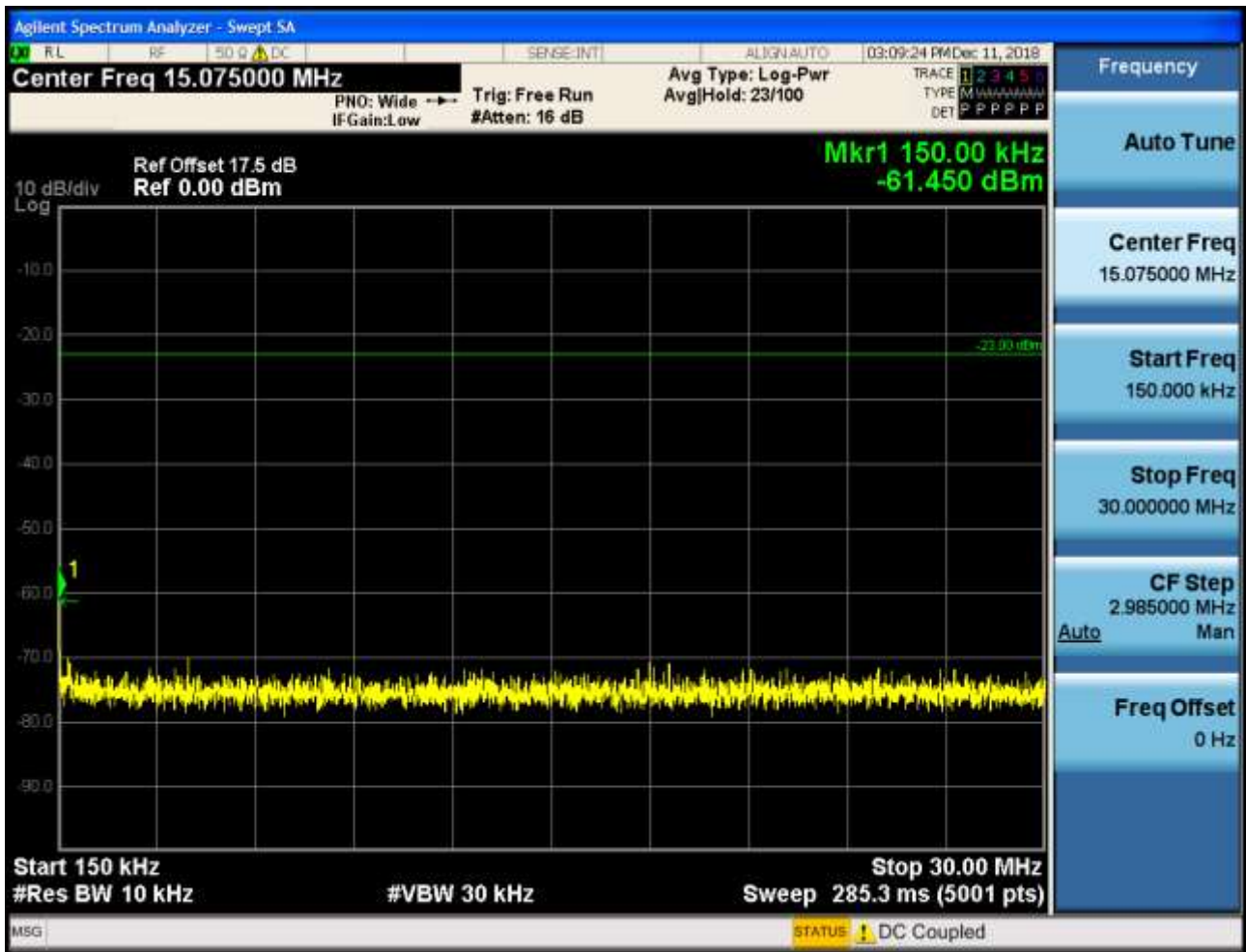
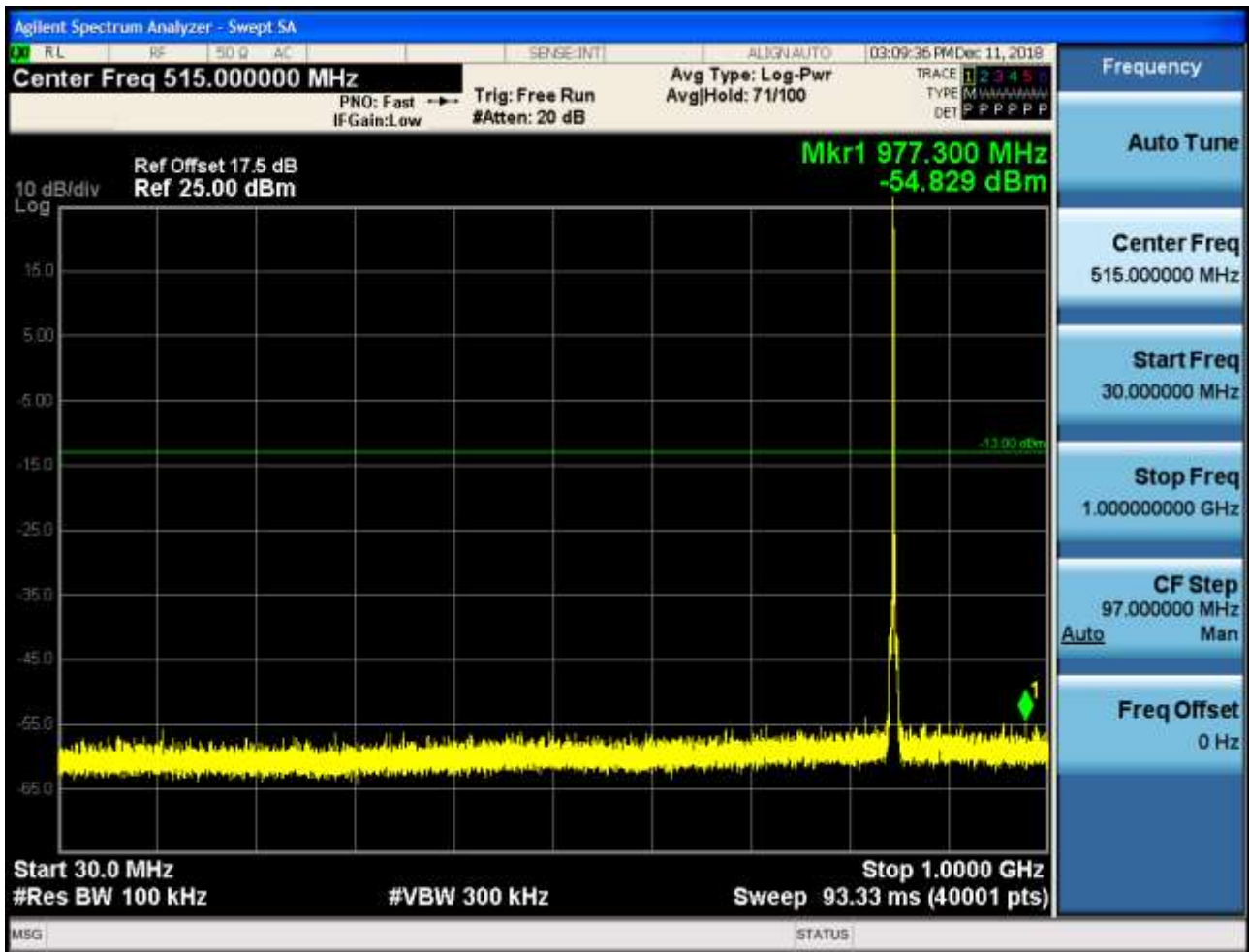


