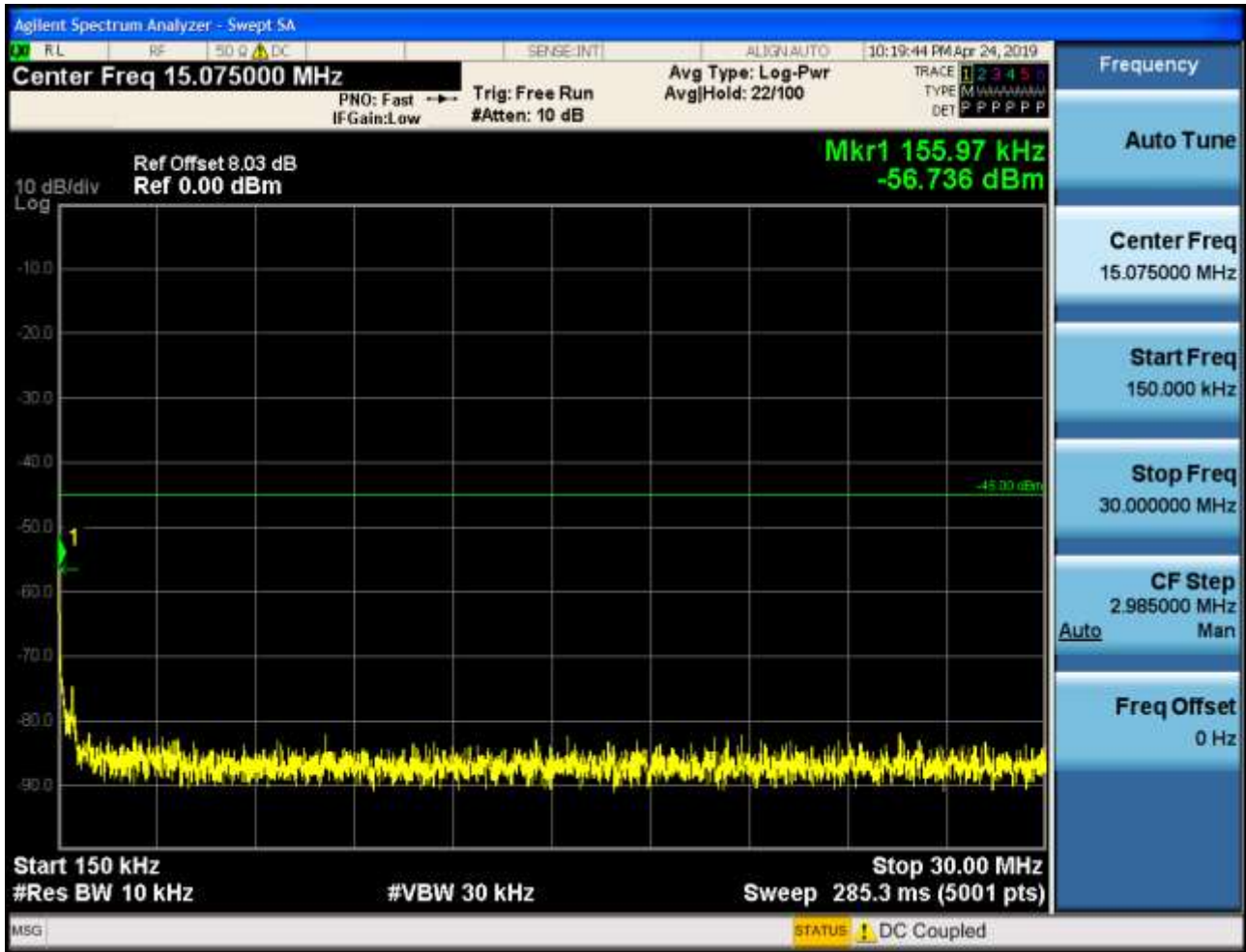




6.2.1.1.2.3 Test Channel = HCH

6.2.1.1.2.3.1 Test RB = RB1#0



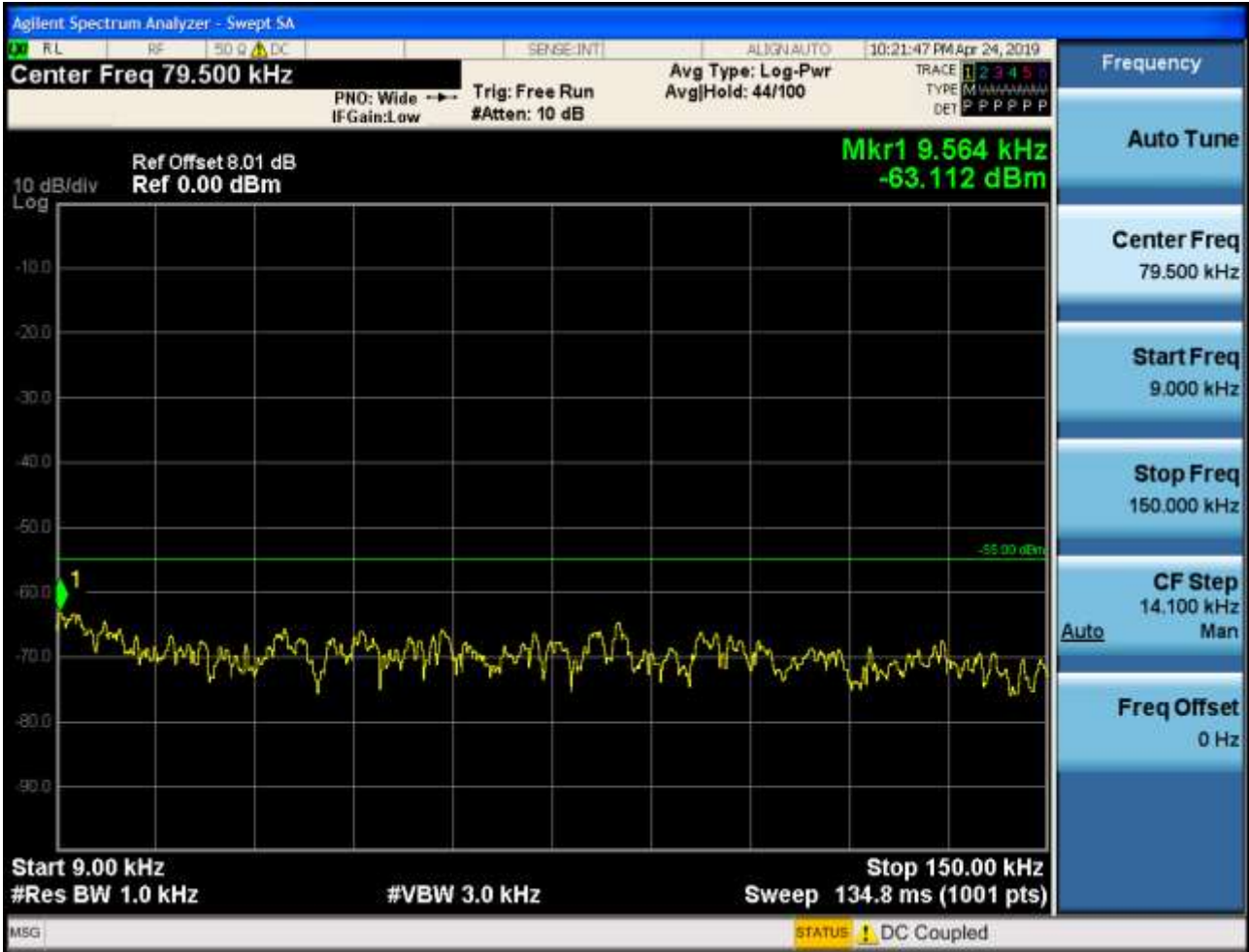


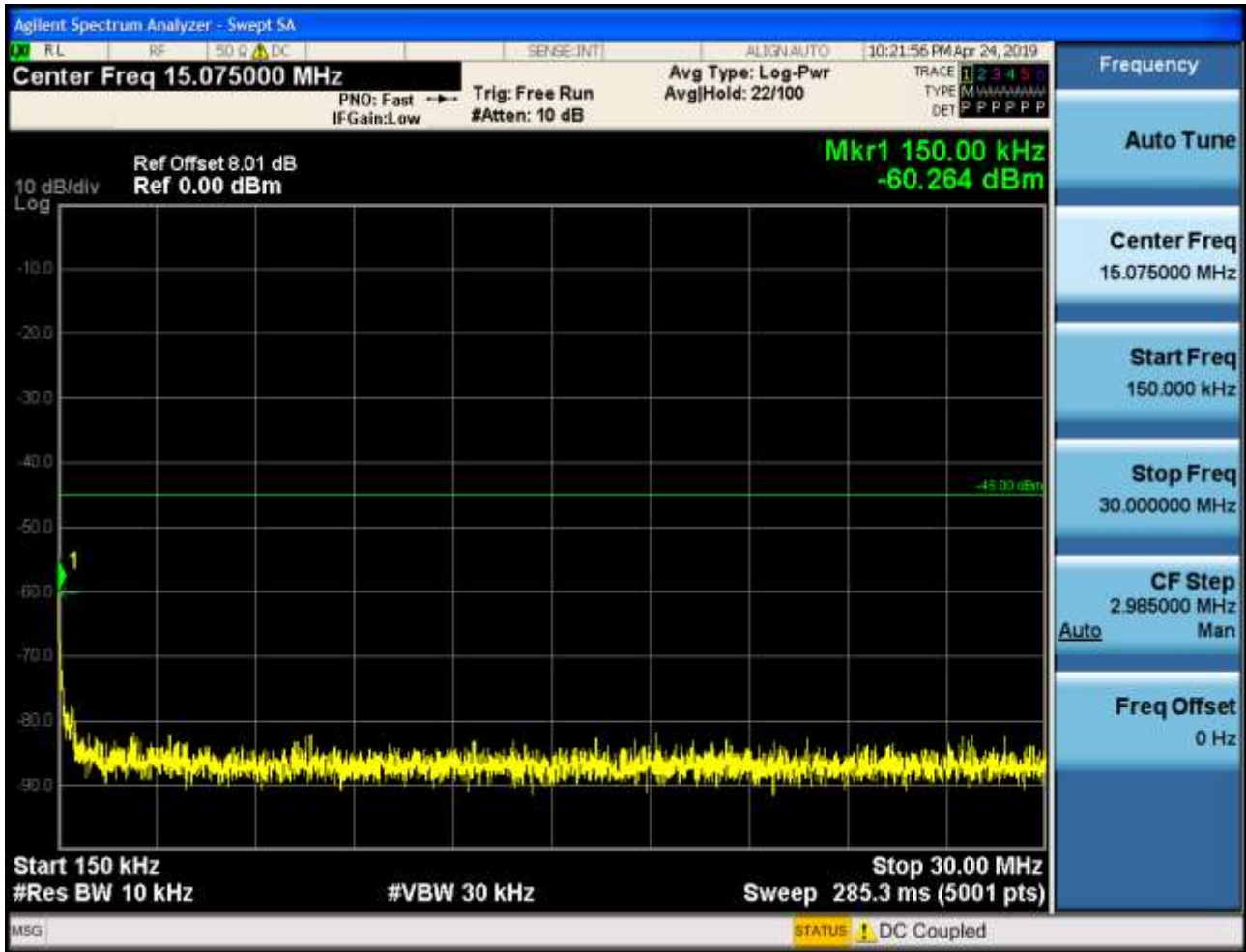


6.2.1.1.3 Test Bandwidth = 15

6.2.1.1.3.1 Test Channel = LCH

6.2.1.1.3.1.1 Test RB = RB1#0



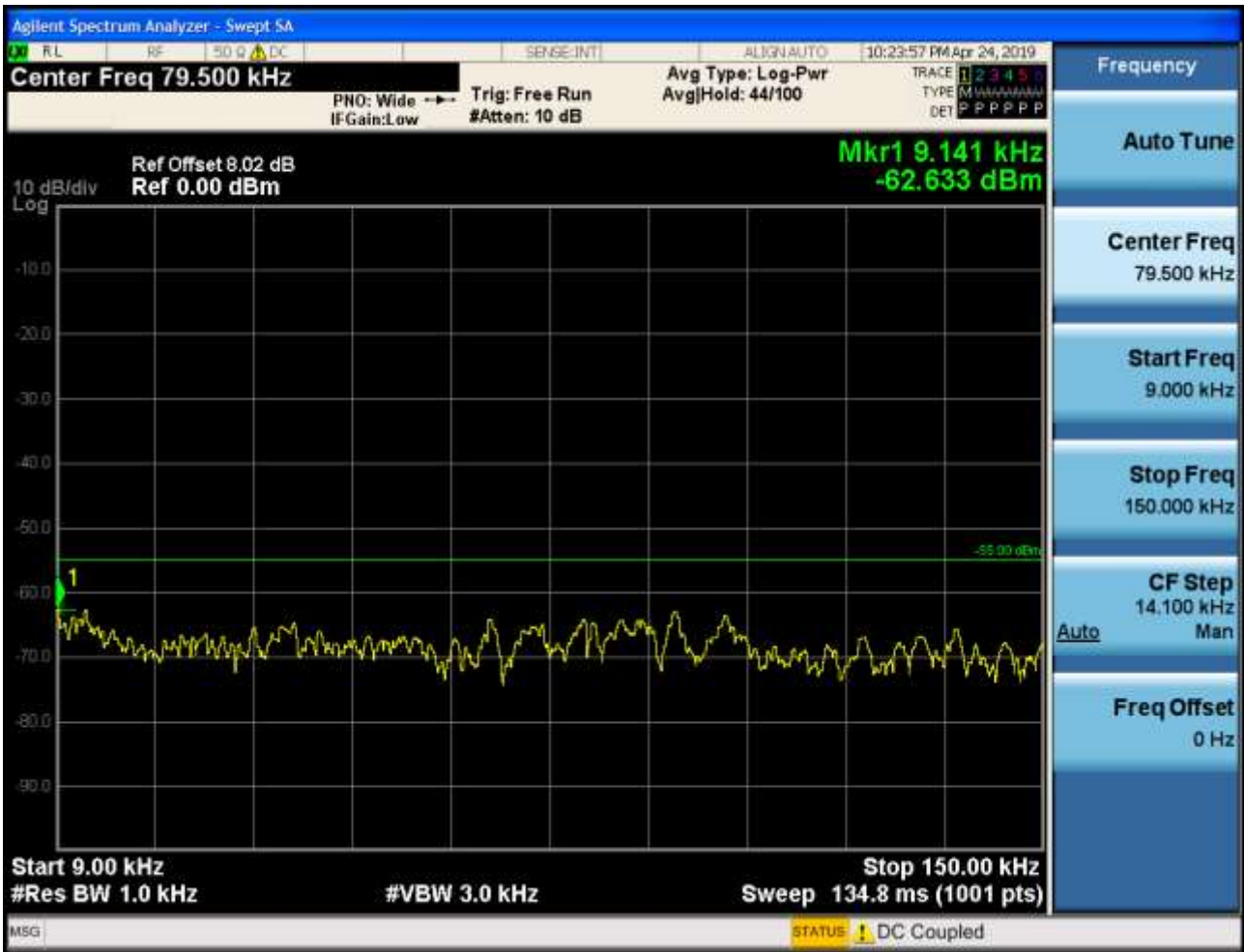


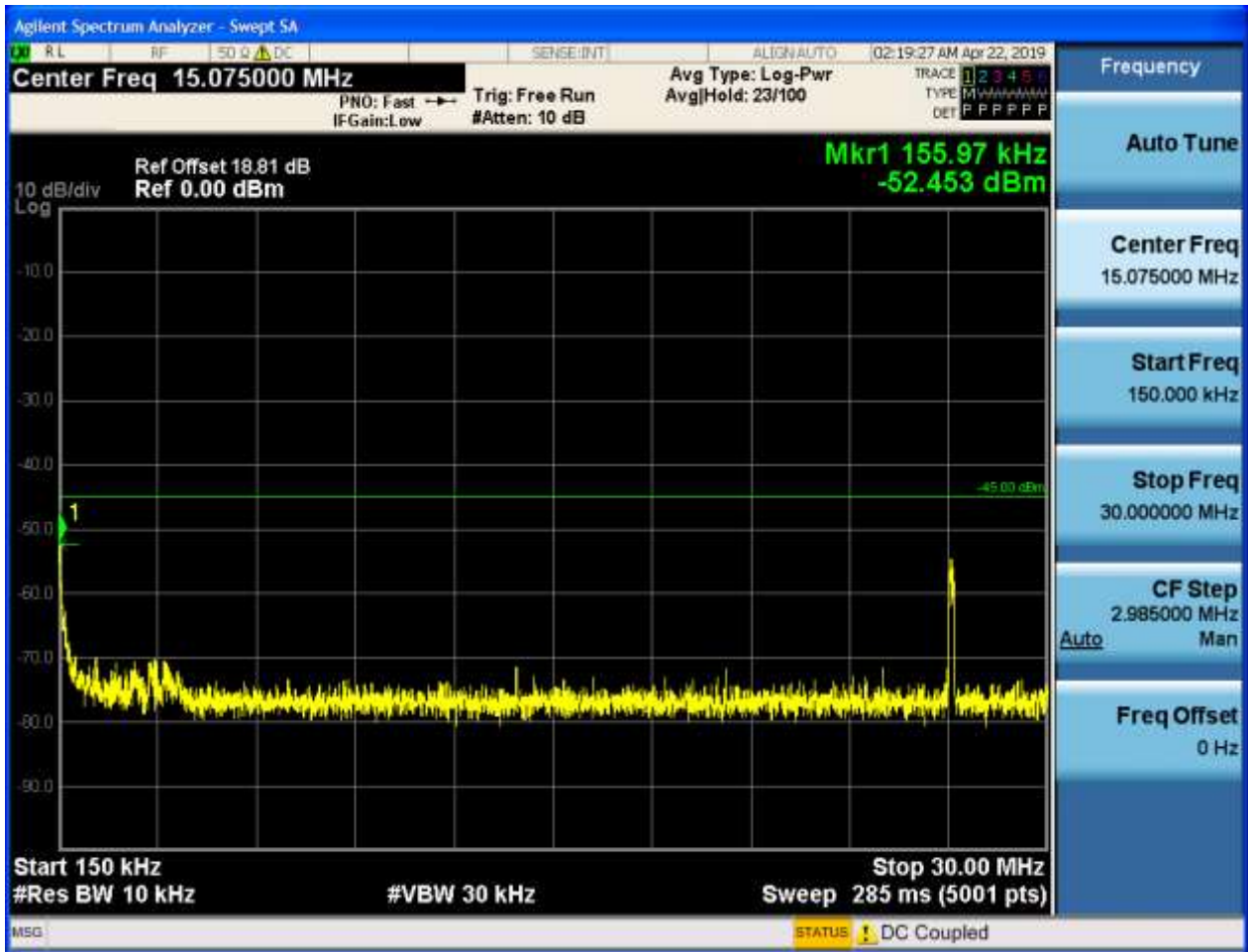




6.2.1.1.3.2 Test Channel = MCH

6.2.1.1.3.2.1 Test RB = RB1#0



