

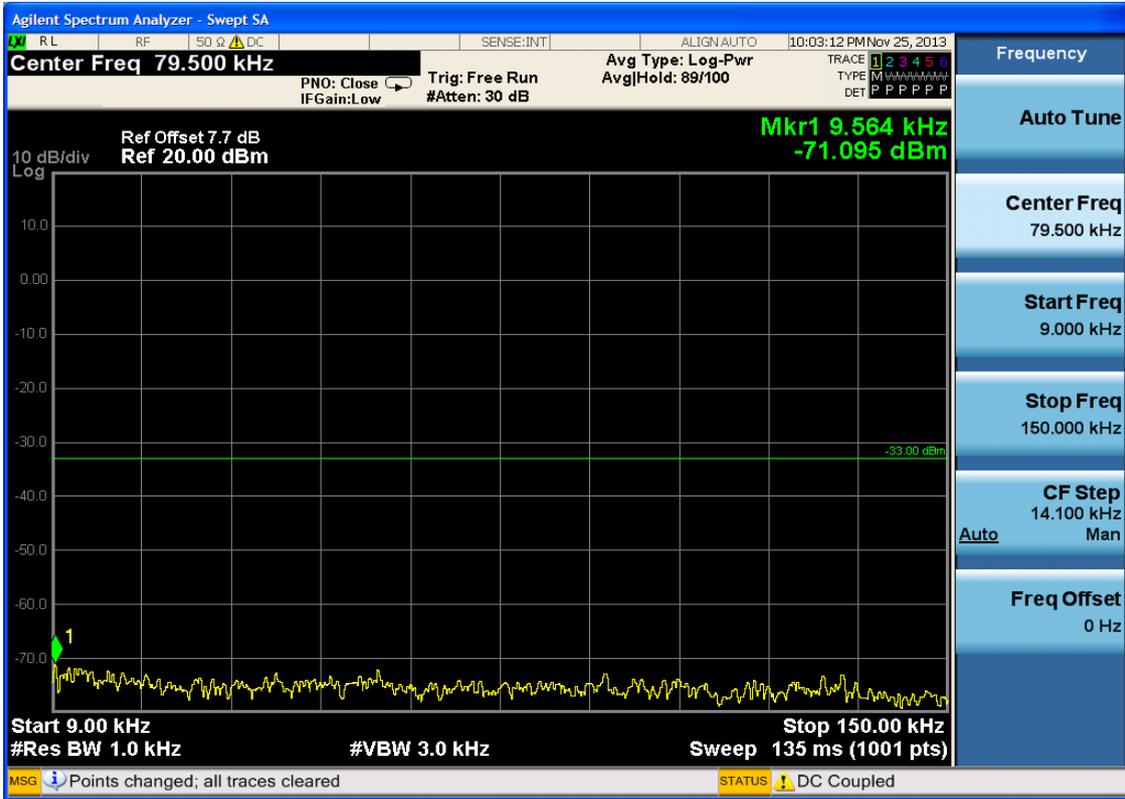


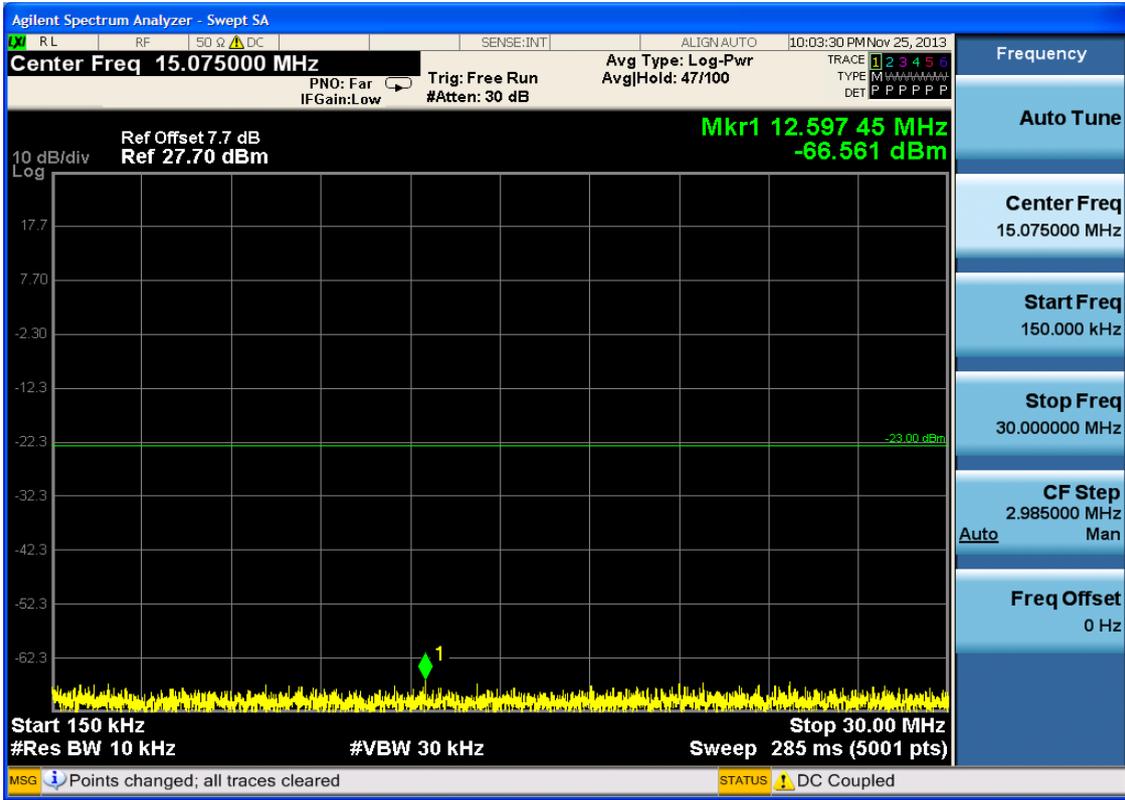




6.3.6.2.2.3 Test Channel = HCH

6.3.6.2.2.3.1 Test RB = RB1#0











6.3.7 Test Band = BAND17

6.3.7.1 Test Mode = LTE/TM1

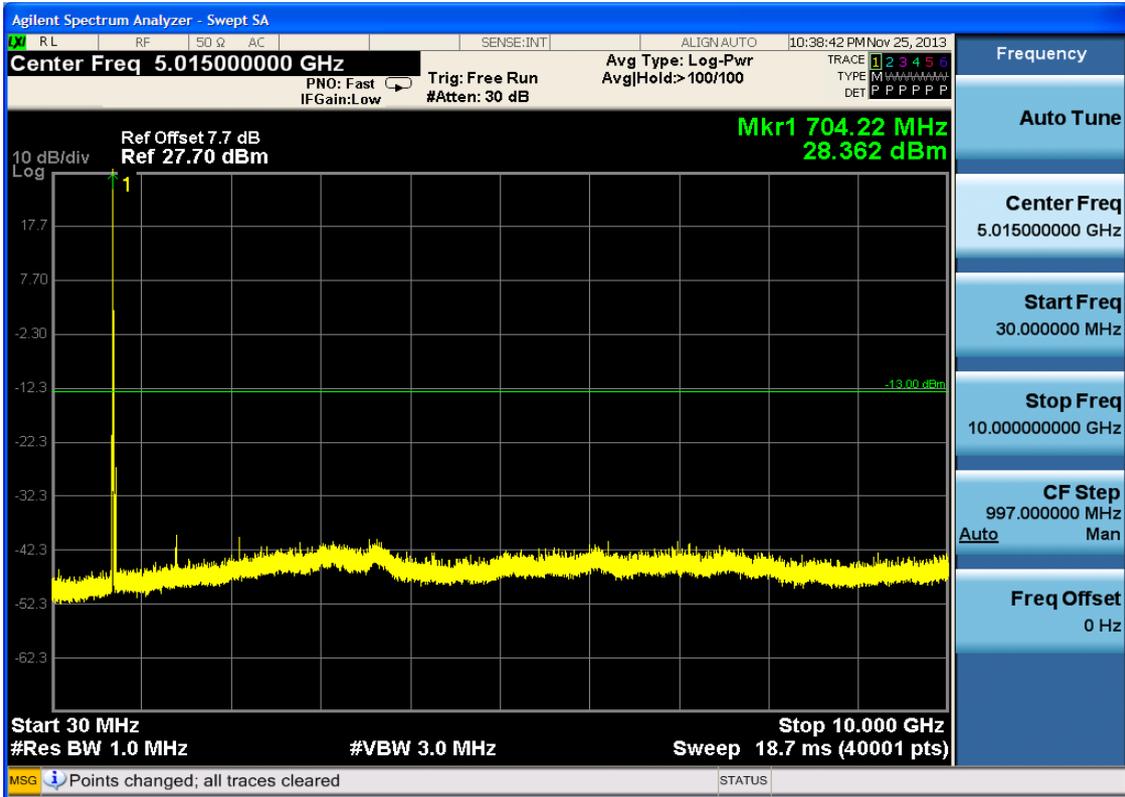
6.3.7.1.1 Test Bandwidth = 5

6.3.7.1.1.1 Test Channel = LCH

6.3.7.1.1.1.1 Test RB = RB1#0



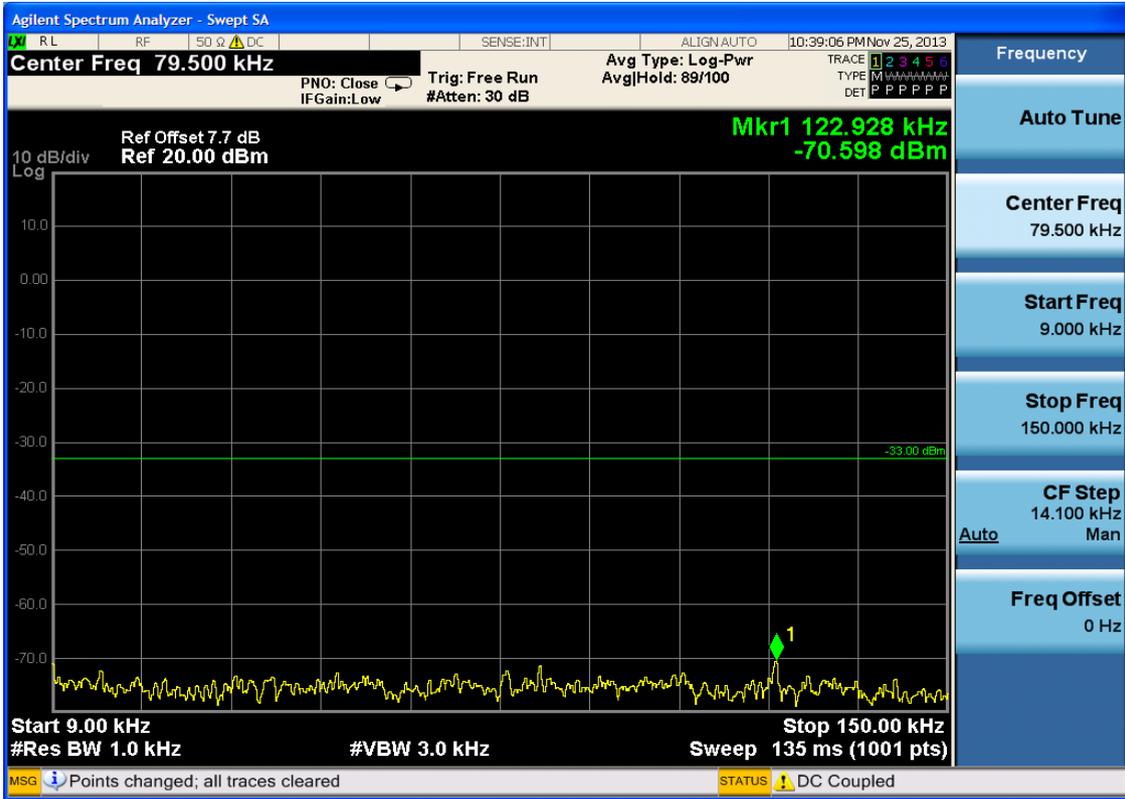




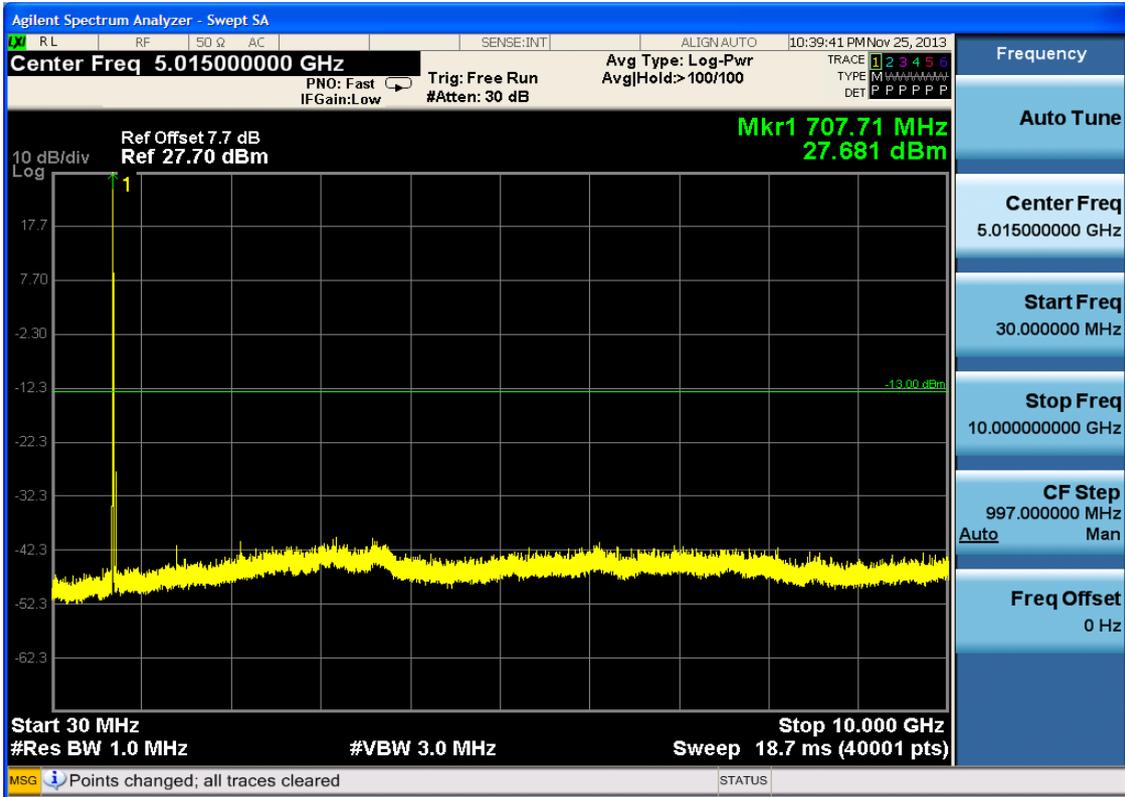


6.3.7.1.1.2 Test Channel = MCH

6.3.7.1.1.2.1 Test RB = RB1#0



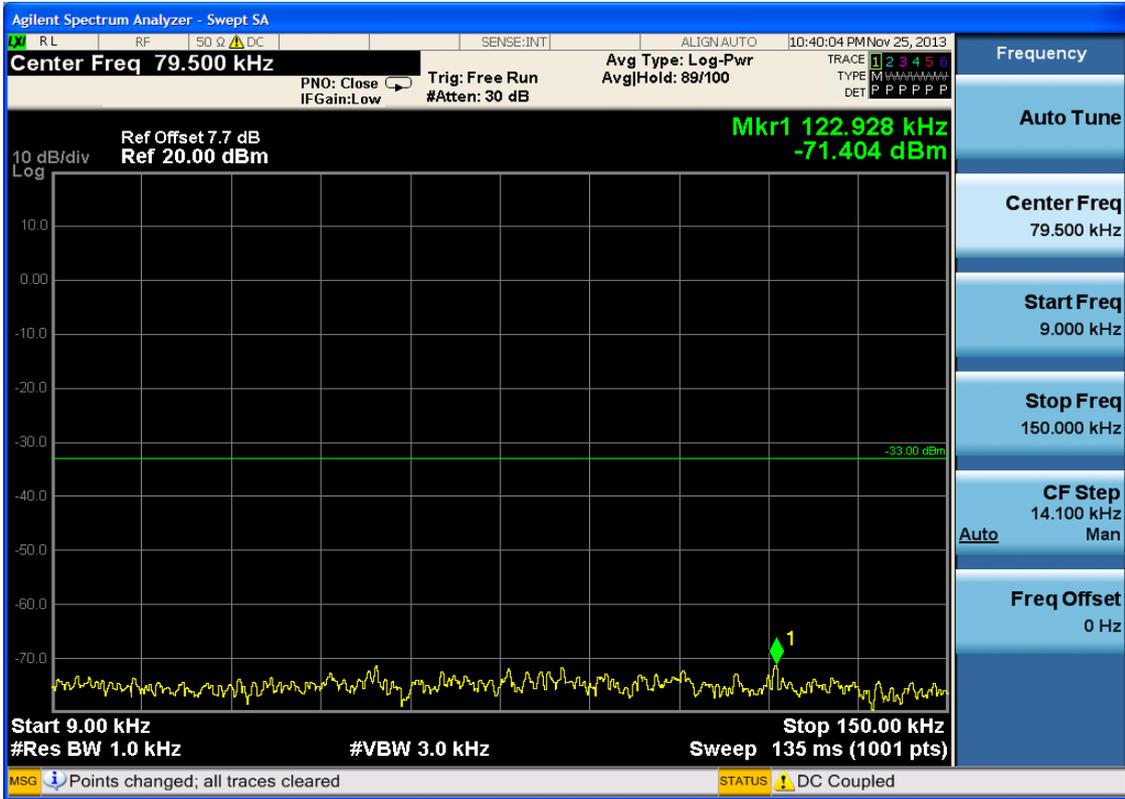


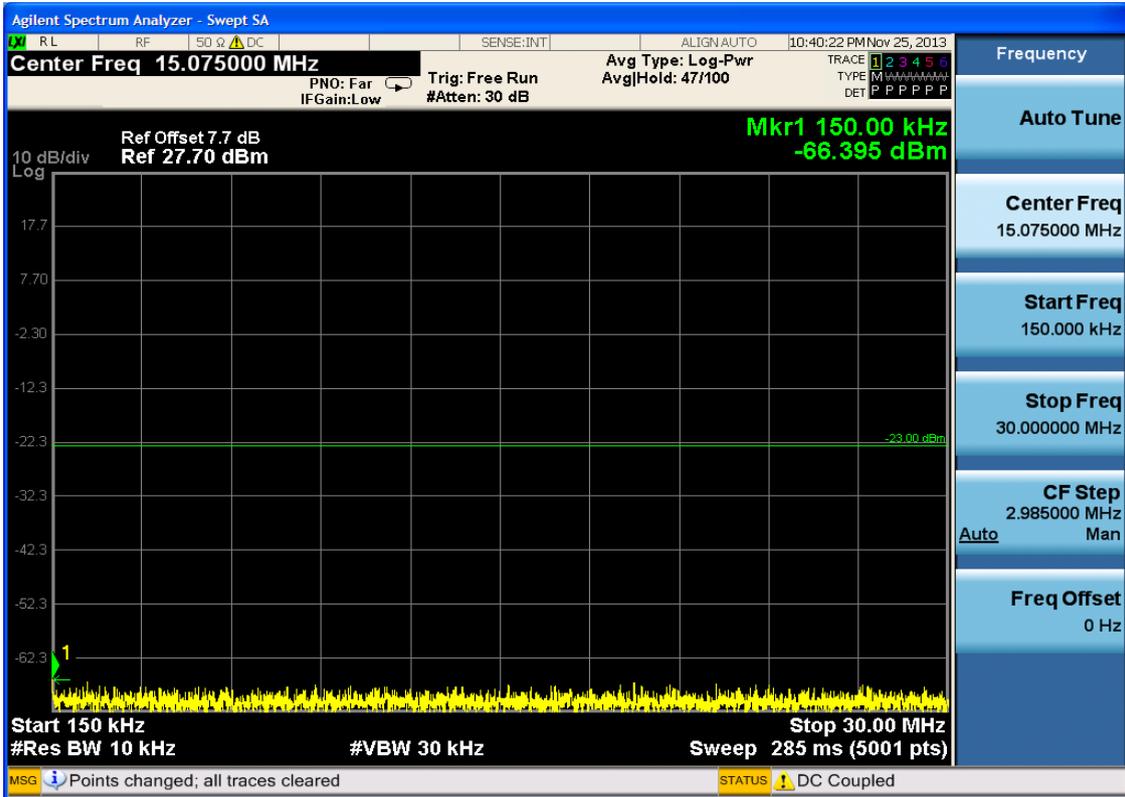




6.3.7.1.1.3 Test Channel = HCH

6.3.7.1.1.3.1 Test RB = RB1#0







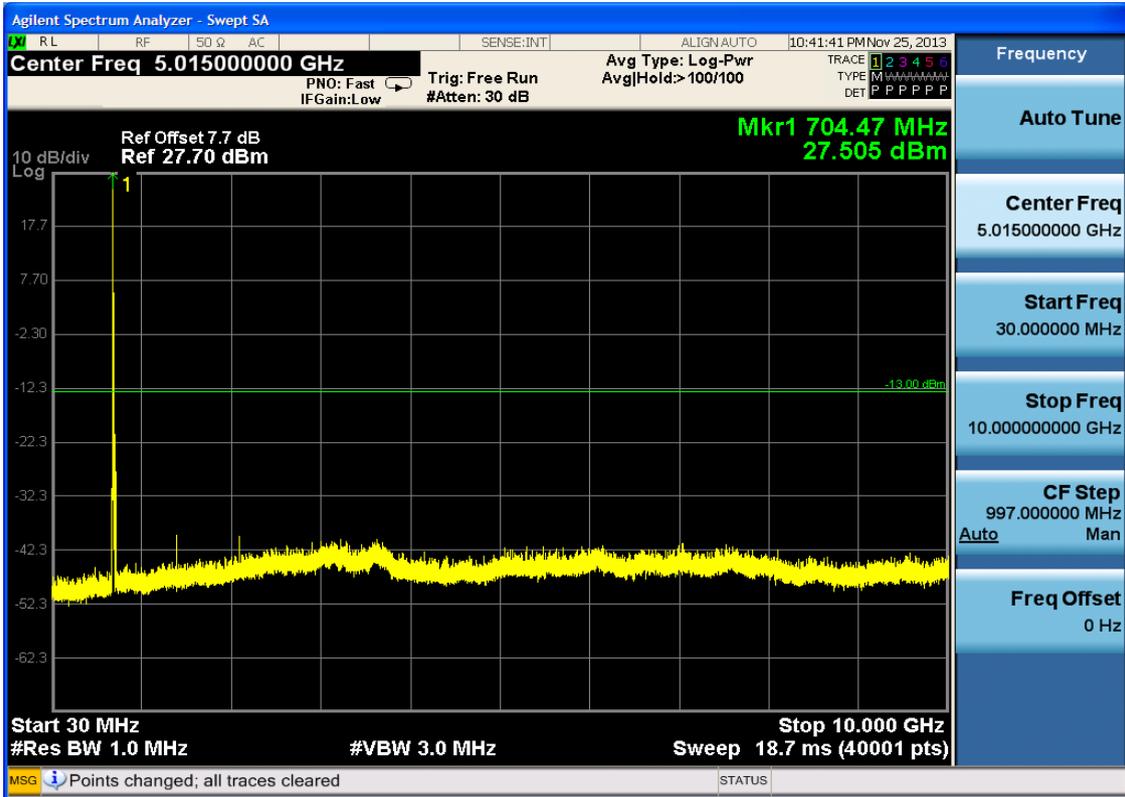
6.3.7.1.2 Test Bandwidth = 10

6.3.7.1.2.1 Test Channel = LCH

6.3.7.1.2.1.1 Test RB = RB1#0





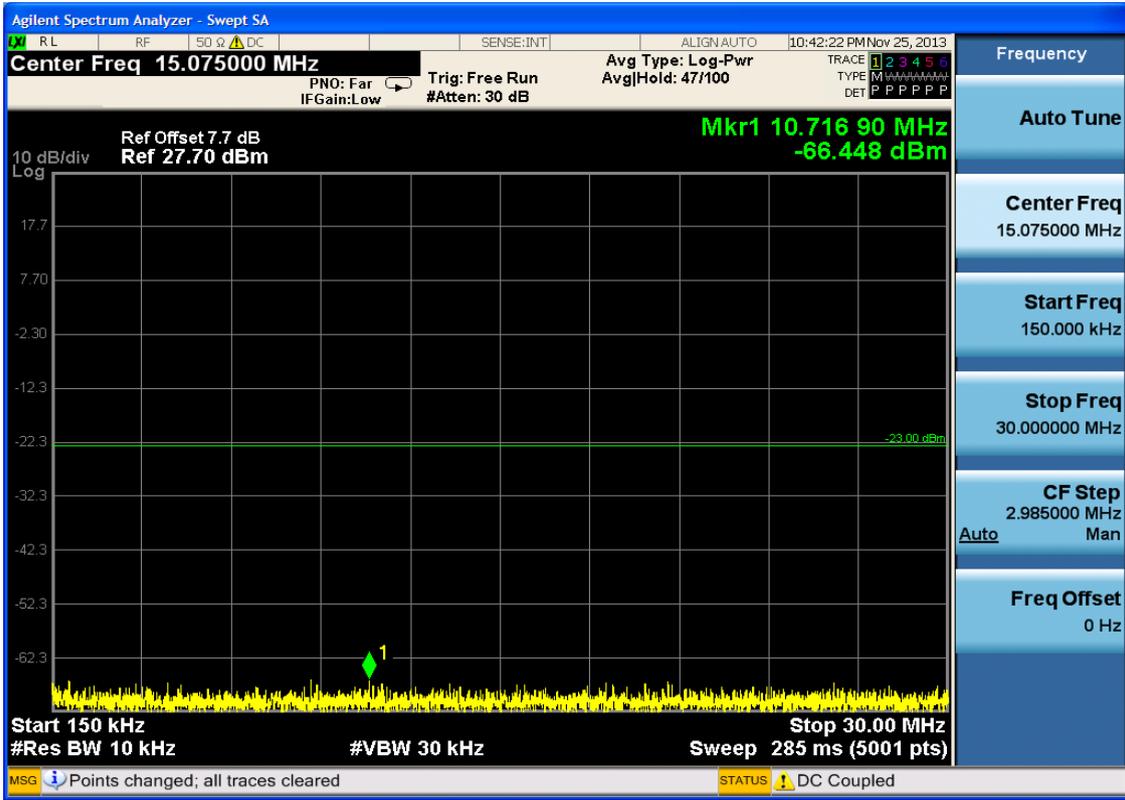


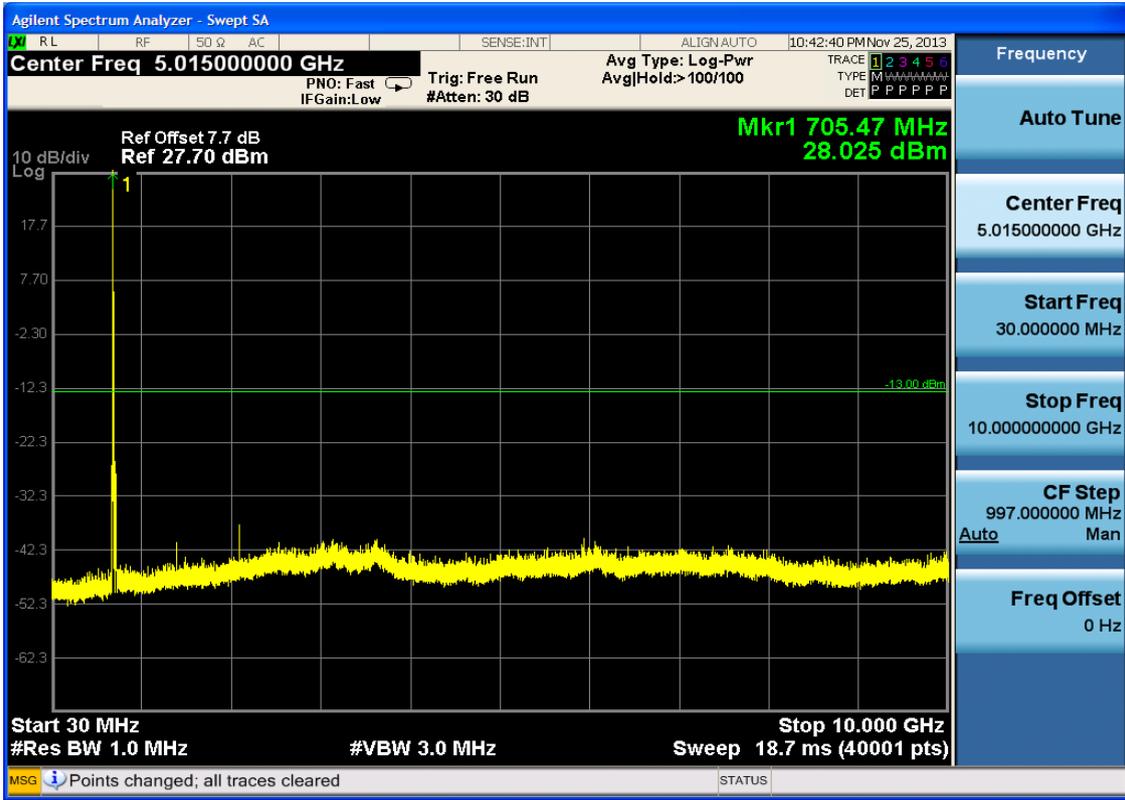


6.3.7.1.2.2 Test Channel = MCH

