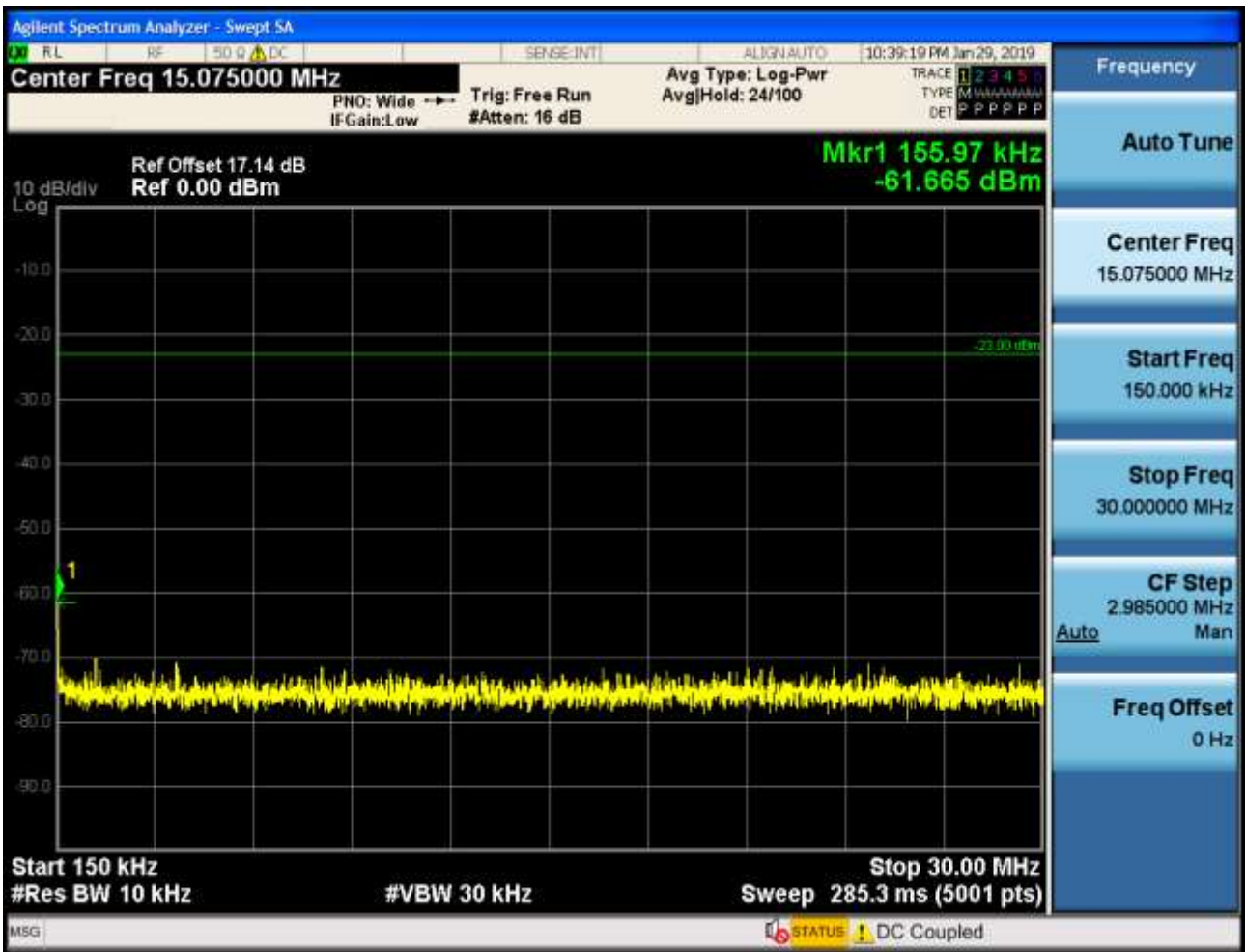


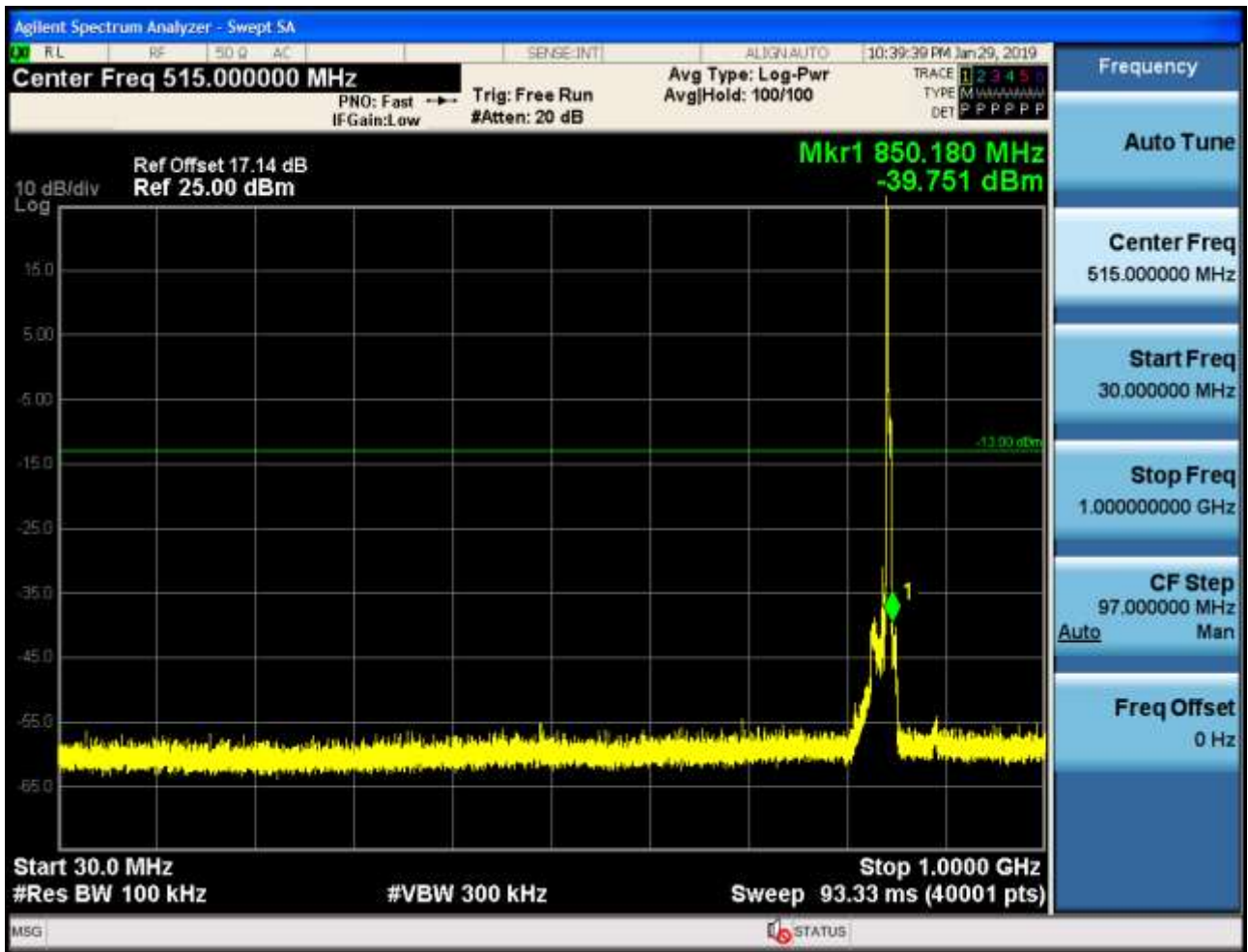


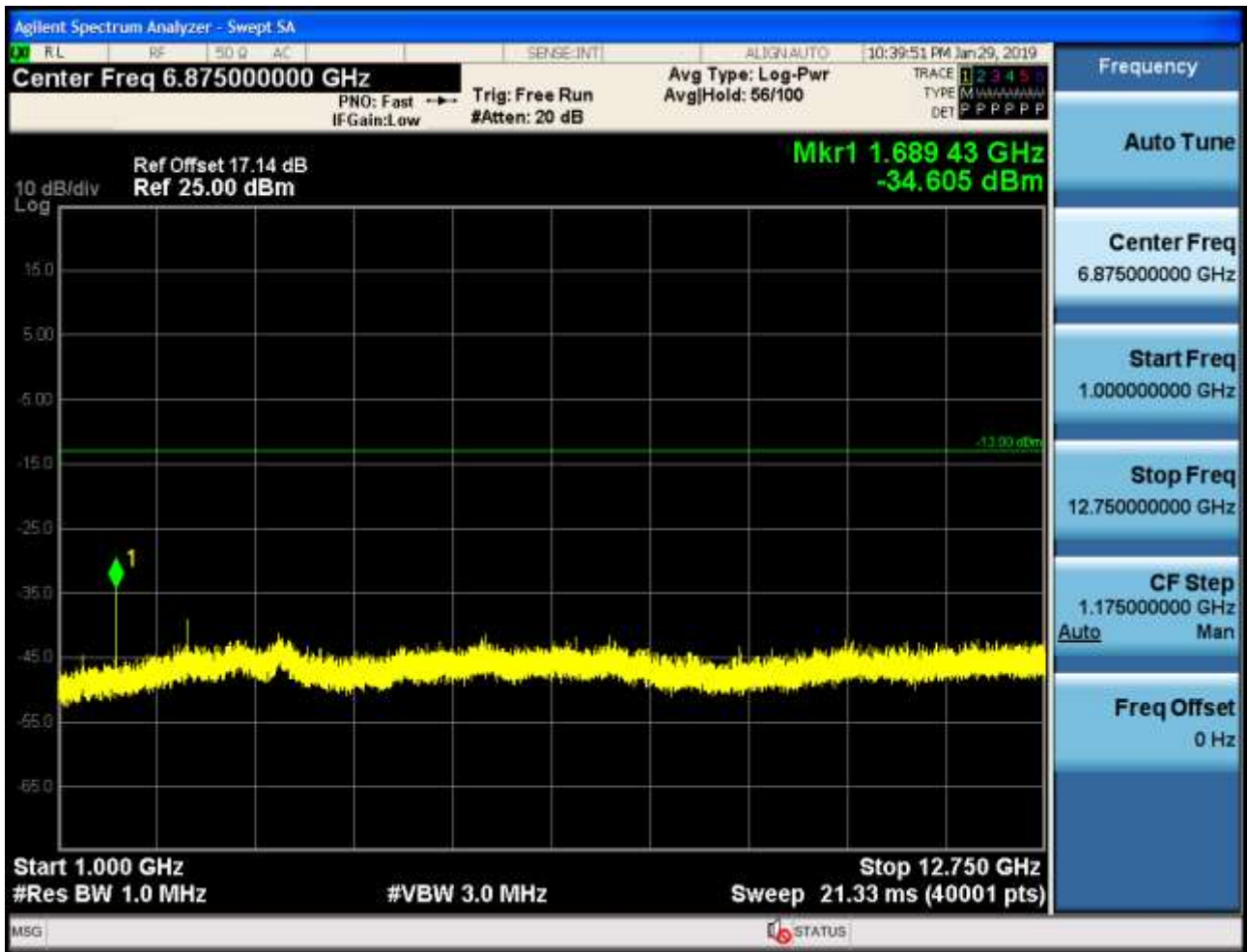
6.2.1.1.3.3 Test Channel = HCH

6.2.1.1.3.3.1 Test RB = RB1#0







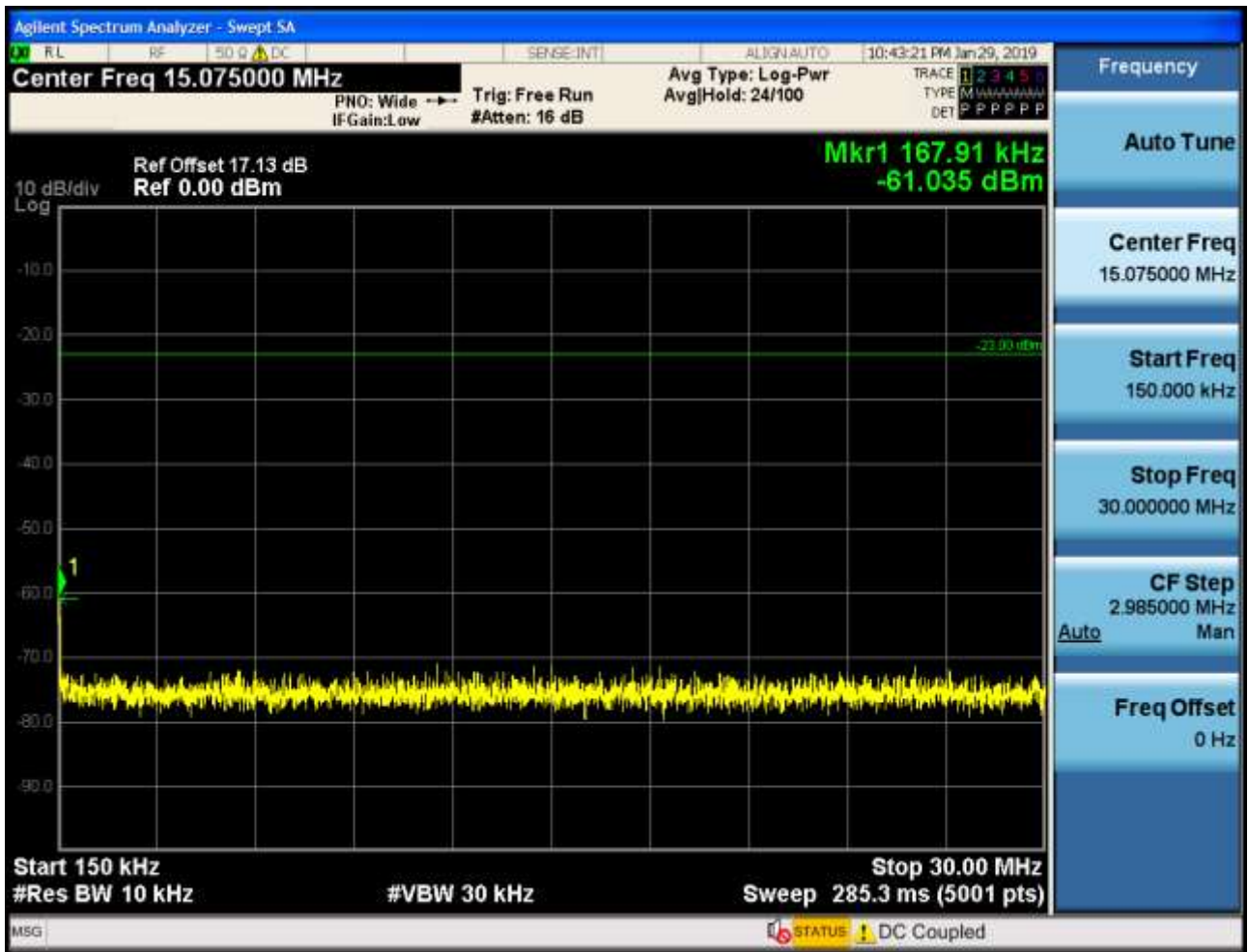


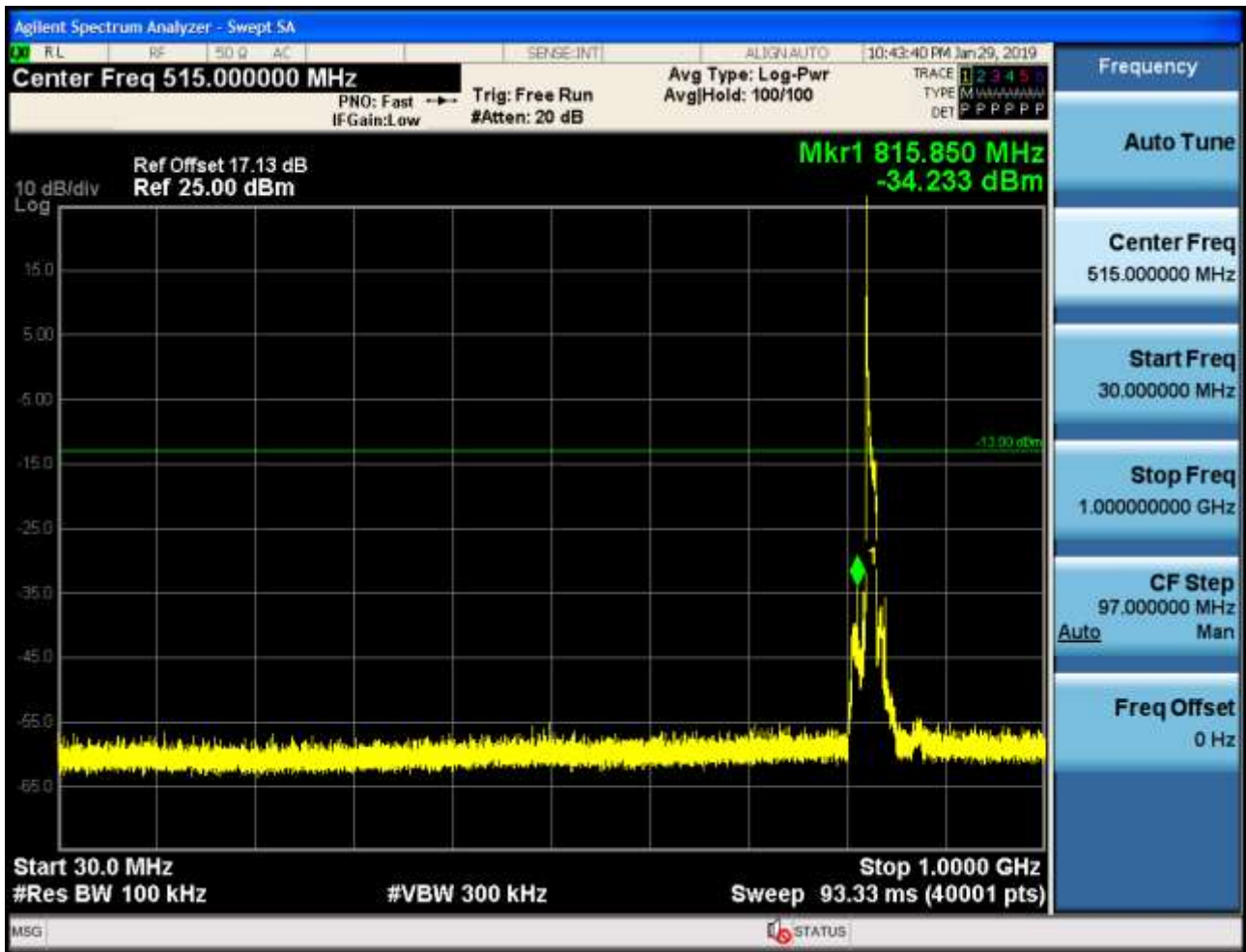
6.2.1.1.4 Test Bandwidth = 10

6.2.1.1.4.1 Test Channel = LCH

6.2.1.1.4.1.1 Test RB = RB1#0







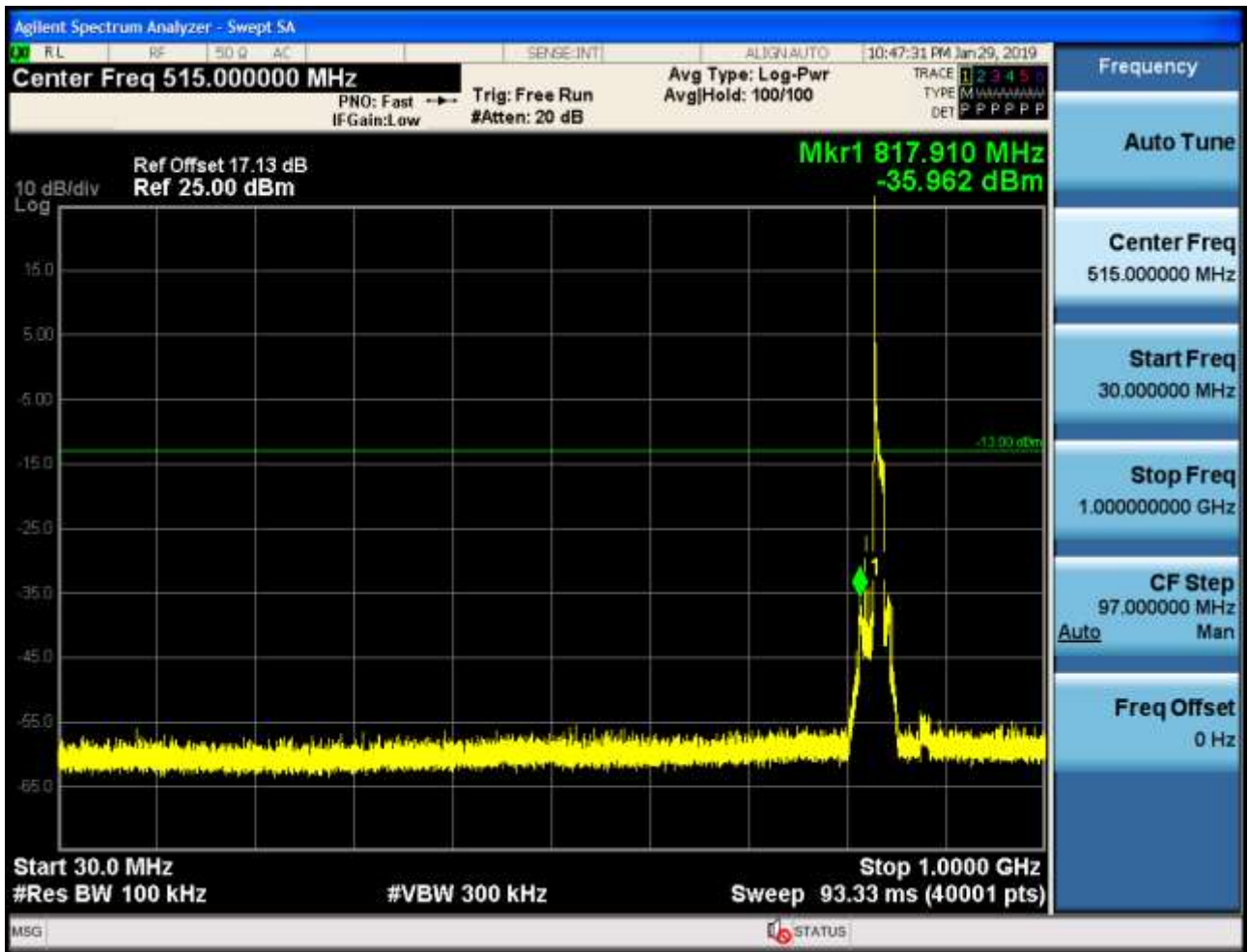


6.2.1.1.4.2 Test Channel = MCH

