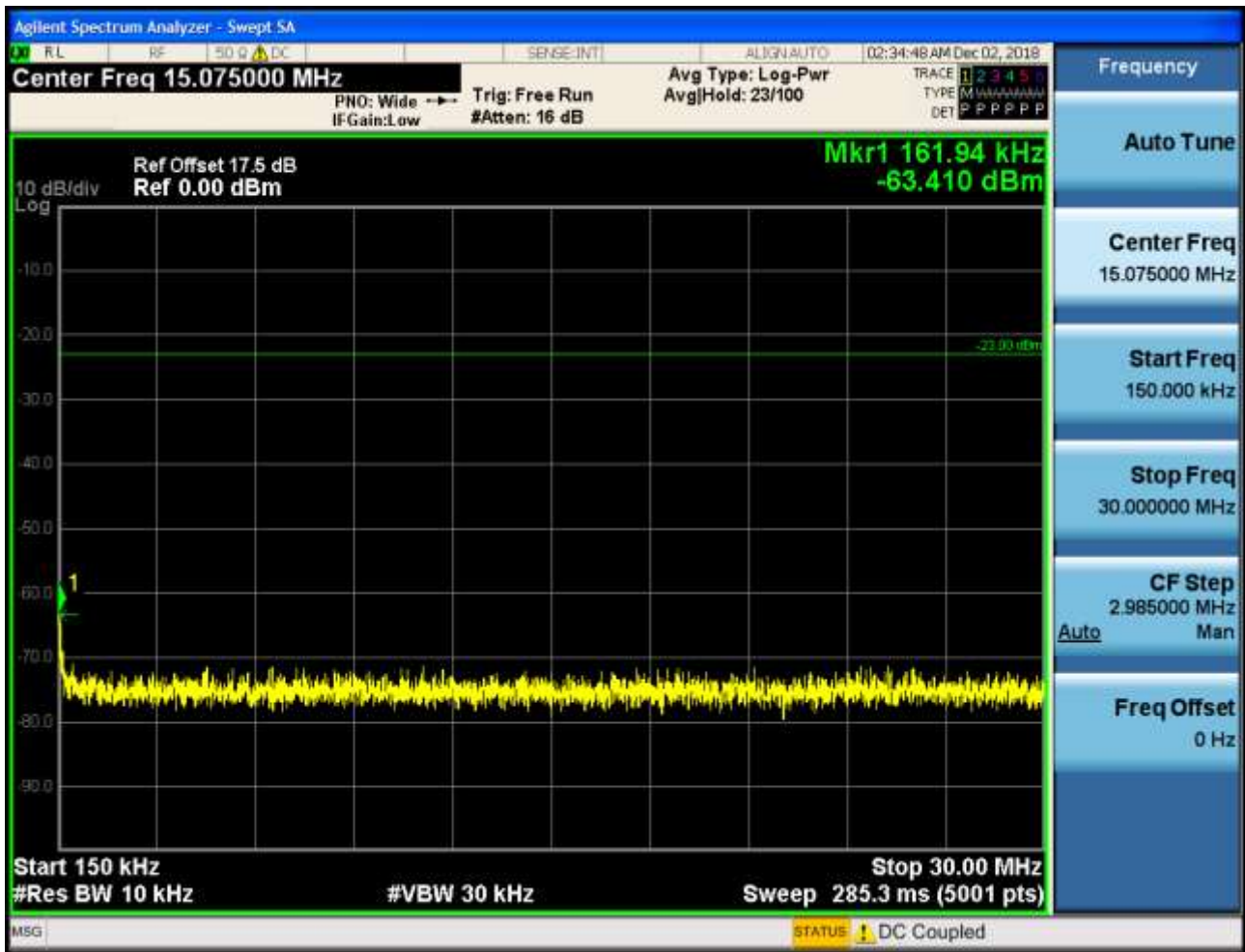
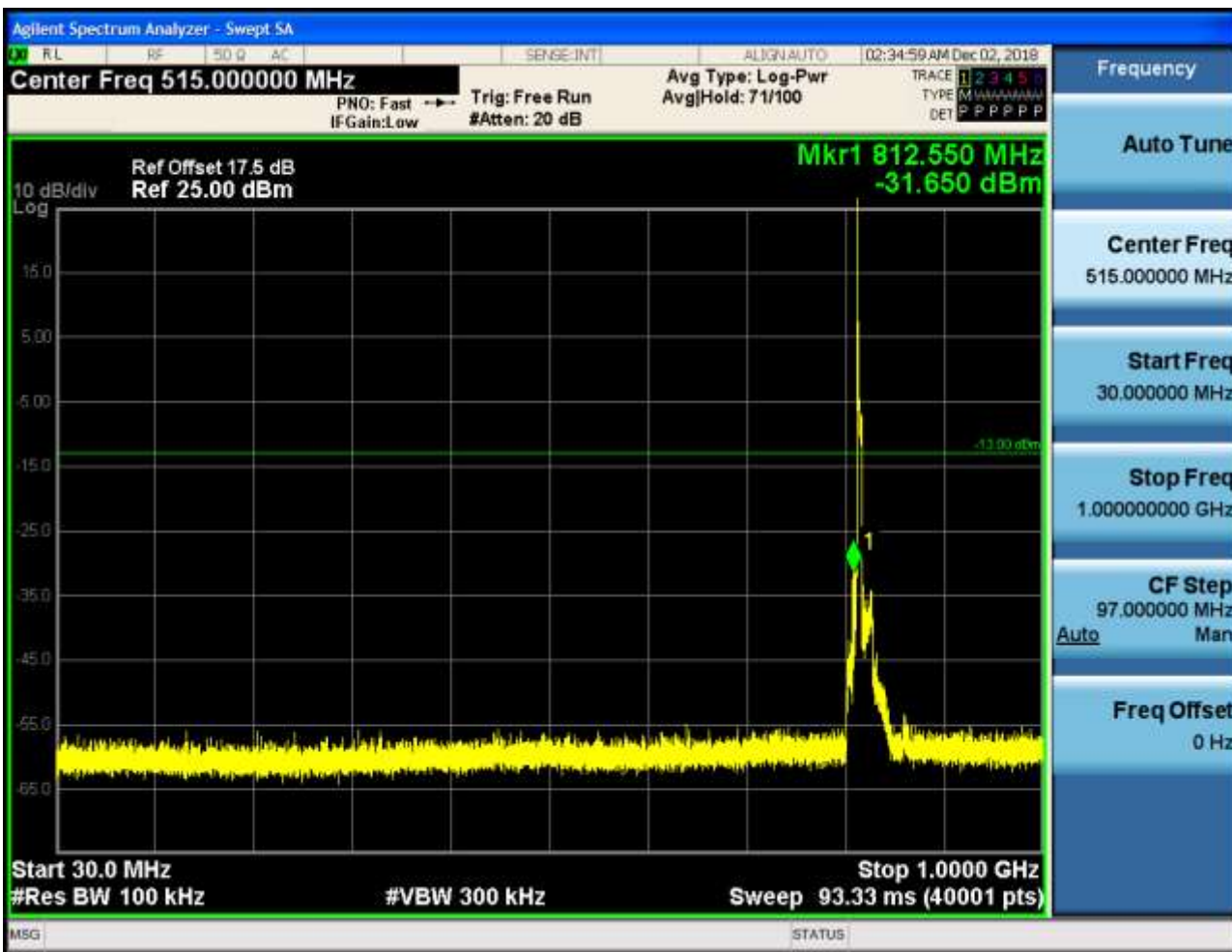


