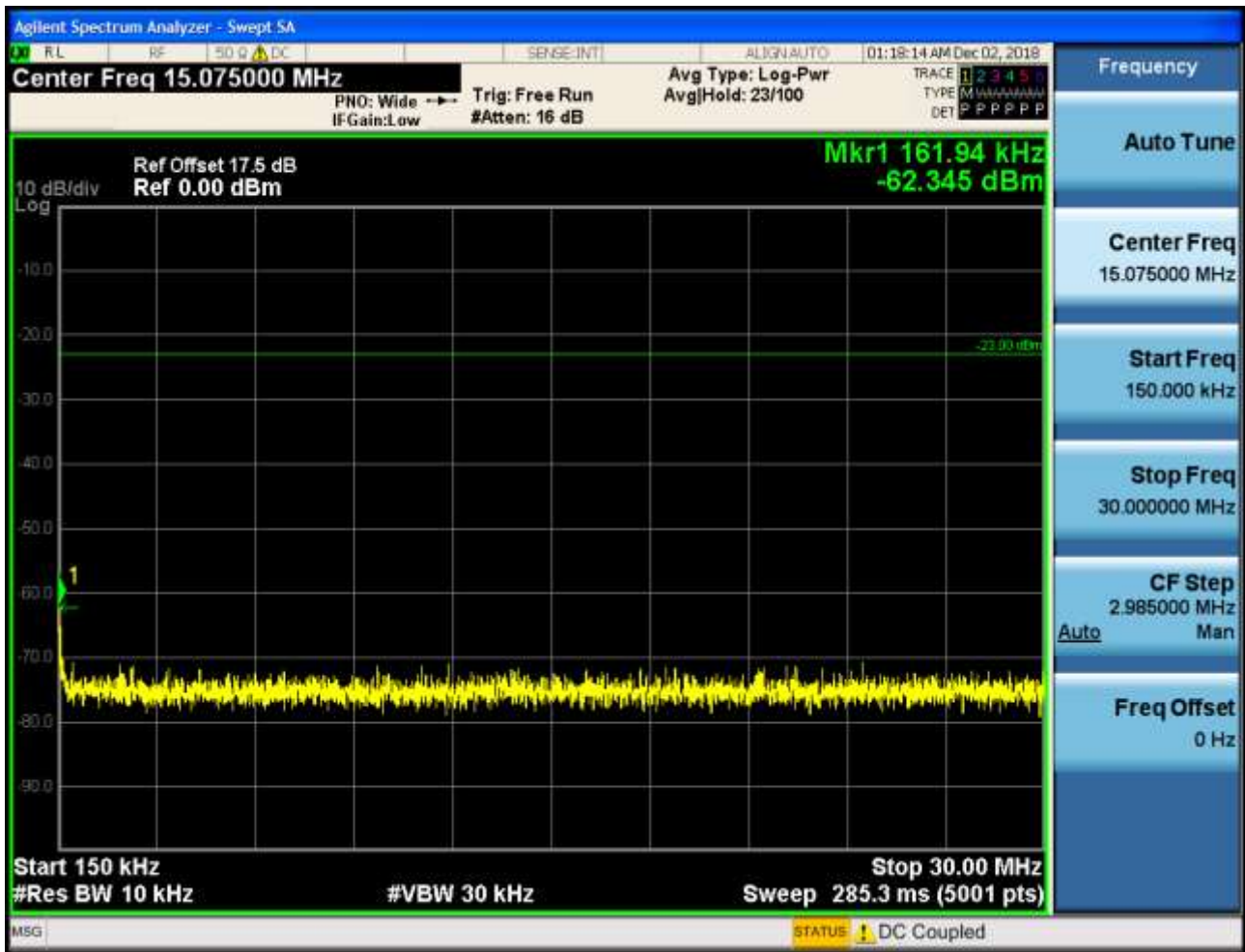
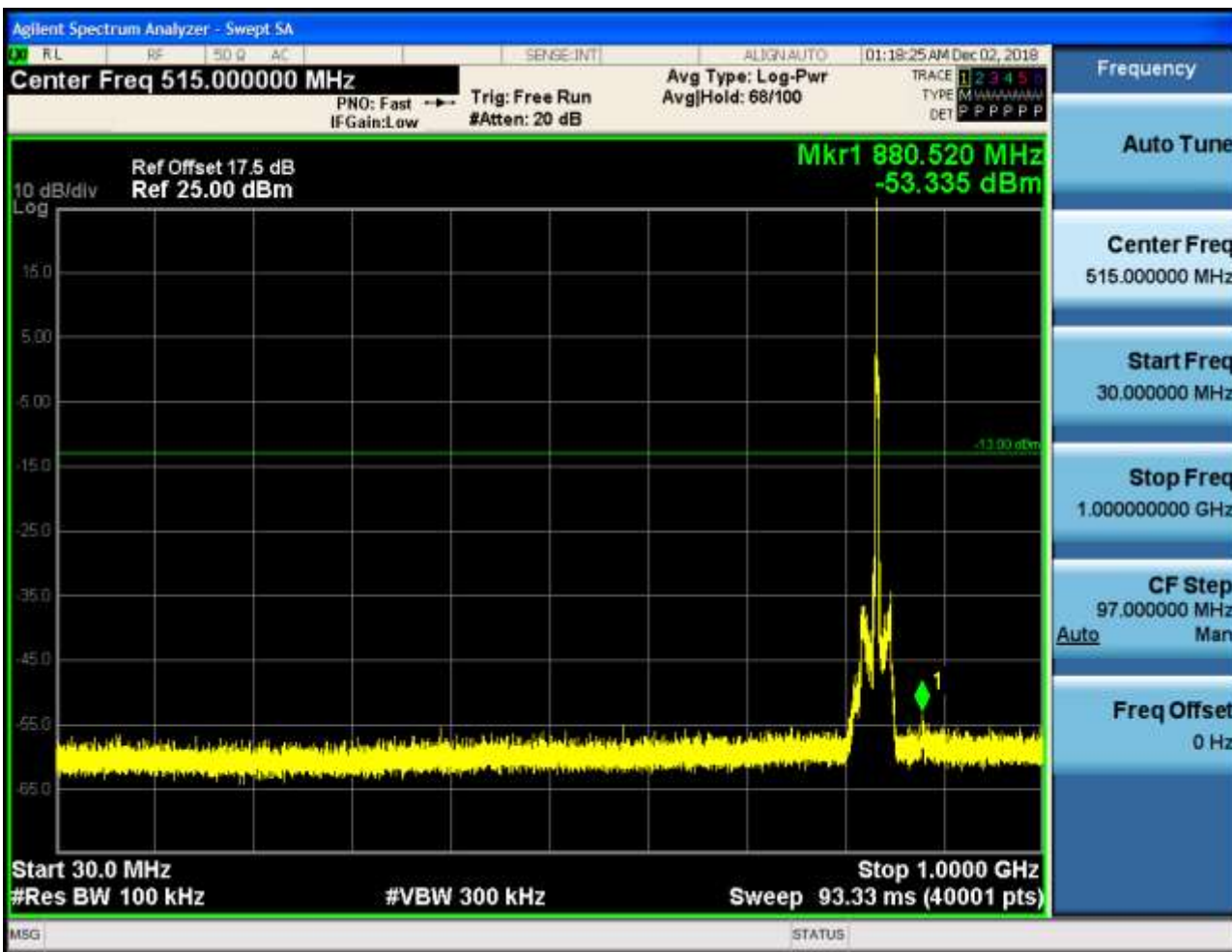


