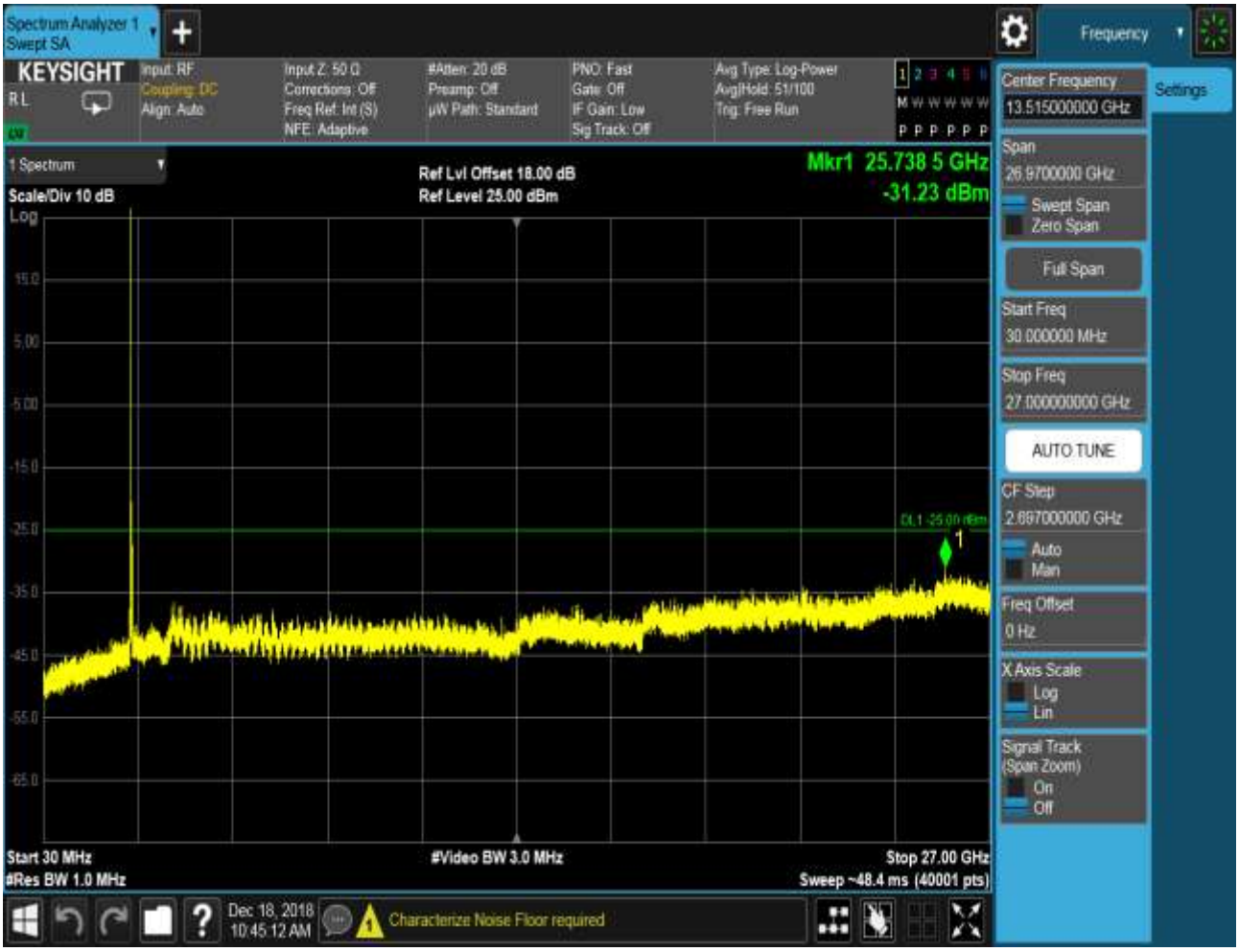
6.2.1.2 Test Mode = LTE/TM2

6.2.1.2.1 Test Bandwidth = 15+15

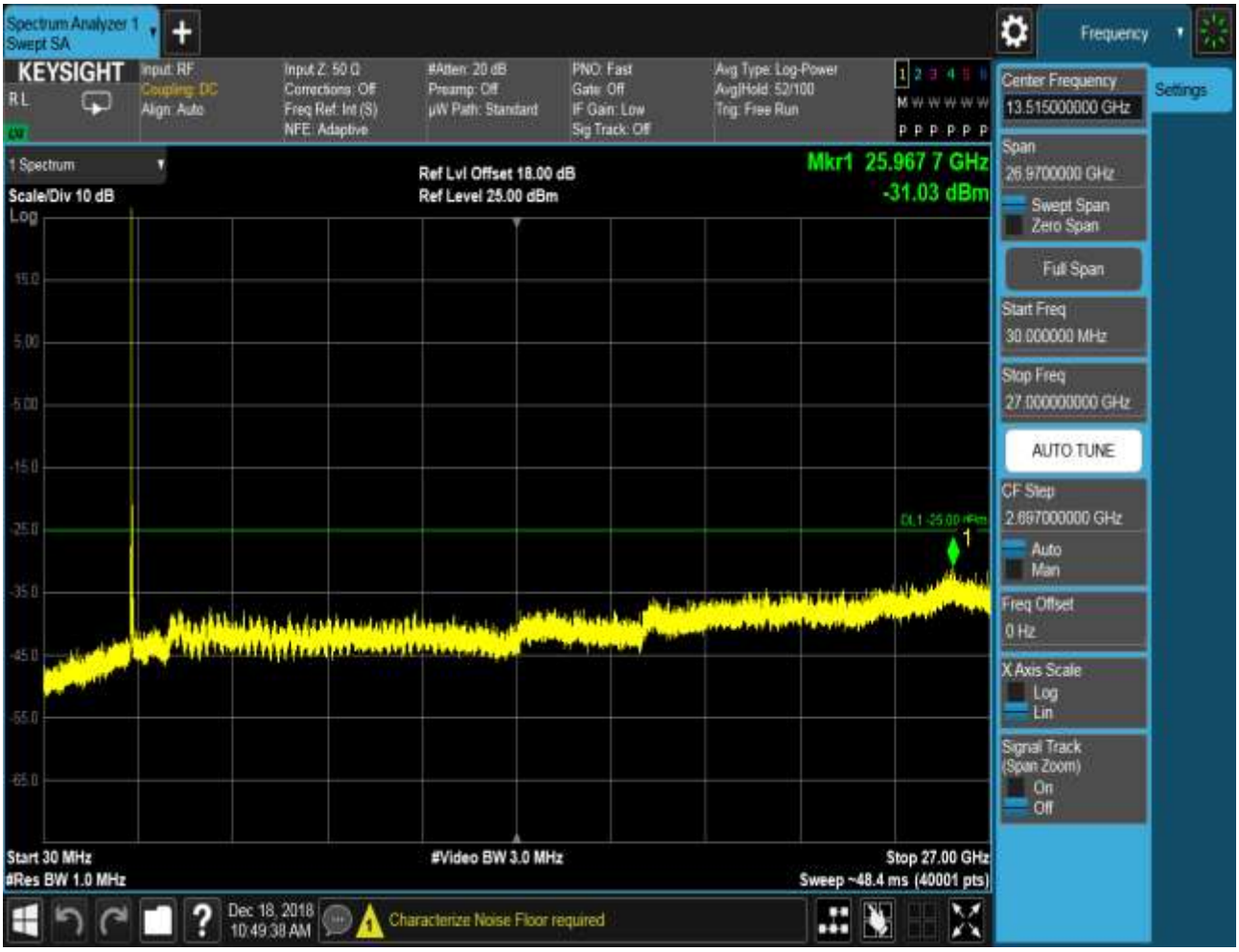
6.2.1.2.1.1 Test Channel = LCH

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



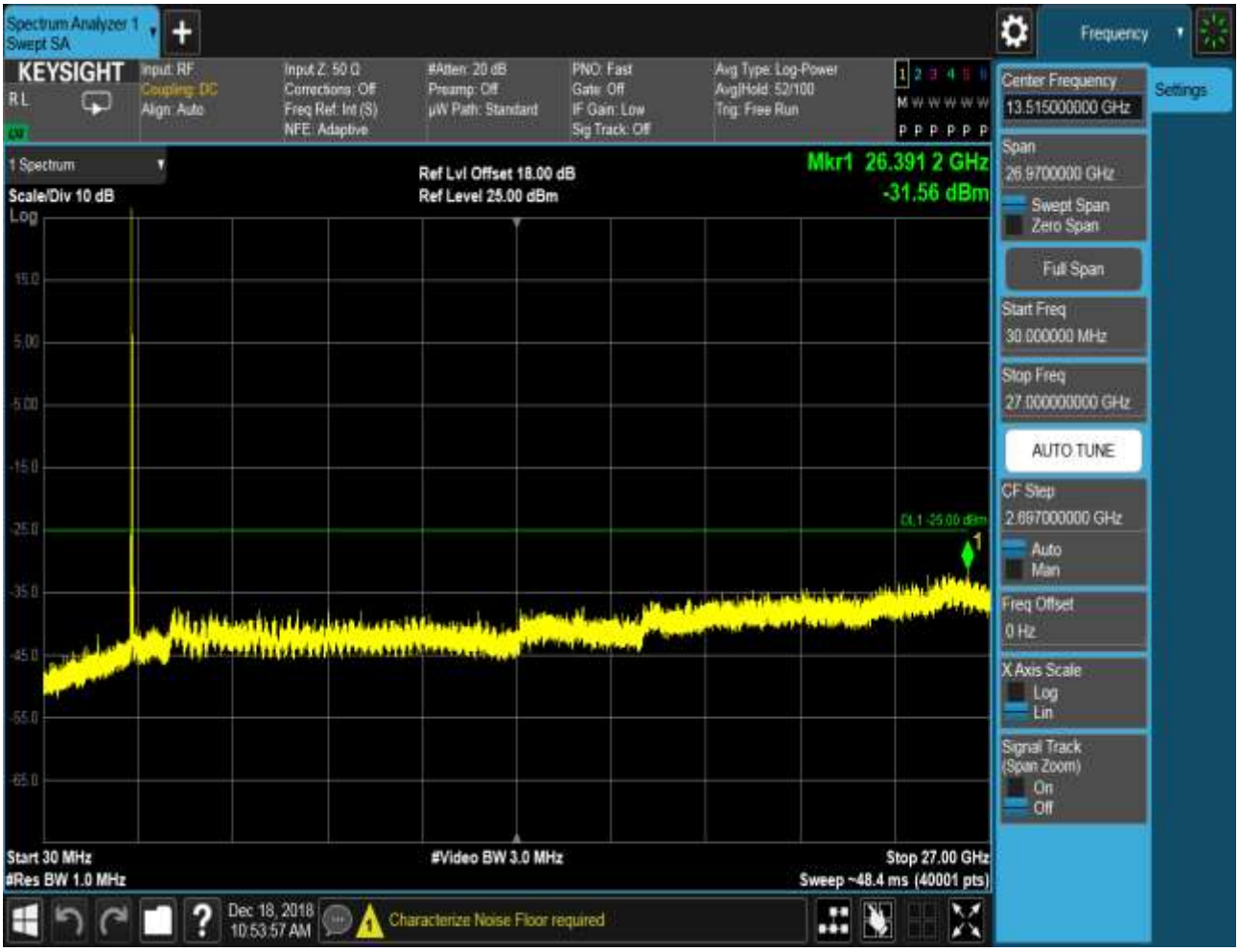
6.2.1.2.1.2 Test Channel = MCH

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

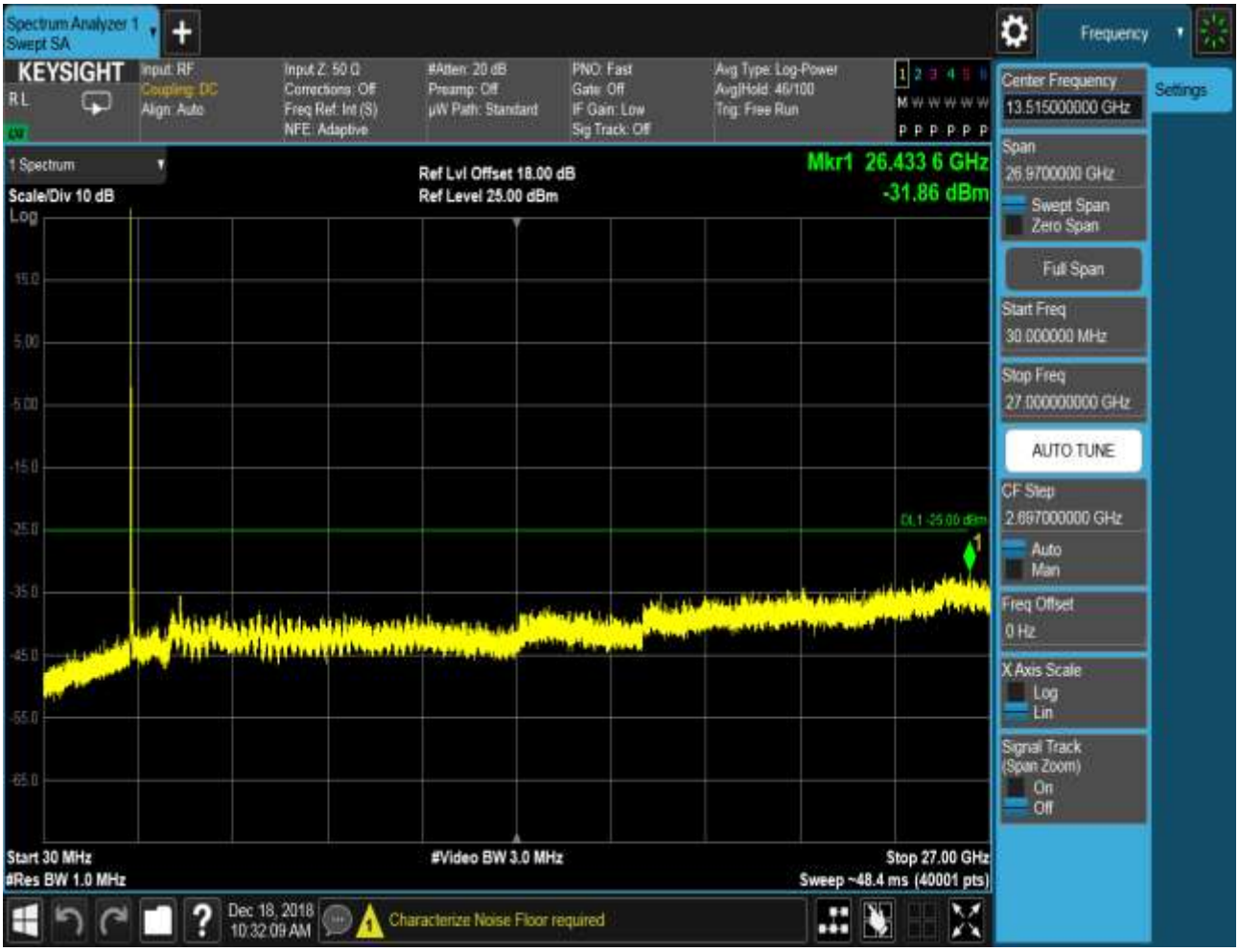
6.1.1.2.1.3.1 PCC Test RB = 1 #0& SCC Test RB = 0