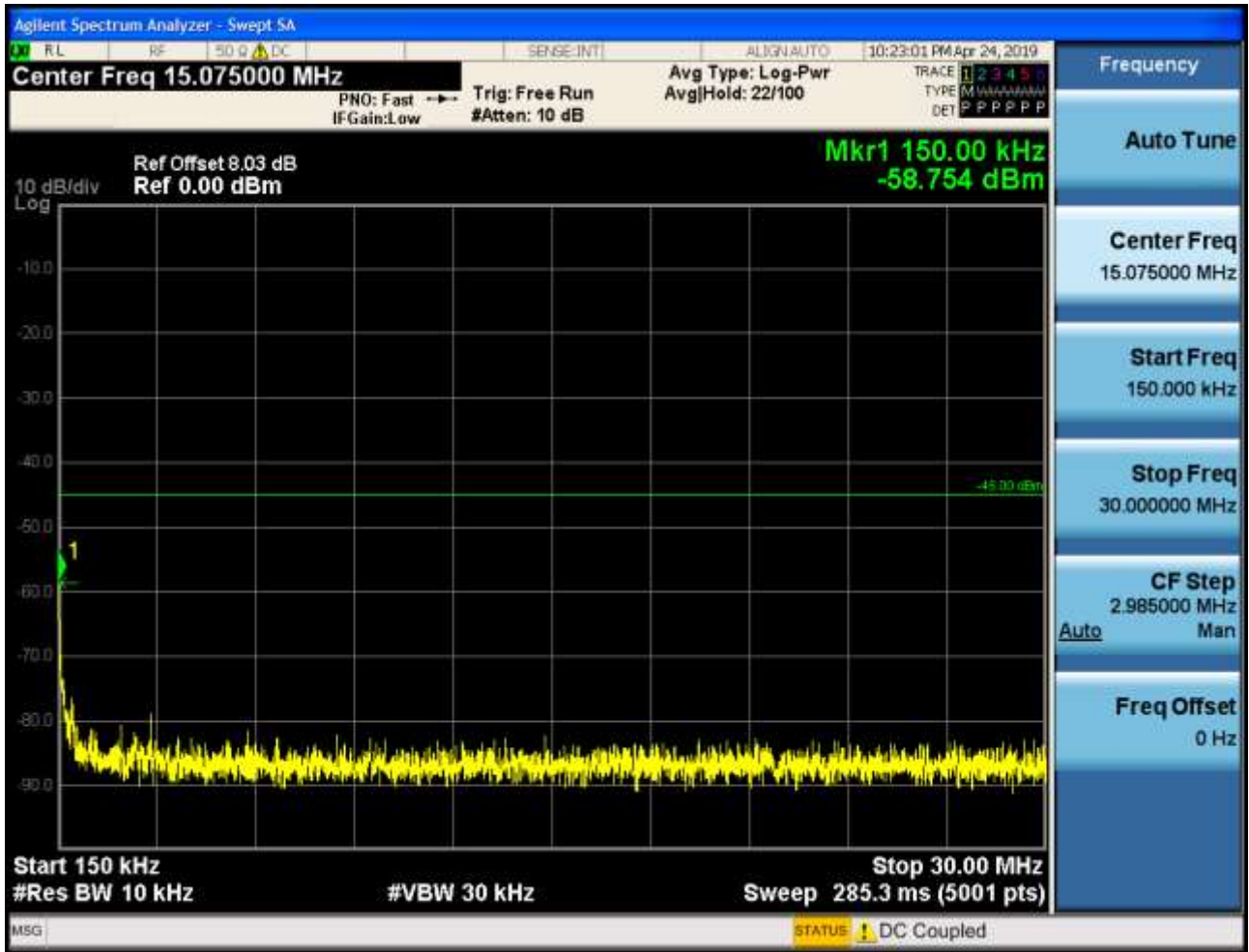




6.2.1.1.3.3 Test Channel = HCH

6.2.1.1.3.3.1 Test RB = RB1#0





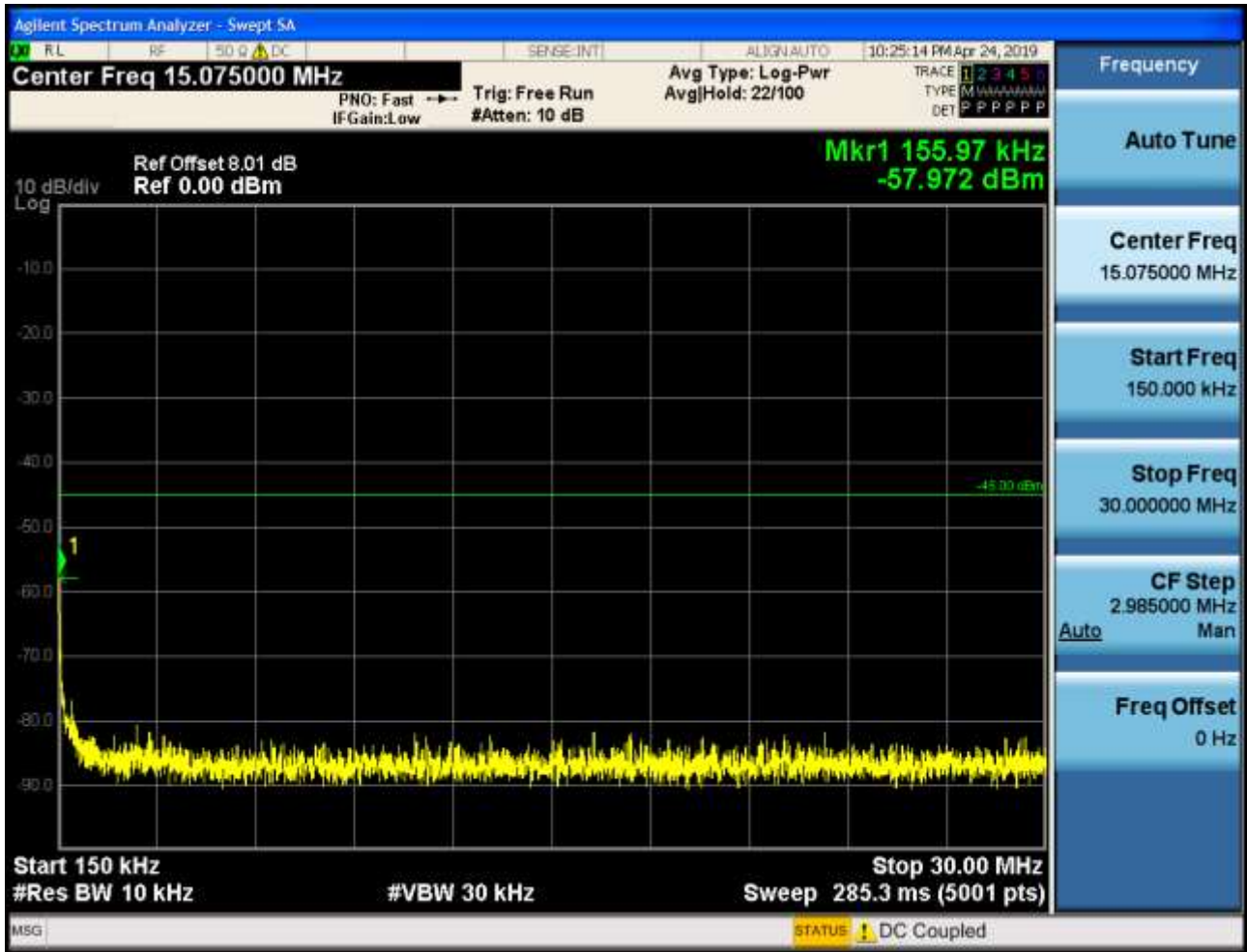


6.2.1.1.4 Test Bandwidth = 20

6.2.1.1.4.1 Test Channel = LCH

6.2.1.1.4.1.1 Test RB = RB1#0





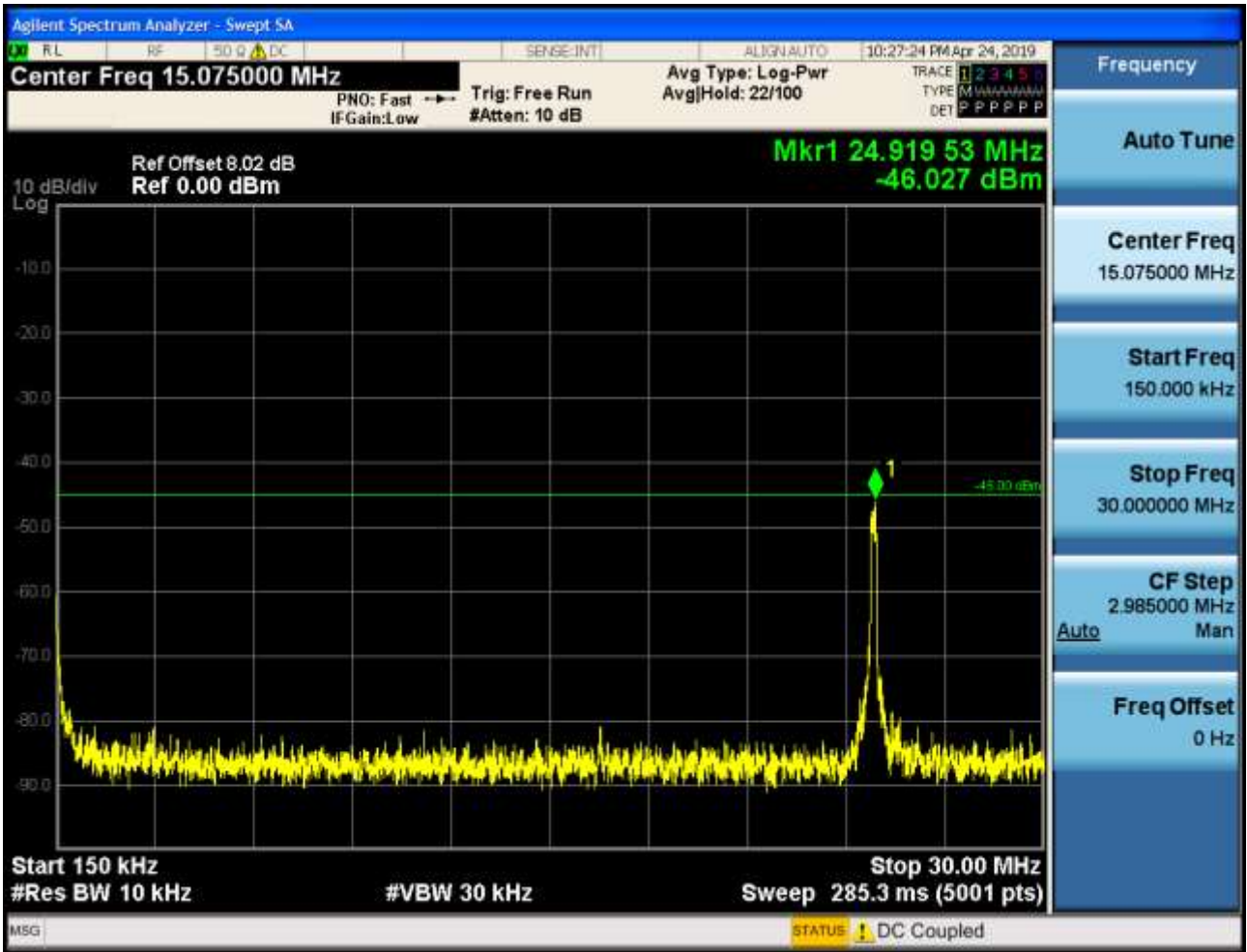




6.2.1.1.4.2 Test Channel = MCH

6.2.1.1.4.2.1 Test RB = RB1#0



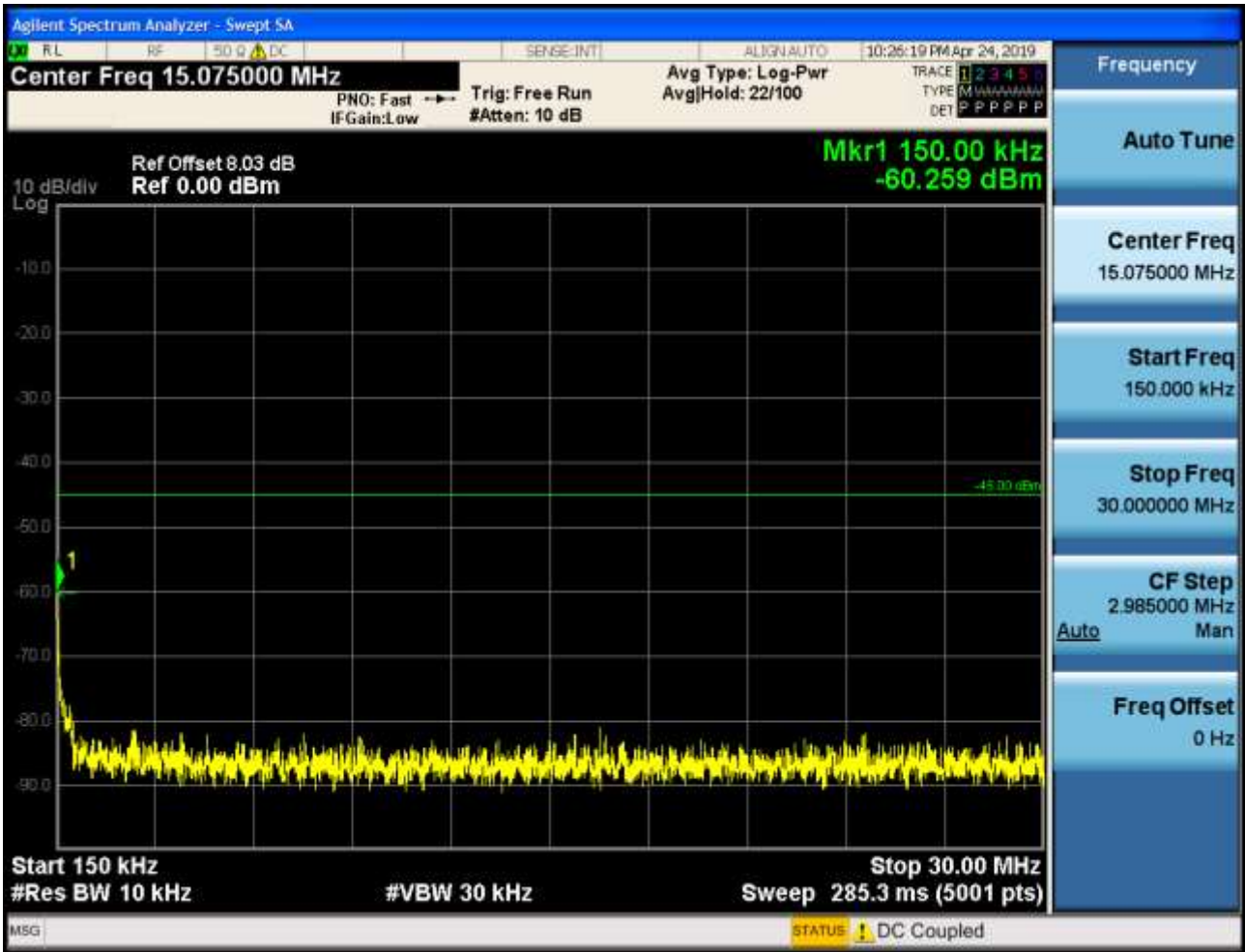




