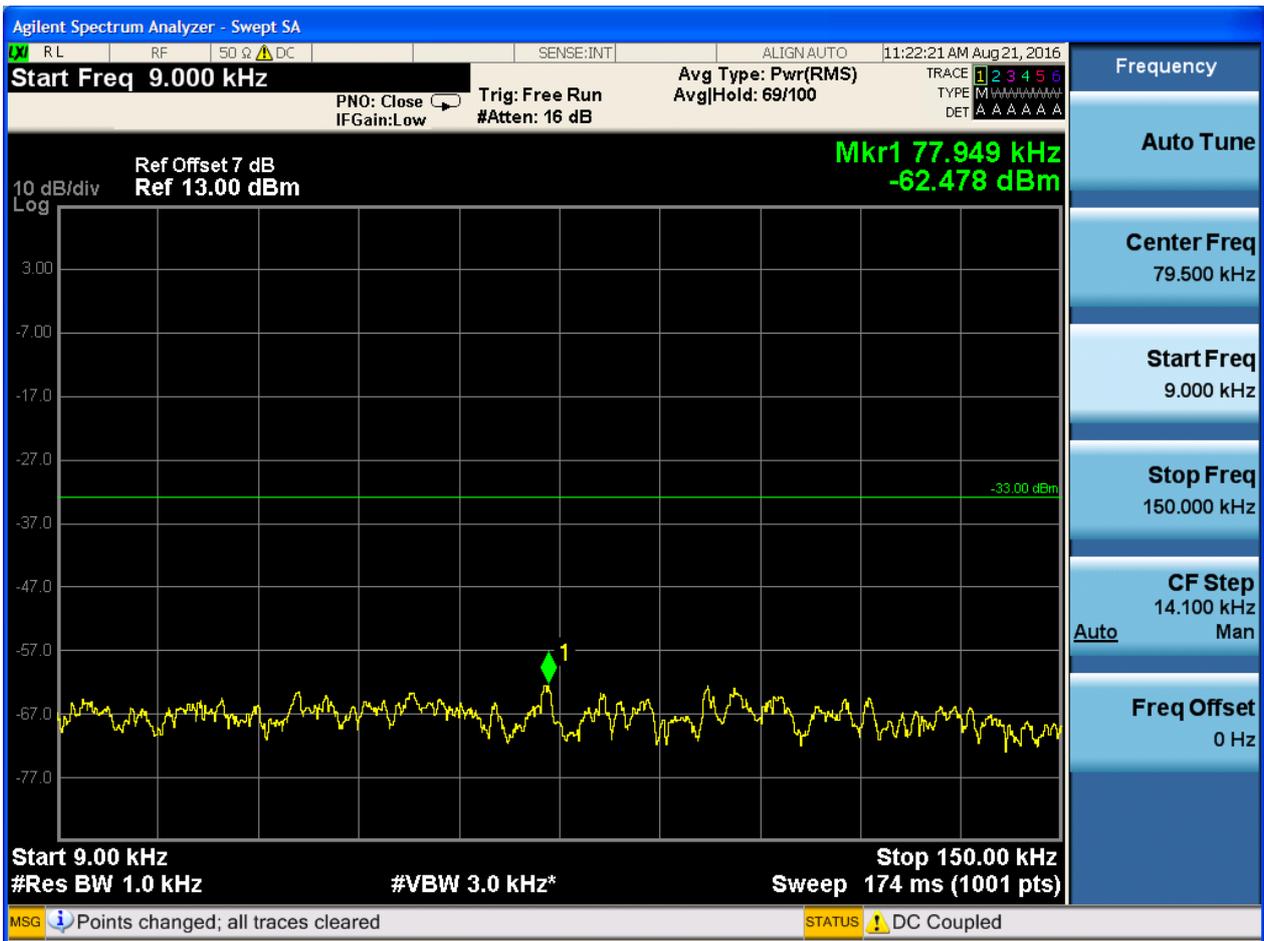




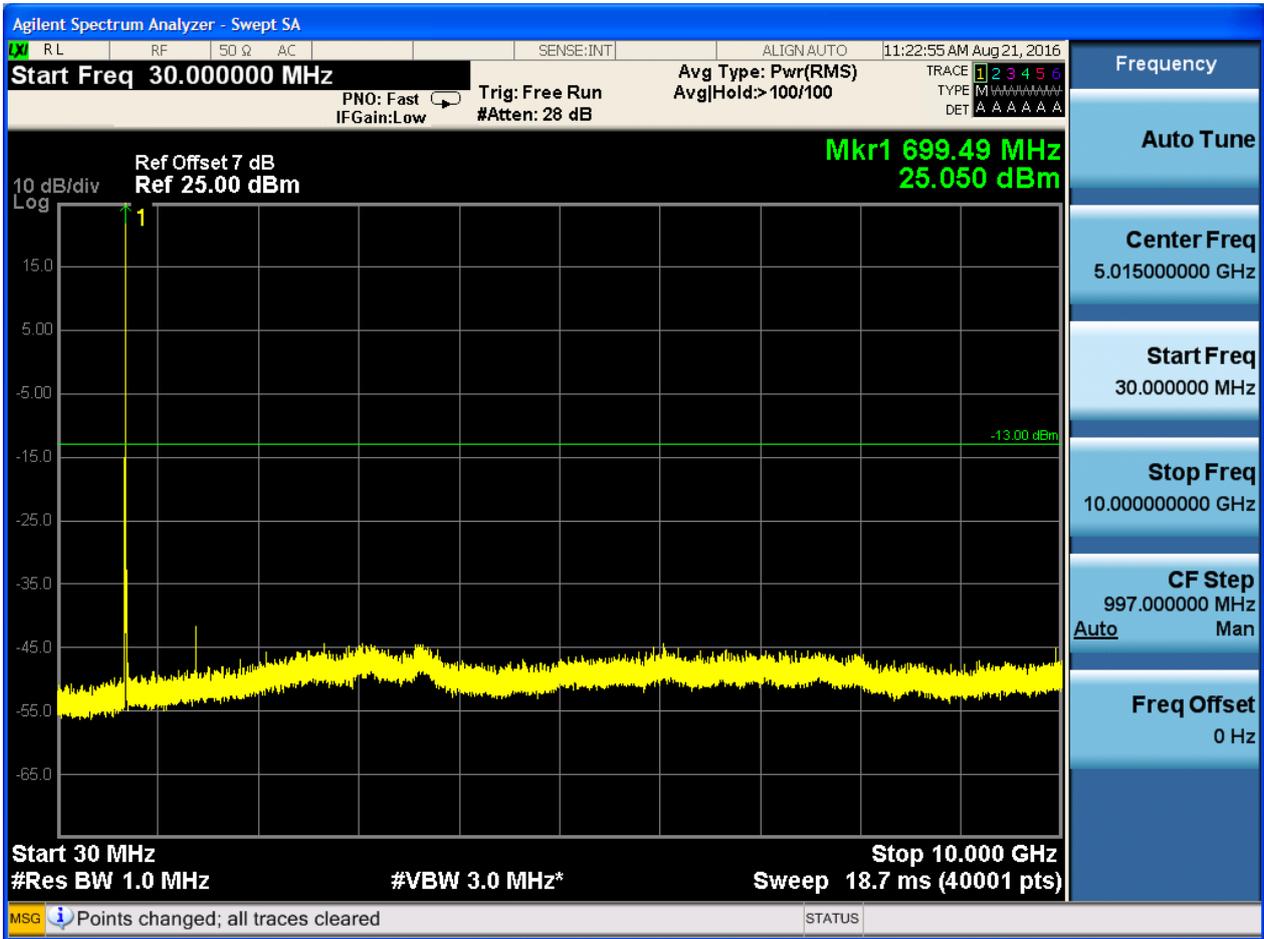
6.1.4.2.4 Test Bandwidth = 10

6.1.4.2.4.1 Test Channel = LCH

6.1.4.2.4.1.1 Test RB = RB1#0

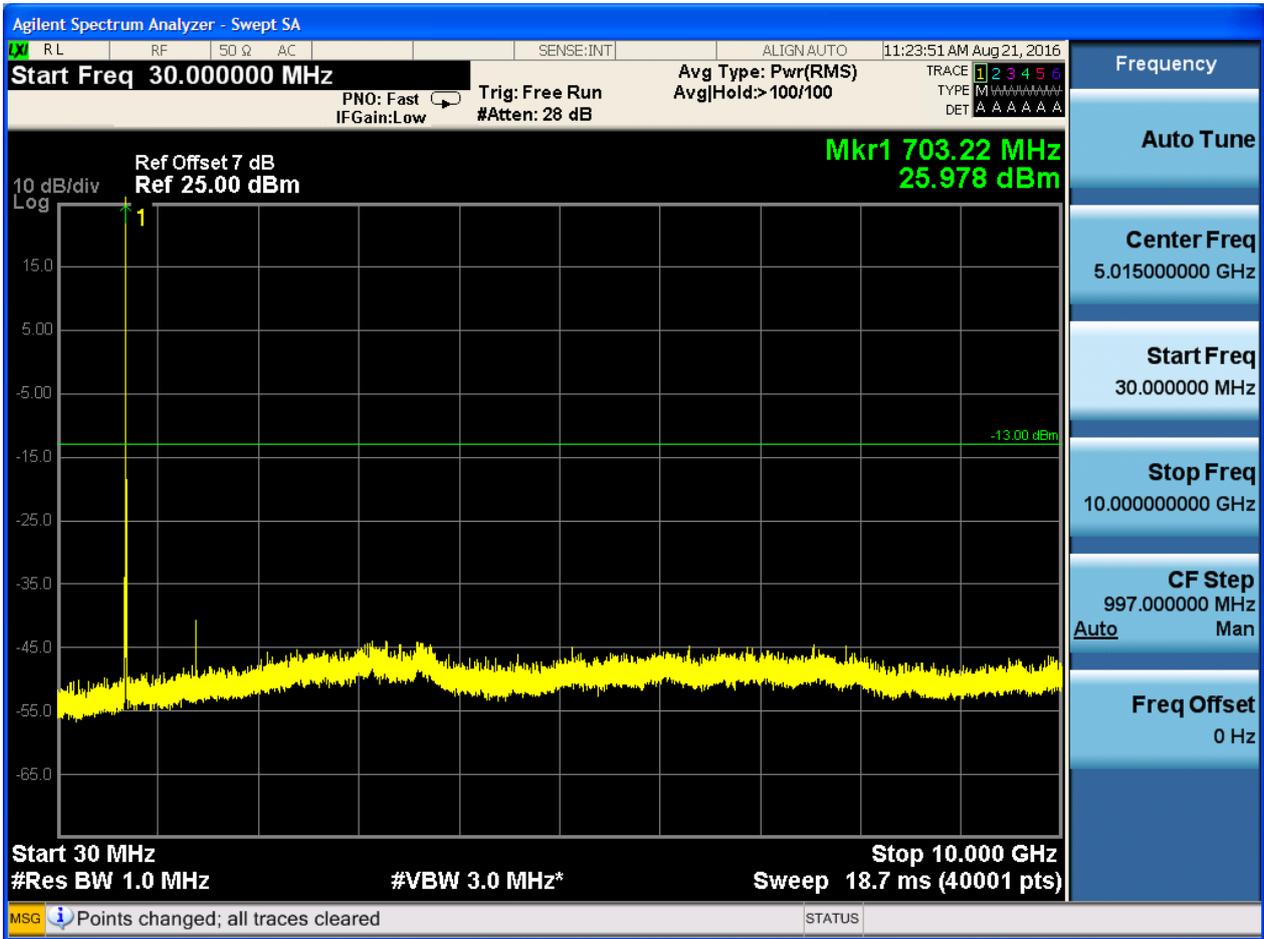








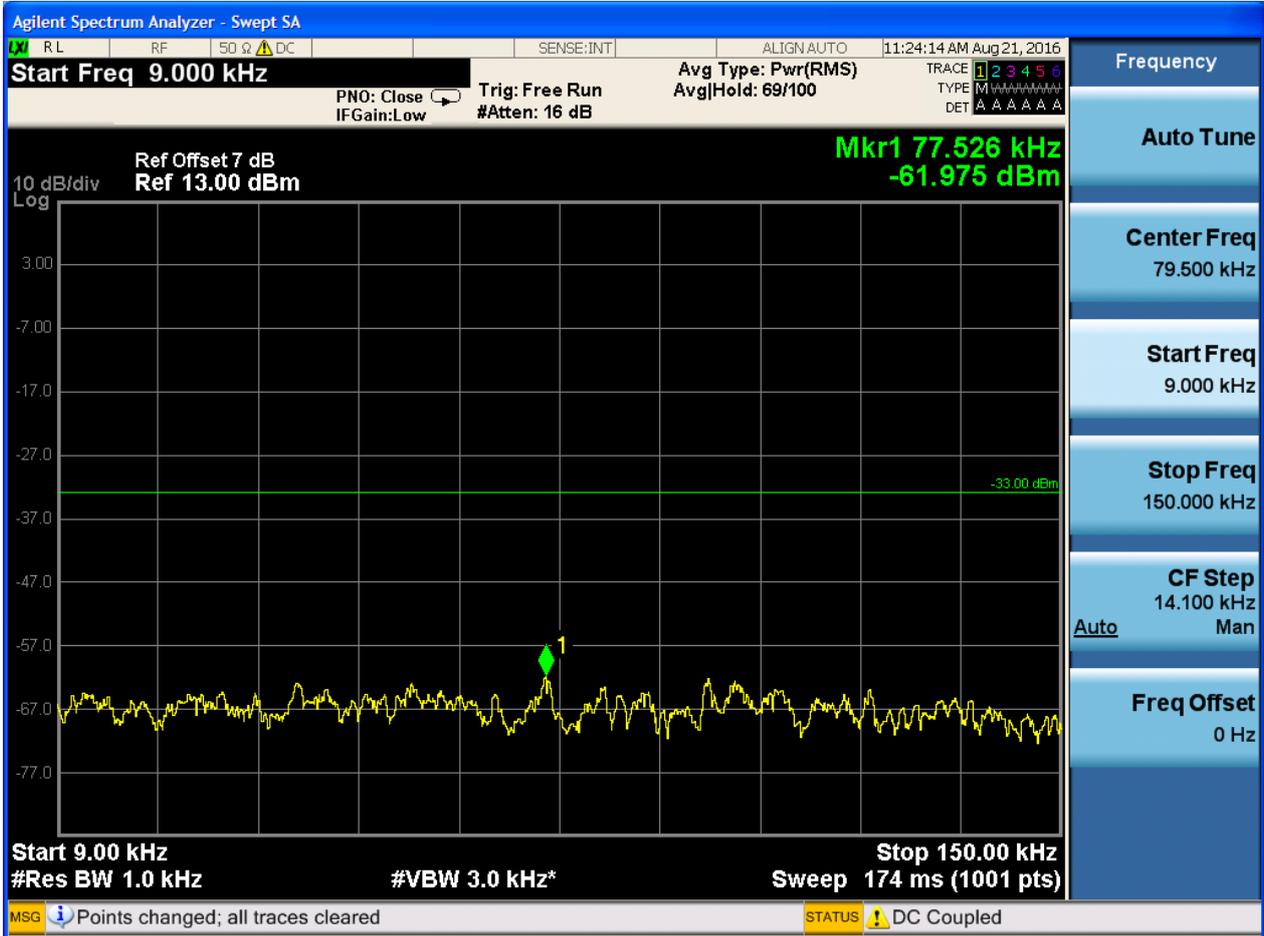


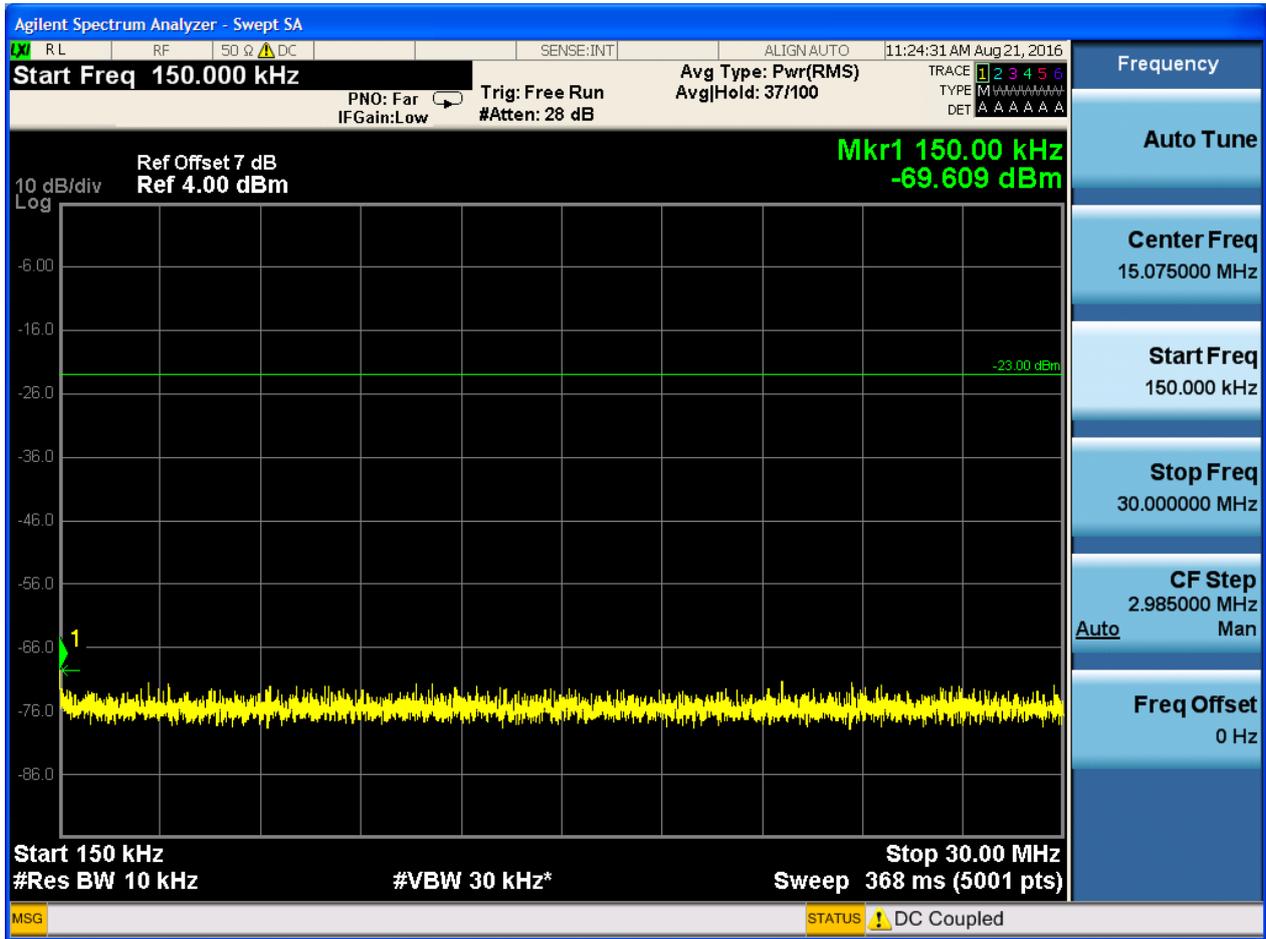


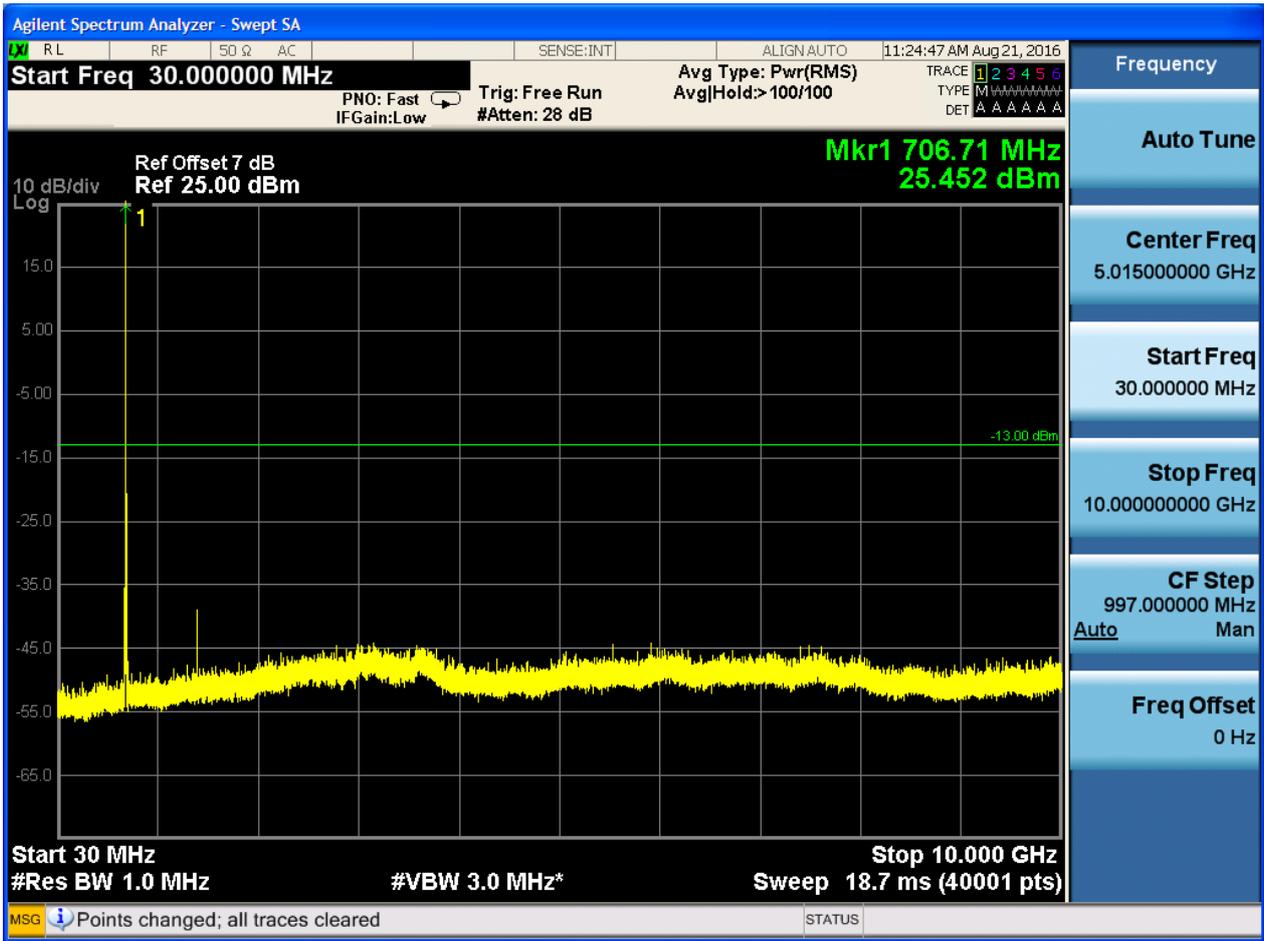


