





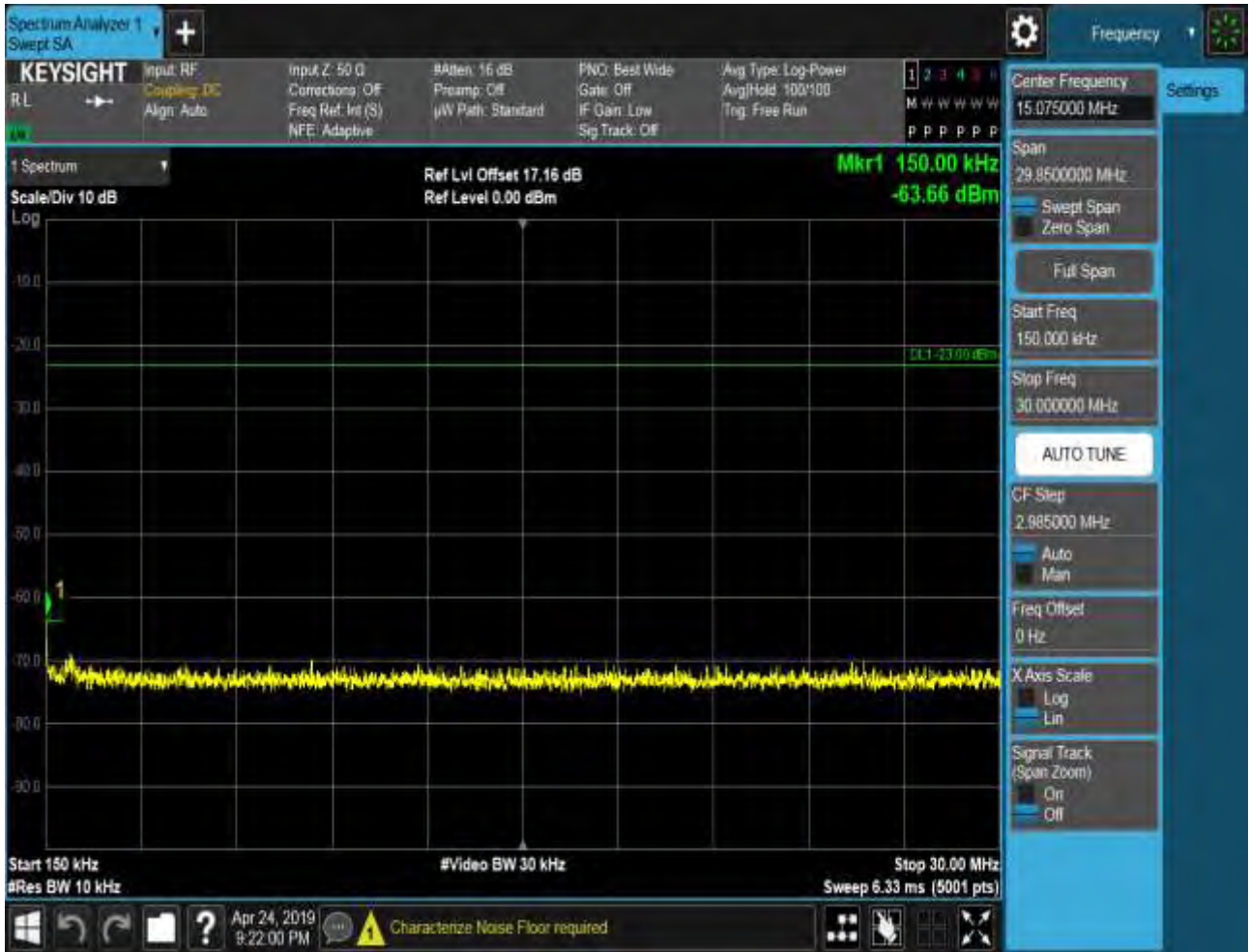
## 6.2.1.2 Test Mode = LTE/TM2

### 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











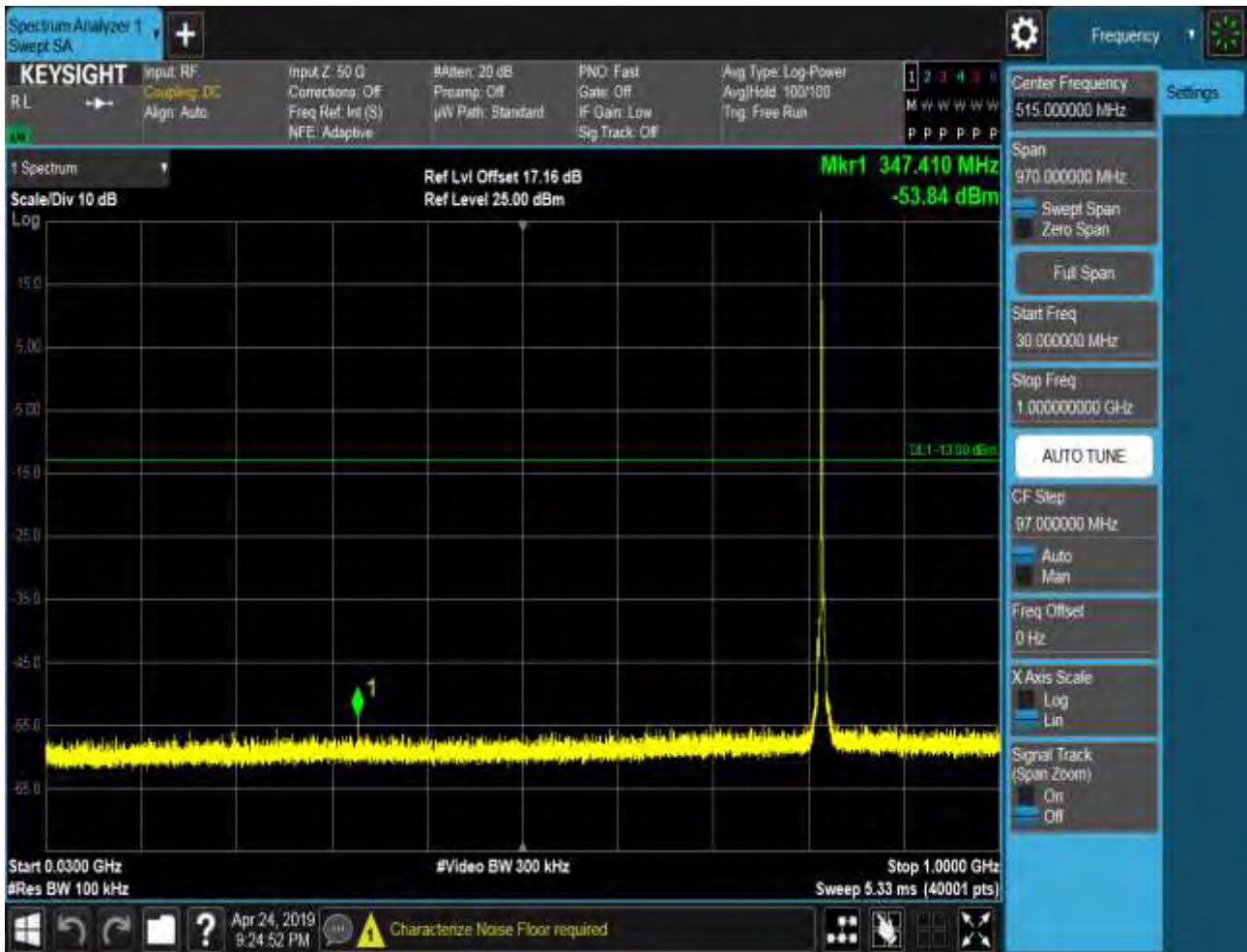
### 6.2.1.2.1.2 Test Channel = MCH

#### 6.2.1.2.1.2.1 Test RB = RB1#0







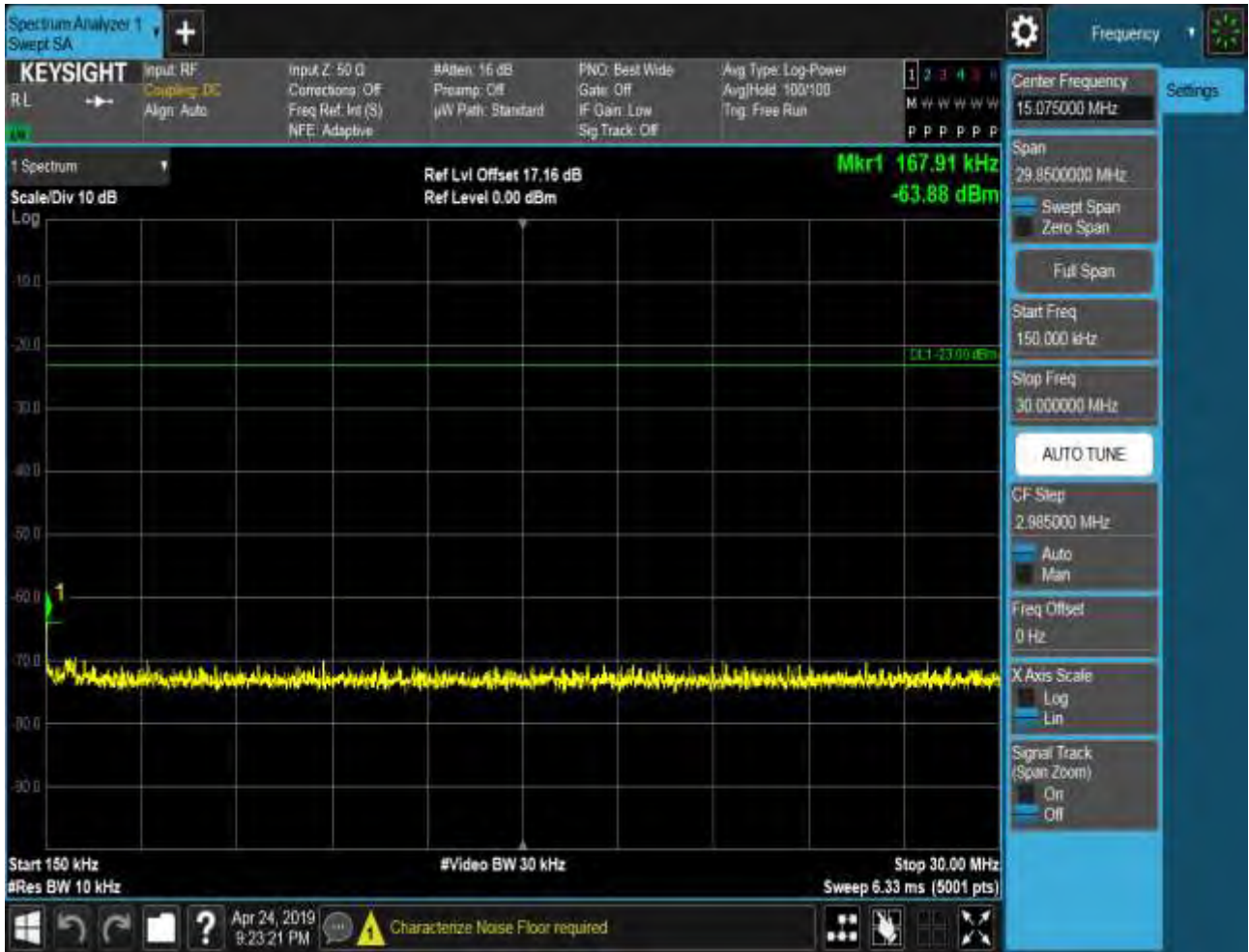




### 6.2.1.2.1.3 Test Channel = HCH

#### 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







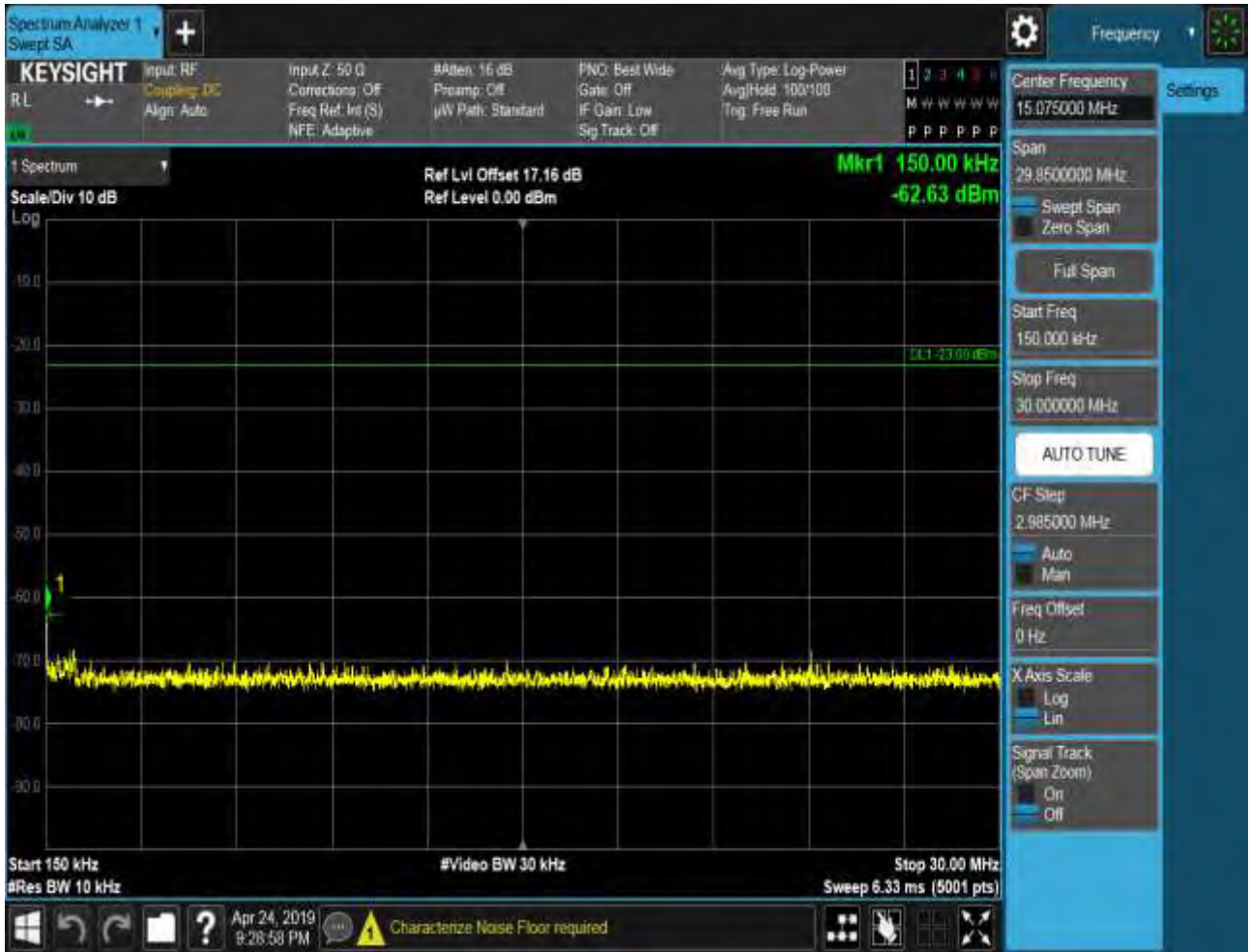




