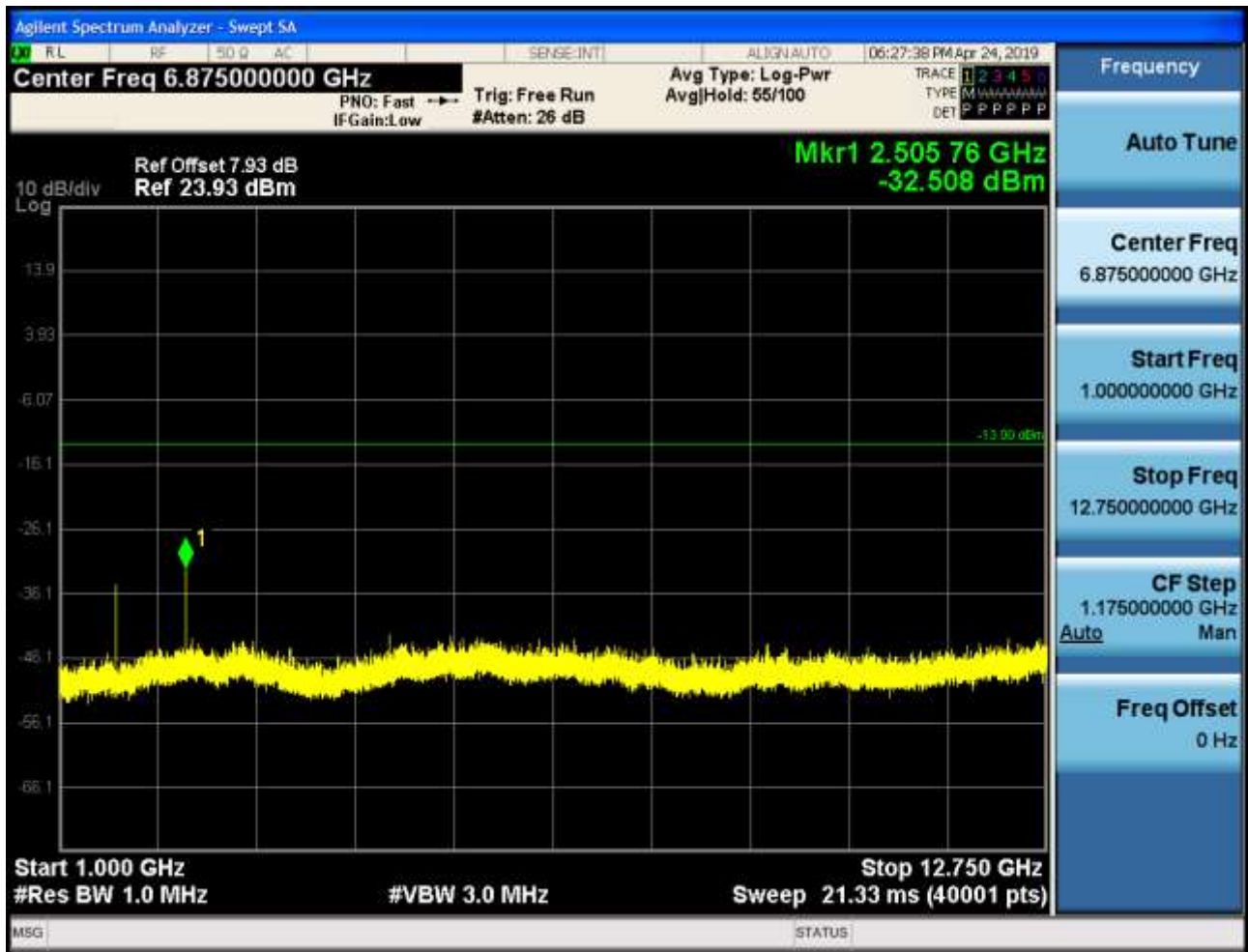
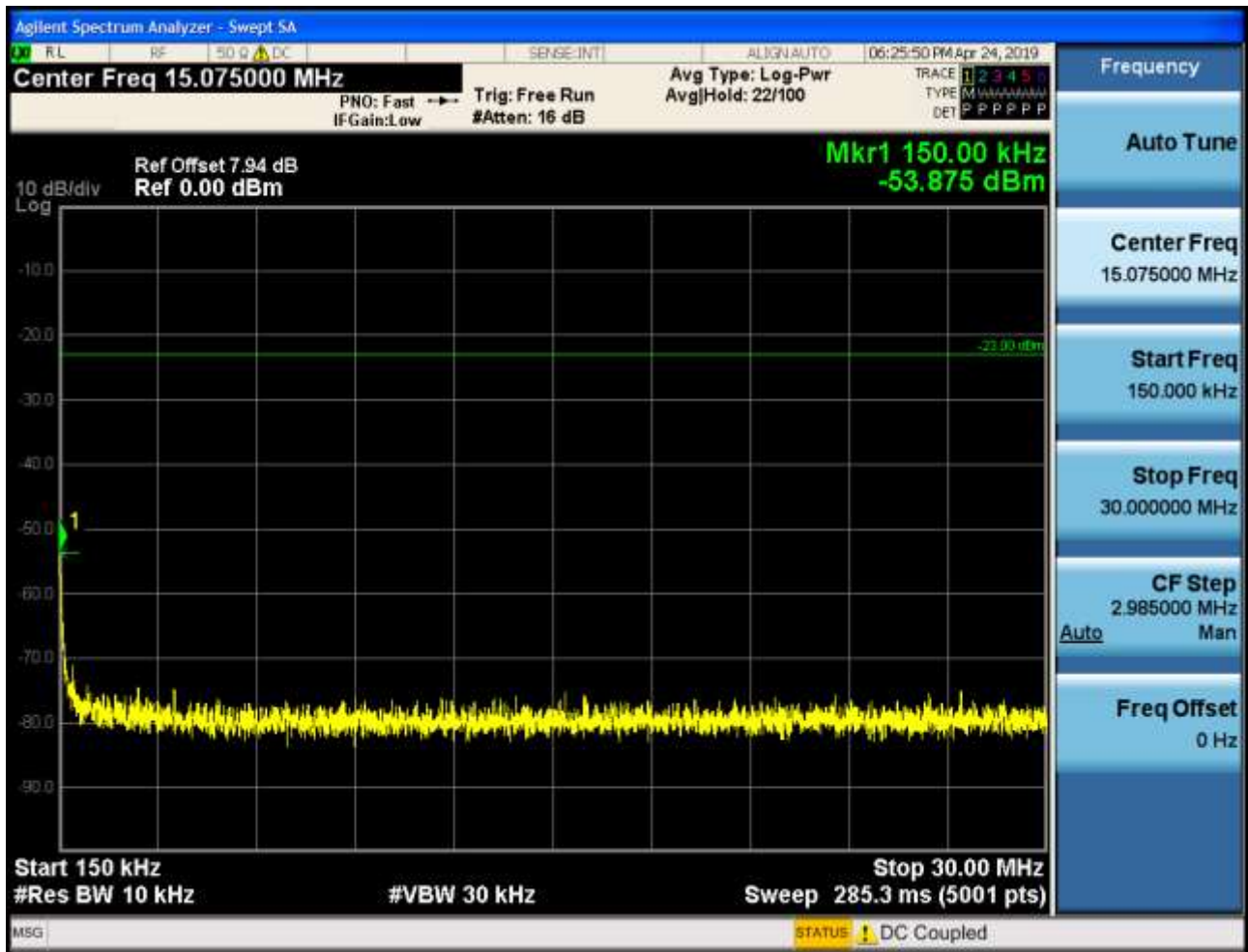