6.2.1.2.2 Test Bandwidth = 20+20

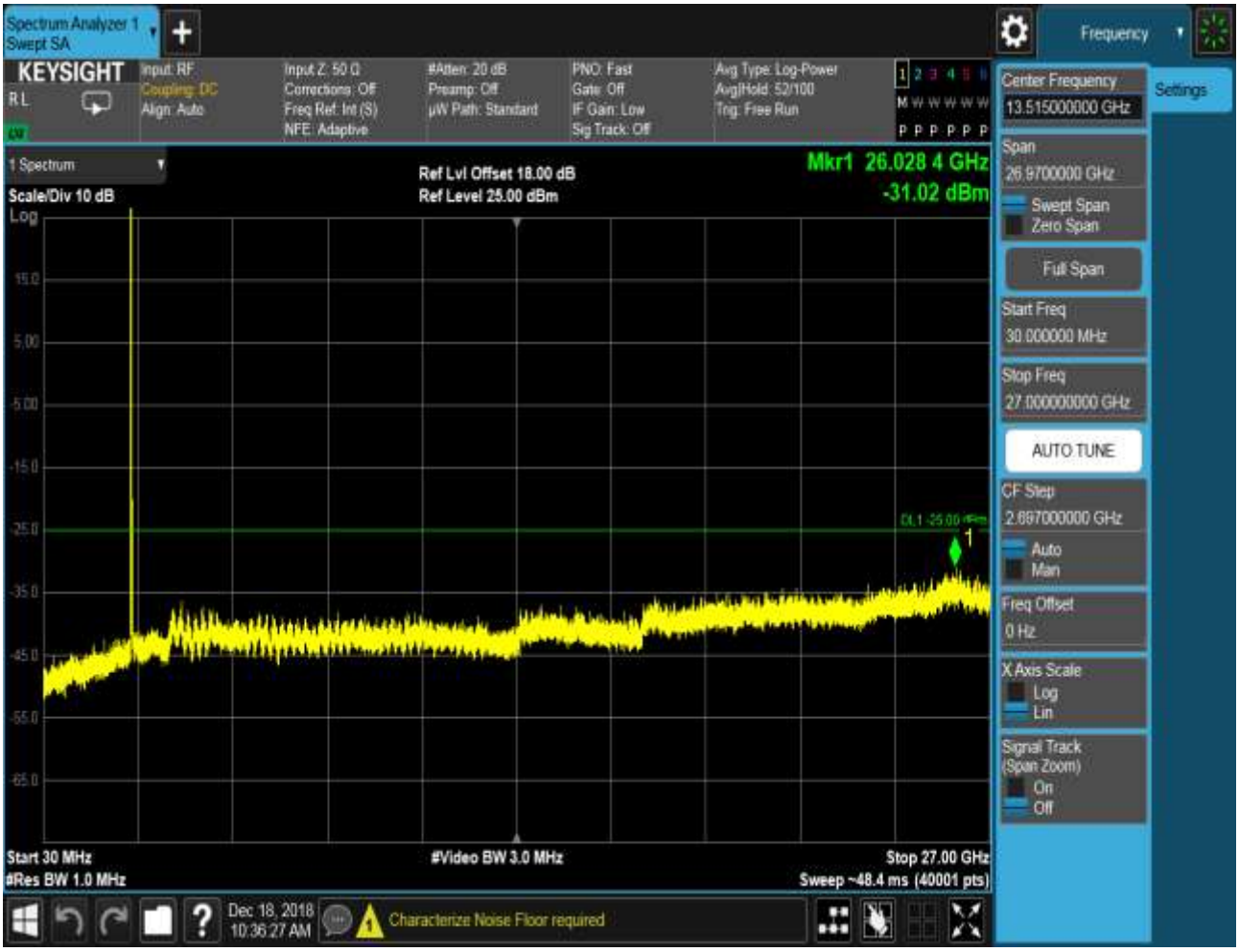
6.2.1.2.2.1 Test Channel = LCH

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



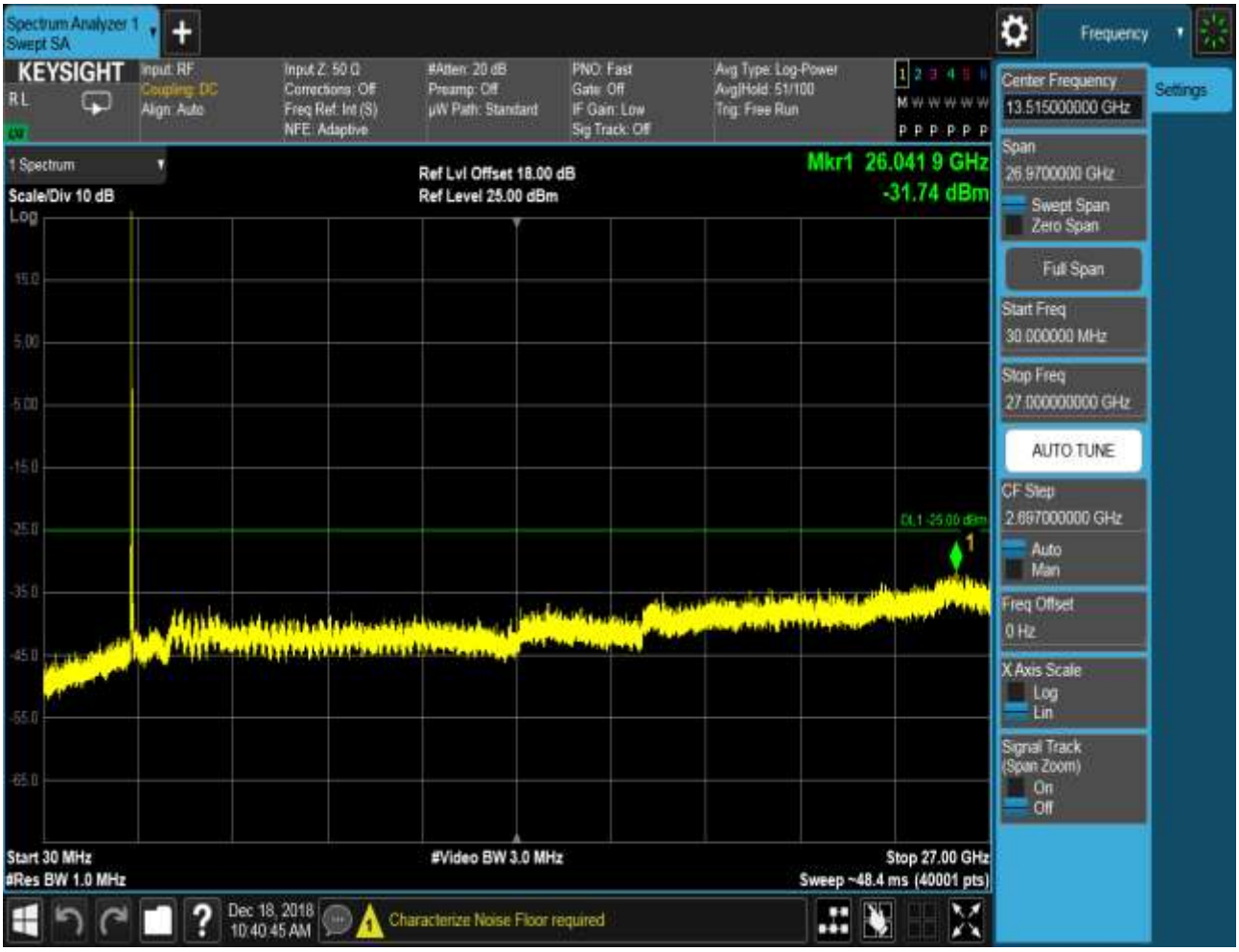
6.2.1.2.2.2 Test Channel = MCH

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

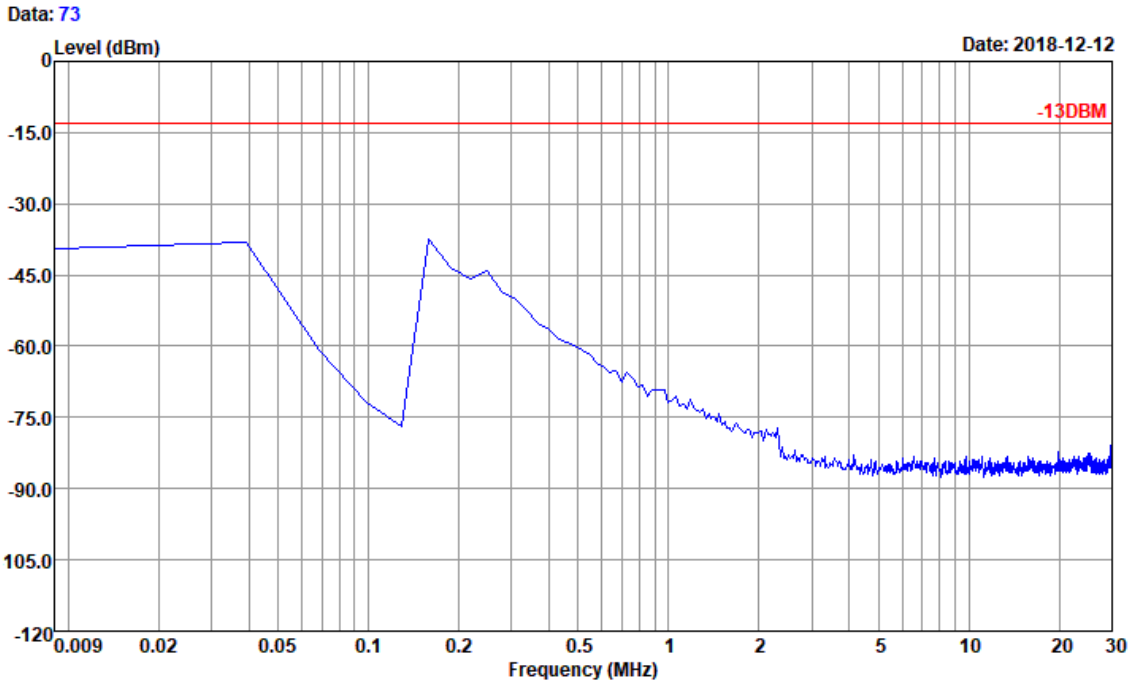
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

