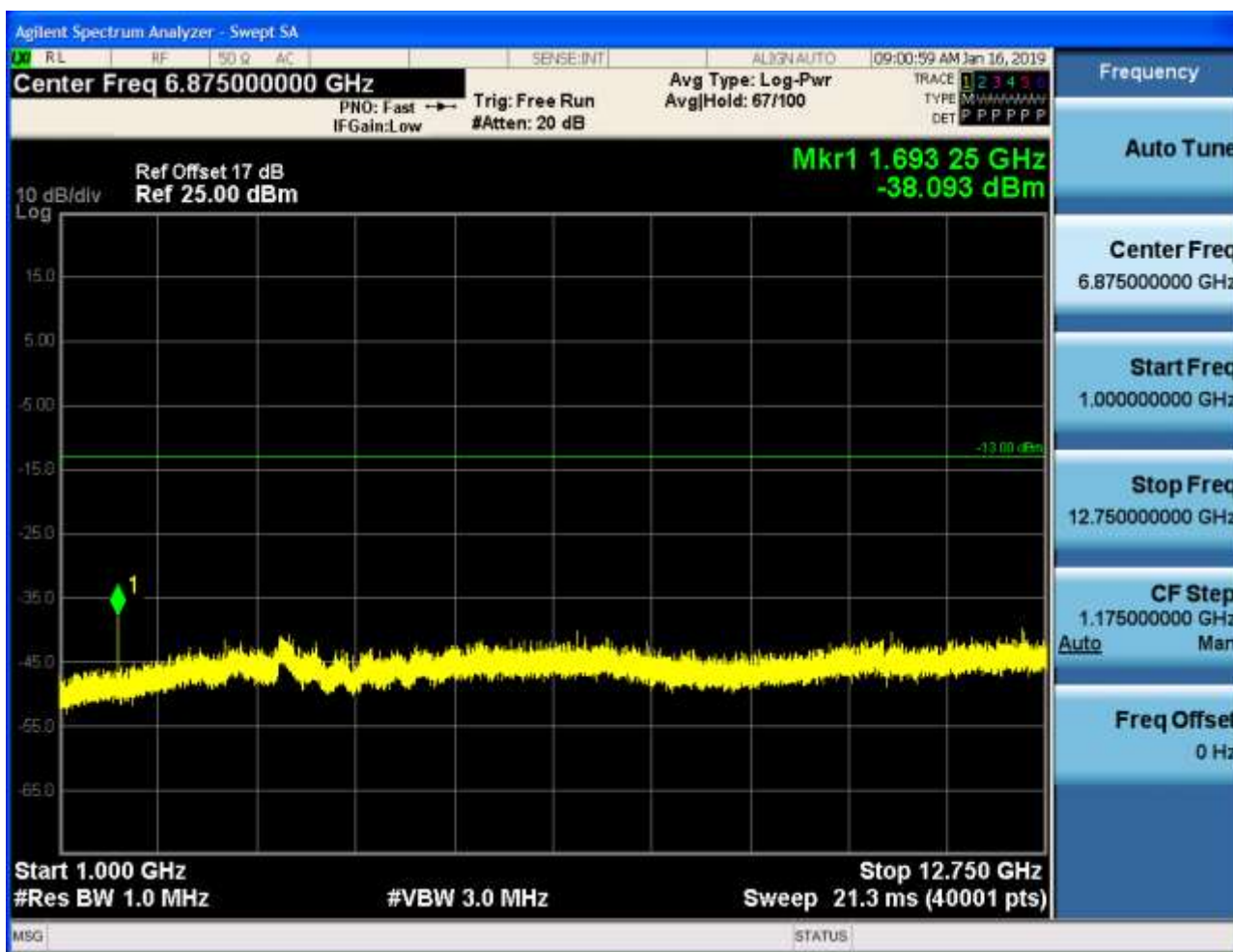


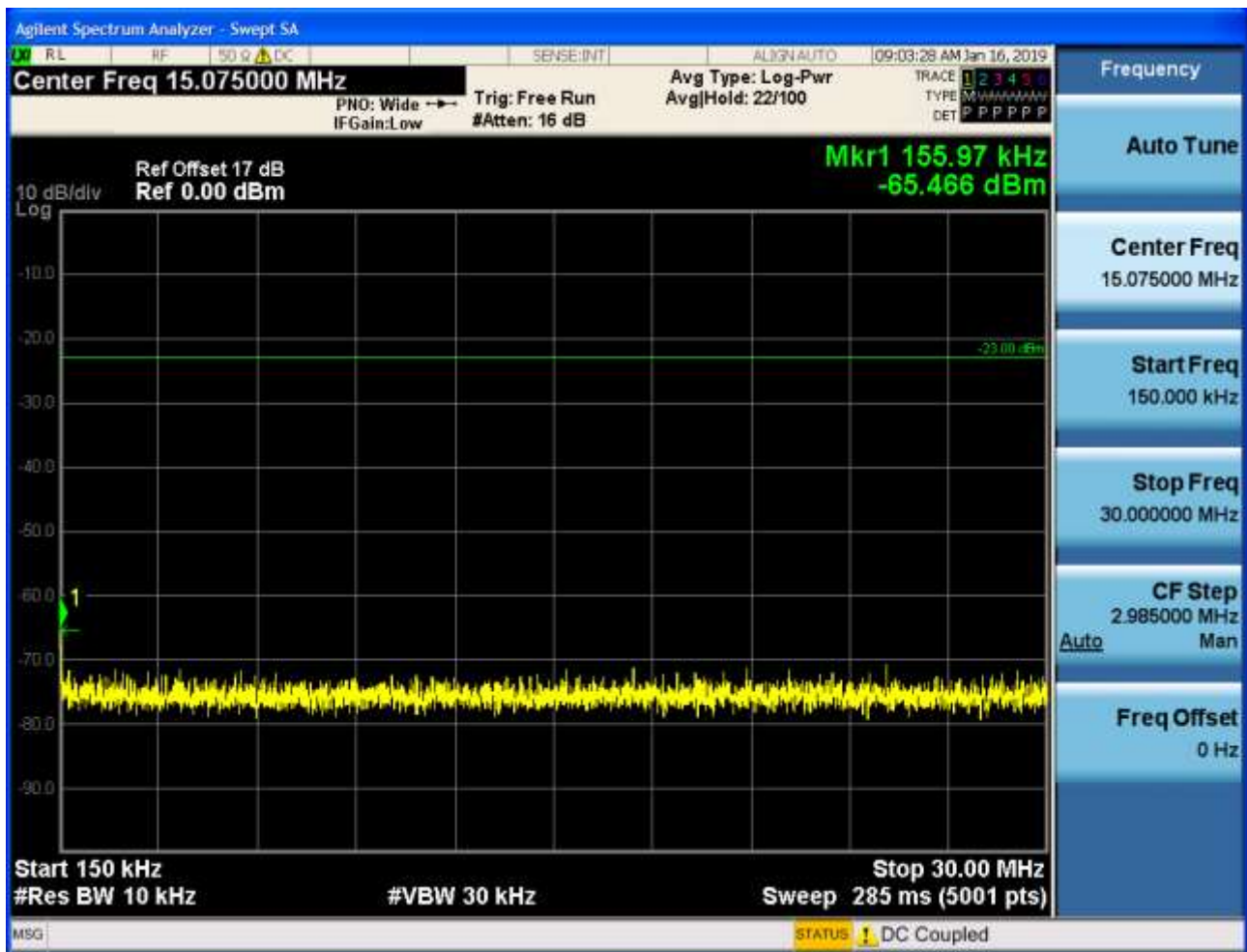


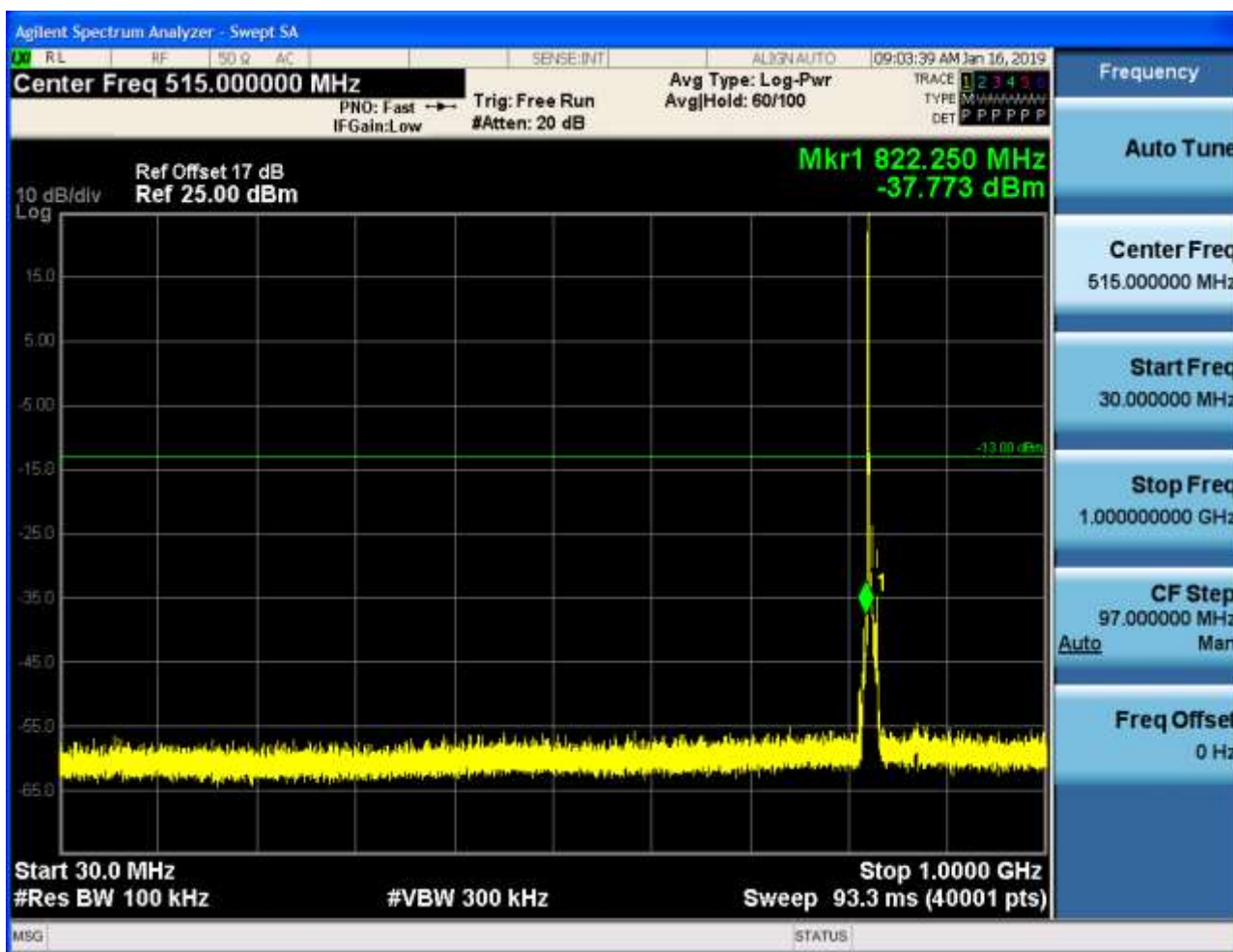
6.2.1.1.3 Test Bandwidth = 5

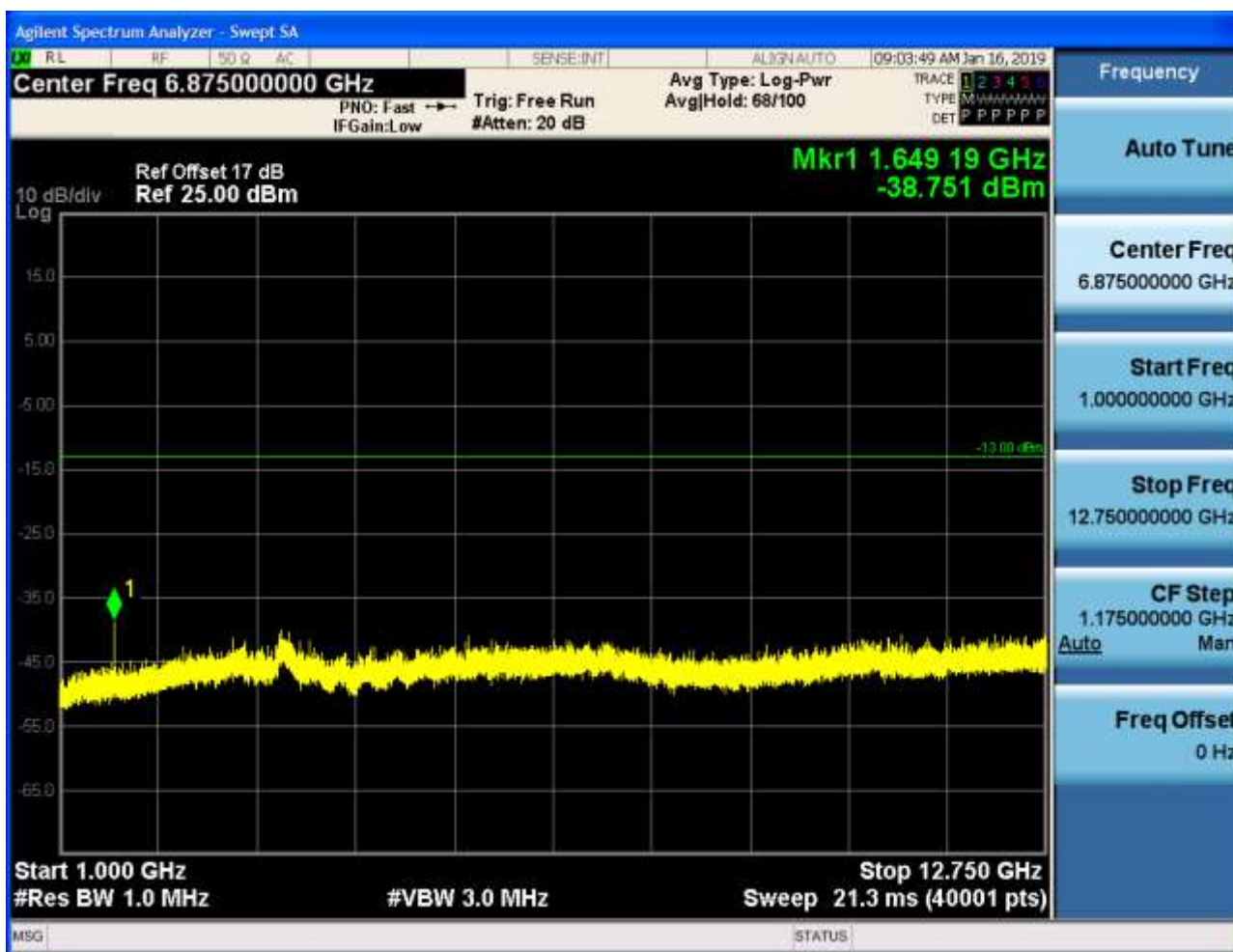
6.2.1.1.3.1 Test Channel = LCH

6.2.1.1.3.1.1 Test RB = RB1#0





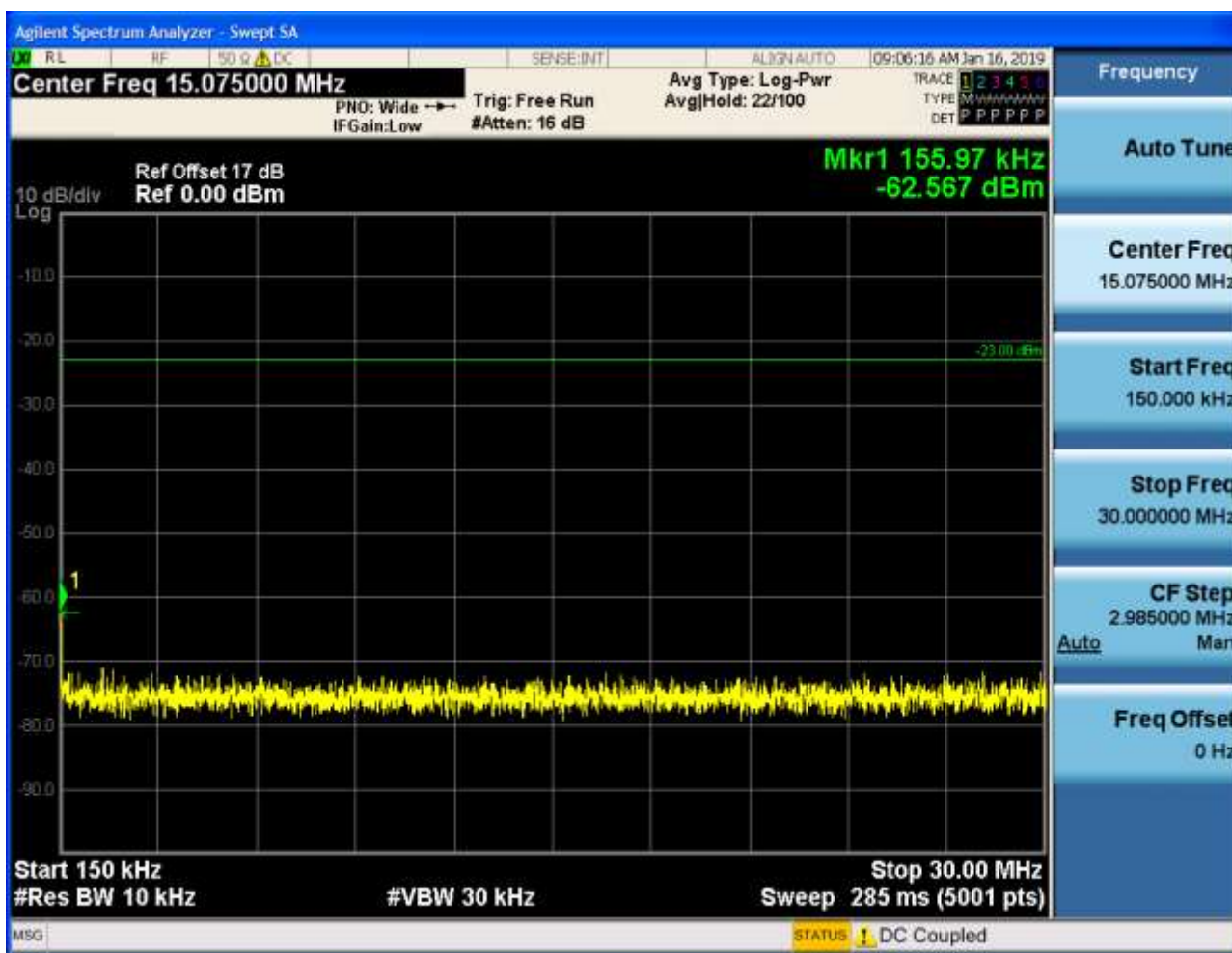


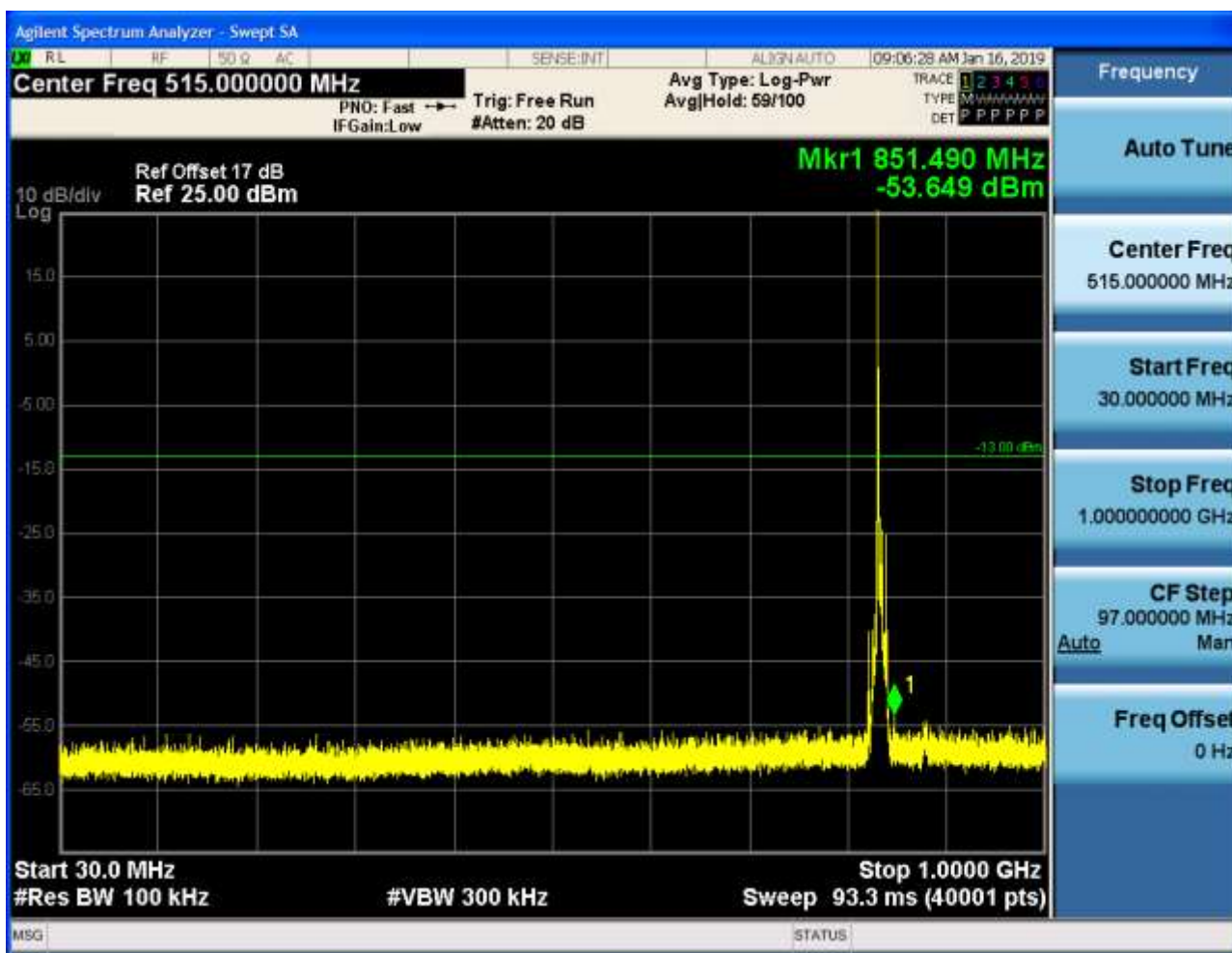


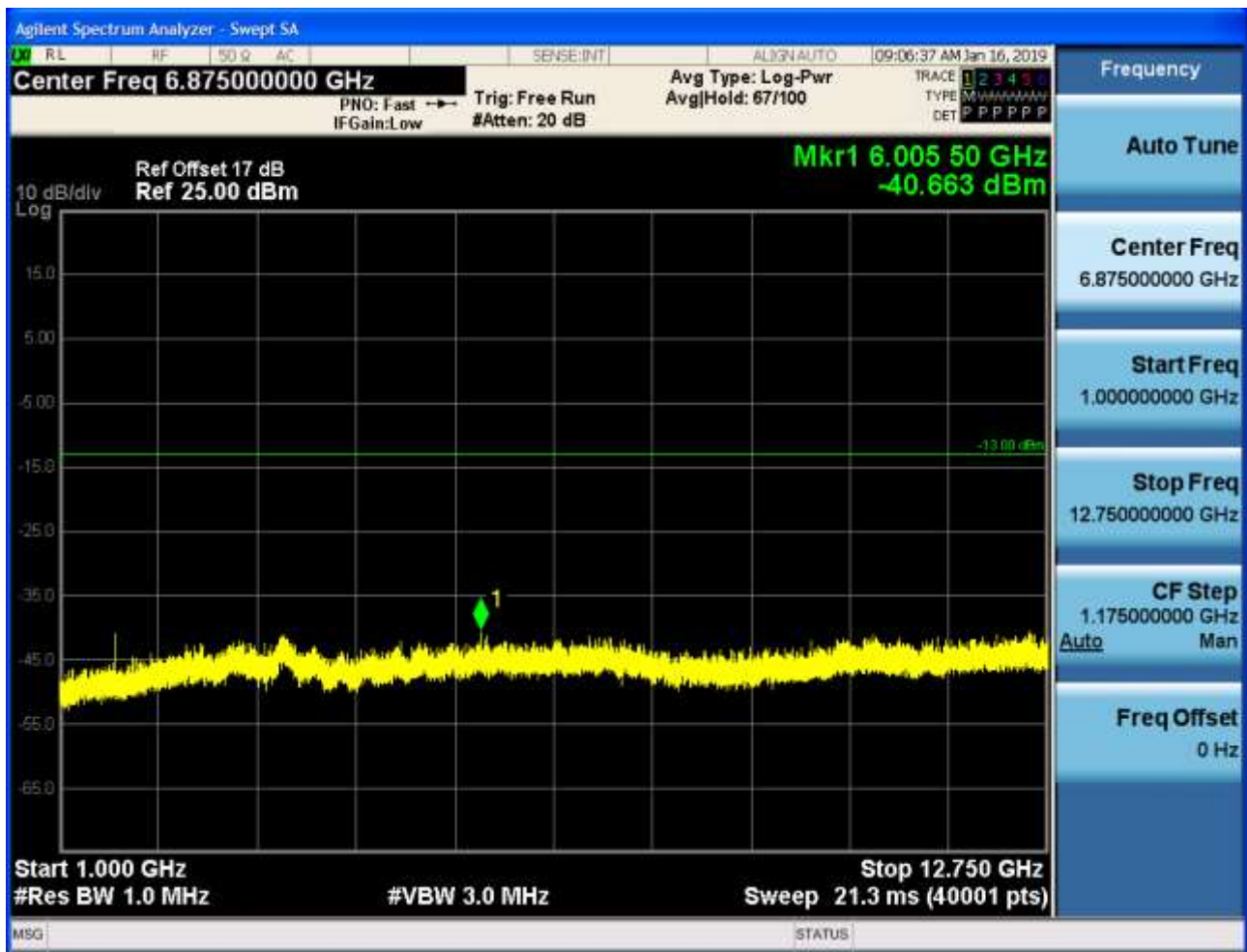
6.2.1.1.3.2 Test Channel = MCH

