

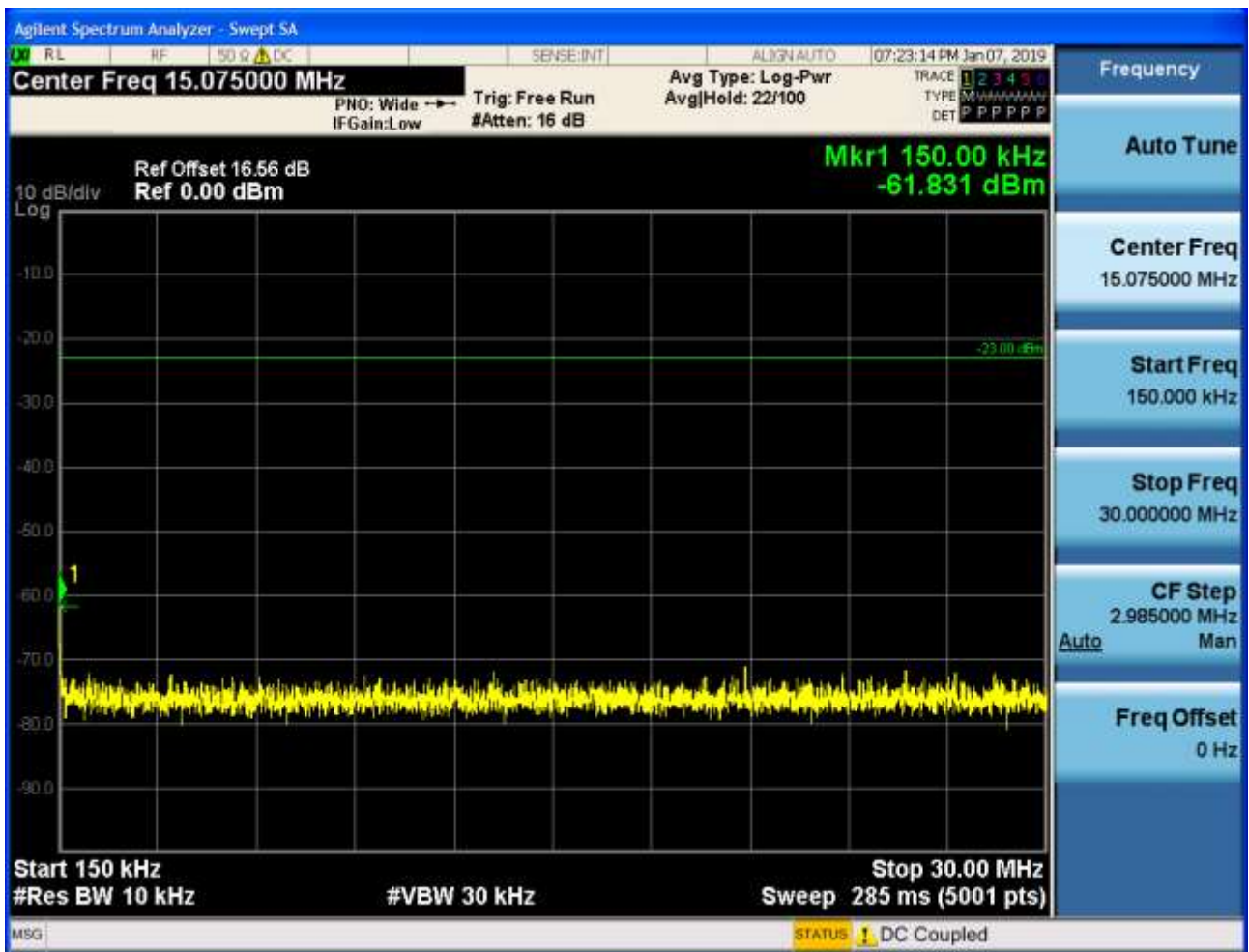
6.2.1.2 Test Mode = LTE/TM2

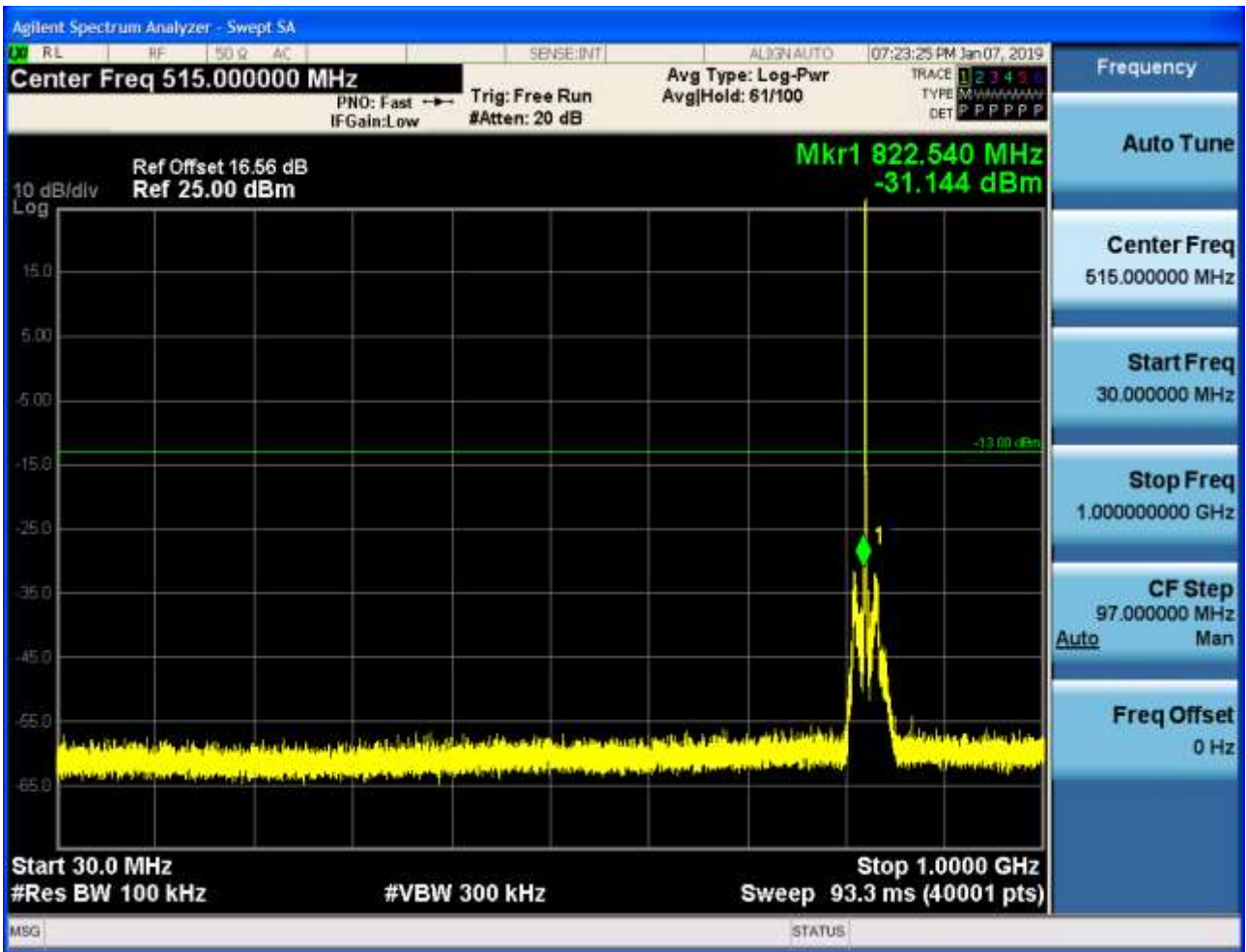
6.2.1.2.1 Test Bandwidth = 1.4

6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 Test RB = RB1#0



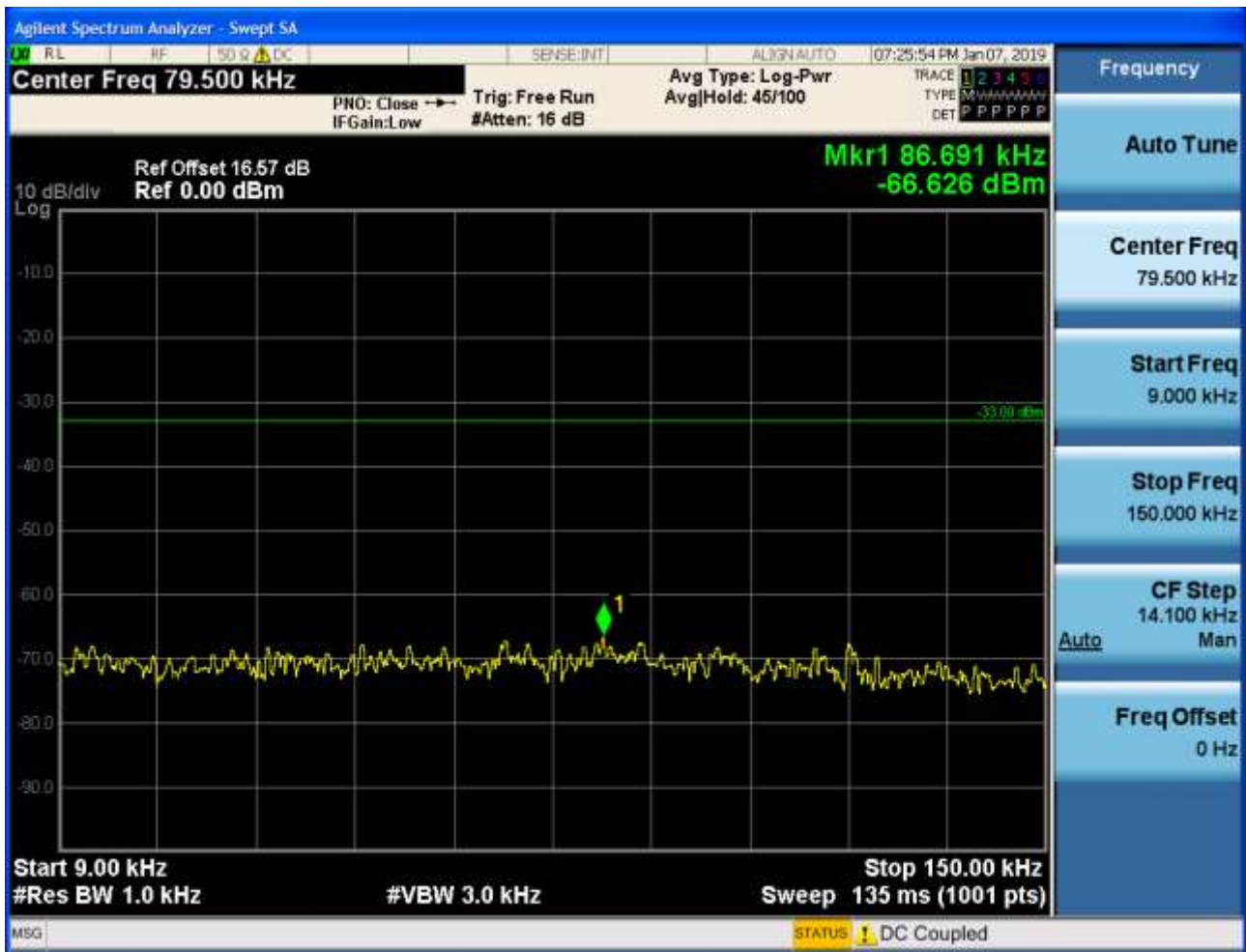


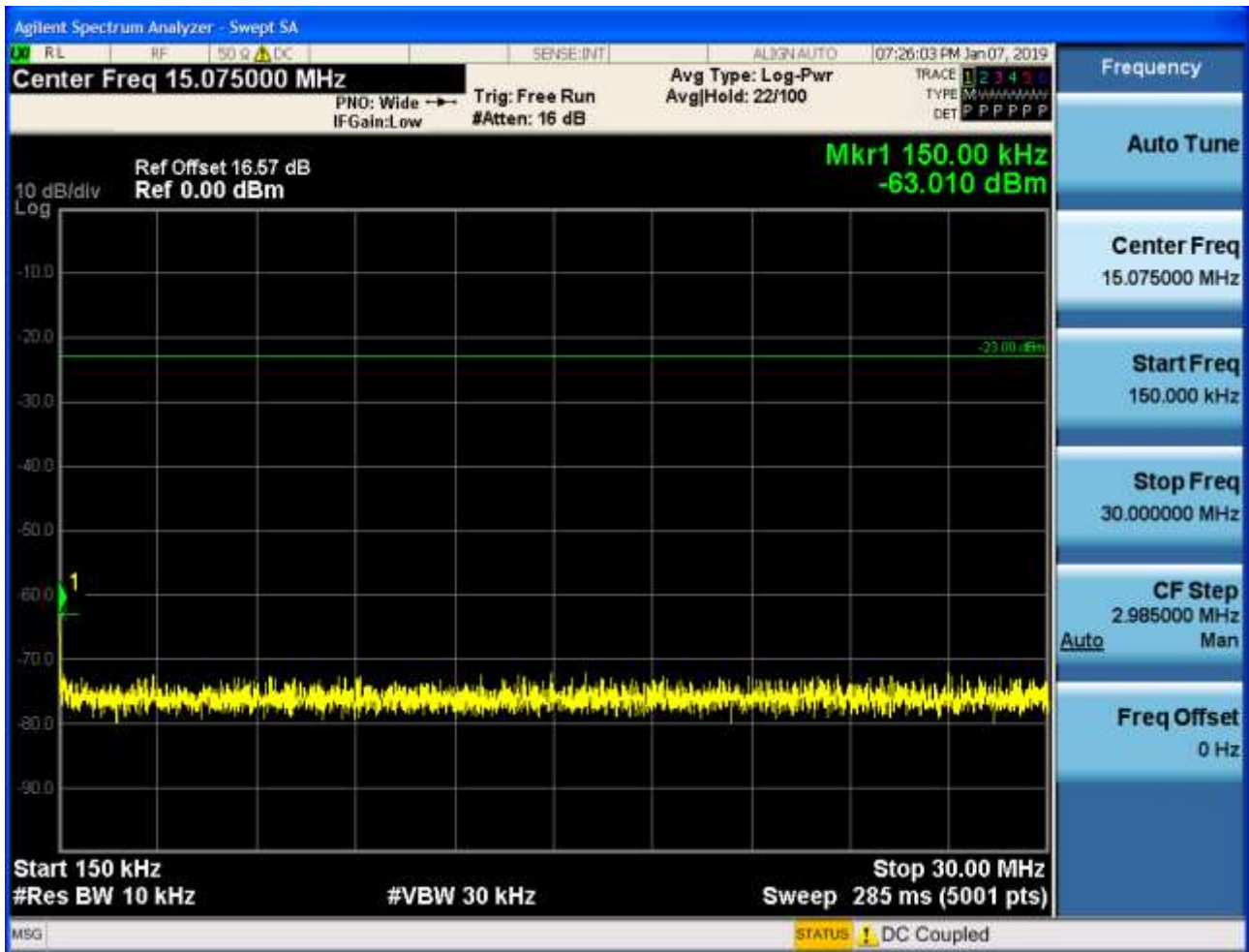


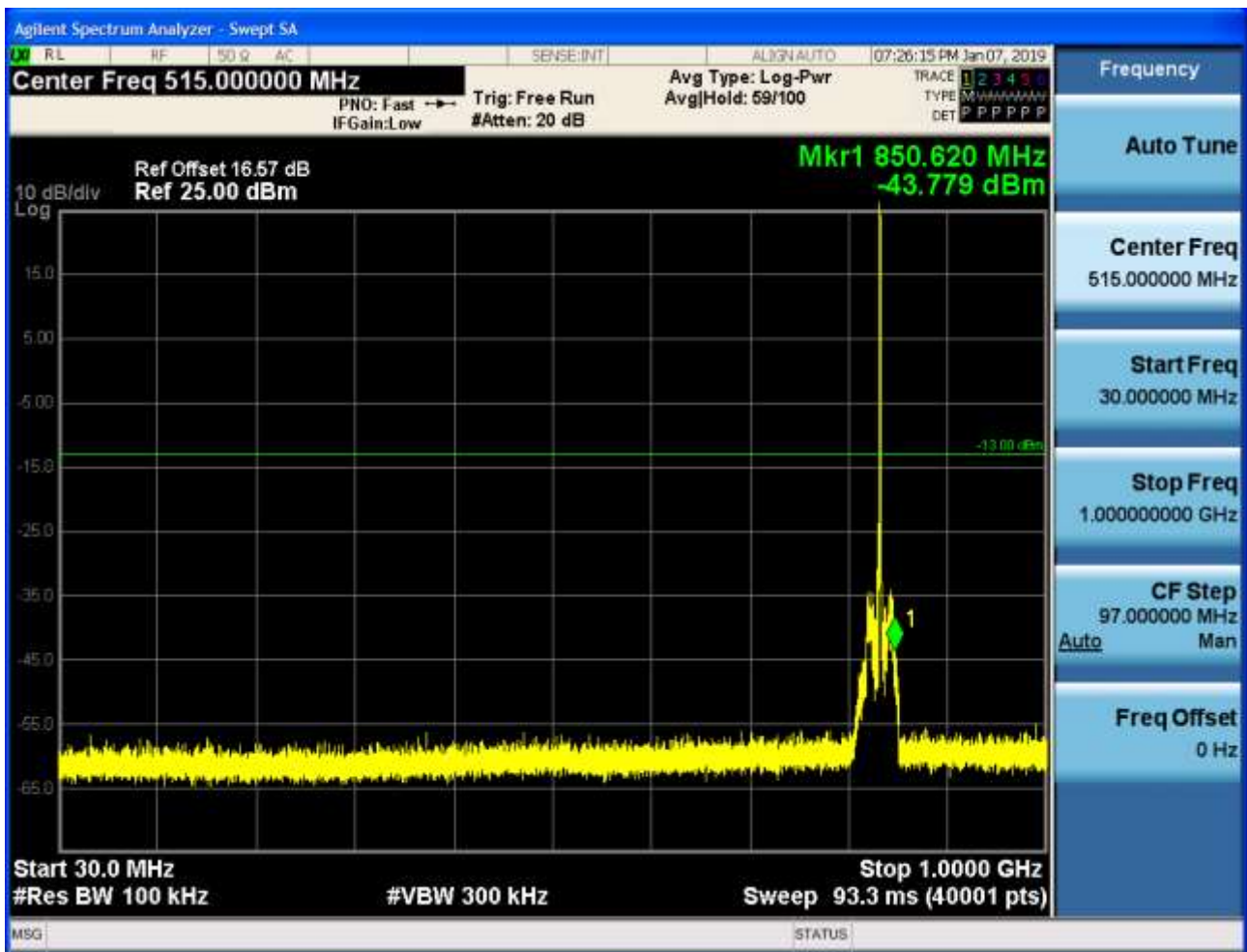


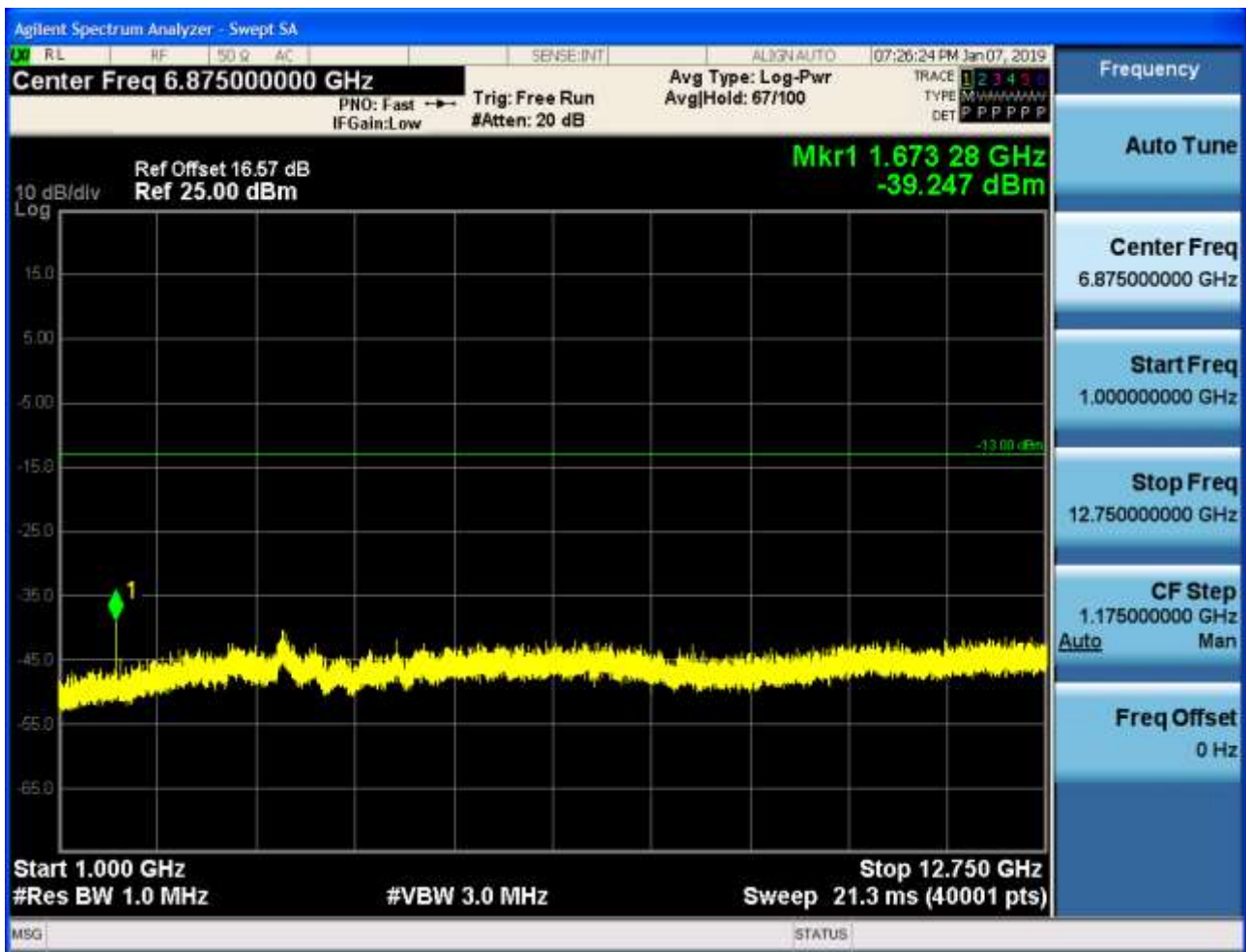
6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0