7.1 For LTE

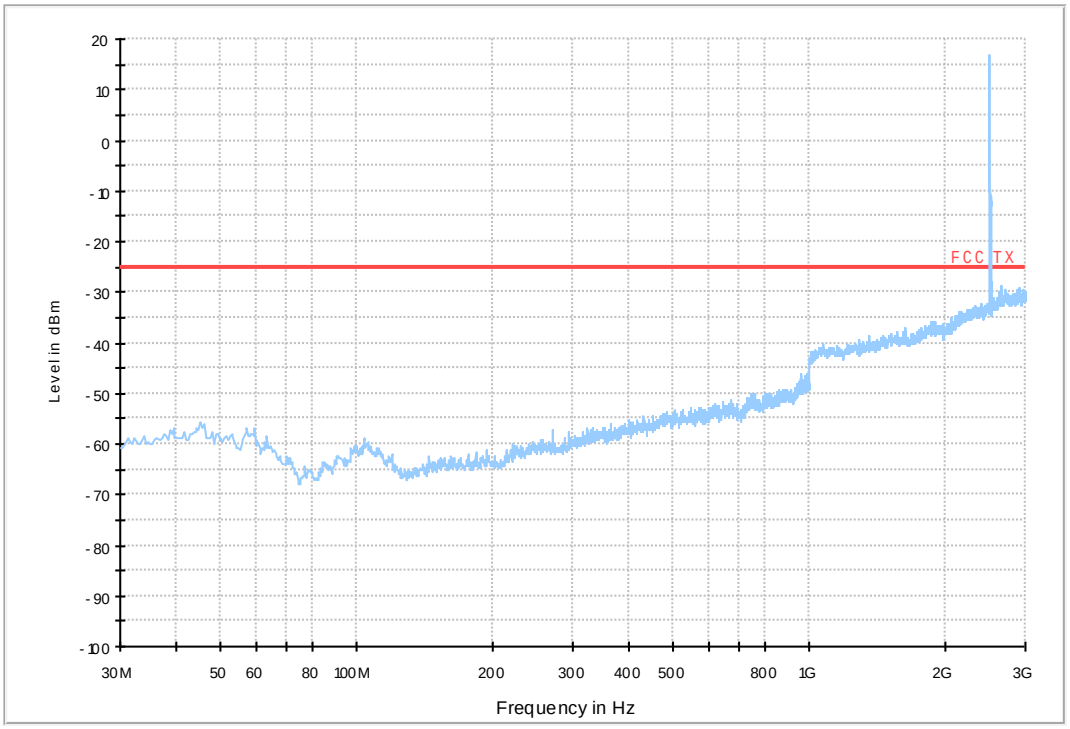
7.1.1 Test Band = CA_7C_ANT1

7.1.1.1 Test Bandwidth = 15+15

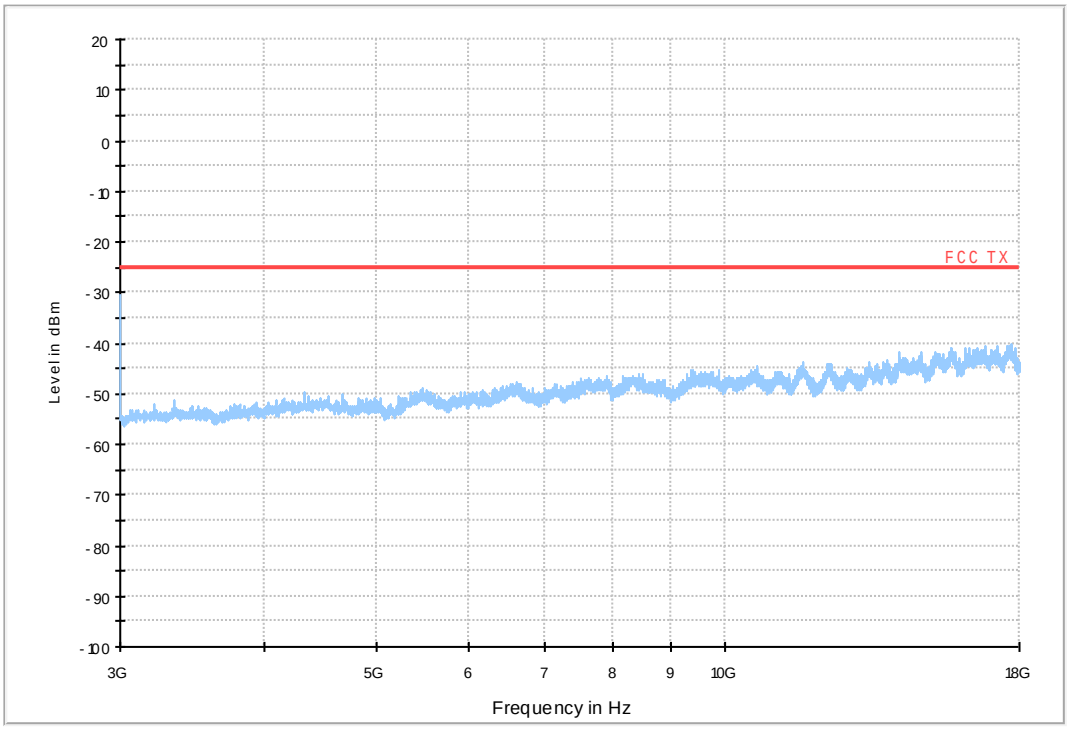


Site : 03CH01-SZ
Condition : -13DBM
: RBW:9.000KHz VBW:30.000KHz

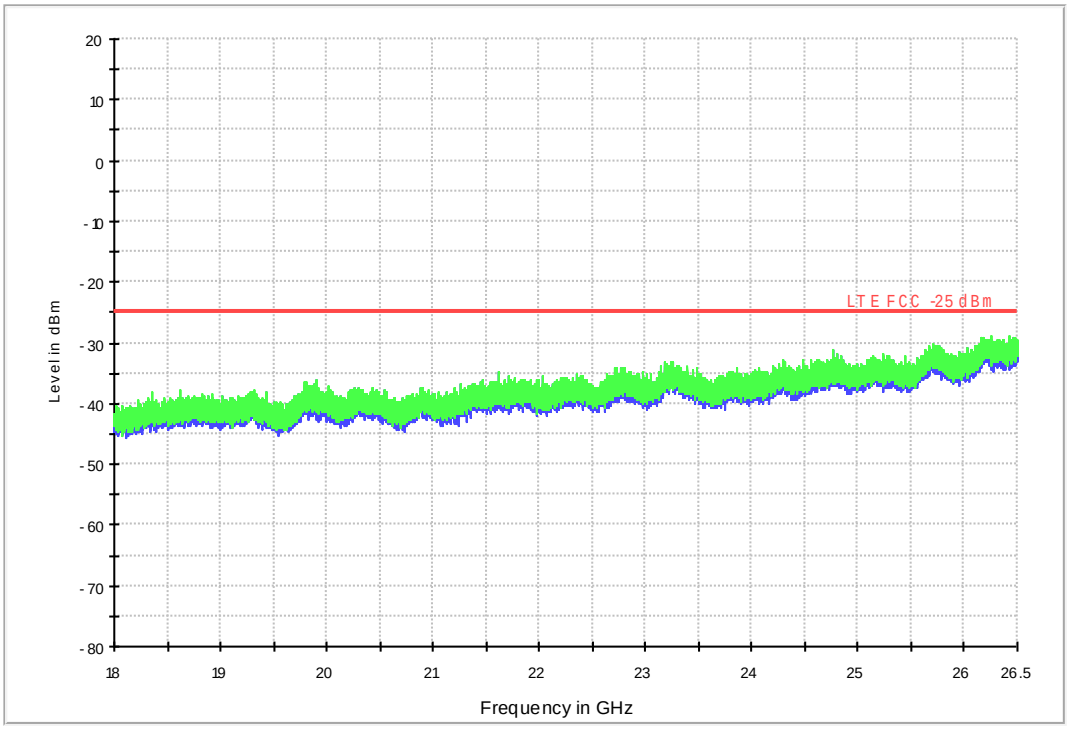
LTE Band 7 RSE-TX-DIRECTOR ABOVE 1.5G_L -25dBm limit



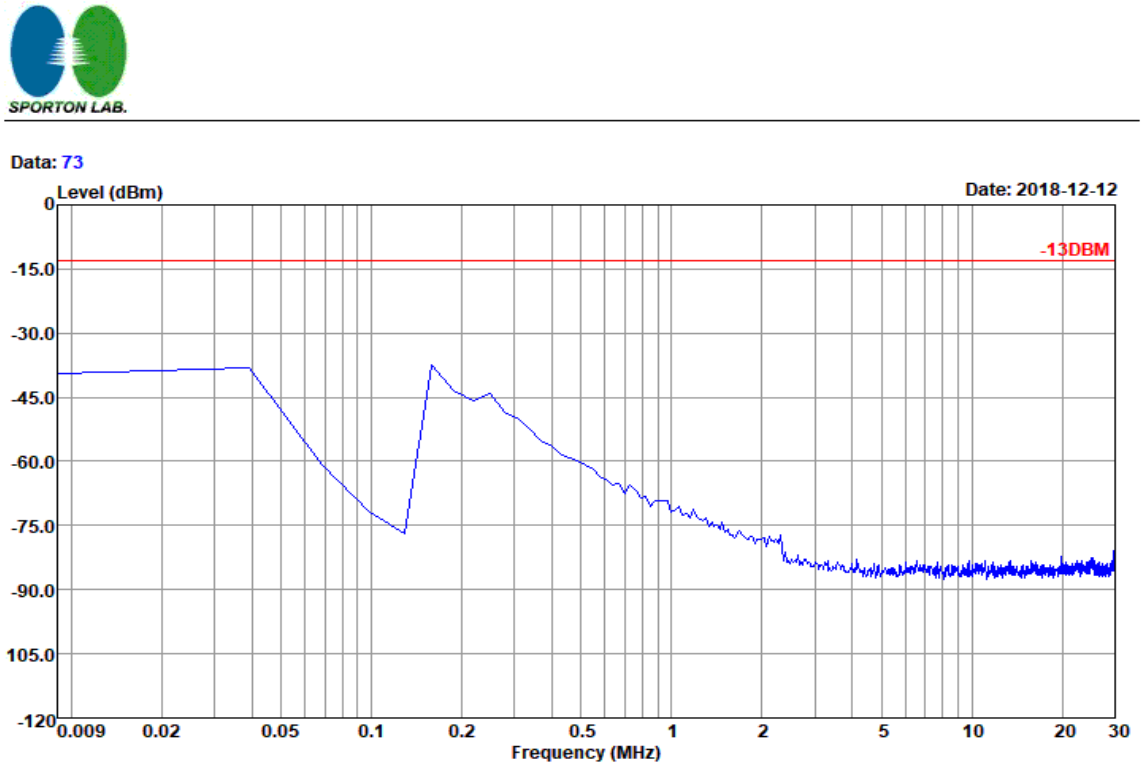
LTE FDD Band 7 RSE-TX-DIRECTOR ABOVE 1.5G_H -25dBm limit



