6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0

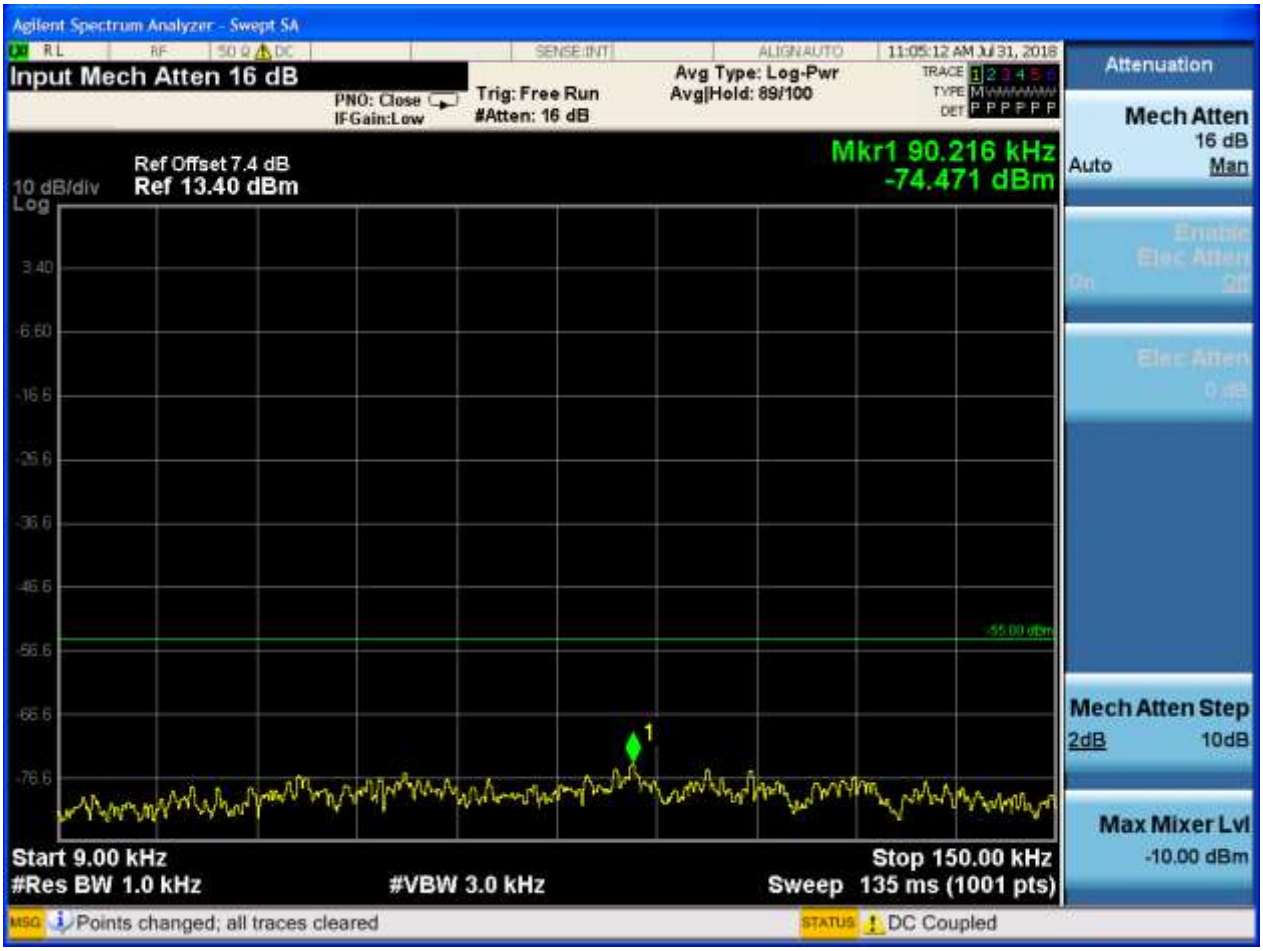
6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0

6.1.1.1.3 Test Bandwidth = 15

6.1.1.1.3.1 Test Channel = LCH

6.1.1.1.3.1.1 Test RB = RB1#0



6.1.1.1.3.2 Test Channel = MCH

6.1.1.1.3.2.1 Test RB = RB1#0

6.1.1.1.3.3 Test Channel = HCH

6.1.1.1.3.3.1 Test RB = RB1#0

6.1.1.1.4 Test Bandwidth = 20

6.1.1.1.4.1 Test Channel = LCH

6.1.1.1.4.1.1 Test RB = RB1#0

6.1.1.1.4.2 Test Channel = MCH

6.1.1.1.4.2.1 Test RB = RB1#0

6.1.1.1.4.3 Test Channel = HCH

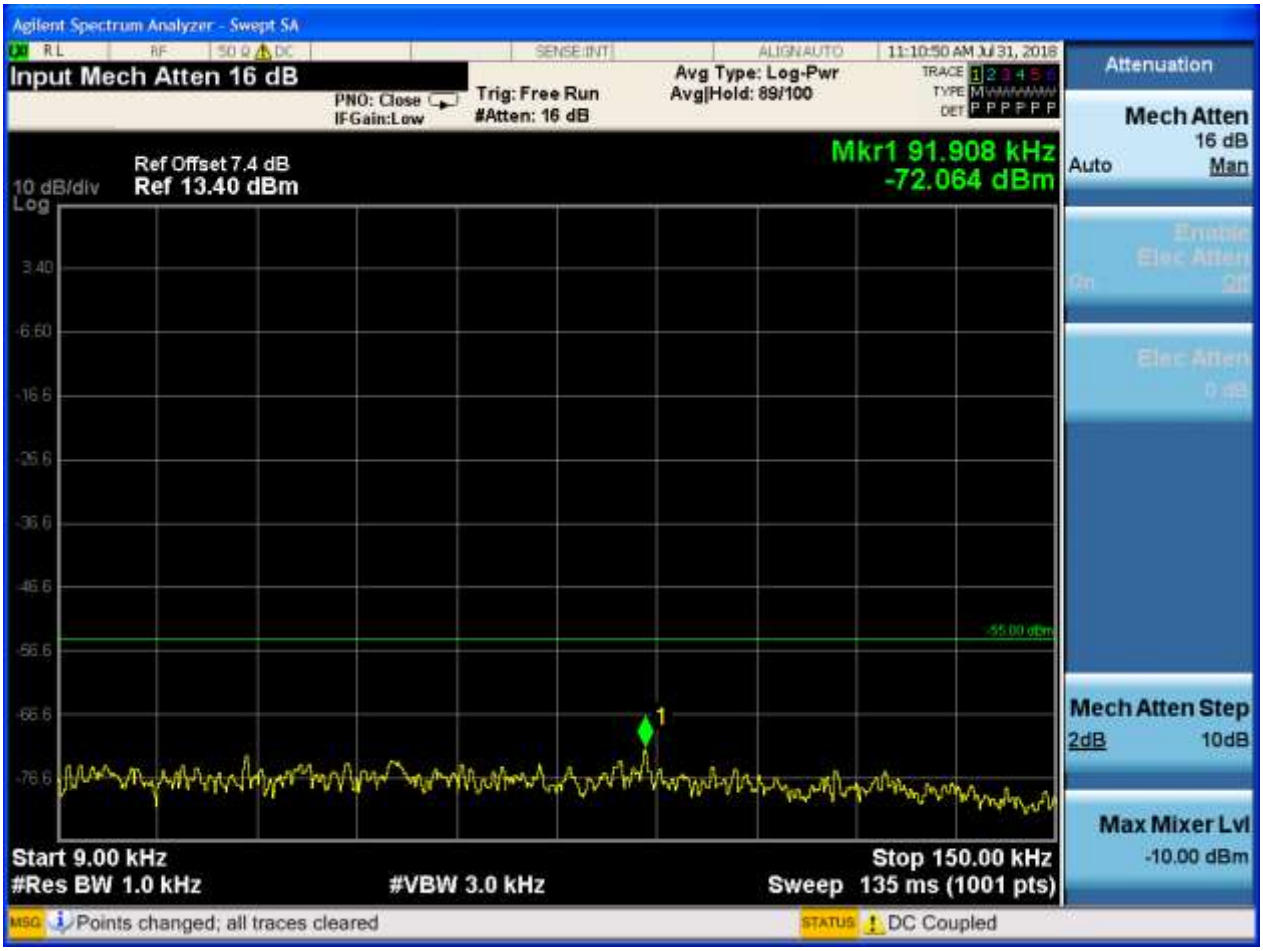
6.1.1.1.4.3.1 Test RB = RB1#0

6.1.1.2 Test Mode = LTE/TM2

6.1.1.2.1 Test Bandwidth = 5

6.1.1.2.1.1 Test Channel = LCH

####### 6.1.1.2.1.1.1 Test RB = RB1#0



6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0

6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0

6.1.1.2.2 Test Bandwidth = 10

6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0

6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0

6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0

6.1.1.2.3 Test Bandwidth = 15

6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0

6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0

6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0

6.1.1.2.4 Test Bandwidth = 20

6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0

6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0

6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 Test RB = RB1#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