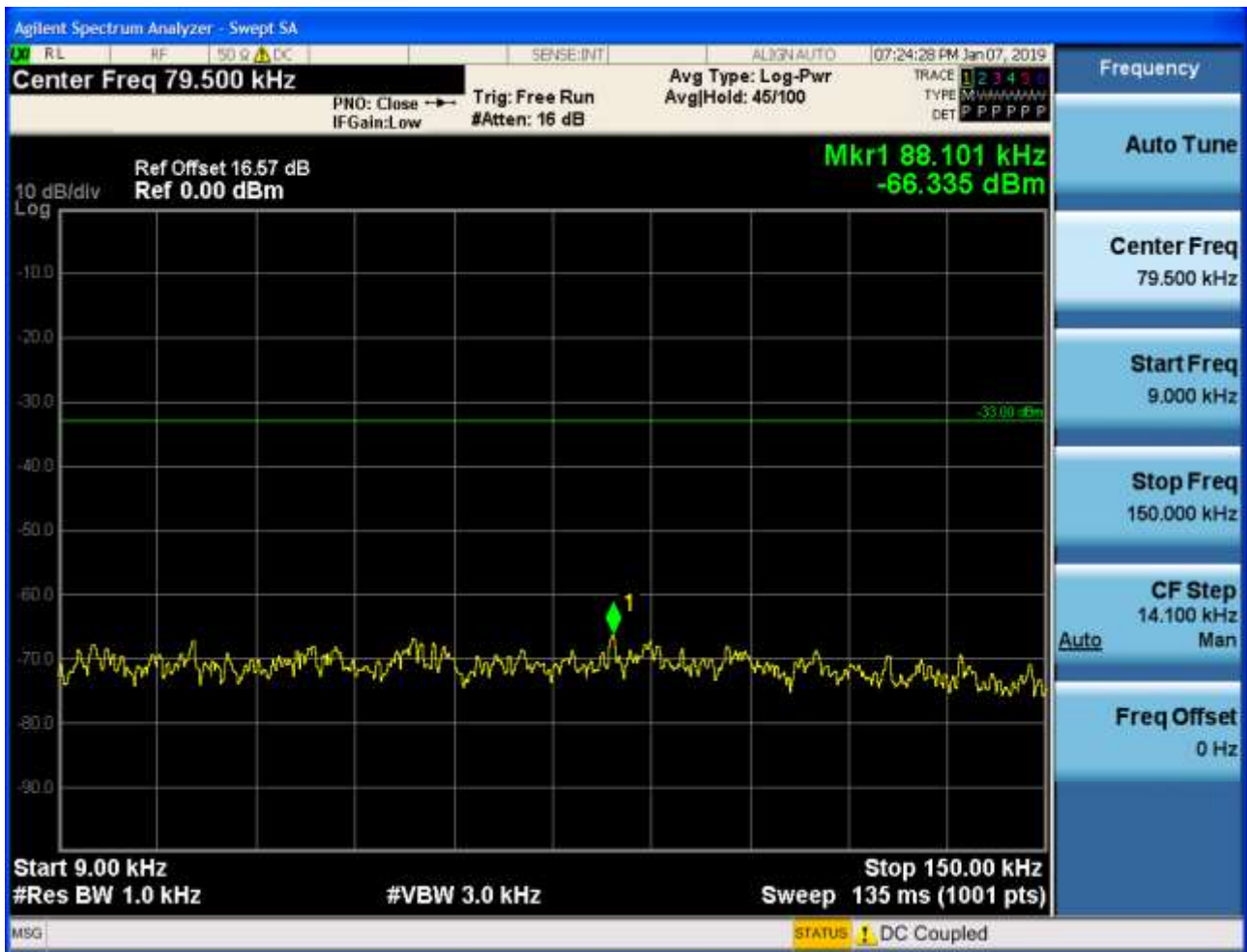


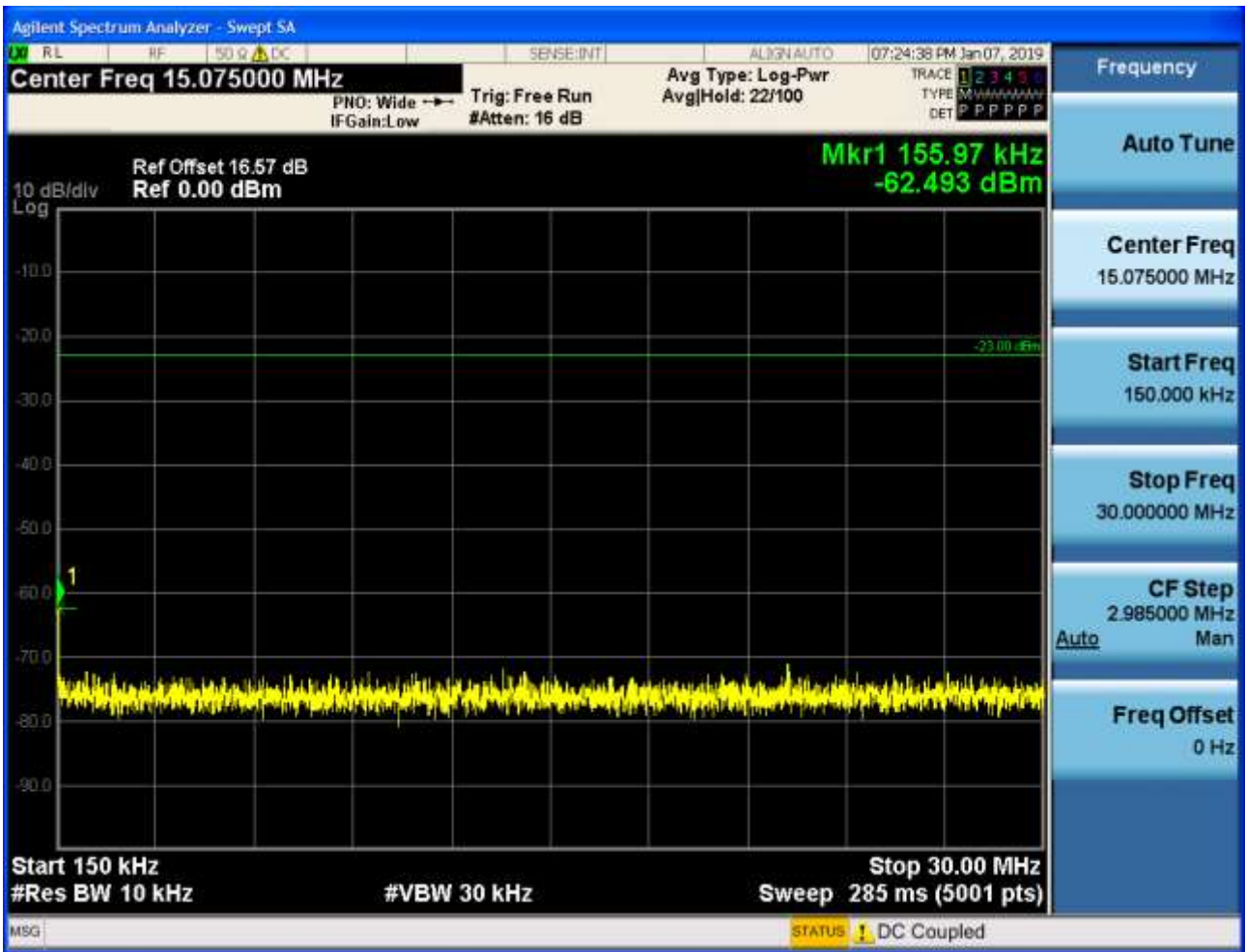


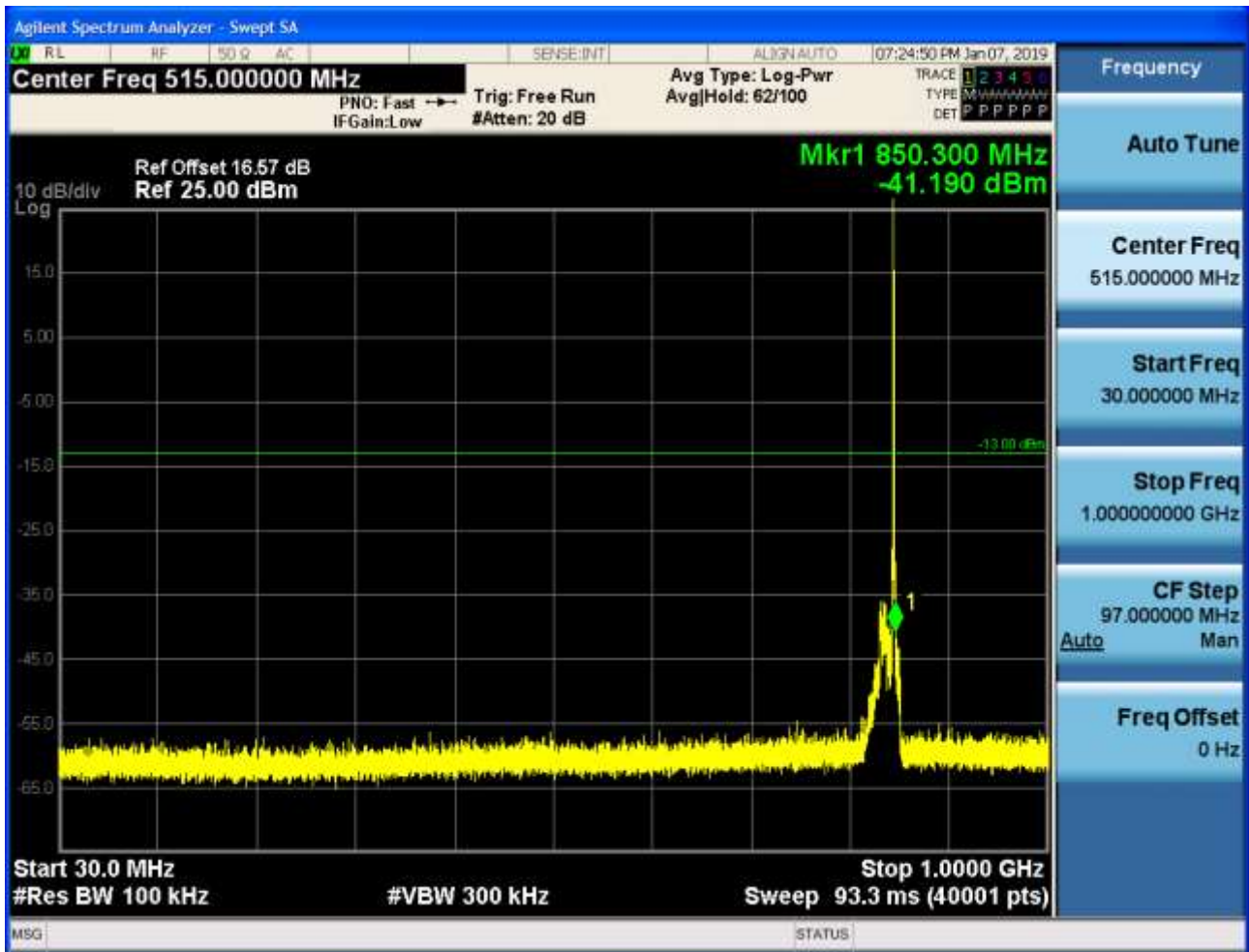


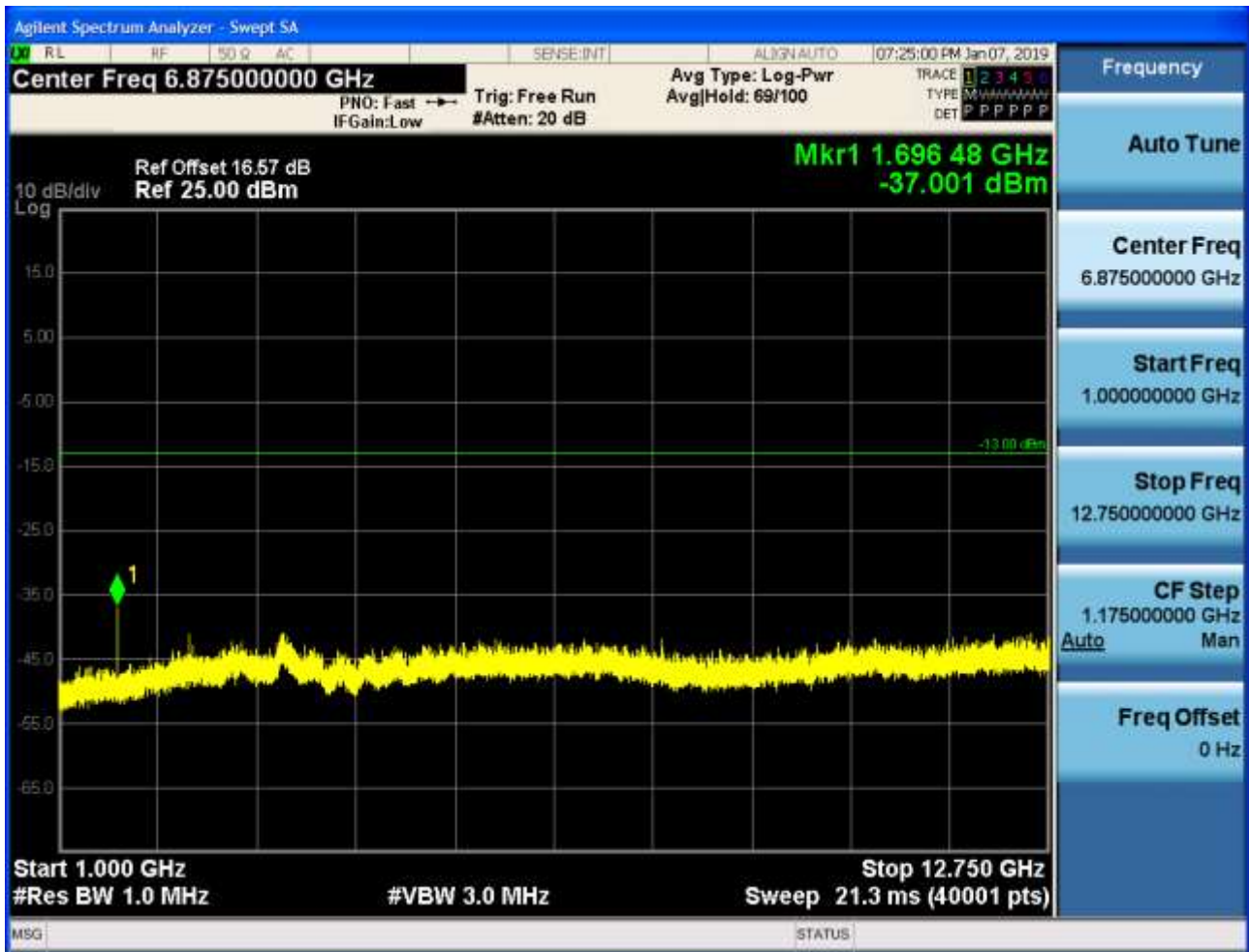
6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0





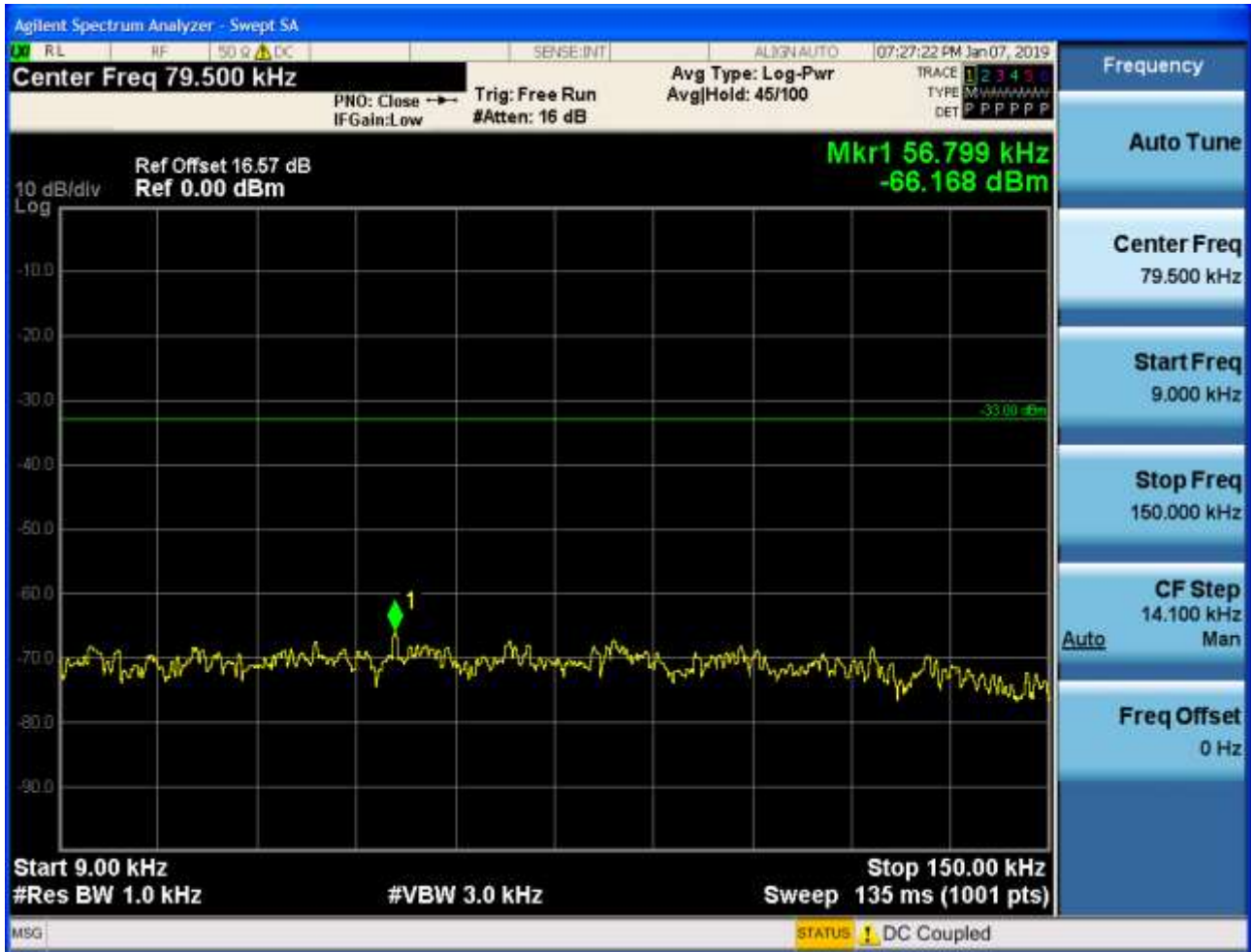


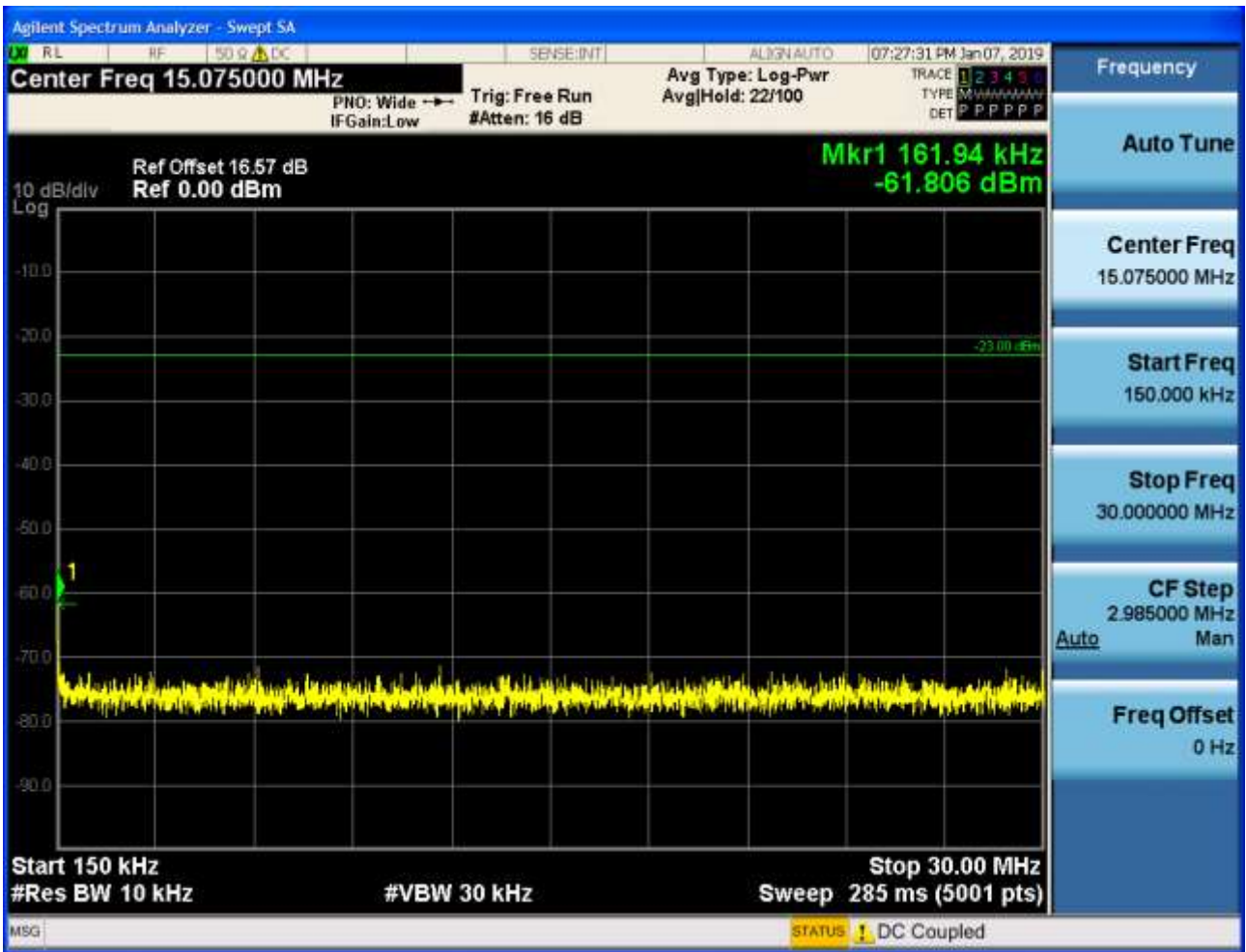


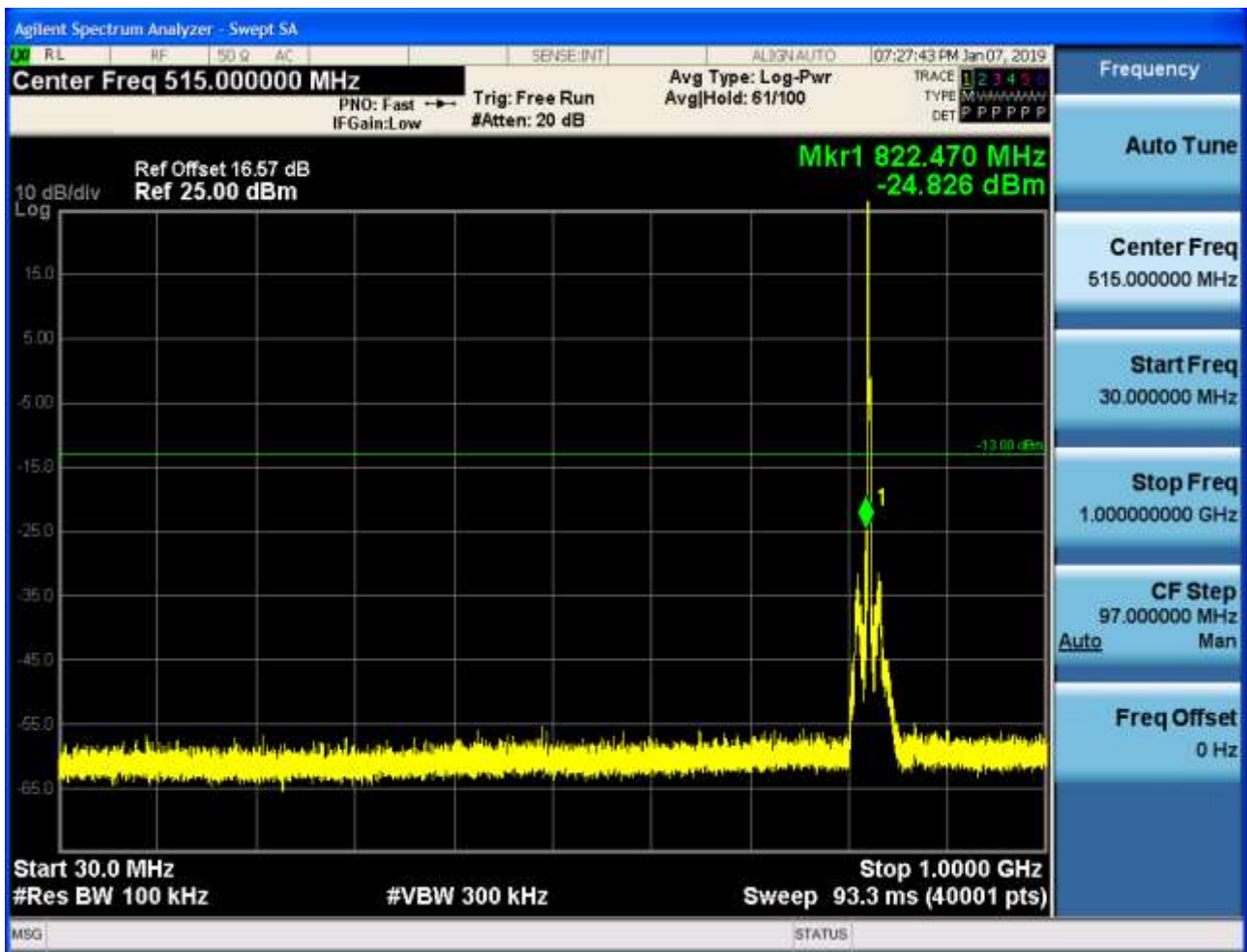
6.2.1.2.2 Test Bandwidth = 3

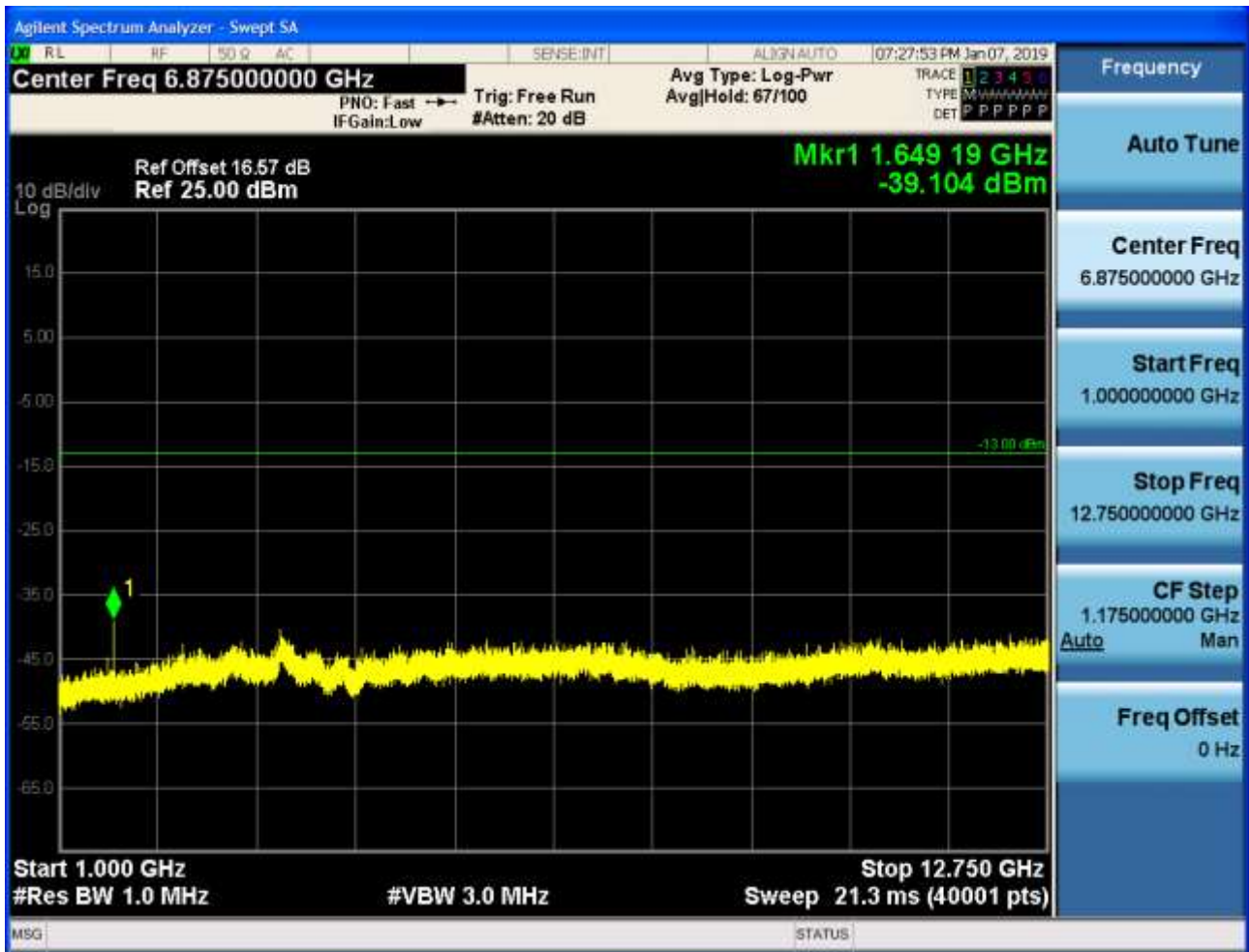
6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0