18G~ 26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK

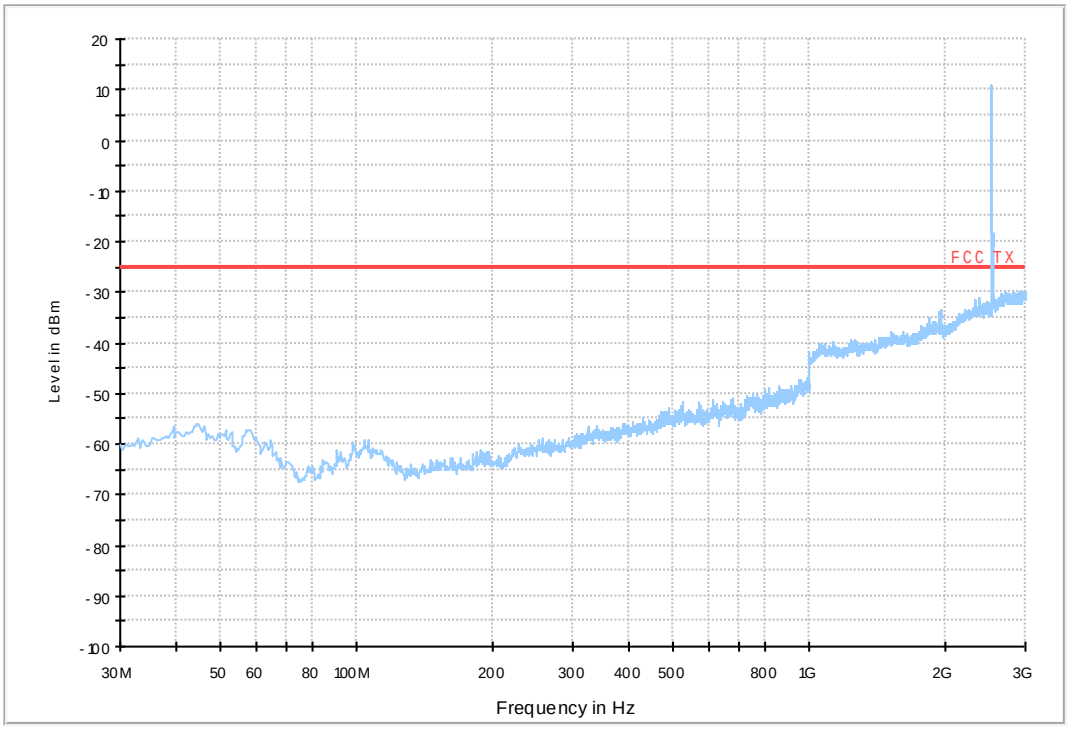


7.1.1.2 Test Bandwidth = 20+20

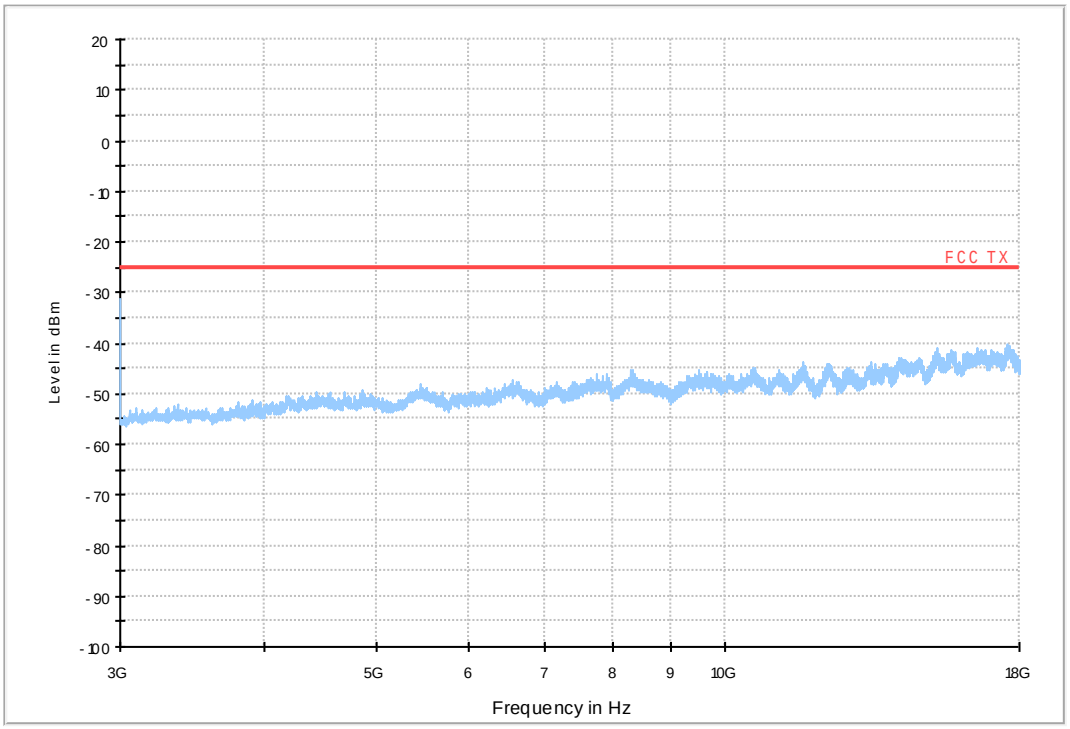


Site : 03CH01-SZ
Condition : -13DBM
: RBW:9.000KHz VBW:30.000KHz

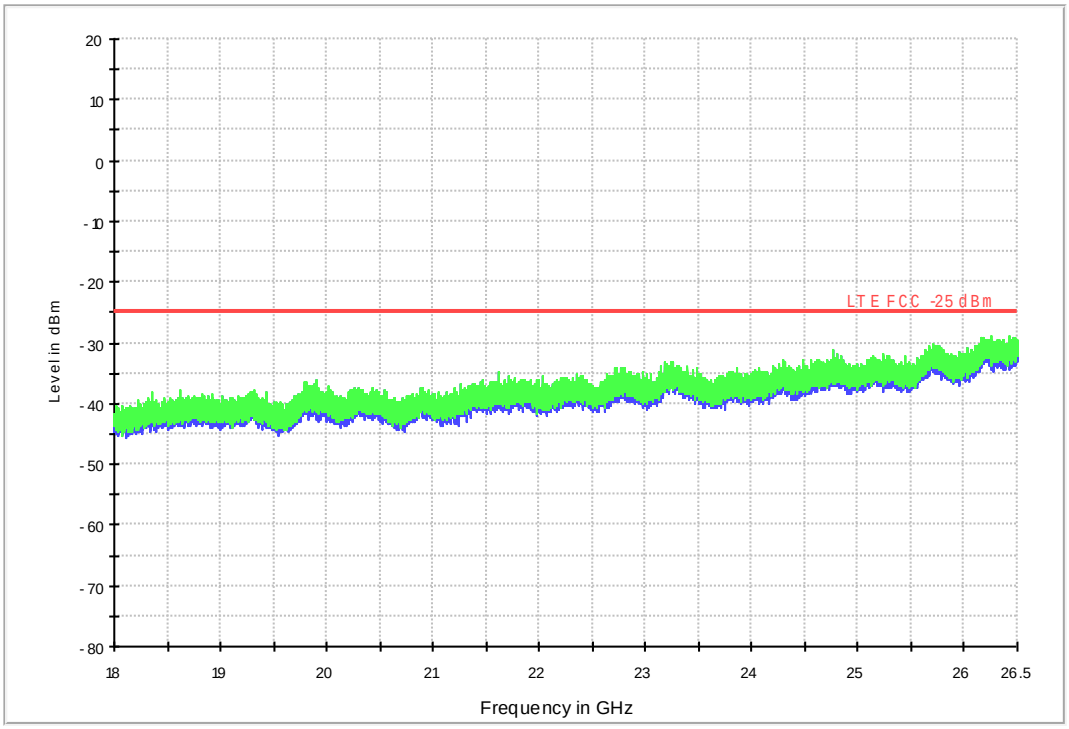
LTE Band 7 RSE-TX-DIRECTOR ABOVE 1.5G_L -25dBm limit