6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0









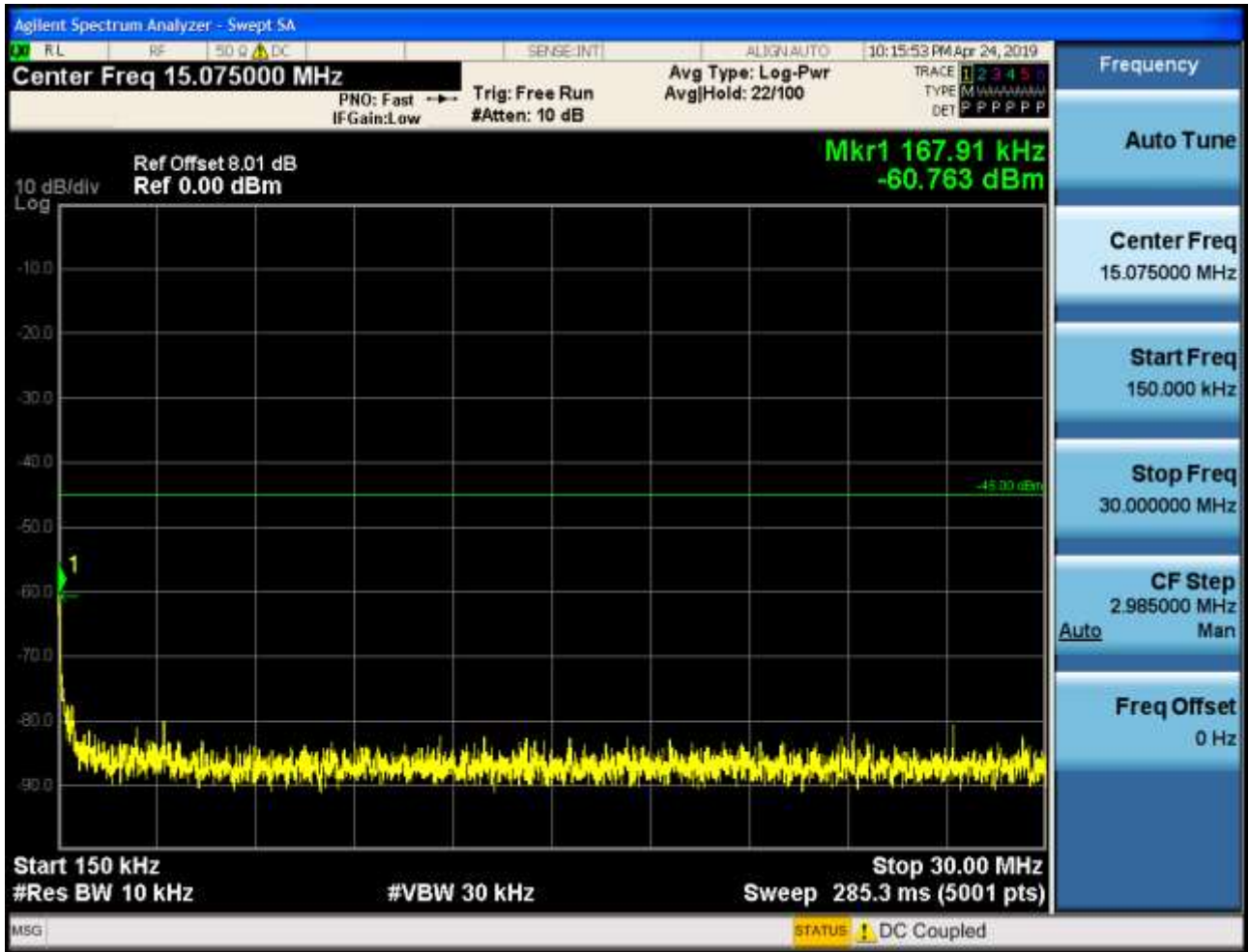
6.2.1.2 Test Mode = LTE/TM2

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

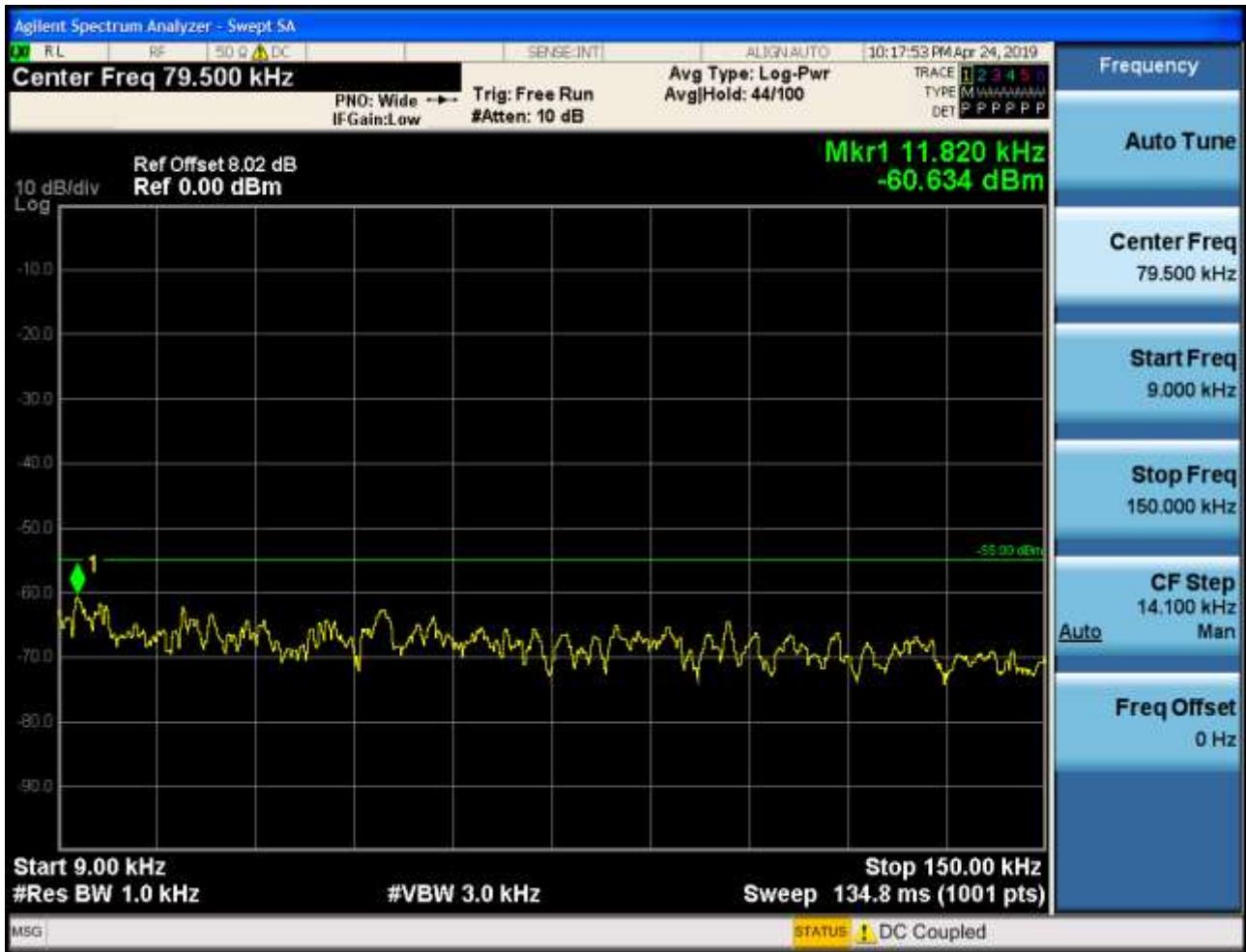


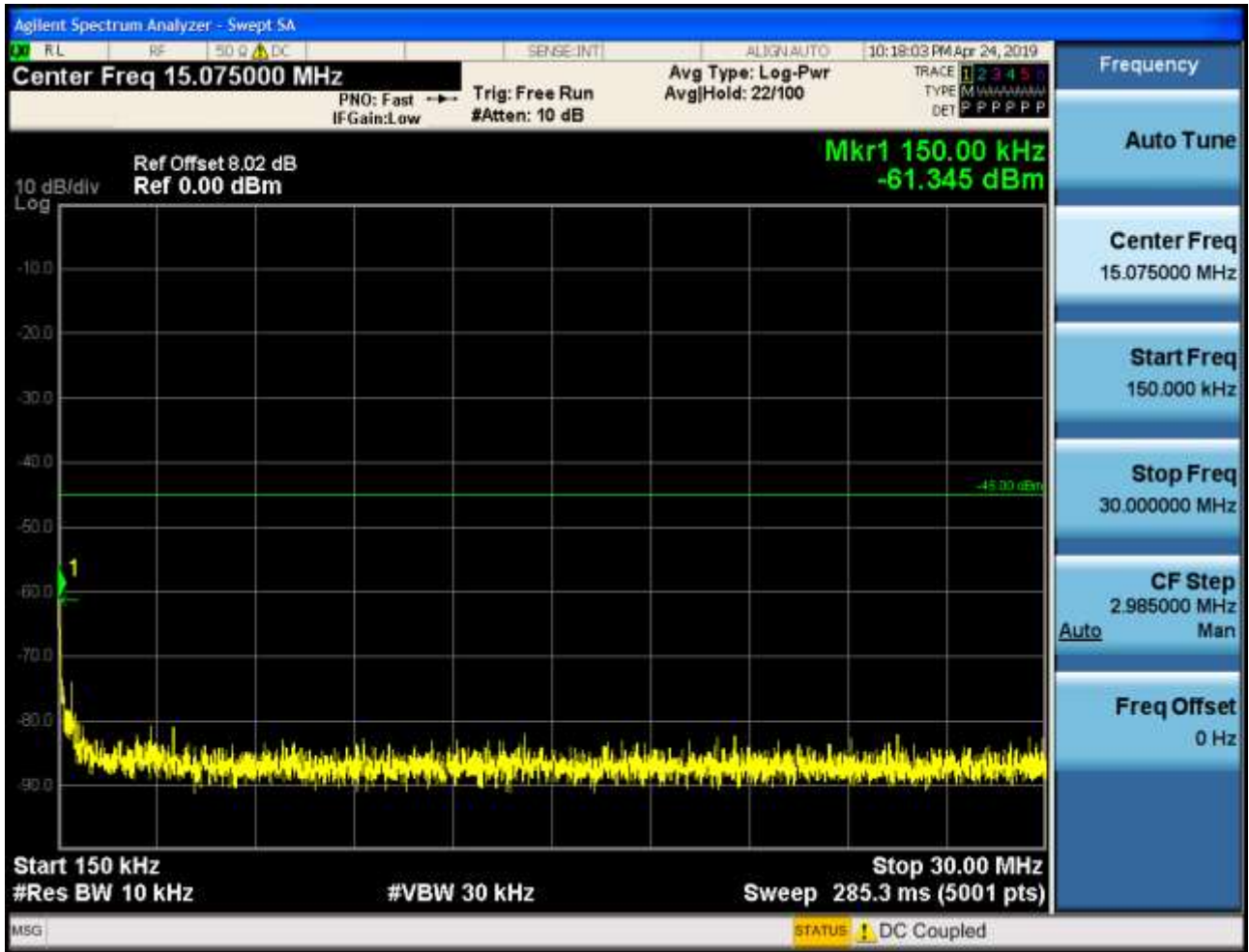




6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0





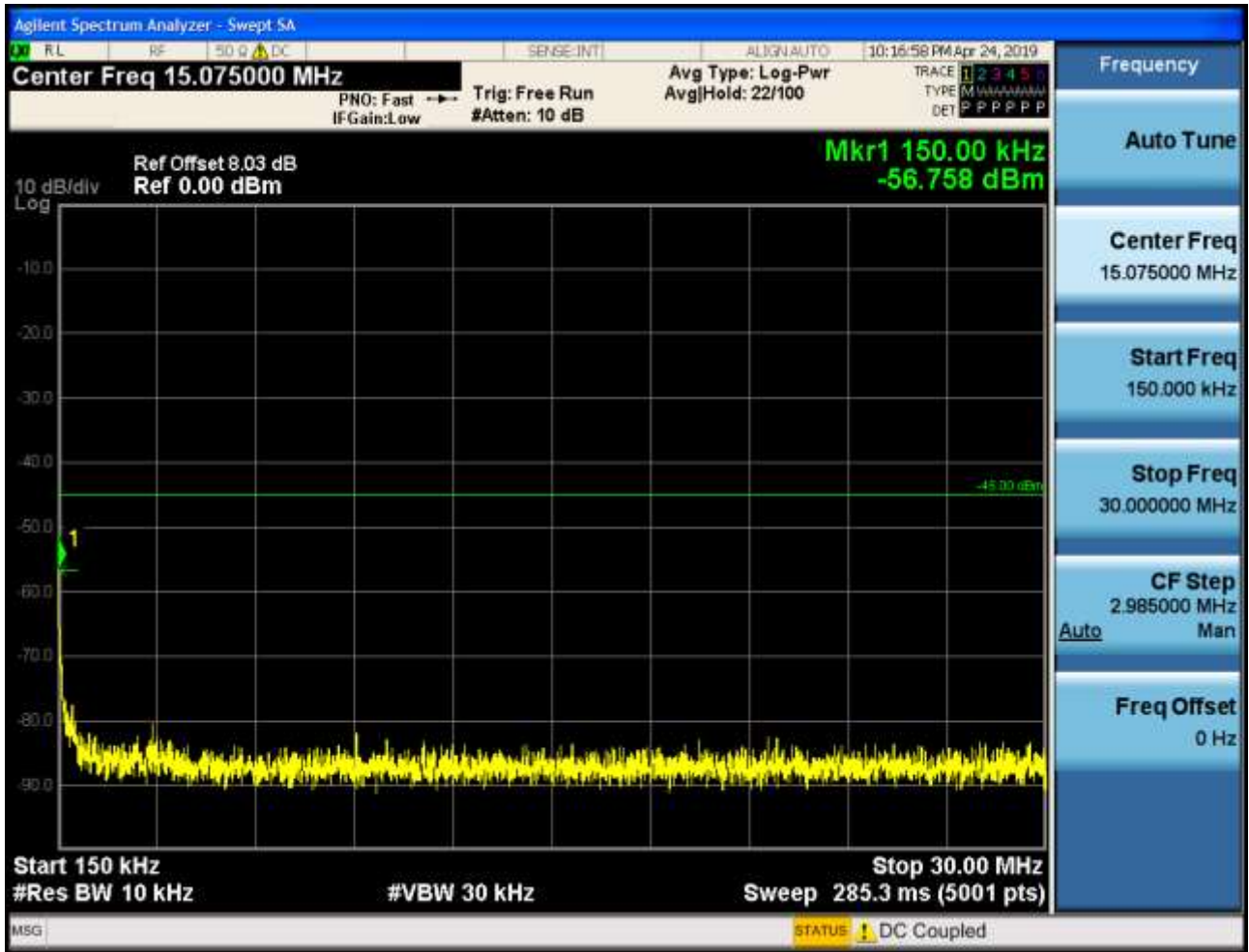




6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0





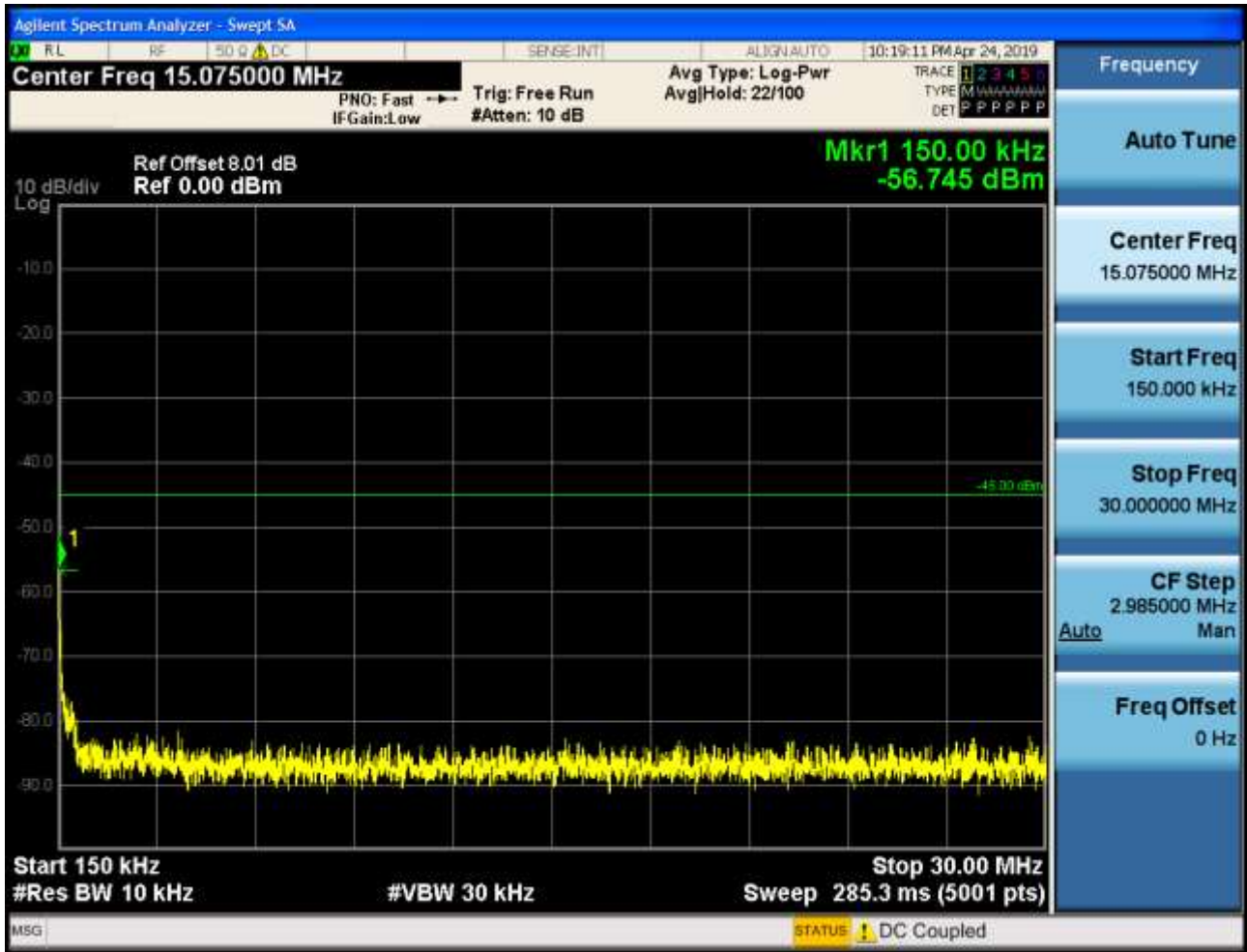


