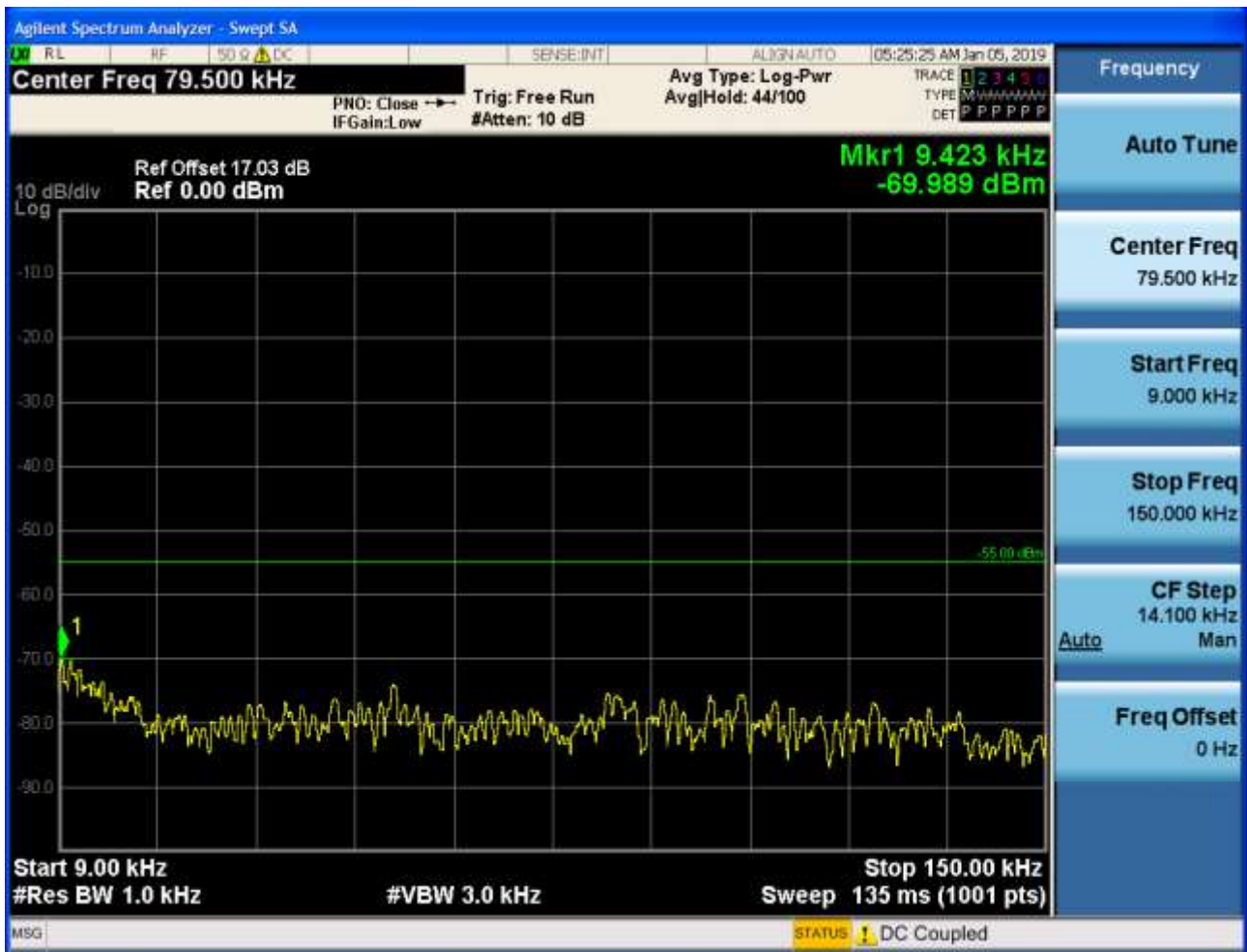
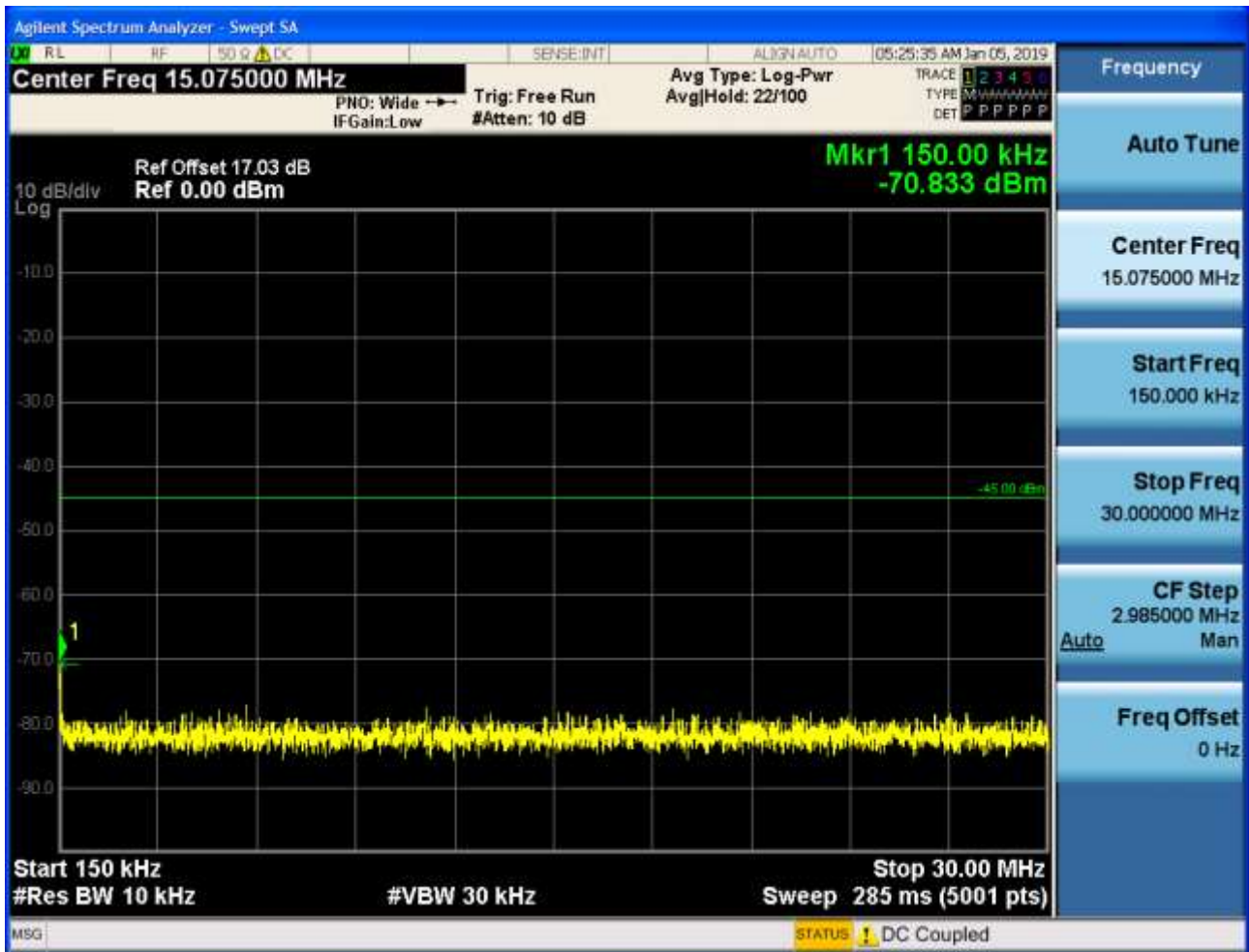