6.3.7.1.2.2.1 Test RB = RB1#0







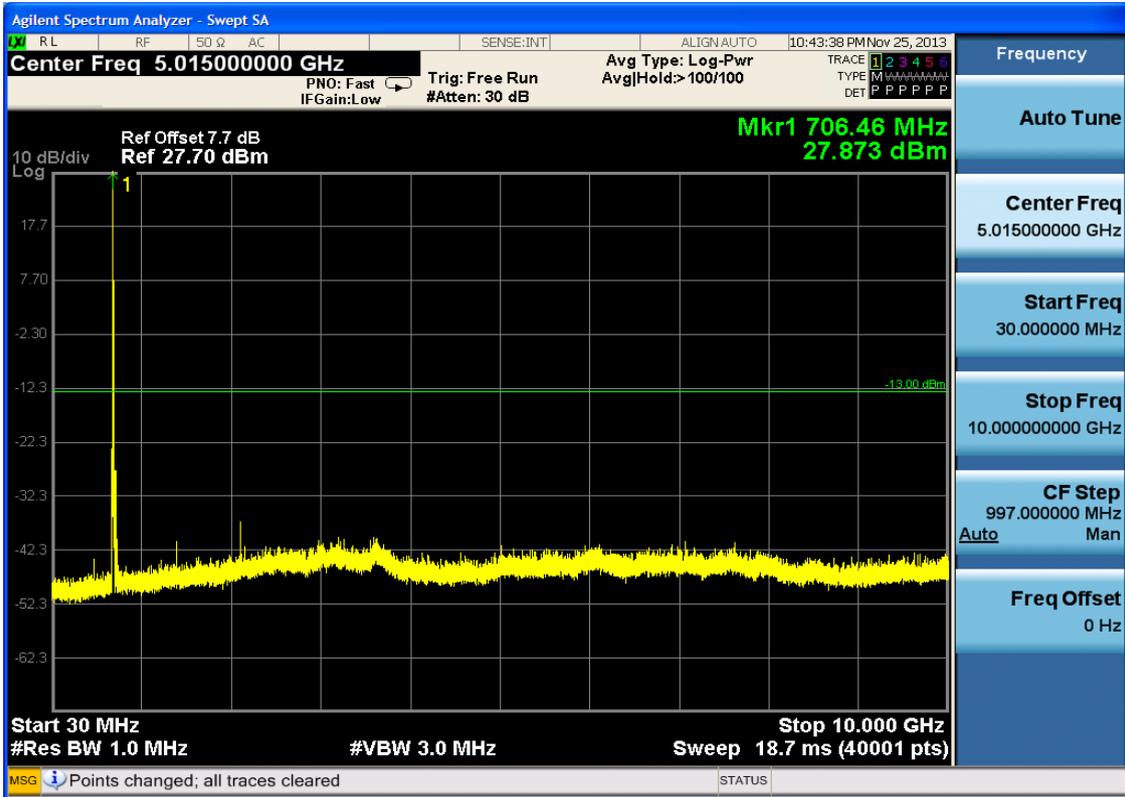


6.3.7.1.2.3 Test Channel = HCH

6.3.7.1.2.3.1 Test RB = RB1#0







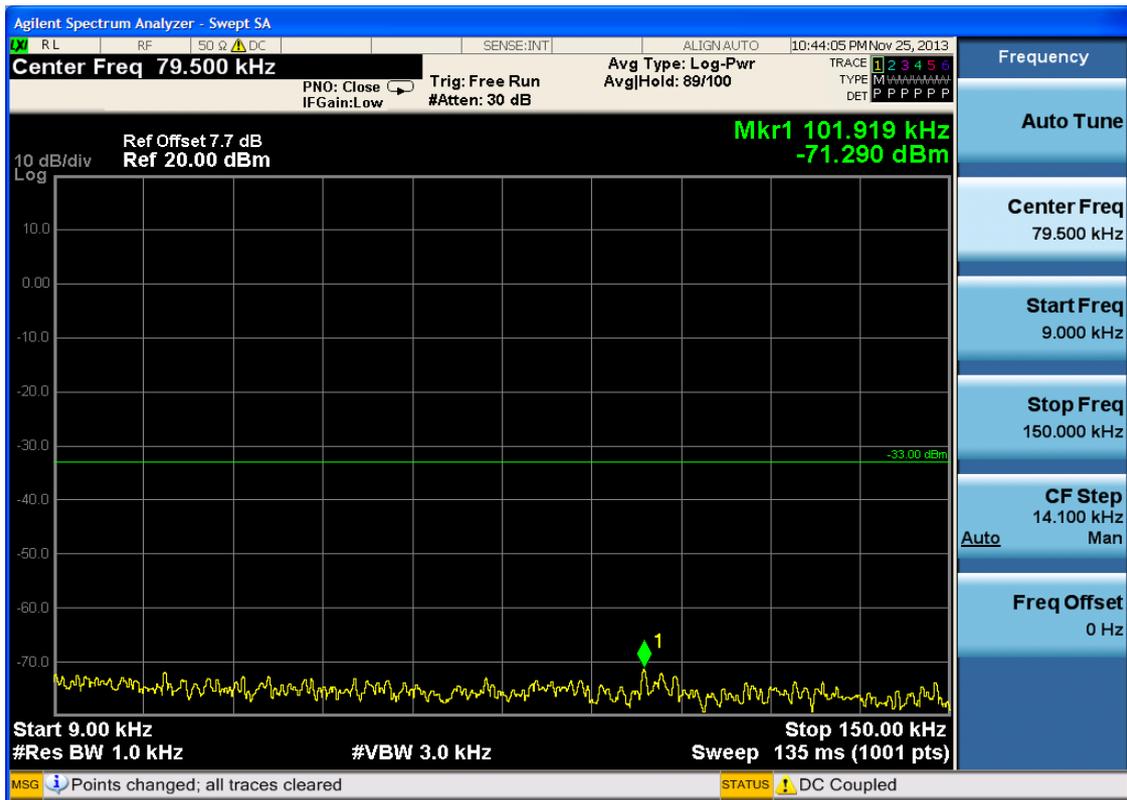


6.3.7.2 Test Mode = LTE/TM2

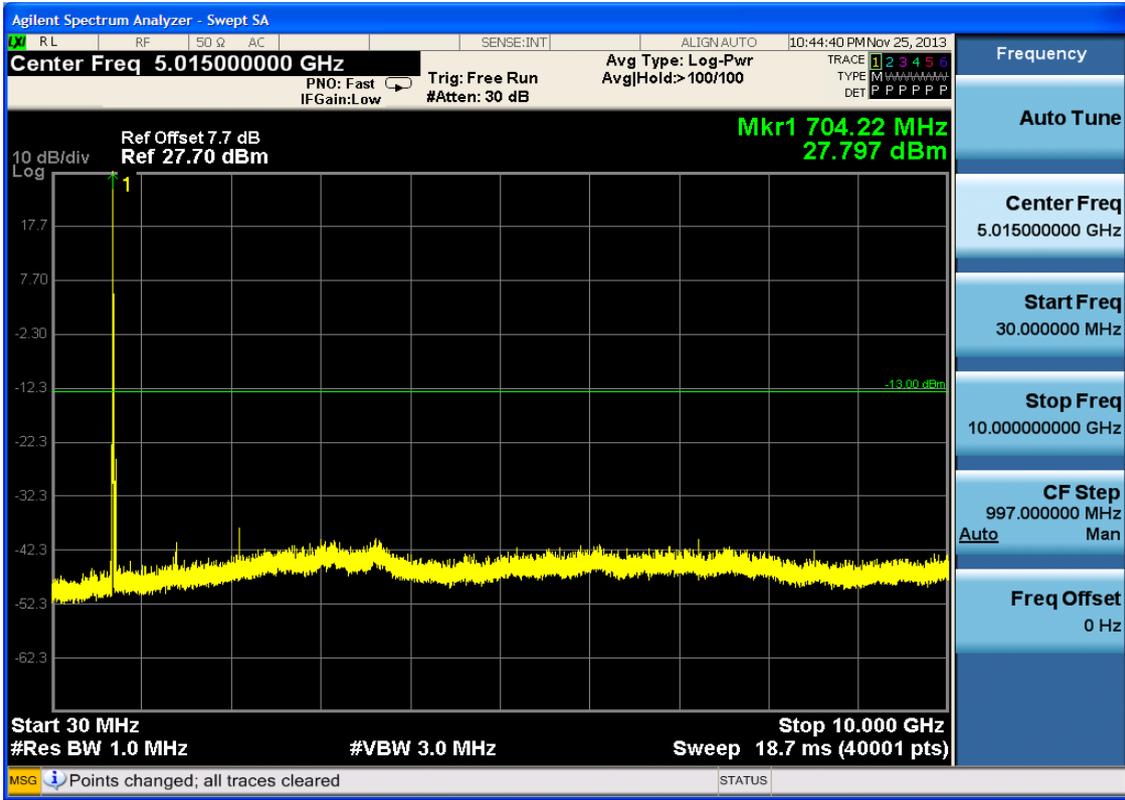
6.3.7.2.1 Test Bandwidth = 5

6.3.7.2.1.1 Test Channel = LCH

6.3.7.2.1.1.1 Test RB = RB1#0







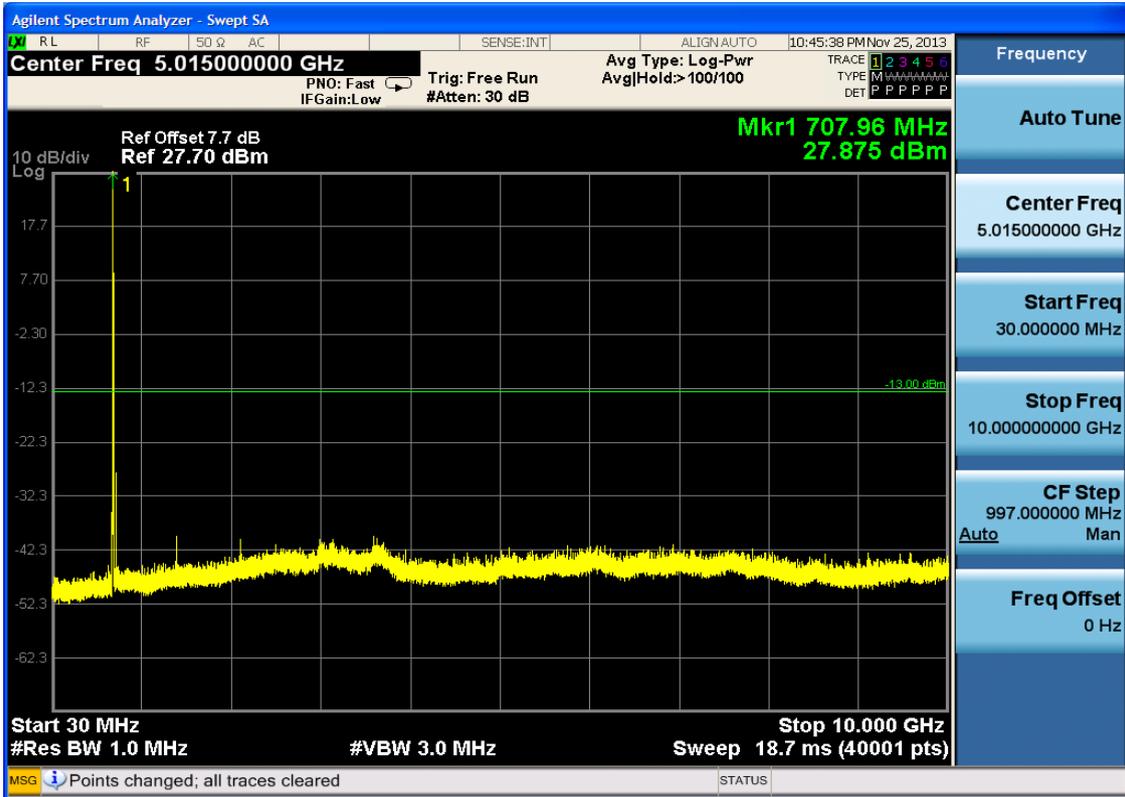


6.3.7.2.1.2 Test Channel = MCH

6.3.7.2.1.2.1 Test RB = RB1#0





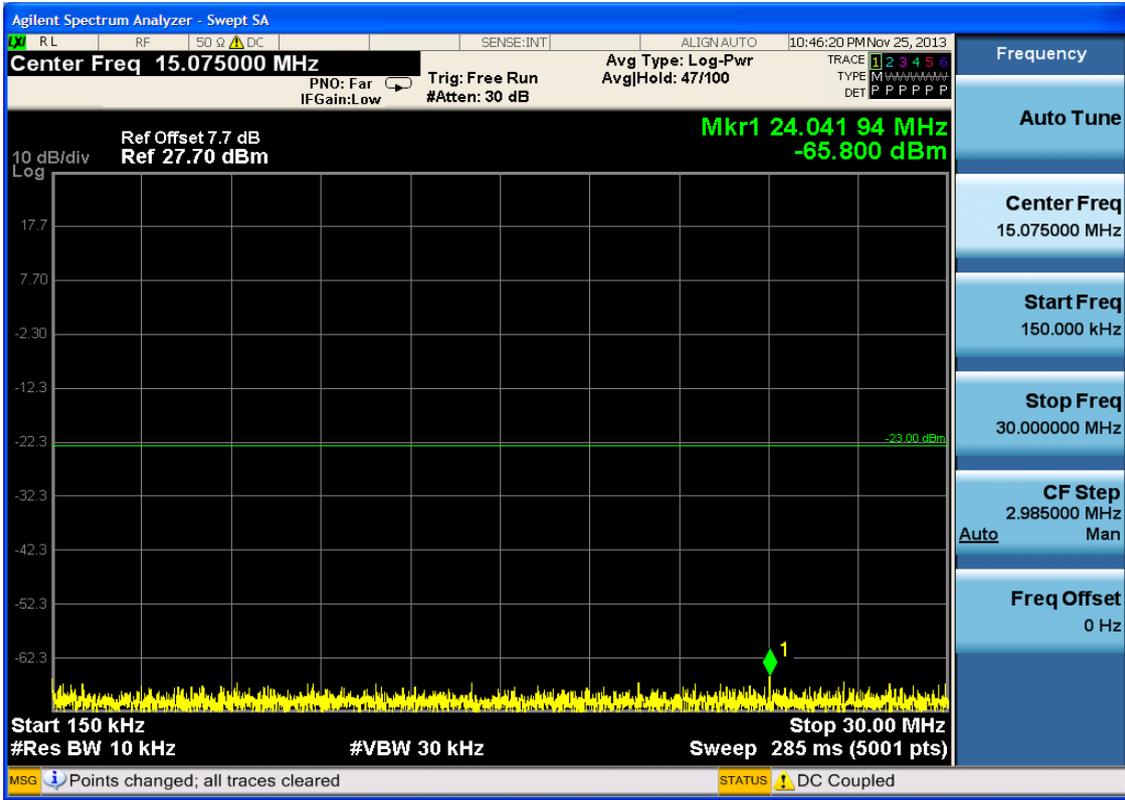


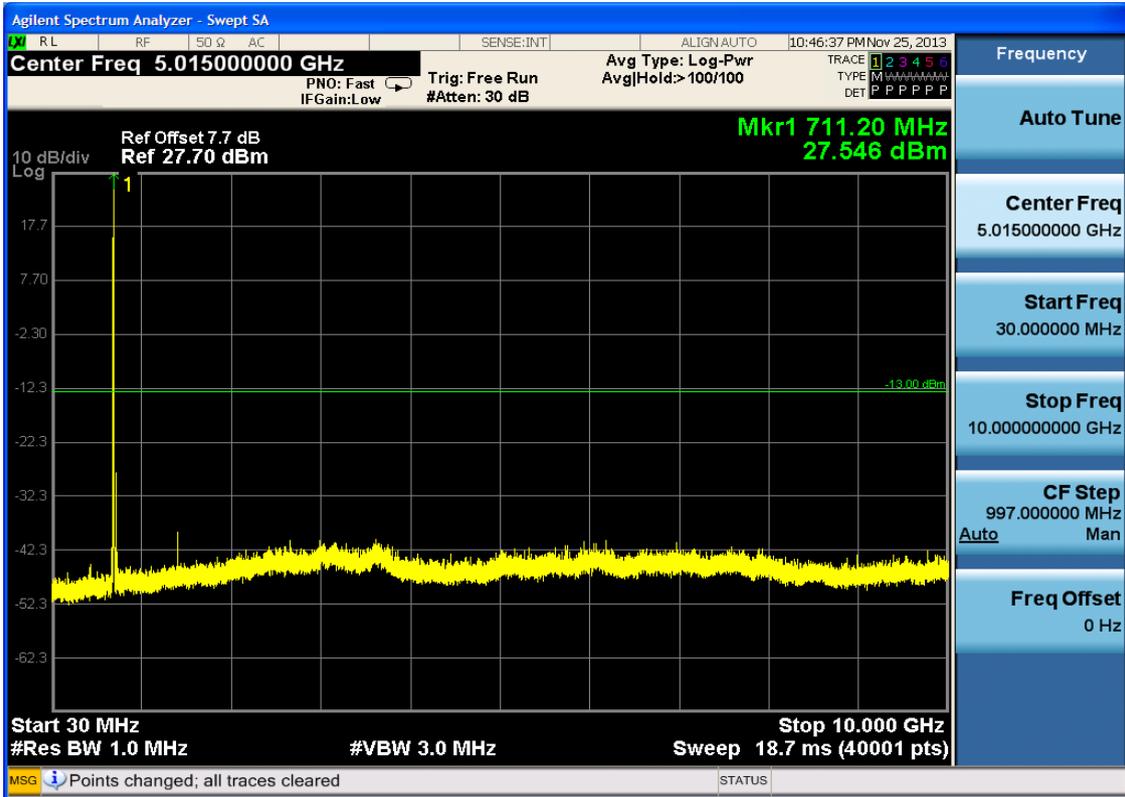


6.3.7.2.1.3 Test Channel = HCH

6.3.7.2.1.3.1 Test RB = RB1#0



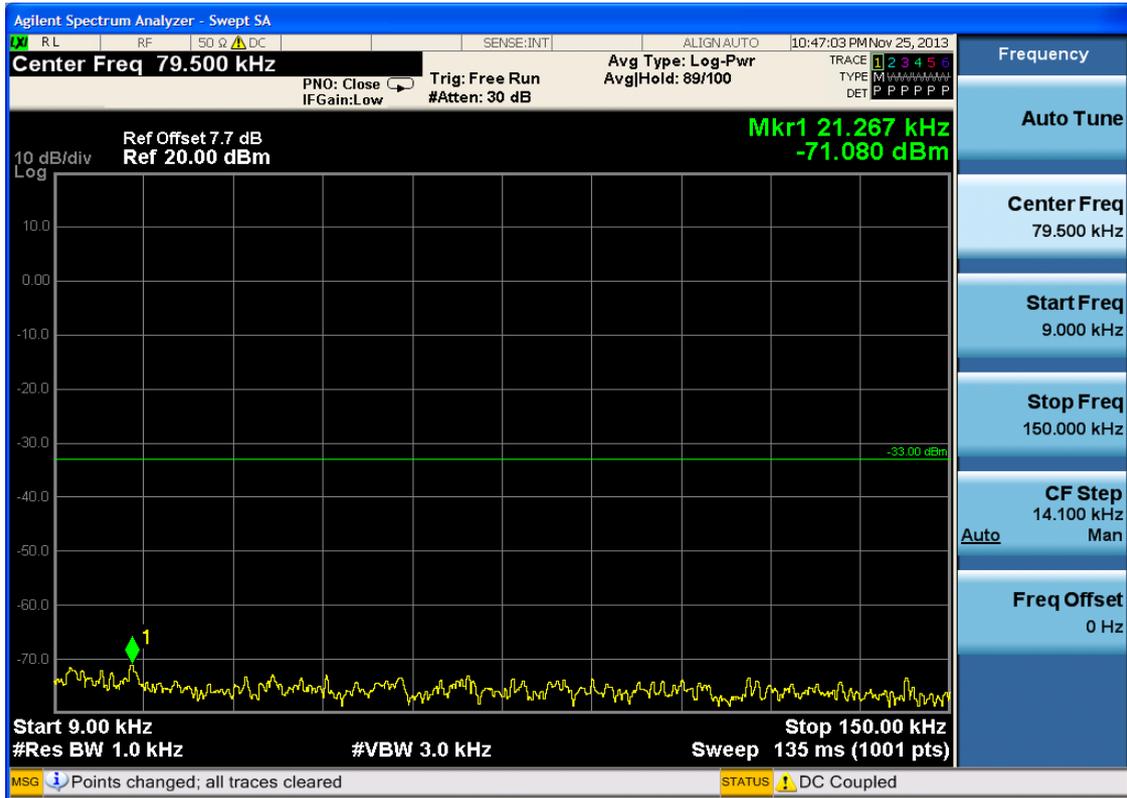




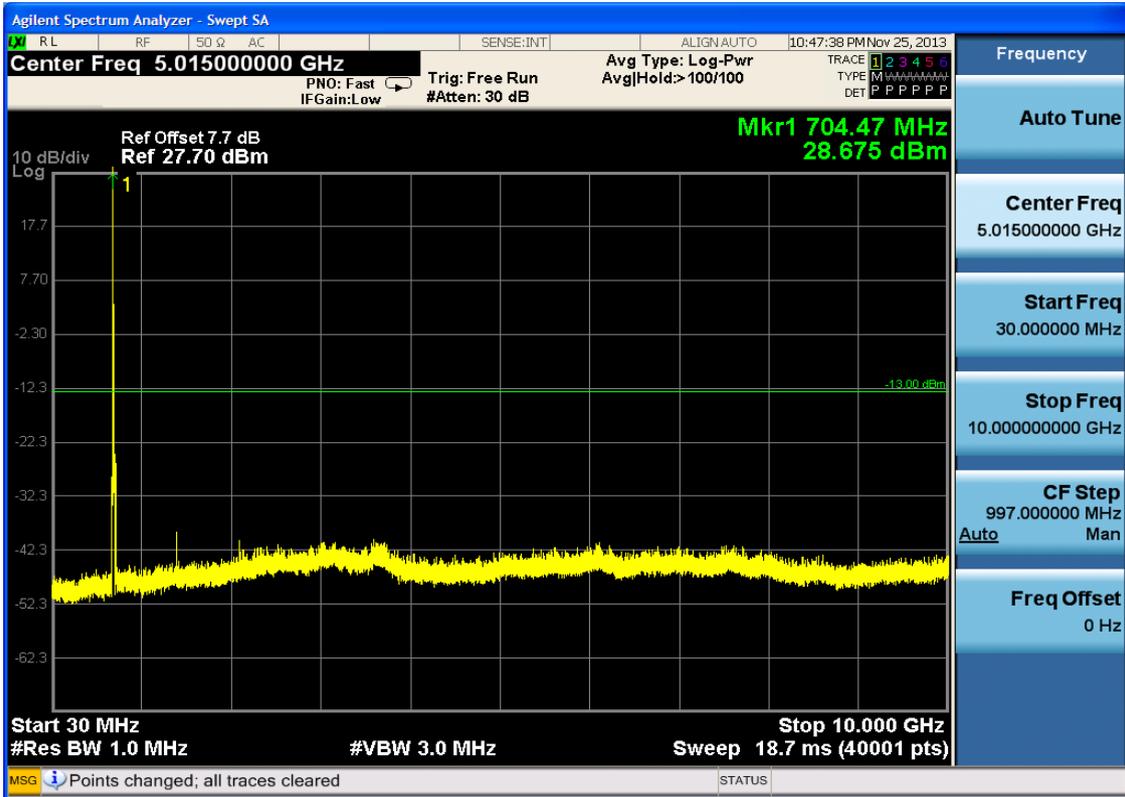
6.3.7.2.2 Test Bandwidth = 10

6.3.7.2.2.1 Test Channel = LCH

6.3.7.2.2.1.1 Test RB = RB1#0







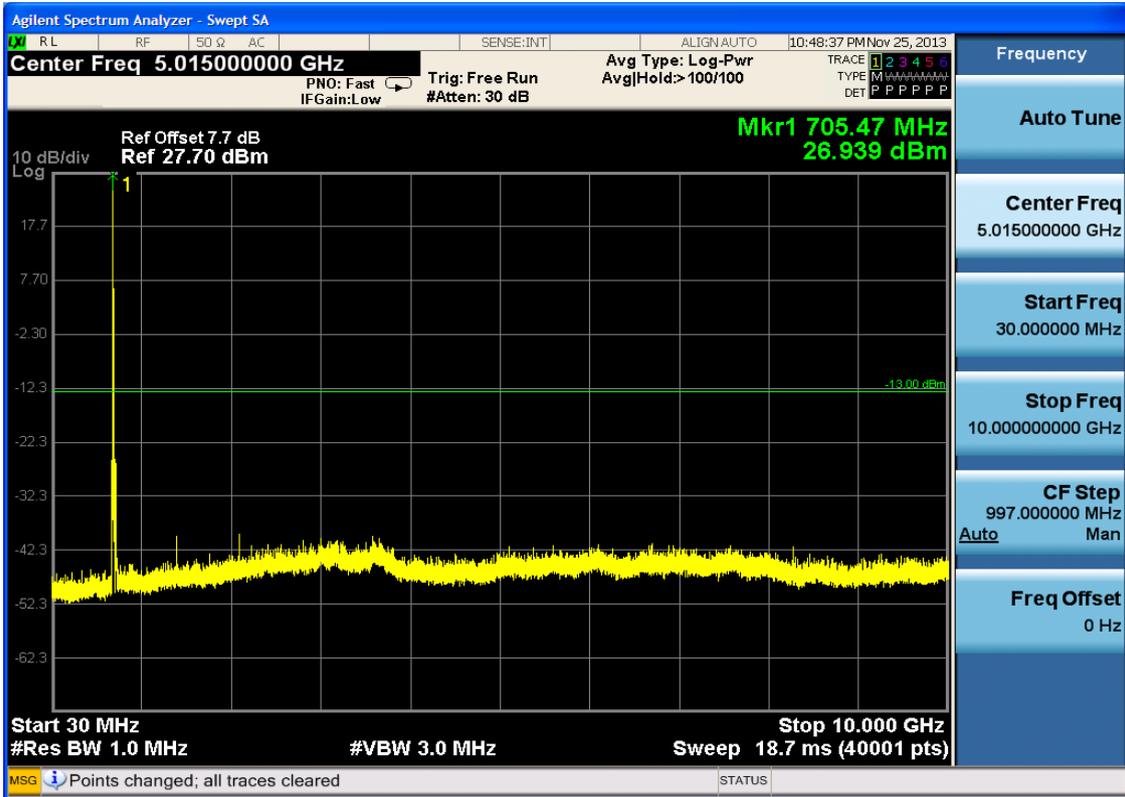


6.3.7.2.2.2 Test Channel = MCH

6.3.7.2.2.2.1 Test RB = RB1#0



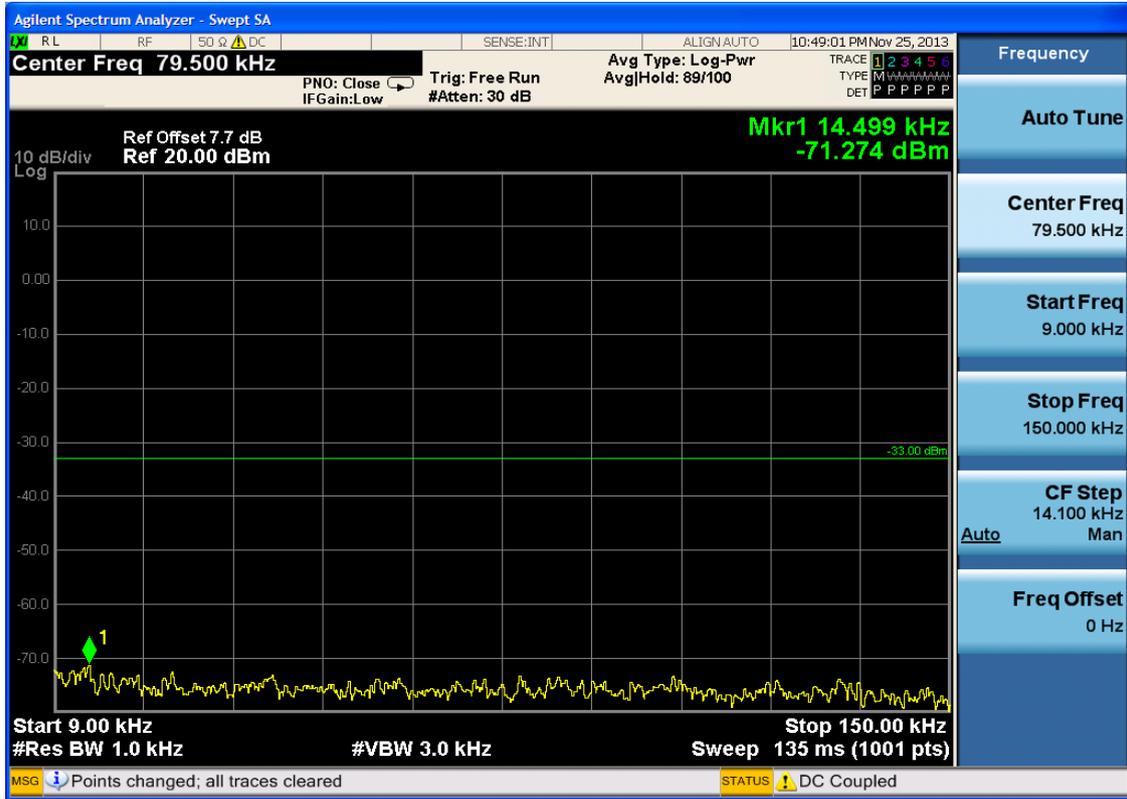


