

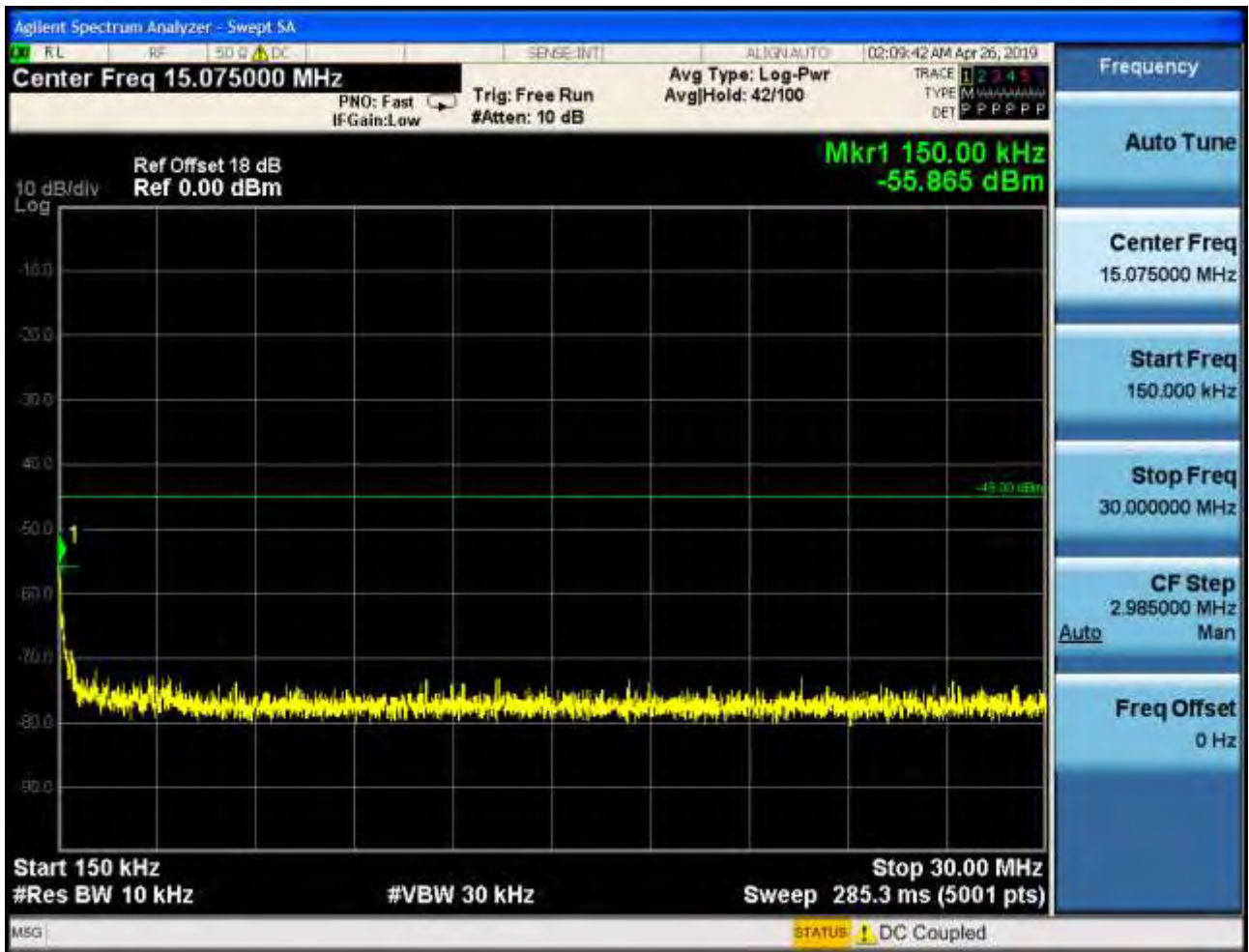


### 6.2.1.1.2 Test Bandwidth = 20+20

#### 6.2.1.1.2.1 Test Channel = LCH

##### 6.1.1.1.2.1.1 PCC Test RB = 1 # 0 & SCC Test RB = 0





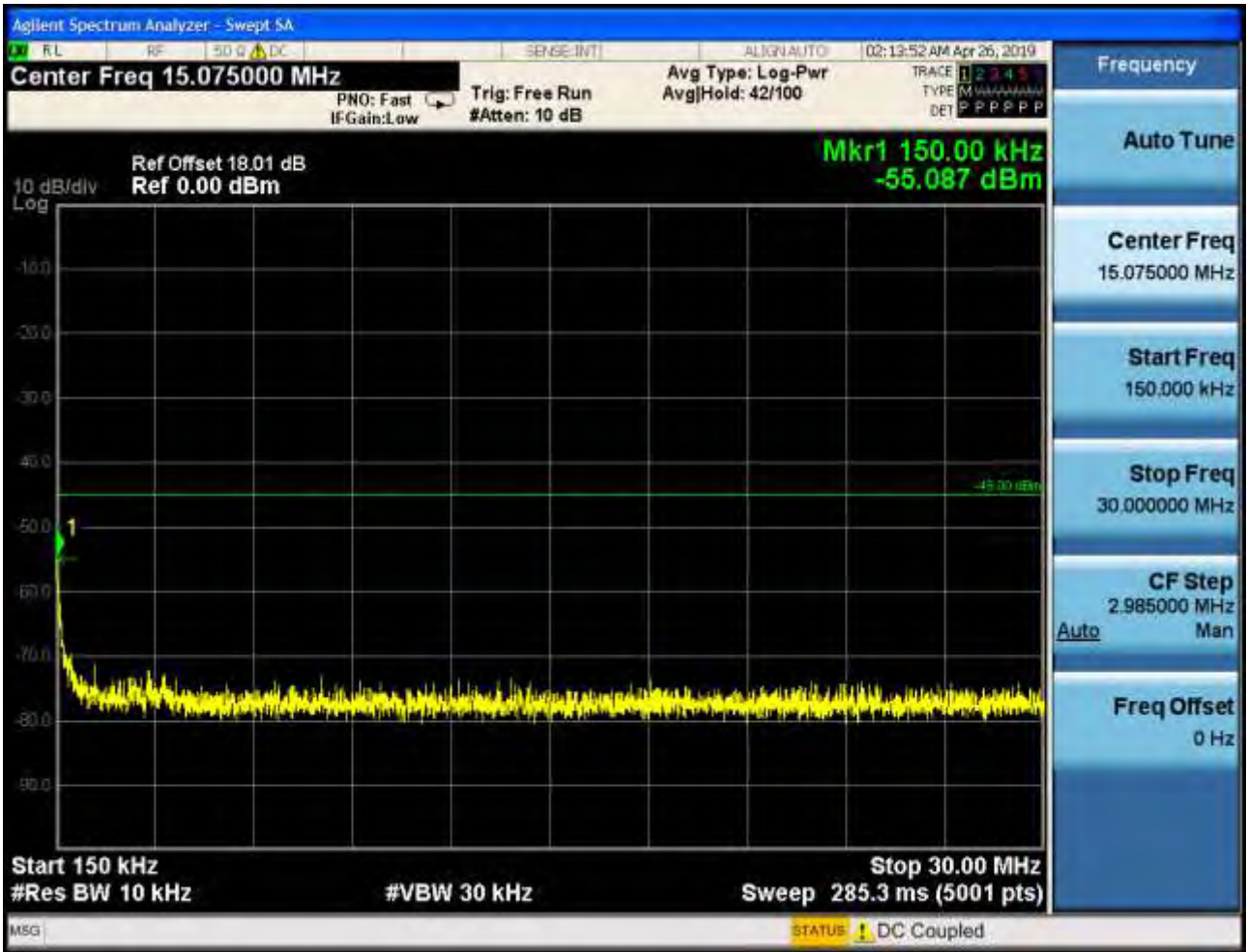




6.2.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 PCC Test RB = 1 # 0 & SCC Test RB = 0