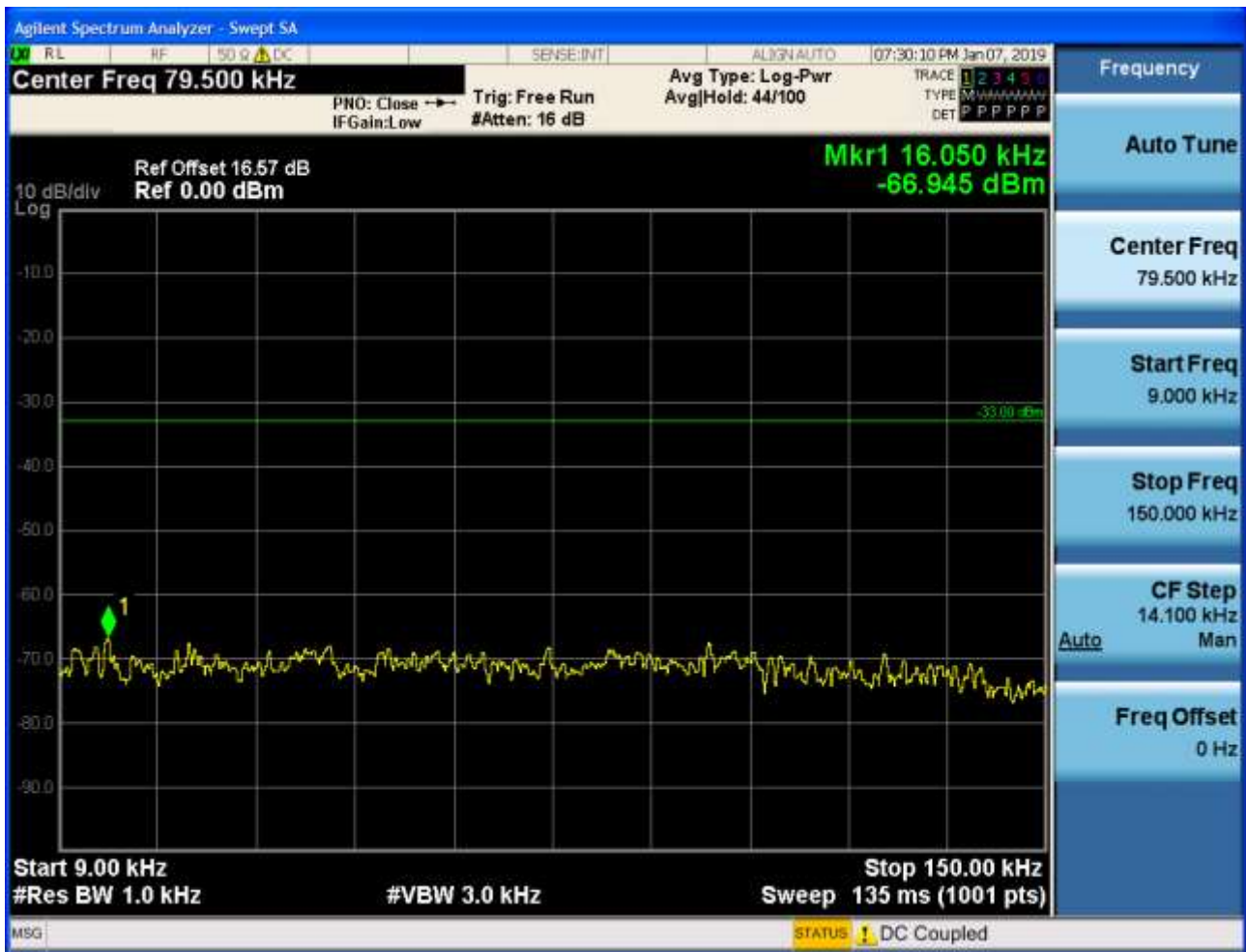


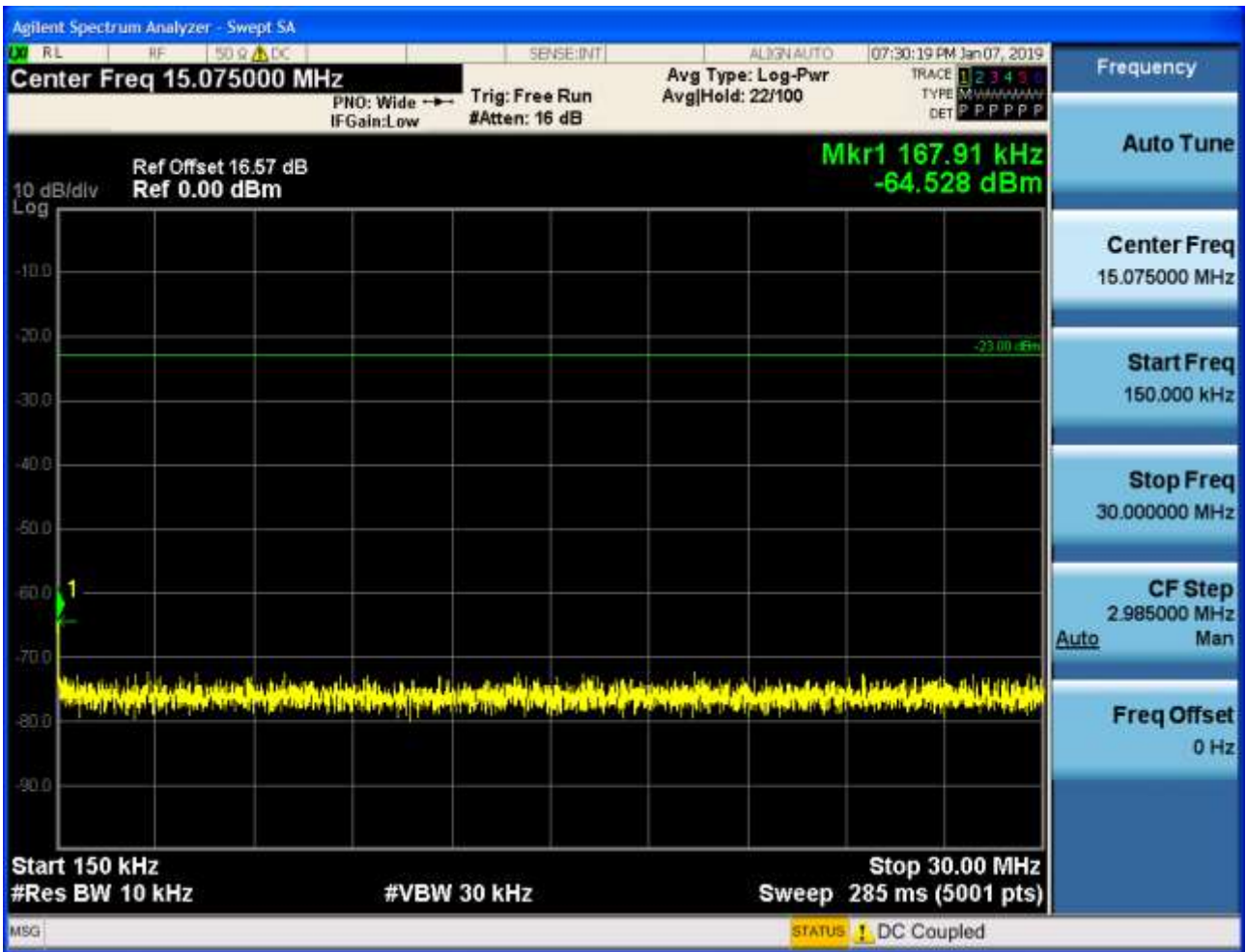


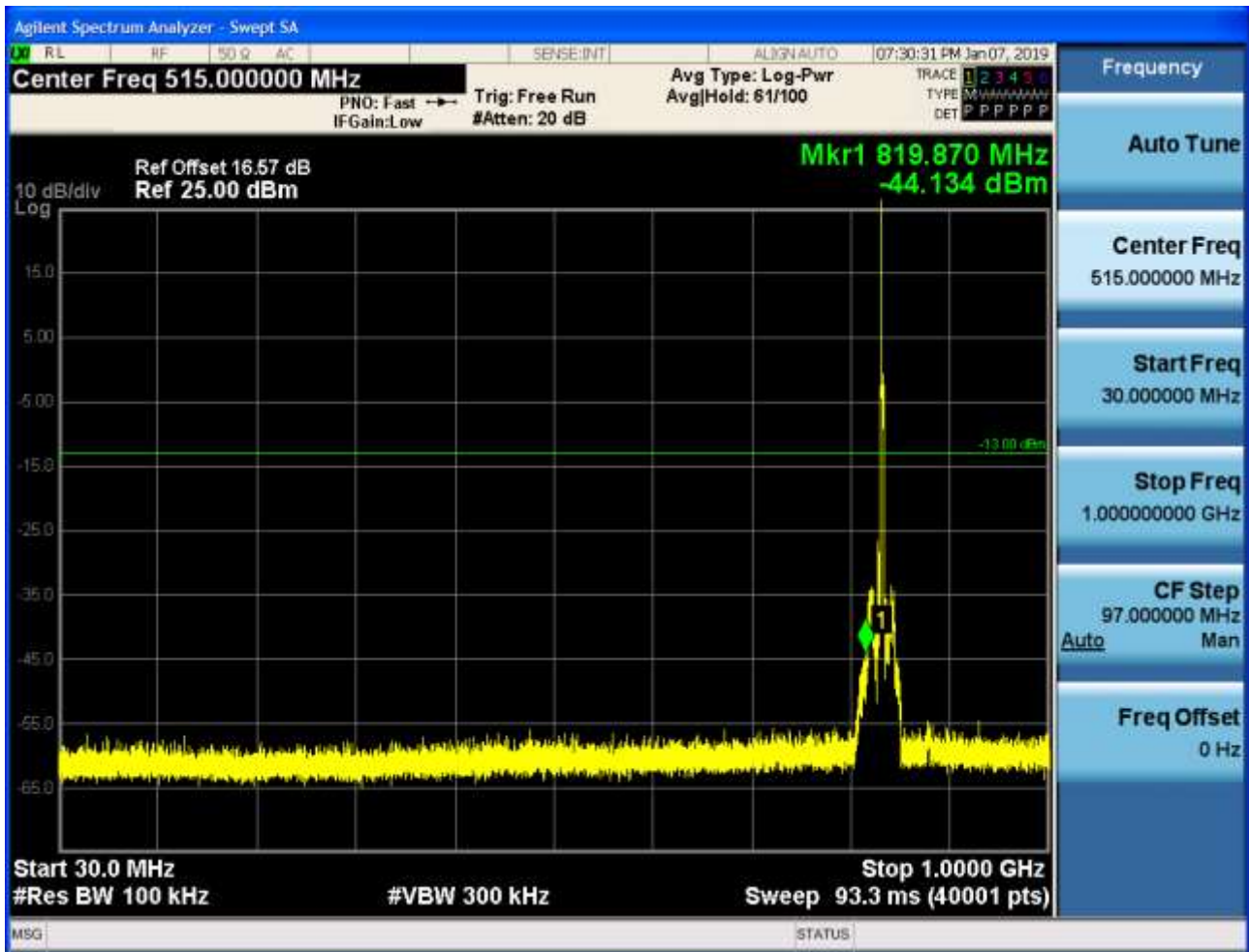


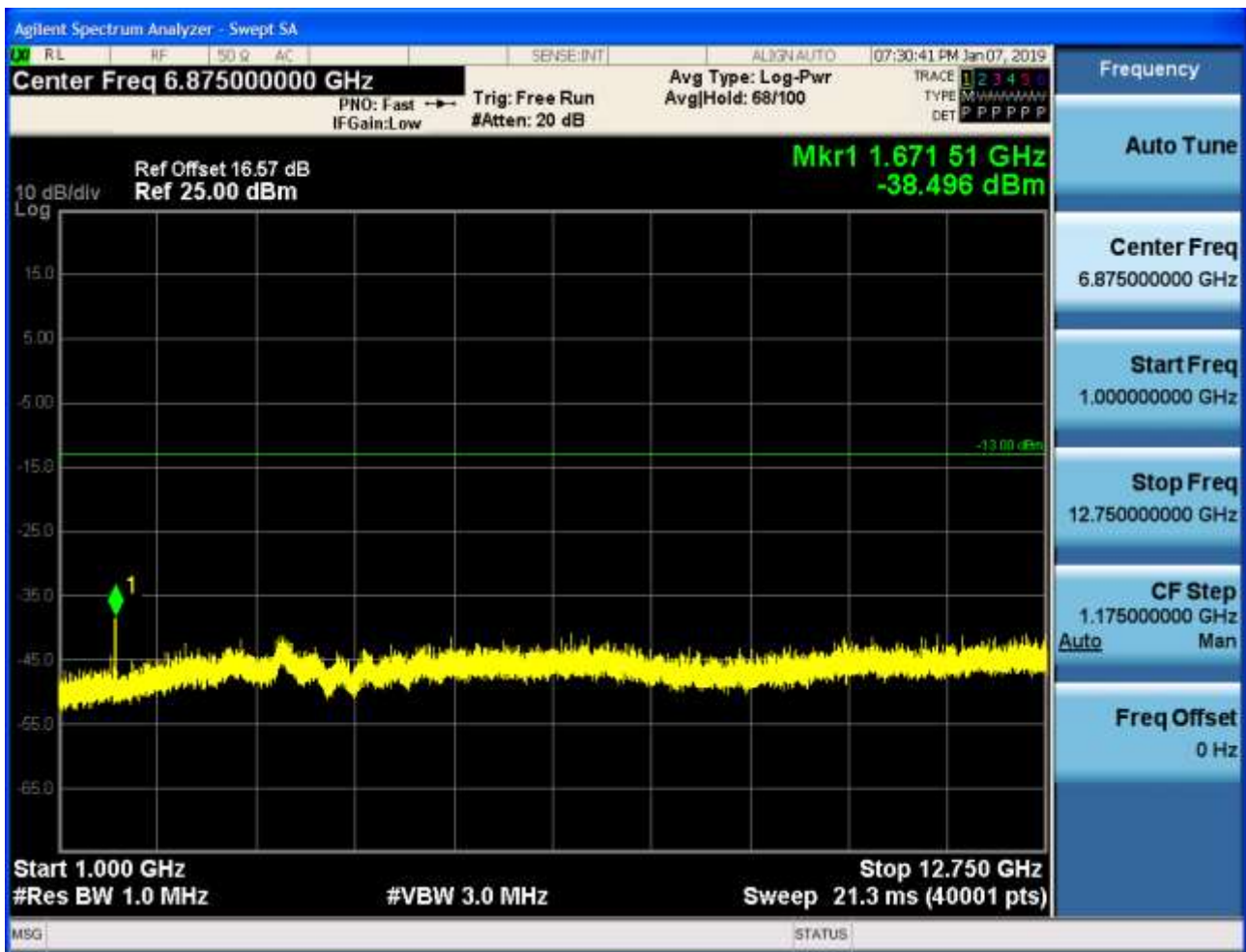
6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.2.1 Test RB = RB1#0





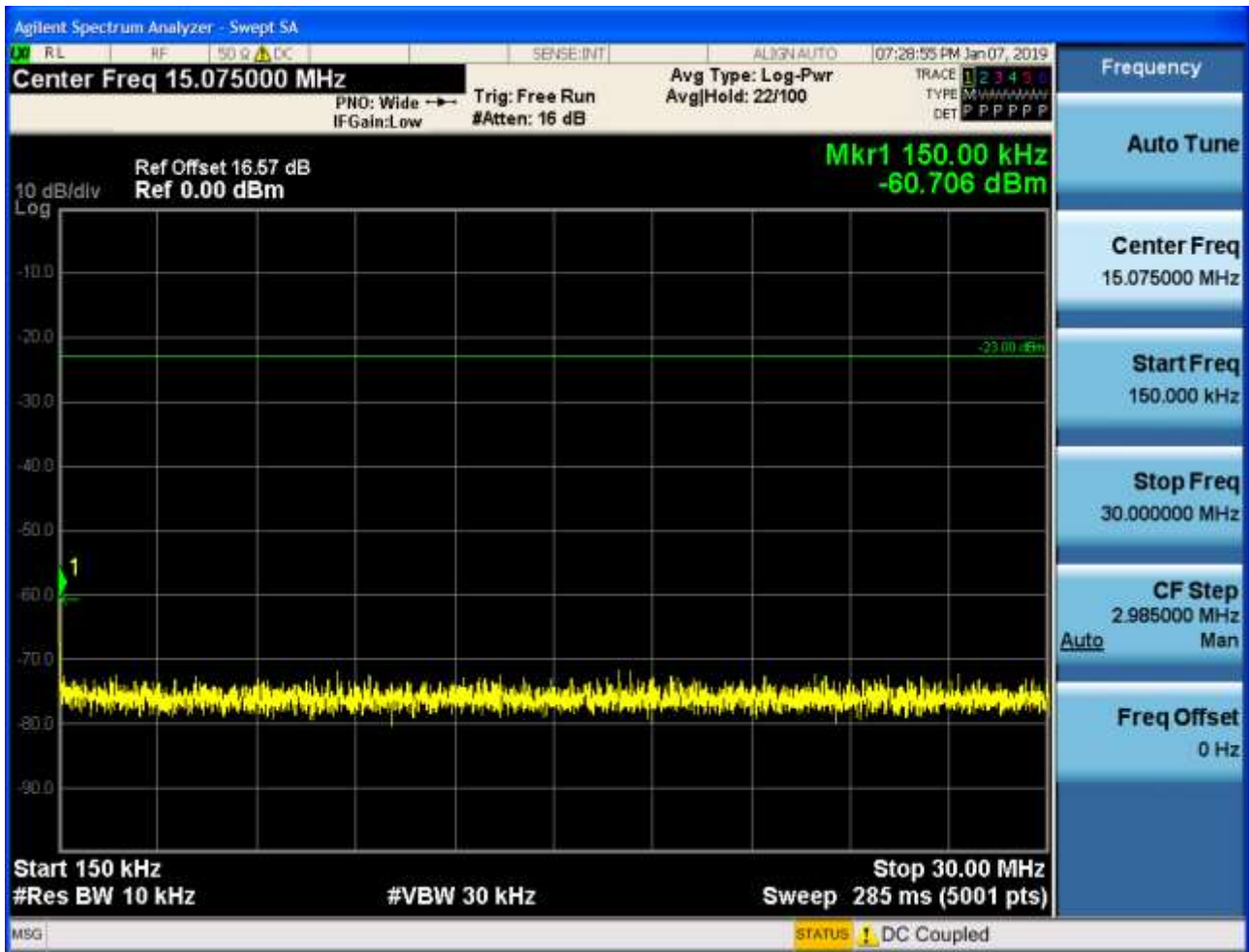


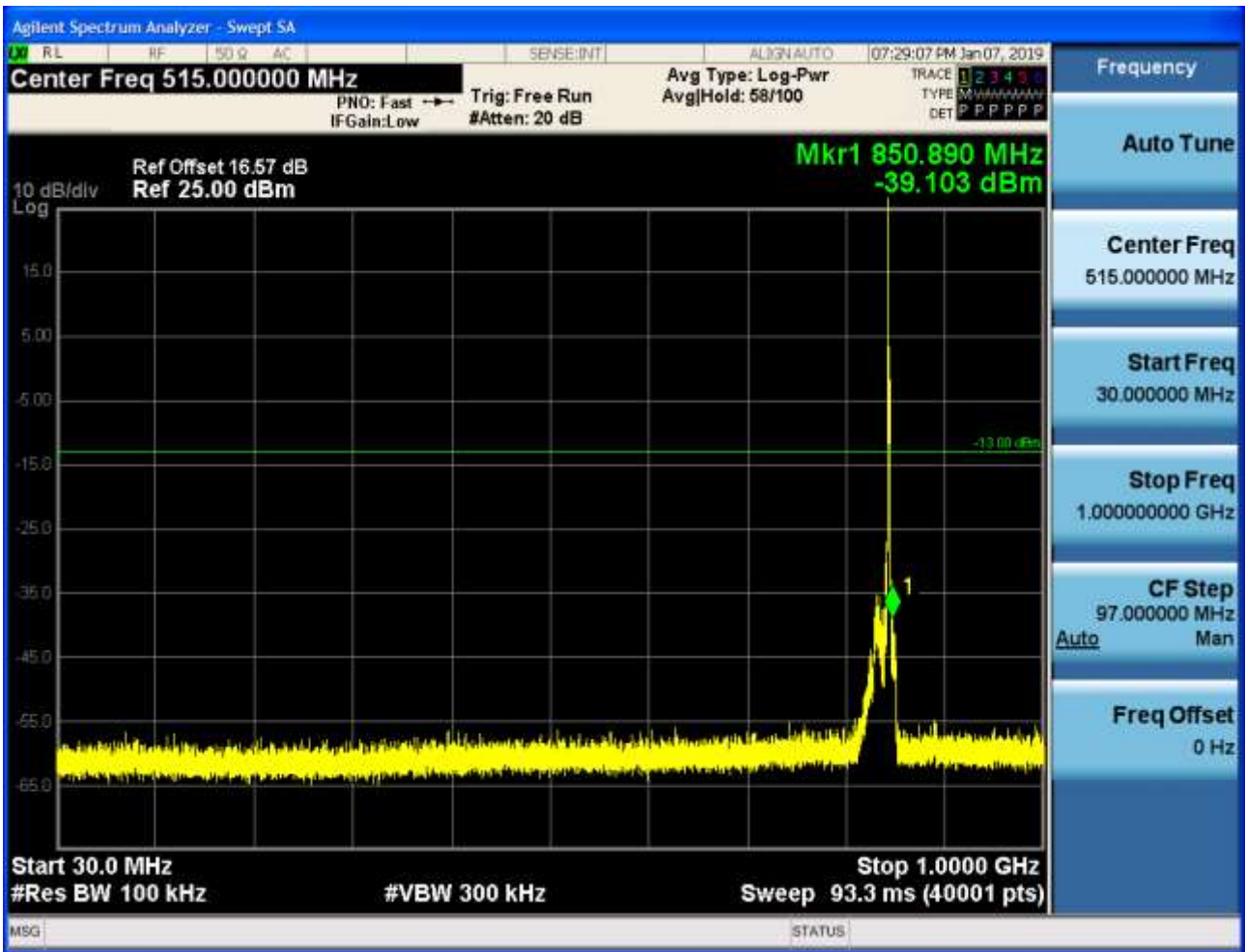


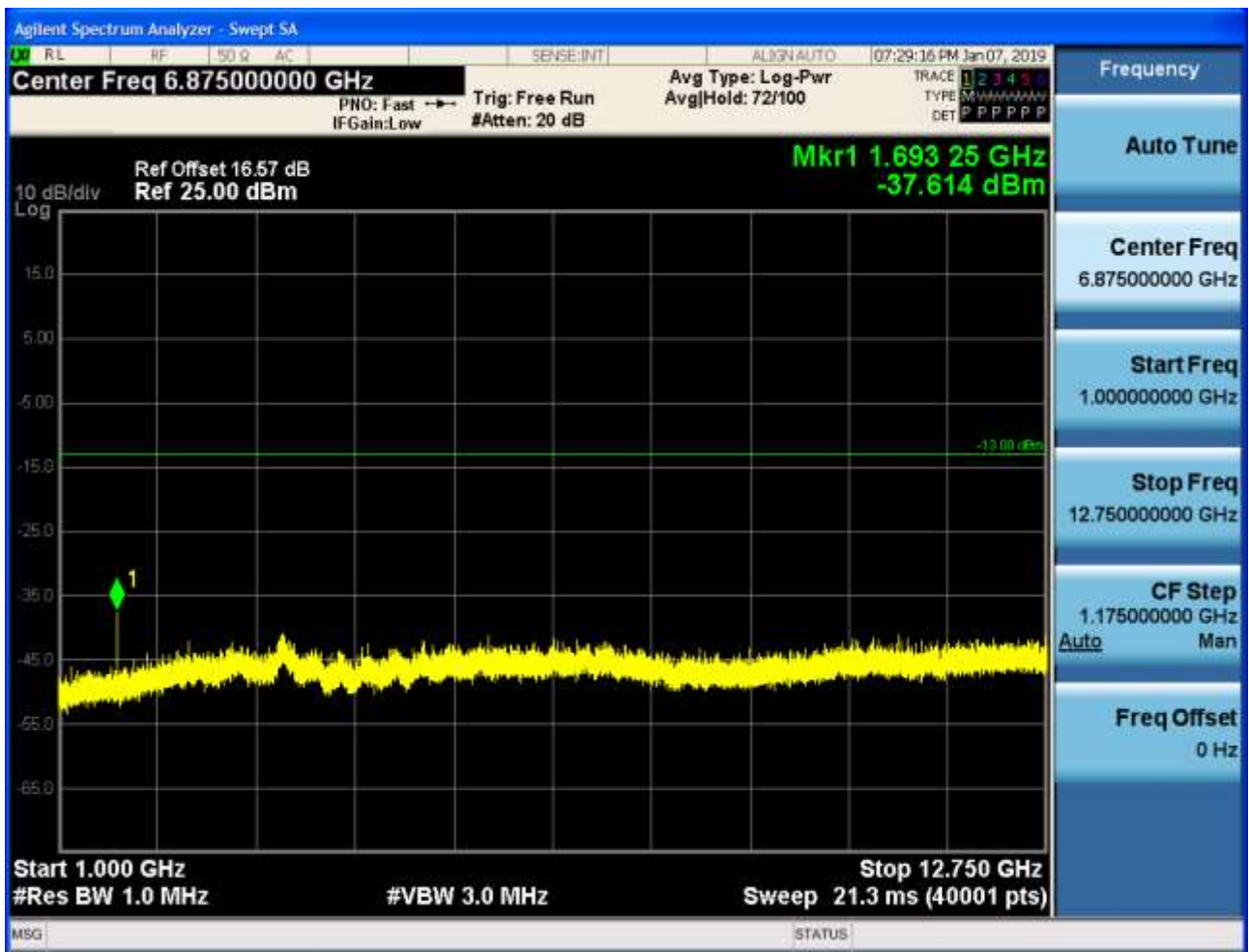
6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0





