

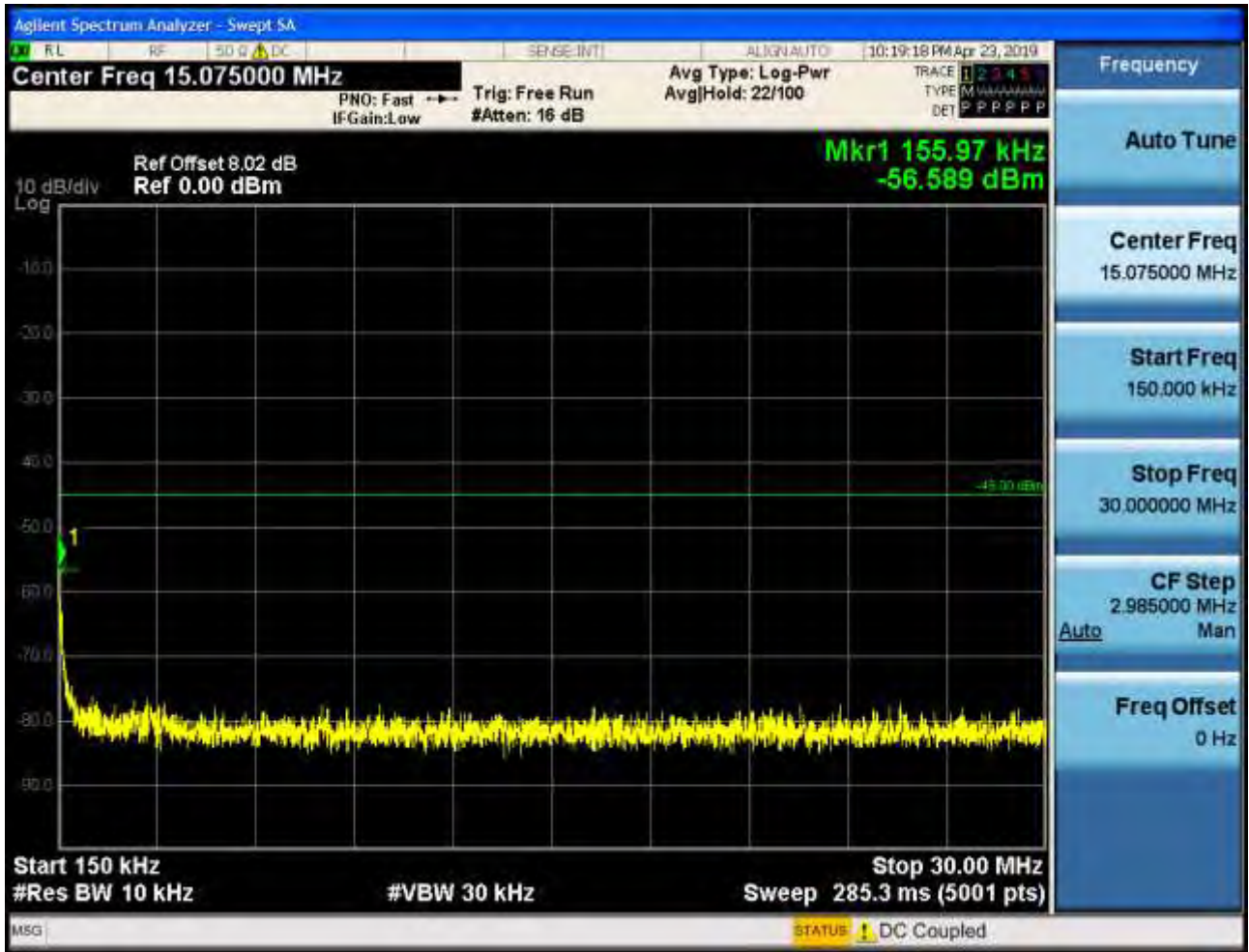




6.2.1.1.2.3 Test Channel = HCH

6.2.1.1.2.3.1 Test RB = RB1#0





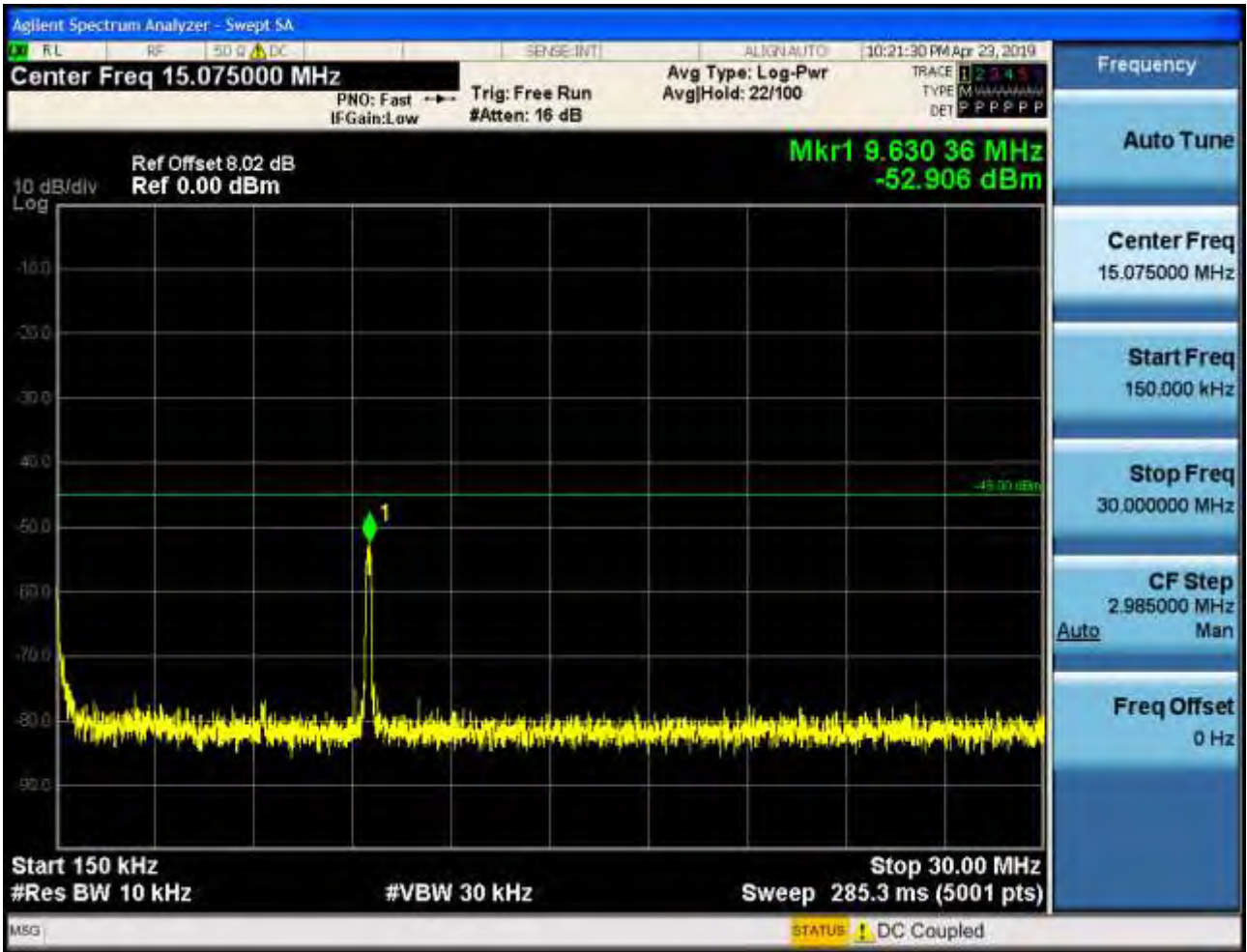


6.2.1.1.3 Test Bandwidth = 15

6.2.1.1.3.1 Test Channel = LCH

6.2.1.1.3.1.1 Test RB = RB1#0





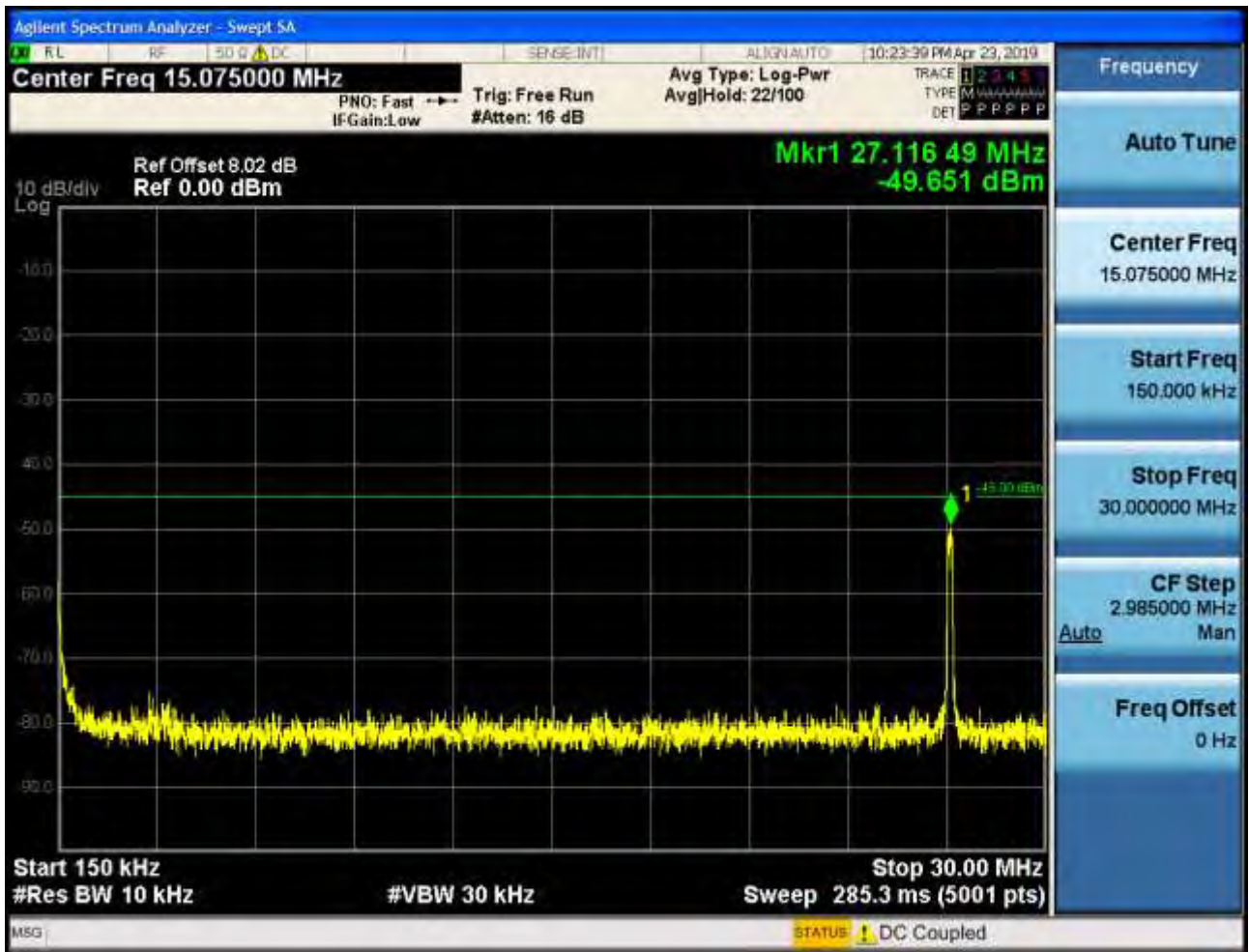




6.2.1.1.3.2 Test Channel = MCH

6.2.1.1.3.2.1 Test RB = RB1#0





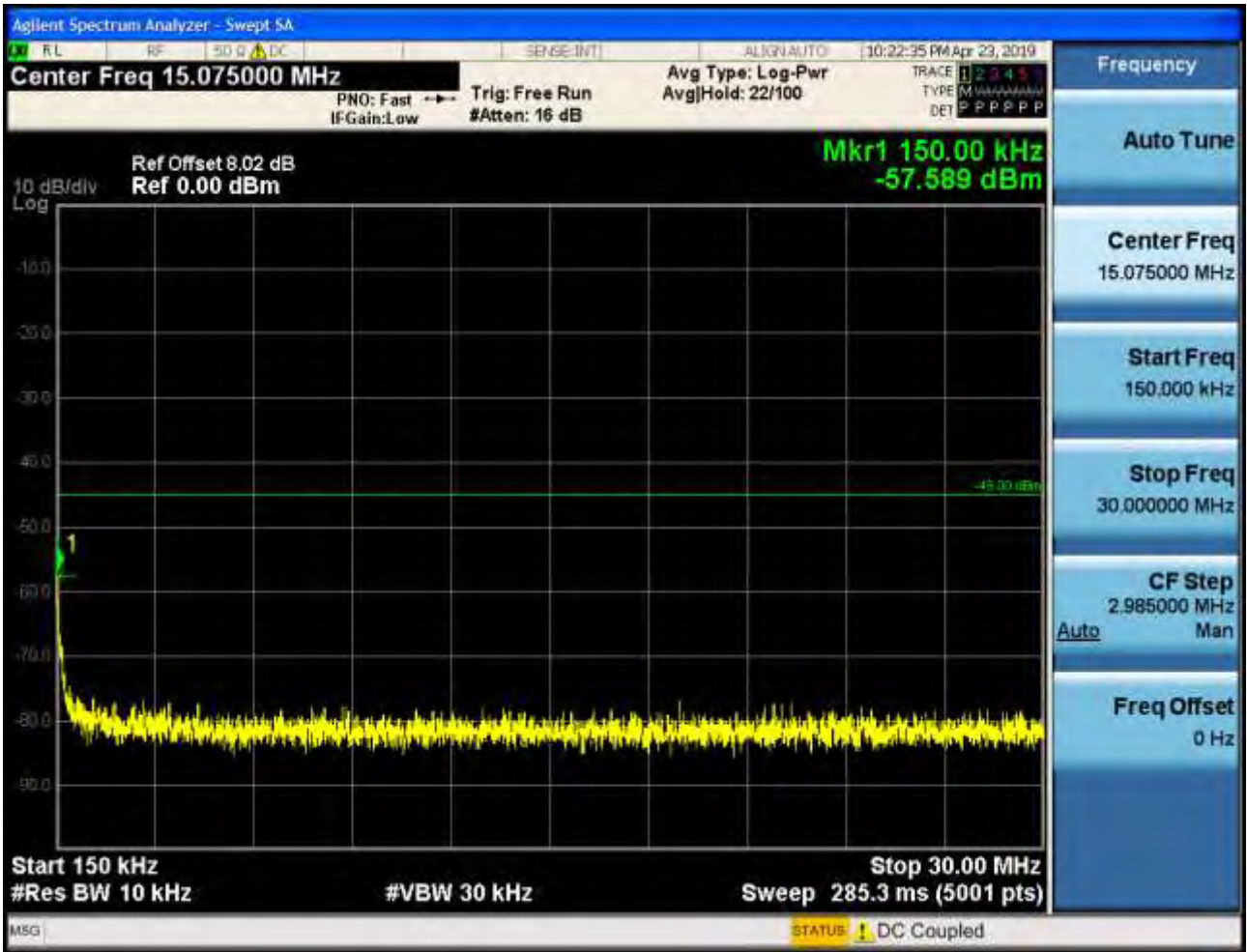




6.2.1.1.3.3 Test Channel = HCH

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

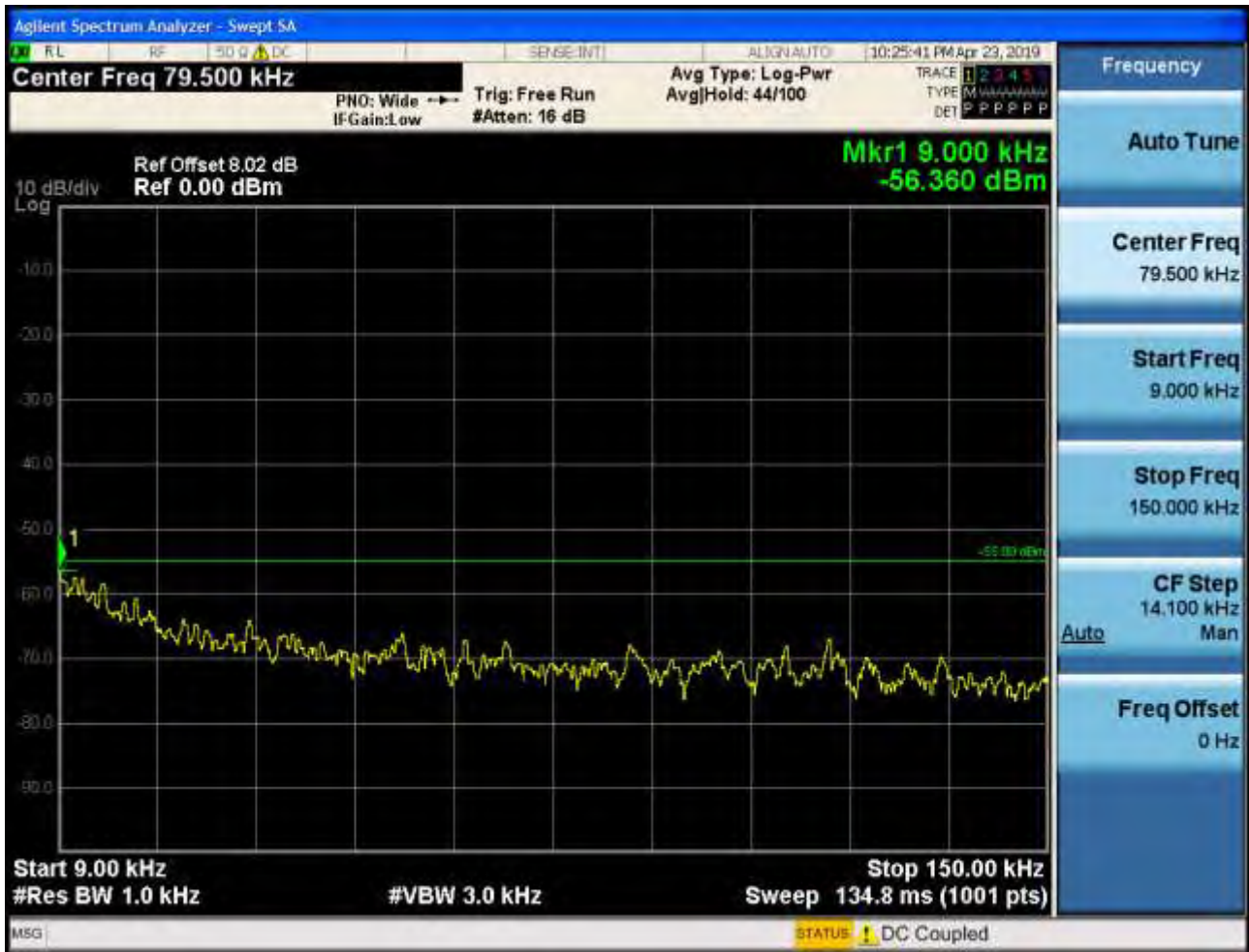