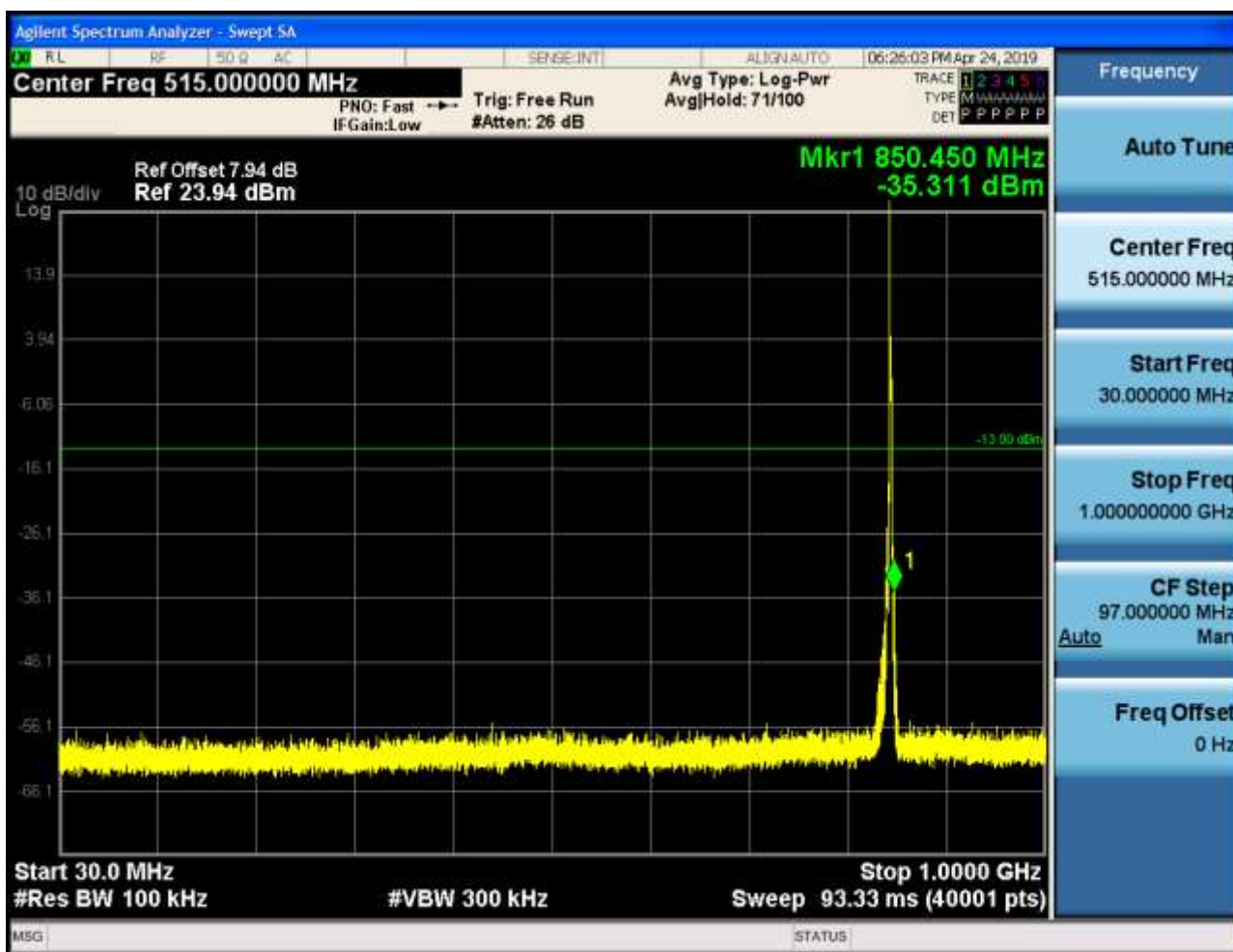


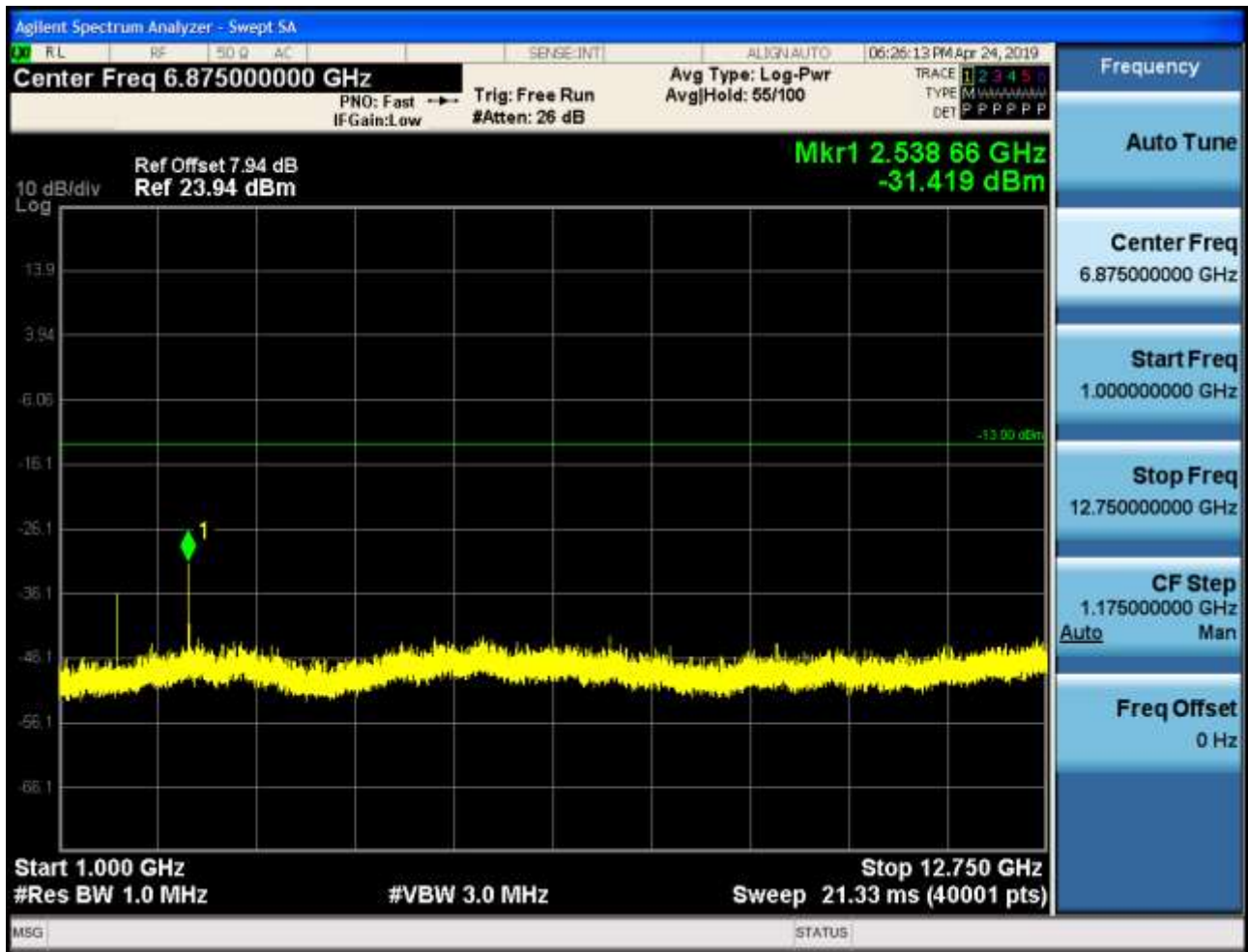
6.2.1.1.2.3 Test Channel = HCH

6.2.1.1.2.3.1 Test RB = RB1#0







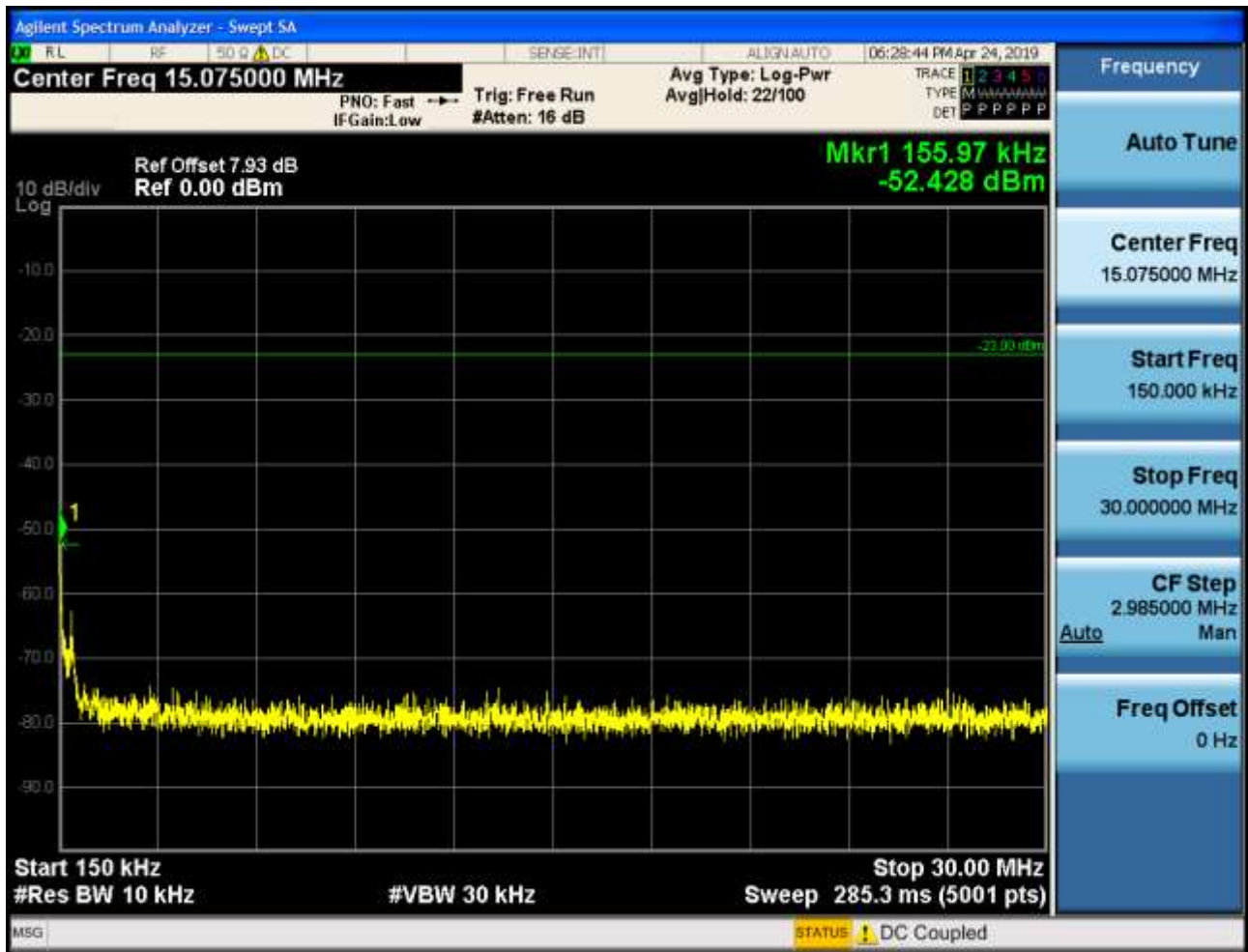


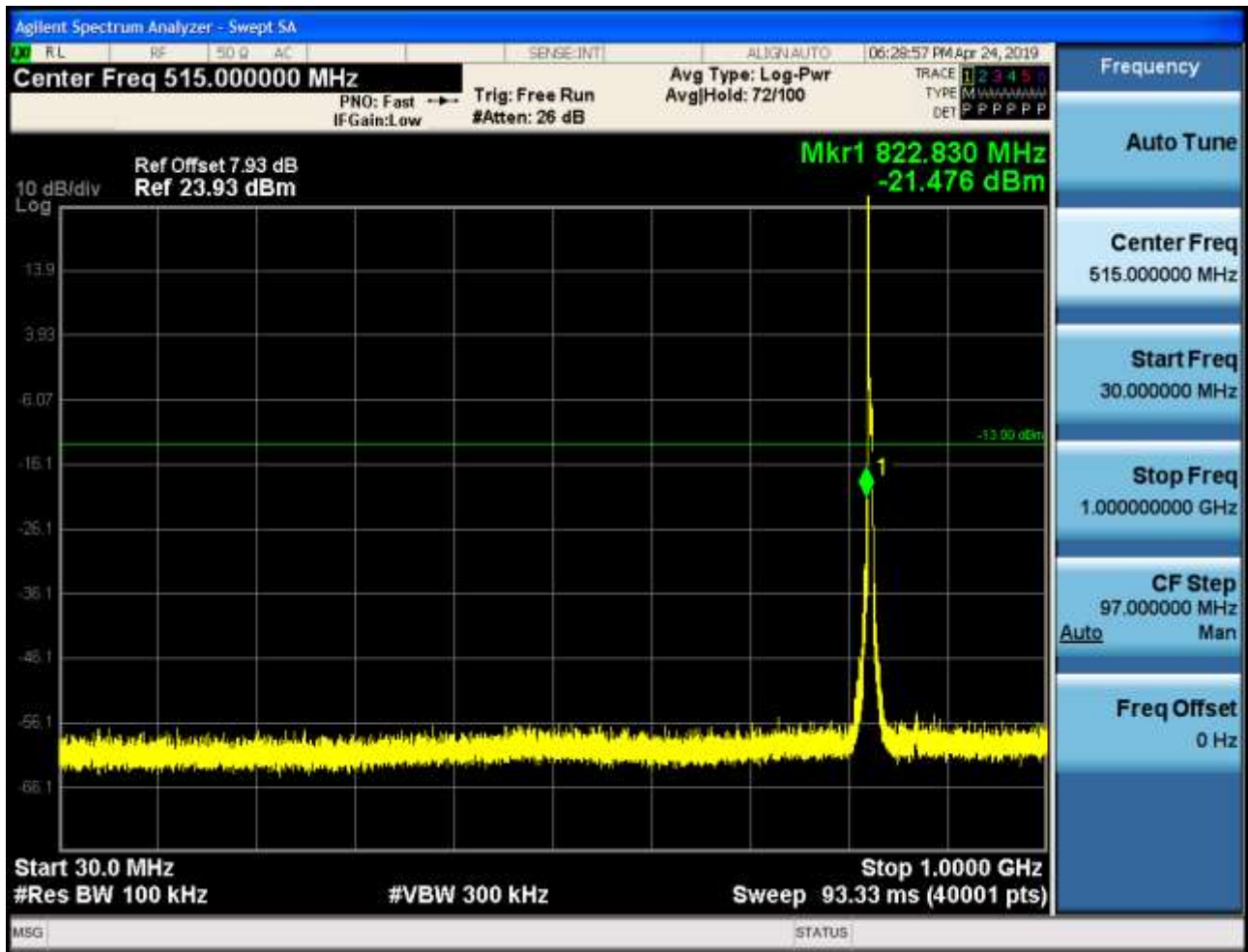
6.2.1.1.3 Test Bandwidth = 5

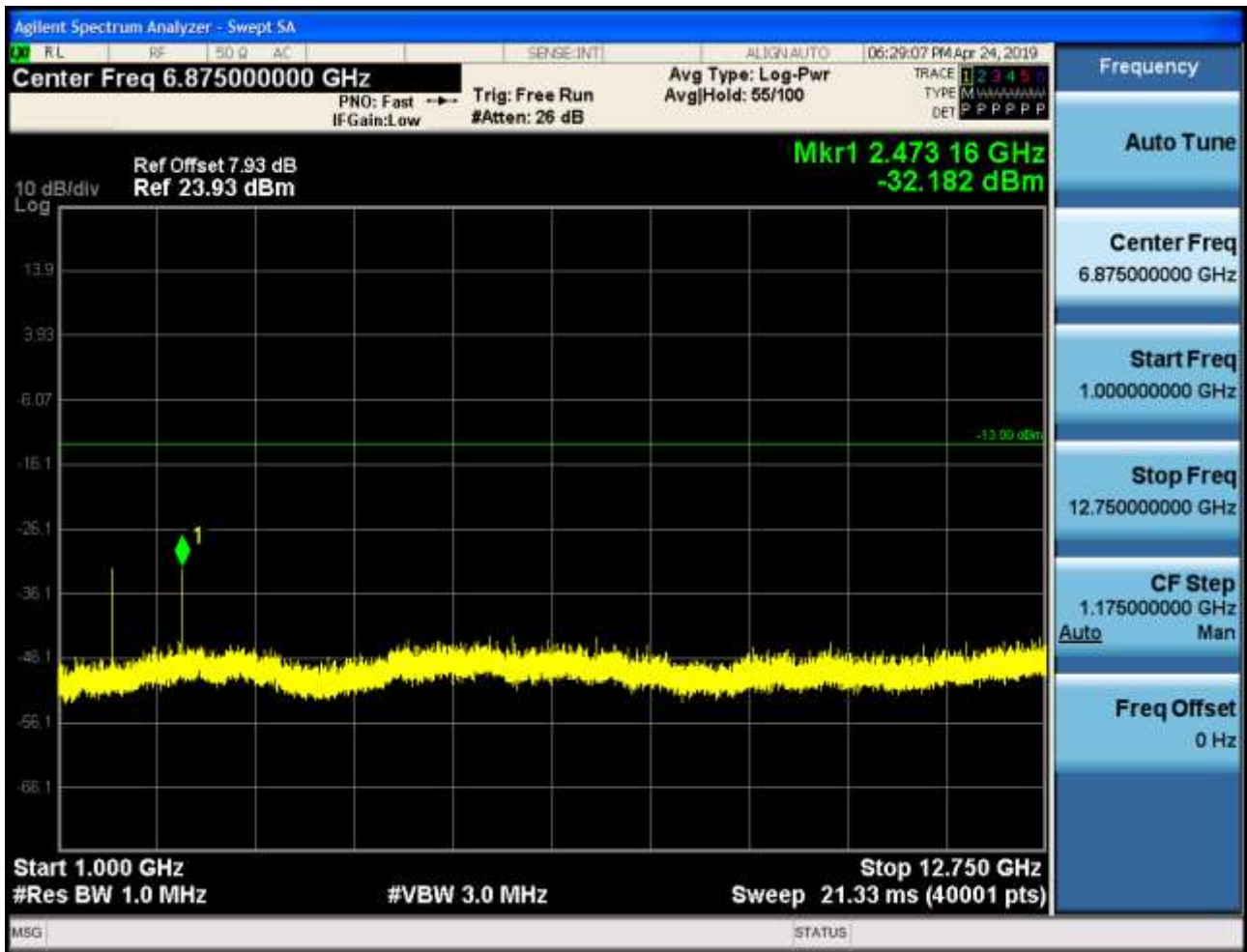
6.2.1.1.3.1 Test Channel = LCH

6.2.1.1.3.1.1 Test RB = RB1#0





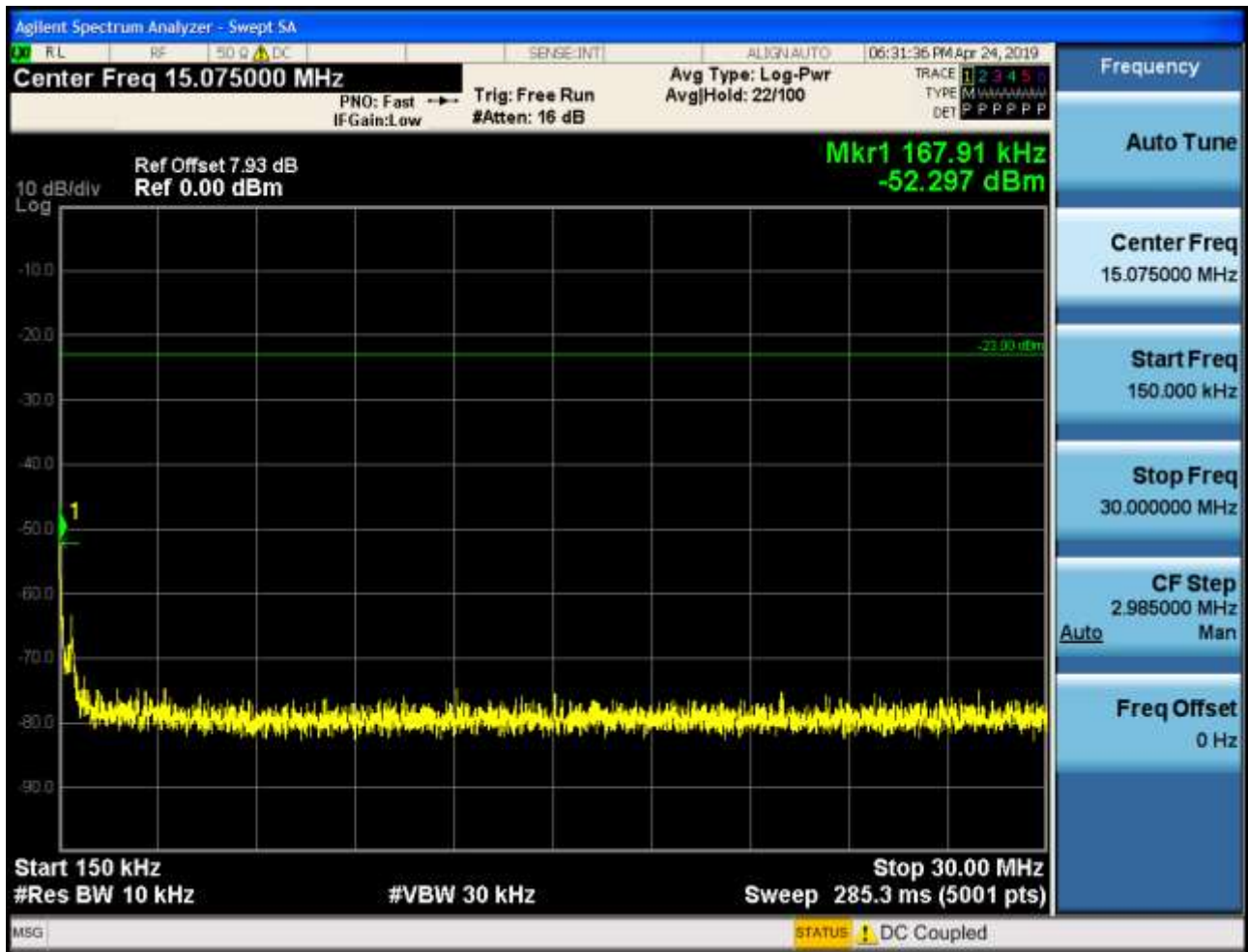


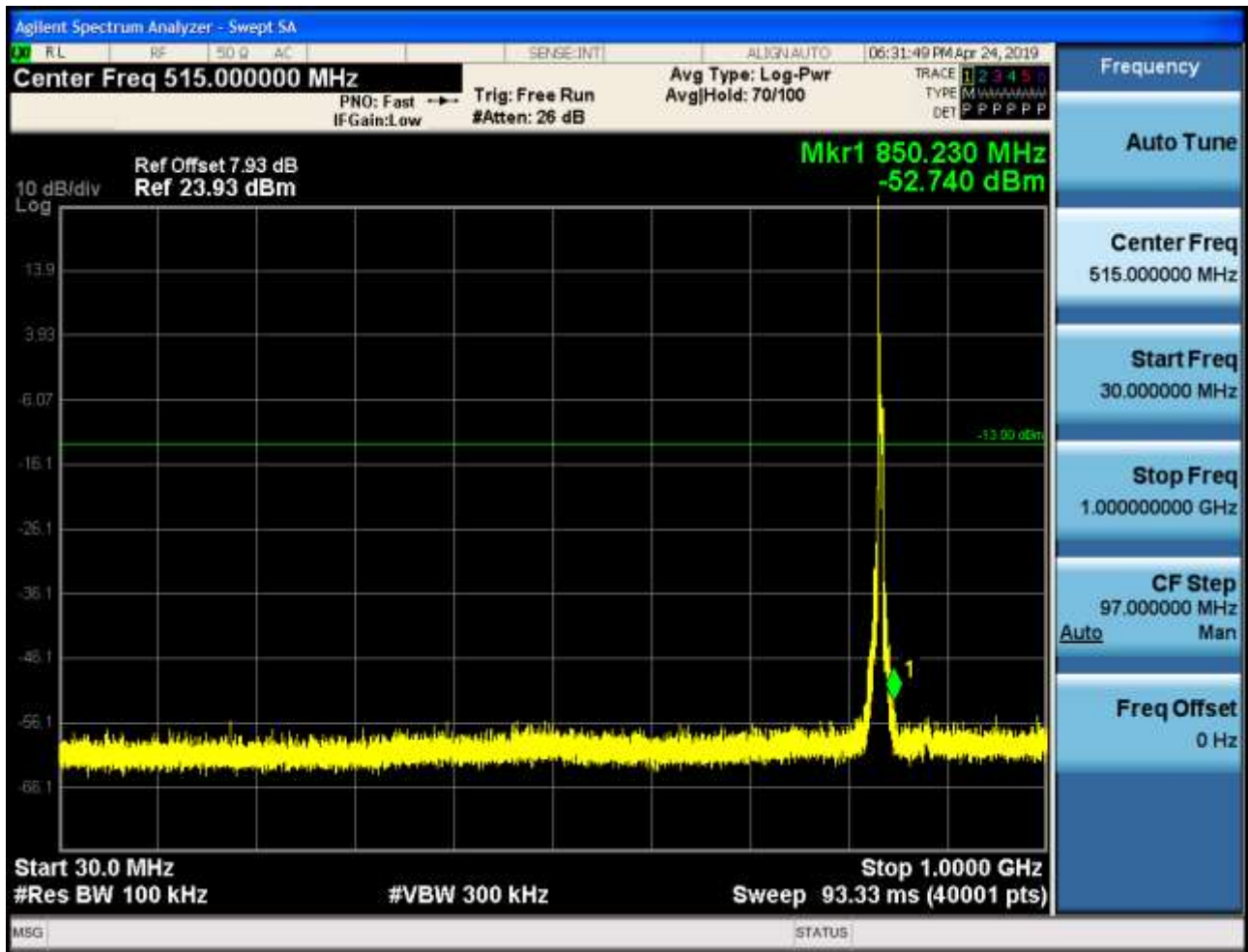


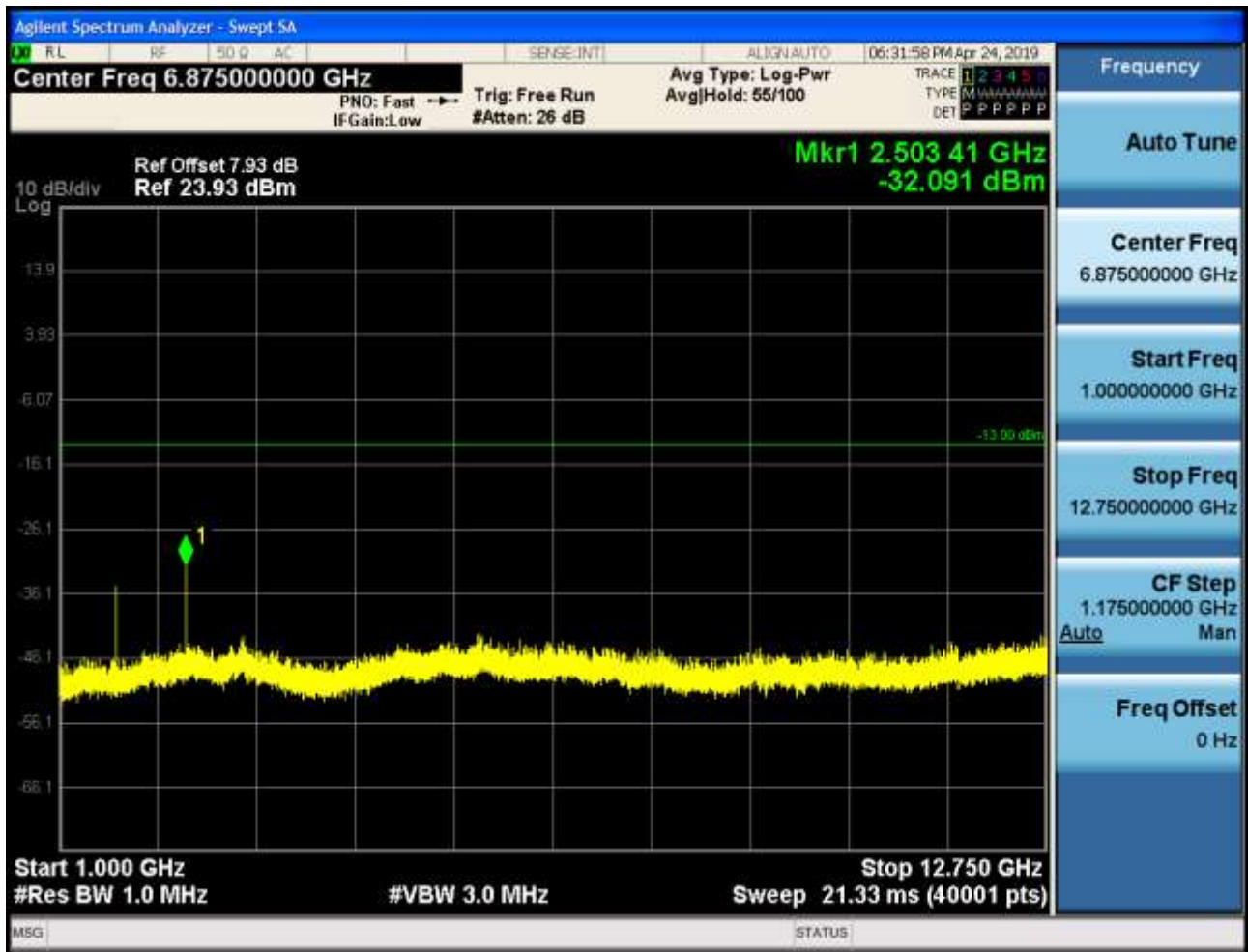
6.2.1.1.3.2 Test Channel = MCH

6.2.1.1.3.2.1 Test RB = RB1#0





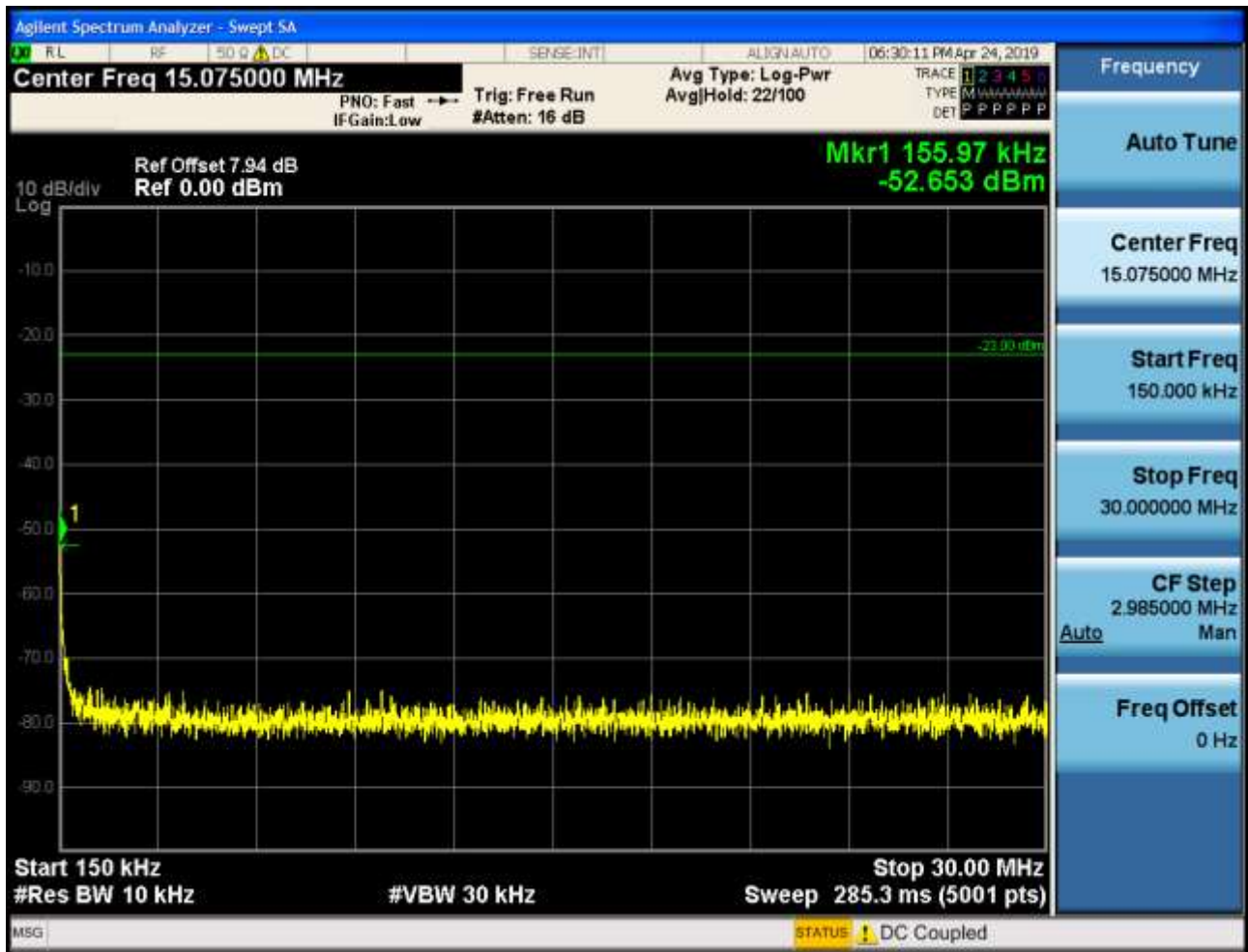


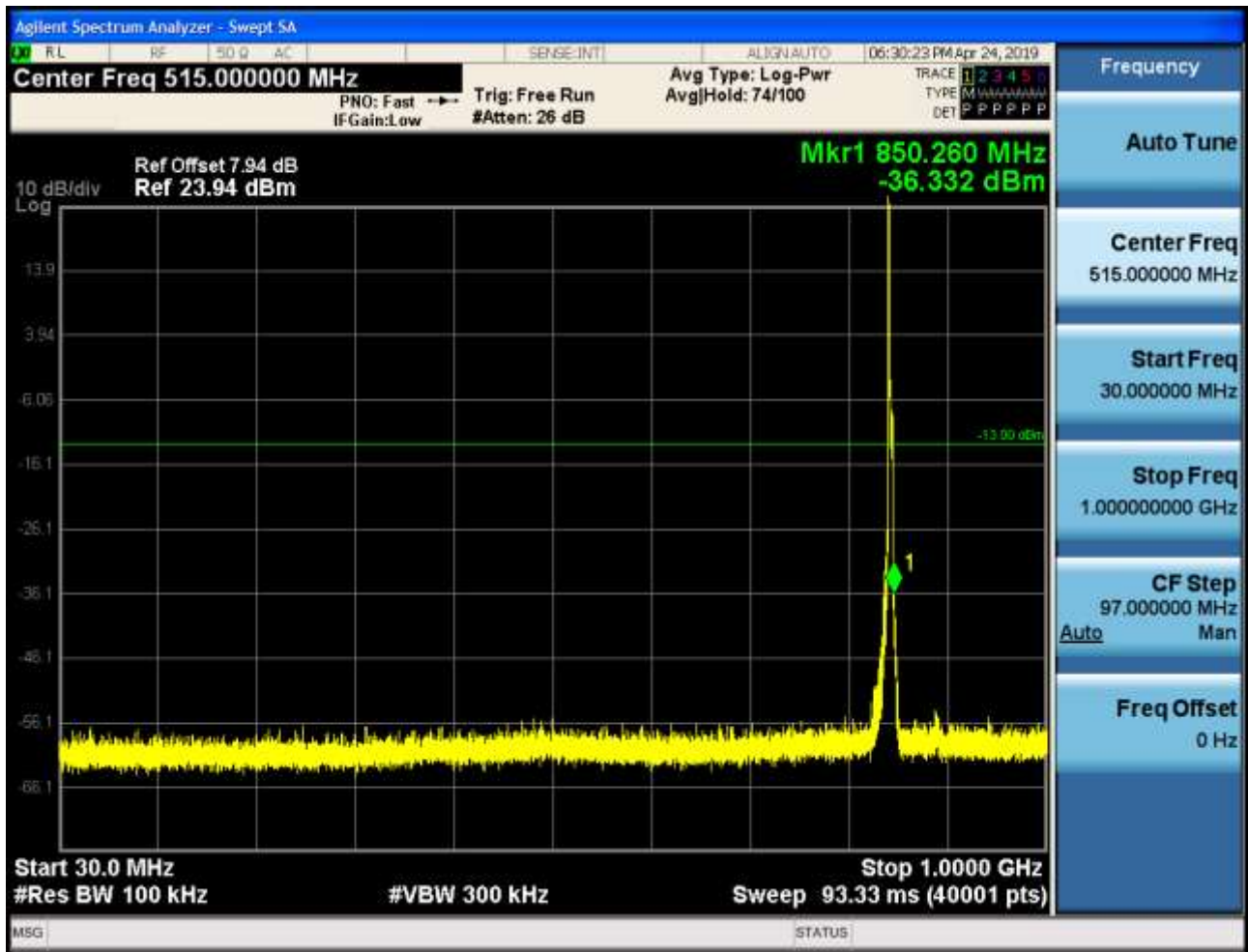


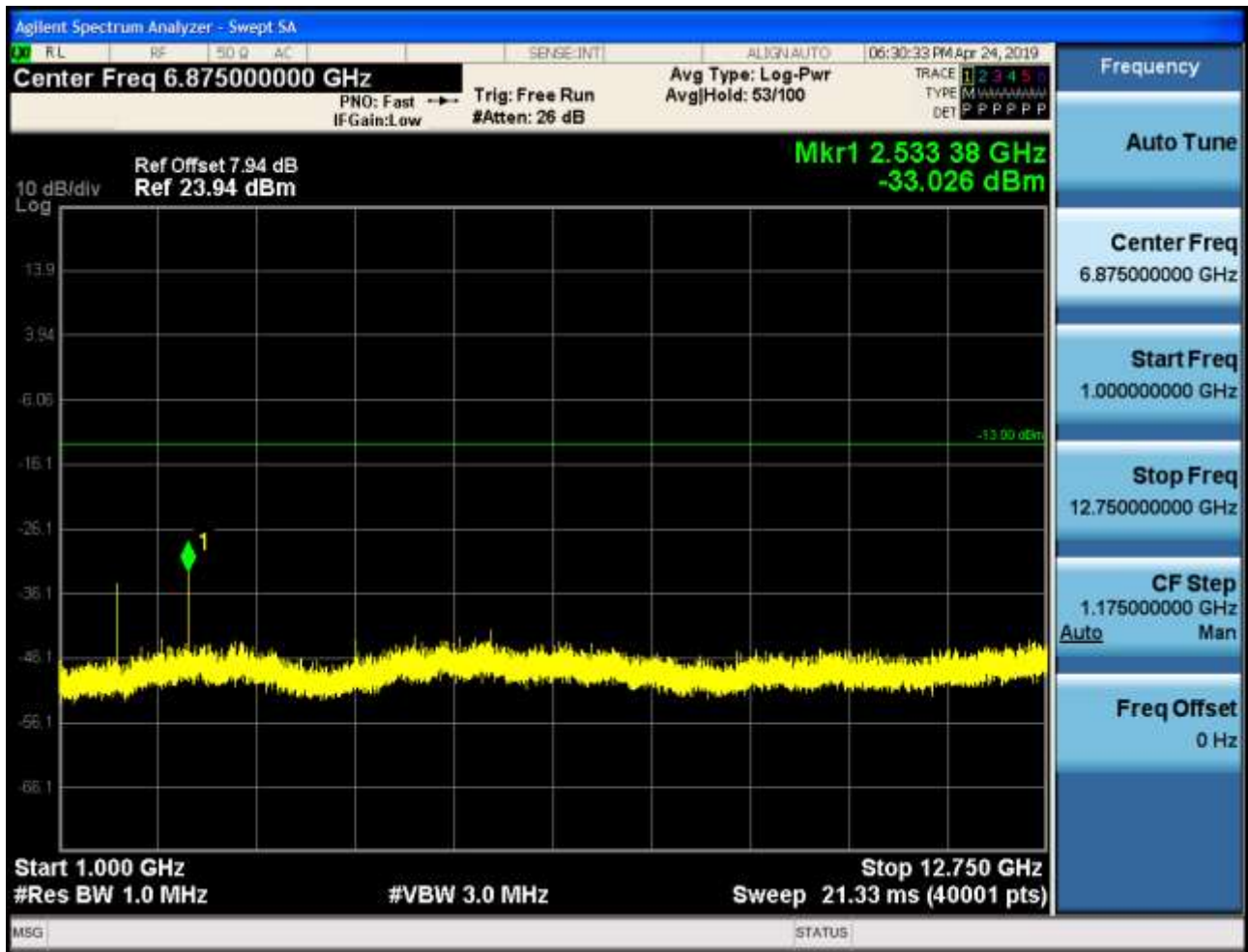
6.2.1.1.3.3 Test Channel = HCH

6.2.1.1.3.3.1 Test RB = RB1#0







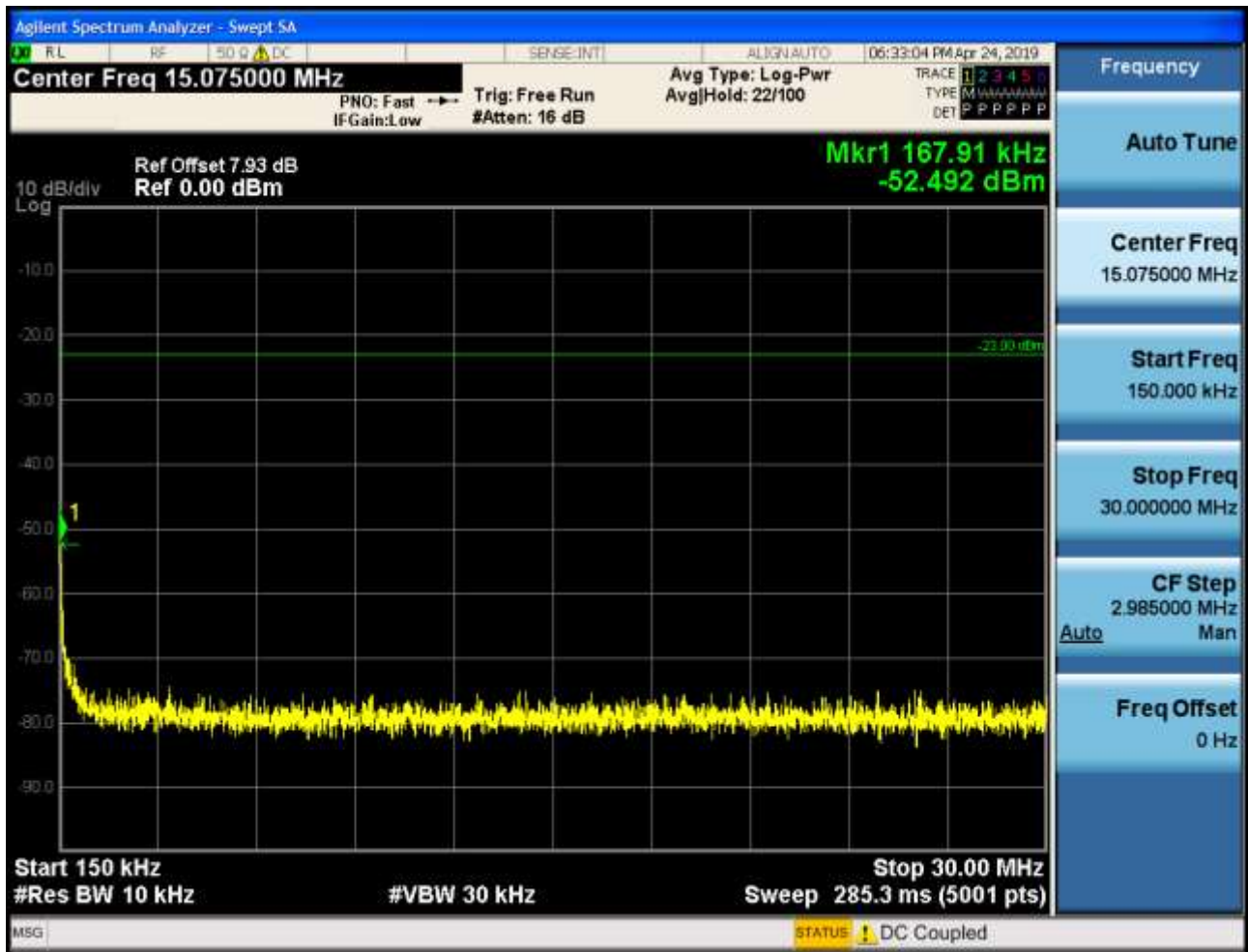


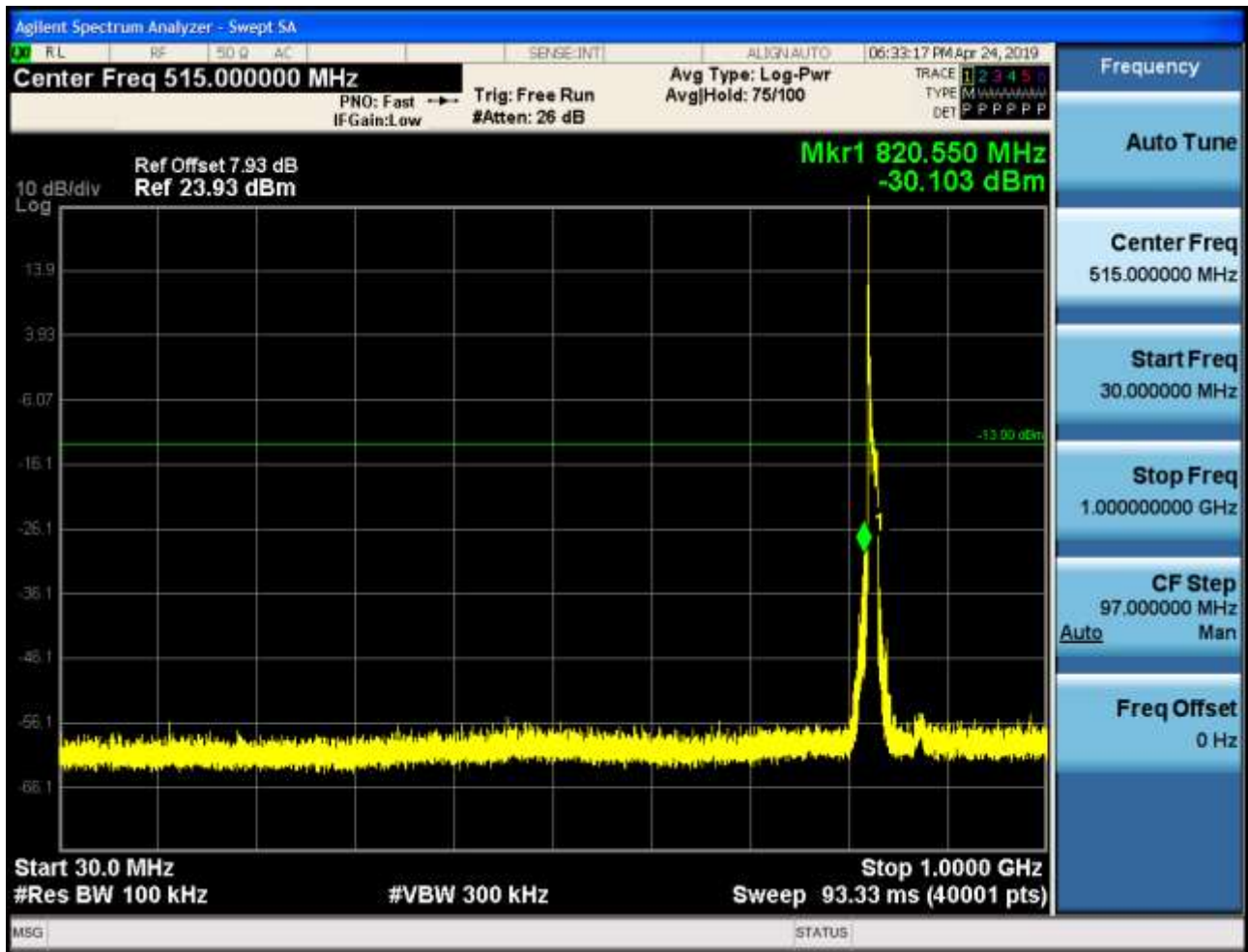
