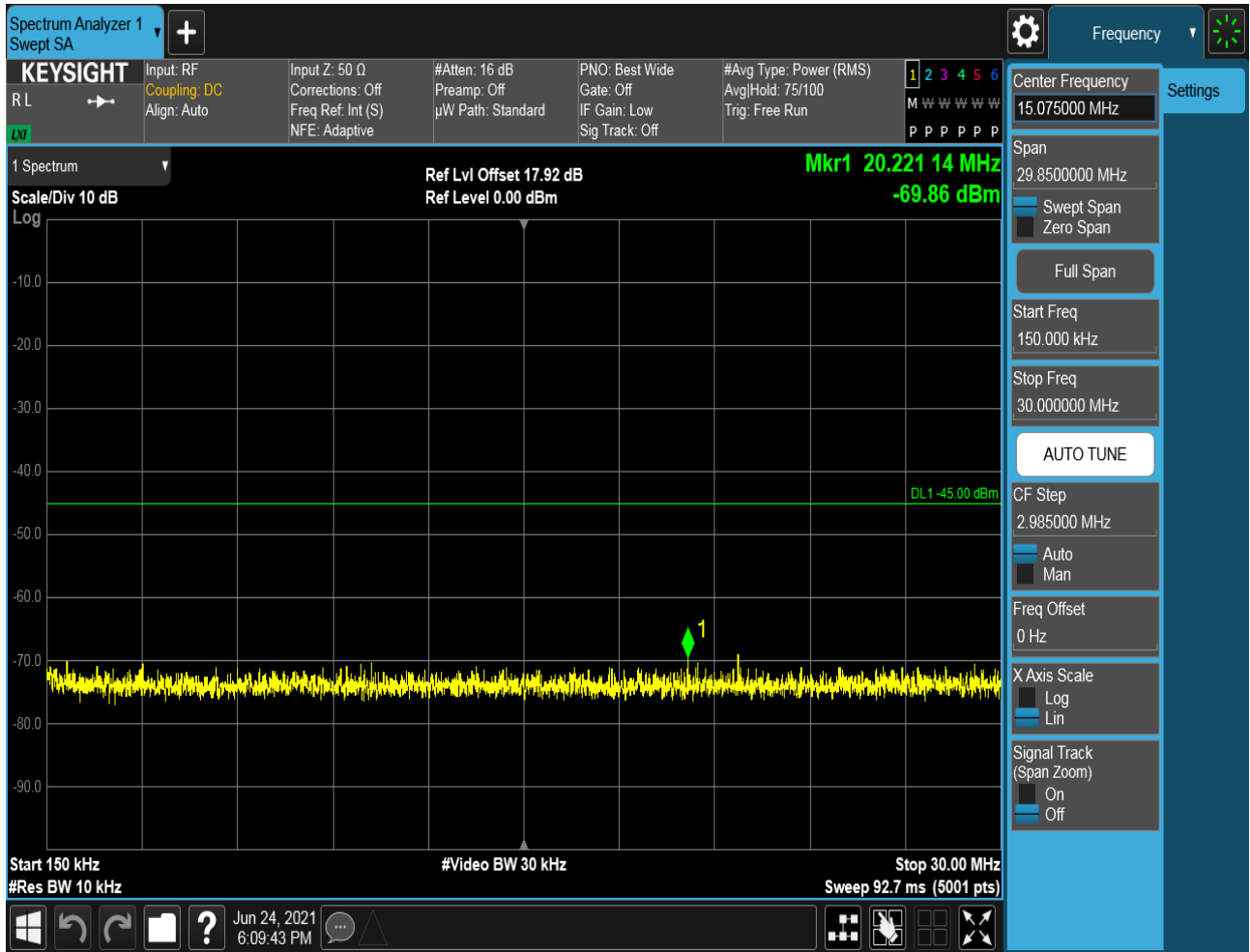


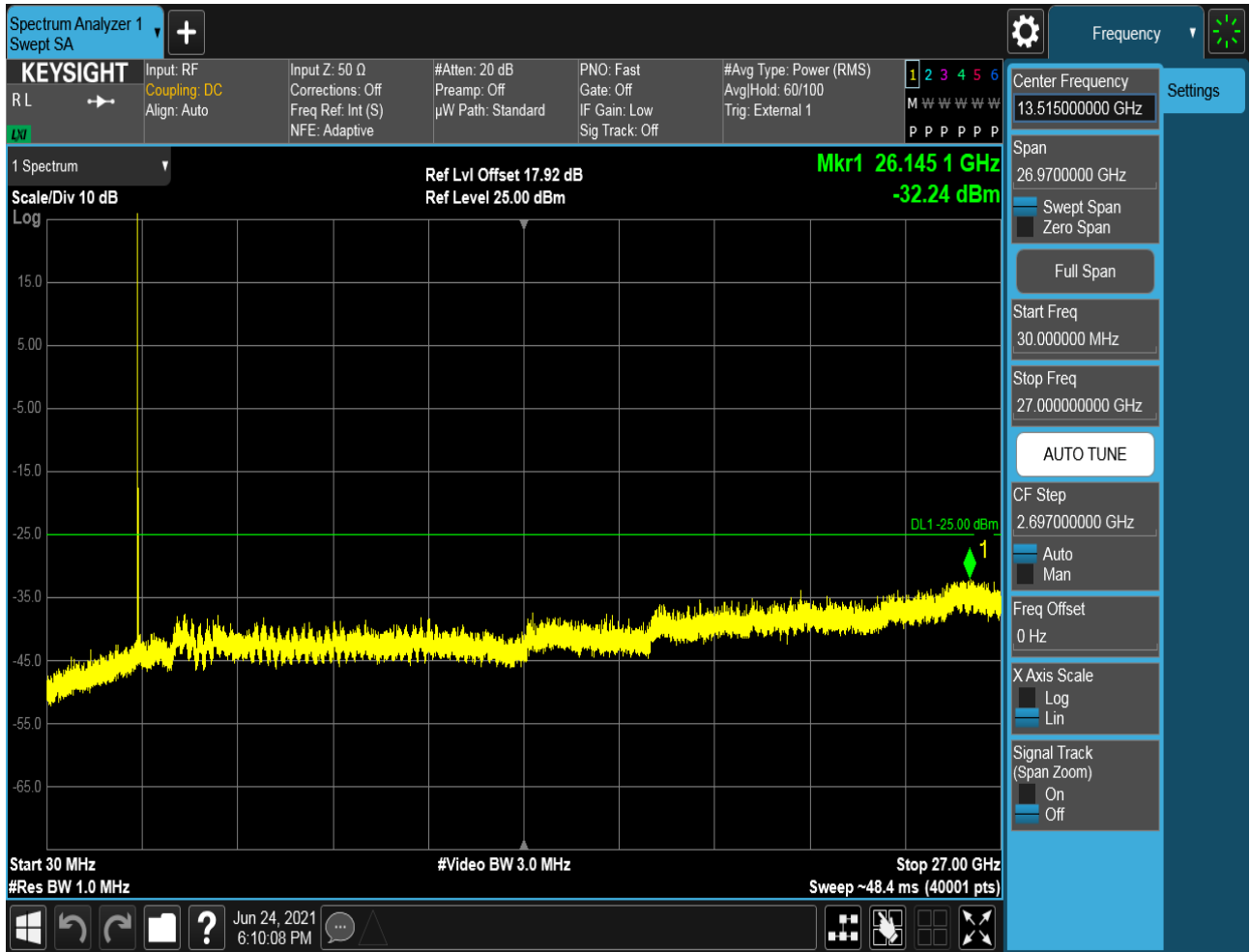


6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0



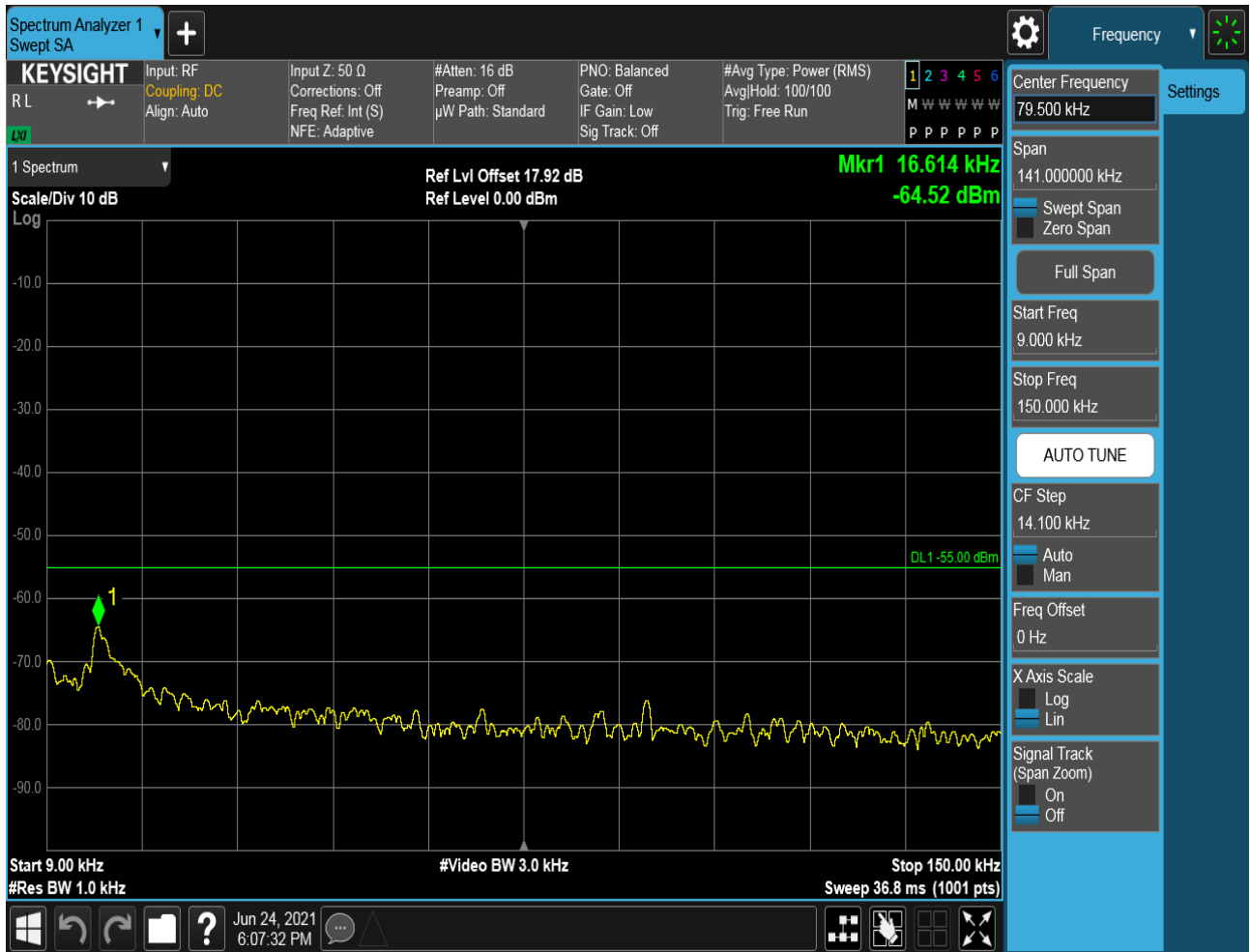


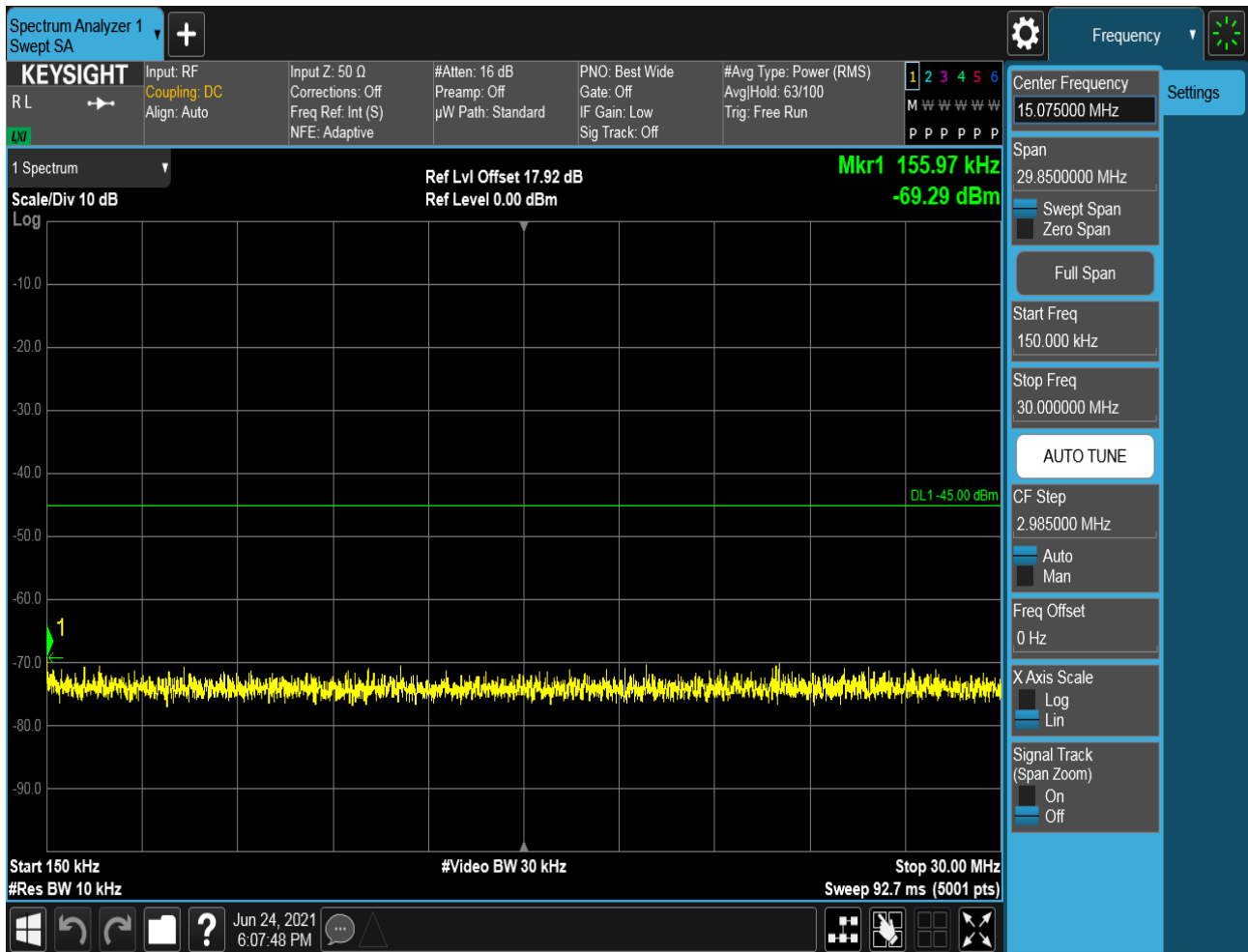


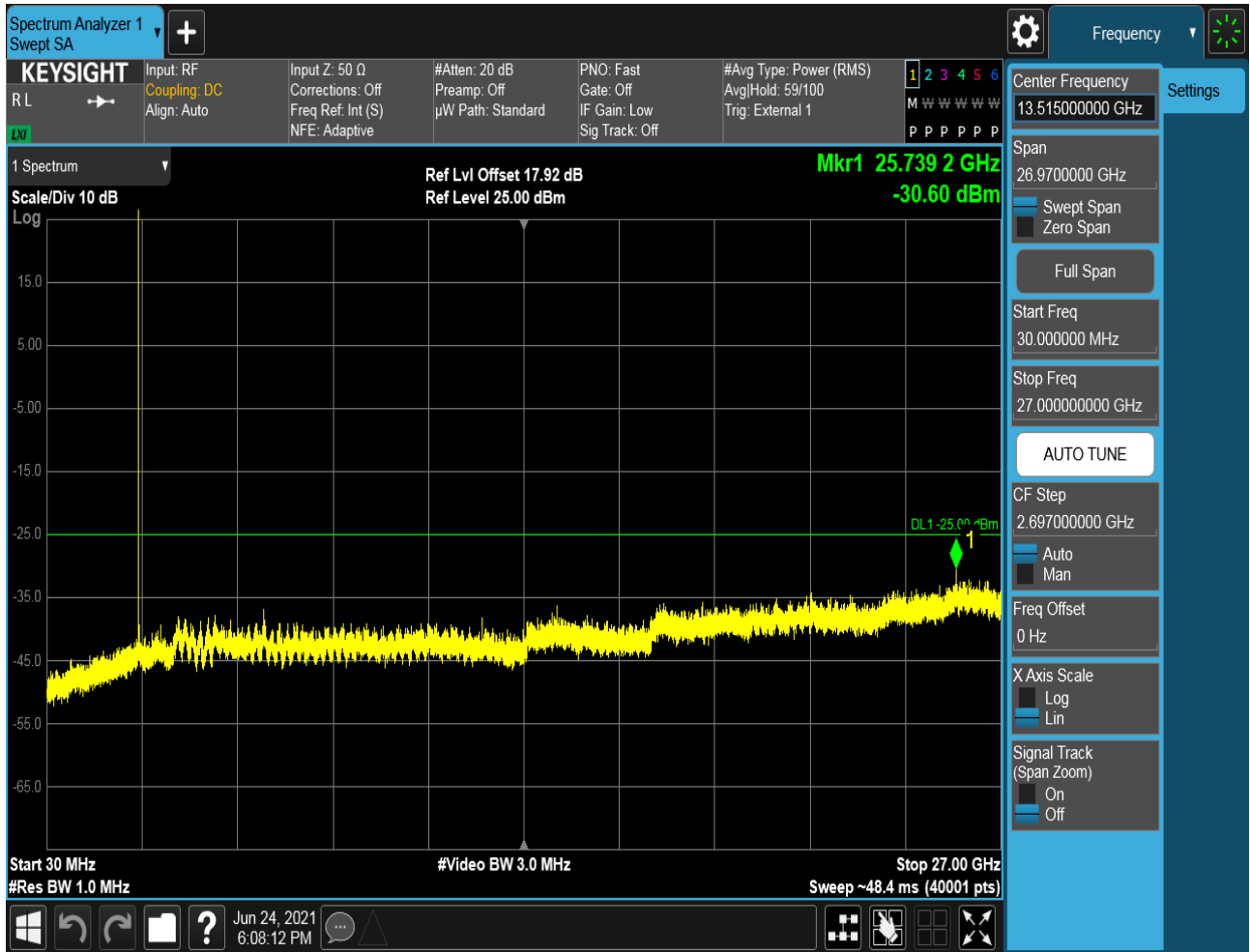


6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0