6.2.1.1.3.2.1 Test RB = RB1#0



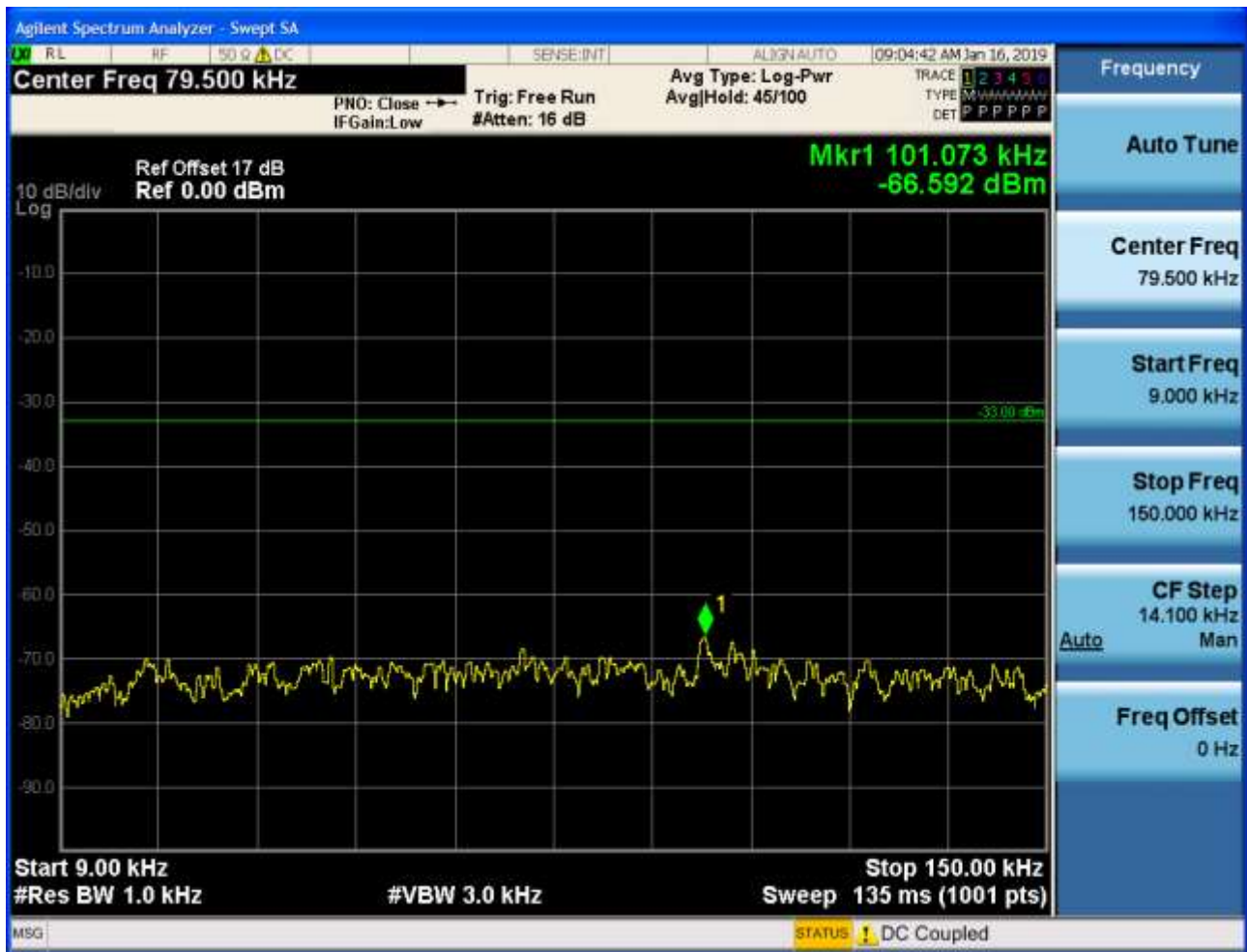


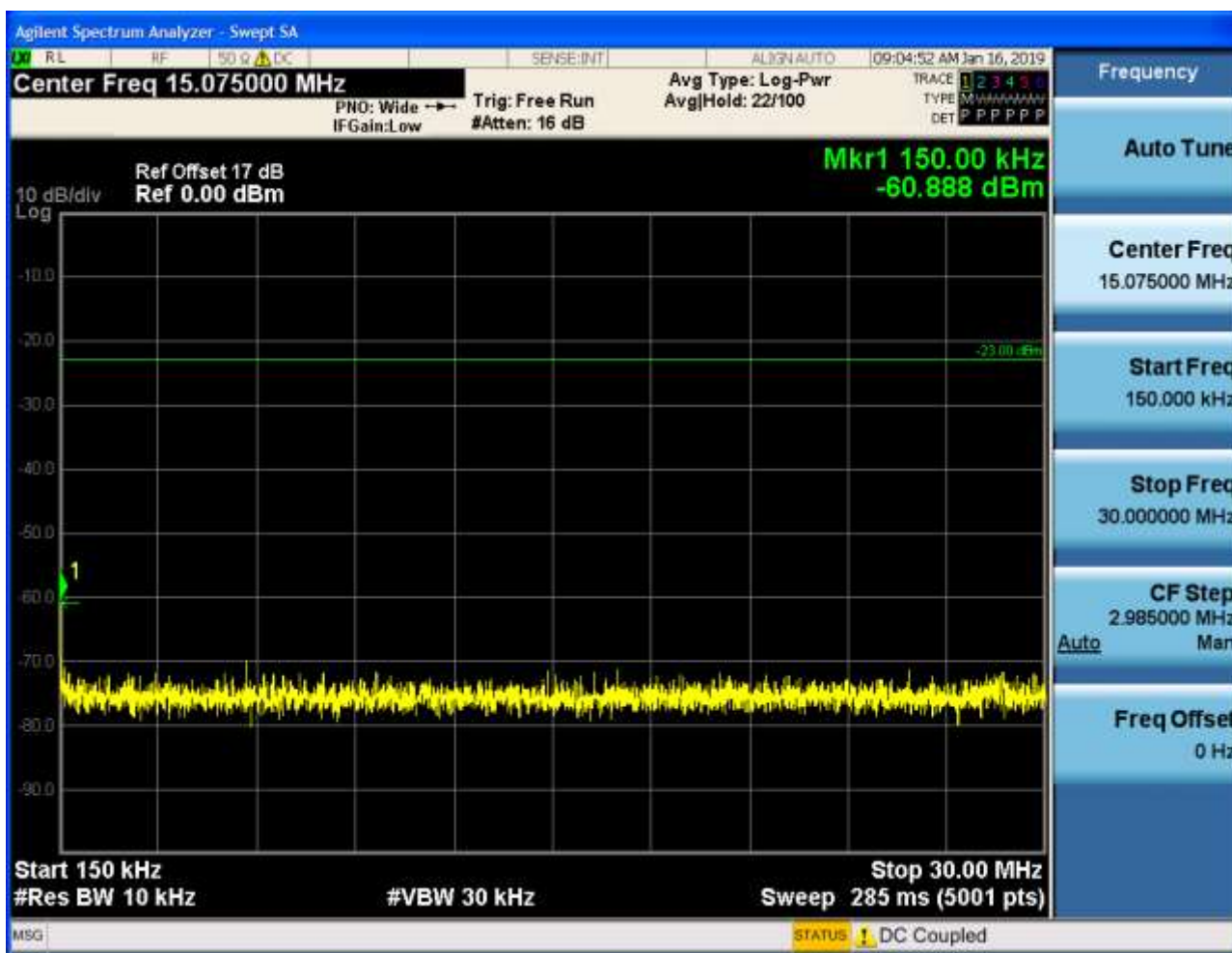


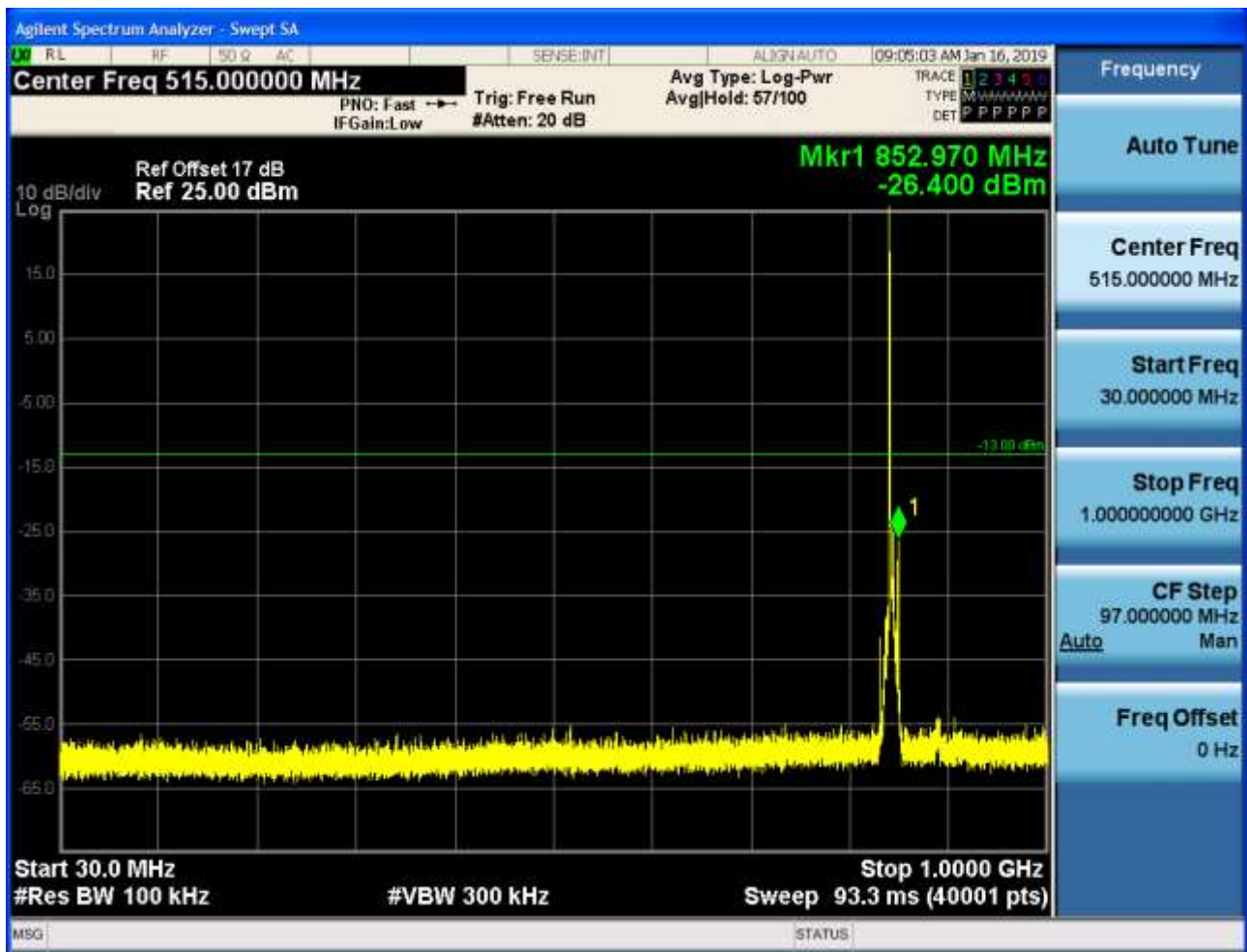


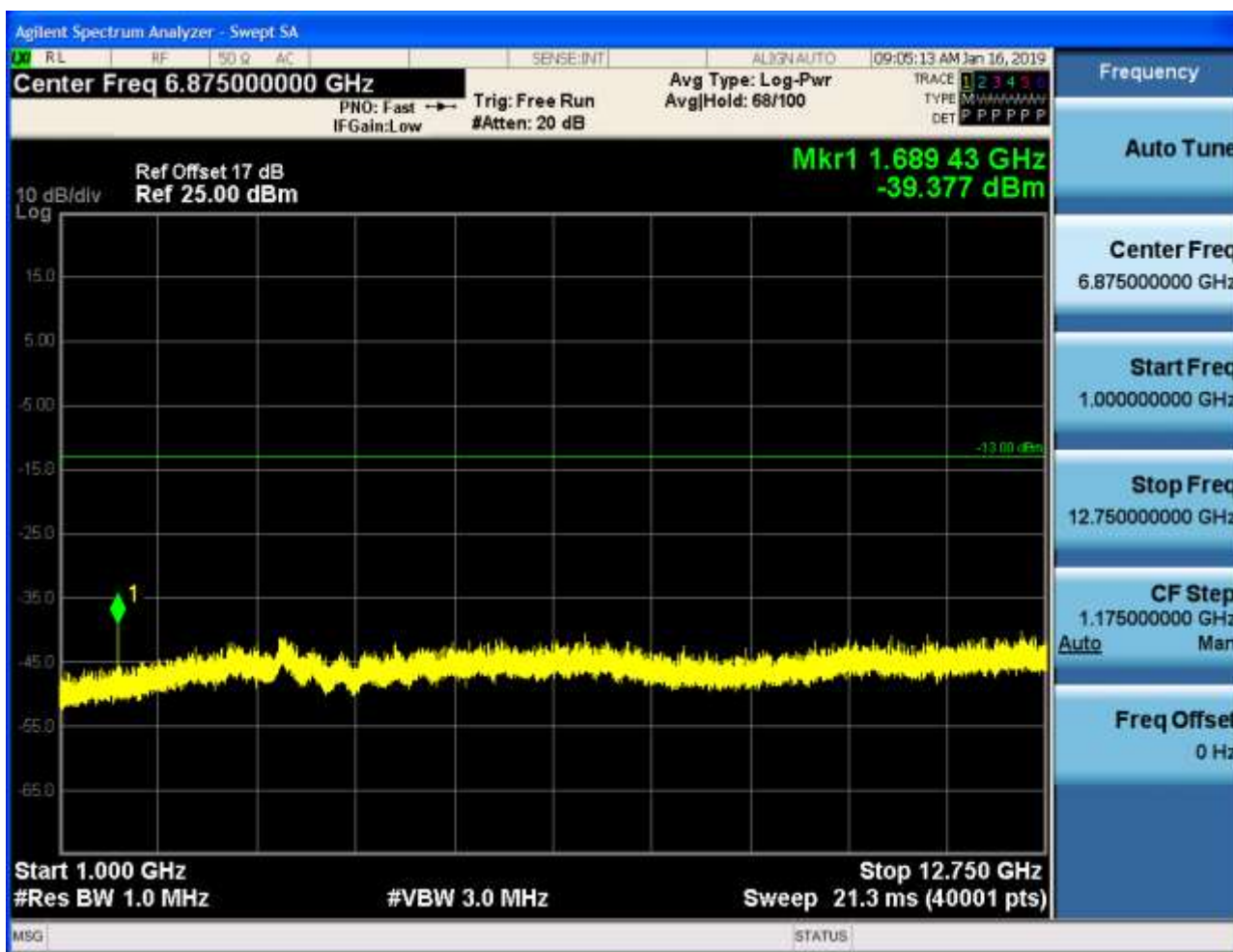
6.2.1.1.3.3 Test Channel = HCH

6.2.1.1.3.3.1 Test RB = RB1#0





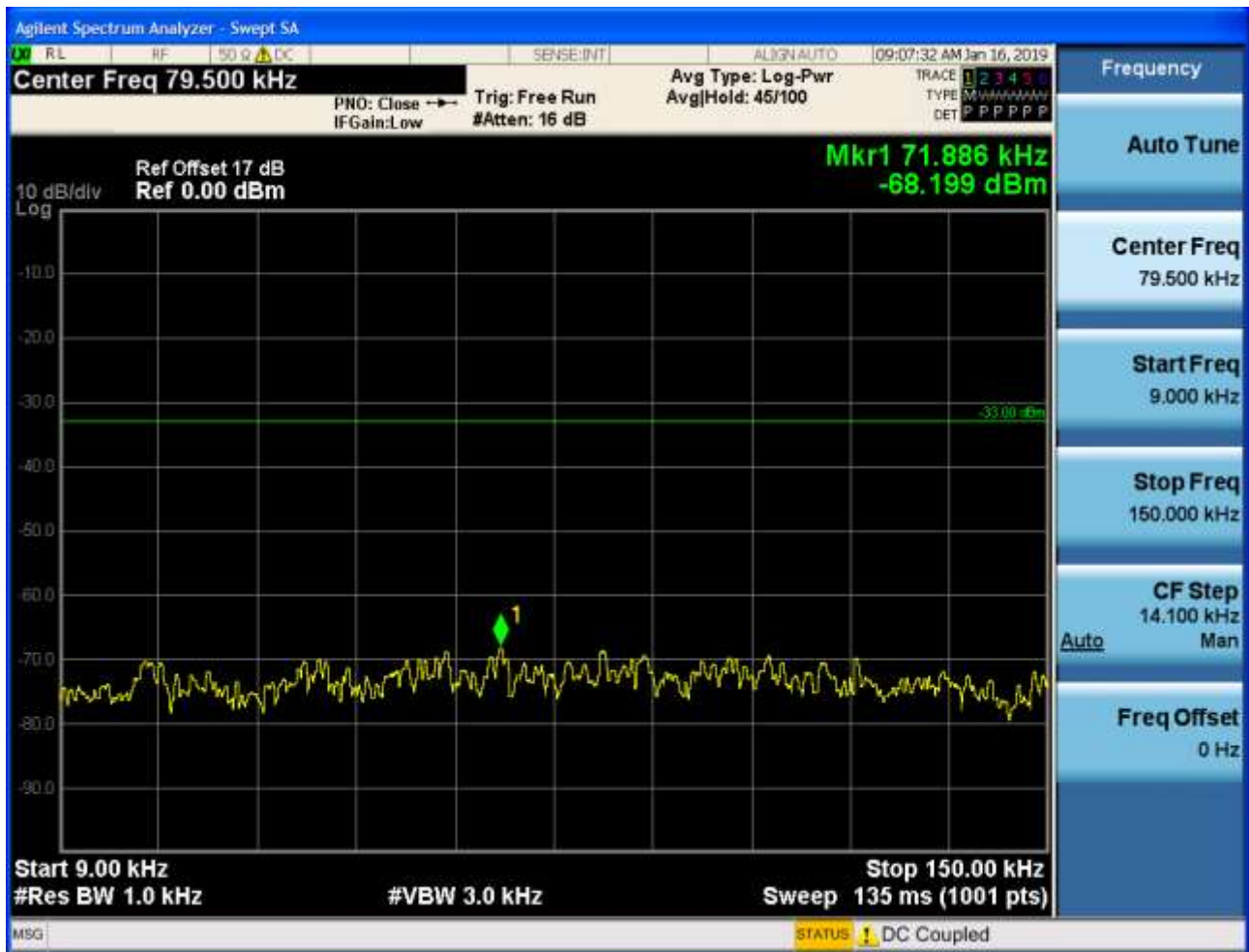




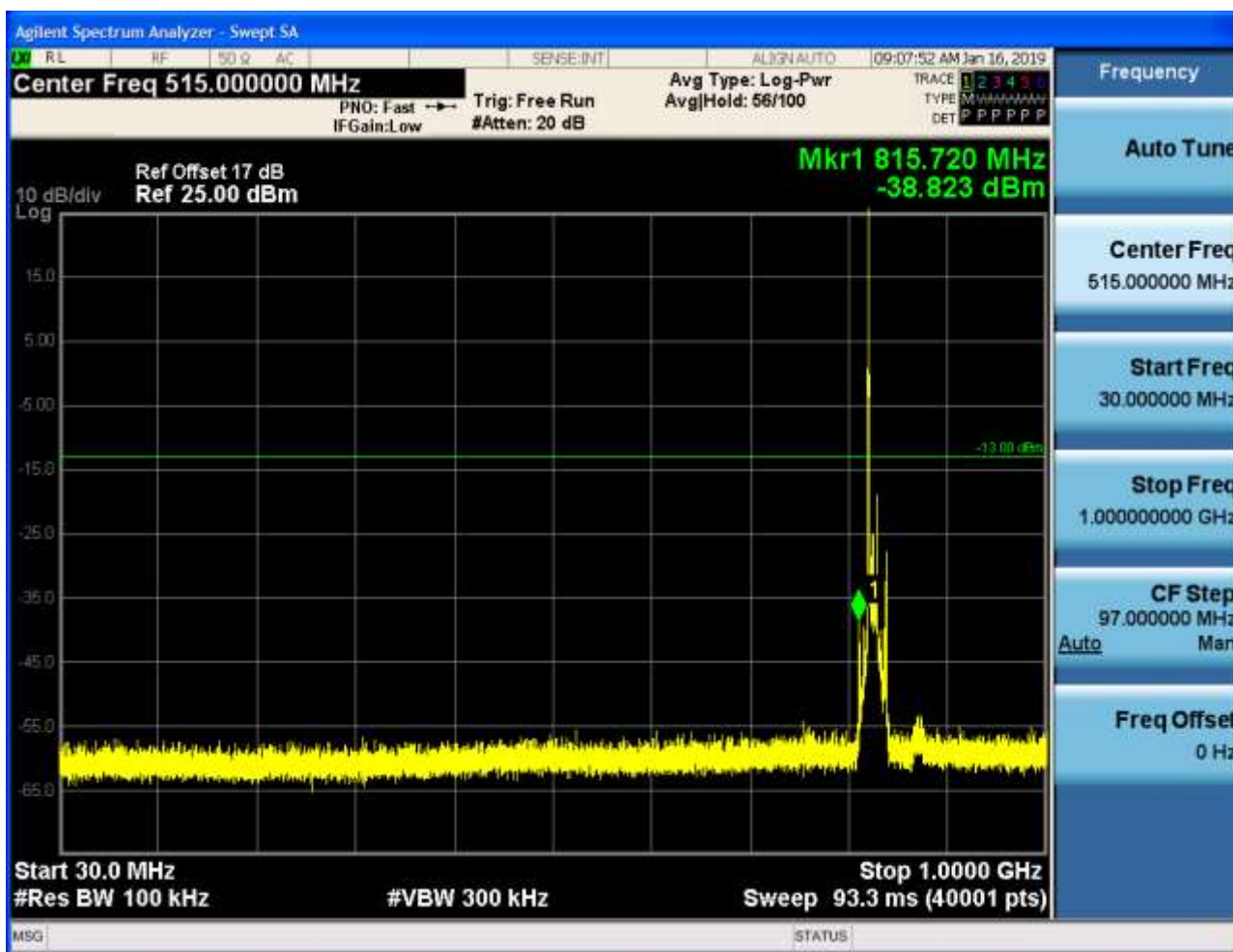
6.2.1.1.4 Test Bandwidth = 10

6.2.1.1.4.1 Test Channel = LCH