## 6.1.1.1.1.3 Test Channel = HCH

## 6.1.1.1.1.3.1 Test RB = RB1#0







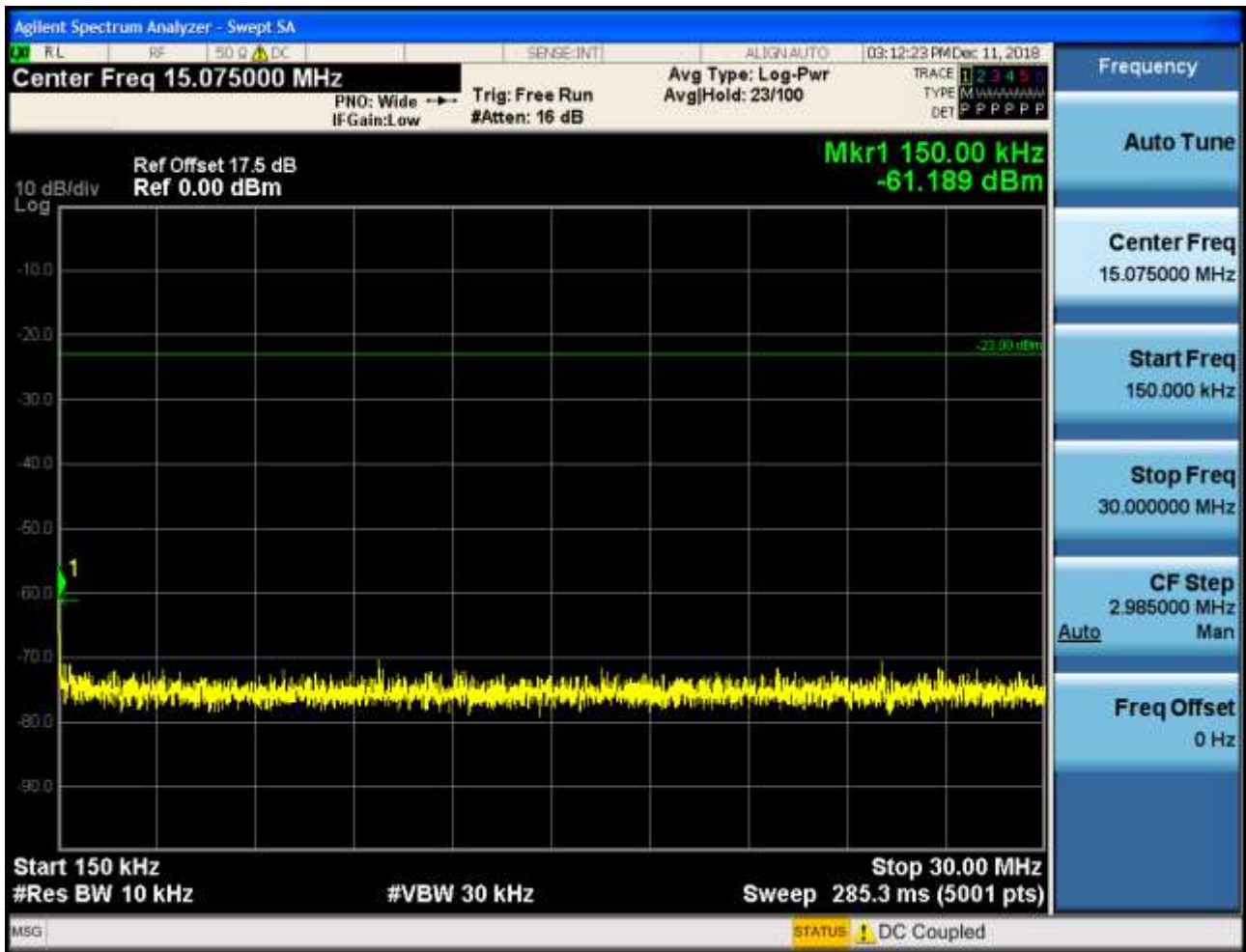


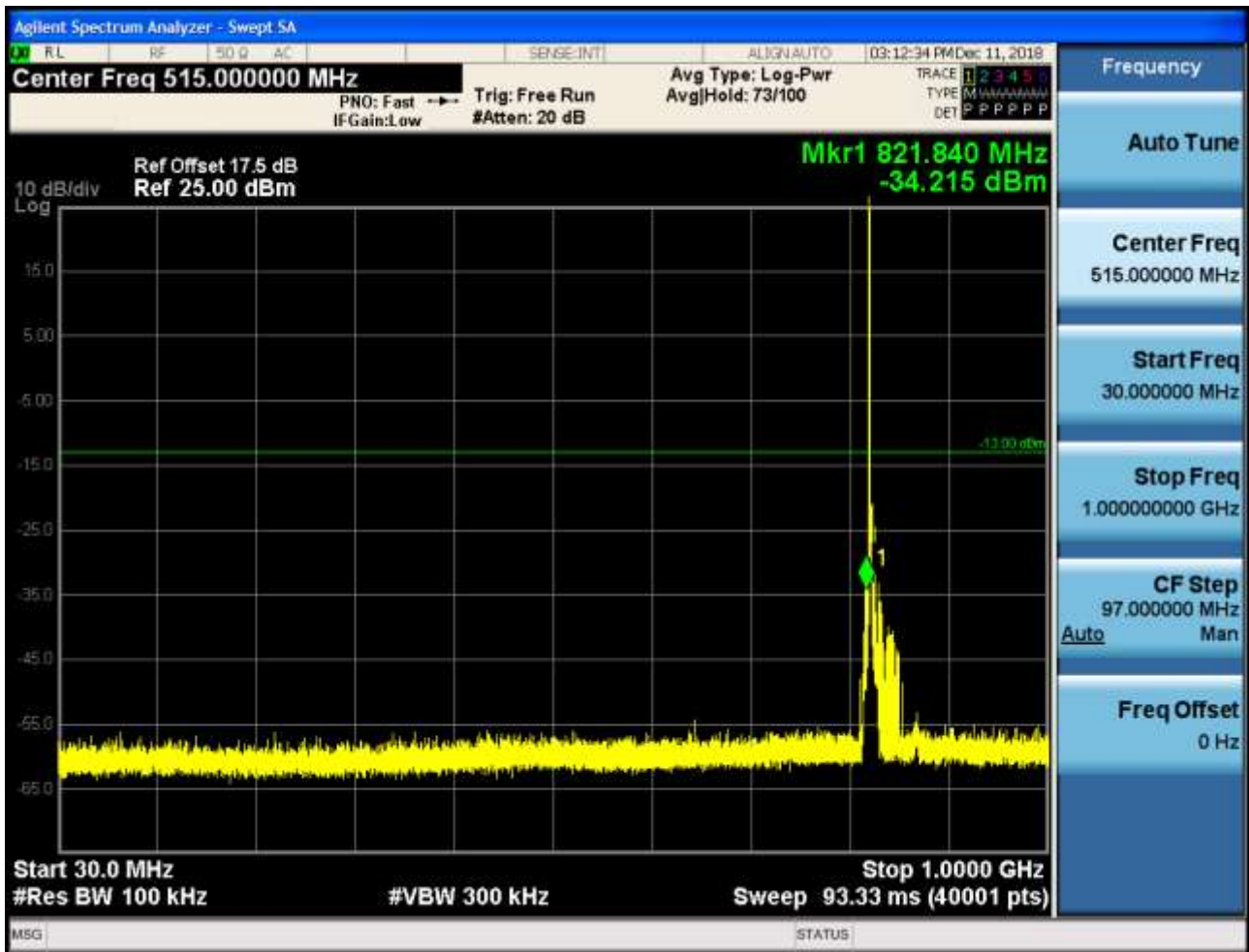
## 6.2.1.1.2 Test Bandwidth = 3

## 6.2.1.1.2.1 Test Channel = LCH

## 6.2.1.1.2.1.1 Test RB = RB1#0







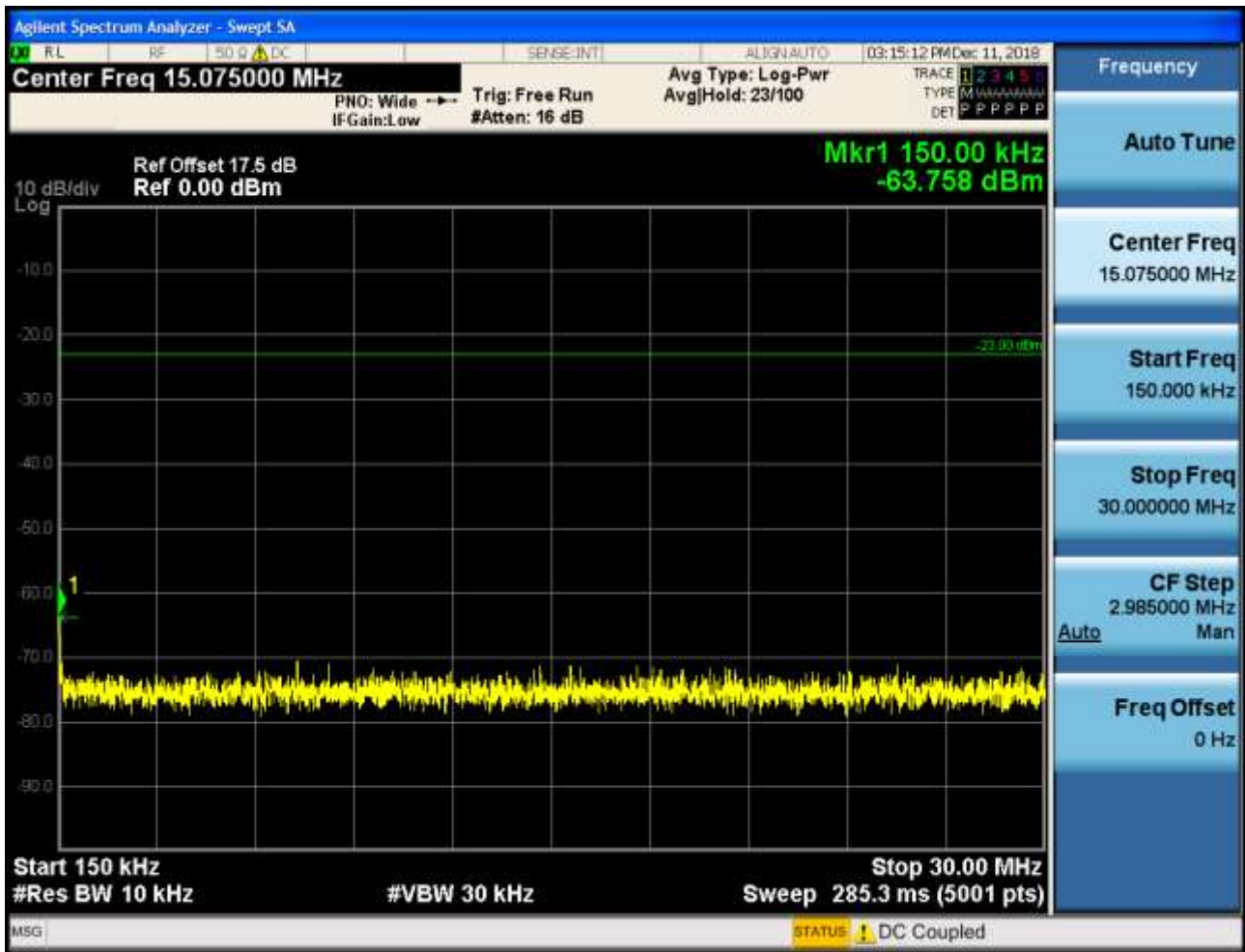


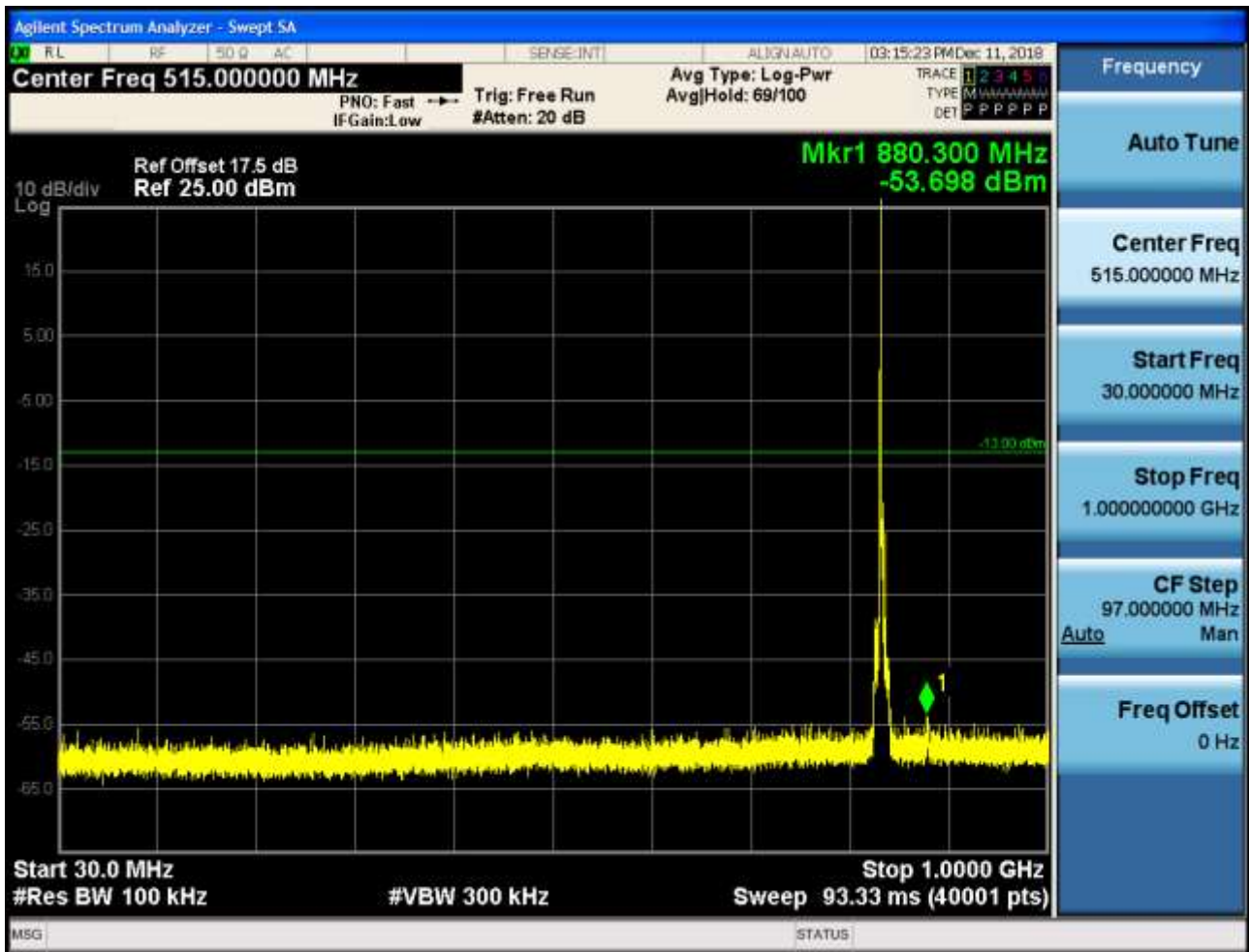


## 6.2.1.1.2.2 Test Channel = MCH

## 6.2.1.1.2.2.1 Test RB = RB1#0







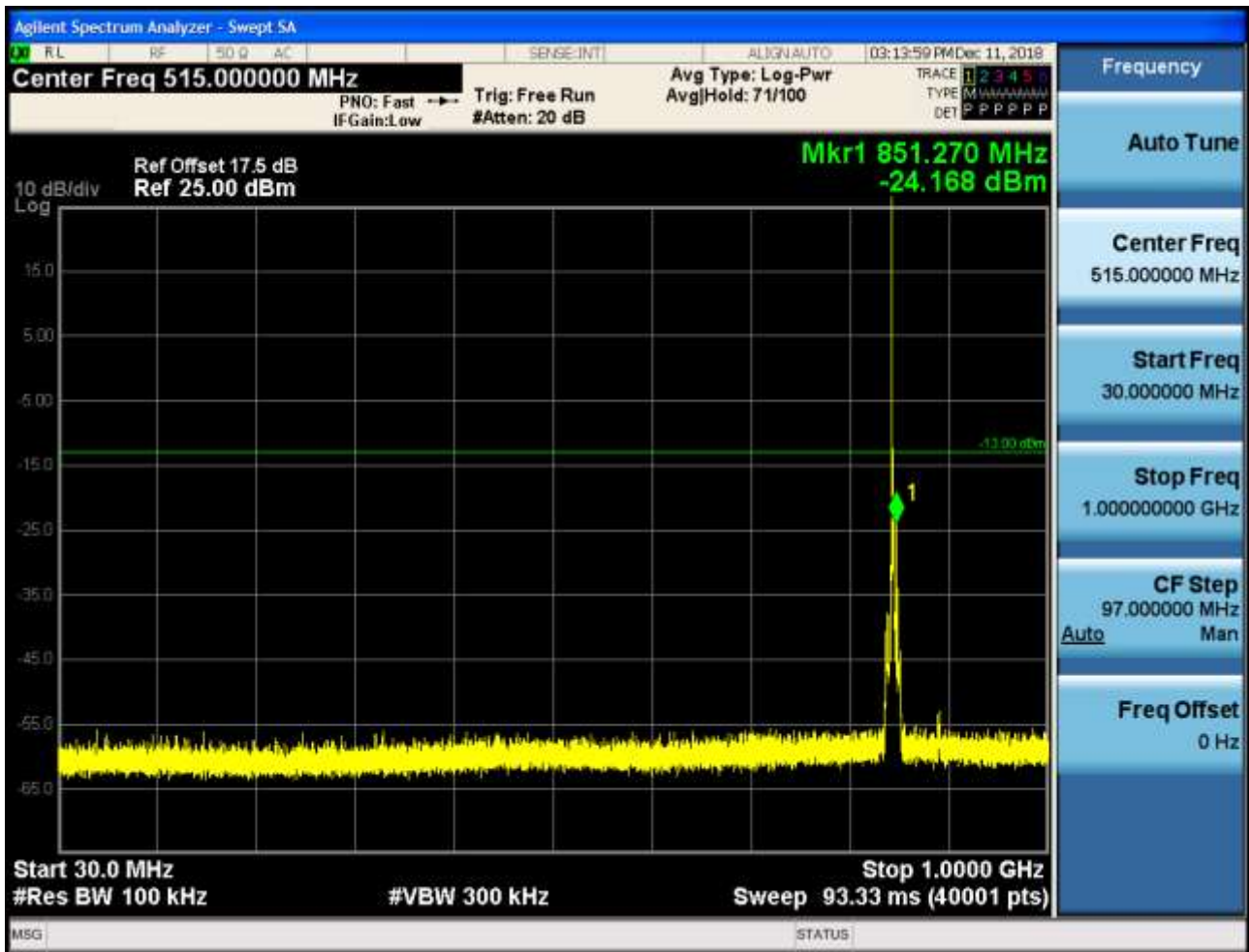


## 6.2.1.1.2.3 Test Channel = HCH

## 6.2.1.1.2.3.1 Test RB = RB1#0











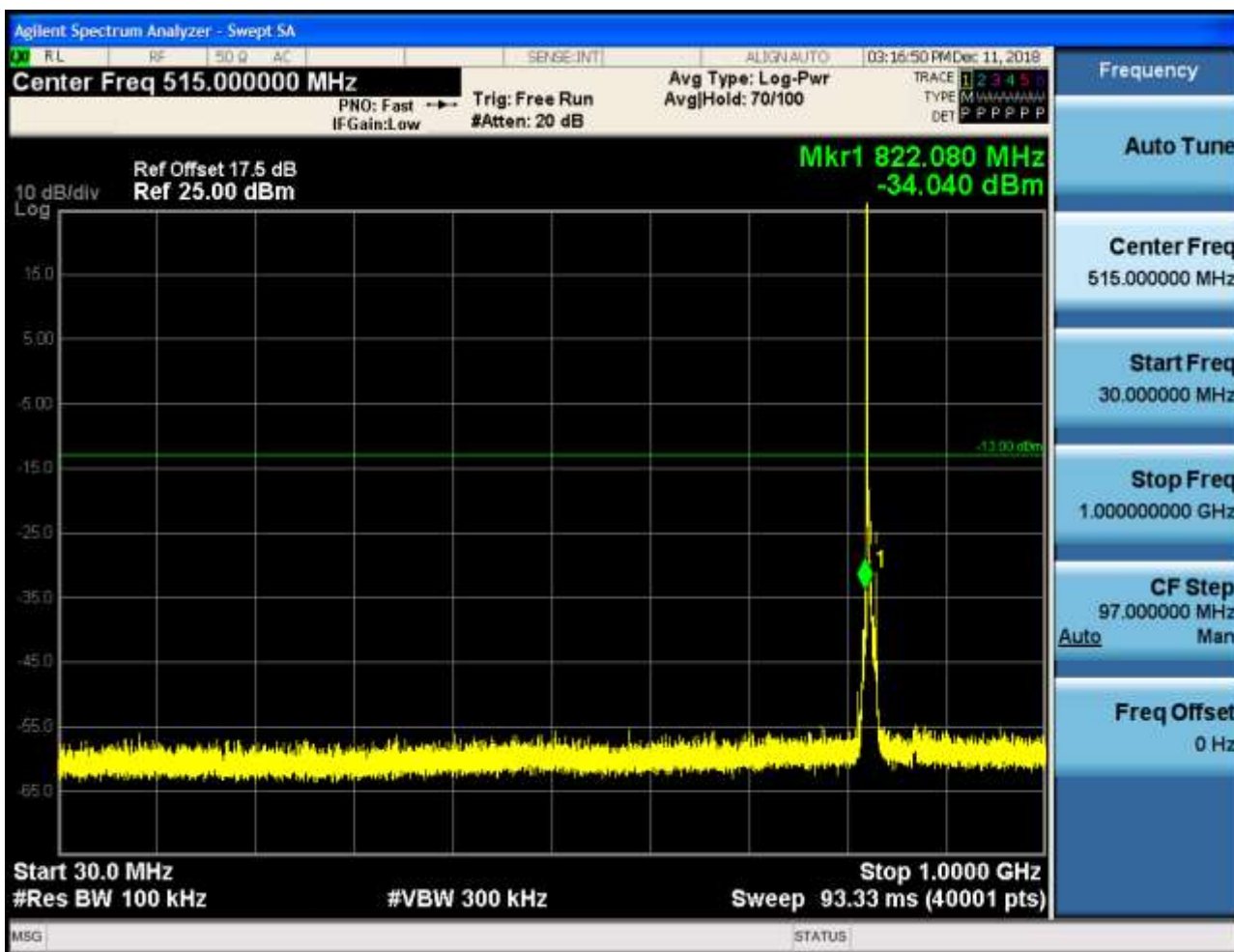
## 6.2.1.1.3 Test Bandwidth = 5

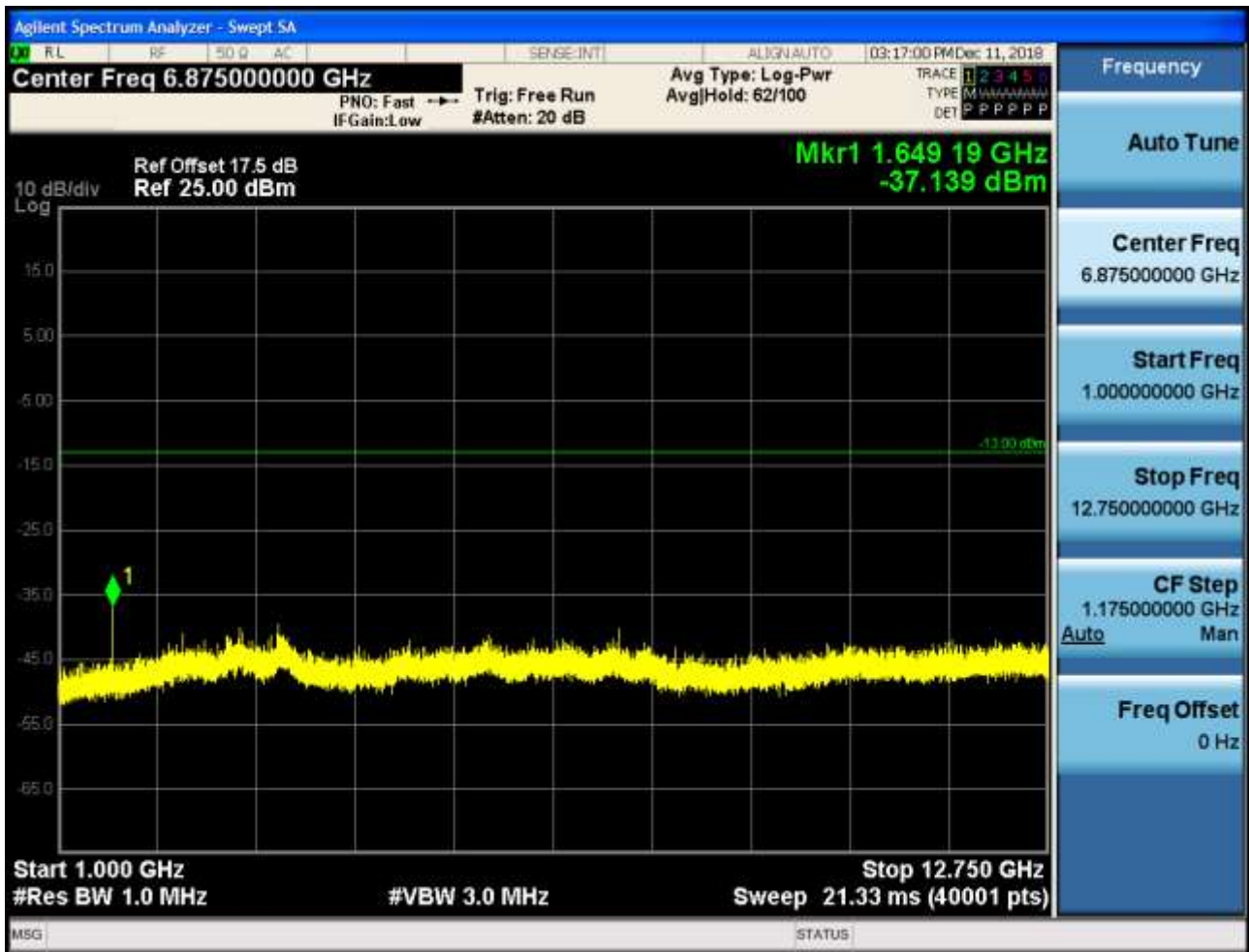
## 6.2.1.1.3.1 Test Channel = LCH

## 6.2.1.1.3.1.1 Test RB = RB1#0



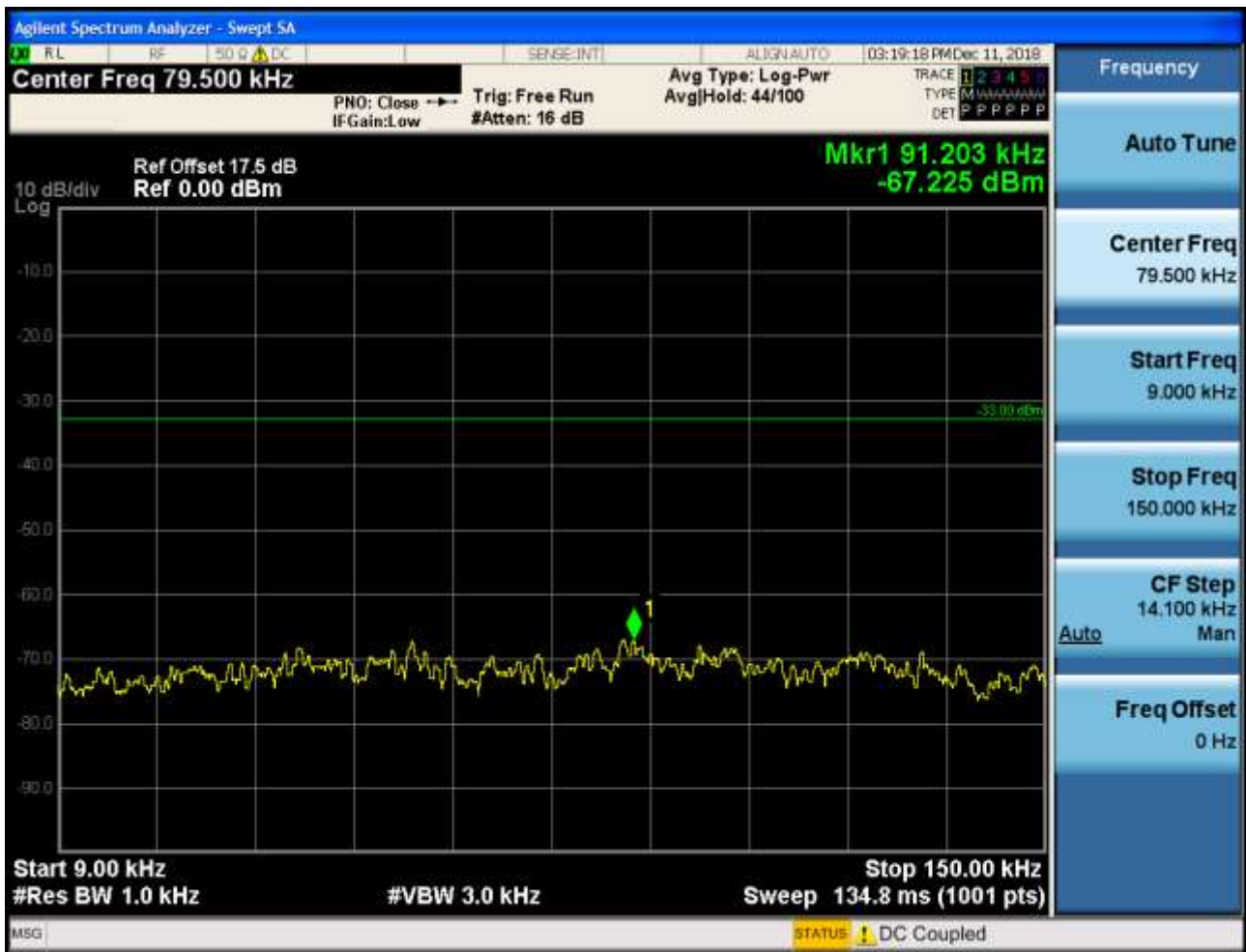


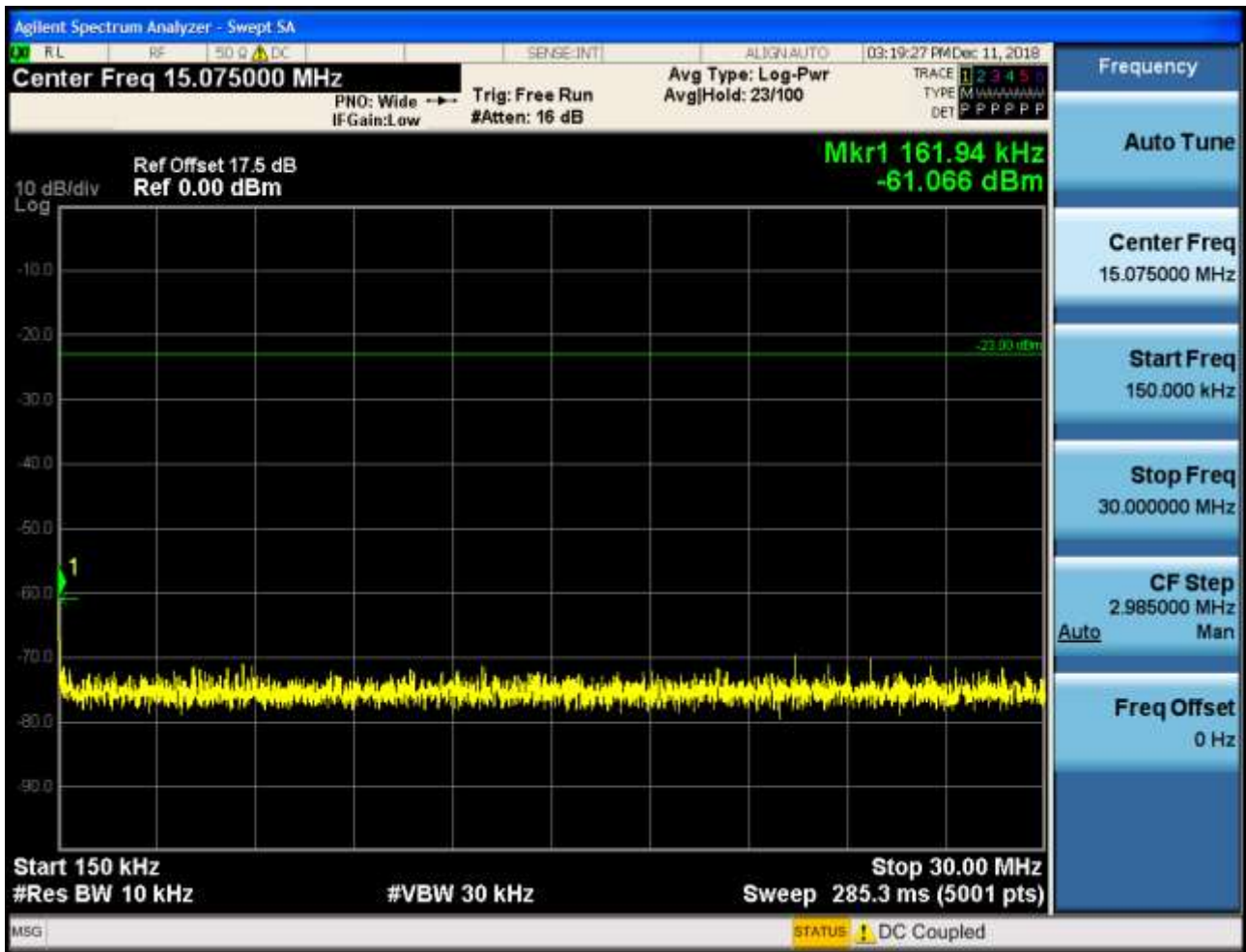


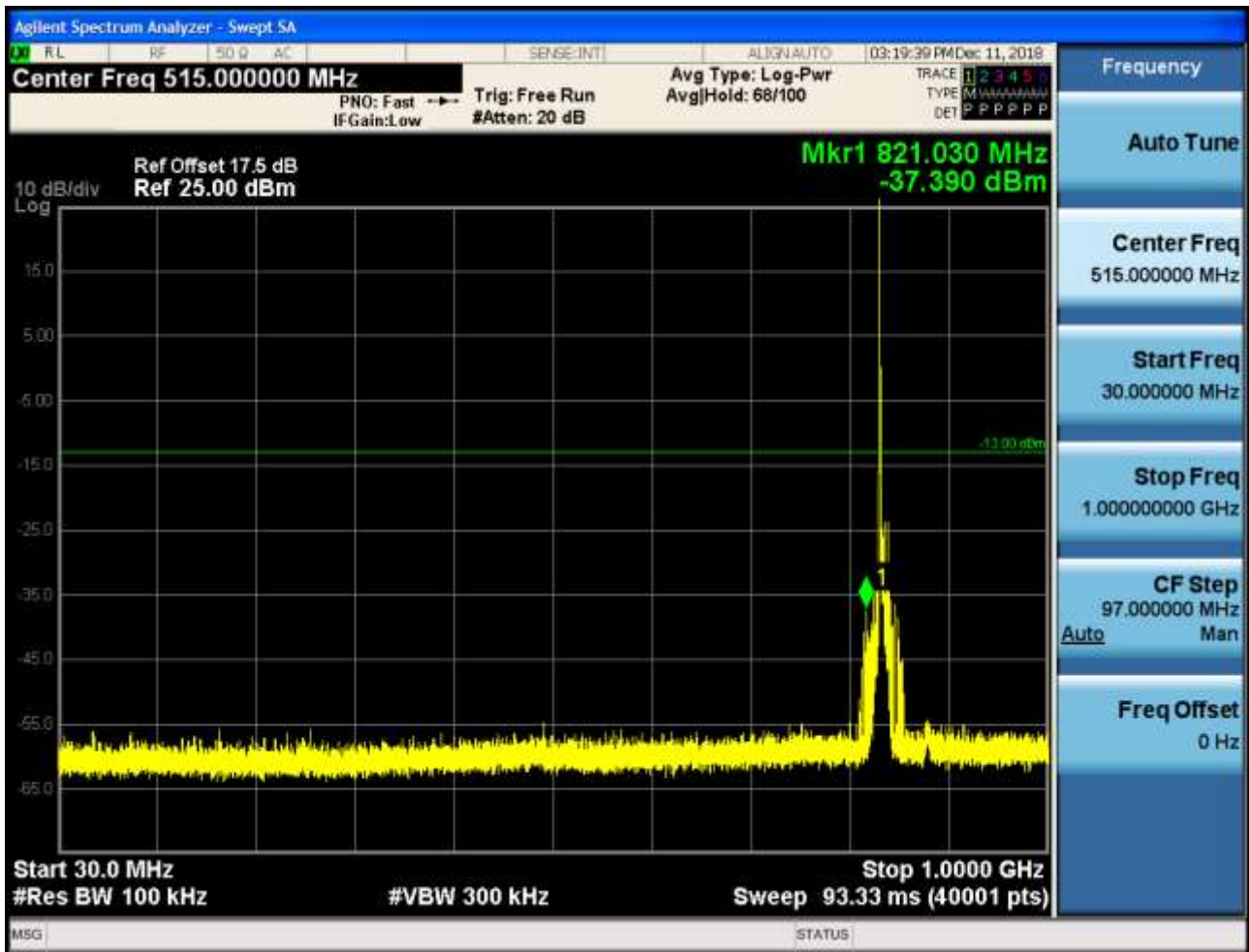


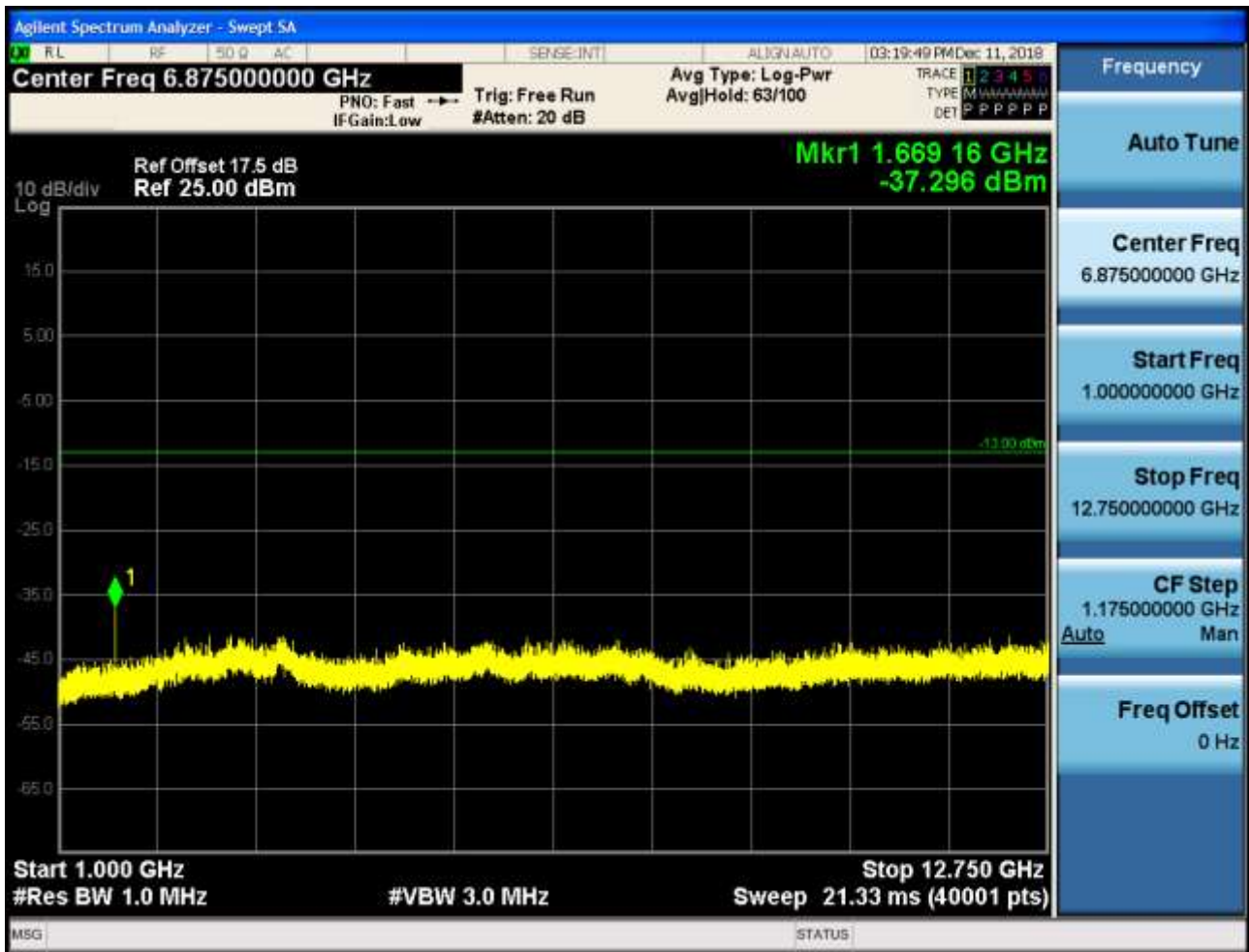
## 6.2.1.1.3.2 Test Channel = MCH

## 6.2.1.1.3.2.1 Test RB = RB1#0







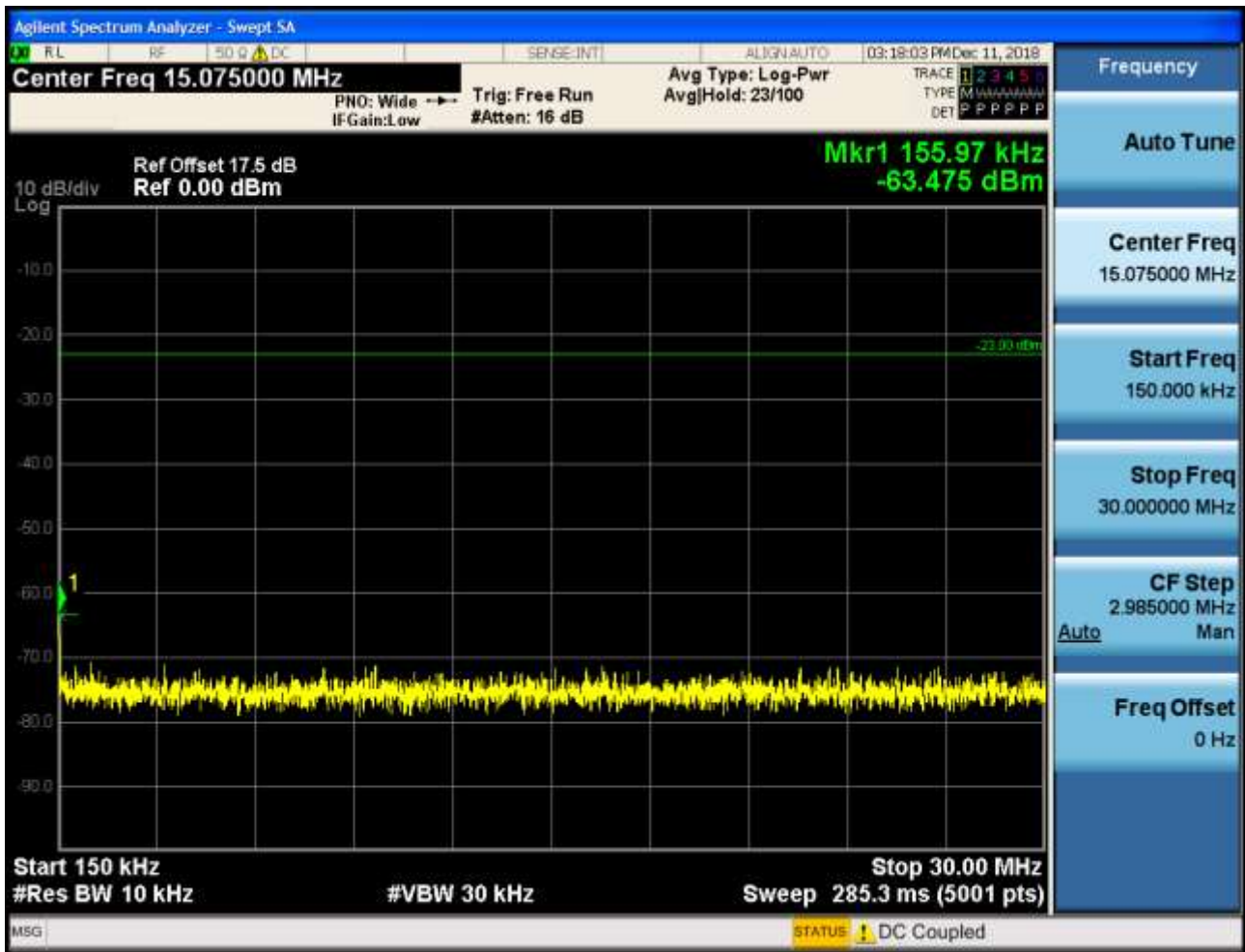


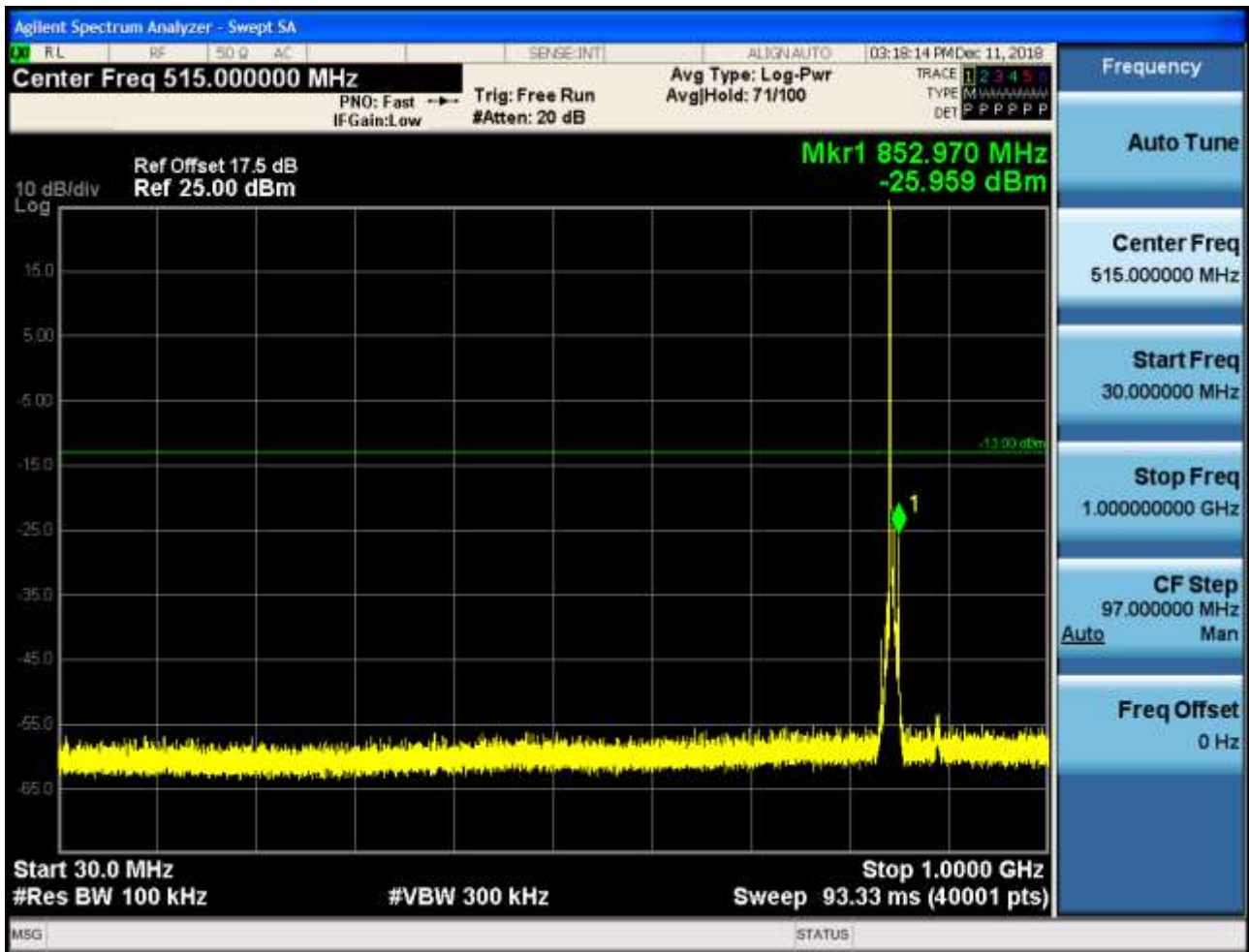


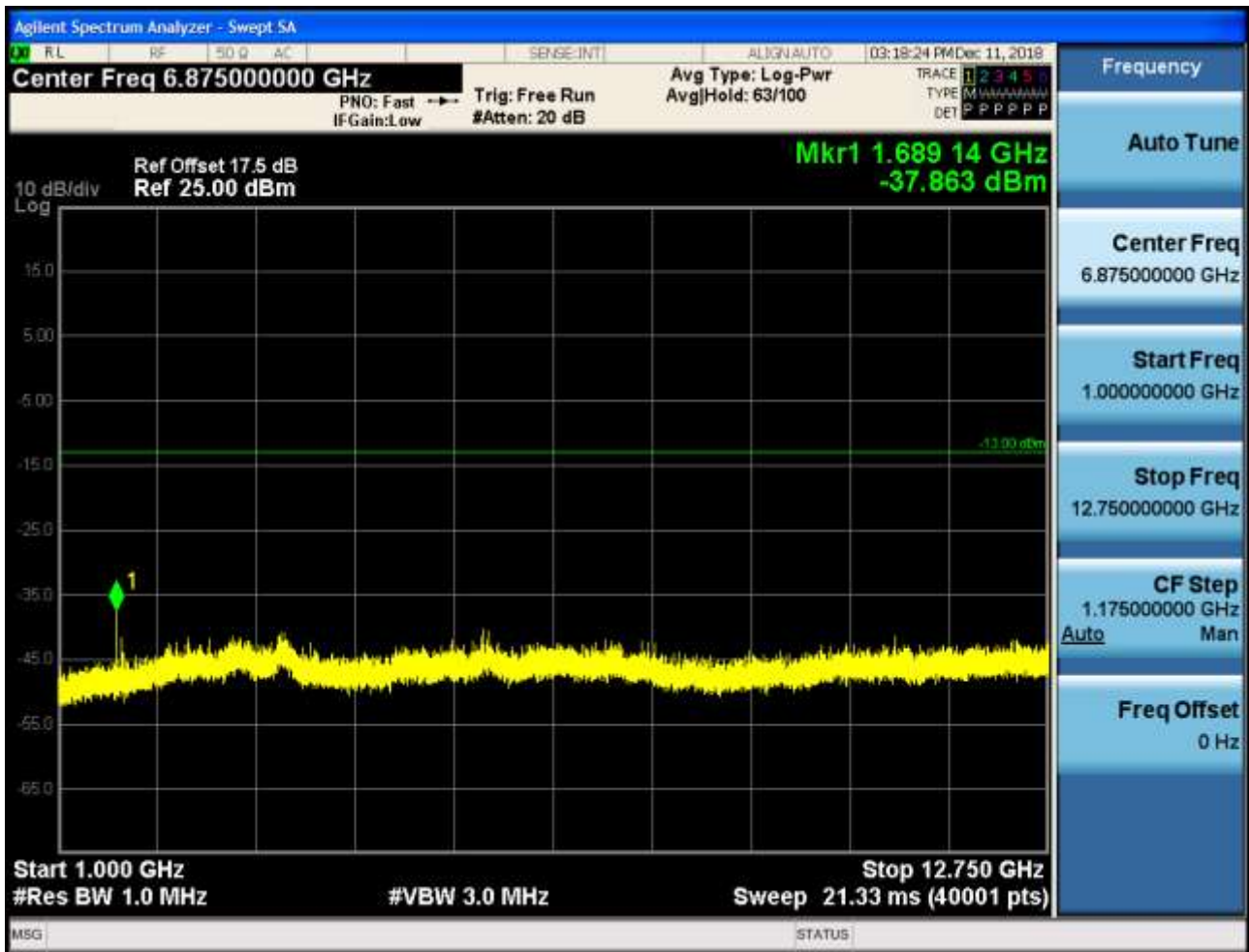
### 6.2.1.1.3.3 Test Channel = HCH

#### 6.2.1.1.3.3.1 Test RB = RB1#0







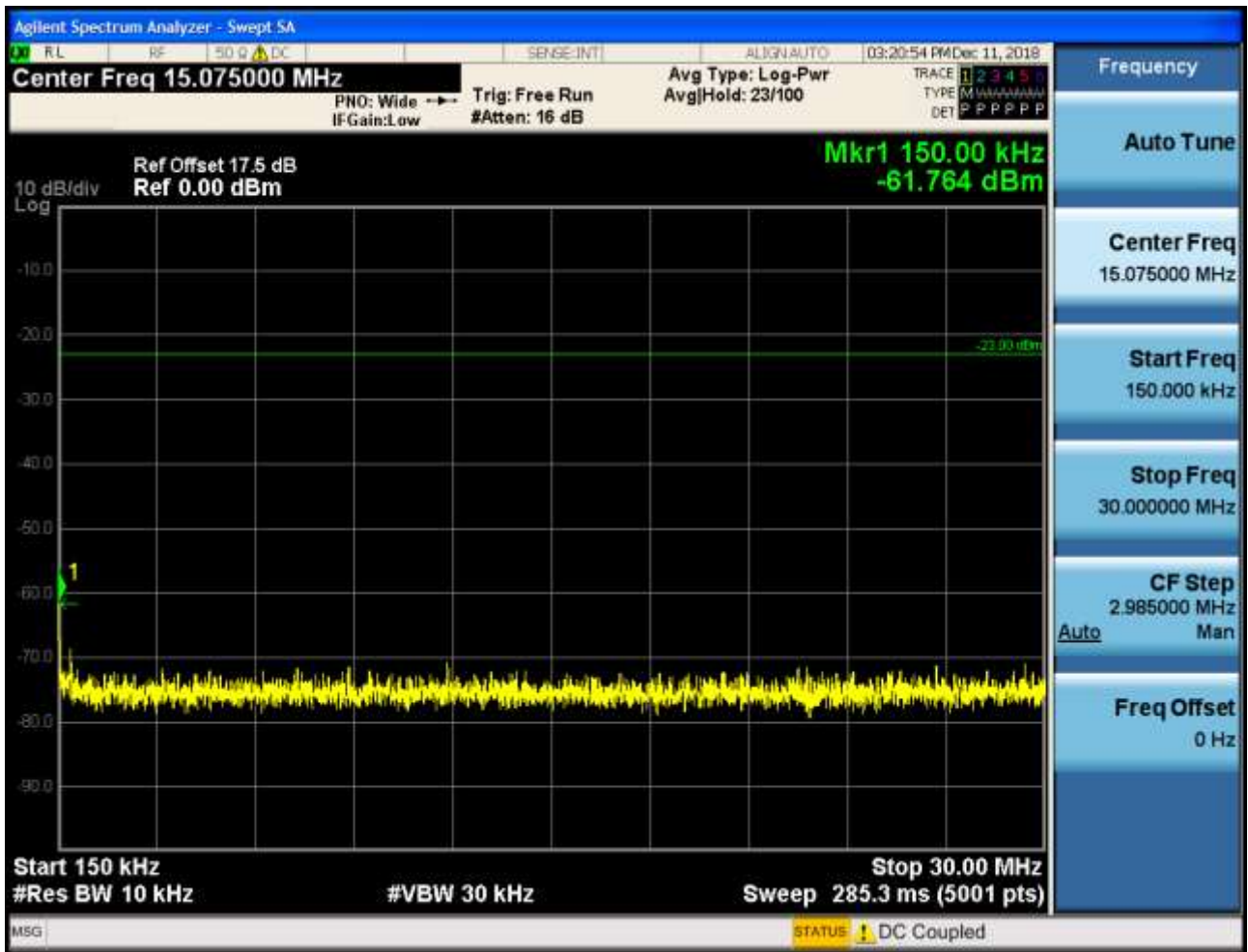


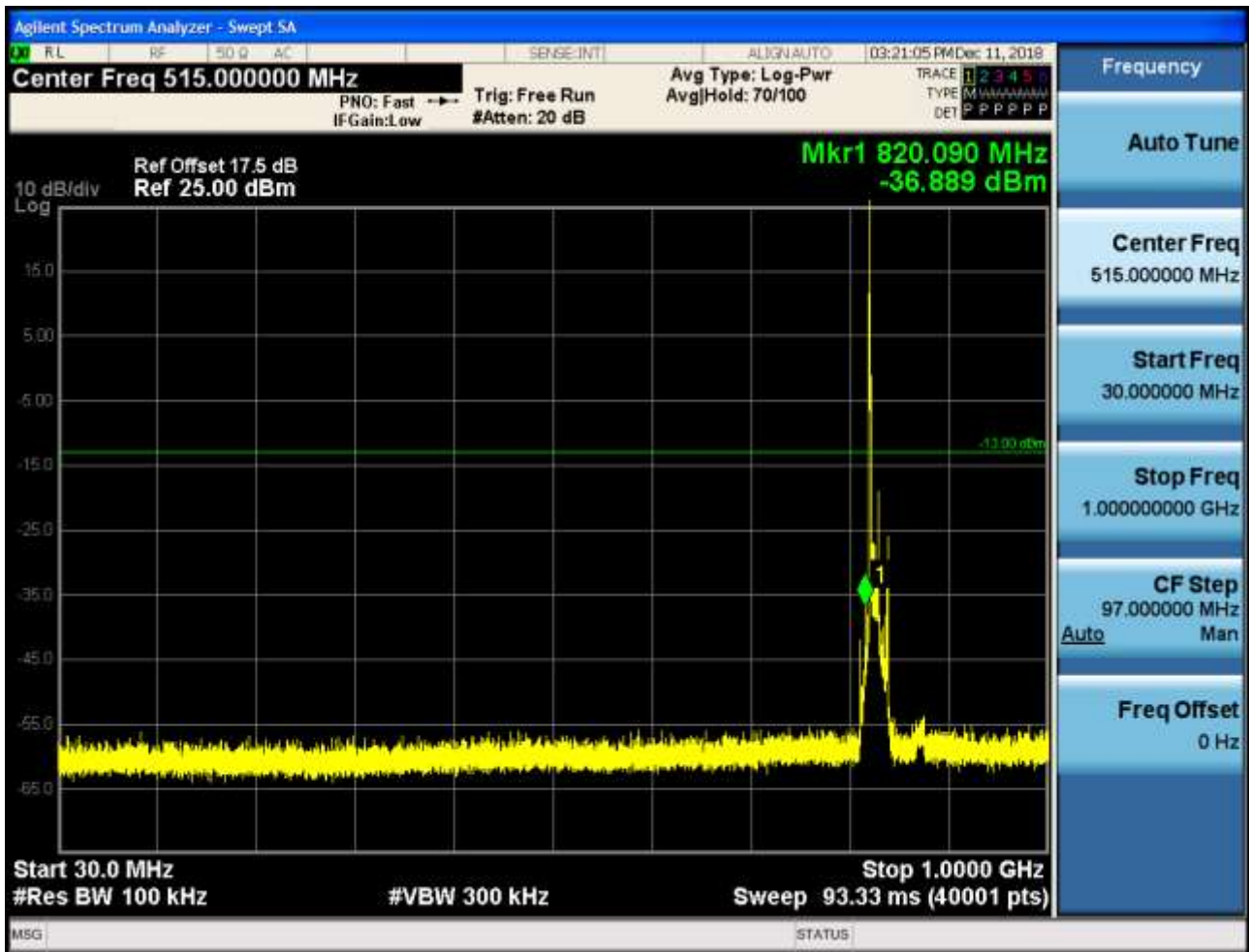
## 6.2.1.1.4 Test Bandwidth = 10

## 6.2.1.1.4.1 Test Channel = LCH

## 6.2.1.1.4.1.1 Test RB = RB1#0







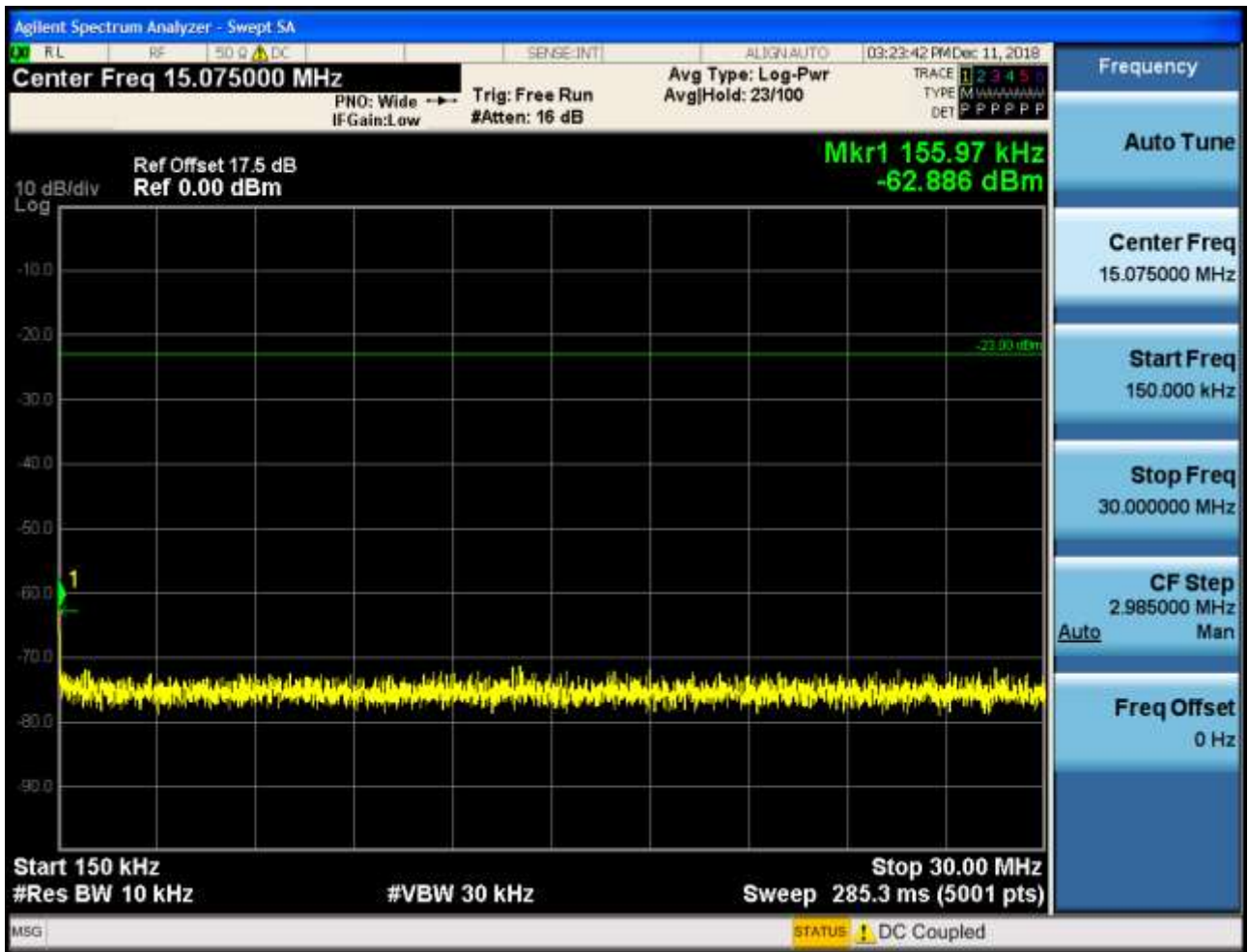


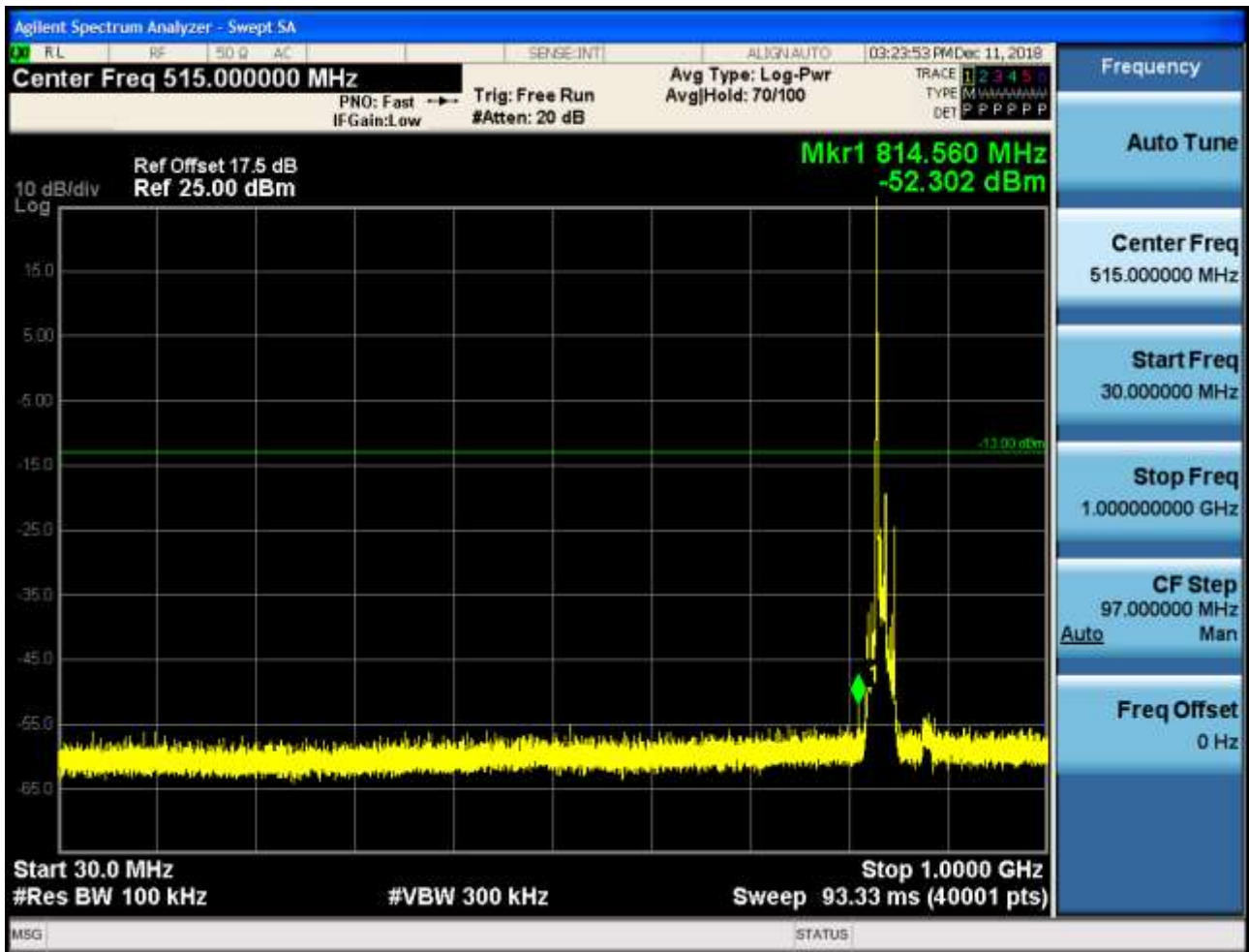


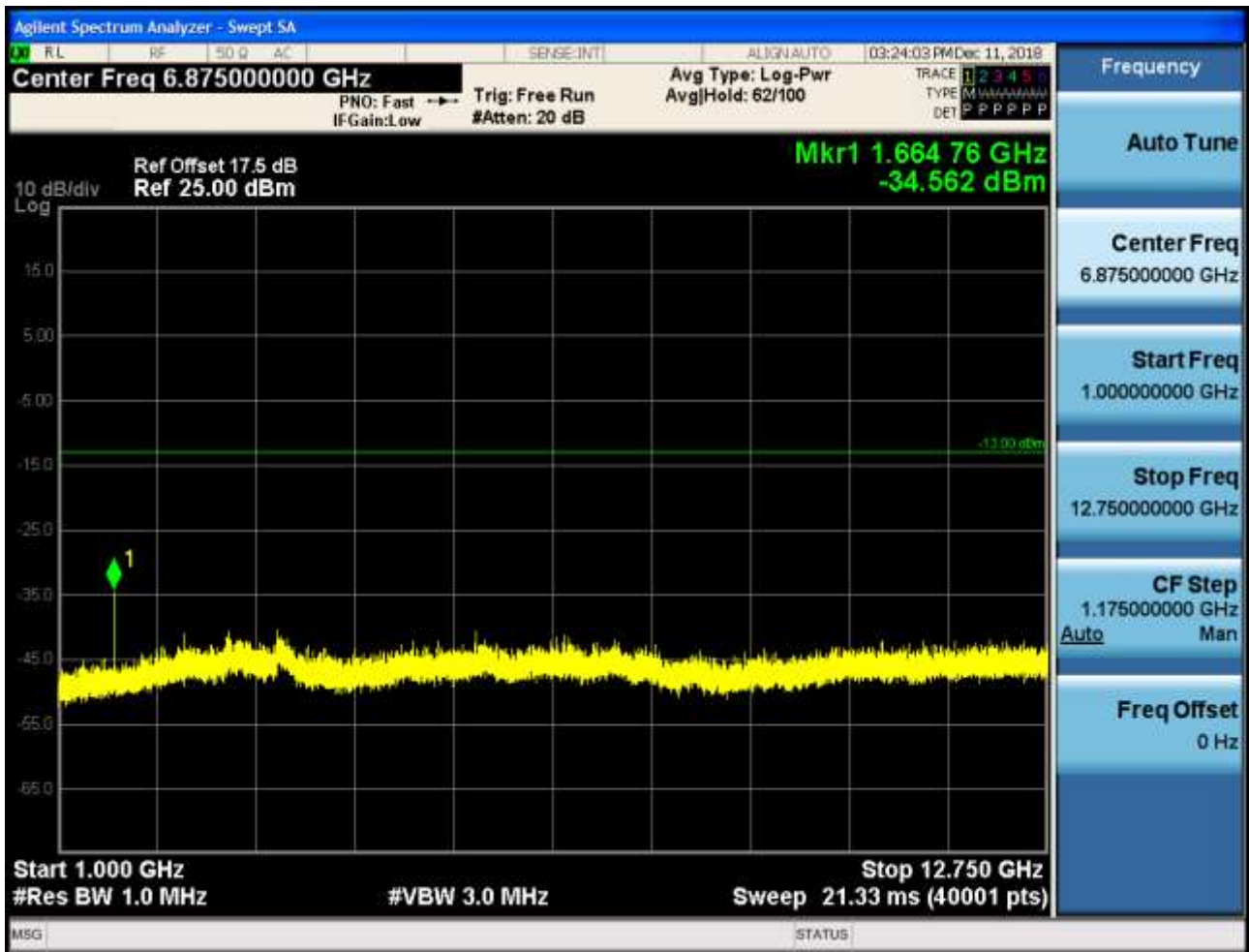
## 6.2.1.1.4.2 Test Channel = MCH

## 6.2.1.1.4.2.1 Test RB = RB1#0





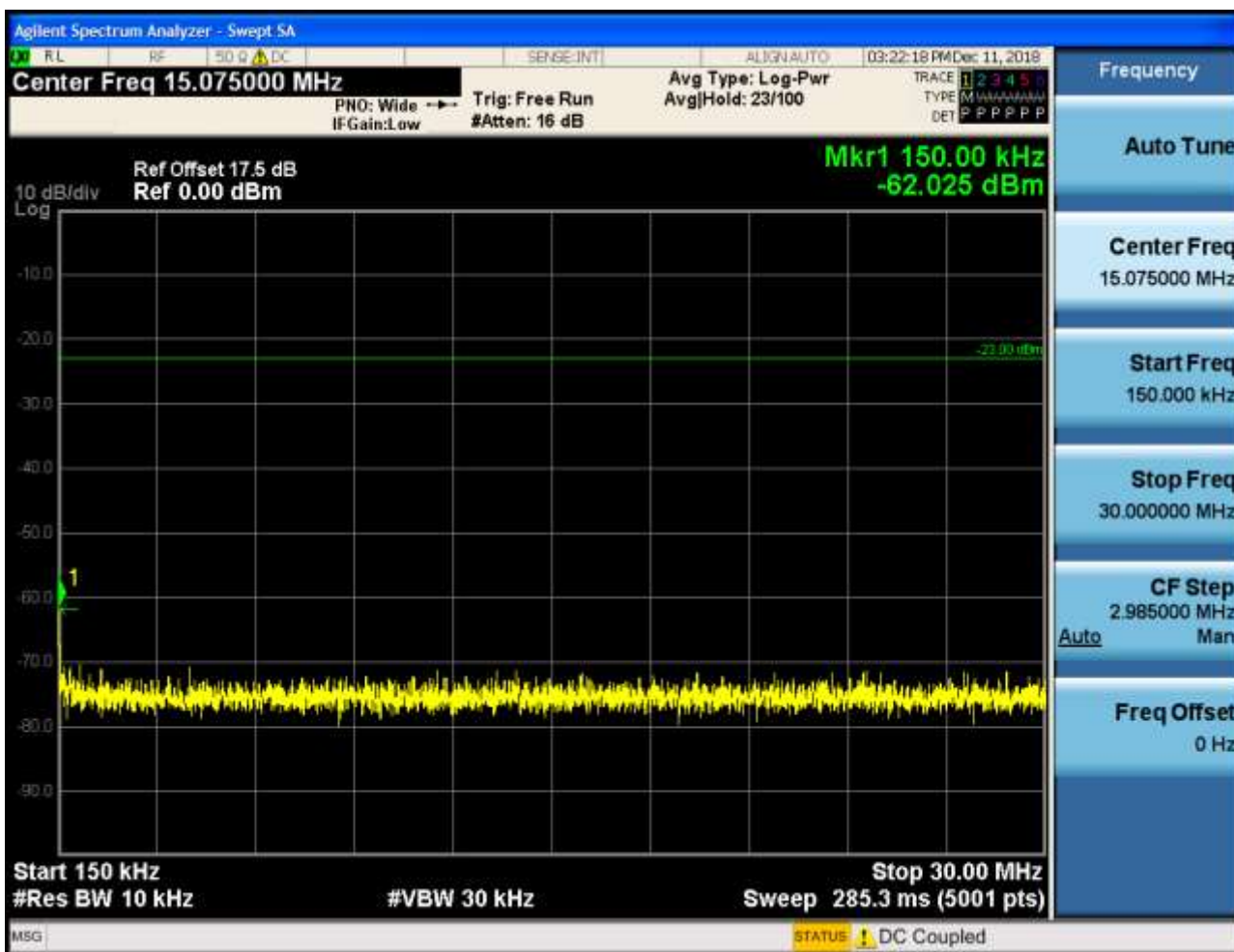


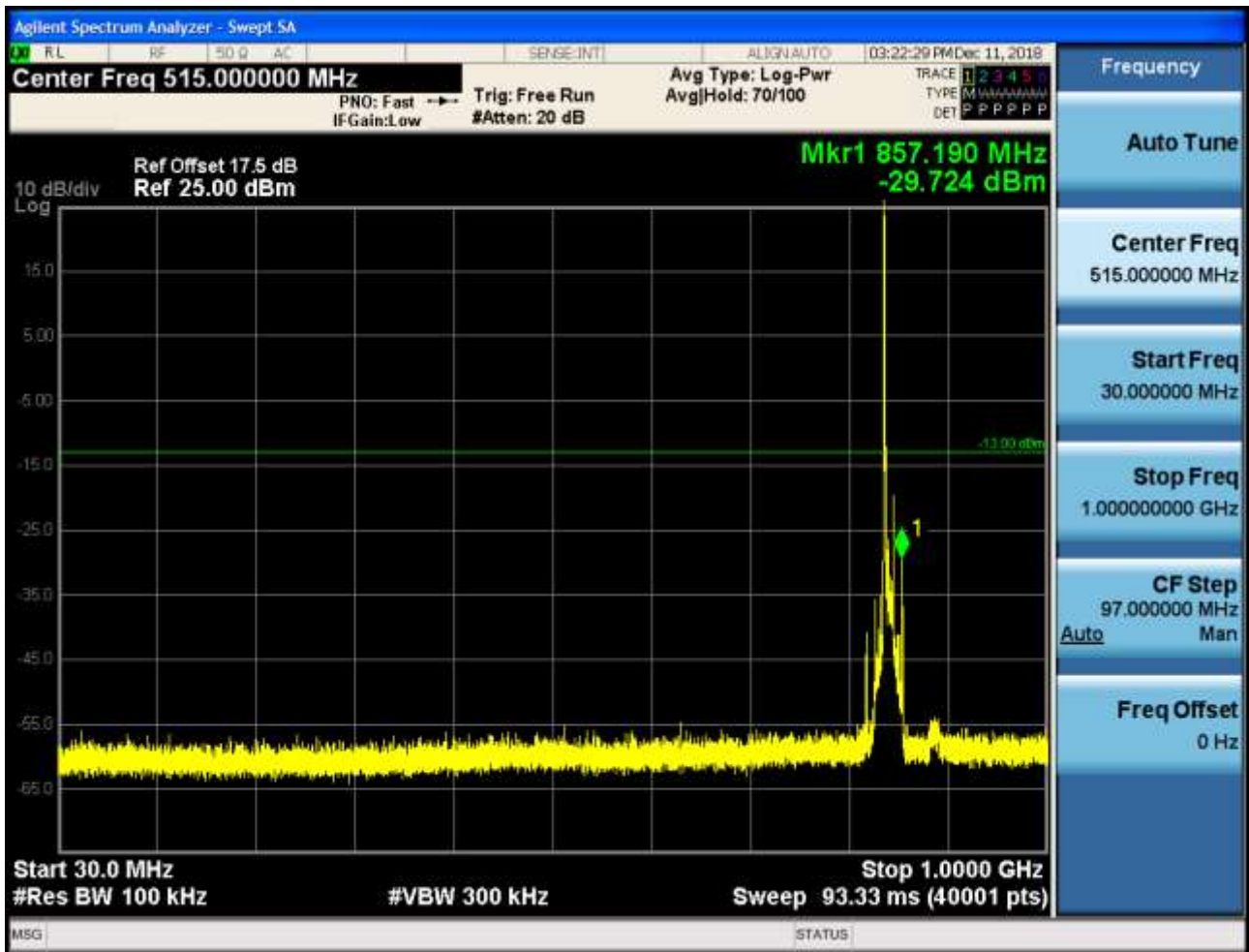


## 6.2.1.1.4.3 Test Channel = HCH

## 6.2.1.1.4.3.1 Test RB = RB1#0











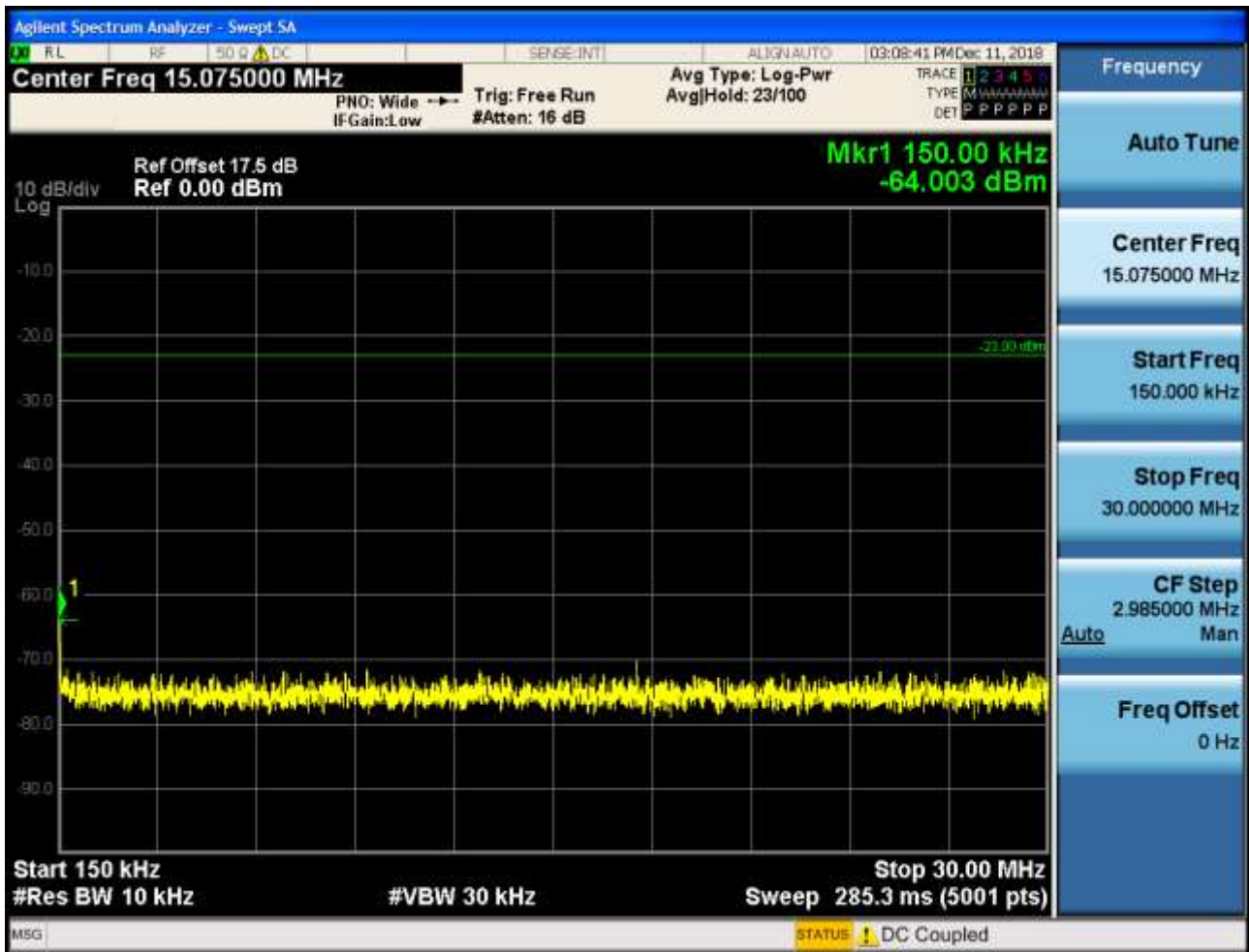
## 6.2.1.2 Test Mode = LTE/TM2

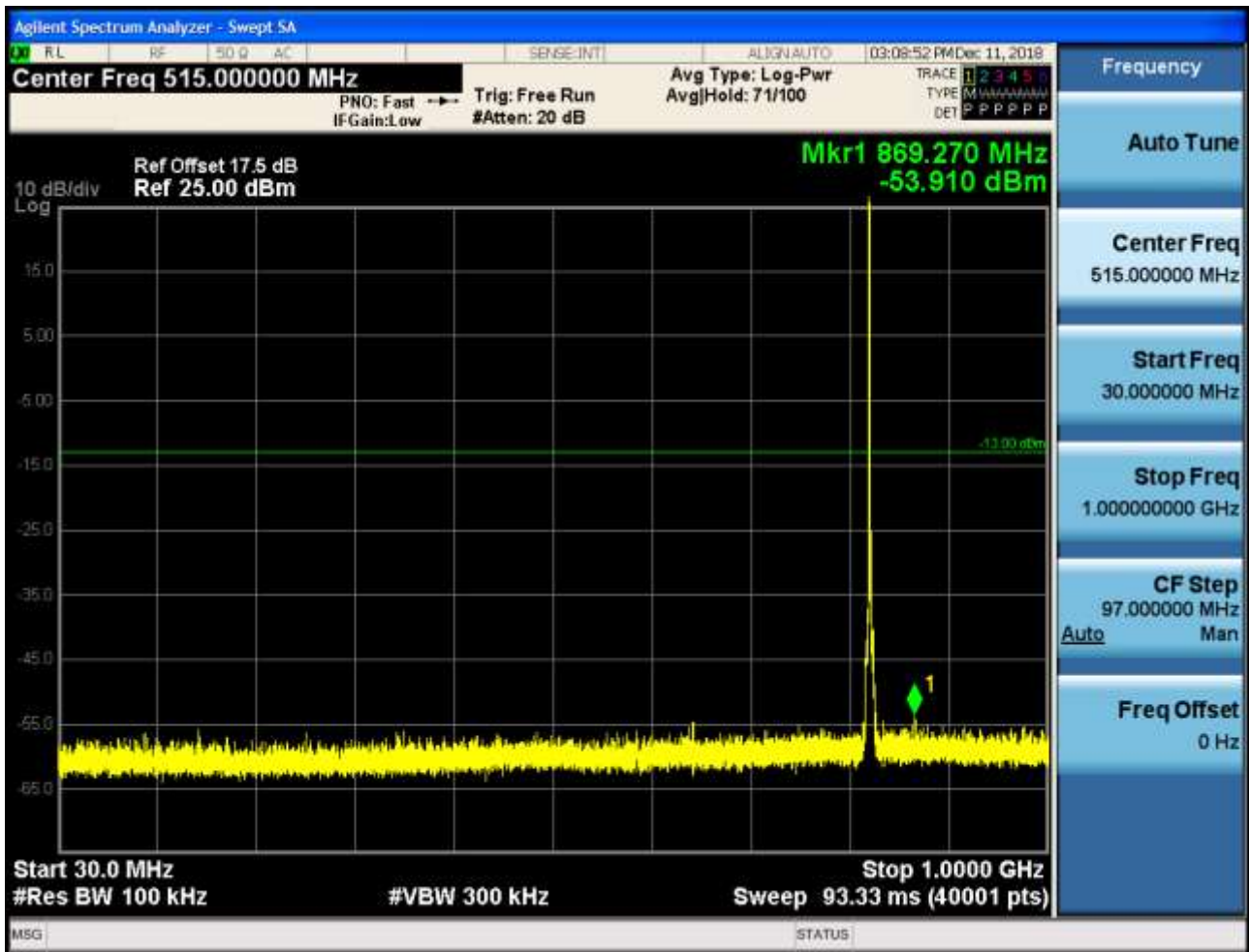
## 6.2.1.2.1 Test Bandwidth = 1.4

## 6.2.1.2.1.1 Test Channel = LCH

## 6.2.1.2.1.1.1 Test RB = RB1#0





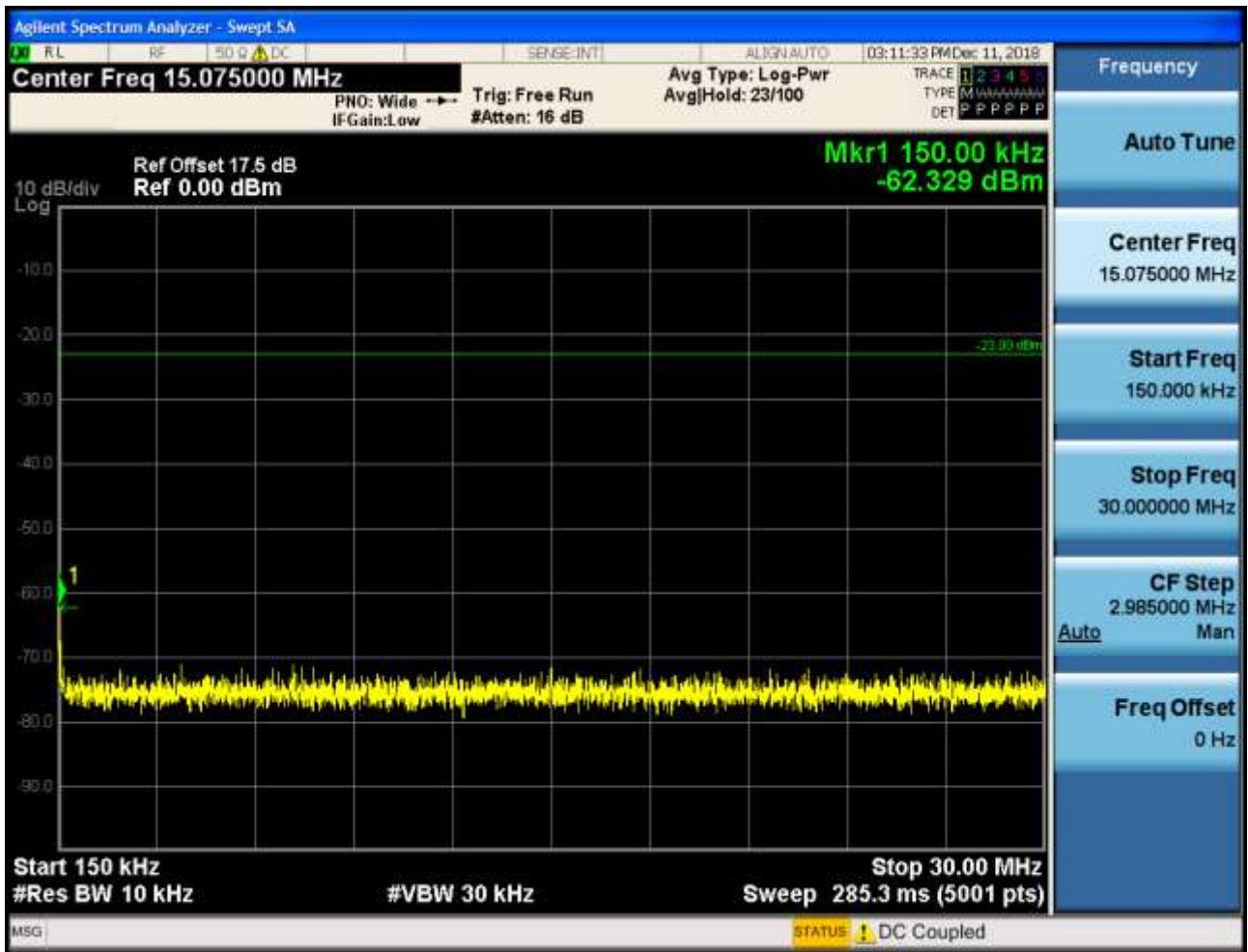


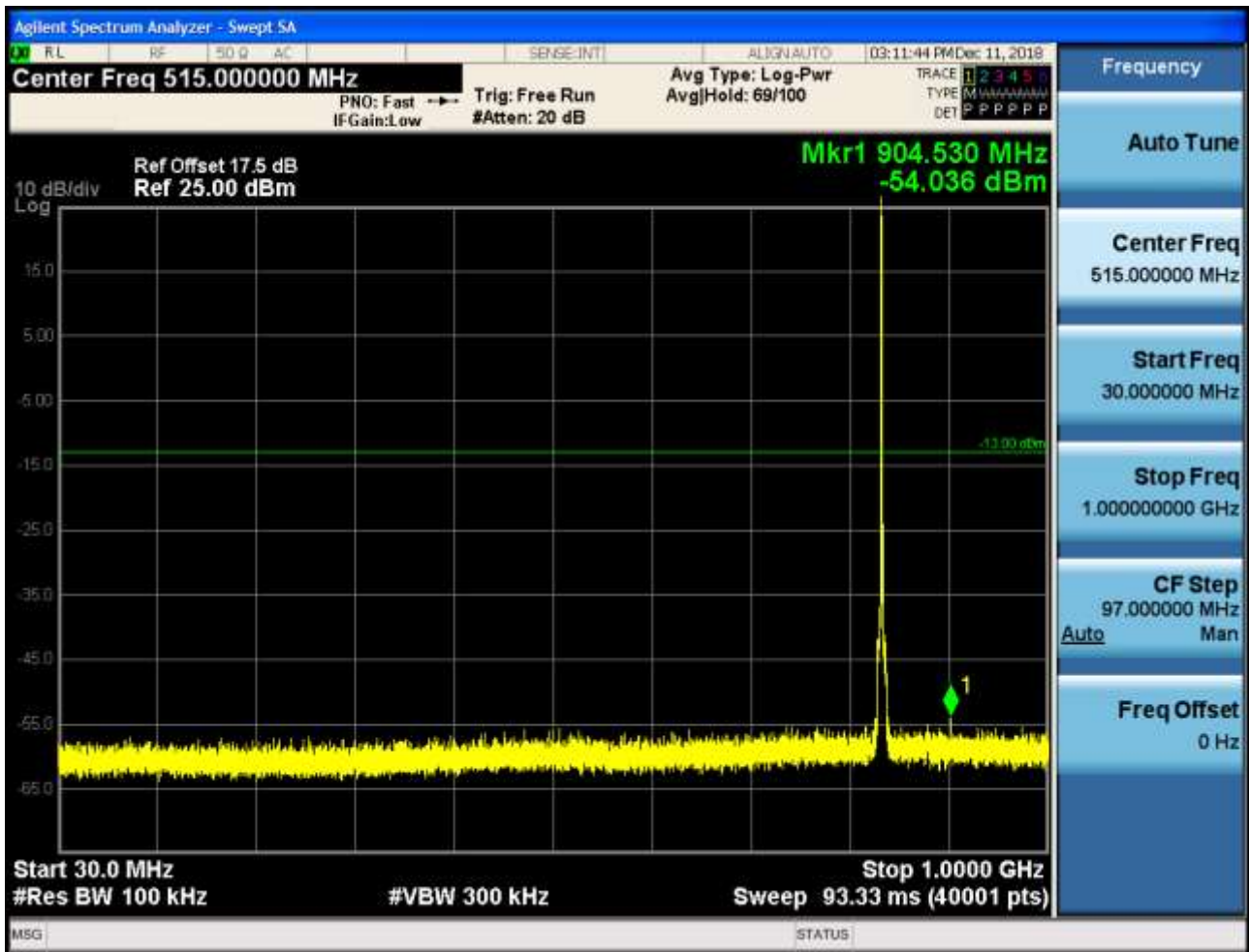


## 6.2.1.2.1.2 Test Channel = MCH

## 6.2.1.2.1.2.1 Test RB = RB1#0







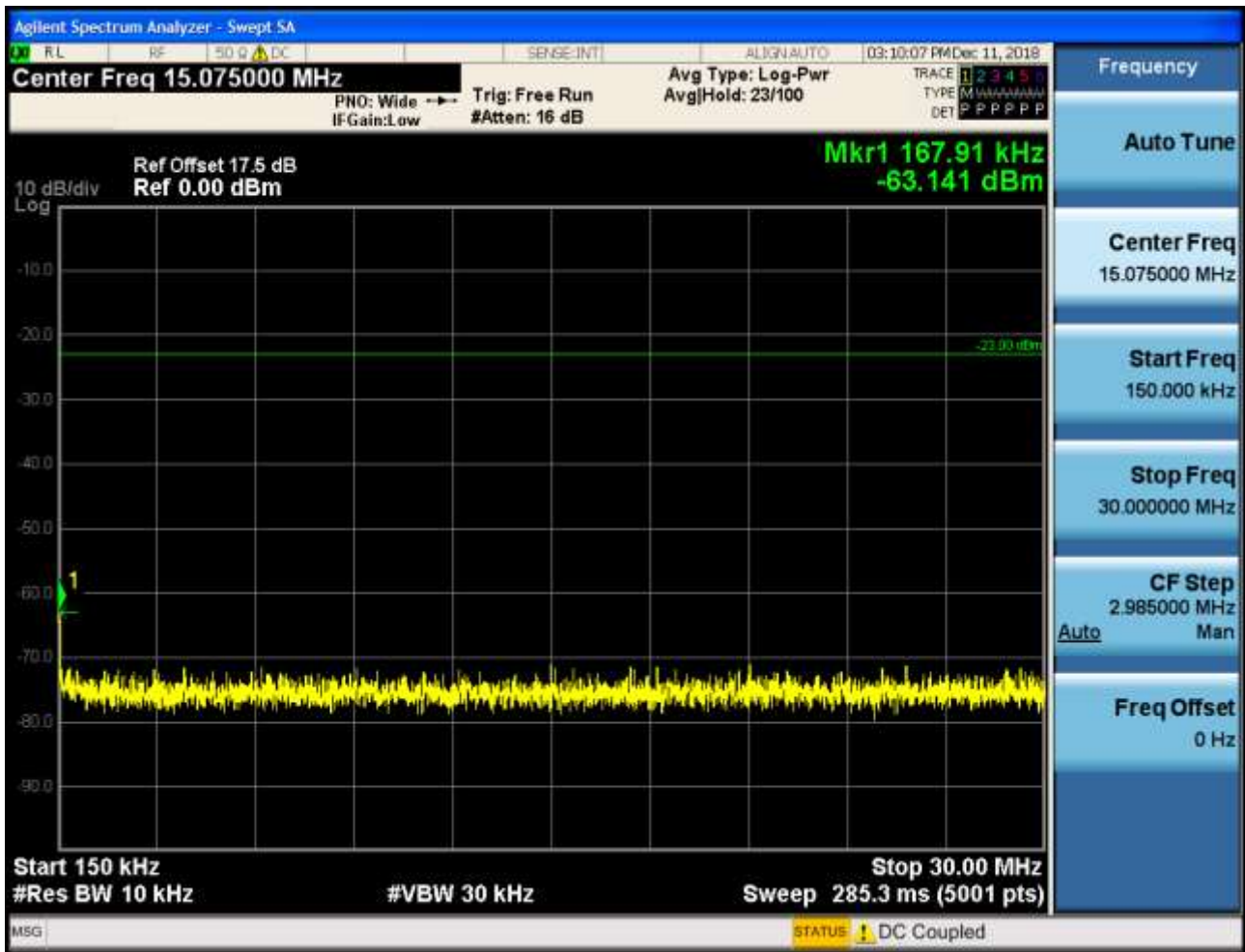


