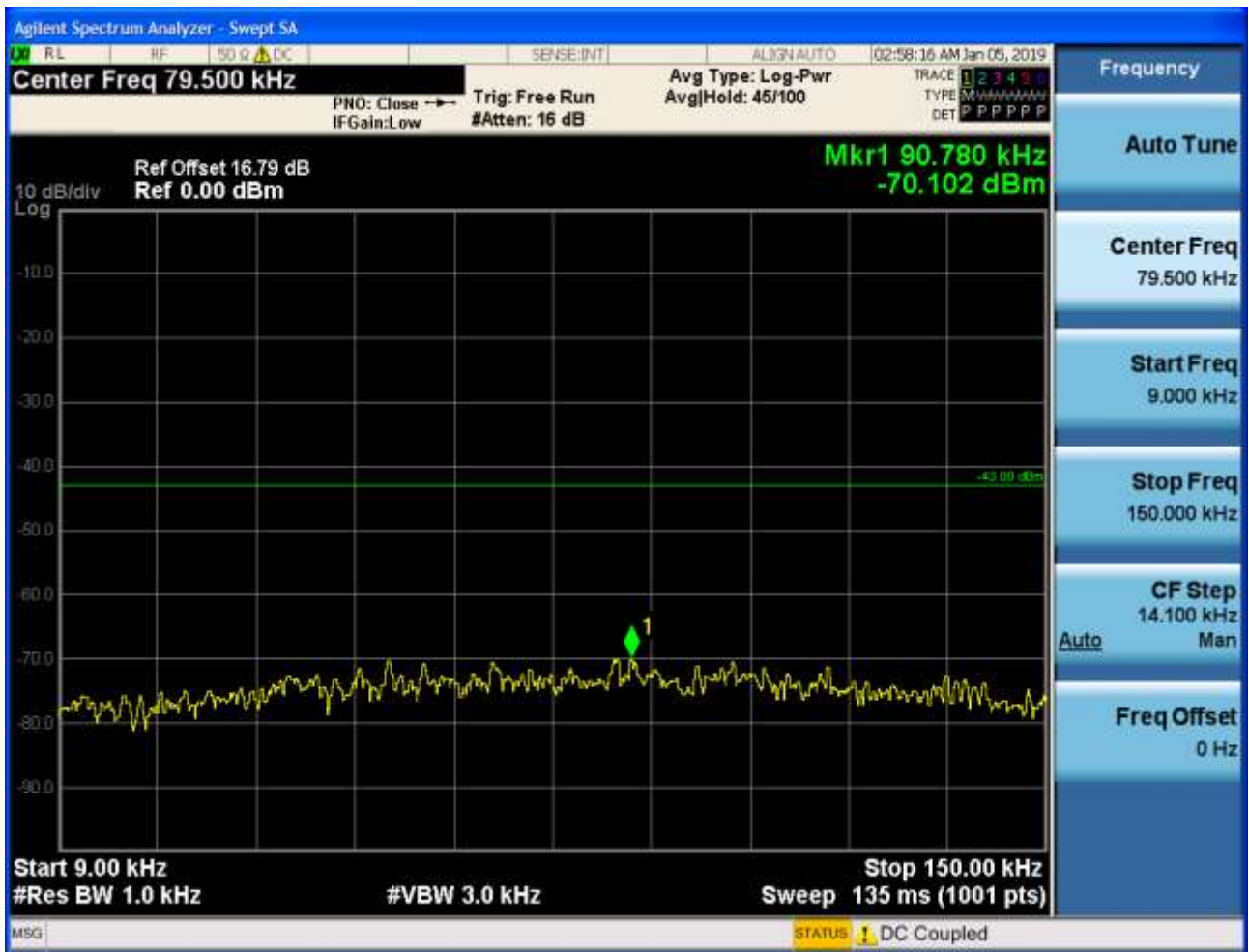






6.2.1.1.4.2 Test Channel = MCH

6.2.1.1.4.2.1 Test RB = RB1#0





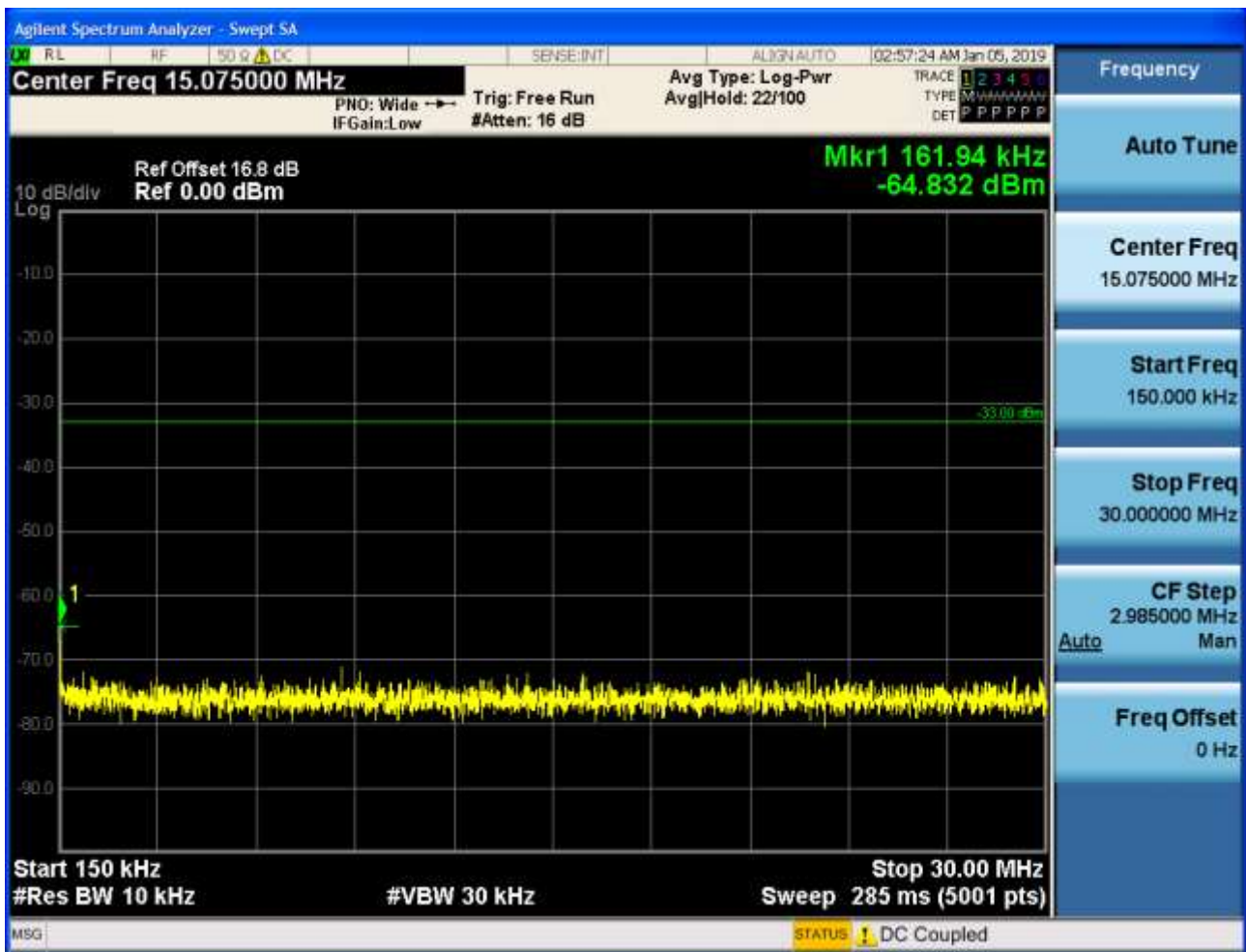


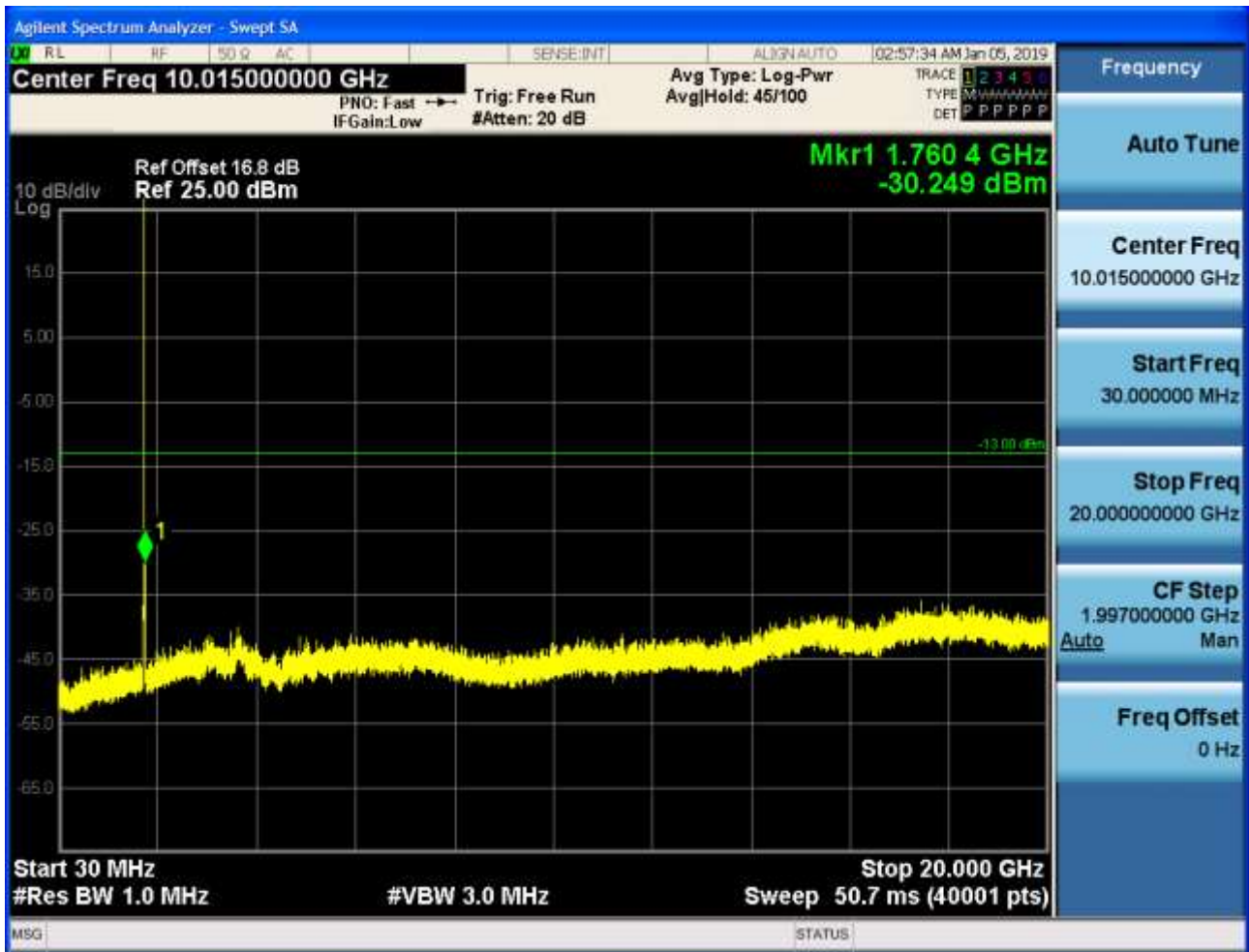


6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0





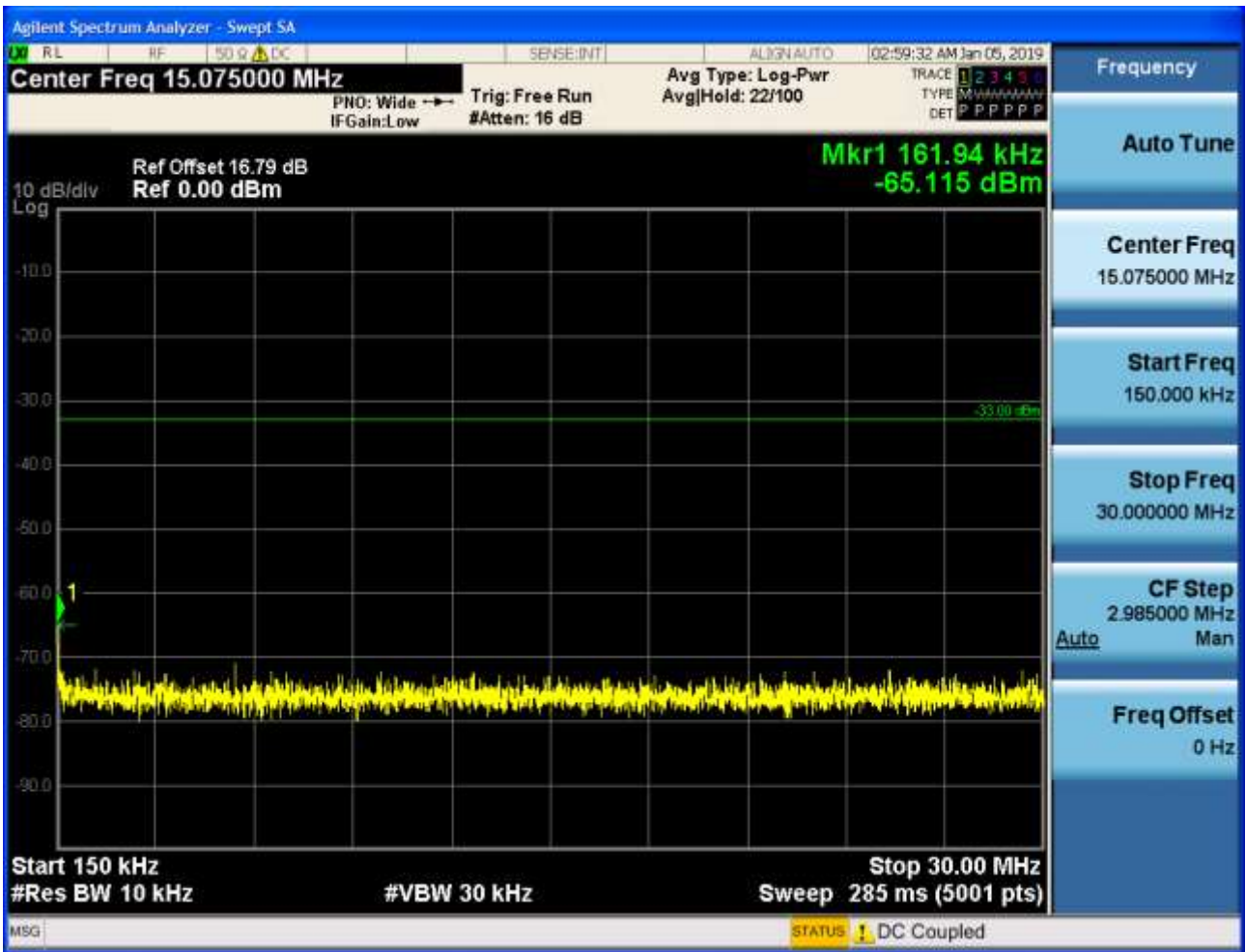


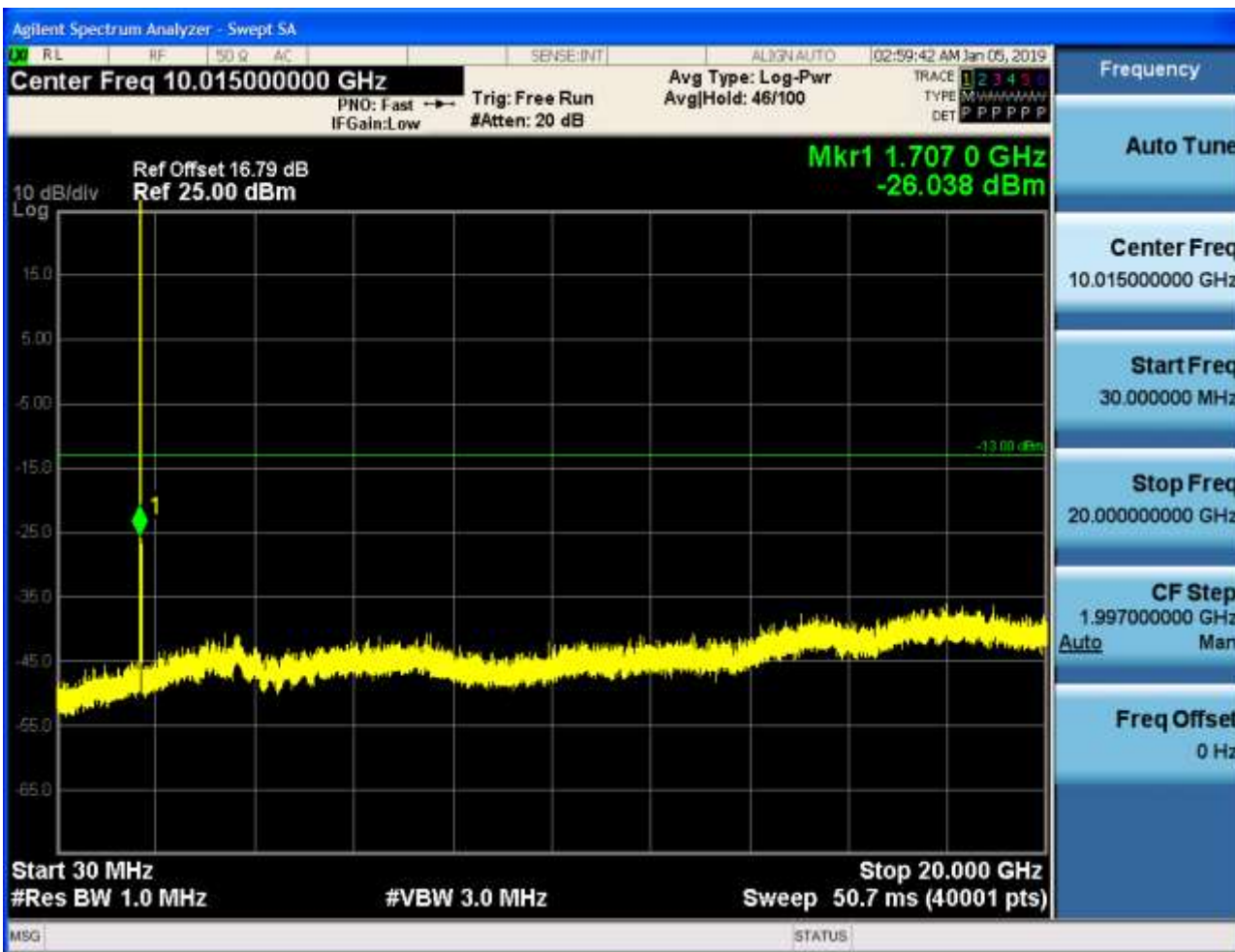
6.2.1.1.5 Test Bandwidth = 15

6.2.1.1.5.1 Test Channel = LCH

6.2.1.1.5.1.1 Test RB = RB1#0



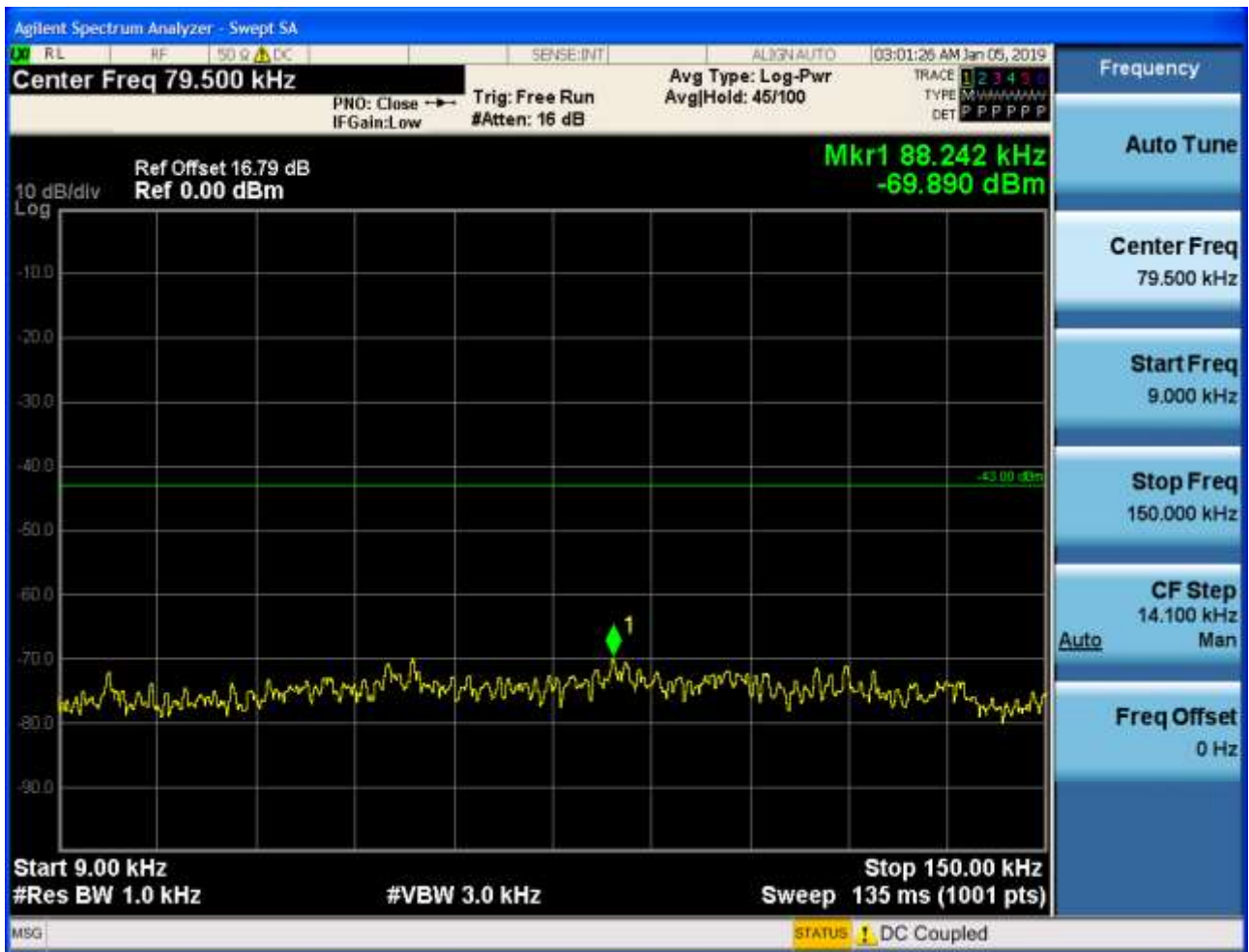




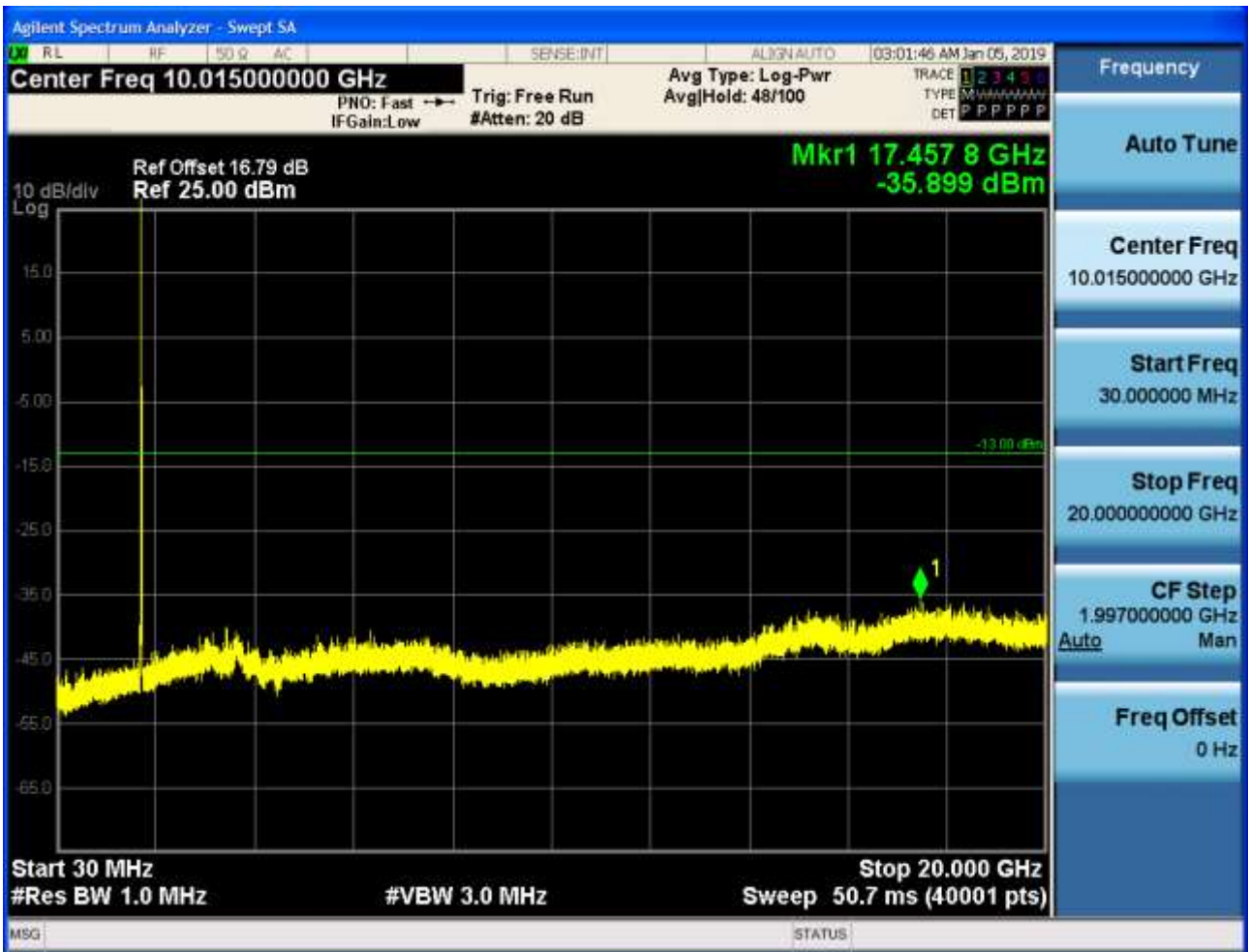


6.2.1.1.5.2 Test Channel = MCH

6.2.1.1.5.2.1 Test RB = RB1#0



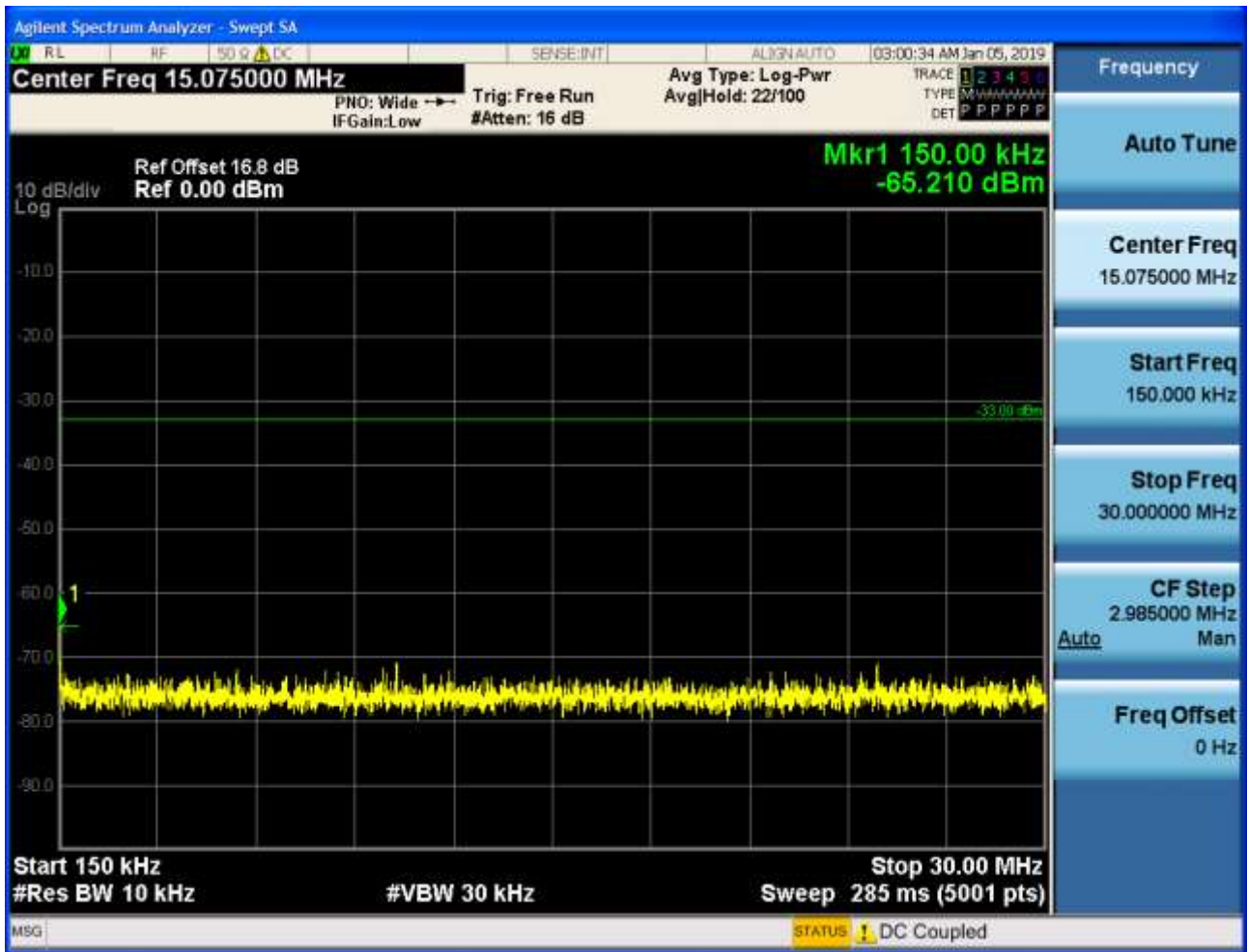


