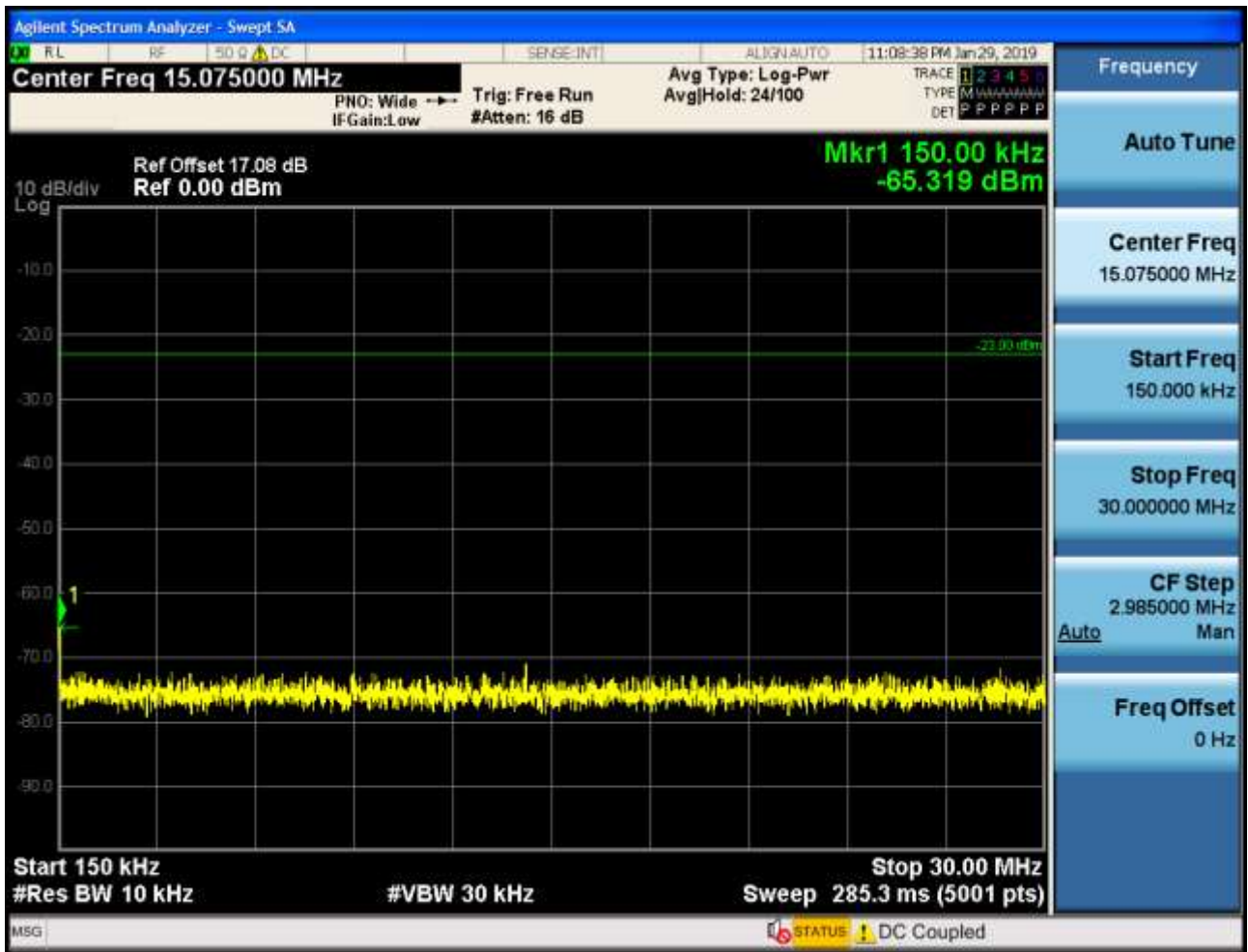
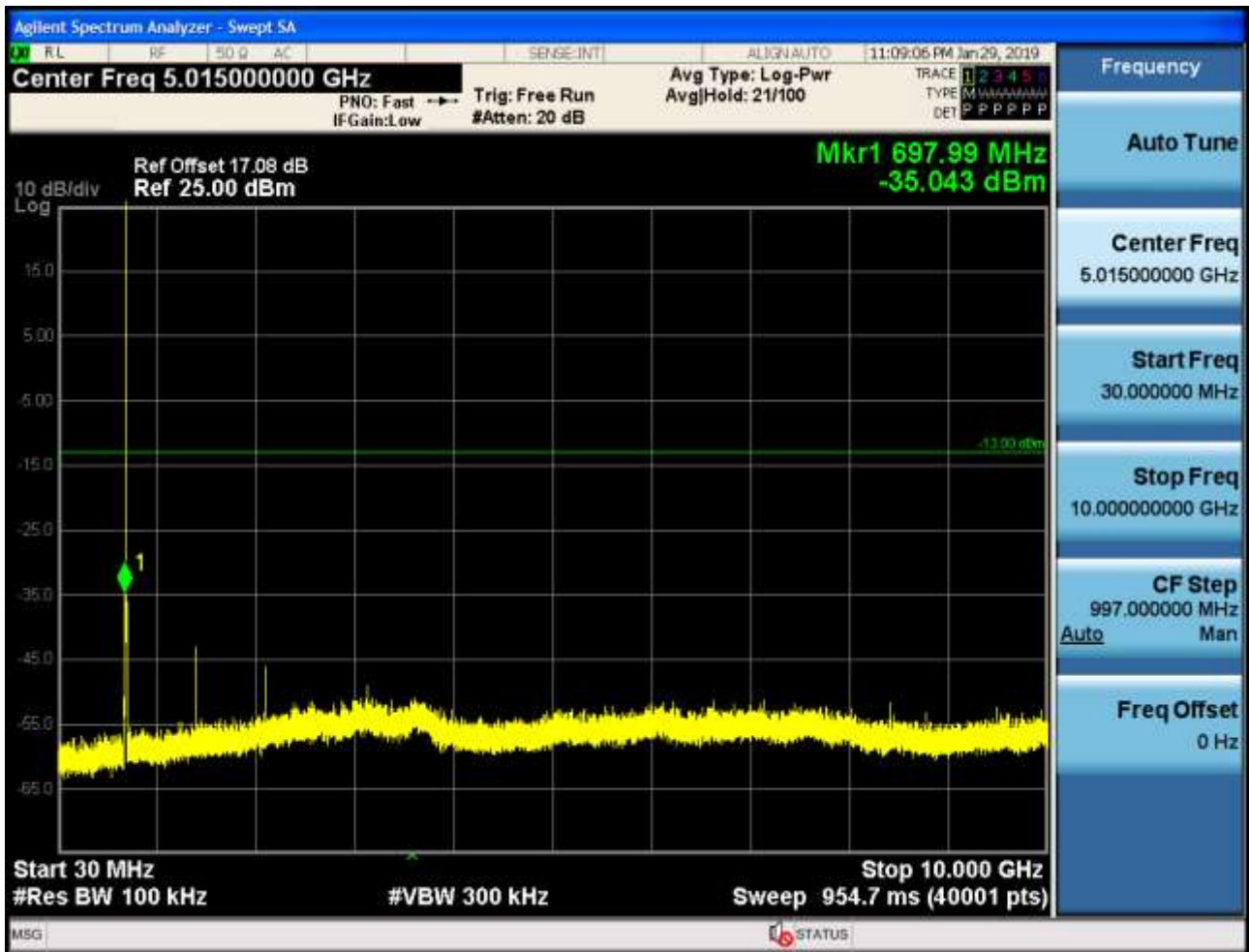