6.2.1.1.4.2.1 Test RB = RB1#0



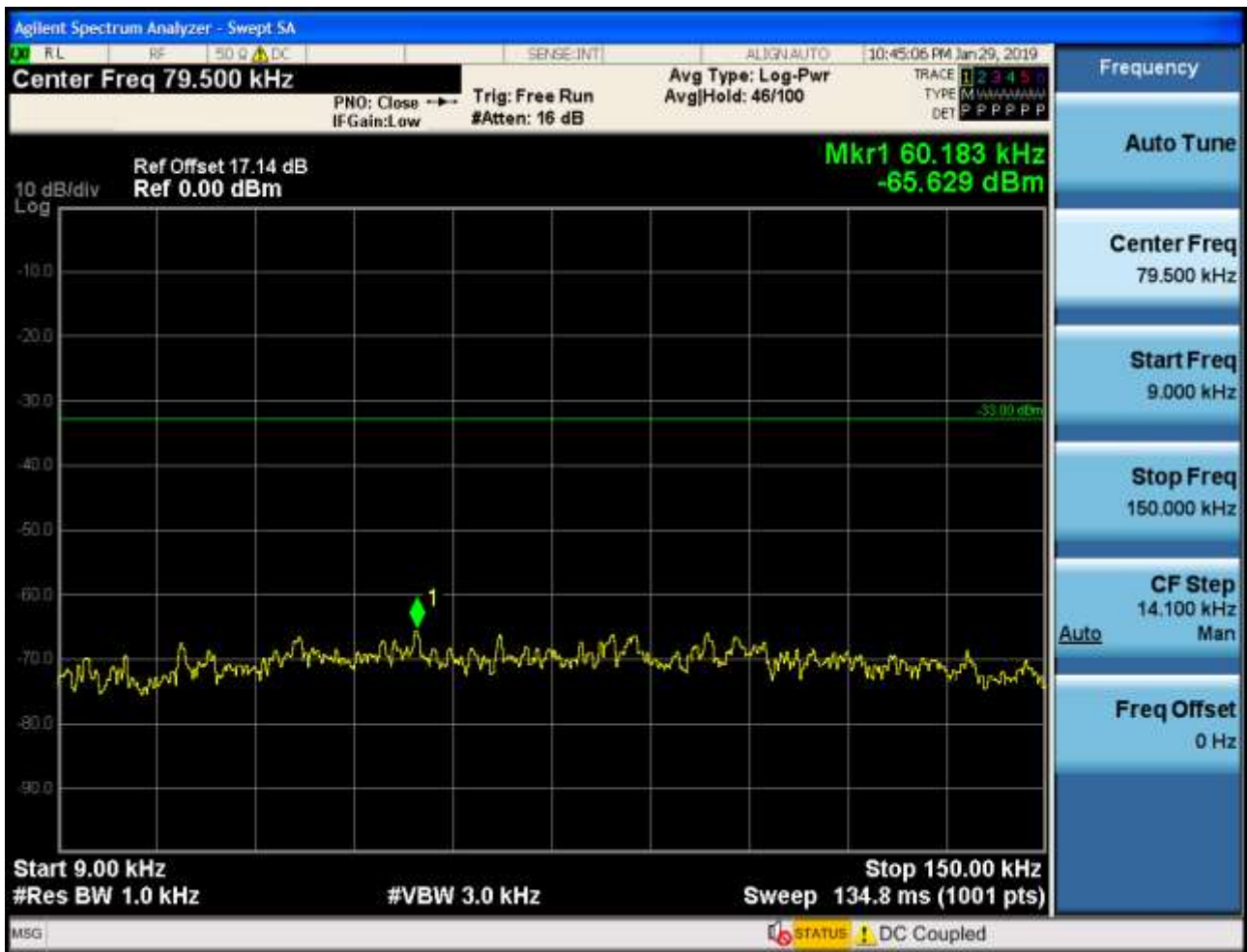




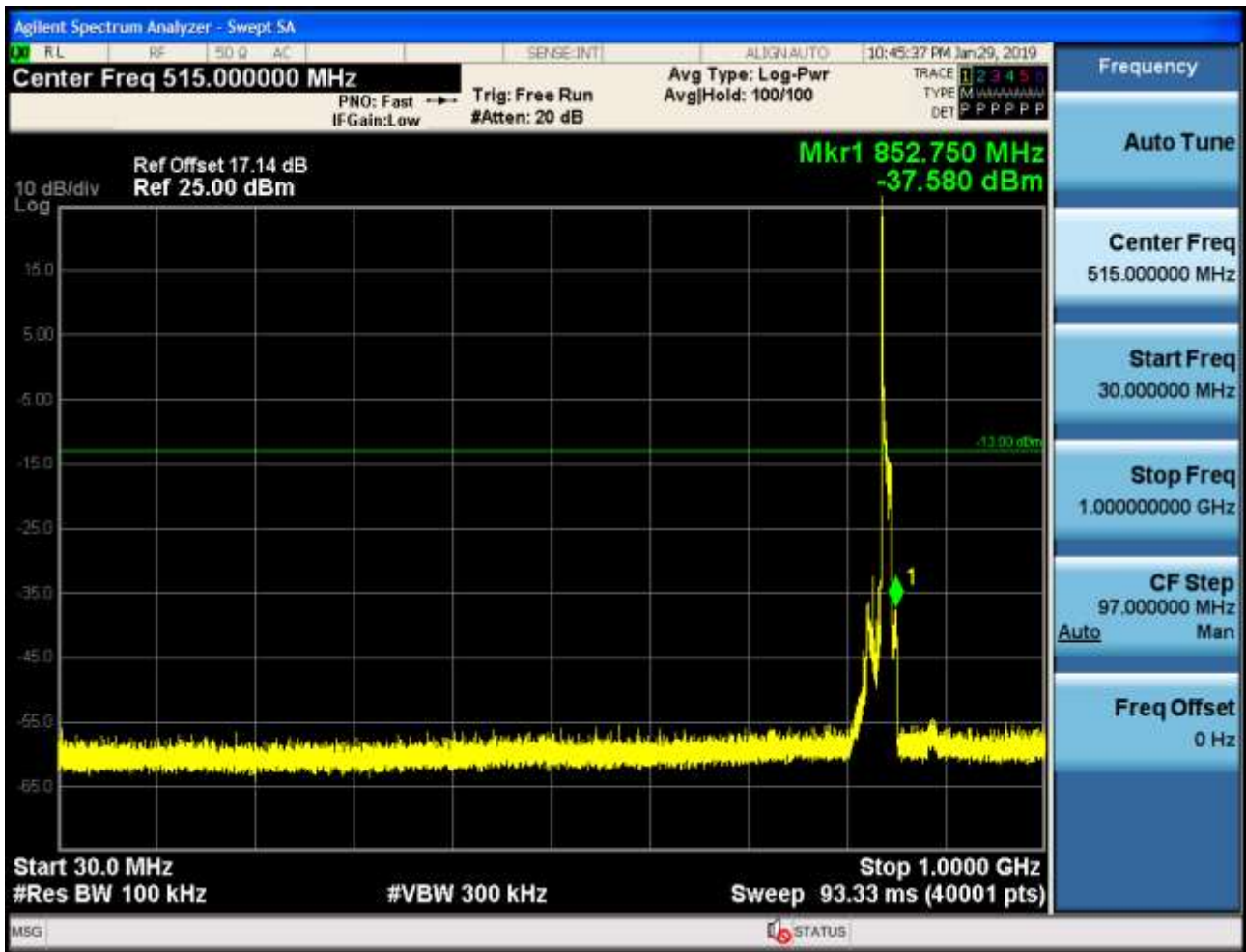


6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0









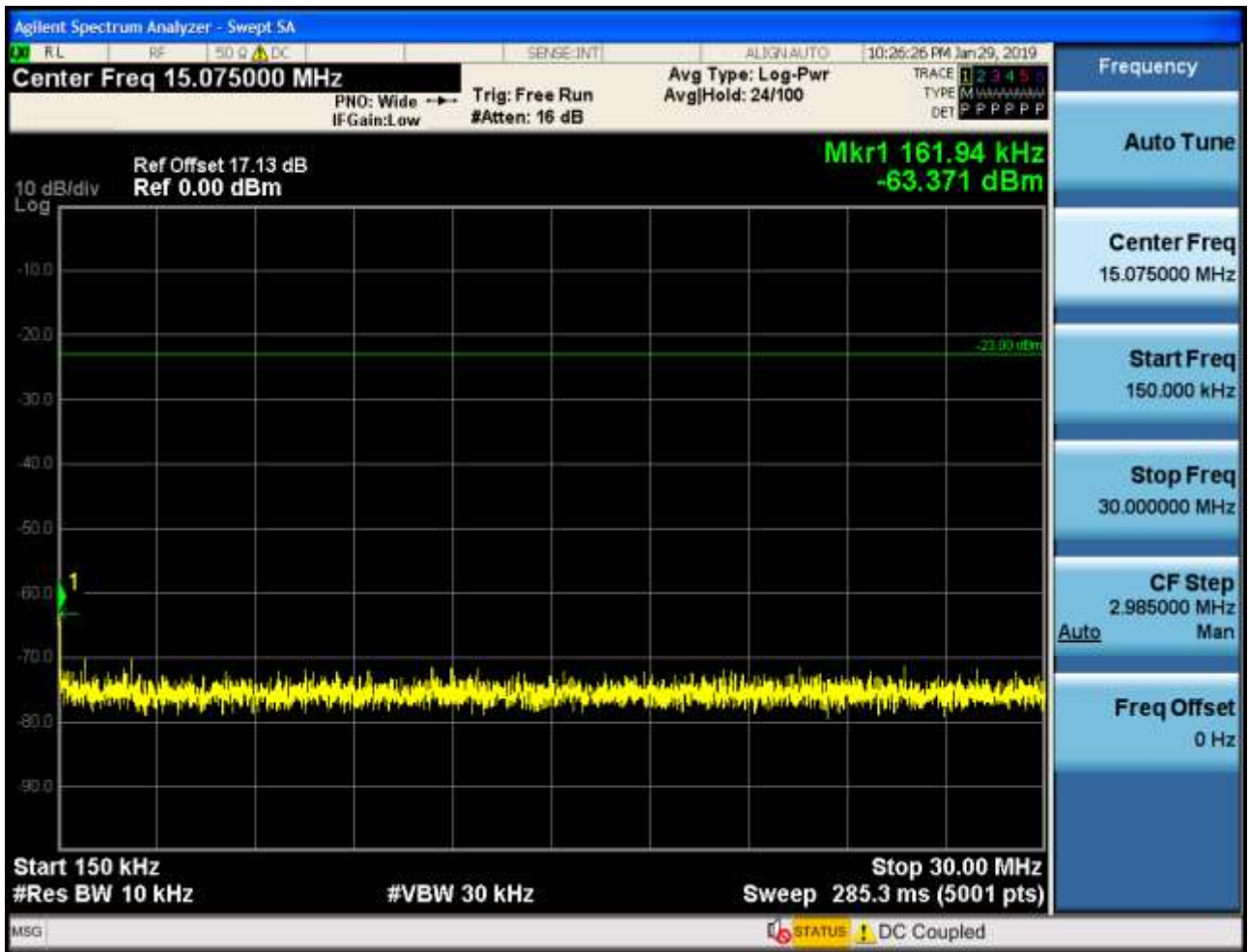
6.2.1.2 Test Mode = LTE/TM2

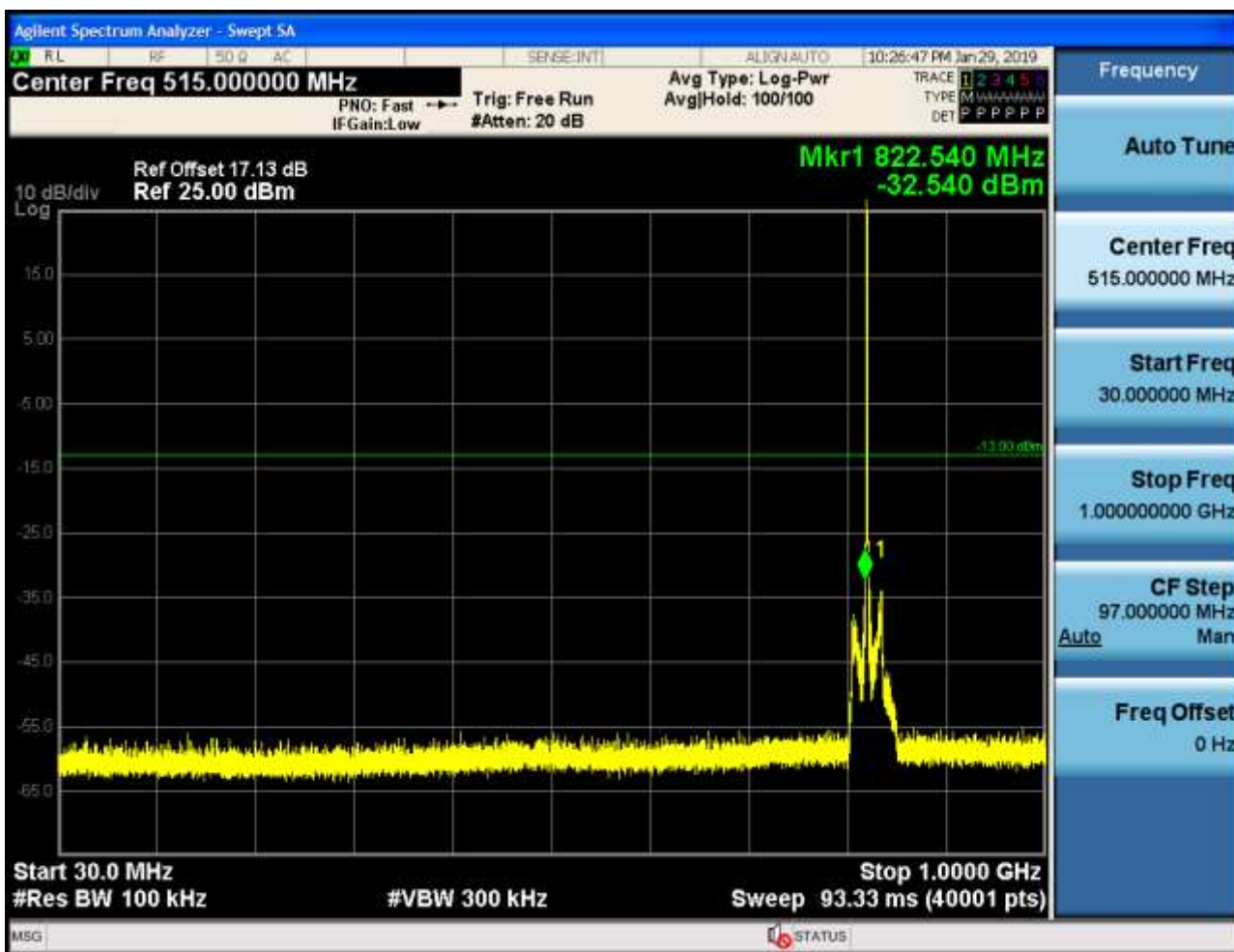
6.2.1.2.1 Test Bandwidth = 1.4

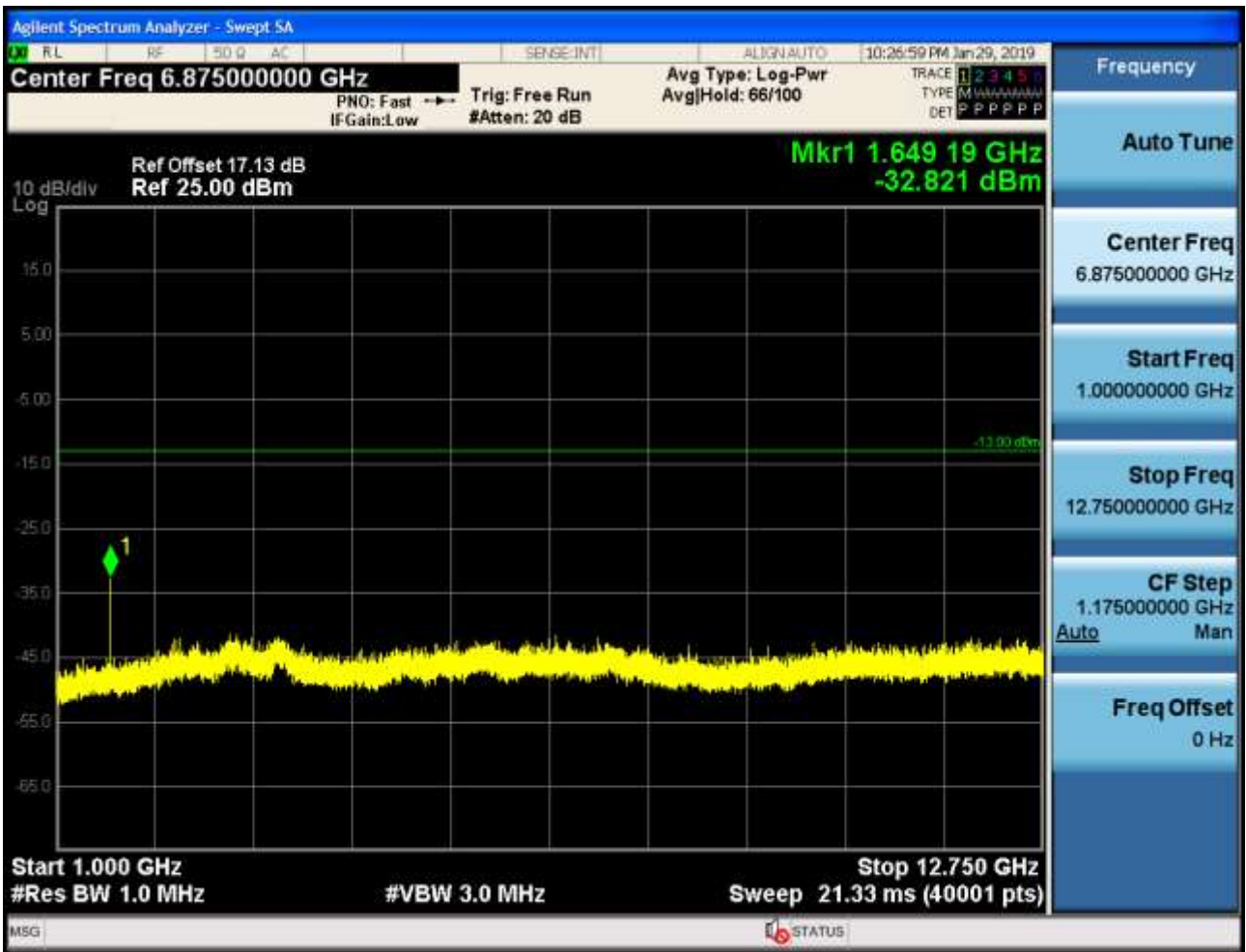
6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 Test RB = RB1#0