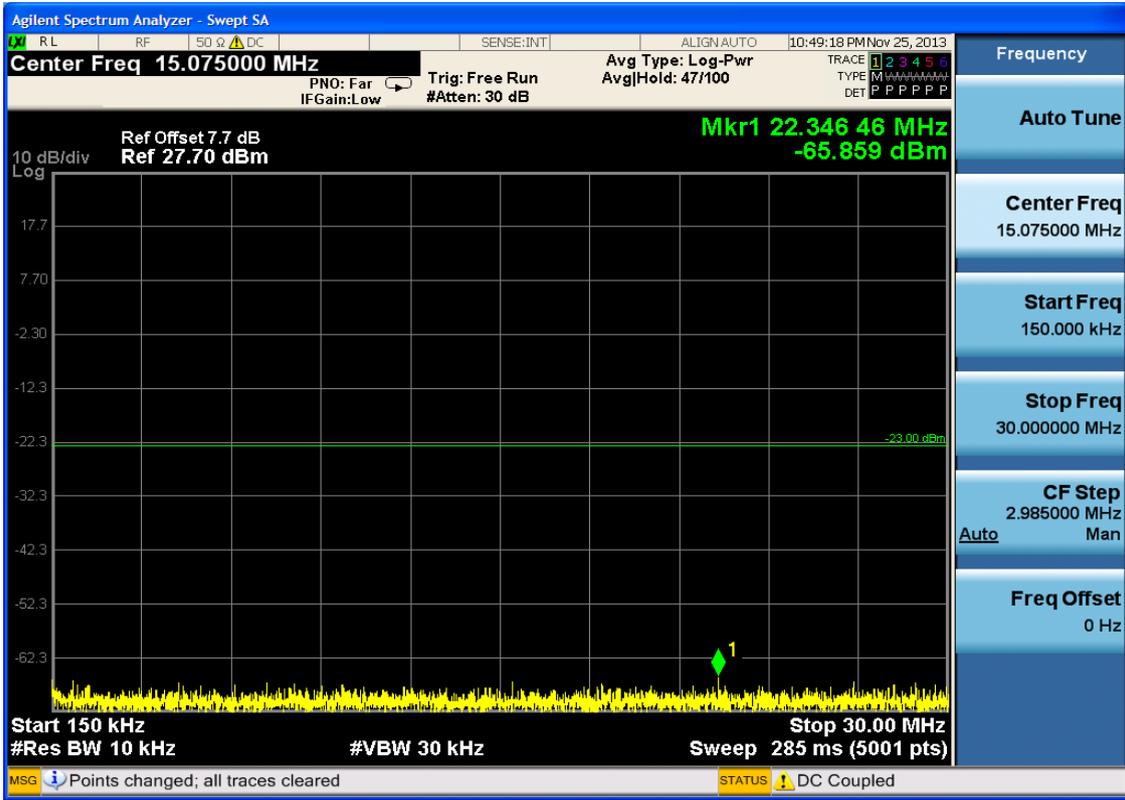


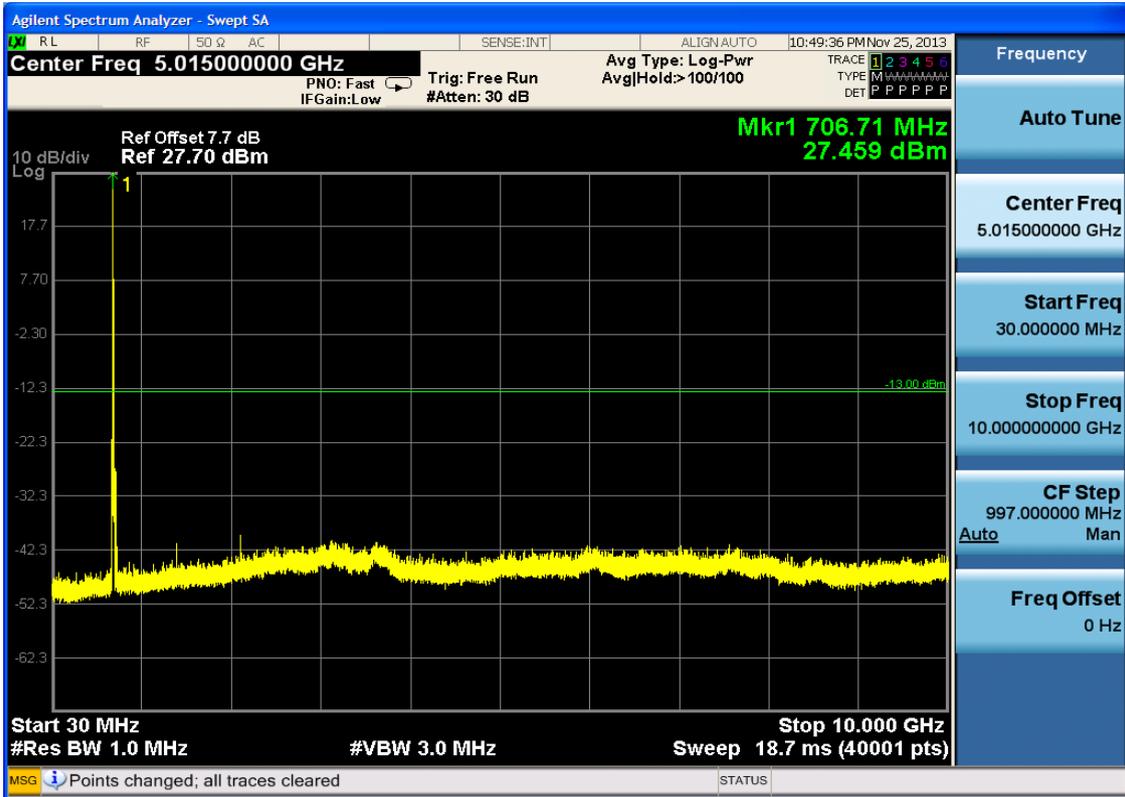


6.3.7.2.2.3 Test Channel = HCH

6.3.7.2.2.3.1 Test RB = RB1#0







7Appendix_G: Field Strength of Spurious Radiation

Note:

9kHz~150kHz, VBW = 200Hz, VBW = 600 Hz, Detector: PK

150kHz~30MHz, VBW = 9kHz, VBW = 30k Hz, Detector: PK

30MHz~1GHz, RBW = 100 kHz, VBW = 300 kHz. Detector: PK

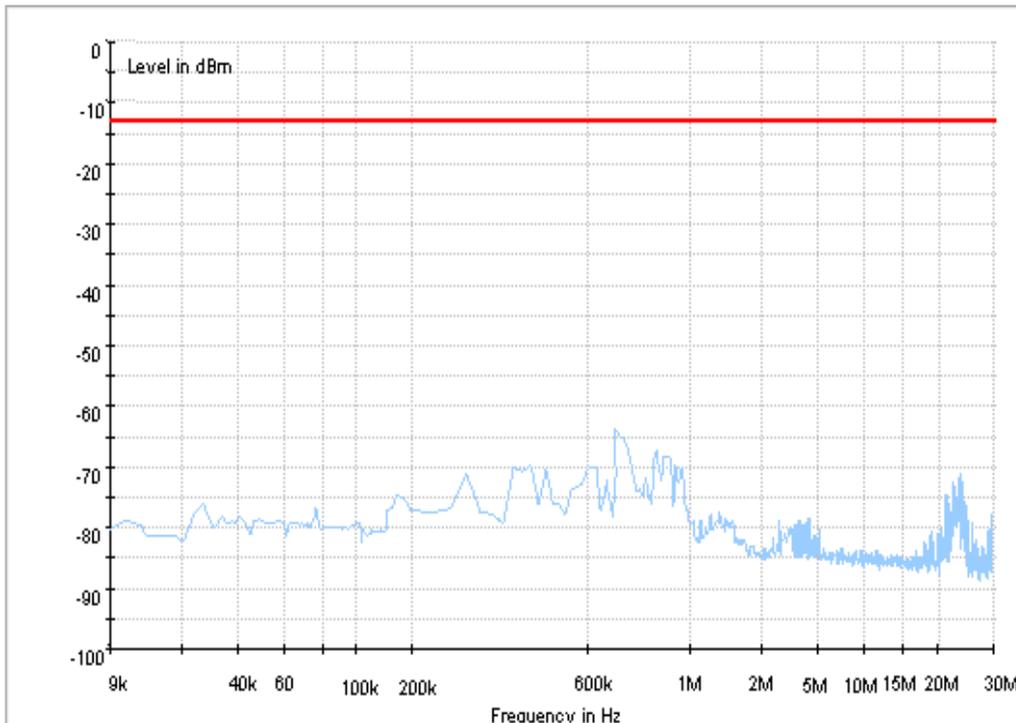
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

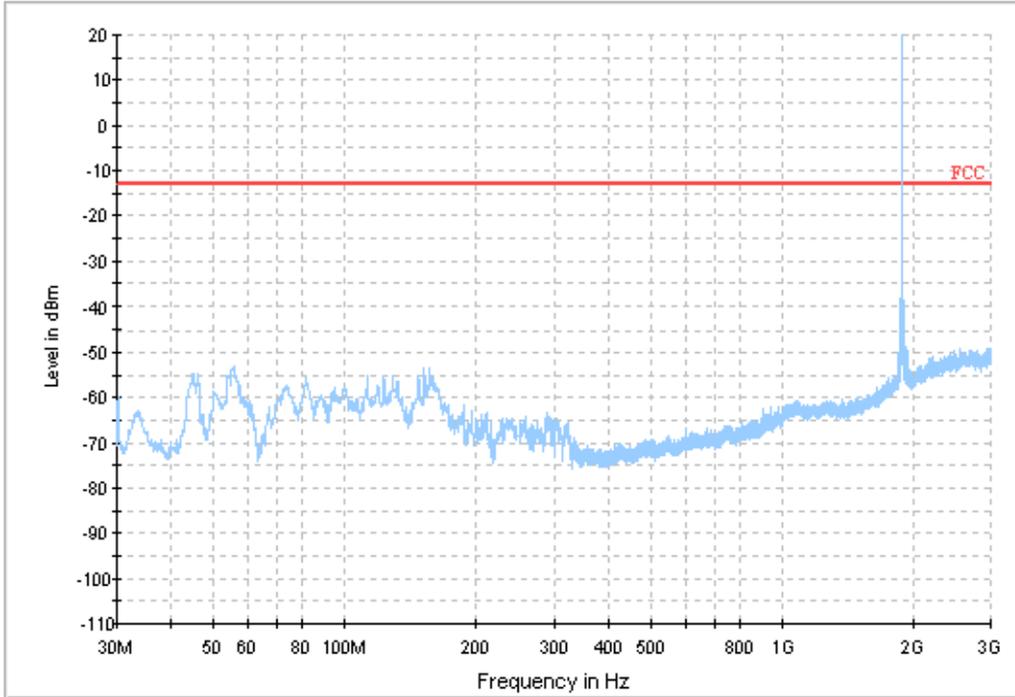
7.3 For LTE

7.3.1 Test Band = BAND2

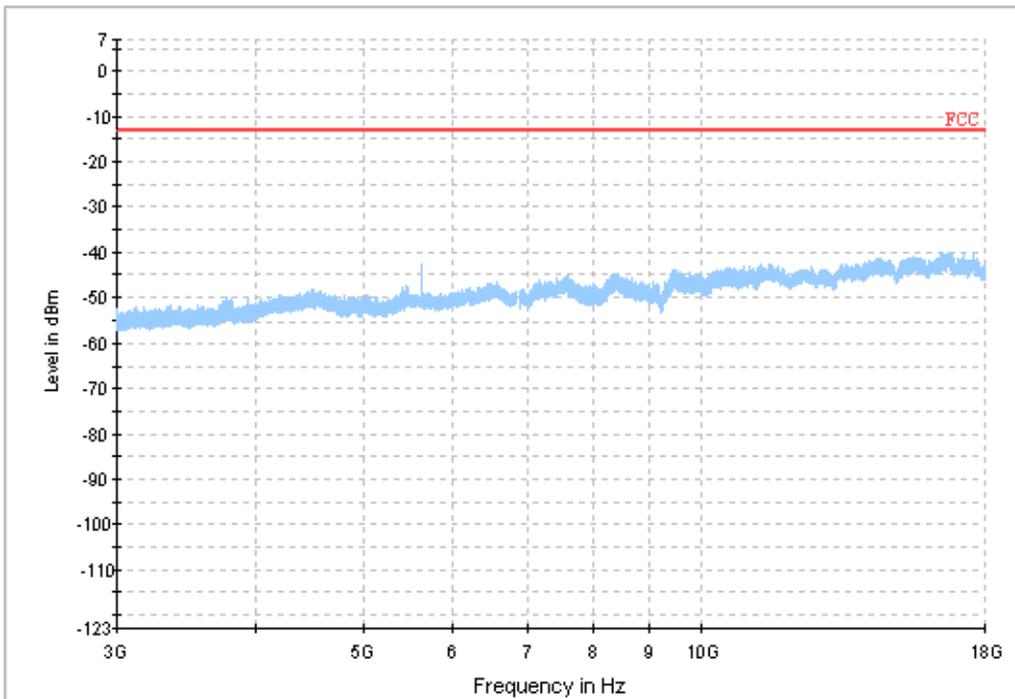
7.3.1.1 Test Bandwidth = 1.4

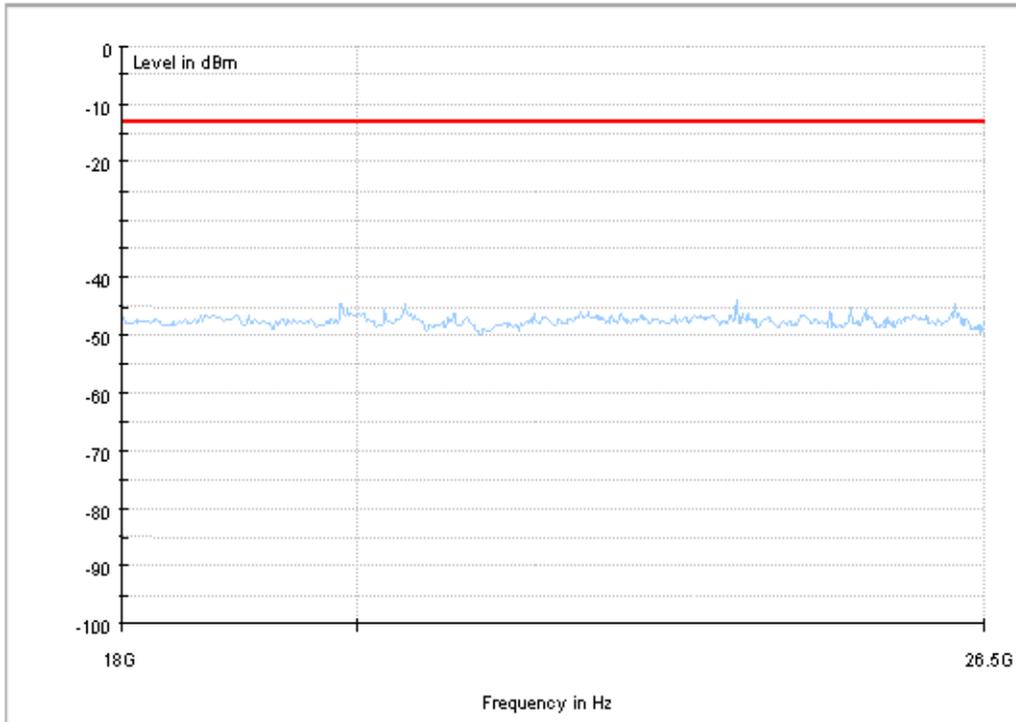


Copy of FCC PART24 LTE Band 2_L

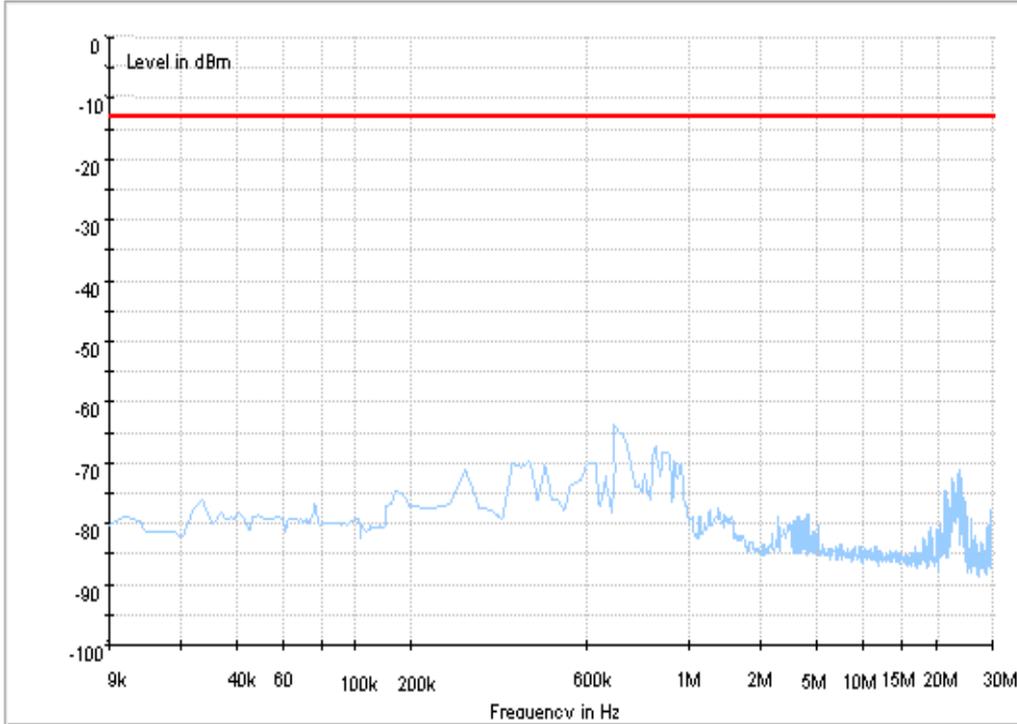


Copy of FCC PART24 LTE Band 2_H

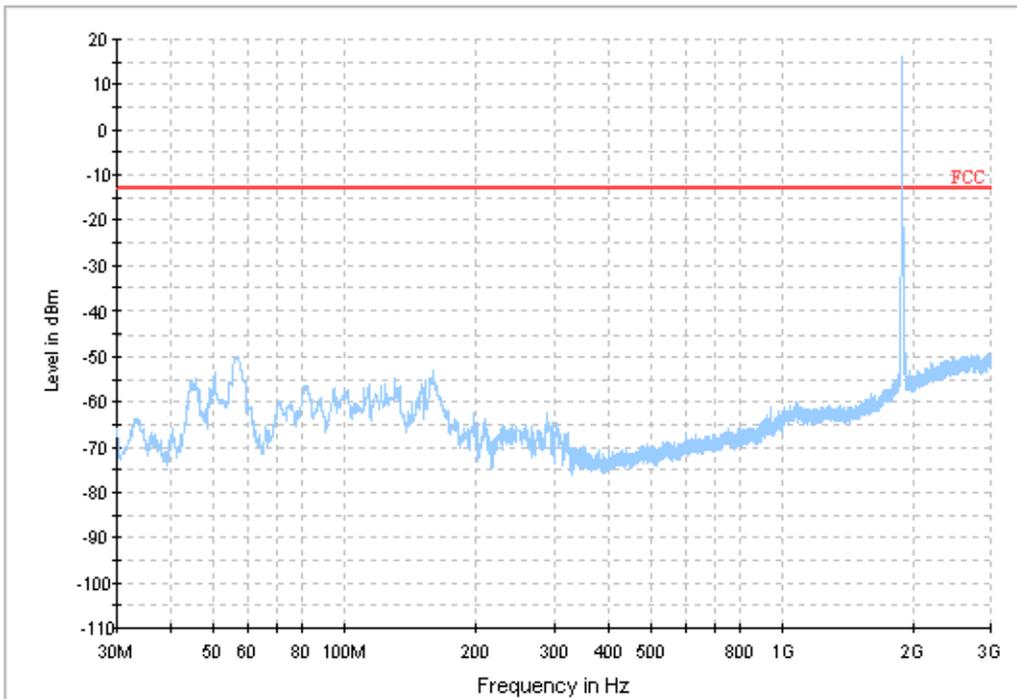




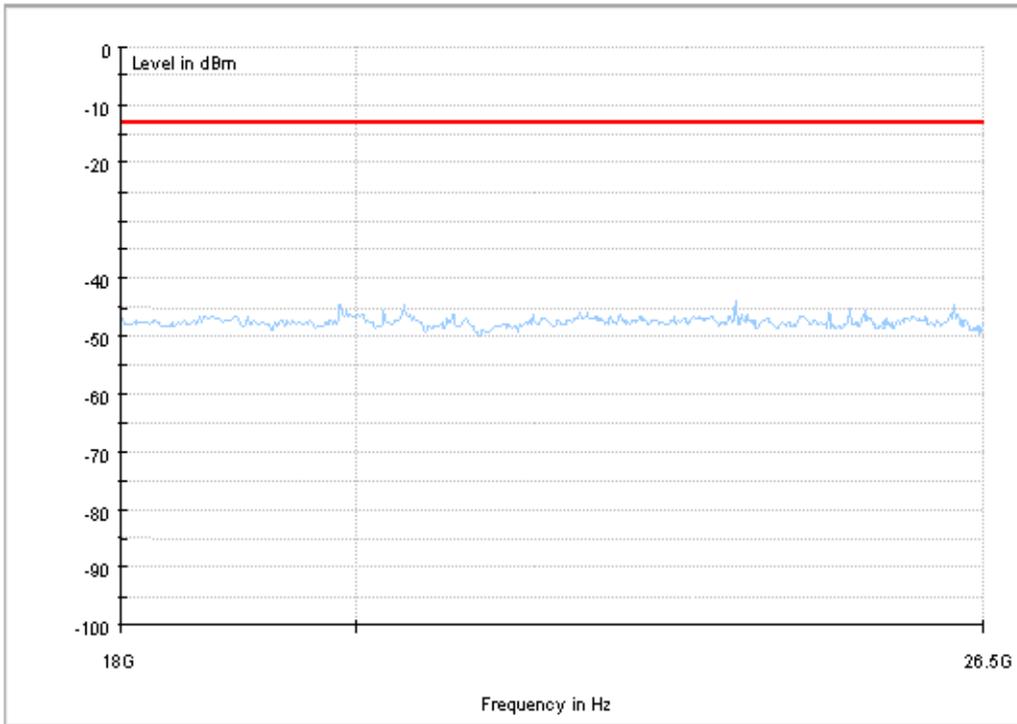
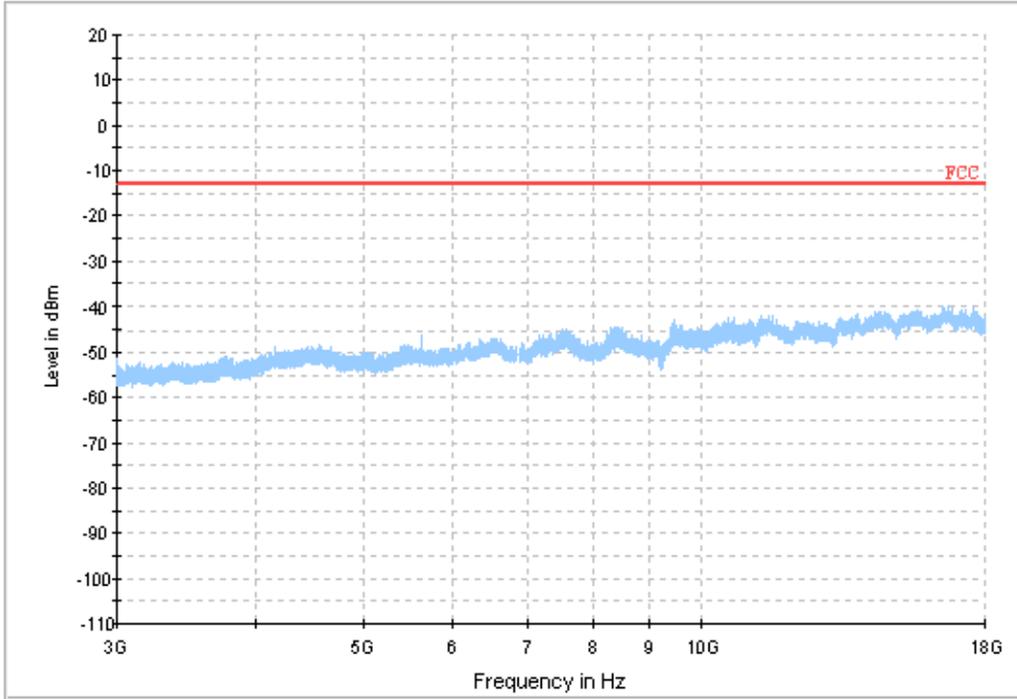
7.3.1.2 Test Bandwidth = 5