6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0







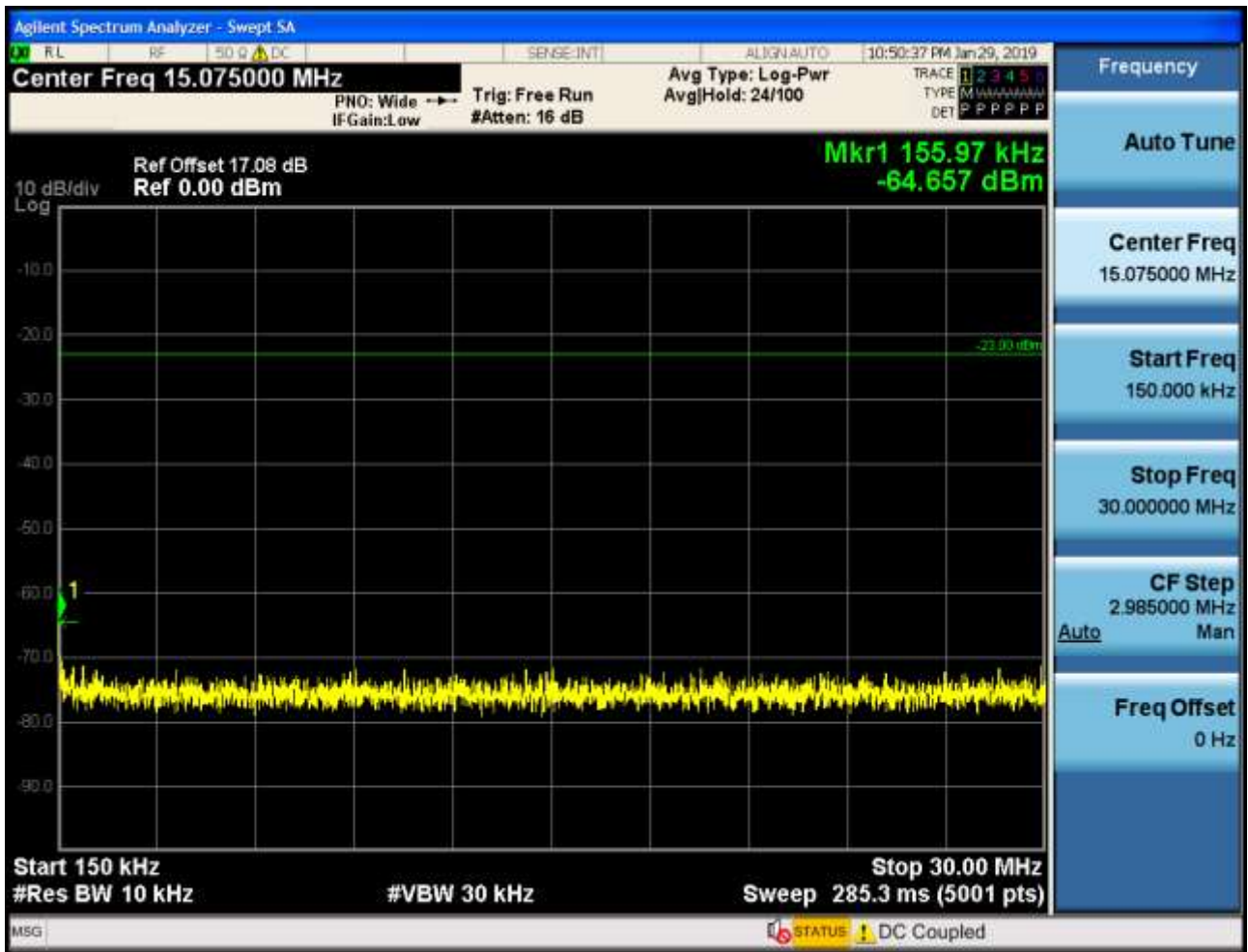
6.2.1.2 Test Mode = LTE/TM2

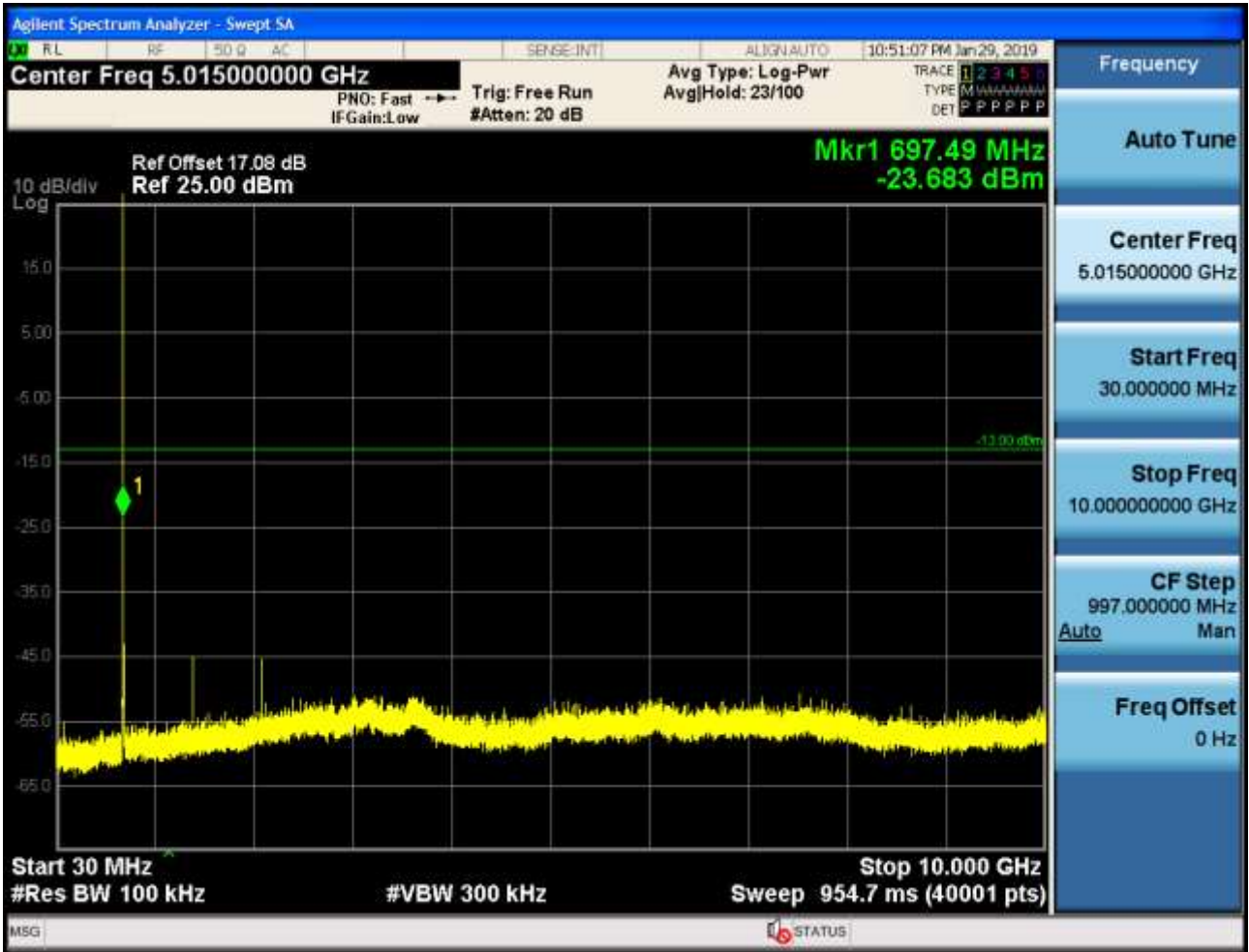
6.2.1.2.1 Test Bandwidth = 1.4

6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 Test RB = RB1#0



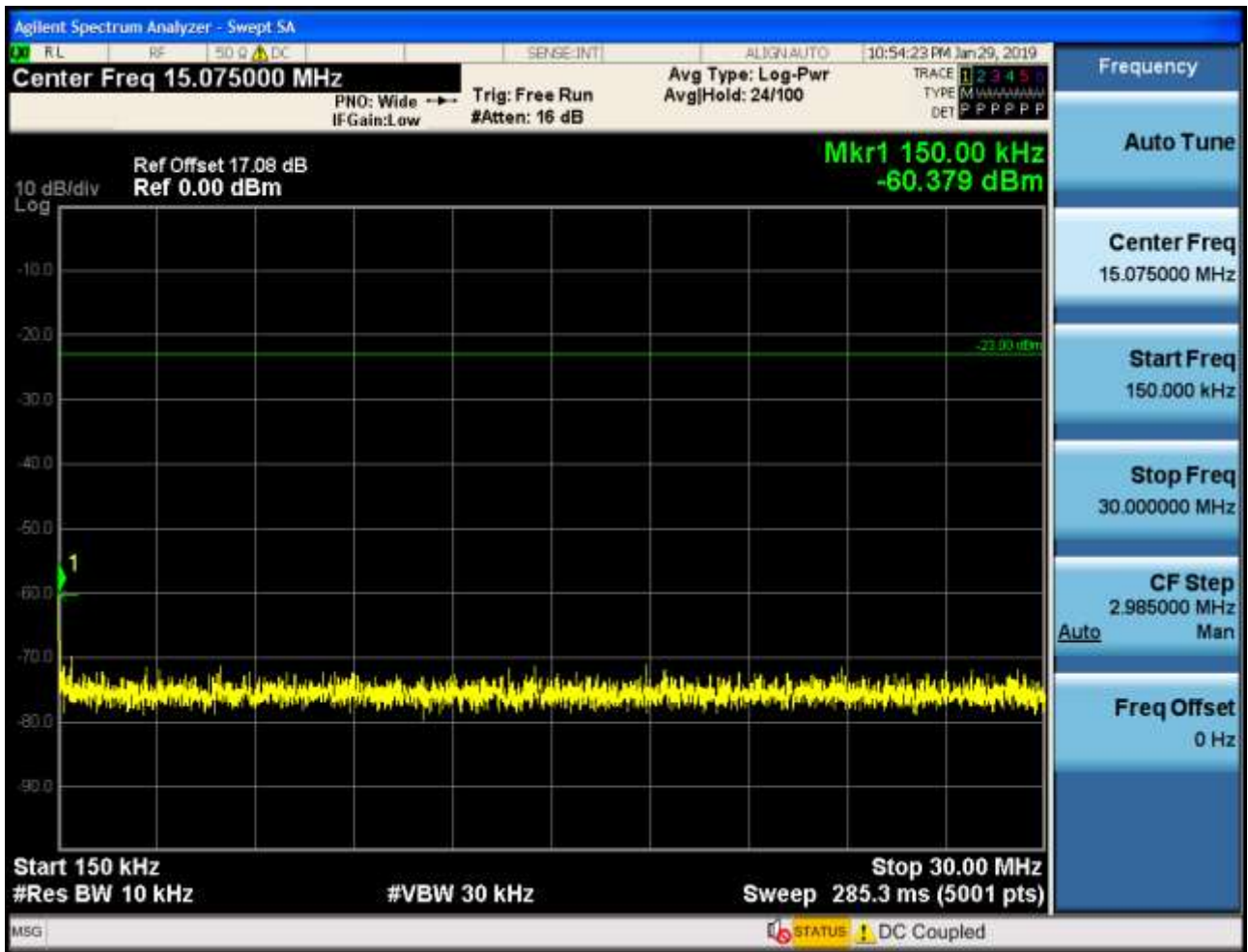


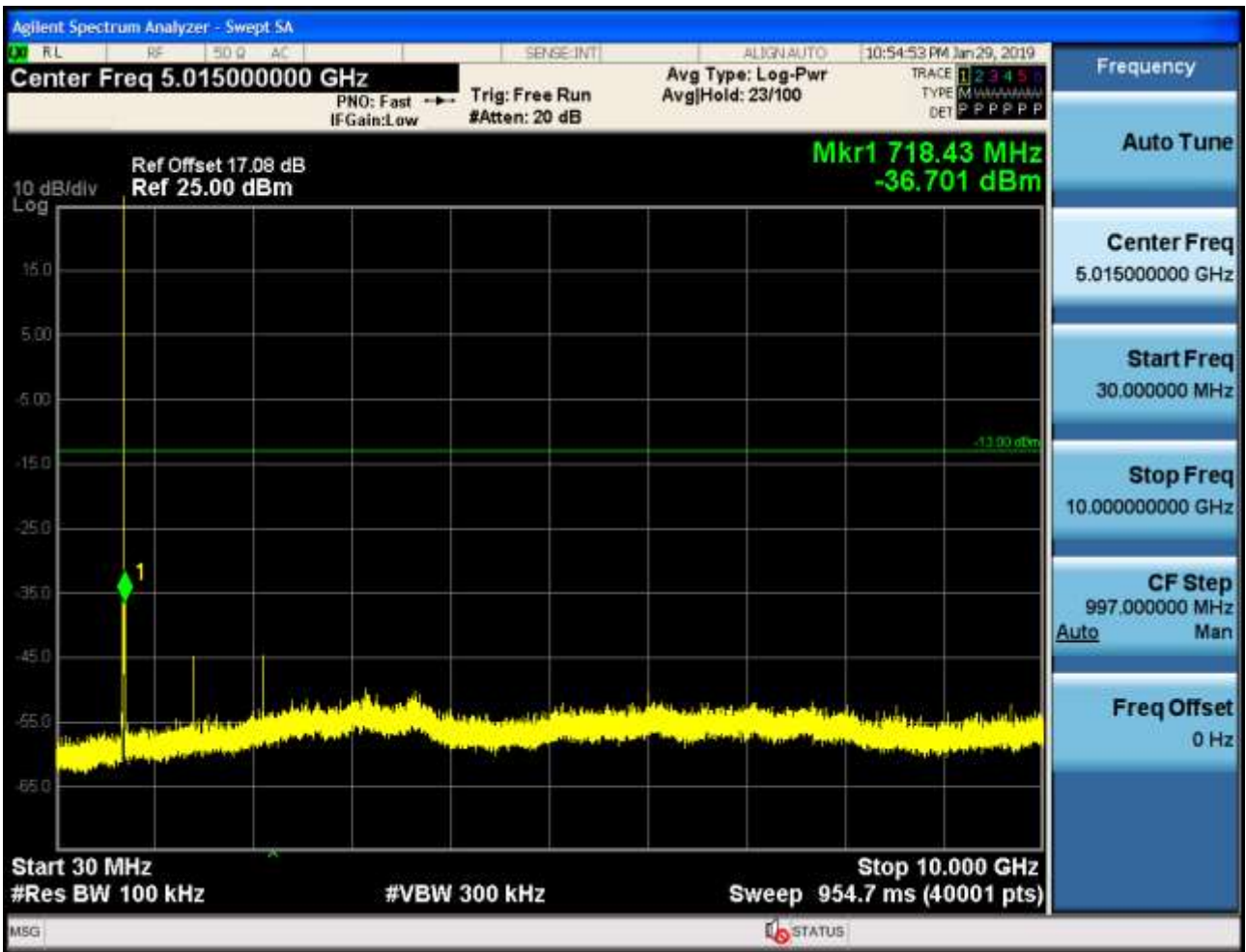


6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0

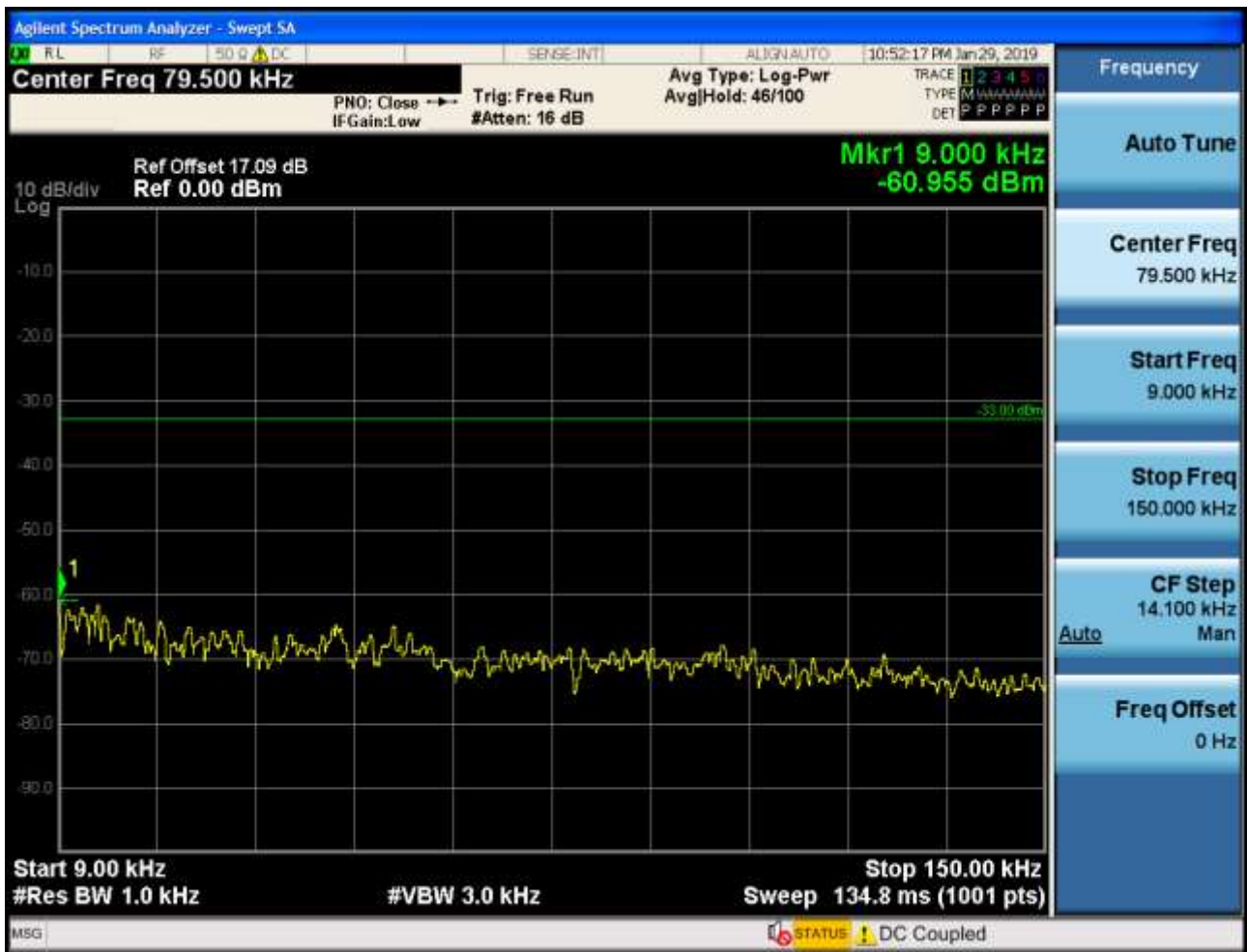


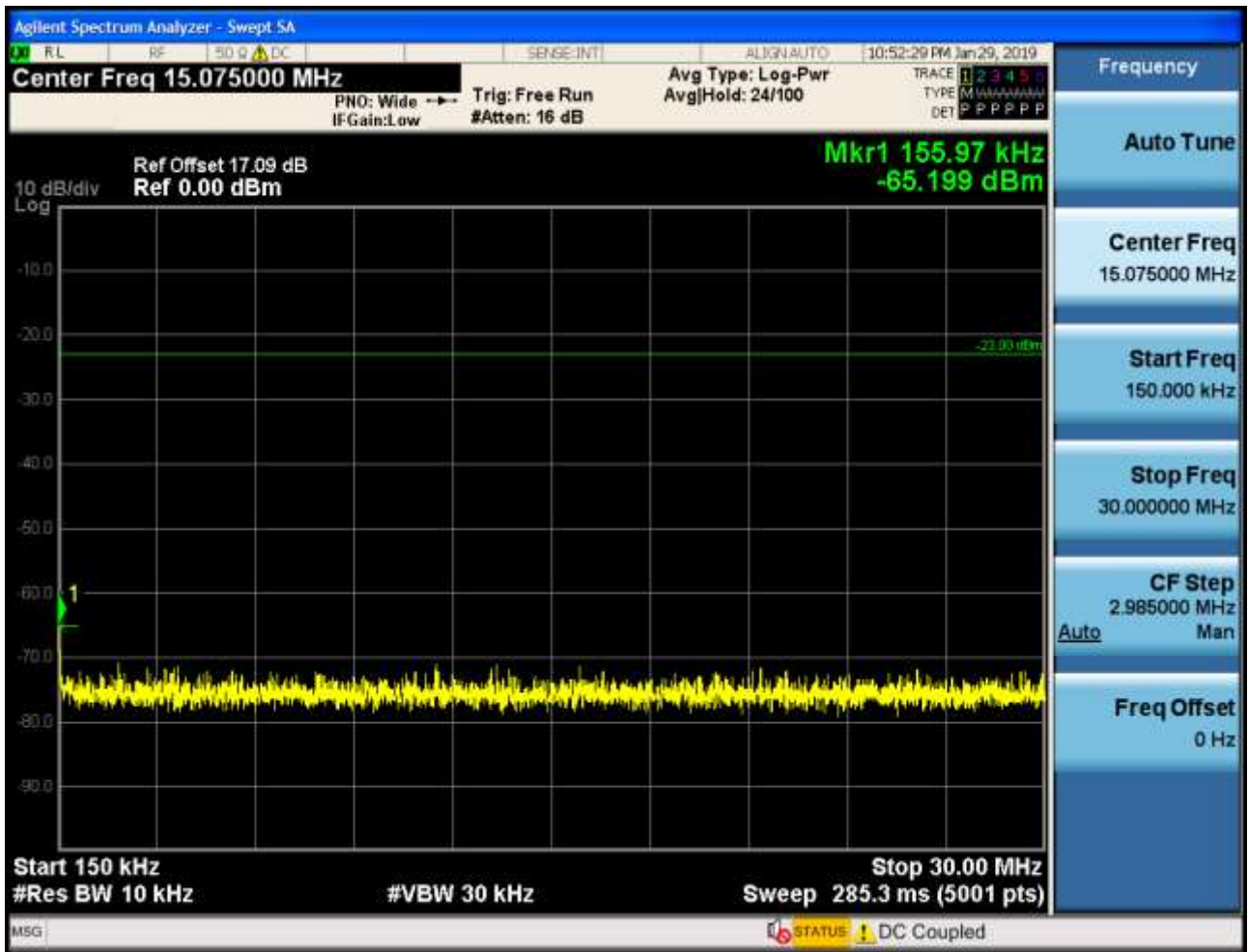


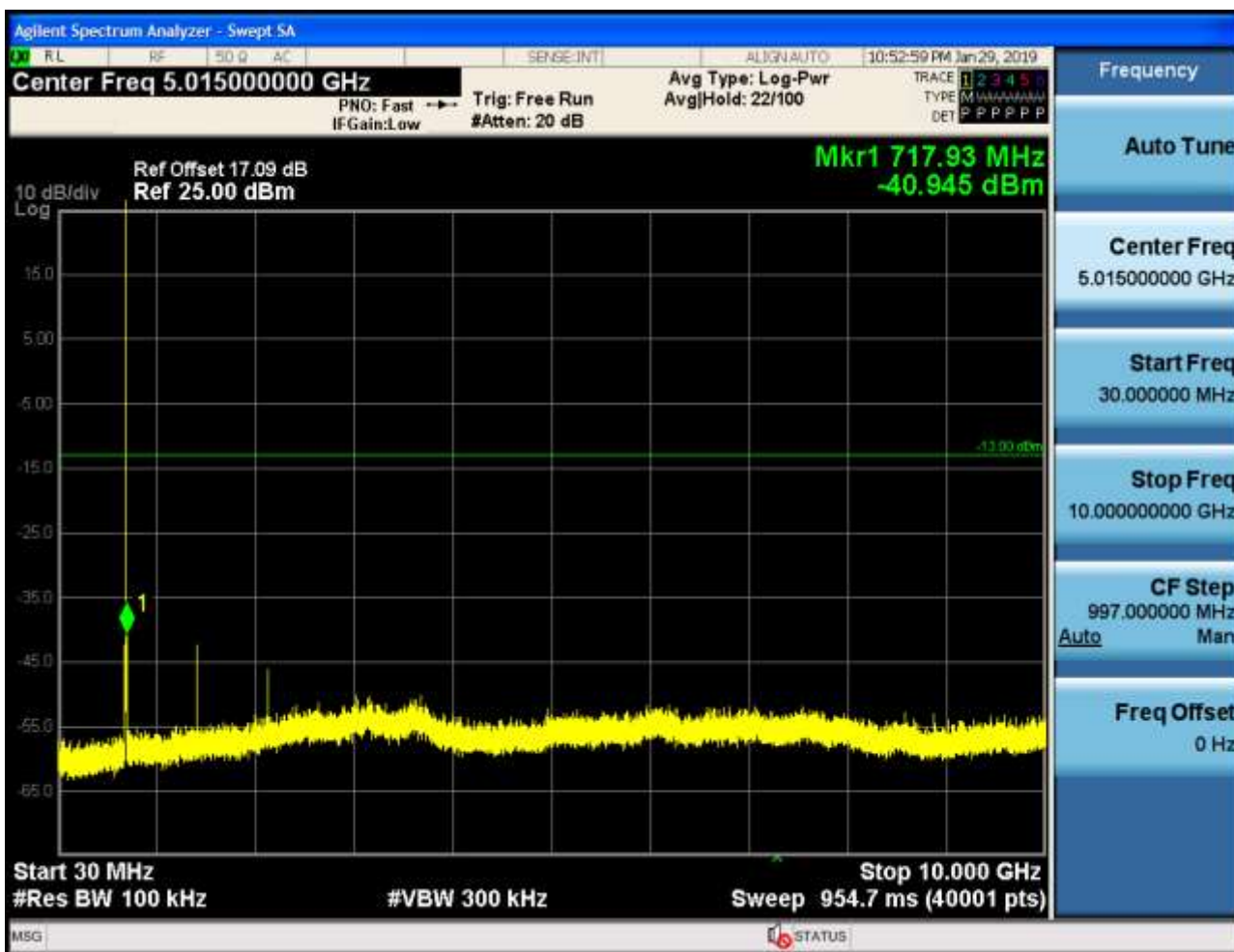


6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0





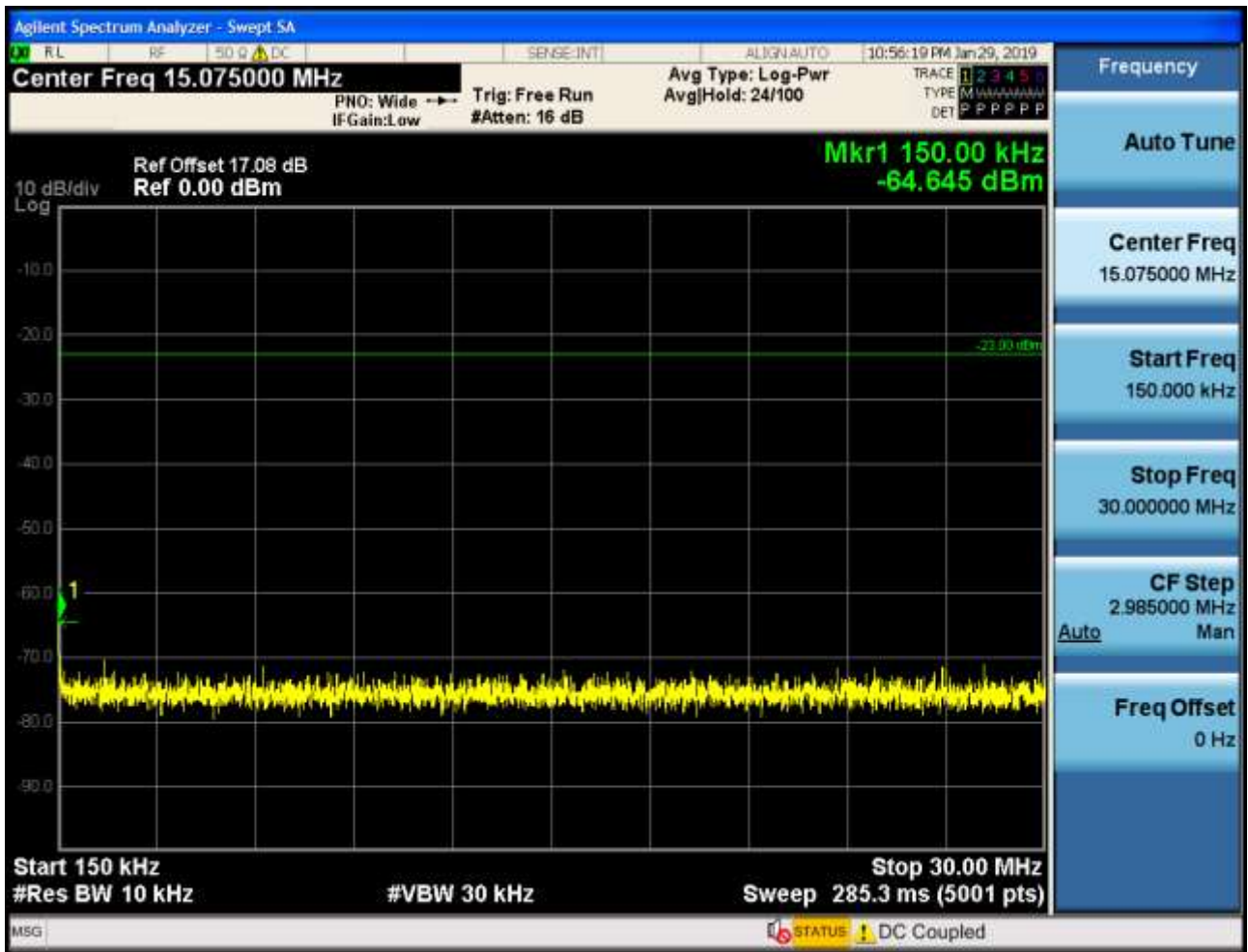


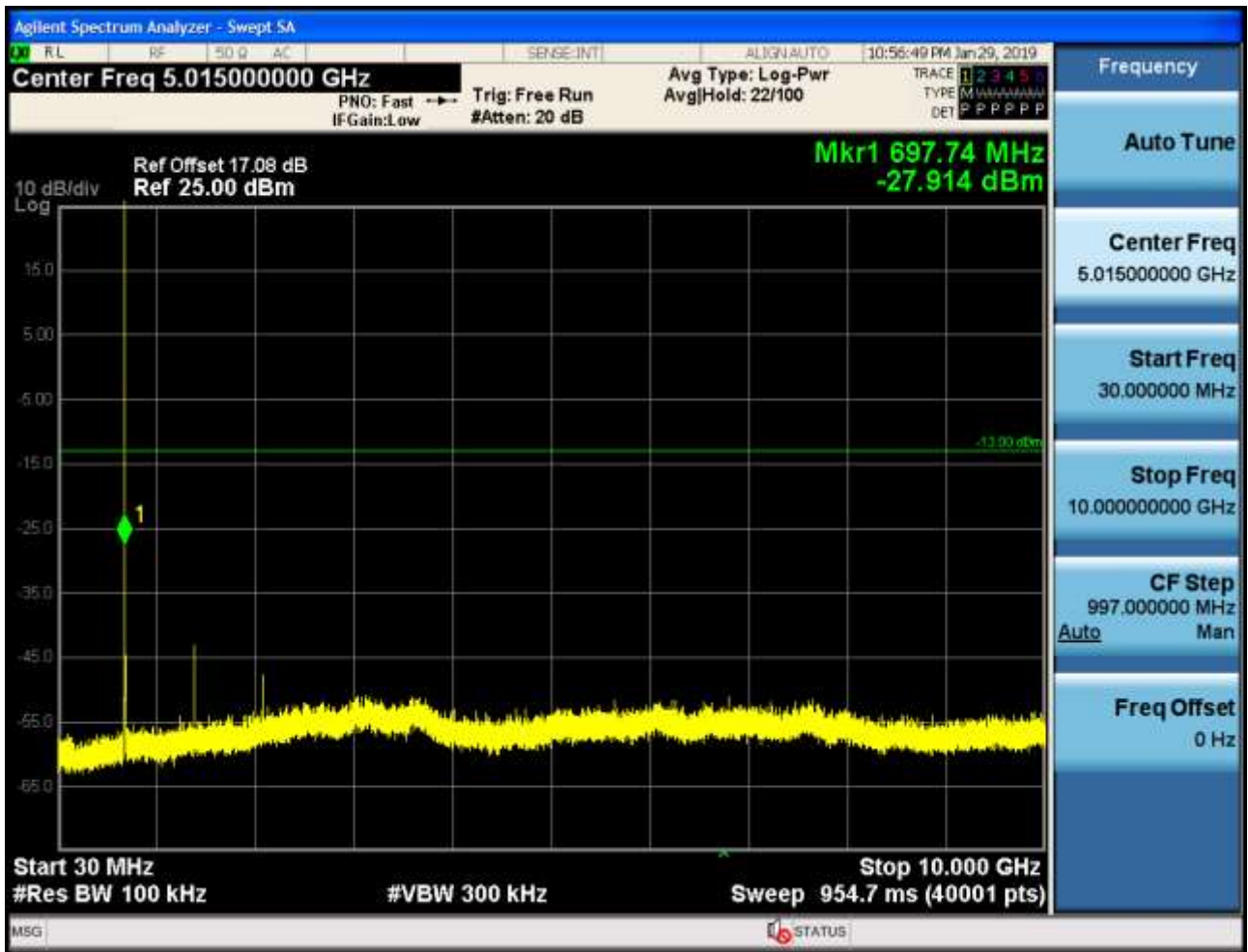
6.2.1.2.2 Test Bandwidth = 3

6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0

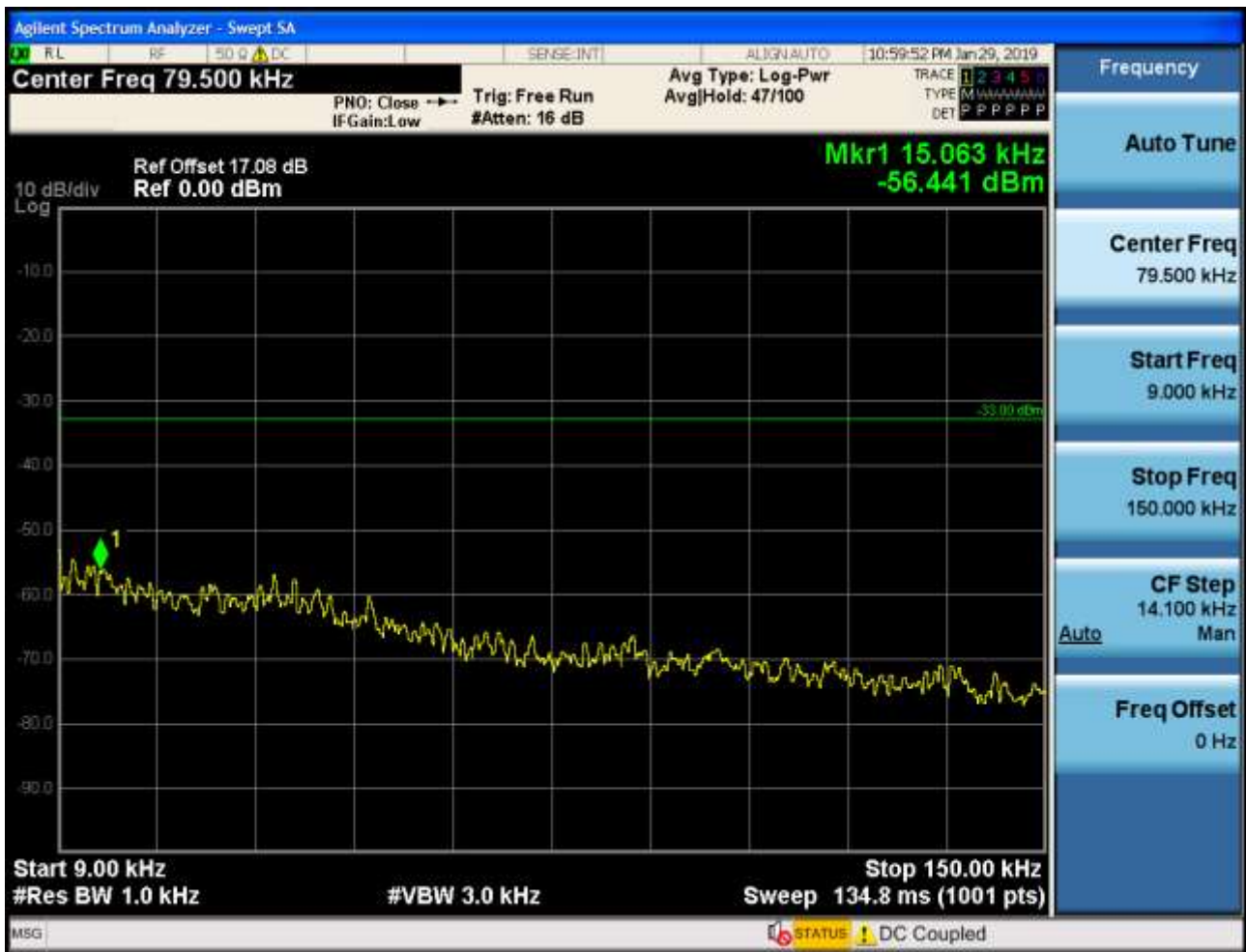


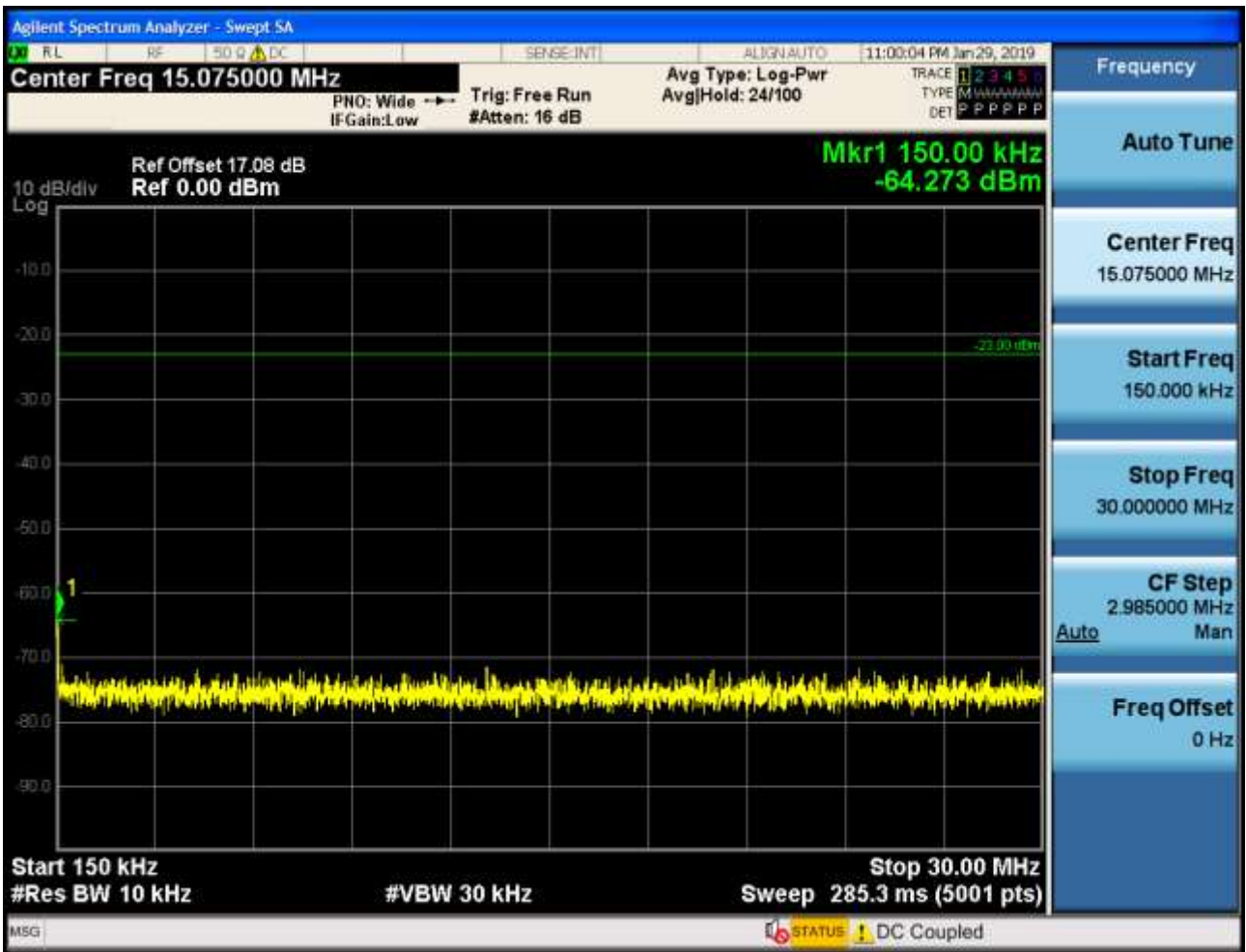


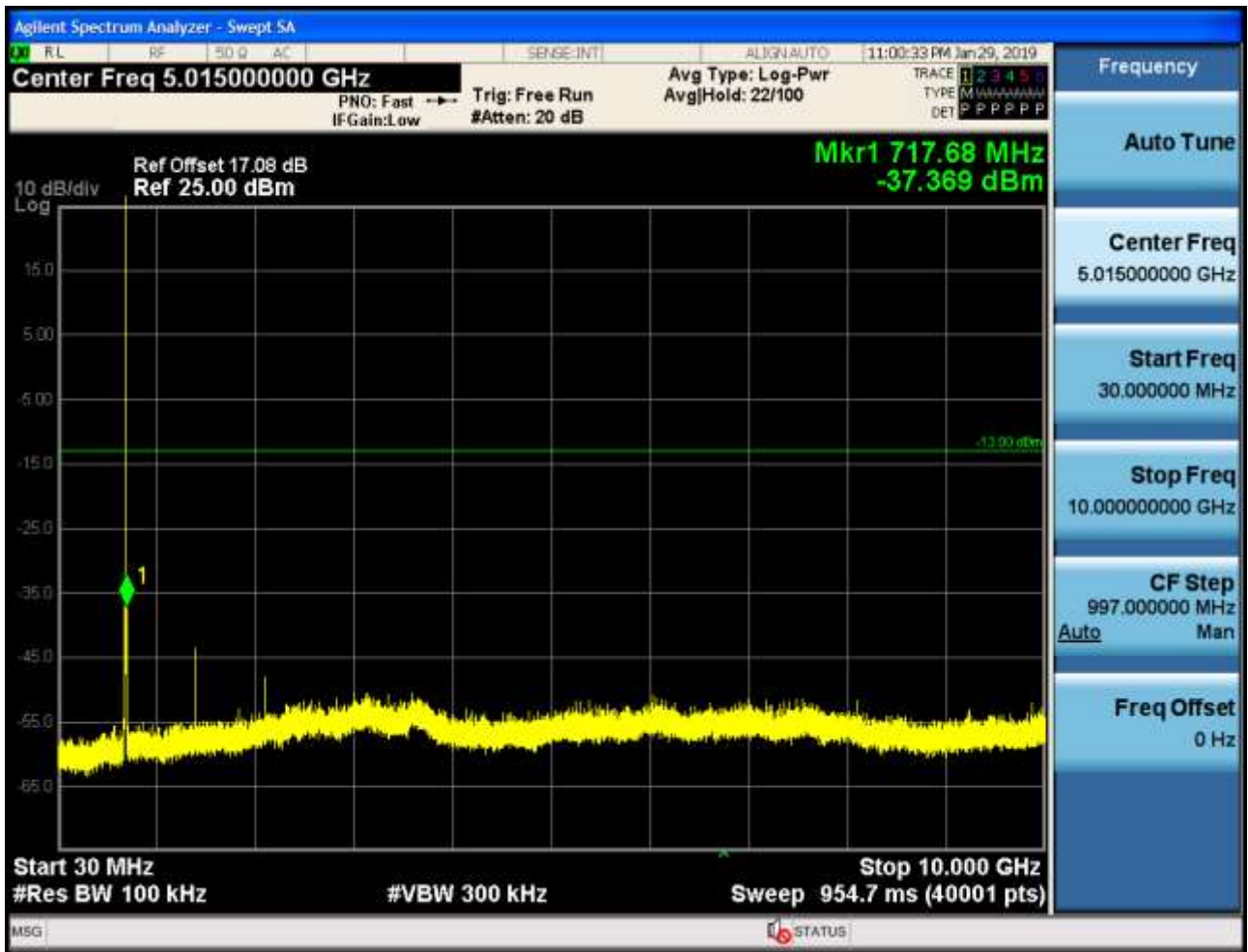


6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.2.1 Test RB = RB1#0



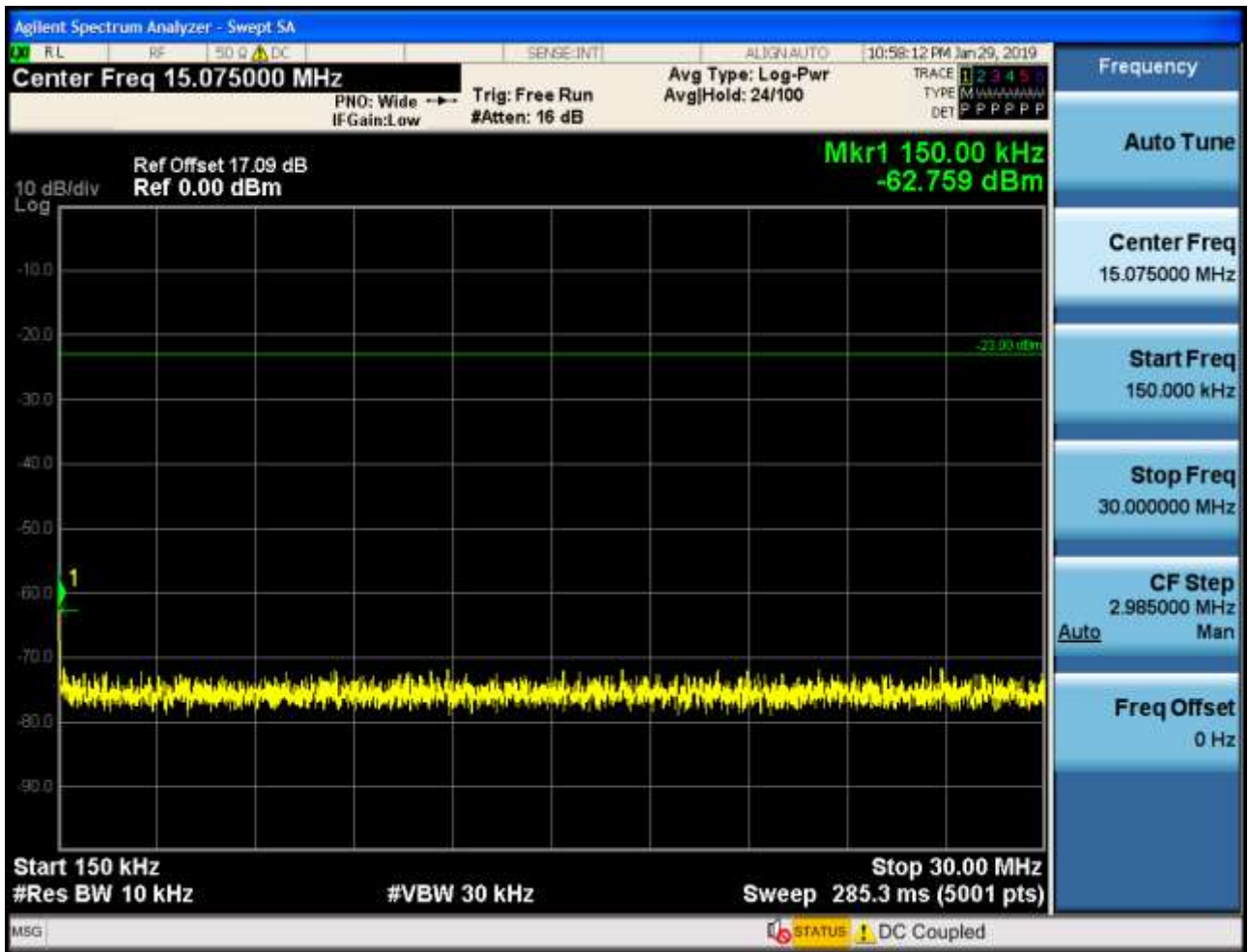


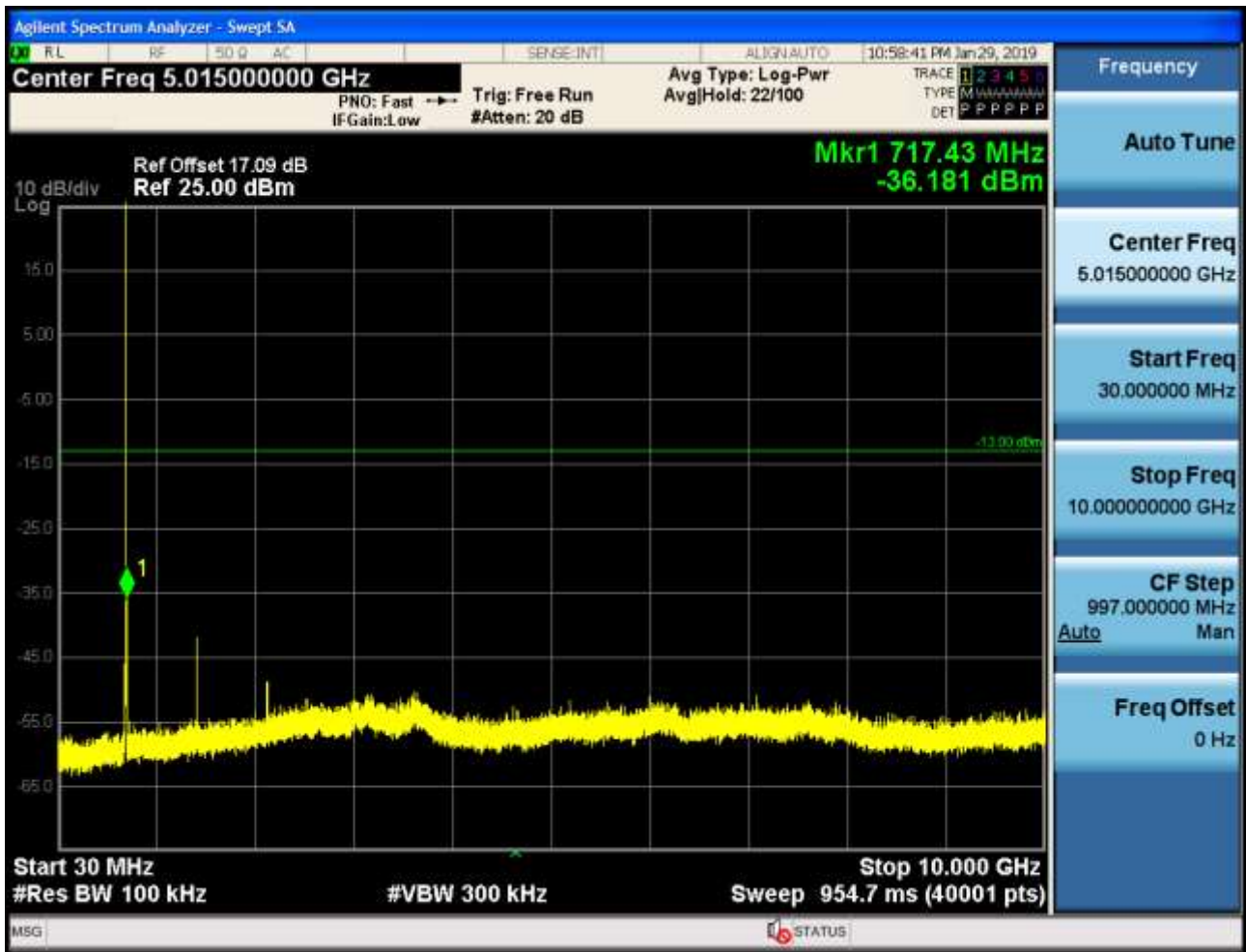


6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0





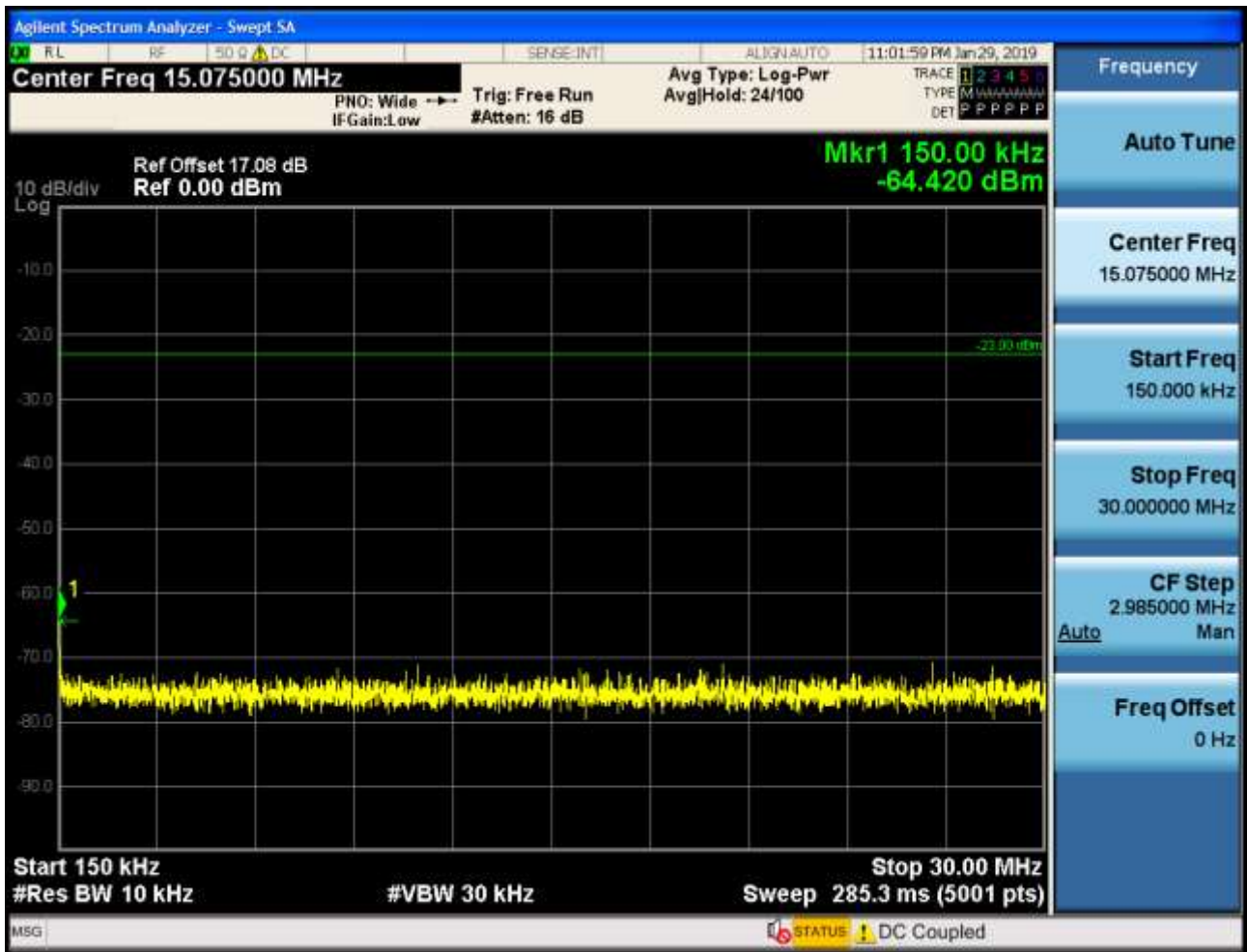


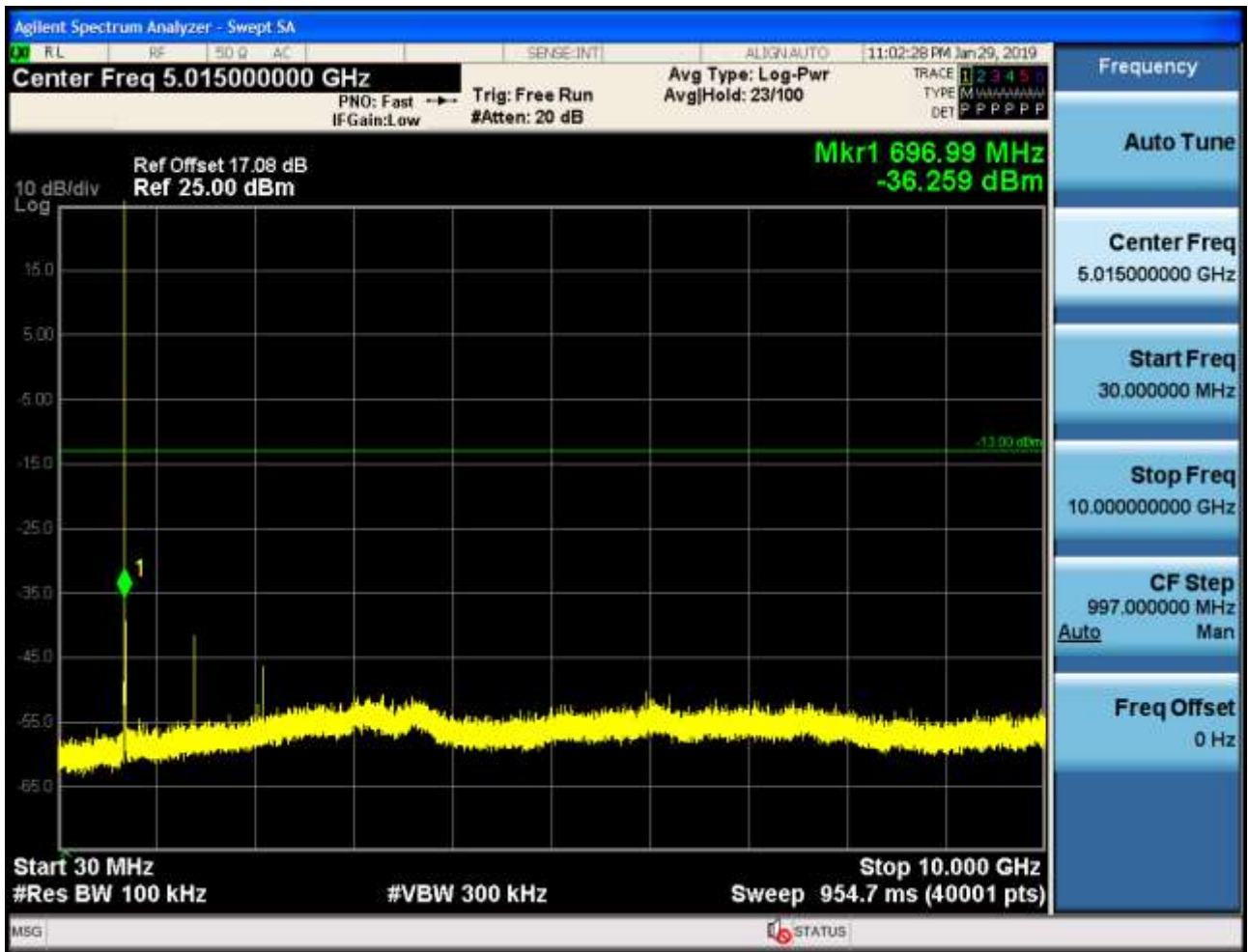
6.2.1.2.3 Test Bandwidth = 5

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0



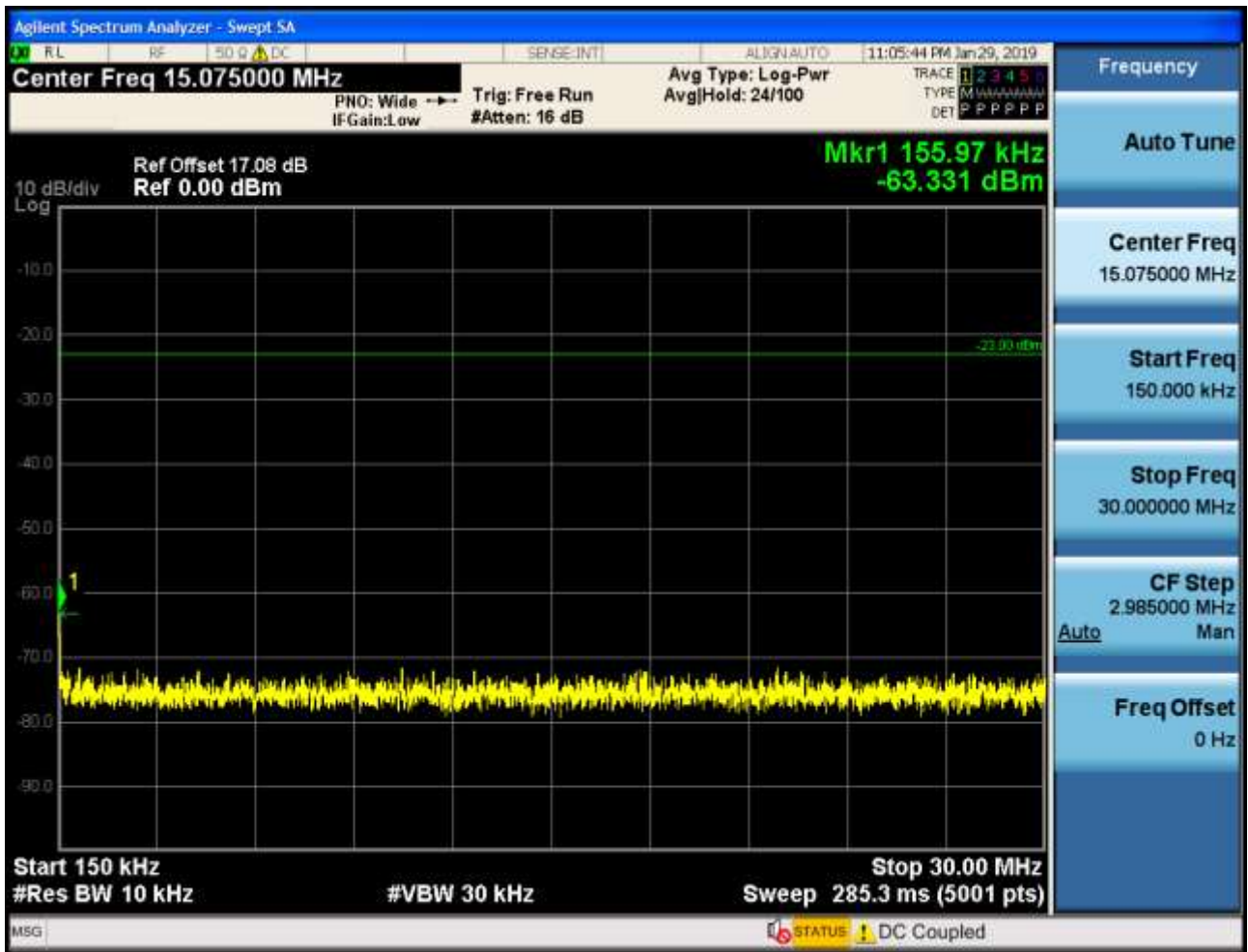


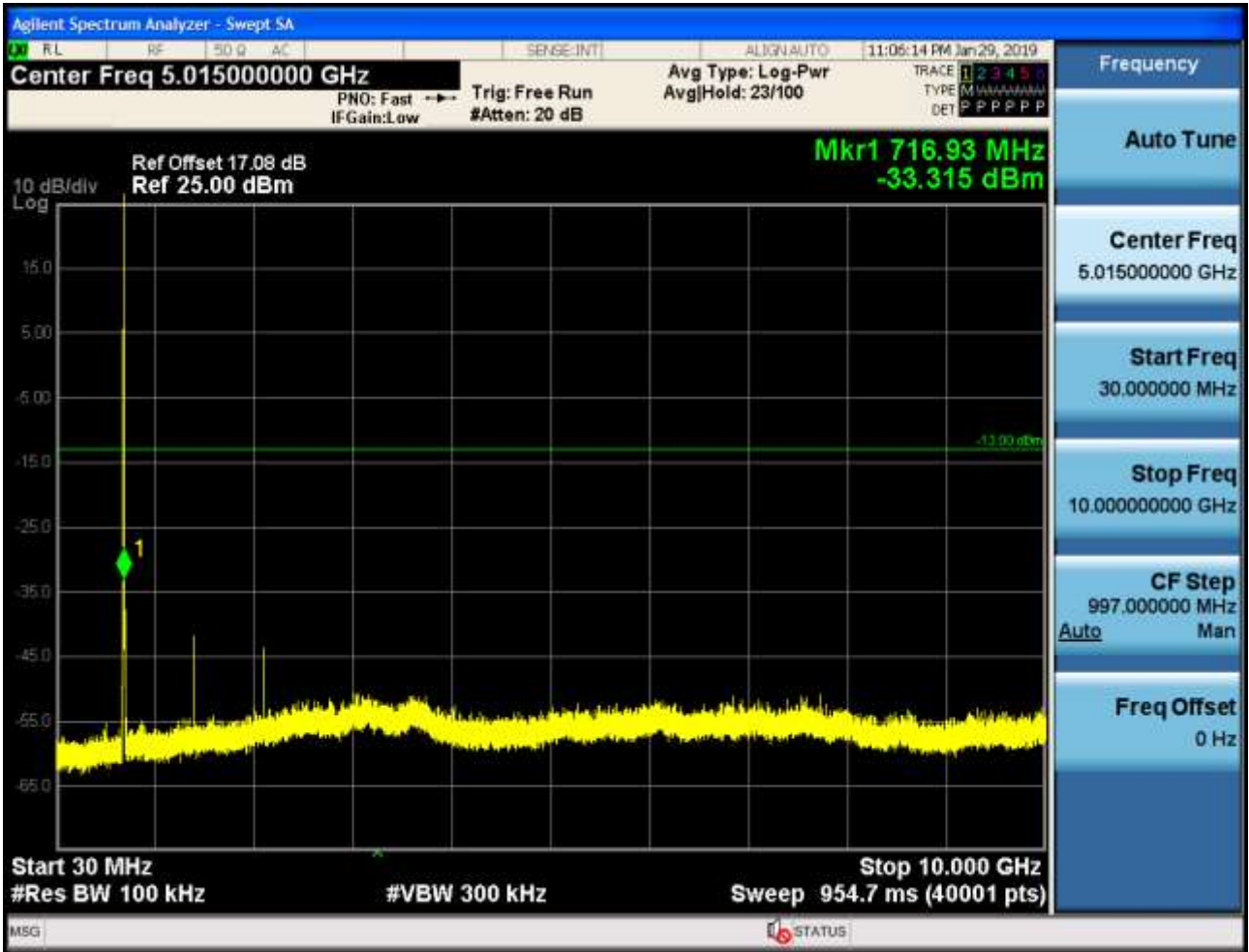


6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0



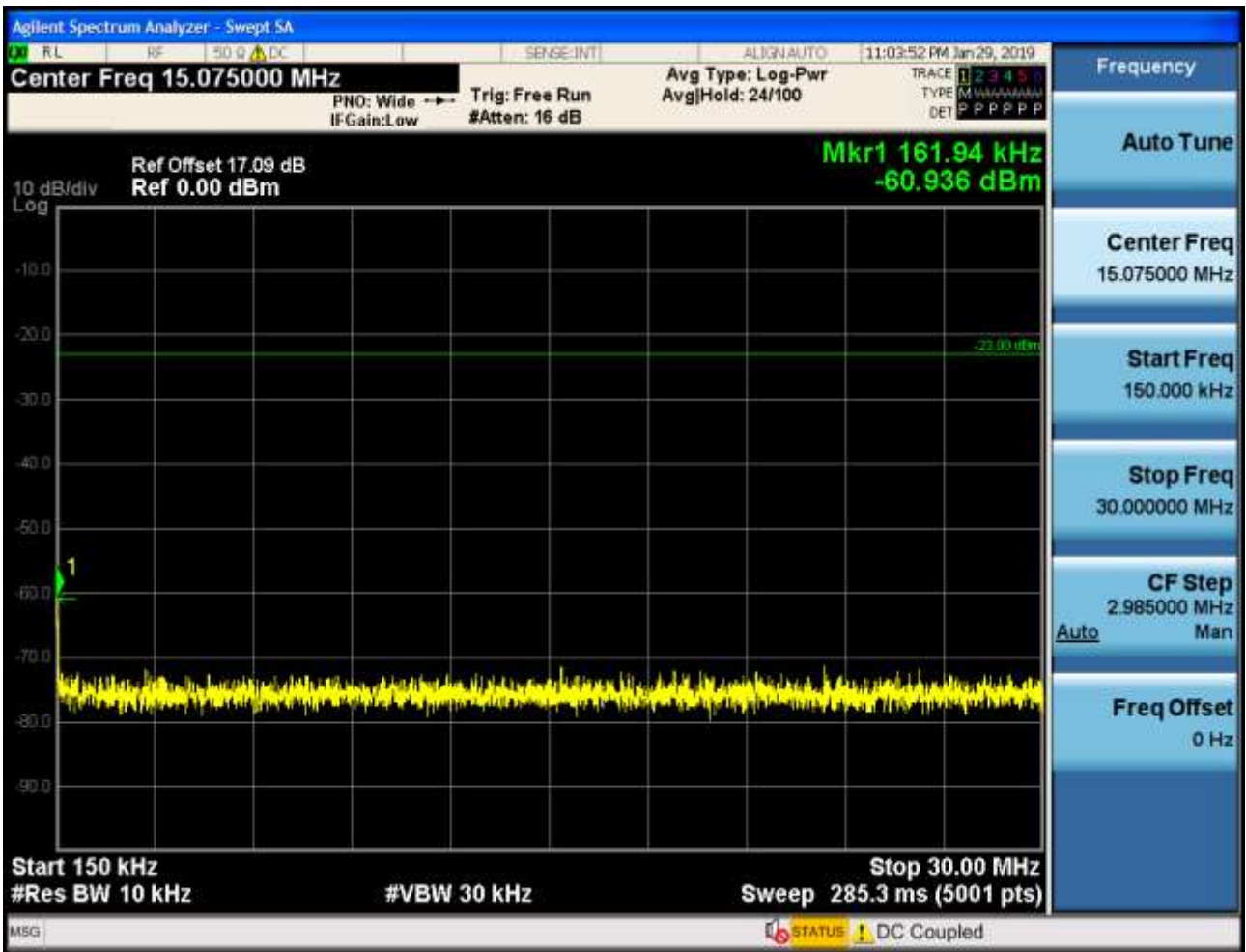


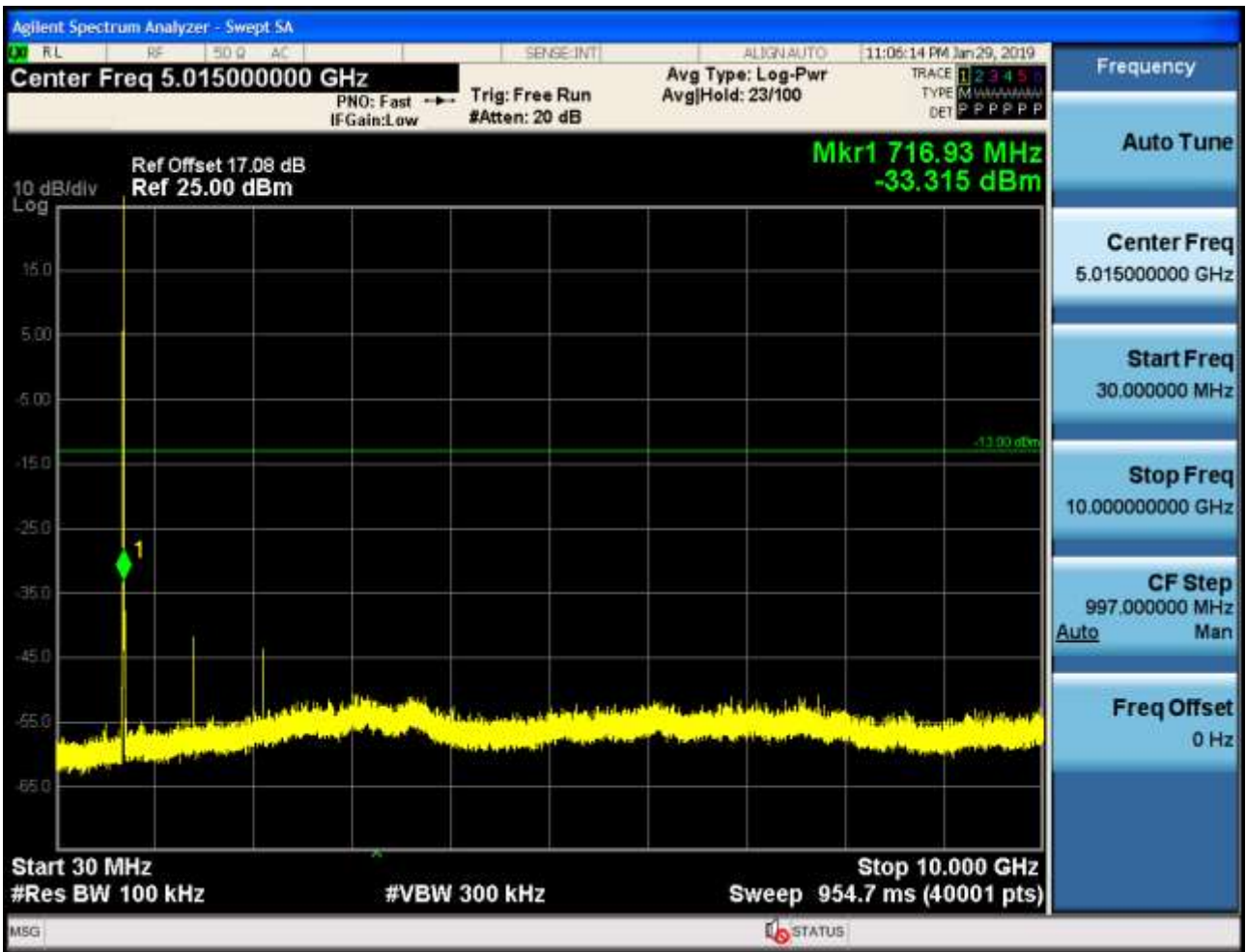


6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0





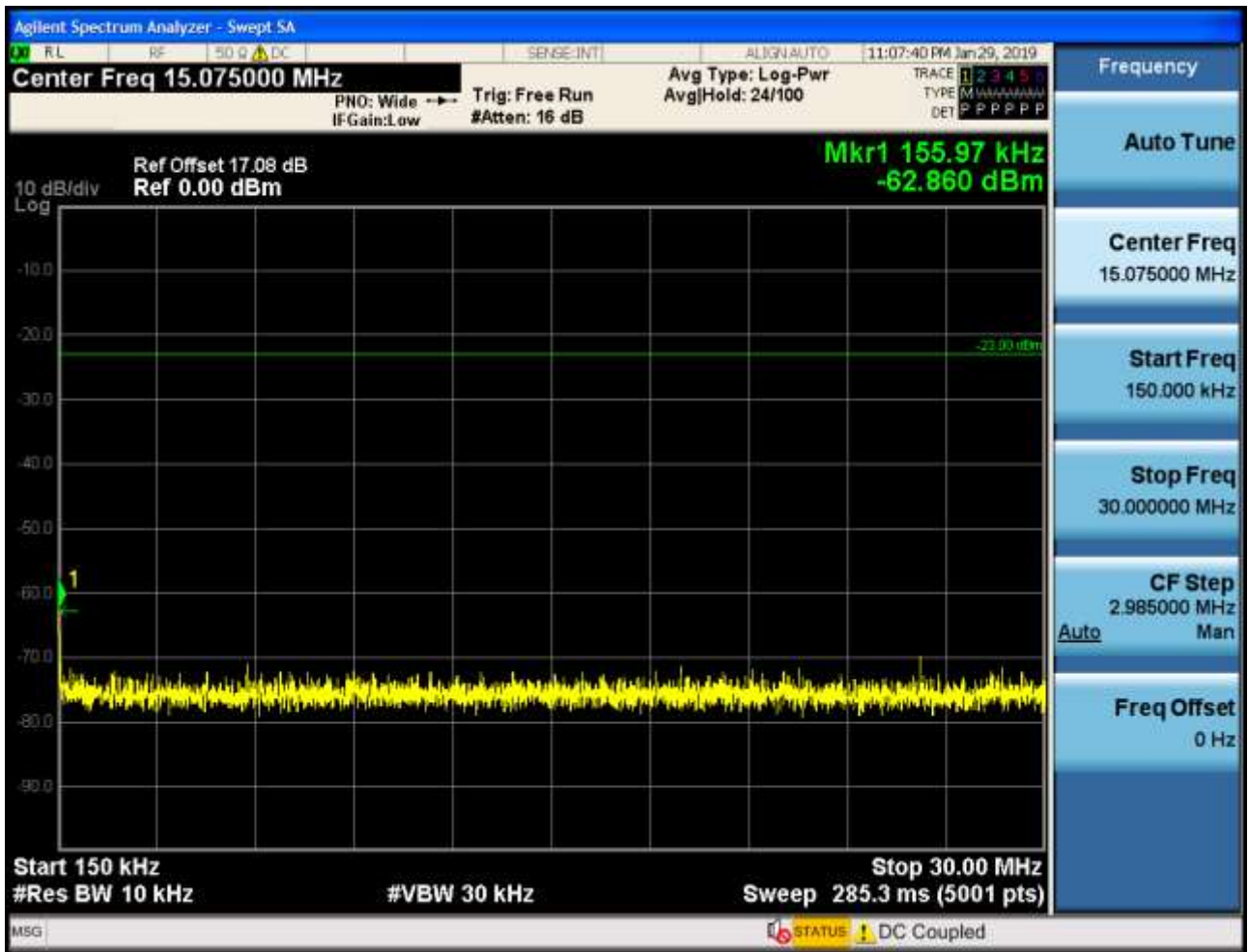


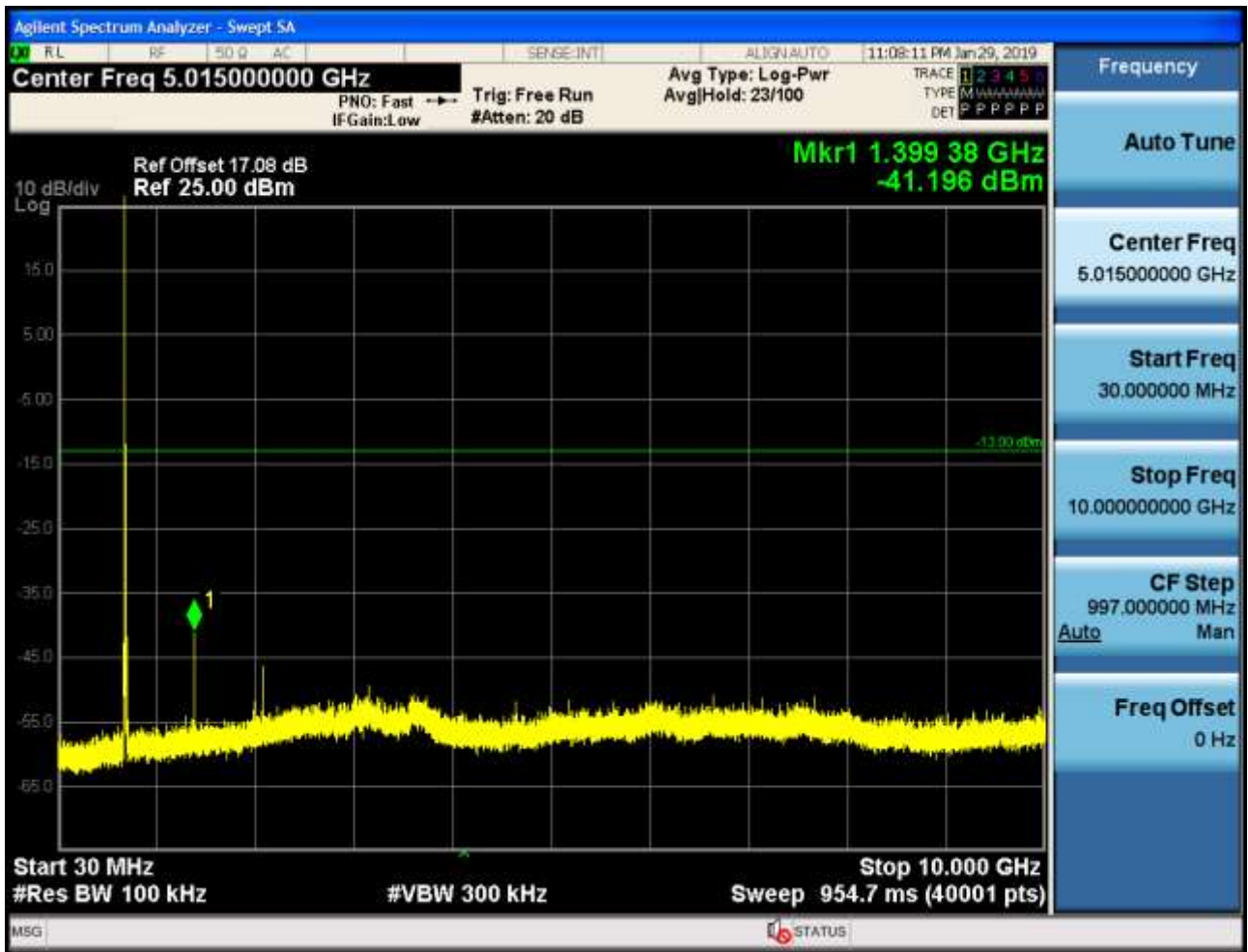
6.2.1.2.4 Test Bandwidth = 10

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0



