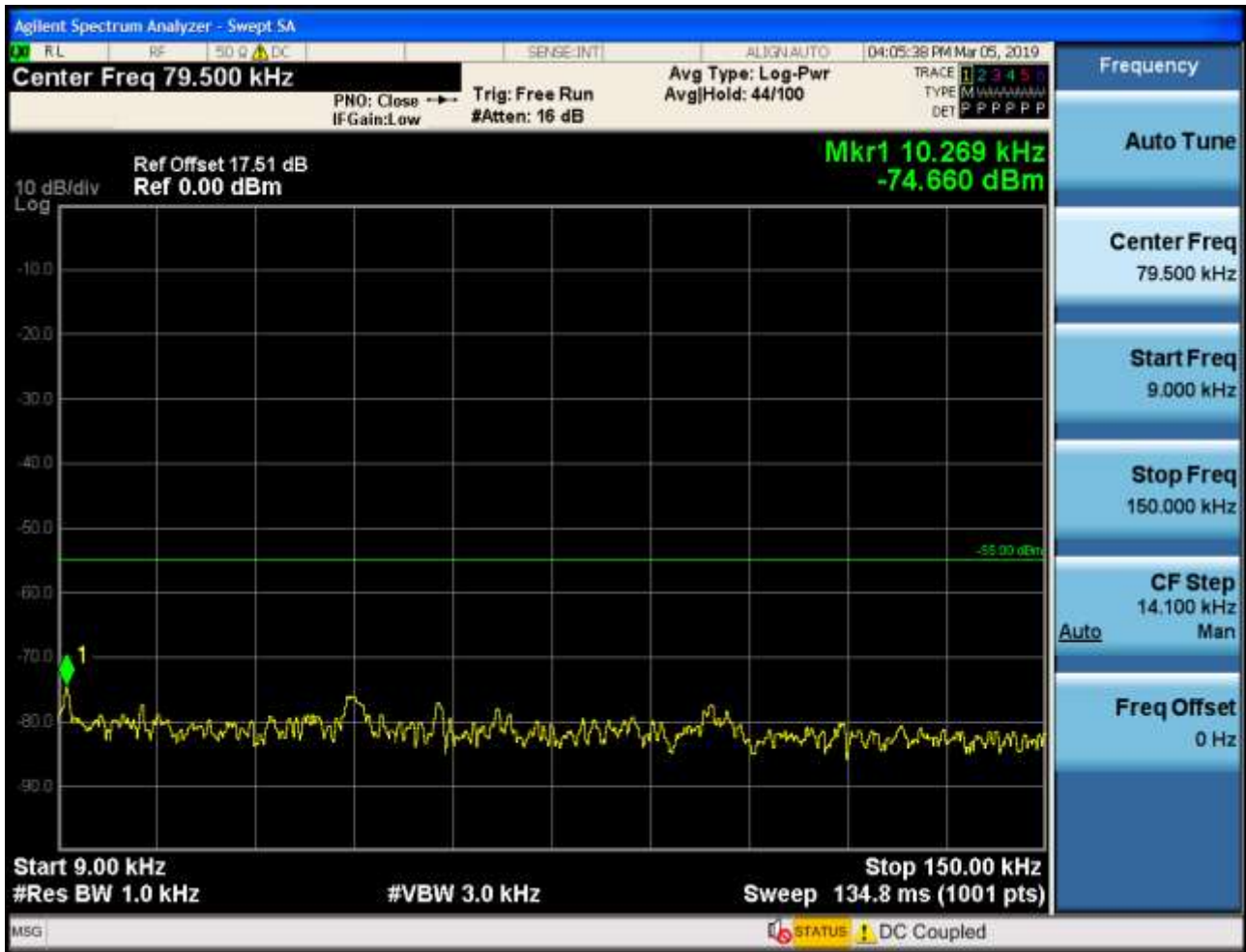
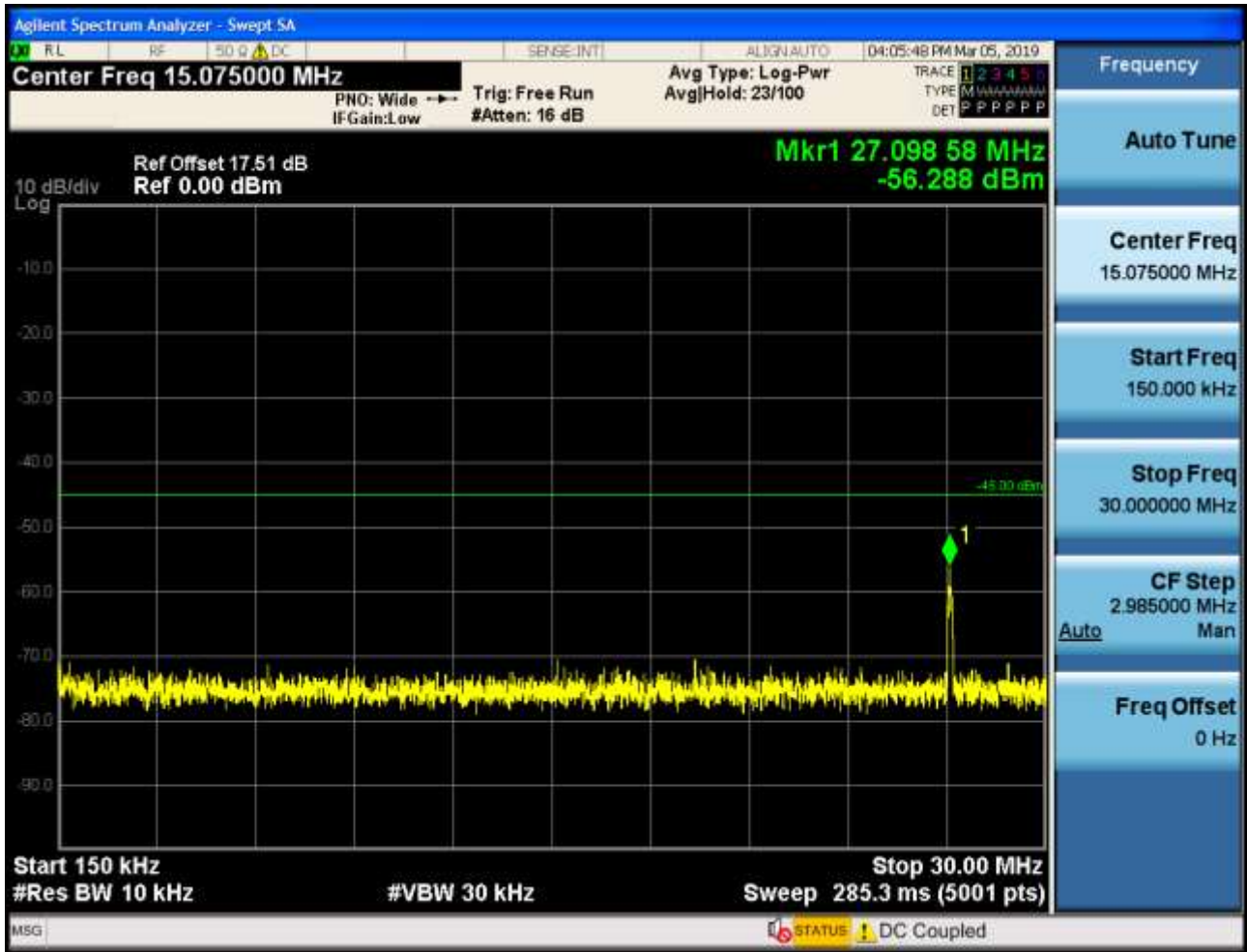
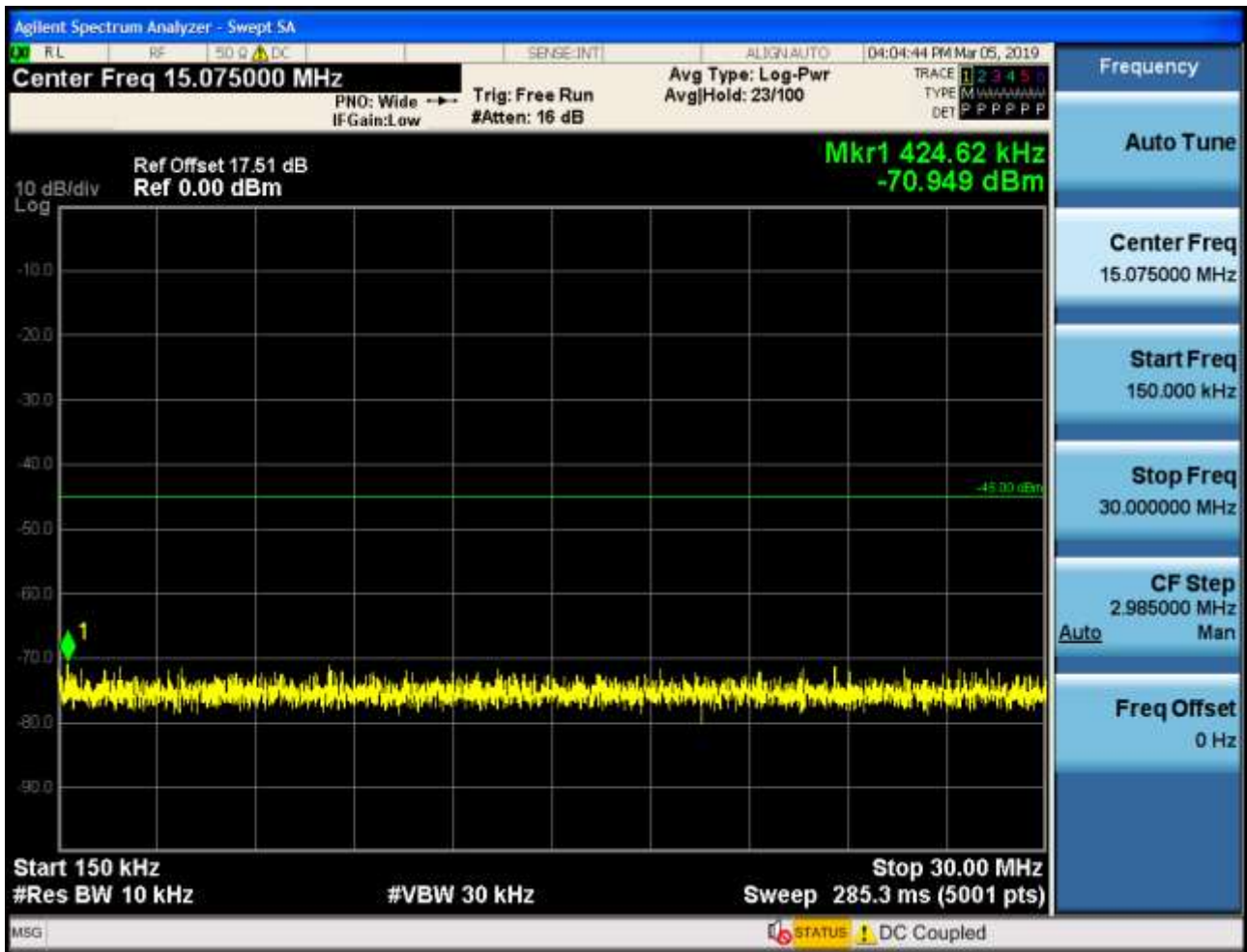