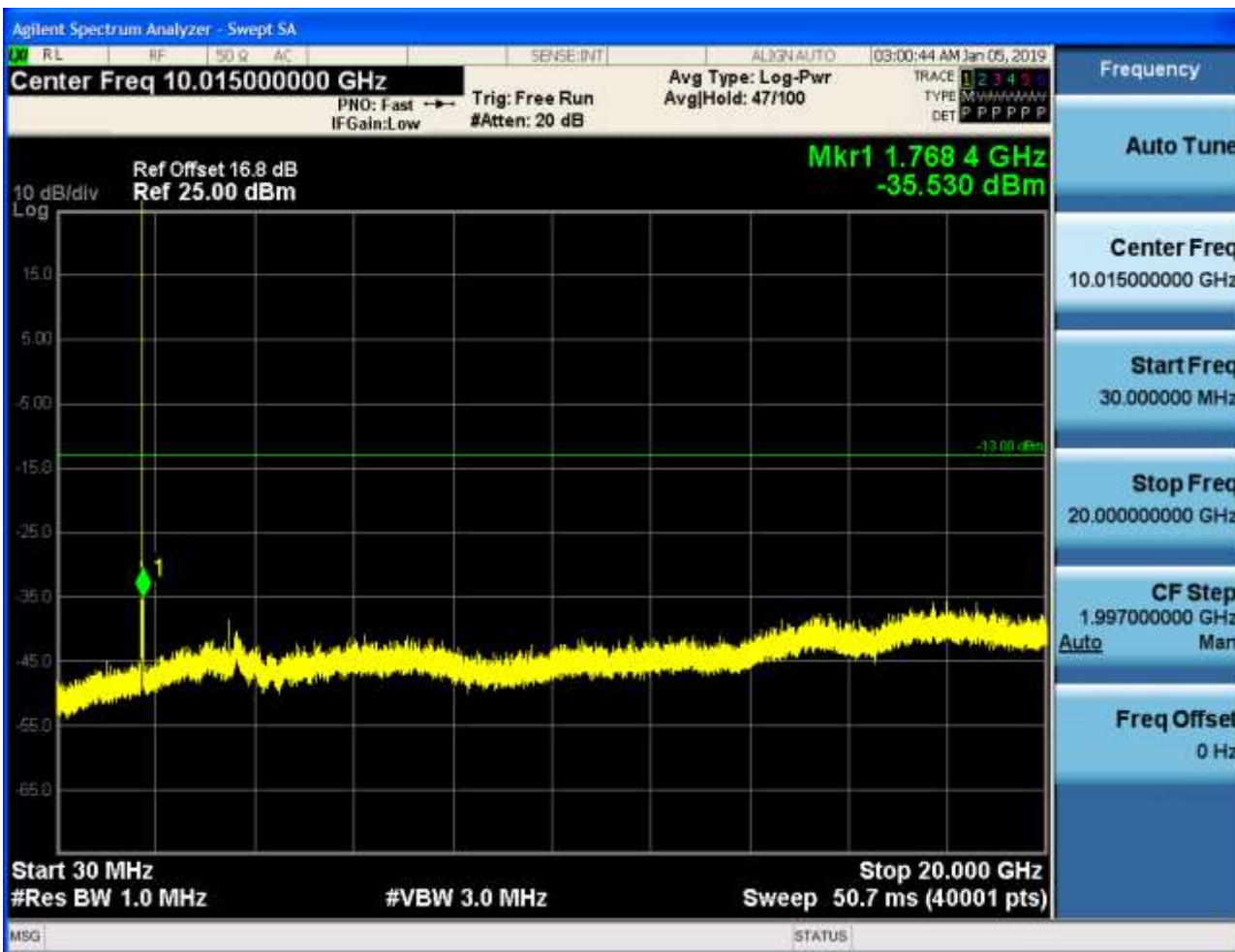


6.2.1.1.5.3 Test Channel = HCH

6.2.1.1.5.3.1 Test RB = RB1#0



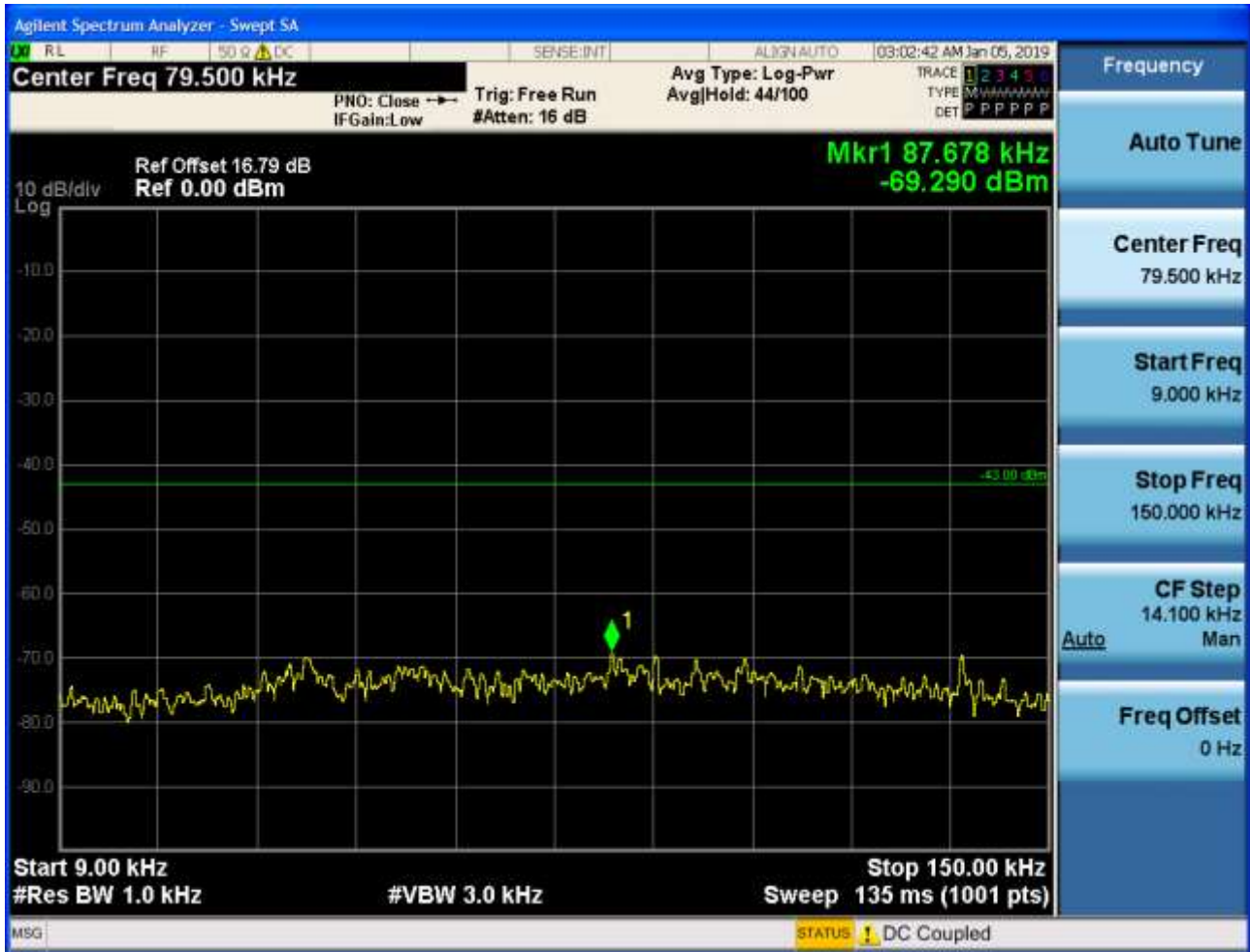




6.2.1.1.6 Test Bandwidth = 20

6.2.1.1.6.1 Test Channel = LCH

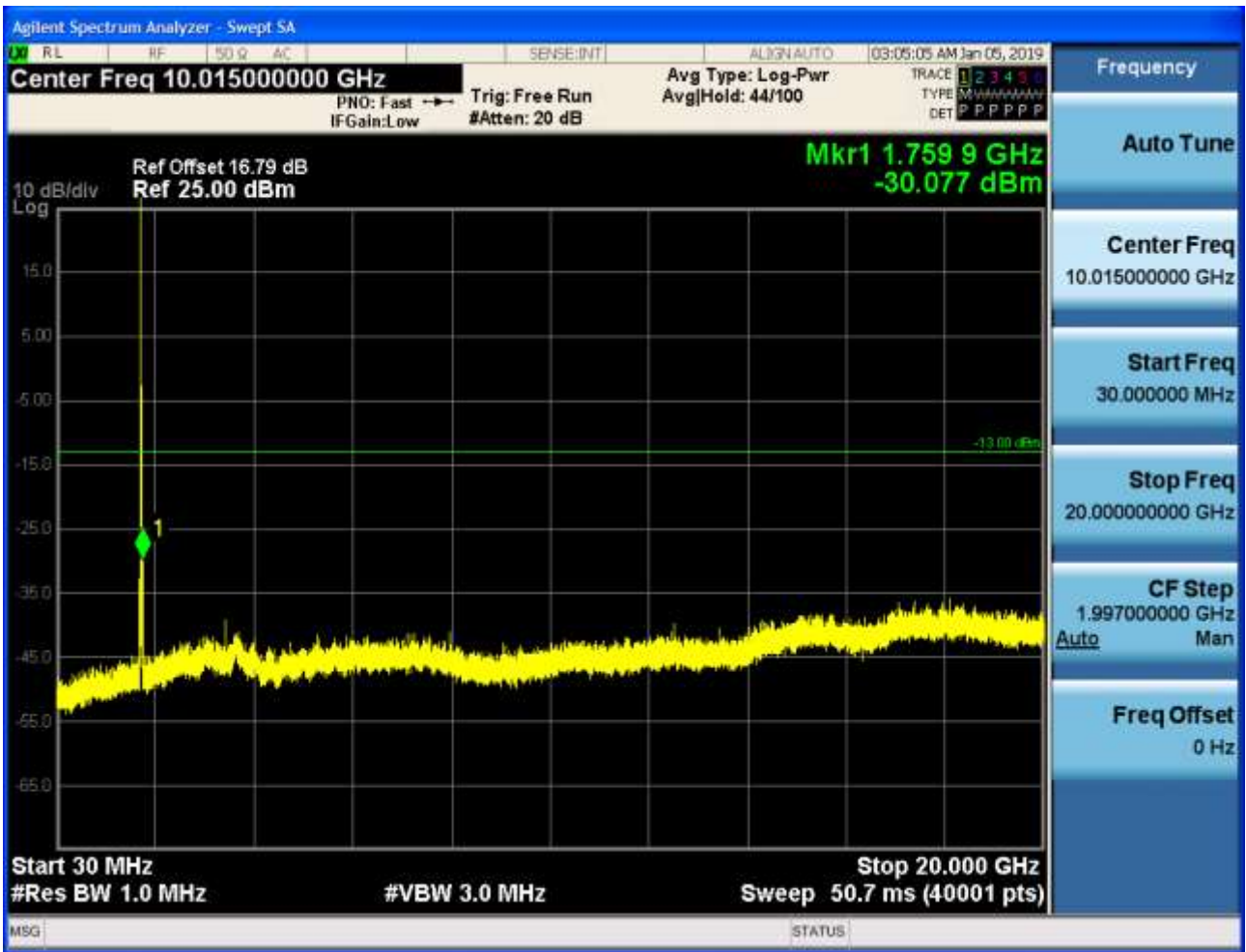
6.2.1.1.6.1.1 Test RB = RB1#0





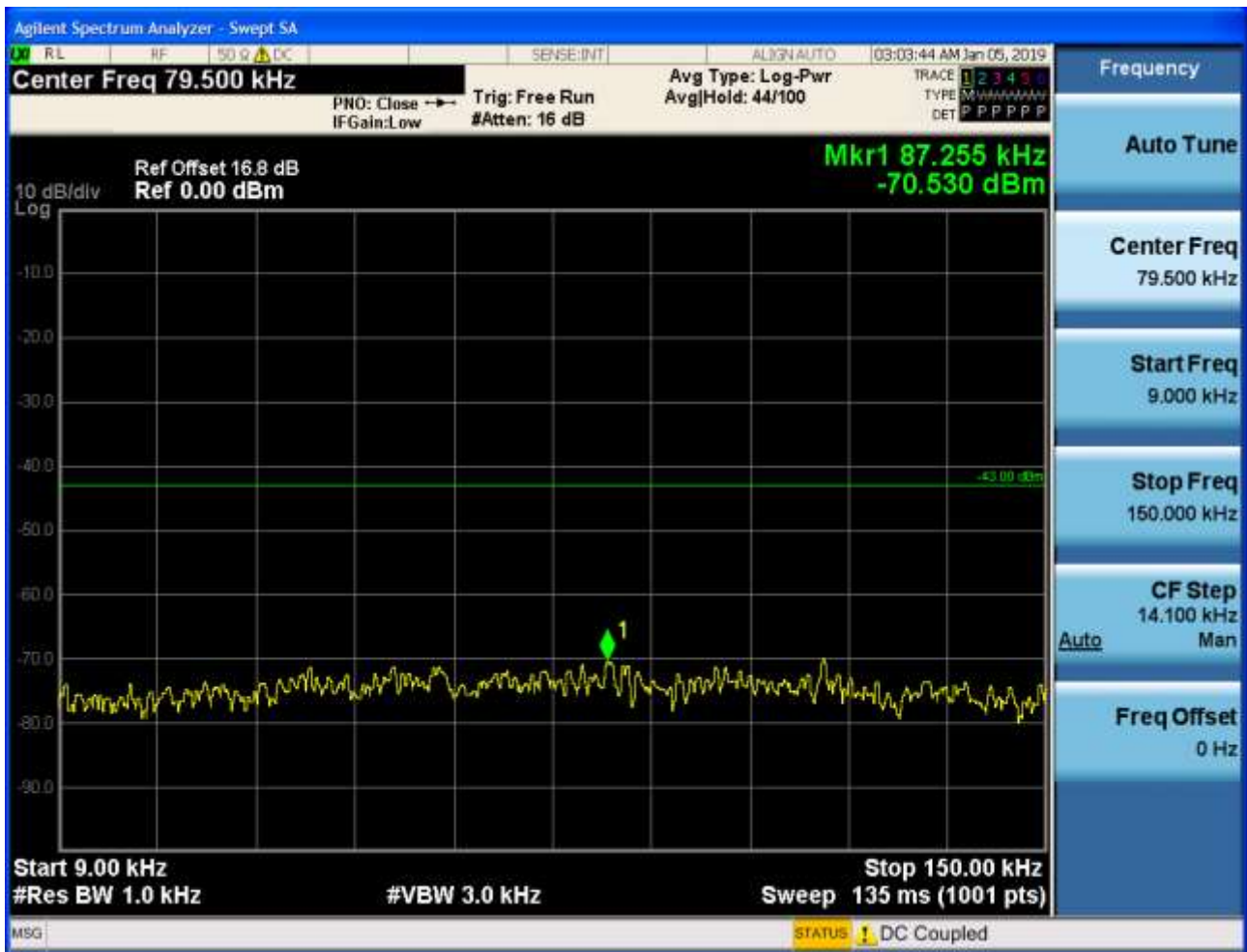


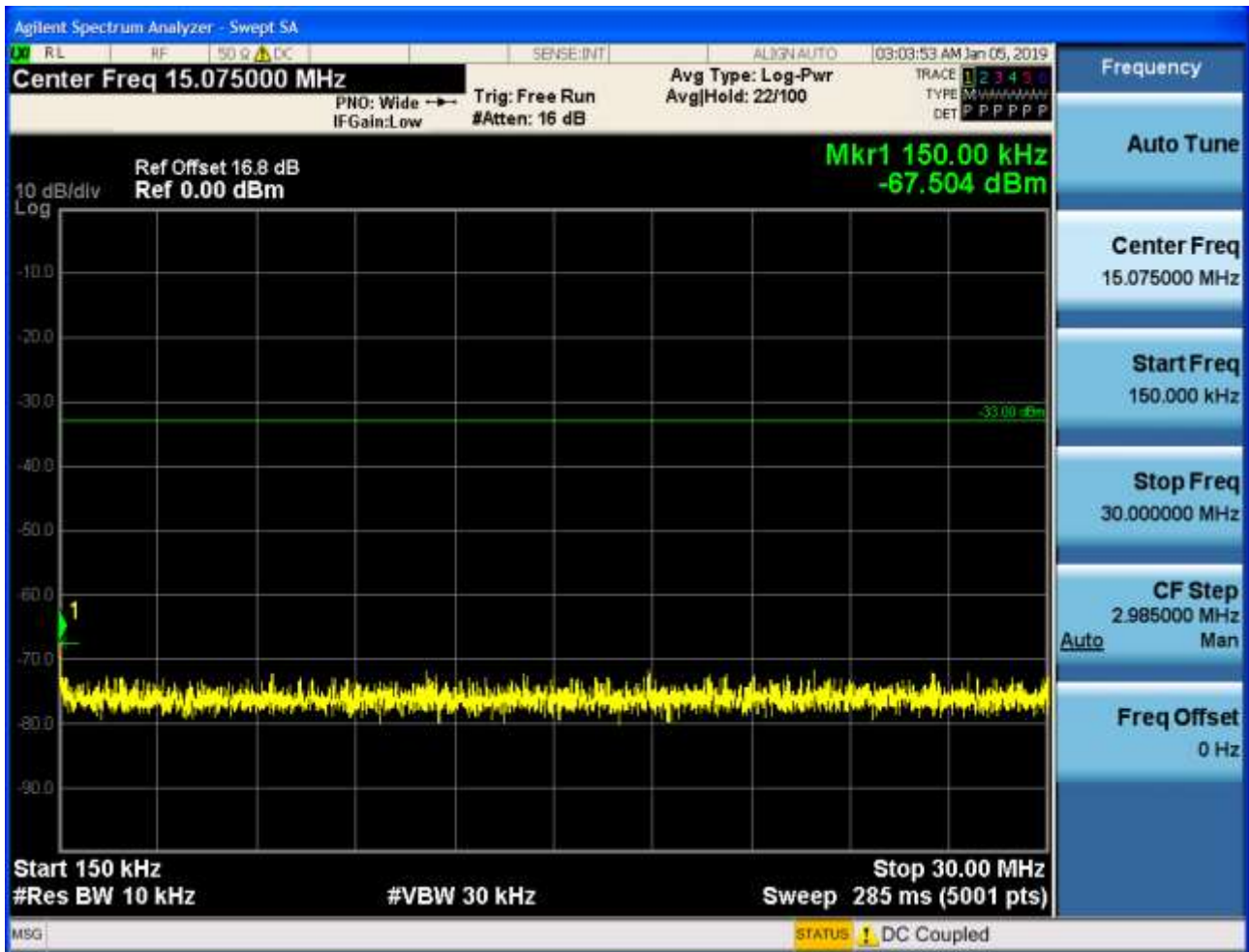


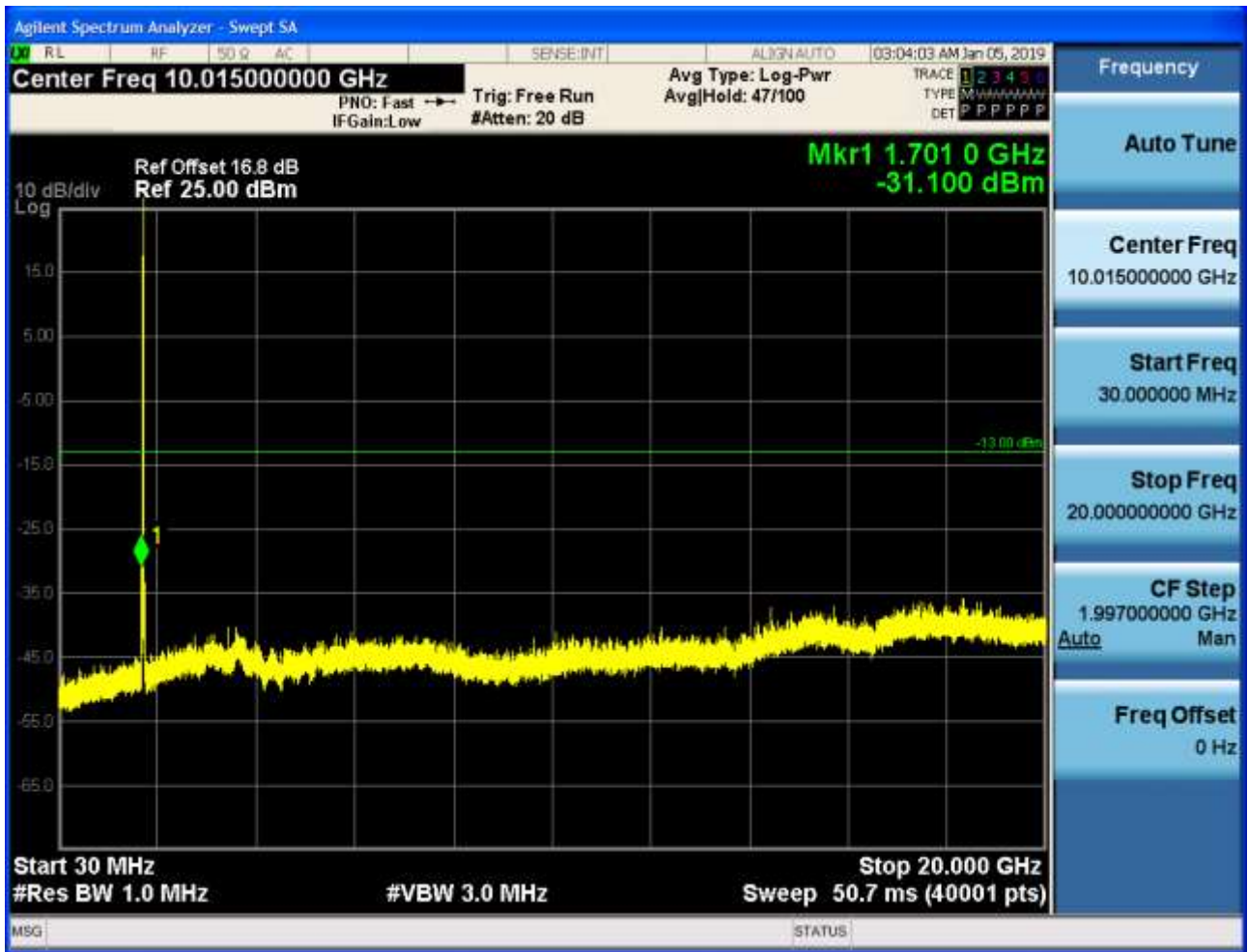


6.2.1.1.6.3 Test Channel = HCH

6.2.1.1.6.3.1 Test RB = RB1#0







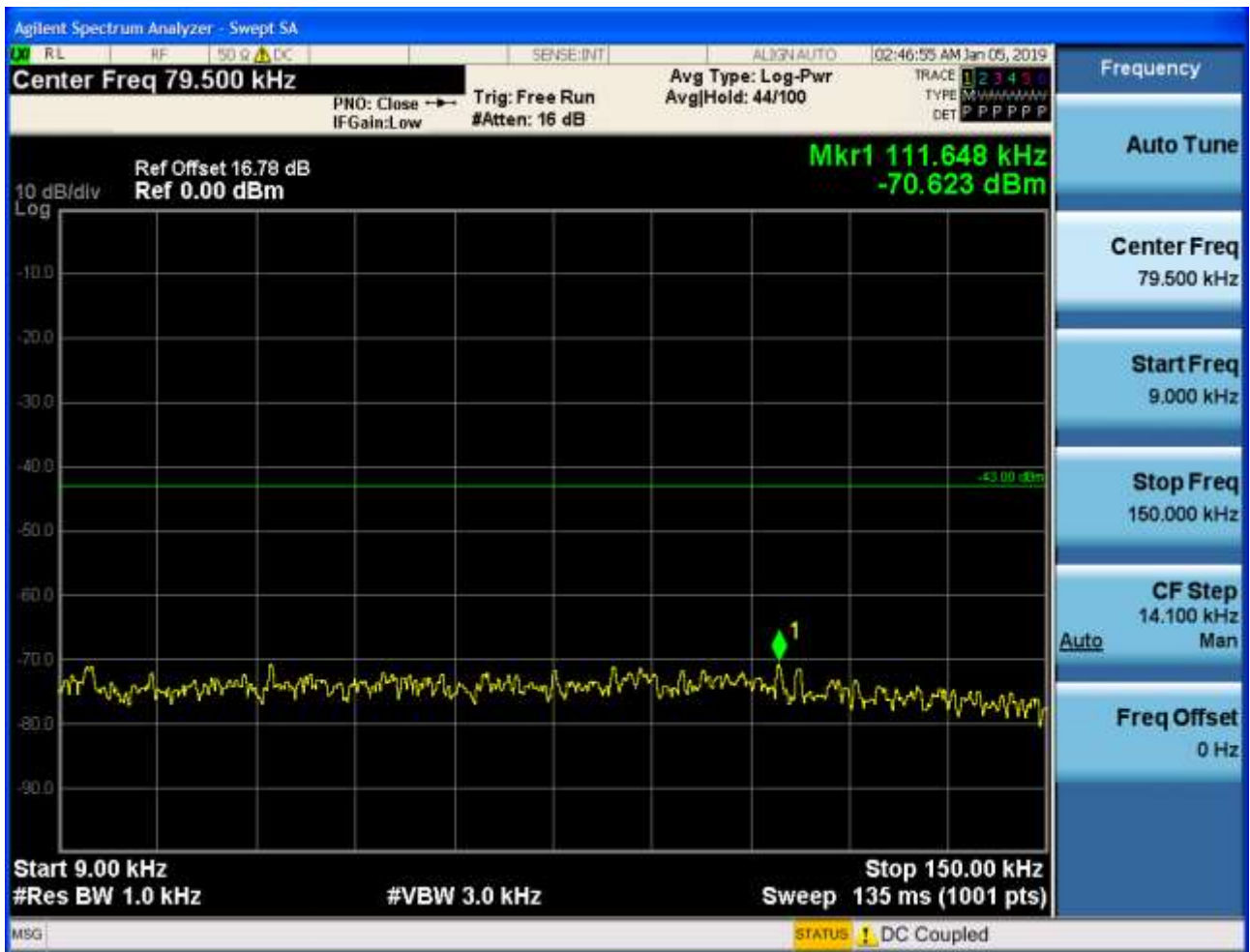


6.2.1.2 Test Mode = LTE/TM2

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



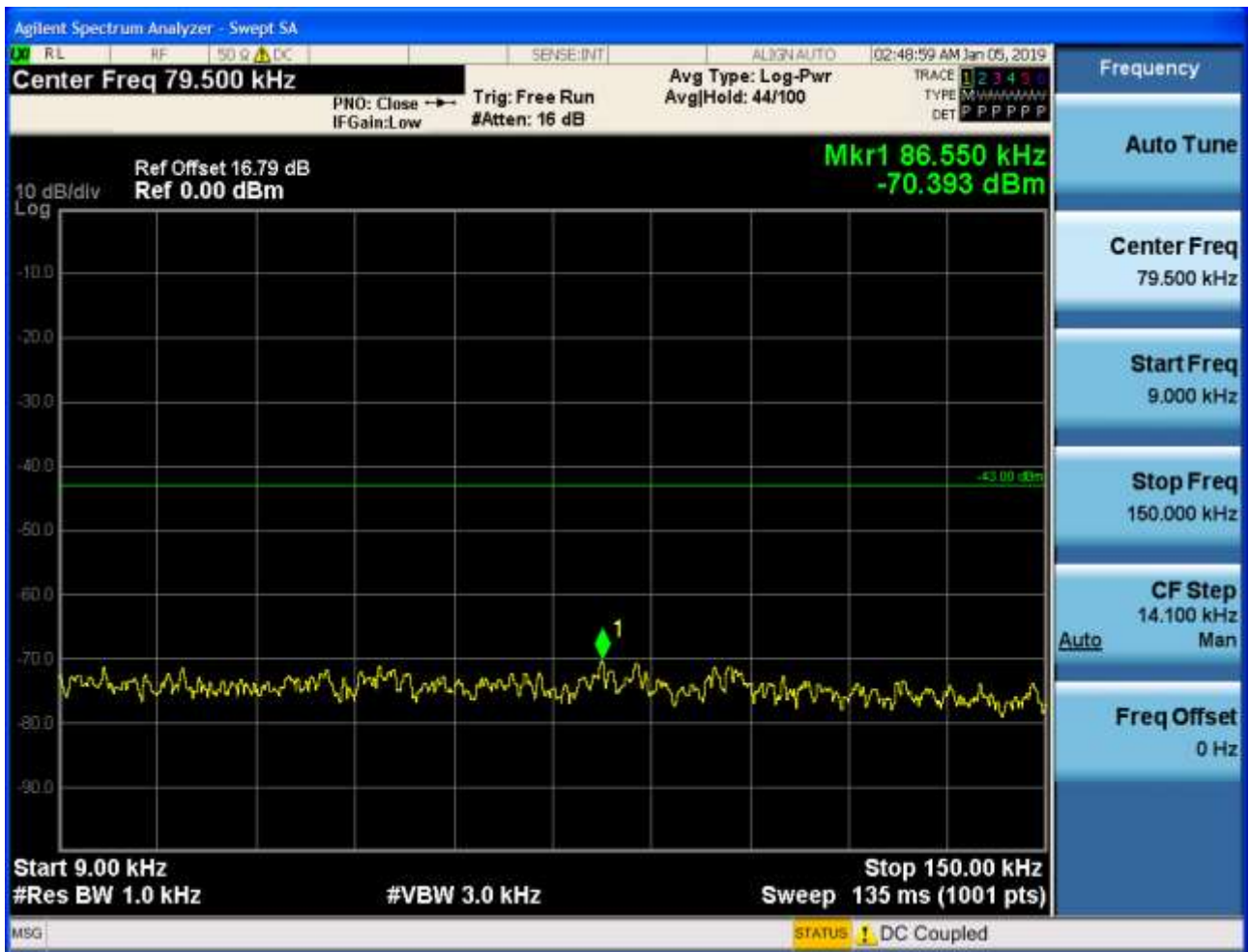