6.1.4.2.4.3 Test Channel = HCH

6.1.4.2.4.3.1 Test RB = RB1#0







## 7Appendix\_G: Field Strength of Spurious Radiation

Note: We tested all modes, but the data presented below is the worst case.

9kHz~150kHz, 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

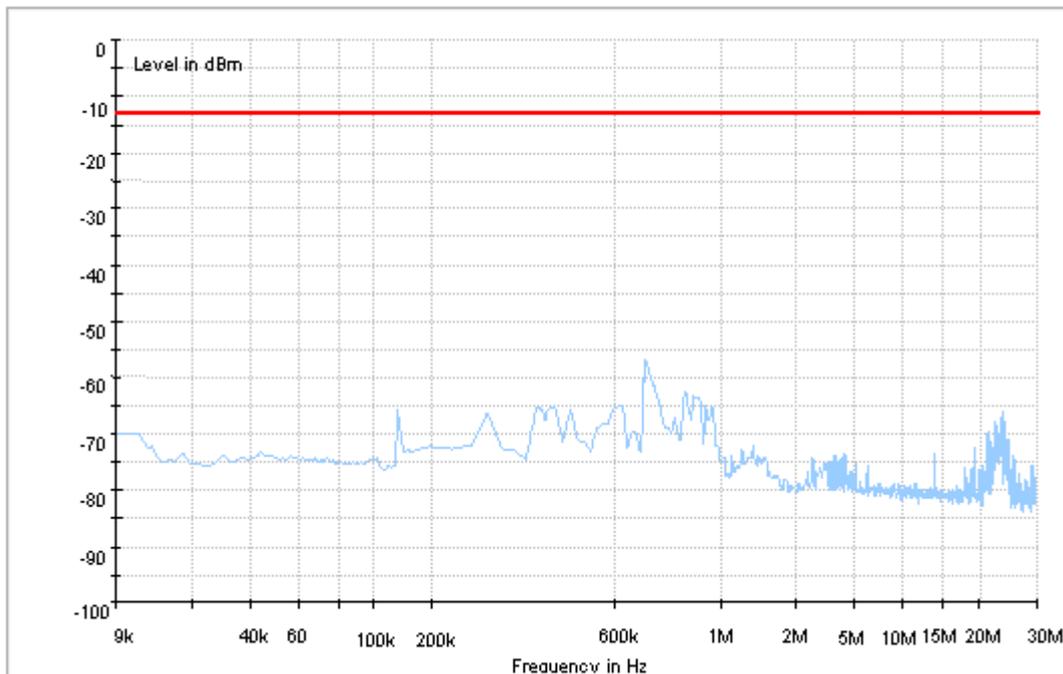
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

