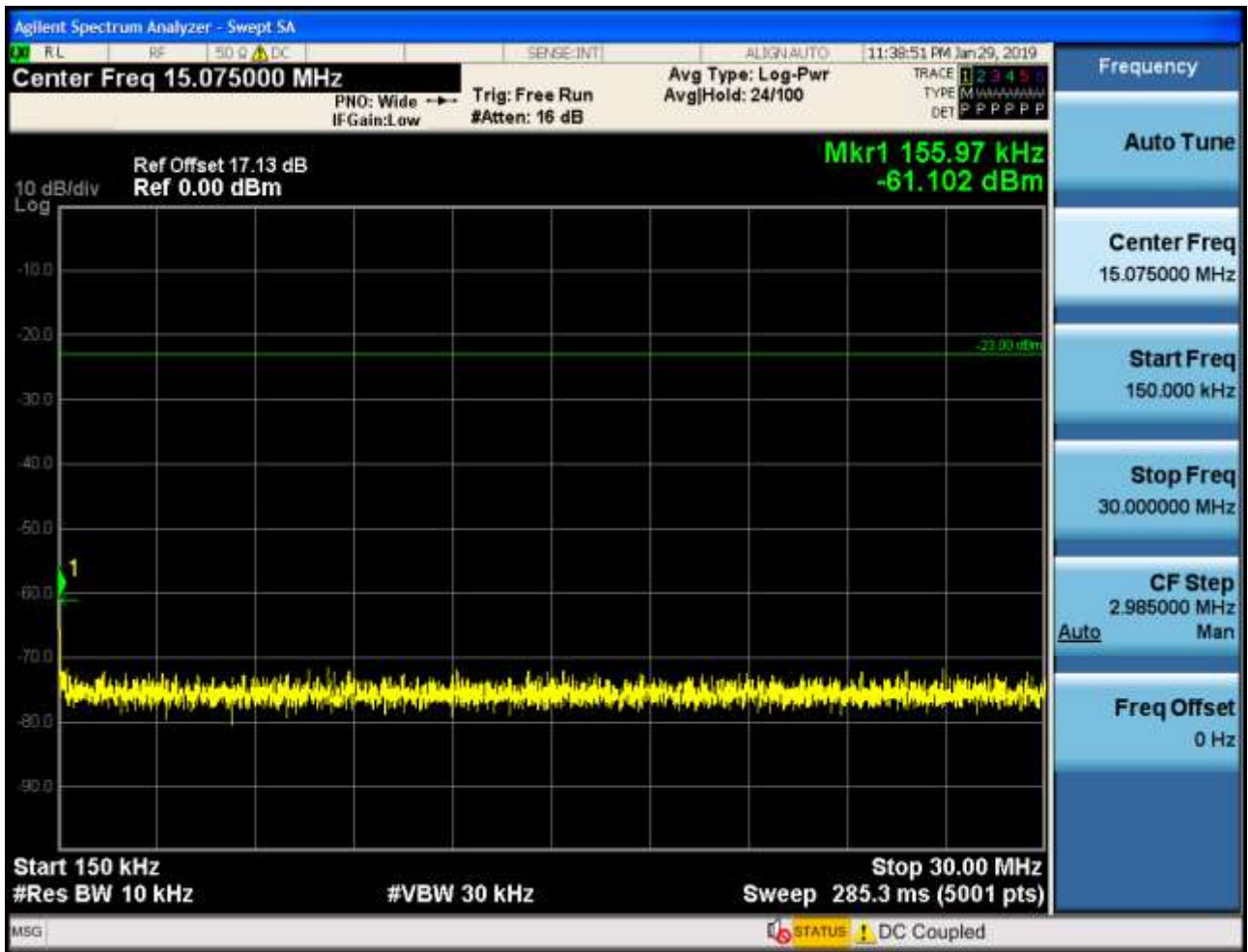
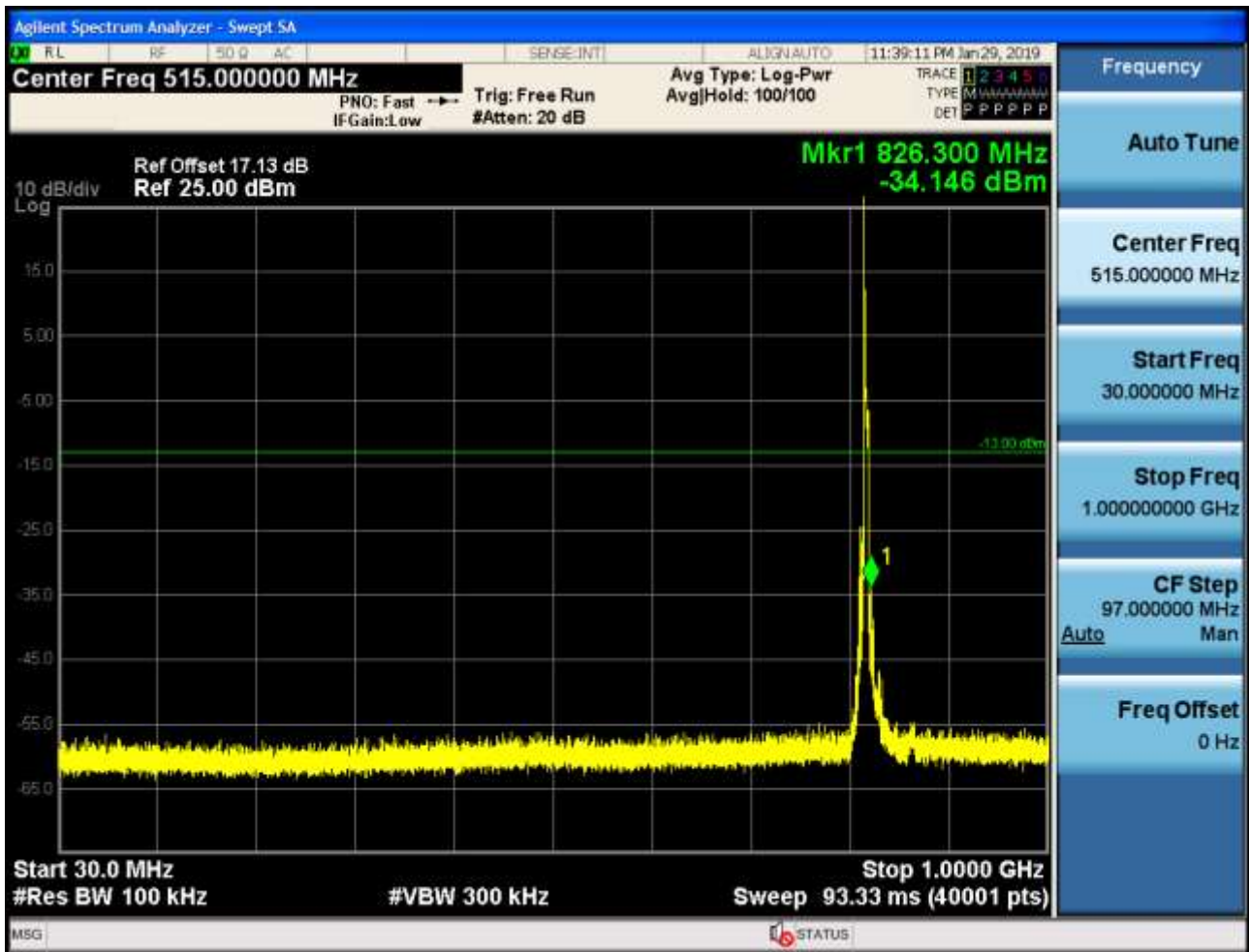