6.2.1.1.4.2.1 Test RB = RB1#0

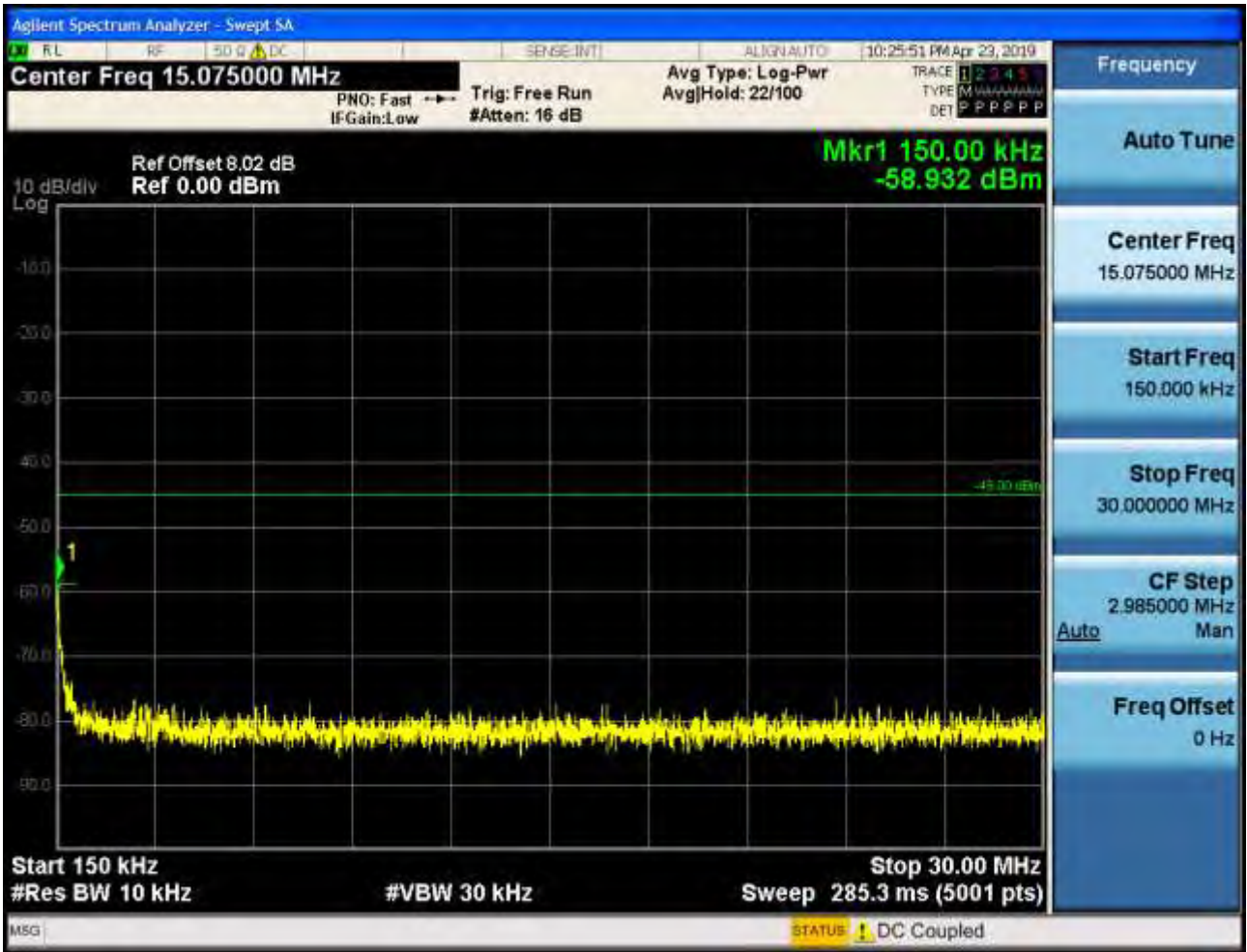




6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0









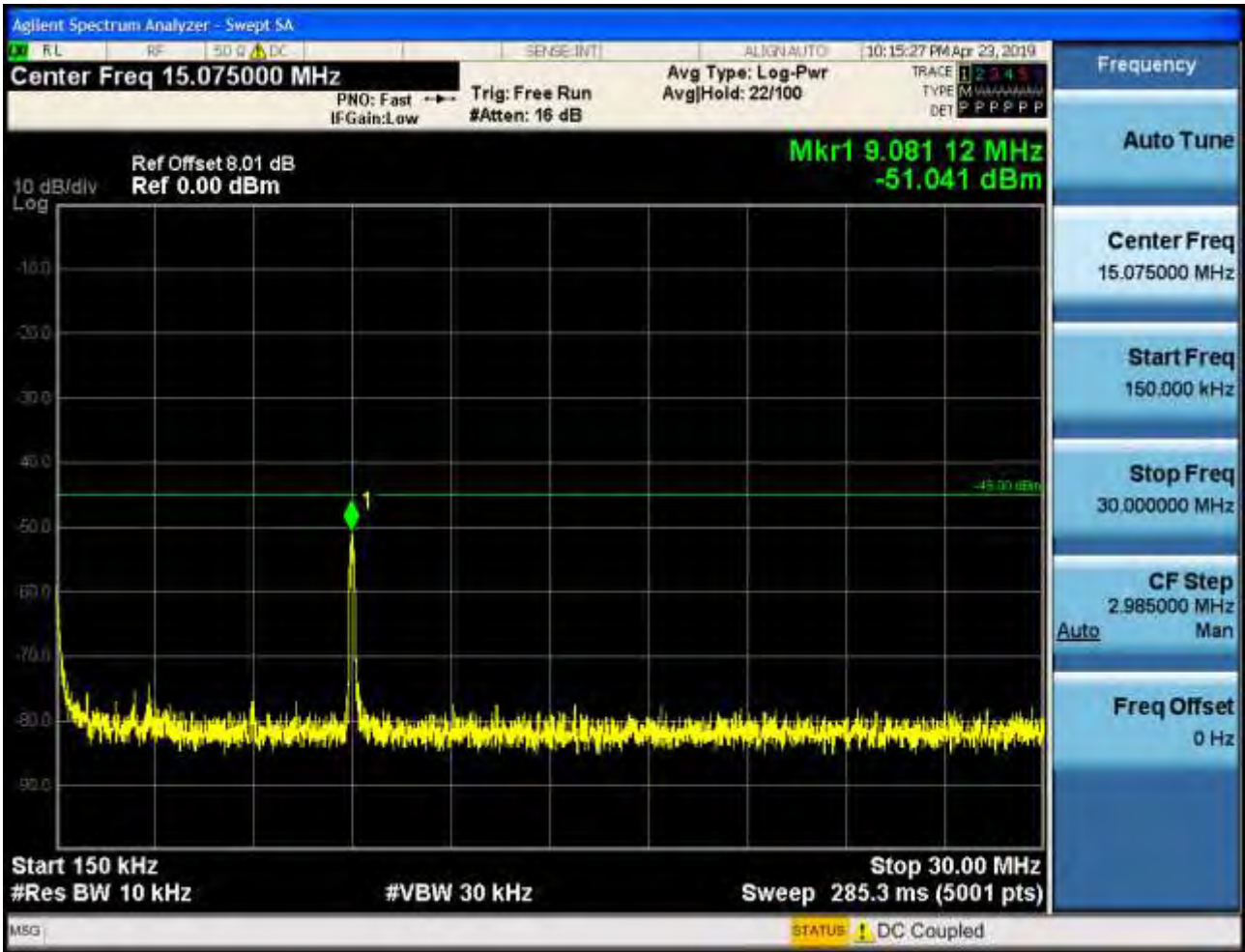
6.2.1.2 Test Mode = LTE/TM2

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





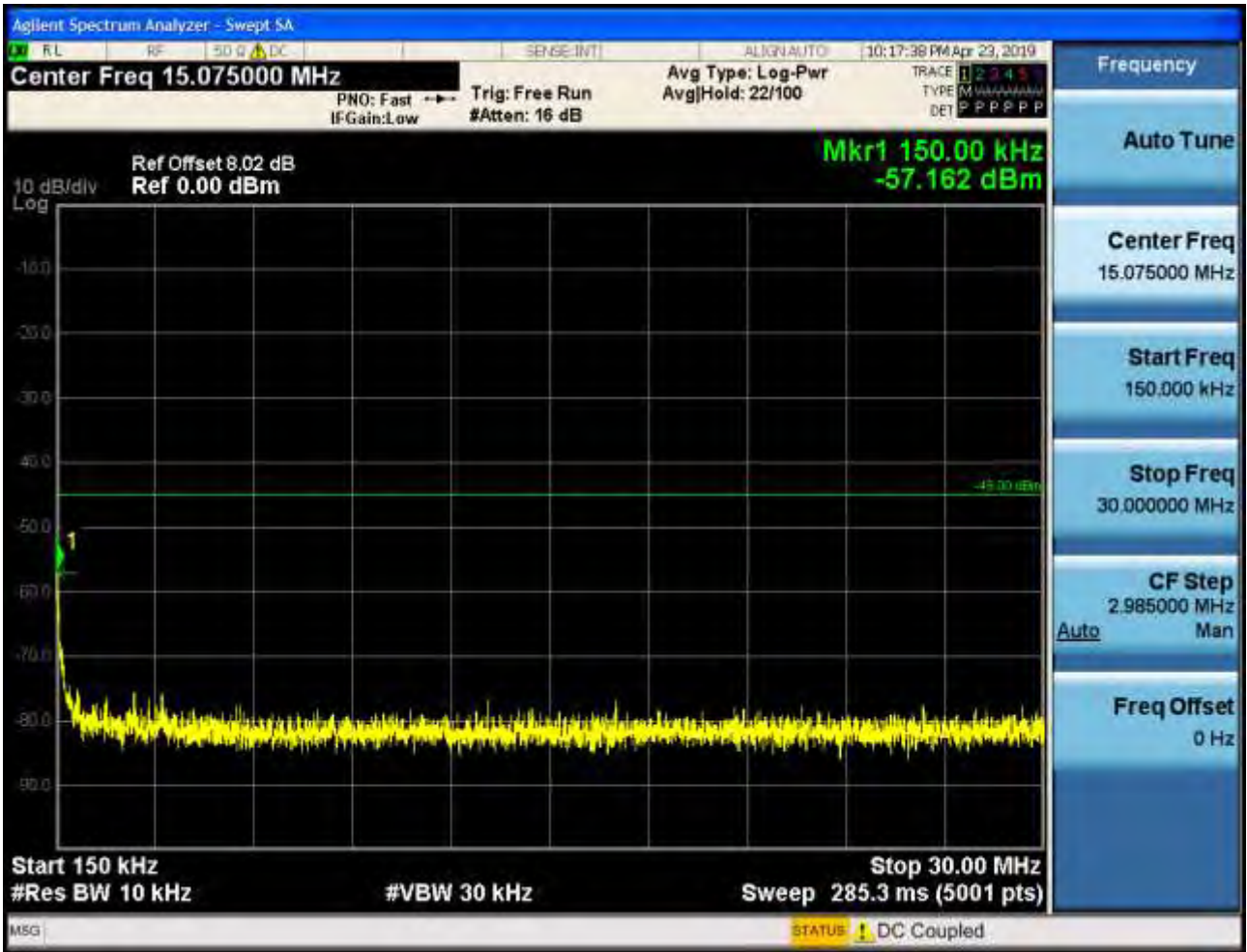




6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0



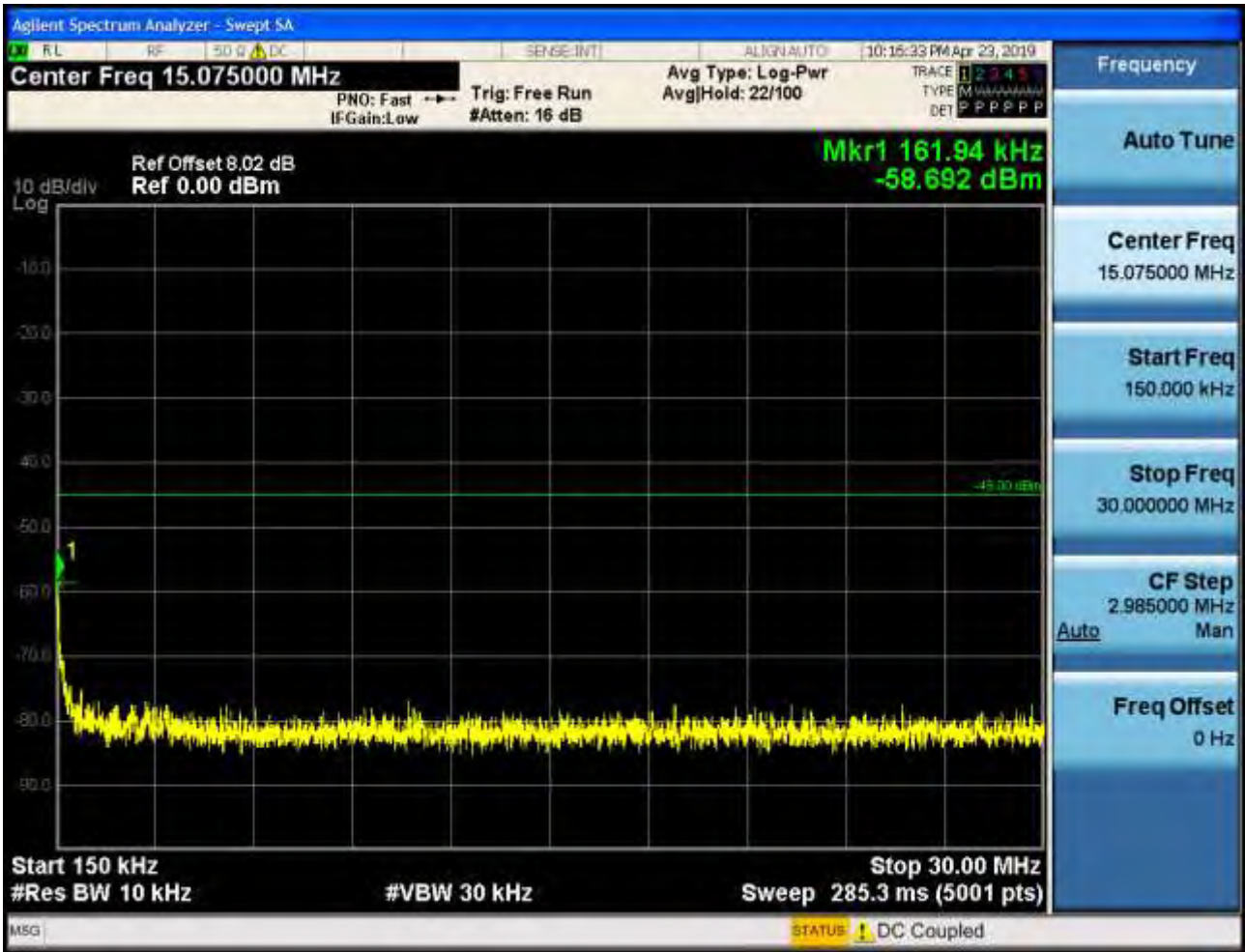




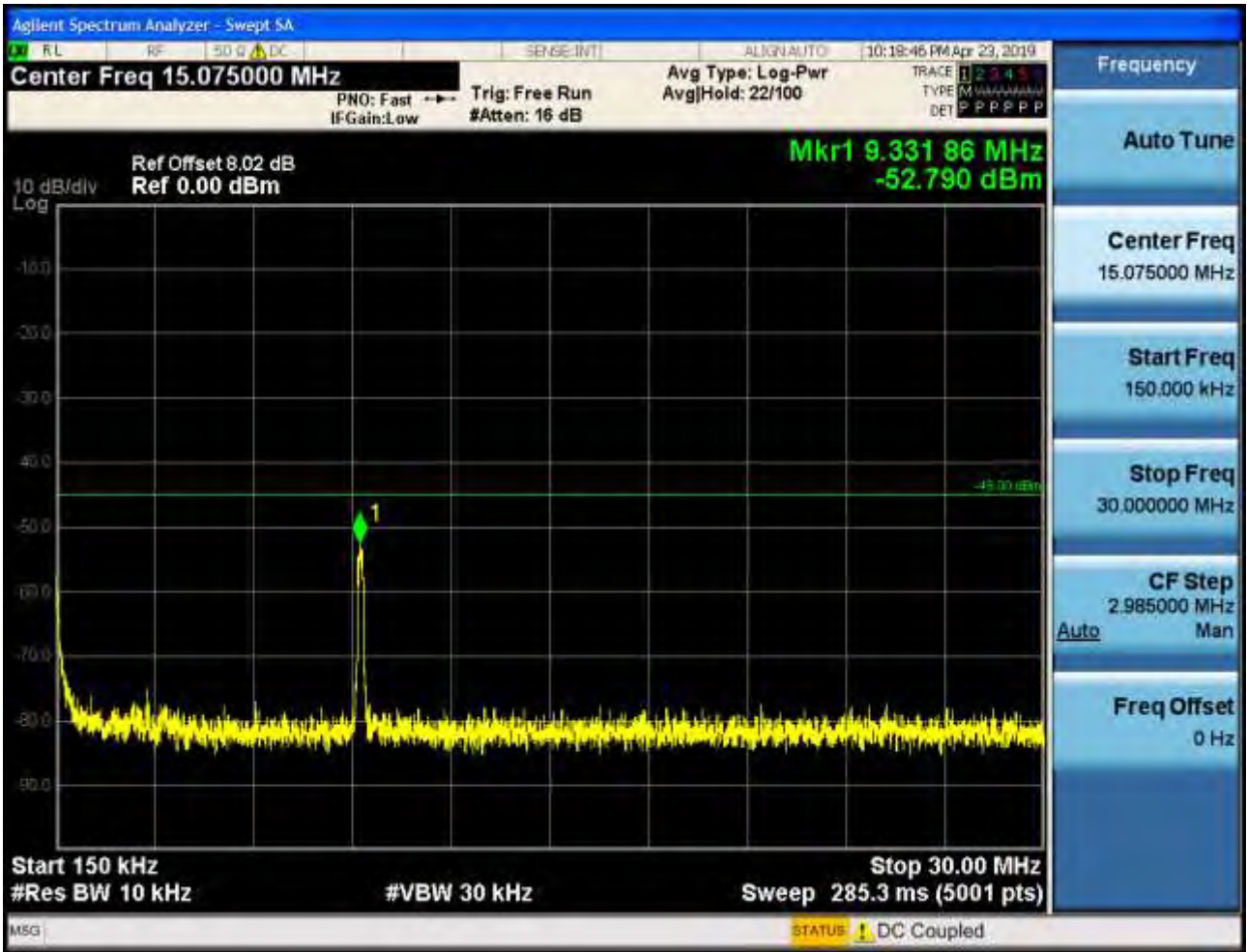
6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0