## 6.2.1.1.2.2 Test Channel = MCH

## 6.2.1.1.2.2.1 Test RB = RB1#0





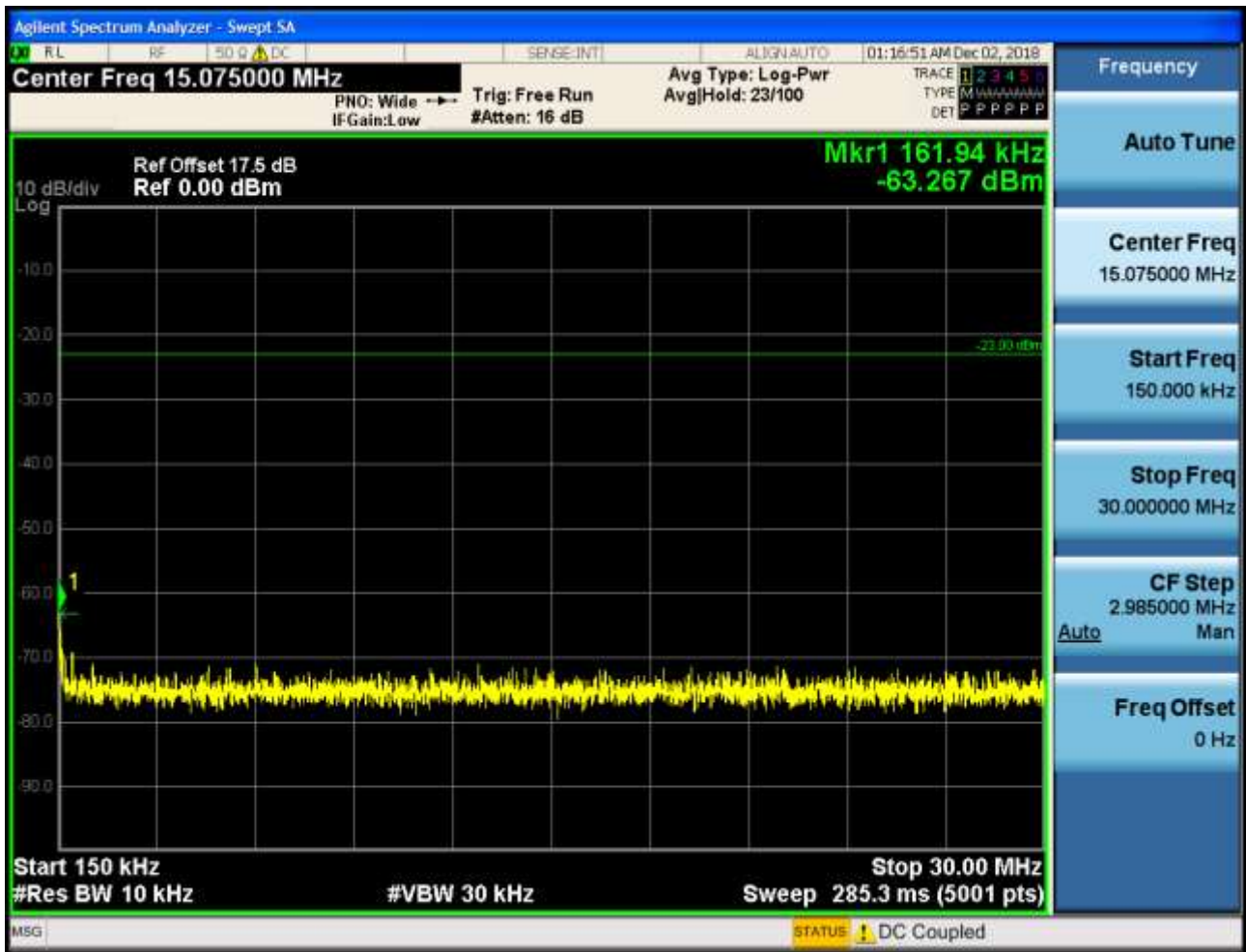


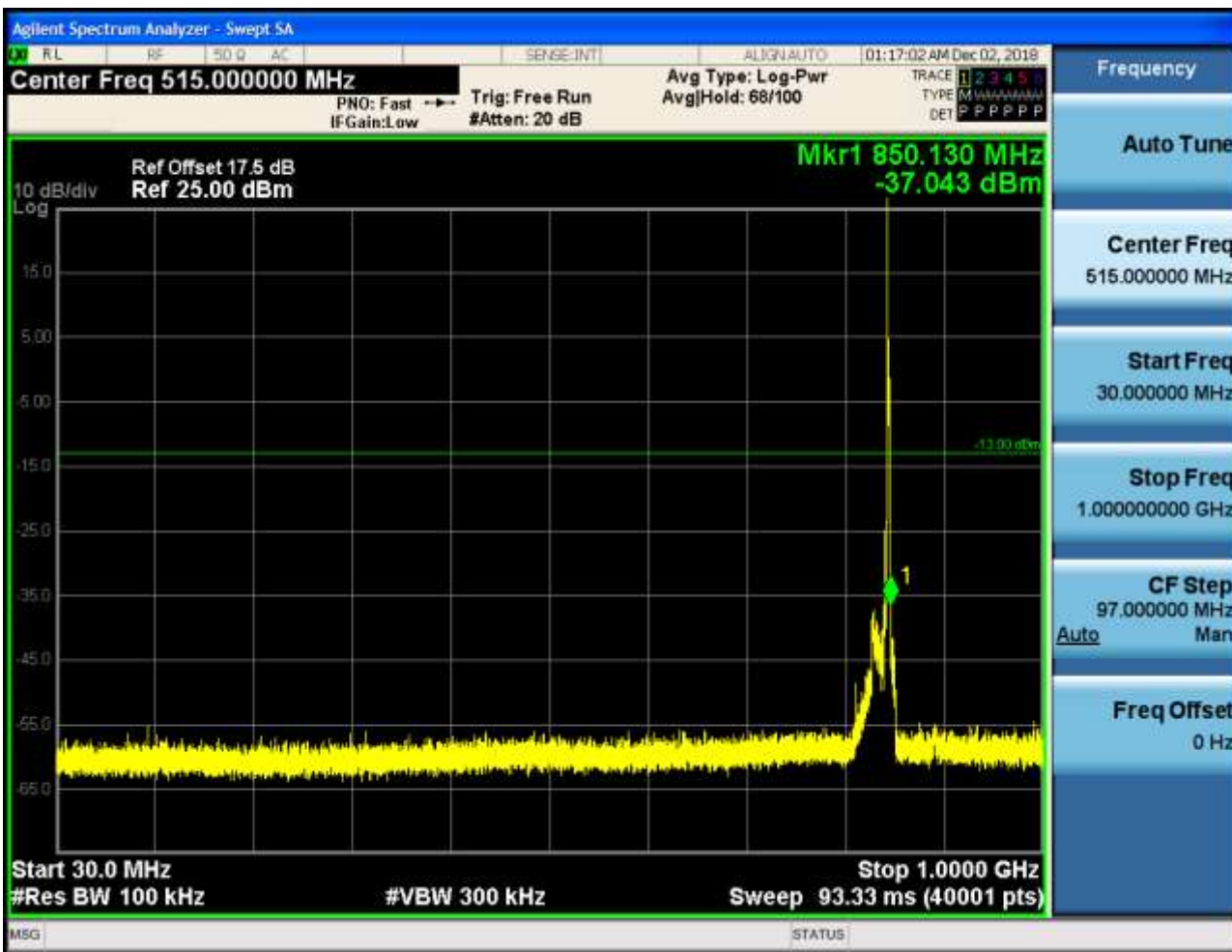


## 6.2.1.1.2.3 Test Channel = HCH

## 6.2.1.1.2.3.1 Test RB = RB1#0









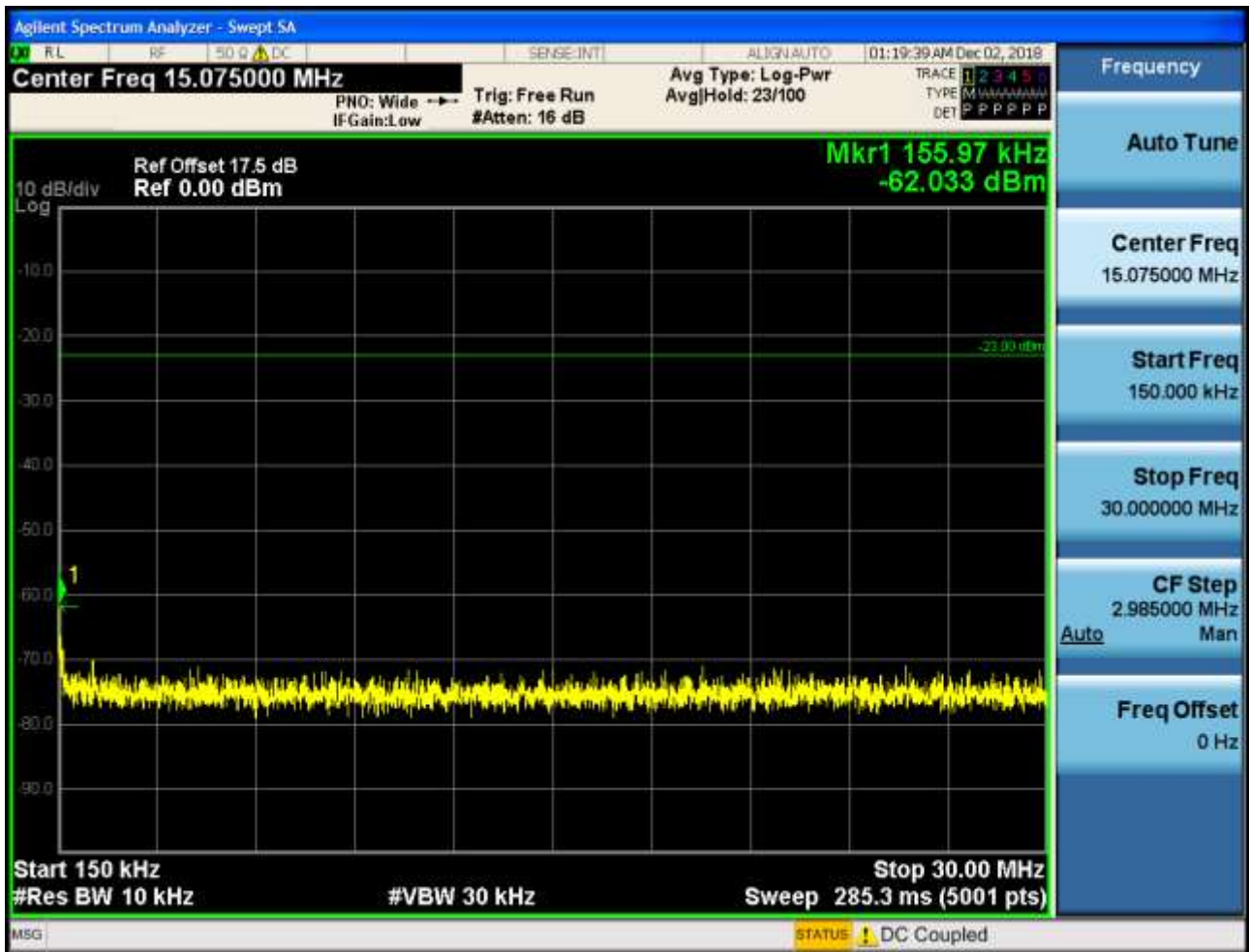


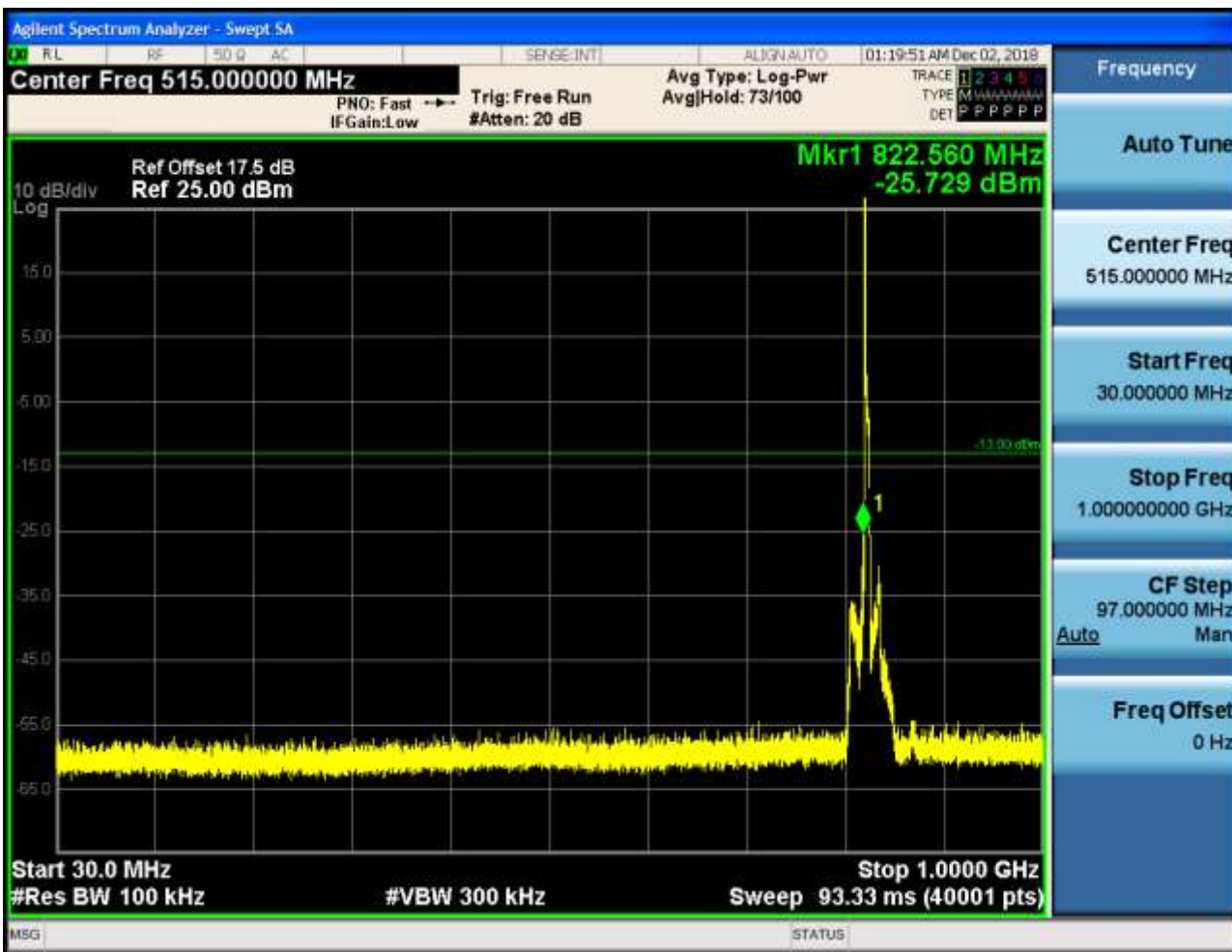
## 6.2.1.1.3 Test Bandwidth = 5

## 6.2.1.1.3.1 Test Channel = LCH

## 6.2.1.1.3.1.1 Test RB = RB1#0





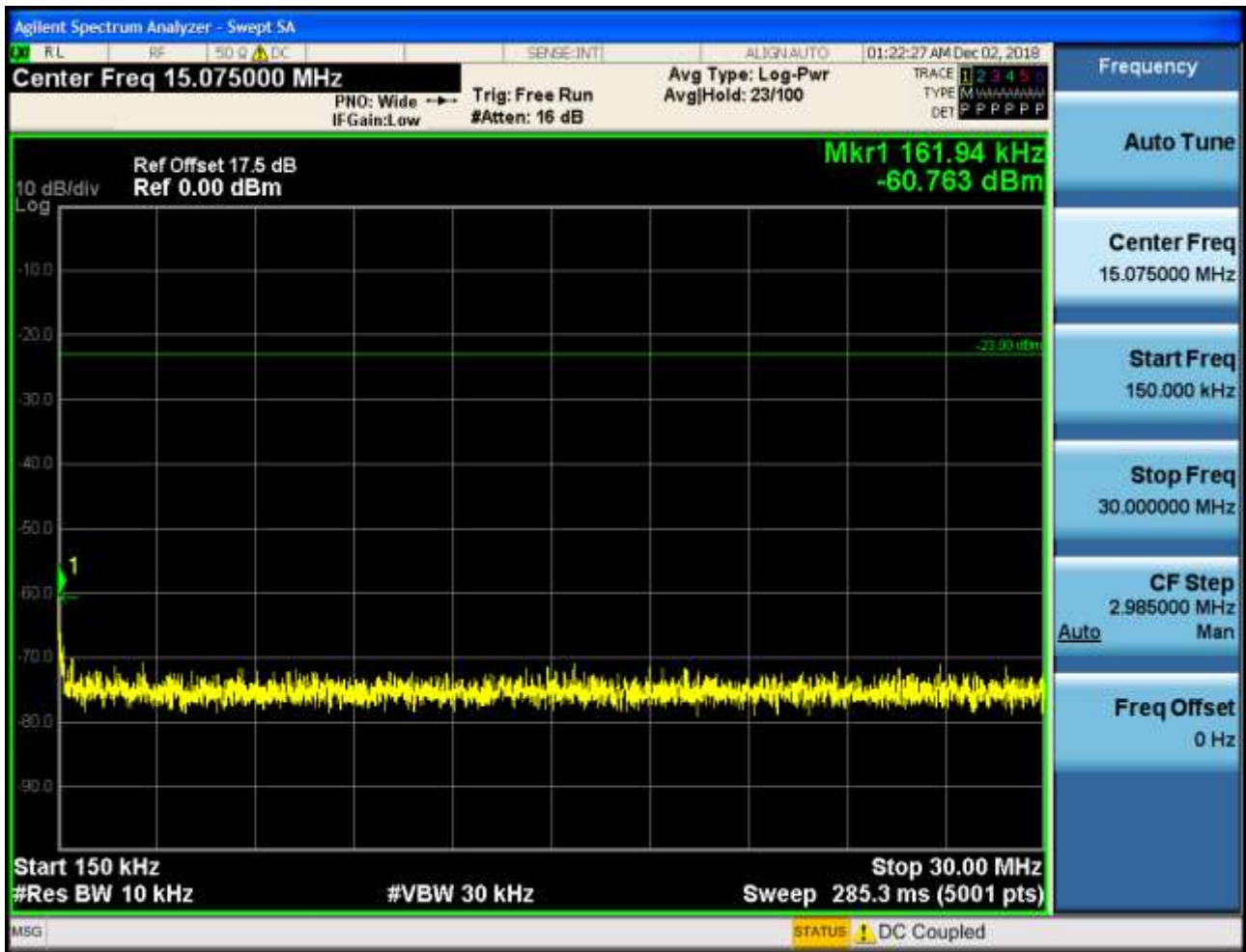


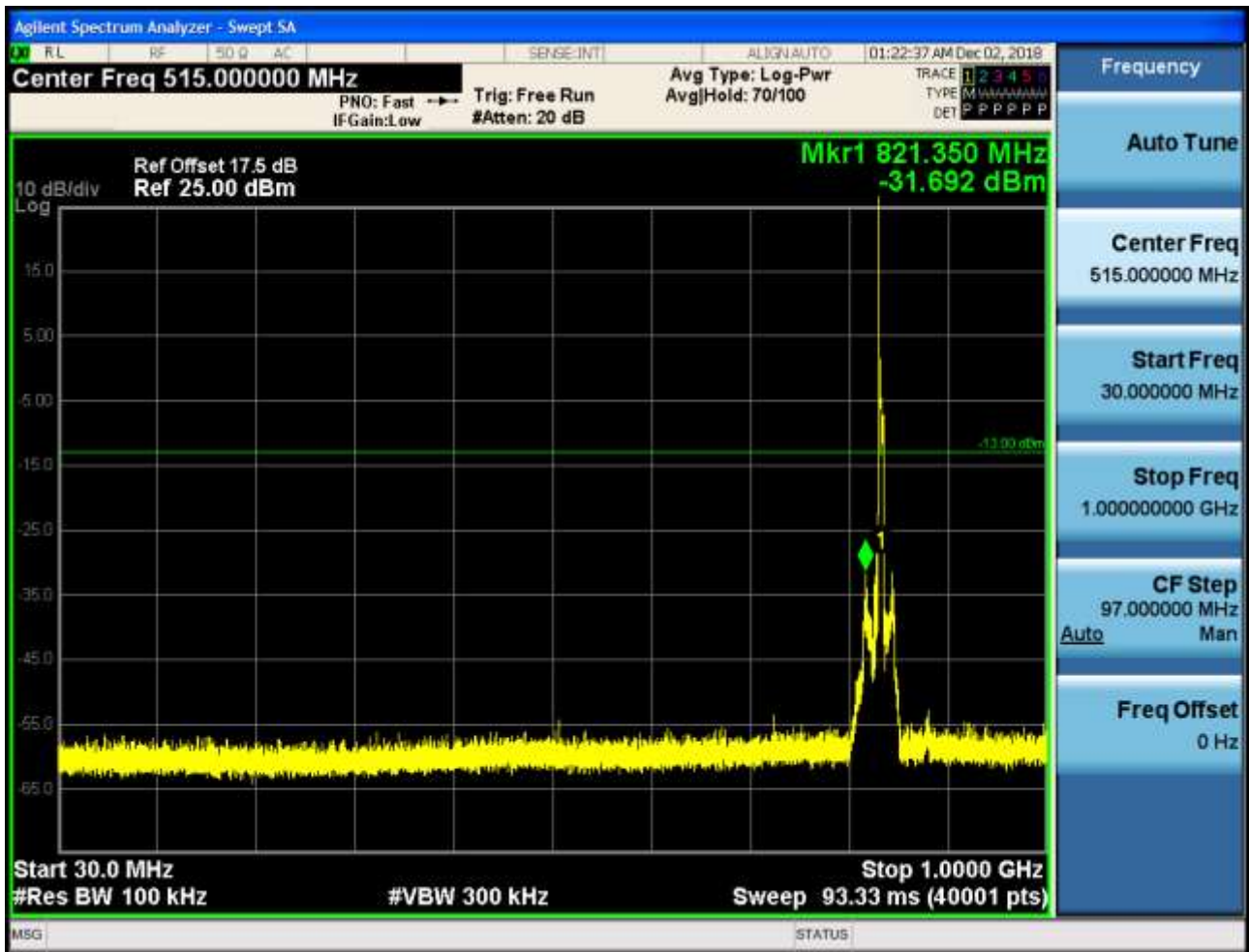


## 6.2.1.1.3.2 Test Channel = MCH

## 6.2.1.1.3.2.1 Test RB = RB1#0







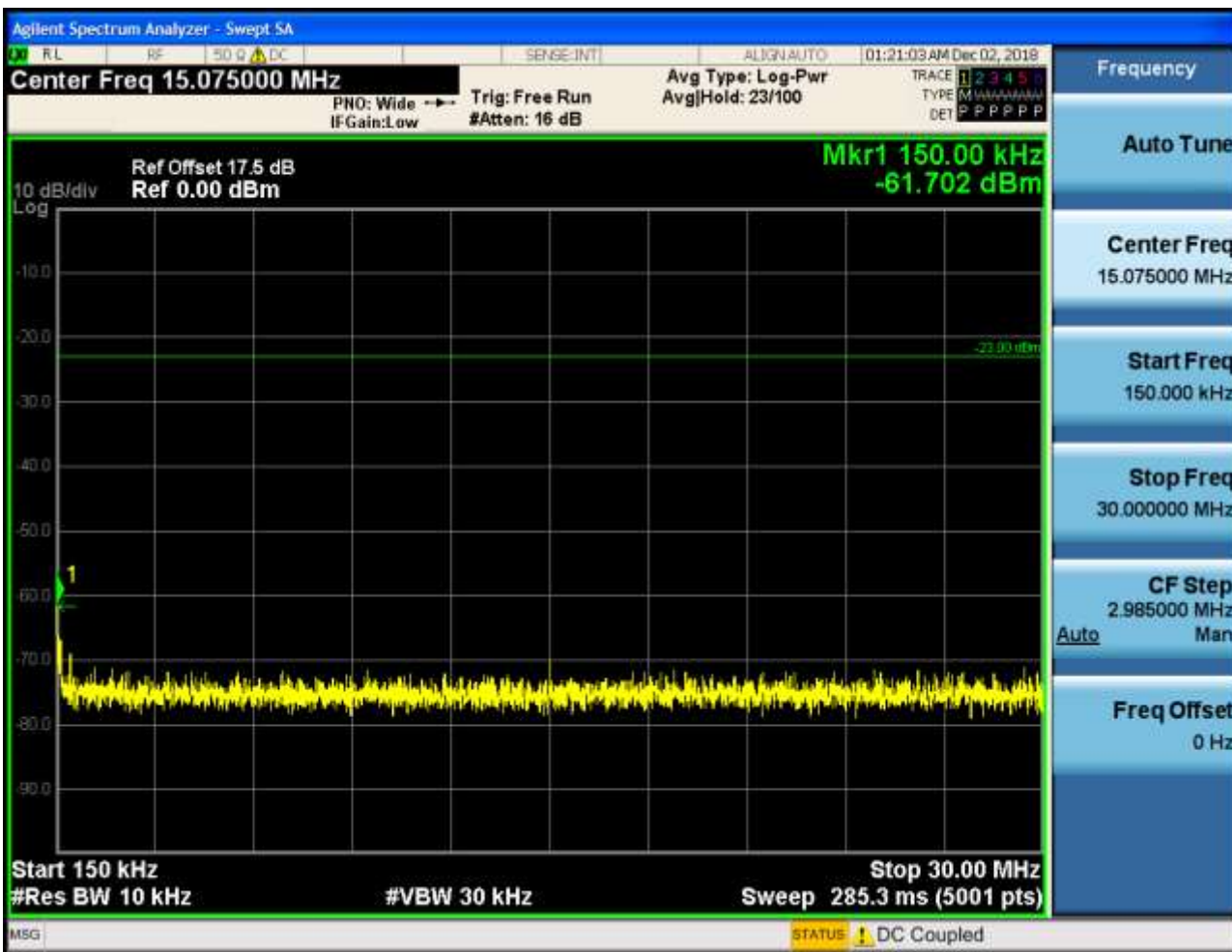


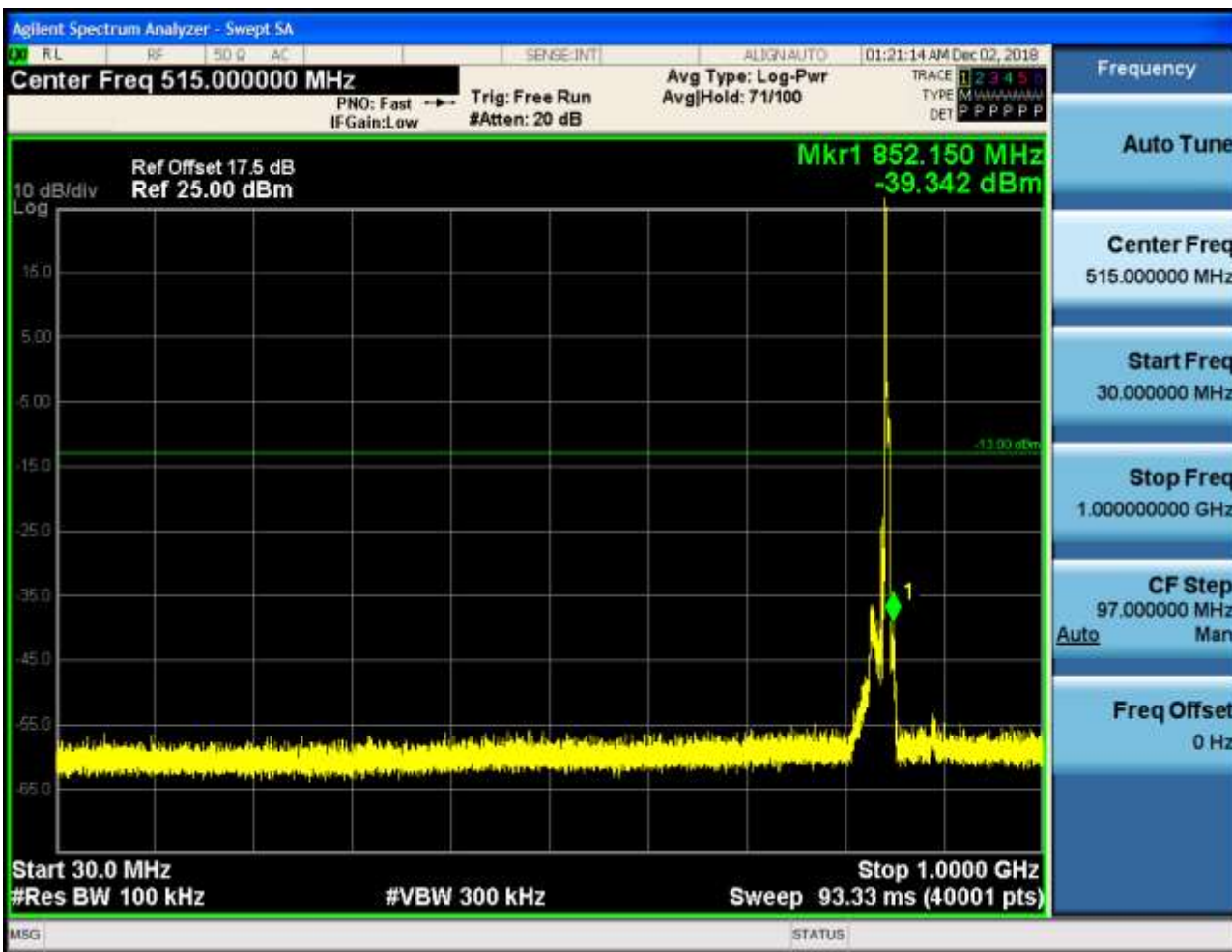


## 6.2.1.1.3.3 Test Channel = HCH

## 6.2.1.1.3.3.1 Test RB = RB1#0







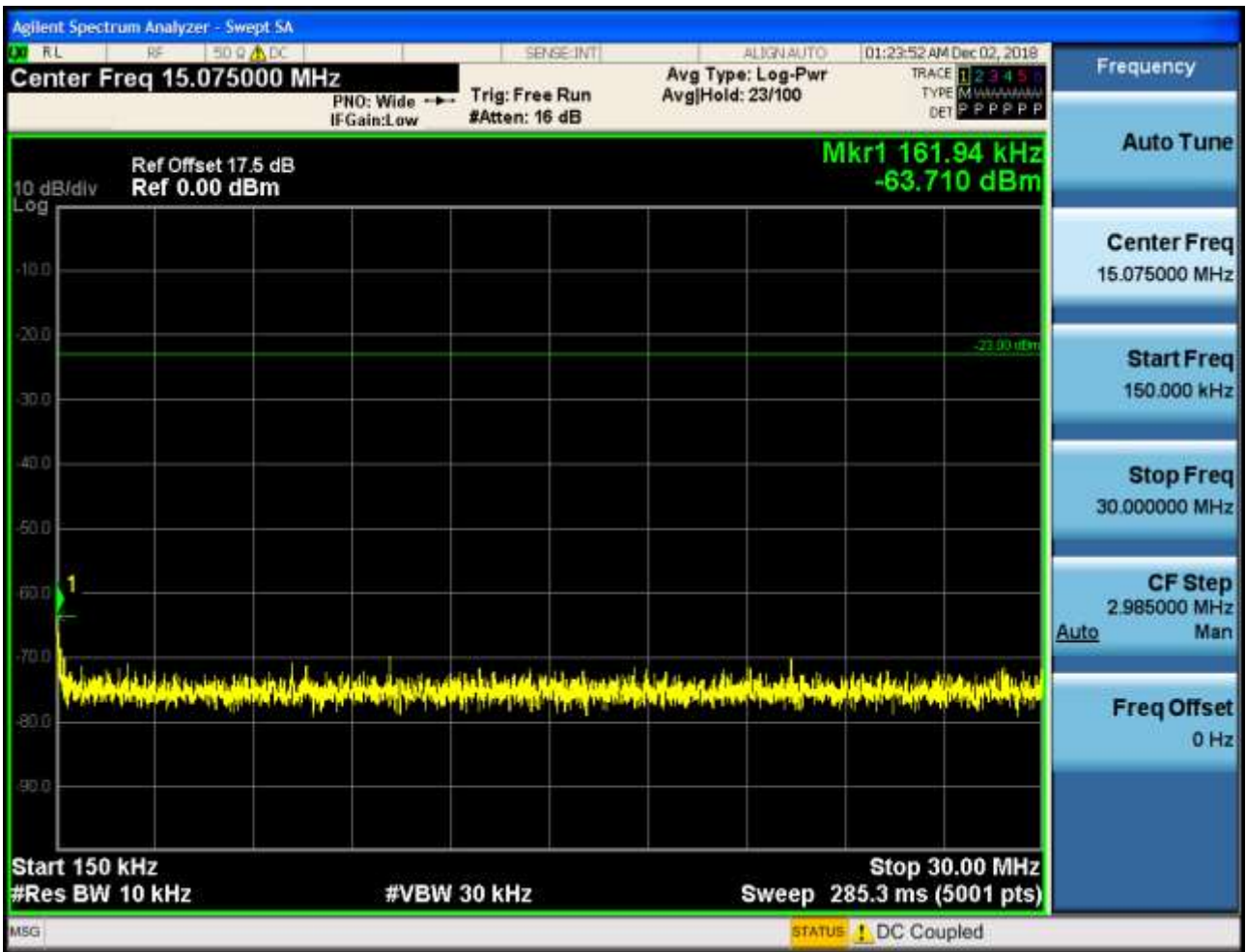


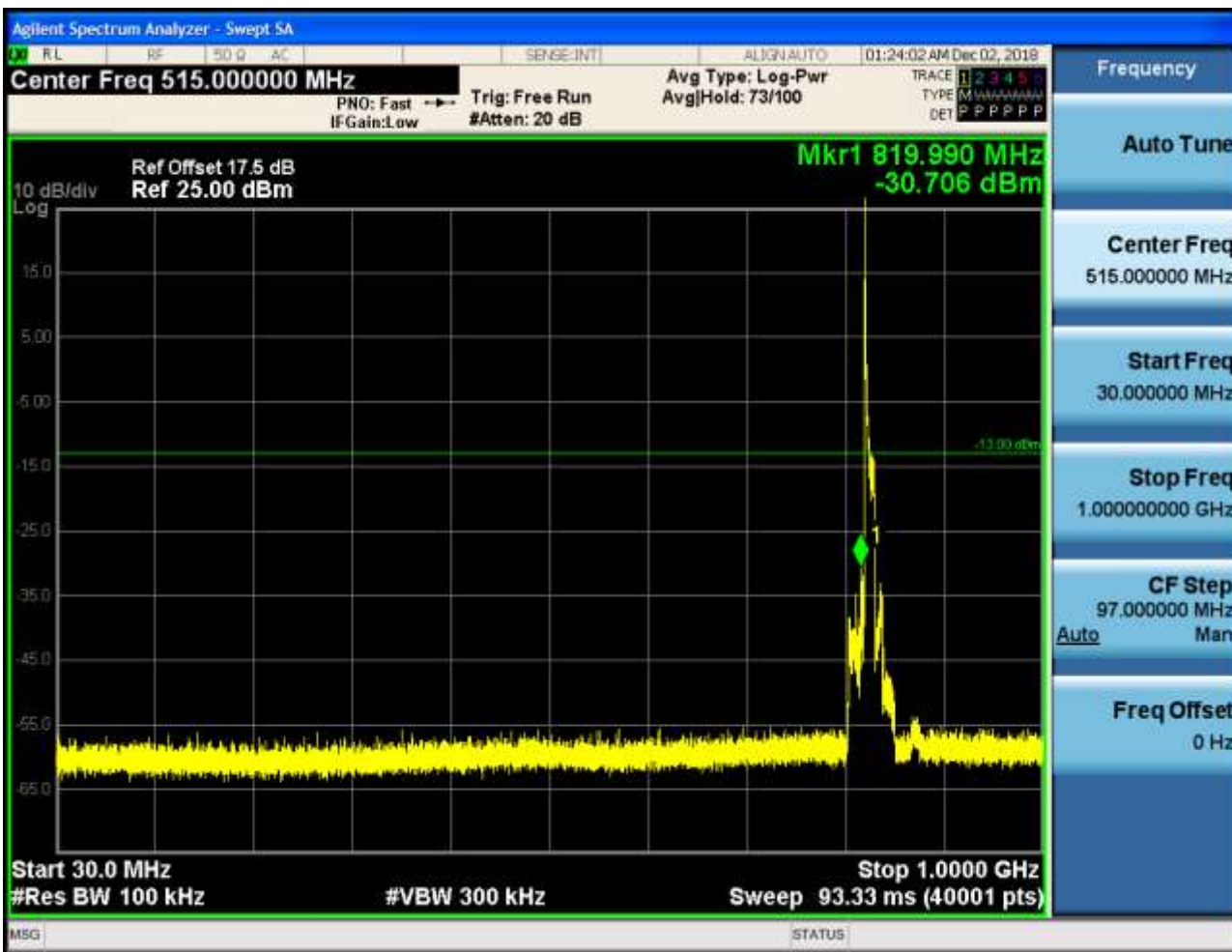
## 6.2.1.1.4 Test Bandwidth = 10

## 6.2.1.1.4.1 Test Channel = LCH

## 6.2.1.1.4.1.1 Test RB = RB1#0







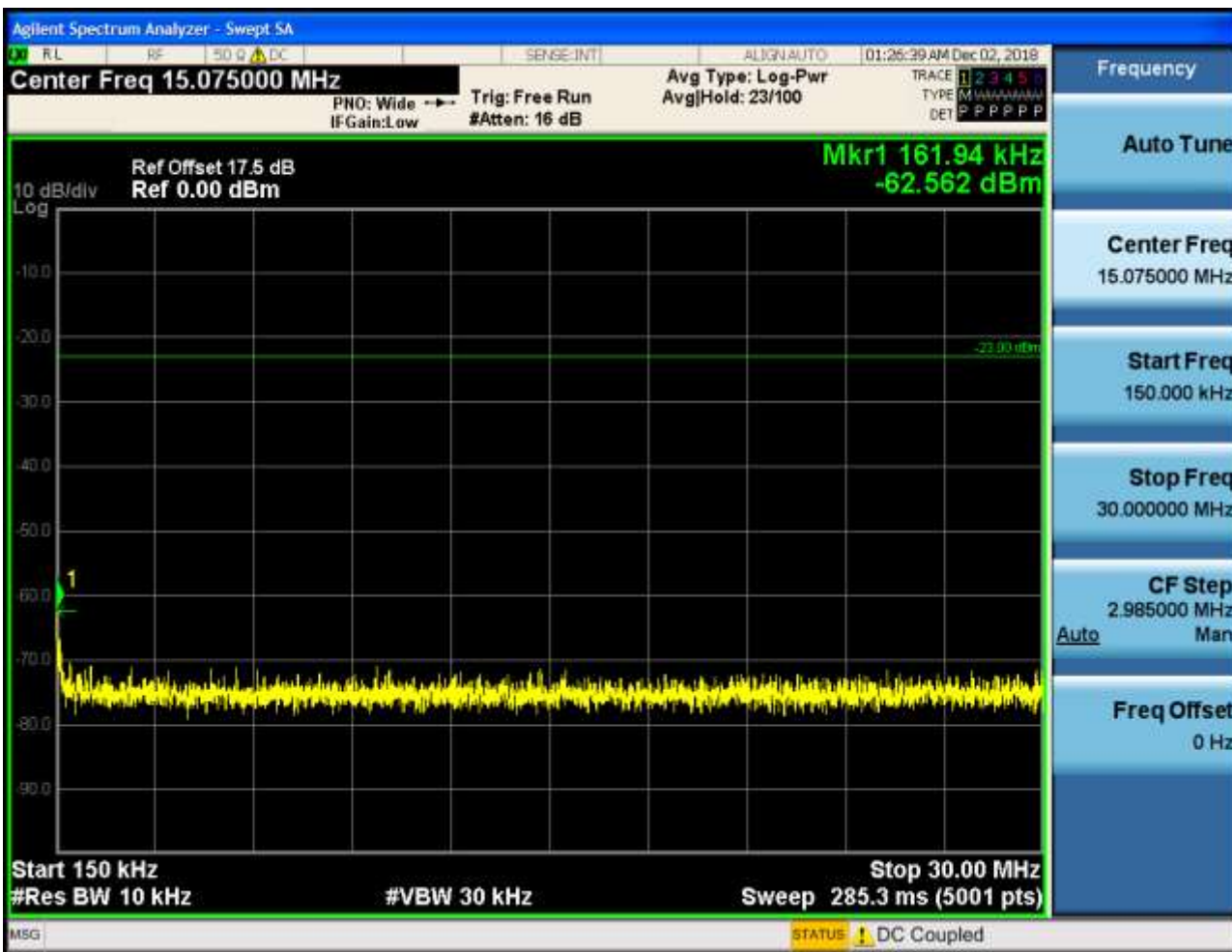


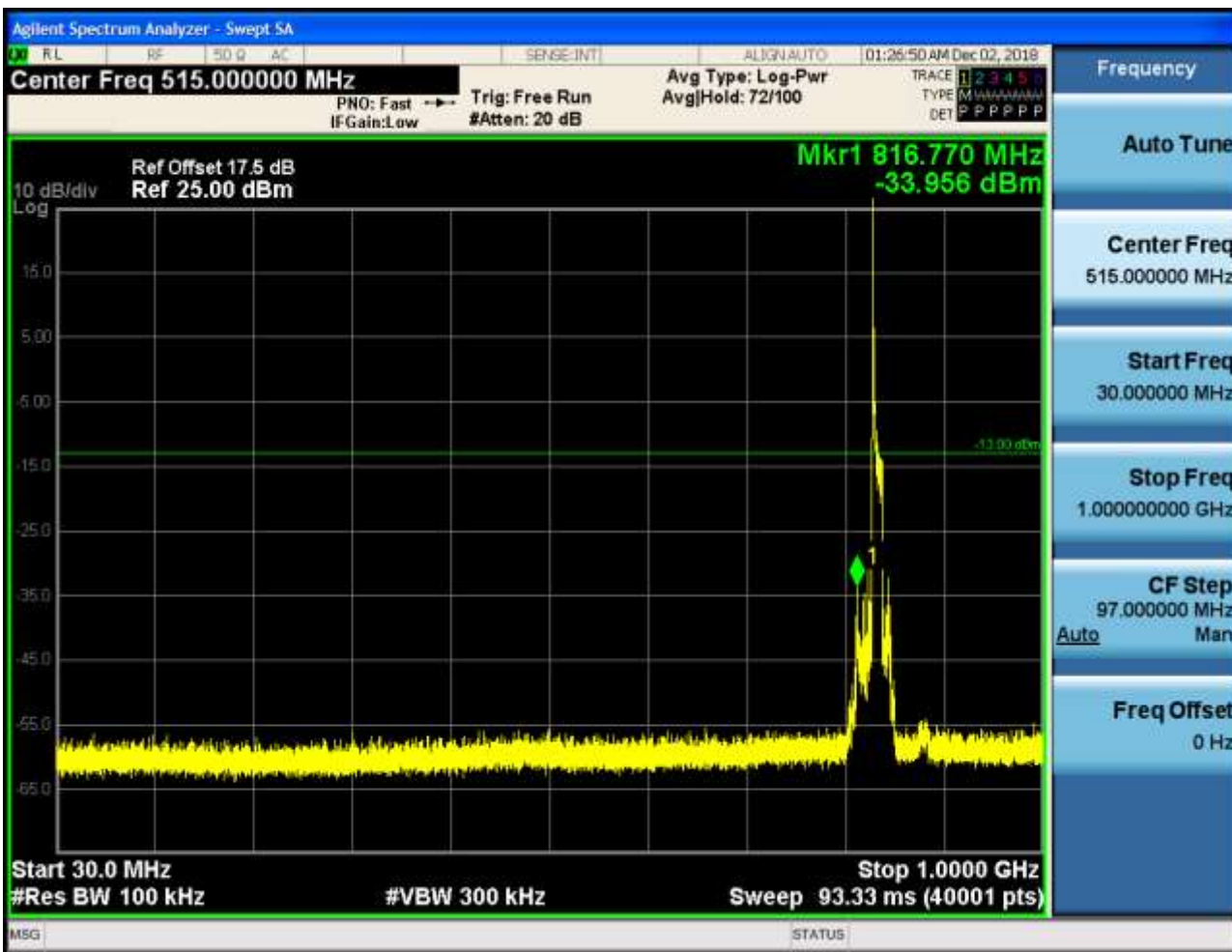


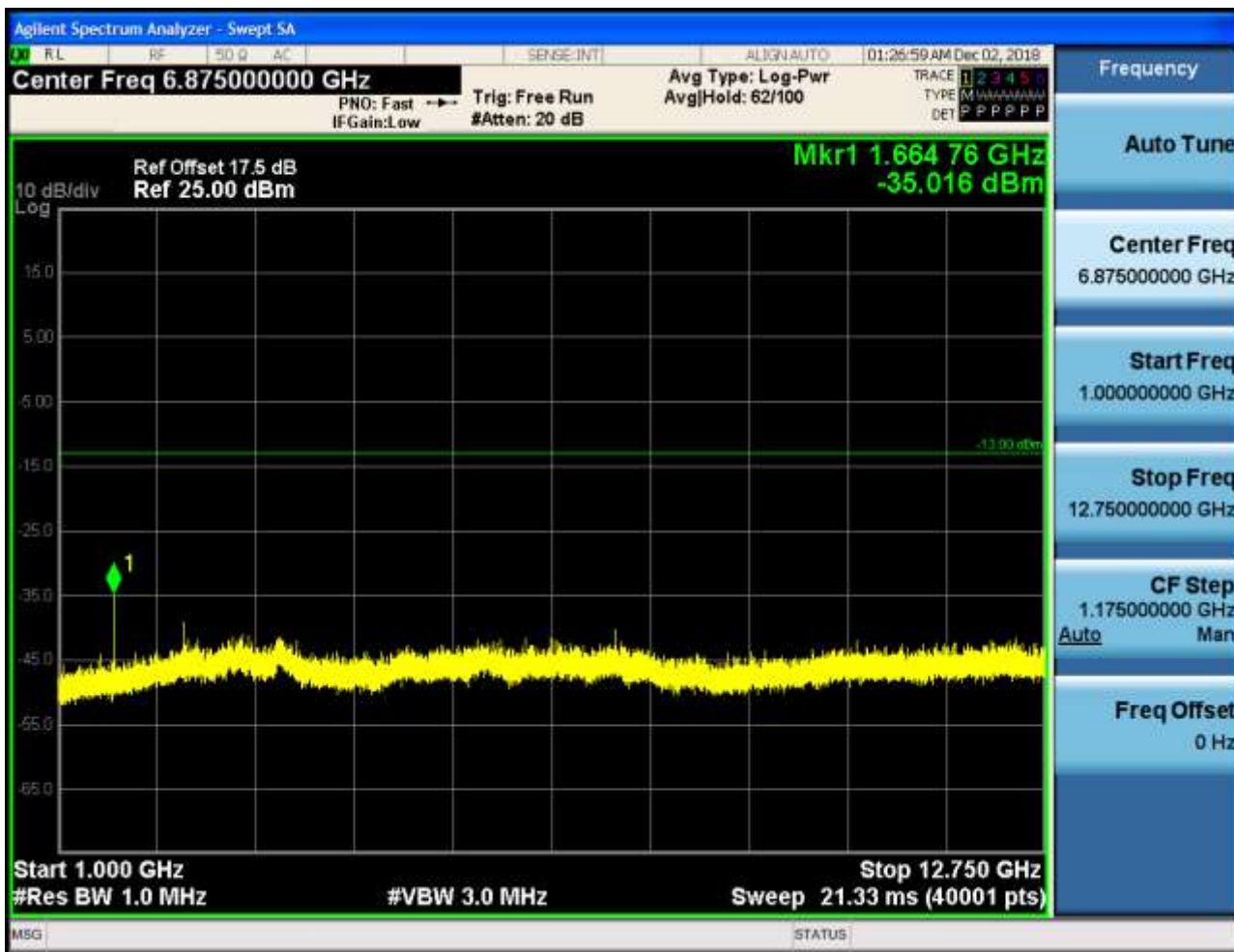
## 6.2.1.1.4.2 Test Channel = MCH

## 6.2.1.1.4.2.1 Test RB = RB1#0





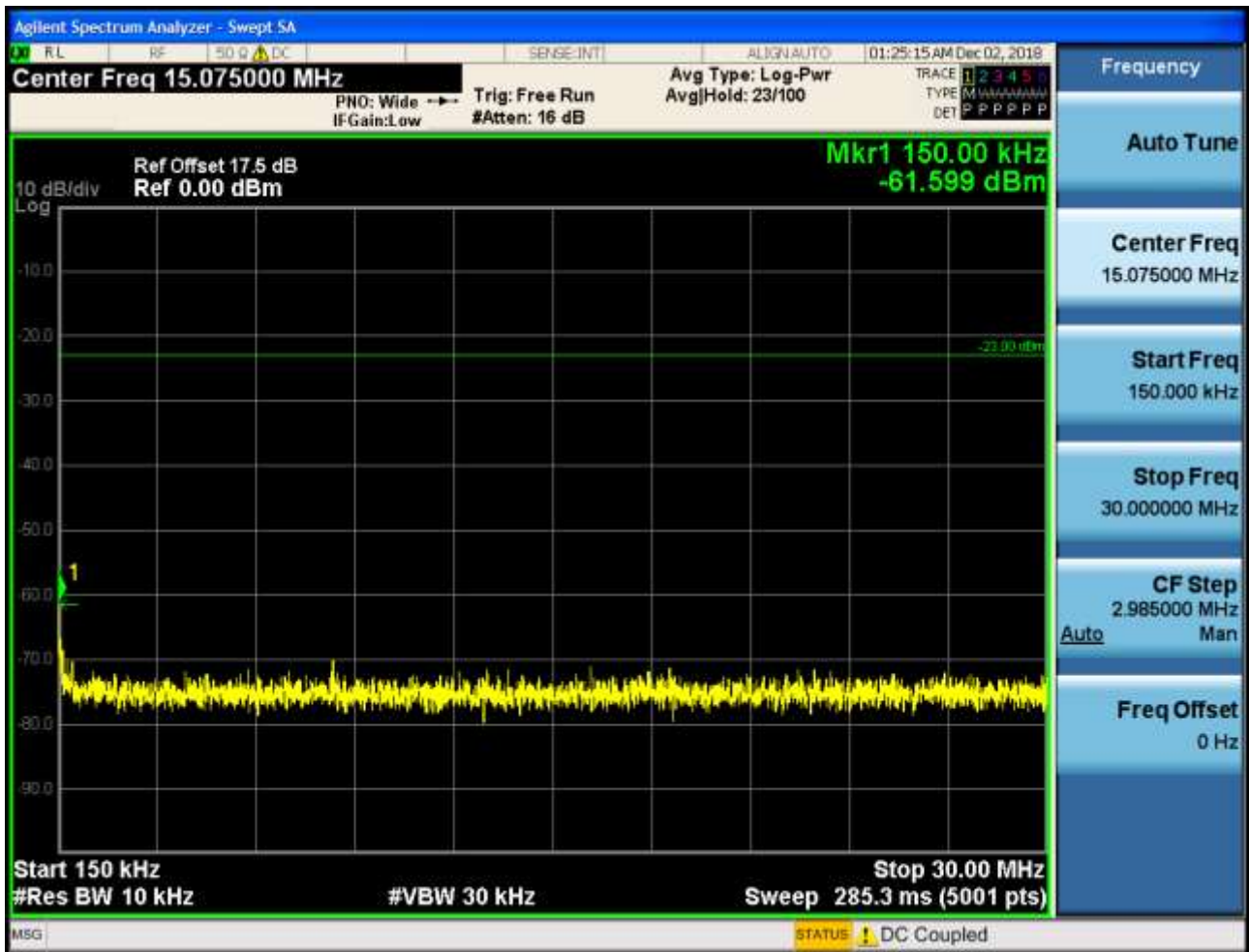


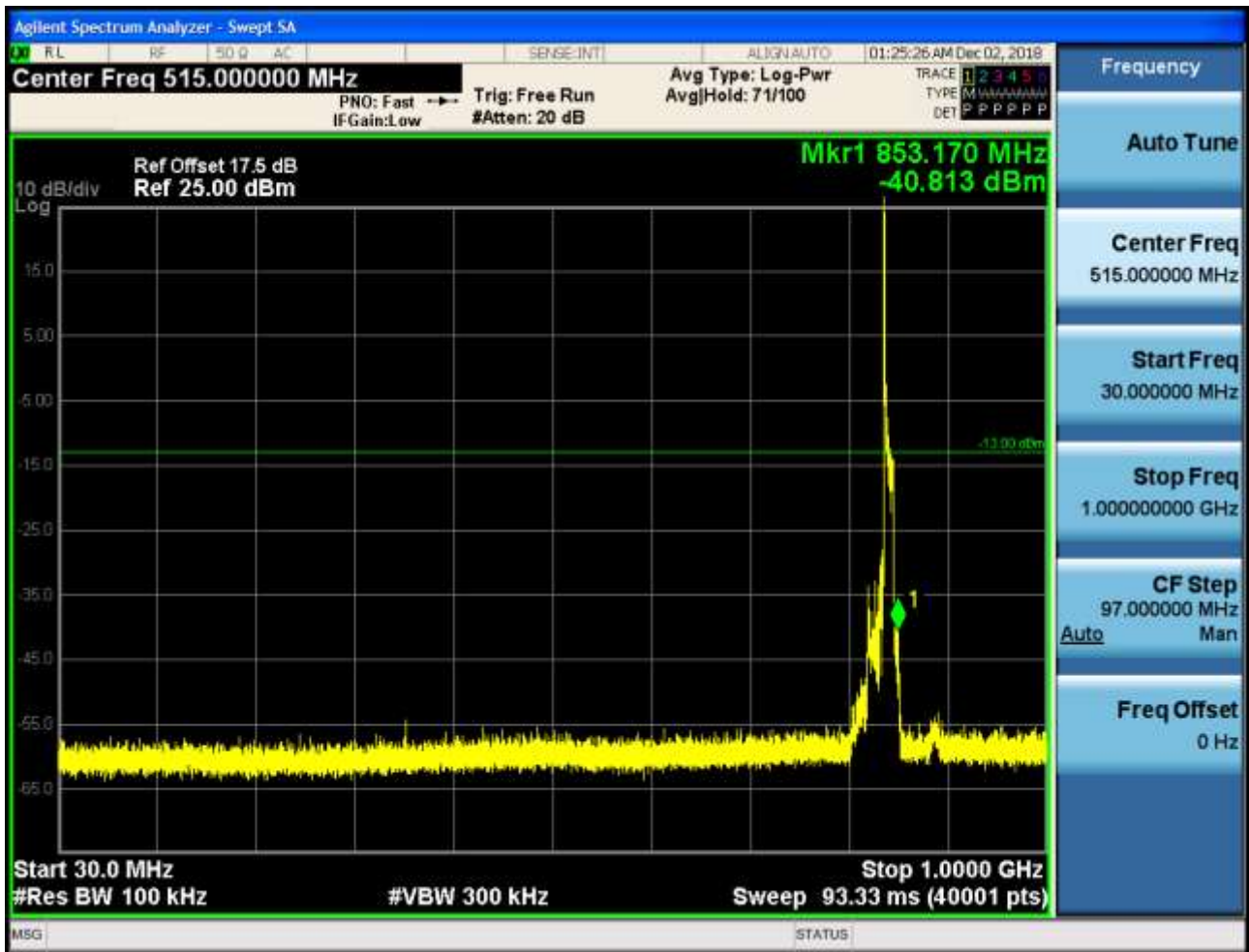


## 6.2.1.1.4.3 Test Channel = HCH

## 6.2.1.1.4.3.1 Test RB = RB1#0









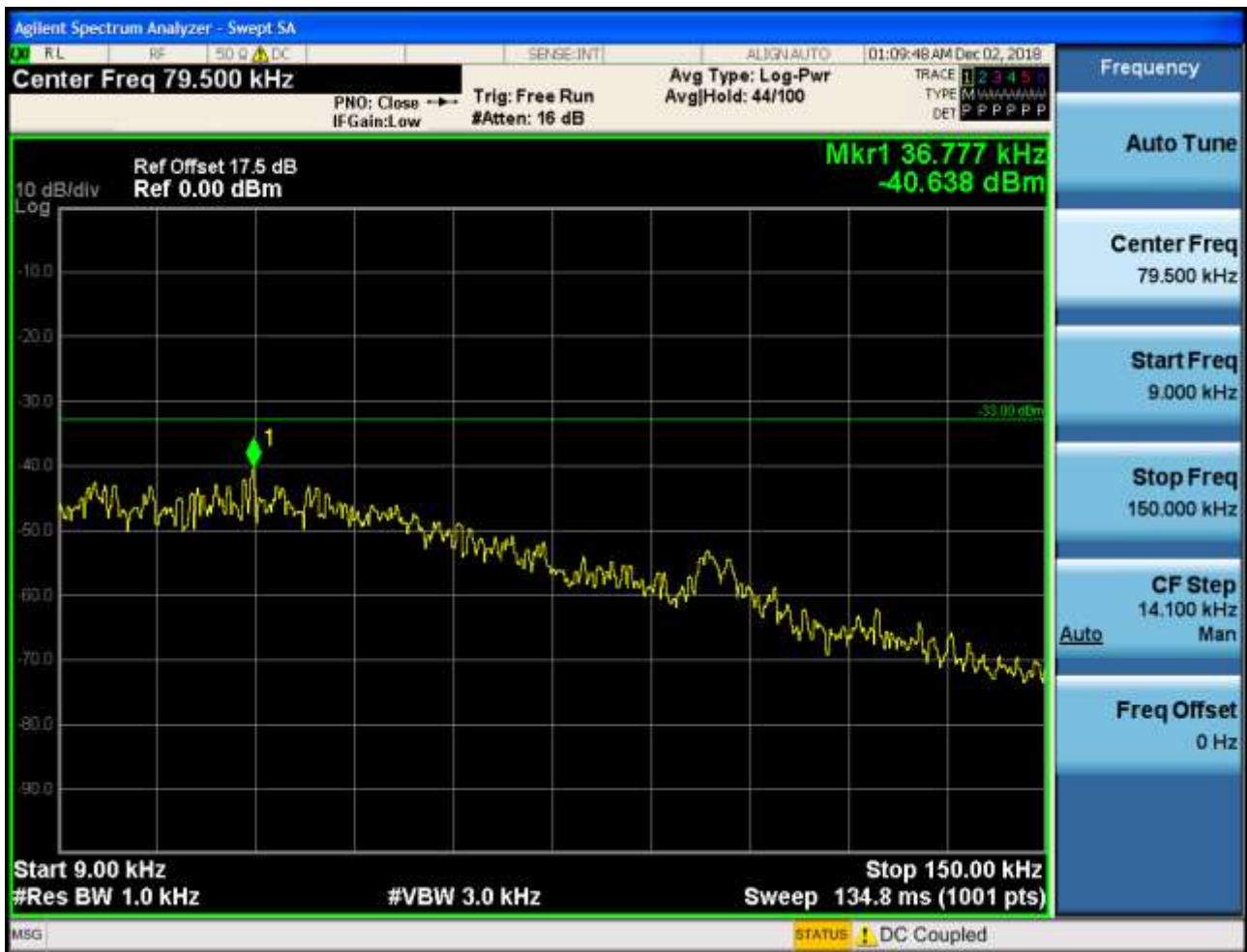


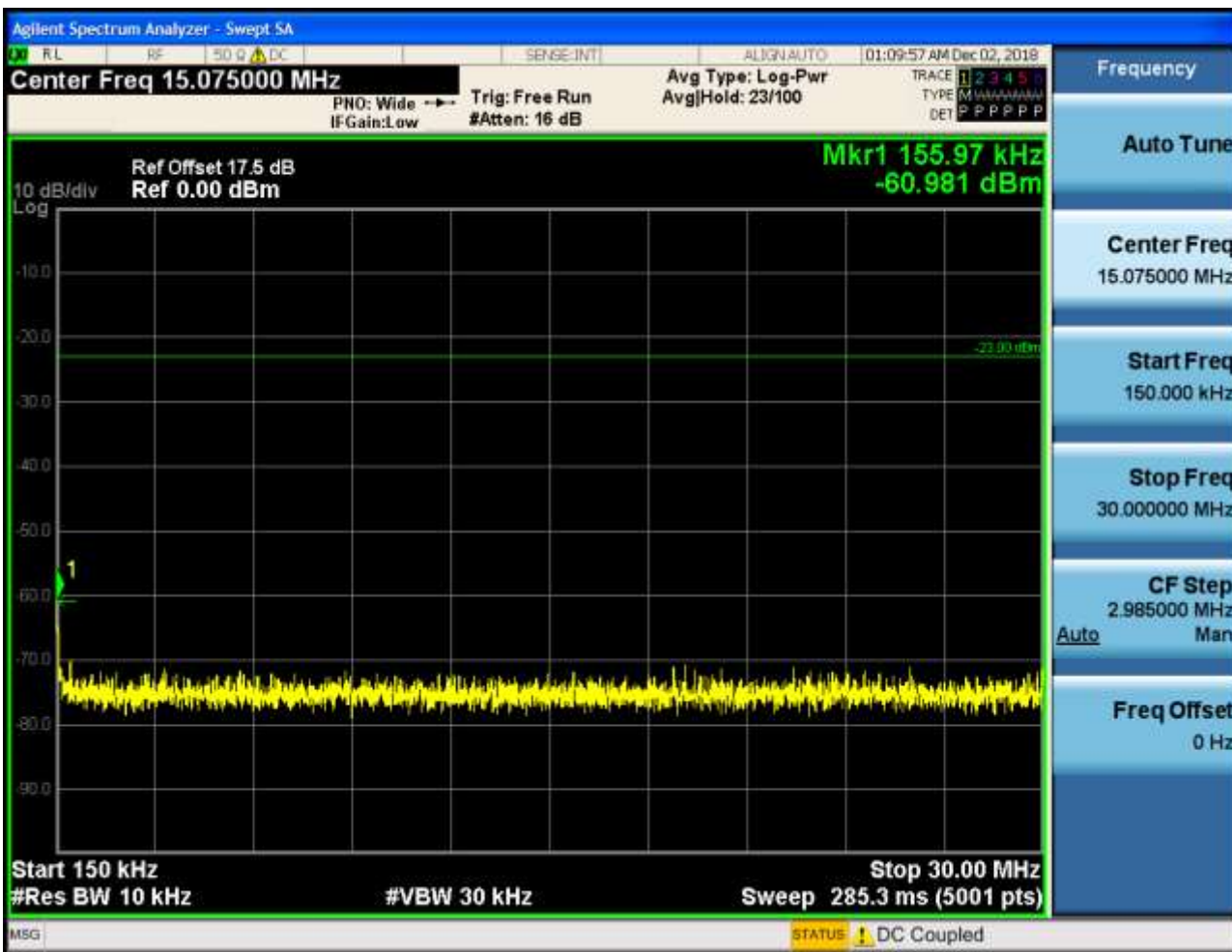
## 6.2.1.2 Test Mode = LTE/TM2

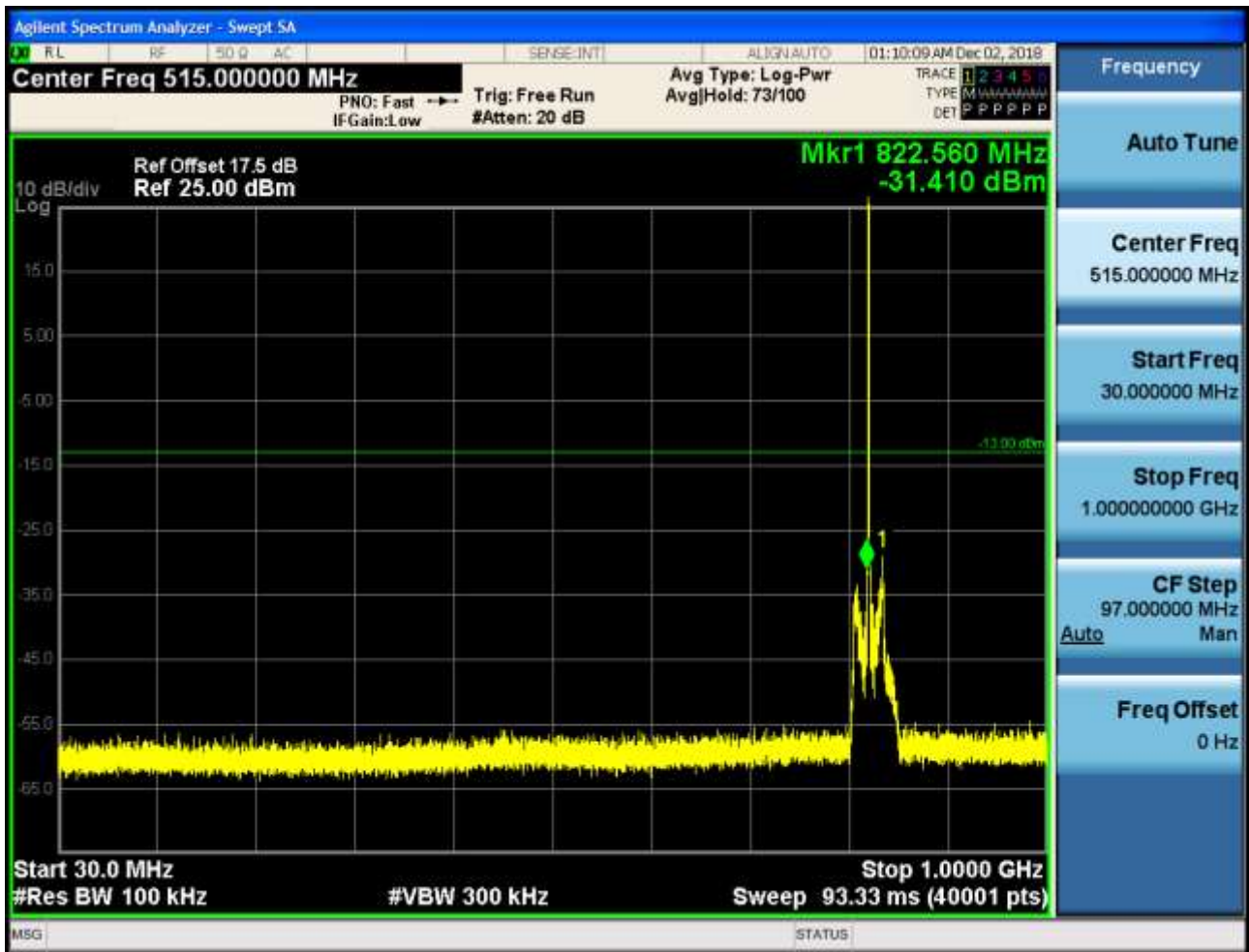
## 6.2.1.2.1 Test Bandwidth = 1.4

## 6.2.1.2.1.1 Test Channel = LCH

## 6.2.1.2.1.1.1 Test RB = RB1#0





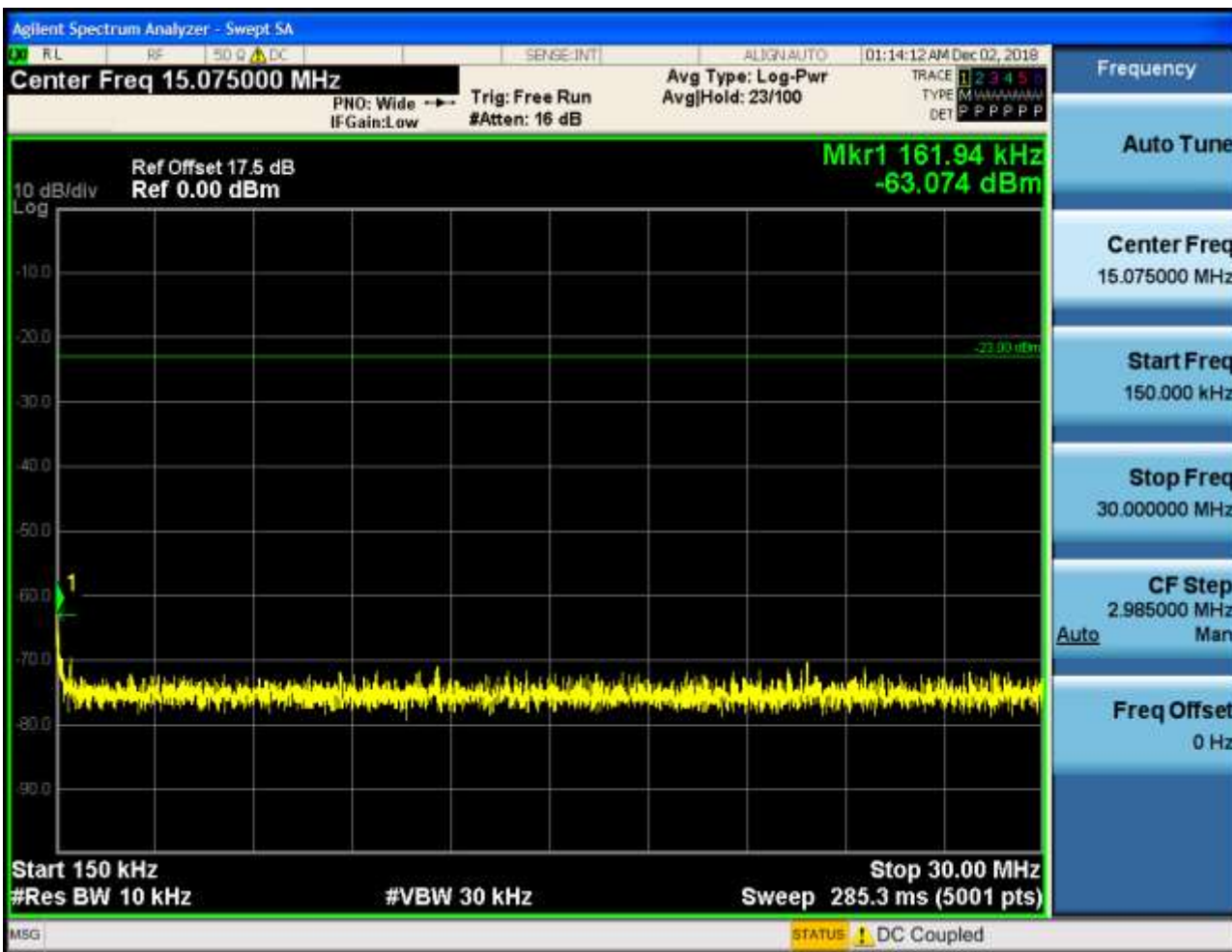


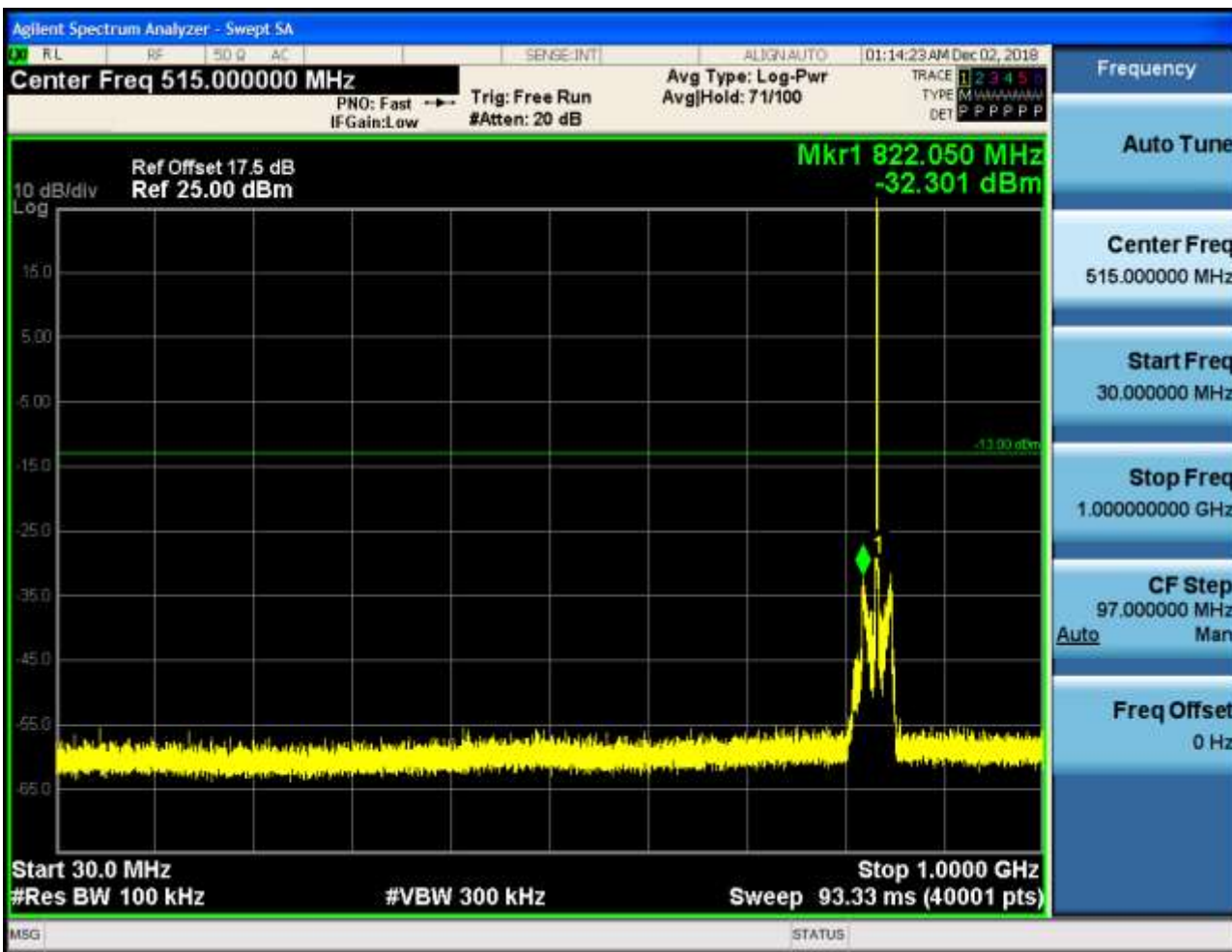


## 6.2.1.2.1.2 Test Channel = MCH

## 6.2.1.2.1.2.1 Test RB = RB1#0







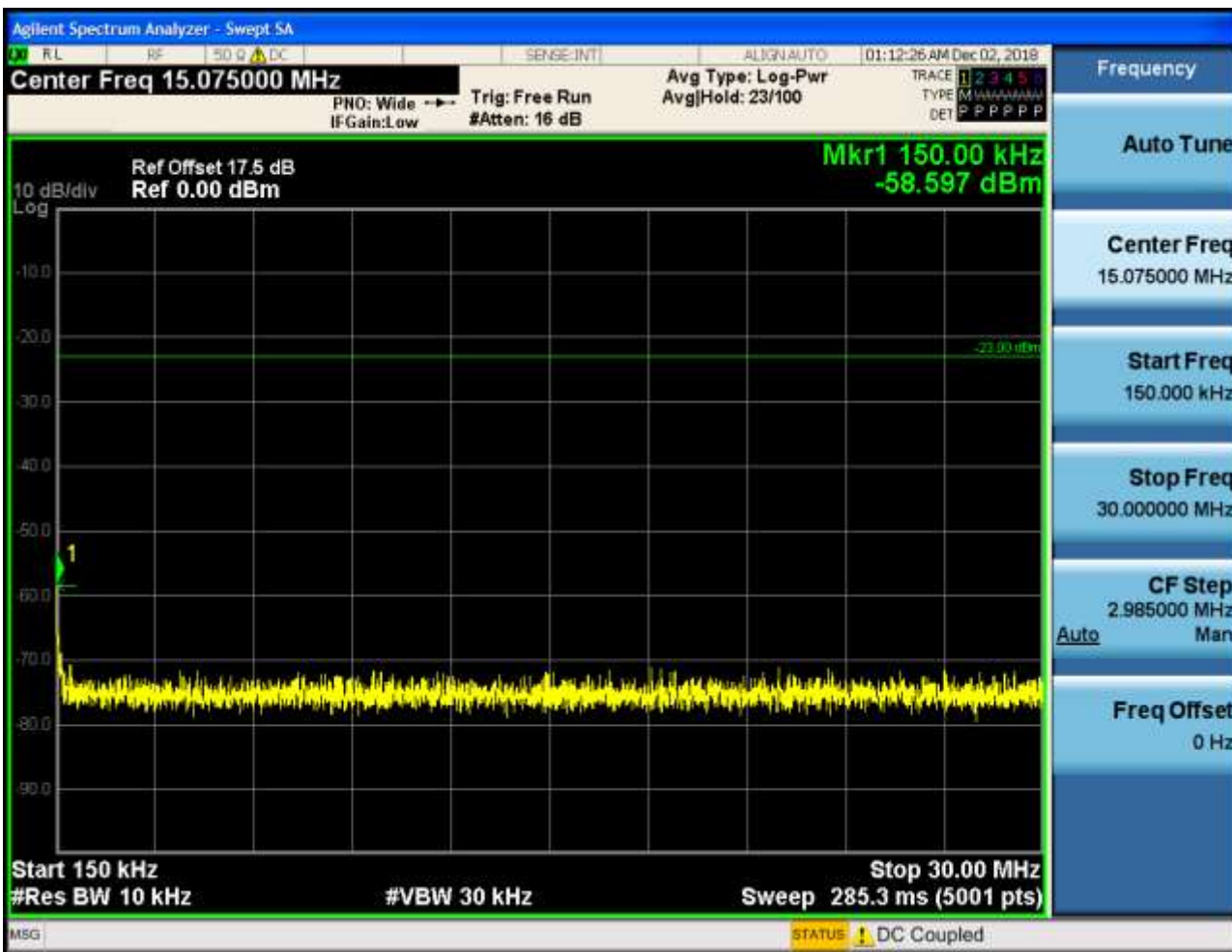


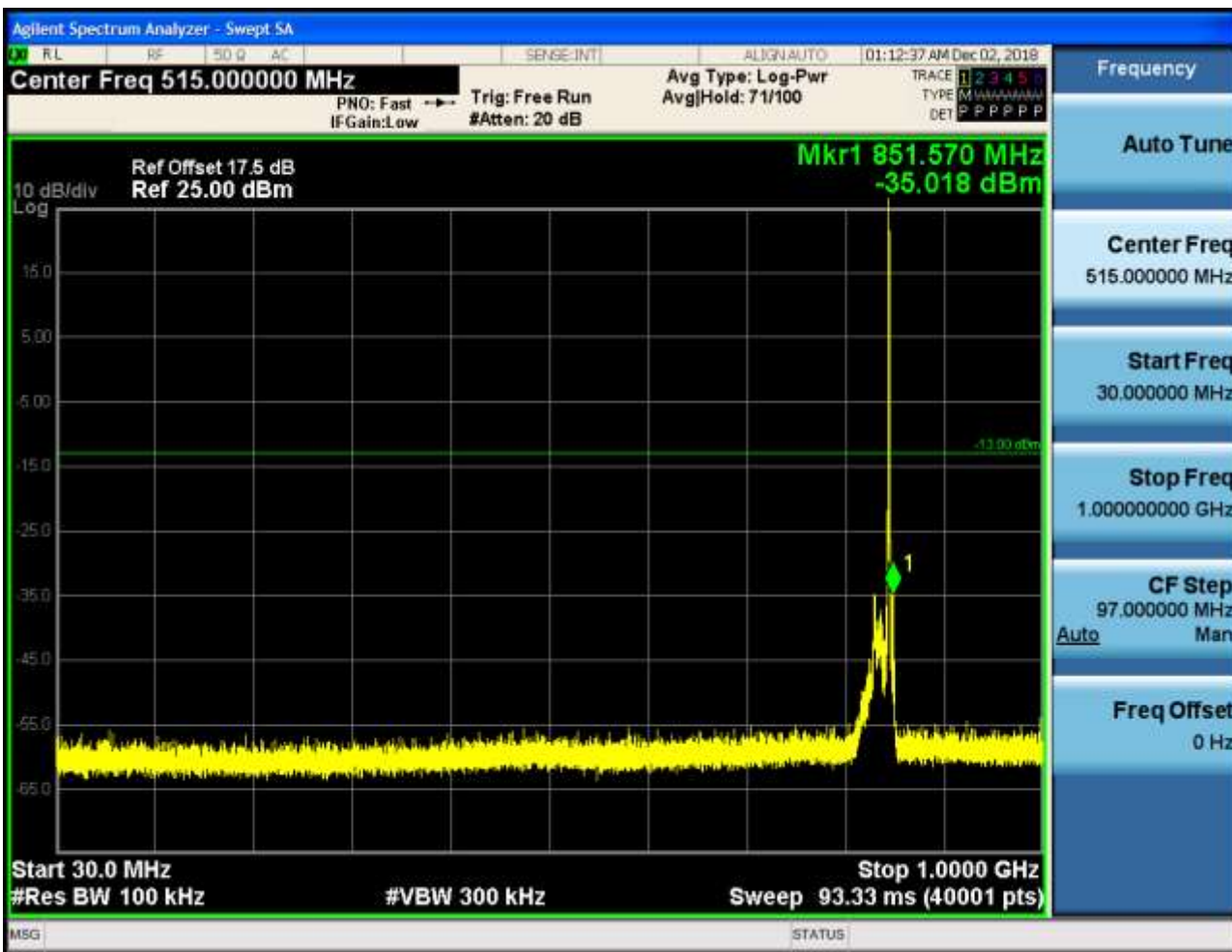


## 6.2.1.2.1.3 Test Channel = HCH

## 6.2.1.2.1.3.1 Test RB = RB1#0







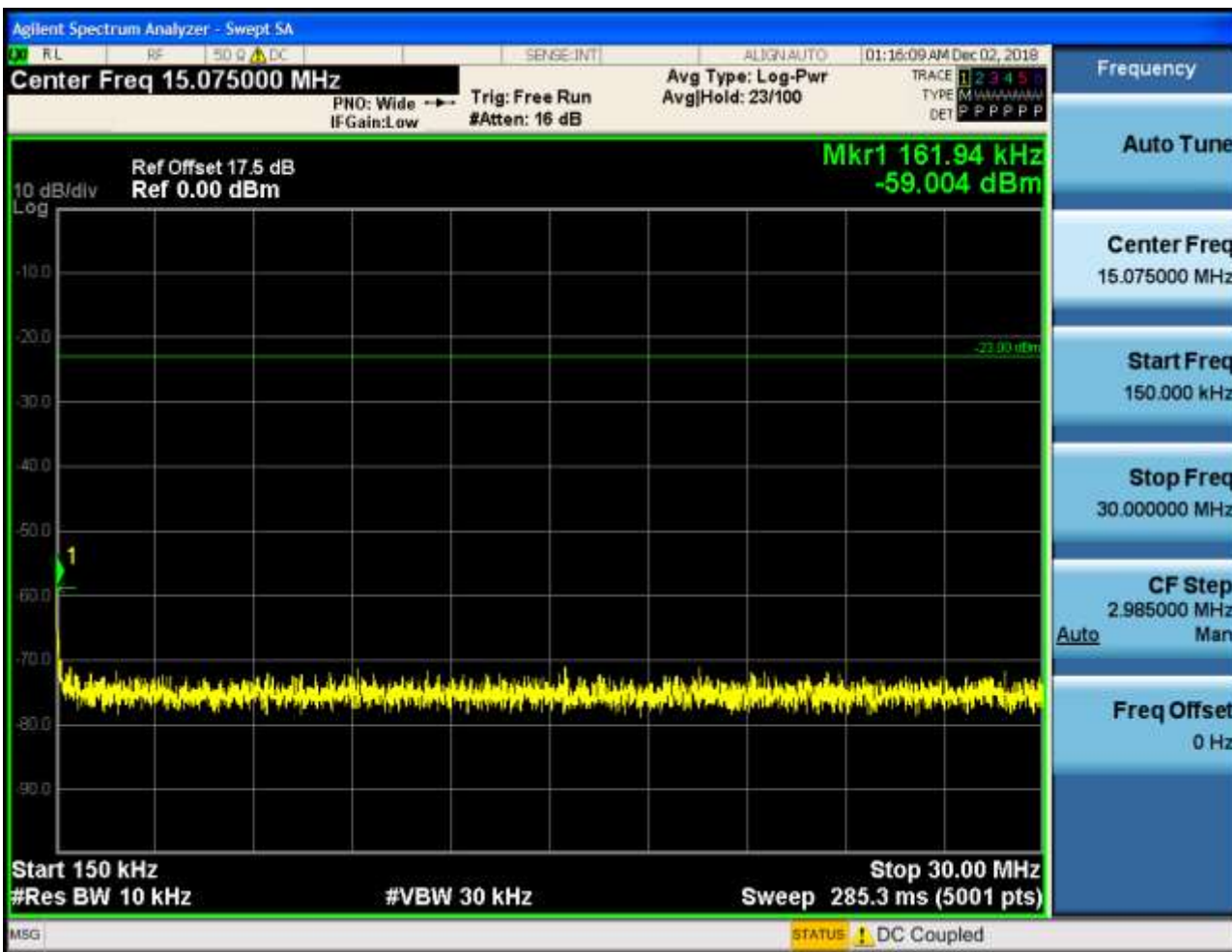


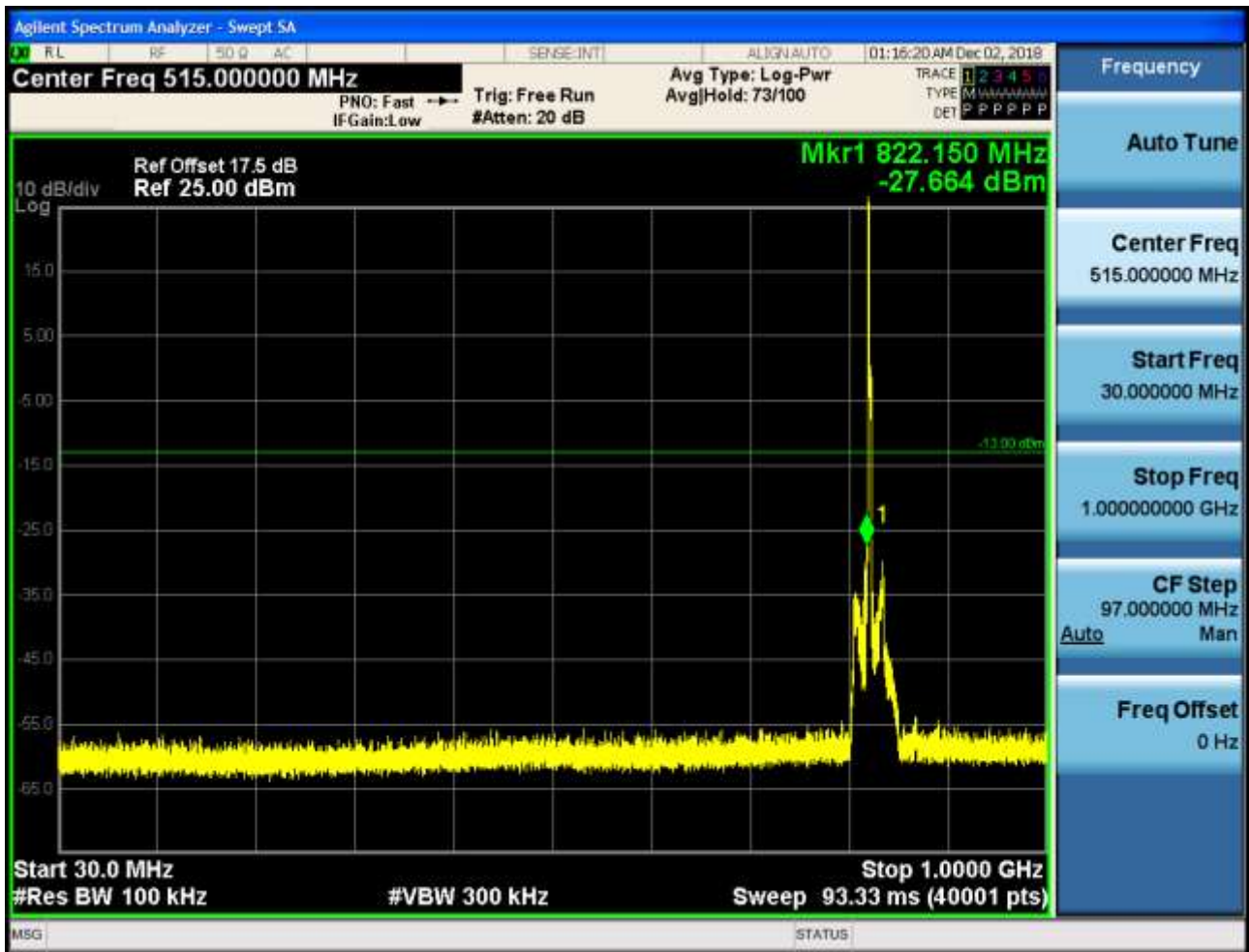
## 6.2.1.2.2 Test Bandwidth = 3

## 6.2.1.2.2.1 Test Channel = LCH

## 6.2.1.2.2.1.1 Test RB = RB1#0







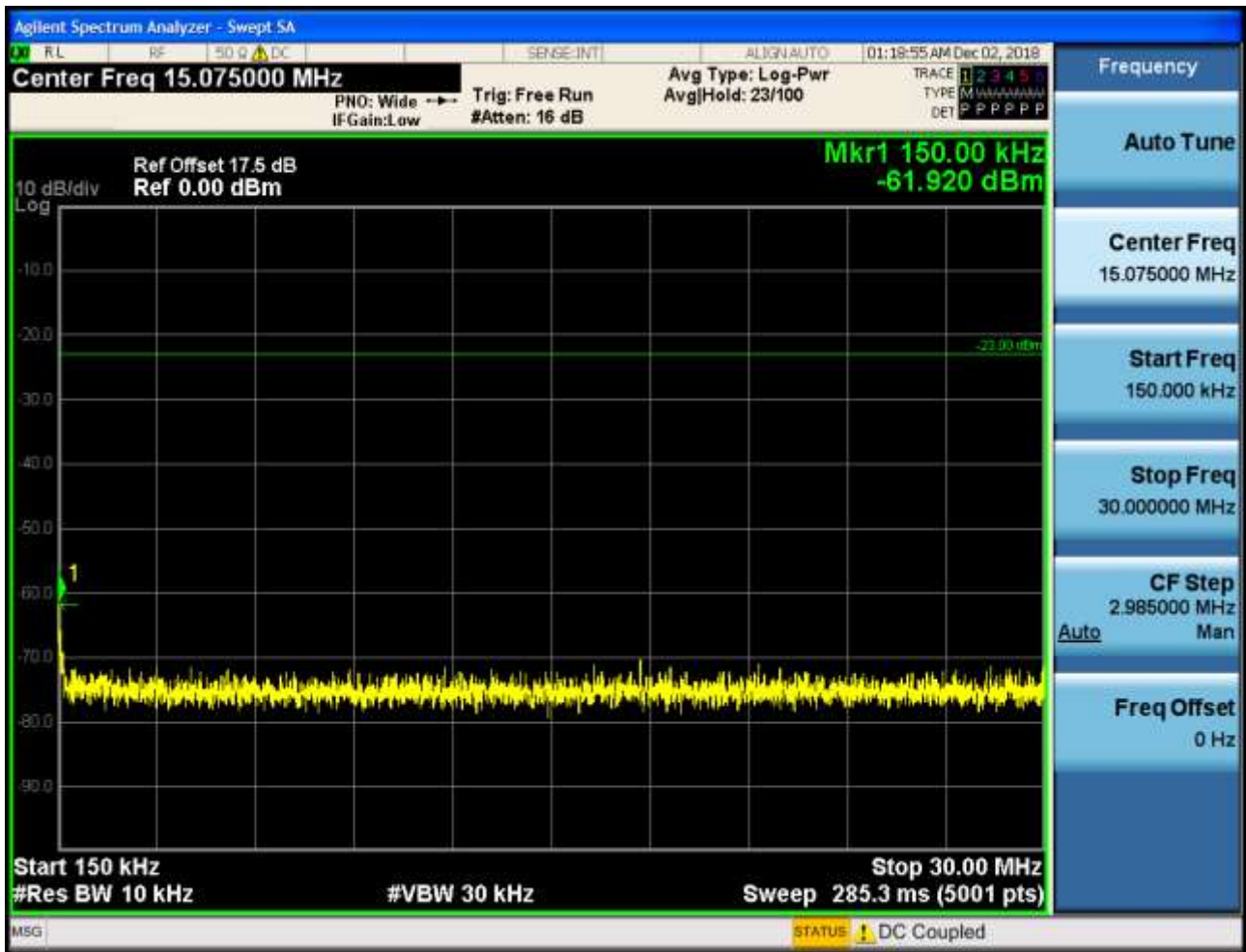


