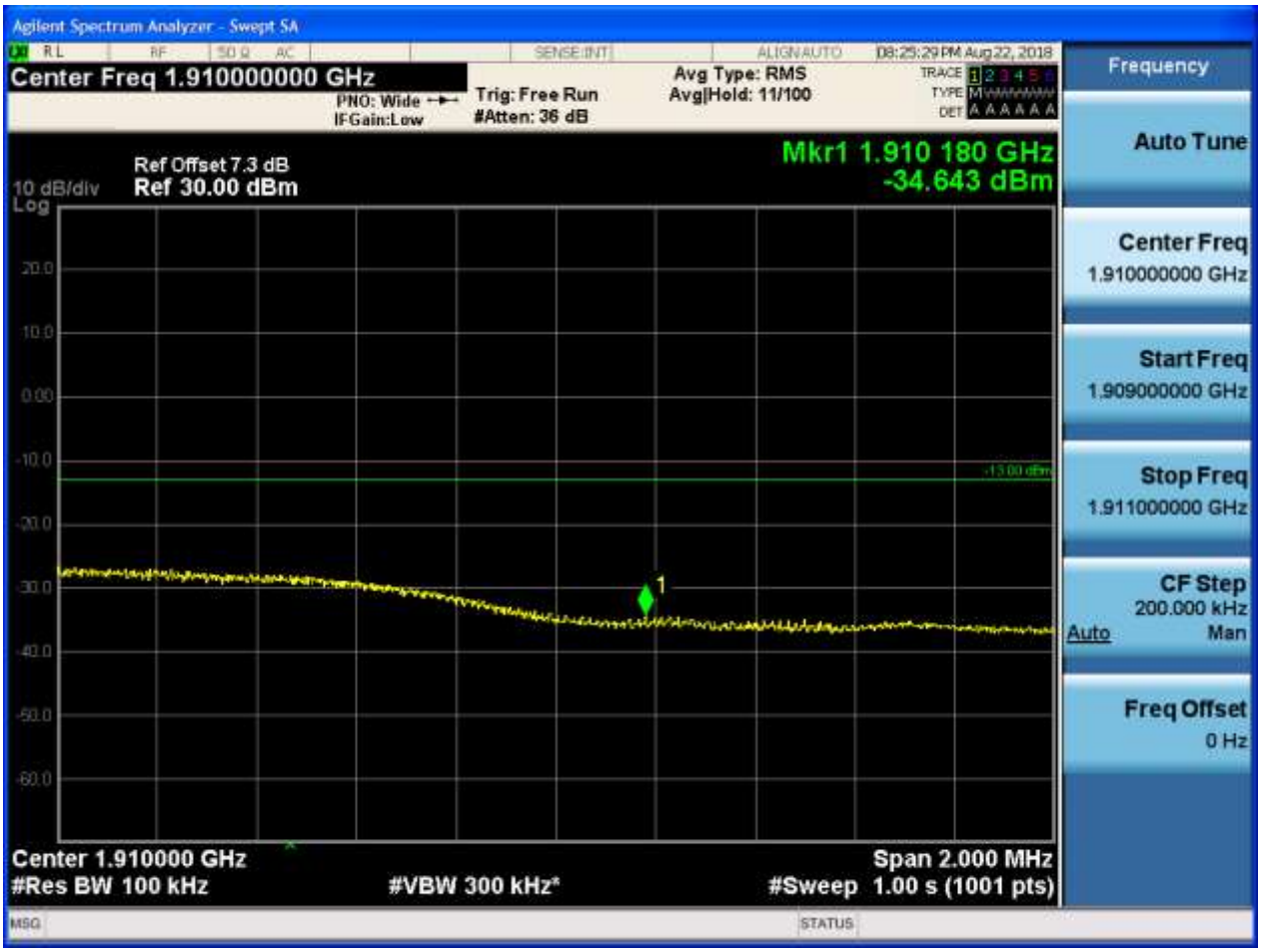
5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0

5.1.1.2.4.2.2 Test RB = RB1#49

5.1.1.2.4.2.3 Test RB = RB25#13



5.1.1.2.4.2.4 Test RB = RB50#0

5.1.1.2.5 Test Bandwidth = 15

5.1.1.2.5.1 Test Channel = LCH

5.1.1.2.5.1.1 Test RB = RB1#0

5.1.1.2.5.1.2 Test RB = RB1#74

5.1.1.2.5.1.3 Test RB = RB38#19

5.1.1.2.5.1.4 Test RB = RB75#0

5.1.1.2.5.2 Test Channel = HCH

5.1.1.2.5.2.1 Test RB = RB1#0

5.1.1.2.5.2.2 Test RB = RB1#74

5.1.1.2.5.2.3 Test RB = RB38#19

5.1.1.2.5.2.4 Test RB = RB75#0

5.1.1.2.6 Test Bandwidth = 20

5.1.1.2.6.1 Test Channel = LCH

5.1.1.2.6.1.1 Test RB = RB1#0

5.1.1.2.6.1.2 Test RB = RB1#99

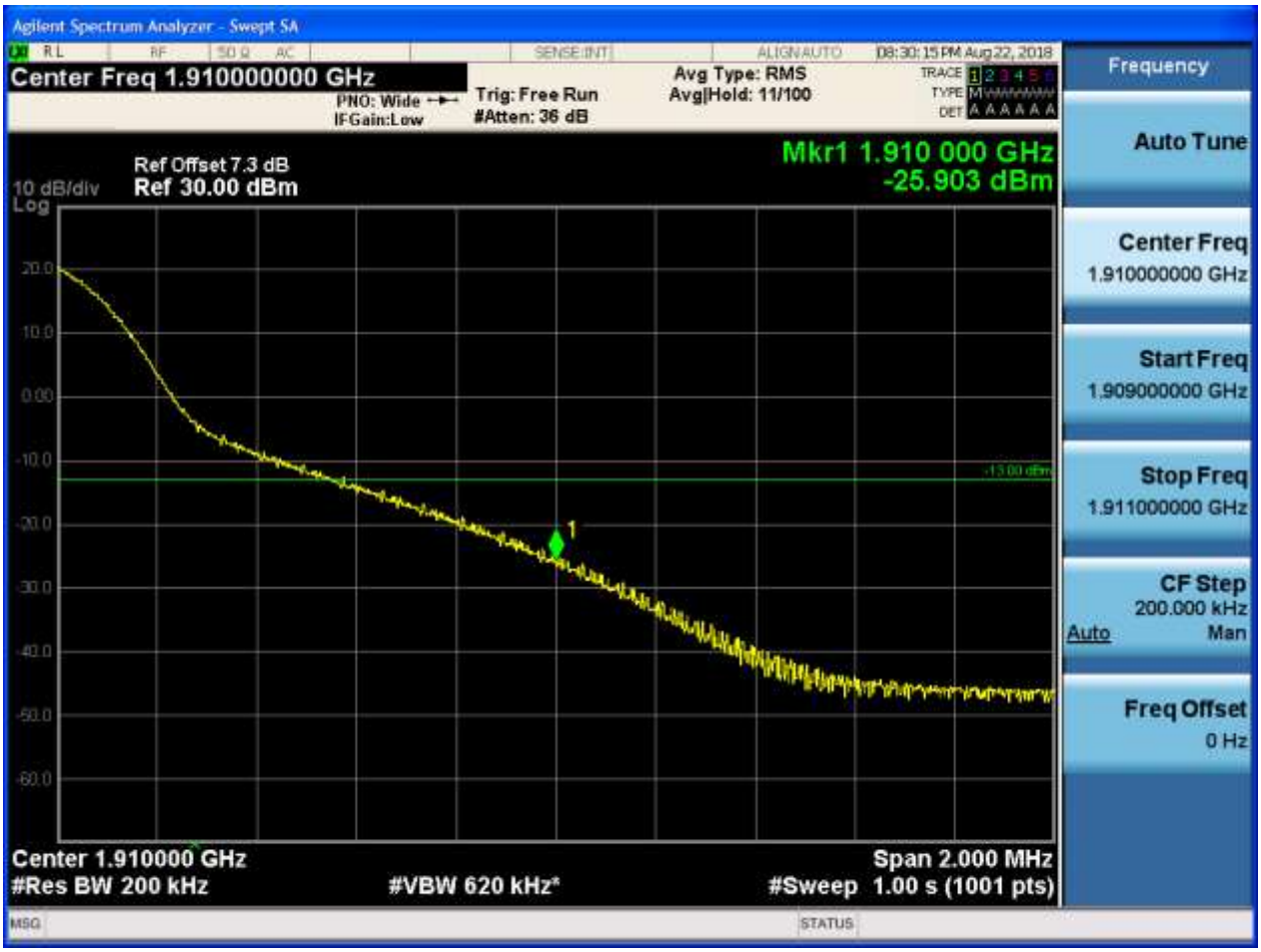
5.1.1.2.6.1.3 Test RB = RB50#25

5.1.1.2.6.1.4 Test RB = RB100#0

5.1.1.2.6.2 Test Channel = HCH

5.1.1.2.6.2.1 Test RB = RB1#0

5.1.1.2.6.2.2 Test RB = RB1#99



5.1.1.2.6.2.3 Test RB = RB50#25

5.1.1.2.6.2.4 Test RB = RB100#0

6Appendix_F: Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Part I - Test Plots