## 6.2.1.1.3.3 Test Channel = HCH

## 6.2.1.1.3.3.1 Test RB = RB1#0









### 6.2.1.1.4 Test Bandwidth = 10

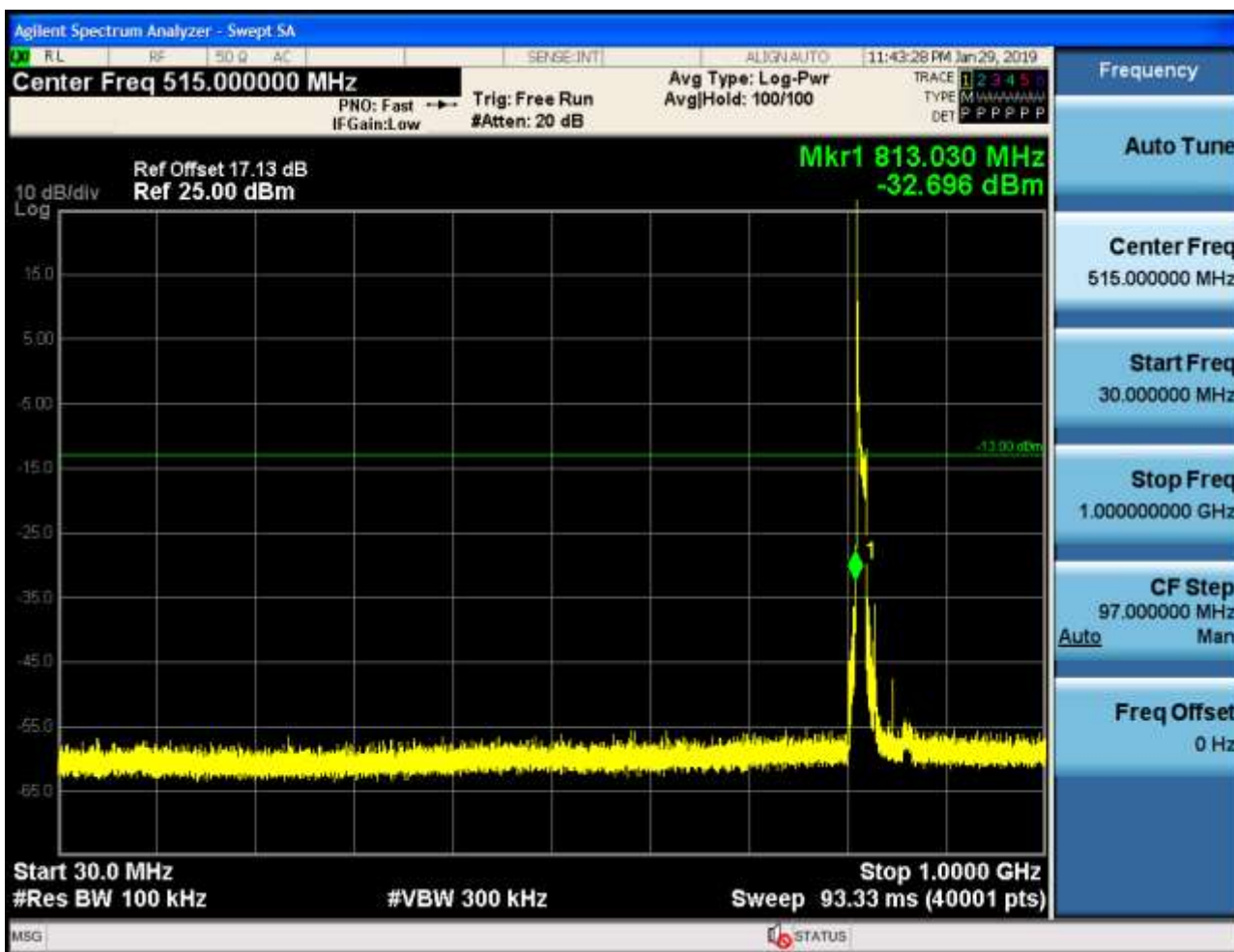
#### 6.2.1.1.4.1 Test Channel = MCH

##### 6.2.1.1.4.1.1 Test RB = RB1#0











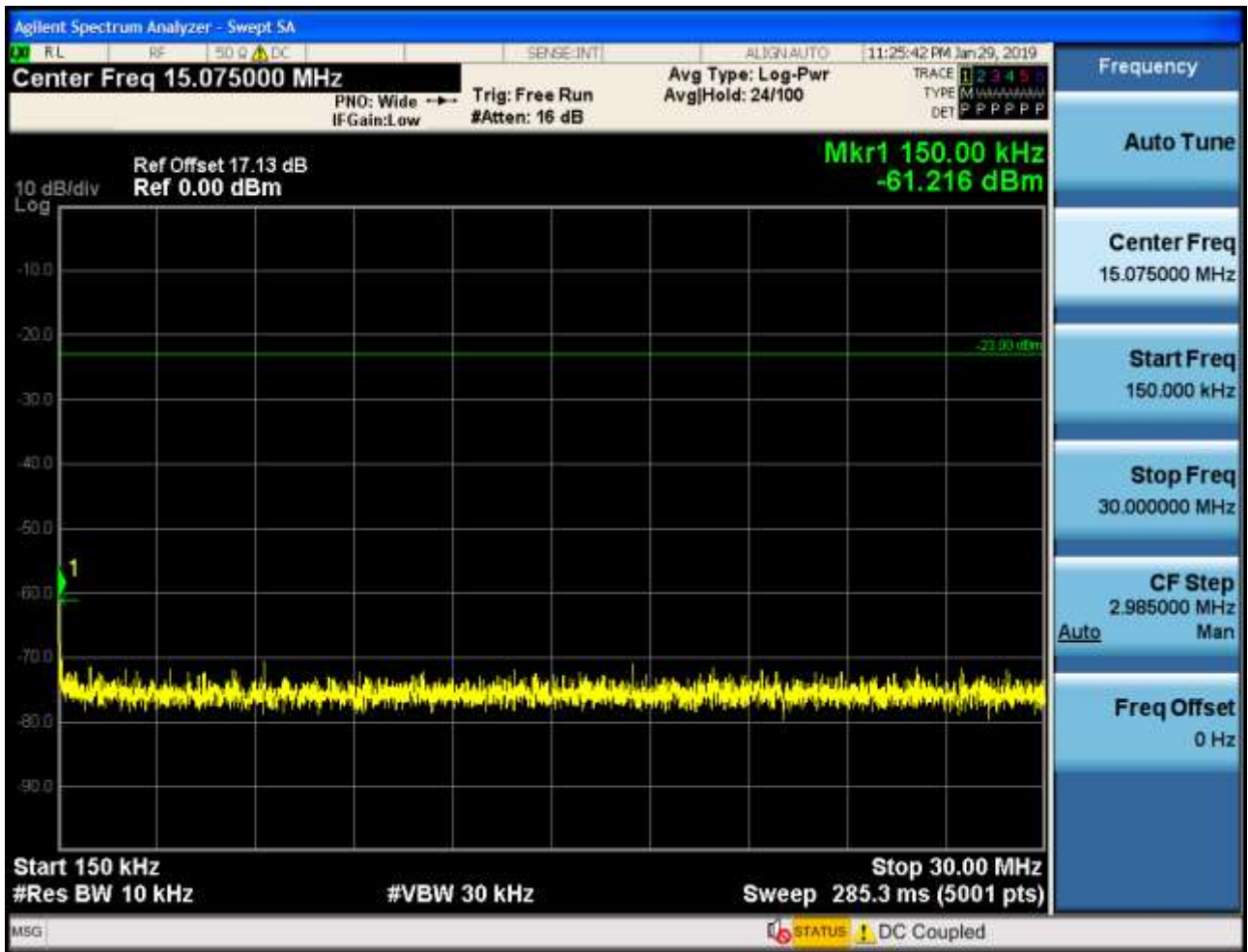
### 6.2.1.2 Test Mode = LTE/TM2

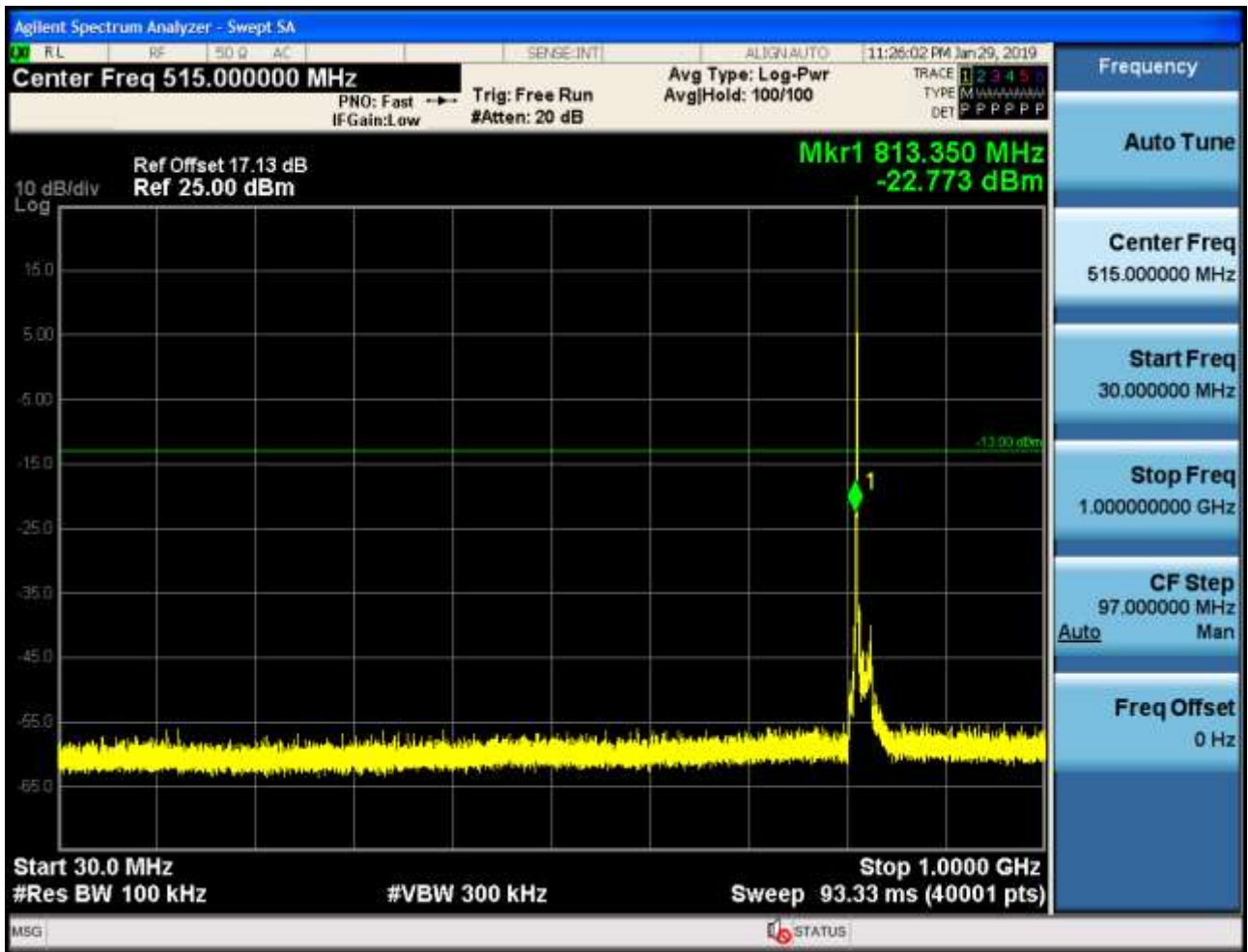
#### 6.2.1.2.1 Test Bandwidth = 1.4

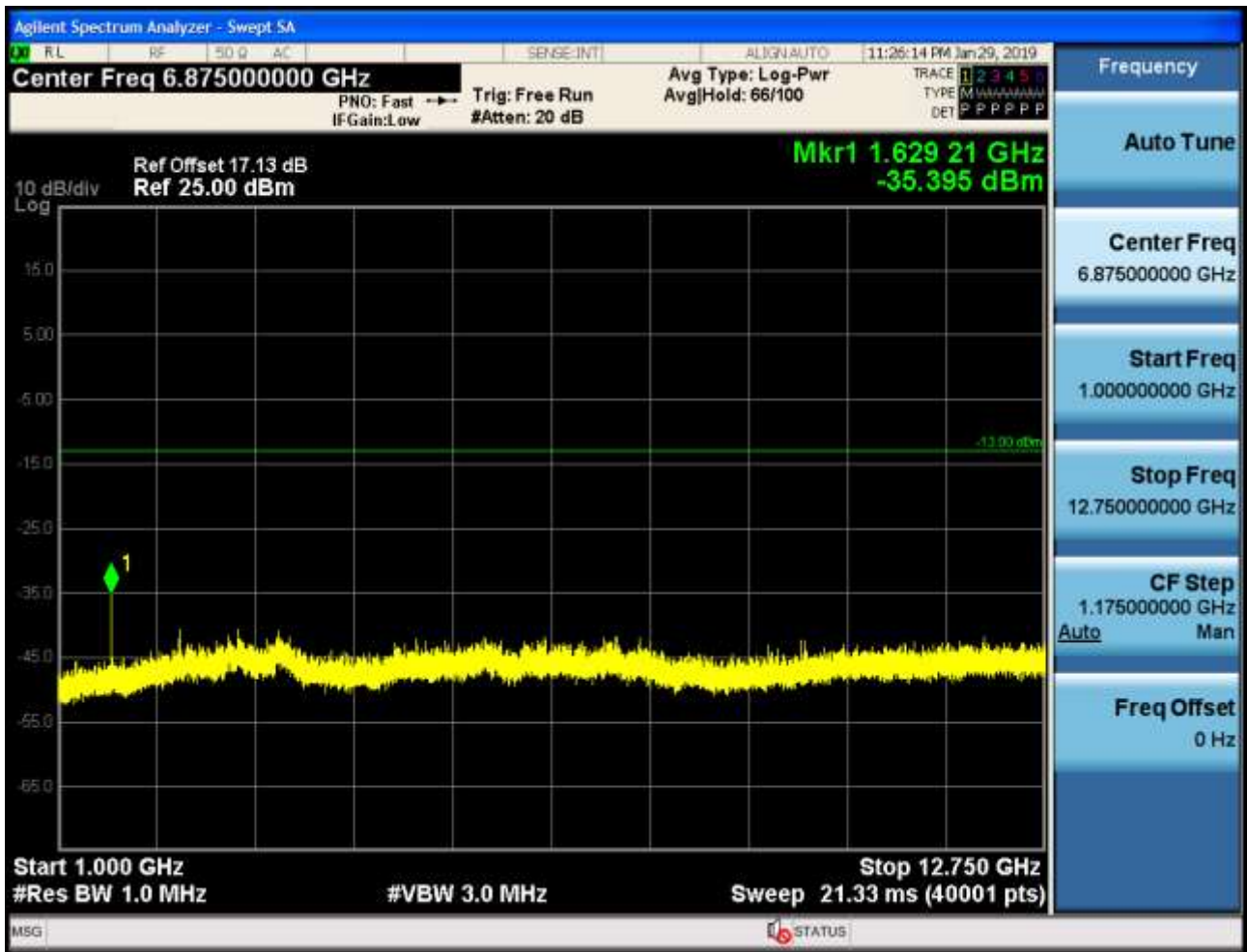
##### 6.2.1.2.1.1 Test Channel = LCH

##### 6.2.1.2.1.1.1 Test RB = RB1#0







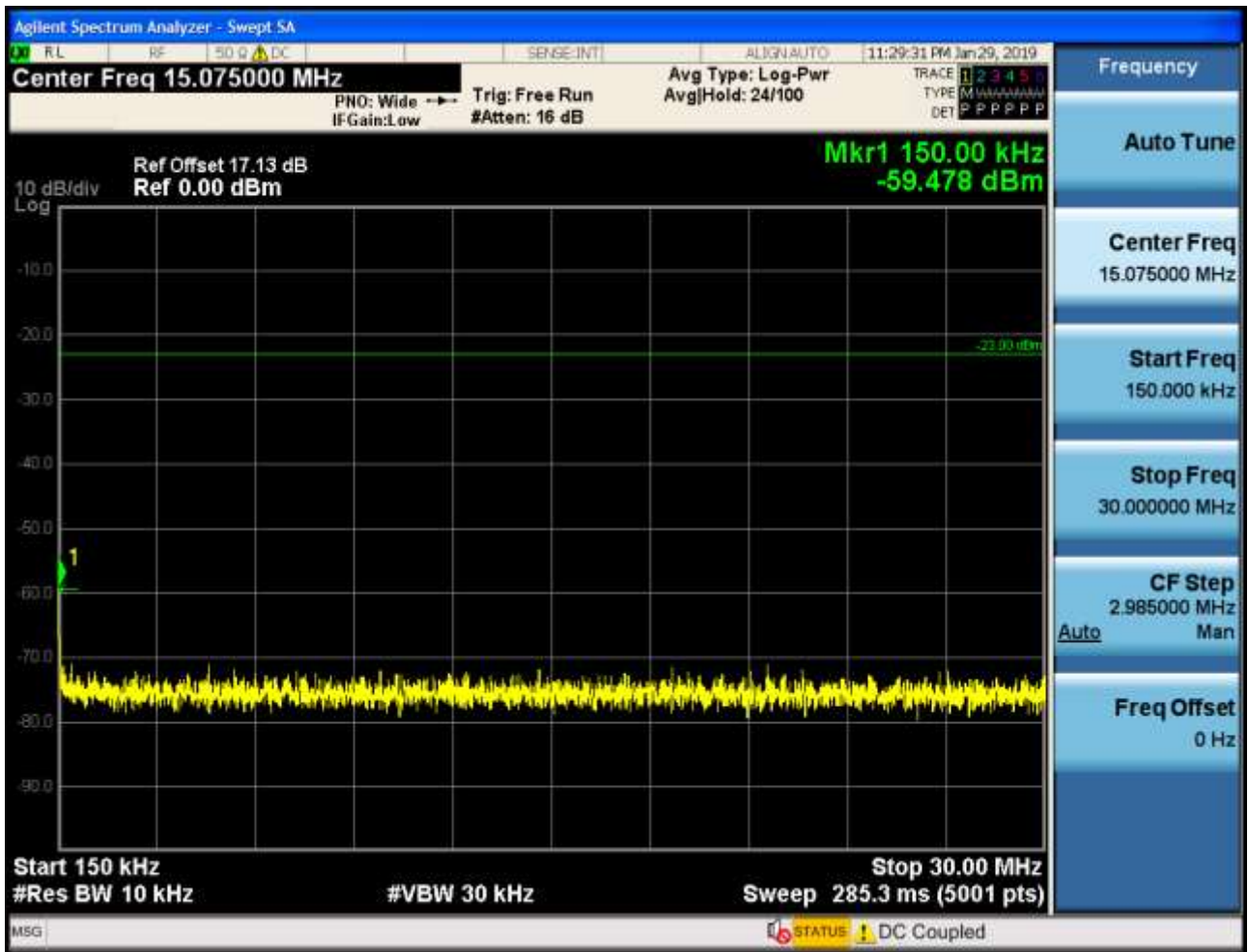