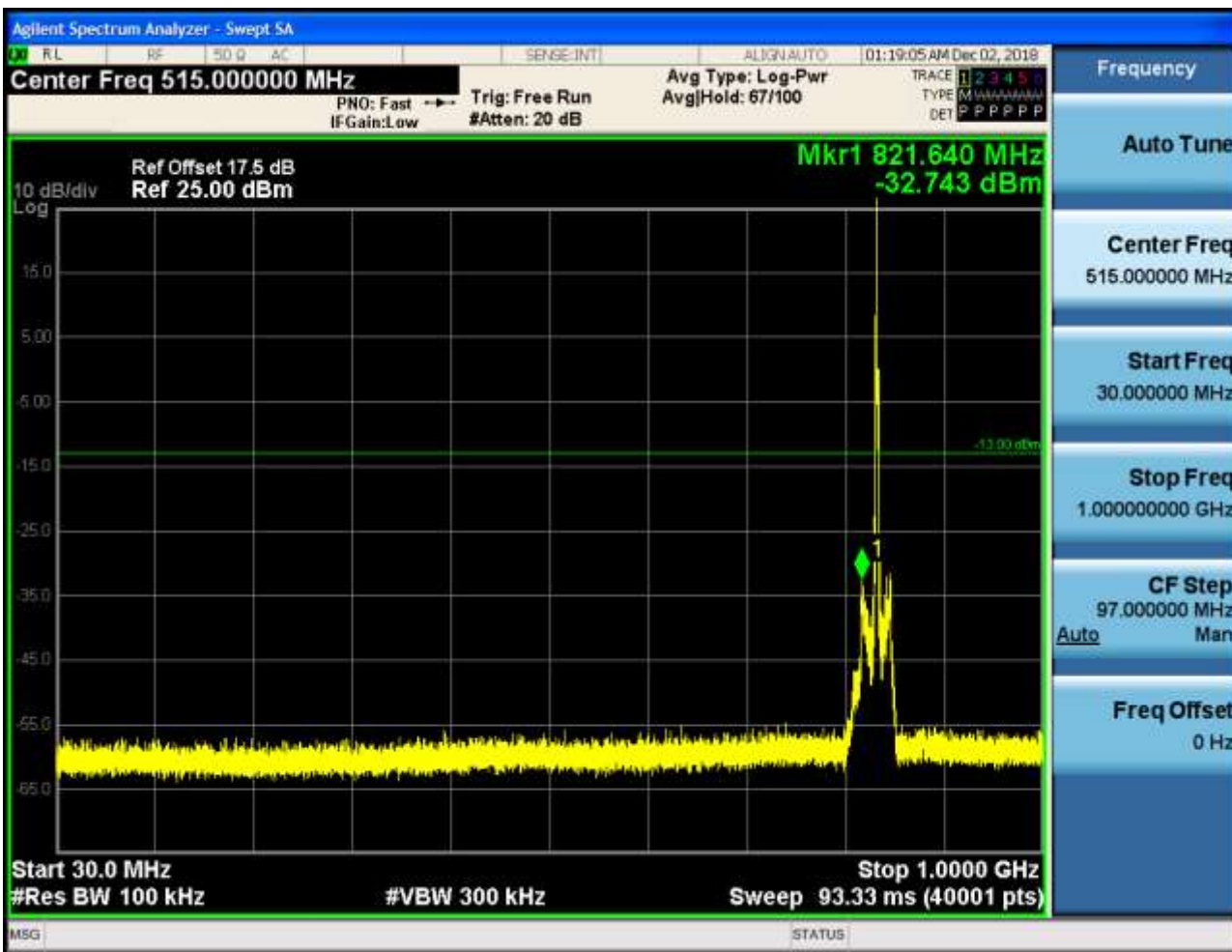


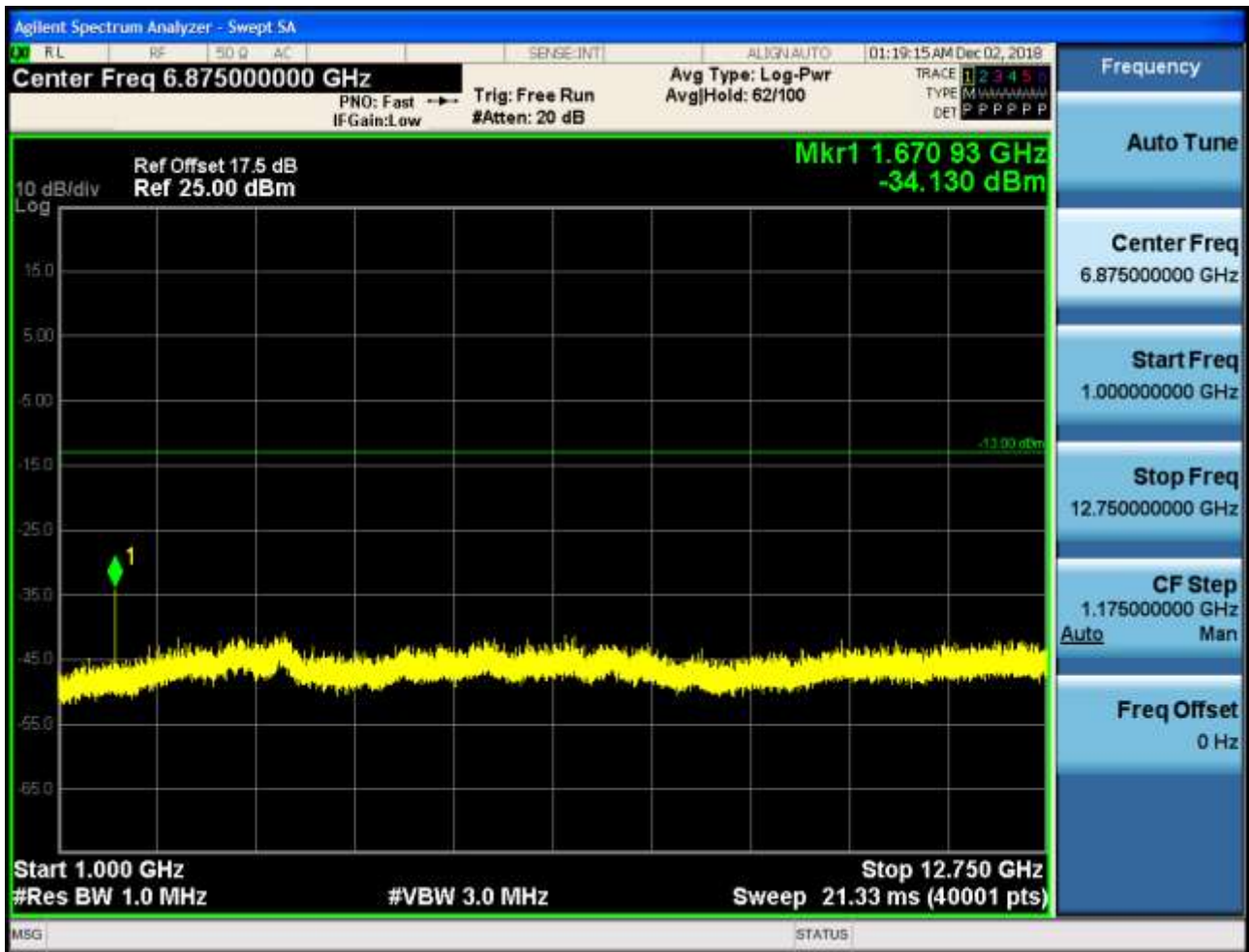
## 6.2.1.2.2.2 Test Channel = MCH

## 6.2.1.2.2.1 Test RB = RB1#0





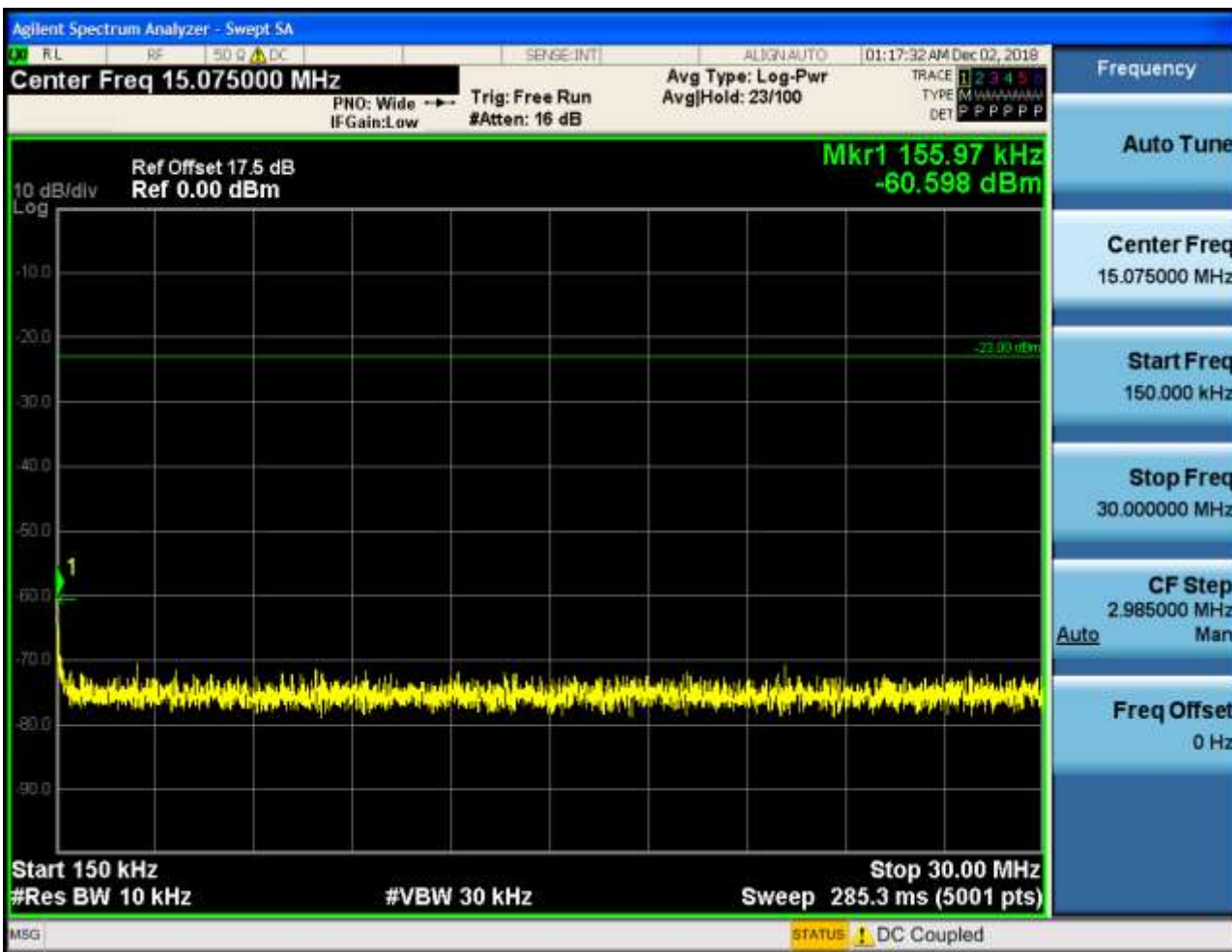


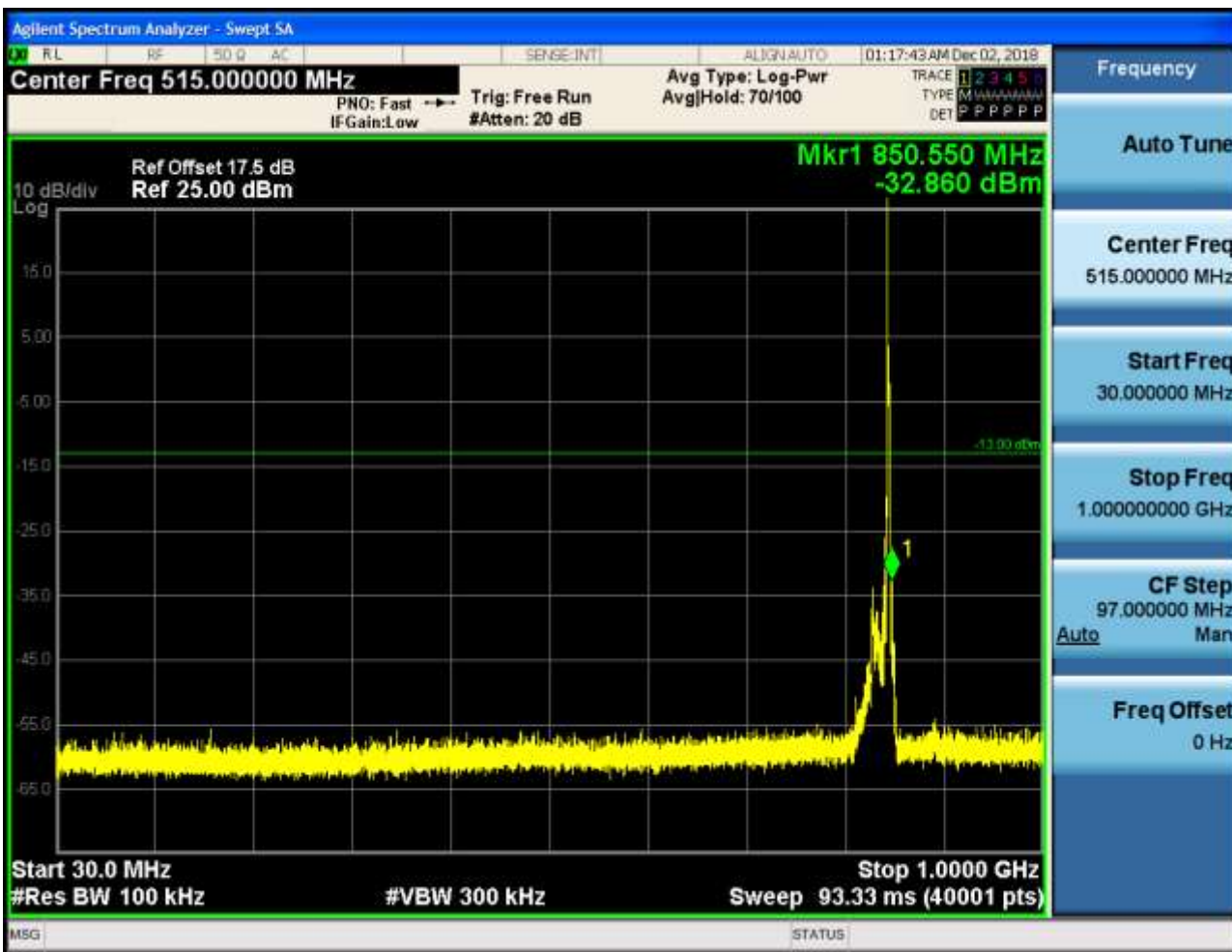


## 6.2.1.2.2.3 Test Channel = HCH

## 6.2.1.2.2.3.1 Test RB = RB1#0









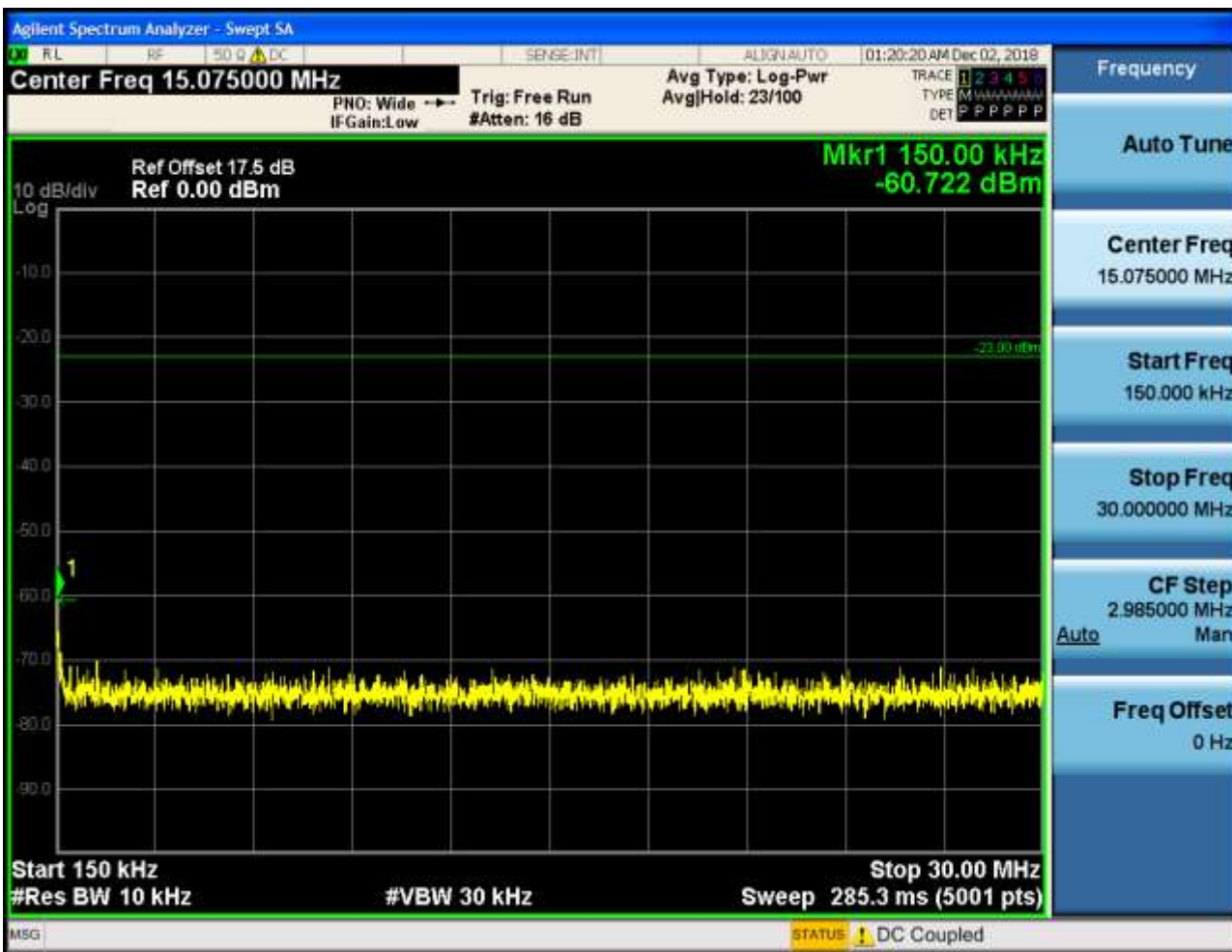


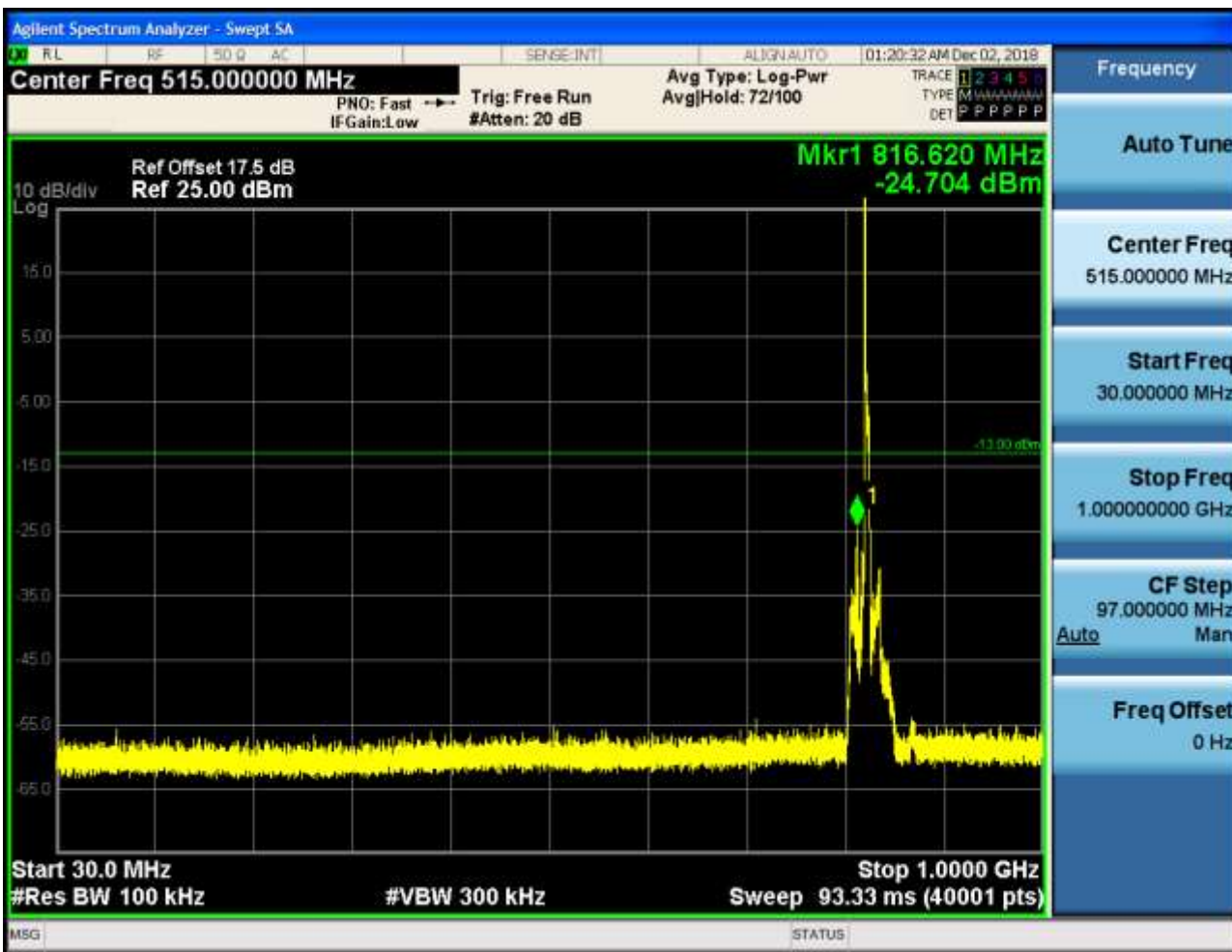
6.2.1.2.3 Test Bandwidth = 5

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0



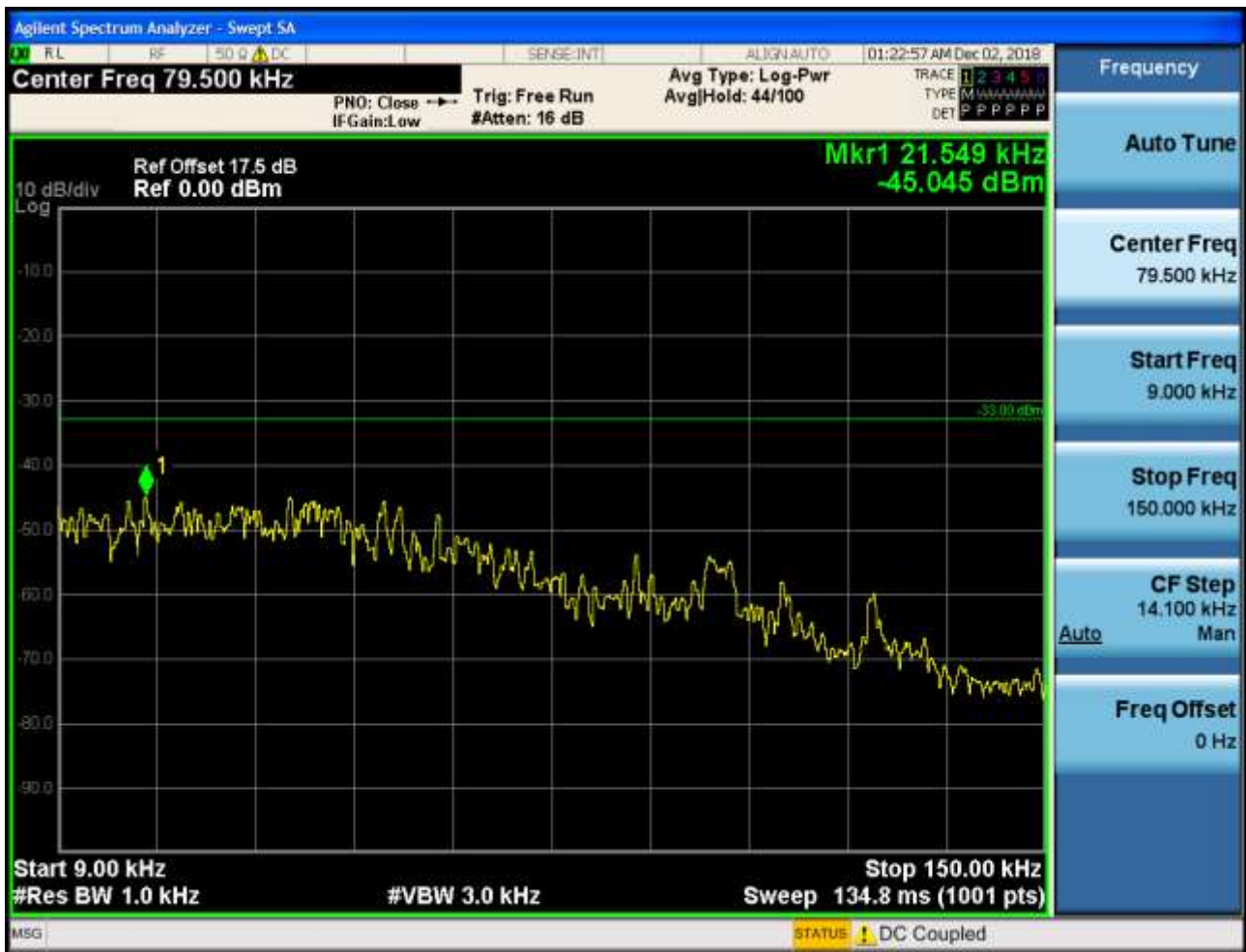


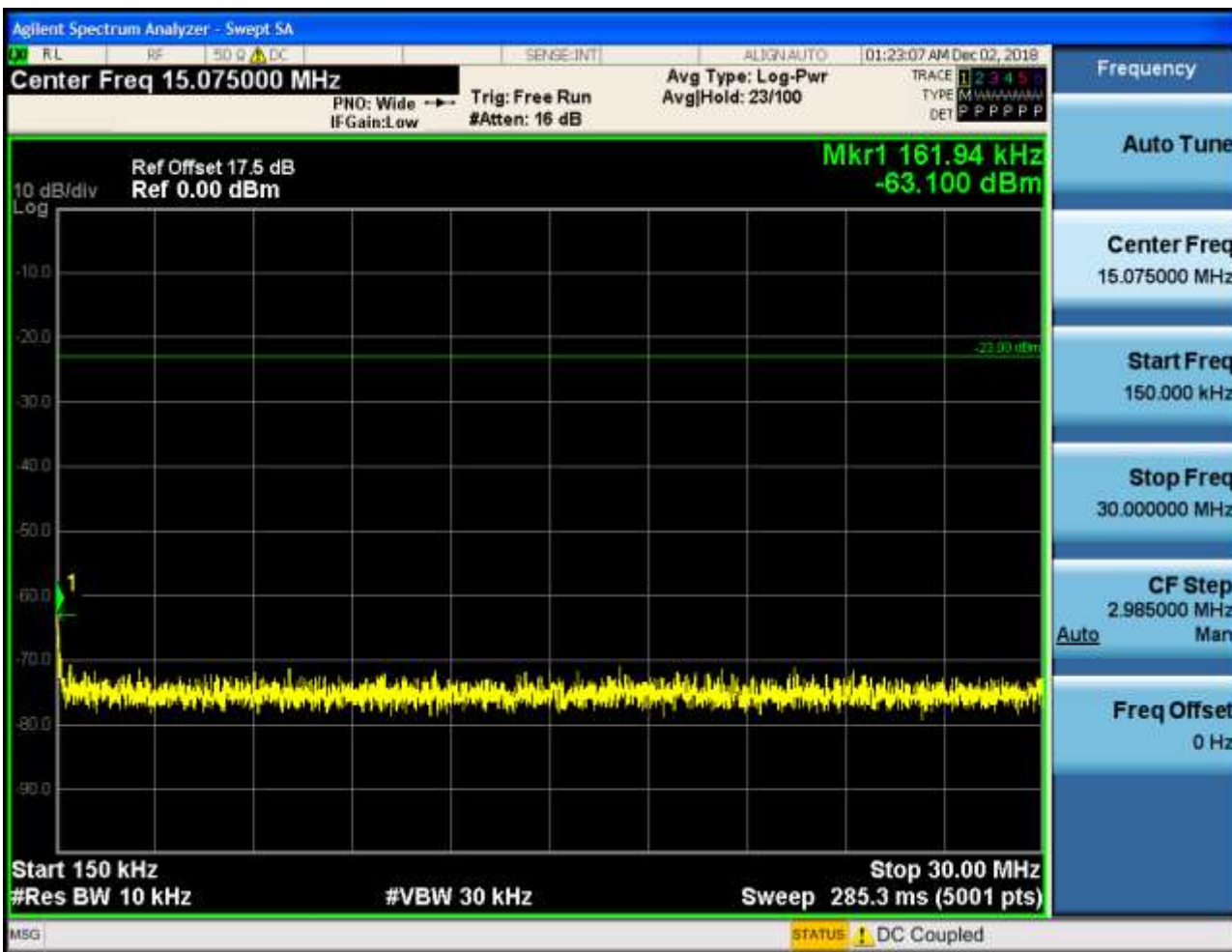


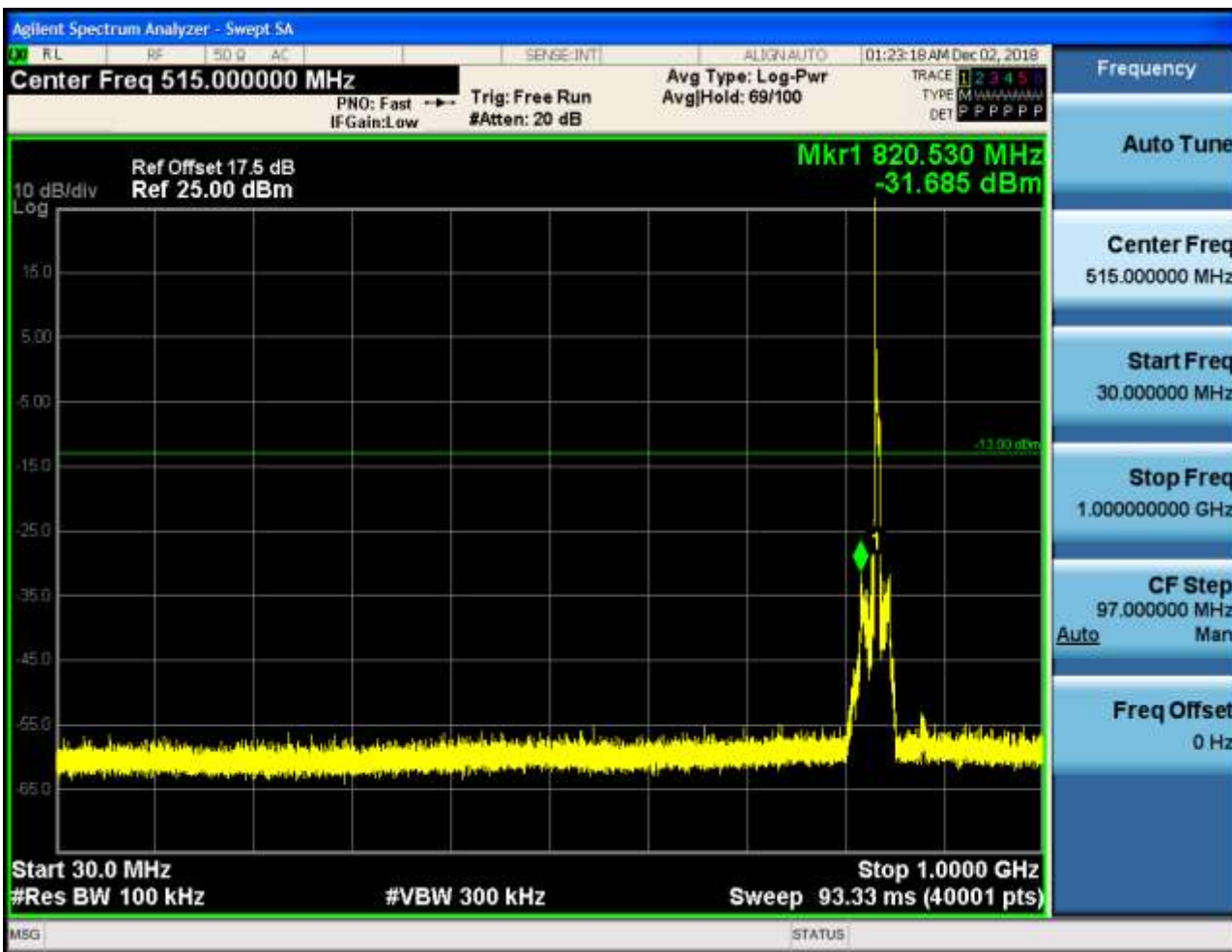


## 6.2.1.2.3.2 Test Channel = MCH

## 6.2.1.2.3.2.1 Test RB = RB1#0







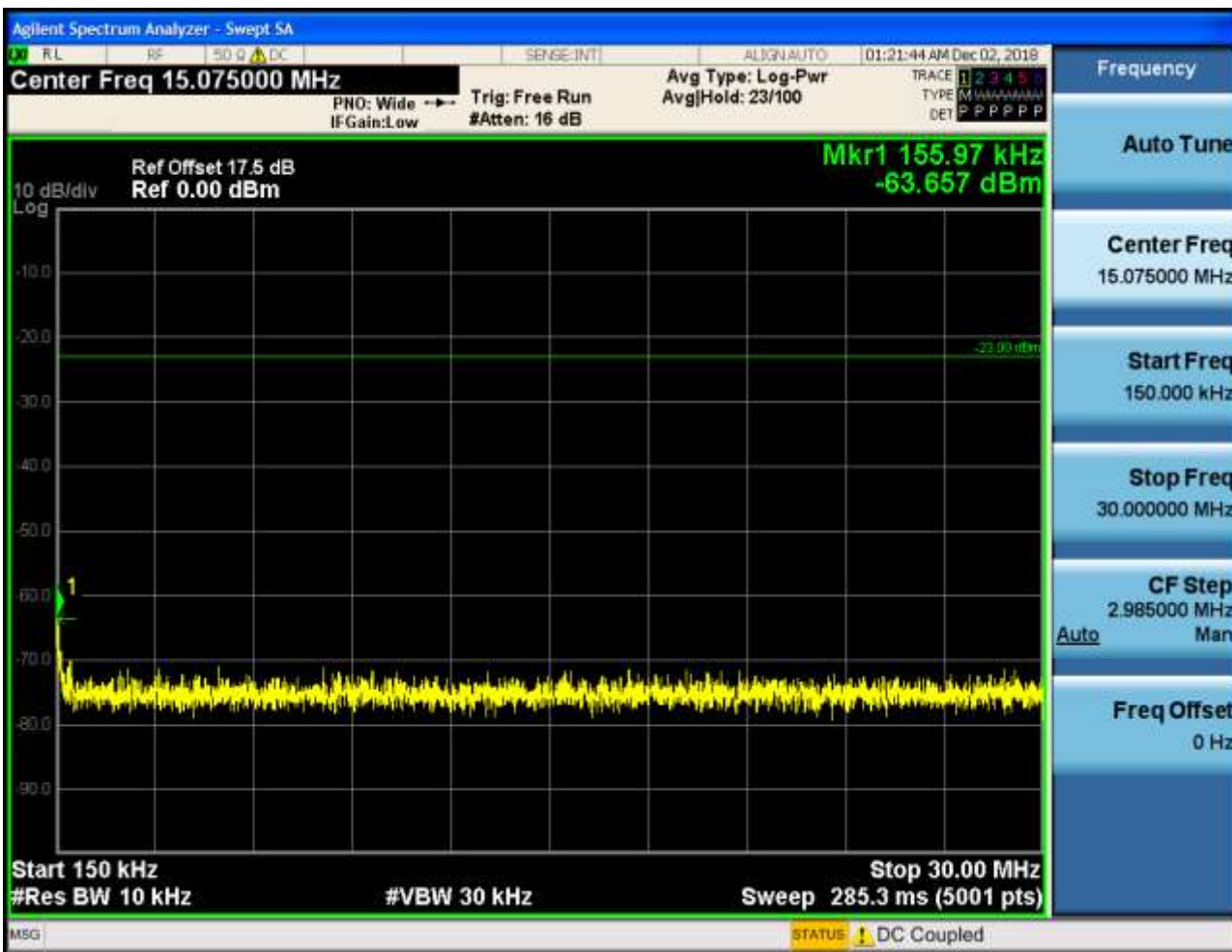


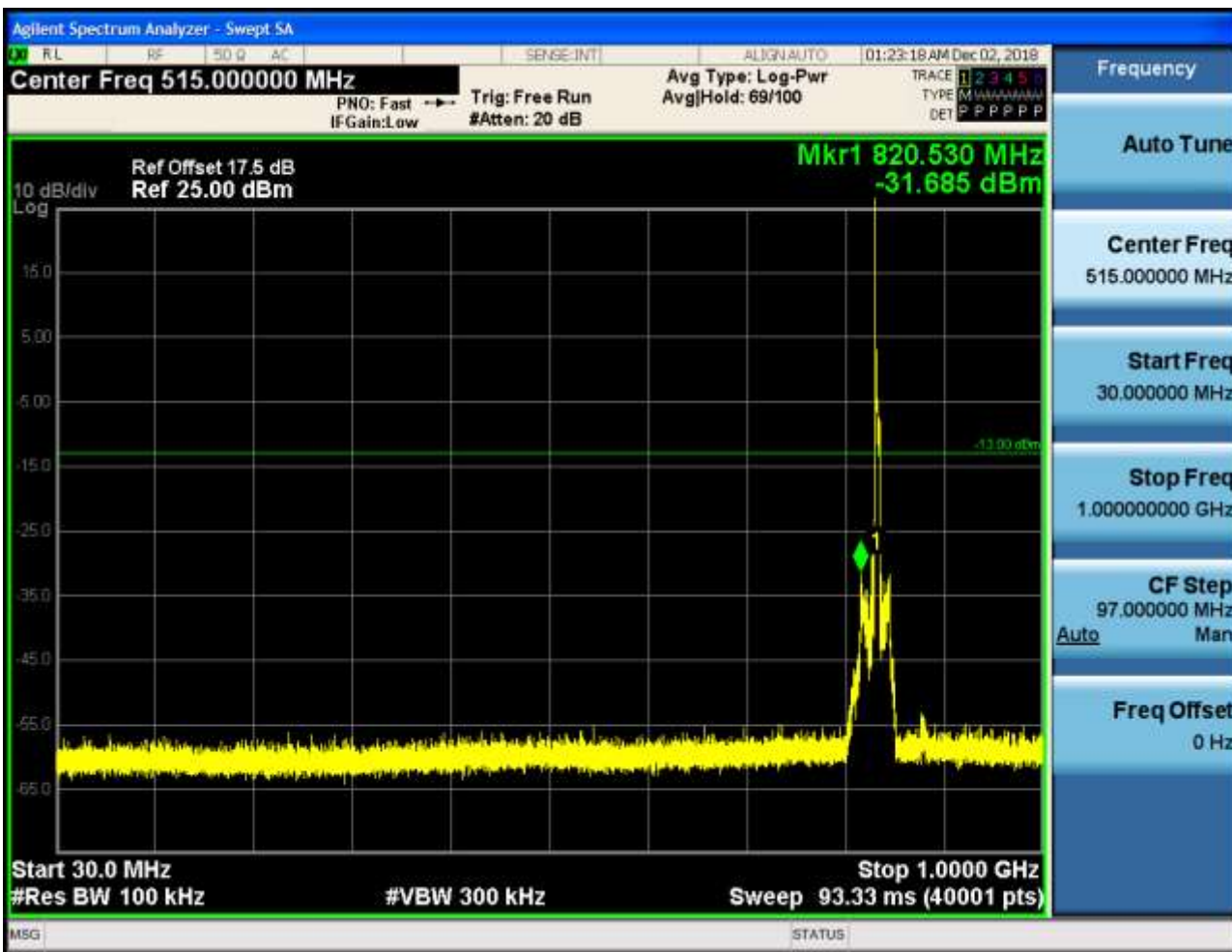


## 6.2.1.2.3.3 Test Channel = HCH

## 6.2.1.2.3.3.1 Test RB = RB1#0







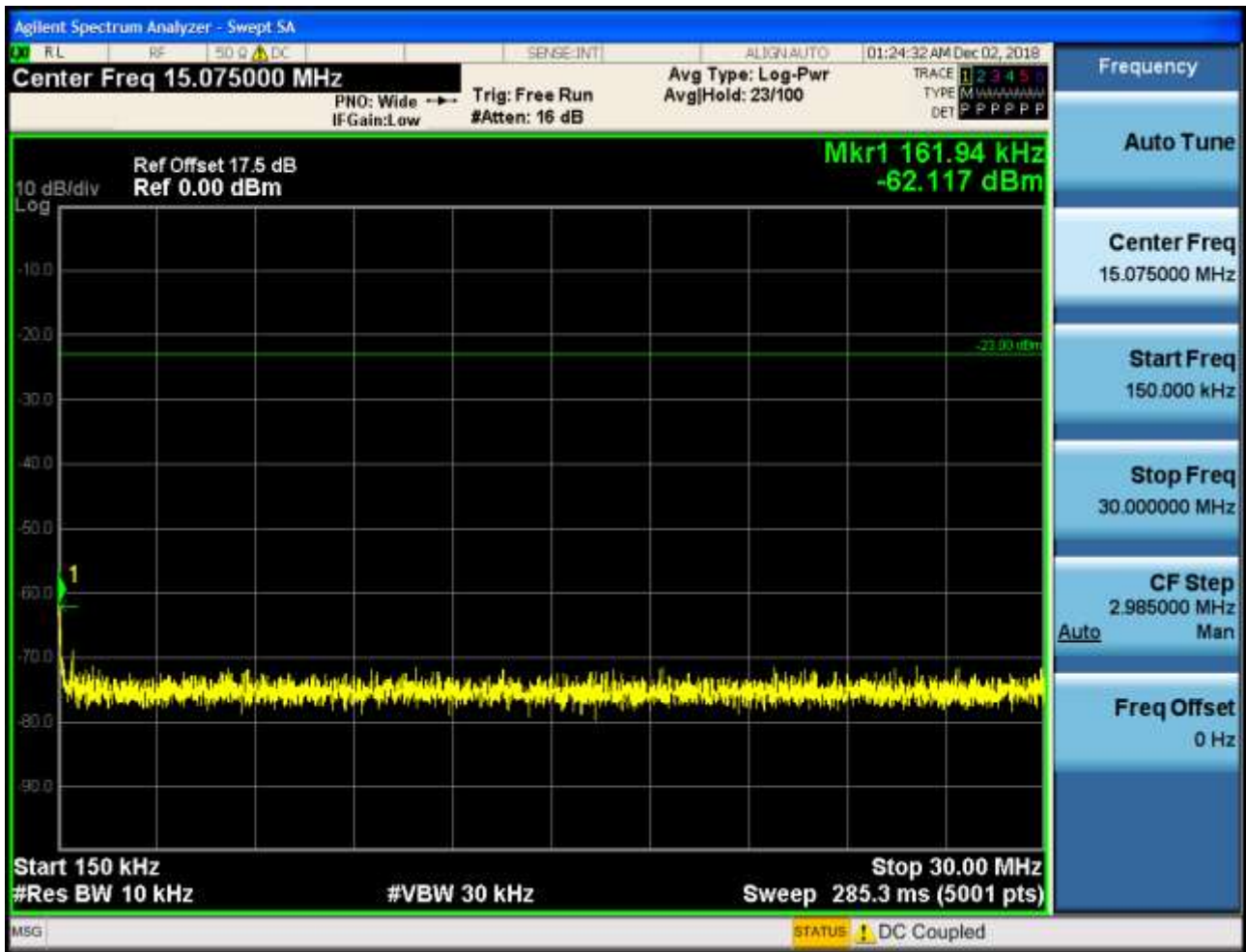


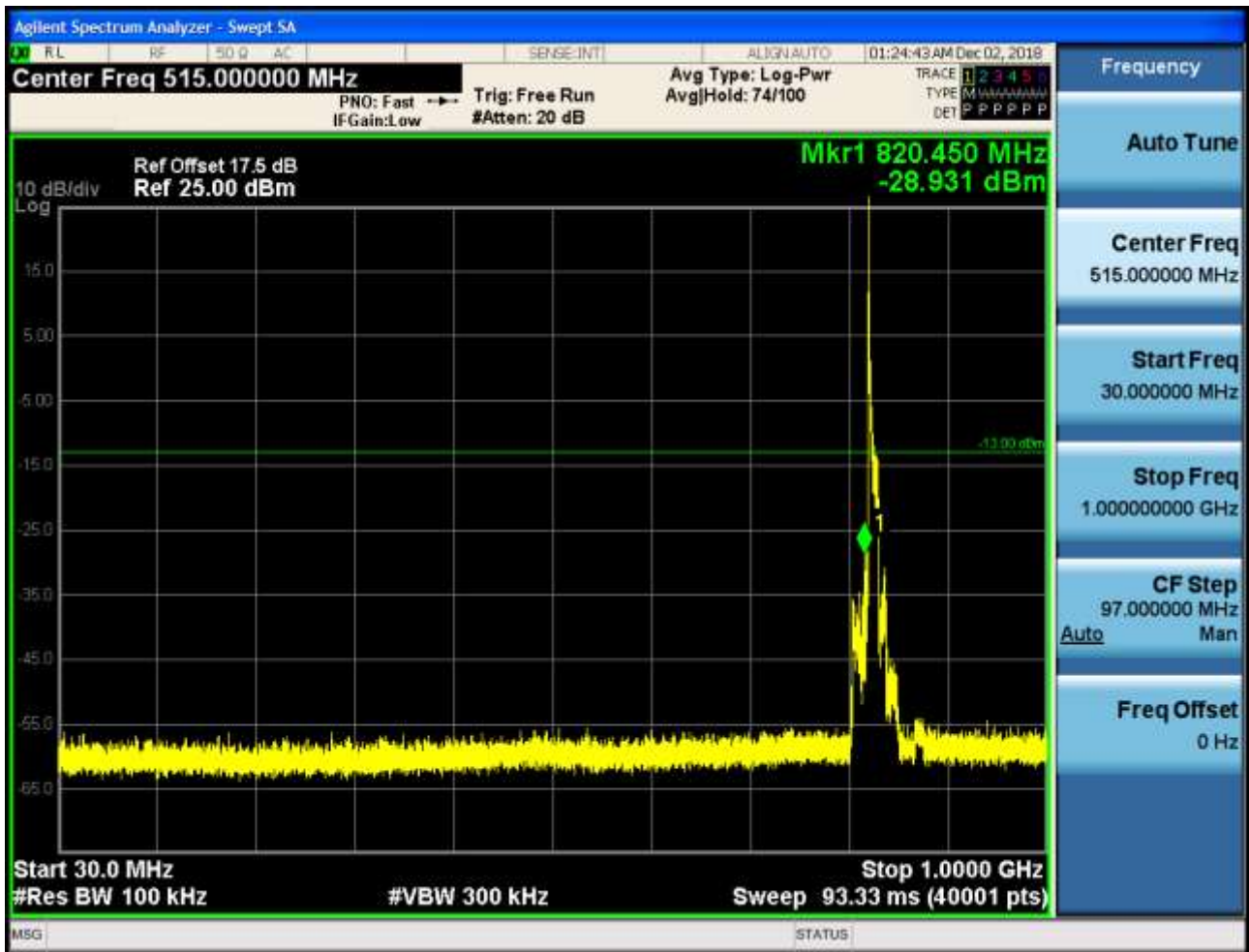
## 6.2.1.2.4 Test Bandwidth = 10

## 6.2.1.2.4.1 Test Channel = LCH

## 6.2.1.2.4.1.1 Test RB = RB1#0







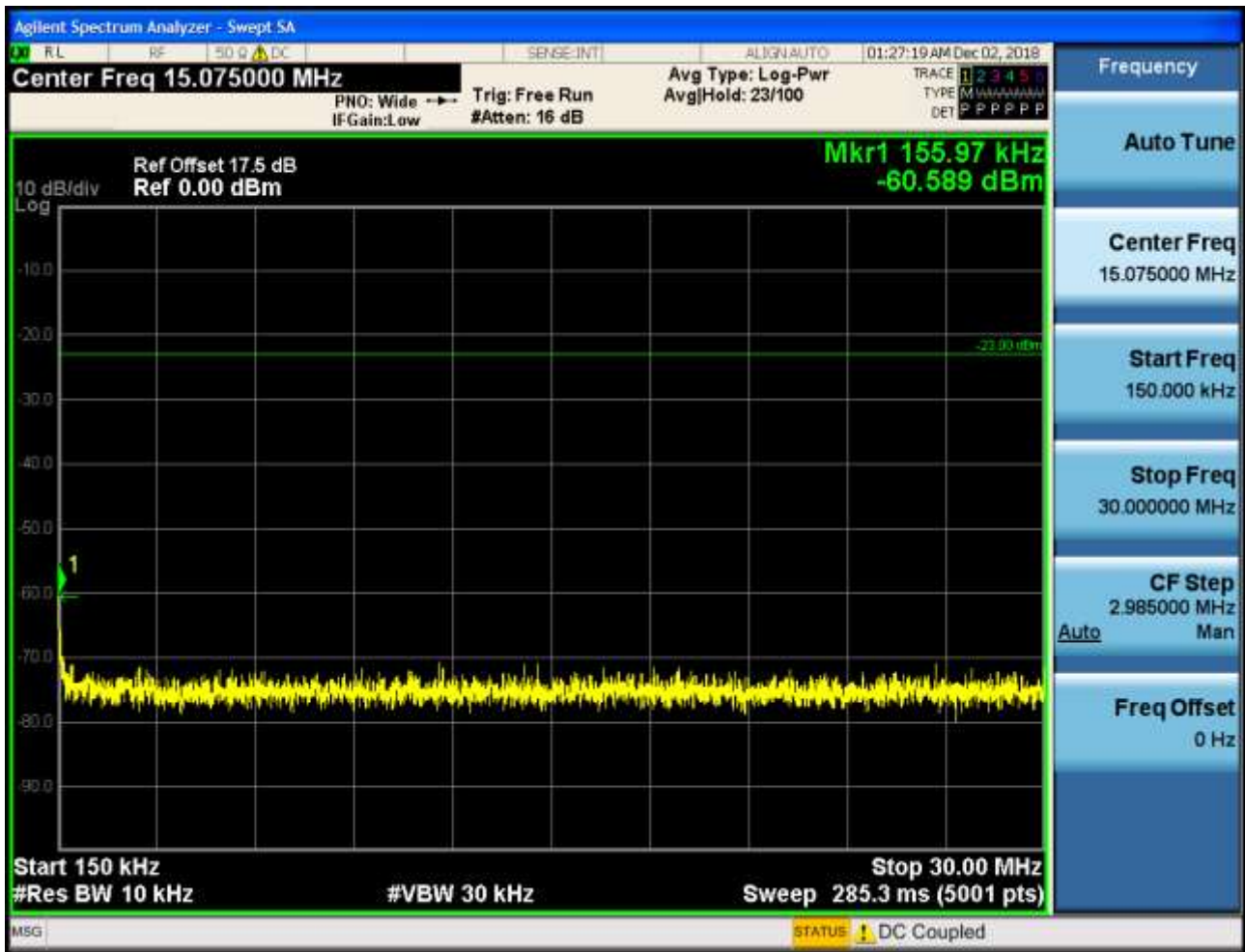


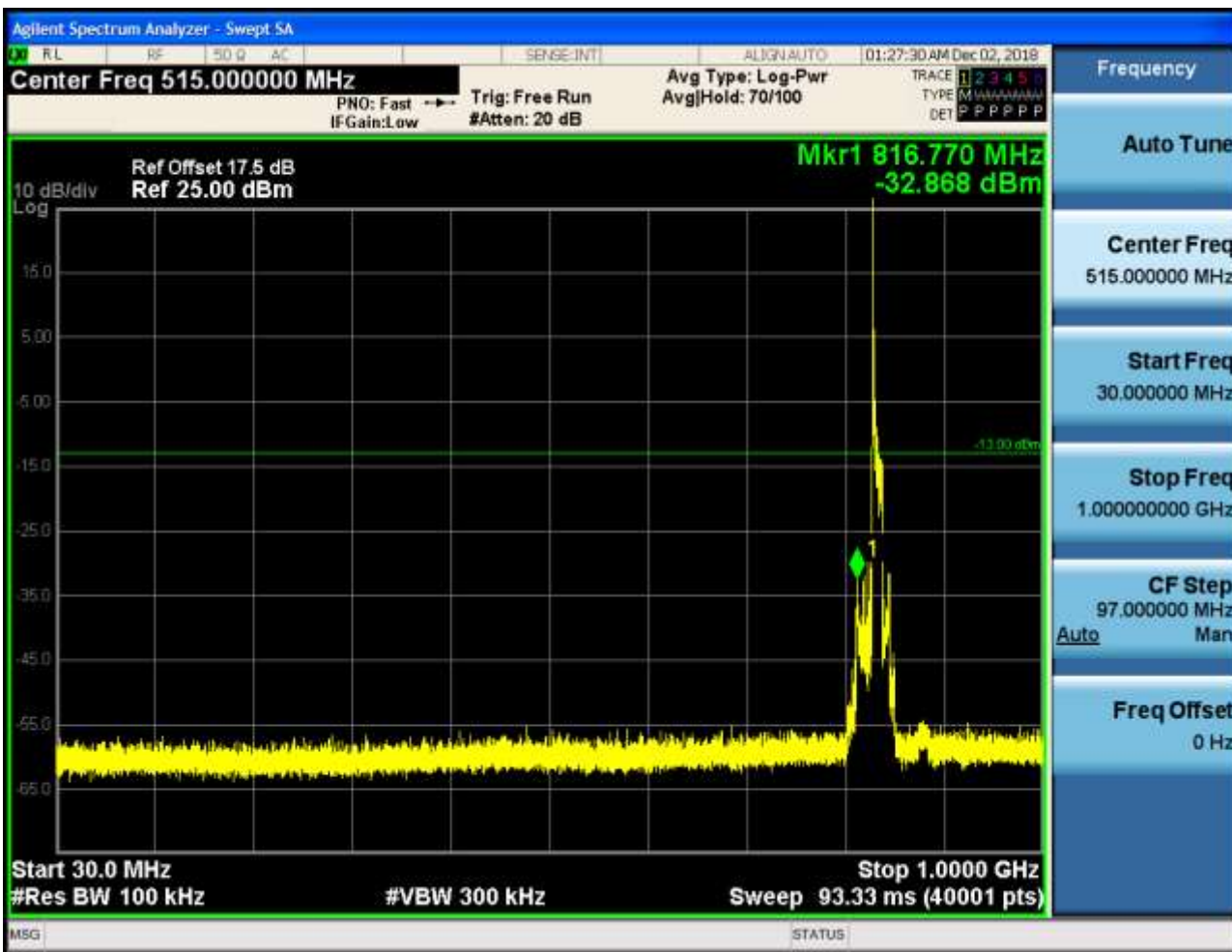


## 6.2.1.2.4.2 Test Channel = MCH

## 6.2.1.2.4.2.1 Test RB = RB1#0





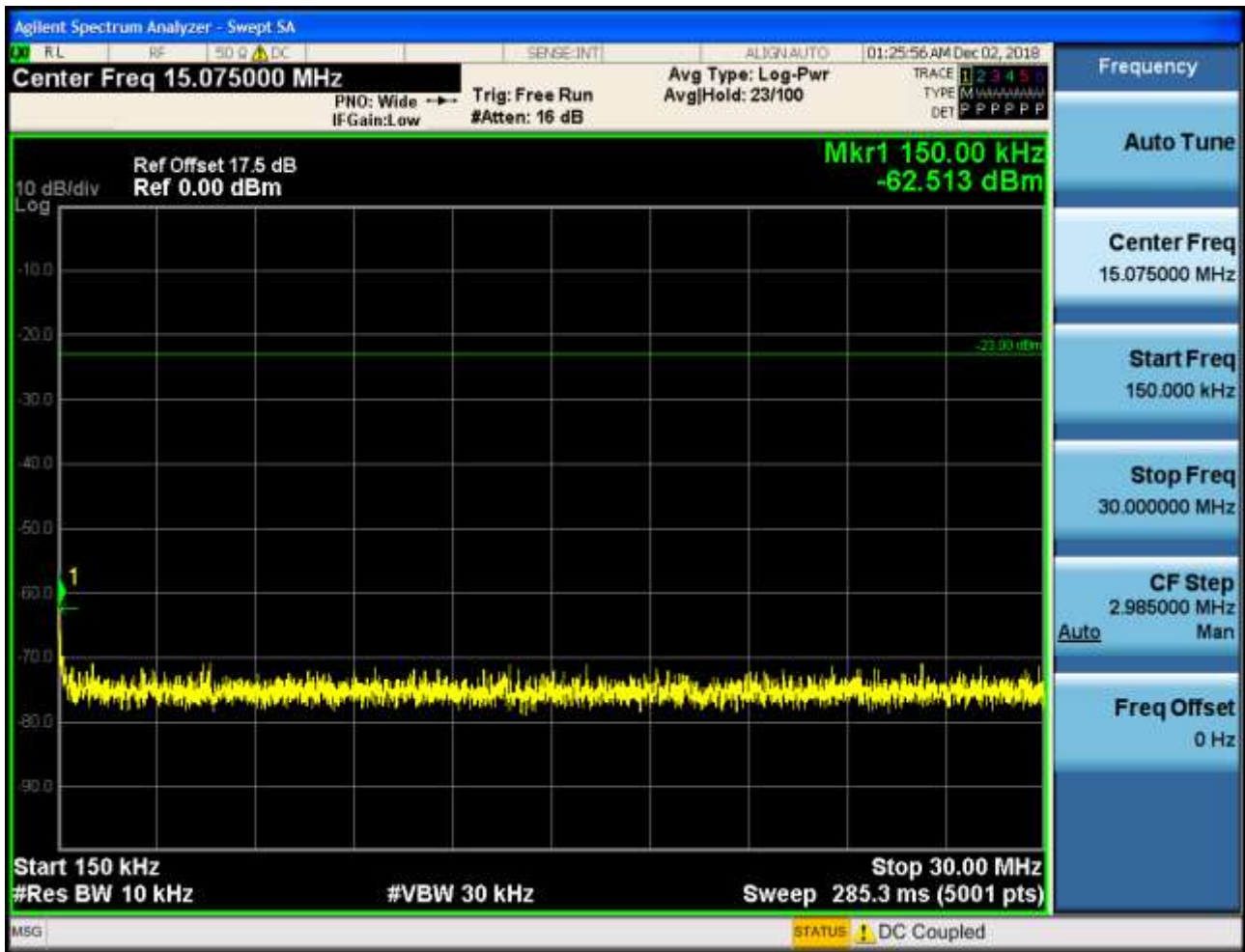


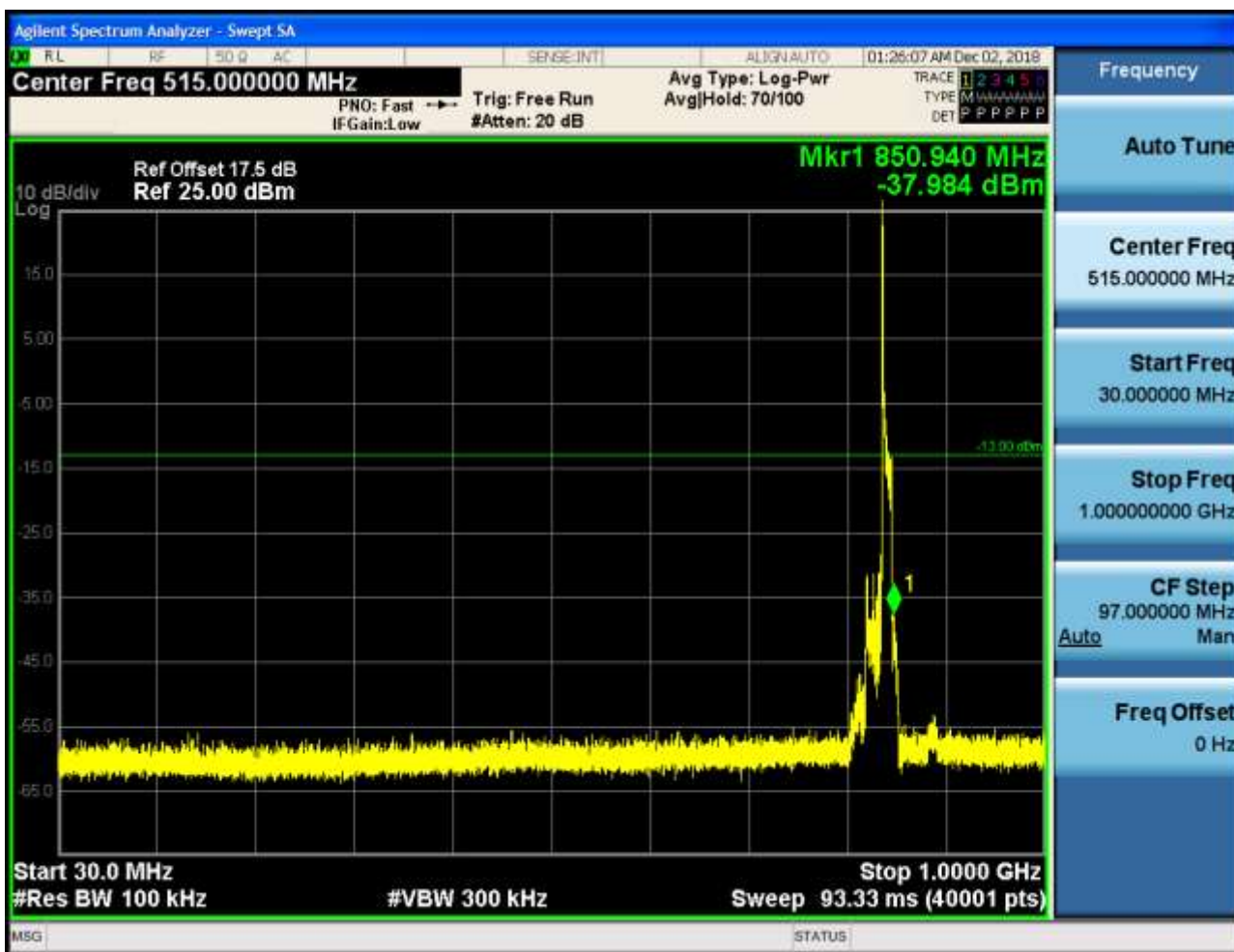


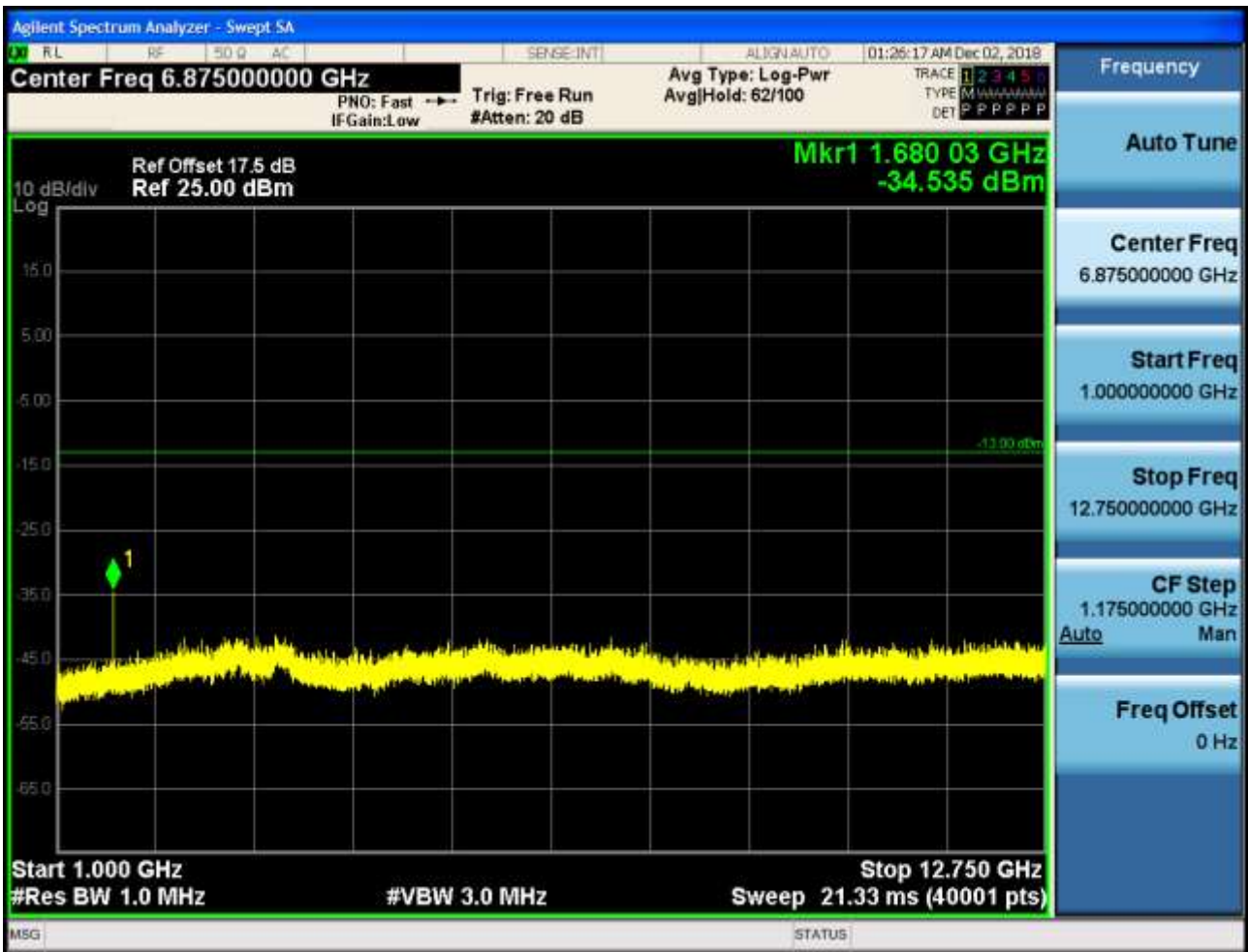
## 6.2.1.2.4.3 Test Channel = HCH

## 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

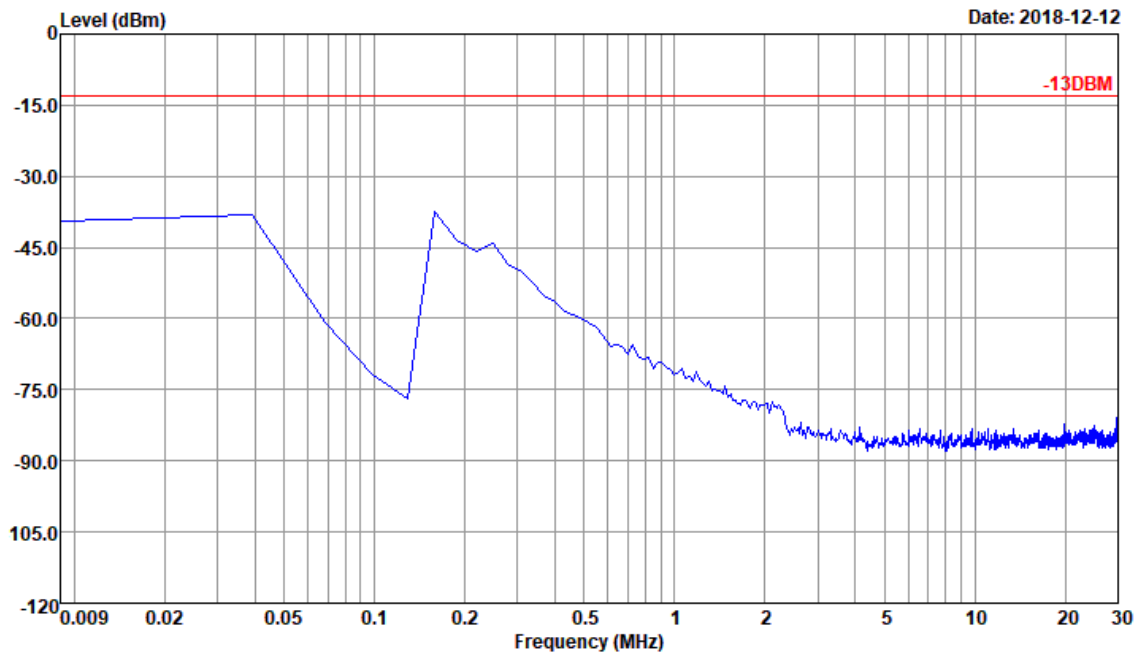
#### 7.1 For LTE

##### 7.1.1 Test Band = Band5\_ANT1

##### 7.1.1.1 Test Bandwidth = 1.4

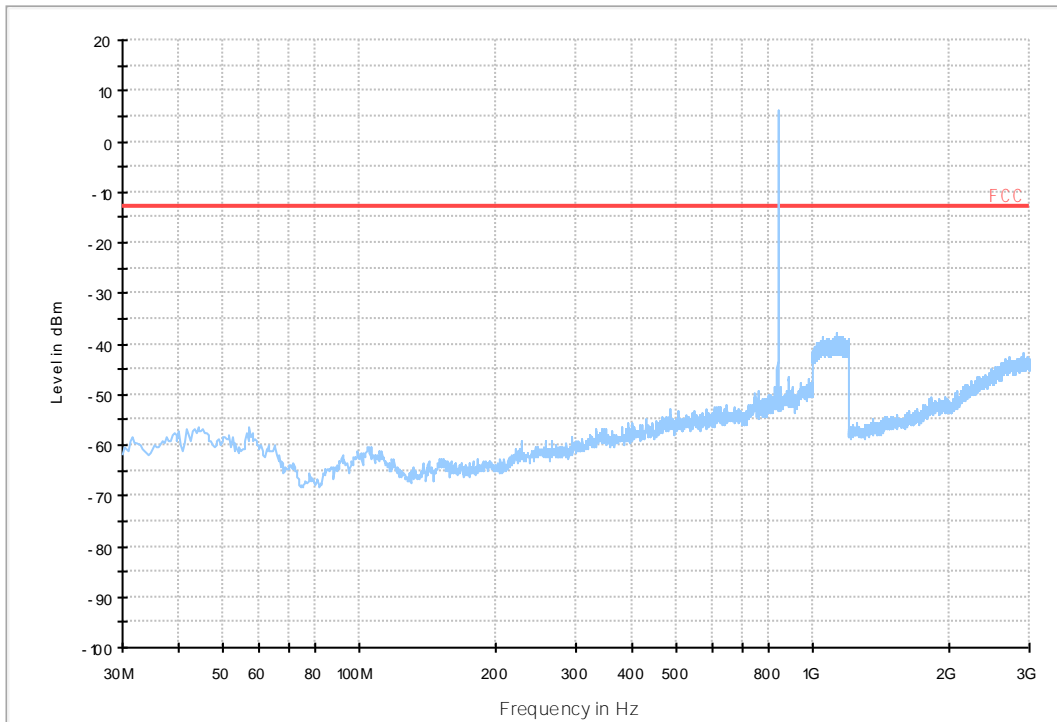


Data: 75

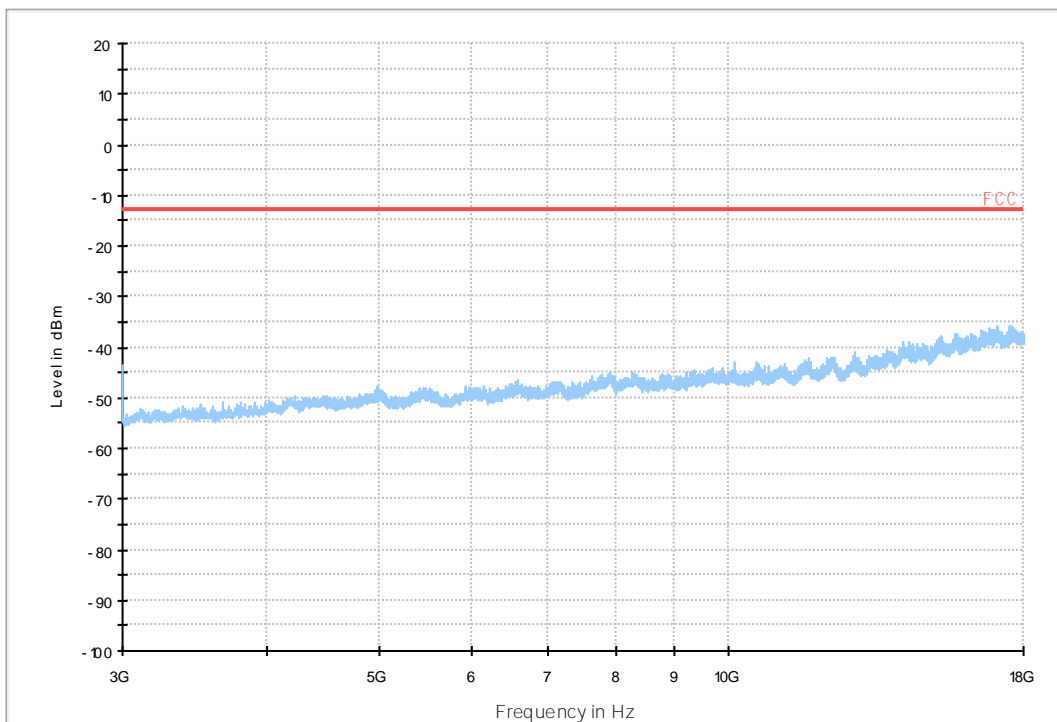


Site : 03CH01-SZ  
Condition : -13DBM  
: RBW:9.000KHz VBW:30.000KHz

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



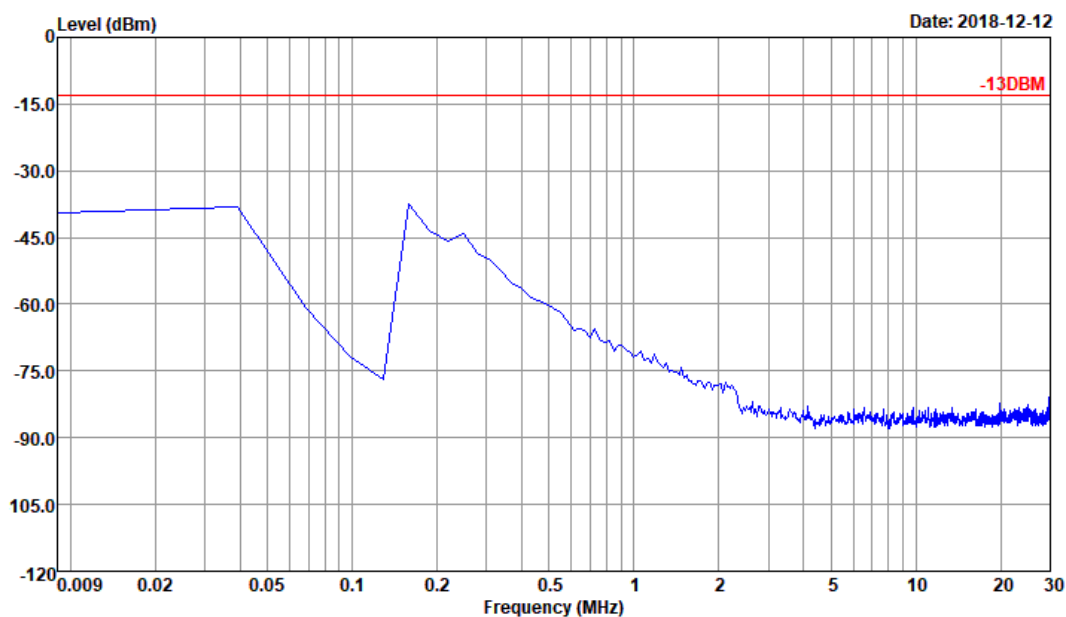
LTE FDD RSE-TX-DIRECTOR BELOW 1G\_H



## 7.1.1.2 Test Bandwidth = 10

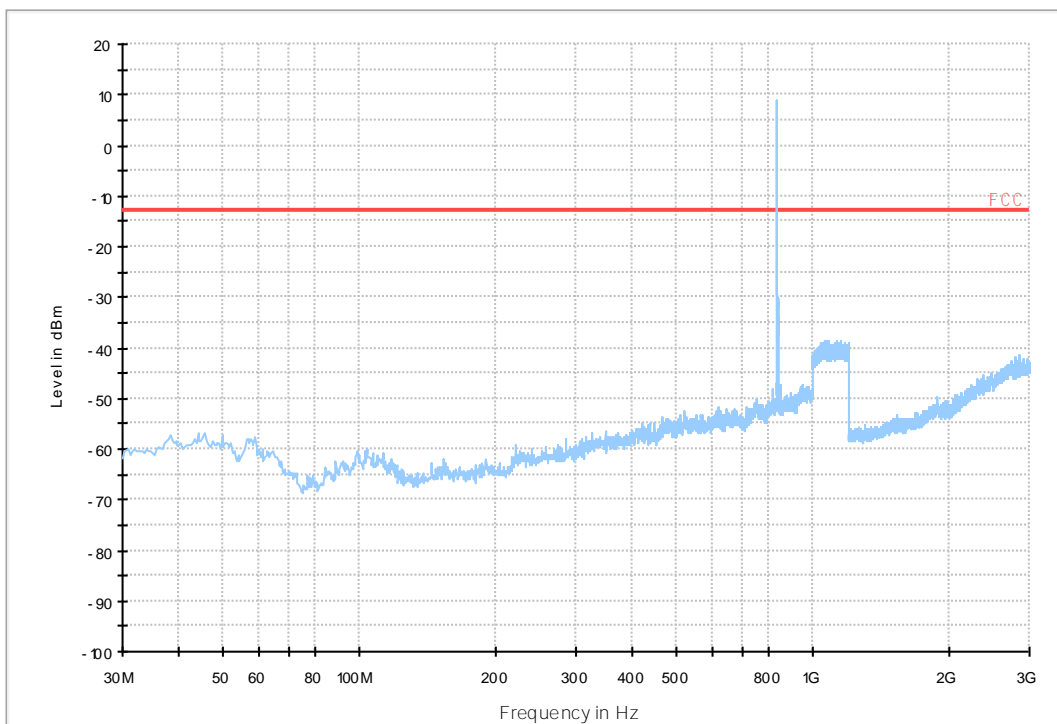


Data: 75

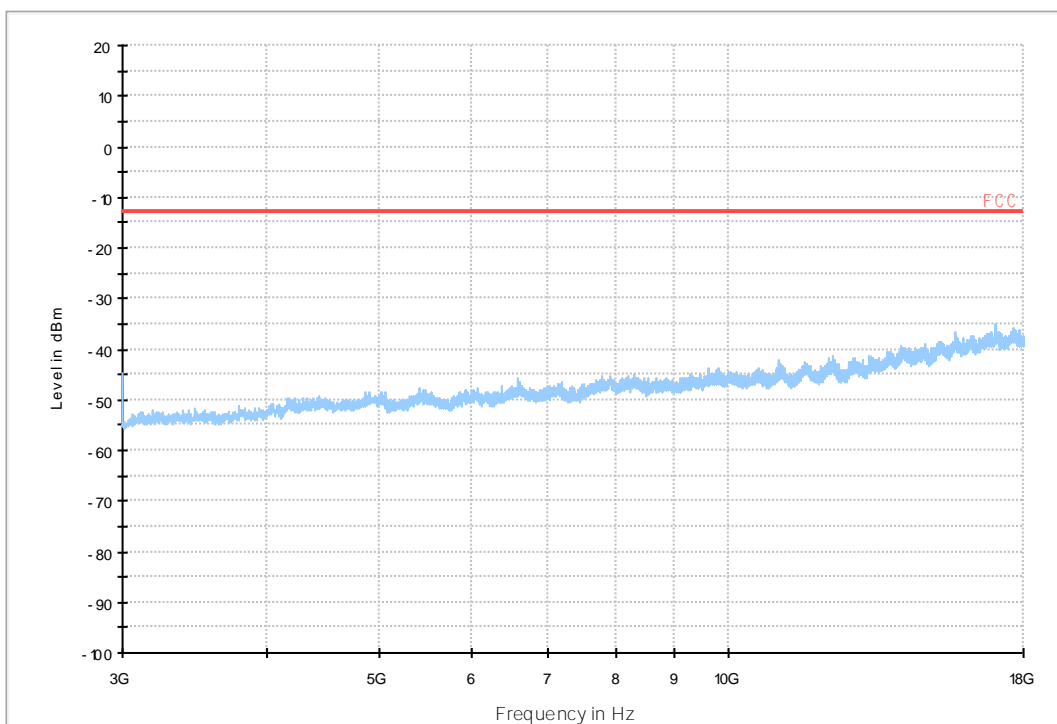


Site : 03CH01-SZ  
Condition : -13DBM  
: RBW:9.000KHz VBW:30.000KHz

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