6.2.1.1.3.2 Test Channel = MCH

6.2.1.1.3.2.1 Test RB = RB1#0







6.2.1.1.4 Test Bandwidth = 20

6.2.1.1.4.1 Test Channel = LCH

6.2.1.1.4.1.1 Test RB = RB1#0

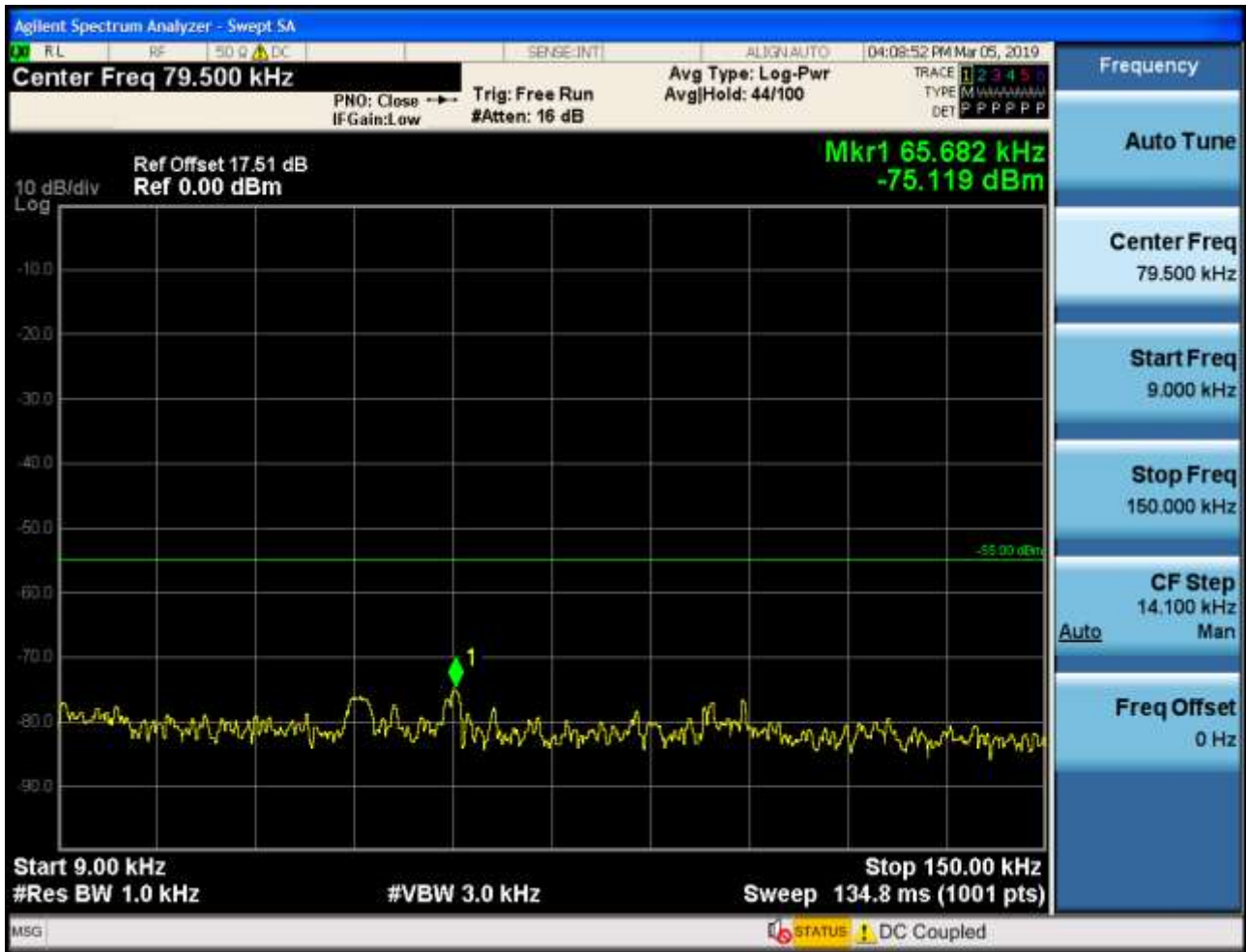






6.2.1.1.4.2 Test Channel = MCH

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







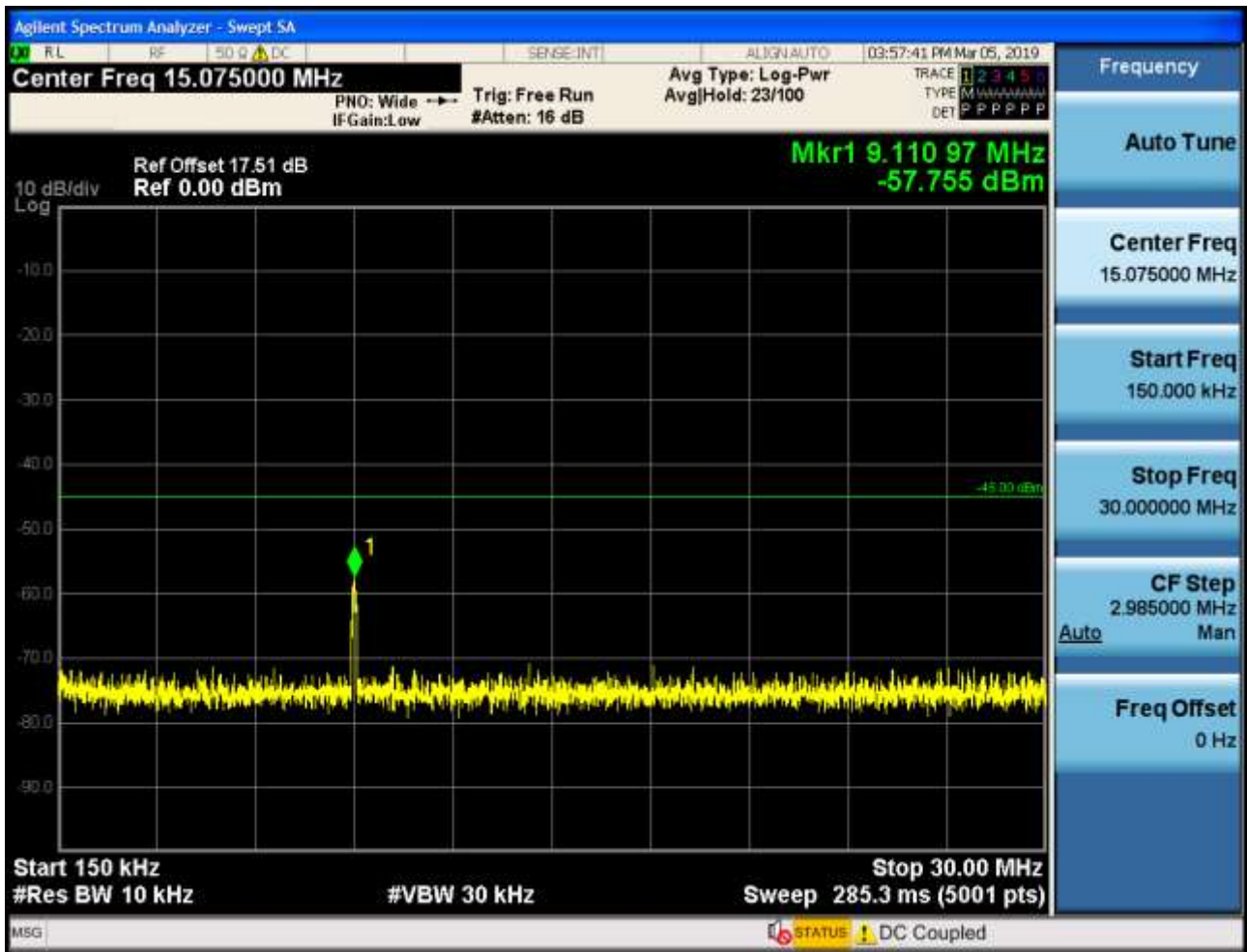
6.2.1.2 Test Mode = LTE/TM2

6.2.1.2.1 Test Bandwidth = 5

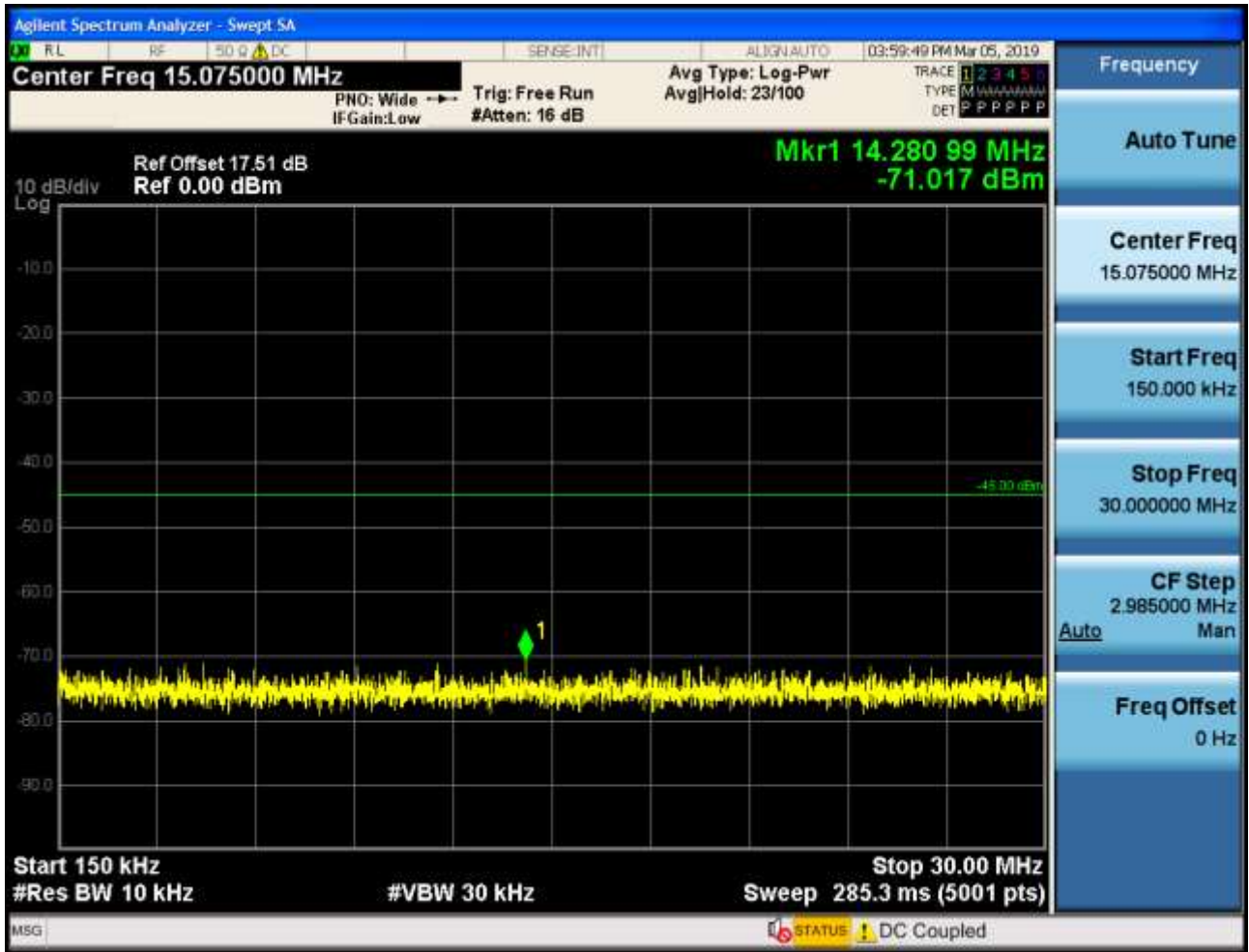
6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 Test RB = RB1#0