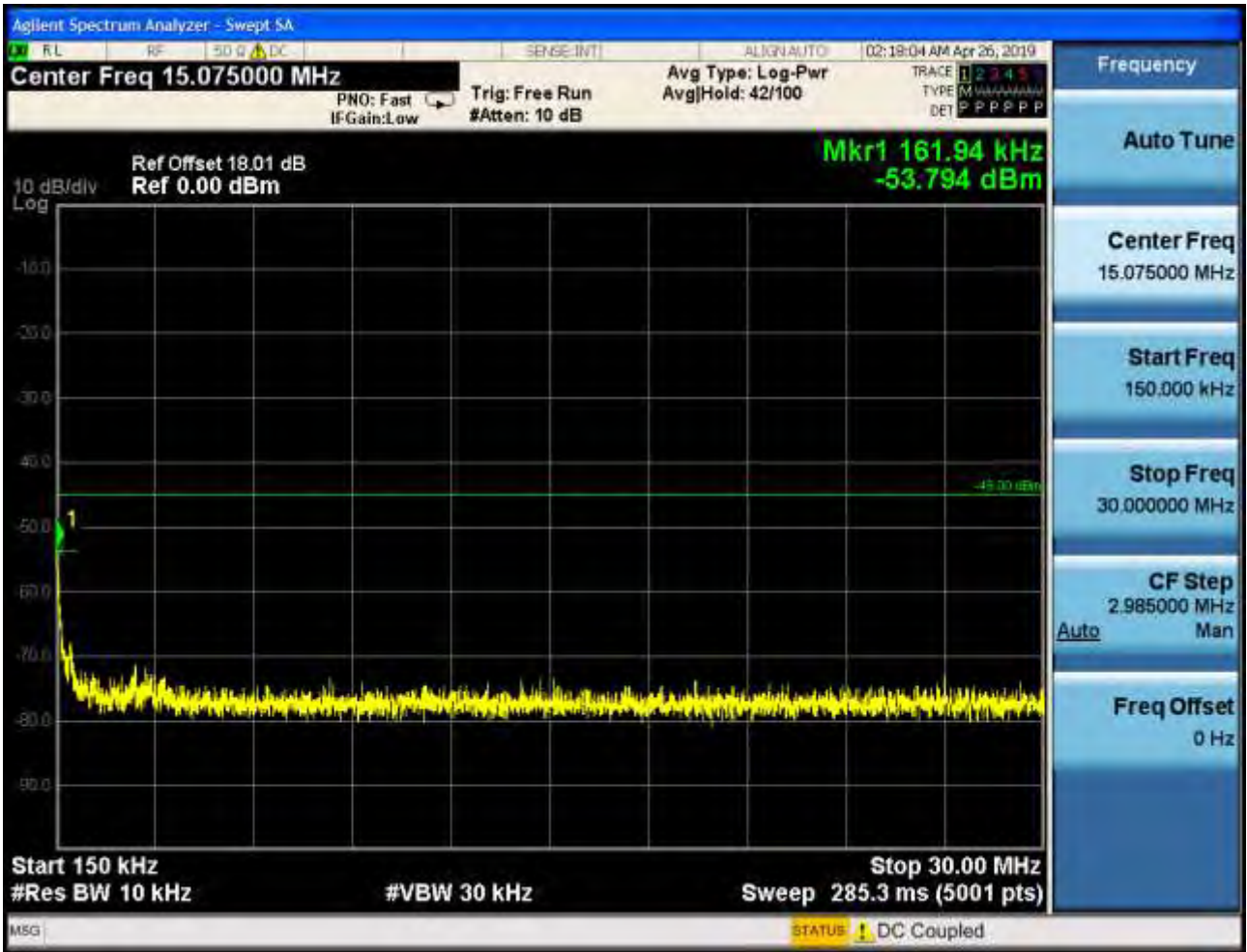


6.2.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 PCC Test RB = 1 # 0 & SCC Test RB = 0











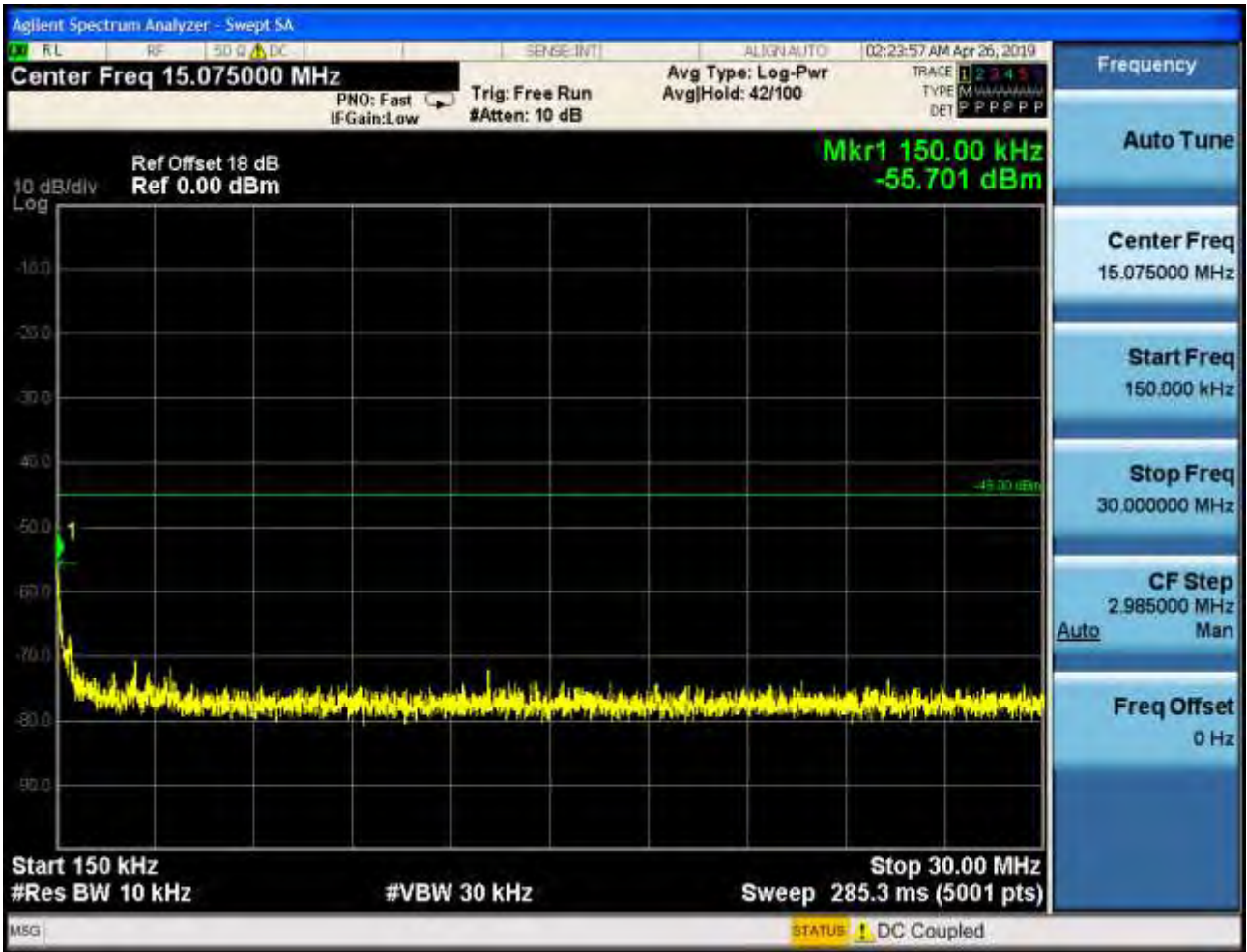
6.2.1.2 Test Mode = LTE/TM2

6.2.1.2.1 Test Bandwidth = 15+15

6.2.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 PCC Test RB = 1 # 0 & SCC Test RB = 0









6.2.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 PCC Test RB = 1 # 0 & SCC Test RB = 0





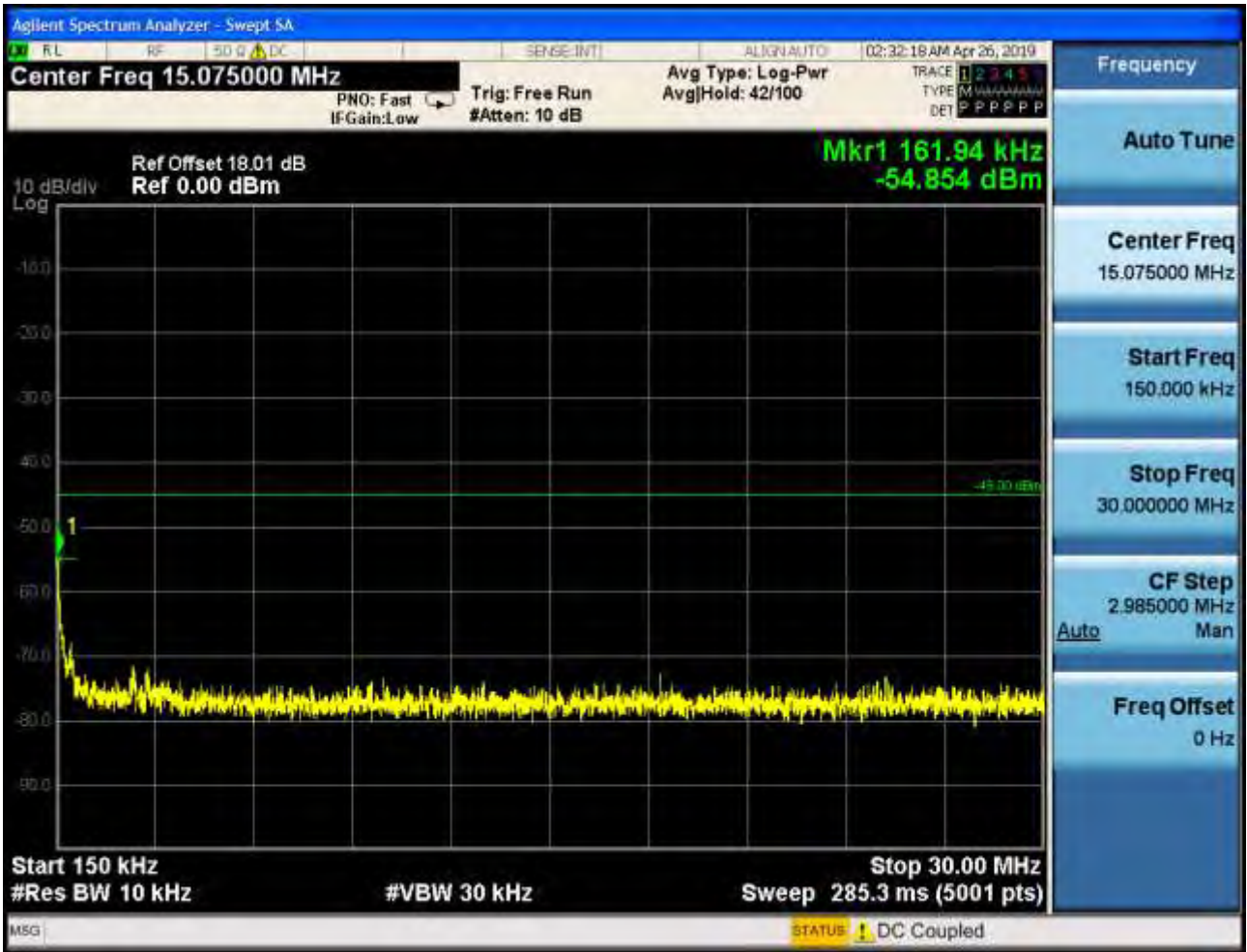




## 6.2.1.2.1.3 Test Channel = HCH

## 6.1.1.2.1.3.1 PCC Test RB = 1 # 0 &amp; SCC Test RB = 0









6.2.1.2.2 Test Bandwidth = 20+20

6.2.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 PCC Test RB = 1 # 0 & SCC Test RB = 0