6.2.1.1.3.3 Test Channel = HCH

6.2.1.1.3.3.1 Test RB = RB1#0





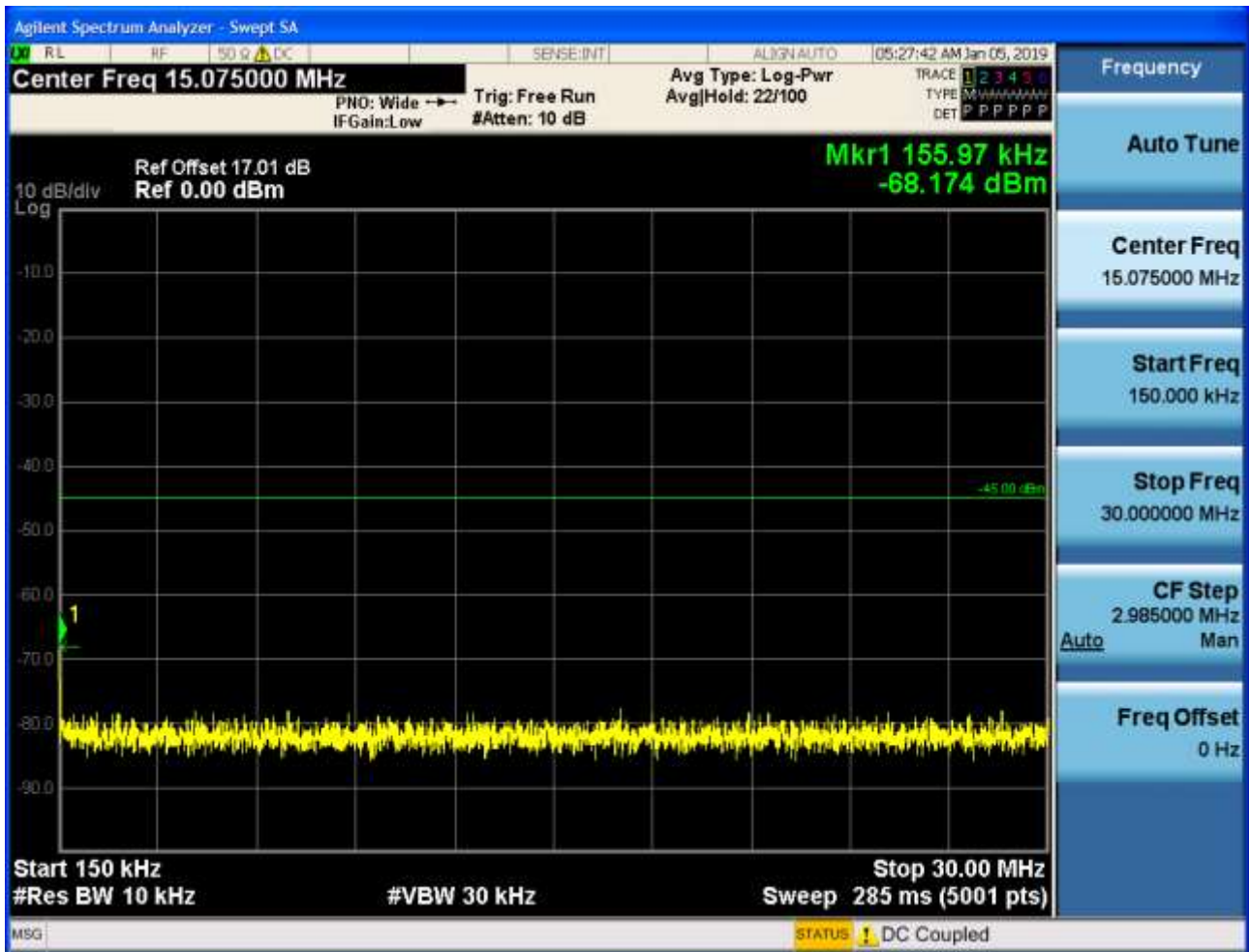


6.2.1.1.4 Test Bandwidth = 20

6.2.1.1.4.1 Test Channel = LCH

6.2.1.1.4.1.1 Test RB = RB1#0

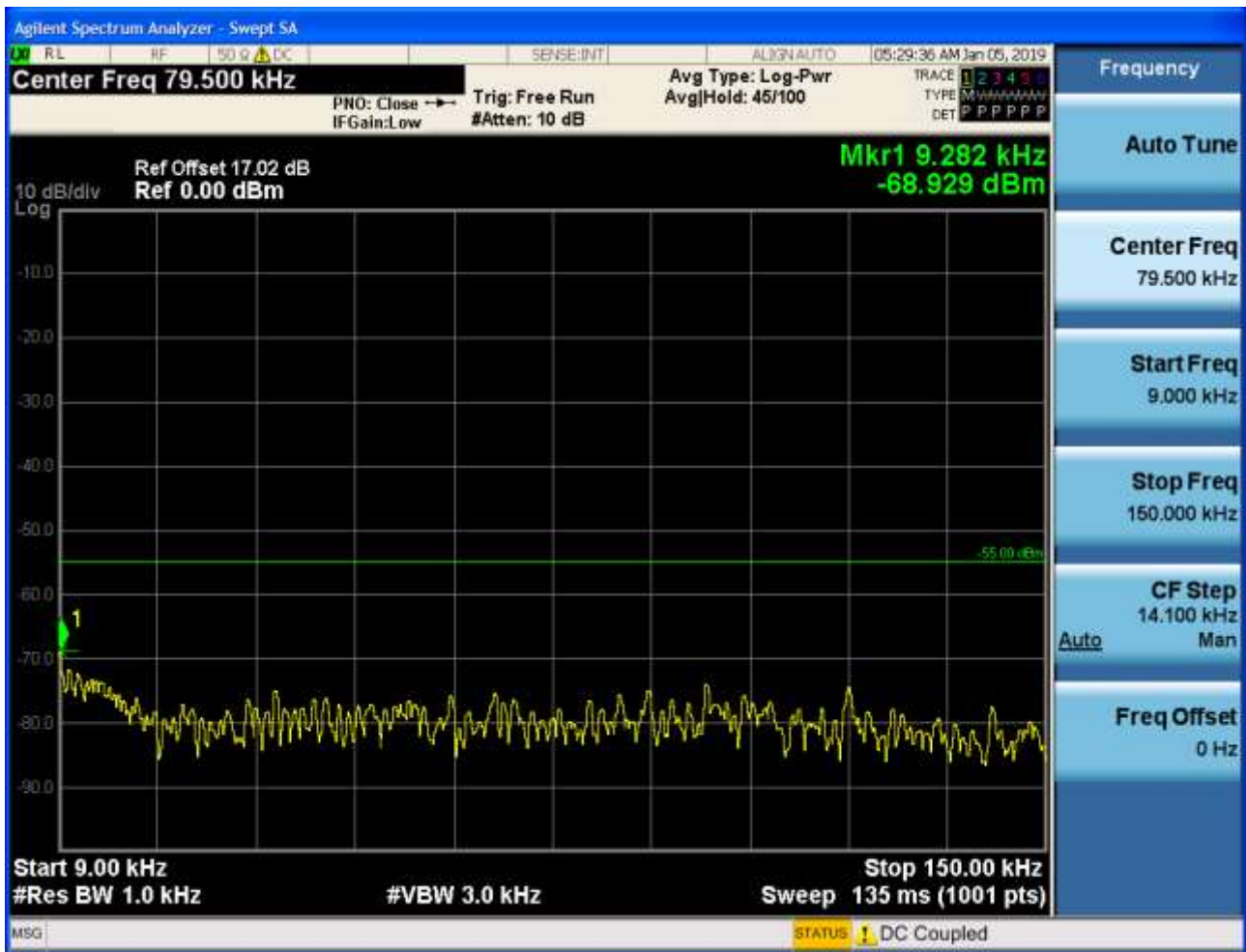


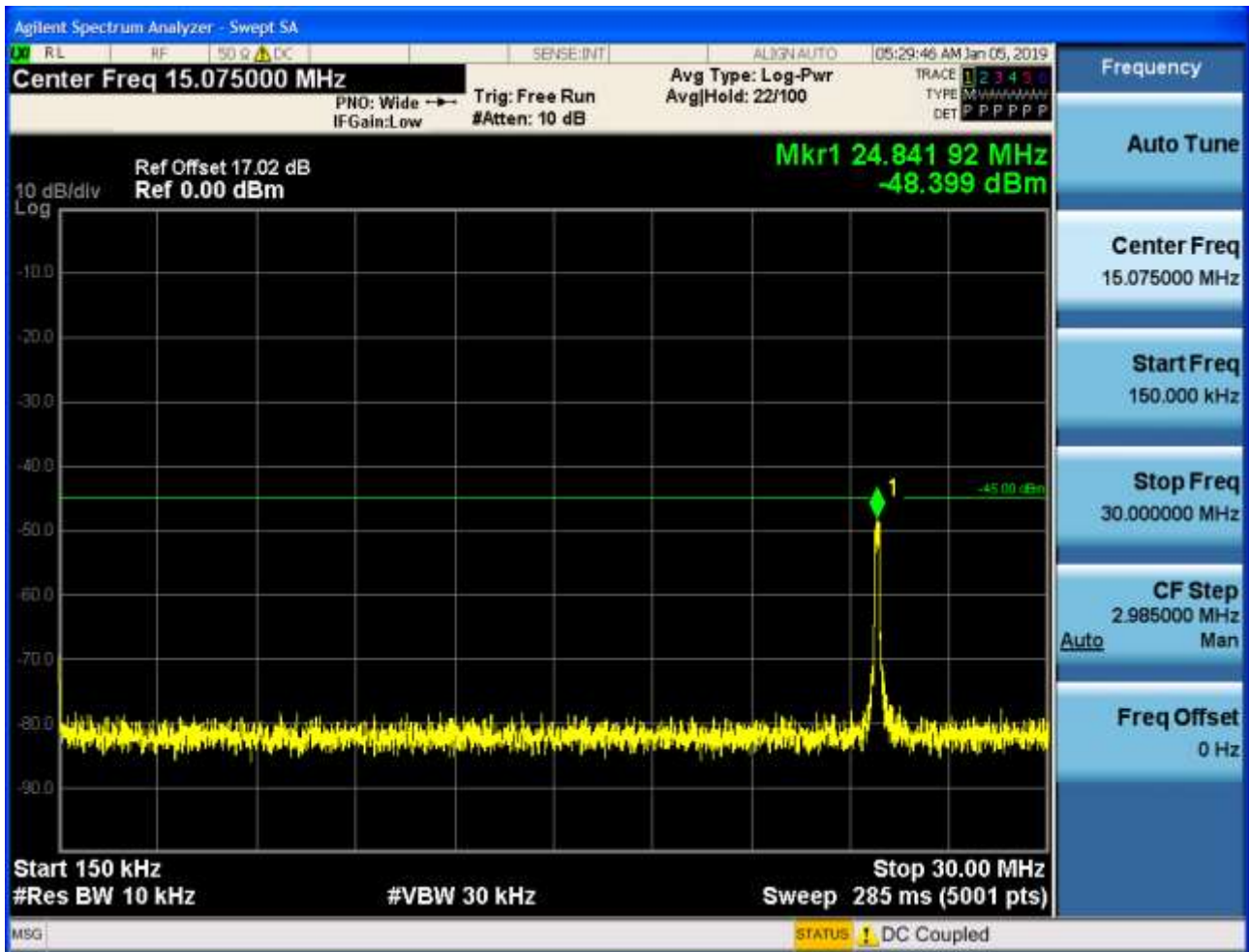




6.2.1.1.4.2 Test Channel = MCH

6.2.1.1.4.2.1 Test RB = RB1#0



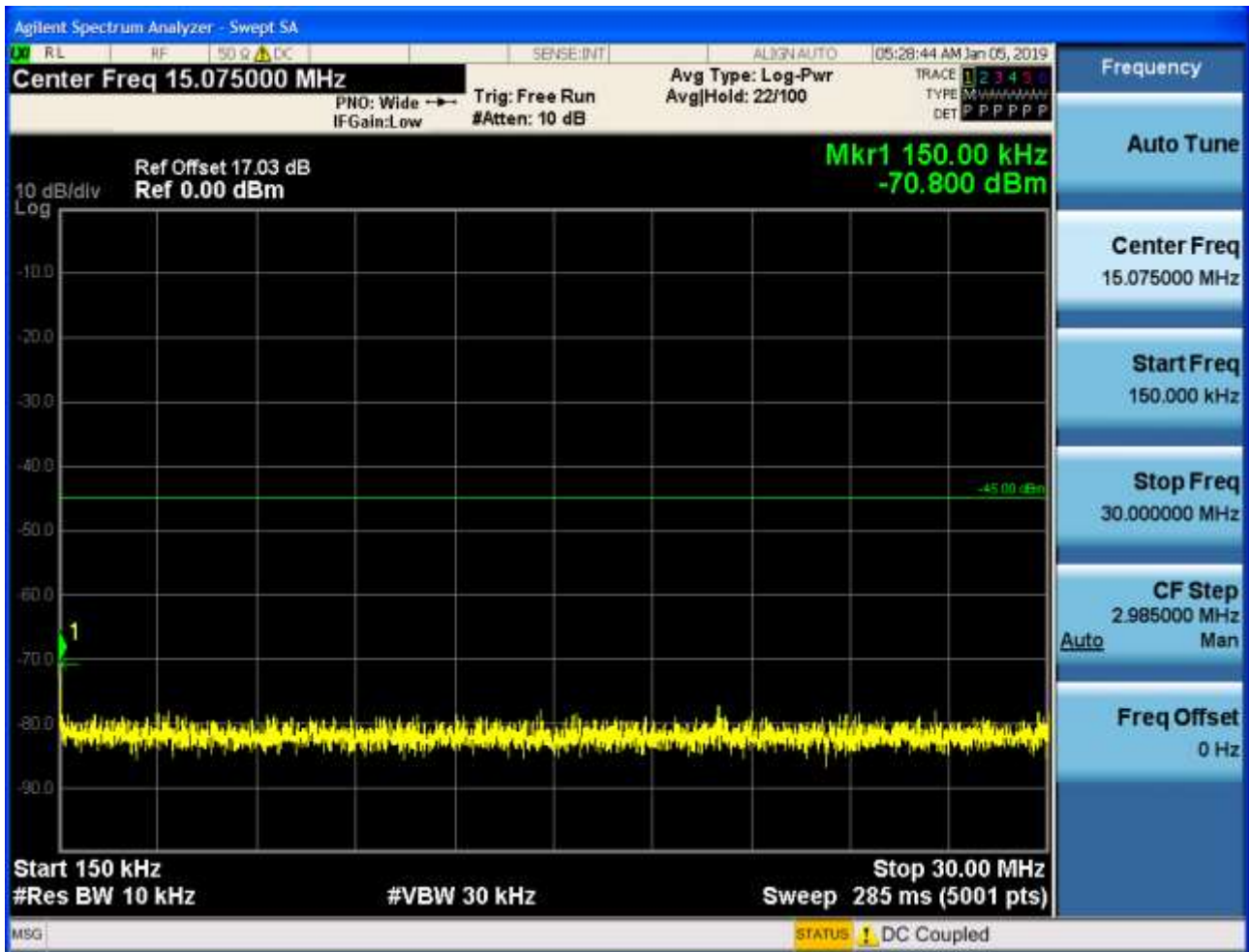




6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0







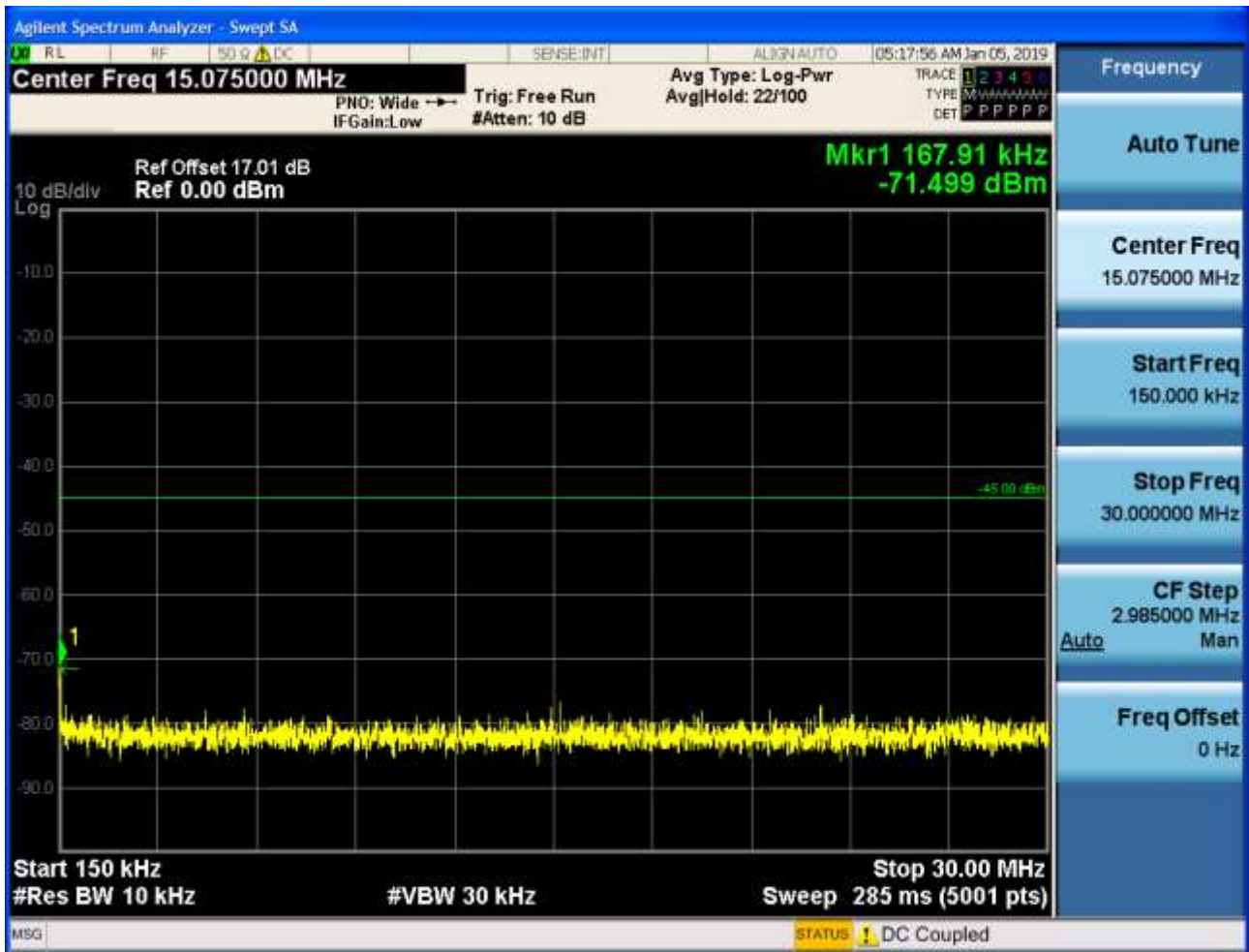
6.2.1.2 Test Mode = LTE/TM2