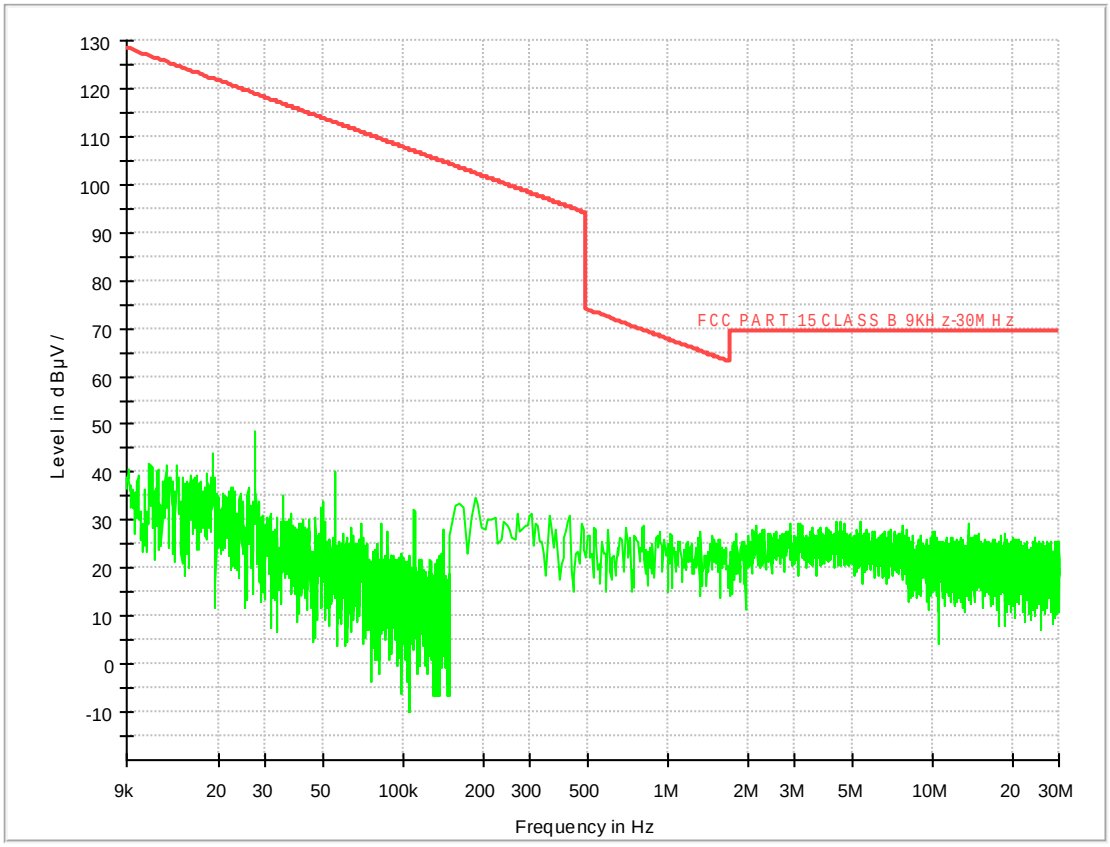
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