### Part I - Test Plots

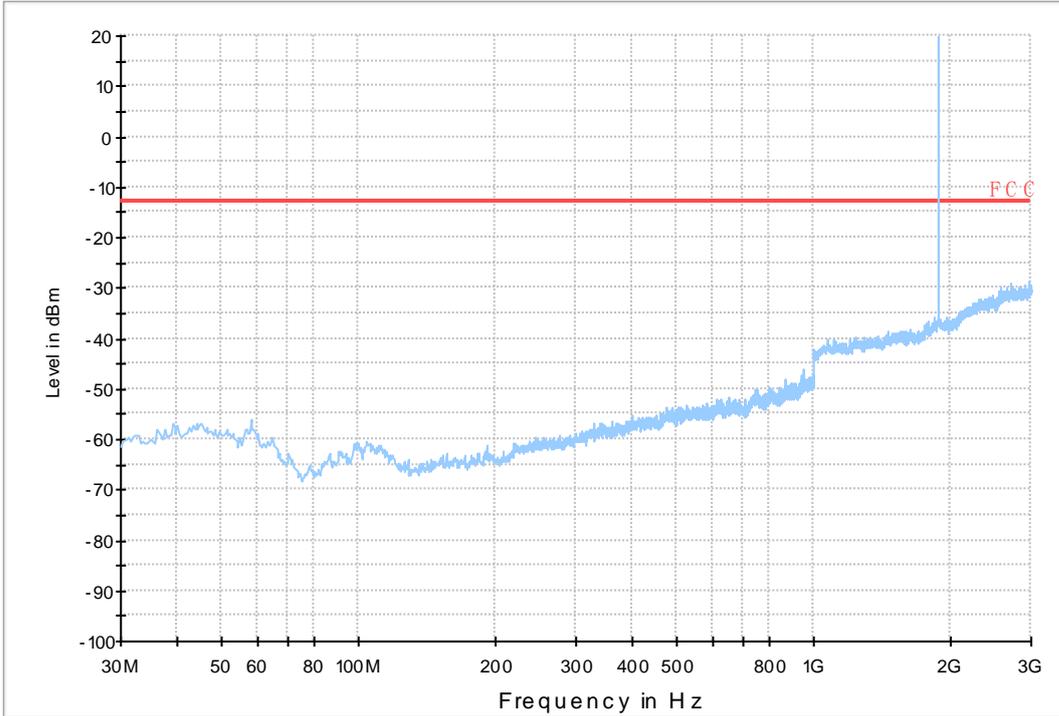
#### 7.1 For LTE

##### 7.1.1 Test Band = BAND2

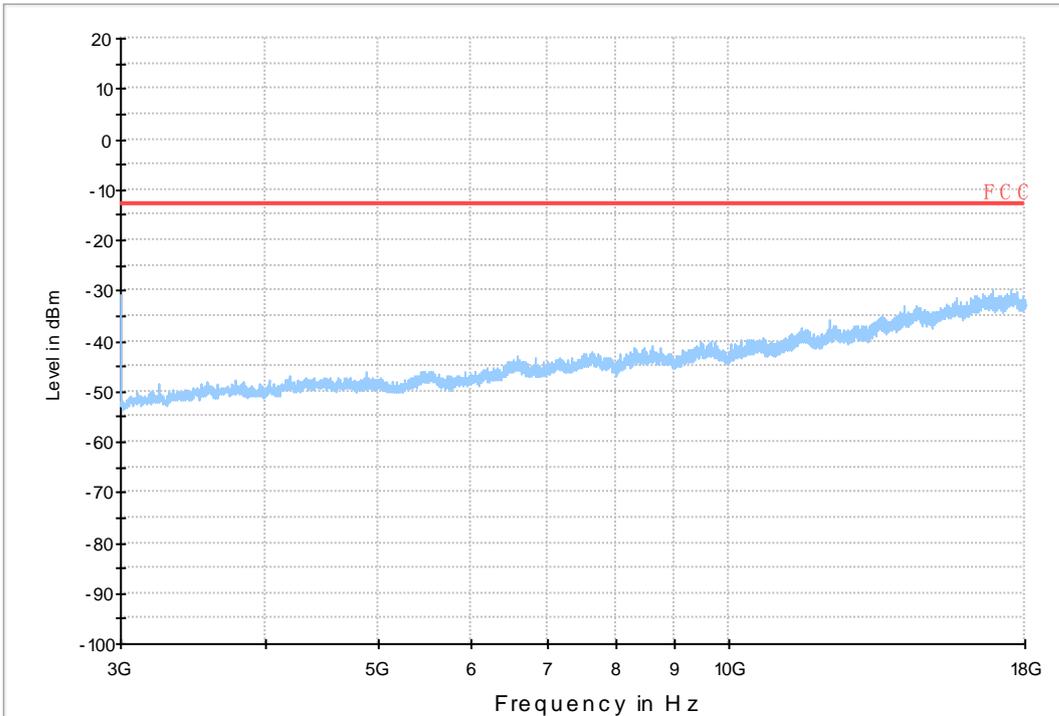
##### 7.1.1.1 Test Bandwidth = 1.4

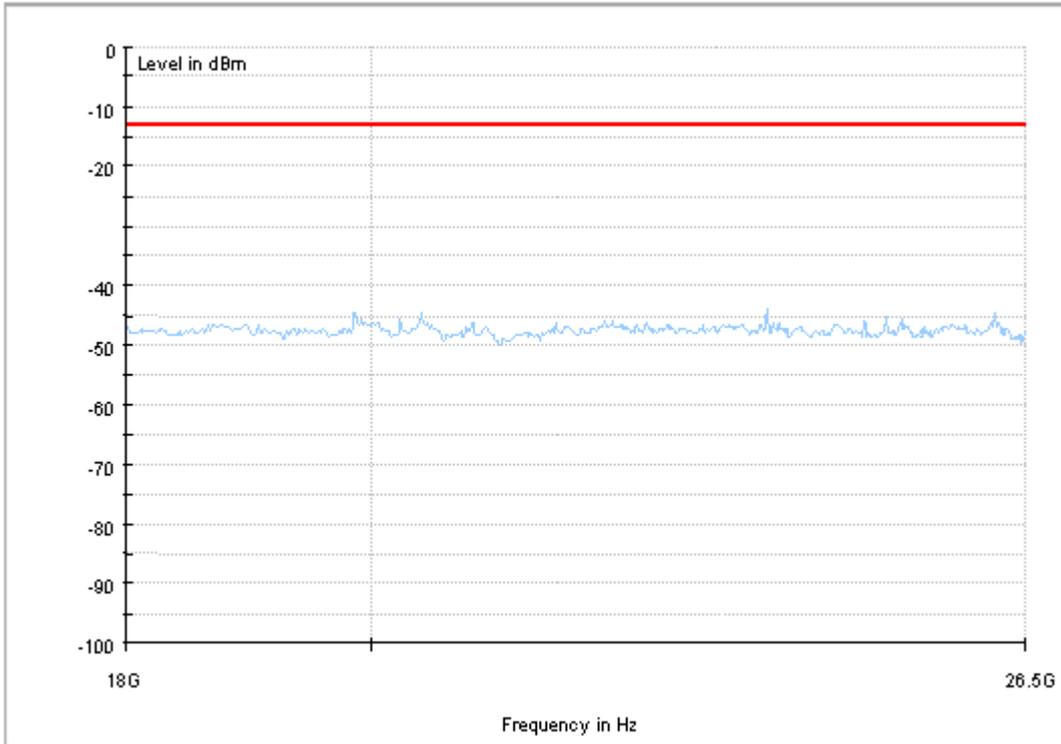


Copy of RSE-TX-DIRECTOR ABOVE 1.5G\_L

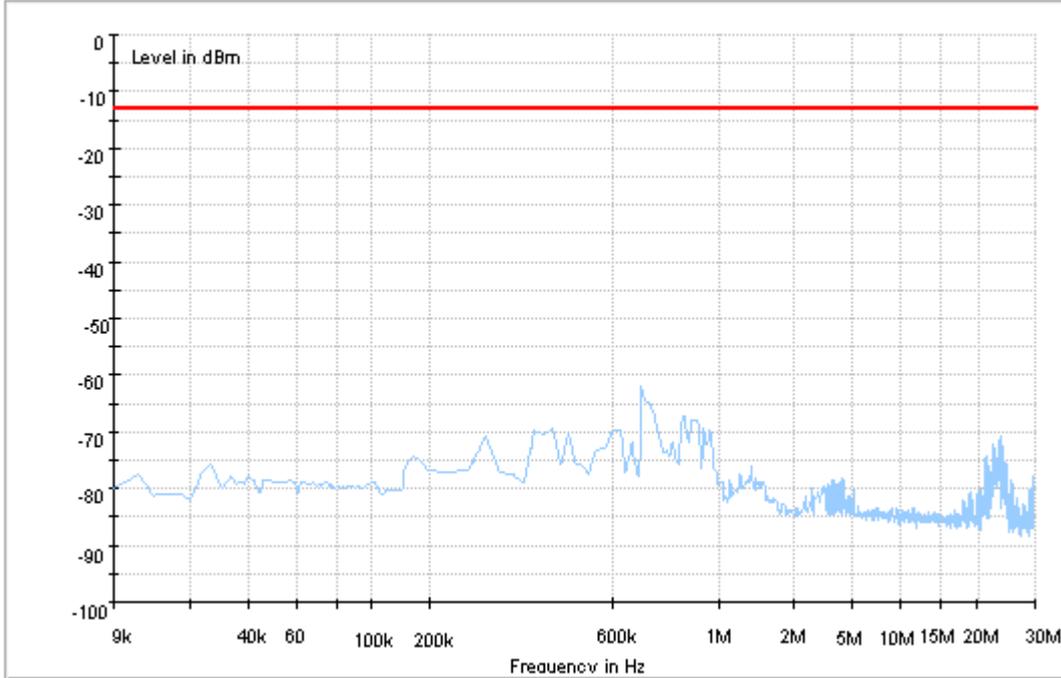


Copy of RSE-TX-DIRECTOR ABOVE 1.5G\_H

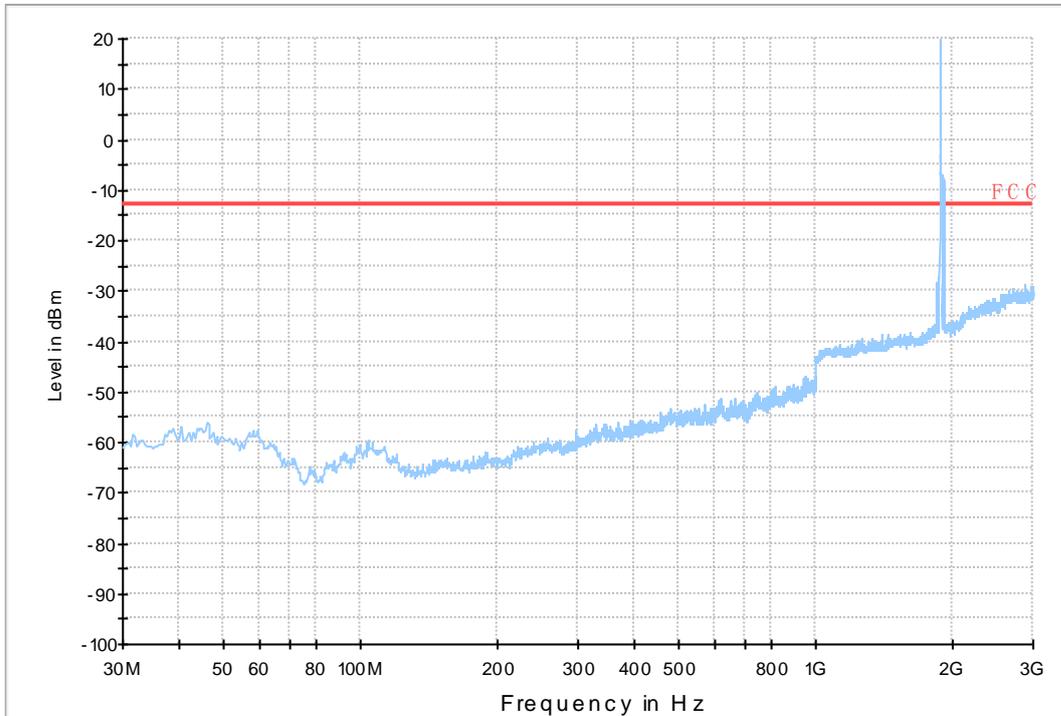




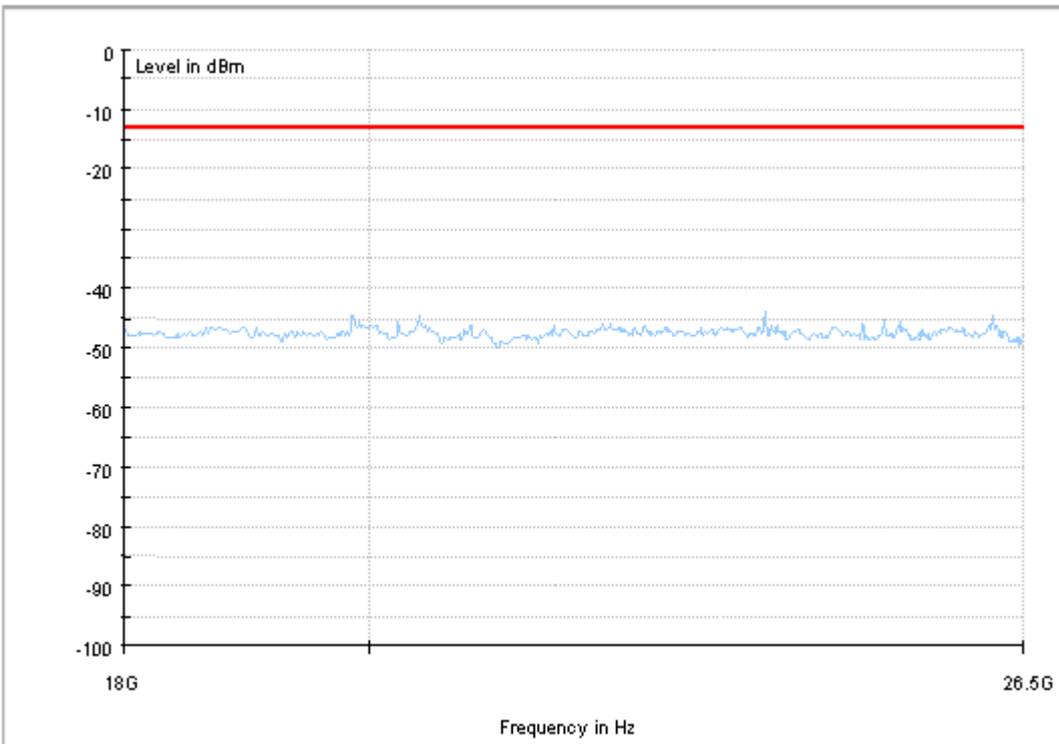
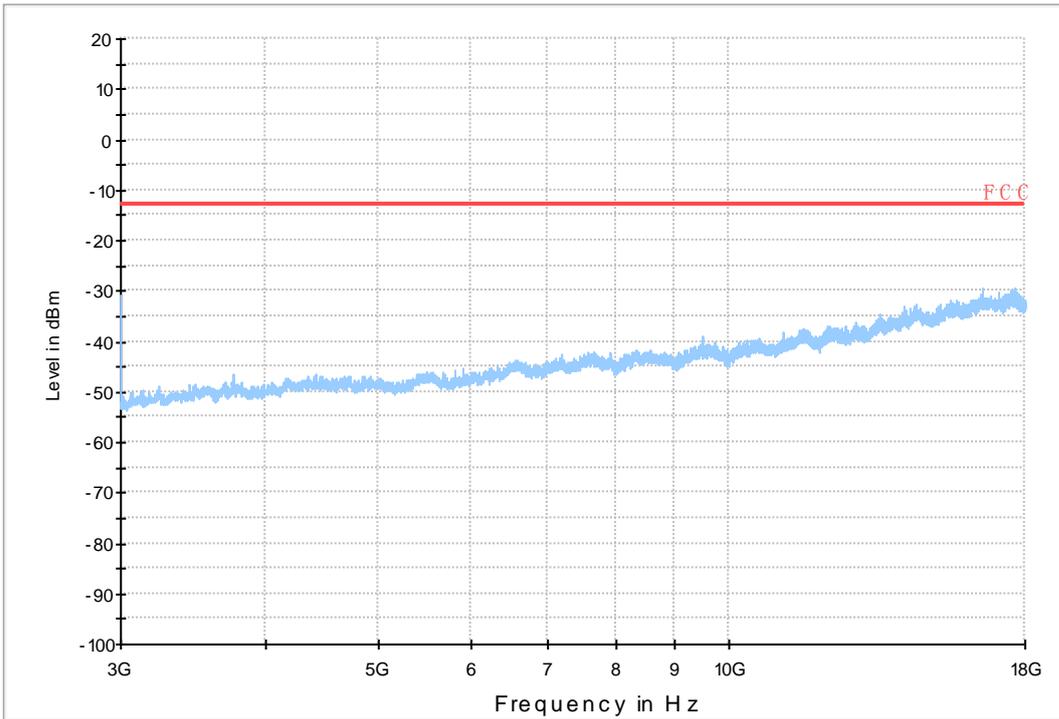
### 7.1.1.3 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G\_L