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



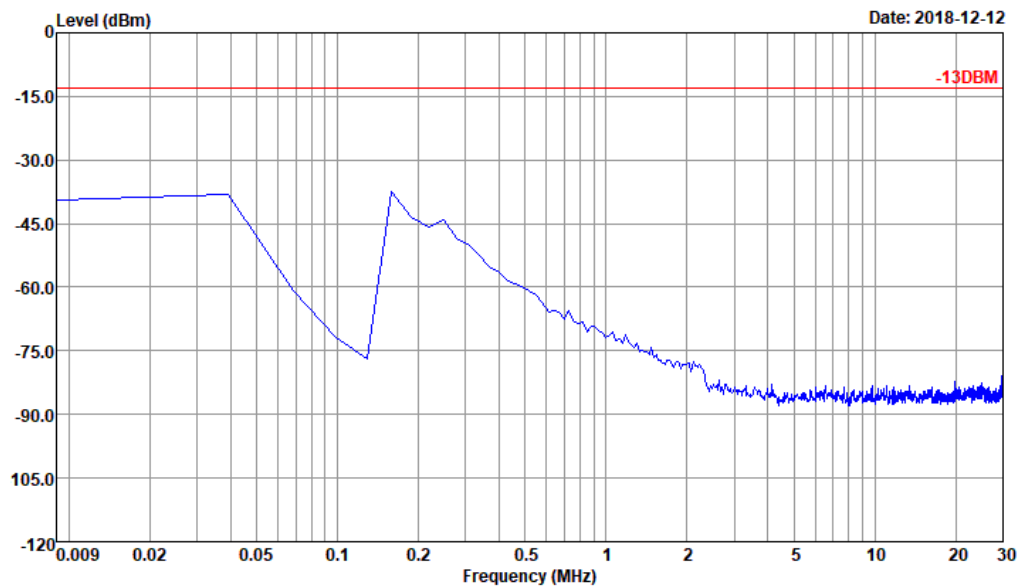
## 7.1.2 Test Band = Band5\_ANT2

### 7.1.2.1 Test Bandwidth = 1.4



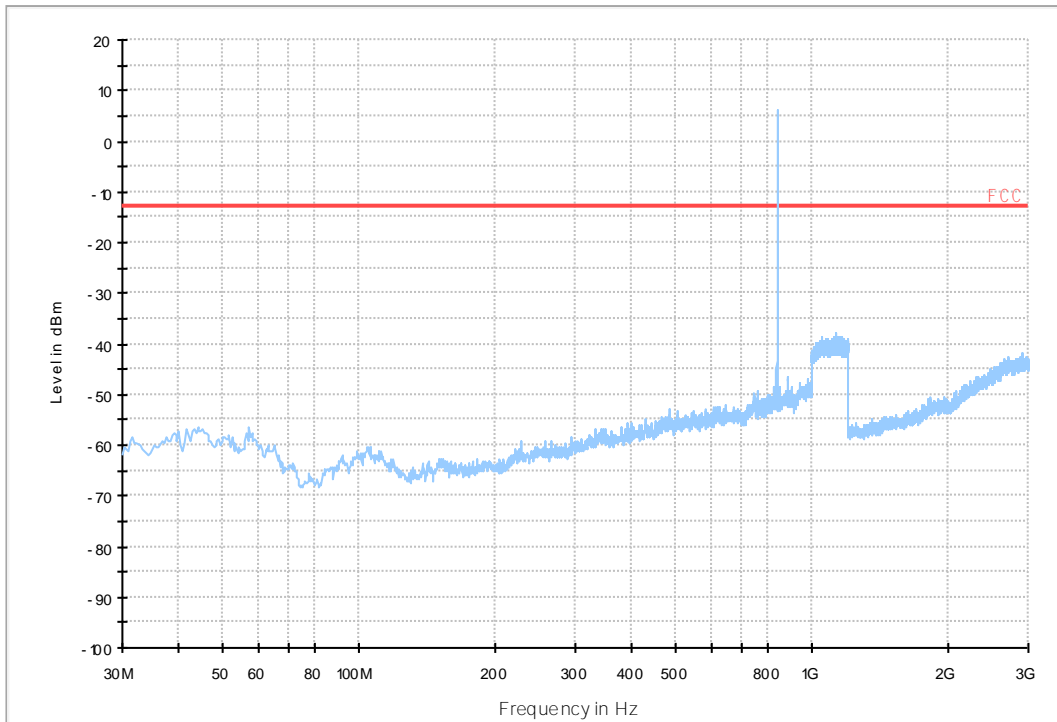
Data: 75

Date: 2018-12-12

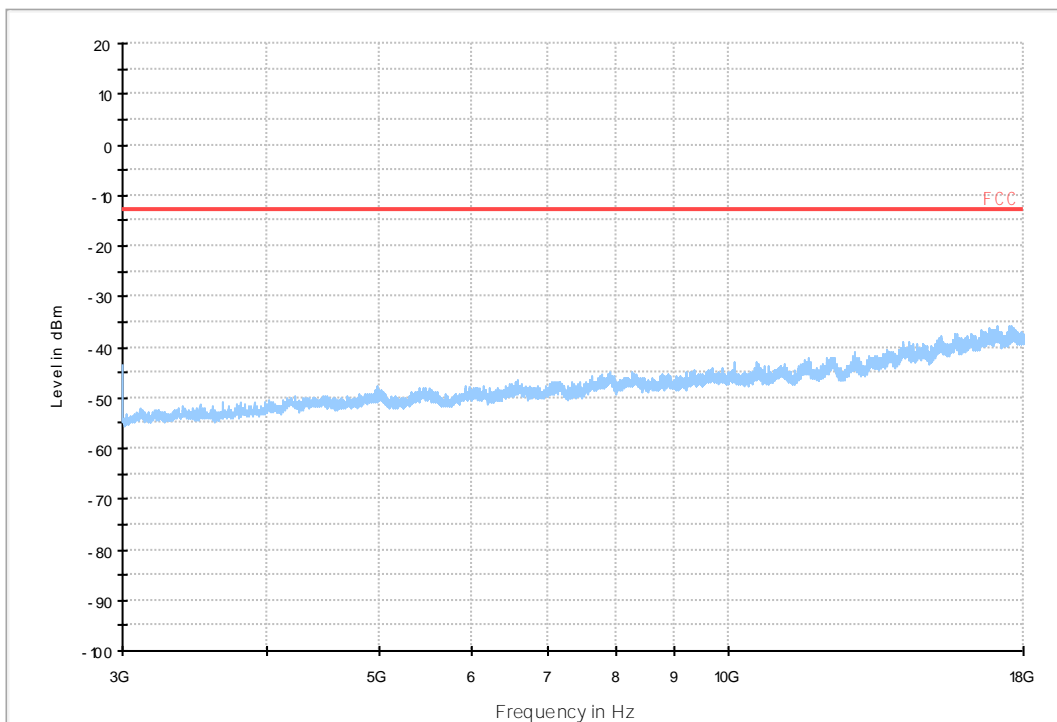


Site : 03CH01-SZ  
Condition : -13DBM  
: RBW:9.000KHz VBW:30.000KHz

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



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

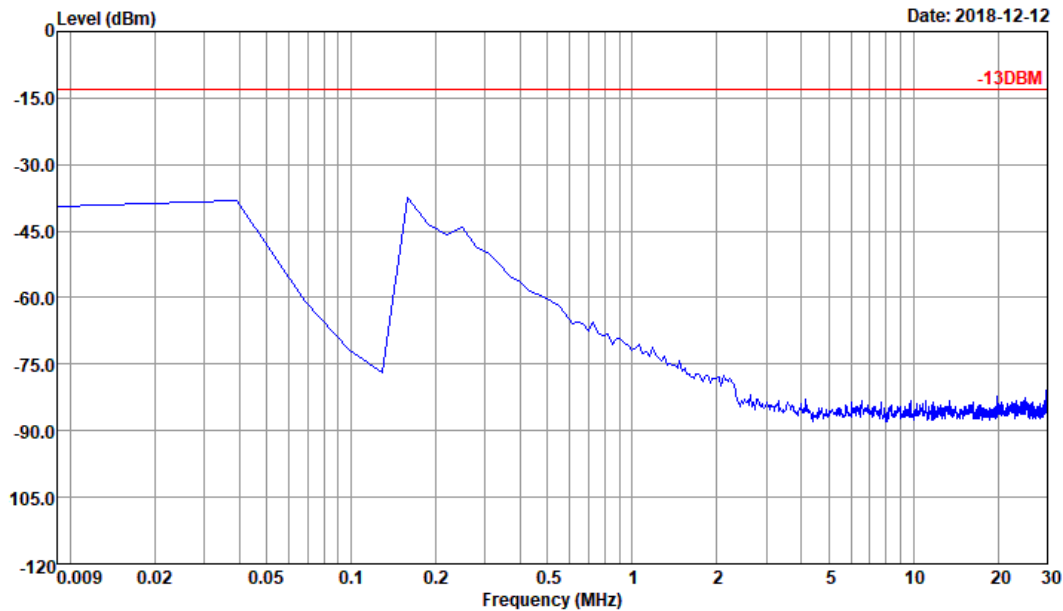


## 7.1.2.2 Test Bandwidth = 10



Data: 75

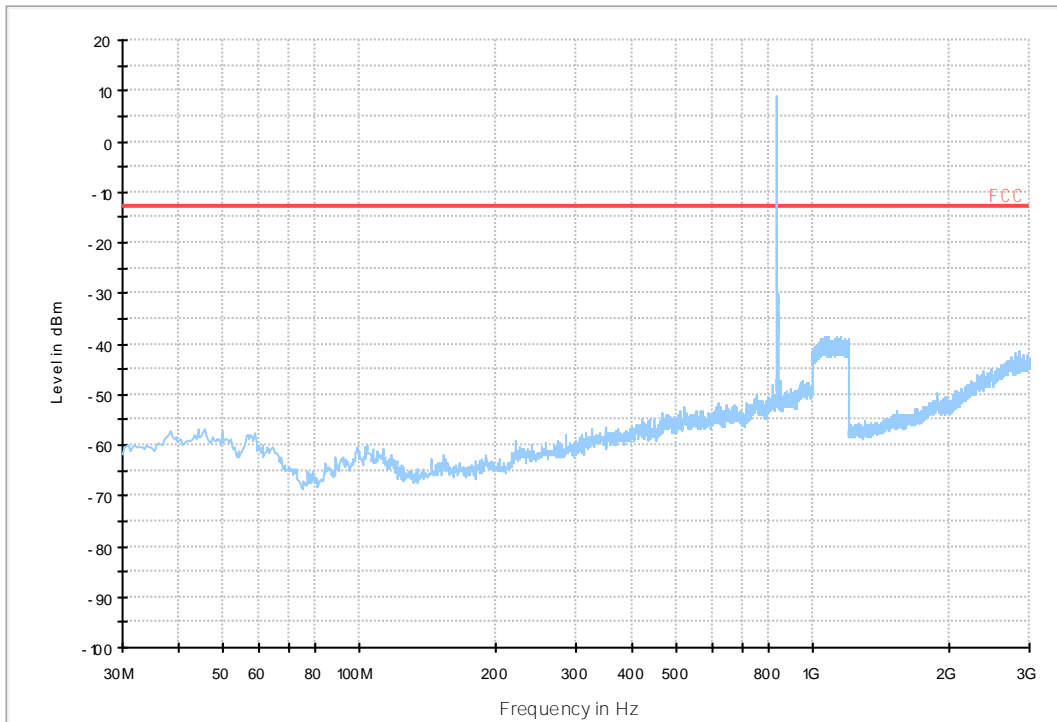
Date: 2018-12-12



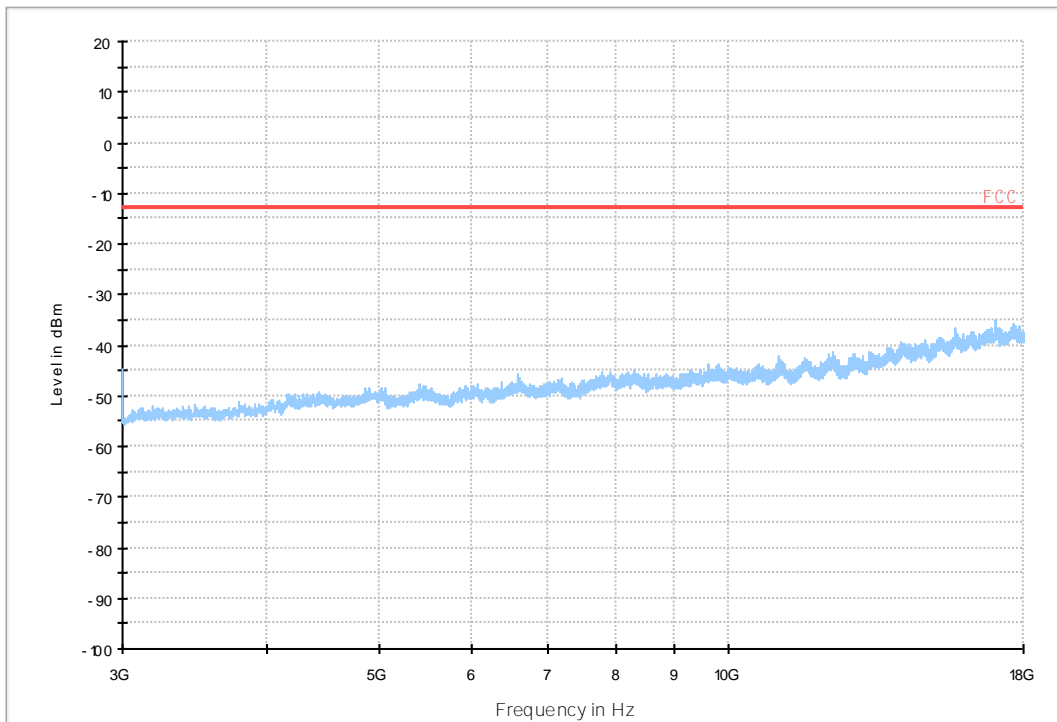
Site : 03CH01-SZ  
Condition : -13DBM  
: RBW:9.000KHz VBW:30.000KHz



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



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



## 8Appendix\_H: Frequency Stability

### 8.1 For LTE

#### 8.1.1 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
Band5	LTE/TM1	1.4	LCH	TN	VL	-3.41892	-0.00415	PASS
					VN	2.37465	0.00288	PASS
					VH	-0.81539	-0.00099	PASS
			MCH	TN	VL	16.19339	0.01936	PASS
					VN	1.08719	0.00130	PASS
					VH	-6.35147	-0.00759	PASS
			HCH	TN	VL	2.64645	0.00313	PASS
					VN	2.50339	0.00296	PASS
					VH	3.99113	0.00471	PASS
		3	LCH	TN	VL	0.64373	0.00078	PASS
					VN	-1.73092	-0.00210	PASS
					VH	2.27451	0.00276	PASS
			MCH	TN	VL	-2.91824	-0.00349	PASS
					VN	1.02997	0.00123	PASS
					VH	-1.35899	-0.00162	PASS
			HCH	TN	VL	0.94414	0.00111	PASS
					VN	-1.45912	-0.00172	PASS
					VH	-0.41485	-0.00049	PASS
		5	LCH	TN	VL	-5.47886	-0.00663	PASS
					VN	1.55926	0.00189	PASS
					VH	-3.23296	-0.00391	PASS
			MCH	TN	VL	-0.88692	-0.00106	PASS
					VN	-3.31879	-0.00397	PASS
					VH	-0.02861	-0.00003	PASS
			HCH	TN	VL	2.64645	0.00313	PASS
					VN	2.50339	0.00296	PASS
					VH	3.99113	0.00471	PASS
		10	LCH	TN	VL	-1.28746	-0.00155	PASS
					VN	0.10014	0.00012	PASS
					VH	0.50068	0.00060	PASS
			MCH	TN	VL	0.58651	0.00070	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	-10.71453	-0.01281	PASS
					VH	-1.31607	-0.00157	PASS
					VL	2.27451	0.00269	PASS
			HCH	TN	VN	-1.64509	-0.00195	PASS
					VH	2.81811	0.00334	PASS