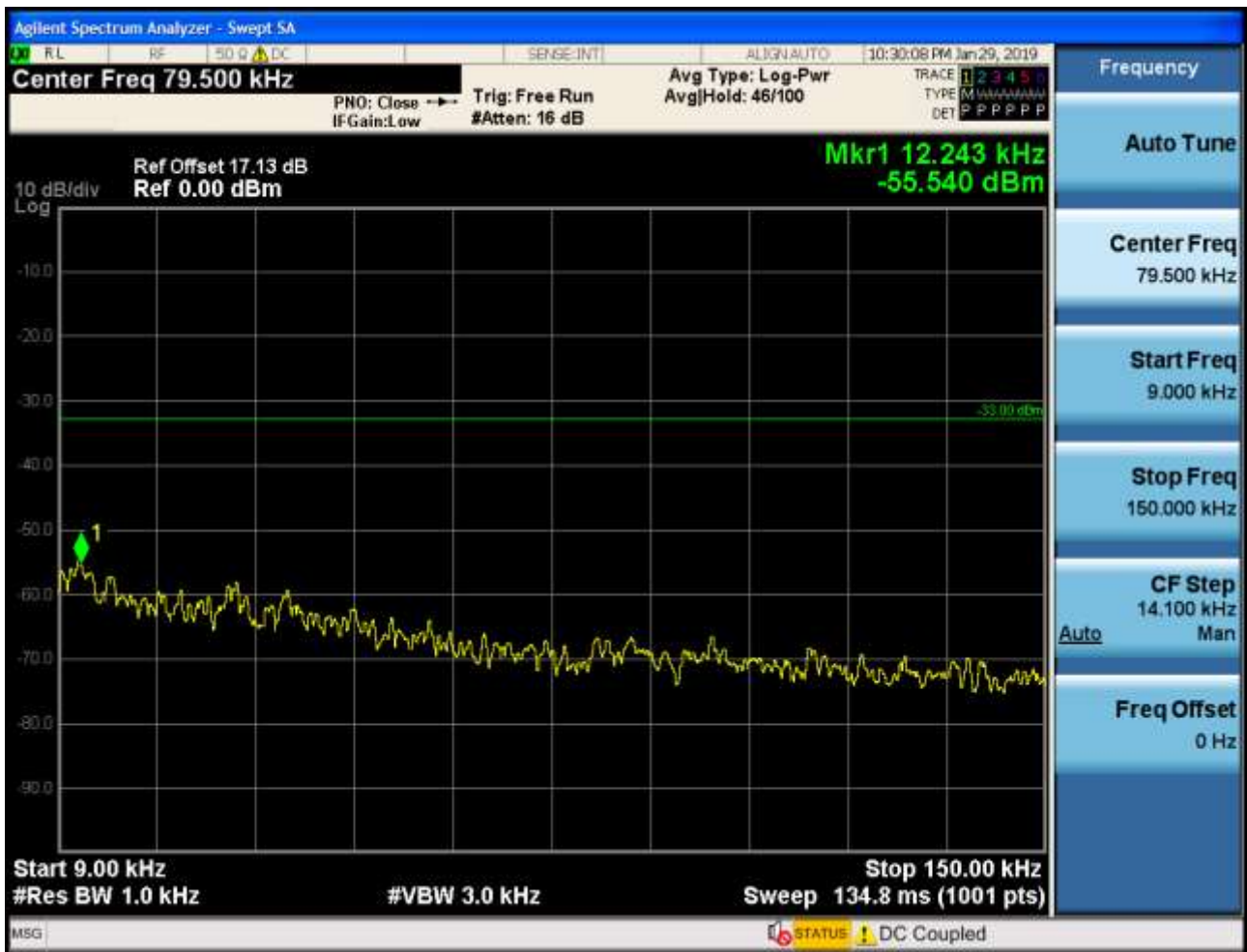


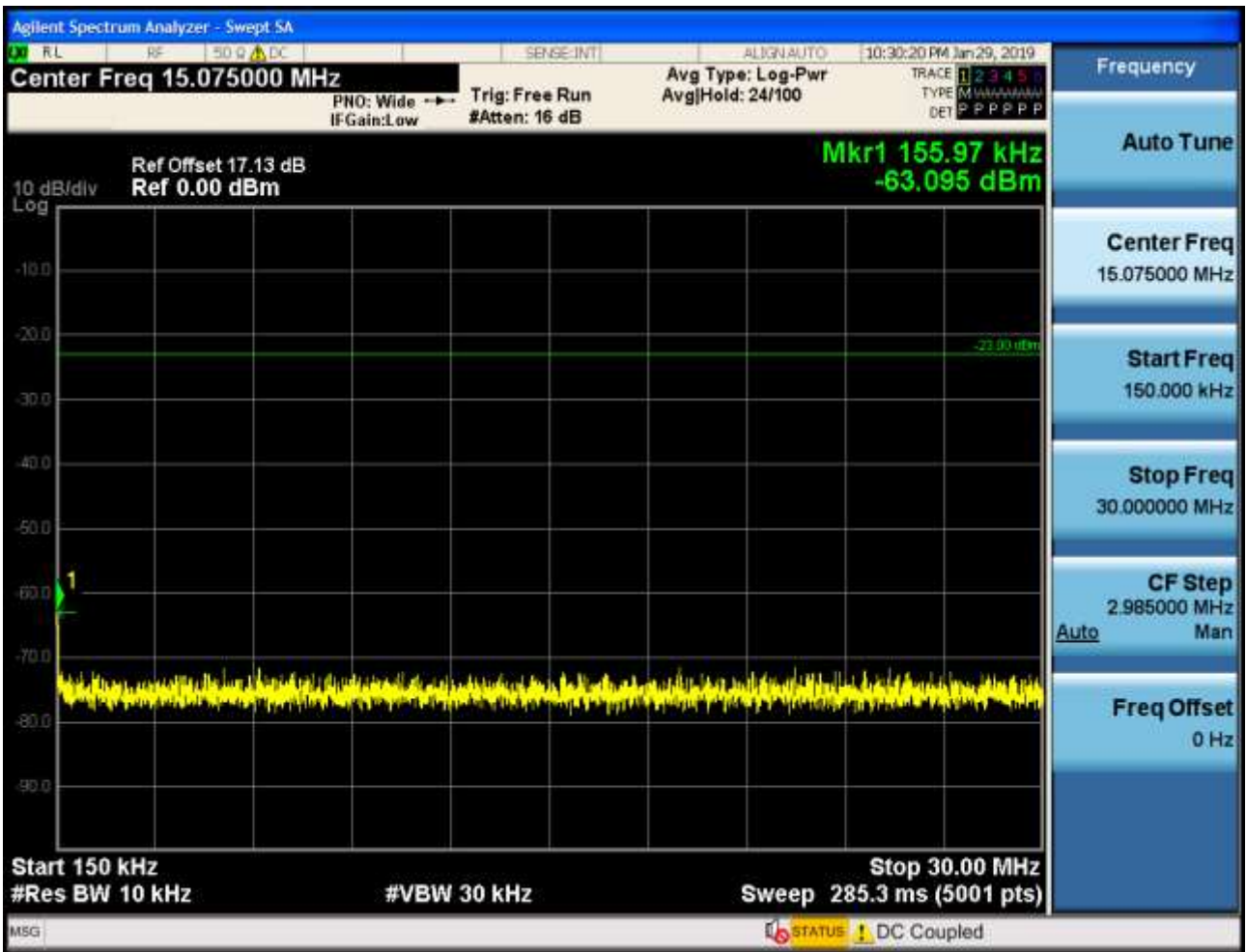


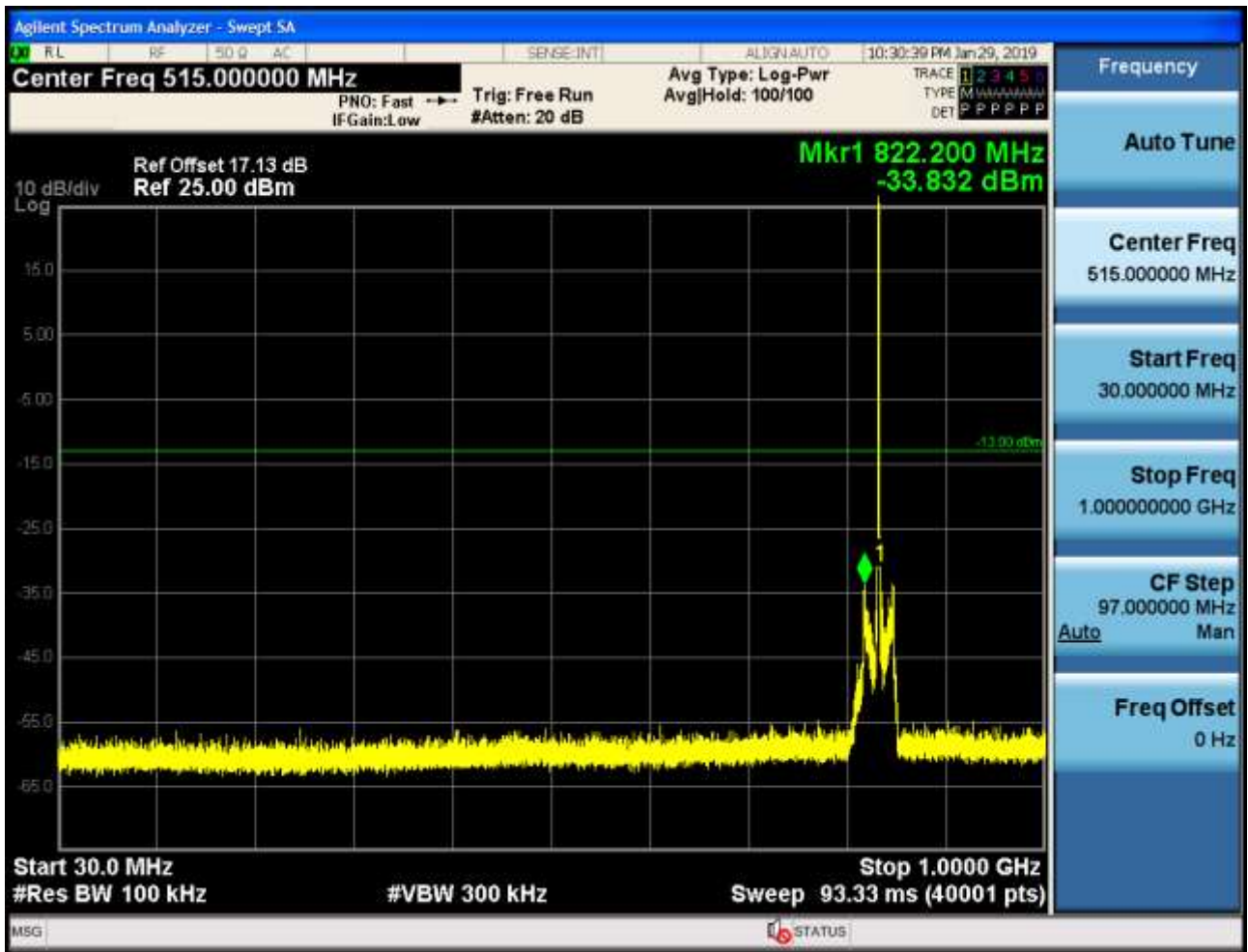


6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0





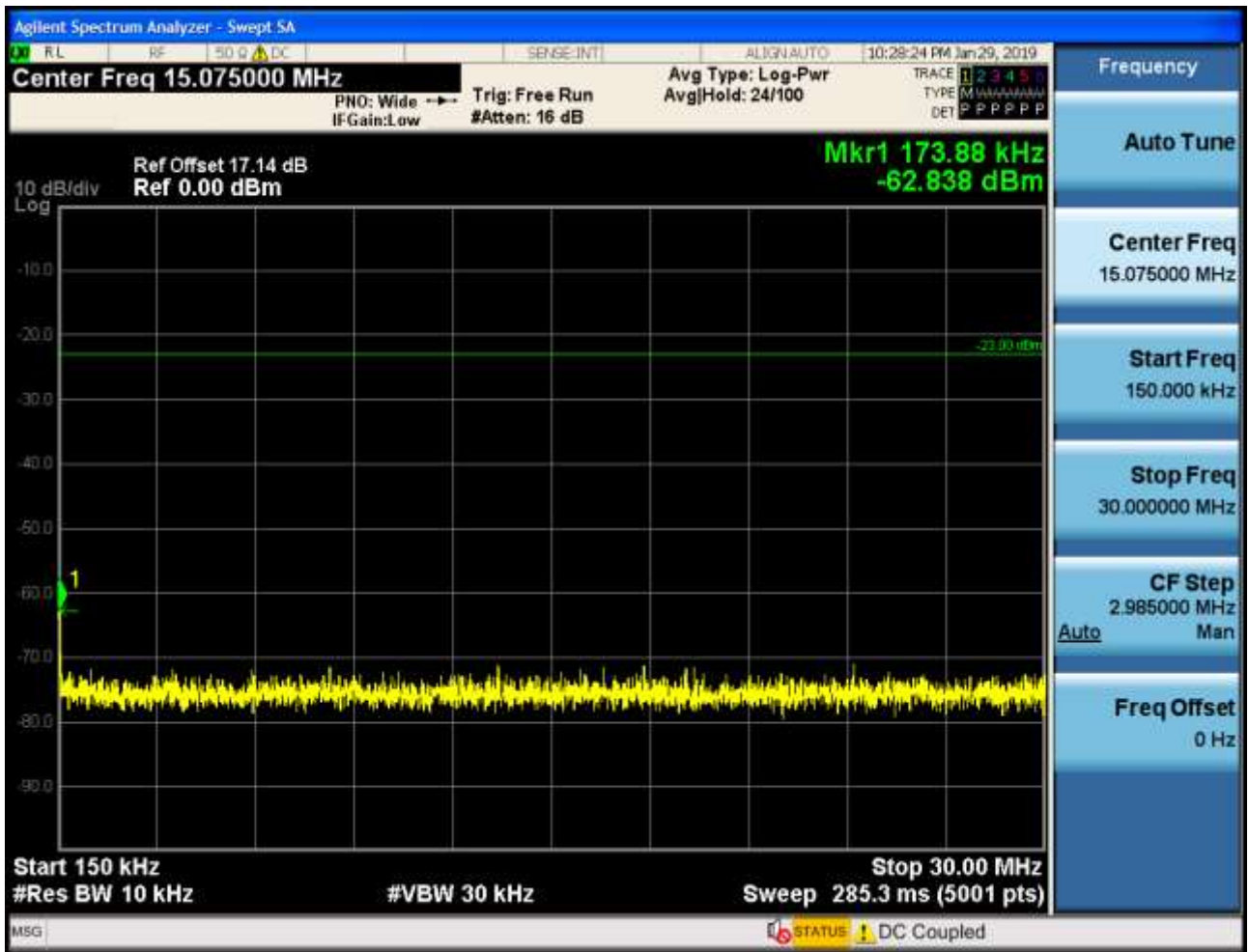


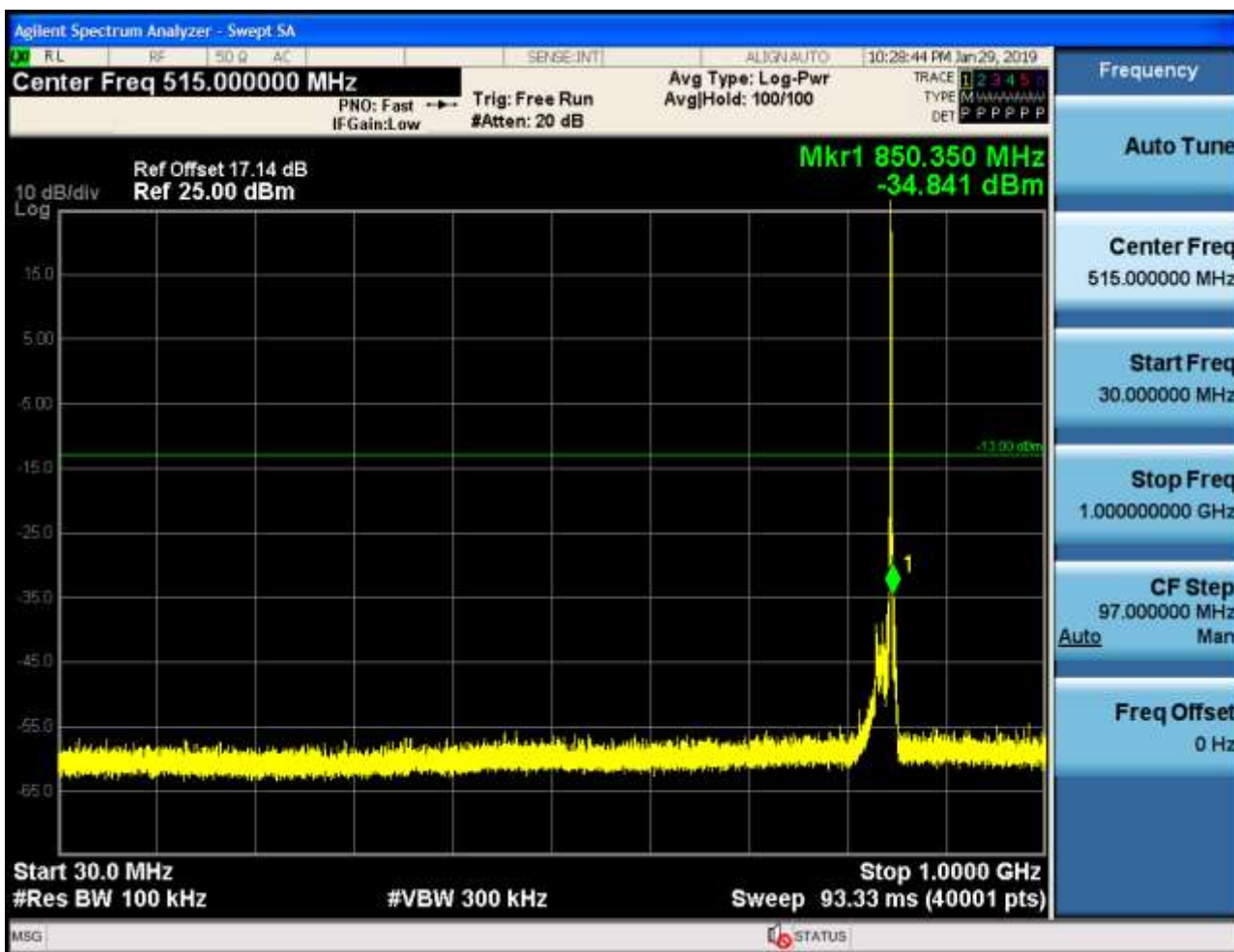


6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0







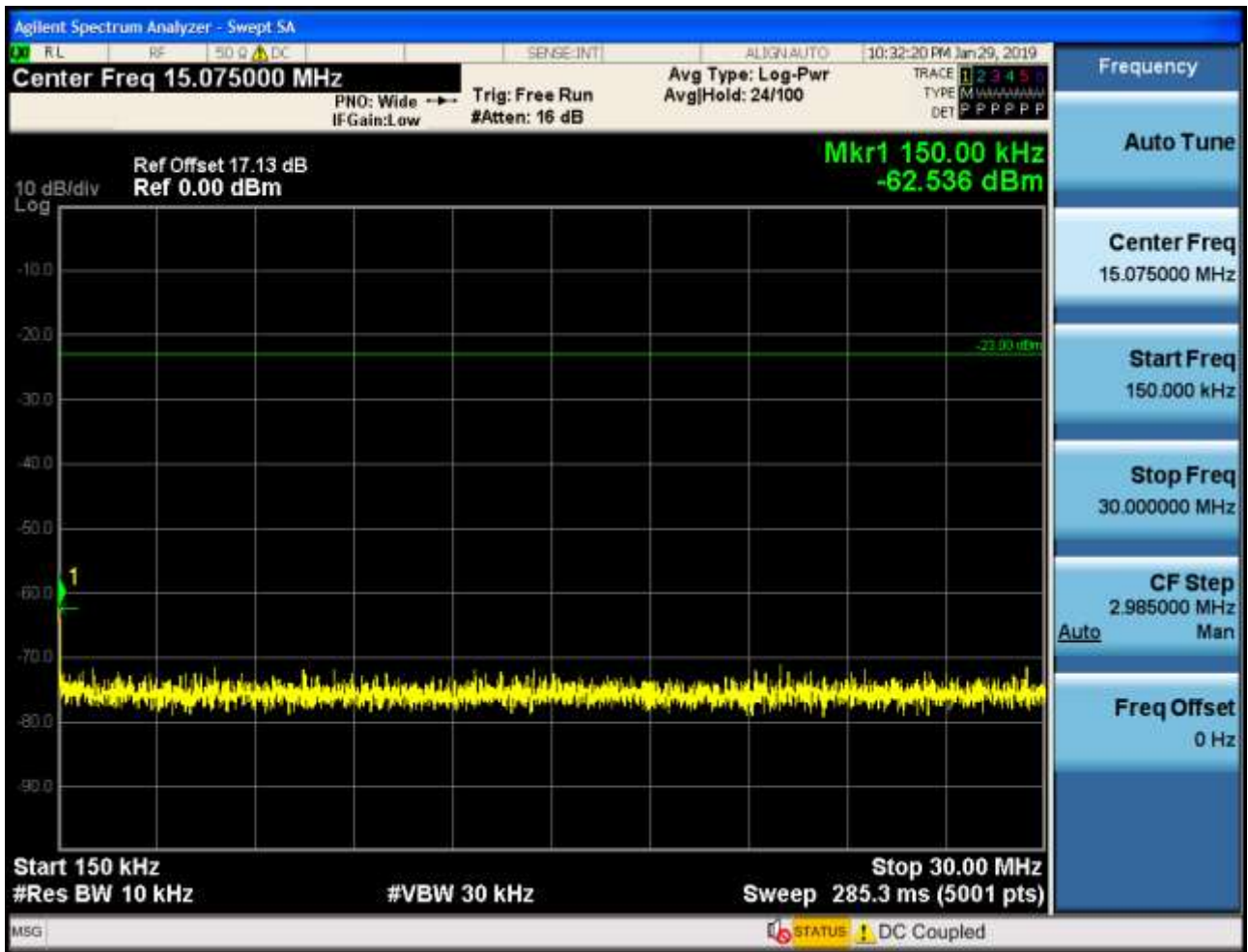


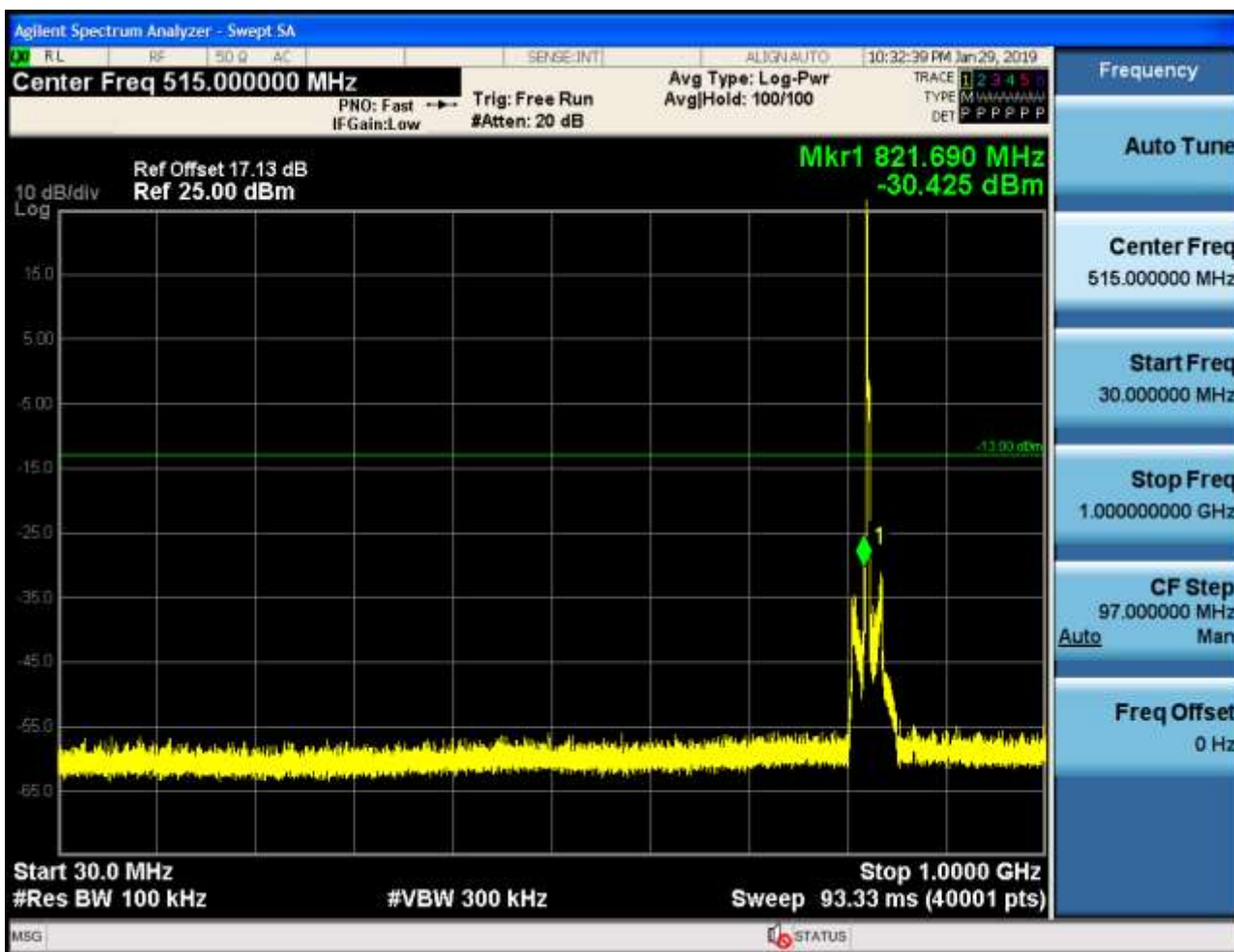
6.2.1.2.2 Test Bandwidth = 3

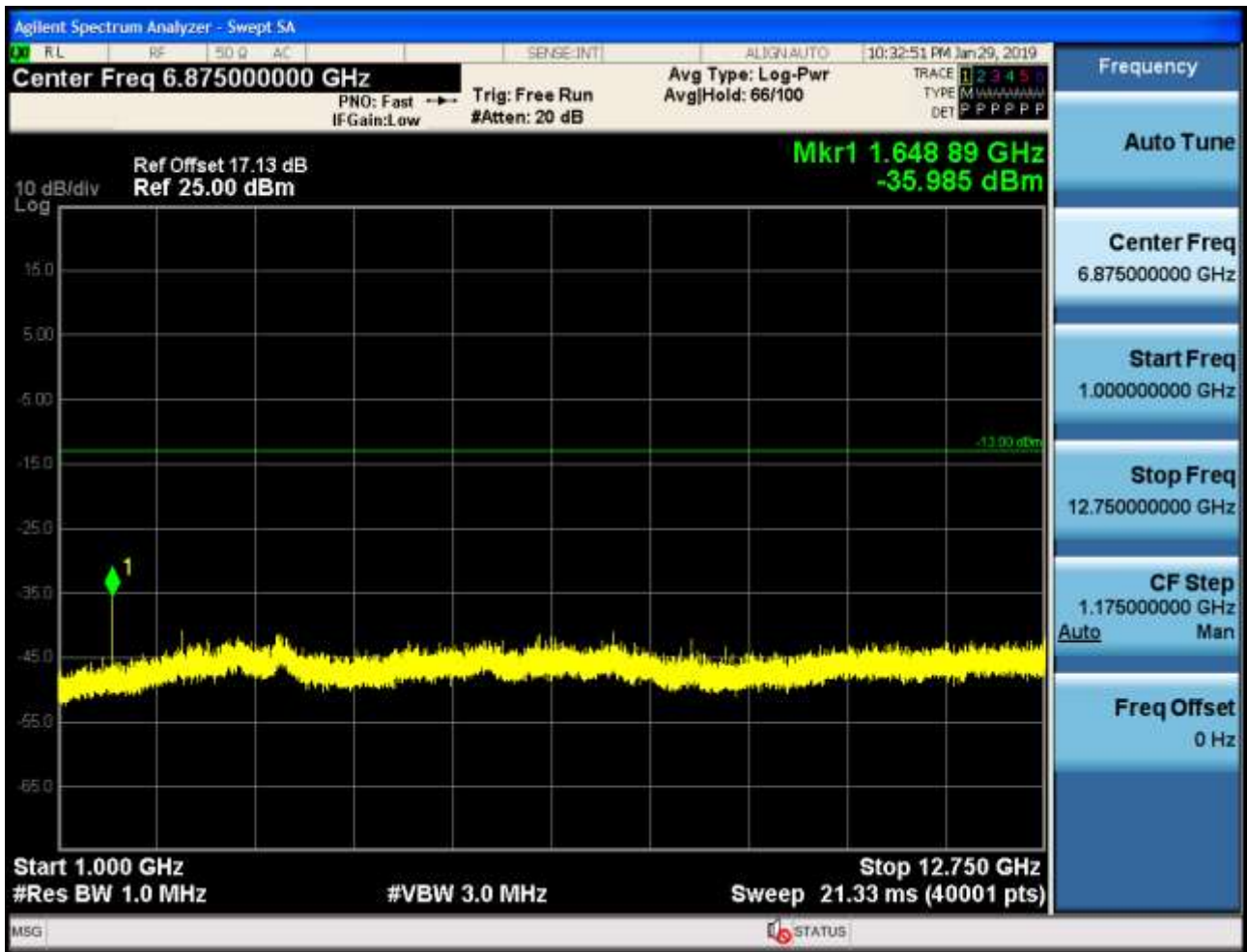
6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0