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



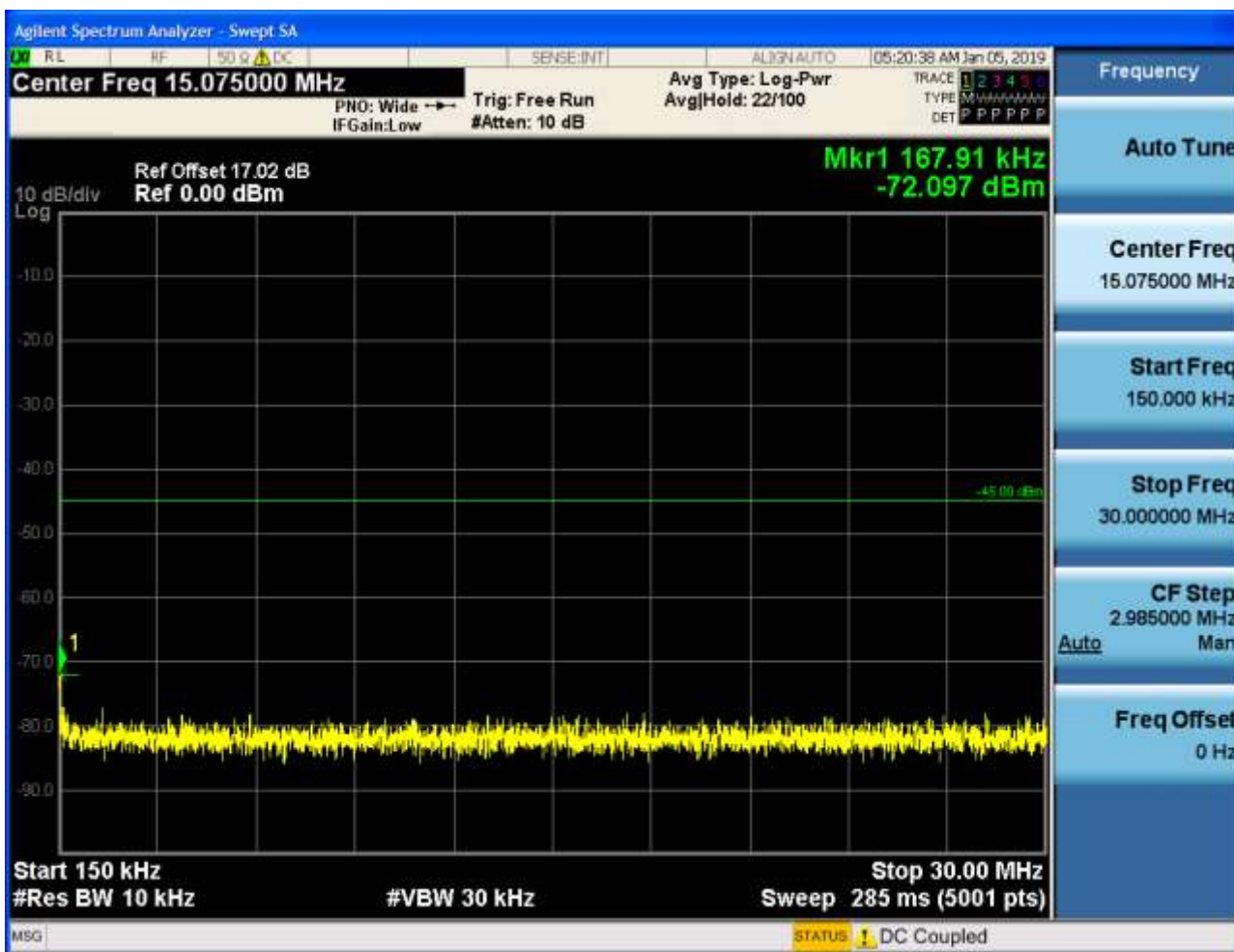




6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0

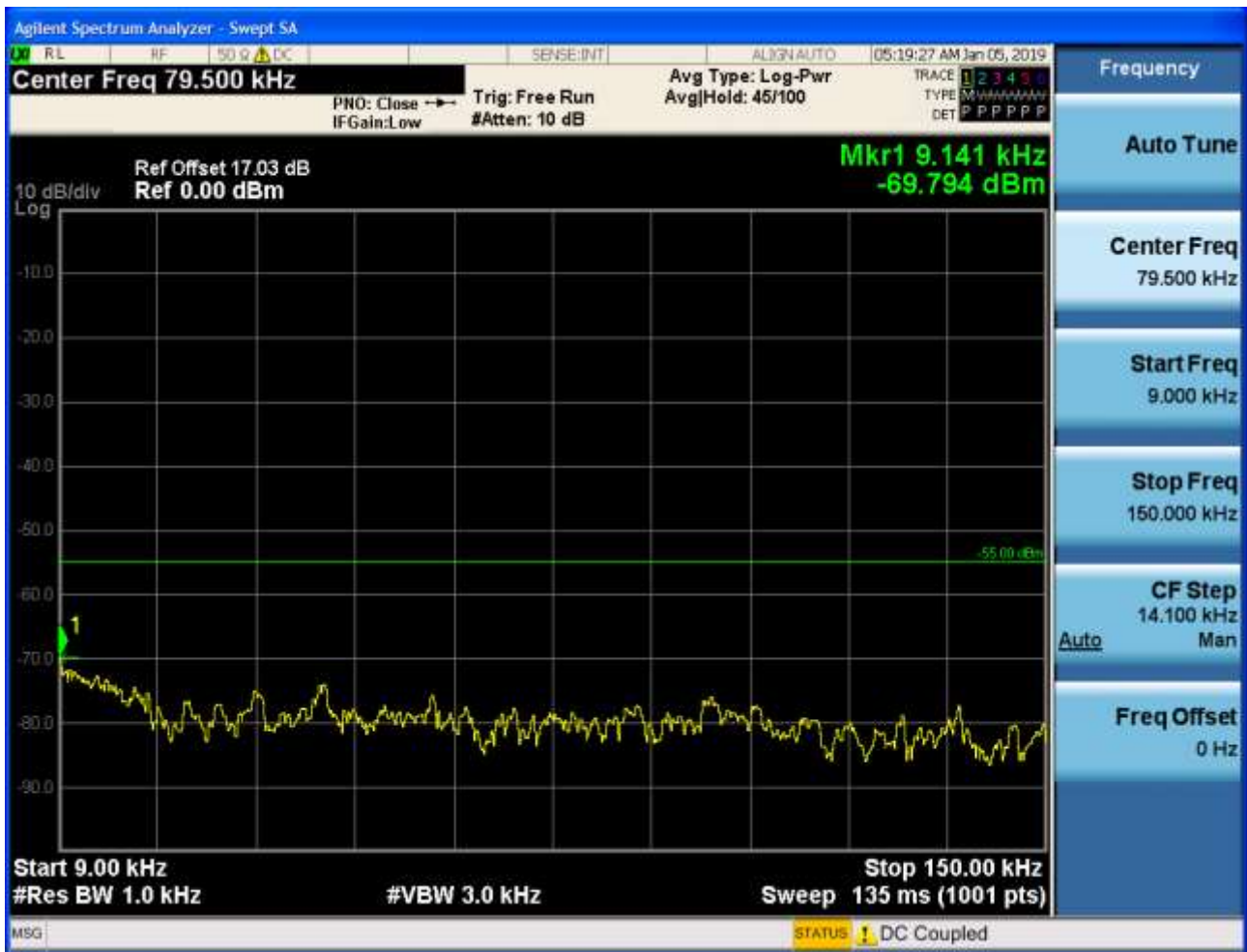


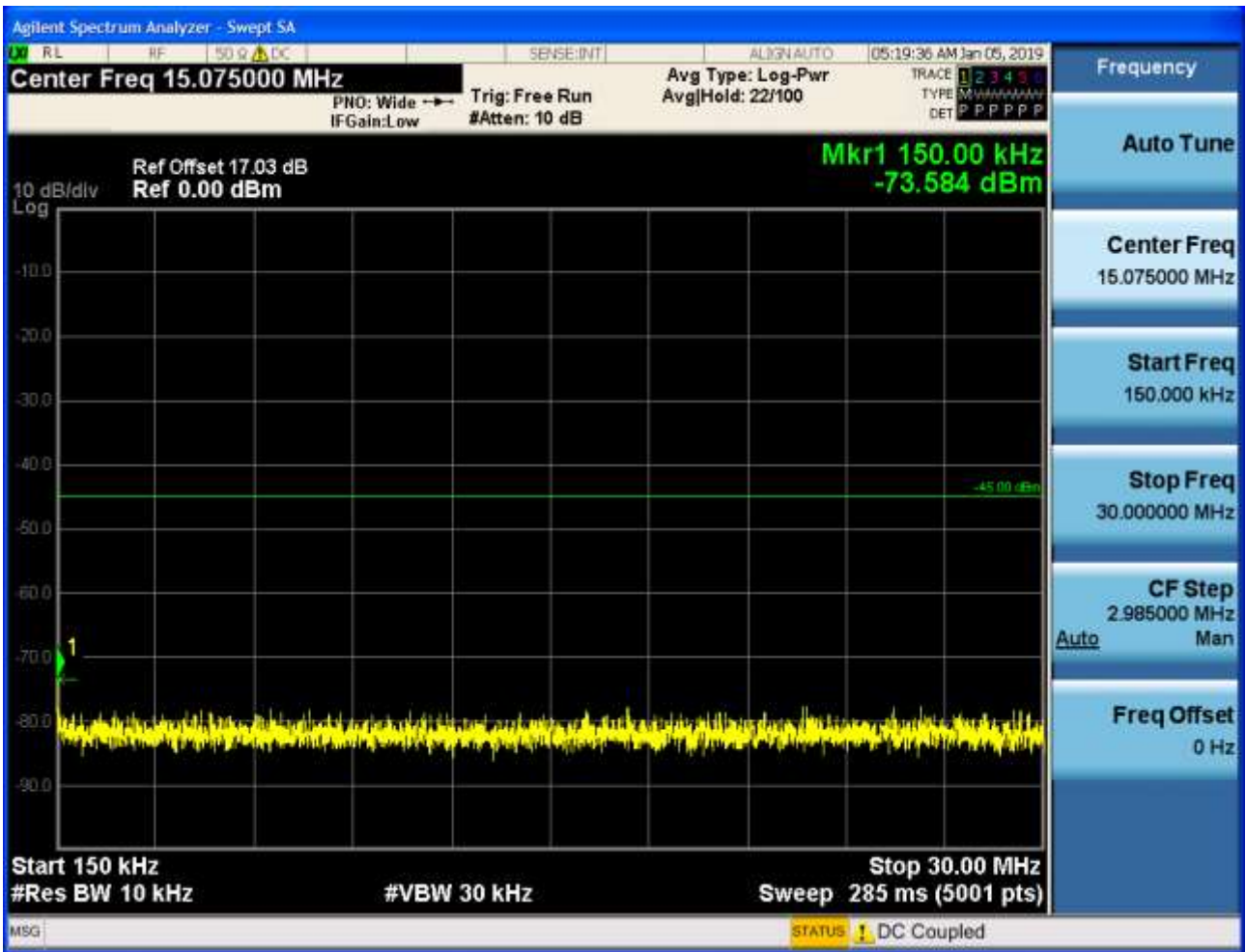




6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0





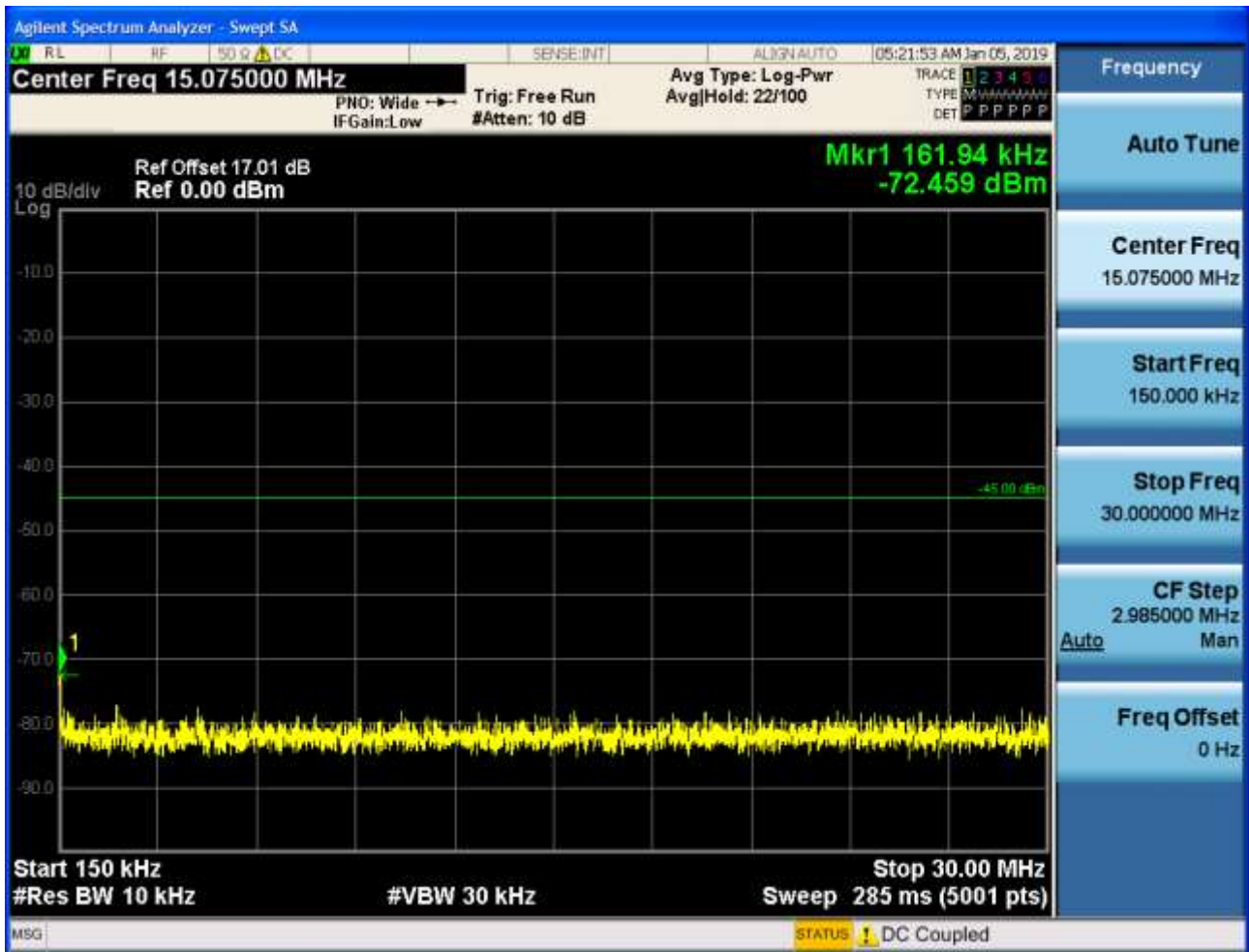


6.2.1.2.2 Test Bandwidth = 10

6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0



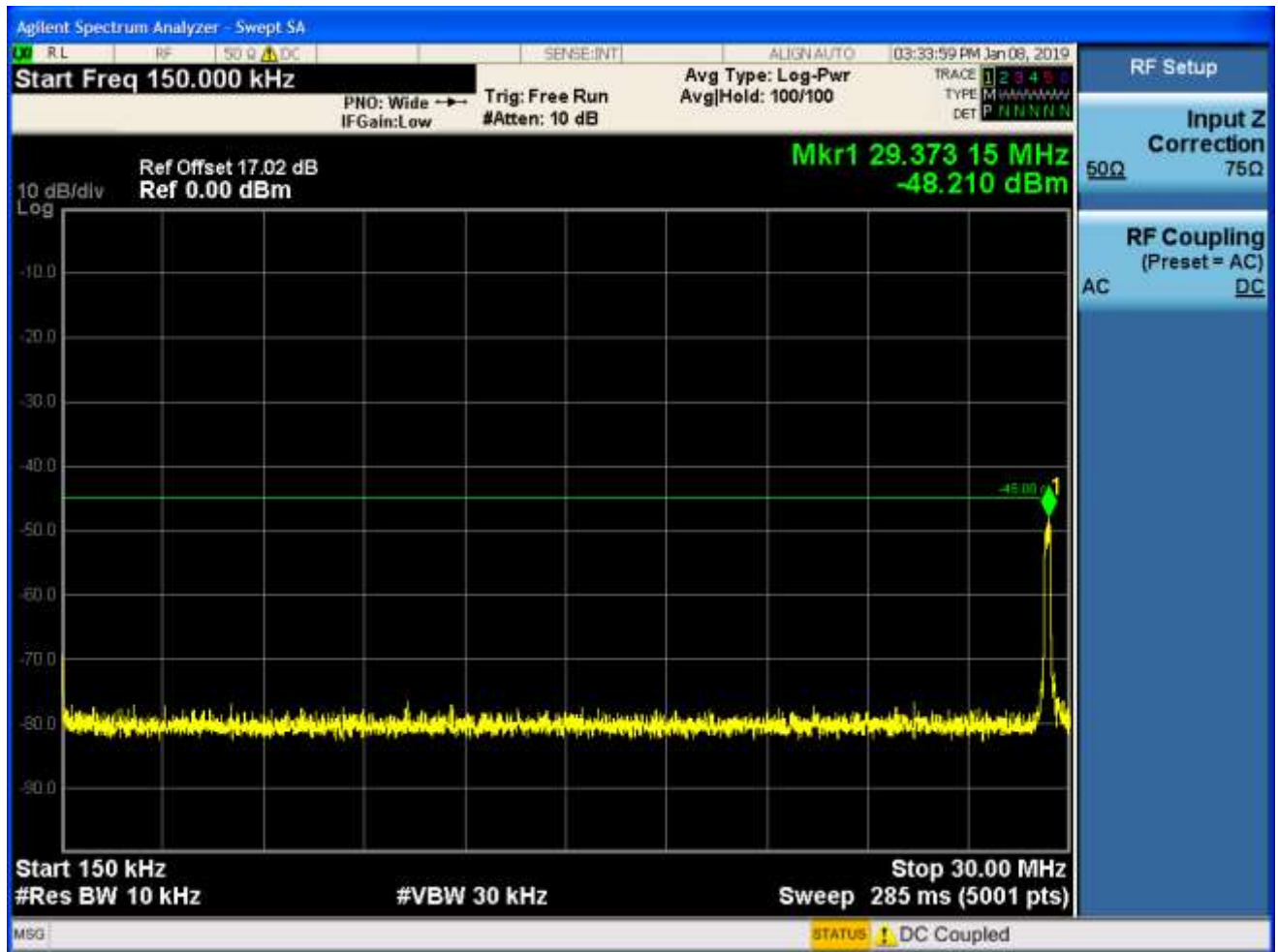




6.2.1.2.2 Test Channel = MCH

6.2.1.2.2.1 Test RB = RB1#0