6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.2.1 Test RB = RB1#0





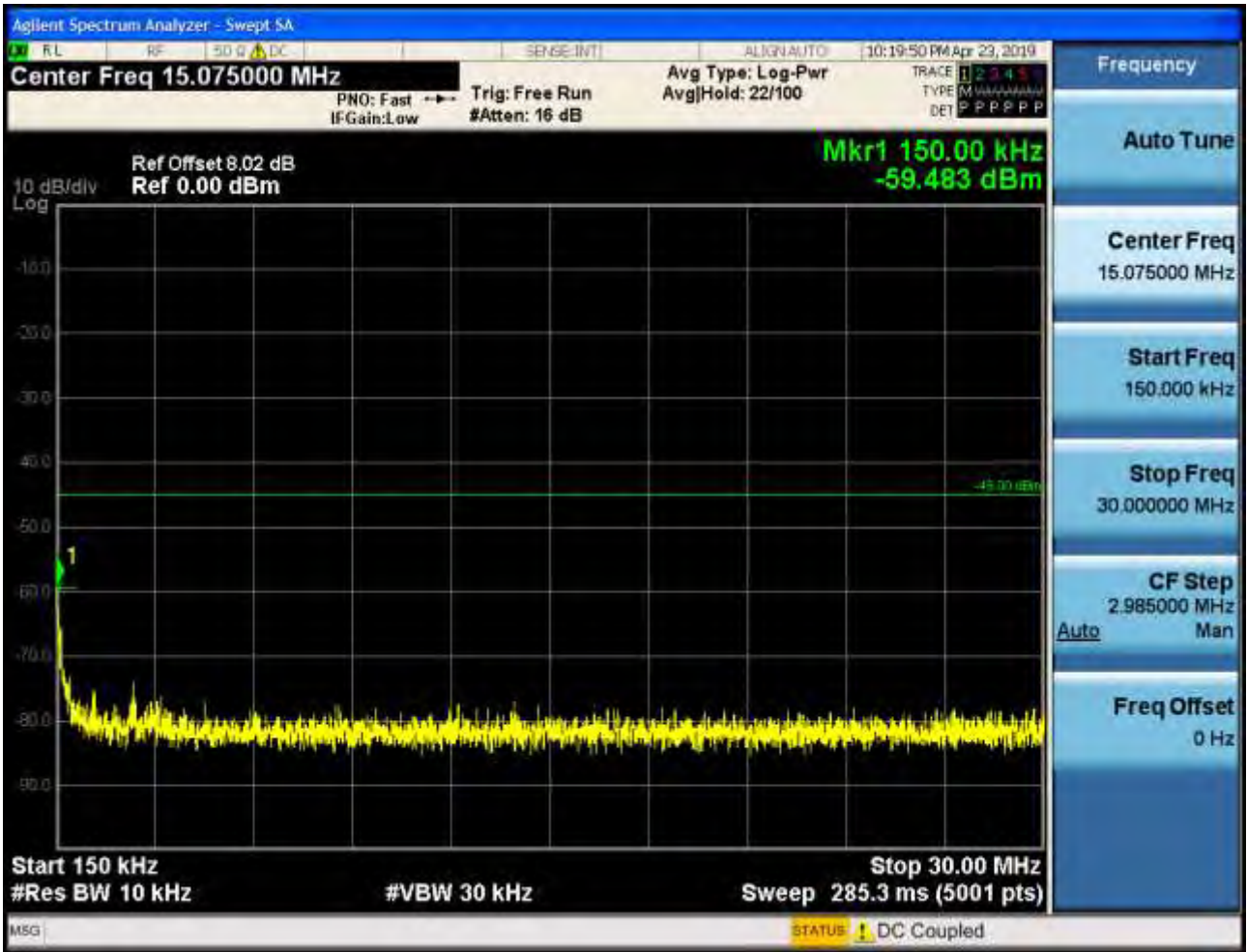




6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0



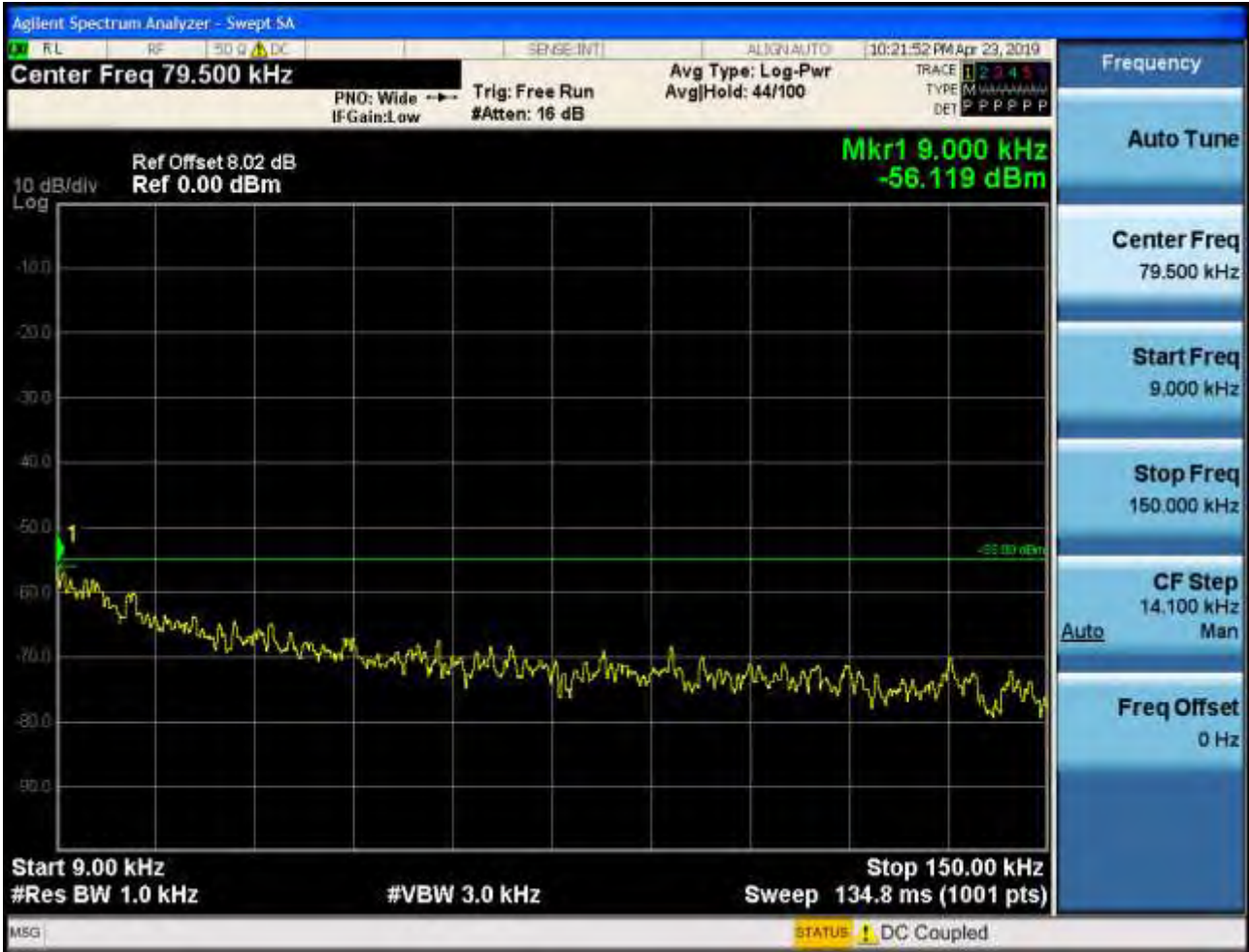


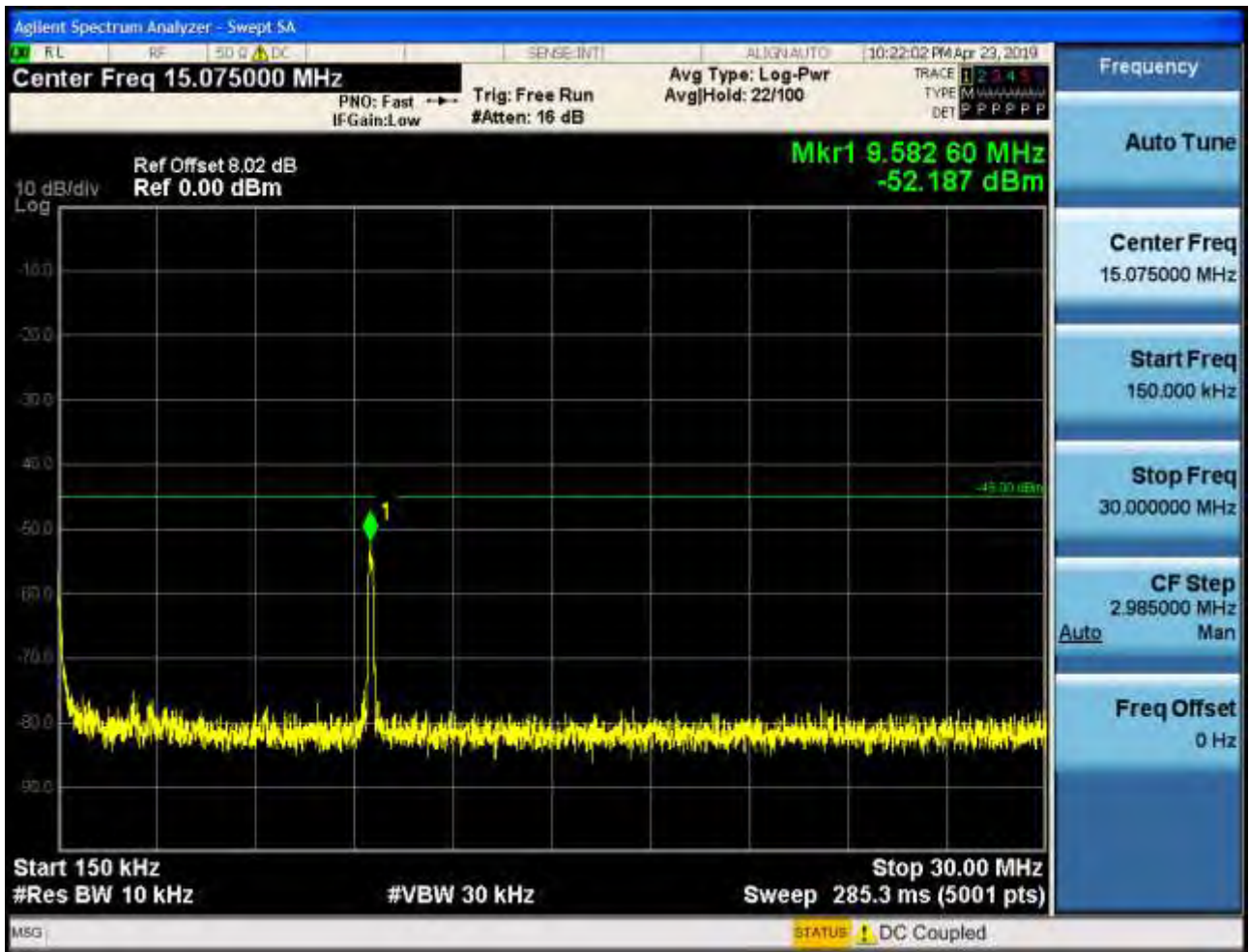


6.2.1.2.3 Test Bandwidth = 15

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0





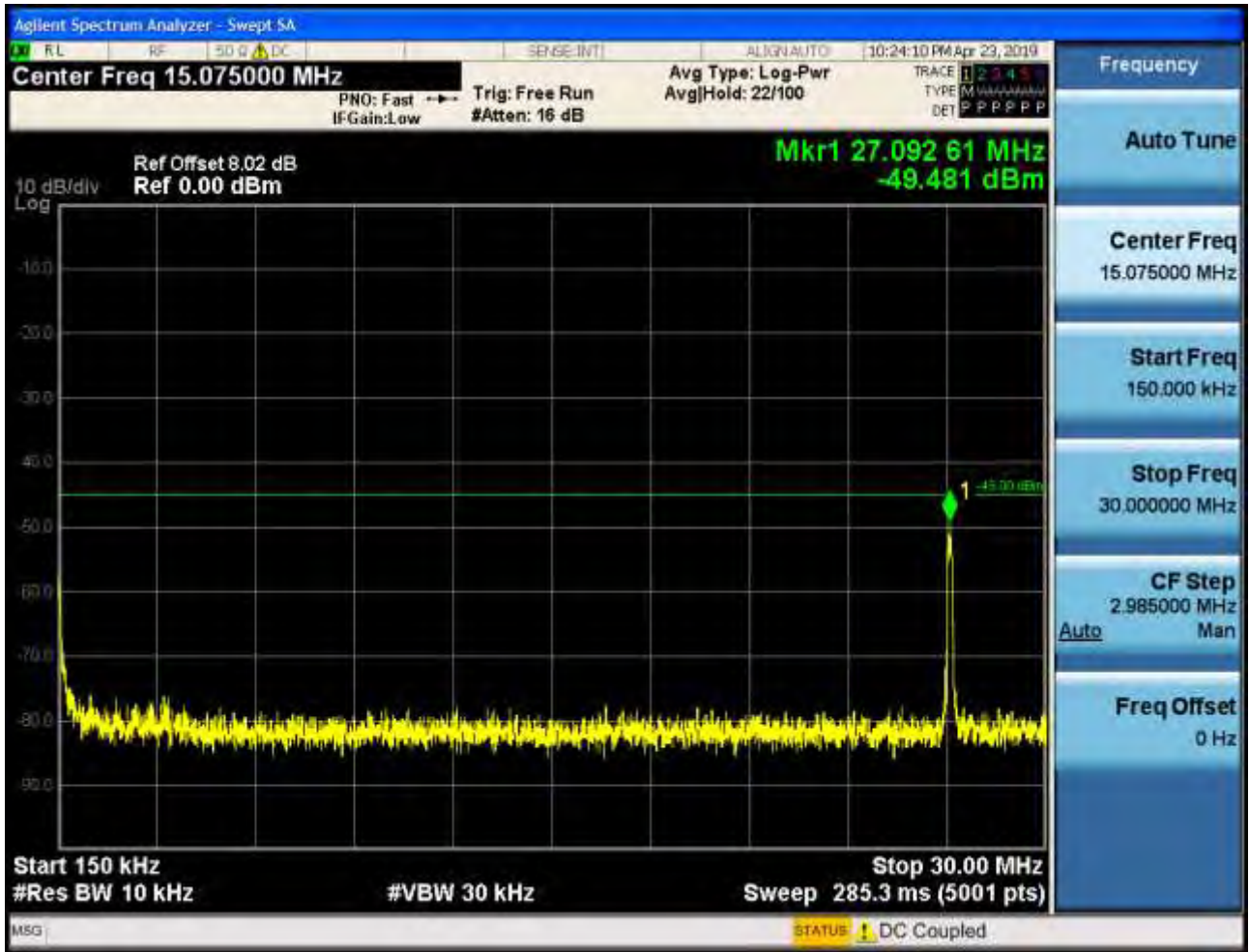




6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0

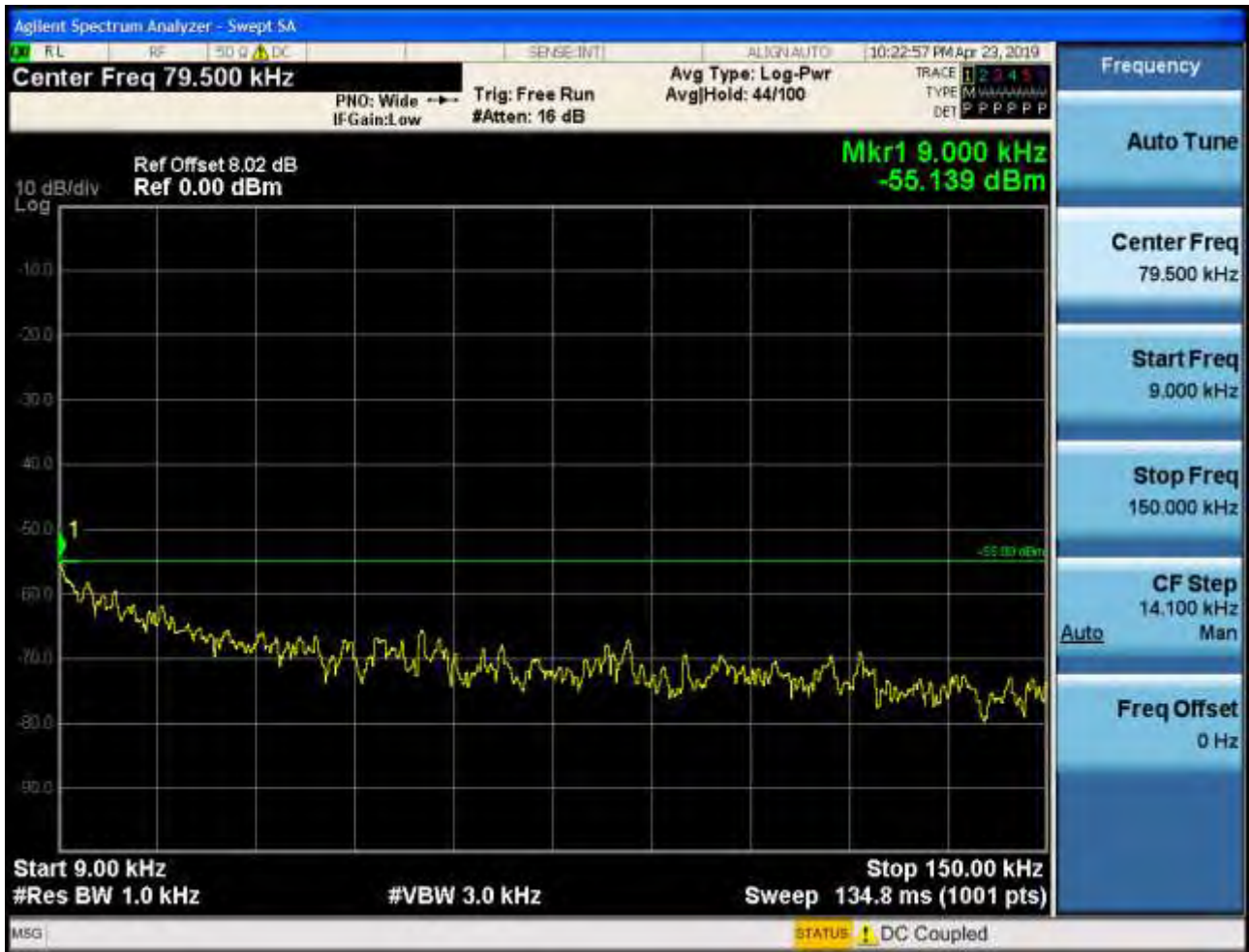