6.2.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 PCC Test RB = 1 # 0 & SCC Test RB = 0











6.2.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 PCC Test RB = 1 # 0 & SCC Test RB = 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

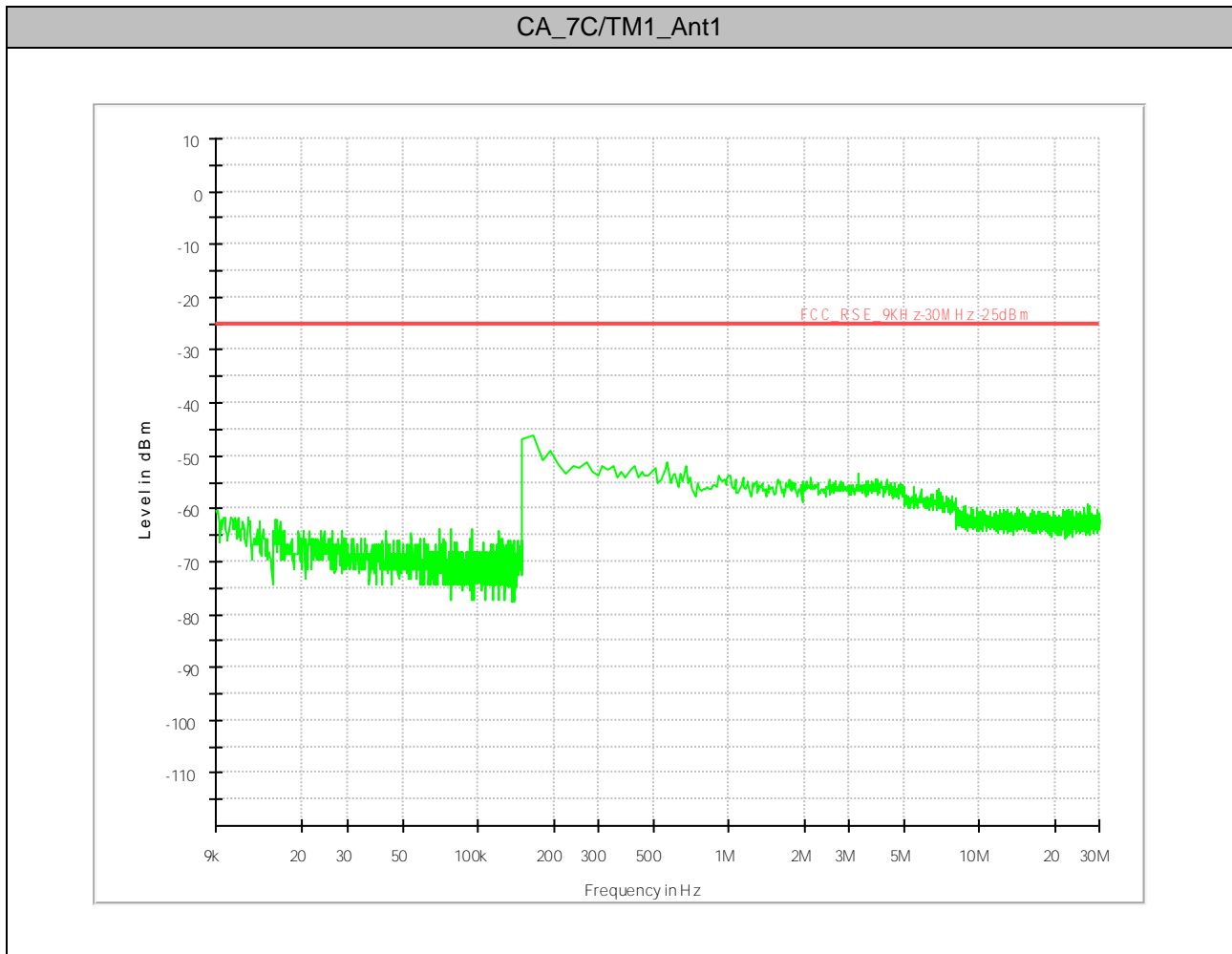
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