6.2.1.2.2 Test Bandwidth = 10

6.2.1.2.2.1 Test Channel = LCH

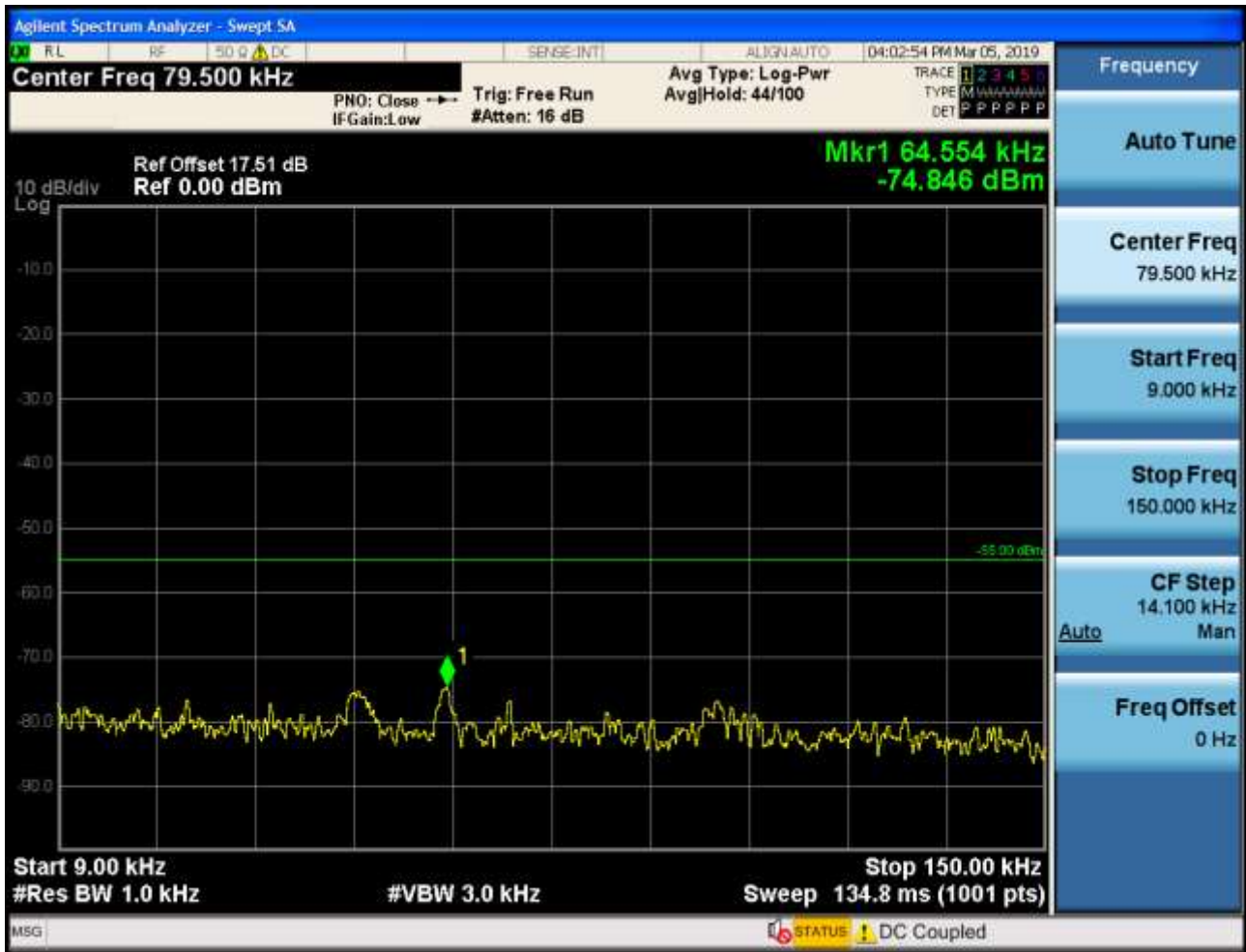
6.2.1.2.2.1.1 Test RB = RB1#0

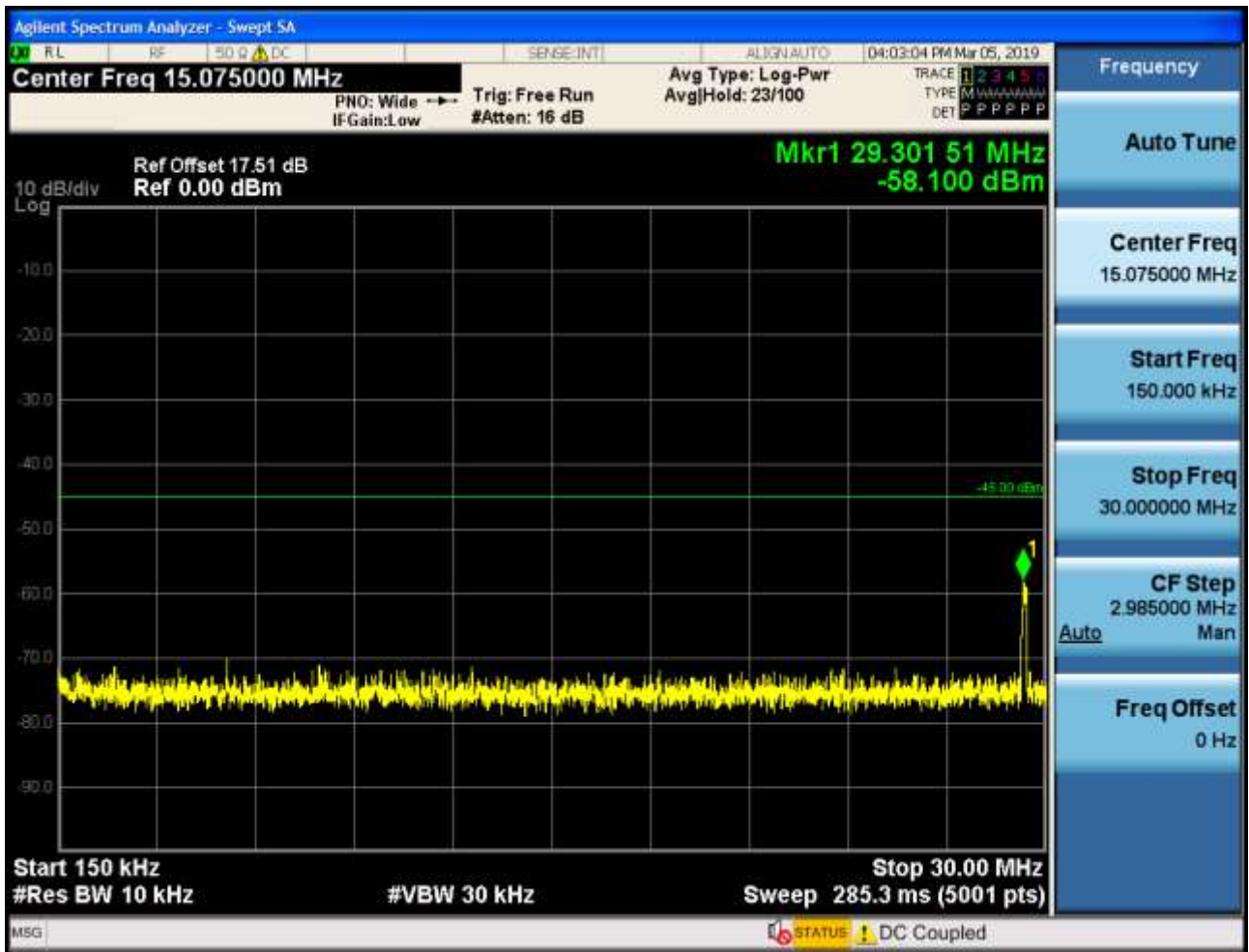




6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.2.1 Test RB = RB1#0

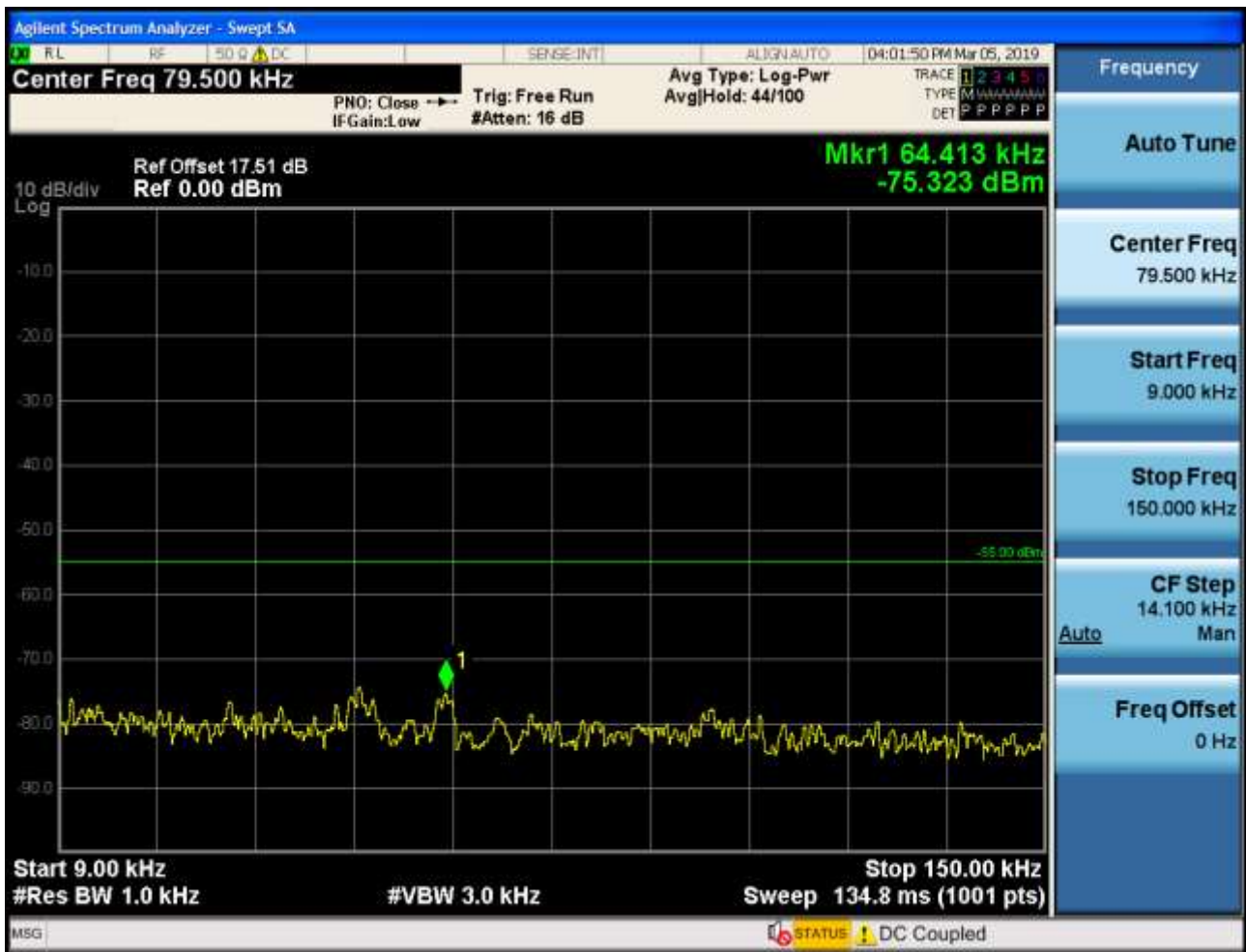






6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0





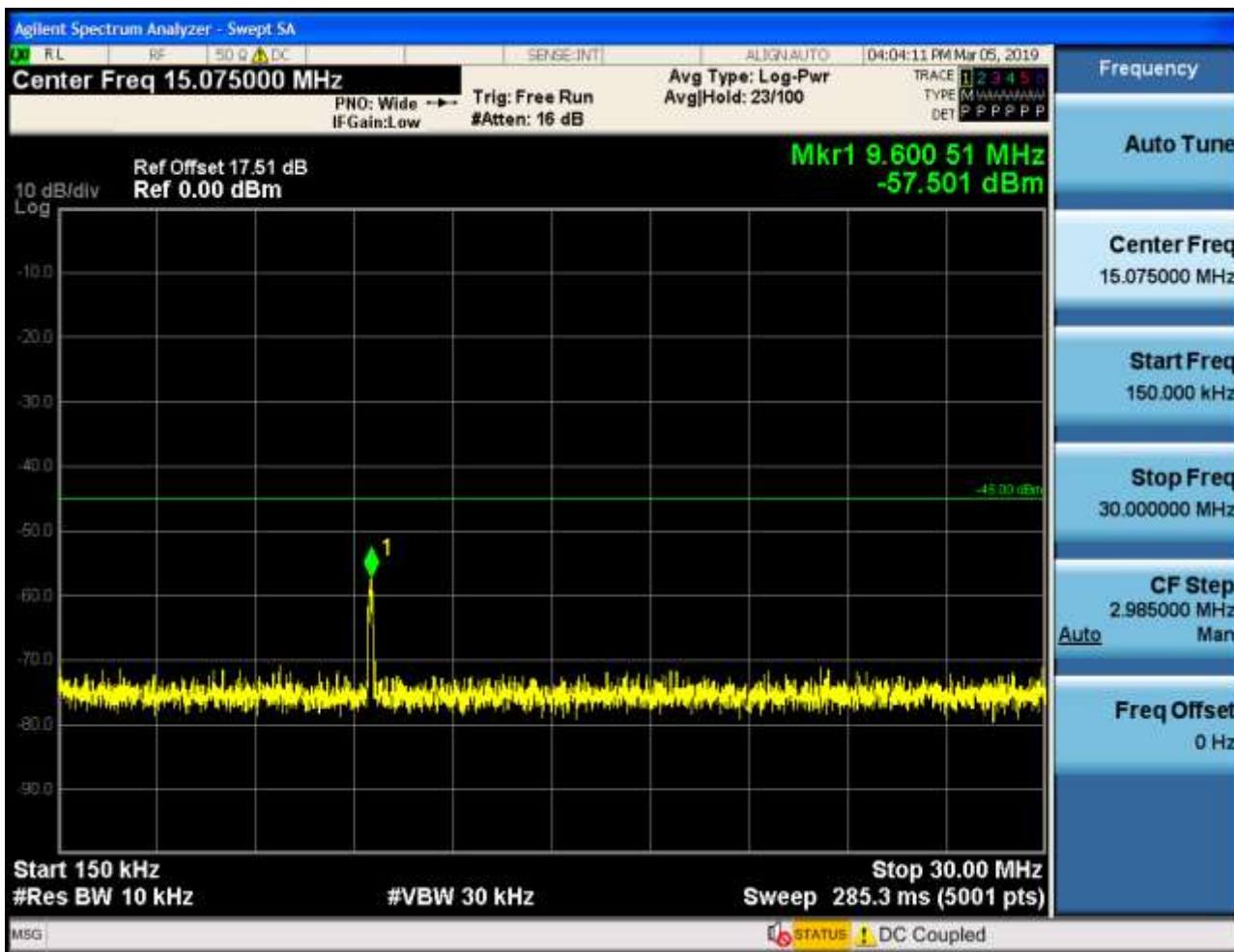


6.2.1.2.3 Test Bandwidth = 15

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0

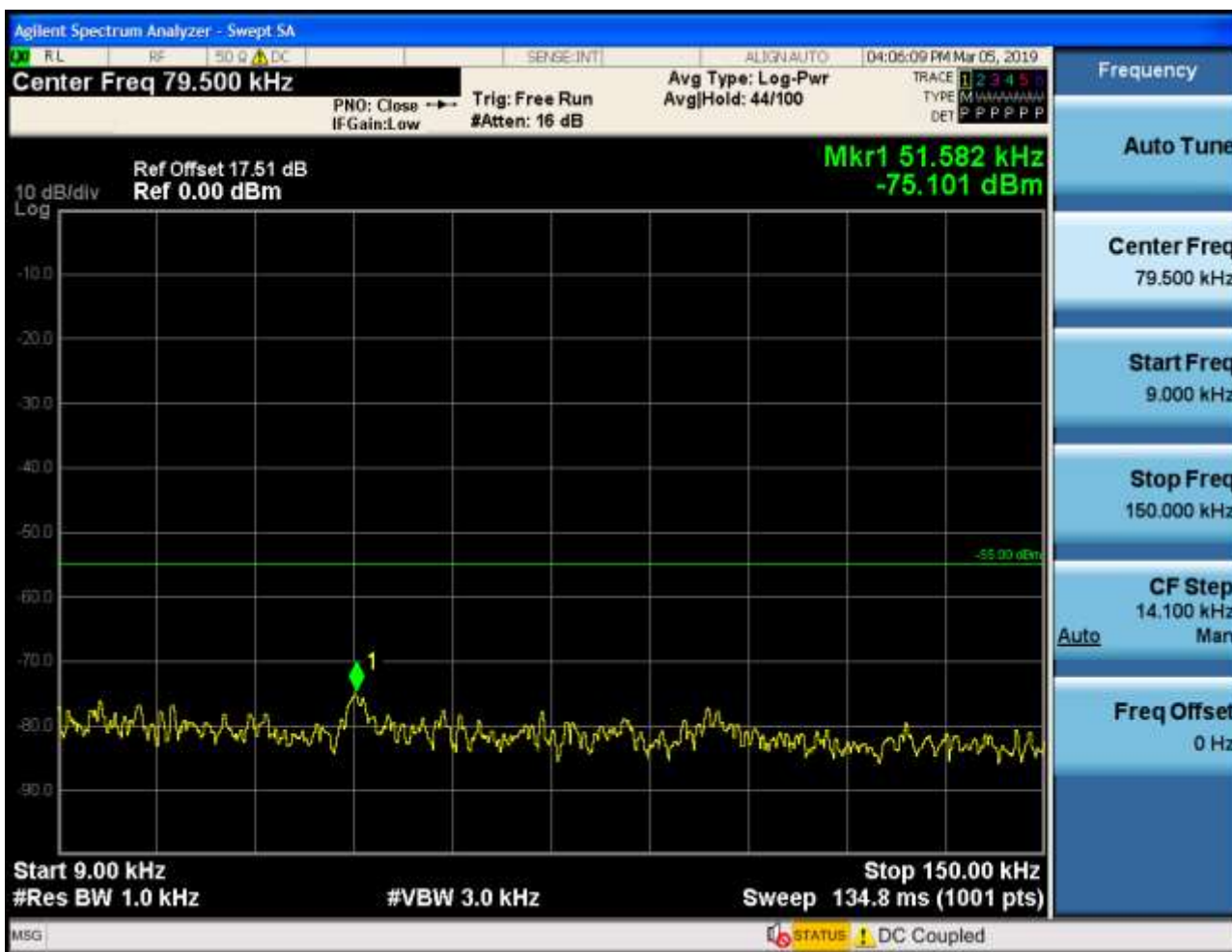






6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0

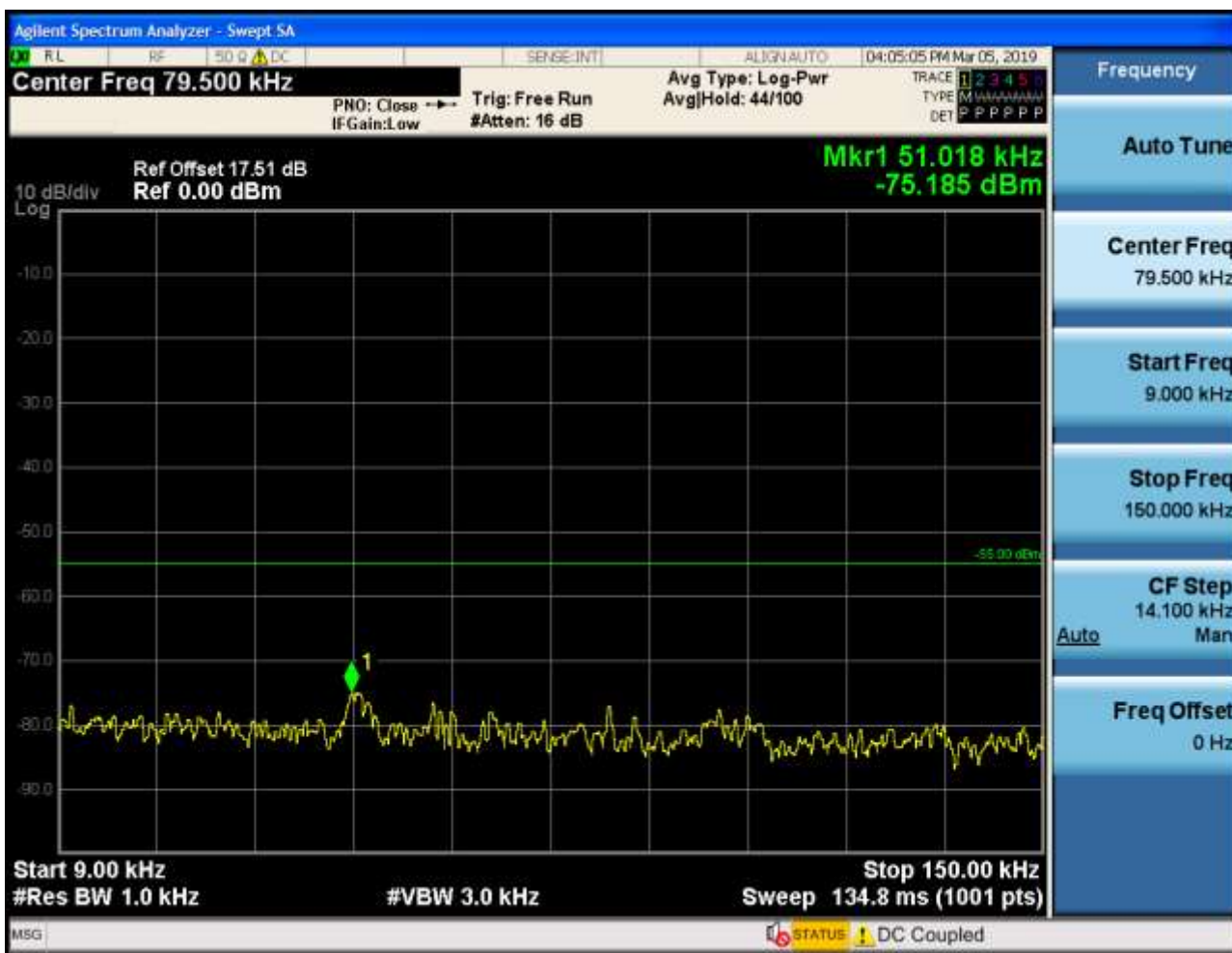


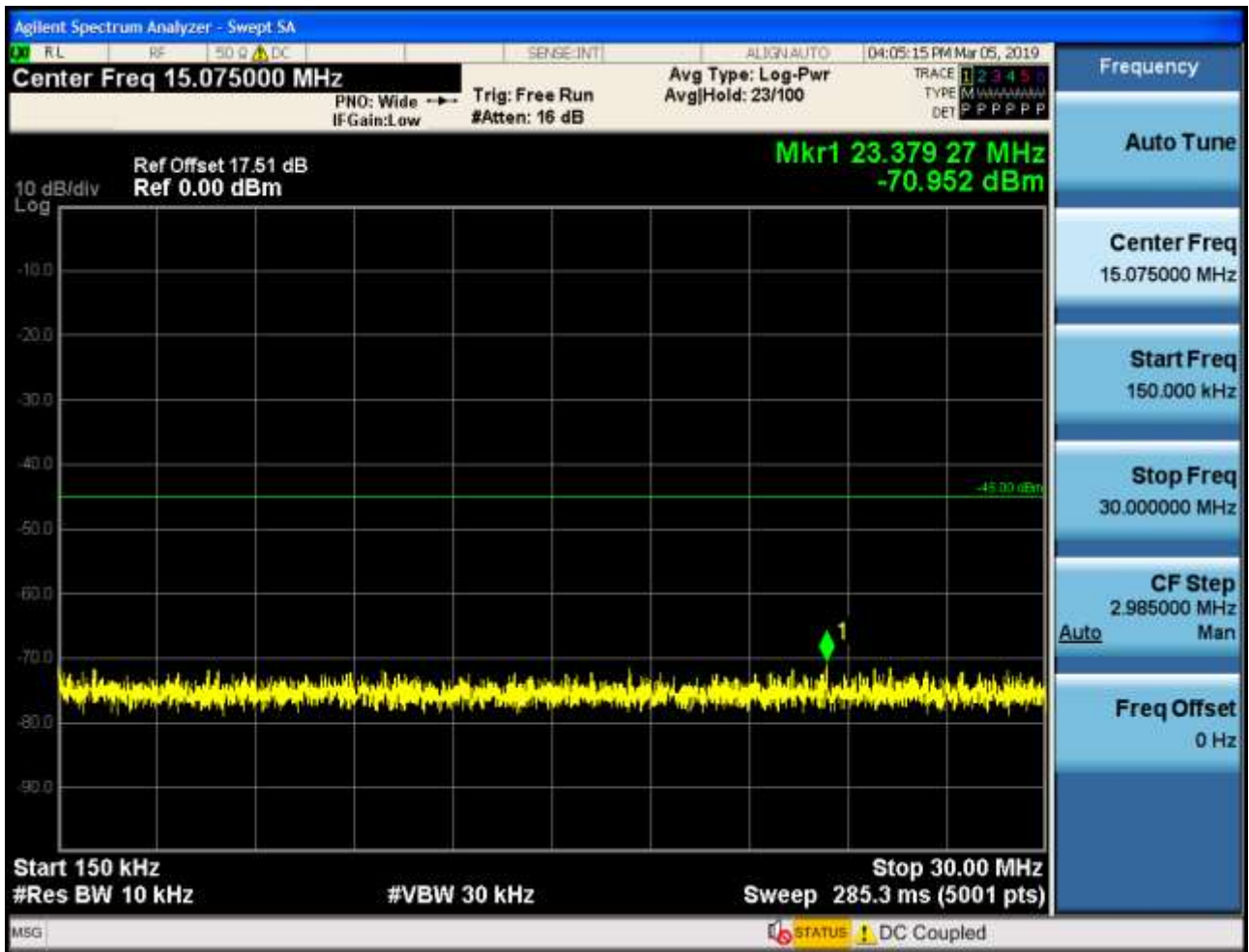




6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0





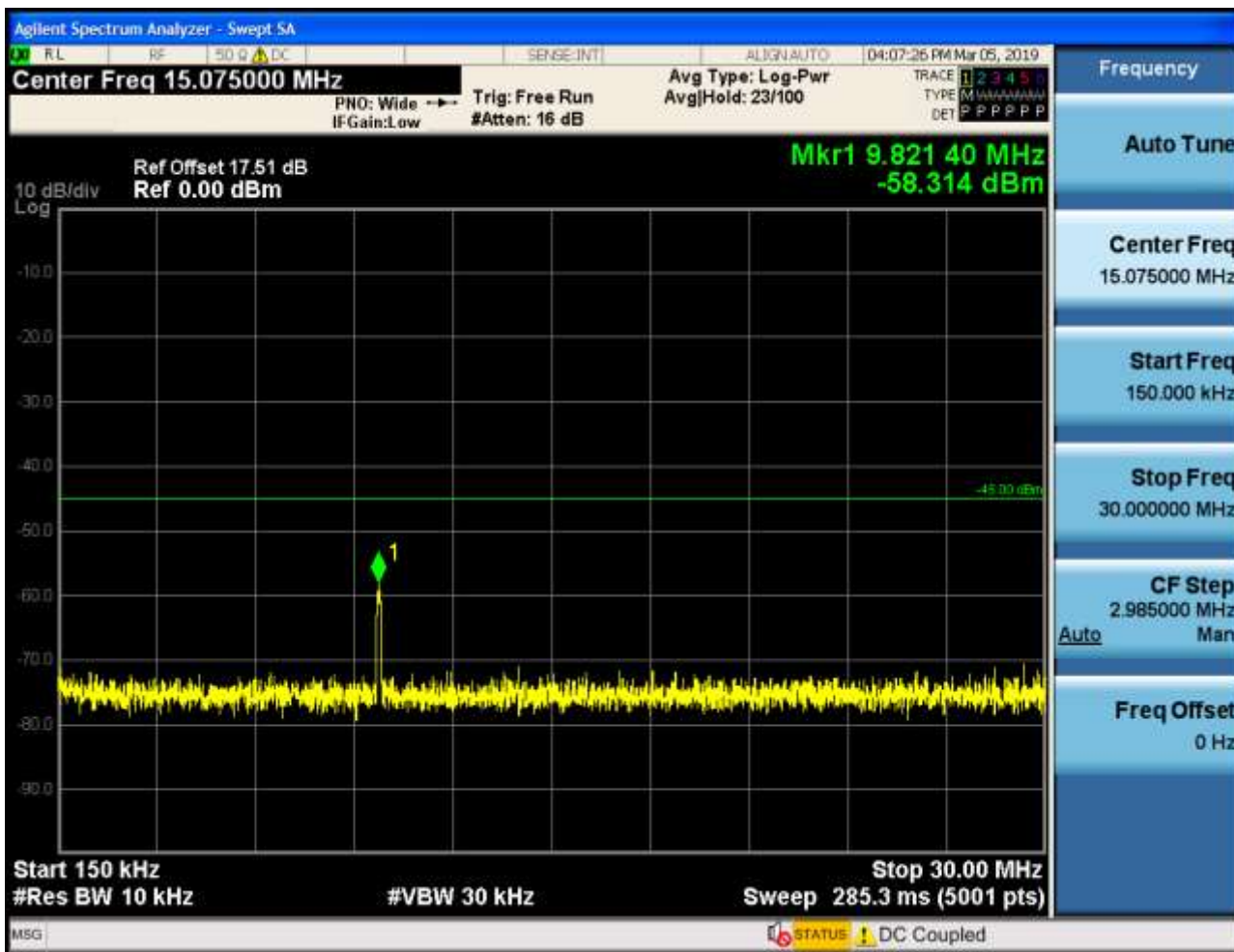


6.2.1.2.4 Test Bandwidth = 20

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0

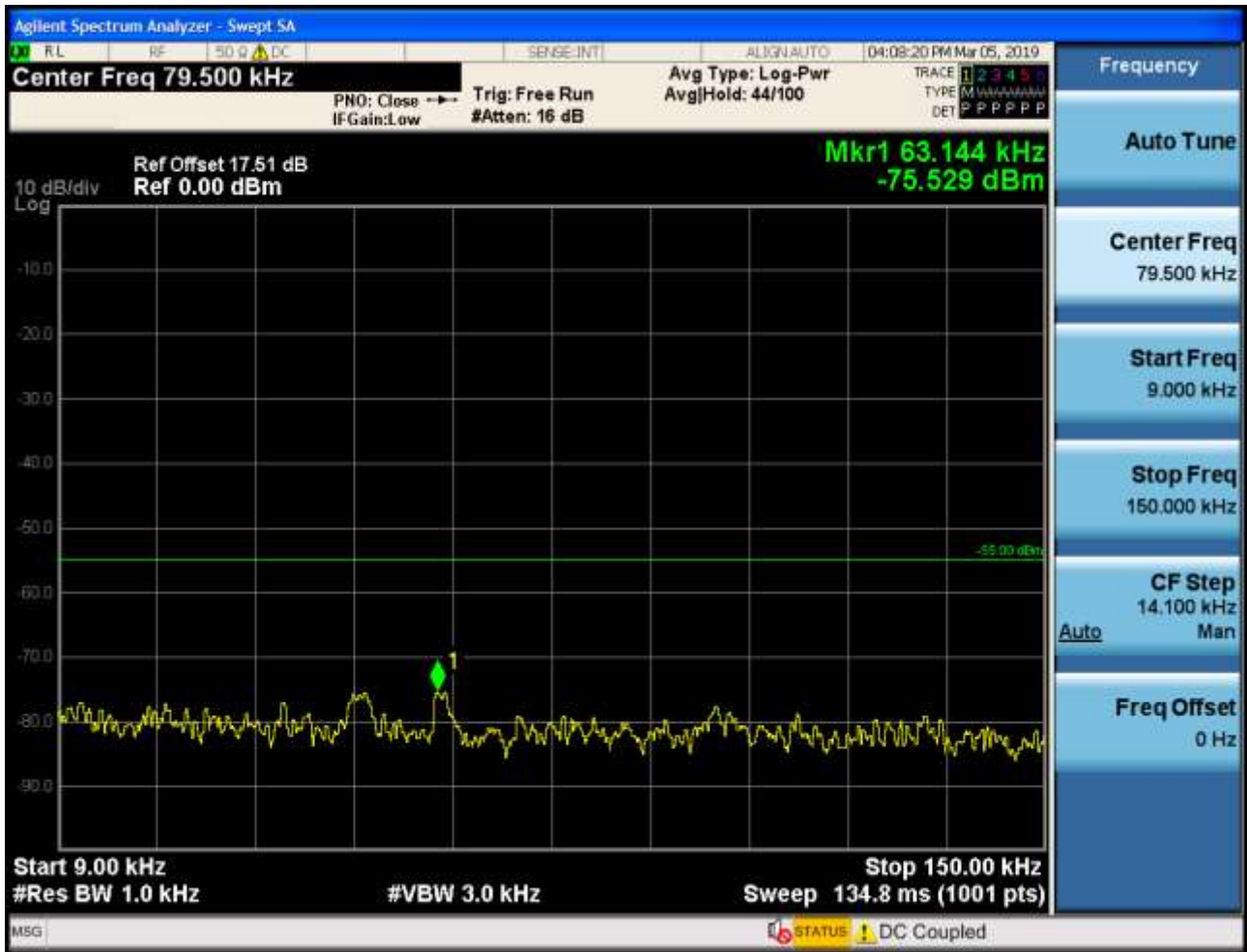


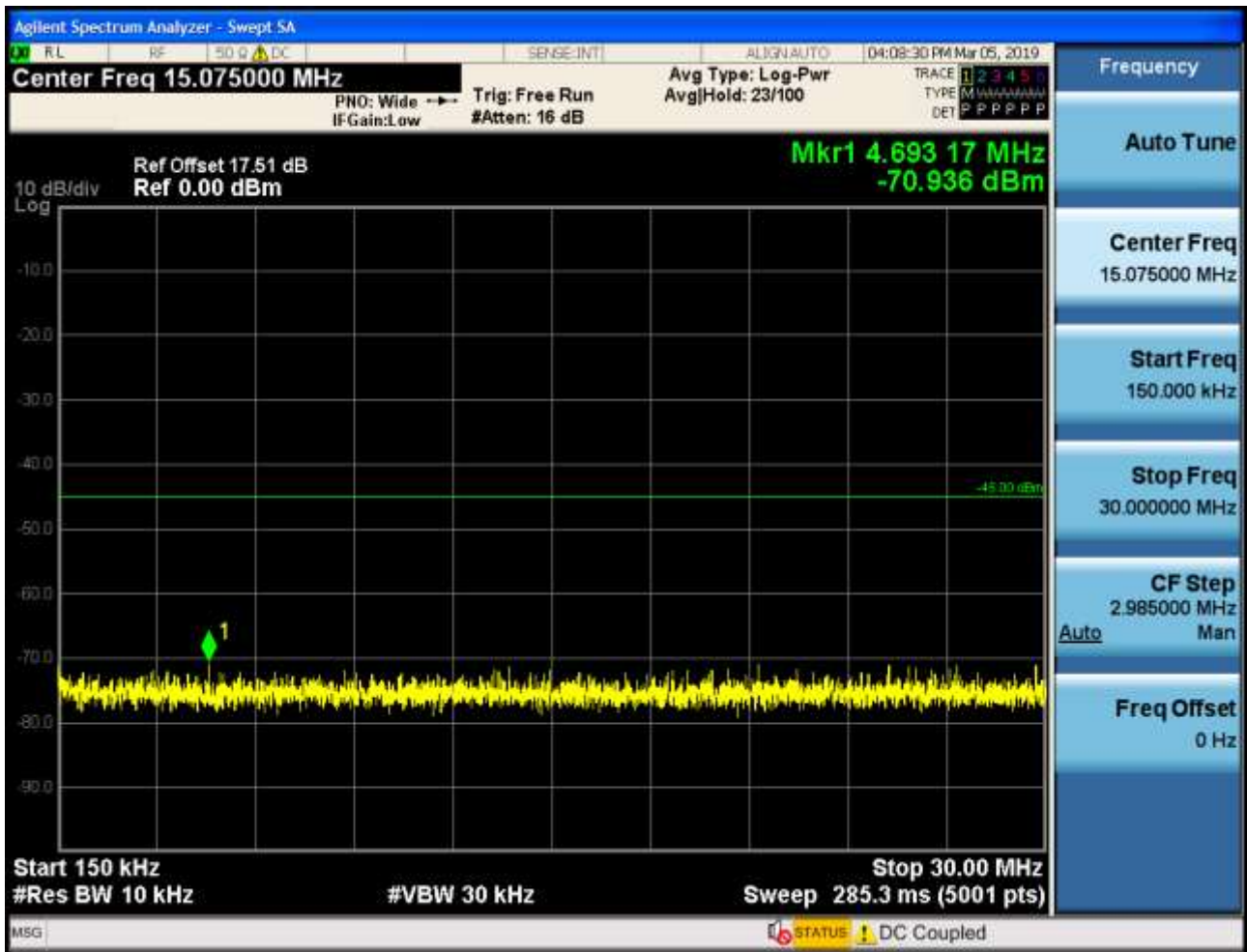




6.2.1.2.4.3 Test Channel = HCH

6.2.1.2.4.3.1 Test RB = RB1#0







7Appendix_G: Frequency Stability

7.1 For LTE

7.1.1 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
Band38	LTE/TM1	5	LCH	TN	VL	-16.96587	-0.00660	PASS
					VN	-0.52929	-0.00021	PASS
					VH	5.32150	0.00207	PASS