### 6.2.1.2.2.2 Test Channel = MCH

#### 6.2.1.2.2.2.1 Test RB = RB1#0







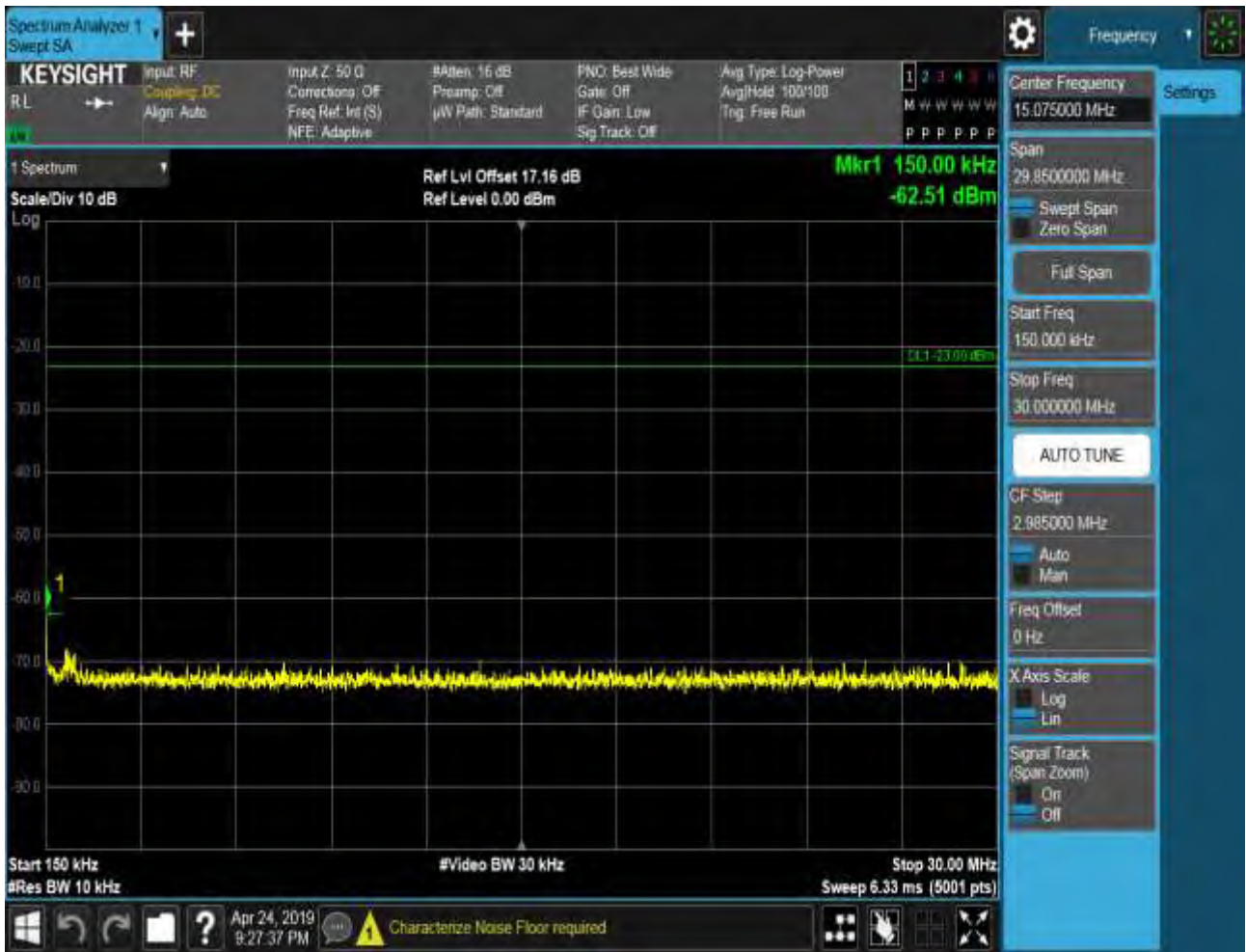




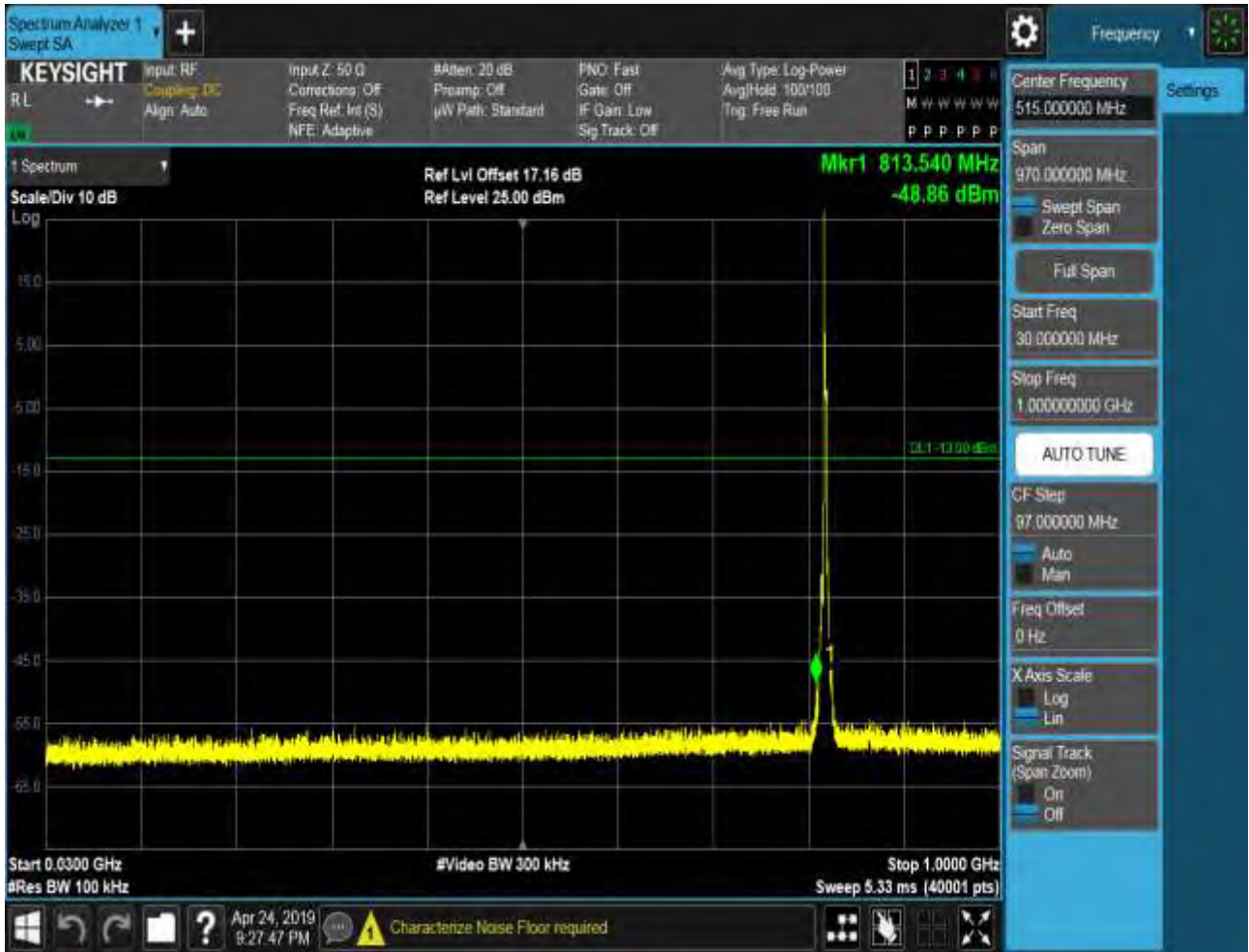
### 6.2.1.2.2.3 Test Channel = HCH

#### 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





















## 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

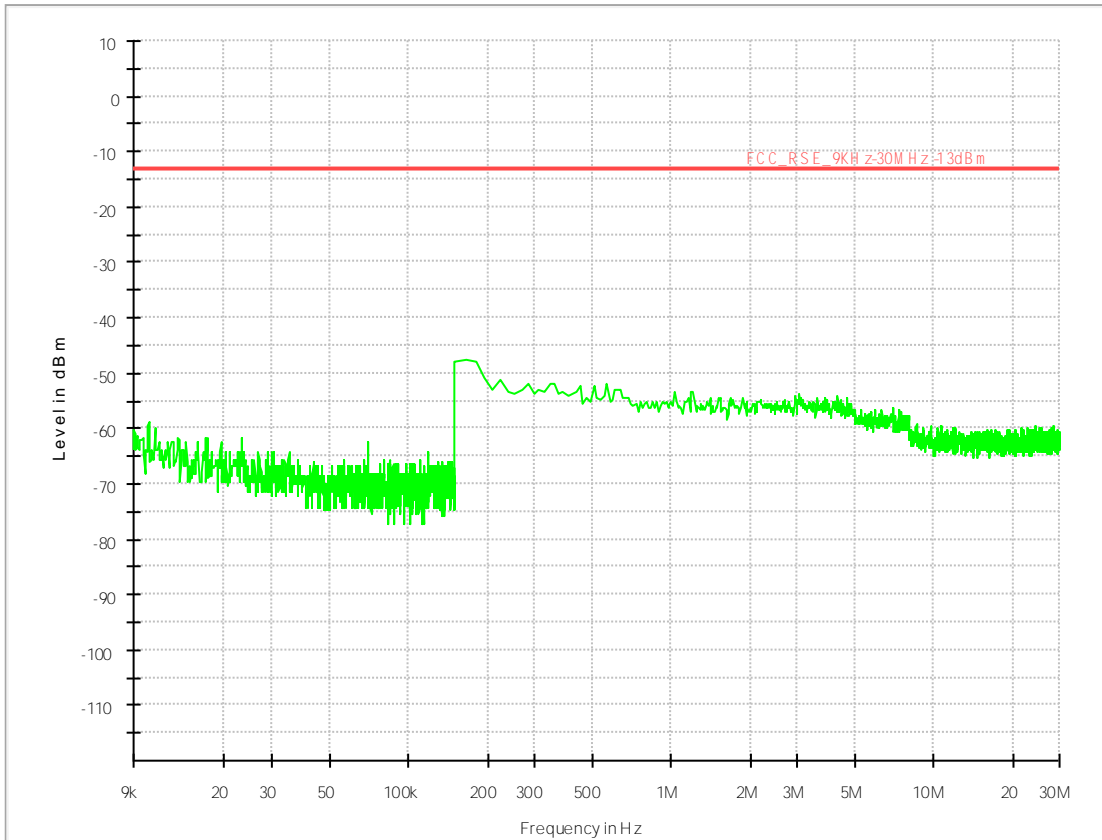
### Part I - Test Plots

#### 7.1 For LTE

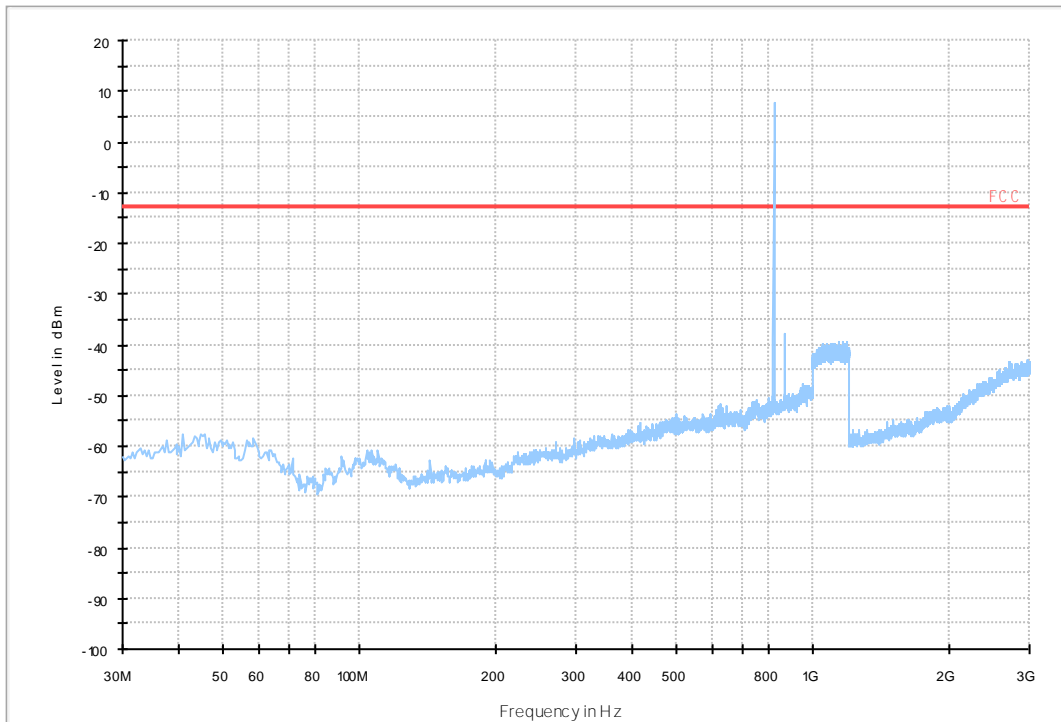
##### 7.1.1 Test Band = Band26(814-824MHz)