6.2.1.1.3.2 Test Channel = MCH

6.2.1.1.3.2.1 Test RB = RB1#0





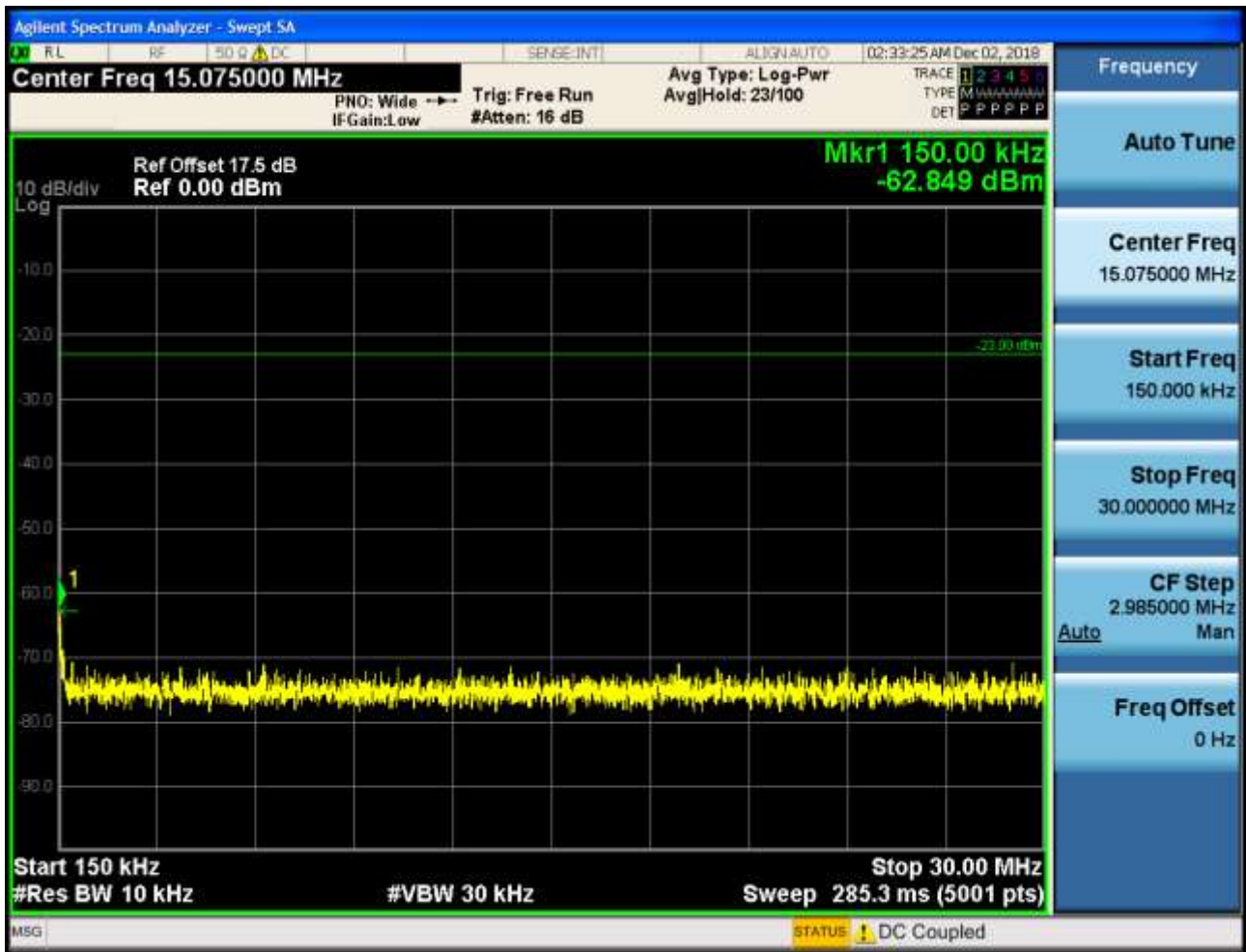


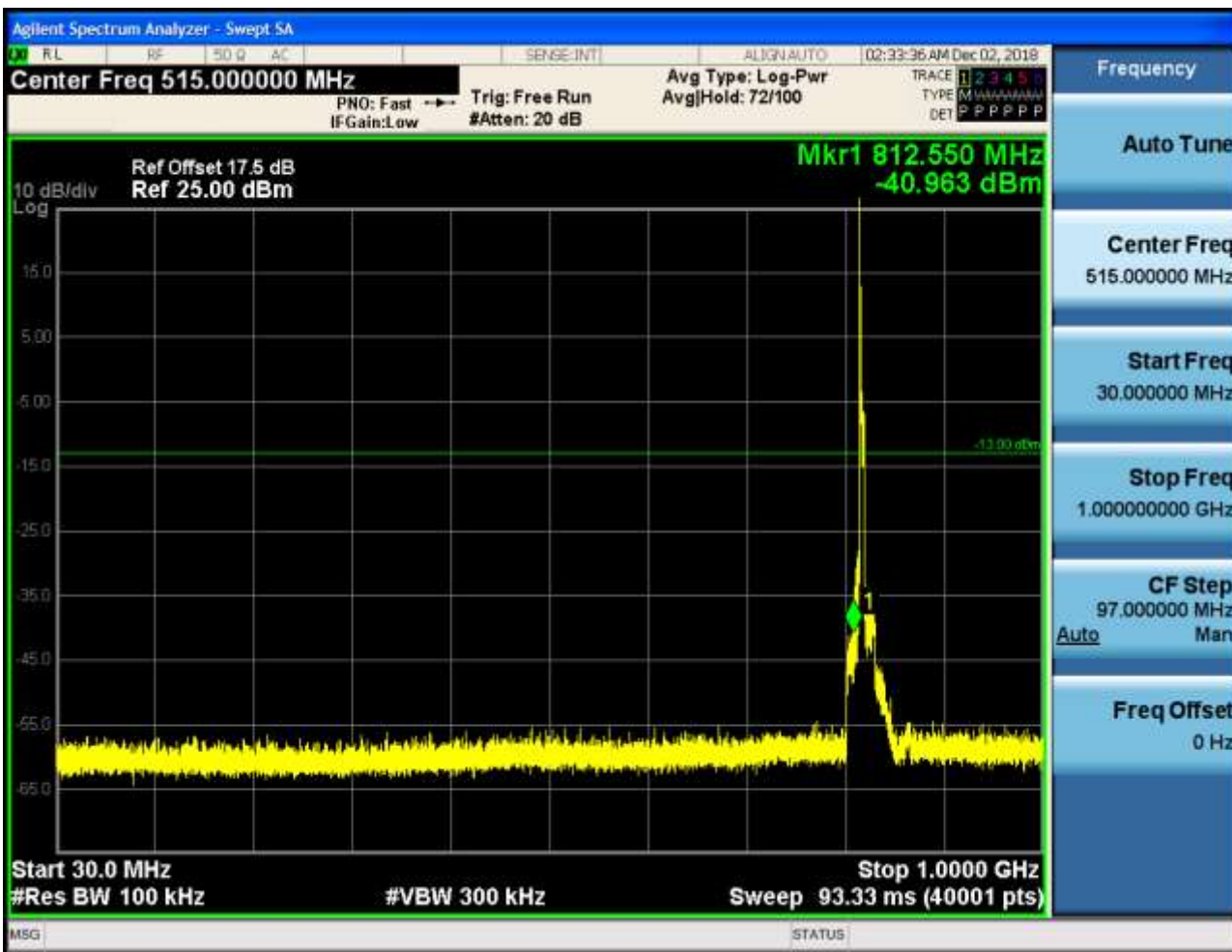


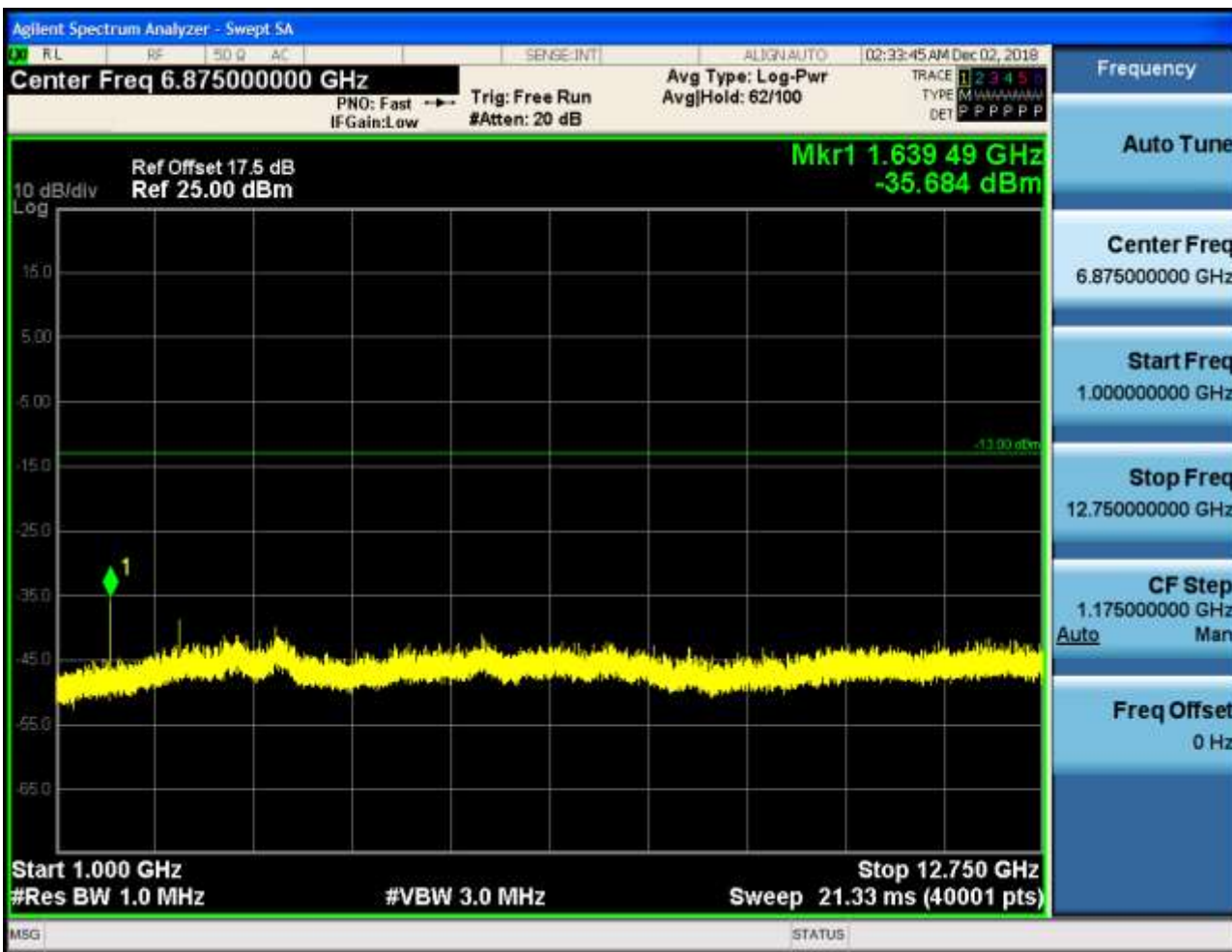
6.2.1.1.3.3 Test Channel = HCH

6.2.1.1.3.3.1 Test RB = RB1#0







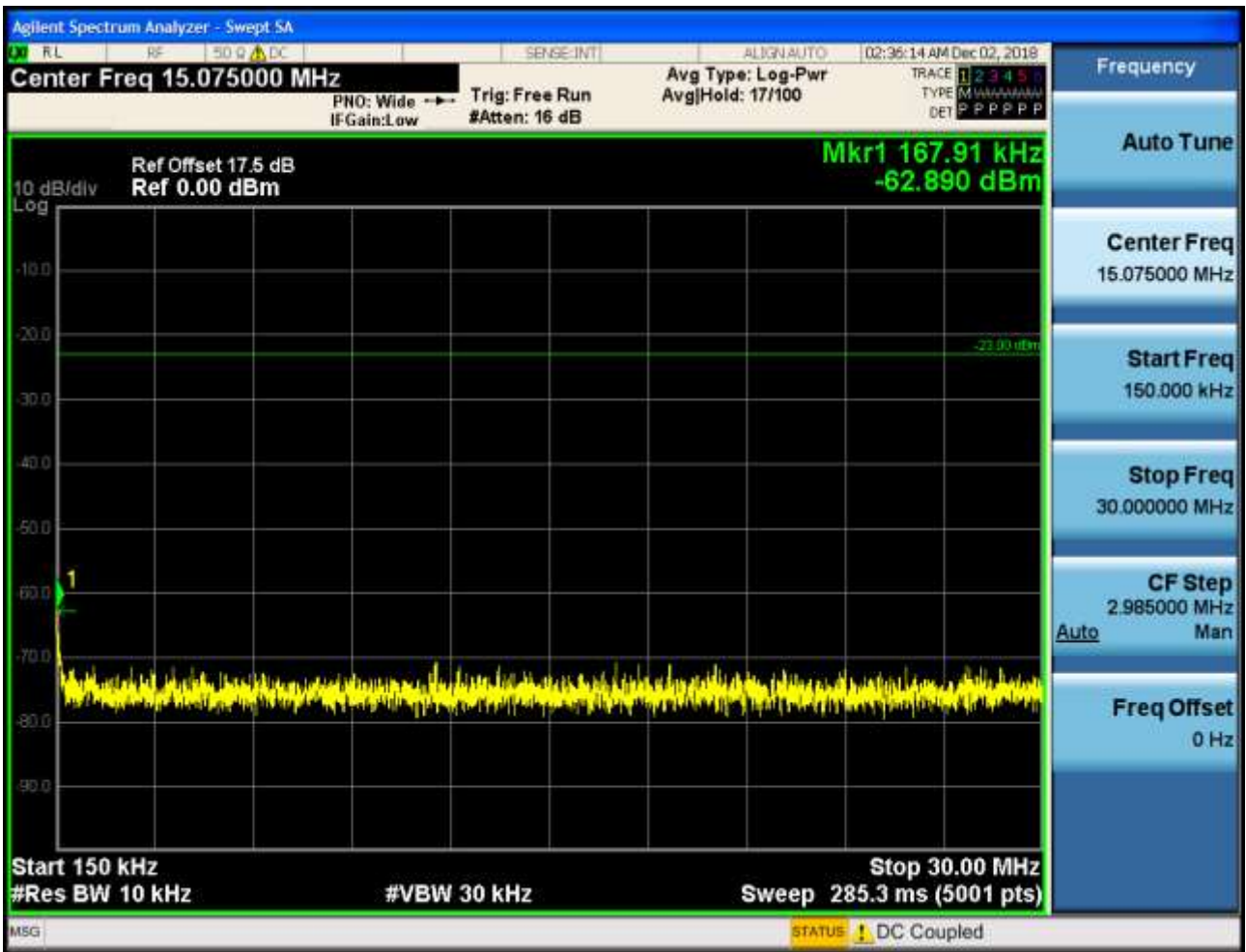


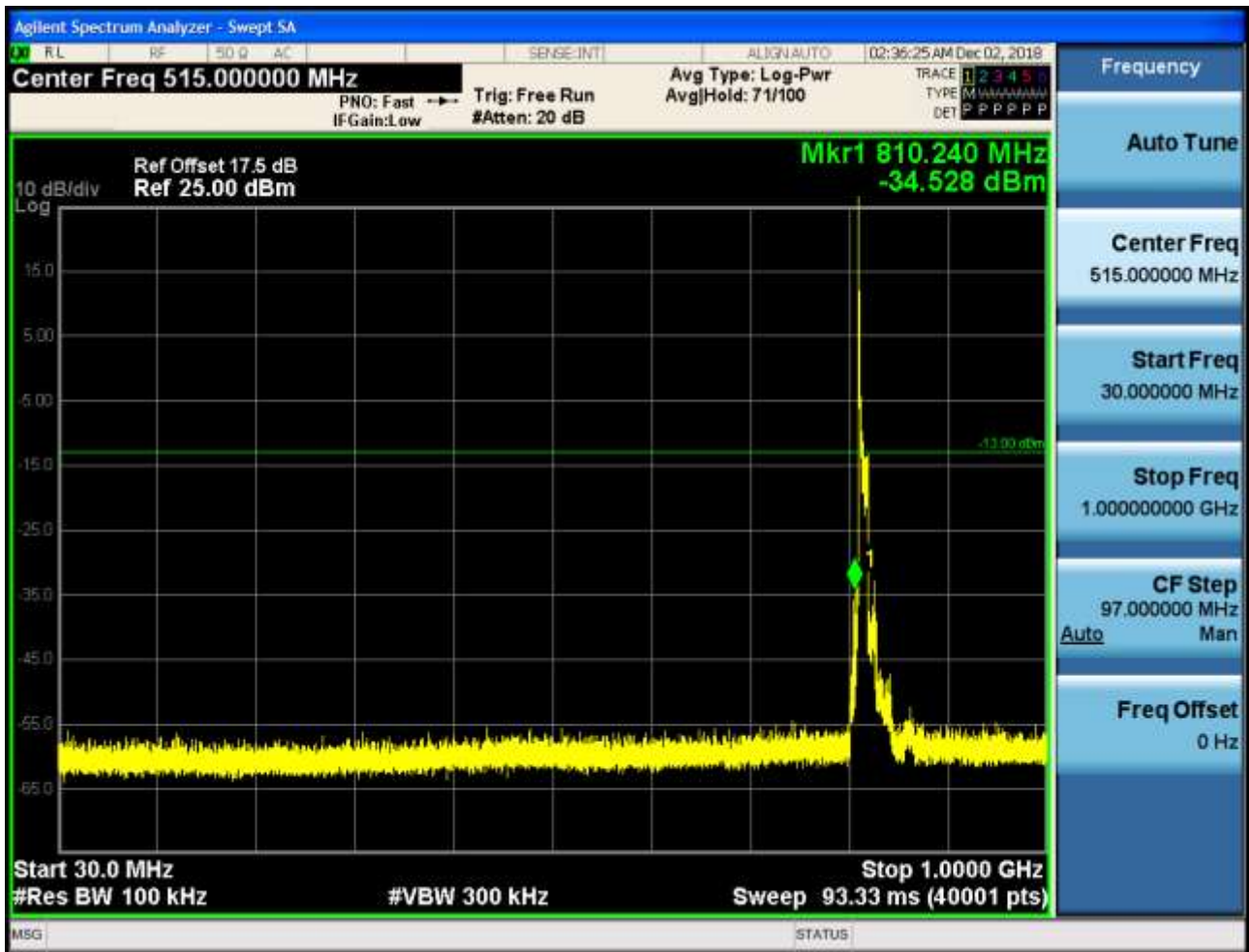
6.2.1.1.4 Test Bandwidth = 10

6.2.1.1.4.1 Test Channel = MCH

6.2.1.1.4.1.1 Test RB = RB1#0

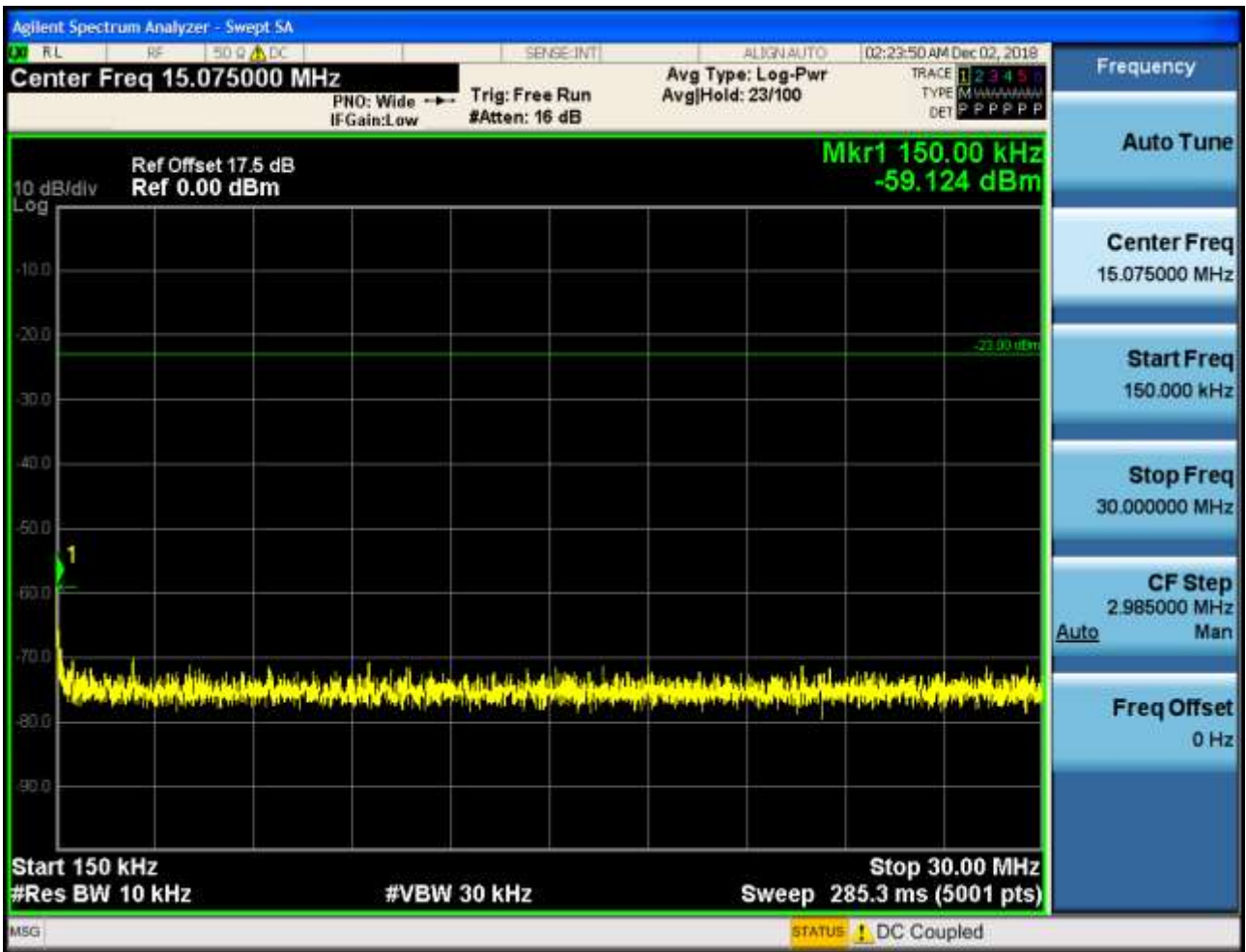


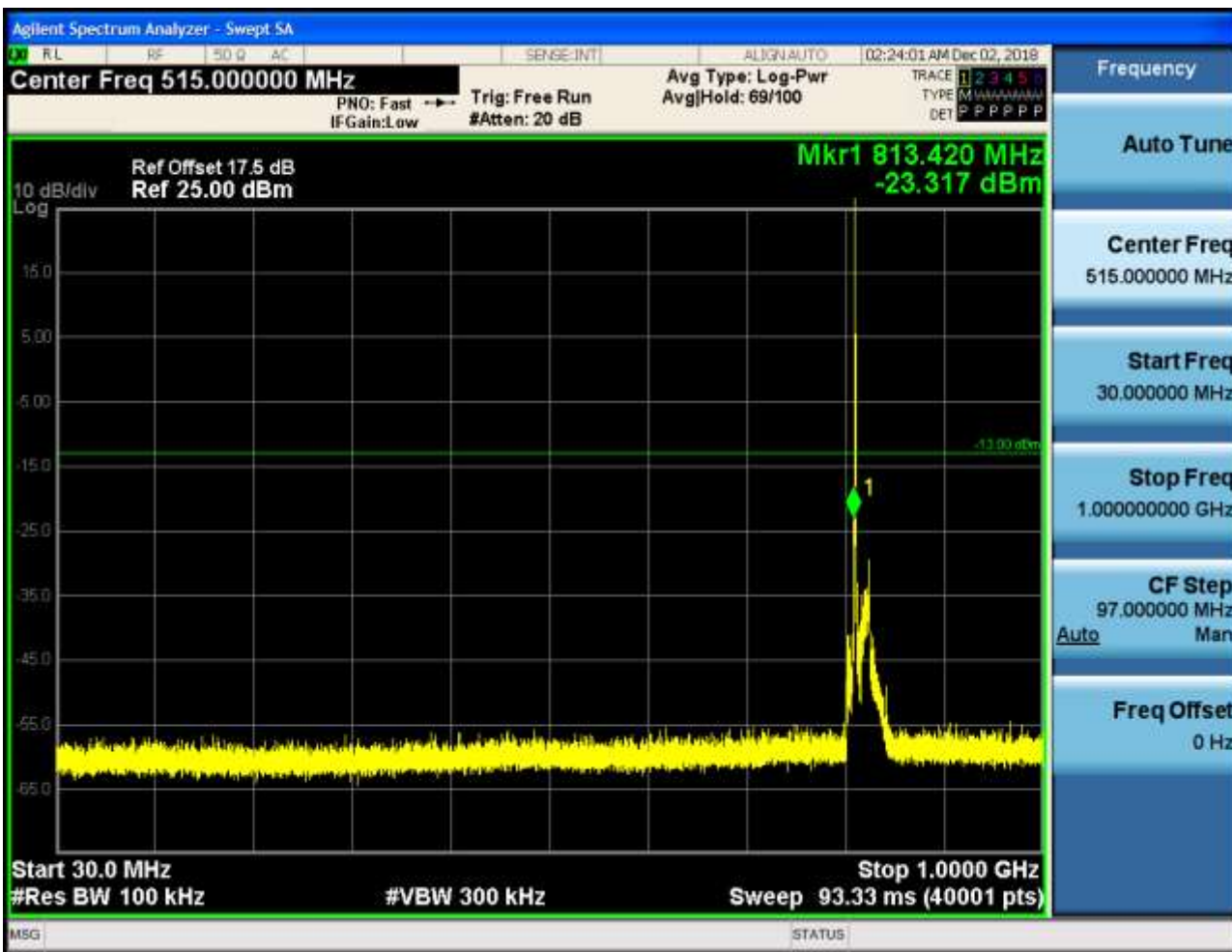






6.2.1.2 Test Mode = LTE/TM2**6.2.1.2.1 Test Bandwidth = 1.4****6.2.1.2.1.1 Test Channel = LCH****6.2.1.2.1.1.1 Test RB = RB1#0**



