

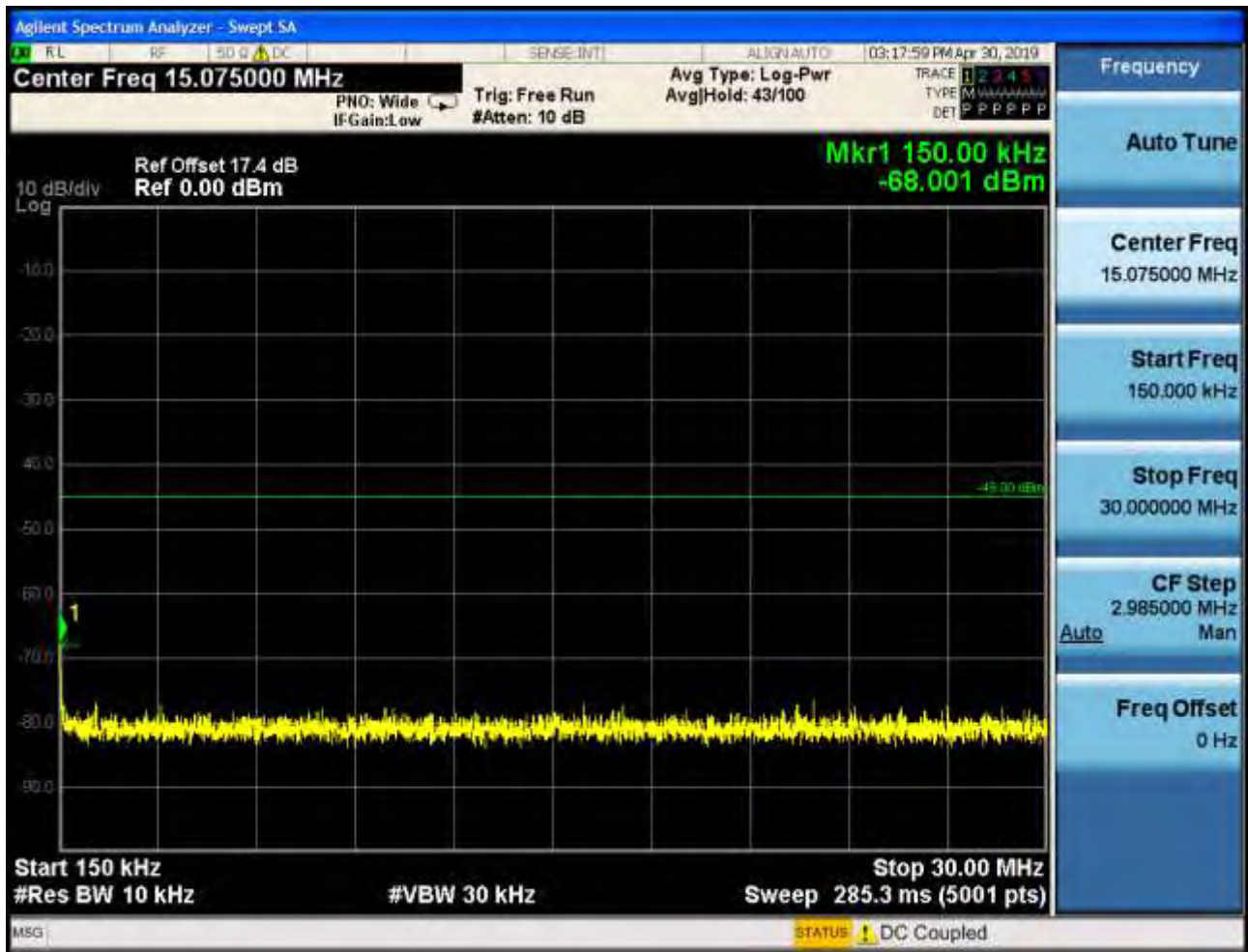


6.2.1.1.2 Test Bandwidth = 20+20

6.2.1.1.2.1 Test Channel = LCH

6.1.1.2.1.1 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



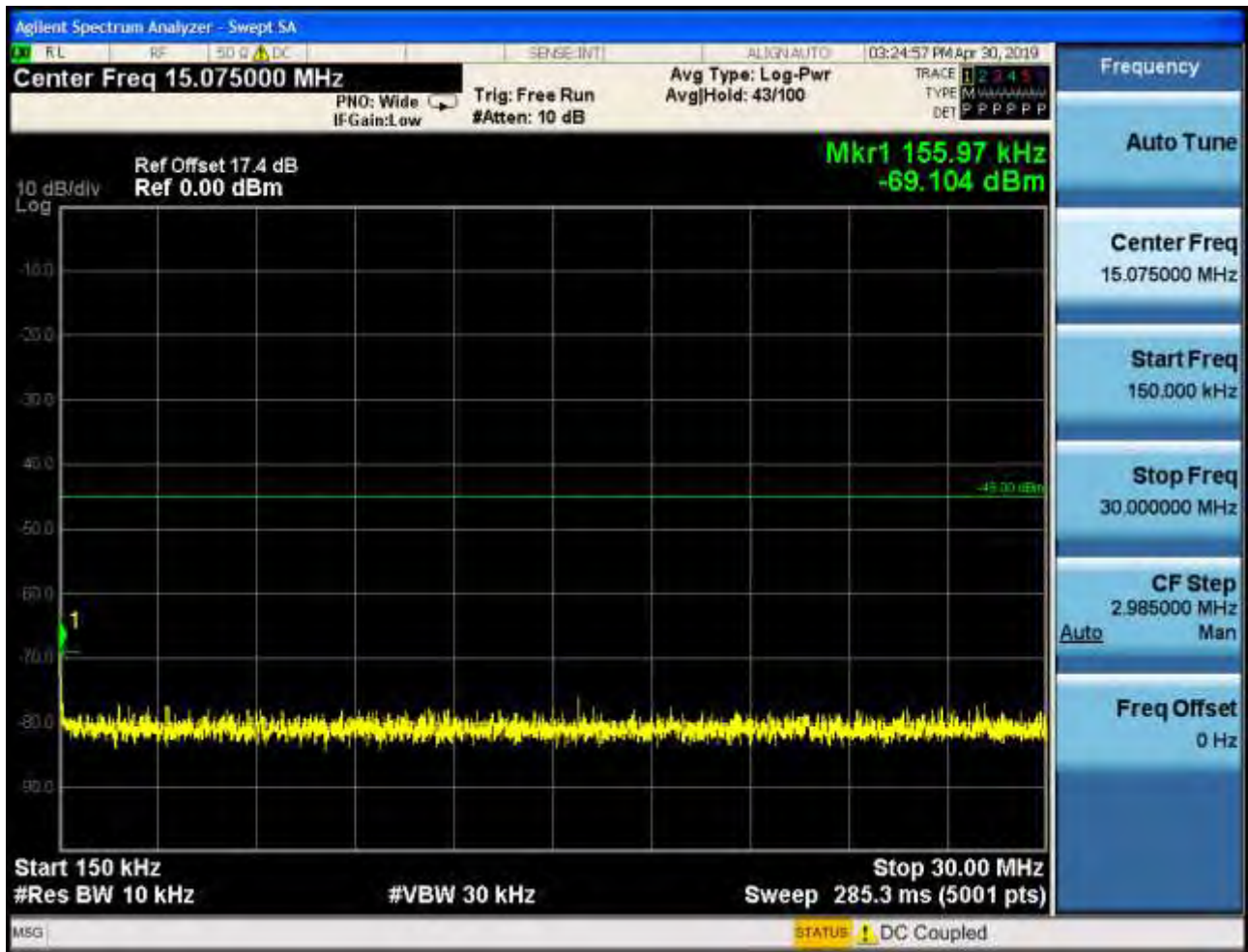




6.2.1.1.2.3 Test Channel = HCH

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