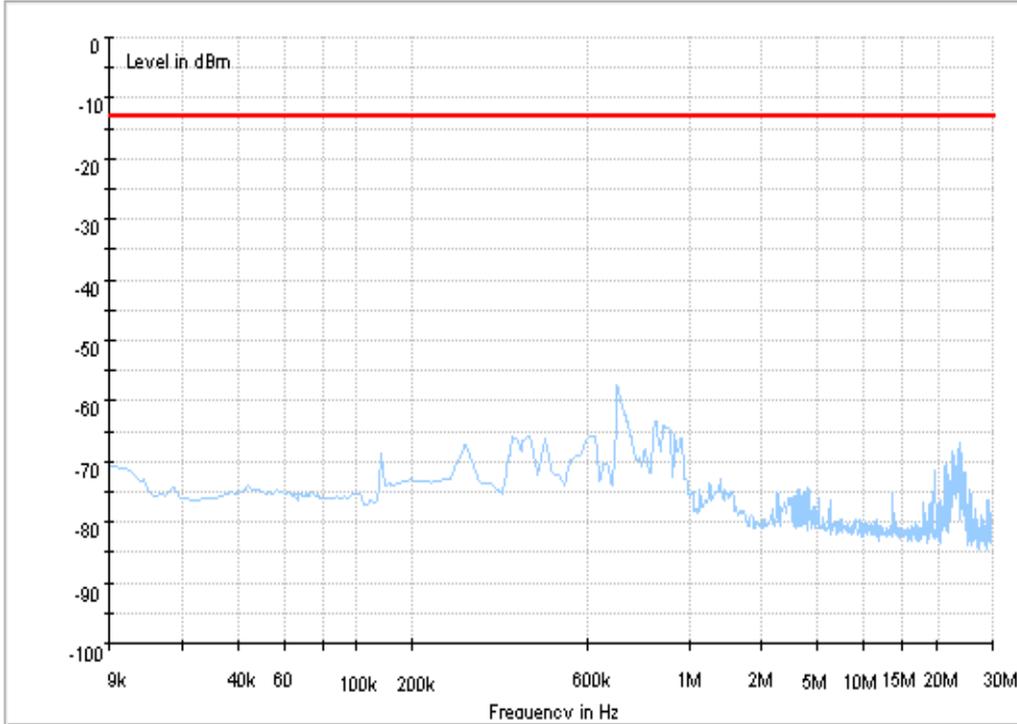
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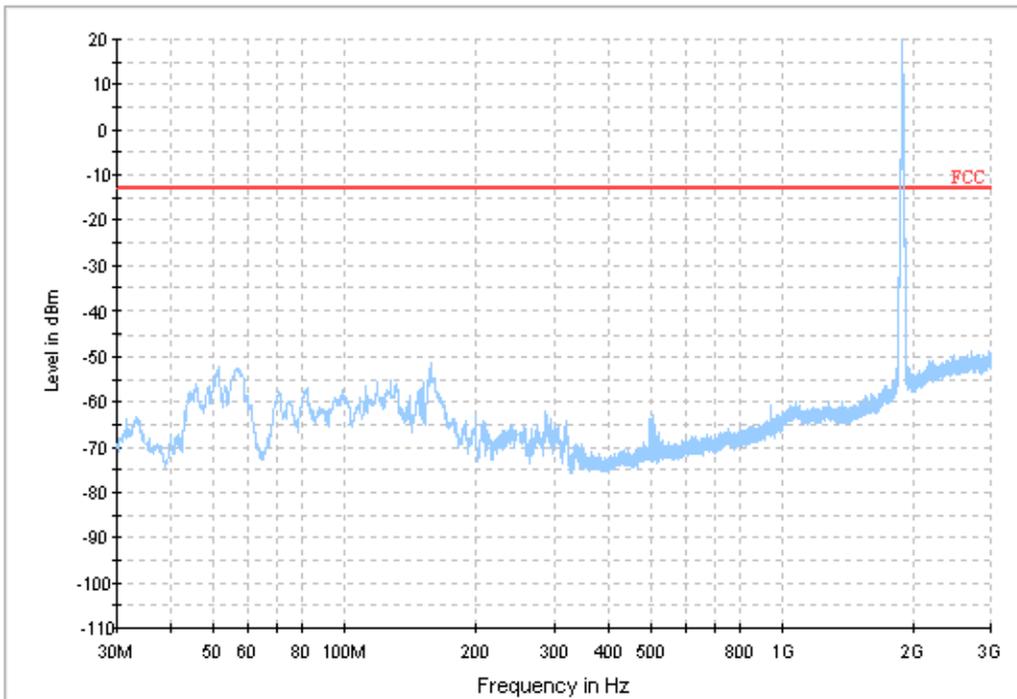
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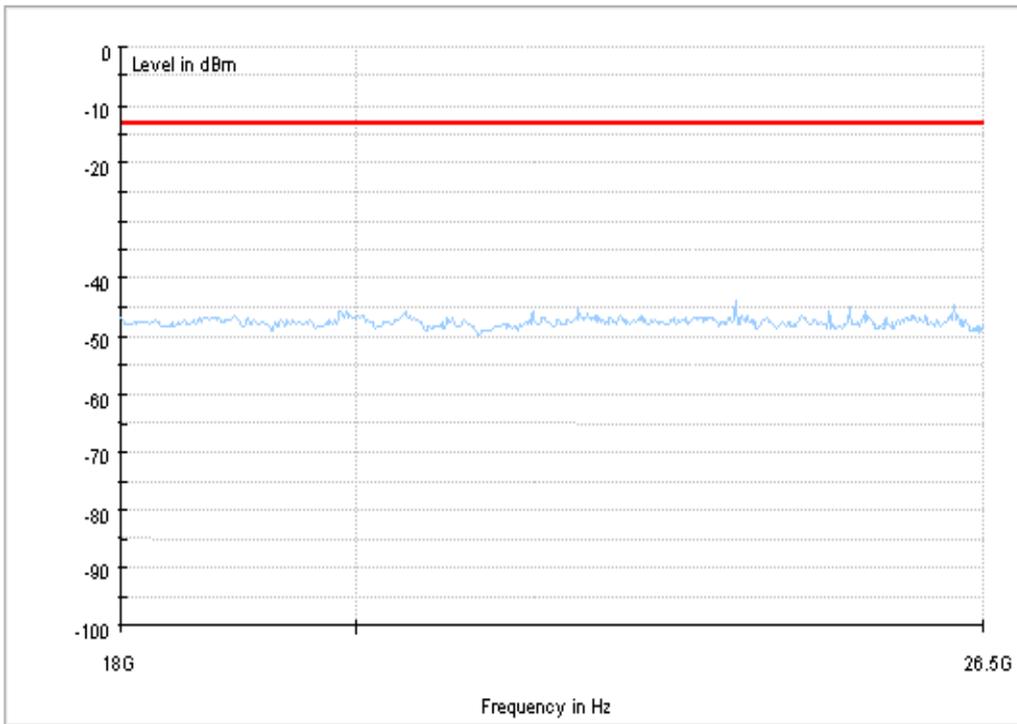
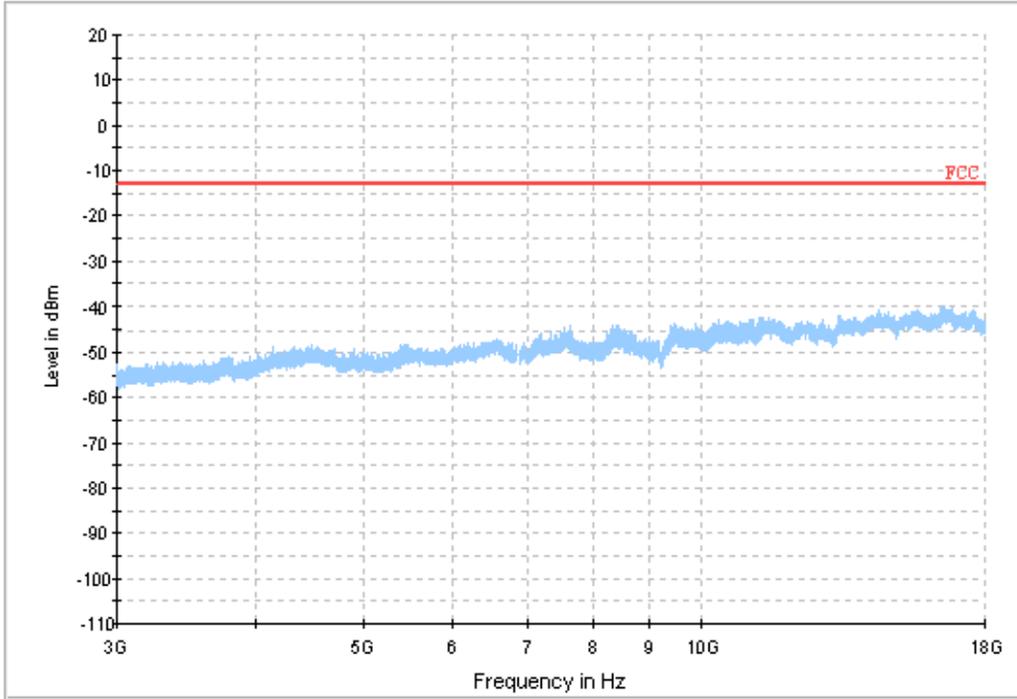
7.3.1.3 Test Bandwidth = 20



Copy of FCC PART24 LTE Band 2_L

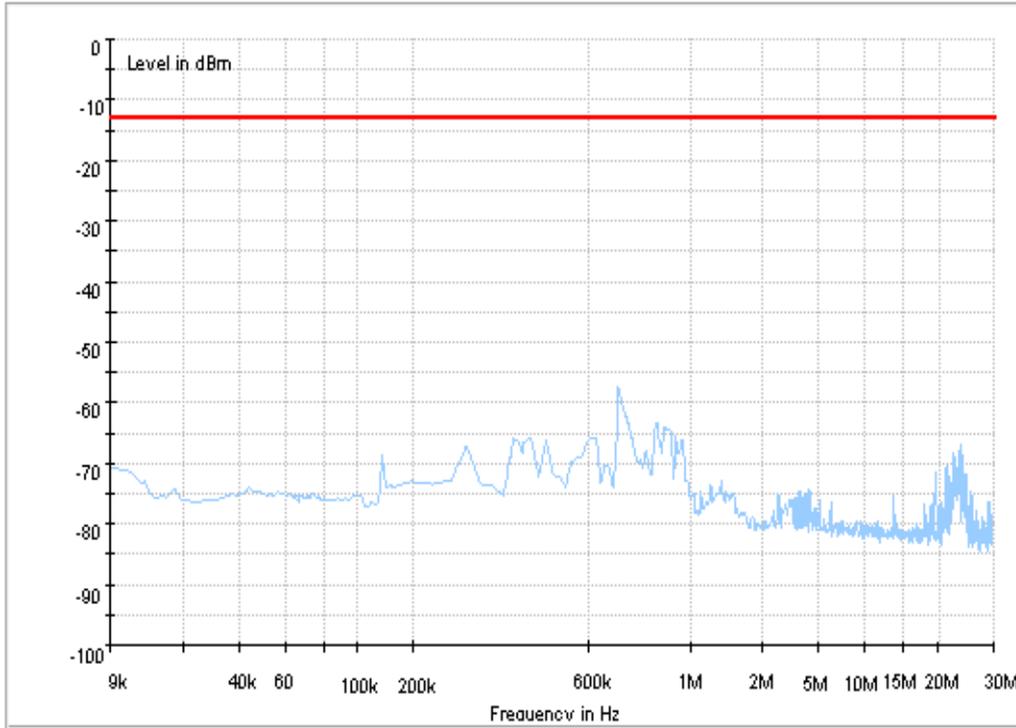


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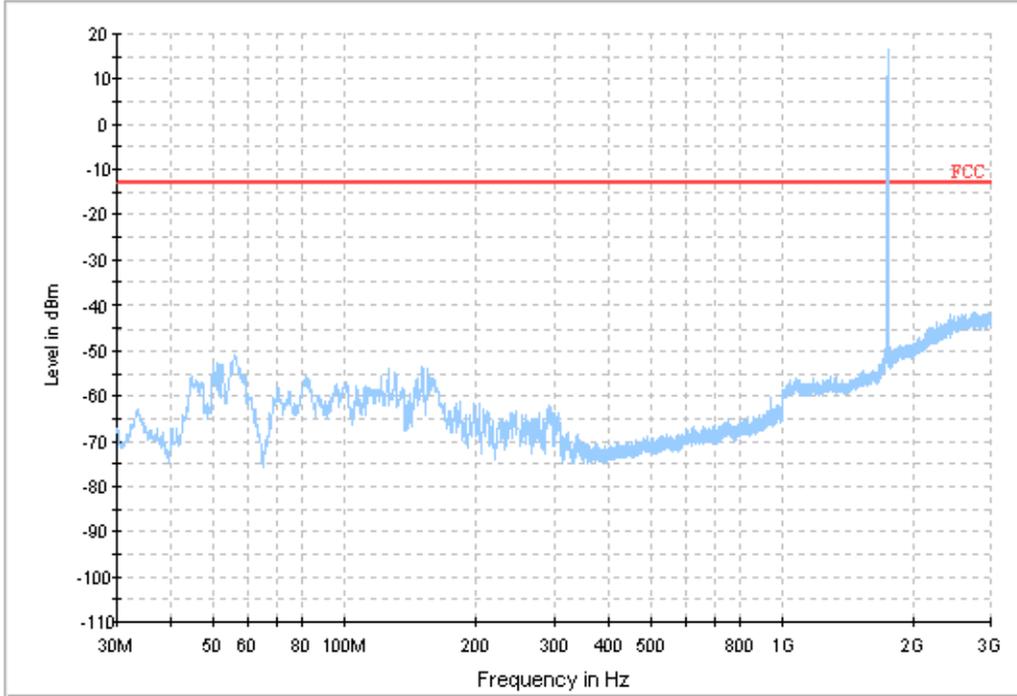


7.3.2 Test Band = BAND4

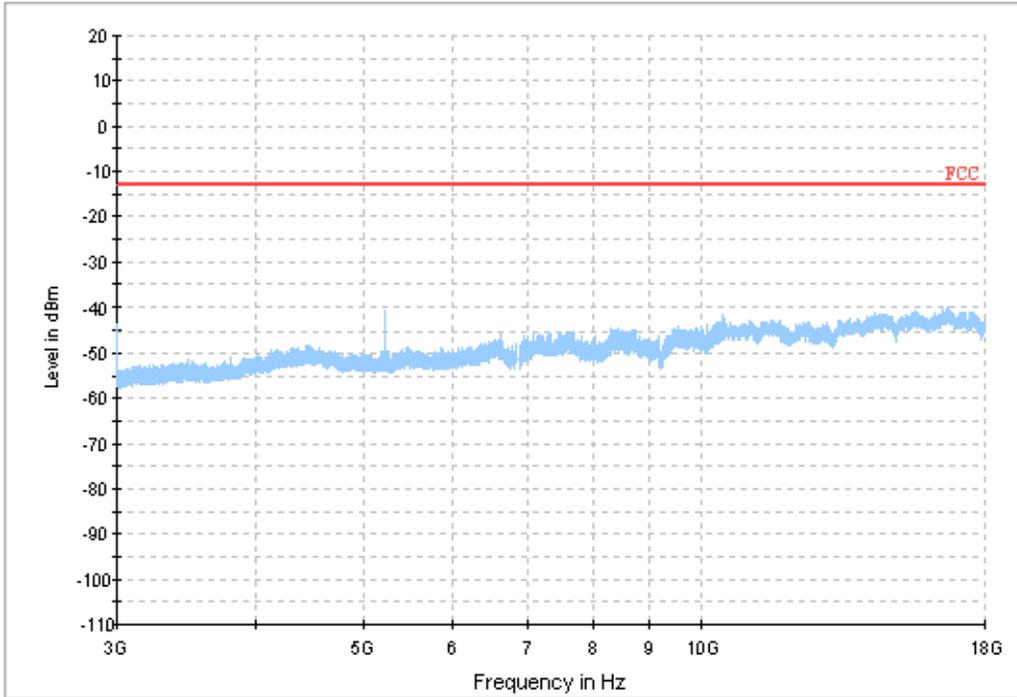
7.3.2.1 Test Bandwidth = 1.4



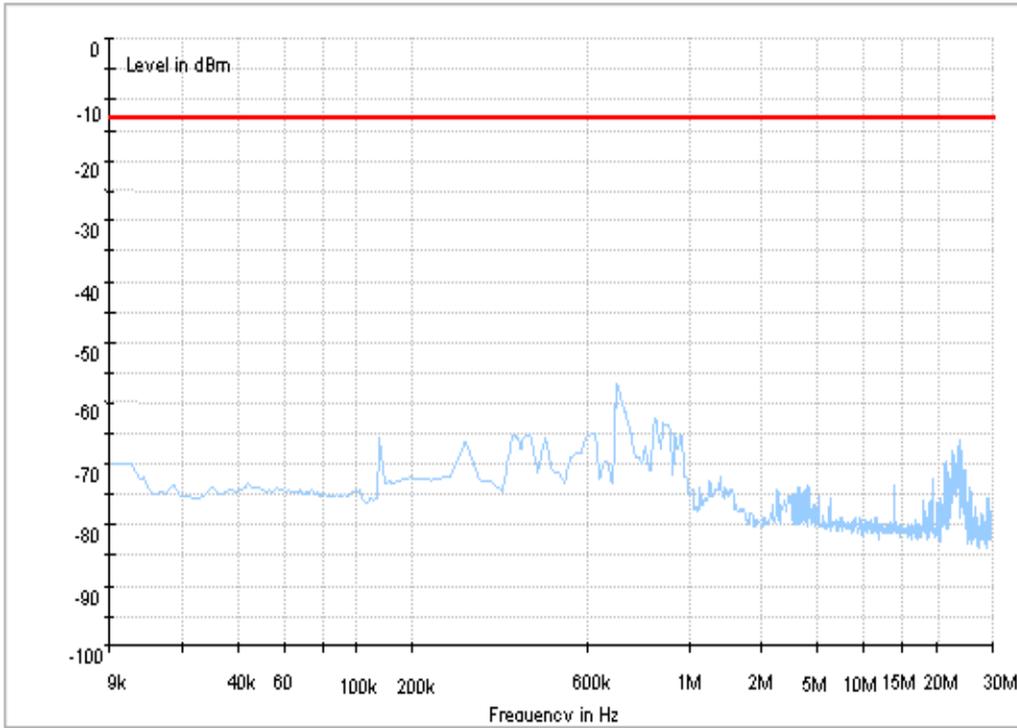
Copy of FCC PART27 LTE Band 4_L



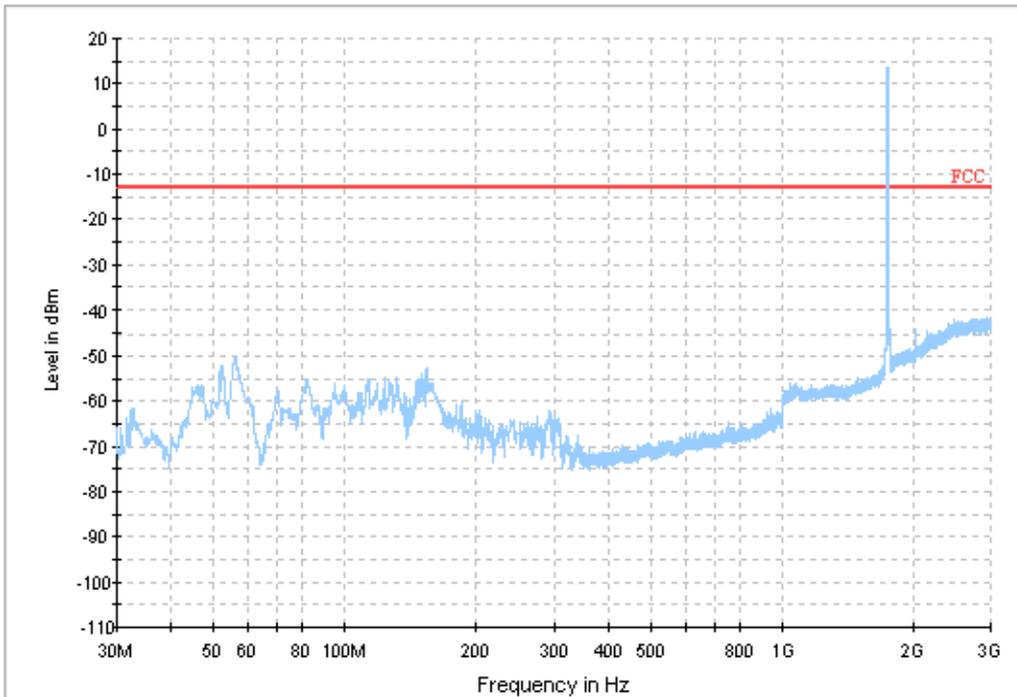
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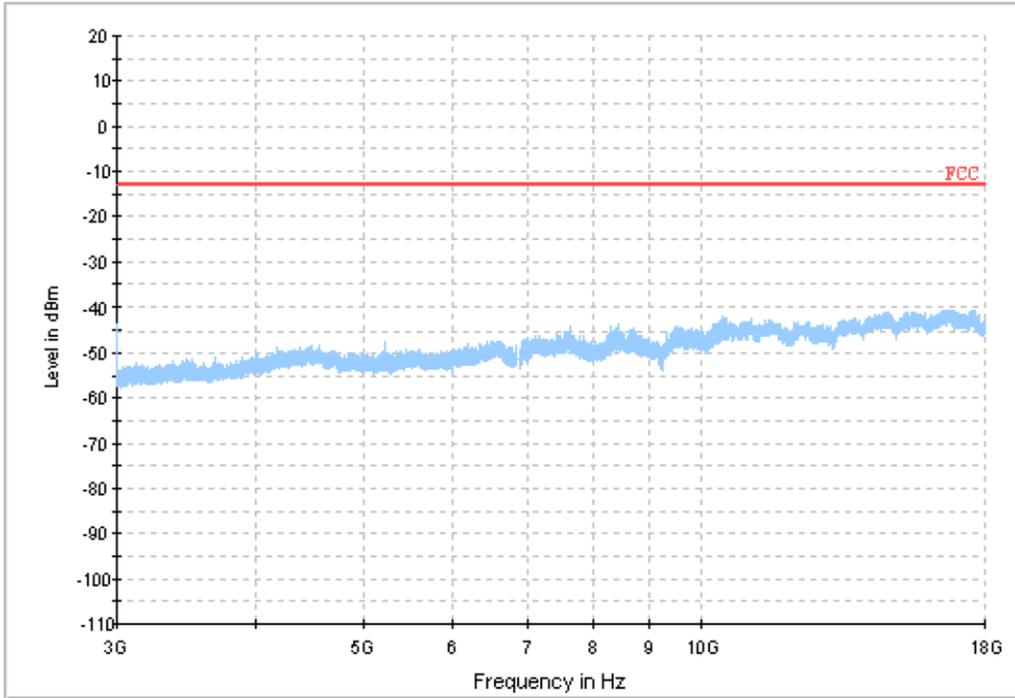
7.3.2.2 Test Bandwidth = 5



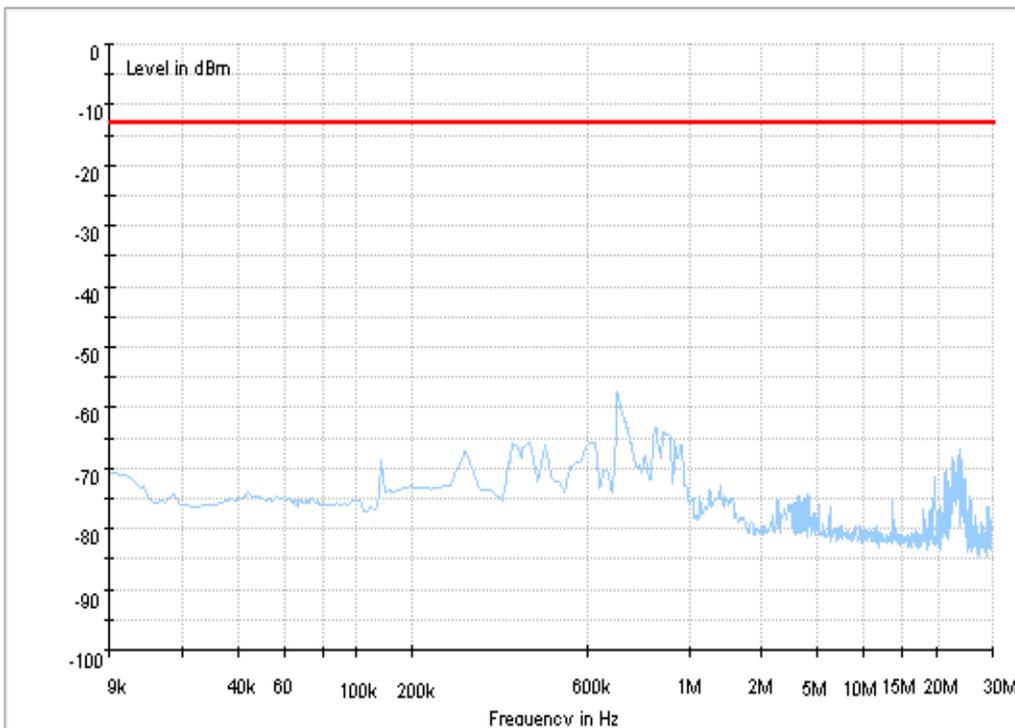
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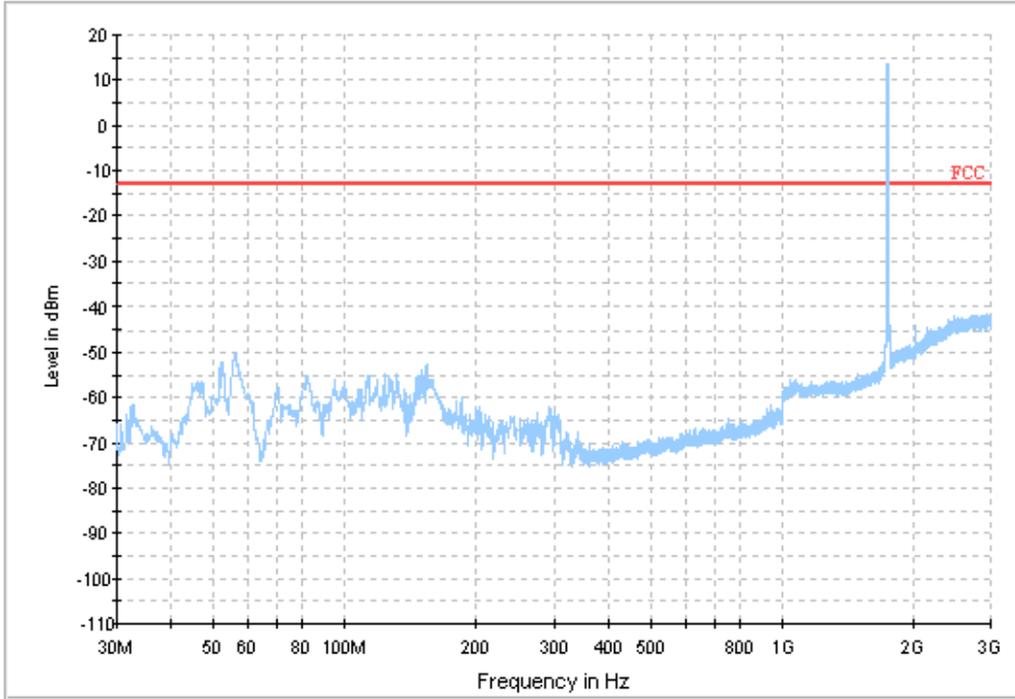
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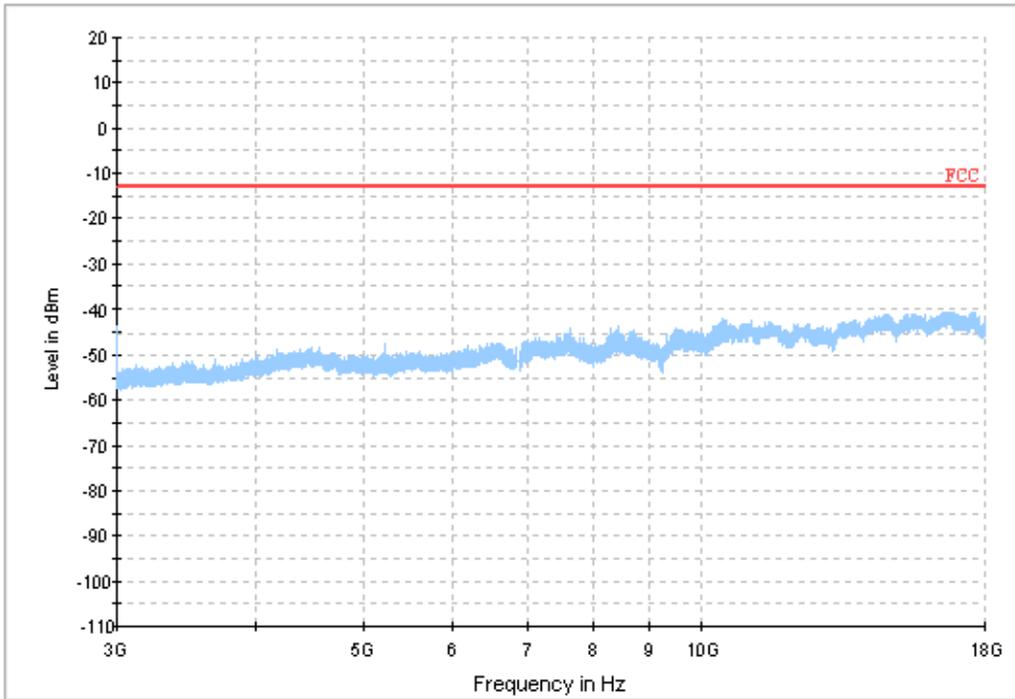
7.3.2.3 Test Bandwidth = 20



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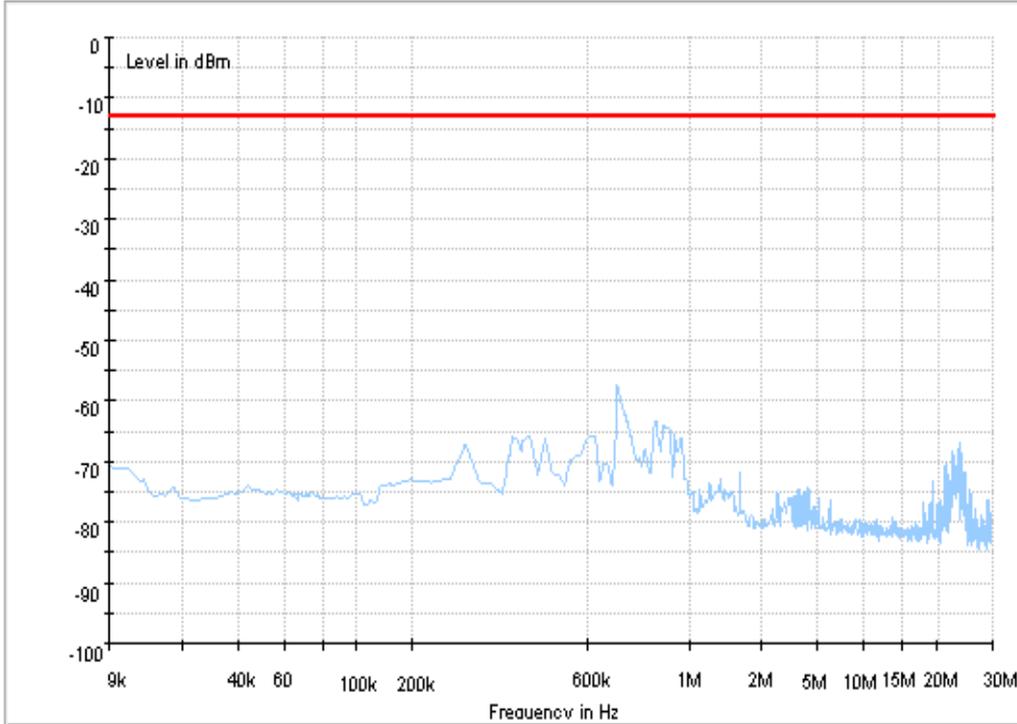