6.2.1.1.4.1.1 Test RB = RB1#0



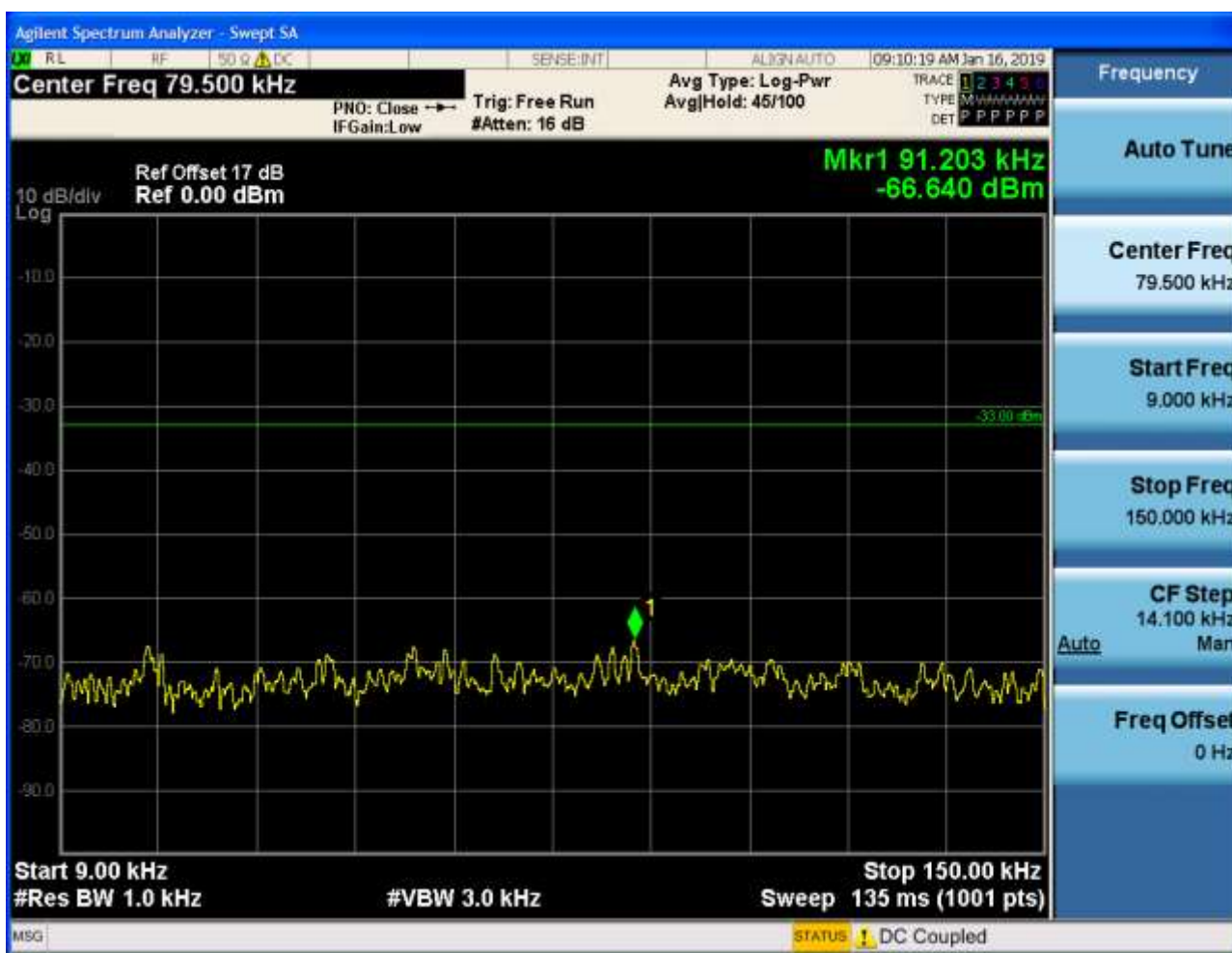




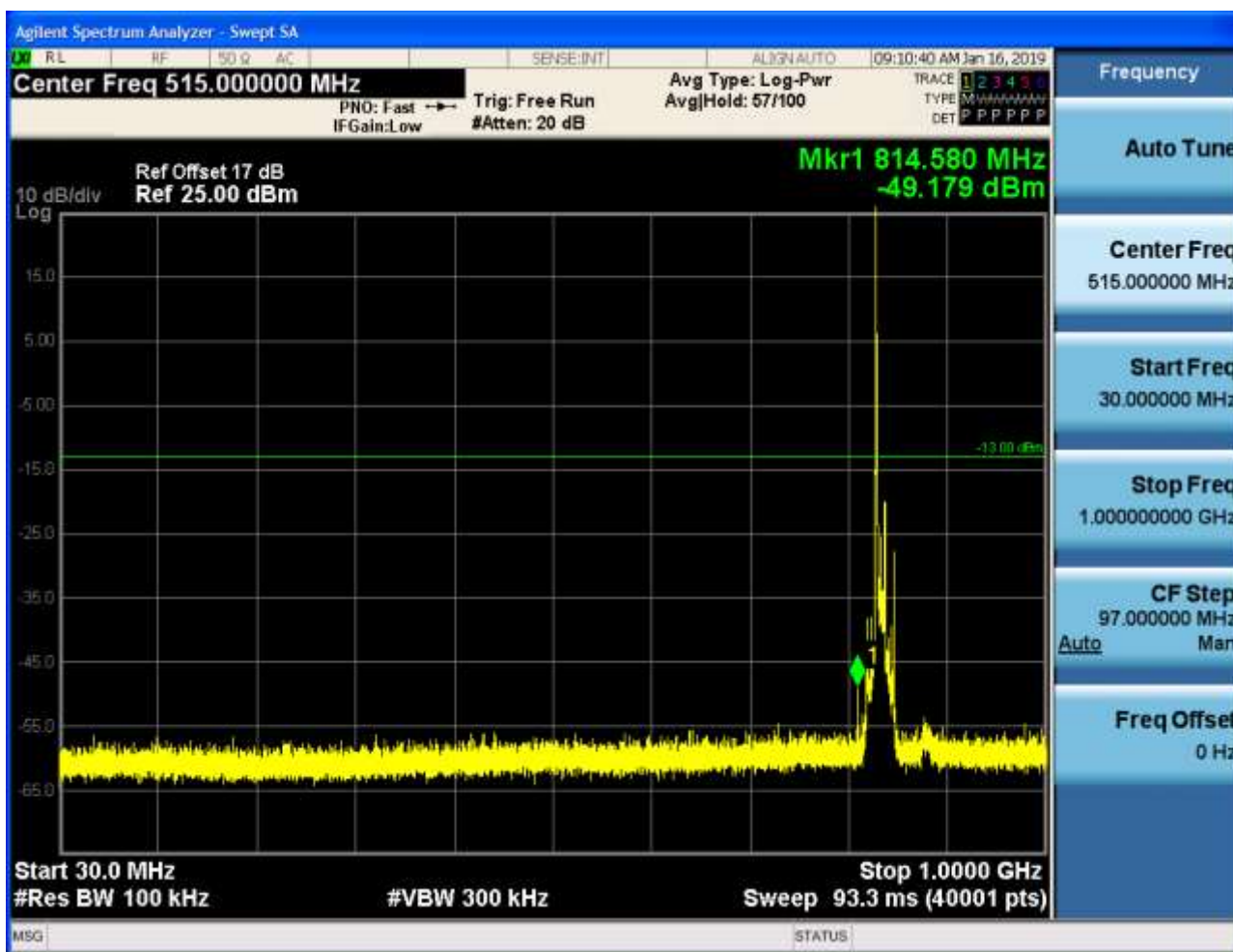


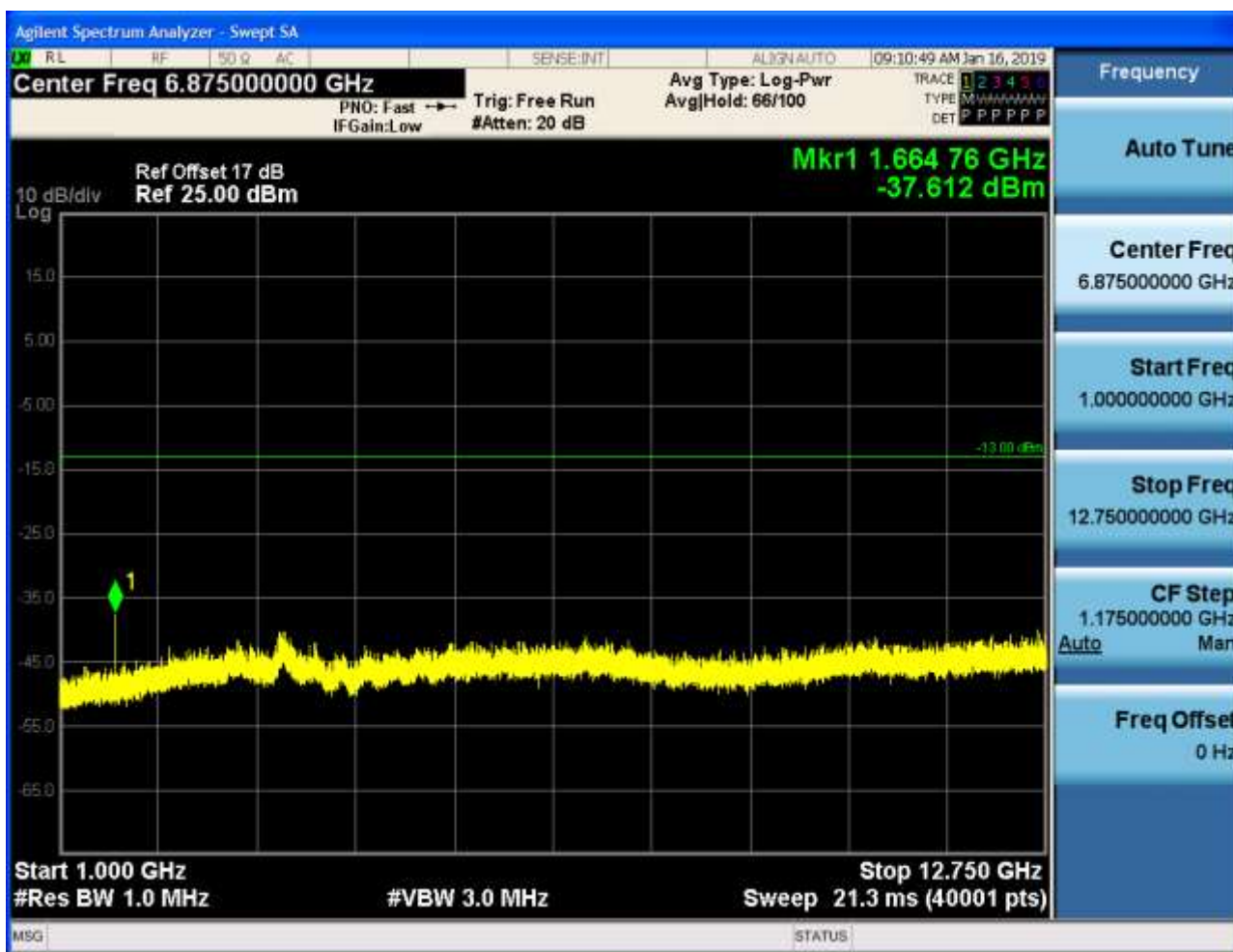
6.2.1.1.4.2 Test Channel = MCH

6.2.1.1.4.2.1 Test RB = RB1#0





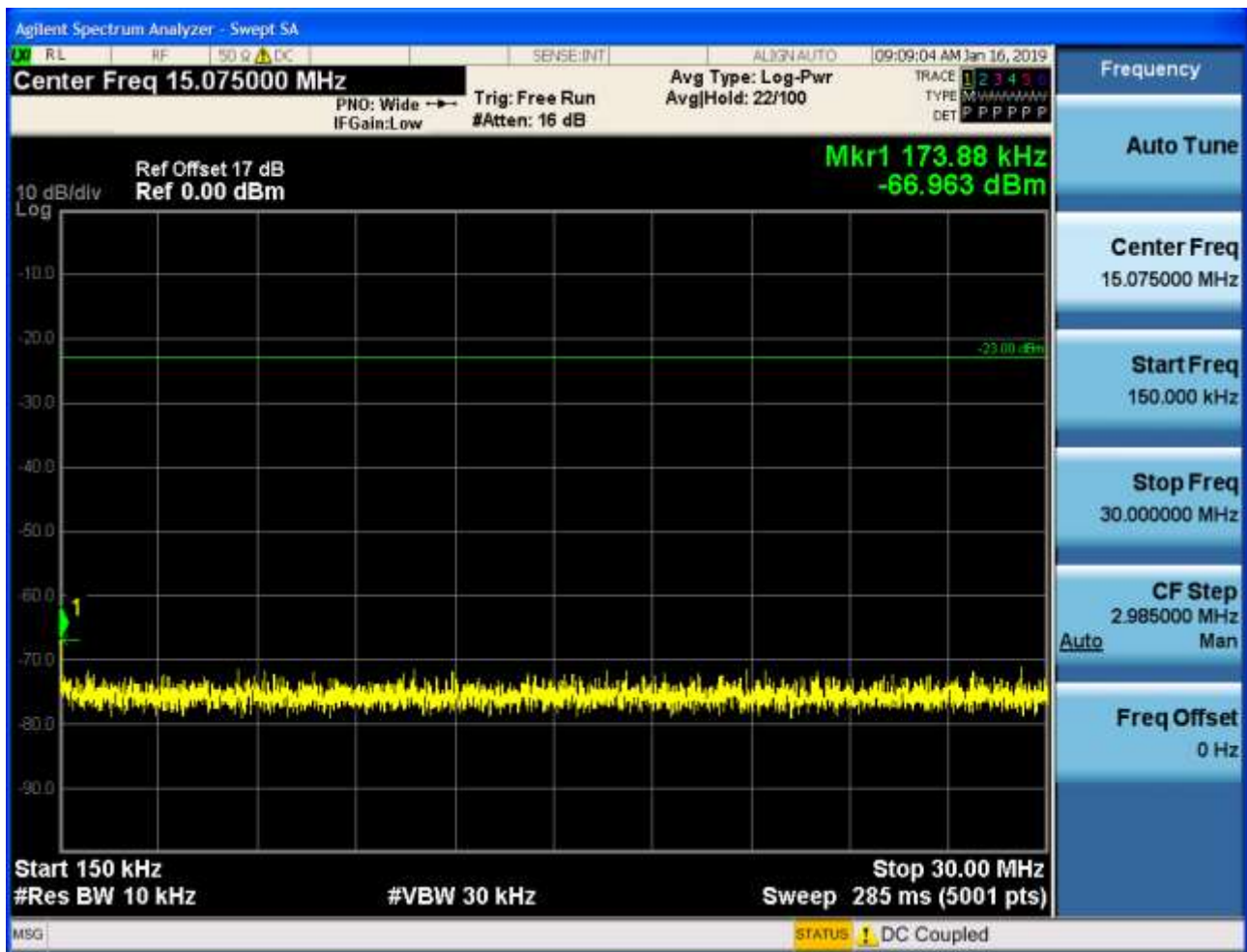


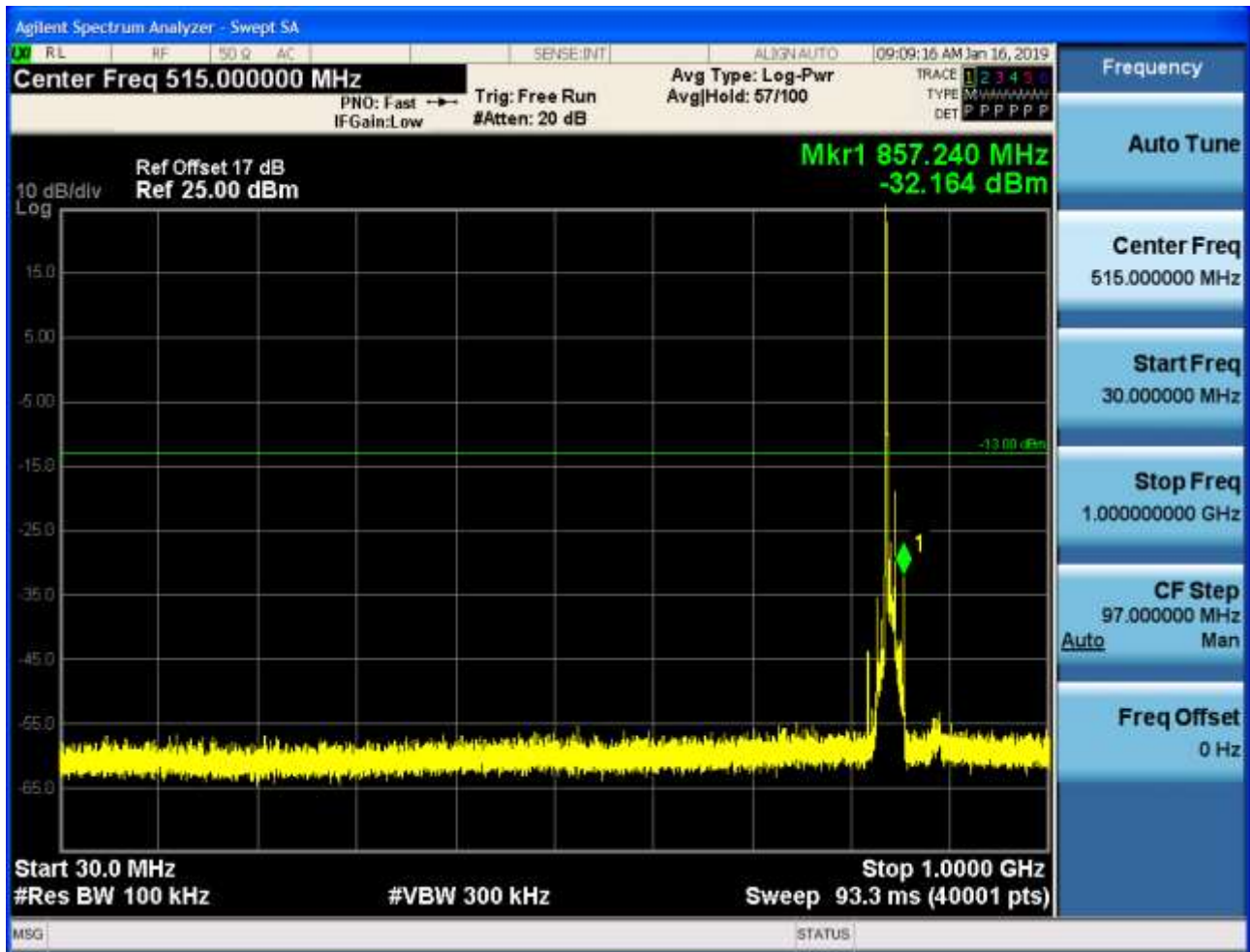


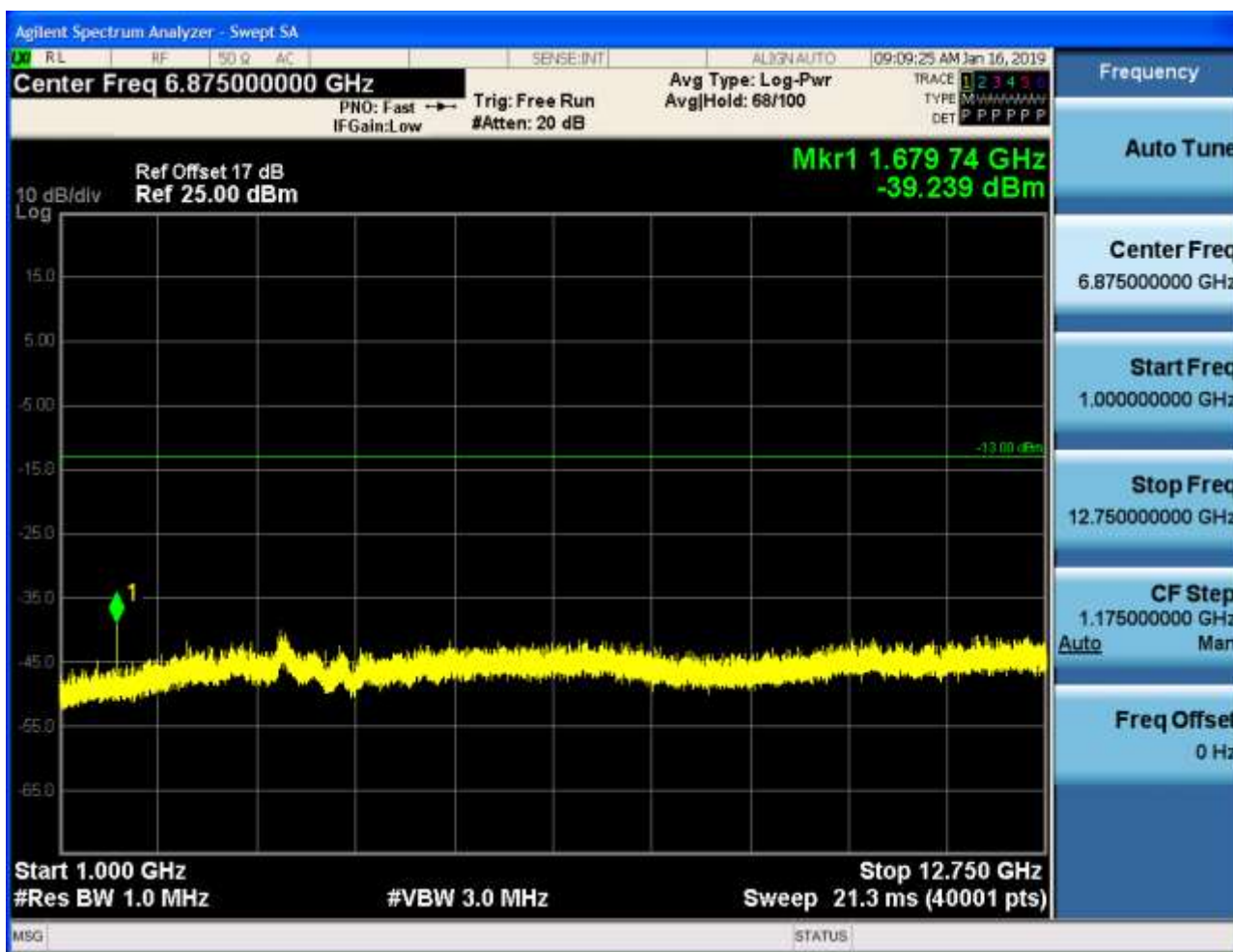
6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0