##### 7.1.1.1 Test Bandwidth = 1.4

Band26/TM1\_Ant1

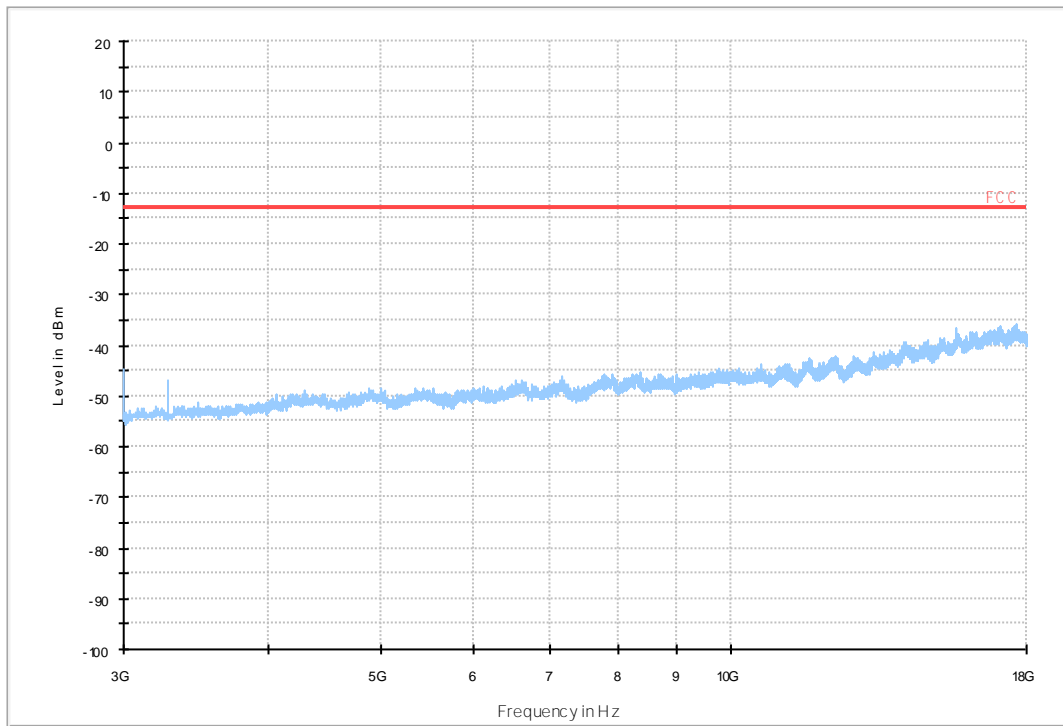


LTE FDD RSE-TX-DIRECTOR BELOW 1G\_L

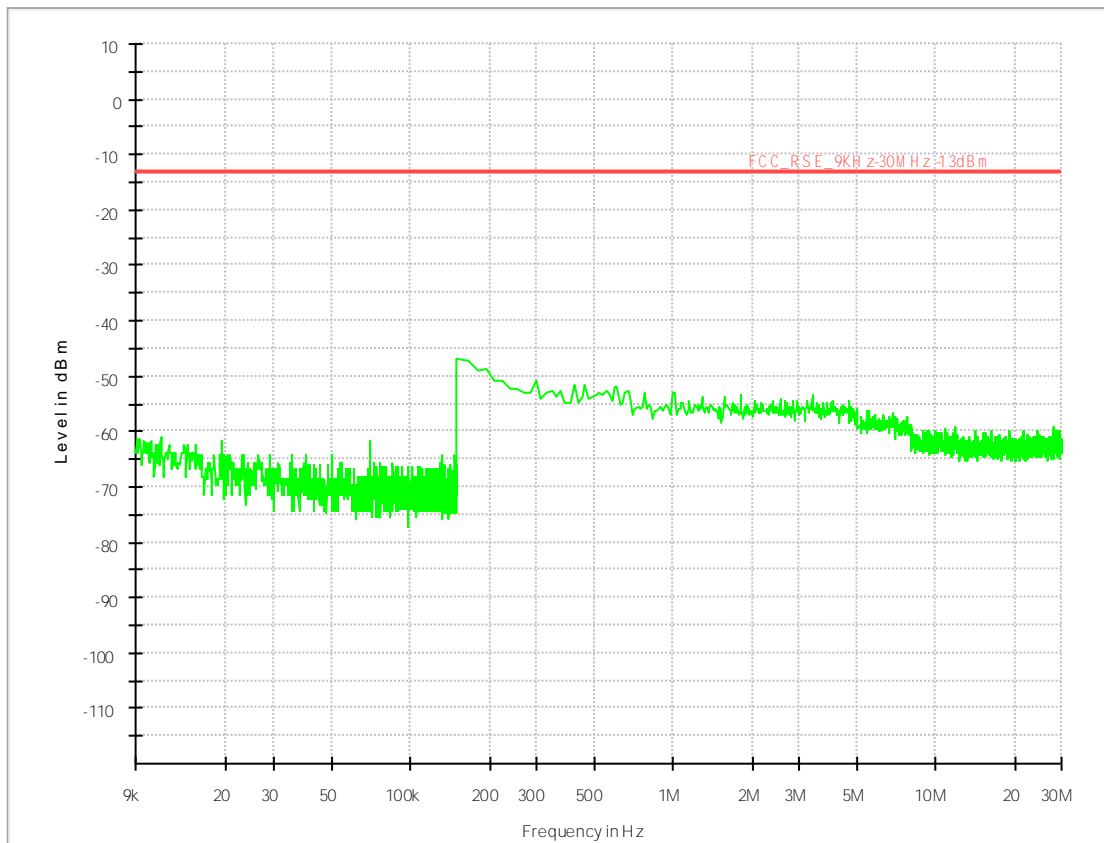




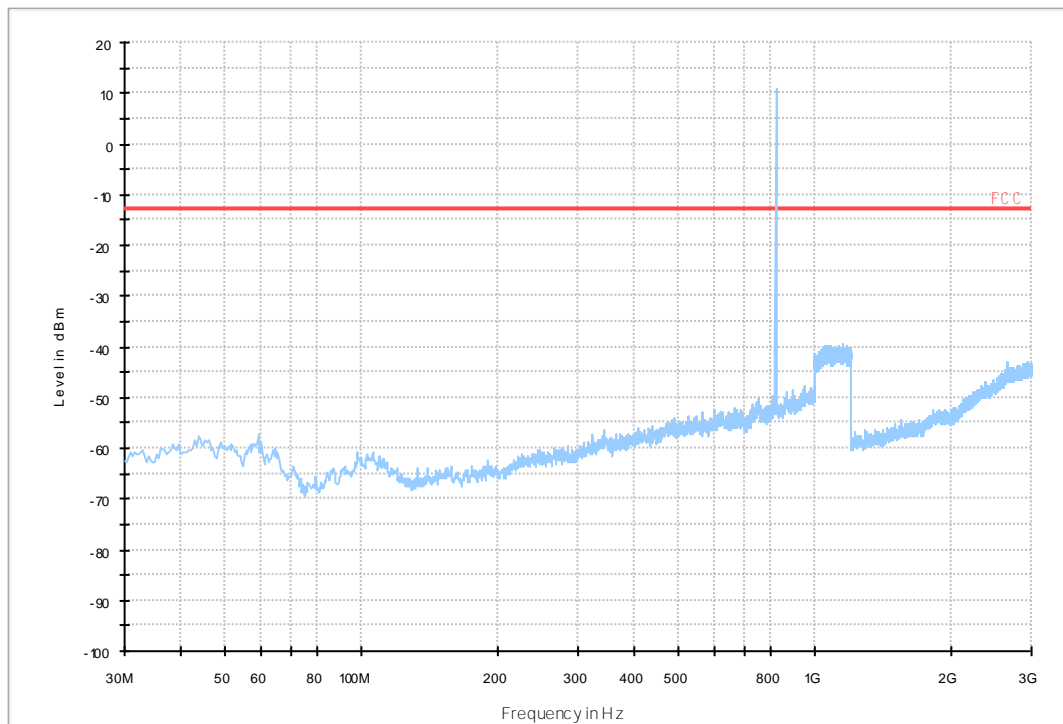
LTE FDD RSE-TX-DIRECTOR BELOW 1G\_H

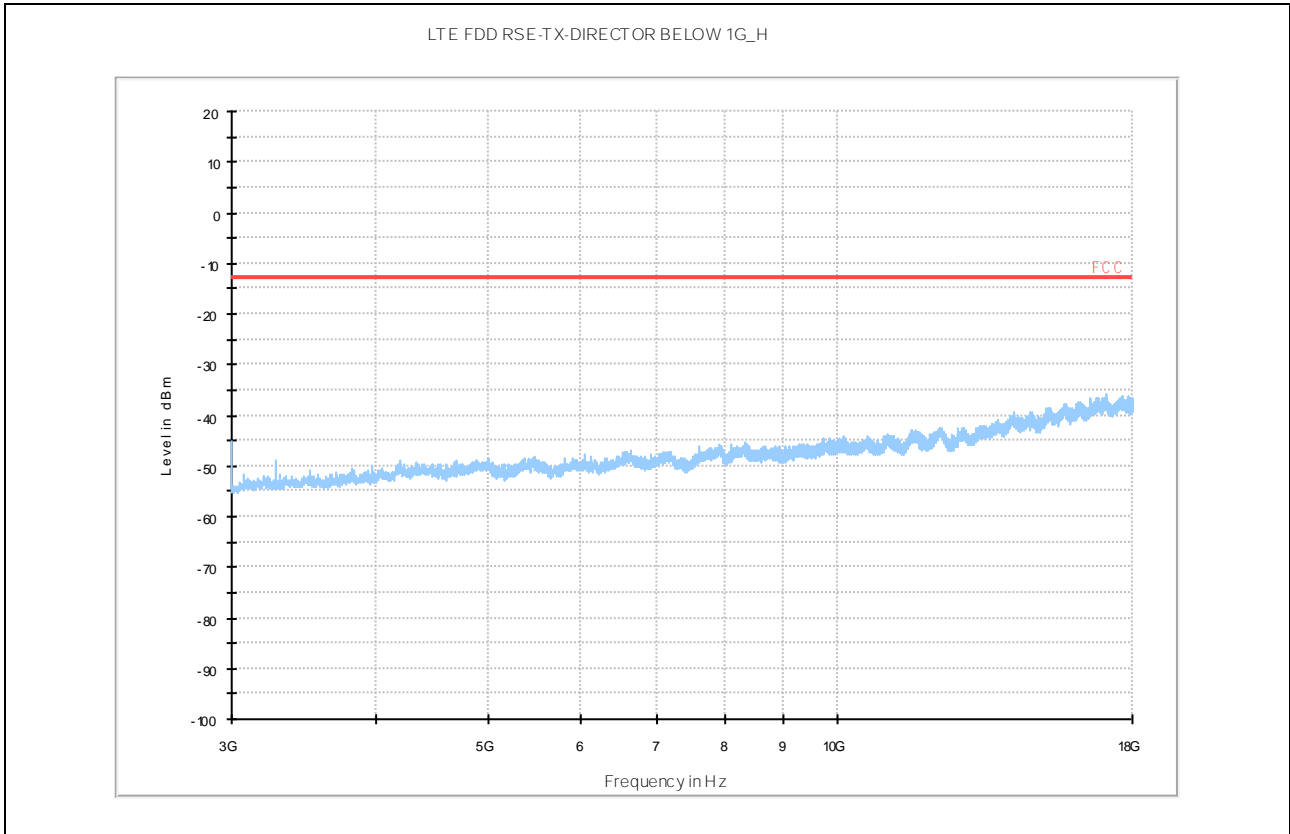


Band26/TM1\_Ant2

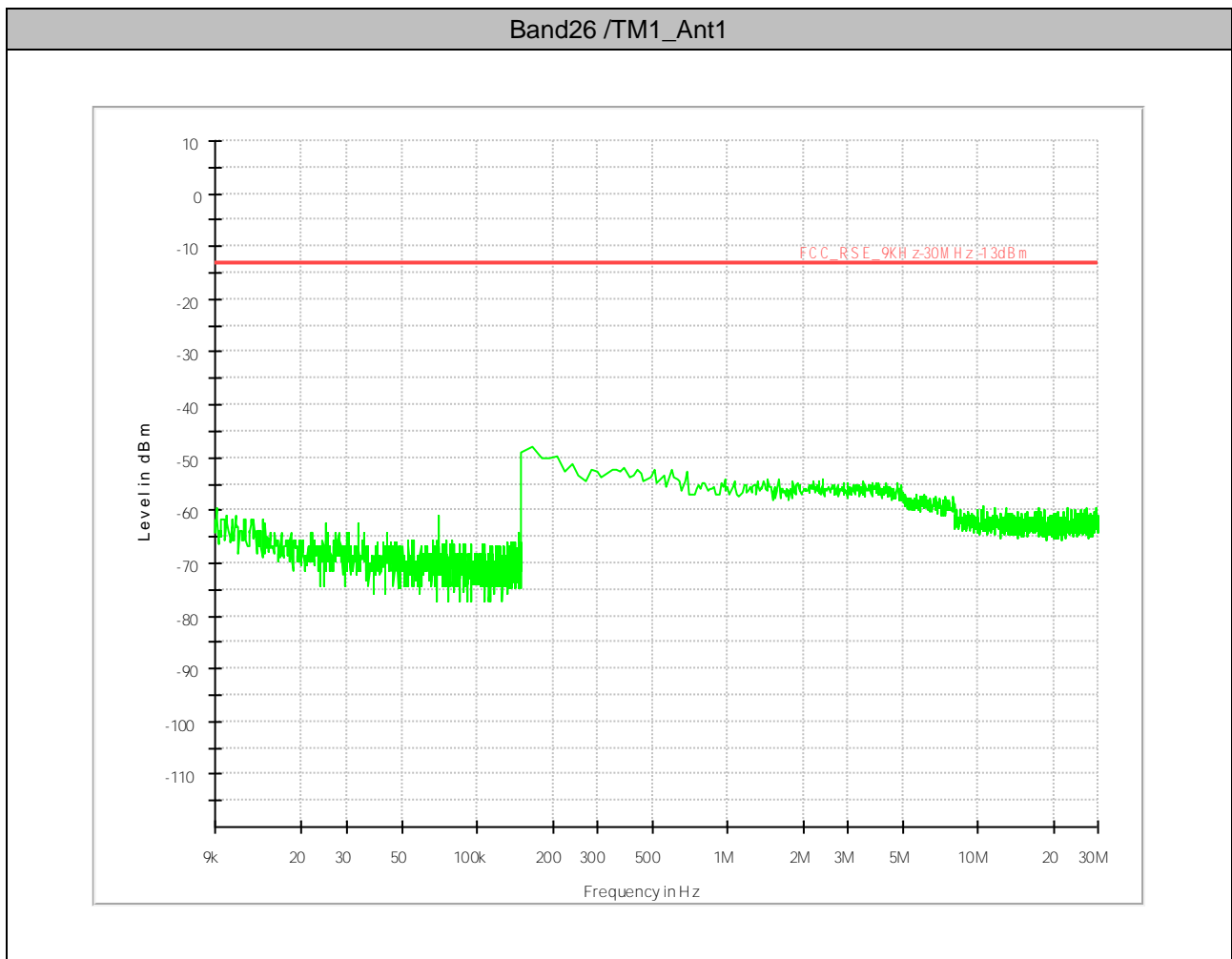


LTE FDD RSE-TX-DIRECTOR BELOW 1G\_L



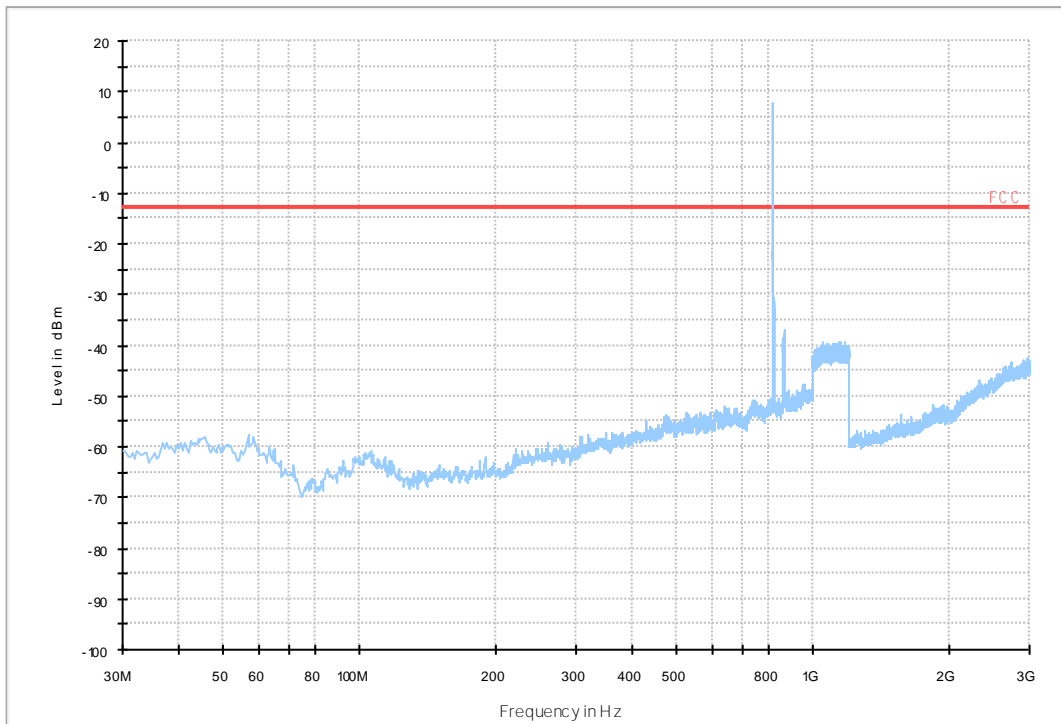