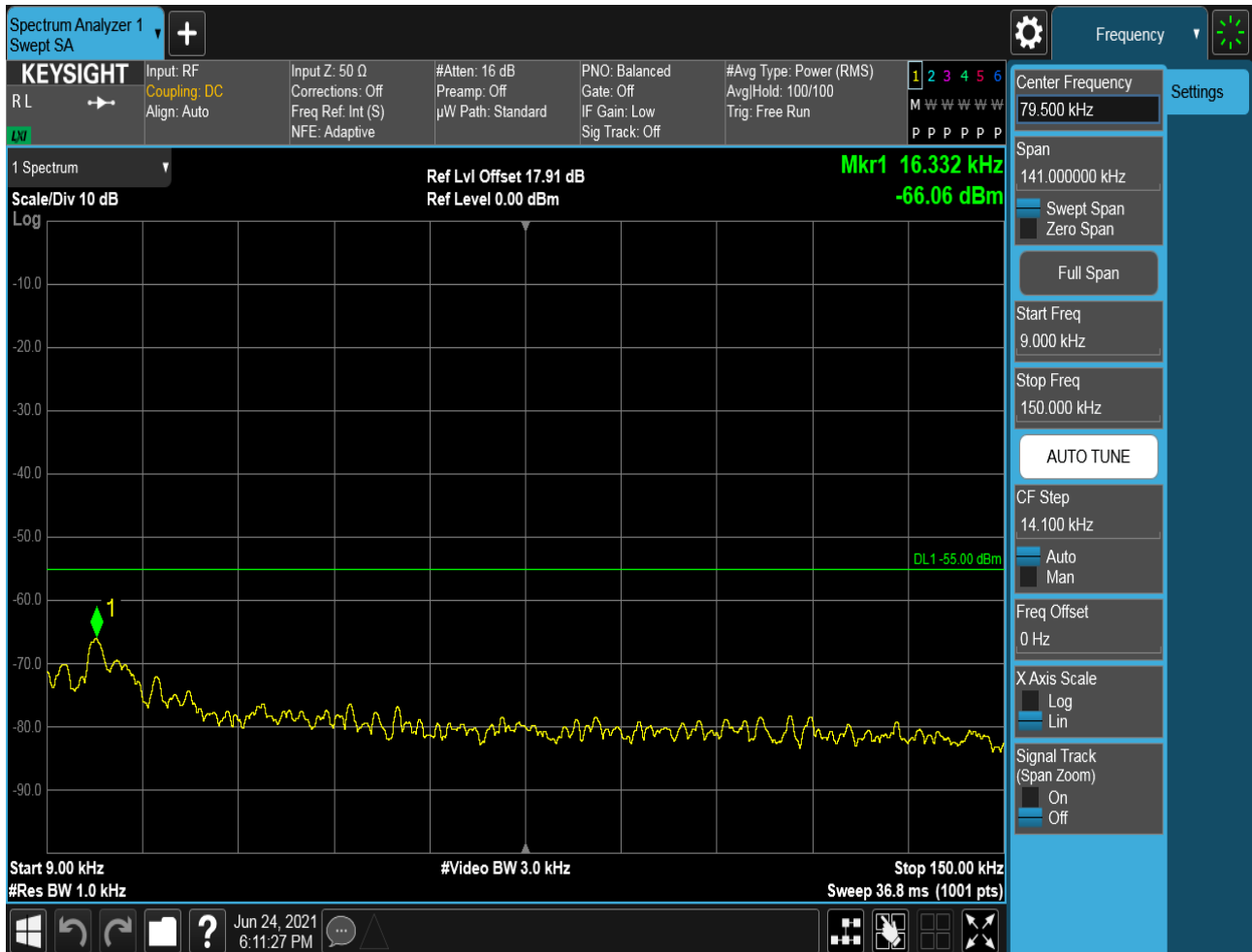


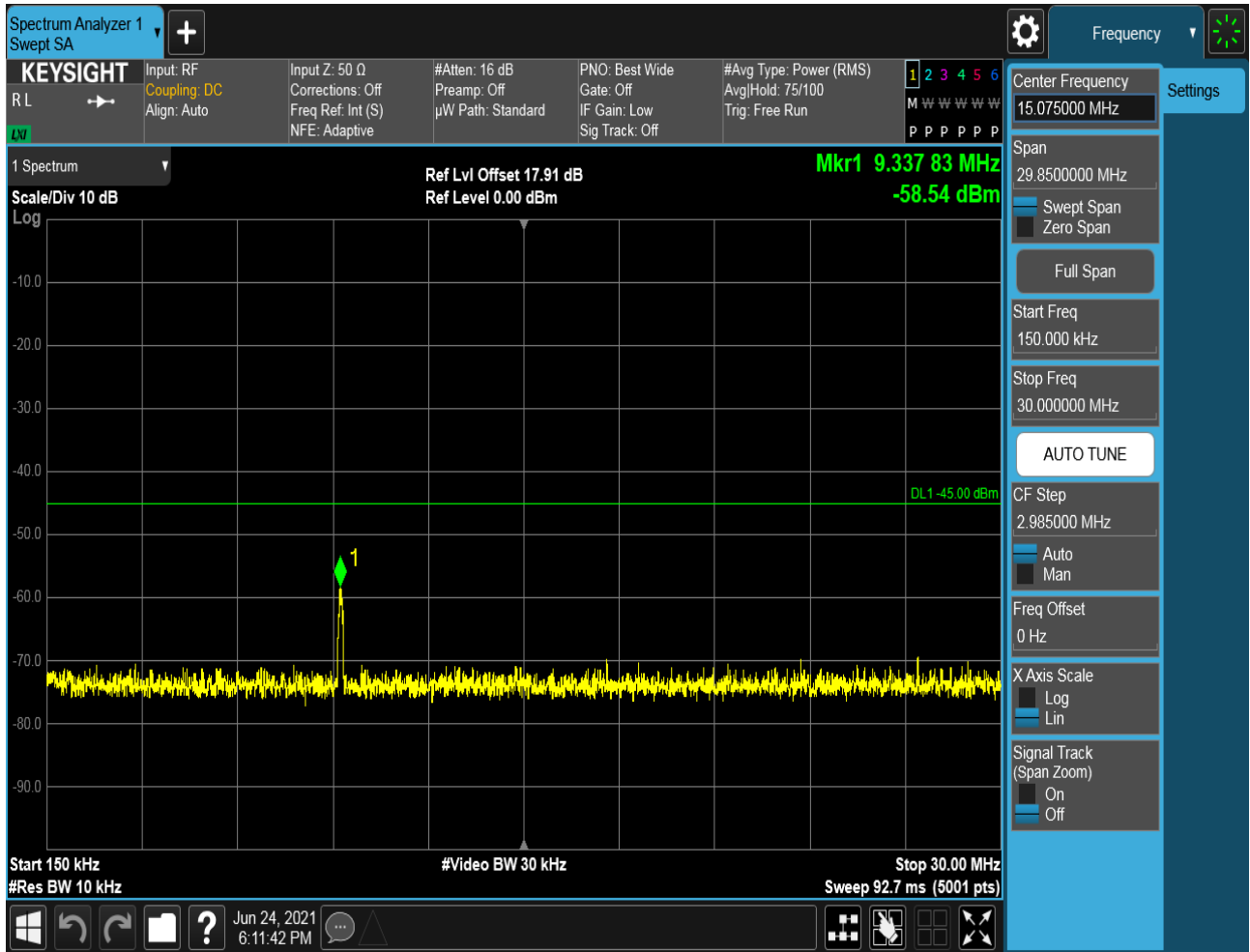


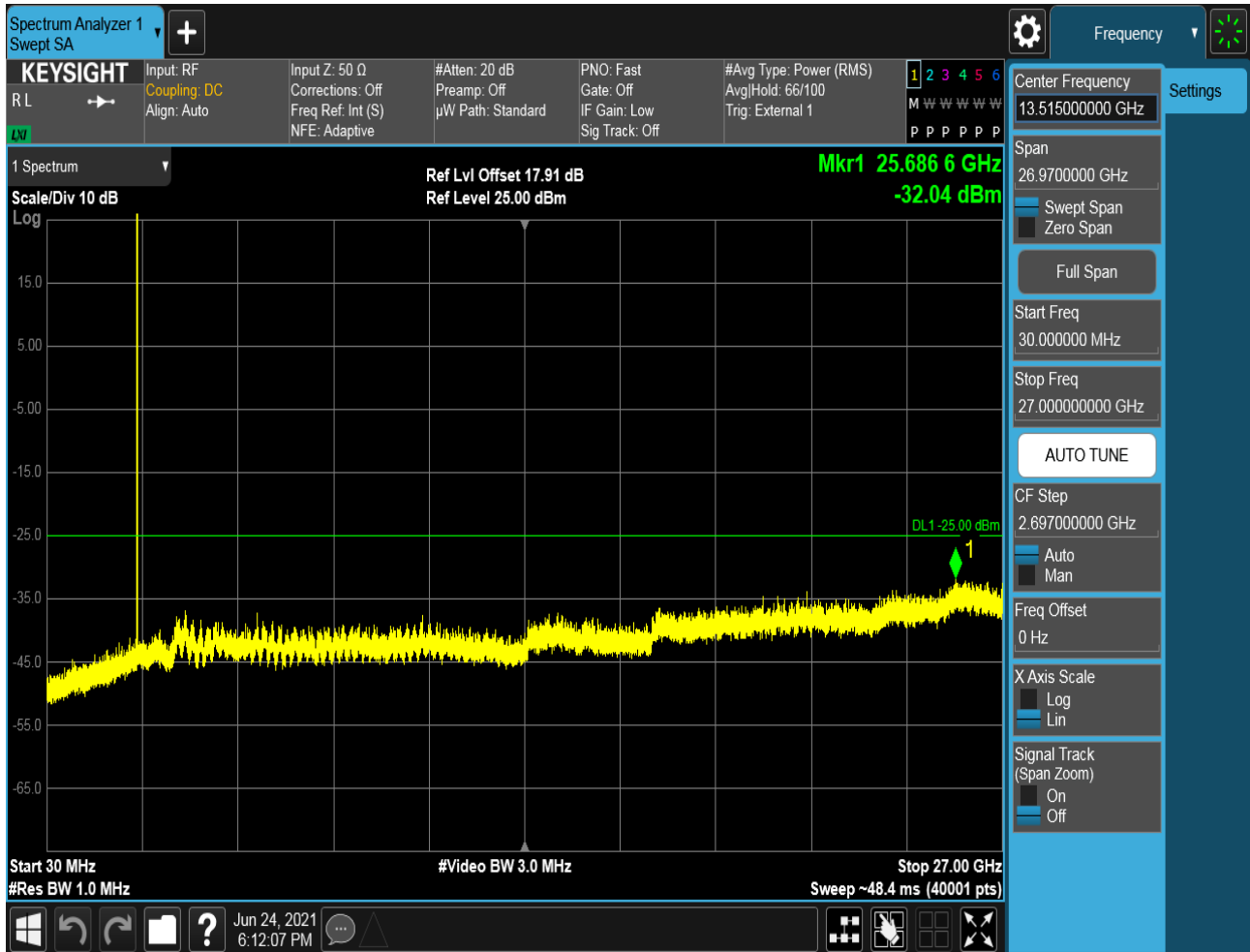
6.2.1.2.2 Test Bandwidth = 10MHz

6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0



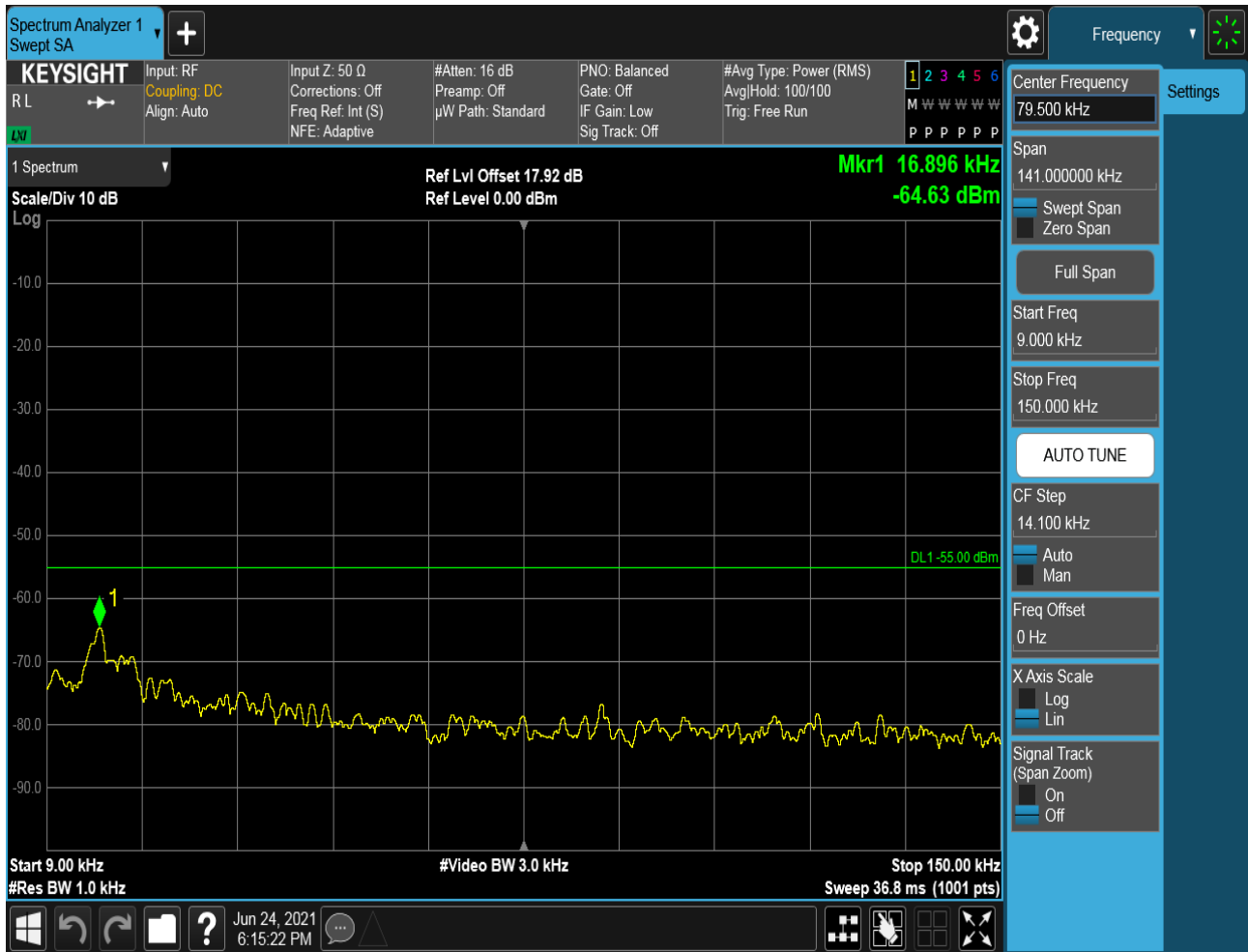


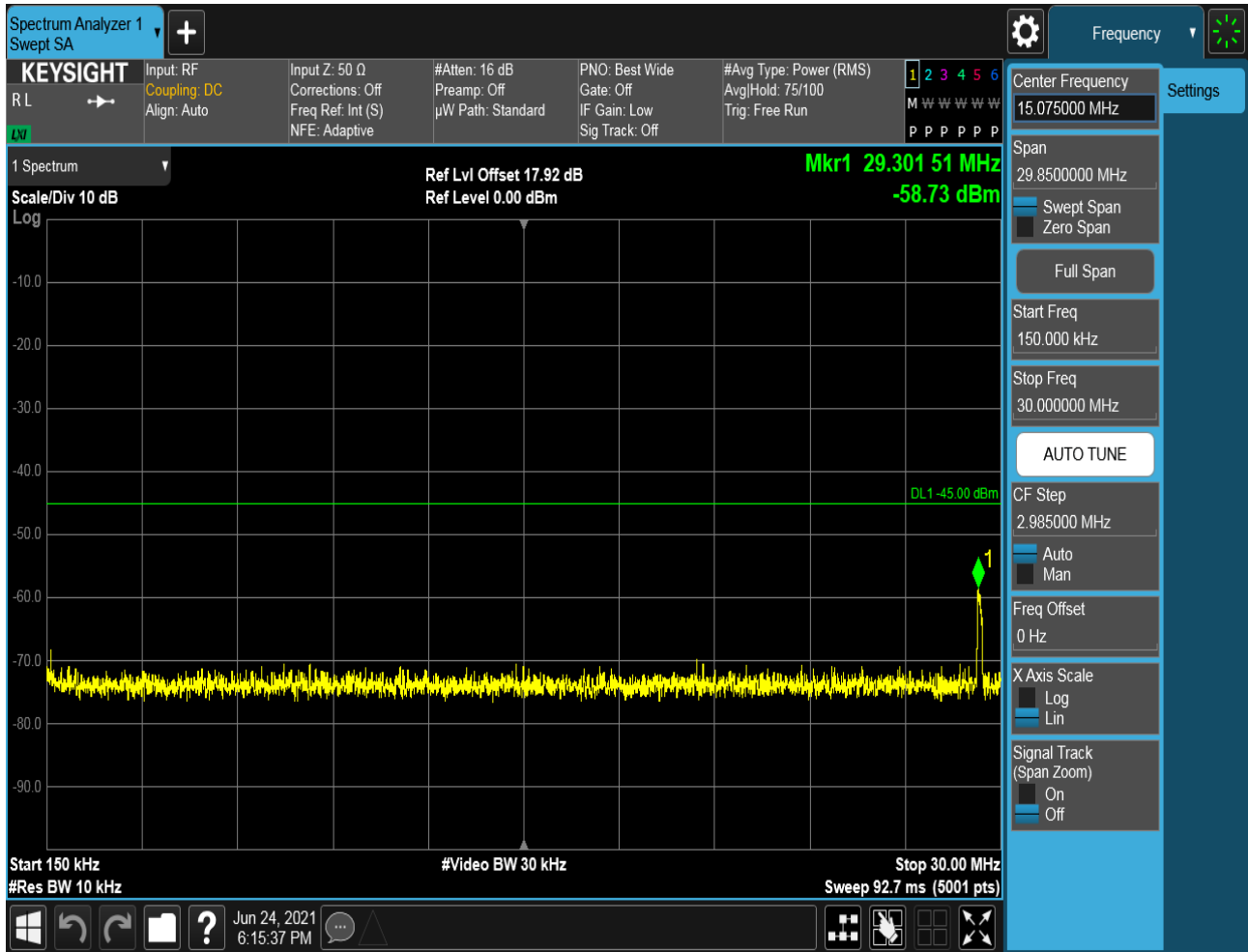