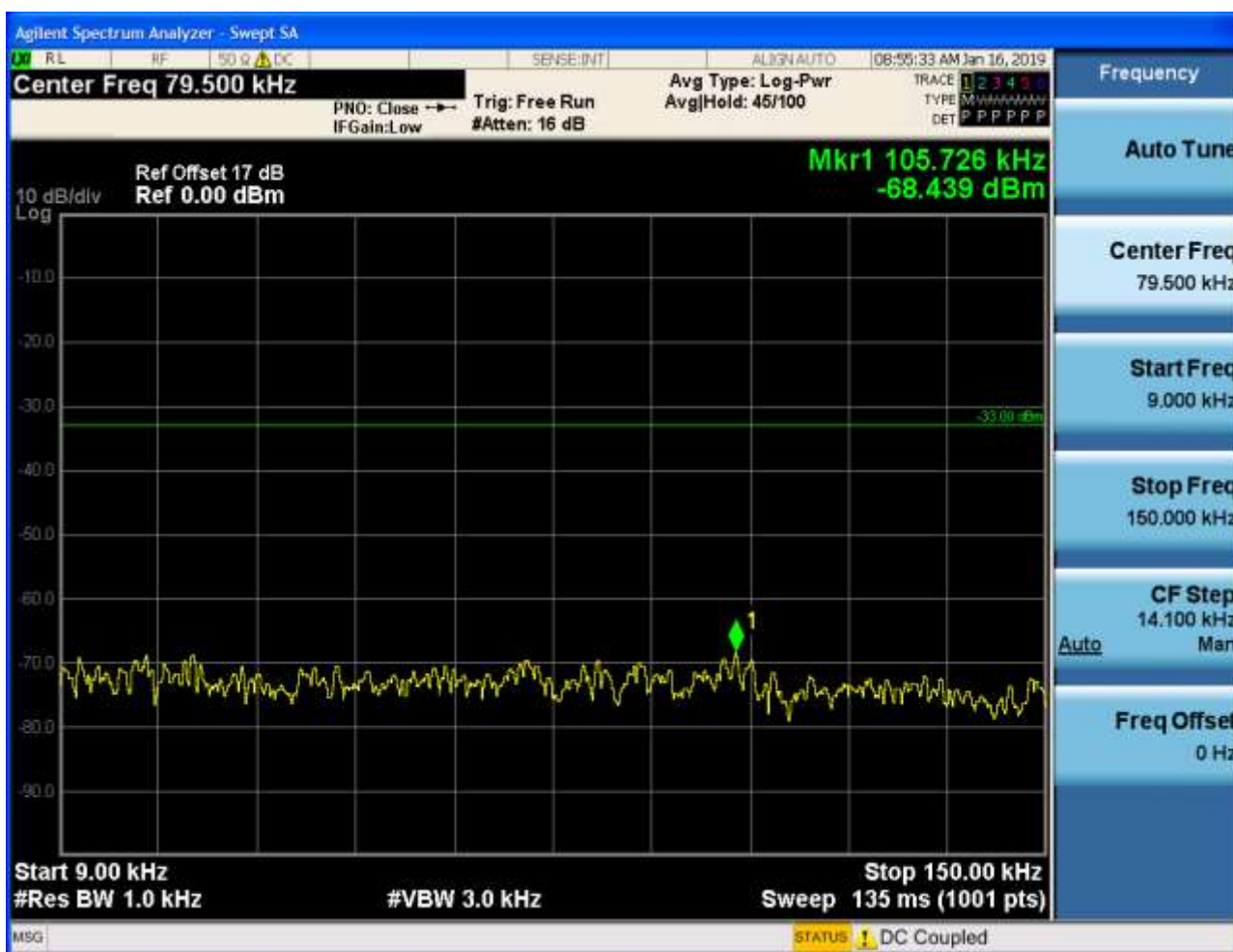


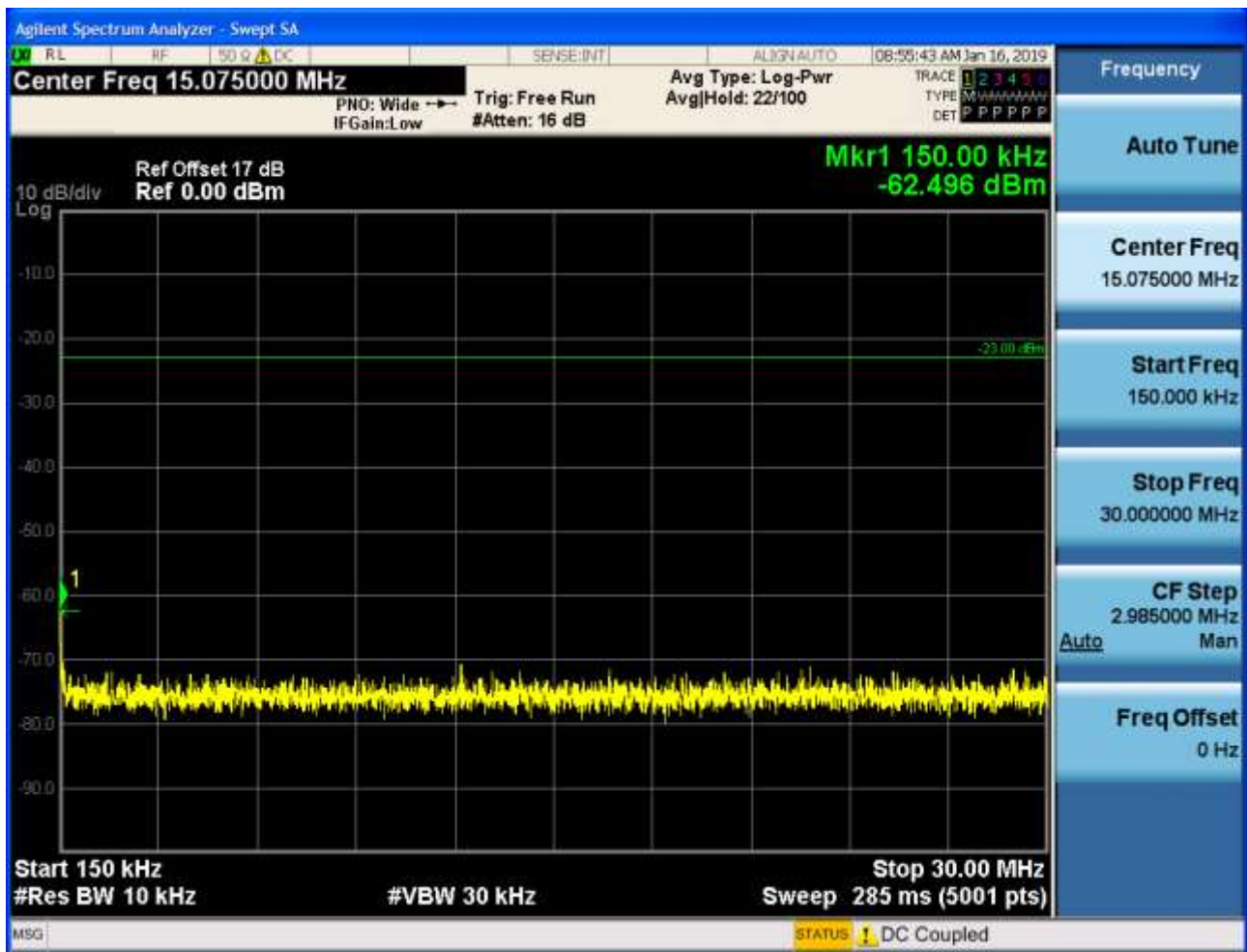
6.2.1.2 Test Mode = LTE/TM2

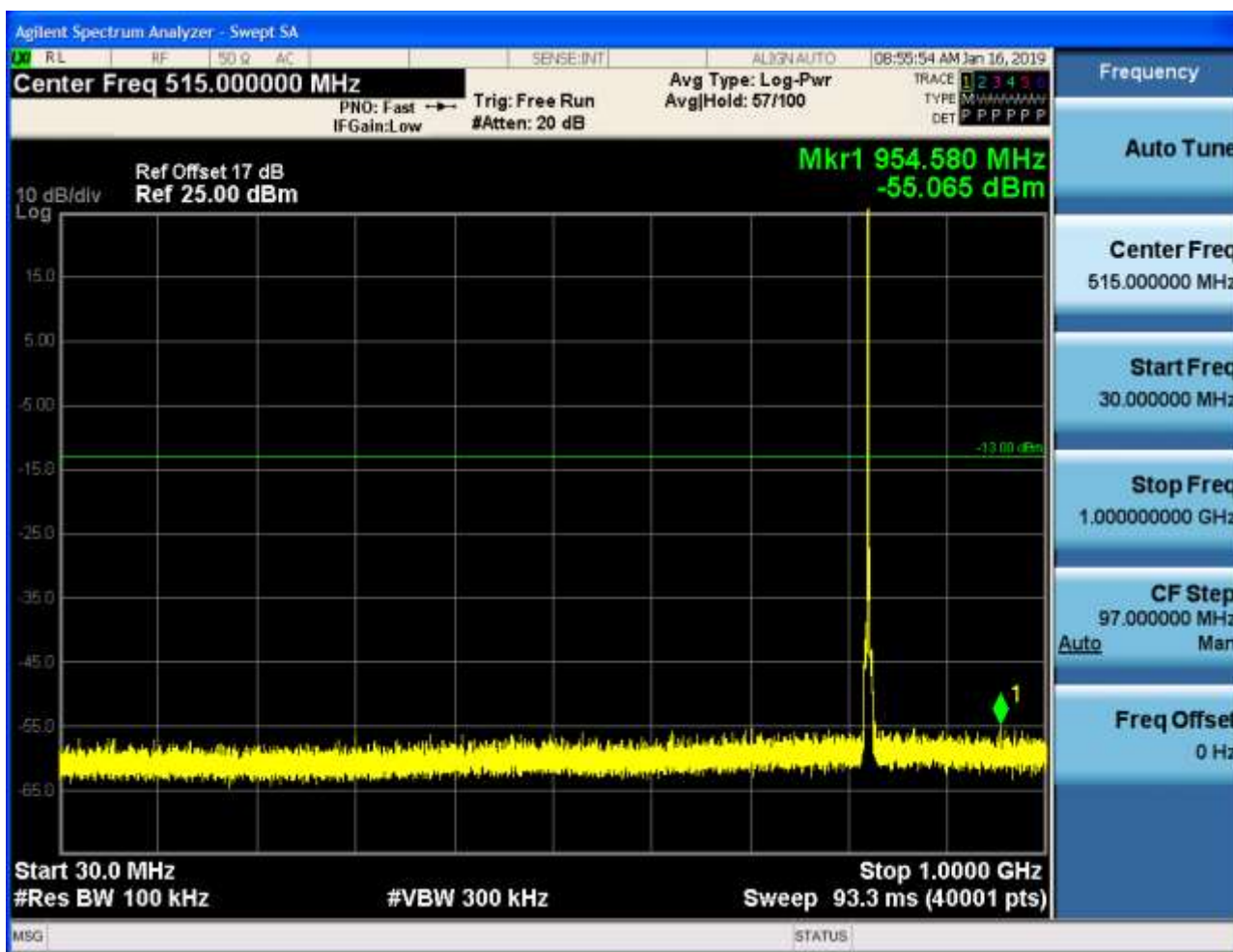
6.2.1.2.1 Test Bandwidth = 1.4

6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 Test RB = RB1#0



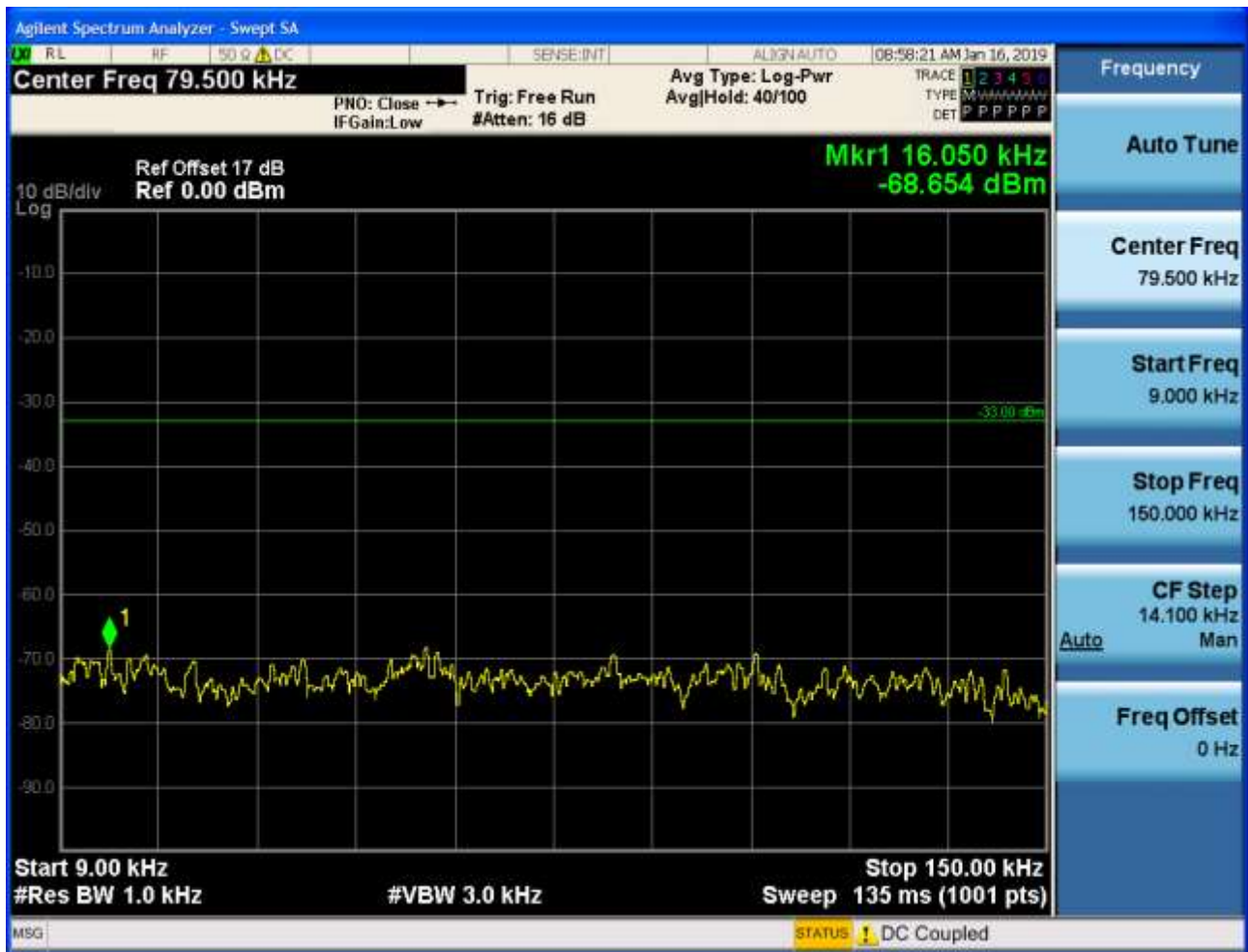




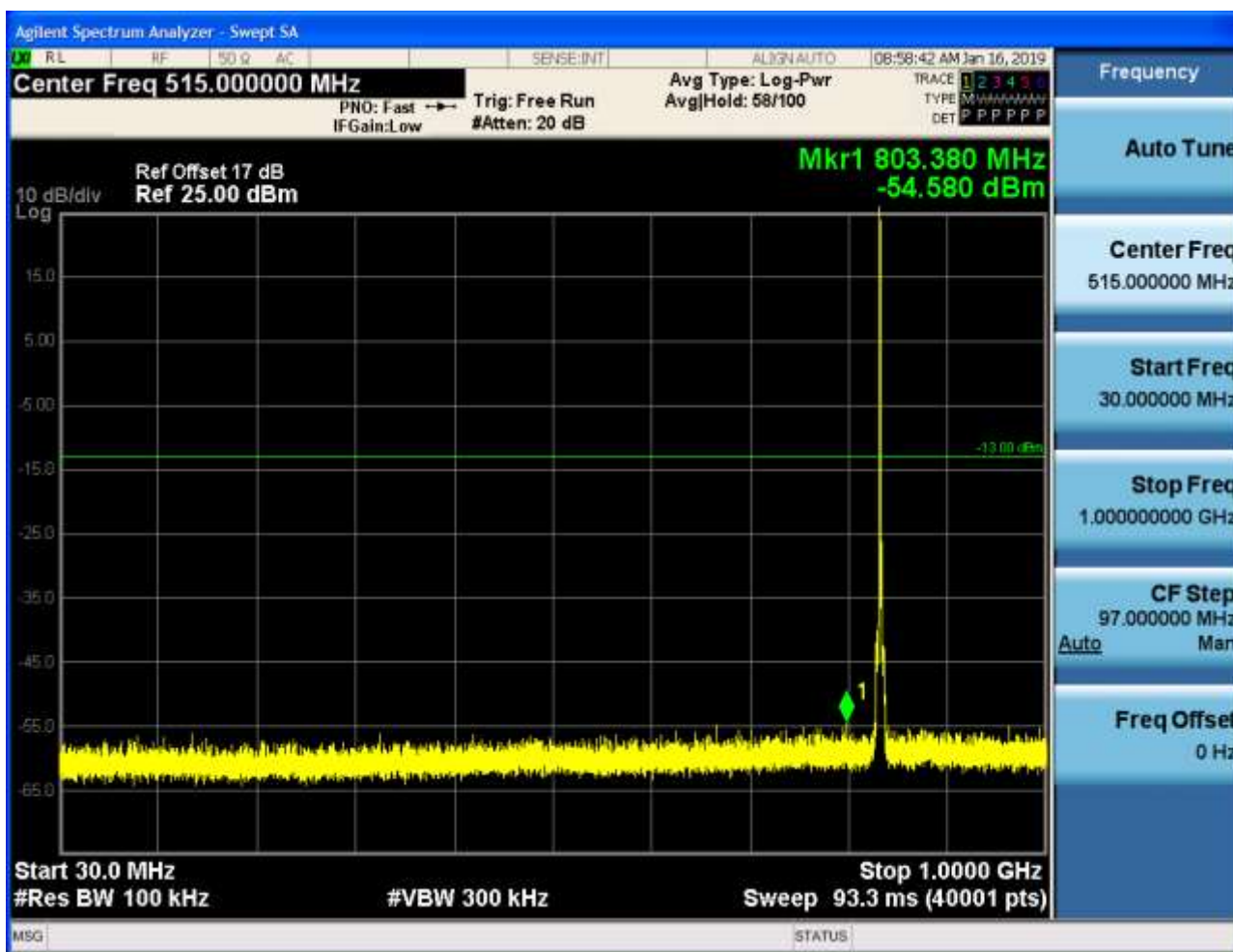


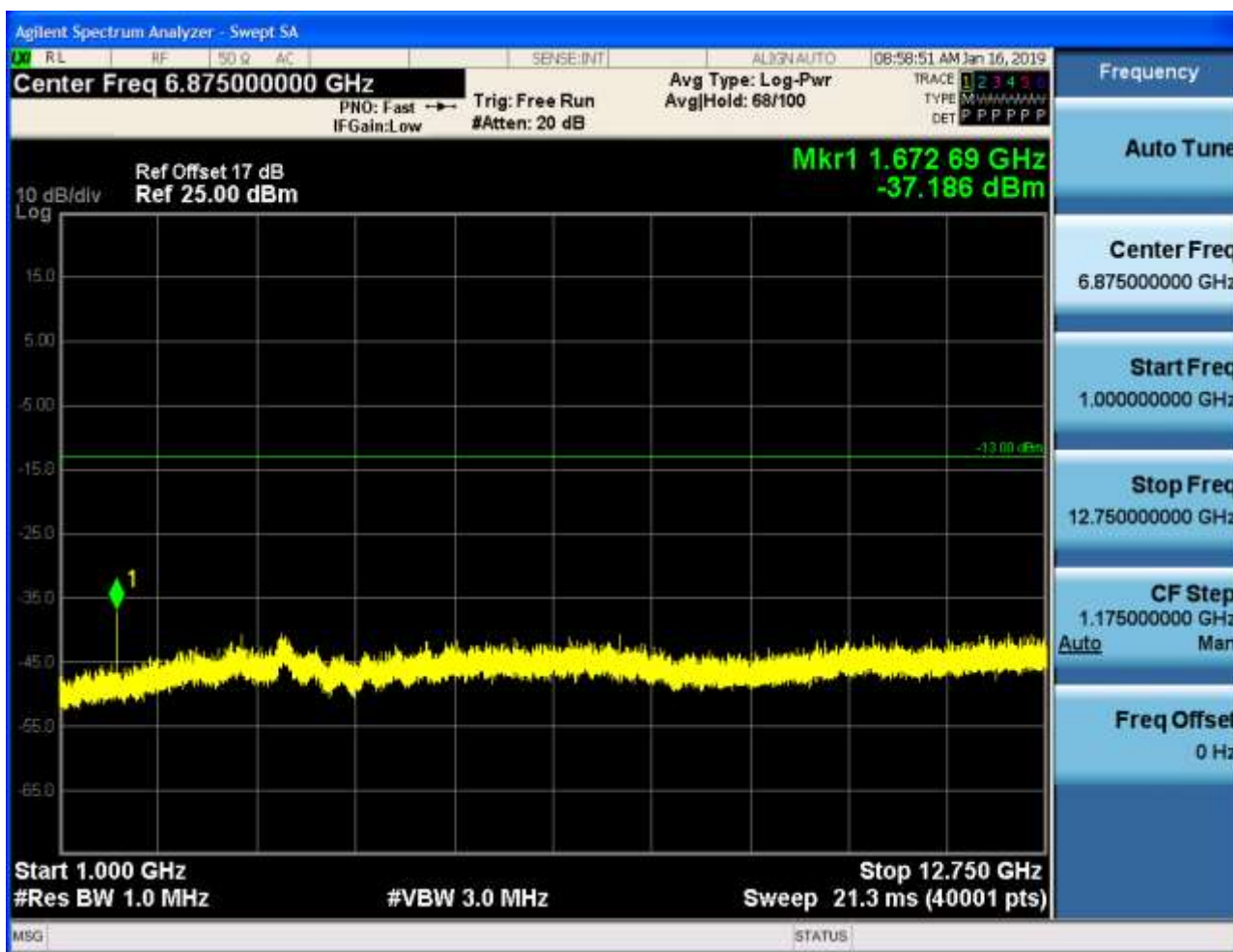
6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0





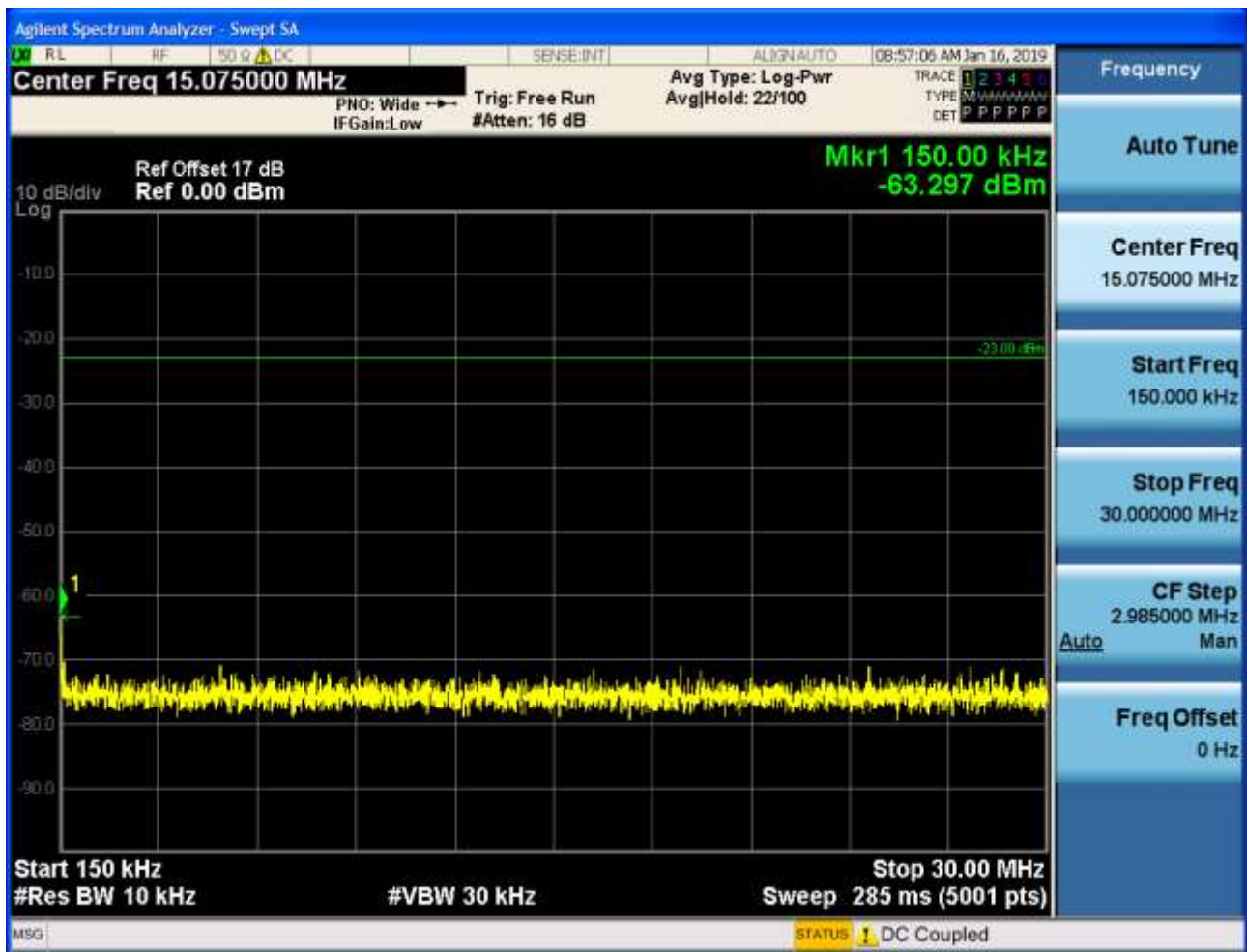


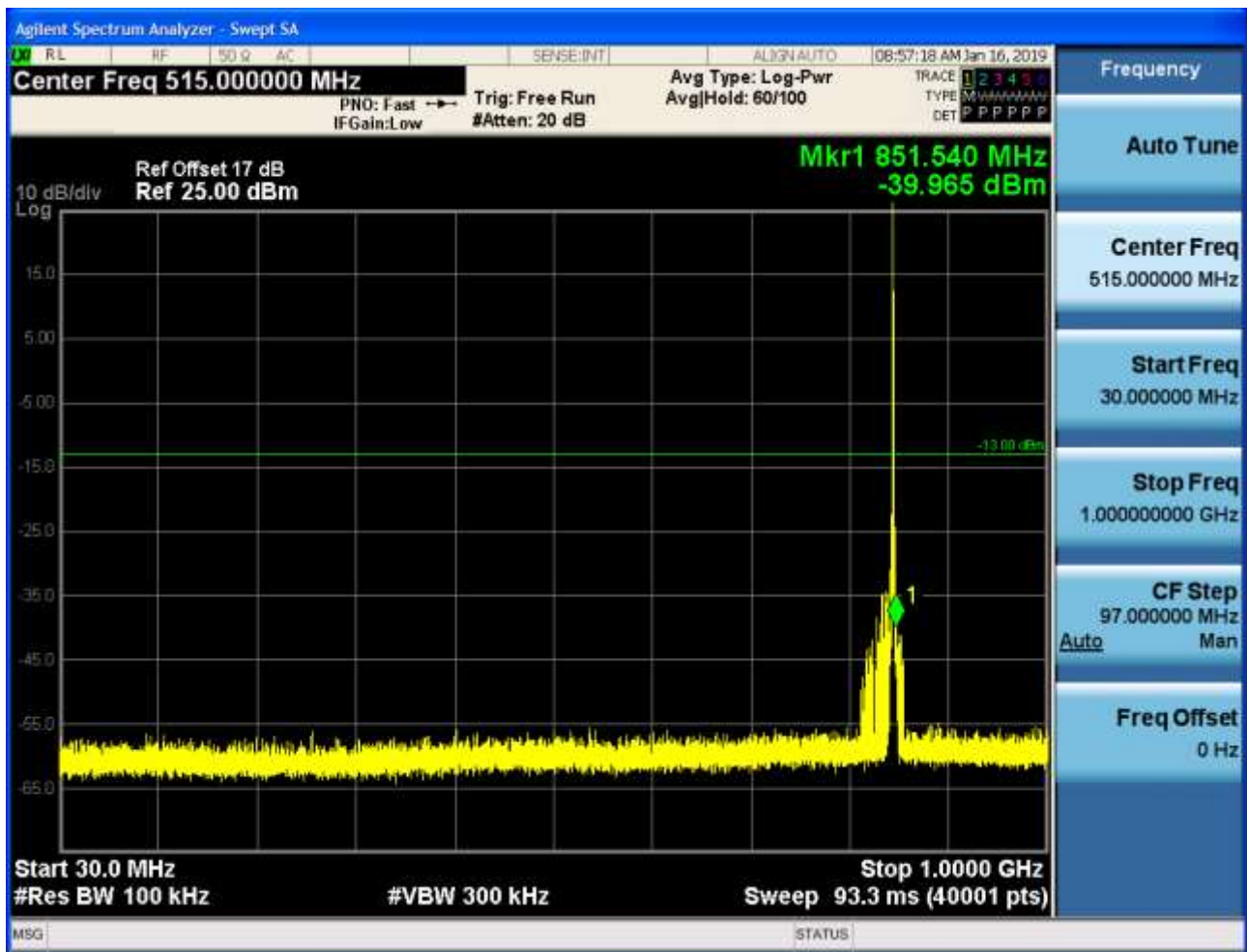


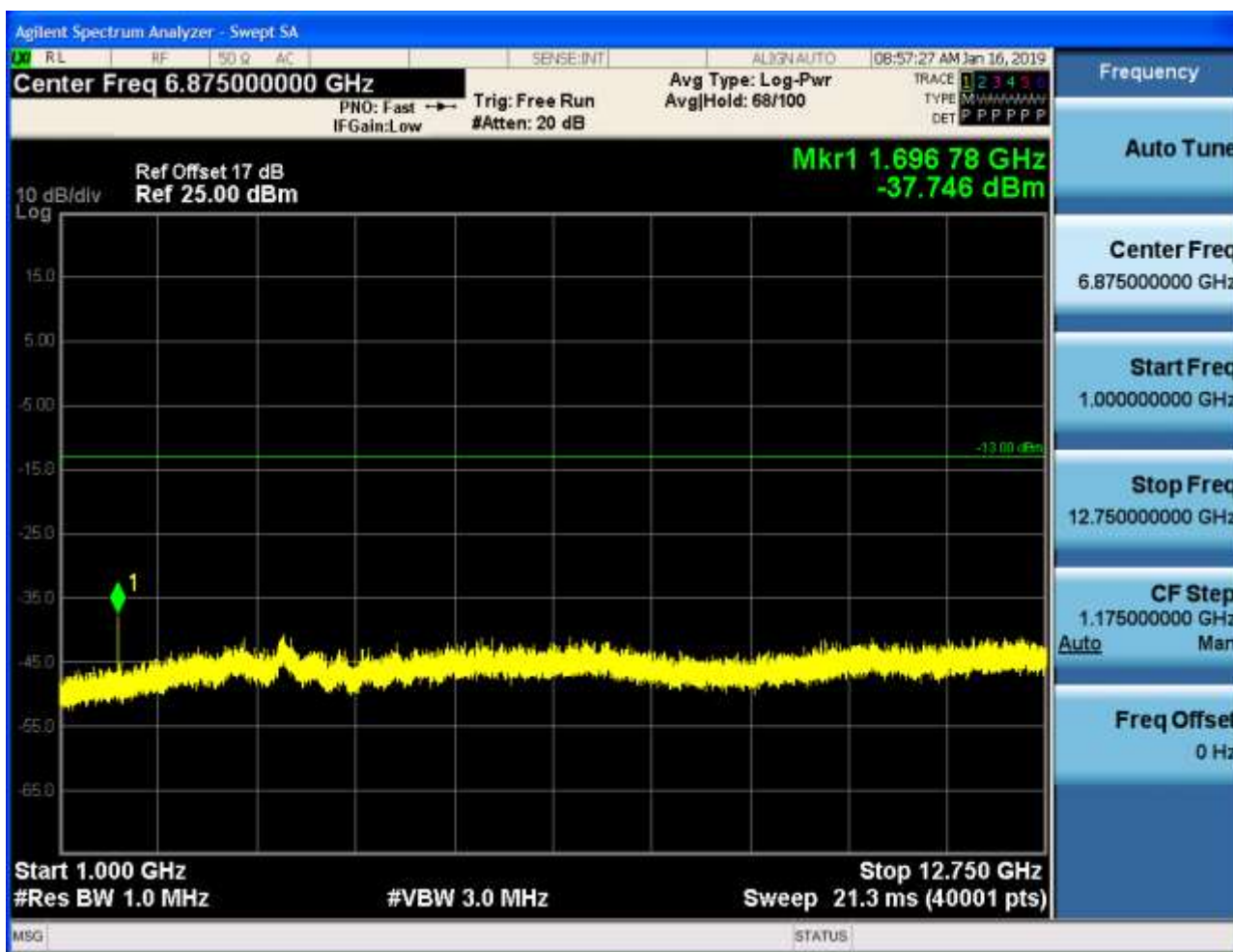
6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0