LTE FDD Band 7 RSE-TX-DIRECTOR ABOVE 1.5G_H -25dBm limit

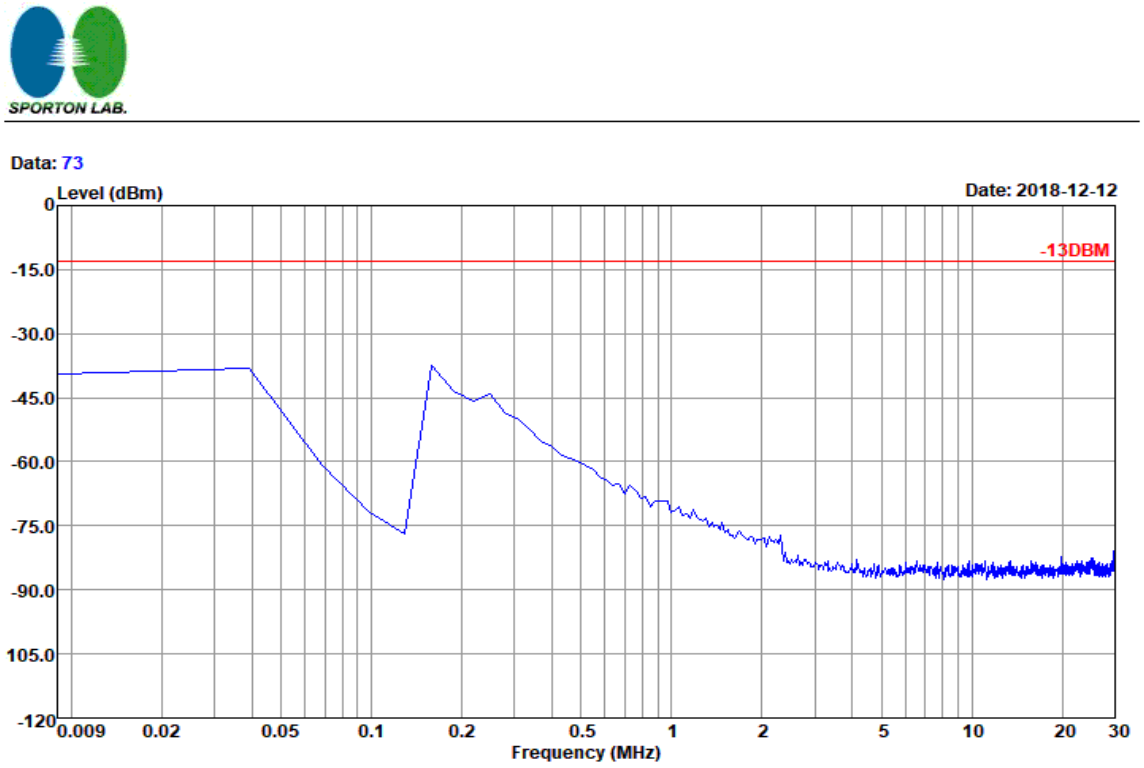


18G~26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK



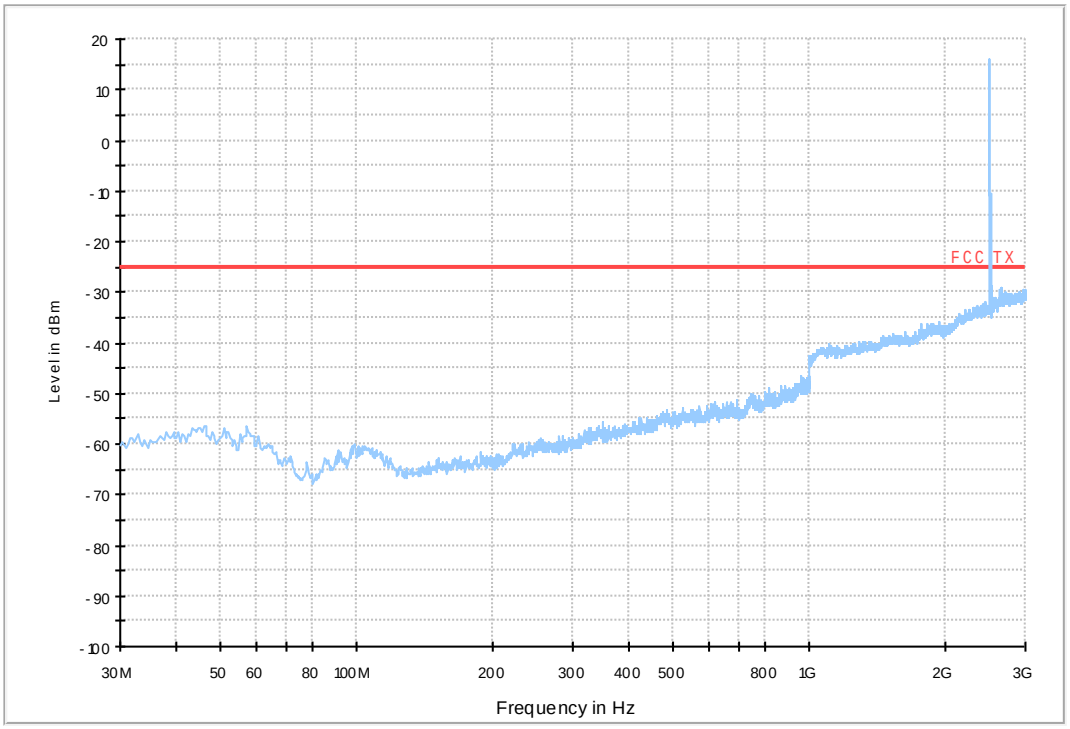
7.1.2 Test Band = CA_7C_ANT2

7.1.2.1 Test Bandwidth = 15+15

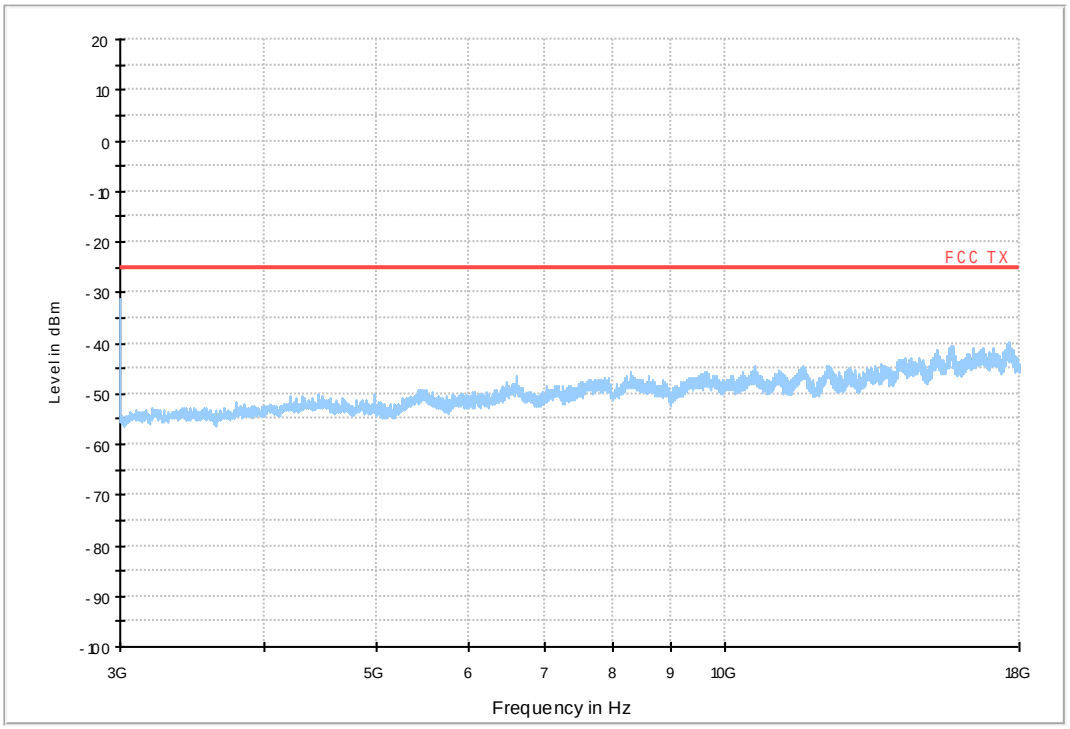


Site : 03CH01-SZ
Condition : -13DBM
: RBW:9.000KHz VBW:30.000KHz

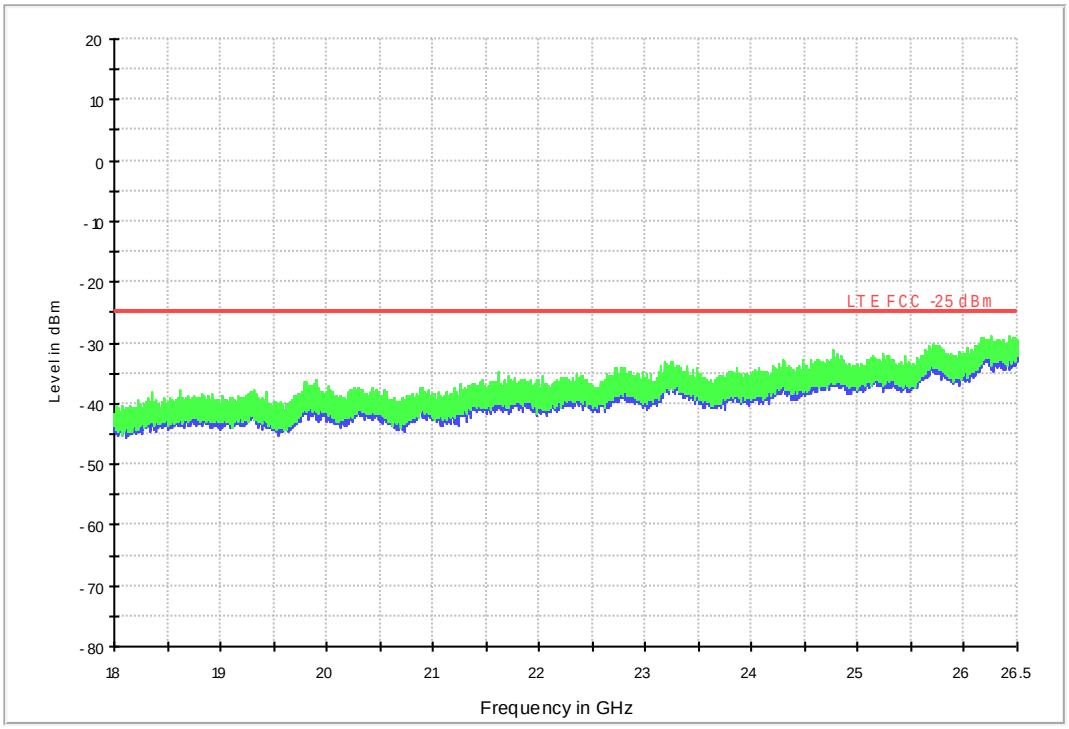
LTE Band 7 RSE-TX-DIRECTOR ABOVE 1.5G_L -25dBm limit