6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0



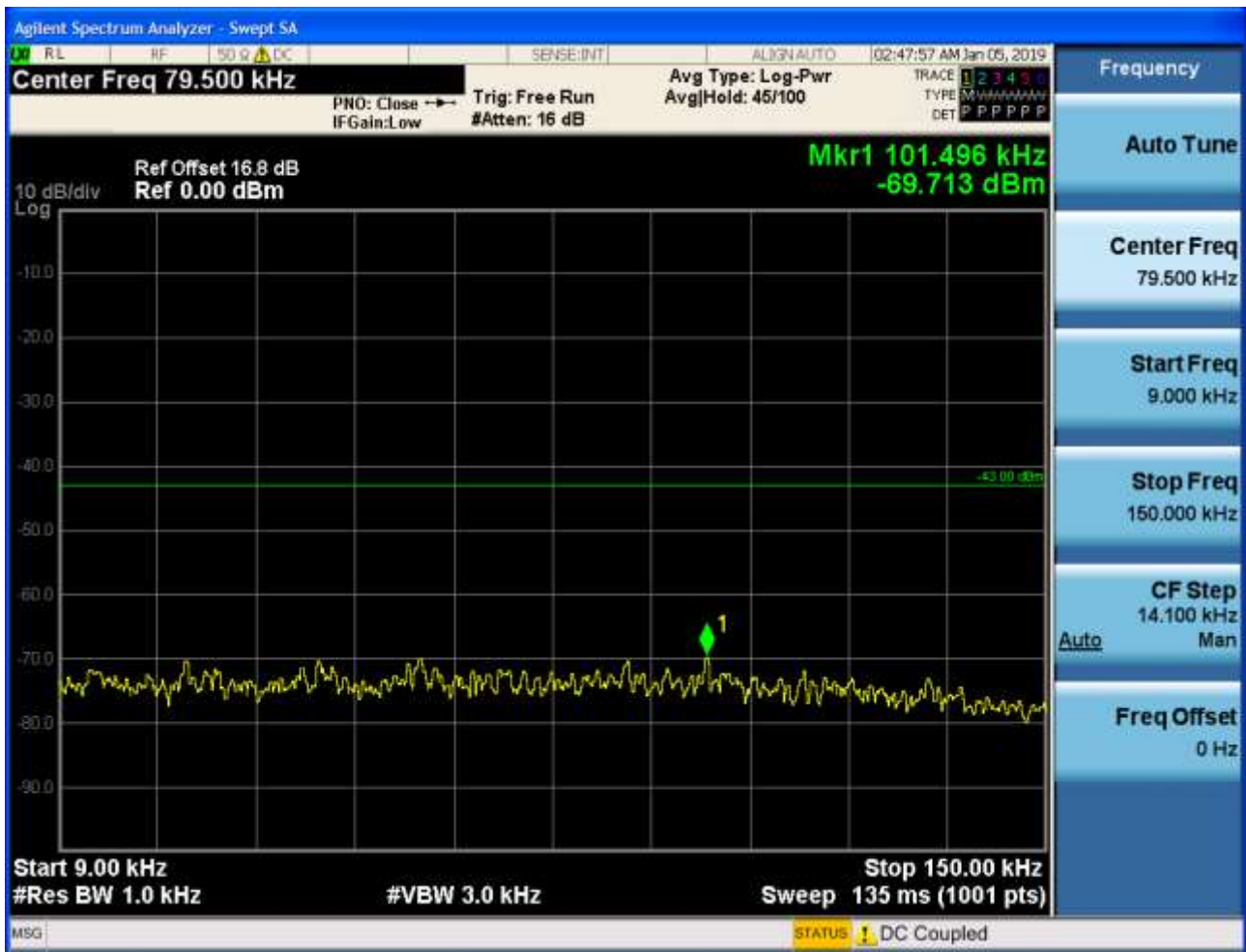


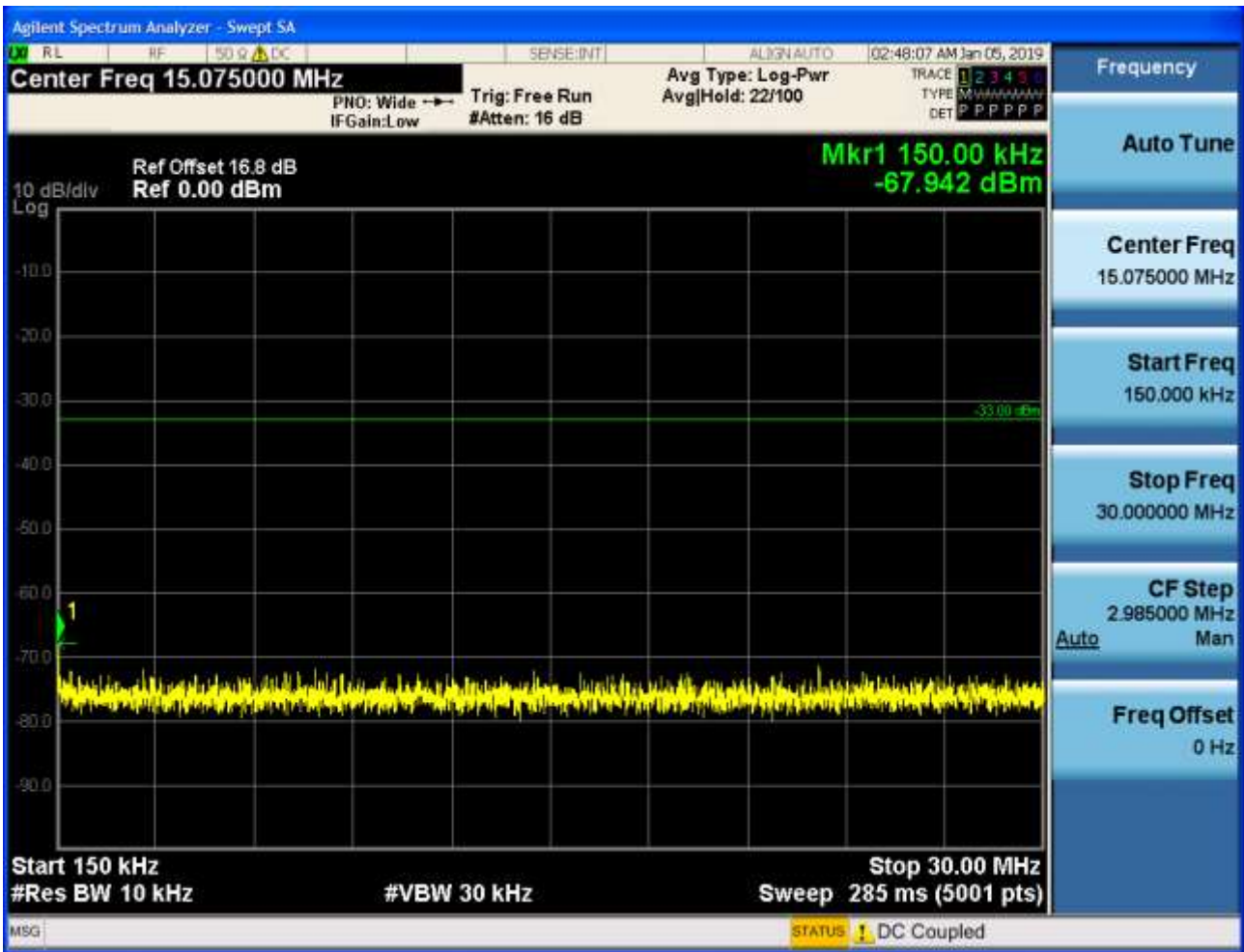




6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0

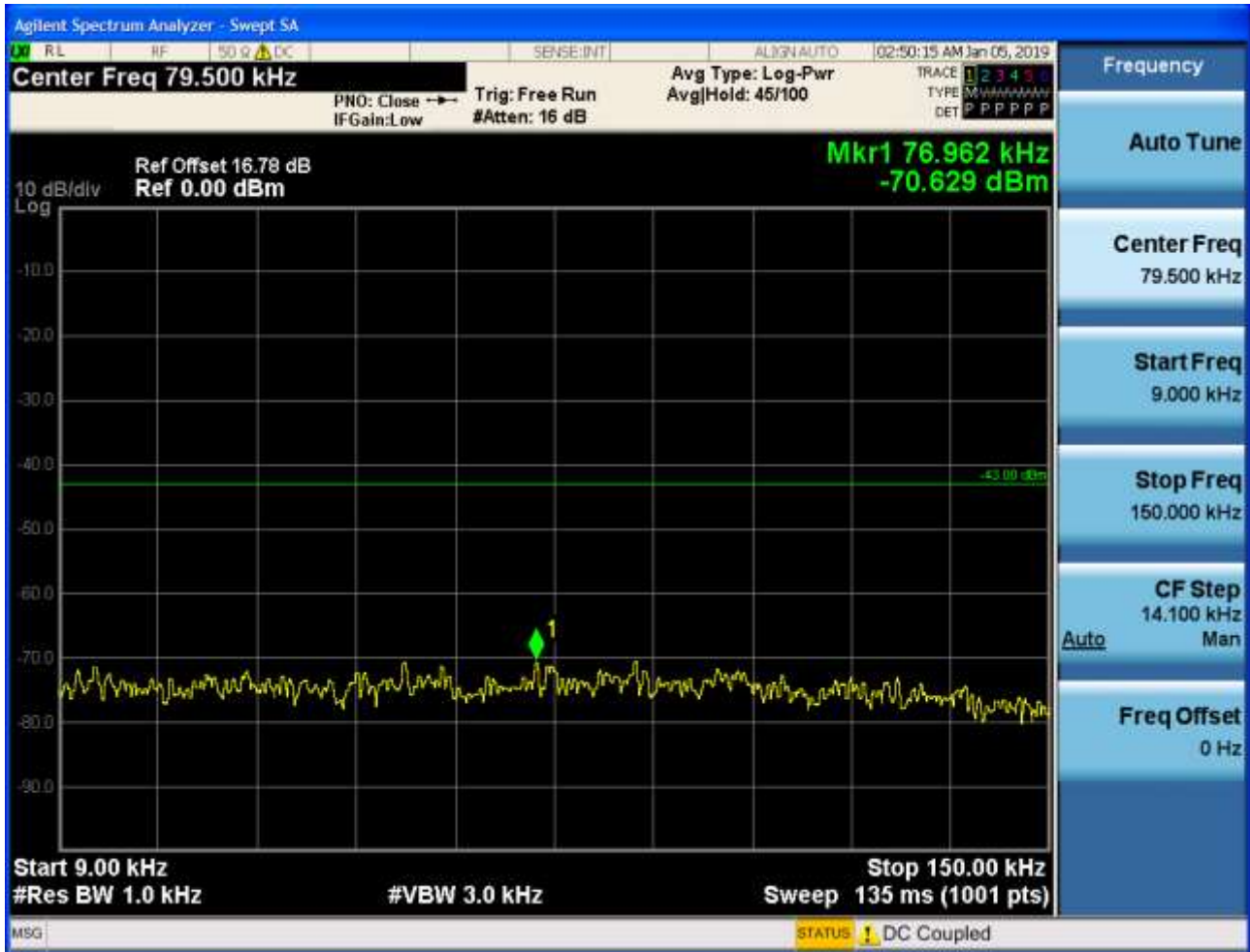


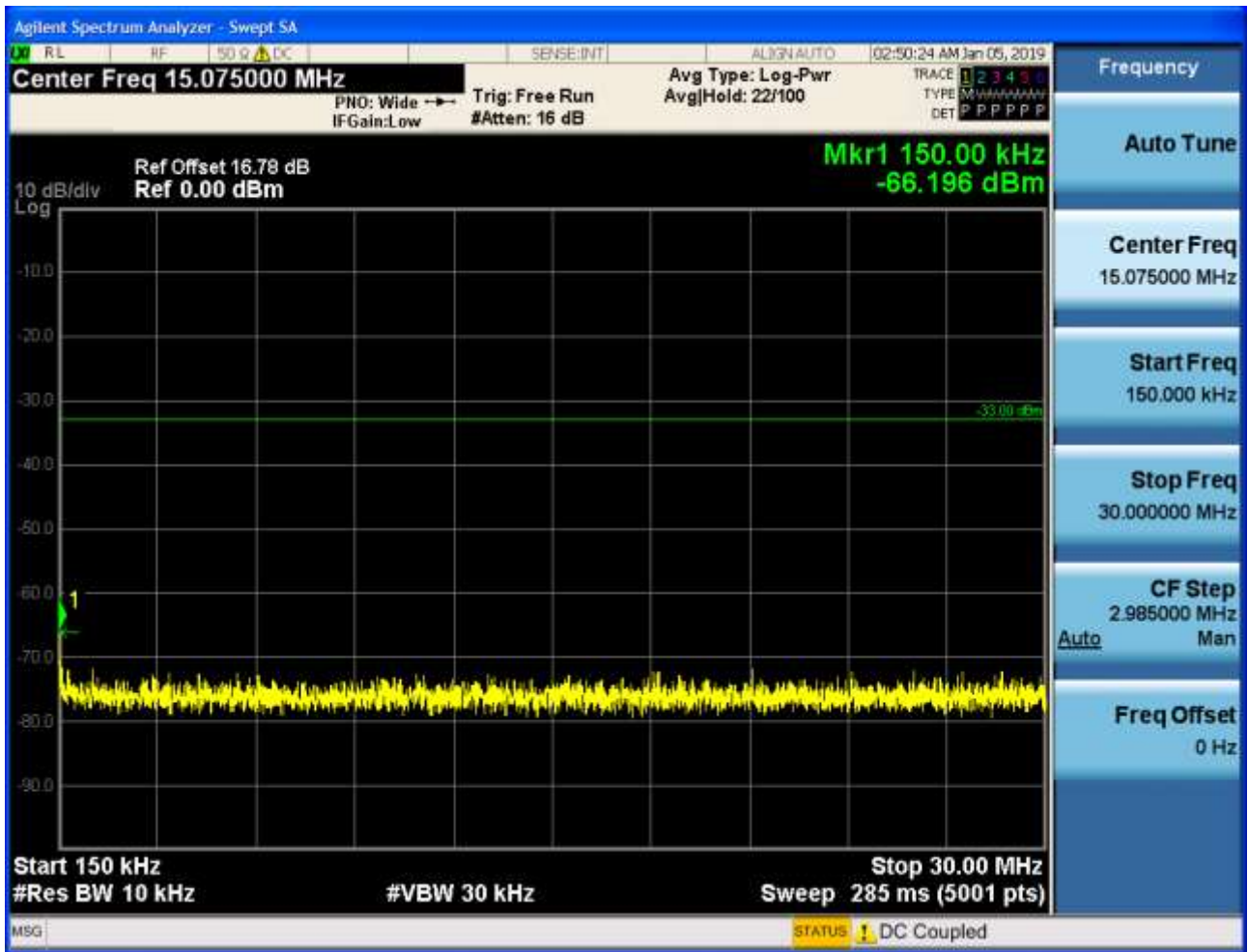


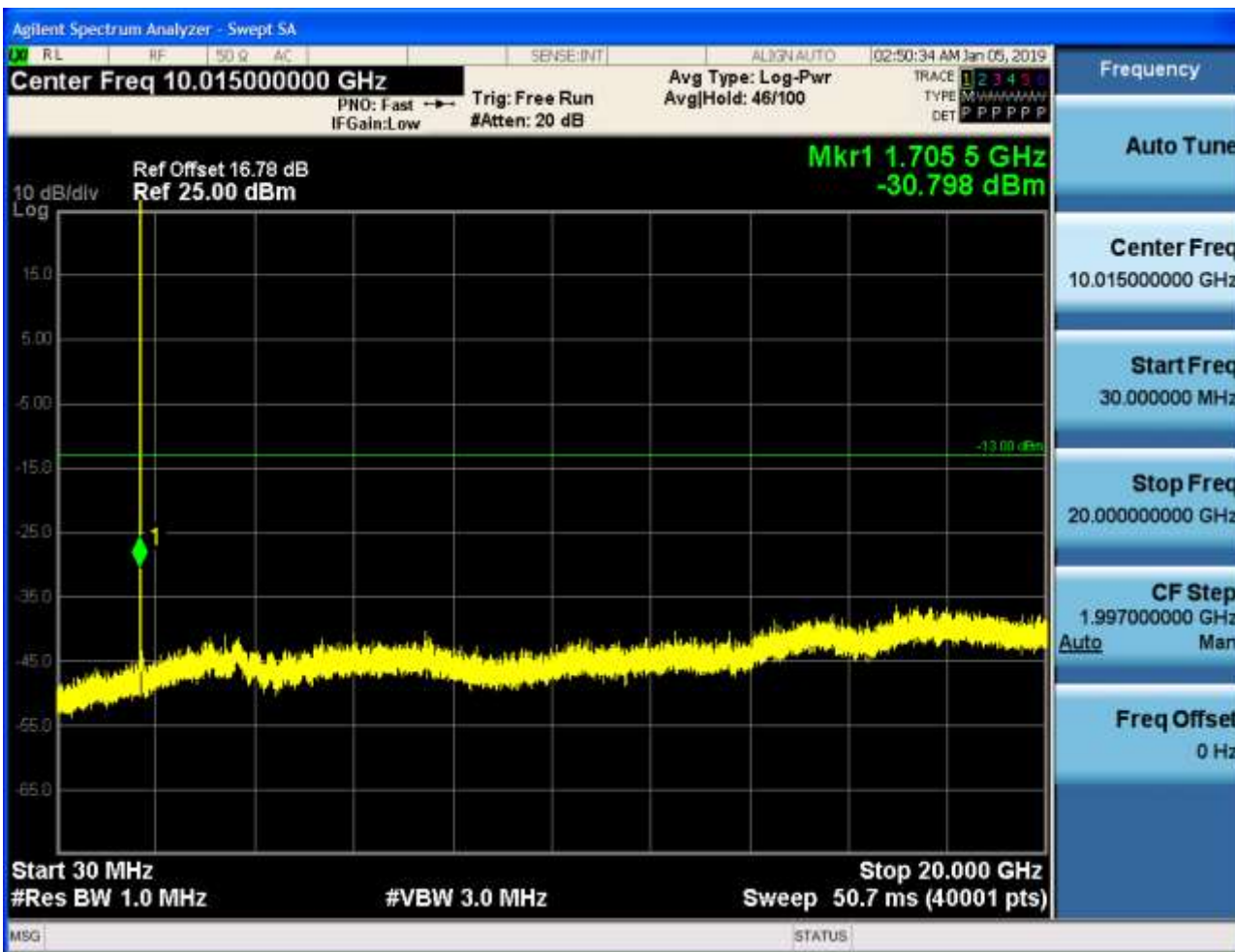
6.2.1.2.2 Test Bandwidth = 3

6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0





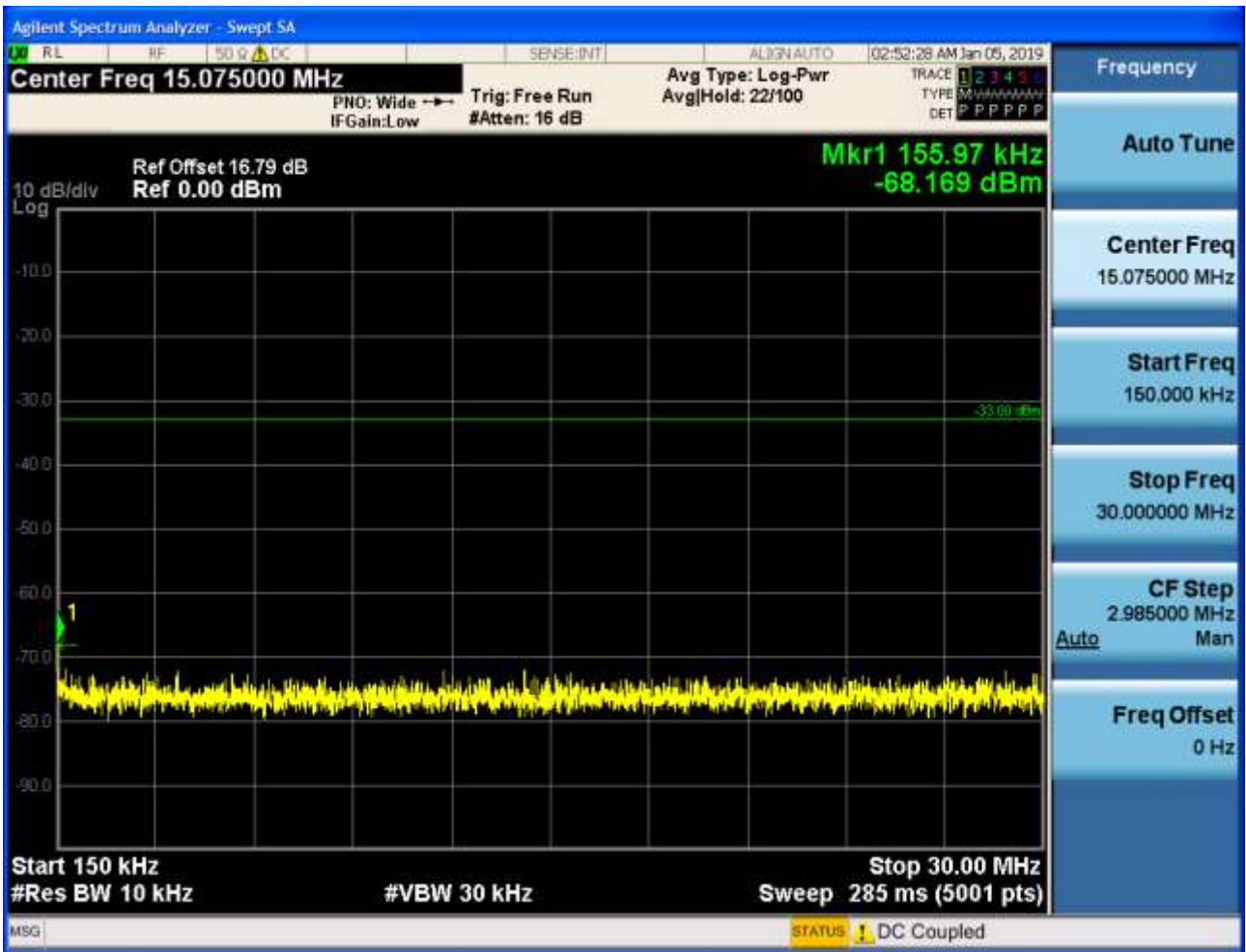


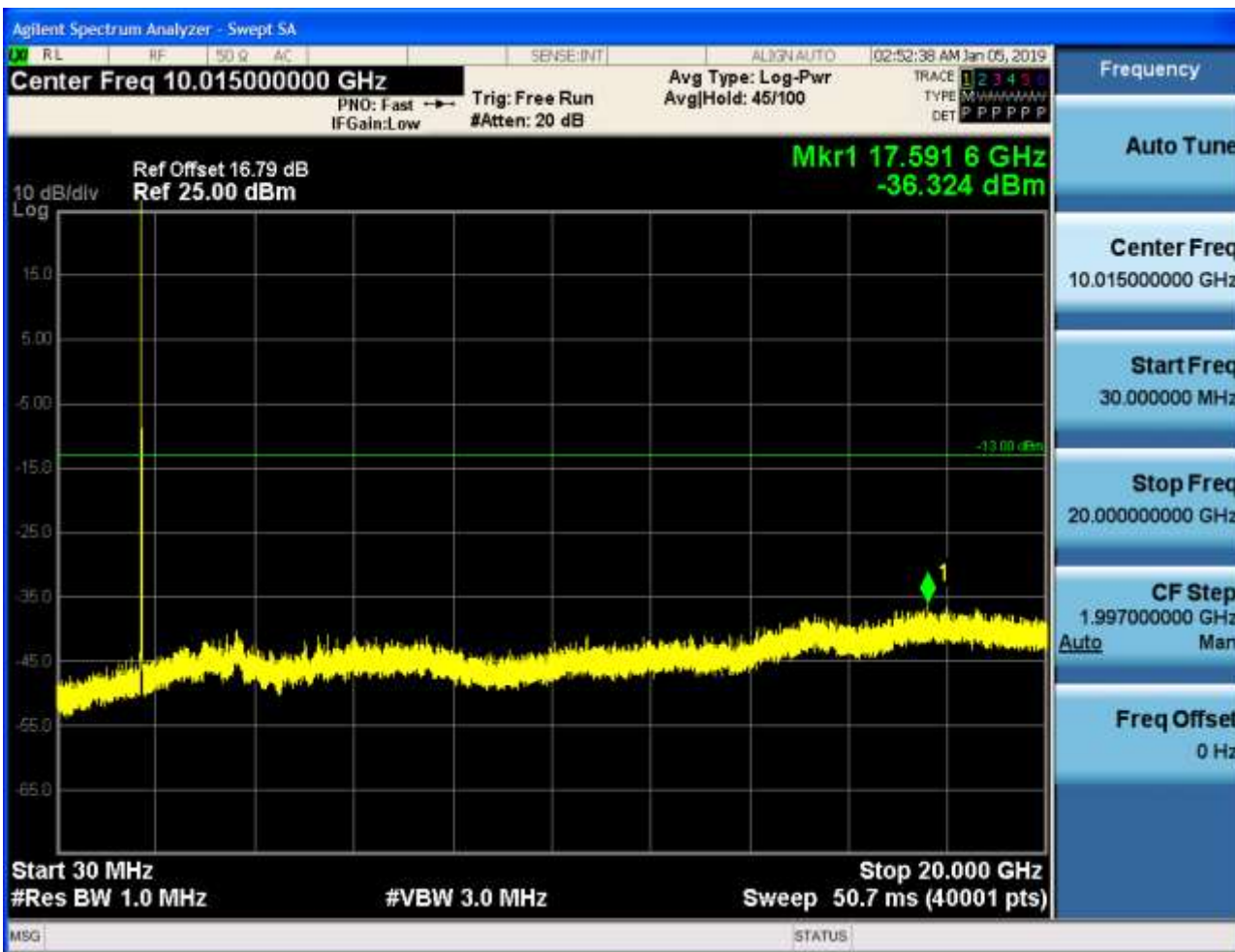


6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.2.1 Test RB = RB1#0



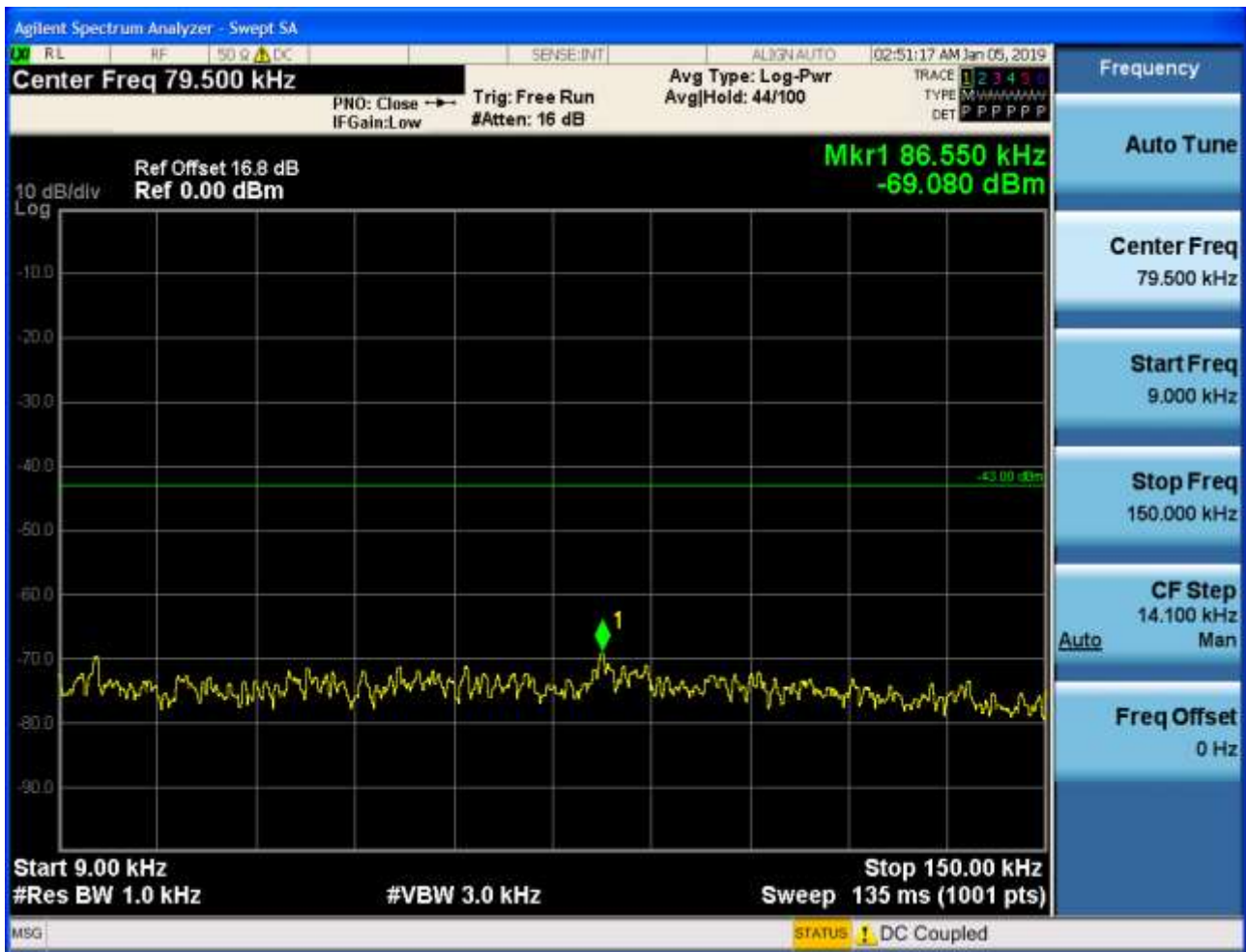