### Part I - Test Plots

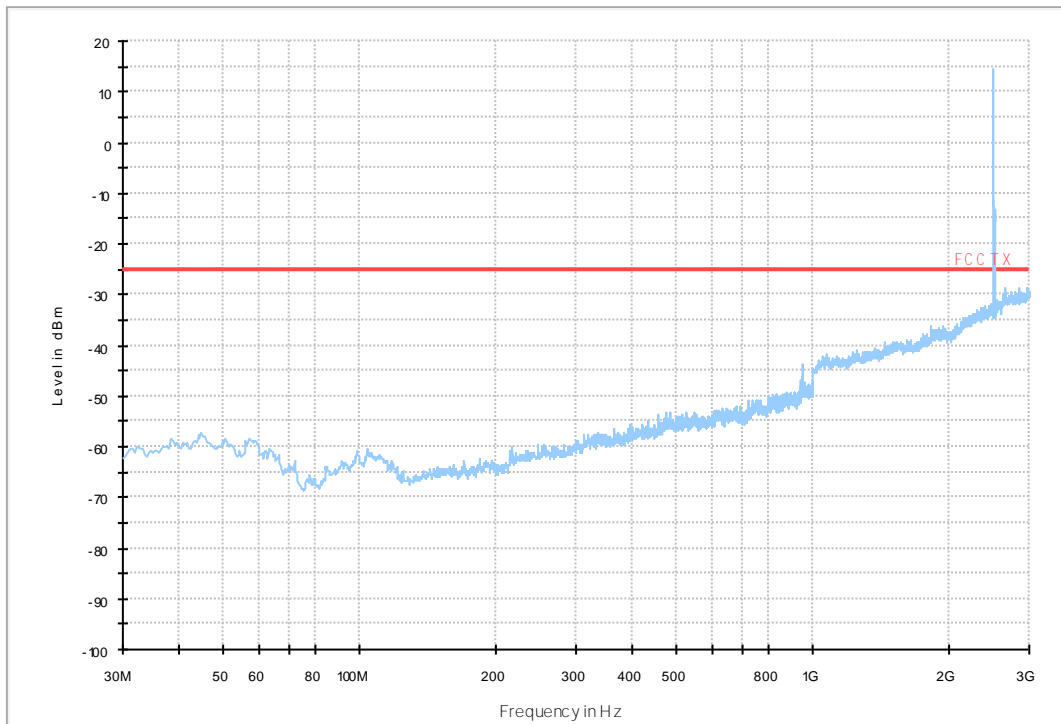
#### 7.1 For LTE

##### 7.1.1 Test Band = CA\_7C

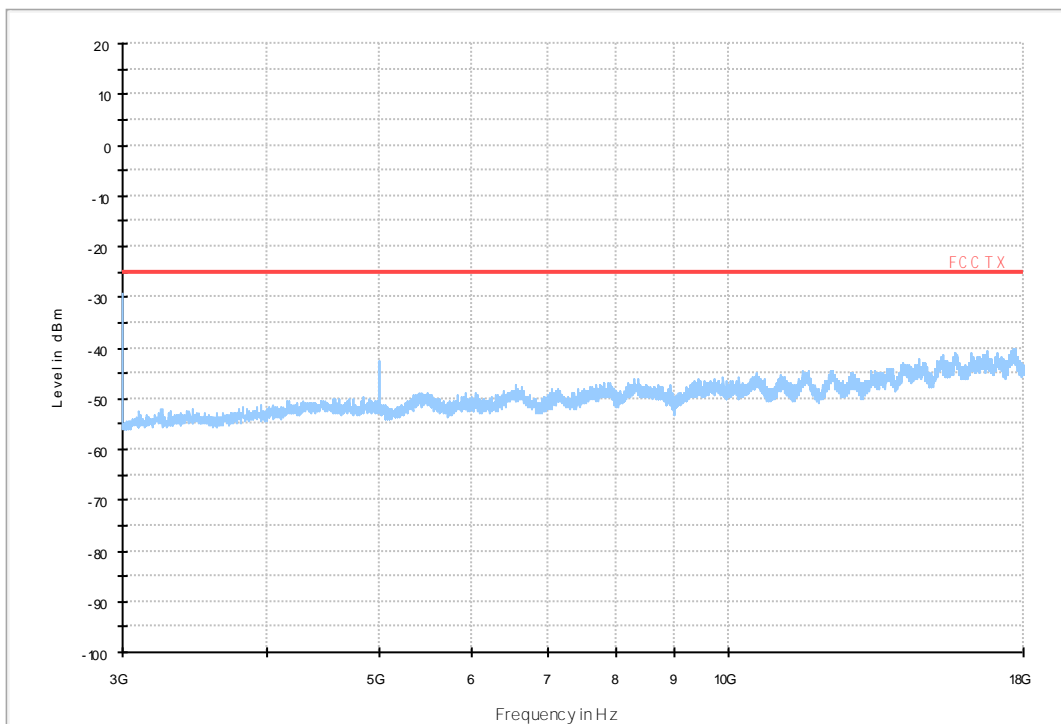
##### 7.1.1.1 Test Bandwidth = 15+15



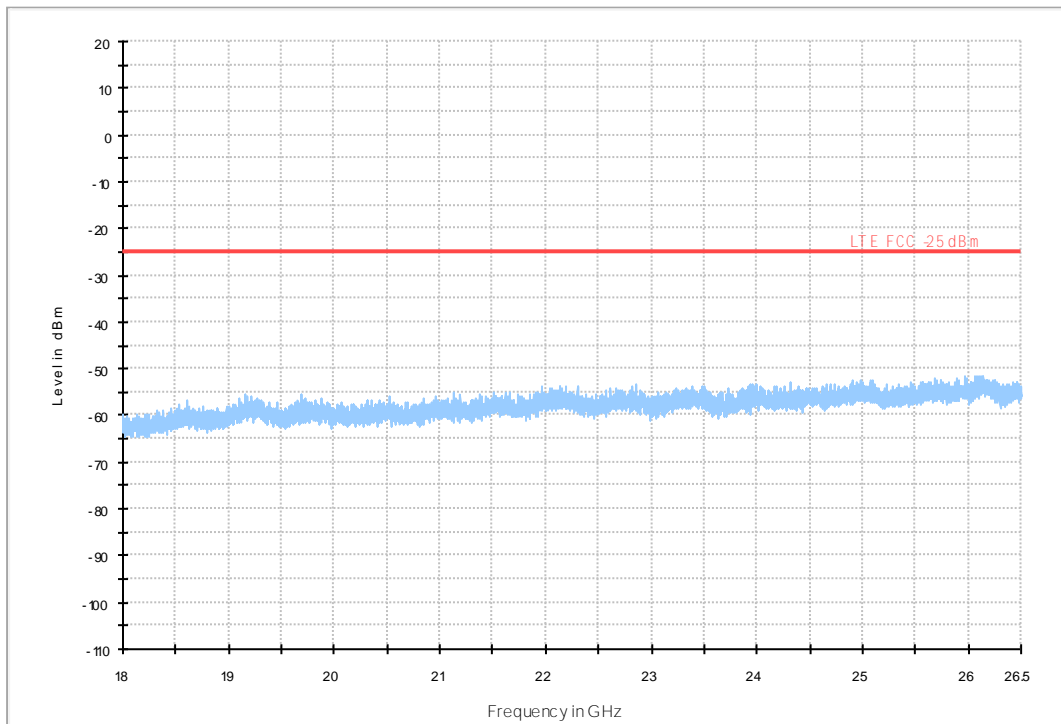
LTE Band 7 RSE-TX-DIRECTOR ABOVE 1.5G\_L -25dBm limit



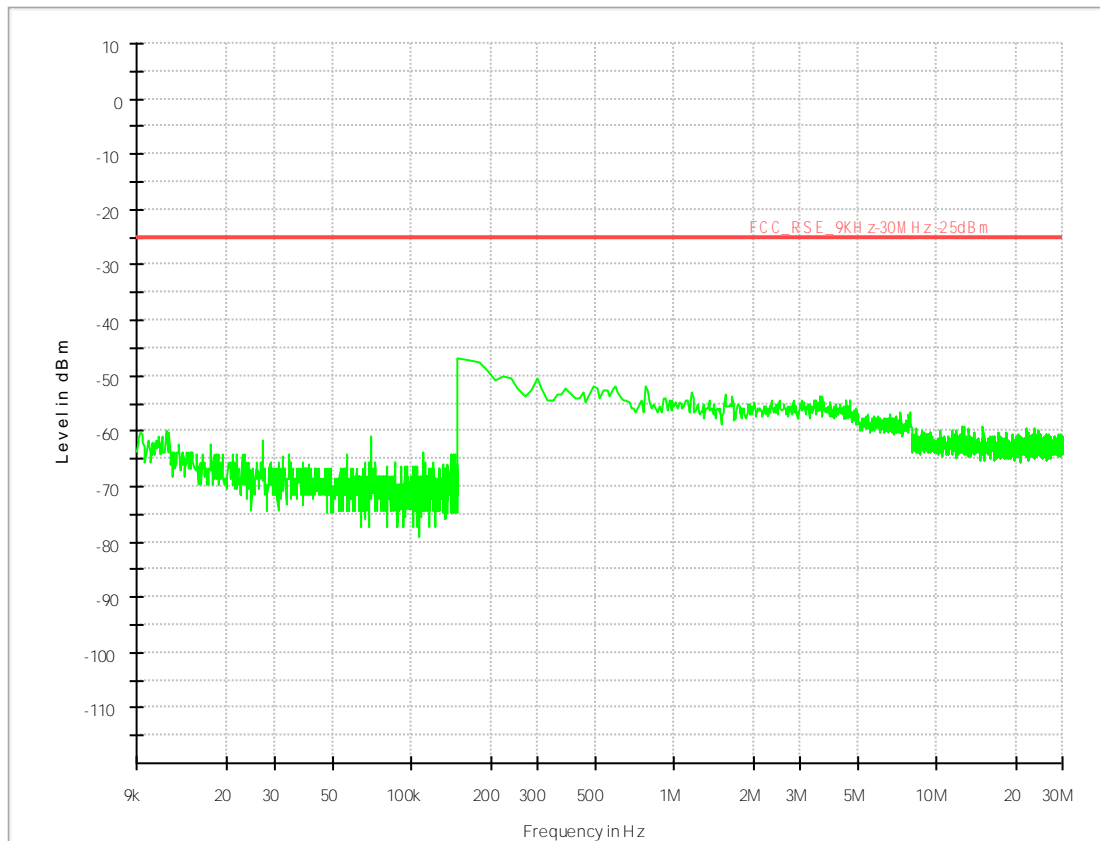
LTE FDD Band 7 RSE-TX-DIRECTOR ABOVE 1.5G\_H -25dBm limit