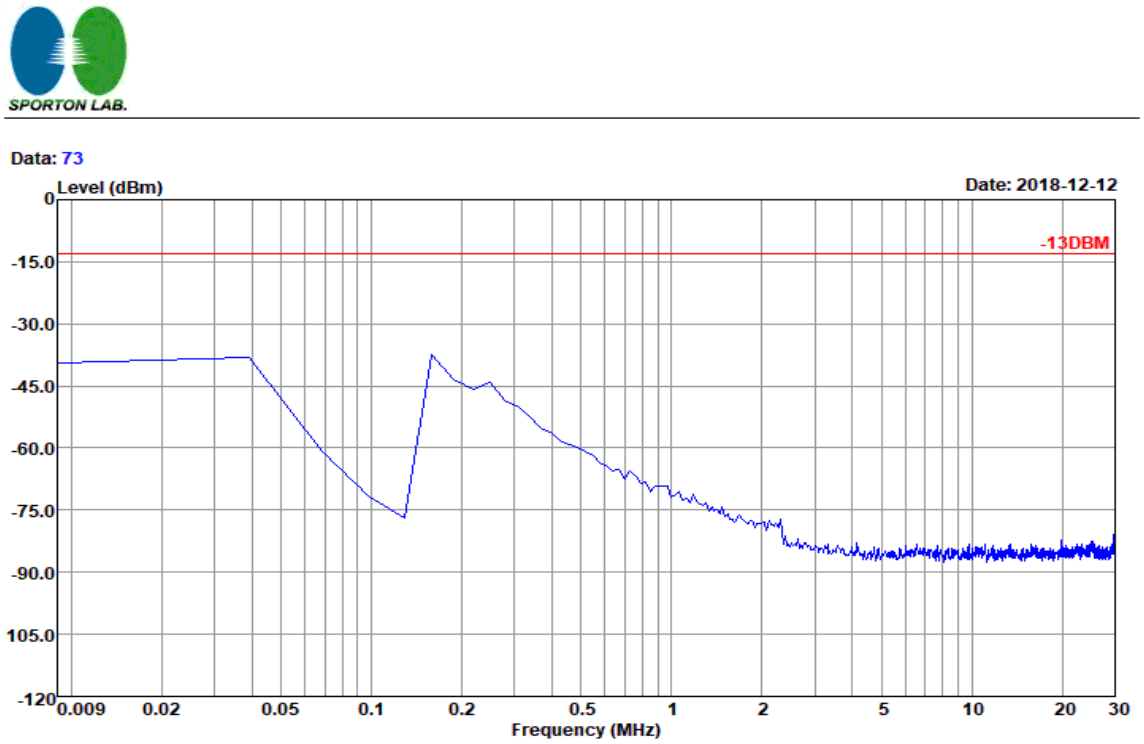
LTE FDD Band 7 RSE-TX-DIRECTOR ABOVE 1.5G_H -25dBm limit