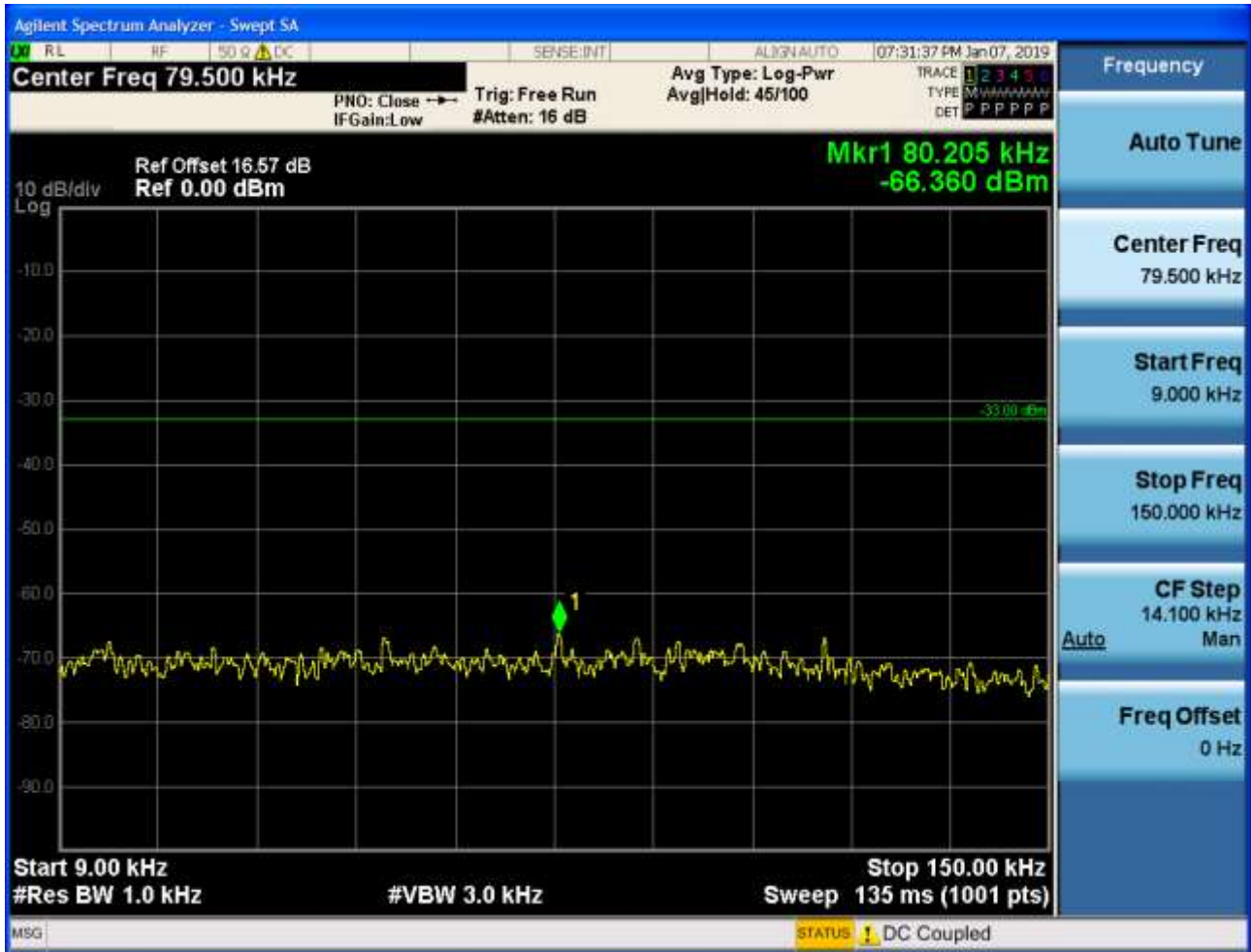


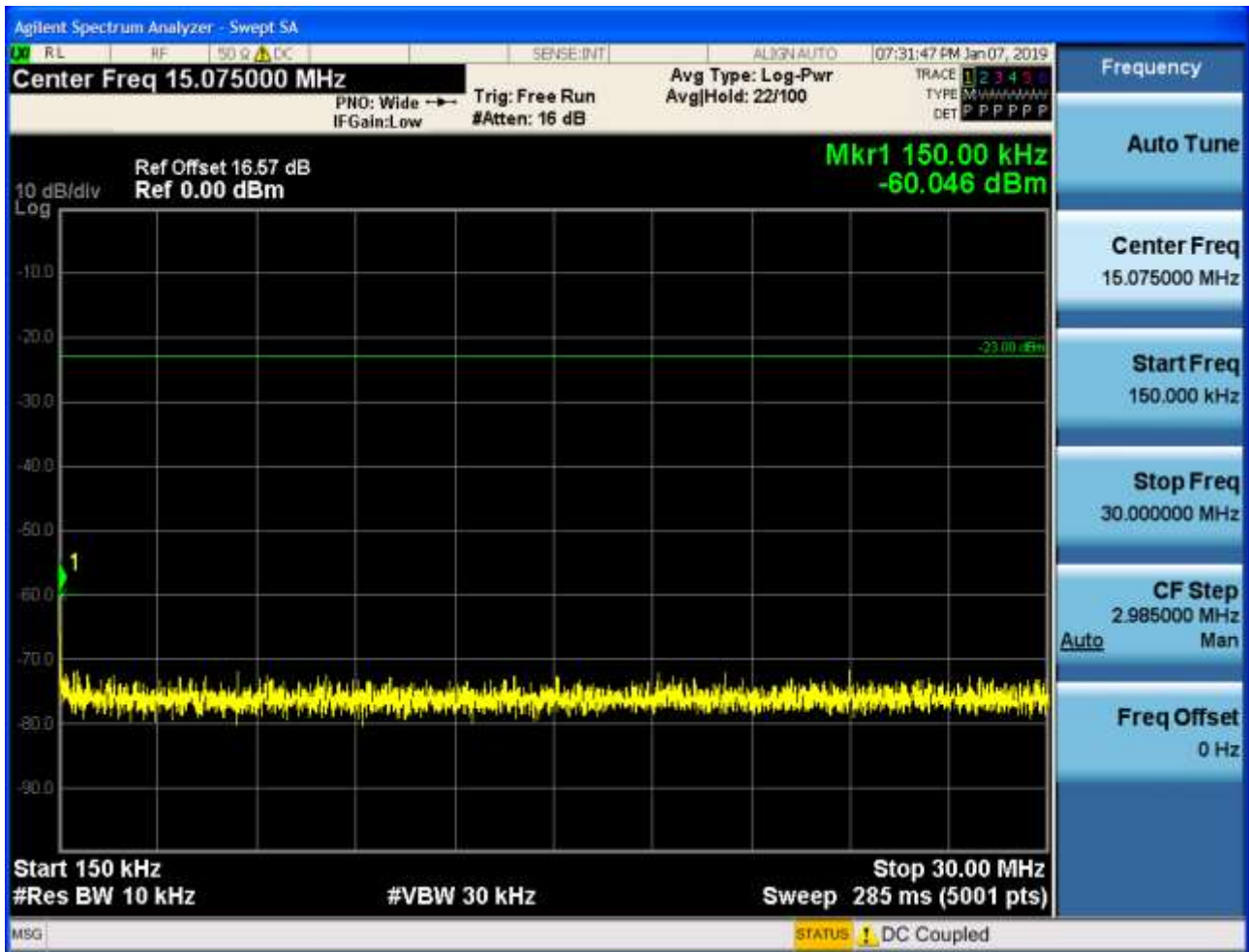


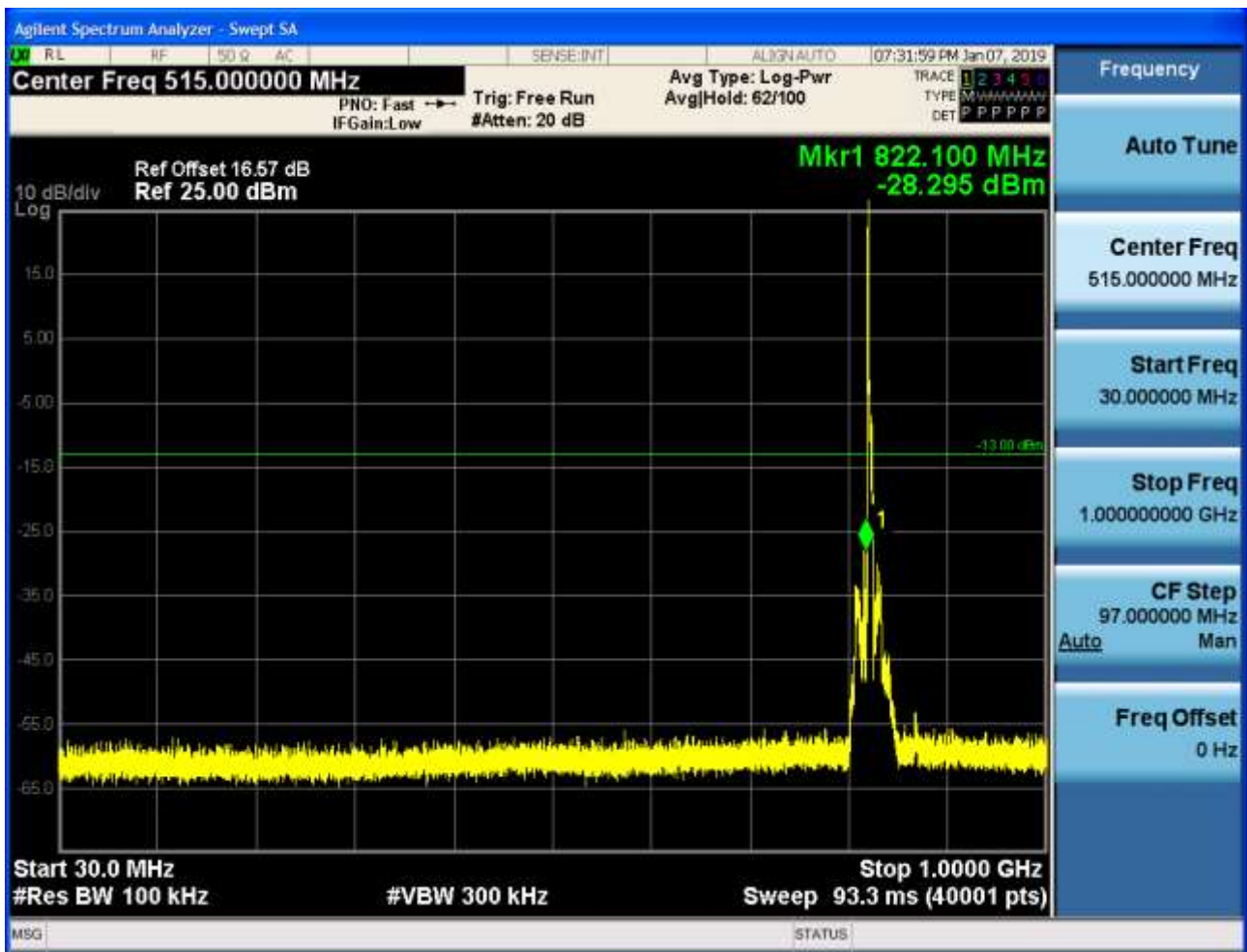
6.2.1.2.3 Test Bandwidth = 5

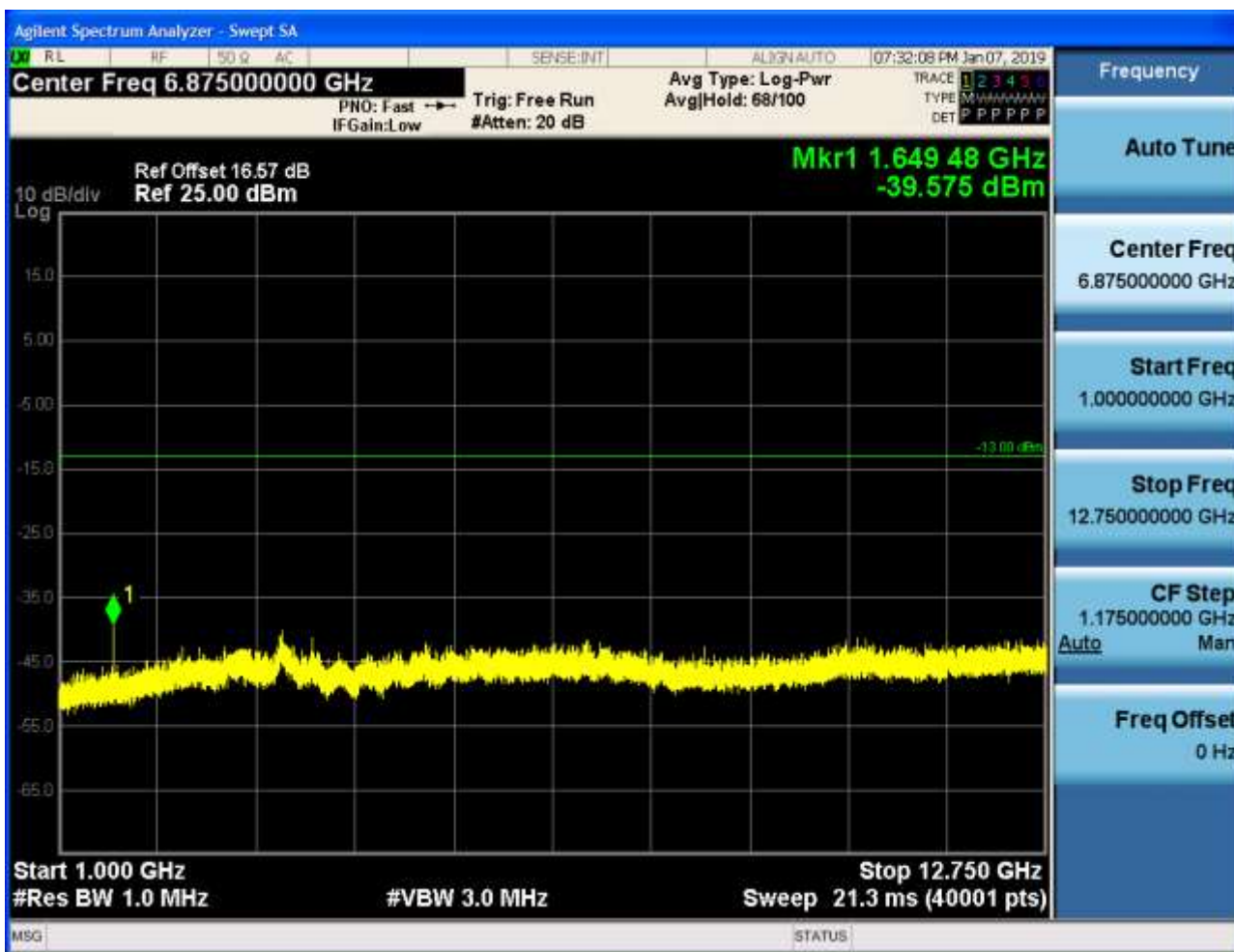
6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0







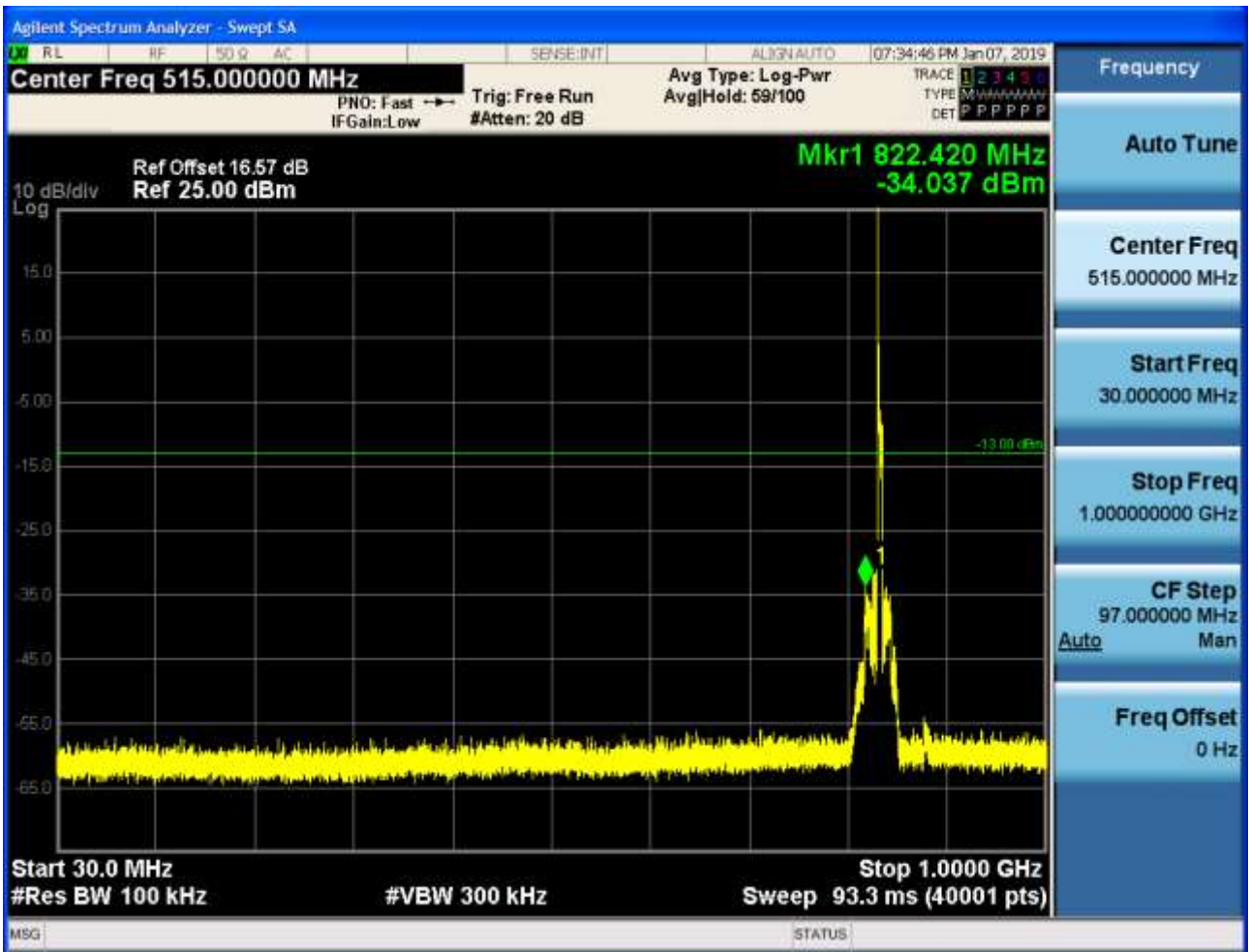


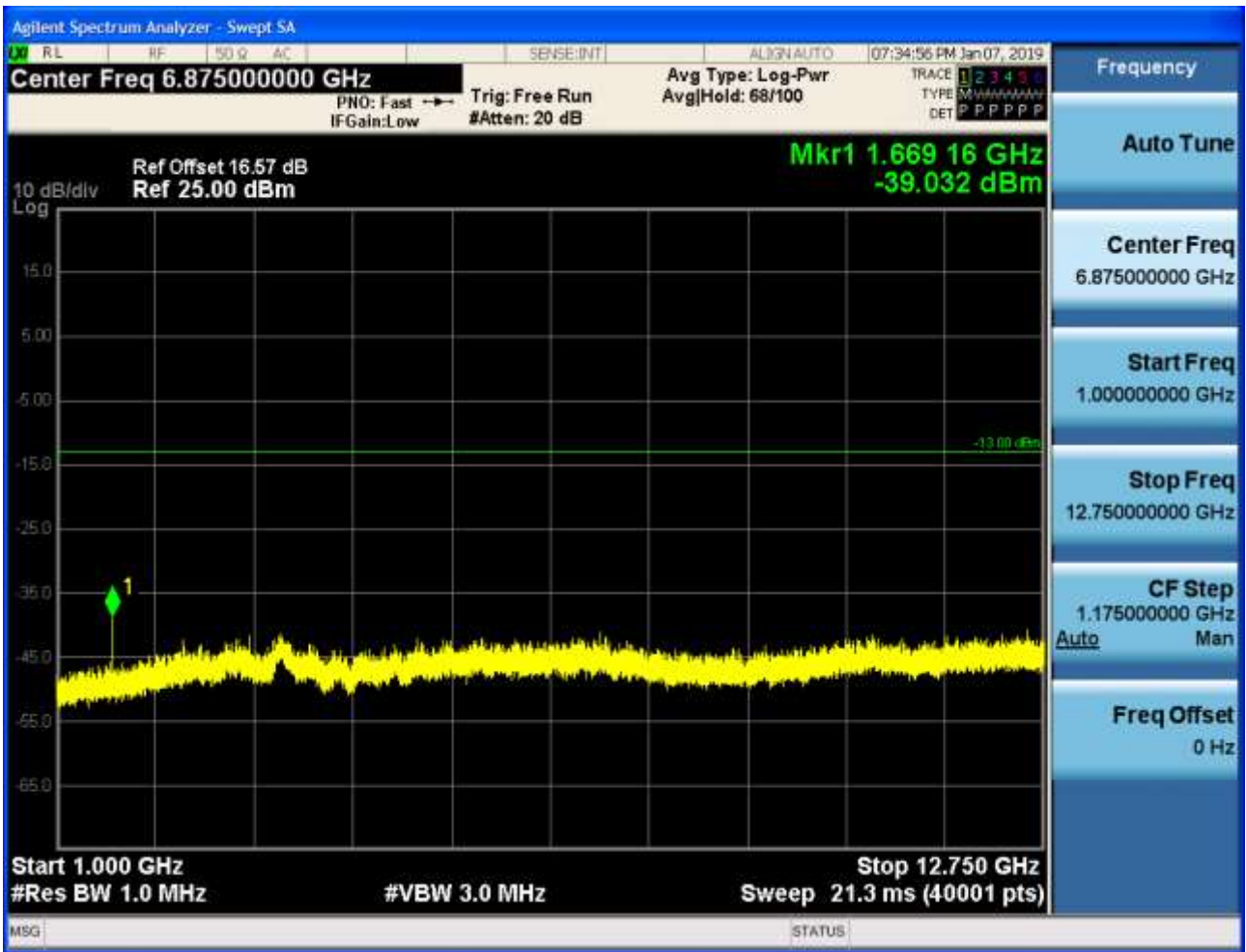
6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0





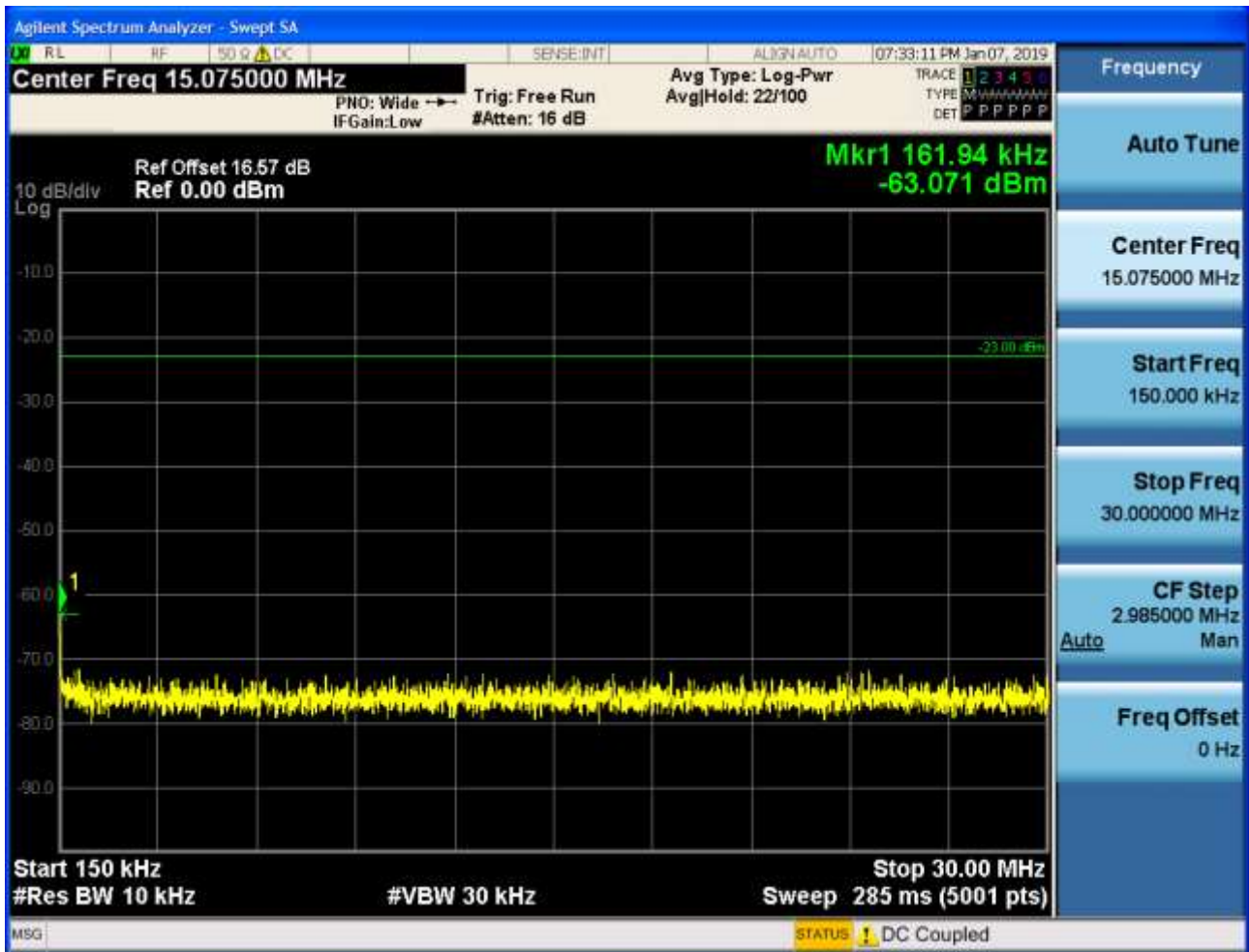


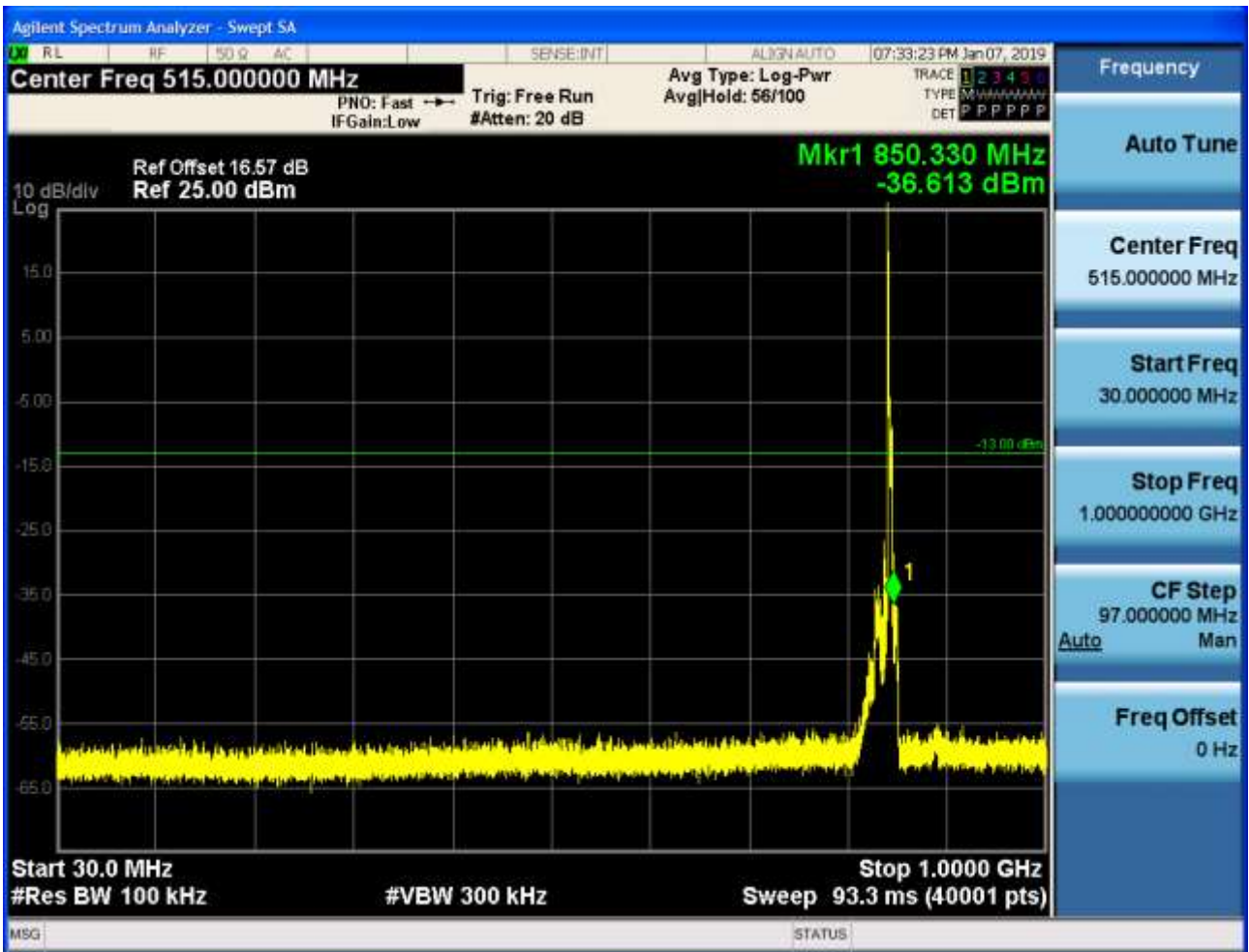


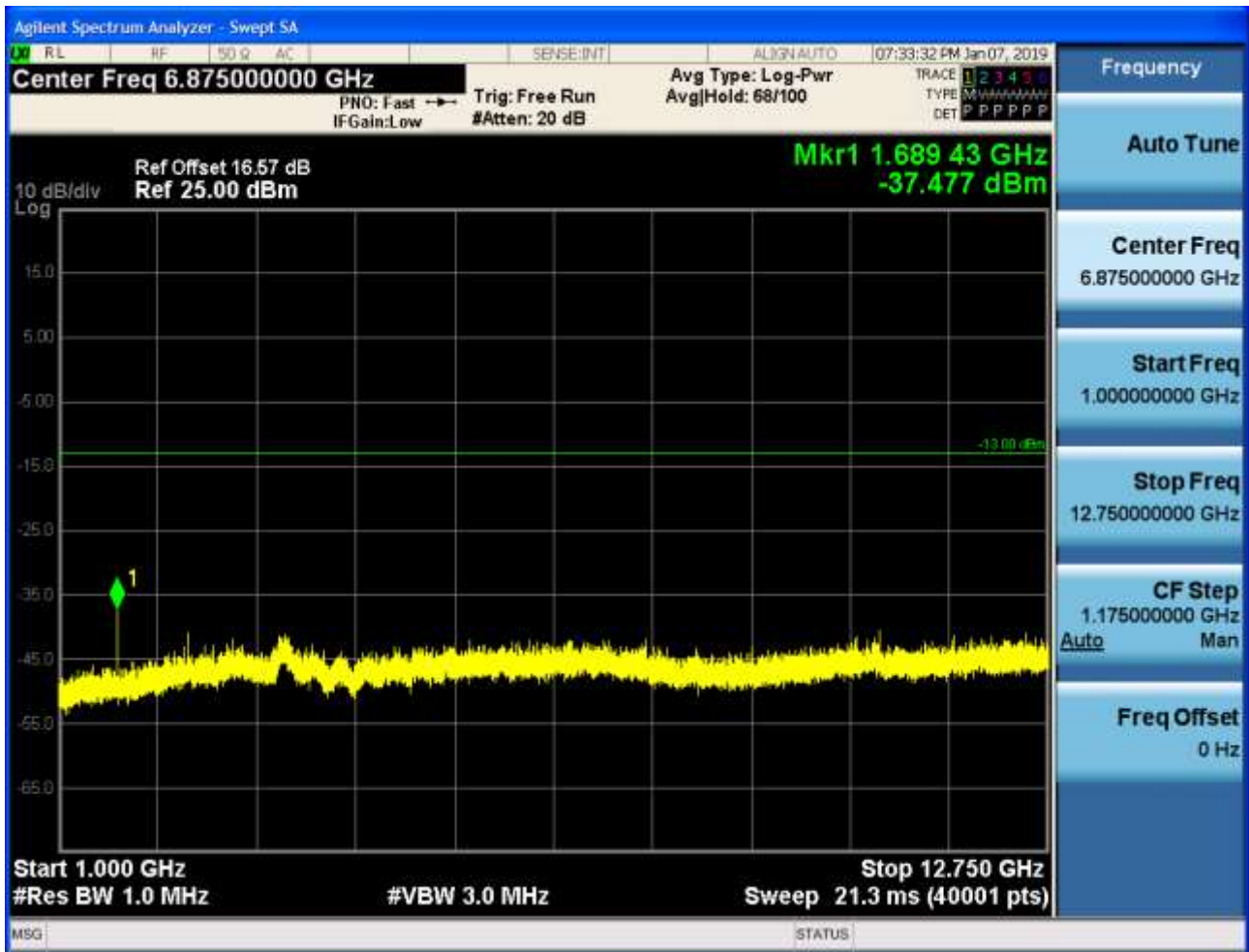
6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0