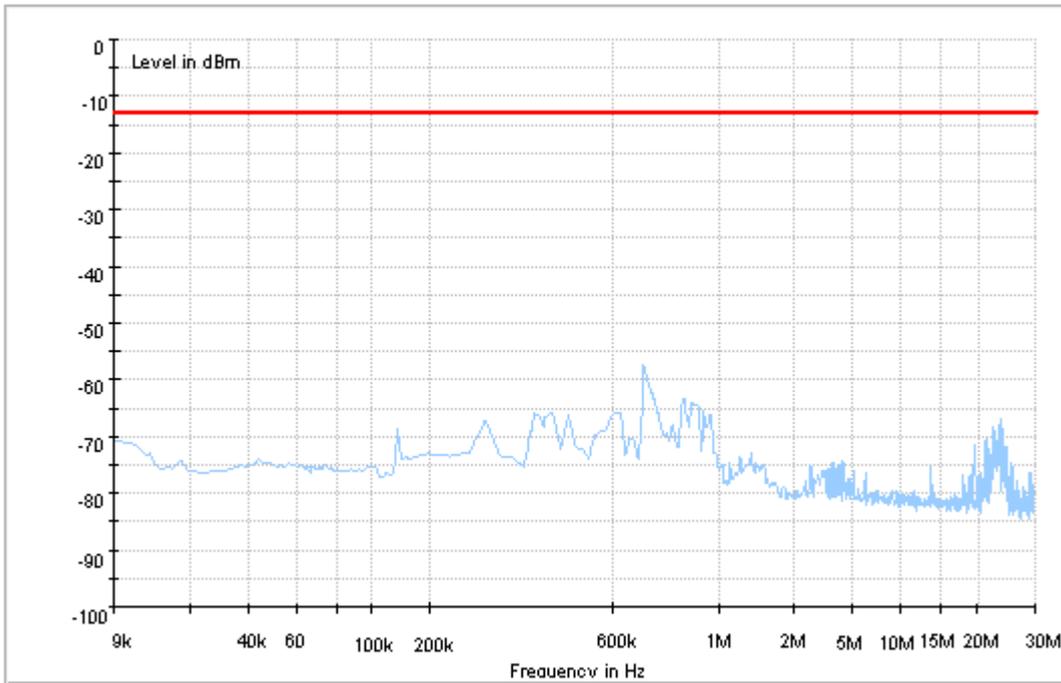


Copy of RSE-TX-DIRECTOR ABOVE 1.5G\_H

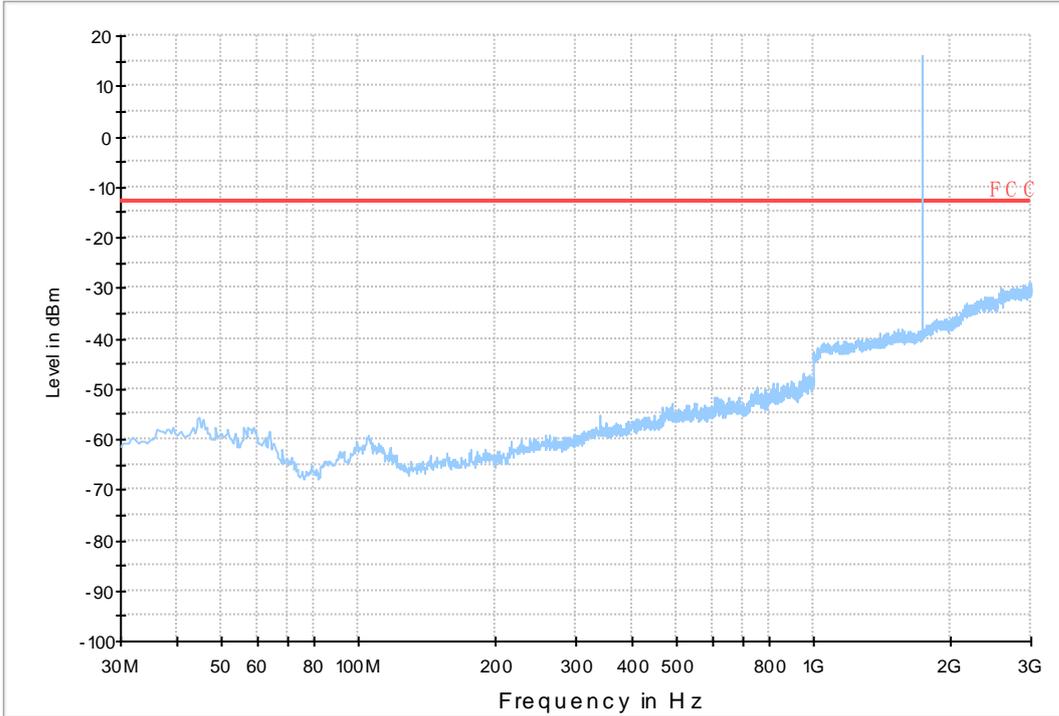


### 7.1.2 Test Band = BAND4

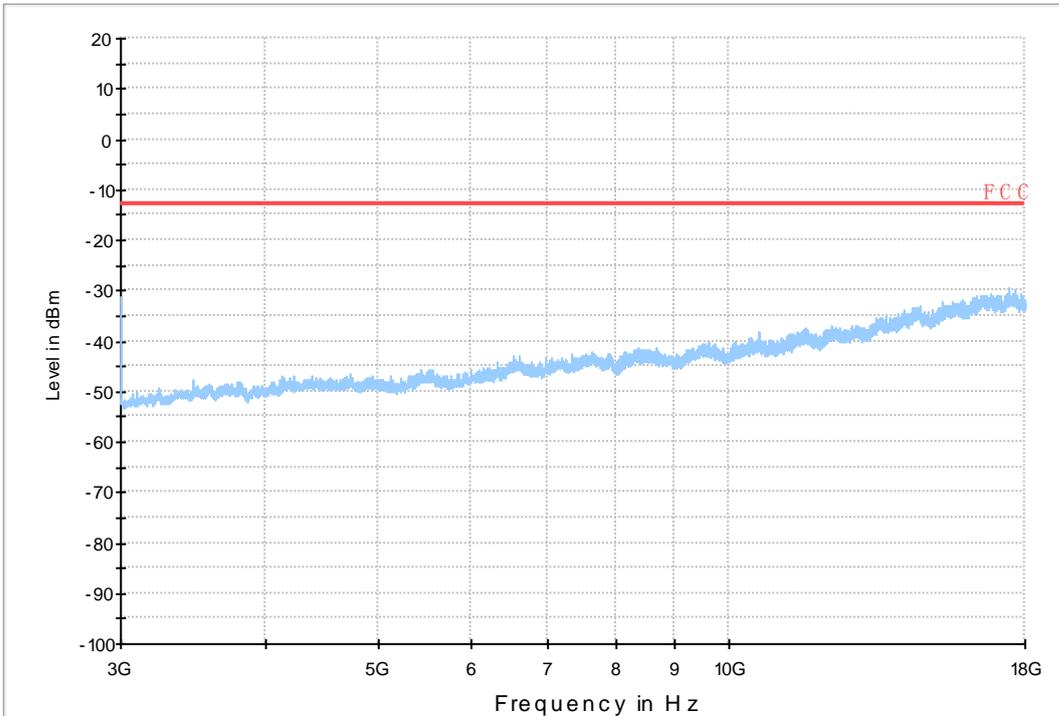
#### 7.1.2.1 Test Bandwidth = 1.4

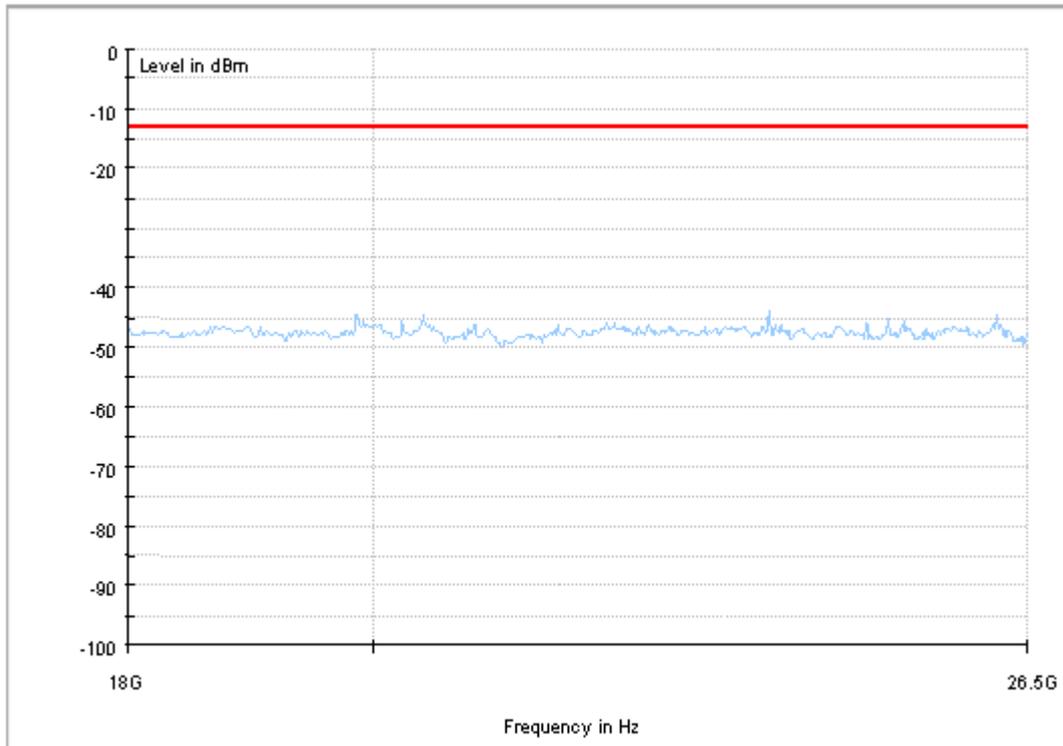


Copy of RSE-TX-DIRECTOR ABOVE 1.5G\_L

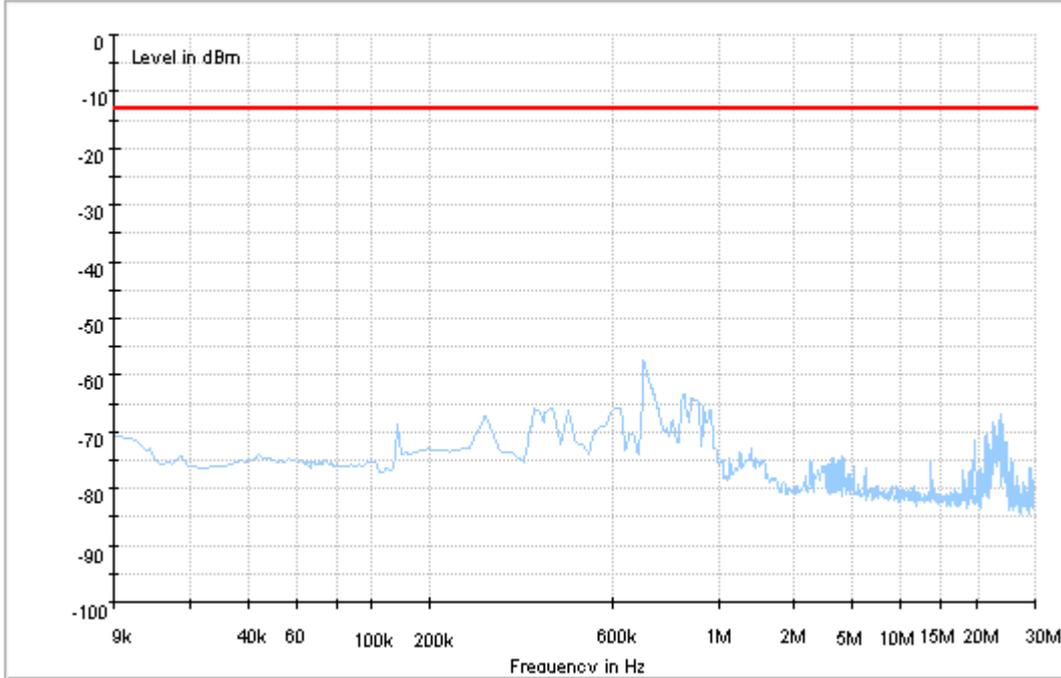


Copy of RSE-TX-DIRECTOR ABOVE 1.5G\_H

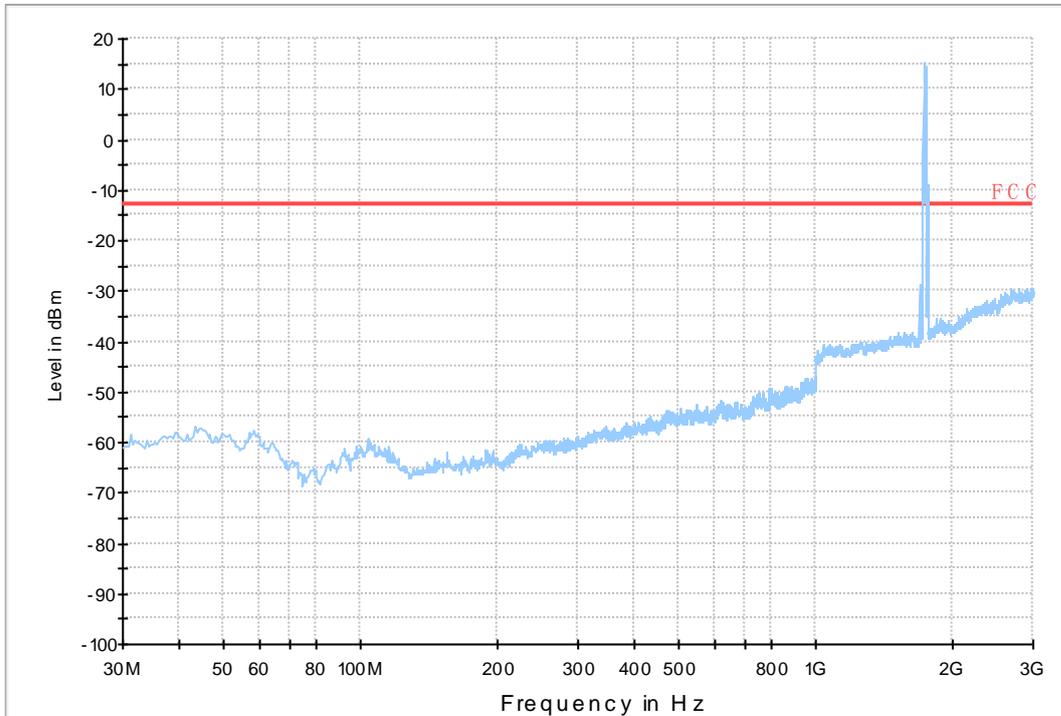




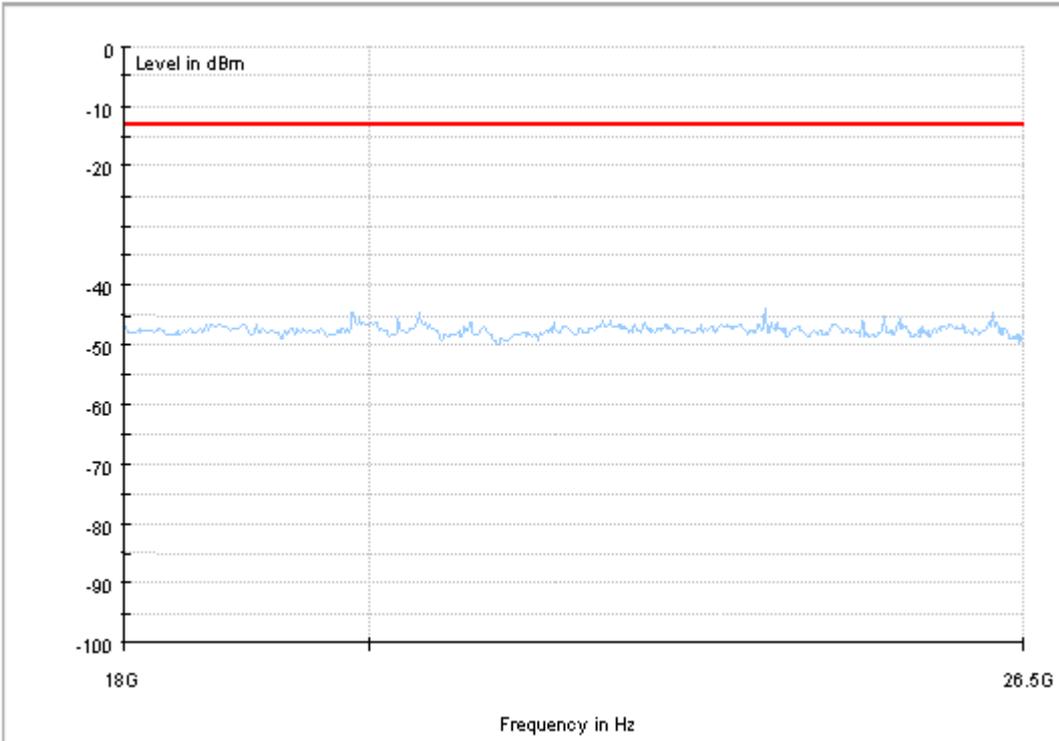
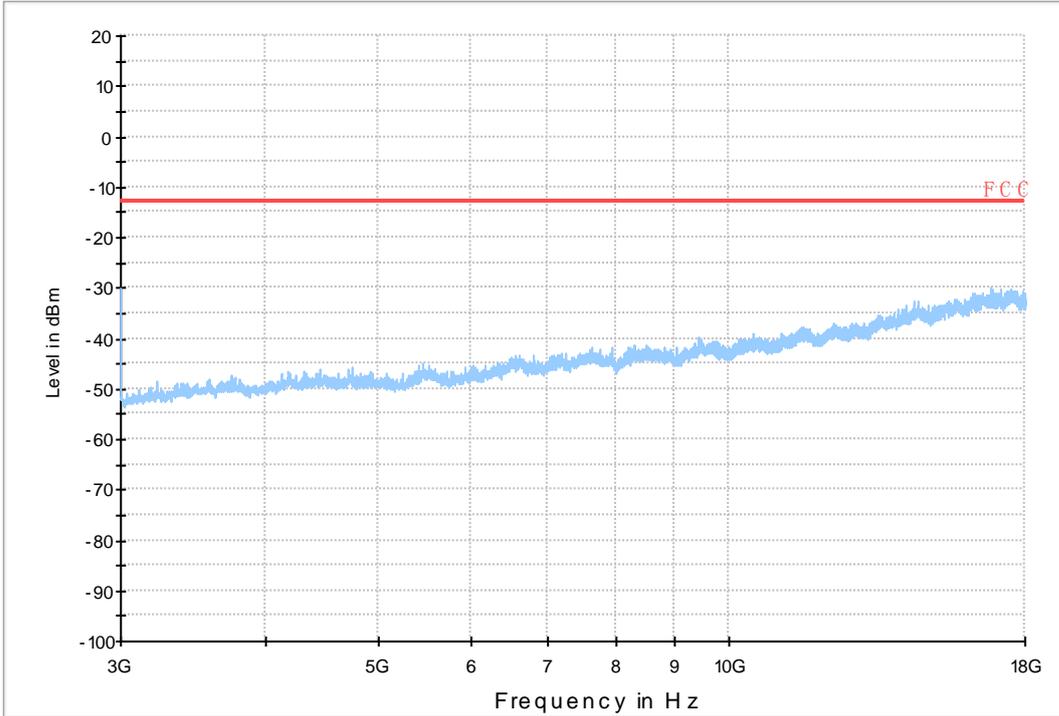
### 7.1.2.2 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G\_L