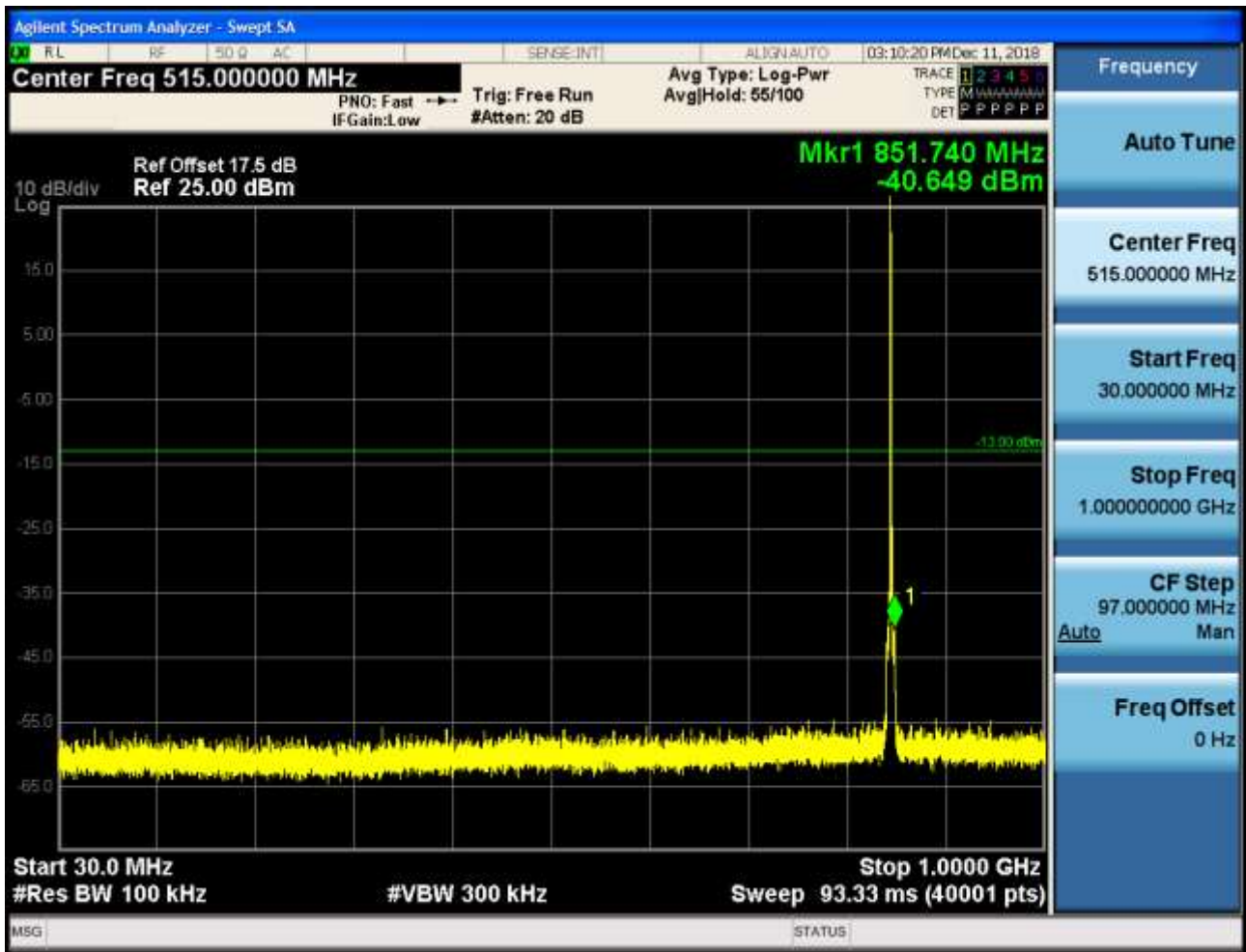


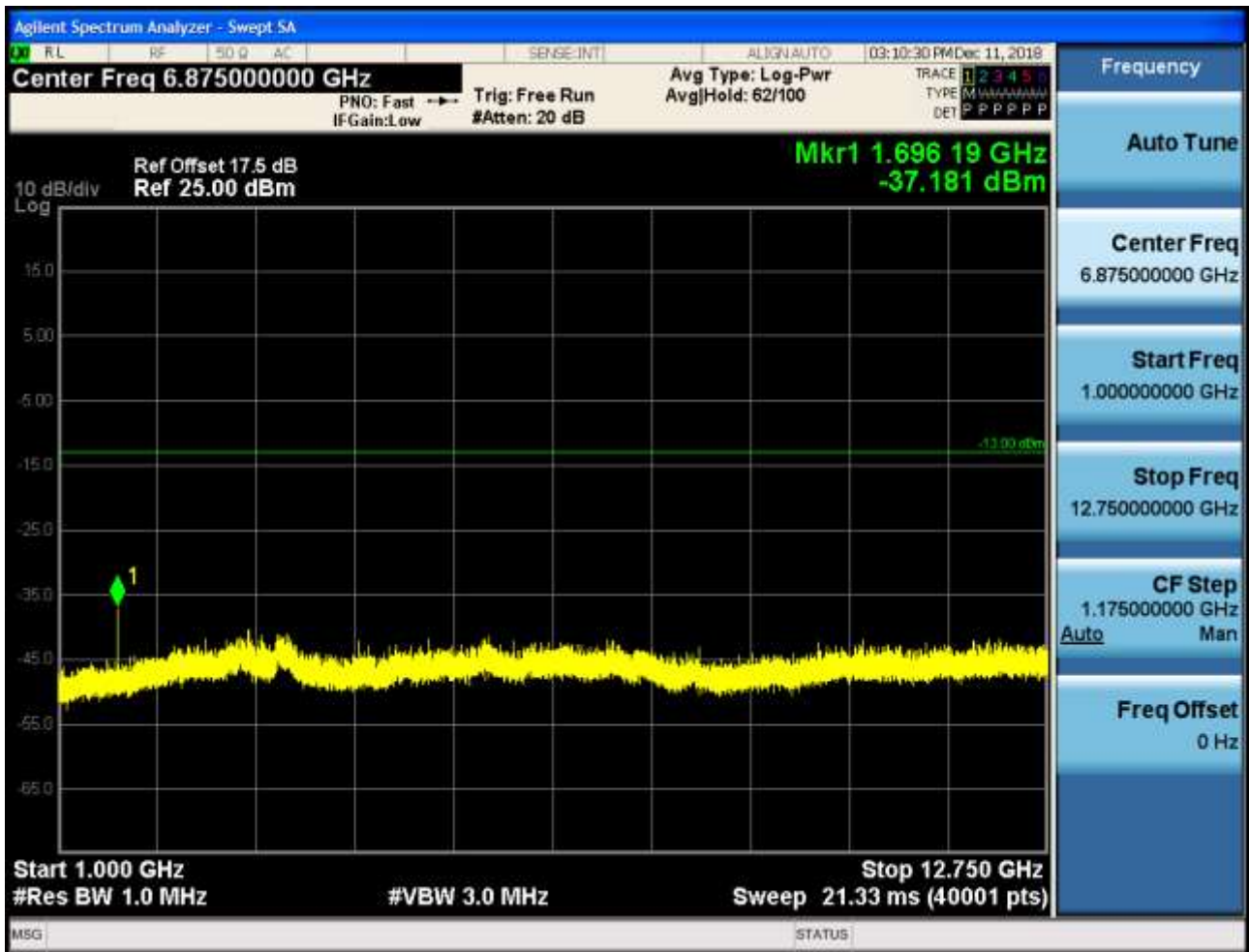
## 6.2.1.2.1.3 Test Channel = HCH

## 6.2.1.2.1.3.1 Test RB = RB1#0







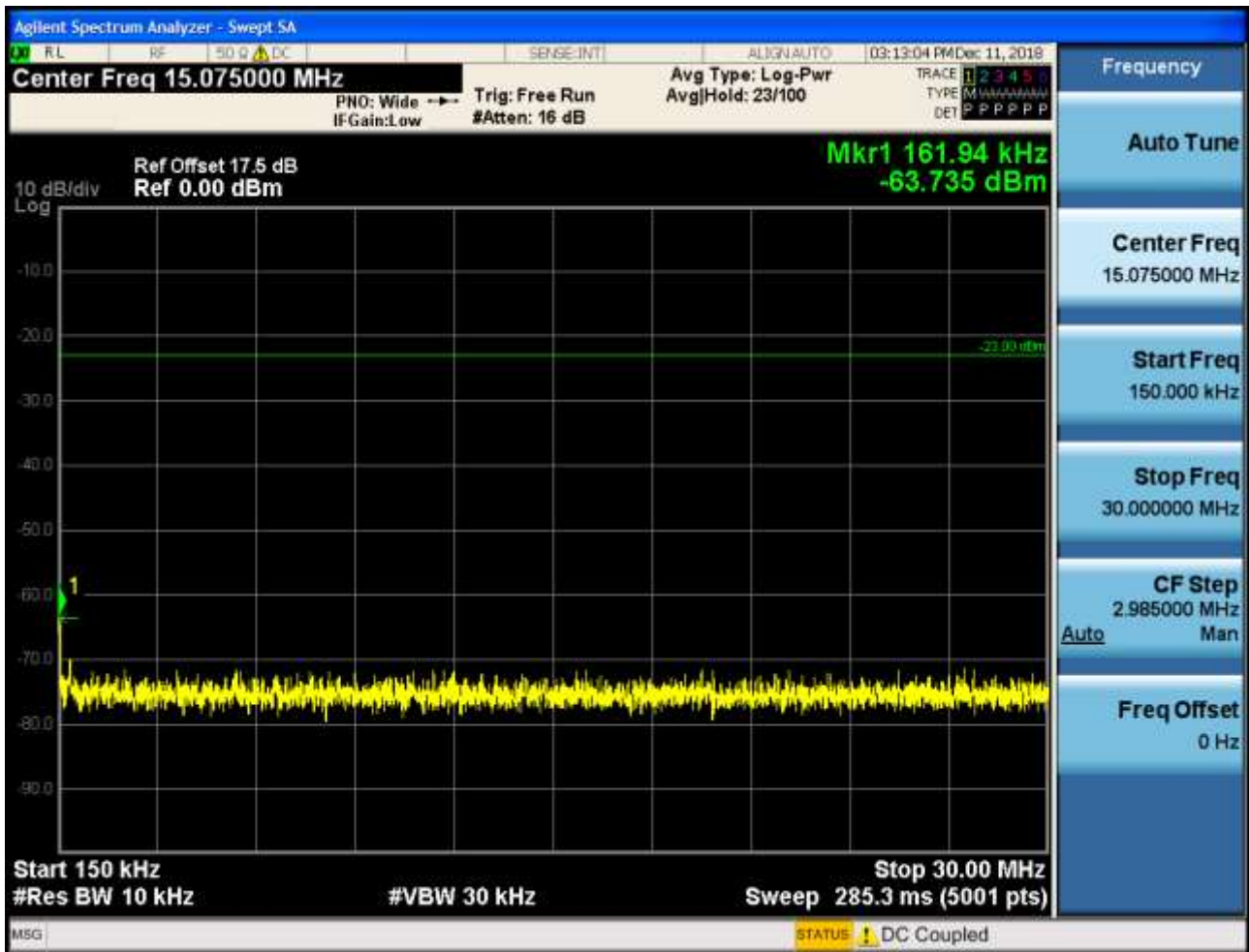


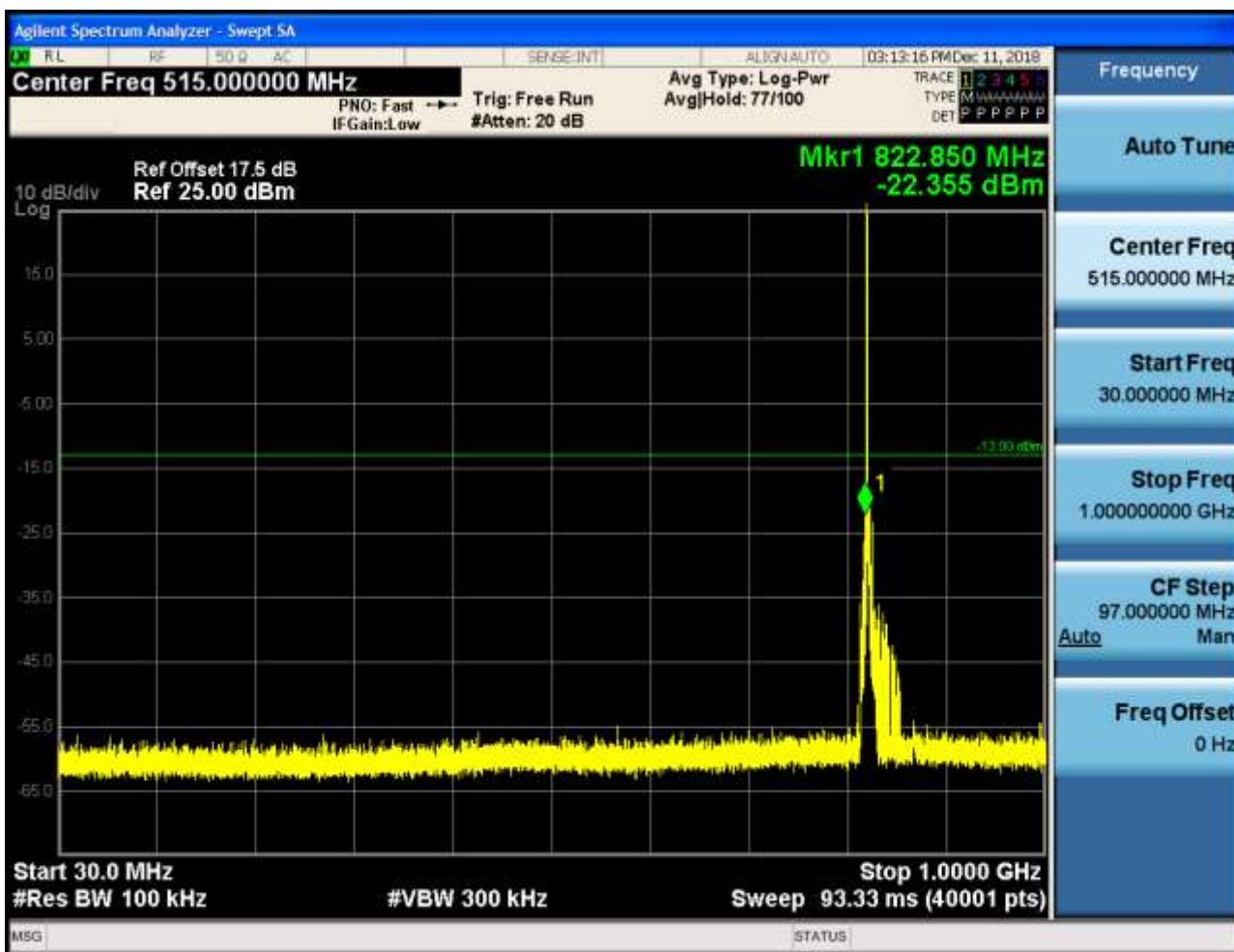
## 6.2.1.2.2 Test Bandwidth = 3

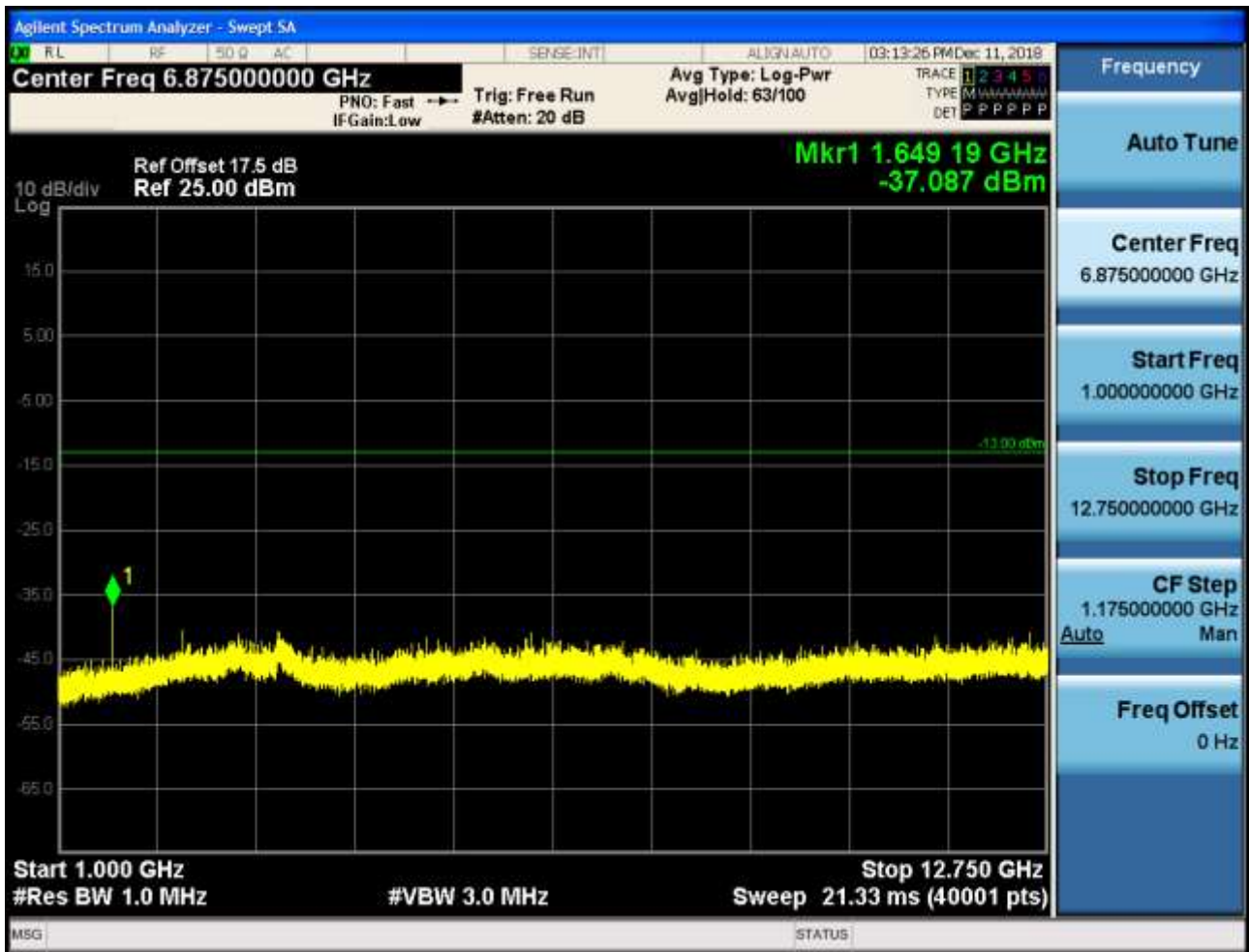
## 6.2.1.2.2.1 Test Channel = LCH

## 6.2.1.2.2.1.1 Test RB = RB1#0







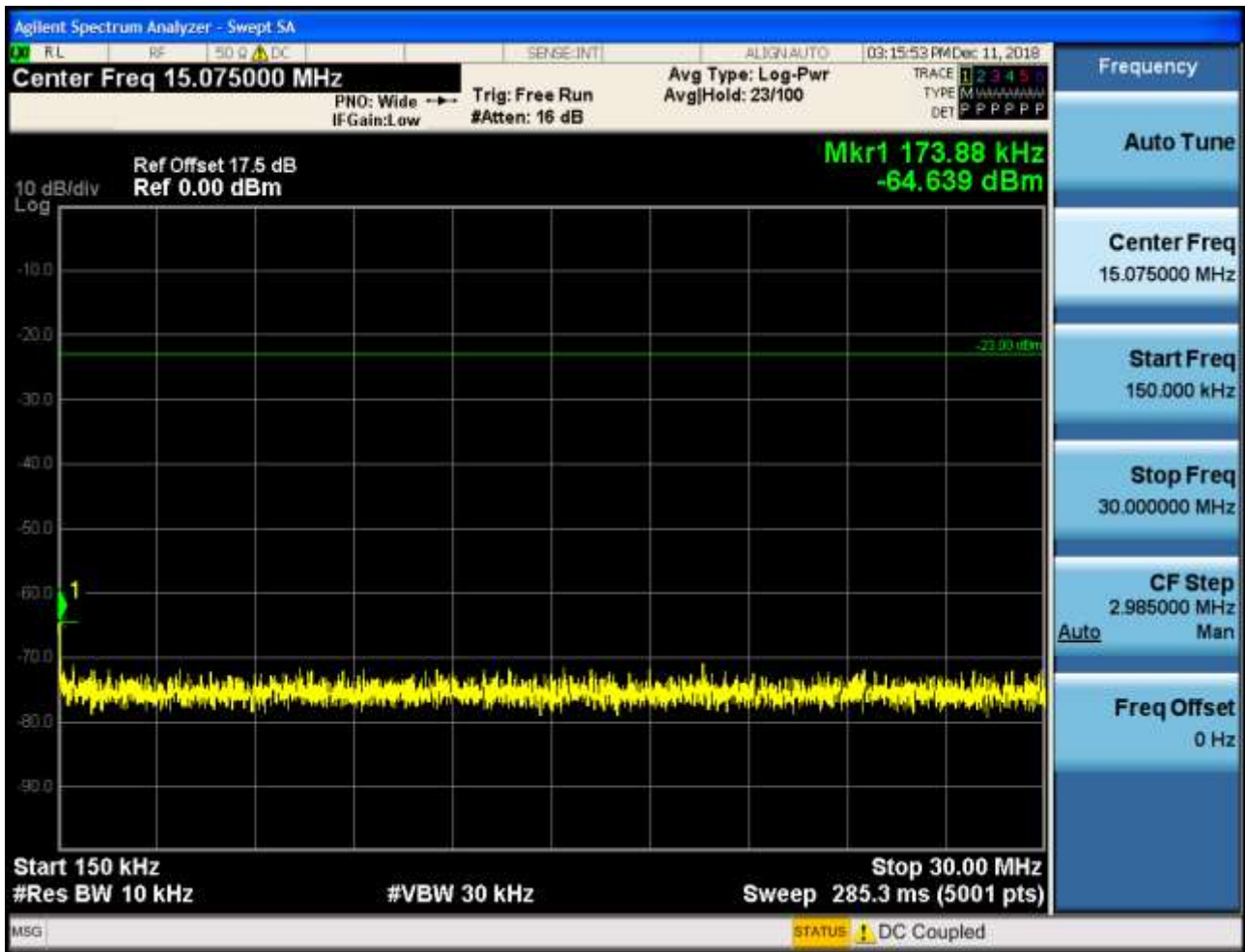


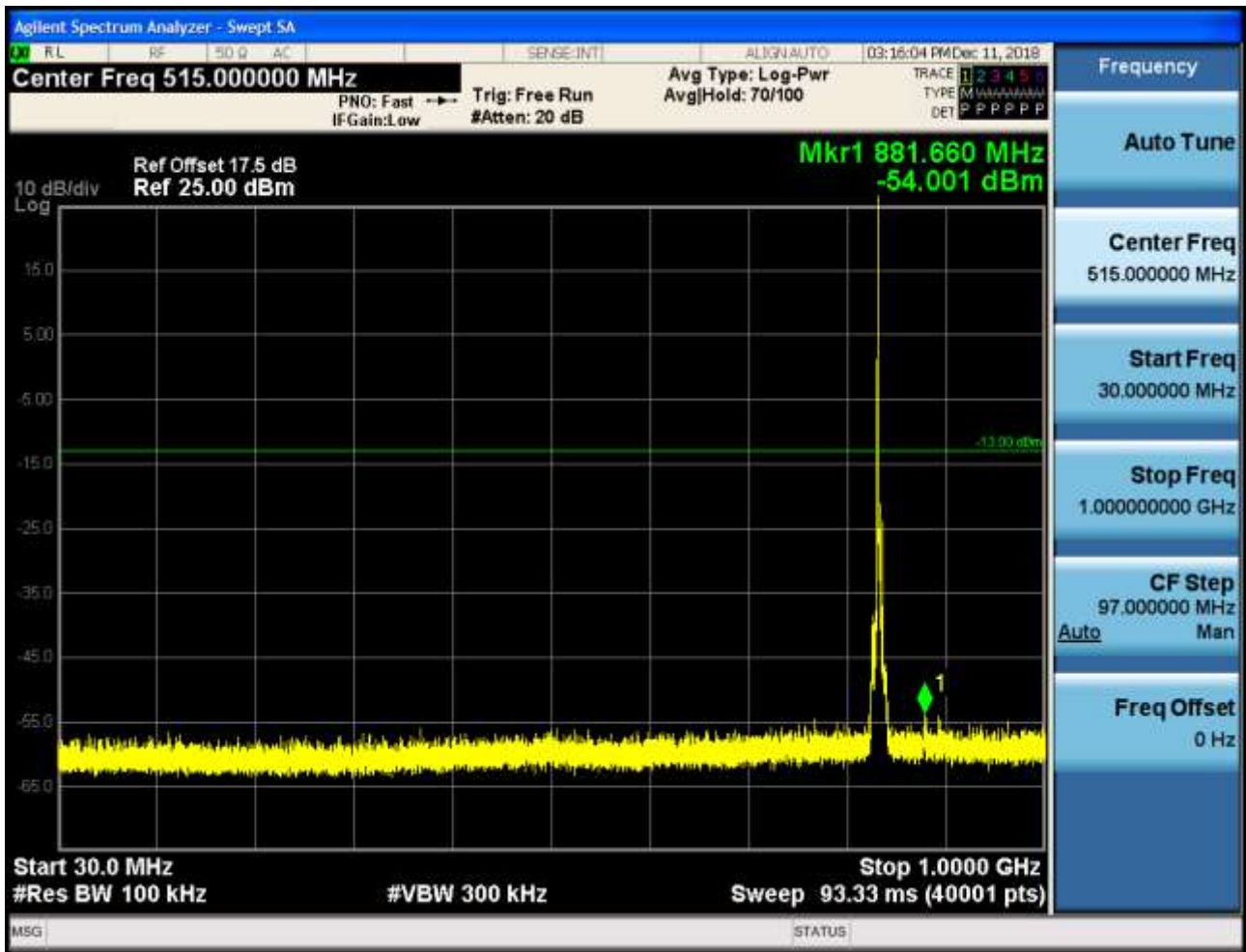


## 6.2.1.2.2.2 Test Channel = MCH

## 6.2.1.2.2.1 Test RB = RB1#0





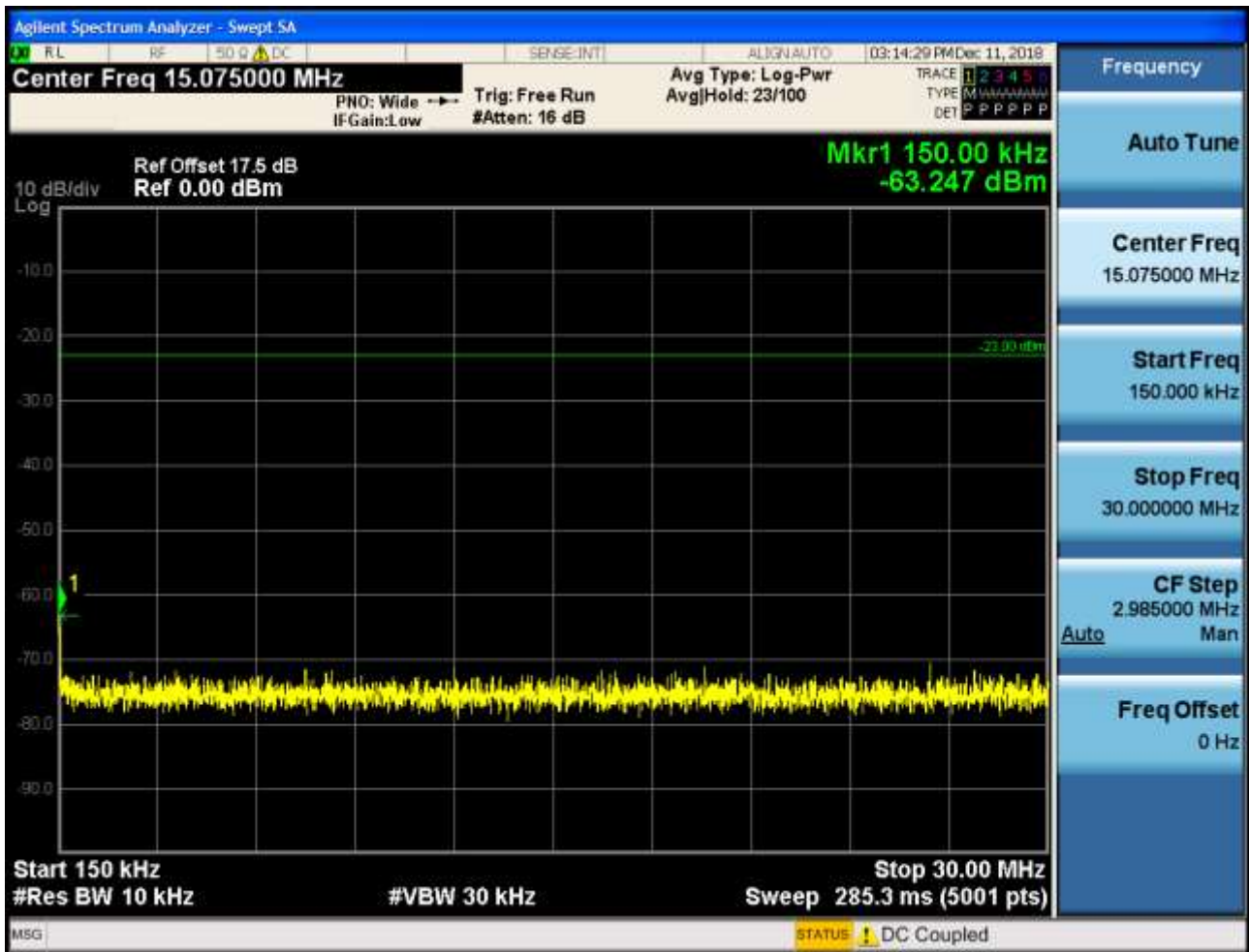


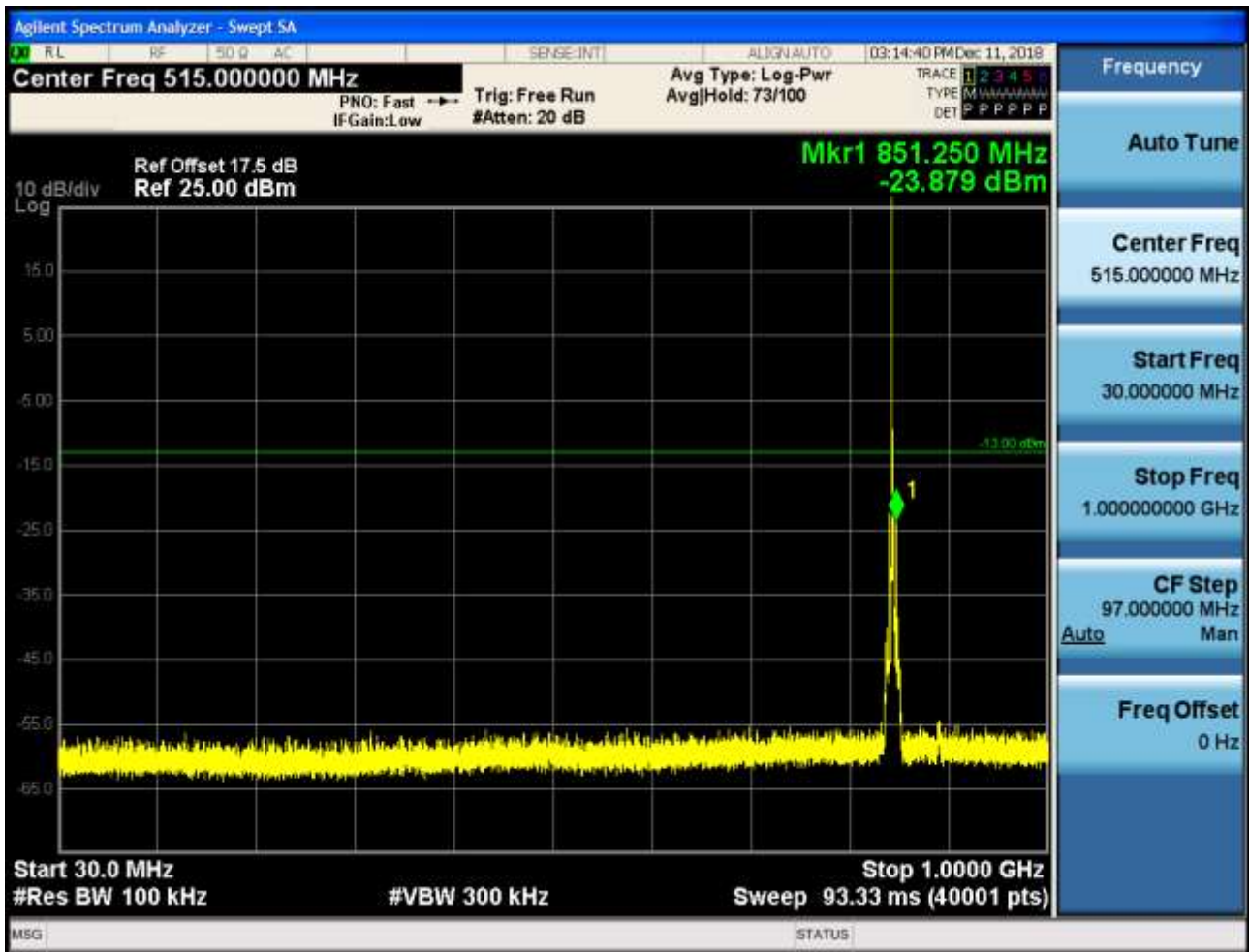


## 6.2.1.2.2.3 Test Channel = HCH

## 6.2.1.2.2.3.1 Test RB = RB1#0







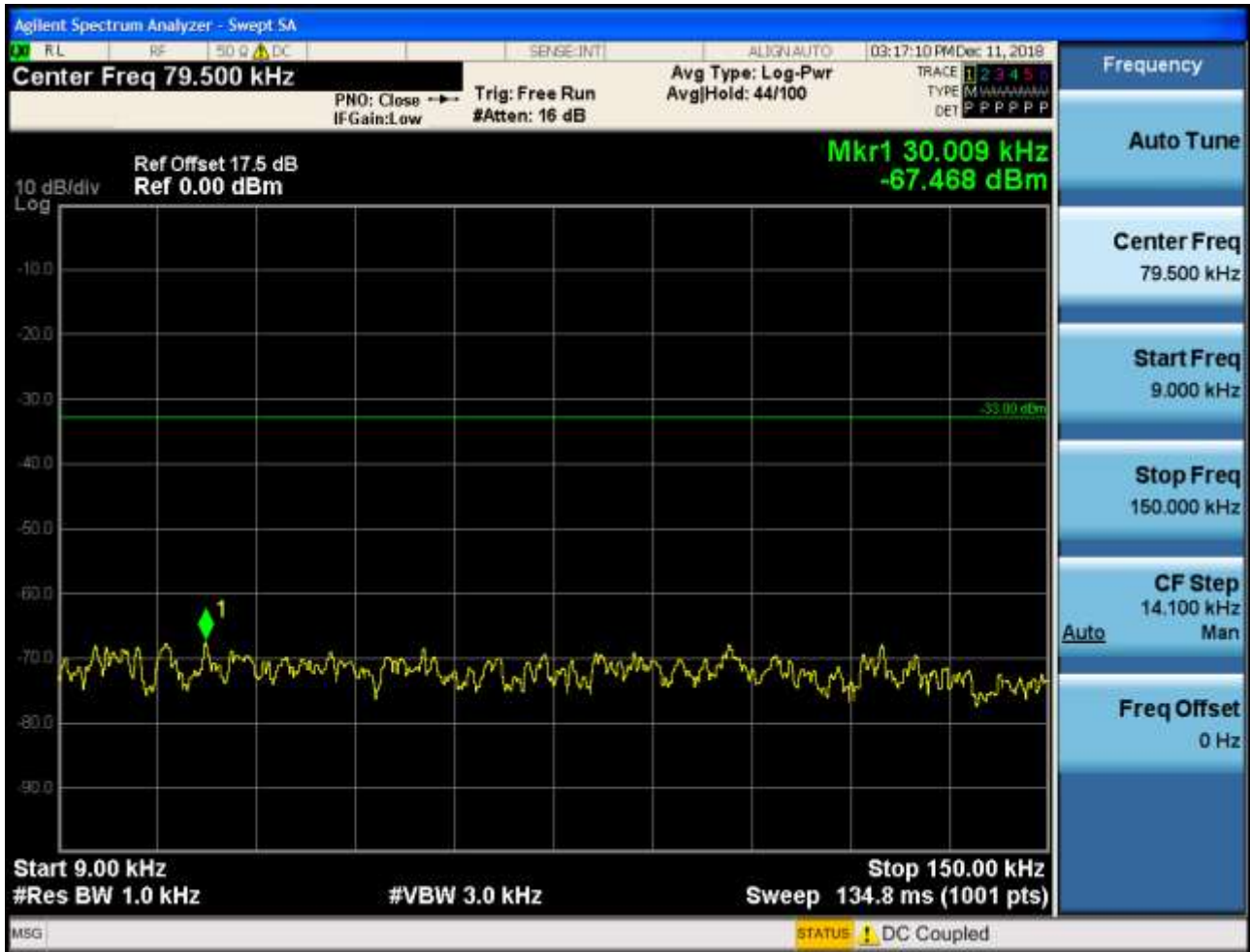


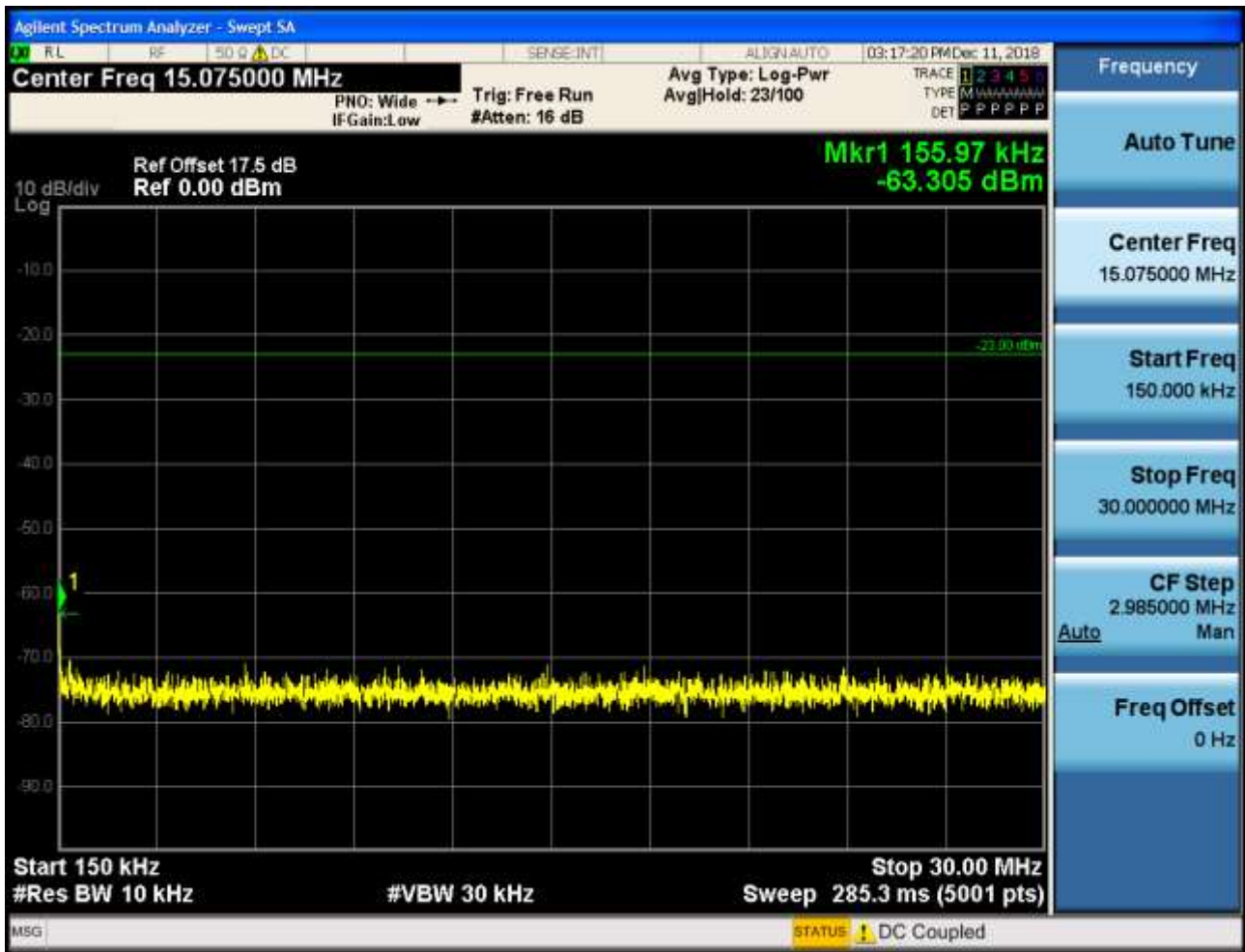


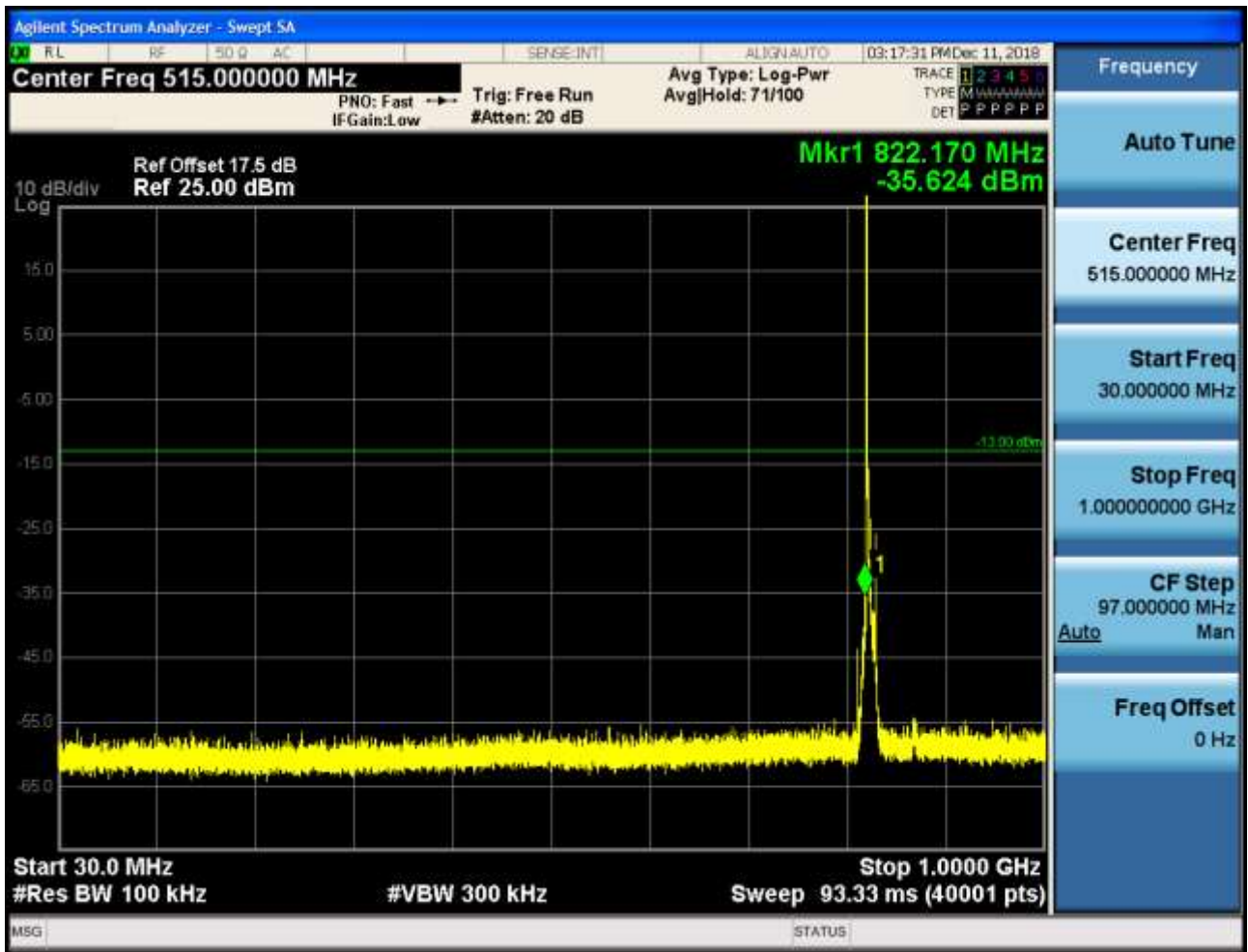
## 6.2.1.2.3 Test Bandwidth = 5

## 6.2.1.2.3.1 Test Channel = LCH

## 6.2.1.2.3.1.1 Test RB = RB1#0



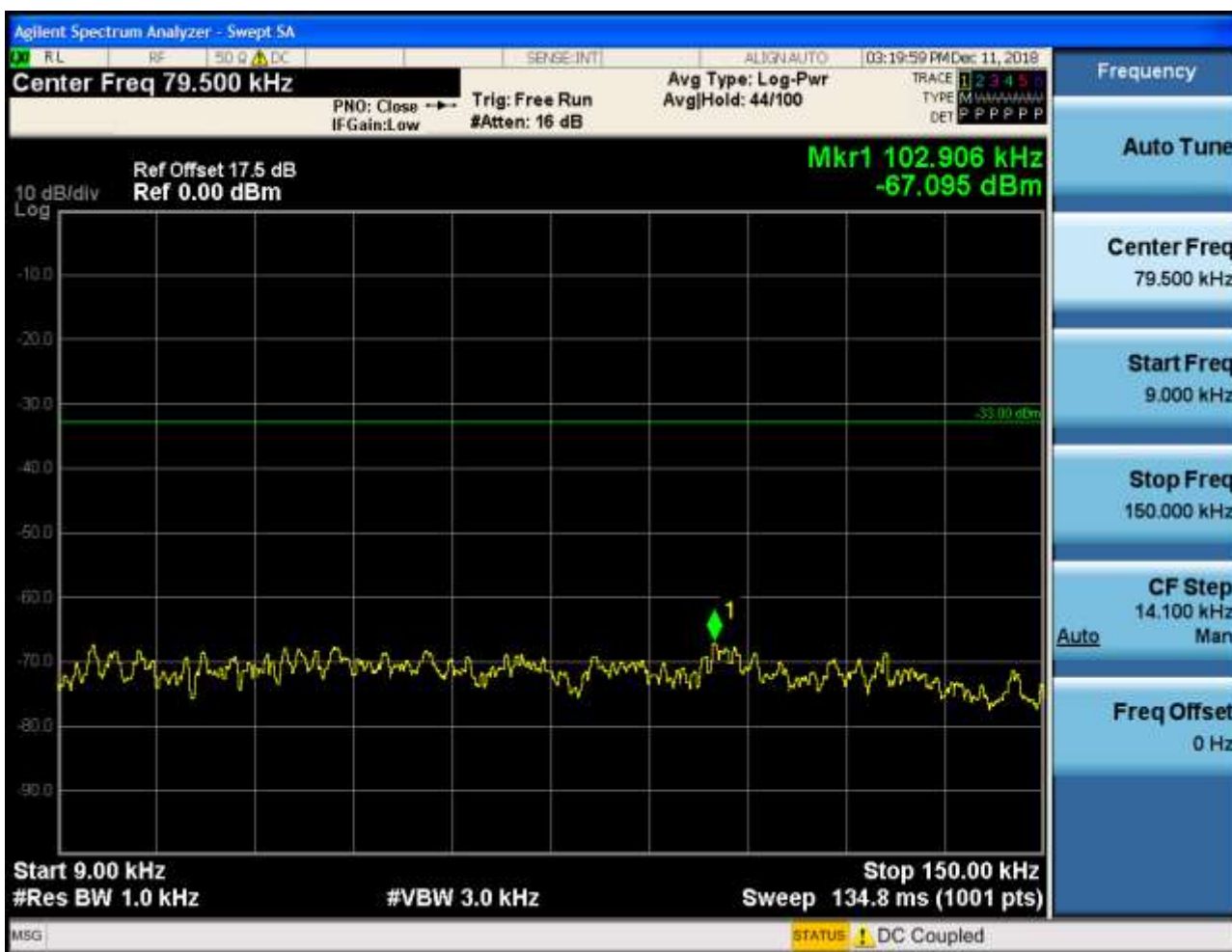


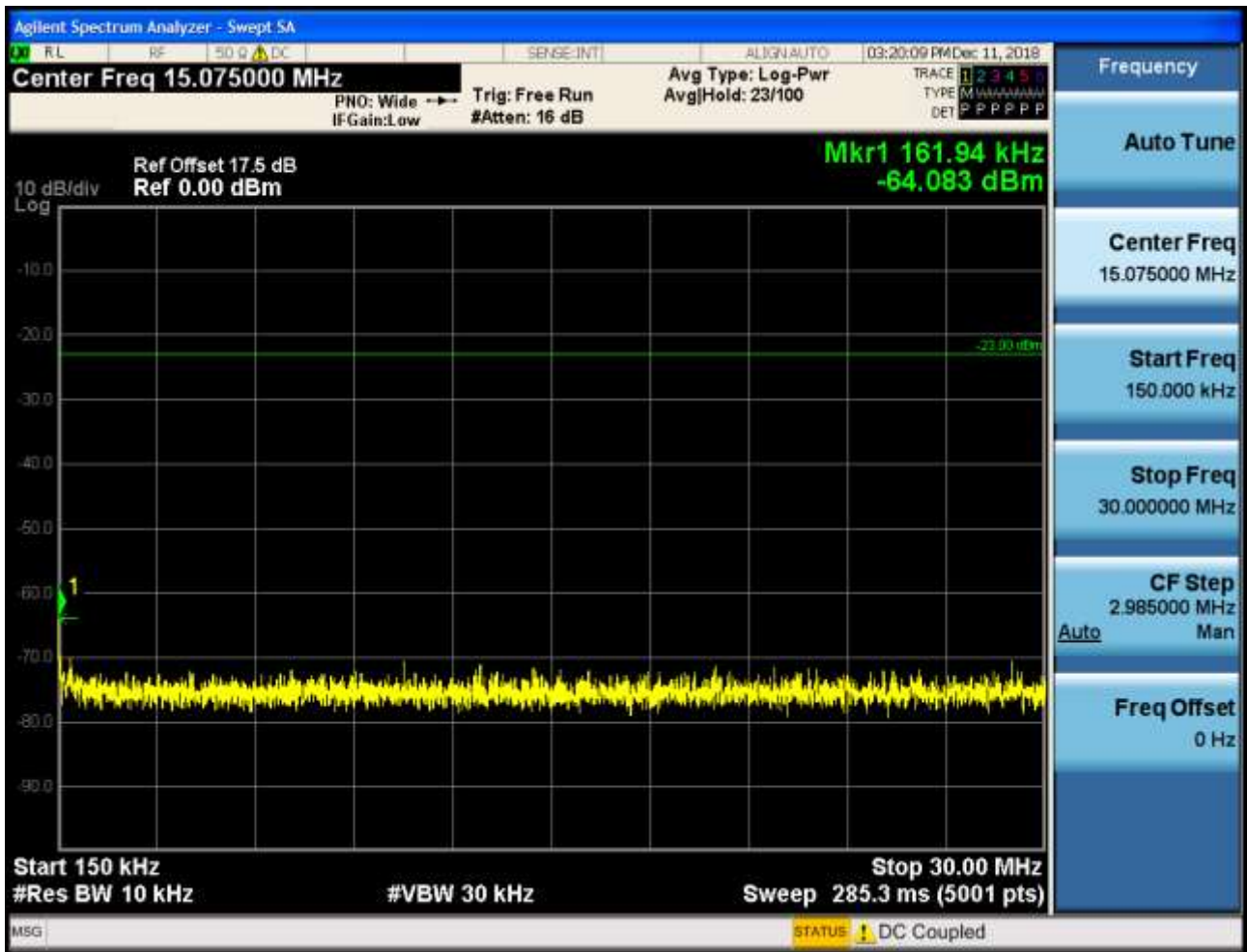


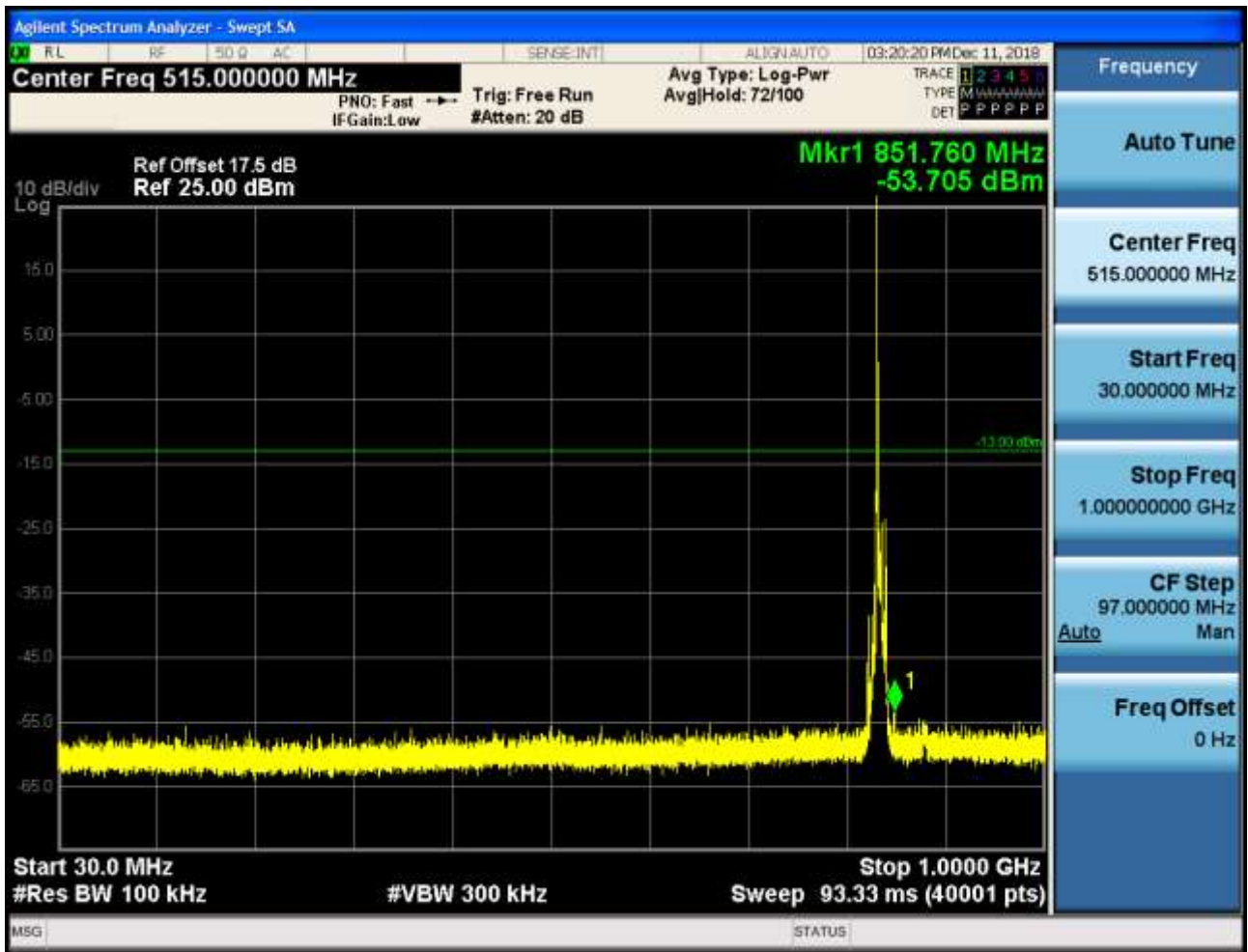


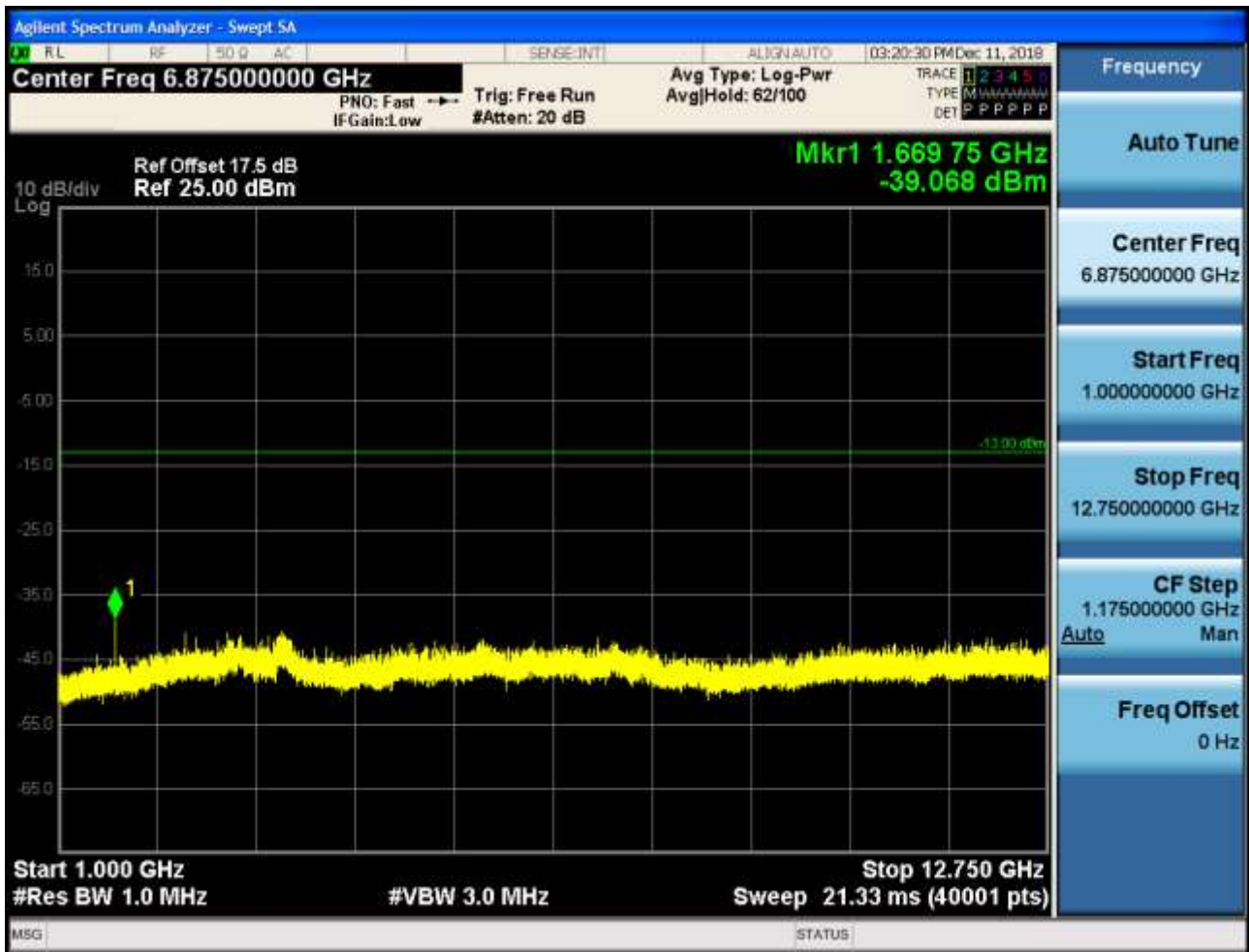
## 6.2.1.2.3.2 Test Channel = MCH

## 6.2.1.2.3.2.1 Test RB = RB1#0







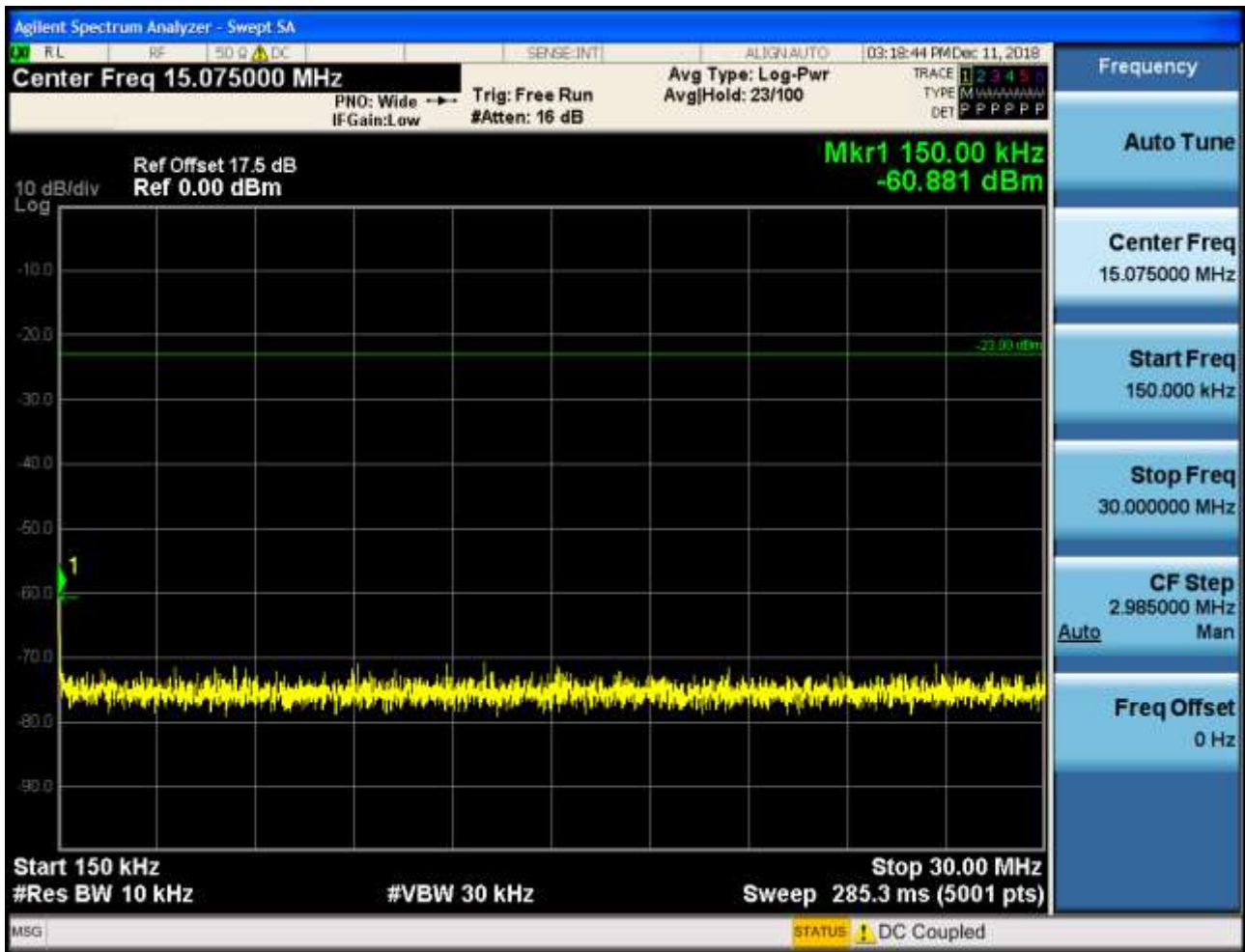


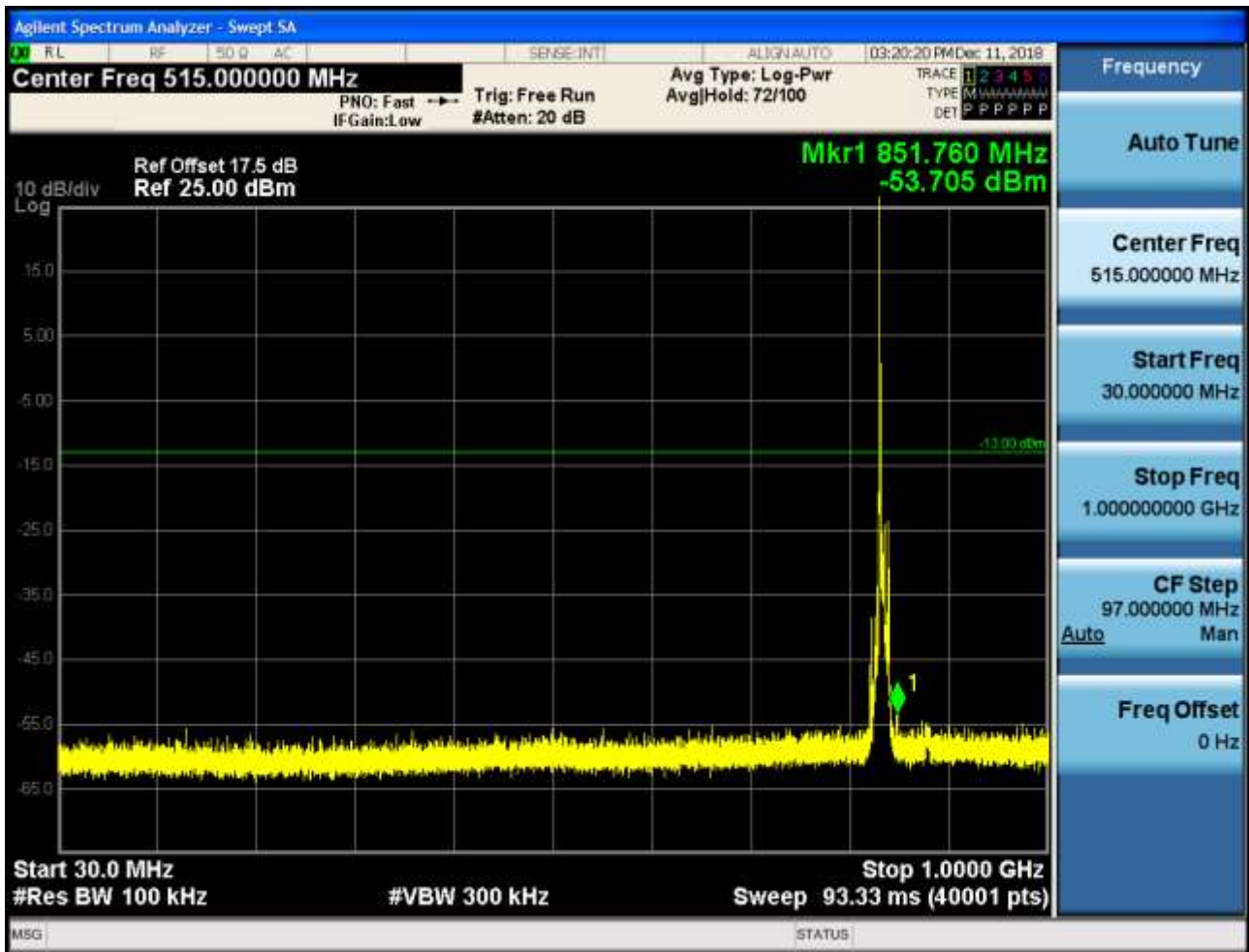


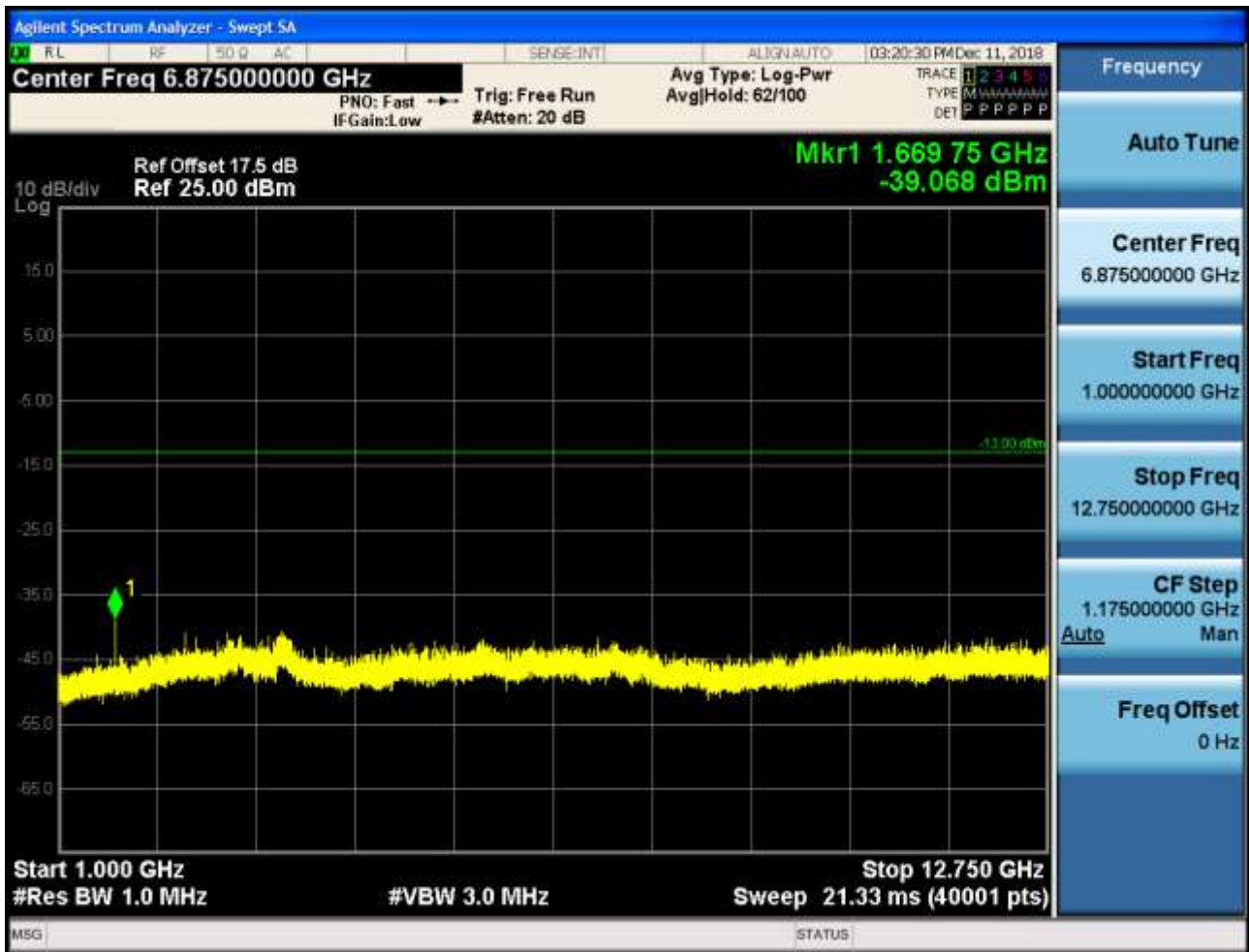
## 6.2.1.2.3.3 Test Channel = HCH

## 6.2.1.2.3.3.1 Test RB = RB1#0







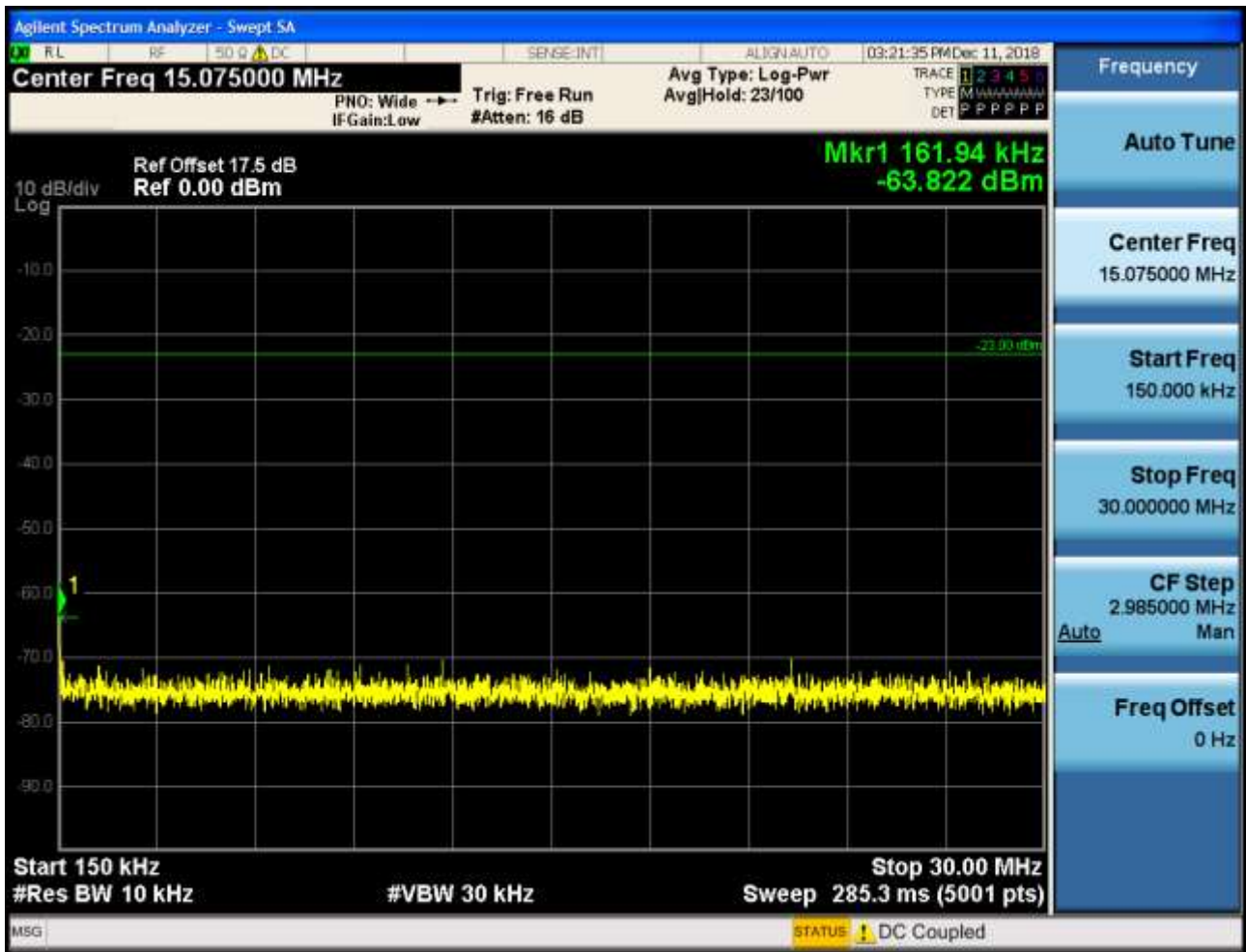


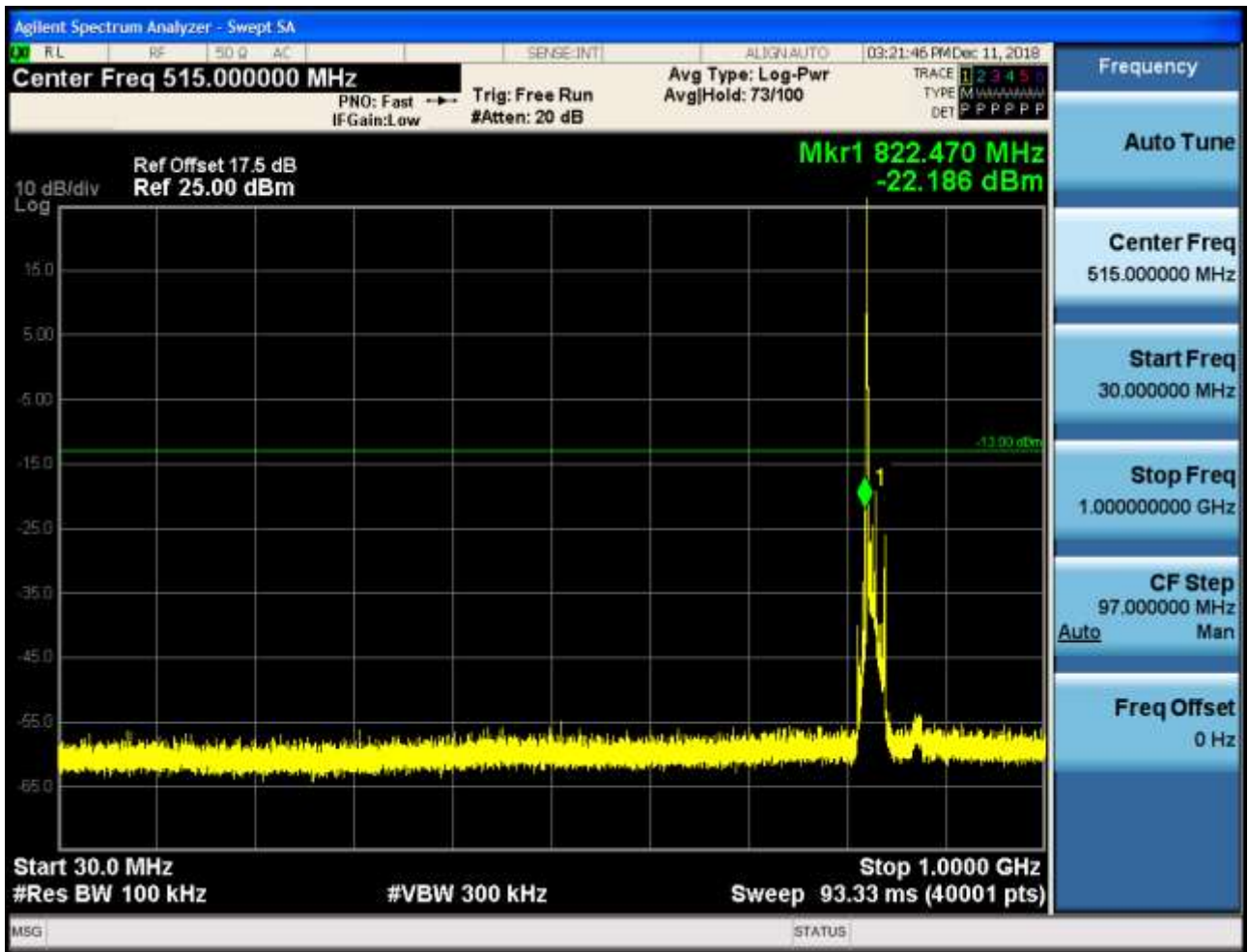
## 6.2.1.2.4 Test Bandwidth = 10

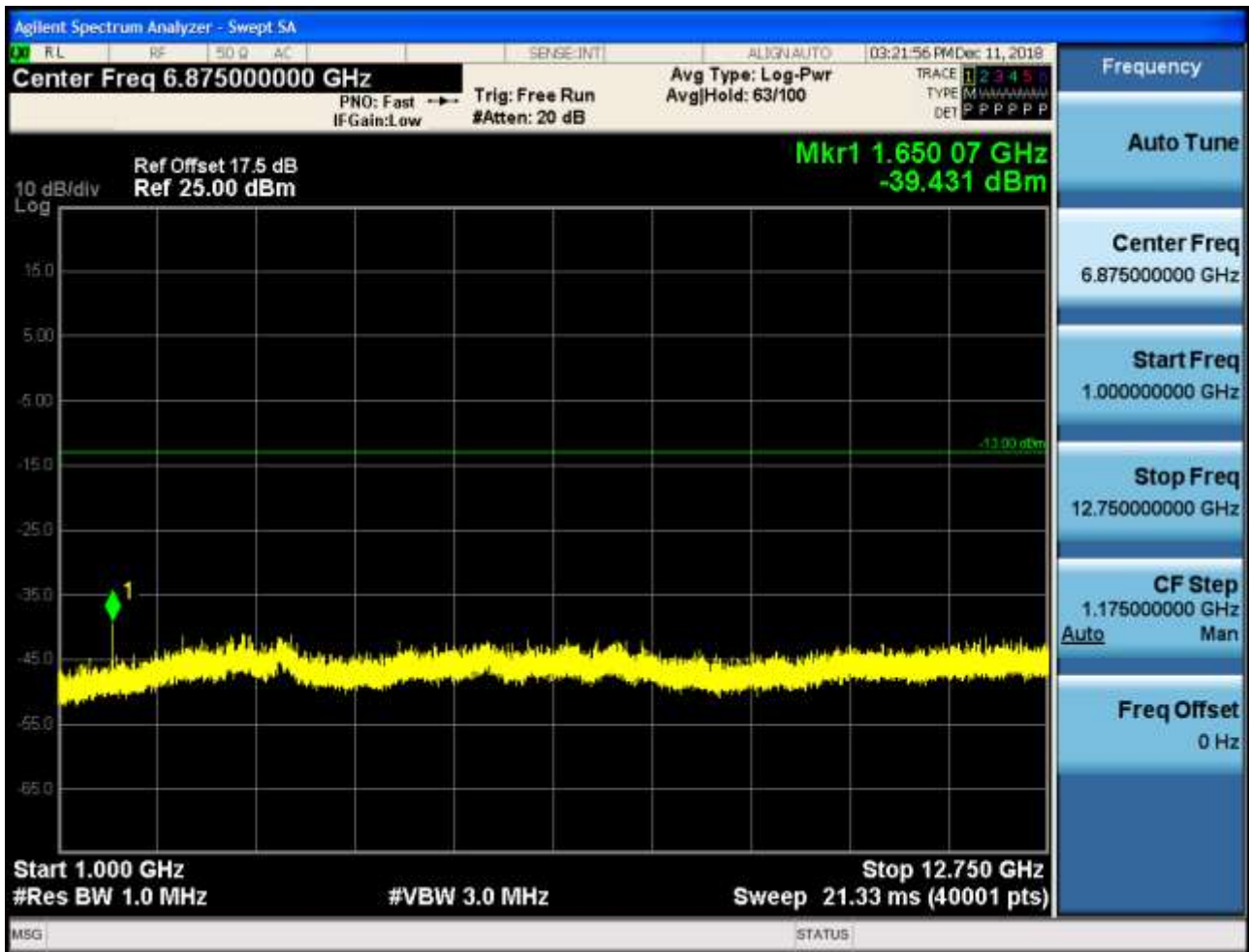
## 6.2.1.2.4.1 Test Channel = LCH

## 6.2.1.2.4.1.1 Test RB = RB1#0







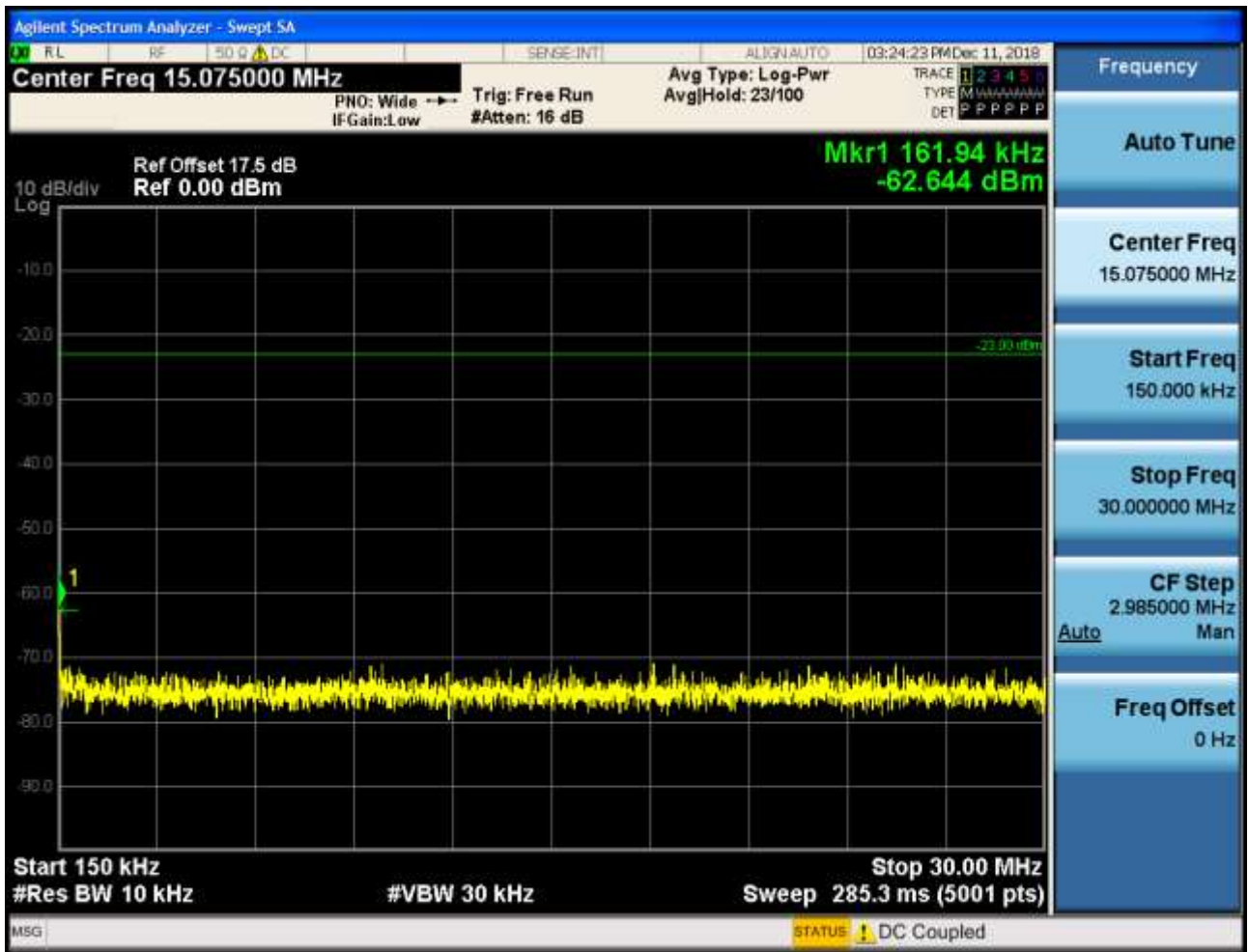


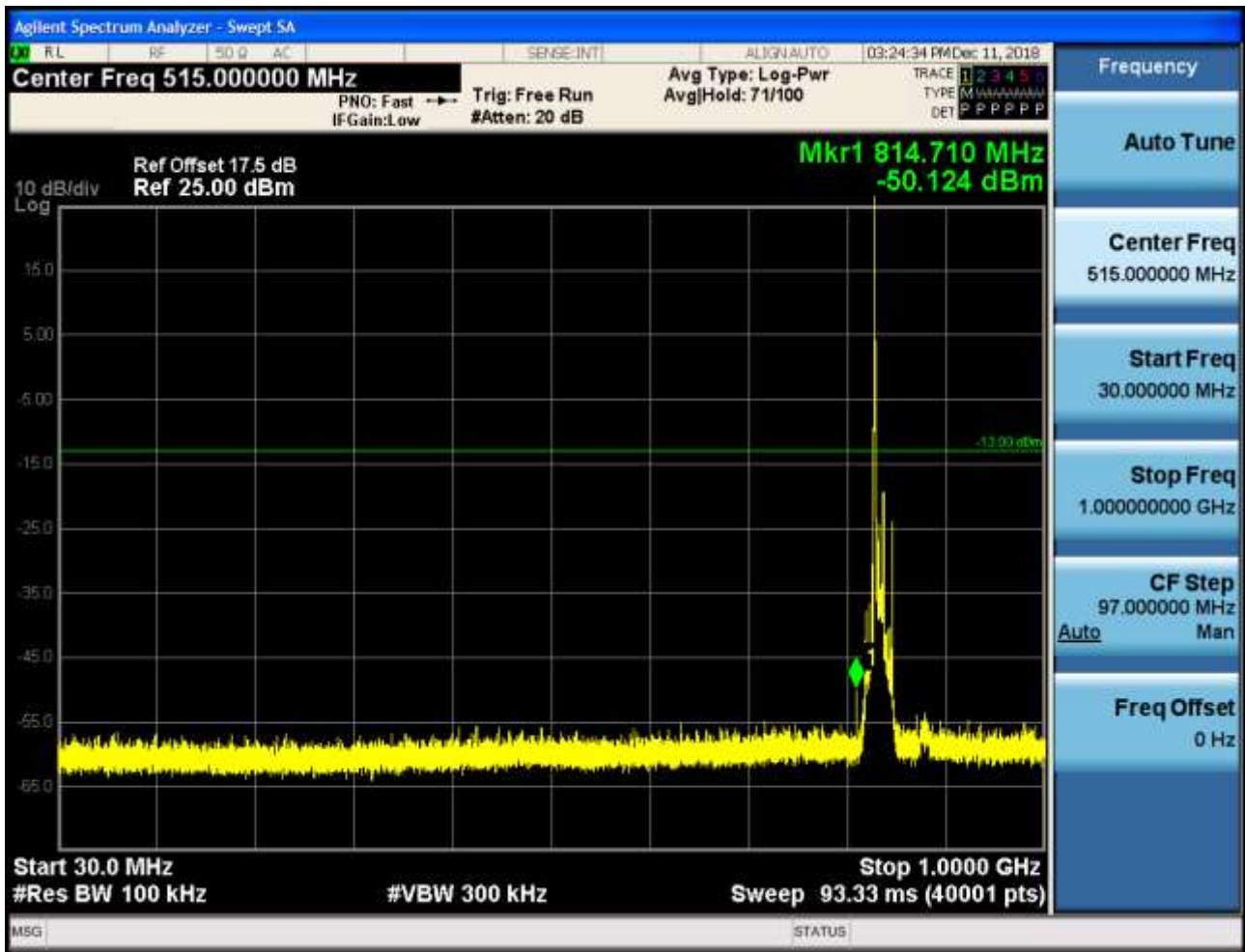


## 6.2.1.2.4.2 Test Channel = MCH

## 6.2.1.2.4.2.1 Test RB = RB1#0





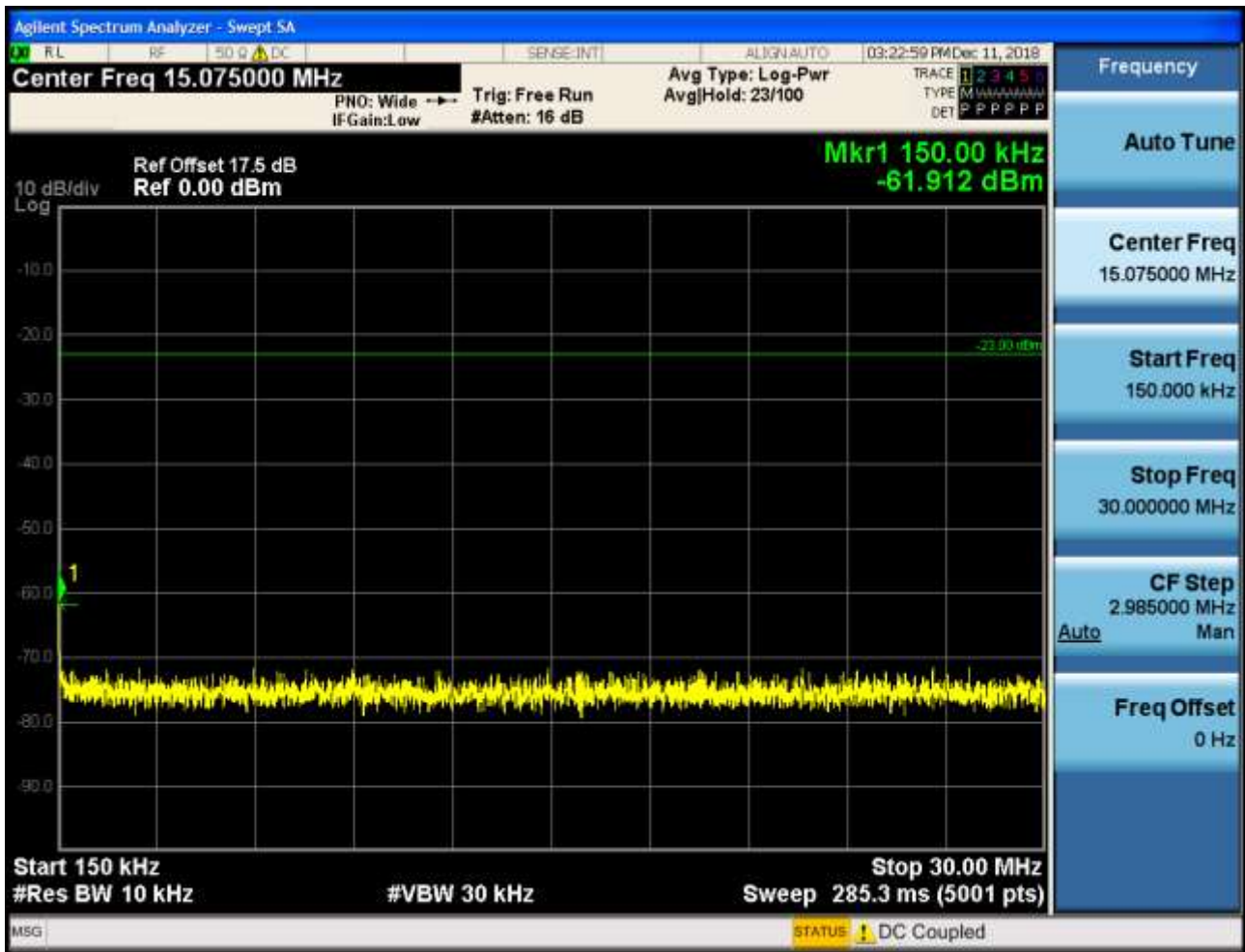


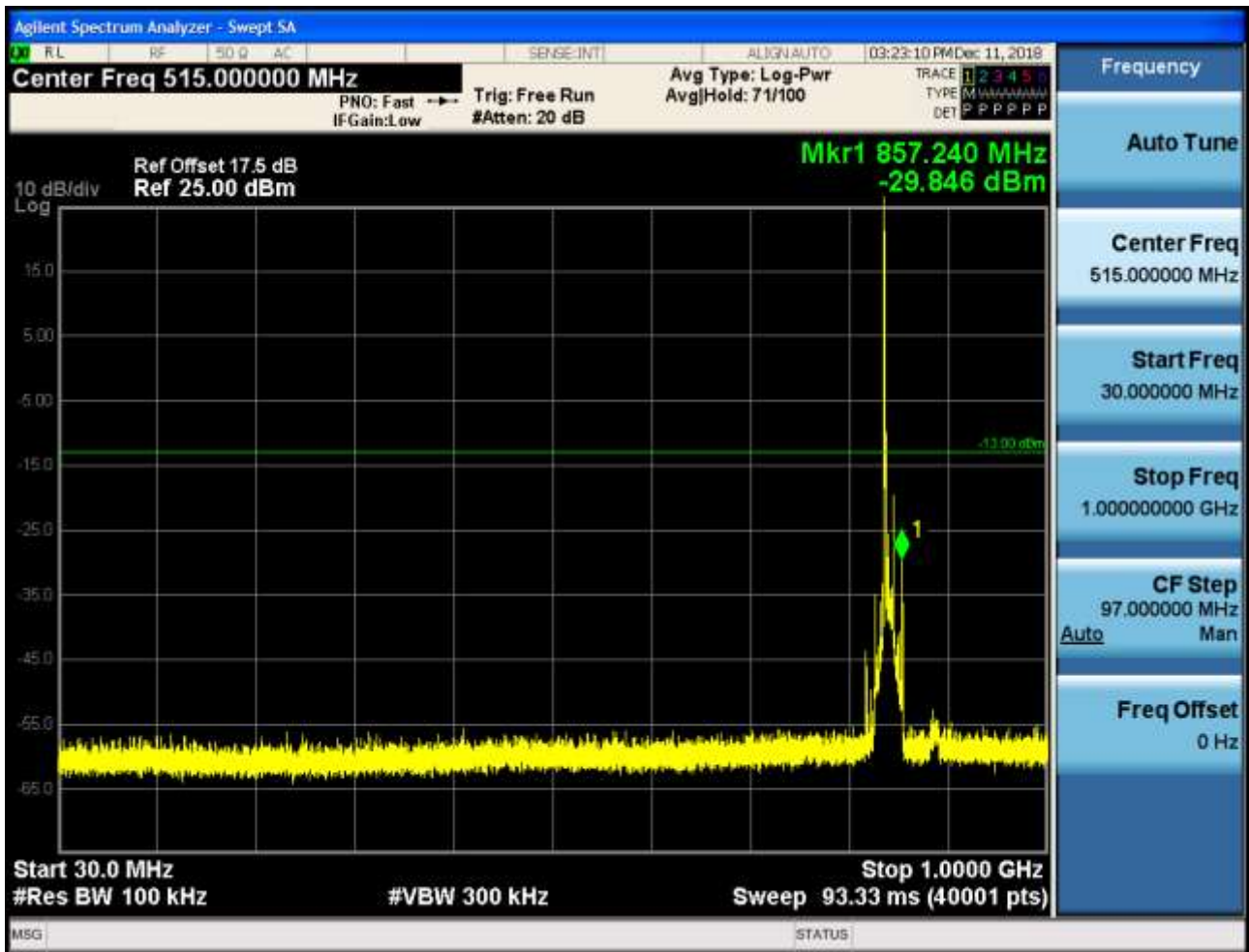


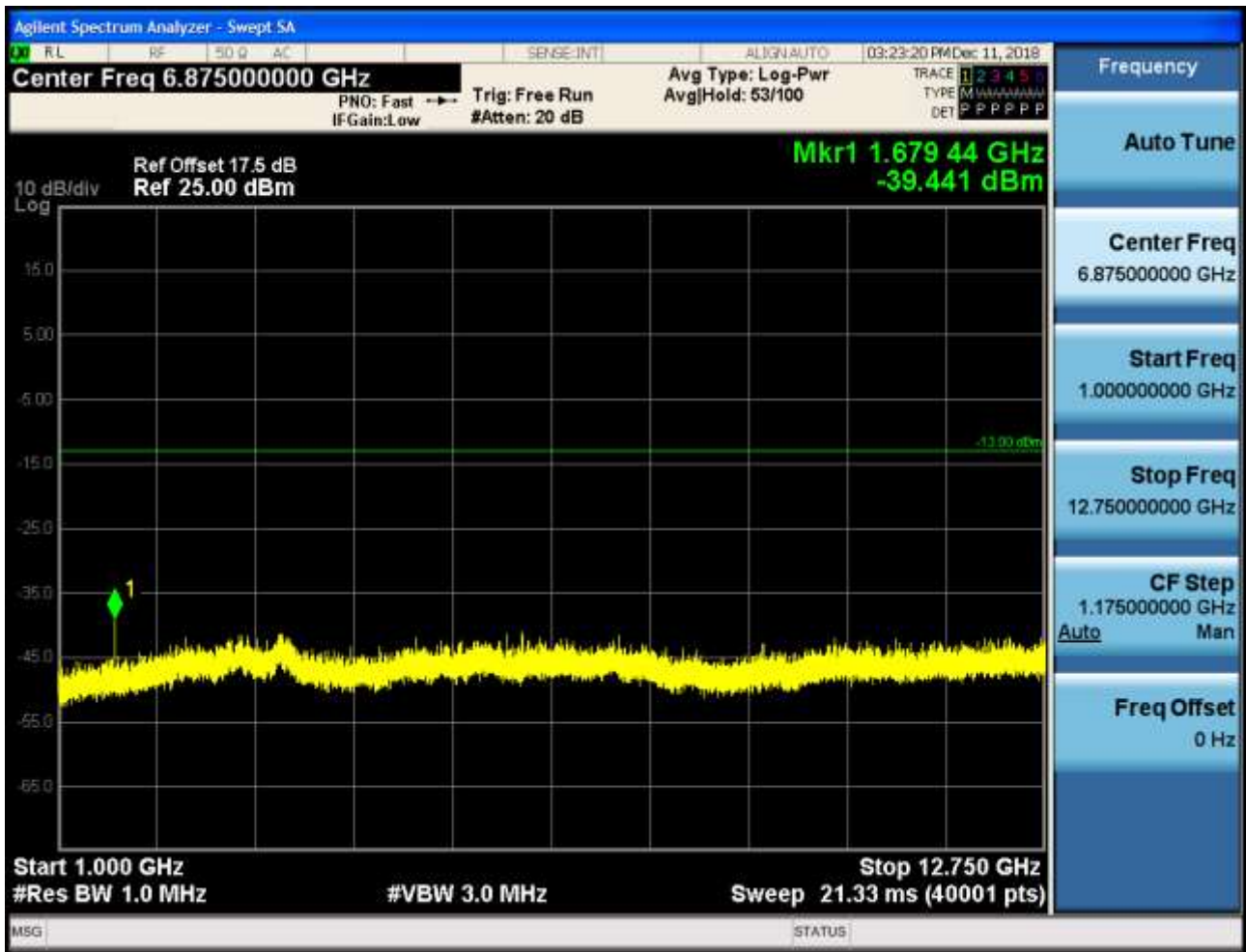
## 6.2.1.2.4.3 Test Channel = HCH

## 6.2.1.2.4.3.1 Test RB = RB1#0











## 7Appendix\_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

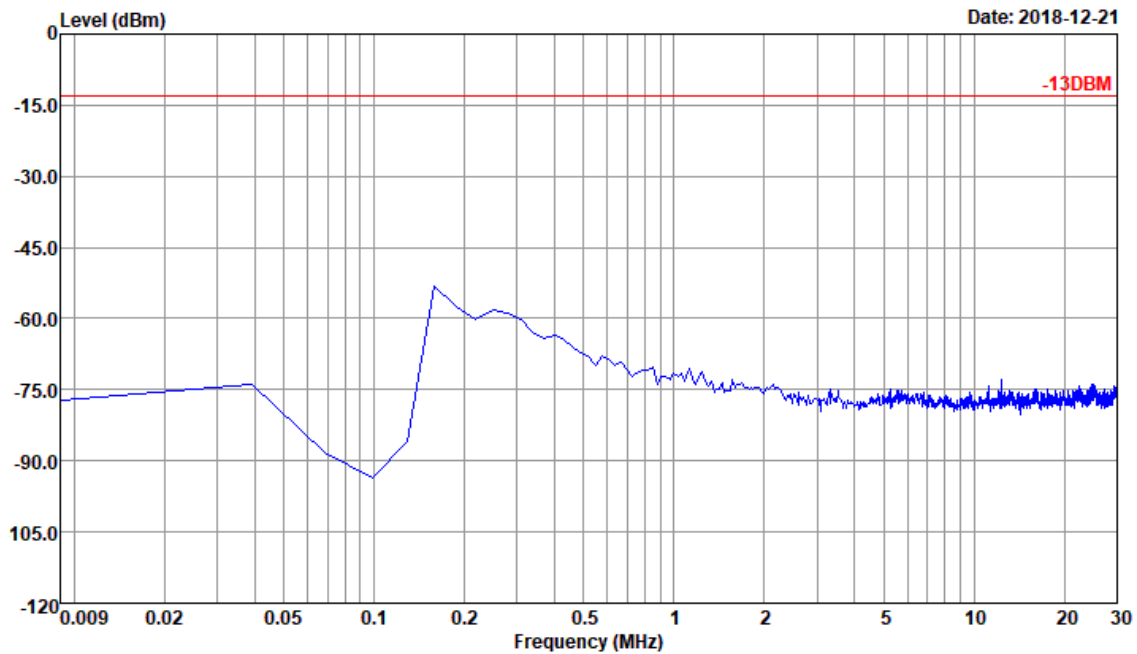
#### 7.1 For LTE

##### 7.1.1 Test Band = Band5

##### 7.1.1.1 Test Bandwidth = 1.4

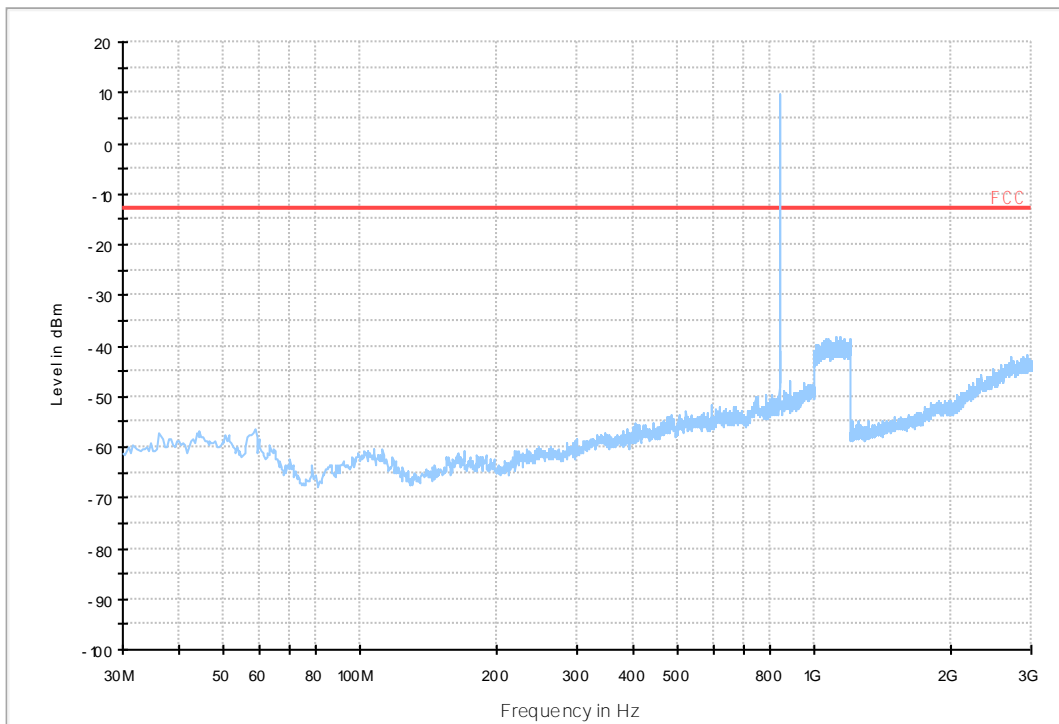