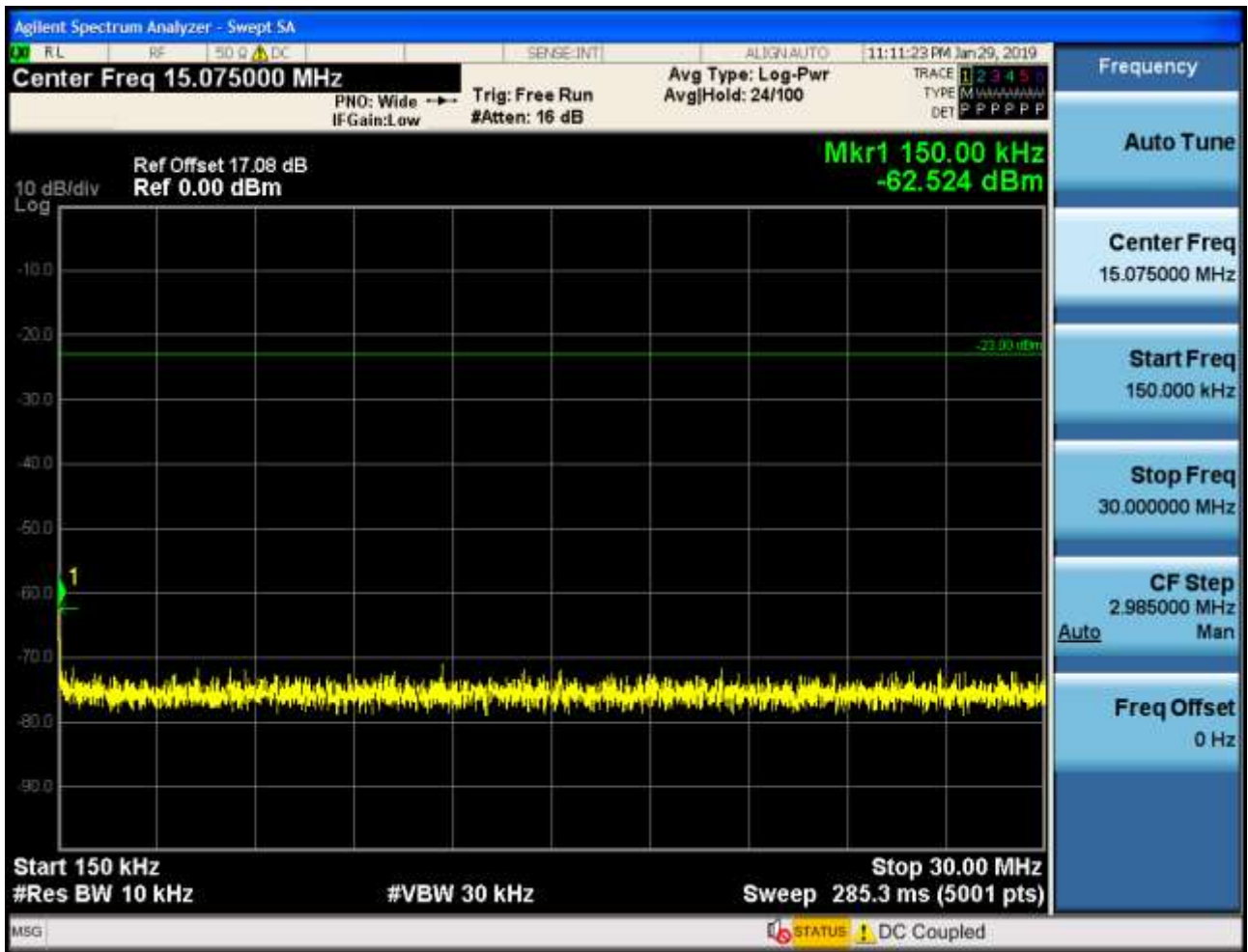


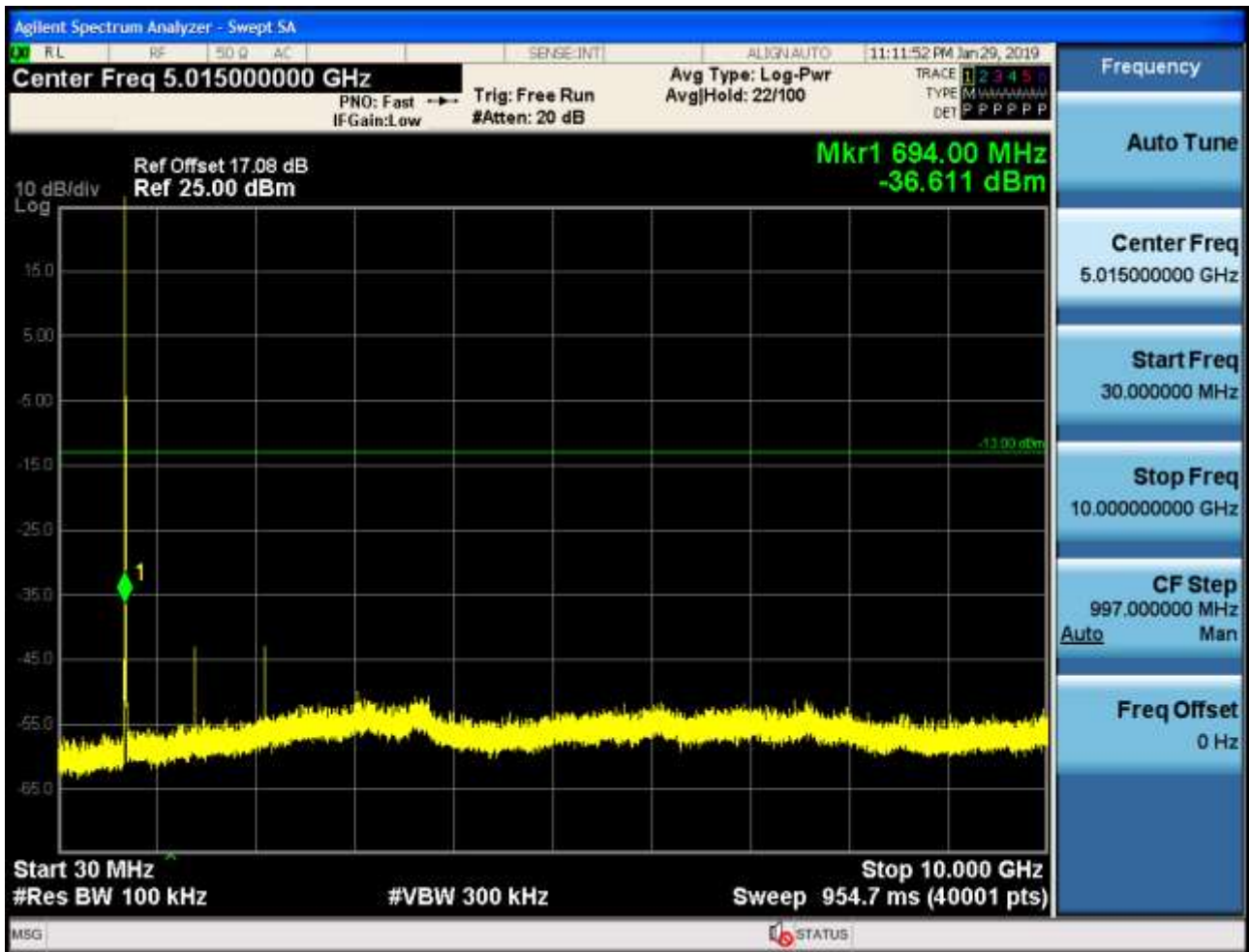


6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0



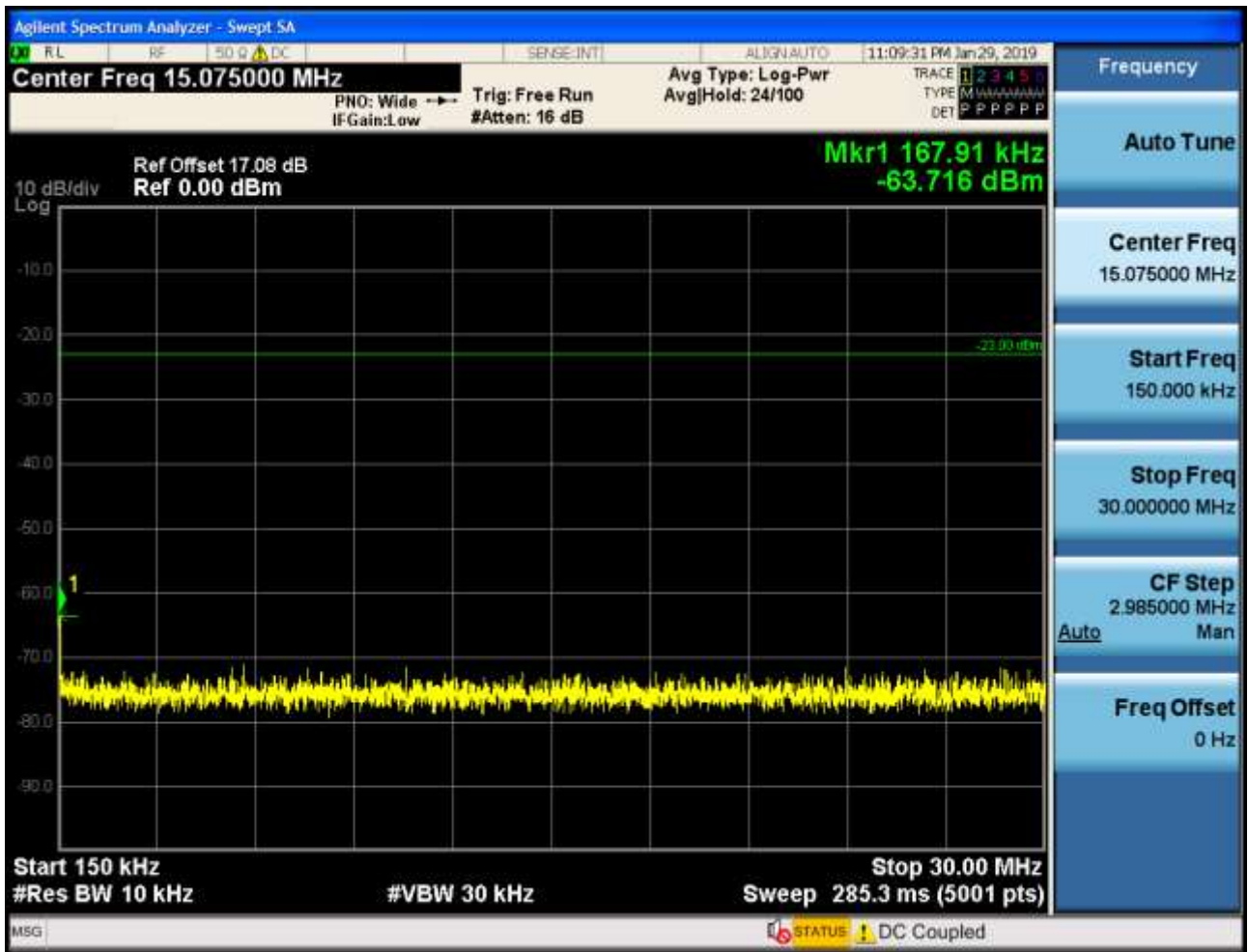


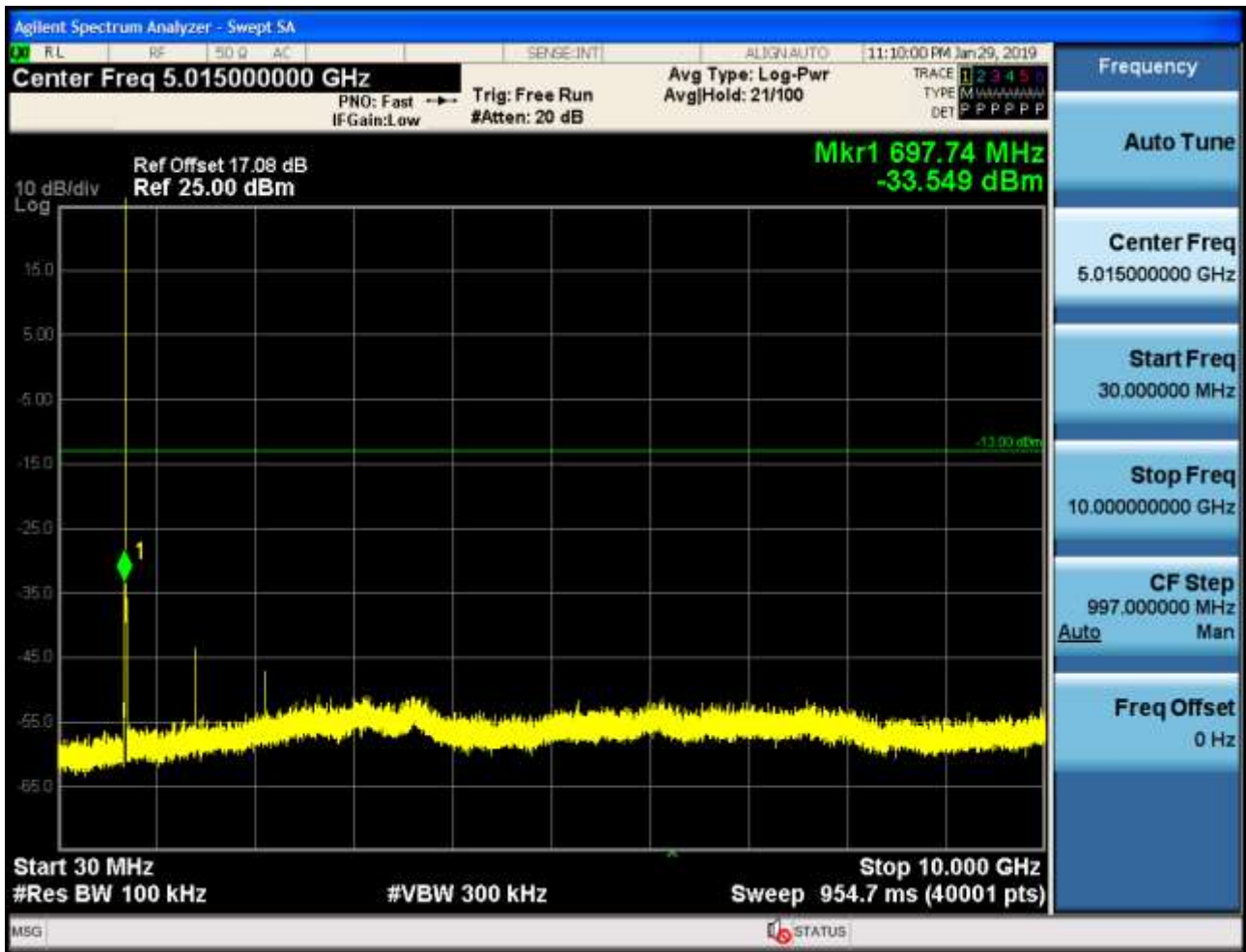


6.2.1.2.4.3 Test Channel = HCH

6.2.1.2.4.3.1 Test RB = RB1#0







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

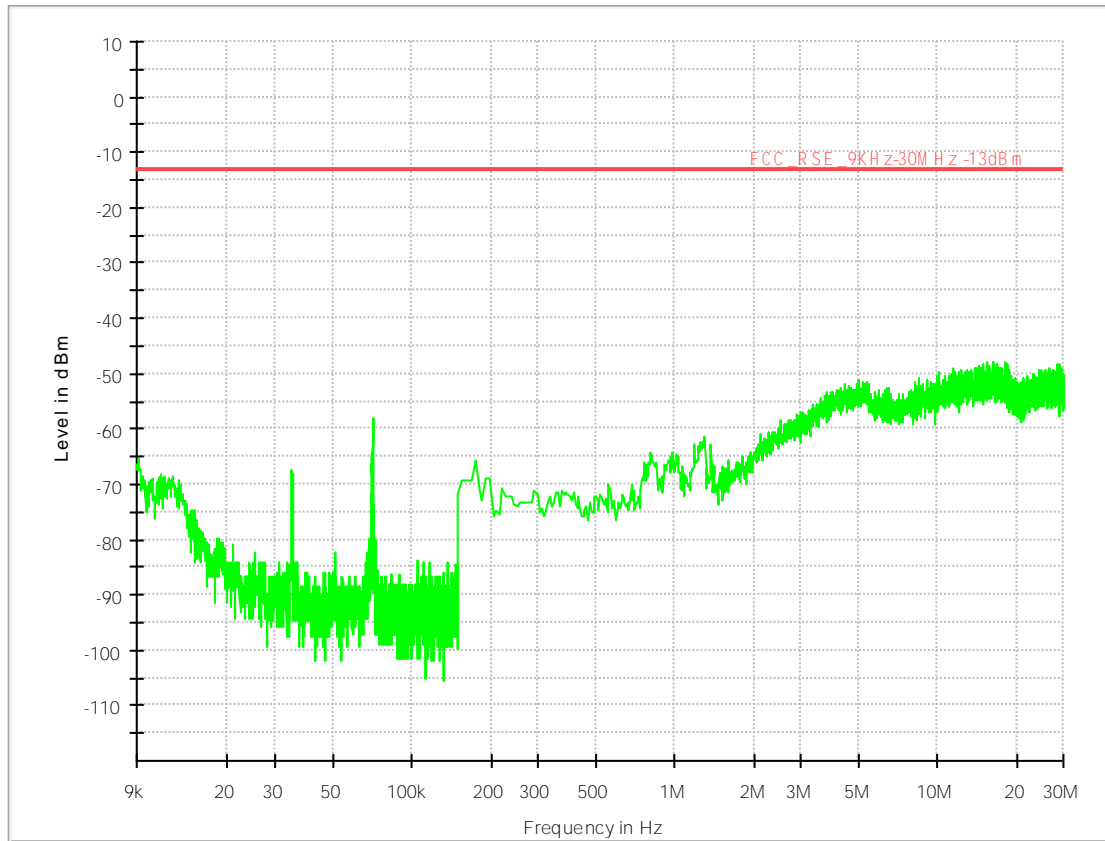
Part I - Test Plots

7.1 For LTE

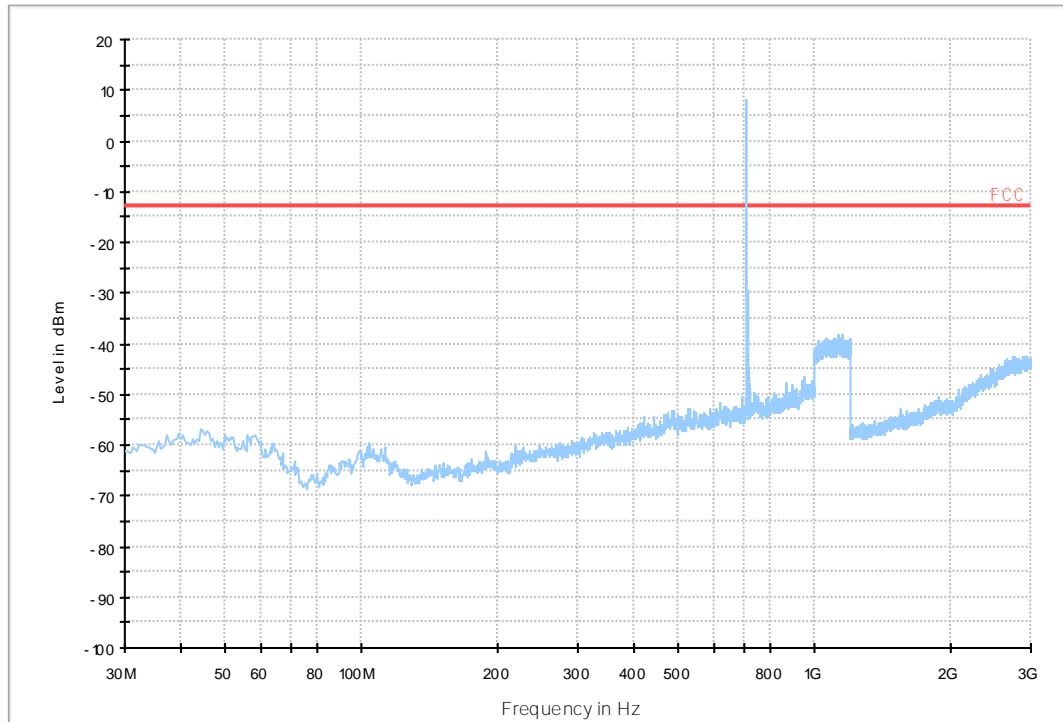
7.1.1 Test Band = Band12

7.1.1.1 Test Bandwidth = 1.4

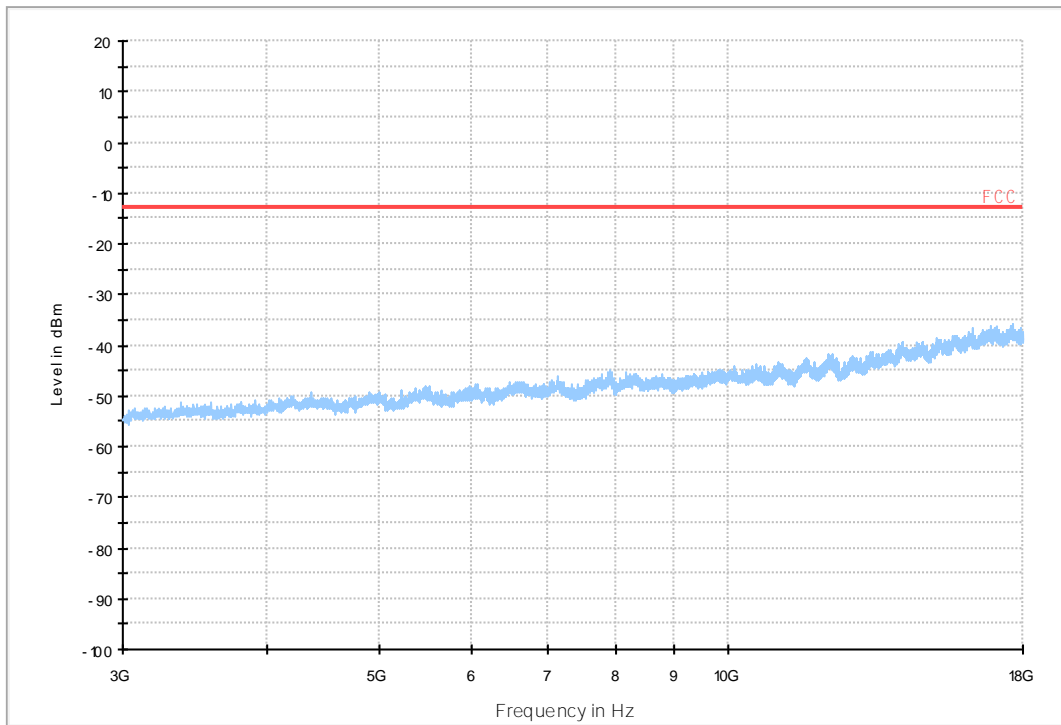
Band12/TM1_Ant1



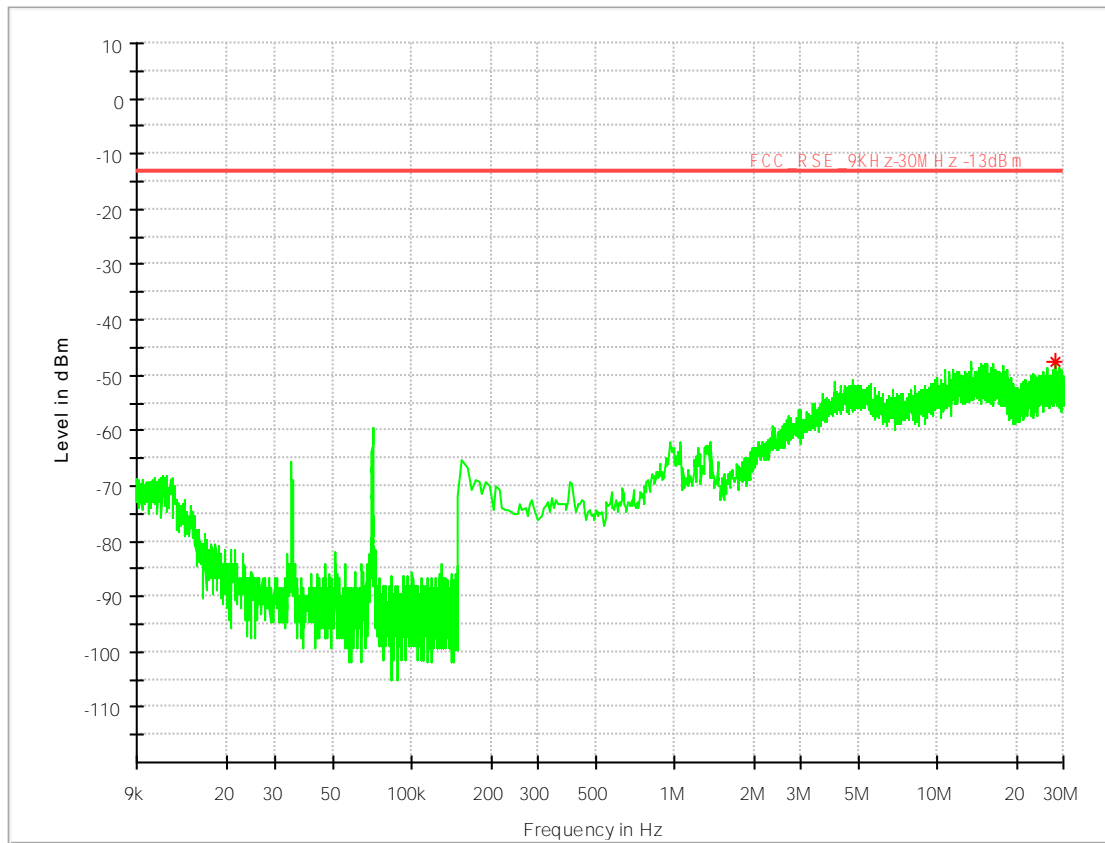
LTE FDD RSE-TX-DIRECT OR BELOW 1G_L



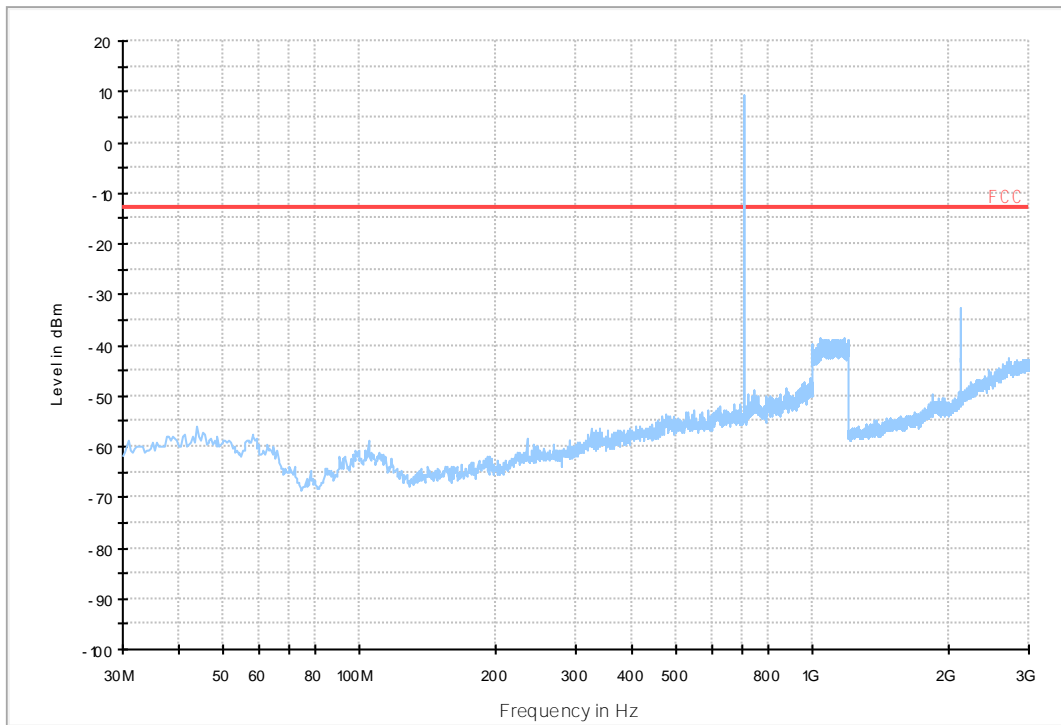
LTE FDD RSE-TX-DIRECTOR BELOW 1G_H



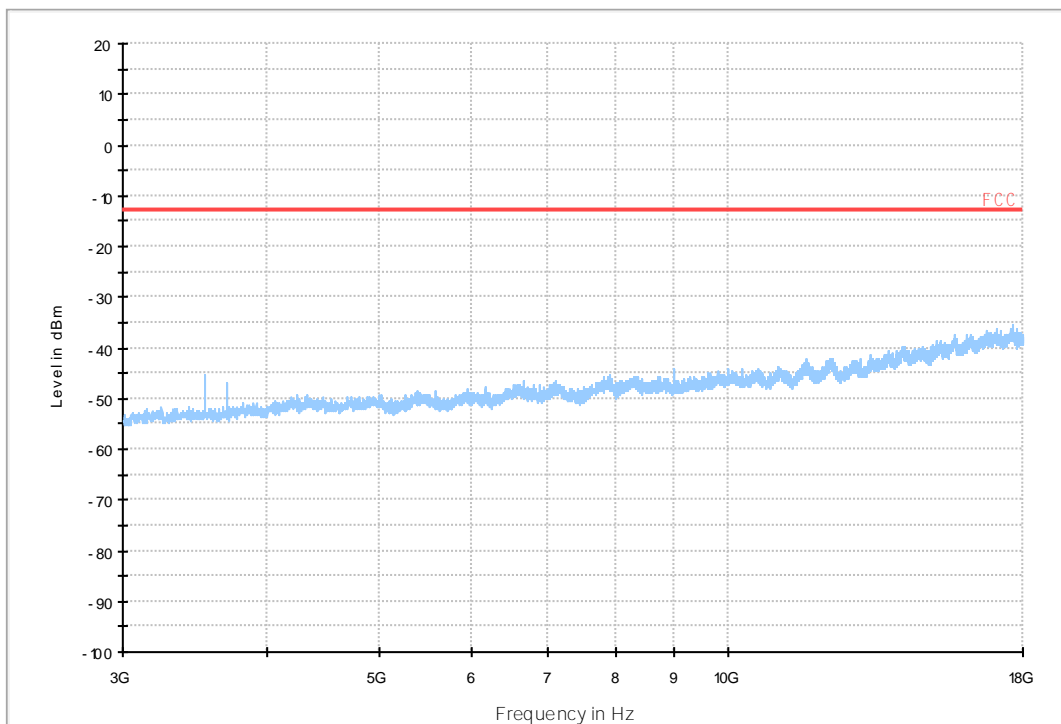
Band12/TM1_Ant2



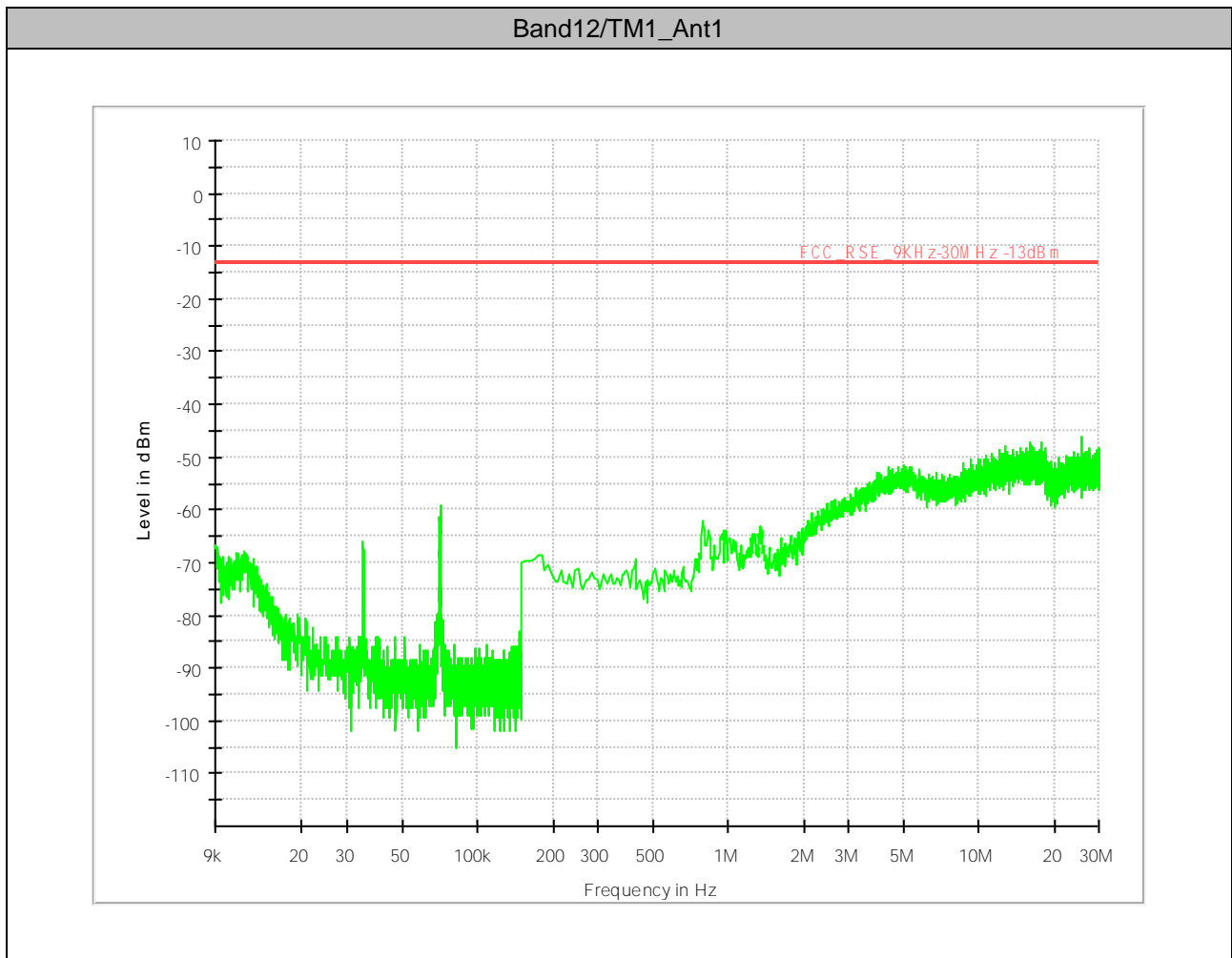
LT E FDD RSE-TX-DIRECTOR BELOW 1G_L



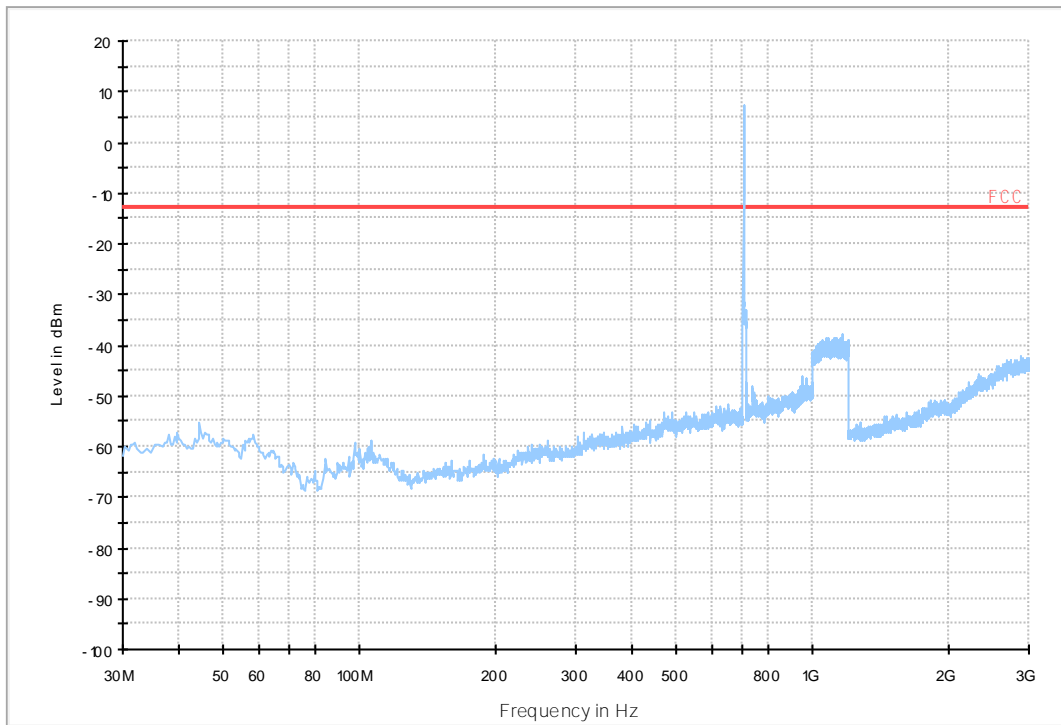
LT E FDD RSE-TX-DIRECTOR BELOW 1G_H



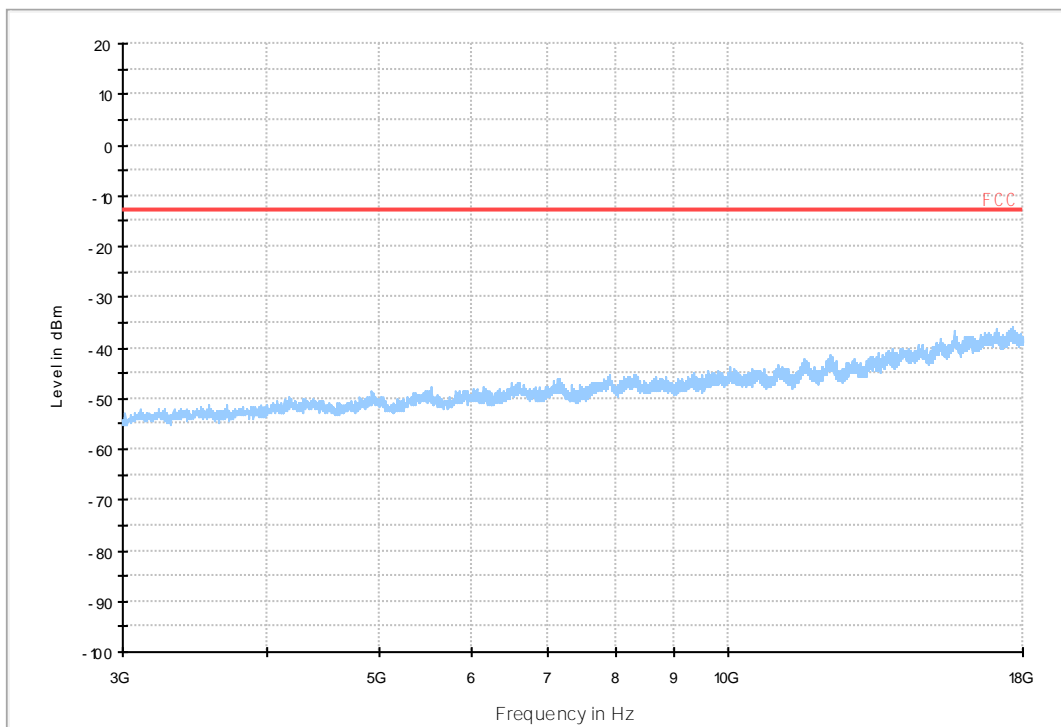
7.1.1.2 Test Bandwidth = 10



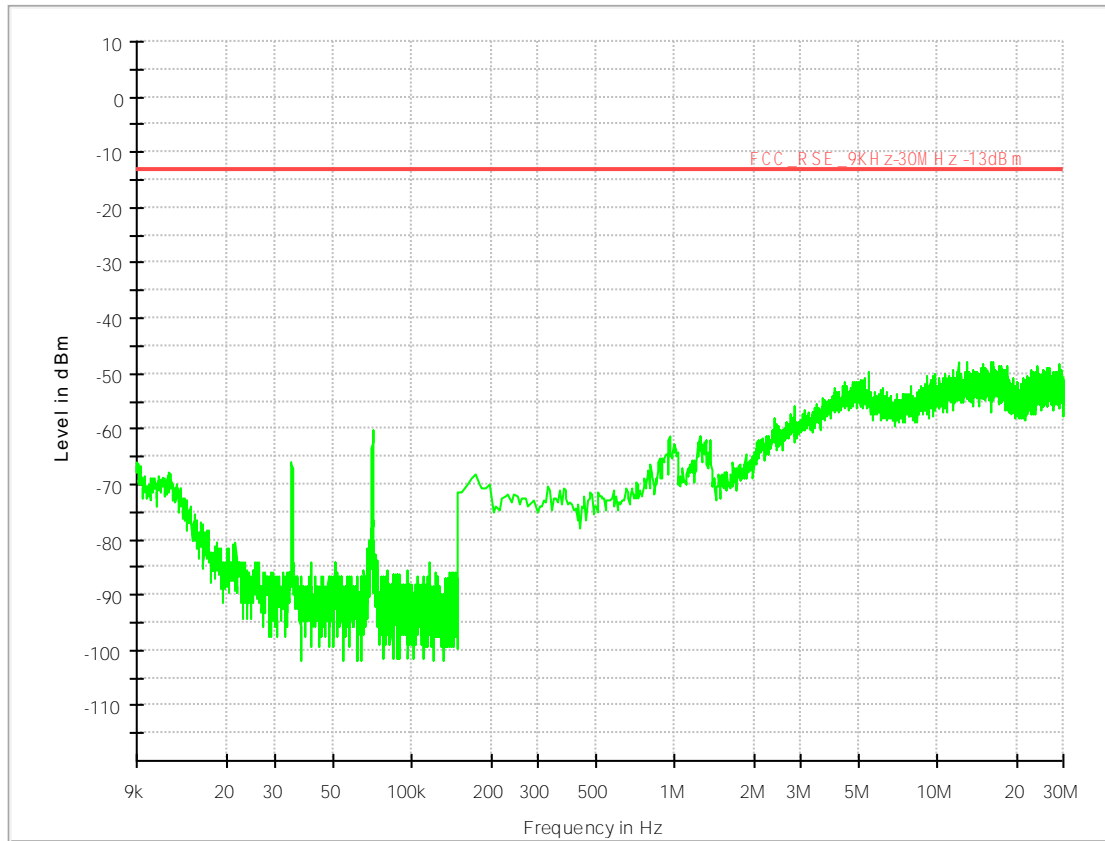
LT E FDD RSE-TX-DIRECTOR BELOW 1G_L



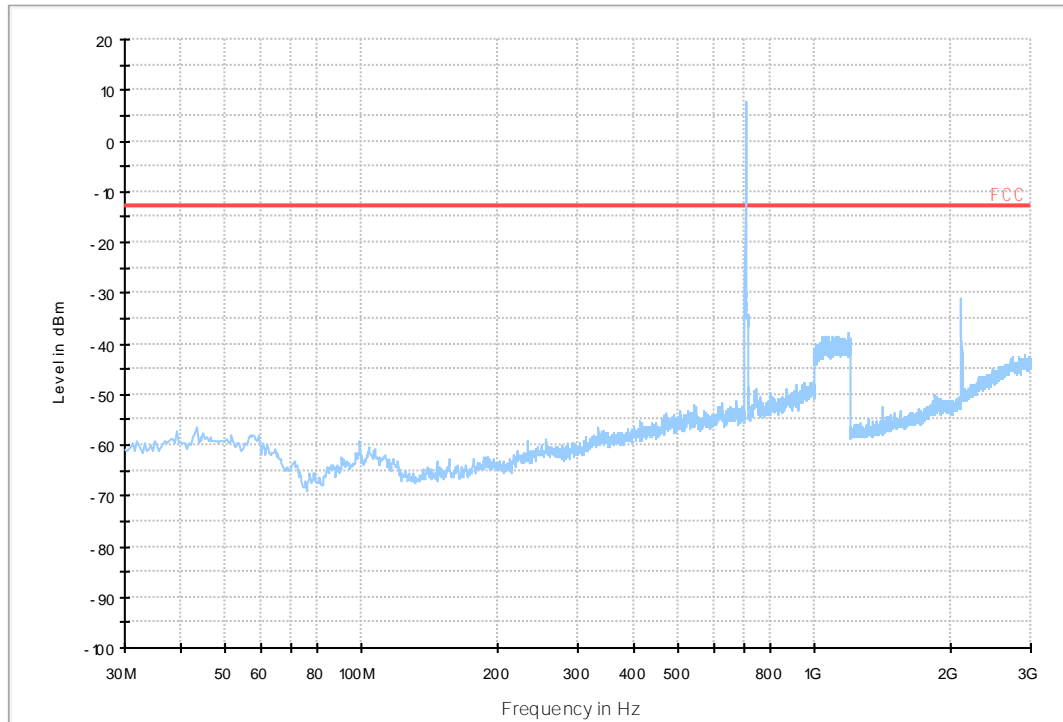
LT E FDD RSE-TX-DIRECTOR BELOW 1G_H

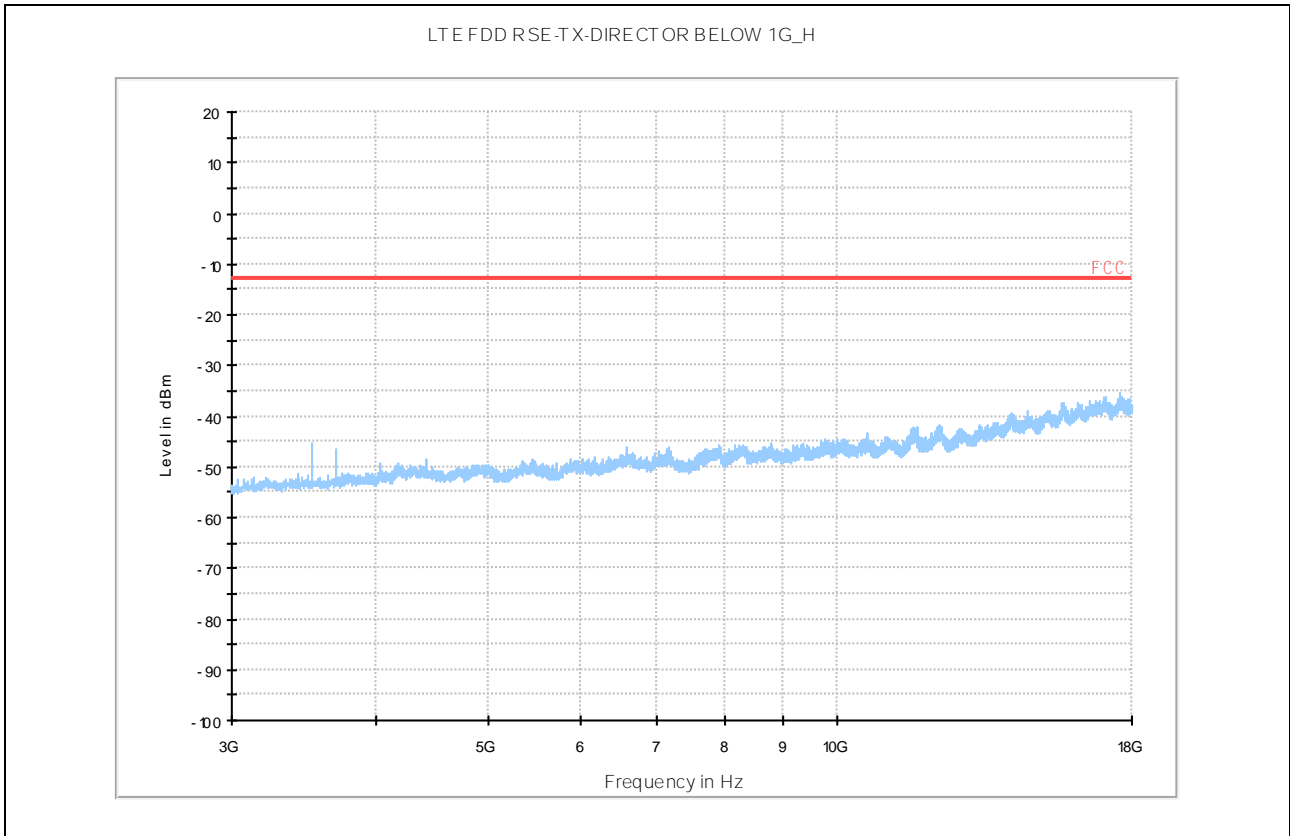


Band12/TM1_Ant2



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
Band12	LTE/TM1	1.4	LCH	TN	VL	-8.42571	-0.01204	PASS
					VN	1.13010	0.00162	PASS
					VH	-4.07696	-0.00583	PASS
			MCH	TN	VL	3.47614	0.00491	PASS
					VN	0.82970	0.00117	PASS
					VH	-0.35763	-0.00051	PASS
			HCH	TN	VL	4.01974	0.00562	PASS
					VN	-18.61095	-0.02602	PASS
					VH	1.90258	0.00266	PASS
		3	LCH	TN	VL	5.45025	0.00778	PASS
					VN	2.01702	0.00288	PASS
					VH	-4.63486	-0.00662	PASS
			MCH	TN	VL	1.35899	0.00192	PASS
					VN	7.12395	0.01007	PASS
					VH	-1.31607	-0.00186	PASS