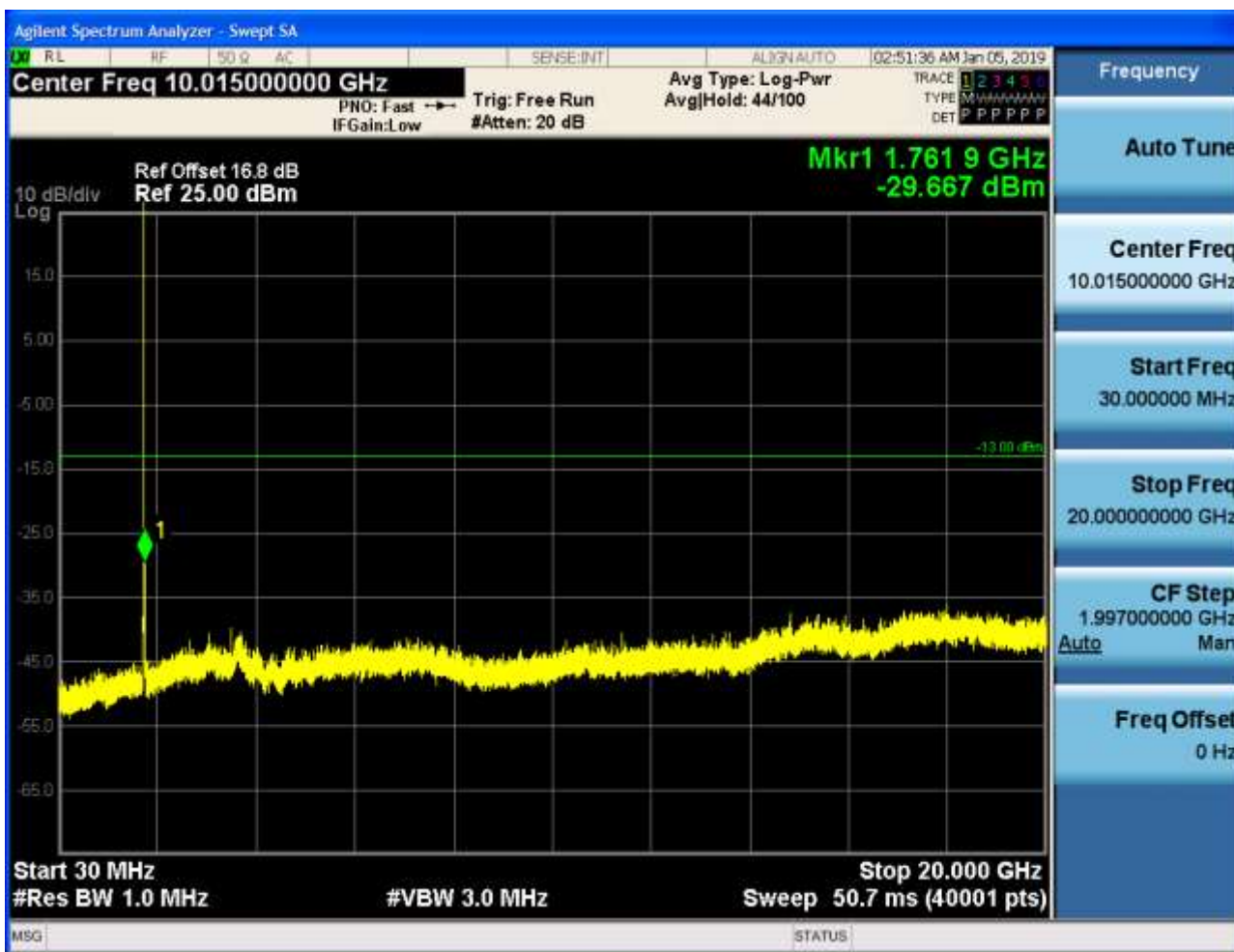


6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0



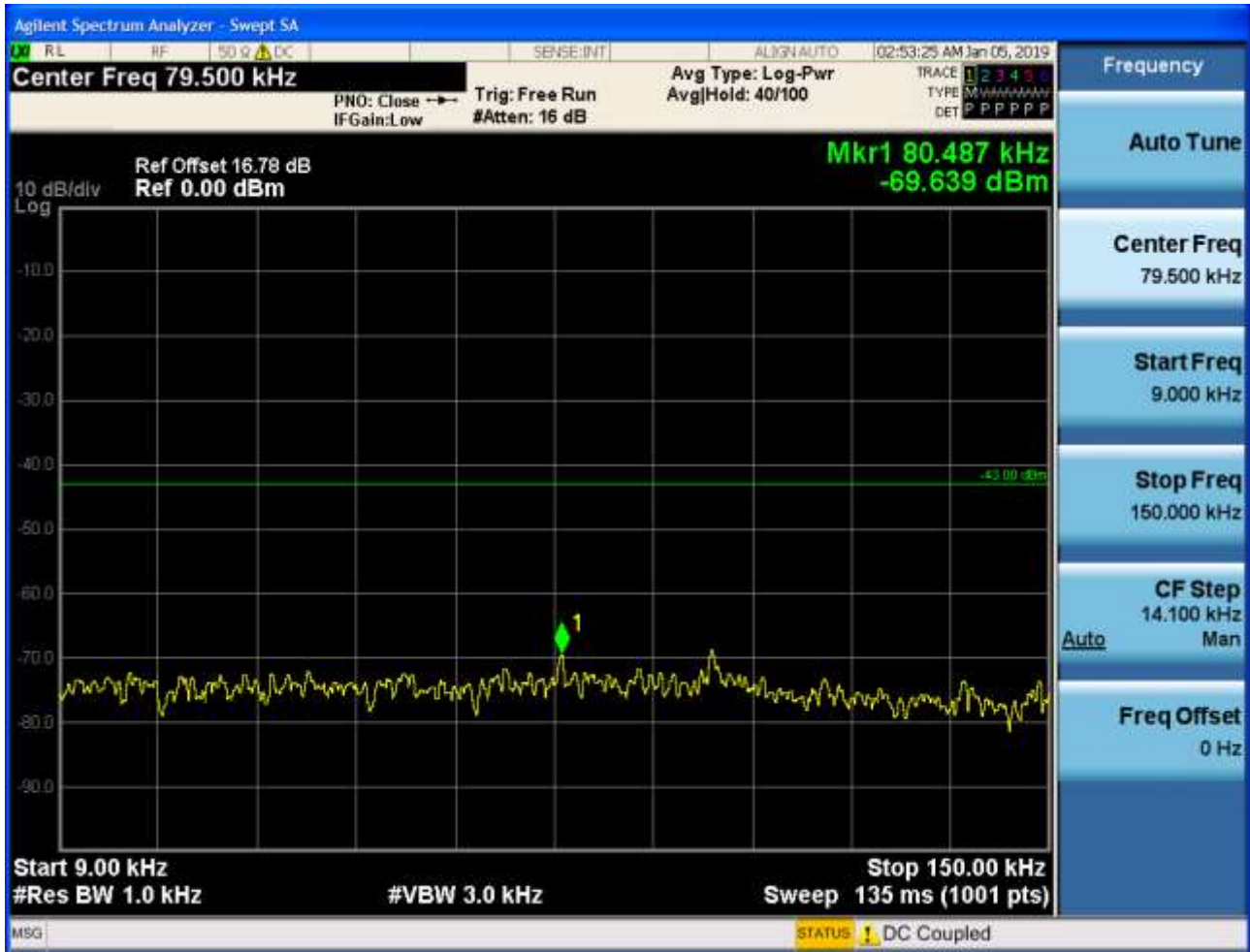


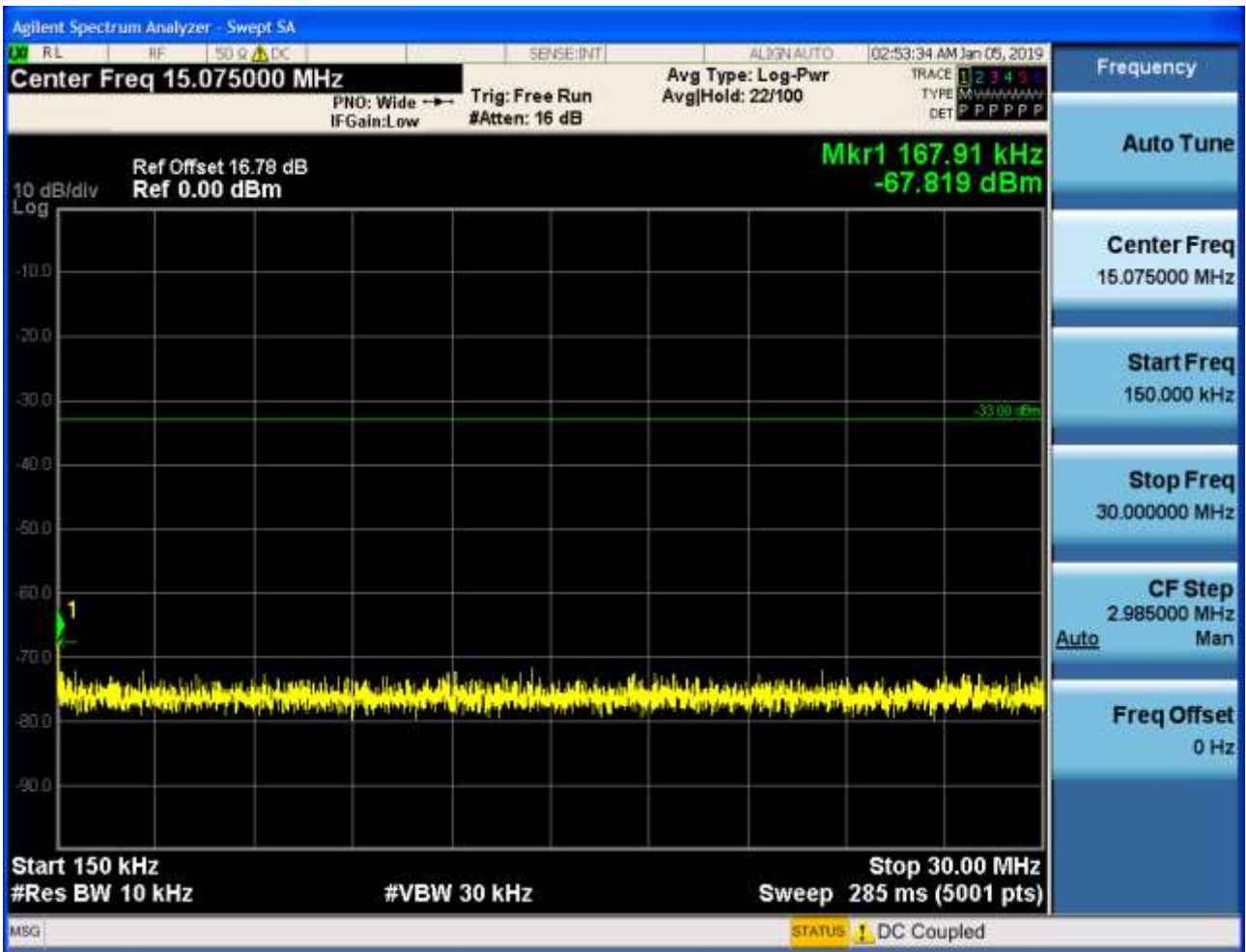


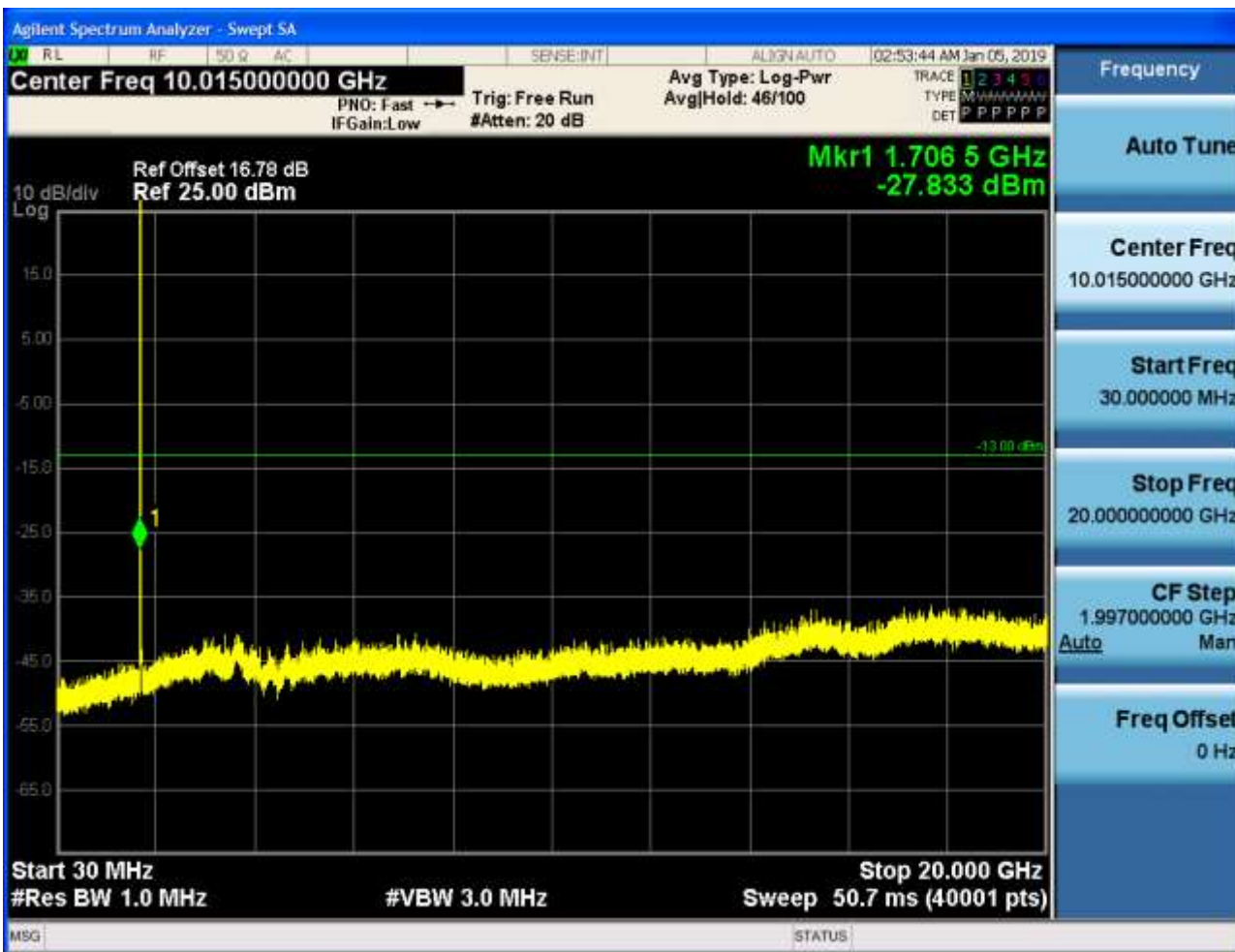
6.2.1.2.3 Test Bandwidth = 5

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0



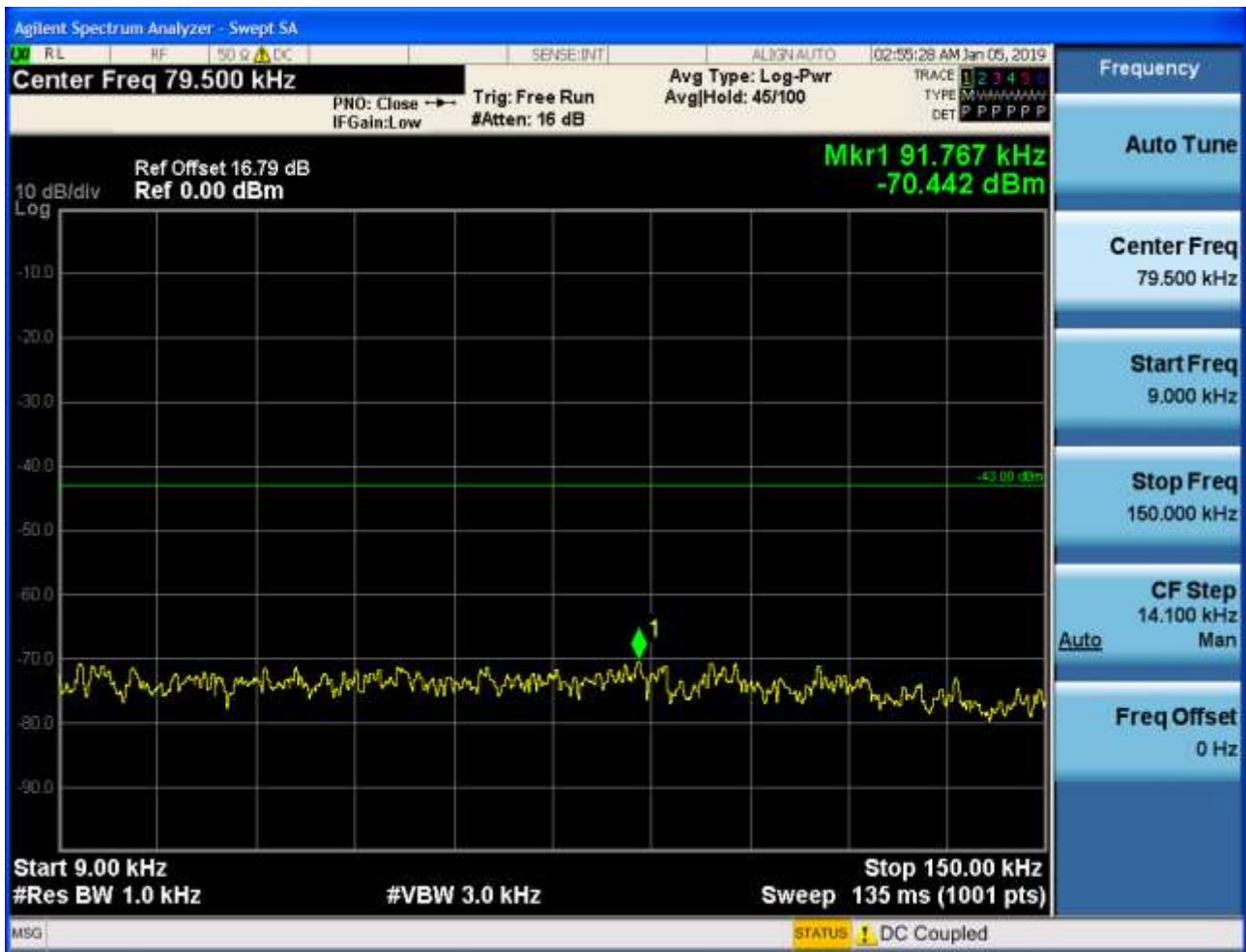


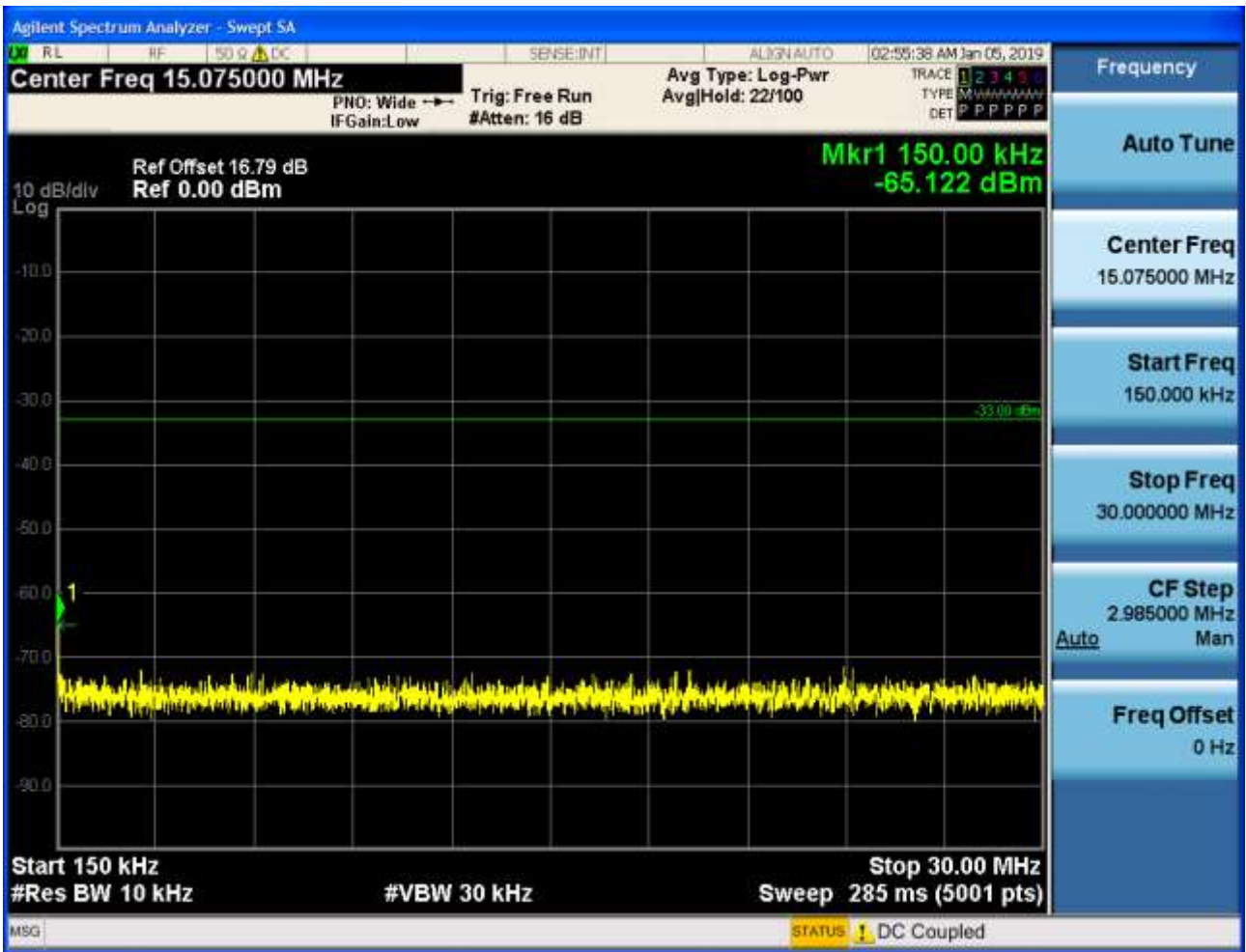




6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0



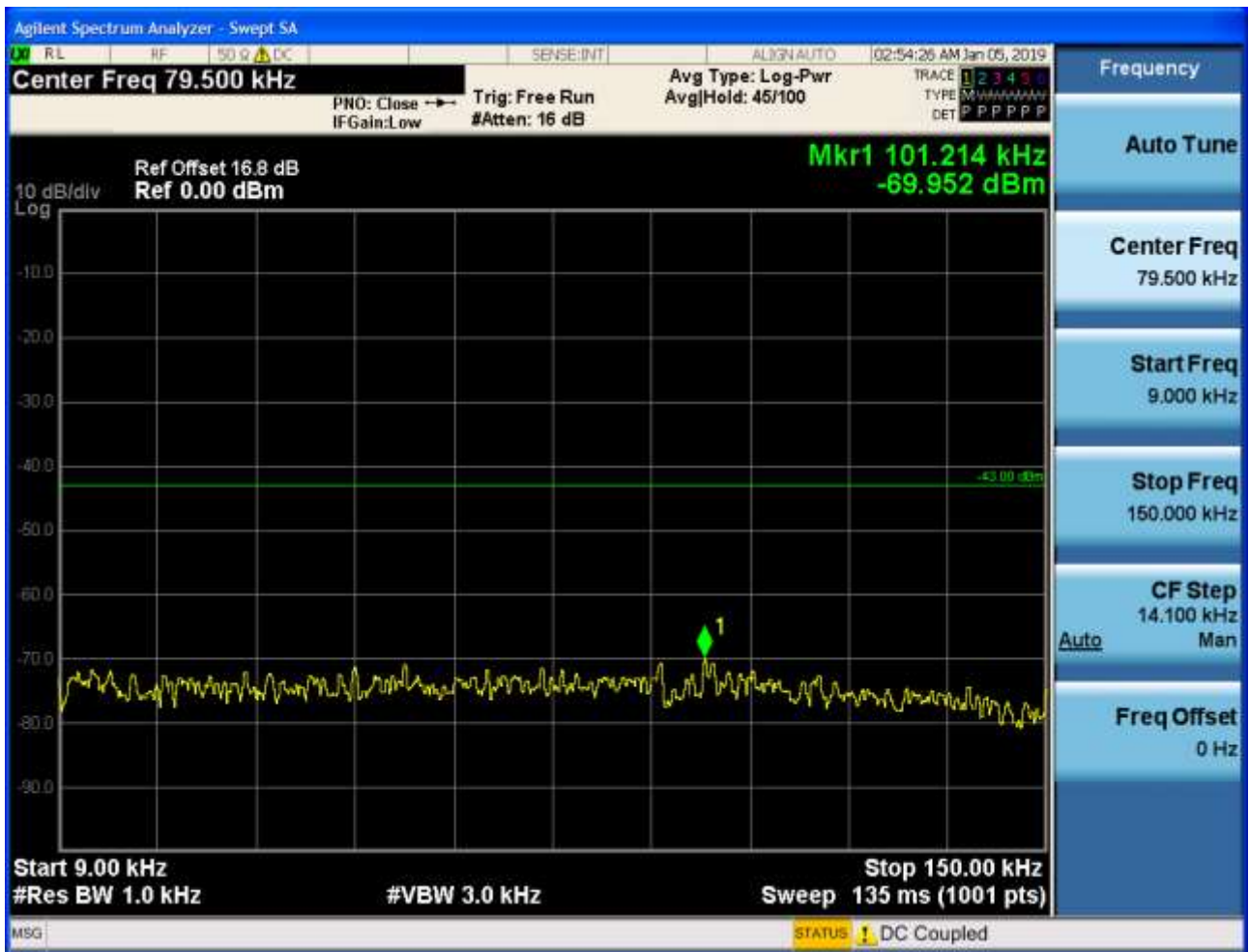


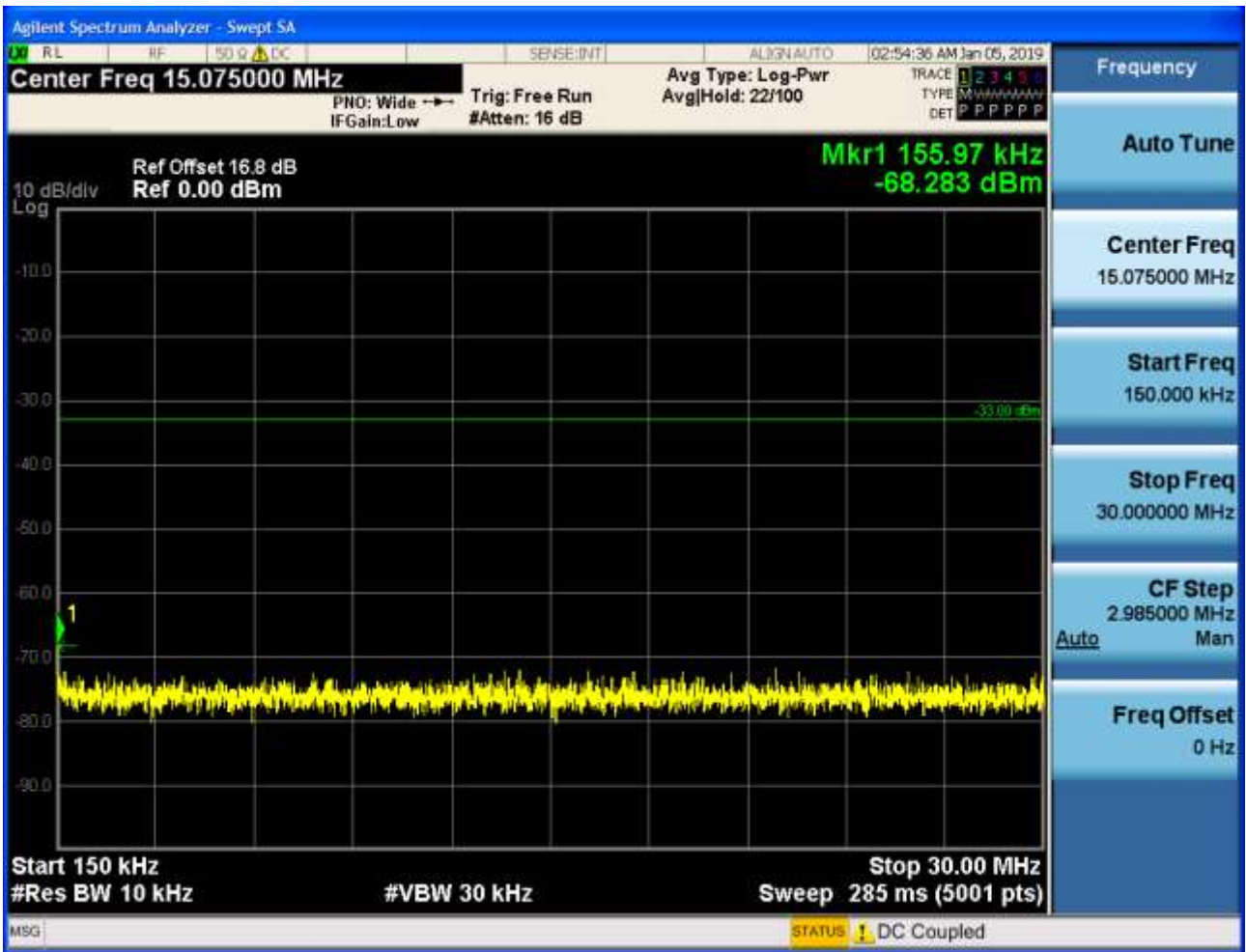




6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0





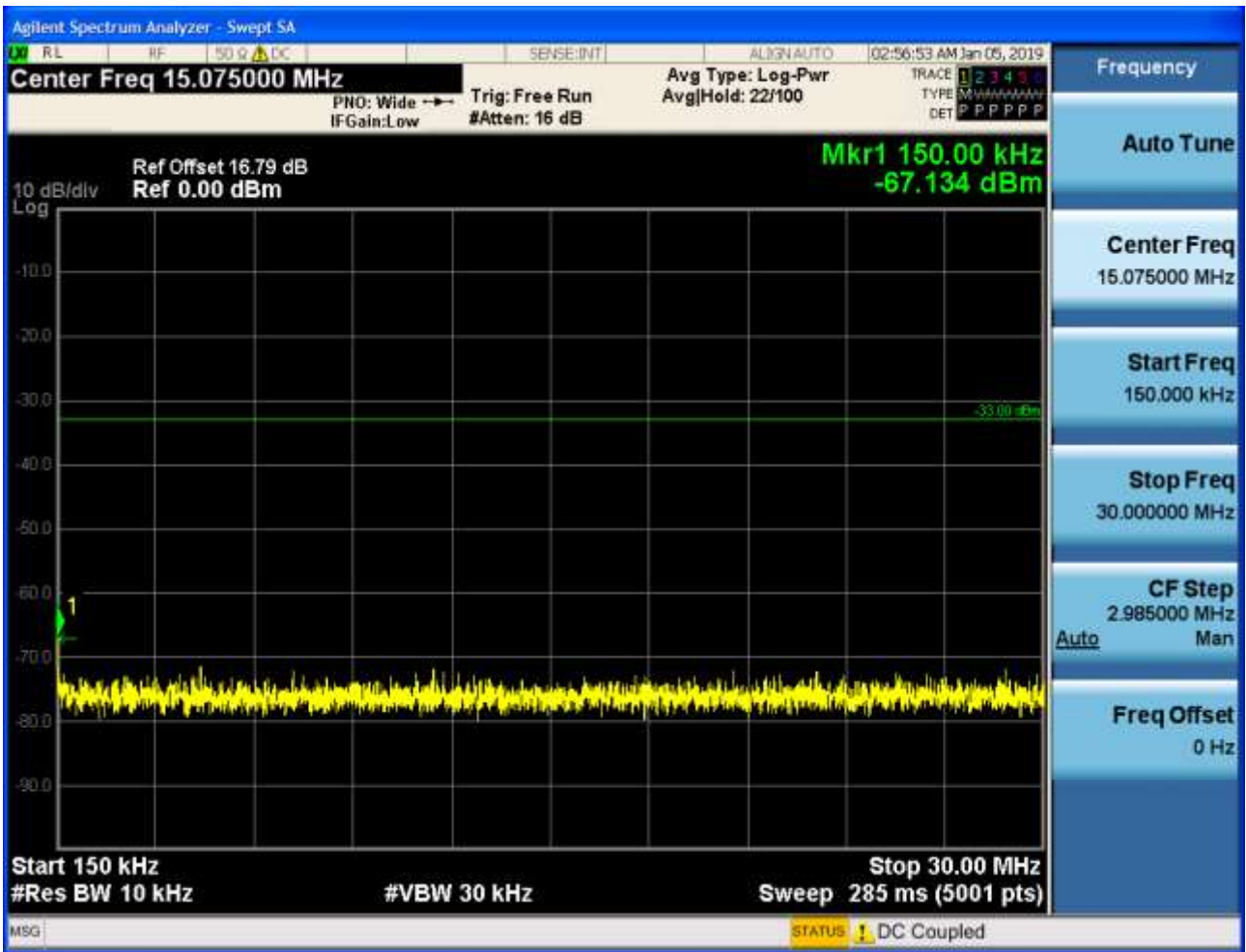