### 7.1.1.2 Test Bandwidth = 10

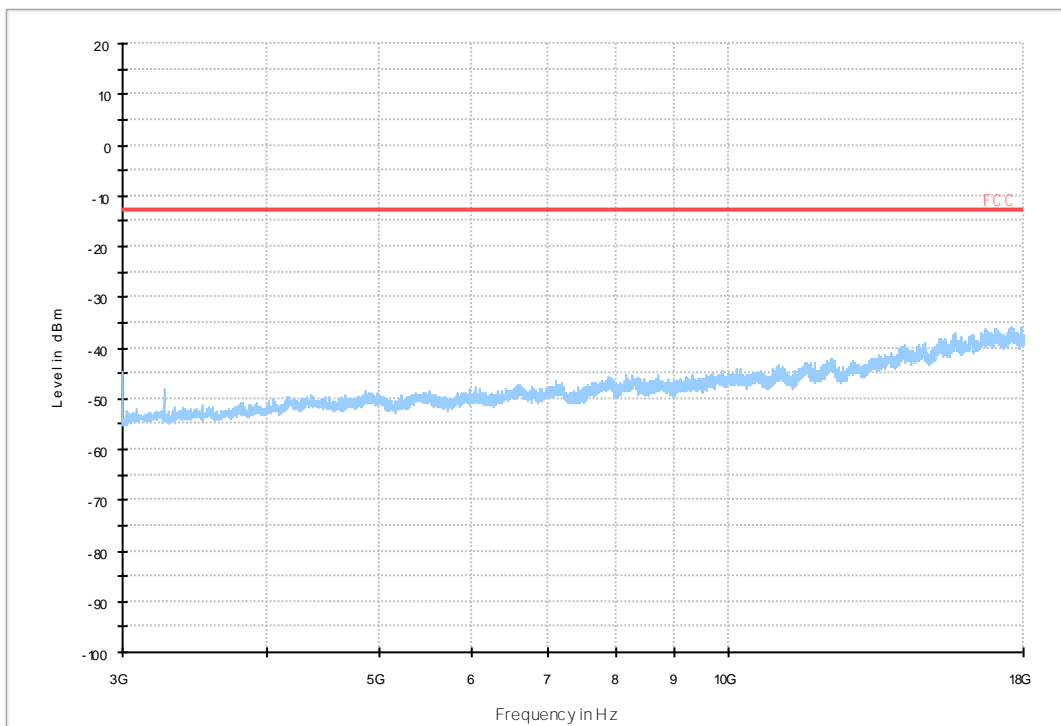




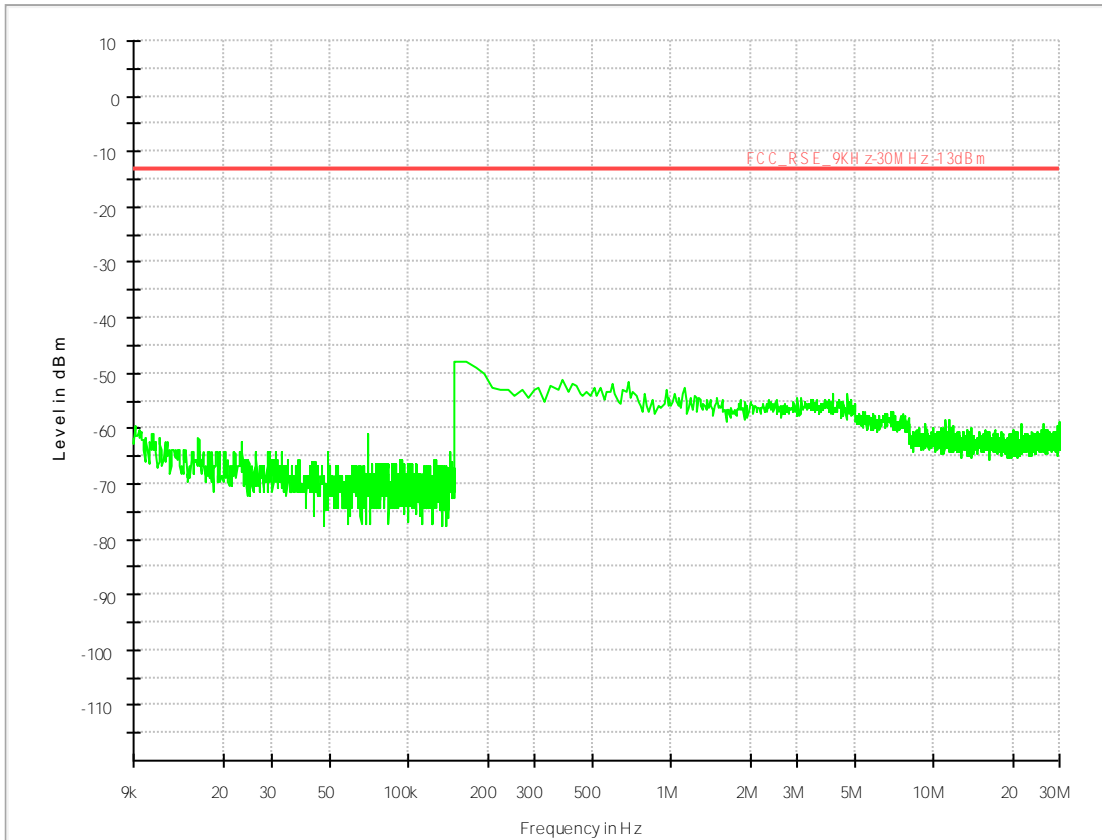
LTE FDD RSE-TX-DIRECTOR BELOW 1G\_L



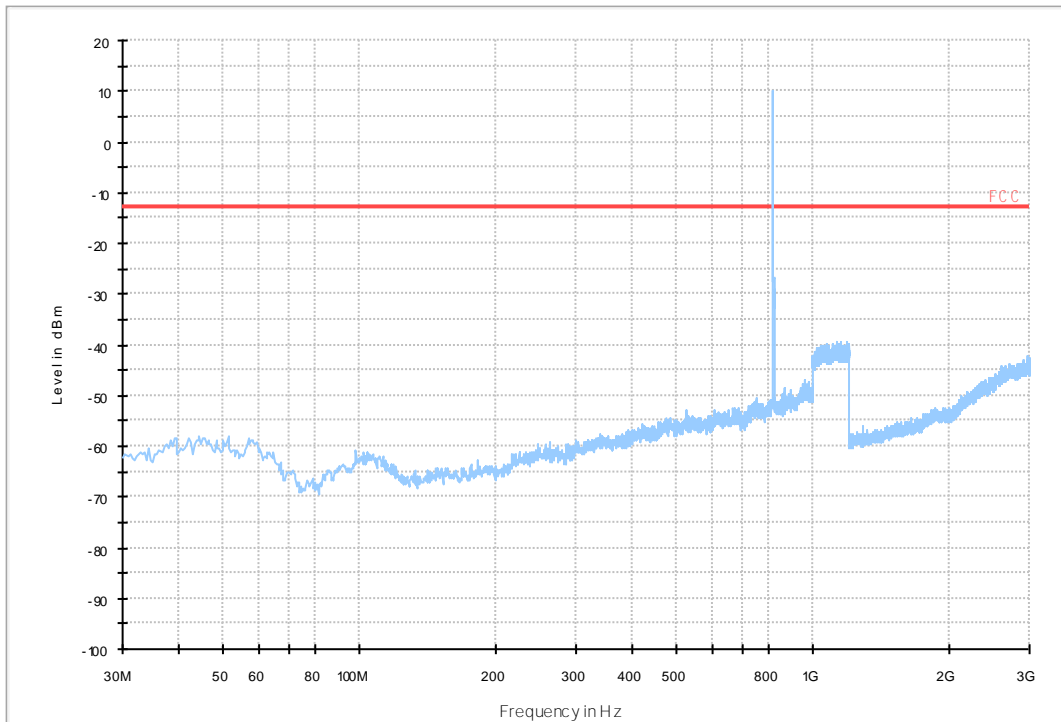
LTE FDD RSE-TX-DIRECTOR BELOW 1G\_H

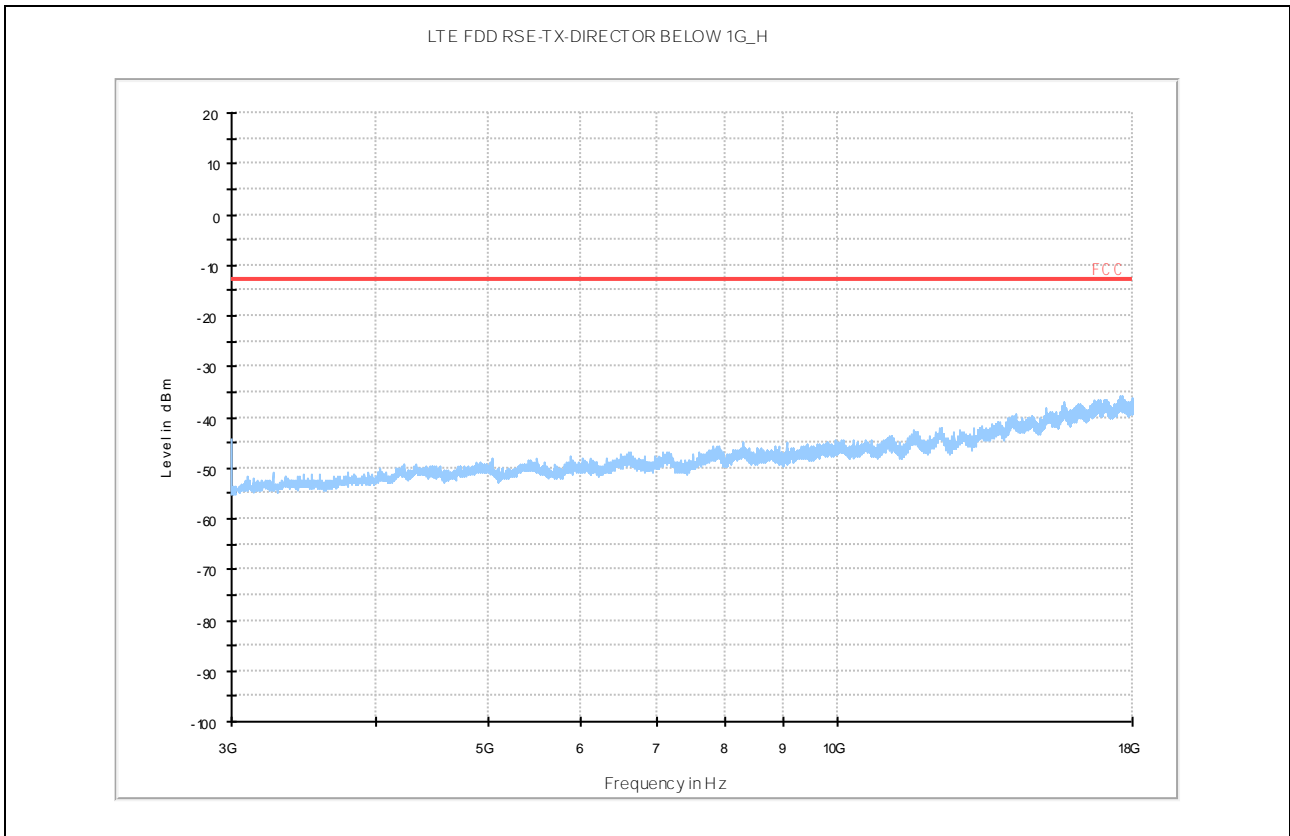


Band26 /TM1\_Ant2



LTE FDD RSE-TX-DIRECTOR BELOW 1G\_L



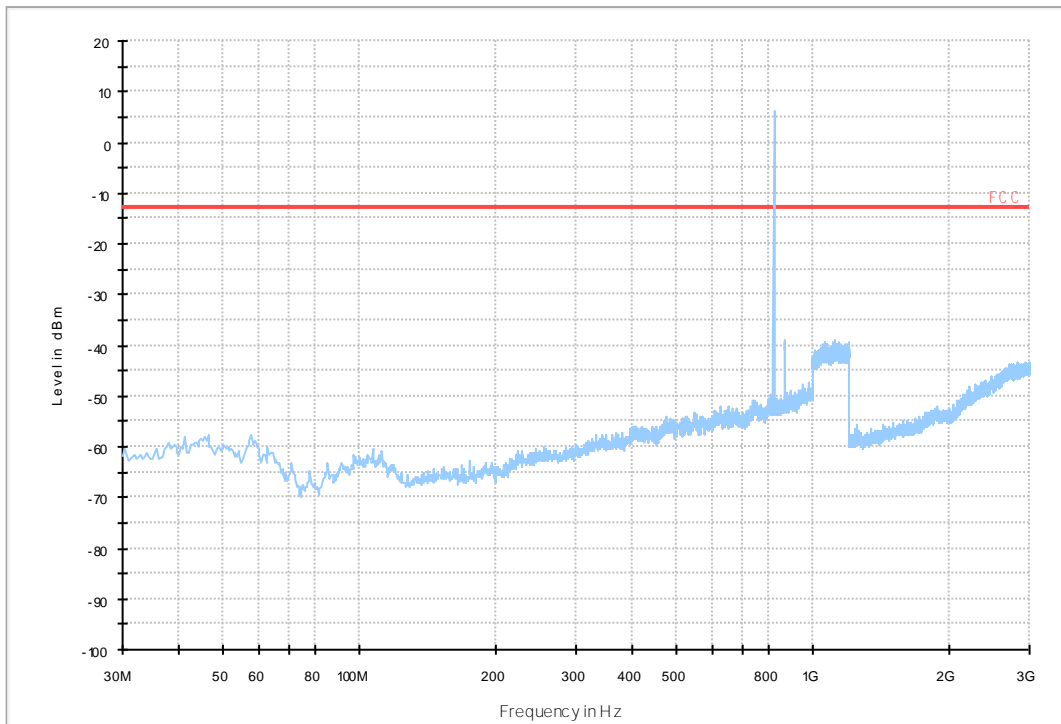