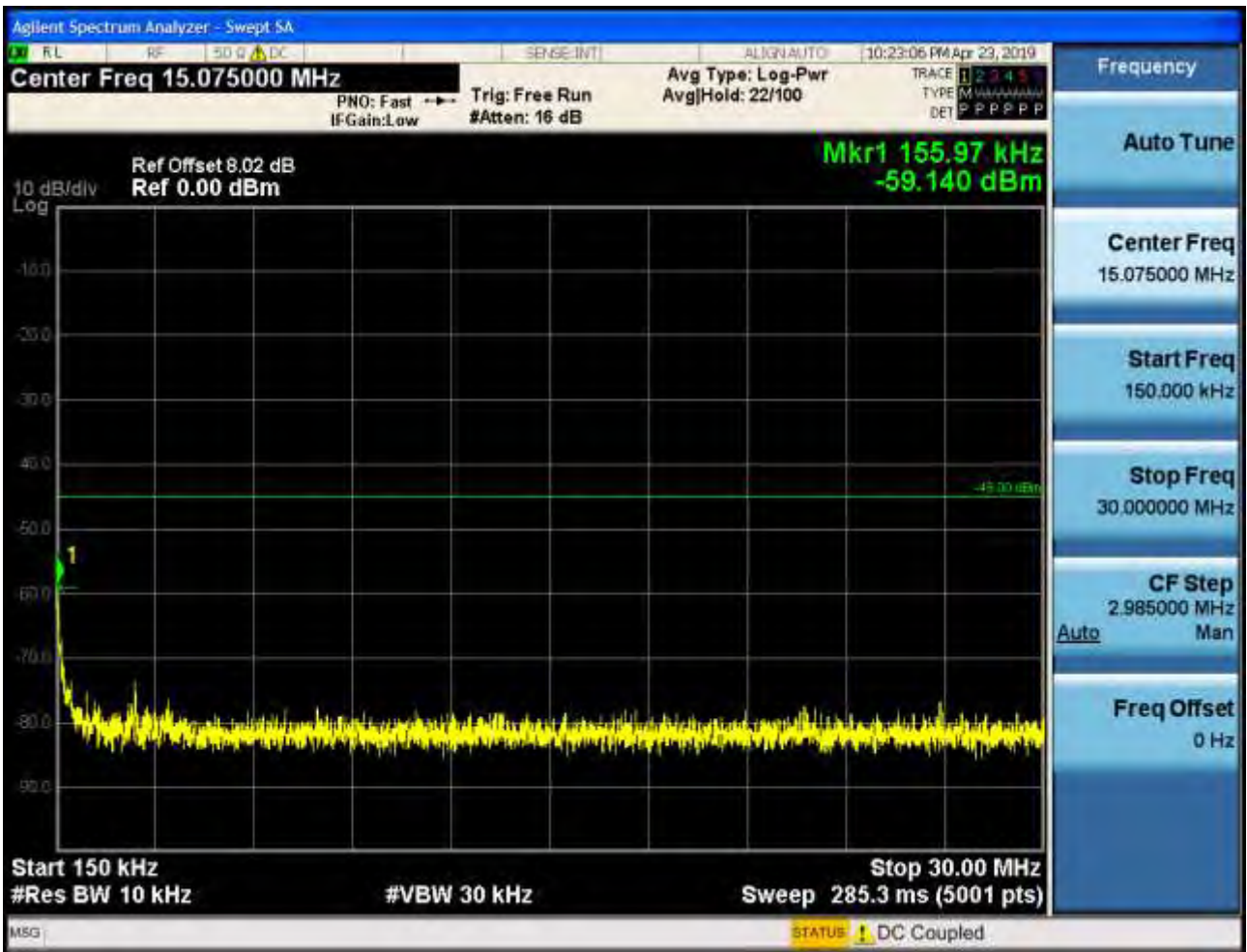




6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0





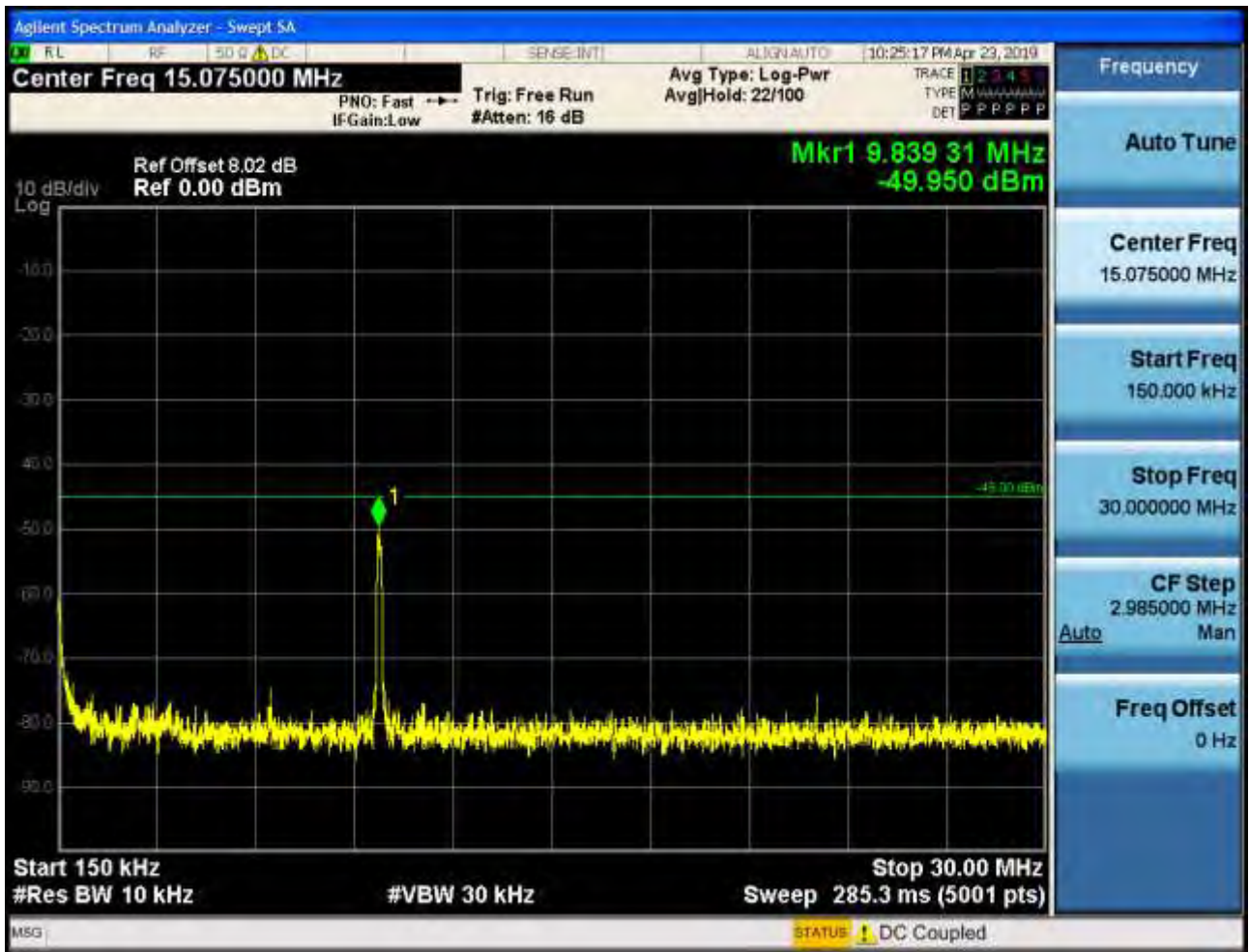


6.2.1.2.4 Test Bandwidth = 20

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0





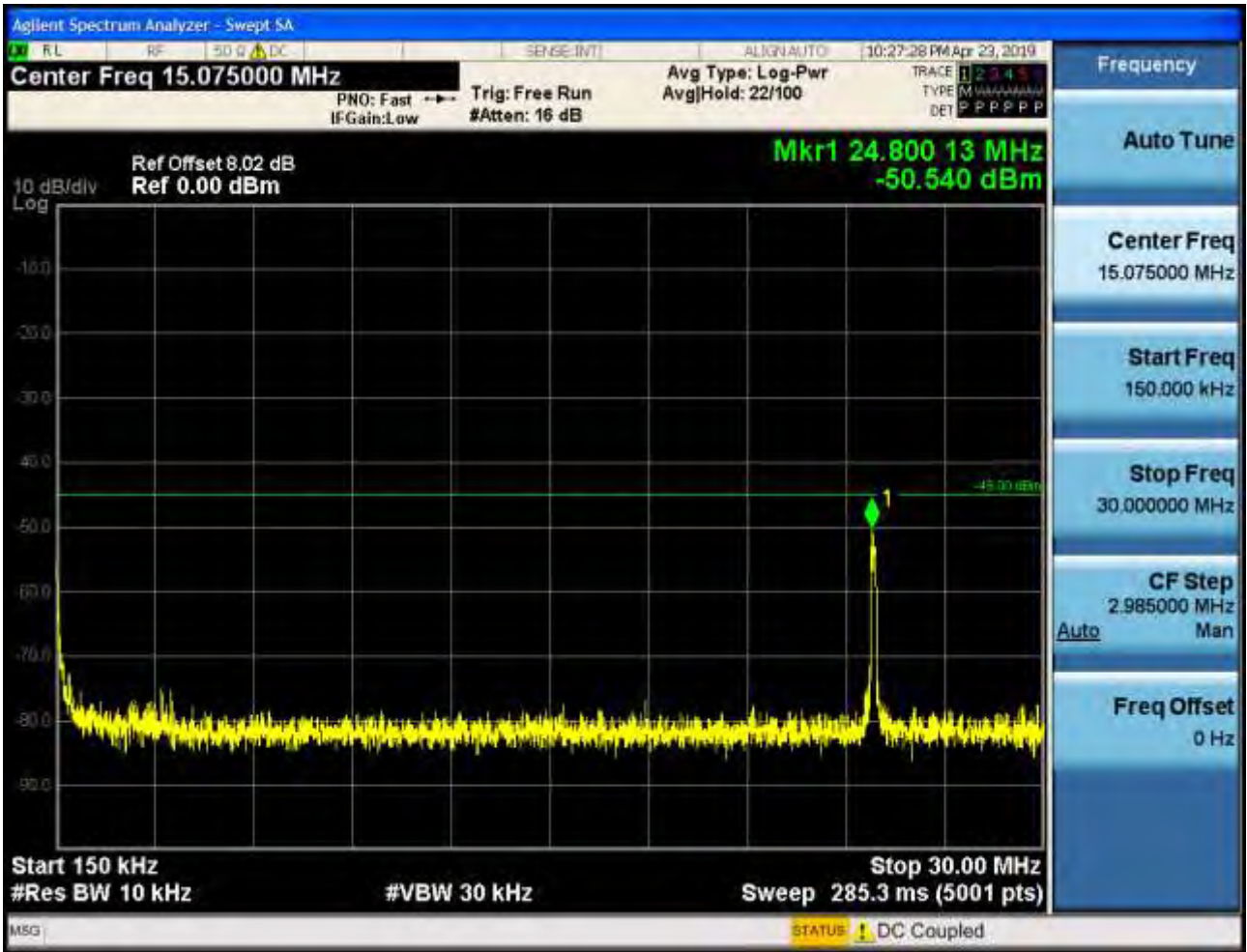




6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0



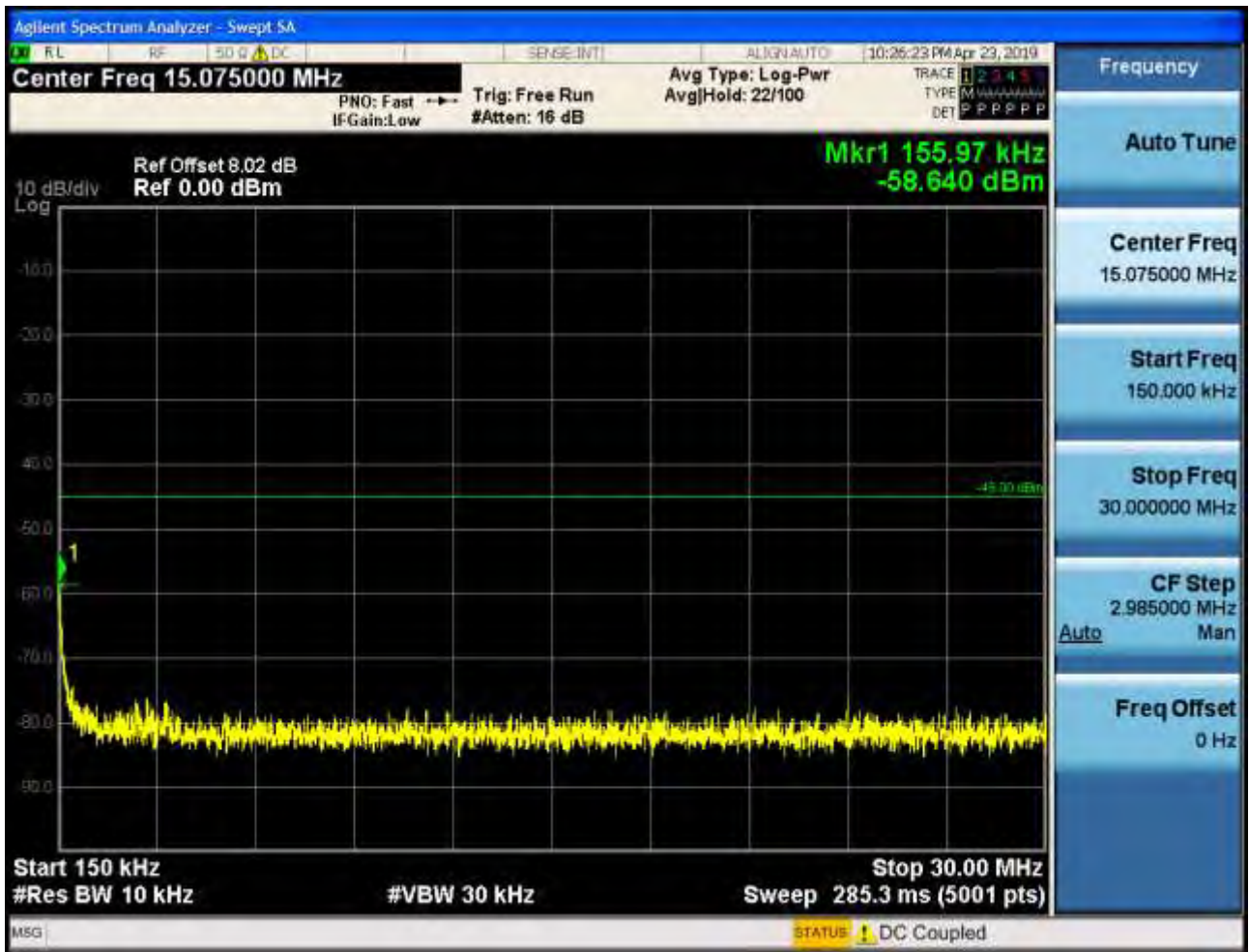




6.2.1.2.4.3 Test Channel = HCH

6.2.1.2.4.3.1 Test RB = RB1#0









7Appendix_G: Field Strength of Spurious Radiation

Note:

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

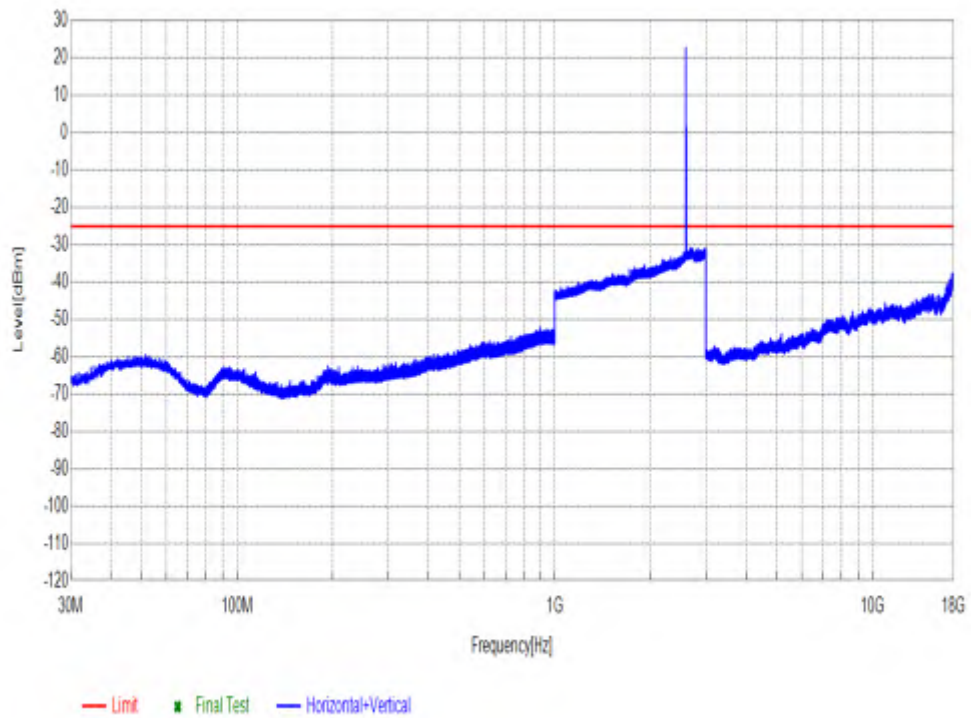
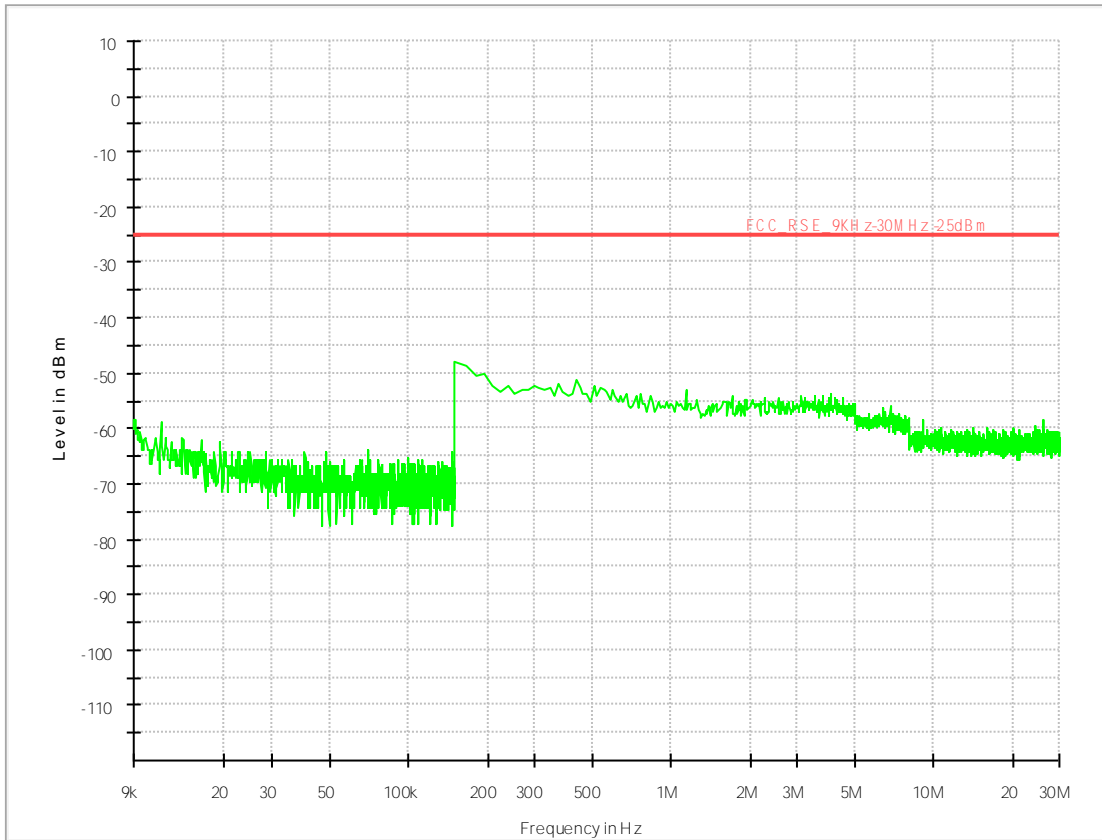
Part I - Test Plots