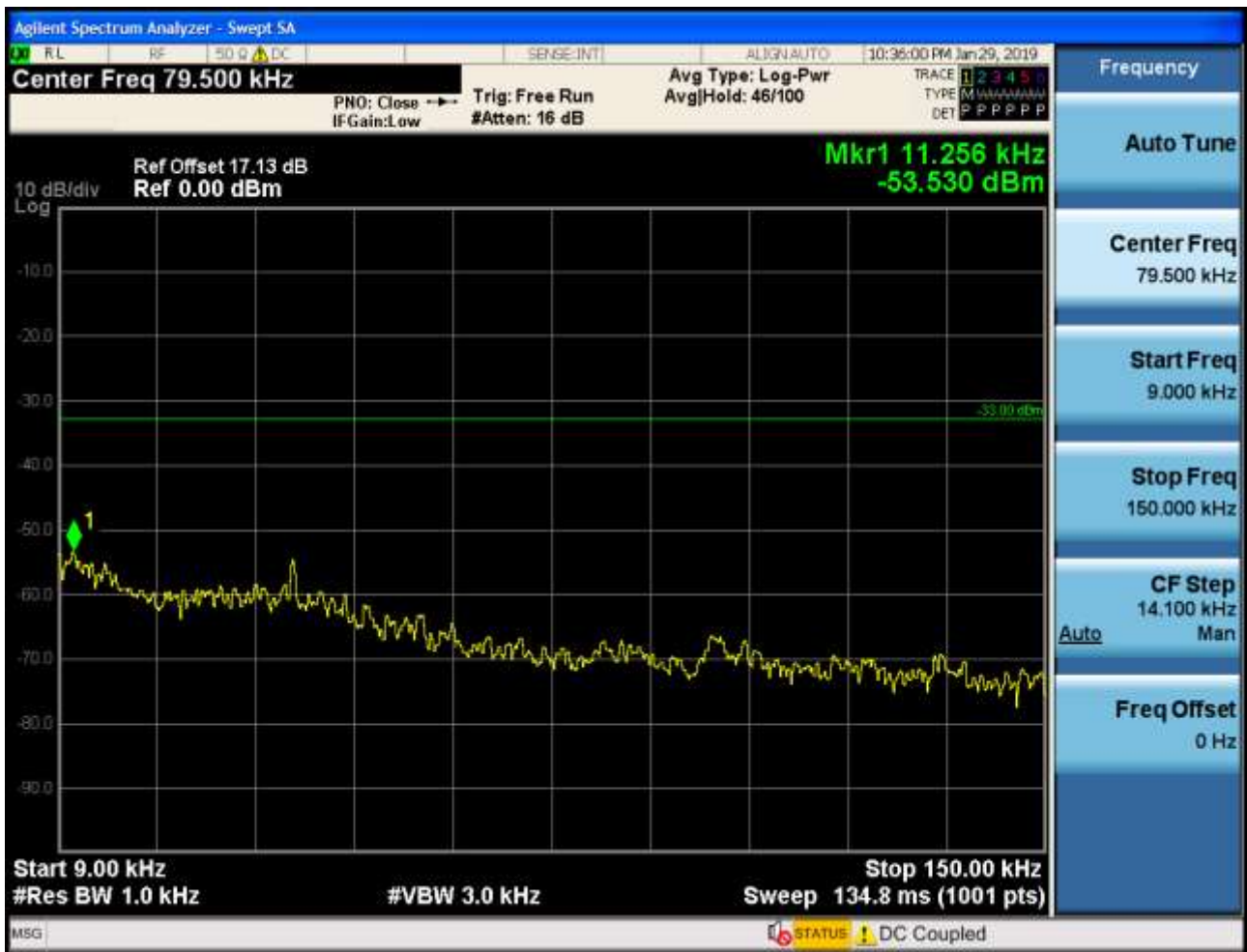


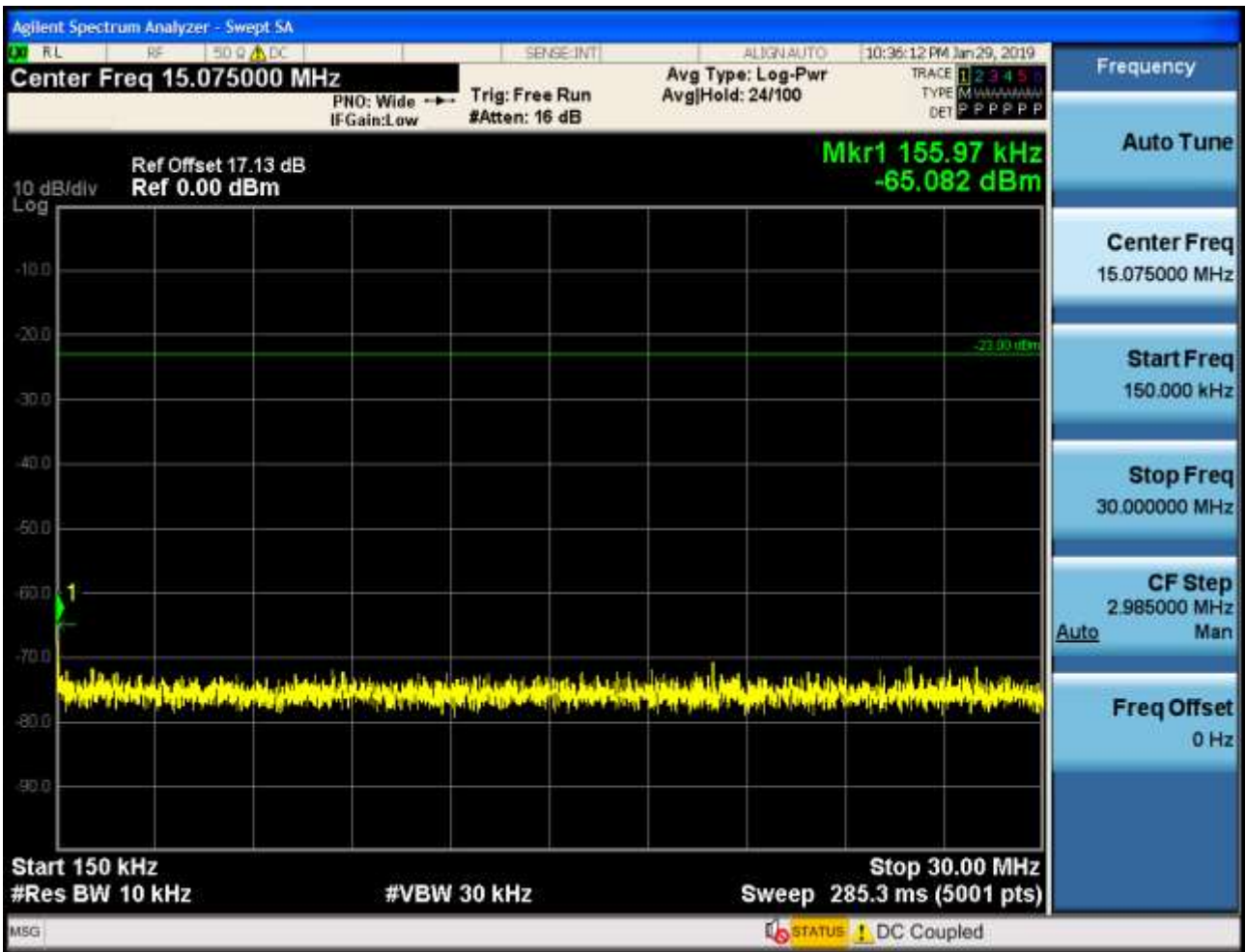


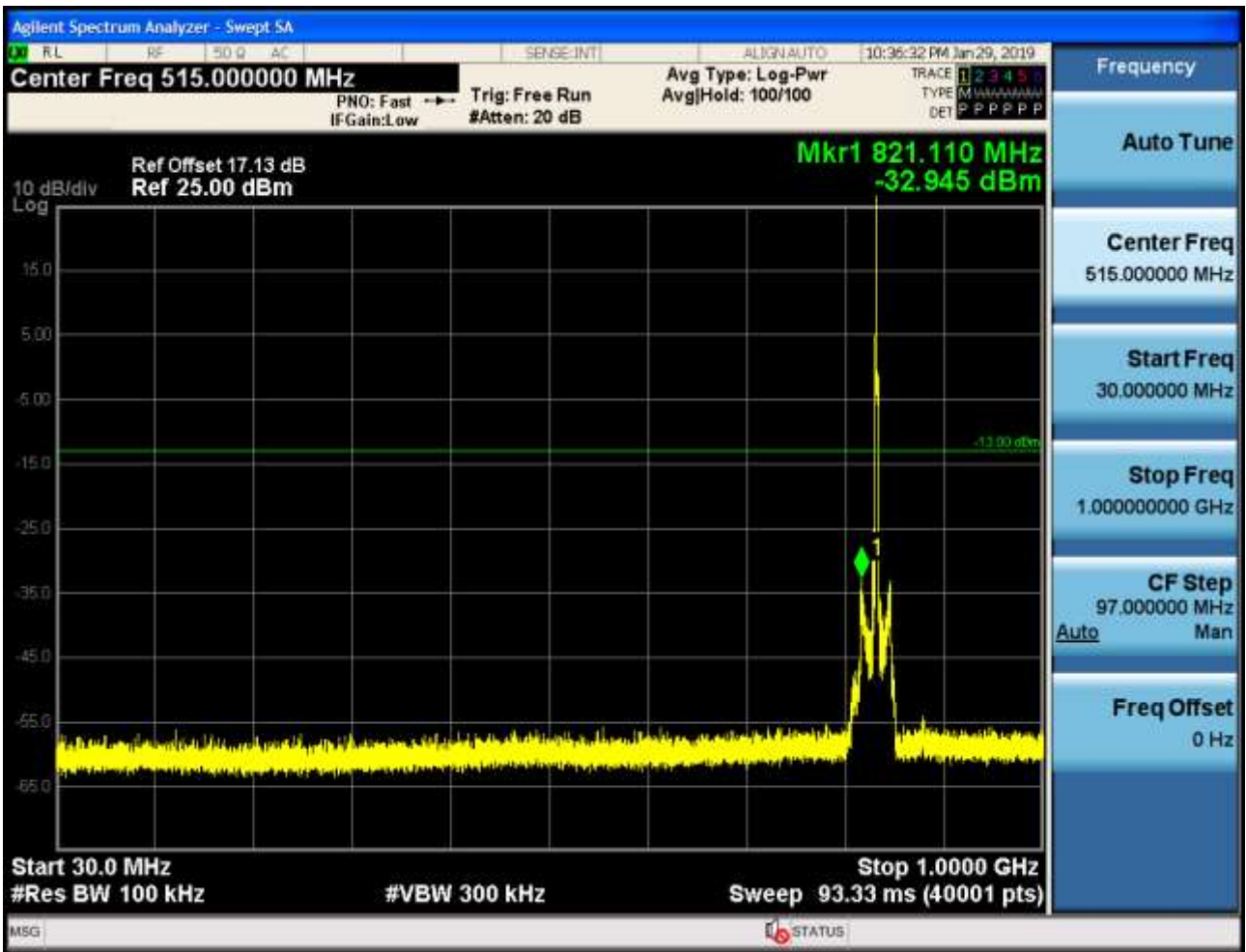


6.2.1.2.2 Test Channel = MCH

6.2.1.2.2.1 Test RB = RB1#0





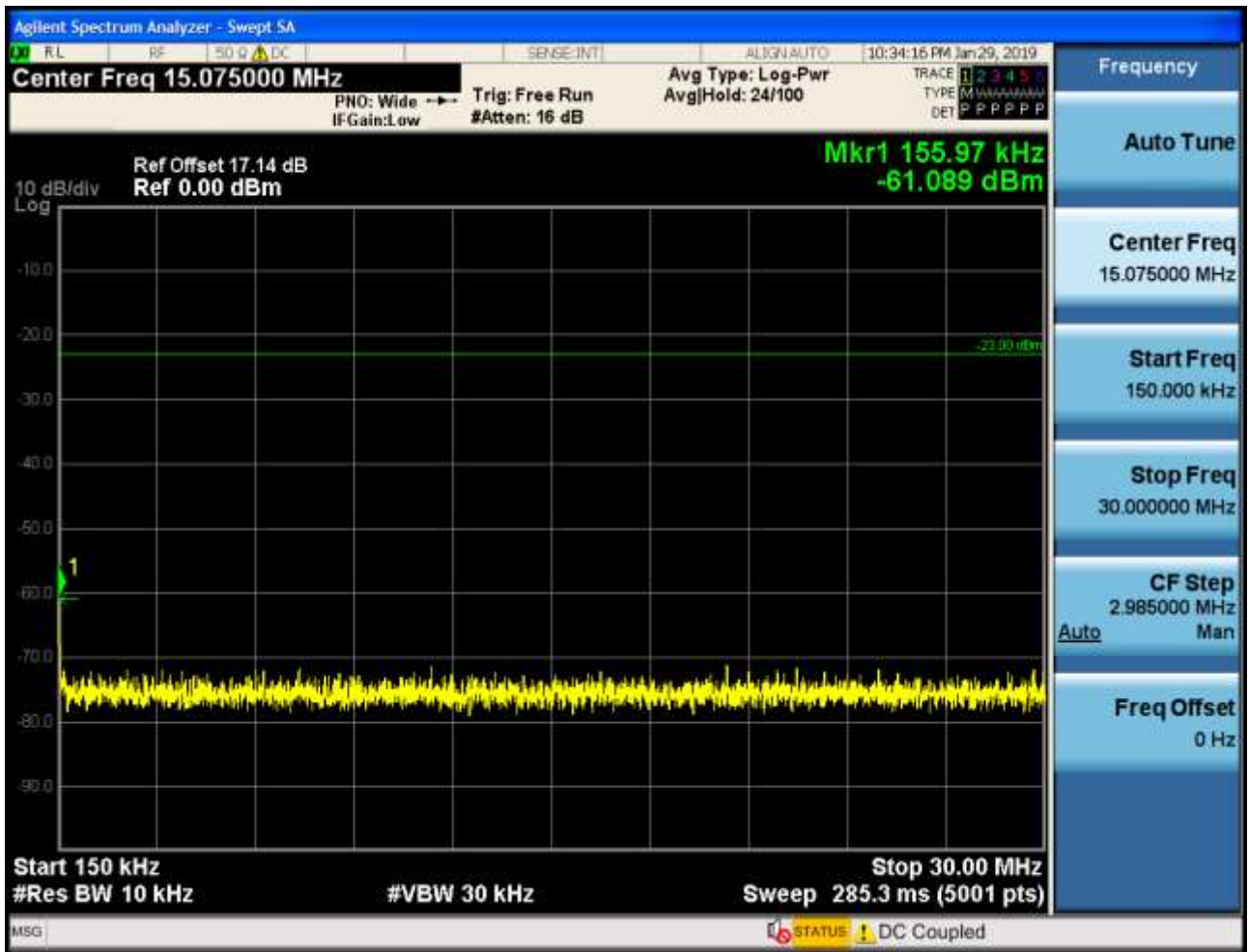


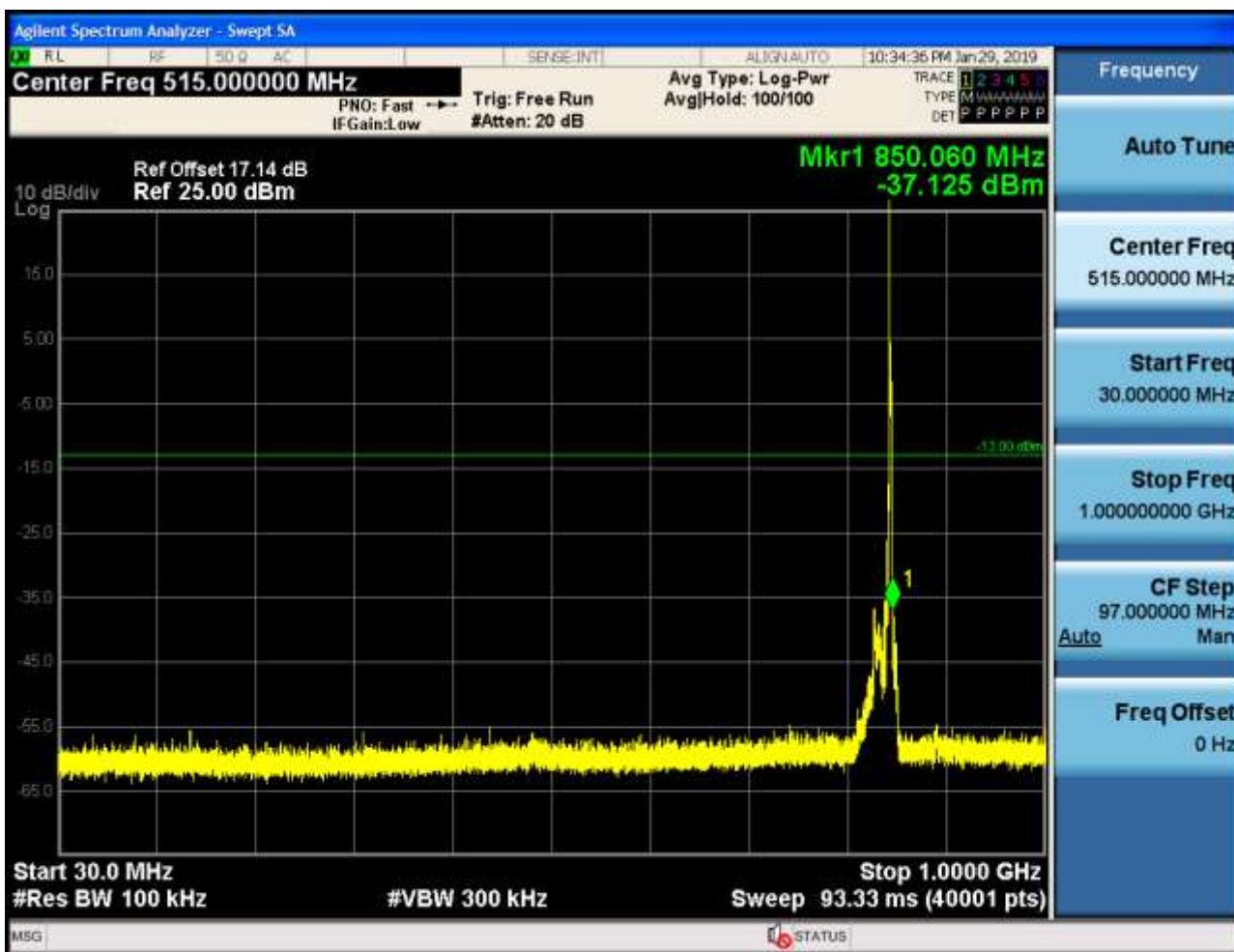


6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0









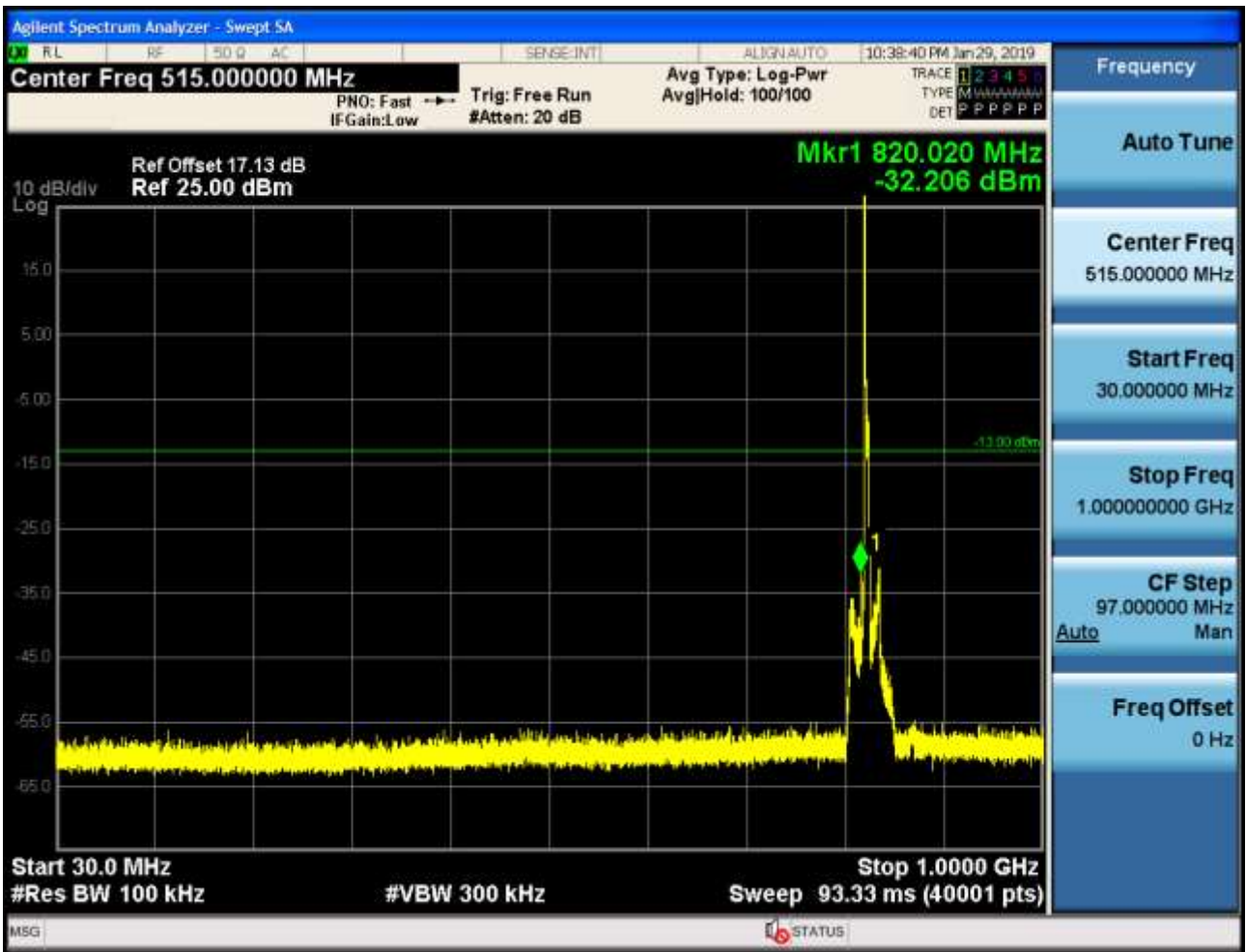
6.2.1.2.3 Test Bandwidth = 5