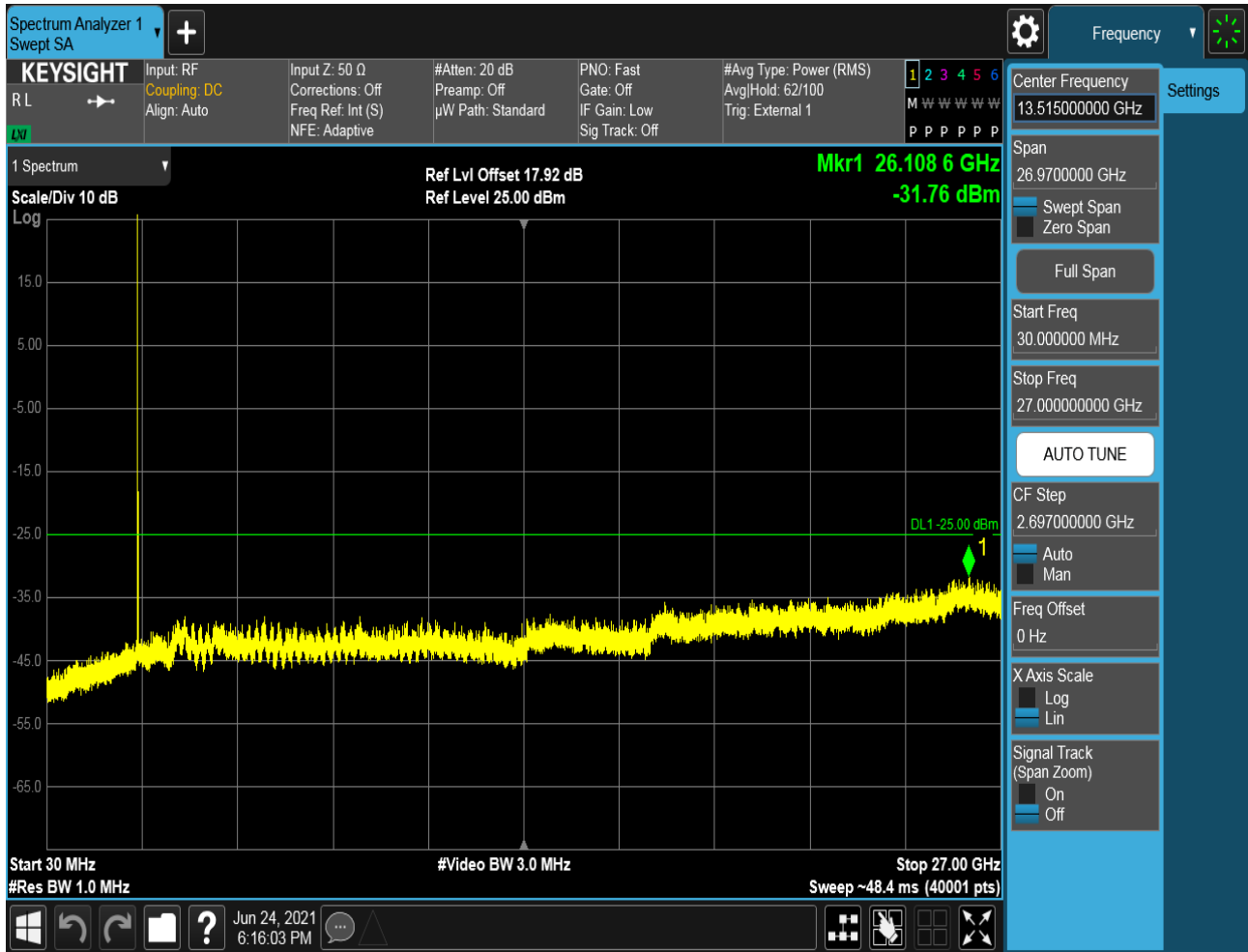


6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.1 Test RB = RB1#0



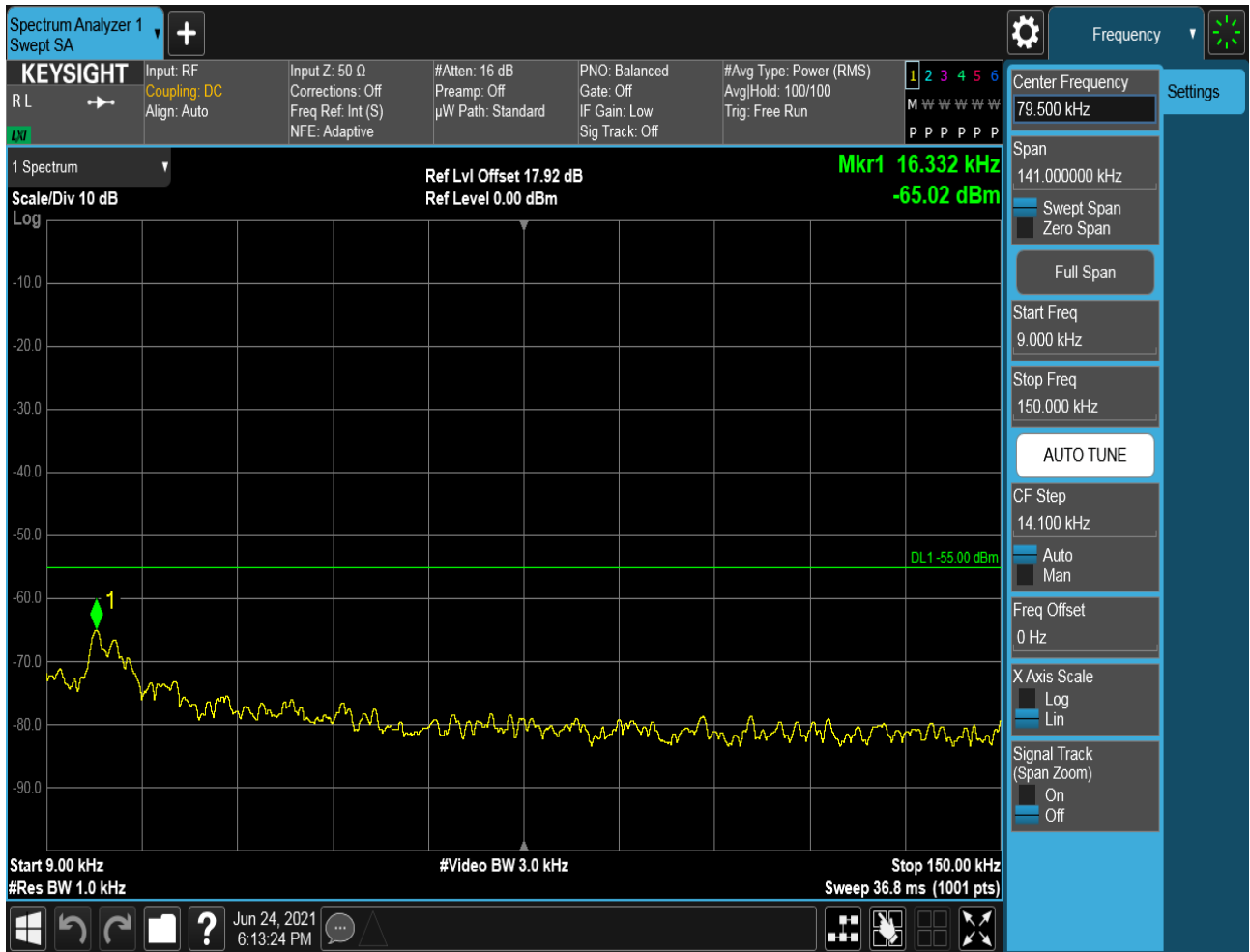


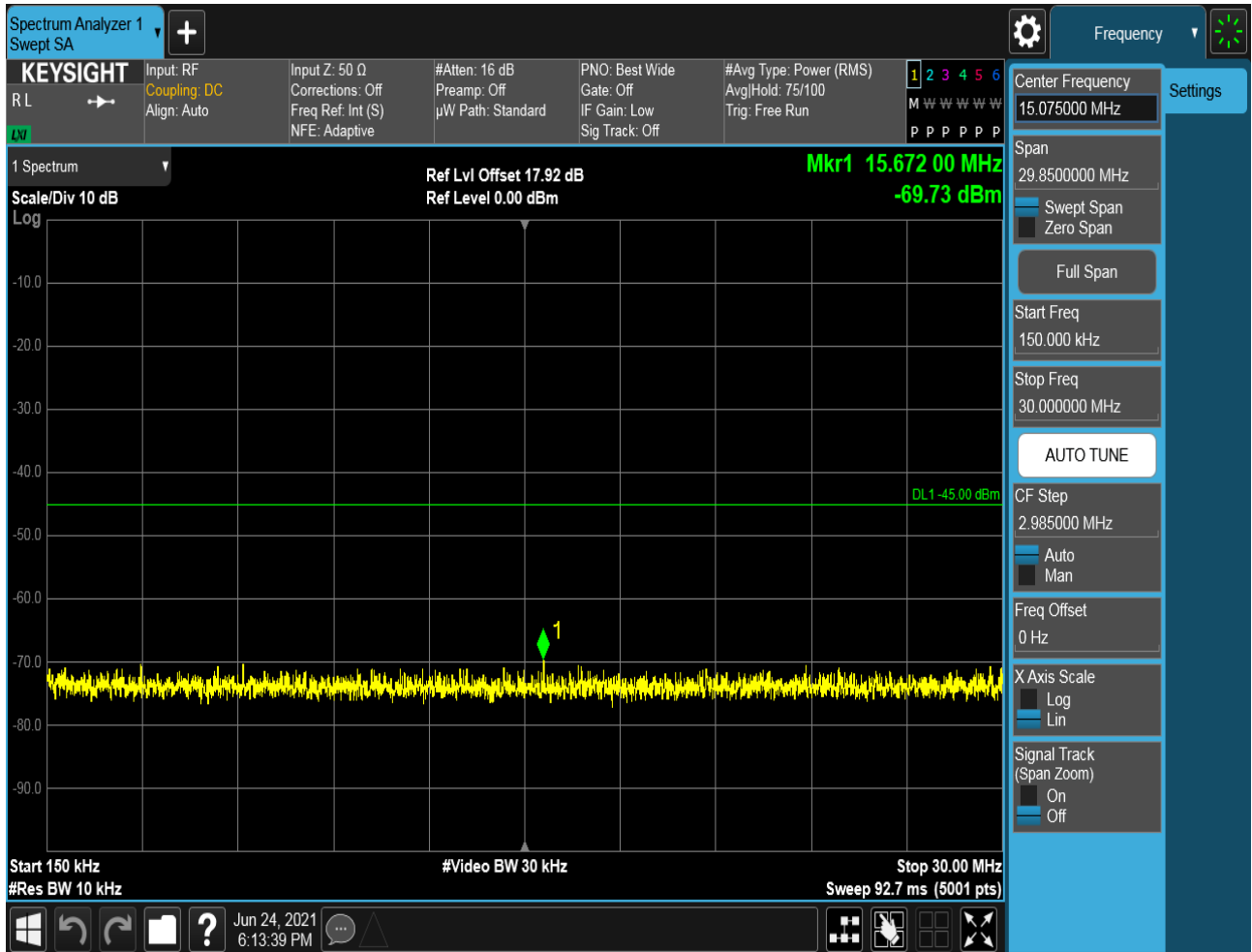


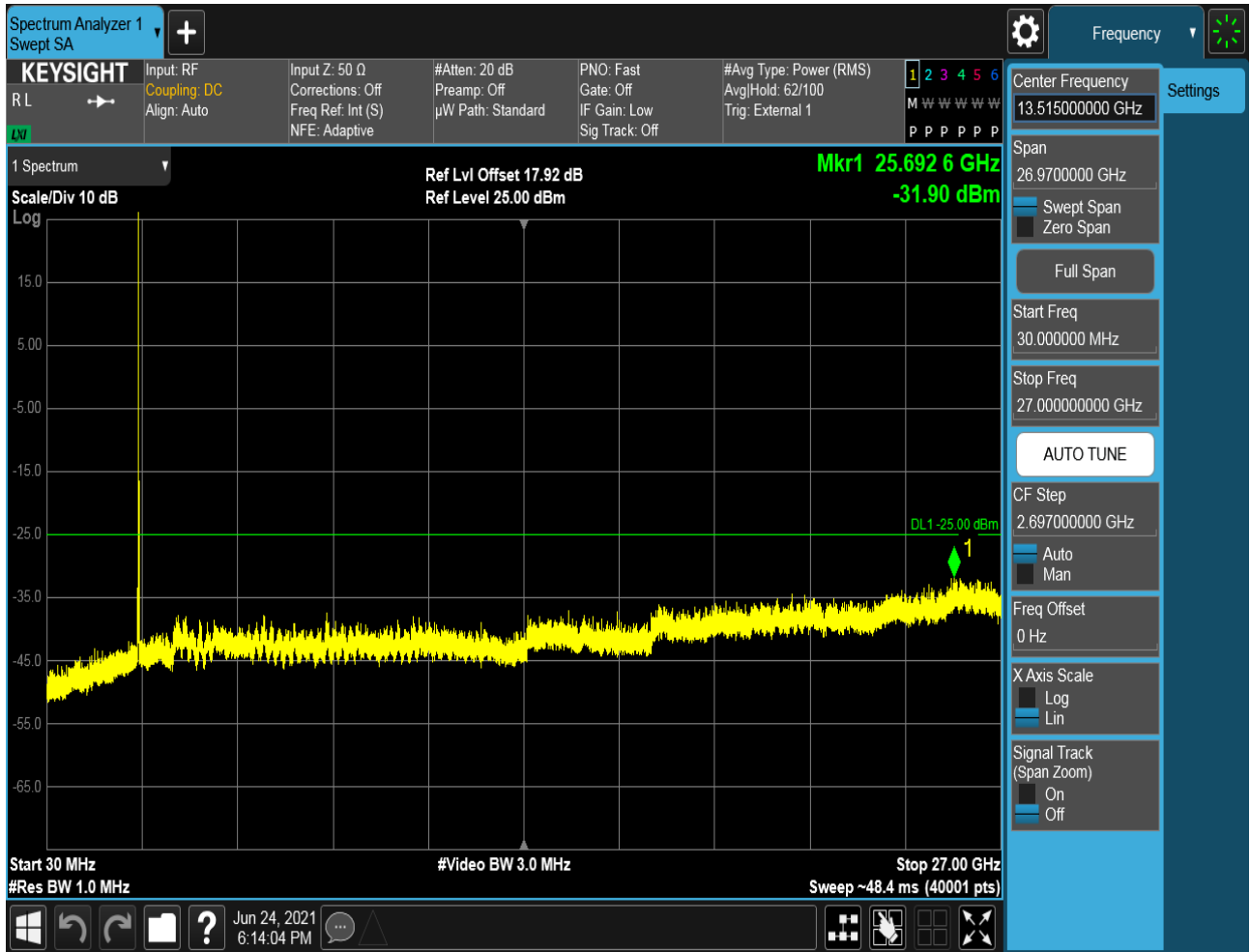


6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0