			HCH	TN	VL	3.06129	0.00428	PASS
					VN	-0.05722	-0.00008	PASS
					VH	7.26700	0.01017	PASS
		5	LCH	TN	VL	8.35419	0.01191	PASS
					VN	0.54359	0.00077	PASS
					VH	1.98841	0.00283	PASS
			MCH	TN	VL	7.23839	0.01023	PASS
					VN	-0.84400	-0.00119	PASS
					VH	-0.97275	-0.00137	PASS
			HCH	TN	VL	3.93391	0.00551	PASS
					VN	-12.24518	-0.01716	PASS
					VH	-3.19004	-0.00447	PASS
		10	LCH	TN	VL	0.67234	0.00096	PASS
					VN	-0.77248	-0.00110	PASS
					VH	0.81539	0.00116	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	-0.07153	-0.00010	PASS
					VN	-6.15120	-0.00869	PASS
					VH	0.68665	0.00097	PASS
			HCH	TN	VL	-1.31607	-0.00185	PASS
					VN	-0.65804	-0.00093	PASS
					VH	-3.83377	-0.00539	PASS
		1.4	LCH	TN	VL	6.09398	0.00871	PASS
					VN	-8.98361	-0.01284	PASS
					VH	-0.41485	-0.00059	PASS
			MCH	TN	VL	3.80516	0.00538	PASS
					VN	-2.16007	-0.00305	PASS
					VH	2.24590	0.00317	PASS
			HCH	TN	VL	2.57492	0.00360	PASS
					VN	3.81947	0.00534	PASS
					VH	-0.31471	-0.00044	PASS
		3	LCH	TN	VL	-4.10557	-0.00586	PASS
					VN	-0.41485	-0.00059	PASS
					VH	1.85966	0.00265	PASS
			MCH	TN	VL	-3.91960	-0.00554	PASS
					VN	0.41485	0.00059	PASS
					VH	-7.45296	-0.01053	PASS
			HCH	TN	VL	-1.34468	-0.00188	PASS
					VN	2.37465	0.00332	PASS
					VH	-0.20027	-0.00028	PASS
		5	LCH	TN	VL	2.17438	0.00310	PASS
					VN	-5.02109	-0.00716	PASS
					VH	4.29153	0.00612	PASS
			MCH	TN	VL	-0.98705	-0.00140	PASS
					VN	2.73228	0.00386	PASS
					VH	-4.66347	-0.00659	PASS
			HCH	TN	VL	5.27859	0.00740	PASS
					VN	0.85831	0.00120	PASS
					VH	-0.88692	-0.00124	PASS
		10	LCH	TN	VL	-4.49181	-0.00638	PASS
					VN	-0.50068	-0.00071	PASS
					VH	-1.80244	-0.00256	PASS
			MCH	TN	VL	0.00000	0.00000	PASS
					VN	1.41621	0.00200	PASS
					VH			

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	-0.37193	-0.00053	PASS