Data: 83

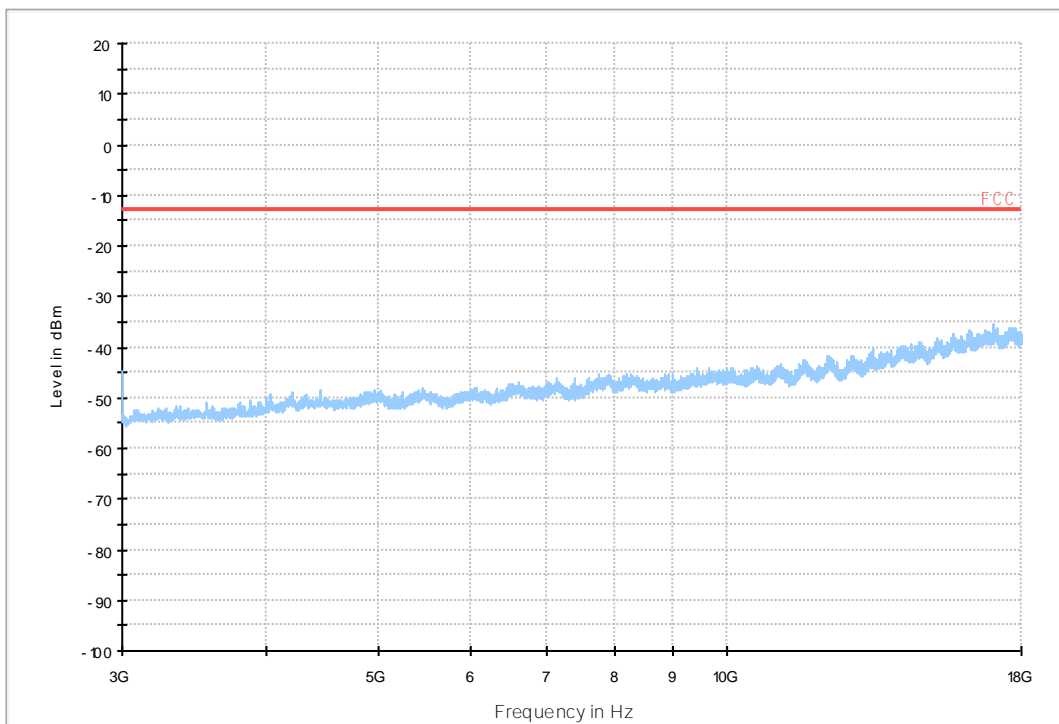


Site : 03CH01-SZ  
Condition : -13DBM 9K-30M AMP NEUTRAL  
: RBW:9.000KHz VBW:30.000KHz

LTE FDD RSE-TX-DIRECTOR BELOW 1G\_L



LTE FDD RSE-TX-DIRECTOR BELOW 1G\_H

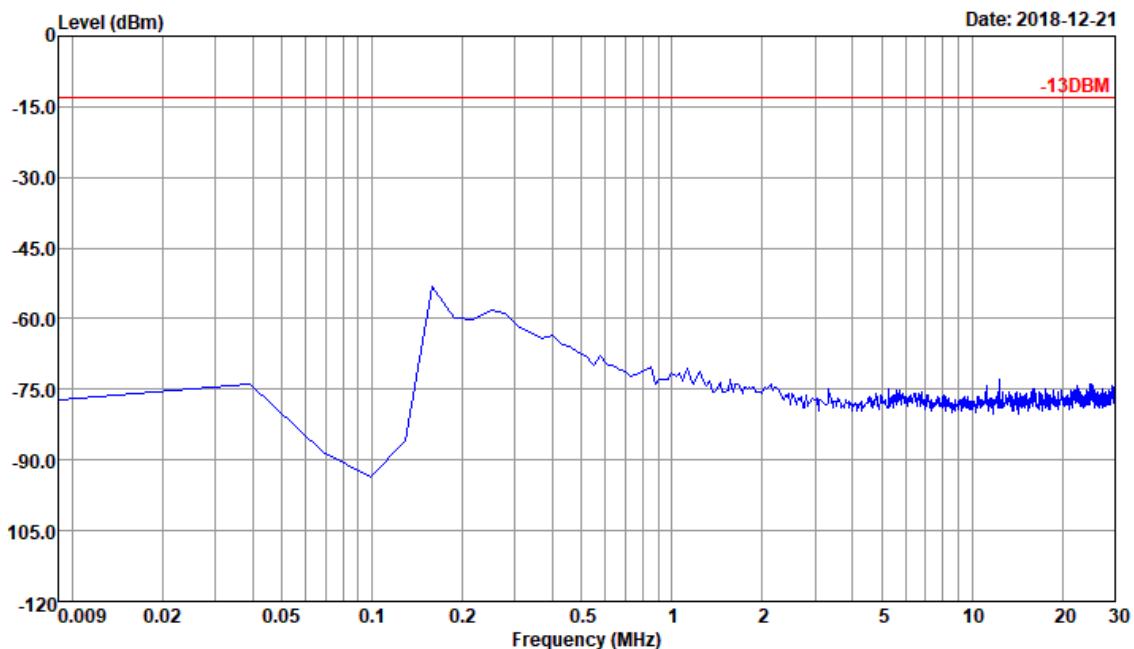




### 7.1.1.2 Test Bandwidth = 10

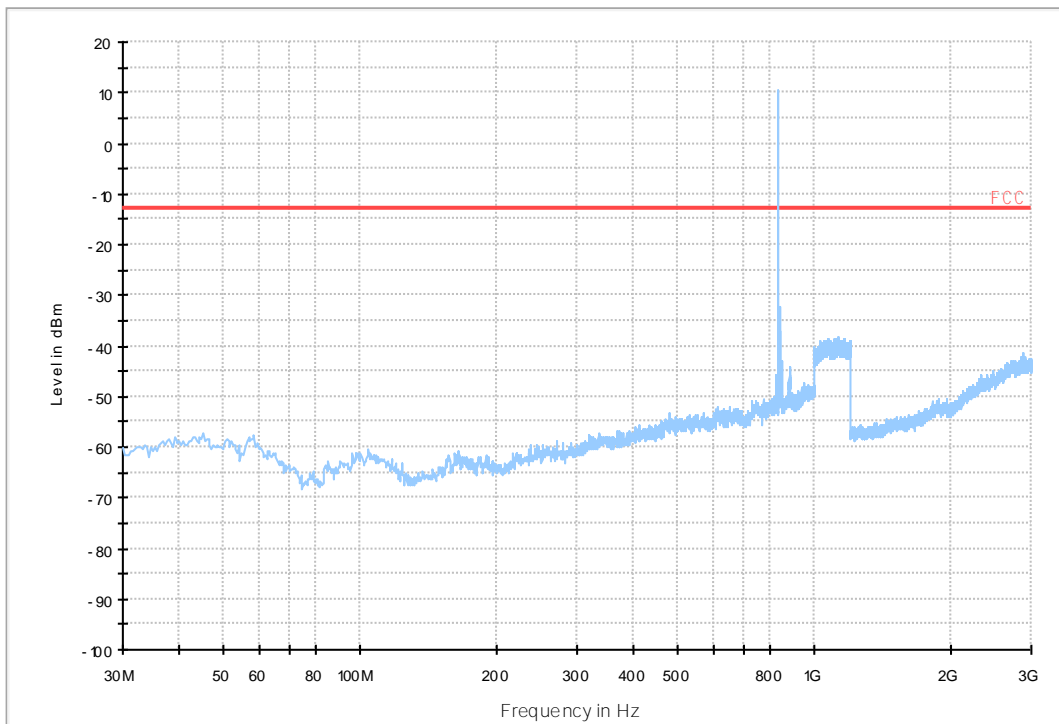


Data: 69

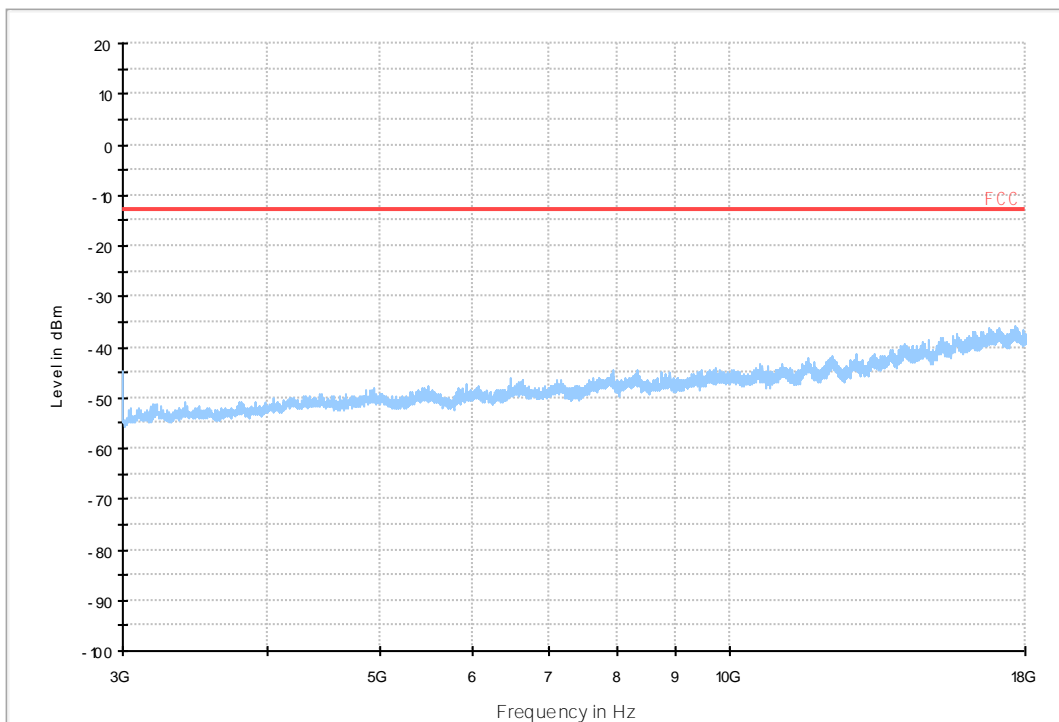


Site : 03CH01-SZ  
Condition : -13DBM 9K-30M AMP NEUTRAL  
: RBW:9.000KHz VBW:30.000KHz

LTE FDD RSE-TX-DIRECTOR BELOW 1G\_L



LTE FDD RSE-TX-DIRECTOR BELOW 1G\_H



## 8Appendix\_H: Frequency Stability

### 8.1 For LTE

#### 8.1.1Frequency 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	-7.69615	-0.00933	PASS
					VN	-8.59737	-0.01042	PASS
					VH	-5.43594	-0.00659	PASS
			MCH	TN	VL	-5.35011	-0.00640	PASS
					VN	-4.60625	-0.00551	PASS
					VH	-5.73635	-0.00686	PASS
			HCH	TN	VL	-9.02653	-0.01064	PASS
					VN	-6.35147	-0.00749	PASS
					VH	-0.30041	-0.00035	PASS
		3	LCH	TN	VL	-4.32015	-0.00523	PASS
					VN	-11.01494	-0.01334	PASS
					VH	-11.52992	-0.01397	PASS
			MCH	TN	VL	-6.48022	-0.00775	PASS
					VN	-6.65188	-0.00795	PASS
					VH	-3.93391	-0.00470	PASS
			HCH	TN	VL	-6.13689	-0.00724	PASS
					VN	-7.51018	-0.00886	PASS
					VH	-5.56469	-0.00657	PASS
		5	LCH	TN	VL	-7.68185	-0.00929	PASS
					VN	-9.77039	-0.01182	PASS
					VH	-9.12666	-0.01104	PASS
			MCH	TN	VL	-3.57628	-0.00428	PASS
					VN	-5.46455	-0.00653	PASS
					VH	-9.79900	-0.01171	PASS
			HCH	TN	VL	-9.98497	-0.01180	PASS
					VN	-7.48158	-0.00884	PASS
					VH	-7.29561	-0.00862	PASS
		10	LCH	TN	VL	-8.16822	-0.00985	PASS
					VN	-7.53880	-0.00909	PASS
					VH	-9.22680	-0.01113	PASS
			MCH	TN	VL	-8.22544	-0.00983	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	-4.64916	-0.00556	PASS	
					VH	-5.47886	-0.00655	PASS	
			HCH	TN	VL	-4.93527	-0.00585	PASS	
					VN	-11.28674	-0.01337	PASS	
					VH	-6.88076	-0.00815	PASS	
		1.4	LCH	TN	VL	-5.73635	-0.00696	PASS	
					VN	-12.35962	-0.01499	PASS	
					VH	-2.54631	-0.00309	PASS	
			MCH	TN	VL	-7.13825	-0.00853	PASS	
					VN	-9.78470	-0.01170	PASS	
					VH	-8.99792	-0.01076	PASS	