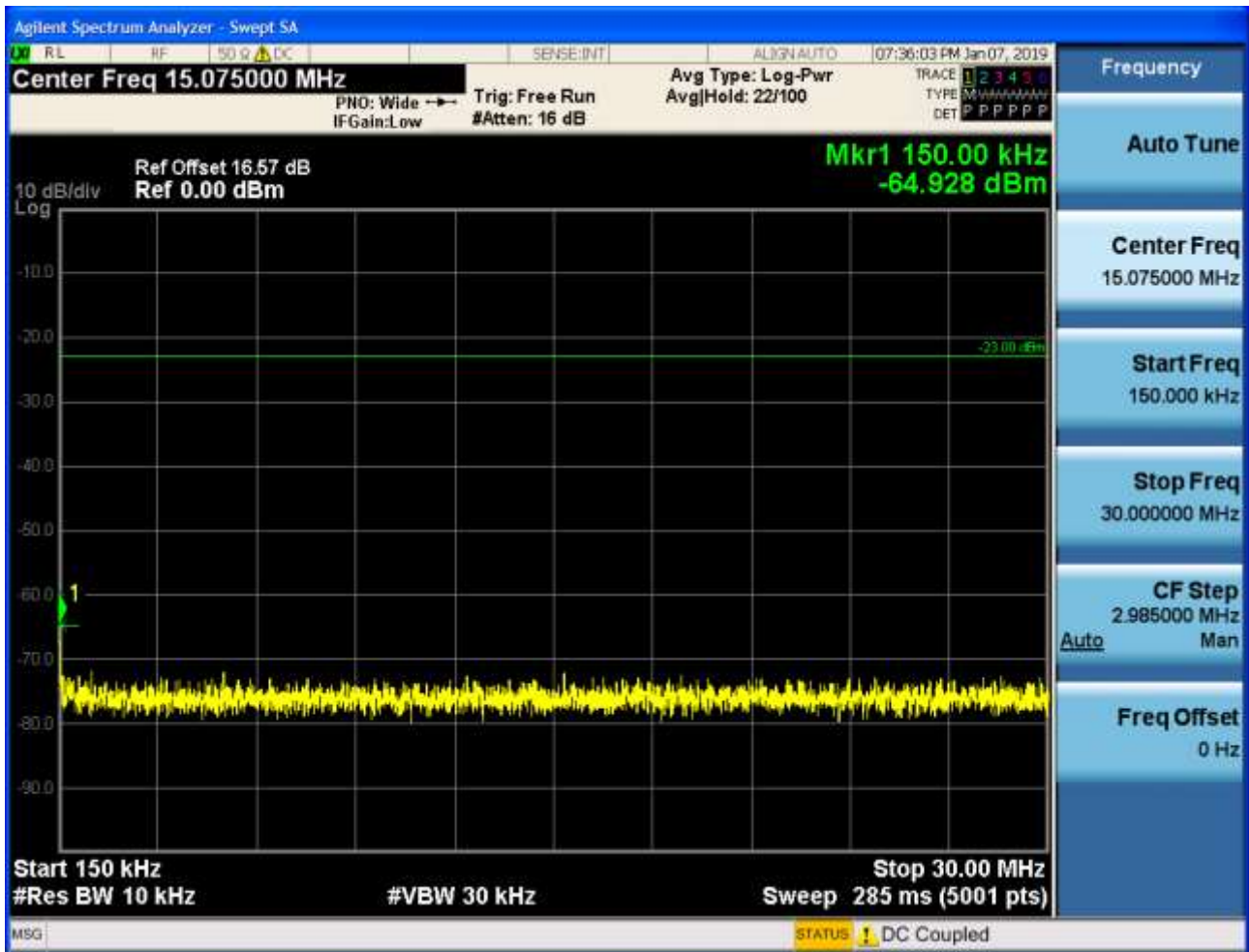


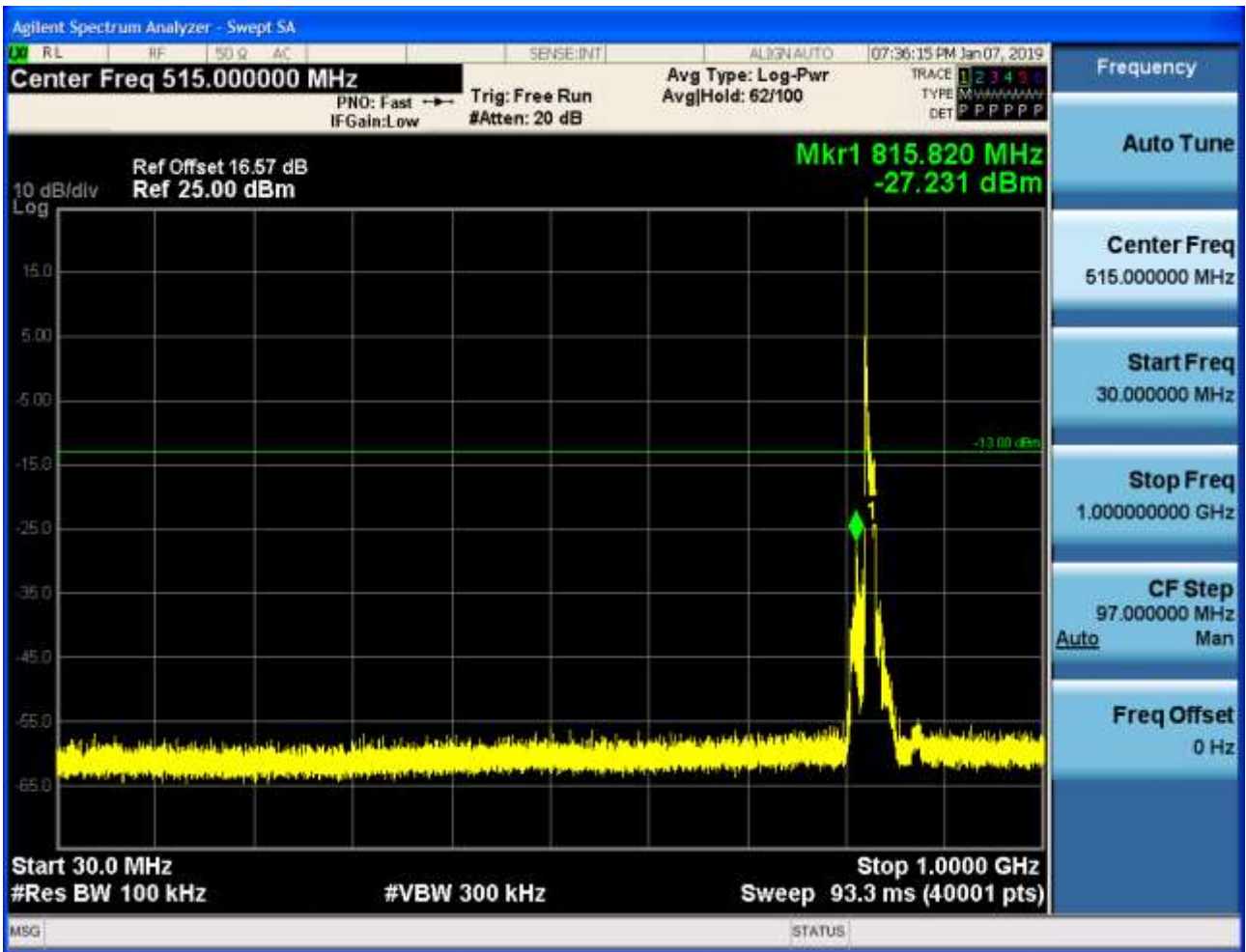
6.2.1.2.4 Test Bandwidth = 10

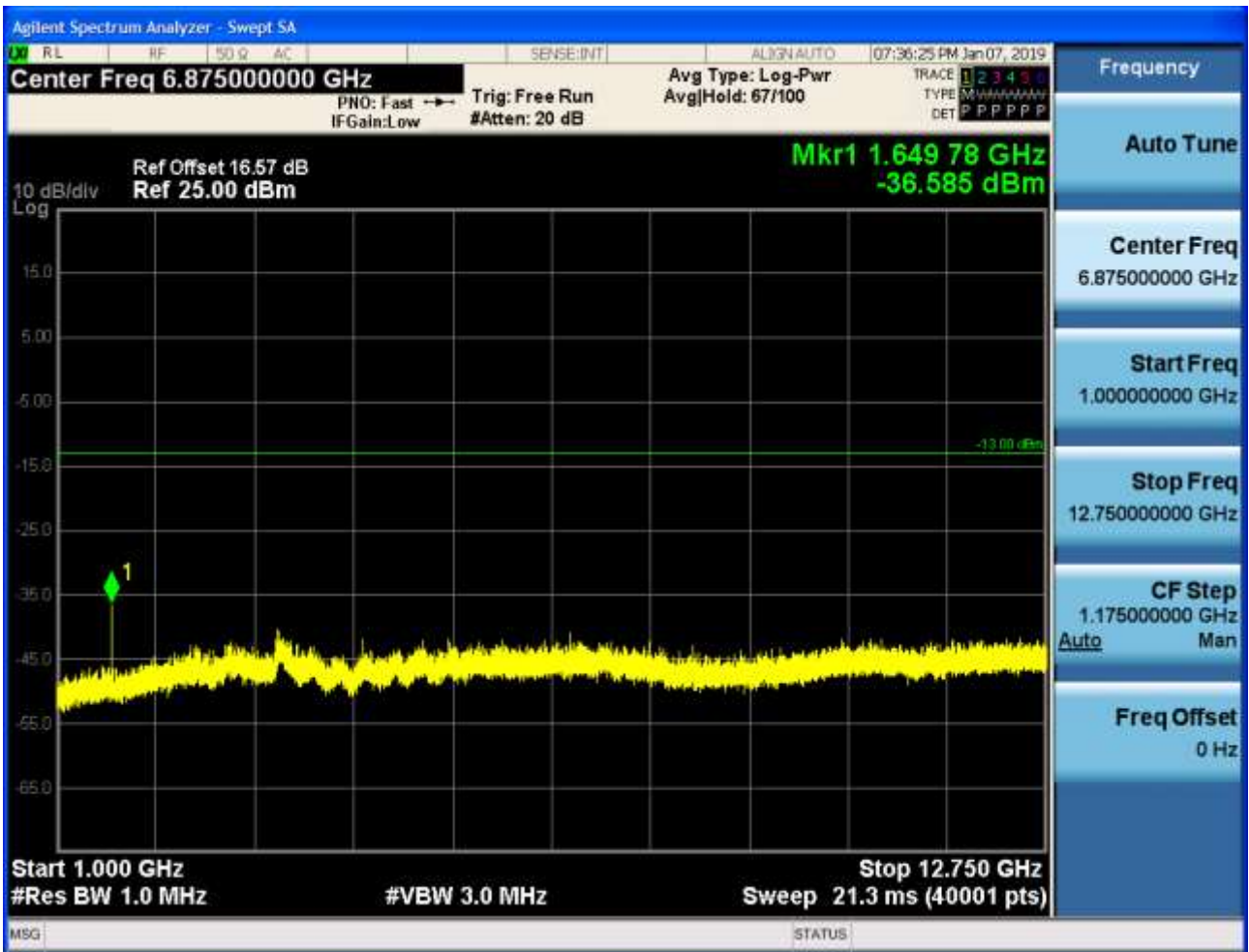
6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0





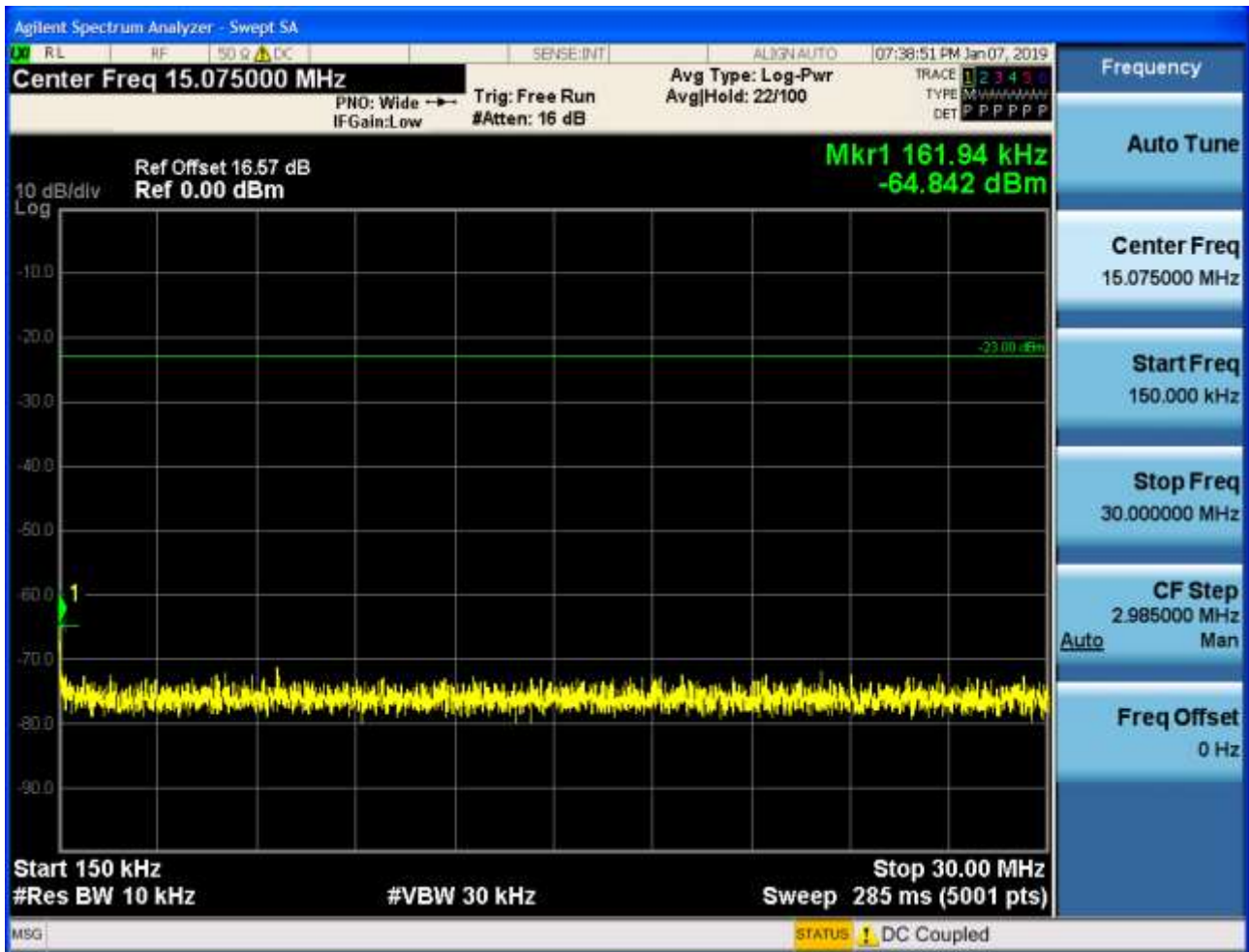


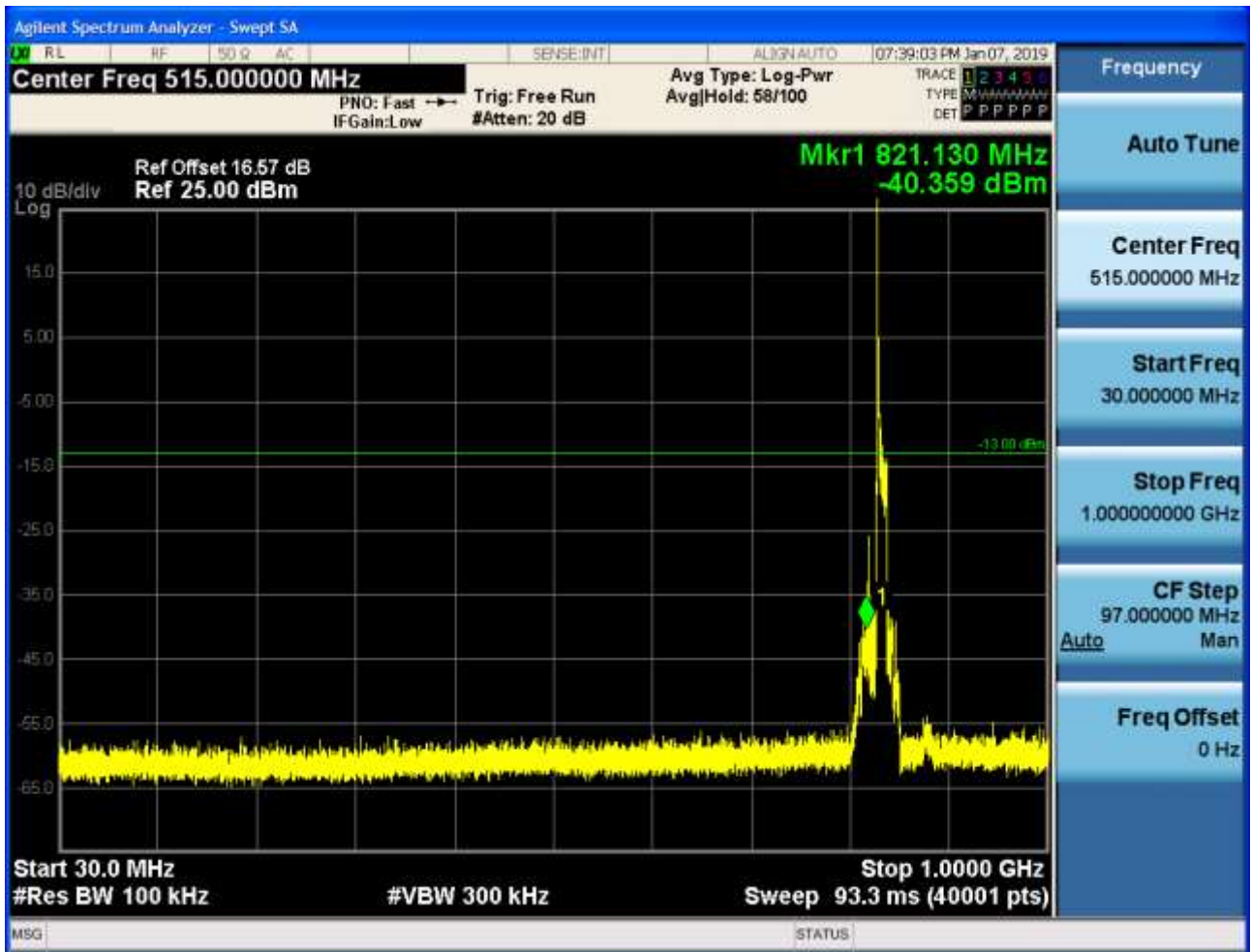


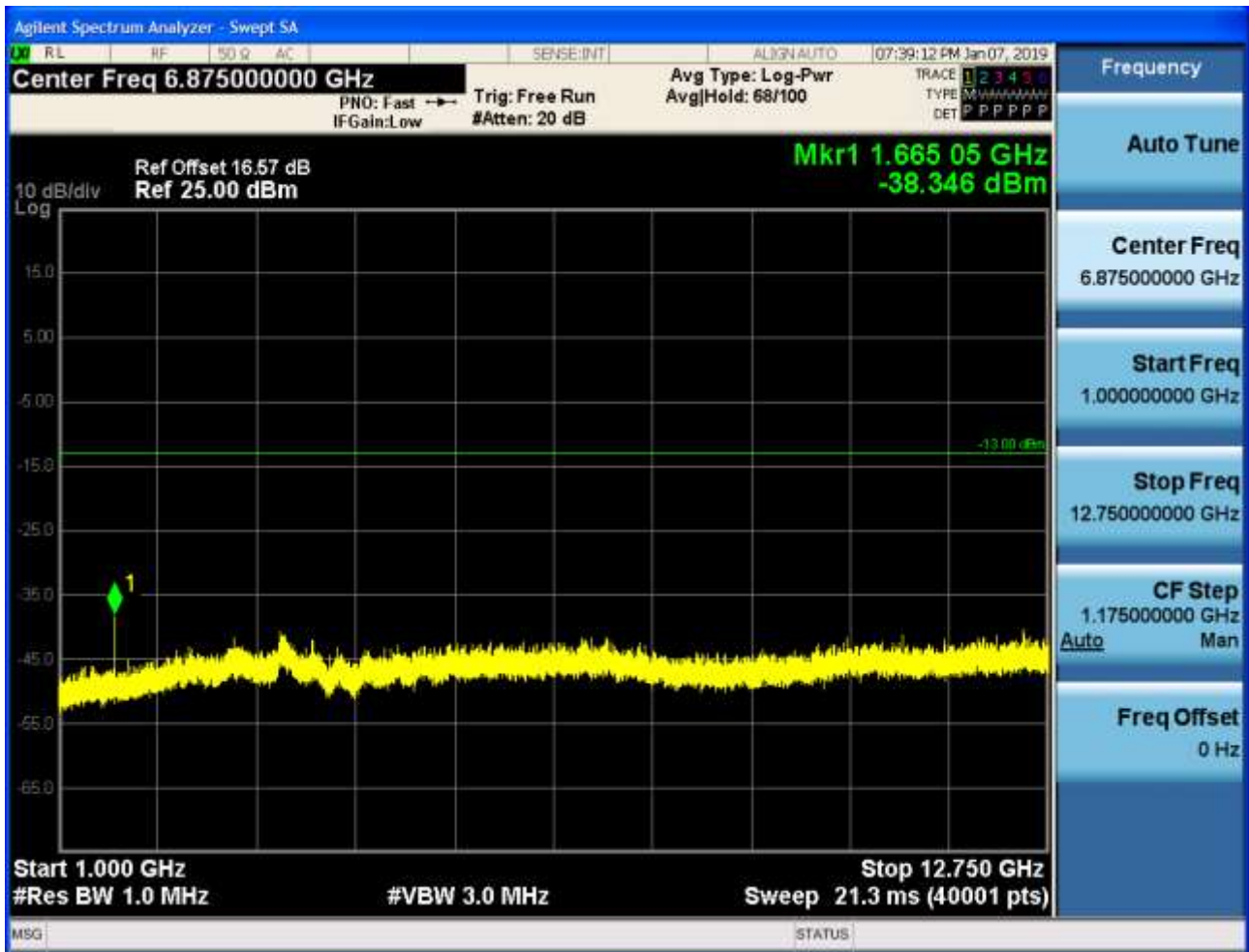
6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0