6.2.1.2.2 Test Bandwidth = 10

6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0



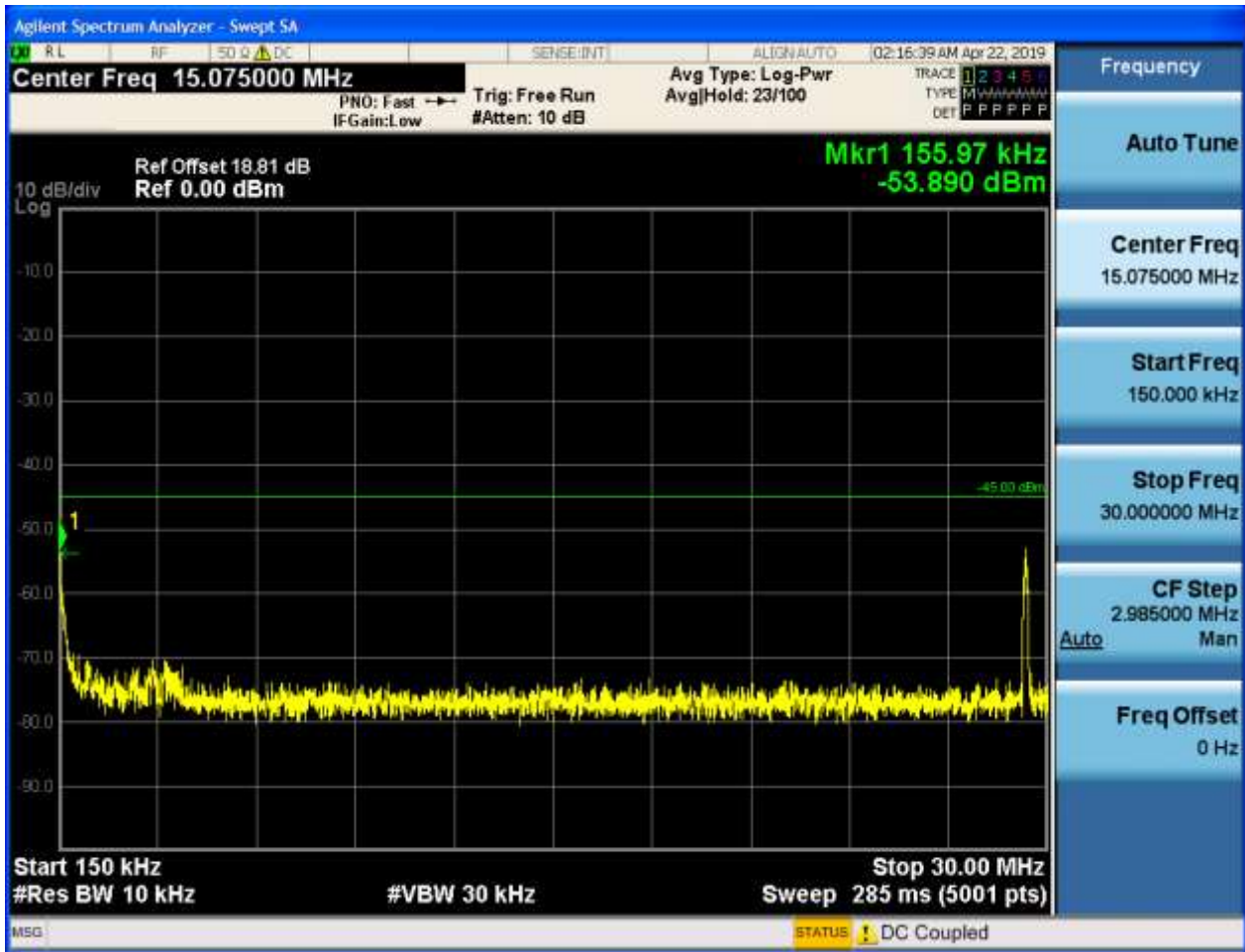




6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.2.1 Test RB = RB1#0



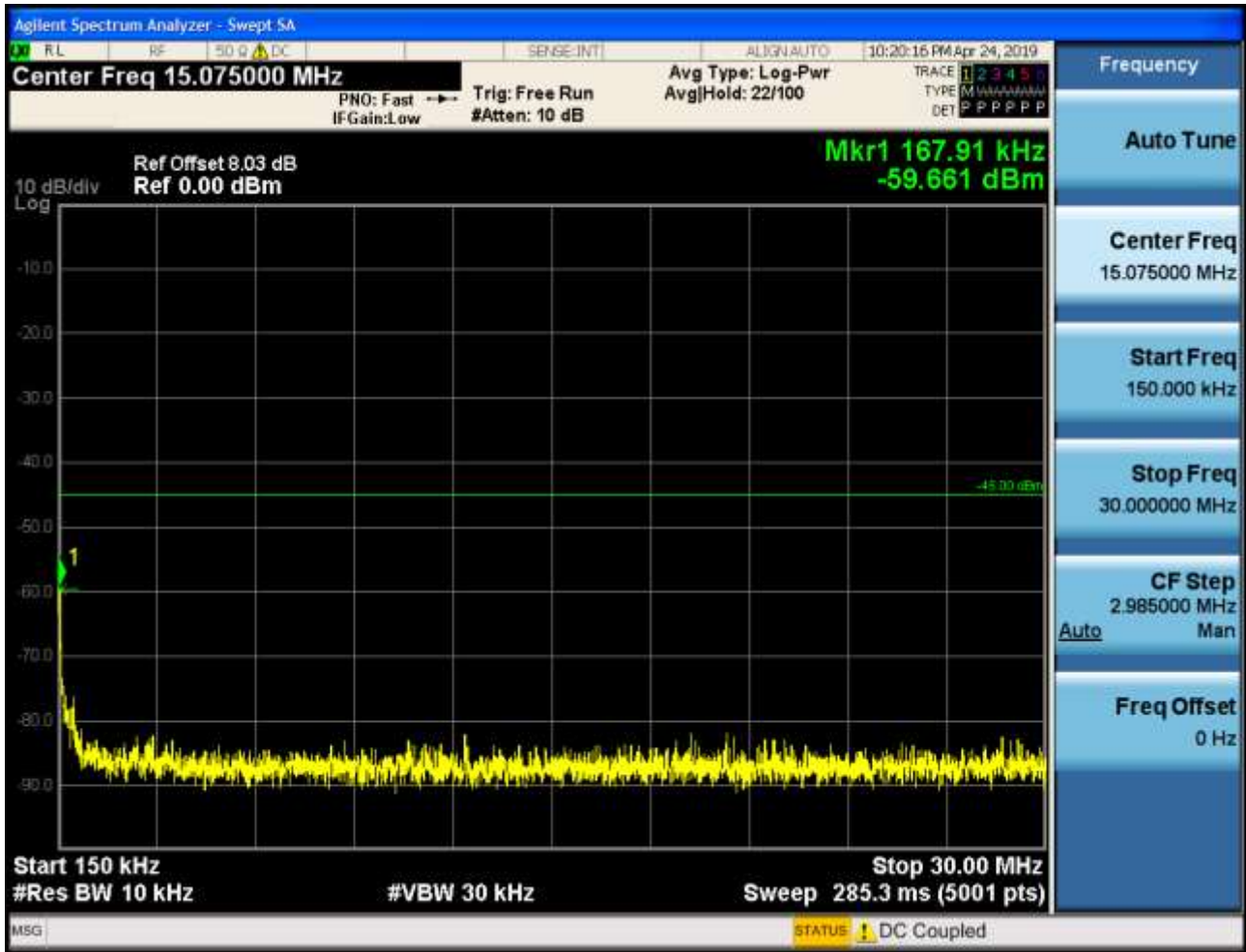




6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0





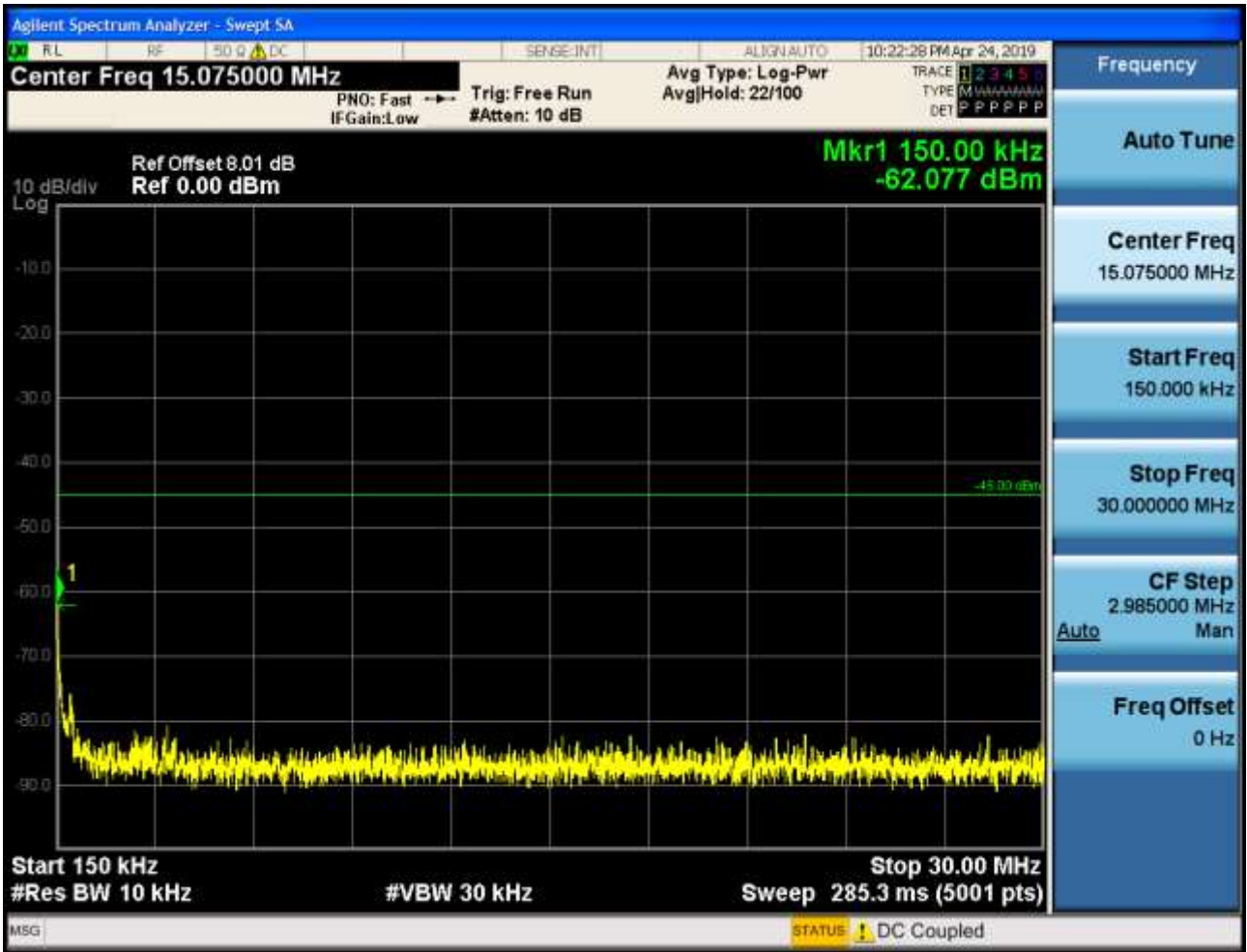


6.2.1.2.3 Test Bandwidth = 15

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0