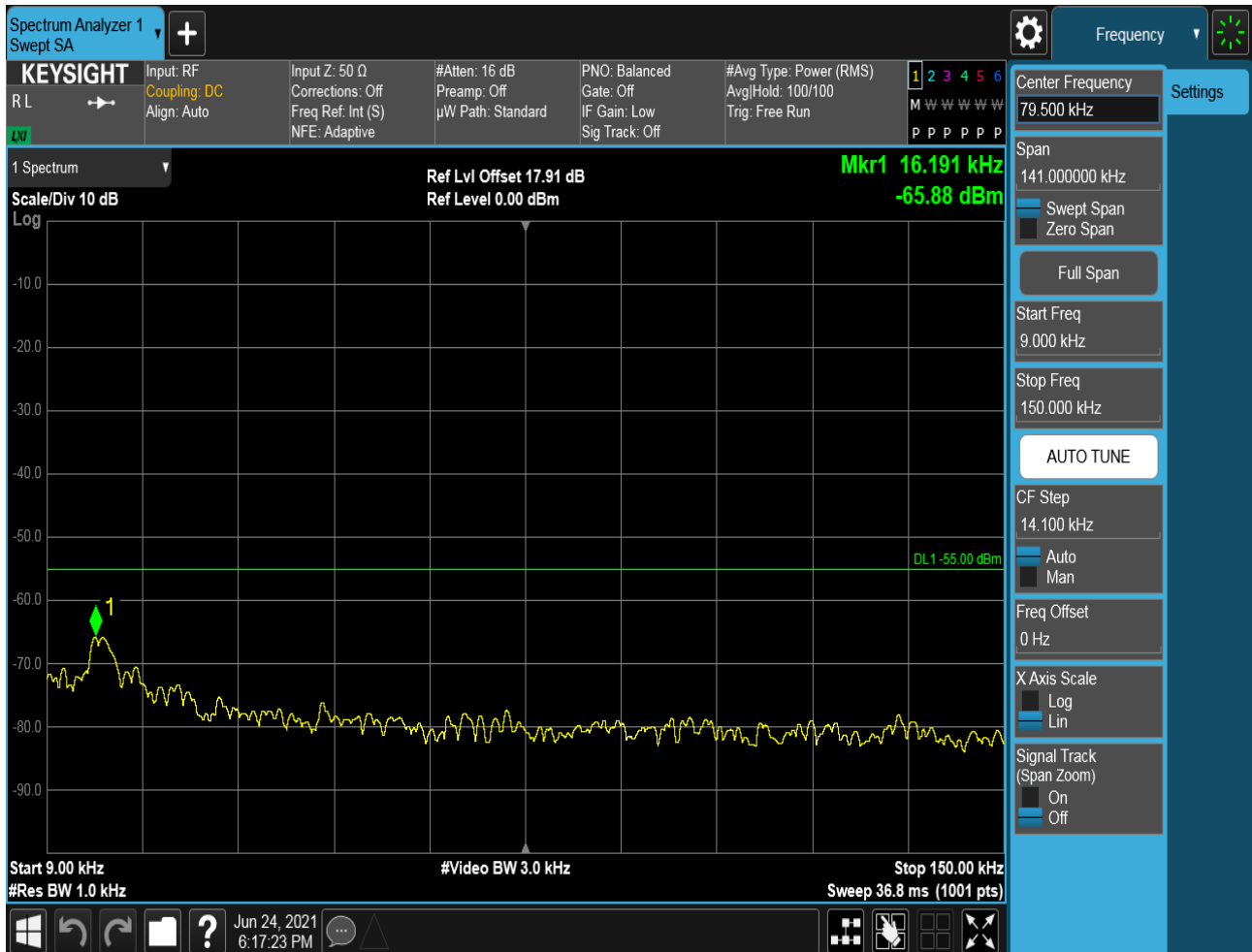


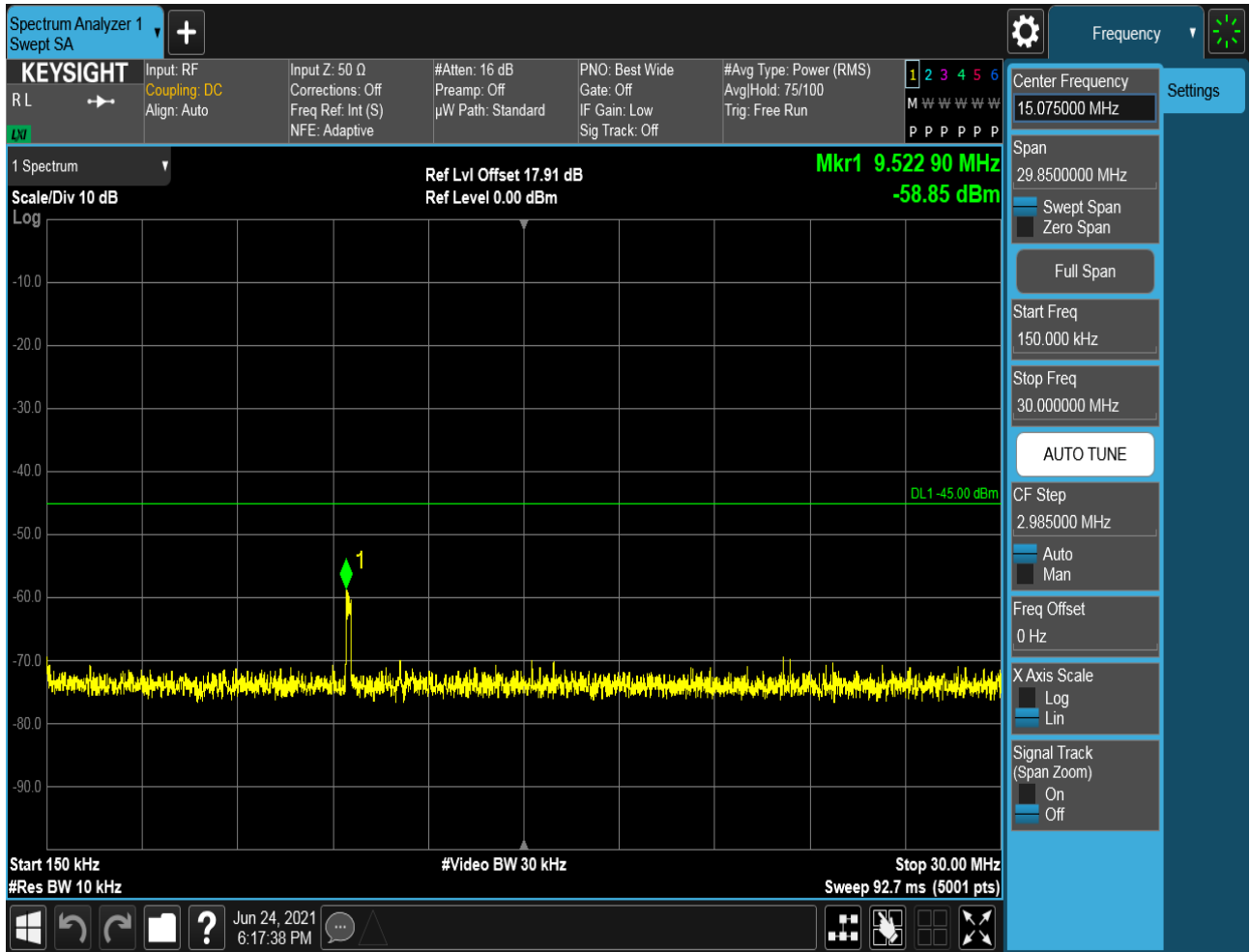


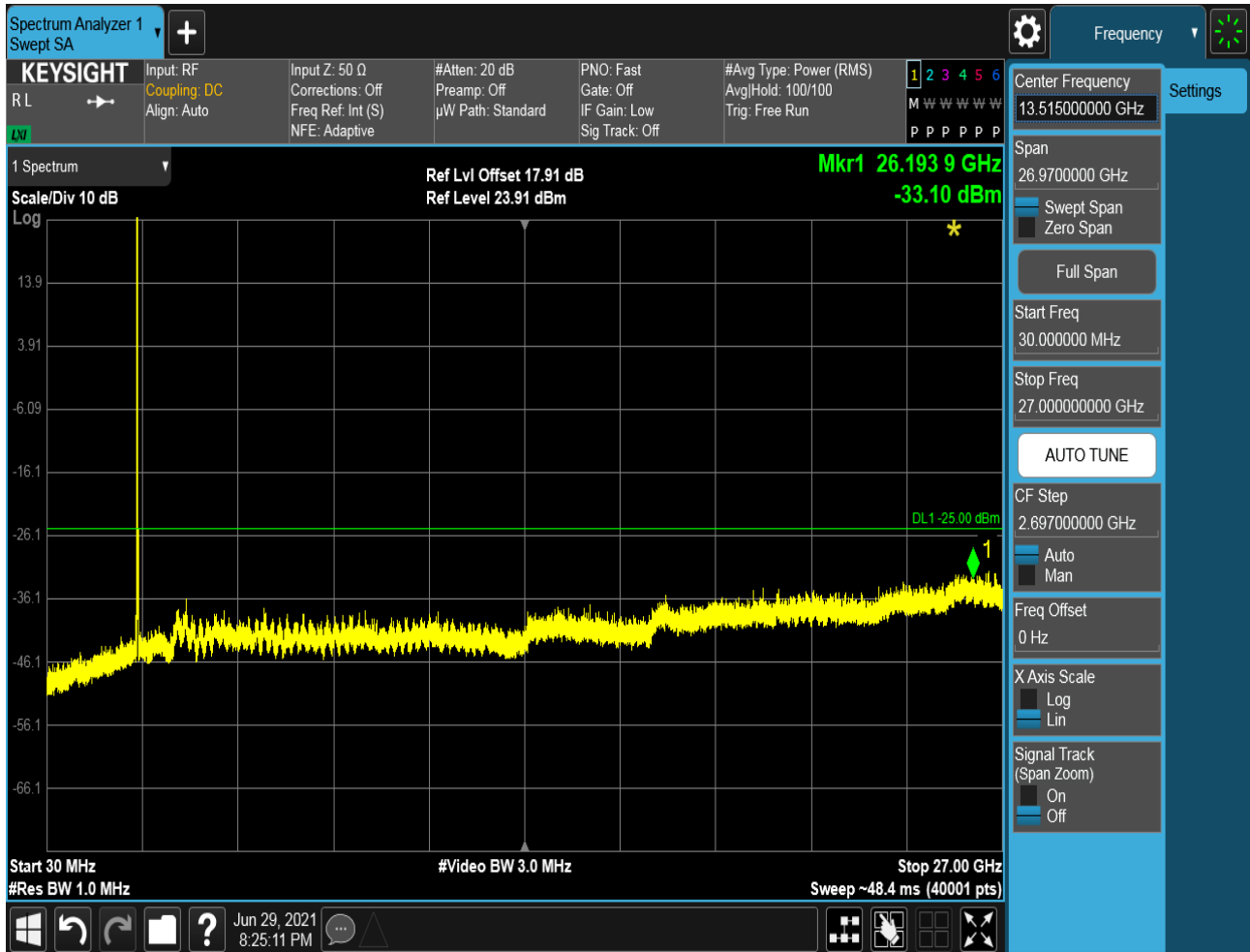
6.2.1.2.3 Test Bandwidth = 15MHz

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0



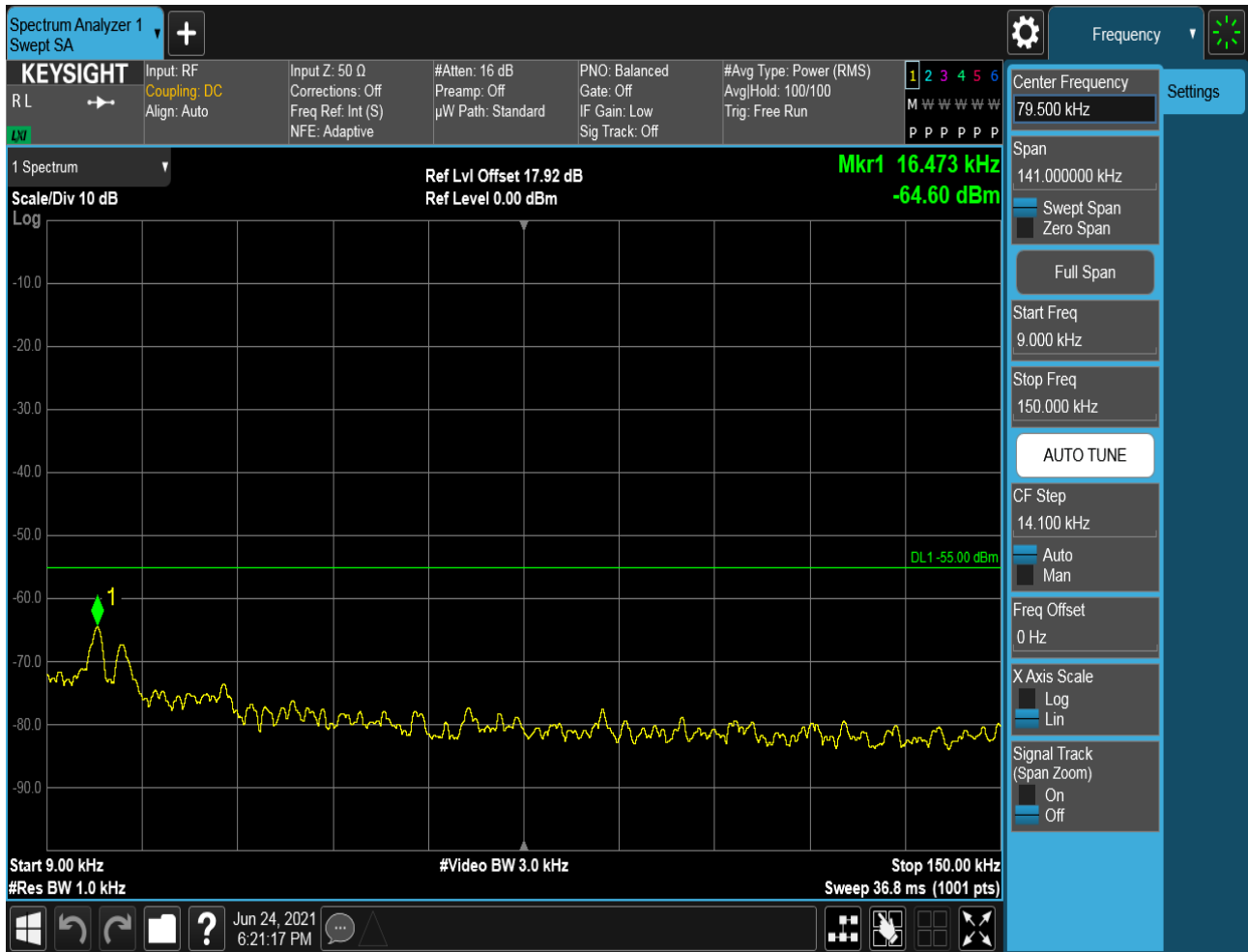


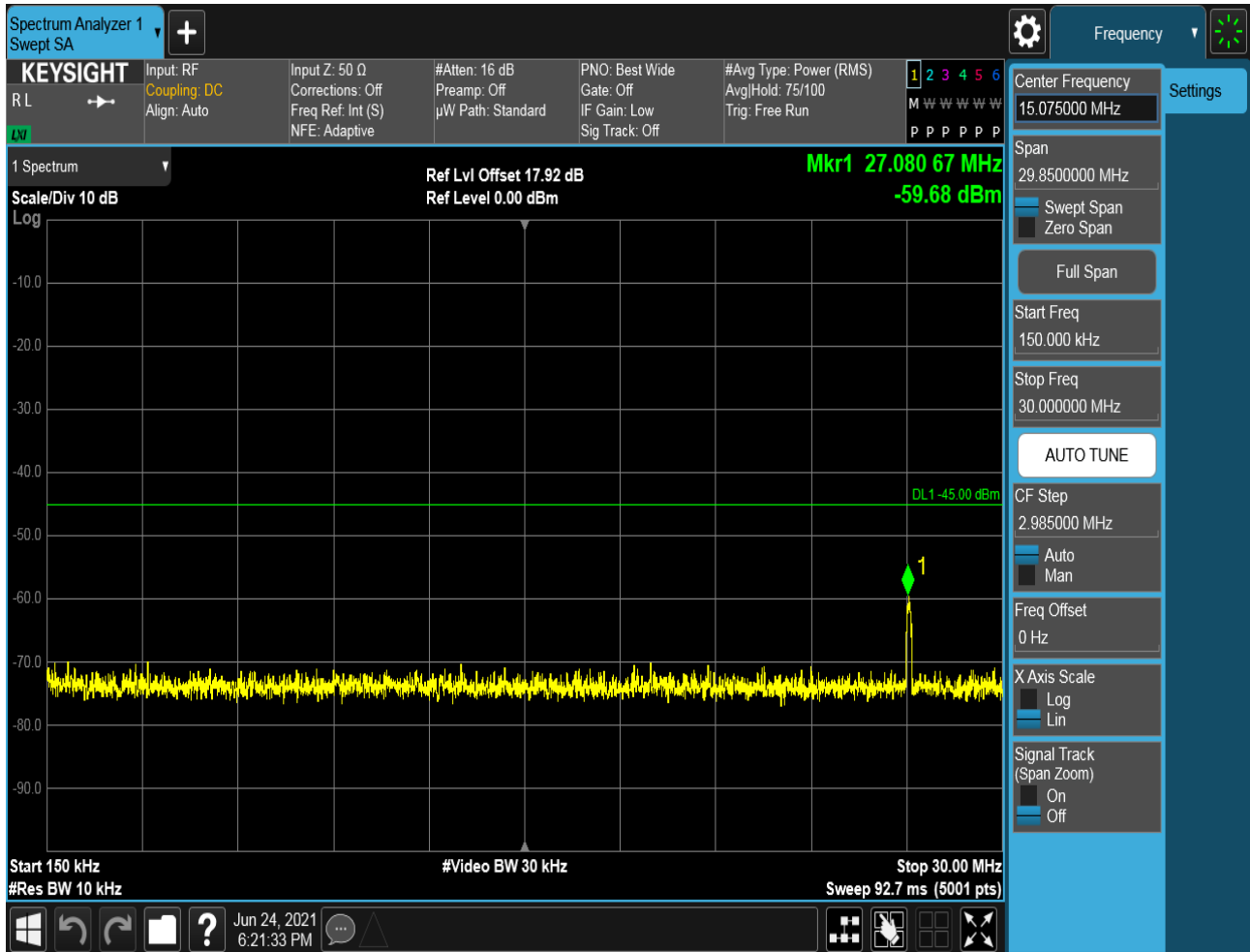


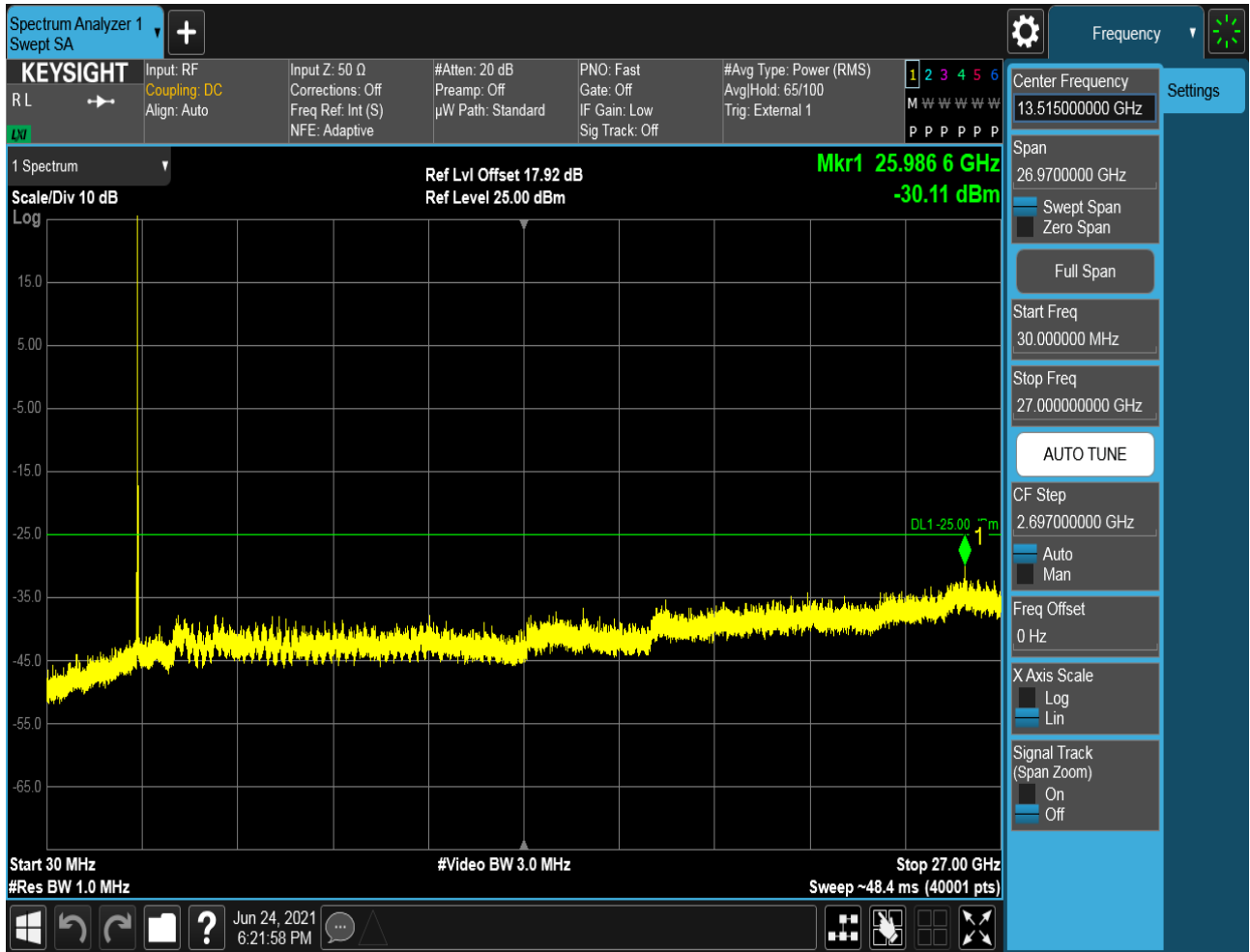