6.2.1.1.4 Test Bandwidth = 10

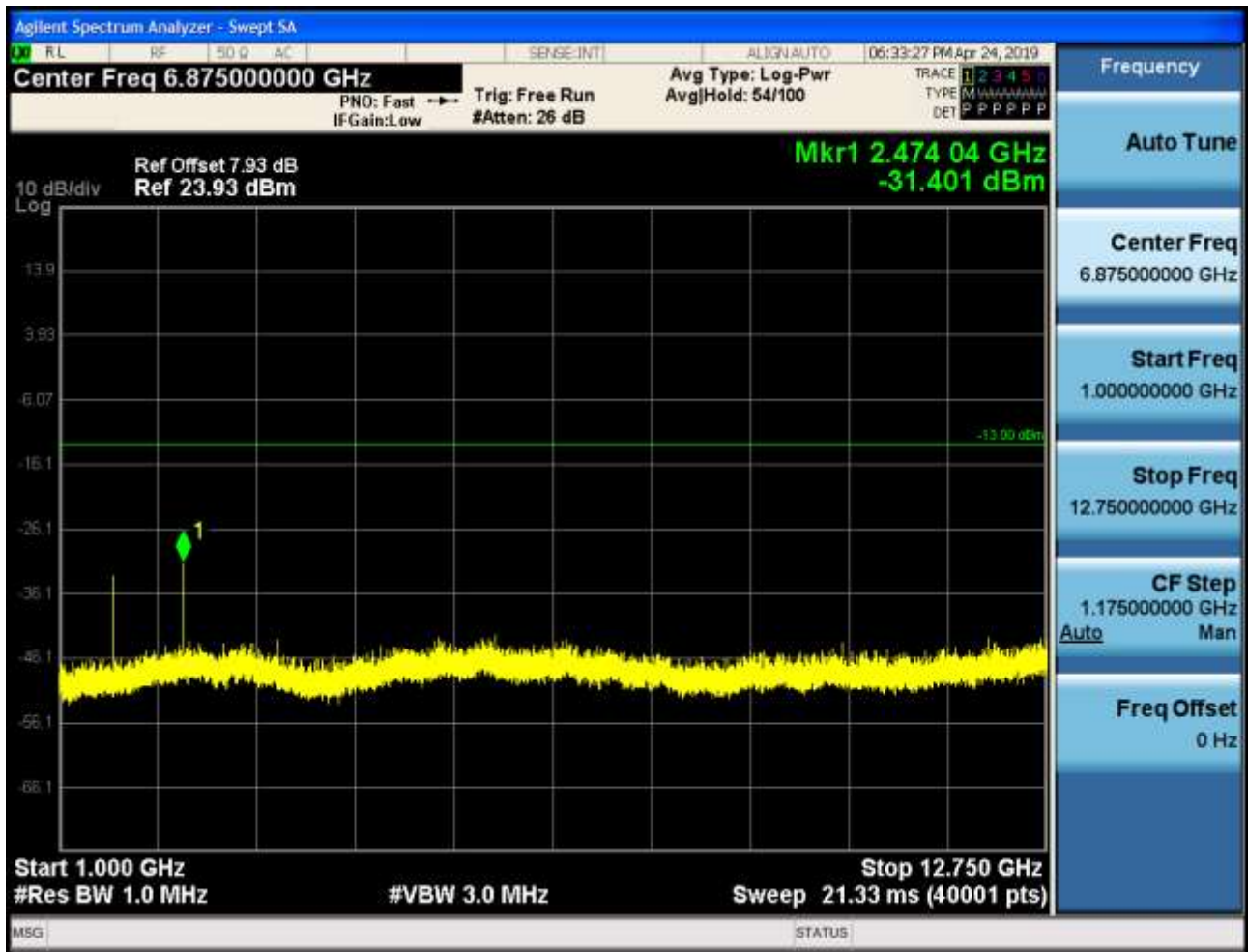
6.2.1.1.4.1 Test Channel = LCH

6.2.1.1.4.1.1 Test RB = RB1#0





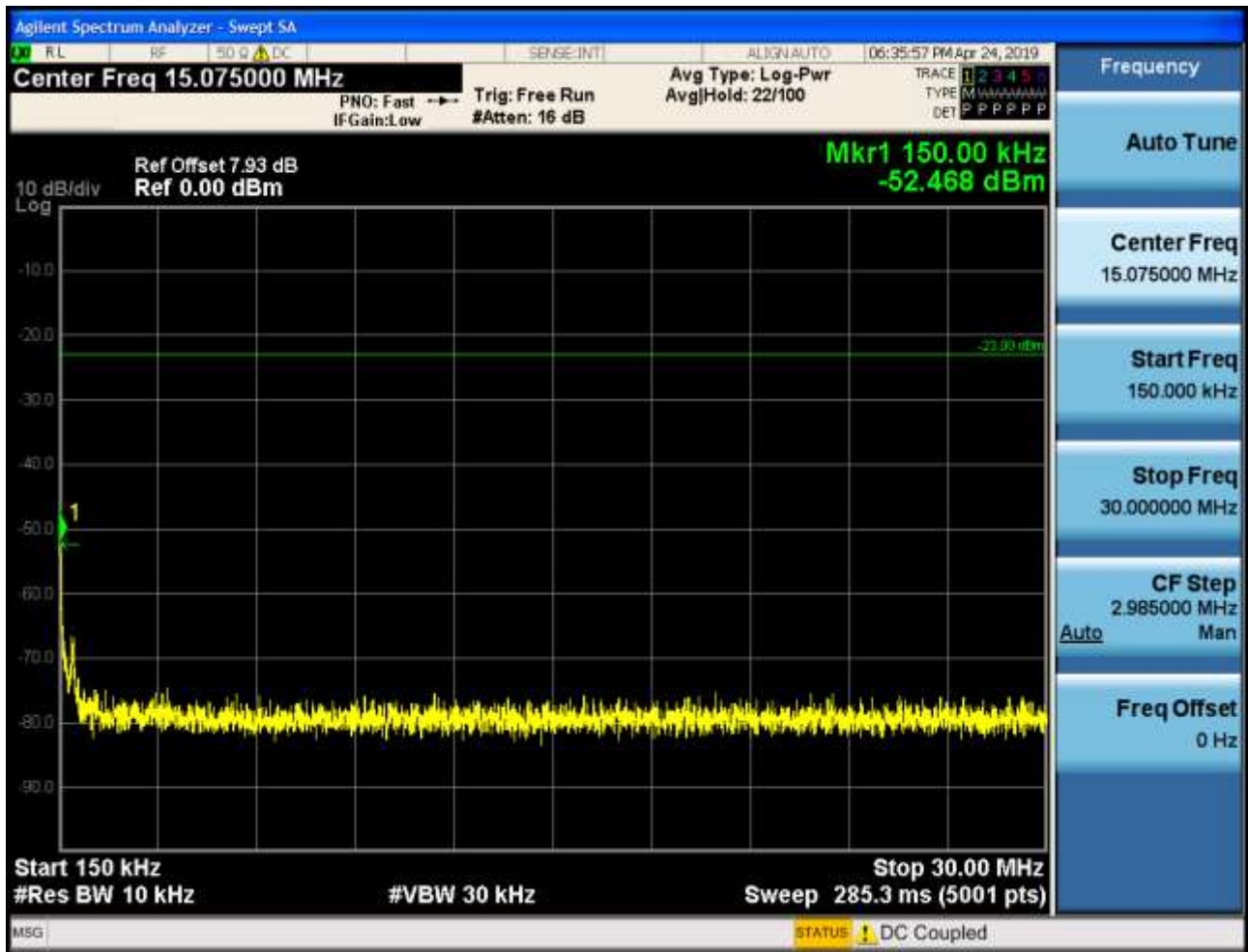


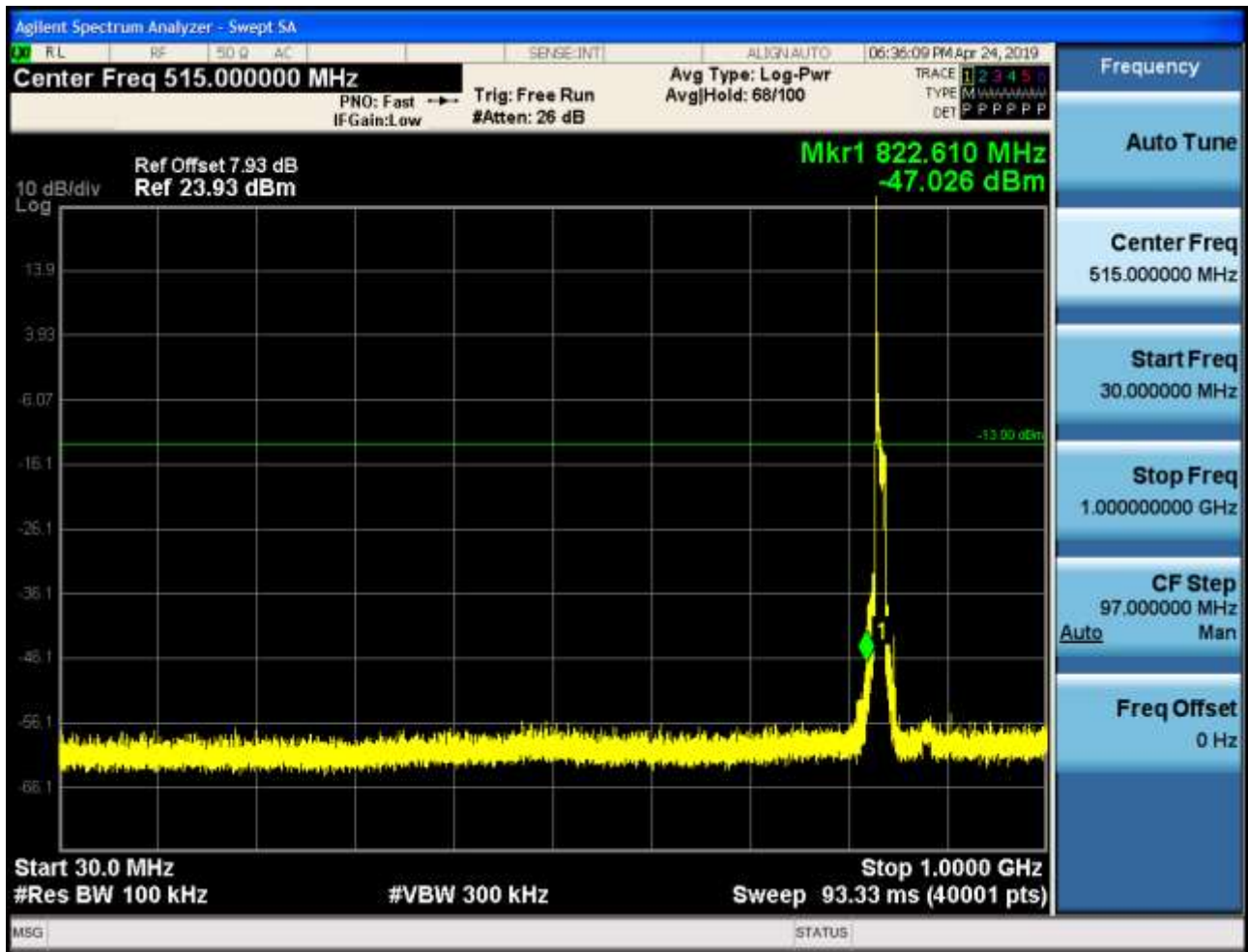


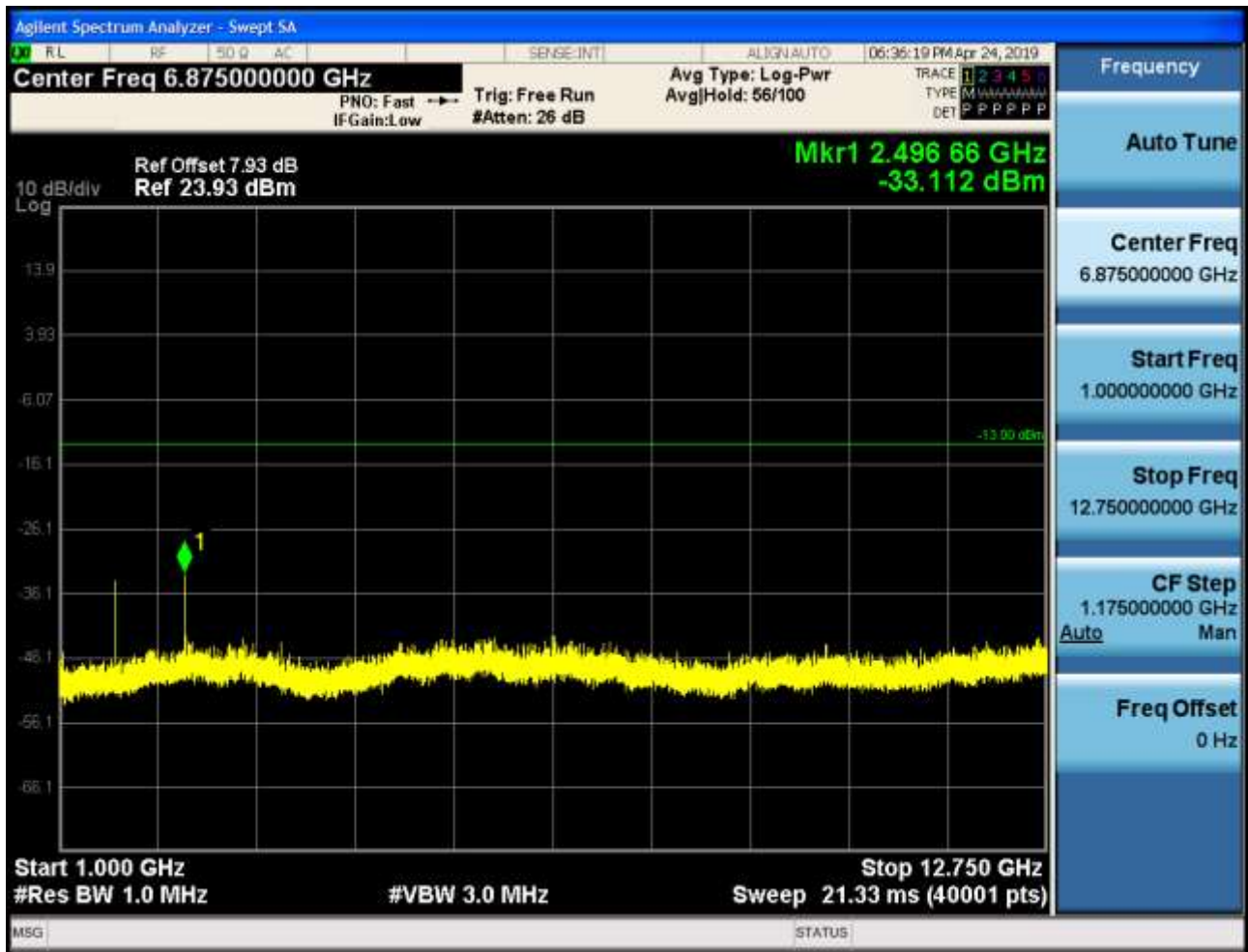
6.2.1.1.4.2 Test Channel = MCH

6.2.1.1.4.2.1 Test RB = RB1#0



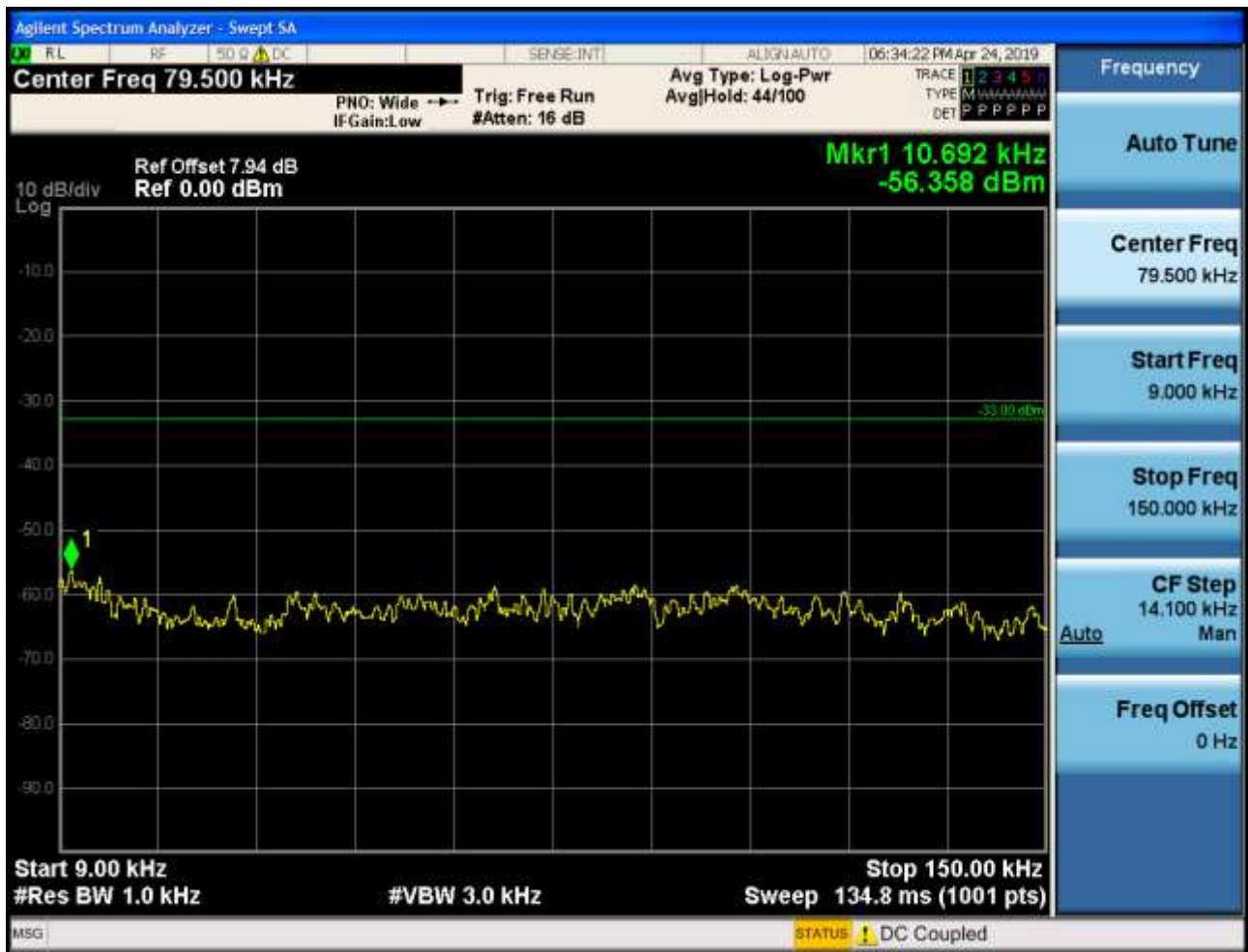


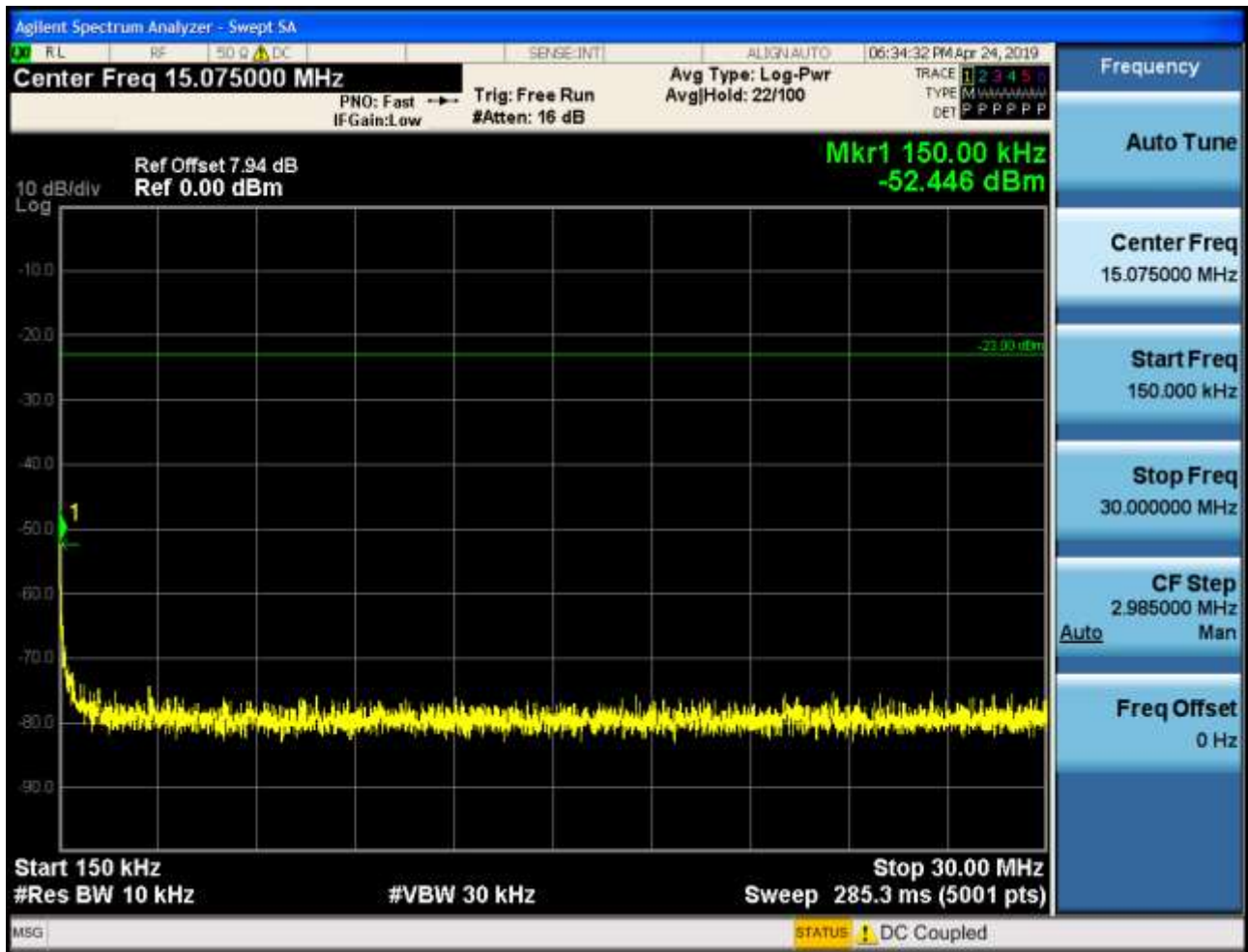


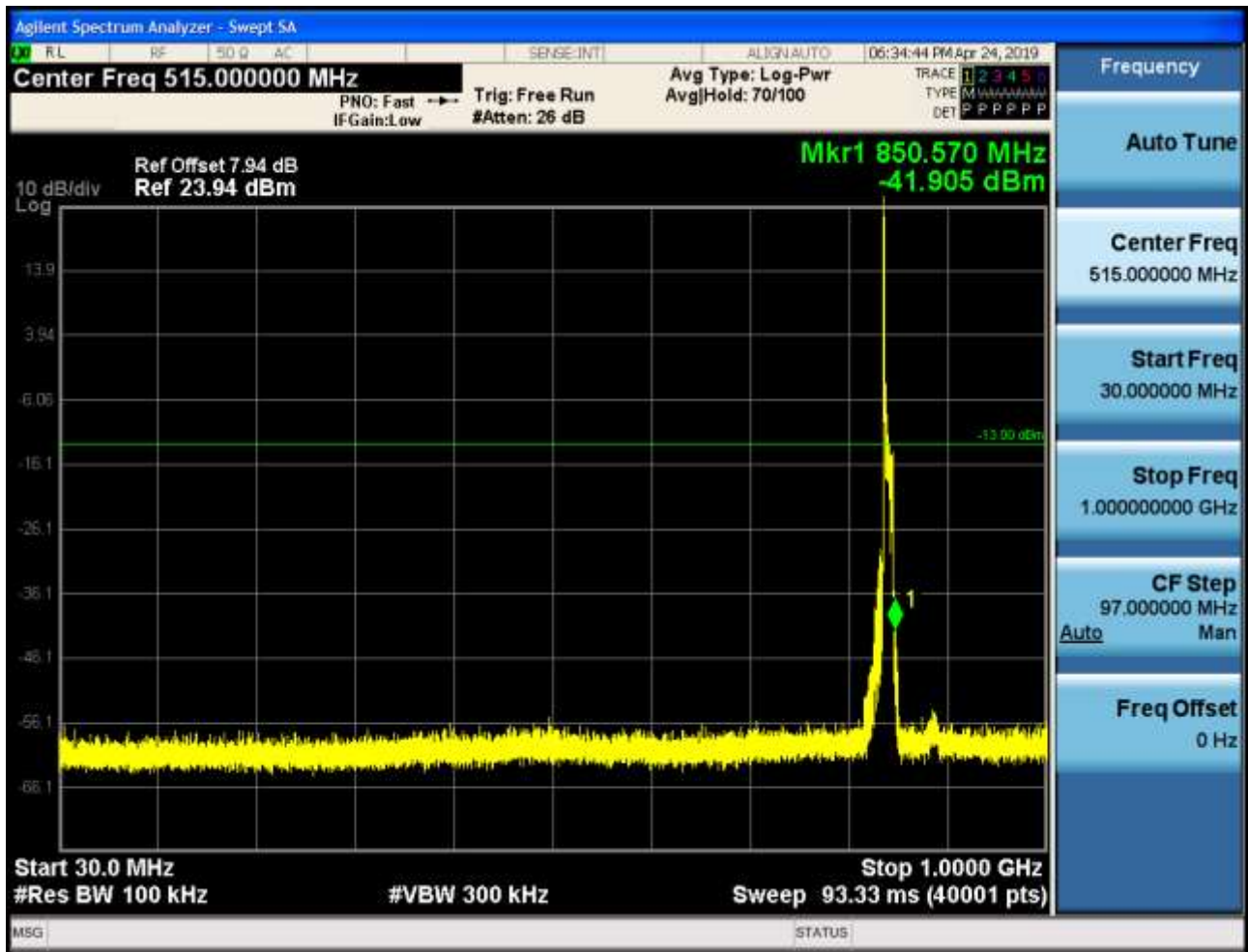


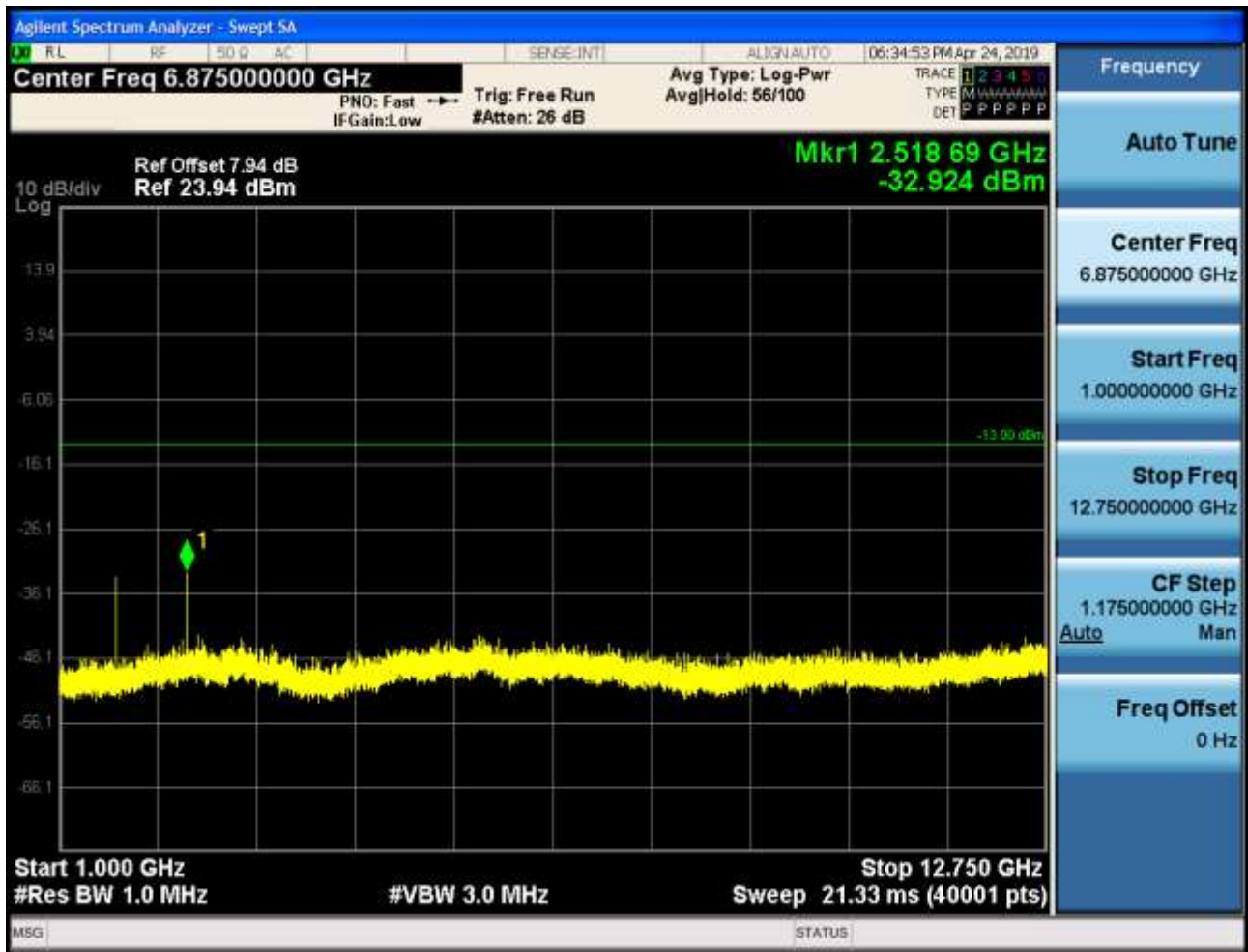
6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0









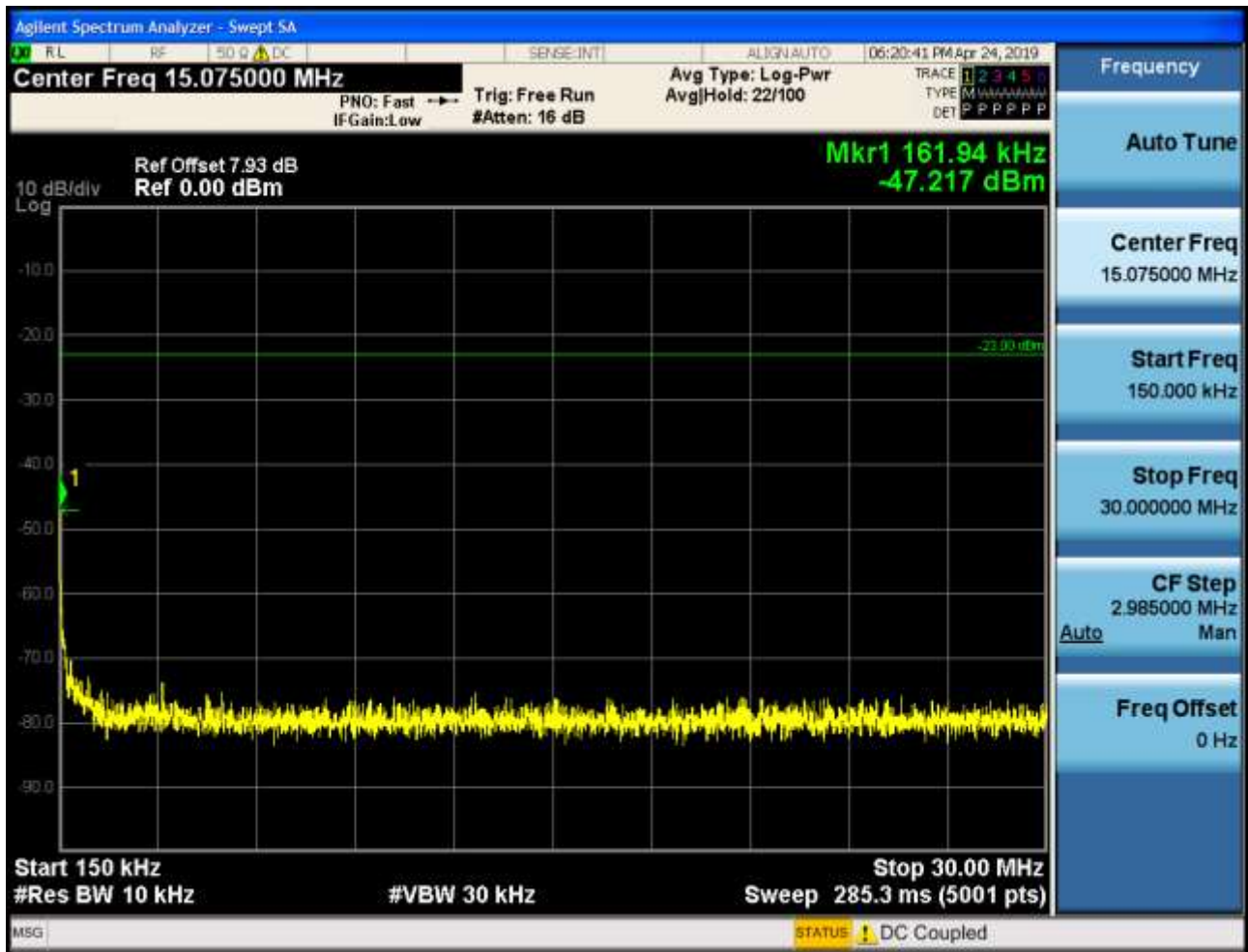
6.2.1.2 Test Mode = LTE/TM2

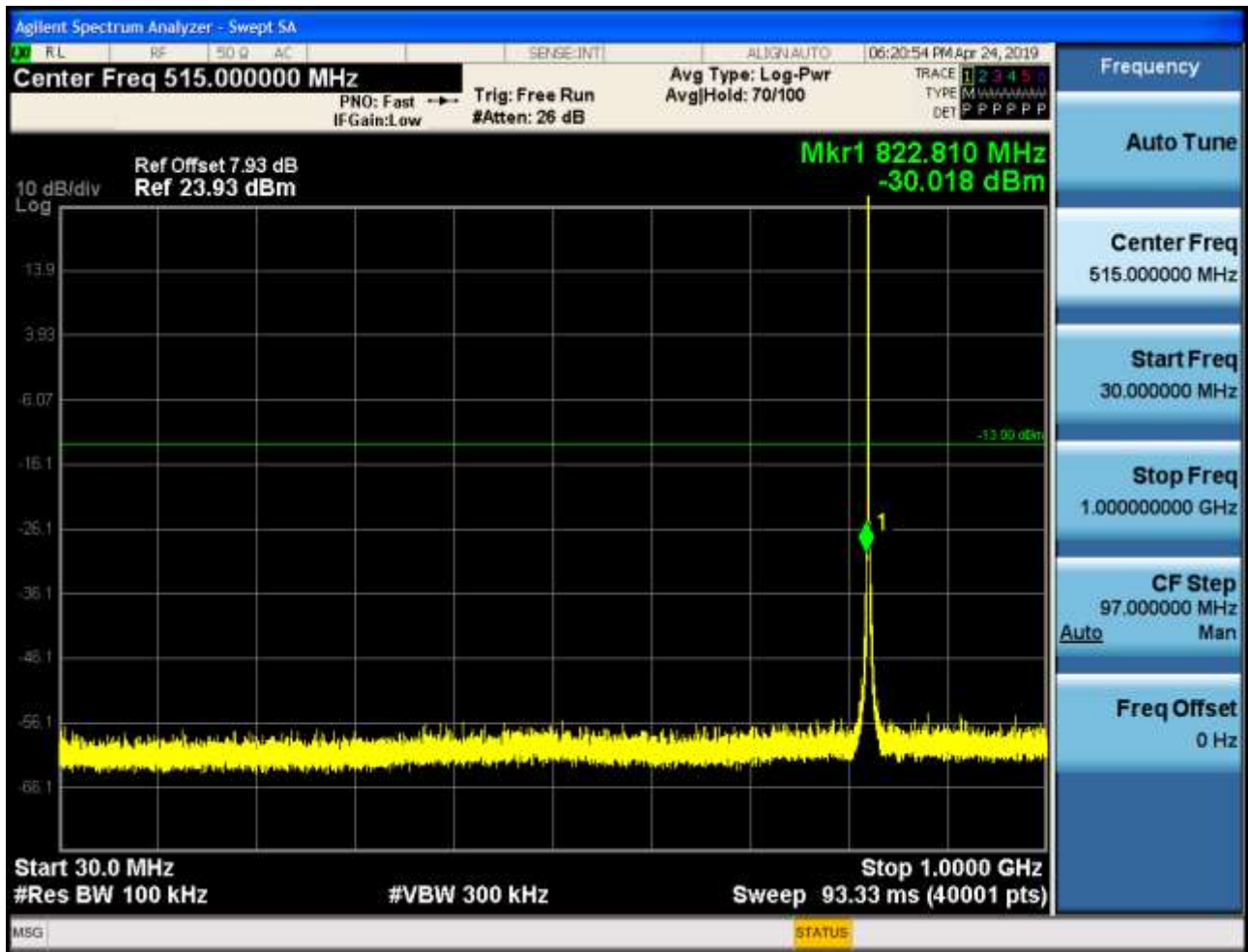
6.2.1.2.1 Test Bandwidth = 1.4

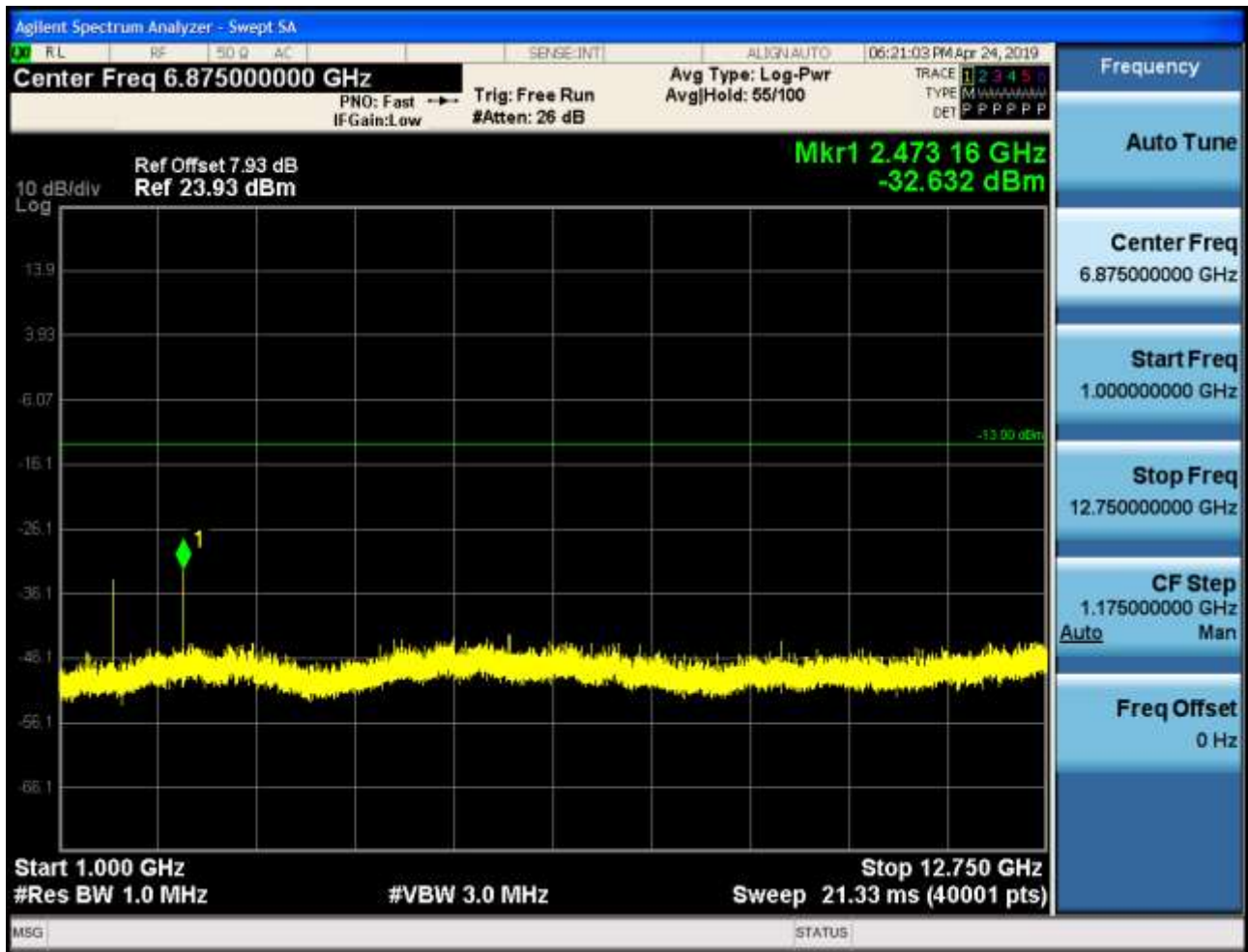
6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 Test RB = RB1#0