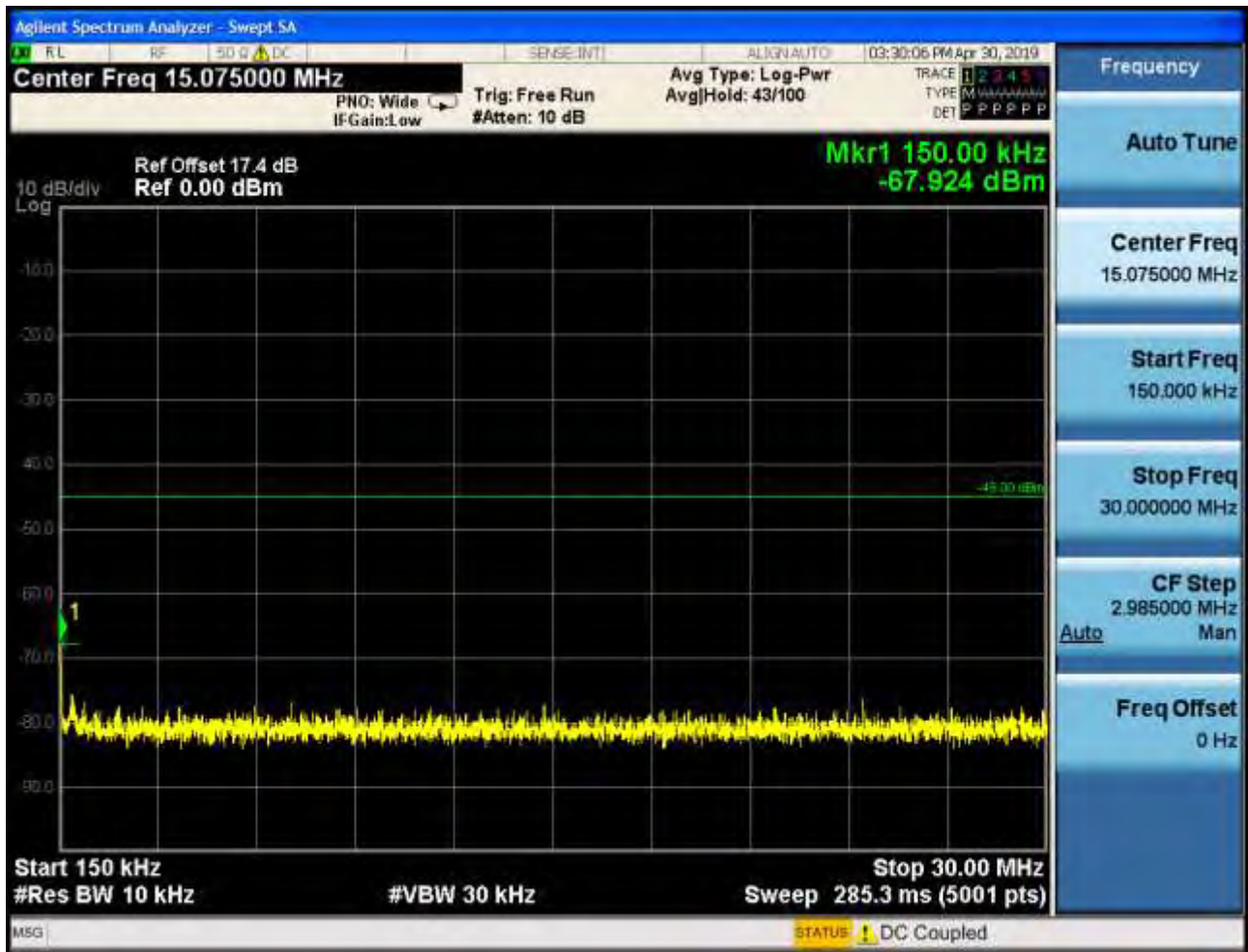
6.2.1.2 Test Mode = LTE/TM2

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 & 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

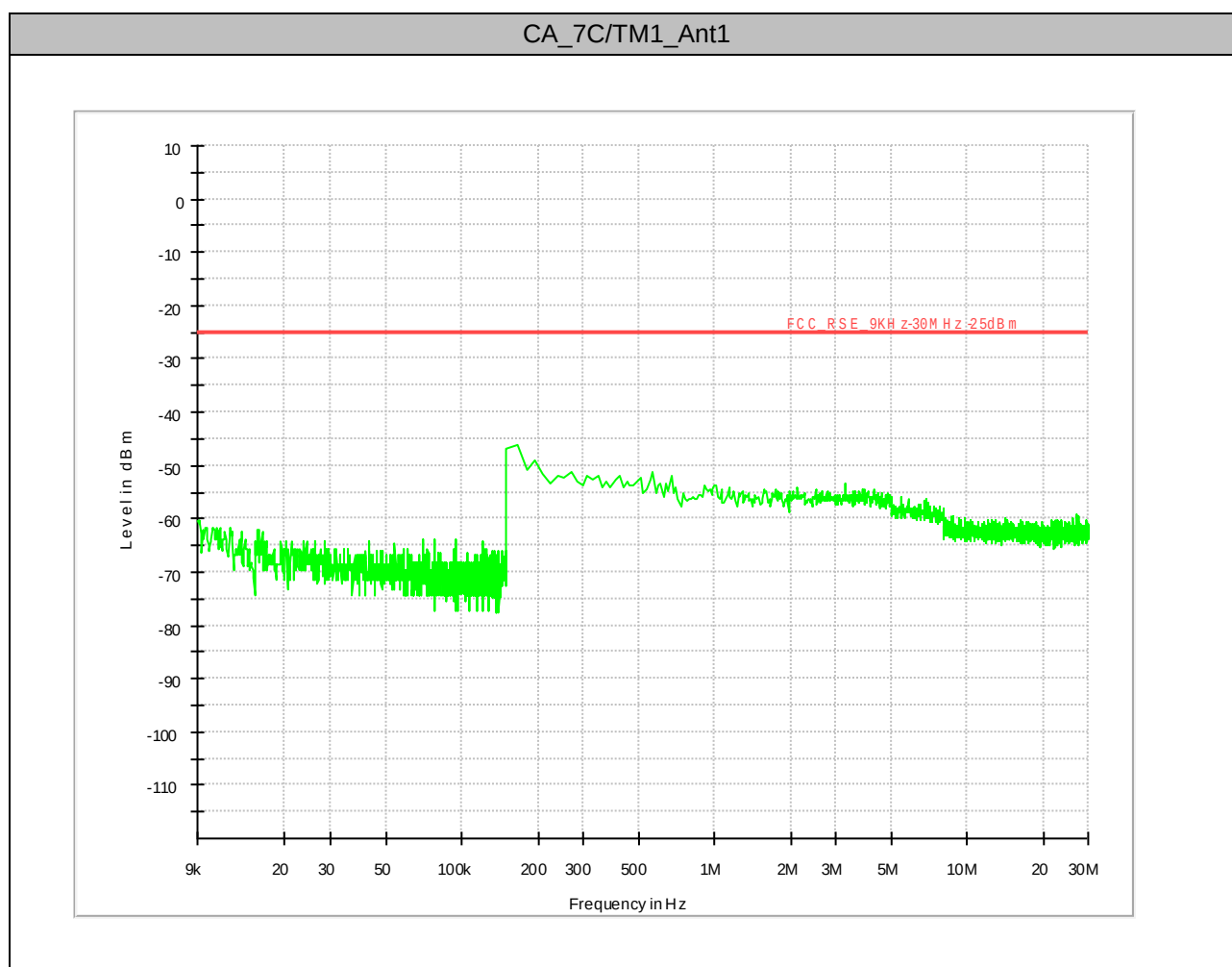
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