7.1 For LTE

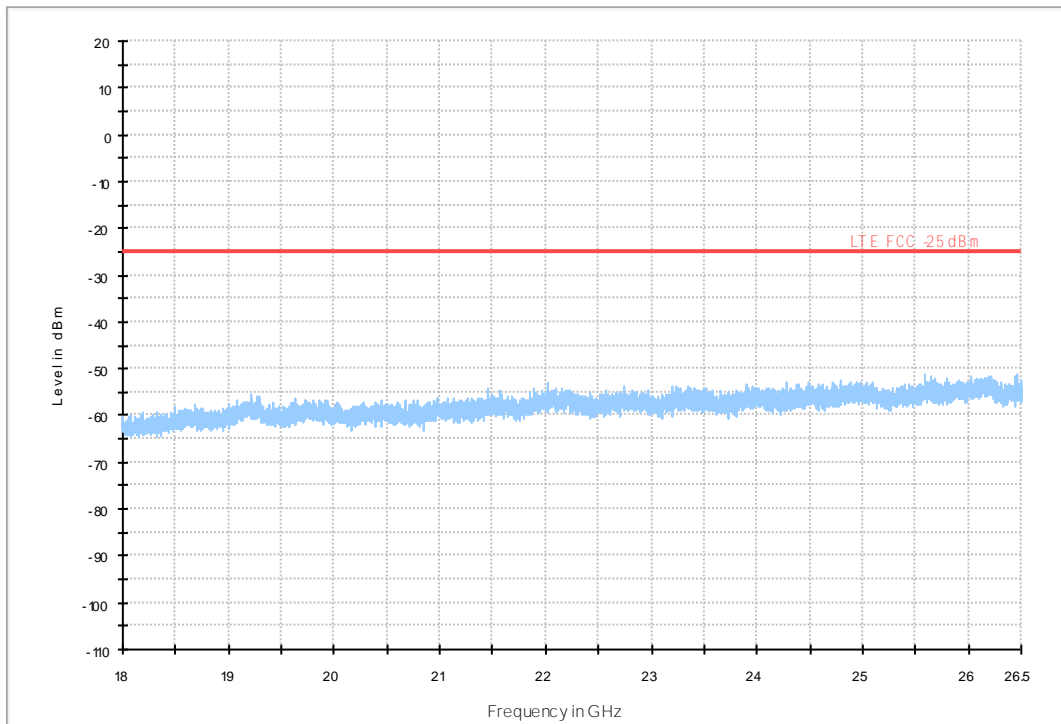
7.1.1 Test Band = Band38

7.1.1.1 Test Bandwidth = 5

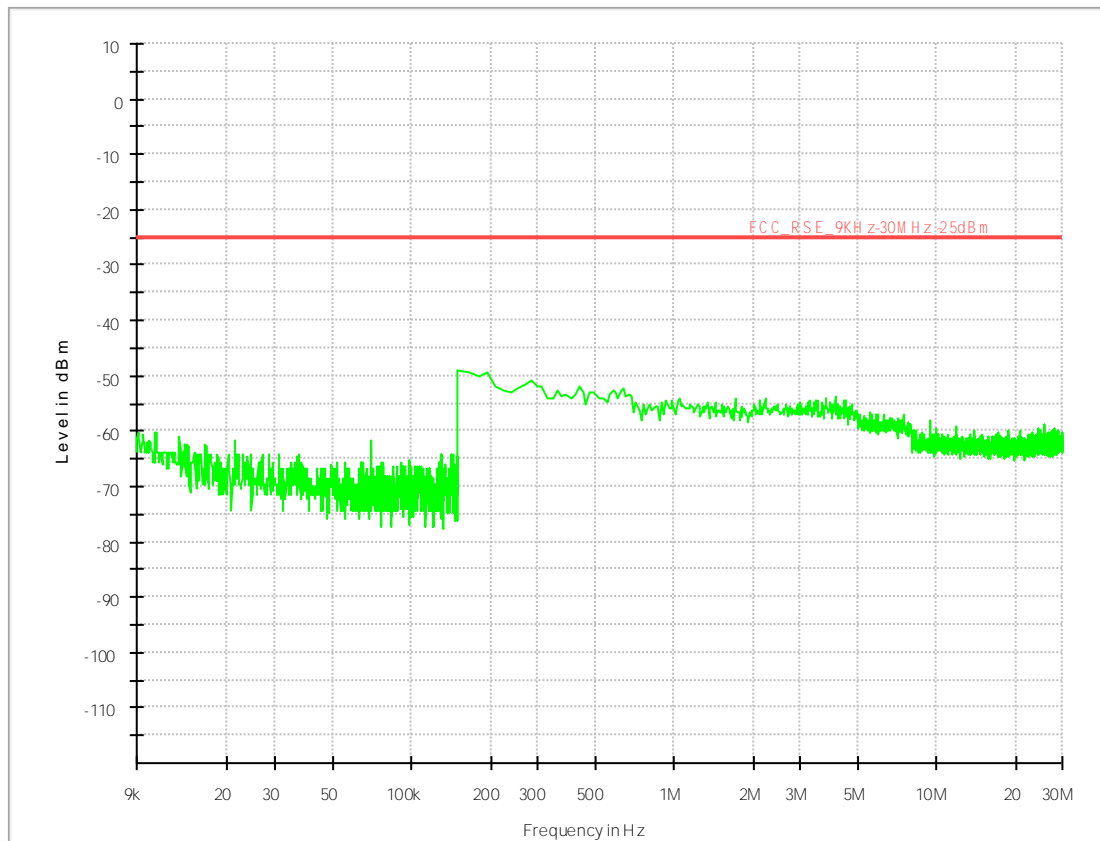
Band38/TM1_Ant1

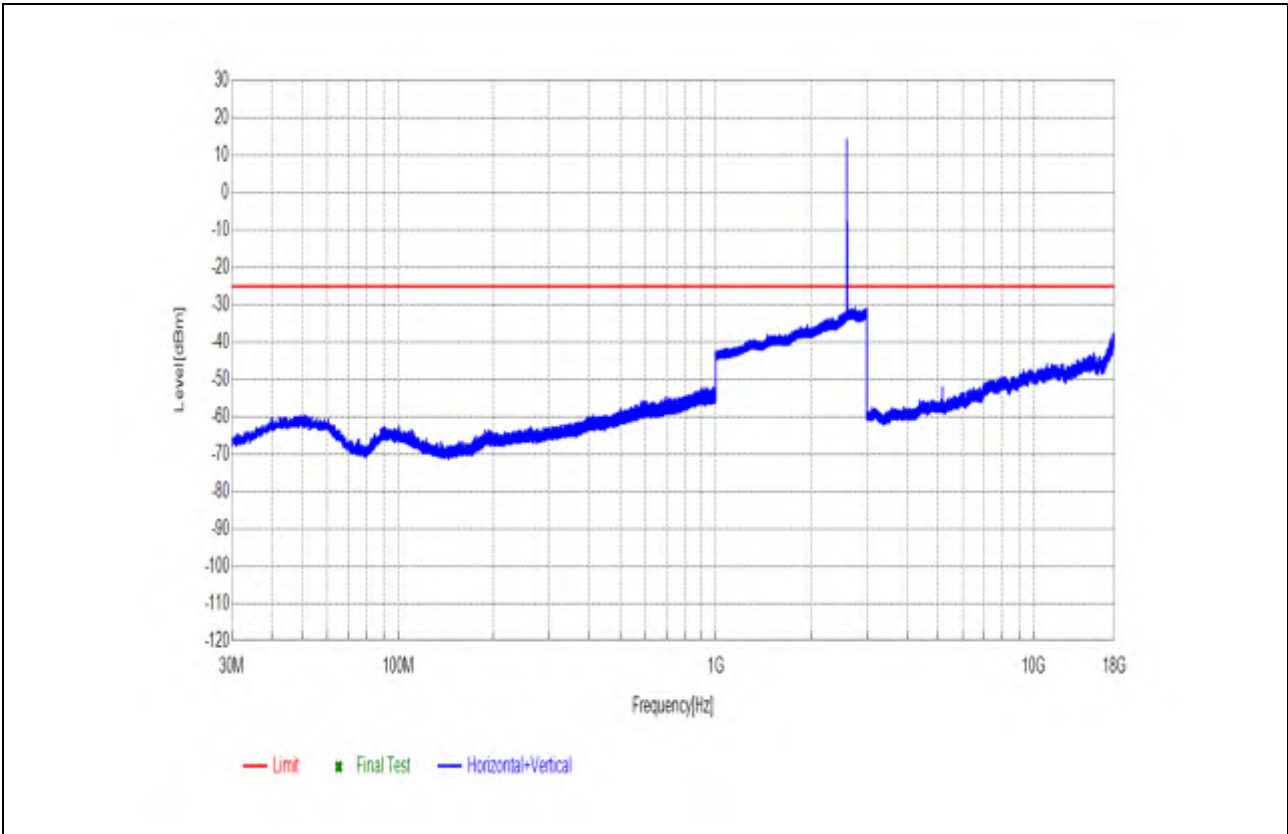


Copy of FCC18-265G

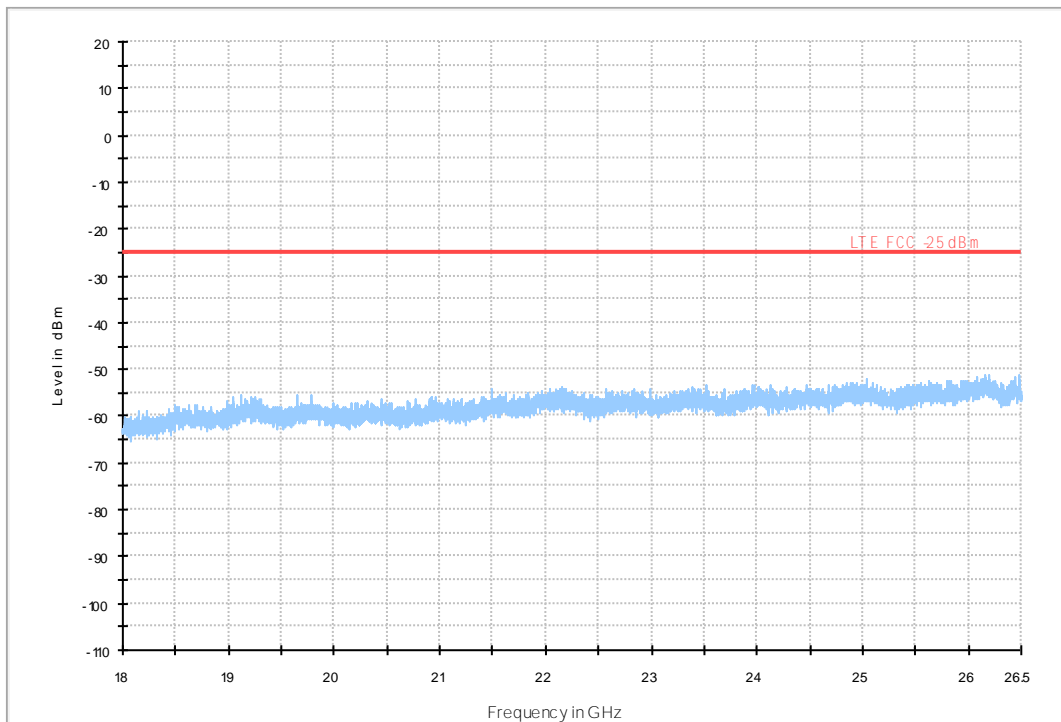


Band38/TM1_Ant2

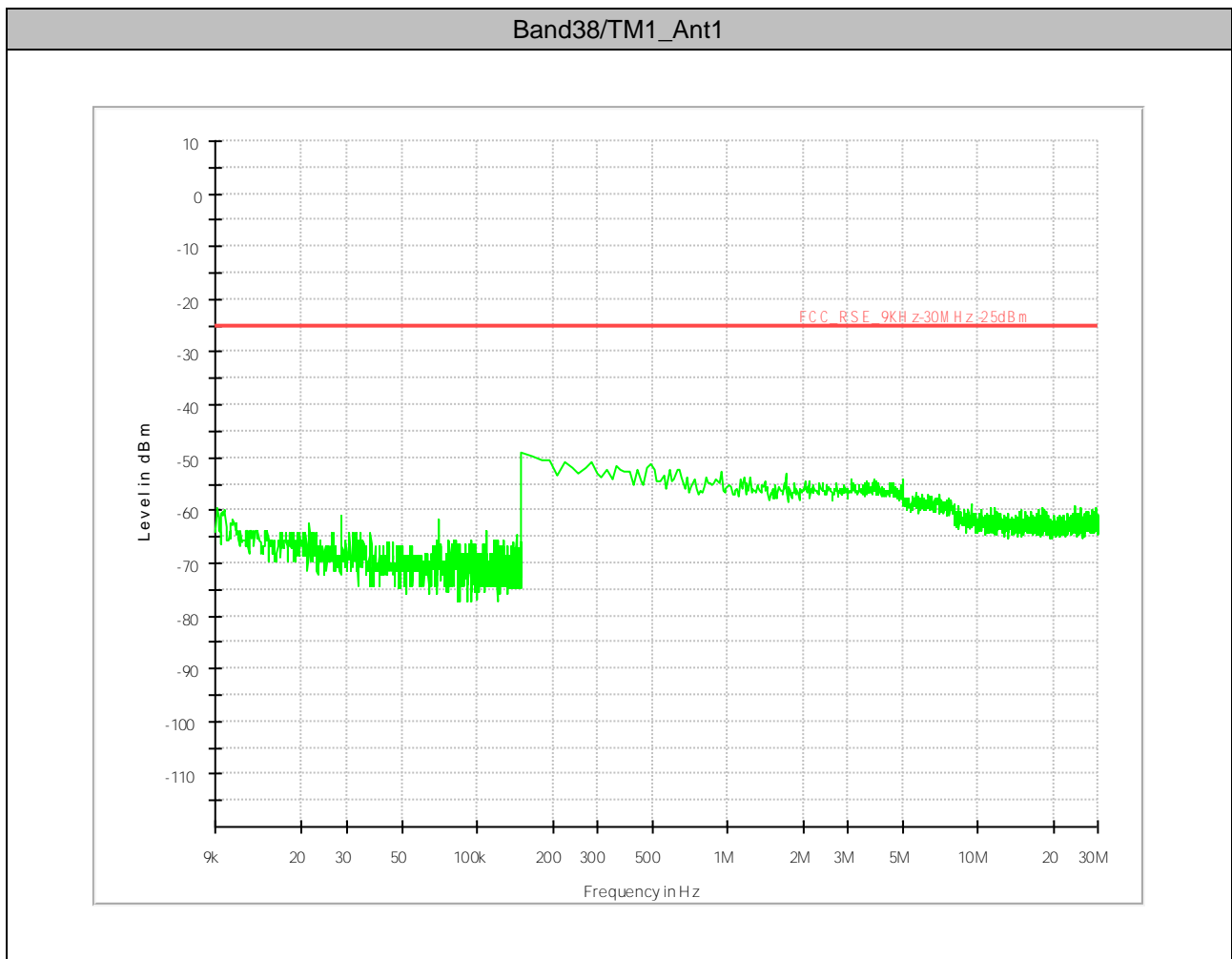


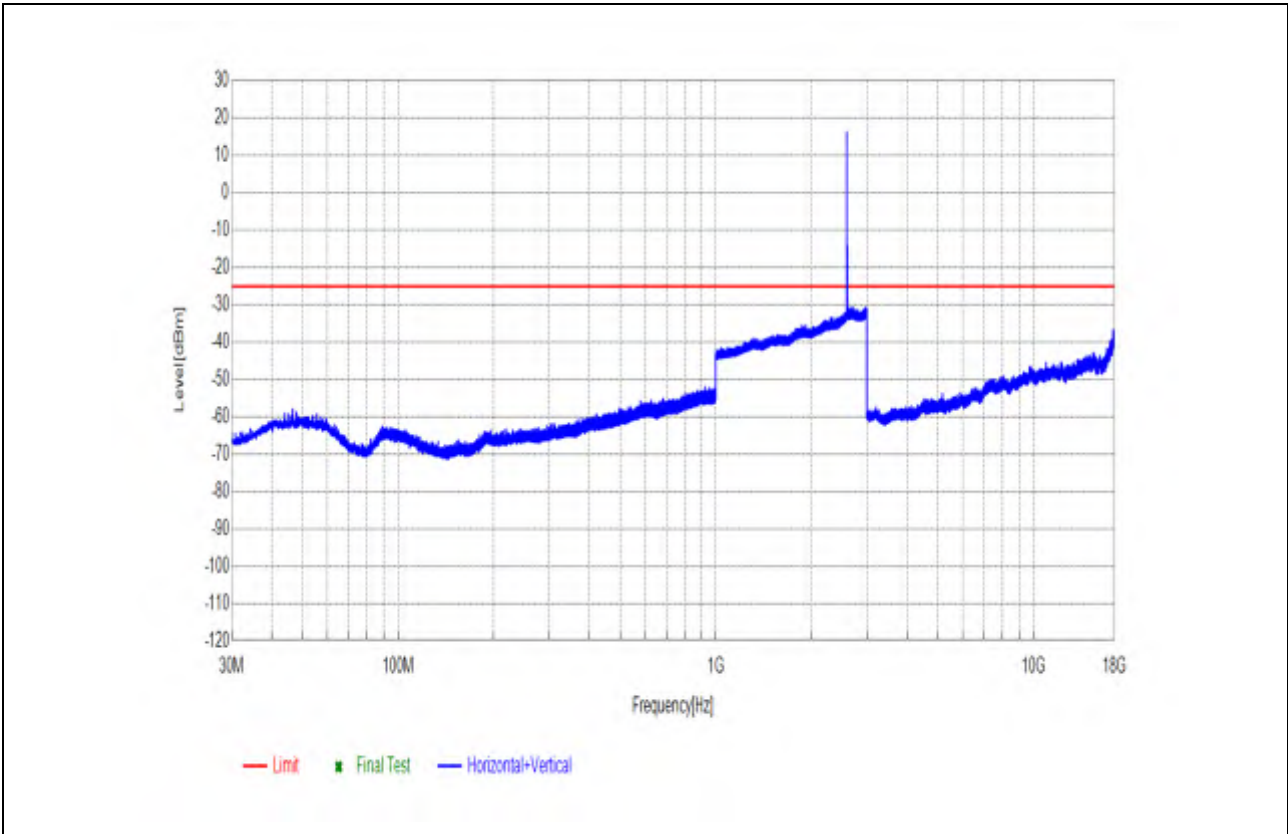


Copy of FCC 18-26.5G

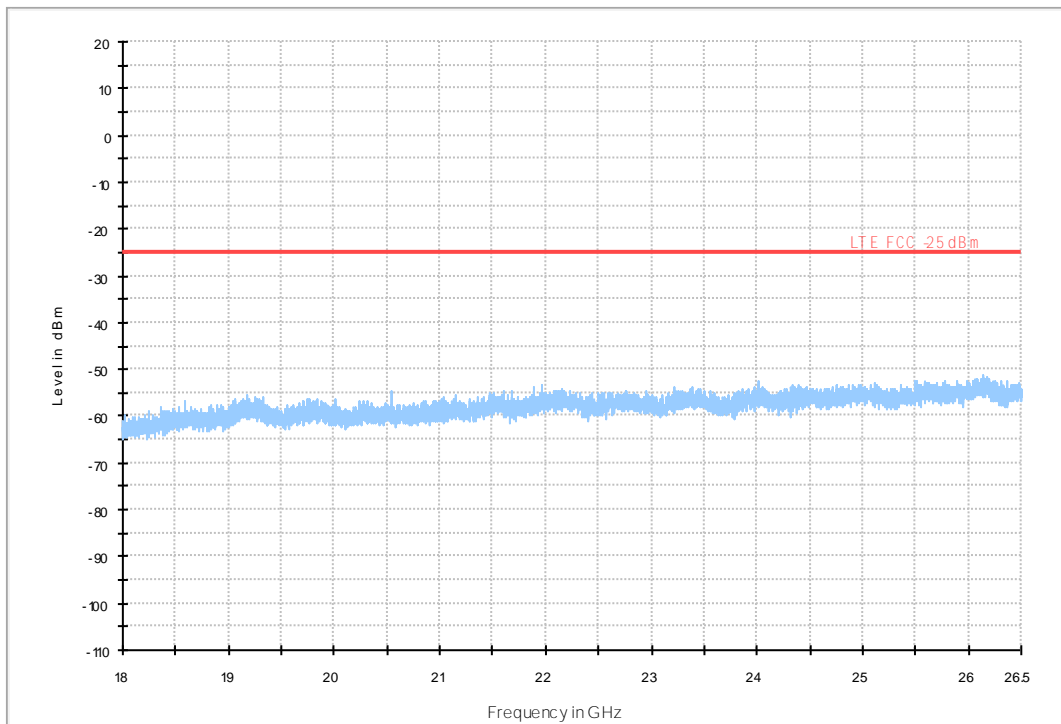


7.1.1.2 Test Bandwidth = 20

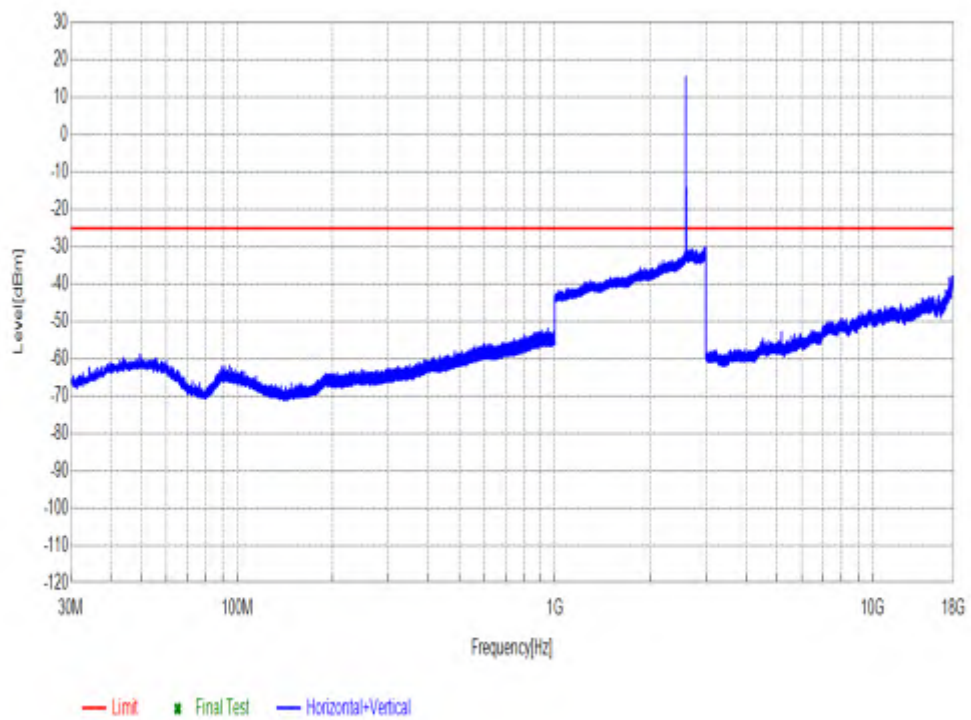
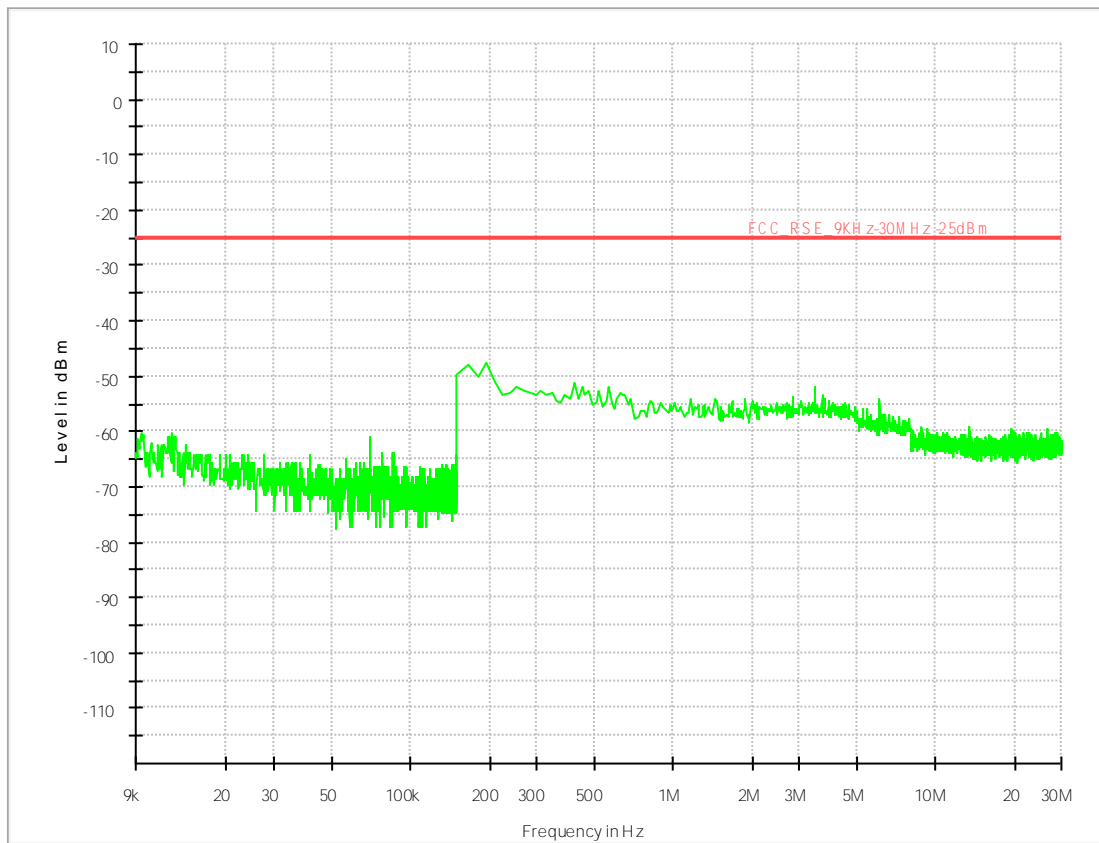