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0



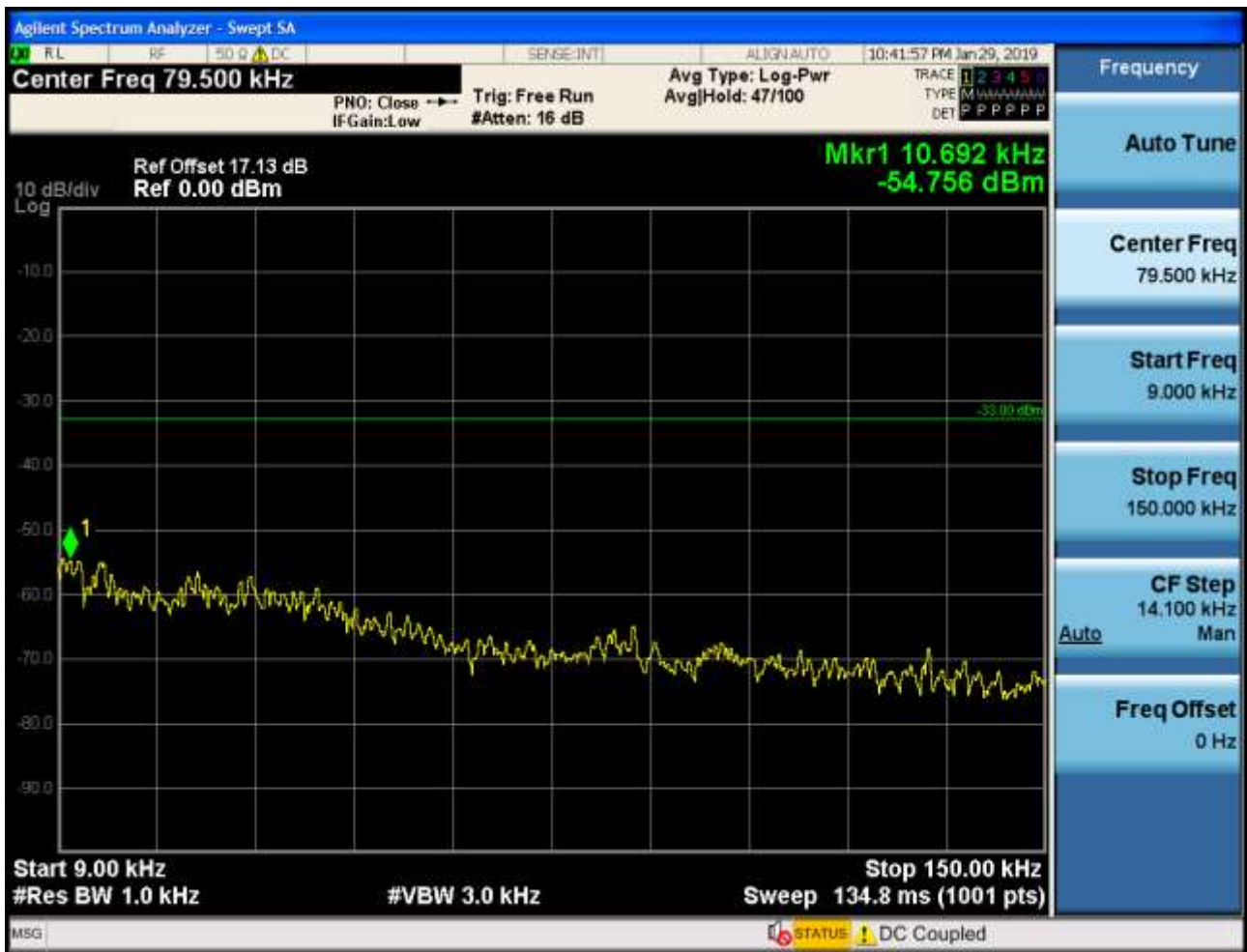


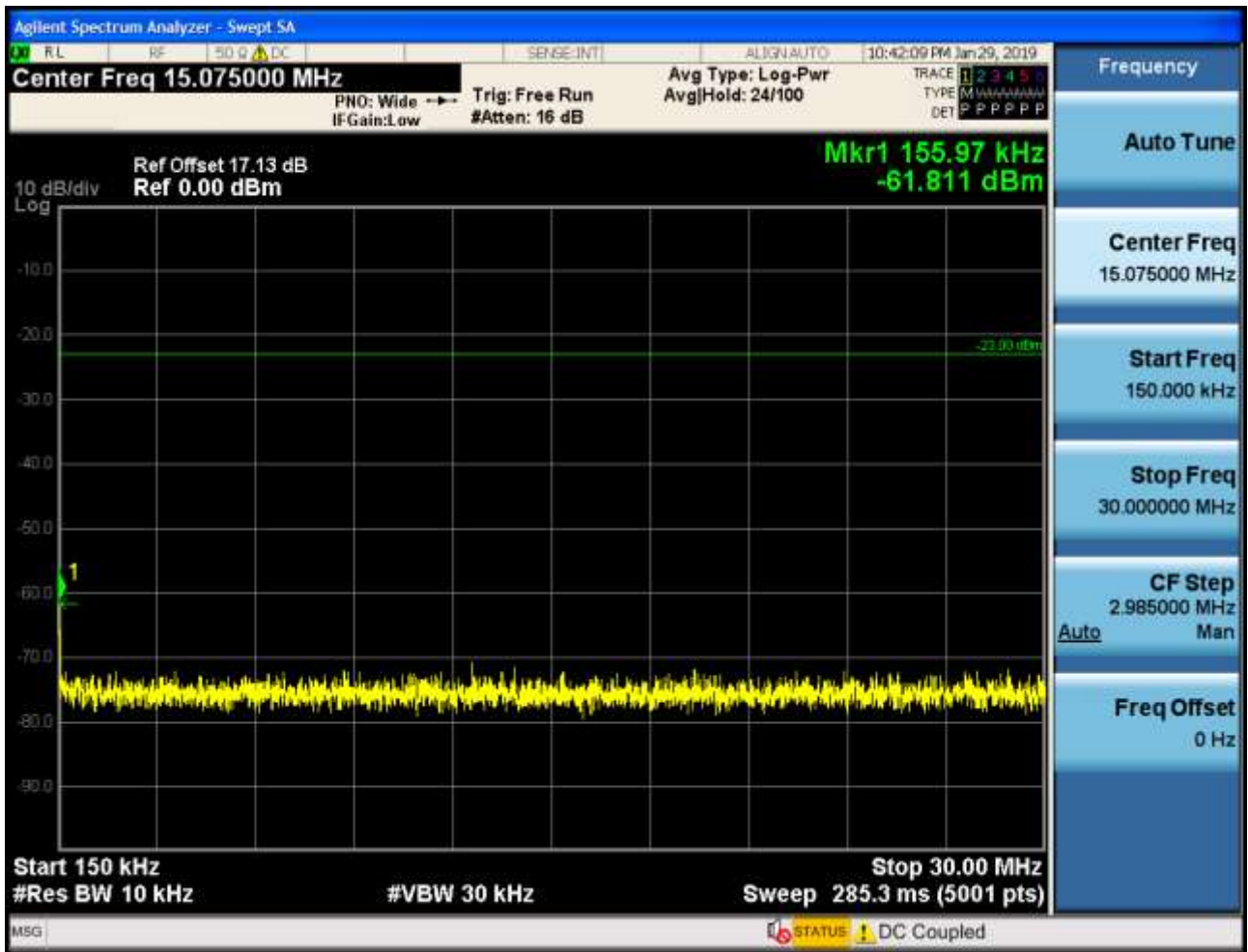


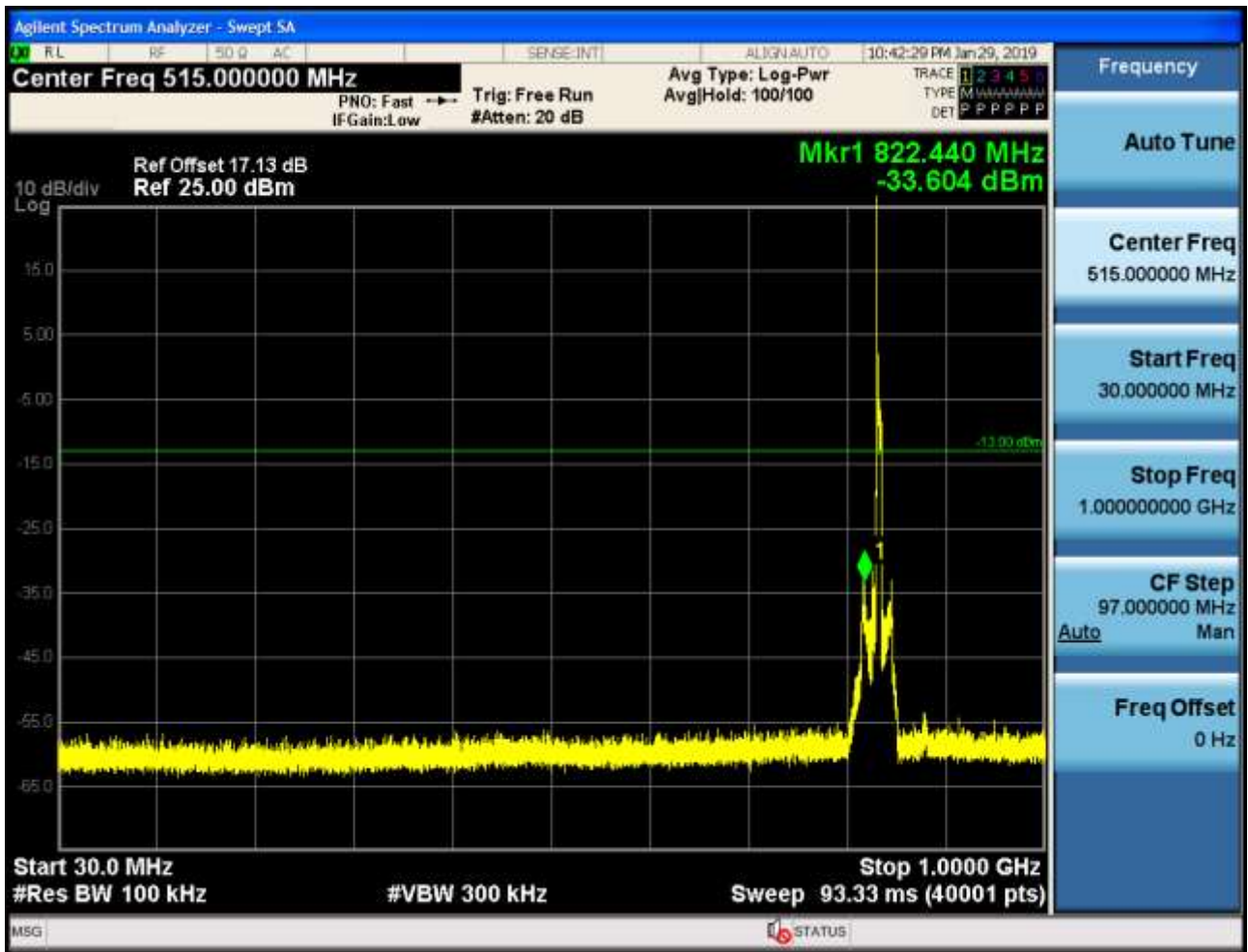


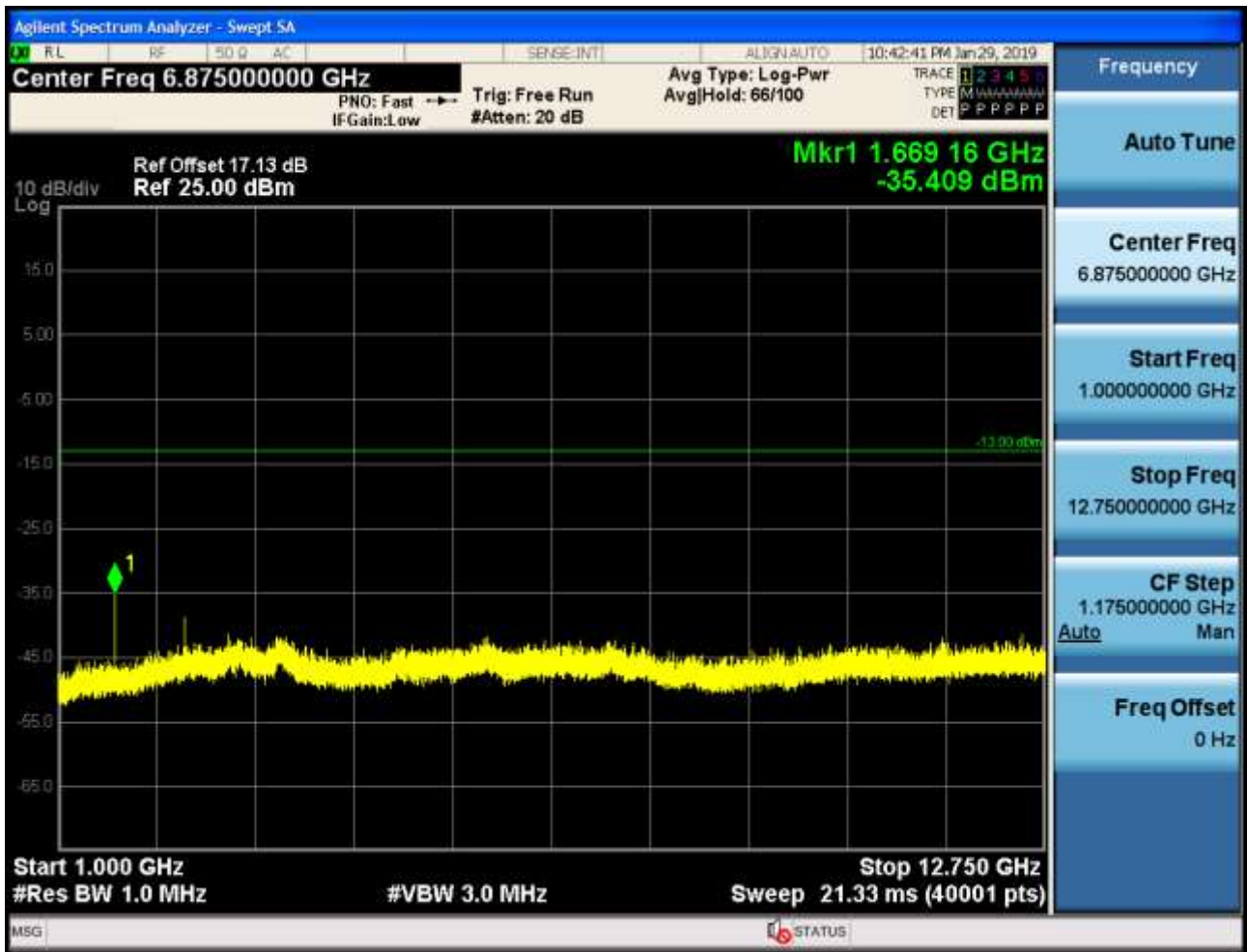
6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0







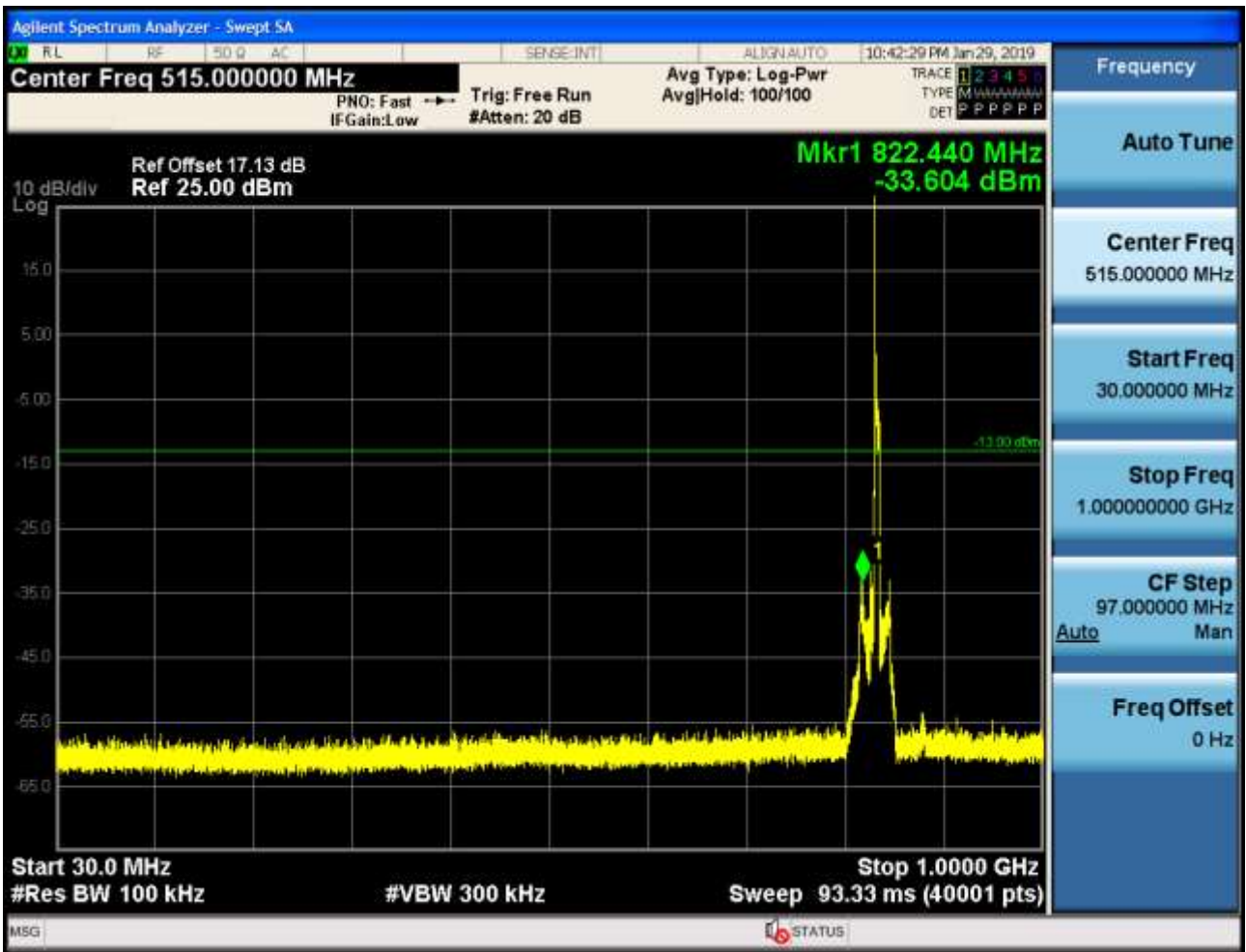


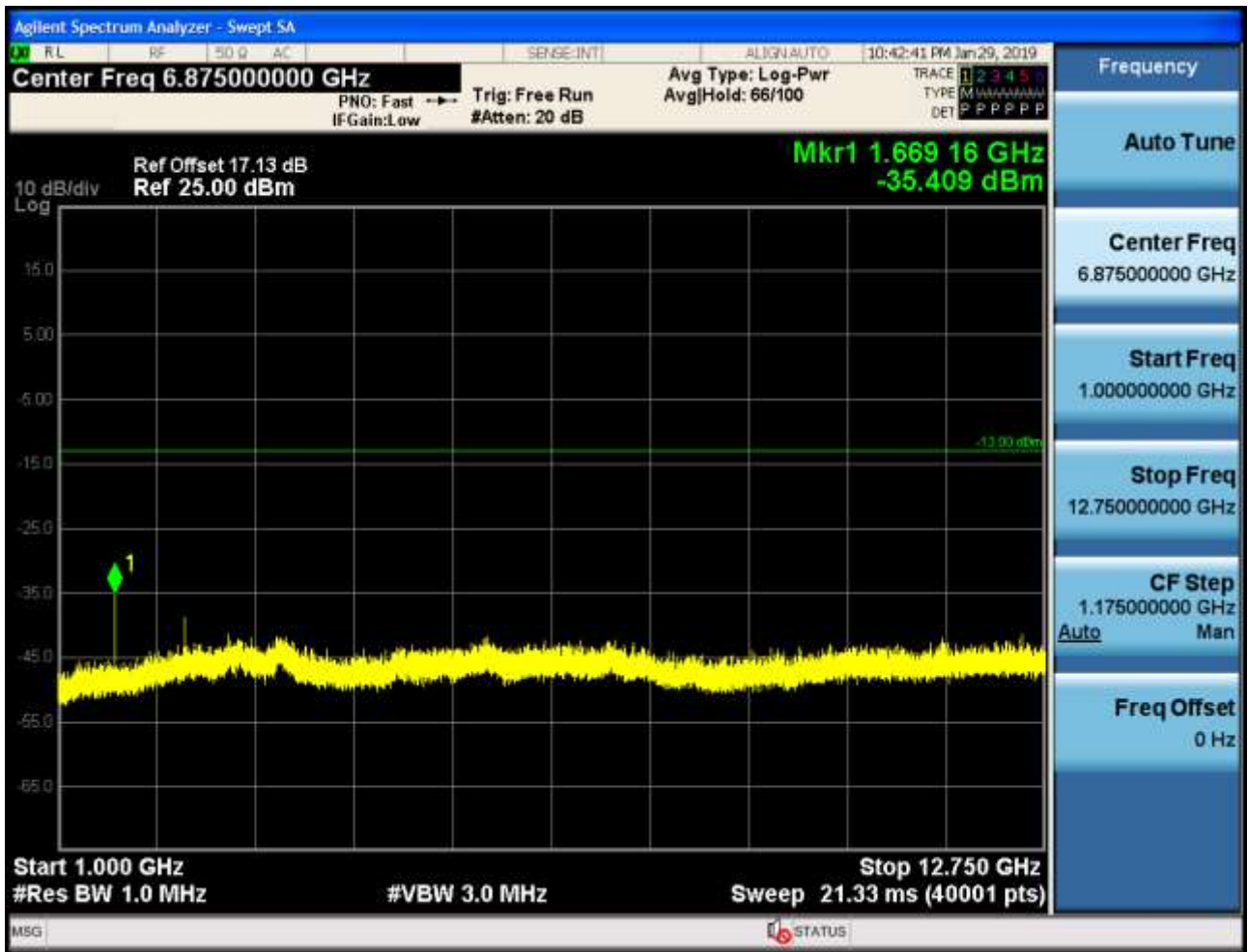
6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0