### 7.1.2 Test Band = Band26(824-849MHz) (Wireless charging protective case)

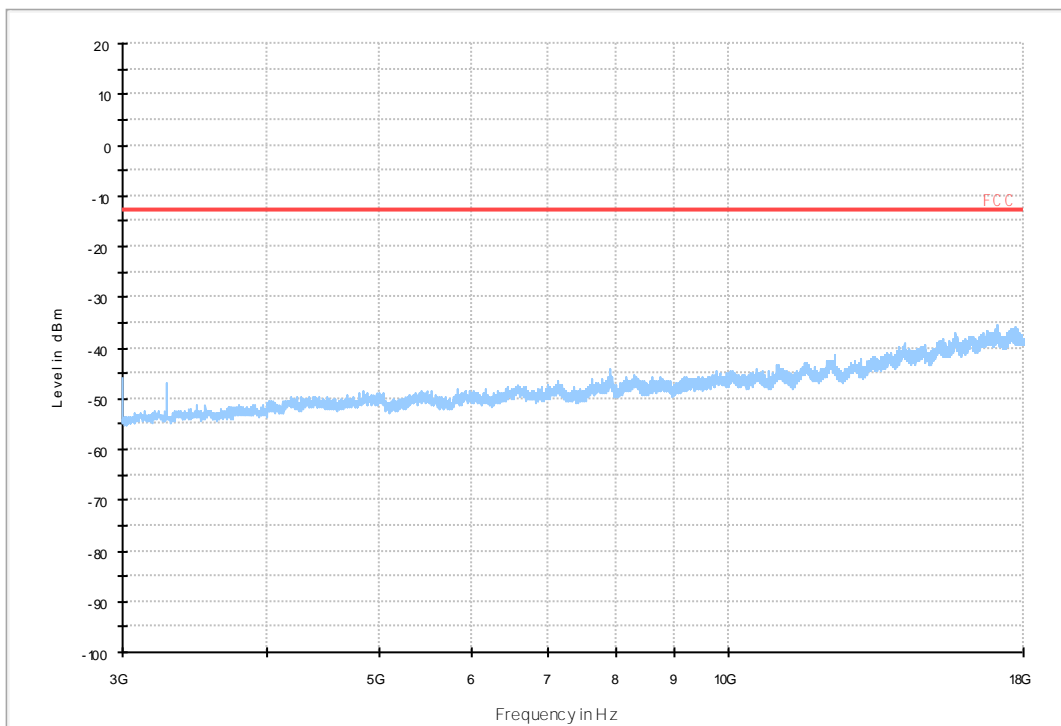
#### 7.1.2.1 Test Bandwidth = 1.4

Band26 /TM1\_Ant1(adaptor + Wireless Charging Case) worst case

LTE FDD RSE-TX-DIRECTOR BELOW 1G\_L

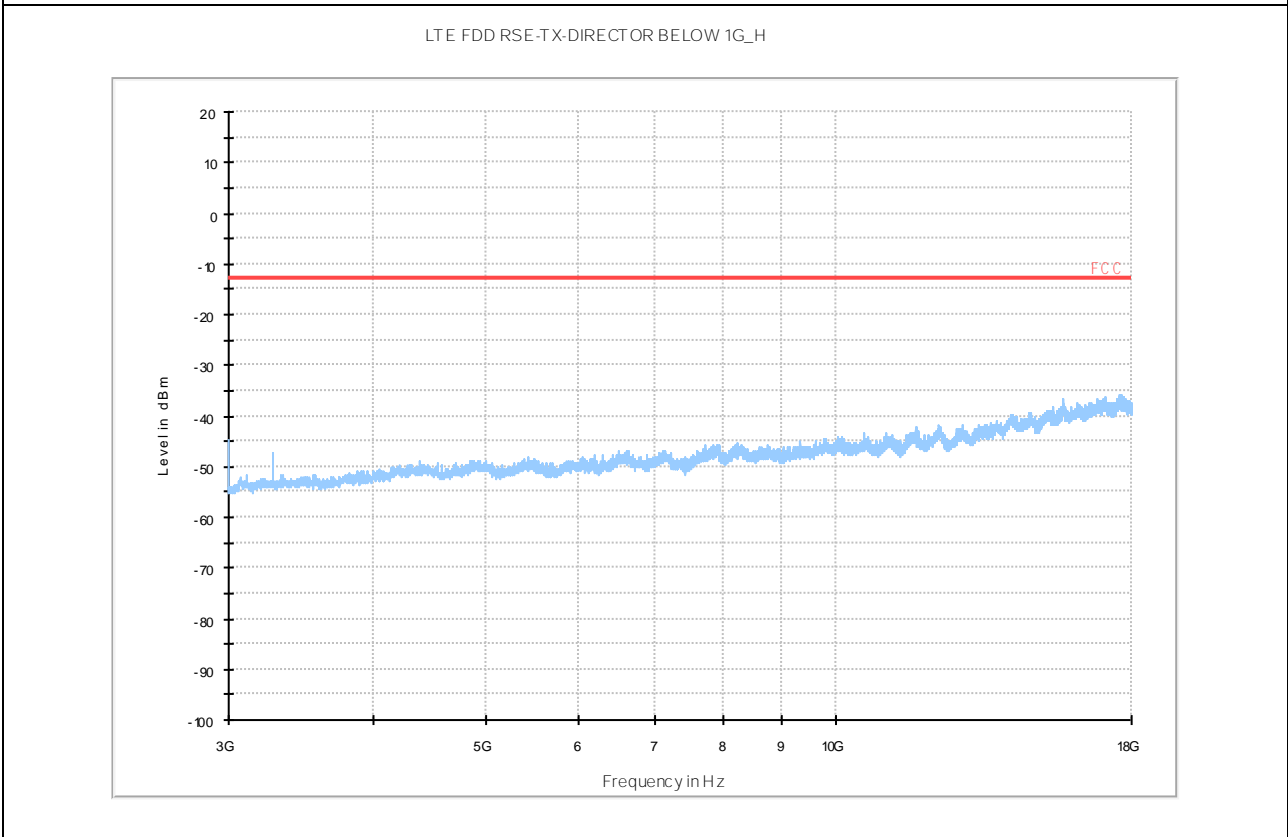
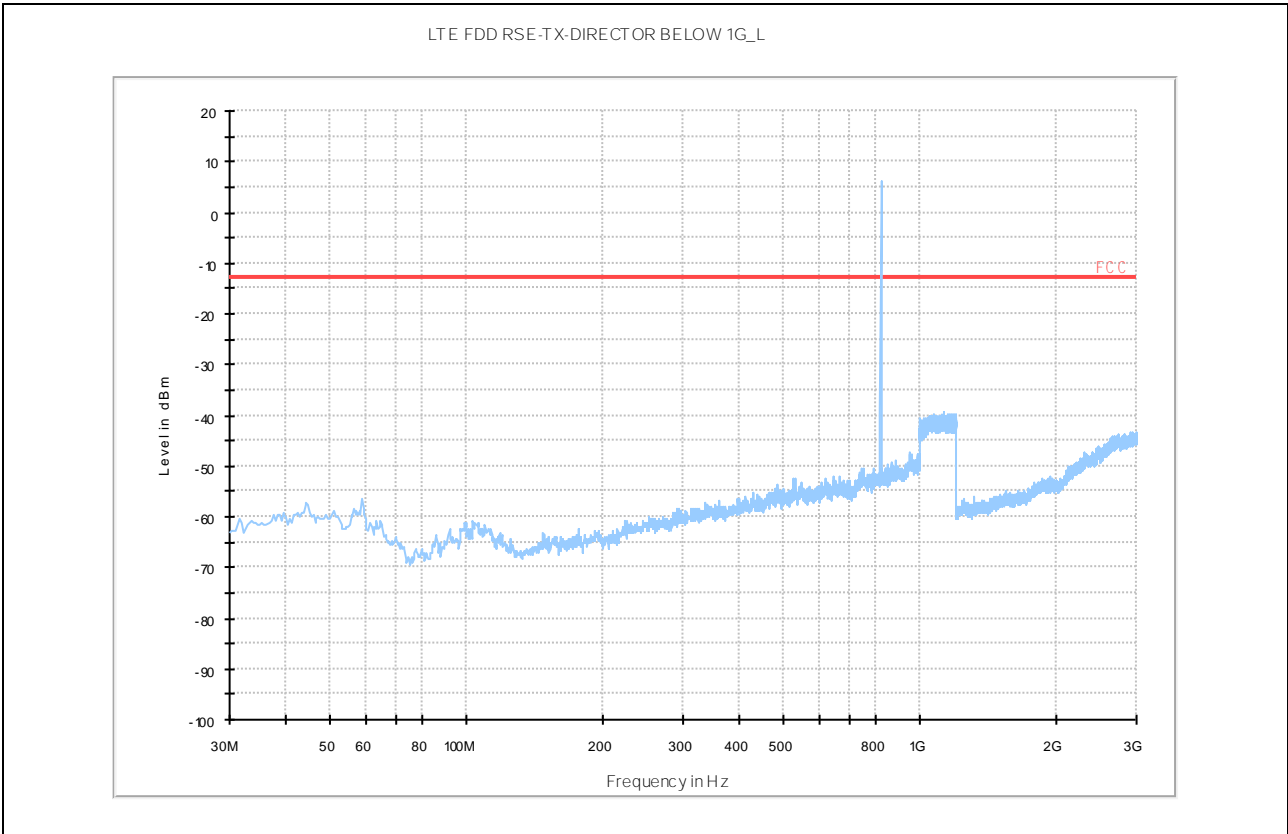


LTE FDD RSE-TX-DIRECTOR BELOW 1G\_H



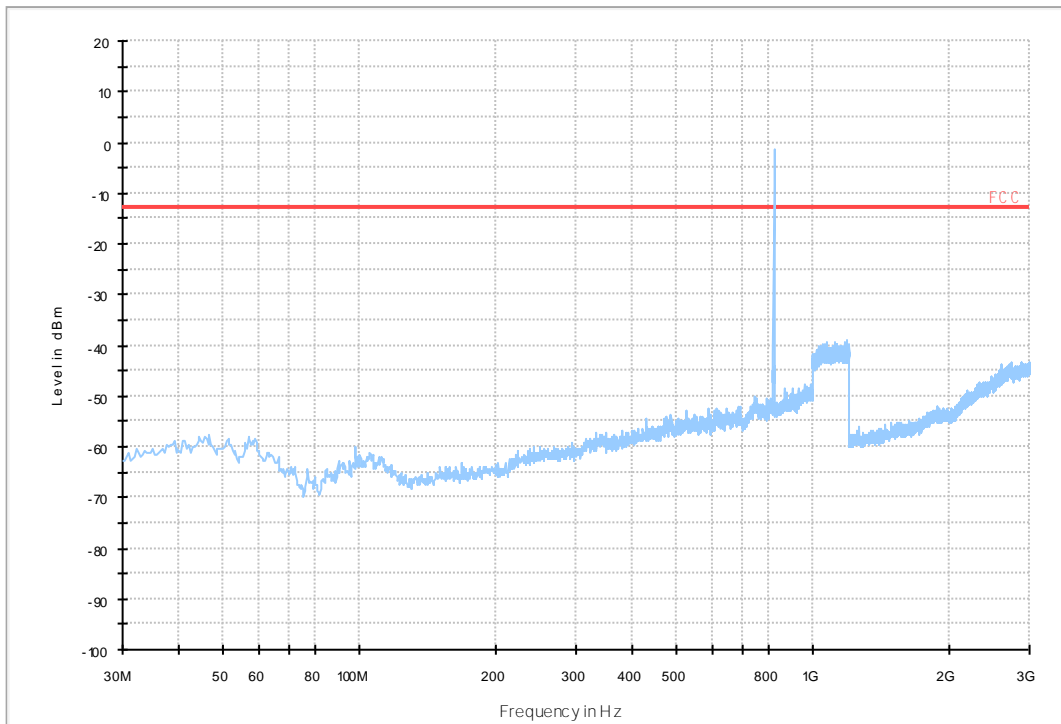
Band26/TM1\_Ant2(adaptor + Wireless Charging Case) worst case