			HCH	TN	VL	0.20027	0.00028	PASS
					VN	-0.68665	-0.00097	PASS
					VH	-1.01566	-0.00143	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
Band12	LTE/TM1	1.4	LCH	VN	-30	-5.27859	-0.00754	PASS
					-20	-1.93119	-0.00276	PASS
					-10	-3.73364	-0.00534	PASS
					0	-16.17908	-0.02312	PASS
					10	-6.73771	-0.00963	PASS
					20	1.13010	0.00162	PASS
					30	1.28746	0.00184	PASS
					40	4.92096	0.00703	PASS
					50	-0.35763	-0.00051	PASS
			MCH	VN	-30	-1.27316	-0.00180	PASS
					-20	13.03196	0.01842	PASS
					-10	5.55039	0.00785	PASS
					0	-1.05858	-0.00150	PASS
					10	-1.97411	-0.00279	PASS
					20	0.82970	0.00117	PASS
					30	8.92639	0.01262	PASS
					40	5.37872	0.00760	PASS
					50	11.77311	0.01664	PASS
			HCH	VN	-30	-8.42571	-0.01178	PASS
					-20	-0.18597	-0.00026	PASS
					-10	0.18597	0.00026	PASS
					0	-1.58787	-0.00222	PASS
					10	-11.71589	-0.01638	PASS
					20	-18.61095	-0.02602	PASS
		30			1.93119	0.00270	PASS	
		40			-5.65052	-0.00790	PASS	
		50			8.62598	0.01206	PASS	
		3	LCH	VN	-30	-5.09262	-0.00727	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	-3.36170	-0.00480	PASS	
					-10	2.70367	0.00386	PASS	
					0	-39.29615	-0.05610	PASS	
					10	-2.77519	-0.00396	PASS	
					20	2.01702	0.00288	PASS	
					30	-10.88619	-0.01554	PASS	
					40	-0.97275	-0.00139	PASS	
					50	2.83241	0.00404	PASS	
			MCH	VN	-30	0.20027	0.00028	PASS	
					-20	1.64509	0.00233	PASS	
					-10	3.00407	0.00425	PASS	
					0	-2.33173	-0.00330	PASS	
					10	-0.14305	-0.00020	PASS	
					20	7.12395	0.01007	PASS	
					30	-0.95844	-0.00135	PASS	
					40	2.61784	0.00370	PASS	
			HCH	VN	-30	4.92096	0.00689	PASS	
					-20	6.00815	0.00841	PASS	
					-10	1.81675	0.00254	PASS	
					0	0.31471	0.00044	PASS	
					10	-0.21458	-0.00030	PASS	
					20	-0.05722	-0.00008	PASS	