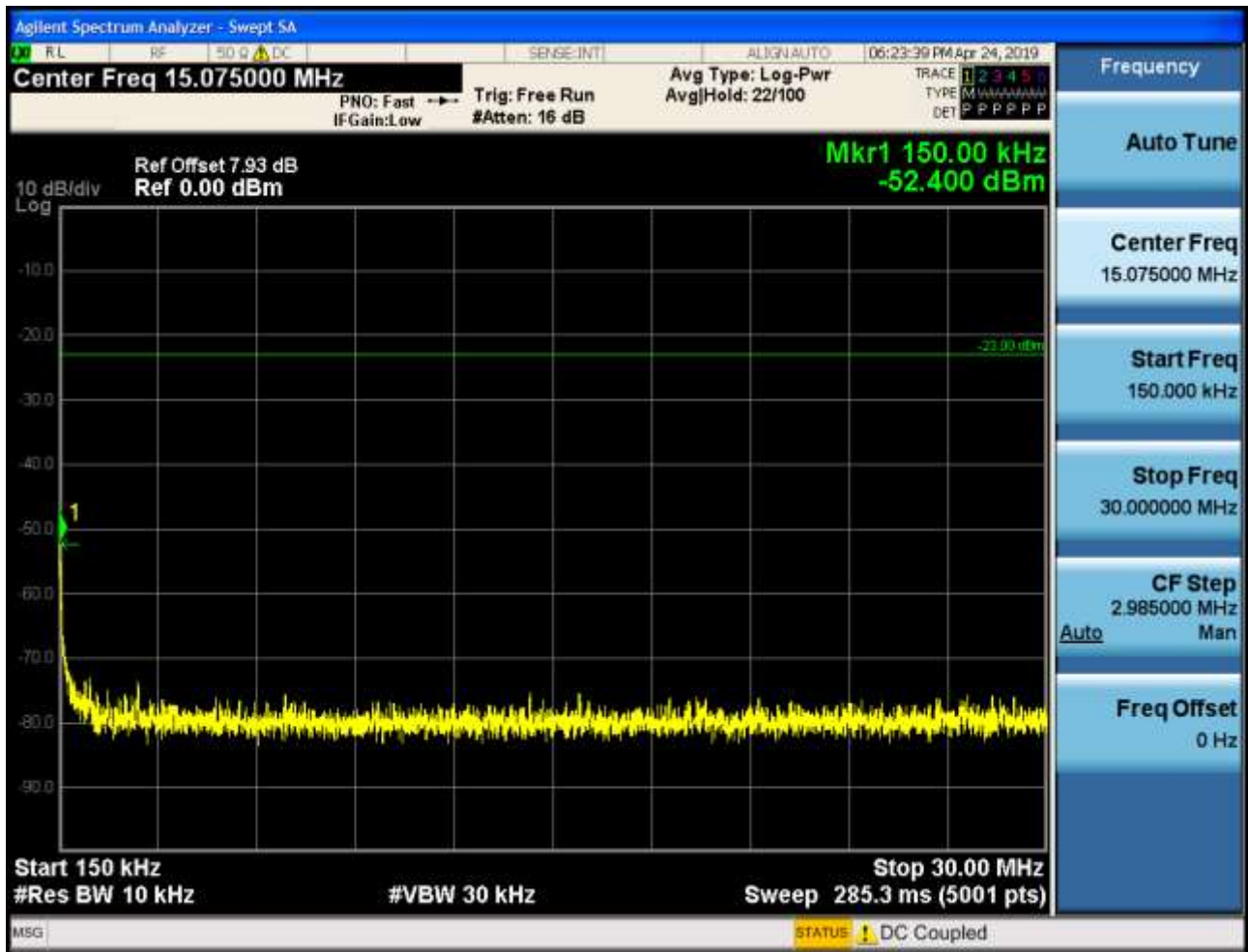


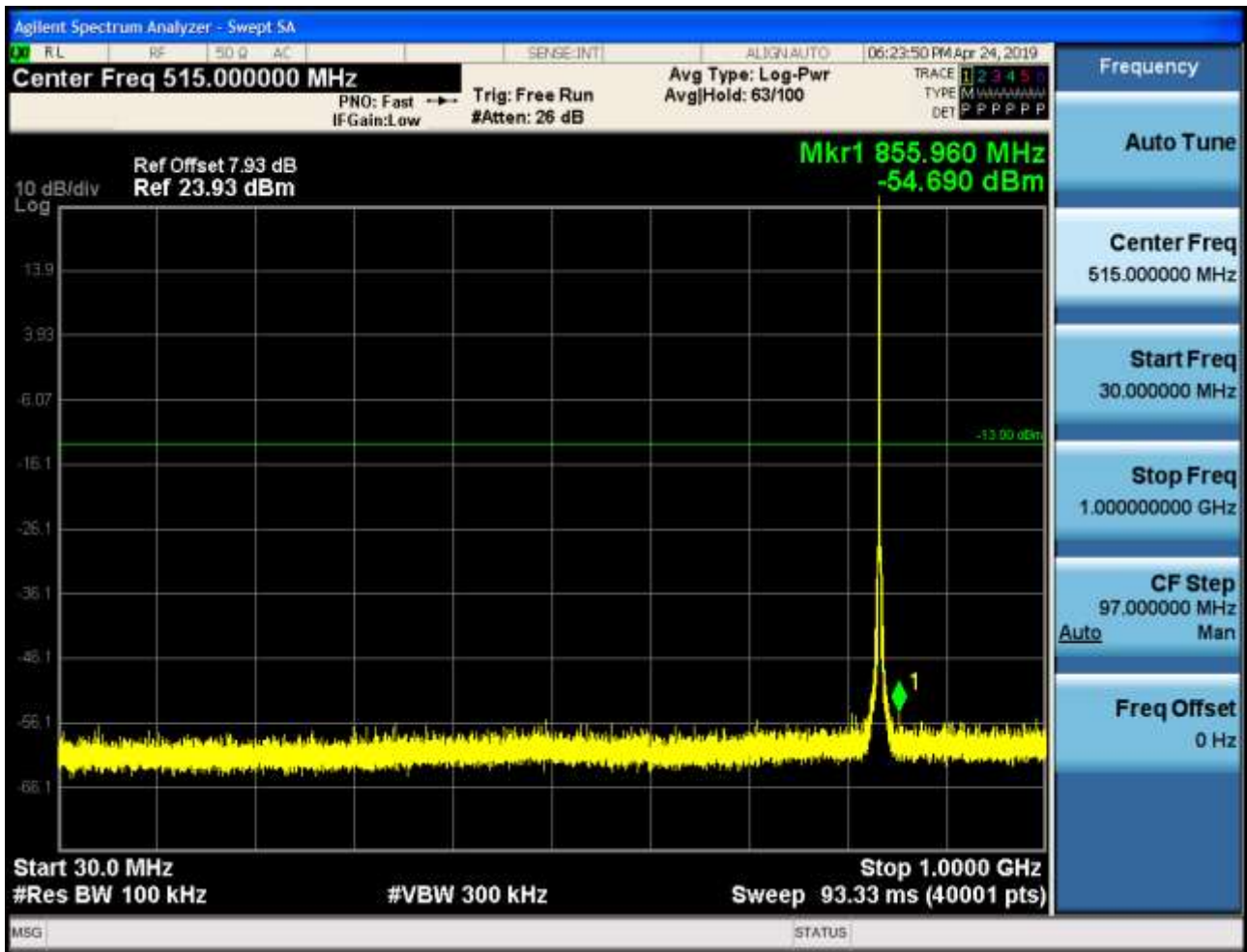


6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0





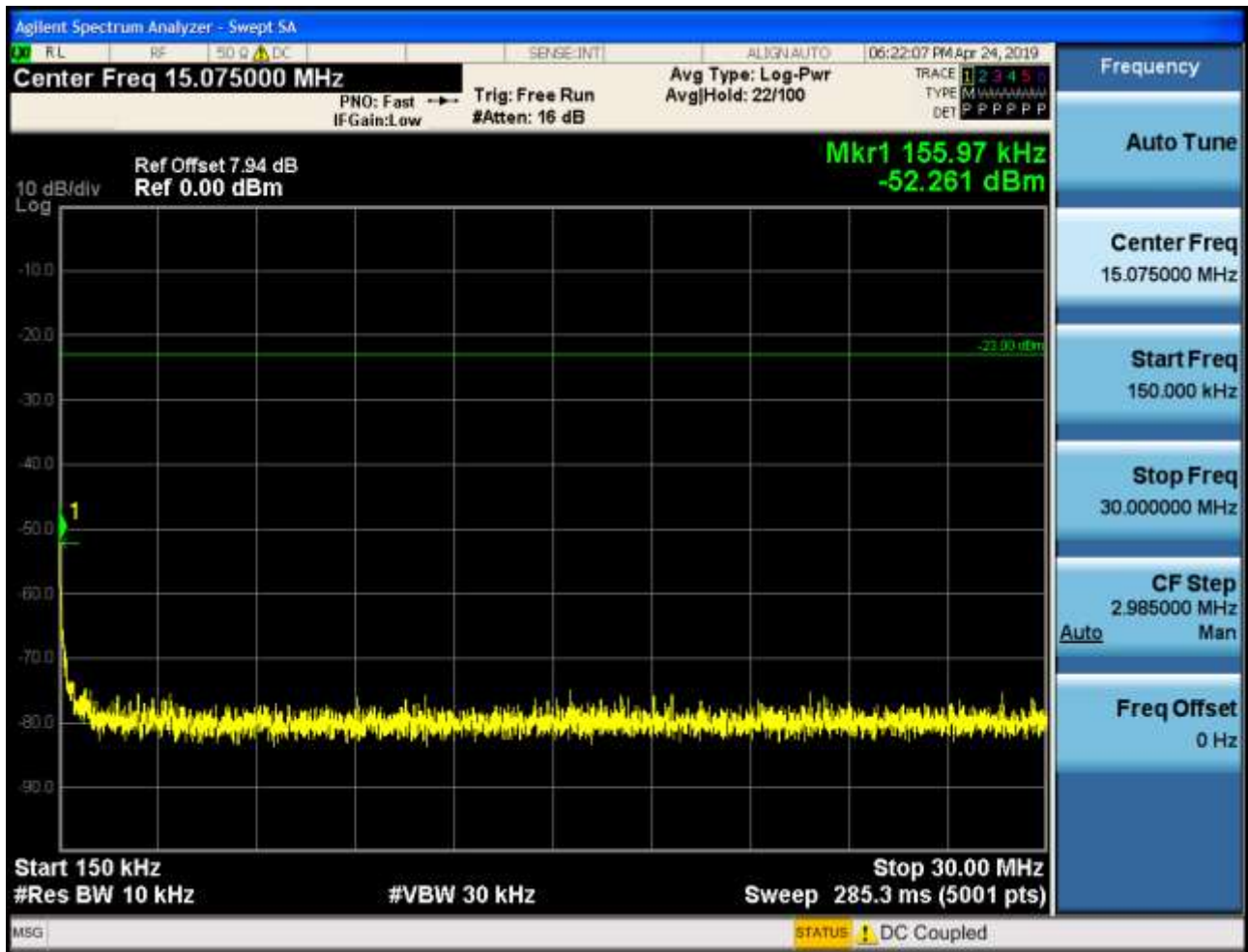


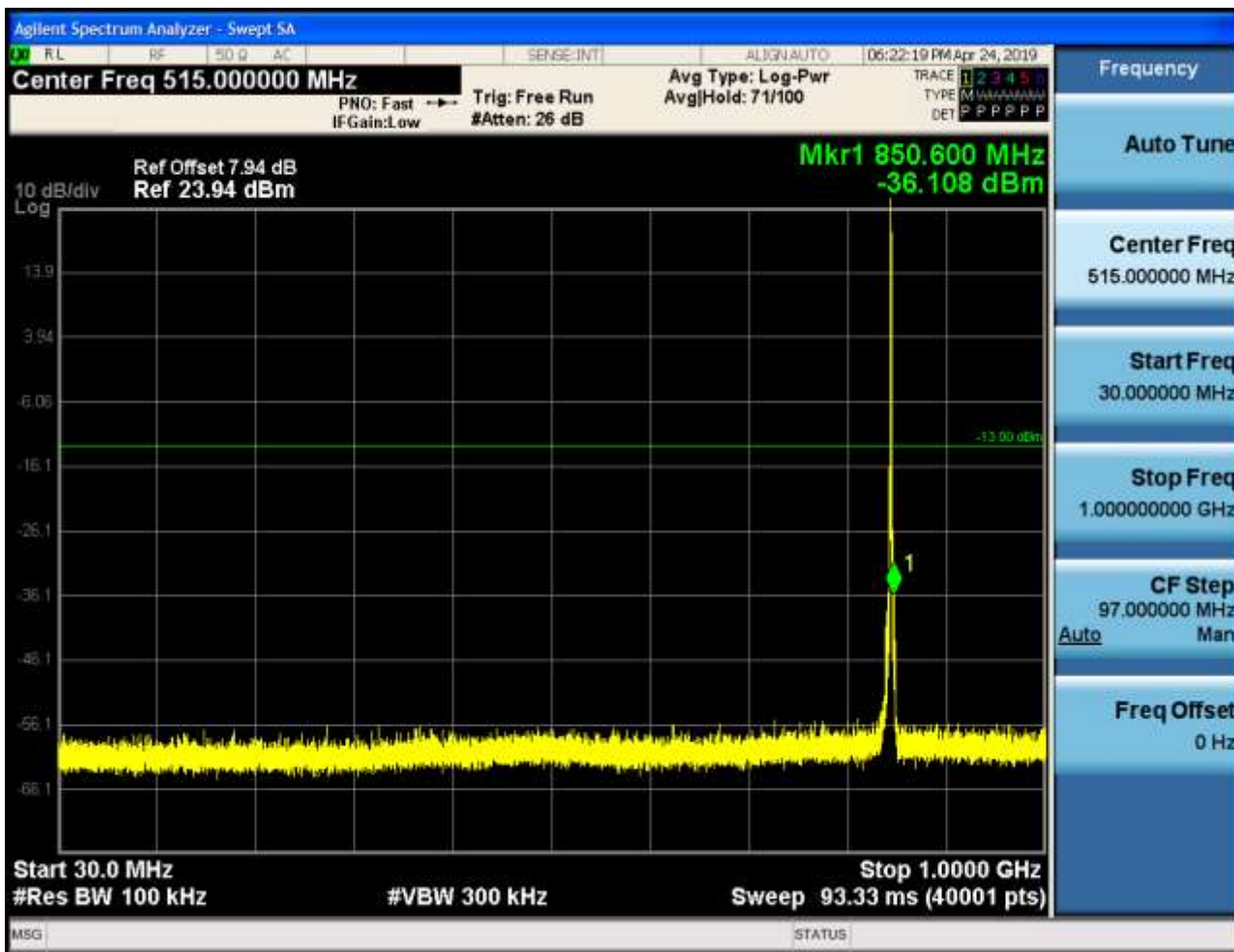


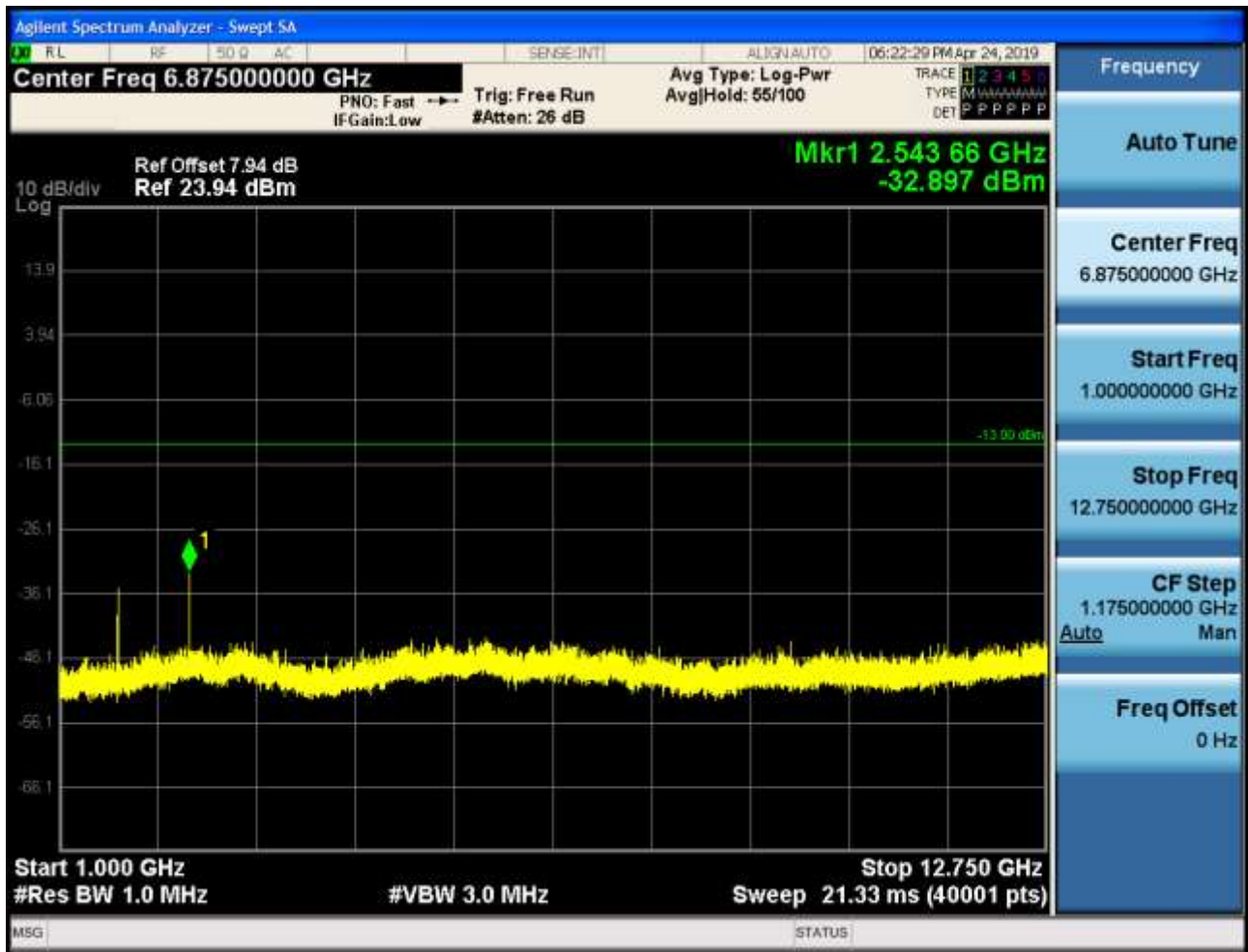
6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0







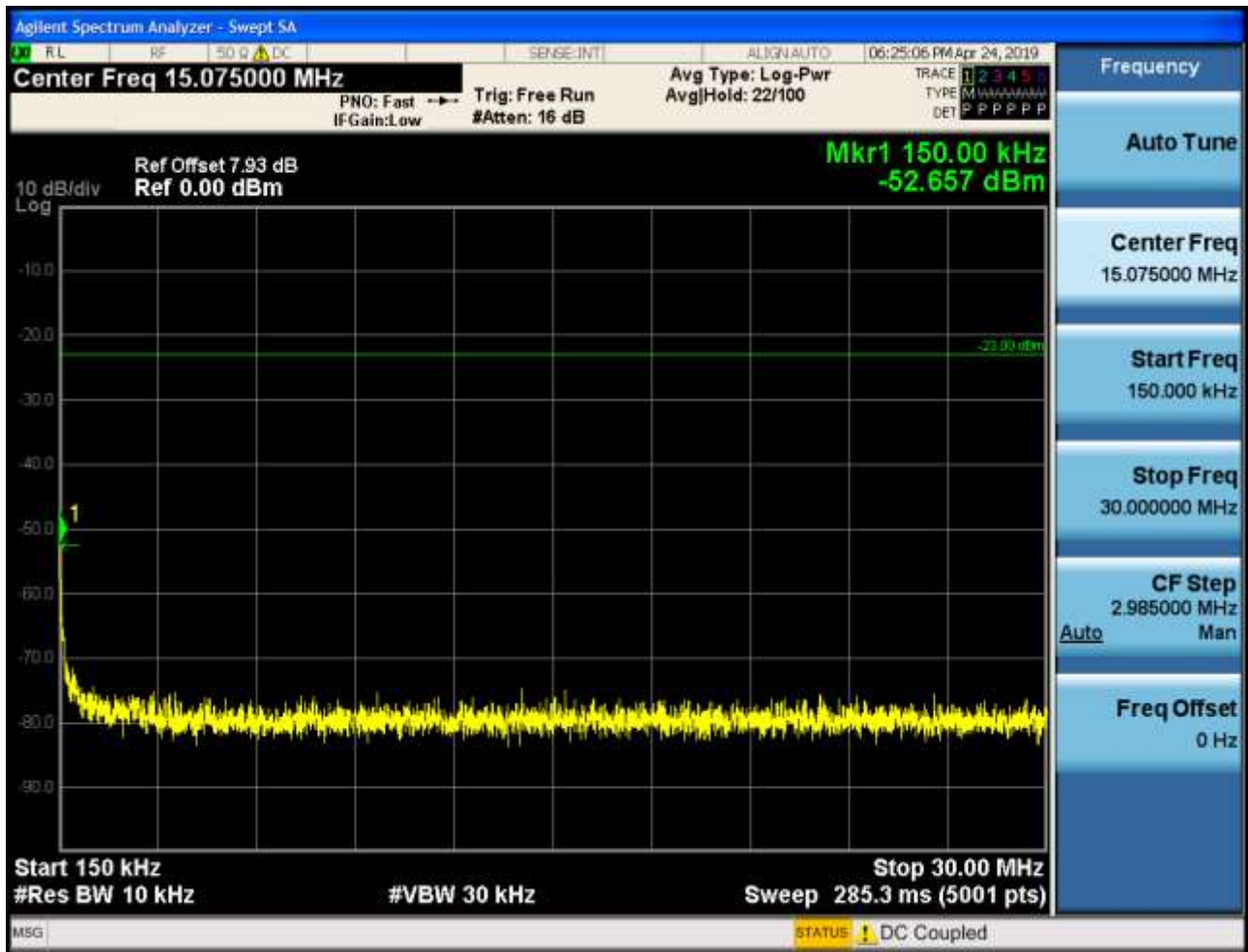


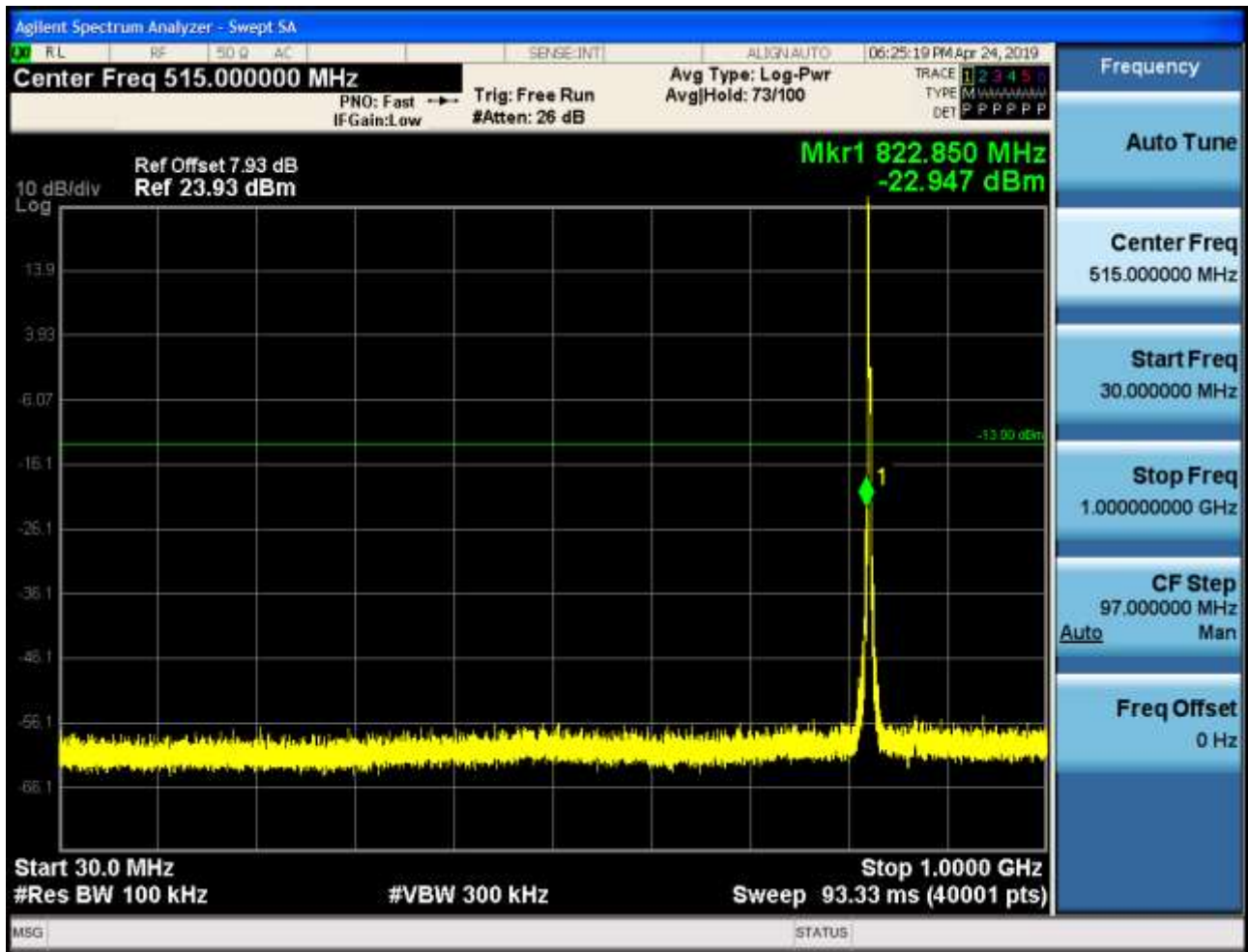
6.2.1.2.2 Test Bandwidth = 3

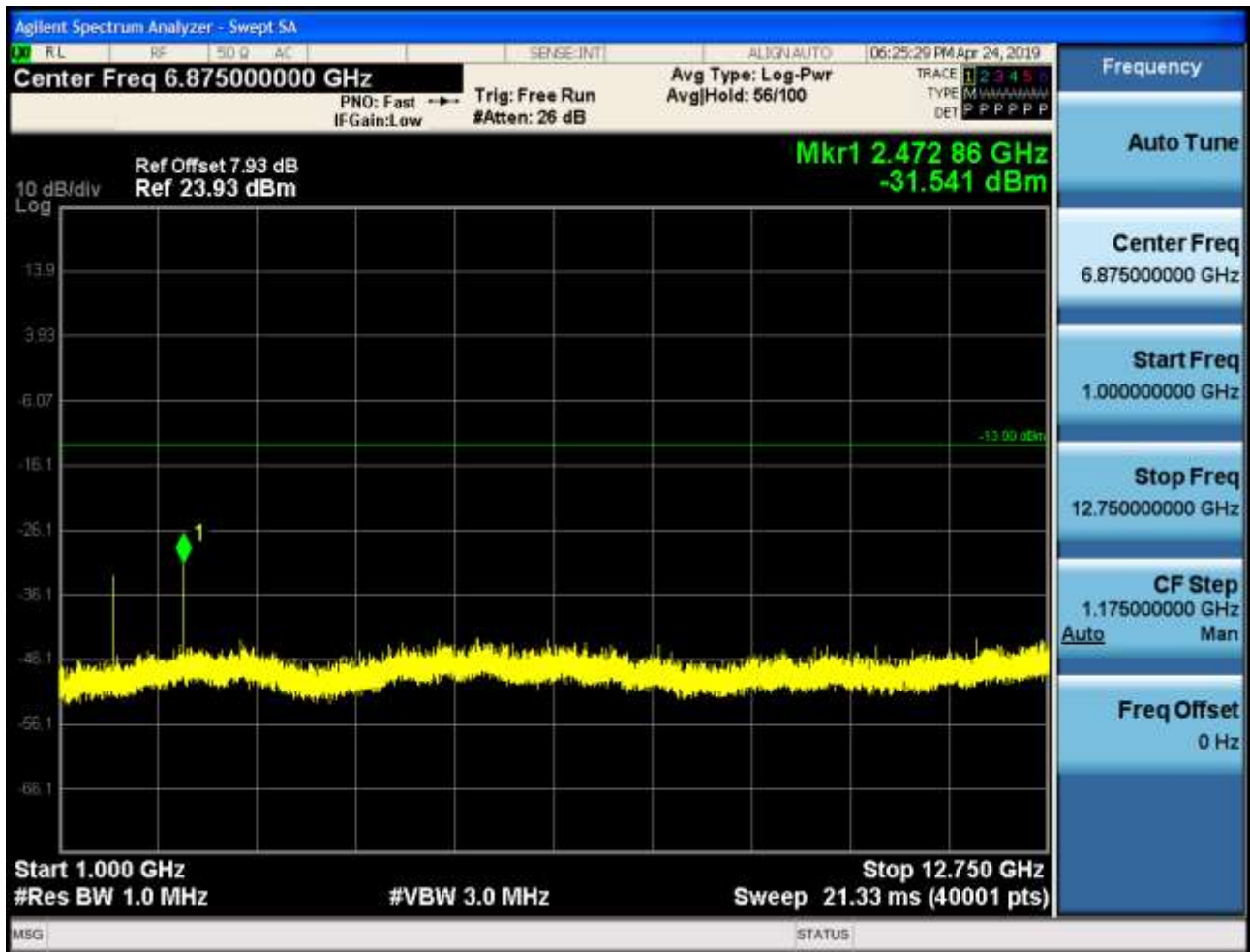
6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0





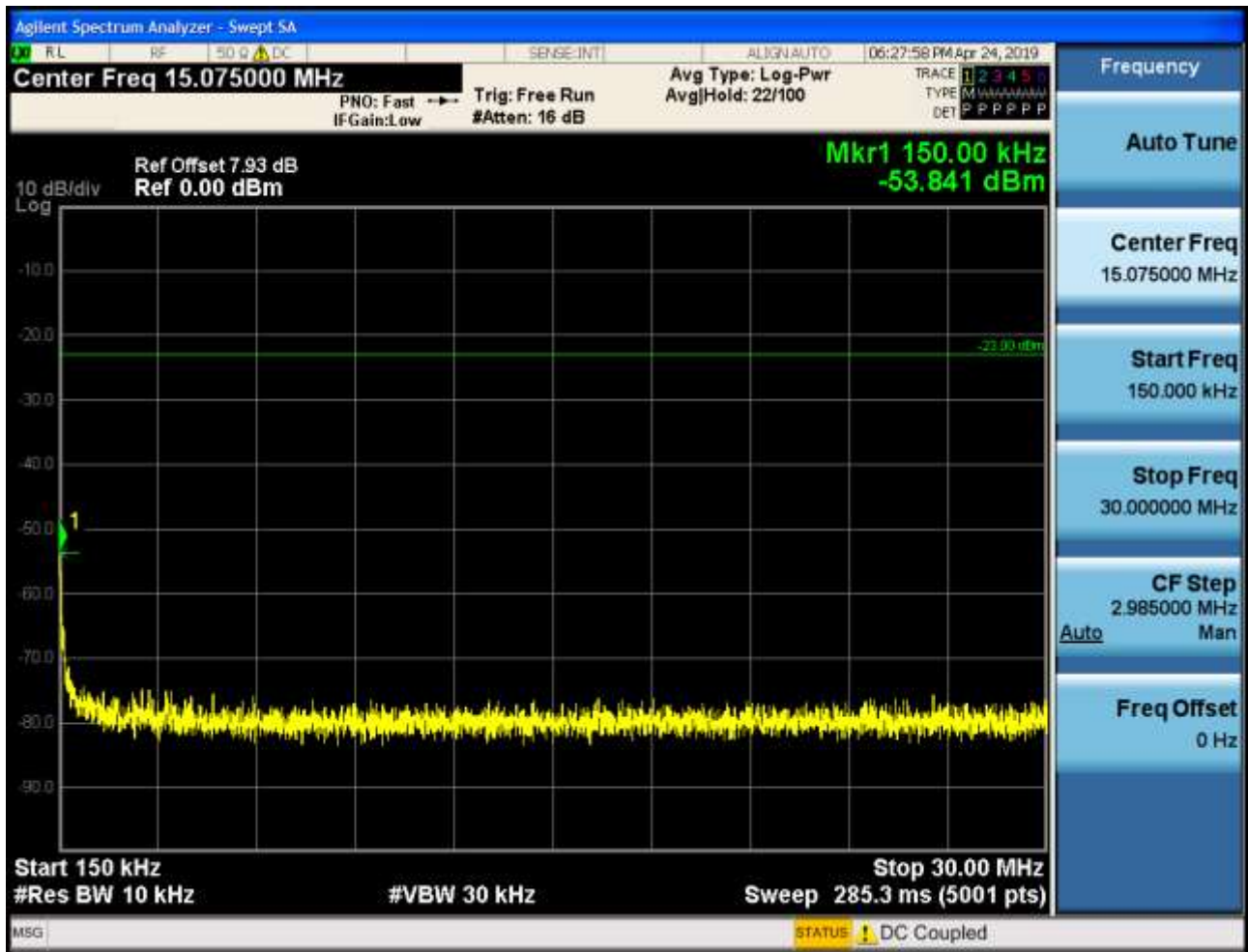


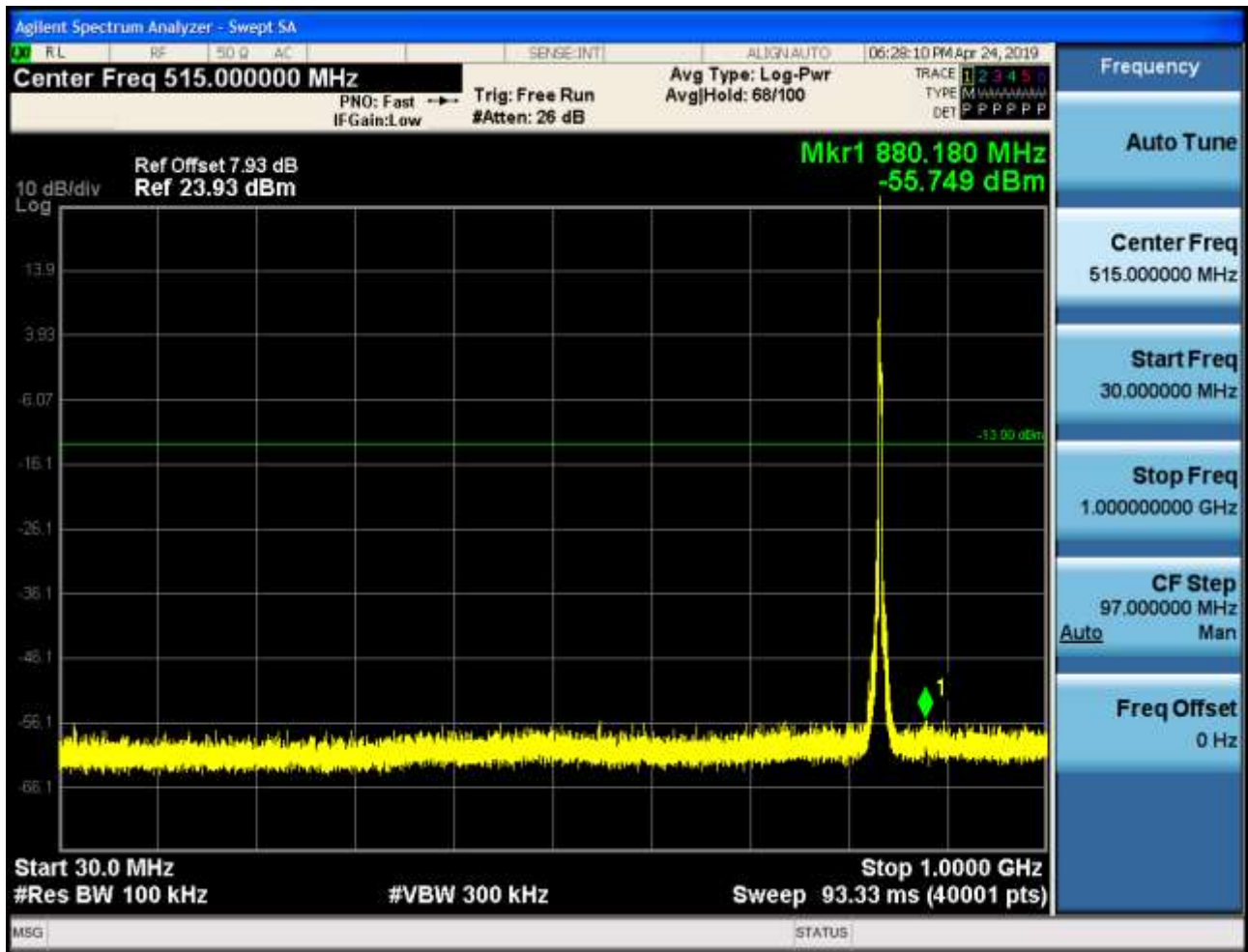


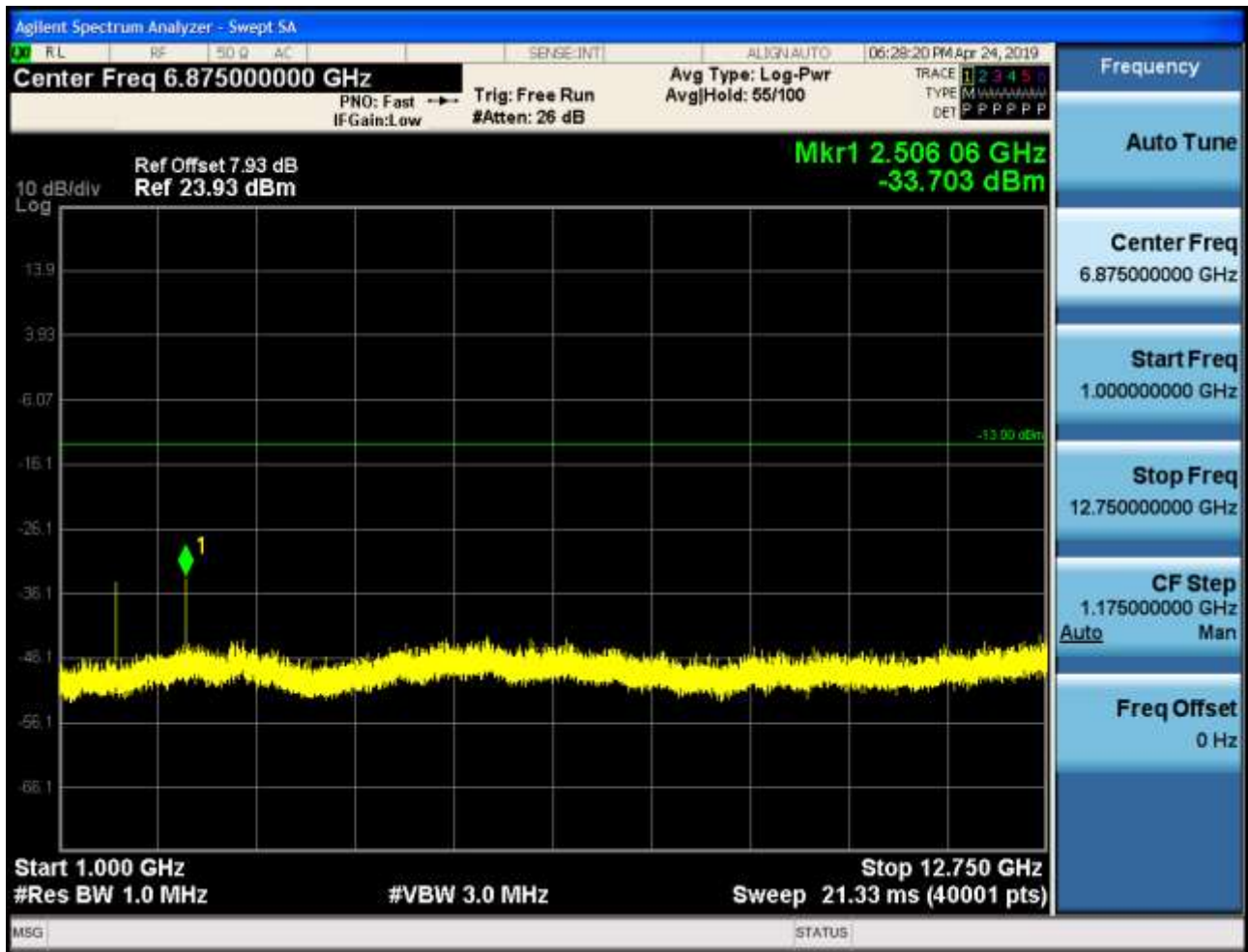
6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.2.1 Test RB = RB1#0