18G~26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK

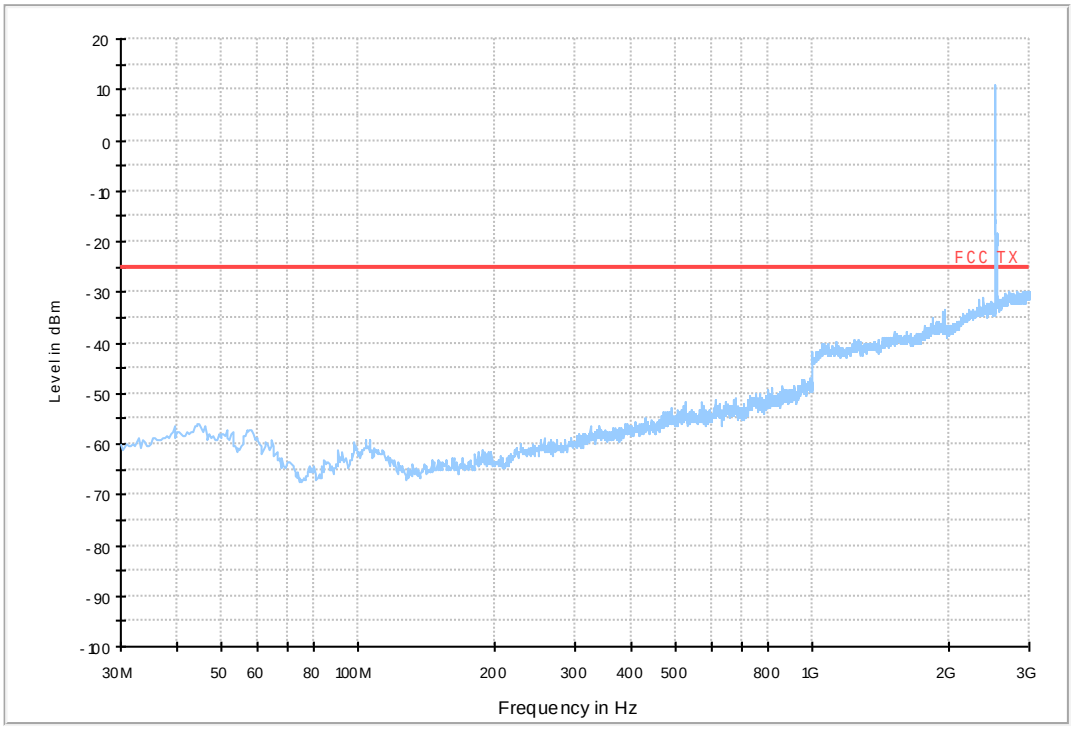


7.1.2.2 Test Bandwidth = 20+20

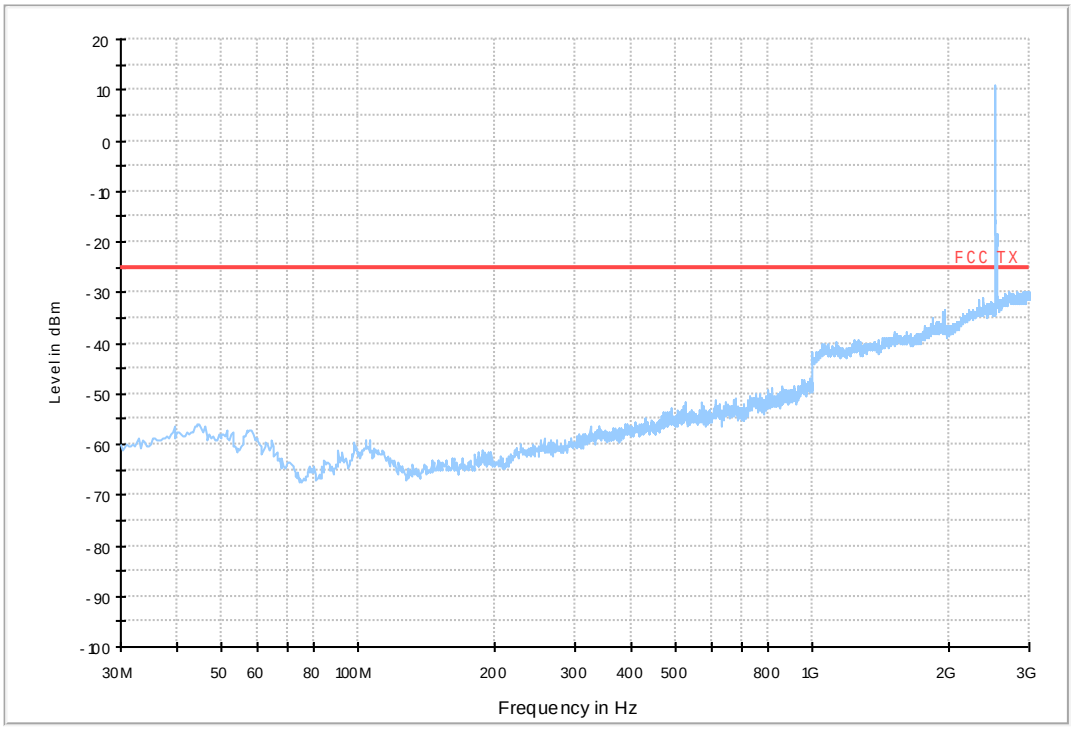


Site : 03CH01-SZ
Condition : -13DBM
: RBW:9.000KHz VBW:30.000KHz

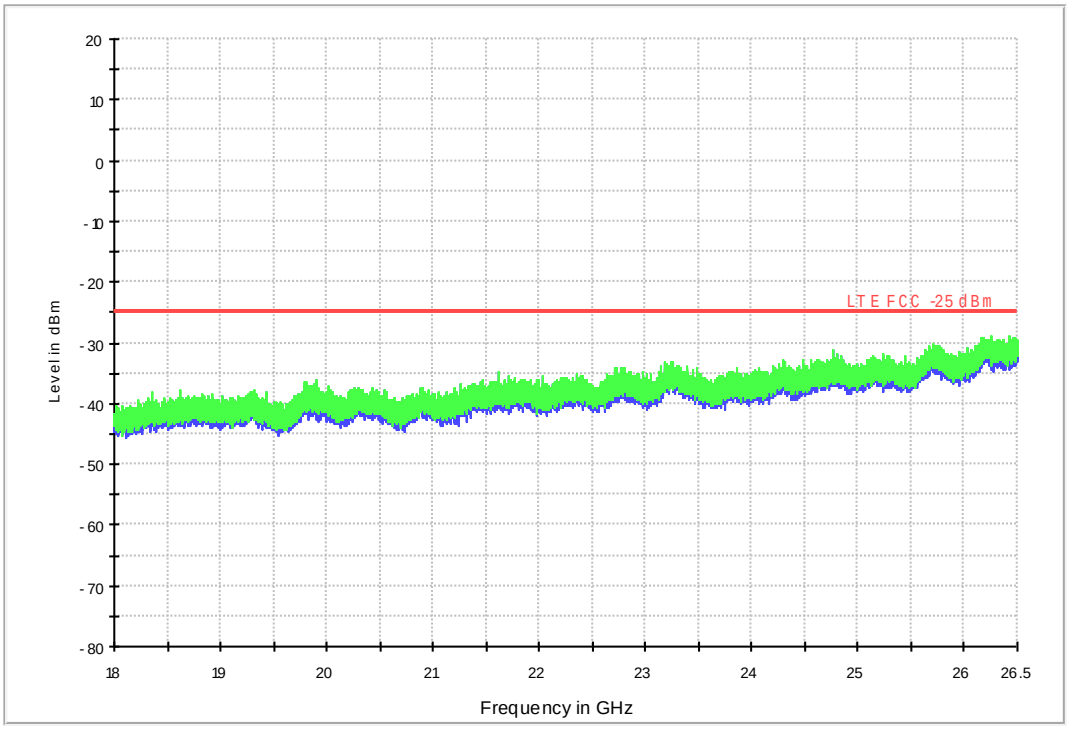
LTE Band 7 RSE-TX-DIRECTOR ABOVE 1.5G_L -25dBm limit



LTE Band 7 RSE-TX-DIRECTOR ABOVE 1.5G_L -25dBm limit



18G~ 26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK



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
CA_7C	LTE/TM1	15+15	LCH	TN	VL	-15.54000	-0.00620	PASS
					VN	-14.20000	-0.00566	PASS
					VH	-11.20000	-0.00447	PASS
			MCH	TN	VL	-16.82000	-0.00665	PASS
					VN	-11.04000	-0.00437	PASS
					VH	-12.92000	-0.00511	PASS
			HCH	TN	VL	-20.60000	-0.00809	PASS
					VN	-19.41000	-0.00762	PASS
					VH	-14.18000	-0.00557	PASS
		20+20	LCH	TN	VL	-18.42000	-0.00734	PASS
					VN	-20.46000	-0.00815	PASS
					VH	-16.77000	-0.00668	PASS
			MCH	TN	VL	-16.85000	-0.00667	PASS
					VN	-14.49000	-0.00574	PASS
					VH	-12.13000	-0.00480	PASS
			HCH	TN	VL	-20.08000	-0.00790	PASS
					VN	-18.50000	-0.00728	PASS
					VH	-13.75000	-0.00541	PASS
	LTE/TM2	15+15	LCH	TN	VL	-11.19000	-0.00446	PASS
					VN	-17.58000	-0.00701	PASS
					VH	-11.36000	-0.00453	PASS
			MCH	TN	VL	-5.39000	-0.00213	PASS
					VN	-16.49000	-0.00652	PASS
					VH	-11.92000	-0.00472	PASS
			HCH	TN	VL	-9.08000	-0.00356	PASS
					VN	-21.89000	-0.00859	PASS
					VH	-13.95000	-0.00548	PASS
		20+20	LCH	TN	VL	-13.58000	-0.00541	PASS
					VN	-17.72000	-0.00706	PASS
					VH	-16.04000	-0.00639	PASS
			MCH	TN	VL	-12.50000	-0.00495	PASS
					VN	-14.59000	-0.00578	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	-10.83000	-0.00429	PASS
			HCH	TN	VL	-9.56000	-0.00376	PASS
					VN	-18.88000	-0.00743	PASS
					VH	-15.84000	-0.00624	PASS

8.1.2Frequency 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	-13.72000	-0.00547	PASS
					-20	-14.95000	-0.00596	PASS
					-10	-17.71000	-0.00706	PASS
					0	-19.78000	-0.00789	PASS
					10	-14.48000	-0.00577	PASS
					20	-14.20000	-0.00566	PASS
					30	-13.09000	-0.00522	PASS
					40	-16.68000	-0.00665	PASS
					50	-18.21000	-0.00726	PASS
			MCH	VN	-30	-15.75000	-0.00623	PASS
					-20	-17.09000	-0.00676	PASS
					-10	-14.38000	-0.00569	PASS
					0	-11.34000	-0.00449	PASS
					10	-11.86000	-0.00469	PASS
					20	-11.04000	-0.00437	PASS
					30	-12.22000	-0.00483	PASS
					40	-17.40000	-0.00688	PASS
					50	-18.08000	-0.00715	PASS
			HCH	VN	-30	-13.25000	-0.00520	PASS
					-20	-17.72000	-0.00696	PASS
					-10	-16.75000	-0.00658	PASS
					0	-15.76000	-0.00619	PASS
					10	-17.29000	-0.00679	PASS
					20	-19.41000	-0.00762	PASS
					30	-19.33000	-0.00759	PASS
					40	-14.08000	-0.00553	PASS
					50	-14.68000	-0.00576	PASS
		20+20	LCH	VN	-30	-14.95000	-0.00596	PASS