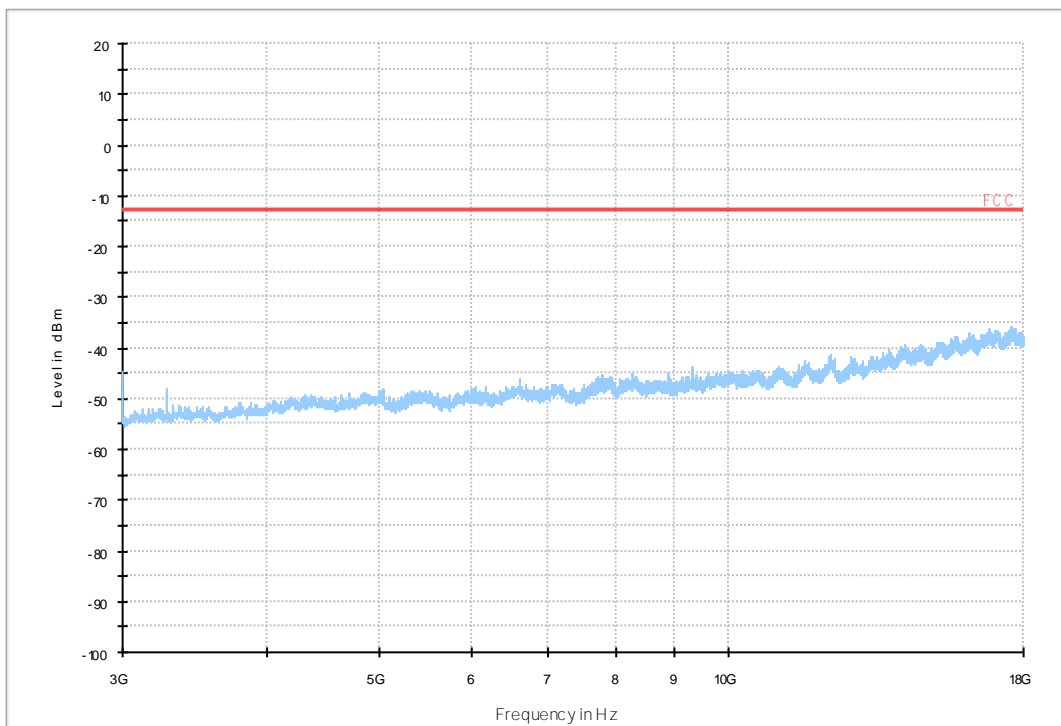


Band26/TM1\_Ant1 (adaptor + Wireless charging charger+ Wireless Charging Case) worst case

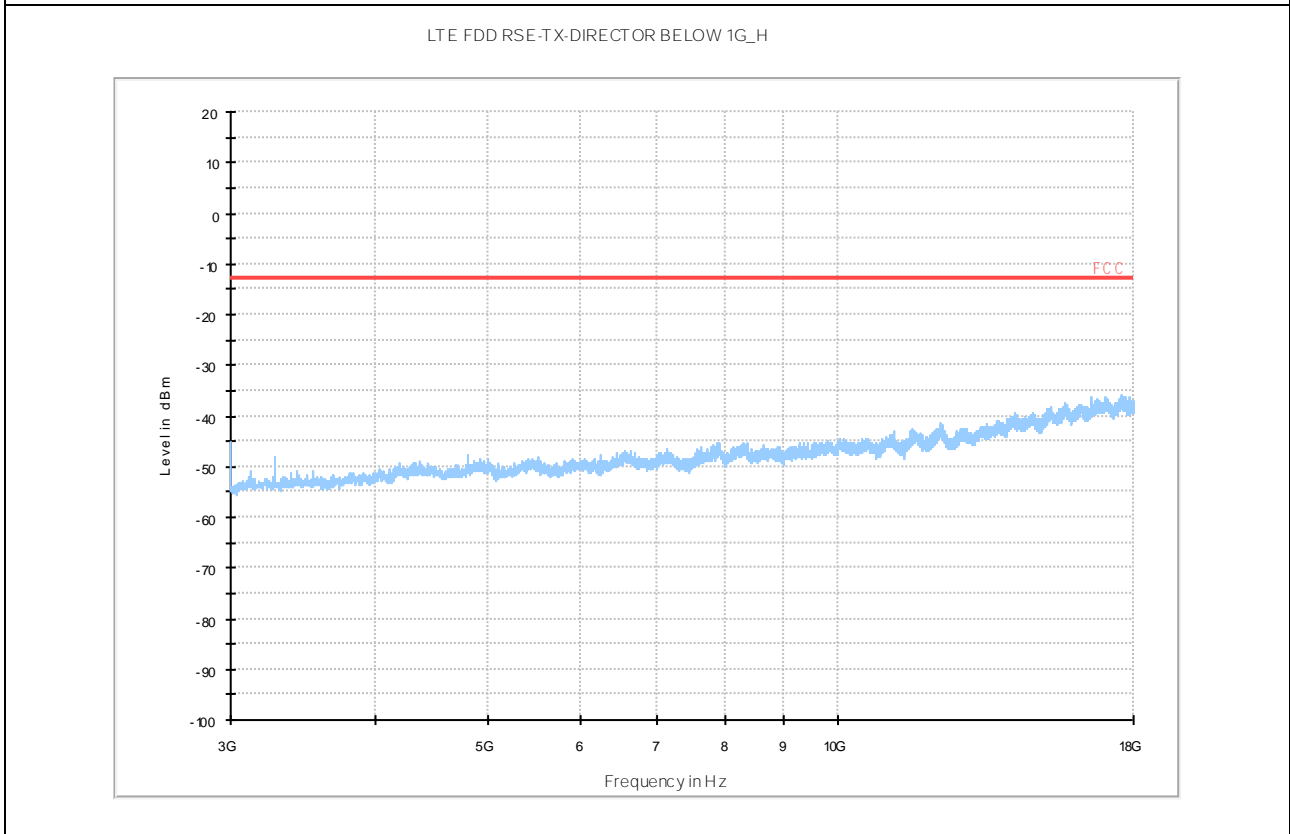
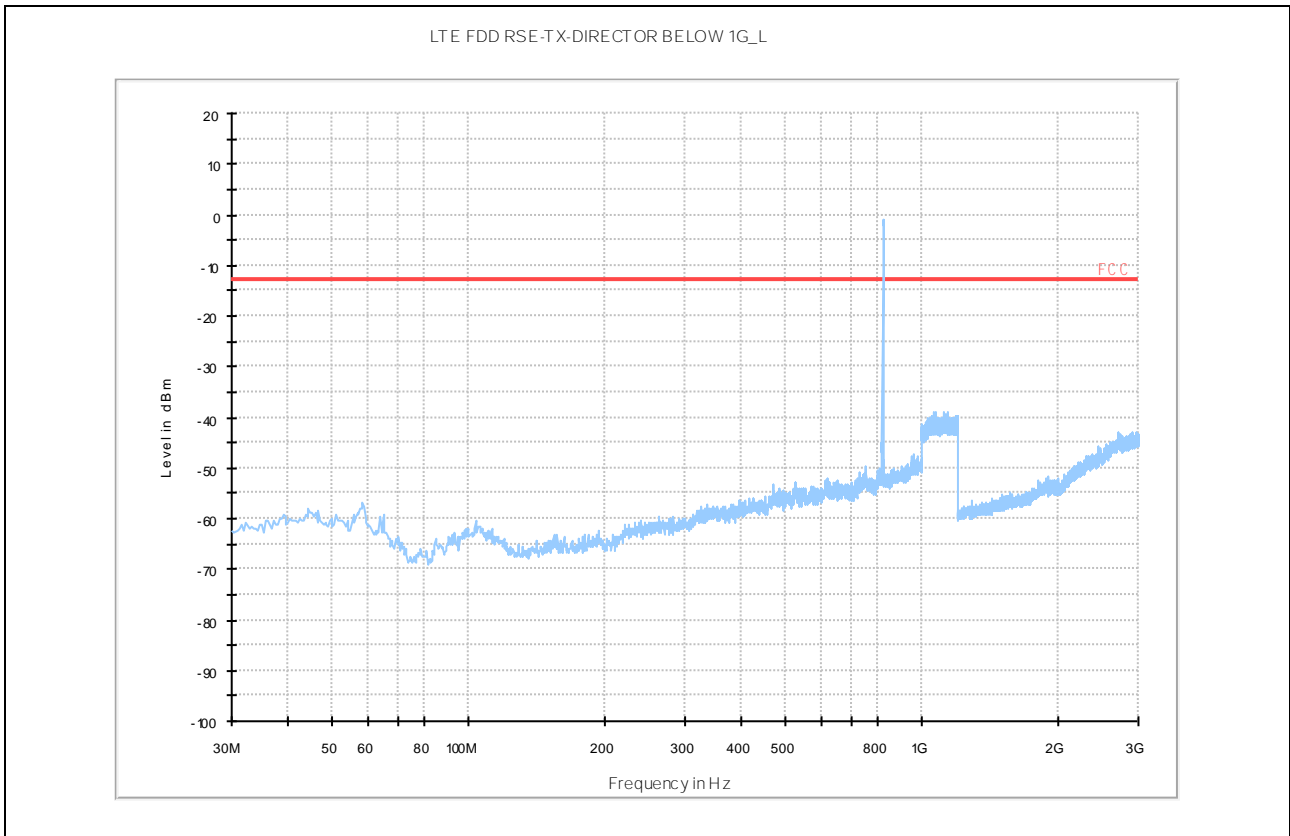
LTE FDD RSE-TX-DIRECTOR BELOW 1G\_L



LTE FDD RSE-TX-DIRECTOR BELOW 1G\_H



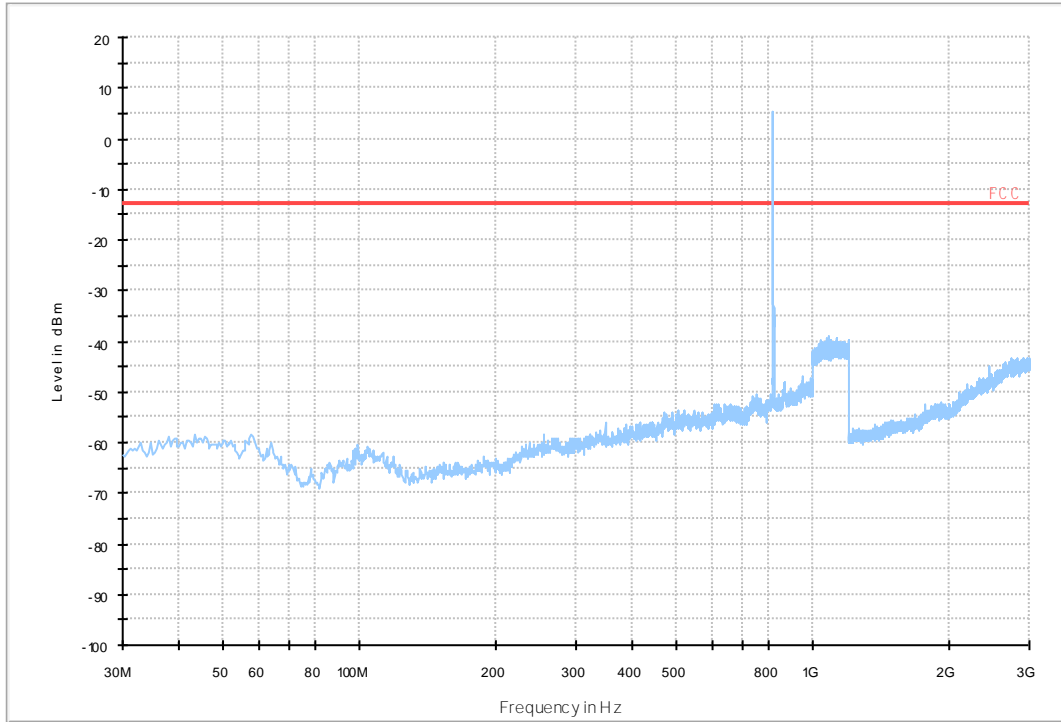
Band26/TM1\_Ant2 (adaptor + Wireless charging charger+ Wireless Charging Case) worst case