6.1 For LTE

6.1.1 Test Band = BAND2

6.1.1.1 Test Mode = LTE/TM1

6.1.1.1.1 Test Bandwidth = 1.4

6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0

6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0

6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0

6.2.1.1.2 Test Bandwidth = 3

6.2.1.1.2.1 Test Channel = LCH

6.2.1.1.2.1.1 Test RB = RB1#0

6.2.1.1.2.2 Test Channel = MCH

6.2.1.1.2.2.1 Test RB = RB1#0

6.2.1.1.2.3 Test Channel = HCH

6.2.1.1.2.3.1 Test RB = RB1#0

6.2.1.1.3 Test Bandwidth = 5

6.2.1.1.3.1 Test Channel = LCH

6.2.1.1.3.1.1 Test RB = RB1#0

6.2.1.1.3.2 Test Channel = MCH

6.2.1.1.3.2.1 Test RB = RB1#0

6.2.1.1.3.3 Test Channel = HCH

6.2.1.1.3.3.1 Test RB = RB1#0

6.2.1.1.4 Test Bandwidth = 10

6.2.1.1.4.1 Test Channel = LCH

6.2.1.1.4.1.1 Test RB = RB1#0

6.2.1.1.4.2 Test Channel = MCH

6.2.1.1.4.2.1 Test RB = RB1#0

6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0

6.2.1.1.5 Test Bandwidth = 15

6.2.1.1.5.1 Test Channel = LCH

6.2.1.1.5.1.1 Test RB = RB1#0

6.2.1.1.5.2 Test Channel = MCH

6.2.1.1.5.2.1 Test RB = RB1#0

6.2.1.1.5.3 Test Channel = HCH

6.2.1.1.5.3.1 Test RB = RB1#0

6.2.1.1.6 Test Bandwidth = 20

6.2.1.1.6.1 Test Channel = LCH

6.2.1.1.6.1.1 Test RB = RB1#0

6.2.1.1.6.2 Test Channel = MCH

6.2.1.1.6.2.1 Test RB = RB1#0

6.2.1.1.6.3 Test Channel = HCH

6.2.1.1.6.3.1 Test RB = RB1#0

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

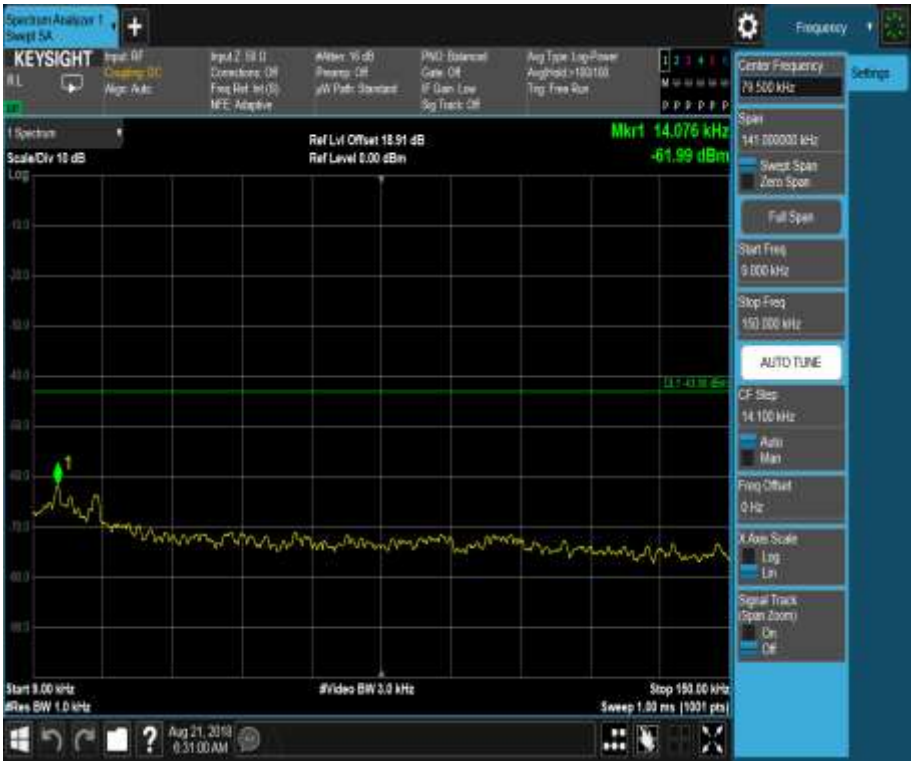
6.2.1.2.2.1.1 Test RB = RB1#0

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

6.2.1.2.4 Test Bandwidth = 10

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0

6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0

6.2.1.2.4.3 Test Channel = HCH

6.2.1.2.4.3.1 Test RB = RB1#0

6.2.1.2.5 Test Bandwidth = 15

6.2.1.2.5.1 Test Channel = LCH

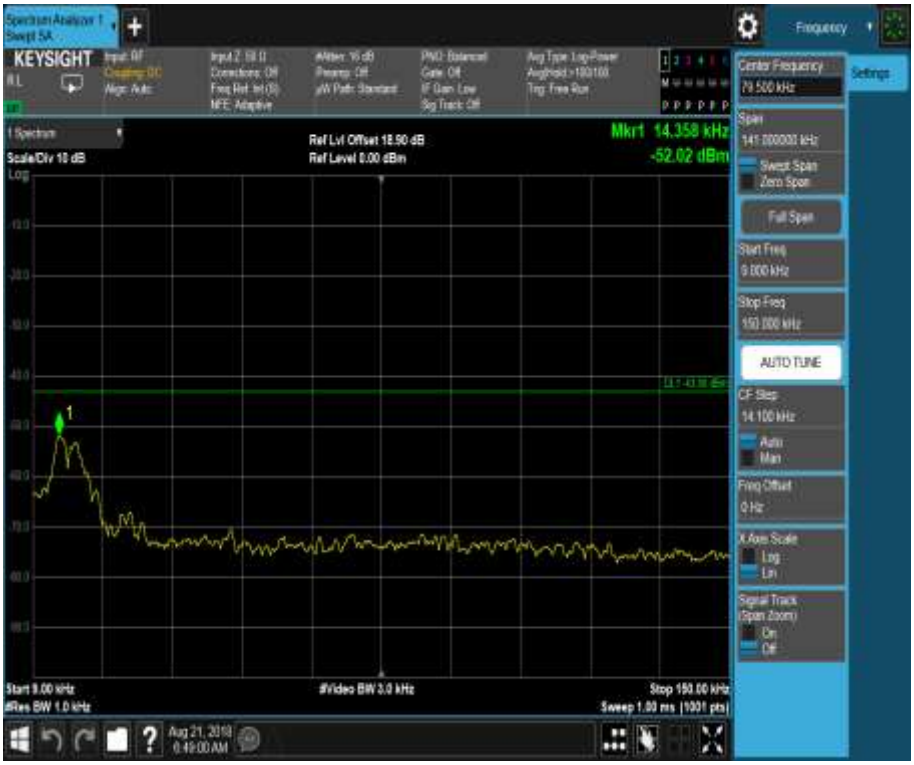
6.2.1.2.5.1.1 Test RB = RB1#0

6.2.1.2.5.2 Test Channel = MCH

6.2.1.2.5.2.1 Test RB = RB1#0

6.2.1.2.5.3 Test Channel = HCH

6.2.1.2.5.3.1 Test RB = RB1#0



6.2.1.2.6 Test Bandwidth = 20

6.2.1.2.6.1 Test Channel = LCH

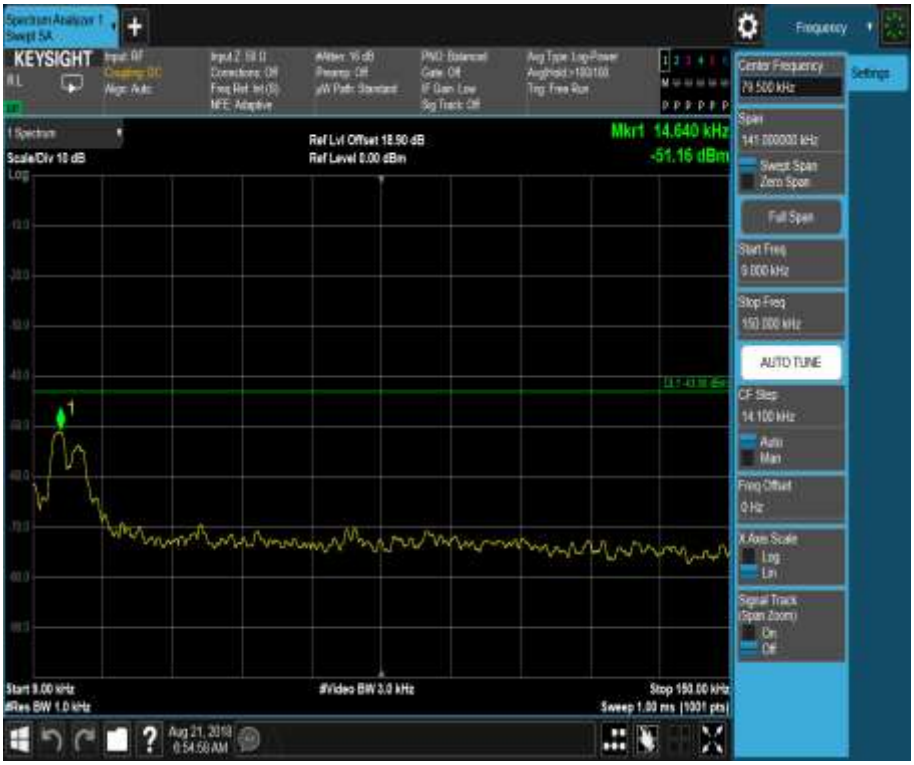
6.2.1.2.6.1.1 Test RB = RB1#0

6.2.1.2.6.2 Test Channel = MCH

6.2.1.2.6.2.1 Test RB = RB1#0

6.2.1.2.6.3 Test Channel = HCH

6.2.1.2.6.3.1 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

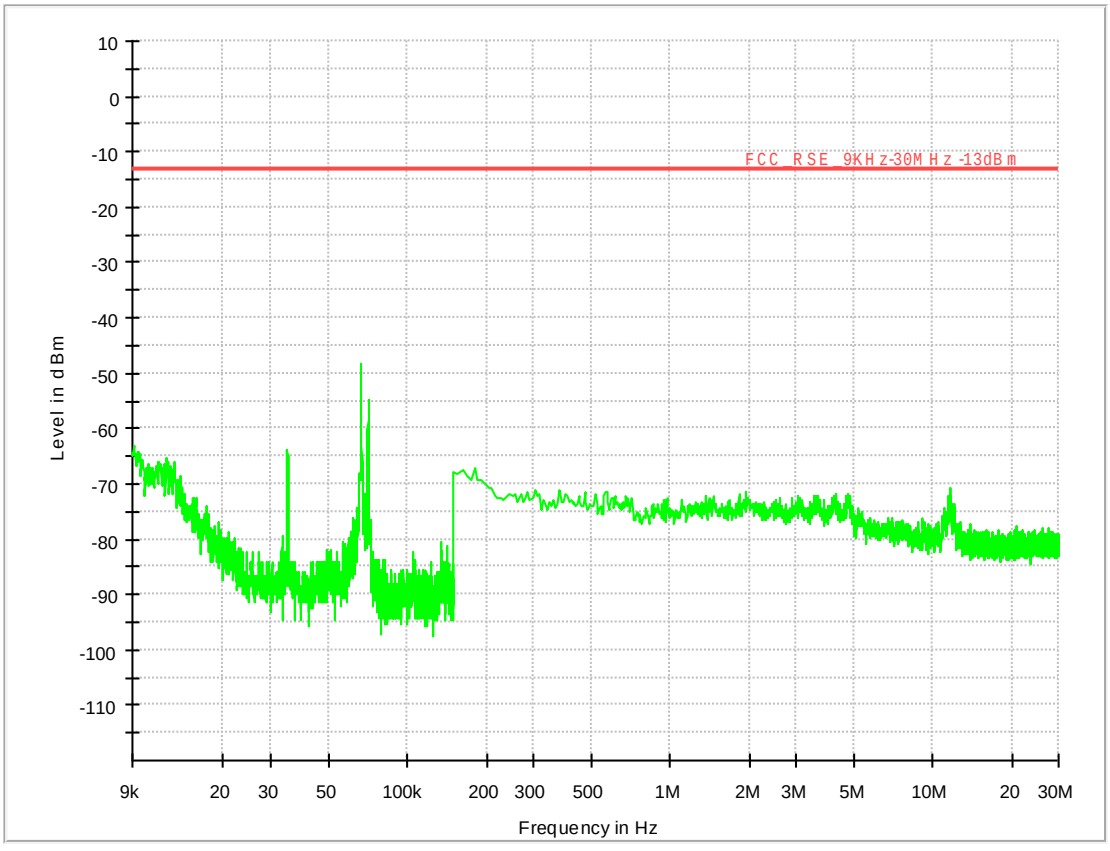
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