					30	7.12395	0.00997	PASS	
					40	1.18732	0.00166	PASS	
			5	LCH	VN	-30	2.04563	0.00292	PASS
						-20	-5.32150	-0.00759	PASS
						-10	-4.19140	-0.00597	PASS
						0	18.53943	0.02643	PASS
						10	-6.02245	-0.00859	PASS
						20	0.54359	0.00077	PASS
						30	0.22888	0.00033	PASS
						40	3.79086	0.00540	PASS
				50	-1.05858	-0.00151	PASS		
				MCH	VN	-30	2.16007	0.00305	PASS
						-20	1.20163	0.00170	PASS
						-10	3.89099	0.00550	PASS
			0			0.81539	0.00115	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					10	1.04427	0.00148	PASS	
					20	-0.84400	-0.00119	PASS	
					30	1.15871	0.00164	PASS	
					40	1.38760	0.00196	PASS	
					50	-5.17845	-0.00732	PASS	
			HCH	VN	-30	1.74522	0.00245	PASS	
					-20	2.70367	0.00379	PASS	
					-10	2.00272	0.00281	PASS	
					0	-0.42915	-0.00060	PASS	
					10	4.79221	0.00672	PASS	
					20	-12.24518	-0.01716	PASS	
					30	0.85831	0.00120	PASS	
					40	-2.51770	-0.00353	PASS	
					50	-2.14577	-0.00301	PASS	
			10	LCH	VN	-30	-1.50204	-0.00213	PASS
						-20	-7.12395	-0.01012	PASS
						-10	-1.53065	-0.00217	PASS
						0	-3.57628	-0.00508	PASS
		10				-3.27587	-0.00465	PASS	
		20				-0.77248	-0.00110	PASS	
		30				-1.04427	-0.00148	PASS	
		40				-1.10149	-0.00156	PASS	
		50				-1.04427	-0.00148	PASS	
		MCH		VN	-30	0.41485	0.00059	PASS	
					-20	-0.04292	-0.00006	PASS	
					-10	2.96116	0.00419	PASS	
					0	-0.15736	-0.00022	PASS	
					10	-2.73228	-0.00386	PASS	
					20	-6.15120	-0.00869	PASS	
					30	0.12875	0.00018	PASS	
					40	0.14305	0.00020	PASS	
					50	-0.64373	-0.00091	PASS	
		HCH	VN	-30	-11.32965	-0.01593	PASS		
				-20	-7.05242	-0.00992	PASS		
				-10	-7.79629	-0.01097	PASS		
				0	0.32902	0.00046	PASS		
				10	-4.24862	-0.00598	PASS		
				20	-0.65804	-0.00093	PASS		
				30	-1.00136	-0.00141	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	-7.52449	-0.01058	PASS