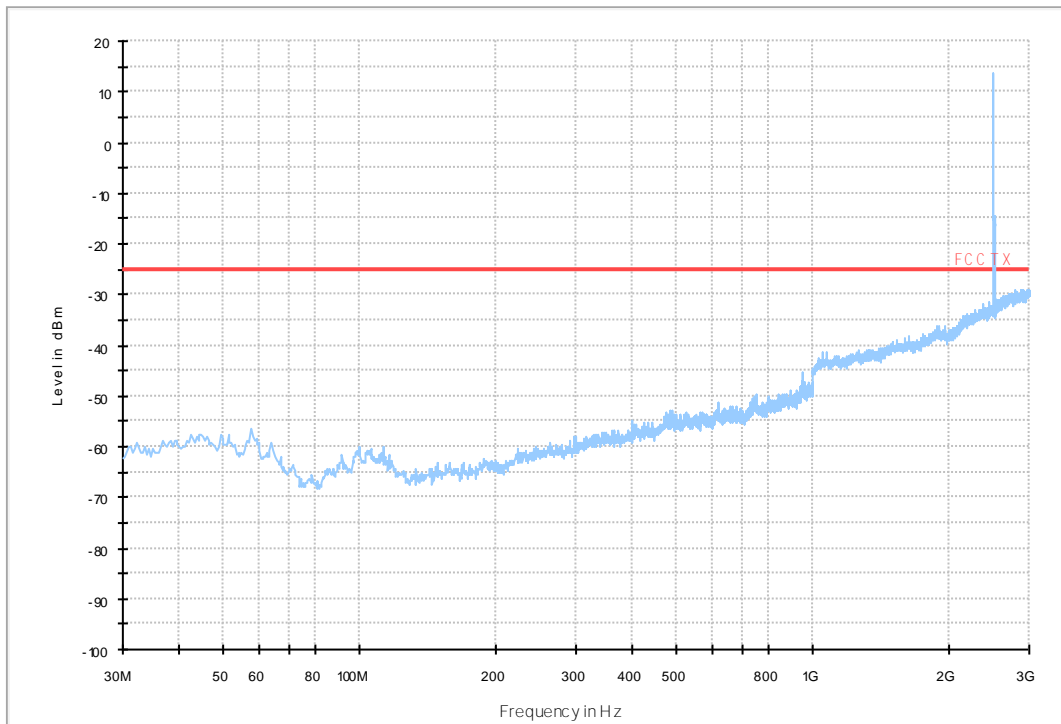
Copy of FCC18-265G



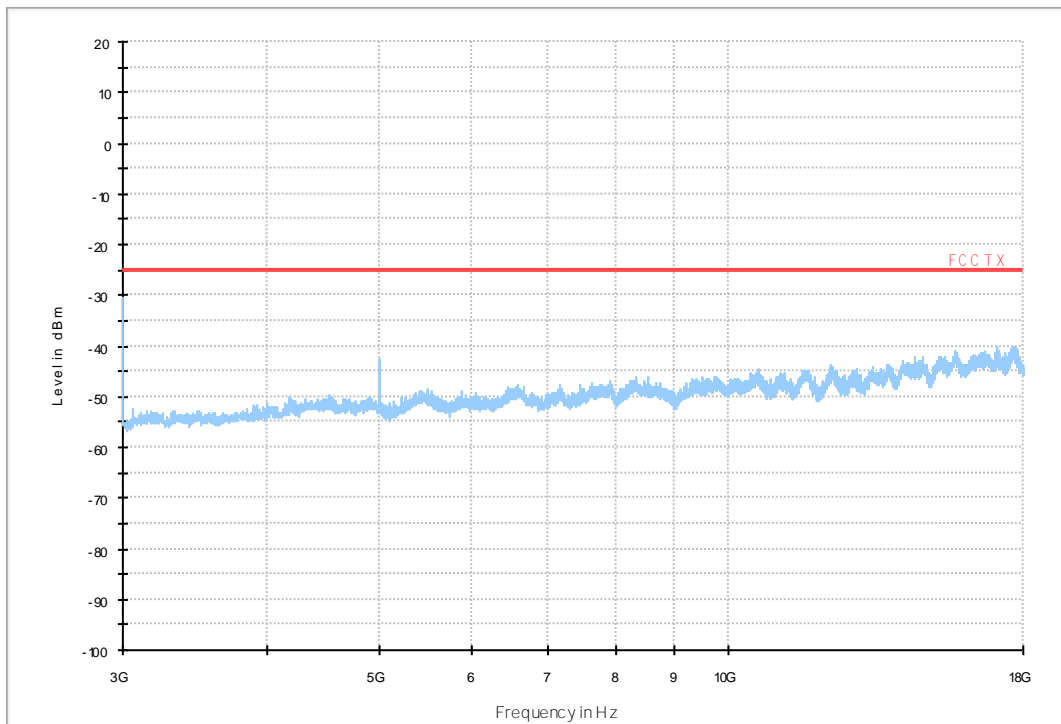
CA\_7C/TM1\_Ant2



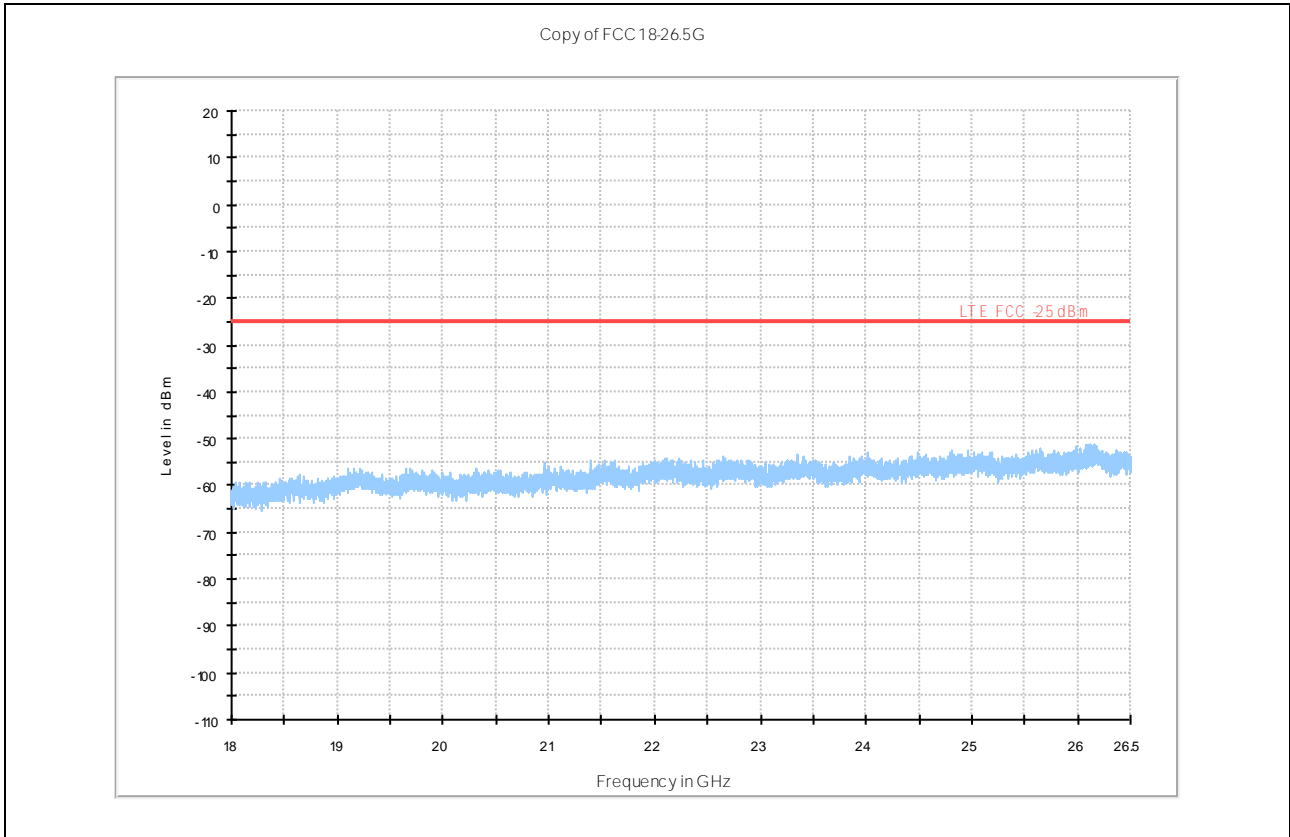
LTE Band 7 RSE-TX-DIRECTOR ABOVE 1.5G\_L -25dBm limit



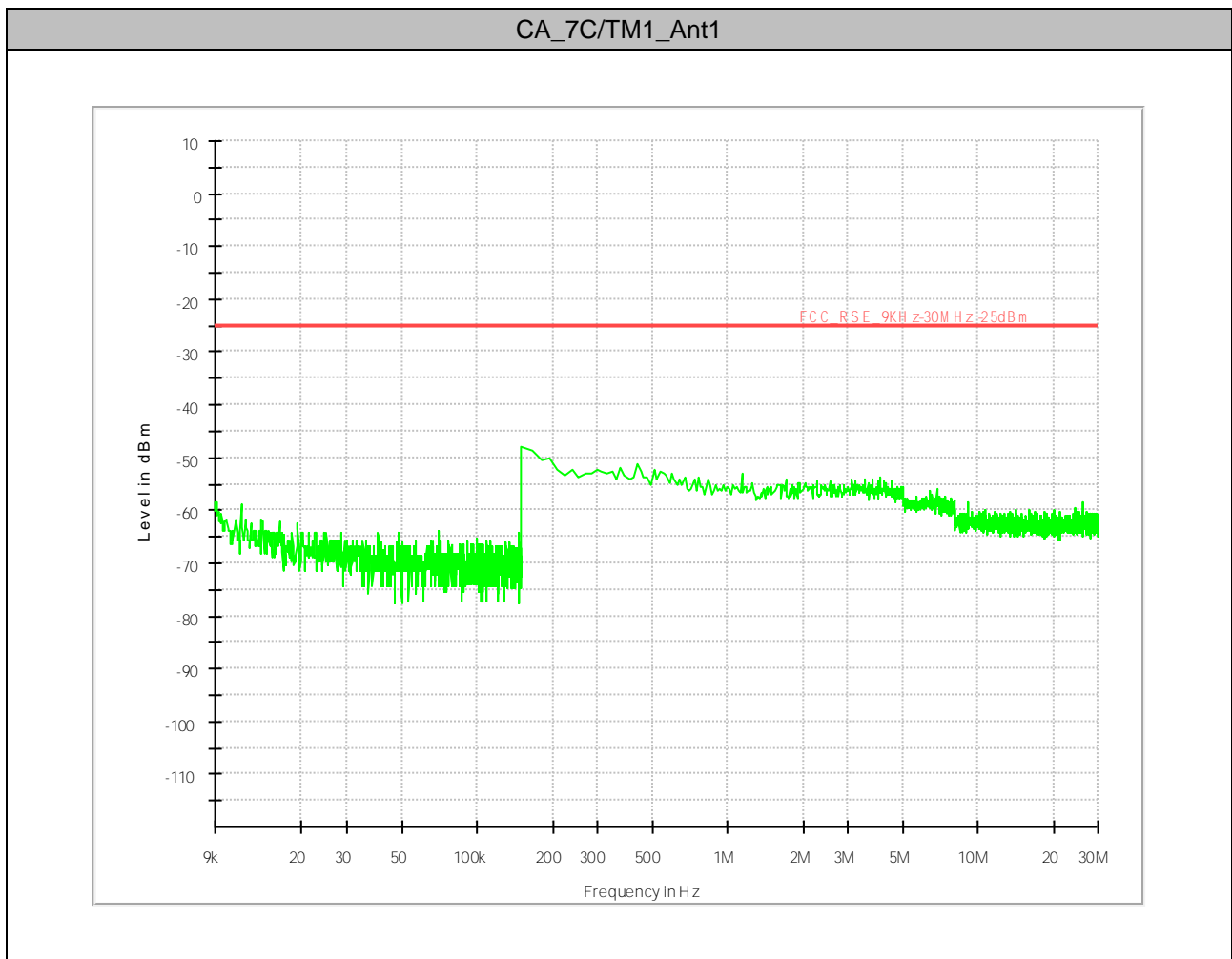
LTE FDD Band 7 RSE-TX-DIRECTOR ABOVE 1.5G\_H -25dBm limit