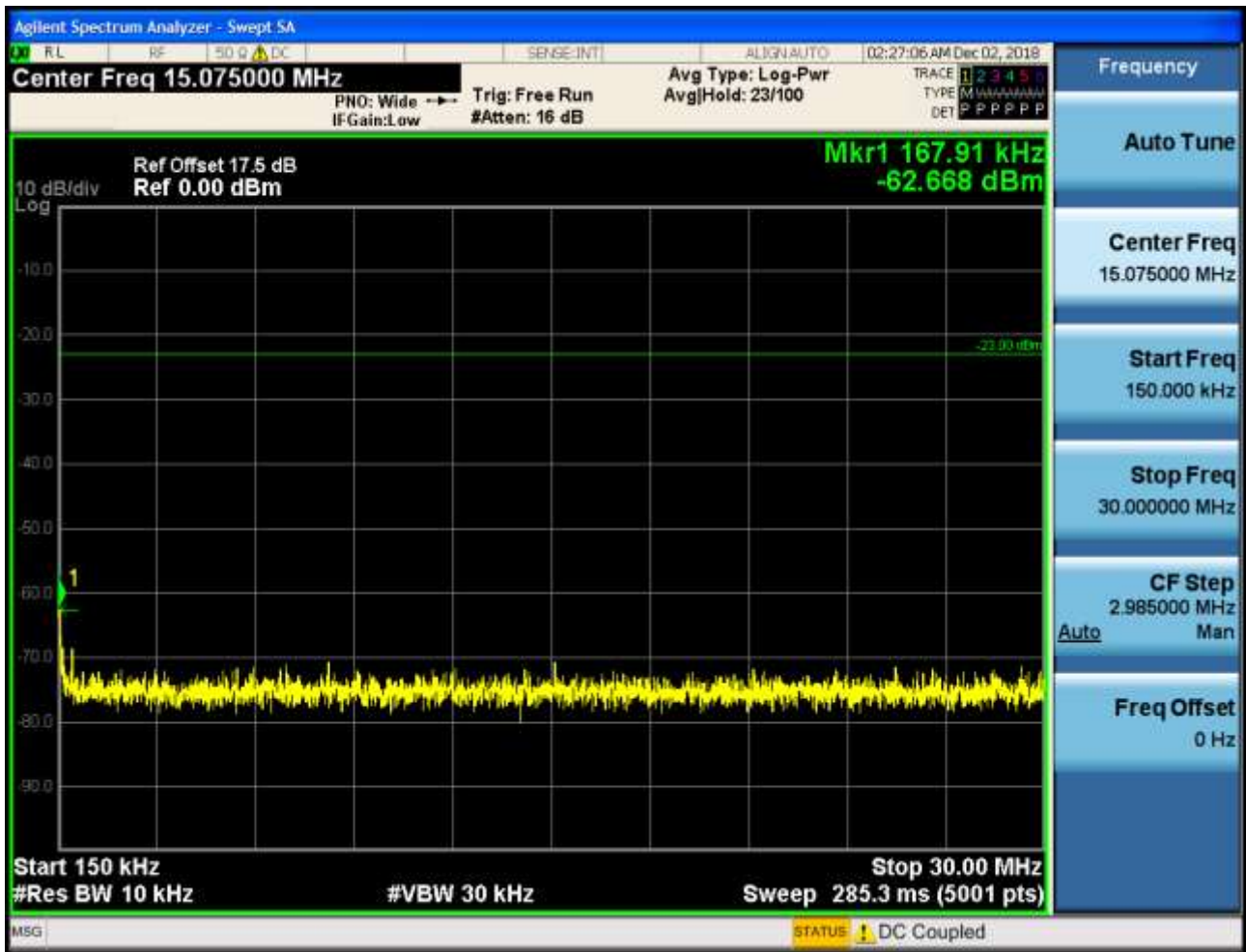


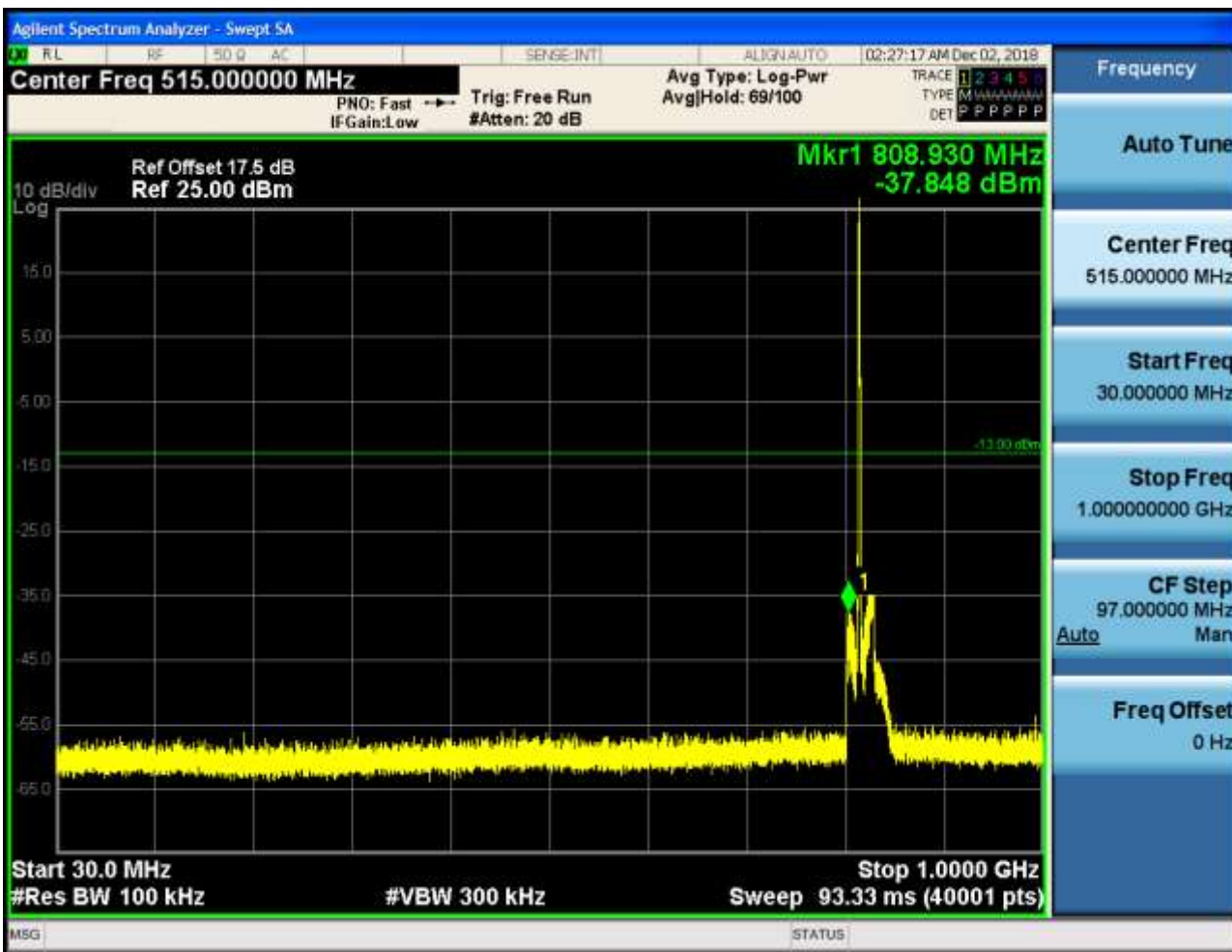


6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0





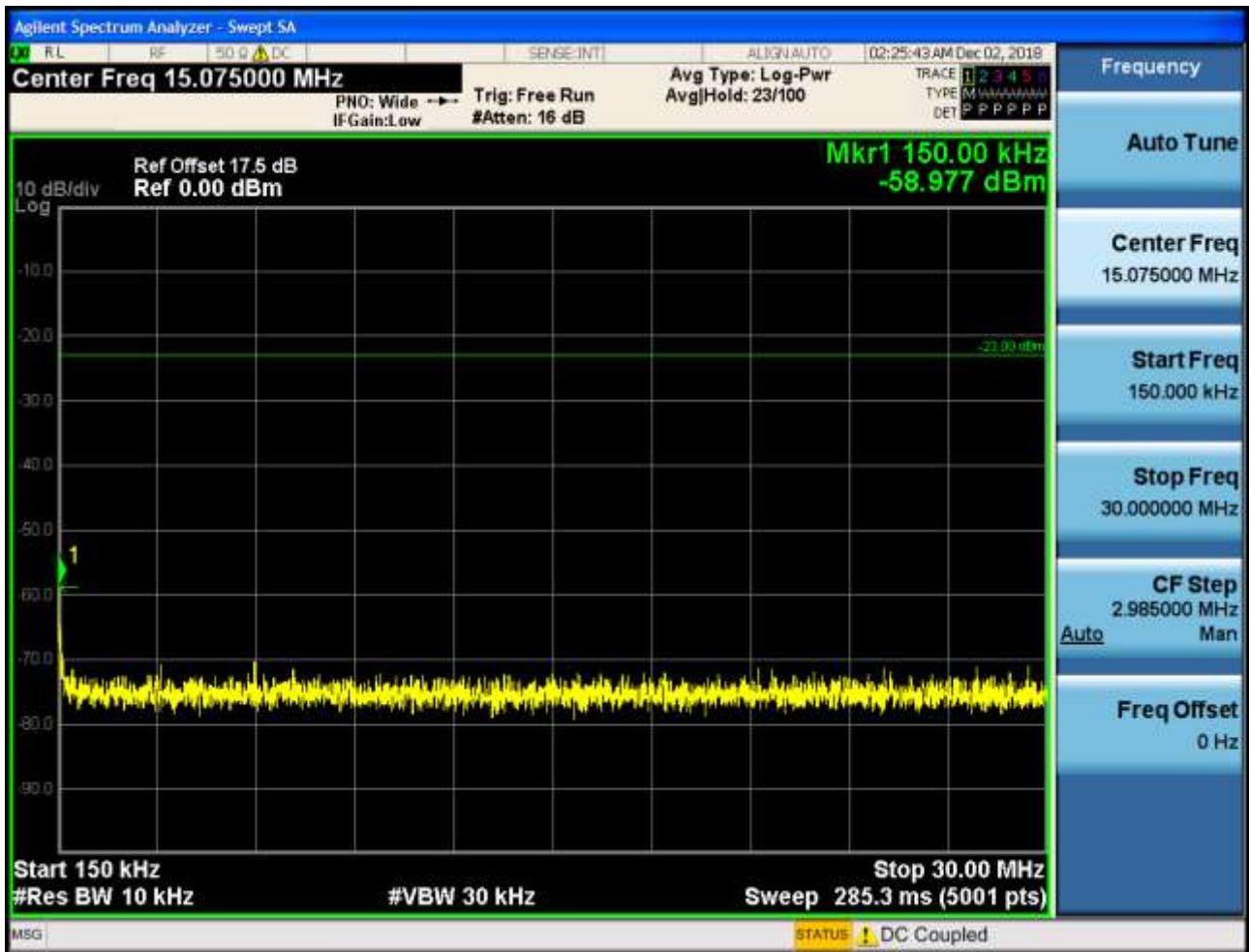


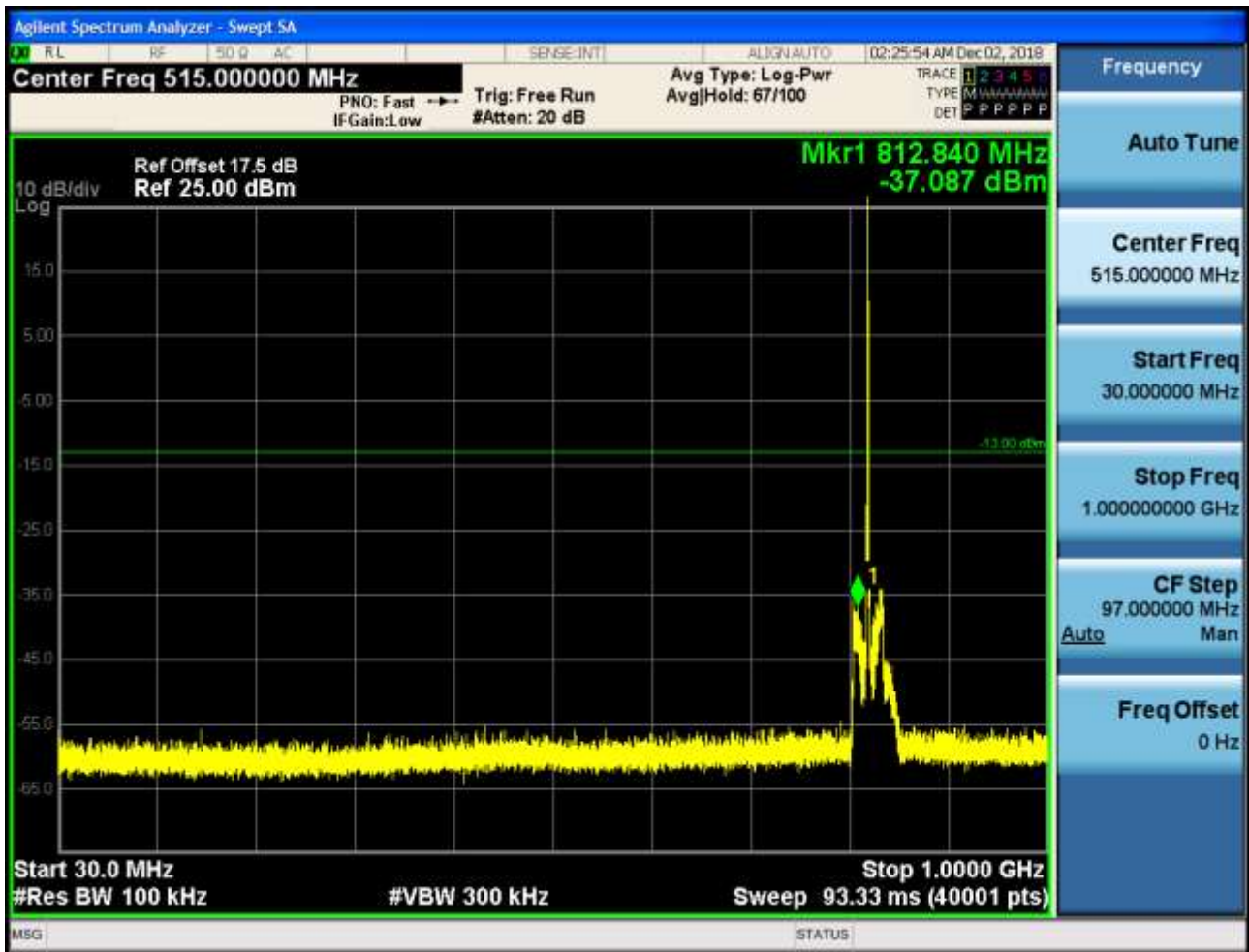


6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0





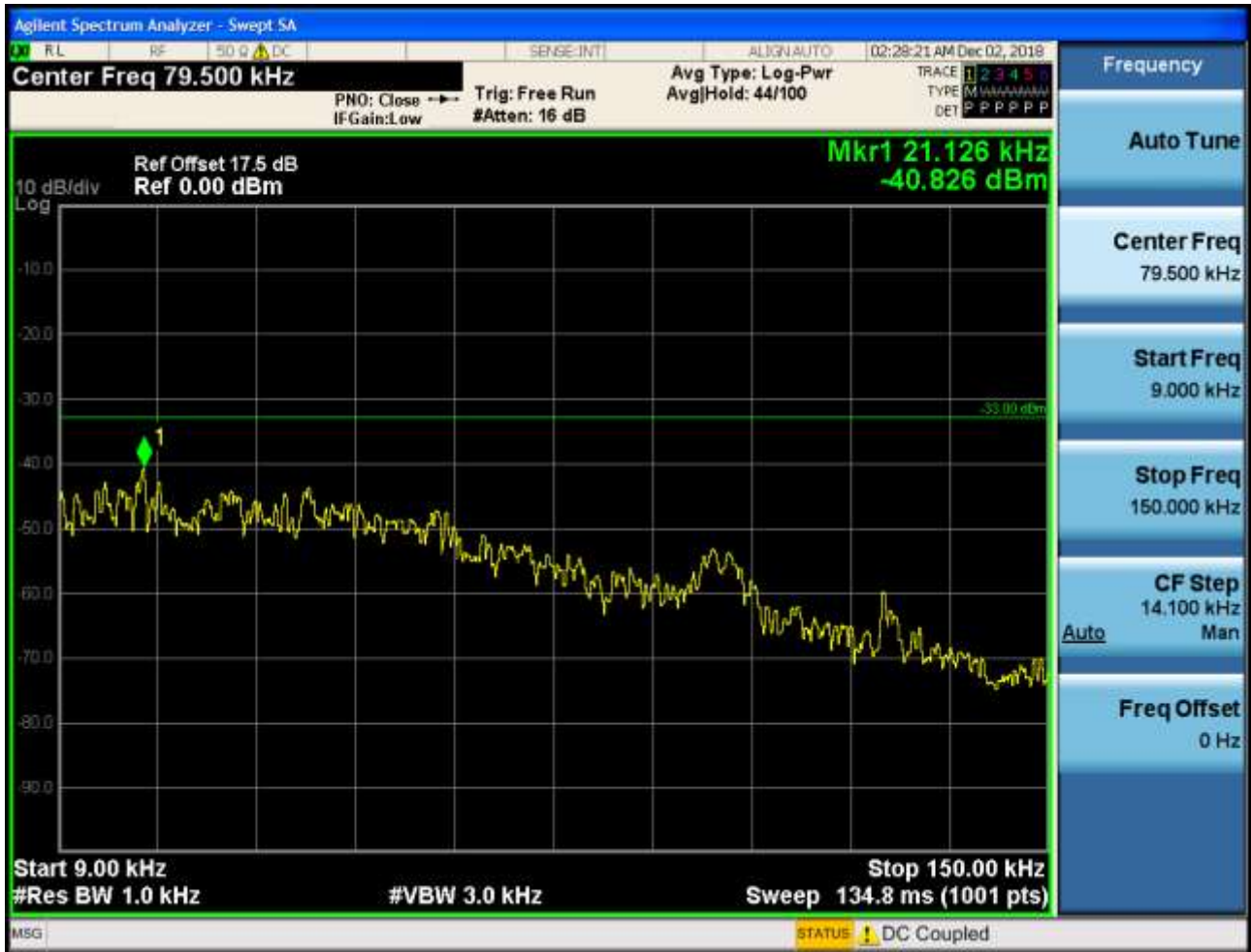


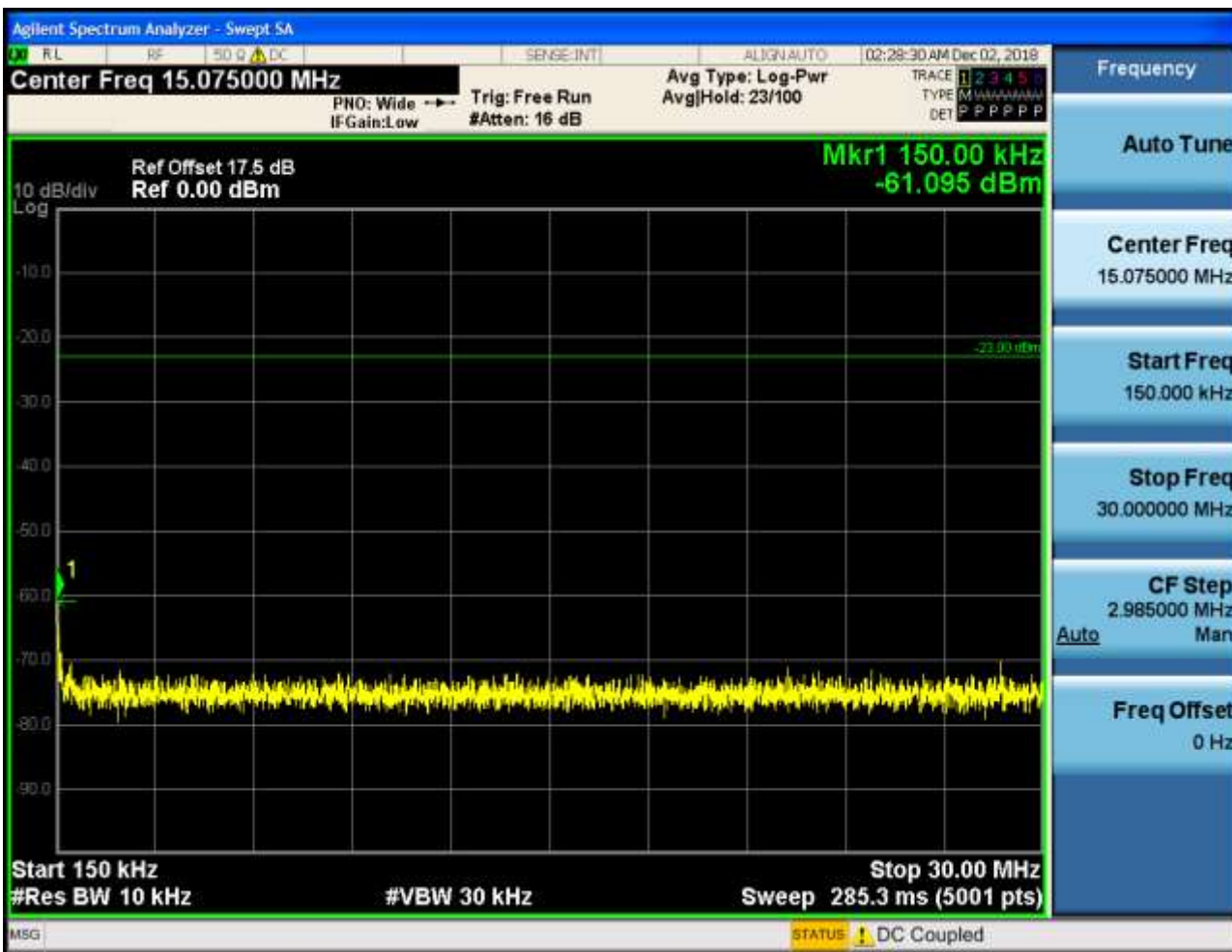


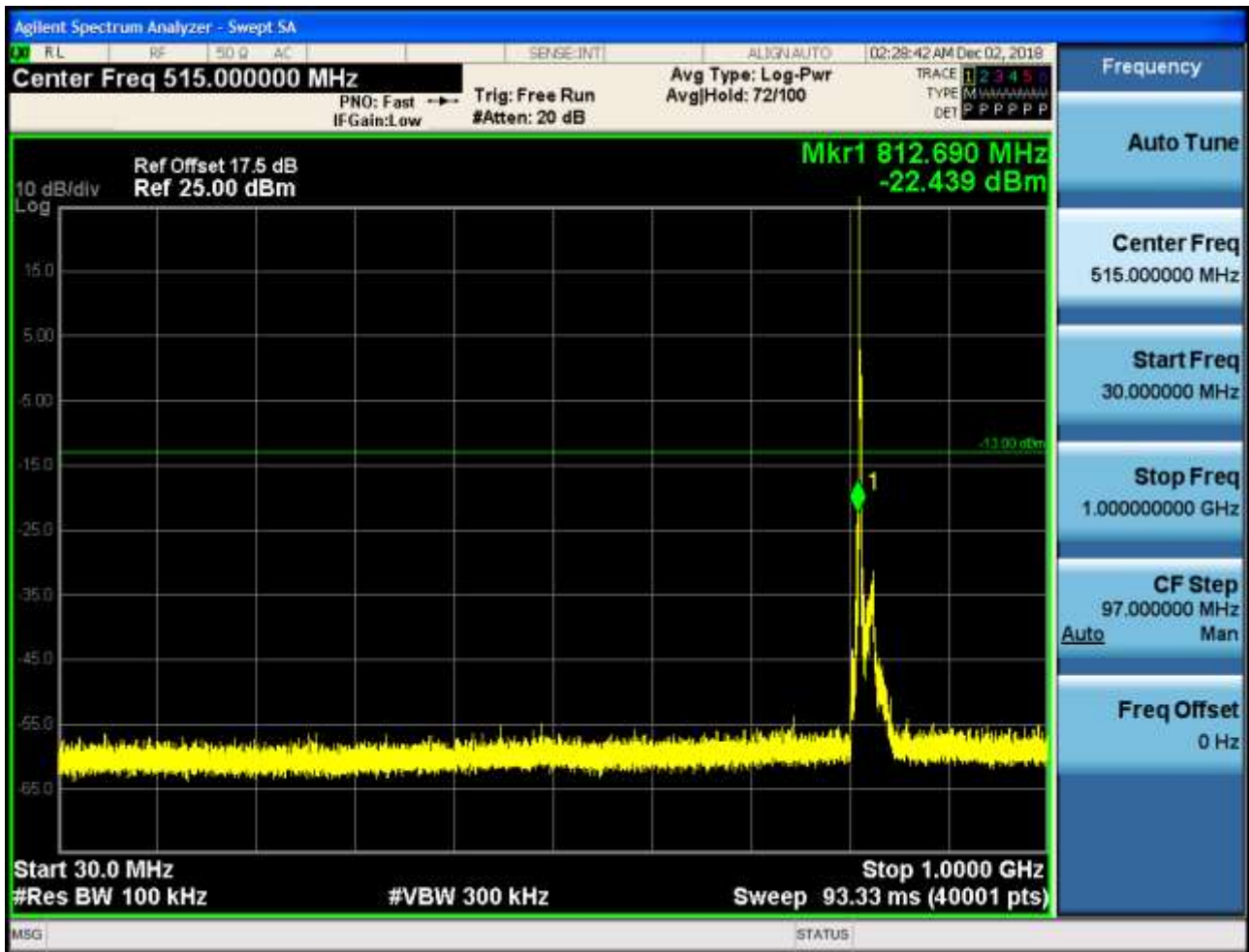
6.2.1.2.2 Test Bandwidth = 3

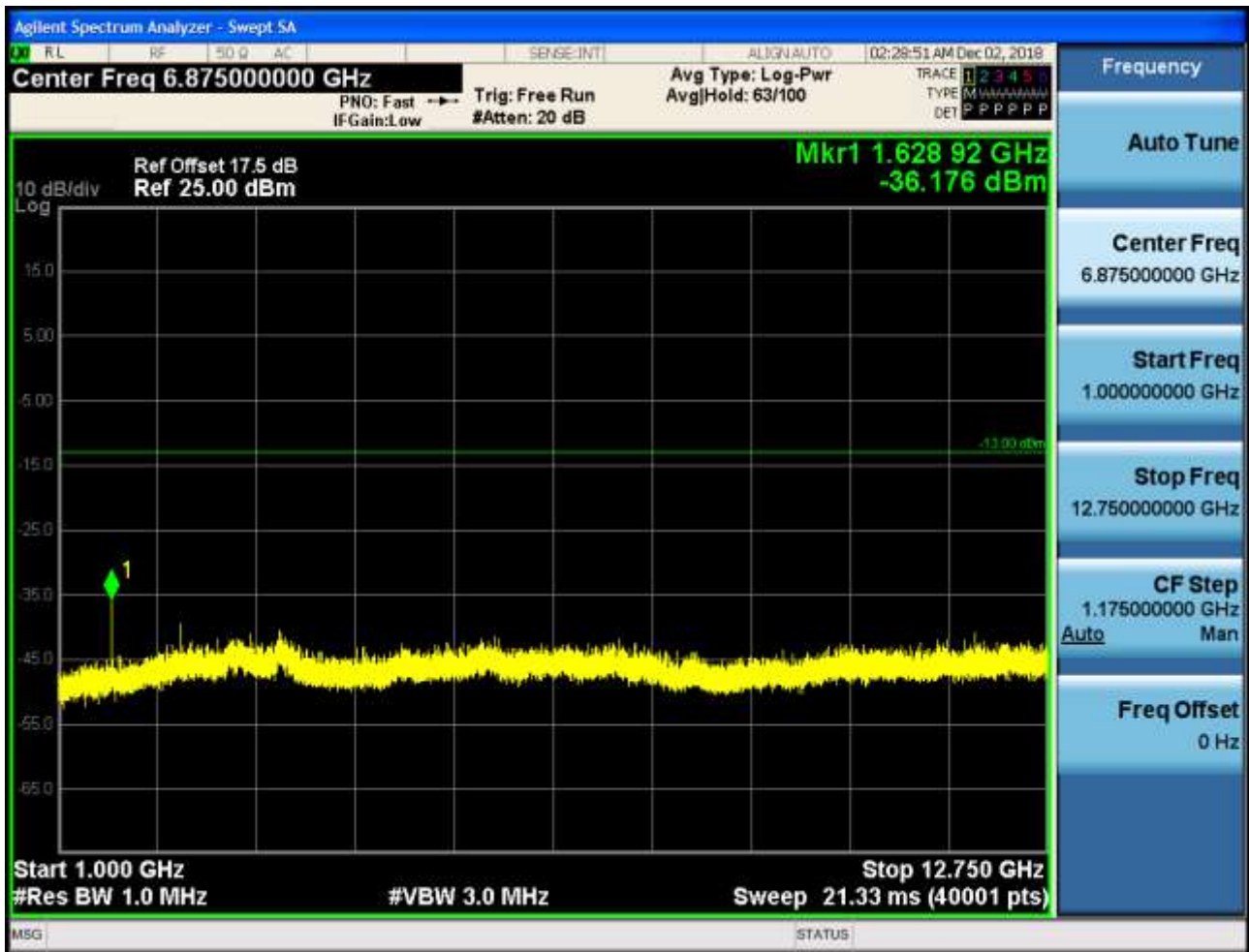
6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0