					50	-1.23024	-0.00173	PASS
					-30	6.17981	0.00883	PASS
					-20	-0.54359	-0.00078	PASS
					-10	4.07696	0.00583	PASS
					0	-11.40118	-0.01629	PASS
					10	-7.82490	-0.01118	PASS
					20	-8.98361	-0.01284	PASS
					30	2.10285	0.00301	PASS
					40	-8.55446	-0.01223	PASS
			50	-1.31607	-0.00188	PASS		
			MCH	VN	-30	-8.52585	-0.01205	PASS
					-20	7.66754	0.01084	PASS
					-10	0.10014	0.00014	PASS
					0	-4.70638	-0.00665	PASS
					10	-5.42164	-0.00766	PASS
					20	-2.16007	-0.00305	PASS
					30	8.33988	0.01179	PASS
					40	7.62463	0.01078	PASS
					50	-4.66347	-0.00659	PASS
		HCH			VN	-30	0.90122	0.00126
			-20	-3.37601		-0.00472	PASS	
			-10	-6.60896		-0.00924	PASS	
			0	15.95020		0.02230	PASS	
			10	-10.68592		-0.01494	PASS	
			20	3.81947		0.00534	PASS	
			30	2.80380		0.00392	PASS	
			40	-0.31471		-0.00044	PASS	
		50	-0.37193	-0.00052	PASS			
		3	LCH	VN	-30	-0.30041	-0.00043	PASS
					-20	-1.43051	-0.00204	PASS
					-10	3.11851	0.00445	PASS
					0	-30.08366	-0.04295	PASS
					10	-4.37737	-0.00625	PASS
					20	-0.41485	-0.00059	PASS
					30	1.83106	0.00261	PASS
					40	0.30041	0.00043	PASS
					50	1.64509	0.00235	PASS
					MCH	VN	-30	4.54903

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	1.38760	0.00196	PASS
					-10	1.34468	0.00190	PASS
					0	-0.41485	-0.00059	PASS
					10	-0.57220	-0.00081	PASS
					20	0.41485	0.00059	PASS
					30	-2.23160	-0.00315	PASS
					40	-2.51770	-0.00356	PASS
					50	-0.77248	-0.00109	PASS
			HCH	VN	-30	0.28610	0.00040	PASS
					-20	0.24319	0.00034	PASS
					-10	-6.02245	-0.00843	PASS
					0	-5.09262	-0.00713	PASS
					10	1.08719	0.00152	PASS
					20	2.37465	0.00332	PASS
					30	9.35554	0.01309	PASS
					40	2.05994	0.00288	PASS
		50	0.25749	0.00036	PASS			
		5	LCH	VN	-30	-1.18732	-0.00169	PASS