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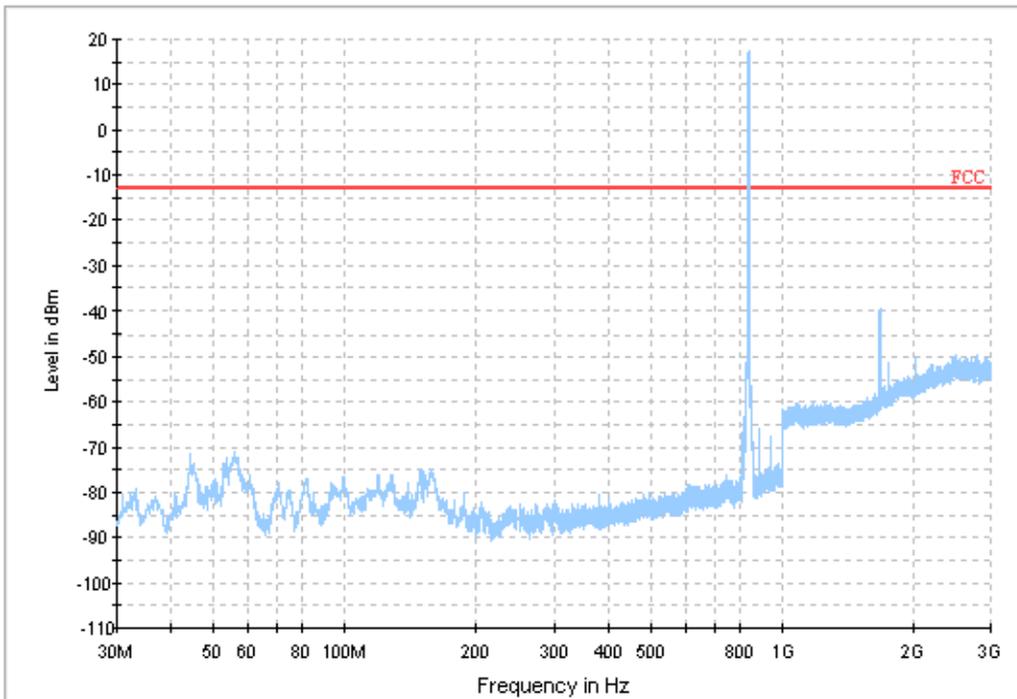


7.3.3 Test Band = BAND5

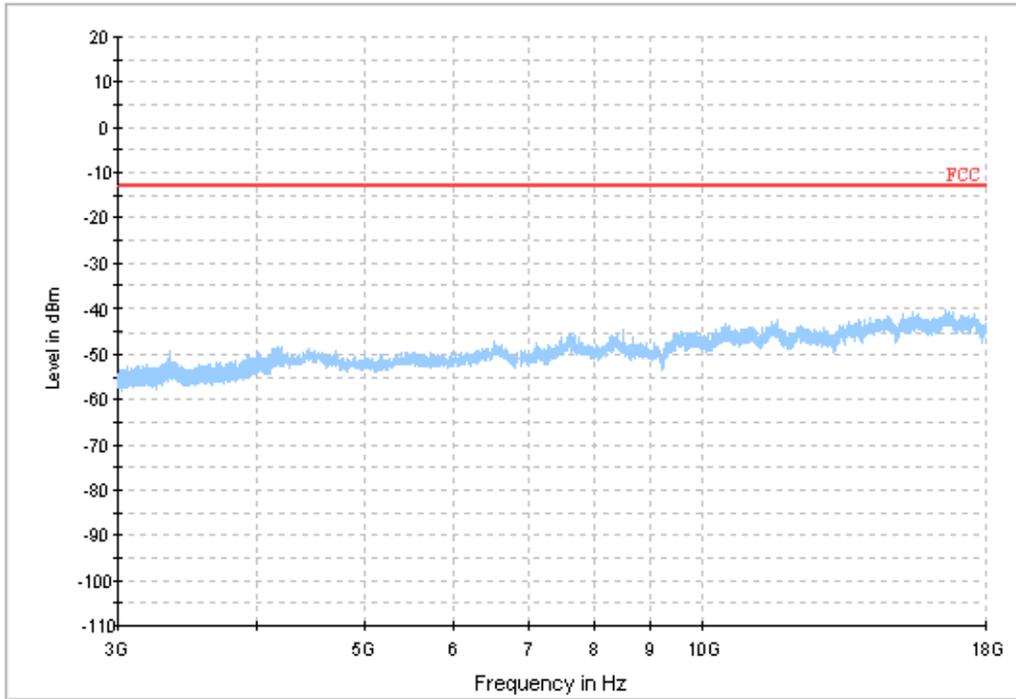
7.3.3.1 Test Bandwidth = 1.4



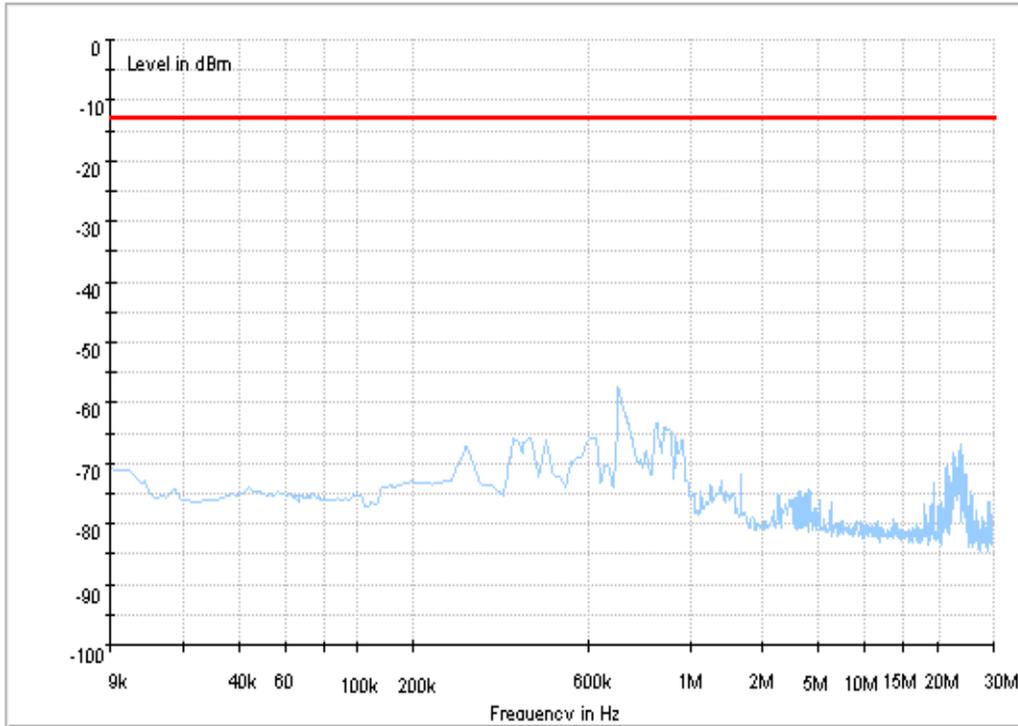
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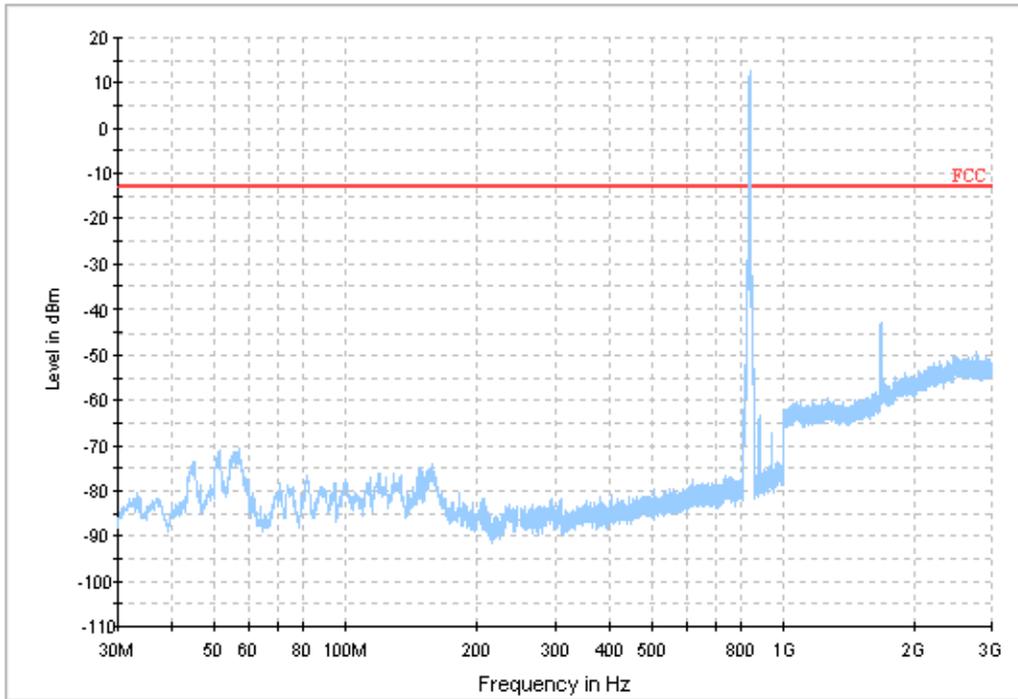
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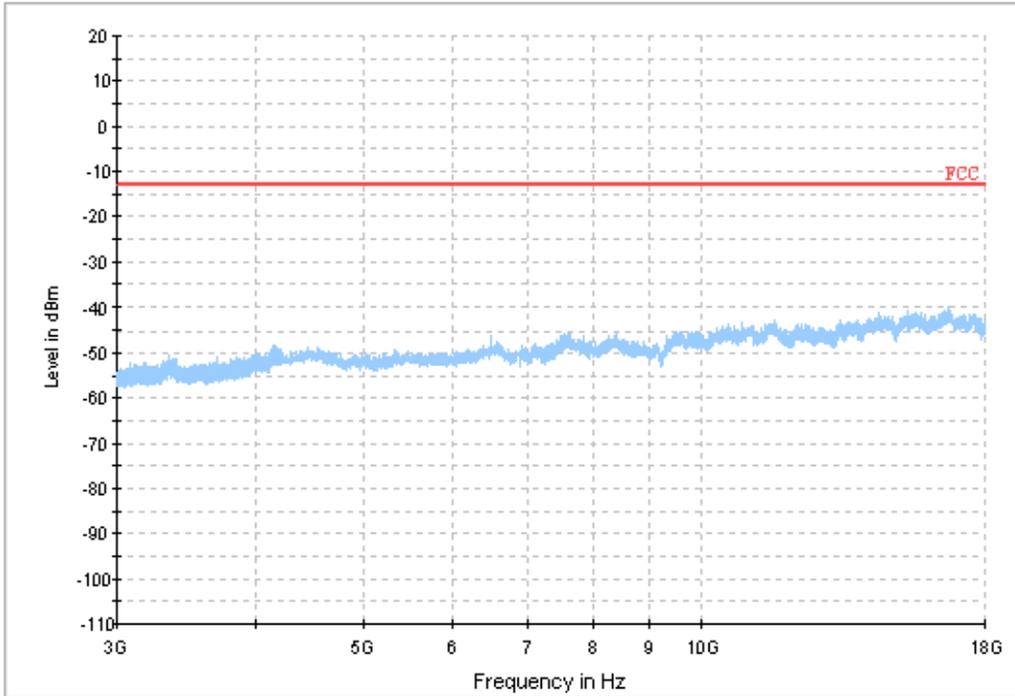
7.3.3.2 Test Bandwidth = 5



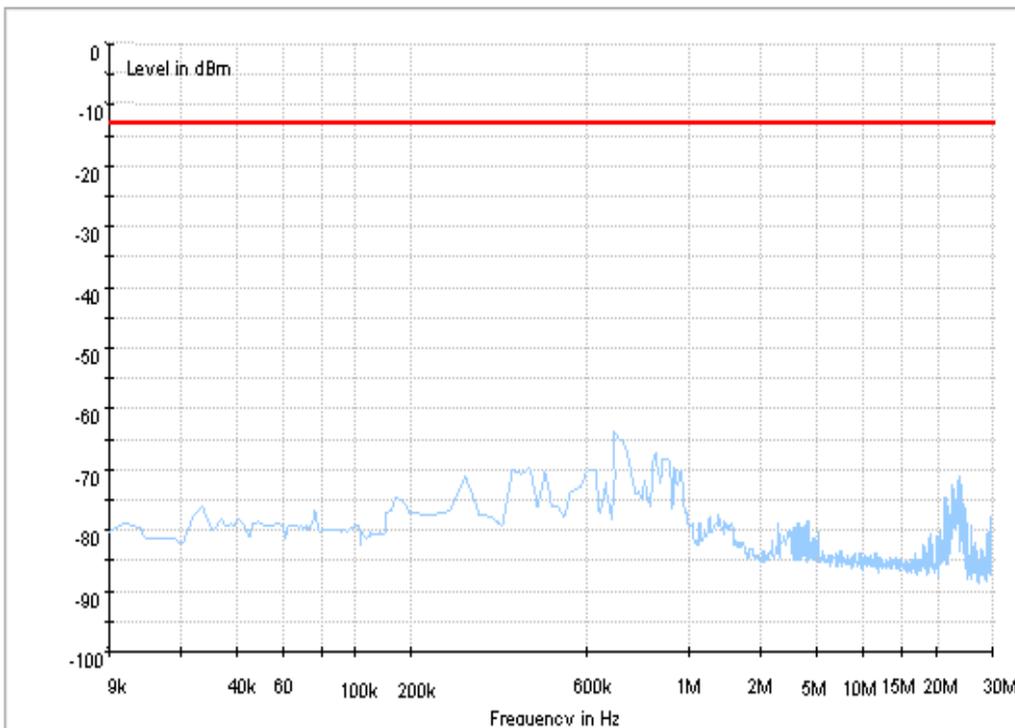
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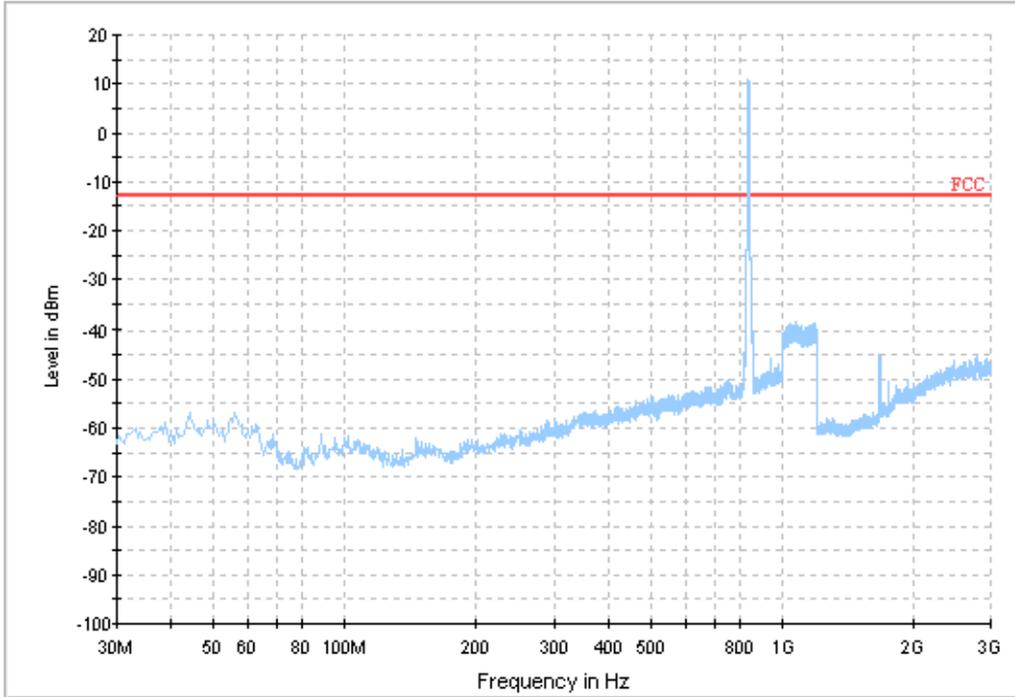
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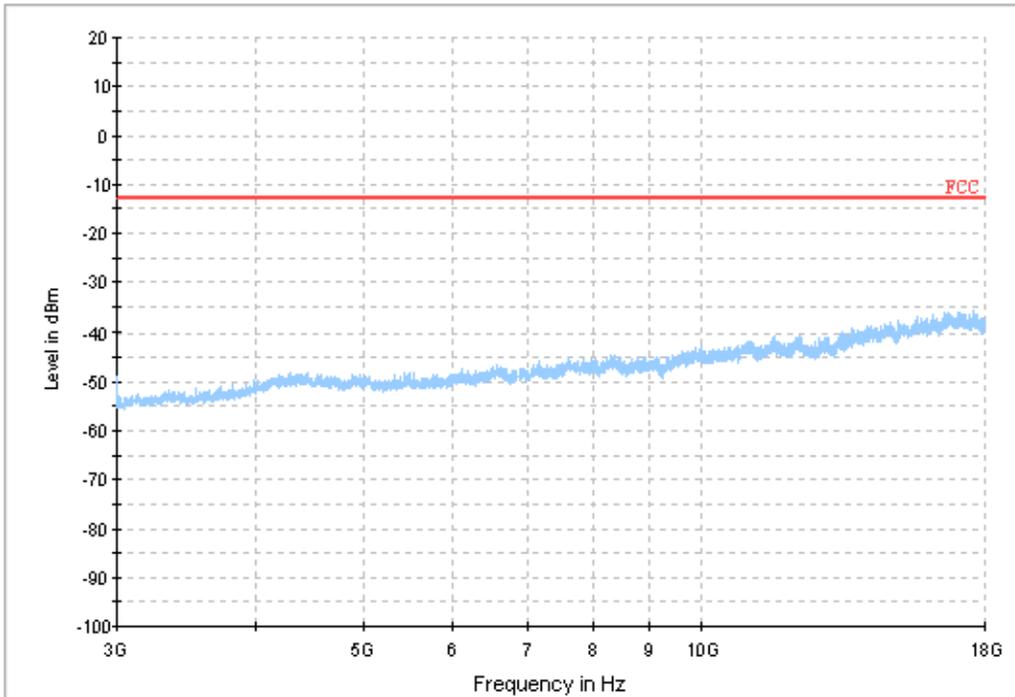
7.3.3.3 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L

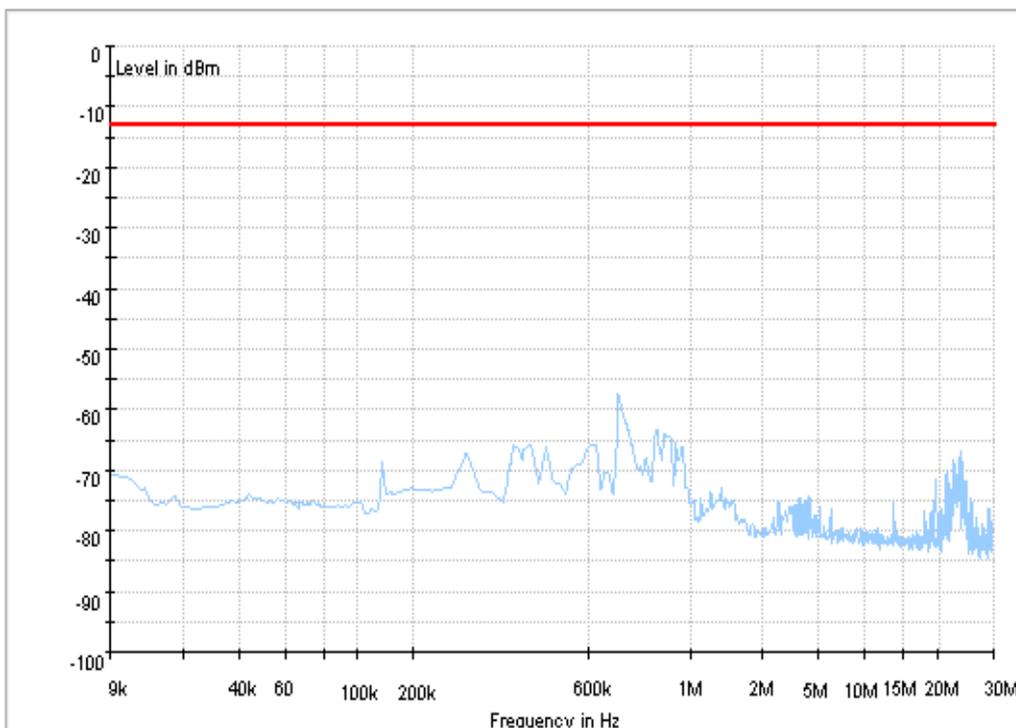


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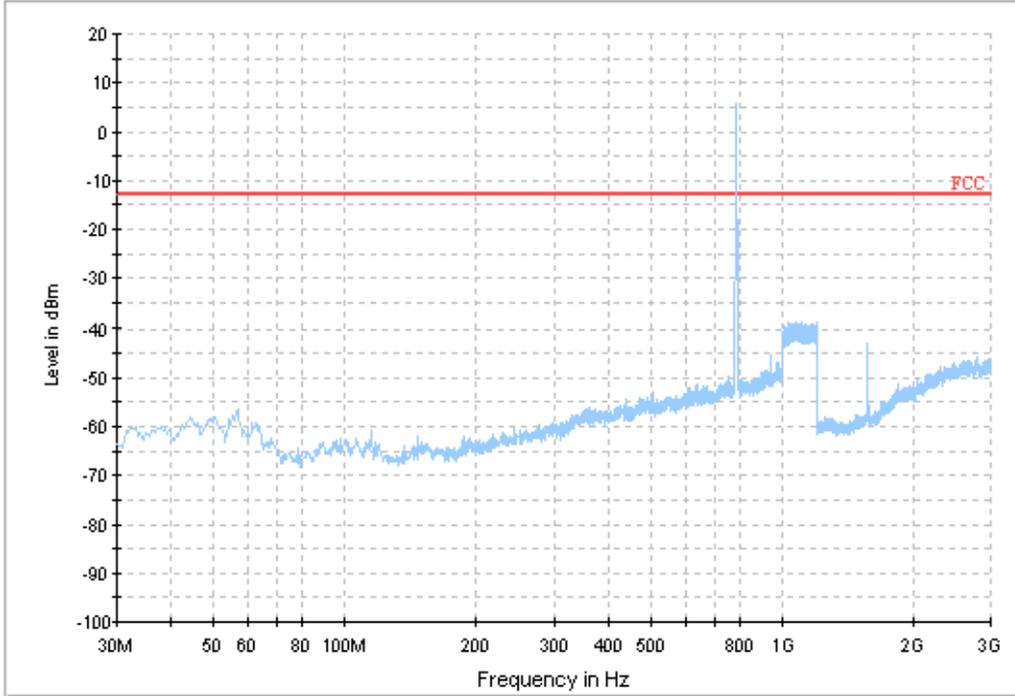


7.3.6 Test Band = BAND13

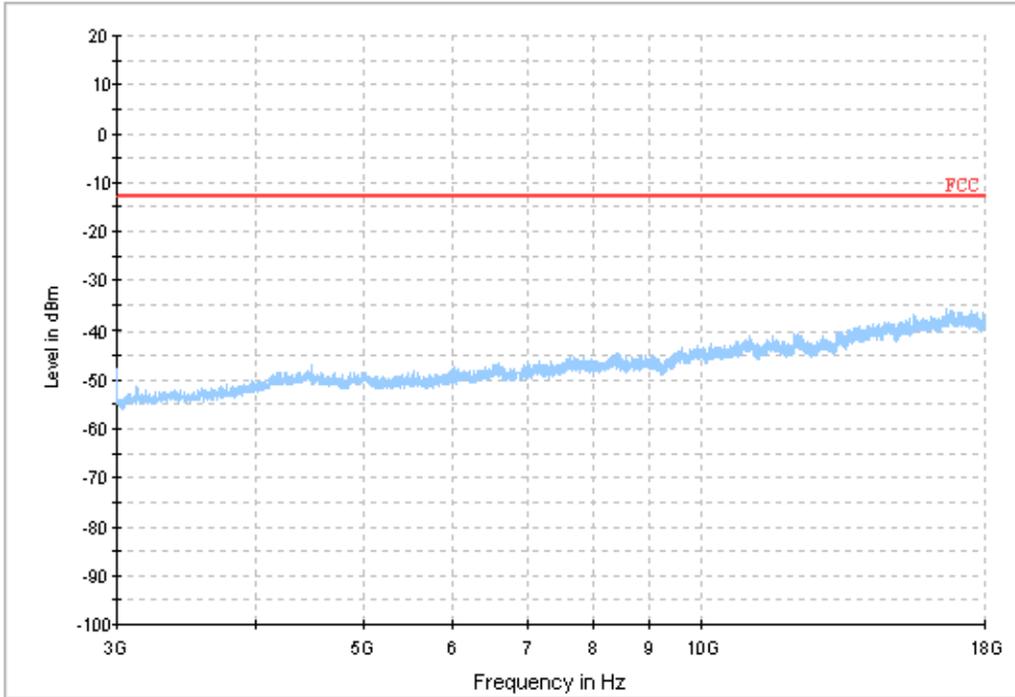
7.3.6.1 Test Bandwidth = 5



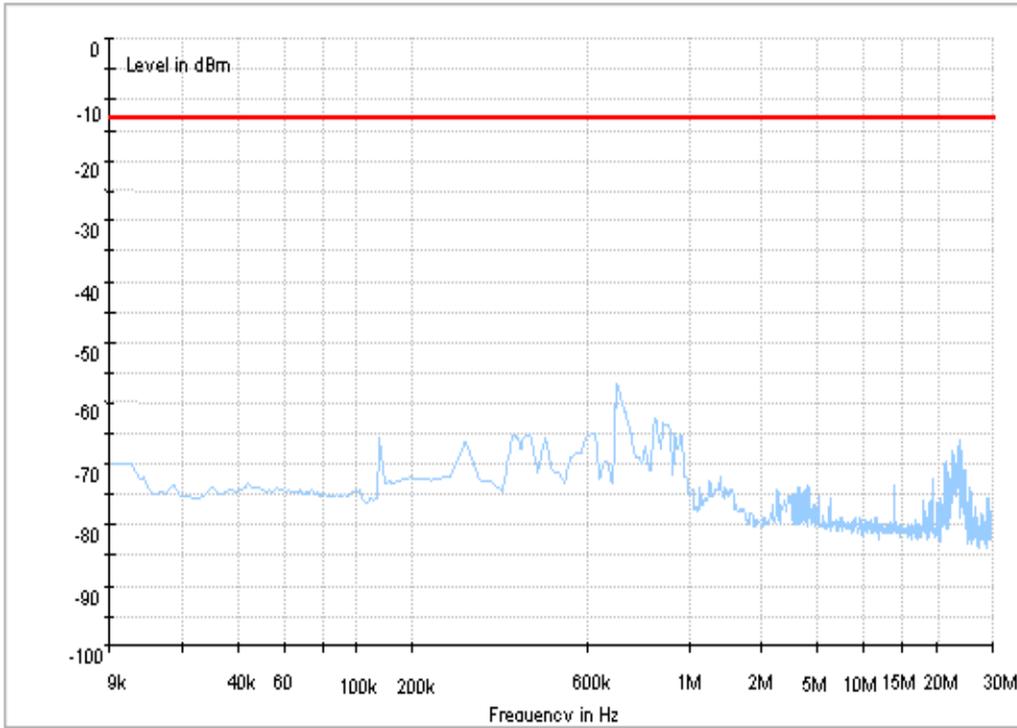
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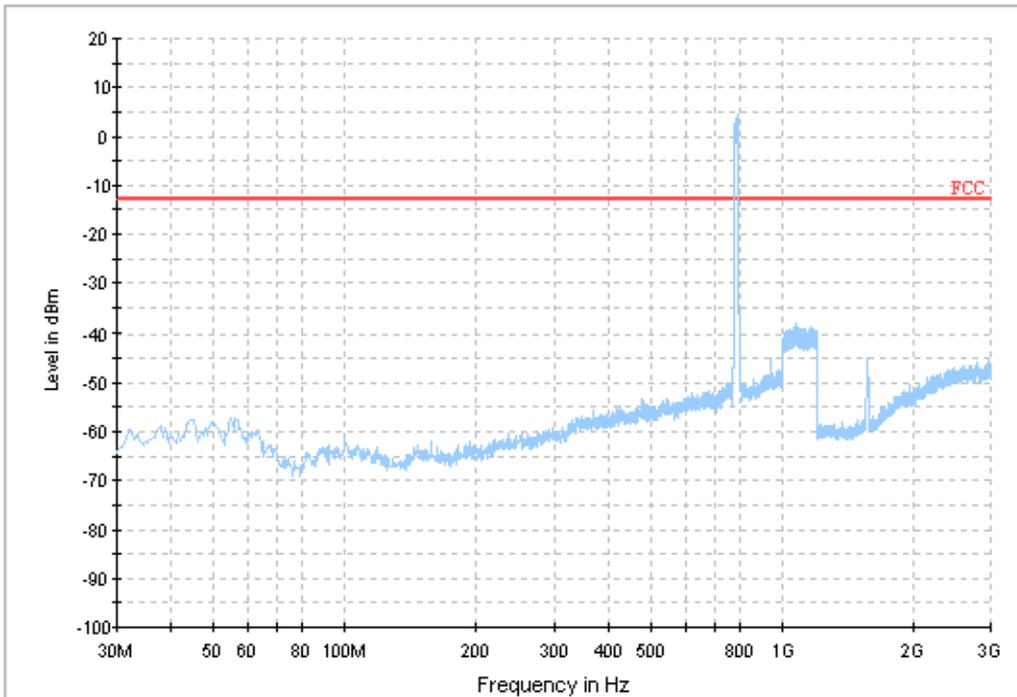
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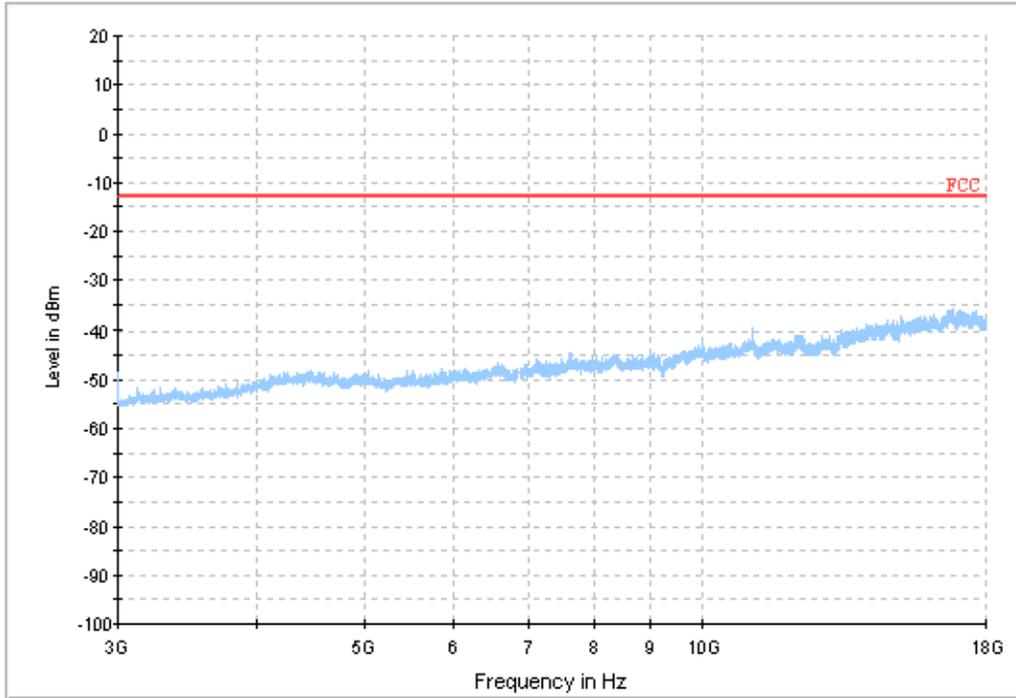
7.3.6.2 Test Bandwidth = 10