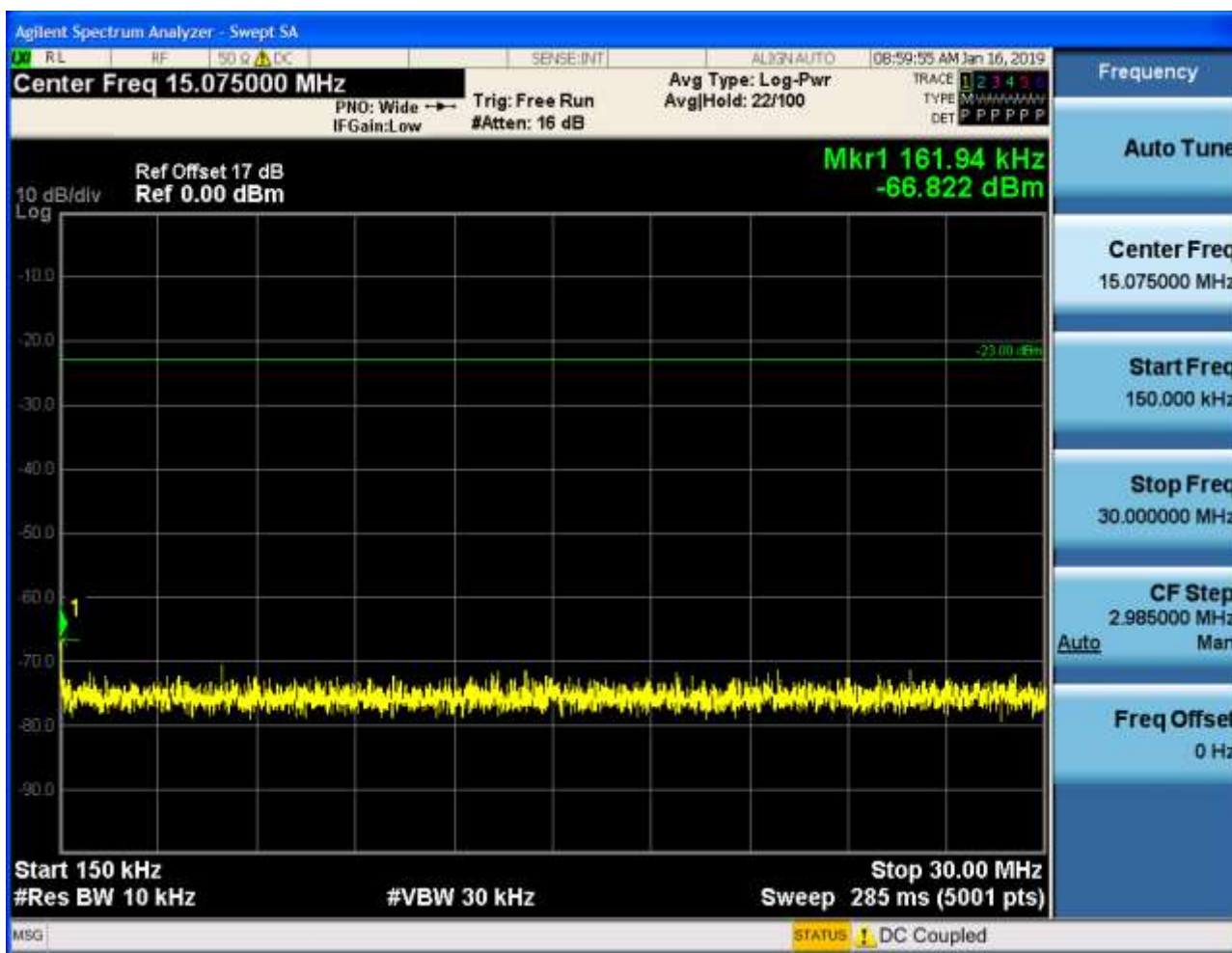


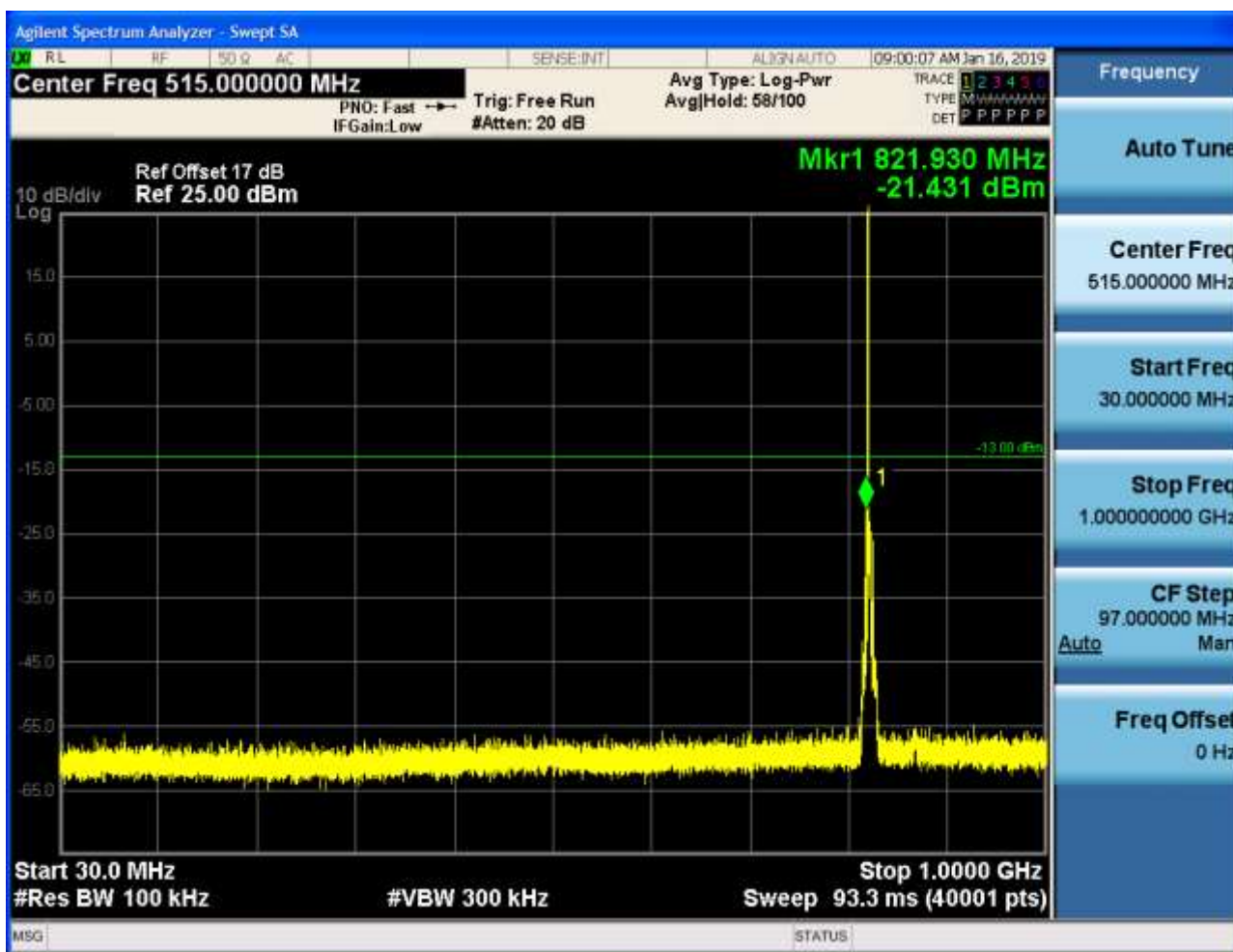
6.2.1.2.2 Test Bandwidth = 3

6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0





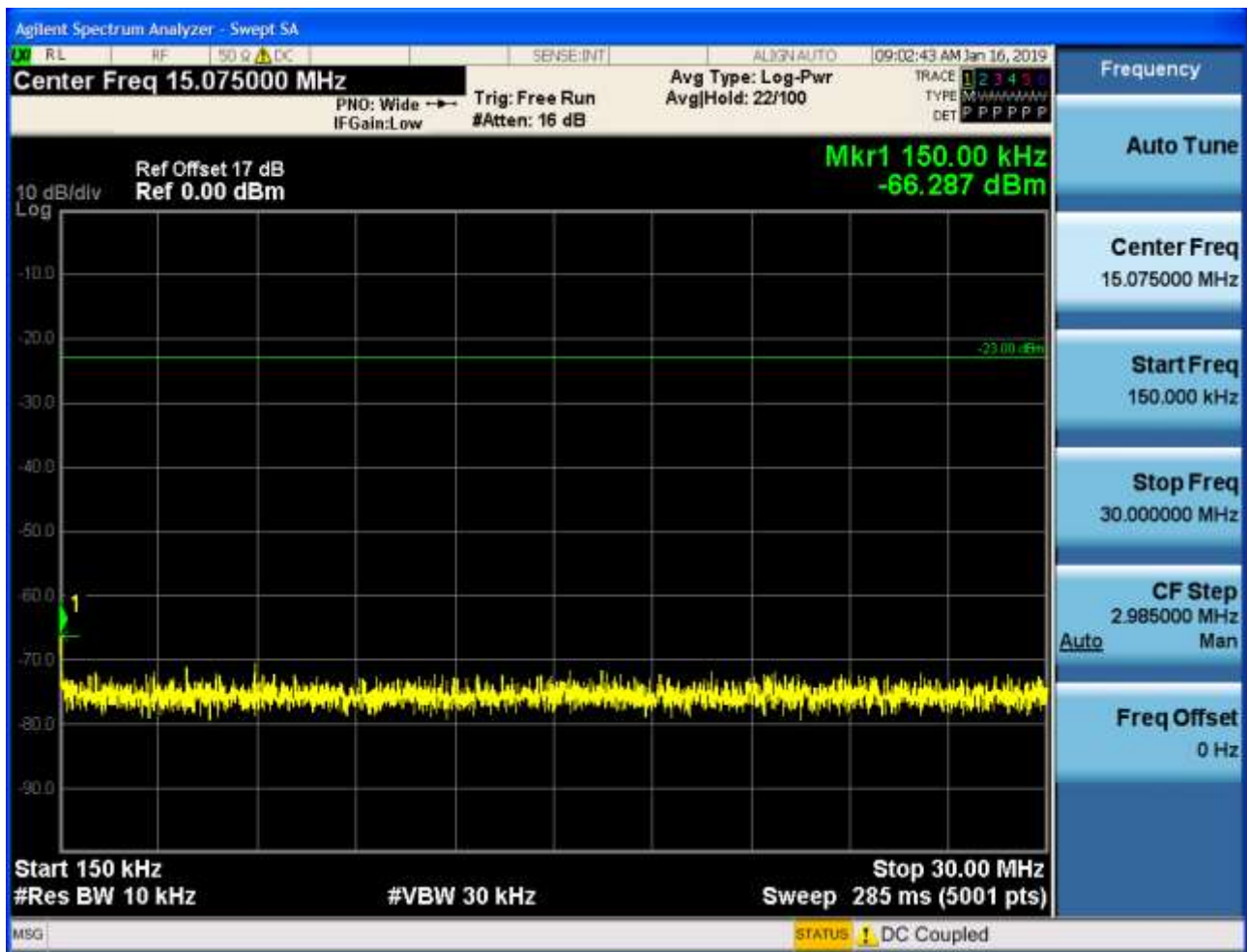


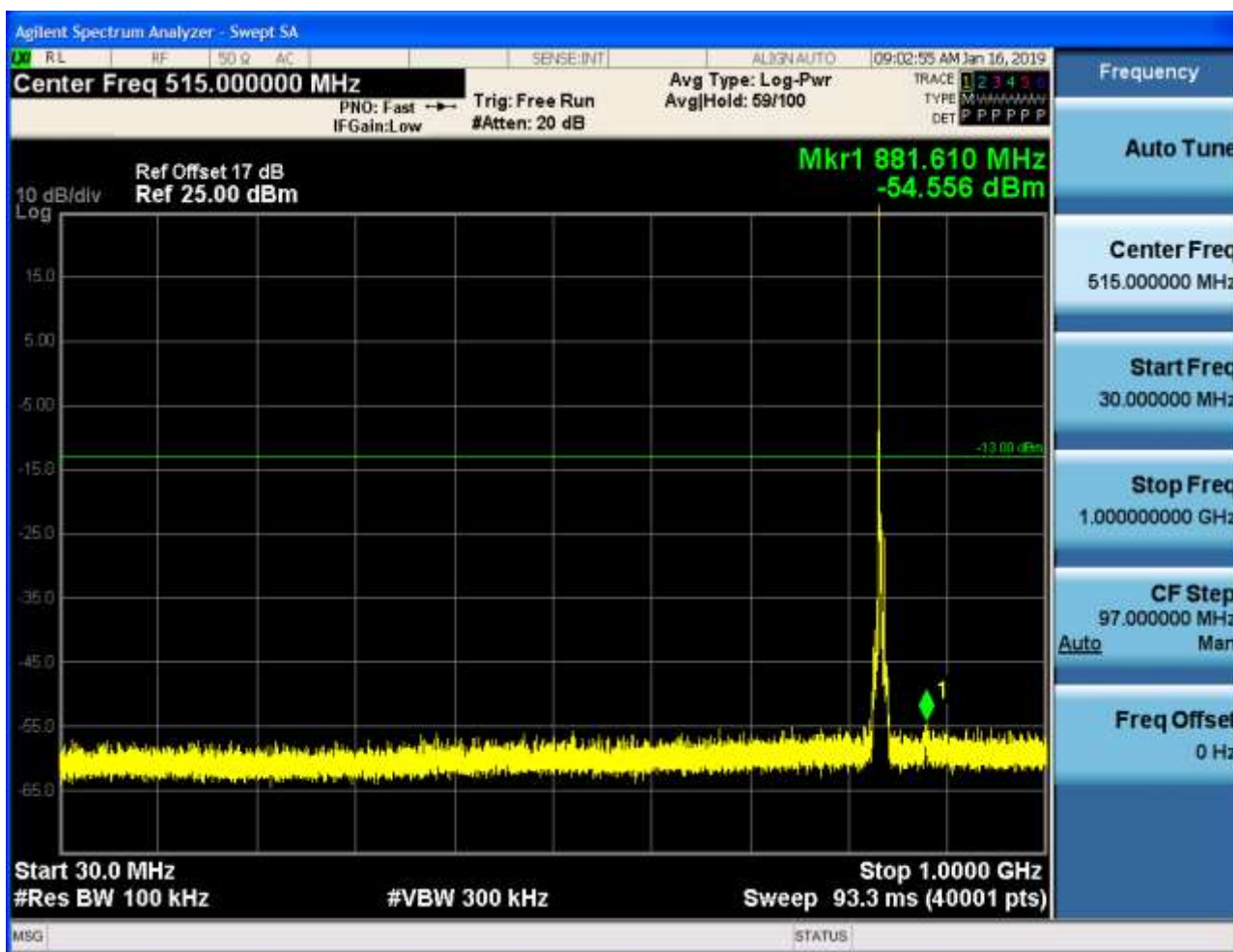


6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.2.1 Test RB = RB1#0



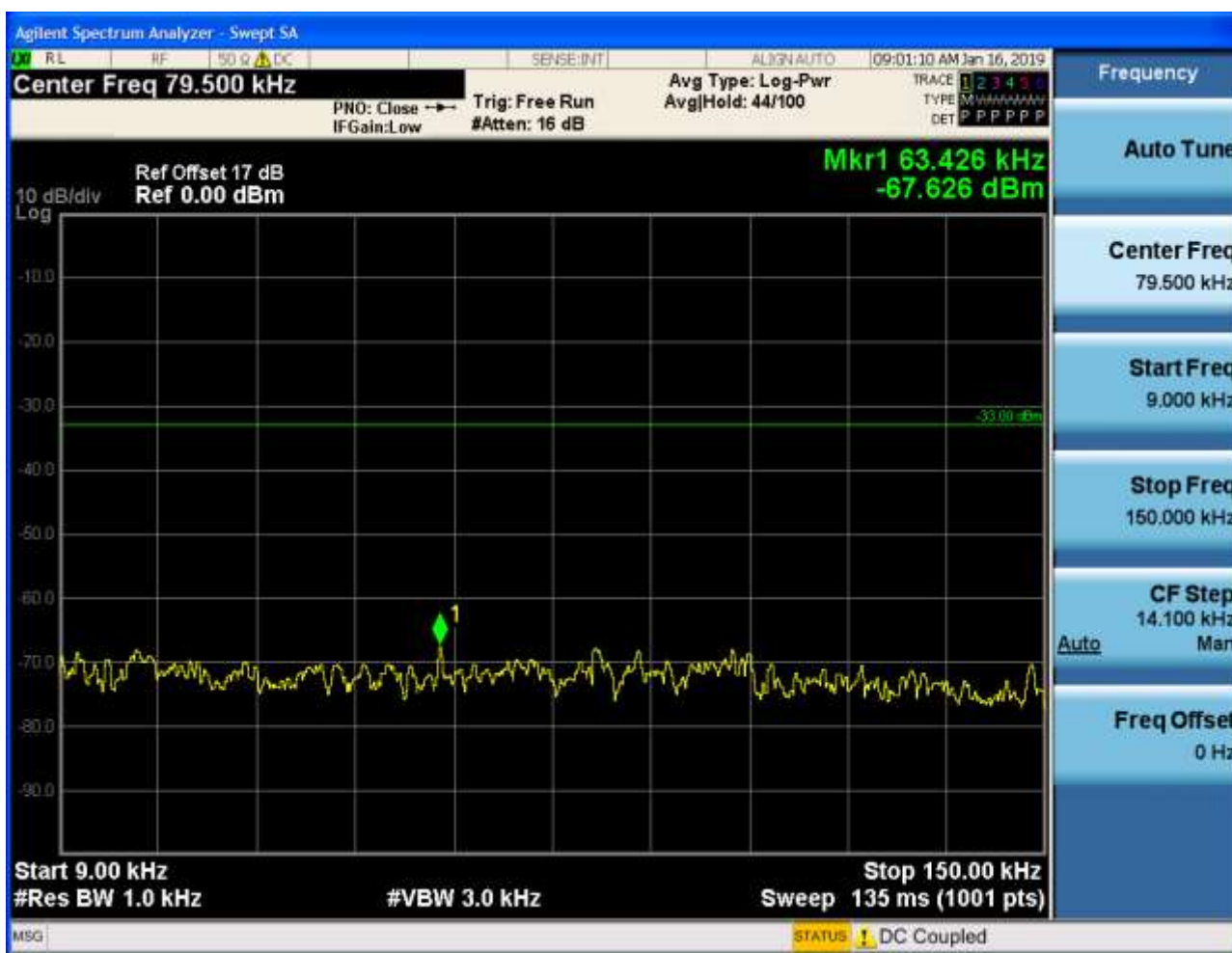




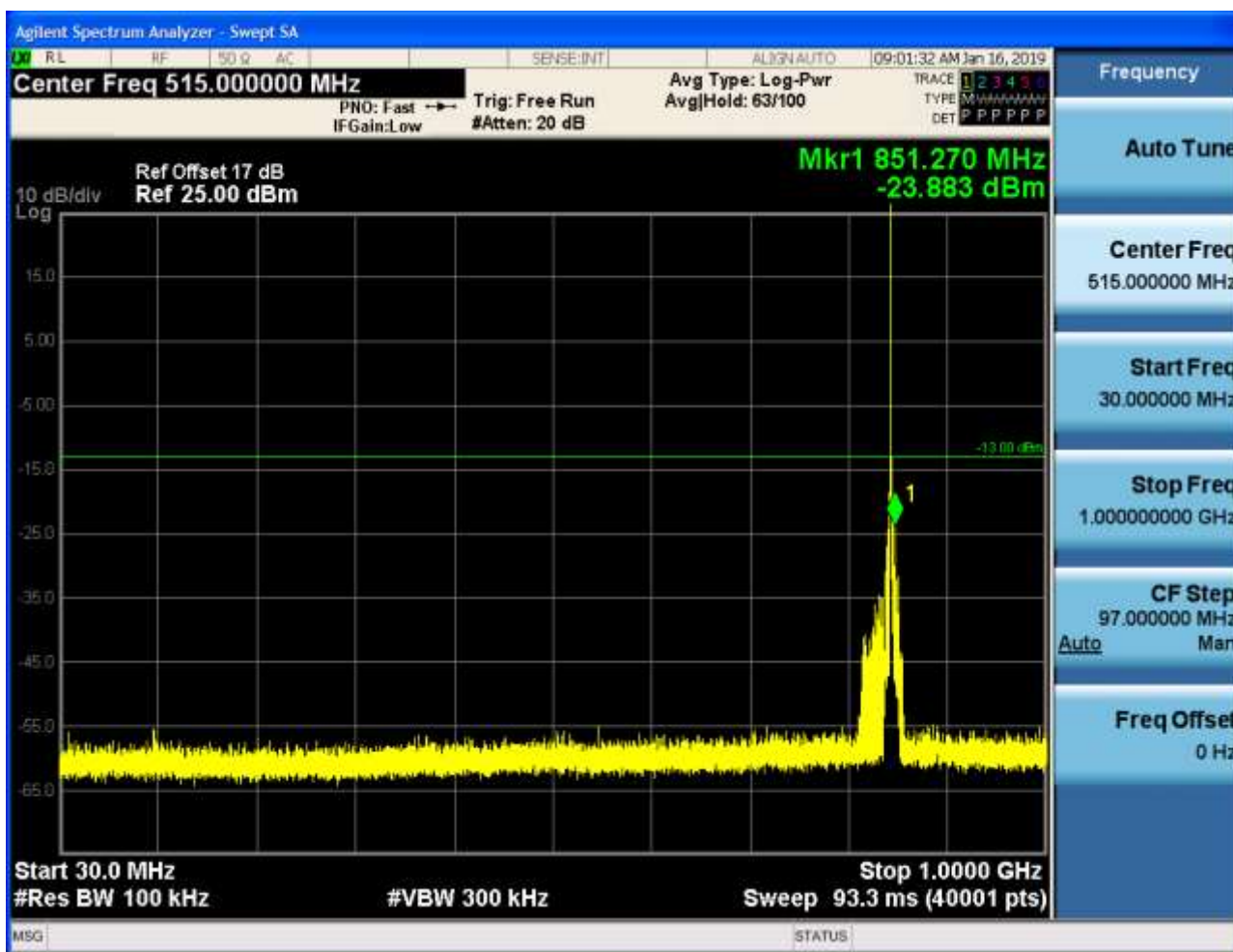


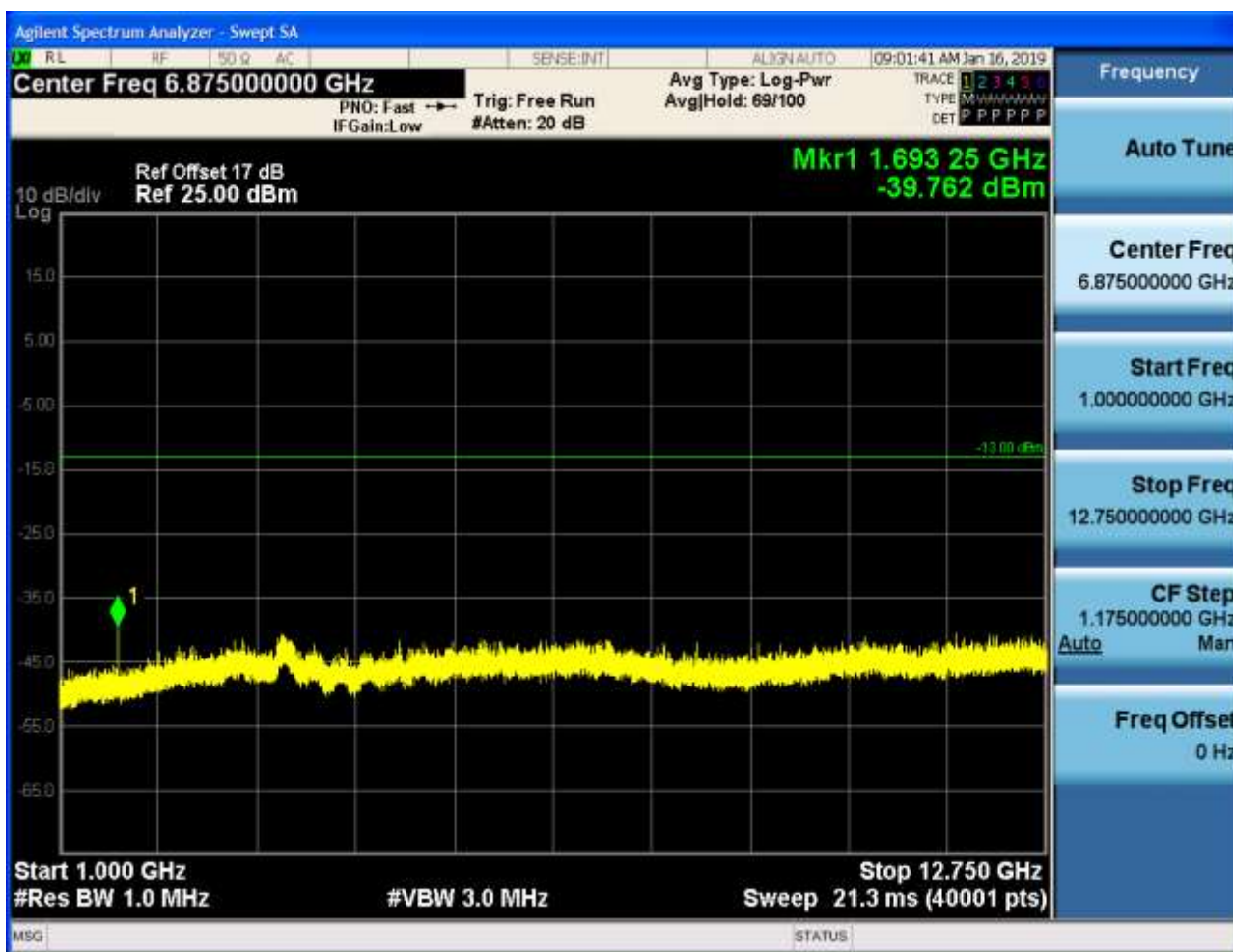
6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0