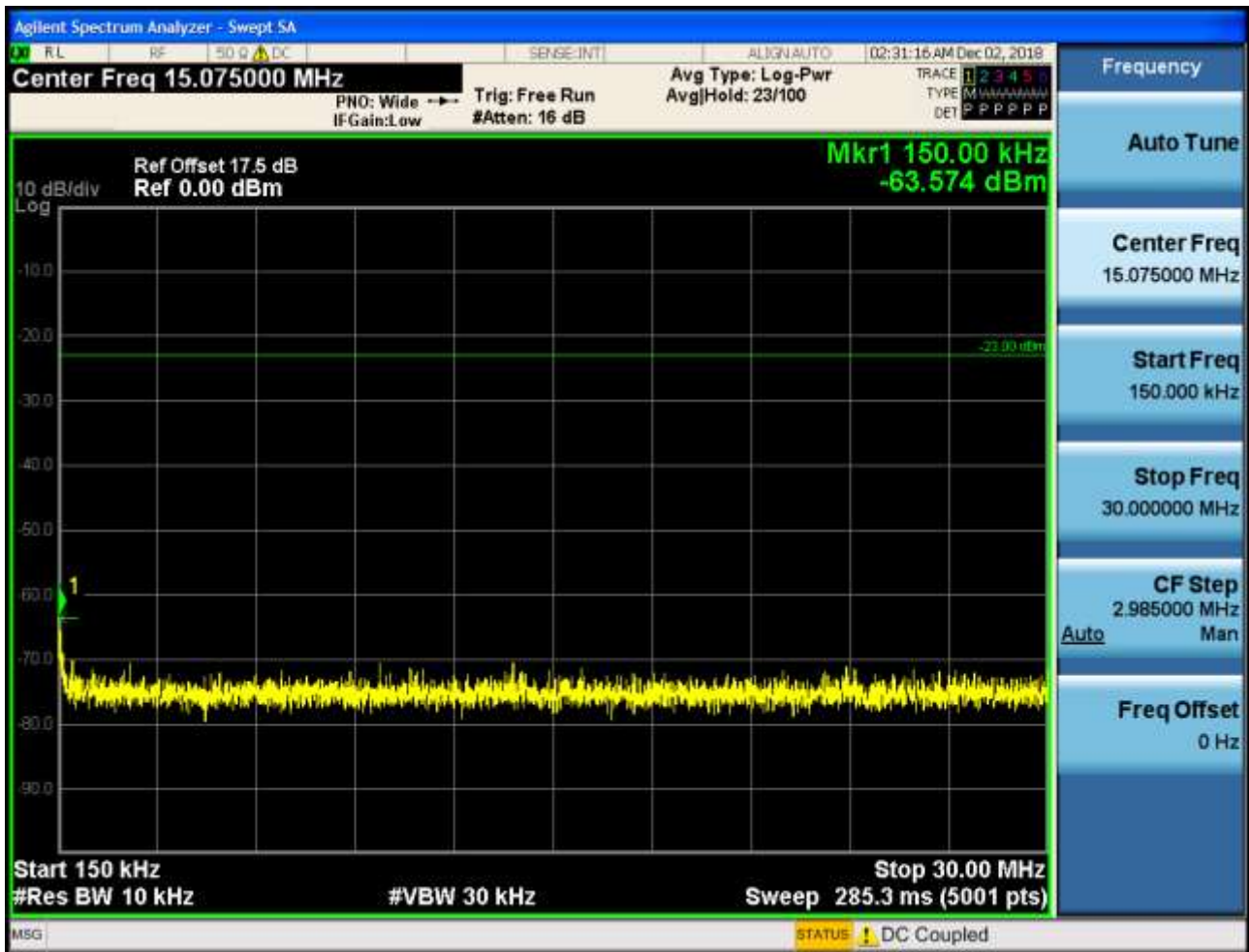


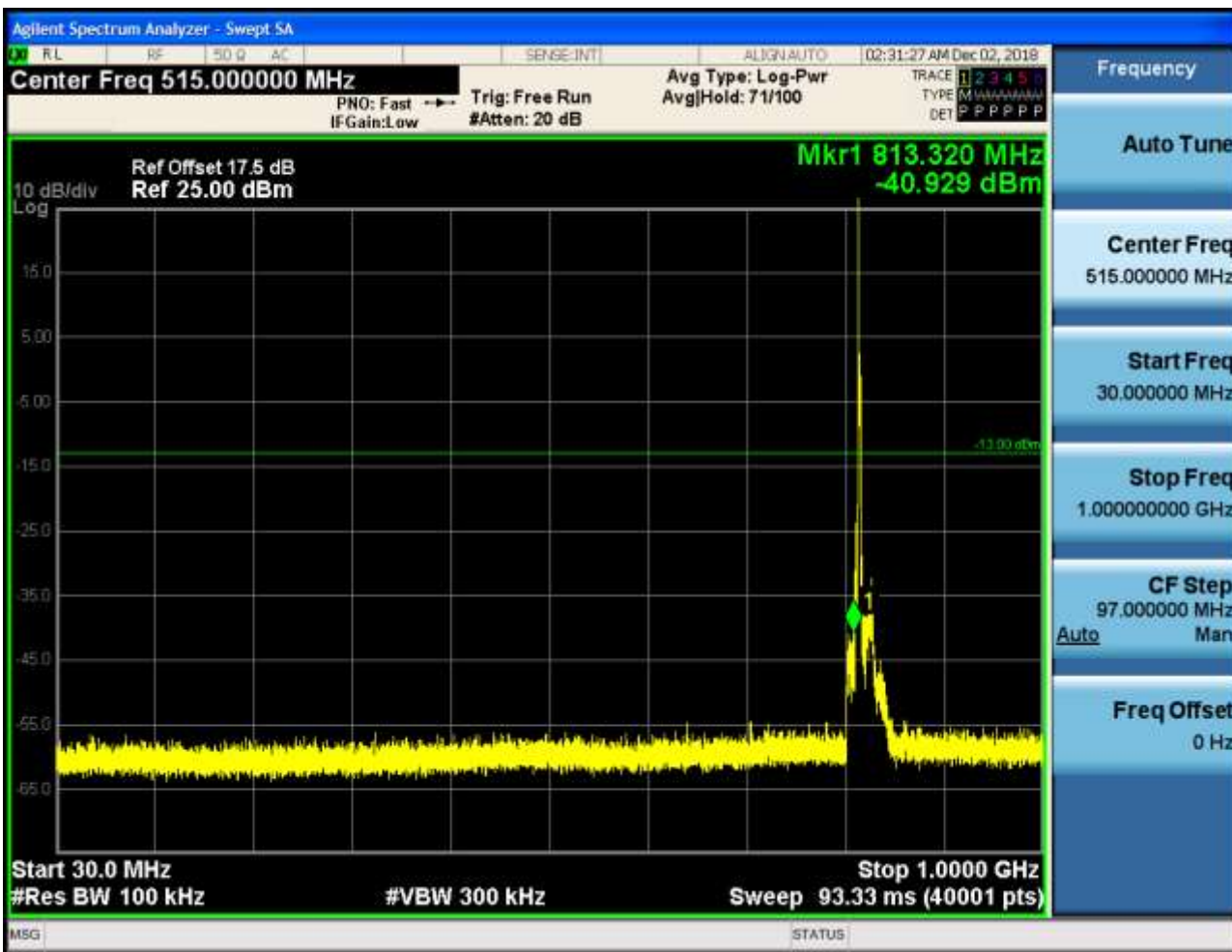


6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.1 Test RB = RB1#0





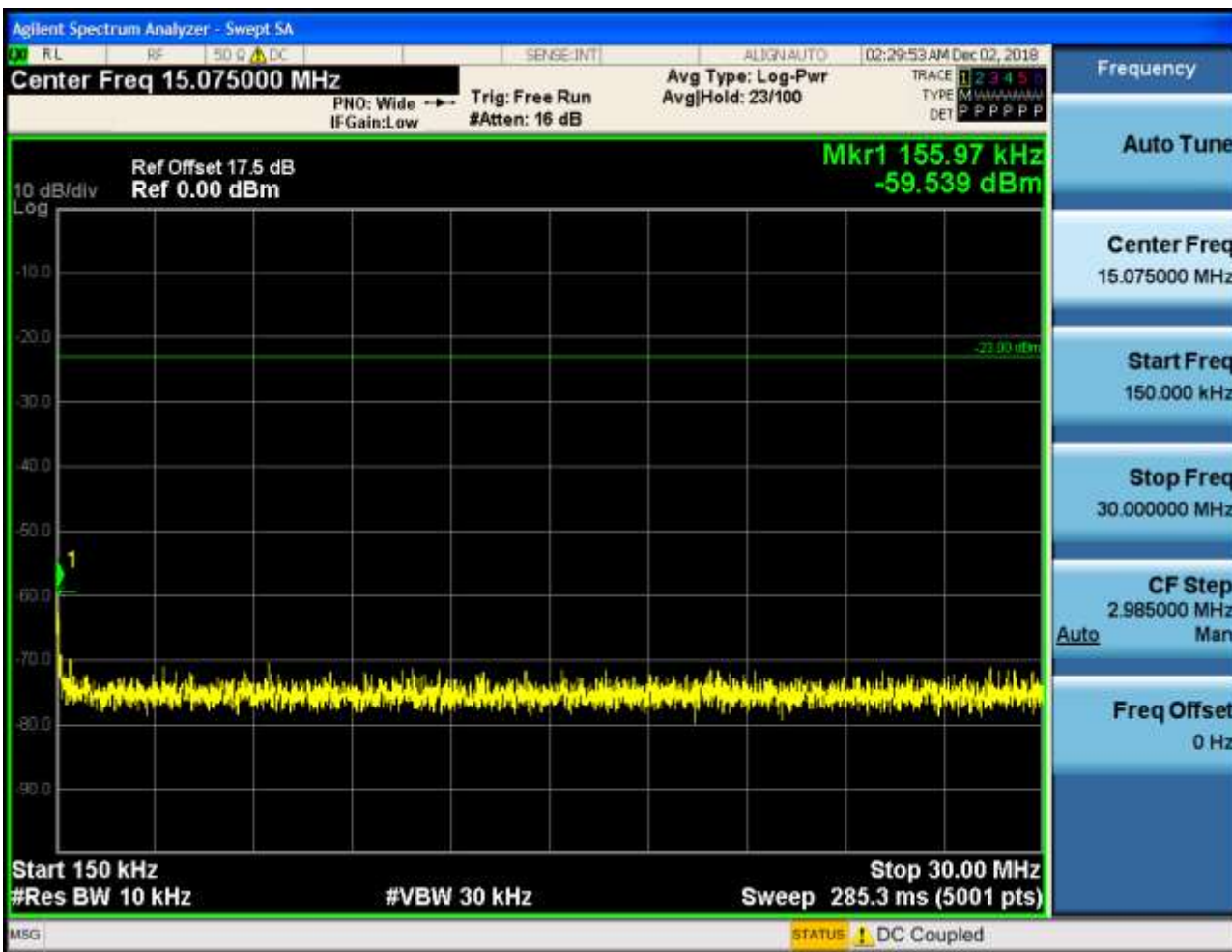


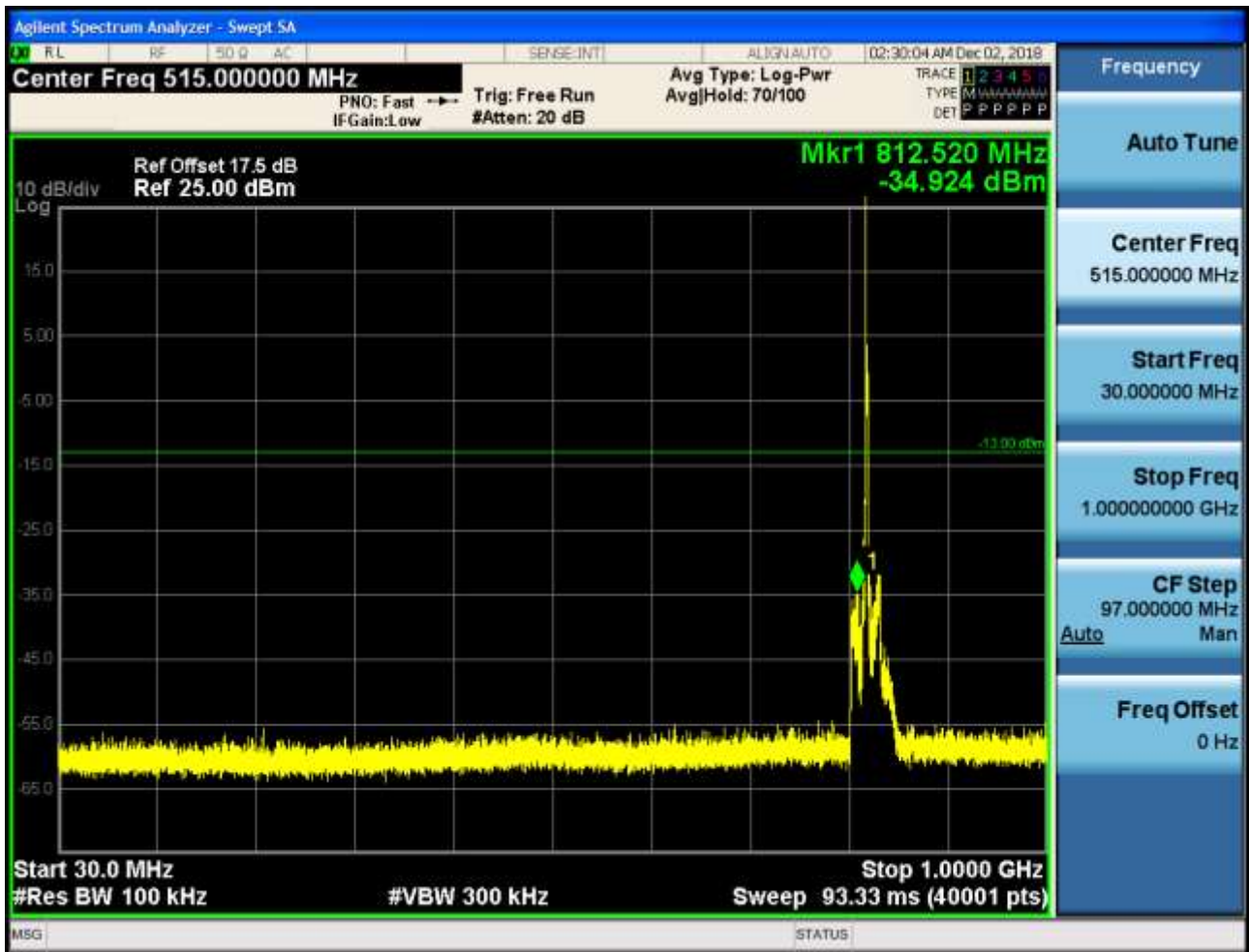


6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0







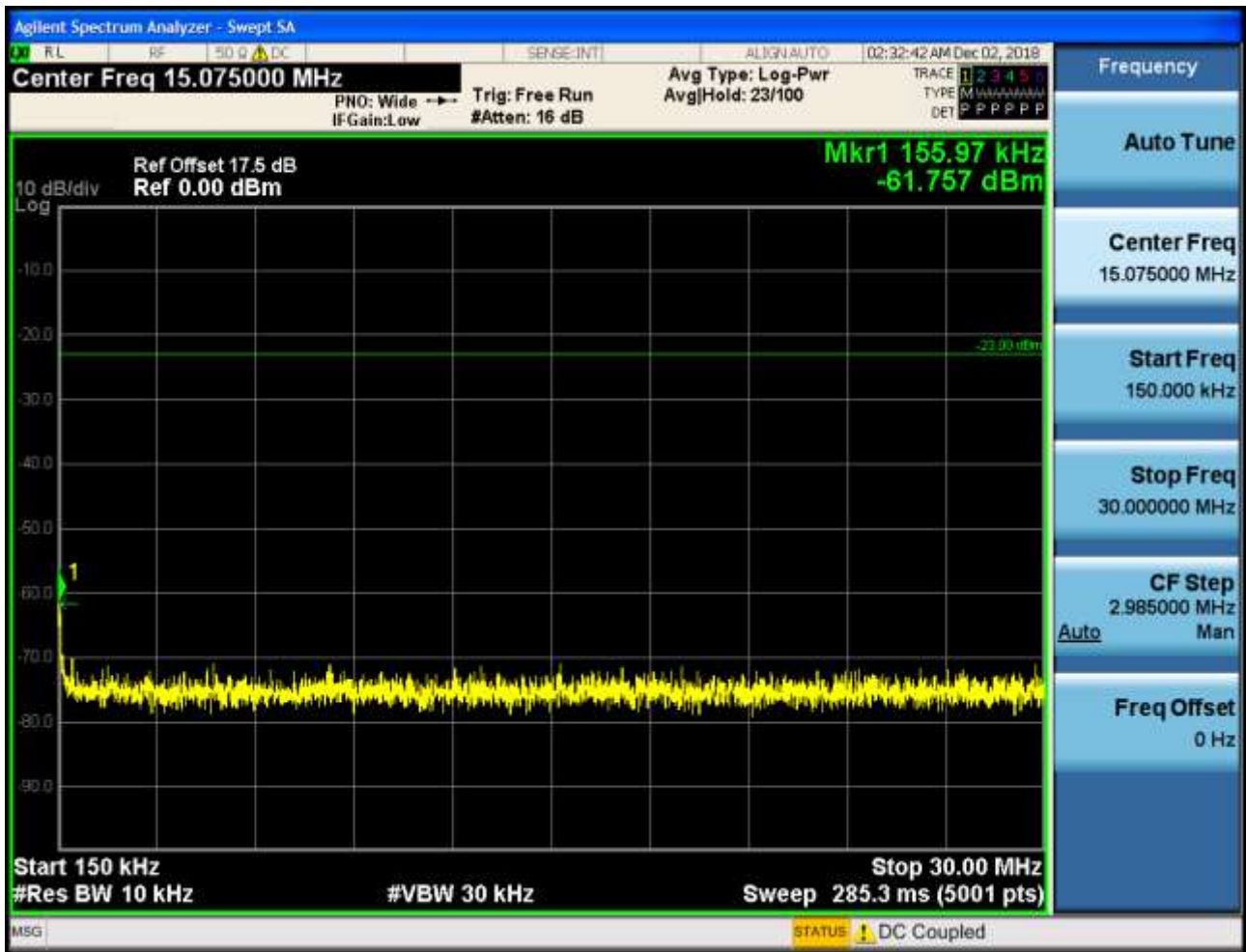


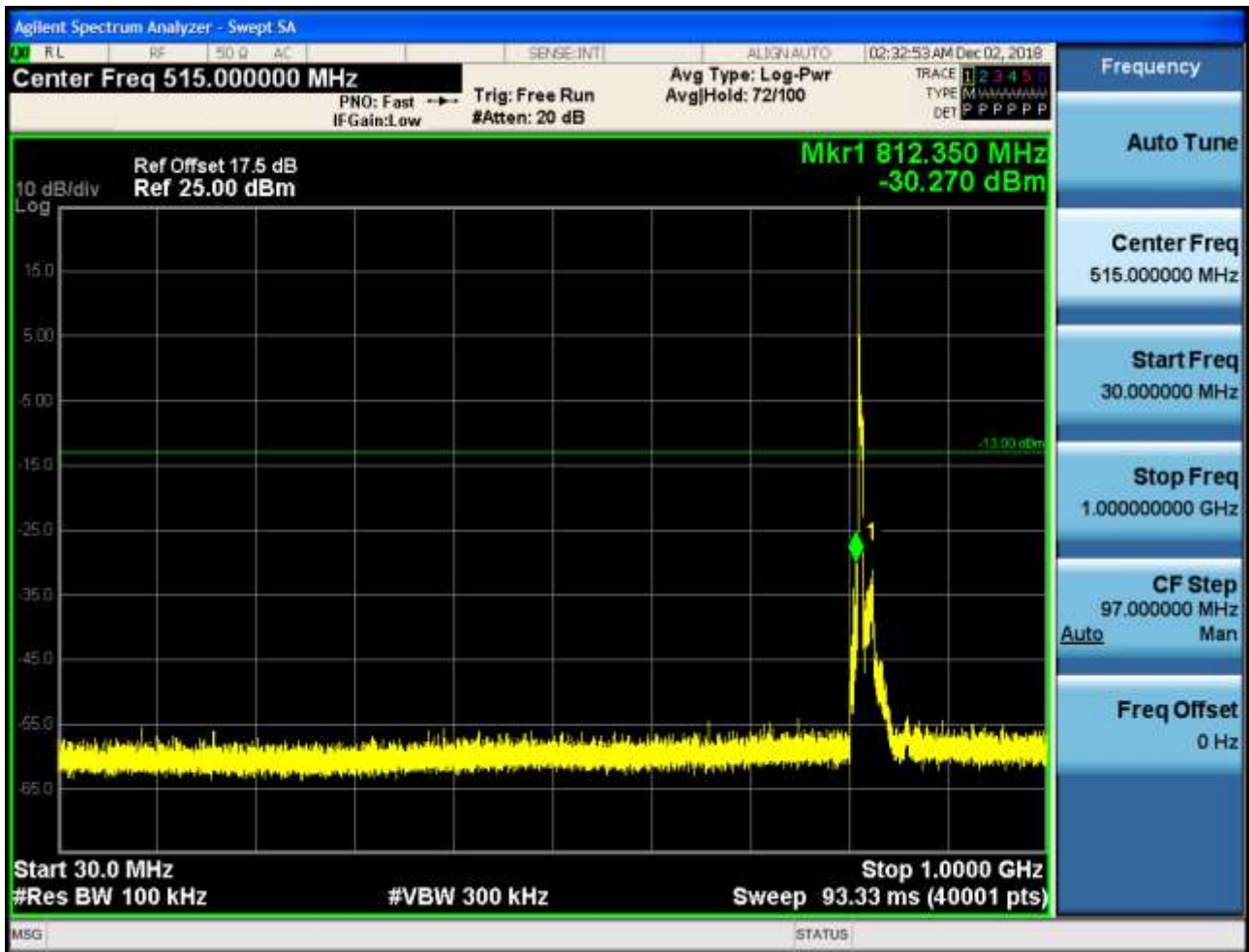