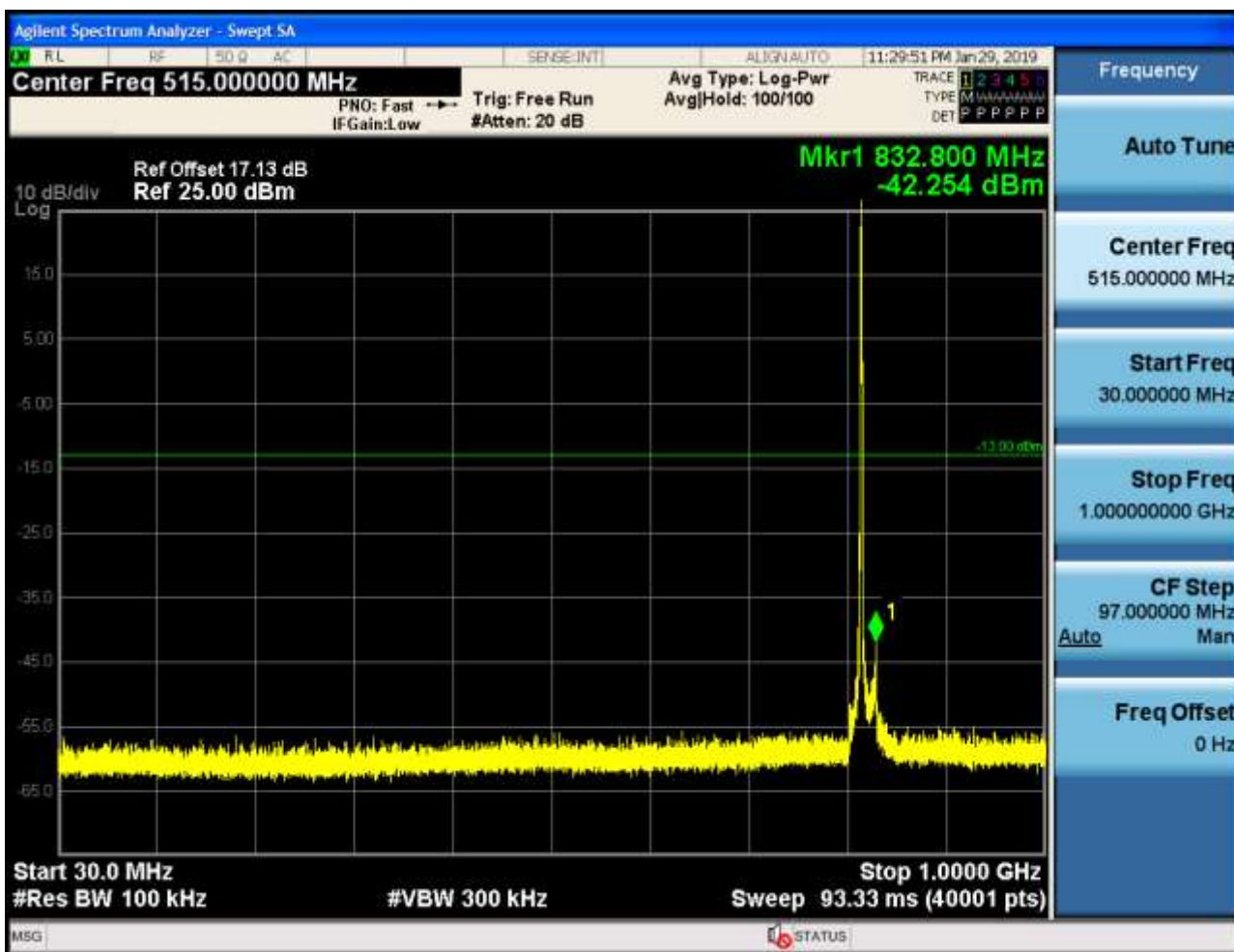
## 6.2.1.2.1.2 Test Channel = MCH

## 6.2.1.2.1.2.1 Test RB = RB1#0







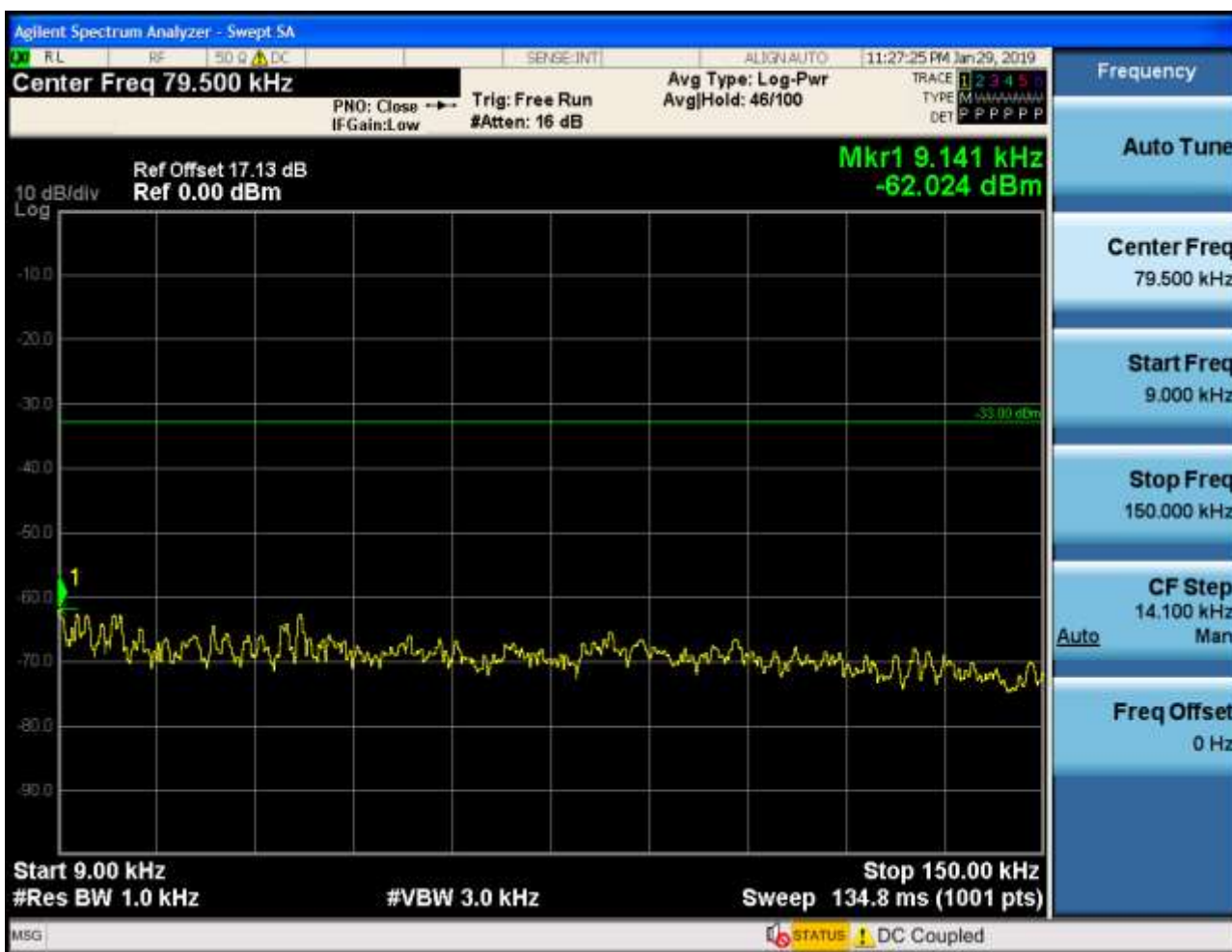




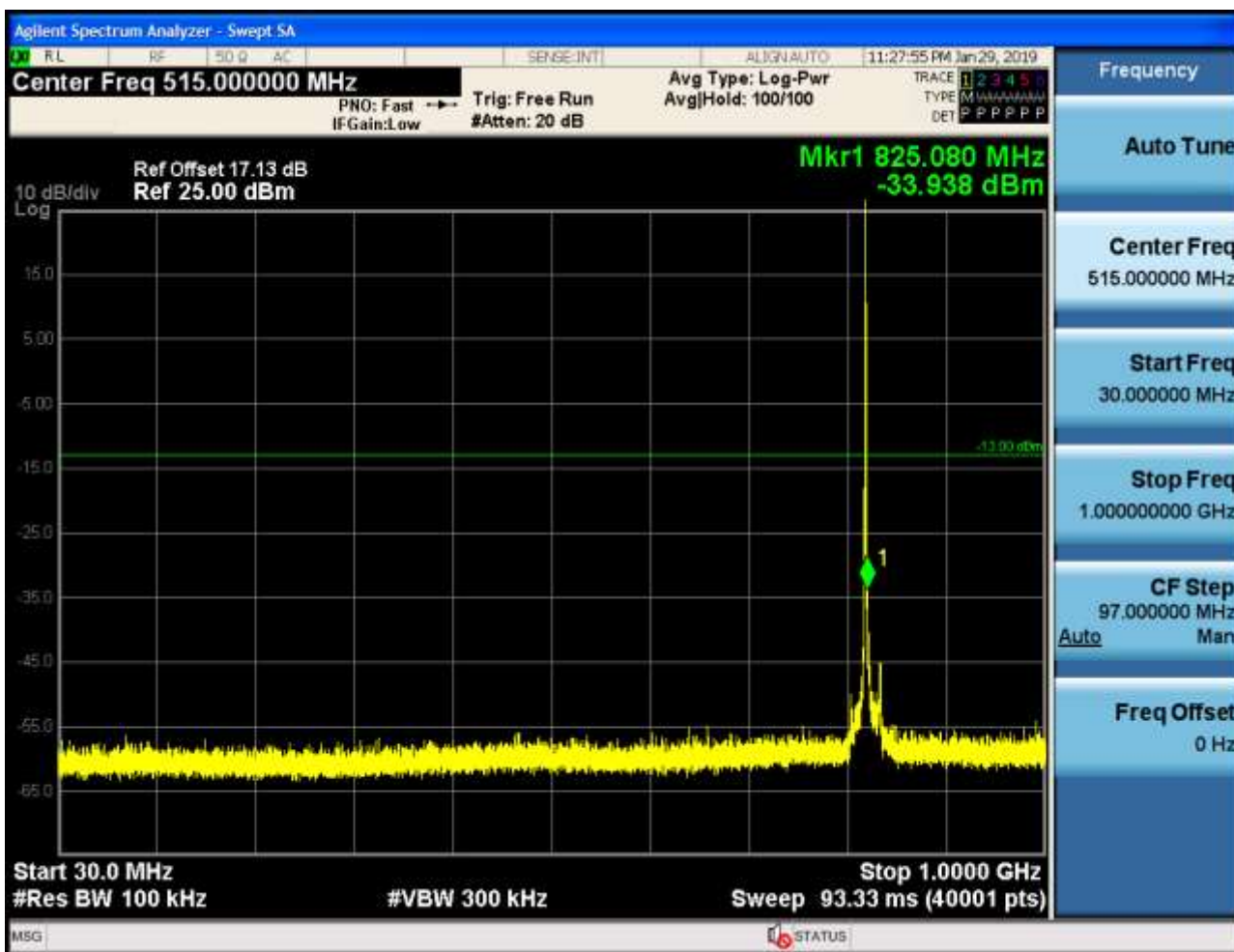


### 6.2.1.2.1.3 Test Channel = HCH

#### 6.2.1.2.1.3.1 Test RB = RB1#0









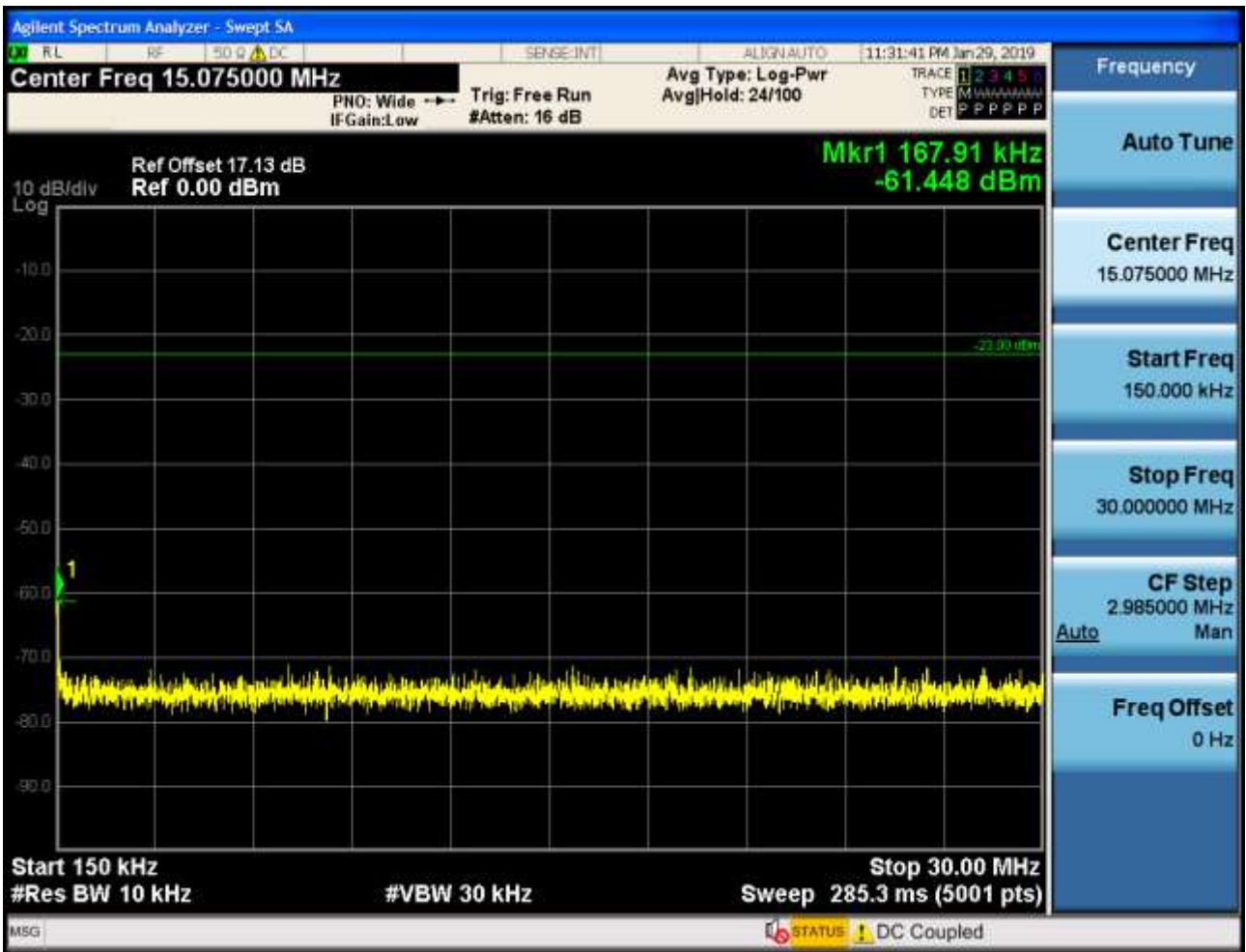
### 6.2.1.2.2 Test Bandwidth = 3

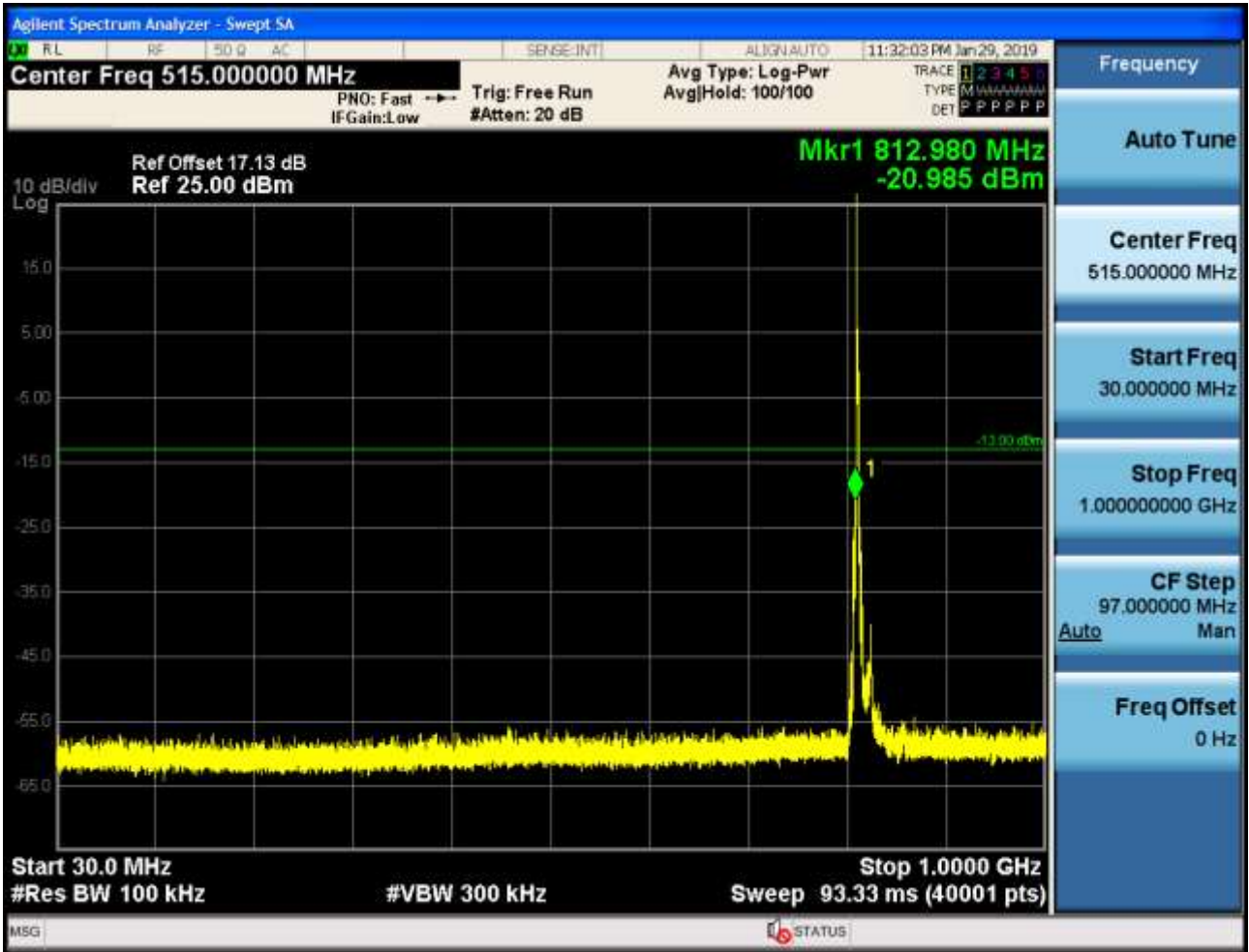
#### 6.2.1.2.2.1 Test Channel = LCH

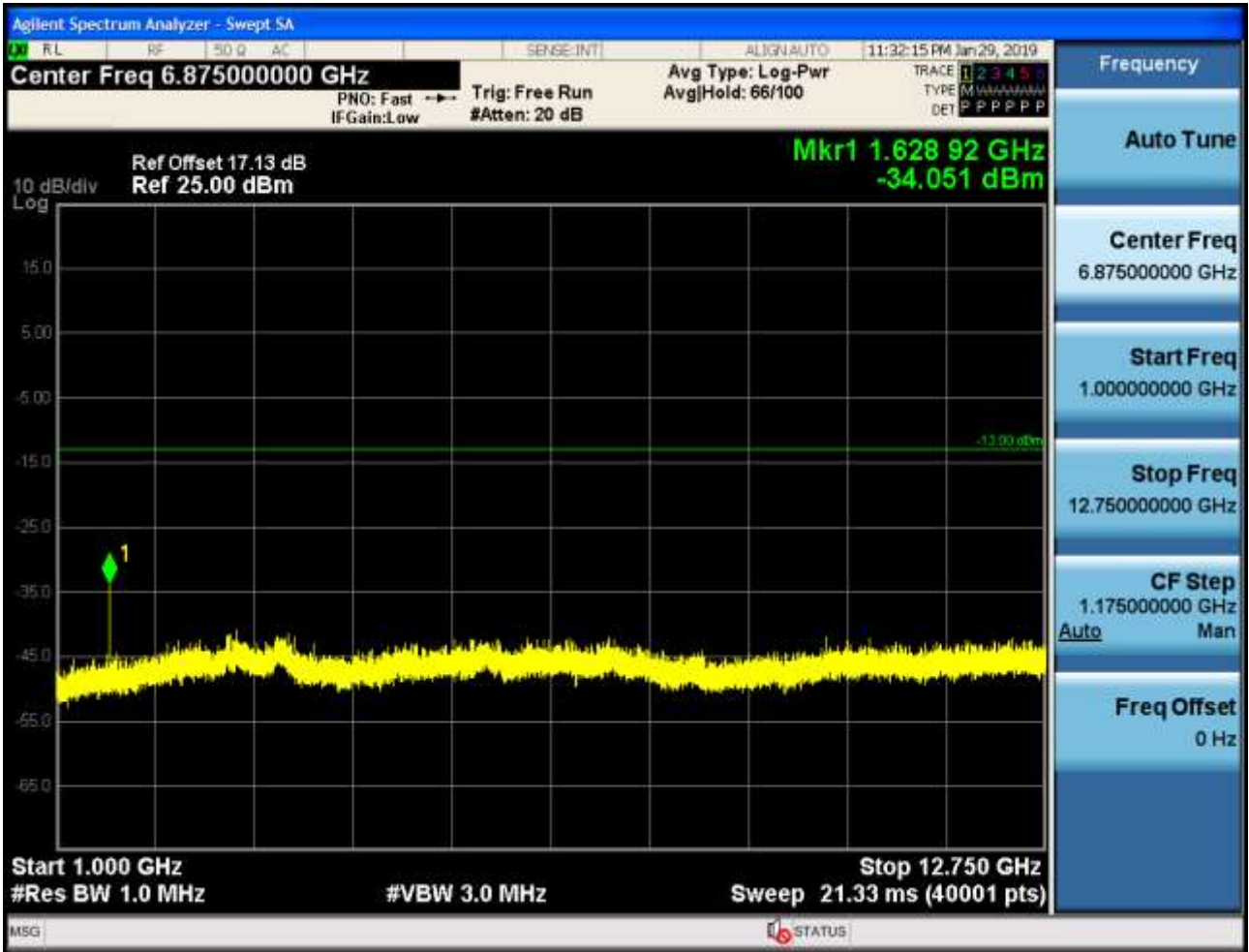