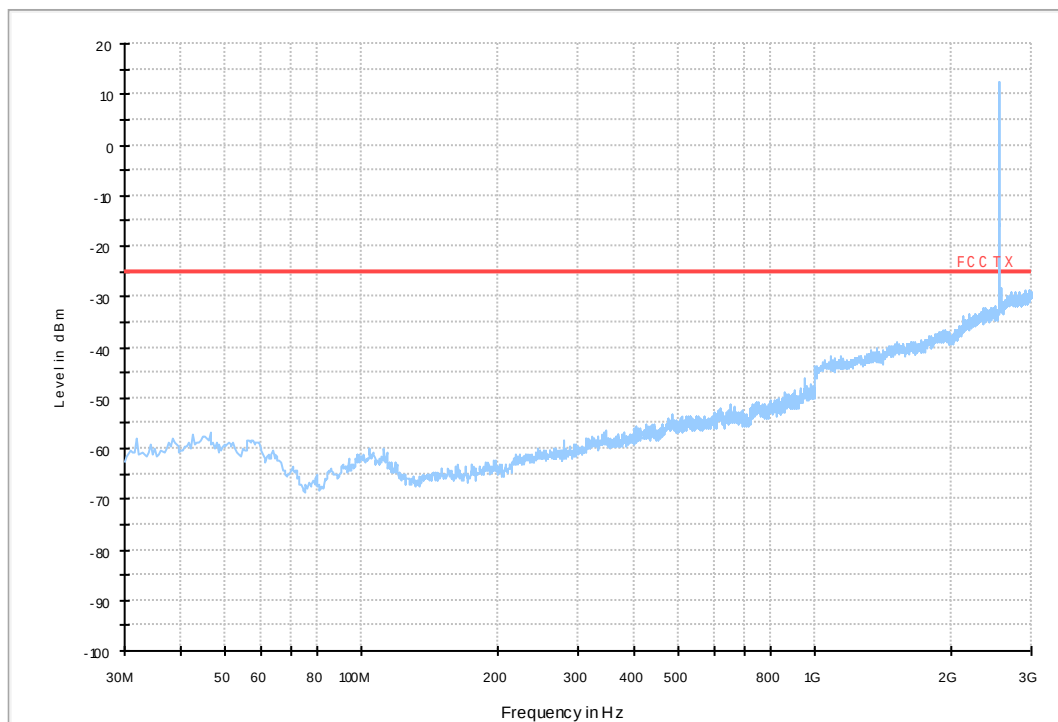
7.1 For LTE

7.1.1 Test Band = CA_7C

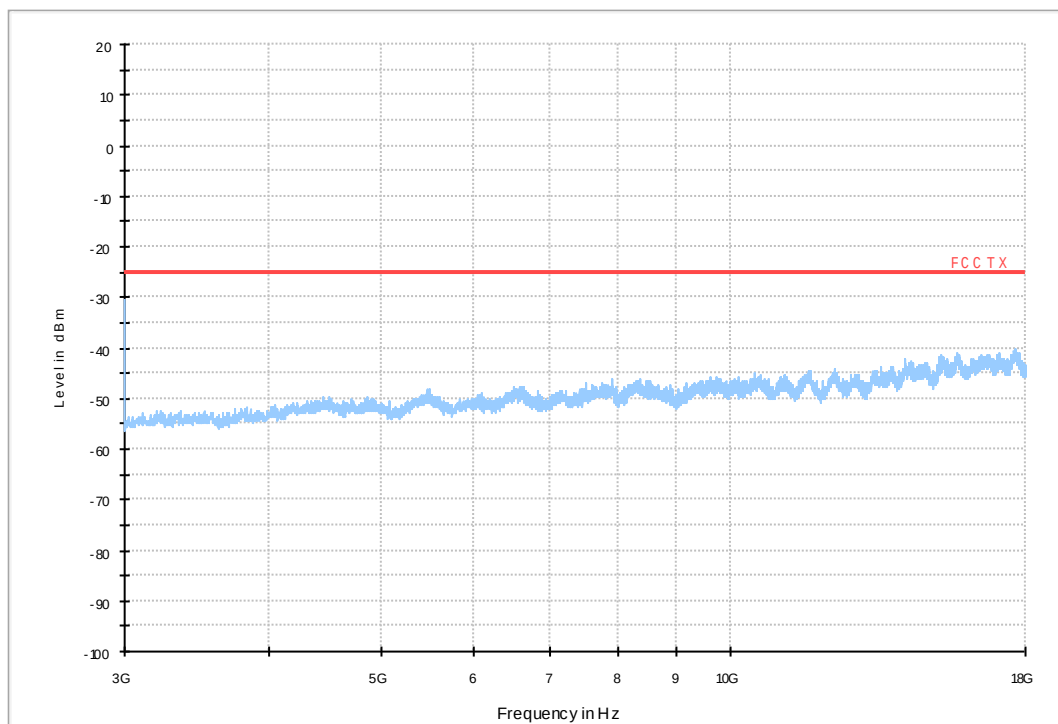
7.1.1.1 Test Bandwidth = 15+15



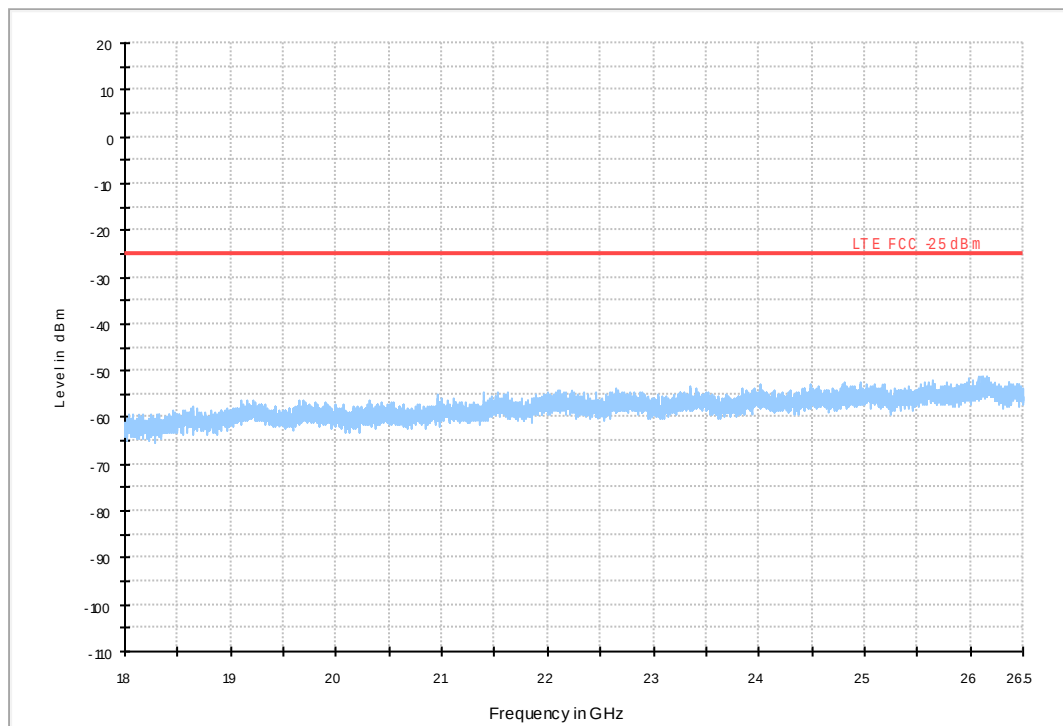
LTE Band 7 RSE-TX-DIRECTOR ABOVE 15G_L -25dBm limit