			HCH	TN	VL	-7.89642	-0.00931	PASS	
					VN	0.22888	0.00027	PASS	
					VH	-8.58307	-0.01012	PASS	
			3	LCH	TN	VL	-3.99113	-0.00483	PASS
						VN	-7.56741	-0.00917	PASS
						VH	-2.46048	-0.00298	PASS
		MCH		TN	VL	-6.78062	-0.00811	PASS	
					VN	-9.12666	-0.01091	PASS	
					VH	-5.87940	-0.00703	PASS	
		HCH	TN	VL	-5.60761	-0.00662	PASS		
				VN	-5.97954	-0.00706	PASS		
				VH	-4.56333	-0.00538	PASS		
		5	LCH	TN	VL	-6.69479	-0.00810	PASS	
					VN	-8.51154	-0.01030	PASS	
					VH	-6.15120	-0.00744	PASS	
			MCH	TN	VL	-4.42028	-0.00528	PASS	
					VN	-8.92639	-0.01067	PASS	
					VH	-6.82354	-0.00816	PASS	
			HCH	TN	VL	-8.05378	-0.00951	PASS	
					VN	-8.02517	-0.00948	PASS	
					VH	-6.16550	-0.00728	PASS	
		10	LCH	TN	VL	-8.05378	-0.00972	PASS	
					VN	-7.79629	-0.00940	PASS	
					VH	-6.68049	-0.00806	PASS	
			MCH	TN	VL	-6.15120	-0.00735	PASS	
					VN	-7.46727	-0.00893	PASS	
					VH	-3.59058	-0.00429	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	TN	VL	-5.72205	-0.00678	PASS
					VN	-8.48293	-0.01005	PASS
					VH	-4.94957	-0.00586	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
Band5	LTE/TM1	1.4	LCH	VN	-30	-9.24110	-0.01121	PASS
					-20	-7.23839	-0.00878	PASS
					-10	-6.72340	-0.00815	PASS
					0	-11.04355	-0.01339	PASS
					10	-8.13961	-0.00987	PASS
					20	-8.59737	-0.01042	PASS
					30	-3.39031	-0.00411	PASS
					40	-1.25885	-0.00153	PASS
					50	-8.09670	-0.00982	PASS
			MCH	VN	-30	-6.58035	-0.00787	PASS
					-20	-4.32015	-0.00516	PASS
					-10	-6.19412	-0.00740	PASS
					0	-3.17573	-0.00380	PASS
					10	-6.45161	-0.00771	PASS
					20	-4.60625	-0.00551	PASS
					30	-3.40462	-0.00407	PASS
					40	-3.44753	-0.00412	PASS
					50	-6.62327	-0.00792	PASS
		HCH	VN	-30	-9.39846	-0.01108	PASS	
				-20	-10.09941	-0.01191	PASS	
				-10	-7.62463	-0.00899	PASS	
				0	-11.10077	-0.01309	PASS	
				10	-11.88755	-0.01401	PASS	
				20	-6.35147	-0.00749	PASS	
				30	-4.74930	-0.00560	PASS	
				40	-8.74043	-0.01030	PASS	
				50	-8.25405	-0.00973	PASS	
3	LCH	VN	-30	-11.25813	-0.01364	PASS		
			-20	-10.27107	-0.01244	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-11.97338	-0.01450	PASS
					0	-12.30240	-0.01490	PASS
					10	-12.91752	-0.01565	PASS