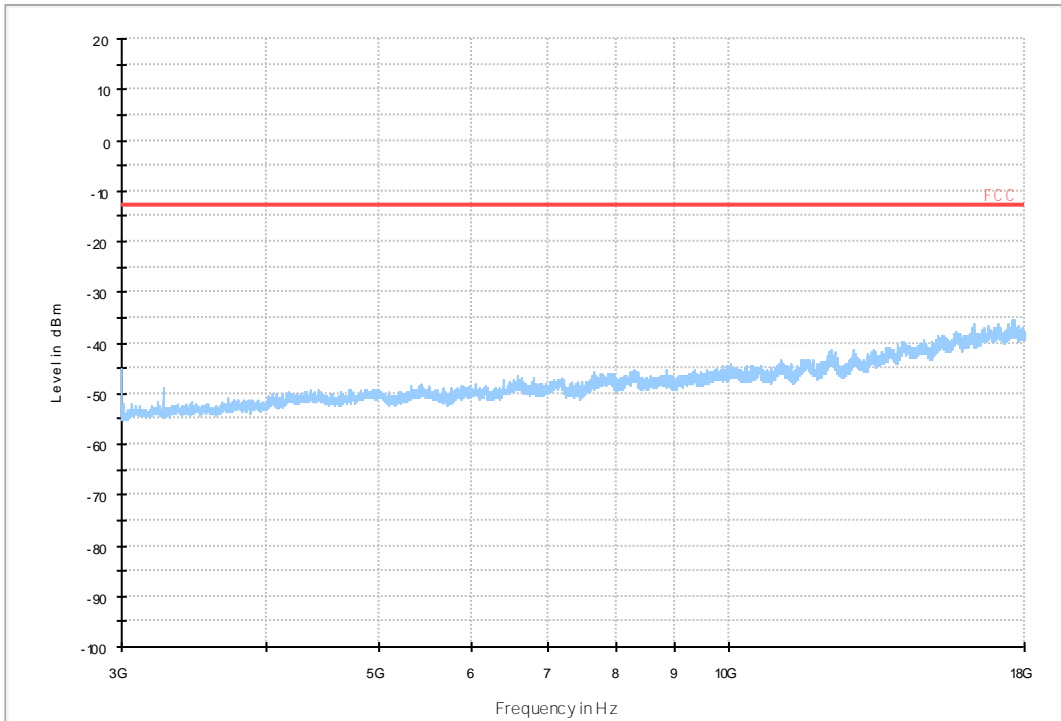
### 7.1.2.1 Test Bandwidth = 10

Band26/TM1\_Ant1(adaptor + Wireless Charging Case) worst case

LTE FDD RSE-TX-DIRECTOR BELOW 1G\_L

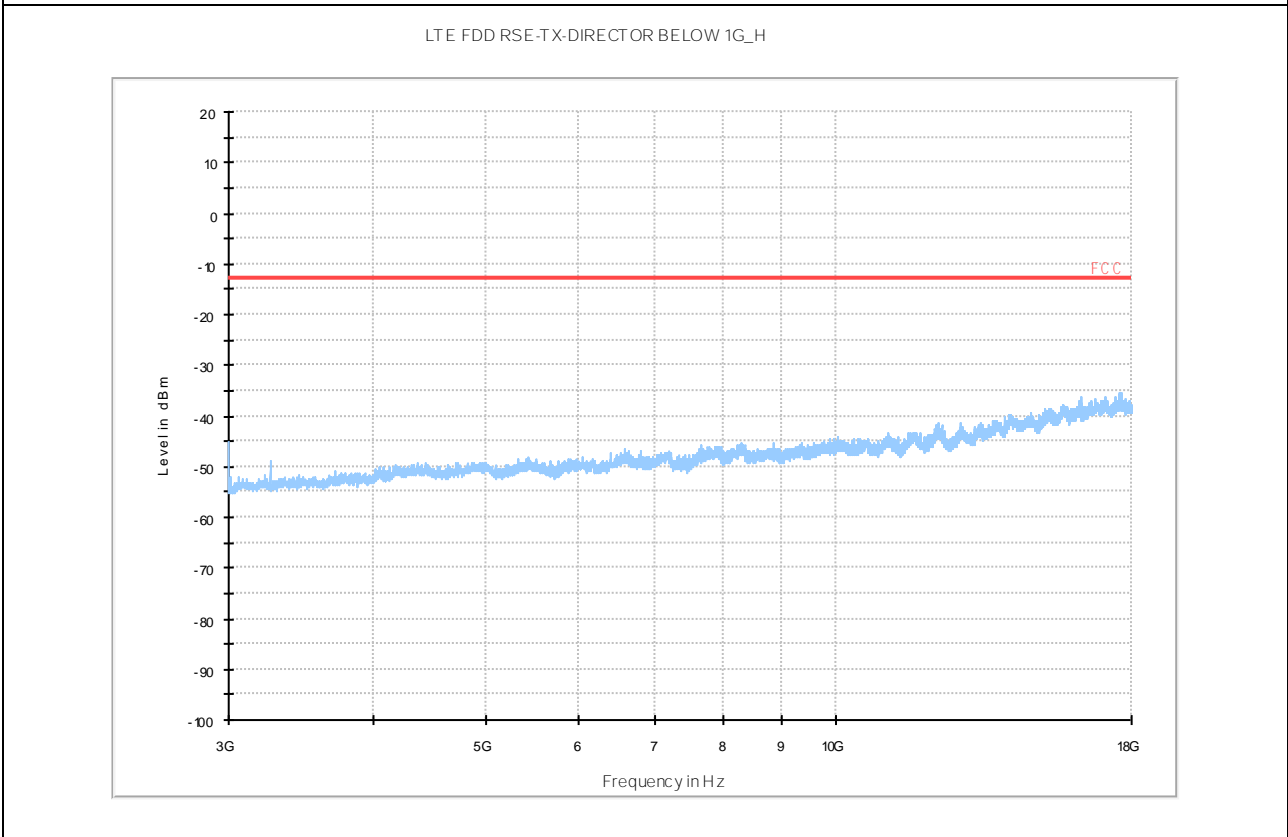
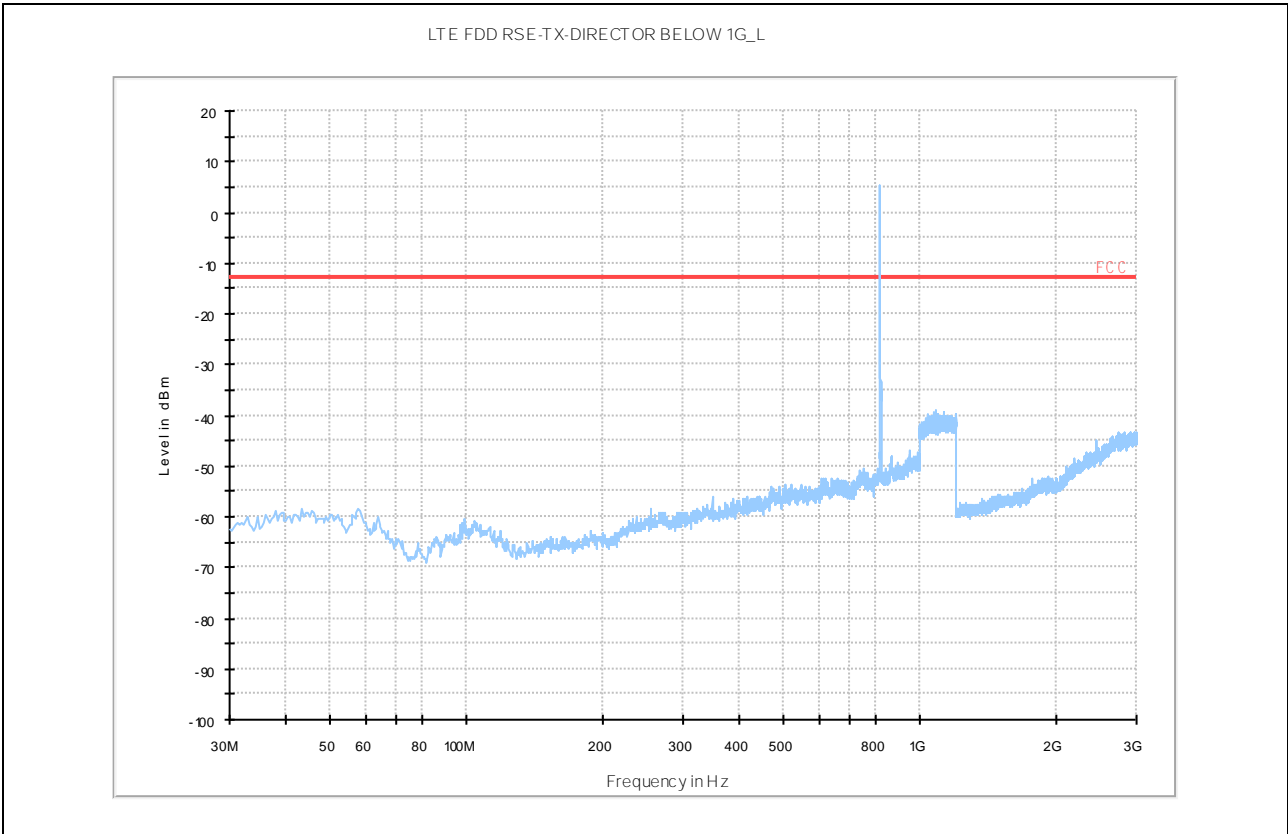


LTE FDD RSE-TX-DIRECTOR BELOW 1G\_H



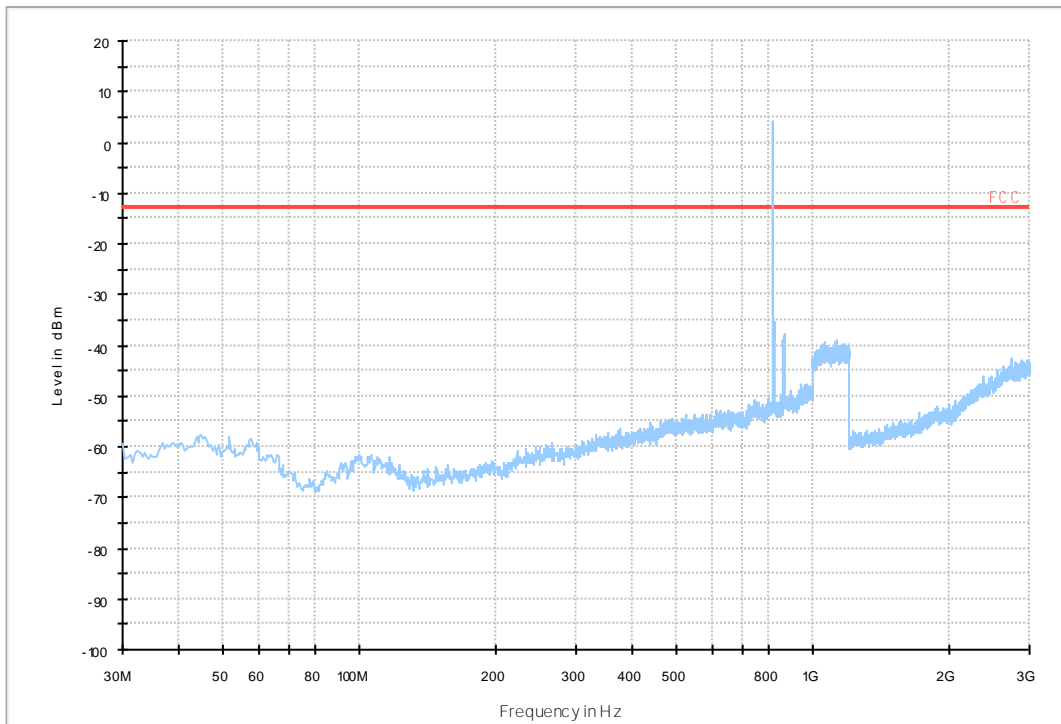
Band26/TM1\_Ant2(adaptor + Wireless Charging Case) worst case



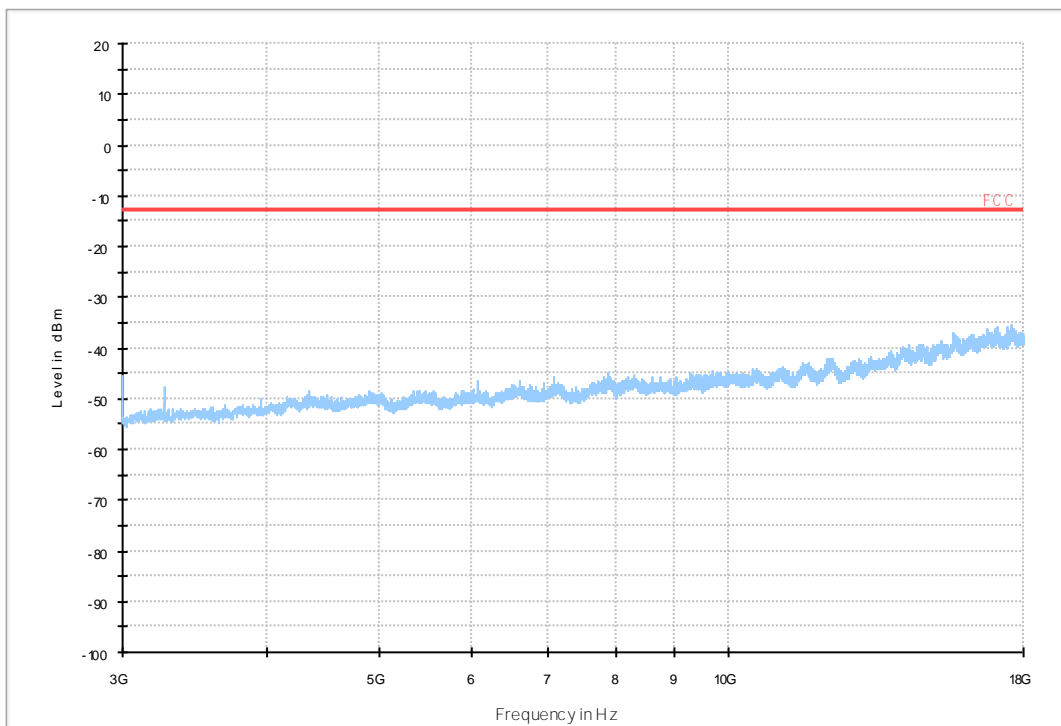


Band26/TM1\_Ant1 (adaptor + Wireless charging charger+ Wireless Charging Case) worst case

LTE FDD RSE-TX-DIRECTOR BELOW 1G\_L

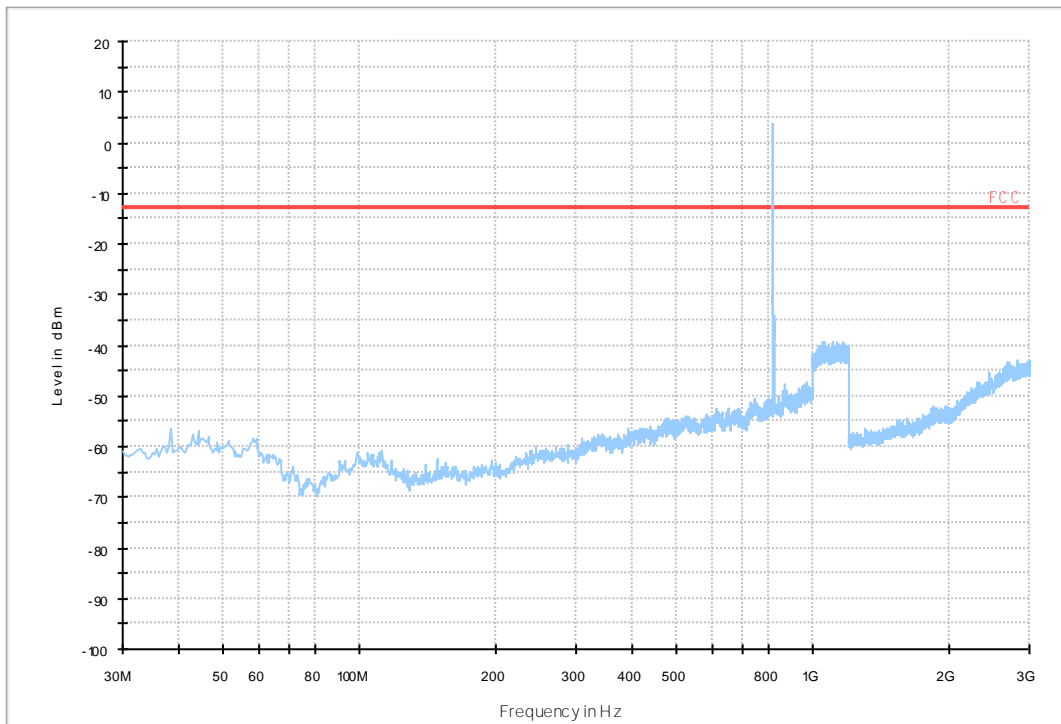


LTE FDD RSE-TX-DIRECTOR BELOW 1G\_H

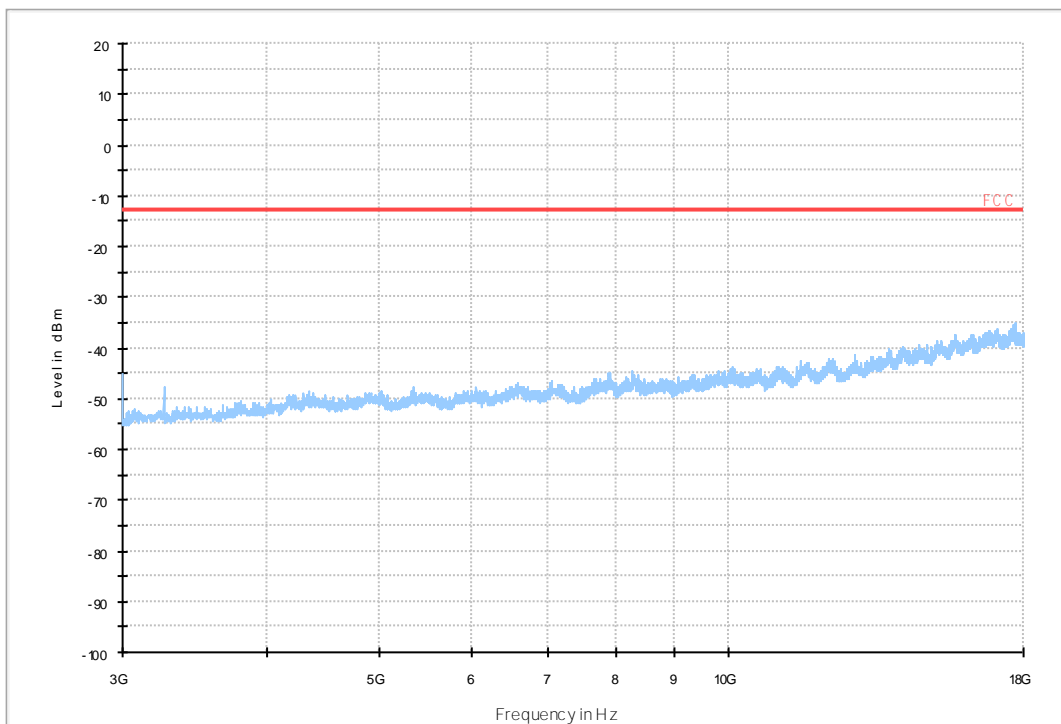


Band26/TM1\_Ant2 (adaptor + Wireless charging charger+ Wireless Charging Case) worst case