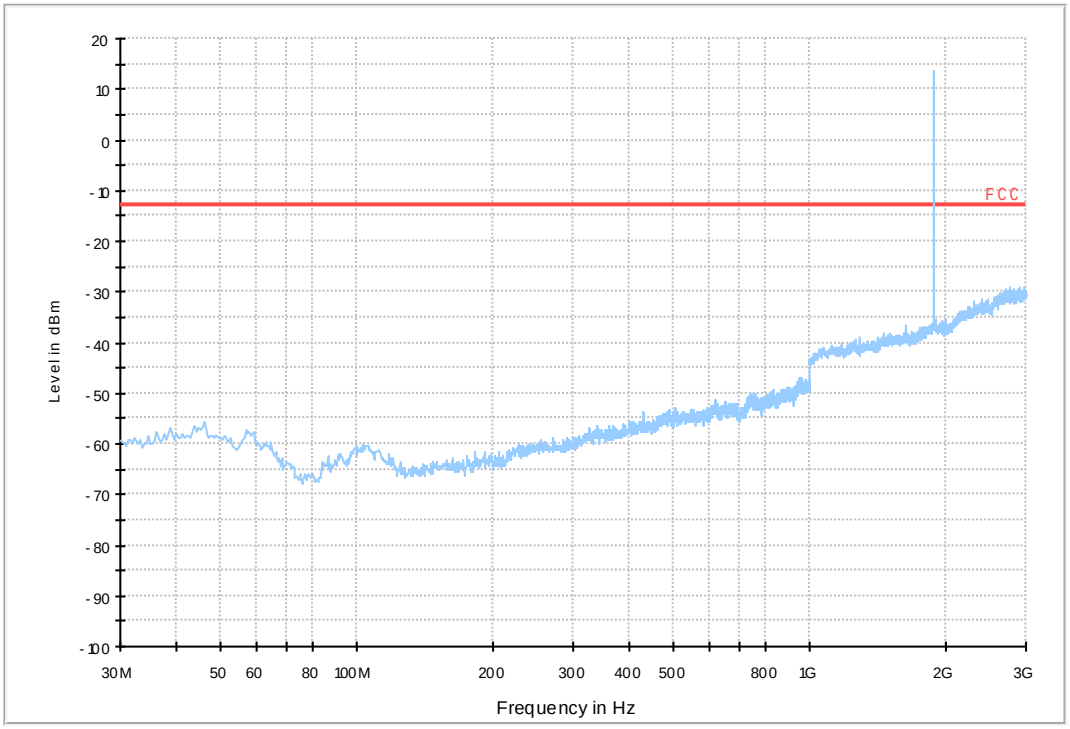
7.1 For LTE

7.1.1 Test Band = BAND2_ANT1

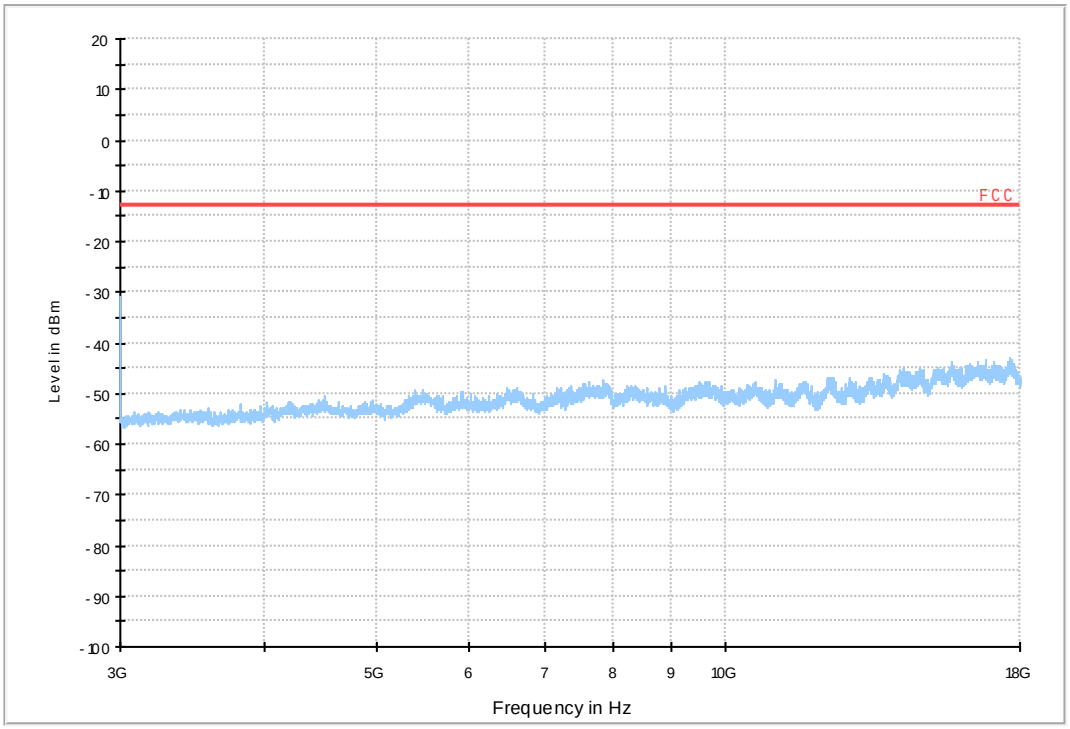
7.1.1.1 Test Bandwidth = 1.4



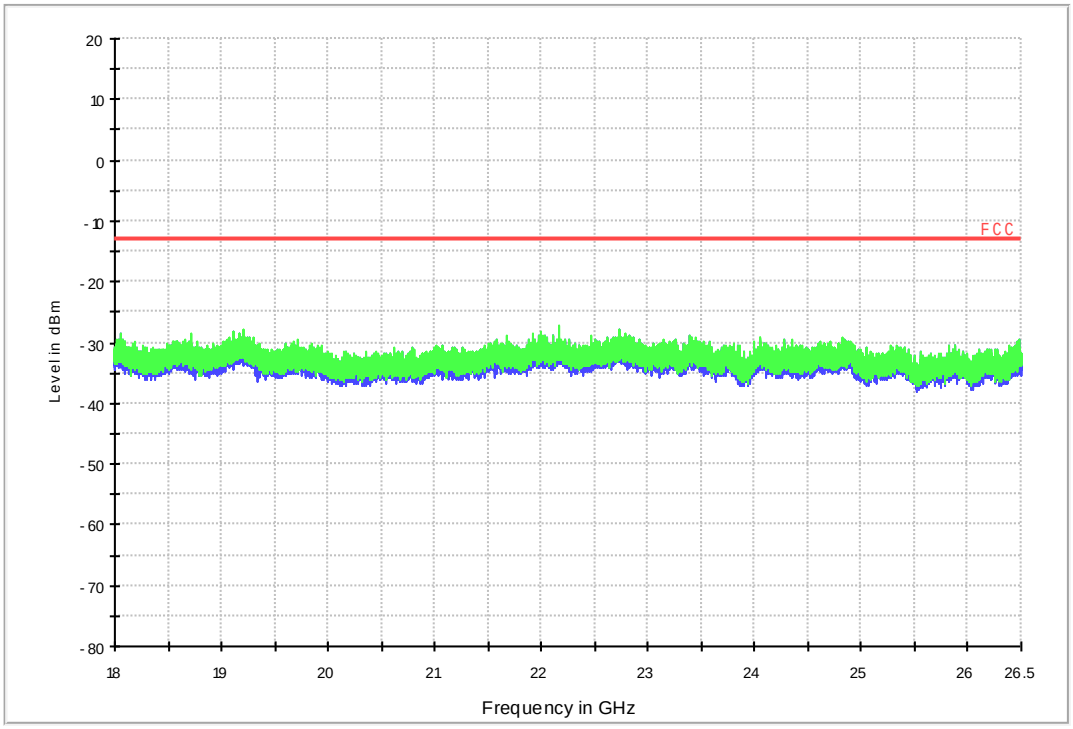
LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_L



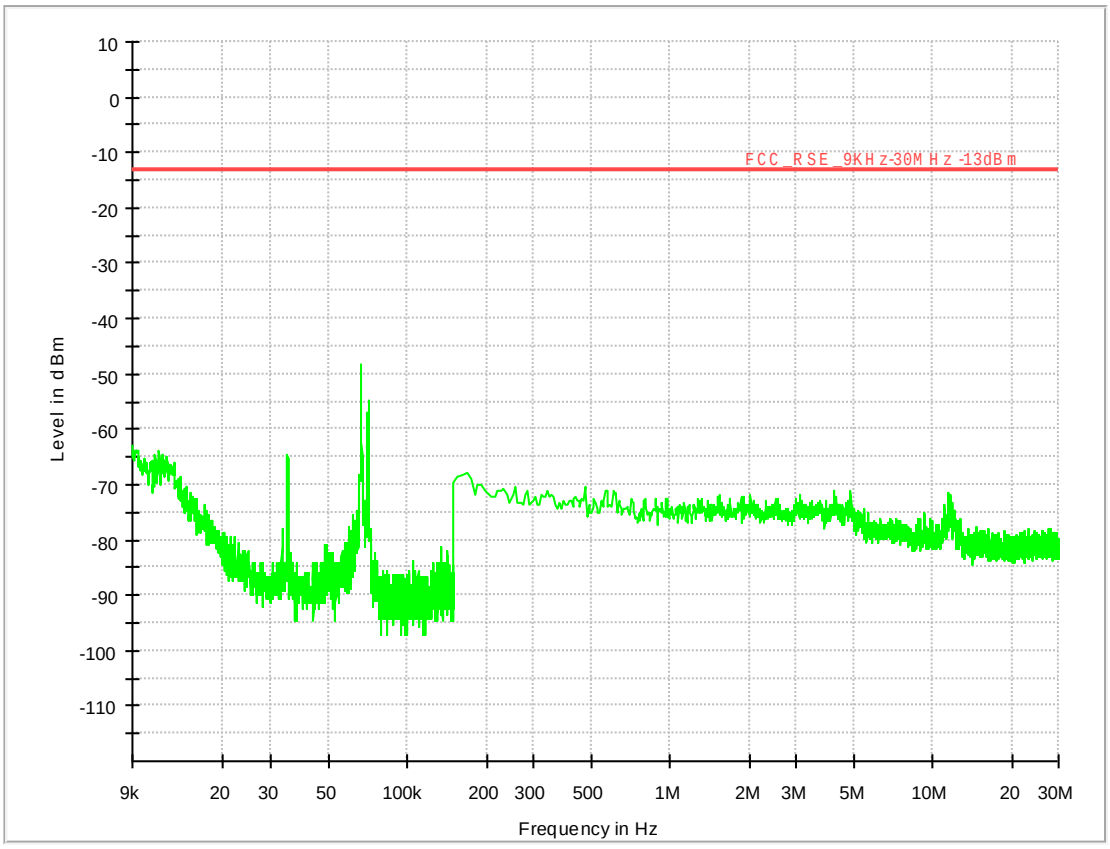
LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_H



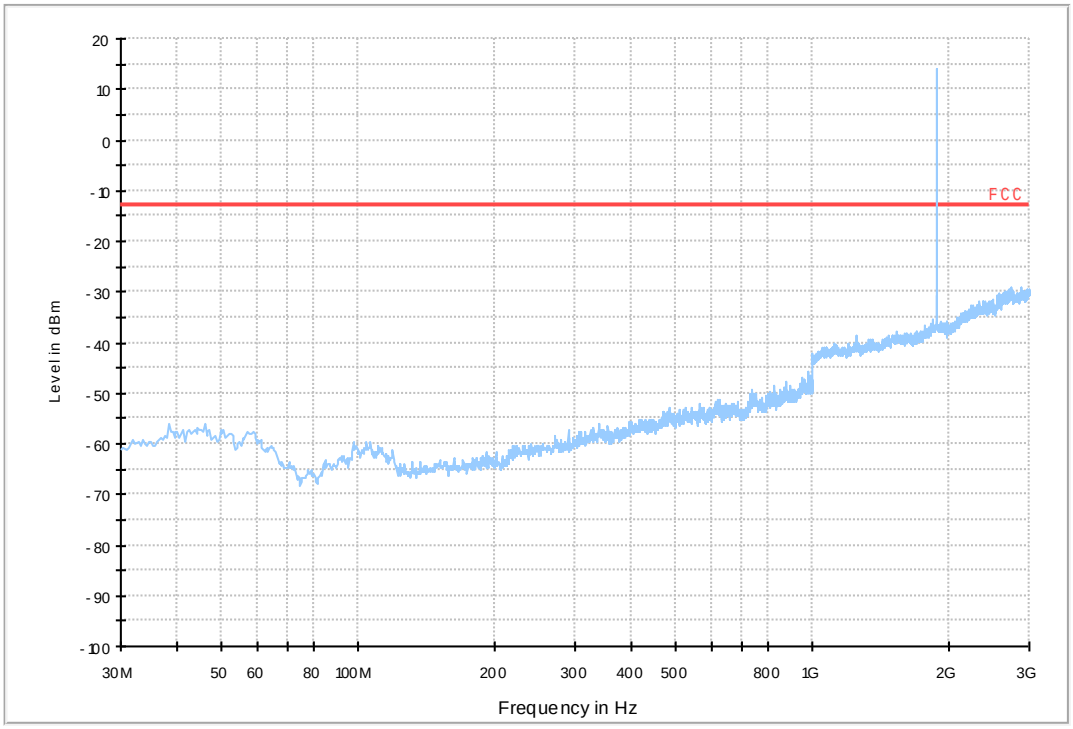
18G~26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK



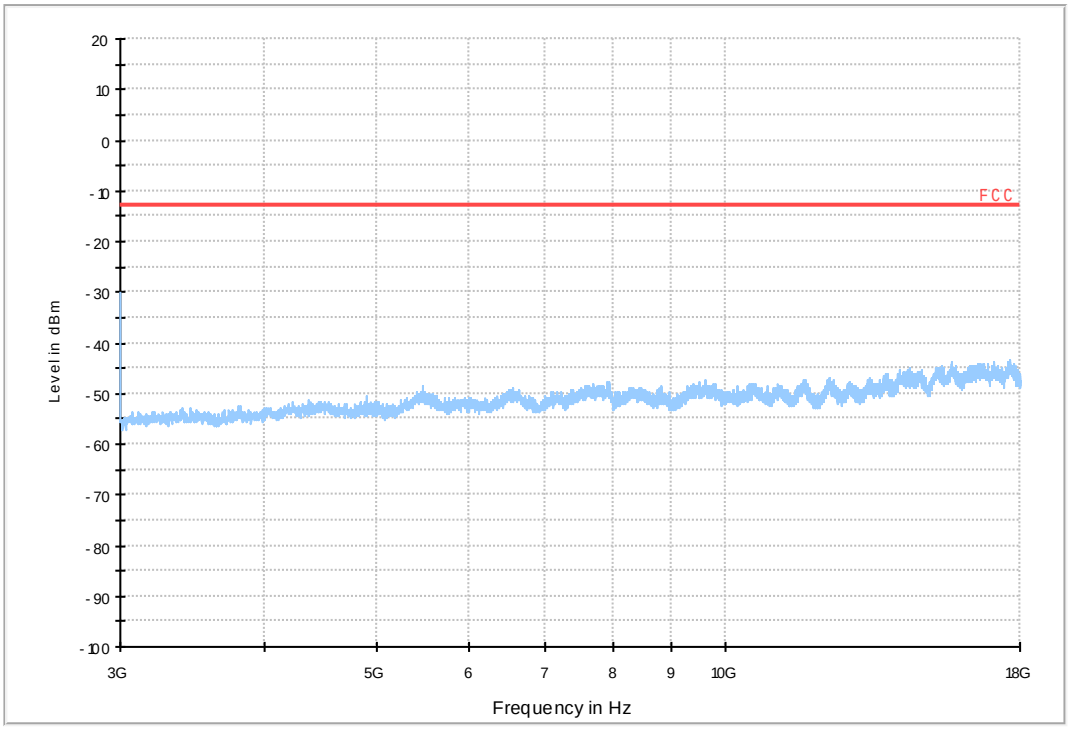
7.1.1.2 Test Bandwidth = 5



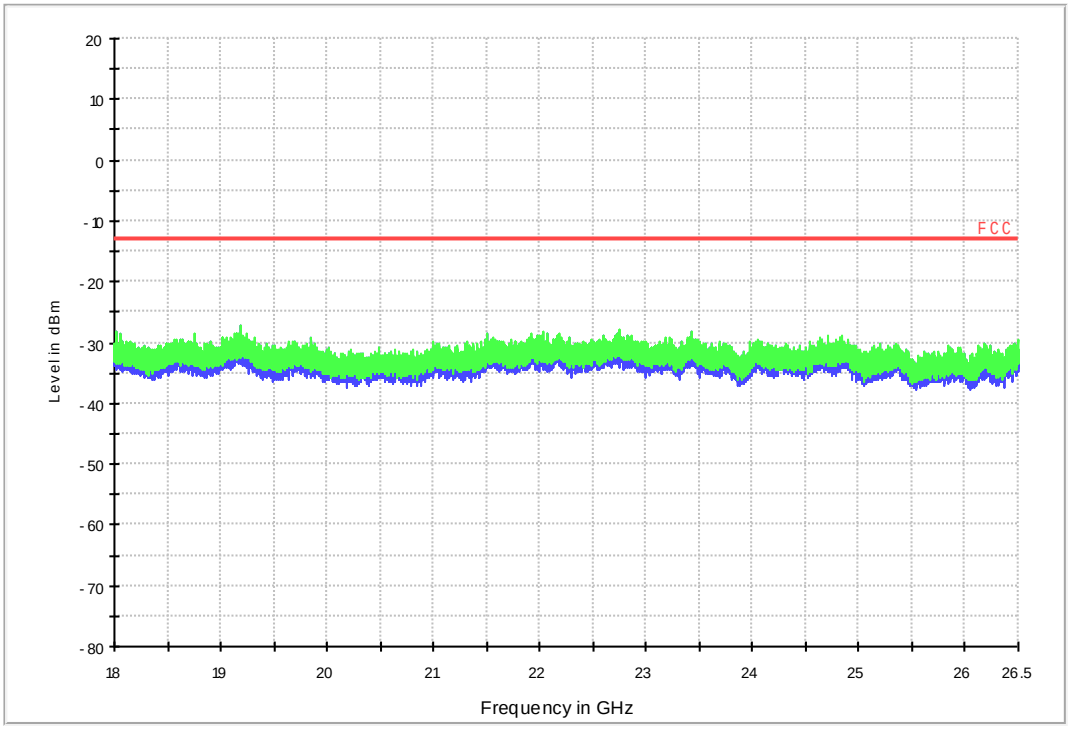
LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_L