					-20	-17.05000	-0.00679	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-10.01000	-0.00399	PASS
					0	-12.39000	-0.00494	PASS
					10	-12.25000	-0.00488	PASS
					20	-20.46000	-0.00815	PASS
					30	-12.30000	-0.00490	PASS
					40	-16.37000	-0.00652	PASS
					50	-19.51000	-0.00777	PASS
			MCH	VN	-30	-16.82000	-0.00666	PASS
					-20	-16.49000	-0.00653	PASS
					-10	-20.08000	-0.00795	PASS
					0	-15.91000	-0.00630	PASS
					10	-18.37000	-0.00727	PASS
					20	-14.49000	-0.00574	PASS
					30	-12.02000	-0.00476	PASS
					40	-13.18000	-0.00522	PASS
					50	-9.08000	-0.00360	PASS
			HCH	VN	-30	-16.54000	-0.00651	PASS
					-20	-12.62000	-0.00497	PASS
					-10	-14.51000	-0.00571	PASS
					0	-17.32000	-0.00682	PASS
					10	-15.65000	-0.00616	PASS
					20	-18.50000	-0.00728	PASS
					30	-12.35000	-0.00486	PASS
					40	-17.67000	-0.00696	PASS
					50	-21.07000	-0.00829	PASS
	LTE/TM2	15+15	LCH	VN	-30	-19.13000	-0.00763	PASS
					-20	-19.50000	-0.00778	PASS
					-10	-12.97000	-0.00517	PASS
					0	-16.34000	-0.00652	PASS
					10	-15.06000	-0.00601	PASS
					20	-17.58000	-0.00701	PASS
					30	-20.13000	-0.00803	PASS
					40	-16.72000	-0.00667	PASS
					50	-15.42000	-0.00615	PASS
			MCH	VN	-30	-17.48000	-0.00692	PASS
					-20	-20.06000	-0.00794	PASS
					-10	-20.36000	-0.00806	PASS
					0	-19.20000	-0.00760	PASS
					10	-16.18000	-0.00640	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	-16.49000	-0.00652	PASS
					30	-19.60000	-0.00775	PASS
					40	-15.98000	-0.00632	PASS
					50	-16.51000	-0.00653	PASS
			HCH	VN	-30	-20.79000	-0.00816	PASS
					-20	-20.76000	-0.00815	PASS
					-10	-19.67000	-0.00772	PASS
					0	-18.27000	-0.00717	PASS
					10	-19.00000	-0.00746	PASS
					20	-21.89000	-0.00859	PASS
					30	-17.15000	-0.00673	PASS
					40	-19.33000	-0.00759	PASS
					50	-19.70000	-0.00773	PASS
		20+20	LCH	VN	-30	-14.95000	-0.00596	PASS
					-20	-18.44000	-0.00735	PASS
					-10	-20.50000	-0.00817	PASS
					0	-15.59000	-0.00621	PASS
					10	-14.33000	-0.00571	PASS
					20	-17.72000	-0.00706	PASS
					30	-17.44000	-0.00695	PASS
					40	-19.45000	-0.00775	PASS
					50	-16.06000	-0.00640	PASS
			MCH	VN	-30	-18.27000	-0.00724	PASS
					-20	-13.26000	-0.00525	PASS
					-10	-21.01000	-0.00832	PASS
					0	-15.68000	-0.00621	PASS
					10	-16.49000	-0.00653	PASS
					20	-14.59000	-0.00578	PASS
					30	-18.22000	-0.00722	PASS
					40	-18.30000	-0.00725	PASS
					50	-18.75000	-0.00743	PASS
			HCH	VN	-30	-18.18000	-0.00716	PASS
					-20	-16.72000	-0.00658	PASS
					-10	-18.42000	-0.00725	PASS
					0	-21.90000	-0.00862	PASS
					10	-16.41000	-0.00646	PASS
					20	-18.88000	-0.00743	PASS
					30	-19.25000	-0.00758	PASS
					40	-15.22000	-0.00599	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					50	-19.83000	-0.00781	PASS

END