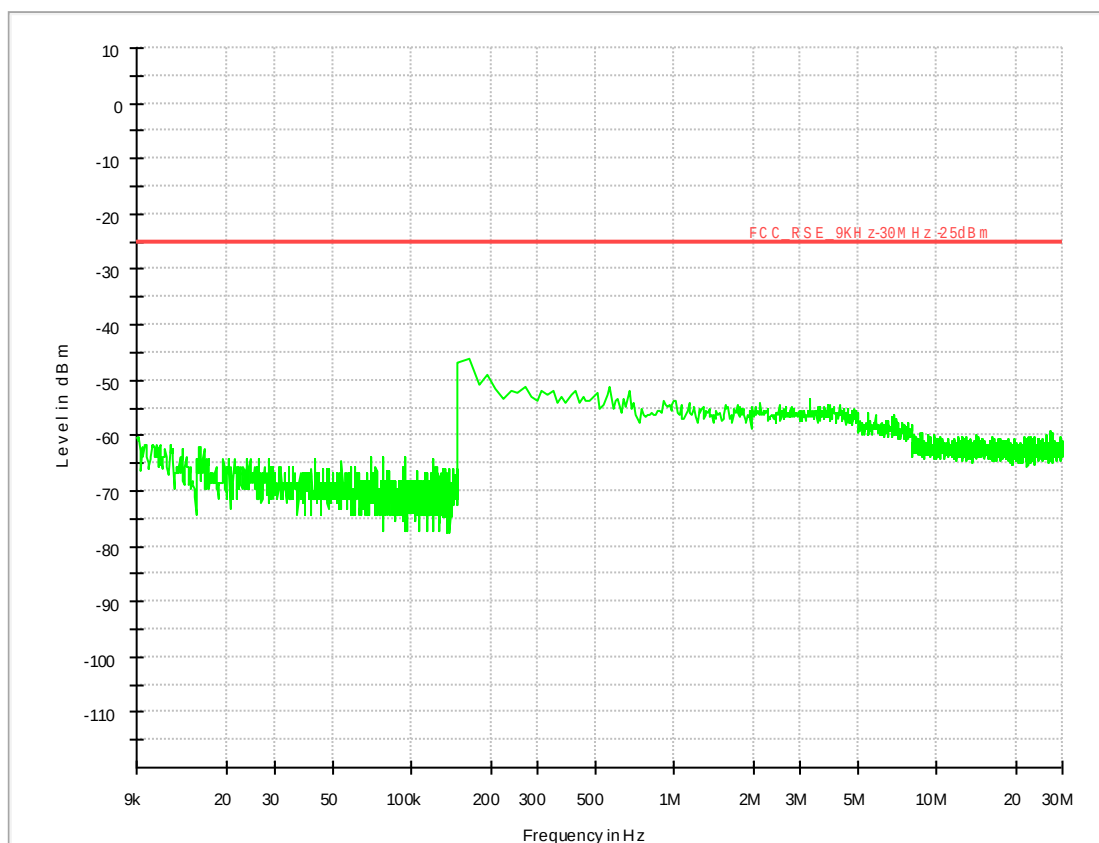
LTE FDD Band 7 RSE-TX-DIRECTOR ABOVE 15G_H -25dBm limit