			MCH	TN	VL	-3.81947	-0.00147	PASS
					VN	-9.12666	-0.00352	PASS
					VH	-9.74178	-0.00375	PASS
			HCH	TN	VL	-0.35763	-0.00014	PASS
					VN	-9.59873	-0.00367	PASS
					VH	-4.06265	-0.00155	PASS
		10	LCH	TN	VL	-6.63757	-0.00258	PASS
					VN	-12.87460	-0.00500	PASS
					VH	-11.70158	-0.00454	PASS
			MCH	TN	VL	-16.53671	-0.00637	PASS
					VN	-8.82626	-0.00340	PASS
					VH	-7.48158	-0.00288	PASS
			HCH	TN	VL	-7.66754	-0.00293	PASS
					VN	-3.81947	-0.00146	PASS
					VH	-4.29153	-0.00164	PASS
		15	LCH	TN	VL	-6.80924	-0.00264	PASS
					VN	-26.26419	-0.01019	PASS
					VH	-14.63413	-0.00568	PASS
			MCH	TN	VL	-7.30991	-0.00282	PASS
					VN	-13.08918	-0.00504	PASS
					VH	-8.25405	-0.00318	PASS
			HCH	TN	VL	-4.73499	-0.00181	PASS
					VN	-10.67162	-0.00408	PASS
					VH	-2.16007	-0.00083	PASS
		20	LCH	TN	VL	-18.32485	-0.00710	PASS
					VN	-27.69470	-0.01073	PASS
					VH	-30.64156	-0.01188	PASS
			MCH	TN	VL	-7.65324	-0.00295	PASS
					VN	-10.87189	-0.00419	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	5	HCH	TN	VH	-8.86917	-0.00342	PASS
					VL	-8.38280	-0.00321	PASS
					VN	-9.94205	-0.00381	PASS
					VH	-8.65459	-0.00332	PASS
			LCH	TN	VL	-2.43187	-0.00095	PASS
					VN	-18.72540	-0.00728	PASS
					VH	-9.62734	-0.00374	PASS
					VL	8.46863	0.00326	PASS