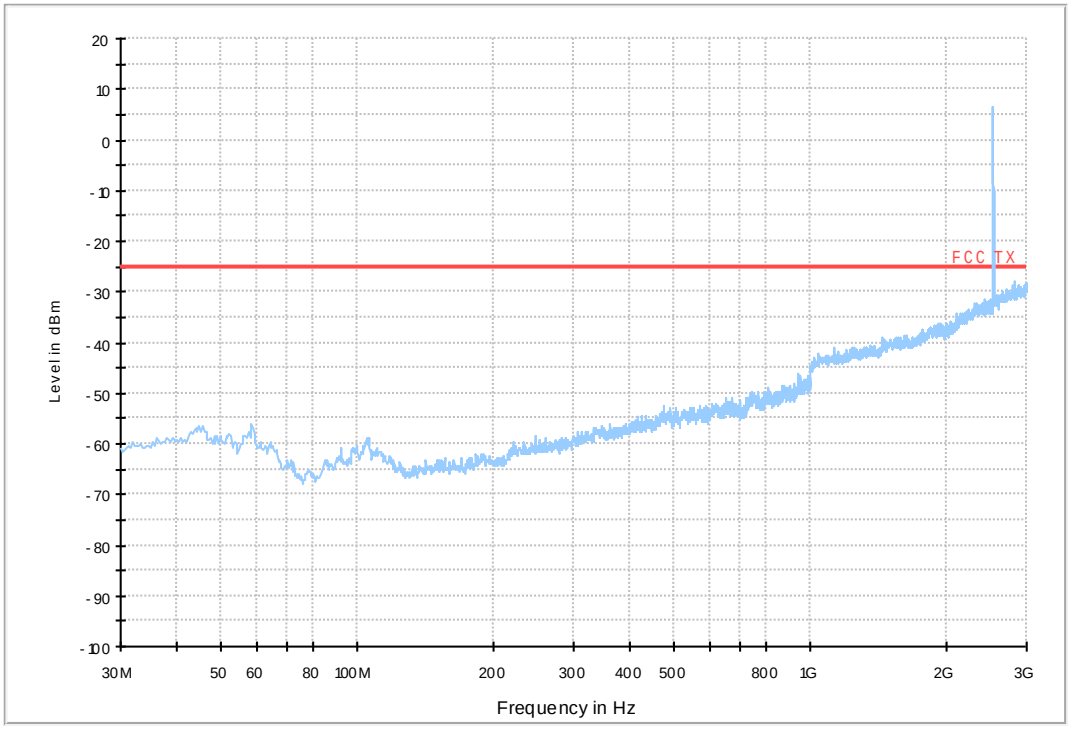
7.1 For LTE

7.1.1 Test Band = BAND7-Ant1

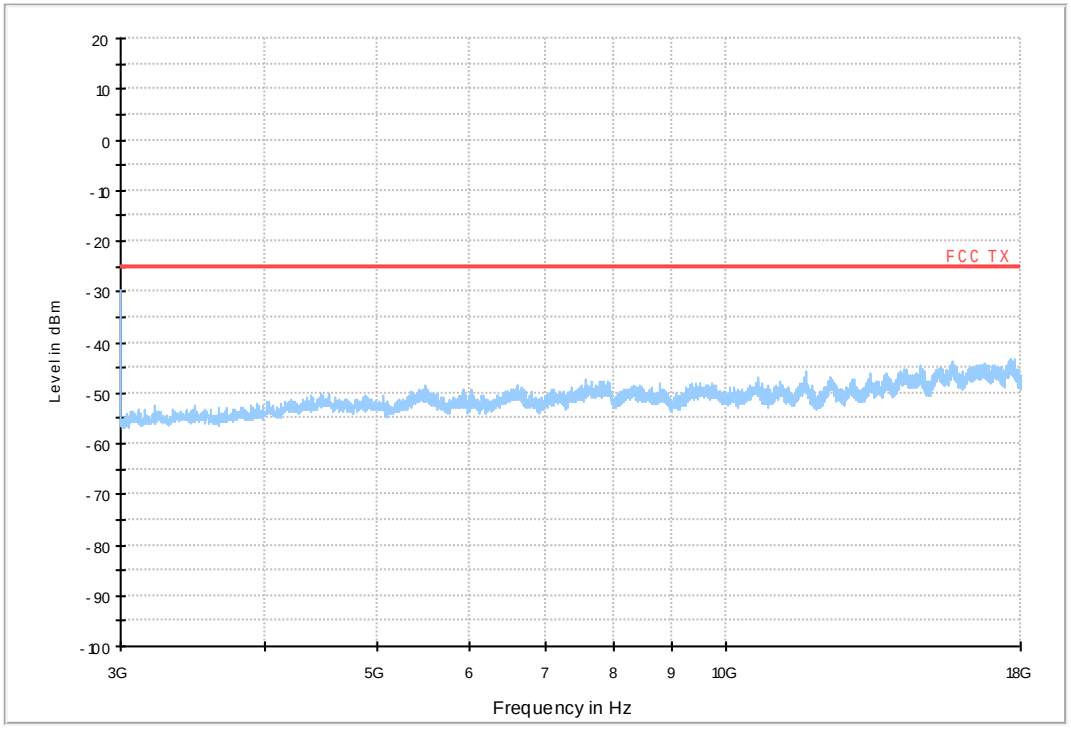
7.1.1.1 Test Bandwidth = 5



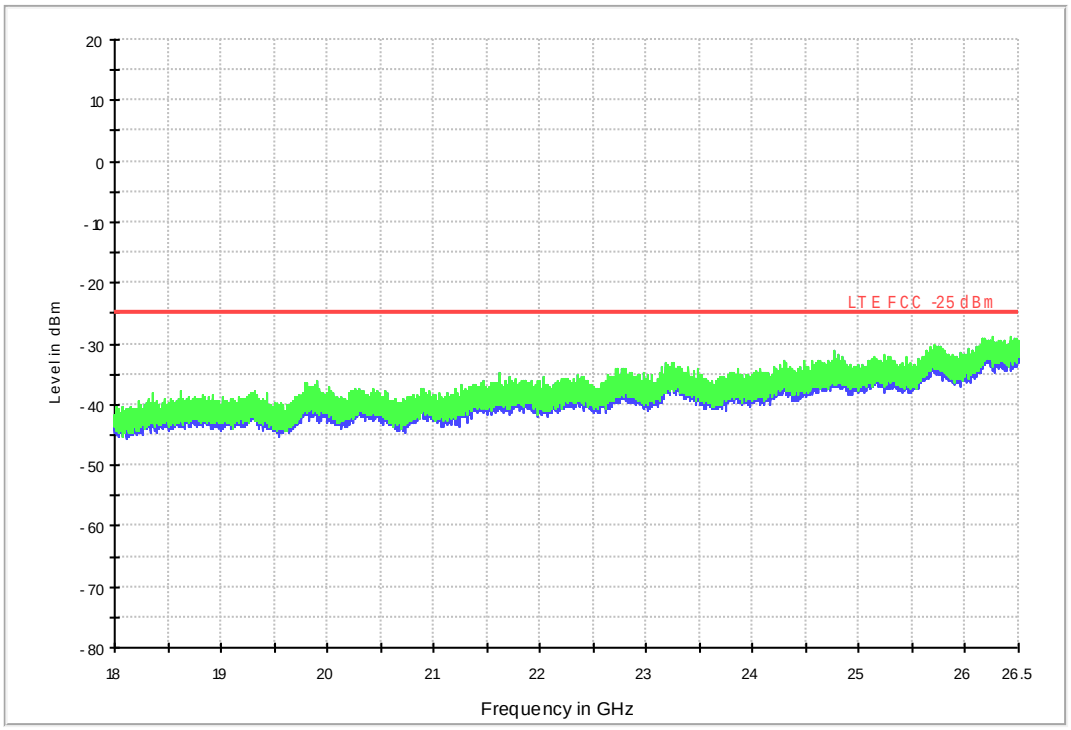
LTE Band 7 RSE-TX-DIRECTOR ABOVE 1.5G_L -25dBm limit



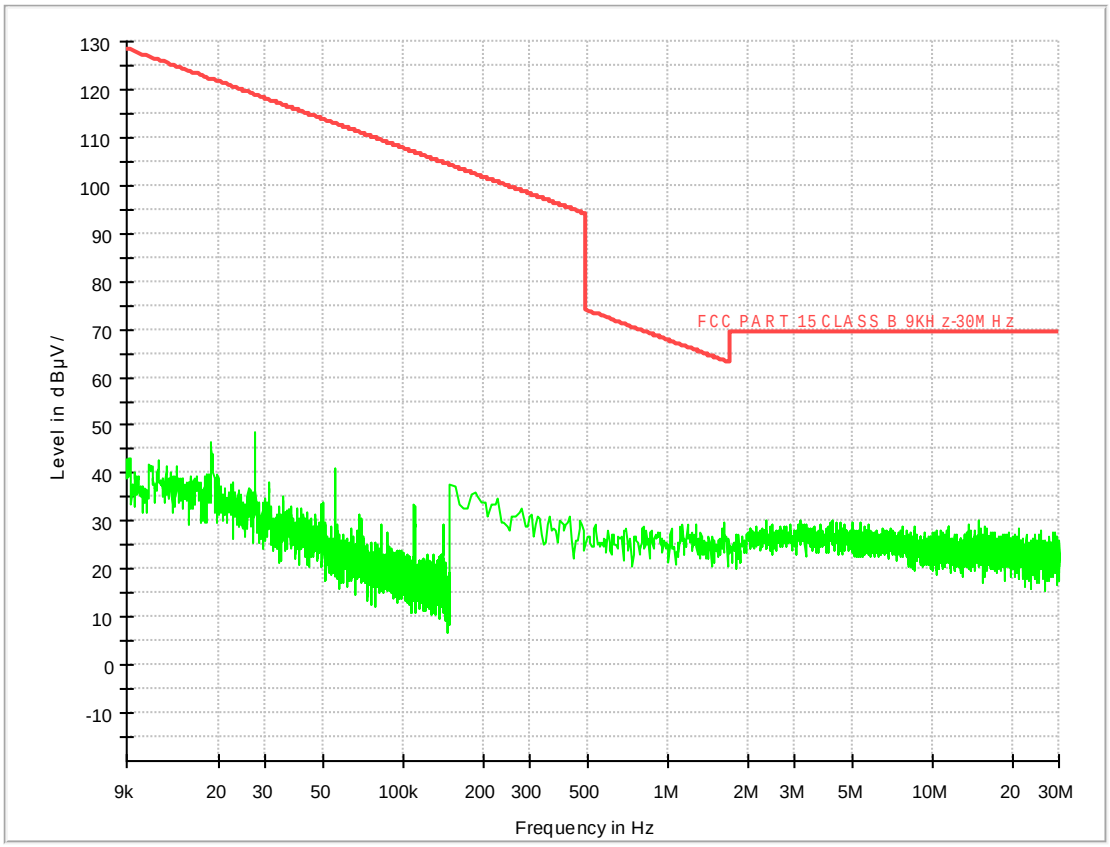
LTE FDD Band 7 RSE-TX-DIRECTOR ABOVE 1.5G_H -25dBm limit



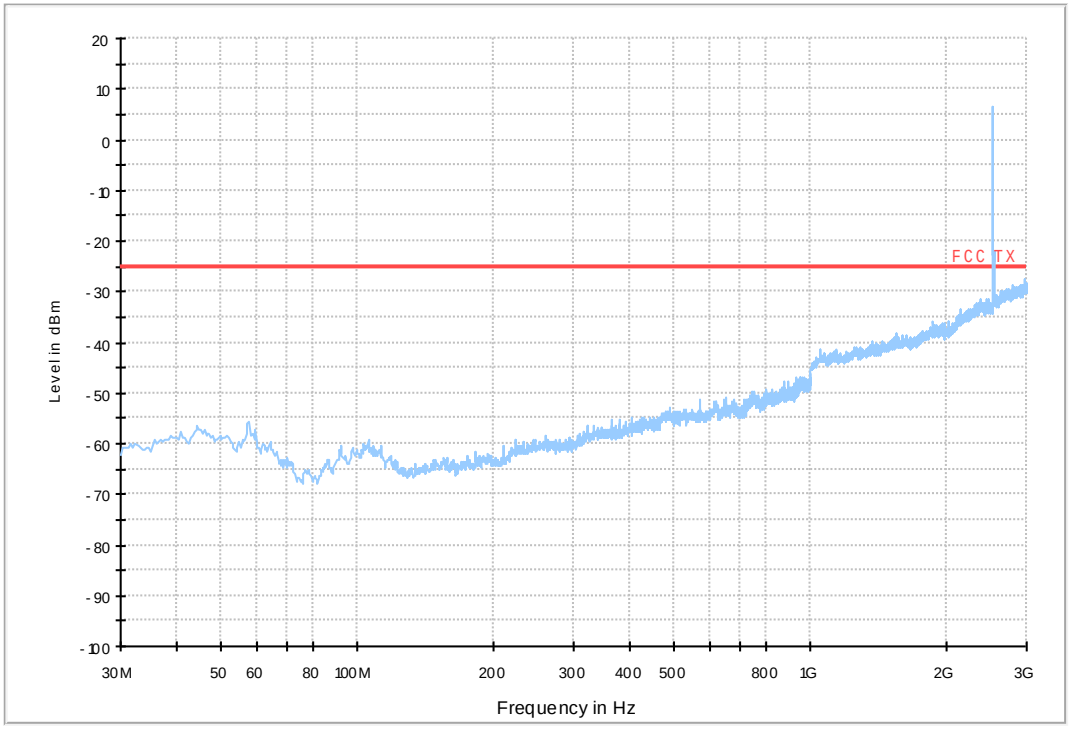
18G~26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK