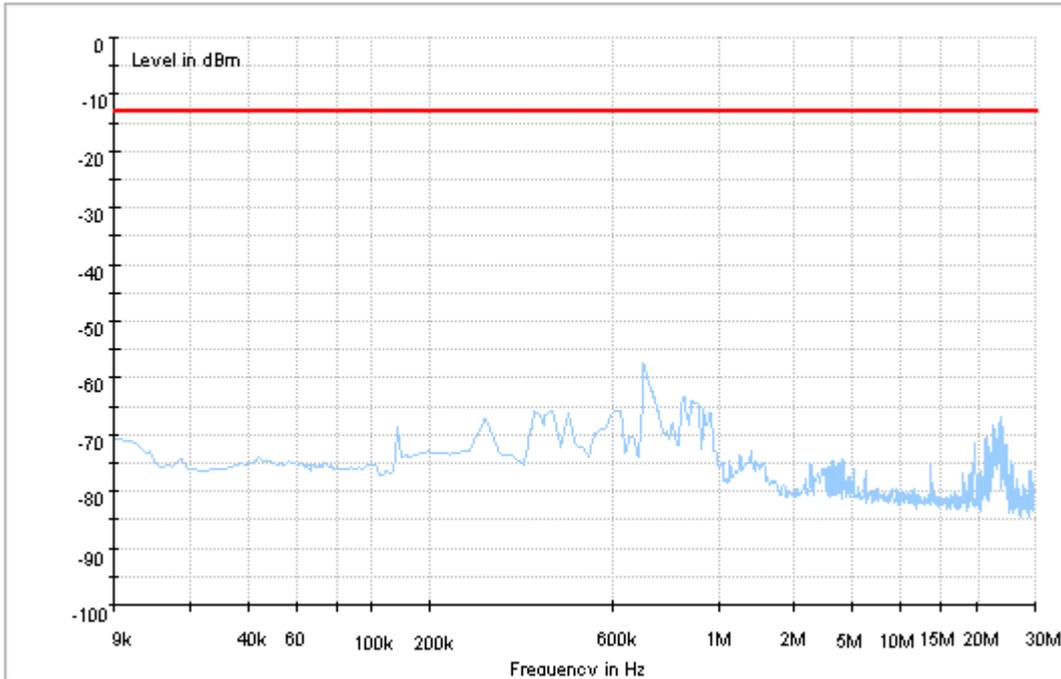


Copy of RSE-TX-DIRECTOR ABOVE 1.5G\_H

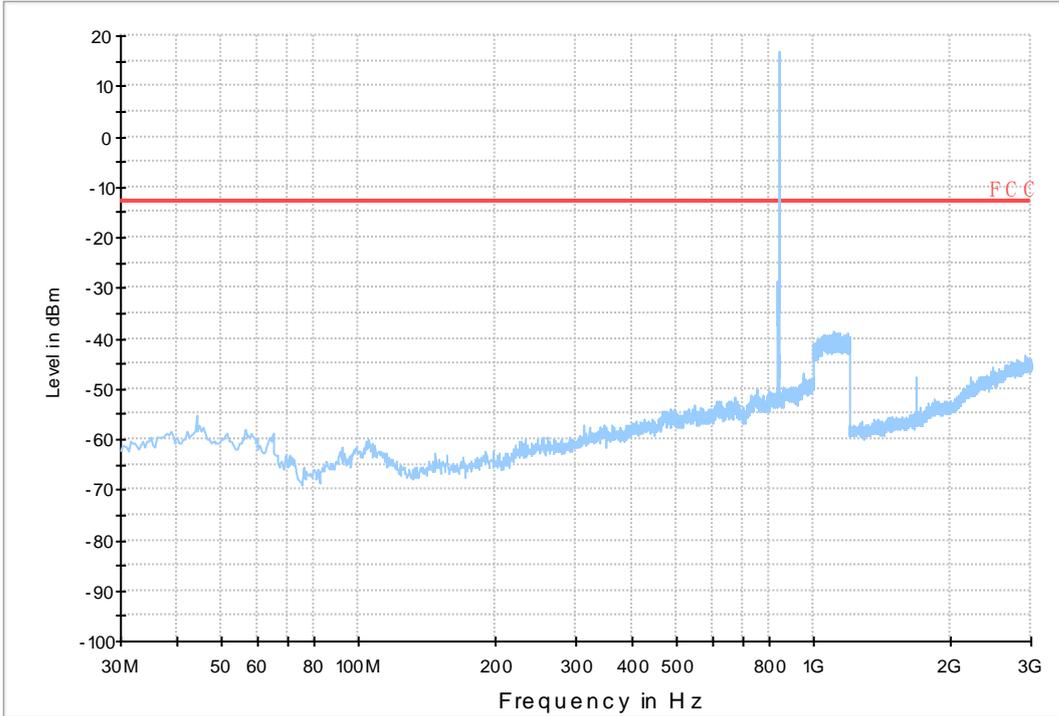


### 7.1.3 Test Band = BAND5

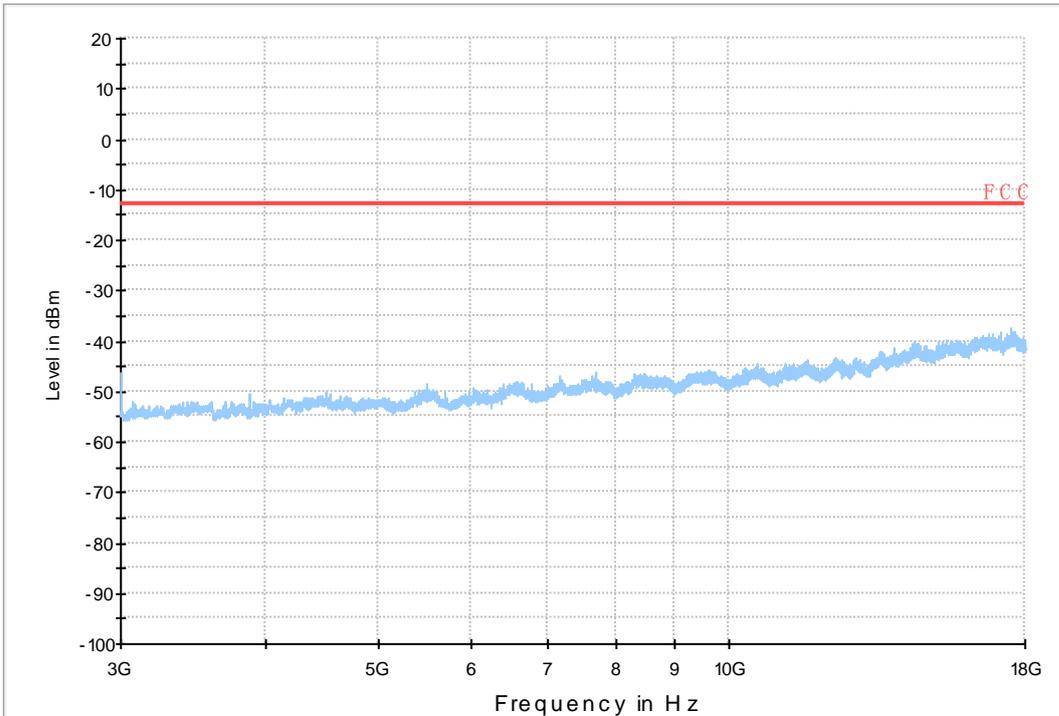
#### 7.1.3.1 Test Bandwidth = 1.4



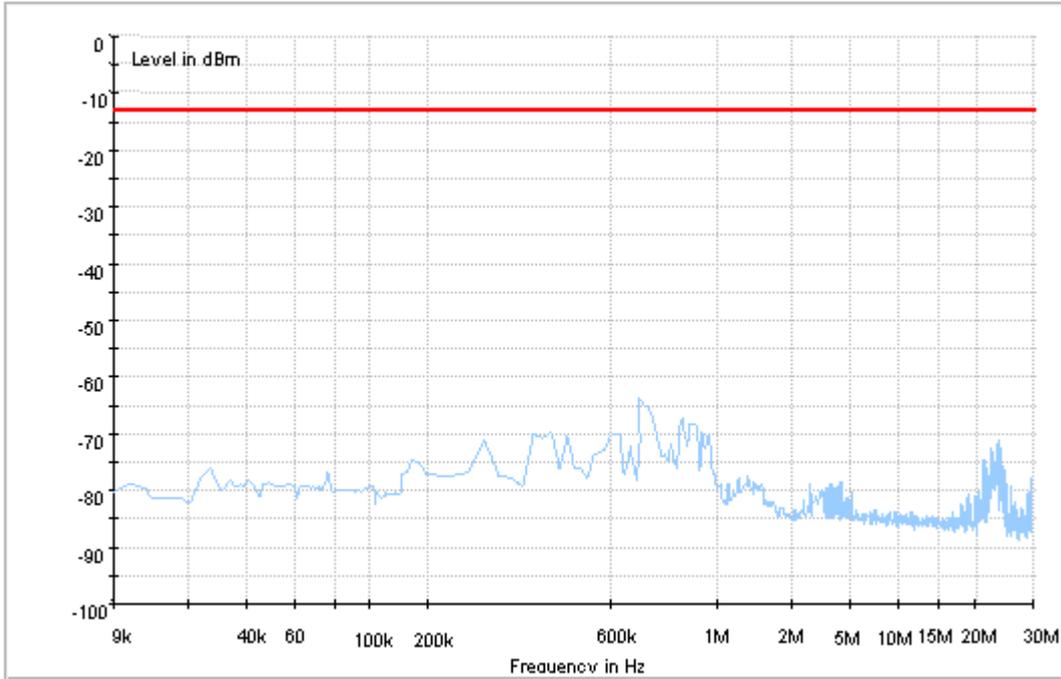
Copy of RSE-TX-DIRECTOR BELOW 1G\_L



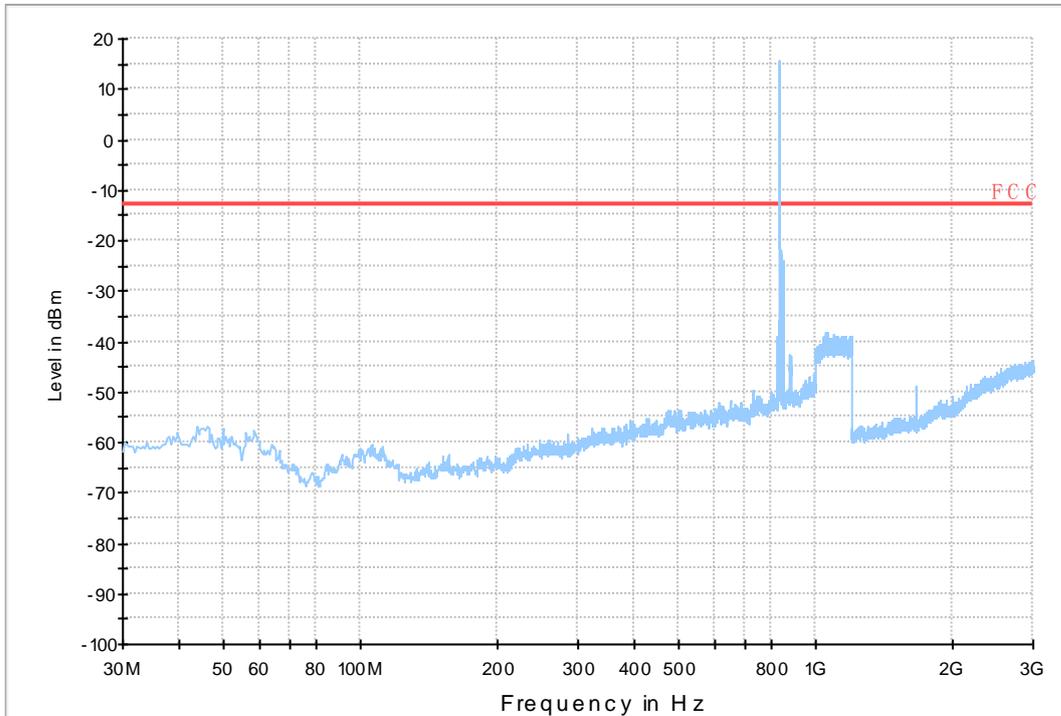
Copy of RSE-TX-DIRECTOR BELOW 1G\_H



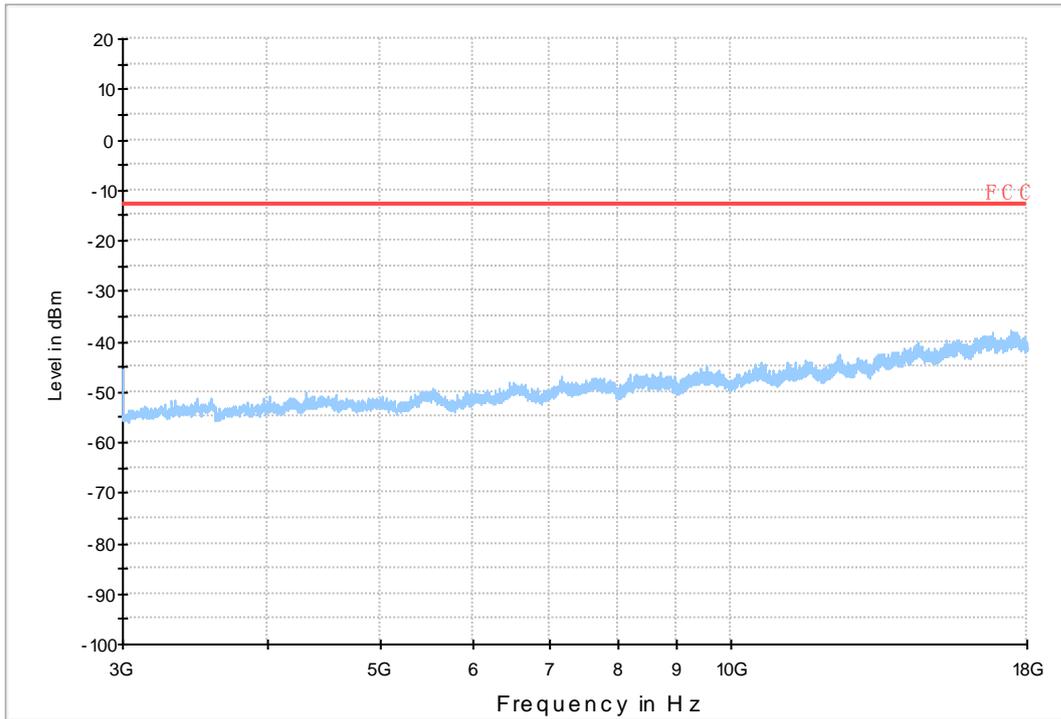
### 7.1.3.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G\_L