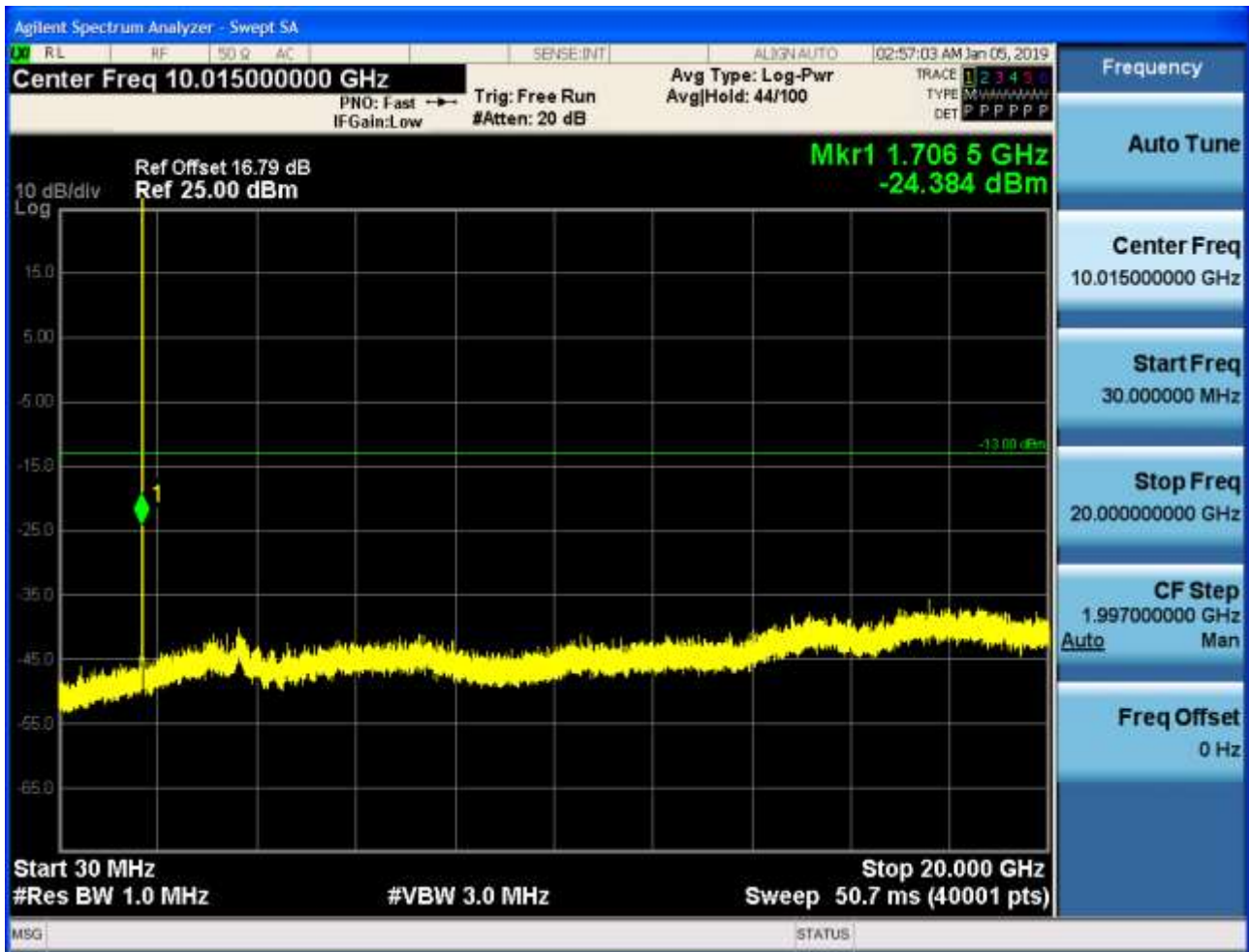
6.2.1.2.4 Test Bandwidth = 10

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







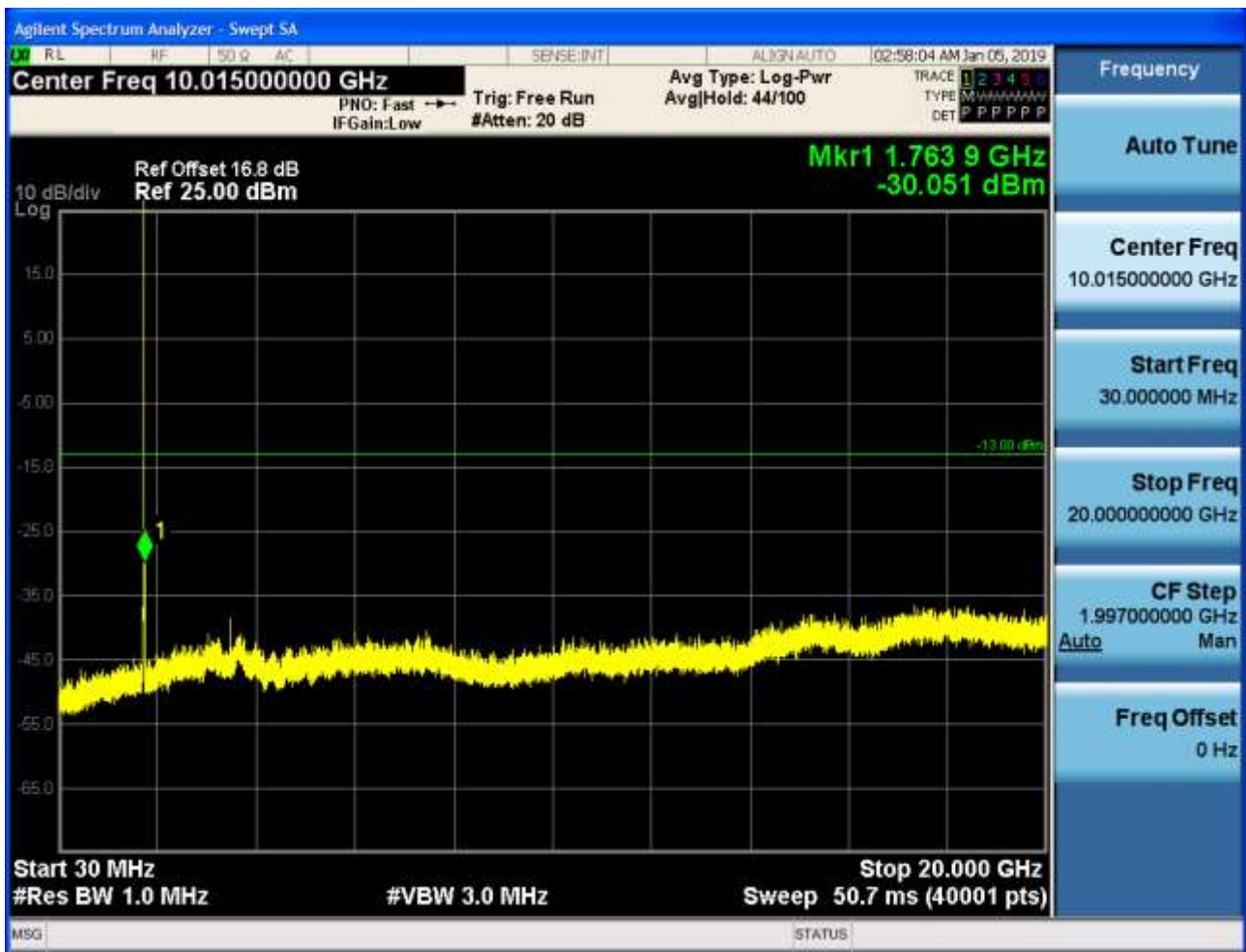


6.2.1.2.4.3 Test Channel = HCH

6.2.1.2.4.3.1 Test RB = RB1#0





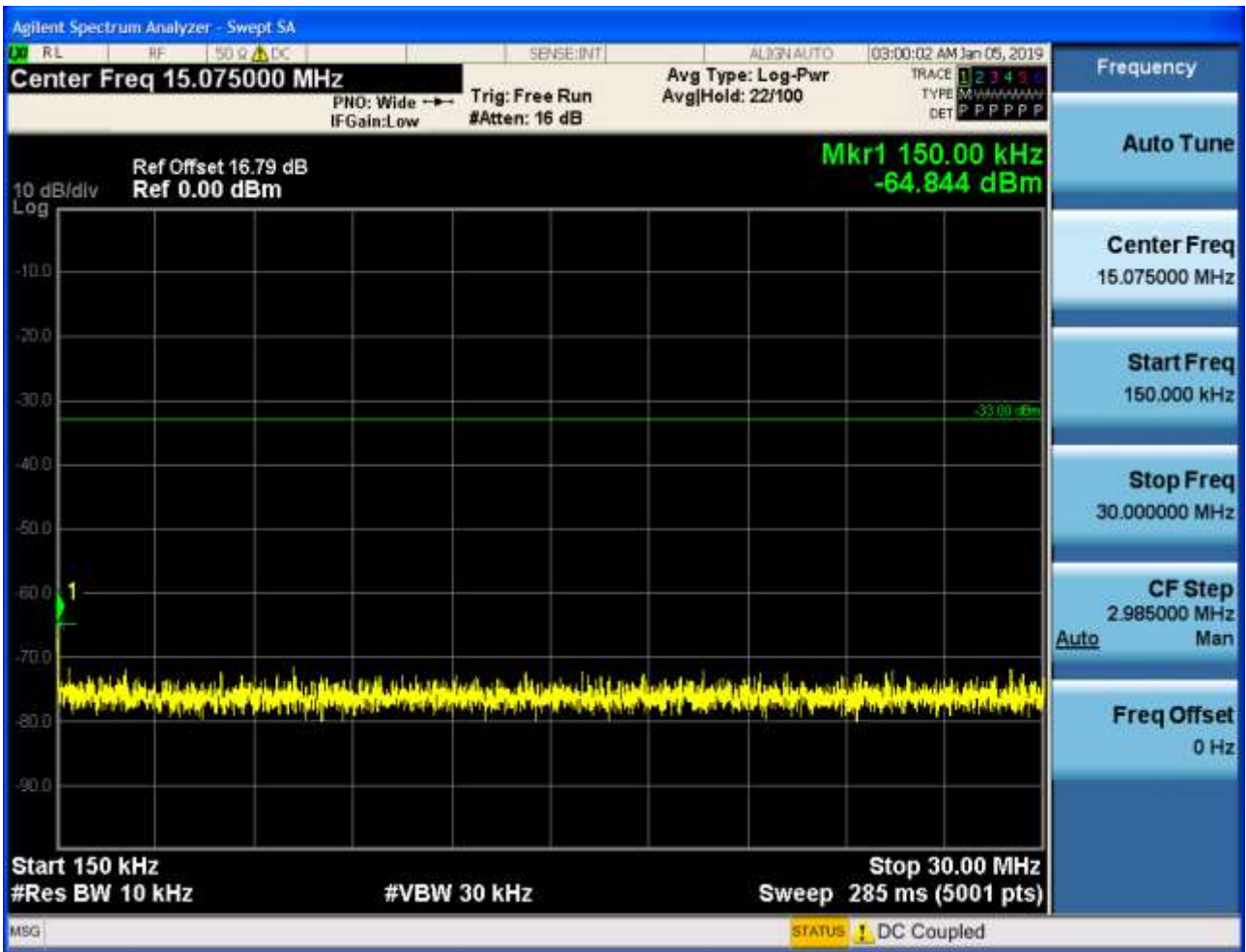


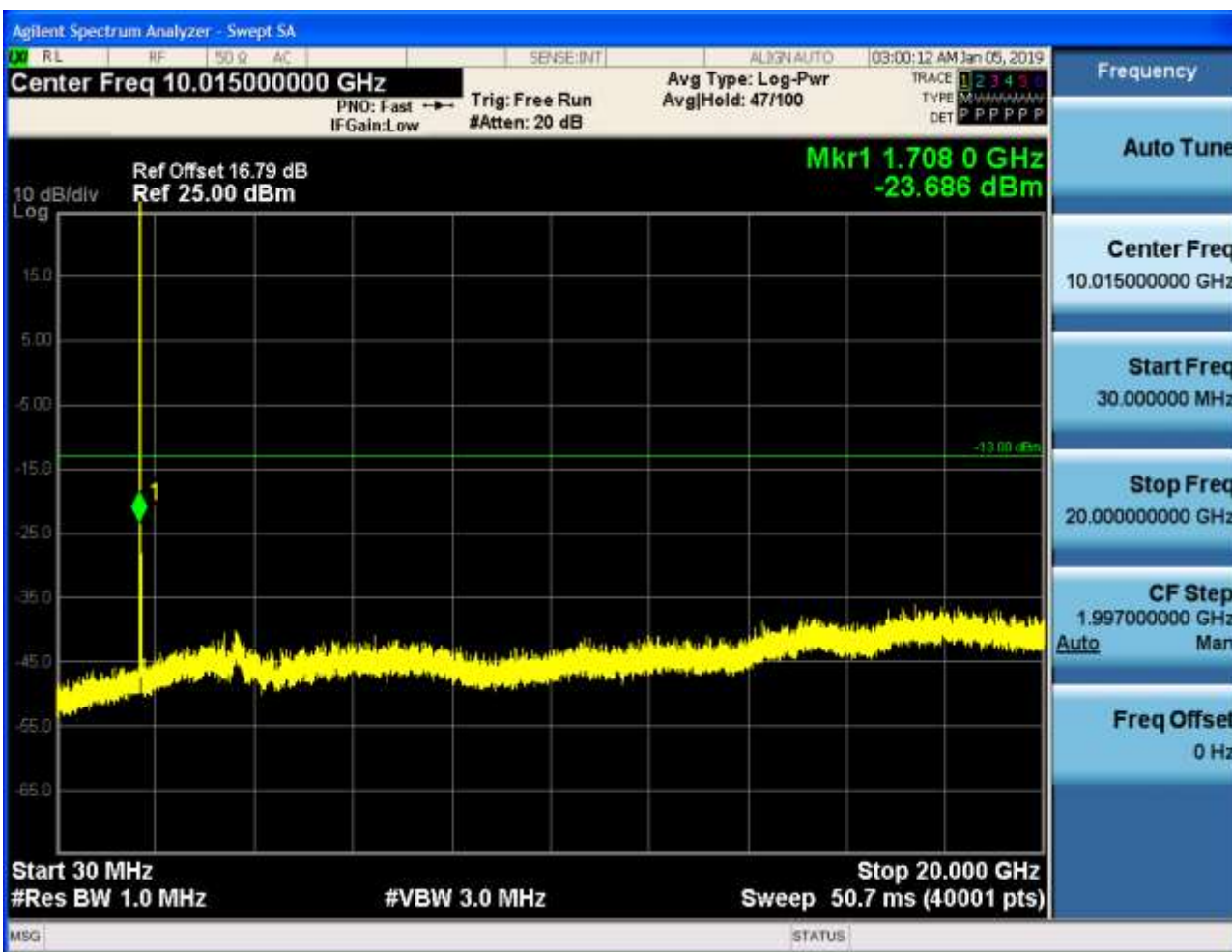
6.2.1.2.5 Test Bandwidth = 15

6.2.1.2.5.1 Test Channel = LCH

6.2.1.2.5.1.1 Test RB = RB1#0





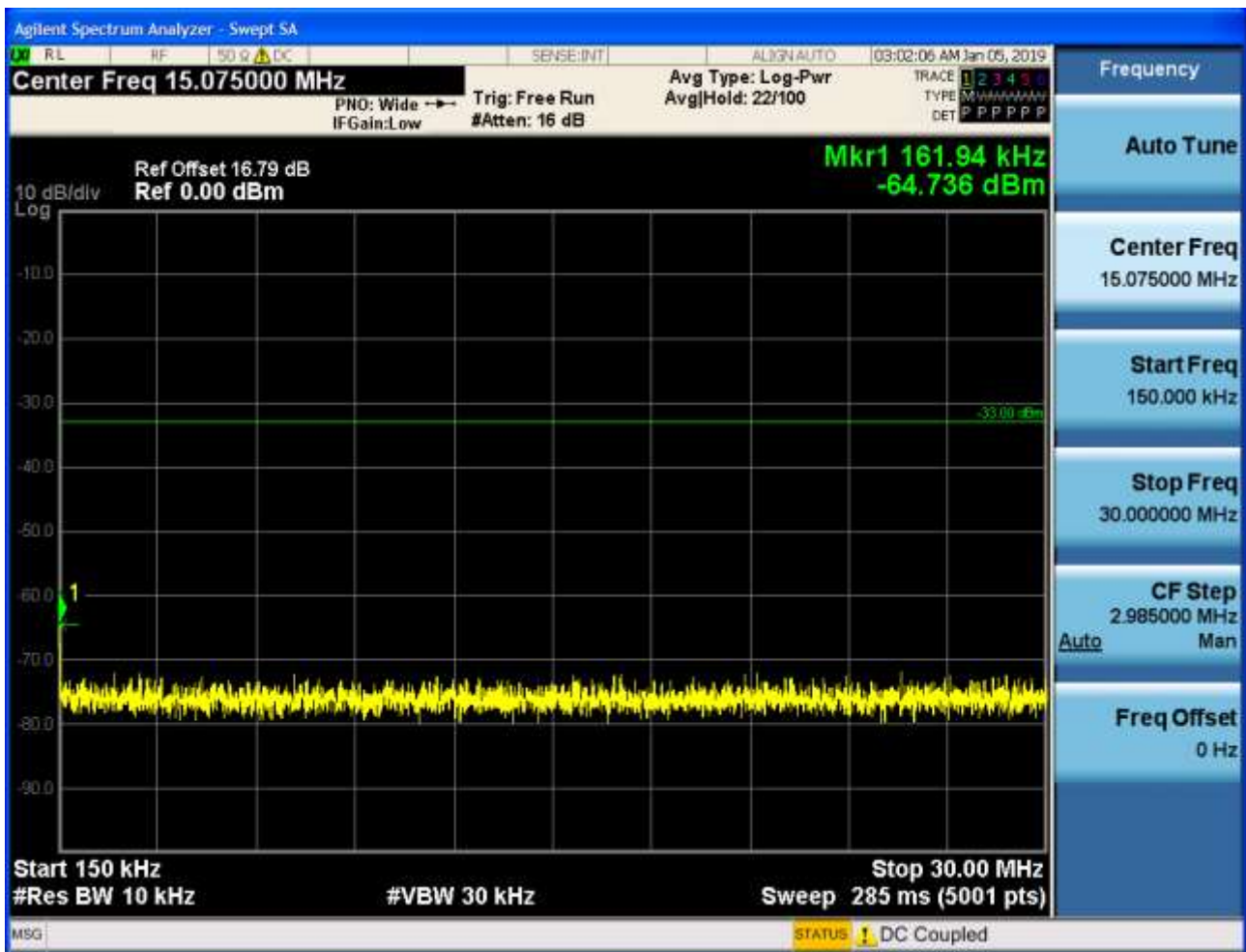




6.2.1.2.5.2 Test Channel = MCH

6.2.1.2.5.2.1 Test RB = RB1#0

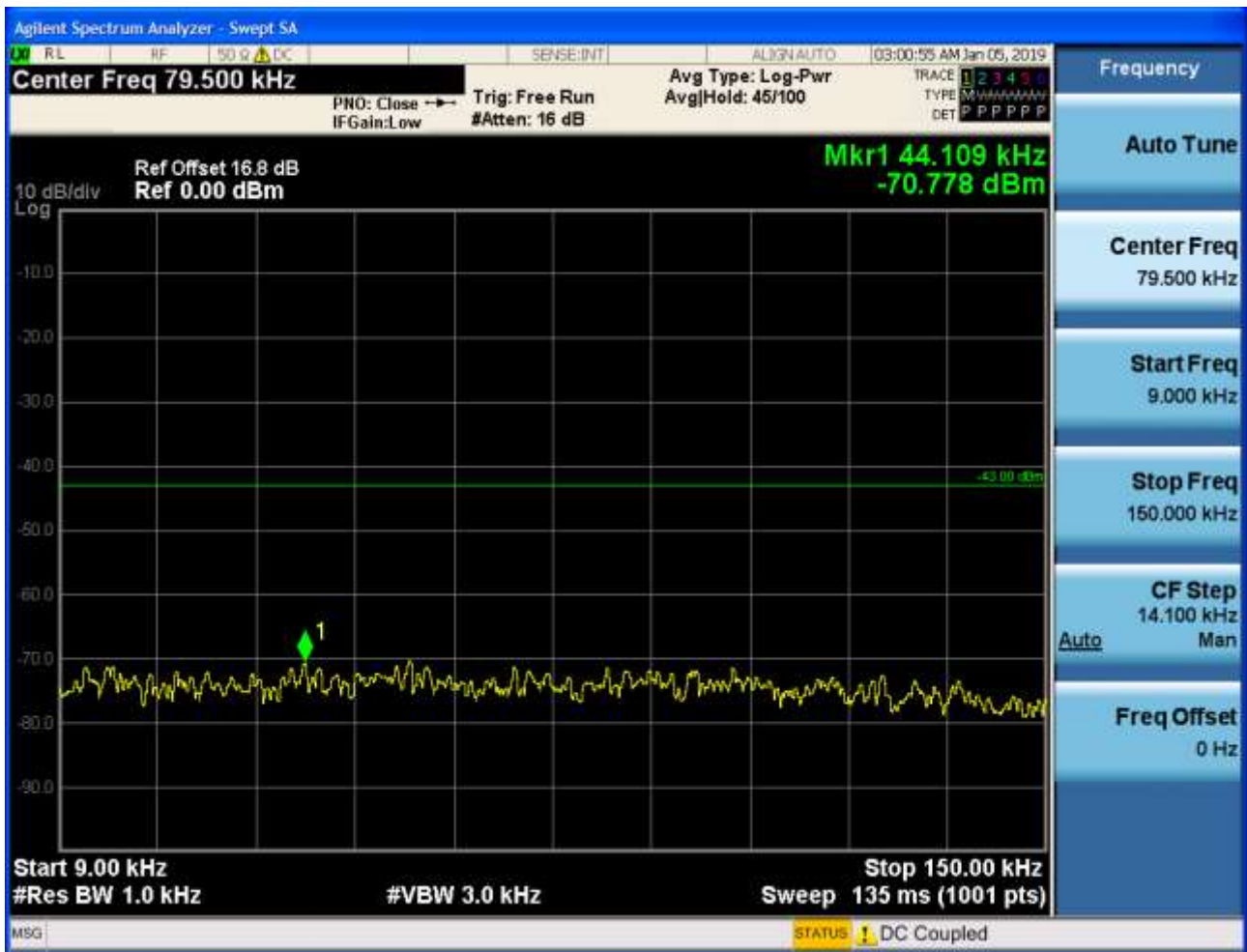


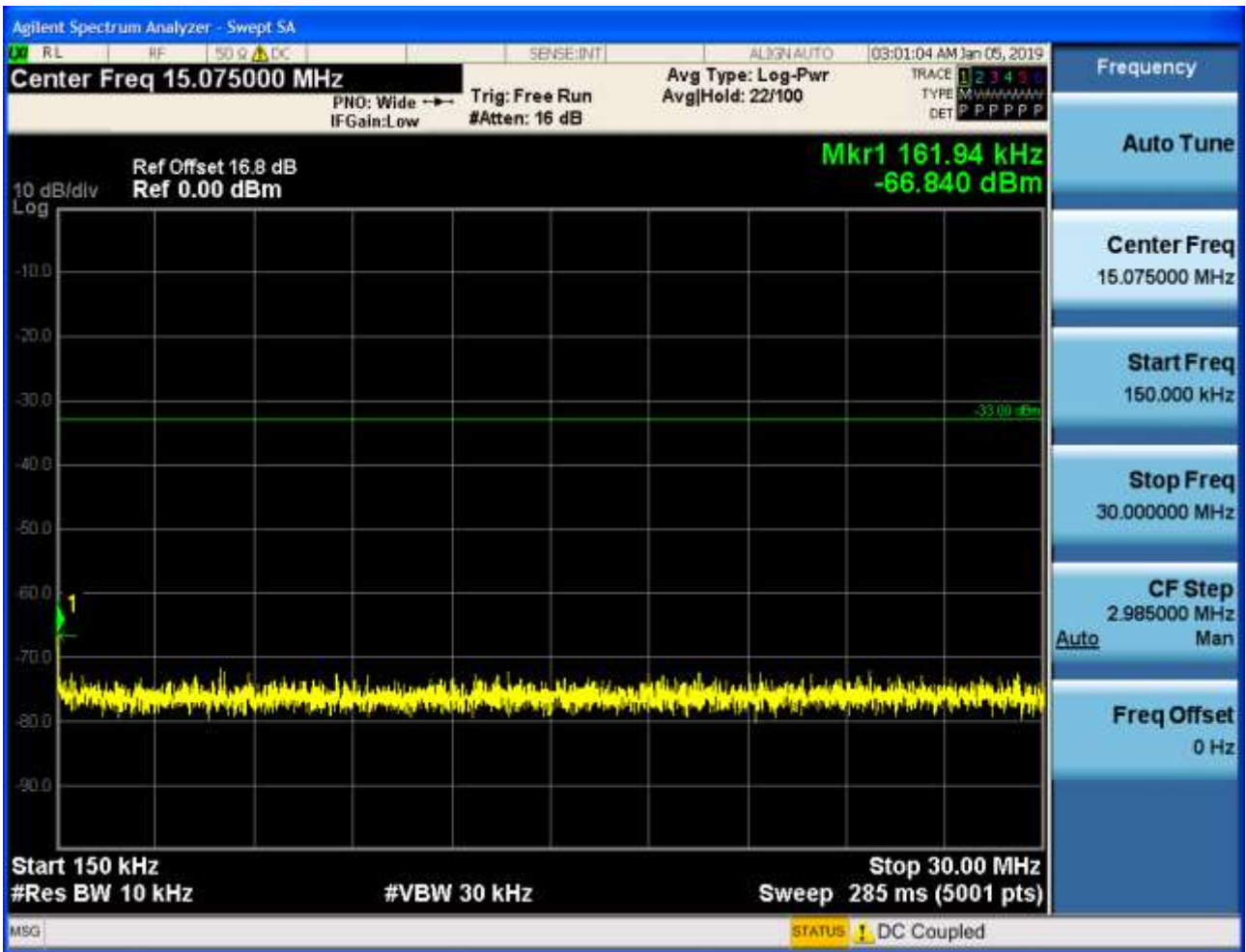


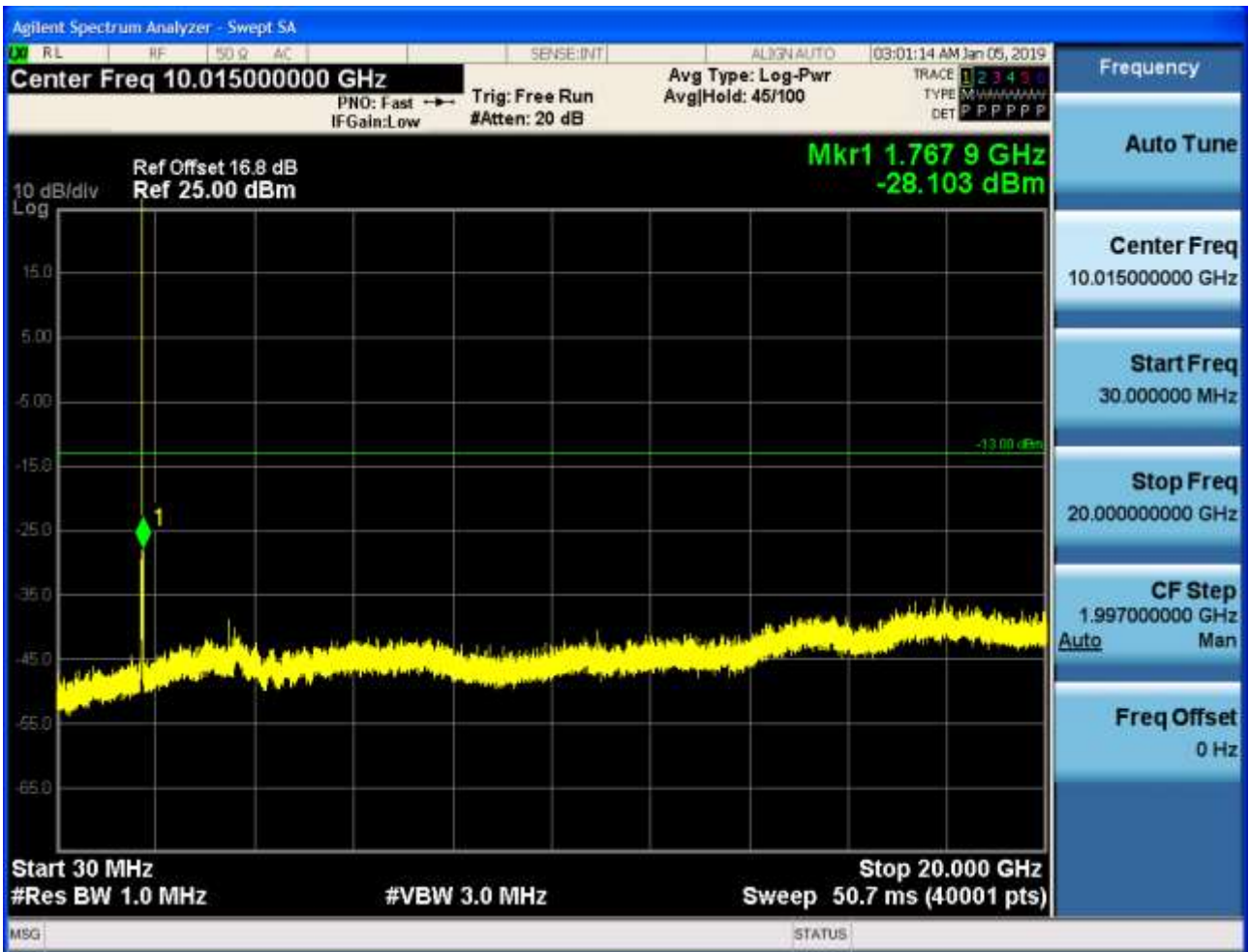