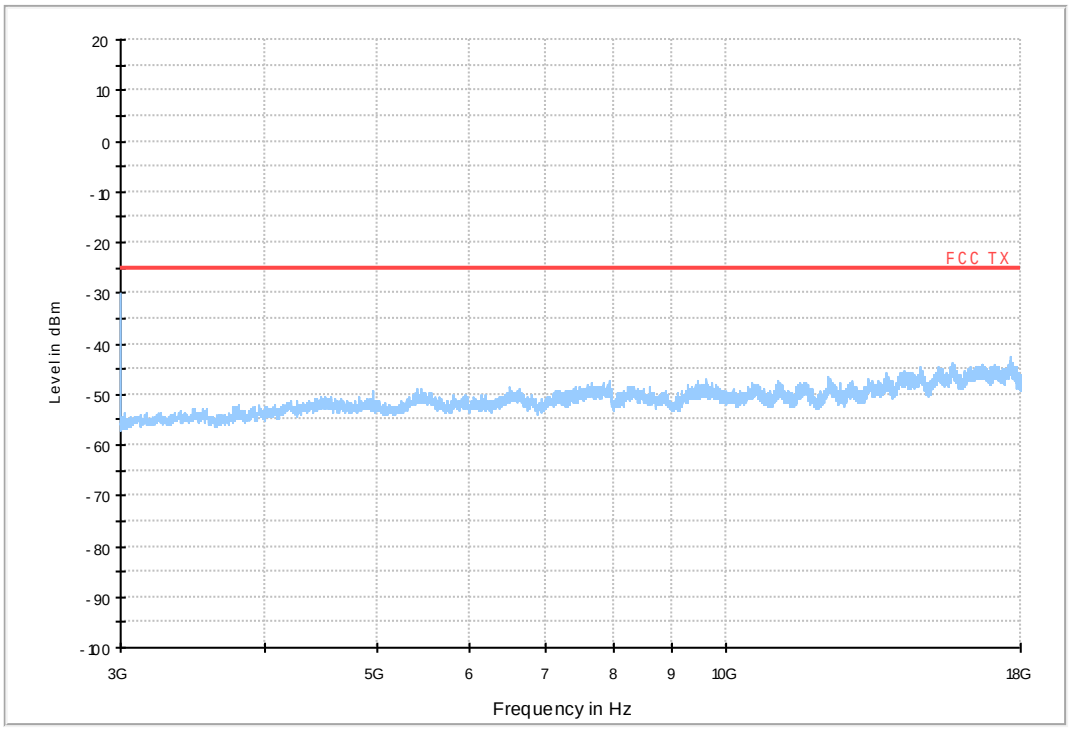
7.1.1.2 Test Bandwidth = 20



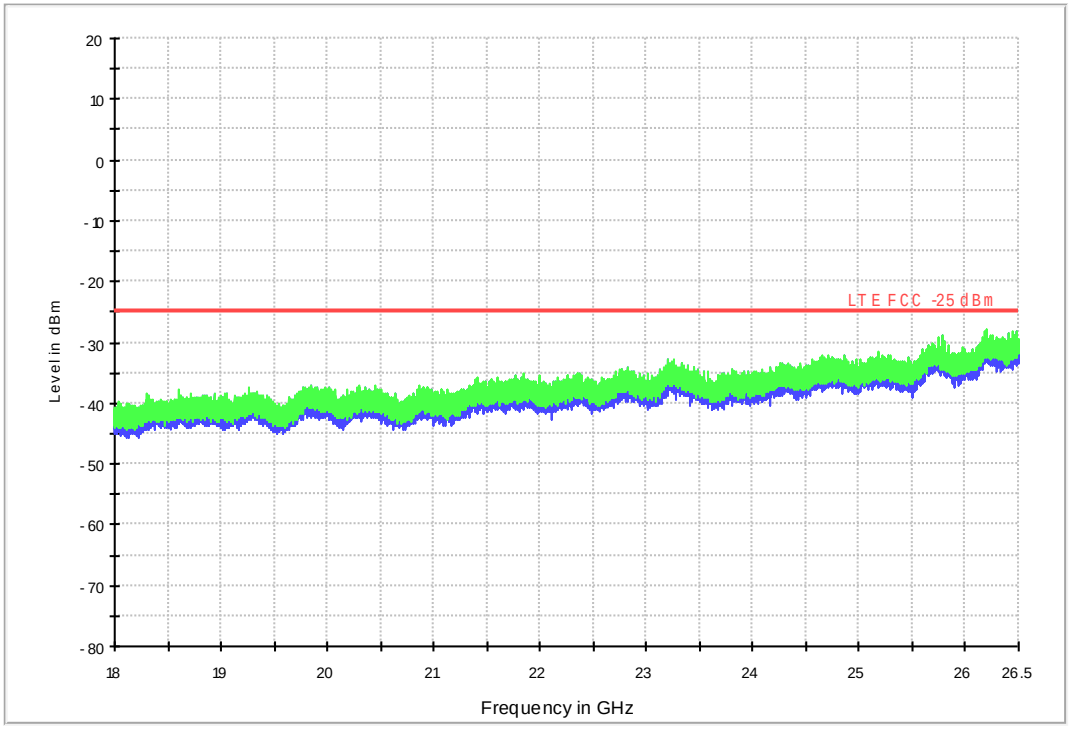
LTE Band 7 RSE-TX-DIRECTOR ABOVE 1.5G_L -25dBm limit