			MCH	TN	VN	-5.45025	-0.00210	PASS
					VH	0.37193	0.00014	PASS
					VL	-1.81675	-0.00069	PASS
					VN	-7.12395	-0.00272	PASS
		HCH	TN	VH	-3.80516	-0.00145	PASS	
				VL	-4.54903	-0.00177	PASS	
				VN	-14.26220	-0.00554	PASS	
				VH	-3.26157	-0.00127	PASS	
		10	LCH	TN	VL	-6.09398	-0.00235	PASS
					VN	-5.37872	-0.00207	PASS
					VH	-15.43522	-0.00595	PASS
					VL	-1.01566	-0.00039	PASS
			MCH	TN	VN	-3.70503	-0.00142	PASS
					VH	0.61512	0.00024	PASS
					VL	-2.84672	-0.00110	PASS
					VN	-15.42091	-0.00598	PASS
			HCH	TN	VH	-4.37737	-0.00170	PASS
					VL	-3.54767	-0.00137	PASS
					VN	-5.87940	-0.00227	PASS
					VH	-3.33309	-0.00128	PASS
		15	LCH	TN	VL	-0.84400	-0.00032	PASS
					VN	-5.43594	-0.00208	PASS
					VH	-3.43323	-0.00131	PASS
					VL	-9.08375	-0.00352	PASS
			MCH	TN	VN	-16.55102	-0.00642	PASS
					VH	-10.34260	-0.00401	PASS
					VL	-3.57628	-0.00138	PASS
					VN	-7.76768	-0.00299	PASS
			HCH	TN	VH	-7.68185	-0.00296	PASS
					VL	-3.74794	-0.00144	PASS
					VN	-9.94205	-0.00381	PASS
					VH	-8.65459	-0.00332	PASS
		20	LCH	TN	VL	-2.43187	-0.00095	PASS
					VN	-18.72540	-0.00728	PASS
					VH	-9.62734	-0.00374	PASS
					VL	8.46863	0.00326	PASS
			MCH	TN	VN	-5.45025	-0.00210	PASS
					VH	0.37193	0.00014	PASS
					VL	-1.81675	-0.00069	PASS
					VN	-7.12395	-0.00272	PASS