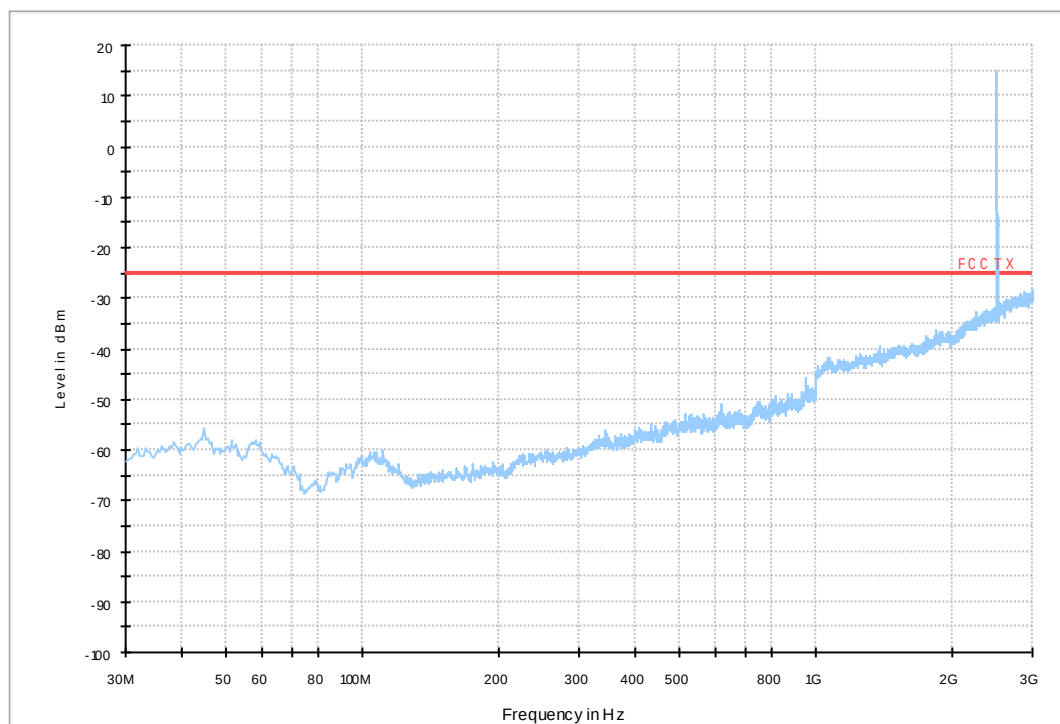
Copy of FCC18-26.5G



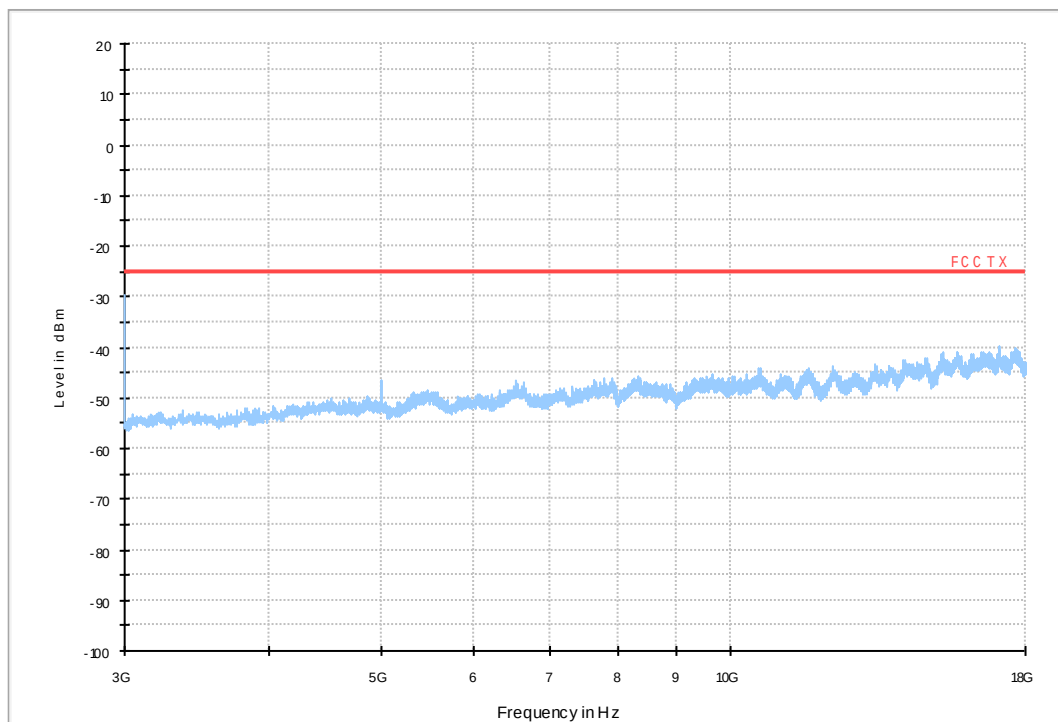
CA_7C/TM1_Ant2



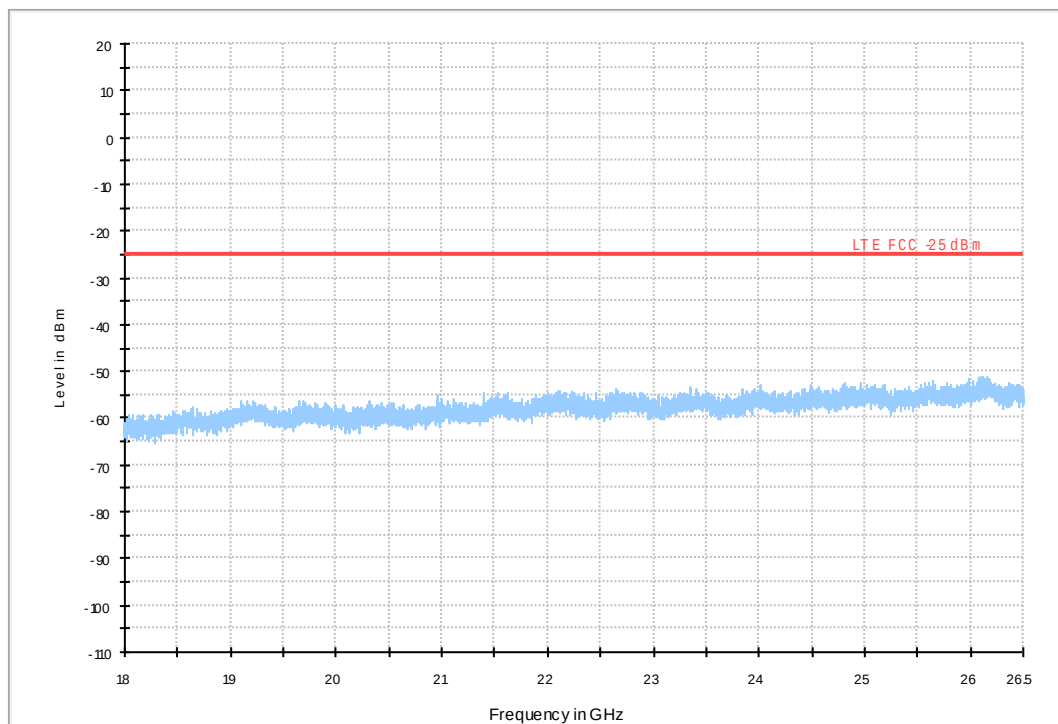
LTE Band 7 RSE-TX-DIRECTOR ABOVE 15G_L -25dBm limit



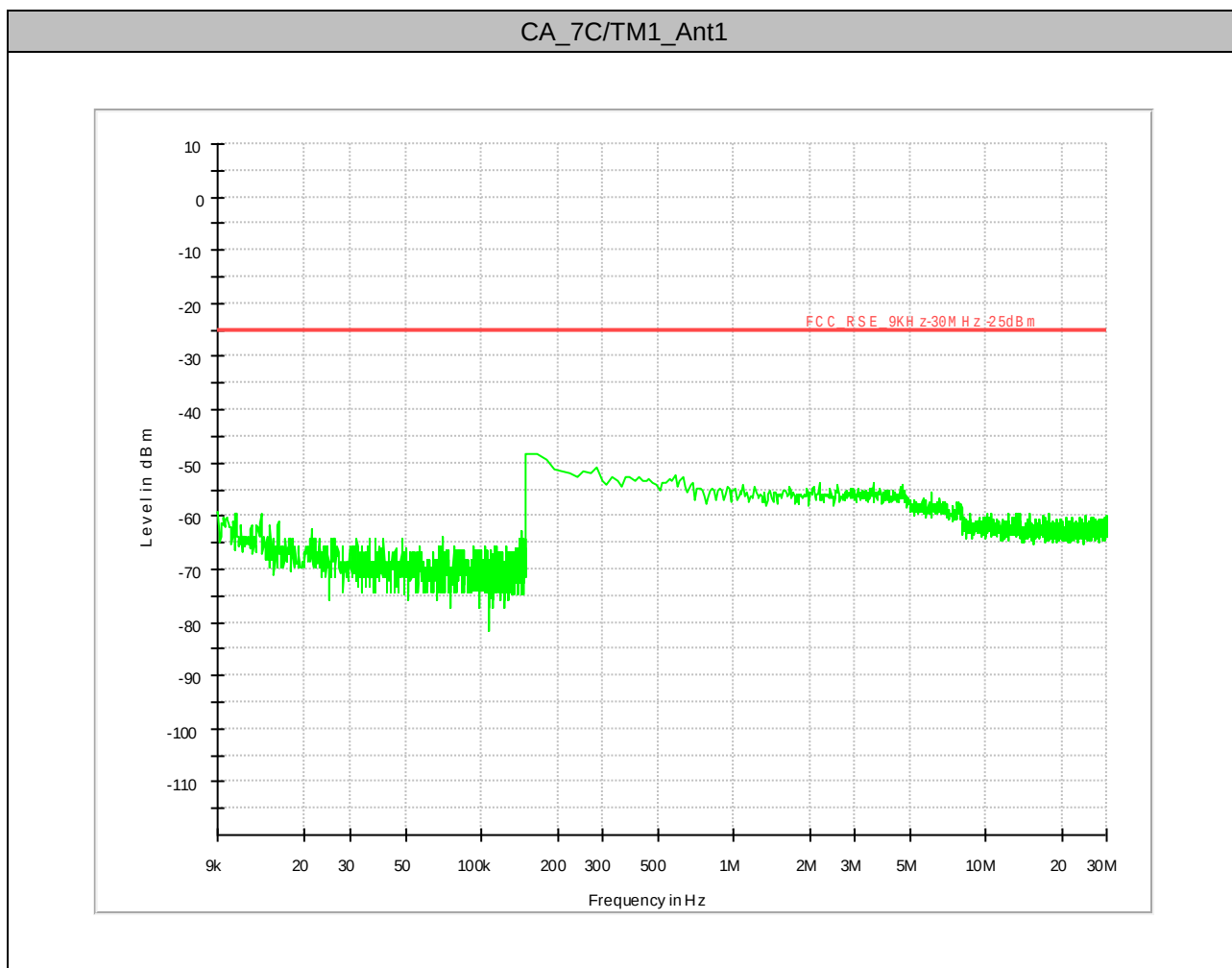
LTE FDD Band 7 RSE-TX-DIRECTOR ABOVE 1.5G_H -25dBm limit