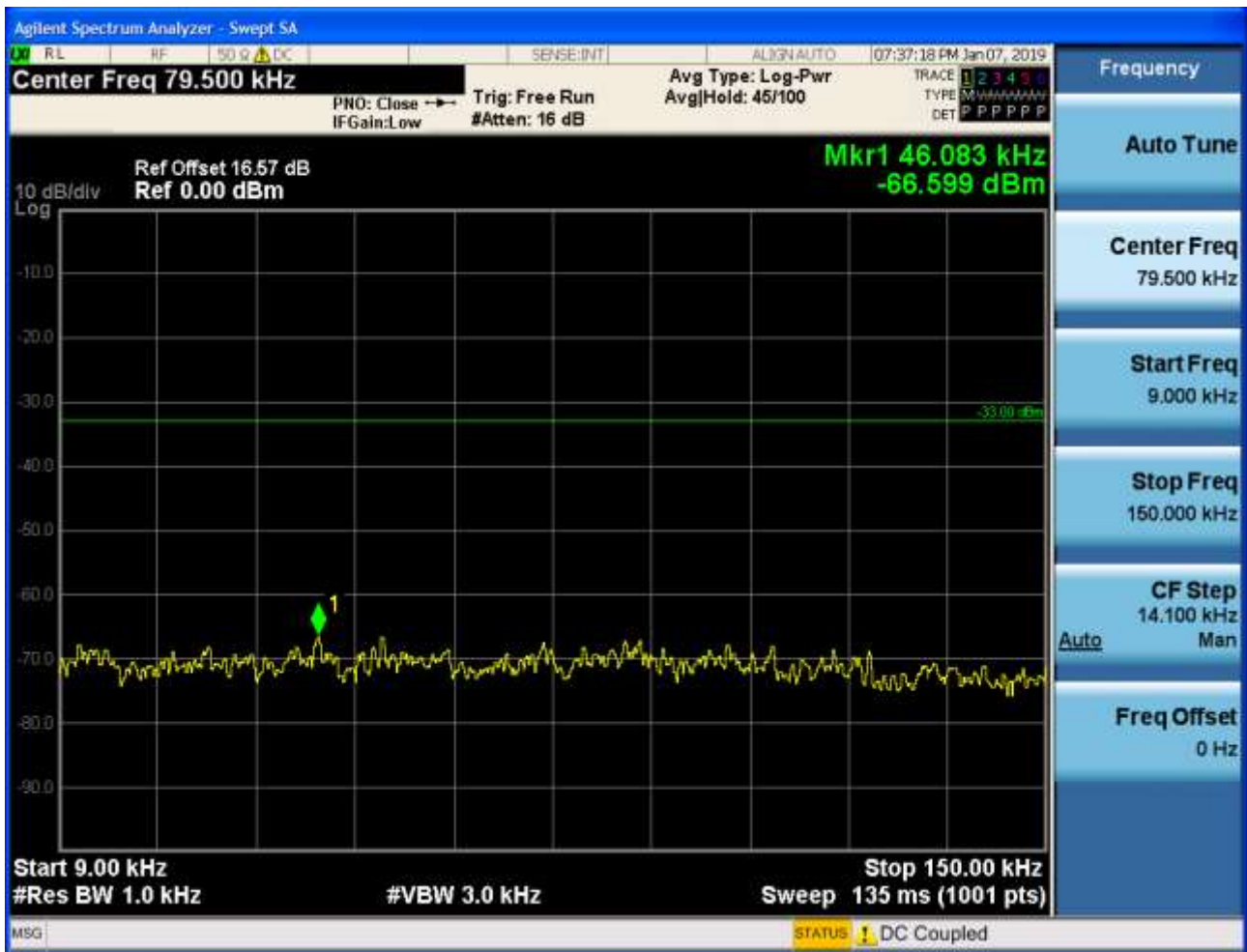


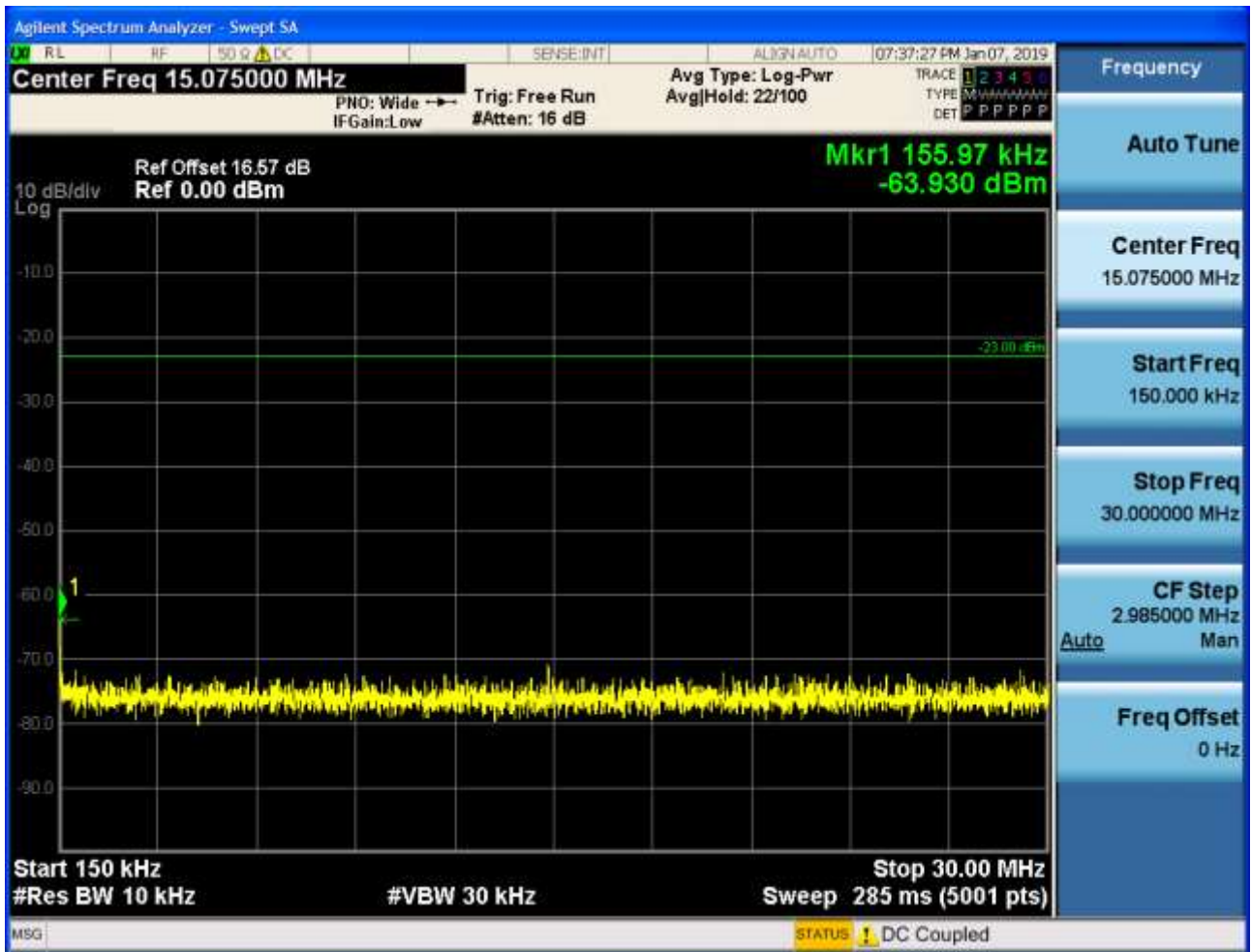


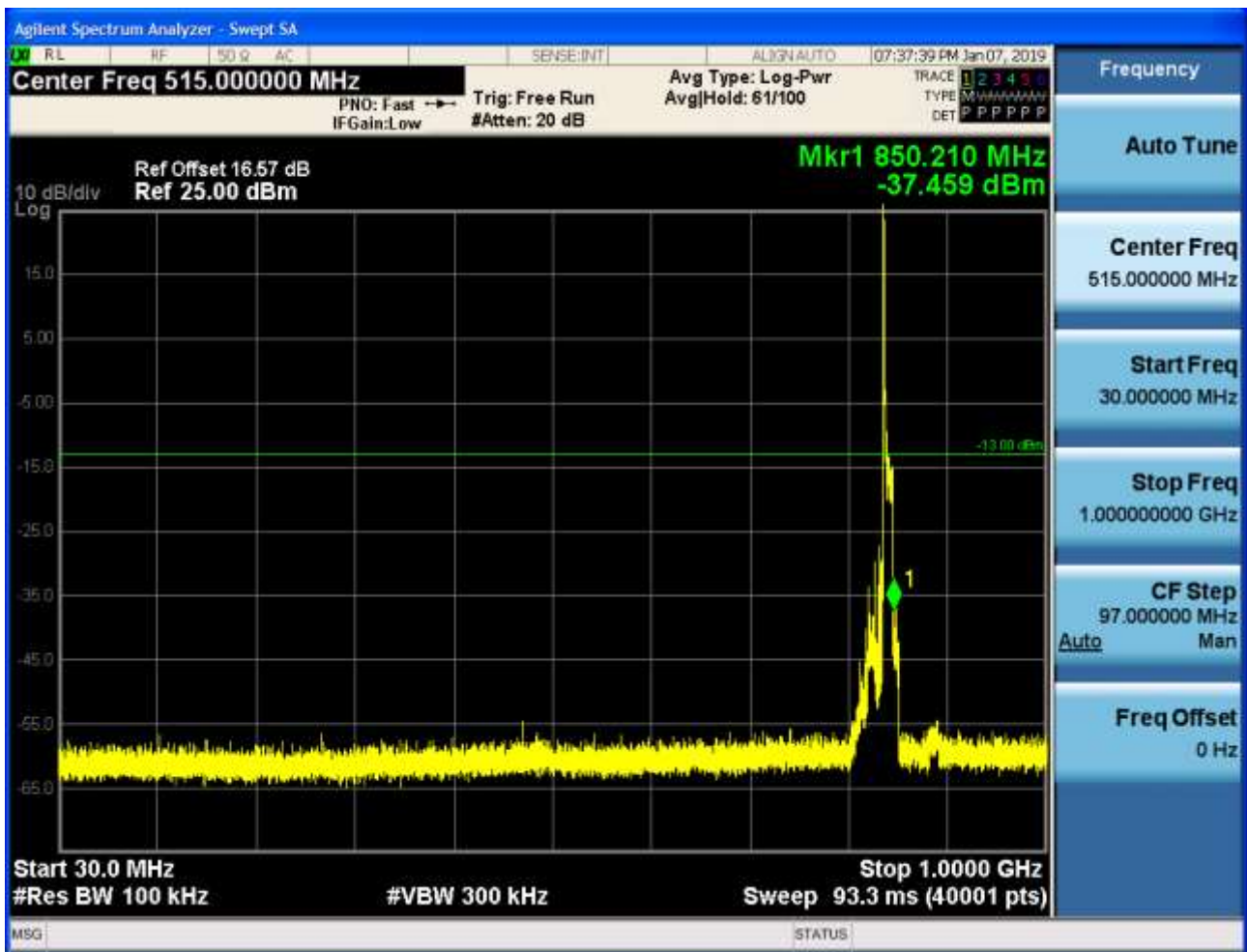


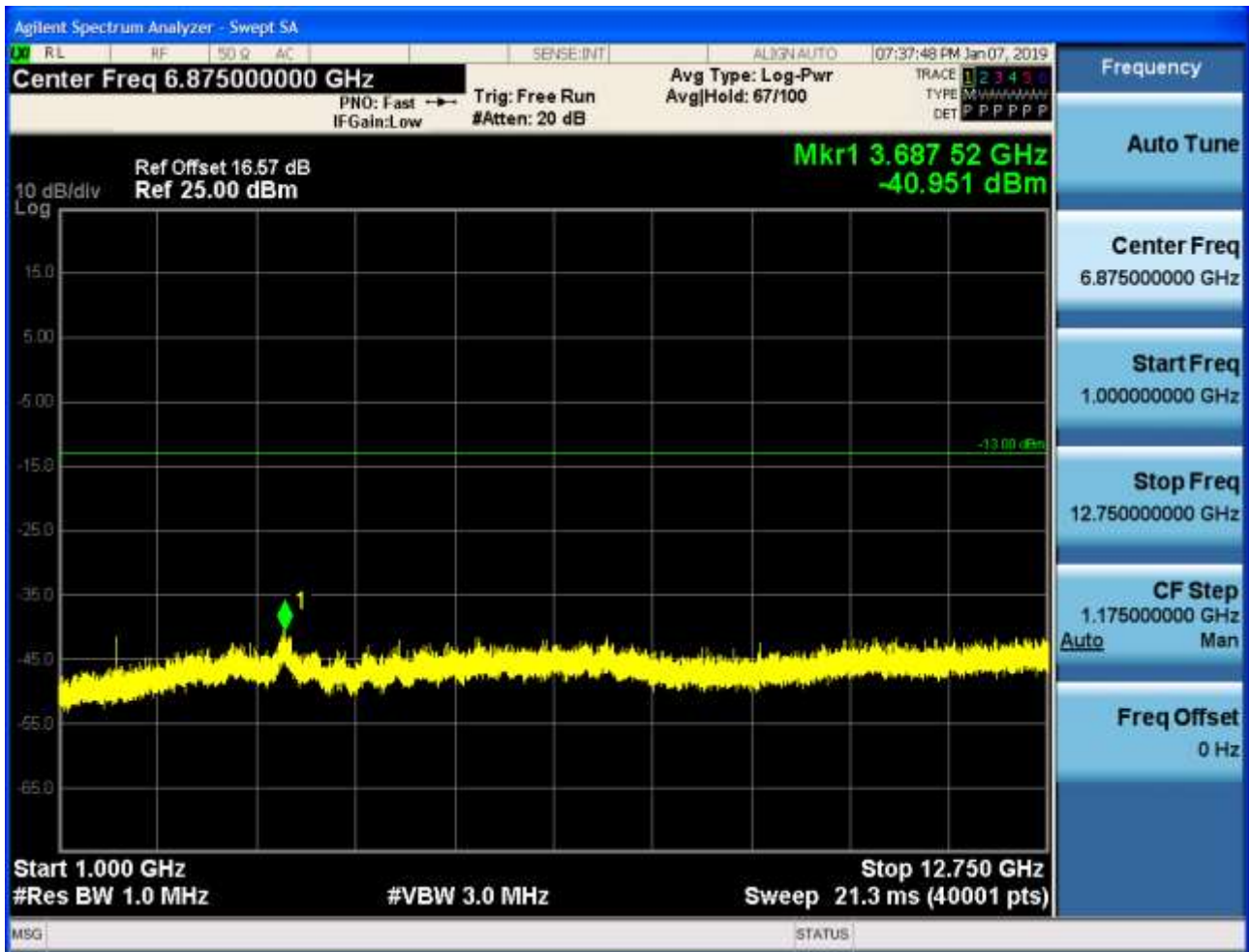
6.2.1.2.4.3 Test Channel = HCH

6.2.1.2.4.3.1 Test RB = RB1#0





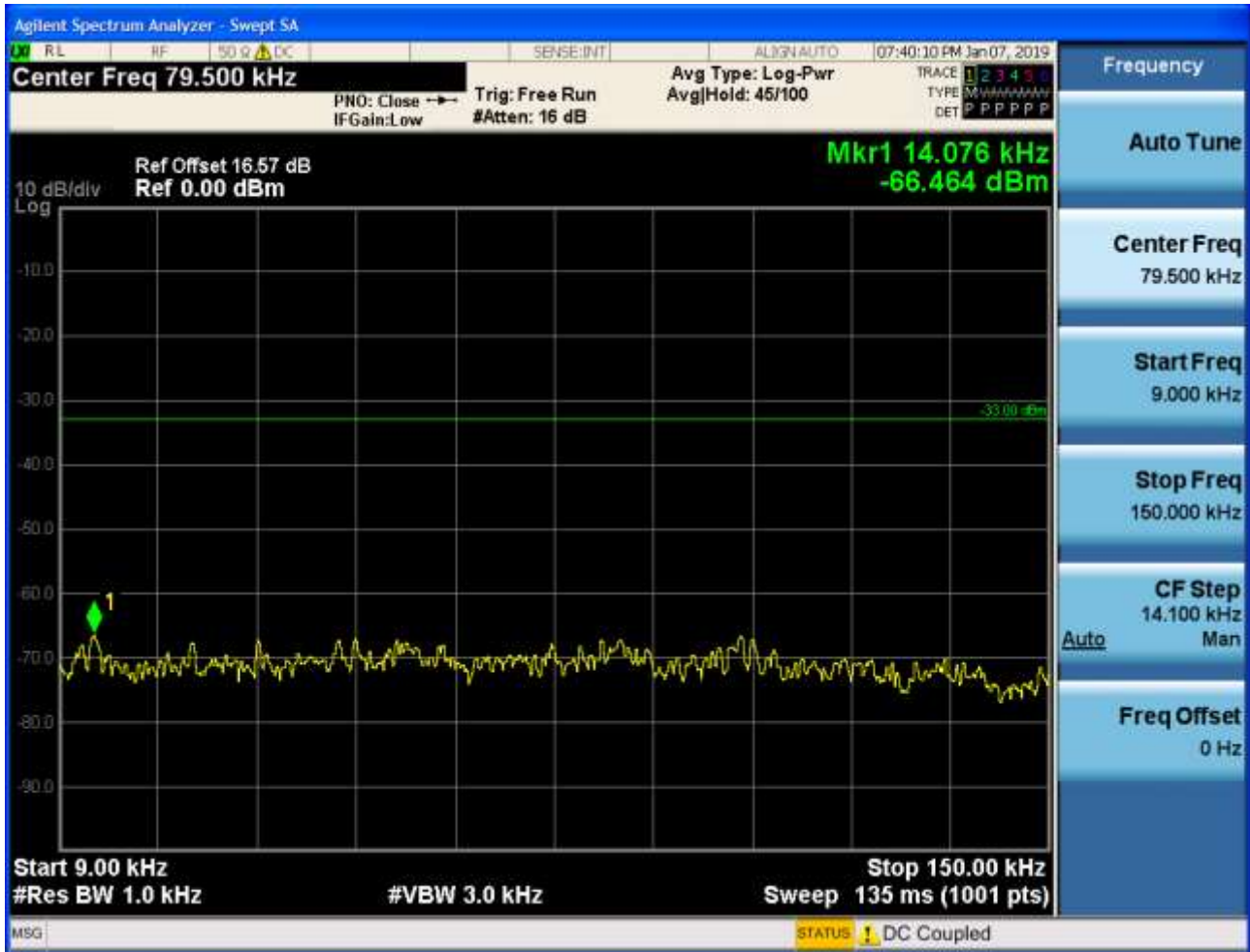


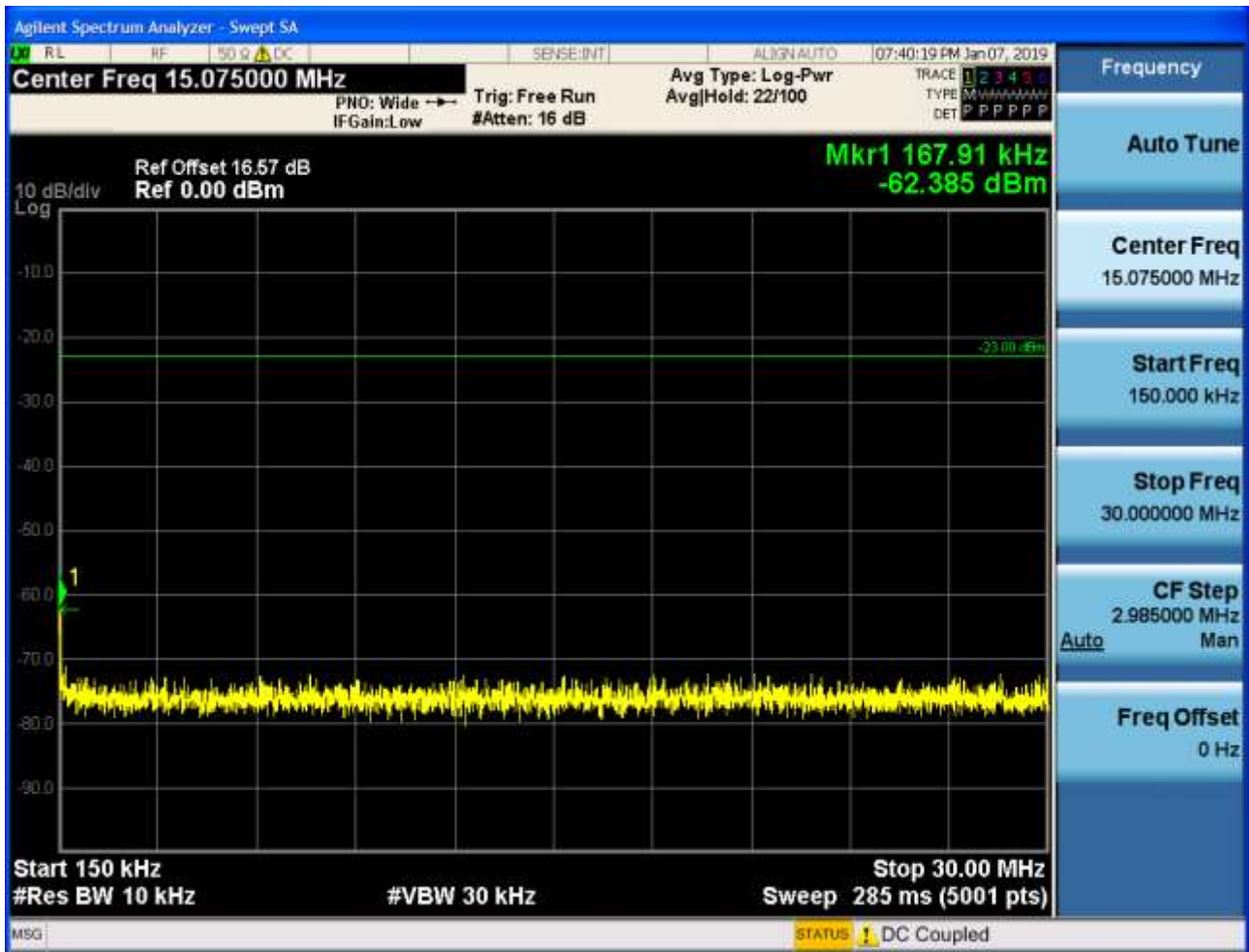


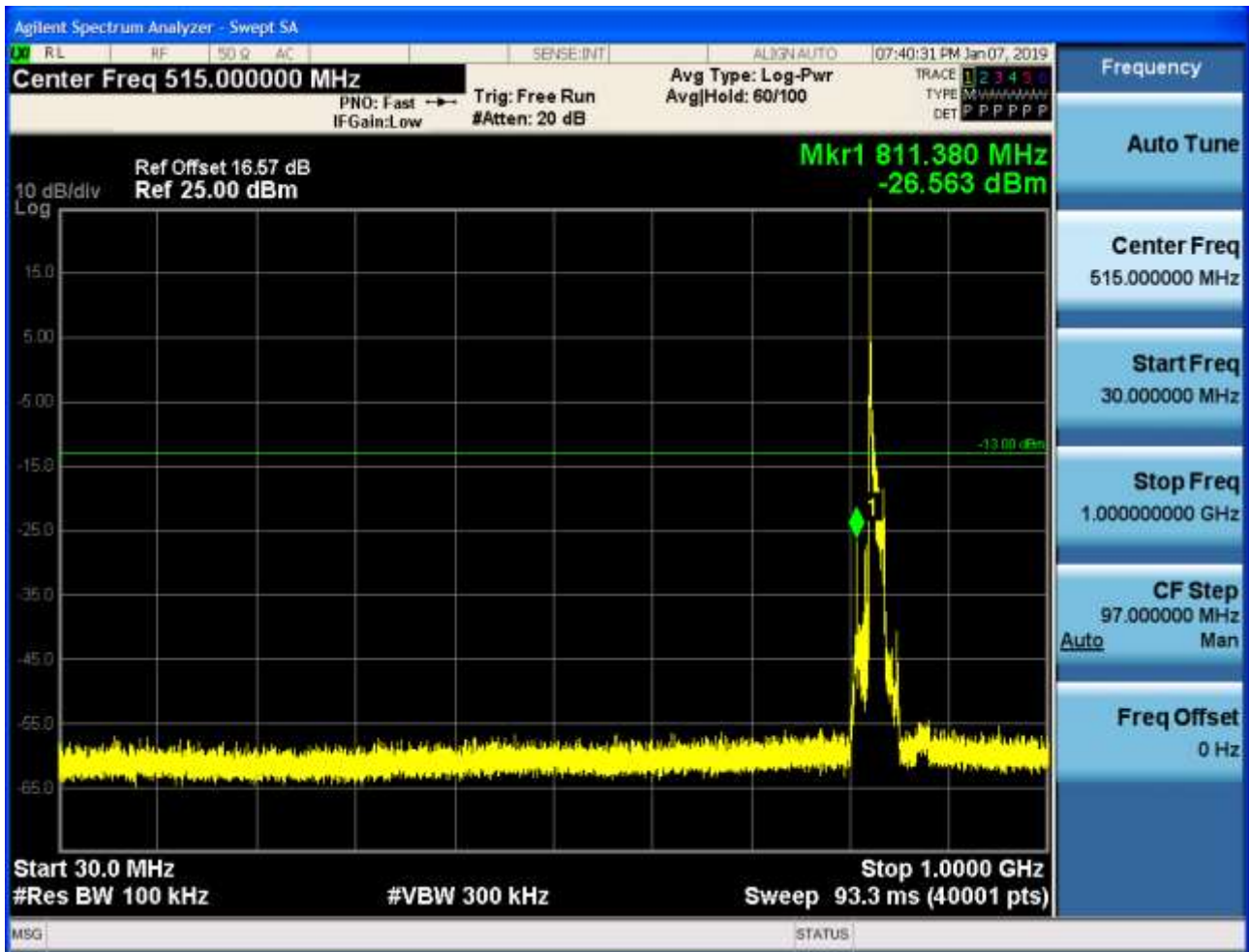
6.2.1.2.5 Test Bandwidth = 15

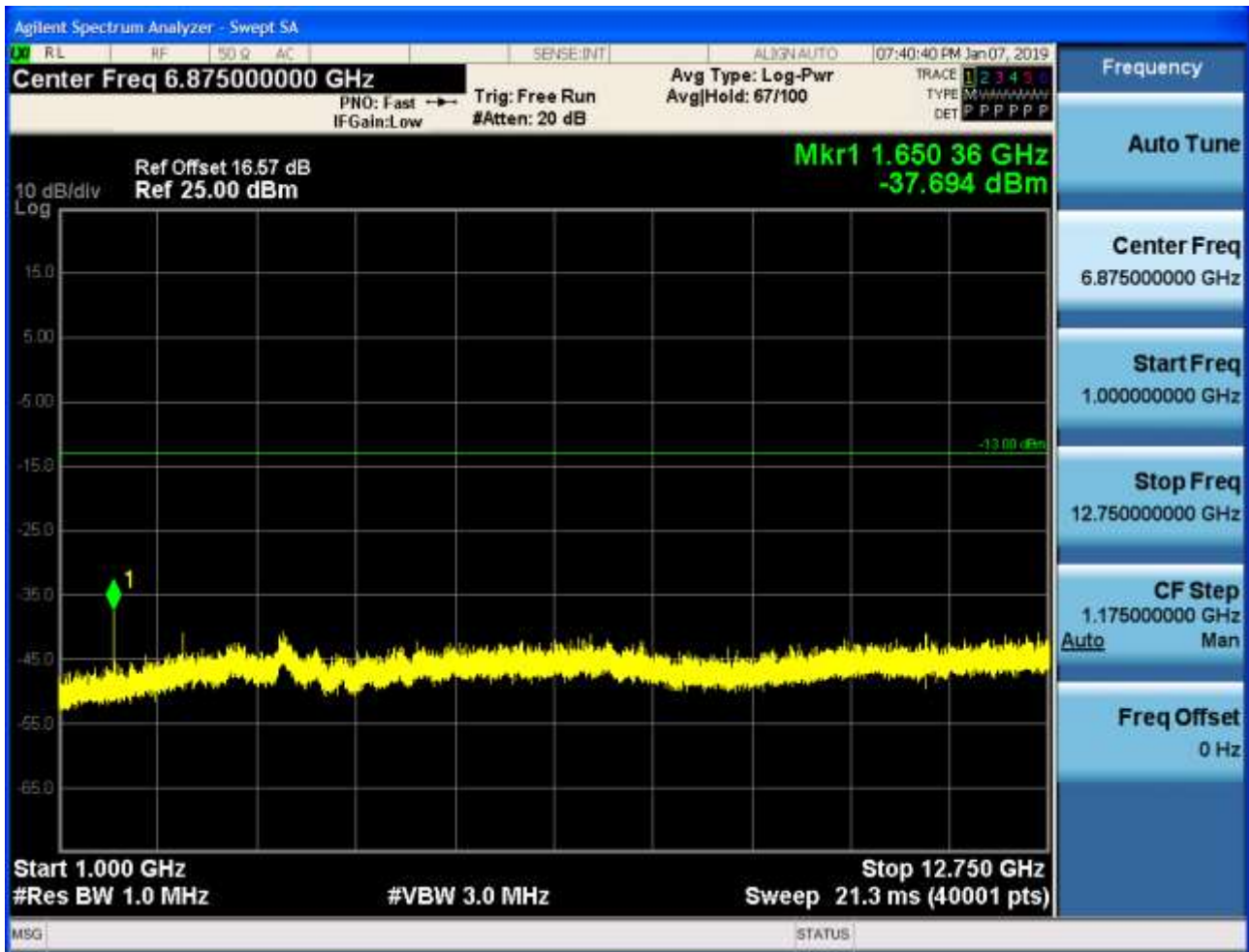
6.2.1.2.5.1 Test Channel = LCH

6.2.1.2.5.1.1 Test RB = RB1#0





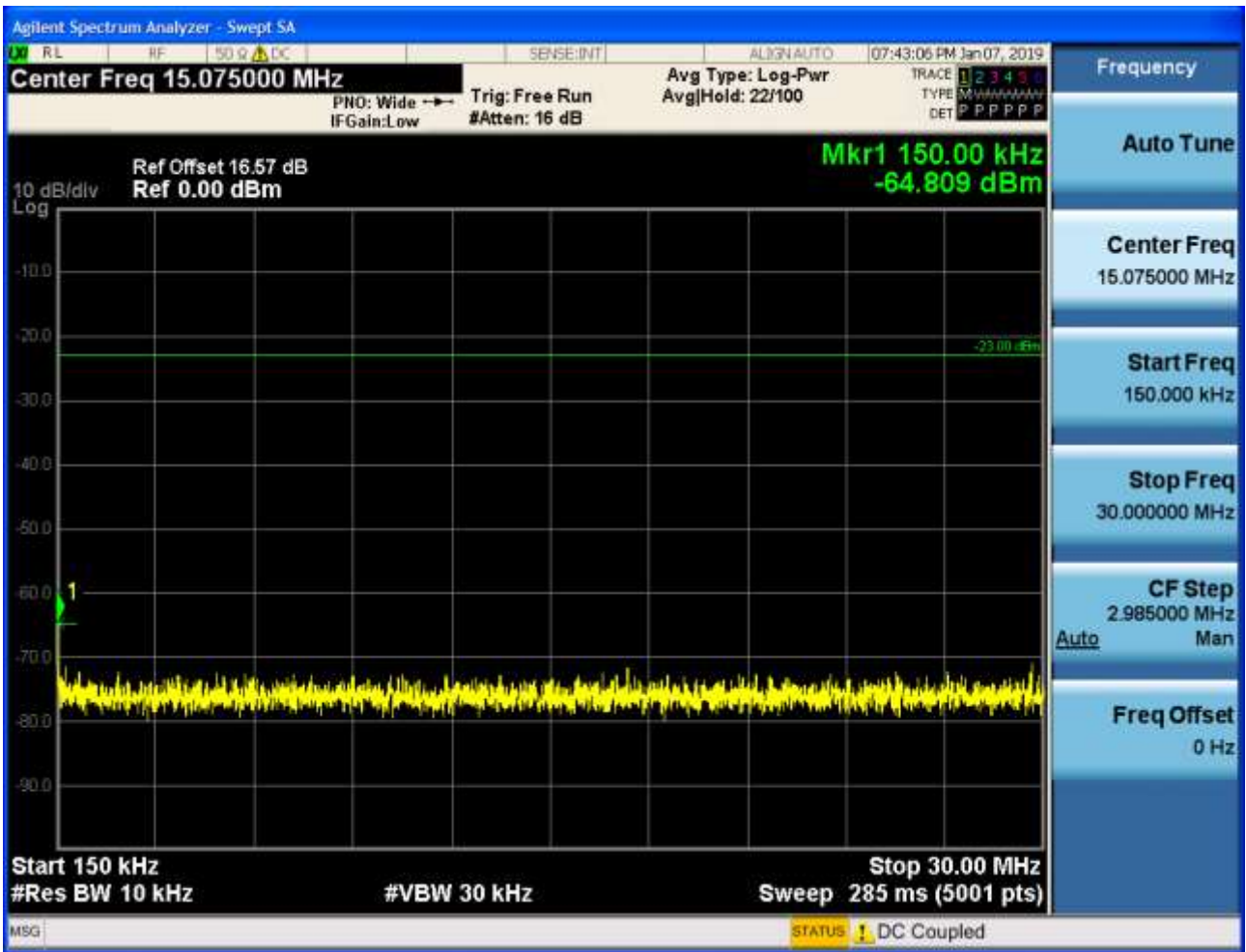


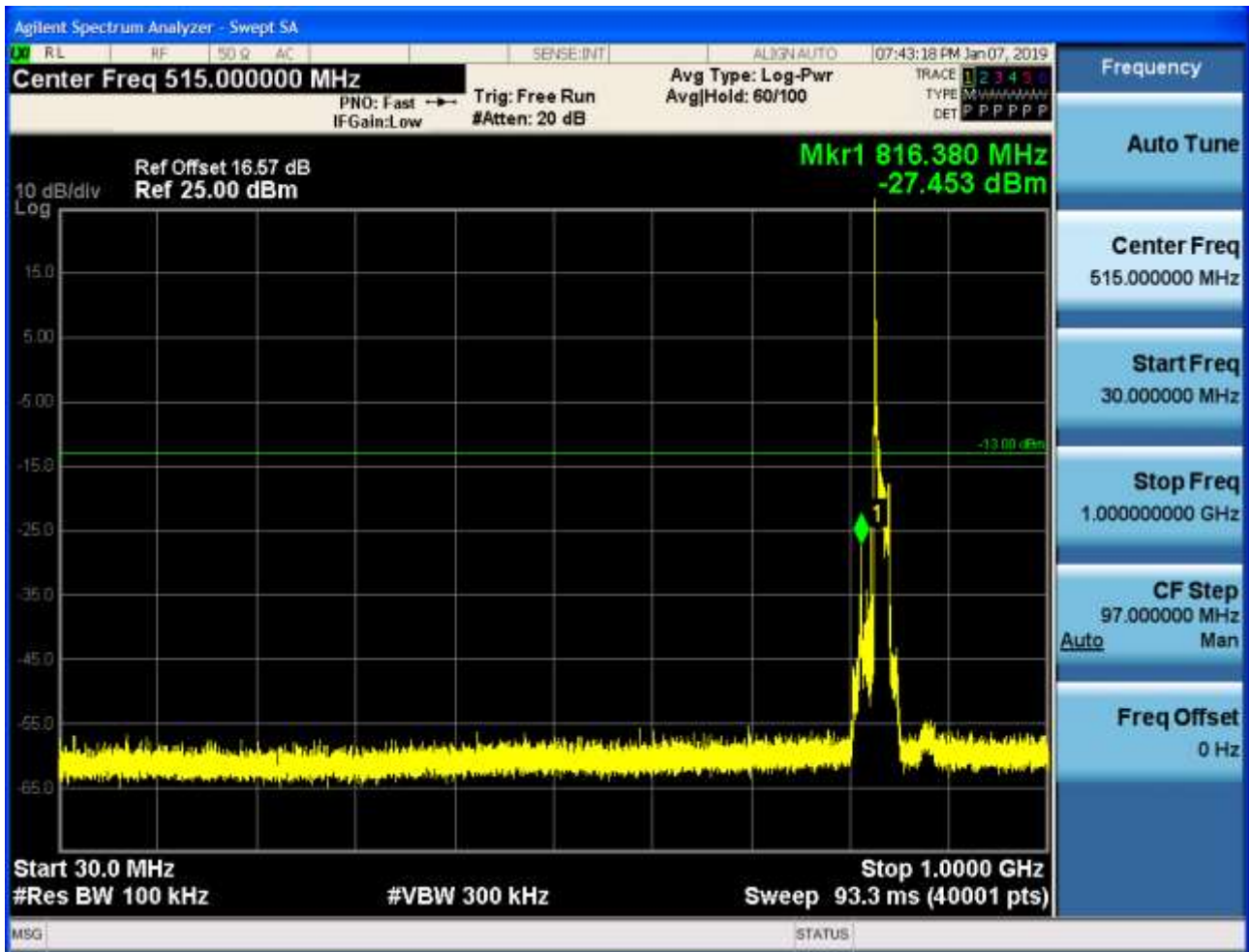


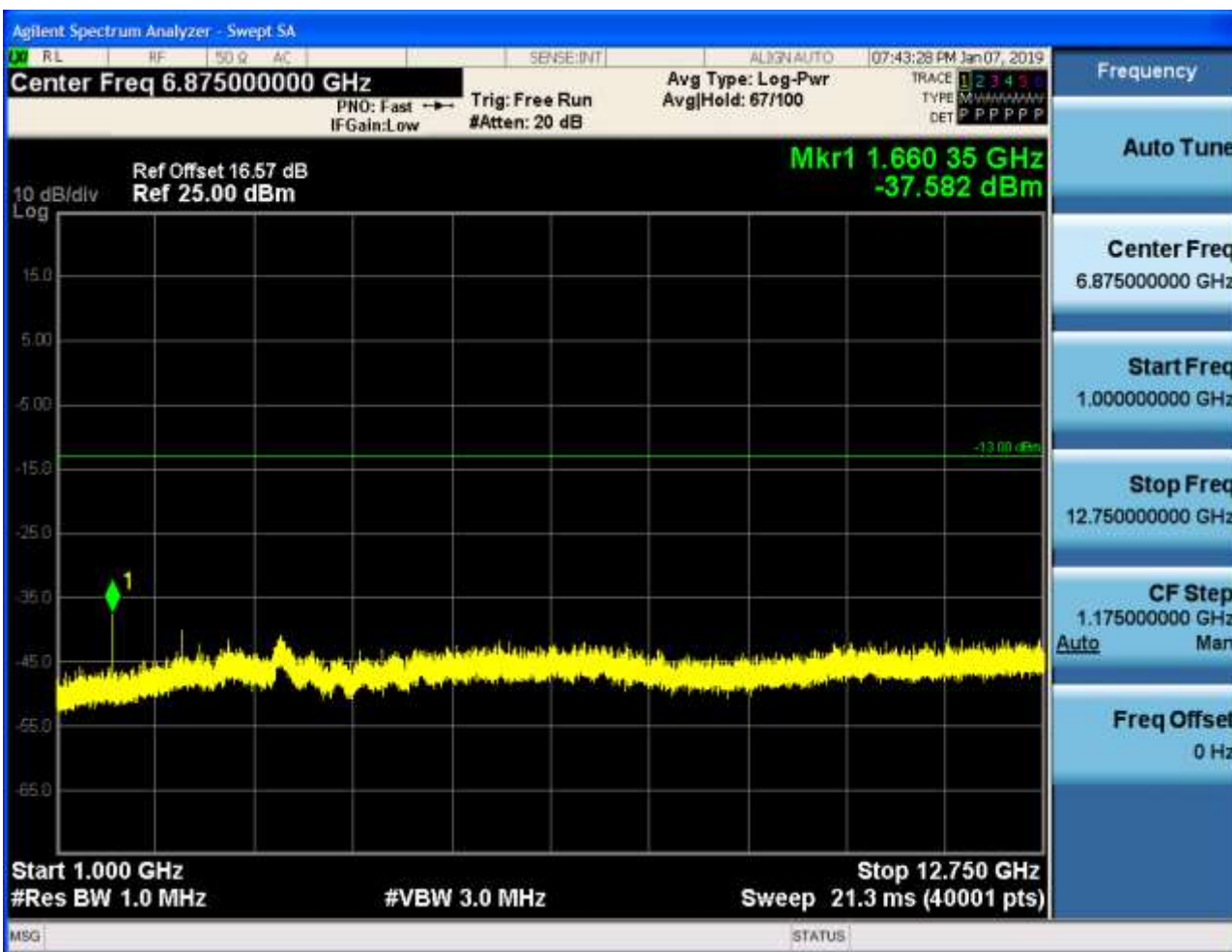
6.2.1.2.5.2 Test Channel = MCH