					20	-11.01494	-0.01334	PASS
					30	-10.09941	-0.01223	PASS
					40	-9.14097	-0.01107	PASS
					50	-11.12938	-0.01348	PASS
			MCH	VN	-30	-4.22001	-0.00504	PASS
					-20	-6.95229	-0.00831	PASS
					-10	-5.70774	-0.00682	PASS
					0	-6.26564	-0.00749	PASS
					10	-6.16550	-0.00737	PASS
					20	-6.65188	-0.00795	PASS
					30	-3.57628	-0.00428	PASS
			HCH	VN	-30	-9.51290	-0.01122	PASS
					-20	-9.92775	-0.01171	PASS
					-10	-7.12395	-0.00841	PASS
					0	-7.96795	-0.00940	PASS
					10	-6.17981	-0.00729	PASS
					20	-7.51018	-0.00886	PASS
					30	-8.49724	-0.01003	PASS
			LCH	VN	40	-7.83920	-0.00925	PASS
					50	-6.39439	-0.00754	PASS
					-30	-6.88076	-0.00833	PASS
					-20	-5.52177	-0.00668	PASS
					-10	-6.90937	-0.00836	PASS
					0	-6.70910	-0.00812	PASS
					10	-6.70910	-0.00812	PASS
			MCH	VN	20	-9.77039	-0.01182	PASS
					30	-7.29561	-0.00883	PASS
40	-10.35690	-0.01253			PASS			
50	-7.71046	-0.00933			PASS			
-30	-9.08375	-0.01086			PASS			
-20	-4.43459	-0.00530			PASS			
-10	-6.38008	-0.00763			PASS			
0	-8.25405	-0.00987	PASS					
10	-5.99384	-0.00717	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict								
					20	-5.46455	-0.00653	PASS								
					30	-5.85079	-0.00699	PASS								
					40	-8.64029	-0.01033	PASS								
					50	-8.21114	-0.00982	PASS								
			HCH	VN				-30	-4.23431	-0.00500	PASS					
								-20	-7.55310	-0.00892	PASS					
								-10	-8.22544	-0.00972	PASS					
								0	-8.16822	-0.00965	PASS					
								10	-4.82082	-0.00570	PASS					
								20	-7.48158	-0.00884	PASS					
								30	-3.77655	-0.00446	PASS					
								40	-8.06808	-0.00953	PASS					
								50	-7.48158	-0.00884	PASS					
								LCH	VN				-30	-9.32694	-0.01125	PASS
													-20	-8.02517	-0.00968	PASS
													-10	-7.78198	-0.00939	PASS
			0	-10.97202	-0.01324	PASS										
			10	-6.79493	-0.00820	PASS										
			20	-7.53880	-0.00909	PASS										
			30	-8.05378	-0.00972	PASS										
		40	-6.75201	-0.00814	PASS											
		MCH	VN				50	-5.87940	-0.00709	PASS						
							-30	-9.67026	-0.01156	PASS						
							-20	-6.06537	-0.00725	PASS						
							-10	-5.82218	-0.00696	PASS						
							0	-5.00679	-0.00599	PASS						