6.2.1.2.3 Test Bandwidth = 5

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0



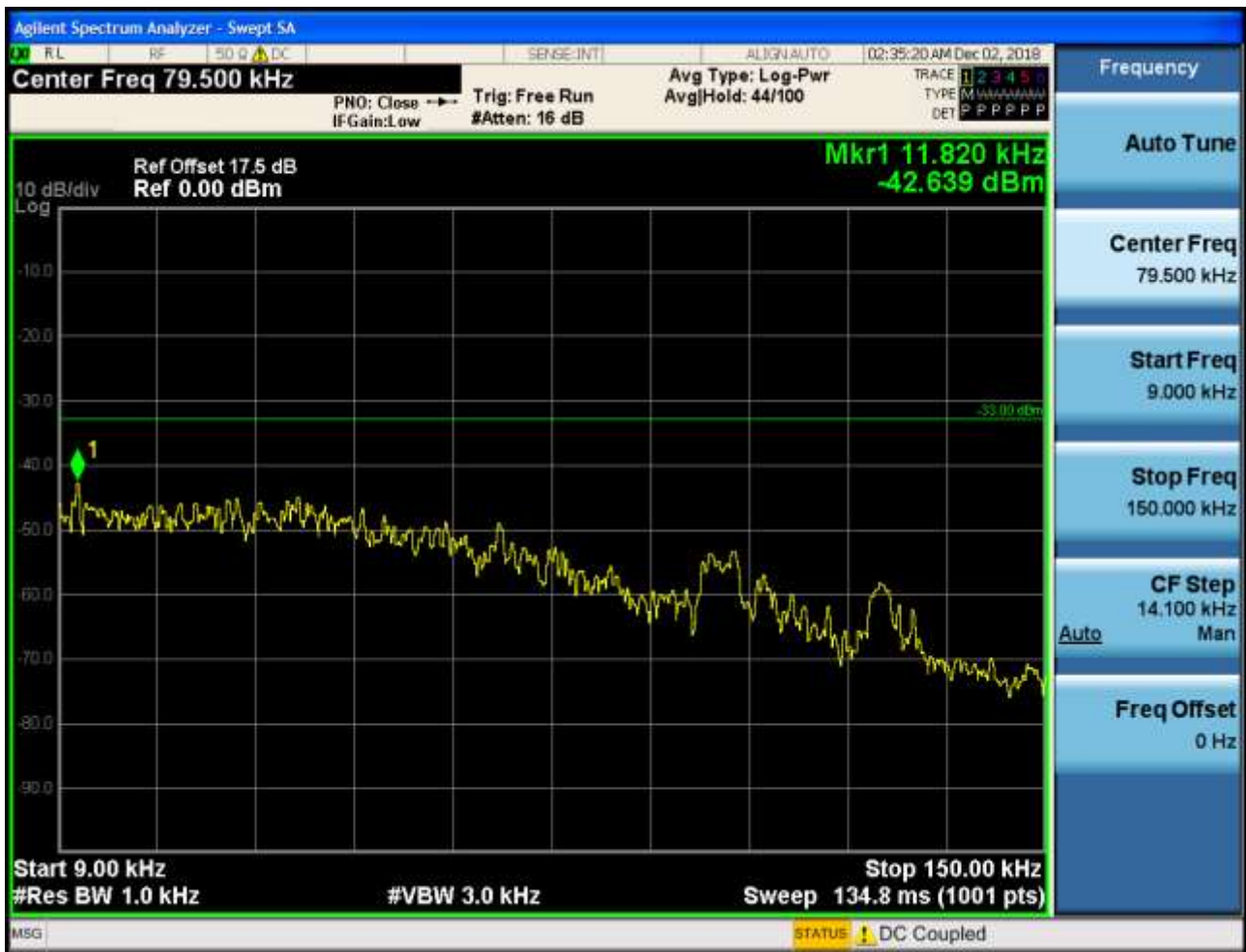


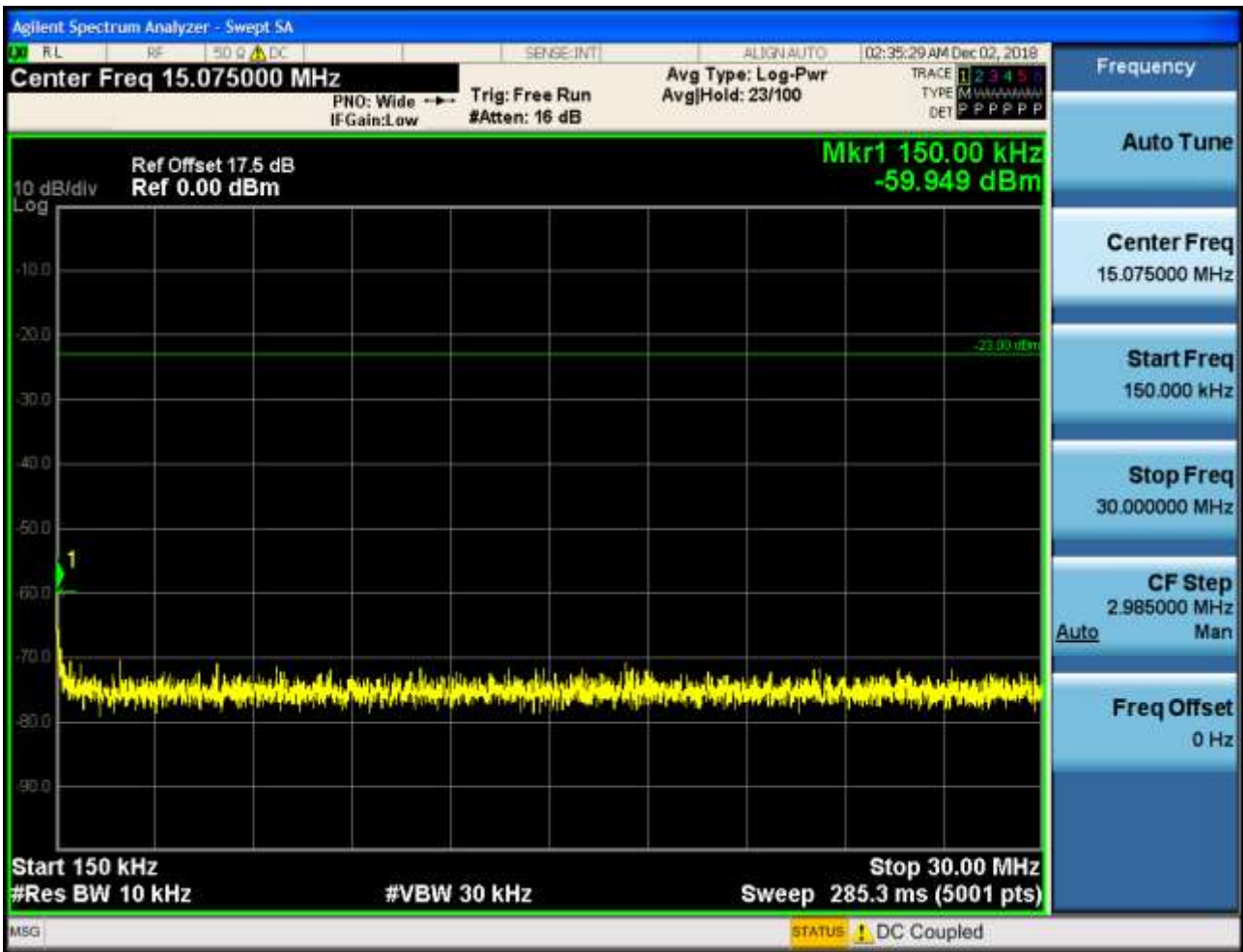


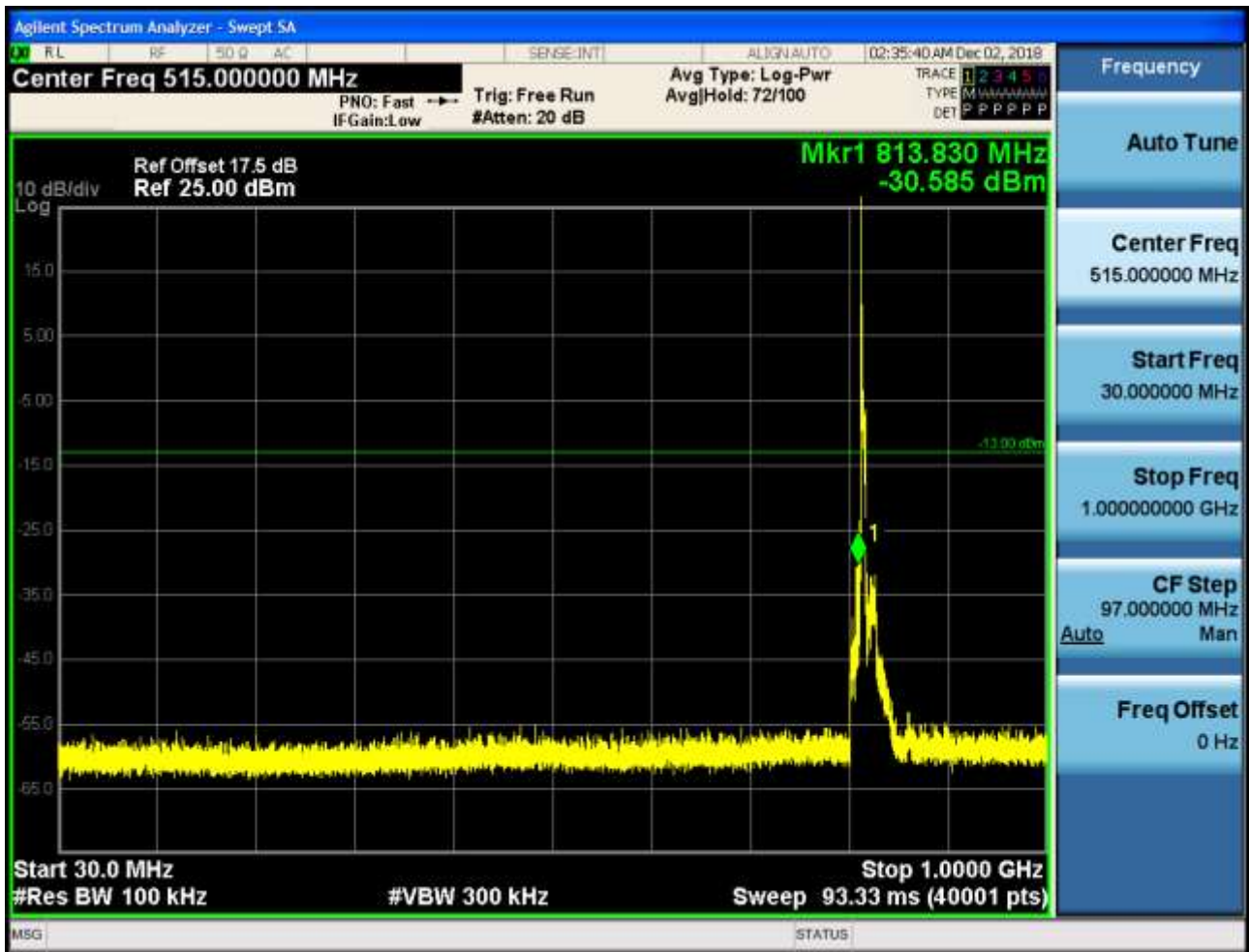


6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0





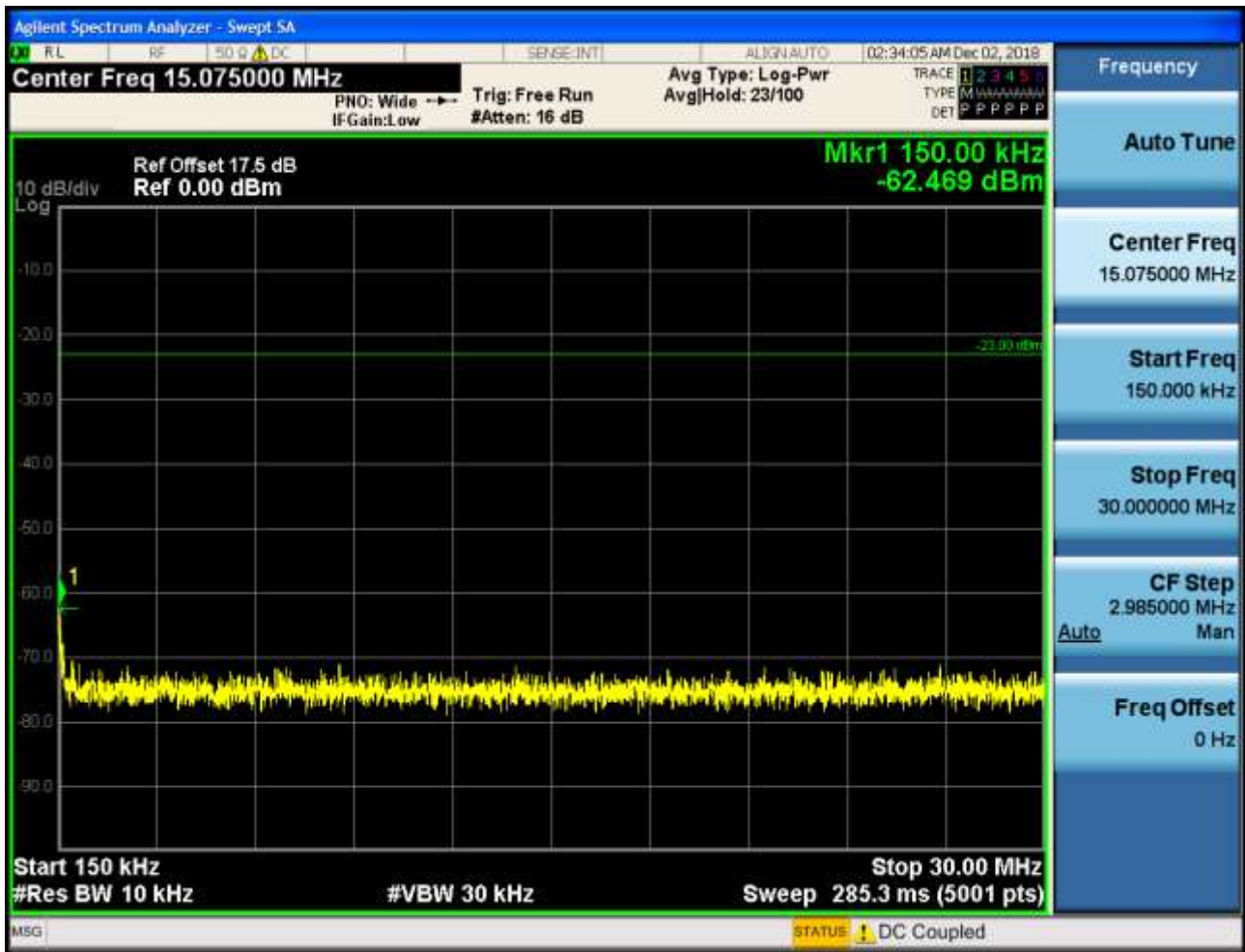


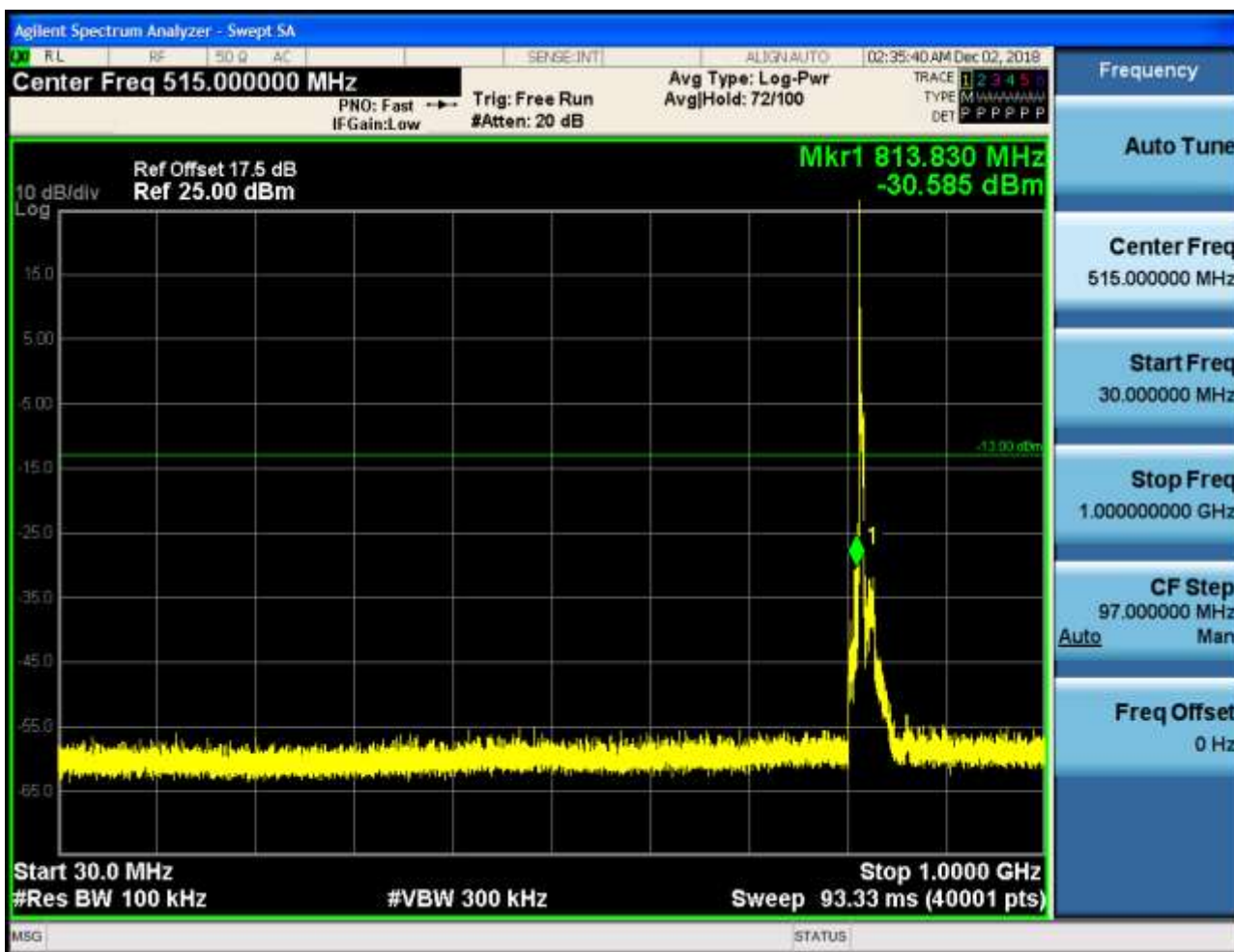