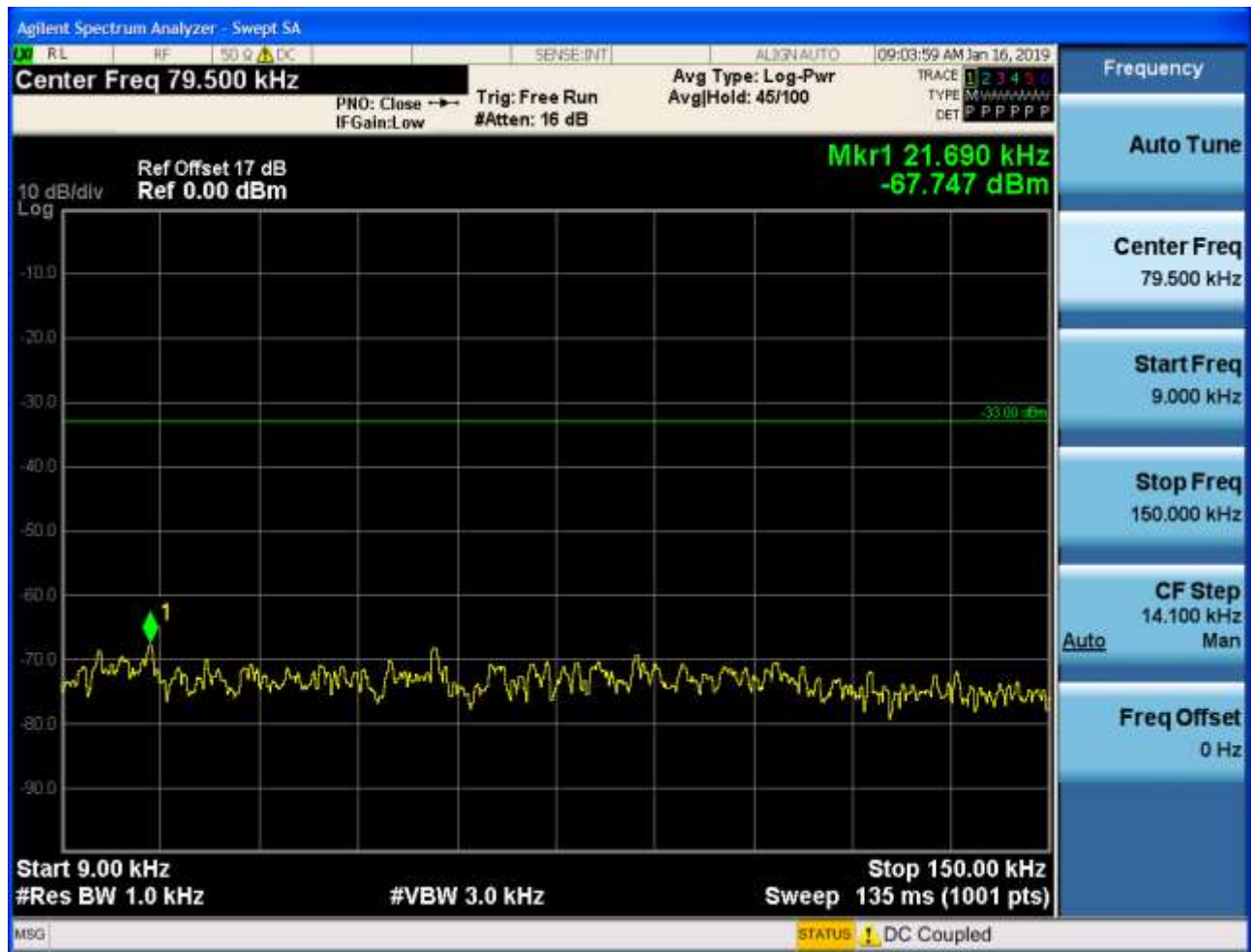


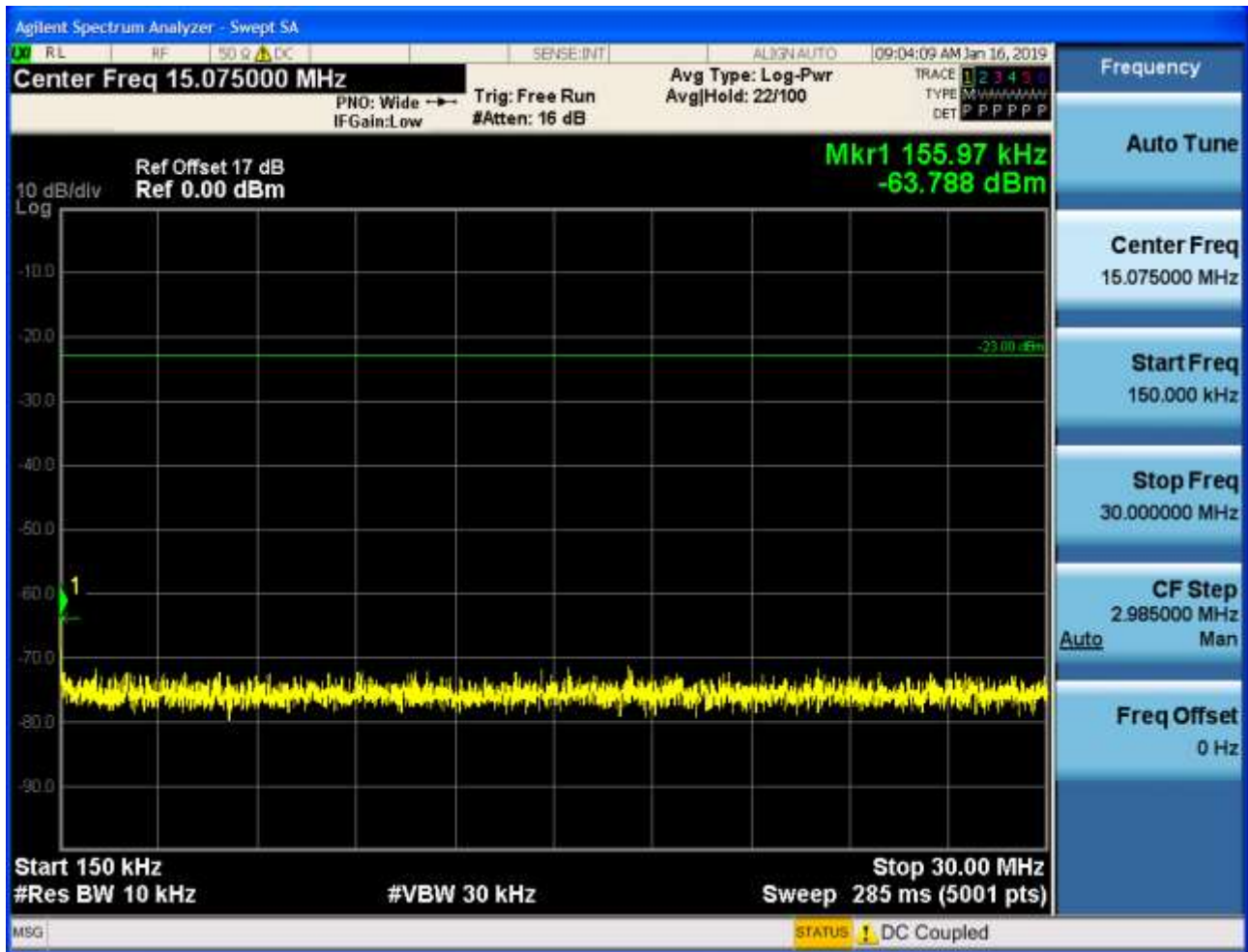


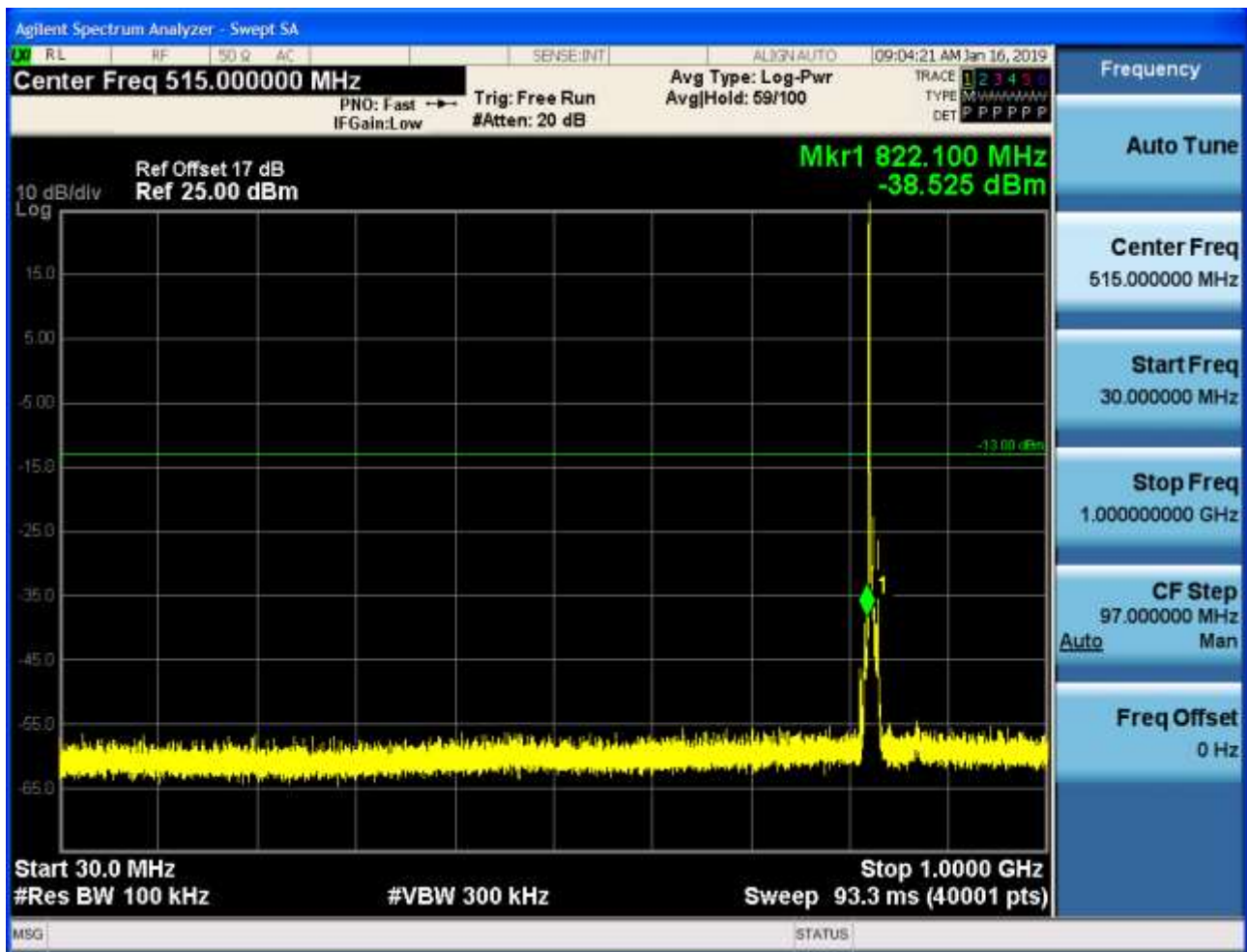
6.2.1.2.3 Test Bandwidth = 5

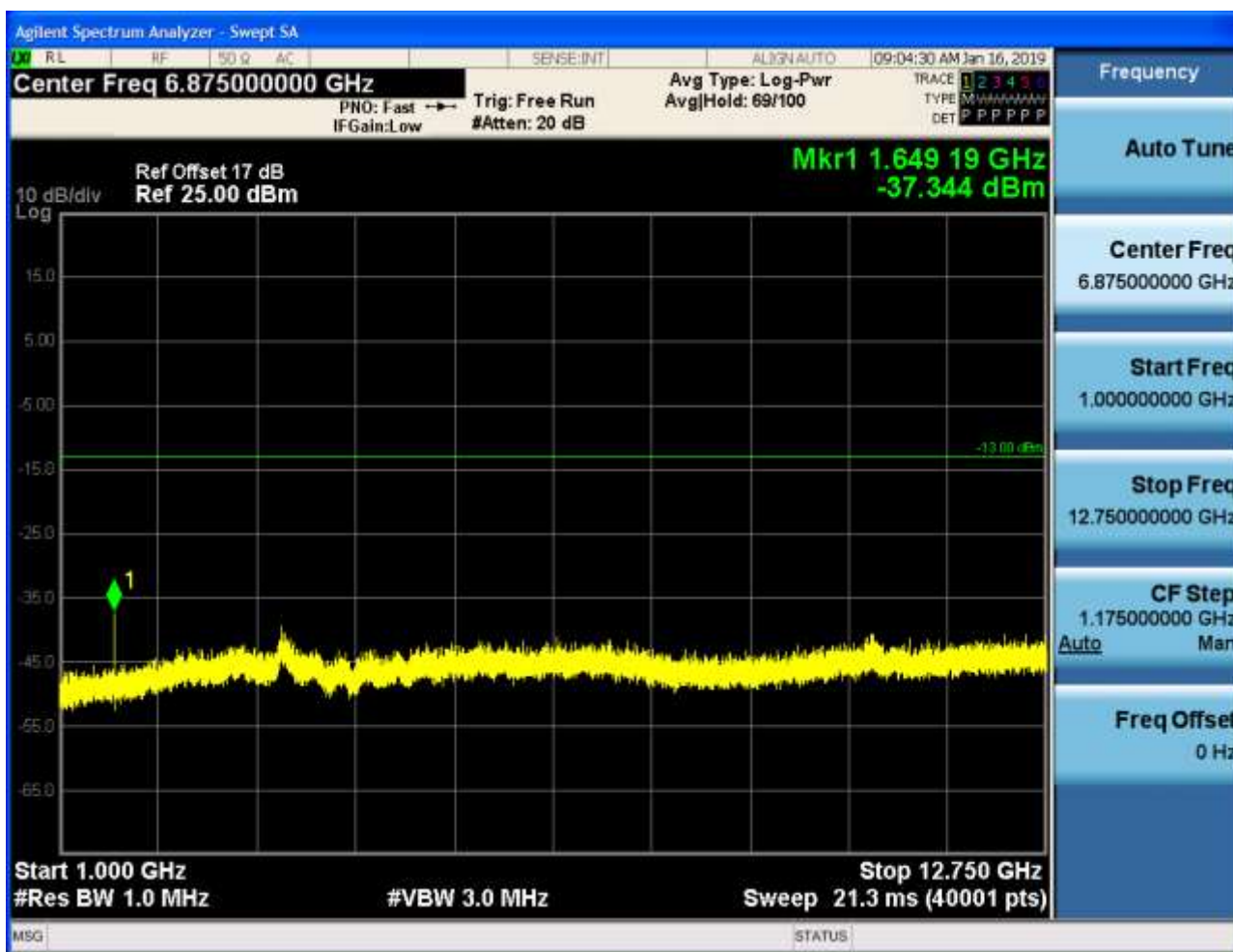
6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0





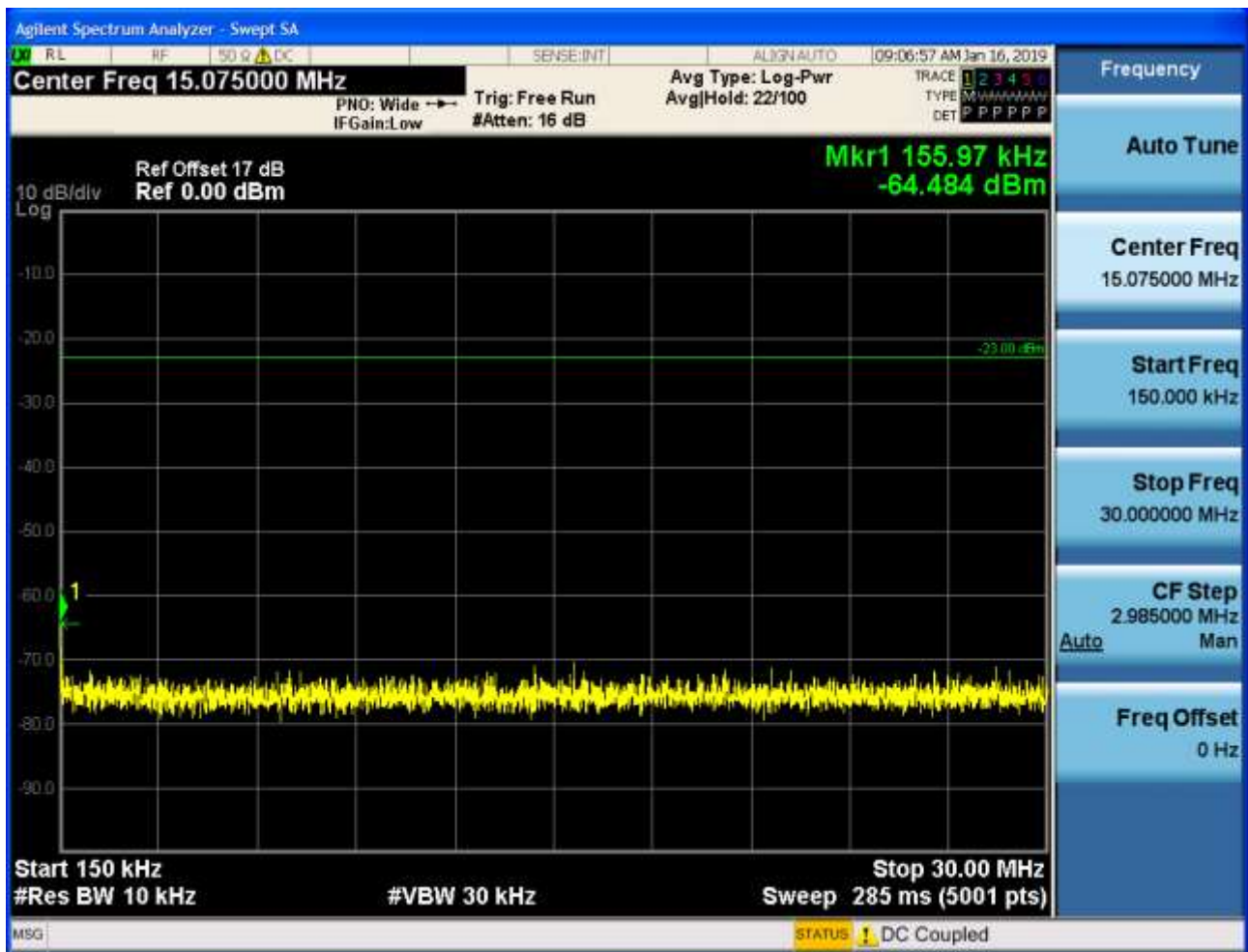


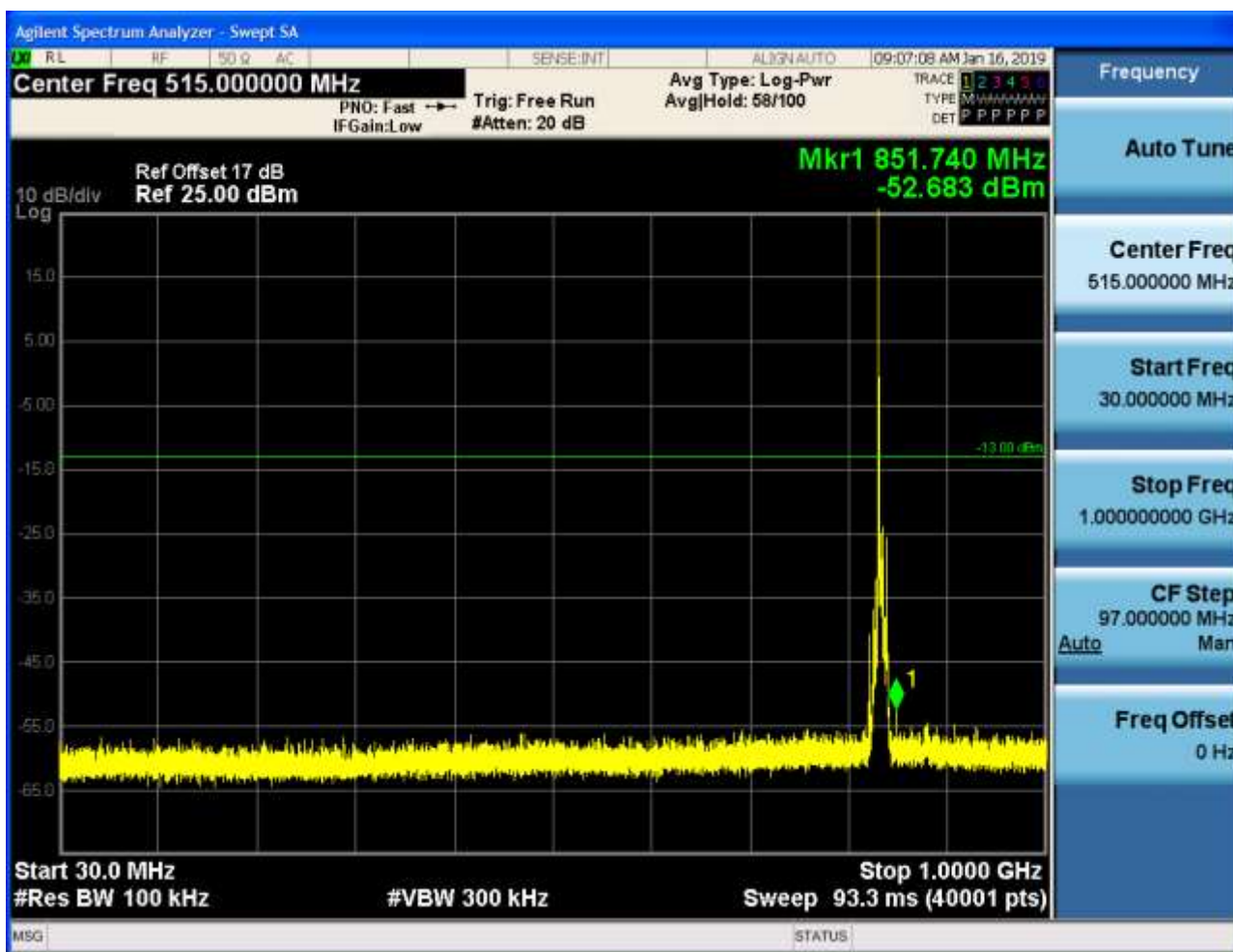


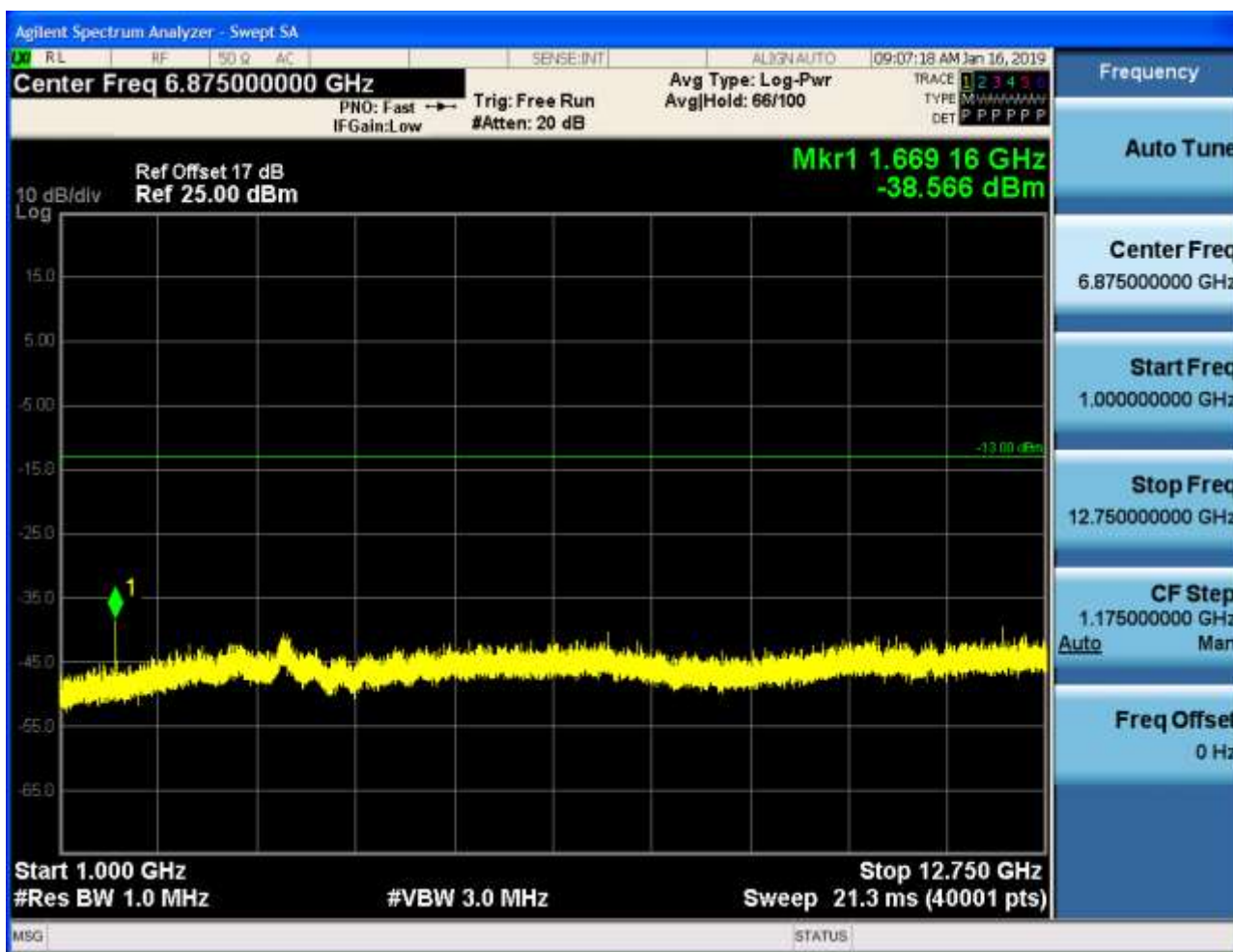
6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0



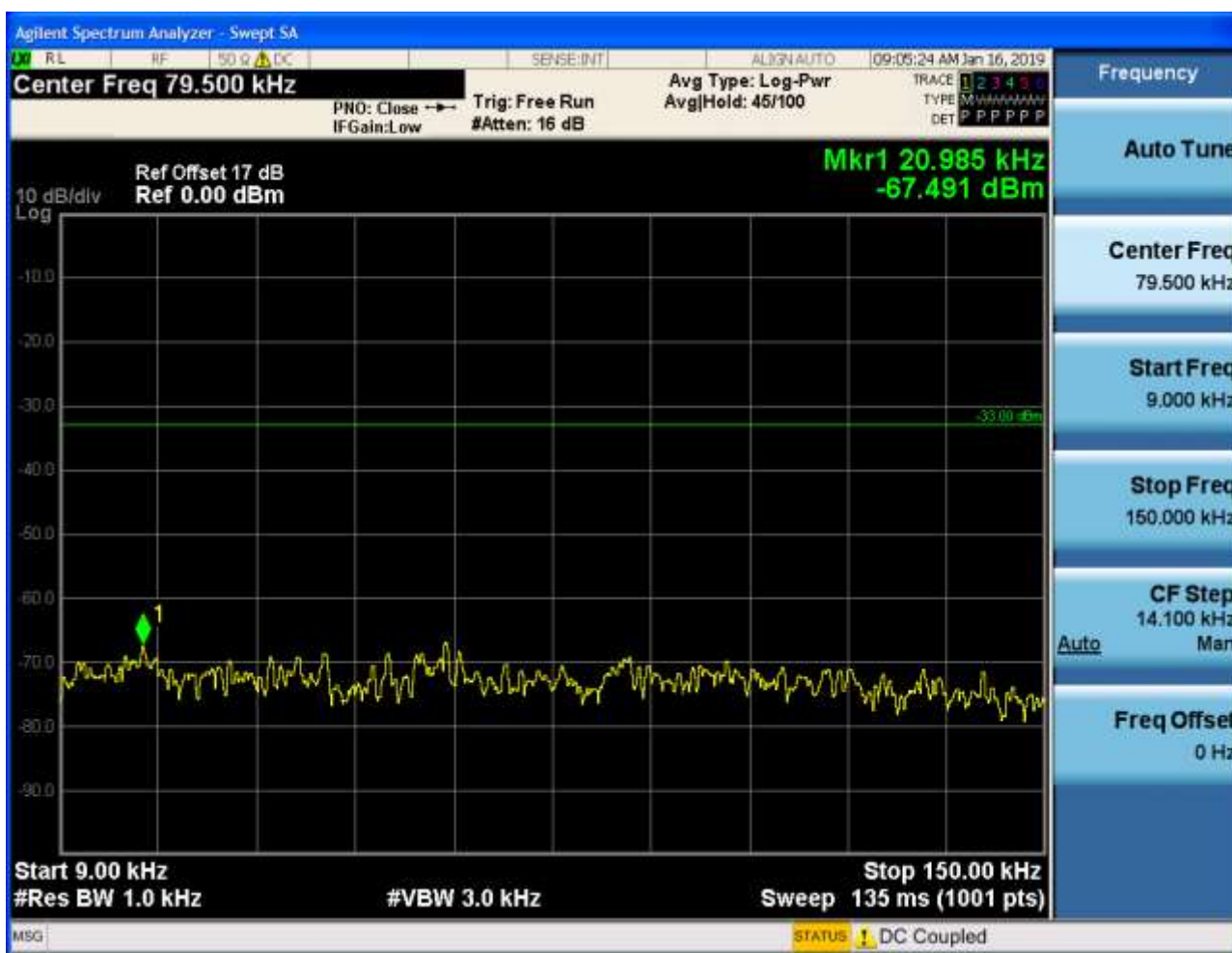


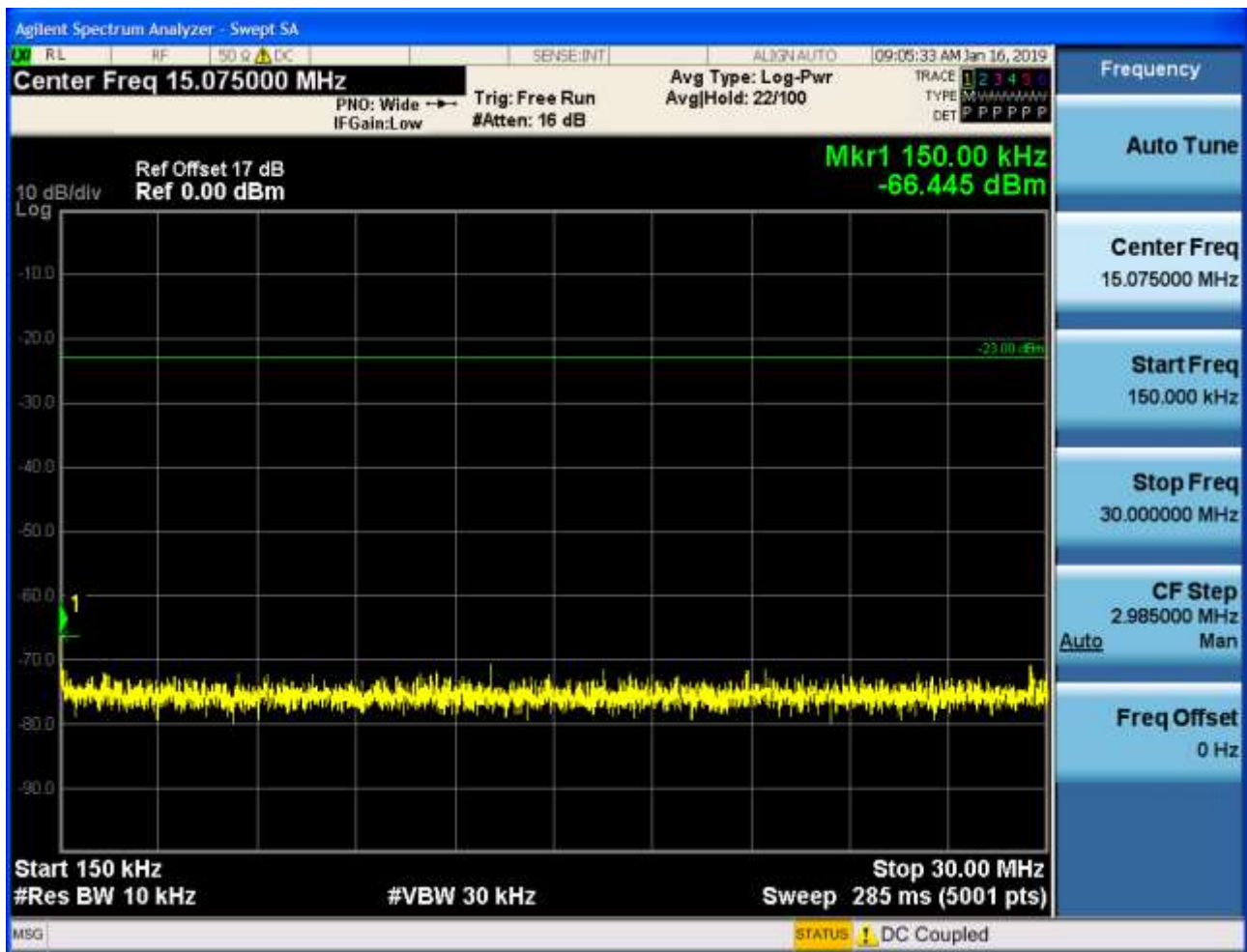


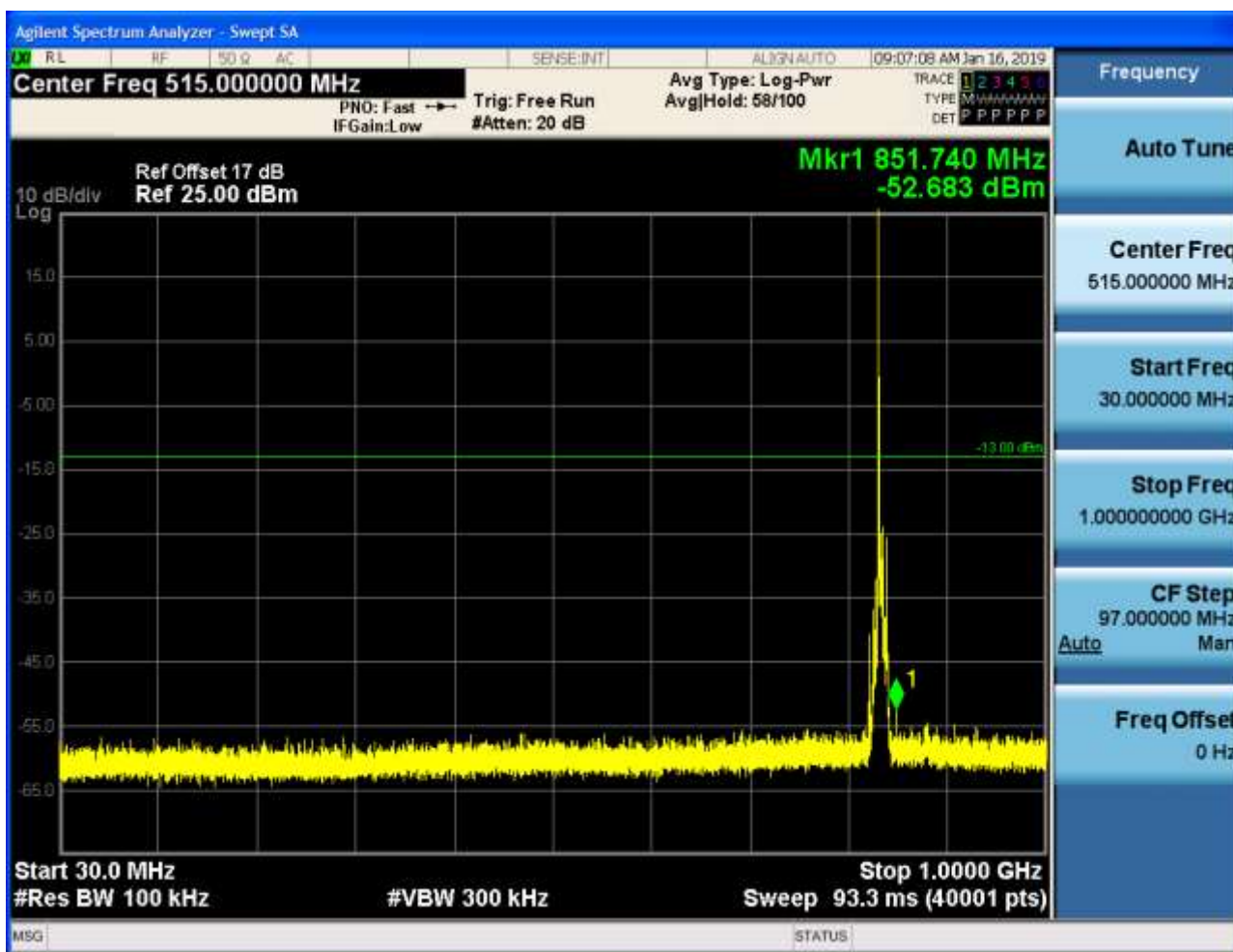


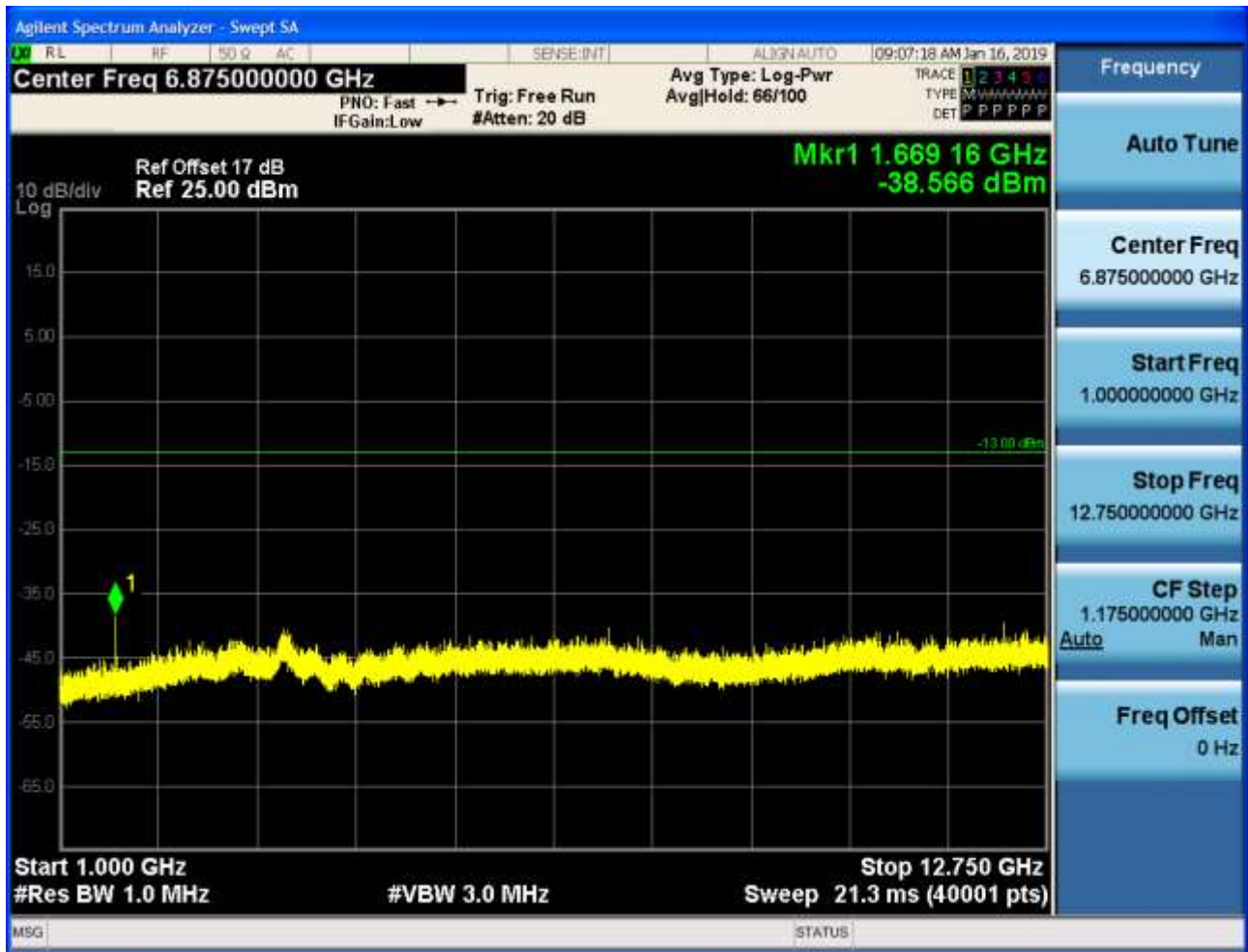
6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0