##### 6.2.1.2.2.1.1 Test RB = RB1#0







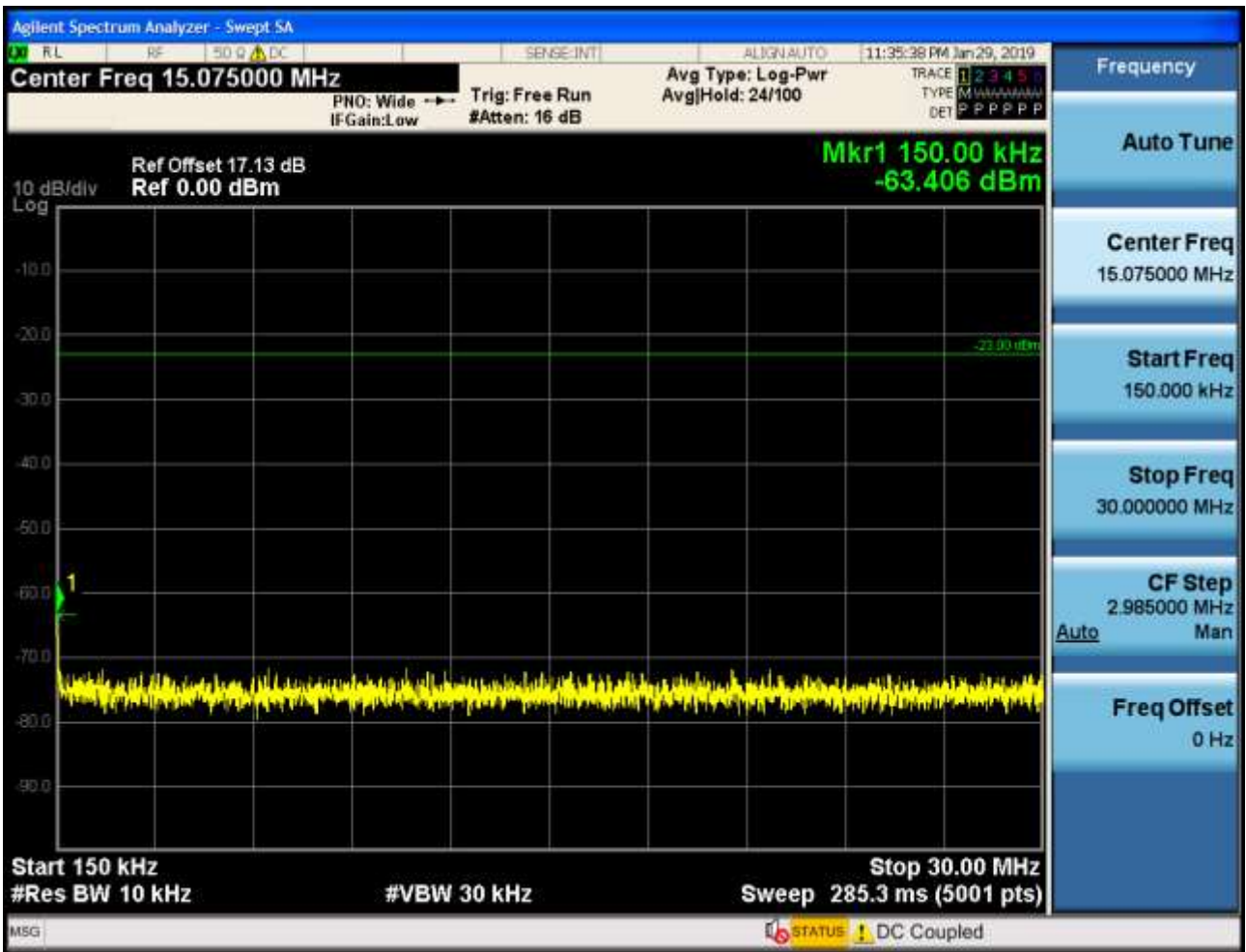


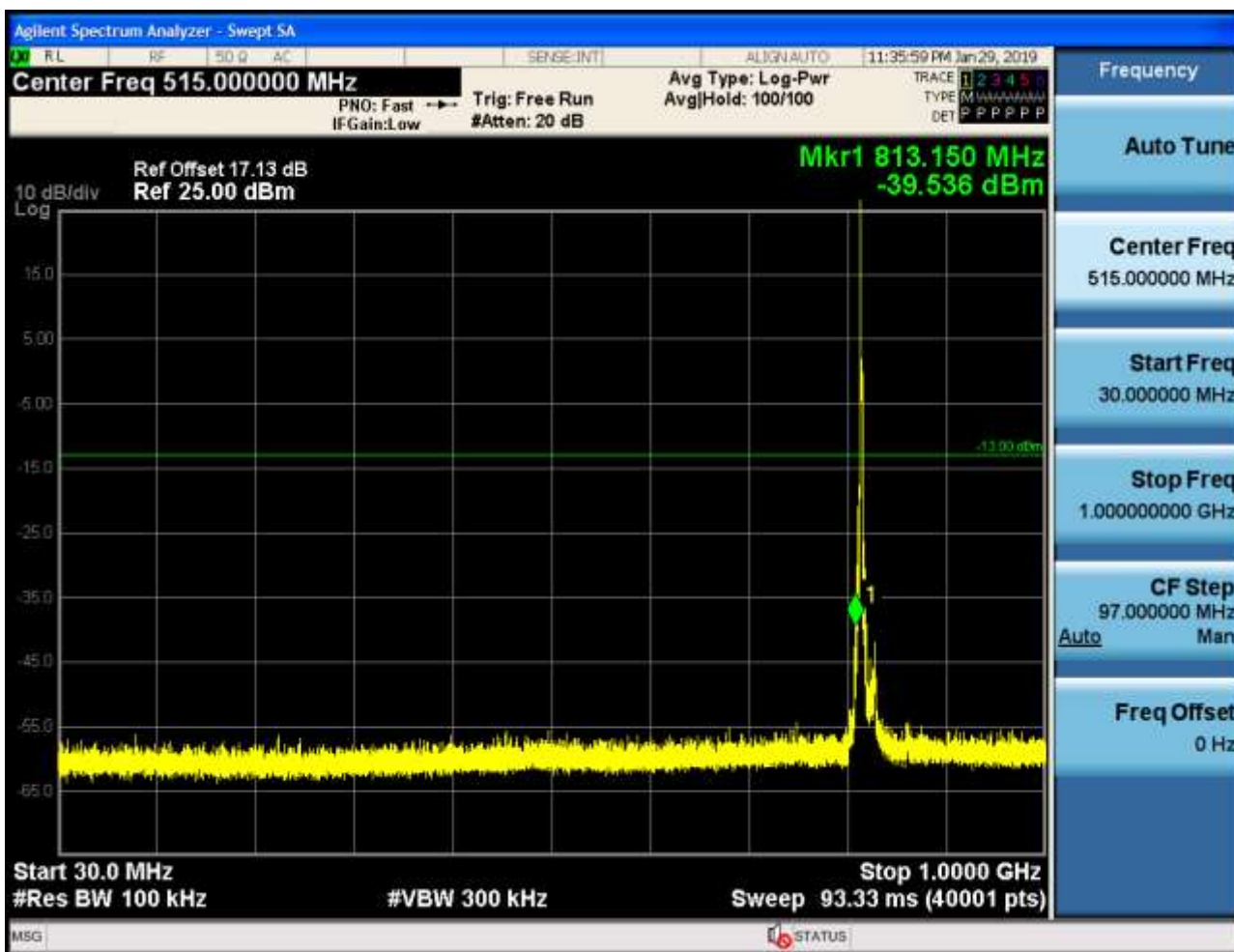


## 6.2.1.2.2.2 Test Channel = MCH

## 6.2.1.2.2.2.1 Test RB = RB1#0





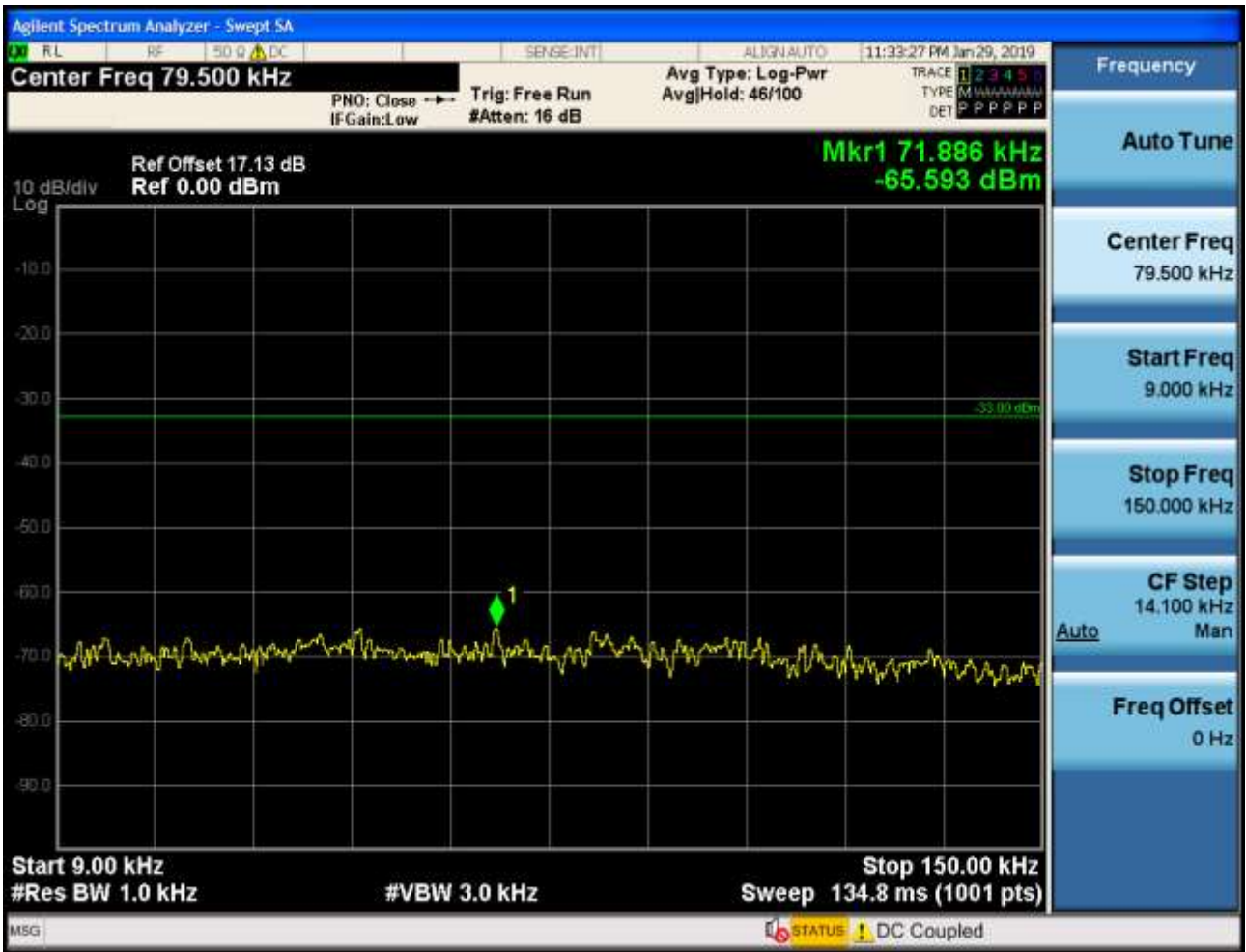




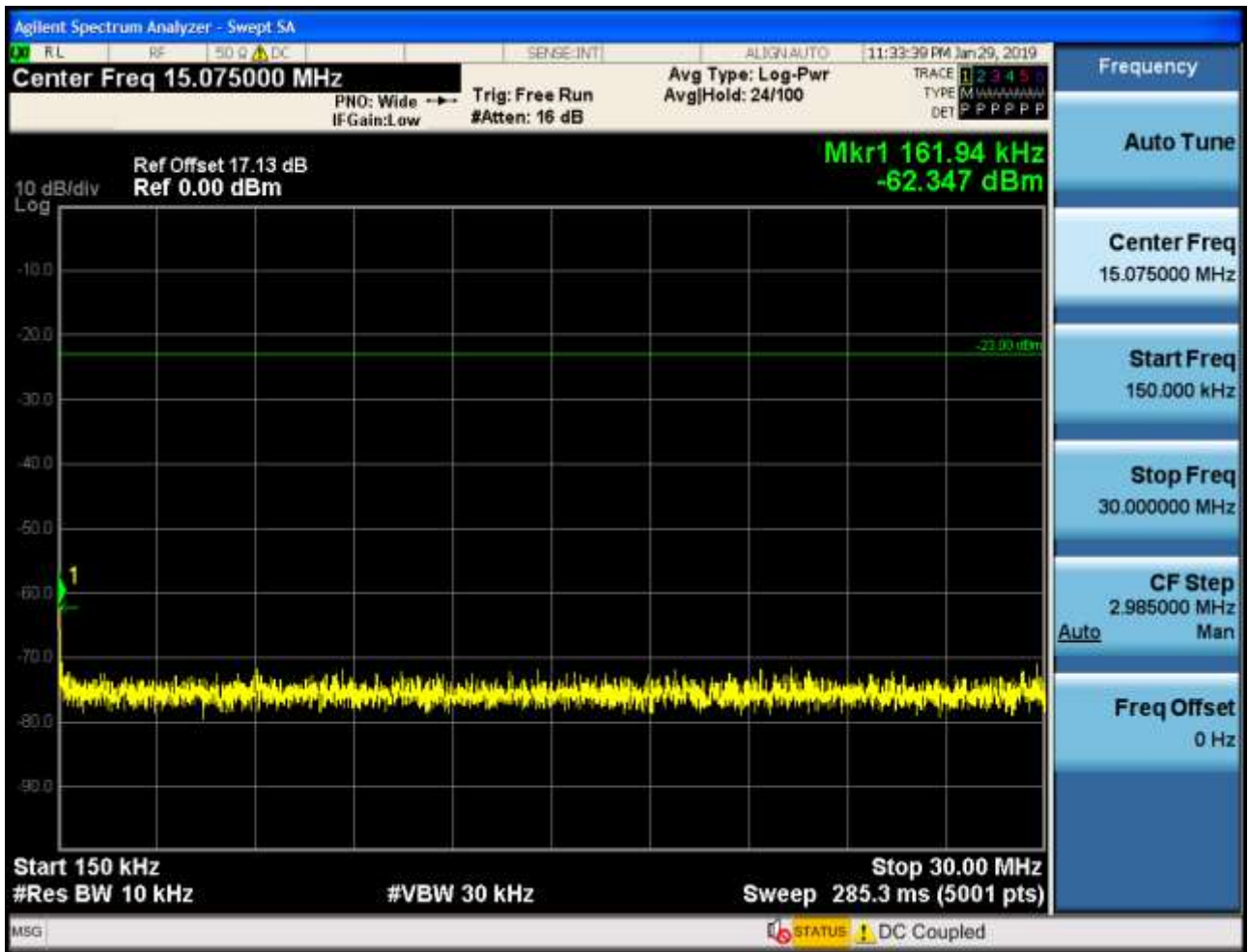


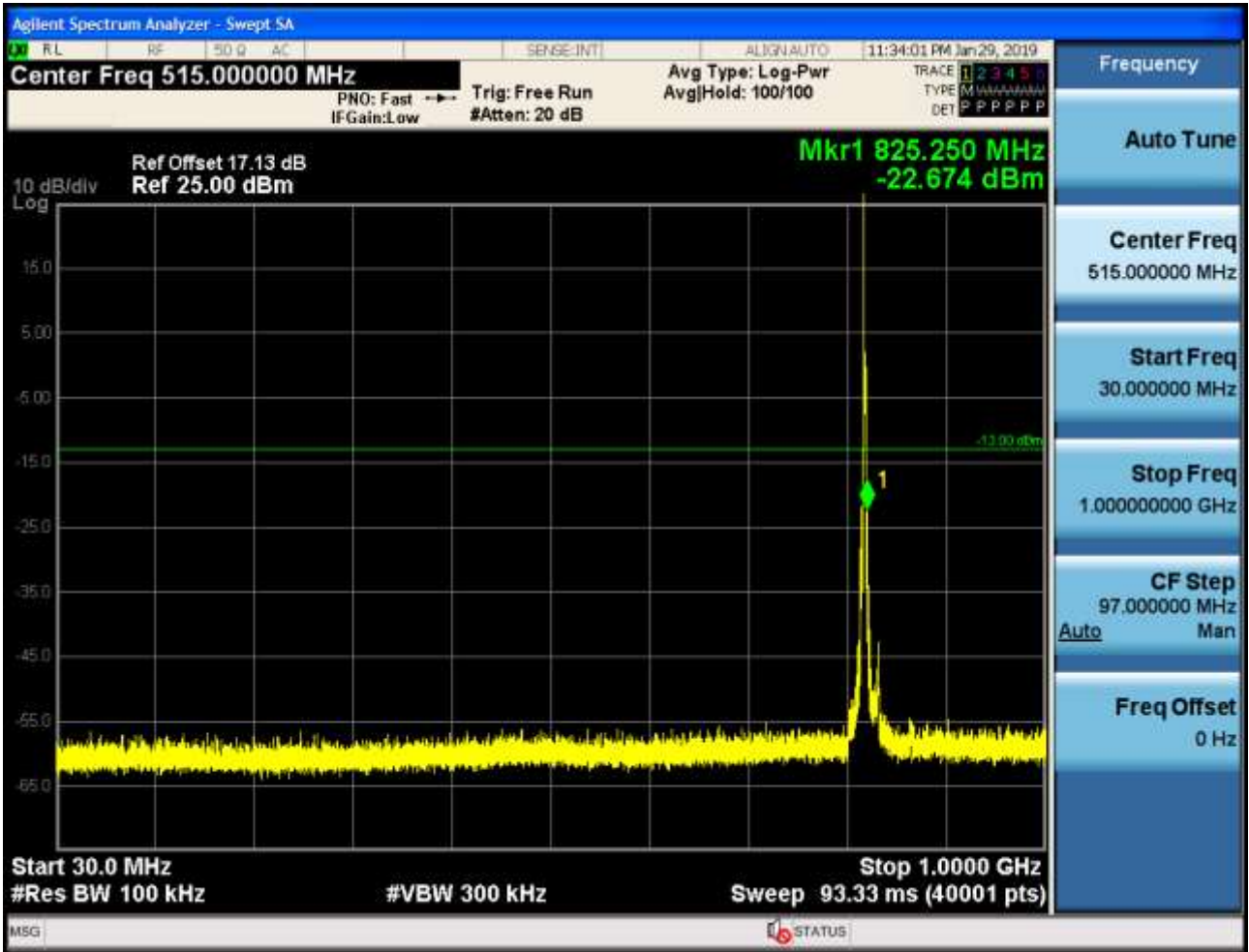
6.2.1.2.2.3 Test Channel = HCH

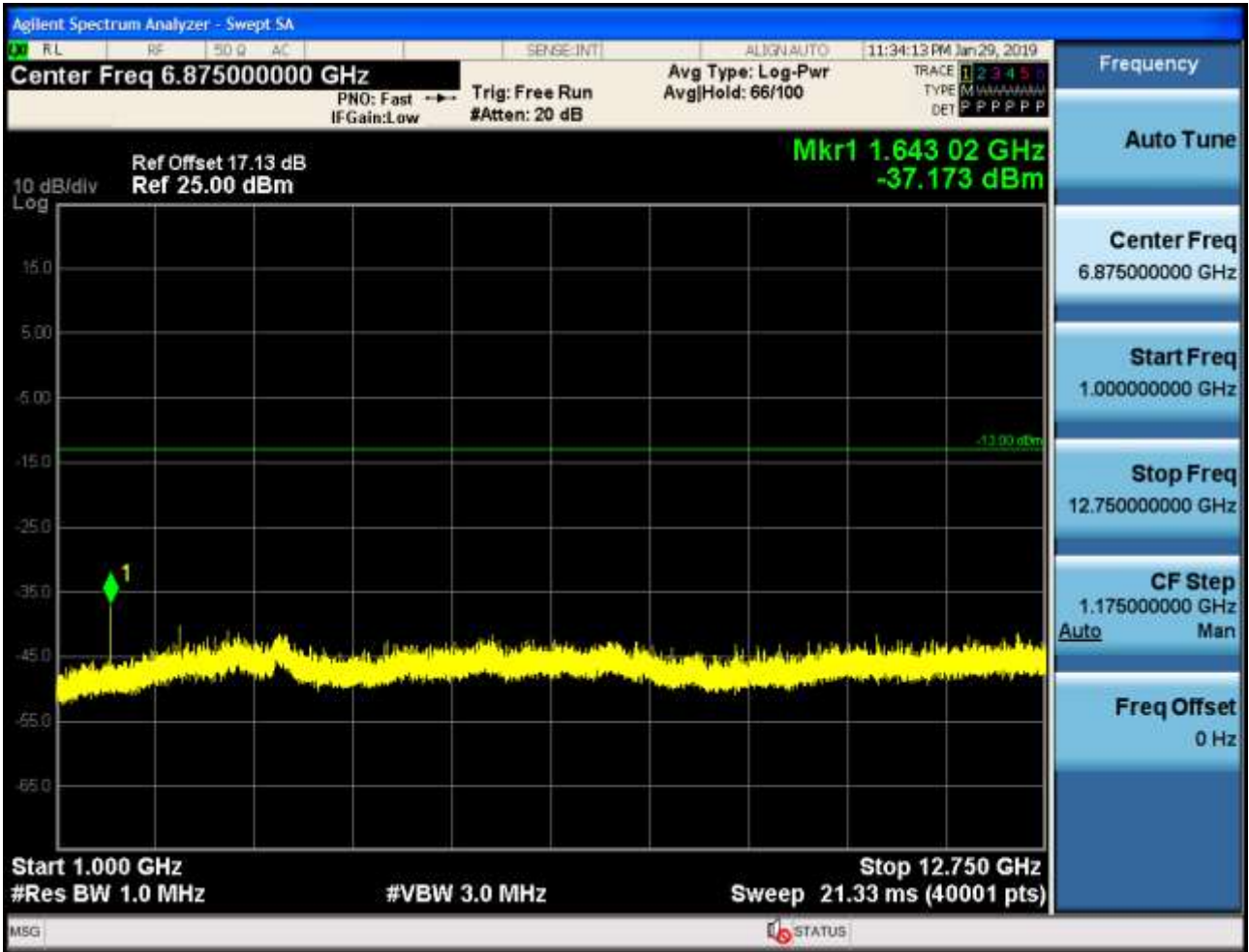
6.2.1.2.2.3.1 Test RB = RB1#0









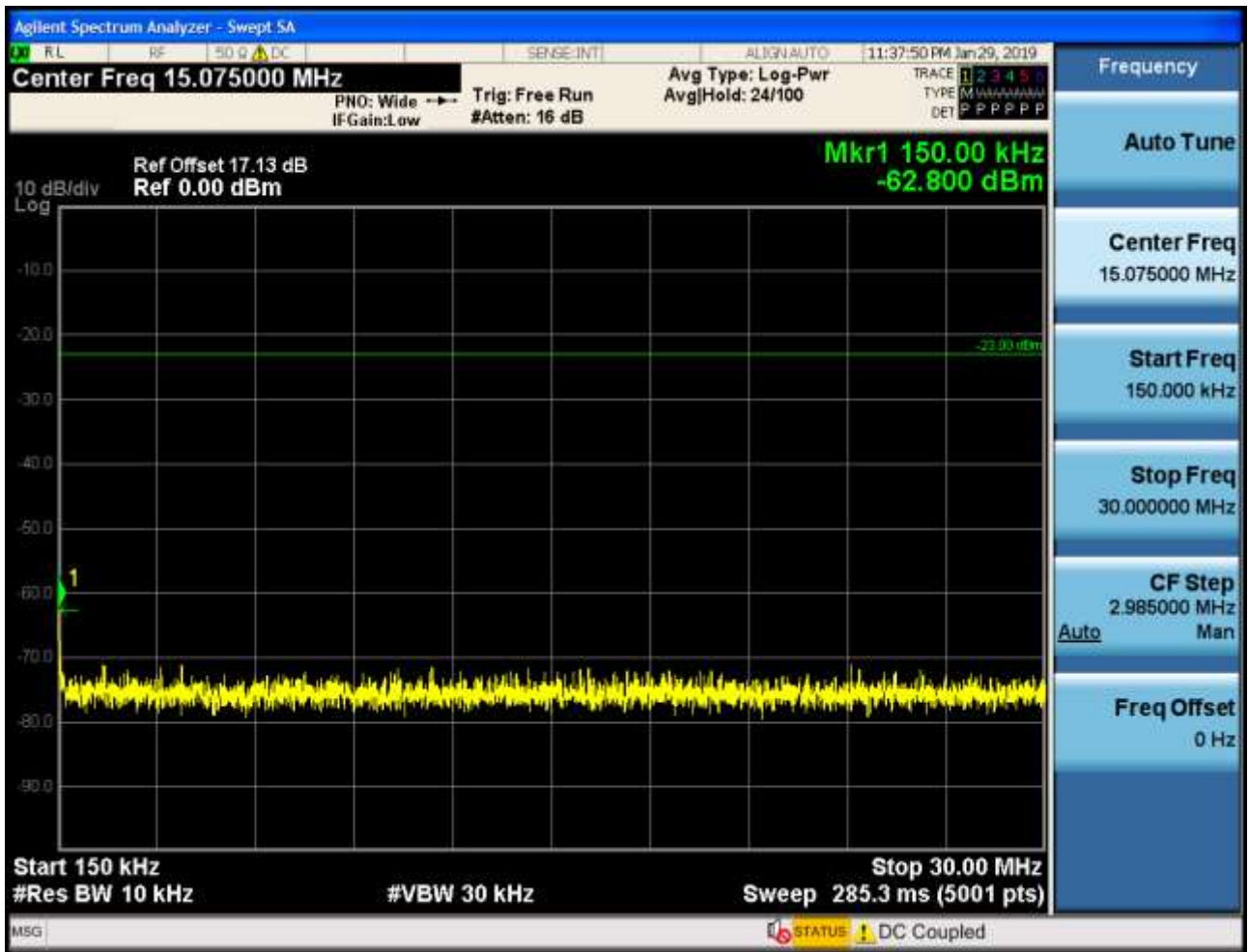


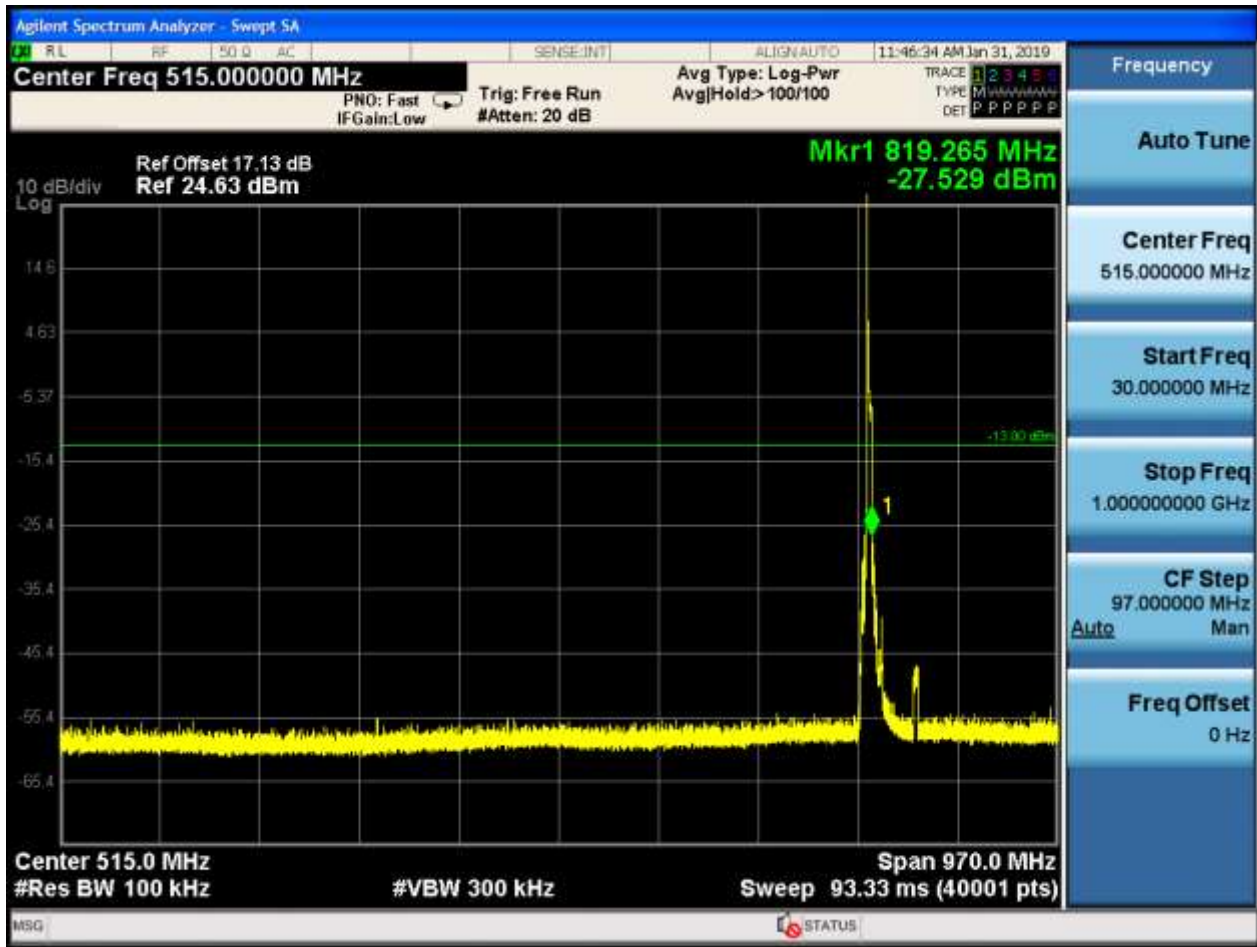