6.2.1.2.5.3 Test Channel = HCH

6.2.1.2.5.3.1 Test RB = RB1#0





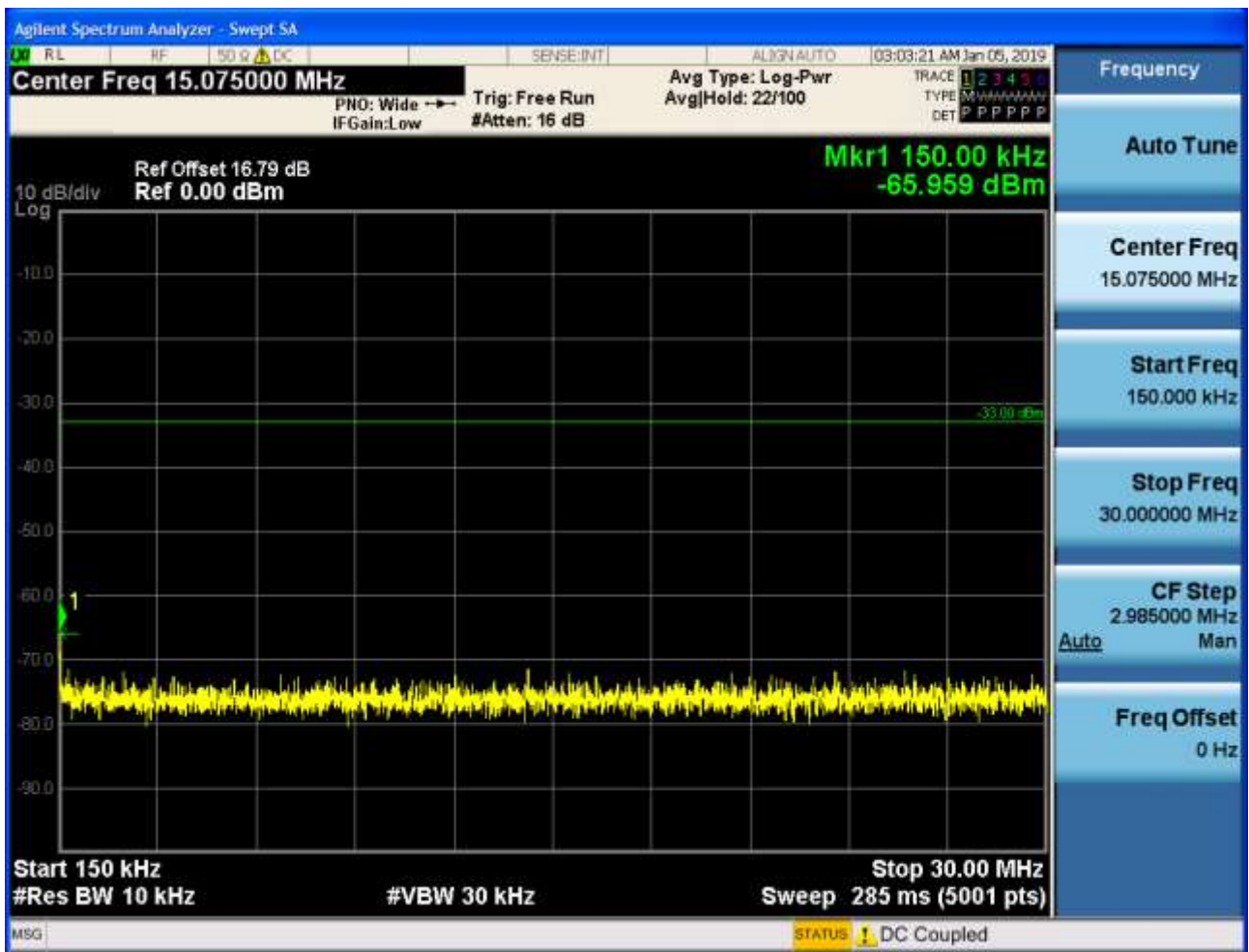


6.2.1.2.6 Test Bandwidth = 20

6.2.1.2.6.1 Test Channel = LCH

6.2.1.2.6.1.1 Test RB = RB1#0



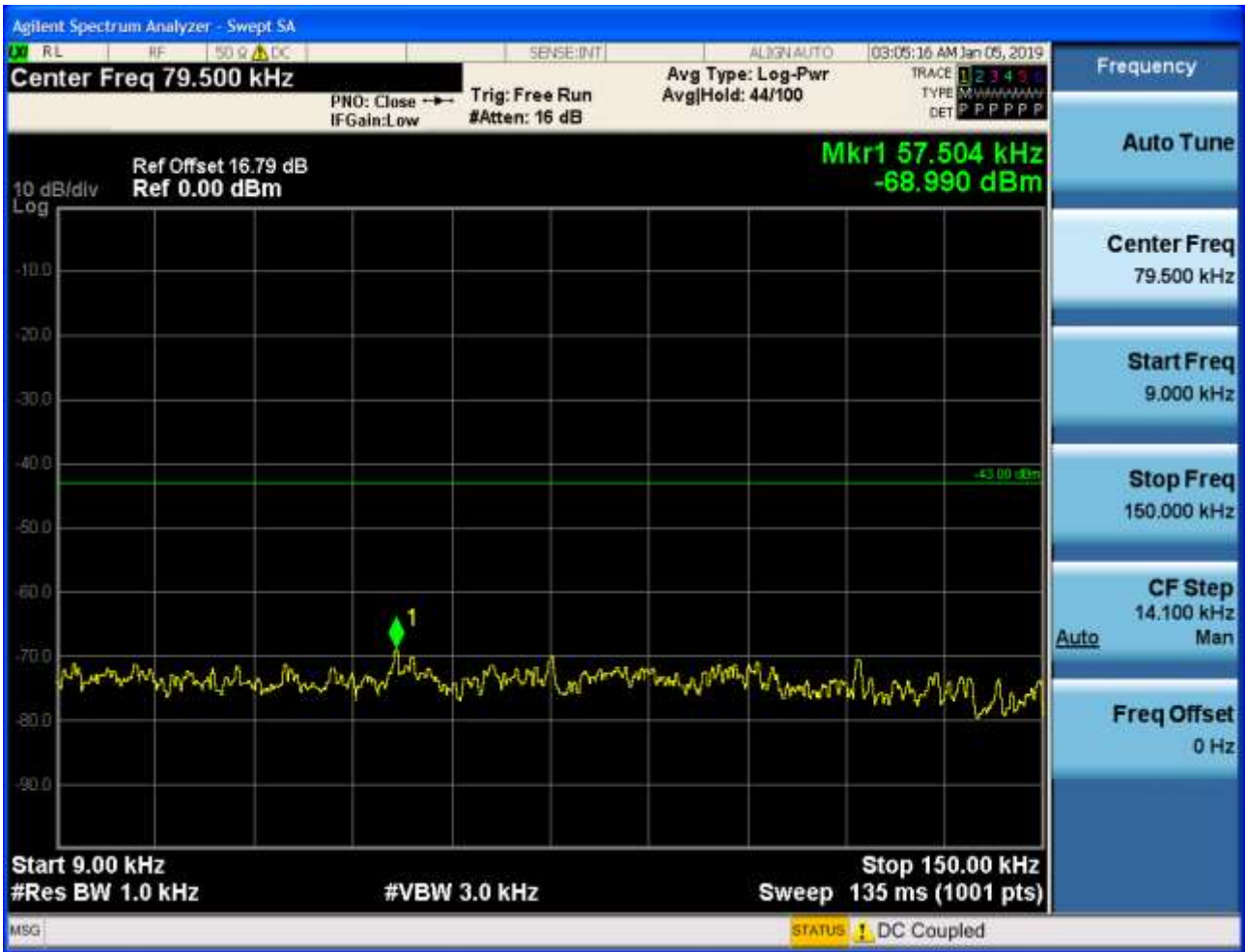




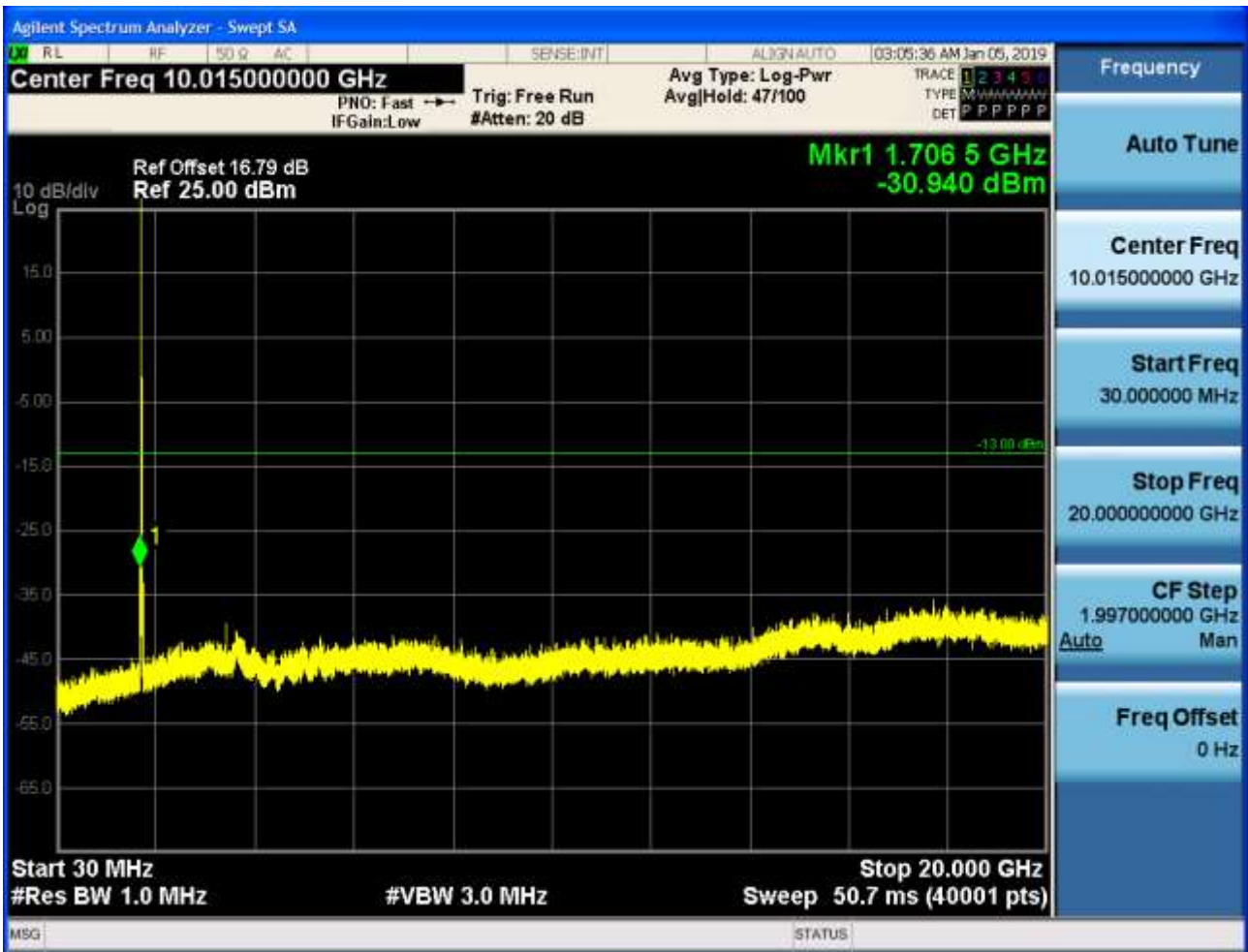


6.2.1.2.6.2 Test Channel = MCH

6.2.1.2.6.2.1 Test RB = RB1#0



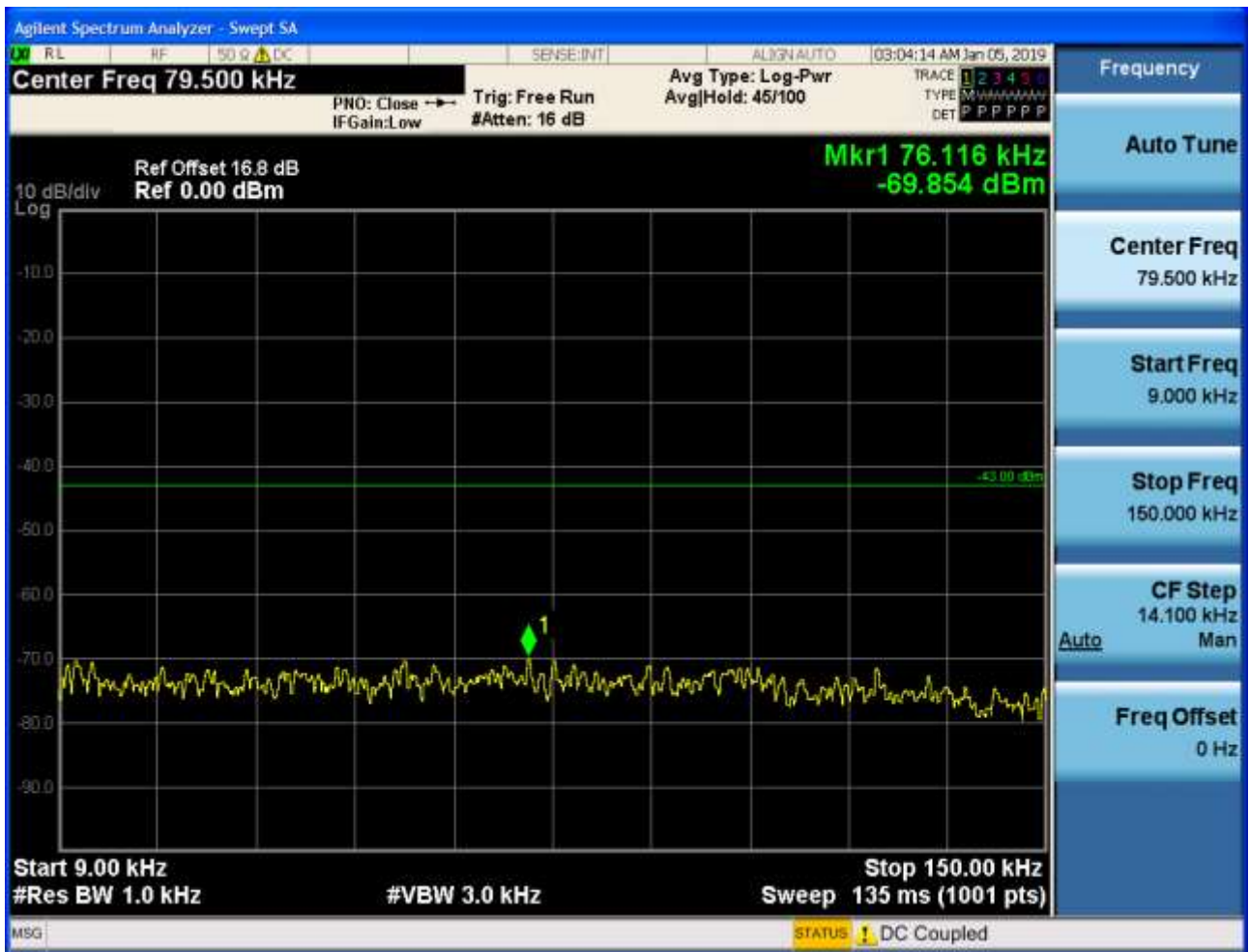


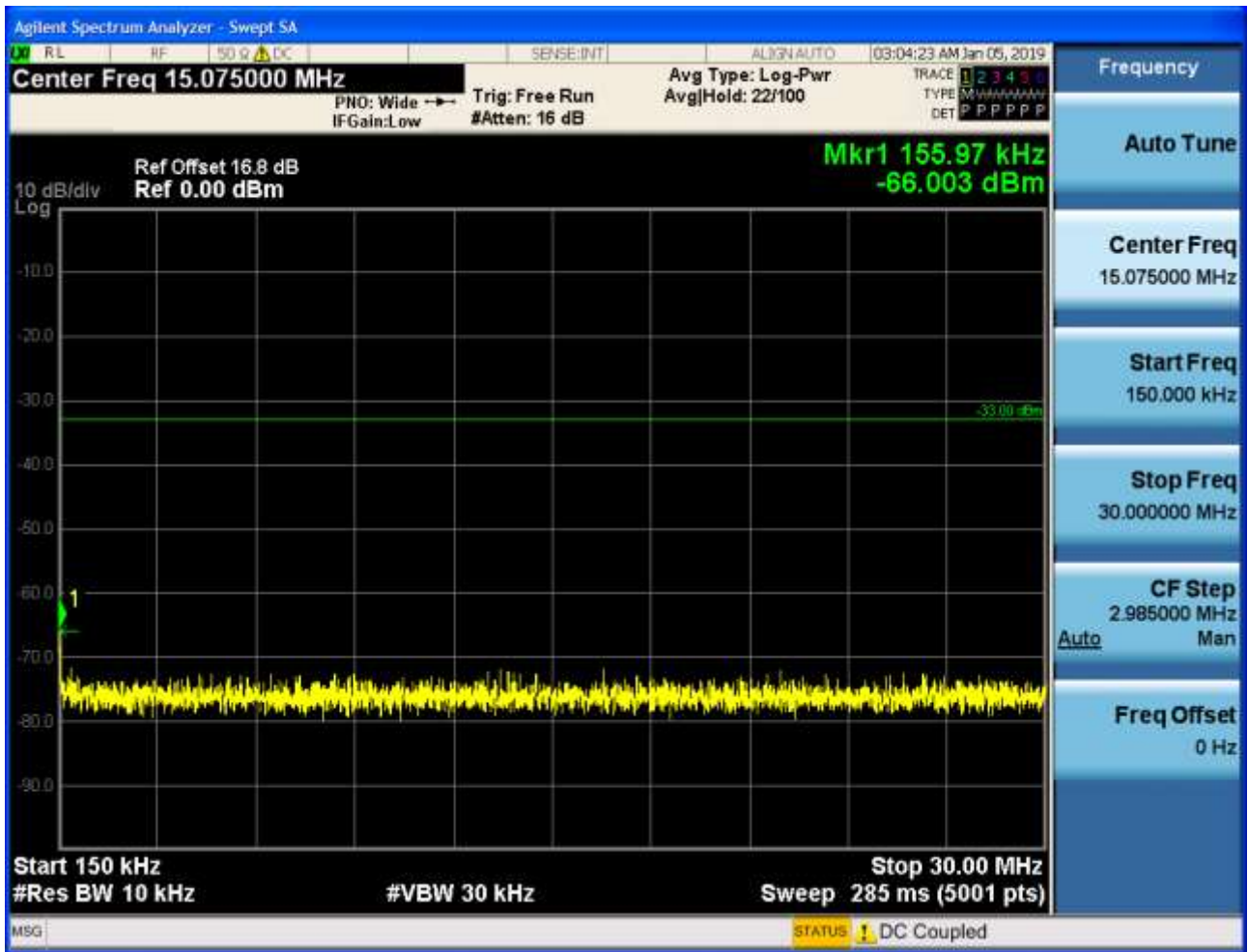




6.2.1.2.6.3 Test Channel = HCH

6.2.1.2.6.3.1 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

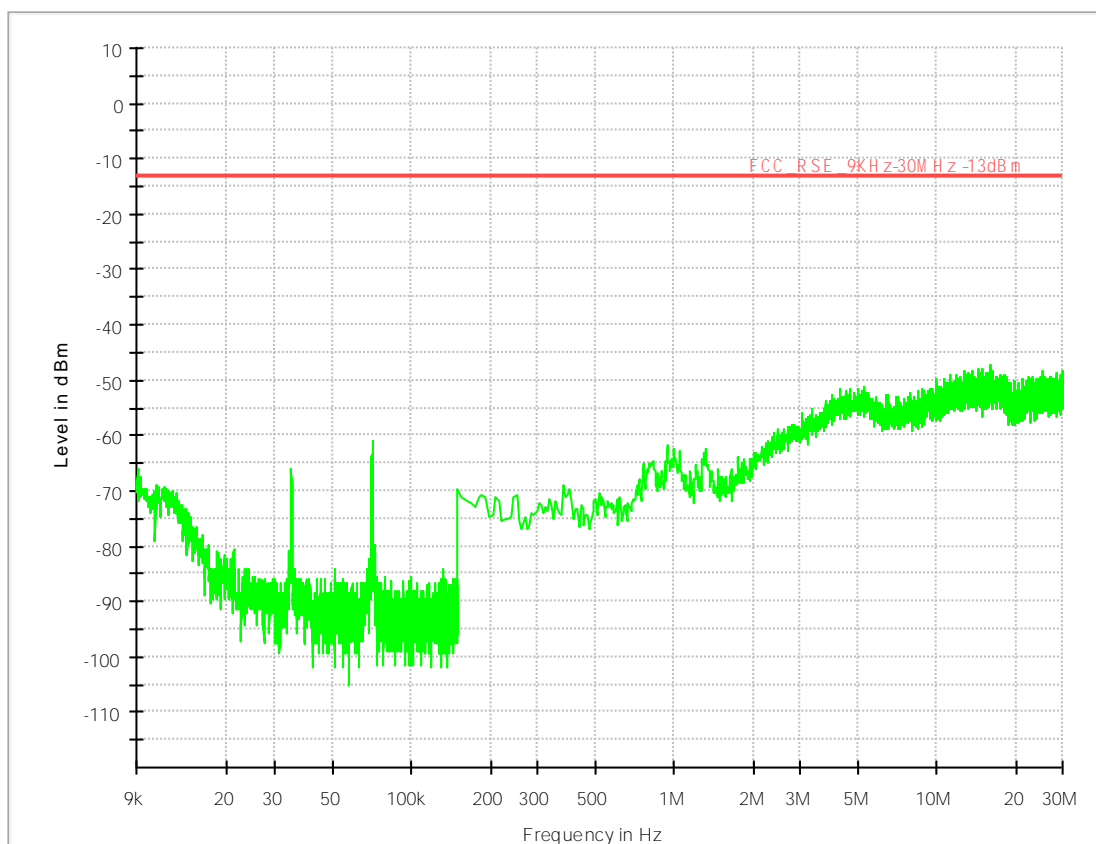
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz Detector: PK