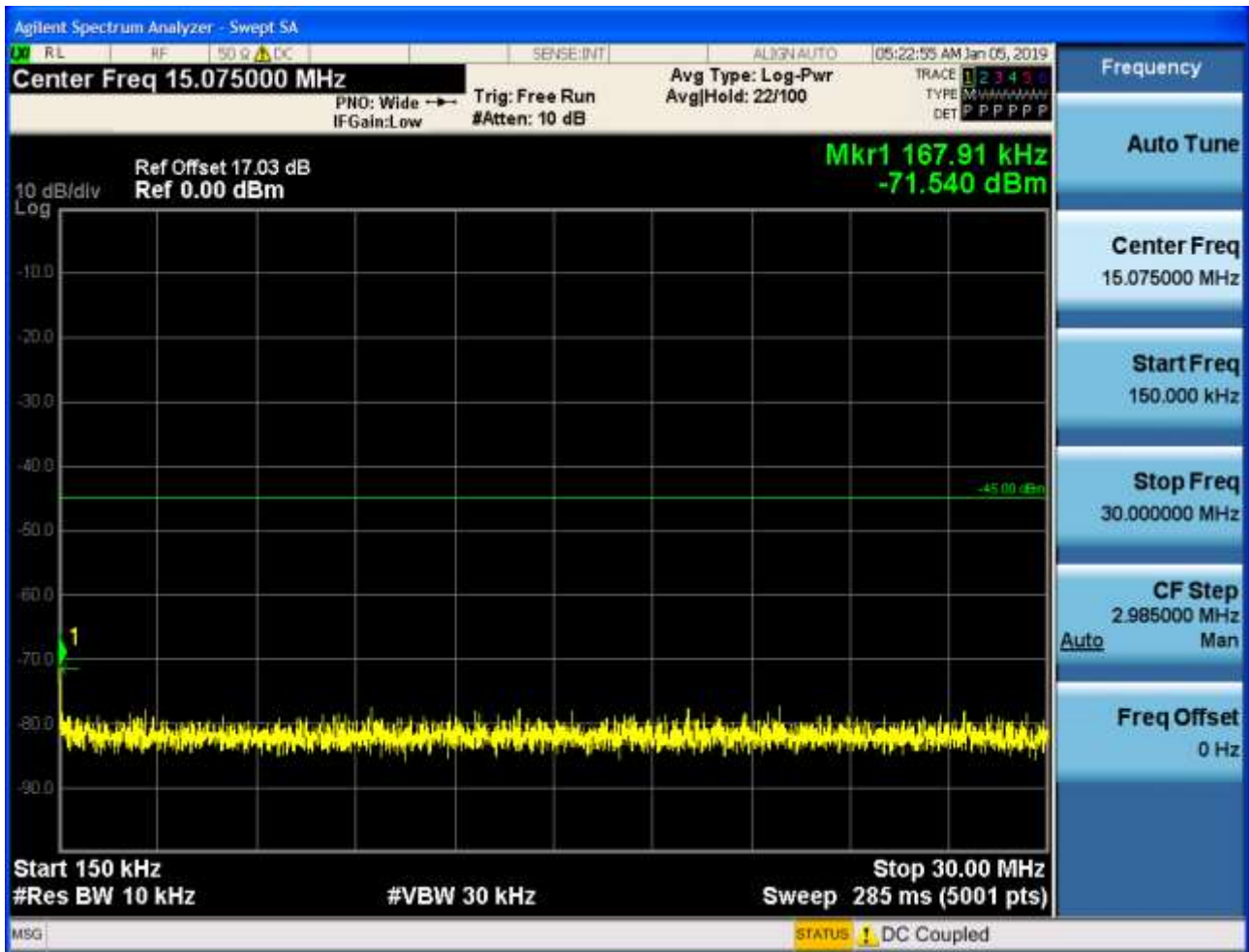




6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0





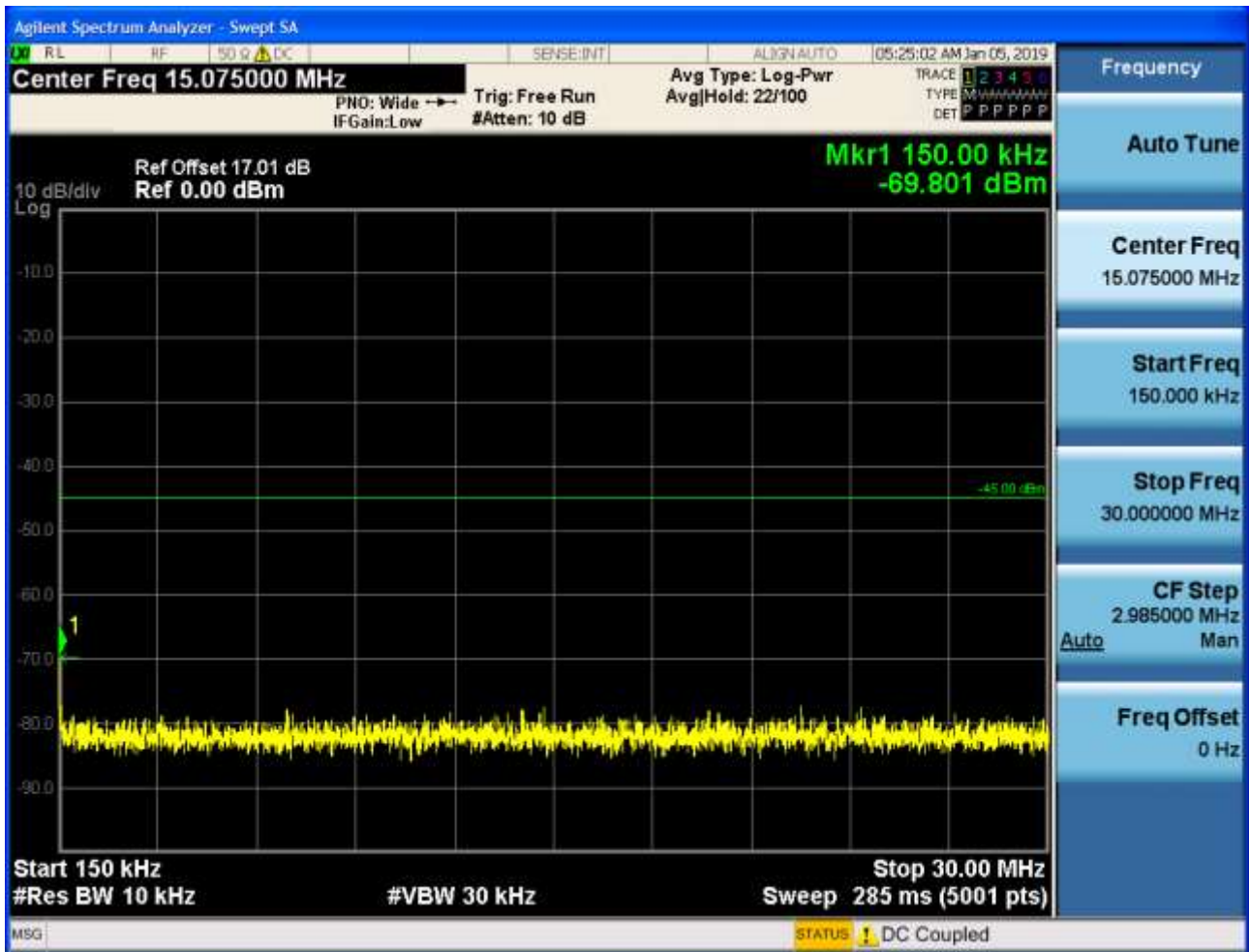


6.2.1.2.3 Test Bandwidth = 15

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0





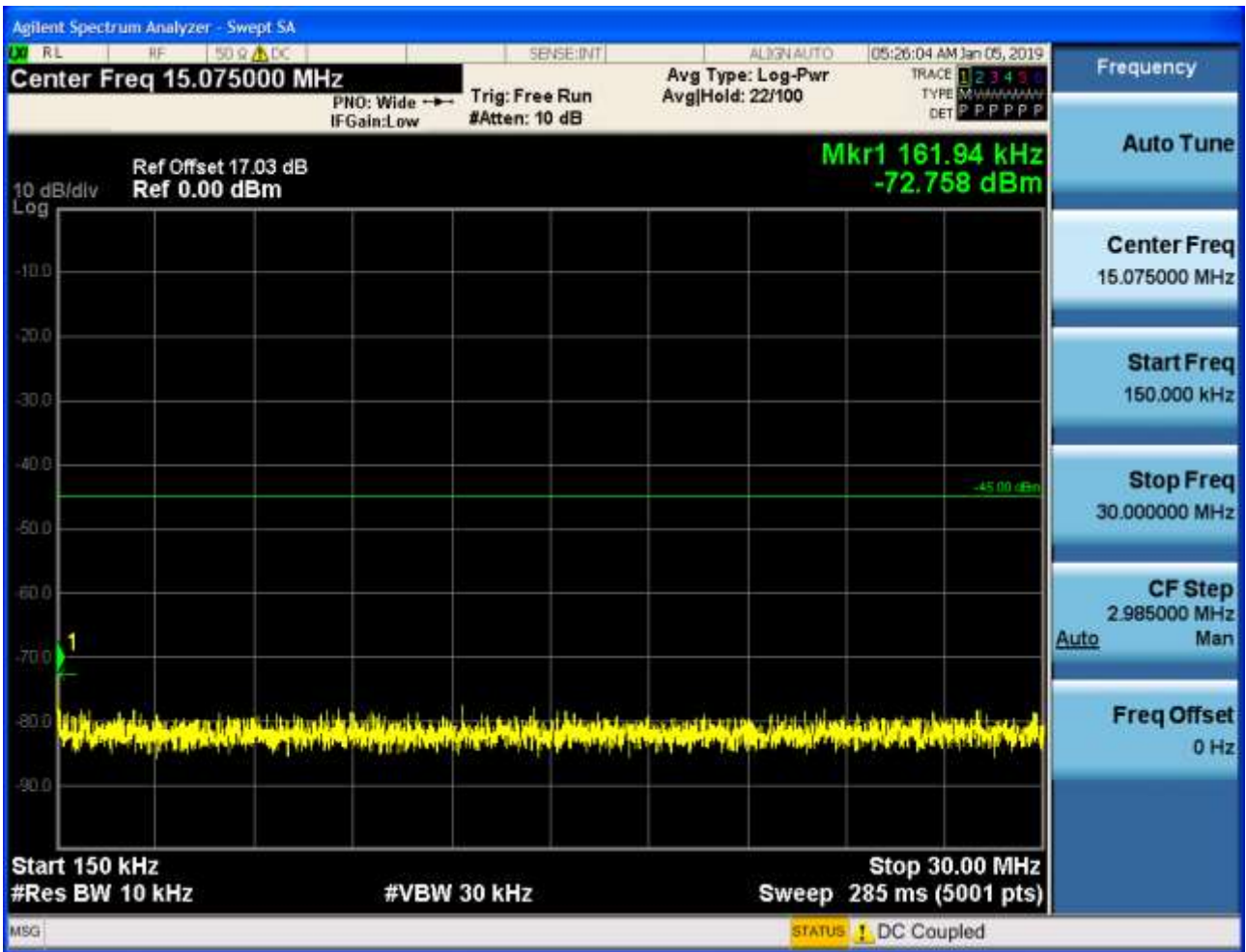




6.2.1.2.3.3 Test Channel = HCH

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

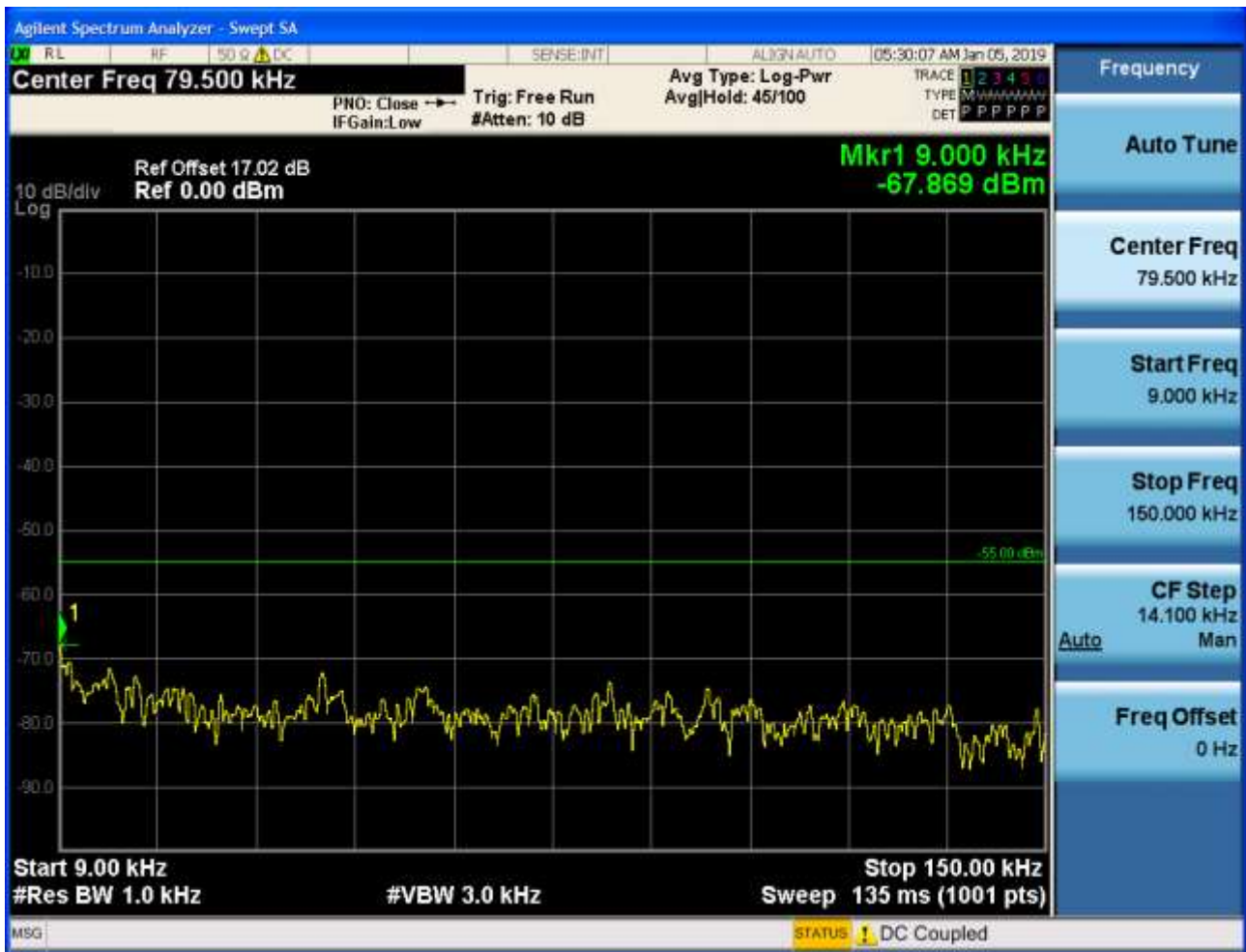


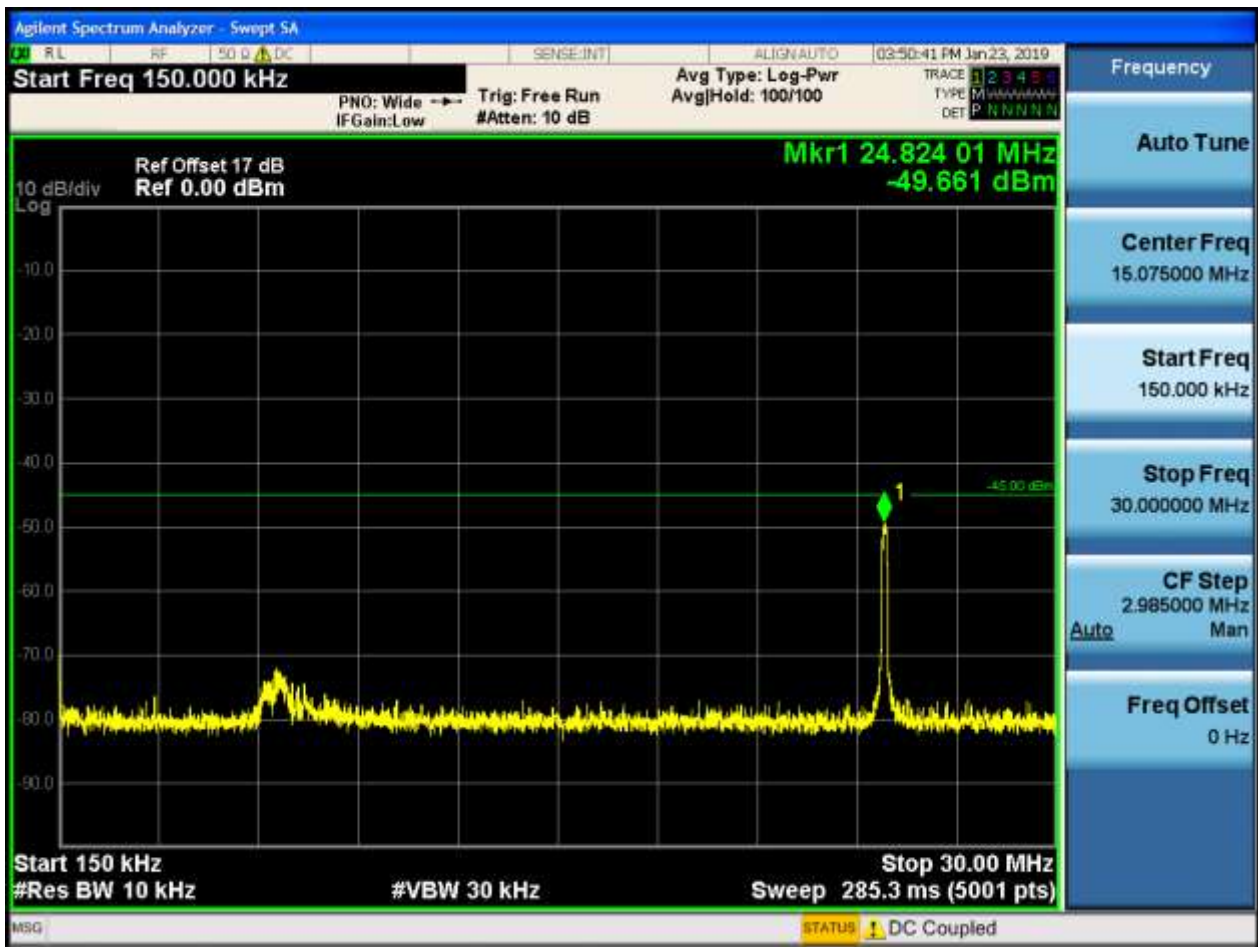




6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0