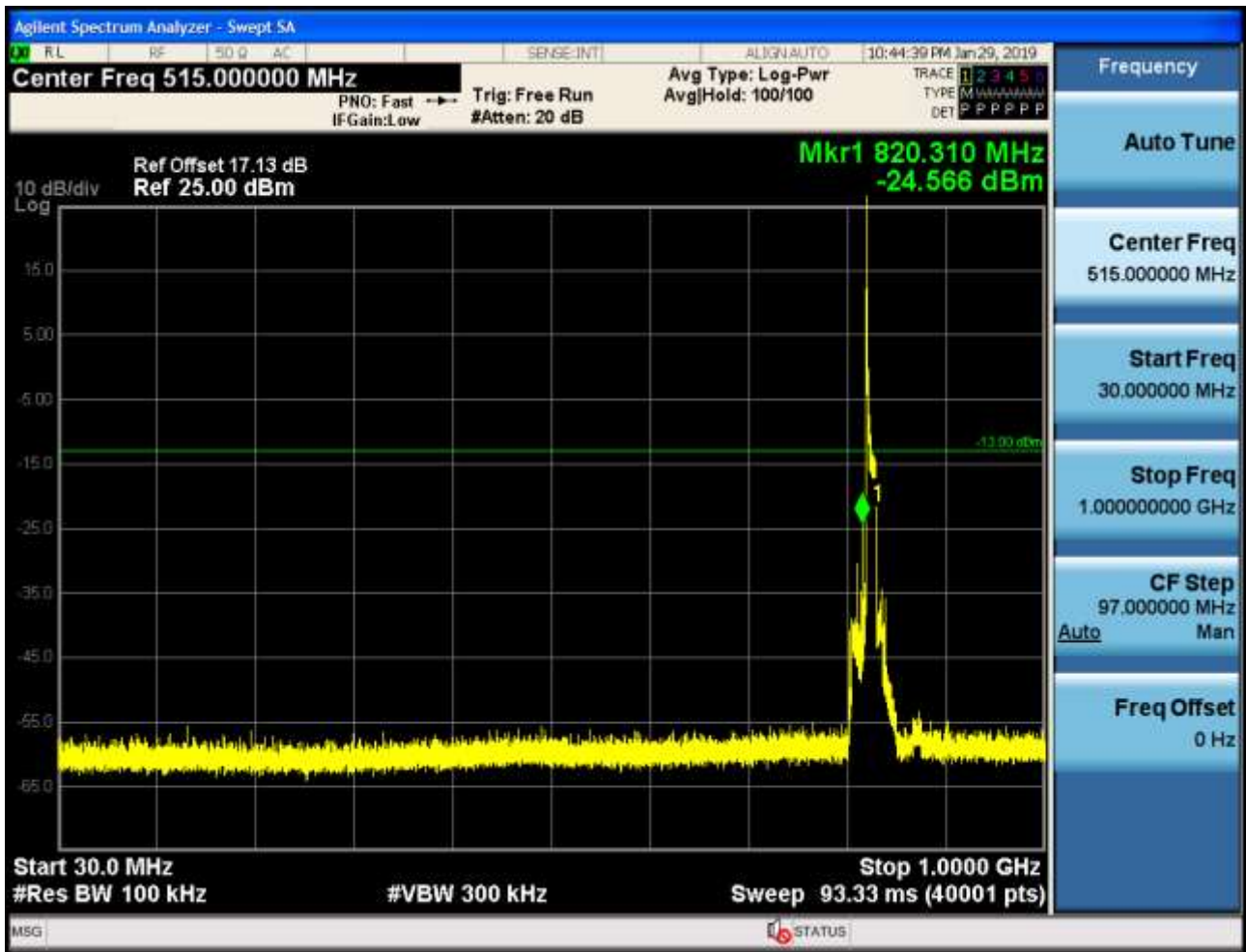
6.2.1.2.4 Test Bandwidth = 10

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0







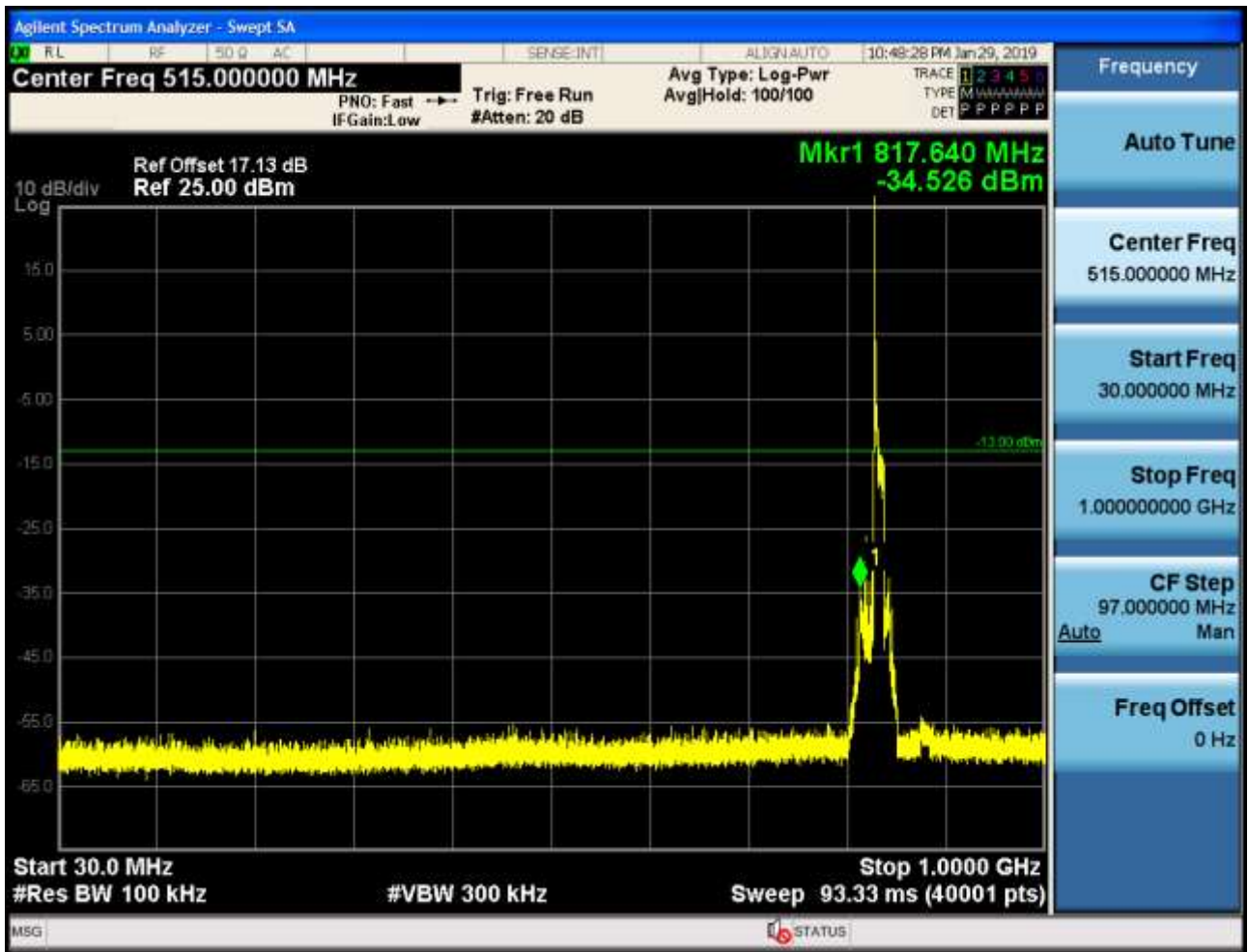


6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0



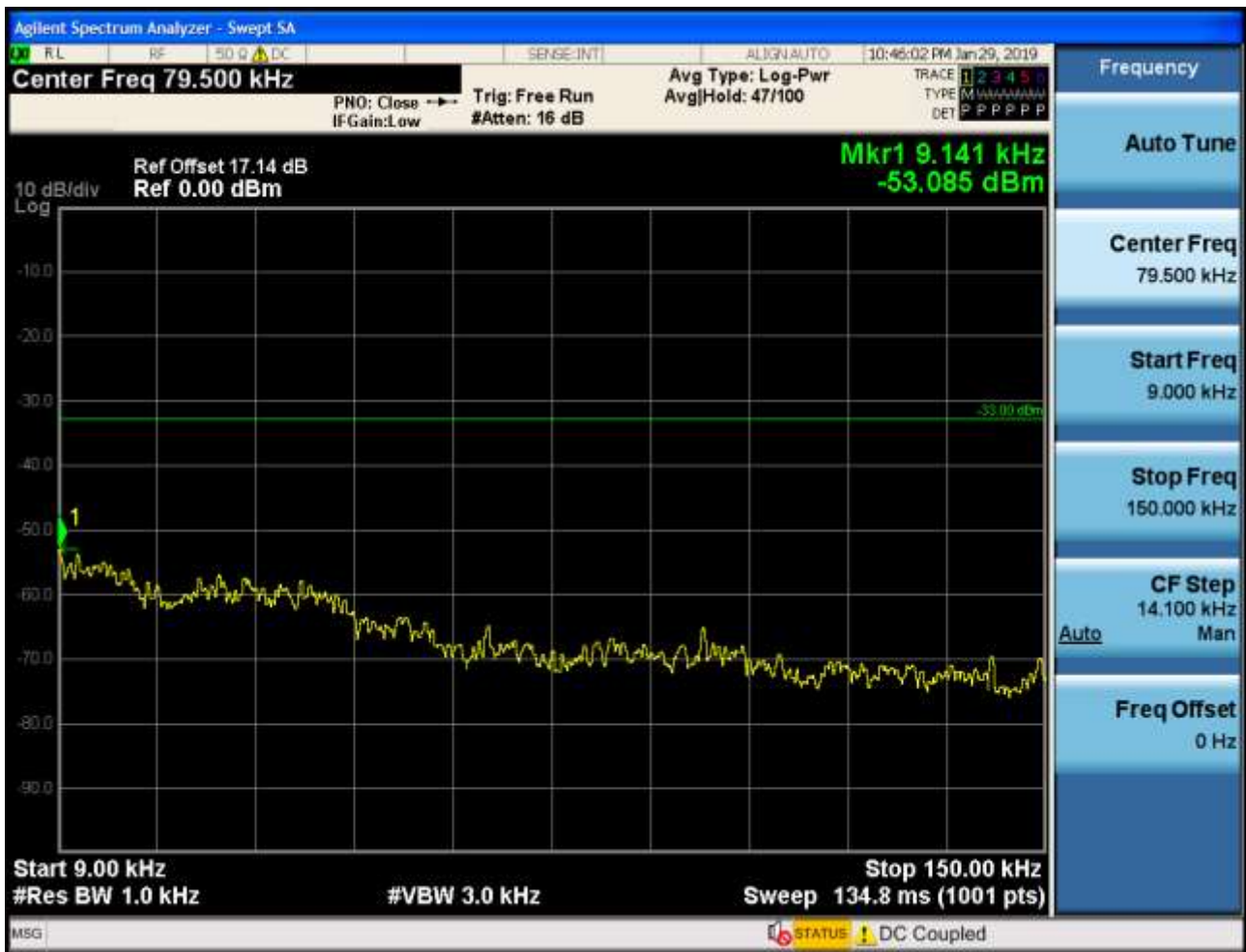


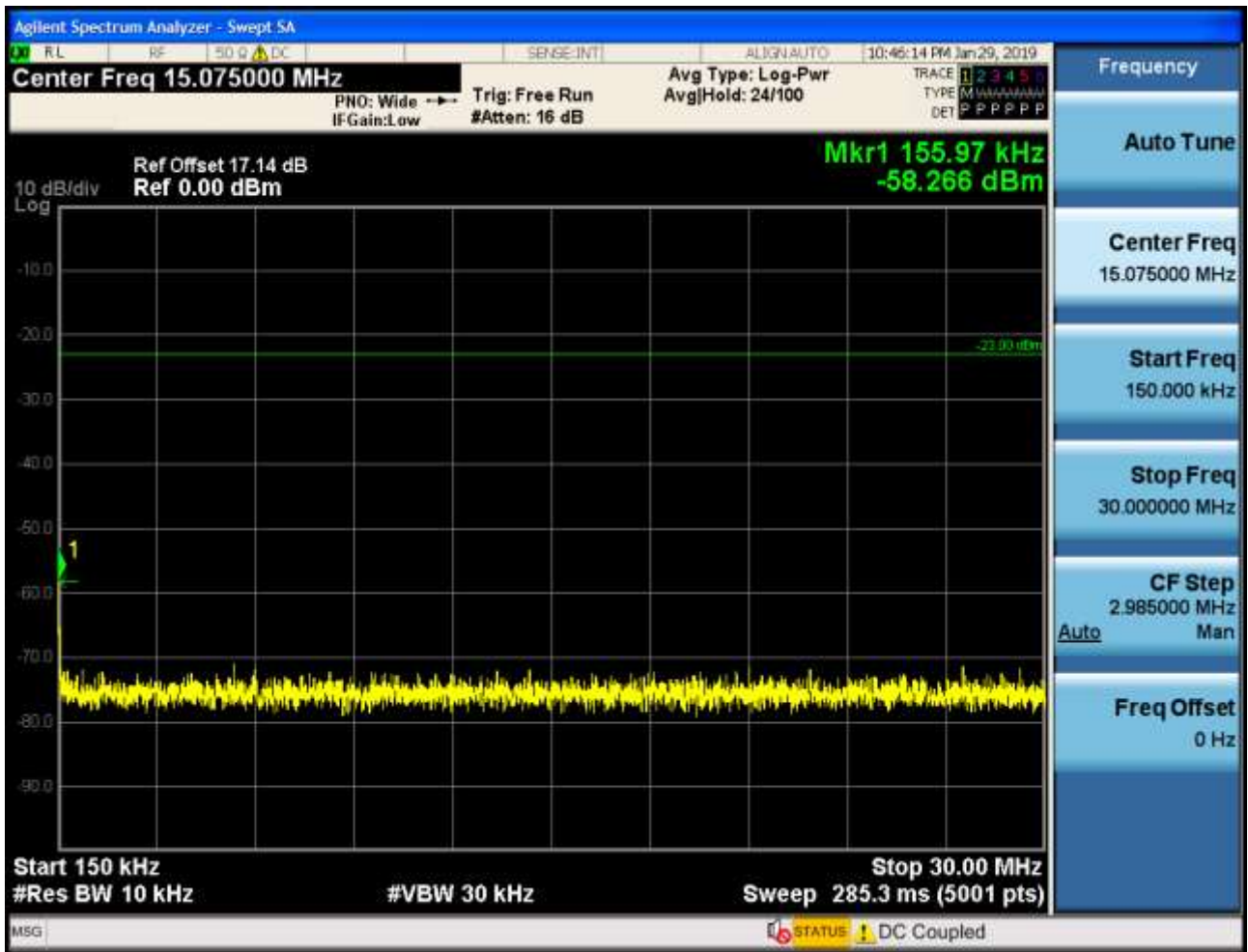


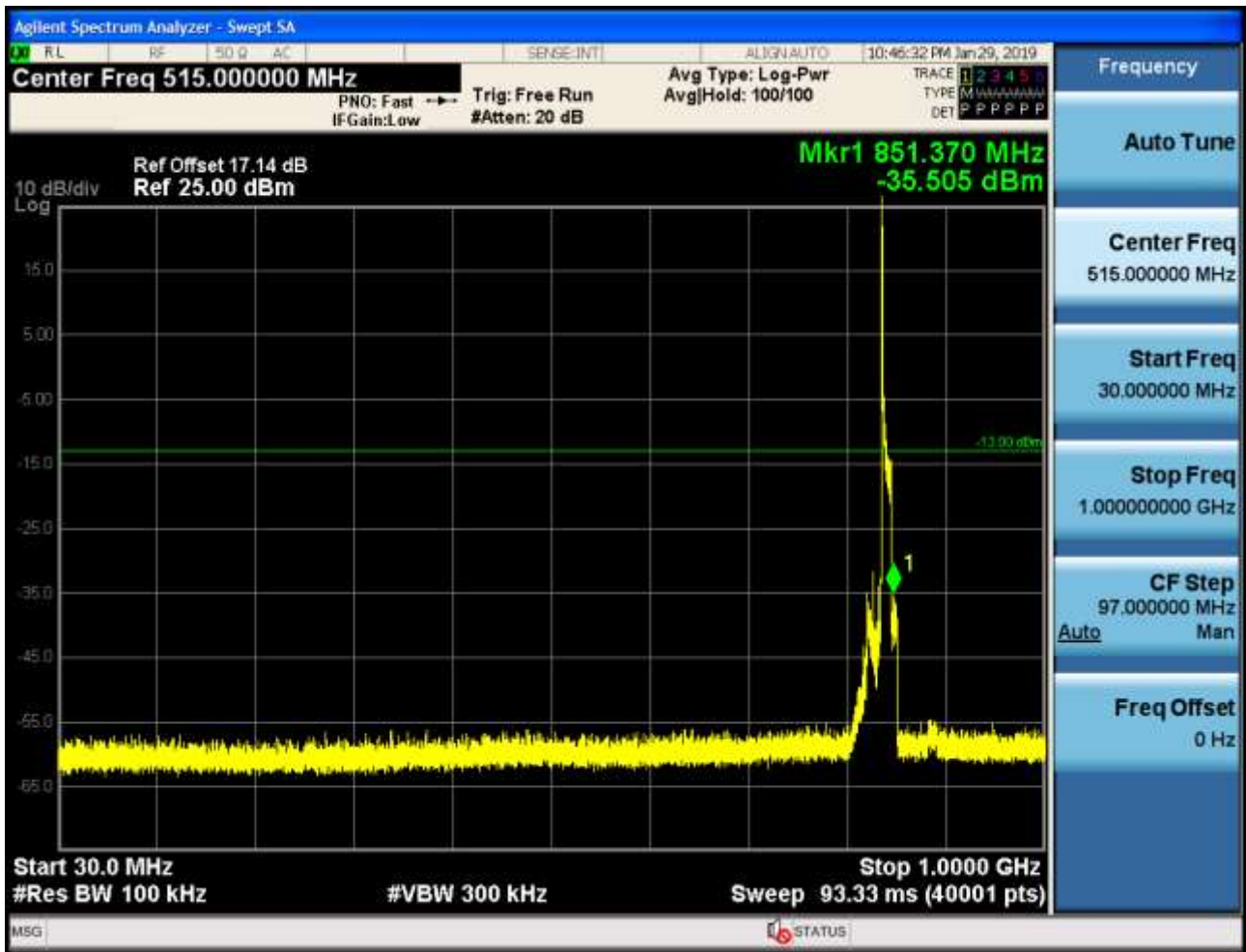


6.2.1.2.4.3 Test Channel = HCH

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

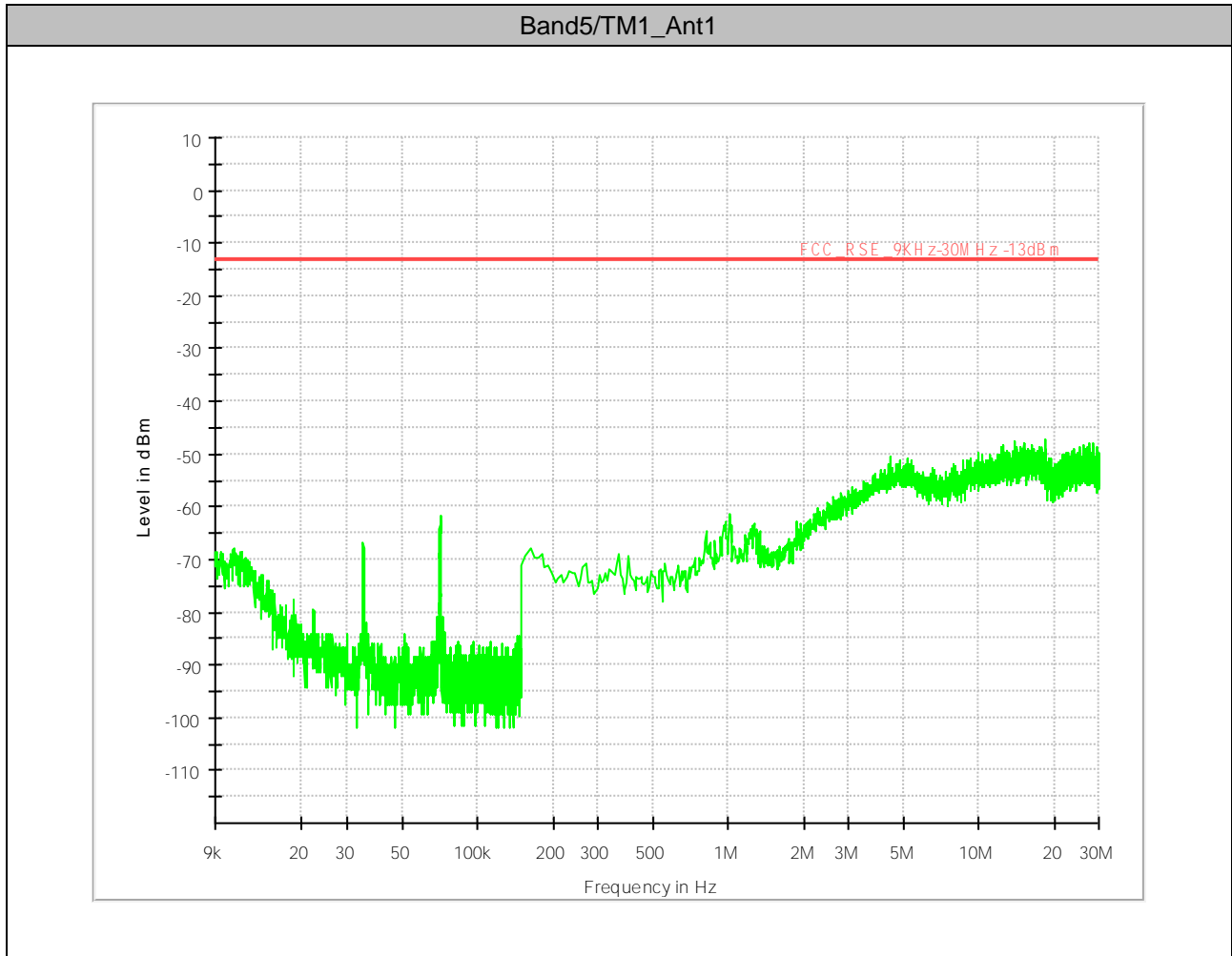
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz Detector: PK