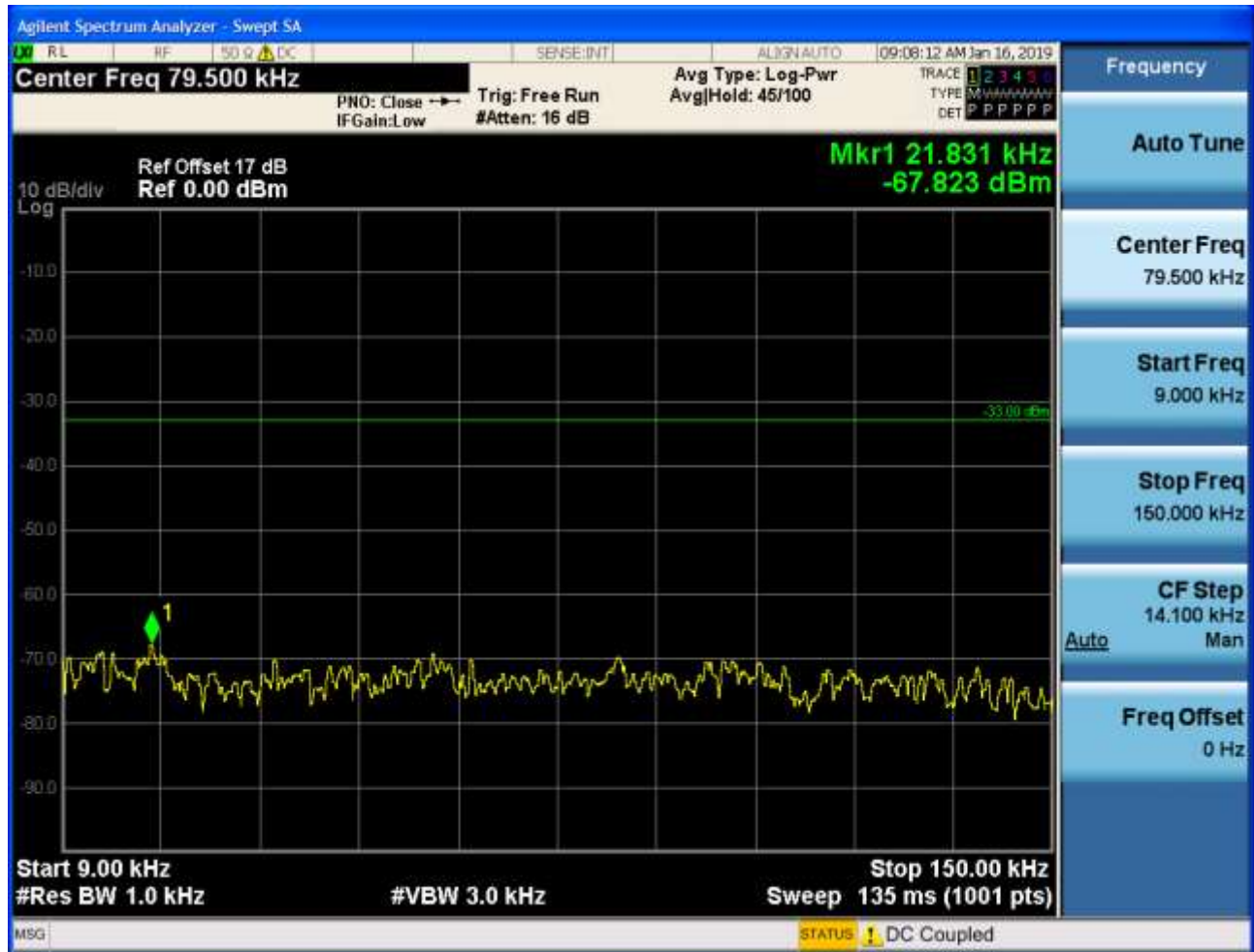




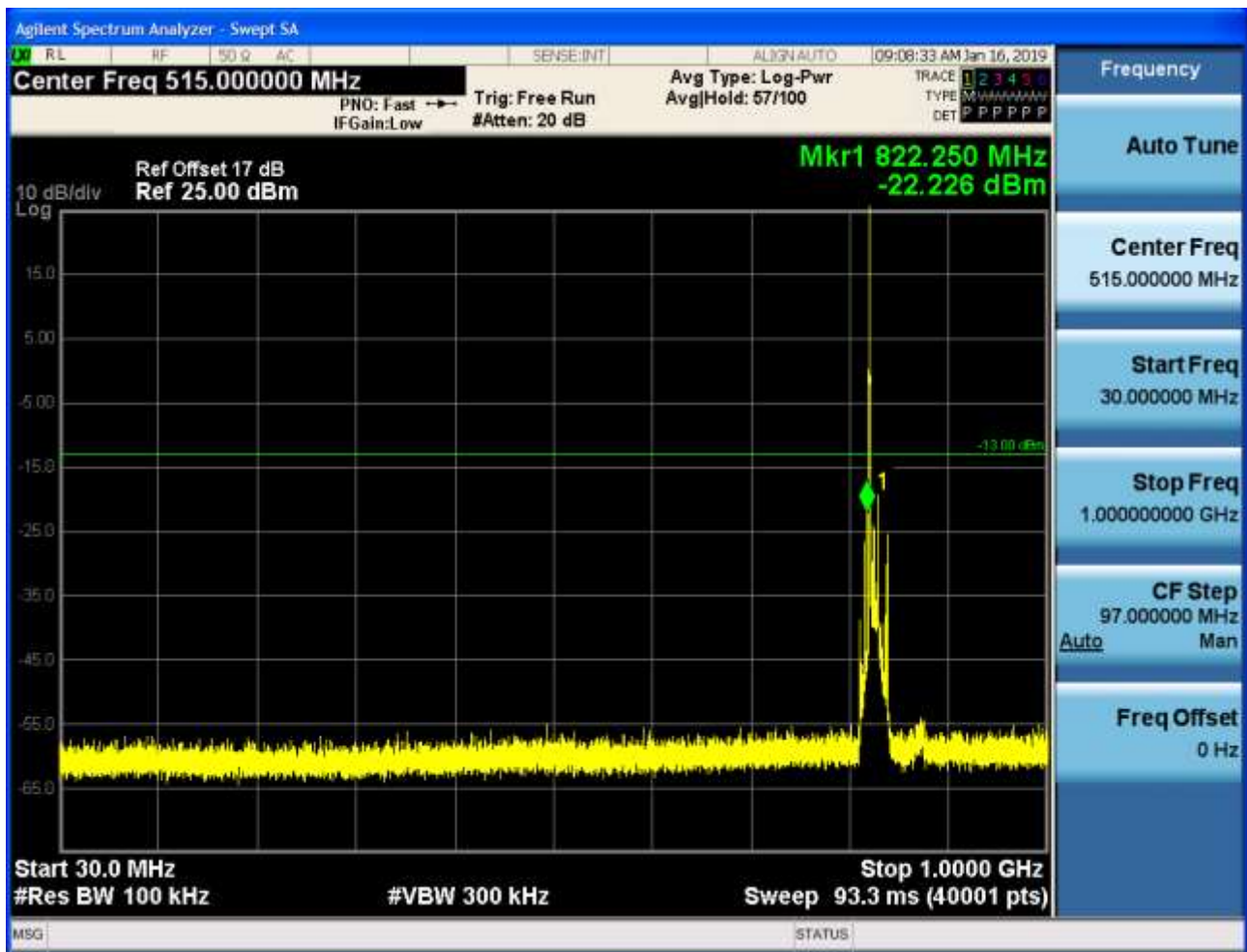
6.2.1.2.4 Test Bandwidth = 10

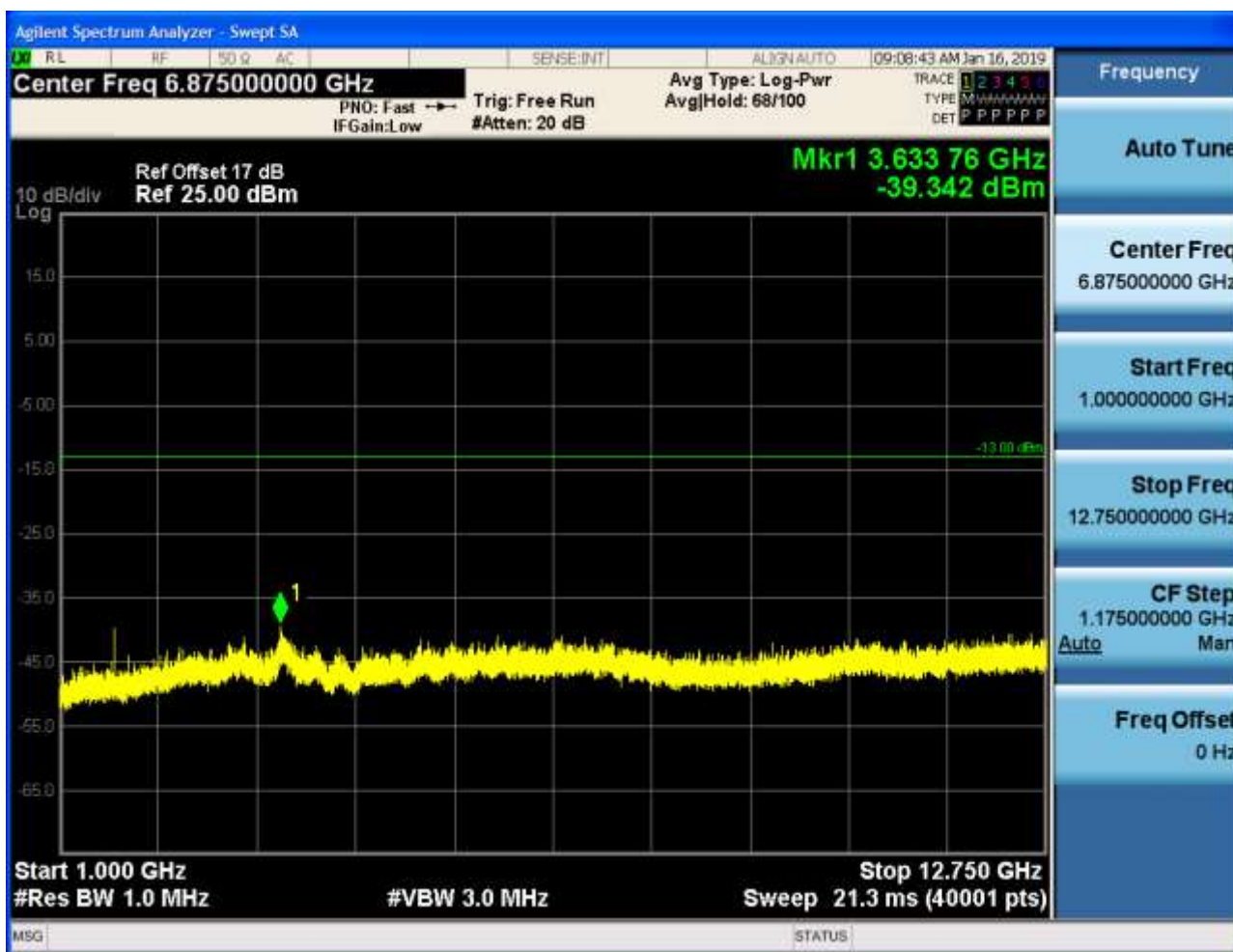
6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0



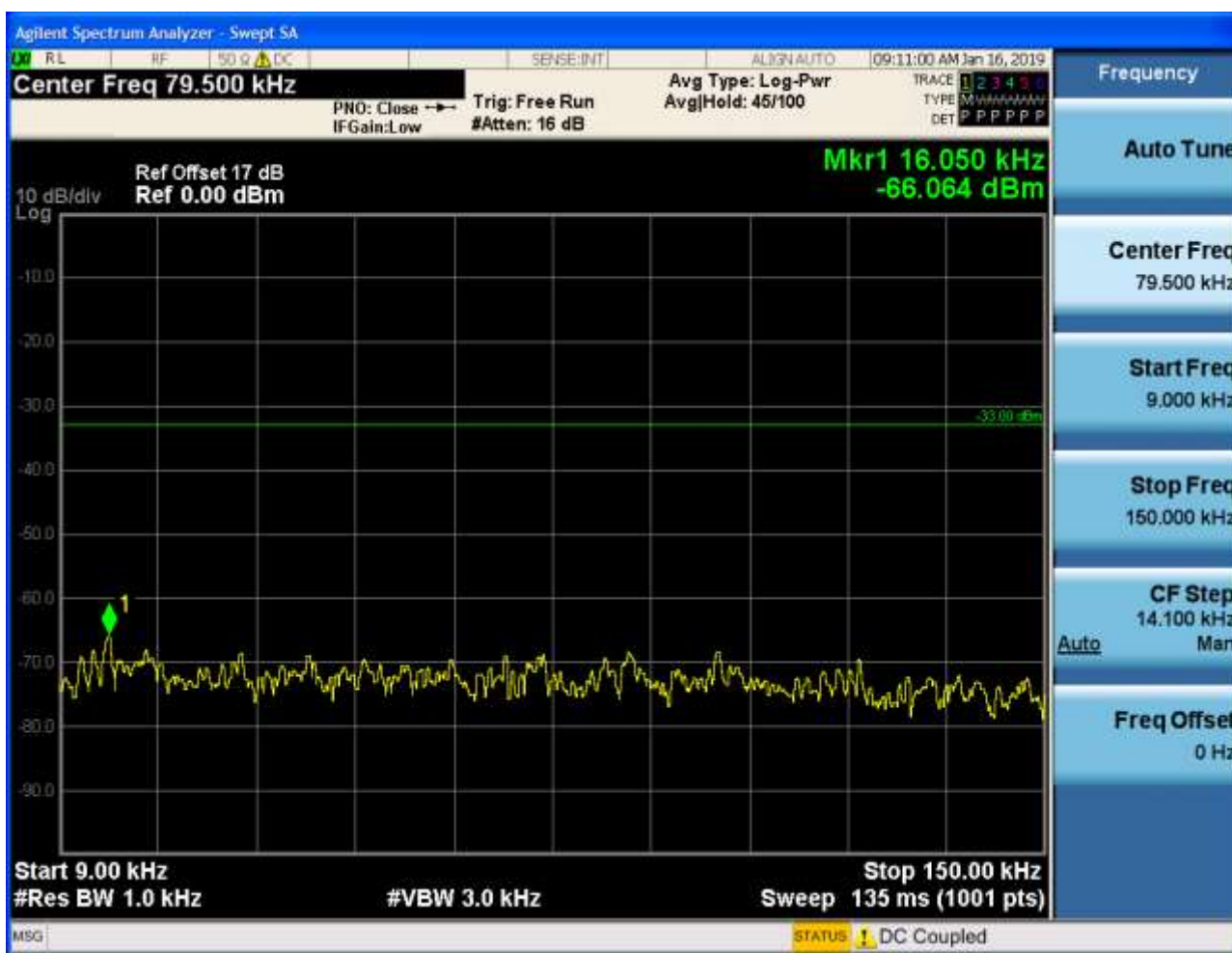


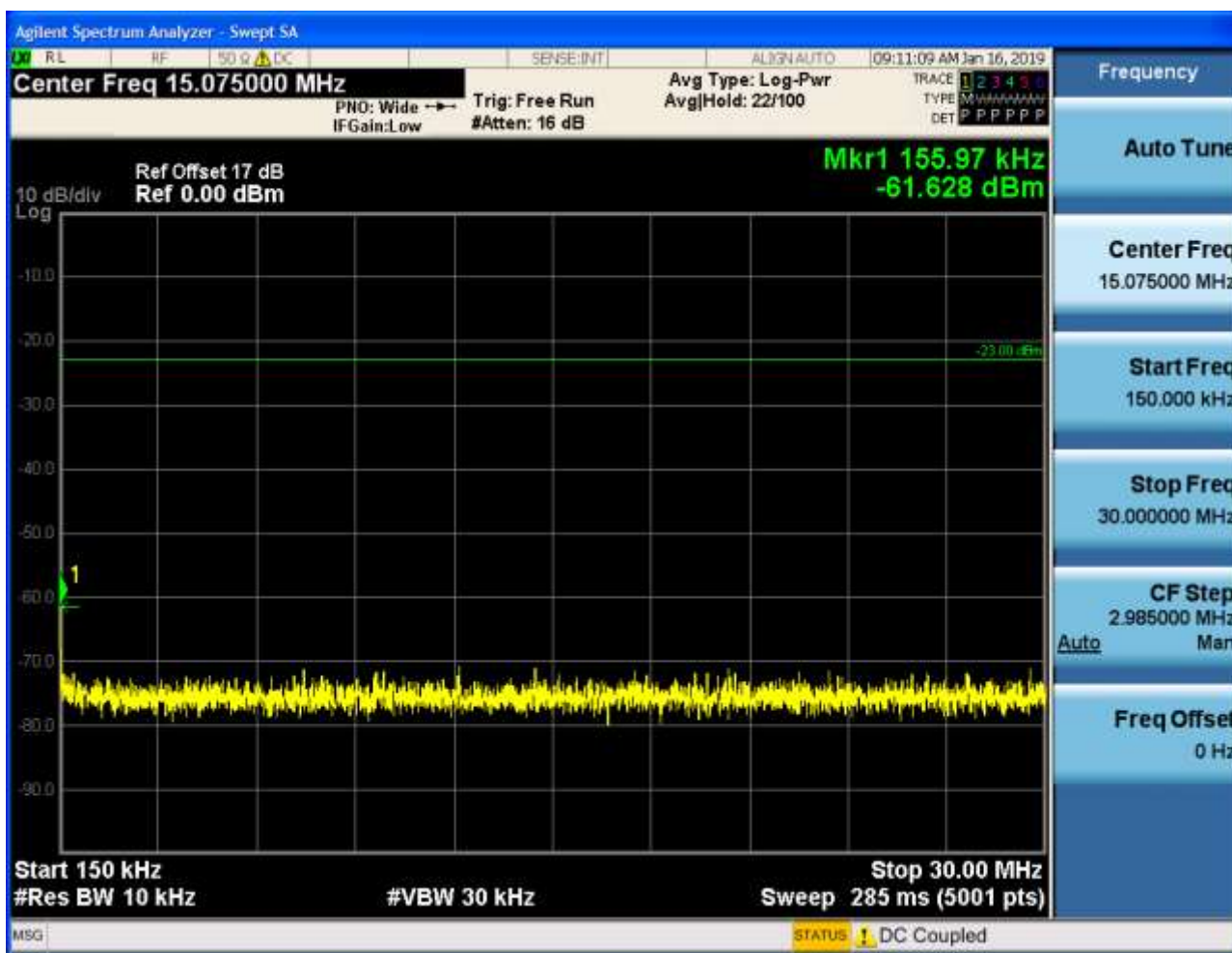


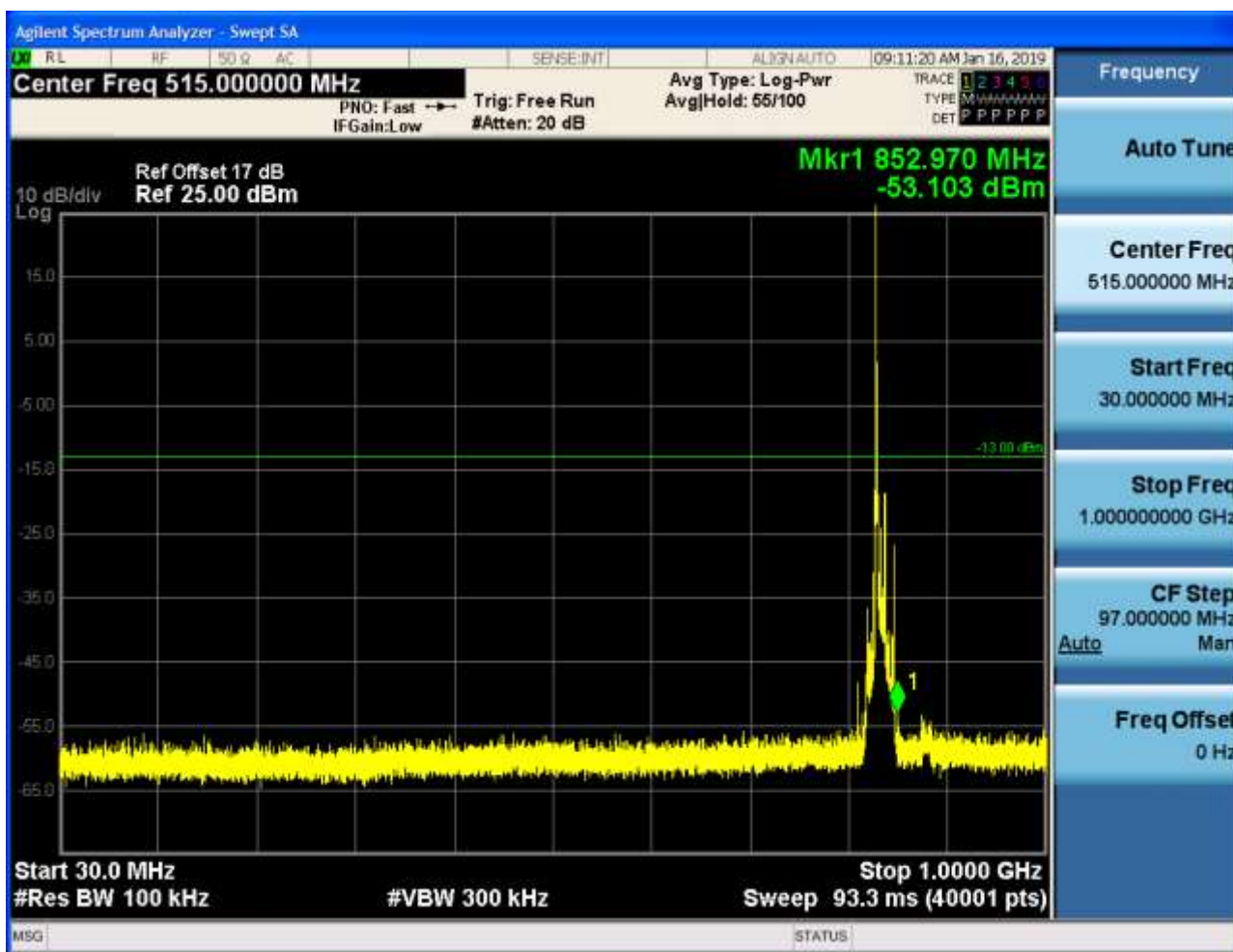


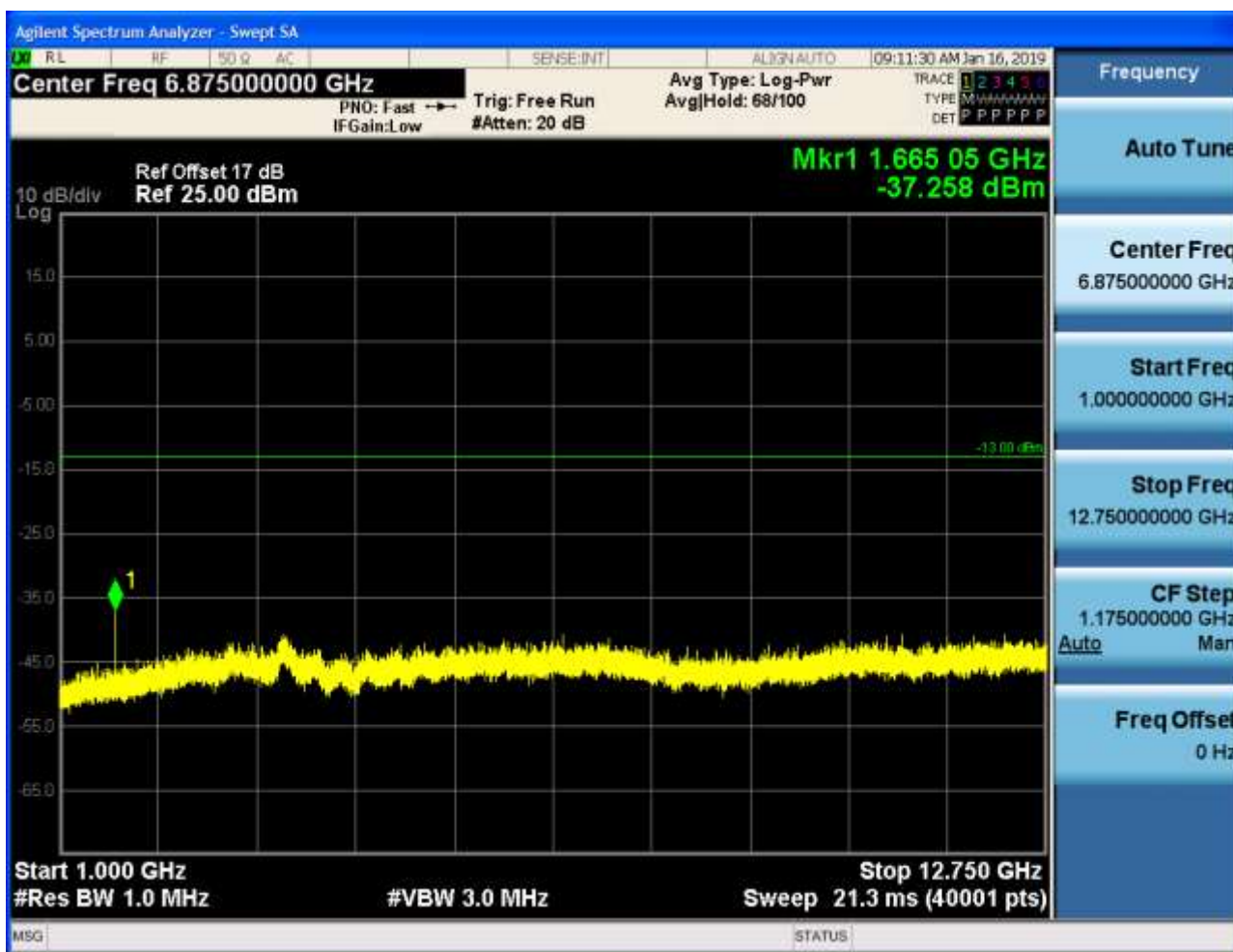
6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0