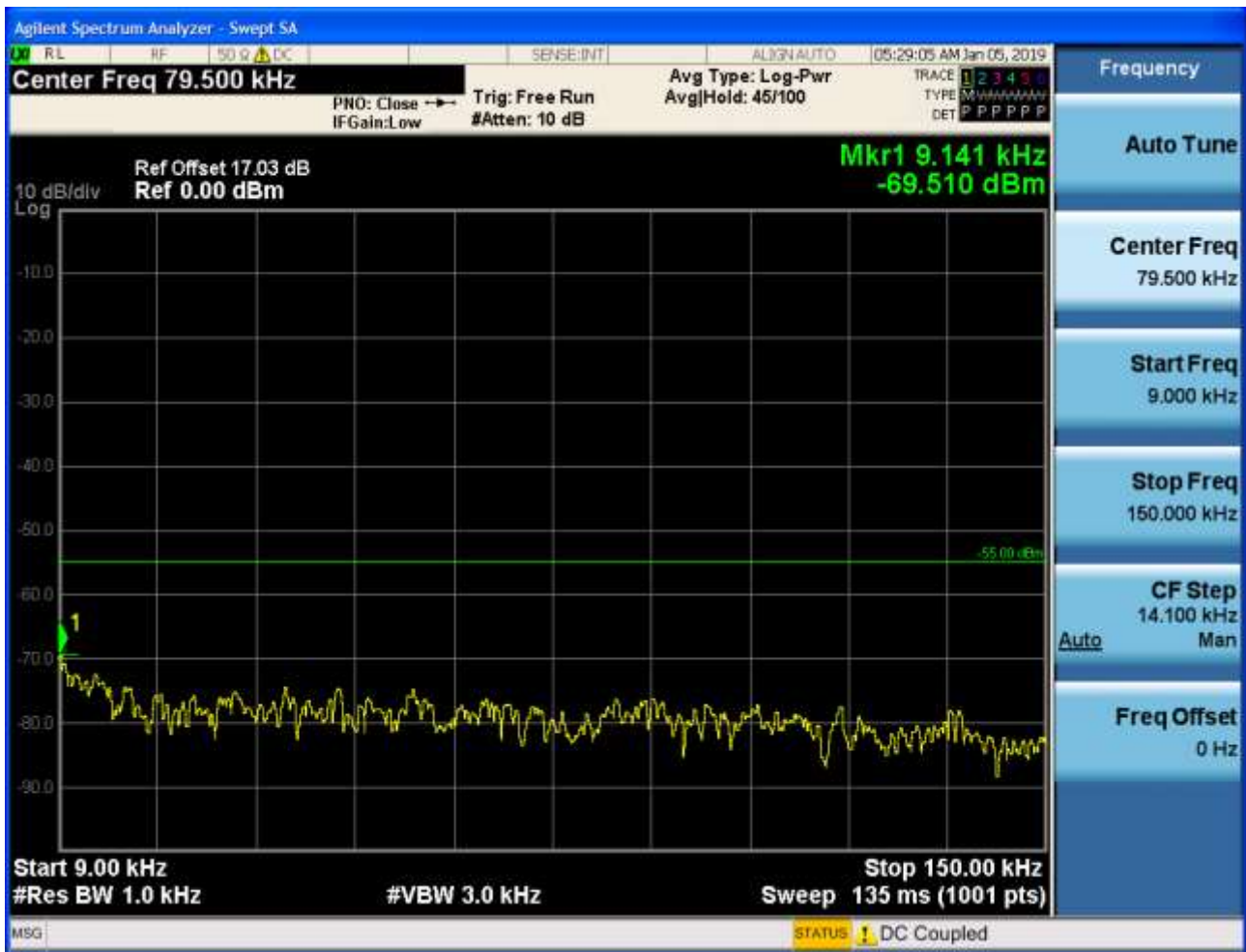


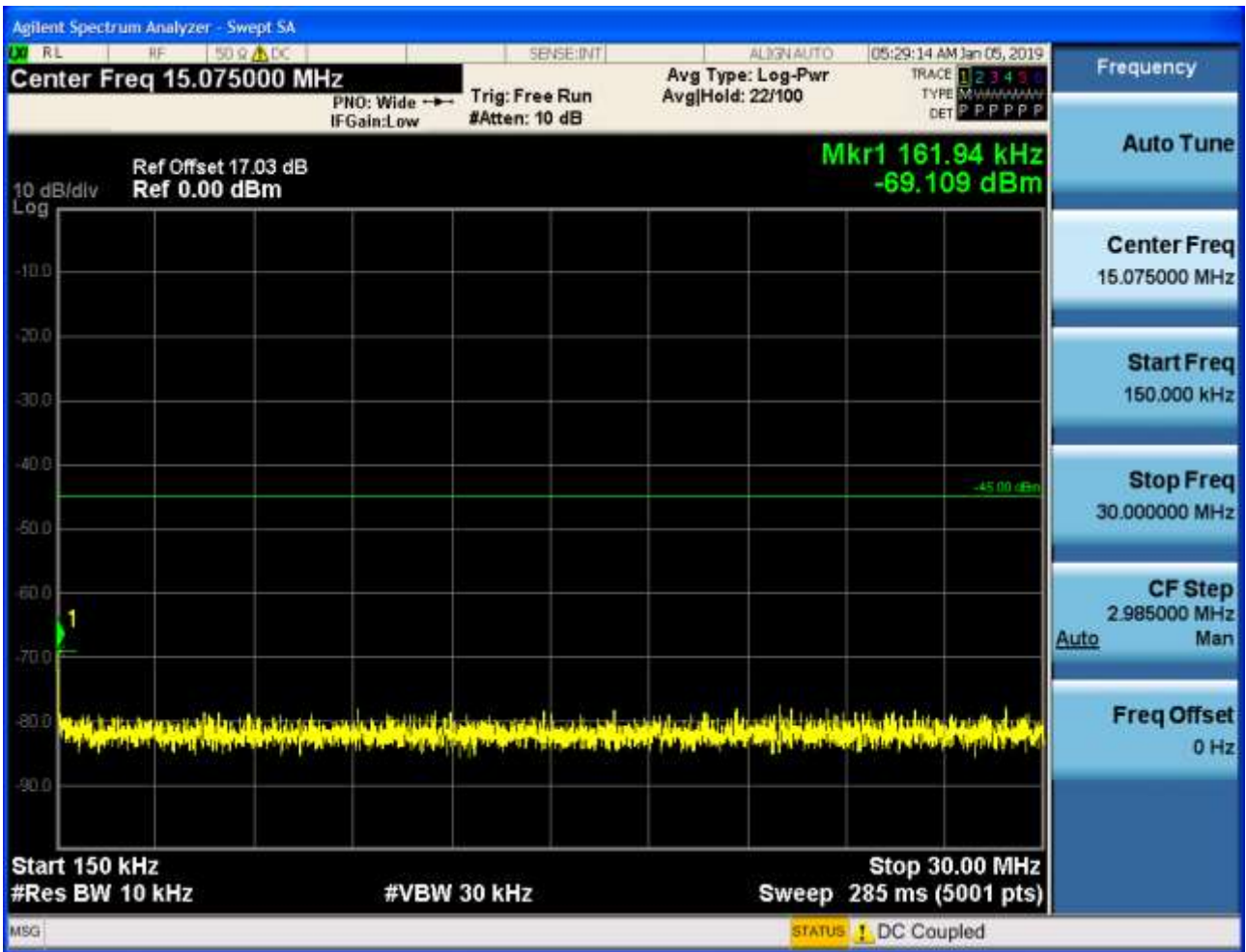




6.2.1.2.4.3 Test Channel = HCH

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

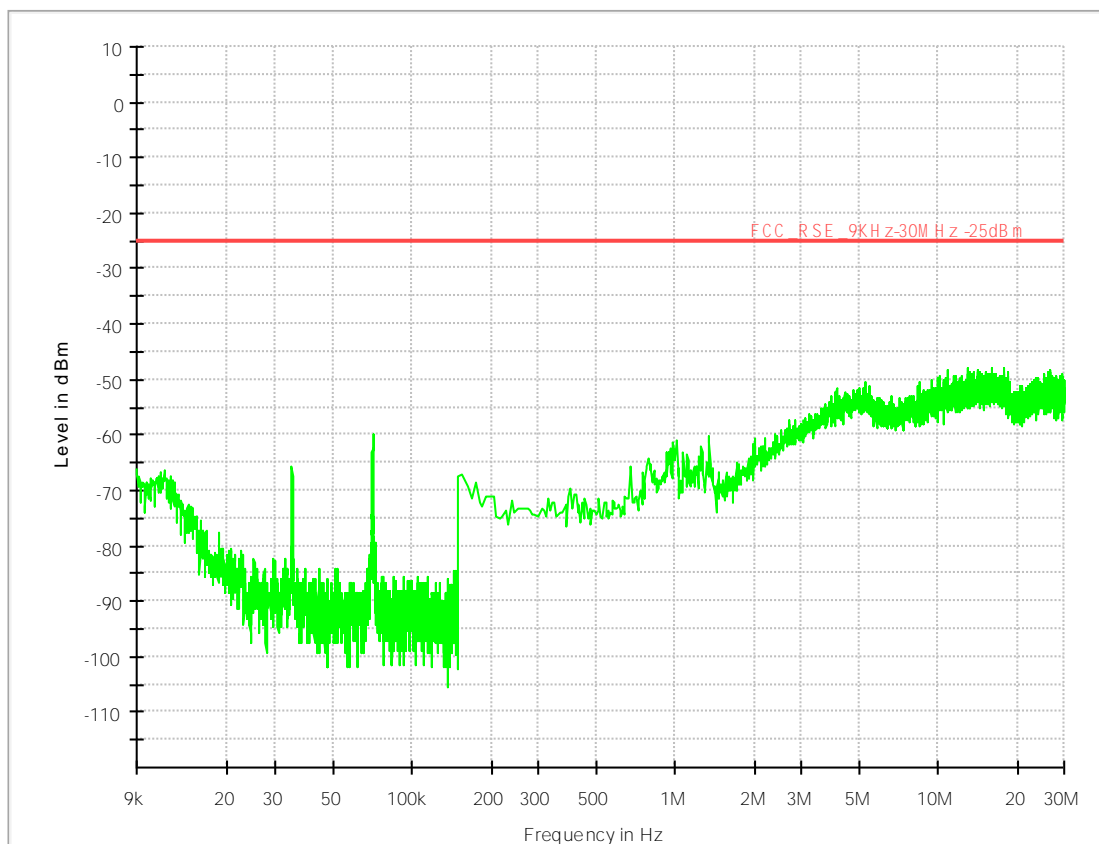
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

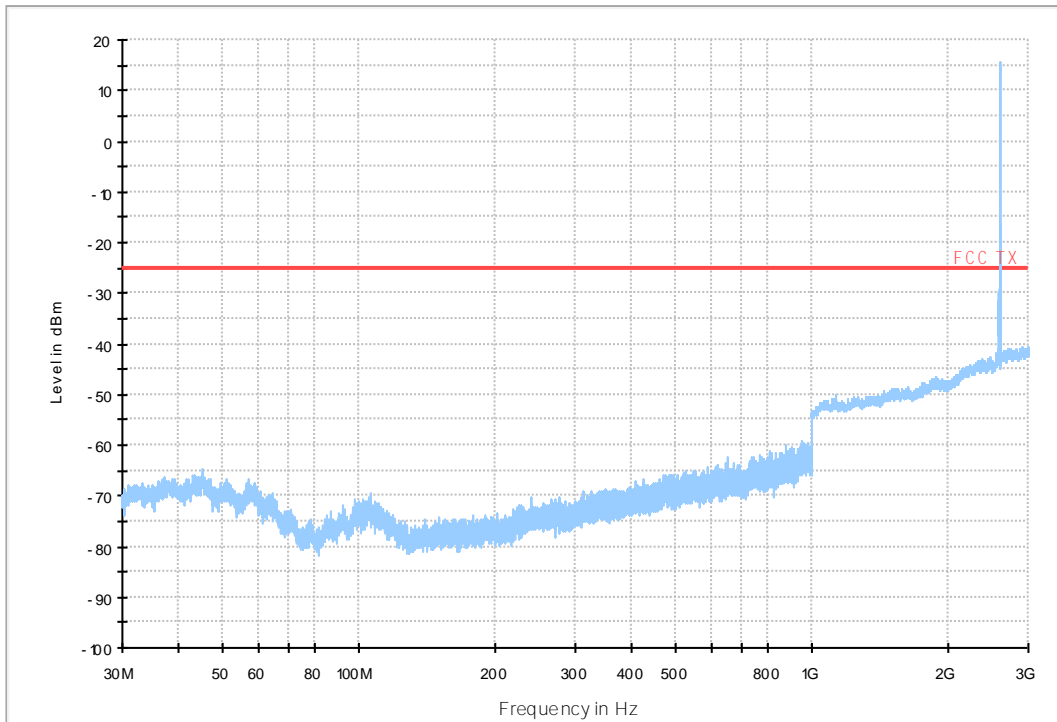
7.1 For LTE

7.1.1 Test Band = Band41 (2535-2655MHz) _ANT1

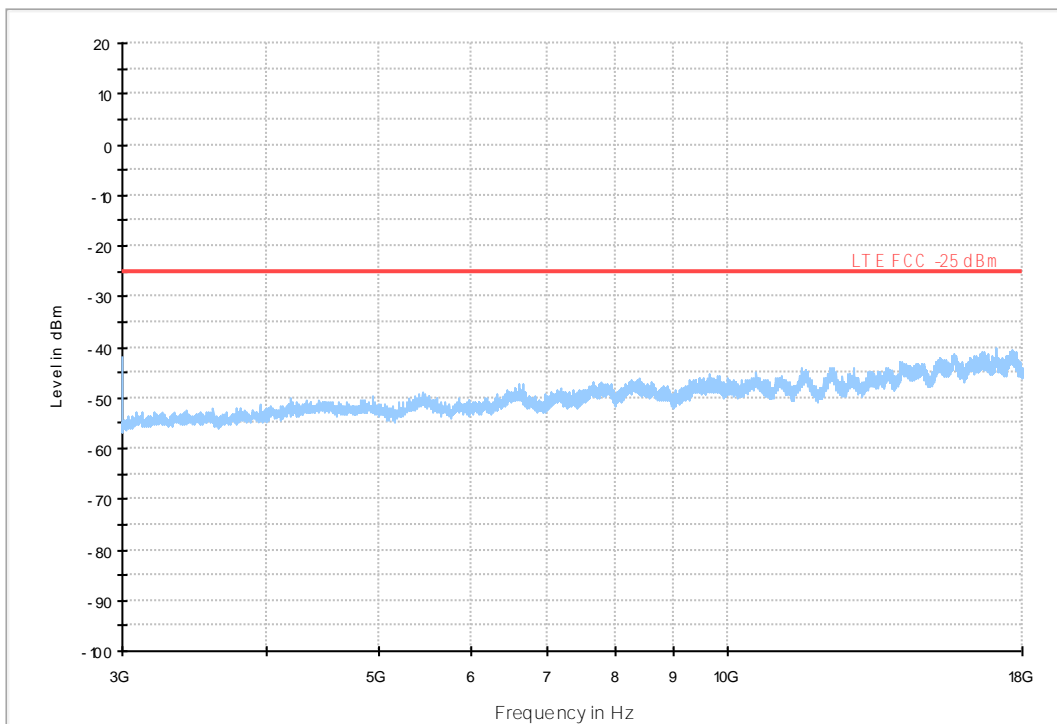
7.1.1.1 Test Bandwidth = 5



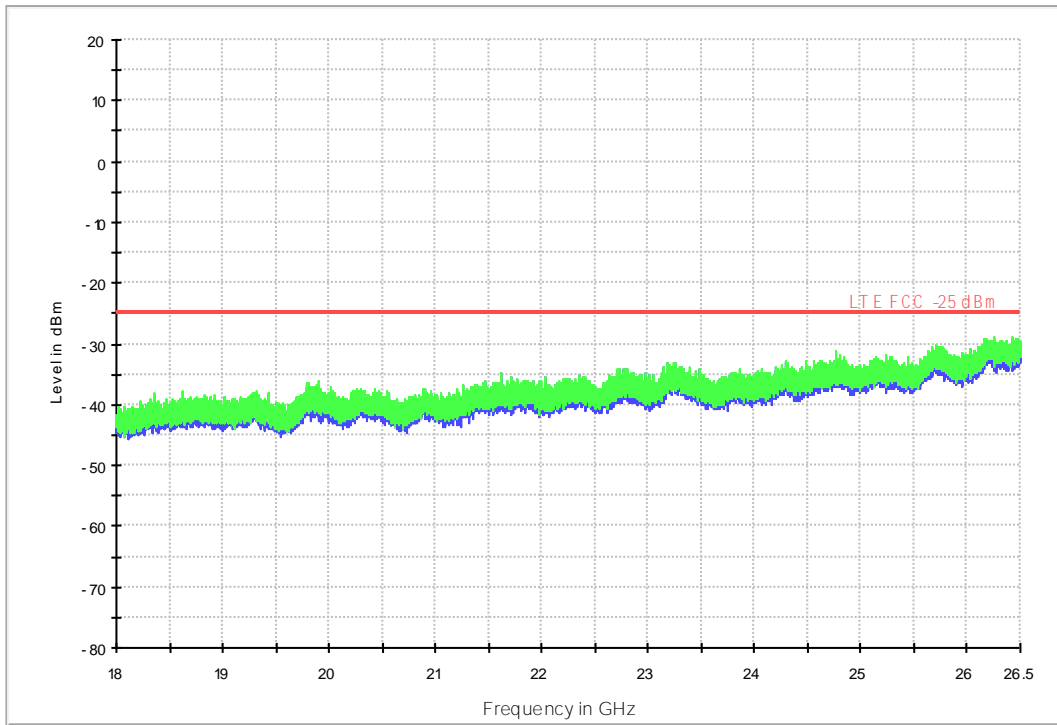
LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G_L -25dBm limit