### 6.2.1.2.3 Test Bandwidth = 5

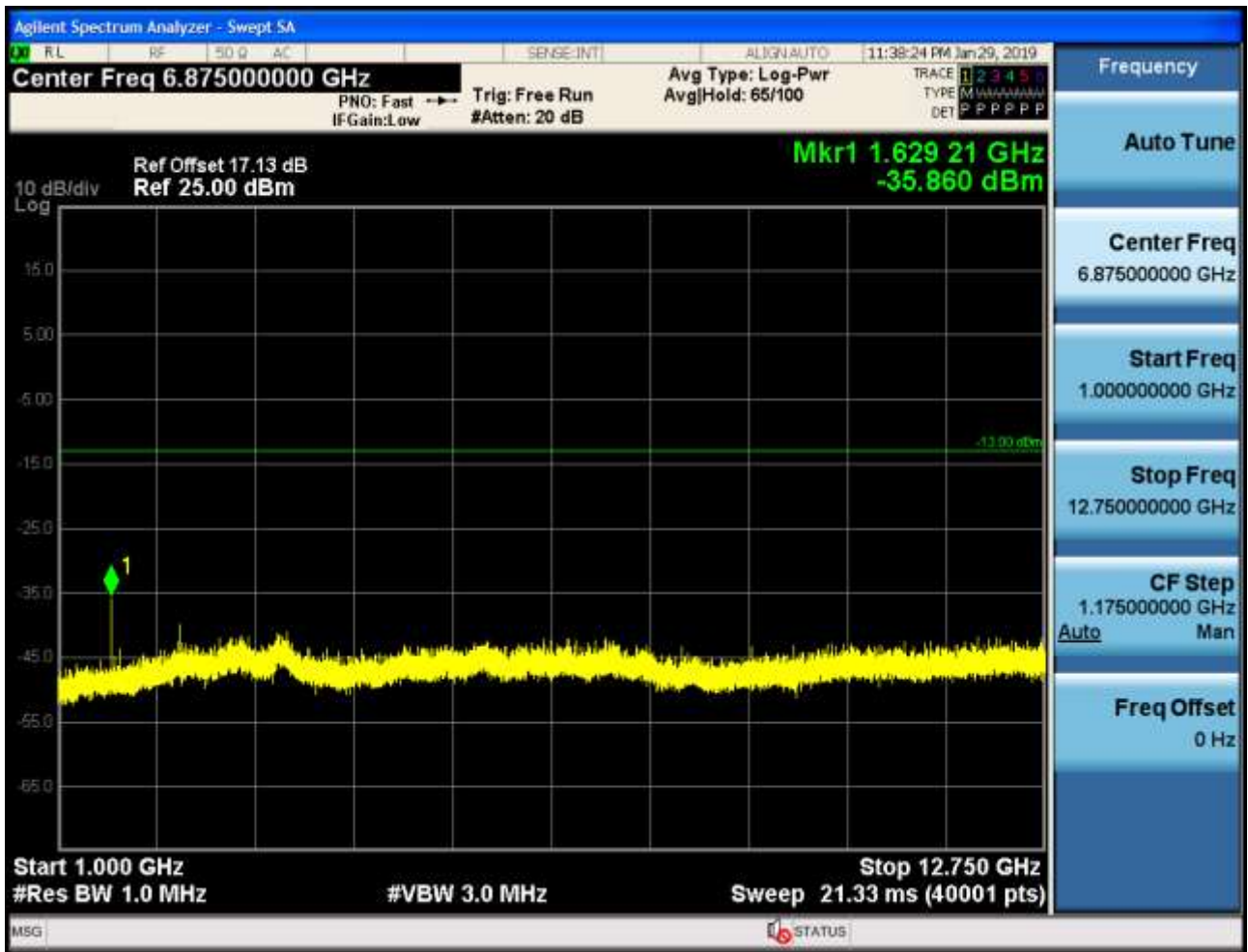
#### 6.2.1.2.3.1 Test Channel = LCH

##### 6.2.1.2.3.1.1 Test RB = RB1#0







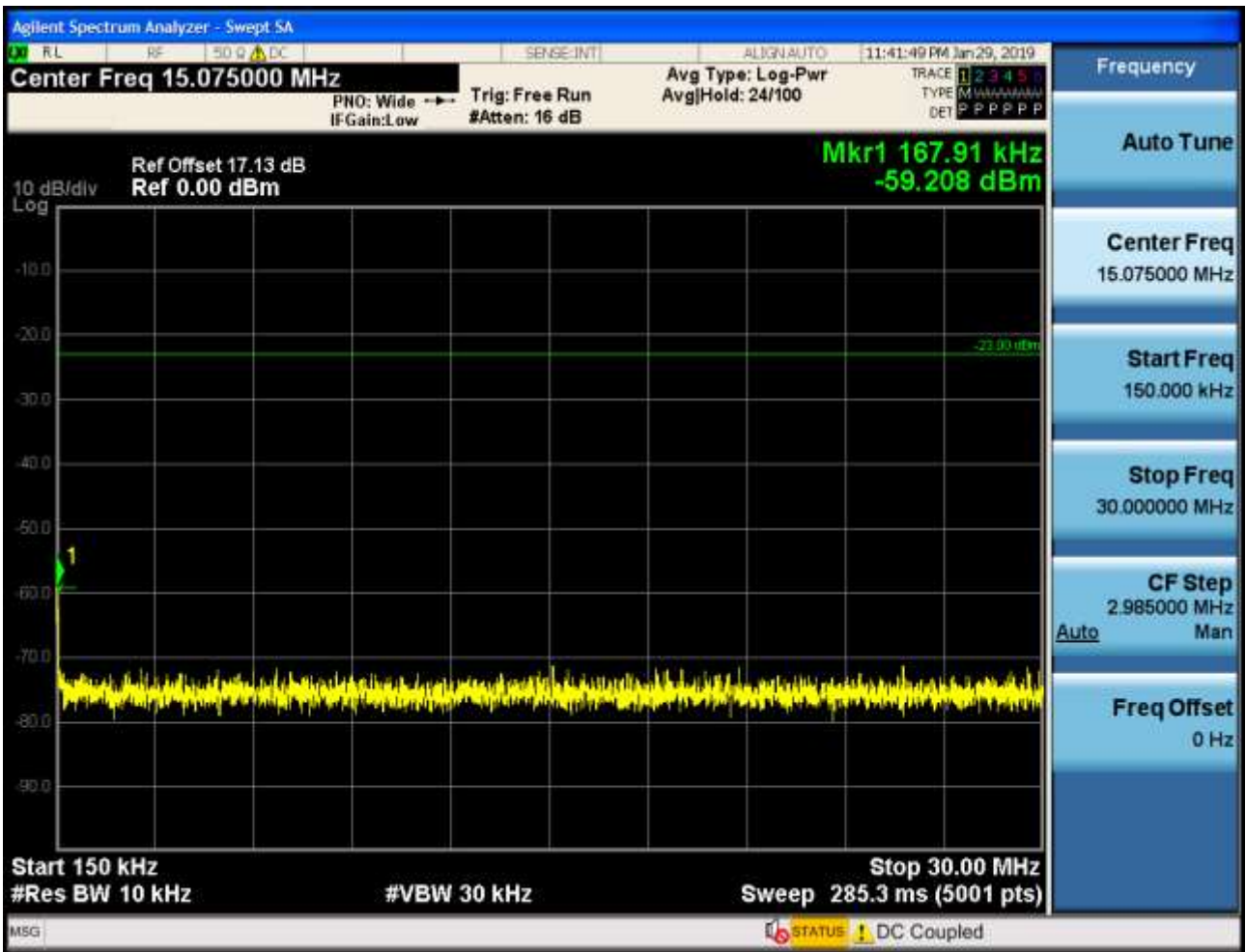


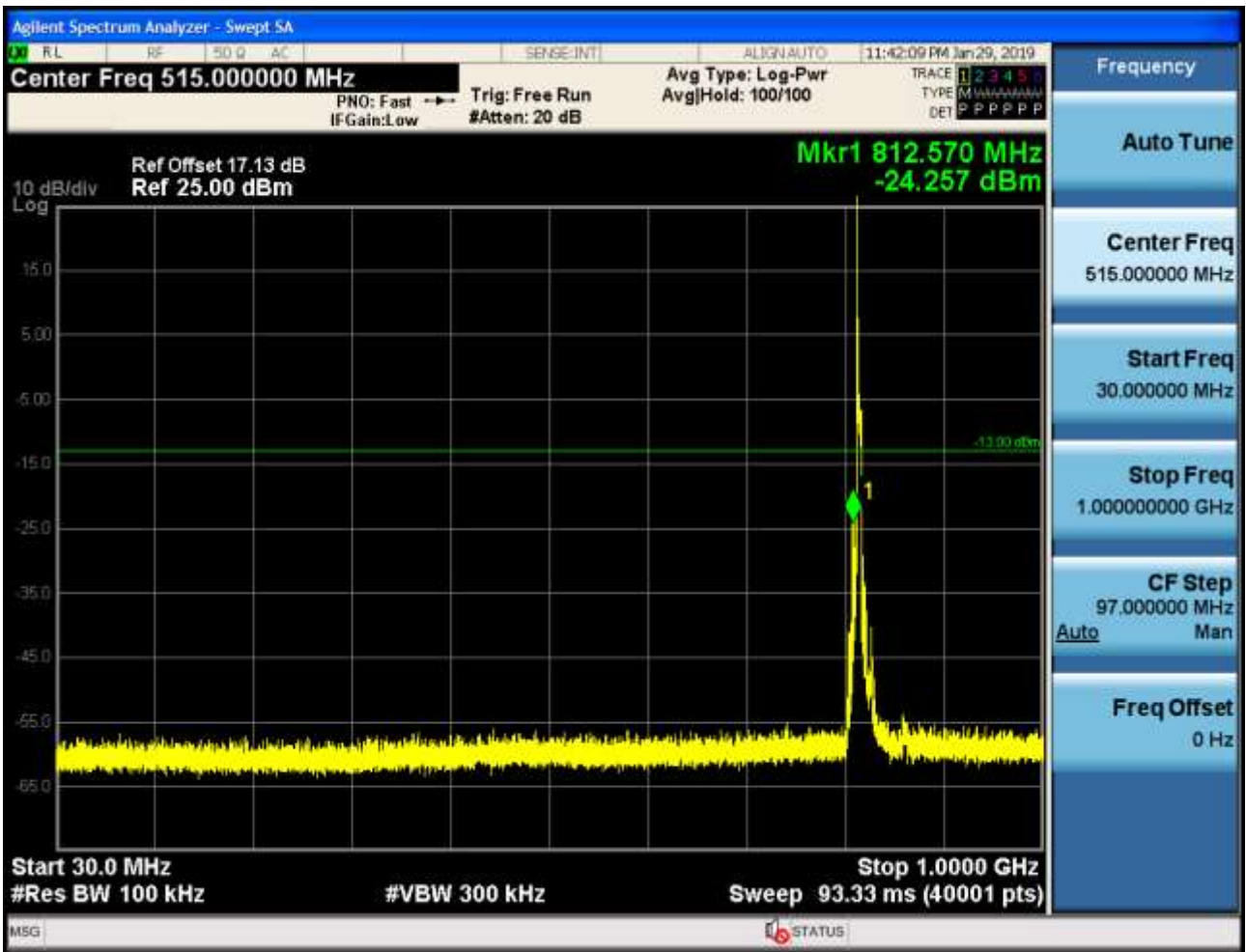
## 6.2.1.2.3.2 Test Channel = MCH

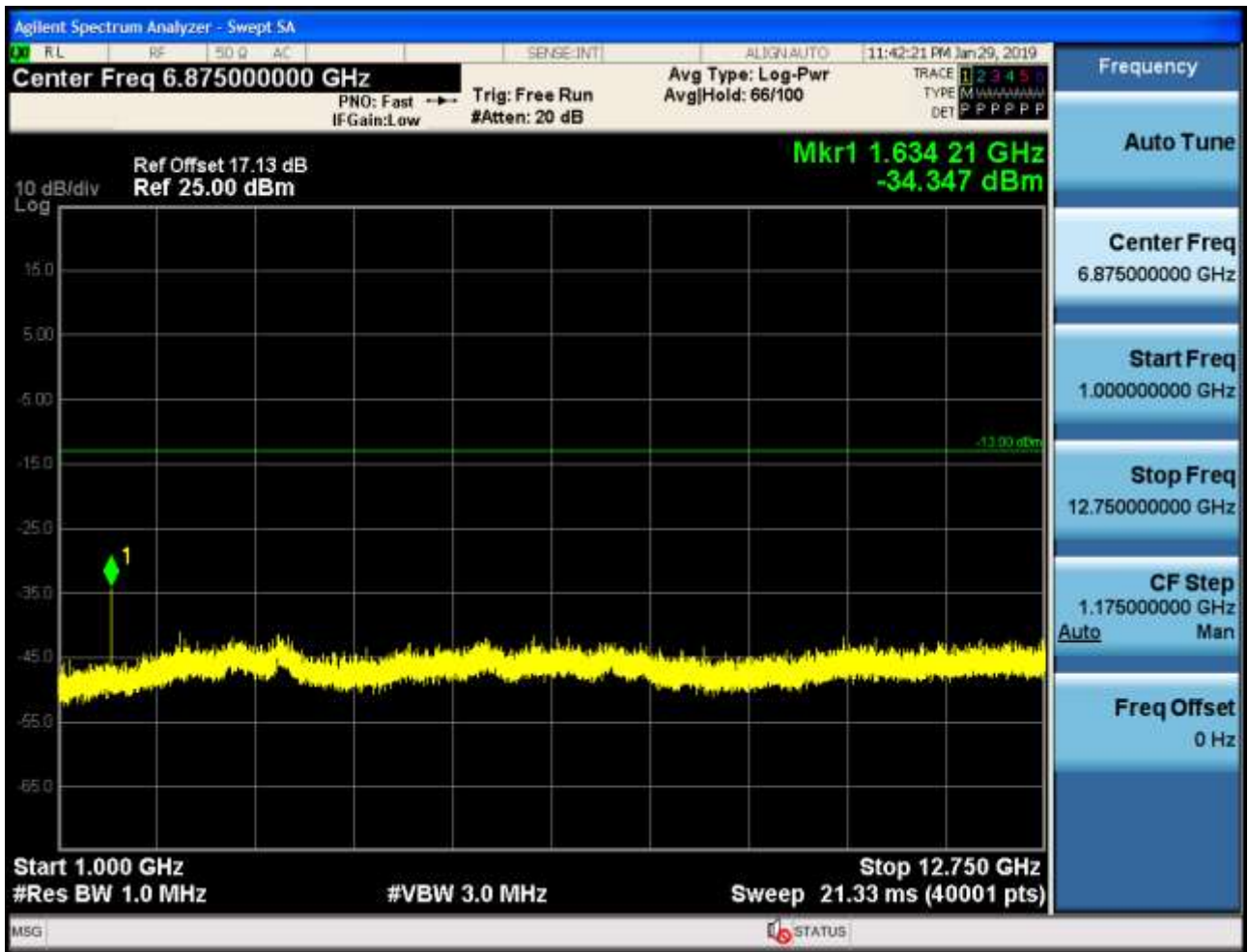
## 6.2.1.2.3.2.1 Test RB = RB1#0





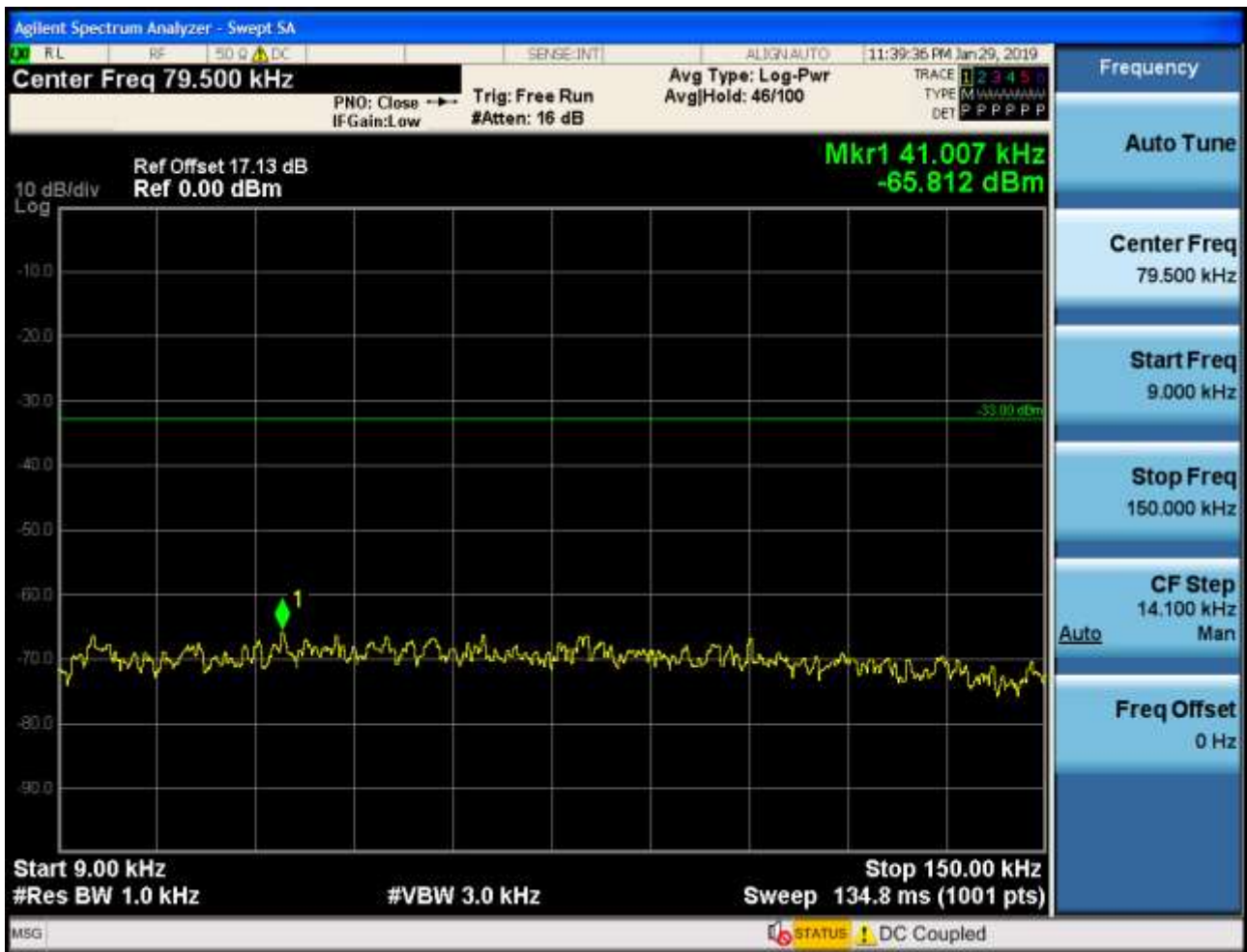


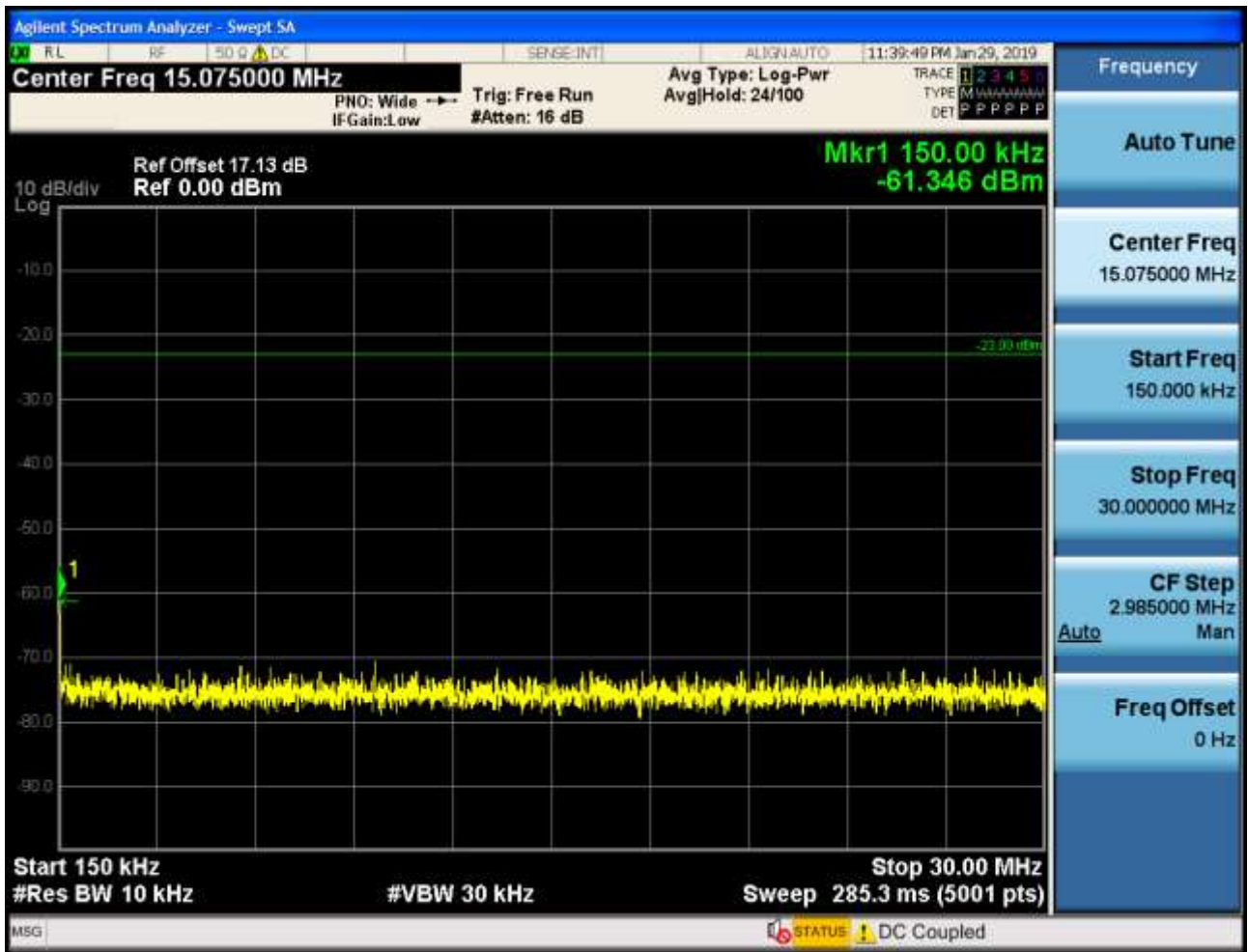


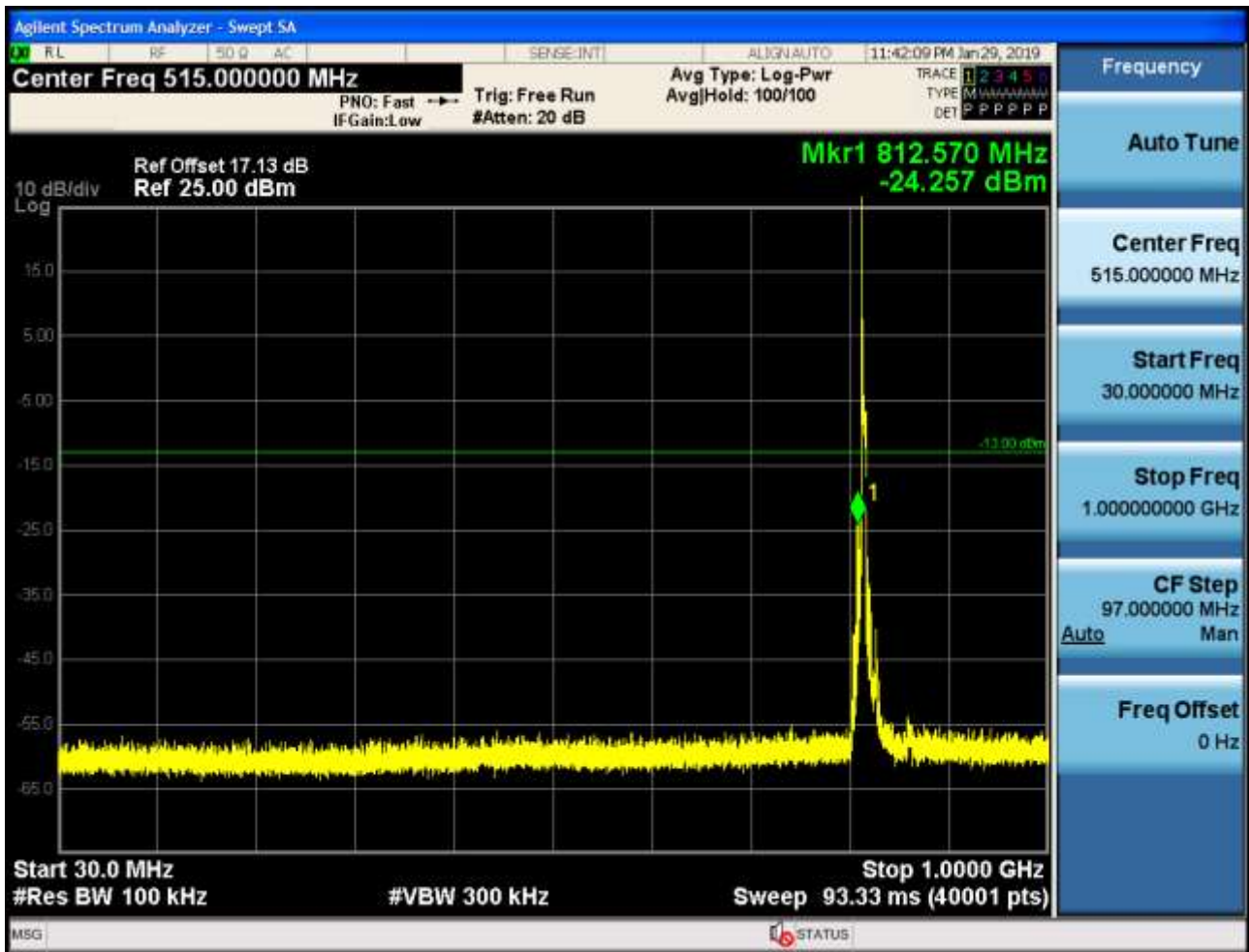


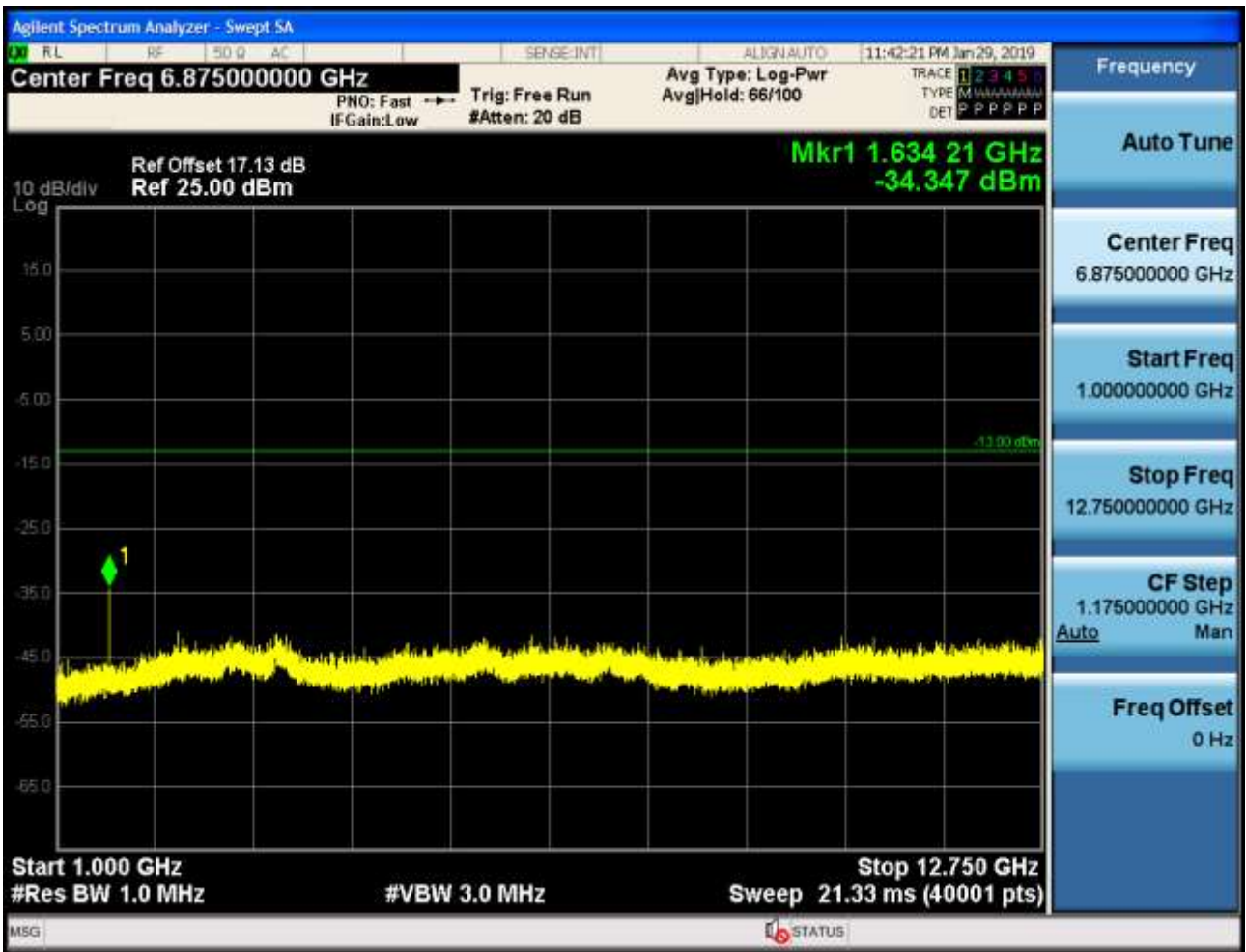