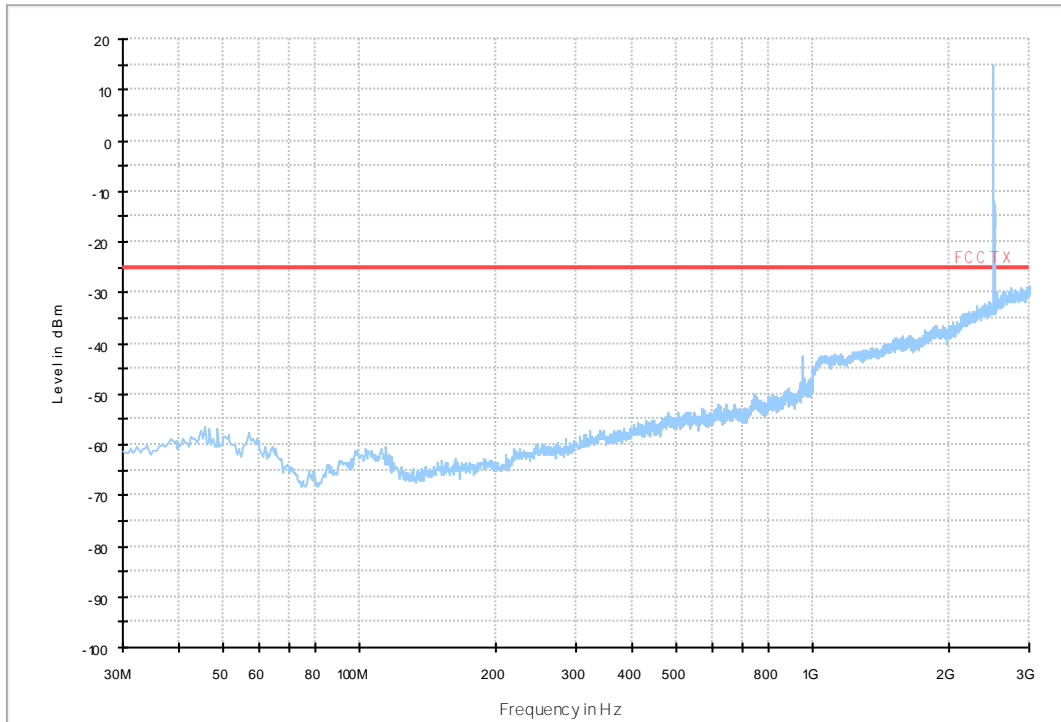




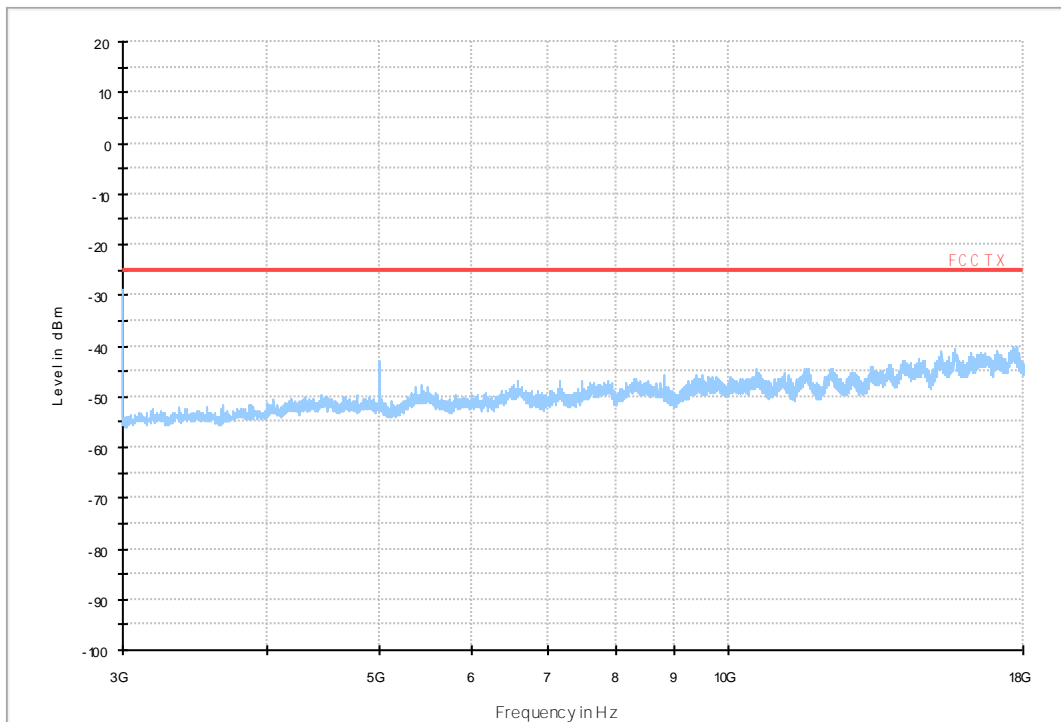
## 7.1.1.2 Test Bandwidth = 20+20



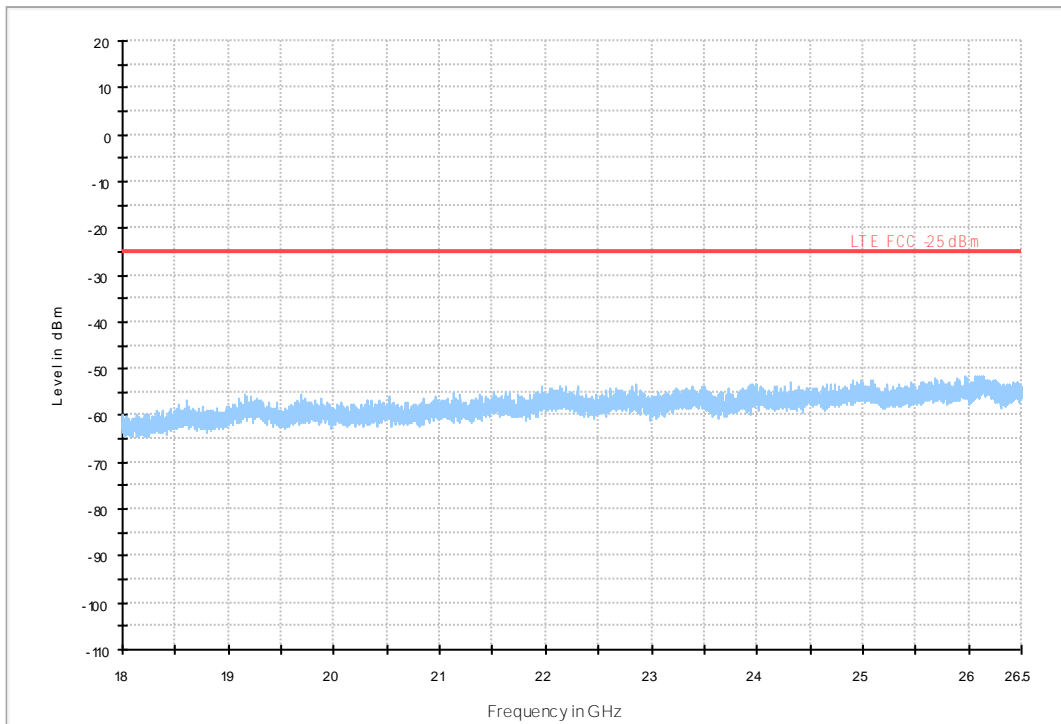
LTE Band 7 RSE-TX-DIRECTOR ABOVE 1.5G\_L -25dBm limit