LTE FDD RSE-TX-DIRECTOR BELOW 1G\_L



LTE FDD RSE-TX-DIRECTOR BELOW 1G\_H





## 8Appendix\_H: Frequency Stability

### 8.1 For LTE

#### 8.1.1 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	
Band26(814-824 MHz)	LTE/TM1	1.4	LCH	TN	VL	-10.37121	-0.01273	PASS	
					VN	7.18117	0.00881	PASS	
					VH	-2.01702	-0.00248	PASS	
			MCH	TN	VL	-1.08719	-0.00133	PASS	
					VN	-3.30448	-0.00403	PASS	
					VH	-4.03404	-0.00493	PASS	
			HCH	TN	VL	-0.15736	-0.00019	PASS	
					VN	-8.96931	-0.01089	PASS	
					VH	-2.83241	-0.00344	PASS	
		3	LCH	TN	VL	-3.34740	-0.00410	PASS	
					VN	-3.26157	-0.00400	PASS	
					VH	-4.56333	-0.00560	PASS	
			MCH	TN	VL	-0.17166	-0.00021	PASS	
					VN	-1.15871	-0.00141	PASS	
					VH	0.92983	0.00114	PASS	
			HCH	TN	VL	-3.26157	-0.00397	PASS	
					VN	-7.30991	-0.00889	PASS	
					VH	-2.80380	-0.00341	PASS	
		5	LCH	TN	VL	-5.30720	-0.00650	PASS	
					VN	-5.33581	-0.00653	PASS	
					VH	-2.53200	-0.00310	PASS	
			MCH	TN	VL	-0.78678	-0.00096	PASS	
					VN	-1.13010	-0.00138	PASS	
					VH	-0.67234	-0.00082	PASS	
			HCH	TN	VL	-1.54495	-0.00188	PASS	
					VN	-1.15871	-0.00141	PASS	
					VH	-1.18732	-0.00145	PASS	
		10	MCH	TN	VL	0.54359	0.00066	PASS	
					VN	-2.83241	-0.00346	PASS	
					VH	-0.62943	-0.00077	PASS	
		LTE/TM2	1.4	LCH	TN	VL	-8.46863	-0.01039	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-6.58035	-0.00808	PASS
					VH	-7.16686	-0.00880	PASS
			MCH	TN	VL	5.83649	0.00713	PASS
					VN	-0.28610	-0.00035	PASS
					VH	0.30041	0.00037	PASS
			HCH	TN	VL	-0.40054	-0.00049	PASS
		VN			-5.07832	-0.00617	PASS	
		VH			-2.36034	-0.00287	PASS	
		3	LCH	TN	VL	-4.87804	-0.00598	PASS
					VN	-5.12123	-0.00628	PASS
					VH	-4.63486	-0.00568	PASS
			MCH	TN	VL	-1.23024	-0.00150	PASS
					VN	0.61512	0.00075	PASS
					VH	-4.04835	-0.00494	PASS
			HCH	TN	VL	0.37193	0.00045	PASS
					VN	-3.94821	-0.00480	PASS
					VH	-1.61648	-0.00197	PASS
		5	LCH	TN	VL	-0.51498	-0.00063	PASS
					VN	-6.88076	-0.00843	PASS
					VH	-2.10285	-0.00258	PASS
			MCH	TN	VL	1.47343	0.00180	PASS
					VN	-2.36034	-0.00288	PASS
					VH	-0.85831	-0.00105	PASS
			HCH	TN	VL	0.35763	0.00044	PASS
					VN	-4.00543	-0.00488	PASS
					VH	0.40054	0.00049	PASS
		10	MCH	TN	VL	0.17166	0.00021	PASS
					VN	-0.44346	-0.00054	PASS
					VH	-1.97411	-0.00241	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 MHz)	LTE/TM1	1.4	LCH	VN	-30	-8.13961	-0.00999	PASS
					-20	-2.61784	-0.00321	PASS
					-10	15.14912	0.01859	PASS





Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					0	-9.72748	-0.01194	PASS	
					10	-28.33843	-0.03478	PASS	
					20	7.18117	0.00881	PASS	
					30	10.65731	0.01308	PASS	
					40	0.60081	0.00074	PASS	
					50	0.38624	0.00047	PASS	
			MCH	VN	-30	-4.03404	-0.00493	PASS	
					-20	-16.30783	-0.01991	PASS	
					-10	-1.68800	-0.00206	PASS	
					0	-10.17094	-0.01242	PASS	
					10	-4.10557	-0.00501	PASS	
					20	-3.30448	-0.00403	PASS	
					30	3.11851	0.00381	PASS	
					40	4.10557	0.00501	PASS	
			HCH	VN	-30	-8.11100	-0.00985	PASS	
					-20	-7.83920	-0.00952	PASS	
					-10	-4.83513	-0.00587	PASS	
					0	-3.93391	-0.00478	PASS	
					10	-3.34740	-0.00407	PASS	
					20	-8.96931	-0.01089	PASS	
					30	-2.83241	-0.00344	PASS	
					40	-5.83649	-0.00709	PASS	
			3	LCH	VN	50	3.34740	0.00407	PASS
						-30	-3.07560	-0.00377	PASS
						-20	-5.32150	-0.00653	PASS
						-10	-8.35419	-0.01024	PASS
						0	-3.23296	-0.00396	PASS
						10	-3.01838	-0.00370	PASS
						20	-3.26157	-0.00400	PASS
				30	-3.03268	-0.00372	PASS		
				40	-5.57899	-0.00684	PASS		
				50	-3.43323	-0.00421	PASS		
				MCH	VN	-30	-0.14305	-0.00017	PASS
						-20	-3.59058	-0.00438	PASS
						-10	-4.26292	-0.00521	PASS
						0	-2.56062	-0.00313	PASS
			10			-2.27451	-0.00278	PASS	
			20			-1.15871	-0.00141	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-1.13010	-0.00138	PASS
					40	0.08583	0.00010	PASS
					50	1.11580	0.00136	PASS
			HCH	VN	-30	-2.40326	-0.00292	PASS
					-20	-6.27994	-0.00764	PASS
					-10	-2.36034	-0.00287	PASS
					0	-4.60625	-0.00560	PASS
					10	-8.03947	-0.00977	PASS
					20	-7.30991	-0.00889	PASS
					30	-4.23431	-0.00515	PASS
					40	-1.35899	-0.00165	PASS
					50	-3.41892	-0.00416	PASS
			LCH	VN	-30	-4.43459	-0.00543	PASS
					-20	-3.00407	-0.00368	PASS
					-10	-4.01974	-0.00492	PASS
					0	-3.93391	-0.00482	PASS
					10	-4.16279	-0.00510	PASS
					20	-5.33581	-0.00653	PASS
		30			-0.22888	-0.00028	PASS	
		40			-2.67506	-0.00328	PASS	
		50			-2.67506	-0.00328	PASS	
		MCH	VN	-30	-2.08855	-0.00255	PASS	
				-20	-1.85966	-0.00227	PASS	
				-10	-0.04292	-0.00005	PASS	
				0	-1.37329	-0.00168	PASS	
				10	-0.71526	-0.00087	PASS	
				20	-1.13010	-0.00138	PASS	
				30	-3.29018	-0.00402	PASS	
				40	-3.87669	-0.00473	PASS	
				50	0.27180	0.00033	PASS	
		HCH	VN	-30	-5.65052	-0.00688	PASS	
				-20	-3.71933	-0.00453	PASS	
				-10	-4.14848	-0.00505	PASS	
				0	-4.60625	-0.00561	PASS	
				10	-5.69344	-0.00693	PASS	
				20	-1.15871	-0.00141	PASS	
30	-3.69072			-0.00449	PASS			
40	-2.13146			-0.00259	PASS			
50	-7.86781			-0.00958	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	10	MCH	VN	-30	-1.74522	-0.00213	PASS
					-20	-5.00679	-0.00611	PASS
					-10	-2.04563	-0.00250	PASS
					0	0.97275	0.00119	PASS
					10	0.44346	0.00054	PASS
					20	-2.83241	-0.00346	PASS
					30	-1.45912	-0.00178	PASS
					40	-2.27451	-0.00278	PASS
					50	-0.25749	-0.00031	PASS
		1.4	LCH	VN	-30	-3.14712	-0.00386	PASS
					-20	-3.04699	-0.00374	PASS
					-10	-24.96243	-0.03064	PASS
					0	-10.12802	-0.01243	PASS
					10	-3.66211	-0.00450	PASS
					20	-6.58035	-0.00808	PASS
					30	-5.97954	-0.00734	PASS
					40	-50.09651	-0.06149	PASS
					50	-6.23703	-0.00766	PASS
	1.4	MCH	VN	-30	-4.33445	-0.00529	PASS	
				-20	-8.72612	-0.01065	PASS	
				-10	4.72069	0.00576	PASS	
				0	-32.84454	-0.04010	PASS	
				10	-4.24862	-0.00519	PASS	
				20	-0.28610	-0.00035	PASS	
				30	4.34875	0.00531	PASS	
				40	-2.43187	-0.00297	PASS	
				50	-9.12666	-0.01114	PASS	
	1.4	HCH	VN	-30	5.07832	0.00617	PASS	
				-20	-3.64780	-0.00443	PASS	
				-10	-4.01974	-0.00488	PASS	
				0	-2.03133	-0.00247	PASS	
				10	-4.54903	-0.00553	PASS	
				20	-5.07832	-0.00617	PASS	
				30	-6.17981	-0.00751	PASS	
				40	-8.88348	-0.01079	PASS	
				50	0.10014	0.00012	PASS	
3	LCH	VN	-30	-5.30720	-0.00651	PASS		
			-20	-2.31743	-0.00284	PASS		
			-10	-7.19547	-0.00882	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					0	-5.99384	-0.00735	PASS			
					10	-4.06265	-0.00498	PASS			
					20	-5.12123	-0.00628	PASS			
					30	-4.32015	-0.00530	PASS			
					40	-3.61919	-0.00444	PASS			
					50	-2.77519	-0.00340	PASS			
			MCH	VN	-30	-0.95844	-0.00117	PASS			
					-20	-2.33173	-0.00285	PASS			
					-10	-1.74522	-0.00213	PASS			
					0	-6.06537	-0.00741	PASS			
					10	-1.93119	-0.00236	PASS			
					20	0.61512	0.00075	PASS			
					30	-0.34332	-0.00042	PASS			
					40	-3.29018	-0.00402	PASS			
			HCH	VN	50	-4.07696	-0.00498	PASS			
					-30	-5.30720	-0.00645	PASS			
					-20	-2.10285	-0.00256	PASS			
					-10	-1.54495	-0.00188	PASS			
					0	-3.81947	-0.00464	PASS			
					10	-6.49452	-0.00790	PASS			
					20	-3.94821	-0.00480	PASS			
					30	-3.96252	-0.00482	PASS			
			LCH	VN	40	-3.69072	-0.00449	PASS			
					50	-2.11716	-0.00257	PASS			
					-30	-2.74658	-0.00336	PASS			
					-20	-3.67641	-0.00450	PASS			
					-10	-7.72476	-0.00946	PASS			
					0	-2.74658	-0.00336	PASS			
					10	-3.16143	-0.00387	PASS			
					20	-6.88076	-0.00843	PASS			
					30	-6.58035	-0.00806	PASS			
					40	-0.28610	-0.00035	PASS			
			MCH	VN	50	-3.93391	-0.00482	PASS			
					-30	-4.57764	-0.00559	PASS			
					-20	-1.15871	-0.00141	PASS			
					-10	-5.32150	-0.00650	PASS			
					0	-1.63078	-0.00199	PASS			
					10	-1.77383	-0.00217	PASS			
								20	-2.36034	-0.00288	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					30	-2.93255	-0.00358	PASS			
					40	-1.90258	-0.00232	PASS			
					50	-1.78814	-0.00218	PASS			
			HCH	VN				-30	-2.81811	-0.00343	PASS
								-20	-3.51906	-0.00428	PASS
								-10	-1.28746	-0.00157	PASS
						0	-2.21729	-0.00270	PASS		
						10	-1.61648	-0.00197	PASS		
						20	-4.00543	-0.00488	PASS		
						30	-3.70503	-0.00451	PASS		
						40	-4.44889	-0.00542	PASS		
						50	-6.96659	-0.00848	PASS		
		MCH	VN	10				-30	-0.31471	-0.00038	PASS
								-20	-2.74658	-0.00335	PASS
								-10	-3.40462	-0.00416	PASS
					0	-2.93255	-0.00358	PASS			
					10	0.51498	0.00063	PASS			
					20	-0.44346	-0.00054	PASS			
					30	-1.98841	-0.00243	PASS			
					40	-0.75817	-0.00093	PASS			
					50	-1.30177	-0.00159	PASS			

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END