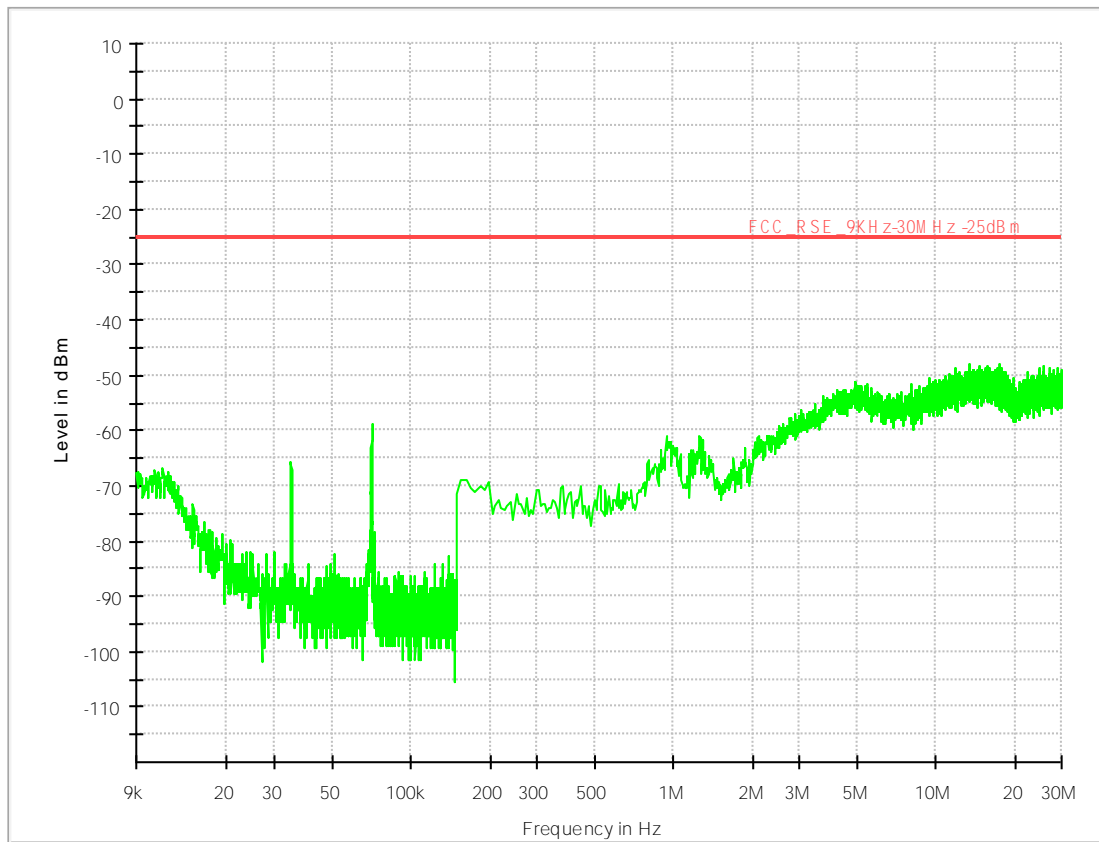
LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G_H -25dBm limit



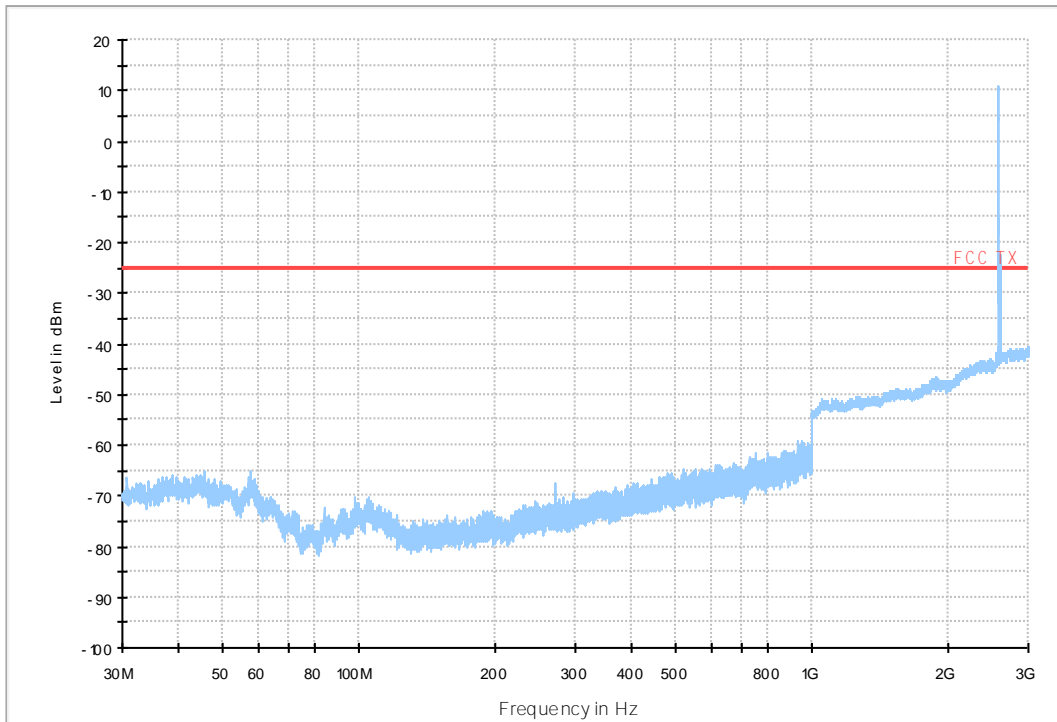
18G-26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK



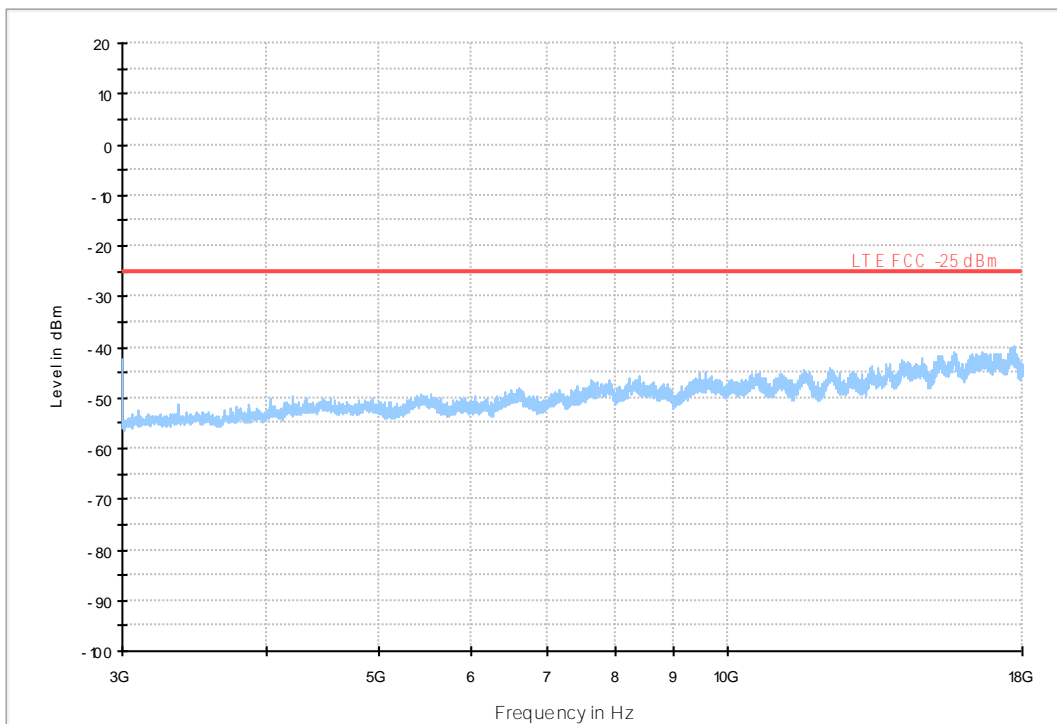
7.1.1.2 Test Bandwidth = 20



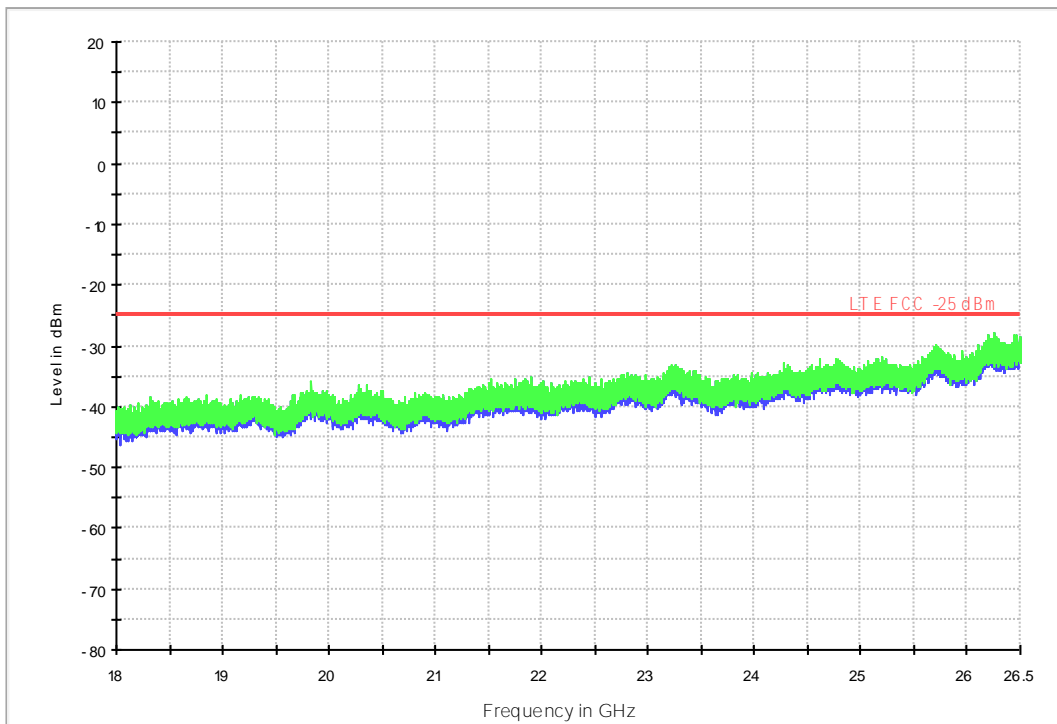
LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G_L -25dBm limit



LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G_H -25dBm limit

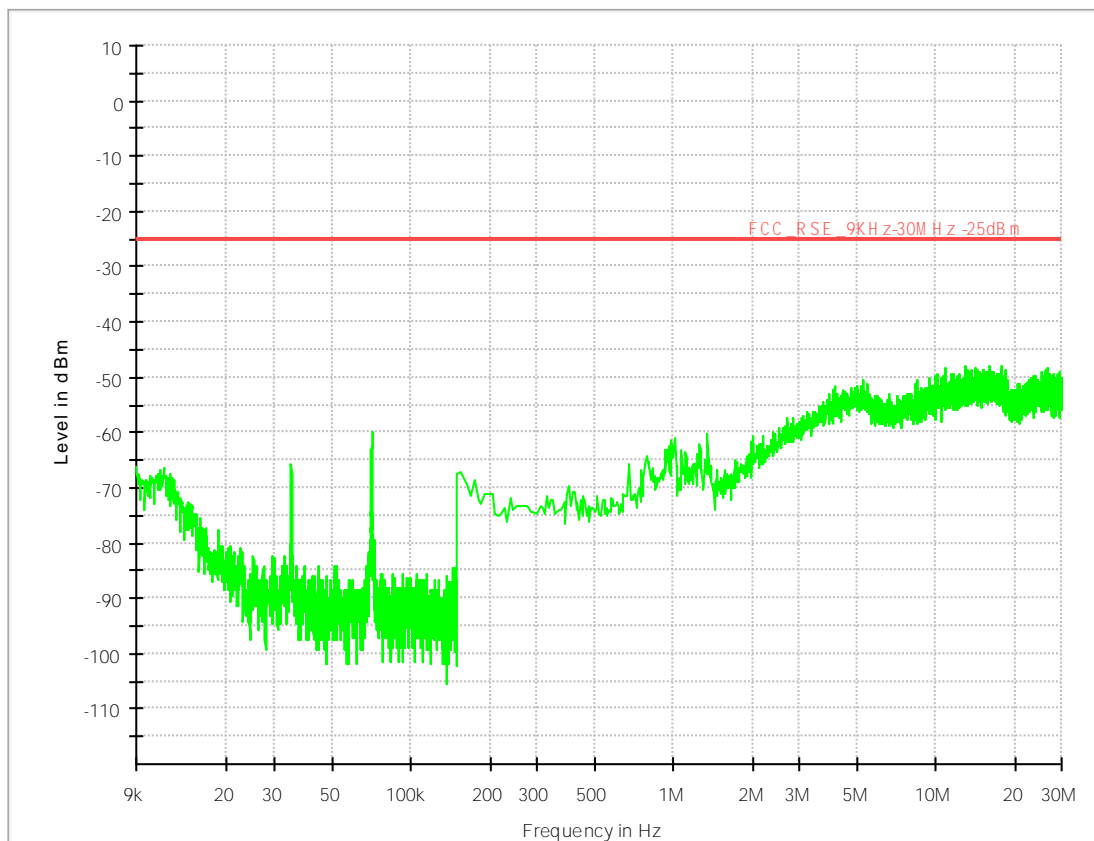


18G-26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK

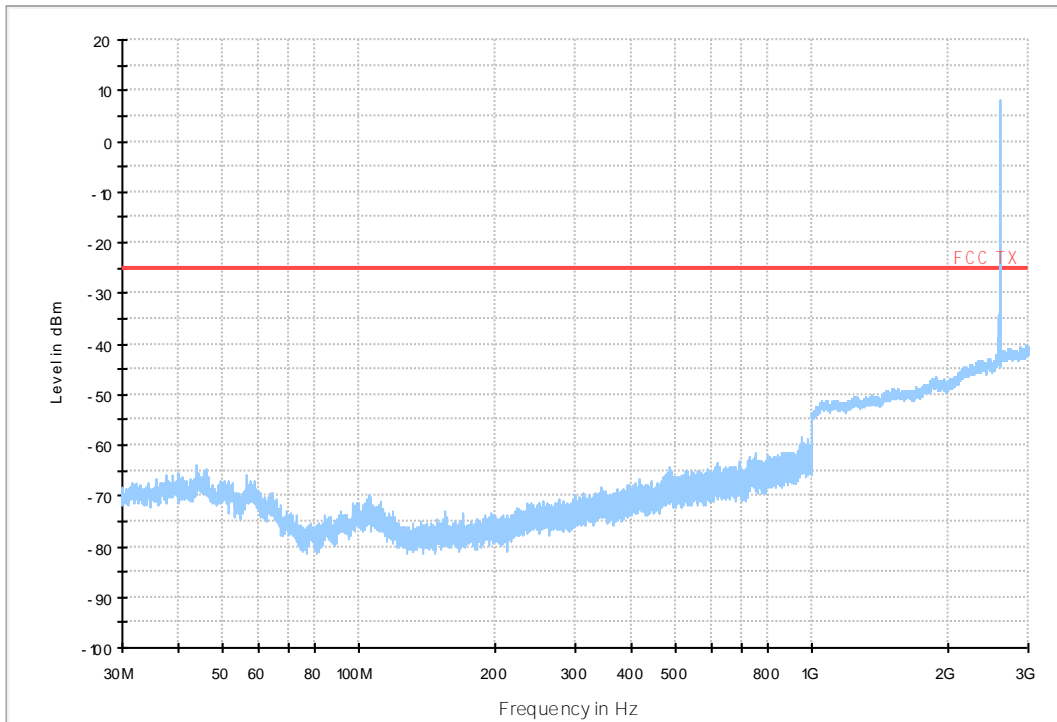


7.1.2 Test Band = Band41 (2535-2655MHz) _ANT2

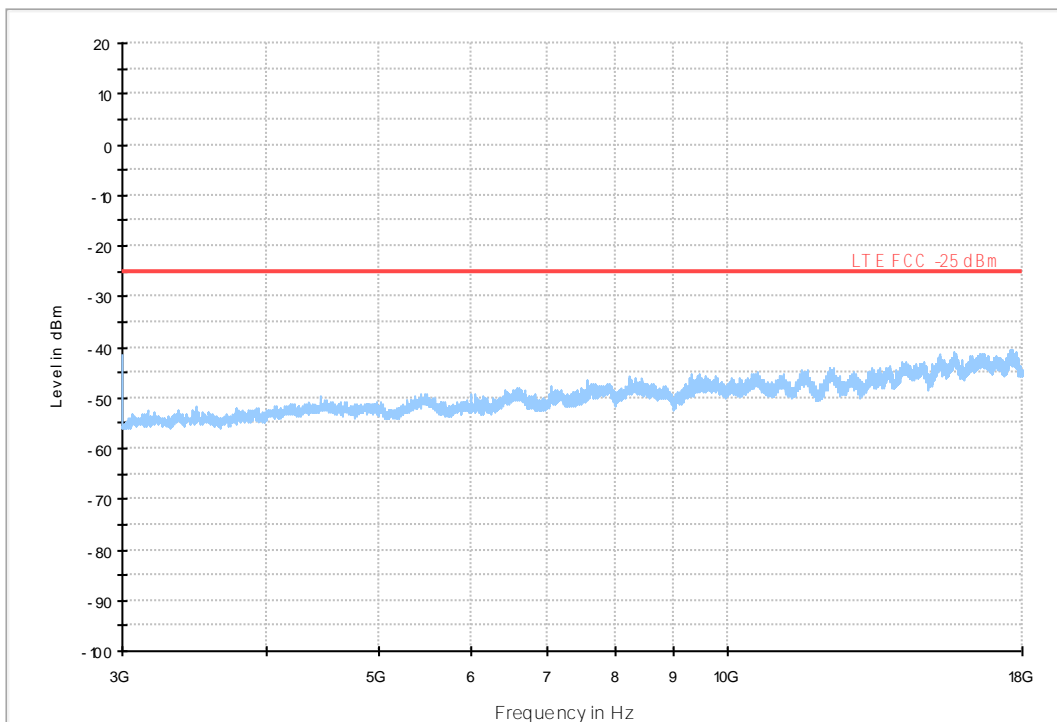
7.1.2.1 Test Bandwidth = 5



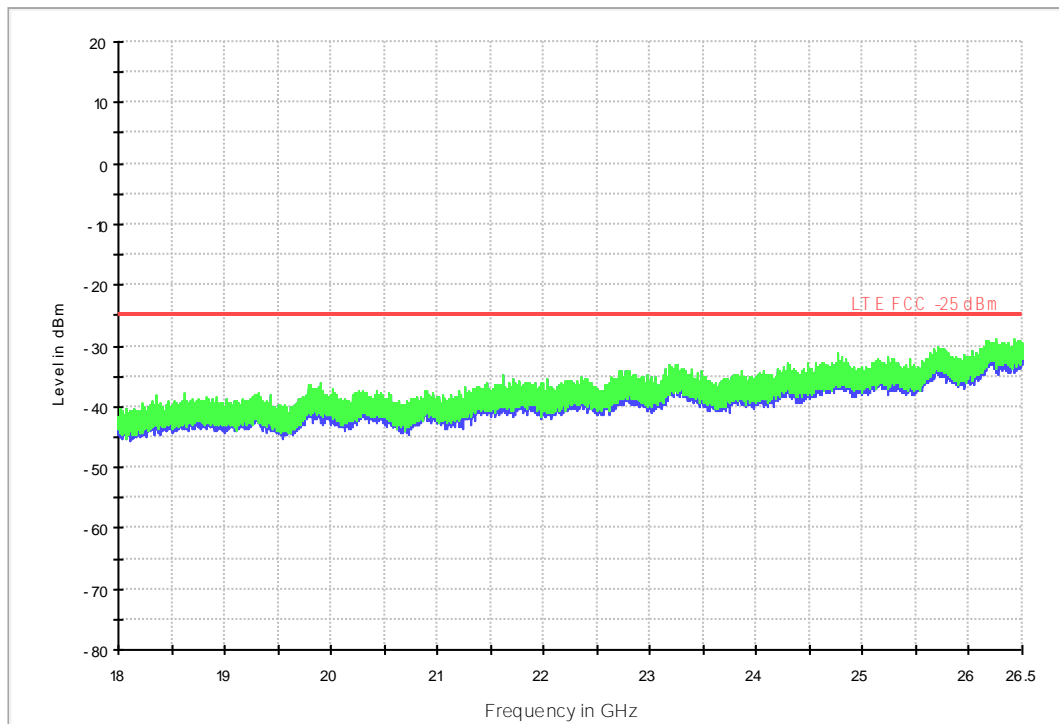
LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G_L -25dBm limit



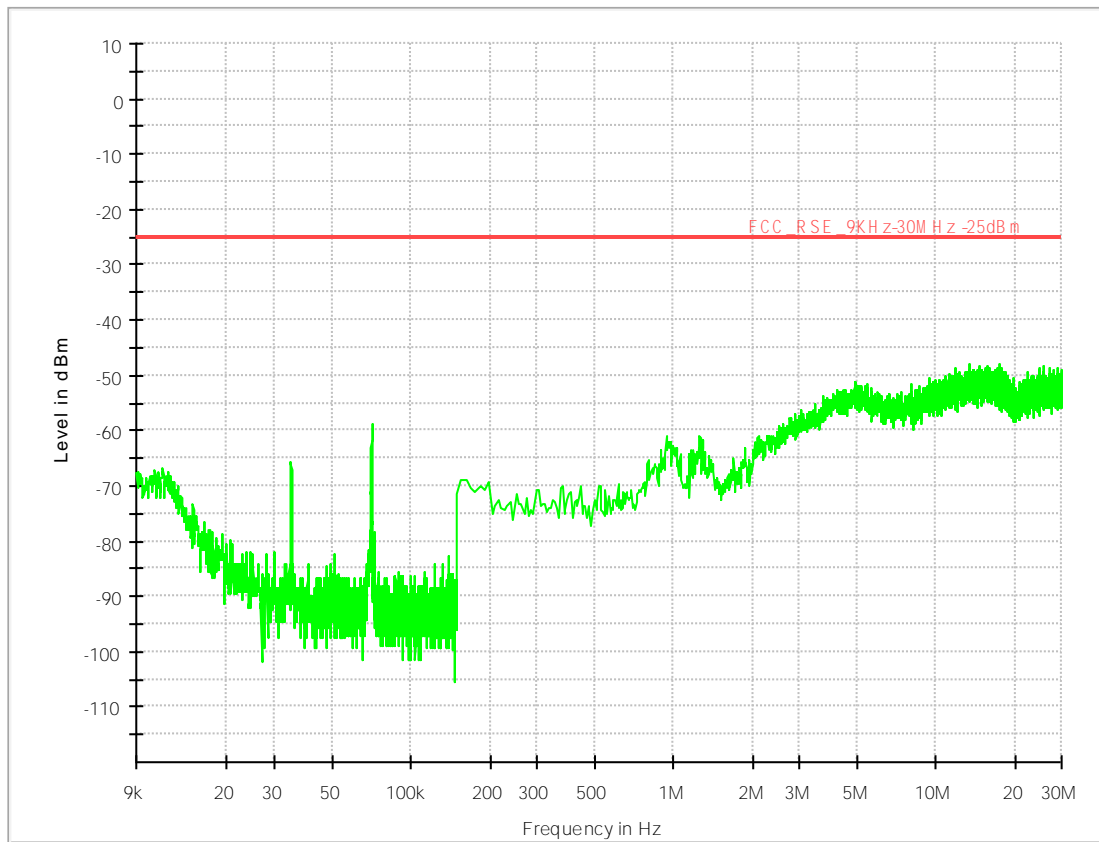
LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G_H -25dBm limit



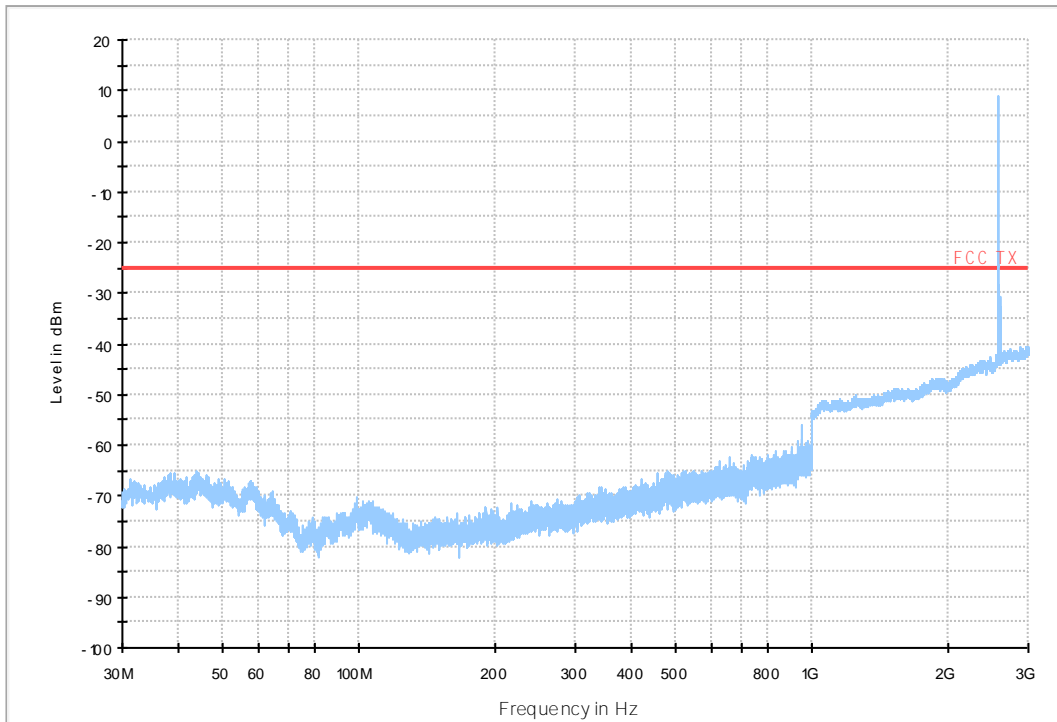
18G-26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK



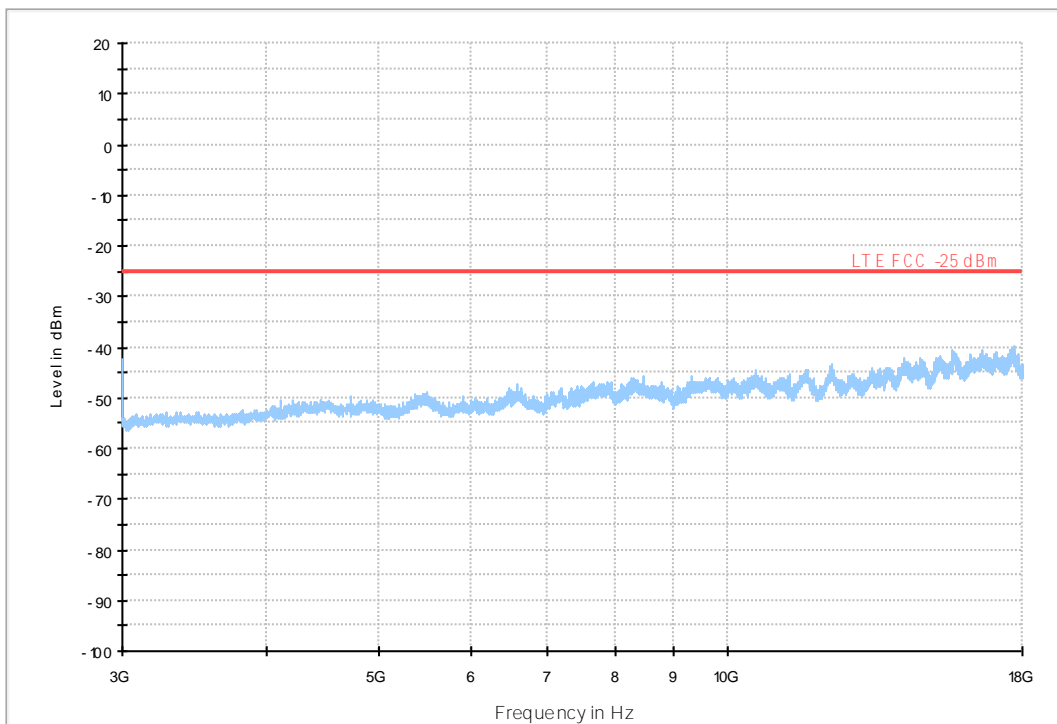
7.1.2.2 Test Bandwidth = 20



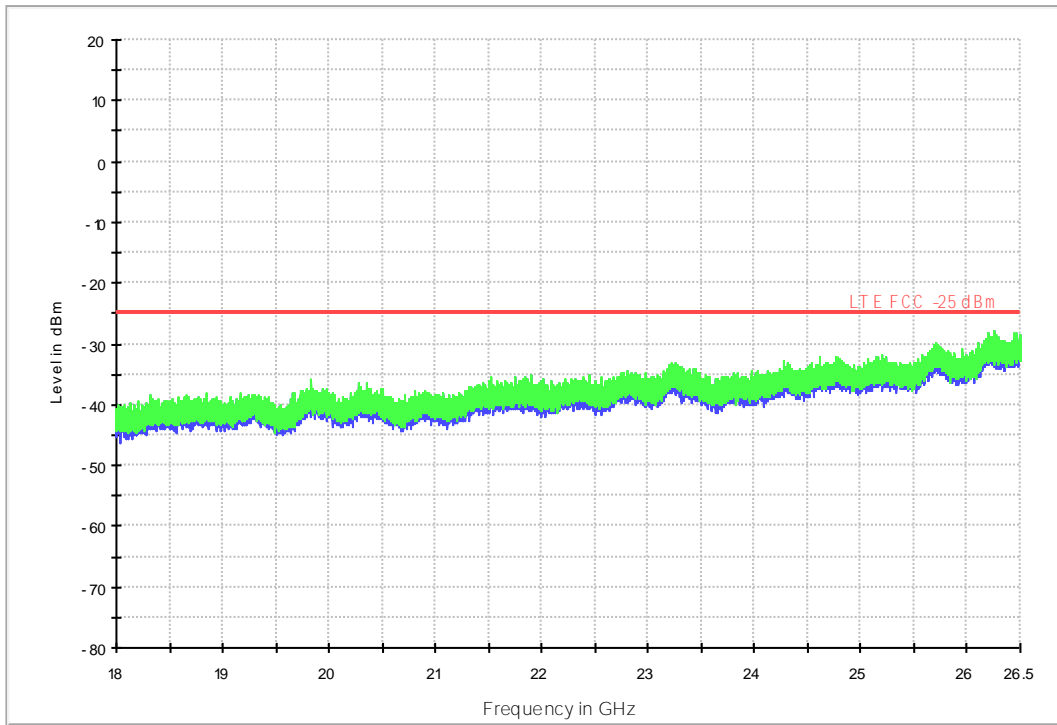
LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G_L -25dBm limit



LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 1.5G_H -25dBm limit



18G-26.5G RSE-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
Band41(2535-2655MHz)	LTE/TM1	5	LCH	TN	VL	-68.14957	-0.02686	PASS
					VN	-27.65179	-0.01090	PASS
					VH	-60.93979	-0.02402	PASS
			MCH	TN	VL	-52.95753	-0.02041	PASS
					VN	-28.82481	-0.01111	PASS
					VH	-69.45133	-0.02676	PASS
			HCH	TN	VL	-62.84237	-0.02369	PASS
					VN	-66.76197	-0.02517	PASS
					VH	-54.15916	-0.02042	PASS
		10	LCH	TN	VL	-42.75799	-0.01683	PASS
					VN	-14.83440	-0.00584	PASS
					VH	-47.53590	-0.01871	PASS
			MCH	TN	VL	-28.76759	-0.01109	PASS
					VN	-16.37936	-0.00631	PASS
					VH	-33.63132	-0.01296	PASS
			HCH	TN	VL	-42.44328	-0.01602	PASS
					VN	-16.47949	-0.00622	PASS
					VH	-37.32204	-0.01408	PASS
		15	LCH	TN	VL	-32.62997	-0.01283	PASS
					VN	-34.37519	-0.01352	PASS
					VH	-8.45432	-0.00333	PASS
			MCH	TN	VL	-22.64500	-0.00873	PASS
					VN	-18.65387	-0.00719	PASS
					VH	-18.56804	-0.00716	PASS
			HCH	TN	VL	-33.47397	-0.01264	PASS
					VN	-13.64708	-0.00515	PASS
					VH	-12.94613	-0.00489	PASS
		20	LCH	TN	VL	-13.76152	-0.00541	PASS
					VN	-11.55853	-0.00454	PASS
					VH	-10.41412	-0.00409	PASS
			MCH	TN	VL	-17.68112	-0.00681	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	-16.89434	-0.00651	PASS
					VH	-16.10756	-0.00621	PASS
					VL	-16.13617	-0.00610	PASS
			HCH	TN	VN	-14.86301	-0.00562	PASS
					VH	-12.17365	-0.00460	PASS
					VL	-66.70475	-0.02629	PASS
		5	LCH	TN	VN	-28.20969	-0.01112	PASS
					VH	-59.09443	-0.02329	PASS
					VL	-29.88338	-0.01152	PASS
			MCH	TN	VN	-29.35410	-0.01131	PASS
					VH	-58.13599	-0.02240	PASS
					VL	-66.89072	-0.02522	PASS
			HCH	TN	VN	-44.21711	-0.01667	PASS
					VH	-61.54060	-0.02320	PASS
					VL	-48.60878	-0.01914	PASS
	10	LCH	TN	VN	-16.63685	-0.00655	PASS	
				VH	-45.66193	-0.01798	PASS	
				VL	-17.68112	-0.00681	PASS	
		MCH	TN	VN	-15.57827	-0.00600	PASS	
				VH	-20.58506	-0.00793	PASS	
				VL	-33.60271	-0.01268	PASS	
		HCH	TN	VN	-16.69407	-0.00630	PASS	
				VH	-45.73345	-0.01726	PASS	
				VL	-12.45975	-0.00490	PASS	
	15	LCH	TN	VN	-16.59393	-0.00653	PASS	
				VH	-14.23359	-0.00560	PASS	
				VL	-14.23359	-0.00549	PASS	
		MCH	TN	VN	-17.26627	-0.00665	PASS	
				VH	-26.82209	-0.01034	PASS	
				VL	-11.38687	-0.00430	PASS	
		HCH	TN	VN	-26.50738	-0.01001	PASS	
				VH	-15.13481	-0.00572	PASS	
				VL	-10.22816	-0.00402	PASS	
	20	LCH	TN	VN	-14.74857	-0.00580	PASS	
				VH	-16.00742	-0.00629	PASS	
				VL	-13.33237	-0.00514	PASS	
		MCH	TN	VN	-17.36641	-0.00669	PASS	
				VH	-19.15455	-0.00738	PASS	
				VL	-19.15455	-0.00738	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	-11.60145	-0.00439	PASS
					VN	-12.07352	-0.00456	PASS
					VH	-13.83305	-0.00523	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
Band41(2535-2655MHz)	LTE/TM1	5	LCH	VN	-30	-81.76804	-0.03222	PASS
					-20	-42.90104	-0.01691	PASS
					-10	-59.62372	-0.02350	PASS
					0	-44.10267	-0.01738	PASS
					10	-39.02435	-0.01538	PASS
					20	-27.65179	-0.01090	PASS
					30	-70.86754	-0.02793	PASS
					40	-77.04735	-0.03036	PASS
			50	-67.06238	-0.02643	PASS		
			MCH	VN	-30	-47.93644	-0.01847	PASS
					-20	-20.94269	-0.00807	PASS
					-10	-21.84391	-0.00842	PASS
					0	-19.05441	-0.00734	PASS
					10	-13.81874	-0.00533	PASS
					20	-28.82481	-0.01111	PASS
					30	-18.26763	-0.00704	PASS
					40	-20.08438	-0.00774	PASS
			50	-19.56940	-0.00754	PASS		
			HCH	VN	-30	-65.25993	-0.02460	PASS
					-20	-52.98615	-0.01998	PASS
					-10	-23.50330	-0.00886	PASS
					0	-53.84445	-0.02030	PASS
					10	-57.54948	-0.02170	PASS
					20	-66.76197	-0.02517	PASS
		30			-63.41457	-0.02391	PASS	
		40			-51.95618	-0.01959	PASS	
		50	-55.43232	-0.02090	PASS			
		10	LCH	VN	-30	-12.50267	-0.00492	PASS
-20	-16.47949				-0.00649	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
		15			-10	-37.06455	-0.01459	PASS		
					0	-43.11562	-0.01697	PASS		
					10	-14.54830	-0.00573	PASS		
					20	-14.83440	-0.00584	PASS		
					30	-39.62517	-0.01560	PASS		
					40	-57.57809	-0.02267	PASS		
					50	-13.06057	-0.00514	PASS		
			MCH	VN	-30	-27.88067	-0.01074	PASS		
					-20	-11.93047	-0.00460	PASS		
					-10	-20.67089	-0.00797	PASS		
					0	-19.82689	-0.00764	PASS		
					10	-16.98017	-0.00654	PASS		
					20	-16.37936	-0.00631	PASS		
					30	-14.43386	-0.00556	PASS		
					40	-15.00607	-0.00578	PASS		
			HCH	VN	-30	-16.85143	-0.00636	PASS		
					-20	-59.12304	-0.02231	PASS		
					-10	-13.89027	-0.00524	PASS		
					0	-16.33644	-0.00616	PASS		
					10	-15.49244	-0.00585	PASS		
					20	-16.47949	-0.00622	PASS		
					30	-16.15047	-0.00609	PASS		
					40	-46.92078	-0.01771	PASS		
			LCH	VN	-30	-33.88882	-0.01333	PASS		
					-20	-23.30303	-0.00917	PASS		
					-10	-11.87325	-0.00467	PASS		
					0	-10.74314	-0.00423	PASS		
					10	-12.25948	-0.00482	PASS		
					20	-34.37519	-0.01352	PASS		
					30	-11.32965	-0.00446	PASS		
					40	-33.74577	-0.01327	PASS		
					50	-27.80914	-0.01094	PASS		
					MCH	VN	-30	-14.50539	-0.00559	PASS
							-20	-15.93590	-0.00614	PASS
							-10	-16.17908	-0.00623	PASS
							0	-16.85143	-0.00649	PASS
							10	-13.70430	-0.00528	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict								
					20	-18.65387	-0.00719	PASS								
					30	-15.47813	-0.00596	PASS								
					40	-15.72132	-0.00606	PASS								
					50	-15.04898	-0.00580	PASS								
			HCH	VN				-30	-25.21992	-0.00953	PASS					
								-20	-12.20226	-0.00461	PASS					
								-10	-27.48013	-0.01038	PASS					
								0	-14.97746	-0.00566	PASS					
								10	-12.24518	-0.00463	PASS					
								20	-13.64708	-0.00515	PASS					
								30	-28.86772	-0.01090	PASS					
								40	-25.99239	-0.00982	PASS					
								50	-32.17220	-0.01215	PASS					
								LCH	VN				-30	-11.27243	-0.00443	PASS
													-20	-12.04491	-0.00473	PASS
													-10	-11.91616	-0.00468	PASS
			0	-11.97338	-0.00470	PASS										
			10	-12.20226	-0.00479	PASS										
			20	-11.55853	-0.00454	PASS										
			30	-11.71589	-0.00460	PASS										
		40	-9.82761	-0.00386	PASS											
		MCH	VN				50	-11.98769	-0.00471	PASS						
							-30	-15.10620	-0.00582	PASS						
							-20	-15.39230	-0.00593	PASS						
							-10	-19.02580	-0.00733	PASS						
							0	-19.26899	-0.00743	PASS						
							10	-13.58986	-0.00524	PASS						
							20	-16.89434	-0.00651	PASS						
							30	-15.63549	-0.00603	PASS						
		HCH	VN				40	-16.42227	-0.00633	PASS						
							50	-14.61983	-0.00563	PASS						
							-30	-13.67569	-0.00517	PASS						
							-20	-13.96179	-0.00528	PASS						
							-10	-13.41820	-0.00507	PASS						
							0	-13.18932	-0.00499	PASS						
							10	-13.16071	-0.00498	PASS						
							20	-14.86301	-0.00562	PASS						
							30	-15.19203	-0.00574	PASS						
							40	-13.50403	-0.00511	PASS						



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	5	LCH	VN	50	-14.51969	-0.00549	PASS
					-30	-53.31516	-0.02101	PASS
					-20	-75.35934	-0.02970	PASS
					-10	-66.66183	-0.02627	PASS
					0	-73.35663	-0.02891	PASS
					10	-28.12386	-0.01108	PASS
					20	-28.20969	-0.01112	PASS
					30	-69.47994	-0.02738	PASS
					40	-66.53309	-0.02622	PASS
					50	-71.75446	-0.02828	PASS
			MCH	VN	-30	-71.33961	-0.02749	PASS
					-20	-23.10276	-0.00890	PASS
					-10	-27.36568	-0.01055	PASS
					0	-17.98153	-0.00693	PASS
					10	-29.65450	-0.01143	PASS
					20	-29.35410	-0.01131	PASS
					30	-19.86980	-0.00766	PASS
					40	-23.05984	-0.00889	PASS
					50	-20.44201	-0.00788	PASS
					HCH	VN	-30	-73.18497
		-20	-23.81802	-0.00898			PASS	
		-10	-56.96297	-0.02148			PASS	
		0	-21.67225	-0.00817			PASS	
		10	-68.27831	-0.02574			PASS	
		20	-44.21711	-0.01667			PASS	
		30	-23.93246	-0.00902			PASS	
		40	-20.49923	-0.00773			PASS	
		50	-68.85052	-0.02596			PASS	
		10	LCH	VN			-30	-16.69407
					-20	-17.26627	-0.00680	PASS
					-10	-15.89298	-0.00626	PASS
					0	-48.49434	-0.01909	PASS
					10	-16.10756	-0.00634	PASS
					20	-16.63685	-0.00655	PASS
					30	-44.23141	-0.01741	PASS
					40	-48.02227	-0.01891	PASS
					50	-17.10892	-0.00674	PASS
					MCH	VN	-30	-17.80987
			-20	-14.07623			-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	-21.98696	-0.00847	PASS		
					0	-15.40661	-0.00594	PASS		
					10	-80.45197	-0.03100	PASS		
					20	-15.57827	-0.00600	PASS		
					30	-14.70566	-0.00567	PASS		
					40	-18.81123	-0.00725	PASS		
					50	-14.37664	-0.00554	PASS		
			HCH	VN	-30	-15.53535	-0.00586	PASS		
					-20	-33.67424	-0.01271	PASS		
					-10	-45.21847	-0.01706	PASS		
					0	-15.96451	-0.00602	PASS		
					10	-14.11915	-0.00533	PASS		
					20	-16.69407	-0.00630	PASS		
					30	-17.33780	-0.00654	PASS		
			LCH	VN	-40	-35.67696	-0.01346	PASS		
					50	-13.73291	-0.00518	PASS		
					-30	-14.77718	-0.00581	PASS		
					-20	-12.45975	-0.00490	PASS		
					-10	-26.00670	-0.01023	PASS		
					0	-12.88891	-0.00507	PASS		
		10			-14.43386	-0.00568	PASS			
		MCH	VN	20	-16.59393	-0.00653	PASS			
				30	-15.63549	-0.00615	PASS			
				40	-32.85885	-0.01292	PASS			
				50	-16.60824	-0.00653	PASS			
				-30	-20.72811	-0.00799	PASS			
				-20	-18.72540	-0.00722	PASS			
				-10	-20.08438	-0.00774	PASS			
		HCH	VN	0	-19.66953	-0.00758	PASS			
				10	-16.20770	-0.00625	PASS			
				20	-17.26627	-0.00665	PASS			
				30	-17.52377	-0.00675	PASS			
				40	-17.29488	-0.00666	PASS			
				50	-16.60824	-0.00640	PASS			
				-30	-11.90186	-0.00450	PASS			
				15	HCH	VN	-20	-11.95908	-0.00452	PASS
							-10	-12.81738	-0.00484	PASS
							0	-11.35826	-0.00429	PASS
							10	-21.92974	-0.00828	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					20	-26.50738	-0.01001	PASS		
					30	-14.31942	-0.00541	PASS		
					40	-13.83305	-0.00522	PASS		
					50	-13.37528	-0.00505	PASS		
		20	LCH	VN	-30	-15.87868	-0.00624	PASS		
					-20	-15.62119	-0.00614	PASS		
					-10	-15.79285	-0.00621	PASS		
					0	-13.71861	-0.00539	PASS		
					10	-15.03468	-0.00591	PASS		
					20	-14.74857	-0.00580	PASS		
					30	-13.96179	-0.00549	PASS		
					40	-13.10349	-0.00515	PASS		
					50	-13.24654	-0.00520	PASS		
					MCH	VN	-30	-16.98017	-0.00654	PASS
							-20	-16.72268	-0.00644	PASS
							-10	-16.90865	-0.00652	PASS
							0	-19.51218	-0.00752	PASS
							10	-18.71109	-0.00721	PASS
							20	-17.36641	-0.00669	PASS
							30	-14.03332	-0.00541	PASS
		40	-17.13753	-0.00660			PASS			
		HCH	VN	-30	-16.60824	-0.00628	PASS			
				-20	-14.13345	-0.00534	PASS			
				-10	-16.46519	-0.00623	PASS			
				0	-13.10349	-0.00495	PASS			
				10	-15.77854	-0.00597	PASS			
				20	-12.07352	-0.00456	PASS			
				30	-14.37664	-0.00544	PASS			
				40	-15.20634	-0.00575	PASS			
		50	-13.94749	-0.00527	PASS					

END