HCH	TN		VH	-3.80516	-0.00145	PASS		
			VL	-4.54903	-0.00177	PASS		
			VN	-14.26220	-0.00554	PASS		
			VH	-3.26157	-0.00127	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-8.25405	-0.00316	PASS
					VH	-7.56741	-0.00290	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
Band38	LTE/TM1	5	LCH	VN	-30	-5.65052	-0.00220	PASS
					-20	7.89642	0.00307	PASS
					-10	8.03947	0.00313	PASS
					0	9.36985	0.00364	PASS
					10	1.40190	0.00054	PASS
					20	-0.52929	-0.00021	PASS
					30	9.32694	0.00363	PASS
					40	1.24455	0.00048	PASS
			50	10.05650	0.00391	PASS		
			MCH	VN	-30	-4.20570	-0.00162	PASS
					-20	-6.60896	-0.00255	PASS
					-10	-7.05242	-0.00272	PASS
					0	-4.80652	-0.00185	PASS
					10	-9.32694	-0.00359	PASS
					20	-9.12666	-0.00352	PASS
					30	-10.77175	-0.00415	PASS
		40			0.22888	0.00009	PASS	
		HCH	VN	-30	-1.23024	-0.00047	PASS	
				-20	-5.55039	-0.00212	PASS	
				-10	-9.44138	-0.00361	PASS	
				0	-6.00815	-0.00230	PASS	
				10	-6.26564	-0.00239	PASS	
				20	-9.59873	-0.00367	PASS	
				30	-7.22408	-0.00276	PASS	
				40	-12.50267	-0.00478	PASS	
		10	LCH	VN	-30	-20.38479	-0.00792	PASS
					-20	0.51498	0.00020	PASS
					-10	-11.25813	-0.00437	PASS
0	-16.65115				-0.00647	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					10	-15.44952	-0.00600	PASS	