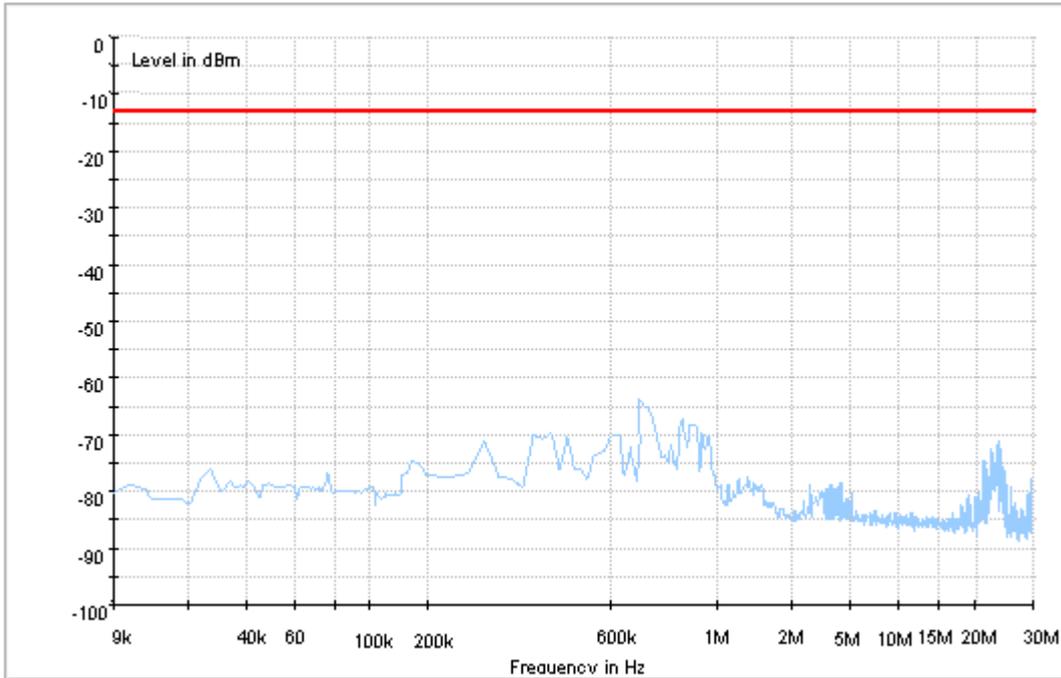


Copy of RSE-TX-DIRECTOR BELOW 1G\_H

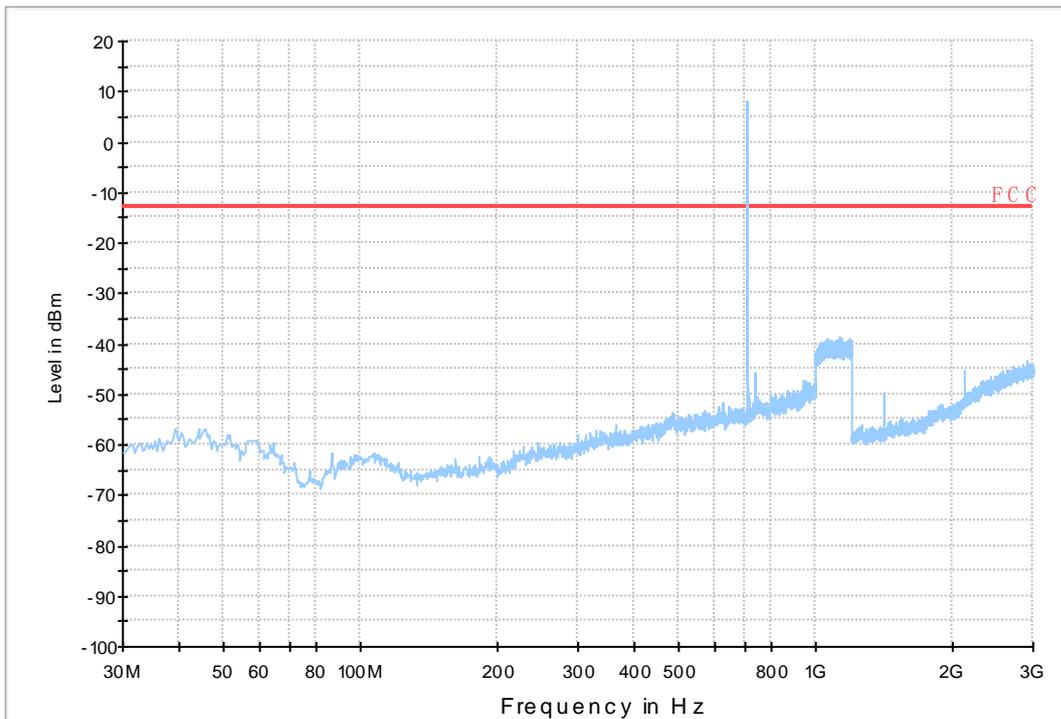


### 7.1.4 Test Band = BAND12

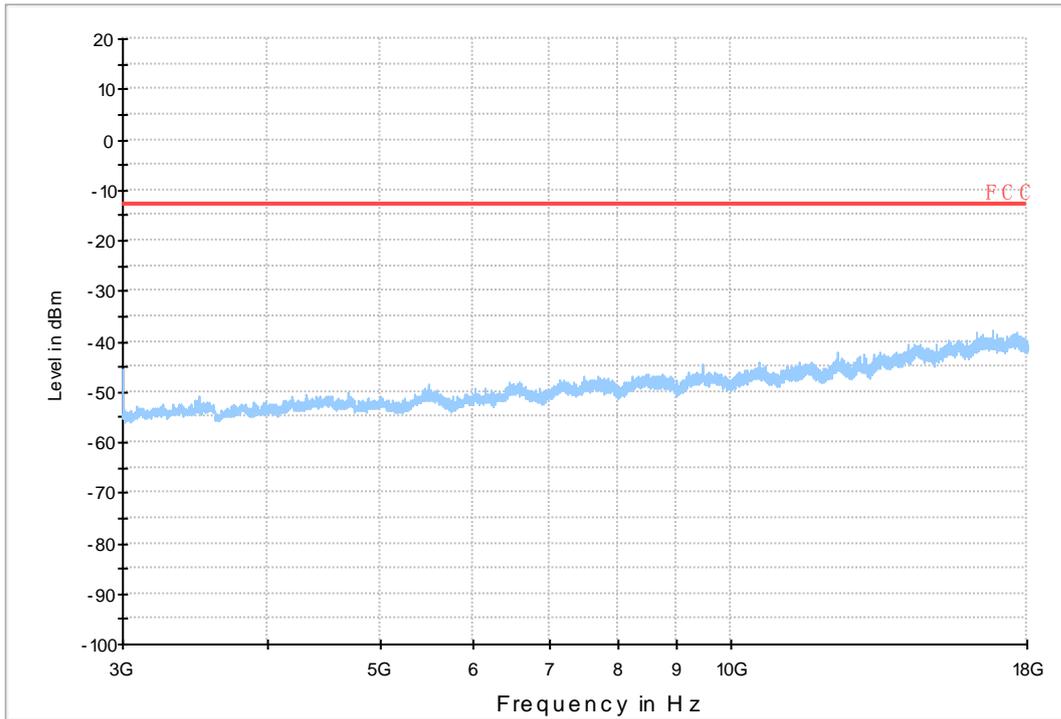
#### 7.1.4.1 Test Bandwidth = 1.4



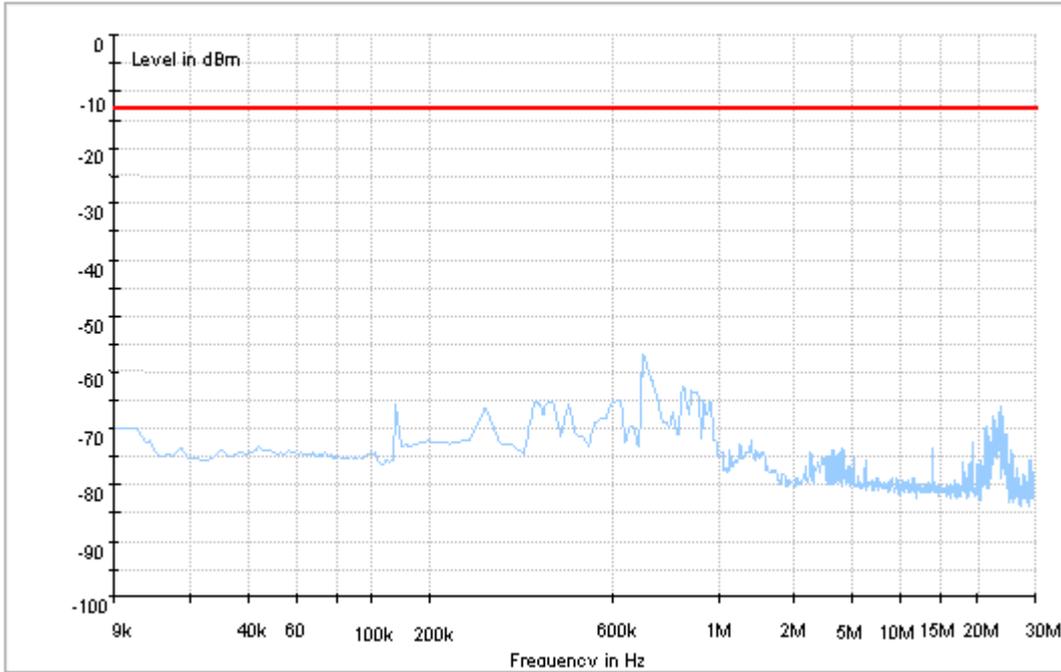
Copy of RSE-TX-DIRECTOR BELOW 1G\_L



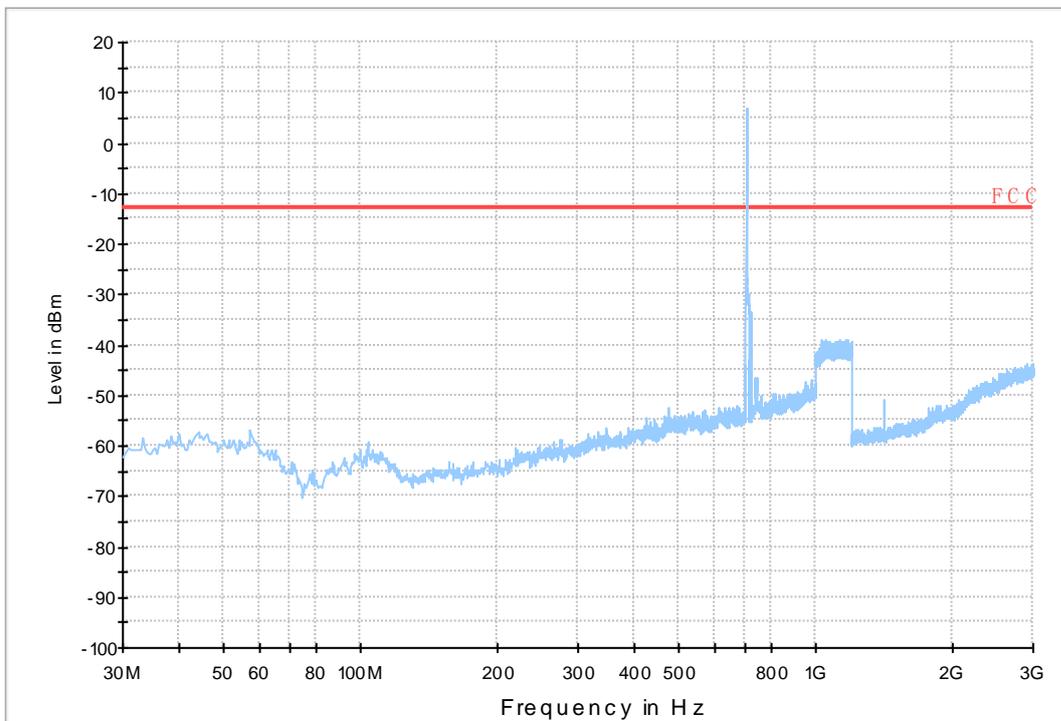
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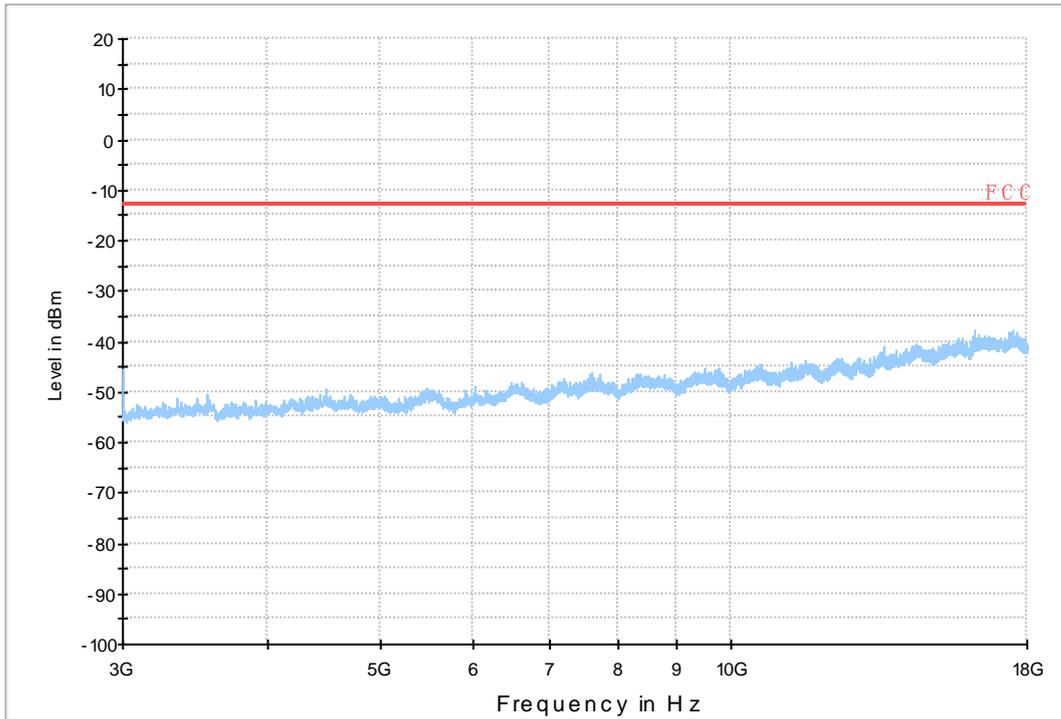
### 7.1.4.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G\_L



Copy of RSE-TX-DIRECTOR BELOW 1G\_H





## 8Appendix\_H: Frequency Stability

8.1 For LTE

8.1.1 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	-5.06	-0.00273	PASS
					VN	-8.63	-0.00466	PASS
					VH	2.02	0.00109	PASS
			MCH	TN	VL	3.02	0.00161	PASS
					VN	2.07	0.0011	PASS
					VH	-20.73	-0.01103	PASS
			HCH	TN	VL	-6.9	-0.00361	PASS
					VN	-0.36	-0.00019	PASS
					VH	-7.98	-0.00418	PASS
		3	LCH	TN	VL	-0.24	-0.00013	PASS
					VN	0.29	0.00016	PASS
					VH	-8.13	-0.00439	PASS
			MCH	TN	VL	-4.63	-0.00246	PASS
					VN	-8.5	-0.00452	PASS
					VH	2.17	0.00115	PASS
			HCH	TN	VL	1.92	0.00101	PASS
					VN	-1.57	-0.00082	PASS
					VH	-5.52	-0.00289	PASS
		5	LCH	TN	VL	-0.74	-0.0004	PASS
					VN	-13.75	-0.00742	PASS
					VH	0.8	0.00043	PASS
			MCH	TN	VL	-1.63	-0.00087	PASS
					VN	-1	-0.00053	PASS
					VH	-9.36	-0.00498	PASS
			HCH	TN	VL	-3.05	-0.0016	PASS
					VN	-0.62	-0.00033	PASS
					VH	-8.24	-0.00432	PASS
		10	LCH	TN	VL	-0.27	-0.00015	PASS
					VN	-2.37	-0.00128	PASS
					VH	-5.98	-0.00322	PASS
MCH	TN		VL	0.33	0.00018	PASS		
			VN	-0.51	-0.00027	PASS		
			VH	-1.3	-0.00069	PASS		
HCH	TN		VL	1.93	0.00101	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	15	LCH	TN	VN	-2.89	-0.00152	PASS
					VH	2.95	0.00155	PASS
					VL	-0.87	-0.00047	PASS
					VN	-0.53	-0.00029	PASS
					VH	0.51	0.00027	PASS
					VL	15.56	0.00828	PASS
			MCH	TN	VN	19.14	0.01018	PASS
					VH	15.46	0.00822	PASS
					VL	-2.05	-0.00108	PASS
					VN	-0.47	-0.00025	PASS
					VH	1.53	0.0008	PASS
					VL	-0.5	-0.00027	PASS
		20	LCH	TN	VN	0.87	0.00047	PASS
					VH	1.96	0.00105	PASS
					VL	-13.55	-0.00721	PASS
					VN	-6.49	-0.00345	PASS
					VH	0.77	0.00041	PASS
					VL	0.5	0.00026	PASS
			MCH	TN	VN	-0.96	-0.00051	PASS
					VH	-0.96	-0.00051	PASS
					VL	3.98	0.00215	PASS
					VN	0.99	0.00053	PASS
					VH	-0.87	-0.00047	PASS
					VL	-17.21	-0.00915	PASS
		3	LCH	TN	VN	-9.27	-0.00493	PASS
					VH	-11.77	-0.00626	PASS
					VL	-7.22	-0.00378	PASS
					VN	-1.29	-0.00068	PASS
					VH	-8.74	-0.00458	PASS
					VL	-0.47	-0.00025	PASS
			MCH	TN	VN	1.27	0.00069	PASS
					VH	1.97	0.00106	PASS
					VL	0.86	0.00046	PASS
					VN	-4.86	-0.00259	PASS
					VH	-0.74	-0.00039	PASS
					VL	-0.51	-0.00027	PASS
		HCH	TN	VN	0.84	0.00044	PASS	
				VH	-2.39	-0.00125	PASS	
				VL	0.97	0.00052	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					VN	0.06	0.00003	PASS		
					VH	-1.16	-0.00063	PASS		
					MCH	TN	VL	-5.81	-0.00309	PASS
							VN	-18.81	-0.01001	PASS
					VH		VH	-13.68	-0.00728	PASS
							VL	0.01	0.00001	PASS
			HCH	TN	VN	-5.44	-0.00285	PASS		
					VH	-6.74	-0.00353	PASS		
					VL	-1.69	-0.00091	PASS		
			10	LCH	TN	VN	-1.95	-0.00105	PASS	
						VH	-1.5	-0.00081	PASS	
						VL	-2.32	-0.00123	PASS	
		MCH		TN	VN	1.69	0.0009	PASS		
					VH	-0.04	-0.00002	PASS		
					VL	1.22	0.00064	PASS		
		HCH		TN	VN	-0.16	-0.00008	PASS		
					VH	-0.9	-0.00047	PASS		
					VL	-0.24	-0.00013	PASS		
		15		LCH	TN	VN	-1.03	-0.00055	PASS	
						VH	-1.46	-0.00079	PASS	
						VL	0.59	0.00031	PASS	
			MCH	TN	VN	0.13	0.00007	PASS		
					VH	-0.4	-0.00021	PASS		
					VL	-1.19	-0.00063	PASS		
			HCH	TN	VN	0.34	0.00018	PASS		
					VH	-0.2	-0.00011	PASS		
					VL	0.86	0.00046	PASS		
			20	LCH	TN	VN	-2.22	-0.00119	PASS	
						VH	-0.39	-0.00021	PASS	
						VL	-0.09	-0.00005	PASS	
		MCH		TN	VN	-0.84	-0.00045	PASS		
					VH	-1.2	-0.00064	PASS		
					VL	-2.22	-0.00117	PASS		
		HCH		TN	VN	-0.06	-0.00003	PASS		
					VH	-0.07	-0.00004	PASS		
					VL					

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND5	LTE/TM1	1.4	LCH	TN	VL	-1.04	-0.00126	PASS
					VN	-2.63	-0.00319	PASS
					VH	-0.79	-0.00096	PASS
			MCH	TN	VL	0.66	0.00079	PASS
					VN	-0.74	-0.00088	PASS
					VH	0.49	0.00059	PASS
			HCH	TN	VL	0.33	0.00039	PASS
					VN	-0.79	-0.00093	PASS
					VH	-0.29	-0.00034	PASS
		3	LCH	TN	VL	0.21	0.00025	PASS
					VN	0.9	0.00109	PASS
					VH	-0.07	-0.00008	PASS
			MCH	TN	VL	-0.93	-0.00111	PASS
					VN	0.76	0.00091	PASS
					VH	-0.16	-0.00019	PASS
			HCH	TN	VL	0.23	0.00027	PASS
					VN	-2.55	-0.00301	PASS
					VH	-1.2	-0.00142	PASS
		5	LCH	TN	VL	-0.54	-0.00065	PASS
					VN	0.49	0.00059	PASS
					VH	-4.41	-0.00534	PASS
			MCH	TN	VL	-2.07	-0.00247	PASS
					VN	-1.3	-0.00155	PASS
					VH	-0.47	-0.00056	PASS
			HCH	TN	VL	-0.14	-0.00017	PASS
					VN	0.51	0.0006	PASS
					VH	0.23	0.00027	PASS
		10	LCH	TN	VL	0.2	0.00024	PASS
					VN	-0.63	-0.00076	PASS
					VH	-0.57	-0.00069	PASS
			MCH	TN	VL	-1.12	-0.00134	PASS
					VN	-0.74	-0.00088	PASS
					VH	-0.29	-0.00035	PASS
			HCH	TN	VL	-1.2	-0.00142	PASS
					VN	-2.02	-0.00239	PASS
					VH	-0.84	-0.001	PASS
	LTE/TM2	1.4	LCH	TN	VL	-1.33	-0.00161	PASS
					VN	-3.09	-0.00375	PASS
					VH	-0.53	-0.00064	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
			MCH	TN	VL	-0.74	-0.00088	PASS	
					VN	-0.9	-0.00108	PASS	
					VH	-0.62	-0.00074	PASS	
			HCH	TN	VL	-1.17	-0.00138	PASS	
					VN	-0.59	-0.0007	PASS	
					VH	-0.76	-0.0009	PASS	
			3	LCH	TN	VL	1.36	0.00165	PASS
						VN	-0.97	-0.00118	PASS
						VH	-0.37	-0.00045	PASS
				MCH	TN	VL	-1.7	-0.00203	PASS
						VN	-0.51	-0.00061	PASS
						VH	0.4	0.00048	PASS
		HCH	TN	VL	-4.51	-0.00532	PASS		
				VN	-1.44	-0.0017	PASS		
				VH	-0.77	-0.00091	PASS		
		5	LCH	TN	VL	-1.7	-0.00206	PASS	
					VN	-1.12	-0.00136	PASS	
					VH	-1.42	-0.00172	PASS	
			MCH	TN	VL	-0.33	-0.00039	PASS	
					VN	-0.69	-0.00082	PASS	
					VH	-0.84	-0.001	PASS	
			HCH	TN	VL	0.39	0.00046	PASS	
					VN	-0.11	-0.00013	PASS	
					VH	-0.36	-0.00043	PASS	
		10	LCH	TN	VL	-0.33	-0.0004	PASS	
					VN	-1.44	-0.00174	PASS	
					VH	-1.33	-0.0016	PASS	
			MCH	TN	VL	-0.56	-0.00067	PASS	
					VN	-1.95	-0.00233	PASS	
					VH	-1.29	-0.00154	PASS	
HCH	TN		VL	0.09	0.00011	PASS			
			VN	-1.13	-0.00134	PASS			
			VH	-0.82	-0.00097	PASS			