6.2.1.2.5.2.1 Test RB = RB1#0





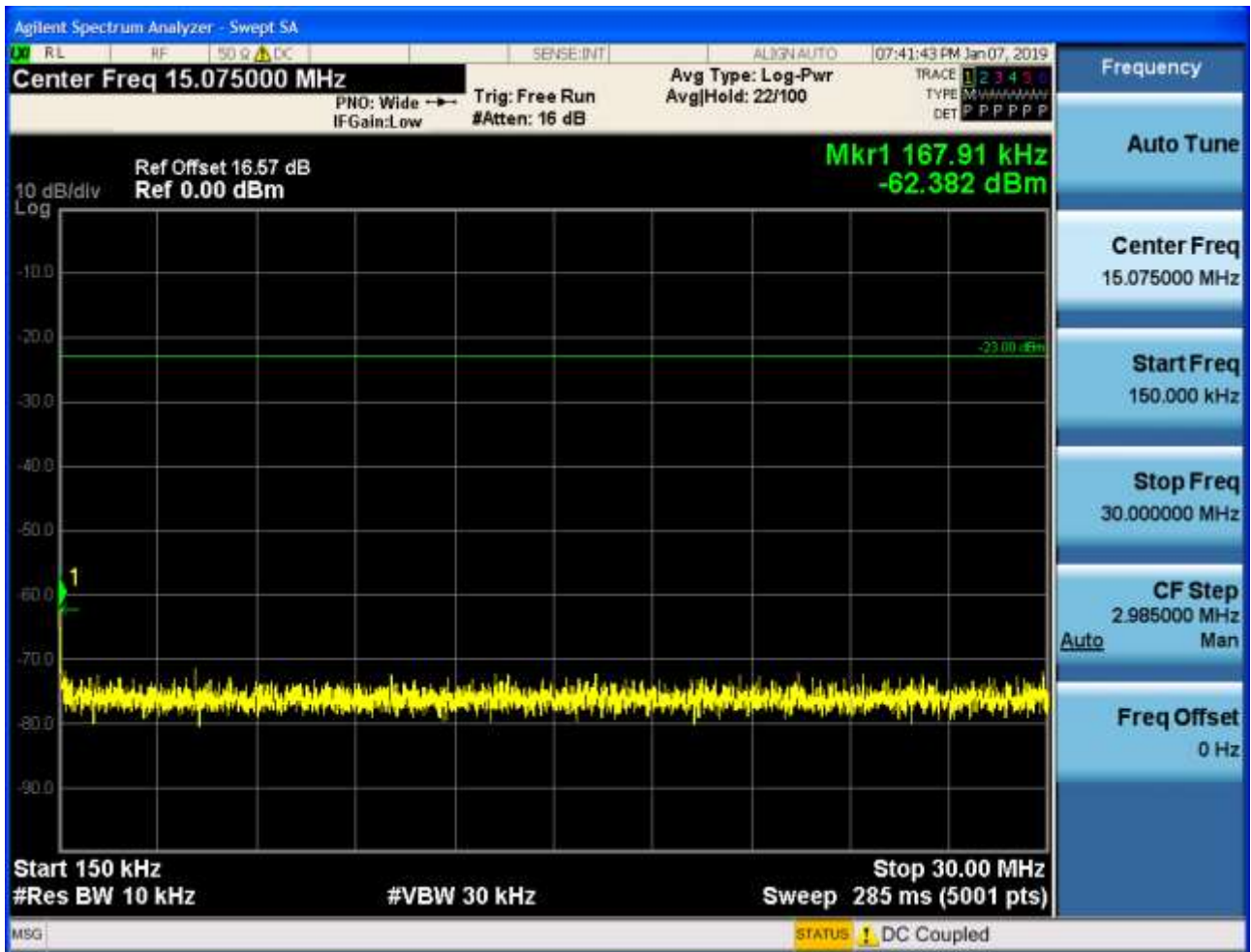


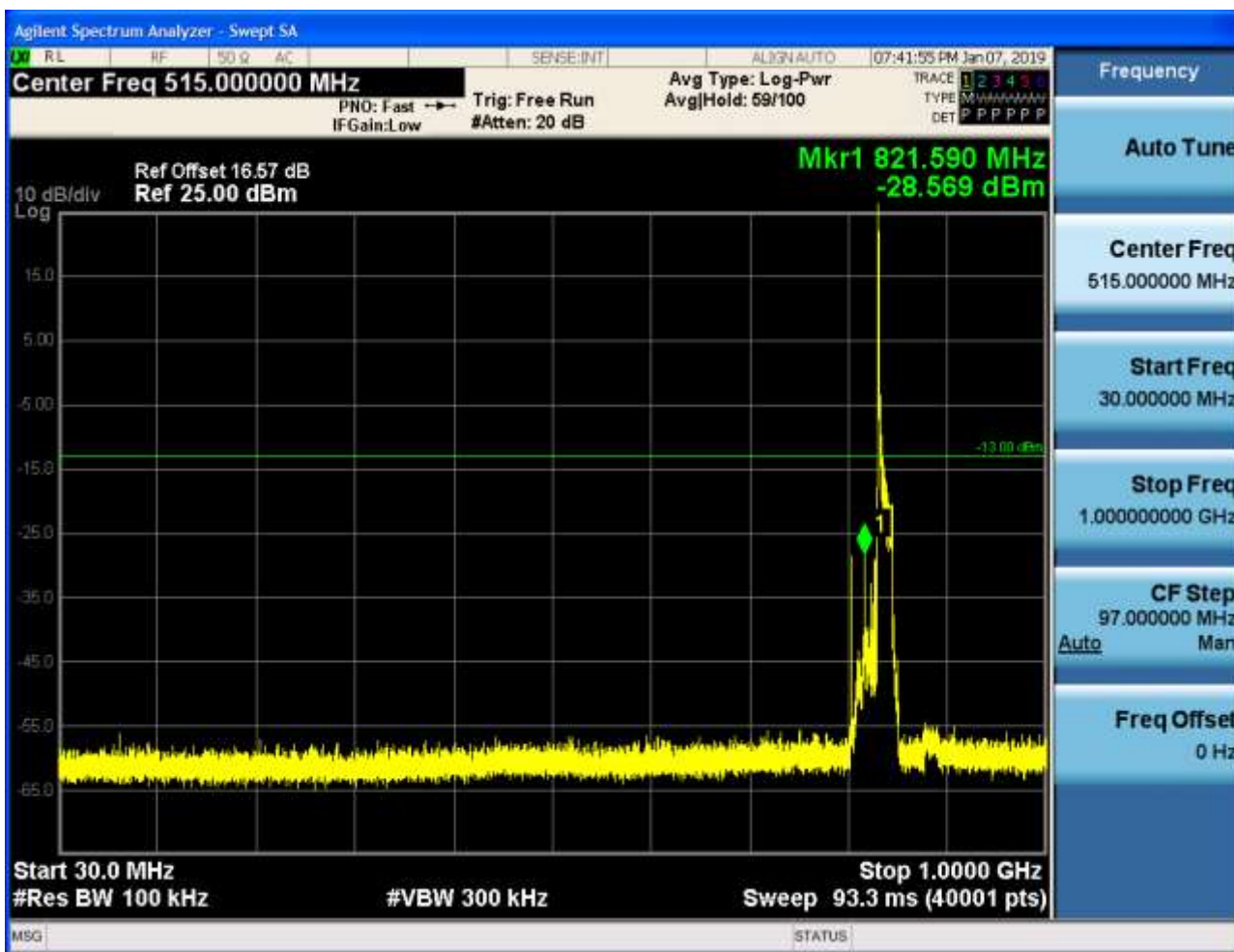


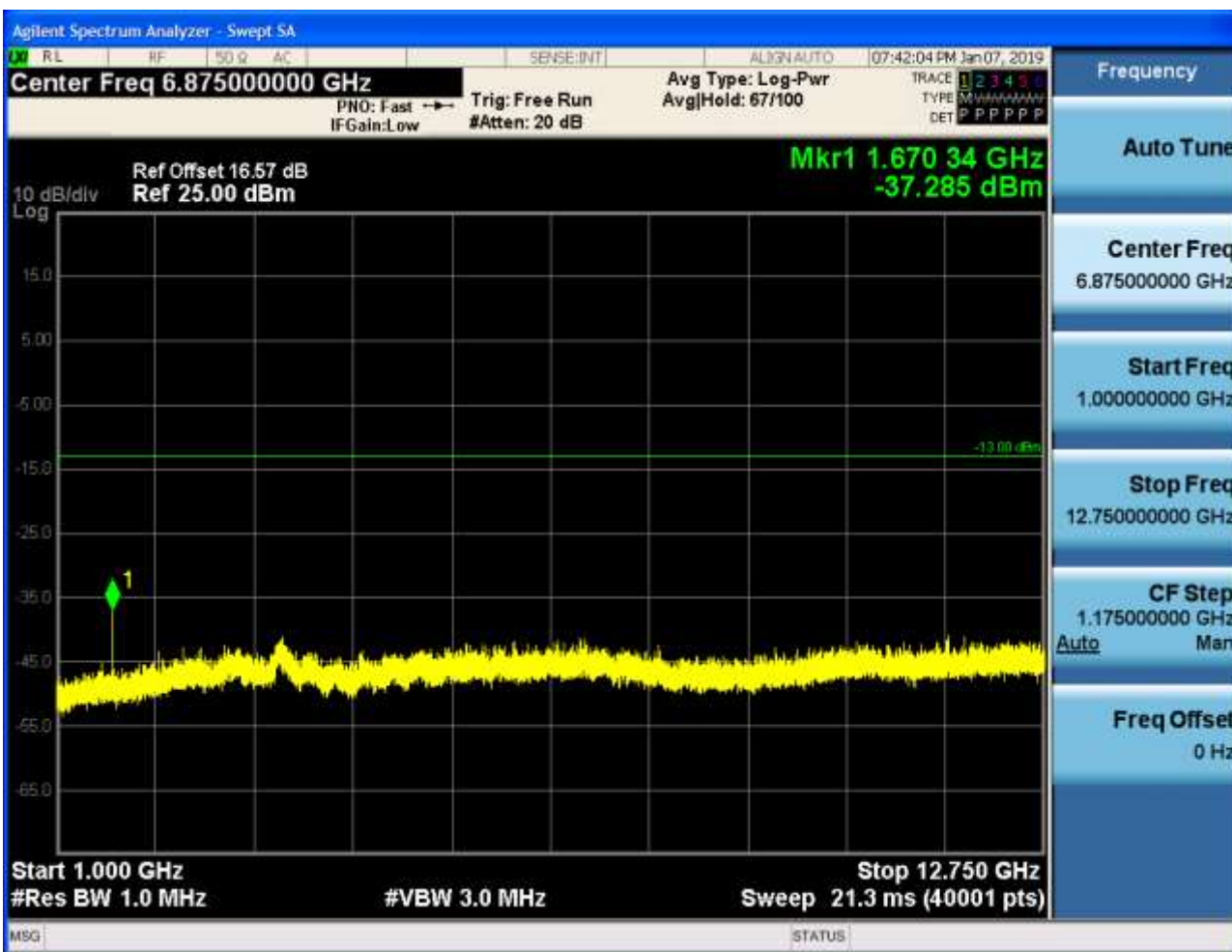
6.2.1.2.5.3 Test Channel = HCH

6.2.1.2.5.3.1 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

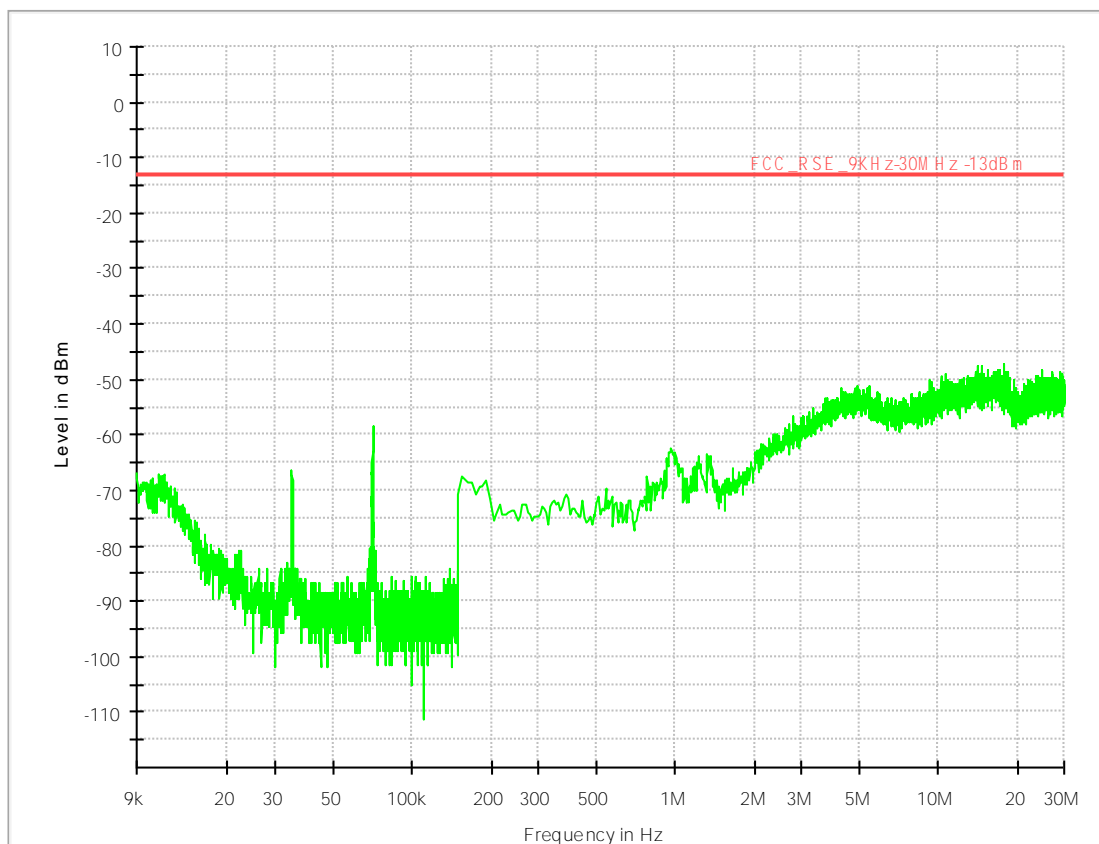
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

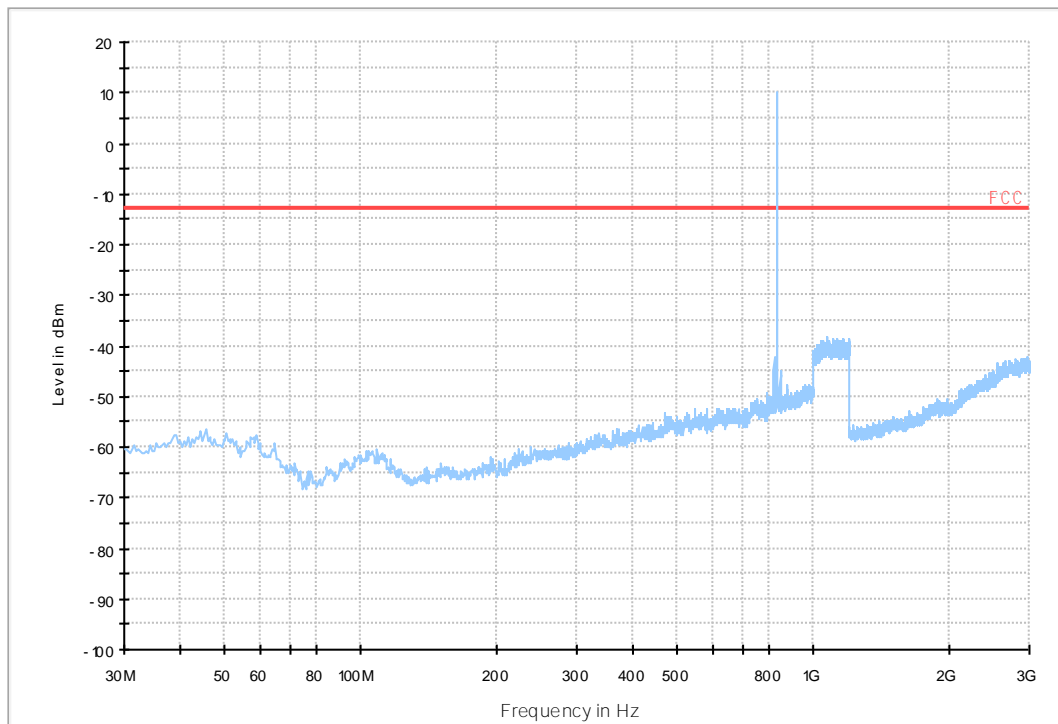
7.1 For LTE

7.1.1 Test Band = Band26 (824-849MHz) _ ANT1

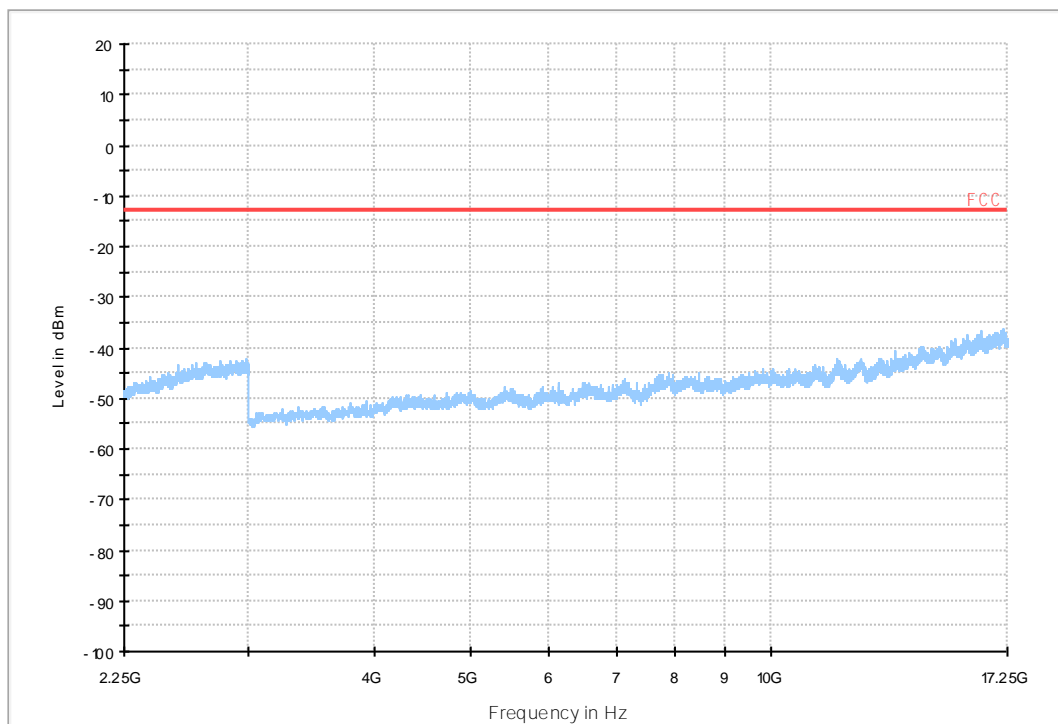
7.1.1.1 Test Bandwidth = 1.4



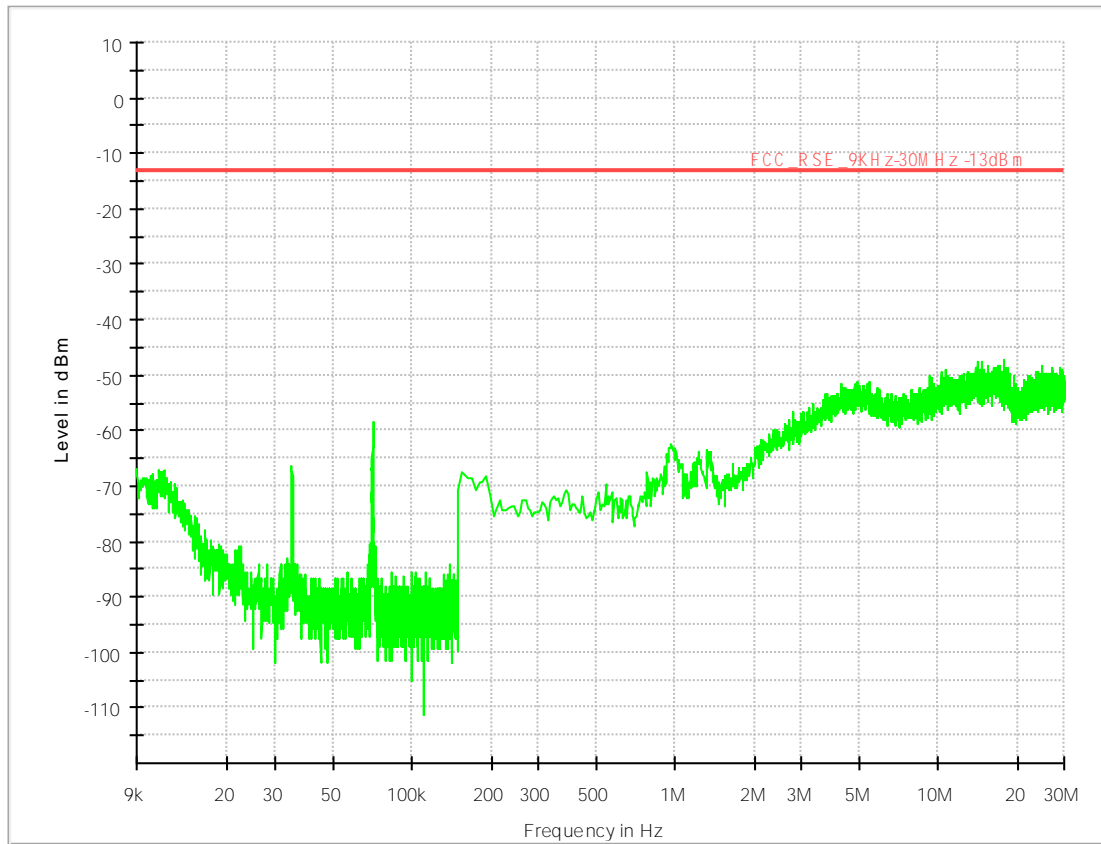
LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