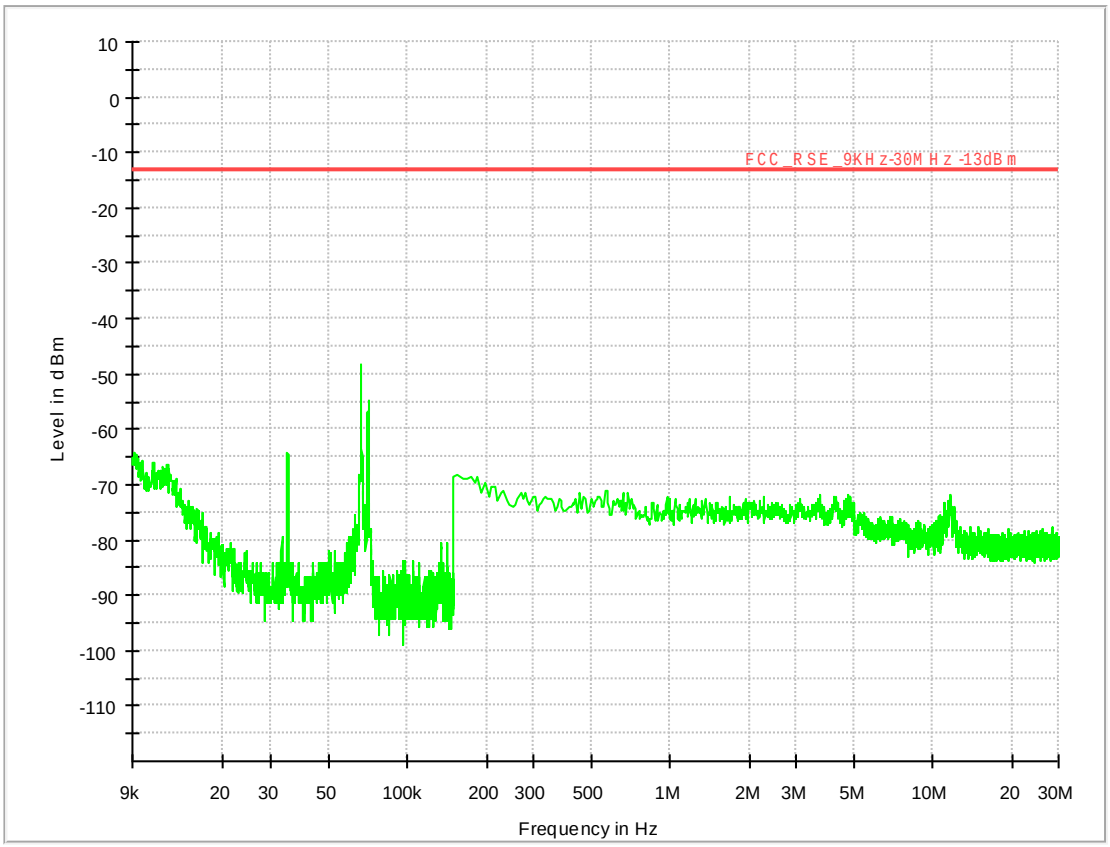
LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_H



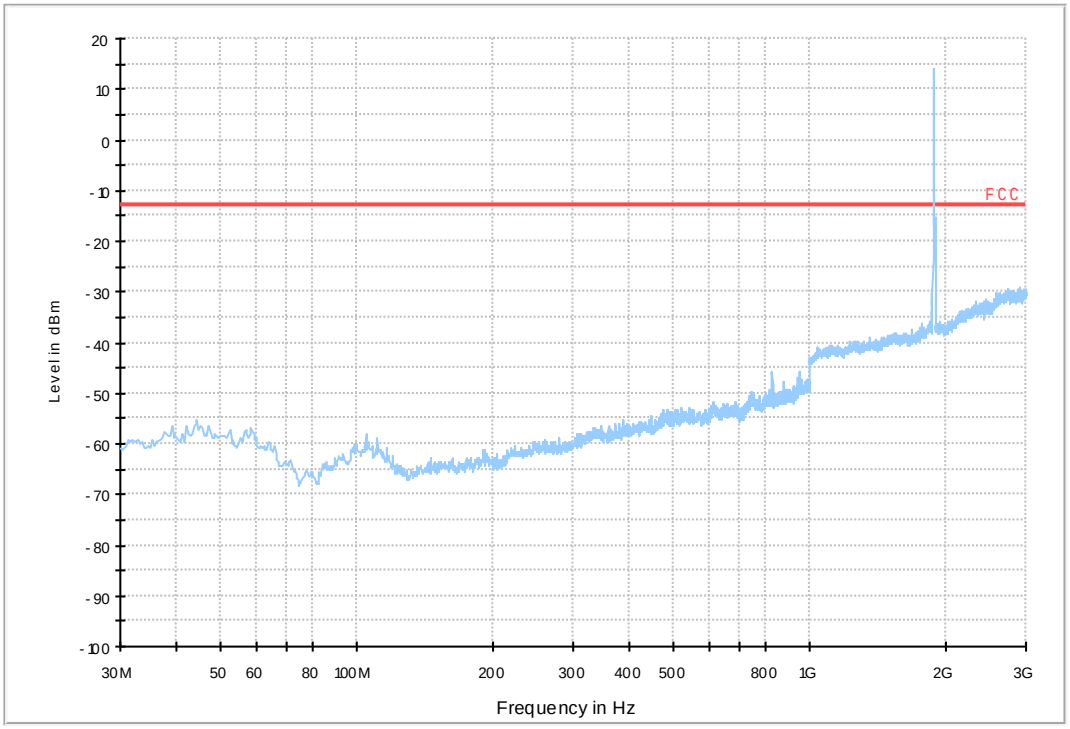
18G~26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK



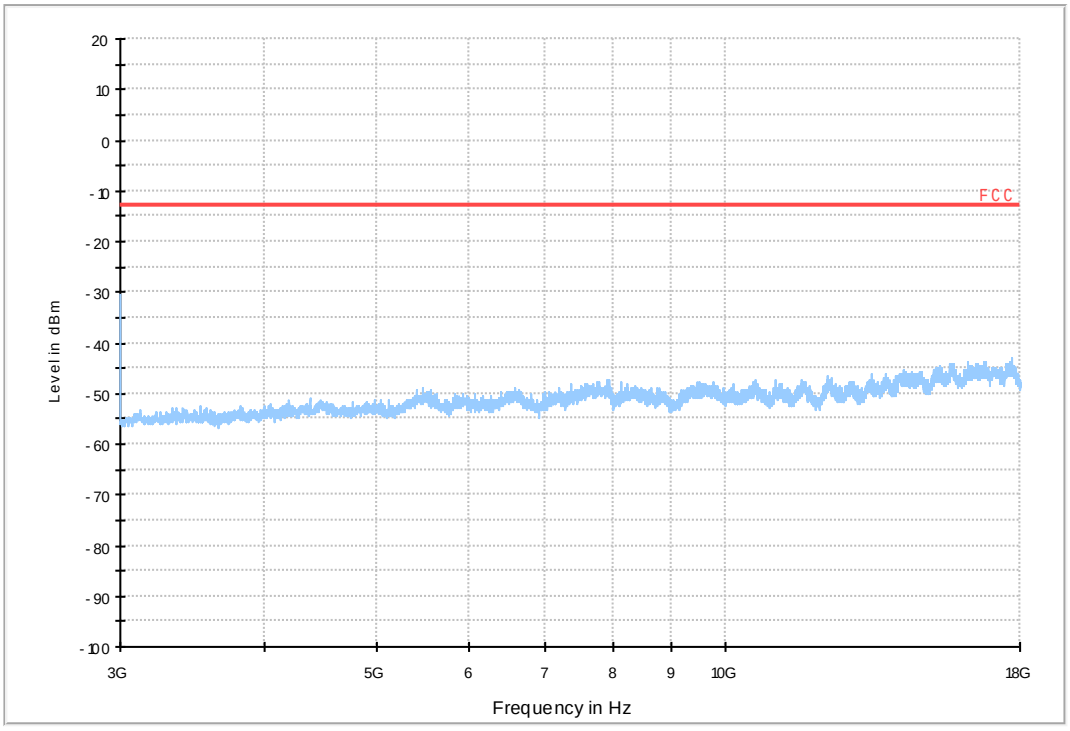
7.1.1.3 Test Bandwidth = 20



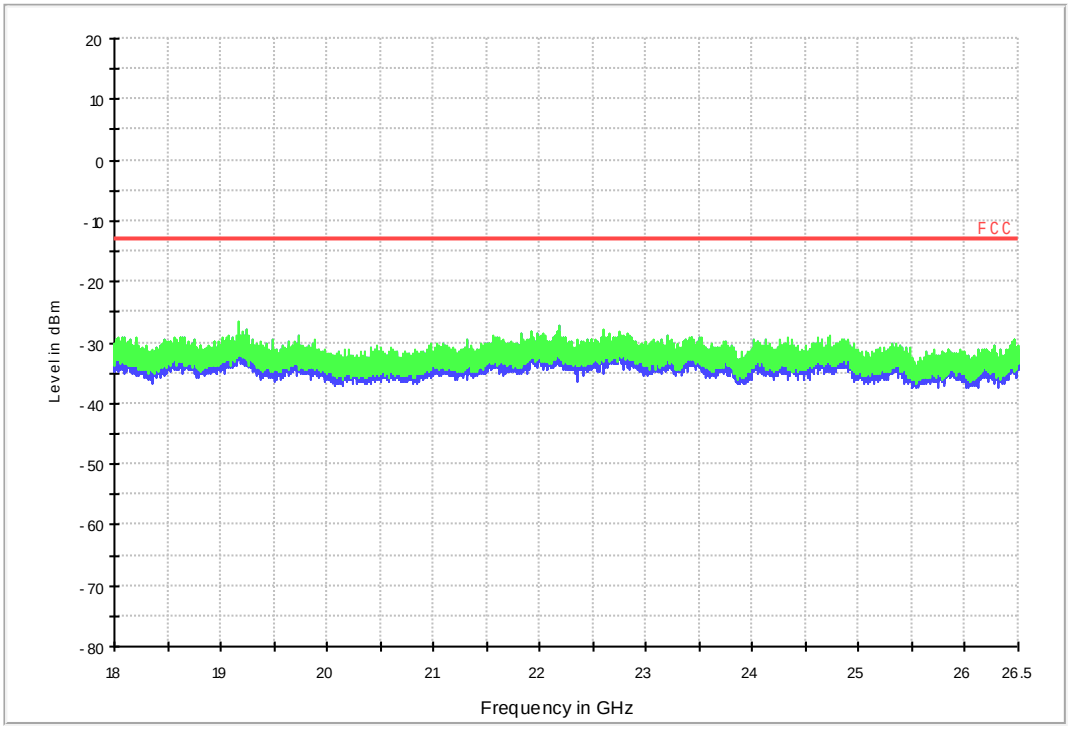
LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_L



LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_H

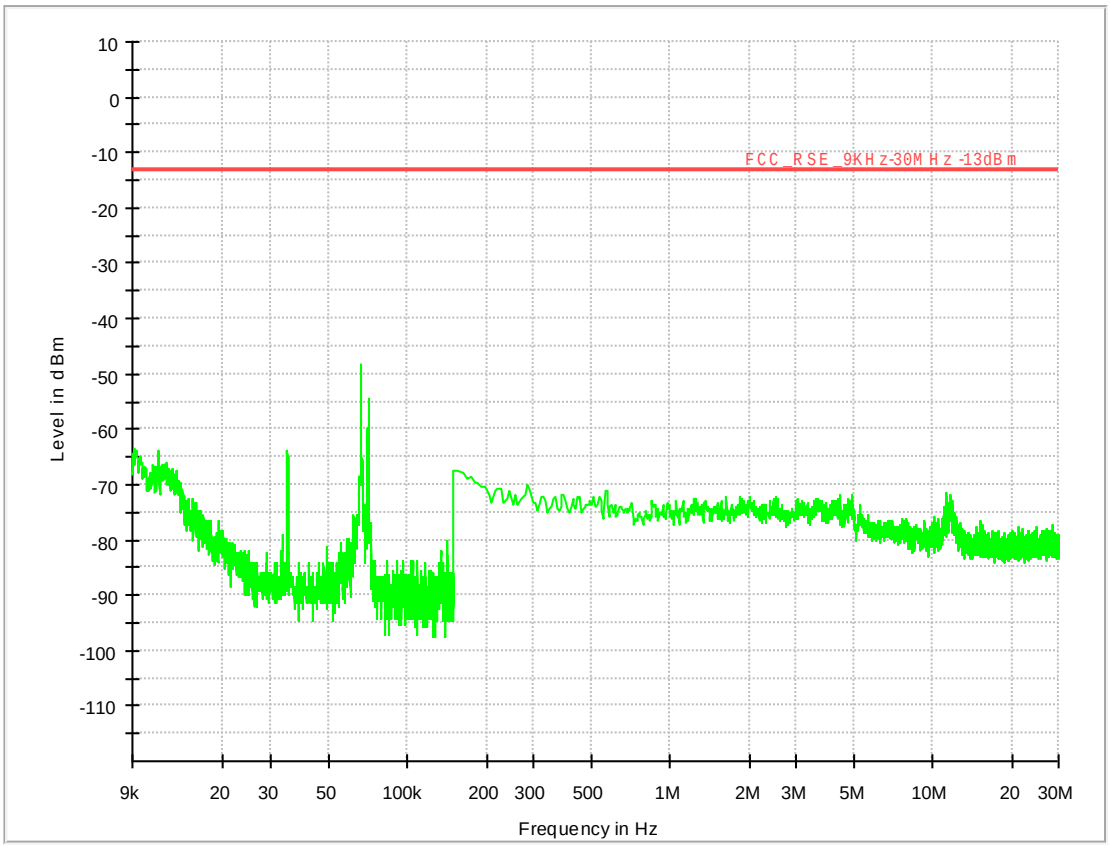


18G~26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK

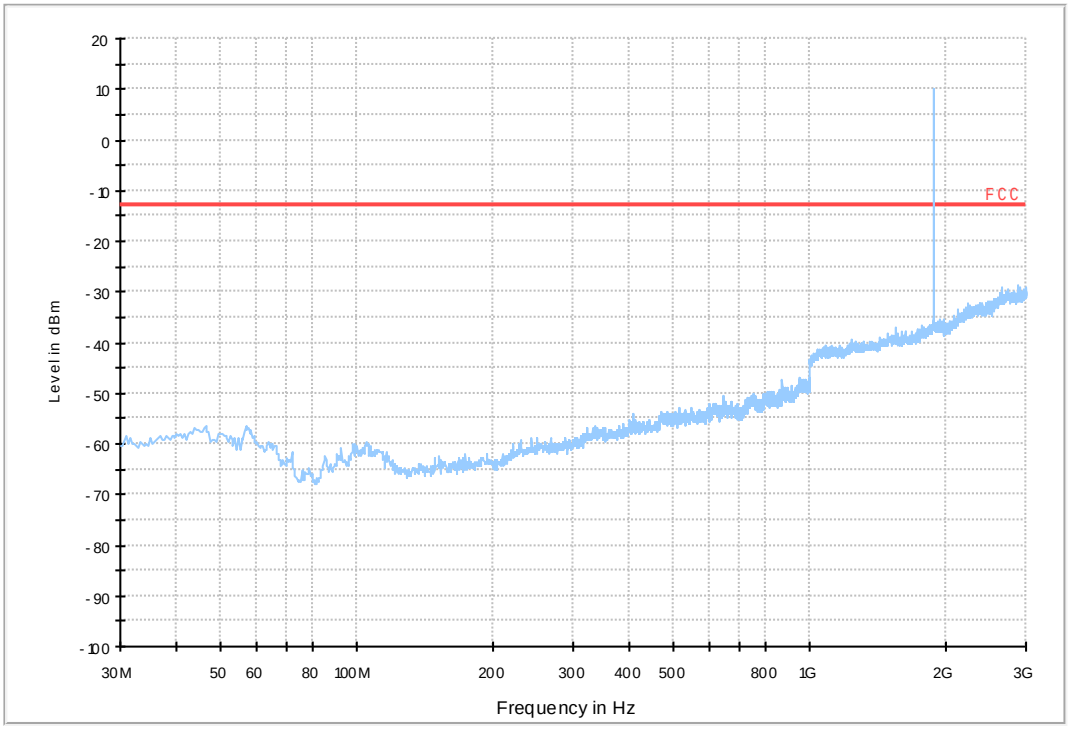


7.1.2 Test Band = BAND2_ANT2

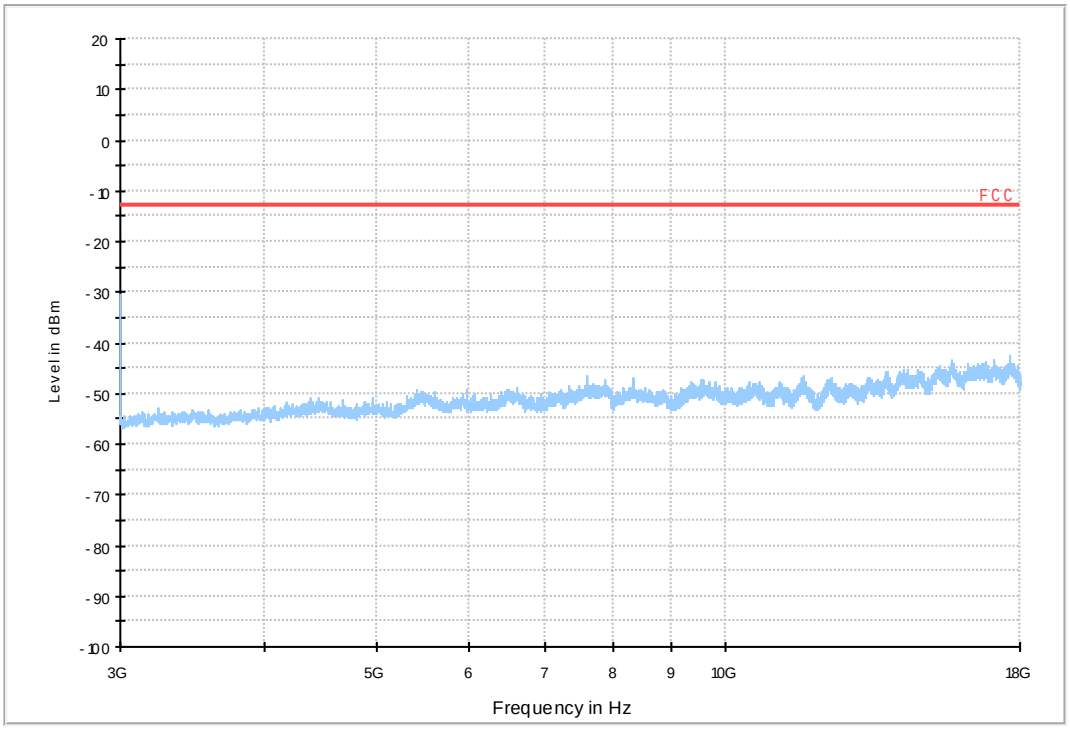
7.1.2.1 Test Bandwidth = 1.4



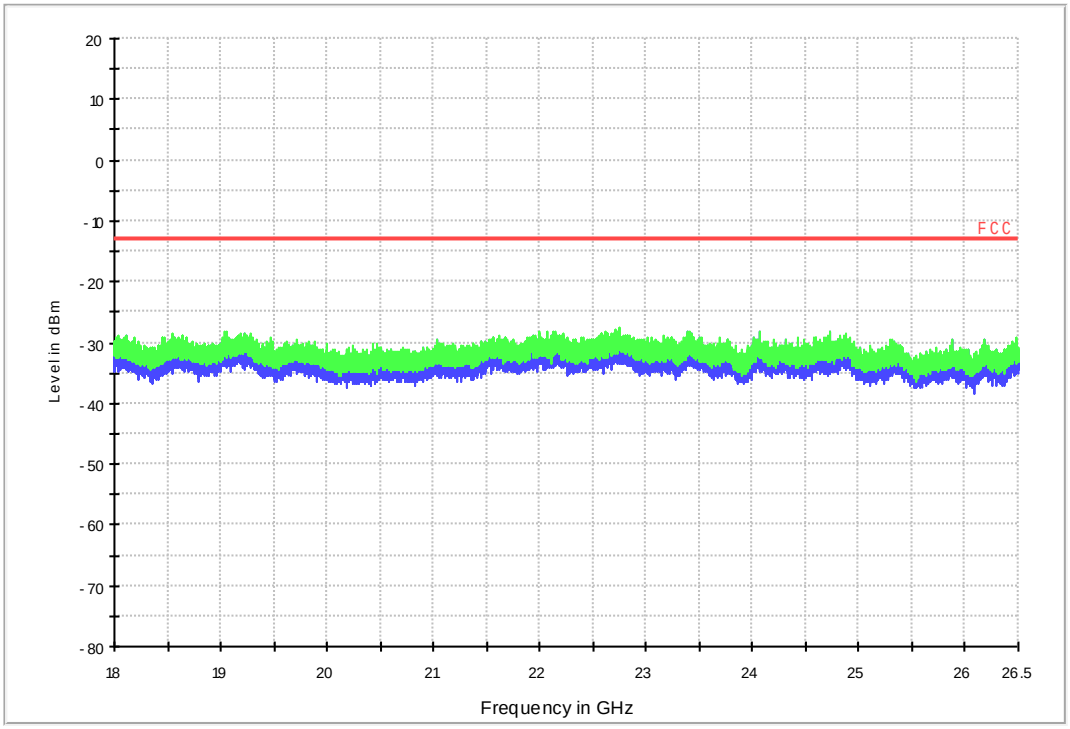
LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_L



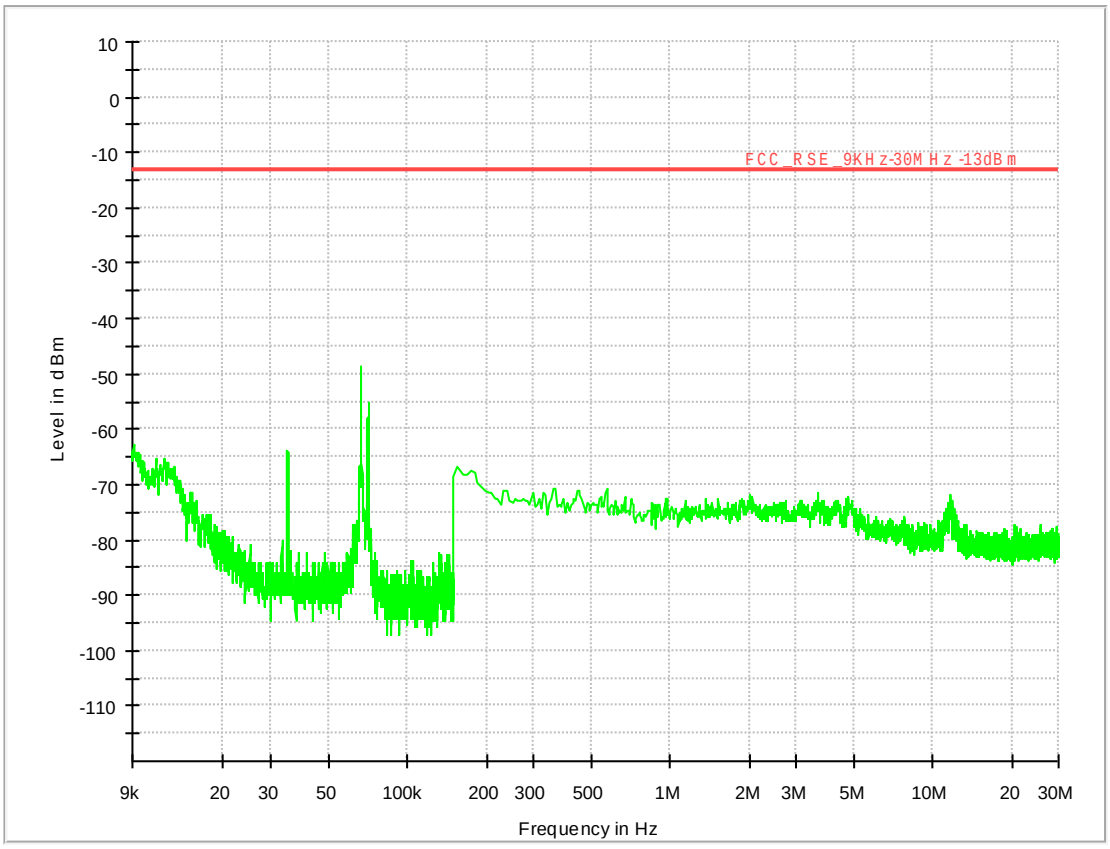
LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_H