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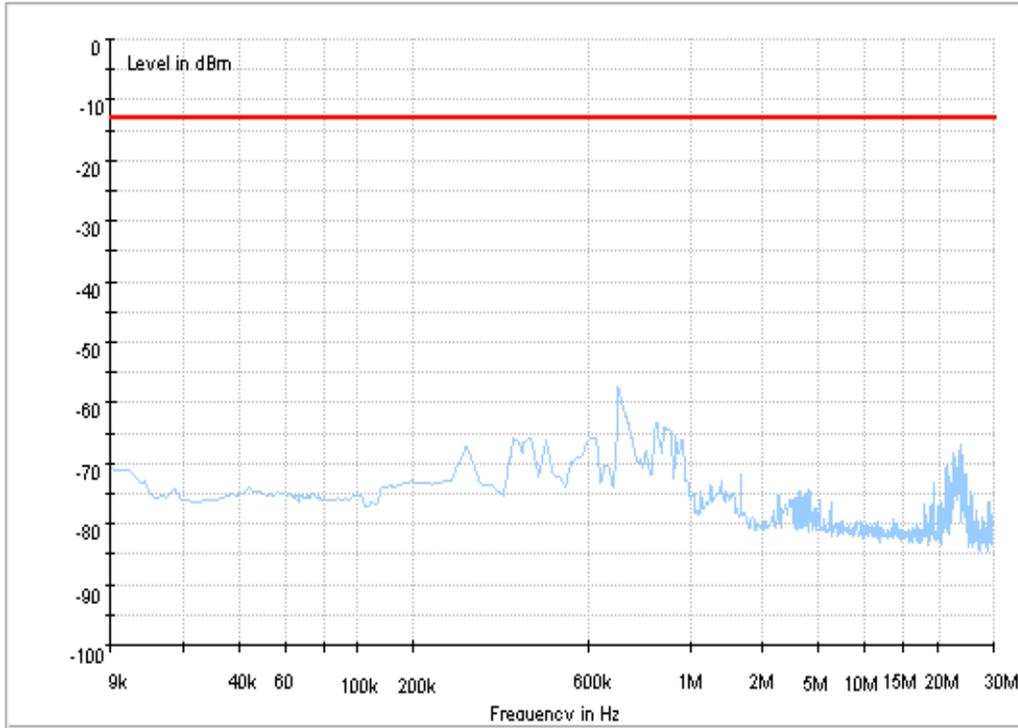


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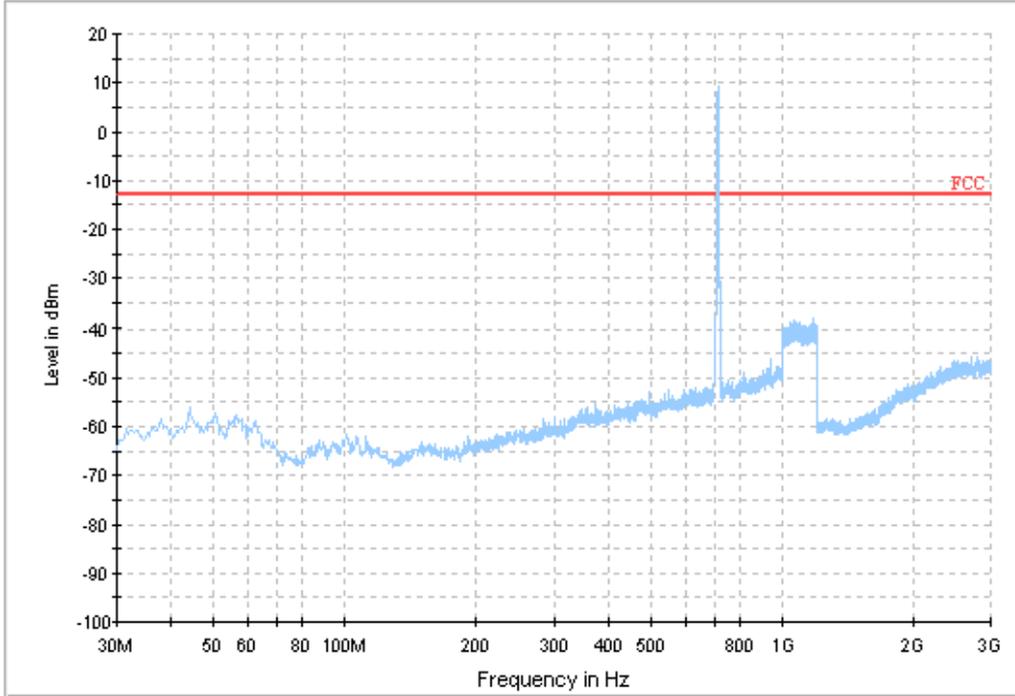


7.3.7 Test Band = BAND17

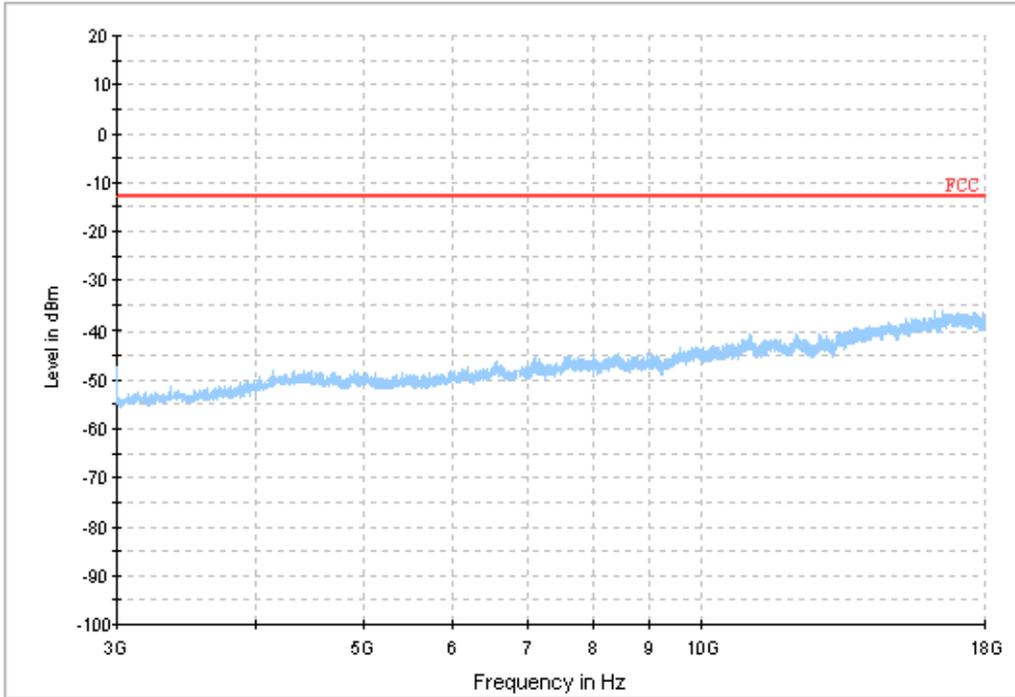
7.3.7.1 Test Bandwidth = 5



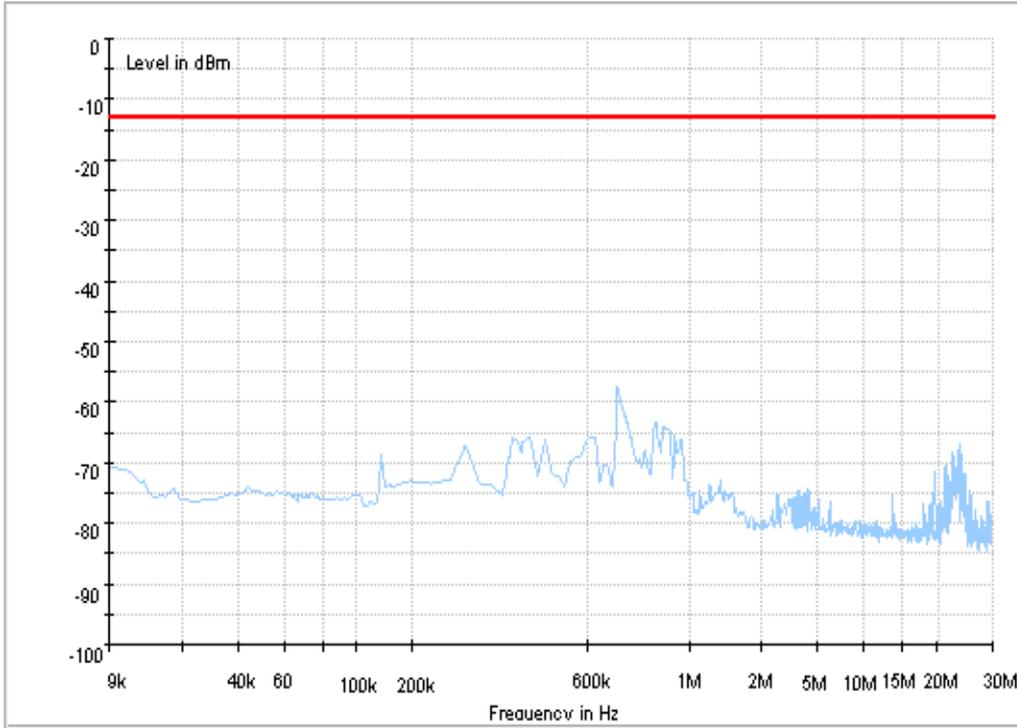
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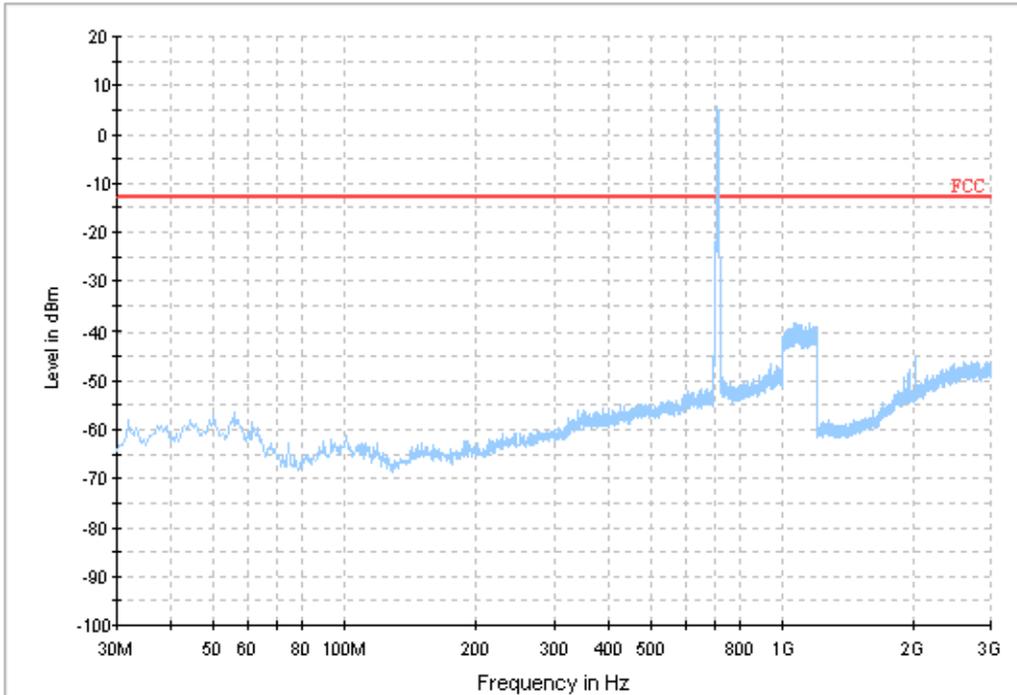
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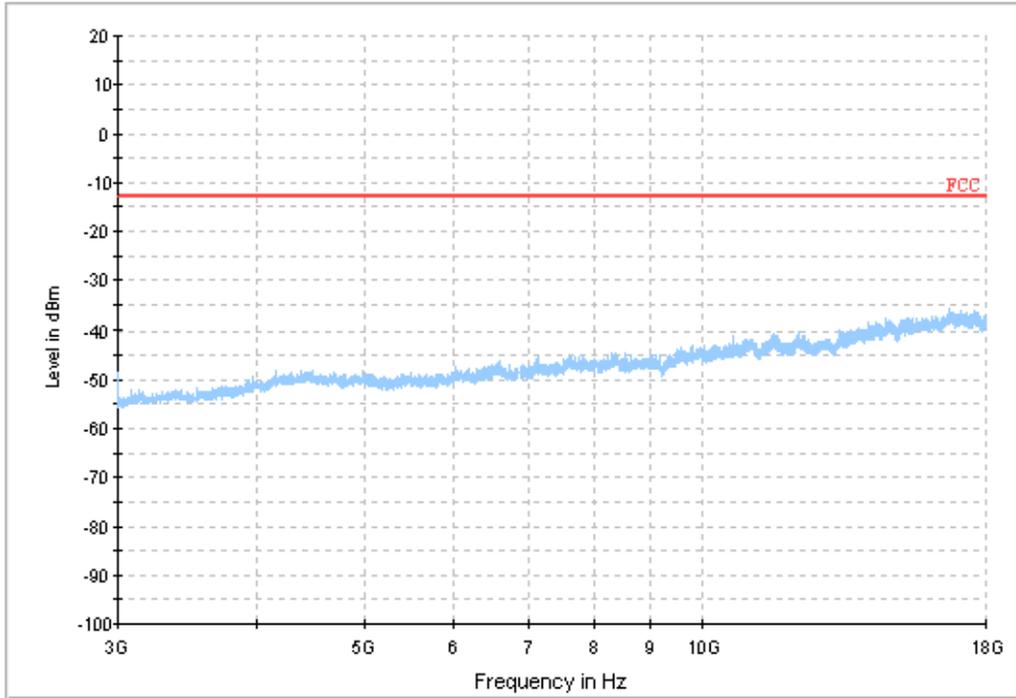
7.3.7.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L



Copy of RSE-TX-DIRECTOR BELOW 1G_H



8Appendix_H: Frequency Stability

8.3 For LTE

8.3.1 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
BAND2	LTE/TM1	1.4	LCH	TN	VL	4.79	0.00259	PASS
					VN	4.36	0.00236	PASS
					VH	-10.54	-0.0057	PASS
			MCH	TN	VL	-3.99	-0.00212	PASS
					VN	13.26	0.00705	PASS
					VH	-0.31	-0.00016	PASS
			HCH	TN	VL	-18.75	-0.00982	PASS
					VN	1.63	0.00085	PASS
					VH	-11.1	-0.00581	PASS
		3	LCH	TN	VL	14.98	0.00809	PASS
					VN	4.51	0.00244	PASS
					VH	5.58	0.00301	PASS
			MCH	TN	VL	6.81	0.00362	PASS
					VN	11.26	0.00599	PASS
					VH	-14.41	-0.00766	PASS
			HCH	TN	VL	-9.17	-0.0048	PASS
					VN	-9.43	-0.00494	PASS
					VH	-6.51	-0.00341	PASS
		5	LCH	TN	VL	0.97	0.00052	PASS
					VN	-3.93	-0.00212	PASS
					VH	4.78	0.00258	PASS
			MCH	TN	VL	10.63	0.00565	PASS
					VN	-4.75	-0.00253	PASS
					VH	7.2	0.00383	PASS
HCH	TN		VL	10.11	0.0053	PASS		
			VN	-0.19	-0.0001	PASS		
			VH	4.88	0.00256	PASS		
10	LCH	TN	VL	-3.33	-0.0018	PASS		
			VN	-3.81	-0.00205	PASS		
			VH	-0.62	-0.00033	PASS		
	MCH	TN	VL	-1.5	-0.0008	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					VN	-6.65	-0.00354	PASS		
					VH	0.16	0.00009	PASS		
			HCH	TN	VL	-1.66	-0.00087	PASS		
					VN	16.22	0.00851	PASS		
						VH	14.41	0.00756	PASS	
						VL	-1.57	-0.00085	PASS	
		15	LCH	TN	VN	-8.43	-0.00454	PASS		
					VH	-10.54	-0.00567	PASS		
			MCH	TN	VL	-7.6	-0.00404	PASS		
					VN	2.53	0.00135	PASS		
						VH	-2	-0.00106	PASS	
						VL	7.82	0.00411	PASS	
		20	HCH	TN	VN	10.34	0.00543	PASS		
					VH	3.71	0.00195	PASS		
			LCH	TN	VL	-4.21	-0.00226	PASS		
					VN	-10.81	-0.00581	PASS		
						VH	-3.23	-0.00174	PASS	
						VL	15.88	0.00845	PASS	
		3	MCH	TN	VN	-0.82	-0.00044	PASS		
					VH	4.41	0.00235	PASS		
			HCH	TN	VL	2.66	0.0014	PASS		
					VN	-2.42	-0.00127	PASS		
						VH	-4.19	-0.00221	PASS	
						VL	-0.33	-0.00018	PASS	
		LTE/TM2	1.4	LCH	TN	VN	8.17	0.00441	PASS	
						VH	12.97	0.00701	PASS	
				MCH	TN	VL	8.71	0.00463	PASS	
						VN	-20.91	-0.01112	PASS	
							VH	11.01	0.00586	PASS
							VL	-9.47	-0.00496	PASS
			HCH	TN	VN	7.42	0.00389	PASS		
					VH	15.36	0.00804	PASS		
			3	LCH	TN	VL	-5.46	-0.00295	PASS	
						VN	-8.21	-0.00443	PASS	
							VH	3.91	0.00211	PASS
							VL	9.81	0.00522	PASS
				MCH	TN	VN	8.94	0.00476	PASS	
						VH	-7.25	-0.00386	PASS	
			HCH	TN	VL	-1.99	-0.00104	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
		5	LCH	TN	VN	17.61	0.00923	PASS		
					VH	5.19	0.00272	PASS		
					VL	3.83	0.00207	PASS		
			MCH	TN	VN	-6.52	-0.00352	PASS		
					VH	-0.2	-0.00011	PASS		
					VL	-0.06	-0.00003	PASS		
		HCH	TN	VN	2.62	0.00139	PASS			
				VH	-3.28	-0.00174	PASS			
				VL	-0.96	-0.0005	PASS			
		10	LCH	TN	VN	8.2	0.0043	PASS		
					VH	-9	-0.00472	PASS		
					VL	-8.75	-0.00472	PASS		
			MCH	TN	VN	4.63	0.0025	PASS		
					VH	-1.09	-0.00059	PASS		
					VL	5.12	0.00272	PASS		
			HCH	TN	VN	6.37	0.00339	PASS		
					VH	4.65	0.00247	PASS		
					VL	-7.07	-0.00371	PASS		
			15	LCH	TN	VN	-5.91	-0.0031	PASS	
						VH	-5.11	-0.00268	PASS	
						VL	-14.08	-0.00758	PASS	
		MCH		TN	VN	2.12	0.00114	PASS		
					VH	-5.14	-0.00277	PASS		
					VL	0.69	0.00037	PASS		
		HCH		TN	VN	-4.68	-0.00249	PASS		
					VH	-9.14	-0.00486	PASS		
					VL	-3.25	-0.00171	PASS		
		20	LCH	TN	VN	-10.53	-0.00553	PASS		
					VH	-0.62	-0.00033	PASS		
					VL	-3.79	-0.00204	PASS		
			MCH	TN	VN	-8.33	-0.00448	PASS		
					VH	1.26	0.00068	PASS		
					VL	-1.9	-0.00101	PASS		
			HCH	TN	VN	-1.56	-0.00083	PASS		
					VH	0.31	0.00016	PASS		
					VL	-17.04	-0.00897	PASS		
		BAND4	LTE/TM1	1.4	LCH	TN	VN	-0.39	-0.00021	PASS
							VH	-8.98	-0.00473	PASS
							VL	-2.82	-0.00165	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					VN	-1.7	-0.00099	PASS		
					VH	-0.13	-0.00008	PASS		
					MCH	TN	VL	-10.43	-0.00602	PASS
							VN	4.79	0.00276	PASS
					VH	-4.03	-0.00233	PASS		
					HCH	TN	VL	8.31	0.00474	PASS
			VN	-22.57			-0.01287	PASS		
			VH	-12.13			-0.00691	PASS		
			3	LCH	TN	VL	-4.73	-0.00276	PASS	
						VN	3.22	0.00188	PASS	
						VH	6.62	0.00387	PASS	
				MCH	TN	VL	4.65	0.00268	PASS	
		VN				26.72	0.01542	PASS		
		VH				6.22	0.00359	PASS		
		HCH		TN	VL	-8.5	-0.00485	PASS		
					VN	-1.83	-0.00104	PASS		
					VH	9.44	0.00538	PASS		
		5		LCH	TN	VL	10.2	0.00596	PASS	
						VN	-14.58	-0.00851	PASS	
						VH	-0.1	-0.00006	PASS	
			MCH	TN	VL	-14.73	-0.0085	PASS		
					VN	-21.06	-0.01216	PASS		
					VH	-4.18	-0.00241	PASS		
			HCH	TN	VL	1.37	0.00078	PASS		
					VN	4.99	0.00285	PASS		
					VH	13.23	0.00755	PASS		
			10	LCH	TN	VL	-0.16	-0.00009	PASS	
						VN	-14.61	-0.00852	PASS	
						VH	-4.98	-0.0029	PASS	
		MCH		TN	VL	-1.5	-0.00087	PASS		
					VN	4.71	0.00272	PASS		
					VH	2.85	0.00165	PASS		
		HCH		TN	VL	0.09	0.00005	PASS		
					VN	9.14	0.00522	PASS		
					VH	-2.29	-0.00131	PASS		
		15		LCH	TN	VL	-10.71	-0.00624	PASS	
						VN	1.69	0.00098	PASS	
						VH	1.19	0.00069	PASS	
			MCH	TN	VL	-9.66	-0.00558	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					VN	1.16	0.00067	PASS	
					VH	-8.25	-0.00476	PASS	
					VL	-4.79	-0.00274	PASS	
			HCH	TN	VN	-7.5	-0.00429	PASS	
					VH	-7.9	-0.00452	PASS	
					VL	-0.1	-0.00006	PASS	
		LCH	TN	VN	-6.69	-0.00389	PASS		
				VH	-3.19	-0.00185	PASS		
				VL	-16.48	-0.00951	PASS		
		MCH	TN	VN	-3.68	-0.00212	PASS		
				VH	-9.86	-0.00569	PASS		
				VL	-0.46	-0.00026	PASS		
		HCH	TN	VN	-3.03	-0.00174	PASS		
				VH	5.64	0.00323	PASS		
				VL	-1.39	-0.00081	PASS		
		LTE/TM2	1.4	LCH	TN	VN	-16.97	-0.00992	PASS
						VH	-15.94	-0.00932	PASS
						VL	-9.07	-0.00524	PASS
				MCH	TN	VN	5.69	0.00328	PASS
						VH	3.52	0.00203	PASS
						VL	-17.4	-0.00992	PASS
	HCH			TN	VN	1.27	0.00072	PASS	
					VH	-8.34	-0.00475	PASS	
					VL	-10.1	-0.0059	PASS	
	3		LCH	TN	VN	-6.91	-0.00404	PASS	
					VH	5.41	0.00316	PASS	
					VL	-12.39	-0.00715	PASS	
			MCH	TN	VN	-2.63	-0.00152	PASS	
					VH	-17.57	-0.01014	PASS	
					VL	3.52	0.00201	PASS	
	HCH		TN	VN	4.88	0.00278	PASS		
				VH	-6.28	-0.00358	PASS		
				VL	-12.17	-0.00711	PASS		
	5		LCH	TN	VN	-8.63	-0.00504	PASS	
					VH	2.17	0.00127	PASS	
					VL	1.97	0.00114	PASS	
		MCH	TN	VN	1.75	0.00101	PASS		
				VH	3.81	0.0022	PASS		
				VL	-4.09	-0.00233	PASS		
	HCH	TN	VL	-4.09	-0.00233	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
		10	LCH	TN	VN	-15.99	-0.00912	PASS		
					VH	5.05	0.00288	PASS		
					VL	-11.26	-0.00657	PASS		
			MCH	TN	VN	-0.69	-0.0004	PASS		
					VH	-6.21	-0.00362	PASS		
					VL	2.82	0.00163	PASS		
		HCH	TN	VN	-2.65	-0.00153	PASS			
				VH	-6.11	-0.00353	PASS			
				VL	7.12	0.00407	PASS			
		15	LCH	TN	VN	-4.16	-0.00238	PASS		
					VH	-6.17	-0.00353	PASS		
					VL	5.76	0.00335	PASS		
			MCH	TN	VN	9.74	0.00567	PASS		
					VH	1.09	0.00063	PASS		
					VL	-9.51	-0.00549	PASS		
			HCH	TN	VN	-5.16	-0.00298	PASS		
					VH	-9.44	-0.00545	PASS		
					VL	16.68	0.00955	PASS		
		20	LCH	TN	VN	4.45	0.00255	PASS		
					VH	1.14	0.00065	PASS		
					VL	7.6	0.00442	PASS		
			MCH	TN	VN	10.7	0.00622	PASS		
					VH	11.09	0.00645	PASS		
					VL	-3.49	-0.00201	PASS		
			HCH	TN	VN	0.31	0.00018	PASS		
					VH	6.79	0.00392	PASS		
					VL	-6.74	-0.00386	PASS		
		BAND5	LTE/TM1	1.4	LCH	TN	VN	-2.69	-0.00154	PASS
							VH	0.46	0.00026	PASS
							VL	-5.18	-0.00628	PASS
MCH	TN				VN	8.35	0.01012	PASS		
					VH	-12.04	-0.0146	PASS		
					VL	-5.46	-0.00653	PASS		
HCH	TN			VN	22.17	0.0265	PASS			
				VH	-15.74	-0.01882	PASS			
				VL	14.41	0.01699	PASS			
3	LCH	TN	VN	-0.43	-0.00051	PASS				
			VH	-4.79	-0.00565	PASS				
			VL	7.18	0.0087	PASS				