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

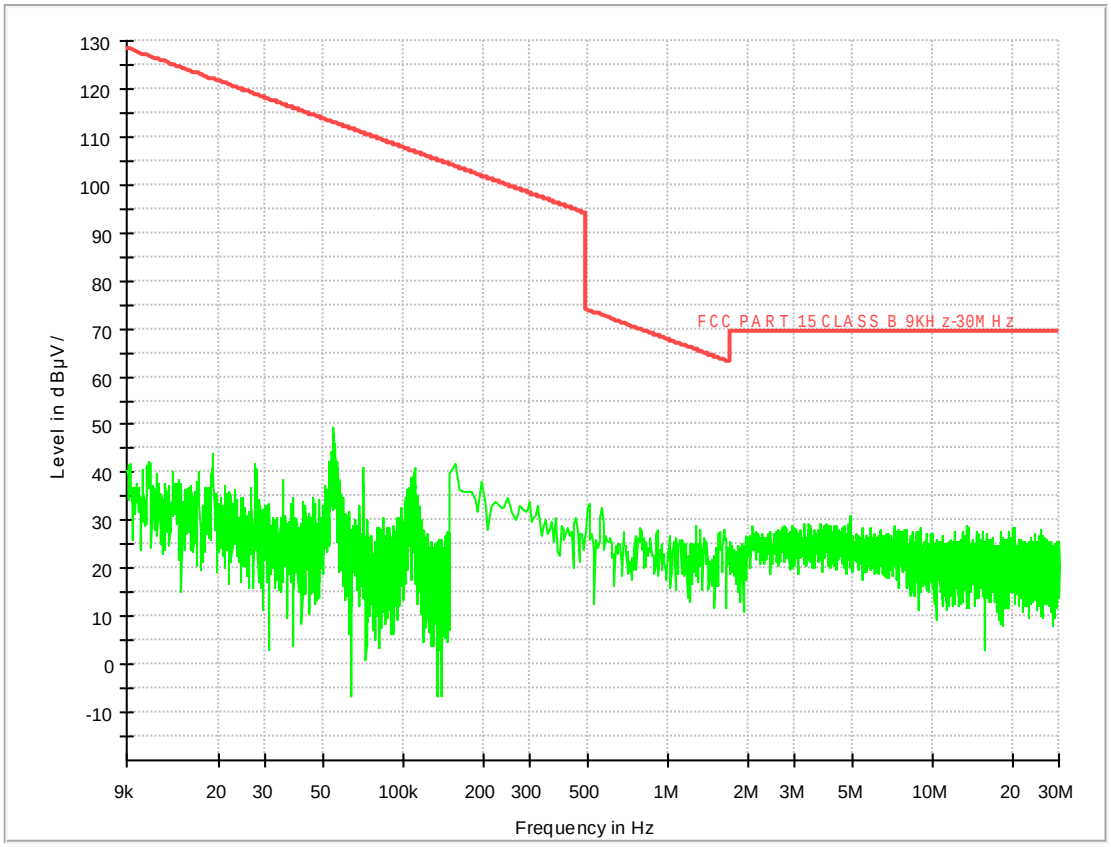


18G~26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK

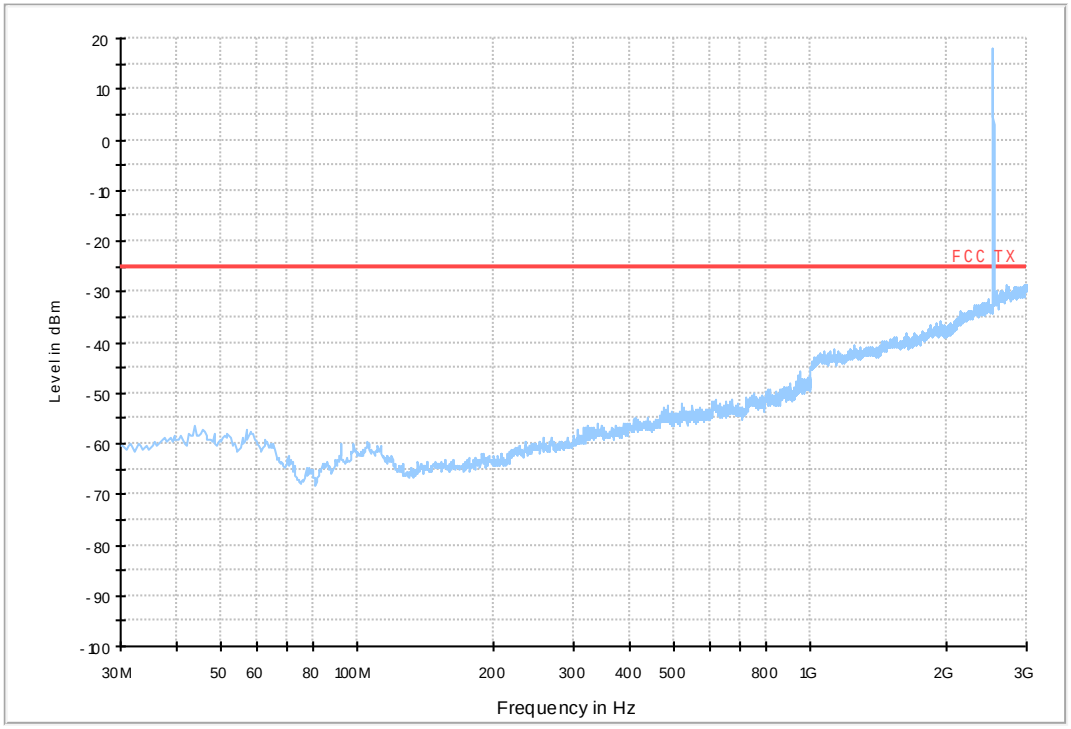


7.1.2 Test Band = BAND7-Ant2

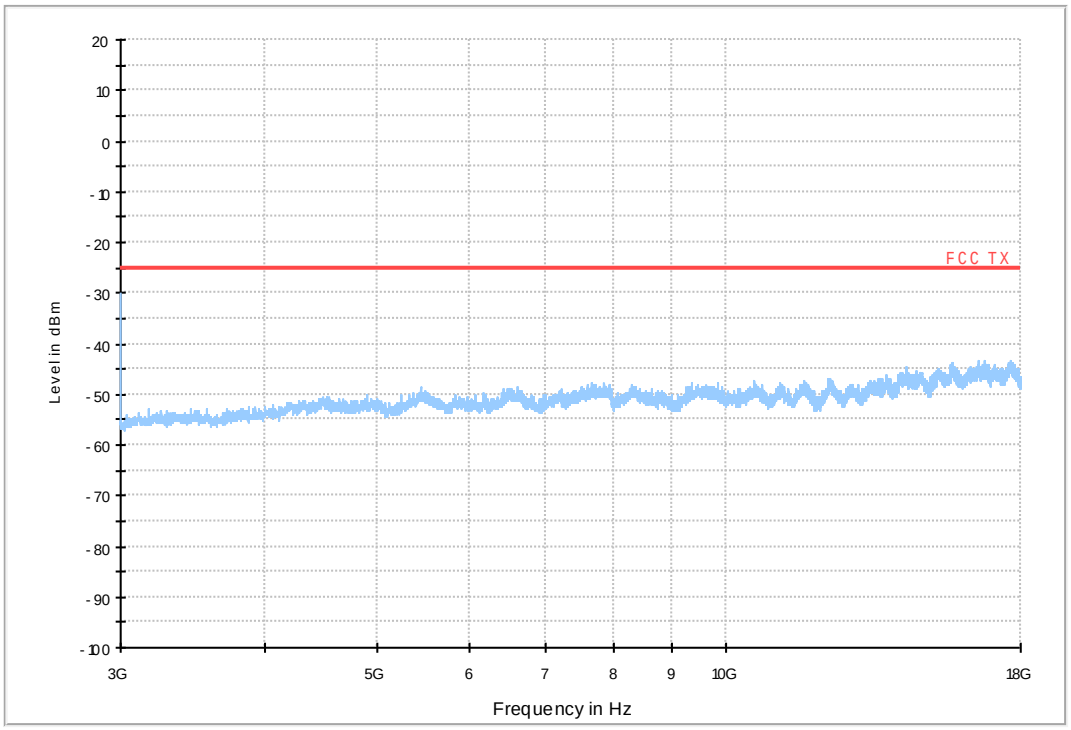
7.1.2.1 Test Bandwidth = 5



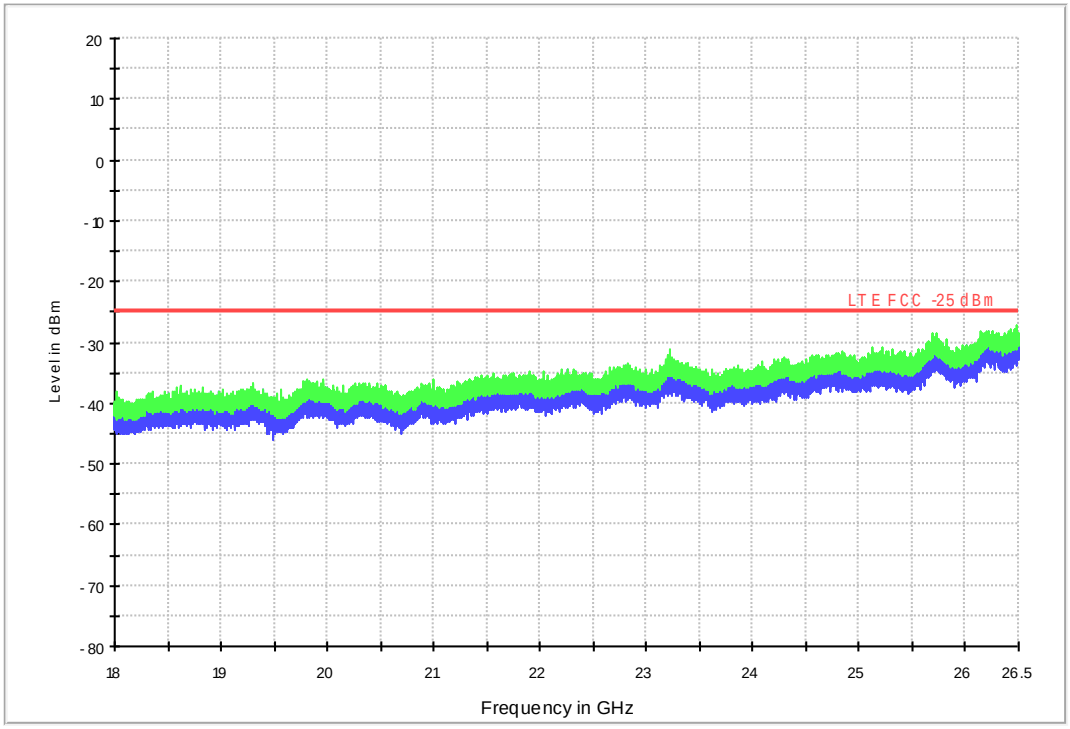
LTE Band 7 RSE-TX-DIRECTOR ABOVE 1.5G_L -25dBm limit