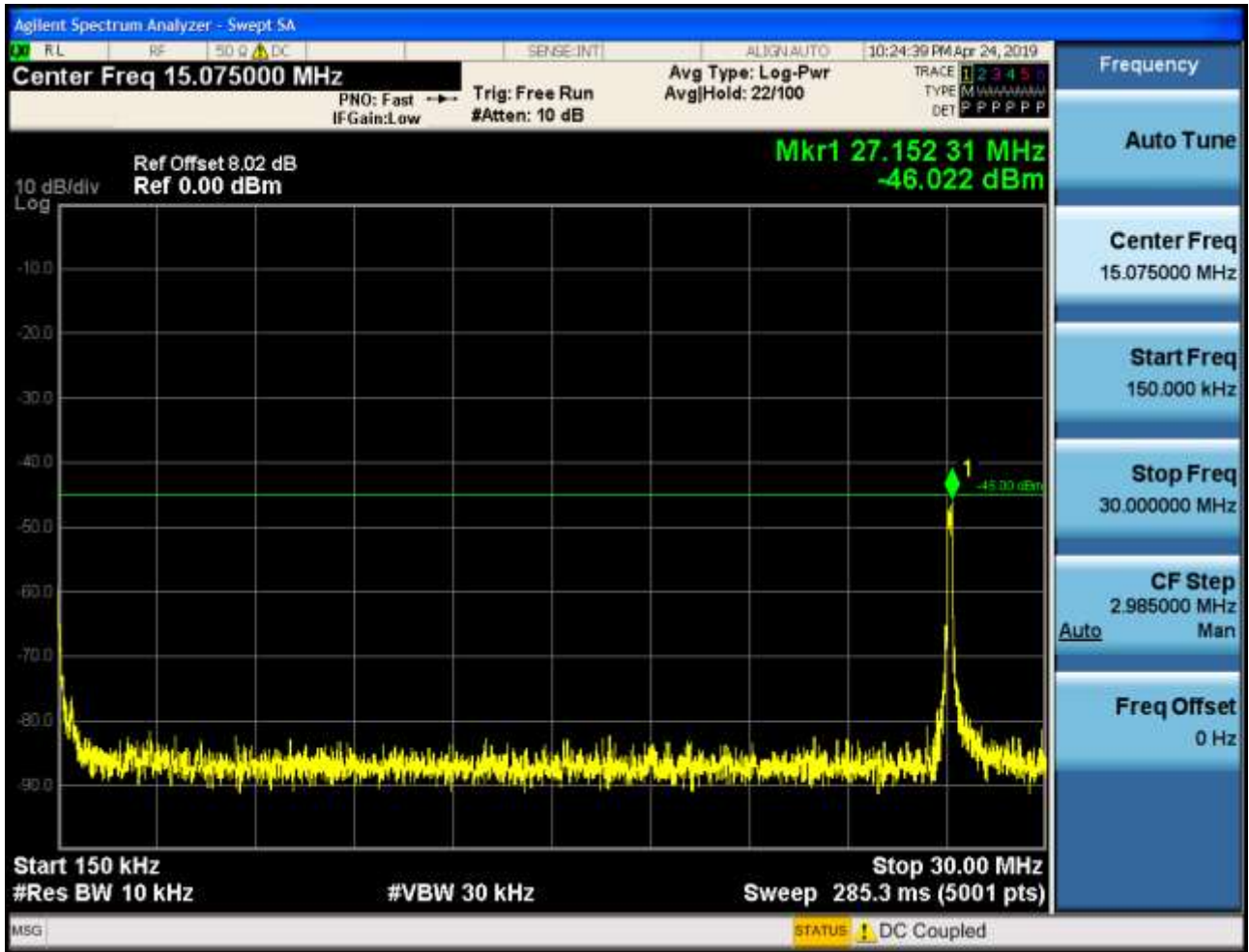




6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0

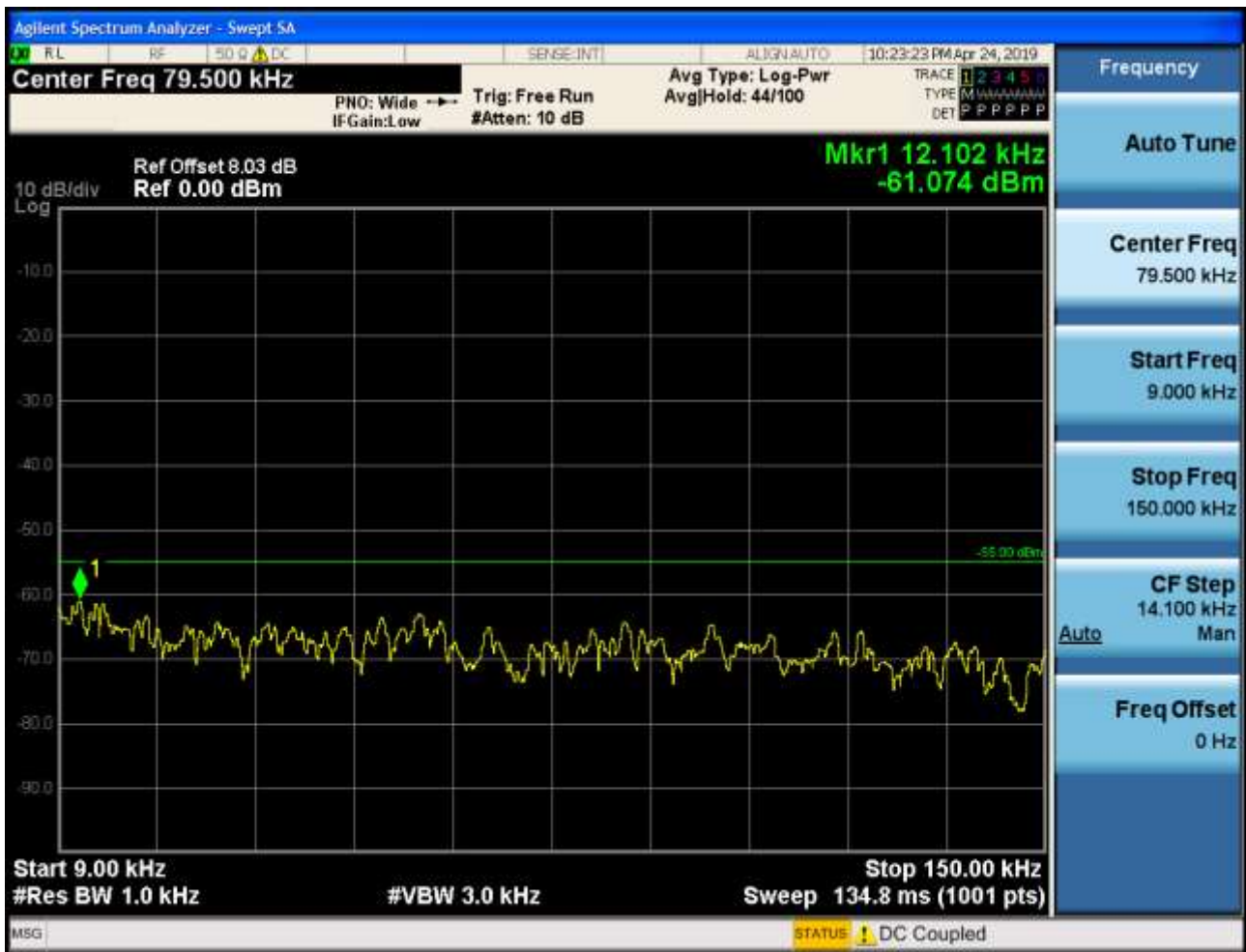


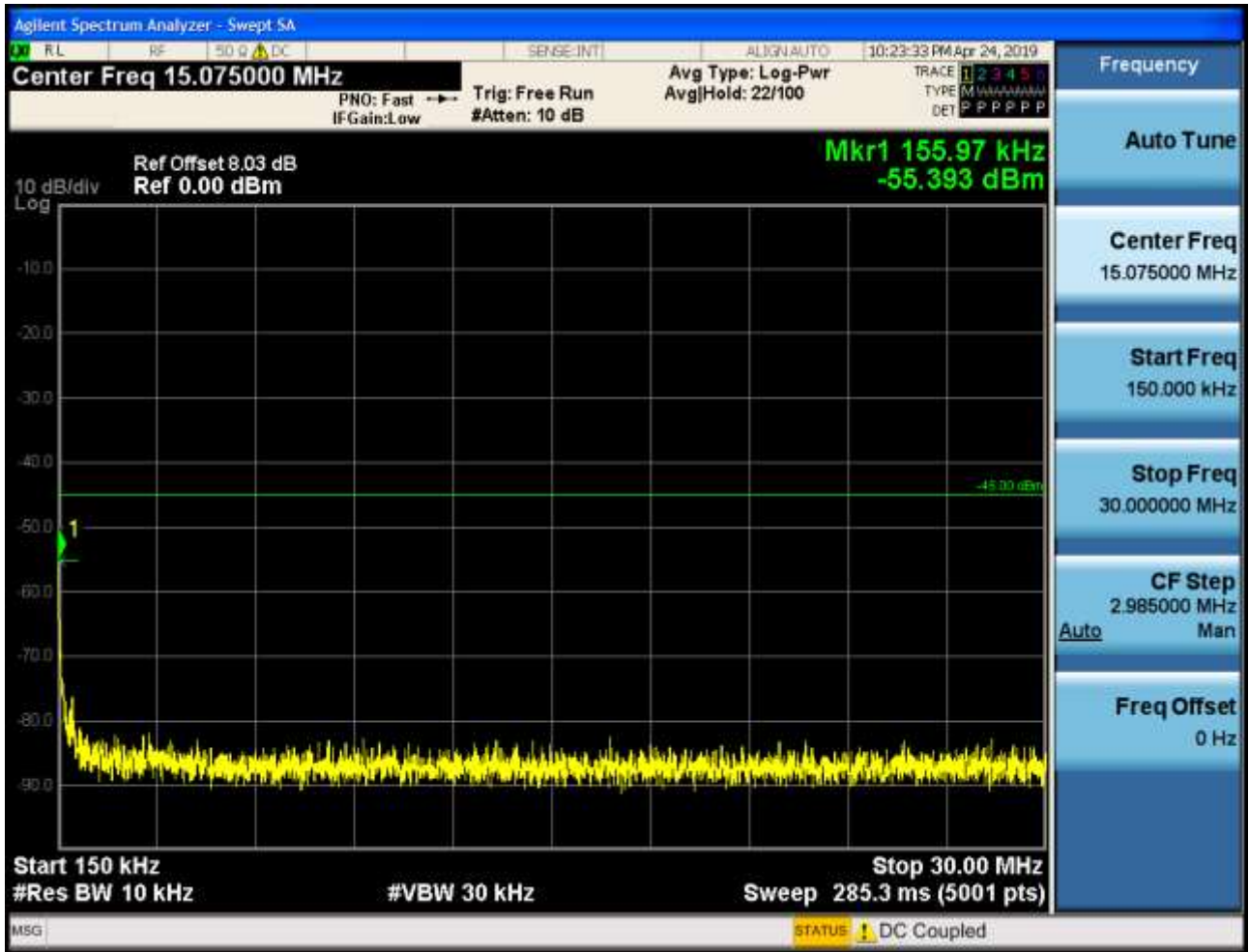




6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0



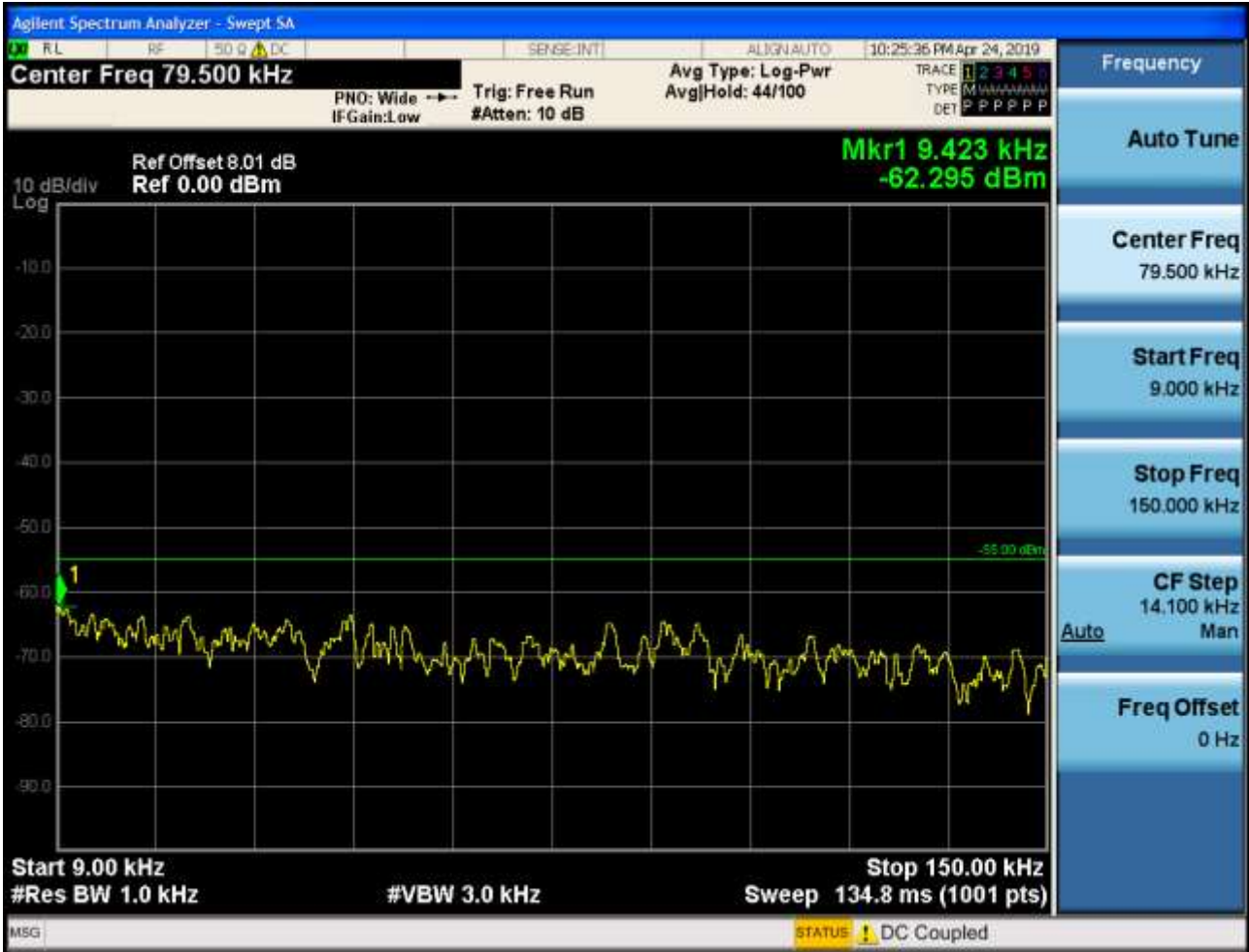


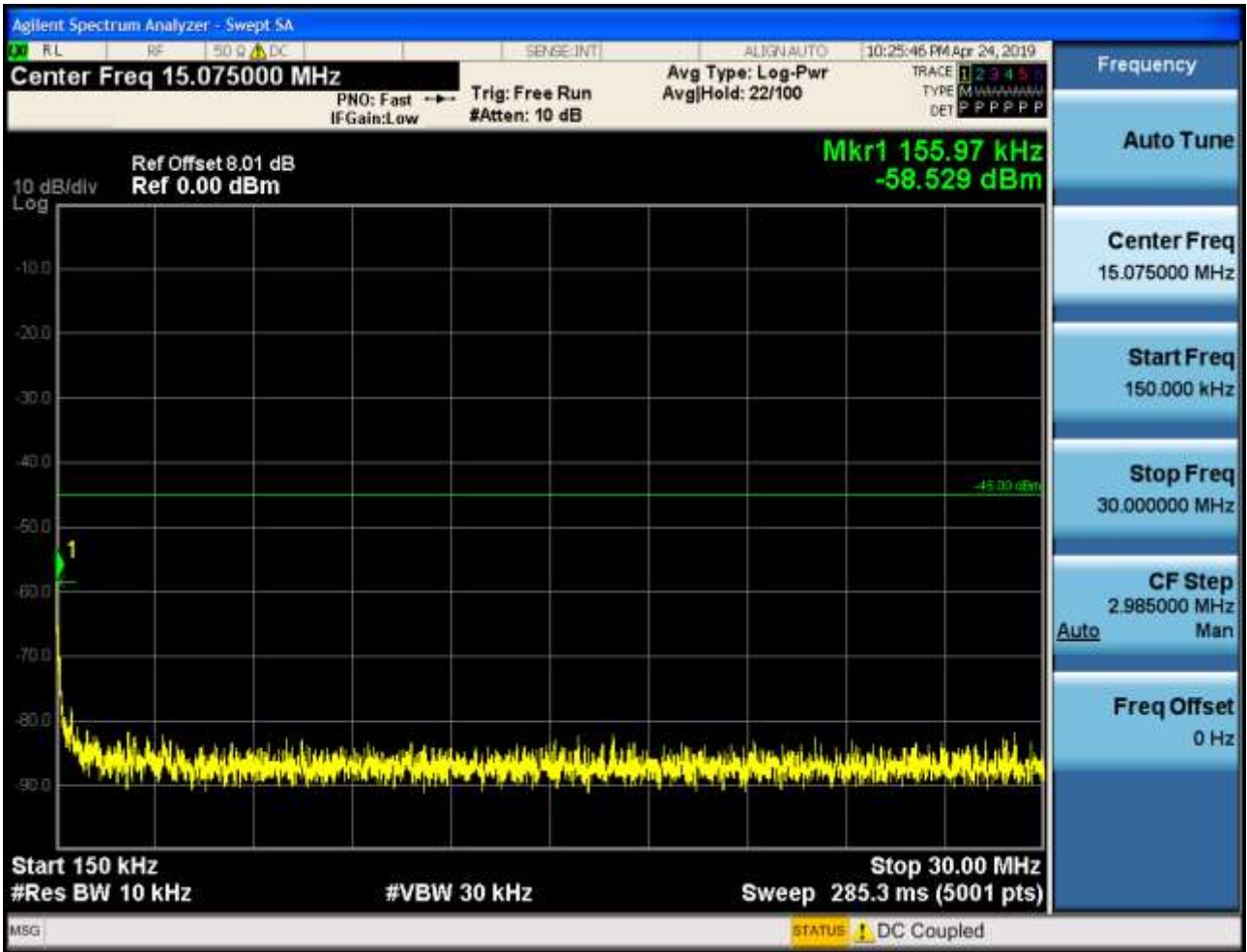


6.2.1.2.4 Test Bandwidth = 20

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0