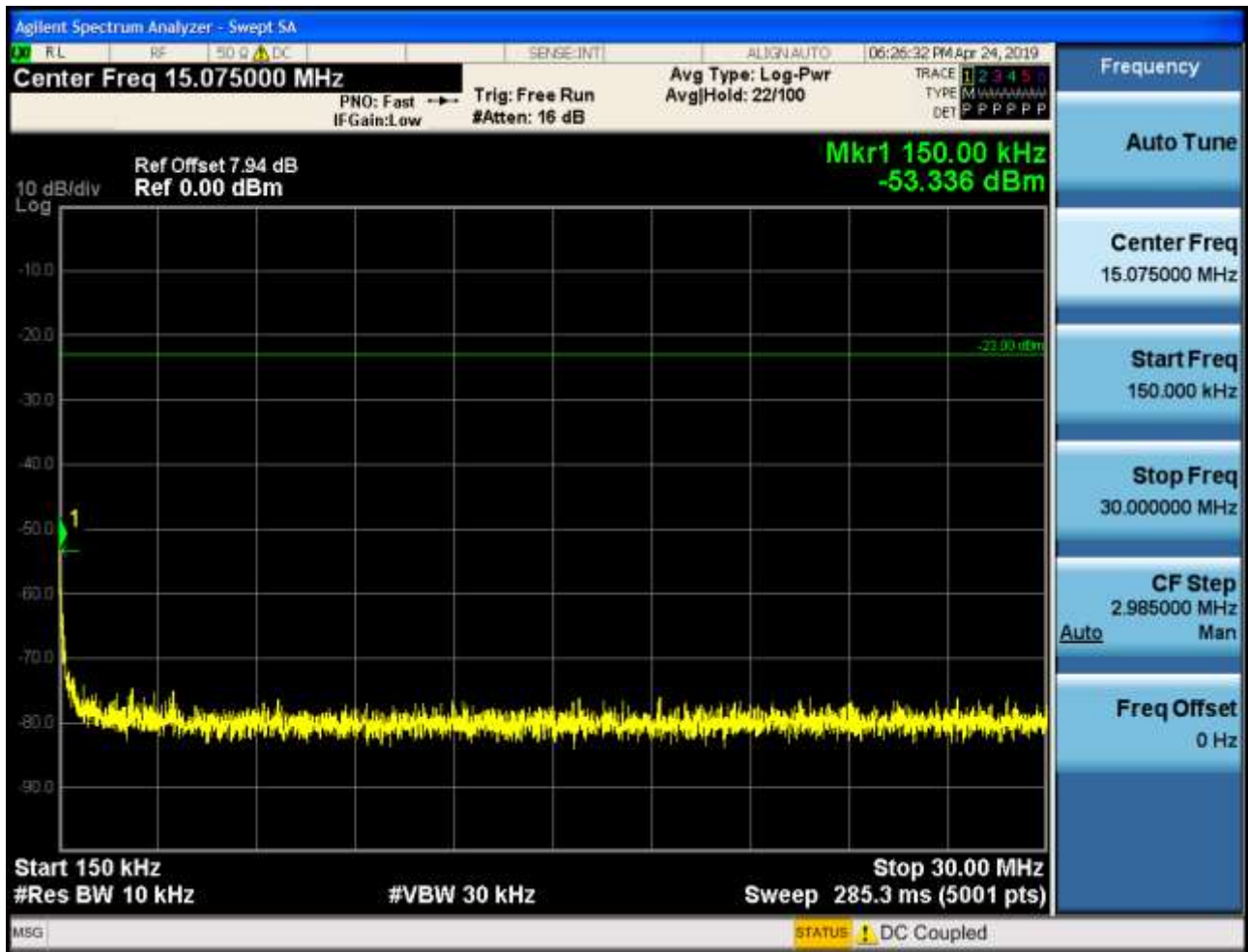


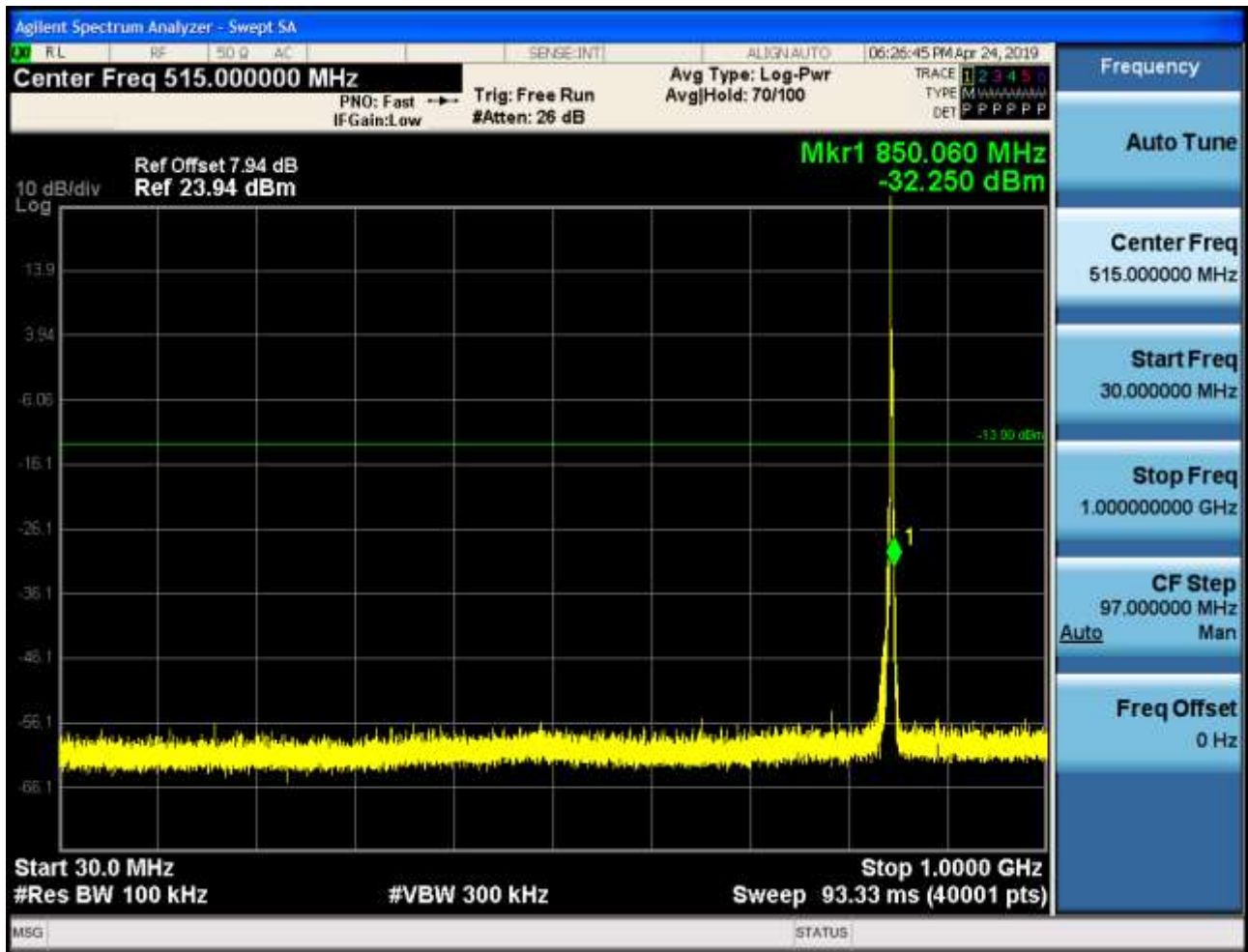


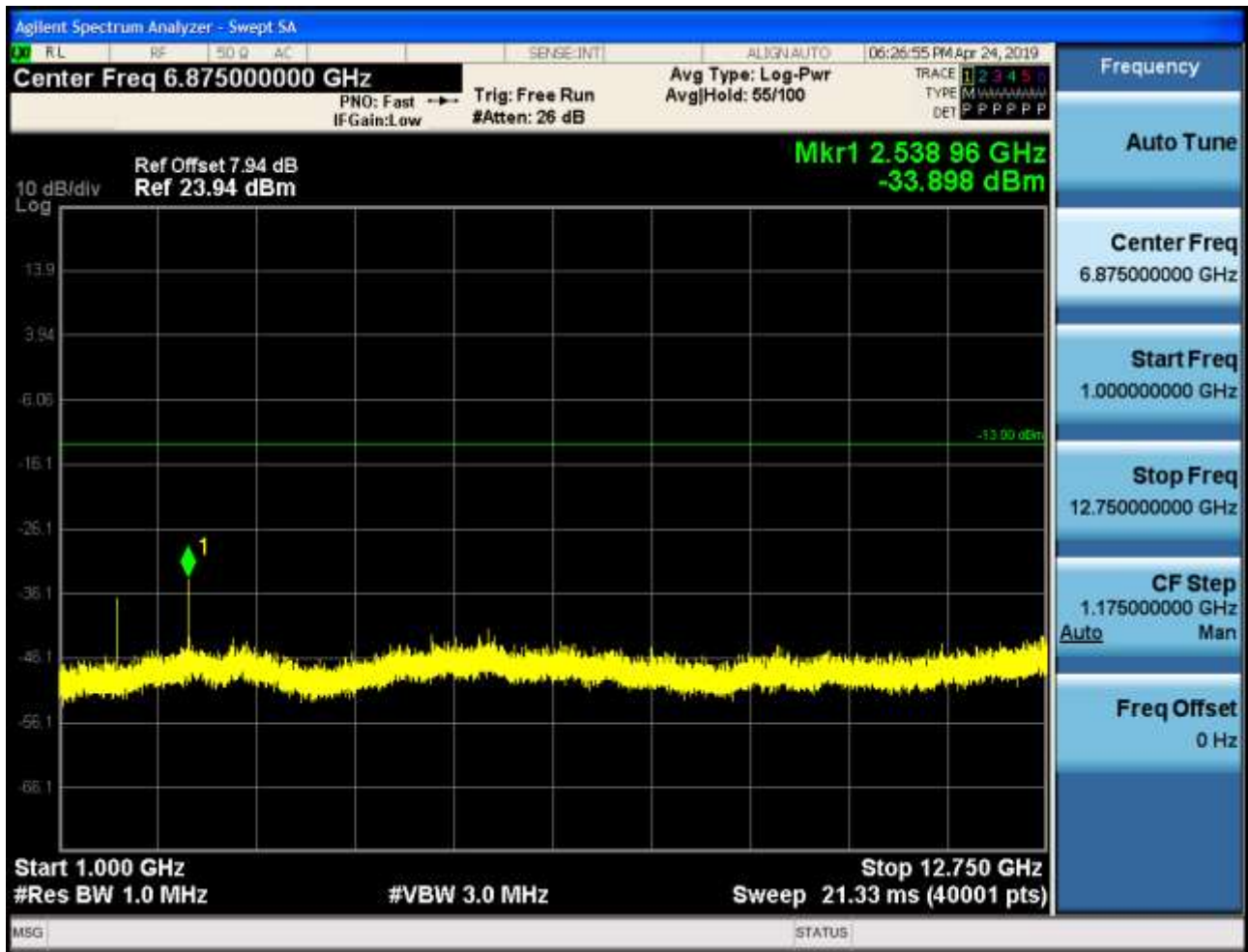
6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0







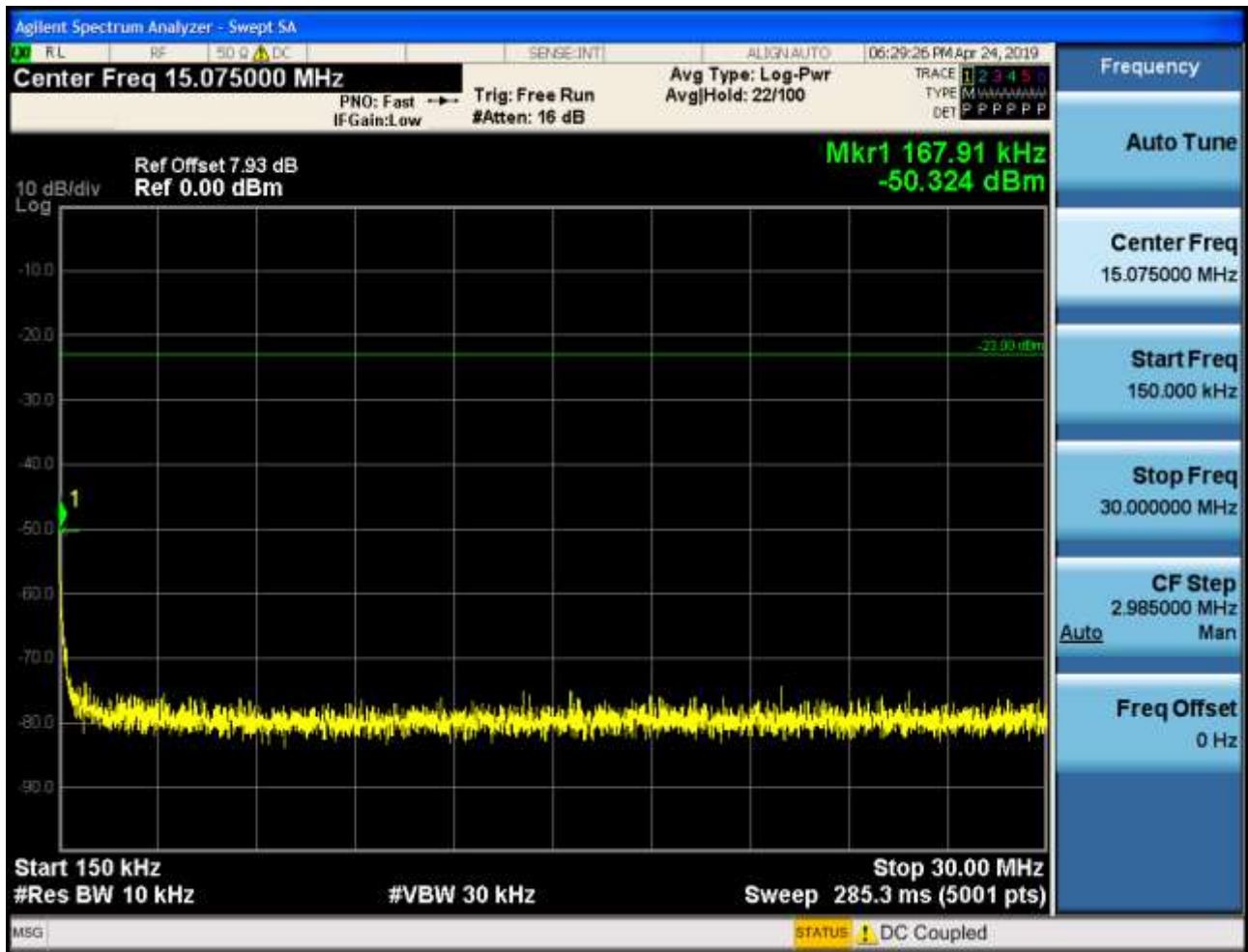


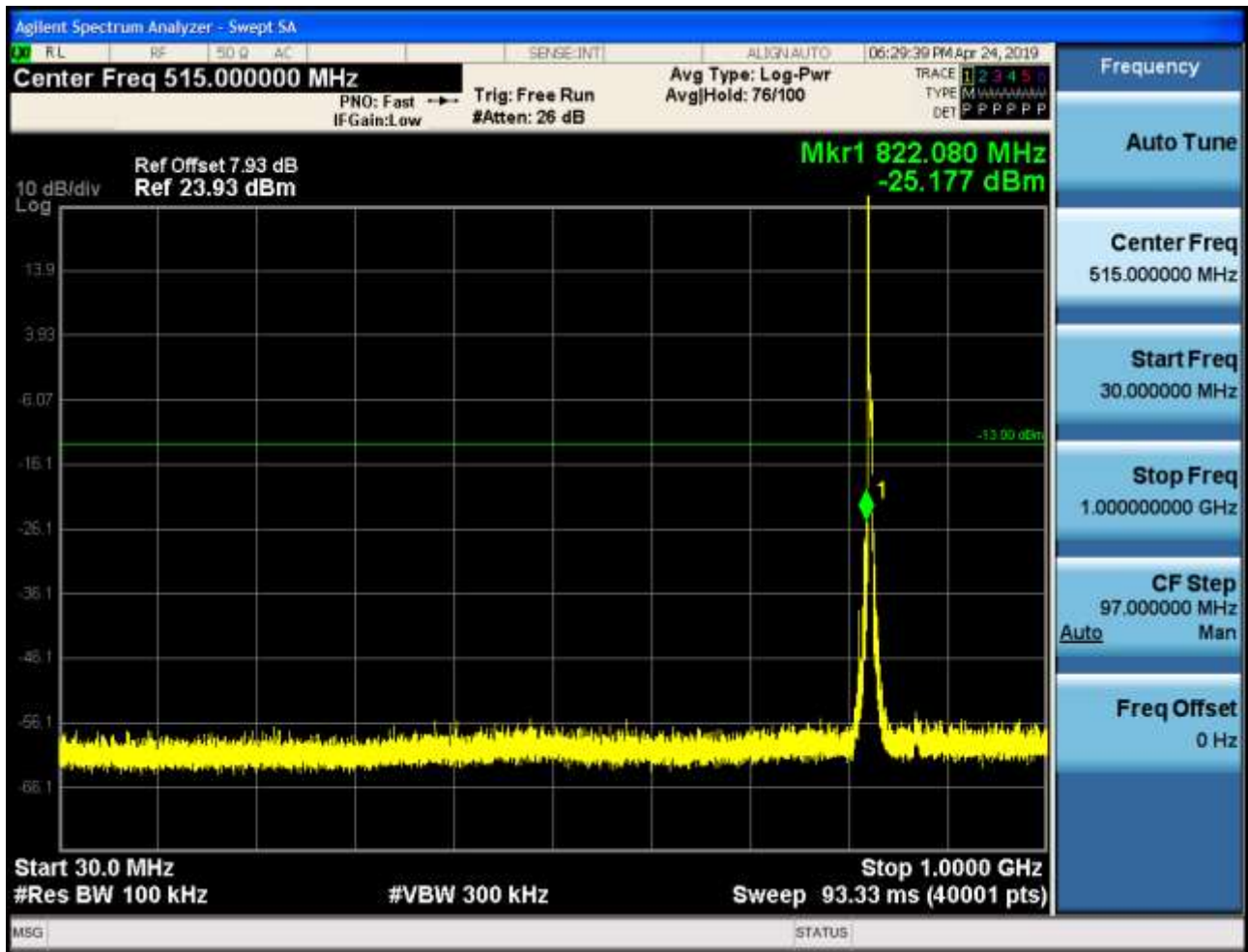
6.2.1.2.3 Test Bandwidth = 5

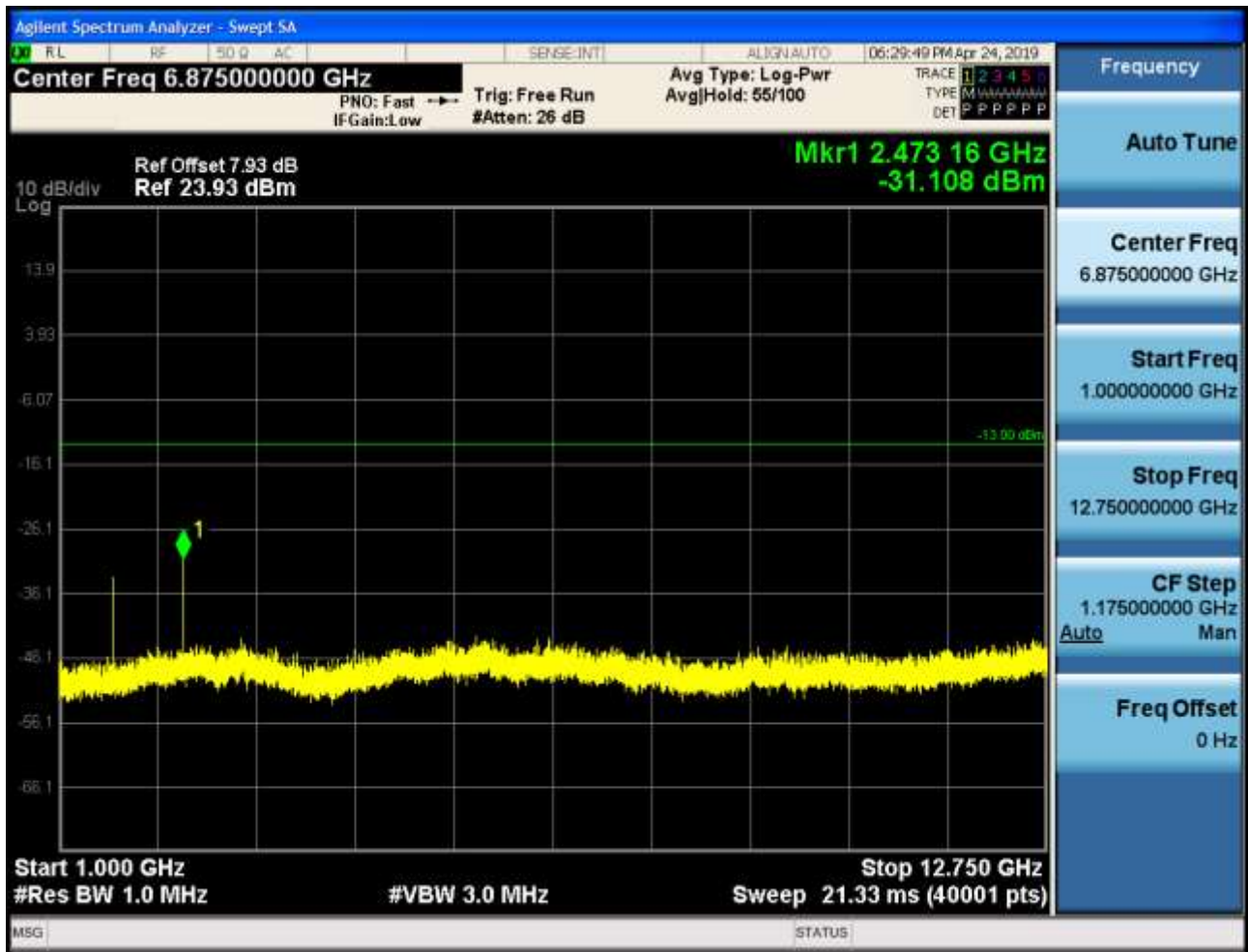
6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0





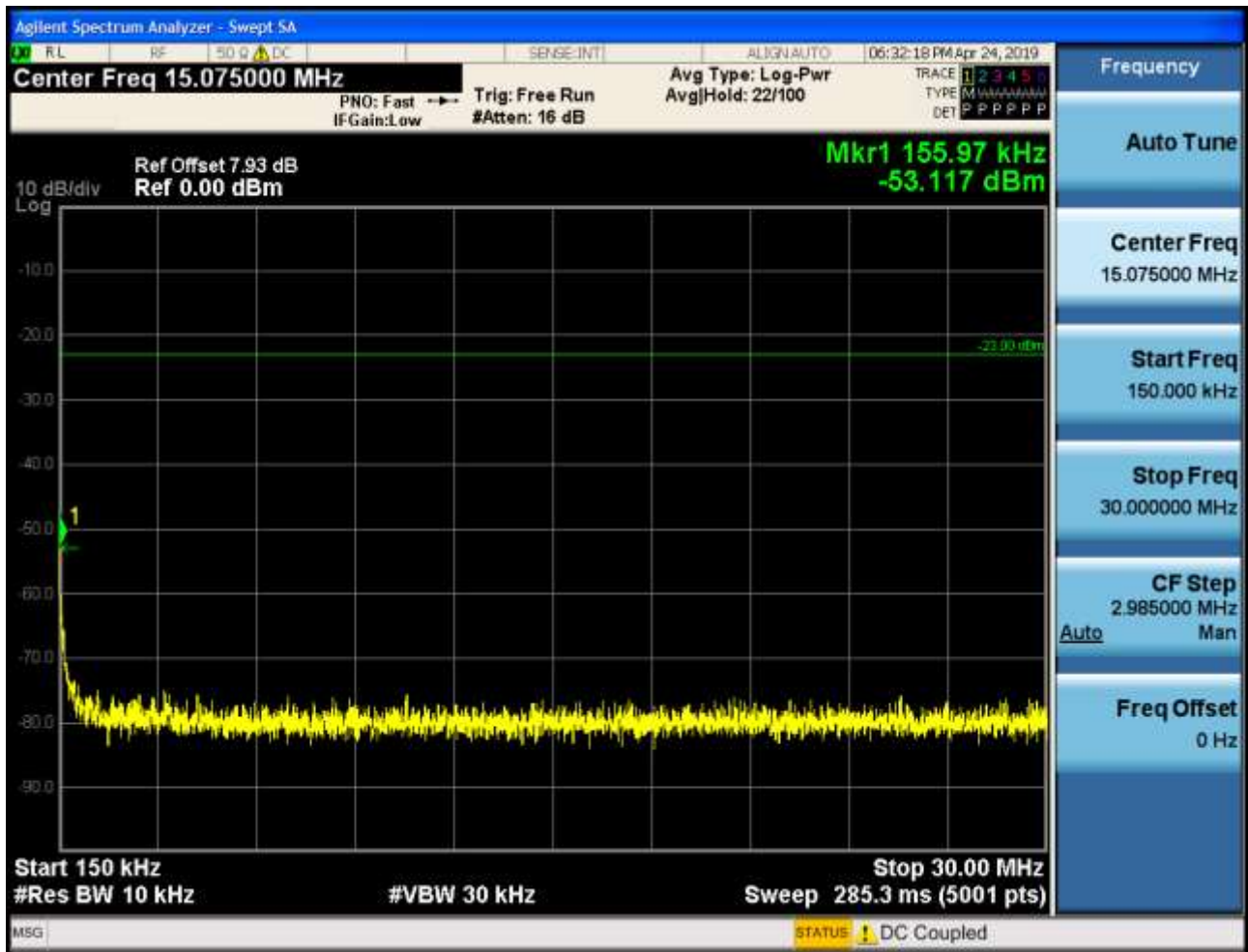


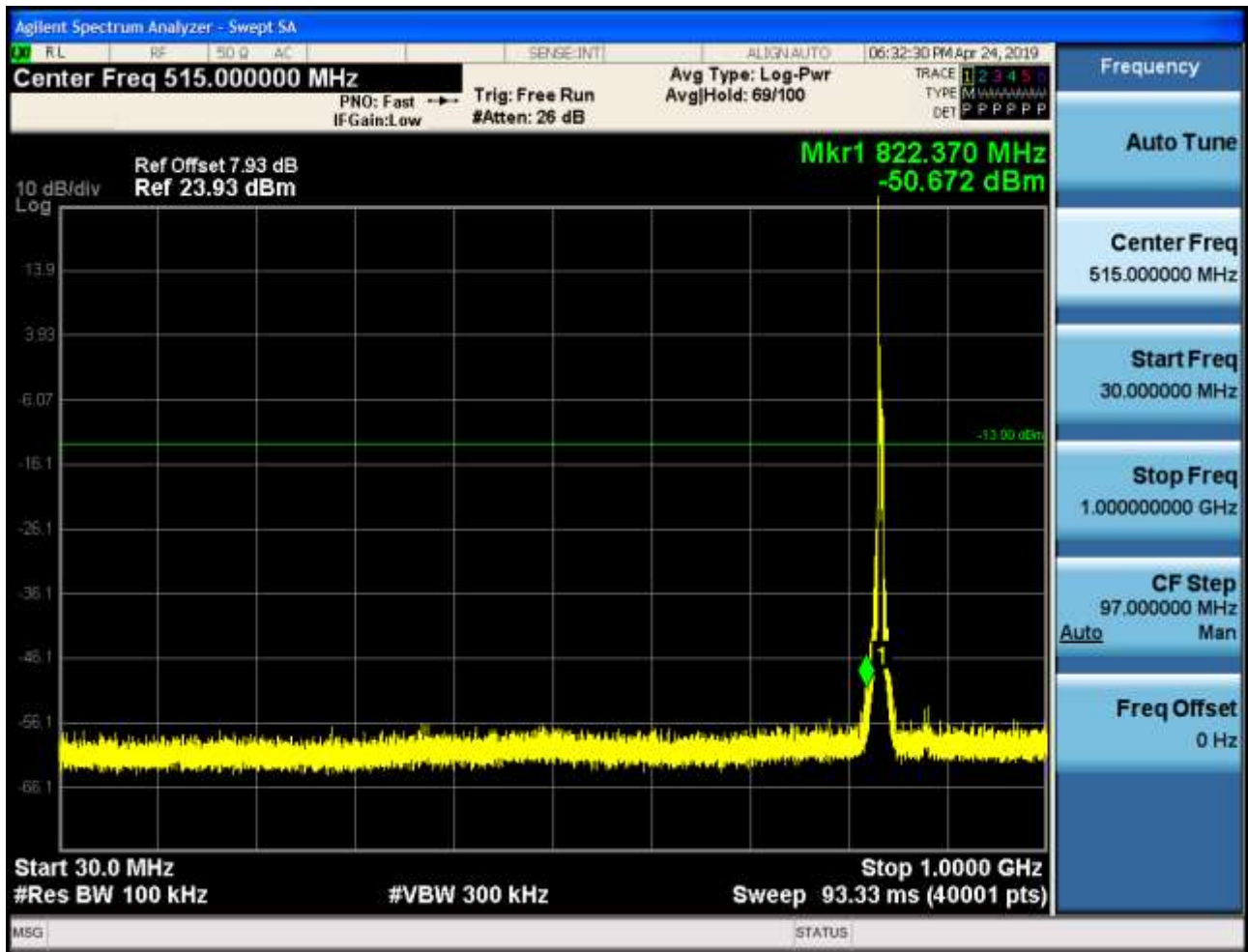


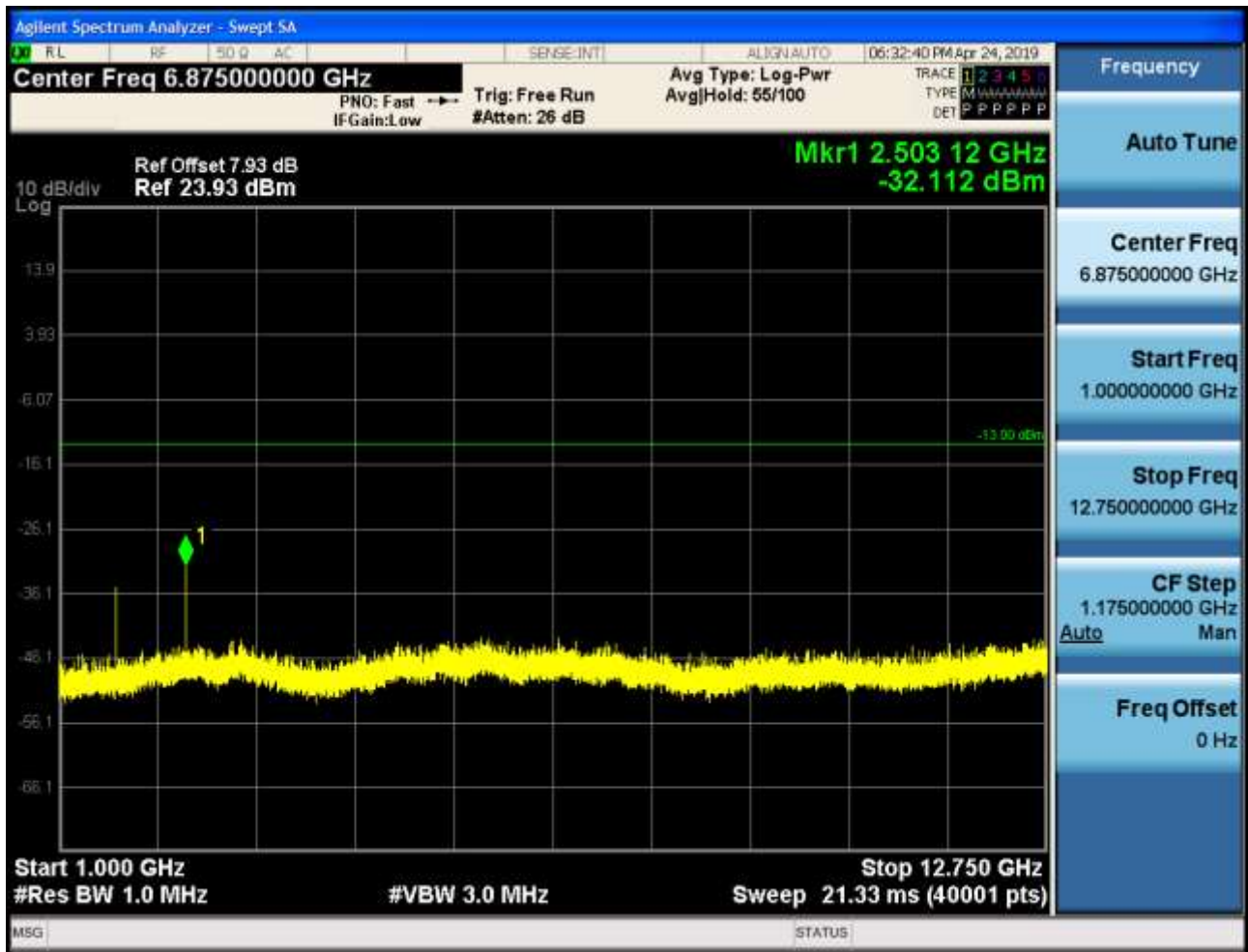
6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0