6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0



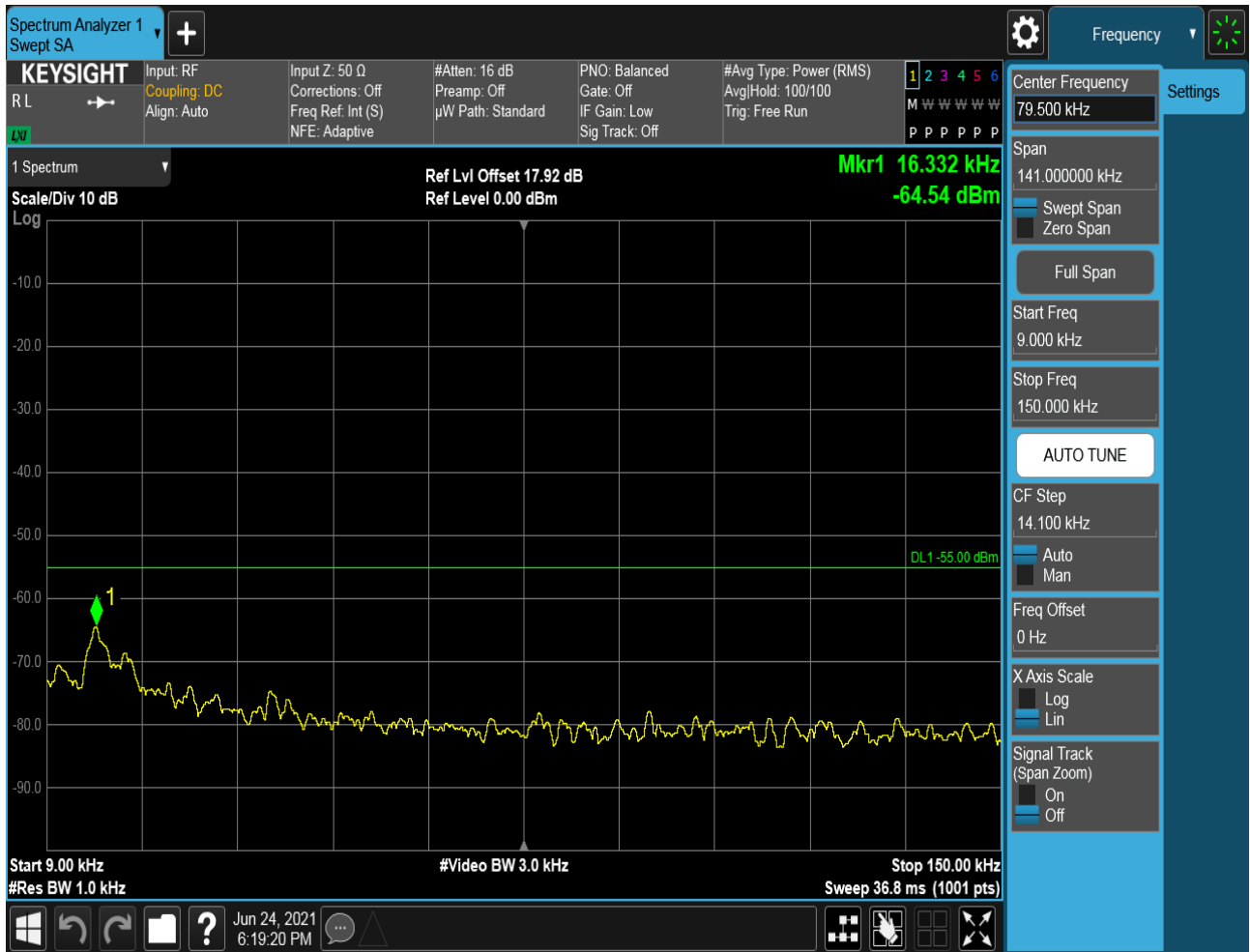


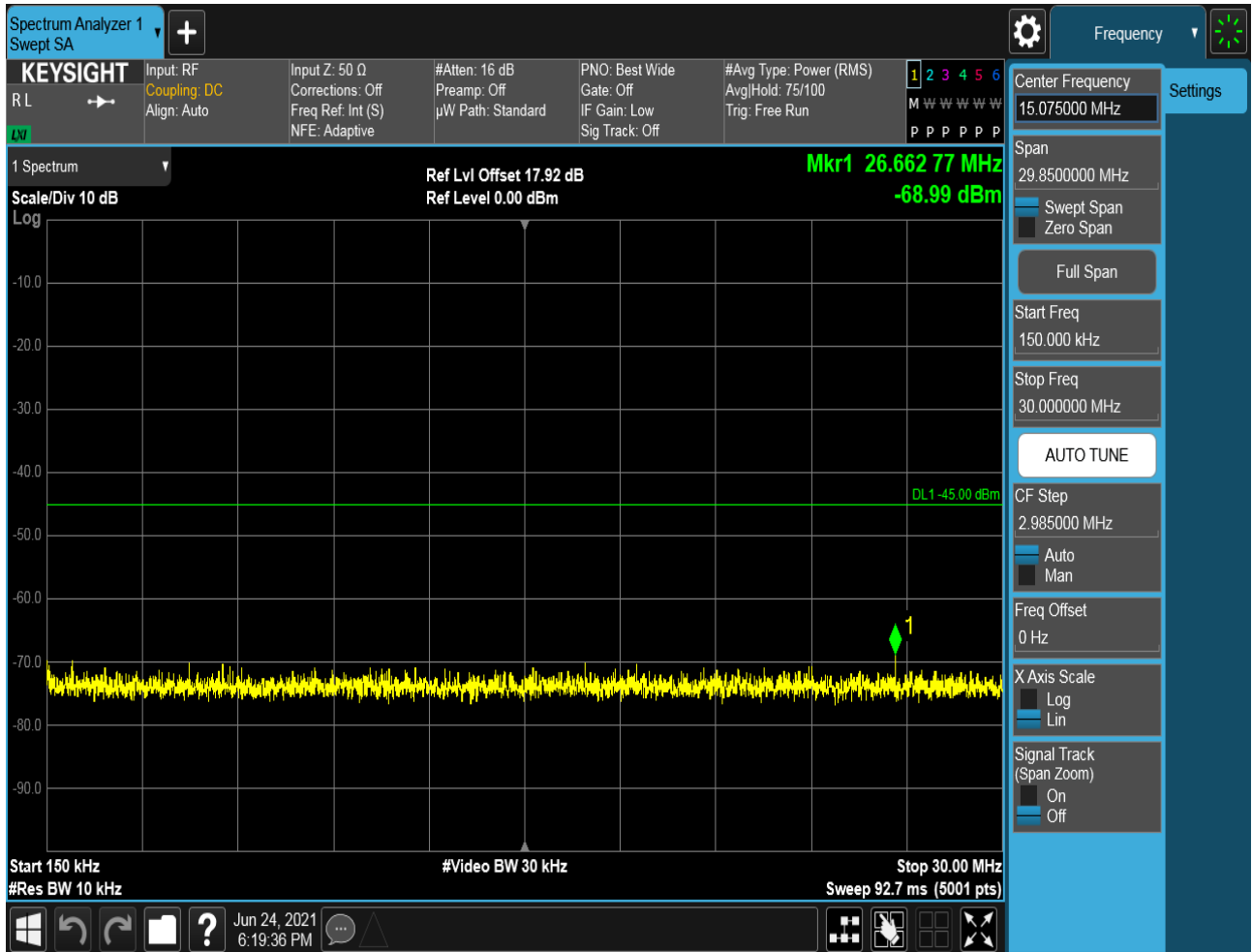


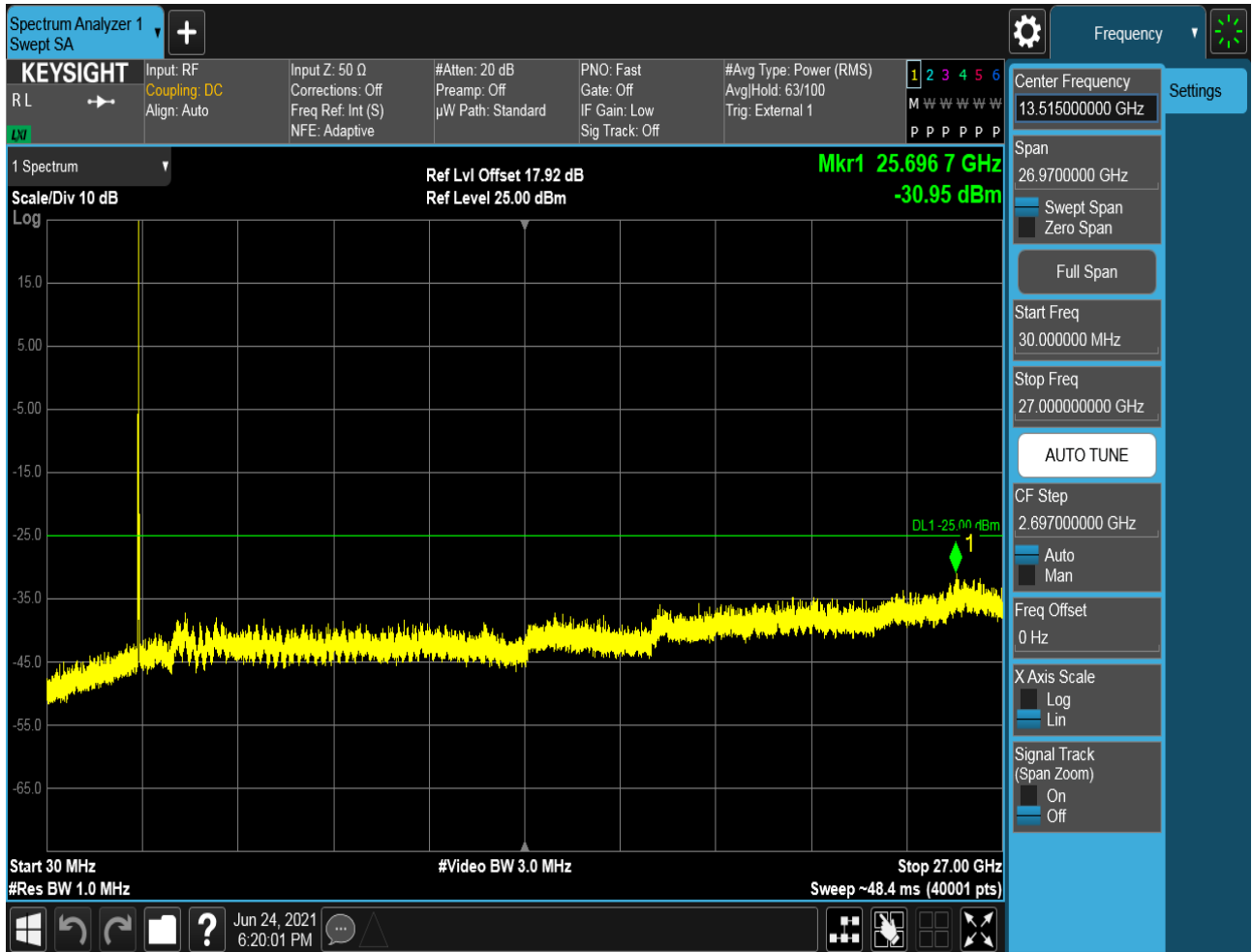


6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0





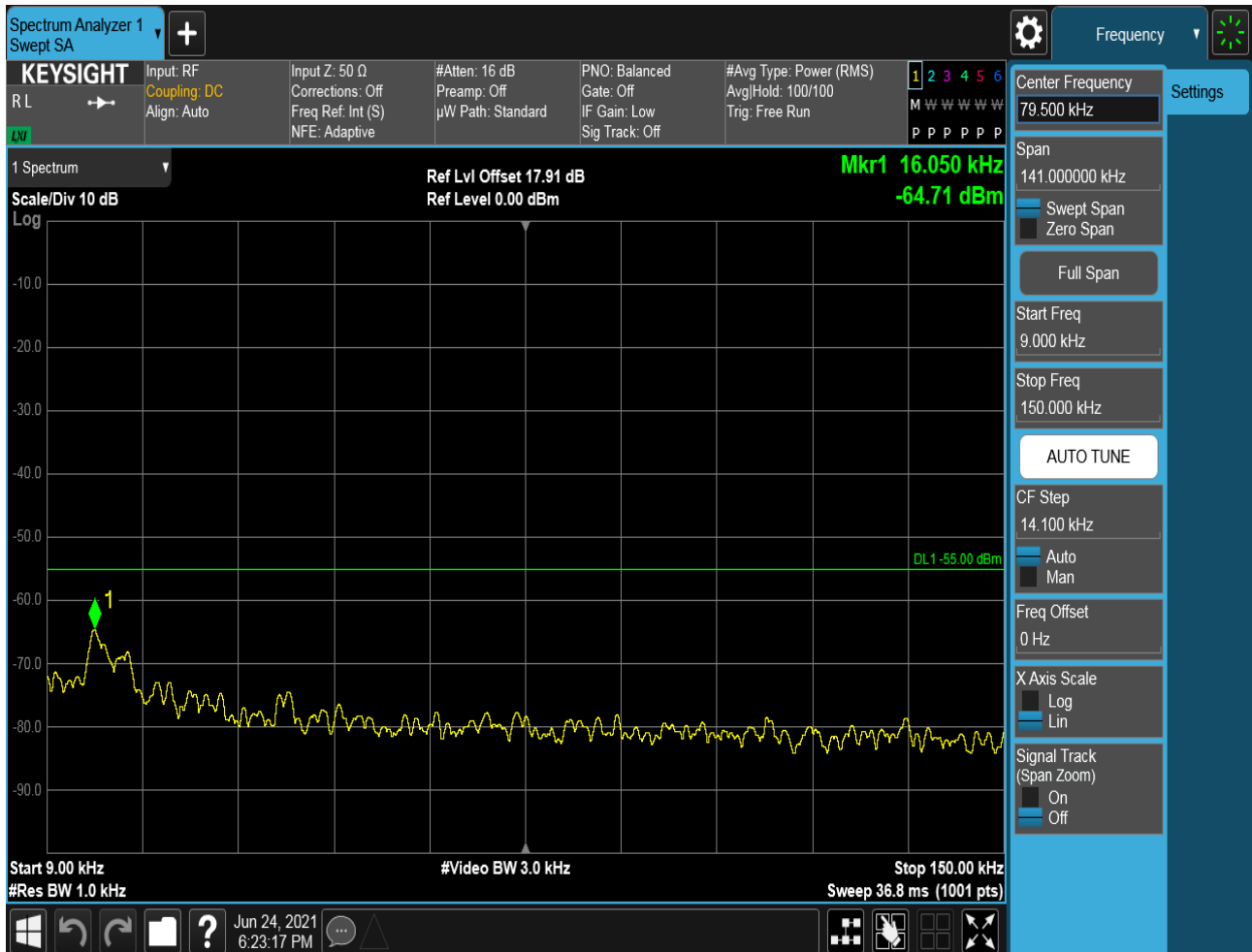


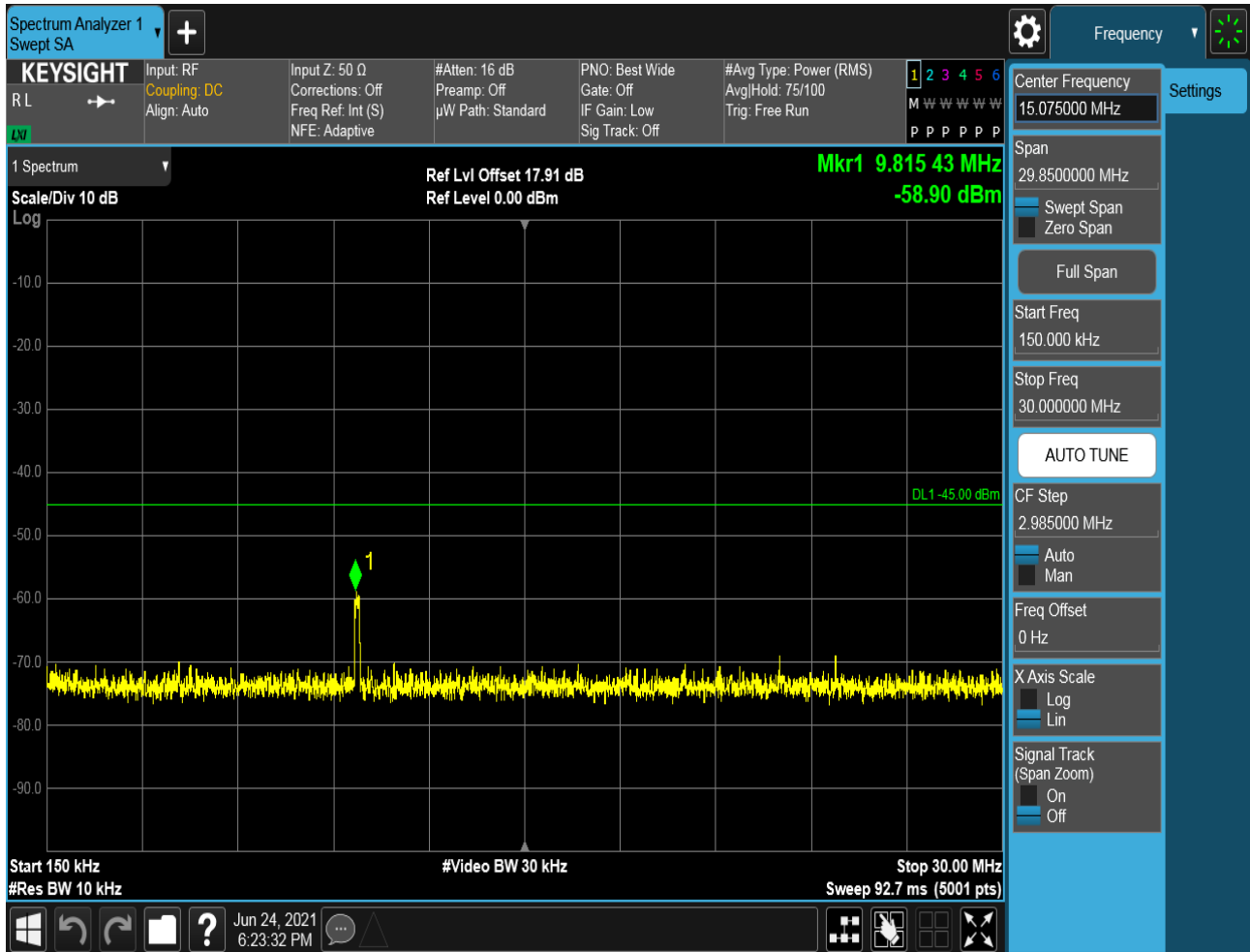