					20	-12.87460	-0.00500	PASS	
					30	-24.49036	-0.00951	PASS	
					40	-25.24853	-0.00981	PASS	
					50	-23.97537	-0.00931	PASS	
			MCH	VN	-30	-13.68999	-0.00528	PASS	
					-20	-6.20842	-0.00239	PASS	
					-10	-9.84192	-0.00379	PASS	
					0	-4.09126	-0.00158	PASS	
					10	-12.93182	-0.00498	PASS	
					20	-8.82626	-0.00340	PASS	
					30	1.07288	0.00041	PASS	
					40	-15.29217	-0.00589	PASS	
					50	-6.46591	-0.00249	PASS	
					HCH	VN	-30	-13.90457	-0.00532
		-20	-0.58651	-0.00022			PASS		
		-10	-7.29561	-0.00279			PASS		
		0	-4.40597	-0.00168			PASS		
		10	-7.92503	-0.00303			PASS		
		20	-3.81947	-0.00146			PASS		
		30	-10.41412	-0.00398			PASS		
		40	-6.96659	-0.00266			PASS		
		15		LCH	VN	-30	-13.89027	-0.00539	PASS
						-20	-9.79900	-0.00380	PASS
						-10	-28.12386	-0.01091	PASS
						0	-11.01494	-0.00427	PASS
						10	-29.25396	-0.01135	PASS
						20	-26.26419	-0.01019	PASS
						30	-26.07822	-0.01012	PASS
						40	-11.48701	-0.00446	PASS
50	-29.11091			-0.01129	PASS				
MCH	VN			-30	-10.07080	-0.00388	PASS		
				-20	-4.90665	-0.00189	PASS		
				-10	-9.82761	-0.00379	PASS		
				0	-8.32558	-0.00321	PASS		
				10	-11.70158	-0.00451	PASS		
				20	-13.08918	-0.00504	PASS		
		30	-10.81467	-0.00417	PASS				