							10	-8.68320	-0.01038	PASS						
							20	-4.64916	-0.00556	PASS						
							30	-3.74794	-0.00448	PASS						
		HCH	VN				40	-7.48158	-0.00894	PASS						
							50	-6.60896	-0.00790	PASS						
							-30	-6.90937	-0.00819	PASS						
							-20	-11.75880	-0.01393	PASS						
							-10	-8.49724	-0.01007	PASS						
							0	-9.57012	-0.01134	PASS						
							10	-6.25134	-0.00741	PASS						
							20	-11.28674	-0.01337	PASS						
							30	-12.67433	-0.01502	PASS						
							40	-11.24382	-0.01332	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	50	-8.78334	-0.01041	PASS
					-30	-11.74450	-0.01424	PASS
					-20	-9.19819	-0.01115	PASS
					-10	-10.97202	-0.01330	PASS
					0	-1.17302	-0.00142	PASS
					10	-10.07080	-0.01221	PASS
					20	-12.35962	-0.01499	PASS
					30	-9.52721	-0.01155	PASS
					40	-10.75745	-0.01304	PASS
			50	-12.34531	-0.01497	PASS		
			MCH	VN	-30	-6.16550	-0.00737	PASS
					-20	-8.78334	-0.01050	PASS
					-10	-7.56741	-0.00905	PASS
					0	-8.26836	-0.00988	PASS
					10	-4.84943	-0.00580	PASS
					20	-9.78470	-0.01170	PASS
					30	-6.50883	-0.00778	PASS
					40	-8.78334	-0.01050	PASS
		50			-8.18253	-0.00978	PASS	
		HCH	VN	-30	-2.93255	-0.00346	PASS	
				-20	0.51498	0.00061	PASS	
				-10	1.48773	0.00175	PASS	
				0	-2.96116	-0.00349	PASS	
				10	1.87397	0.00221	PASS	
				20	0.22888	0.00027	PASS	
				30	-7.71046	-0.00909	PASS	
				40	-1.38760	-0.00164	PASS	
				50	-2.93255	-0.00346	PASS	
		3	LCH	VN	-30	-6.38008	-0.00773	PASS
					-20	-8.06808	-0.00977	PASS
					-10	-6.22272	-0.00754	PASS
					0	-7.73907	-0.00938	PASS
					10	-7.03812	-0.00853	PASS
					20	-7.56741	-0.00917	PASS
					30	-7.62463	-0.00924	PASS
					40	-4.86374	-0.00589	PASS
50	-5.42164				-0.00657	PASS		
MCH	VN		-30	-7.61032	-0.00910	PASS		
			-20	-10.44273	-0.01248	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict				
					-10	-7.61032	-0.00910	PASS				
					0	-7.53880	-0.00901	PASS				
					10	-8.71181	-0.01041	PASS				
					20	-9.12666	-0.01091	PASS				
					30	-4.67777	-0.00559	PASS				
					40	-9.58443	-0.01146	PASS				
					50	-7.61032	-0.00910	PASS				
			HCH	VN				-30	-7.81059	-0.00922	PASS	
								-20	-10.80036	-0.01274	PASS	