					VL	14.49108	0.01757	PASS
		1.4	LCH	TN	VN	-11.55853	-0.01402	PASS
					VH	5.27859	0.00640	PASS
					VL	-1.44482	-0.00173	PASS
			MCH	TN	VN	9.18388	0.01098	PASS
					VH	5.16415	0.00617	PASS
					VL	-0.41485	-0.00049	PASS
			HCH	TN	VN	12.43114	0.01473	PASS
					VH	-0.37193	-0.00044	PASS
					VL	3.24726	0.00393	PASS
	3	LCH	TN	VN	0.78678	0.00095	PASS	
				VH	3.81947	0.00463	PASS	
				VL	-9.06944	-0.01084	PASS	
		MCH	TN	VN	8.41141	0.01006	PASS	
				VH	-3.19004	-0.00381	PASS	
				VL	-0.01431	-0.00002	PASS	
		HCH	TN	VN	5.62191	0.00663	PASS	
				VH	2.54631	0.00300	PASS	
				VL	-1.44482	-0.00175	PASS	
	5	LCH	TN	VN	-1.20163	-0.00145	PASS	
				VH	-0.91553	-0.00111	PASS	
				VL	1.73092	0.00207	PASS	
		MCH	TN	VN	-12.34531	-0.01476	PASS	
				VH	-1.35899	-0.00162	PASS	
				VL	0.80109	0.00095	PASS	
		HCH	TN	VN	4.20570	0.00497	PASS	
				VH	1.64509	0.00194	PASS	
				VL	-0.31471	-0.00038	PASS	
	10	LCH	TN	VN	1.98841	0.00240	PASS	
				VH	0.40054	0.00048	PASS	
				VL	3.36170	0.00402	PASS	
		MCH	TN	VN	-0.95844	-0.00115	PASS	
				VH	2.16007	0.00258	PASS	
				VL				

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	TN	VL	-0.41485	-0.00049	PASS
					VN	12.43114	0.01473	PASS
					VH	-0.37193	-0.00044	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	-4.77791	-0.00579	PASS
					-20	20.08438	0.02435	PASS
					-10	2.17438	0.00264	PASS
					0	6.89506	0.00836	PASS
					10	5.90801	0.00716	PASS
					20	2.37465	0.00288	PASS
					30	8.35419	0.01013	PASS
					40	12.73155	0.01544	PASS
					50	5.60761	0.00680	PASS
			MCH	VN	-30	-0.87261	-0.00104	PASS
					-20	4.43459	0.00530	PASS
					-10	0.87261	0.00104	PASS
					0	9.81331	0.01173	PASS
					10	-11.00063	-0.01315	PASS
					20	1.08719	0.00130	PASS
					30	7.46727	0.00893	PASS
					40	1.94550	0.00233	PASS
					50	2.48909	0.00298	PASS
		HCH	VN	-30	-2.14577	-0.00253	PASS	
				-20	-1.47343	-0.00174	PASS	
				-10	-2.16007	-0.00255	PASS	
				0	0.04292	0.00005	PASS	
				10	-4.36306	-0.00515	PASS	
				20	2.50339	0.00296	PASS	
				30	-6.70910	-0.00793	PASS	
				40	2.13146	0.00252	PASS	
				50	-2.08855	-0.00247	PASS	
3	LCH	VN	-30	-6.25134	-0.00757	PASS		