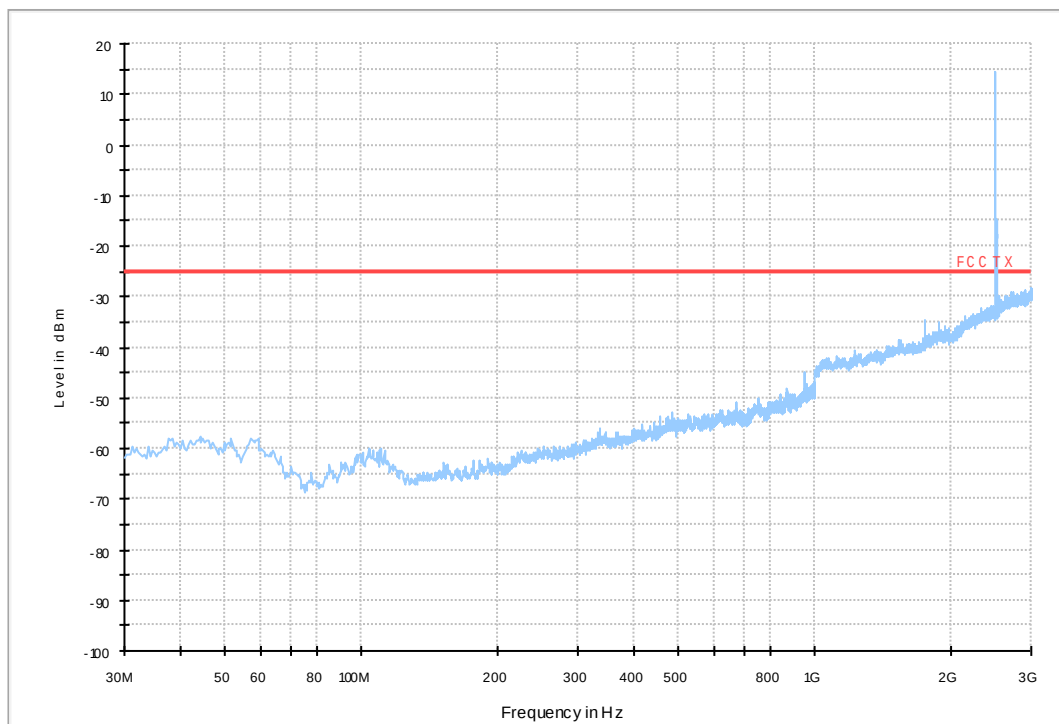
Copy of FCC18-26.5G



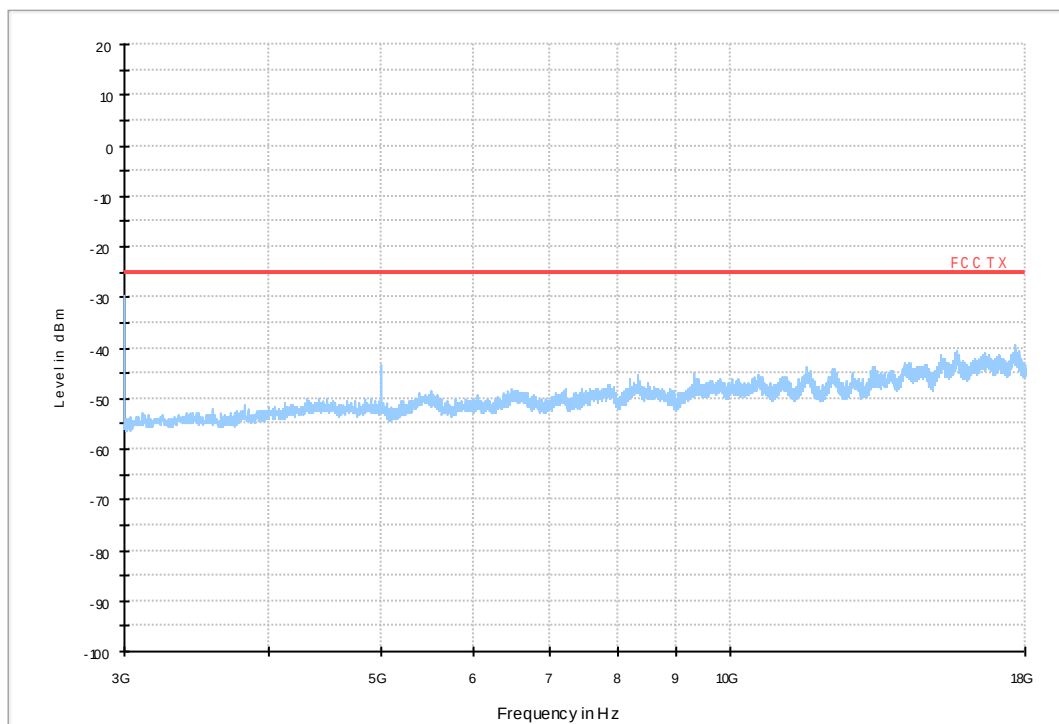
7.1.1.2 Test Bandwidth = 20+20



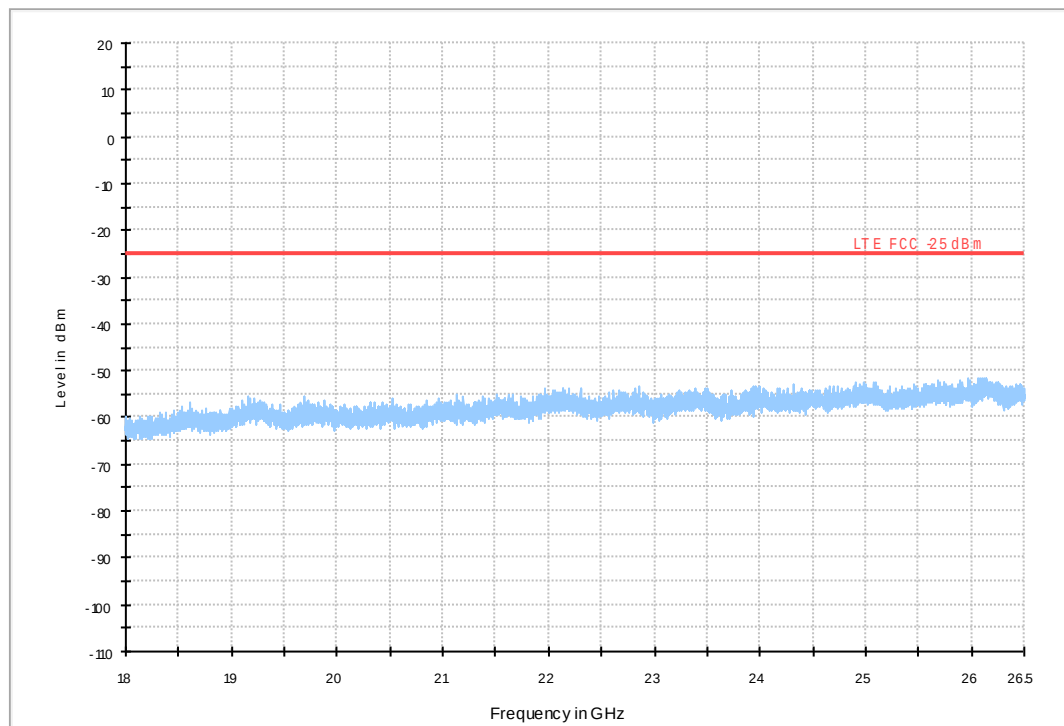
LTE Band 7 RSE-TX-DIRECTOR ABOVE 15G_L -25dBm limit



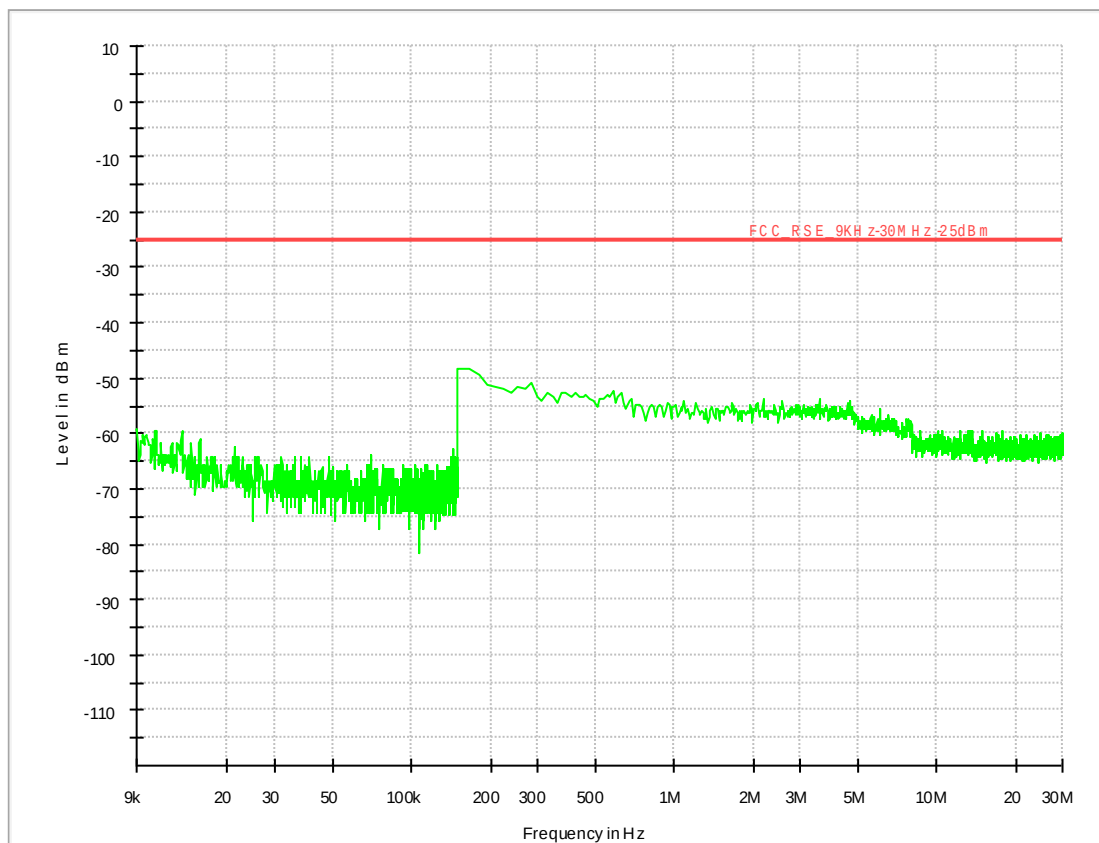
LTE FDD Band 7 RSE-TX-DIRECTOR ABOVE 15G_H -25dBm limit