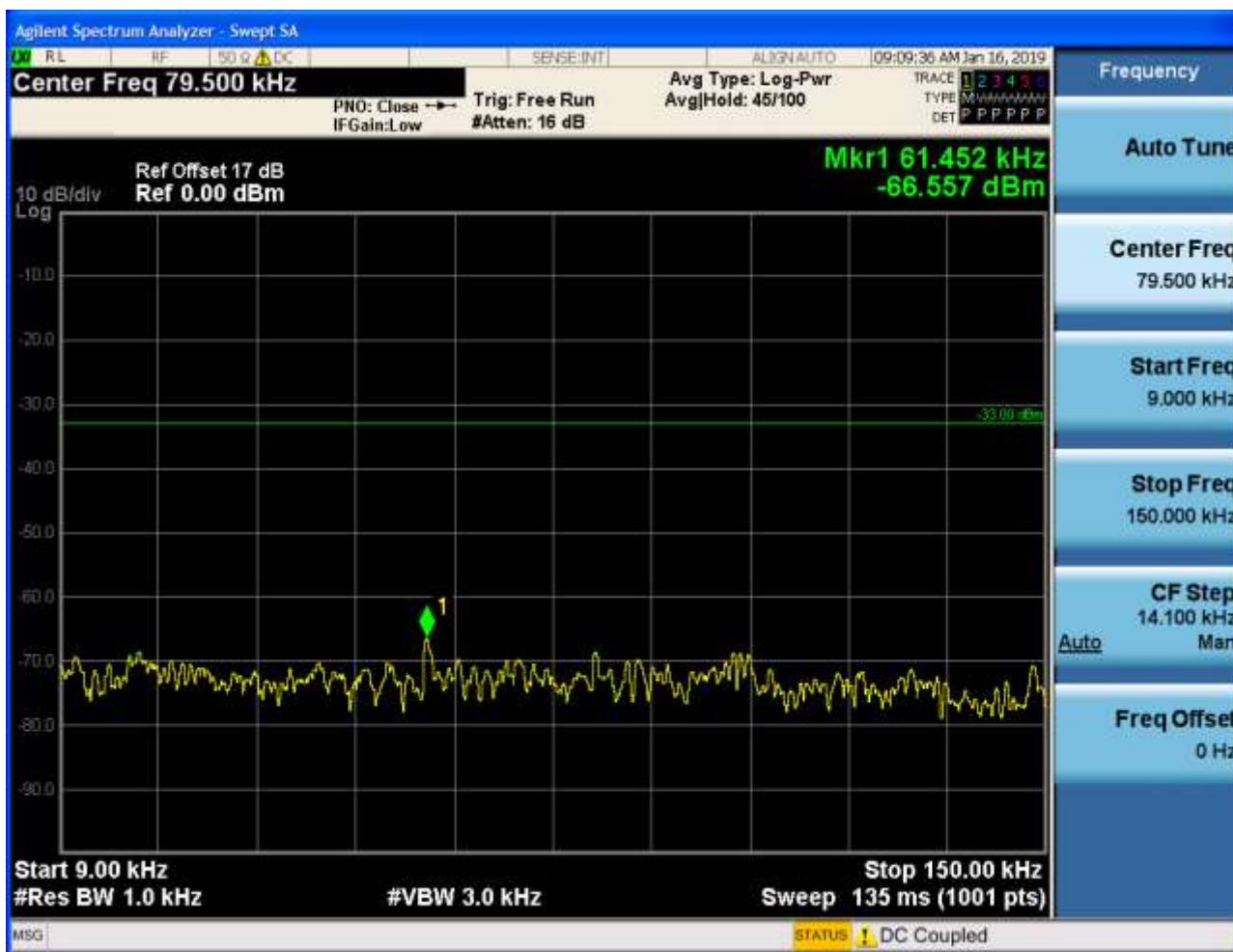


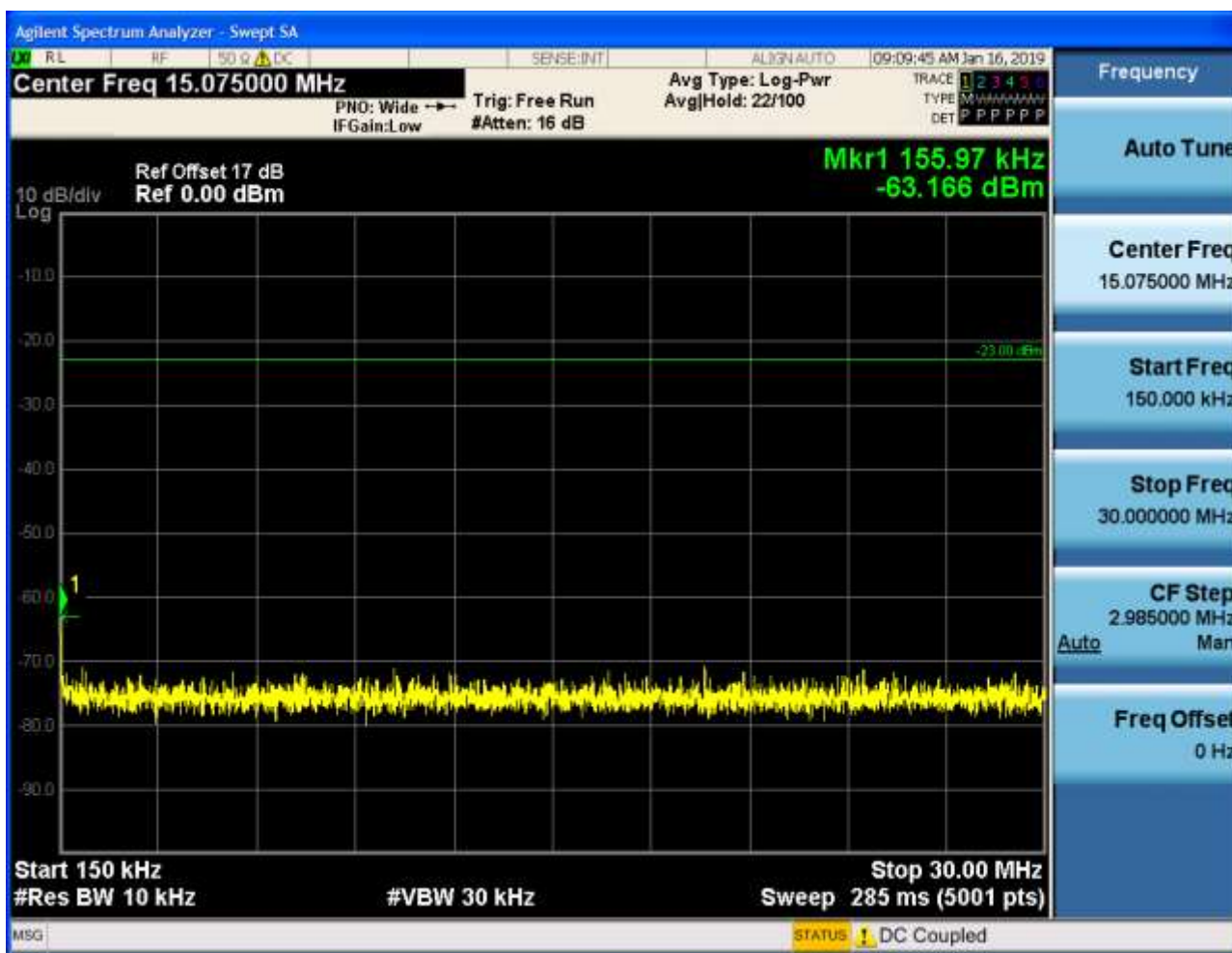


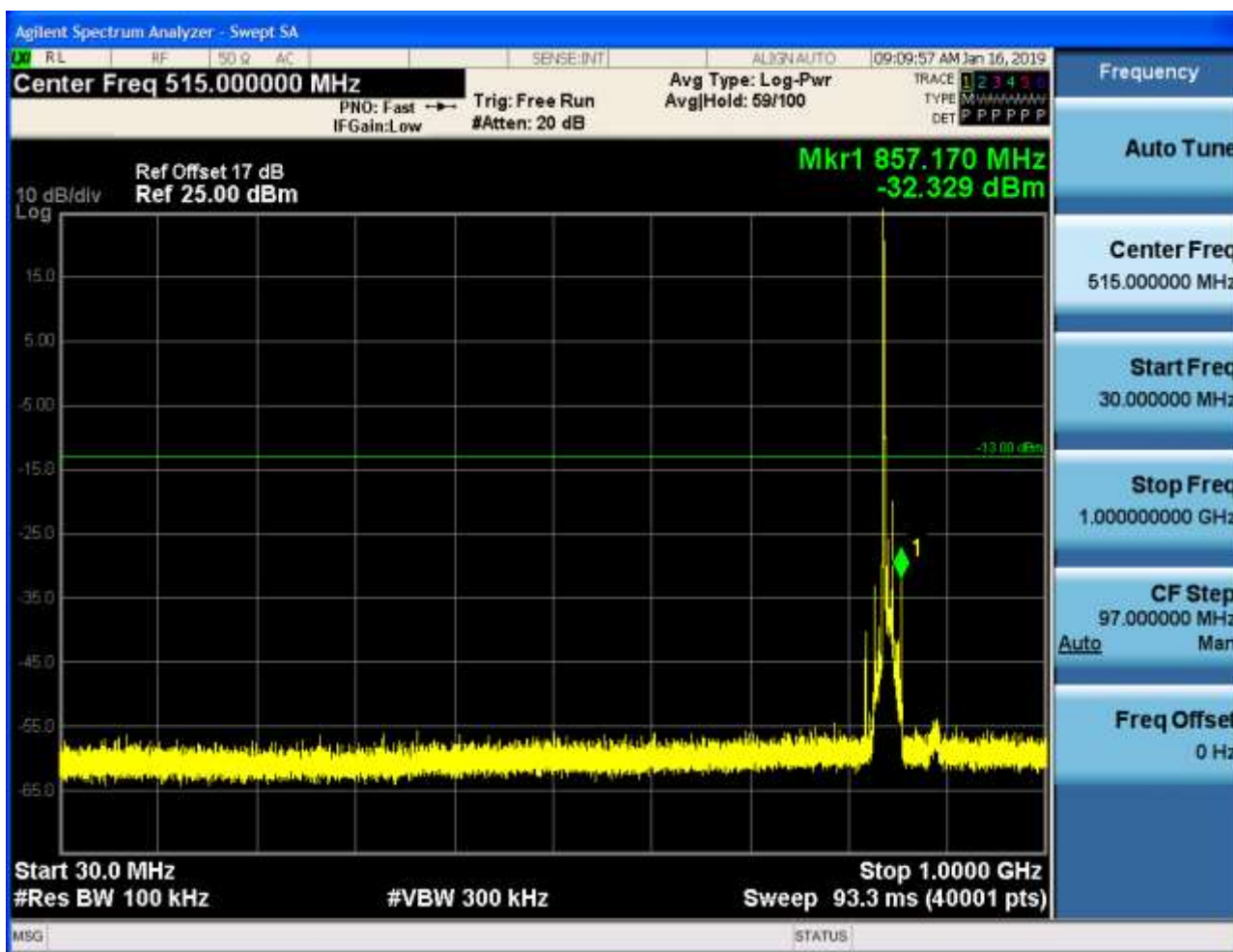


6.2.1.2.4.3 Test Channel = HCH

6.2.1.2.4.3.1 Test RB = RB1#0









7Appendix_H: Frequency Stability

7.1 For LTE

7.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
Band5	LTE/TM1	1.4	LCH	TN	VL	-7.93934	-0.00963	PASS
					VN	-3.77655	-0.00458	PASS
					VH	-9.82761	-0.01192	PASS
			MCH	TN	VL	-4.59194	-0.00549	PASS
					VN	-4.46320	-0.00534	PASS
					VH	-8.12531	-0.00971	PASS
			HCH	TN	VL	-5.85079	-0.00690	PASS
					VN	-11.70158	-0.01379	PASS
					VH	-6.26564	-0.00739	PASS
		3	LCH	TN	VL	-5.57899	-0.00676	PASS
					VN	-7.56741	-0.00917	PASS
					VH	-7.08103	-0.00858	PASS
			MCH	TN	VL	-3.53336	-0.00422	PASS
					VN	-6.68049	-0.00799	PASS
					VH	-3.07560	-0.00368	PASS
			HCH	TN	VL	-6.58035	-0.00776	PASS
					VN	-7.85351	-0.00927	PASS
					VH	-3.54767	-0.00419	PASS
		5	LCH	TN	VL	-6.58035	-0.00776	PASS
					VN	-6.29425	-0.00762	PASS
					VH	-3.77655	-0.00458	PASS
			MCH	TN	VL	-4.67777	-0.00559	PASS
					VN	-8.12531	-0.00971	PASS
					VH	-7.20978	-0.00862	PASS
			HCH	TN	VL	-6.10828	-0.00722	PASS
					VN	-4.07696	-0.00482	PASS
					VH	-8.29697	-0.00980	PASS
		10	LCH	TN	VL	-7.26700	-0.00877	PASS
					VN	-7.65324	-0.00904	PASS
					VH	-8.01086	-0.00966	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	-6.66618	-0.00797	PASS
					VN	-3.00407	-0.00359	PASS
					VH	-7.06673	-0.00845	PASS
			HCH	TN	VL	-4.96387	-0.00588	PASS
					VN	-8.03947	-0.00953	PASS
					VH	-5.02109	-0.00595	PASS
	LTE/TM2	1.4	LCH	TN	VL	-3.83377	-0.00465	PASS
					VN	-6.75201	-0.00819	PASS
					VH	-6.60896	-0.00801	PASS
			MCH	TN	VL	-6.99520	-0.00836	PASS
					VN	-8.15391	-0.00975	PASS
					VH	-3.83377	-0.00458	PASS
			HCH	TN	VL	-11.74450	-0.01384	PASS
					VN	-7.75337	-0.00914	PASS
					VH	-5.30720	-0.00626	PASS
		3	LCH	TN	VL	-6.48022	-0.00785	PASS
					VN	-8.94070	-0.01083	PASS
					VH	-7.02381	-0.00851	PASS
			MCH	TN	VL	-4.19140	-0.00501	PASS
					VN	-0.78678	-0.00094	PASS
					VH	-5.36442	-0.00641	PASS
			HCH	TN	VL	-5.87940	-0.00694	PASS
					VN	-4.63486	-0.00547	PASS
					VH	-2.23160	-0.00263	PASS
		5	LCH	TN	VL	-3.77655	-0.00458	PASS
					VN	-4.82082	-0.00583	PASS
					VH	-4.07696	-0.00482	PASS
			MCH	TN	VL	-4.23431	-0.00506	PASS
					VN	-6.99520	-0.00836	PASS
					VH	-4.04835	-0.00484	PASS
			HCH	TN	VL	-6.23703	-0.00737	PASS
					VN	-4.67777	-0.00553	PASS
					VH	-7.65324	-0.00904	PASS
		10	LCH	TN	VL	-6.88076	-0.00830	PASS
					VN	-8.15391	-0.00975	PASS
					VH	-7.55310	-0.00911	PASS
			MCH	TN	VL	-4.30584	-0.00515	PASS
					VN	-3.60489	-0.00431	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	-6.52313	-0.00780	PASS
					VL	-1.97411	-0.00234	PASS
					VN	-6.27994	-0.00744	PASS
					VH	-1.43051	-0.00169	PASS

7.1.2 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
Band5	LTE/TM1	1.4	LCH	VN	-30	-7.56741	-0.00918	PASS
					-20	-7.95364	-0.00964	PASS
					-10	-4.33445	-0.00526	PASS
					0	-3.26157	-0.00395	PASS
					10	-8.25405	-0.01001	PASS
					20	-3.77655	-0.00458	PASS
					30	-9.58443	-0.01162	PASS
					40	-1.48773	-0.00180	PASS
					50	-8.35419	-0.01013	PASS
			MCH	VN	-30	-19.78397	-0.02365	PASS
					-20	-2.88963	-0.00345	PASS
					-10	-3.71933	-0.00445	PASS
					0	-6.07967	-0.00727	PASS
					10	-3.74794	-0.00448	PASS
					20	-4.46320	-0.00534	PASS
					30	-2.90394	-0.00347	PASS
					40	-5.37872	-0.00643	PASS
					50	-0.01431	-0.00002	PASS
			HCH	VN	-30	-5.75066	-0.00678	PASS
					-20	-4.92096	-0.00580	PASS
					-10	-4.67777	-0.00551	PASS
					0	-3.93391	-0.00464	PASS
					10	-4.69208	-0.00553	PASS
					20	-11.70158	-0.01379	PASS
					30	-12.04491	-0.01420	PASS
					40	-4.04835	-0.00477	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					50	-10.2567 7	-0.01209	PASS
					-30	-12.1879 6	-0.01476	PASS
		3	LCH	VN	-20	-7.98225	-0.00967	PASS
					-10	-7.32422	-0.00887	PASS
					0	-9.05514	-0.01097	PASS
					10	-2.68936	-0.00326	PASS
					20	-7.56741	-0.00917	PASS
					30	-1.05858	-0.00128	PASS
					40	-6.69479	-0.00811	PASS
					50	-0.01431	-0.00002	PASS
			MCH	VN	-30	-2.54631	-0.00304	PASS
					-20	-7.23839	-0.00865	PASS
					-10	-0.07153	-0.00009	PASS
					0	-0.35763	-0.00043	PASS
					10	-0.81539	-0.00097	PASS
					20	-6.68049	-0.00799	PASS
					30	-5.49316	-0.00657	PASS
					40	-4.80652	-0.00575	PASS
					50	-4.67777	-0.00559	PASS
			HCH	VN	-30	-7.65324	-0.00903	PASS
					-20	-6.82354	-0.00805	PASS
					-10	-7.26700	-0.00857	PASS
					0	-10.3139 9	-0.01217	PASS
					10	-9.42707	-0.01112	PASS
					20	-7.85351	-0.00927	PASS
					30	-2.08855	-0.00246	PASS
					40	-4.83513	-0.00571	PASS
					50	-0.01431	-0.00002	PASS
		5	LCH	VN	-30	-7.45296	-0.00902	PASS
					-20	-10.0994 1	-0.01222	PASS
					-10	-8.23975	-0.00997	PASS
					0	-7.72476	-0.00935	PASS
					10	-10.1995 5	-0.01234	PASS
					20	-6.29425	-0.00762	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-7.61032	-0.00921	PASS
					40	-9.55582	-0.01156	PASS
					50	-7.79629	-0.00943	PASS
			MCH	VN	-30	-7.79629	-0.00932	PASS
					-20	-2.48909	-0.00298	PASS
					-10	-3.29018	-0.00393	PASS
					0	-6.32286	-0.00756	PASS
					10	-5.14984	-0.00616	PASS
					20	-0.01431	-0.00002	PASS
					30	-10.18524	-0.01218	PASS
					40	-1.40190	-0.00168	PASS
					50	-5.89371	-0.00705	PASS
			HCH	VN	-30	-8.13961	-0.00962	PASS
					-20	-4.82082	-0.00570	PASS
					-10	-5.49316	-0.00649	PASS
					0	-4.13418	-0.00488	PASS
					10	-2.91824	-0.00345	PASS
					20	-4.07696	-0.00482	PASS
					30	-5.33581	-0.00630	PASS
					40	-4.79221	-0.00566	PASS
					50	-5.83649	-0.00689	PASS
		10	LCH	VN	-30	-6.90937	-0.00833	PASS
					-20	-6.89506	-0.00832	PASS
					-10	-7.91073	-0.00954	PASS
					0	-7.36713	-0.00889	PASS
					10	-8.42571	-0.01016	PASS
					20	-0.01431	-0.00002	PASS
					30	-7.73907	-0.00934	PASS
					40	-4.20570	-0.00507	PASS
					50	-5.40733	-0.00652	PASS
			MCH	VN	-30	-7.41005	-0.00886	PASS
					-20	-3.93391	-0.00470	PASS
					-10	-5.96523	-0.00713	PASS
					0	-6.73771	-0.00805	PASS
					10	-6.26564	-0.00749	PASS
					20	-3.00407	-0.00359	PASS
					30	-8.46863	-0.01012	PASS
					40	-6.96659	-0.00833	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	-4.63486	-0.00554	PASS
					-30	-6.33717	-0.00751	PASS
					-20	-6.68049	-0.00792	PASS
					-10	-7.35283	-0.00871	PASS
					0	-8.79765	-0.01042	PASS
					10	-3.66211	-0.00434	PASS
					20	-8.03947	-0.00953	PASS
					30	-5.33581	-0.00632	PASS
					40	-2.28882	-0.00271	PASS
					50	-6.33717	-0.00751	PASS
	LTE/TM2	1.4	LCH	VN	-30	-7.28130	-0.00883	PASS
					-20	-8.19683	-0.00994	PASS
					-10	-9.92775	-0.01204	PASS
					0	-8.86917	-0.01075	PASS
					10	-6.50883	-0.00789	PASS
					20	-6.75201	-0.00819	PASS
					30	-4.56333	-0.00553	PASS
					40	-9.77039	-0.01185	PASS
					50	-3.83377	-0.00465	PASS
			MCH	VN	-30	-5.36442	-0.00641	PASS
					-20	-6.93798	-0.00829	PASS
					-10	-8.15391	-0.00975	PASS
					0	-5.27859	-0.00631	PASS
					10	-4.43459	-0.00530	PASS
					20	-8.15391	-0.00975	PASS
					30	-3.16143	-0.00378	PASS
					40	-3.23296	-0.00386	PASS
					50	-6.43730	-0.00770	PASS
			HCH	VN	-30	-3.69072	-0.00435	PASS
					-20	-2.53200	-0.00298	PASS
					-10	-3.49045	-0.00411	PASS
					0	-5.62191	-0.00663	PASS
					10	-7.00951	-0.00826	PASS
					20	-7.75337	-0.00914	PASS
					30	-9.75609	-0.01150	PASS
					40	-3.90530	-0.00460	PASS
					50	-5.06401	-0.00597	PASS
		3	LCH	VN	-30	-5.95093	-0.00721	PASS
					-20	-5.83649	-0.00707	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-4.73499	-0.00574	PASS
					0	-6.07967	-0.00736	PASS
					10	-8.61168	-0.01043	PASS
					20	-8.94070	-0.01083	PASS
					30	-3.76225	-0.00456	PASS
					40	-2.20299	-0.00267	PASS
					50	-3.30448	-0.00390	PASS
			MCH	VN	-30	-10.29968	-0.01231	PASS
					-20	-3.24726	-0.00388	PASS
					-10	-7.08103	-0.00847	PASS
					0	-2.96116	-0.00354	PASS
					10	-3.53336	-0.00422	PASS
					20	-0.78678	-0.00094	PASS
					30	-2.03133	-0.00243	PASS
					40	-1.93119	-0.00231	PASS
					50	-5.96523	-0.00713	PASS
			HCH	VN	-30	-7.03812	-0.00830	PASS
					-20	-4.04835	-0.00478	PASS
					-10	-3.30448	-0.00390	PASS
					0	-3.30448	-0.00390	PASS
					10	-5.23567	-0.00618	PASS
					20	-4.63486	-0.00547	PASS
					30	-1.44482	-0.00170	PASS
					40	-6.16550	-0.00727	PASS
					50	-4.03404	-0.00482	PASS
		5	LCH	VN	-30	-6.43730	-0.00779	PASS
					-20	-8.25405	-0.00999	PASS
					-10	-4.32015	-0.00523	PASS
					0	-2.87533	-0.00348	PASS
					10	-4.94957	-0.00599	PASS
					20	-4.82082	-0.00583	PASS
					30	-5.92232	-0.00717	PASS
					40	-2.96116	-0.00358	PASS
					50	-7.55310	-0.00914	PASS
			MCH	VN	-30	-4.03404	-0.00482	PASS
					-20	-7.16686	-0.00857	PASS
					-10	-10.35690	-0.01238	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	-4.97818	-0.00595	PASS
					10	-4.64916	-0.00556	PASS
					20	-1.70231	-0.00201	PASS
					30	-7.79629	-0.00932	PASS
					40	-4.43459	-0.00530	PASS
					50	-3.57628	-0.00428	PASS
			HCH	VN	-30	-3.20435	-0.00379	PASS
					-20	-5.23567	-0.00619	PASS
					-10	-1.70231	-0.00201	PASS
					0	-4.09126	-0.00483	PASS
					10	-4.69208	-0.00554	PASS
					20	-4.67777	-0.00553	PASS
					30	-3.50475	-0.00414	PASS
					40	-7.85351	-0.00928	PASS
					50	-6.72340	-0.00794	PASS
		10	LCH	VN	-30	-6.85215	-0.00827	PASS
					-20	-6.25134	-0.00754	PASS
					-10	-3.66211	-0.00442	PASS
					0	-7.12395	-0.00859	PASS
					10	-5.40733	-0.00652	PASS
					20	-6.73771	-0.00805	PASS
					30	-7.71046	-0.00930	PASS
					40	-6.93798	-0.00837	PASS
					50	-5.66483	-0.00683	PASS
			MCH	VN	-30	-7.10964	-0.00850	PASS
					-20	-3.53336	-0.00422	PASS
					-10	-6.86646	-0.00821	PASS
					0	-6.32286	-0.00756	PASS
					10	-9.58443	-0.01146	PASS
					20	-3.60489	-0.00431	PASS
					30	-7.03812	-0.00841	PASS
					40	-6.73771	-0.00805	PASS
					50	-5.36442	-0.00641	PASS
			HCH	VN	-30	-4.46320	-0.00529	PASS
					-20	-4.33445	-0.00514	PASS
					-10	-3.66211	-0.00434	PASS
					0	-4.43459	-0.00525	PASS
					10	-2.48909	-0.00295	PASS
					20	-6.27994	-0.00744	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-6.86646	-0.00814	PASS
					40	-0.88692	-0.00105	PASS
					50	-3.50475	-0.00415	PASS

END