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND4	LTE/TM1	1.4	LCH	TN	VL	-5.06	-0.00273	PASS
					VN	-8.63	-0.00466	PASS
					VH	2.02	0.00109	PASS
			MCH	TN	VL	3.02	0.00161	PASS
					VN	2.07	0.0011	PASS
					VH	-20.73	-0.01103	PASS
			HCH	TN	VL	-6.9	-0.00361	PASS
					VN	-0.36	-0.00019	PASS
					VH	-7.98	-0.00418	PASS
		3	LCH	TN	VL	-0.24	-0.00013	PASS
					VN	0.29	0.00016	PASS
					VH	-8.13	-0.00439	PASS
			MCH	TN	VL	-4.63	-0.00246	PASS
					VN	-8.5	-0.00452	PASS
					VH	2.17	0.00115	PASS
			HCH	TN	VL	1.92	0.00101	PASS
					VN	-1.57	-0.00082	PASS
					VH	-5.52	-0.00289	PASS
		5	LCH	TN	VL	-0.74	-0.0004	PASS
					VN	-13.75	-0.00742	PASS
					VH	0.8	0.00043	PASS
			MCH	TN	VL	-1.63	-0.00087	PASS
					VN	-1	-0.00053	PASS
					VH	-9.36	-0.00498	PASS
			HCH	TN	VL	-3.05	-0.0016	PASS
					VN	-0.62	-0.00033	PASS
					VH	-8.24	-0.00432	PASS
		10	LCH	TN	VL	-0.27	-0.00015	PASS
					VN	-2.37	-0.00128	PASS
					VH	-5.98	-0.00322	PASS
			MCH	TN	VL	0.33	0.00018	PASS
					VN	-0.51	-0.00027	PASS
					VH	-1.3	-0.00069	PASS
			HCH	TN	VL	1.93	0.00101	PASS
					VN	-2.89	-0.00152	PASS
					VH	2.95	0.00155	PASS
		15	LCH	TN	VL	-0.87	-0.00047	PASS
					VN	-0.53	-0.00029	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
			MCH	TN	VH	0.51	0.00027	PASS			
					VL	15.56	0.00828	PASS			
					VN	19.14	0.01018	PASS			
					VH	15.46	0.00822	PASS			
			HCH	TN	VL	-2.05	-0.00108	PASS			
					VN	-0.47	-0.00025	PASS			
					VH	1.53	0.0008	PASS			
					LCH	TN	VL	-0.5	-0.00027	PASS	
							VN	0.87	0.00047	PASS	
							VH	1.96	0.00105	PASS	
			MCH	TN	VL	-13.55	-0.00721	PASS			
					VN	-6.49	-0.00345	PASS			
		VH			0.77	0.00041	PASS				
		HCH			TN	VL	0.5	0.00026	PASS		
						VN	-0.96	-0.00051	PASS		
						VH	-0.96	-0.00051	PASS		
		LTE/TM2	1.4	LCH	TN	VL	3.98	0.00215	PASS		
						VN	0.99	0.00053	PASS		
						VH	-0.87	-0.00047	PASS		
						MCH	TN	VL	-17.21	-0.00915	PASS
								VN	-9.27	-0.00493	PASS
								VH	-11.77	-0.00626	PASS
				HCH	TN	VL	-7.22	-0.00378	PASS		
						VN	-1.29	-0.00068	PASS		
	VH					-8.74	-0.00458	PASS			
	3			LCH	TN	VL	-0.47	-0.00025	PASS		
						VN	1.27	0.00069	PASS		
						VH	1.97	0.00106	PASS		
			MCH	TN	VL	0.86	0.00046	PASS			
					VN	-4.86	-0.00259	PASS			
					VH	-0.74	-0.00039	PASS			
	HCH		TN	VL	-0.51	-0.00027	PASS				
				VN	0.84	0.00044	PASS				
				VH	-2.39	-0.00125	PASS				
	5	LCH	TN	VL	0.97	0.00052	PASS				
				VN	0.06	0.00003	PASS				
				VH	-1.16	-0.00063	PASS				
		MCH	TN	VL	-5.81	-0.00309	PASS				
				VN	-18.81	-0.01001	PASS				
				VH							

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
		10	HCH	TN	VH	-13.68	-0.00728	PASS		
					VL	0.01	0.00001	PASS		
					VN	-5.44	-0.00285	PASS		
			LCH	TN	VH	-6.74	-0.00353	PASS		
					VL	-1.69	-0.00091	PASS		
					VN	-1.95	-0.00105	PASS		
			MCH	TN	VH	-1.5	-0.00081	PASS		
					VL	-2.32	-0.00123	PASS		
					VN	1.69	0.0009	PASS		
		HCH	TN	VH	-0.04	-0.00002	PASS			
				VL	1.22	0.00064	PASS			
				VN	-0.16	-0.00008	PASS			
		15	LCH	TN	VH	-0.9	-0.00047	PASS		
					VL	-0.24	-0.00013	PASS		
					VN	-1.03	-0.00055	PASS		
			MCH	TN	VH	-1.46	-0.00079	PASS		
					VL	0.59	0.00031	PASS		
					VN	0.13	0.00007	PASS		
			HCH	TN	VH	-0.4	-0.00021	PASS		
					VL	-1.19	-0.00063	PASS		
					VN	0.34	0.00018	PASS		
		20	LCH	TN	VH	-0.2	-0.00011	PASS		
					VL	0.86	0.00046	PASS		
					VN	-2.22	-0.00119	PASS		
			MCH	TN	VH	-0.39	-0.00021	PASS		
					VL	-0.09	-0.00005	PASS		
					VN	-0.84	-0.00045	PASS		
			HCH	TN	VH	-1.2	-0.00064	PASS		
					VL	-2.22	-0.00117	PASS		
					VN	-0.06	-0.00003	PASS		
		BAND12	LTE/TM1	1.4	LCH	TN	VH	-0.07	-0.00004	PASS
							VL	-0.36	-0.00014	PASS
							VN	-2.25	-0.0009	PASS
					MCH	TN	VH	-1.77	-0.00071	PASS
							VL	0.62	0.00024	PASS
							VN	-26.84	-0.01059	PASS
HCH	TN	VH	-2.79	-0.0011	PASS					
		VL	1.23	0.00048	PASS					
		VN	-11.63	-0.00453	PASS					

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					VH	-0.21	-0.00008	PASS			
					3	LCH	TN	VL	-1.92	-0.00077	PASS
								VN	-3.65	-0.00146	PASS
		VH	-2.22	-0.00089				PASS			
		MCH	TN	VL		3.13	0.00123	PASS			
				VN		-6.72	-0.00265	PASS			
				VH		0.49	0.00019	PASS			
		HCH	TN	VL	-0.2	-0.00008	PASS				
				VN	0.13	0.00005	PASS				
				VH	-0.93	-0.00036	PASS				
		5	LCH	TN	VL	-0.4	-0.00016	PASS			
					VN	-3.63	-0.00145	PASS			
					VH	0.03	0.00001	PASS			
			MCH	TN	VL	-16.12	-0.00636	PASS			
					VN	-0.47	-0.00019	PASS			
					VH	-1.65	-0.00065	PASS			
			HCH	TN	VL	-3.43	-0.00134	PASS			
					VN	-1.24	-0.00048	PASS			
					VH	0.7	0.00027	PASS			
		10	LCH	TN	VL	-2.33	-0.00093	PASS			
					VN	0.1	0.00004	PASS			
					VH	0.24	0.0001	PASS			
			MCH	TN	VL	-2.46	-0.00097	PASS			
					VN	-3.02	-0.00119	PASS			
					VH	-1.23	-0.00049	PASS			
			HCH	TN	VL	-1.17	-0.00046	PASS			
					VN	-2.45	-0.00096	PASS			
					VH	-2.68	-0.00105	PASS			
		LTE/TM2	1.4	LCH	TN	VL	-2.26	-0.0009	PASS		
						VN	-1.32	-0.00053	PASS		
						VH	-0.33	-0.00013	PASS		
				MCH	TN	VL	-14.38	-0.00567	PASS		
						VN	-0.09	-0.00004	PASS		
						VH	0.2	0.00008	PASS		
			HCH	TN	VL	-3.28	-0.00128	PASS			
					VN	-3.05	-0.00119	PASS			
					VH	0.62	0.00024	PASS			
			3	LCH	TN	VL	-9.63	-0.00384	PASS		
						VN	2.03	0.00081	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		5	MCH	TN	VH	0.19	0.00008	PASS
					VL	0.29	0.00011	PASS
					VN	-1.12	-0.00044	PASS
					VH	3.75	0.00148	PASS
			HCH	TN	VL	-6.77	-0.00264	PASS
					VN	-10	-0.0039	PASS
					VH	1.23	0.00048	PASS
					VL	-2.19	-0.00087	PASS
			LCH	TN	VN	0.34	0.00014	PASS
					VH	2.13	0.00085	PASS
					VL	-0.59	-0.00023	PASS
					VN	-2.02	-0.0008	PASS
		MCH	TN	VH	-8.08	-0.00319	PASS	
				VL	-1.27	-0.0005	PASS	
				VN	-0.94	-0.00037	PASS	
				VH	-11.19	-0.00437	PASS	
		HCH	TN	VL	-1.24	-0.00049	PASS	
				VN	-4.85	-0.00193	PASS	
				VH	-1.44	-0.00057	PASS	
				VL	-1.02	-0.0004	PASS	
		MCH	TN	VN	-1.62	-0.00064	PASS	
				VH	-1.36	-0.00054	PASS	
				VL	-1.13	-0.00044	PASS	
				VN	2.36	0.00092	PASS	
HCH	TN	VH	-2.42	-0.00095	PASS			
		VL	-1.24	-0.00049	PASS			
		VN	-4.85	-0.00193	PASS			
		VH	-1.44	-0.00057	PASS			

### 8.3.2 Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND2	LTE/TM1	1.4	LCH	VN	-30	12.96	0.007	PASS
					-20	-8.6	-0.00465	PASS
					-10	-0.62	-0.00034	PASS
					0	0.86	0.00046	PASS
					10	-7.57	-0.00409	PASS
					20	1.17	0.00063	PASS
					30	3.99	0.00216	PASS
					40	18.22	0.00984	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	VN	50	-9.2	-0.00497	PASS
					-30	3.39	0.0018	PASS
					-20	3.59	0.00191	PASS
					-10	0.74	0.00039	PASS
					0	-1	-0.00053	PASS
					10	-12.83	-0.00682	PASS
					20	12.35	0.00657	PASS
					30	0.2	0.00011	PASS
					40	-3.3	-0.00176	PASS
			50	16.44	0.00874	PASS		
			HCH	VN	-30	-6.51	-0.00341	PASS
					-20	-6.82	-0.00357	PASS
					-10	-8.45	-0.00443	PASS
					0	-14.1	-0.00738	PASS
					10	-5.92	-0.0031	PASS
					20	-10.56	-0.00553	PASS
					30	-5.24	-0.00274	PASS
					40	2.59	0.00136	PASS
		50			3.83	0.00201	PASS	
		3	LCH	VN	-30	2.68	0.00145	PASS
					-20	-0.66	-0.00036	PASS
					-10	0.56	0.0003	PASS
					0	1.14	0.00062	PASS
					10	0.3	0.00016	PASS
					20	-15.78	-0.00852	PASS
					30	1.37	0.00074	PASS
					40	-12.83	-0.00693	PASS
					50	-0.76	-0.00041	PASS
			MCH	VN	-30	-3.72	-0.00198	PASS
					-20	2.07	0.0011	PASS
					-10	1.93	0.00103	PASS
					0	-3.92	-0.00209	PASS
					10	9	0.00479	PASS
					20	-4.45	-0.00237	PASS
					30	-1.34	-0.00071	PASS
					40	-3.13	-0.00166	PASS
					50	7.02	0.00373	PASS
		HCH	VN	-30	4.08	0.00214	PASS	
				-20	3.05	0.0016	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-5.18	-0.00271	PASS
					0	-4.26	-0.00223	PASS
					10	3.83	0.00201	PASS
					20	-1.22	-0.00064	PASS
					30	-12.96	-0.00679	PASS
					40	-4.78	-0.0025	PASS
					50	6.91	0.00362	PASS
		5	LCH	VN	-30	1.16	0.00063	PASS
					-20	2.37	0.00128	PASS
					-10	4.55	0.00246	PASS
					0	-0.4	-0.00022	PASS
					10	3.26	0.00176	PASS
					20	0.46	0.00025	PASS
					30	0.27	0.00015	PASS
					40	0.41	0.00022	PASS
					50	1.7	0.00092	PASS
			MCH	VN	-30	0.04	0.00002	PASS
					-20	-0.24	-0.00013	PASS
					-10	-0.14	-0.00007	PASS
					0	-24.23	-0.01289	PASS
					10	-2.09	-0.00111	PASS
					20	-20.3	-0.0108	PASS
					30	-24.99	-0.01329	PASS
					40	-2.73	-0.00145	PASS
			HCH	VN	-30	-16.95	-0.00889	PASS
					-20	1.56	0.00082	PASS
					-10	-0.1	-0.00005	PASS
					0	-0.7	-0.00037	PASS
		10			-29.48	-0.01545	PASS	
		20			-1.75	-0.00092	PASS	
		30			-0.64	-0.00034	PASS	
		10	LCH	VN	-30	4.66	0.00251	PASS
					-20	0.93	0.0005	PASS
-10	-0.14				-0.00008	PASS		
0	-2.19				-0.00118	PASS		
10	-0.2				-0.00011	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		15			20	-28.91	-0.01558	PASS
					30	-0.92	-0.0005	PASS
					40	0.36	0.00019	PASS
					50	1.89	0.00102	PASS
			MCH	VN	-30	3.62	0.00193	PASS
					-20	-15.31	-0.00814	PASS
					-10	-27.49	-0.01462	PASS
					0	0.44	0.00023	PASS
					10	-1.62	-0.00086	PASS
					20	1.76	0.00094	PASS
					30	-1	-0.00053	PASS
					40	-0.64	-0.00034	PASS
			HCH	VN	-30	-1.85	-0.00097	PASS
					-20	5.09	0.00267	PASS
					-10	-28.15	-0.01478	PASS
					0	-12.7	-0.00667	PASS
					10	-28.32	-0.01487	PASS
					20	5.78	0.00303	PASS
					30	1.42	0.00075	PASS
					40	-0.86	-0.00045	PASS
					-30	1.42	0.00076	PASS
					-20	0.6	0.00032	PASS
					-10	-0.37	-0.0002	PASS
					0	1.07	0.00058	PASS
		10			0.56	0.0003	PASS	
		20			0.36	0.00019	PASS	
		30			-18.84	-0.01014	PASS	
		40			-16.94	-0.00912	PASS	
		MCH	VN	50	-15.81	-0.00851	PASS	
				-30	8.28	0.0044	PASS	
				-20	-4.63	-0.00246	PASS	
				-10	-99.95	-0.05316	PASS	
0	-0.09			-0.00005	PASS			
10	2.9			0.00154	PASS			
20	-2.85			-0.00152	PASS			
30	-1.19			-0.00063	PASS			
40	-1.13	-0.0006	PASS					