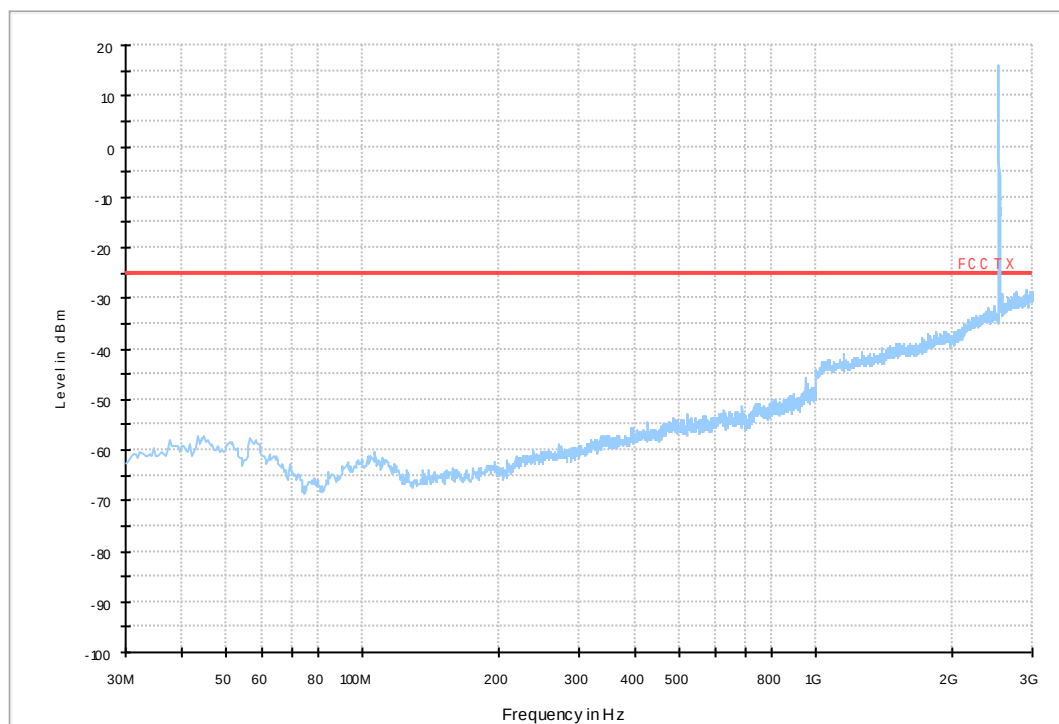
Copy of FCC18-26.5G



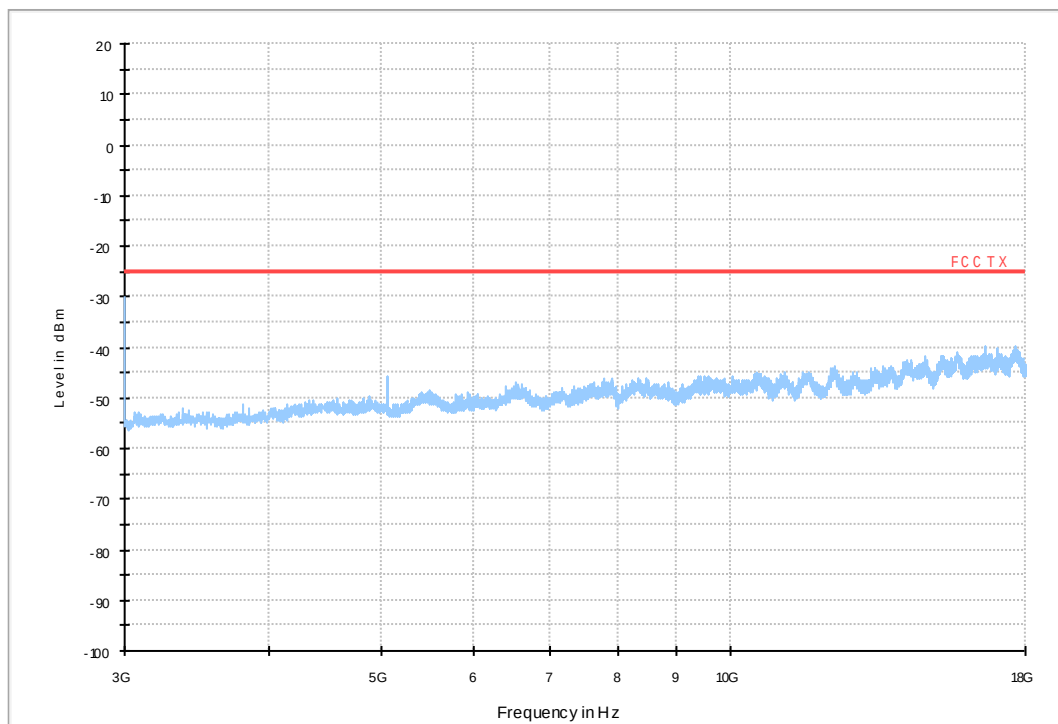
CA_7C/TM1_Ant2



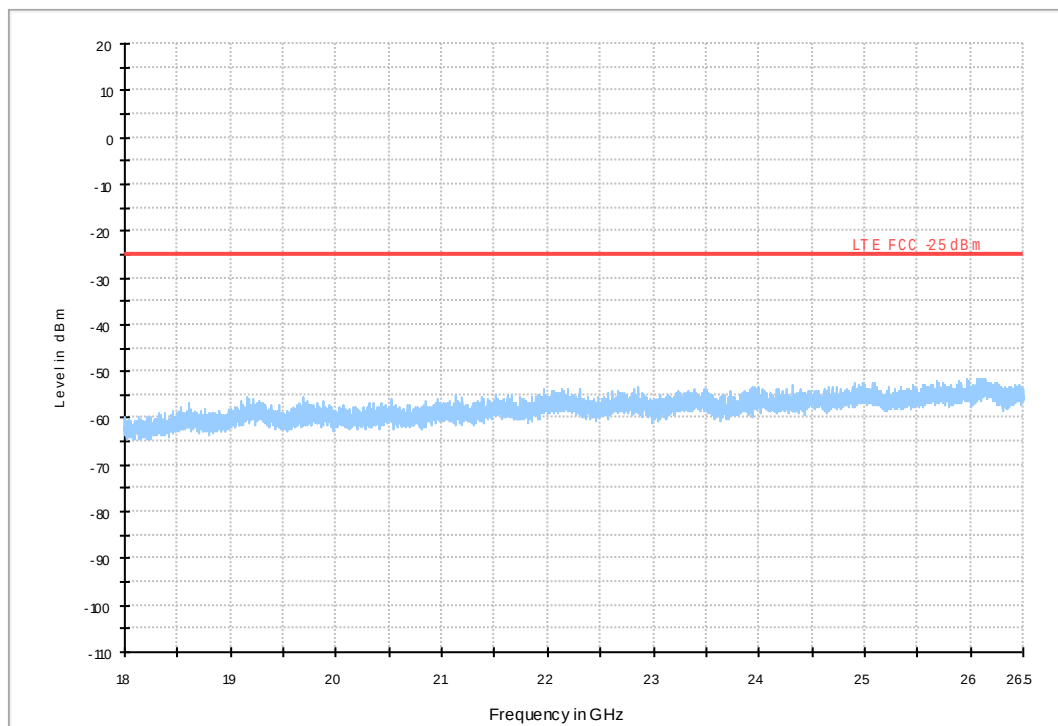
LTE Band 7 RSE-TX-DIRECTOR ABOVE 15G_L -25dBm limit