## 6.2.1.2.3.3 Test Channel = HCH

## 6.2.1.2.3.3.1 Test RB = RB1#0









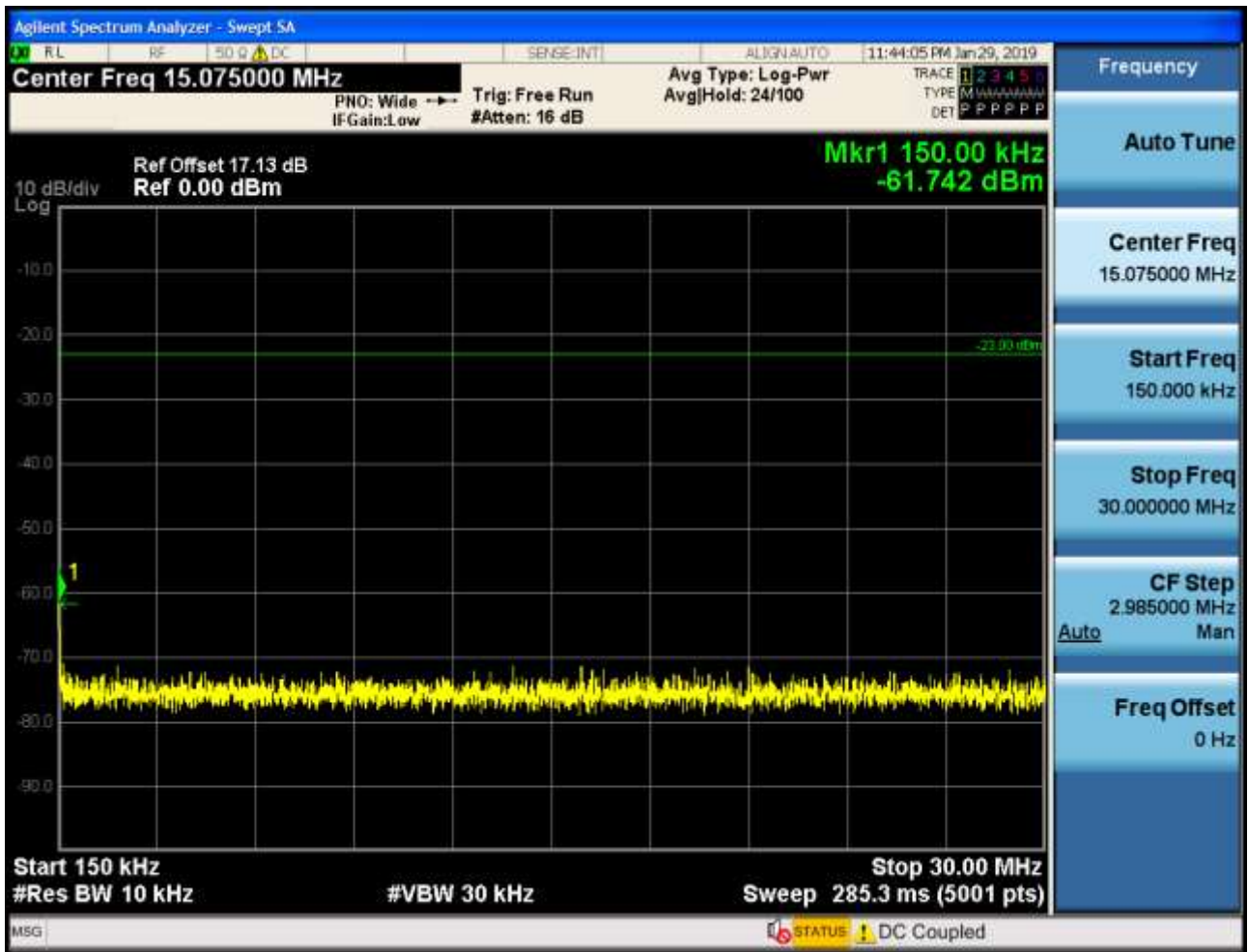
## 6.2.1.2.4 Test Bandwidth = 10

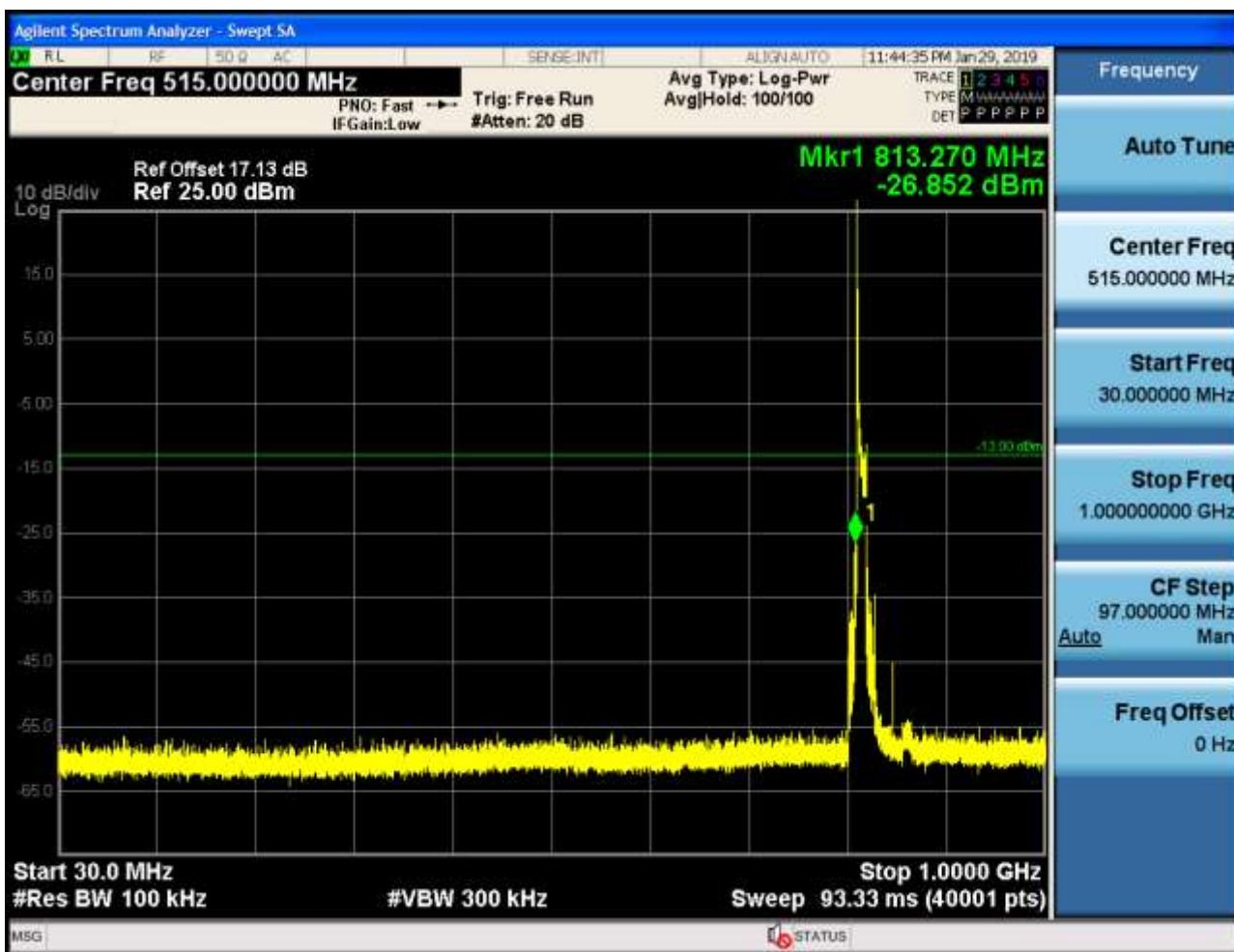
## 6.2.1.2.4.1 Test Channel = MCH

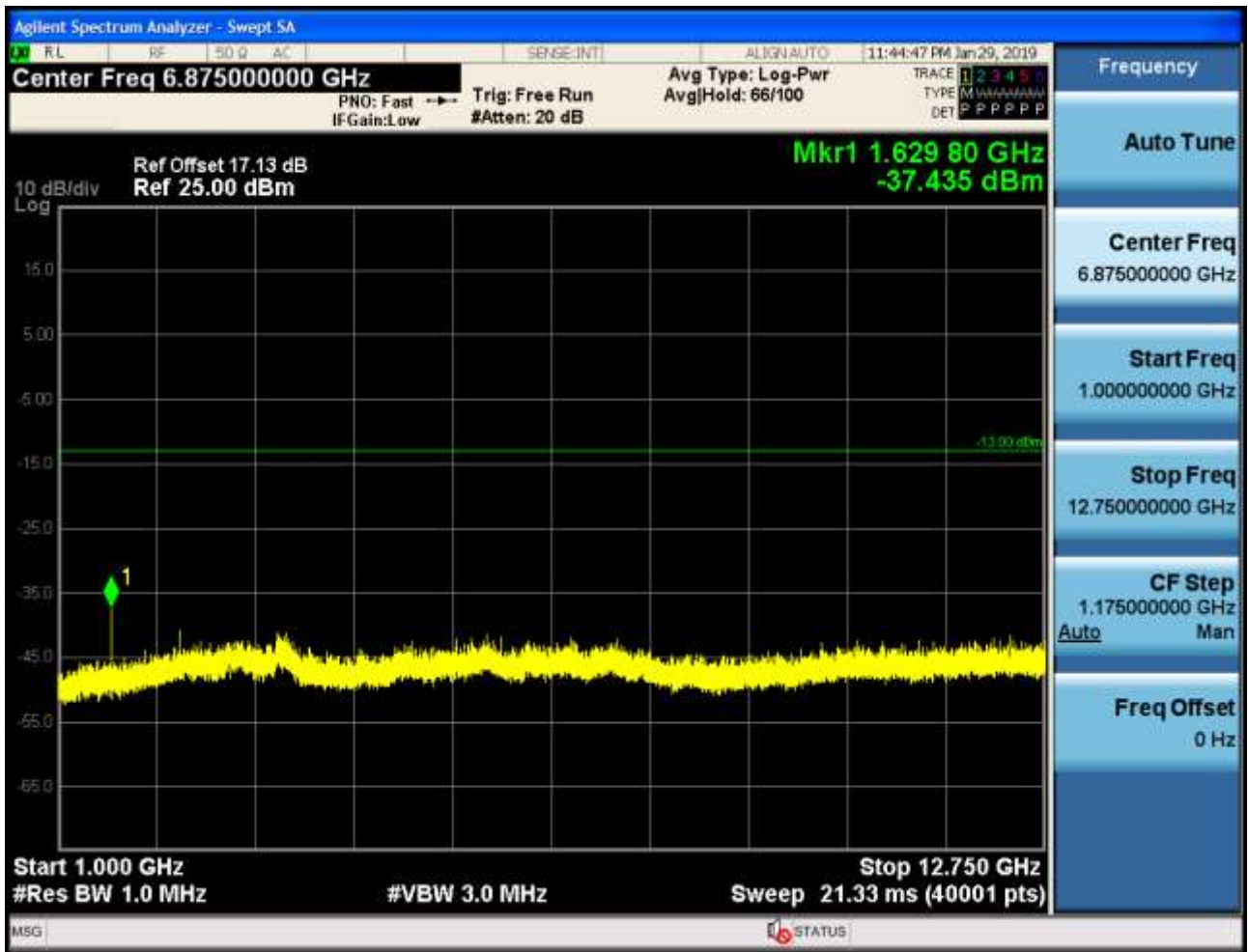
## 6.2.1.2.4.1.1 Test RB = RB1#0











## 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

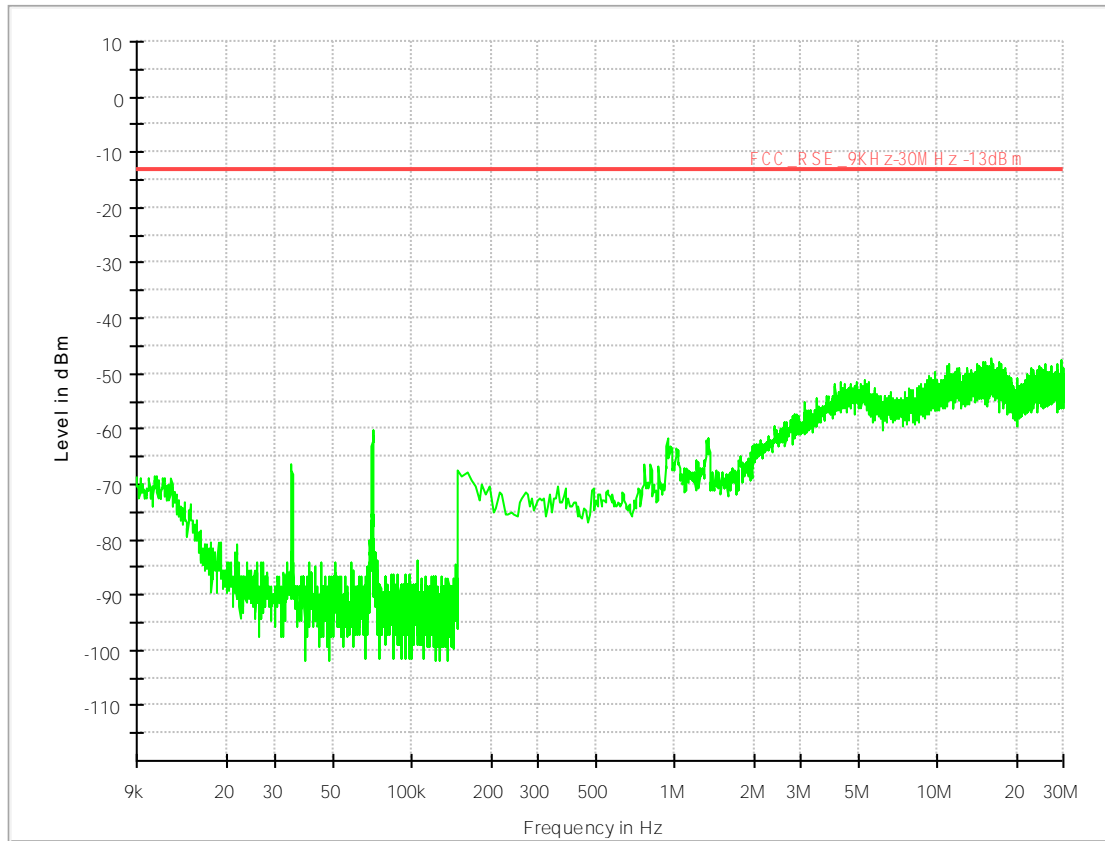
### Part I - Test Plots

#### 7.1 For LTE

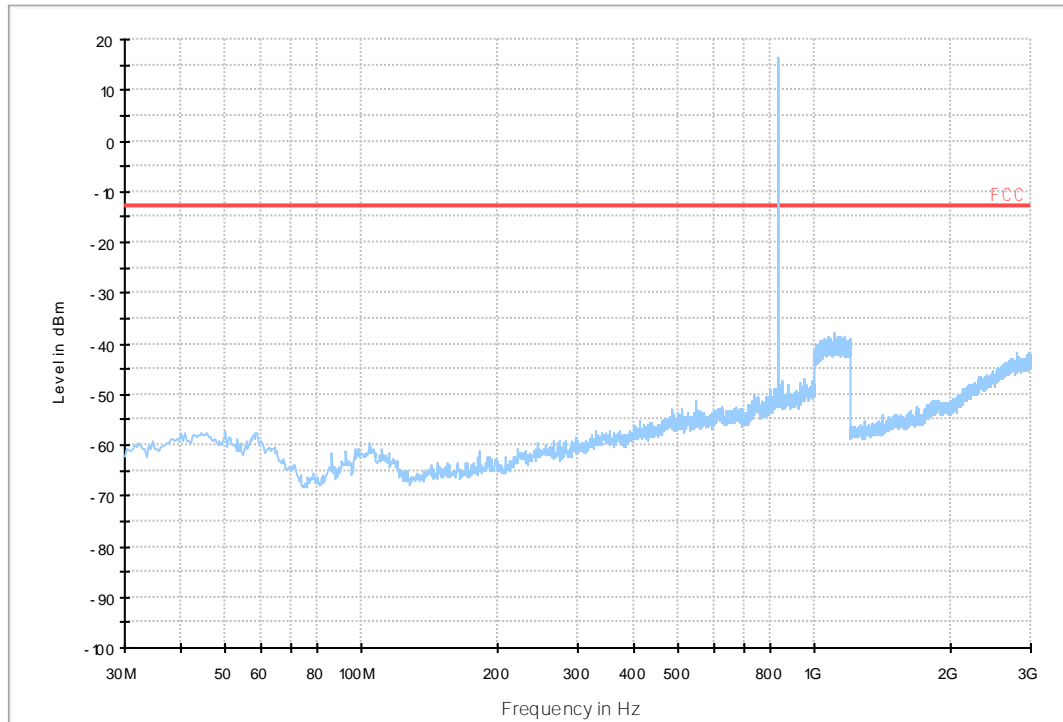
##### 7.1.1 Test Band = Band26\_(814-824MHz)