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					VN	-0.92	-0.00111	PASS		
					VH	-4.94	-0.00598	PASS		
					MCH	TN	VL	-12.72	-0.01521	PASS
							VN	-7.74	-0.00925	PASS
					VH	-14.36	-0.01717	PASS		
					HCH	TN	VL	-3.63	-0.00428	PASS
			VN	11.82			0.01395	PASS		
			VH	3.18			0.00375	PASS		
			5	LCH	TN	VL	12.25	0.01482	PASS	
						VN	10.26	0.01241	PASS	
						VH	10.17	0.0123	PASS	
				MCH	TN	VL	6.44	0.0077	PASS	
		VN				-9.23	-0.01103	PASS		
		VH				7.74	0.00925	PASS		
		HCH		TN	VL	3.76	0.00444	PASS		
					VN	-1.76	-0.00208	PASS		
					VH	3.69	0.00436	PASS		
		10		LCH	TN	VL	-5.32	-0.00642	PASS	
						VN	-5.64	-0.0068	PASS	
						VH	-4.11	-0.00496	PASS	
			MCH	TN	VL	9.7	0.0116	PASS		
					VN	-0.66	-0.00079	PASS		
					VH	0.51	0.00061	PASS		
			HCH	TN	VL	4.09	0.00485	PASS		
					VN	8.77	0.01039	PASS		
					VH	8.25	0.00977	PASS		
		LTE/TM2	1.4	LCH	TN	VL	8.48	0.01028	PASS	
						VN	2.73	0.00331	PASS	
						VH	3.71	0.0045	PASS	
				MCH	TN	VL	15.86	0.01896	PASS	
						VN	3.58	0.00428	PASS	
						VH	-1.54	-0.00184	PASS	
				HCH	TN	VL	6.61	0.00779	PASS	
						VN	-11.62	-0.0137	PASS	
						VH	2.4	0.00283	PASS	
			3	LCH	TN	VL	-6.88	-0.00833	PASS	
VN	-1.63					-0.00197	PASS			
VH	2.3					0.00279	PASS			
MCH	TN		VL	-1.53	-0.00183	PASS				



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
			HCH	TN	VN	5.38	0.00643	PASS		
					VH	7.74	0.00925	PASS		
					VL	-7.77	-0.00917	PASS		
					VN	3.49	0.00412	PASS		
					VH	17.27	0.02038	PASS		
					VL	2.09	0.00253	PASS		
		5	LCH	TN	VN	-3.29	-0.00398	PASS		
					VH	-0.69	-0.00083	PASS		
					VL	5.85	0.00699	PASS		
					VN	4.58	0.00548	PASS		
					VH	2.96	0.00354	PASS		
					VL	11.56	0.01366	PASS		
			HCH	TN	VN	2.32	0.00274	PASS		
					VH	3.59	0.00424	PASS		
					VL	-4.56	-0.0055	PASS		
					VN	-3.92	-0.00473	PASS		
					VH	-0.49	-0.00059	PASS		
					VL	17.18	0.02054	PASS		
		10	MCH	TN	VN	2.79	0.00334	PASS		
					VH	4.23	0.00506	PASS		
					VL	11.22	0.01329	PASS		
					VN	-4.39	-0.0052	PASS		
					VH	-8.15	-0.00966	PASS		
					VL	12.4	0.01591	PASS		
		BAND13	LTE/TM1	5	LCH	TN	VN	10.4	0.01334	PASS
							VH	-0.11	-0.00014	PASS
							VL	11.94	0.01527	PASS
MCH	TN				VN	14.48	0.01852	PASS		
					VH	13.42	0.01716	PASS		
					VL	17.19	0.02191	PASS		
HCH	TN				VN	7.75	0.00988	PASS		
					VH	-7.41	-0.00945	PASS		
					VL	-8.41	-0.01075	PASS		
10	LCH			TN	VN	-1.76	-0.00225	PASS		
					VH	-10.57	-0.01352	PASS		
					VL	-6.54	-0.00836	PASS		
	MCH			TN	VN	-3.53	-0.00451	PASS		
					VH	-22.87	-0.02925	PASS		
					VL	-4.88	-0.00624	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	5	LCH	TN	VN	-22.09	-0.02825	PASS
					VH	1.37	0.00175	PASS
					VL	4.91	0.0063	PASS
			VN	9.46	0.01214	PASS		
			VH	11.63	0.01492	PASS		
			VL	8.14	0.01041	PASS		
		MCH	TN	VN	17.11	0.02188	PASS	
				VH	6.69	0.00855	PASS	
				VL	10.99	0.01401	PASS	
		HCH	TN	VN	5.62	0.00716	PASS	
				VH	5.98	0.00762	PASS	
				VL	13.25	0.01694	PASS	
		10	LCH	TN	VN	14.63	0.01871	PASS
					VH	0.09	0.00012	PASS
					VL	7.78	0.00995	PASS
			MCH	TN	VN	-7.4	-0.00946	PASS
					VH	0.34	0.00043	PASS
					VL	7.62	0.00974	PASS
	HCH	TN	VN	-9.74	-0.01246	PASS		
			VH	5.14	0.00657	PASS		
			VL	-2.68	-0.00379	PASS		
BAND17	LTE/TM1	5	LCH	TN	VN	9.57	0.01355	PASS
					VH	10.93	0.01547	PASS
					VL	16.42	0.02313	PASS
			MCH	TN	VN	4.63	0.00652	PASS
					VH	12.16	0.01713	PASS
					VL	16.67	0.02336	PASS
		HCH	TN	VN	4.55	0.00638	PASS	
				VH	-5.04	-0.00706	PASS	
				VL	4.36	0.00615	PASS	
		10	LCH	TN	VN	5.29	0.00746	PASS
					VH	2.79	0.00394	PASS
					VL	4.94	0.00696	PASS
			MCH	TN	VN	0.93	0.00131	PASS
					VH	6.45	0.00908	PASS
					VL	5.09	0.00716	PASS
		HCH	TN	VN	5.46	0.00768	PASS	
				VH	6.42	0.00903	PASS	
				VL	10.3	0.01458	PASS	
	LTE/TM2	5	LCH	TN	VL	10.3	0.01458	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	9.71	0.01374	PASS
					VH	7.62	0.01079	PASS
					VL	11.4	0.01606	PASS
			MCH	TN	VN	3.19	0.00449	PASS
					VH	16.69	0.02351	PASS
					VL	21.4	0.02999	PASS
			HCH	TN	VN	2.6	0.00364	PASS
					VH	-3.32	-0.00465	PASS
					VL	5.31	0.00749	PASS
		10	LCH	TN	VN	2.07	0.00292	PASS
					VH	3.02	0.00426	PASS
					VL	1.99	0.0028	PASS
			MCH	TN	VN	16.94	0.02386	PASS
					VH	4.12	0.0058	PASS
					VL	3.82	0.00537	PASS
			HCH	TN	VN	6.12	0.00861	PASS
					VH	15.46	0.02174	PASS
					VL	15.46	0.02174	PASS

8.3.2 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
BAND2	LTE/TM1	1.4	LCH	VN	-30	20.33	0.01099	PASS
					-20	-6.31	-0.00341	PASS
					-10	-17.17	-0.00928	PASS
					0	-9.68	-0.00523	PASS
					10	14.36	0.00776	PASS
					20	-7.7	-0.00416	PASS
					30	12.76	0.00689	PASS
					40	-12	-0.00648	PASS
					50	19.53	0.01055	PASS
			MCH	VN	-30	20.17	0.01073	PASS
					-20	-10.67	-0.00568	PASS
					-10	-0.16	-0.00009	PASS
					0	5.12	0.00272	PASS
					10	-2.9	-0.00154	PASS
20	11.53	0.00613	PASS					
30	16.47	0.00876	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	21.39	0.01138	PASS
					50	14.35	0.00763	PASS
			HCH	VN	-30	-4.63	-0.00242	PASS
					-20	14.85	0.00778	PASS
					-10	-12.06	-0.00632	PASS
					0	-4.11	-0.00215	PASS
					10	12.26	0.00642	PASS
					20	-17.42	-0.00912	PASS
					30	-9.7	-0.00508	PASS
					40	-22.37	-0.01172	PASS
					50	-2.76	-0.00145	PASS
		3	LCH	VN	-30	0.03	0.00002	PASS
					-20	2.39	0.00129	PASS
					-10	12.16	0.00657	PASS
					0	4.62	0.0025	PASS
					10	-5.99	-0.00324	PASS
					20	-0.2	-0.00011	PASS
					30	2.16	0.00117	PASS
					40	8.18	0.00442	PASS
			50	4.84	0.00261	PASS		
			MCH	VN	-30	14.53	0.00773	PASS
					-20	11.07	0.00589	PASS
		-10			1.53	0.00081	PASS	
		0			0.57	0.0003	PASS	
		10			2.73	0.00145	PASS	
		20			11.57	0.00615	PASS	
		30			10.14	0.00539	PASS	
		40	-3.2	-0.0017	PASS			
		50	11.72	0.00623	PASS			
		HCH	VN	-30	-3.25	-0.0017	PASS	
				-20	3.56	0.00187	PASS	
				-10	9.38	0.00491	PASS	
				0	-1.72	-0.0009	PASS	
10	5.74			0.00301	PASS			
20	-0.82			-0.00043	PASS			
30	27.51			0.01441	PASS			
40	-18.75			-0.00982	PASS			
50	16.37	0.00858	PASS					
5	LCH	VN	-30	-13.48	-0.00728	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	-7.75	-0.00418	PASS	
					-10	1.79	0.00097	PASS	
					0	1.92	0.00104	PASS	
					10	-0.11	-0.00006	PASS	
					20	-10.19	-0.0055	PASS	
					30	-15.16	-0.00818	PASS	
					40	-9.8	-0.00529	PASS	
					50	-0.04	-0.00002	PASS	
			MCH	VN	-30	3.72	0.00198	PASS	
					-20	-1.76	-0.00094	PASS	
					-10	3.95	0.0021	PASS	
					0	-0.66	-0.00035	PASS	
					10	-3.56	-0.00189	PASS	
					20	2.47	0.00131	PASS	
					30	-8.77	-0.00466	PASS	
					40	-10.1	-0.00537	PASS	
			HCH	VN	-30	-11.5	-0.00603	PASS	
					-20	1.13	0.00059	PASS	
					-10	-10.84	-0.00568	PASS	
					0	2.3	0.00121	PASS	
					10	1.8	0.00094	PASS	
					20	-2.63	-0.00138	PASS	
					30	-8.17	-0.00428	PASS	
					40	-8.08	-0.00424	PASS	
			10	LCH	VN	-30	-1.44	-0.00078	PASS
						-20	-5.32	-0.00287	PASS
						-10	1.57	0.00085	PASS
						0	-4.29	-0.00231	PASS
		10				-4.29	-0.00231	PASS	
		20				-6.65	-0.00358	PASS	
		30				4.01	0.00216	PASS	
		40				-6.72	-0.00362	PASS	
		50		-6.31	-0.0034	PASS			
		MCH		VN	-30	3.65	0.00194	PASS	
					-20	11.16	0.00594	PASS	
					-10	-3.95	-0.0021	PASS	
			0		-10.47	-0.00557	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	-6.38	-0.00339	PASS		
					20	-9	-0.00479	PASS		
					30	-5.12	-0.00272	PASS		
					40	-2.75	-0.00146	PASS		
					50	5.85	0.00311	PASS		
					HCH	VN	-30	-2.12	-0.00111	PASS
							-20	-7.8	-0.00409	PASS
							-10	-1.63	-0.00086	PASS
							0	4.66	0.00245	PASS
			10	3.95			0.00207	PASS		
			20	-6.31			-0.00331	PASS		
			30	-6.32			-0.00332	PASS		
			40	10.21			0.00536	PASS		
			50	-3.35			-0.00176	PASS		
			15	LCH	VN	-30	1.16	0.00062	PASS	
						-20	-1.24	-0.00067	PASS	
						-10	-9.44	-0.00508	PASS	
						0	-8.87	-0.00478	PASS	
		10				-10.49	-0.00565	PASS		
		20				-11.86	-0.00638	PASS		
		30				-16.29	-0.00877	PASS		
		40				-1.32	-0.00071	PASS		
		50				-15.82	-0.00852	PASS		
		MCH		VN	-30	3.46	0.00184	PASS		
					-20	-8.85	-0.00471	PASS		
					-10	-0.86	-0.00046	PASS		
					0	4.45	0.00237	PASS		
					10	-3.22	-0.00171	PASS		
					20	5.01	0.00266	PASS		
					30	-5.82	-0.0031	PASS		
					40	2.65	0.00141	PASS		
					50	10.57	0.00562	PASS		
		HCH	VN	-30	-7.44	-0.00391	PASS			
				-20	-7.11	-0.00374	PASS			
				-10	-10.61	-0.00558	PASS			
				0	-4.73	-0.00249	PASS			
10	-2.47			-0.0013	PASS					
20	-3.68			-0.00193	PASS					
30	7.17			0.00377	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		20	LCH	VN	40	2.46	0.00129	PASS
					50	9.4	0.00494	PASS
					-30	-3.72	-0.002	PASS
					-20	-13.32	-0.00716	PASS
					-10	-5.98	-0.00322	PASS
					0	-8.18	-0.0044	PASS
					10	-11.34	-0.0061	PASS
					20	-6.31	-0.00339	PASS
					30	-4.81	-0.00259	PASS
					40	-3.2	-0.00172	PASS
		50	0.06	0.00003	PASS			
		MCH	VN	-30	0.46	0.00024	PASS	
				-20	-3.63	-0.00193	PASS	
				-10	-5.31	-0.00282	PASS	
				0	-9.66	-0.00514	PASS	
				10	1.79	0.00095	PASS	
				20	-3.35	-0.00178	PASS	
				30	-10.3	-0.00548	PASS	
				40	0.11	0.00006	PASS	
		HCH	VN	-30	-11.13	-0.00586	PASS	
	-20			-6.27	-0.0033	PASS		
	-10			-3.59	-0.00189	PASS		
	0			-16.95	-0.00892	PASS		
	10			-6.41	-0.00337	PASS		
	20			-3.58	-0.00188	PASS		
	30			-17.37	-0.00914	PASS		
	40			-4.18	-0.0022	PASS		
	LTE/TM2	1.4	LCH	VN	-30	5.39	0.00291	PASS
					-20	22.59	0.01221	PASS
					-10	3.79	0.00205	PASS
					0	11.86	0.00641	PASS
					10	19.97	0.01079	PASS
20					-5.05	-0.00273	PASS	
30					-14.23	-0.00769	PASS	
40					-0.93	-0.0005	PASS	
50					18.05	0.00975	PASS	
MCH					VN	-30	10.19	0.00542



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	-1.9	-0.00101	PASS		
					-10	4.28	0.00228	PASS		
					0	10.11	0.00538	PASS		
					10	-2.92	-0.00155	PASS		
					20	-1.85	-0.00098	PASS		
					30	8.6	0.00457	PASS		
					40	6.41	0.00341	PASS		
					50	4.16	0.00221	PASS		
			HCH	VN	-30	-22.76	-0.01192	PASS		
					-20	16.11	0.00844	PASS		
					-10	4.73	0.00248	PASS		
					0	-1.32	-0.00069	PASS		
					10	1.65	0.00086	PASS		
					20	3.95	0.00207	PASS		
					30	6.45	0.00338	PASS		
					40	11.67	0.00611	PASS		
			LCH	VN	-30	1.27	0.00069	PASS		
					-20	-8.83	-0.00477	PASS		
					-10	-11.74	-0.00634	PASS		
					0	-1.76	-0.00095	PASS		
		10			1.42	0.00077	PASS			
		20			11.57	0.00625	PASS			
		30			-0.66	-0.00036	PASS			
		40			-21.77	-0.01176	PASS			
		MCH	VN	-30	4.28	0.00228	PASS			
				-20	3.89	0.00207	PASS			
				-10	-8.64	-0.0046	PASS			
				0	5.38	0.00286	PASS			
				10	0.76	0.0004	PASS			
				20	2.49	0.00132	PASS			
				30	8.97	0.00477	PASS			
				40	7.28	0.00387	PASS			
		HCH	VN	-30	-4.11	-0.00215	PASS			
				-20	-1.19	-0.00062	PASS			
				-10	-11.93	-0.00625	PASS			
				0	-4.03	-0.00211	PASS			
		3					-30	1.27	0.00069	PASS
							-20	-8.83	-0.00477	PASS
							-10	-11.74	-0.00634	PASS
							0	-1.76	-0.00095	PASS
10	1.42						0.00077	PASS		
20	11.57						0.00625	PASS		
30	-0.66						-0.00036	PASS		
40	-21.77						-0.01176	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	8.37	0.00439	PASS		
					20	-8.94	-0.00468	PASS		
					30	6.84	0.00358	PASS		
					40	-6.17	-0.00323	PASS		
					50	-3.91	-0.00205	PASS		
		5	LCH	VN	-30	-6.42	-0.00347	PASS		
					-20	-14.83	-0.00801	PASS		
					-10	11.49	0.0062	PASS		
					0	3.18	0.00172	PASS		
					10	-1.43	-0.00077	PASS		
					20	-8.2	-0.00443	PASS		
					30	9.31	0.00503	PASS		
					40	12.26	0.00662	PASS		
					50	1.72	0.00093	PASS		
					MCH	VN	-30	4.55	0.00242	PASS
							-20	5.98	0.00318	PASS
							-10	-13.96	-0.00743	PASS
							0	-9.7	-0.00516	PASS
			10	3.02			0.00161	PASS		
			20	-2.45			-0.0013	PASS		
			30	3.86			0.00205	PASS		
			40	-1.87			-0.00099	PASS		
			50	-5.68			-0.00302	PASS		
			HCH	VN			-30	1.59	0.00083	PASS
					-20	-3.82	-0.002	PASS		
					-10	10.43	0.00547	PASS		
					0	1.37	0.00072	PASS		
					10	-6.91	-0.00362	PASS		
		20			-4.75	-0.00249	PASS			
		30			24.86	0.01303	PASS			
		40			4.89	0.00256	PASS			
		50	11.42	0.00599	PASS					
		10	LCH	VN	-30	-5.04	-0.00272	PASS		
-20	0.54				0.00029	PASS				
-10	-4.94				-0.00266	PASS				
0	-13.39				-0.00722	PASS				
10	-5.11				-0.00275	PASS				
20	-16.79				-0.00905	PASS				
30	1.56				0.00084	PASS				



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-6.62	-0.00357	PASS
					50	-4.15	-0.00224	PASS
			MCH	VN	-30	-7.93	-0.00422	PASS
					-20	-0.36	-0.00019	PASS
					-10	-1.89	-0.00101	PASS
					0	7.24	0.00385	PASS
					10	-2.09	-0.00111	PASS
					20	1.03	0.00055	PASS
					30	-2.2	-0.00117	PASS
					40	-13.38	-0.00712	PASS
					50	5.95	0.00316	PASS
					HCH	VN	-30	10.97
			-20	-2.76			-0.00145	PASS
			-10	6.87			0.00361	PASS
			0	-4.81			-0.00252	PASS
			10	-3.16			-0.00166	PASS
			20	-7.82			-0.0041	PASS
			30	-2.06			-0.00108	PASS
			40	7.04			0.0037	PASS
			50	7.71	0.00405	PASS		
		15	LCH	VN	-30	-6.52	-0.00351	PASS
					-20	-2.75	-0.00148	PASS
					-10	-4.61	-0.00248	PASS
					0	0.47	0.00025	PASS
					10	-8.18	-0.0044	PASS
					20	-4.75	-0.00256	PASS
					30	-10.83	-0.00583	PASS
					40	4.03	0.00217	PASS
					50	-9.93	-0.00535	PASS
					MCH	VN	-30	-6.24
			-20	-1.2			-0.00064	PASS
			-10	-6.39			-0.0034	PASS
			0	-5.75			-0.00306	PASS
			10	-1.17			-0.00062	PASS
			20	-4.29			-0.00228	PASS
			30	-12.59			-0.0067	PASS
			40	3.56			0.00189	PASS
			50	-0.16	-0.00009	PASS		
			HCH	VN	-30	-8.64	-0.00454	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-9.43	-0.00496	PASS
					-10	-0.19	-0.0001	PASS
					0	-10.13	-0.00532	PASS
					10	-8.35	-0.00439	PASS
					20	-6.9	-0.00363	PASS
					30	9.43	0.00496	PASS
					40	7.02	0.00369	PASS
					50	1.72	0.0009	PASS
		20	LCH	VN	-30	-4.75	-0.00255	PASS
					-20	-9.51	-0.00511	PASS
					-10	0.34	0.00018	PASS
					0	-3.5	-0.00188	PASS
					10	3.89	0.00209	PASS
					20	-16.59	-0.00892	PASS
					30	-5.21	-0.0028	PASS
					40	-6.39	-0.00344	PASS
					50	2.03	0.00109	PASS
					MCH	VN	-30	-5.56
			-20	4.32			0.0023	PASS
			-10	1.16			0.00062	PASS
			0	1.54			0.00082	PASS
			10	-8.63			-0.00459	PASS
			20	8.35			0.00444	PASS
			30	5.31			0.00282	PASS
			40	5.48			0.00291	PASS
			50	6.19			0.00329	PASS
			HCH	VN			-30	-9.54
					-20	-11.2	-0.00589	PASS
		-10			-8.01	-0.00422	PASS	
		0			-4.48	-0.00236	PASS	
10	-6.62	-0.00348			PASS			
20	-3.89	-0.00205			PASS			
30	-1.43	-0.00075			PASS			
40	-3.86	-0.00203			PASS			
50	-3.13	-0.00165	PASS					
BAND4	LTE/TM1	1.4	LCH	VN	-30	-13.95	-0.00815	PASS
					-20	3.16	0.00185	PASS
					-10	2.22	0.0013	PASS
					0	-21.51	-0.01257	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict							
		3			10	-19.34	-0.01131	PASS							
					20	10.97	0.00641	PASS							
					30	-5.21	-0.00305	PASS							
					40	2.42	0.00141	PASS							
					50	-7.67	-0.00448	PASS							
			MCH	VN				-30	1.34	0.00077	PASS				
								-20	-17.78	-0.01026	PASS				
								-10	-8.84	-0.0051	PASS				
								0	-3.39	-0.00196	PASS				
								10	-16.61	-0.00959	PASS				
								20	-19.45	-0.01123	PASS				
								30	2.36	0.00136	PASS				
								40	-24.15	-0.01394	PASS				
								50	-2.75	-0.00159	PASS				
			HCH	VN				-30	6.77	0.00386	PASS				
								-20	-0.39	-0.00022	PASS				
								-10	7.27	0.00414	PASS				
								0	10.91	0.00622	PASS				
								10	-0.87	-0.0005	PASS				
								20	-7.18	-0.00409	PASS				
								30	4.52	0.00258	PASS				
								40	-14.43	-0.00823	PASS				
			LCH	VN	3			-30	-1.04	-0.00061	PASS				
								-20	1.29	0.00075	PASS				
		-10						8.38	0.0049	PASS					
		0						-9.77	-0.00571	PASS					
		10						-10.13	-0.00592	PASS					
		20						6.29	0.00368	PASS					
		30						4.42	0.00258	PASS					
		40						-11.53	-0.00674	PASS					
		50						14.69	0.00858	PASS					
		MCH						VN	3			-30	-7.77	-0.00448	PASS
												-20	-4.21	-0.00243	PASS
												-10	-1.6	-0.00092	PASS
			0	-5.72	-0.0033	PASS									
			10	0.53	0.00031	PASS									
20	7.98		0.00461	PASS											
30	6.64		0.00383	PASS											



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					40	3.48	0.00201	PASS		
					50	-20.24	-0.01168	PASS		
			HCH	VN	-30	-9.06	-0.00517	PASS		
					-20	-8.35	-0.00476	PASS		
					-10	-15.29	-0.00872	PASS		
					0	-13.09	-0.00747	PASS		
					10	-3.71	-0.00212	PASS		
					20	2.57	0.00147	PASS		
					30	-7.68	-0.00438	PASS		
					40	-8.37	-0.00477	PASS		
		50	4.15	0.00237	PASS					
					LCH	VN	-30	-8.78	-0.00513	PASS
							-20	-9.94	-0.0058	PASS
							-10	10.37	0.00606	PASS
							0	-3.56	-0.00208	PASS
							10	4.48	0.00262	PASS
							20	-9.36	-0.00547	PASS
							30	-1.6	-0.00093	PASS
							40	-3.13	-0.00183	PASS
							50	-7.81	-0.00456	PASS
										MCH
		-20	-13.56	-0.00783	PASS					
		-10	-10.53	-0.00608	PASS					
		0	1.87	0.00108	PASS					
		10	0.07	0.00004	PASS					
		20	-6.88	-0.00397	PASS					
		30	-3.76	-0.00217	PASS					
		40	-12.23	-0.00706	PASS					
		50	8.38	0.00484	PASS					
					HCH	VN				
							-20	-1.36	-0.00078	PASS
							-10	9.91	0.00565	PASS
							0	-1.89	-0.00108	PASS
							10	-19.84	-0.01132	PASS
							20	-7.75	-0.00442	PASS
							30	-6.41	-0.00366	PASS
							40	-9.36	-0.00534	PASS
							50	-1.39	-0.00079	PASS
							10	LCH	VN	-30