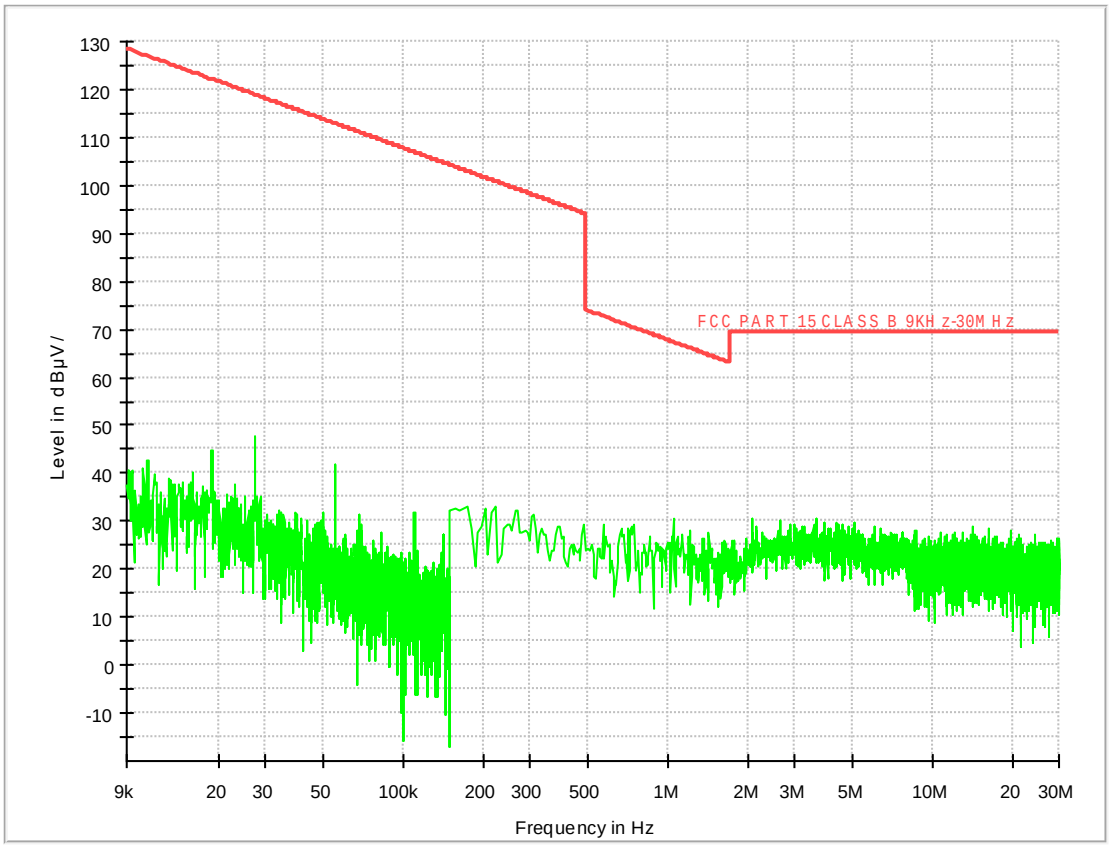
LTE FDD Band 7 RSE-TX-DIRECTOR ABOVE 1.5G_H -25dBm limit



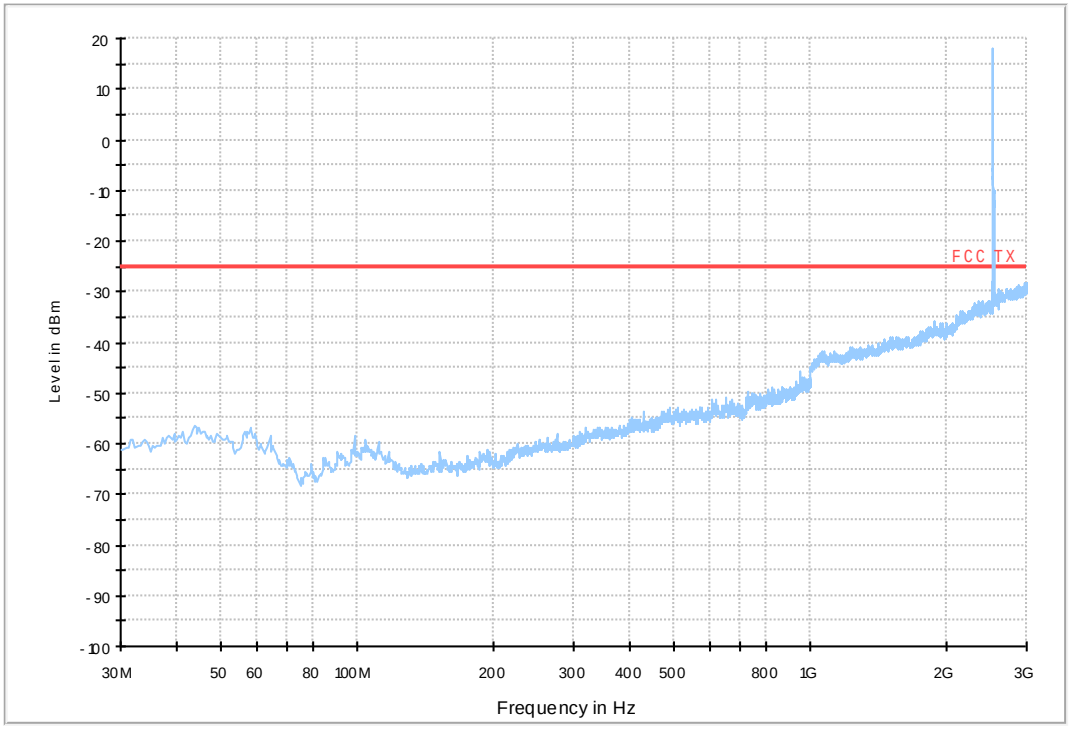
18G~26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK



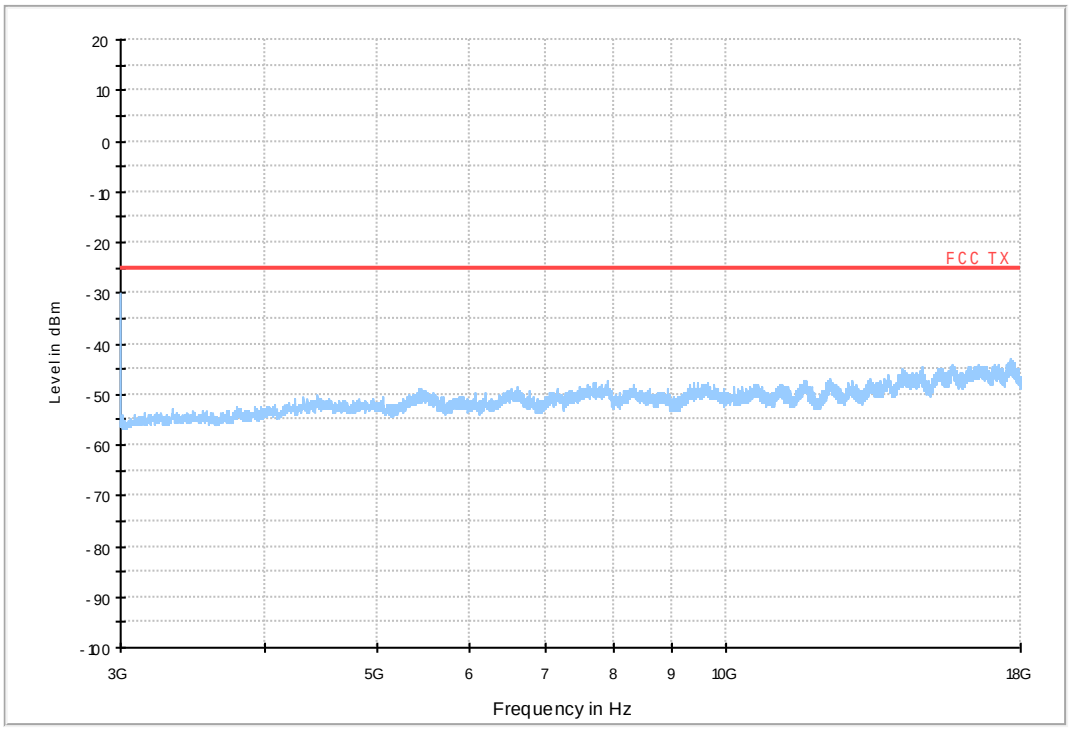
7.1.2.2 Test Bandwidth = 20



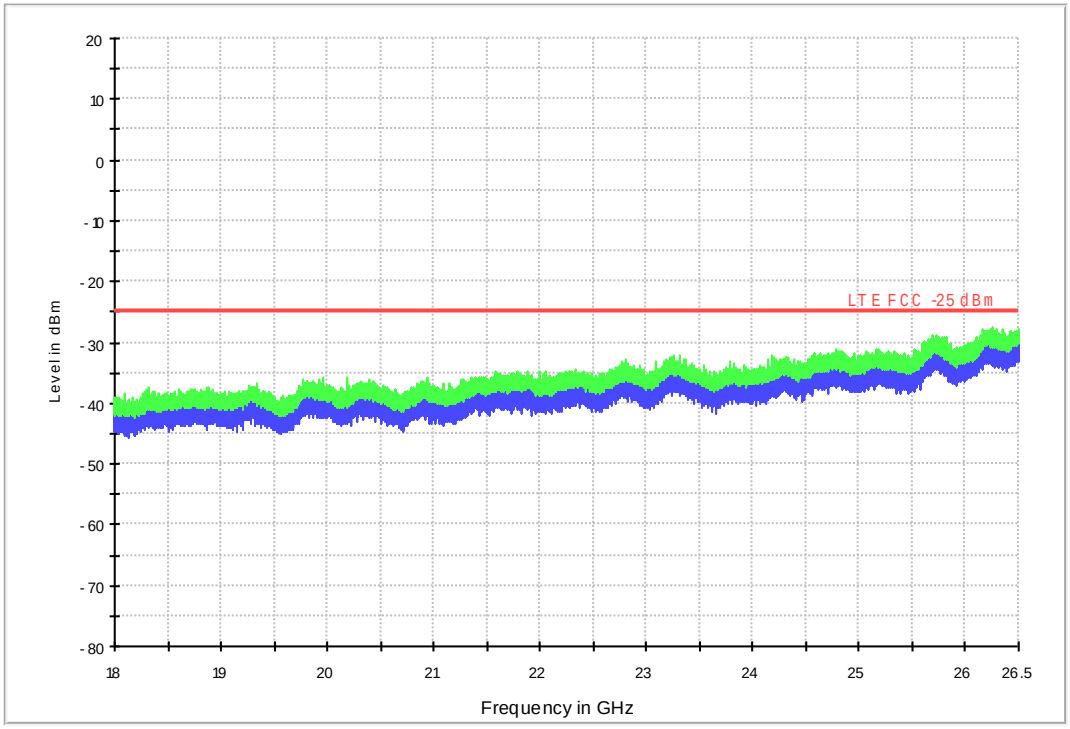
LTE Band 7 RSE-TX-DIRECTOR ABOVE 1.5G_L -25dBm limit