					-20	-6.63757	-0.00946	PASS
					-10	-1.45912	-0.00208	PASS
					0	18.98289	0.02706	PASS
					10	-0.51498	-0.00073	PASS
					20	-5.02109	-0.00716	PASS
					30	-0.02861	-0.00004	PASS
					40	-1.63078	-0.00232	PASS
			50	1.85966	0.00265	PASS		
			MCH	VN	-30	-6.30856	-0.00892	PASS
					-20	-2.10285	-0.00297	PASS
					-10	0.11444	0.00016	PASS
					0	-3.94821	-0.00558	PASS
					10	1.00136	0.00142	PASS
					20	2.73228	0.00386	PASS
					30	0.15736	0.00022	PASS
		40			2.98977	0.00423	PASS	
		50	-0.45776	-0.00065	PASS			
		HCH	VN	-30	3.51906	0.00493	PASS	
				-20	-0.37193	-0.00052	PASS	
				-10	2.73228	0.00383	PASS	
				0	2.11716	0.00297	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					10	-2.54631	-0.00357	PASS			
					20	0.85831	0.00120	PASS			
					30	-2.27451	-0.00319	PASS			
					40	1.64509	0.00231	PASS			
					50	-2.61784	-0.00367	PASS			
					10	LCH	VN	-30	0.04292	0.00006	PASS
								-20	0.38624	0.00055	PASS
								-10	-3.27587	-0.00465	PASS
								0	5.33581	0.00758	PASS
								10	-0.08583	-0.00012	PASS
		20	-0.50068	-0.00071				PASS			
		30	-1.78814	-0.00254				PASS			
		40	4.27723	0.00608				PASS			
		50	0.71526	0.00102				PASS			
		10	MCH	VN				-30	-5.46455	-0.00772	PASS
					-20	-0.50068	-0.00071	PASS			
					-10	1.08719	0.00154	PASS			
					0	2.97546	0.00421	PASS			
					10	-0.37193	-0.00053	PASS			
					20	1.41621	0.00200	PASS			
					30	0.21458	0.00030	PASS			
					40	-0.98705	-0.00140	PASS			
					50	-1.95980	-0.00277	PASS			
					10	HCH	VN	-30	-0.58651	-0.00082	PASS
		-20	-6.40869	-0.00901				PASS			
		-10	-0.02861	-0.00004				PASS			
		0	-0.45776	-0.00064				PASS			
		10	0.37193	0.00052				PASS			
		20	-0.68665	-0.00097				PASS			
		30	1.90258	0.00268				PASS			
40	-0.31471	-0.00044	PASS								
50	-1.64509	-0.00231	PASS								

END