Part I - Test Plots

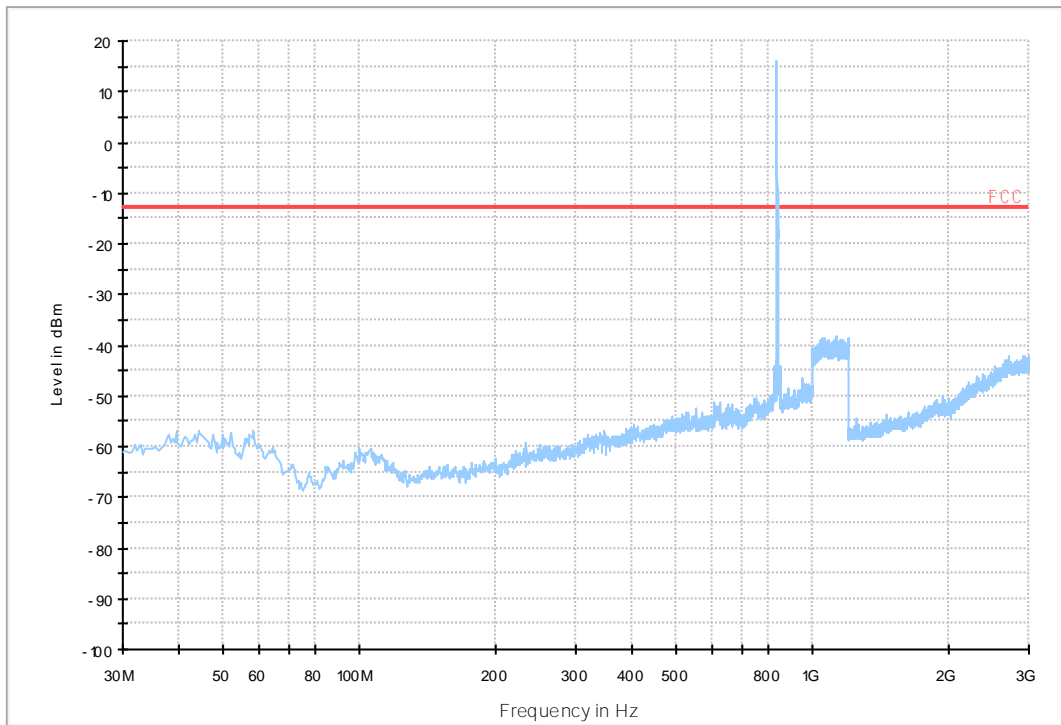
7.1 For LTE

7.1.1 Test Band = Band5

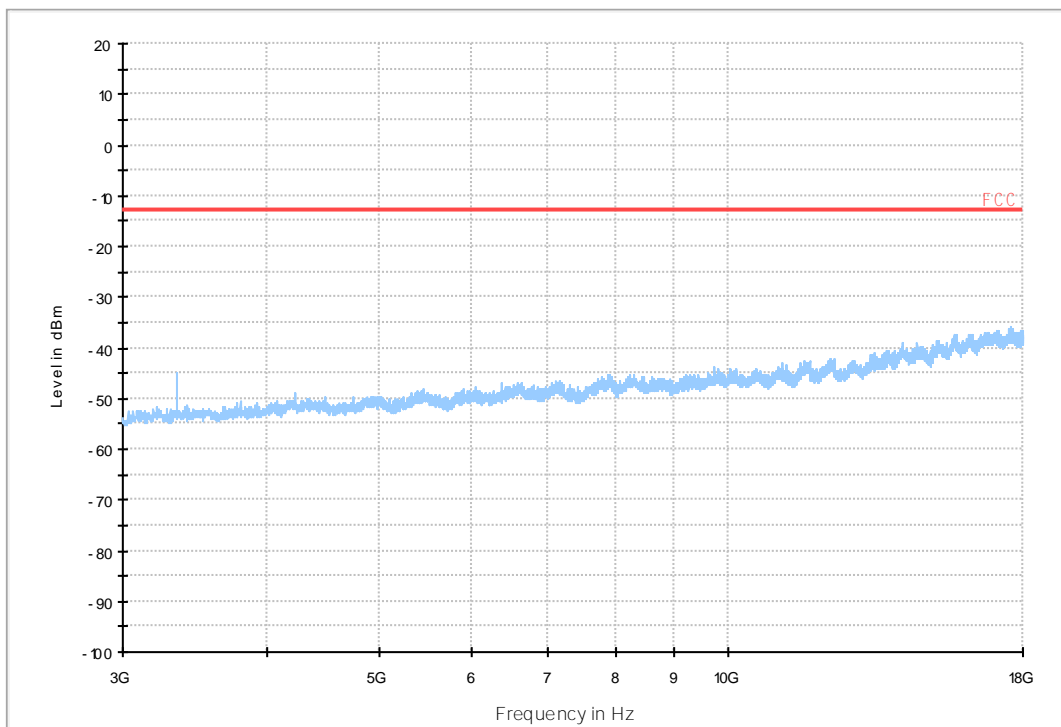
7.1.1.1 Test Bandwidth = 1.4



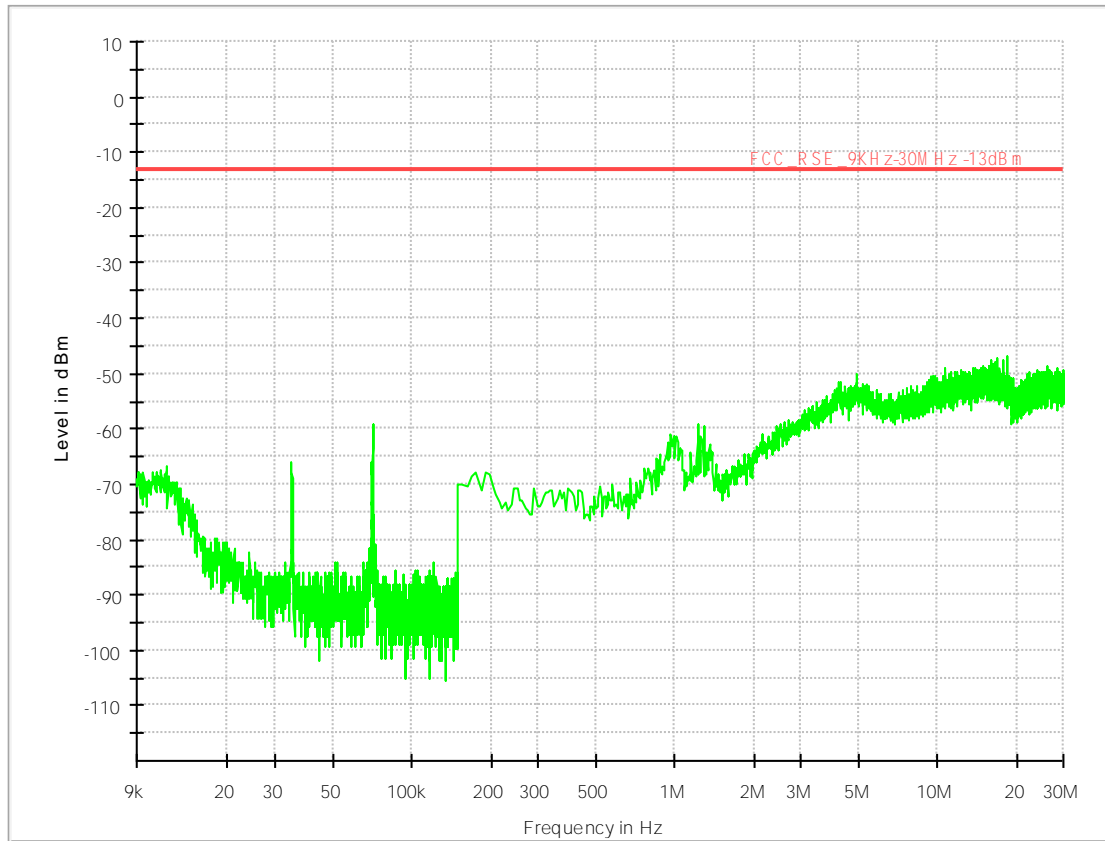
LT E FDD R SE-TX-DIRECTOR BELOW 1G_L



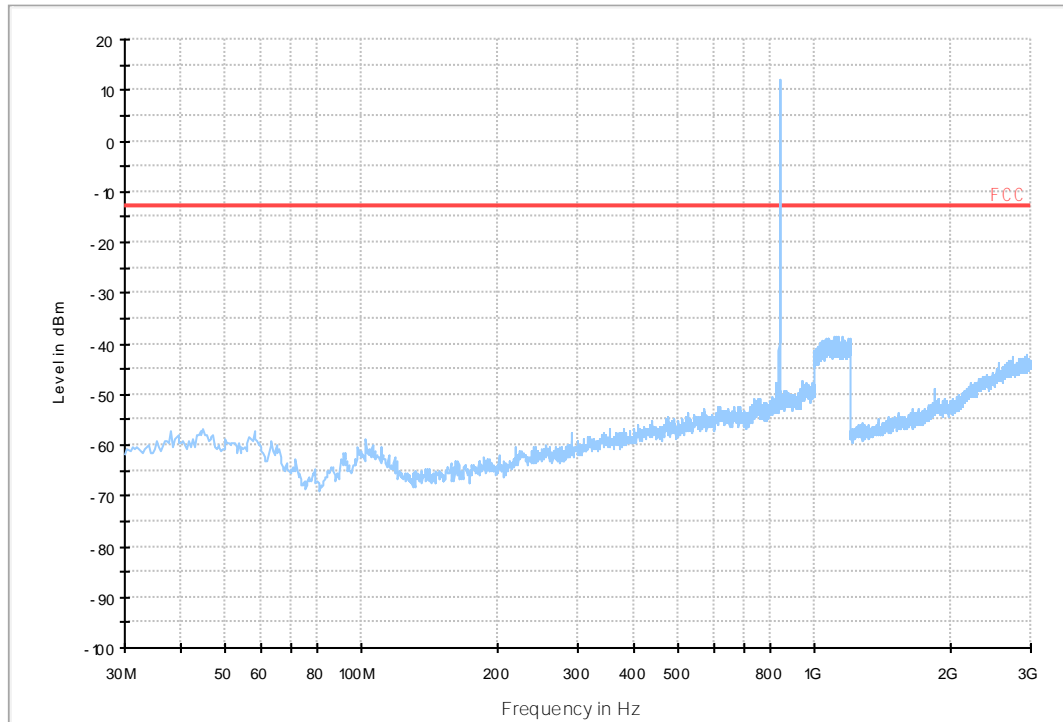
LT E FDD R SE-TX-DIRECTOR BELOW 1G_H

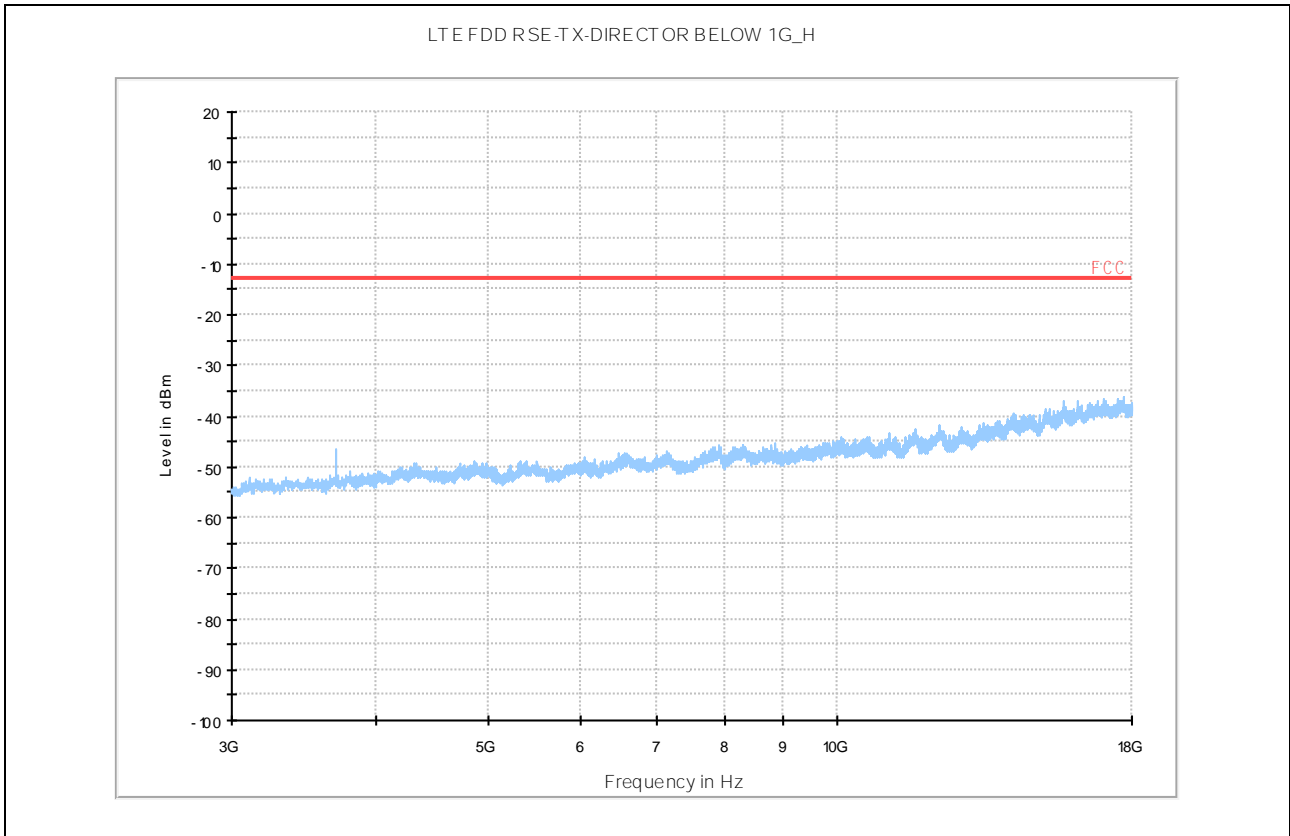


Band5/TM1_Ant2

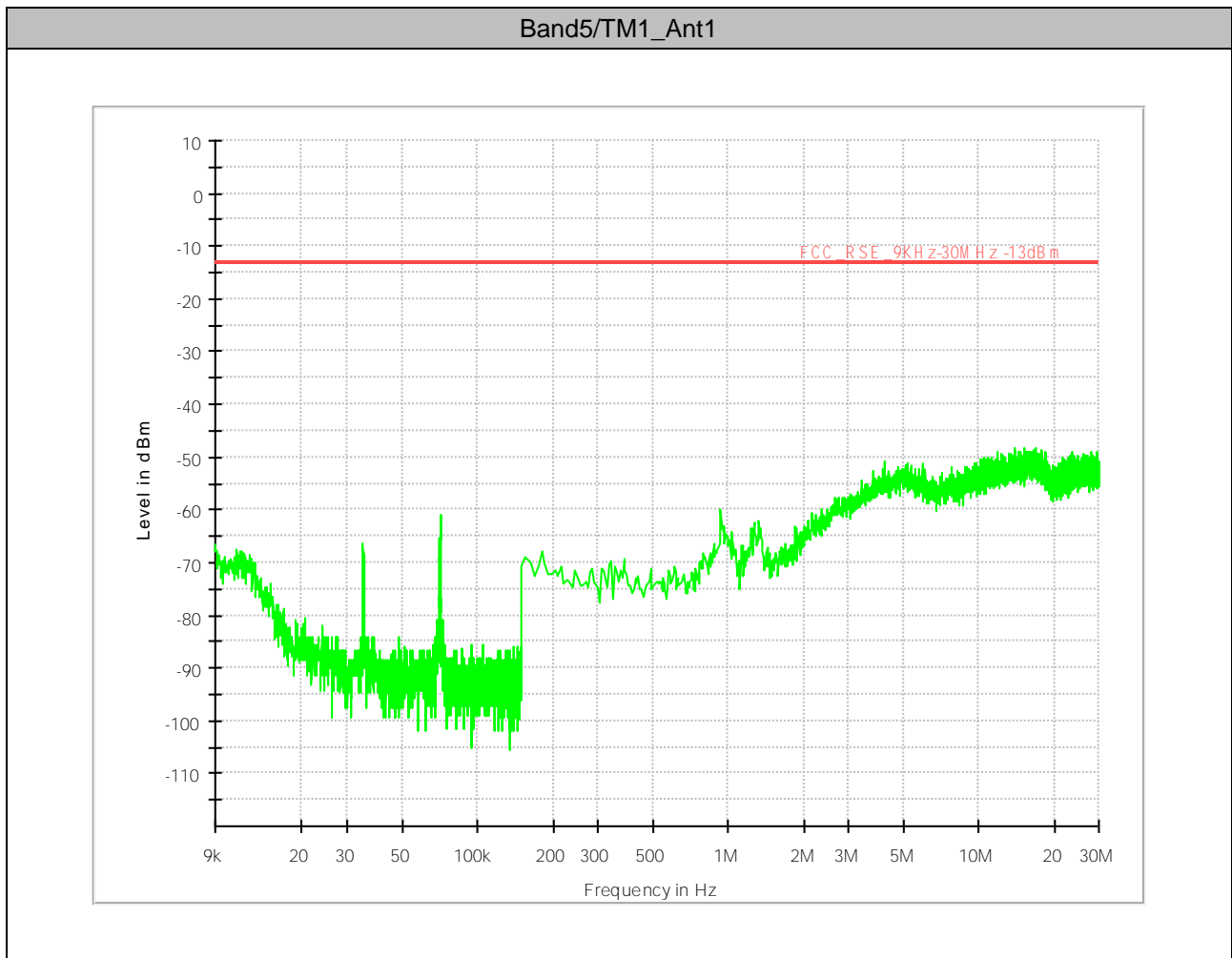


LTE FDD RSE-TX-DIRECT OR BELOW 1G_L

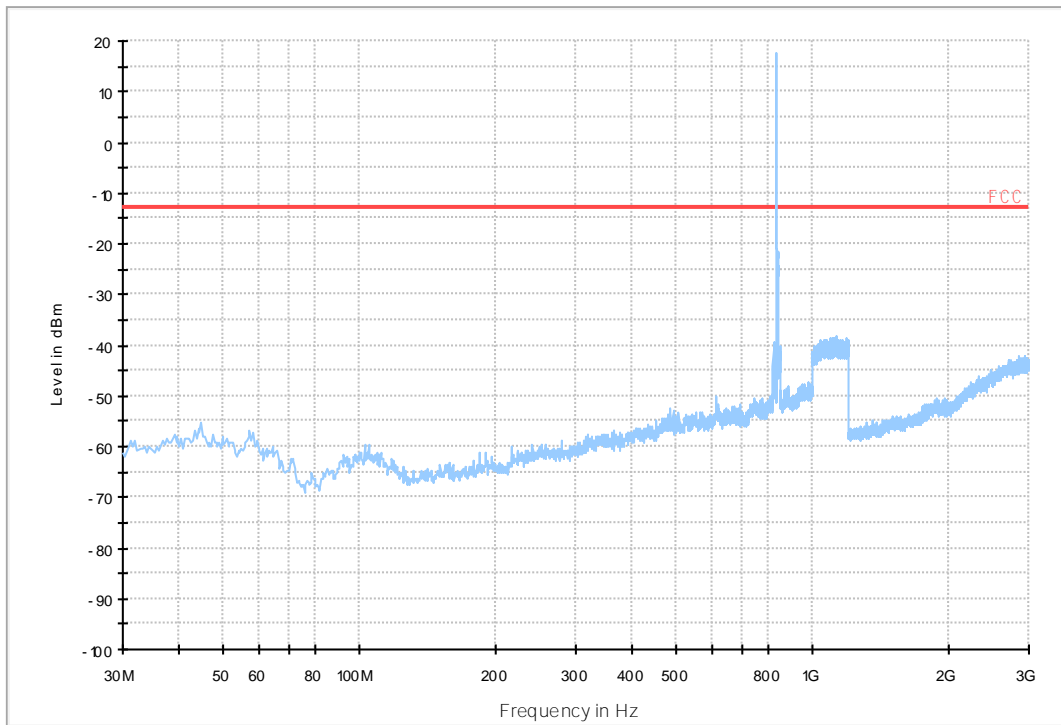




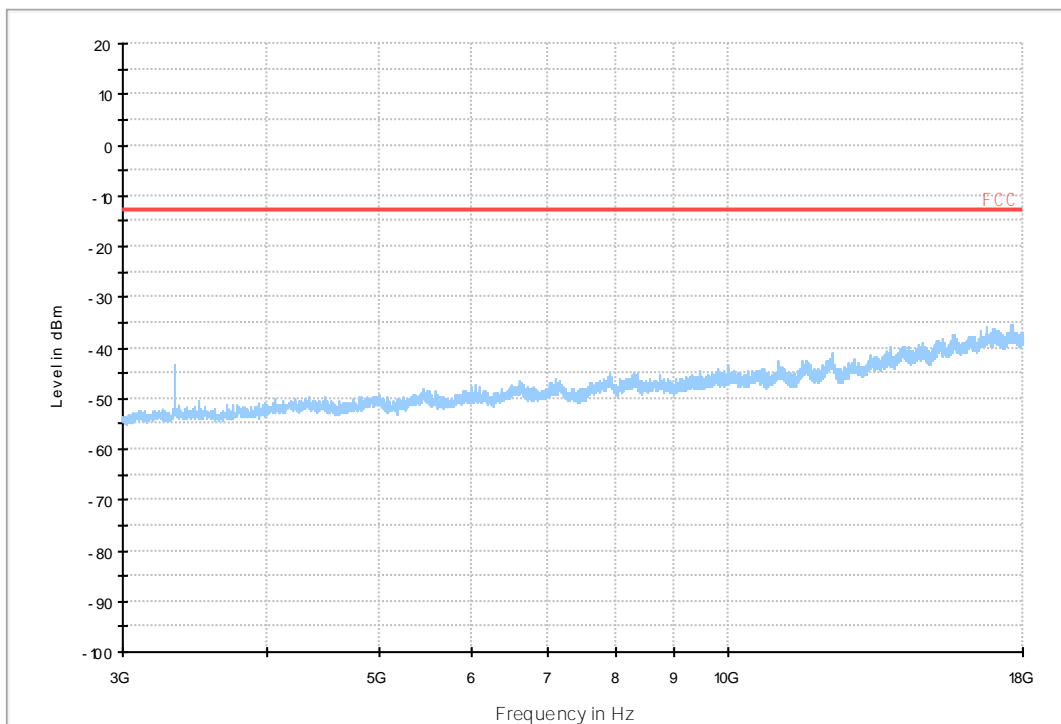
7.1.1.2 Test Bandwidth = 10



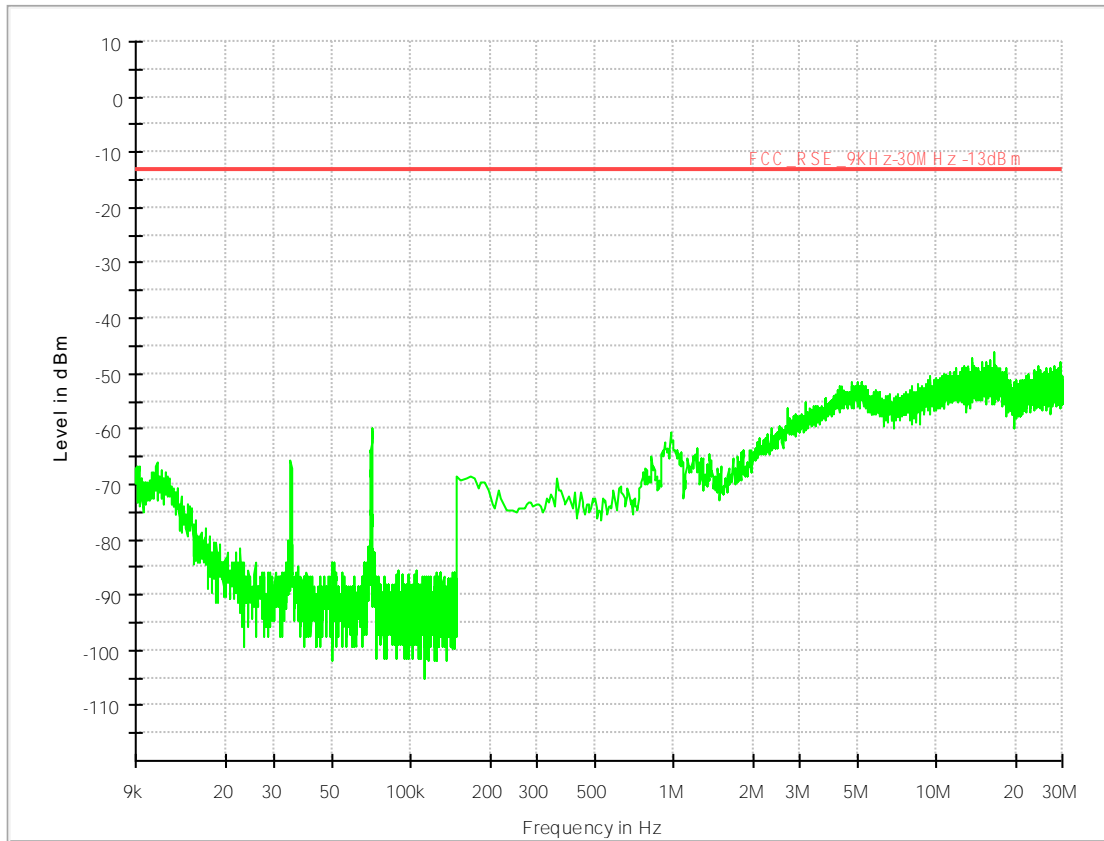
LT E FDD R SE-TX-DIRECTOR BELOW 1G_L



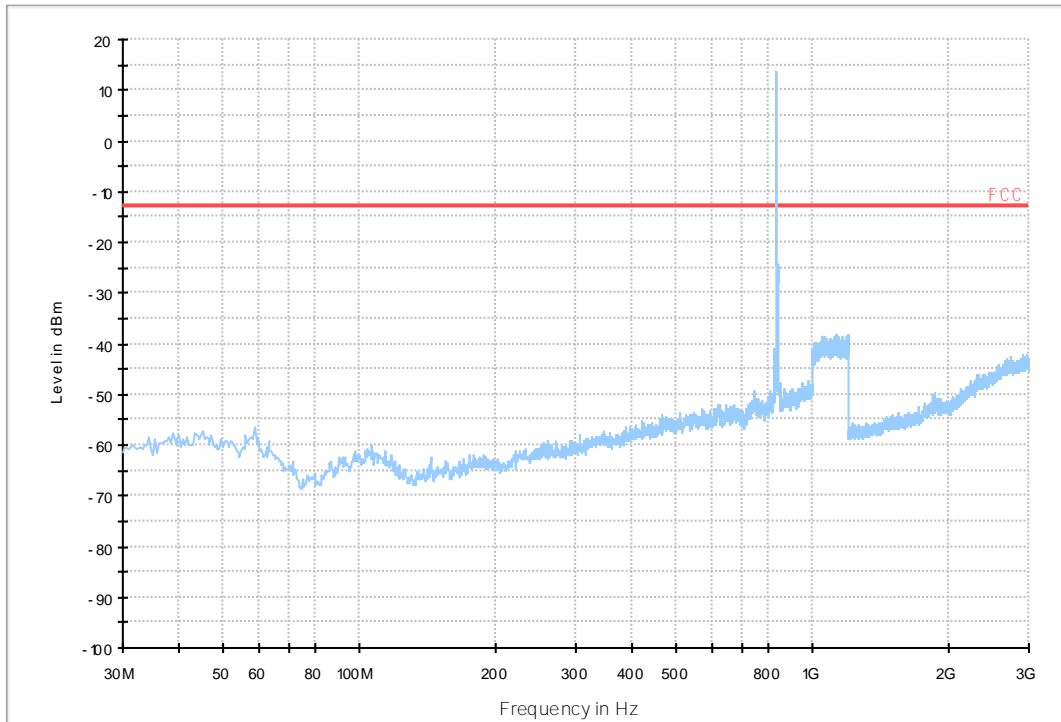
LT E FDD R SE-TX-DIRECTOR BELOW 1G_H

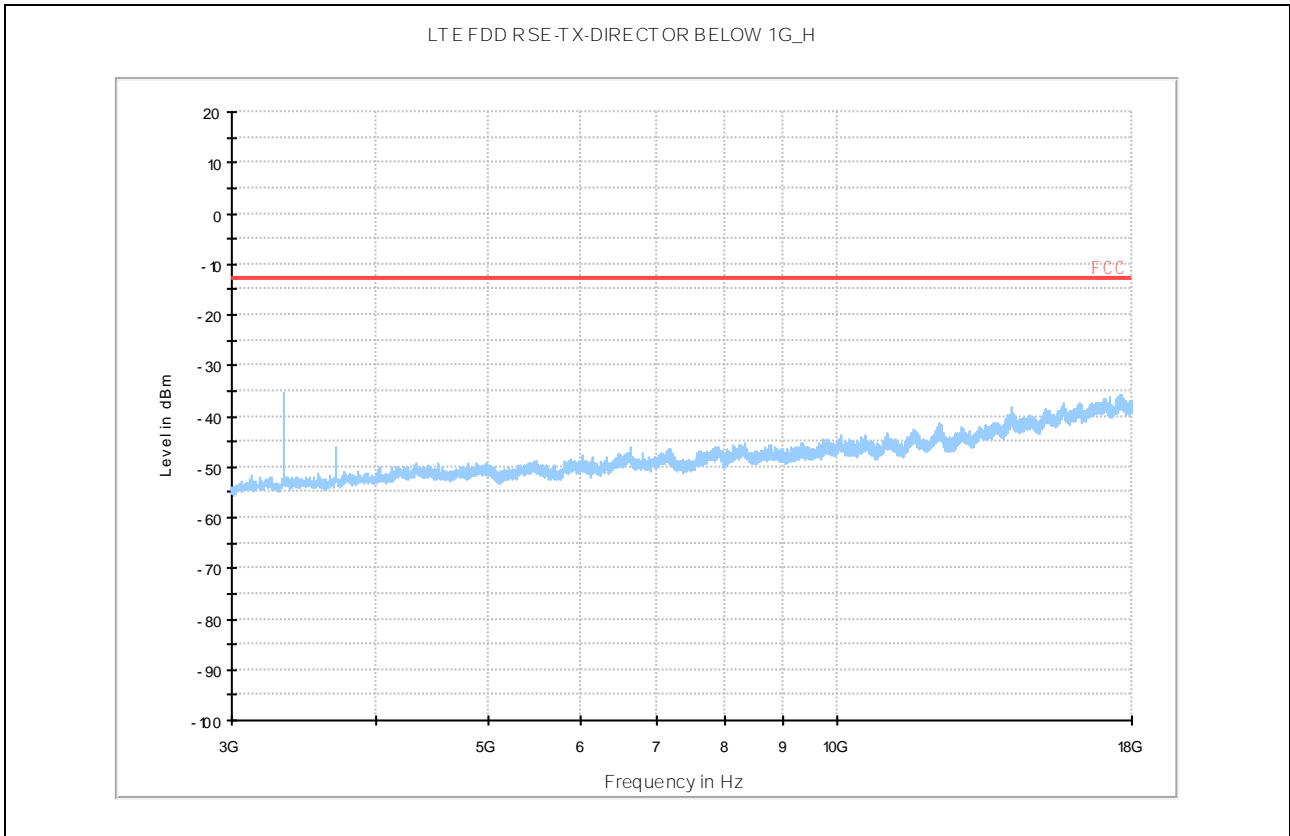


Band5/TM1_Ant2



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
Band5	LTE/TM1	1.4	LCH	TN	VL	23.71788	0.02876	PASS
					VN	-4.54903	-0.00552	PASS
					VH	-1.11580	-0.00135	PASS
			MCH	TN	VL	-9.49860	-0.01136	PASS
					VN	12.64572	0.01512	PASS
					VH	6.32286	0.00756	PASS
			HCH	TN	VL	-32.44400	-0.03825	PASS
					VN	-4.14848	-0.00489	PASS
					VH	-11.40118	-0.01344	PASS
		3	LCH	TN	VL	-1.41621	-0.00172	PASS
					VN	-3.50475	-0.00425	PASS
					VH	-2.60353	-0.00315	PASS
			MCH	TN	VL	3.64780	0.00436	PASS
					VN	8.98361	0.01074	PASS
					VH	-5.00679	-0.00599	PASS
			HCH	TN	VL	-13.23223	-0.01561	PASS
					VN	-6.02245	-0.00711	PASS
					VH	0.74387	0.00088	PASS
		5	LCH	TN	VL	-1.74522	-0.00211	PASS
					VN	-8.19683	-0.00992	PASS
					VH	-6.96659	-0.00843	PASS
			MCH	TN	VL	3.86238	0.00462	PASS
					VN	-2.47478	-0.00296	PASS
					VH	-1.70231	-0.00204	PASS
			HCH	TN	VL	-7.92503	-0.00936	PASS
					VN	-2.67506	-0.00316	PASS
					VH	-11.64436	-0.01376	PASS
		10	LCH	TN	VL	-0.50068	-0.00060	PASS
					VN	-1.21593	-0.00147	PASS
					VH	-0.54359	-0.00066	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2		MCH	TN	VL	1.47343	0.00176	PASS
					VN	-0.85831	-0.00103	PASS
					VH	2.98977	0.00357	PASS
			HCH	TN	VL	-18.15319	-0.02151	PASS
					VN	-1.08719	-0.00129	PASS
					VH	-17.25197	-0.02044	PASS
		1.4	LCH	TN	VL	-9.95636	-0.01207	PASS
					VN	-10.35690	-0.01256	PASS
					VH	8.25405	0.01001	PASS
			MCH	TN	VL	3.99113	0.00477	PASS
					VN	14.07623	0.01683	PASS
					VH	-4.17709	-0.00499	PASS
			HCH	TN	VL	-28.98216	-0.03416	PASS
					VN	5.47886	0.00646	PASS
					VH	-12.48837	-0.01472	PASS
		3	LCH	TN	VL	2.78950	0.00338	PASS
					VN	0.00000	0.00000	PASS
					VH	-0.92983	-0.00113	PASS
			MCH	TN	VL	-13.07487	-0.01563	PASS
					VN	5.66483	0.00677	PASS
					VH	6.90937	0.00826	PASS
			HCH	TN	VL	-5.43594	-0.00641	PASS
					VN	-8.03947	-0.00949	PASS
					VH	-12.80308	-0.01511	PASS
		5	LCH	TN	VL	4.63486	0.00561	PASS
					VN	-3.29018	-0.00398	PASS
					VH	-2.33173	-0.00282	PASS
			MCH	TN	VL	4.30584	0.00515	PASS
					VN	4.82082	0.00576	PASS
					VH	0.52929	0.00063	PASS
			HCH	TN	VL	-12.63142	-0.01492	PASS
					VN	14.29081	0.01688	PASS
					VH	-18.56804	-0.02194	PASS
		10	LCH	TN	VL	1.55926	0.00188	PASS
					VN	1.63078	0.00197	PASS
					VH	-0.34332	-0.00041	PASS
			MCH	TN	VL	5.55039	0.00664	PASS
					VN	2.34604	0.00280	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	1.43051	0.00171	PASS
			HCH	TN	VL	-15.96451	-0.01892	PASS
					VN	-1.04427	-0.00124	PASS
					VH	-16.15047	-0.01914	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	14.36234	0.01742	PASS
					-20	3.00407	0.00364	PASS
					-10	2.24590	0.00272	PASS
					0	-2.28882	-0.00278	PASS
					10	-6.50883	-0.00789	PASS
					20	-4.54903	-0.00552	PASS
					30	0.51498	0.00062	PASS
					40	16.35075	0.01983	PASS
					50	-5.47886	-0.00664	PASS
			MCH	VN	-30	-4.84943	-0.00580	PASS
					-20	-13.50403	-0.01614	PASS
					-10	12.13074	0.01450	PASS
					0	-8.45432	-0.01011	PASS
					10	15.73563	0.01881	PASS
					20	12.64572	0.01512	PASS
					30	-14.80579	-0.01770	PASS
					40	-0.01431	-0.00002	PASS
					50	16.89434	0.02020	PASS
		HCH	VN	-30	14.77718	0.01742	PASS	
				-20	-34.00326	-0.04008	PASS	
				-10	7.20978	0.00850	PASS	
				0	-18.96858	-0.02236	PASS	
				10	-18.89706	-0.02228	PASS	
				20	-4.14848	-0.00489	PASS	
				30	17.83848	0.02103	PASS	
				40	16.30783	0.01922	PASS	
				50	10.24246	0.01207	PASS	
3	LCH	VN	-30	-2.60353	-0.00315	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	-3.44753	-0.00418	PASS	
					-10	-9.78470	-0.01185	PASS	
					0	-4.27723	-0.00518	PASS	
					10	-5.26428	-0.00638	PASS	
					20	-3.50475	-0.00425	PASS	
					30	-3.79086	-0.00459	PASS	
					40	-2.66075	-0.00322	PASS	
					50	-5.80788	-0.00704	PASS	
			MCH	VN	-30	-3.70503	-0.00443	PASS	
					-20	-4.17709	-0.00499	PASS	
					-10	-4.79221	-0.00573	PASS	
					0	-9.35554	-0.01118	PASS	
					10	2.44618	0.00292	PASS	
					20	8.98361	0.01074	PASS	
					30	0.77248	0.00092	PASS	
					40	2.86102	0.00342	PASS	
			HCH	VN	-30	-32.25803	-0.03806	PASS	
					-20	-5.32150	-0.00628	PASS	
					-10	-7.65324	-0.00903	PASS	
					0	-6.78062	-0.00800	PASS	
					10	21.54350	0.02542	PASS	
					20	-6.02245	-0.00711	PASS	
					30	-18.55373	-0.02189	PASS	
					40	-11.98769	-0.01414	PASS	
			5	LCH	VN	-30	-2.44618	-0.00296	PASS
						-20	-6.76632	-0.00819	PASS
						-10	-2.97546	-0.00360	PASS
						0	-6.56605	-0.00794	PASS
						10	-1.60217	-0.00194	PASS
						20	-8.19683	-0.00992	PASS
						30	-8.41141	-0.01018	PASS
						40	-9.46999	-0.01146	PASS
						50	-1.88827	-0.00228	PASS
						MCH	VN	-30	-0.60081
			-20	-6.03676	-0.00722			PASS	
			-10	-3.76225	-0.00450			PASS	
0	-6.52313	-0.00780	PASS						



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					10	-3.46184	-0.00414	PASS			
					20	-2.47478	-0.00296	PASS			
					30	-7.73907	-0.00925	PASS			