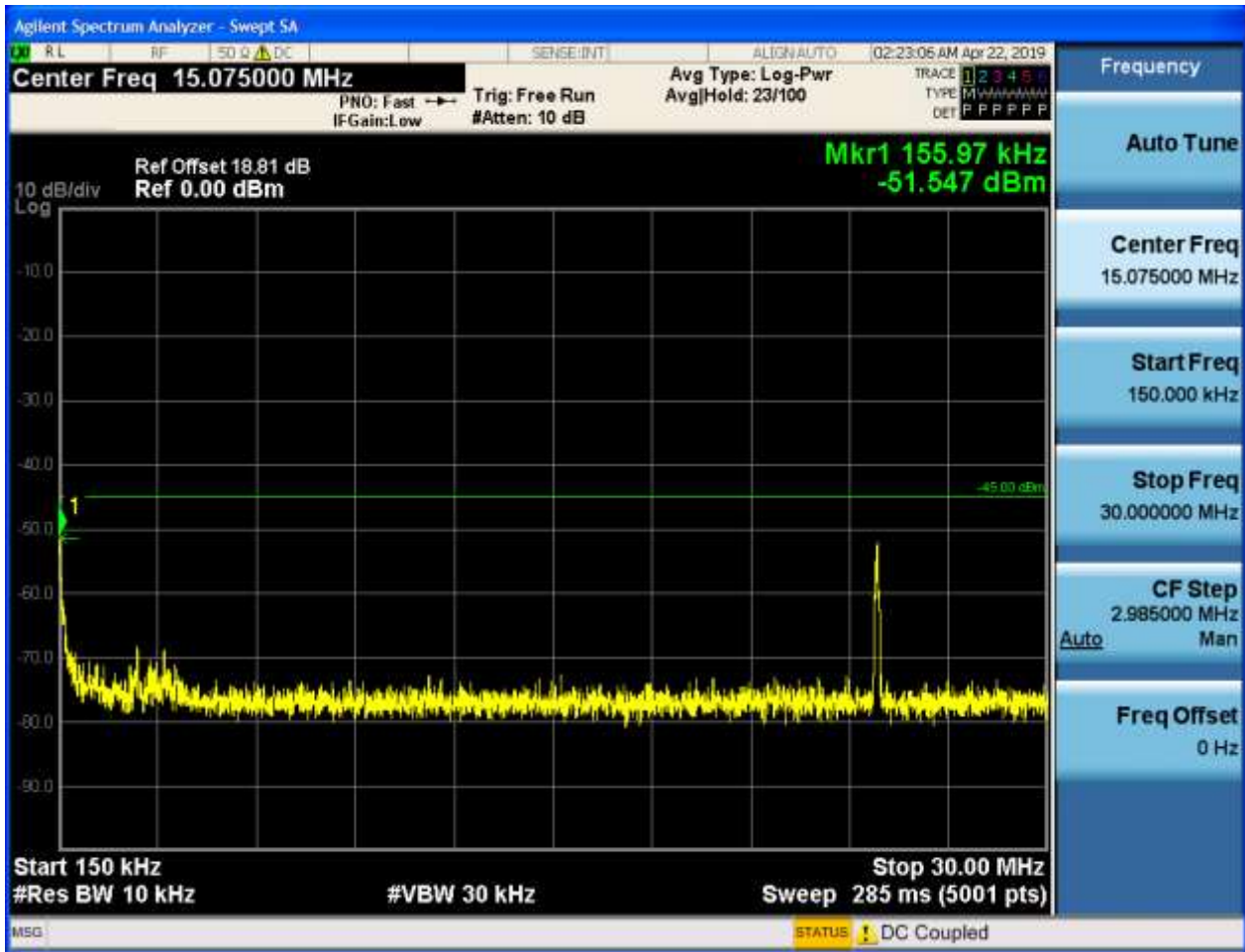




6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0



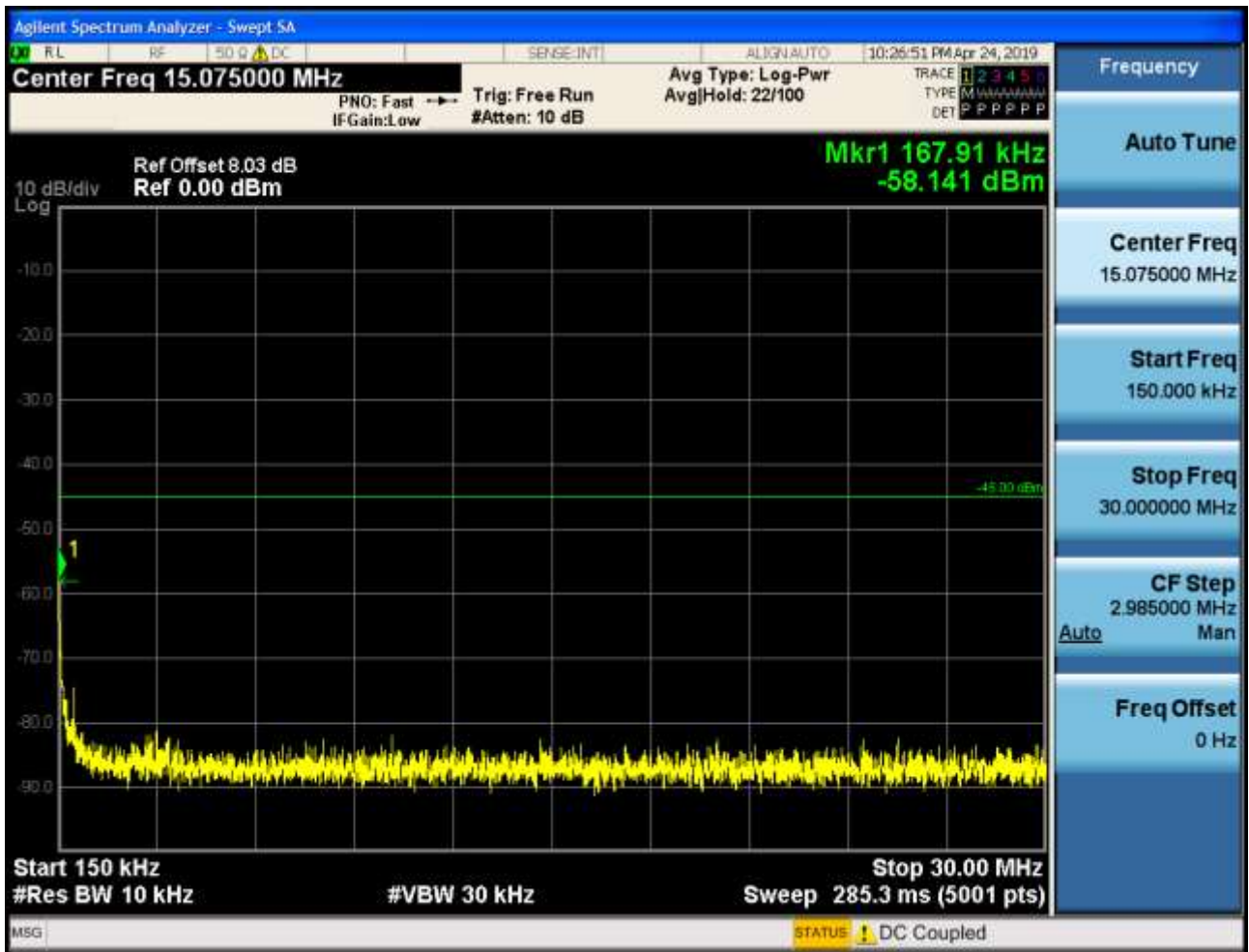




6.2.1.2.4.3 Test Channel = HCH

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

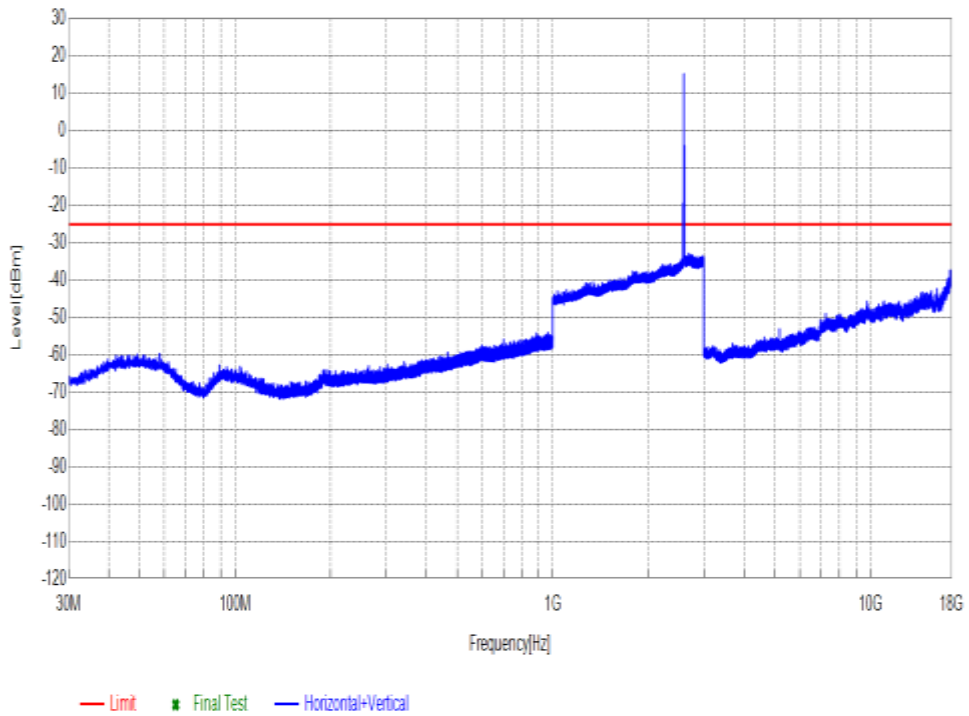
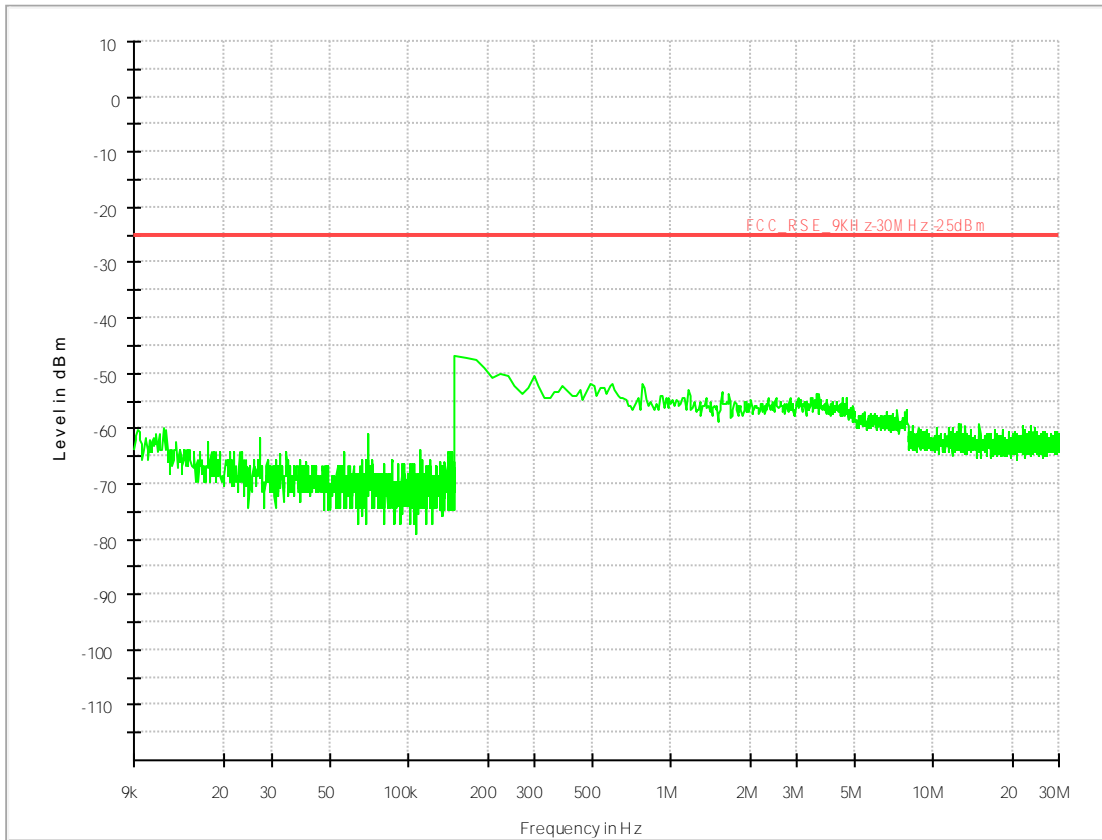
Part I - Test Plots

7.1 For LTE

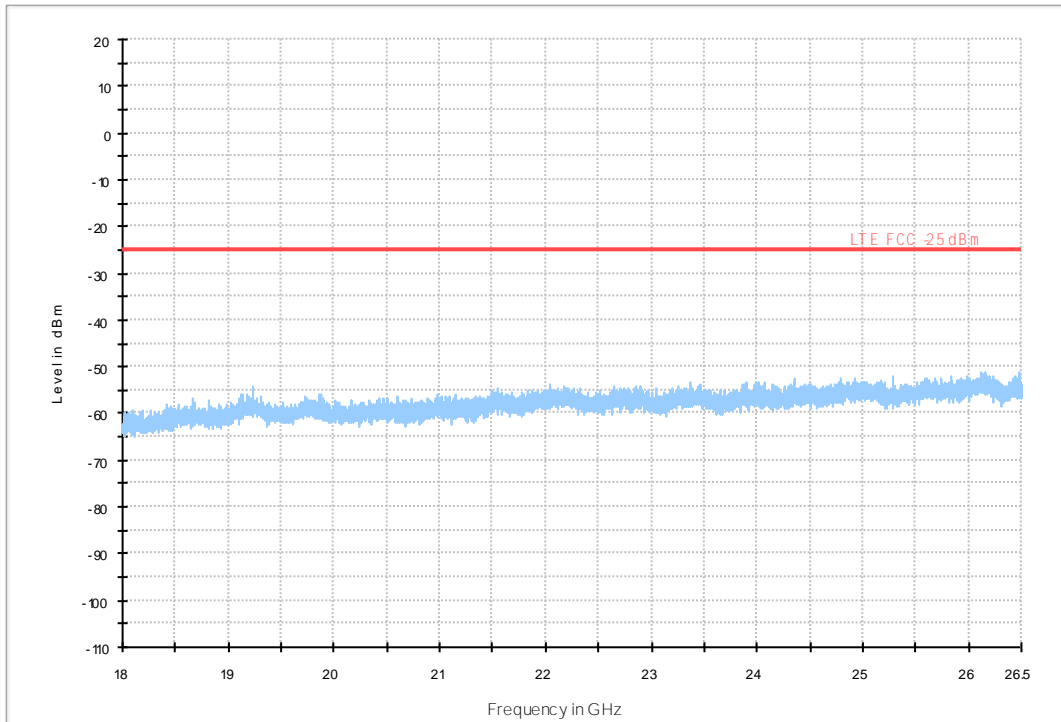
7.1.1 Test Band = Band41(2535-2655MHz)