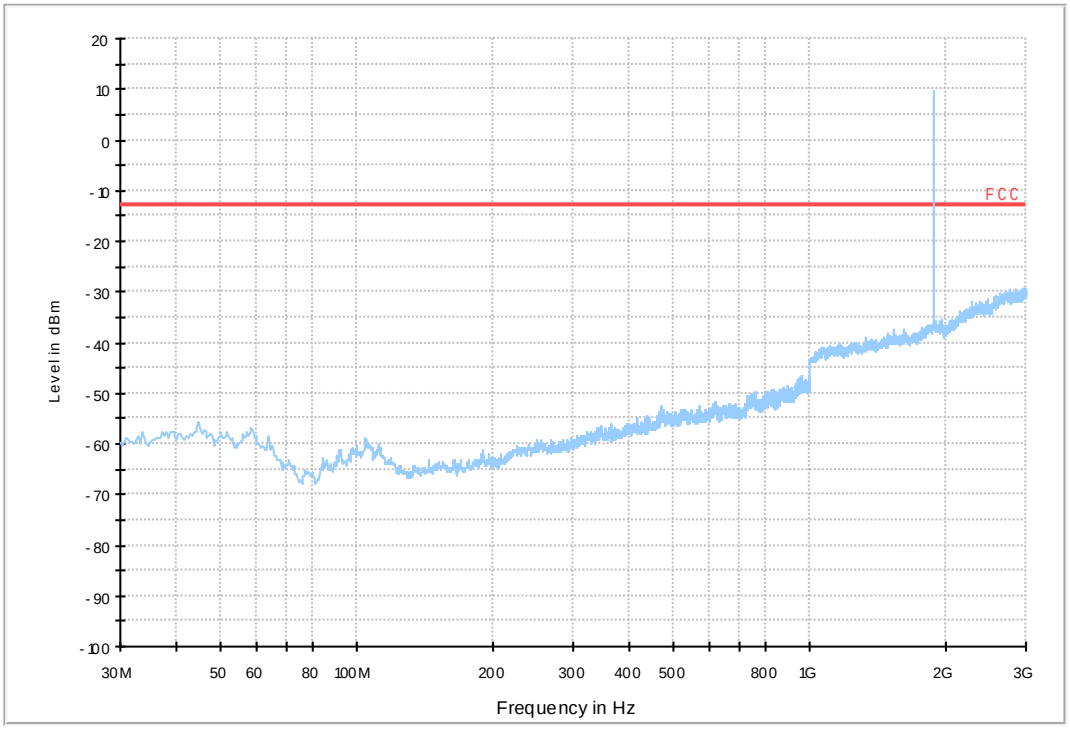
18G~26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK



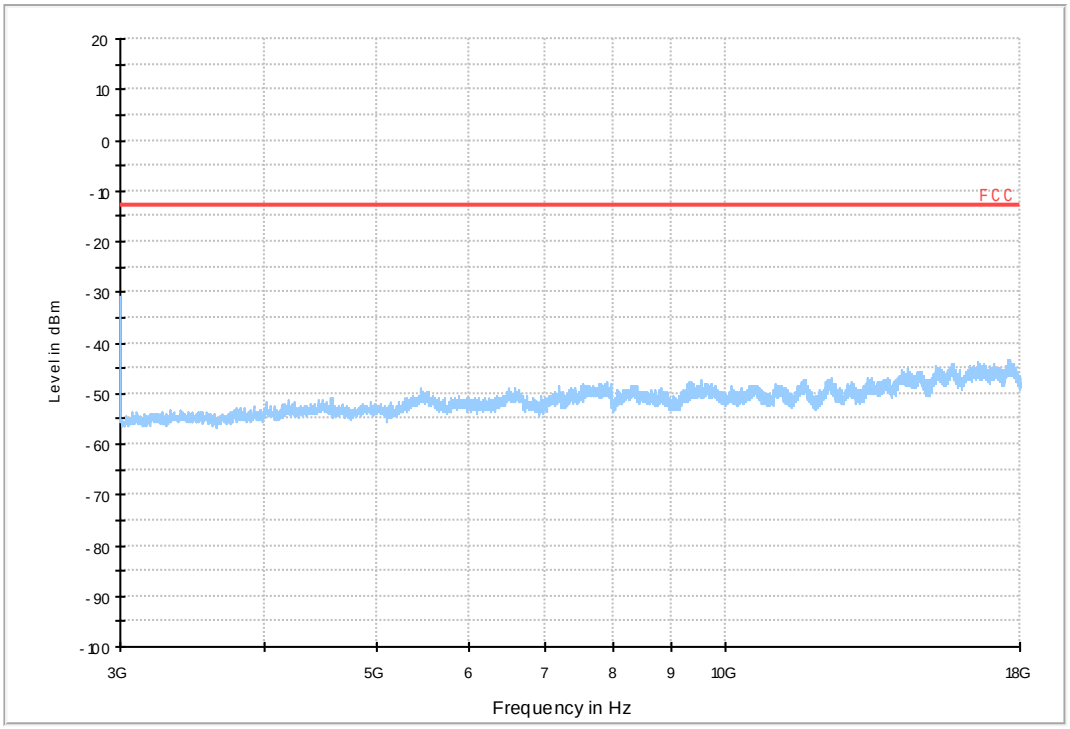
7.1.2.2 Test Bandwidth = 5



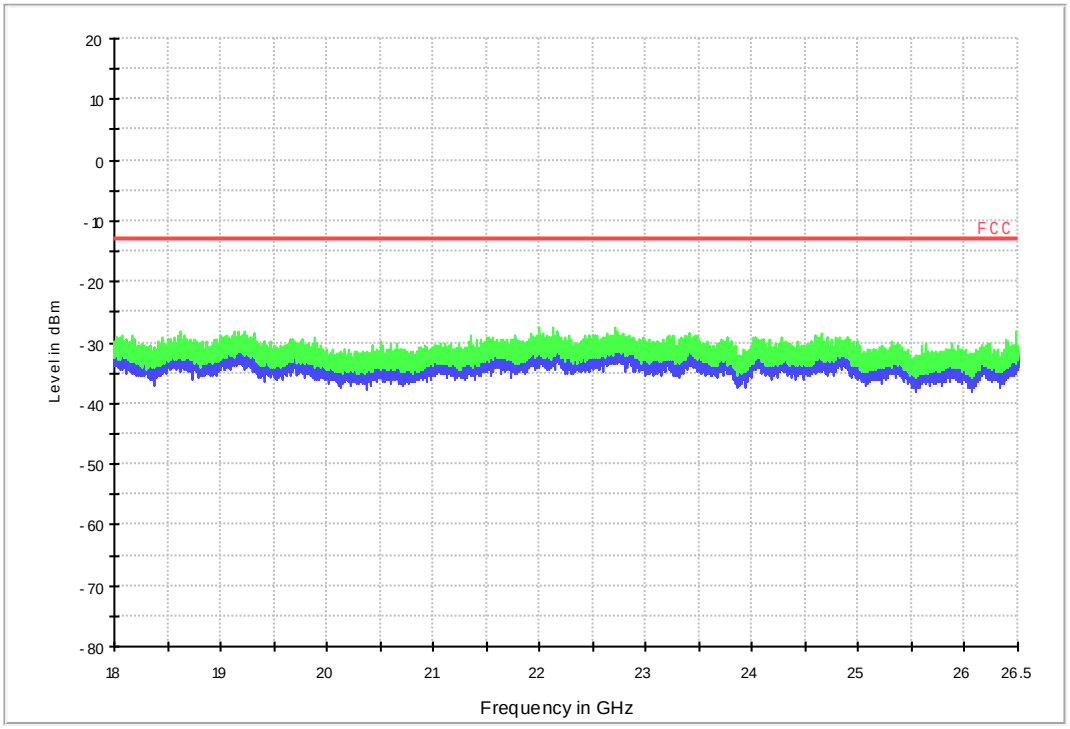
LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_L



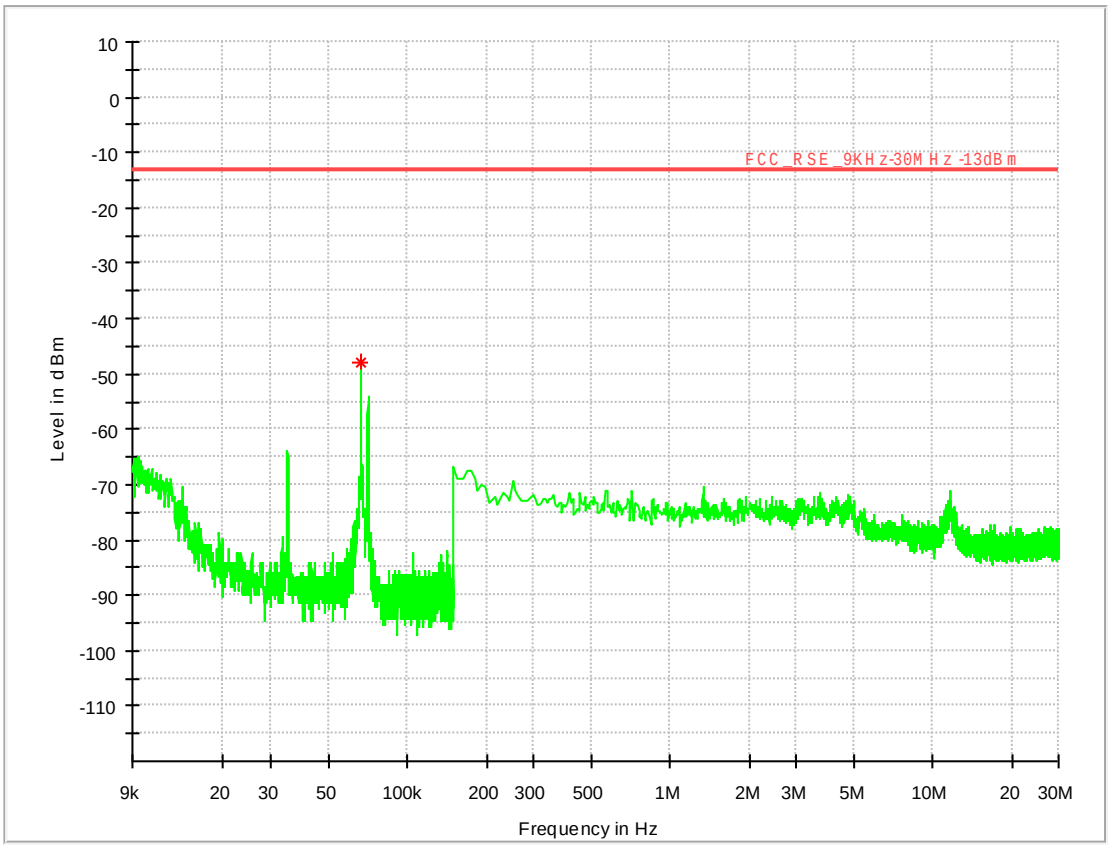
LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_H



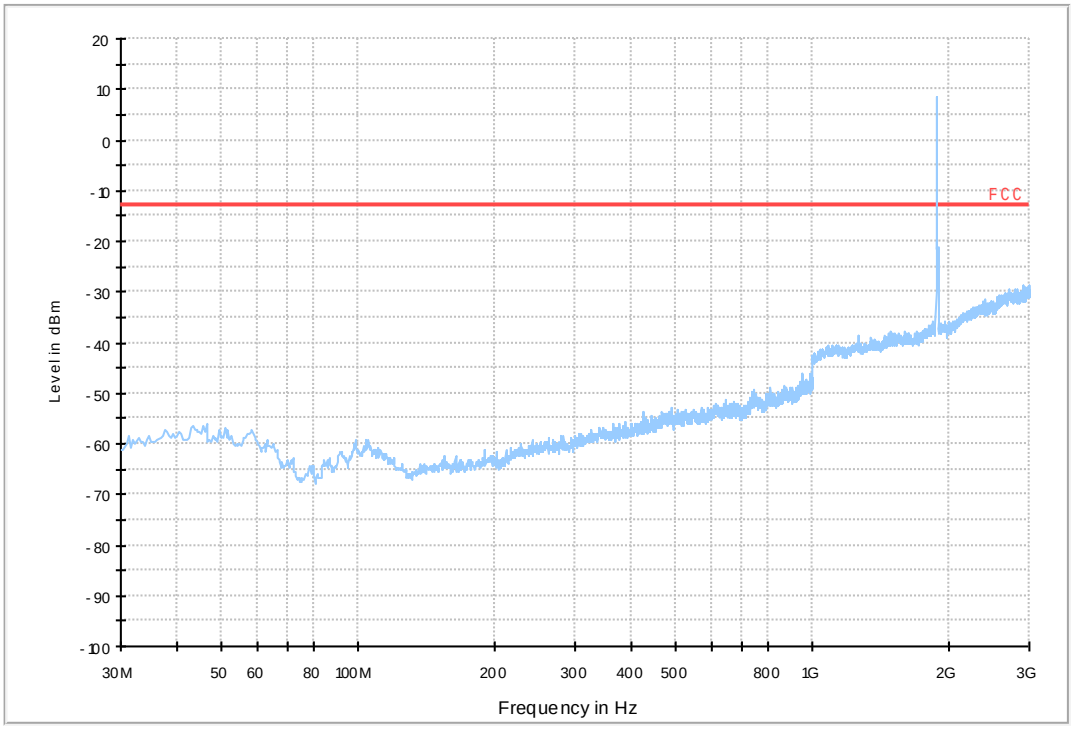
18G~26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK