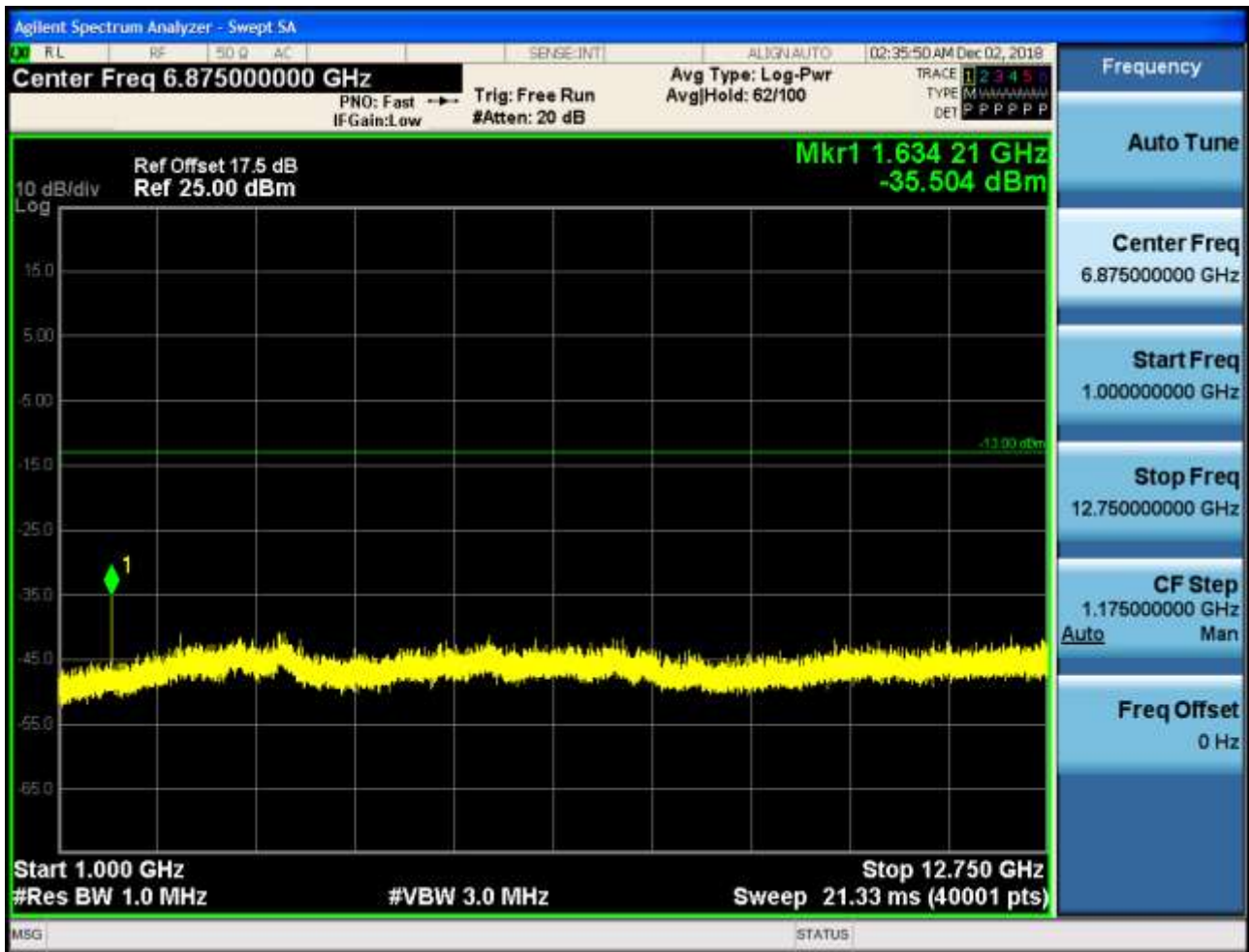
6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0







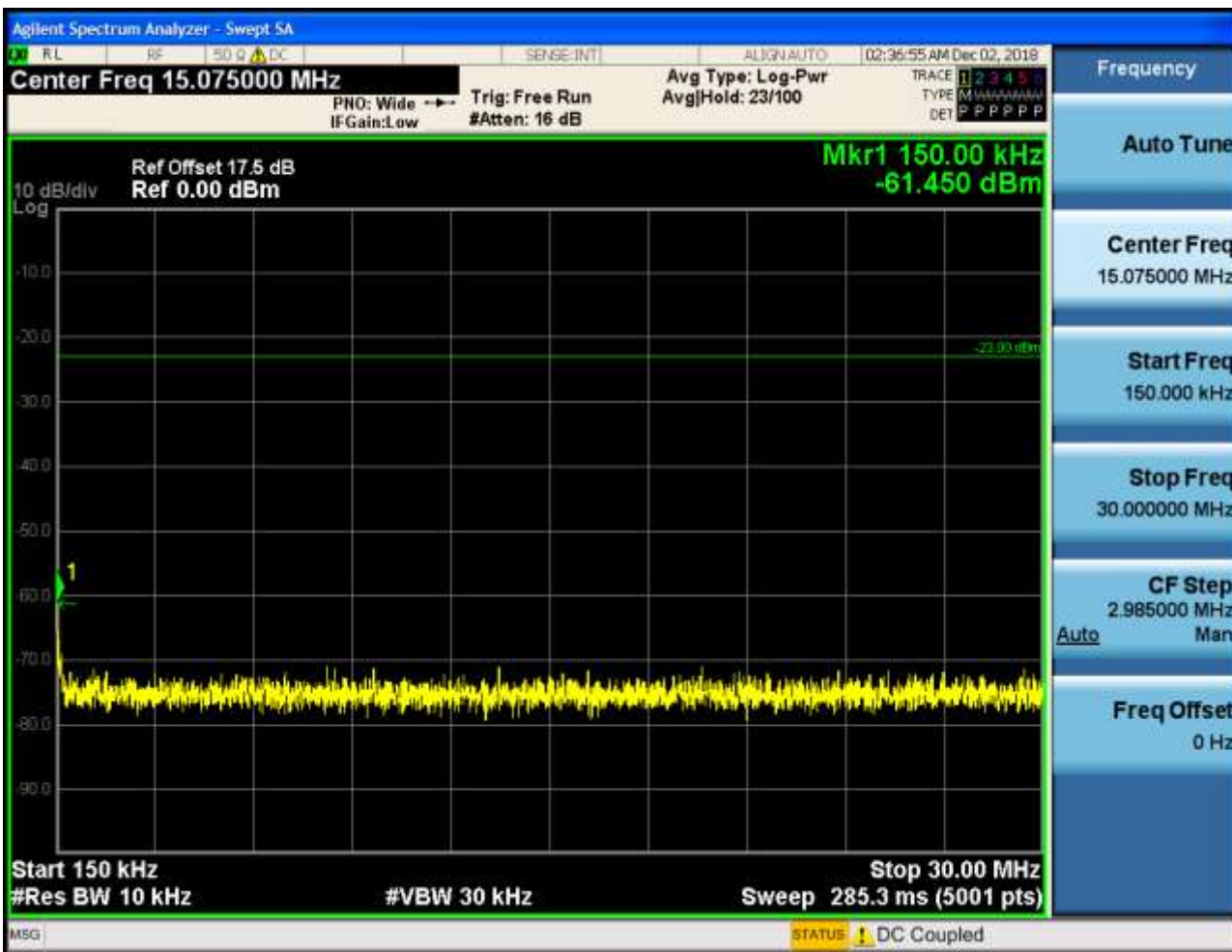


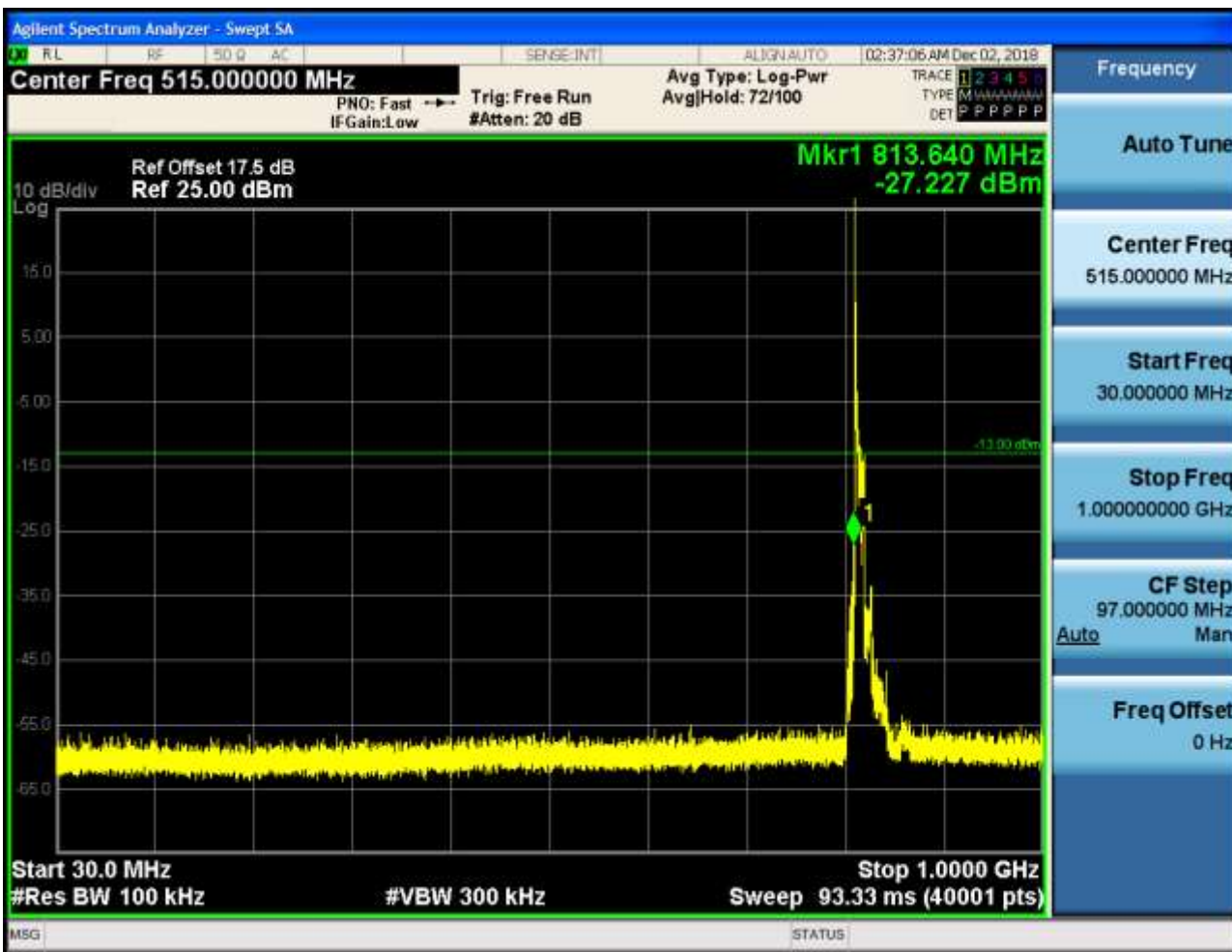
6.2.1.2.4 Test Bandwidth = 10

6.2.1.2.4.1 Test Channel = MCH

6.2.1.2.4.1.1 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

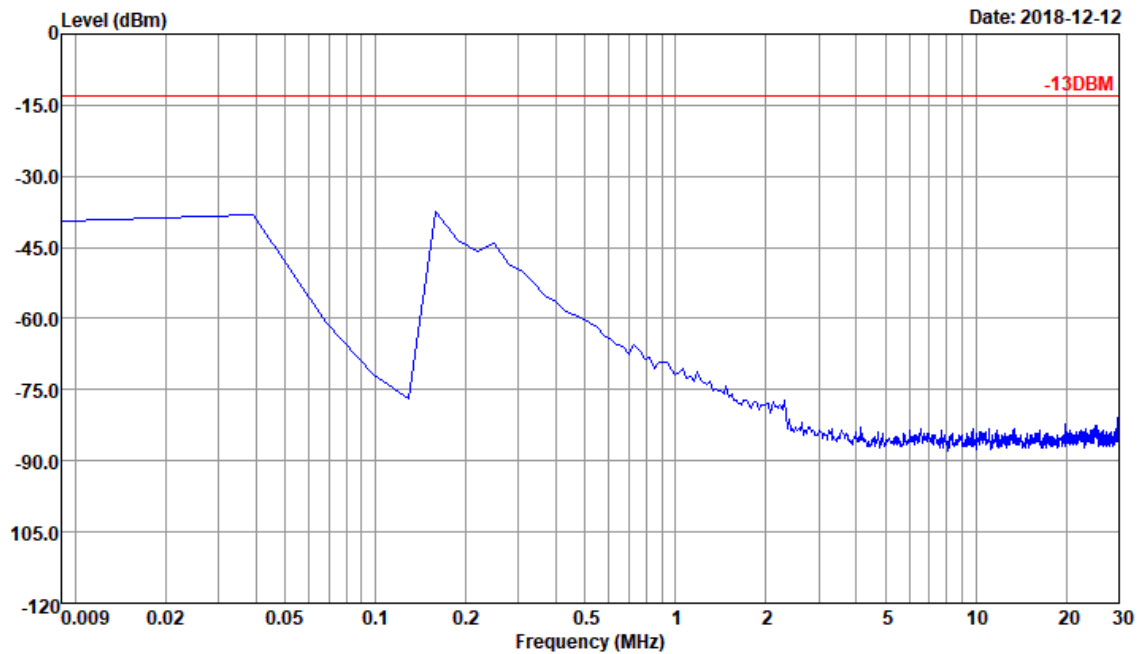
7.1.1 Test Band = Band26 (814-824 MHz_ANT1)