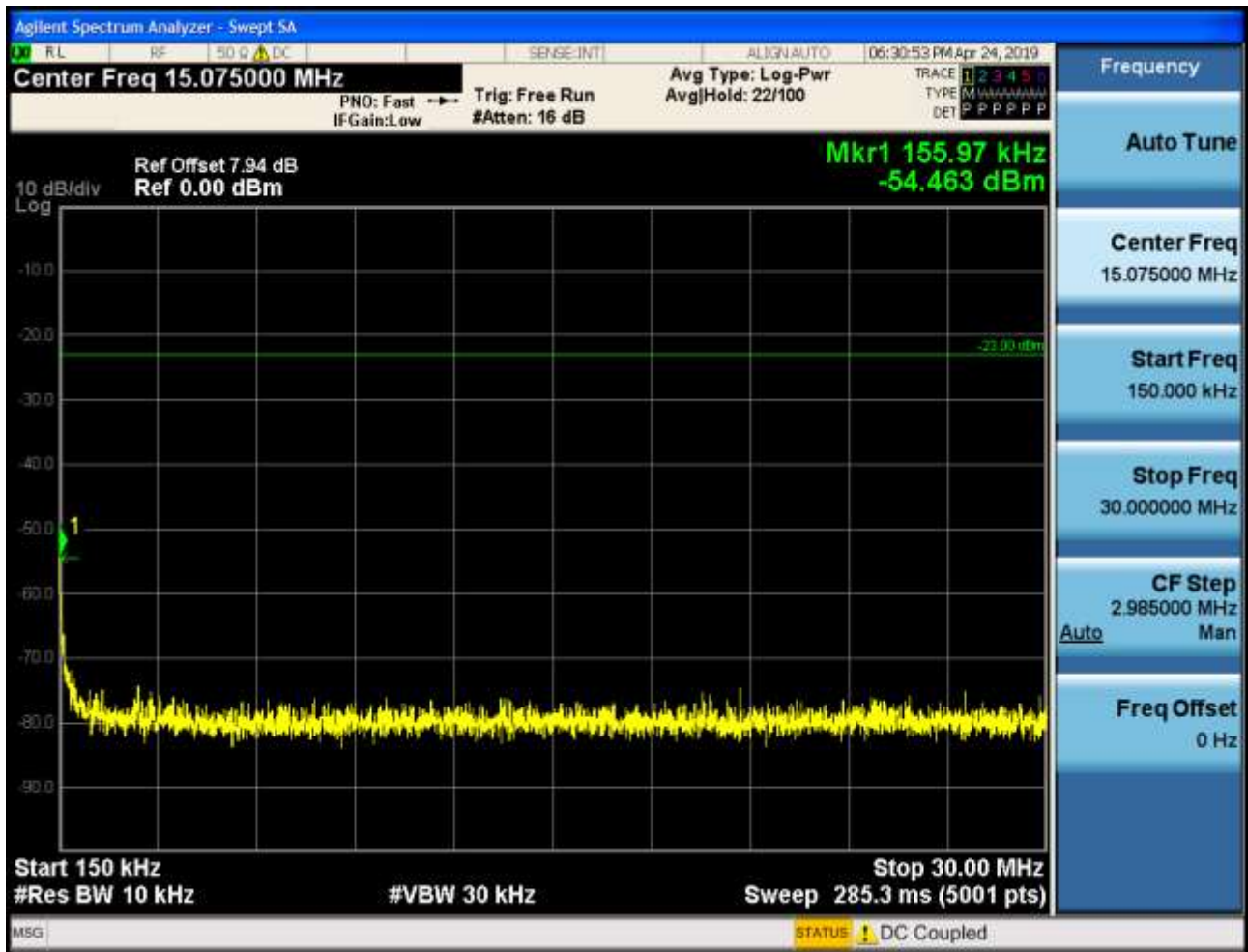


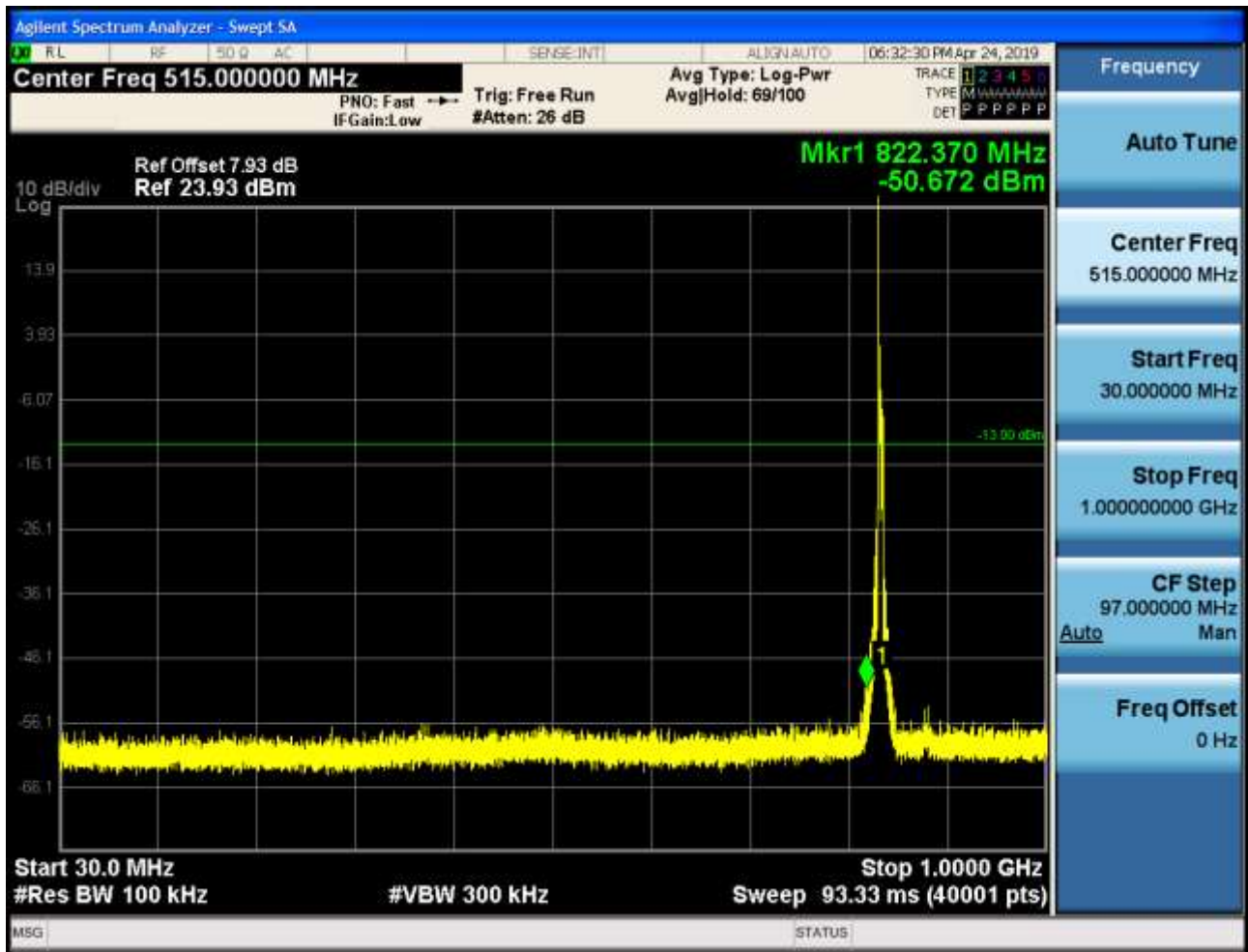


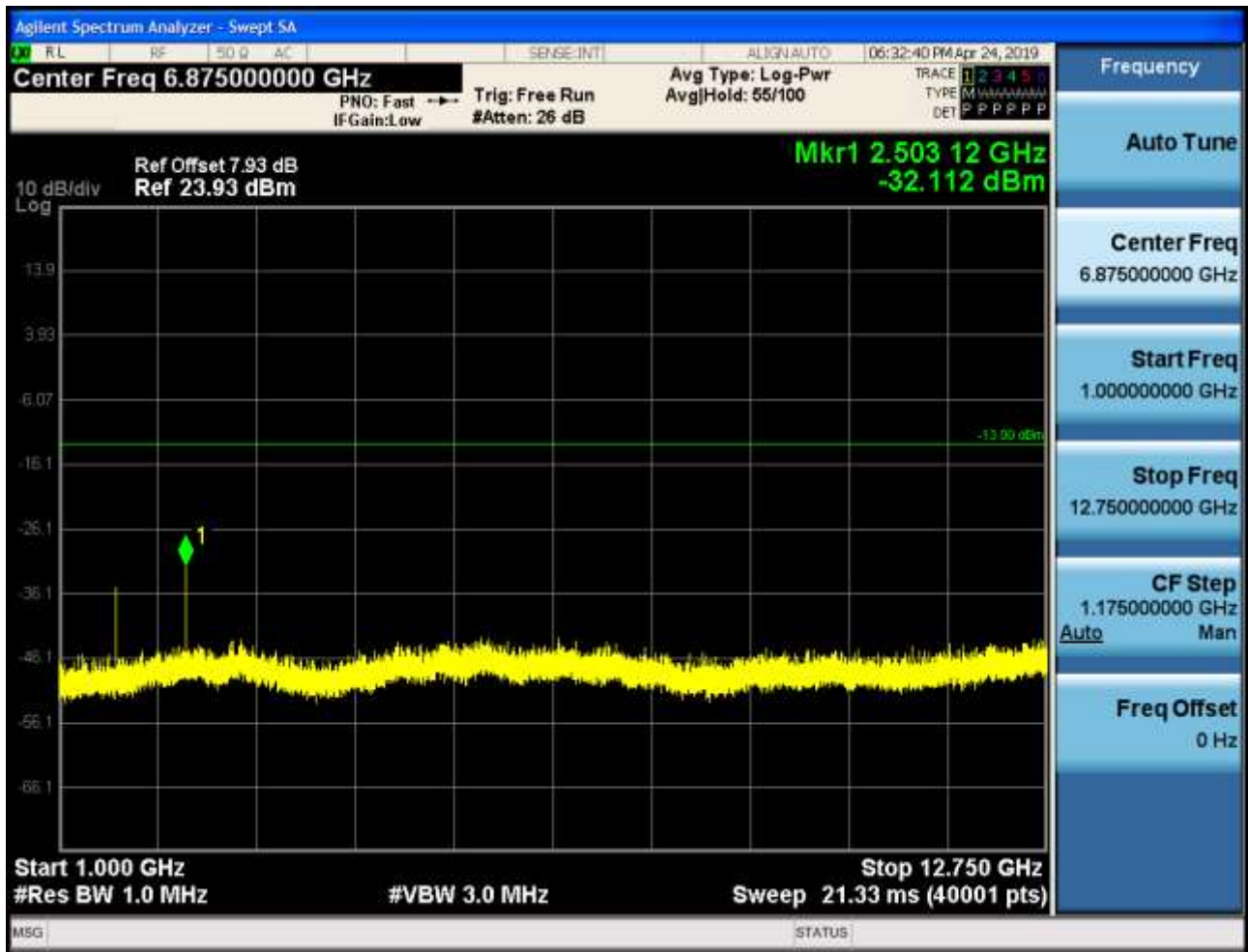
6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0





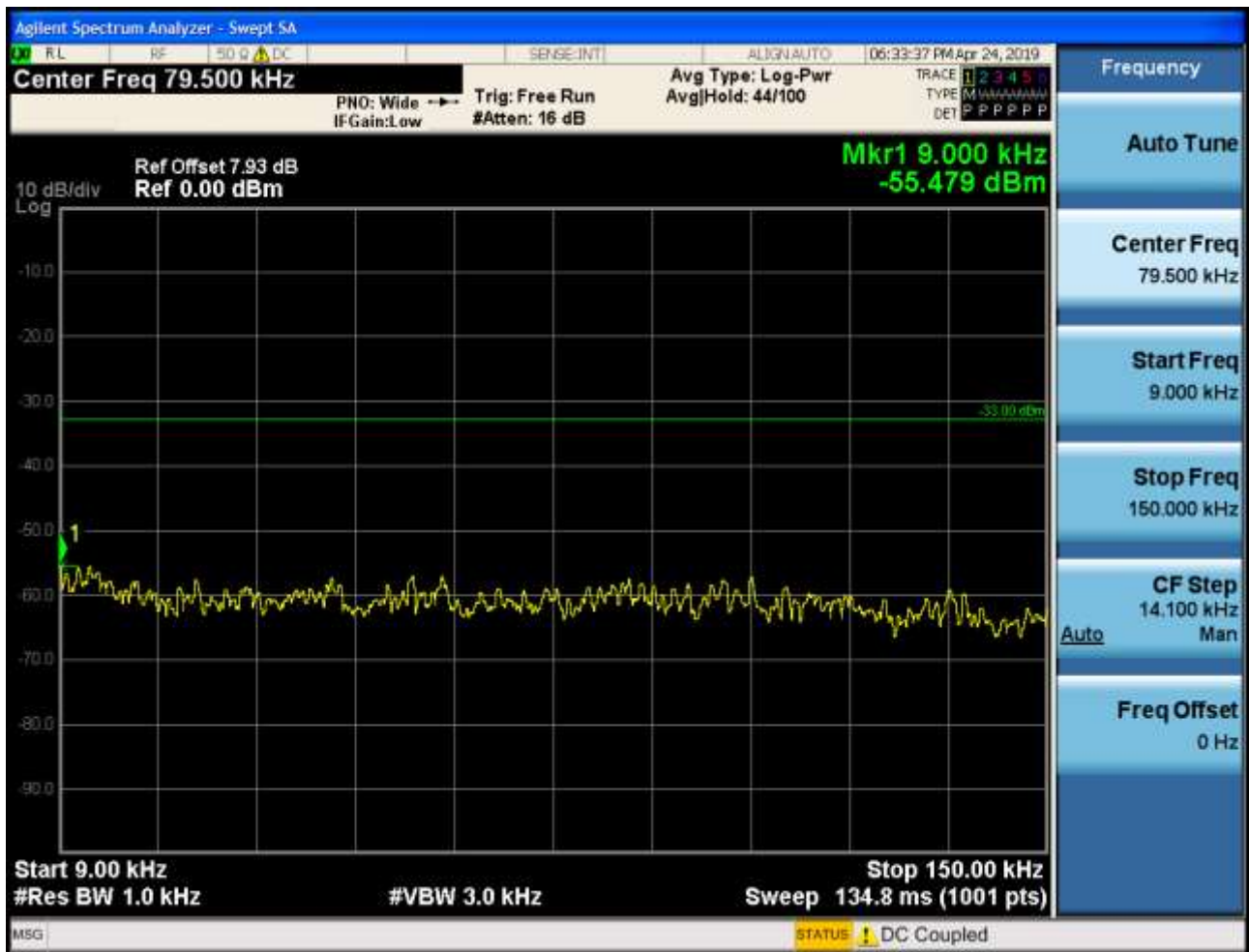


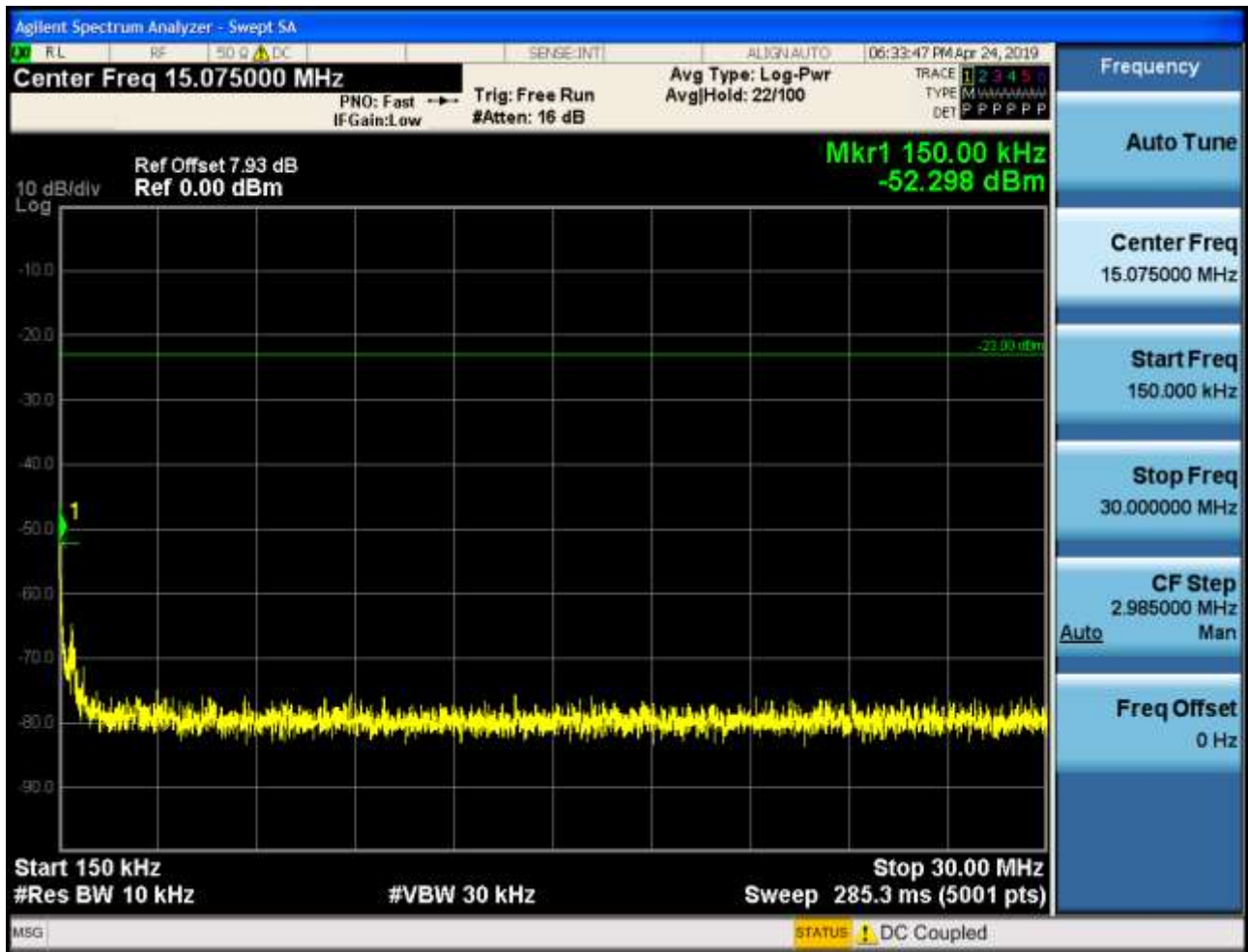


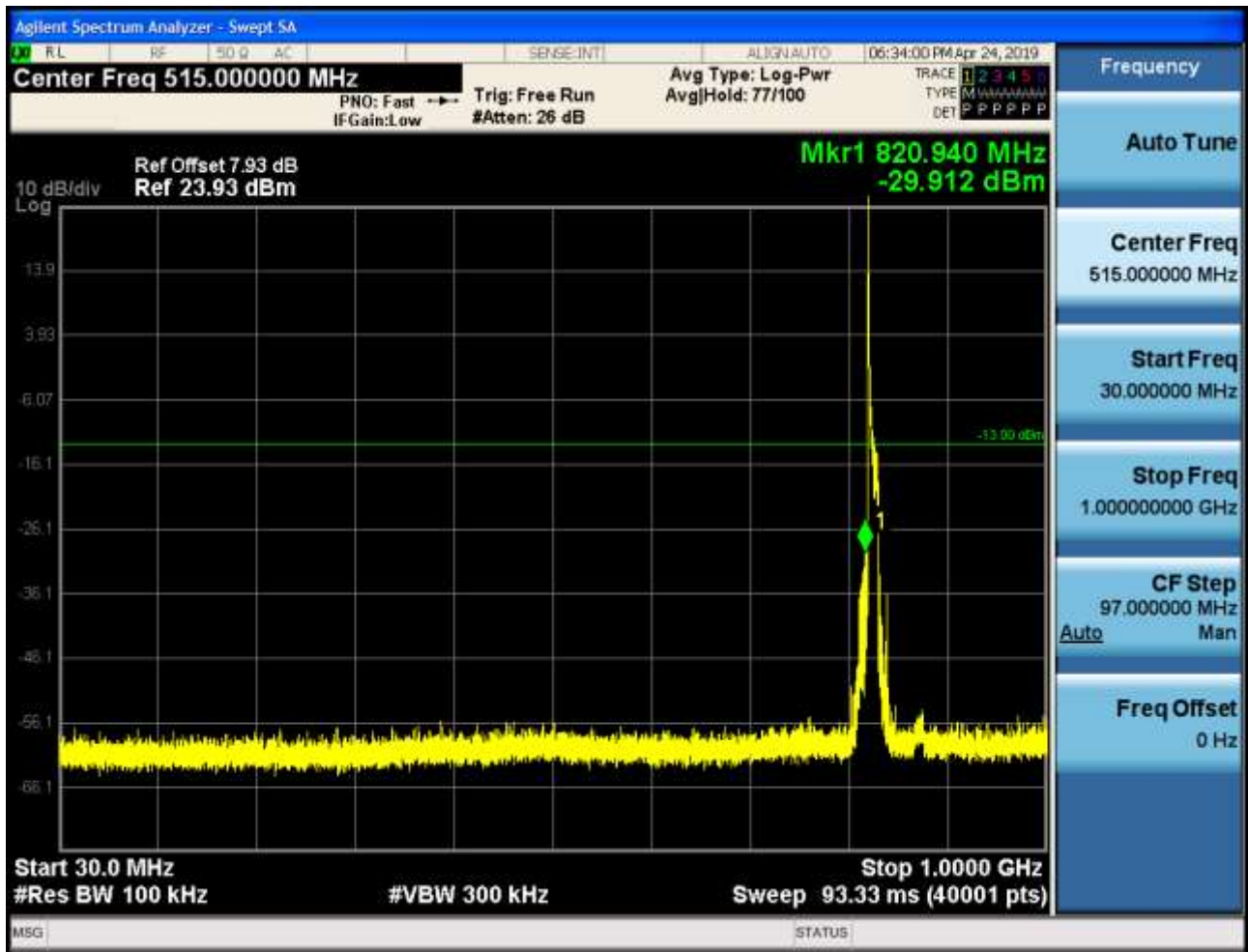
6.2.1.2.4 Test Bandwidth = 10

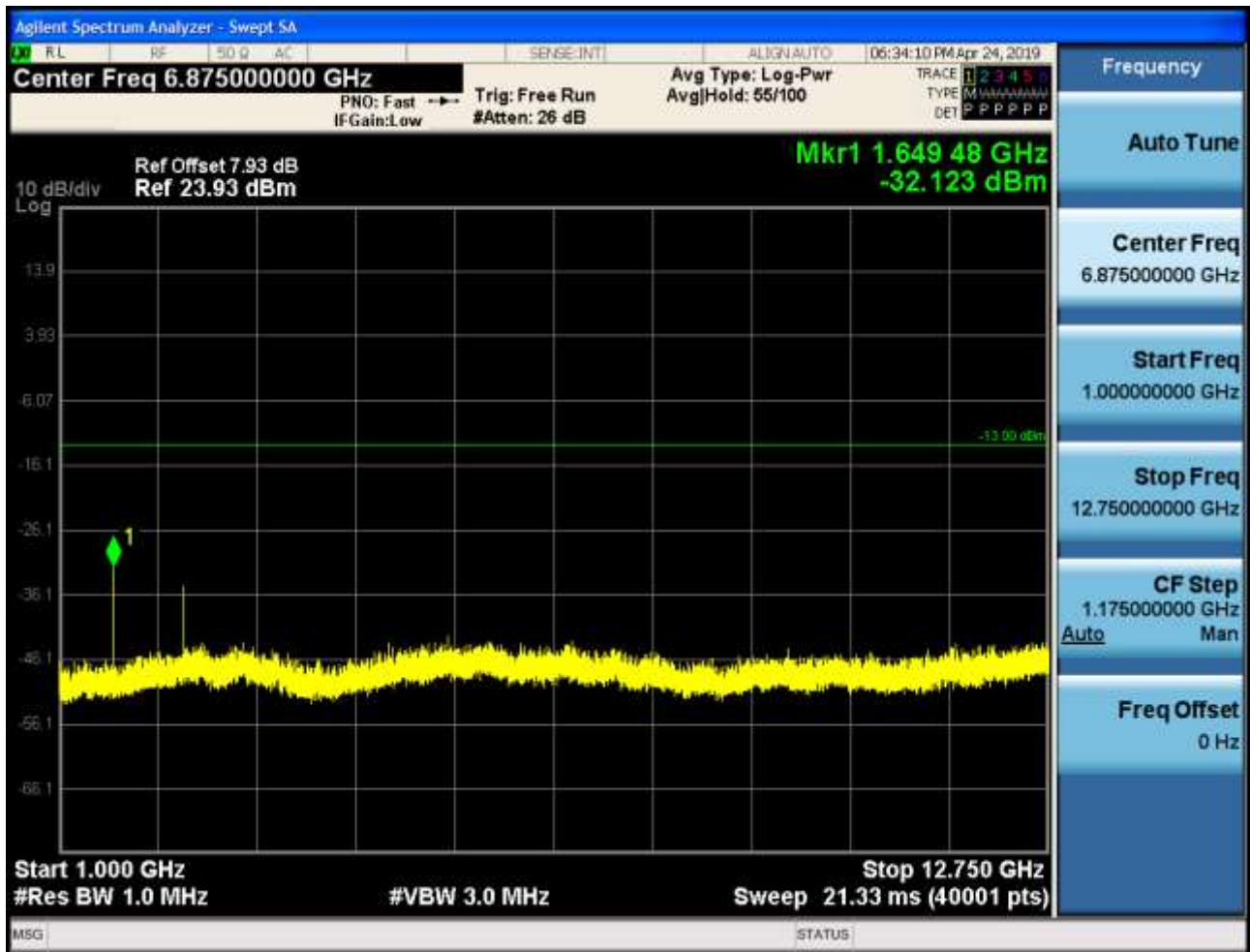
6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0





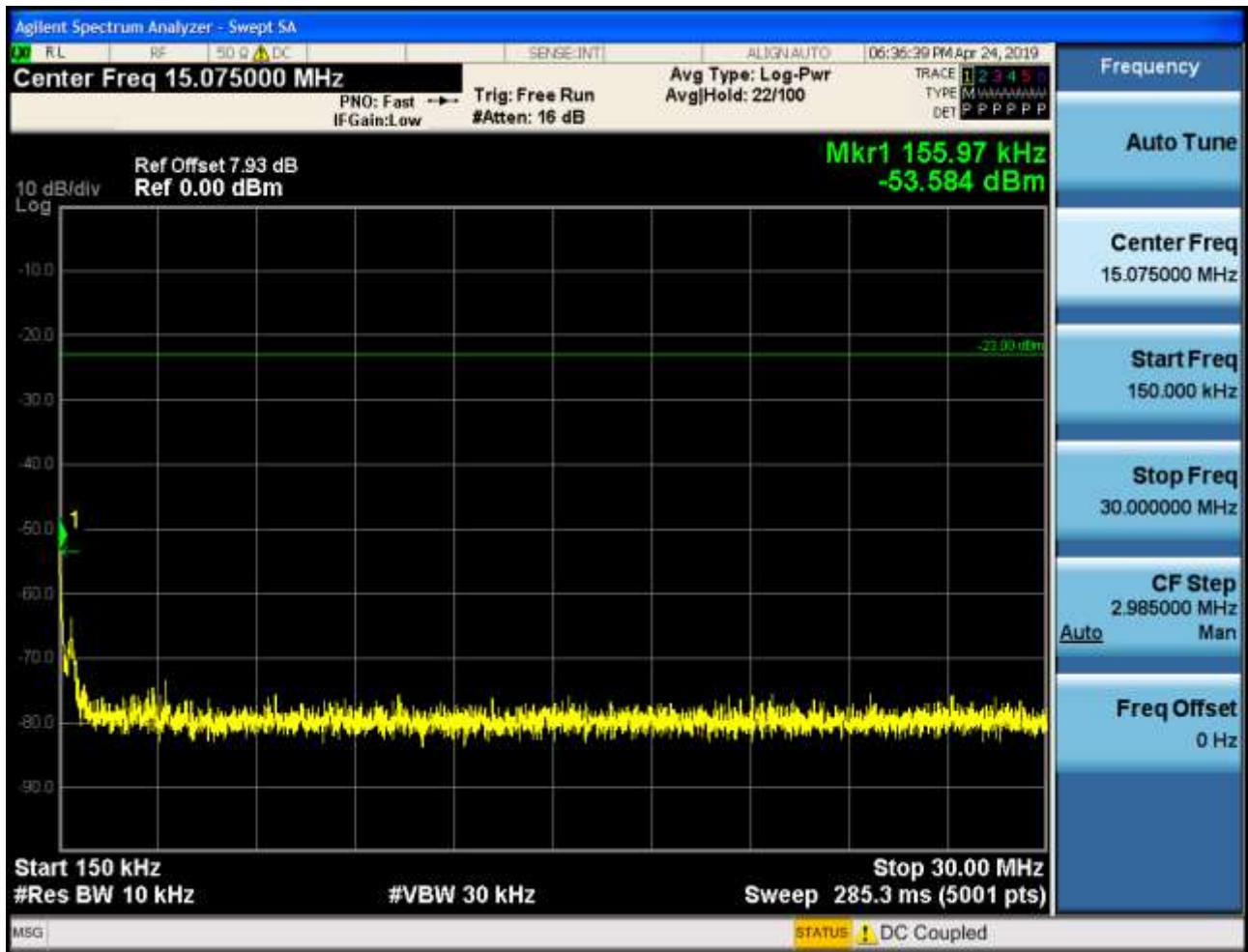


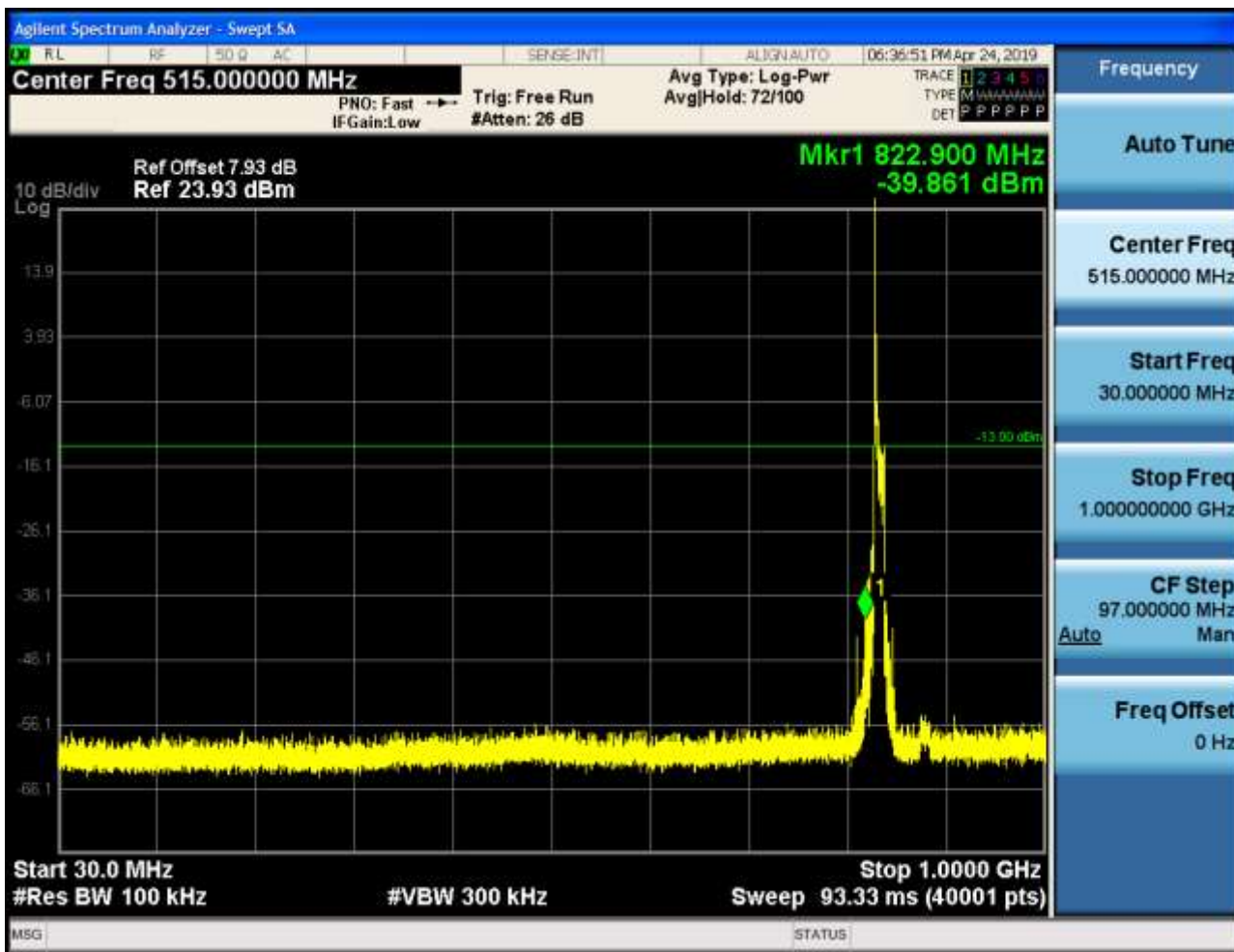


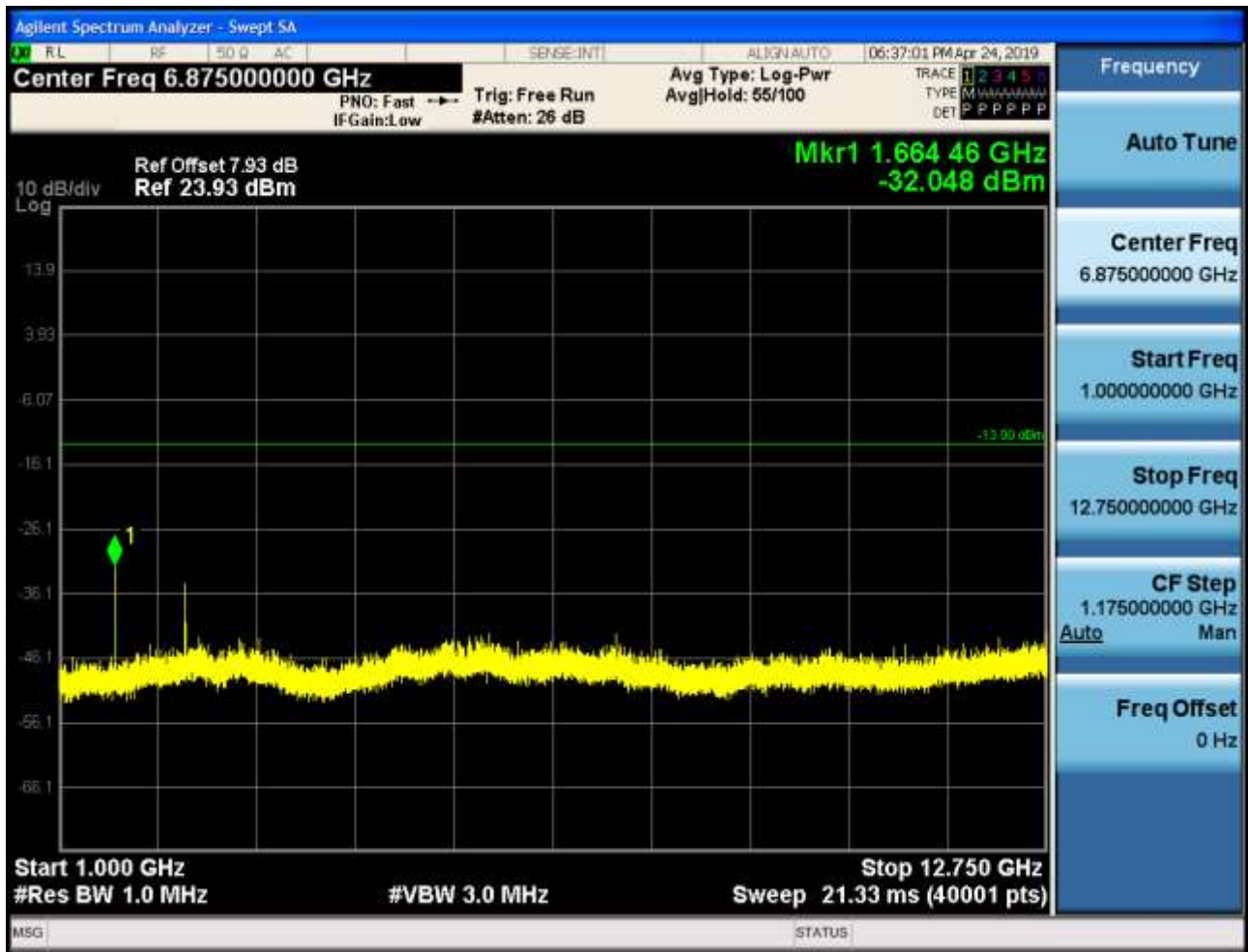
6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0