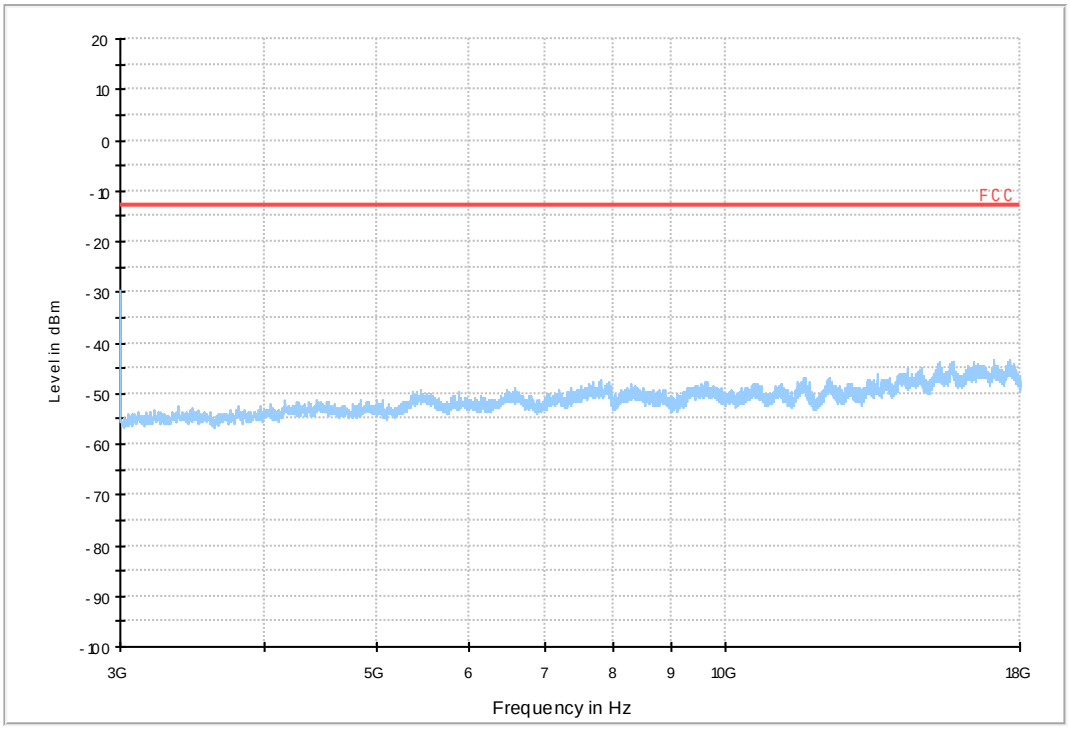
7.1.2.3 Test Bandwidth = 20



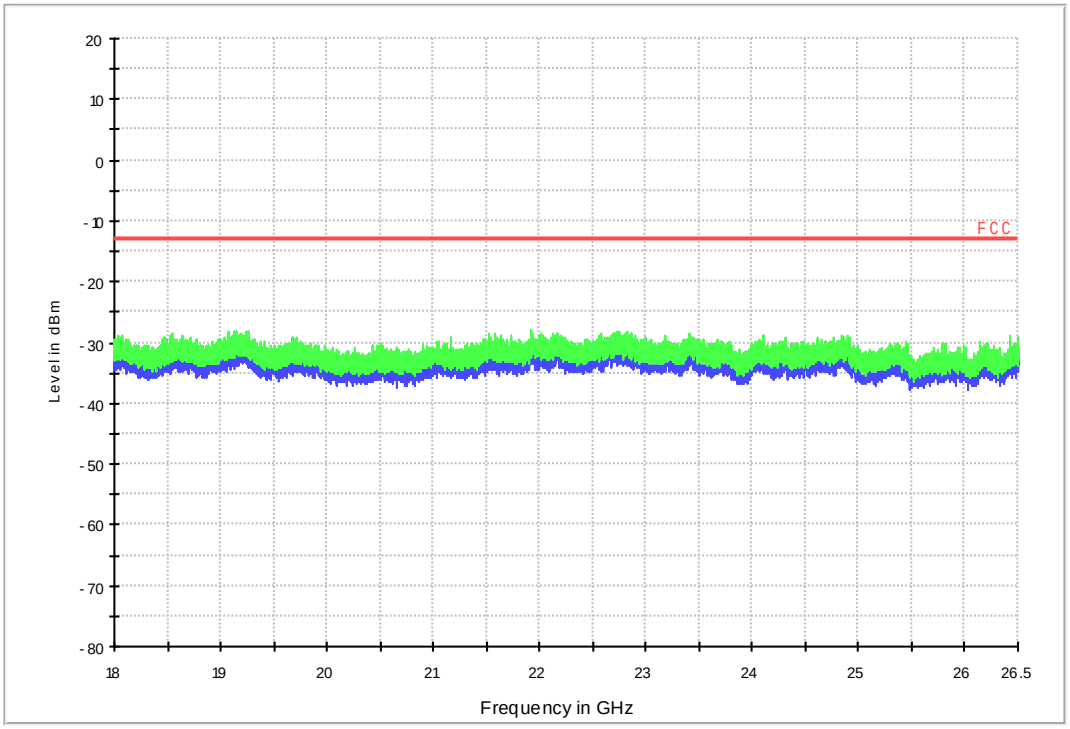
LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_L



LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_H



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
B2	LTE/TM1	1.4	LCH	TN	VL	-25.70629	-0.01389	PASS
					VN	1.90258	0.00103	PASS
					VH	-1.15871	-0.00063	PASS
			MCH	TN	VL	-6.20842	-0.0033	PASS
					VN	-3.10421	-0.00165	PASS
					VH	1.15871	0.00062	PASS
			HCH	TN	VL	-1.60217	-0.00084	PASS
					VN	-17.066	-0.00894	PASS
					VH	-1.98841	-0.00104	PASS
		3	LCH	TN	VL	-16.42227	-0.00887	PASS
					VN	-14.13345	-0.00763	PASS
					VH	-18.56804	-0.01003	PASS
			MCH	TN	VL	-7.22408	-0.00384	PASS
					VN	-6.63757	-0.00353	PASS
					VH	-0.18597	-0.0001	PASS
			HCH	TN	VL	-15.32078	-0.00803	PASS
					VN	-8.19683	-0.00429	PASS
					VH	-11.54423	-0.00605	PASS
		5	LCH	TN	VL	-15.67841	-0.00846	PASS
					VN	-18.95428	-0.01023	PASS
					VH	-22.9311	-0.01238	PASS
			MCH	TN	VL	-8.48293	-0.00451	PASS
					VN	-9.55582	-0.00508	PASS
					VH	-7.46727	-0.00397	PASS
			HCH	TN	VL	-9.4986	-0.00498	PASS
					VN	-9.04083	-0.00474	PASS
					VH	-7.52449	-0.00394	PASS
		10	LCH	TN	VL	-9.88483	-0.00533	PASS
					VN	-9.98497	-0.00538	PASS
					VH	-13.47542	-0.00726	PASS
			MCH	TN	VL	-3.9053	-0.00208	PASS
					VN	-5.83649	-0.0031	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	-4.16279	-0.00221	PASS
			HCH	TN	VL	-3.69072	-0.00194	PASS
					VN	-7.12395	-0.00374	PASS
					VH	-2.56062	-0.00134	PASS
		15	LCH	TN	VL	-9.32694	-0.00502	PASS
					VN	-13.10349	-0.00705	PASS
					VH	-13.84735	-0.00745	PASS
			MCH	TN	VL	-3.17573	-0.00169	PASS
					VN	-7.08103	-0.00377	PASS
					VH	-6.62327	-0.00352	PASS
			HCH	TN	VL	-1.71661	-0.0009	PASS
					VN	-6.33717	-0.00333	PASS
					VH	-3.86238	-0.00203	PASS
		20	LCH	TN	VL	-7.267	-0.00391	PASS
					VN	-11.38687	-0.00612	PASS
					VH	-10.97202	-0.0059	PASS
			MCH	TN	VL	-3.96252	-0.00211	PASS
					VN	-5.83649	-0.0031	PASS
					VH	-4.11987	-0.00219	PASS
			HCH	TN	VL	-9.05514	-0.00477	PASS
					VN	-7.72476	-0.00407	PASS
					VH	-5.77927	-0.00304	PASS
	LTE/TM2	1.4	LCH	TN	VL	-0.12875	-0.00007	PASS
					VN	-5.63621	-0.00305	PASS
					VH	3.83377	0.00207	PASS
			MCH	TN	VL	8.81195	0.00469	PASS
					VN	5.39303	0.00287	PASS
					VH	-12.44545	-0.00662	PASS
			HCH	TN	VL	-15.20634	-0.00796	PASS
					VN	-10.65731	-0.00558	PASS
					VH	-17.91	-0.00938	PASS
		3	LCH	TN	VL	-15.13481	-0.00817	PASS
					VN	-14.03332	-0.00758	PASS
					VH	-17.66682	-0.00954	PASS
			MCH	TN	VL	-0.8297	-0.00044	PASS
					VN	-0.38624	-0.00021	PASS
					VH	-6.06537	-0.00323	PASS
			HCH	TN	VL	-8.59737	-0.0045	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-13.9904	-0.00733	PASS
					VH	-21.57211	-0.0113	PASS
		5	LCH	TN	VL	-9.98497	-0.00539	PASS
					VN	-12.63142	-0.00682	PASS
					VH	-14.24789	-0.00769	PASS
			MCH	TN	VL	-3.74794	-0.00199	PASS
					VN	-9.84192	-0.00524	PASS
					VH	-6.12259	-0.00326	PASS
			HCH	TN	VL	-8.33988	-0.00437	PASS
					VN	-8.82626	-0.00463	PASS
					VH	-6.75201	-0.00354	PASS
		10	LCH	TN	VL	-6.46591	-0.00349	PASS
					VN	-8.45432	-0.00456	PASS
					VH	-8.03947	-0.00433	PASS
			MCH	TN	VL	-3.84808	-0.00205	PASS
					VN	-6.36578	-0.00339	PASS
					VH	-4.99249	-0.00266	PASS
			HCH	TN	VL	-4.96387	-0.00261	PASS
					VN	-7.56741	-0.00397	PASS
					VH	-2.21729	-0.00116	PASS
		15	LCH	TN	VL	-7.5531	-0.00407	PASS
					VN	-8.6689	-0.00467	PASS
					VH	-5.70774	-0.00307	PASS
			MCH	TN	VL	-2.08855	-0.00111	PASS
					VN	-6.39439	-0.0034	PASS
					VH	-4.14848	-0.00221	PASS
			HCH	TN	VL	0.48637	0.00026	PASS
					VN	-8.41141	-0.00442	PASS
					VH	-3.43323	-0.0018	PASS
		20	LCH	TN	VL	-4.70638	-0.00253	PASS
					VN	-10.02789	-0.00539	PASS
					VH	-6.26564	-0.00337	PASS
			MCH	TN	VL	-4.62055	-0.00246	PASS
					VN	-5.45025	-0.0029	PASS
					VH	-3.23296	-0.00172	PASS
			HCH	TN	VL	-4.34875	-0.00229	PASS
					VN	-9.31263	-0.0049	PASS
					VH	-3.50475	-0.00184	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
B2	LTE/TM1	1.4	LCH	VN	-30	-2.81811	-0.00152	PASS
					-20	80.63793	0.04357	PASS
					-10	16.06464	0.00868	PASS
					0	-10.15663	-0.00549	PASS
					10	-17.13753	-0.00926	PASS
					20	1.90258	0.00103	PASS
					30	3.27587	0.00177	PASS
					40	-10.22816	-0.00553	PASS
					50	12.77447	0.0069	PASS
			MCH	VN	-30	-30.32684	-0.01613	PASS
					-20	-6.60896	-0.00352	PASS
					-10	-2.54631	-0.00135	PASS
					0	4.72069	0.00251	PASS
					10	-2.48909	-0.00132	PASS
					20	-3.10421	-0.00165	PASS
					30	-5.27859	-0.00281	PASS
					40	-14.93454	-0.00794	PASS
					50	-8.03947	-0.00428	PASS
			HCH	VN	-30	-31.92902	-0.01672	PASS
					-20	1.15871	0.00061	PASS
					-10	-2.60353	-0.00136	PASS
					0	6.45161	0.00338	PASS
					10	-12.0163	-0.00629	PASS
					20	-17.066	-0.00894	PASS
					30	-28.15247	-0.01474	PASS
					40	6.46591	0.00339	PASS
					50	-8.23975	-0.00432	PASS
		3	LCH	VN	-30	-22.43042	-0.01211	PASS
					-20	-17.58099	-0.0095	PASS
					-10	-14.19067	-0.00766	PASS
					0	-22.13001	-0.01195	PASS
					10	-18.39638	-0.00994	PASS
					20	-14.13345	-0.00763	PASS
					30	-17.36641	-0.00938	PASS
					40	-16.59393	-0.00896	PASS
					50	-17.22336	-0.0093	PASS
			MCH	VN	-30	1.08719	0.00058	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	1.80244	0.00096	PASS
					-10	0.81539	0.00043	PASS
					0	-2.70367	-0.00144	PASS
					10	-18.7397	-0.00997	PASS
					20	-6.63757	-0.00353	PASS
					30	-3.19004	-0.0017	PASS
					40	-14.06193	-0.00748	PASS
					50	3.69072	0.00196	PASS
			HCH	VN	-30	-10.67162	-0.00559	PASS
					-20	-8.23975	-0.00432	PASS
					-10	-7.95364	-0.00417	PASS
					0	-8.54015	-0.00447	PASS
					10	-8.01086	-0.0042	PASS
					20	-8.19683	-0.00429	PASS
					30	-7.73907	-0.00406	PASS
					40	-15.9359	-0.00835	PASS
					50	-13.7043	-0.00718	PASS
		5	LCH	VN	-30	-16.29353	-0.0088	PASS
					-20	-17.56668	-0.00948	PASS
					-10	-18.29624	-0.00988	PASS
					0	-16.88004	-0.00911	PASS
					10	-15.07759	-0.00814	PASS
					20	-18.95428	-0.01023	PASS
					30	-15.24925	-0.00823	PASS
					40	-16.90865	-0.00913	PASS
					50	-16.09325	-0.00869	PASS
			MCH	VN	-30	-10.18524	-0.00542	PASS
					-20	-8.91209	-0.00474	PASS
					-10	-7.66754	-0.00408	PASS
					0	-10.6287	-0.00565	PASS
					10	-10.6144	-0.00565	PASS
					20	-9.55582	-0.00508	PASS
					30	-8.3971	-0.00447	PASS
					40	-10.47134	-0.00557	PASS
					50	-9.81331	-0.00522	PASS
			HCH	VN	-30	-8.71181	-0.00457	PASS
					-20	-8.64029	-0.00453	PASS
					-10	-7.92503	-0.00415	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	-11.65867	-0.00611	PASS
					10	-9.36985	-0.00491	PASS
					20	-9.04083	-0.00474	PASS
					30	-6.88076	-0.00361	PASS
					40	-14.30511	-0.0075	PASS
					50	-10.75745	-0.00564	PASS
		10	LCH	VN	-30	-11.01494	-0.00594	PASS
					-20	-12.66003	-0.00682	PASS
					-10	-11.11507	-0.00599	PASS
					0	-16.53671	-0.00891	PASS
					10	-8.74043	-0.00471	PASS
					20	-9.98497	-0.00538	PASS
					30	-8.18253	-0.00441	PASS
					40	-15.378	-0.00829	PASS
					50	-14.73427	-0.00794	PASS
			MCH	VN	-30	-9.48429	-0.00504	PASS
					-20	-5.55039	-0.00295	PASS
					-10	-4.27723	-0.00228	PASS
					0	-8.48293	-0.00451	PASS
					10	-9.61304	-0.00511	PASS
					20	-5.83649	-0.0031	PASS
					30	-4.14848	-0.00221	PASS
					40	-9.97067	-0.0053	PASS
					50	-7.12395	-0.00379	PASS
			HCH	VN	-30	-6.49452	-0.00341	PASS
					-20	-7.98225	-0.00419	PASS
					-10	-6.55174	-0.00344	PASS
					0	-7.267	-0.00381	PASS
					10	-3.79086	-0.00199	PASS
					20	-7.12395	-0.00374	PASS
					30	-5.83649	-0.00306	PASS
					40	-4.06265	-0.00213	PASS
					50	-4.49181	-0.00236	PASS
		15	LCH	VN	-30	-12.41684	-0.00668	PASS
					-20	-13.31806	-0.00717	PASS
					-10	-16.76559	-0.00903	PASS
					0	-10.24246	-0.00551	PASS
					10	-14.36234	-0.00773	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	-13.10349	-0.00705	PASS
					30	-9.32694	-0.00502	PASS
					40	-10.67162	-0.00575	PASS
					50	-10.39982	-0.0056	PASS
			MCH	VN	-30	-10.11372	-0.00538	PASS
					-20	-6.29425	-0.00335	PASS
					-10	-4.56333	-0.00243	PASS
					0	-3.60489	-0.00192	PASS
					10	-7.73907	-0.00412	PASS
					20	-7.08103	-0.00377	PASS
					30	-5.57899	-0.00297	PASS
					40	-9.58443	-0.0051	PASS
					50	-6.9952	-0.00372	PASS
			HCH	VN	-30	-8.0967	-0.00426	PASS
					-20	-5.23567	-0.00275	PASS
					-10	-3.49045	-0.00183	PASS
					0	-4.62055	-0.00243	PASS
					10	-3.83377	-0.00202	PASS
					20	-6.33717	-0.00333	PASS
					30	-8.01086	-0.00421	PASS
					40	-6.75201	-0.00355	PASS
					50	-6.45161	-0.00339	PASS
		20	LCH	VN	-30	-7.35283	-0.00395	PASS
					-20	-9.68456	-0.00521	PASS
					-10	-8.26836	-0.00445	PASS
					0	-11.63006	-0.00625	PASS
					10	-10.97202	-0.0059	PASS
					20	-11.38687	-0.00612	PASS
					30	-10.9148	-0.00587	PASS
					40	-11.84464	-0.00637	PASS
					50	-11.01494	-0.00592	PASS
			MCH	VN	-30	-2.77519	-0.00148	PASS
					-20	-7.20978	-0.00383	PASS
					-10	-7.06673	-0.00376	PASS
					0	-7.46727	-0.00397	PASS
					10	-6.52313	-0.00347	PASS
					20	-5.83649	-0.0031	PASS
					30	-7.5388	-0.00401	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-7.03812	-0.00374	PASS
					50	-7.19547	-0.00383	PASS
			HCH	VN	-30	-4.33445	-0.00228	PASS
					-20	-7.5388	-0.00397	PASS
					-10	-4.54903	-0.00239	PASS
					0	-9.16958	-0.00483	PASS
					10	-8.44002	-0.00444	PASS
					20	-7.72476	-0.00407	PASS
					30	-6.09398	-0.00321	PASS
					40	-12.28809	-0.00647	PASS
					50	-6.46591	-0.0034	PASS
	LTE/TM2	1.4	LCH	VN	-30	5.5933	0.00302	PASS
					-20	8.85487	0.00478	PASS
					-10	-11.52992	-0.00623	PASS
					0	-1.20163	-0.00065	PASS
					10	-4.7636	-0.00257	PASS
					20	-5.63621	-0.00305	PASS
					30	-8.76904	-0.00474	PASS
					40	-9.67026	-0.00523	PASS
					50	6.32286	0.00342	PASS
			MCH	VN	-30	-22.1014	-0.01176	PASS
					-20	-4.94957	-0.00263	PASS
					-10	-13.1321	-0.00699	PASS
					0	1.83106	0.00097	PASS
					10	-5.26428	-0.0028	PASS
					20	5.39303	0.00287	PASS
					30	-0.38624	-0.00021	PASS
					40	3.66211	0.00195	PASS
					50	0.58651	0.00031	PASS
			HCH	VN	-30	-27.02236	-0.01415	PASS
					-20	-70.52422	-0.03694	PASS
					-10	-26.43585	-0.01385	PASS
					0	-16.76559	-0.00878	PASS
					10	-8.03947	-0.00421	PASS
					20	-10.65731	-0.00558	PASS
					30	-8.18253	-0.00429	PASS
					40	-13.37528	-0.00701	PASS
					50	-13.1464	-0.00689	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		3	LCH	VN	-30	-20.25604	-0.01094	PASS
					-20	-14.16206	-0.00765	PASS
					-10	-7.5531	-0.00408	PASS
					0	-25.21992	-0.01362	PASS
					10	-17.86709	-0.00965	PASS
					20	-14.03332	-0.00758	PASS
					30	-28.48148	-0.01538	PASS
					40	-12.97474	-0.00701	PASS
					50	-11.35826	-0.00613	PASS
			MCH	VN	-30	9.61304	0.00511	PASS
					-20	-16.88004	-0.00898	PASS
					-10	-3.3474	-0.00178	PASS
					0	-1.63078	-0.00087	PASS
					10	-0.45776	-0.00024	PASS
					20	-0.38624	-0.00021	PASS
					30	2.68936	0.00143	PASS
					40	-6.06537	-0.00323	PASS
					50	-8.3828	-0.00446	PASS
			HCH	VN	-30	-11.73019	-0.00615	PASS
					-20	-10.21385	-0.00535	PASS
					-10	-11.27243	-0.00591	PASS
					0	-6.90937	-0.00362	PASS
					10	-9.09805	-0.00477	PASS
					20	-13.9904	-0.00733	PASS
					30	-8.0967	-0.00424	PASS
					40	-14.34803	-0.00752	PASS
					50	-11.40118	-0.00597	PASS
		5	LCH	VN	-30	-13.34667	-0.0072	PASS
					-20	-16.67976	-0.009	PASS
					-10	-16.37936	-0.00884	PASS
					0	-13.11779	-0.00708	PASS
					10	-15.46383	-0.00835	PASS
					20	-12.63142	-0.00682	PASS
					30	-11.77311	-0.00636	PASS
					40	-14.74857	-0.00796	PASS
					50	-15.29217	-0.00825	PASS
			MCH	VN	-30	-6.75201	-0.00359	PASS
					-20	-4.87804	-0.00259	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-10.14233	-0.00539	PASS
					0	-7.16686	-0.00381	PASS
					10	-8.74043	-0.00465	PASS
					20	-9.84192	-0.00524	PASS
					30	-9.14097	-0.00486	PASS
					40	-8.33988	-0.00444	PASS
					50	-9.15527	-0.00487	PASS
			HCH	VN	-30	-10.47134	-0.00549	PASS
					-20	-10.51426	-0.00551	PASS
					-10	-10.42843	-0.00547	PASS
					0	-7.5388	-0.00395	PASS
					10	-12.11643	-0.00635	PASS
					20	-8.82626	-0.00463	PASS
					30	-12.53128	-0.00657	PASS
					40	-11.54423	-0.00605	PASS
					50	-10.0708	-0.00528	PASS
		10	LCH	VN	-30	-9.41277	-0.00507	PASS
					-20	-7.02381	-0.00379	PASS
					-10	-6.38008	-0.00344	PASS
					0	-4.34875	-0.00234	PASS
					10	-8.84056	-0.00477	PASS
					20	-8.45432	-0.00456	PASS
					30	-13.81874	-0.00745	PASS
					40	-8.64029	-0.00466	PASS
					50	-6.85215	-0.00369	PASS
			MCH	VN	-30	-5.3072	-0.00282	PASS
					-20	-9.31263	-0.00495	PASS
					-10	-9.25541	-0.00492	PASS
					0	-5.29289	-0.00282	PASS
					10	-7.29561	-0.00388	PASS
					20	-6.36578	-0.00339	PASS
					30	-8.3971	-0.00447	PASS
					40	-6.90937	-0.00368	PASS
					50	-5.92232	-0.00315	PASS
			HCH	VN	-30	-4.64916	-0.00244	PASS
					-20	-5.90801	-0.0031	PASS
					-10	-4.14848	-0.00218	PASS
					0	-3.6335	-0.00191	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-7.45296	-0.00391	PASS
					20	-7.56741	-0.00397	PASS
					30	-8.58307	-0.00451	PASS
					40	-5.29289	-0.00278	PASS
					50	-6.33717	-0.00333	PASS
		15	LCH	VN	-30	-11.35826	-0.00611	PASS
					-20	-9.31263	-0.00501	PASS
					-10	-13.9761	-0.00752	PASS
					0	-10.42843	-0.00561	PASS
					10	-10.47134	-0.00564	PASS
					20	-8.6689	-0.00467	PASS
					30	-11.68728	-0.00629	PASS
					40	-10.14233	-0.00546	PASS
					50	-10.72884	-0.00578	PASS
			MCH	VN	-30	-7.93934	-0.00422	PASS
					-20	-0.00233	-0.00233	PASS
					-10	-3.10421	-0.00165	PASS
					0	-6.63757	-0.00353	PASS
					10	-7.56741	-0.00403	PASS
					20	-6.39439	-0.0034	PASS
					30	-4.99249	-0.00266	PASS
					40	-6.40869	-0.00341	PASS
					50	-5.19276	-0.00276	PASS
			HCH	VN	-30	-5.10693	-0.00268	PASS
					-20	-4.96387	-0.00261	PASS
					-10	-3.70503	-0.00195	PASS
					0	-6.39439	-0.00336	PASS
					10	-6.60896	-0.00347	PASS
					20	-8.41141	-0.00442	PASS
					30	-9.2268	-0.00485	PASS
					40	-6.92368	-0.00364	PASS
					50	-6.38008	-0.00335	PASS
		20	LCH	VN	-30	-8.82626	-0.00475	PASS
					-20	-8.111	-0.00436	PASS
					-10	-7.81059	-0.0042	PASS
					0	-7.93934	-0.00427	PASS
					10	-10.42843	-0.00561	PASS
					20	-10.02789	-0.00539	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-8.13961	-0.00438	PASS
					40	-11.14368	-0.00599	PASS
					50	-8.58307	-0.00461	PASS
			MCH	VN	-30	-6.46591	-0.00344	PASS
					-20	-6.36578	-0.00339	PASS
					-10	-3.71933	-0.00198	PASS
					0	-4.99249	-0.00266	PASS
					10	-5.76496	-0.00307	PASS
					20	-5.45025	-0.0029	PASS
					30	-6.52313	-0.00347	PASS
					40	-6.52313	-0.00347	PASS
					50	-7.61032	-0.00405	PASS
			HCH	VN	-30	-7.32422	-0.00385	PASS
					-20	-9.32694	-0.00491	PASS
					-10	-9.02653	-0.00475	PASS
					0	-9.58443	-0.00504	PASS
					10	-8.29697	-0.00437	PASS
					20	-9.31263	-0.0049	PASS
					30	-9.4986	-0.005	PASS
					40	-9.01222	-0.00474	PASS
					50	-6.82354	-0.00359	PASS

END