Part I - Test Plots

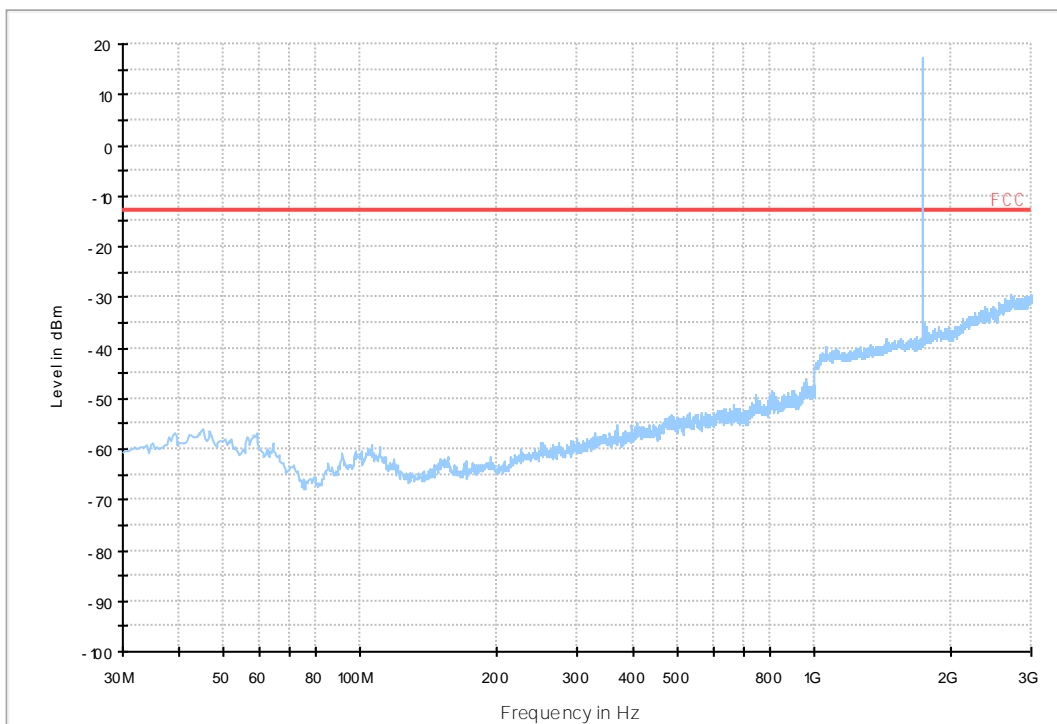
7.1 For LTE

7.1.1 Test Band = Band4_ANT1

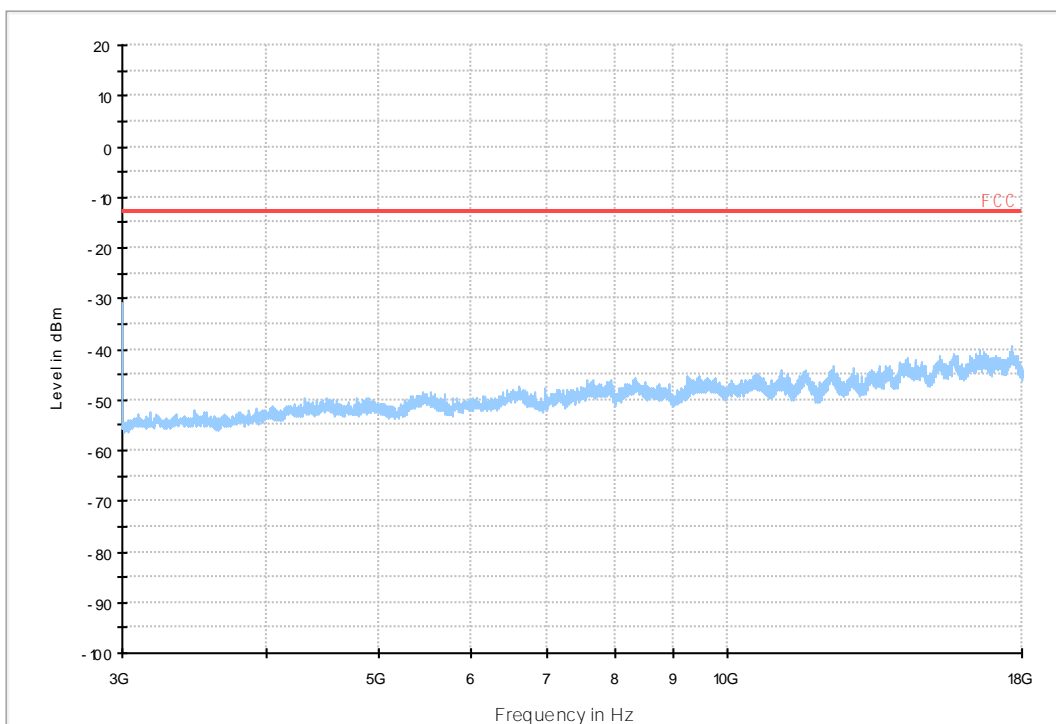
7.1.1.1 Test Bandwidth = 1.4



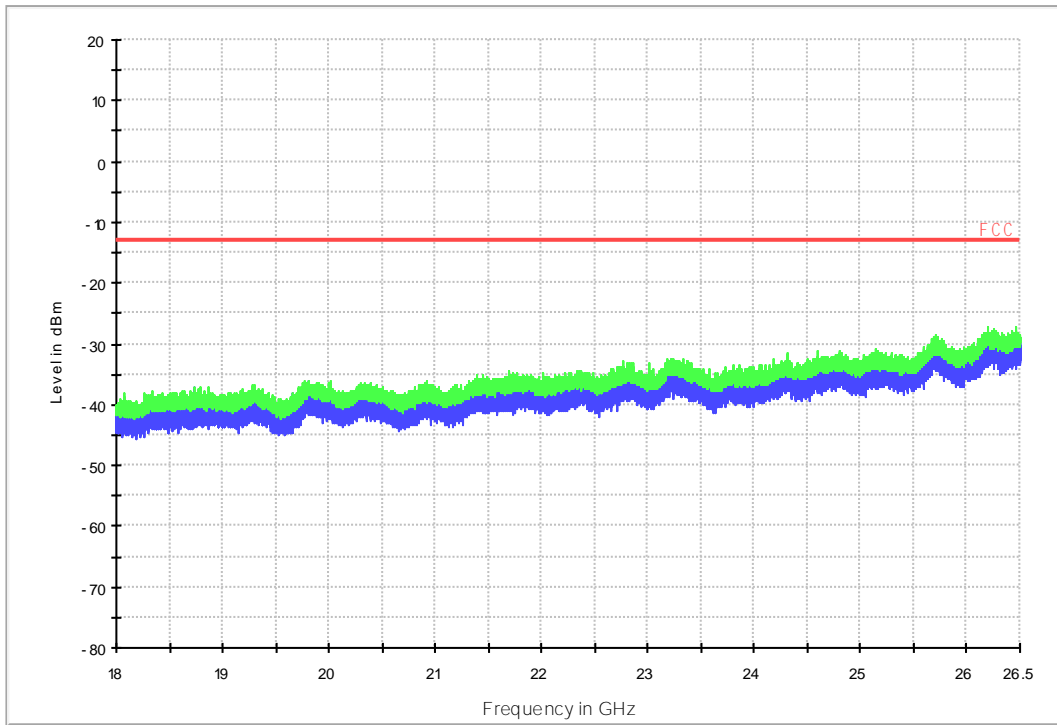
LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_L



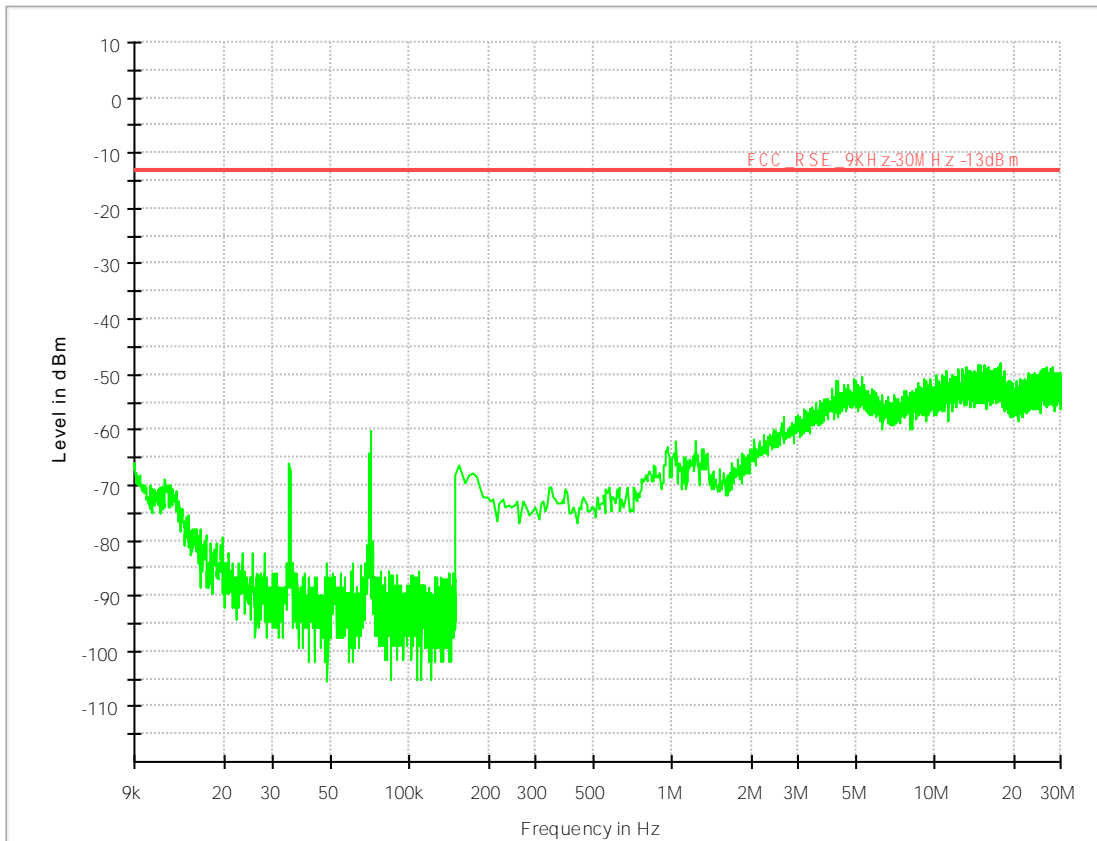
LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_H



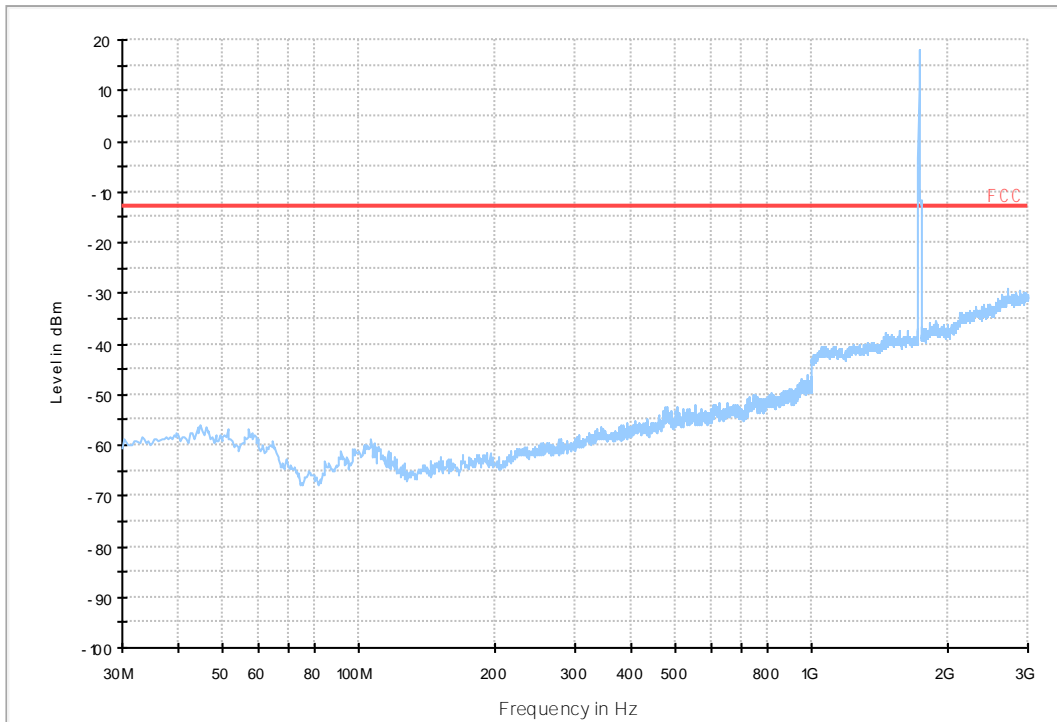
18G-26.5G R SE-TX-DIRECTOR ABOVE 1.5G PK



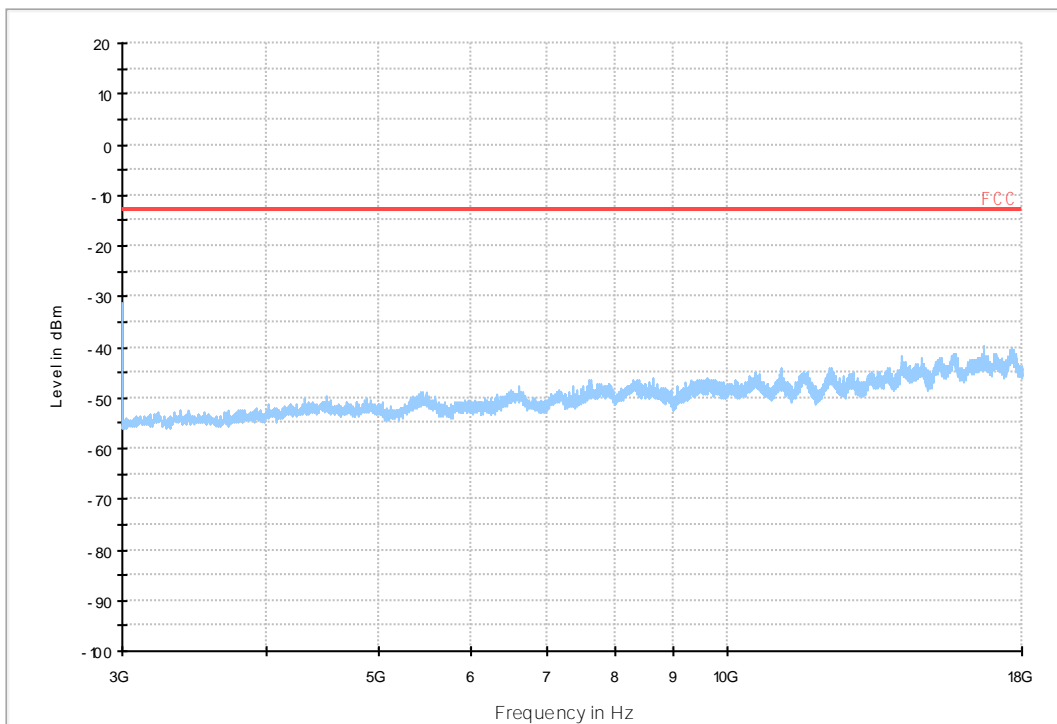
7.1.1.2 Test Bandwidth - 20



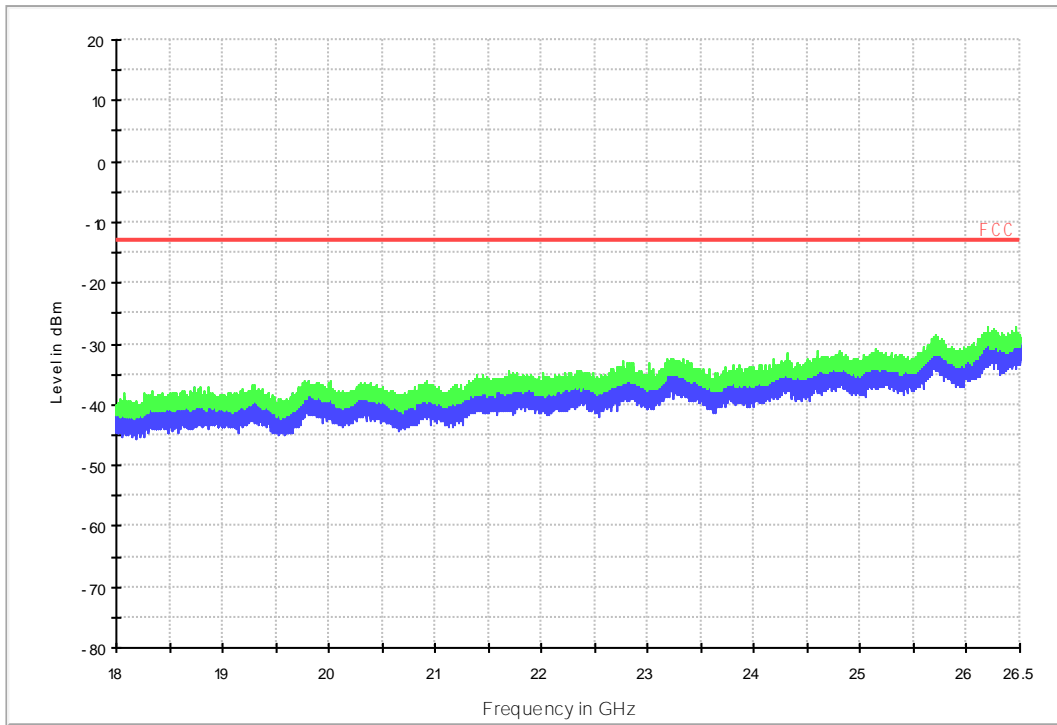
LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_L



LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_H

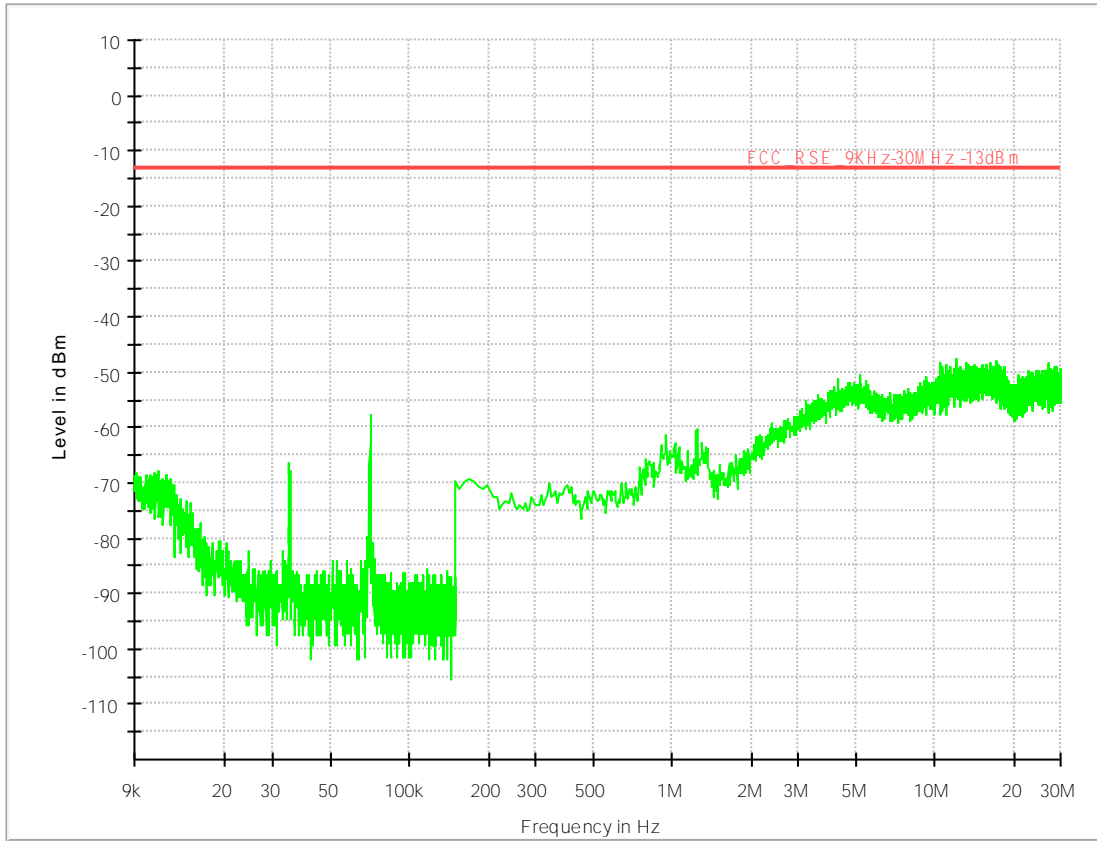


18G-26.5G R SE-TX-DIRECTOR ABOVE 1.5G PK

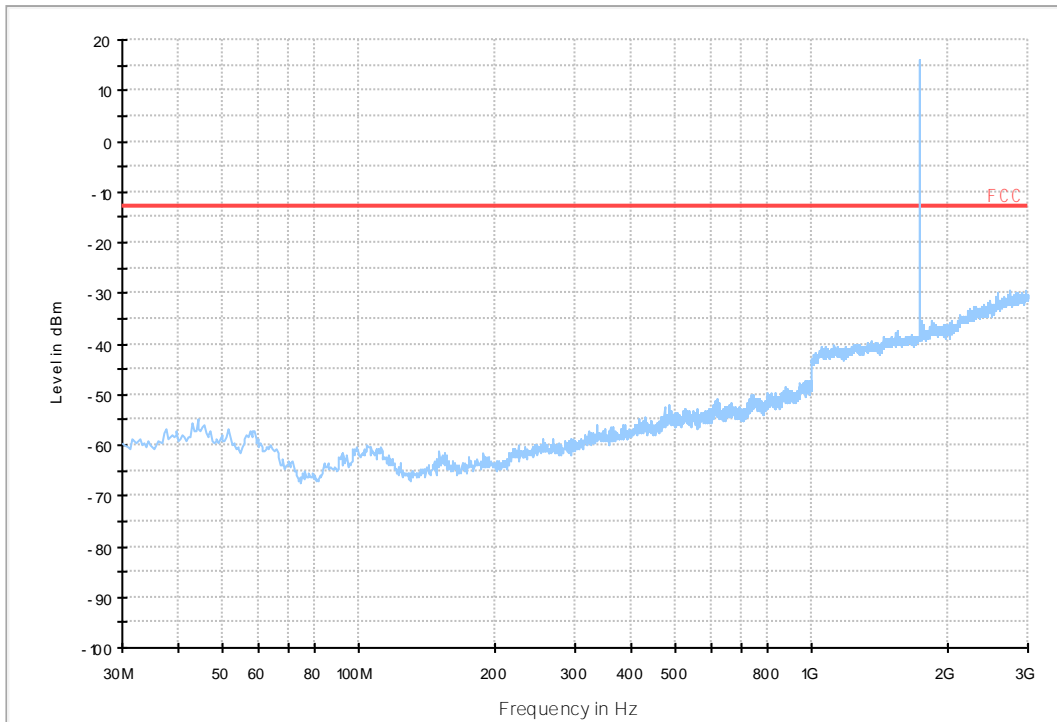


7.1.2 Test Band = Band4_ANT2

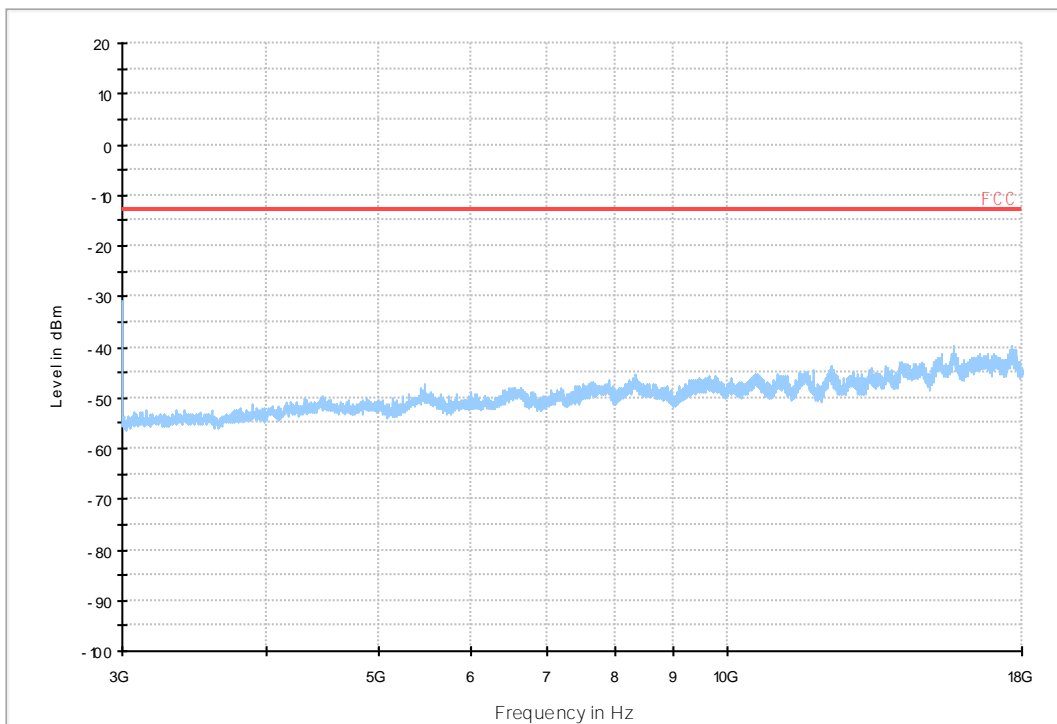
7.1.2.1 Test Bandwidth = 1.4



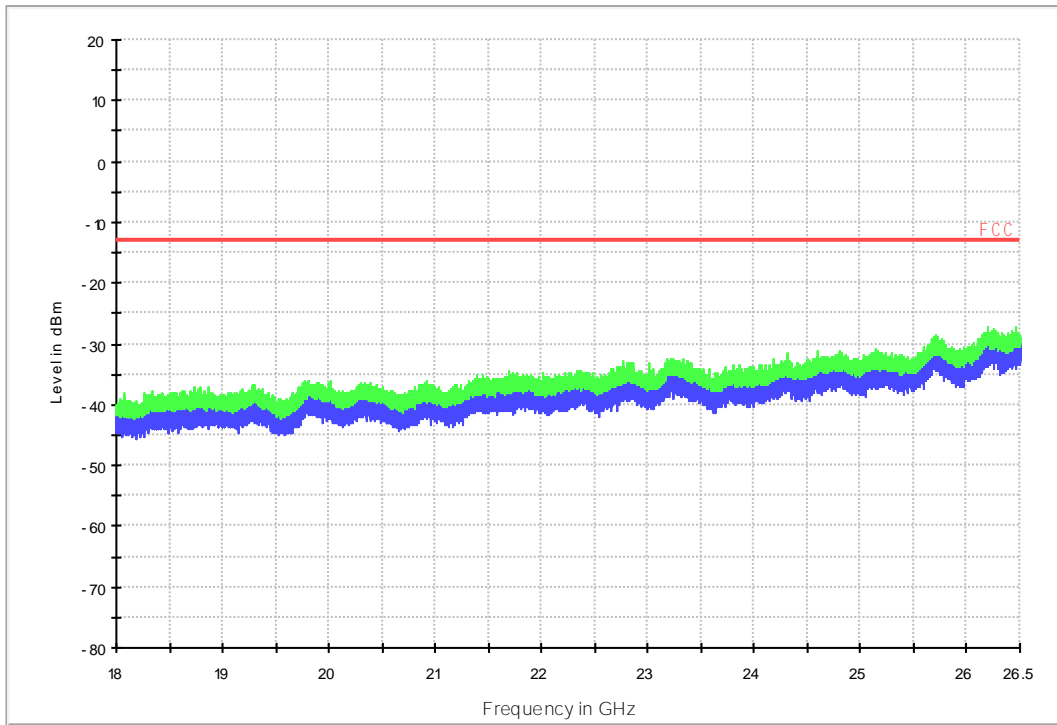
LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_L



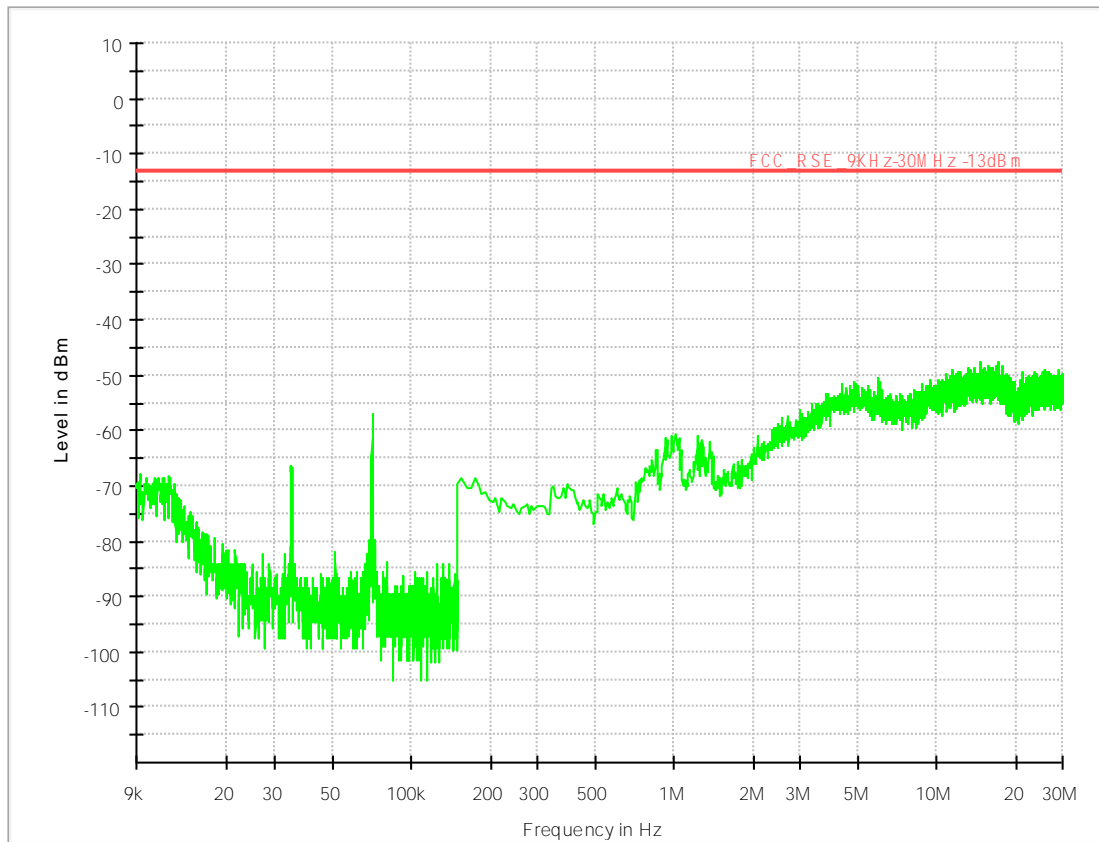
LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_H