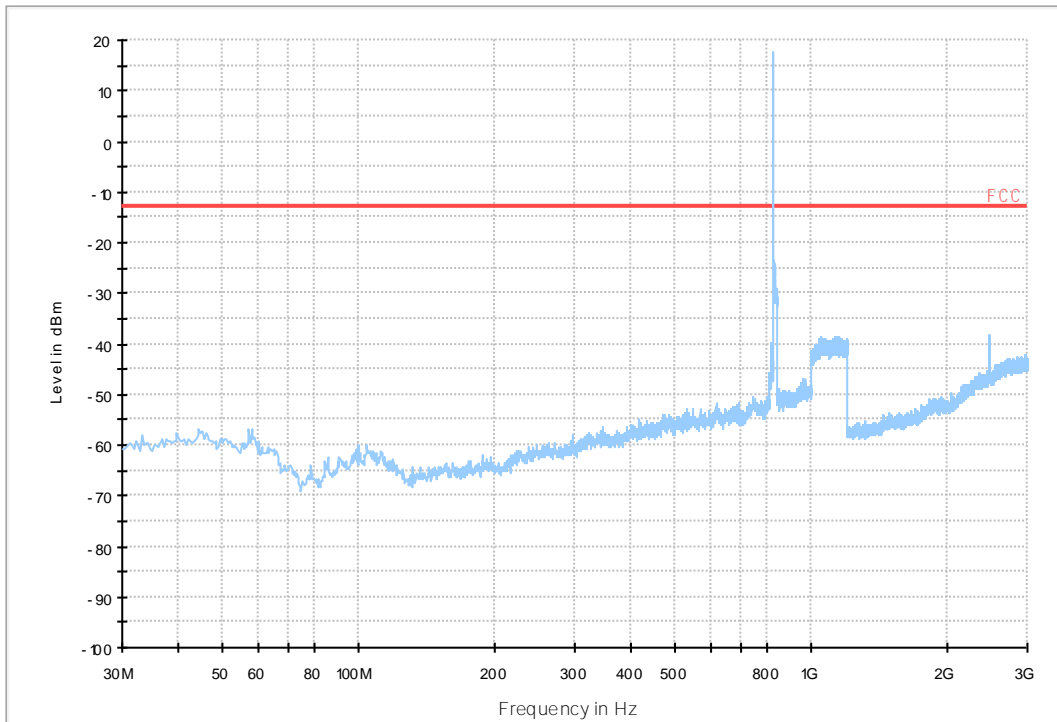
LTE FDD RSE-TX-DIRECTOR BELOW 1G_H



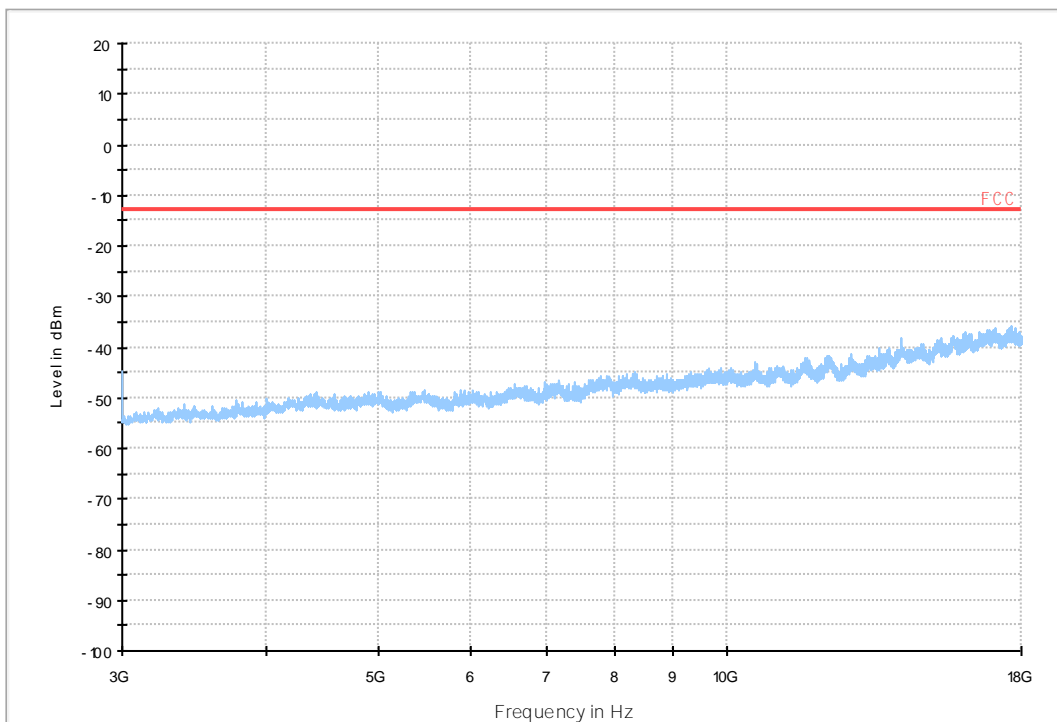
7.1.1.2 Test Bandwidth = 15



LTE FDD RSE-TX-DIRECTOR BELOW 1G_L

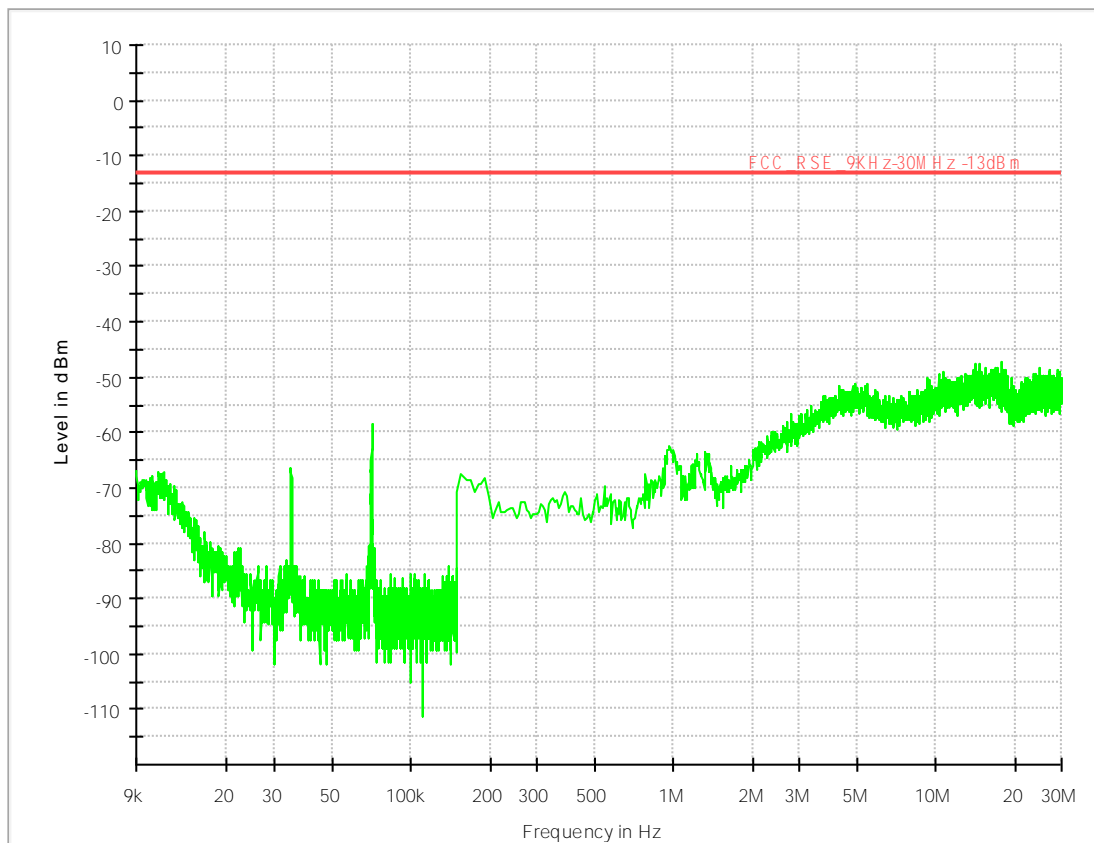


LTE FDD RSE-TX-DIRECTOR BELOW 1G_H

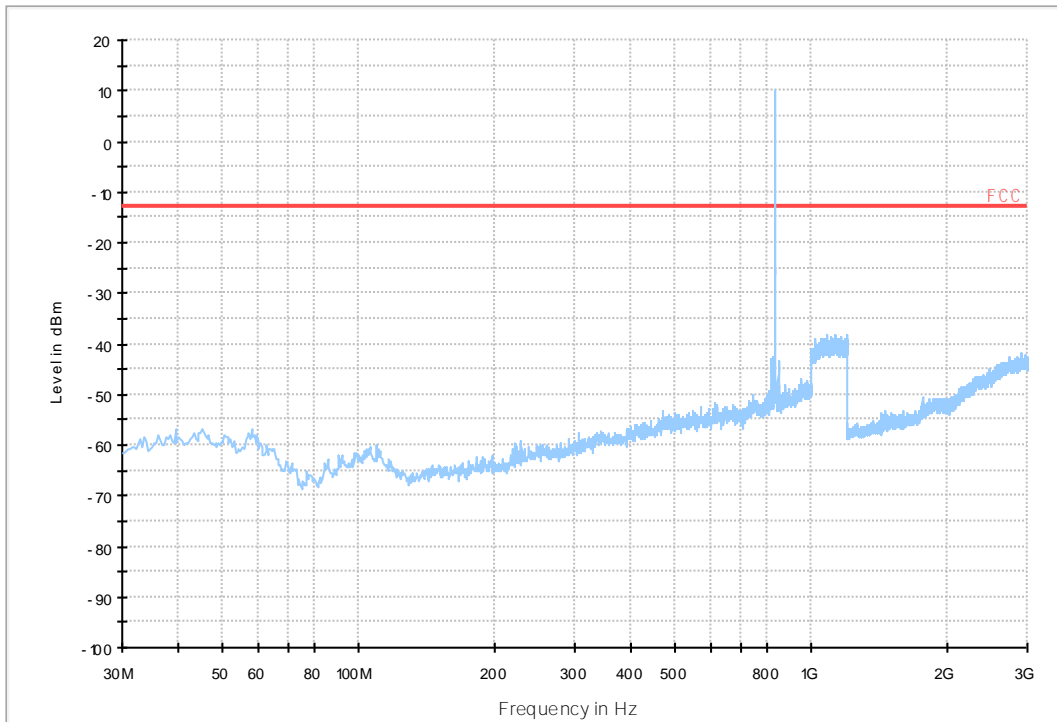


7.1.2 Test Band = Band26 (824-849MHz) _ ANT2

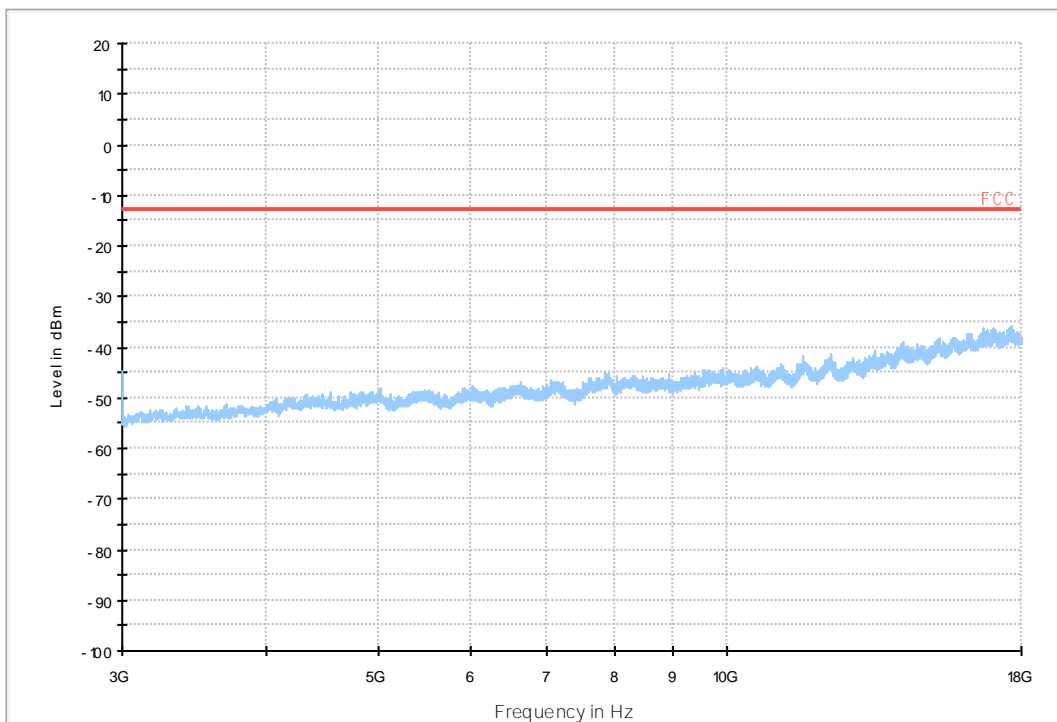
7.1.2.1 Test Bandwidth = 1.4



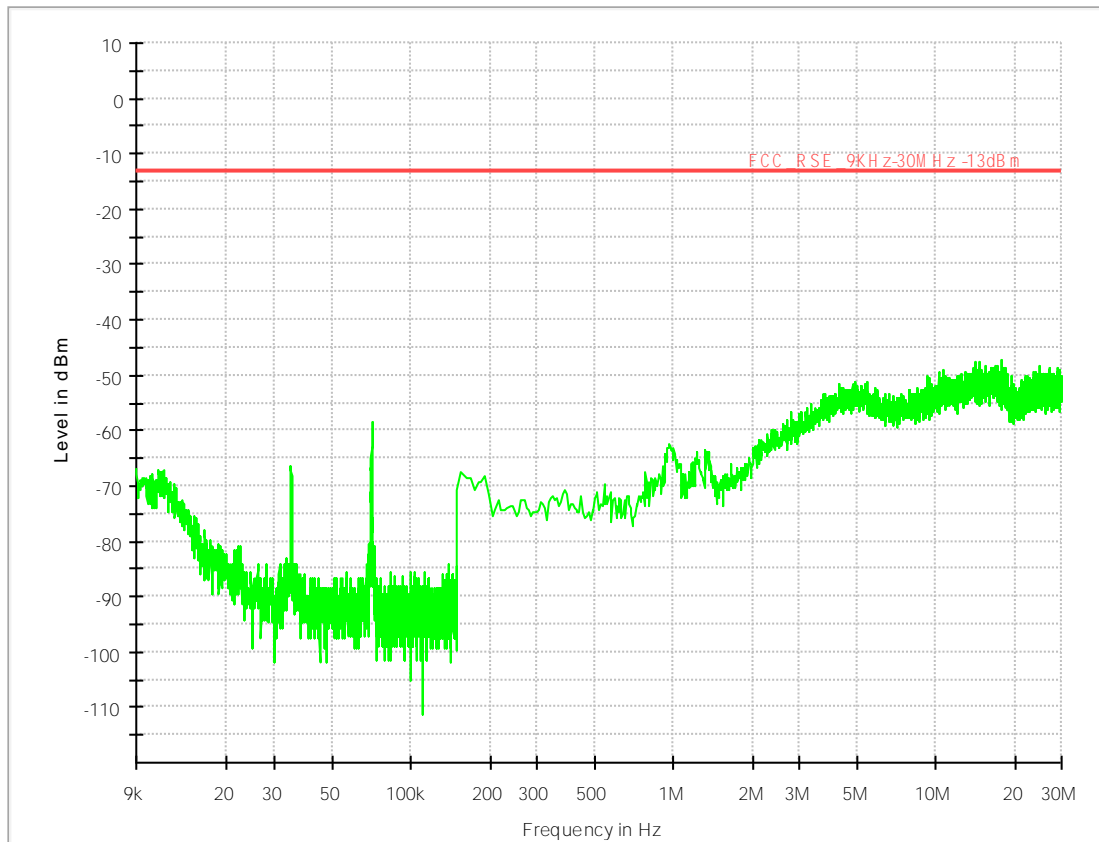
LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



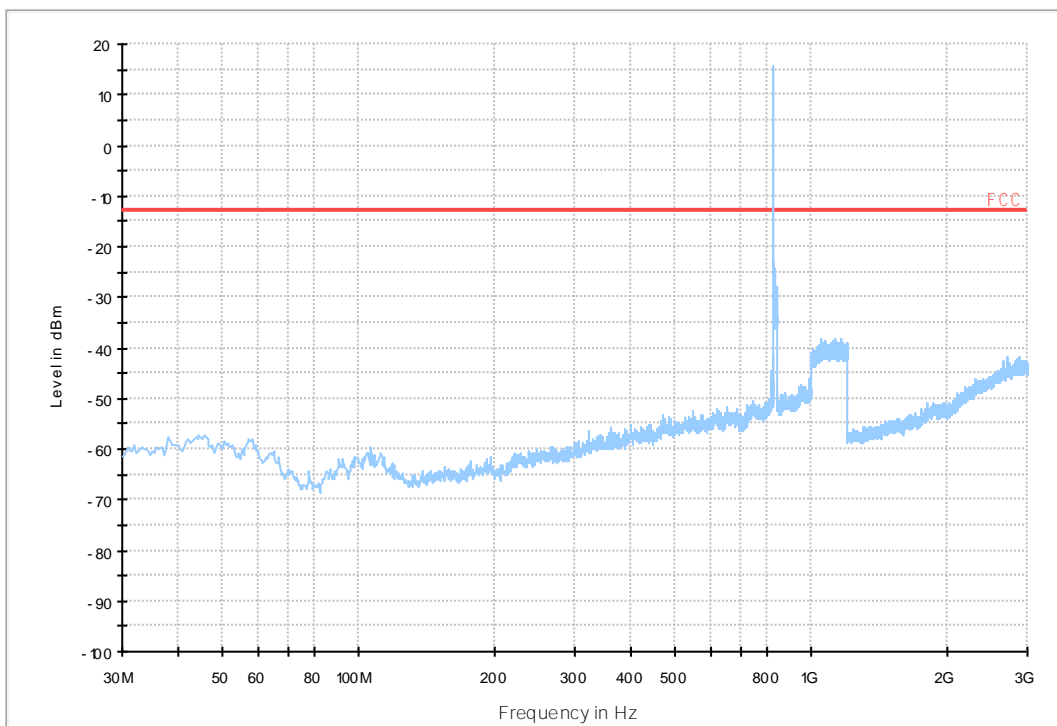
LTE FDD RSE-TX-DIRECTOR BELOW 1G_H



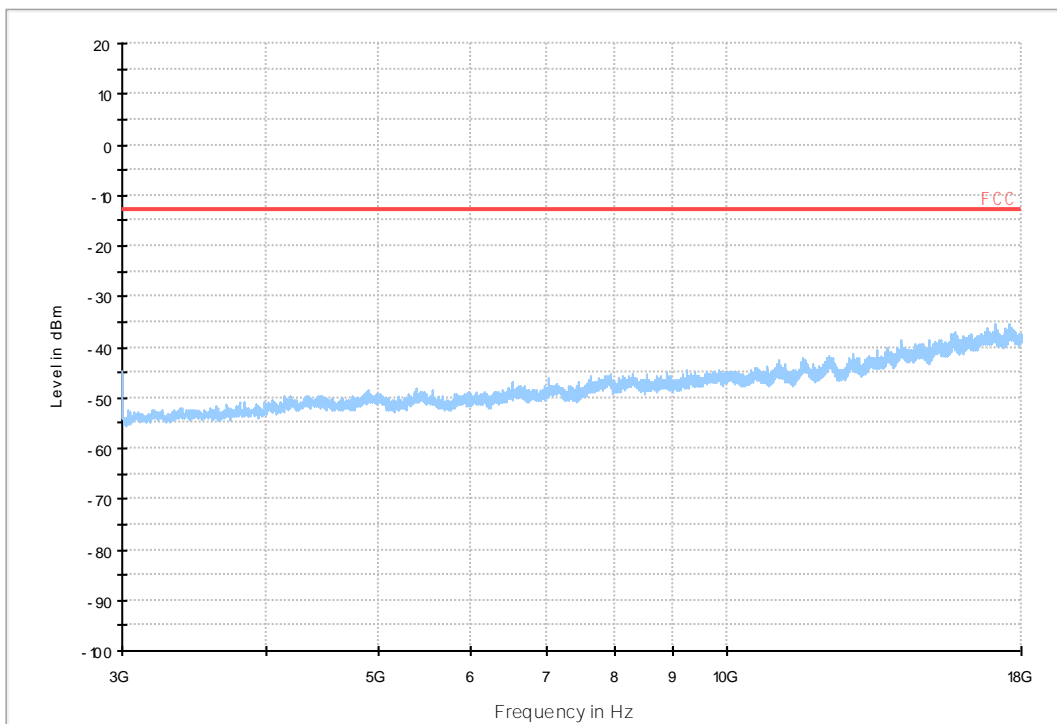
7.1.2.2 Test Bandwidth = 15



LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



LTE FDD RSE-TX-DIRECTOR BELOW 1G_H



8Appendix_H: Frequency Stability

8.1 For LTE

8.1.1 Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
Band26 (824-849MHz)	LTE/TM1	1.4	LCH	TN	VL	0.80109	0.00097	PASS
					VN	13.17501	0.01598	PASS
					VH	2.57492	0.00312	PASS
			MCH	TN	VL	2.66075	0.00318	PASS
					VN	2.08855	0.00250	PASS
					VH	-0.48637	-0.00058	PASS
			HCH	TN	VL	-3.76225	-0.00444	PASS
					VN	-5.26428	-0.00621	PASS
					VH	-9.44138	-0.01113	PASS
		3	LCH	TN	VL	-8.69751	-0.01054	PASS
					VN	10.44273	0.01265	PASS
					VH	-19.91272	-0.02412	PASS
			MCH	TN	VL	-0.44346	-0.00053	PASS
					VN	2.27451	0.00272	PASS
					VH	-0.11444	-0.00014	PASS
			HCH	TN	VL	-5.33581	-0.00630	PASS
					VN	-0.97275	-0.00115	PASS
					VH	3.67641	0.00434	PASS
		5	LCH	TN	VL	-4.22001	-0.00511	PASS
					VN	0.84400	0.00102	PASS
					VH	11.77311	0.01424	PASS
			MCH	TN	VL	-19.25468	-0.02302	PASS
					VN	-6.75201	-0.00807	PASS
					VH	-0.92983	-0.00111	PASS
			HCH	TN	VL	0.01431	0.00002	PASS
					VN	-1.30177	-0.00154	PASS
					VH	-4.39167	-0.00519	PASS
		10	LCH	TN	VL	2.24590	0.00271	PASS
					VN	-0.58651	-0.00071	PASS
					VH	1.31607	0.00159	PASS
			MCH	TN	VL	2.67506	0.00320	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	15	HCH	TN	VN	-5.42164	-0.00648	PASS
					VH	0.72956	0.00087	PASS
					VL	-1.98841	-0.00236	PASS
					VN	-2.84672	-0.00337	PASS
					VH	-0.58651	-0.00069	PASS
					VL	-5.06401	-0.00609	PASS
			LCH	TN	VN	-5.07832	-0.00611	PASS
					VH	-5.33581	-0.00642	PASS
					VL	1.11580	0.00133	PASS
					VN	-2.20299	-0.00263	PASS
					VH	1.04427	0.00125	PASS
					VL	-6.98090	-0.00830	PASS
		HCH	TN	VN	-3.81947	-0.00454	PASS	
				VH	-1.27316	-0.00151	PASS	
				VL	8.85487	0.01074	PASS	
				VN	1.35899	0.00165	PASS	
				VH	-0.25749	-0.00031	PASS	
				VL	-1.93119	-0.00231	PASS	
		MCH	TN	VN	-2.51770	-0.00301	PASS	
				VH	3.00407	0.00359	PASS	
				VL	-5.06401	-0.00597	PASS	
				VN	6.26564	0.00739	PASS	
				VH	-2.64645	-0.00312	PASS	
				VL	2.21729	0.00269	PASS	
		LCH	TN	VN	-5.50747	-0.00667	PASS	
				VH	-0.84400	-0.00102	PASS	
				VL	1.80244	0.00215	PASS	
				VN	-2.31743	-0.00277	PASS	
				VH	-1.37329	-0.00164	PASS	
				VL	7.75337	0.00915	PASS	
		HCH	TN	VN	5.86510	0.00692	PASS	
				VH	-0.72956	-0.00086	PASS	
				VL	4.19140	0.00507	PASS	
				VN	0.60081	0.00073	PASS	
				VH	-10.04219	-0.01215	PASS	
				VL	-5.67913	-0.00679	PASS	
		MCH	TN	VN	-12.48837	-0.01493	PASS	
				VH	3.31879	0.00397	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		10	HCH	TN	VL	1.02997	0.00122	PASS
					VN	0.35763	0.00042	PASS
					VH	-3.64780	-0.00431	PASS
			LCH	TN	VL	2.05994	0.00248	PASS
					VN	0.30041	0.00036	PASS
					VH	-2.64645	-0.00319	PASS
			MCH	TN	VL	0.11444	0.00014	PASS
					VN	-3.08990	-0.00369	PASS
					VH	7.19547	0.00860	PASS
		HCH	TN	VL	-1.38760	-0.00164	PASS	
				VN	-4.37737	-0.00519	PASS	
				VH	0.65804	0.00078	PASS	
		15	LCH	TN	VL	-0.04292	-0.00005	PASS
					VN	-2.84672	-0.00342	PASS
					VH	-0.38624	-0.00046	PASS
			MCH	TN	VL	6.36578	0.00761	PASS
					VN	1.94550	0.00233	PASS
					VH	1.85966	0.00222	PASS
			HCH	TN	VL	2.27451	0.00270	PASS
					VN	0.04292	0.00005	PASS
					VH	-5.99384	-0.00712	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
Band26 (824-849MHz)	LTE/TM1	1.4	LCH	VN	-30	2.50339	0.00304	PASS
					-20	6.32286	0.00767	PASS
					-10	12.51698	0.01518	PASS
					0	4.96387	0.00602	PASS
					10	-0.38624	-0.00047	PASS
					20	13.17501	0.01598	PASS
					30	8.82626	0.01070	PASS
					40	-12.25948	-0.01487	PASS
					50	8.33988	0.01011	PASS
			MCH	VN	-30	-10.52856	-0.01259	PASS
					-20	-5.92232	-0.00708	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					-10	1.95980	0.00234	PASS			
					0	1.65939	0.00198	PASS			
					10	4.40597	0.00527	PASS			
					20	2.08855	0.00250	PASS			
					30	5.70774	0.00682	PASS			
					40	-8.54015	-0.01021	PASS			
			50	-4.24862	-0.00508	PASS					
			HCH	VN	-30	-10.11372	-0.01192	PASS			
					-20	3.21865	0.00379	PASS			
					-10	6.09398	0.00718	PASS			
					0	0.51498	0.00061	PASS			
					10	-1.27316	-0.00150	PASS			
					20	-5.26428	-0.00621	PASS			
			30	-1.70231	-0.00201	PASS					
			40	3.14712	0.00371	PASS					
			50	5.07832	0.00599	PASS					
			3			LCH	VN	-30	-3.66211	-0.00444	PASS
								-20	8.36849	0.01014	PASS
		-10						10.24246	0.01241	PASS	
		0						-3.44753	-0.00418	PASS	
		10						-1.10149	-0.00133	PASS	
		20						10.44273	0.01265	PASS	
		30						1.50204	0.00182	PASS	
		40						6.73771	0.00816	PASS	
		50						-3.64780	-0.00442	PASS	
		MCH			VN	-30	2.53200	0.00303	PASS		
						-20	-0.71526	-0.00086	PASS		
						-10	-0.91553	-0.00109	PASS		
						0	4.11987	0.00493	PASS		
						10	-4.59194	-0.00549	PASS		
						20	2.27451	0.00272	PASS		
						30	-1.40190	-0.00168	PASS		
						40	-5.26428	-0.00629	PASS		
						50	-0.12875	-0.00015	PASS		
		HCH	VN	-30	5.22137	0.00616	PASS				
				-20	-4.52042	-0.00533	PASS				
-10	0.47207			0.00056	PASS						
0	-1.98841			-0.00235	PASS						
10	1.38760			0.00164	PASS						



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					20	-0.97275	-0.00115	PASS		
					30	5.12123	0.00604	PASS		
					40	-0.78678	-0.00093	PASS		
					50	-1.44482	-0.00170	PASS		
		5	LCH	VN	-30	6.69479	0.00810	PASS		
					-20	-0.55790	-0.00068	PASS		
					-10	-2.70367	-0.00327	PASS		
					0	-3.69072	-0.00447	PASS		
					10	-0.35763	-0.00043	PASS		
					20	0.84400	0.00102	PASS		
					30	4.30584	0.00521	PASS		
					40	4.77791	0.00578	PASS		
					50	-5.73635	-0.00694	PASS		
					MCH	VN	-30	15.04898	0.01799	PASS
							-20	7.82490	0.00935	PASS
							-10	-6.68049	-0.00799	PASS
							0	1.53065	0.00183	PASS
							10	-2.51770	-0.00301	PASS
							20	-6.75201	-0.00807	PASS
							30	0.58651	0.00070	PASS
		40	-23.00262	-0.02750			PASS			
		HCH	VN	-30	0.44346	0.00052	PASS			
				-20	-3.06129	-0.00362	PASS			
				-10	-2.37465	-0.00281	PASS			
				0	-11.25813	-0.01330	PASS			
				10	1.60217	0.00189	PASS			
				20	-1.30177	-0.00154	PASS			
				30	-0.11444	-0.00014	PASS			
				40	2.16007	0.00255	PASS			
		10	LCH	VN	-30	3.61919	0.00437	PASS		
					-20	0.41485	0.00050	PASS		
					-10	2.34604	0.00283	PASS		
0	5.53608				0.00668	PASS				
10	1.87397				0.00226	PASS				
20	-0.58651				-0.00071	PASS				
30	2.28882				0.00276	PASS				
40	1.08719				0.00131	PASS				



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					50	0.68665	0.00083	PASS	
			MCH	VN	-30	-2.66075	-0.00318	PASS	
					-20	-0.60081	-0.00072	PASS	
					-10	-1.80244	-0.00215	PASS	
					0	0.12875	0.00015	PASS	
					10	-0.70095	-0.00084	PASS	
					20	-5.42164	-0.00648	PASS	
					30	-1.23024	-0.00147	PASS	
					40	-0.08583	-0.00010	PASS	
					50	-2.67506	-0.00320	PASS	
			HCH	VN	-30	-4.46320	-0.00529	PASS	
					-20	-0.27180	-0.00032	PASS	
					-10	-1.07288	-0.00127	PASS	
					0	0.61512	0.00073	PASS	
					10	-5.26428	-0.00624	PASS	
					20	-2.84672	-0.00337	PASS	
					30	1.74522	0.00207	PASS	
					40	-1.45912	-0.00173	PASS	
					50	-0.24319	-0.00029	PASS	
		15	LCH	VN	-30	-0.22888	-0.00028	PASS	
						-20	0.25749	0.00031	PASS
						-10	-3.14712	-0.00378	PASS
						0	-1.07288	-0.00129	PASS
						10	-0.61512	-0.00074	PASS
						20	-5.07832	-0.00611	PASS
						30	-7.85351	-0.00944	PASS
						40	-4.52042	-0.00544	PASS
						50	-0.01431	-0.00002	PASS
				MCH	VN	-30	-2.10285	-0.00251	PASS
						-20	1.34468	0.00161	PASS
						-10	-2.31743	-0.00277	PASS
						0	-0.17166	-0.00021	PASS
						10	-1.75953	-0.00210	PASS
						20	-2.20299	-0.00263	PASS
						30	-2.57492	-0.00308	PASS
						40	-1.74522	-0.00209	PASS
						50	-0.78678	-0.00094	PASS
			HCH	VN	-30	-3.01838	-0.00359	PASS	
					-20	-1.80244	-0.00214	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	-10	-1.93119	-0.00229	PASS
					0	-2.87533	-0.00342	PASS
					10	-3.00407	-0.00357	PASS
					20	-3.81947	-0.00454	PASS
					30	-7.15256	-0.00850	PASS
					40	-1.45912	-0.00173	PASS
					50	-1.07288	-0.00127	PASS
			MCH	VN	-30	-0.05722	-0.00007	PASS
					-20	5.16415	0.00626	PASS
					-10	-10.98633	-0.01332	PASS
					0	-1.18732	-0.00144	PASS
					10	7.61032	0.00923	PASS
					20	1.35899	0.00165	PASS
					30	-0.67234	-0.00082	PASS
	HCH	VN	-30	-0.05722	-0.00007	PASS		
			-20	5.16415	0.00626	PASS		
			-10	-10.98633	-0.01332	PASS		
			0	-1.18732	-0.00144	PASS		
			10	7.61032	0.00923	PASS		
			20	1.35899	0.00165	PASS		
			30	-0.67234	-0.00082	PASS		
	3	LCH	VN	-30	6.56605	0.00785	PASS	
				-20	18.68248	0.02233	PASS	
				-10	-1.30177	-0.00156	PASS	
				0	-2.27451	-0.00272	PASS	
				10	-3.73364	-0.00446	PASS	
				20	-2.51770	-0.00301	PASS	
		LCH	VN	30	-4.96387	-0.00593	PASS	
				40	5.16415	0.00617	PASS	
				50	-0.35763	-0.00043	PASS	
				-30	-4.87804	-0.00575	PASS	
				-20	-3.13282	-0.00369	PASS	
				-10	-8.16822	-0.00963	PASS	
	LCH	VN	0	-16.92295	-0.01995	PASS		
			10	-1.31607	-0.00155	PASS		
			20	6.26564	0.00739	PASS		
			30	0.00000	0.00000	PASS		
			40	1.63078	0.00192	PASS		
			50	-8.13961	-0.00960	PASS		
	LCH	VN	-30	-0.30041	-0.00036	PASS		
-20			9.31263	0.01128	PASS			
-10			8.08239	0.00979	PASS			
0			-13.38959	-0.01622	PASS			
10			-10.44273	-0.01265	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					20	-5.50747	-0.00667	PASS		
					30	5.12123	0.00620	PASS		
					40	-14.86301	-0.01800	PASS		
					50	11.17229	0.01353	PASS		
			MCH	VN	-30	-1.63078	-0.00195	PASS		
					-20	1.50204	0.00180	PASS		
					-10	-1.97411	-0.00236	PASS		
					0	0.67234	0.00080	PASS		
					10	-0.41485	-0.00050	PASS		
					20	-2.31743	-0.00277	PASS		
					30	-7.38144	-0.00882	PASS		
					40	-0.74387	-0.00089	PASS		
					50	5.80788	0.00694	PASS		
					HCH	VN	-30	-3.76225	-0.00444	PASS
							-20	4.70638	0.00555	PASS
							-10	-0.47207	-0.00056	PASS
			0	-3.83377			-0.00452	PASS		
			10	6.45161			0.00761	PASS		
			20	5.86510			0.00692	PASS		
			30	0.80109			0.00095	PASS		
			40	-5.24998			-0.00619	PASS		
			5	LCH	VN	-30	-3.43323	-0.00415	PASS	
						-20	-2.16007	-0.00261	PASS	
						-10	1.37329	0.00166	PASS	
						0	2.51770	0.00305	PASS	
						10	1.63078	0.00197	PASS	
						20	0.60081	0.00073	PASS	
						30	2.20299	0.00267	PASS	
						40	4.97818	0.00602	PASS	
				MCH	VN	50	2.53200	0.00306	PASS	
						-30	-7.36713	-0.00881	PASS	
						-20	6.58035	0.00787	PASS	
						-10	3.91960	0.00469	PASS	
						0	-3.87669	-0.00463	PASS	
						10	-14.64844	-0.01751	PASS	
						20	-12.48837	-0.01493	PASS	
						30	-10.91480	-0.01305	PASS	
			40	7.99656	0.00956	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	-10.85758	-0.01298	PASS
					-30	1.80244	0.00213	PASS
					-20	0.98705	0.00117	PASS
					-10	0.34332	0.00041	PASS
					0	3.57628	0.00422	PASS
					10	2.53200	0.00299	PASS
					20	0.35763	0.00042	PASS
					30	1.23024	0.00145	PASS
					40	-5.73635	-0.00678	PASS
			50	0.04292	0.00005	PASS		
			LCH	VN	-30	-0.31471	-0.00038	PASS
					-20	0.11444	0.00014	PASS
					-10	0.92983	0.00112	PASS
					0	2.03133	0.00245	PASS
					10	-1.97411	-0.00238	PASS
					20	0.30041	0.00036	PASS
					30	0.24319	0.00029	PASS
					40	-1.60217	-0.00193	PASS
		50			2.18868	0.00264	PASS	
		MCH	VN	-30	2.17438	0.00260	PASS	
				-20	0.51498	0.00062	PASS	
				-10	0.57220	0.00068	PASS	
				0	0.52929	0.00063	PASS	
				10	0.45776	0.00055	PASS	
				20	-3.08990	-0.00369	PASS	
				30	-0.18597	-0.00022	PASS	
				40	-0.64373	-0.00077	PASS	
				50	-0.01431	-0.00002	PASS	
		HCH	VN	-30	2.07424	0.00246	PASS	
				-20	-2.66075	-0.00315	PASS	
				-10	-3.00407	-0.00356	PASS	
				0	1.80244	0.00214	PASS	
				10	-1.08719	-0.00129	PASS	
				20	-4.37737	-0.00519	PASS	
				30	-1.70231	-0.00202	PASS	
				40	-1.50204	-0.00178	PASS	
				50	-2.44618	-0.00290	PASS	
		15	LCH	VN	-30	-0.24319	-0.00029	PASS
					-20	-2.91824	-0.00351	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-0.30041	-0.00036	PASS
					0	-0.34332	-0.00041	PASS
					10	-0.91553	-0.00110	PASS
					20	-2.84672	-0.00342	PASS
					30	-3.19004	-0.00384	PASS
					40	-0.47207	-0.00057	PASS
					50	-0.07153	-0.00009	PASS
			MCH	VN	-30	0.98705	0.00118	PASS
					-20	0.01431	0.01431	PASS
					-10	0.22888	0.00027	PASS
					0	-0.15736	-0.00019	PASS
					10	0.67234	0.00080	PASS
					20	1.94550	0.00233	PASS
					30	0.34332	0.00041	PASS
			HCH	VN	-30	-0.60081	-0.00071	PASS
					-20	2.30312	0.00274	PASS
					-10	-2.51770	-0.00299	PASS
					0	-1.45912	-0.00173	PASS
					10	-2.08855	-0.00248	PASS
					20	0.04292	0.00005	PASS
					30	-3.10421	-0.00369	PASS
			40	-1.55926	-0.00185	PASS		
			50	-2.54631	-0.00303	PASS		

END