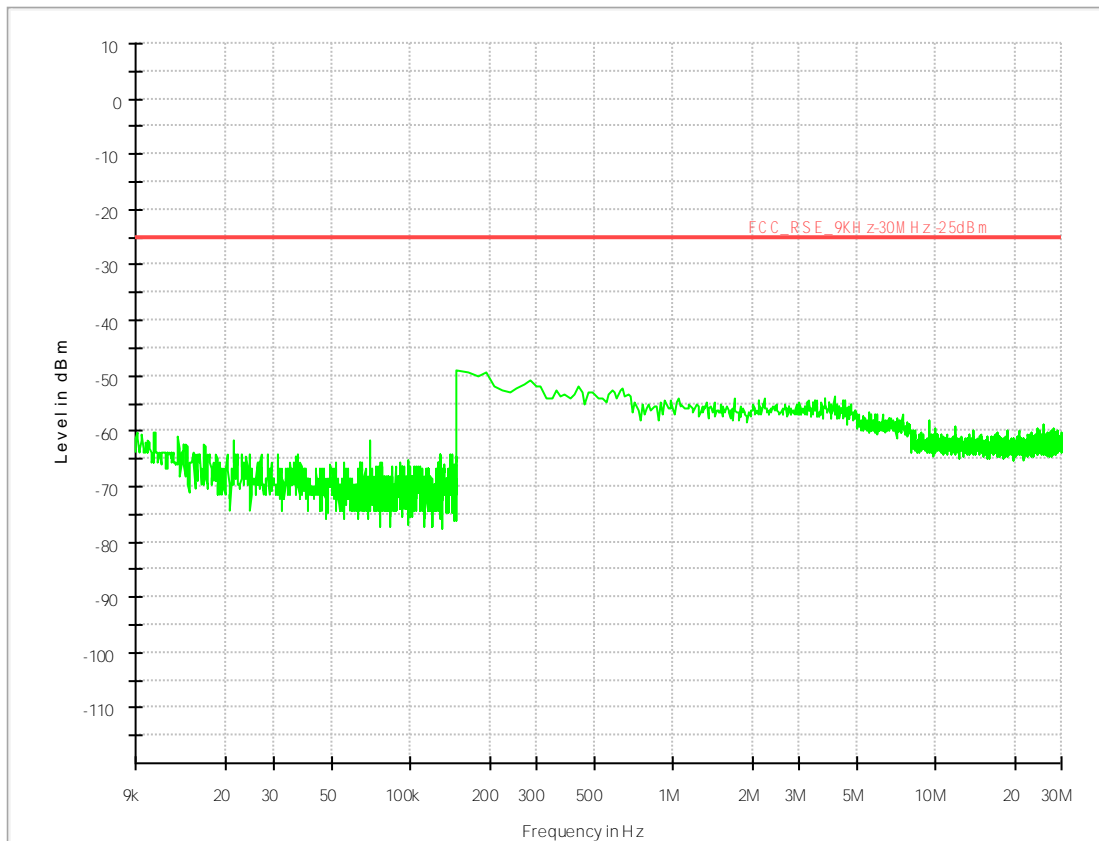
LTE FDD Band 7 RSE-TX-DIRECTOR ABOVE 1.5G\_H -25dBm limit