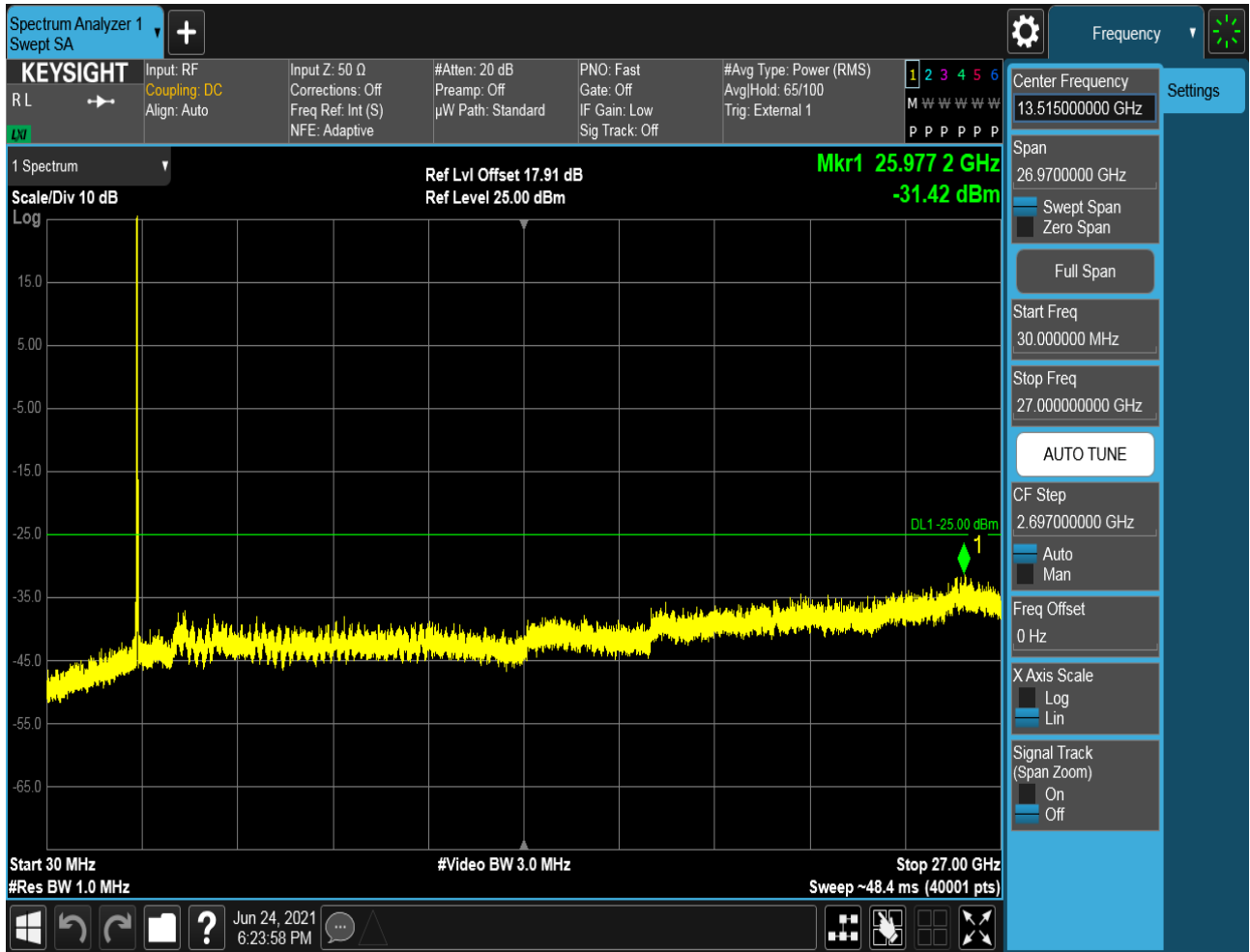
6.2.1.2.4 Test Bandwidth = 20MHz

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0



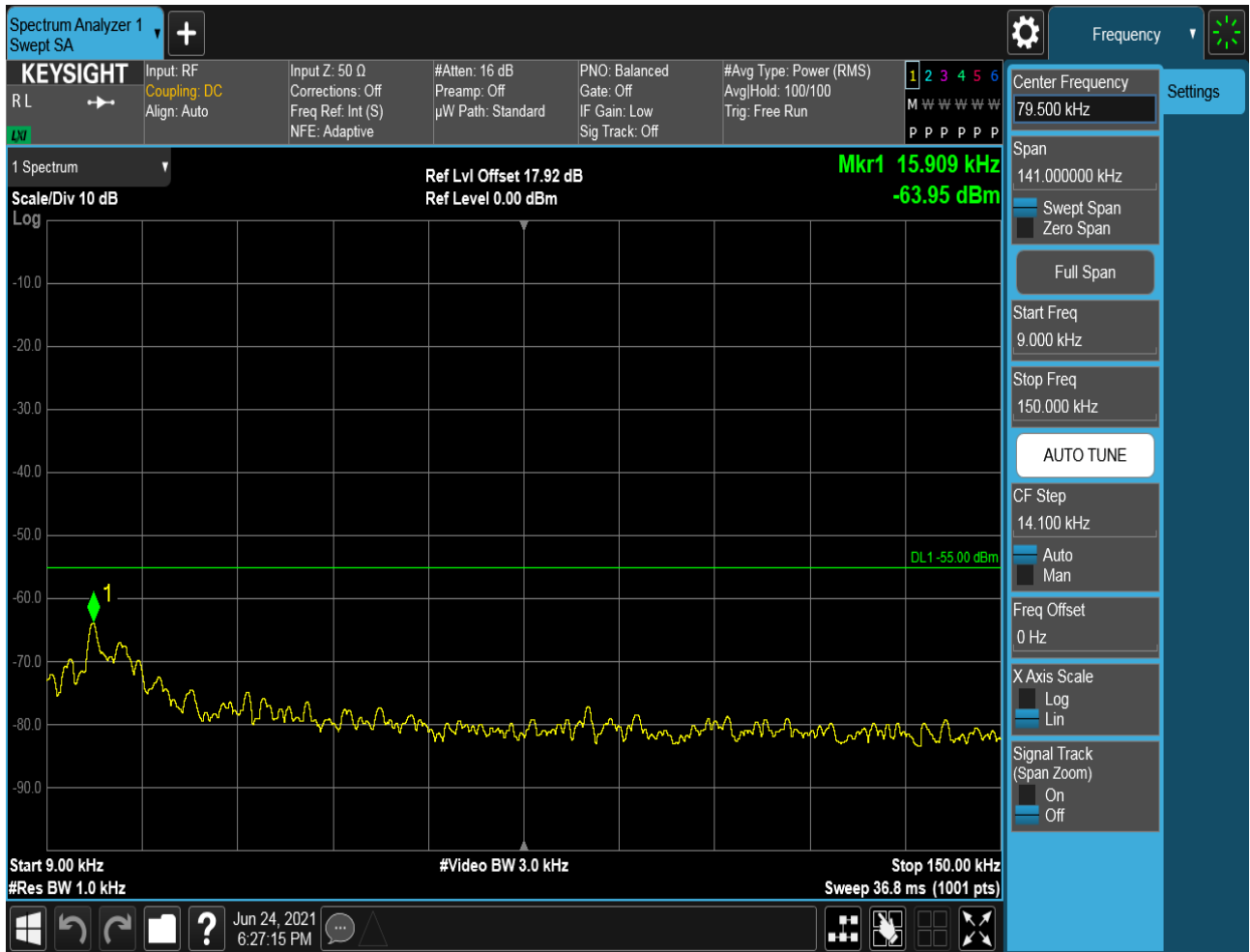


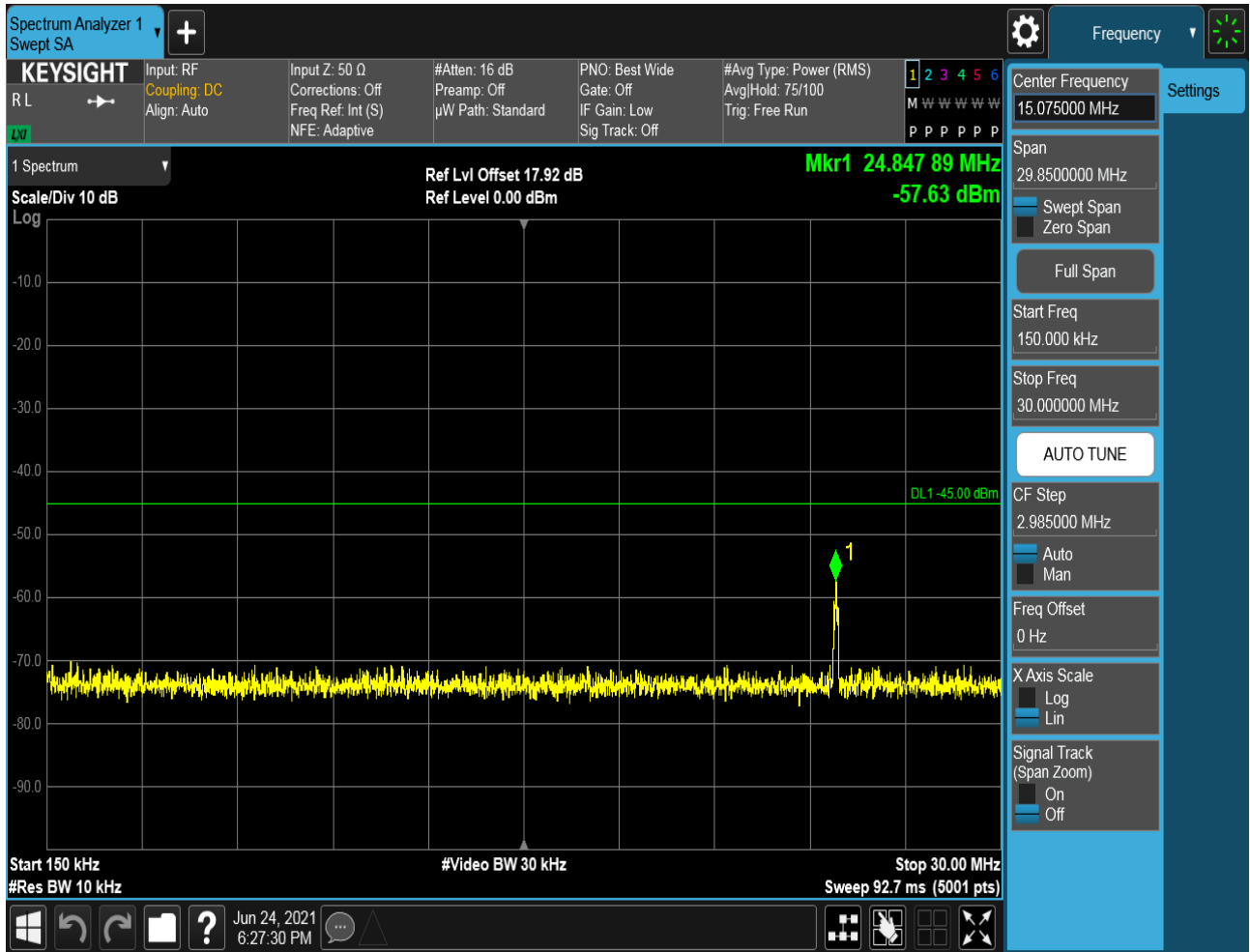


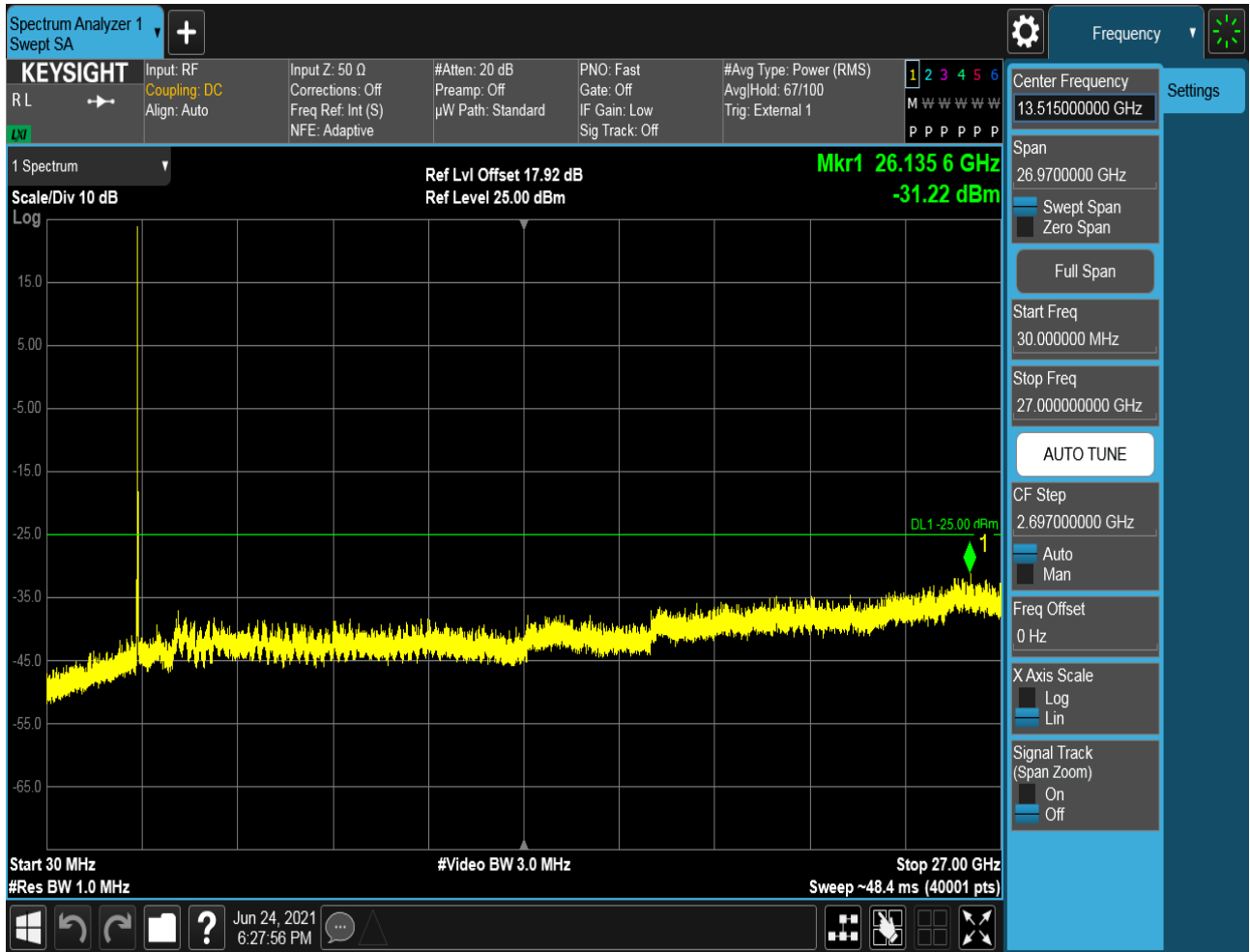


6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0