					40	-1.27316	-0.00152	PASS			
					50	-0.52929	-0.00063	PASS			
			HCH	VN				-30	-3.17573	-0.00375	PASS
								-20	-5.53608	-0.00654	PASS
								-10	-11.18660	-0.01322	PASS
								0	-6.43730	-0.00760	PASS
								10	-0.48637	-0.00057	PASS
								20	-2.67506	-0.00316	PASS
								30	1.05858	0.00125	PASS
								40	-0.72956	-0.00086	PASS
								50	-0.75817	-0.00090	PASS
								LCH	VN		
			-20	-5.87940	-0.00709	PASS					
			-10	-6.83784	-0.00825	PASS					
			0	-5.02109	-0.00606	PASS					
			10	-4.03404	-0.00487	PASS					
			20	-1.21593	-0.00147	PASS					
		30	-4.72069	-0.00569	PASS						
		40	-6.68049	-0.00806	PASS						
		50	-7.22408	-0.00871	PASS						
		MCH	VN				-30				
							-20	-0.50068	-0.00060	PASS	
							-10	-4.01974	-0.00481	PASS	
							0	-0.78678	-0.00094	PASS	
							10	-3.61919	-0.00433	PASS	
							20	-0.85831	-0.00103	PASS	
							30	-7.89642	-0.00944	PASS	
							40	0.71526	0.00086	PASS	
							50	-0.75817	-0.00091	PASS	
							HCH	VN			
		-20	-23.20290	-0.02749	PASS						
		-10	-16.55102	-0.01961	PASS						
		0	-0.14305	-0.00017	PASS						
		10	-4.94957	-0.00586	PASS						
		20	-1.08719	-0.00129	PASS						
		30	-7.45296	-0.00883	PASS						
				10			-30	-9.32694	-0.01125	PASS	
-20	-5.87940						-0.00709	PASS			
-10	-6.83784						-0.00825	PASS			
0	-5.02109						-0.00606	PASS			
10	-4.03404						-0.00487	PASS			
20	-1.21593						-0.00147	PASS			
30	-4.72069						-0.00569	PASS			
40	-6.68049						-0.00806	PASS			
50	-7.22408						-0.00871	PASS			
-30	1.68800						0.00202	PASS			
-20	-0.50068	-0.00060	PASS								
-10	-4.01974	-0.00481	PASS								
0	-0.78678	-0.00094	PASS								
10	-3.61919	-0.00433	PASS								
20	-0.85831	-0.00103	PASS								
30	-7.89642	-0.00944	PASS								
40	0.71526	0.00086	PASS								
50	-0.75817	-0.00091	PASS								
-30	11.67297	0.01383	PASS								
-20	-23.20290	-0.02749	PASS								
-10	-16.55102	-0.01961	PASS								
0	-0.14305	-0.00017	PASS								
10	-4.94957	-0.00586	PASS								
20	-1.08719	-0.00129	PASS								
30	-7.45296	-0.00883	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	40	4.77791	0.00566	PASS
					50	6.22272	0.00737	PASS
					-30	9.89914	0.01200	PASS
					-20	6.19412	0.00751	PASS
					-10	-12.97474	-0.01573	PASS
					0	9.41277	0.01141	PASS
					10	14.49108	0.01757	PASS
					20	-10.35690	-0.01256	PASS
					30	10.49995	0.01273	PASS
			40	9.67026	0.01173	PASS		
			50	3.03268	0.00368	PASS		
			MCH	VN	-30	-13.58986	-0.01625	PASS
					-20	0.41485	0.00050	PASS
					-10	5.06401	0.00605	PASS
					0	2.08855	0.00250	PASS
					10	4.87804	0.00583	PASS
					20	14.07623	0.01683	PASS
					30	2.60353	0.00311	PASS
		40			10.87189	0.01300	PASS	
		50			13.00335	0.01554	PASS	
		HCH	VN	-30	-2.91824	-0.00344	PASS	
				-20	-20.87116	-0.02460	PASS	
				-10	-0.17166	-0.00020	PASS	
				0	-25.63477	-0.03022	PASS	
				10	-32.14359	-0.03789	PASS	
				20	5.47886	0.00646	PASS	
				30	6.10828	0.00720	PASS	
				40	14.30511	0.01686	PASS	
				50	22.88818	0.02698	PASS	
		3	LCH	VN	-30	-2.27451	-0.00276	PASS
					-20	-3.57628	-0.00433	PASS
					-10	-4.43459	-0.00537	PASS
					0	-0.48637	-0.00059	PASS
10	-5.07832				-0.00615	PASS		
20	0.00000				0.00000	PASS		
30	-3.63350				-0.00440	PASS		
40	0.45776				0.00055	PASS		
50	-1.84536				-0.00224	PASS		
MCH	VN		-30	3.50475	0.00419	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	-0.84400	-0.00101	PASS	
					-10	-0.02861	-0.00003	PASS	
					0	-5.75066	-0.00687	PASS	
					10	-2.98977	-0.00357	PASS	
					20	5.66483	0.00677	PASS	
					30	0.71526	0.00086	PASS	
					40	-9.22680	-0.01103	PASS	
					50	6.68049	0.00799	PASS	
			HCH	VN	-30	-47.07813	-0.05555	PASS	
					-20	-14.66274	-0.01730	PASS	
					-10	-13.86166	-0.01636	PASS	
					0	-20.58506	-0.02429	PASS	
					10	14.43386	0.01703	PASS	
					20	-8.03947	-0.00949	PASS	
					30	2.21729	0.00262	PASS	
					40	-3.20435	-0.00378	PASS	
			50	-18.28194	-0.02157	PASS			
			5	LCH	VN	-30	0.24319	0.00029	PASS
						-20	-6.39439	-0.00774	PASS
						-10	-1.21593	-0.00147	PASS
		0				-4.93527	-0.00597	PASS	
		10				-0.58651	-0.00071	PASS	
		20				-3.29018	-0.00398	PASS	
		30				-2.48909	-0.00301	PASS	
		40				-4.86374	-0.00588	PASS	
		50		-0.40054	-0.00048	PASS			
		MCH		VN	-30	0.87261	0.00104	PASS	
					-20	-7.52449	-0.00900	PASS	
					-10	-2.31743	-0.00277	PASS	
					0	1.00136	0.00120	PASS	
					10	-6.83784	-0.00817	PASS	
					20	4.82082	0.00576	PASS	
					30	35.31933	0.04222	PASS	
					40	-3.70503	-0.00443	PASS	
		50		2.27451	0.00272	PASS			
		HCH		VN	-30	-1.84536	-0.00218	PASS	
					-20	-6.09398	-0.00720	PASS	
			-10		-5.82218	-0.00688	PASS		
			0		-6.99520	-0.00826	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	4.79221	0.00566	PASS
					20	14.29081	0.01688	PASS
					30	-1.30177	-0.00154	PASS
					40	-10.42843	-0.01232	PASS
					50	1.23024	0.00145	PASS
			LCH	VN	-30	-2.56062	-0.00309	PASS
					-20	-4.44889	-0.00537	PASS
					-10	-3.81947	-0.00461	PASS
					0	0.21458	0.00026	PASS
					10	0.08583	0.00010	PASS
					20	1.63078	0.00197	PASS
					30	-0.31471	-0.00038	PASS
					40	-1.80244	-0.00217	PASS
					50	-0.42915	-0.00052	PASS
					MCH	VN	-30	2.41756
		-20	-5.46455	-0.00653			PASS	
		-10	-3.34740	-0.00400			PASS	
		0	-0.02861	-0.00003			PASS	
		10	-1.95980	-0.00234			PASS	
		20	2.34604	0.00280			PASS	
		30	-8.88348	-0.01062			PASS	
		40	-0.38624	-0.00046			PASS	
		HCH	VN	50	3.47614	0.00416	PASS	
				-30	11.70158	0.01386	PASS	
				-20	-17.16614	-0.02034	PASS	
				-10	-12.15935	-0.01441	PASS	
				0	3.08990	0.00366	PASS	
				10	0.17166	0.00020	PASS	
				20	-1.04427	-0.00124	PASS	
				30	-5.35011	-0.00634	PASS	
40	4.47750			0.00531	PASS			
50	7.65324	0.00907	PASS					

END