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	1.17	0.00068	PASS	
					-10	2.6	0.00152	PASS	
					0	-8.94	-0.00521	PASS	
					10	7.54	0.0044	PASS	
					20	-4.65	-0.00271	PASS	
					30	0.07	0.00004	PASS	
					40	6.39	0.00373	PASS	
					50	0.53	0.00031	PASS	
			MCH	VN	-30	-8.21	-0.00474	PASS	
					-20	-13.53	-0.00781	PASS	
					-10	-4.35	-0.00251	PASS	
					0	5.28	0.00305	PASS	
					10	1.24	0.00072	PASS	
					20	-4.13	-0.00238	PASS	
					30	-9.67	-0.00558	PASS	
					40	-8.57	-0.00495	PASS	
			HCH	VN	-30	-10.84	-0.00619	PASS	
					-20	-11.73	-0.0067	PASS	
					-10	-3.39	-0.00194	PASS	
					0	5.01	0.00286	PASS	
					10	-7.91	-0.00452	PASS	
					20	0.67	0.00038	PASS	
					30	4.03	0.0023	PASS	
					40	4.99	0.00285	PASS	
			15	LCH	VN	-30	-0.14	-0.00008	PASS
						-20	-3.26	-0.0019	PASS
						-10	-6.62	-0.00385	PASS
						0	5.08	0.00296	PASS
		10				4.82	0.00281	PASS	
		20				3.33	0.00194	PASS	
		30				-4.41	-0.00257	PASS	
		40				2.95	0.00172	PASS	
		50		-1.95	-0.00114	PASS			
		MCH		VN	-30	-6.31	-0.00364	PASS	
					-20	-8.37	-0.00483	PASS	
					-10	-0.89	-0.00051	PASS	
			0		-6.04	-0.00349	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	-13.62	-0.00786	PASS		
					20	-1	-0.00058	PASS		
					30	-13.02	-0.00752	PASS		
					40	-3.99	-0.0023	PASS		
					50	0.01	0.00001	PASS		
			HCH	VN	-30	15.45	0.00884	PASS		
					-20	-2.66	-0.00152	PASS		
					-10	6.12	0.0035	PASS		
					0	-4.22	-0.00241	PASS		
					10	4.01	0.00229	PASS		
					20	-0.73	-0.00042	PASS		
					30	0.11	0.00006	PASS		
					40	1.47	0.00084	PASS		
			50	-2.7	-0.00155	PASS				
			LCH	VN	-30	0.44	0.00026	PASS		
					-20	-2.63	-0.00153	PASS		
					-10	-2.7	-0.00157	PASS		
					0	-0.57	-0.00033	PASS		
		10			-4.43	-0.00258	PASS			
		20			10.46	0.00608	PASS			
		30			3.2	0.00186	PASS			
		40			2.62	0.00152	PASS			
		50			0.87	0.00051	PASS			
		MCH	VN	-30	-4.65	-0.00268	PASS			
				-20	-7.28	-0.0042	PASS			
				-10	-5.39	-0.00311	PASS			
				0	-8.15	-0.0047	PASS			
				10	-4.91	-0.00283	PASS			
				20	-6.82	-0.00394	PASS			
				30	1.09	0.00063	PASS			
				40	-3.89	-0.00225	PASS			
		50	7.15	0.00413	PASS					
		HCH	VN	-30	-2.93	-0.00168	PASS			
				-20	-0.94	-0.00054	PASS			
				-10	1.03	0.00059	PASS			
				0	1.24	0.00071	PASS			
10	4.91			0.00281	PASS					
20	8.47			0.00485	PASS					
30	6.38			0.00366	PASS					
20					-30	0.44	0.00026	PASS		
					-20	-2.63	-0.00153	PASS		
					-10	-2.7	-0.00157	PASS		
					0	-0.57	-0.00033	PASS		
					10	-4.43	-0.00258	PASS		
					20	10.46	0.00608	PASS		
					30	3.2	0.00186	PASS		
					40	2.62	0.00152	PASS		
					50	0.87	0.00051	PASS		
							-30	-4.65	-0.00268	PASS
							-20	-7.28	-0.0042	PASS
							-10	-5.39	-0.00311	PASS
							0	-8.15	-0.0047	PASS
							10	-4.91	-0.00283	PASS
							20	-6.82	-0.00394	PASS
							30	1.09	0.00063	PASS
							40	-3.89	-0.00225	PASS
							50	7.15	0.00413	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	1.4	LCH	VN	40	-11.77	-0.00674	PASS
					50	10.83	0.00621	PASS
					-30	-7.11	-0.00416	PASS
					-20	-1.54	-0.0009	PASS
					-10	-6.75	-0.00395	PASS
					0	-21.07	-0.01232	PASS
					10	-8.68	-0.00507	PASS
					20	-10.97	-0.00641	PASS
					30	-5.21	-0.00305	PASS
			40	-14.78	-0.00864	PASS		
			50	-25.89	-0.01513	PASS		
			MCH	VN	-30	-0.44	-0.00025	PASS
					-20	-5.91	-0.00341	PASS
					-10	7.41	0.00428	PASS
					0	-5.55	-0.0032	PASS
					10	-5.61	-0.00324	PASS
					20	-4.09	-0.00236	PASS
					30	-6.39	-0.00369	PASS
		40			-27.31	-0.01576	PASS	
		50	-10.09	-0.00582	PASS			
		HCH	VN	-30	7.6	0.00433	PASS	
				-20	2.03	0.00116	PASS	
				-10	3.63	0.00207	PASS	
				0	-9.34	-0.00532	PASS	
				10	12.33	0.00703	PASS	
				20	-6.09	-0.00347	PASS	
				30	-5.88	-0.00335	PASS	
				40	12.92	0.00736	PASS	
		50	9.11	0.00519	PASS			
		3	LCH	VN	-30	-10.26	-0.00599	PASS
					-20	-8.97	-0.00524	PASS
					-10	9.04	0.00528	PASS
					0	1.49	0.00087	PASS
10	20.1				0.01174	PASS		
20	8.14				0.00476	PASS		
30	-0.26				-0.00015	PASS		
40	-0.37				-0.00022	PASS		
50	-2.99				-0.00175	PASS		
MCH	VN		-30	-7.41	-0.00428	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	-9.03	-0.00521	PASS		
					-10	-2.33	-0.00134	PASS		
					0	1.09	0.00063	PASS		
					10	-16.95	-0.00978	PASS		
					20	-9.74	-0.00562	PASS		
					30	2.03	0.00117	PASS		
					40	-0.17	-0.0001	PASS		
					50	-2.27	-0.00131	PASS		
			HCH	VN	-30	4.11	0.00234	PASS		
					-20	6.34	0.00362	PASS		
					-10	-12.12	-0.00691	PASS		
					0	-8.33	-0.00475	PASS		
					10	8.75	0.00499	PASS		
					20	-16.14	-0.0092	PASS		
					30	11.39	0.0065	PASS		
					40	1.66	0.00095	PASS		
			LCH	VN	-30	-2.89	-0.00169	PASS		
					-20	-4.05	-0.00236	PASS		
					-10	7.58	0.00443	PASS		
					0	-11.74	-0.00686	PASS		
		10			-21.49	-0.01255	PASS			
		20			13.18	0.0077	PASS			
		30			-5.09	-0.00297	PASS			
		40			10.41	0.00608	PASS			
		MCH	VN	-30	-22.62	-0.01306	PASS			
				-20	-2.93	-0.00169	PASS			
				-10	-6.35	-0.00367	PASS			
				0	2.75	0.00159	PASS			
				10	-9.37	-0.00541	PASS			
				20	-14.12	-0.00815	PASS			
				30	-4.92	-0.00284	PASS			
				40	-13.13	-0.00758	PASS			
		HCH	VN	-30	11.83	0.00675	PASS			
				-20	-0.51	-0.00029	PASS			
				-10	-8.55	-0.00488	PASS			
				0	11.54	0.00658	PASS			
		5					-30	-2.89	-0.00169	PASS
							-20	-4.05	-0.00236	PASS
							-10	7.58	0.00443	PASS
							0	-11.74	-0.00686	PASS
10	-21.49						-0.01255	PASS		
20	13.18						0.0077	PASS		
30	-5.09						-0.00297	PASS		
40	10.41						0.00608	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-4.42	-0.00252	PASS
					20	7.21	0.00411	PASS
					30	6.67	0.00381	PASS
					40	9.9	0.00565	PASS
					50	-15.59	-0.0089	PASS
		10	LCH	VN	-30	4.72	0.00275	PASS
					-20	2.88	0.00168	PASS
					-10	-8.94	-0.00521	PASS
					0	-10.24	-0.00597	PASS
					10	-13.02	-0.00759	PASS
					20	-15.64	-0.00912	PASS
					30	1.16	0.00068	PASS
					40	0.96	0.00056	PASS
					50	7.17	0.00418	PASS
					MCH	VN	-30	0.04
			-20	-0.64			-0.00037	PASS
			-10	0.46			0.00027	PASS
			0	3.59			0.00207	PASS
			10	3.62			0.00209	PASS
			20	0.46			0.00027	PASS
			30	-0.8			-0.00046	PASS
			40	-3.39			-0.00196	PASS
			HCH	VN	-30	15.03	0.00859	PASS
					-20	6.97	0.00398	PASS
					-10	7.2	0.00411	PASS
					0	-2.65	-0.00151	PASS
					10	7.84	0.00448	PASS
					20	-3.35	-0.00191	PASS
		30			-2.53	-0.00145	PASS	
		15	LCH	VN	-30	5.16	0.003	PASS
					-20	-2.43	-0.00141	PASS
					-10	-7.91	-0.00461	PASS
					0	-5.04	-0.00293	PASS
10	-3.99				-0.00232	PASS		
20	11.86				0.00691	PASS		
30	-3.43				-0.002	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					40	2.22	0.00129	PASS	
					50	-3.81	-0.00222	PASS	
			MCH	VN	-30	3.28	0.00189	PASS	
					-20	-11.9	-0.00687	PASS	
					-10	4.12	0.00238	PASS	
					0	-4.46	-0.00257	PASS	
					10	-0.59	-0.00034	PASS	
					20	-4.45	-0.00257	PASS	
					30	-5.98	-0.00345	PASS	
					40	3.86	0.00223	PASS	
					50	4.41	0.00255	PASS	
					HCH	VN	-30	-0.9	-0.00052
			-20	0.23			0.00013	PASS	
			-10	1.16			0.00066	PASS	
			0	-1.46			-0.00084	PASS	
			10	-0.47			-0.00027	PASS	
			20	-11.67			-0.00668	PASS	
			30	7.75			0.00443	PASS	
		40	-1.06	-0.00061			PASS		
		20		LCH	VN	-30	-1.27	-0.00074	PASS
						-20	2.09	0.00122	PASS
						-10	5.49	0.00319	PASS
						0	1.32	0.00077	PASS
						10	0.67	0.00039	PASS
						20	3.95	0.0023	PASS
						30	2.8	0.00163	PASS
						40	-2.43	-0.00141	PASS
						50	-1.29	-0.00075	PASS
						MCH	VN	-30	-5.61
				-20	-1.56			-0.0009	PASS
				-10	-4.38			-0.00253	PASS
				0	-4.12			-0.00238	PASS
				10	3.63			0.0021	PASS
				20	5.21			0.00301	PASS
				30	-1.57			-0.00091	PASS
				40	12.19			0.00704	PASS
HCH	VN			-30	-10.23	-0.00586	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-0.51	-0.00029	PASS
					-10	2.07	0.00119	PASS
					0	9.46	0.00542	PASS
					10	8.67	0.00497	PASS
					20	5.44	0.00312	PASS
					30	4.31	0.00247	PASS
					40	4.26	0.00244	PASS
					50	-7.87	-0.00451	PASS
BAND5	LTE/TM1	1.4	LCH	VN	-30	-8.48	-0.01028	PASS
					-20	3.26	0.00395	PASS
					-10	5.46	0.00662	PASS
					0	1.3	0.00158	PASS
					10	-6.85	-0.00831	PASS
					20	3.13	0.0038	PASS
					30	15.38	0.01865	PASS
					40	4.08	0.00495	PASS
			50	-10.26	-0.01244	PASS		
			MCH	VN	-30	10.74	0.01284	PASS
					-20	-3.69	-0.00441	PASS
					-10	21.53	0.02574	PASS
					0	-16.06	-0.0192	PASS
					10	-20.7	-0.02475	PASS
					20	6.71	0.00802	PASS
					30	-6.18	-0.00739	PASS
		40			8.05	0.00962	PASS	
		50	10.09	0.01206	PASS			
		HCH	VN	-30	23.16	0.0273	PASS	
				-20	0.13	0.00015	PASS	
				-10	1.63	0.00192	PASS	
				0	-1.54	-0.00182	PASS	
				10	6.65	0.00784	PASS	
				20	-2.89	-0.00341	PASS	
				30	2.06	0.00243	PASS	
				40	4.52	0.00533	PASS	
		50	-16.87	-0.01989	PASS			
		3	LCH	VN	-30	-4.79	-0.0058	PASS
-20	0.43				0.00052	PASS		
-10	-10.56				-0.01279	PASS		
0	-3.82				-0.00463	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	6.34	0.00768	PASS
					20	-4.51	-0.00546	PASS
					30	-6.02	-0.00729	PASS
					40	6.25	0.00757	PASS
					50	-7.24	-0.00877	PASS
			MCH	VN	-30	-1.63	-0.00195	PASS
					-20	21.9	0.02618	PASS
					-10	-13.36	-0.01597	PASS
					0	-14.88	-0.01779	PASS
					10	3.46	0.00414	PASS
					20	-17.87	-0.02136	PASS
					30	-12.76	-0.01525	PASS
					40	8.75	0.01046	PASS
					50	-7.55	-0.00903	PASS
					HCH	VN	-30	2.57
			-20	-6.49			-0.00766	PASS
			-10	0.82			0.00097	PASS
			0	-4.48			-0.00529	PASS
			10	-0.66			-0.00078	PASS
			20	4.99			0.00589	PASS
		30	6.84	0.00807			PASS	
		40	-5.08	-0.00599			PASS	
		5	LCH	VN	-30	4.23	0.00512	PASS
					-20	18	0.02178	PASS
					-10	18.35	0.0222	PASS
					0	5.22	0.00632	PASS
					10	8.14	0.00985	PASS
					20	-3.79	-0.00459	PASS
					30	5.61	0.00679	PASS
					40	13.78	0.01667	PASS
			MCH	VN	-30	4.19	0.00501	PASS
					-20	22.34	0.02671	PASS
					-10	-0.82	-0.00098	PASS
					0	13.99	0.01672	PASS
					10	-11.2	-0.01339	PASS
					20	13.33	0.01594	PASS
30	1.59				0.0019	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	7.01	0.00838	PASS
					50	15.48	0.01851	PASS
			HCH	VN	-30	-7.27	-0.00859	PASS
					-20	-2.32	-0.00274	PASS
					-10	2.65	0.00313	PASS
					0	-0.7	-0.00083	PASS
					10	-1.96	-0.00232	PASS
					20	-1.12	-0.00132	PASS
					30	8.93	0.01055	PASS
					40	4.05	0.00478	PASS
					50	-13.73	-0.01622	PASS
			LCH	VN	-30	5.71	0.00689	PASS
					-20	-9.97	-0.01203	PASS
					-10	-3.71	-0.00448	PASS
					0	2.33	0.00281	PASS
		10			-5.82	-0.00702	PASS	
		20			3.02	0.00364	PASS	
		30			9.6	0.01158	PASS	
		40			3.33	0.00402	PASS	
		50			5.18	0.00625	PASS	
		MCH	VN	-30	5.69	0.0068	PASS	
				-20	15.75	0.01883	PASS	
				-10	5.05	0.00604	PASS	
				0	3.65	0.00436	PASS	
				10	3.76	0.00449	PASS	
				20	-4.79	-0.00573	PASS	
				30	-3.99	-0.00477	PASS	
				40	-12.79	-0.01529	PASS	
				50	-6.28	-0.00751	PASS	
		HCH	VN	-30	20.86	0.02472	PASS	
				-20	-1.02	-0.00121	PASS	
				-10	-2.35	-0.00278	PASS	
				0	-4.86	-0.00576	PASS	
10	2.06			0.00244	PASS			
20	-3.58			-0.00424	PASS			
30	5.22			0.00618	PASS			
40	1.09			0.00129	PASS			
50	5.06			0.006	PASS			
LTE/TM2	1.4	LCH	VN	-30	-13.68	-0.01659	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	-11.26	-0.01365	PASS	
					-10	-3.36	-0.00407	PASS	
					0	-3.86	-0.00468	PASS	
					10	-12.26	-0.01487	PASS	
					20	-8.37	-0.01015	PASS	
					30	13.38	0.01622	PASS	
					40	11.62	0.01409	PASS	
					50	1.49	0.00181	PASS	
			MCH	VN	-30	-2.72	-0.00325	PASS	
					-20	-4.69	-0.00561	PASS	
					-10	-7.22	-0.00863	PASS	
					0	3.12	0.00373	PASS	
					10	-13.2	-0.01578	PASS	
					20	-2.22	-0.00265	PASS	
					30	0.14	0.00017	PASS	
					40	8.65	0.01034	PASS	
			HCH	VN	-30	3.06	0.00361	PASS	
					-20	5.01	0.00591	PASS	
					-10	-3.71	-0.00437	PASS	
					0	12.32	0.01452	PASS	
					10	0.27	0.00032	PASS	
					20	-1.23	-0.00145	PASS	
					30	9.13	0.01076	PASS	
					40	13.06	0.0154	PASS	
			3	LCH	VN	-30	-2.36	-0.00286	PASS
						-20	-4.05	-0.00491	PASS
						-10	1.62	0.00196	PASS
						0	-2.27	-0.00275	PASS
		10				2.16	0.00262	PASS	
		20				5.02	0.00608	PASS	
		30				4.43	0.00537	PASS	
		40				5.19	0.00629	PASS	
		MCH		VN	-30	-4.59	-0.00549	PASS	
					-20	3.76	0.00449	PASS	
					-10	7.58	0.00906	PASS	
					0	0.01	0.00001	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				VN	10	0.37	0.00044	PASS
					20	10.24	0.01224	PASS
					30	2.16	0.00258	PASS
					40	-6.38	-0.00763	PASS
					50	1.67	0.002	PASS
			HCH		-30	10.51	0.0124	PASS
					-20	-3.75	-0.00442	PASS
					-10	-10	-0.0118	PASS
					0	7.85	0.00926	PASS
					10	0.41	0.00048	PASS
					20	4.12	0.00486	PASS
					30	11.04	0.01303	PASS
					40	-7.41	-0.00874	PASS
					50	-8.23	-0.00971	PASS
					LCH	-30	21.93	0.02653
			-20			-1.83	-0.00221	PASS
			-10			6.34	0.00767	PASS
			0			18.3	0.02214	PASS
			10			10.17	0.0123	PASS
			20			2.02	0.00244	PASS
		30	10.84	0.01312		PASS		
		40	20.41	0.02469		PASS		
		MCH	50	7.14	0.00864	PASS		
			-30	-0.34	-0.00041	PASS		
			-20	13.07	0.01562	PASS		
			-10	1.83	0.00219	PASS		
			0	3.06	0.00366	PASS		
			10	10.16	0.01215	PASS		
			20	13.03	0.01558	PASS		
			30	10.87	0.01299	PASS		
		HCH	40	12.49	0.01493	PASS		
			50	18.21	0.02177	PASS		
			-30	23.92	0.02826	PASS		
			-20	-2.49	-0.00294	PASS		
			-10	-14.28	-0.01687	PASS		
			0	-2.43	-0.00287	PASS		
			10	-3.13	-0.0037	PASS		
		20	-0.74	-0.00087	PASS			
		30	-1	-0.00118	PASS			
		5				VN	-30	21.93
-20	-1.83						-0.00221	PASS
-10	6.34						0.00767	PASS
0	18.3						0.02214	PASS
10	10.17						0.0123	PASS
20	2.02						0.00244	PASS
30	10.84						0.01312	PASS
40	20.41						0.02469	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					40	-0.09	-0.00011	PASS		
					50	-14.85	-0.01754	PASS		
		10	LCH	VN	-30	-8.23	-0.00993	PASS		
					-20	-4.52	-0.00545	PASS		
					-10	-5.54	-0.00668	PASS		
					0	-5.11	-0.00616	PASS		
					10	-4.18	-0.00504	PASS		
					20	-9.94	-0.01199	PASS		
					30	-4.73	-0.00571	PASS		
					40	3.12	0.00376	PASS		
					50	-13.09	-0.01579	PASS		
					MCH	VN	-30	-0.33	-0.00039	PASS
		-20	15.12	0.01808			PASS			
		-10	-2.73	-0.00326			PASS			
		0	1.57	0.00188			PASS			
		10	1.82	0.00218			PASS			
		20	-3.42	-0.00409			PASS			
		30	0.01	0.00001			PASS			
		40	5.71	0.00683			PASS			
		HCH	VN	-30	-4.08	-0.00483	PASS			
				-20	0.34	0.0004	PASS			
				-10	0.99	0.00117	PASS			
				0	-1.86	-0.0022	PASS			
				10	4.01	0.00475	PASS			
				20	6.32	0.00749	PASS			
				30	3.15	0.00373	PASS			
				40	6.19	0.00733	PASS			
		BAND13	LTE/TM1	5	LCH	VN	-30	7.22	0.00926	PASS
							-20	-9.74	-0.0125	PASS
							-10	10.64	0.01365	PASS
0	-5.46						-0.007	PASS		
10	-0.97						-0.00124	PASS		
20	3.95						0.00507	PASS		
30	10.77						0.01382	PASS		
40	11.87						0.01523	PASS		
50	16.02				0.02055	PASS				
MCH	VN				-30	-2.45	-0.00313	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	-0.6	-0.00077	PASS		
					-10	12.3	0.01573	PASS		
					0	11.4	0.01458	PASS		
					10	-11.12	-0.01422	PASS		
					20	4.65	0.00595	PASS		
					30	-6.22	-0.00795	PASS		
					40	10.87	0.0139	PASS		
					50	-0.8	-0.00102	PASS		
			HCH	VN	-30	9.04	0.01152	PASS		
					-20	14.91	0.01901	PASS		
					-10	12.03	0.01533	PASS		
					0	8.28	0.01055	PASS		
					10	6.87	0.00876	PASS		
					20	3.63	0.00463	PASS		
					30	12.77	0.01628	PASS		
					40	5.87	0.00748	PASS		
			LCH	VN	-30	8.73	0.01116	PASS		
					-20	-18.41	-0.02354	PASS		
					-10	-12.79	-0.01636	PASS		
					0	-1.53	-0.00196	PASS		
		10			-0.54	-0.00069	PASS			
		20			1	0.00128	PASS			
		30			3.83	0.0049	PASS			
		40			-3.02	-0.00386	PASS			
		MCH	VN	-30	13.56	0.01734	PASS			
				-20	-13.38	-0.01711	PASS			
				-10	-8.7	-0.01113	PASS			
				0	-11.57	-0.0148	PASS			
				10	-7.02	-0.00898	PASS			
				20	-2.75	-0.00352	PASS			
				30	-3.25	-0.00416	PASS			
				40	-5.55	-0.0071	PASS			
		HCH	VN	-30	1.5	0.00192	PASS			
				-20	-8.04	-0.01028	PASS			
				-10	-18.55	-0.02372	PASS			
				0	2.75	0.00352	PASS			
		10					-30	8.73	0.01116	PASS
							-20	-18.41	-0.02354	PASS
							-10	-12.79	-0.01636	PASS
							0	-1.53	-0.00196	PASS
10	-0.54						-0.00069	PASS		
20	1						0.00128	PASS		
30	3.83						0.0049	PASS		
40	-3.02						-0.00386	PASS		
							-30	13.56	0.01734	PASS
							-20	-13.38	-0.01711	PASS
							-10	-8.7	-0.01113	PASS
							0	-11.57	-0.0148	PASS
							10	-7.02	-0.00898	PASS
							20	-2.75	-0.00352	PASS
							30	-3.25	-0.00416	PASS
							40	-5.55	-0.0071	PASS
							-30	1.5	0.00192	PASS
							-20	-8.04	-0.01028	PASS
							-10	-18.55	-0.02372	PASS
							0	2.75	0.00352	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict				
					10	-16.81	-0.0215	PASS				
					20	-10.81	-0.01382	PASS				
					30	-1.36	-0.00174	PASS				
					40	-3.36	-0.0043	PASS				
					50	-4.65	-0.00595	PASS				
					LTE/TM2	5	LCH	VN	-30	-4.76	-0.00611	PASS
									-20	17.38	0.0223	PASS
									-10	19.31	0.02477	PASS
									0	3.65	0.00468	PASS
									10	6.05	0.00776	PASS
									20	-7.88	-0.01011	PASS
									30	14.98	0.01922	PASS
									40	23.13	0.02967	PASS
									50	2.35	0.00301	PASS
							MCH	VN	-30	-10.07	-0.01288	PASS
	-20	3.35	0.00428	PASS								
	-10	9.57	0.01224	PASS								
	0	-8.21	-0.0105	PASS								
	10	-11.09	-0.01418	PASS								
	20	10.11	0.01293	PASS								
	30	5.11	0.00653	PASS								
	40	11.89	0.0152	PASS								
	50	2.47	0.00316	PASS								
	HCH	VN	-30	11.82	0.01507	PASS						
			-20	6.14	0.00783	PASS						
			-10	-6.08	-0.00775	PASS						
			0	12.96	0.01652	PASS						
			10	14.91	0.01901	PASS						
			20	-2.05	-0.00261	PASS						
			30	3.59	0.00458	PASS						
			40	9.23	0.01177	PASS						
			50	17.51	0.02232	PASS						
	10	LCH	VN	-30	-2.23	-0.00285	PASS					
-20				-8.4	-0.01074	PASS						
-10				-1.6	-0.00205	PASS						
0				0.41	0.00052	PASS						
10				0.57	0.00073	PASS						
20				3.52	0.0045	PASS						
30				14.63	0.01871	PASS						



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	6.25	0.00799	PASS
					50	2.03	0.0026	PASS
			MCH	VN	-30	3.63	0.00464	PASS
					-20	-0.49	-0.00063	PASS
					-10	11.03	0.0141	PASS
					0	8.93	0.01142	PASS
					10	-3.2	-0.00409	PASS
					20	-2.17	-0.00277	PASS
					30	8.51	0.01088	PASS
					40	0.54	0.00069	PASS
					50	6.95	0.00889	PASS
					HCH	VN	-30	8.1
			-20	-10.73			-0.01372	PASS
			-10	2.32			0.00297	PASS
			0	7.74			0.0099	PASS
			10	2.66			0.0034	PASS
			20	10.2			0.01304	PASS
			30	-1.87			-0.00239	PASS
			40	0.89			0.00114	PASS
			BAND17	LTE/TM1	5	LCH	VN	-30
-20	13.73	0.01943						PASS
-10	6.35	0.00899						PASS
0	5.32	0.00753						PASS
10	0.43	0.00061						PASS
20	-5.02	-0.00711						PASS
30	3.86	0.00546						PASS
40	19.51	0.02762						PASS
50	8.61	0.01219						PASS
MCH	VN	-30						4.82
		-20				12.59	0.01773	PASS
		-10				-3.99	-0.00562	PASS
		0				9.73	0.0137	PASS
		10				-1.89	-0.00266	PASS
		20				13.98	0.01969	PASS
		30				3.81	0.00537	PASS
		40				7.74	0.0109	PASS
50	8.96	0.01262				PASS		
HCH	VN	-30				12.32	0.01727	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict							
					-20	2.83	0.00397	PASS							
					-10	10.1	0.01416	PASS							
					0	11.97	0.01678	PASS							
					10	14.25	0.01997	PASS							
					20	-6.79	-0.00952	PASS							
					30	23	0.03224	PASS							
					40	2.17	0.00304	PASS							
					50	11.96	0.01676	PASS							
					LCH	VN				-30	0.73	0.00103	PASS		
										-20	4.33	0.00611	PASS		
										-10	0.16	0.00023	PASS		
										0	10.91	0.01539	PASS		
										10	8.74	0.01233	PASS		
										20	5.16	0.00728	PASS		
										30	7.9	0.01114	PASS		
		40	3.98	0.00561						PASS					
		50	3.49	0.00492						PASS					
		MCH	VN									-30	3.86	0.00544	PASS
												-20	12.4	0.01746	PASS
												-10	13.26	0.01868	PASS
												0	4.29	0.00604	PASS
												10	4.72	0.00665	PASS
												20	0.69	0.00097	PASS
					30	-0.19	-0.00027	PASS							
					40	7.3	0.01028	PASS							
		HCH	VN				-30	5.15	0.00724	PASS					
							-20	6.34	0.00892	PASS					
							-10	-2.82	-0.00397	PASS					
							0	6.02	0.00847	PASS					
							10	-2	-0.00281	PASS					
							20	7.25	0.0102	PASS					
							30	6.01	0.00845	PASS					
							40	13.45	0.01892	PASS					
		50	4.63	0.00651	PASS										
		LTE/TM2		5	LCH	VN	-30	-2.69	-0.00381	PASS					
	-20						2.56	0.00362	PASS						
	-10						10.19	0.01442	PASS						
	0						6.45	0.00913	PASS						



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		10			10	13.5	0.01911	PASS
					20	8.74	0.01237	PASS
					30	3.68	0.00521	PASS
					40	-3.63	-0.00514	PASS
					50	15.99	0.02263	PASS
			MCH	VN	-30	8.05	0.01134	PASS
					-20	-1.24	-0.00175	PASS
					-10	13.65	0.01923	PASS
					0	0.56	0.00079	PASS
					10	1.09	0.00154	PASS
					20	8.24	0.01161	PASS
					30	9.71	0.01368	PASS
					40	14.61	0.02058	PASS
			HCH	VN	50	3.72	0.00524	PASS
					-30	2.05	0.00287	PASS
					-20	7.52	0.01054	PASS
					-10	-9.03	-0.01266	PASS
					0	10.96	0.01536	PASS
					10	10.14	0.01421	PASS
					20	10.79	0.01512	PASS
			LCH	VN	30	15.09	0.02115	PASS
					40	8.28	0.0116	PASS
					50	1.43	0.002	PASS
					-30	4.06	0.00573	PASS
		-20			9.11	0.01285	PASS	
		-10			9.76	0.01377	PASS	
		0			4.43	0.00625	PASS	
		10			3.96	0.00559	PASS	
		20			-1.14	-0.00161	PASS	
		30			6.65	0.00938	PASS	
		40			10.43	0.01471	PASS	
		50			11.67	0.01646	PASS	
		MCH	VN	-30	9.78	0.01377	PASS	
				-20	3.05	0.0043	PASS	
				-10	-1.56	-0.0022	PASS	
				0	2.83	0.00399	PASS	
10	12.42			0.01749	PASS			
20	2.12			0.00299	PASS			
30	11.5			0.0162	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	9.41	0.01325	PASS
					50	6.72	0.00946	PASS
			HCH	VN	-30	4.98	0.007	PASS
					-20	-2.12	-0.00298	PASS
					-10	8.65	0.01217	PASS
					0	-0.33	-0.00046	PASS
					10	2.96	0.00416	PASS
					20	8.9	0.01252	PASS
					30	7.88	0.01108	PASS
					40	3.48	0.00489	PASS
					50	0.96	0.00135	PASS

END