##### 7.1.1.1 Test Bandwidth = 1.4

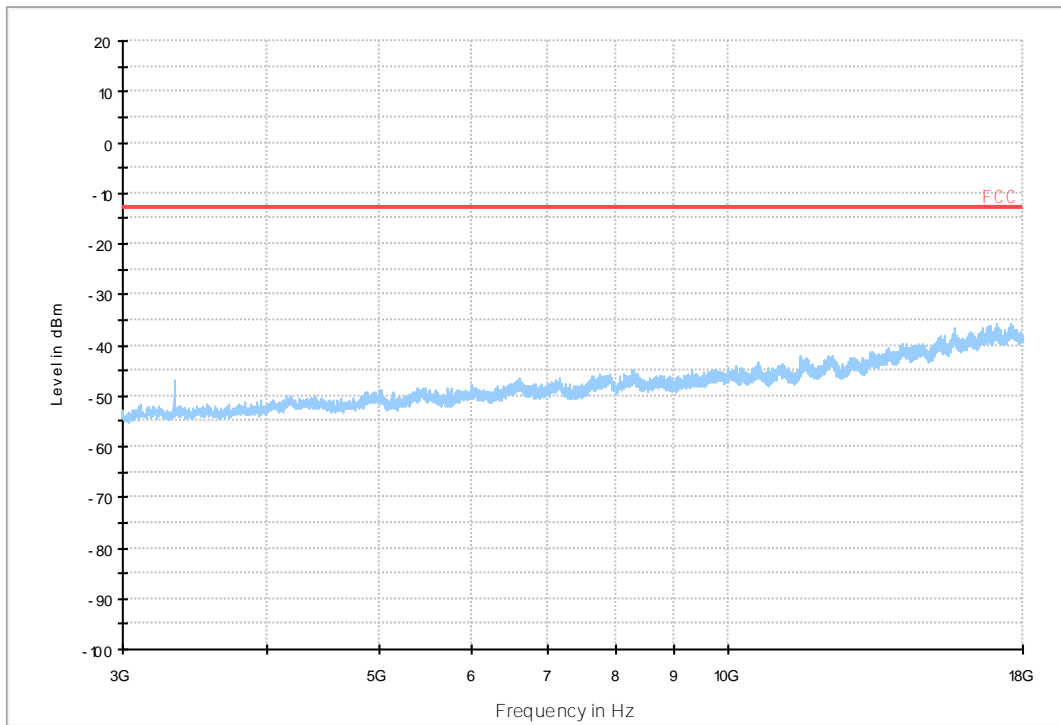
Band26\_A/TM1\_Ant1



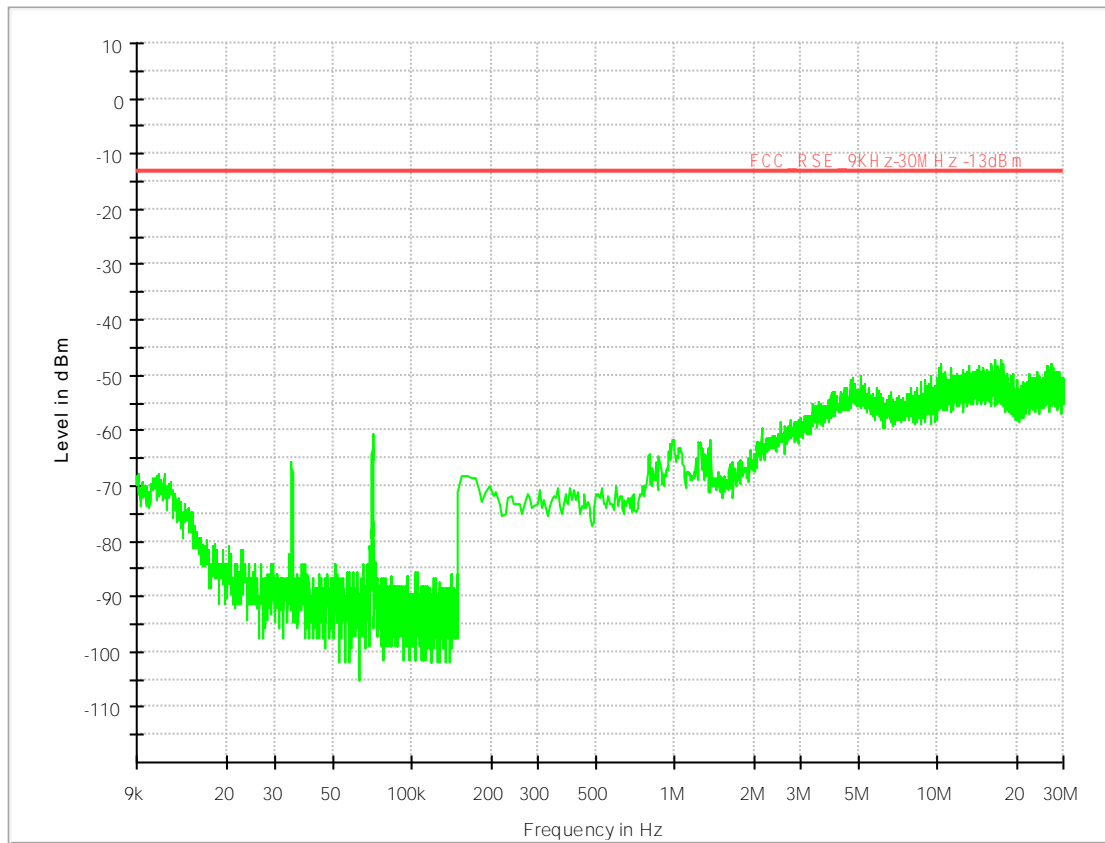
LTE FDD RSE-TX-DIRECT OR BELOW 1G\_L



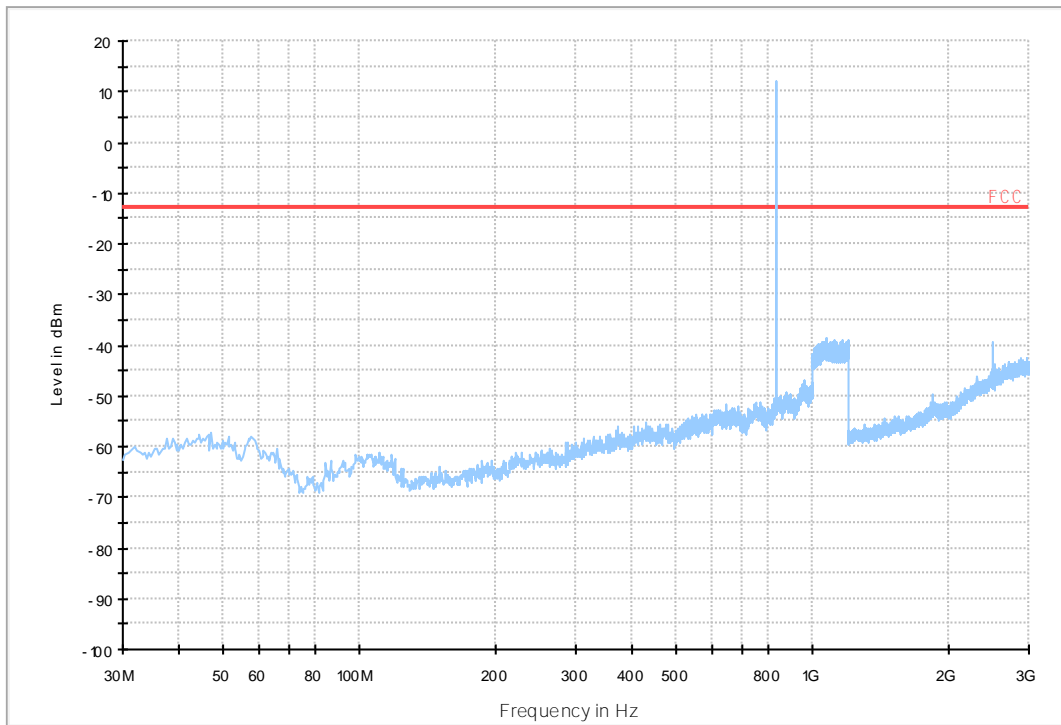
LTE FDD RSE-TX-DIRECTOR BELOW 1G\_H



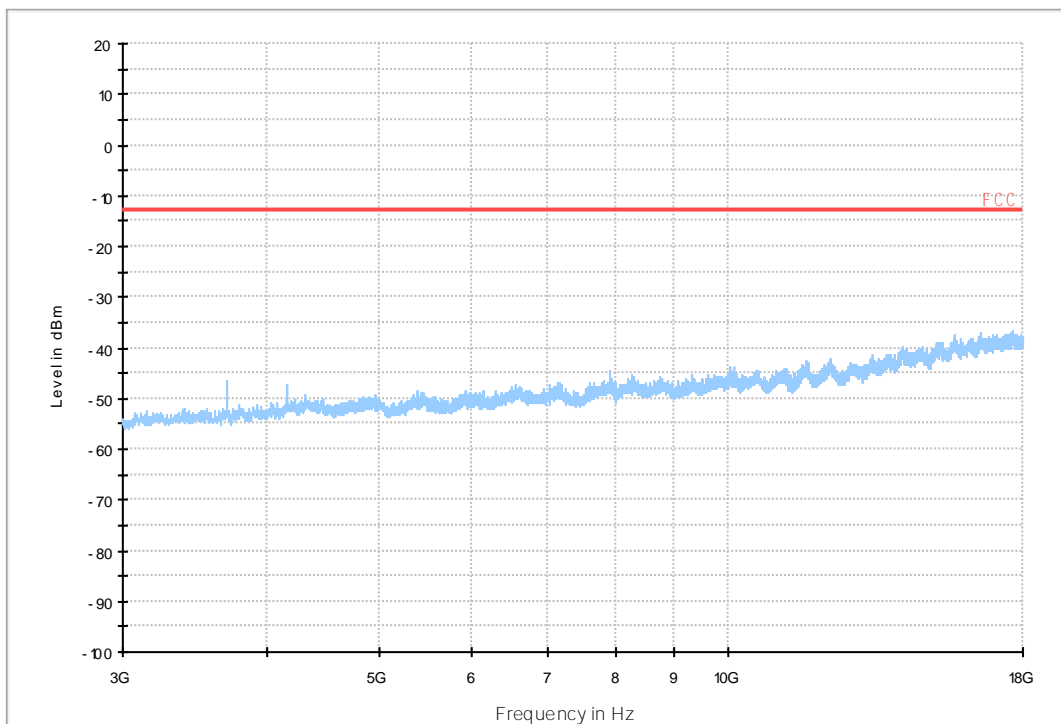
Band26\_A/TM1\_Ant2



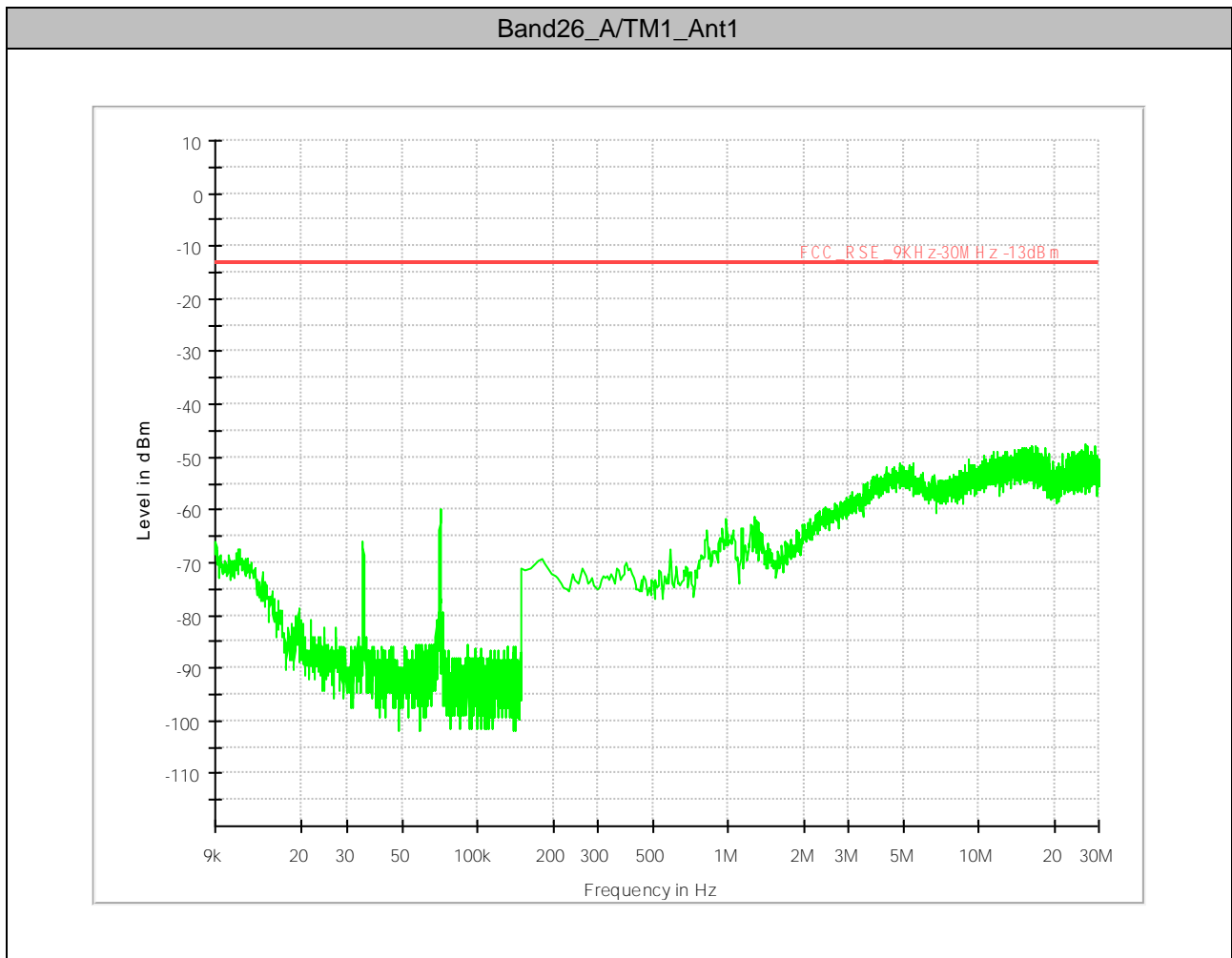
LT E FDD RSE-TX-DIRECTOR BELOW 1G\_L



LT E FDD RSE-TX-DIRECTOR BELOW 1G\_H

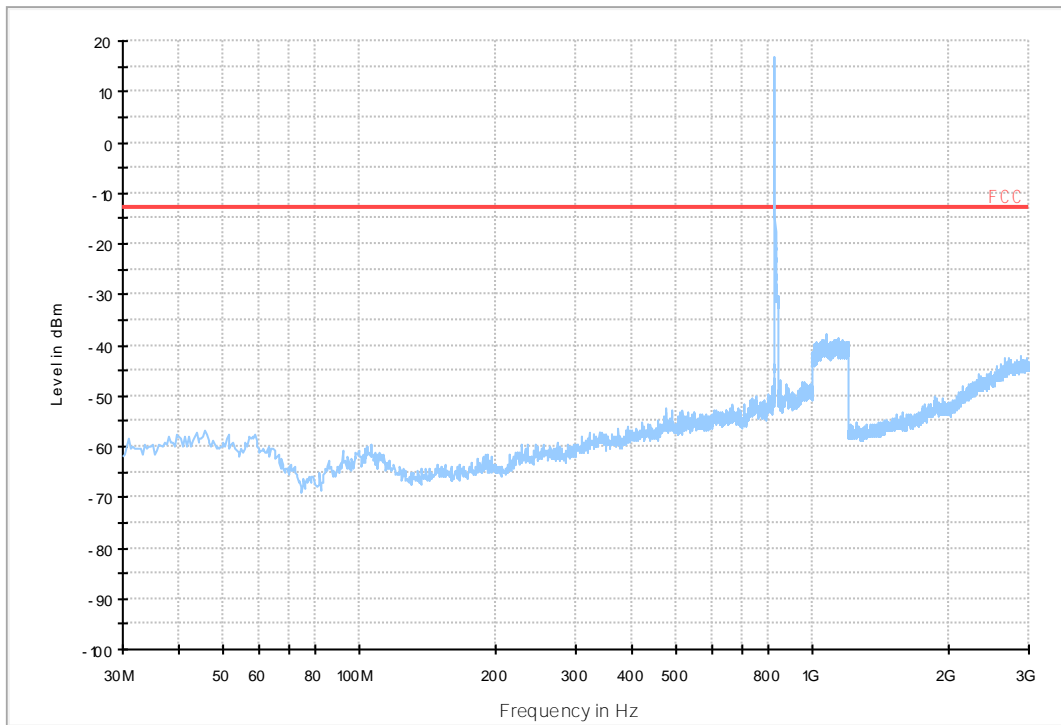


### 7.1.1.2 Test Bandwidth = 10

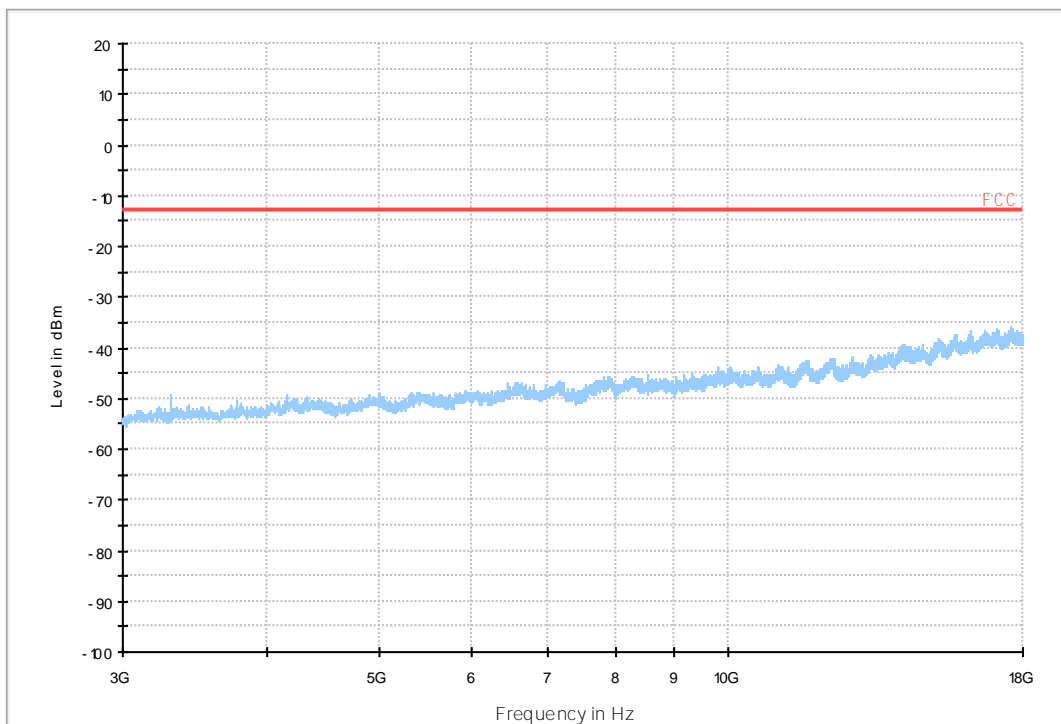




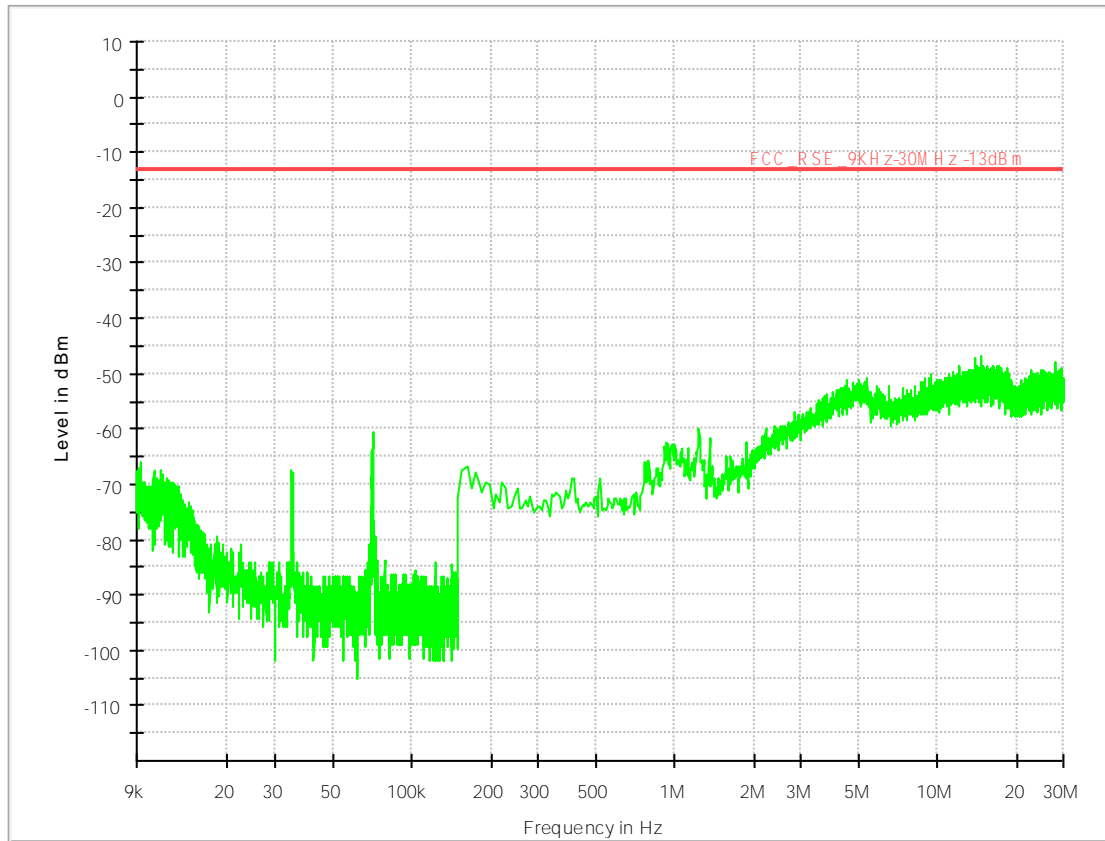
LT E FDD RSE-TX-DIRECTOR BELOW 1G\_L



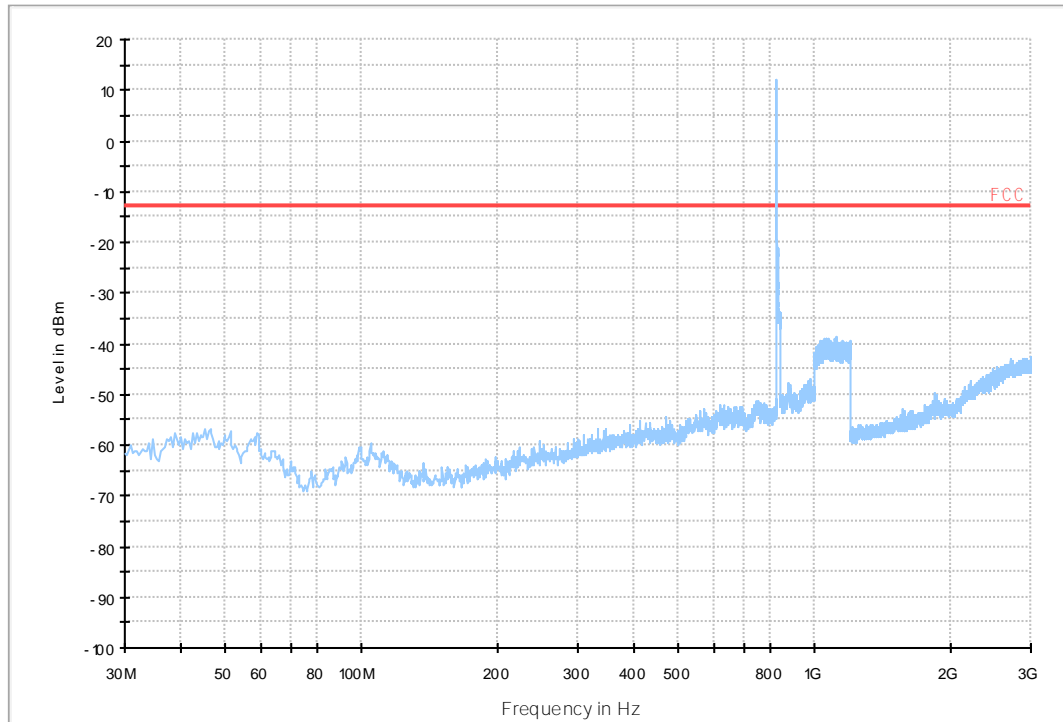
LT E FDD RSE-TX-DIRECTOR BELOW 1G\_H

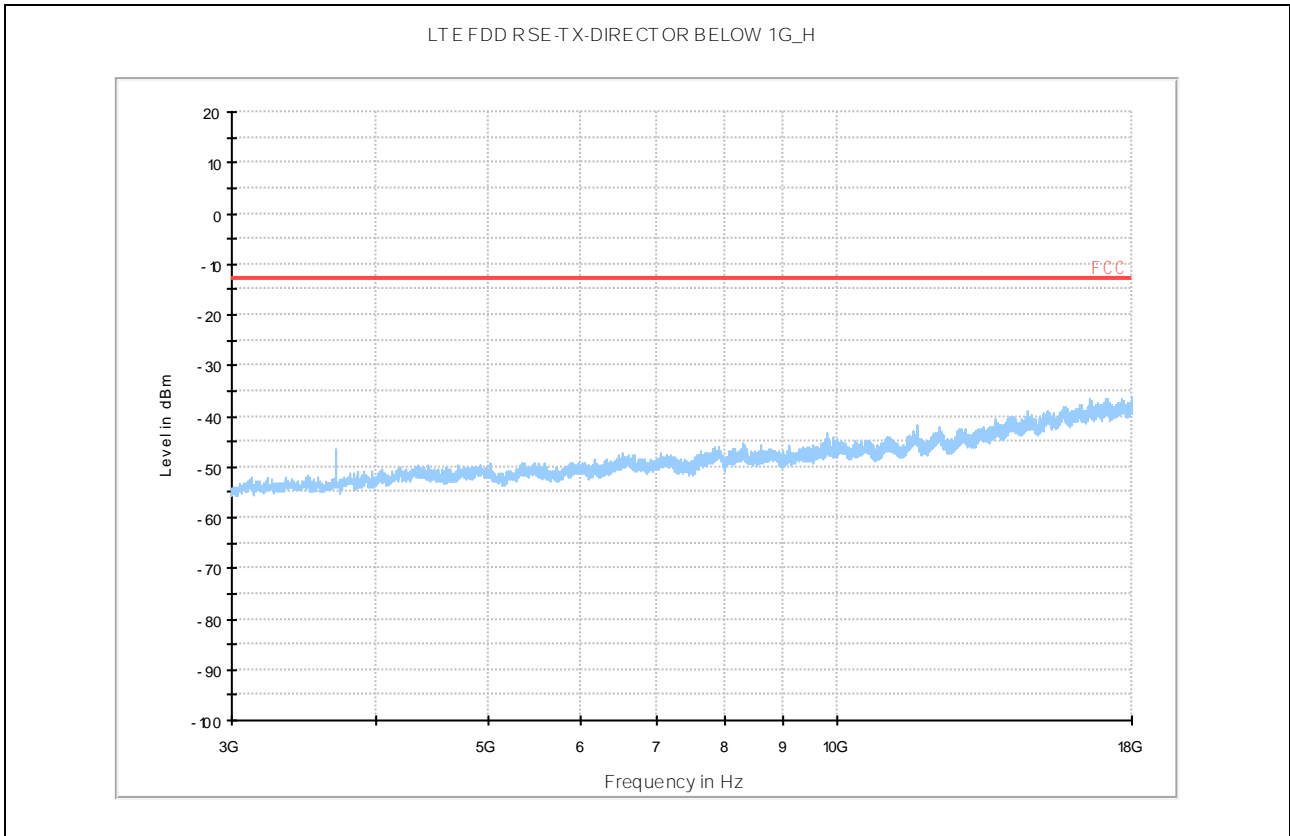


Band26\_A/TM1\_Ant2



LTE FDD RSE-TX-DIRECT OR BELOW 1G\_L





## 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 (814-824MHz)	LTE/TM1	1.4	LCH	TN	VL	-9.82761	-0.01206	PASS
					VN	-7.16686	-0.00880	PASS
					VH	6.27994	0.00771	PASS
			MCH	TN	VL	6.23703	0.00762	PASS
					VN	-8.06808	-0.00985	PASS
					VH	-5.56469	-0.00679	PASS
			HCH	TN	VL	-11.67297	-0.01418	PASS
					VN	4.70638	0.00572	PASS
					VH	19.52648	0.02372	PASS
		3	LCH	TN	VL	-1.17302	-0.00144	PASS
					VN	10.04219	0.01231	PASS
					VH	8.65459	0.01061	PASS
			MCH	TN	VL	-1.31607	-0.00161	PASS
					VN	-3.03268	-0.00370	PASS
					VH	-2.81811	-0.00344	PASS
			HCH	TN	VL	-1.35899	-0.00165	PASS
					VN	1.64509	0.00200	PASS
					VH	-3.50475	-0.00426	PASS
		5	LCH	TN	VL	0.62943	0.00077	PASS
					VN	-0.18597	-0.00023	PASS
					VH	0.30041	0.00037	PASS
			MCH	TN	VL	-4.42028	-0.00540	PASS
					VN	-3.26157	-0.00398	PASS
					VH	-1.33038	-0.00162	PASS
			HCH	TN	VL	-2.58923	-0.00315	PASS
					VN	1.85966	0.00226	PASS
					VH	1.91688	0.00233	PASS
		10	MCH	TN	VL	-0.68665	-0.00084	PASS
					VN	0.04292	0.00005	PASS
					VH	1.20163	0.00147	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	1.4	LCH	TN	VL	1.58787	0.00195	PASS
					VN	0.32902	0.00040	PASS
					VH	-6.39439	-0.00785	PASS
			MCH	TN	VL	5.20706	0.00636	PASS
					VN	-6.33717	-0.00774	PASS
					VH	-6.98090	-0.00852	PASS
			HCH	TN	VL	-1.37329	-0.00167	PASS
					VN	8.22544	0.00999	PASS
					VH	0.12875	0.00016	PASS
		3	LCH	TN	VL	-1.40190	-0.00172	PASS
					VN	-2.33173	-0.00286	PASS
					VH	7.65324	0.00938	PASS
			MCH	TN	VL	-5.14984	-0.00629	PASS
					VN	-5.32150	-0.00650	PASS
					VH	3.84808	0.00470	PASS
			HCH	TN	VL	-2.14577	-0.00261	PASS
					VN	-0.25749	-0.00031	PASS
					VH	0.17166	0.00021	PASS
		5	LCH	TN	VL	2.61784	0.00321	PASS
					VN	-2.43187	-0.00298	PASS
					VH	0.50068	0.00061	PASS
			MCH	TN	VL	-0.25749	-0.00031	PASS
					VN	1.90258	0.00232	PASS
					VH	2.20299	0.00269	PASS
			HCH	TN	VL	-5.14984	-0.00627	PASS
					VN	0.24319	0.00030	PASS
					VH	-0.97275	-0.00118	PASS
		10	MCH	TN	VL	-0.07153	-0.00009	PASS
					VN	1.75953	0.00215	PASS
					VH	1.35899	0.00166	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 _(814-8)	LTE/TM1	1.4	LCH	VN	-30	8.28266	0.01017	PASS
					-20	15.13481	0.01858	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict					
24MHz)					-10	-12.44545	-0.01528	PASS					
					0	5.92232	0.00727	PASS					
					10	-1.47343	-0.00181	PASS					
					20	-7.16686	-0.00880	PASS					
					30	-3.49045	-0.00428	PASS					
					40	1.81675	0.00223	PASS					
					50	-5.72205	-0.00702	PASS					
			MCH	VN				-30	-3.63350	-0.00444	PASS		
								-20	-4.63486	-0.00566	PASS		
								-10	2.38895	0.00292	PASS		
								0	2.94685	0.00360	PASS		
								10	-5.12123	-0.00625	PASS		
								20	-8.06808	-0.00985	PASS		
								30	-3.54767	-0.00433	PASS		
			HCH	VN				40	0.75817	0.00093	PASS		
								50	1.10149	0.00134	PASS		
								-30	-9.68456	-0.01176	PASS		
								-20	-0.07153	-0.00009	PASS		
								-10	-7.86781	-0.00956	PASS		
								0	14.89162	0.01809	PASS		
								10	3.23296	0.00393	PASS		
		3			LCH	VN	20	4.70638	0.00572	PASS			
							30	-2.97546	-0.00361	PASS			
							40	0.42915	0.00052	PASS			
							50	0.11444	0.00014	PASS			
							-30	-0.72956	-0.00089	PASS			
							-20	-9.19819	-0.01128	PASS			
							-10	1.45912	0.00179	PASS			
					0	8.99792	0.01103	PASS					
					MCH	VN				10	-1.31607	-0.00161	PASS
										20	10.04219	0.01231	PASS
										30	1.27316	0.00156	PASS
		40	-11.77311	-0.01444						PASS			
					50	-4.62055	-0.00567	PASS					
					-30	-3.16143	-0.00386	PASS					
					-20	-0.34332	-0.00042	PASS					
					-10	-4.69208	-0.00573	PASS					
					0	3.36170	0.00410	PASS					