			-20	-3.20435	-0.00388	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-10	-9.57012	-0.01159	PASS	
					0	-13.33237	-0.01615	PASS	
					10	1.78814	0.00217	PASS	
					20	-1.73092	-0.00210	PASS	
					30	-2.40326	-0.00291	PASS	
					40	-1.51634	-0.00184	PASS	
					50	-2.78950	-0.00338	PASS	
			MCH	VN	-30	-1.97411	-0.00236	PASS	
					-20	-9.19819	-0.01100	PASS	
					-10	0.85831	0.00103	PASS	
					0	-0.98705	-0.00118	PASS	
					10	1.57356	0.00188	PASS	
					20	1.02997	0.00123	PASS	
					30	-6.90937	-0.00826	PASS	
			HCH	VN	-30	-0.10014	-0.00012	PASS	
					-20	0.98705	0.00116	PASS	
					-10	-3.56197	-0.00420	PASS	
					0	-2.47478	-0.00292	PASS	
					10	-4.09126	-0.00483	PASS	
					20	-1.45912	-0.00172	PASS	
					30	-8.41141	-0.00992	PASS	
			5	LCH	VN	40	0.71526	0.00084	PASS
						50	-3.36170	-0.00397	PASS
						-30	-2.28882	-0.00277	PASS
						-20	-0.22888	-0.00028	PASS
						-10	-3.33309	-0.00403	PASS
						0	-1.33038	-0.00161	PASS
						10	4.37737	0.00530	PASS
				MCH	VN	20	1.55926	0.00189	PASS
						30	0.65804	0.00080	PASS
40	-1.01566	-0.00123				PASS			
50	-0.85831	-0.00104				PASS			
-30	-1.35899	-0.00162				PASS			
-20	-1.31607	-0.00157				PASS			
-10	0.71526	0.00086				PASS			
0	4.17709	0.00499				PASS			
10	-1.41621	-0.00169	PASS						

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict								
					20	-3.31879	-0.00397	PASS								
					30	-8.72612	-0.01043	PASS								
					40	-3.66211	-0.00438	PASS								
					50	-3.44753	-0.00412	PASS								
			HCH	VN				-30	-2.14577	-0.00253	PASS					
								-20	-1.47343	-0.00174	PASS					
								-10	-2.16007	-0.00255	PASS					
								0	0.04292	0.00005	PASS					
								10	-4.36306	-0.00515	PASS					
								20	2.50339	0.00296	PASS					
								30	-6.70910	-0.00793	PASS					
								40	2.13146	0.00252	PASS					
								50	-2.08855	-0.00247	PASS					
								LCH	VN				-30	6.23703	0.00752	PASS
													-20	-0.70095	-0.00085	PASS
													-10	-7.53880	-0.00909	PASS
			0	-1.05858	-0.00128	PASS										
			10	0.10014	0.00012	PASS										
			20	0.10014	0.00012	PASS										
			30	3.70503	0.00447	PASS										
		40	1.37329	0.00166	PASS											