7.1.1.1 Test Bandwidth = 1.4



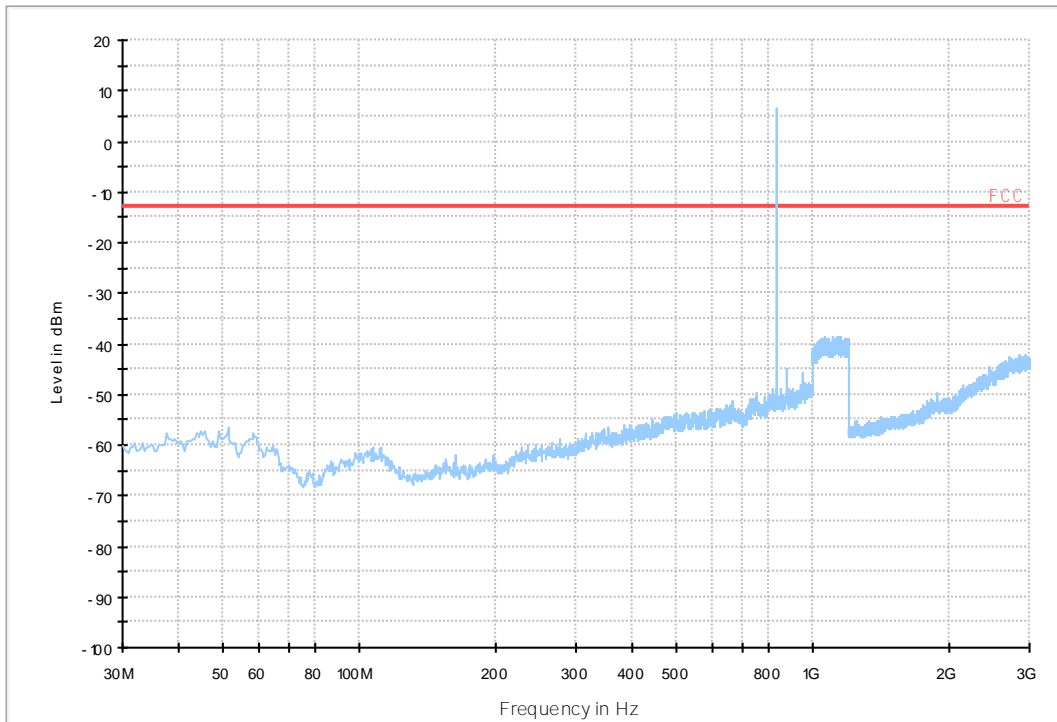
Data: 79

Date: 2018-12-12

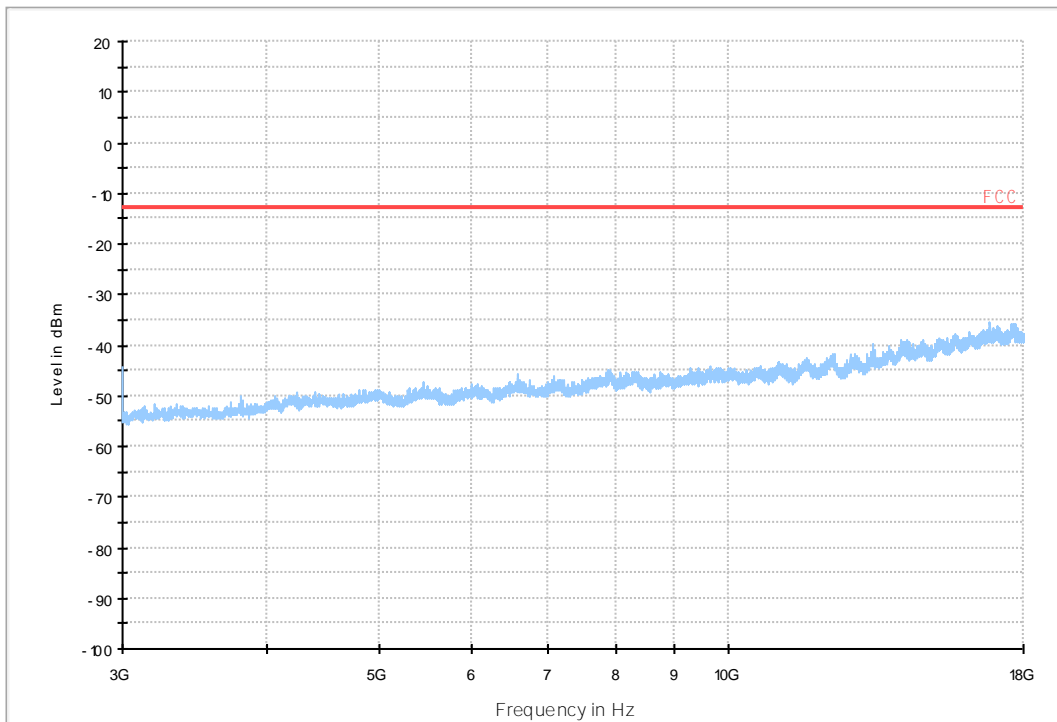


Site : 03CH01-SZ
Condition : -13DBM
: RBW:9.000KHz VBW:30.000KHz

LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



LTE FDD RSE-TX-DIRECTOR BELOW 1G_H

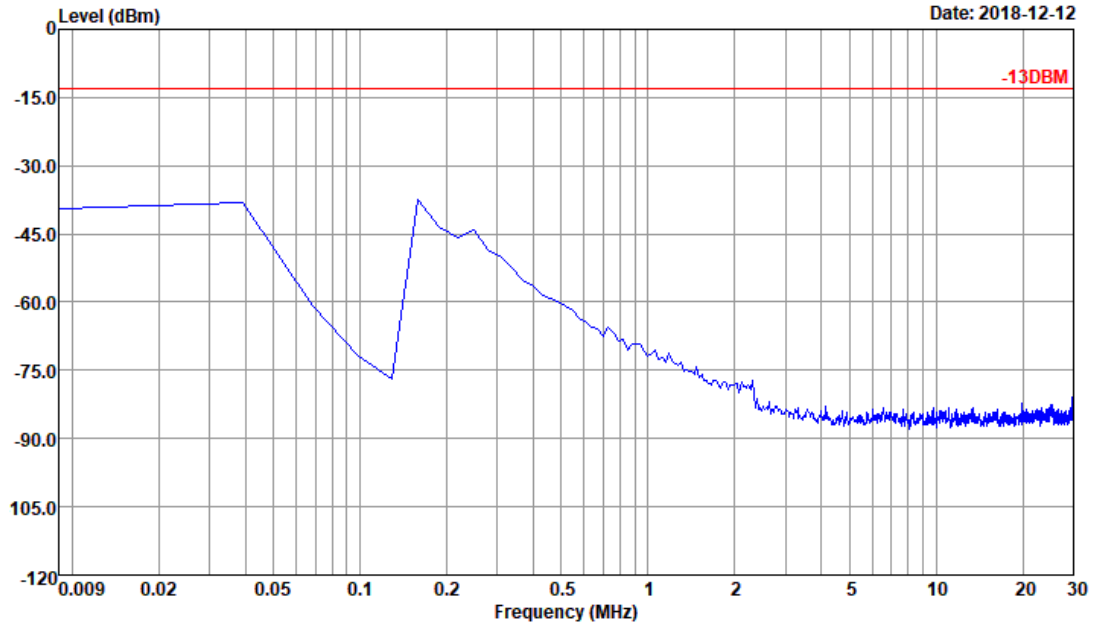


7.1.1.2 Test Bandwidth = 10



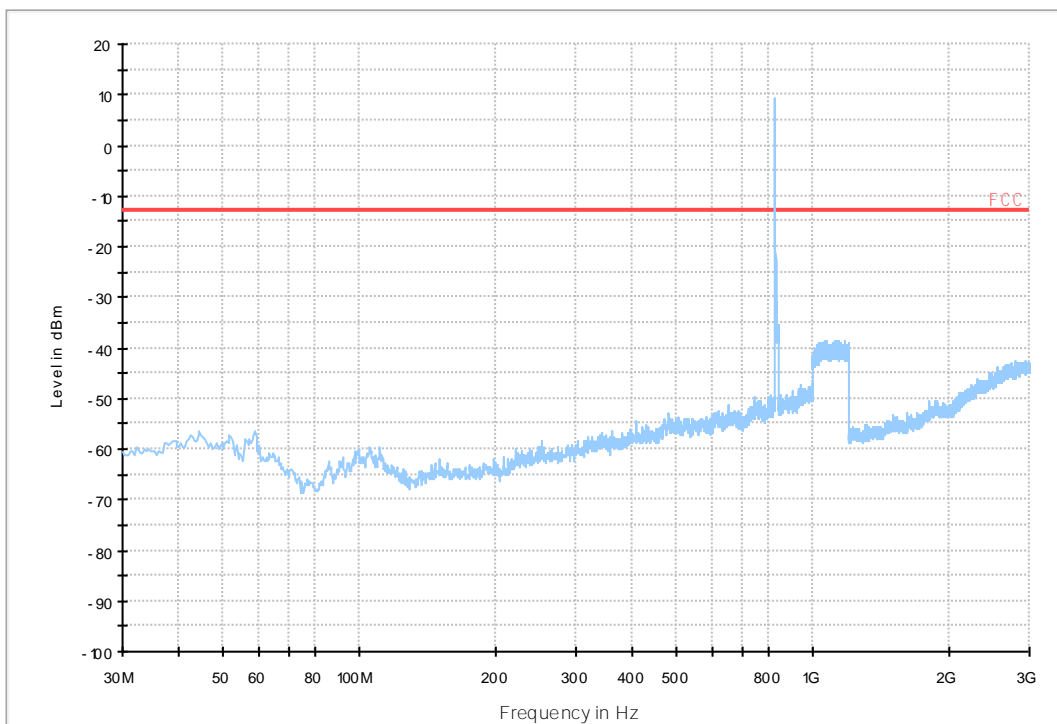
Data: 79

Date: 2018-12-12

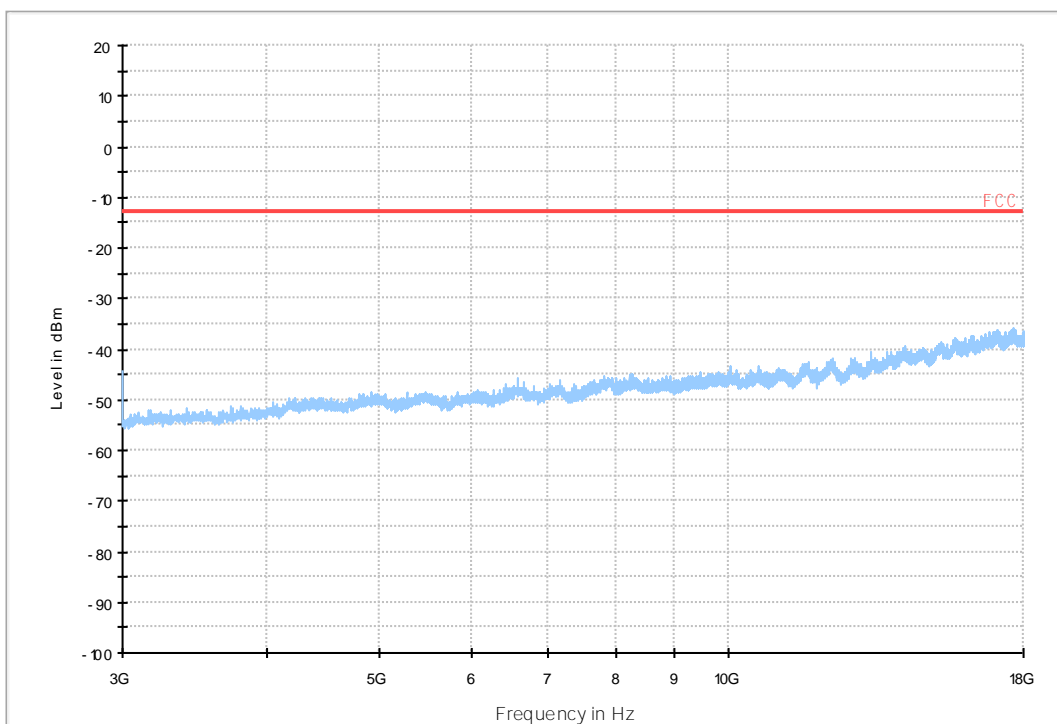


Site : 03CH01-SZ
Condition : -13DBM
: RBW:9.000KHz VBW:30.000KHz

LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



LTE FDD RSE-TX-DIRECTOR BELOW 1G_H



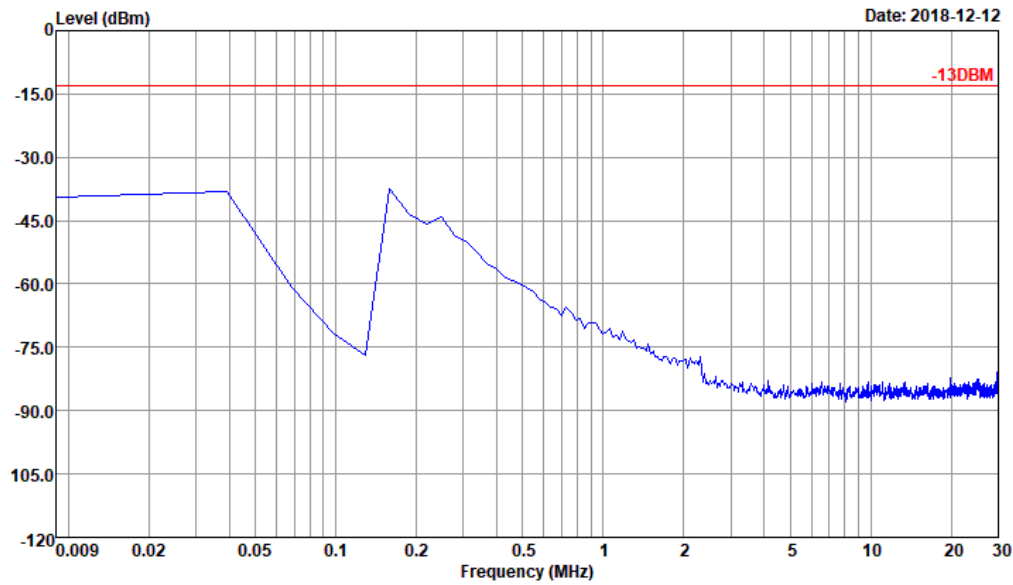
7.1.2 Test Band = Band26 (814-824 MHz_ANT2)