					10	-12.38823	-0.01513	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					20	-3.03268	-0.00370	PASS	
					30	3.30448	0.00403	PASS	
					40	0.11444	0.00014	PASS	
					50	8.36849	0.01022	PASS	
			HCH	VN	-30	-3.77655	-0.00459	PASS	
					-20	2.08855	0.00254	PASS	
					-10	1.45912	0.00177	PASS	
					0	1.43051	0.00174	PASS	
					10	2.21729	0.00270	PASS	
					20	1.64509	0.00200	PASS	
					30	-5.89371	-0.00717	PASS	
					40	-0.57220	-0.00070	PASS	
			50	-7.88212	-0.00958	PASS			
			5	LCH	VN	-30	-3.16143	-0.00387	PASS
						-20	-3.54767	-0.00434	PASS
						-10	1.64509	0.00201	PASS
		0				6.76632	0.00829	PASS	
		10				-0.84400	-0.00103	PASS	
		20				-0.18597	-0.00023	PASS	
		30				-2.58923	-0.00317	PASS	
		40				0.82970	0.00102	PASS	
		50		0.14305	0.00018	PASS			
		MCH		VN	-30	-2.08855	-0.00255	PASS	
					-20	2.46048	0.00300	PASS	
					-10	-1.93119	-0.00236	PASS	
					0	3.46184	0.00423	PASS	
					10	-6.73771	-0.00823	PASS	
			20		-3.26157	-0.00398	PASS		
			30		-1.71661	-0.00210	PASS		
			40		-6.35147	-0.00776	PASS		
		50	-0.52929	-0.00065	PASS				
		HCH	VN	-30	4.17709	0.00508	PASS		
				-20	2.78950	0.00340	PASS		
				-10	-0.14305	-0.00017	PASS		
				0	0.25749	0.00031	PASS		
				10	1.65939	0.00202	PASS		
				20	1.85966	0.00226	PASS		
				30	1.75953	0.00214	PASS		
				40	-3.67641	-0.00448	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
		10	MCH	VN	50	2.33173	0.00284	PASS		
					-30	-0.68665	-0.00084	PASS		
					-20	2.91824	0.00356	PASS		
					-10	-1.58787	-0.00194	PASS		
					0	6.95229	0.00849	PASS		
					10	-3.00407	-0.00367	PASS		
					20	0.04292	0.00005	PASS		
					30	0.88692	0.00108	PASS		
					40	-0.60081	-0.00073	PASS		
					50	3.91960	0.00479	PASS		
	LTE/TM2		1.4	LCH	VN	-30	1.00136	0.00123	PASS	
						-20	4.80652	0.00590	PASS	
						-10	-5.75066	-0.00706	PASS	
						0	-1.88827	-0.00232	PASS	
						10	-12.50267	-0.01535	PASS	
						20	0.32902	0.00040	PASS	
						30	3.04699	0.00374	PASS	
						40	5.67913	0.00697	PASS	
						50	-3.01838	-0.00370	PASS	
								1.4	MCH	VN
		-20	-16.17908	-0.01975	PASS					
		-10	7.03812	0.00859	PASS					
		0	-9.88483	-0.01207	PASS					
		10	-4.49181	-0.00548	PASS					
		20	-6.33717	-0.00774	PASS					
		30	8.88348	0.01085	PASS					
		40	-0.68665	-0.00084	PASS					
		50	-6.50883	-0.00795	PASS					
				1.4	HCH					
						-20	6.55174	0.00796	PASS	
						-10	11.91616	0.01447	PASS	
						0	-0.75817	-0.00092	PASS	
						10	1.43051	0.00174	PASS	
						20	8.22544	0.00999	PASS	
						30	0.75817	0.00092	PASS	
						40	6.32286	0.00768	PASS	
						50	-5.90801	-0.00718	PASS	
								3	LCH	VN
		-20	6.49452	0.00796	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-10	4.33445	0.00532	PASS	
					0	5.77927	0.00709	PASS	
					10	-0.98705	-0.00121	PASS	
					20	-2.33173	-0.00286	PASS	
					30	2.57492	0.00316	PASS	
					40	6.19412	0.00760	PASS	
					50	4.24862	0.00521	PASS	
			MCH	VN	-30	0.38624	0.00047	PASS	
					-20	2.61784	0.00320	PASS	
					-10	-1.43051	-0.00175	PASS	
					0	1.78814	0.00218	PASS	
					10	4.36306	0.00533	PASS	
					20	-5.32150	-0.00650	PASS	
					30	1.25885	0.00154	PASS	
			HCH	VN	-30	-5.26428	-0.00640	PASS	
					-20	1.98841	0.00242	PASS	
					-10	-3.01838	-0.00367	PASS	
					0	6.70910	0.00816	PASS	
					10	0.31471	0.00038	PASS	
					20	-0.25749	-0.00031	PASS	
					30	-7.71046	-0.00937	PASS	
			5	LCH	VN	-30	0.80109	0.00098	PASS
						-20	4.84943	0.00594	PASS
						-10	0.95844	0.00117	PASS
						0	2.21729	0.00272	PASS
						10	0.62943	0.00077	PASS
						20	-2.43187	-0.00298	PASS
						30	4.87804	0.00597	PASS
			MCH	VN	40	2.93255	0.00359	PASS	
					50	0.28610	0.00035	PASS	
					-30	2.94685	0.00360	PASS	
					-20	4.06265	0.00496	PASS	
					-10	1.55926	0.00190	PASS	
			0	-2.03133	-0.00248	PASS			
			10	3.90530	0.00477	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					20	1.90258	0.00232	PASS			
					30	-1.05858	-0.00129	PASS			
					40	-3.53336	-0.00431	PASS			
					50	-0.84400	-0.00103	PASS			
			HCH	VN				-30	-0.88692	-0.00108	PASS
								-20	6.98090	0.00850	PASS
								-10	1.15871	0.00141	PASS
								0	2.57492	0.00313	PASS
						10	0.12875	0.00016	PASS		
						20	0.24319	0.00030	PASS		
						30	-3.30448	-0.00402	PASS		
						40	2.96116	0.00360	PASS		
		50	0.11444	0.00014		PASS					
		MCH	VN	10				-30	0.02861	0.00003	PASS
								-20	-5.26428	-0.00643	PASS
								-10	0.44346	0.00054	PASS
					0			-2.14577	-0.00262	PASS	
					10	-0.38624	-0.00047	PASS			
					20	1.75953	0.00215	PASS			
					30	0.57220	0.00070	PASS			
					40	1.35899	0.00166	PASS			
		50	-1.48773		-0.00182	PASS					

END