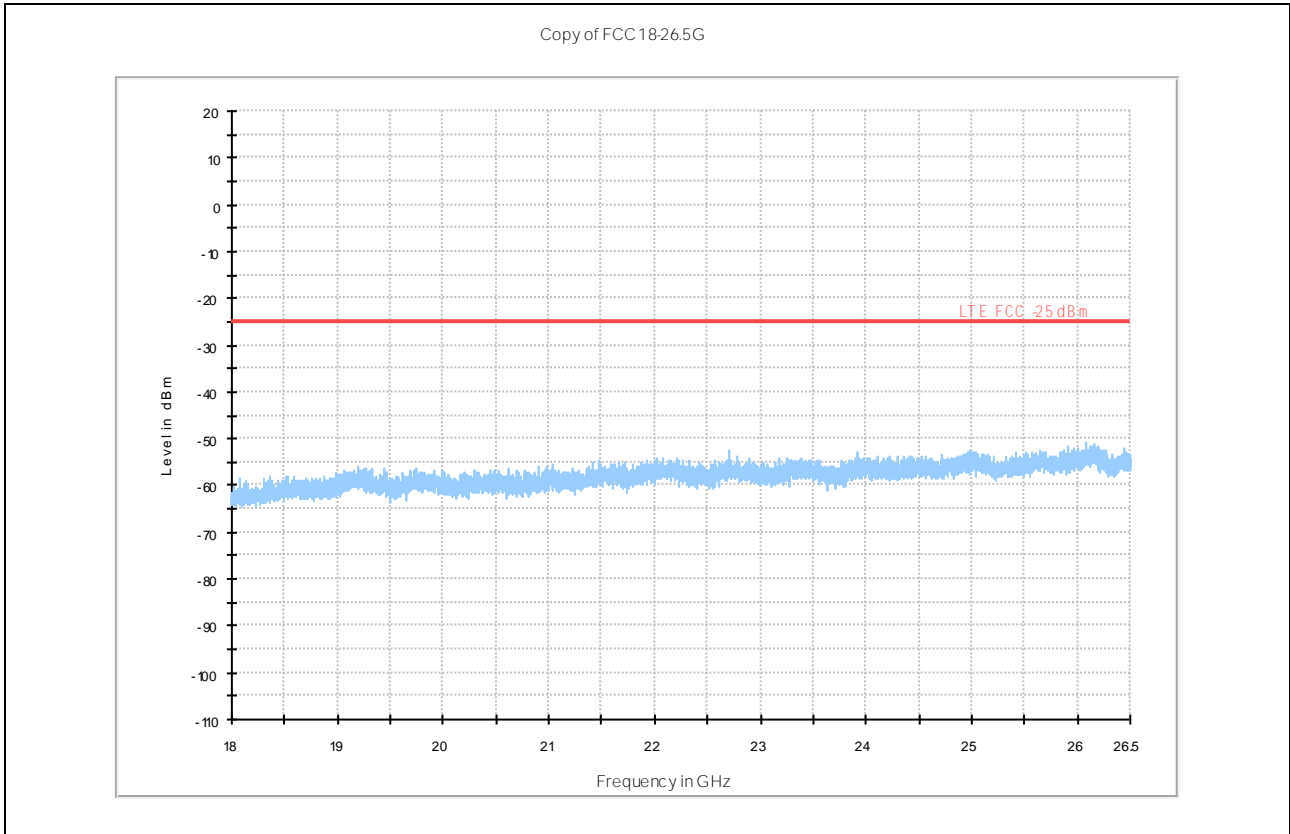


Copy of FCC 18-26.5G



Band38/TM1_Ant2



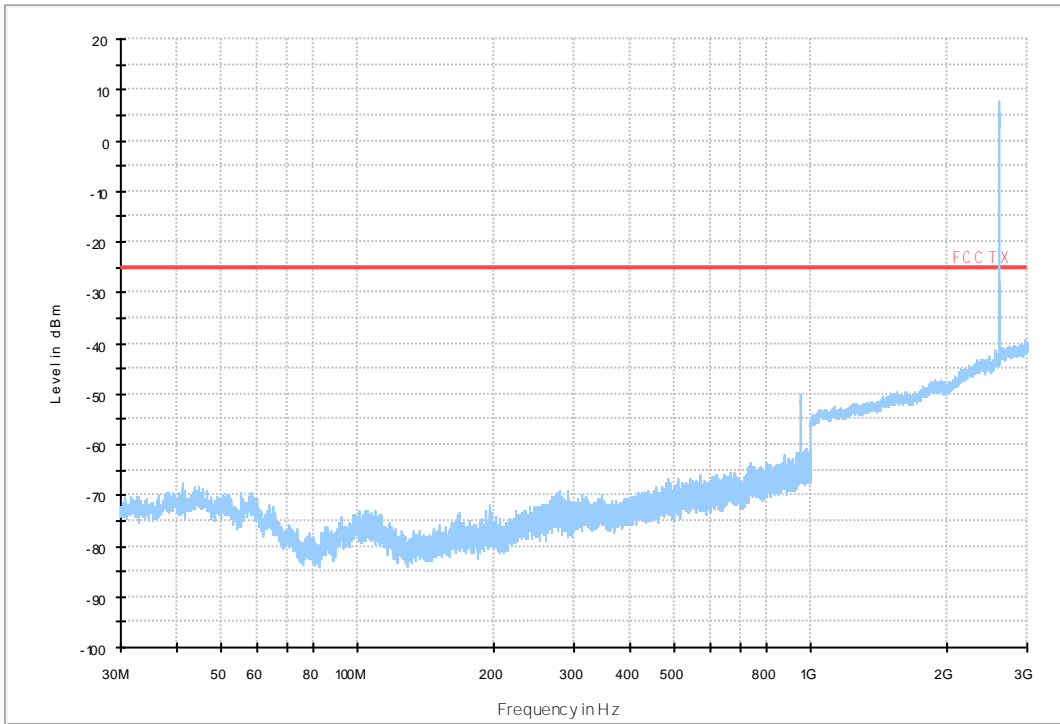


7.1.2 Test Band = Band38 (Wireless charging protective case)

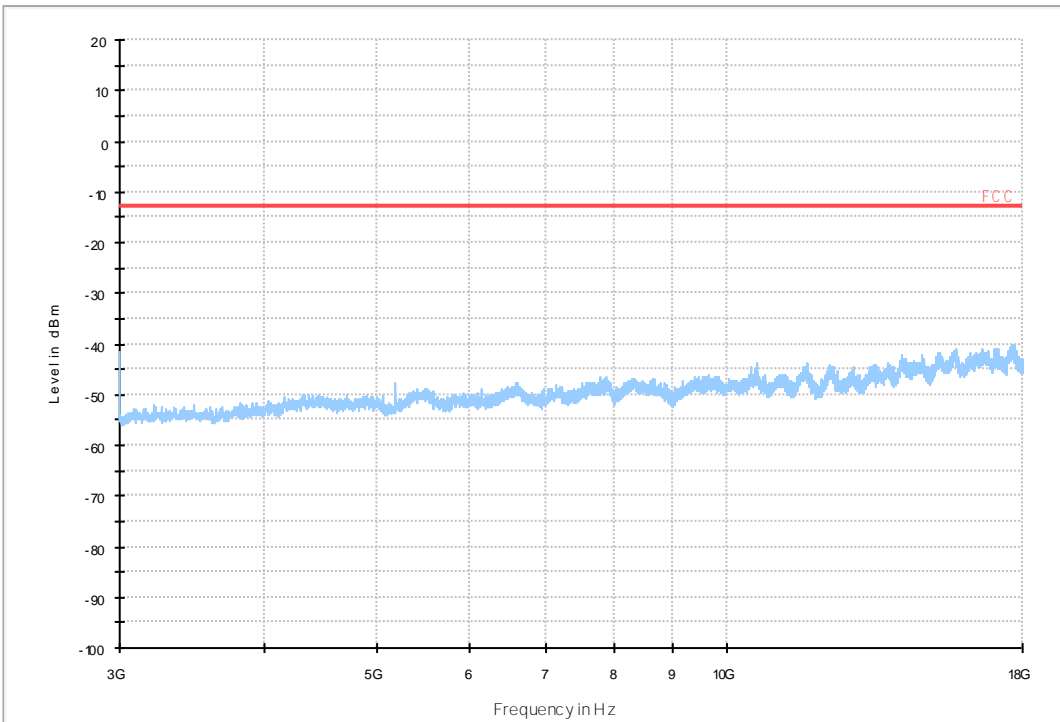
7.1.2.1 Test Bandwidth = 5

Band38/TM1_Ant1 (adaptor + Wireless Charging Case) worst case

LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 15G_L_-25dBm limit

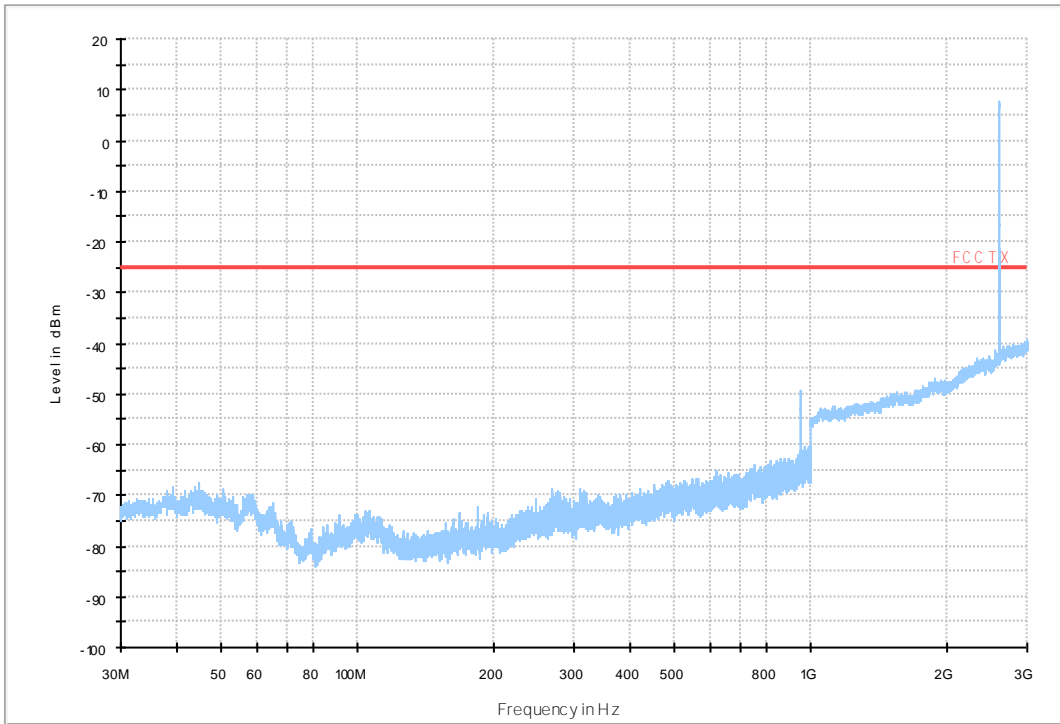


LTE TDD Band 33-band48 RSE-TX-DIRECTOR ABOVE 15G_H

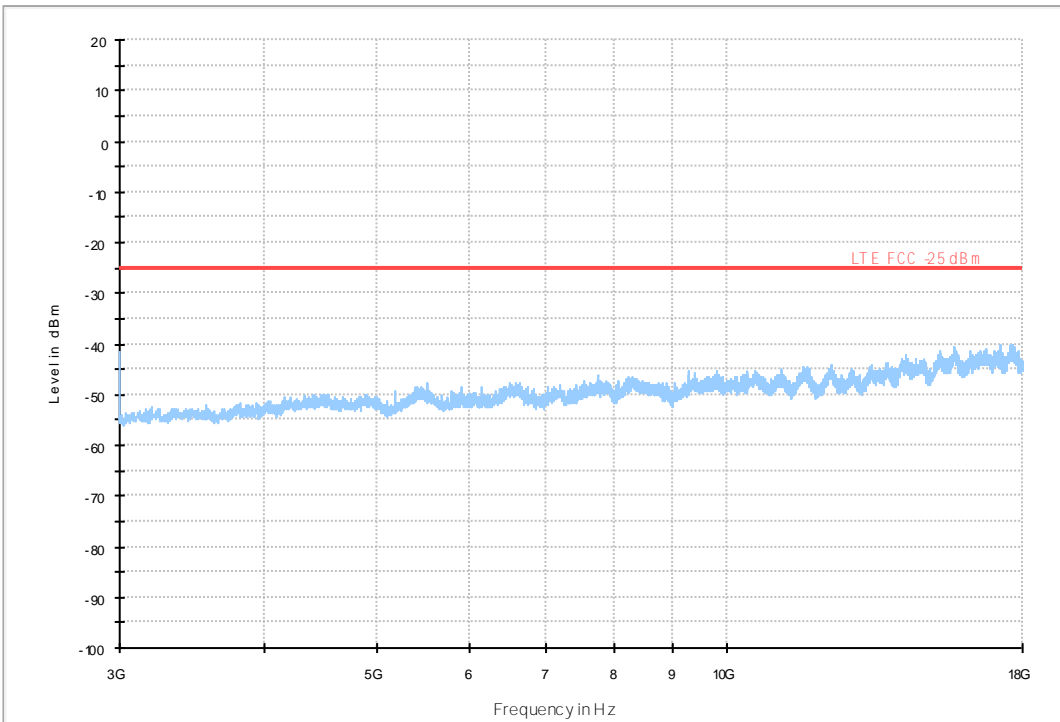


Band38/TM1_Ant2 (adaptor + Wireless Charging Case) worst case

LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 15G_L -25dBm limit

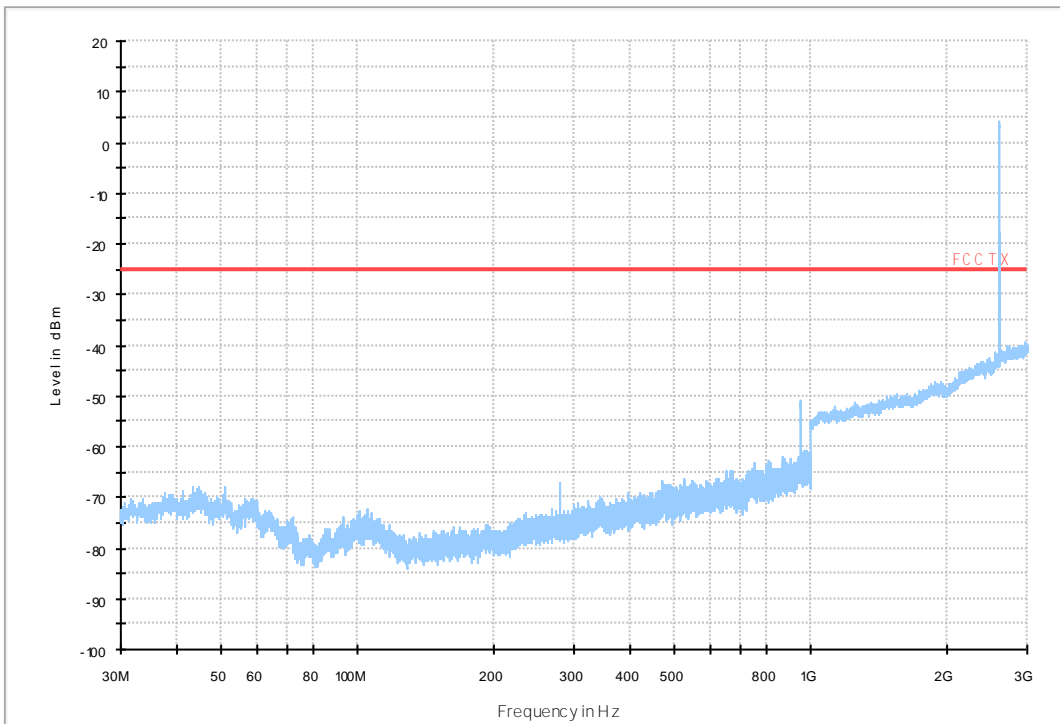


LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 15G_H -25dBm limit

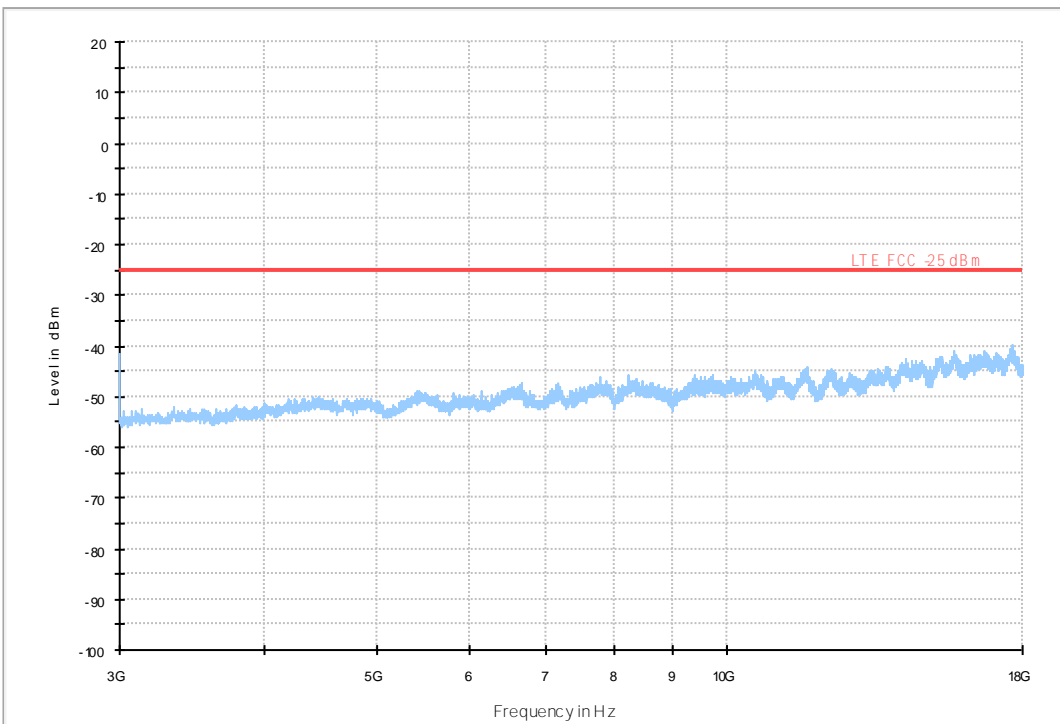


Band38/TM1_Ant1 (adaptor + Wireless charging charger+ Wireless Charging Case) worst case

LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 15G_L_-25dBm limit

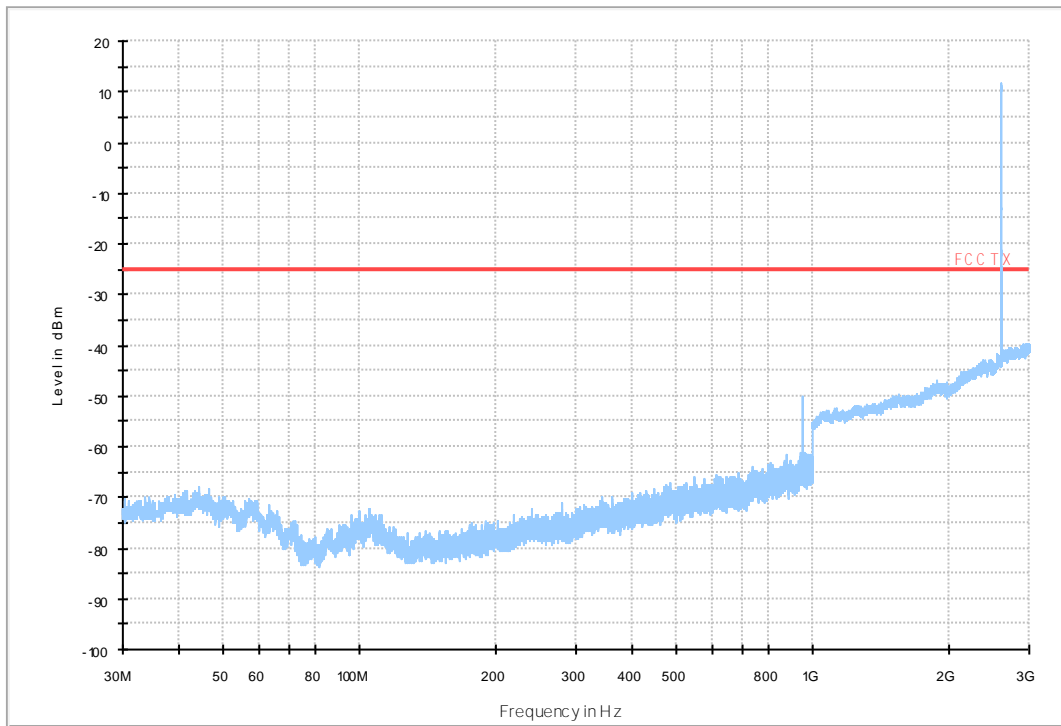


LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 15G_H_-25dBm limit

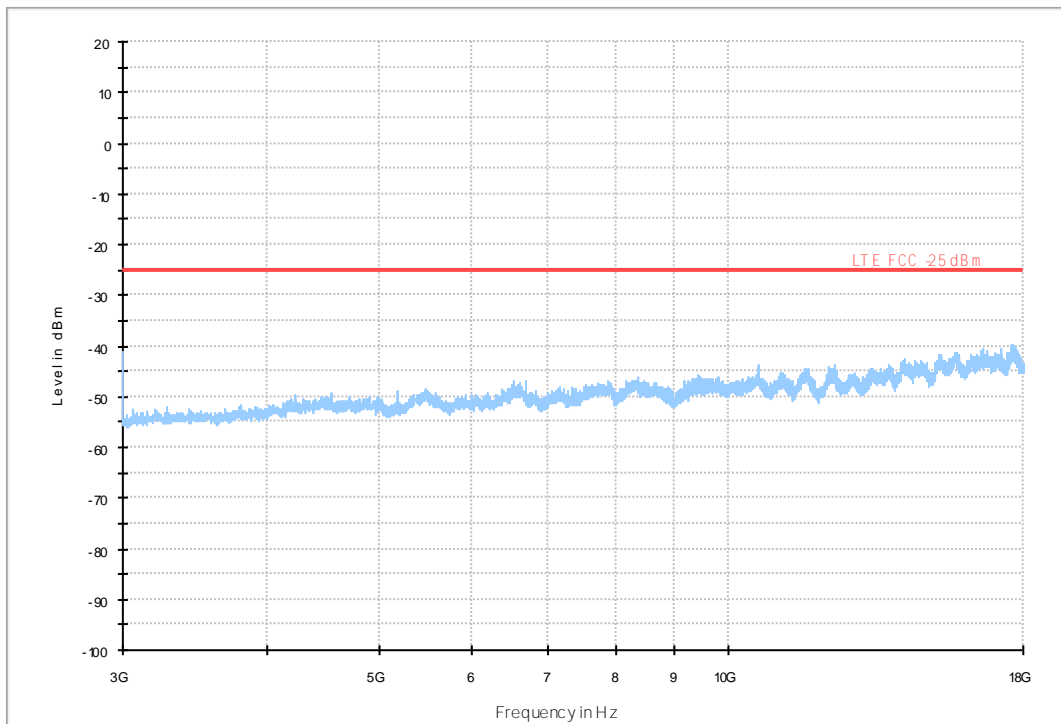


Band38/TM1_Ant2 (adaptor + Wireless charging charger+ Wireless Charging Case) worst case

LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 15G_L -25dBm limit



LTE TDD Band 38&41 RSE-TX-DIRECTOR ABOVE 15G_H -25dBm limit





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
Band38	LTE/TM1	5	LCH	TN	VL	-24.70493	-0.00960	PASS
					VN	-2.86102	-0.00111	PASS
					VH	-8.23975	-0.00320	PASS
			MCH	TN	VL	-16.60824	-0.00640	PASS
					VN	-15.47813	-0.00596	PASS
					VH	-19.44065	-0.00749	PASS
			HCH	TN	VL	-20.62798	-0.00788	PASS
					VN	-21.02852	-0.00803	PASS
					VH	-23.58913	-0.00901	PASS
		10	LCH	TN	VL	-34.63268	-0.01345	PASS
					VN	-15.26356	-0.00593	PASS
					VH	-14.57691	-0.00566	PASS
			MCH	TN	VL	-16.03603	-0.00618	PASS
					VN	-15.97881	-0.00616	PASS
					VH	-18.58234	-0.00716	PASS
			HCH	TN	VL	-23.53191	-0.00900	PASS
					VN	-22.01557	-0.00842	PASS
					VH	-25.79212	-0.00986	PASS
		15	LCH	TN	VL	-15.02037	-0.00583	PASS
					VN	-18.12458	-0.00703	PASS
					VH	-22.55917	-0.00875	PASS
			MCH	TN	VL	-14.97746	-0.00577	PASS
					VN	-19.49787	-0.00751	PASS
					VH	-20.84255	-0.00803	PASS
			HCH	TN	VL	-21.94405	-0.00840	PASS
					VN	-21.27171	-0.00814	PASS
					VH	-19.82689	-0.00759	PASS
		20	LCH	TN	VL	-19.89841	-0.00771	PASS
					VN	-20.82825	-0.00807	PASS
					VH	-22.11571	-0.00857	PASS
MCH	TN		VL	-23.57483	-0.00908	PASS		
			VN	-17.85278	-0.00688	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	-19.32621	-0.00745	PASS
					VL	-19.21177	-0.00736	PASS
					VN	-22.37320	-0.00857	PASS
			LCH	TN	VH	-20.08438	-0.00770	PASS
					VL	-18.09597	-0.00703	PASS
					VN	-21.87252	-0.00850	PASS
		MCH	TN	VH	-23.18859	-0.00901	PASS	
				VL	-9.34124	-0.00360	PASS	
				VN	-18.12458	-0.00698	PASS	
		HCH	TN	VH	-19.09733	-0.00736	PASS	
				VL	-15.95020	-0.00609	PASS	
				VN	-29.81186	-0.01139	PASS	
		10	LCH	TN	VH	-36.49235	-0.01394	PASS
					VL	-44.54613	-0.01730	PASS
					VN	-15.00607	-0.00583	PASS
			MCH	TN	VH	-16.99448	-0.00660	PASS
					VL	-45.87650	-0.01768	PASS
					VN	-37.59384	-0.01449	PASS
			HCH	TN	VH	-18.15319	-0.00700	PASS
					VL	-15.85007	-0.00606	PASS
					VN	-19.29760	-0.00738	PASS
		15	LCH	TN	VH	-26.19267	-0.01002	PASS
					VL	-10.80036	-0.00419	PASS
					VN	-16.17908	-0.00628	PASS
			MCH	TN	VH	-31.52847	-0.01223	PASS
					VL	-15.54966	-0.00599	PASS
					VN	-18.62526	-0.00718	PASS
			HCH	TN	VH	-18.32485	-0.00706	PASS
					VL	-17.32349	-0.00663	PASS
					VN	-21.12865	-0.00809	PASS
		20	LCH	TN	VH	-20.74242	-0.00794	PASS
					VL	-14.53400	-0.00563	PASS
					VN	-20.84255	-0.00808	PASS
			MCH	TN	VH	-15.95020	-0.00618	PASS
					VL	-14.27650	-0.00550	PASS
					VN	-17.48085	-0.00674	PASS
			HCH	TN	VH	-16.22200	-0.00625	PASS
					VL	-15.17773	-0.00582	PASS
					VN	-16.22200	-0.00625	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-20.01286	-0.00767	PASS
					VH	-21.91544	-0.00840	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
Band38	LTE/TM1	5	LCH	VN	-30	-9.49860	-0.00369	PASS
					-20	-9.54151	-0.00371	PASS
					-10	-8.68320	-0.00338	PASS
					0	-10.58578	-0.00411	PASS
					10	-11.08646	-0.00431	PASS
					20	-2.86102	-0.00111	PASS
					30	-10.54287	-0.00410	PASS
			40	-16.16478	-0.00628	PASS		
			50	-13.20362	-0.00513	PASS		
			MCH	VN	-30	-12.64572	-0.00487	PASS
					-20	-25.19131	-0.00971	PASS
					-10	-21.20018	-0.00817	PASS
					0	-16.93726	-0.00653	PASS
					10	-17.22336	-0.00664	PASS
		20			-15.47813	-0.00596	PASS	
		30			-19.94133	-0.00768	PASS	
		40	-17.15183	-0.00661	PASS			
		50	-21.75808	-0.00838	PASS			
		HCH	VN	-30	-27.56596	-0.01053	PASS	
				-20	-27.15111	-0.01037	PASS	
				-10	-25.23422	-0.00964	PASS	
				0	-32.31525	-0.01235	PASS	
				10	-27.56596	-0.01053	PASS	
				20	-21.02852	-0.00803	PASS	
				30	-42.97256	-0.01642	PASS	
		40	-21.41476	-0.00818	PASS			
		50	-27.10819	-0.01036	PASS			
		10	LCH	VN	-30	-15.70702	-0.00610	PASS
-20	-35.01892				-0.01360	PASS		
-10	-20.71381				-0.00804	PASS		
0	-59.80968				-0.02323	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	-32.57275	-0.01265	PASS		
					20	-15.26356	-0.00593	PASS		
					30	-53.07198	-0.02061	PASS		
					40	-21.17157	-0.00822	PASS		
					50	-42.14287	-0.01637	PASS		
			MCH	VN	-30	-19.78397	-0.00762	PASS		
					-20	-17.53807	-0.00676	PASS		
					-10	-17.18044	-0.00662	PASS		
					0	-21.68655	-0.00836	PASS		
					10	-27.15111	-0.01046	PASS		
					20	-15.97881	-0.00616	PASS		
					30	-41.39900	-0.01595	PASS		
					40	-14.89162	-0.00574	PASS		
					50	-22.78805	-0.00878	PASS		
					HCH	VN	-30	-19.25468	-0.00736	PASS
			-20	-21.42906			-0.00819	PASS		
			-10	-23.26012			-0.00889	PASS		
			0	-29.88338			-0.01143	PASS		
			10	-16.10756			-0.00616	PASS		
			20	-22.01557			-0.00842	PASS		
			30	-30.49850			-0.01166	PASS		
			40	-18.28194			-0.00699	PASS		
			15		LCH	VN	-30	-17.92431	-0.00695	PASS
							-20	-39.36768	-0.01527	PASS
							-10	-20.42770	-0.00793	PASS
							0	-22.10140	-0.00857	PASS
							10	-17.20905	-0.00668	PASS
							20	-18.12458	-0.00703	PASS
							30	-19.81258	-0.00769	PASS
							40	-51.36967	-0.01993	PASS
					50	-28.49579	-0.01106	PASS		
					MCH	VN	-30	-18.39638	-0.00709	PASS
							-20	-23.07415	-0.00889	PASS
-10	-17.73834	-0.00684					PASS			
0	-19.84119	-0.00765					PASS			
10	-32.87315	-0.01267					PASS			
20	-19.49787	-0.00751					PASS			
30	-31.47125	-0.01213	PASS							



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					40	-20.34187	-0.00784	PASS		
					50	-54.11625	-0.02085	PASS		
					HCH	VN	-30	-20.57076	-0.00787	PASS
							-20	-21.65794	-0.00829	PASS
							-10	-18.76831	-0.00718	PASS
			0	-25.14839			-0.00963	PASS		
			10	-22.88818			-0.00876	PASS		
			20	-21.27171	-0.00814	PASS				
			30	-28.06664	-0.01074	PASS				
			40	-29.42562	-0.01126	PASS				
			50	-35.39085	-0.01355	PASS				
			20	LCH	VN	-30	-20.05577	-0.00777	PASS	
						-20	-18.31055	-0.00710	PASS	
						-10	-19.65523	-0.00762	PASS	
						0	-22.55917	-0.00874	PASS	
		10				-18.88275	-0.00732	PASS		
		20				-20.82825	-0.00807	PASS		
		30				-19.49787	-0.00756	PASS		
		40				-48.52295	-0.01881	PASS		
		50		-33.17356	-0.01286	PASS				
		MCH		VN	-30	-24.67632	-0.00951	PASS		
					-20	-19.92702	-0.00768	PASS		
					-10	-21.52920	-0.00830	PASS		
					0	-19.81258	-0.00763	PASS		
					10	-19.58370	-0.00755	PASS		
					20	-17.85278	-0.00688	PASS		
			30		-19.74106	-0.00761	PASS			
		40	-20.87116	-0.00804	PASS					
		50	-24.08981	-0.00928	PASS					
		HCH	VN	-30	-22.78805	-0.00873	PASS			
				-20	-21.52920	-0.00825	PASS			
				-10	-19.14024	-0.00733	PASS			
				0	-21.67225	-0.00830	PASS			
				10	-19.21177	-0.00736	PASS			
				20	-22.37320	-0.00857	PASS			
				30	-22.94540	-0.00879	PASS			
				40	-29.56867	-0.01133	PASS			
		50	-27.95219	-0.01071	PASS					
		LTE/TM2	5	LCH	VN	-30	-24.29008	-0.00944	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	-21.05713	-0.00819	PASS	
					-10	-19.59801	-0.00762	PASS	
					0	-29.79755	-0.01158	PASS	
					10	-21.25740	-0.00826	PASS	
					20	-21.87252	-0.00850	PASS	
					30	-22.88818	-0.00890	PASS	
					40	-27.72331	-0.01078	PASS	
					50	-21.11435	-0.00821	PASS	
			MCH	VN	-30	-16.16478	-0.00623	PASS	
					-20	-18.51082	-0.00713	PASS	
					-10	-48.30837	-0.01862	PASS	
					0	-17.09461	-0.00659	PASS	
					10	-12.88891	-0.00497	PASS	
					20	-18.12458	-0.00698	PASS	
					30	-16.15047	-0.00622	PASS	
					40	-16.22200	-0.00625	PASS	
			HCH	VN	-30	-24.73354	-0.00945	PASS	
					-20	-26.73626	-0.01021	PASS	
					-10	-24.89090	-0.00951	PASS	
					0	-19.95564	-0.00762	PASS	
					10	-26.20697	-0.01001	PASS	
					20	-29.81186	-0.01139	PASS	
					30	-25.42019	-0.00971	PASS	
					40	-24.96243	-0.00954	PASS	
			10	LCH	VN	-30	-16.39366	-0.00637	PASS
						-20	-59.29470	-0.02303	PASS
						-10	-16.02173	-0.00622	PASS
						0	-32.52983	-0.01263	PASS
						10	-32.87315	-0.01277	PASS
						20	-15.00607	-0.00583	PASS
						30	-45.64762	-0.01773	PASS
						40	-15.70702	-0.00610	PASS
				50	-48.22254	-0.01873	PASS		
				MCH	VN	-30	-12.67433	-0.00488	PASS
						-20	-16.02173	-0.00617	PASS
						-10	-29.33979	-0.01131	PASS
			0			-42.61494	-0.01642	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	-30.55573	-0.01177	PASS		
					20	-37.59384	-0.01449	PASS		
					30	-36.90720	-0.01422	PASS		
					40	-20.44201	-0.00788	PASS		
					50	-20.57076	-0.00793	PASS		
			HCH	VN	-30	-43.65921	-0.01670	PASS		
					-20	-44.68918	-0.01709	PASS		
					-10	-16.89434	-0.00646	PASS		
					0	-24.24717	-0.00927	PASS		
					10	-37.83703	-0.01447	PASS		
					20	-19.29760	-0.00738	PASS		
					30	-43.53046	-0.01665	PASS		
					40	-22.20154	-0.00849	PASS		
					50	-37.63676	-0.01439	PASS		
					LCH	VN	-30	-16.82281	-0.00653	PASS
							-20	-26.63612	-0.01033	PASS
							-10	-14.33372	-0.00556	PASS
							0	-20.08438	-0.00779	PASS
							10	-13.43250	-0.00521	PASS
							20	-16.17908	-0.00628	PASS
		30	-17.30919	-0.00672			PASS			
		40	-30.32684	-0.01177			PASS			
		50	-24.10412	-0.00935			PASS			
		MCH	VN	-30			-17.06600	-0.00658	PASS	
				-20			-16.83712	-0.00649	PASS	
				-10			-16.00742	-0.00617	PASS	
				0			-18.31055	-0.00706	PASS	
				10			-14.23359	-0.00549	PASS	
				20			-18.62526	-0.00718	PASS	
				30	-16.13617	-0.00622	PASS			
				40	-18.05305	-0.00696	PASS			
		HCH	VN	50	-39.48212	-0.01521	PASS			
				-30	-18.92567	-0.00724	PASS			
				-20	-18.82553	-0.00721	PASS			
				-10	-27.19402	-0.01041	PASS			
				0	-34.28936	-0.01313	PASS			
				10	-30.34115	-0.01161	PASS			
				20	-21.12865	-0.00809	PASS			
		30	-21.28601	-0.00815	PASS					
		15								



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					40	-24.86229	-0.00952	PASS		
					50	-23.98968	-0.00918	PASS		
		20	LCH	VN	-30	-16.88004	-0.00654	PASS		
					-20	-19.11163	-0.00741	PASS		
					-10	-20.78533	-0.00806	PASS		
					0	-20.62798	-0.00800	PASS		
					10	-18.31055	-0.00710	PASS		
					20	-20.84255	-0.00808	PASS		
			MCH	VN	30	-19.28329	-0.00747	PASS		
					40	-31.35681	-0.01215	PASS		
					50	-26.89362	-0.01042	PASS		
					-30	-15.63549	-0.00603	PASS		
					-20	-21.05713	-0.00811	PASS		
					-10	-15.96451	-0.00615	PASS		
		HCH	VN	0	-14.92023	-0.00575	PASS			
				10	-16.43658	-0.00633	PASS			
				20	-17.48085	-0.00674	PASS			
				30	-17.69543	-0.00682	PASS			
				40	-18.96858	-0.00731	PASS			
				50	-22.30167	-0.00859	PASS			
				-30	-20.61367	-0.00790	PASS			
				-20	-18.11028	-0.00694	PASS			
							-10	-19.95564	-0.00765	PASS
							0	-20.42770	-0.00783	PASS
							10	-21.28601	-0.00816	PASS
							20	-20.01286	-0.00767	PASS
							30	-18.15319	-0.00696	PASS
							40	-22.43042	-0.00859	PASS
							50	-22.00127	-0.00843	PASS

END