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



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



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
BAND7	LTE/TM1	5	LCH	TN	VL	-8.17	-0.00326	PASS
					VN	-16.99	-0.00679	PASS
					VH	-16.01	-0.0064	PASS
			MCH	TN	VL	6.57	0.00259	PASS
					VN	0.92	0.00036	PASS
					VH	-0.01	0	PASS
			HCH	TN	VL	0.89	0.00035	PASS
					VN	0.41	0.00016	PASS
					VH	1.12	0.00044	PASS
		10	LCH	TN	VL	-12.10	-0.00483	PASS
					VN	-4.95	-0.00198	PASS
					VH	3.25	0.0013	PASS
			MCH	TN	VL	3.93	0.00155	PASS
					VN	5.75	0.00227	PASS
					VH	-1.60	-0.00063	PASS
			HCH	TN	VL	-2.99	-0.00117	PASS
					VN	4.49	0.00175	PASS
					VH	1.89	0.00074	PASS
		15	LCH	TN	VL	-2.49	-0.00099	PASS
					VN	-9.83	-0.00392	PASS
					VH	-4.82	-0.00192	PASS
			MCH	TN	VL	4.73	0.00187	PASS
					VN	1.14	0.00045	PASS
					VH	2.68	0.00106	PASS
			HCH	TN	VL	5.25	0.00205	PASS
					VN	-1.09	-0.00043	PASS
					VH	3.75	0.00146	PASS
		20	LCH	TN	VL	-5.72	-0.00228	PASS
					VN	-2.33	-0.00093	PASS
					VH	-4.96	-0.00198	PASS
			MCH	TN	VL	-0.90	-0.00036	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-0.20	-0.00008	PASS
					VH	-1.10	-0.00043	PASS
			HCH	TN	VL	3.39	0.00132	PASS
					VN	2.55	0.001	PASS
					VH	2.03	0.00079	PASS
	LTE/TM2	5	LCH	TN	VL	-13.07	-0.00522	PASS
					VN	-11.56	-0.00462	PASS
					VH	-20.50	-0.00819	PASS
			MCH	TN	VL	-5.82	-0.0023	PASS
					VN	7.32	0.00289	PASS
					VH	1.72	0.00068	PASS
			HCH	TN	VL	5.49	0.00214	PASS
					VN	0.84	0.00033	PASS
					VH	1.04	0.00041	PASS
		10	LCH	TN	VL	4.22	0.00168	PASS
					VN	3.09	0.00123	PASS
					VH	1.06	0.00042	PASS
			MCH	TN	VL	-3.28	-0.00129	PASS
					VN	1.36	0.00054	PASS
					VH	-2.89	-0.00114	PASS
			HCH	TN	VL	1.72	0.00067	PASS
					VN	-2.15	-0.00084	PASS
					VH	8.61	0.00336	PASS
		15	LCH	TN	VL	2.68	0.00107	PASS
					VN	2.19	0.00087	PASS
					VH	0.93	0.00037	PASS
			MCH	TN	VL	-4.05	-0.0016	PASS
					VN	1.83	0.00072	PASS
					VH	2.82	0.00111	PASS
			HCH	TN	VL	-1.07	-0.00042	PASS
					VN	-0.17	-0.00007	PASS
					VH	0.86	0.00034	PASS
		20	LCH	TN	VL	2.60	0.00104	PASS
					VN	-3.16	-0.00126	PASS
					VH	-0.96	-0.00038	PASS
			MCH	TN	VL	-3.03	-0.0012	PASS
					VN	2.03	0.0008	PASS
					VH	-1.29	-0.00051	PASS
			HCH	TN	VL	0.60	0.00023	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	1.32	0.00052	PASS
					VH	-0.36	-0.00014	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
BAND7	LTE/TM1	5	LCH	VN	-30	6.18	0.00247	PASS
					-20	-3.68	-0.00147	PASS
					-10	7.67	0.00306	PASS
					0	5.56	0.00222	PASS
					10	-5.18	-0.00207	PASS
					20	3.09	0.00123	PASS
					30	-6.15	-0.00246	PASS
					40	1.13	0.00045	PASS
					50	8.77	0.0035	PASS
			MCH	VN	-30	4.71	0.00186	PASS
					-20	-4.26	-0.00168	PASS
					-10	5.98	0.00236	PASS
					0	2.95	0.00116	PASS
					10	3.00	0.00118	PASS
					20	-3.18	-0.00125	PASS
					30	-0.01	0	PASS
					40	0.40	0.00016	PASS
					50	4.63	0.00183	PASS
			HCH	VN	-30	0.36	0.00014	PASS
					-20	1.89	0.00074	PASS
					-10	0.47	0.00018	PASS
					0	1.16	0.00045	PASS
					10	0.49	0.00019	PASS
					20	1.10	0.00043	PASS
					30	0.89	0.00035	PASS
					40	1.50	0.00058	PASS
					50	4.53	0.00176	PASS
		10	LCH	VN	-30	-12.63	-0.00504	PASS
					-20	-3.56	-0.00142	PASS
					-10	-11.19	-0.00447	PASS
					0	-2.46	-0.00098	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-10.86	-0.00434	PASS
					20	-13.98	-0.00558	PASS
					30	-7.25	-0.00289	PASS
					40	-5.18	-0.00207	PASS
					50	-10.24	-0.00409	PASS
			MCH	VN	-30	-0.67	-0.00026	PASS
					-20	2.65	0.00105	PASS
					-10	3.85	0.00152	PASS
					0	1.80	0.00071	PASS
					10	3.12	0.00123	PASS
					20	4.16	0.00164	PASS
					30	5.76	0.00227	PASS
					40	-2.37	-0.00093	PASS
					50	-1.85	-0.00073	PASS
			HCH	VN	-30	1.49	0.00058	PASS
					-20	5.88	0.00229	PASS
					-10	0.83	0.00032	PASS
					0	7.02	0.00274	PASS
					10	-1.07	-0.00042	PASS
					20	5.51	0.00215	PASS
					30	7.20	0.00281	PASS
					40	4.48	0.00175	PASS
					50	-0.24	-0.00009	PASS
		15	LCH	VN	-30	-19.28	-0.00769	PASS
					-20	-10.63	-0.00424	PASS
					-10	-7.31	-0.00292	PASS
					0	-2.19	-0.00087	PASS
					10	-11.77	-0.00469	PASS
					20	-10.99	-0.00438	PASS
					30	-5.58	-0.00223	PASS
					40	-10.74	-0.00428	PASS
					50	-9.73	-0.00388	PASS
			MCH	VN	-30	0.93	0.00037	PASS
					-20	-1.27	-0.0005	PASS
					-10	2.32	0.00092	PASS
					0	1.19	0.00047	PASS
					10	-0.79	-0.00031	PASS
					20	0.54	0.00021	PASS
					30	-0.46	-0.00018	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	2.26	0.00089	PASS
					50	3.20	0.00126	PASS
			HCH	VN	-30	-4.95	-0.00193	PASS
					-20	-5.68	-0.00222	PASS
					-10	-1.00	-0.00039	PASS
					0	1.59	0.00062	PASS
					10	1.17	0.00046	PASS
					20	-5.56	-0.00217	PASS
					30	-1.92	-0.00075	PASS
					40	-0.43	-0.00017	PASS
					50	-5.16	-0.00201	PASS
		20	LCH	VN	-30	-3.32	-0.00132	PASS
					-20	-1.54	-0.00061	PASS
					-10	-1.10	-0.00044	PASS
					0	-10.19	-0.00406	PASS
					10	-3.62	-0.00144	PASS
					20	-2.85	-0.00114	PASS
					30	-1.65	-0.00066	PASS
					40	-9.40	-0.00375	PASS
					50	-8.37	-0.00333	PASS
			MCH	VN	-30	-2.42	-0.00095	PASS
					-20	-0.99	-0.00039	PASS
					-10	-3.58	-0.00141	PASS
					0	2.82	0.00111	PASS
					10	-2.90	-0.00114	PASS
					20	0.54	0.00021	PASS
					30	1.72	0.00068	PASS
					40	4.42	0.00174	PASS
					50	-2.63	-0.00104	PASS
			HCH	VN	-30	5.54	0.00216	PASS
					-20	2.98	0.00116	PASS
					-10	4.66	0.00182	PASS
					0	3.73	0.00146	PASS
					10	3.22	0.00126	PASS
					20	1.16	0.00045	PASS
					30	-0.73	-0.00029	PASS
					40	1.90	0.00074	PASS
					50	1.03	0.0004	PASS
	LTE/TM2	5	LCH	VN	-30	-13.95	-0.00557	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-13.25	-0.00529	PASS
					-10	-16.05	-0.00641	PASS
					0	-21.44	-0.00857	PASS
					10	-13.59	-0.00543	PASS
					20	-23.10	-0.00923	PASS
					30	-10.94	-0.00437	PASS
					40	-11.83	-0.00473	PASS
					50	-21.66	-0.00866	PASS
			MCH	VN	-30	-0.60	-0.00024	PASS
					-20	0.74	0.00029	PASS
					-10	0.24	0.00009	PASS
					0	4.23	0.00167	PASS
					10	3.06	0.00121	PASS
					20	-1.79	-0.00071	PASS
					30	-0.11	-0.00004	PASS
					40	2.25	0.00089	PASS
					50	1.62	0.00064	PASS
			HCH	VN	-30	1.93	0.00075	PASS
					-20	1.32	0.00051	PASS
					-10	1.30	0.00051	PASS
					0	0.59	0.00023	PASS
					10	1.70	0.00066	PASS
					20	0.36	0.00014	PASS
					30	-0.23	-0.00009	PASS
					40	0.87	0.00034	PASS
					50	-2.30	-0.0009	PASS
		10	LCH	VN	-30	-3.85	-0.00154	PASS
					-20	-5.08	-0.00203	PASS
					-10	-12.22	-0.00488	PASS
					0	-5.48	-0.00219	PASS
					10	-3.26	-0.0013	PASS
					20	-10.57	-0.00422	PASS
					30	-7.97	-0.00318	PASS
					40	-9.36	-0.00374	PASS
					50	-7.12	-0.00284	PASS
			MCH	VN	-30	-2.68	-0.00106	PASS
					-20	-1.44	-0.00057	PASS
					-10	-7.67	-0.00303	PASS
					0	-0.80	-0.00032	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-3.75	-0.00148	PASS
					20	-0.43	-0.00017	PASS
					30	3.49	0.00138	PASS
					40	7.50	0.00296	PASS
					50	1.47	0.00058	PASS
			HCH	VN	-30	-0.30	-0.00012	PASS
					-20	4.89	0.00191	PASS
					-10	-2.63	-0.00103	PASS
					0	3.76	0.00147	PASS
					10	-1.52	-0.00059	PASS
					20	0.82	0.00032	PASS
					30	-0.76	-0.0003	PASS
					40	-0.63	-0.00025	PASS
					50	1.56	0.00061	PASS
		15	LCH	VN	-30	-10.49	-0.00418	PASS
					-20	-12.33	-0.00492	PASS
					-10	-14.08	-0.00562	PASS
					0	-13.65	-0.00544	PASS
					10	-9.68	-0.00386	PASS
					20	-7.37	-0.00294	PASS
					30	-9.07	-0.00362	PASS
					40	-17.09	-0.00682	PASS
					50	-6.91	-0.00276	PASS
			MCH	VN	-30	2.82	0.00111	PASS
					-20	-6.09	-0.0024	PASS
					-10	0.16	0.00006	PASS
					0	1.32	0.00052	PASS
					10	-2.20	-0.00087	PASS
					20	2.66	0.00105	PASS
					30	1.20	0.00047	PASS
					40	-1.87	-0.00074	PASS
					50	-1.65	-0.00065	PASS
			HCH	VN	-30	-1.57	-0.00061	PASS
					-20	-0.06	-0.00002	PASS
					-10	1.14	0.00044	PASS
					0	2.07	0.00081	PASS
					10	4.28	0.00167	PASS
					20	0.34	0.00013	PASS
					30	0.84	0.00033	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	2.75	0.00107	PASS
					50	1.95	0.00076	PASS
		20	LCH	VN	-30	-8.15	-0.00325	PASS
					-20	-15.62	-0.00622	PASS
					-10	-14.76	-0.00588	PASS
					0	-18.22	-0.00726	PASS
					10	-5.26	-0.0021	PASS
					20	-4.35	-0.00173	PASS
					30	-11.56	-0.00461	PASS
					40	-3.39	-0.00135	PASS
					50	-9.40	-0.00375	PASS
			MCH	VN	-30	0.06	0.00002	PASS
					-20	1.77	0.0007	PASS
					-10	-2.62	-0.00103	PASS
					0	-1.39	-0.00055	PASS
					10	-0.56	-0.00022	PASS
					20	3.85	0.00152	PASS
					30	0.26	0.0001	PASS
					40	2.07	0.00082	PASS
					50	-2.09	-0.00082	PASS
			HCH	VN	-30	2.50	0.00098	PASS
					-20	-0.31	-0.00012	PASS
					-10	5.62	0.0022	PASS
					0	-1.12	-0.00044	PASS
					10	2.88	0.00112	PASS
					20	3.16	0.00123	PASS
					30	-0.29	-0.00011	PASS
					40	-0.72	-0.00028	PASS
					50	0.19	0.00007	PASS

END