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



Copy of FCC18-26.5G



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	-35.99000	-0.01435	PASS
					VN	-48.32000	-0.01927	PASS
					VH	-40.66000	-0.01622	PASS
			MCH	TN	VL	-11.57000	-0.00458	PASS
					VN	-30.11000	-0.01191	PASS
					VH	-15.55000	-0.00615	PASS
			HCH	TN	VL	-7.84000	-0.00308	PASS
					VN	-15.35000	-0.00603	PASS
					VH	-9.17000	-0.00360	PASS
		20+20	LCH	TN	VL	-33.26000	-0.01325	PASS
					VN	-44.13000	-0.01758	PASS
					VH	-38.82000	-0.01547	PASS
			MCH	TN	VL	-11.40000	-0.00451	PASS
					VN	-26.55000	-0.01051	PASS
					VH	-11.72000	-0.00464	PASS
			HCH	TN	VL	-3.69000	-0.00145	PASS
					VN	-10.94000	-0.00431	PASS
					VH	-6.15000	-0.00242	PASS
	LTE/TM2	15+15	LCH	TN	VL	-15.95000	-0.00636	PASS
					VN	-42.46000	-0.01693	PASS
					VH	4.16000	0.00166	PASS
			MCH	TN	VL	-2.36000	-0.00093	PASS
					VN	-18.21000	-0.00720	PASS
					VH	-5.95000	-0.00235	PASS
			HCH	TN	VL	-5.32000	-0.00209	PASS
					VN	-6.37000	-0.00250	PASS
					VH	2.70000	0.00106	PASS
		20+20	LCH	TN	VL	-13.60000	-0.00542	PASS
					VN	-35.33000	-0.01408	PASS
					VH	-19.80000	-0.00789	PASS
			MCH	TN	VL	-3.63000	-0.00144	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				TN	VN	-17.87000	-0.00708	PASS
					VH	-5.19000	-0.00206	PASS
			HCH		VL	0.66000	0.00026	PASS
					VN	-5.84000	-0.00230	PASS
					VH	0.74000	0.00029	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	-40.93000	-0.01632	PASS
					-20	-40.94000	-0.01633	PASS
					-10	-42.54000	-0.01697	PASS
					0	-42.73000	-0.01704	PASS
					10	-41.34000	-0.01649	PASS
					20	-48.32000	-0.01927	PASS
					30	-43.07000	-0.01718	PASS
					40	-41.57000	-0.01658	PASS
					50	-43.04000	-0.01716	PASS
			MCH	VN	-30	-27.55000	-0.01090	PASS
					-20	-24.10000	-0.00954	PASS
					-10	-24.09000	-0.00953	PASS
					0	-28.32000	-0.01120	PASS
					10	-26.99000	-0.01068	PASS
					20	-30.11000	-0.01191	PASS
					30	-27.64000	-0.01094	PASS
					40	-27.17000	-0.01075	PASS
					50	-27.89000	-0.01103	PASS
			HCH	VN	-30	-6.64000	-0.00261	PASS
					-20	-15.19000	-0.00596	PASS
					-10	-13.73000	-0.00539	PASS
					0	-13.73000	-0.00539	PASS
					10	-17.47000	-0.00686	PASS
					20	-15.35000	-0.00603	PASS
					30	-15.72000	-0.00617	PASS
					40	-16.75000	-0.00658	PASS
					50	-14.25000	-0.00559	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	-40.87000	-0.01628	PASS
					-20	-43.26000	-0.01724	PASS
					-10	-48.58000	-0.01935	PASS
					0	-44.35000	-0.01767	PASS
					10	-45.82000	-0.01825	PASS
					20	-44.13000	-0.01758	PASS
					30	-47.49000	-0.01892	PASS
					40	-45.20000	-0.01801	PASS
					50	-47.18000	-0.01880	PASS
			MCH	VN	-30	-25.33000	-0.01003	PASS
					-20	-26.08000	-0.01033	PASS
					-10	-28.64000	-0.01134	PASS
					0	-26.25000	-0.01040	PASS
					10	-25.36000	-0.01004	PASS
					20	-26.55000	-0.01051	PASS
					30	-27.12000	-0.01074	PASS
					40	-27.11000	-0.01074	PASS
					50	-29.53000	-0.01169	PASS
			HCH	VN	-30	-11.07000	-0.00436	PASS
					-20	-11.13000	-0.00438	PASS
					-10	-11.30000	-0.00445	PASS
					0	-9.96000	-0.00392	PASS
					10	-11.09000	-0.00437	PASS
					20	-10.94000	-0.00431	PASS
					30	-12.19000	-0.00480	PASS
					40	-13.82000	-0.00544	PASS
					50	-11.27000	-0.00444	PASS
	LTE/TM2	15+15	LCH	VN	-30	-37.54000	-0.01497	PASS
					-20	-37.28000	-0.01487	PASS
					-10	-37.18000	-0.01483	PASS
					0	-38.35000	-0.01529	PASS
					10	-35.76000	-0.01426	PASS
					20	-42.46000	-0.01693	PASS
					30	-37.89000	-0.01511	PASS
					40	-38.64000	-0.01541	PASS
					50	-35.82000	-0.01429	PASS
			MCH	VN	-30	-22.39000	-0.00886	PASS
					-20	-17.77000	-0.00703	PASS
					-10	-14.33000	-0.00567	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	-17.52000	-0.00693	PASS
					10	-17.45000	-0.00690	PASS
					20	-18.21000	-0.00720	PASS
					30	-17.85000	-0.00706	PASS
					40	-20.20000	-0.00799	PASS
					50	-20.10000	-0.00795	PASS
			HCH	VN	-30	-6.68000	-0.00262	PASS
					-20	-8.45000	-0.00332	PASS
					-10	-10.07000	-0.00395	PASS
					0	-11.69000	-0.00459	PASS
					10	-7.85000	-0.00308	PASS
					20	-6.37000	-0.00250	PASS
					30	-6.28000	-0.00247	PASS
					40	-6.87000	-0.00270	PASS
					50	-8.44000	-0.00331	PASS
		20+20	LCH	VN	-30	-33.89000	-0.01350	PASS
					-20	-35.13000	-0.01400	PASS
					-10	-39.74000	-0.01583	PASS
					0	-36.22000	-0.01443	PASS
					10	-36.76000	-0.01465	PASS
					20	-35.33000	-0.01408	PASS
					30	-35.43000	-0.01412	PASS
					40	-38.42000	-0.01531	PASS
					50	-40.23000	-0.01603	PASS
			MCH	VN	-30	-14.58000	-0.00577	PASS
					-20	-15.05000	-0.00596	PASS
					-10	-15.98000	-0.00633	PASS
					0	-17.57000	-0.00696	PASS
					10	-17.27000	-0.00684	PASS
					20	-17.87000	-0.00708	PASS
					30	-16.19000	-0.00641	PASS
					40	-15.79000	-0.00625	PASS
					50	-17.85000	-0.00707	PASS
			HCH	VN	-30	-4.48000	-0.00176	PASS
					-20	-7.68000	-0.00302	PASS
					-10	-7.27000	-0.00286	PASS
					0	-10.17000	-0.00400	PASS
					10	-5.78000	-0.00228	PASS
					20	-5.84000	-0.00230	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-6.08000	-0.00239	PASS
					40	-5.15000	-0.00203	PASS
					50	-6.91000	-0.00272	PASS

END