7.1.1.1 Test Bandwidth = 5

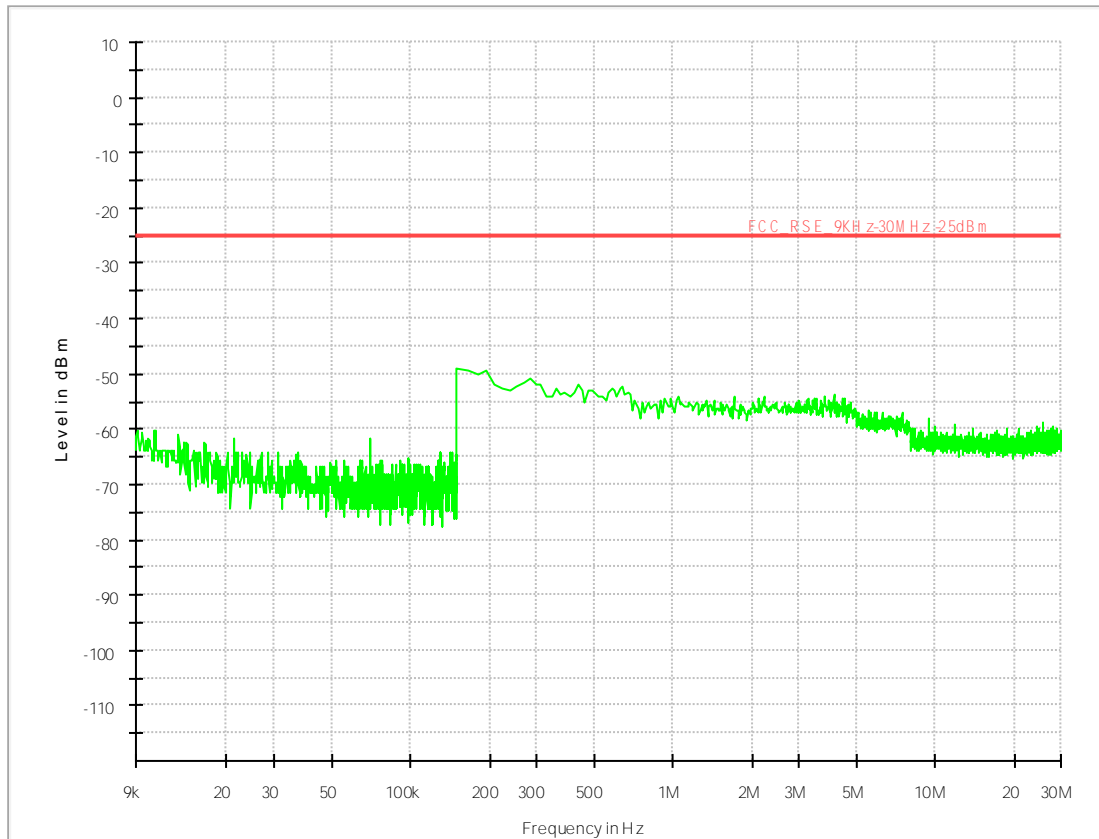
Band41/TM1_Ant1

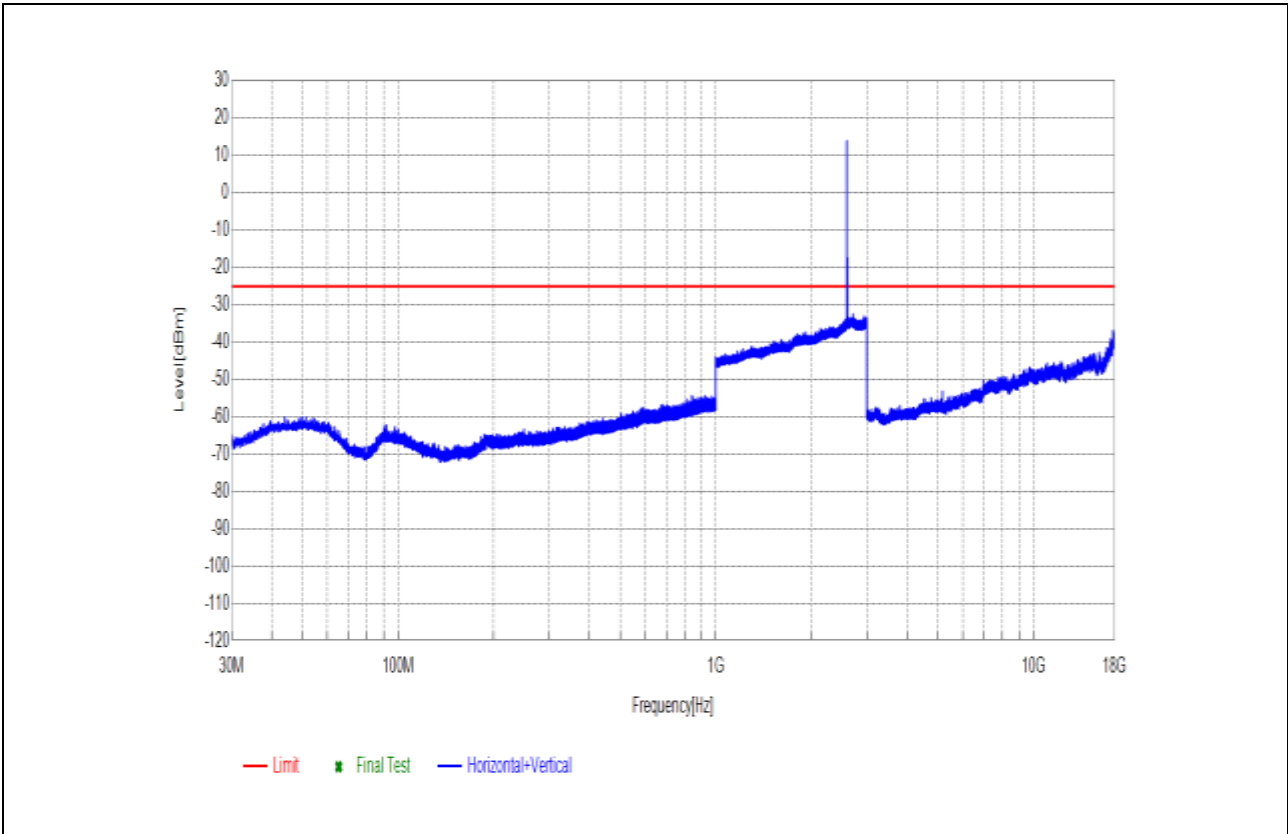


Copy of FCC18-265G

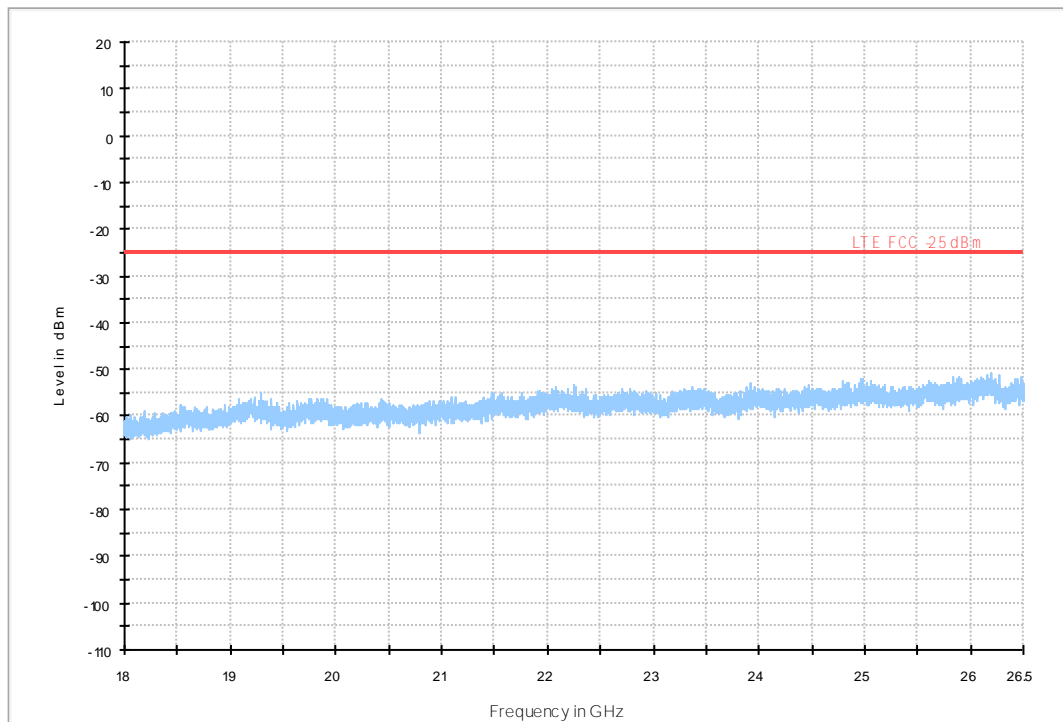


Band41/TM1_Ant2

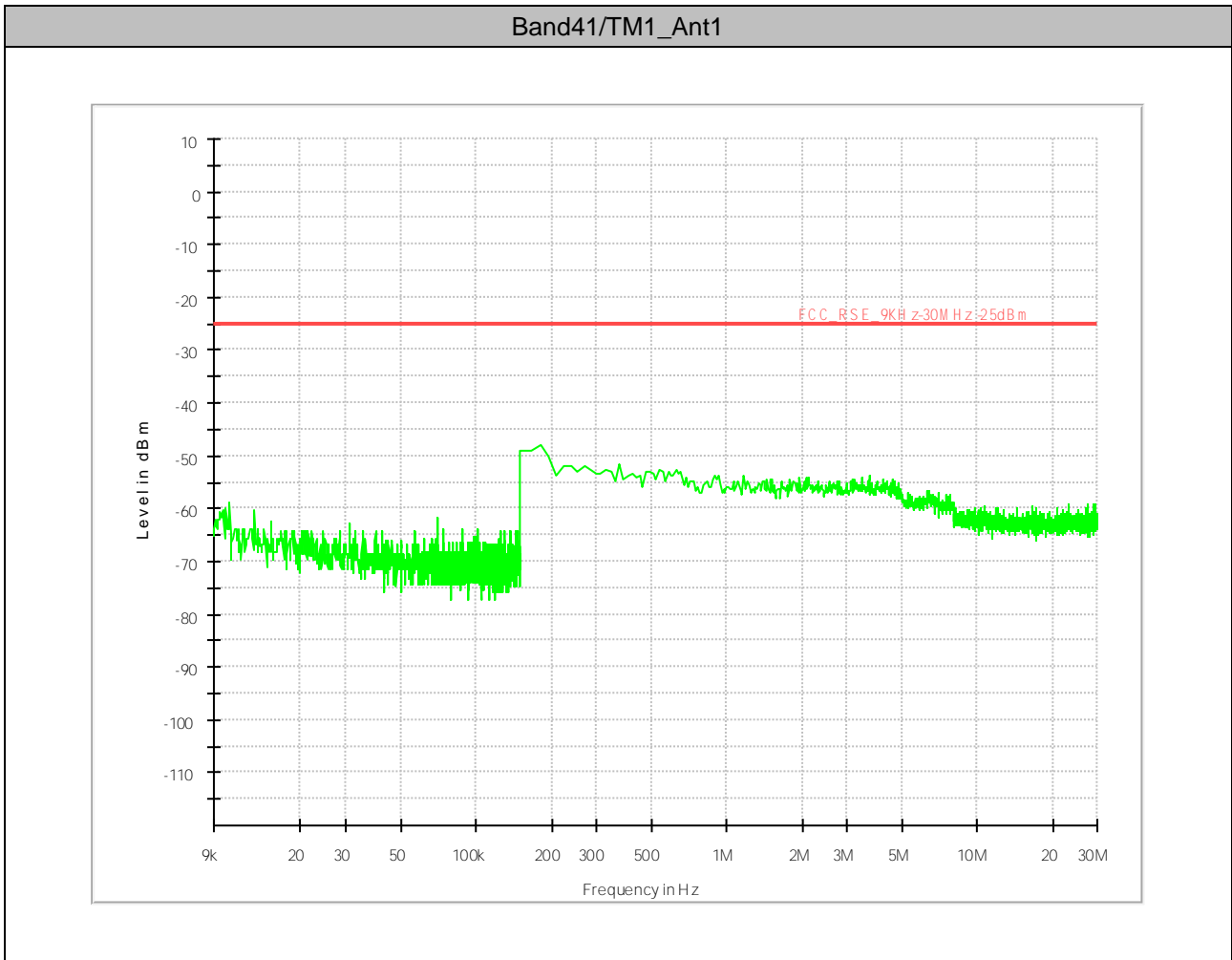


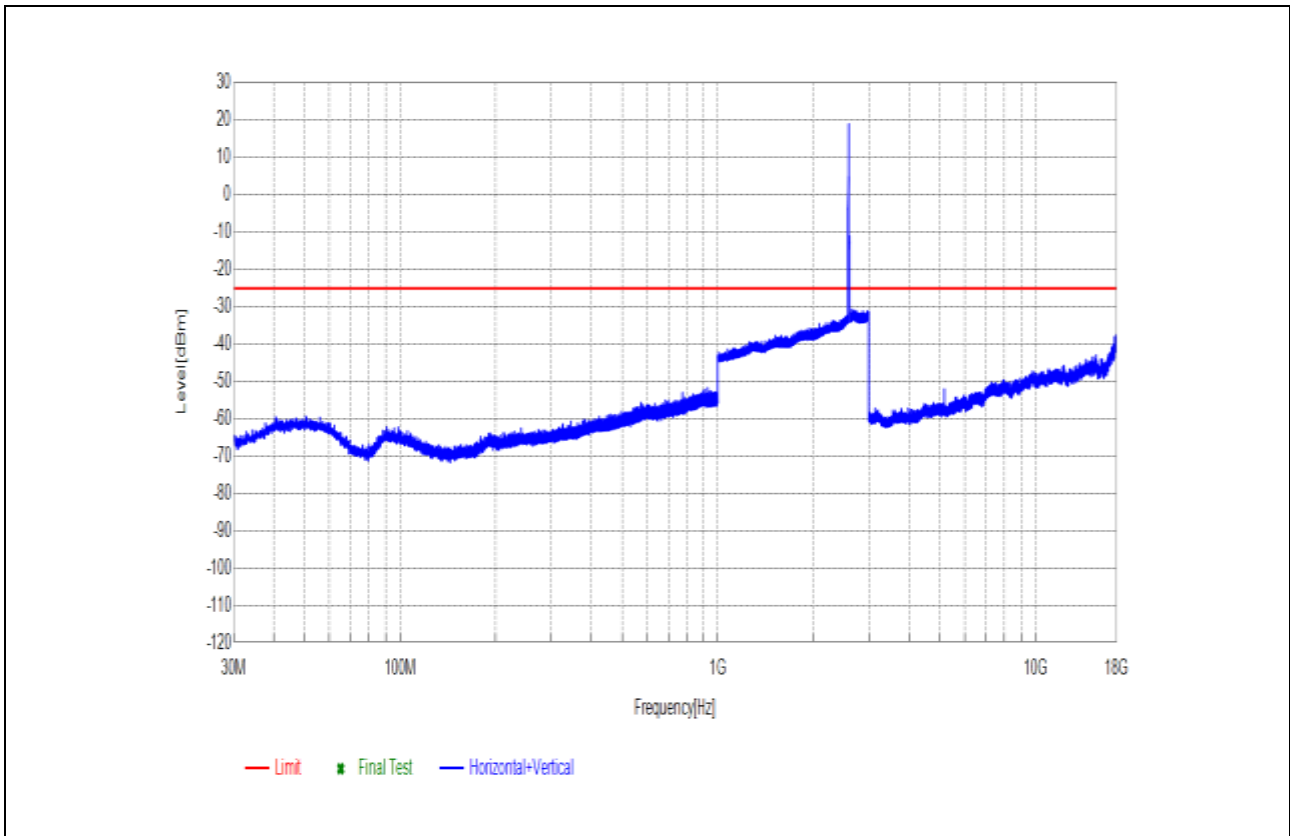


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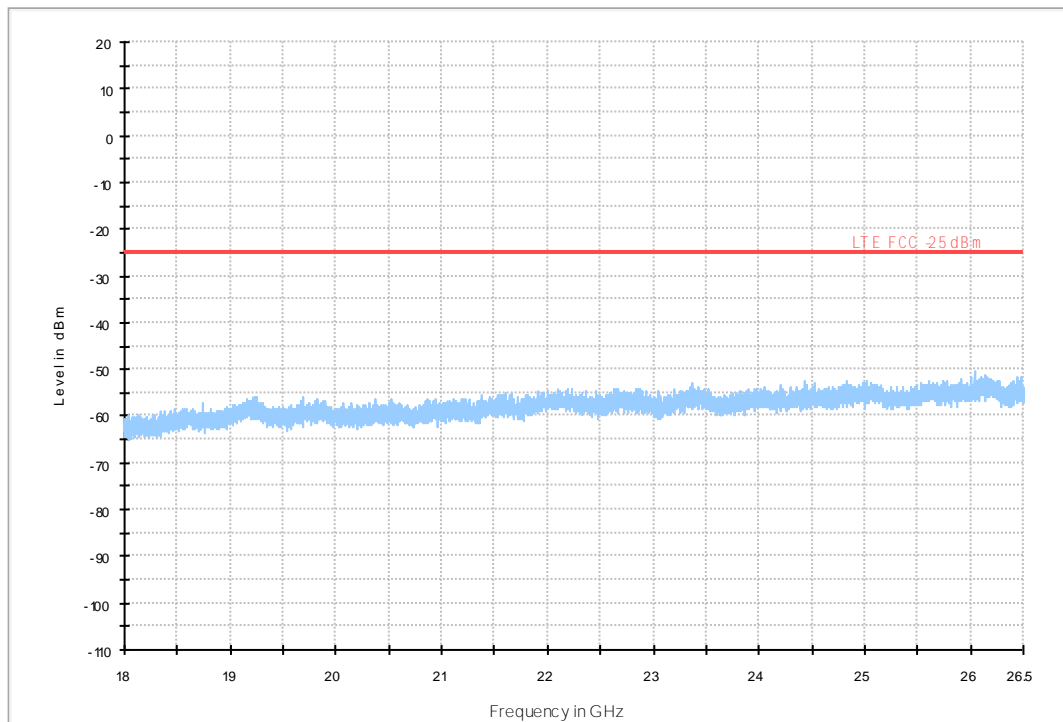


7.1.1.2 Test Bandwidth = 20

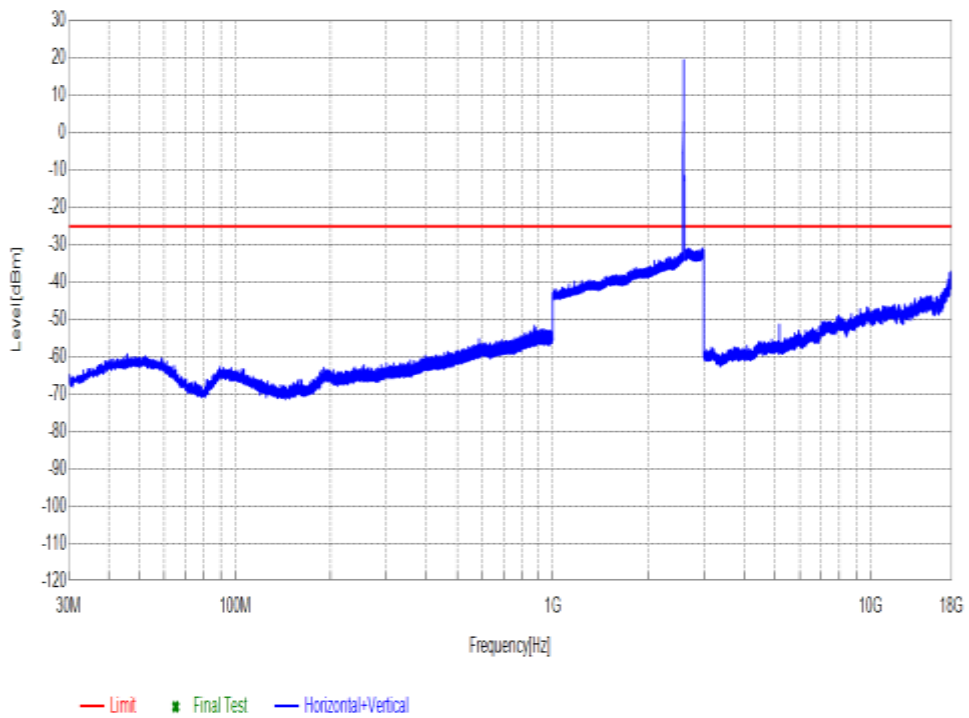
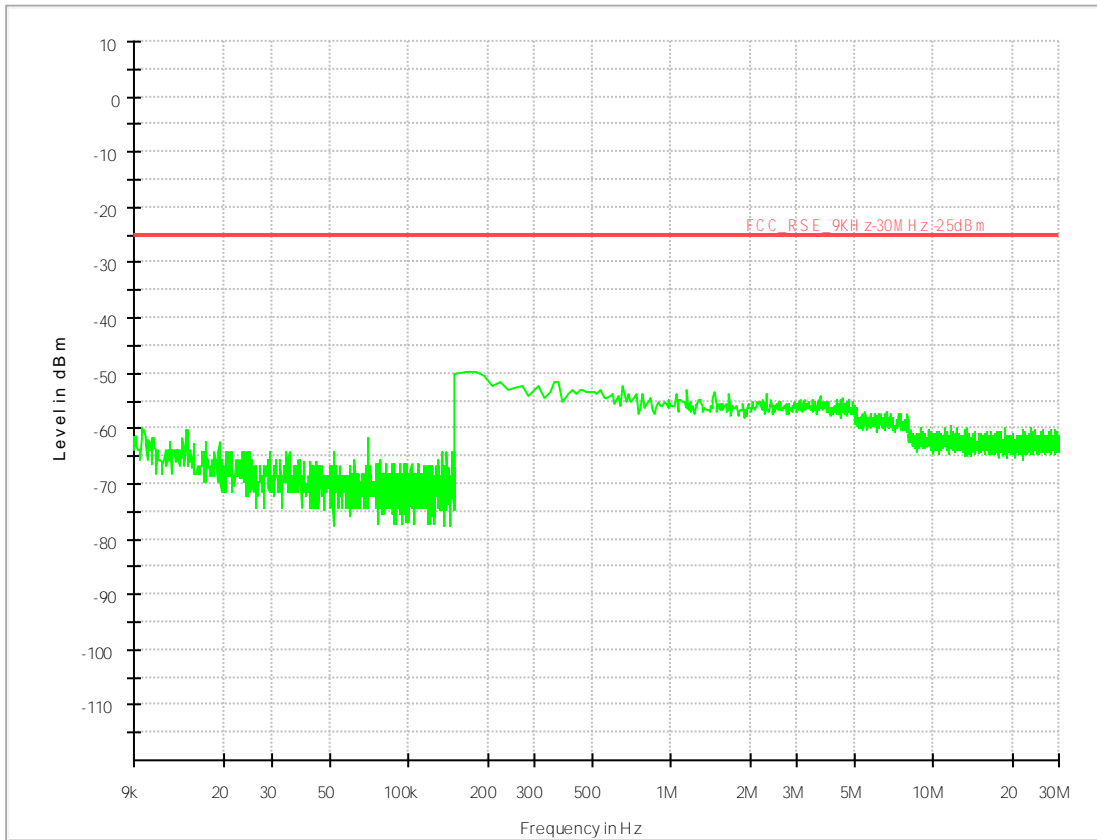