								-10	-8.68320	-0.01025	PASS	
								0	-8.96931	-0.01058	PASS	
								10	-8.62598	-0.01018	PASS	
								20	-5.97954	-0.00706	PASS	
								30	-6.15120	-0.00726	PASS	
			LCH	VN					40	-9.36985	-0.01106	PASS
									50	-5.53608	-0.00653	PASS
									-30	-9.09805	-0.01101	PASS
									-20	-6.06537	-0.00734	PASS
									-10	-5.47886	-0.00663	PASS
									0	-8.16822	-0.00988	PASS
		10							-4.96387	-0.00601	PASS	
		MCH	VN						20	-8.51154	-0.01030	PASS
									30	-7.42436	-0.00898	PASS
									40	-7.78198	-0.00942	PASS
									50	-7.75337	-0.00938	PASS
									-30	-6.93798	-0.00829	PASS
									-20	-4.06265	-0.00486	PASS
					-10				-9.14097	-0.01093	PASS	
		HCH	VN						0	-1.01566	-0.00121	PASS
									10	-3.61919	-0.00433	PASS
									20	-8.92639	-0.01067	PASS
									30	-8.21114	-0.00982	PASS
									40	-5.12123	-0.00612	PASS
									50	-7.58171	-0.00906	PASS
						-30			-5.37872	-0.00635	PASS	
									-20	-7.00951	-0.00828	PASS
									-10	-8.11100	-0.00958	PASS
									0	-6.66618	-0.00787	PASS
									10	-1.33038	-0.00157	PASS
									10	-1.33038	-0.00157	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					20	-8.02517	-0.00948	PASS		
					30	-6.46591	-0.00764	PASS		
					40	-8.41141	-0.00994	PASS		
					50	-5.79357	-0.00684	PASS		
		10	LCH	VN	-30	-6.09398	-0.00735	PASS		
					-20	-7.30991	-0.00882	PASS		
					-10	-7.22408	-0.00871	PASS		
					0	-6.96659	-0.00840	PASS		
					10	-5.16415	-0.00623	PASS		
					20	-7.79629	-0.00940	PASS		
					30	-6.19412	-0.00747	PASS		
					40	-6.82354	-0.00823	PASS		
					50	-6.98090	-0.00842	PASS		
					MCH	VN	-30	-4.56333	-0.00546	PASS
							-20	-5.46455	-0.00653	PASS
							-10	-6.82354	-0.00816	PASS
		0	-6.88076	-0.00823			PASS			
		10	-9.28402	-0.01110			PASS			
		20	-7.46727	-0.00893			PASS			
		30	-5.36442	-0.00641			PASS			
		40	-6.68049	-0.00799			PASS			
		HCH	VN	-30	-3.99113	-0.00473	PASS			
				-20	-4.62055	-0.00547	PASS			
				-10	-3.40462	-0.00403	PASS			
				0	-7.95364	-0.00942	PASS			
				10	-5.85079	-0.00693	PASS			
				20	-8.48293	-0.01005	PASS			
				30	-9.29833	-0.01102	PASS			
40	-6.49452			-0.00769	PASS					
50	-5.80788	-0.00688	PASS							

END