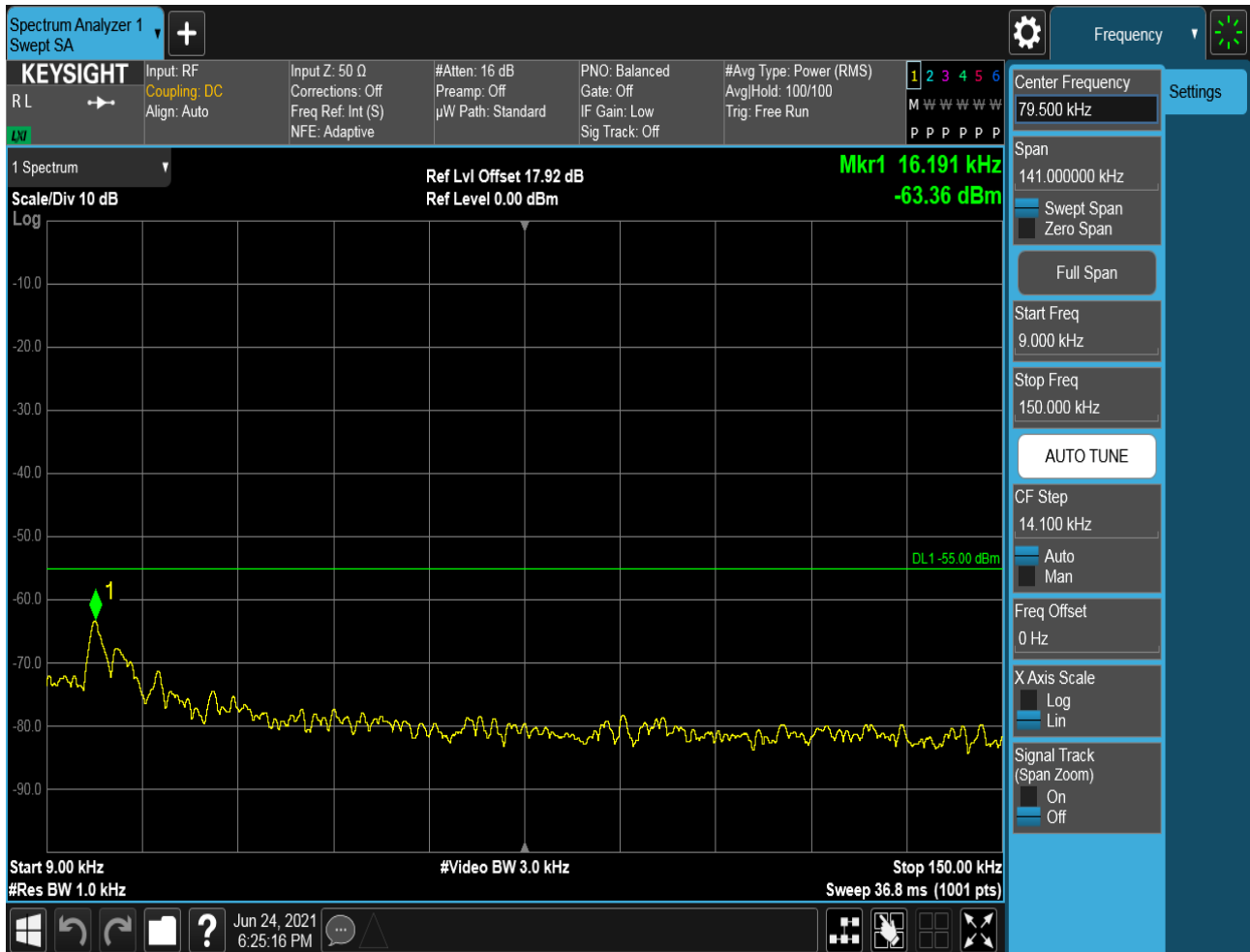


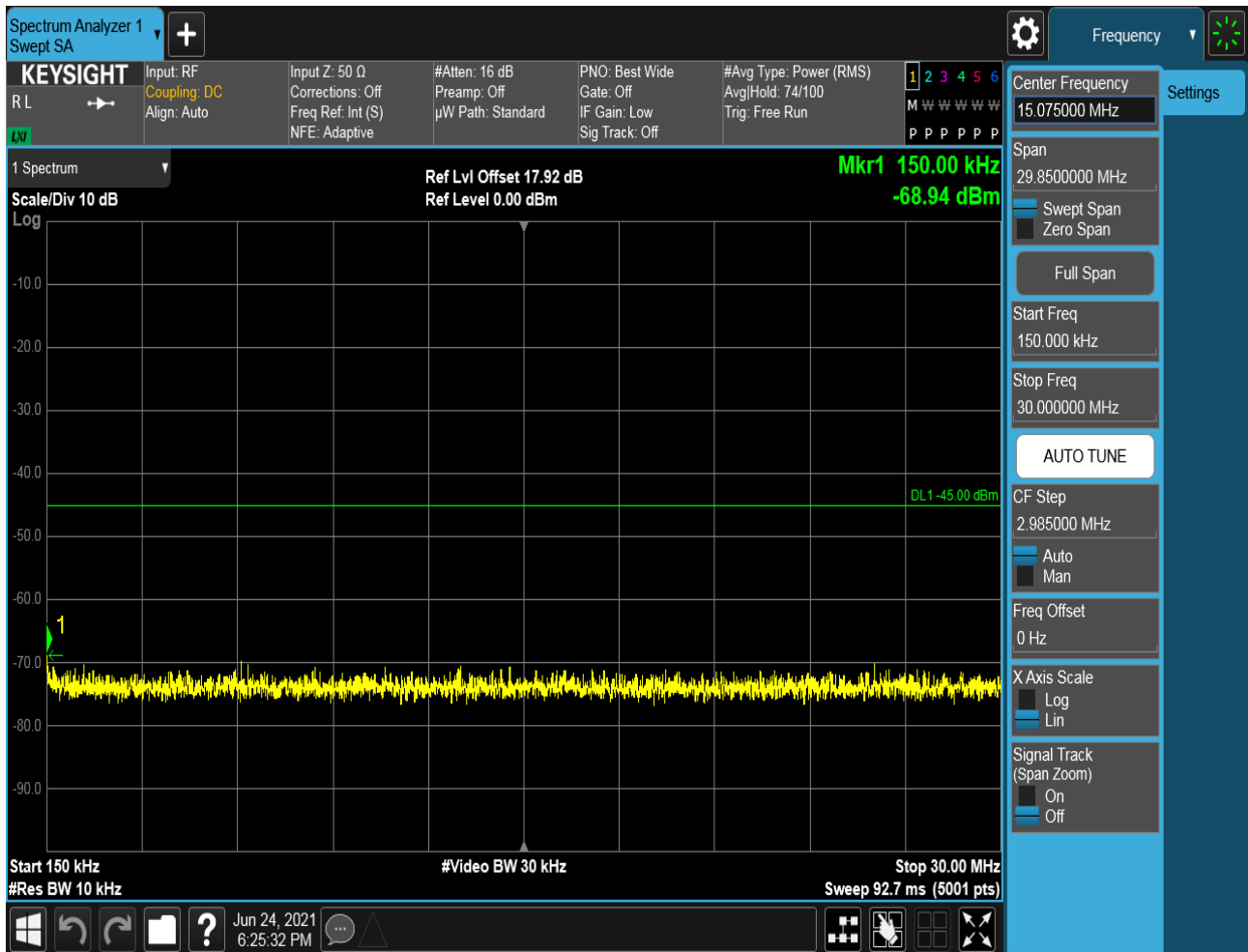


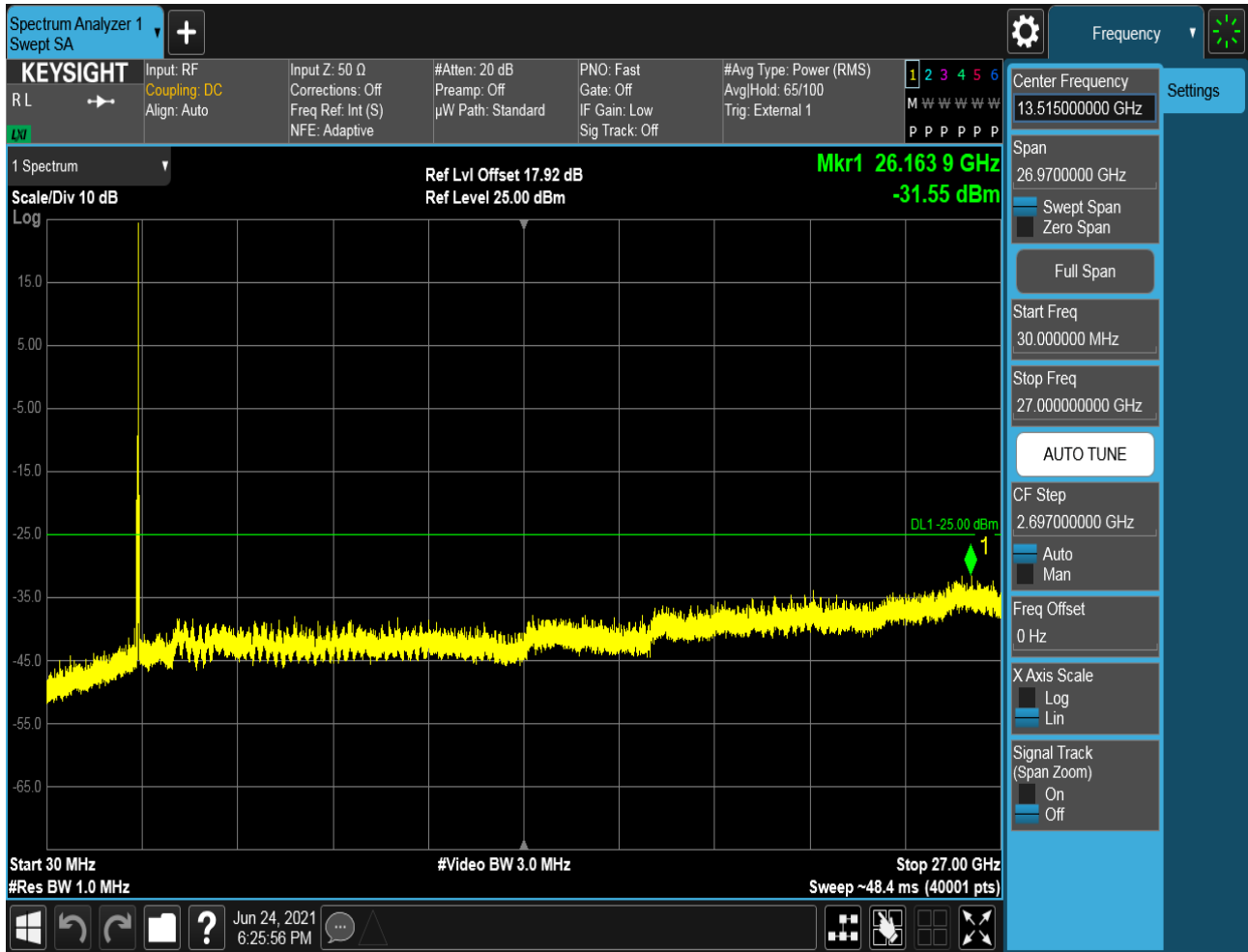


6.2.1.2.4.3 Test Channel = HCH

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

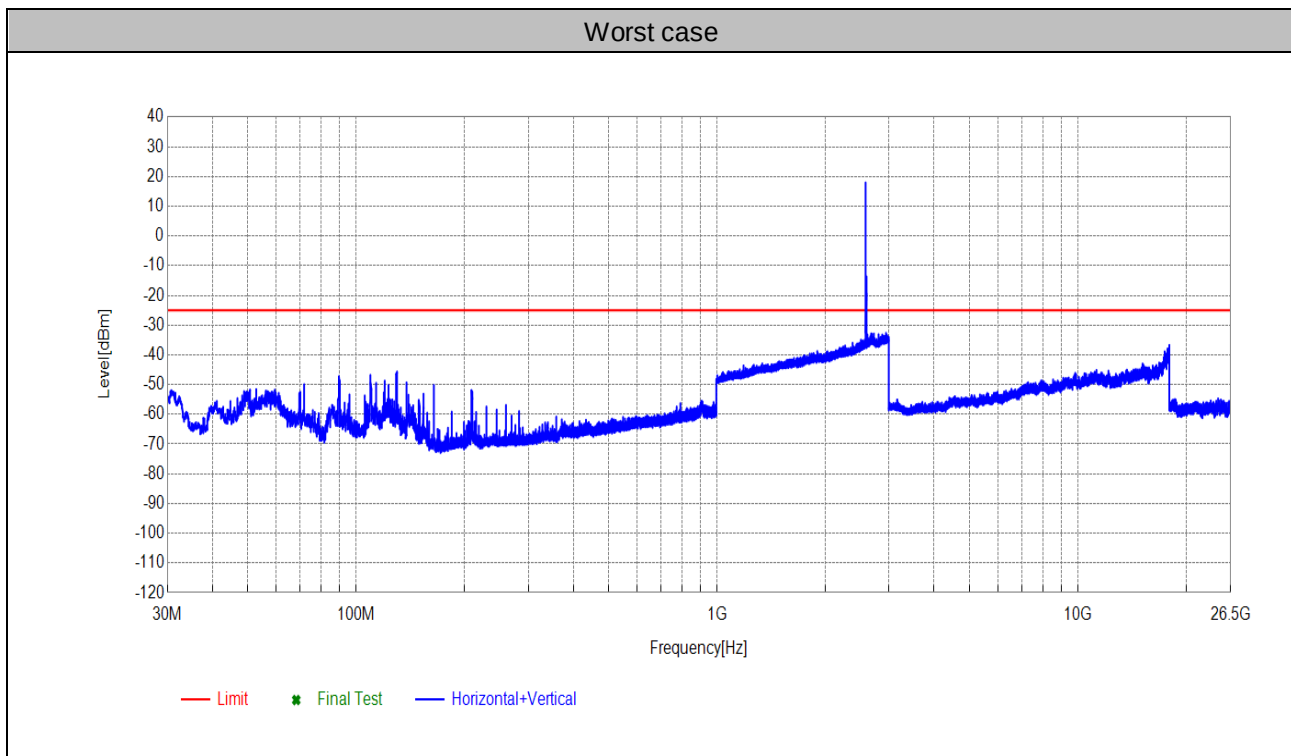
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