7.1.2.1 Test Bandwidth = 1.4



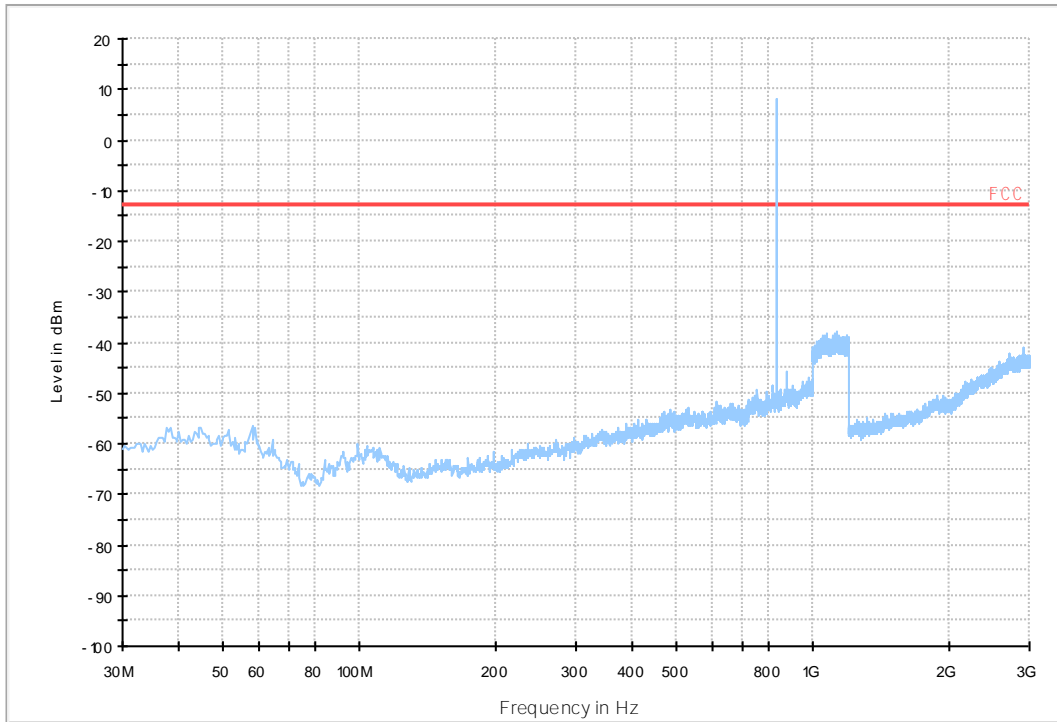
Data: 79

Date: 2018-12-12

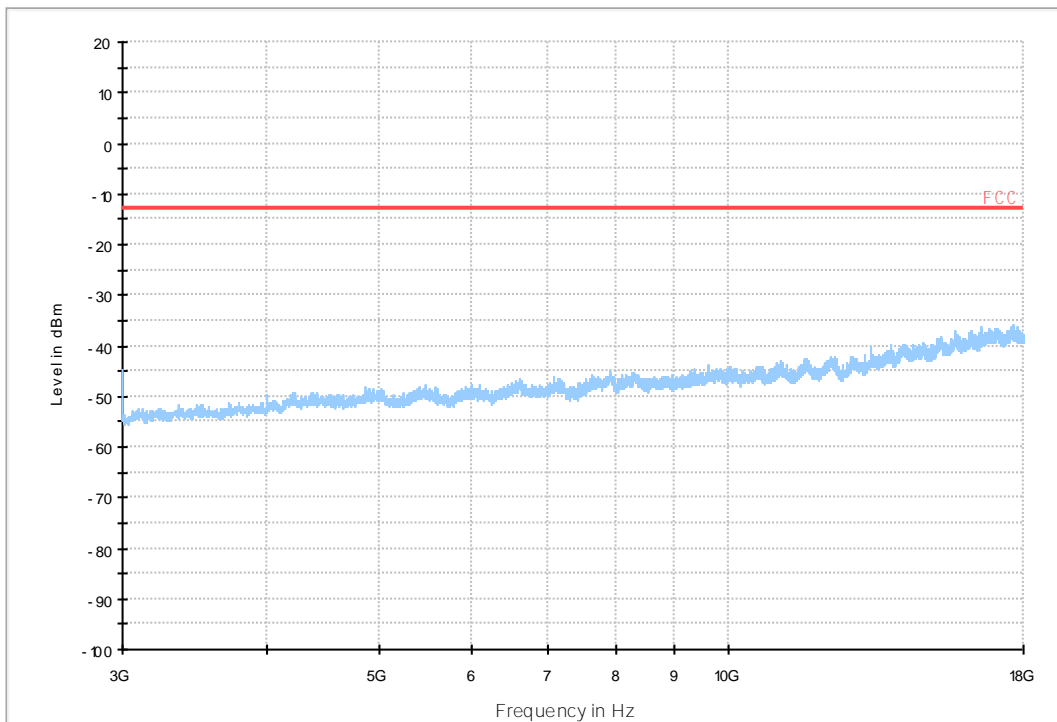


Site : 03CH01-SZ
Condition : -13DBM
: RBW:9.000KHz VBW:30.000KHz

LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



LTE FDD RSE-TX-DIRECTOR BELOW 1G_H

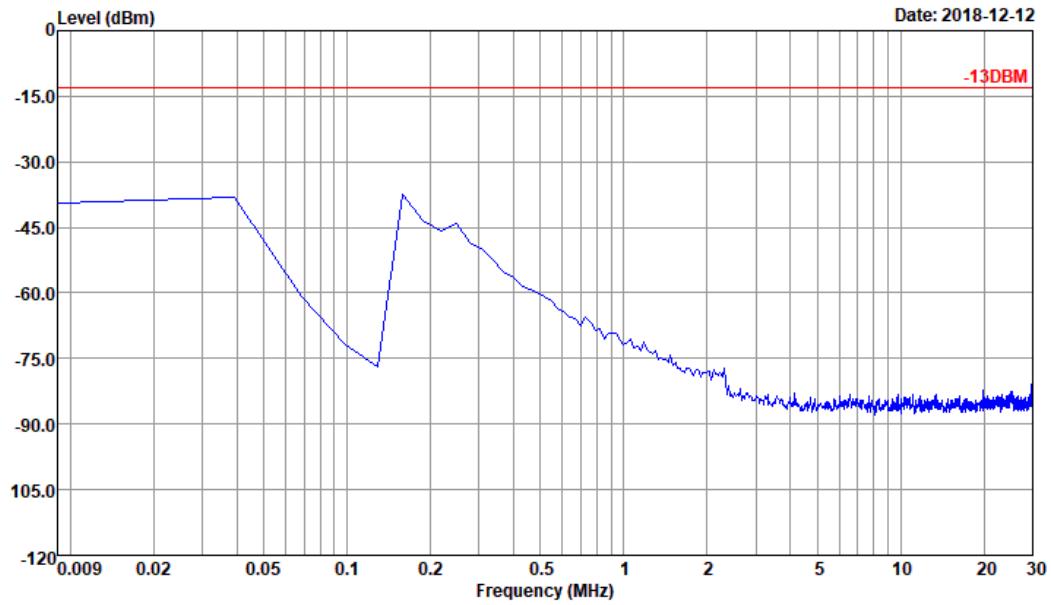


7.1.2.2 Test Bandwidth = 10



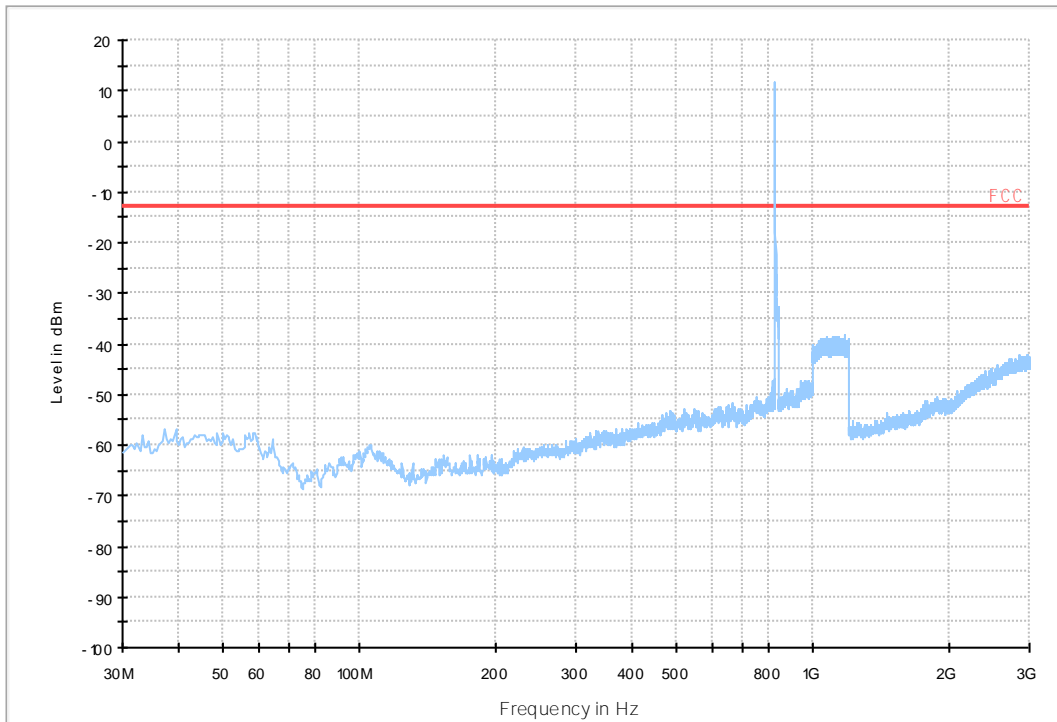
Data: 79

Date: 2018-12-12

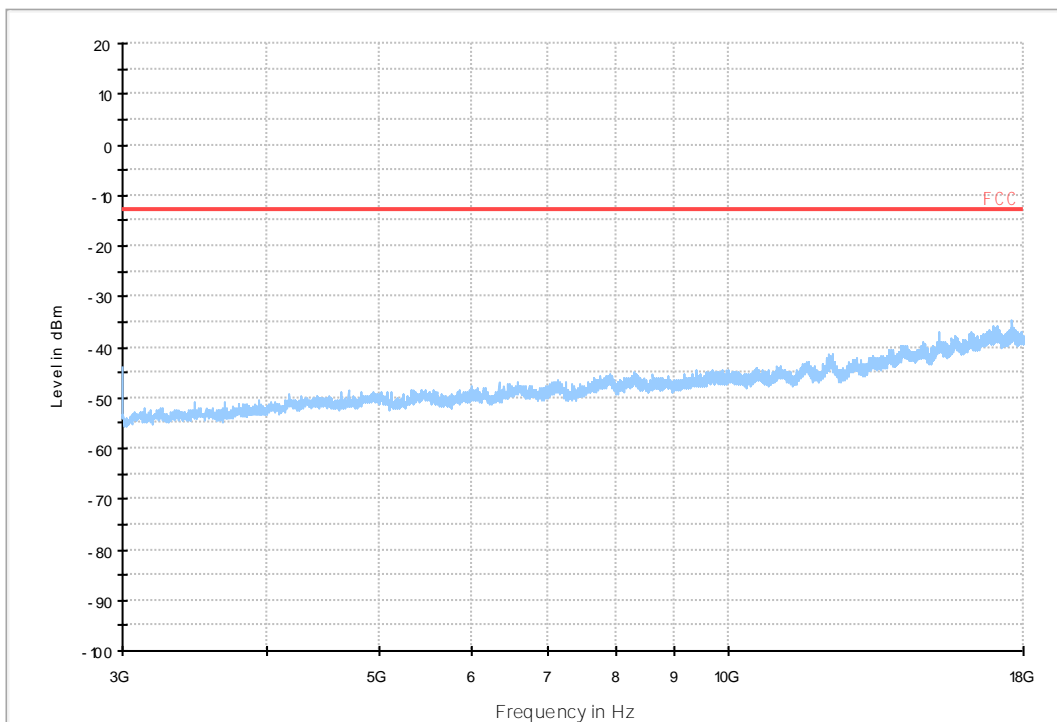


Site : 03CH01-SZ
Condition : -13DBM
: RBW:9.000KHz VBW:30.000KHz

LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



LTE FDD RSE-TX-DIRECTOR 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	
Band26 (814-824 MHz)	LTE/TM1	1.4	LCH	TN	VL	-6.82354	-0.00838	PASS	
					VN	0.42915	0.00053	PASS	
					VH	-13.10349	-0.01608	PASS	
			MCH	TN	VL	-2.71797	-0.00332	PASS	
					VN	0.24319	0.00030	PASS	
					VH	11.91616	0.01455	PASS	
			HCH	TN	VL	-3.77655	-0.00459	PASS	
					VN	-2.70367	-0.00328	PASS	
					VH	-0.65804	-0.00080	PASS	
		3	LCH	TN	VL	-7.51018	-0.00921	PASS	
					VN	-5.02109	-0.00616	PASS	
					VH	-3.03268	-0.00372	PASS	
			MCH	TN	VL	-6.79493	-0.00830	PASS	
					VN	-6.25134	-0.00763	PASS	
					VH	-0.91553	-0.00112	PASS	
			HCH	TN	VL	-2.05994	-0.00250	PASS	
					VN	-7.78198	-0.00946	PASS	
					VH	2.68936	0.00327	PASS	
		5	LCH	TN	VL	0.22888	0.00028	PASS	
					VN	0.08583	0.00011	PASS	
					VH	0.61512	0.00075	PASS	
			MCH	TN	VL	4.26292	0.00521	PASS	
					VN	1.50204	0.00183	PASS	
					VH	0.27180	0.00033	PASS	
			HCH	TN	VL	-3.17573	-0.00387	PASS	
					VN	-1.00136	-0.00122	PASS	
					VH	2.86102	0.00348	PASS	
		10	MCH	TN	VL	0.04292	0.00005	PASS	
					VN	-0.62943	-0.00077	PASS	
					VH	-1.91688	-0.00234	PASS	
		LTE/TM2	1.4	LCH	TN	VL	-3.56197	-0.00437	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-23.60344	-0.02897	PASS
					VH	-9.01222	-0.01106	PASS
					VL	-6.79493	-0.00830	PASS
			MCH	TN	VN	-6.25134	-0.00763	PASS
					VH	-0.91553	-0.00112	PASS
					VL	-3.83377	-0.00466	PASS
			HCH	TN	VN	3.08990	0.00375	PASS
					VH	-3.34740	-0.00407	PASS
					VL	0.88692	0.00109	PASS
		3	LCH	TN	VN	-4.43459	-0.00544	PASS
					VH	-2.73228	-0.00335	PASS
					VL	-2.71797	-0.00332	PASS
			MCH	TN	VN	0.24319	0.00030	PASS
					VH	11.91616	0.01455	PASS
					VL	-4.07696	-0.00496	PASS
			HCH	TN	VN	-1.55926	-0.00190	PASS
					VH	-1.40190	-0.00170	PASS
					VL	5.92232	0.00725	PASS
		5	LCH	TN	VN	1.78814	0.00219	PASS
					VH	2.03133	0.00249	PASS
					VL	-0.65804	-0.00080	PASS
			MCH	TN	VN	0.44346	0.00054	PASS
					VH	0.08583	0.00010	PASS
					VL	3.60489	0.00439	PASS
			HCH	TN	VN	5.02109	0.00611	PASS
					VH	7.56741	0.00921	PASS
					VL	-1.28746	-0.00157	PASS
10	MCH	TN	VN	-4.19140	-0.00512	PASS		
			VH	-2.17438	-0.00265	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
Band26 (814-824)	LTE/TM1	1.4	LCH	VN	-30	-4.19140	-0.00514	PASS
					-20	-10.17094	-0.01248	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
MHz)					-10	3.19004	0.00392	PASS			
					0	0.87261	0.00107	PASS			
					10	-2.86102	-0.00351	PASS			
					20	0.42915	0.00053	PASS			
					30	-16.15047	-0.01982	PASS			
					40	2.53200	0.00311	PASS			
					50	1.54495	0.00190	PASS			
			MCH	VN				-30	-2.90394	-0.00355	PASS
								-20	-2.03133	-0.00248	PASS
								-10	-6.78062	-0.00828	PASS
								0	-2.04563	-0.00250	PASS
								10	-11.32965	-0.01383	PASS
								20	0.08583	0.00011	PASS
								30	5.46455	0.00667	PASS
			HCH	VN				40	4.14848	0.00507	PASS
								50	0.82970	0.00102	PASS
								-30	-1.81675	-0.00221	PASS
								-20	-1.65939	-0.00202	PASS
								-10	-12.13074	-0.01473	PASS
								0	9.79900	0.01190	PASS
								10	-2.51770	-0.00306	PASS
		3	LCH				20	-2.70367	-0.00328	PASS	
							30	-5.50747	-0.00669	PASS	
							40	2.38895	0.00290	PASS	
							50	-4.73499	-0.00575	PASS	
							-30	2.74658	0.00337	PASS	
							-20	-1.95980	-0.00240	PASS	
							-10	-3.39031	-0.00416	PASS	
			MCH	VN				0	-4.36306	-0.00535	PASS
								10	-5.56469	-0.00682	PASS
								20	-5.02109	-0.00616	PASS
								30	-3.14712	-0.00386	PASS
								40	-8.65459	-0.01061	PASS
								50	-3.31879	-0.00407	PASS
								-30	-2.18868	-0.00267	PASS
		-20	-0.52929	-0.00065	PASS						

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-10	3.14712	0.00384	PASS	
					0	-0.78678	-0.00096	PASS	
					10	-2.17438	-0.00265	PASS	
					20	-6.25134	-0.00763	PASS	
					30	0.05722	0.00007	PASS	
					40	-2.03133	-0.00248	PASS	
					50	1.51634	0.00185	PASS	
			HCH	VN	-30	-2.38895	-0.00290	PASS	
					-20	5.87940	0.00715	PASS	
					-10	1.78814	0.00217	PASS	
					0	-4.04835	-0.00492	PASS	
					10	2.17438	0.00264	PASS	
					20	-7.78198	-0.00946	PASS	
					30	-5.12123	-0.00623	PASS	
		LCH	VN	-30	-0.74387	-0.00091	PASS		
				-20	0.82970	0.00102	PASS		
				-10	0.67234	0.00082	PASS		
				0	1.58787	0.00194	PASS		
				10	-3.00407	-0.00368	PASS		
				20	0.08583	0.00011	PASS		
				30	0.62943	0.00077	PASS		
				40	3.50475	0.00429	PASS		
				50	-2.17438	-0.00266	PASS		
				MCH	VN	-30	-0.47207	-0.00058	PASS
						-20	1.38760	0.00169	PASS
						-10	3.49045	0.00426	PASS
						0	3.90530	0.00477	PASS
						10	-0.32902	-0.00040	PASS
		20	1.50204			0.00183	PASS		
		30	2.13146			0.00260	PASS		
		HCH	VN	40	-3.97682	-0.00486	PASS		
				50	-2.86102	-0.00351	PASS		
				-30	0.17166	0.00021	PASS		
				-20	0.41485	0.00050	PASS		
				-10	0.18597	0.00023	PASS		
		0	-1.80244	-0.00219	PASS				
		10	1.98841	0.00242	PASS				

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
		10	MCH	VN	20	-1.00136	-0.00122	PASS	
					30	3.23296	0.00394	PASS	
					40	1.65939	0.00202	PASS	
					50	1.58787	0.00194	PASS	
					-30	-1.13010	-0.00138	PASS	
					-20	-0.28610	-0.00035	PASS	
					-10	0.22888	0.00028	PASS	
					0	-4.57764	-0.00559	PASS	
		10	0.40054	0.00049	PASS				
		20	-0.62943	-0.00077	PASS				
		30	-2.11716	-0.00259	PASS				
		40	-1.11580	-0.00136	PASS				
		50	-1.14441	-0.00140	PASS				
		LTE/TM2	1.4	LCH	VN	-30	-0.94414	-0.00116	PASS
						-20	5.95093	0.00730	PASS
						-10	-7.56741	-0.00929	PASS
	0					7.26700	0.00892	PASS	
	10					-15.07759	-0.01851	PASS	
	20					-23.60344	-0.02897	PASS	
	30					-38.26618	-0.04697	PASS	
	40					0.94414	0.00116	PASS	
	50			7.32422	0.00899	PASS			
	MCH			VN	-30	4.09126	0.00500	PASS	
					-20	-3.74794	-0.00460	PASS	
					-10	-0.27180	-0.00033	PASS	
					0	1.50204	0.00183	PASS	
					10	-7.36713	-0.00900	PASS	
					20	1.65939	0.00202	PASS	
					30	-12.23087	-0.01493	PASS	
		40	4.49181		0.00548	PASS			
	HCH	VN	-30	2.27451	0.00276	PASS			
			-20	-2.71797	-0.00330	PASS			
-10			6.36578	0.00773	PASS				
0			-3.49045	-0.00424	PASS				

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	-3.87669	-0.00471	PASS		
					20	3.08990	0.00375	PASS		
					30	11.30104	0.01373	PASS		
					40	2.04563	0.00248	PASS		
					50	3.57628	0.00434	PASS		
		3	LCH	VN	-30	0.48637	0.00060	PASS		
					-20	-3.74794	-0.00460	PASS		
					-10	-5.07832	-0.00623	PASS		
					0	-0.01431	-0.00002	PASS		
					10	4.72069	0.00579	PASS		
					20	-4.43459	-0.00544	PASS		
					30	-1.63078	-0.00200	PASS		
					40	-1.65939	-0.00203	PASS		
					50	-3.97682	-0.00488	PASS		
					MCH	VN	-30	-4.54903	-0.00555	PASS
							-20	-4.39167	-0.00536	PASS
							-10	-4.89235	-0.00597	PASS
							0	-4.96387	-0.00606	PASS
							10	1.87397	0.00229	PASS
							20	0.24319	0.00030	PASS
			30	4.90665			0.00599	PASS		
			40	-3.39031			-0.00414	PASS		
			50	-3.59058			-0.00438	PASS		
			HCH	VN			-30	2.05994	0.00250	PASS
					-20	-3.97682	-0.00484	PASS		
					-10	4.16279	0.00506	PASS		
					0	8.95500	0.01089	PASS		
					10	-2.34604	-0.00285	PASS		
					20	-1.55926	-0.00190	PASS		
					30	3.29018	0.00400	PASS		
		40			4.84943	0.00590	PASS			
		5	LCH	VN	-30	1.31607	0.00161	PASS		
					-20	-0.04292	-0.00005	PASS		
-10	0.17166				0.00021	PASS				
0	0.91553				0.00112	PASS				
10	2.91824				0.00357	PASS				
20	1.78814				0.00219	PASS				
30	4.20570				0.00515	PASS				

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	0.12875	0.00016	PASS
					50	-1.27316	-0.00156	PASS
			MCH	VN	-30	-0.17166	-0.00021	PASS
					-20	4.37737	0.00534	PASS
					-10	-2.93255	-0.00358	PASS
					0	1.44482	0.00176	PASS
					10	2.21729	0.00271	PASS
					20	0.44346	0.00054	PASS
					30	3.51906	0.00430	PASS
					40	2.94685	0.00360	PASS
					50	1.65939	0.00202	PASS
					HCH	VN	-30	2.40326
			-20	0.62943			0.00077	PASS
			-10	0.10014			0.00012	PASS
		0	0.61512	0.00075			PASS	
		10	-7.99656	-0.00973			PASS	
		20	5.02109	0.00611			PASS	
		30	-0.50068	-0.00061			PASS	
		40	3.06129	0.00373			PASS	
		10	MCH	VN	50	0.17166	0.00021	PASS
					-30	0.54359	0.00066	PASS
					-20	3.20435	0.00391	PASS
					-10	-2.84672	-0.00348	PASS
					0	0.40054	0.00049	PASS
					10	-0.32902	-0.00040	PASS
					20	-4.19140	-0.00512	PASS
					30	-0.12875	-0.00016	PASS
					40	4.19140	0.00512	PASS
50	-4.96387				-0.00606	PASS		

END