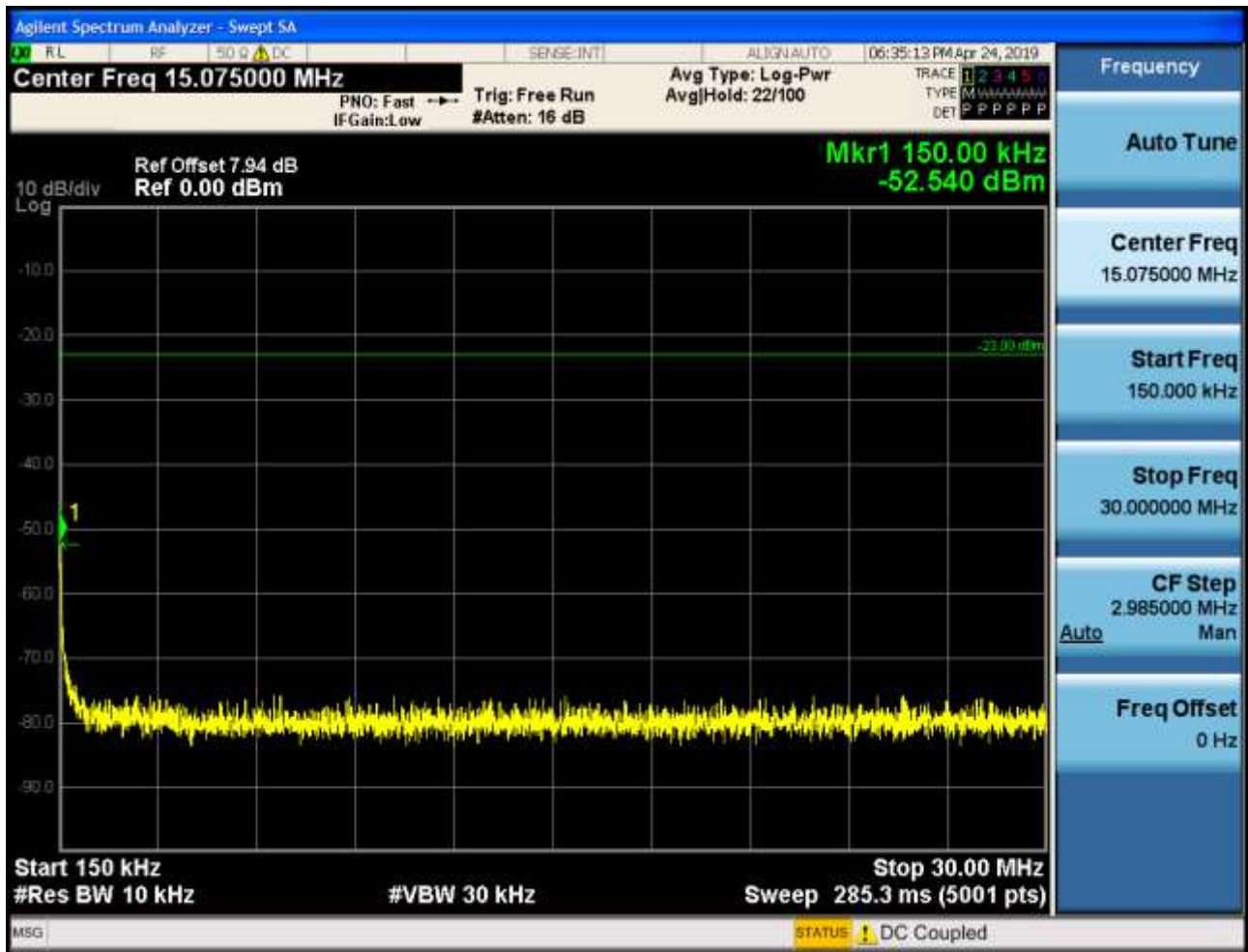


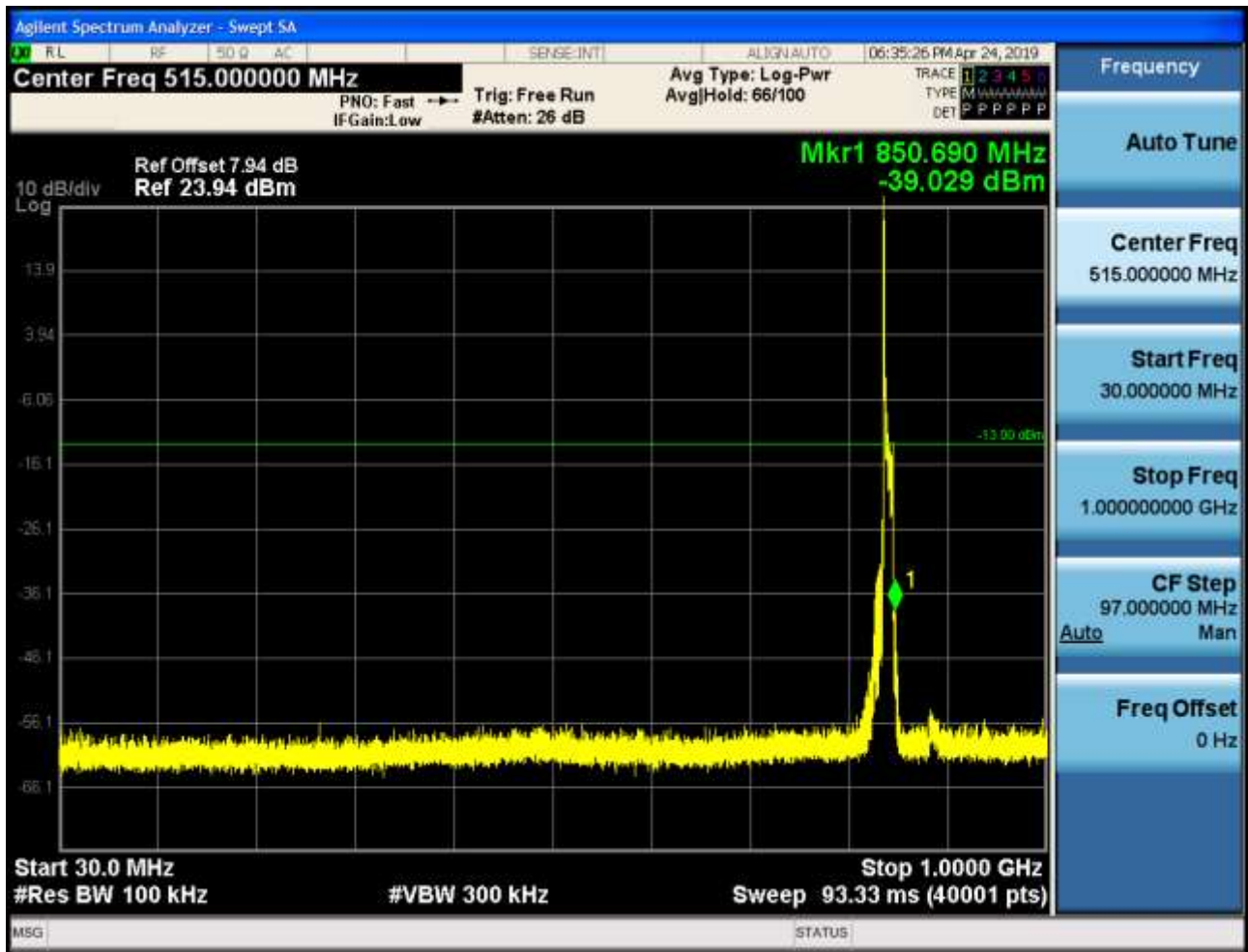


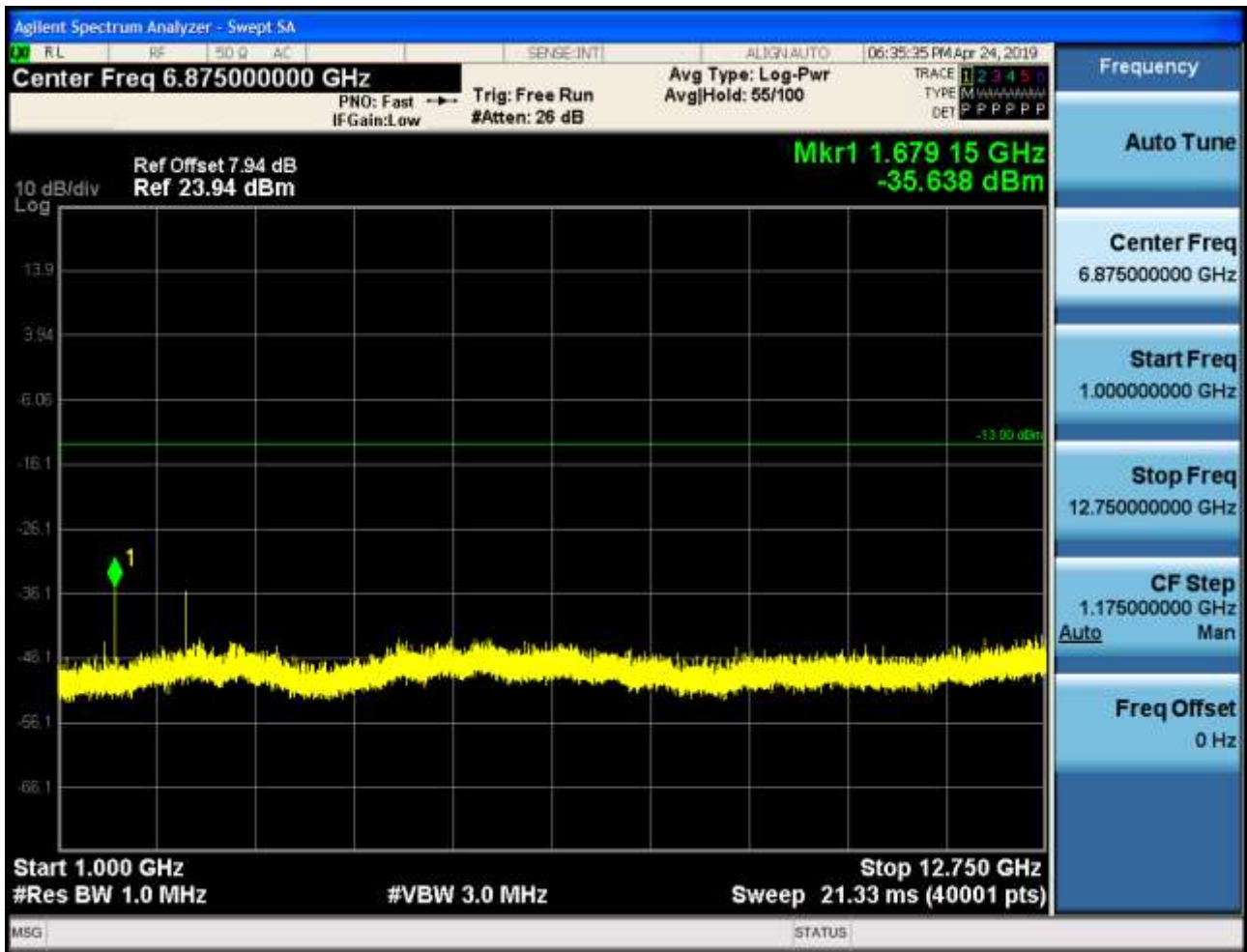
6.2.1.2.4.3 Test Channel = HCH

6.2.1.2.4.3.1 Test RB = RB1#0









7Appendix_G: Field Strength of Spurious Radiation

Note:

1. We tested all modes, but the data presented below is the worst case.
2. For Wireless charging protective case we only tested the RSE of 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

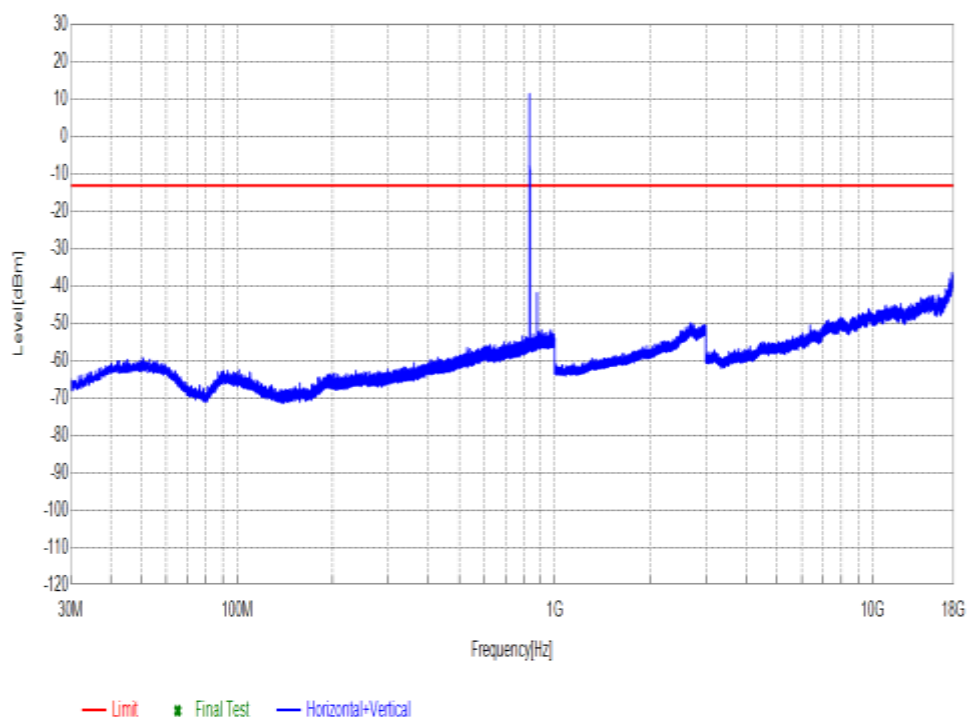
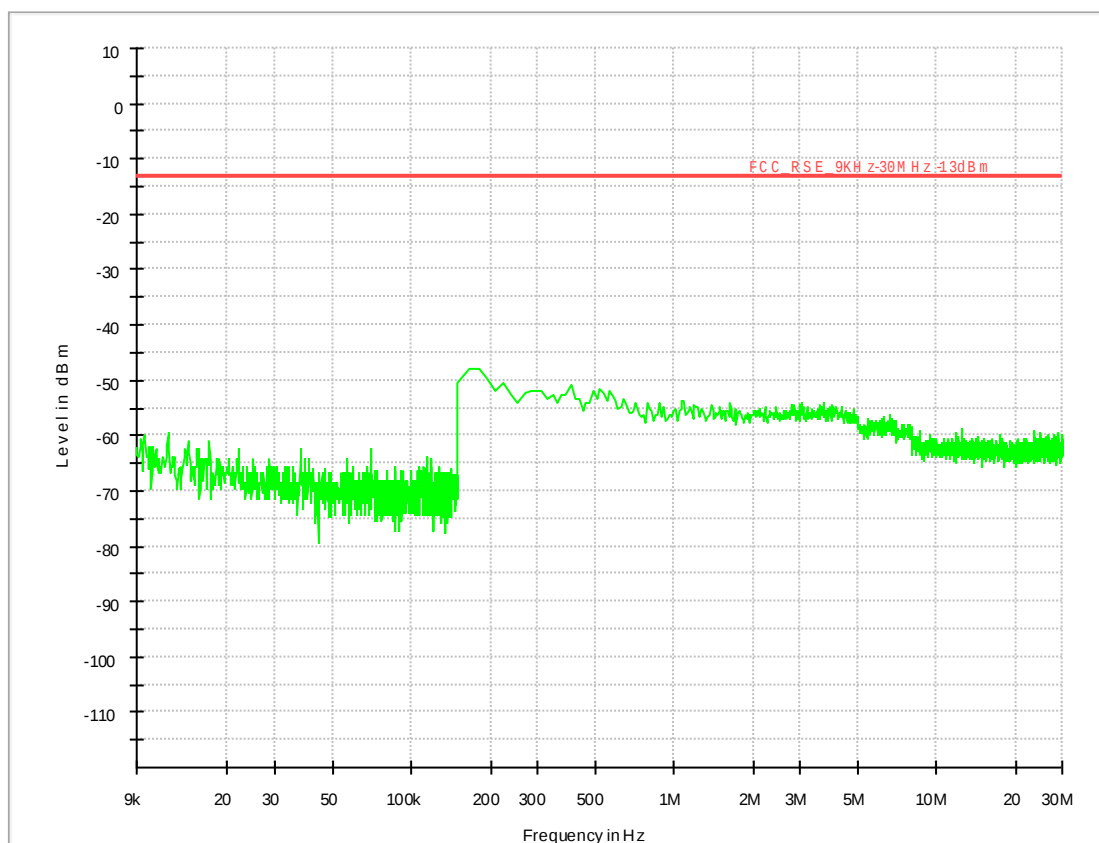
Part I - Test Plots

7.1 For LTE

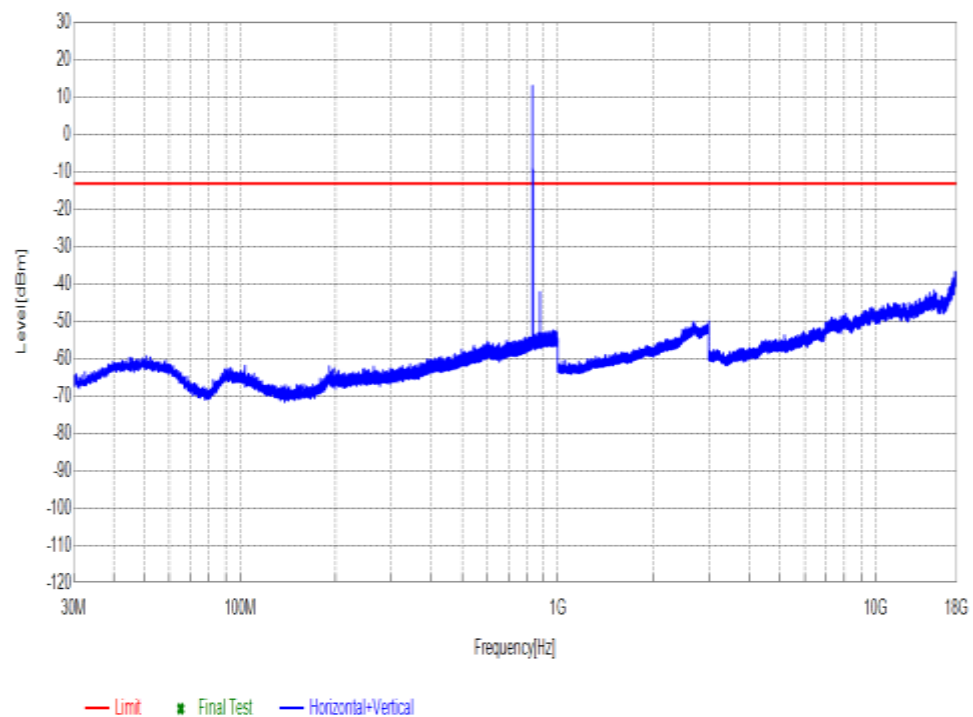
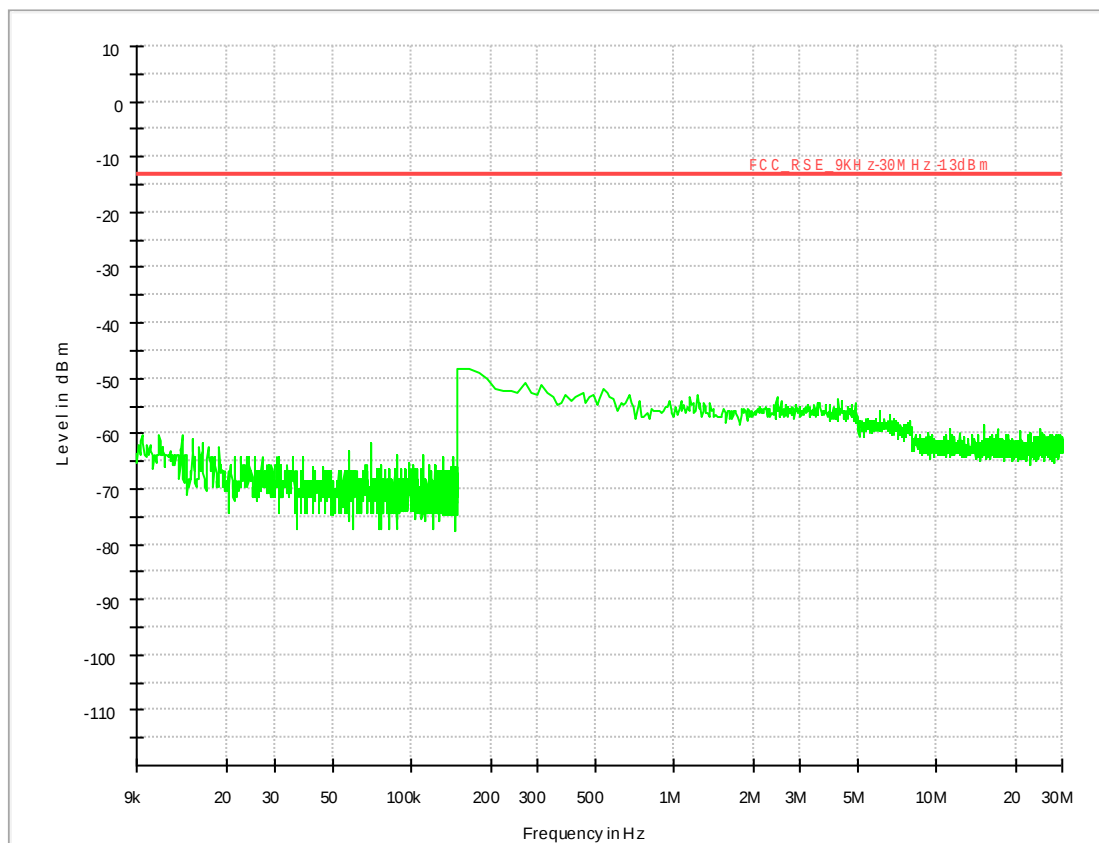
7.1.1 Test Band = Band5