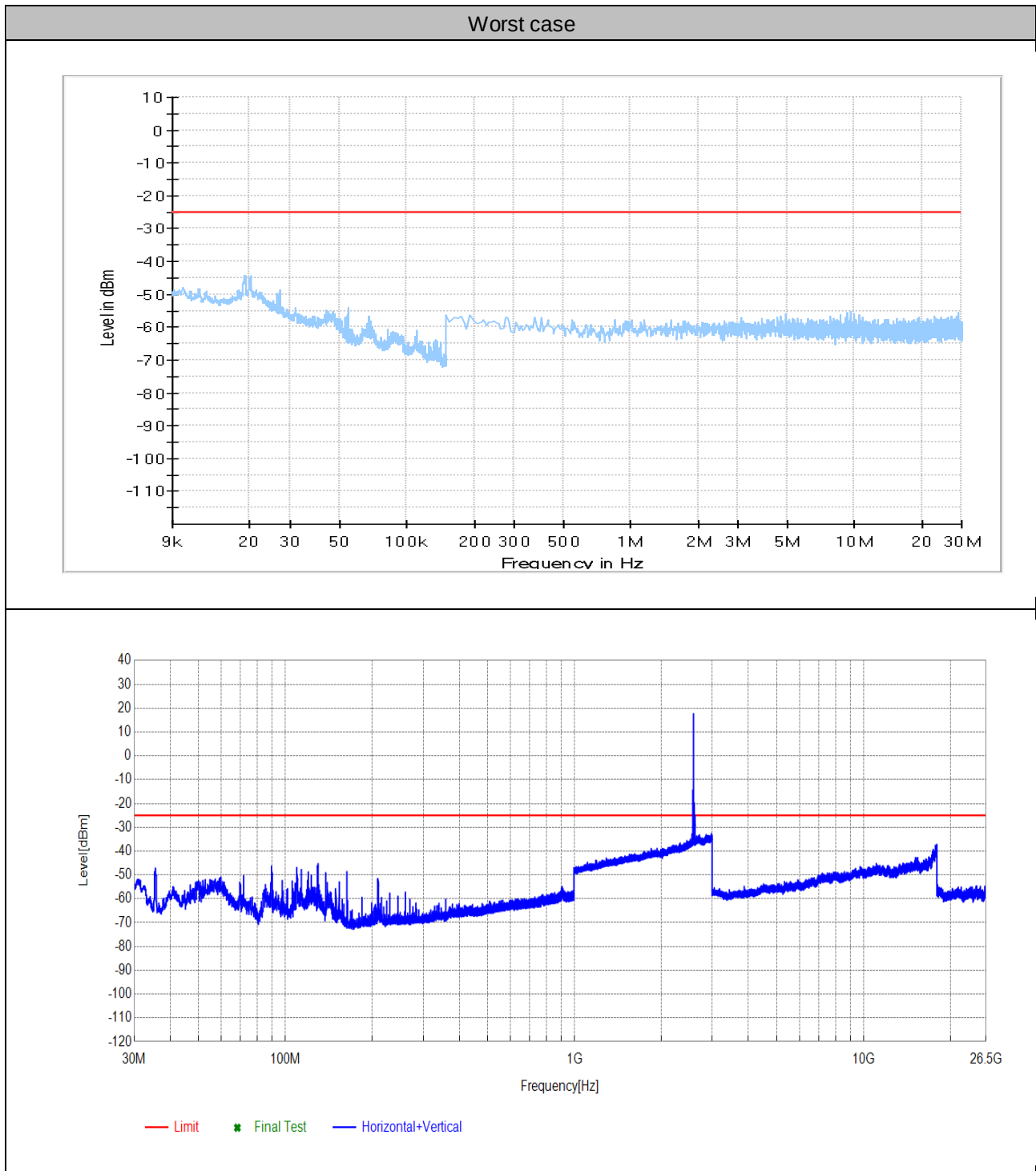
7.1 For LTE

7.1.1 Test Band = Band38

7.1.1.1 Test Bandwidth = 5MHz



7.1.1.2 Test Bandwidth = 20MHz



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
Band38	LTE/TM1	5	LCH	TN	VL	1.02010	0.00040	PASS
					VN	-7.35123	-0.00286	PASS
					VH	-10.16453	-0.00395	PASS
			MCH	TN	VL	-5.56037	-0.00214	PASS
					VN	-5.06441	-0.00195	PASS
					VH	-12.50227	-0.00482	PASS
			HCH	TN	VL	-0.78151	-0.00030	PASS
					VN	1.24554	0.00048	PASS
					VH	-3.02916	-0.00116	PASS
		10	LCH	TN	VL	-7.77694	-0.00302	PASS
					VN	-5.46865	-0.00212	PASS
					VH	-13.53381	-0.00526	PASS
			MCH	TN	VL	-10.18474	-0.00392	PASS
					VN	-6.47795	-0.00250	PASS
					VH	-10.40879	-0.00401	PASS
			HCH	TN	VL	-3.71818	-0.00142	PASS
					VN	-7.45556	-0.00285	PASS
					VH	-0.47092	-0.00018	PASS
		15	LCH	TN	VL	-6.58299	-0.00255	PASS
					VN	-8.77059	-0.00340	PASS
					VH	-9.70891	-0.00377	PASS
			MCH	TN	VL	-7.19071	-0.00277	PASS
					VN	-4.22977	-0.00163	PASS
					VH	-13.14497	-0.00507	PASS
			HCH	TN	VL	-12.04707	-0.00461	PASS
					VN	-10.10136	-0.00387	PASS
					VH	-12.94139	-0.00495	PASS
		20	LCH	TN	VL	-2.29336	-0.00089	PASS
					VN	-10.58924	-0.00410	PASS
					VH	-5.44560	-0.00211	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	TN	VL	-4.86547	-0.00187	PASS
					VN	-5.67598	-0.00219	PASS
					VH	-3.55103	-0.00137	PASS
			HCH	TN	VL	-7.17680	-0.00275	PASS
					VN	-13.55958	-0.00520	PASS
					VH	-6.25808	-0.00240	PASS
	LTE/TM2	5	LCH	TN	VL	1.70570	0.00066	PASS
					VN	-0.14091	-0.00005	PASS
					VH	-3.08650	-0.00120	PASS
			MCH	TN	VL	-5.48977	-0.00212	PASS
					VN	-1.69188	-0.00065	PASS
					VH	-2.38080	-0.00092	PASS
			HCH	TN	VL	-4.86107	-0.00186	PASS
					VN	0.30791	0.00012	PASS
					VH	-1.78262	-0.00068	PASS
		10	LCH	TN	VL	-9.75648	-0.00379	PASS
					VN	-8.73000	-0.00339	PASS
					VH	-12.01201	-0.00466	PASS
			MCH	TN	VL	-6.07887	-0.00234	PASS
					VN	-5.81291	-0.00224	PASS
					VH	-3.68153	-0.00142	PASS
			HCH	TN	VL	-7.08393	-0.00271	PASS
					VN	-3.52536	-0.00135	PASS
					VH	-8.87224	-0.00339	PASS
		15	LCH	TN	VL	-9.25113	-0.00359	PASS
					VN	-8.95642	-0.00347	PASS
					VH	-8.42446	-0.00327	PASS
			MCH	TN	VL	-2.55500	-0.00098	PASS
					VN	-4.48067	-0.00173	PASS
					VH	-10.52765	-0.00406	PASS
			HCH	TN	VL	-8.84537	-0.00339	PASS
					VN	-10.16945	-0.00389	PASS
					VH	-14.35556	-0.00549	PASS
		20	LCH	TN	VL	-6.70904	-0.00260	PASS
					VN	-9.68273	-0.00375	PASS
					VH	-7.92748	-0.00307	PASS
			MCH	TN	VL	-6.33899	-0.00244	PASS
					VN	-7.29101	-0.00281	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	-9.62819	-0.00371	PASS
					VL	-8.65934	-0.00332	PASS
					VN	-5.80767	-0.00223	PASS
					VH	-9.48181	-0.00363	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
Band38	LTE/TM1	5	LCH	VN	-30	-18.13848	-0.00705	PASS
					-20	-7.54646	-0.00293	PASS
					-10	-11.47092	-0.00446	PASS
					0	-13.33295	-0.00518	PASS
					10	-11.07542	-0.00431	PASS
					20	-7.35123	-0.00286	PASS
					30	-8.02864	-0.00312	PASS
					40	-17.04382	-0.00663	PASS
					50	-17.03036	-0.00662	PASS
			MCH	VN	-30	-6.46882	-0.00249	PASS
					-20	-4.63733	-0.00179	PASS
					-10	-4.41827	-0.00170	PASS
					0	-3.20559	-0.00124	PASS
					10	-6.40615	-0.00247	PASS
					20	-5.06441	-0.00195	PASS
					30	-5.80899	-0.00224	PASS
					40	-6.48173	-0.00250	PASS
					50	-6.51251	-0.00251	PASS
			HCH	VN	-30	-6.53553	-0.00250	PASS
					-20	-0.14826	-0.00006	PASS
					-10	-4.70975	-0.00180	PASS
					0	0.58945	0.00023	PASS
					10	-3.63466	-0.00139	PASS
					20	1.24554	0.00048	PASS
					30	-6.18784	-0.00236	PASS
					40	-3.14761	-0.00120	PASS
					50	9.20698	0.00352	PASS
		10	LCH	VN	-30	-9.65793	-0.00375	PASS
					-20	-9.11801	-0.00354	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-5.52879	-0.00215	PASS
					0	-7.83036	-0.00304	PASS
					10	-4.79600	-0.00186	PASS
					20	-5.46865	-0.00212	PASS
					30	-7.24056	-0.00281	PASS
					40	-7.75105	-0.00301	PASS
					50	-8.35899	-0.00325	PASS
			MCH	VN	-30	-7.46471	-0.00288	PASS
					-20	-10.18632	-0.00393	PASS
					-10	-8.92845	-0.00344	PASS
					0	-3.54273	-0.00137	PASS
					10	-4.84461	-0.00187	PASS
					20	-6.47795	-0.00250	PASS
					30	-15.34590	-0.00591	PASS
					40	-8.86028	-0.00341	PASS
					50	-8.06226	-0.00311	PASS
			HCH	VN	-30	-2.39688	-0.00092	PASS
					-20	-6.08435	-0.00233	PASS
					-10	-2.73285	-0.00105	PASS
					0	-5.57228	-0.00213	PASS
					10	-5.51669	-0.00211	PASS
					20	-7.45556	-0.00285	PASS
					30	-6.93358	-0.00265	PASS
					40	-5.60254	-0.00214	PASS
					50	-4.06233	-0.00155	PASS
		15	LCH	VN	-30	-9.78747	-0.00380	PASS
					-20	-8.70573	-0.00338	PASS
					-10	-10.80092	-0.00419	PASS
					0	-9.50707	-0.00369	PASS
					10	-7.94672	-0.00308	PASS
					20	-8.77059	-0.00340	PASS
					30	-8.11231	-0.00315	PASS
					40	-4.08343	-0.00158	PASS
					50	-9.66271	-0.00375	PASS
			MCH	VN	-30	-7.29972	-0.00281	PASS
					-20	-5.79948	-0.00223	PASS
					-10	-3.33475	-0.00129	PASS
					0	-9.34581	-0.00360	PASS
					10	-6.60971	-0.00255	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	-4.22977	-0.00163	PASS
					30	-9.02877	-0.00348	PASS
					40	-10.88530	-0.00419	PASS
					50	-13.42777	-0.00517	PASS
			HCH	VN	-30	-10.96892	-0.00420	PASS
					-20	-9.74106	-0.00373	PASS
					-10	-7.32962	-0.00281	PASS
					0	-9.22639	-0.00353	PASS
					10	-13.34210	-0.00511	PASS
					20	-10.10136	-0.00387	PASS
					30	-5.05694	-0.00194	PASS
					40	-7.12395	-0.00273	PASS
					50	-9.00591	-0.00345	PASS
		20	LCH	VN	-30	-8.15884	-0.00316	PASS
					-20	-6.03955	-0.00234	PASS
					-10	-6.99513	-0.00271	PASS
					0	-9.98591	-0.00387	PASS
					10	-9.80137	-0.00380	PASS
					20	-10.58924	-0.00410	PASS
					30	-5.06177	-0.00196	PASS
					40	-6.87438	-0.00266	PASS
					50	-7.18268	-0.00278	PASS
			MCH	VN	-30	-7.58156	-0.00292	PASS
					-20	-12.22706	-0.00471	PASS
					-10	-6.12887	-0.00236	PASS
					0	-11.62456	-0.00448	PASS
					10	-4.19135	-0.00162	PASS
					20	-5.67598	-0.00219	PASS
					30	-9.28011	-0.00358	PASS
					40	-10.55835	-0.00407	PASS
					50	-9.29086	-0.00358	PASS
			HCH	VN	-30	-6.44170	-0.00247	PASS
					-20	-6.44602	-0.00247	PASS
					-10	-12.83177	-0.00492	PASS
					0	-6.77658	-0.00260	PASS
					10	-11.32613	-0.00434	PASS
					20	-13.55958	-0.00520	PASS
					30	-12.04266	-0.00461	PASS
					40	-7.55577	-0.00289	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	5	LCH	VN	50	-6.85680	-0.00263	PASS
					-30	-3.89155	-0.00151	PASS
					-20	0.91022	0.00035	PASS
					-10	0.61600	0.00024	PASS
					0	0.50291	0.00020	PASS
					10	7.20213	0.00280	PASS
					20	-0.14091	-0.00005	PASS
					30	0.27019	0.00011	PASS
					40	1.69492	0.00066	PASS
					50	-1.95031	-0.00076	PASS
			MCH	VN	-30	-0.37766	-0.00015	PASS
					-20	-5.09624	-0.00196	PASS
					-10	2.26772	0.00087	PASS
					0	-3.53254	-0.00136	PASS
					10	-7.32456	-0.00282	PASS
					20	-1.69188	-0.00065	PASS
					30	-3.18040	-0.00123	PASS
					40	3.89651	0.00150	PASS
					50	-0.69662	-0.00027	PASS
			HCH	VN	-30	0.13155	0.00005	PASS
					-20	-2.58470	-0.00099	PASS
					-10	-4.49779	-0.00172	PASS
					0	1.80157	0.00069	PASS
					10	-5.48102	-0.00209	PASS
					20	0.30791	0.00012	PASS
					30	-0.09183	-0.00004	PASS
					40	-2.34539	-0.00090	PASS
					50	-0.11936	-0.00005	PASS
		10	LCH	VN	-30	-7.19913	-0.00280	PASS
					-20	-1.97432	-0.00077	PASS
					-10	-8.91299	-0.00346	PASS
					0	-12.39321	-0.00481	PASS
					10	-10.41238	-0.00404	PASS
					20	-8.73000	-0.00339	PASS
					30	-4.70341	-0.00183	PASS
					40	-7.29974	-0.00283	PASS
					50	-3.79094	-0.00147	PASS
			MCH	VN	-30	-7.31626	-0.00282	PASS
					-20	-5.17507	-0.00199	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-9.87194	-0.00380	PASS
					0	-7.16324	-0.00276	PASS
					10	-6.84844	-0.00264	PASS
					20	-5.81291	-0.00224	PASS
					30	-8.40043	-0.00324	PASS
					40	-7.14344	-0.00275	PASS
					50	-13.12482	-0.00506	PASS
			HCH	VN	-30	-5.83993	-0.00223	PASS
					-20	-5.47331	-0.00209	PASS
					-10	-5.19843	-0.00199	PASS
					0	-6.72858	-0.00257	PASS
					10	-3.03248	-0.00116	PASS
					20	-3.52536	-0.00135	PASS
					30	-3.96367	-0.00152	PASS
					40	-6.08615	-0.00233	PASS
					50	-4.47568	-0.00171	PASS
		15	LCH	VN	-30	-9.33988	-0.00362	PASS
					-20	-10.25671	-0.00398	PASS
					-10	-11.93405	-0.00463	PASS
					0	-10.08636	-0.00391	PASS
					10	-3.90728	-0.00152	PASS
					20	-8.95642	-0.00347	PASS
					30	-10.04092	-0.00390	PASS
					40	-4.60264	-0.00179	PASS
					50	-9.81930	-0.00381	PASS
			MCH	VN	-30	-6.18204	-0.00238	PASS
					-20	-3.72851	-0.00144	PASS
					-10	-7.17051	-0.00276	PASS
					0	-2.81739	-0.00109	PASS
					10	-8.56863	-0.00330	PASS
					20	-4.48067	-0.00173	PASS
					30	-11.95950	-0.00461	PASS
					40	-11.35483	-0.00438	PASS
					50	-7.45257	-0.00287	PASS
			HCH	VN	-30	-6.17729	-0.00236	PASS
					-20	-12.35223	-0.00473	PASS
					-10	-6.32683	-0.00242	PASS
					0	-5.09156	-0.00195	PASS
					10	-6.83784	-0.00262	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	-10.16945	-0.00389	PASS
					30	-1.63437	-0.00063	PASS
					40	-4.32988	-0.00166	PASS
					50	-7.15889	-0.00274	PASS
		20	LCH	VN	-30	-7.59922	-0.00295	PASS
					-20	-5.24193	-0.00203	PASS
					-10	-7.53675	-0.00292	PASS
					0	-7.70227	-0.00299	PASS
					10	-10.48451	-0.00406	PASS
					20	-9.68273	-0.00375	PASS
					30	-4.15331	-0.00161	PASS
					40	-7.15390	-0.00277	PASS
					50	-6.06923	-0.00235	PASS
			MCH	VN	-30	-7.84329	-0.00302	PASS
					-20	-5.23310	-0.00202	PASS
					-10	-6.92057	-0.00267	PASS
					0	-7.80177	-0.00301	PASS
					10	-12.80973	-0.00494	PASS
					20	-7.29101	-0.00281	PASS
					30	-6.16479	-0.00238	PASS
					40	-4.37222	-0.00168	PASS
					50	-4.77667	-0.00184	PASS
			HCH	VN	-30	-5.71012	-0.00219	PASS
					-20	-6.36209	-0.00244	PASS
					-10	-10.83796	-0.00415	PASS
					0	-7.70000	-0.00295	PASS
					10	-9.31918	-0.00357	PASS
					20	-5.80767	-0.00223	PASS
					30	-3.46118	-0.00133	PASS
					40	-8.75506	-0.00335	PASS
					50	-8.06332	-0.00309	PASS

END