		MCH	VN				50	-0.25749	-0.00031	PASS						
							-30	-0.28610	-0.00034	PASS						
							-20	8.08239	0.00966	PASS						
							-10	-1.07288	-0.00128	PASS						
							0	8.99792	0.01076	PASS						
							10	-1.34468	-0.00161	PASS						
							20	-10.71453	-0.01281	PASS						
							30	-1.80244	-0.00215	PASS						
		HCH	VN				40	3.80516	0.00455	PASS						
							50	2.67506	0.00320	PASS						
							-30	-7.93934	-0.00941	PASS						
							-20	2.70367	0.00320	PASS						
							-10	-7.13825	-0.00846	PASS						
							0	-0.41485	-0.00049	PASS						
							10	0.38624	0.00046	PASS						
							20	-1.64509	-0.00195	PASS						
							30	2.23160	0.00264	PASS						
							40	-2.87533	-0.00341	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	-2.37465	-0.00281	PASS
					-30	-5.20706	-0.00631	PASS
					-20	-9.58443	-0.01162	PASS
					-10	3.43323	0.00416	PASS
					0	-3.07560	-0.00373	PASS
					10	-1.31607	-0.00160	PASS
					20	-11.55853	-0.01402	PASS
					30	1.07288	0.00130	PASS
					40	9.68456	0.01174	PASS
			50	-11.95908	-0.01450	PASS		
			MCH	VN	-30	2.70367	0.00323	PASS
					-20	11.20090	0.01339	PASS
					-10	4.07696	0.00487	PASS
					0	9.18388	0.01098	PASS
					10	2.27451	0.00272	PASS
					20	9.18388	0.01098	PASS
					30	5.13554	0.00614	PASS
					40	-5.82218	-0.00696	PASS
		50			7.93934	0.00949	PASS	
		HCH	VN	-30	0.52929	0.00063	PASS	
				-20	-0.52929	-0.00063	PASS	
				-10	-0.08583	-0.00010	PASS	
				0	2.28882	0.00271	PASS	
				10	1.27316	0.00151	PASS	
				20	12.43114	0.01473	PASS	
				30	-0.31471	-0.00037	PASS	
				40	-3.14712	-0.00373	PASS	
				50	-7.03812	-0.00834	PASS	
		3	LCH	VN	-30	-3.54767	-0.00430	PASS
					-20	-2.94685	-0.00357	PASS
					-10	-2.44618	-0.00296	PASS
					0	-3.34740	-0.00405	PASS
					10	2.76089	0.00334	PASS
					20	0.78678	0.00095	PASS
					30	0.08583	0.00010	PASS
					40	1.27316	0.00154	PASS
50	-0.91553				-0.00111	PASS		
MCH	VN		-30	-9.72748	-0.01163	PASS		
			-20	-4.53472	-0.00542	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-10	-6.70910	-0.00802	PASS	
					0	7.72476	0.00923	PASS	
					10	3.03268	0.00363	PASS	
					20	8.41141	0.01006	PASS	
					30	-6.86646	-0.00821	PASS	