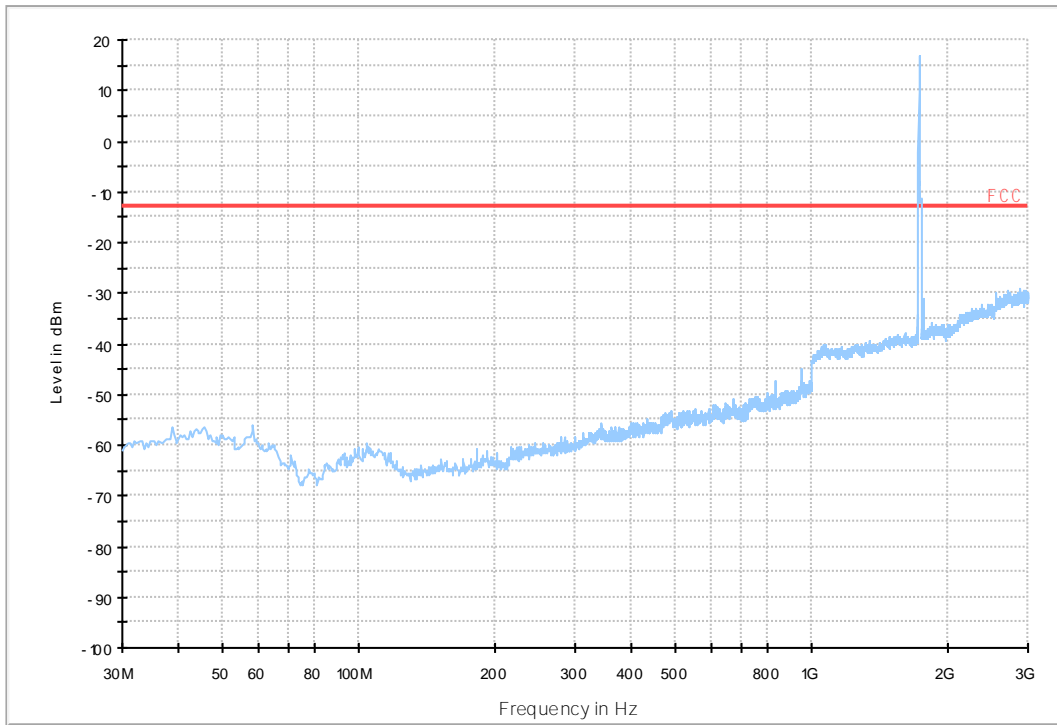
18G-26.5G R SE-TX-DIRECTOR ABOVE 1.5G PK



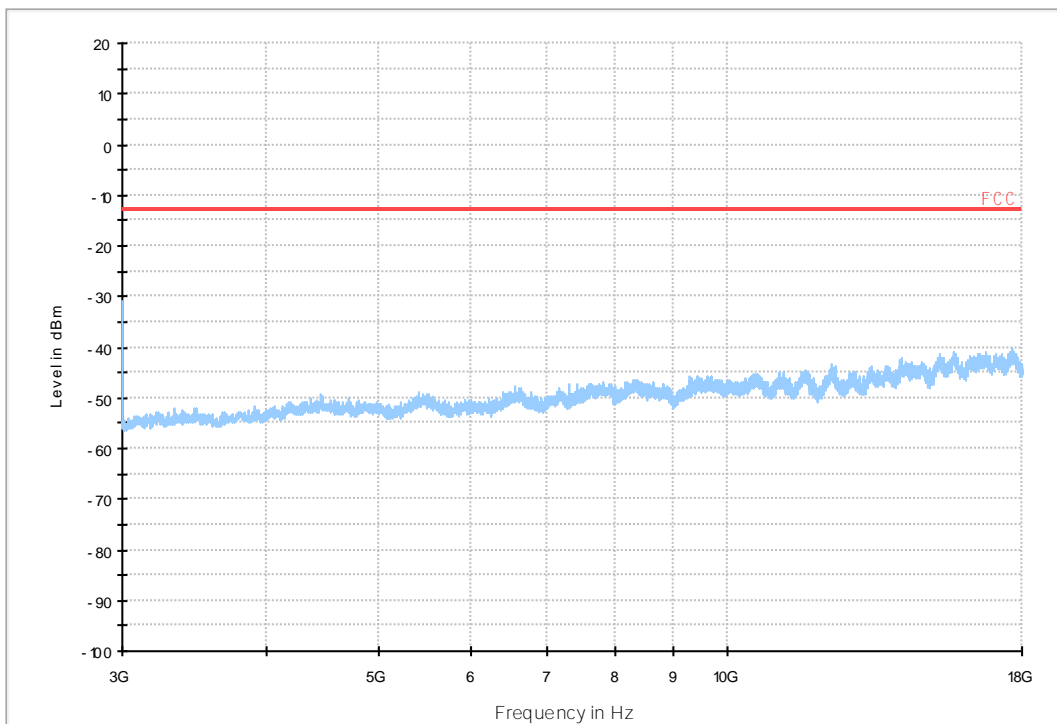
7.1.2.2 Test Bandwidth = 20



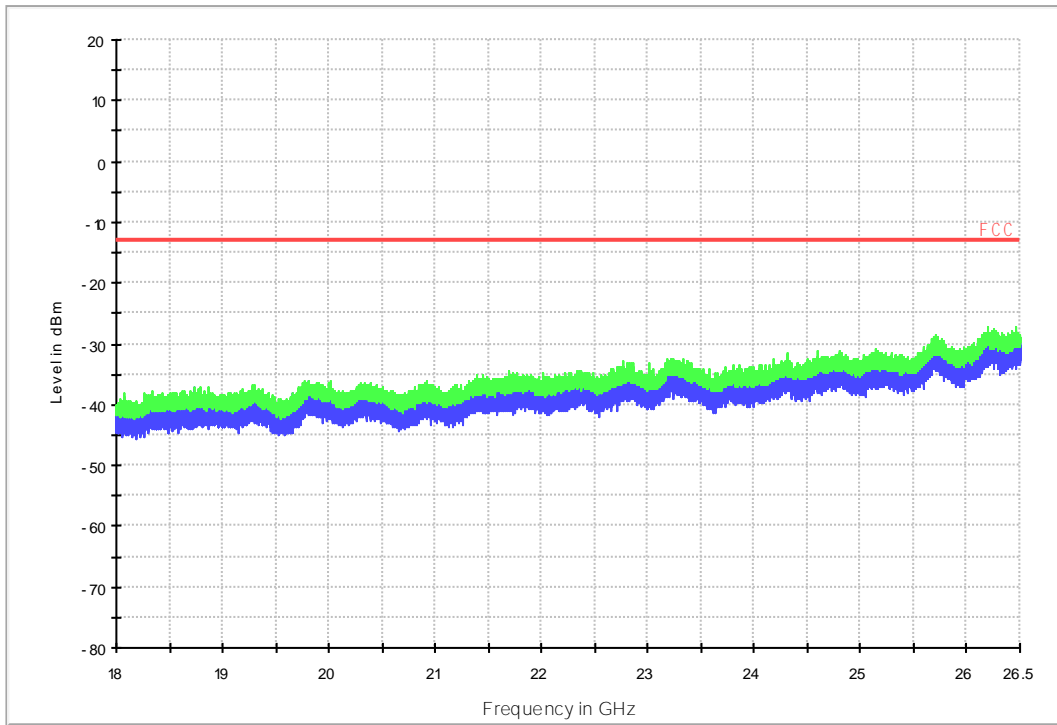
LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_L



LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_H



18G-26.5G R SE-TX-DIRECTOR ABOVE 1.5G PK





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
Band4	LTE/TM1	1.4	LCH	TN	VL	-11.70158	-0.00684	PASS
					VN	-7.76768	-0.00454	PASS
					VH	-15.97881	-0.00934	PASS
			MCH	TN	VL	-1.70231	-0.00098	PASS
					VN	-7.53880	-0.00435	PASS
					VH	-3.70503	-0.00214	PASS
			HCH	TN	VL	-5.12123	-0.00292	PASS
					VN	-12.60281	-0.00718	PASS
					VH	-3.27587	-0.00187	PASS
		3	LCH	TN	VL	-2.26021	-0.00132	PASS
					VN	0.11444	0.00007	PASS
					VH	3.97682	0.00232	PASS
			MCH	TN	VL	-1.90258	-0.00110	PASS
					VN	-1.57356	-0.00091	PASS
					VH	-3.77655	-0.00218	PASS
			HCH	TN	VL	-0.52929	-0.00030	PASS
					VN	-8.16822	-0.00466	PASS
					VH	-9.67026	-0.00551	PASS
		5	LCH	TN	VL	-3.53336	-0.00206	PASS
					VN	2.60353	0.00152	PASS
					VH	-1.40190	-0.00082	PASS
			MCH	TN	VL	0.45776	0.00026	PASS
					VN	-5.12123	-0.00296	PASS
					VH	-0.30041	-0.00017	PASS
			HCH	TN	VL	-5.89371	-0.00336	PASS
					VN	-5.36442	-0.00306	PASS
					VH	-0.54359	-0.00031	PASS
		10	LCH	TN	VL	-7.41005	-0.00432	PASS
					VN	-2.21729	-0.00129	PASS
					VH	-3.93391	-0.00229	PASS
MCH	TN		VL	-1.50204	-0.00087	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					VN	-2.66075	-0.00154	PASS	
					VH	-0.61512	-0.00036	PASS	
			HCH	TN	VL	-0.20027	-0.00011	PASS	
					VN	-4.57764	-0.00262	PASS	
			15	LCH	TN	VH	-2.16007	-0.00123	PASS
						VL	-8.85487	-0.00516	PASS
		VN				-0.11444	-0.00007	PASS	
		MCH	TN	VH	-3.06129	-0.00178	PASS		
				VL	-3.17573	-0.00183	PASS		
				VN	-1.51634	-0.00088	PASS		
		HCH	TN	VH	-0.44346	-0.00026	PASS		
				VL	-0.51498	-0.00029	PASS		
				VN	-3.60489	-0.00206	PASS		
		20	LCH	TN	VH	-0.62943	-0.00036	PASS	
					VL	-8.89778	-0.00517	PASS	
					VN	-4.09126	-0.00238	PASS	
			MCH	TN	VH	-3.90530	-0.00227	PASS	
					VL	-3.26157	-0.00188	PASS	
					VN	-3.21865	-0.00186	PASS	
		HCH	TN	VH	-1.34468	-0.00078	PASS		
				VL	-0.31471	-0.00018	PASS		
				VN	-4.14848	-0.00238	PASS		
		LTE/TM2	1.4	LCH	TN	VH	-0.91553	-0.00052	PASS
						VL	-18.29624	-0.01070	PASS
						VN	33.63132	0.01966	PASS
				MCH	TN	VH	41.37039	0.02418	PASS
						VL	1.91688	0.00111	PASS
						VN	-3.01838	-0.00174	PASS
				HCH	TN	VH	-4.37737	-0.00253	PASS
						VL	-17.23766	-0.00983	PASS
						VN	-8.56876	-0.00488	PASS
		3	LCH	TN	VH	54.55971	0.03110	PASS	
					VL	-2.66075	-0.00155	PASS	
					VN	-5.60761	-0.00328	PASS	
			MCH	TN	VH	-8.11100	-0.00474	PASS	
					VL	1.31607	0.00076	PASS	
VN	-4.27723				-0.00247	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
		5	HCH	TN	VH	-2.48909	-0.00144	PASS	
					VL	-5.59330	-0.00319	PASS	
					VN	-6.25134	-0.00357	PASS	
					VH	-3.33309	-0.00190	PASS	
			LCH	TN	VL	-3.87669	-0.00226	PASS	
					VN	-8.44002	-0.00493	PASS	
					VH	-4.66347	-0.00272	PASS	
				MCH	TN	VL	-2.73228	-0.00158	PASS
						VN	-0.48637	-0.00028	PASS
						VH	-1.11580	-0.00064	PASS
			HCH	TN	VL	0.97275	0.00056	PASS	
					VN	-5.86510	-0.00335	PASS	
		VH			-5.50747	-0.00314	PASS		
		10	LCH	TN	VL	-3.73364	-0.00218	PASS	
					VN	-4.86374	-0.00284	PASS	
					VH	-9.44138	-0.00551	PASS	
			MCH	TN	VL	-0.21458	-0.00012	PASS	
					VN	-4.83513	-0.00279	PASS	
					VH	-0.97275	-0.00056	PASS	
			HCH	TN	VL	1.11580	0.00064	PASS	
					VN	-2.28882	-0.00131	PASS	
					VH	0.87261	0.00050	PASS	
			15	LCH	TN	VL	-2.93255	-0.00171	PASS
						VN	-5.85079	-0.00341	PASS
						VH	-5.36442	-0.00312	PASS
		MCH		TN	VL	-1.75953	-0.00102	PASS	
					VN	-1.58787	-0.00092	PASS	
					VH	-0.55790	-0.00032	PASS	
		HCH		TN	VL	1.74522	0.00100	PASS	
					VN	-1.38760	-0.00079	PASS	
					VH	0.22888	0.00013	PASS	
		20	LCH	TN	VL	-3.99113	-0.00232	PASS	
					VN	-7.83920	-0.00456	PASS	
					VH	-6.49452	-0.00378	PASS	
			MCH	TN	VL	-0.08583	-0.00005	PASS	
					VN	-3.64780	-0.00211	PASS	
					VH	-1.33038	-0.00077	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	2.11716	0.00121	PASS
					VN	-3.14712	-0.00180	PASS
					VH	-0.51498	-0.00030	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
Band4	LTE/TM1	1.4	LCH	VN	-30	-122.19430	-0.07143	PASS
					-20	-15.10620	-0.00883	PASS
					-10	-75.98877	-0.04442	PASS
					0	37.47940	0.02191	PASS
					10	-57.86419	-0.03382	PASS
					20	-7.76768	-0.00454	PASS
					30	29.39701	0.01718	PASS
			40	13.89027	0.00812	PASS		
			50	46.56315	0.02722	PASS		
			MCH	VN	-30	-6.20842	-0.00358	PASS
					-20	-1.44482	-0.00083	PASS
					-10	-56.80561	-0.03279	PASS
					0	-8.08239	-0.00467	PASS
					10	-0.25749	-0.00015	PASS
		20			-7.53880	-0.00435	PASS	
		30			-50.79746	-0.02932	PASS	
		40	-2.46048	-0.00142	PASS			
		50	-6.48022	-0.00374	PASS			
		HCH	VN	-30	-5.04971	-0.00288	PASS	
				-20	-11.20090	-0.00638	PASS	
				-10	-11.65867	-0.00665	PASS	
				0	-101.69510	-0.05797	PASS	
				10	-7.18117	-0.00409	PASS	
				20	-12.60281	-0.00718	PASS	
				30	-11.65867	-0.00665	PASS	
				40	-6.42300	-0.00366	PASS	
		50	-11.41548	-0.00651	PASS			
		3		LCH	VN	-30	0.48637	0.00028



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	-3.23296	-0.00189	PASS	
					-10	-2.38895	-0.00140	PASS	
					0	-1.41621	-0.00083	PASS	
					10	-2.70367	-0.00158	PASS	
					20	0.11444	0.00007	PASS	
					30	1.84536	0.00108	PASS	
					40	5.50747	0.00322	PASS	
					50	-8.08239	-0.00472	PASS	
			MCH	VN	-30	-0.18597	-0.00011	PASS	
					-20	-1.71661	-0.00099	PASS	
					-10	-2.48909	-0.00144	PASS	
					0	-5.42164	-0.00313	PASS	
					10	-3.96252	-0.00229	PASS	
					20	-1.57356	-0.00091	PASS	
					30	-1.73092	-0.00100	PASS	
					40	-2.47478	-0.00143	PASS	
			HCH	VN	-30	-5.40733	-0.00308	PASS	
					-20	-5.57899	-0.00318	PASS	
					-10	-10.02789	-0.00572	PASS	
					0	-11.52992	-0.00658	PASS	
					10	-5.89371	-0.00336	PASS	
					20	-8.16822	-0.00466	PASS	
					30	-11.57284	-0.00660	PASS	
					40	-6.30856	-0.00360	PASS	
			5	LCH	VN	-30	0.34332	0.00020	PASS
						-20	6.78062	0.00396	PASS
						-10	-0.97275	-0.00057	PASS
						0	-3.10421	-0.00181	PASS
						10	6.86646	0.00401	PASS
						20	2.60353	0.00152	PASS
						30	-1.87397	-0.00109	PASS
						40	5.72205	0.00334	PASS
				MCH	VN	-30	0.38624	0.00023	PASS
						-30	-3.29018	-0.00190	PASS
						-20	-3.70503	-0.00214	PASS
						-10	-2.86102	-0.00165	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict								
					0	-4.13418	-0.00239	PASS								
					10	0.74387	0.00043	PASS								
					20	-5.12123	-0.00296	PASS								
					30	-5.60761	-0.00324	PASS								
					40	-4.79221	-0.00277	PASS								
					50	-3.26157	-0.00188	PASS								
			HCH	VN				-30	-8.71181	-0.00497	PASS					
								-20	-4.30584	-0.00246	PASS					
								-10	-9.16958	-0.00523	PASS					
								0	-11.81602	-0.00674	PASS					
								10	-3.36170	-0.00192	PASS					
								20	-5.36442	-0.00306	PASS					
								30	-9.32694	-0.00532	PASS					
								40	-2.57492	-0.00147	PASS					
								50	-8.65459	-0.00494	PASS					
								LCH	VN				-30	-1.40190	-0.00082	PASS
													-20	1.24455	0.00073	PASS
													-10	-1.57356	-0.00092	PASS
													0	1.30177	0.00076	PASS
													10	-0.21458	-0.00013	PASS
		20	-2.21729	-0.00129	PASS											
		30	-2.40326	-0.00140	PASS											
		40	-0.70095	-0.00041	PASS											
		MCH	VN				50	-3.01838	-0.00176	PASS						
							-30	-1.91688	-0.00111	PASS						
							-20	-0.94414	-0.00054	PASS						
							-10	-0.28610	-0.00017	PASS						
							0	-2.40326	-0.00139	PASS						
							10	-2.94685	-0.00170	PASS						
							20	-2.66075	-0.00154	PASS						
							30	-7.35283	-0.00424	PASS						
		HCH	VN				40	-5.22137	-0.00301	PASS						
							50	-5.79357	-0.00334	PASS						
							-30	-3.93391	-0.00225	PASS						
							-20	-3.64780	-0.00208	PASS						
							-10	-0.32902	-0.00019	PASS						
							0	-2.63214	-0.00150	PASS						
							10	-2.13146	-0.00122	PASS						



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					20	-4.57764	-0.00262	PASS		
					30	-5.97954	-0.00342	PASS		
					40	-4.50611	-0.00257	PASS		
					50	-6.49452	-0.00371	PASS		
		15	LCH	VN	-30	-2.63214	-0.00153	PASS		
					-20	1.02997	0.00060	PASS		
					-10	0.14305	0.00008	PASS		
					0	-4.52042	-0.00263	PASS		
					10	-0.14305	-0.00008	PASS		
					20	-0.11444	-0.00007	PASS		
					30	-4.11987	-0.00240	PASS		
					40	-0.81539	-0.00047	PASS		
					50	-4.06265	-0.00237	PASS		
					MCH	VN	-30	-2.71797	-0.00157	PASS
							-20	0.00000	0.00000	PASS
							-10	-0.90122	-0.00052	PASS
			0	-1.93119			-0.00111	PASS		
			10	-0.37193			-0.00021	PASS		
			20	-1.51634			-0.00088	PASS		
			HCH	VN	30	-1.14441	-0.00066	PASS		
					40	-2.28882	-0.00132	PASS		
					50	-0.98705	-0.00057	PASS		
					-30	-4.49181	-0.00257	PASS		
					-20	0.52929	0.00030	PASS		
					-10	-0.94414	-0.00054	PASS		
			20	LCH	VN	0	-4.66347	-0.00267	PASS	
						10	-1.51634	-0.00087	PASS	
						20	-3.60489	-0.00206	PASS	
		30				-6.78062	-0.00388	PASS		
		40				-1.40190	-0.00080	PASS		
		50				-4.47750	-0.00256	PASS		
		30				-5.17845	-0.00301	PASS		
							-30	-3.90530	-0.00227	PASS
							-20	-4.10557	-0.00239	PASS
							-10	-3.21865	-0.00187	PASS
							0	-5.56469	-0.00324	PASS
10	-4.14848						-0.00241	PASS		
20	-4.09126						-0.00238	PASS		
30	-5.17845						-0.00301	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					40	-2.96116	-0.00172	PASS	
					50	-1.53065	-0.00089	PASS	
			MCH	VN	-30	-2.14577	-0.00124	PASS	
					-20	-1.28746	-0.00074	PASS	
					-10	-2.46048	-0.00142	PASS	
					0	-3.84808	-0.00222	PASS	
					10	-3.17573	-0.00183	PASS	
					20	-3.21865	-0.00186	PASS	
					30	-2.04563	-0.00118	PASS	
					40	-0.10014	-0.00006	PASS	
					50	-1.25885	-0.00073	PASS	
					HCH	VN	-30	-5.00679	-0.00287
			-20	-5.00679			-0.00287	PASS	
			-10	-3.41892			-0.00196	PASS	
			0	-5.07832			-0.00291	PASS	
			10	-5.83649			-0.00334	PASS	
			20	-4.14848			-0.00238	PASS	
			30	-4.39167			-0.00252	PASS	
			40	-1.98841			-0.00114	PASS	
			50	-2.91824	-0.00167	PASS			
			LCH	VN	-30	6.02245	0.00352	PASS	
					-20	-5.29289	-0.00309	PASS	
	-10	71.03920			0.04153	PASS			
	0	42.09995			0.02461	PASS			
	10	25.29144			0.01478	PASS			
	20	33.63132			0.01966	PASS			
	30	-44.26003			-0.02587	PASS			
	40	-6.40869			-0.00375	PASS			
	50	13.90457			0.00813	PASS			
	MCH	VN			-30	-6.52313	-0.00377	PASS	
					-20	-8.85487	-0.00511	PASS	
					-10	-0.65804	-0.00038	PASS	
			0	-5.00679	-0.00289	PASS			
			10	-2.90394	-0.00168	PASS			
			20	-3.01838	-0.00174	PASS			
			30	-11.40118	-0.00658	PASS			
			40	-4.11987	-0.00238	PASS			
	50	-28.53870	-0.01647	PASS					
		LTE/TM2	1.4			-30	6.02245	0.00352	PASS
						-20	-5.29289	-0.00309	PASS
						-10	71.03920	0.04153	PASS
						0	42.09995	0.02461	PASS
						10	25.29144	0.01478	PASS
						20	33.63132	0.01966	PASS
30						-44.26003	-0.02587	PASS	
40						-6.40869	-0.00375	PASS	
50						13.90457	0.00813	PASS	
-30						-6.52313	-0.00377	PASS	
-20						-8.85487	-0.00511	PASS	
-10						-0.65804	-0.00038	PASS	
0	-5.00679	-0.00289	PASS						
10	-2.90394	-0.00168	PASS						
20	-3.01838	-0.00174	PASS						
30	-11.40118	-0.00658	PASS						
40	-4.11987	-0.00238	PASS						
50	-28.53870	-0.01647	PASS						



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict				
			HCH	VN	-30	-8.66890	-0.00494	PASS				
					-20	-15.69271	-0.00895	PASS				
					-10	-16.43658	-0.00937	PASS				
					0	-8.99792	-0.00513	PASS				
					10	-16.62254	-0.00948	PASS				
					20	-8.56876	-0.00488	PASS				
					30	-15.14912	-0.00864	PASS				
					40	59.38053	0.03385	PASS				
					50	-10.77175	-0.00614	PASS				
					LCH	VN	-30	-4.59194	-0.00268	PASS		
							-20	-5.62191	-0.00328	PASS		
							-10	5.73635	0.00335	PASS		
							0	-4.00543	-0.00234	PASS		
							10	2.73228	0.00160	PASS		
							20	-5.60761	-0.00328	PASS		
							30	-5.97954	-0.00349	PASS		
							40	-6.63757	-0.00388	PASS		
							50	-3.71933	-0.00217	PASS		
							MCH	VN	-30	-2.24590	-0.00130	PASS
									-20	-1.95980	-0.00113	PASS
									-10	-5.16415	-0.00298	PASS
									0	-1.17302	-0.00068	PASS
									10	-0.28610	-0.00017	PASS
									20	-4.27723	-0.00247	PASS
									30	-0.77248	-0.00045	PASS
									40	-1.33038	-0.00077	PASS
									50	-5.20706	-0.00301	PASS
					HCH	VN	-30	-2.36034	-0.00135	PASS		
							-20	-9.19819	-0.00525	PASS		
							-10	-7.49588	-0.00427	PASS		
							0	-9.91344	-0.00565	PASS		
							10	-4.39167	-0.00250	PASS		
							20	-6.25134	-0.00357	PASS		
							30	-7.79629	-0.00445	PASS		
							40	-5.39303	-0.00308	PASS		
							50	-7.22408	-0.00412	PASS		
				5	LCH	VN	-30	-8.31127	-0.00485	PASS		
							-20	-3.40462	-0.00199	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-10	-7.51018	-0.00439	PASS		
					0	-6.80924	-0.00398	PASS		
					10	-2.04563	-0.00119	PASS		
					20	-8.44002	-0.00493	PASS		
					30	-8.88348	-0.00519	PASS		
					40	-3.87669	-0.00226	PASS		
					50	-8.29697	-0.00484	PASS		
			MCH	VN	-30	-3.19004	-0.00184	PASS		
					-20	1.60217	0.00092	PASS		
					-10	-2.48909	-0.00144	PASS		
					0	-3.10421	-0.00179	PASS		
					10	-1.40190	-0.00081	PASS		
					20	-0.48637	-0.00028	PASS		
					30	-2.77519	-0.00160	PASS		
			HCH	VN	-30	-9.02653	-0.00515	PASS		
					-20	-4.77791	-0.00273	PASS		
					-10	-7.99656	-0.00456	PASS		
					0	-9.08375	-0.00518	PASS		
					10	-5.57899	-0.00318	PASS		
					20	-5.86510	-0.00335	PASS		
					30	-7.98225	-0.00455	PASS		
			10		LCH	VN	-30	-5.35011	-0.00312	PASS
							-20	-3.19004	-0.00186	PASS
							-10	-2.98977	-0.00174	PASS
		0					-6.36578	-0.00371	PASS	
		10					-2.28882	-0.00133	PASS	
		20					-4.86374	-0.00284	PASS	
		MCH		VN	30	-9.04083	-0.00527	PASS		
					40	-4.53472	-0.00264	PASS		
					50	-9.24110	-0.00539	PASS		
					-30	-3.04699	-0.00176	PASS		
					-20	-0.30041	-0.00017	PASS		
					-10	0.68665	0.00040	PASS		
						0	-4.89235	-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	-1.00136	-0.00058	PASS			
					20	-4.83513	-0.00279	PASS			
					30	-3.13282	-0.00181	PASS			
					40	-5.20706	-0.00301	PASS			
					50	-3.91960	-0.00226	PASS			
			HCH	VN				-30	-4.59194	-0.00262	PASS
								-20	-2.78950	-0.00159	PASS
								-10	-0.78678	-0.00045	PASS
								0	0.94414	0.00054	PASS
								10	-3.13282	-0.00179	PASS
								20	-2.28882	-0.00131	PASS
								30	-3.34740	-0.00191	PASS
								40	-6.49452	-0.00371	PASS
								50	-4.82082	-0.00275	PASS
								LCH	VN		
			-20	-4.07696	-0.00237	PASS					
			-10	-3.61919	-0.00211	PASS					
			0	-7.51018	-0.00437	PASS					
			10	-4.70638	-0.00274	PASS					
			20	-5.85079	-0.00341	PASS					
			30	-8.66890	-0.00505	PASS					
		40	-6.56605	-0.00382	PASS						
		50	-6.66618	-0.00388	PASS						
		MCH	VN	15			-30				
							-20	-1.51634	-1.51634	PASS	
							-10	-3.19004	-0.00184	PASS	
							0	-4.43459	-0.00256	PASS	
							10	-2.54631	-0.00147	PASS	
							20	-1.58787	-0.00092	PASS	
							30	-2.70367	-0.00156	PASS	
							40	-3.57628	-0.00206	PASS	
							50	-3.77655	-0.00218	PASS	
							HCH	VN	15		
		-20	0.90122	0.00052	PASS						
		-10	-0.71526	-0.00041	PASS						
		0	-3.19004	-0.00183	PASS						
		10	-0.42915	-0.00025	PASS						
		20	-1.38760	-0.00079	PASS						



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					30	-4.34875	-0.00249	PASS		
					40	-1.38760	-0.00079	PASS		
					50	-2.87533	-0.00165	PASS		
				20	LCH	VN	-30	-10.38551	-0.00604	PASS
							-20	-9.22680	-0.00536	PASS
							-10	-7.35283	-0.00427	PASS
							0	-8.55446	-0.00497	PASS
							10	-9.45568	-0.00550	PASS
							20	-7.83920	-0.00456	PASS
							30	-9.35554	-0.00544	PASS
							40	-4.52042	-0.00263	PASS
							50	-6.20842	-0.00361	PASS
					MCH	VN	-30	-4.99249	-0.00288	PASS
							-20	-4.23431	-0.00244	PASS
							-10	-3.50475	-0.00202	PASS
							0	-5.13554	-0.00296	PASS
							10	-2.88963	-0.00167	PASS
							20	-3.64780	-0.00211	PASS
							30	-3.33309	-0.00192	PASS
							40	-1.78814	-0.00103	PASS
							50	-3.71933	-0.00215	PASS
					HCH	VN	-30	-3.79086	-0.00217	PASS
							-20	-3.94821	-0.00226	PASS
							-10	-3.37601	-0.00193	PASS
							0	-4.24862	-0.00243	PASS
							10	-4.54903	-0.00261	PASS
							20	-3.14712	-0.00180	PASS
							30	-4.86374	-0.00279	PASS
							40	-0.85831	-0.00049	PASS
							50	-1.45912	-0.00084	PASS

END