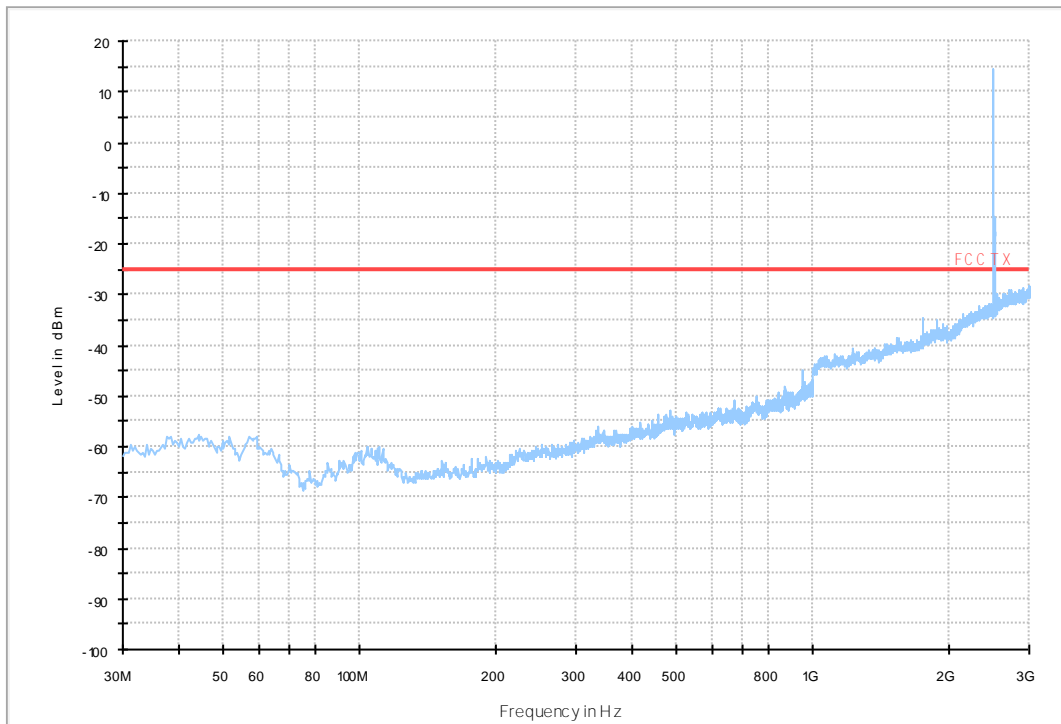
Copy of FCC18-265G



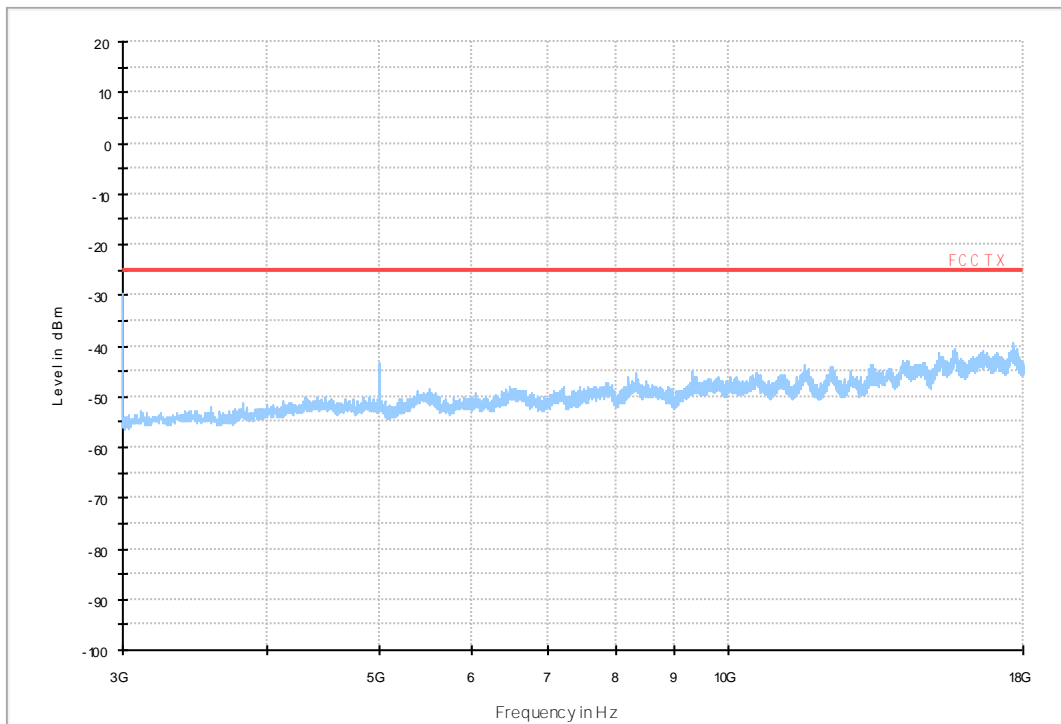
CA\_7C/TM1\_Ant2

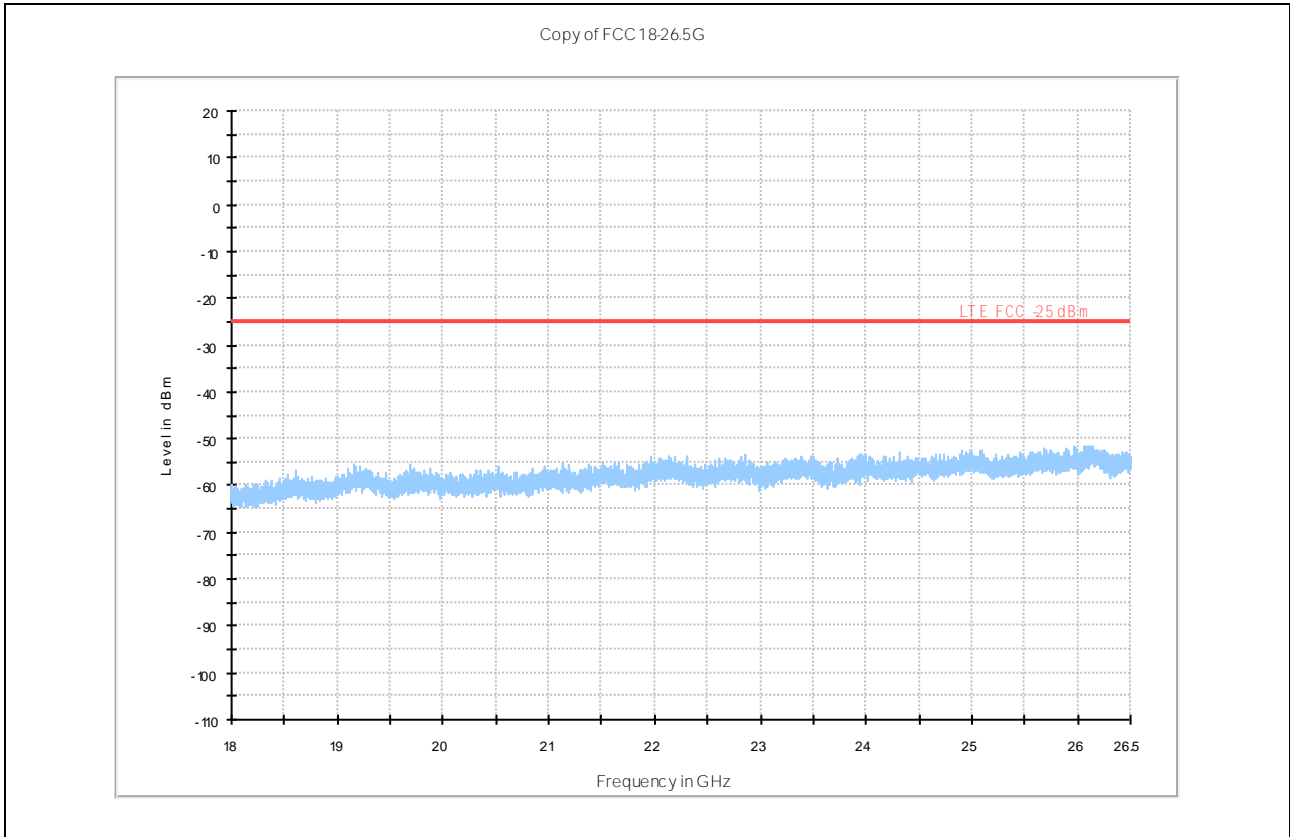


LTE Band 7 RSE-TX-DIRECTOR ABOVE 1.5G\_L -25dBm limit



LTE FDD Band 7 RSE-TX-DIRECTOR ABOVE 1.5G\_H -25dBm limit





## 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
CA_7C	LTE/TM1	15+15	LCH	TN	VL	-27.25000	-0.01087	PASS
					VN	-40.41000	-0.01612	PASS
					VH	-36.49000	-0.01455	PASS
			MCH	TN	VL	-6.95000	-0.00275	PASS
					VN	-21.03000	-0.00832	PASS
					VH	-8.74000	-0.00346	PASS
			HCH	TN	VL	-6.07000	-0.00238	PASS
					VN	-13.38000	-0.00525	PASS
					VH	-9.53000	-0.00374	PASS
		20+20	LCH	TN	VL	-29.31000	-0.01168	PASS
					VN	-42.17000	-0.01680	PASS
					VH	-40.93000	-0.01631	PASS
			MCH	TN	VL	-13.72000	-0.00543	PASS
					VN	-21.53000	-0.00853	PASS
					VH	-12.56000	-0.00497	PASS
	HCH	TN	VL	-5.11000	-0.00201	PASS		
			VN	-7.32000	-0.00288	PASS		
			VH	-2.52000	-0.00099	PASS		
	LTE/TM2	15+15	LCH	TN	VL	-10.19000	-0.00406	PASS
					VN	-30.86000	-0.01231	PASS
					VH	-14.79000	-0.00590	PASS
			MCH	TN	VL	-6.64000	-0.00263	PASS
					VN	-10.01000	-0.00396	PASS
					VH	-4.92000	-0.00195	PASS
			HCH	TN	VL	-0.40000	-0.00016	PASS
					VN	-6.69000	-0.00263	PASS
					VH	-1.97000	-0.00077	PASS
20+20		LCH	TN	VL	-12.25000	-0.00488	PASS	
				VN	-31.61000	-0.01259	PASS	
				VH	-18.84000	-0.00751	PASS	
MCH	TN	VL	-4.48000	-0.00177	PASS			

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-12.57000	-0.00498	PASS
					VH	-4.55000	-0.00180	PASS
			HCH		VL	-3.42000	-0.00135	PASS
					VN	-5.06000	-0.00199	PASS
					VH	-2.39000	-0.00094	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
CA_7C	LTE/TM1	15+15	LCH	VN	-30	-39.28000	-0.01567	PASS
					-20	-36.76000	-0.01466	PASS
					-10	-39.40000	-0.01571	PASS
					0	-38.19000	-0.01523	PASS
					10	-41.46000	-0.01653	PASS
					20	-40.41000	-0.01612	PASS
					30	-35.05000	-0.01398	PASS
					40	-37.47000	-0.01494	PASS
					50	-39.67000	-0.01582	PASS
			MCH	VN	-30	-18.80000	-0.00744	PASS
					-20	-18.73000	-0.00741	PASS
					-10	-20.20000	-0.00799	PASS
					0	-17.41000	-0.00689	PASS
					10	-19.03000	-0.00753	PASS
					20	-21.03000	-0.00832	PASS
					30	-15.25000	-0.00603	PASS
					40	-19.03000	-0.00753	PASS
			HCH	VN	-30	-13.07000	-0.00513	PASS
					-20	-7.91000	-0.00311	PASS
					-10	-6.22000	-0.00244	PASS
					0	-14.71000	-0.00577	PASS
					10	-14.08000	-0.00553	PASS
					20	-13.38000	-0.00525	PASS
					30	-12.66000	-0.00497	PASS
40	-13.40000	-0.00526			PASS			
50	-9.28000	-0.00364	PASS					





Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
		20+20	LCH	VN	-30	-42.73000	-0.01702	PASS	
					-20	-42.82000	-0.01706	PASS	
					-10	-44.43000	-0.01770	PASS	
					0	-40.64000	-0.01619	PASS	
					10	-43.59000	-0.01737	PASS	
					20	-42.17000	-0.01680	PASS	
					30	-42.53000	-0.01694	PASS	
					40	-46.79000	-0.01864	PASS	
					50	-44.20000	-0.01761	PASS	
			MCH	VN	-30	-17.58000	-0.00696	PASS	
					-20	-25.51000	-0.01010	PASS	
					-10	-20.81000	-0.00824	PASS	
					0	-18.10000	-0.00717	PASS	
					10	-22.92000	-0.00908	PASS	
					20	-21.53000	-0.00853	PASS	
					30	-19.38000	-0.00767	PASS	
					40	-21.69000	-0.00859	PASS	
					50	-17.41000	-0.00689	PASS	
			HCH	VN	-30	-13.35000	-0.00526	PASS	
					-20	-13.66000	-0.00538	PASS	
					-10	-23.56000	-0.00927	PASS	
					0	-11.67000	-0.00459	PASS	
					10	-14.68000	-0.00578	PASS	
					20	-7.32000	-0.00288	PASS	
	30	-15.18000			-0.00598	PASS			
	40	-3.55000			-0.00140	PASS			
	50	-16.62000			-0.00654	PASS			
	LTE/TM2		15+15	LCH	VN	-30	-27.27000	-0.01088	PASS
						-20	-29.37000	-0.01171	PASS
						-10	-27.82000	-0.01109	PASS
						0	-24.85000	-0.00991	PASS
						10	-30.97000	-0.01235	PASS
						20	-30.86000	-0.01231	PASS
						30	-27.61000	-0.01101	PASS
						40	-30.84000	-0.01230	PASS
						50	-27.68000	-0.01104	PASS
MCH		VN	-30	-11.66000	-0.00461	PASS			
			-20	-15.84000	-0.00627	PASS			
			-10	-11.00000	-0.00435	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					0	-12.35000	-0.00489	PASS		
					10	-12.79000	-0.00506	PASS		
					20	-10.01000	-0.00396	PASS		
					30	-11.47000	-0.00454	PASS		
					40	-11.54000	-0.00457	PASS		
					50	-11.70000	-0.00463	PASS		
					HCH	VN	-30	-6.19000	-0.00243	PASS
							-20	-5.82000	-0.00228	PASS
							-10	-7.42000	-0.00291	PASS
							0	-8.94000	-0.00351	PASS
			10	-5.69000			-0.00223	PASS		
			20	-6.69000			-0.00263	PASS		
			30	-8.17000			-0.00321	PASS		
			40	-10.56000			-0.00415	PASS		
			50	-2.50000			-0.00098	PASS		
			20+20	LCH			VN	-30	-29.11000	-0.01160
					-20	-30.11000		-0.01200	PASS	
					-10	-30.97000		-0.01234	PASS	
					0	-30.87000		-0.01230	PASS	
					10	-31.57000		-0.01258	PASS	
		20			-31.61000	-0.01259		PASS		
		30			-30.20000	-0.01203		PASS		
		40			-34.02000	-0.01355		PASS		
		50			-31.03000	-0.01236		PASS		
		MCH			VN	-30		-11.89000	-0.00471	PASS
				-20		-20.14000	-0.00798	PASS		
				-10		-10.51000	-0.00416	PASS		
				0		-11.92000	-0.00472	PASS		
				10		-12.49000	-0.00495	PASS		
				20		-12.57000	-0.00498	PASS		
				30		-11.93000	-0.00472	PASS		
				40		-14.42000	-0.00571	PASS		
				50		-12.56000	-0.00497	PASS		
				HCH		VN	-30	-7.37000	-0.00290	PASS
		-20			-8.07000		-0.00318	PASS		
		-10	-17.71000		-0.00697		PASS			
		0	-5.98000		-0.00235		PASS			
		10	-5.42000		-0.00213		PASS			
		20	-5.06000		-0.00199		PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-3.43000	-0.00135	PASS
					40	-5.82000	-0.00229	PASS
					50	-12.57000	-0.00495	PASS

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END