					40	1.33038	0.00159	PASS	
			50	-5.80788	-0.00694	PASS			
			HCH	VN	-30	6.42300	0.00758	PASS	
					-20	2.40326	0.00284	PASS	
					-10	-0.34332	-0.00041	PASS	
					0	1.95980	0.00231	PASS	
					10	-10.35690	-0.01222	PASS	
					20	5.62191	0.00663	PASS	
			30	-6.12259	-0.00722	PASS			
			40	2.28882	0.00270	PASS			
			50	0.14305	0.00017	PASS			
			5	LCH	VN	-30	0.81539	0.00099	PASS
						-20	-2.36034	-0.00286	PASS
		-10				-5.62191	-0.00680	PASS	
		0				3.26157	0.00395	PASS	
		10				-6.13689	-0.00743	PASS	
		20				-1.20163	-0.00145	PASS	
		30				0.14305	0.00017	PASS	
		40				-0.92983	-0.00113	PASS	
		50				2.01702	0.00244	PASS	
		MCH		VN	-30	-5.03540	-0.00602	PASS	
					-20	8.15391	0.00975	PASS	
					-10	-1.47343	-0.00176	PASS	
					0	3.69072	0.00441	PASS	
					10	-9.79900	-0.01171	PASS	
					20	-12.34531	-0.01476	PASS	
		30		-7.79629	-0.00932	PASS			
		40		-2.87533	-0.00344	PASS			
		50		-4.73499	-0.00566	PASS			
		HCH	VN	-30	1.13010	0.00134	PASS		
				-20	-0.30041	-0.00035	PASS		
-10	5.29289			0.00625	PASS				
0	-5.13554			-0.00607	PASS				
10	-0.75817			-0.00090	PASS				



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					20	4.20570	0.00497	PASS		
					30	2.28882	0.00270	PASS		
					40	-0.78678	-0.00093	PASS		
					50	1.71661	0.00203	PASS		
		10	LCH	VN	-30	-0.27180	-0.00033	PASS		
					-20	2.21729	0.00267	PASS		
					-10	-10.39982	-0.01255	PASS		
					0	-0.75817	-0.00091	PASS		
					10	-0.75817	-0.00091	PASS		
					20	1.98841	0.00240	PASS		
					30	0.10014	0.00012	PASS		
					40	-1.18732	-0.00143	PASS		
					50	2.57492	0.00311	PASS		
					MCH	VN	-30	-0.32902	-0.00039	PASS
							-20	7.23839	0.00865	PASS
							-10	0.78678	0.00094	PASS
							0	3.44753	0.00412	PASS
							10	-0.87261	-0.00104	PASS
							20	-0.95844	-0.00115	PASS
							30	-7.66754	-0.00917	PASS
		40	-3.80516	-0.00455			PASS			
		HCH	VN	-30	0.52929	0.00063	PASS			
				-20	-0.52929	-0.00063	PASS			
				-10	-0.08583	-0.00010	PASS			
				0	2.28882	0.00271	PASS			
				10	1.27316	0.00151	PASS			
				20	12.43114	0.01473	PASS			
				30	-0.31471	-0.00037	PASS			
				40	-3.14712	-0.00373	PASS			
		50	-7.03812	-0.00834	PASS					

END