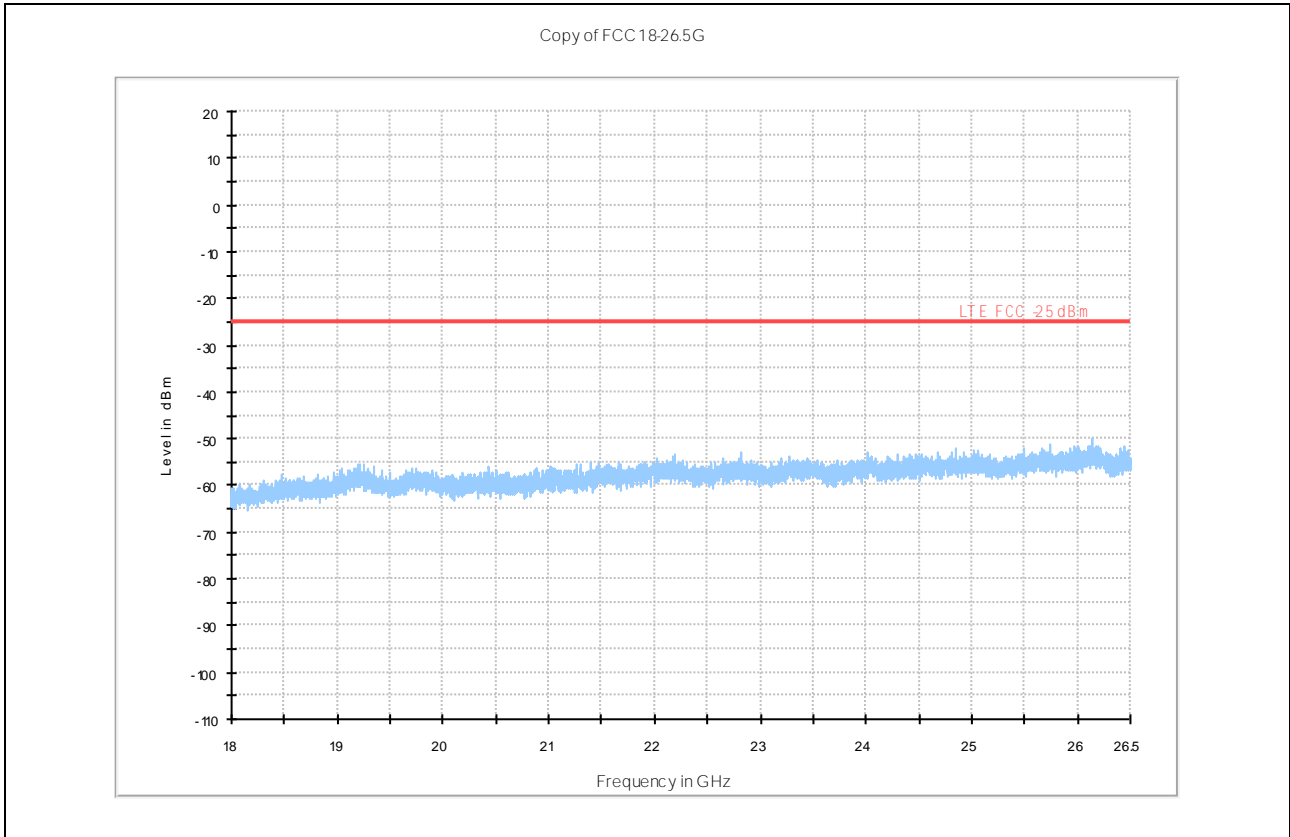


Copy of FCC18-265G



Band41/TM1_Ant2







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	-28.40996	-0.01120	PASS
					VN	-17.29488	-0.00682	PASS
					VH	-15.12051	-0.00596	PASS
			MCH	TN	VL	-18.96858	-0.00731	PASS
					VN	-22.47334	-0.00866	PASS
					VH	-16.95156	-0.00653	PASS
			HCH	TN	VL	-23.07415	-0.00870	PASS
					VN	-30.05505	-0.01133	PASS
					VH	-24.18995	-0.00912	PASS
		10	LCH	TN	VL	-16.46519	-0.00648	PASS
					VN	-21.84391	-0.00860	PASS
					VH	-41.64219	-0.01639	PASS
			MCH	TN	VL	-19.82689	-0.00764	PASS
					VN	-20.48492	-0.00789	PASS
					VH	-45.17555	-0.01741	PASS
			HCH	TN	VL	-25.60616	-0.00966	PASS
					VN	-46.29135	-0.01747	PASS
					VH	-45.20416	-0.01706	PASS
		15	LCH	TN	VL	-18.63956	-0.00733	PASS
					VN	-16.66546	-0.00655	PASS
					VH	-20.02716	-0.00788	PASS
			MCH	TN	VL	-42.32883	-0.01631	PASS
					VN	-20.79964	-0.00802	PASS
					VH	-19.22607	-0.00741	PASS
			HCH	TN	VL	-29.59728	-0.01118	PASS
					VN	-21.55781	-0.00814	PASS
					VH	-39.63947	-0.01497	PASS
		20	LCH	TN	VL	-19.38343	-0.00762	PASS
					VN	-46.30566	-0.01819	PASS
					VH	-17.78126	-0.00699	PASS
			MCH	TN	VL	-22.67361	-0.00874	PASS
					VN	-21.77238	-0.00839	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	-21.17157	-0.00816	PASS
					VL	-36.59248	-0.01383	PASS
					VN	-26.02100	-0.00984	PASS
			LCH	TN	VH	-56.06174	-0.02120	PASS
					VL	-16.45088	-0.00648	PASS
					VN	-37.99438	-0.01497	PASS
		MCH	TN	VH	-31.14223	-0.01227	PASS	
				VL	-15.09190	-0.00582	PASS	
				VN	-45.71915	-0.01762	PASS	
		HCH	TN	VH	-18.13889	-0.00699	PASS	
				VL	-39.05296	-0.01472	PASS	
				VN	-65.28854	-0.02461	PASS	
		10	LCH	TN	VH	-19.88411	-0.00750	PASS
					VL	-13.77583	-0.00542	PASS
					VN	-18.19611	-0.00716	PASS
		MCH	TN	VH	-18.73970	-0.00738	PASS	
				VL	-45.39013	-0.01749	PASS	
				VN	-20.18452	-0.00778	PASS	
		HCH	TN	VH	-17.66682	-0.00681	PASS	
				VL	-43.27297	-0.01633	PASS	
				VN	-23.63205	-0.00892	PASS	
		15	LCH	TN	VH	-52.44255	-0.01979	PASS
					VL	-13.06057	-0.00514	PASS
					VN	-16.03603	-0.00631	PASS
		MCH	TN	VH	-37.17899	-0.01462	PASS	
				VL	-38.22327	-0.01473	PASS	
				VN	-20.04147	-0.00772	PASS	
		HCH	TN	VH	-31.60000	-0.01218	PASS	
				VL	-36.59248	-0.01382	PASS	
				VN	-35.67696	-0.01348	PASS	
		20	LCH	TN	VH	-35.59113	-0.01344	PASS
					VL	-13.20362	-0.00519	PASS
					VN	-31.15654	-0.01224	PASS
		MCH	TN	VH	-18.05305	-0.00709	PASS	
				VL	-17.20905	-0.00663	PASS	
				VN	-19.21177	-0.00740	PASS	
		HCH	TN	VH	-21.50059	-0.00829	PASS	
				VL	-18.51082	-0.00700	PASS	
				VN	-18.51082	-0.00700	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-23.40317	-0.00885	PASS
					VH	-28.12386	-0.01063	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	-14.16206	-0.00558	PASS
					-20	-30.24101	-0.01192	PASS
					-10	-13.20362	-0.00520	PASS
					0	-20.91408	-0.00824	PASS
					10	-13.99040	-0.00551	PASS
					20	-17.29488	-0.00682	PASS
					30	-16.43658	-0.00648	PASS
			MCH	VN	40	-28.68176	-0.01130	PASS
					50	-16.02173	-0.00631	PASS
					-30	-22.05849	-0.00850	PASS
					-20	-23.51761	-0.00906	PASS
					-10	-25.42019	-0.00980	PASS
					0	-22.81666	-0.00879	PASS
					10	-22.83096	-0.00880	PASS
		HCH	VN	20	-22.47334	-0.00866	PASS	
				30	-20.45631	-0.00788	PASS	
				40	-24.23286	-0.00934	PASS	
				50	-25.37727	-0.00978	PASS	
				-30	-28.98216	-0.01093	PASS	
				-20	-31.51417	-0.01188	PASS	
				-10	-59.92413	-0.02259	PASS	
		10	LCH	VN	0	-31.27098	-0.01179	PASS
					10	-27.46582	-0.01035	PASS
					20	-30.05505	-0.01133	PASS
					30	-29.33979	-0.01106	PASS
					40	-33.18787	-0.01251	PASS
					50	-30.51281	-0.01150	PASS
					-30	-17.91000	-0.00705	PASS
-20	-19.04011	-0.00750	PASS					
-10	-17.88139	-0.00704	PASS					
0	-42.97256	-0.01692	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	-17.10892	-0.00674	PASS		
					20	-21.84391	-0.00860	PASS		
					30	-16.59393	-0.00653	PASS		
					40	-16.47949	-0.00649	PASS		
					50	-18.02444	-0.00710	PASS		
			MCH	VN	-30	-64.94522	-0.02503	PASS		
					-20	-20.62798	-0.00795	PASS		
					-10	-35.01892	-0.01349	PASS		
					0	-26.72195	-0.01030	PASS		
					10	-20.57076	-0.00793	PASS		
					20	-20.48492	-0.00789	PASS		
					30	-21.72947	-0.00837	PASS		
					40	-21.74377	-0.00838	PASS		
					50	-20.85686	-0.00804	PASS		
					HCH	VN	-30	-24.46175	-0.00923	PASS
			-20	-64.98814			-0.02452	PASS		
			-10	-24.47605			-0.00924	PASS		
			0	-55.99022			-0.02113	PASS		
			10	-23.93246			-0.00903	PASS		
			20	-46.29135			-0.01747	PASS		
			30	-24.60480			-0.00928	PASS		
			40	-21.75808			-0.00821	PASS		
			15		LCH	VN	-30	-20.14160	-0.00792	PASS
							-20	-45.01820	-0.01771	PASS
							-10	-47.02091	-0.01849	PASS
							0	-61.48338	-0.02418	PASS
							10	-52.48547	-0.02064	PASS
							20	-16.66546	-0.00655	PASS
							30	-59.93843	-0.02357	PASS
							40	-19.75536	-0.00777	PASS
					50	-19.18316	-0.00754	PASS		
					MCH	VN	-30	-41.27026	-0.01590	PASS
							-20	-23.73219	-0.00915	PASS
-10	-23.38886	-0.00901					PASS			
0	-24.14703	-0.00931					PASS			
10	-42.04273	-0.01620					PASS			
20	-20.79964	-0.00802					PASS			
30	-24.66202	-0.00950	PASS							



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
			HCH	VN	40	-20.42770	-0.00787	PASS	
					50	-41.92829	-0.01616	PASS	
					-30	-22.87388	-0.00864	PASS	
					-20	-28.86772	-0.01090	PASS	
					-10	-38.18035	-0.01442	PASS	
					0	-40.21168	-0.01519	PASS	
					10	-44.56043	-0.01683	PASS	
					20	-21.55781	-0.00814	PASS	
					30	-31.05640	-0.01173	PASS	
					40	-40.15446	-0.01517	PASS	
					50	-22.33028	-0.00843	PASS	
					-30	-16.35075	-0.00642	PASS	
					-20	-21.38615	-0.00840	PASS	
					-10	-19.52648	-0.00767	PASS	
					0	-20.38479	-0.00801	PASS	
		10	-18.91136	-0.00743	PASS				
		20	-46.30566	-0.01819	PASS				
		30	-20.78533	-0.00817	PASS				
		40	-18.86845	-0.00741	PASS				
		50	-21.98696	-0.00864	PASS				
		-30	-21.21449	-0.00818	PASS				
		-20	-18.31055	-0.00706	PASS				
		-10	-23.01693	-0.00887	PASS				
		0	-20.29896	-0.00782	PASS				
		10	-20.41340	-0.00787	PASS				
		20	-21.77238	-0.00839	PASS				
		30	-19.06872	-0.00735	PASS				
		40	-18.22472	-0.00702	PASS				
		50	-20.21313	-0.00779	PASS				
		-30	-21.55781	-0.00815	PASS				
		-20	-22.90249	-0.00866	PASS				
		-10	-26.23558	-0.00992	PASS				
		0	-23.81802	-0.00900	PASS				
		10	-25.46310	-0.00963	PASS				
		20	-26.02100	-0.00984	PASS				
		30	-21.91544	-0.00829	PASS				
		40	-22.64500	-0.00856	PASS				
		50	-24.94812	-0.00943	PASS				
		LTE/TM2	5	LCH	VN	-30	-26.92223	-0.01061	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		10			-20	-38.36632	-0.01512	PASS
					-10	-26.63612	-0.01050	PASS
					0	-29.72603	-0.01171	PASS
					10	-31.47125	-0.01240	PASS
					20	-37.99438	-0.01497	PASS
					30	-27.65179	-0.01090	PASS
					40	-37.80842	-0.01490	PASS
					50	-25.77782	-0.01016	PASS
			MCH	VN	-30	-22.45903	-0.00865	PASS
					-20	-25.73490	-0.00992	PASS
					-10	-23.71788	-0.00914	PASS
					0	-24.17564	-0.00932	PASS
					10	-21.81530	-0.00841	PASS
					20	-45.71915	-0.01762	PASS
					30	-18.08167	-0.00697	PASS
					40	-26.16405	-0.01008	PASS
			HCH	VN	-30	-27.78053	-0.01047	PASS
					-20	-53.51543	-0.02018	PASS
					-10	-80.10864	-0.03020	PASS
					0	-24.53327	-0.00925	PASS
					10	-23.28873	-0.00878	PASS
					20	-65.28854	-0.02461	PASS
					30	-84.52892	-0.03187	PASS
					40	-28.79620	-0.01086	PASS
			LCH	VN	-30	-17.48085	-0.00688	PASS
					-20	-22.38750	-0.00881	PASS
					-10	-20.69950	-0.00815	PASS
					0	-56.66256	-0.02231	PASS
		10			-17.40932	-0.00685	PASS	
		20			-18.19611	-0.00716	PASS	
		30			-15.70702	-0.00618	PASS	
		40			-18.98289	-0.00747	PASS	
		MCH	VN	-30	-47.99366	-0.01849	PASS	
				-20	-20.65659	-0.00796	PASS	
				-10	-43.07270	-0.01660	PASS	
				0	-20.45631	-0.00788	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict								
					10	-46.30566	-0.01784	PASS								
					20	-20.18452	-0.00778	PASS								
					30	-44.38877	-0.01711	PASS								
					40	-36.95011	-0.01424	PASS								
					50	-22.25876	-0.00858	PASS								
			HCH	VN				-30	-47.32132	-0.01786	PASS					
								-20	-57.60670	-0.02174	PASS					
								-10	-18.66817	-0.00704	PASS					
								0	-48.45142	-0.01828	PASS					
								10	-20.99991	-0.00792	PASS					
								20	-23.63205	-0.00892	PASS					
								30	-21.60072	-0.00815	PASS					
								40	-48.20824	-0.01819	PASS					
								50	-43.24436	-0.01632	PASS					
								LCH	VN				-30	-17.98153	-0.00707	PASS
													-20	-30.06935	-0.01183	PASS
													-10	-43.98823	-0.01730	PASS
													0	-45.24708	-0.01780	PASS
													10	-30.21240	-0.01188	PASS
													20	-16.03603	-0.00631	PASS
		30	-46.92078	-0.01845	PASS											
		40	-15.77854	-0.00621	PASS											
		50	-18.72540	-0.00736	PASS											
		MCH	VN				-30						-35.00462	-0.01349	PASS	
							-20	-39.32476	-0.01515	PASS						
							-10	-40.95554	-0.01578	PASS						
							0	-36.74984	-0.01416	PASS						
							10	-35.76279	-0.01378	PASS						
							20	-20.04147	-0.00772	PASS						
							30	-17.26627	-0.00665	PASS						
							40	-27.32277	-0.01053	PASS						
		HCH	VN				50	-21.40045	-0.00825	PASS						
							-30	-18.78262	-0.00709	PASS						
							-20	-22.25876	-0.00841	PASS						
							-10	-22.18723	-0.00838	PASS						
							0	-33.00190	-0.01247	PASS						
							10	-33.37383	-0.01261	PASS						
							20	-35.67696	-0.01348	PASS						
		30	-44.13128	-0.01667	PASS											



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-23.21720	-0.00877	PASS
					50	-38.25188	-0.01445	PASS
		20	LCH	VN	-30	-13.99040	-0.00550	PASS
					-20	-17.58099	-0.00691	PASS
					-10	-17.42363	-0.00685	PASS
					0	-20.47062	-0.00804	PASS
					10	-19.75536	-0.00776	PASS
					20	-31.15654	-0.01224	PASS
					30	-16.76559	-0.00659	PASS
					40	-19.42635	-0.00763	PASS
					50	-17.55238	-0.00690	PASS
					MCH	VN	-30	-19.39774
			-20	-17.98153			-0.00693	PASS
			-10	-19.35482			-0.00746	PASS
			0	-18.02444			-0.00695	PASS
			10	-19.39774			-0.00748	PASS
			20	-19.21177			-0.00740	PASS
			30	-20.04147			-0.00772	PASS
			40	-18.31055			-0.00706	PASS
			HCH	VN	50	-20.87116	-0.00804	PASS
					-30	-20.14160	-0.00761	PASS
					-20	-19.24038	-0.00727	PASS
					-10	-22.00127	-0.00832	PASS
					0	-20.28465	-0.00767	PASS
					10	-19.76967	-0.00747	PASS
					20	-23.40317	-0.00885	PASS
		30			-21.54350	-0.00814	PASS	
		40	-18.52512	-0.00700	PASS			
					50	-20.61367	-0.00779	PASS

END