7.1.1.1 Test Bandwidth = 1.4

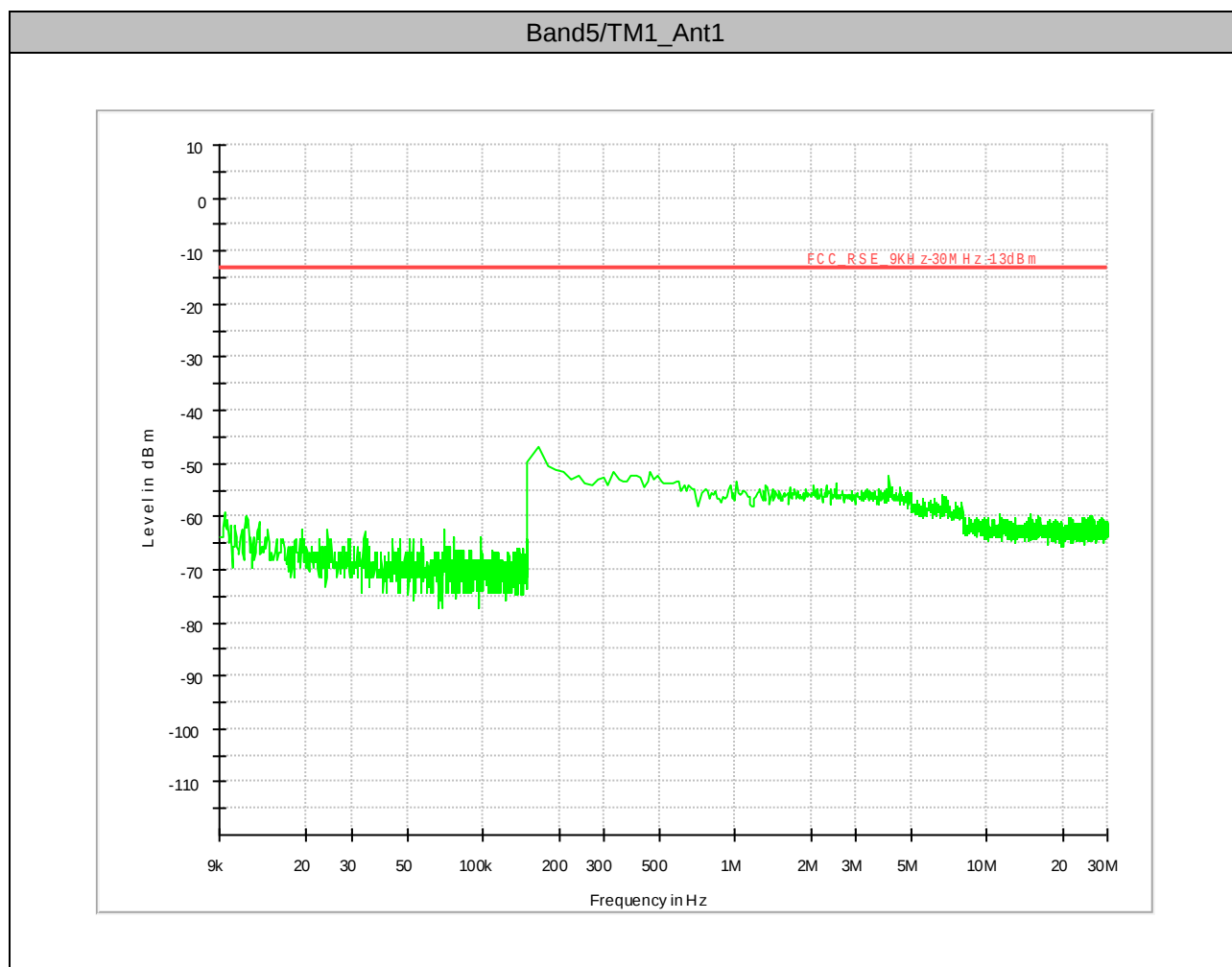
Band5/TM1_Ant1

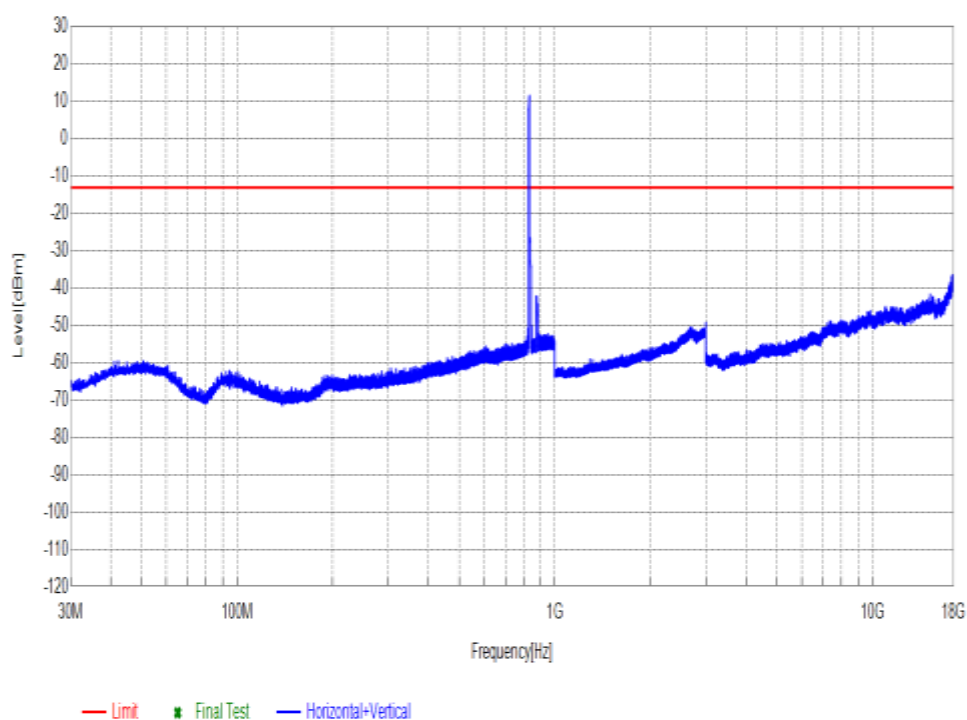


Band5/TM1_Ant2

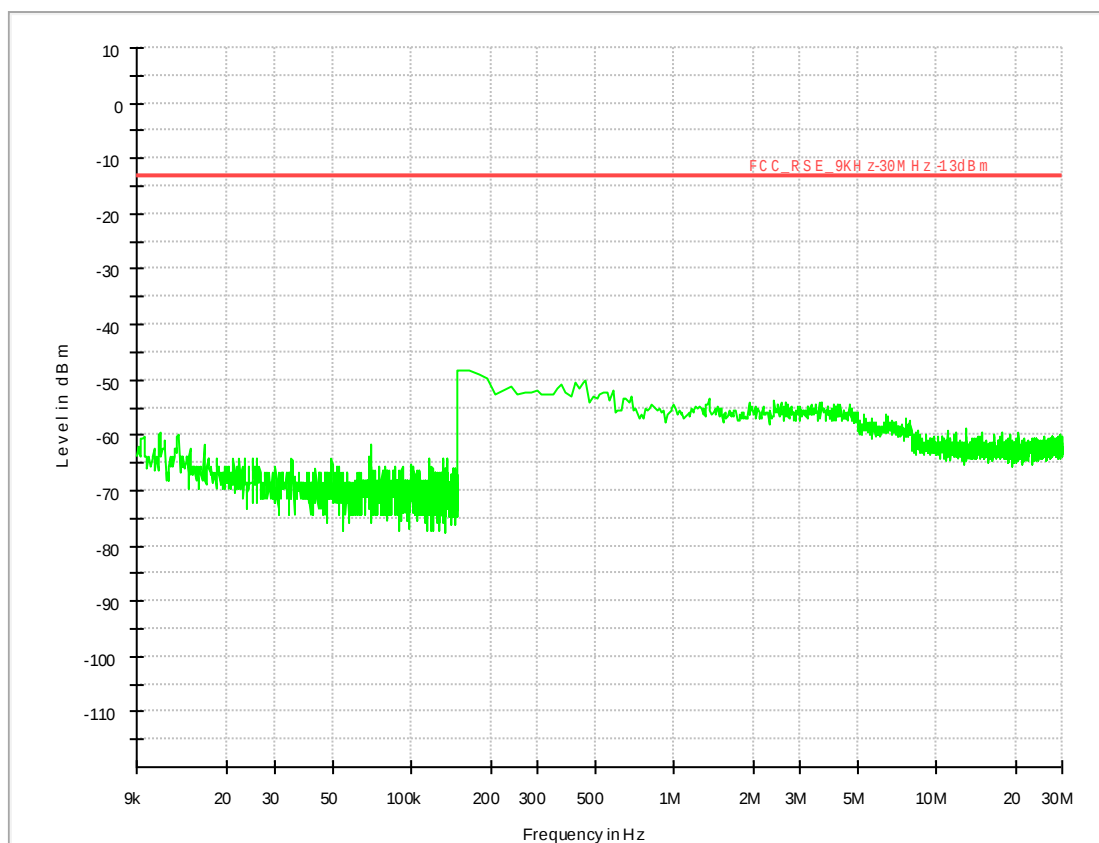


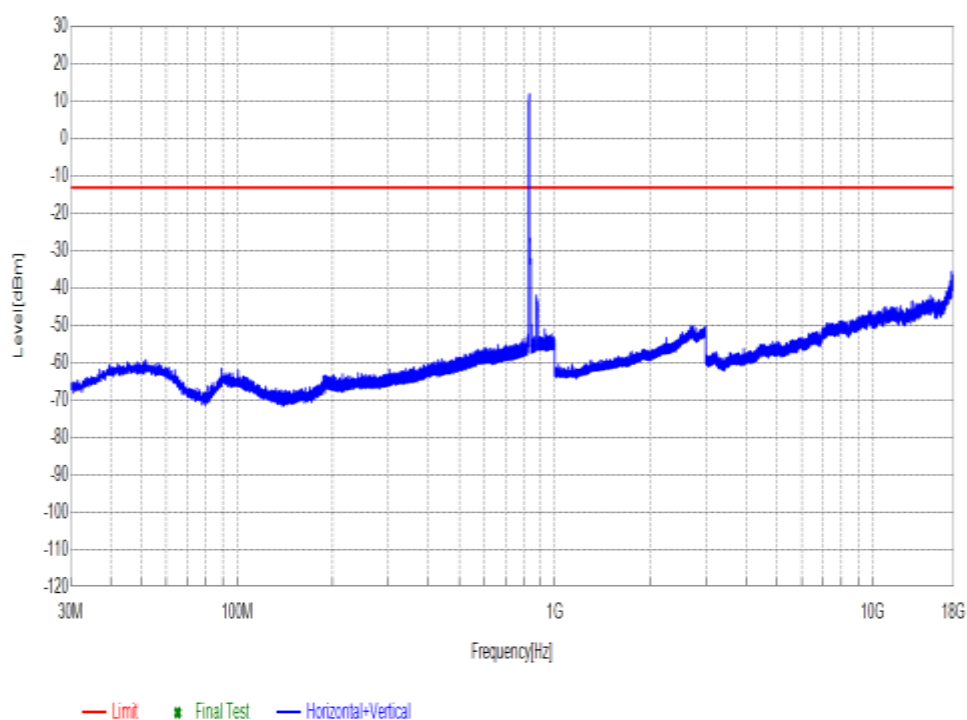
7.1.1.2 Test Bandwidth = 10





Band5/TM1_Ant2



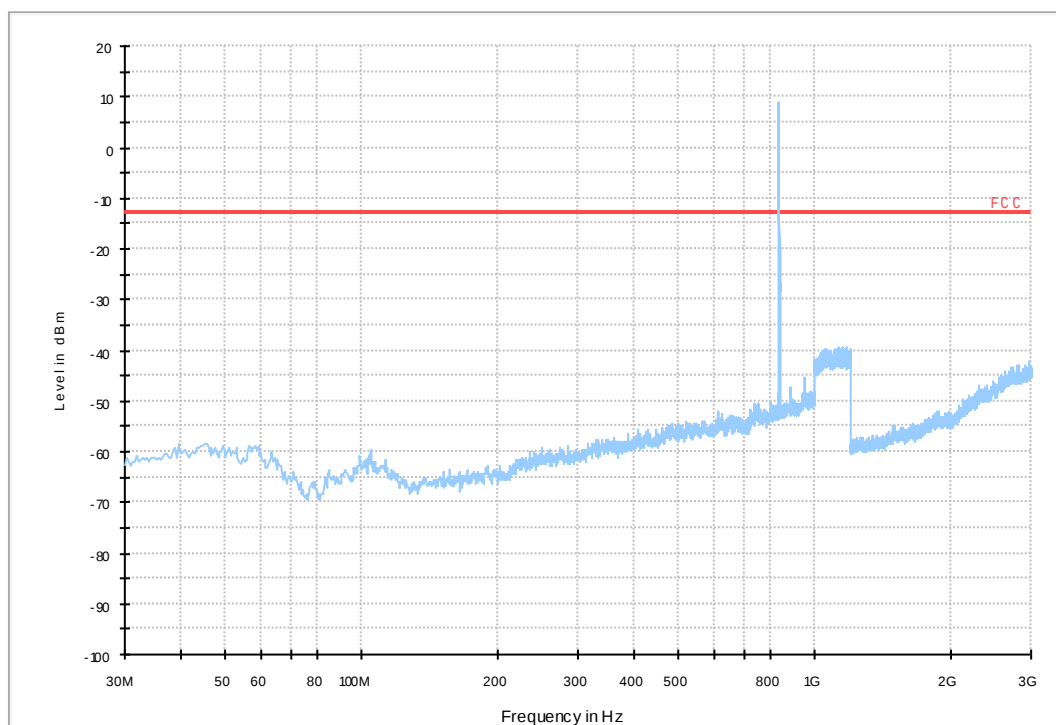


7.1.2 Test Band = Band5 (Wireless charging protective case)

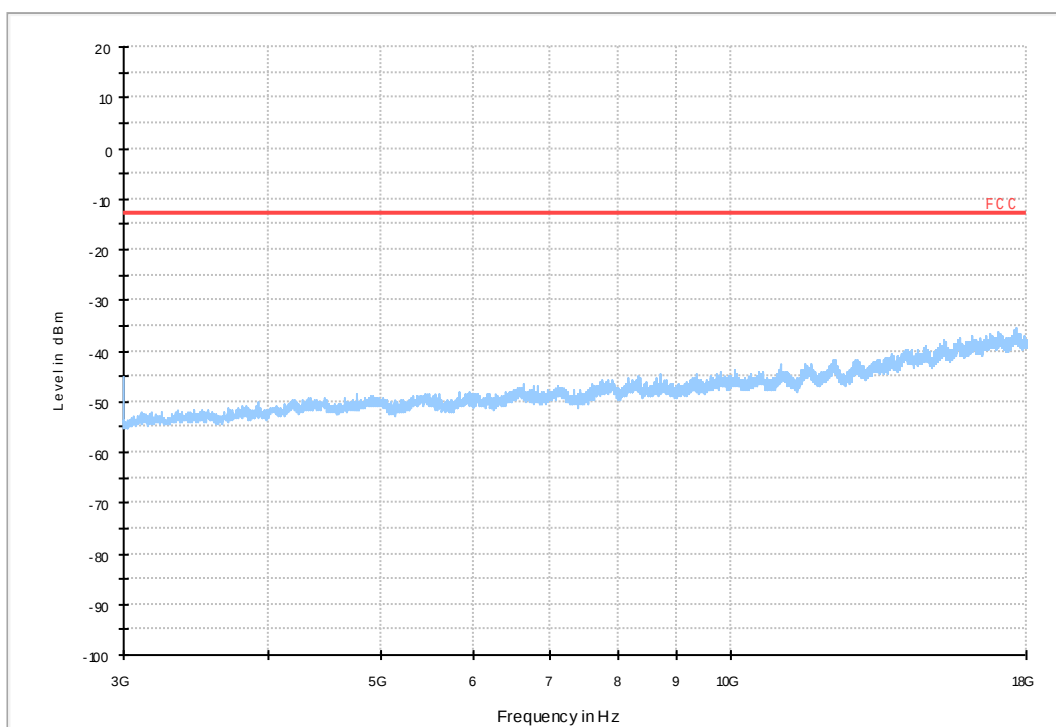
7.1.2.1 Test Bandwidth = 1.4

Band5 /TM1_Ant1(adaptor + Wireless Charging Case) worst case

LTE FDD RSE-TX-DIRECT OR BELOW 1G_L

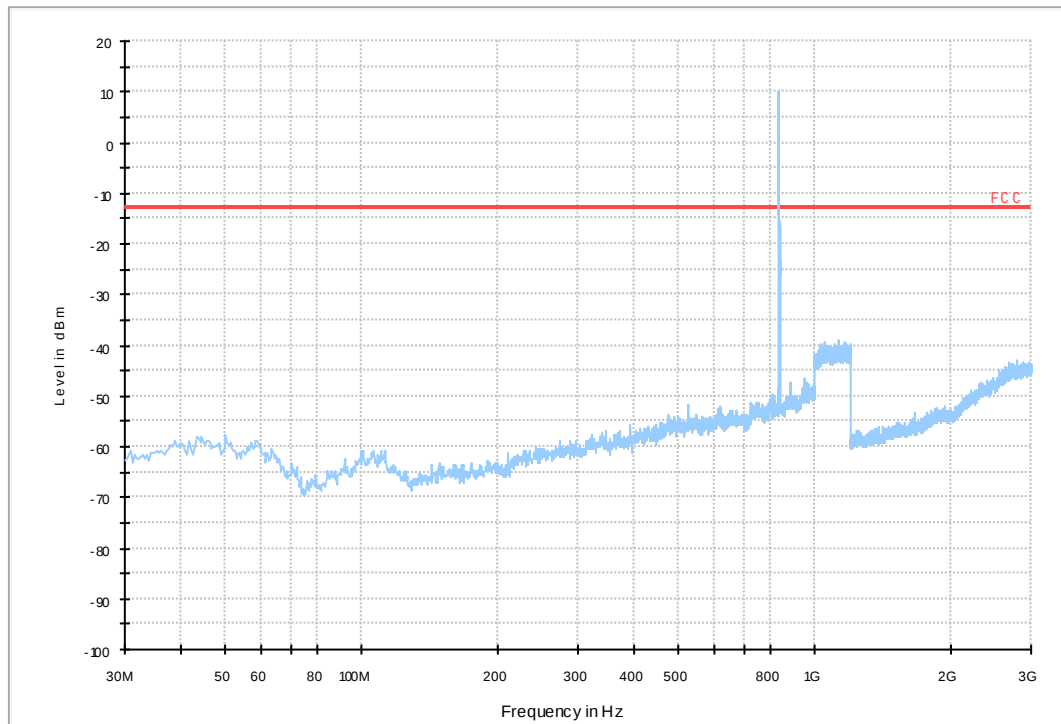


LTE FDD RSE-TX-DIRECT OR BELOW 1G_H

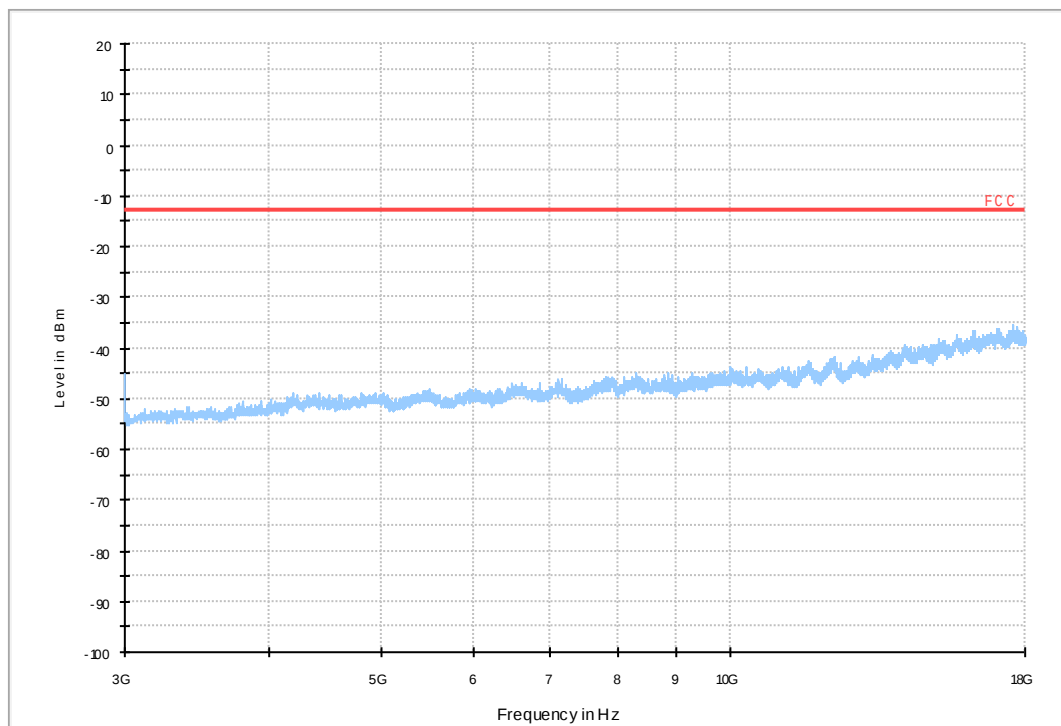


Band5/TM1_Ant2(adaptor + Wireless Charging Case) worst case

LTE FDD RSE-TX-DIRECT OR BELOW 1G_L

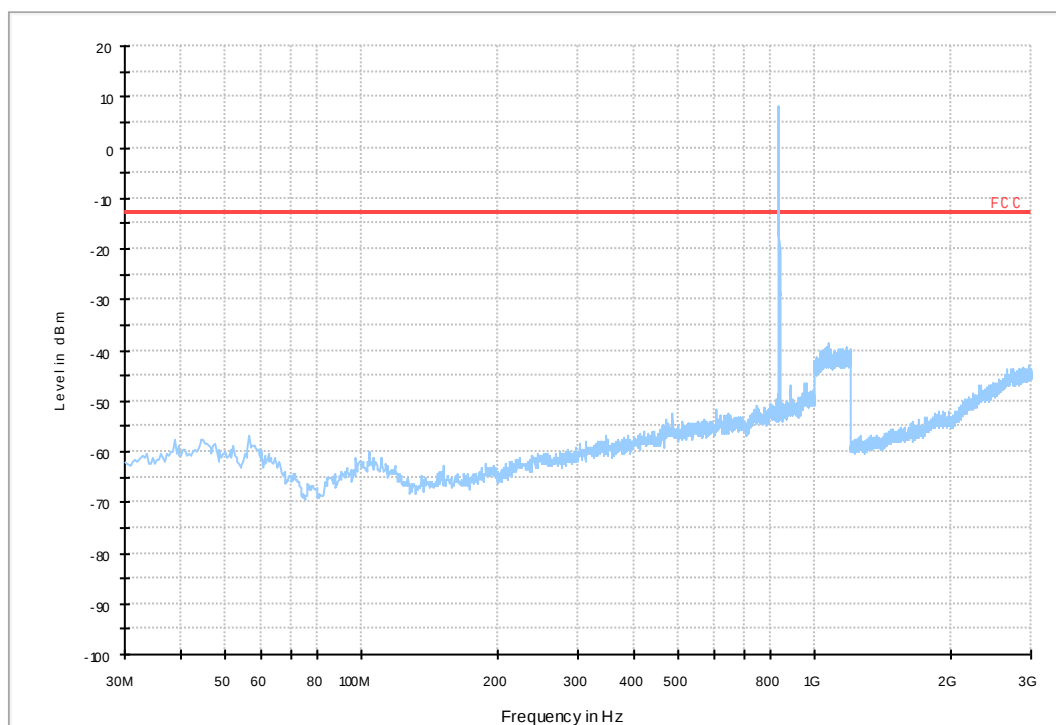


LTE FDD RSE-TX-DIRECT OR BELOW 1G_H

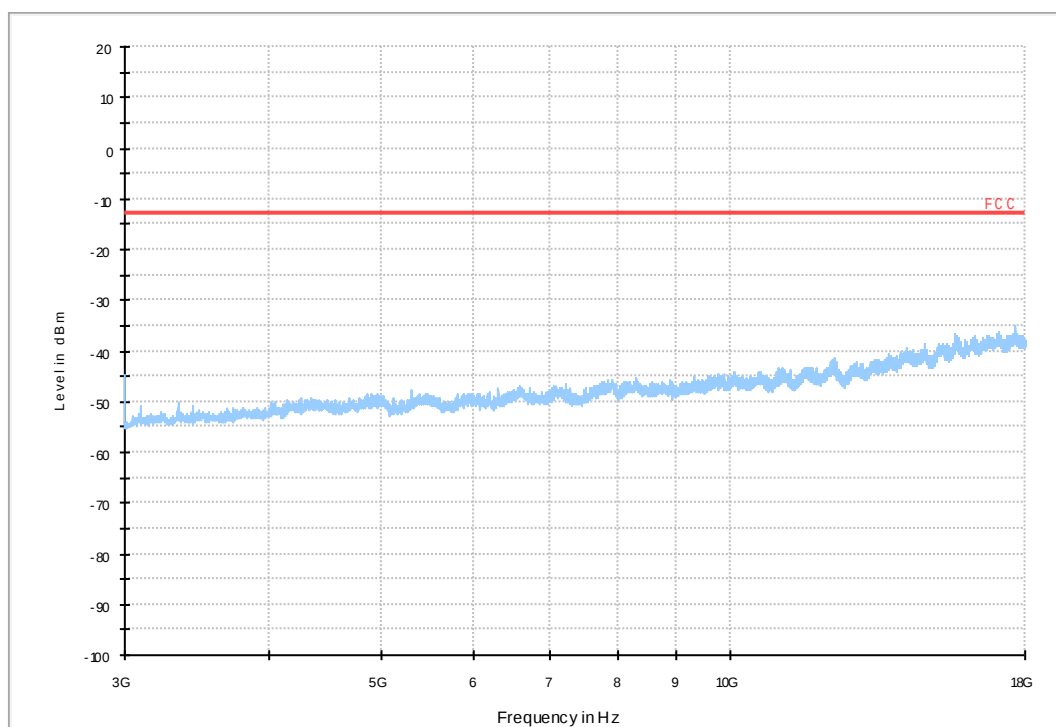


Band5 /TM1_Ant1 adaptor + Wireless charging charger+ Wireless Charging Case) worst case

LTE FDD RSE-TX-DIRECT OR BELOW 1G_L

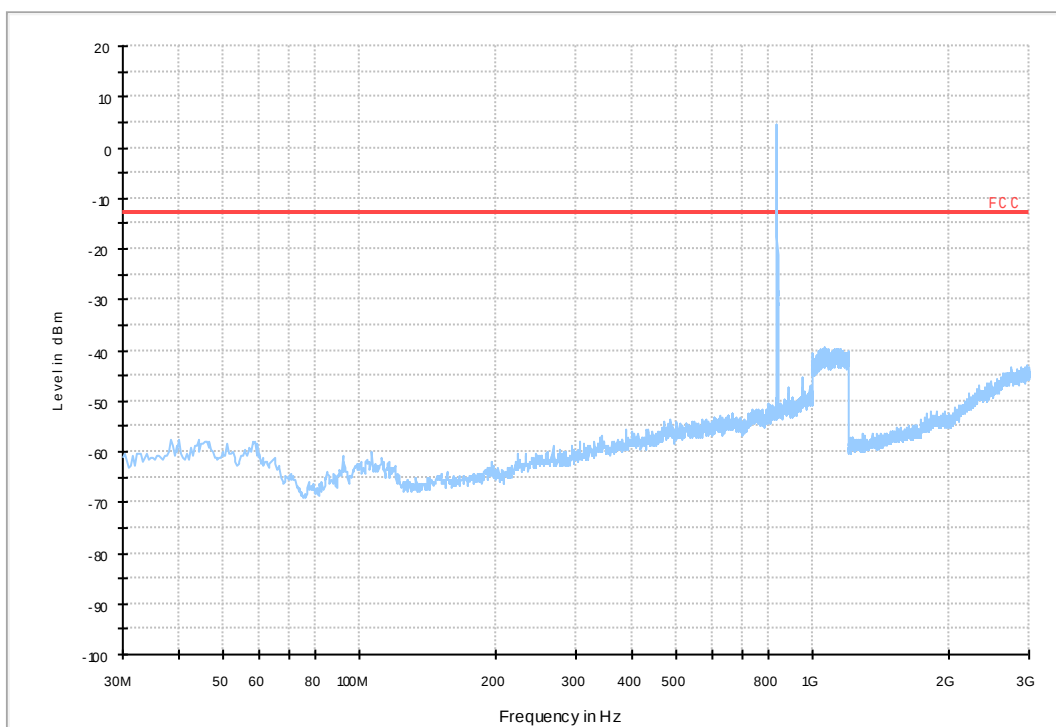


LTE FDD RSE-TX-DIRECT OR BELOW 1G_H

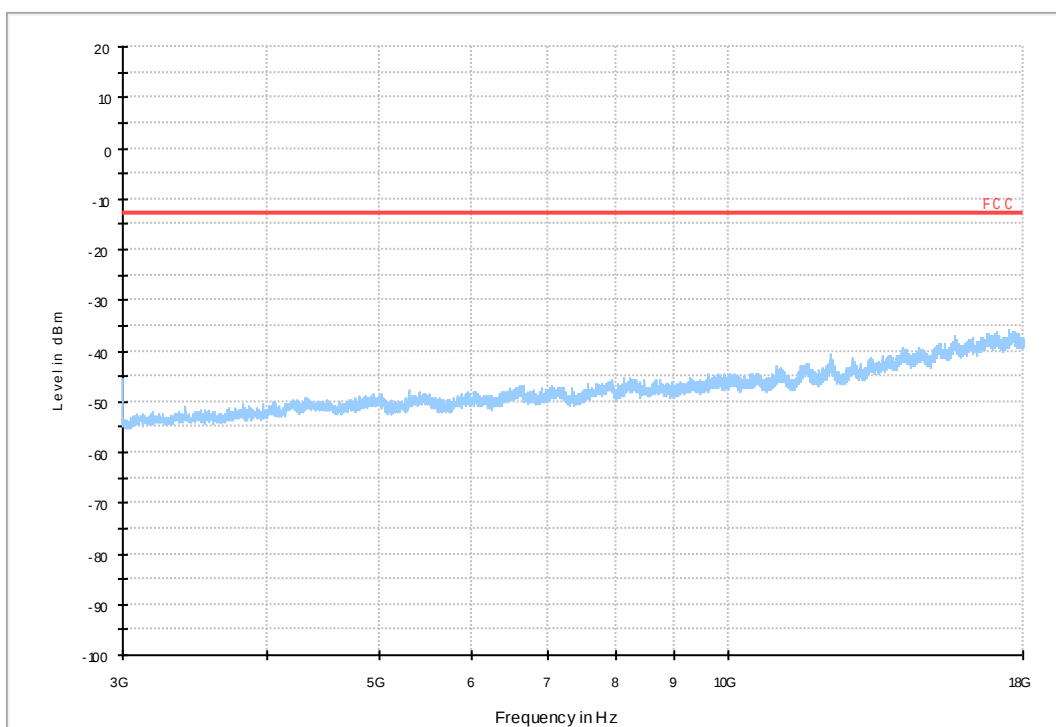


Band5/TM1_Ant2 adaptor + Wireless charging charger+ Wireless Charging Case) worst case

LTE FDD RSE-TX-DIRECT OR BELOW 1G_L



LTE FDD RSE-TX-DIRECT OR BELOW 1G_H



8Appendix_H: Frequency Stability

8.1 For LTE

8.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
Band5	LTE/TM1	1.4	LCH	TN	VL	3.76225	0.00456	PASS
					VN	-8.92639	-0.01082	PASS
					VH	14.16206	0.01717	PASS
			MCH	TN	VL	-17.52377	-0.02095	PASS
					VN	-10.04219	-0.01201	PASS
					VH	-6.13689	-0.00734	PASS
			HCH	TN	VL	-2.44618	-0.00288	PASS
					VN	-7.15256	-0.00843	PASS
					VH	3.34740	0.00395	PASS
		3	LCH	TN	VL	-2.84672	-0.00345	PASS
					VN	-2.28882	-0.00277	PASS
					VH	-6.35147	-0.00769	PASS
			MCH	TN	VL	-1.81675	-0.00217	PASS
					VN	-3.49045	-0.00417	PASS
					VH	-0.44346	-0.00053	PASS
			HCH	TN	VL	-2.71797	-0.00321	PASS
					VN	-1.17302	-0.00138	PASS
					VH	-2.50339	-0.00295	PASS
		5	LCH	TN	VL	-1.17302	-0.00142	PASS
					VN	-0.40054	-0.00048	PASS
					VH	1.70231	0.00206	PASS
			MCH	TN	VL	7.19547	0.00860	PASS
					VN	-6.09398	-0.00729	PASS
					VH	10.08511	0.01206	PASS
			HCH	TN	VL	-2.14577	-0.00253	PASS
					VN	0.14305	0.00017	PASS
					VH	-1.00136	-0.00118	PASS
		10	LCH	TN	VL	2.41756	0.00292	PASS
					VN	0.68665	0.00083	PASS
					VH	2.87533	0.00347	PASS
			MCH	TN	VL	5.57899	0.00667	PASS
					VN	4.03404	0.00482	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2		HCH	TN	VH	14.53400	0.01737	PASS
					VL	-101.59490	-0.12037	PASS
					VN	-134.58250	-0.15946	PASS
					VH	59.30901	0.07027	PASS
		1.4	LCH	TN	VL	-2.40326	-0.00291	PASS
					VN	5.75066	0.00697	PASS
					VH	10.19955	0.01237	PASS
			MCH	TN	VL	-7.00951	-0.00838	PASS
					VN	5.63621	0.00674	PASS
					VH	2.76089	0.00330	PASS
			HCH	TN	VL	-2.26021	-0.00266	PASS
					VN	-3.51906	-0.00415	PASS
					VH	-4.40597	-0.00519	PASS
		3	LCH	TN	VL	-0.32902	-0.00040	PASS
					VN	1.93119	0.00234	PASS
					VH	-3.00407	-0.00364	PASS
			MCH	TN	VL	-0.35763	-0.00043	PASS
					VN	0.40054	0.00048	PASS
					VH	-0.61512	-0.00074	PASS
			HCH	TN	VL	-3.19004	-0.00376	PASS
					VN	-1.98841	-0.00235	PASS
					VH	-6.86646	-0.00810	PASS
		5	LCH	TN	VL	1.61648	0.00196	PASS
					VN	-0.55790	-0.00068	PASS
					VH	-0.64373	-0.00078	PASS
			MCH	TN	VL	21.04282	0.02516	PASS
					VN	-7.85351	-0.00939	PASS
					VH	10.52856	0.01259	PASS
			HCH	TN	VL	-0.75817	-0.00090	PASS
					VN	-1.51634	-0.00179	PASS
					VH	-2.66075	-0.00314	PASS
		10	LCH	TN	VL	1.23024	0.00148	PASS
					VN	0.42915	0.00052	PASS
					VH	1.73092	0.00209	PASS
			MCH	TN	VL	0.08583	0.00010	PASS
					VN	4.16279	0.00498	PASS
					VH	3.89099	0.00465	PASS
			HCH	TN	VL	2.30312	0.00273	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	24.99104	0.02961	PASS
					VH	7.65324	0.00907	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
Band5	LTE/TM1	1.4	LCH	VN	-30	-9.97067	-0.01209	PASS
					-20	28.86772	0.03500	PASS
					-10	-7.09534	-0.00860	PASS
					0	3.99113	0.00484	PASS
					10	1.44482	0.00175	PASS
					20	-8.92639	-0.01082	PASS
					30	-1.15871	-0.00141	PASS
					40	5.62191	0.00682	PASS
					50	7.32422	0.00888	PASS
			MCH	VN	-30	10.38551	0.01242	PASS
					-20	15.60688	0.01866	PASS
					-10	8.29697	0.00992	PASS
					0	-1.10149	-0.00132	PASS
					10	-6.95229	-0.00831	PASS
					20	-10.04219	-0.01201	PASS
					30	-3.86238	-0.00462	PASS
					40	-20.14160	-0.02408	PASS
					50	0.10014	0.00012	PASS
			HCH	VN	-30	-8.64029	-0.01019	PASS
					-20	-94.14196	-0.11098	PASS
					-10	-0.41485	-0.00049	PASS
					0	-5.53608	-0.00653	PASS
					10	88.34839	0.10415	PASS
					20	-7.15256	-0.00843	PASS
					30	2.04563	0.00241	PASS
					40	-30.95627	-0.03649	PASS
					50	0.80109	0.00094	PASS
		3	LCH	VN	-30	2.76089	0.00334	PASS
					-20	0.05722	0.00007	PASS
					-10	-1.45912	-0.00177	PASS
					0	1.20163	0.00146	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	0.34332	0.00042	PASS
					20	-2.28882	-0.00277	PASS
					30	-1.20163	-0.00146	PASS
					40	-3.71933	-0.00451	PASS
					50	-0.81539	-0.00099	PASS
			MCH	VN	-30	-1.51634	-0.00181	PASS
					-20	0.07153	0.00009	PASS
					-10	-3.71933	-0.00445	PASS
					0	-3.86238	-0.00462	PASS
					10	-1.21593	-0.00145	PASS
					20	-3.49045	-0.00417	PASS
					30	0.11444	0.00014	PASS
					40	-5.46455	-0.00653	PASS
					50	-2.71797	-0.00325	PASS
			HCH	VN	-30	-5.22137	-0.00616	PASS
					-20	0.08583	0.00010	PASS
					-10	-3.16143	-0.00373	PASS
					0	-2.74658	-0.00324	PASS
					10	-2.13146	-0.00251	PASS
					20	-1.17302	-0.00138	PASS
					30	-4.76360	-0.00562	PASS
					40	-4.57764	-0.00540	PASS
					50	0.85831	0.00101	PASS
		5	LCH	VN	-30	3.39031	0.00410	PASS
					-20	0.40054	0.00048	PASS
					-10	-3.59058	-0.00434	PASS
					0	1.40190	0.00170	PASS
					10	-1.61648	-0.00196	PASS
					20	-0.40054	-0.00048	PASS
					30	1.04427	0.00126	PASS
					40	1.13010	0.00137	PASS
					50	2.13146	0.00258	PASS
			MCH	VN	-30	-2.98977	-0.00357	PASS
					-20	-1.93119	-0.00231	PASS
					-10	-1.44482	-0.00173	PASS
					0	0.37193	0.00044	PASS
					10	-14.09054	-0.01684	PASS
					20	-6.09398	-0.00729	PASS
					30	-4.36306	-0.00522	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-1.83106	-0.00219	PASS
					50	-2.11716	-0.00253	PASS
			HCH	VN	-30	-2.60353	-0.00308	PASS
					-20	0.85831	0.00101	PASS
					-10	-1.81675	-0.00215	PASS
					0	-1.78814	-0.00211	PASS
					10	-0.60081	-0.00071	PASS
					20	0.14305	0.00017	PASS
					30	-3.51906	-0.00416	PASS
					40	-0.85831	-0.00101	PASS
					50	-3.14712	-0.00372	PASS
		10	LCH	VN	-30	-0.90122	-0.00109	PASS
					-20	1.27316	0.00154	PASS
					-10	-3.26157	-0.00393	PASS
					0	-0.85831	-0.00104	PASS
					10	-0.12875	-0.00016	PASS
					20	0.68665	0.00083	PASS
					30	-2.81811	-0.00340	PASS
					40	-5.39303	-0.00651	PASS
					50	-0.82970	-0.00100	PASS
			MCH	VN	-30	14.16206	0.01693	PASS
					-20	-7.61032	-0.00910	PASS
					-10	0.02861	0.00003	PASS
					0	7.65324	0.00915	PASS
					10	-2.67506	-0.00320	PASS
					20	4.03404	0.00482	PASS
					30	-7.59602	-0.00908	PASS
					40	-12.01630	-0.01436	PASS
					50	-11.58714	-0.01385	PASS
			HCH	VN	-30	10.65731	0.01263	PASS
					-20	110.65010	0.13110	PASS
					-10	-7.28130	-0.00863	PASS
					0	-64.15844	-0.07602	PASS
					10	-49.78180	-0.05898	PASS
					20	-134.58250	-0.15946	PASS
					30	32.58705	0.03861	PASS
					40	-30.38406	-0.03600	PASS
					50	50.25387	0.05954	PASS
	LTE/TM2	1.4	LCH	VN	-30	-8.13961	-0.00987	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	29.39701	0.03565	PASS
					-10	-3.63350	-0.00441	PASS
					0	-8.19683	-0.00994	PASS
					10	-3.31879	-0.00402	PASS
					20	5.75066	0.00697	PASS
					30	-13.37528	-0.01622	PASS
					40	8.26836	0.01003	PASS
					50	-20.99991	-0.02546	PASS
			MCH	VN	-30	-2.94685	-0.00352	PASS
					-20	-10.11372	-0.01209	PASS
					-10	-4.44889	-0.00532	PASS
					0	-1.98841	-0.00238	PASS
					10	-22.43042	-0.02681	PASS
					20	5.63621	0.00674	PASS
					30	2.10285	0.00251	PASS
					40	9.18388	0.01098	PASS
					50	0.18597	0.00022	PASS
			HCH	VN	-30	-39.09588	-0.04609	PASS
					-20	-0.88692	-0.00105	PASS
					-10	-2.46048	-0.00290	PASS
					0	-3.10421	-0.00366	PASS
					10	-7.58171	-0.00894	PASS
					20	-3.51906	-0.00415	PASS
					30	-3.91960	-0.00462	PASS
					40	37.26482	0.04393	PASS
					50	-6.36578	-0.00750	PASS
		3	LCH	VN	-30	-1.37329	-0.00166	PASS
					-20	-2.63214	-0.00319	PASS
					-10	4.66347	0.00565	PASS
					0	1.91688	0.00232	PASS
					10	5.45025	0.00660	PASS
					20	1.93119	0.00234	PASS
					30	-0.80109	-0.00097	PASS
					40	-3.27587	-0.00397	PASS
					50	-2.07424	-0.00251	PASS
			MCH	VN	-30	-3.36170	-0.00402	PASS
					-20	-2.51770	-0.00301	PASS
					-10	-0.34332	-0.00041	PASS
					0	0.35763	0.00043	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	0.14305	0.00017	PASS
					20	0.40054	0.00048	PASS
					30	-6.30856	-0.00754	PASS
					40	-2.28882	-0.00274	PASS
					50	-5.39303	-0.00645	PASS
			HCH	VN	-30	-1.93119	-0.00228	PASS
					-20	-1.10149	-0.00130	PASS
					-10	-3.41892	-0.00403	PASS
					0	-6.10828	-0.00721	PASS
					10	-5.59330	-0.00660	PASS
					20	-1.98841	-0.00235	PASS
					30	-4.42028	-0.00522	PASS
					40	-3.99113	-0.00471	PASS
					50	-2.37465	-0.00280	PASS
		5	LCH	VN	-30	0.44346	0.00054	PASS
					-20	1.33038	0.00161	PASS
					-10	-3.11851	-0.00377	PASS
					0	1.80244	0.00218	PASS
					10	1.53065	0.00185	PASS
					20	-0.55790	-0.00068	PASS
					30	-3.14712	-0.00381	PASS
					40	-0.71526	-0.00087	PASS
					50	-0.41485	-0.00050	PASS
			MCH	VN	-30	4.90665	0.00587	PASS
					-20	-2.27451	-0.00272	PASS
					-10	-0.72956	-0.00087	PASS
					0	8.96931	0.01072	PASS
					10	-9.08375	-0.01086	PASS
					20	-7.85351	-0.00939	PASS
					30	-3.54767	-0.00424	PASS
					40	-5.14984	-0.00616	PASS
					50	3.19004	0.00381	PASS
			HCH	VN	-30	-1.88827	-0.00223	PASS
					-20	0.50068	0.00059	PASS
					-10	-3.20435	-0.00379	PASS
					0	1.27316	0.00150	PASS
					10	0.57220	0.00068	PASS
					20	-1.51634	-0.00179	PASS
					30	-0.57220	-0.00068	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		10			40	-6.69479	-0.00791	PASS
					50	-3.03268	-0.00358	PASS
			LCH	VN	-30	3.81947	0.00461	PASS
					-20	3.10421	0.00374	PASS
					-10	-3.81947	-0.00461	PASS
					0	1.17302	0.00141	PASS
					10	-2.18868	-0.00264	PASS
					20	0.42915	0.00052	PASS
					30	-1.40190	-0.00169	PASS
					40	-3.53336	-0.00426	PASS
					50	0.18597	0.00022	PASS
			MCH	VN	-30	8.23975	0.00985	PASS
					-20	-2.60353	-0.00311	PASS
					-10	-1.85966	-0.00222	PASS
					0	10.85758	0.01298	PASS
					10	-7.78198	-0.00930	PASS
					20	4.16279	0.00498	PASS
					30	-4.79221	-0.00573	PASS
					40	-3.90530	-0.00467	PASS
					50	-4.29153	-0.00513	PASS
			HCH	VN	-30	-61.68365	-0.07308	PASS
					-20	-5.14984	-0.00610	PASS
					-10	-37.62245	-0.04458	PASS
					0	-17.99583	-0.02132	PASS
					10	-27.43721	-0.03251	PASS
					20	24.99104	0.02961	PASS
					30	-3.80516	-0.00451	PASS
					40	-0.22888	-0.00027	PASS
					50	4.76360	0.00564	PASS

END