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					40	-10.52856	-0.00406	PASS		
					50	-10.17094	-0.00392	PASS		
					HCH	VN	-30	-6.66618	-0.00255	PASS
							-20	-5.57899	-0.00214	PASS
							-10	-9.01222	-0.00345	PASS
			0	-5.36442			-0.00205	PASS		
			10	-11.94477			-0.00457	PASS		
			20	-10.67162	-0.00408	PASS				
			30	-9.21249	-0.00353	PASS				
			40	-5.77927	-0.00221	PASS				
			50	-13.73291	-0.00526	PASS				
			20	LCH	VN	-30	-15.04898	-0.00583	PASS	
						-20	-12.11643	-0.00470	PASS	
						-10	-29.45423	-0.01142	PASS	
						0	-10.62870	-0.00412	PASS	
		10				-27.99511	-0.01085	PASS		
		20		-27.69470	-0.01073	PASS				
		30		-31.88610	-0.01236	PASS				
		40		-28.23830	-0.01095	PASS				
		50		-12.24518	-0.00475	PASS				
		MCH		VN	-30	-6.46591	-0.00249	PASS		
					-20	-7.32422	-0.00282	PASS		
					-10	-10.71453	-0.00413	PASS		
					0	-12.60281	-0.00486	PASS		
					10	-12.74586	-0.00491	PASS		
		20		-10.87189	-0.00419	PASS				
		30	-7.48158	-0.00288	PASS					
		40	-9.99928	-0.00385	PASS					
		50	-6.29425	-0.00243	PASS					
		HCH	VN	-30	-6.55174	-0.00251	PASS			
				-20	-8.36849	-0.00321	PASS			
				-10	-11.32965	-0.00434	PASS			
				0	-9.59873	-0.00368	PASS			
				10	-9.87053	-0.00378	PASS			
		20	-9.94205	-0.00381	PASS					
		30	-13.80444	-0.00529	PASS					
		40	-13.80444	-0.00529	PASS					
		50	-6.02245	-0.00231	PASS					
		LTE/TM2	5	LCH	VN	-30	-14.66274	-0.00570	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	-11.15799	-0.00434	PASS	
					-10	-15.67841	-0.00609	PASS	
					0	-13.07487	-0.00508	PASS	
					10	-15.33508	-0.00596	PASS	
					20	-18.72540	-0.00728	PASS	
					30	-13.50403	-0.00525	PASS	
					40	-15.34939	-0.00597	PASS	
					50	-12.14504	-0.00472	PASS	
			MCH	VN	-30	-7.83920	-0.00302	PASS	
					-20	-11.55853	-0.00445	PASS	
					-10	-5.22137	-0.00201	PASS	
					0	-13.96179	-0.00538	PASS	
					10	-7.35283	-0.00283	PASS	
					20	-5.45025	-0.00210	PASS	
					30	0.74387	0.00029	PASS	
					40	-0.24319	-0.00009	PASS	
			HCH	VN	-30	-4.27723	-0.00163	PASS	
					-20	-3.13282	-0.00120	PASS	
					-10	-2.44618	-0.00093	PASS	
					0	-2.84672	-0.00109	PASS	
					10	-5.66483	-0.00216	PASS	
					20	-7.12395	-0.00272	PASS	
					30	-2.47478	-0.00095	PASS	
					40	-5.77927	-0.00221	PASS	
			10	LCH	VN	-30	-21.17157	-0.00822	PASS
						-20	-3.26157	-0.00127	PASS
						-10	-9.26971	-0.00360	PASS
						0	-9.52721	-0.00370	PASS
		10				-23.27442	-0.00904	PASS	
		20				-14.26220	-0.00554	PASS	
		30				-26.86501	-0.01043	PASS	
		40				-19.85550	-0.00771	PASS	
		50		-22.93110	-0.00891	PASS			
		MCH		VN	-30	-9.16958	-0.00353	PASS	
					-20	-3.70503	-0.00143	PASS	
					-10	-8.71181	-0.00336	PASS	
			0		-7.32422	-0.00282	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-1.40190	-0.00054	PASS
					20	-5.37872	-0.00207	PASS
					30	-4.64916	-0.00179	PASS
					40	-8.86917	-0.00342	PASS
					50	-6.95229	-0.00268	PASS
			HCH	VN	-30	-6.68049	-0.00255	PASS
					-20	-2.01702	-0.00077	PASS
					-10	-4.44889	-0.00170	PASS
					0	-4.32015	-0.00165	PASS
					10	-2.98977	-0.00114	PASS
					20	-3.70503	-0.00142	PASS
					30	-6.85215	-0.00262	PASS
					40	-12.97474	-0.00496	PASS
					50	-9.29833	-0.00356	PASS
		15	LCH	VN	-30	-9.64165	-0.00374	PASS
					-20	-5.66483	-0.00220	PASS
					-10	-11.78741	-0.00457	PASS
					0	-8.33988	-0.00324	PASS
					10	-18.08167	-0.00702	PASS
					20	-15.42091	-0.00598	PASS
					30	-25.49171	-0.00989	PASS
					40	-8.94070	-0.00347	PASS
			50	-15.33508	-0.00595	PASS		
			MCH	VN	-30	-6.12259	-0.00236	PASS
					-20	-6.88076	-0.00265	PASS
					-10	-5.67913	-0.00219	PASS
					0	-2.08855	-0.00080	PASS
					10	-8.11100	-0.00313	PASS
		20			-5.87940	-0.00227	PASS	
		HCH	VN	30	-70.65296	-0.02723	PASS	
				40	-7.49588	-0.00289	PASS	
				50	-11.27243	-0.00434	PASS	
				-30	-0.44346	-0.00017	PASS	
				-20	-8.05378	-0.00308	PASS	
				-10	-6.33717	-0.00243	PASS	
				0	-3.19004	-0.00122	PASS	
		10	-12.78877	-0.00490	PASS			
		20	-5.43594	-0.00208	PASS			
		30	-6.69479	-0.00256	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					40	-3.96252	-0.00152	PASS			
					50	-10.35690	-0.00396	PASS			
		20	LCH	VN	-30	-8.06808	-0.00313	PASS			
							-20	-7.83920	-0.00304	PASS	
							-10	-20.82825	-0.00807	PASS	
							0	-8.81195	-0.00342	PASS	
							10	-18.95428	-0.00735	PASS	
							20	-16.55102	-0.00642	PASS	
							30	-14.64844	-0.00568	PASS	
							40	-15.66410	-0.00607	PASS	
							50	-8.56876	-0.00332	PASS	
						MCH	VN	-30	-5.27859	-0.00203	PASS
								-20	-4.63486	-0.00179	PASS
								-10	-5.27859	-0.00203	PASS
								0	-3.99113	-0.00154	PASS
								10	-7.62463	-0.00294	PASS
								20	-7.76768	-0.00299	PASS
								30	-5.75066	-0.00222	PASS
								40	-10.54287	-0.00406	PASS
						50	-6.65188	-0.00256	PASS		
				HCH	VN	-30	-7.45296	-0.00286	PASS		
								-20	-4.72069	-0.00181	PASS
							-10	-11.44409	-0.00438	PASS	
							0	-2.33173	-0.00089	PASS	
							10	-6.02245	-0.00231	PASS	
							20	-8.25405	-0.00316	PASS	
							30	-6.93798	-0.00266	PASS	
							40	-9.05514	-0.00347	PASS	
					50	-2.64645	-0.00101	PASS			

END