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
			HCH	VN	50	-0.16	-0.00009	PASS	
					-30	-14.86	-0.00781	PASS	
					-20	-0.26	-0.00014	PASS	
					-10	-0.62	-0.00033	PASS	
					0	-0.82	-0.00043	PASS	
					10	-0.67	-0.00035	PASS	
					20	-0.23	-0.00012	PASS	
					30	-15.45	-0.00812	PASS	
					40	-1.54	-0.00081	PASS	
			50	-14.12	-0.00742	PASS			
			LCH	VN	-30	5.99	0.00322	PASS	
					-20	-5.78	-0.00311	PASS	
					-10	3.95	0.00212	PASS	
					0	1.43	0.00077	PASS	
					10	-0.56	-0.0003	PASS	
					20	0.6	0.00032	PASS	
					30	-7.74	-0.00416	PASS	
					40	-15.19	-0.00817	PASS	
		50			-17.7	-0.00952	PASS		
		MCH	VN	-30	0.07	0.00004	PASS		
				-20	0.76	0.0004	PASS		
				-10	-0.09	-0.00005	PASS		
				0	-0.5	-0.00027	PASS		
				10	0.83	0.00044	PASS		
				20	-1.04	-0.00055	PASS		
				30	-2.29	-0.00122	PASS		
				40	-0.17	-0.00009	PASS		
				50	-0.44	-0.00023	PASS		
		HCH	VN	-30	0.6	0.00032	PASS		
				-20	-2	-0.00105	PASS		
				-10	-1.03	-0.00054	PASS		
				0	-0.26	-0.00014	PASS		
				10	0.51	0.00027	PASS		
				20	-0.23	-0.00012	PASS		
				30	-0.26	-0.00014	PASS		
				40	0.37	0.00019	PASS		
				50	-0.19	-0.0001	PASS		
		LTE/TM2	1.4	LCH	VN	-30	2.59	0.0014	PASS
						-20	4.25	0.0023	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-10	-12.5	-0.00675	PASS	
					0	0.11	0.00006	PASS	
					10	2.16	0.00117	PASS	
					20	-9.63	-0.0052	PASS	
					30	5.19	0.0028	PASS	
					40	-0.87	-0.00047	PASS	
					50	-3.56	-0.00192	PASS	
			MCH	VN	-30	7.82	0.00416	PASS	
					-20	1.67	0.00089	PASS	
					-10	-1.52	-0.00081	PASS	
					0	7.42	0.00395	PASS	
					10	0.43	0.00023	PASS	
					20	-9.81	-0.00522	PASS	
					30	-2.16	-0.00115	PASS	
					40	-13.63	-0.00725	PASS	
			HCH	VN	-30	12.73	0.00667	PASS	
					-20	0.97	0.00051	PASS	
					-10	-9.47	-0.00496	PASS	
					0	-7.34	-0.00384	PASS	
					10	-4.65	-0.00244	PASS	
					20	3.18	0.00167	PASS	
					30	3.79	0.00199	PASS	
					40	22.39	0.01173	PASS	
			3	LCH	VN	-30	-12.6	-0.00681	PASS
						-20	-9.47	-0.00511	PASS
						-10	-0.54	-0.00029	PASS
						0	-1.59	-0.00086	PASS
						10	-7.77	-0.0042	PASS
						20	-2.39	-0.00129	PASS
						30	1.26	0.00068	PASS
						40	1.2	0.00065	PASS
				MCH	VN	-30	-16.15	-0.00872	PASS
						-30	-3.32	-0.00177	PASS
						-20	-6.29	-0.00335	PASS
						-10	3.18	0.00169	PASS
						0	4.65	0.00247	PASS
						10	-4.32	-0.0023	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					20	-11.3	-0.00601	PASS		
					30	3.91	0.00208	PASS		
					40	-3.3	-0.00176	PASS		
					50	-3.13	-0.00166	PASS		
			HCH	VN	-30	-5.01	-0.00263	PASS		
					-20	-8.33	-0.00436	PASS		
					-10	2.13	0.00112	PASS		
					0	5.24	0.00275	PASS		
					10	3.08	0.00161	PASS		
					20	3.95	0.00207	PASS		
					30	-7.41	-0.00388	PASS		
					40	1.37	0.00072	PASS		
					50	2.23	0.00117	PASS		
					LCH	VN	-30	1.96	0.00106	PASS
							-20	1.7	0.00092	PASS
							-10	4.18	0.00226	PASS
		0	1.69	0.00091			PASS			
		10	2.78	0.0015			PASS			
		20	3.29	0.00178			PASS			
		30	-29.91	-0.01615			PASS			
		40	0.79	0.00043			PASS			
		MCH	VN	50	0.53	0.00029	PASS			
				-30	-0.86	-0.00046	PASS			
				-20	-22.47	-0.01195	PASS			
				-10	-1.2	-0.00064	PASS			
				0	-27.97	-0.01488	PASS			
				10	-1.46	-0.00078	PASS			
				20	0.87	0.00046	PASS			
				30	1.8	0.00096	PASS			
		HCH	VN	40	-7.84	-0.00417	PASS			
				50	-30.18	-0.01605	PASS			
				-30	0.84	0.00044	PASS			
				-20	-18.9	-0.00991	PASS			
				-10	-29.35	-0.01539	PASS			
				0	0.73	0.00038	PASS			
				10	-26.19	-0.01373	PASS			
				20	-30.56	-0.01602	PASS			
							30	-24.79	-0.013	PASS
							40	0.24	0.00013	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					50	-0.41	-0.00021	PASS	
		10	LCH	VN	-30	1.77	0.00095	PASS	
					-20	-0.44	-0.00024	PASS	
					-10	0.44	0.00024	PASS	
					0	-1.17	-0.00063	PASS	
					10	-0.33	-0.00018	PASS	
					20	1.8	0.00097	PASS	
					30	-1.63	-0.00088	PASS	
					40	1.76	0.00095	PASS	
					50	-0.74	-0.0004	PASS	
				MCH	VN	-30	-2.96	-0.00157	PASS
			-20			-2.23	-0.00119	PASS	
			-10			-20.14	-0.01071	PASS	
			0			0.92	0.00049	PASS	
			10			-4.48	-0.00238	PASS	
			20			-1.66	-0.00088	PASS	
			30			-3.05	-0.00162	PASS	
			40			-0.34	-0.00018	PASS	
			50	-3.76	-0.002	PASS			
				HCH	VN	-30	-1.02	-0.00054	PASS
			-20			-20.08	-0.01054	PASS	
			-10			-9.73	-0.00511	PASS	
			0			-17.25	-0.00906	PASS	
			10			-26.36	-0.01384	PASS	
			20			-3.33	-0.00175	PASS	
		30	1.22			0.00064	PASS		
		40	0.49			0.00026	PASS		
		50	3.28	0.00172	PASS				
		15	LCH	VN	-30	1.17	0.00063	PASS	
					-20	-16.29	-0.00877	PASS	
					-10	-16.84	-0.00907	PASS	
					0	-0.79	-0.00043	PASS	
					10	-1.59	-0.00086	PASS	
					20	0.4	0.00022	PASS	
					30	-13.99	-0.00753	PASS	
					40	0.74	0.0004	PASS	
					50	-0.69	-0.00037	PASS	
				MCH	VN	-30	0.51	0.00027	PASS
						-20	0.17	0.00009	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-10	-4.32	-0.0023	PASS	
					0	-0.26	-0.00014	PASS	
					10	-0.84	-0.00045	PASS	
					20	-1.87	-0.00099	PASS	
					30	0.1	0.00005	PASS	
					40	-7.18	-0.00382	PASS	
					50	-3.16	-0.00168	PASS	
			HCH	VN	-30	-0.43	-0.00023	PASS	
					-20	-0.2	-0.00011	PASS	
					-10	1.24	0.00065	PASS	
					0	1.53	0.0008	PASS	
					10	0.37	0.00019	PASS	
					20	1.67	0.00088	PASS	
					30	-0.36	-0.00019	PASS	
			20	LCH	VN	-30	0.31	0.00017	PASS
						-20	0.63	0.00034	PASS
		-10				-0.23	-0.00012	PASS	
		0				1.62	0.00087	PASS	
		10				-12.25	-0.00659	PASS	
		20				-29.37	-0.01579	PASS	
		30				-118.9	-0.06392	PASS	
		MCH		VN	40	-1.19	-0.00064	PASS	
					50	16.57	0.00891	PASS	
					-30	-0.27	-0.00014	PASS	
					-20	-1.17	-0.00062	PASS	
					-10	-1.19	-0.00063	PASS	
					0	2.25	0.0012	PASS	
					10	0.57	0.0003	PASS	
		HCH	VN	20	-0.23	-0.00012	PASS		
				30	1.13	0.0006	PASS		
				40	1.36	0.00072	PASS		
				50	-0.14	-0.00007	PASS		
				-30	-0.53	-0.00028	PASS		
		-20	0.96	0.00051	PASS				
		-10	0.93	0.00049	PASS				
		0	0.04	0.00002	PASS				
		10	-0.33	-0.00017	PASS				



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	-1.49	-0.00078	PASS
					30	-1.76	-0.00093	PASS
					40	0.92	0.00048	PASS
					50	0.73	0.00038	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND5	LTE/TM1	1.4	LCH	VN	-30	-0.2	-0.00024	PASS
					-20	-7.17	-0.00869	PASS
					-10	-19.07	-0.02312	PASS
					0	9.2	0.01116	PASS
					10	13.96	0.01693	PASS
					20	-43.27	-0.05247	PASS
					30	4.12	0.005	PASS
					40	3.93	0.00477	PASS
			50	3.43	0.00416	PASS		
			MCH	VN	-30	6.94	0.0083	PASS
					-20	7.08	0.00846	PASS
					-10	-10.57	-0.01264	PASS
					0	2.02	0.00241	PASS
					10	4.69	0.00561	PASS
					20	3.81	0.00455	PASS
					30	3.43	0.0041	PASS
		40			0.1	0.00012	PASS	
		HCH	VN	-30	-5.44	-0.00641	PASS	
				-20	-9.57	-0.01128	PASS	
				-10	-4.52	-0.00533	PASS	
				0	0.3	0.00035	PASS	
				10	10.61	0.01251	PASS	
				20	-7.87	-0.00928	PASS	
				30	-6.47	-0.00763	PASS	
				40	-3.3	-0.00389	PASS	
		3	LCH	VN	-30	17.47	0.02116	PASS
					-20	-3.16	-0.00383	PASS
					-10	3.03	0.00367	PASS
0	8.47				0.01026	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		5			10	-2.12	-0.00257	PASS
					20	-0.3	-0.00036	PASS
					30	1.16	0.00141	PASS
					40	-0.16	-0.00019	PASS
					50	-0.07	-0.00008	PASS
			MCH	VN	-30	0.04	0.00005	PASS
					-20	4.29	0.00513	PASS
					-10	7.08	0.00846	PASS
					0	6.74	0.00806	PASS
					10	5.08	0.00607	PASS
					20	-1.3	-0.00155	PASS
					30	-0.97	-0.00116	PASS
					40	-2.07	-0.00247	PASS
					50	-0.29	-0.00035	PASS
					HCH	VN	-30	3.58
			-20	3.76			0.00444	PASS
			-10	0.11			0.00013	PASS
			0	-0.47			-0.00055	PASS
			10	-0.11			-0.00013	PASS
			20	-5.76			-0.0068	PASS
			30	2.96			0.00349	PASS
			40	1.83			0.00216	PASS
			LCH	VN	50	-2.89	-0.00341	PASS
					-30	4.81	0.00582	PASS
					-20	1.54	0.00186	PASS
		-10			1.23	0.00149	PASS	
		0			-1.66	-0.00201	PASS	
		10			-0.49	-0.00059	PASS	
		20			3.95	0.00478	PASS	
		30			-0.69	-0.00083	PASS	
		40			-352.86	-0.42693	PASS	
		50			-0.14	-0.00017	PASS	
		MCH	VN	-30	3.26	0.0039	PASS	
				-20	4.75	0.00568	PASS	
				-10	-0.14	-0.00017	PASS	
0	6.31			0.00754	PASS			
10	7.42			0.00887	PASS			
20	0.84			0.001	PASS			
30	1.34			0.0016	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
			HCH	VN	40	4.29	0.00513	PASS		
					50	-3.22	-0.00385	PASS		
					-30	0.77	0.00091	PASS		
					-20	1.9	0.00224	PASS		
					-10	3.79	0.00448	PASS		
					0	4.41	0.00521	PASS		
					10	-2.15	-0.00254	PASS		
					20	0.21	0.00025	PASS		
					30	-0.99	-0.00117	PASS		
					40	-2.76	-0.00326	PASS		
		50	-0.67	-0.00079	PASS					
				10	LCH	VN	-30	-1.34	-0.00162	PASS
							-20	2.37	0.00286	PASS
							-10	1.67	0.00201	PASS
							0	-10.93	-0.01318	PASS
							10	-24.2	-0.02919	PASS
							20	-6.88	-0.0083	PASS
							30	11.69	0.0141	PASS
							40	4.06	0.0049	PASS
							50	-4.26	-0.00514	PASS
									10	MCH
		-20	-73.81	-0.08824	PASS					
		-10	30.91	0.03695	PASS					
		0	-82.01	-0.09804	PASS					
		10	-31.81	-0.03803	PASS					
		20	95.39	0.11403	PASS					
		30	-9.6	-0.01148	PASS					
		40	-134.51	-0.1608	PASS					
				10	HCH	VN	50	-17.7	-0.02116	PASS
							-30	0.59	0.0007	PASS
							-20	-2.36	-0.0028	PASS
							-10	-2.15	-0.00255	PASS
							0	-1.3	-0.00154	PASS
							10	-0.29	-0.00034	PASS
							20	-0.72	-0.00085	PASS
							30	-0.92	-0.00109	PASS
		40	-0.54	-0.00064	PASS					
		50	-1.2	-0.00142	PASS					
		LTE/TM2	1.4	LCH	VN	-30	-12.75	-0.01546	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	-16.95	-0.02055	PASS	
					-10	21.09	0.02557	PASS	
					0	5.46	0.00662	PASS	
					10	-79.01	-0.0958	PASS	
					20	-18.42	-0.02234	PASS	
					30	11.67	0.01415	PASS	
					40	5.44	0.0066	PASS	
					50	-1.03	-0.00125	PASS	
			MCH	VN	-30	9.61	0.01149	PASS	
					-20	13.38	0.016	PASS	
					-10	7.78	0.0093	PASS	
					0	-3.08	-0.00368	PASS	
					10	7.17	0.00857	PASS	
					20	7.85	0.00938	PASS	
					30	4.88	0.00583	PASS	
					40	4.78	0.00571	PASS	
			HCH	VN	-30	-8.98	-0.01059	PASS	
					-20	13.03	0.01536	PASS	
					-10	-6.78	-0.00799	PASS	
					0	-12.43	-0.01465	PASS	
					10	14.66	0.01728	PASS	
					20	4.09	0.00482	PASS	
					30	-1.36	-0.0016	PASS	
					40	-6.17	-0.00727	PASS	
			3	LCH	VN	-30	-6.54	-0.00792	PASS
						-20	-0.07	-0.00008	PASS
						-10	-1.56	-0.00189	PASS
						0	1.86	0.00225	PASS
		10				-10.74	-0.01301	PASS	
		20				13.1	0.01587	PASS	
		30				8.18	0.00991	PASS	
		40				6.01	0.00728	PASS	
		50				1.33	0.00161	PASS	
		MCH				VN	-30	-4.69	-0.00561
				-20	-4.08		-0.00488	PASS	
				-10	10.24		0.01224	PASS	
			0	2.16	0.00258		PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-2.53	-0.00302	PASS
					20	2.42	0.00289	PASS
					30	0.6	0.00072	PASS
					40	-5.19	-0.0062	PASS
					50	-4.58	-0.00548	PASS
			HCH	VN	-30	7.11	0.00839	PASS
					-20	-2.03	-0.0024	PASS
					-10	-1.62	-0.00191	PASS
					0	1.24	0.00146	PASS
					10	-0.63	-0.00074	PASS
					20	-3.22	-0.0038	PASS
					30	0.47	0.00055	PASS
					40	6.87	0.00811	PASS
					50	-2.09	-0.00247	PASS
					LCH	VN	-30	8.73
		-20	14.25	0.01724			PASS	
		-10	0.73	0.00088			PASS	
		0	0.46	0.00056			PASS	
		10	-0.63	-0.00076			PASS	
		20	-0.07	-0.00008			PASS	
		30	-0.8	-0.00097			PASS	
		40	-3.12	-0.00377			PASS	
		50	0.92	0.00111			PASS	
		MCH	VN	-30			-2.89	-0.00345
				-20	-2.02	-0.00241	PASS	
				-10	-1.33	-0.00159	PASS	
				0	-2.56	-0.00306	PASS	
				10	2.52	0.00301	PASS	
				20	-2.62	-0.00313	PASS	
				30	-2.22	-0.00265	PASS	
				40	1.22	0.00146	PASS	
				50	3.99	0.00477	PASS	
				HCH	VN	-30	0.74	0.00087
		-20	-3.55			-0.00419	PASS	
		-10	0.57			0.00067	PASS	
		0	-2.06			-0.00243	PASS	
10	2.33	0.00275	PASS					
20	-0.72	-0.00085	PASS					
30	1.47	0.00174	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-2.45	-0.00289	PASS
					50	-2.19	-0.00259	PASS
		10	LCH	VN	-30	-1.76	-0.00212	PASS
					-20	-5.72	-0.0069	PASS
					-10	0.63	0.00076	PASS
					0	-1.72	-0.00207	PASS
					10	6.08	0.00733	PASS
					20	-1.89	-0.00228	PASS
					30	1.8	0.00217	PASS
					40	1.66	0.002	PASS
					50	-0.36	-0.00043	PASS
					MCH	VN	-30	-3.06
		-20	4.72	0.00564			PASS	
		-10	4.39	0.00525			PASS	
		0	2.9	0.00343			PASS	
		10	3.81	0.0045			PASS	
		20	-4.92	-0.00581			PASS	
		30	-3.98	-0.0048			PASS	
		40	0.94	0.00113			PASS	
		HCH	VN	-30	3.91	0.00467	PASS	
				-20	-4.68	-0.00559	PASS	
				-10	7.77	0.00929	PASS	
				0	-1.34	-0.00159	PASS	
				10	-1.24	-0.00147	PASS	
				20	-0.9	-0.00107	PASS	
				30	0.29	0.00034	PASS	
				40	0.11	0.00013	PASS	
		50	-1.79	-0.00217	PASS			

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND4	LTE/TM1	1.4	LCH	VN	-30	-13.9	-0.00813	PASS
					-20	6.12	0.00358	PASS
					-10	-0.97	-0.00057	PASS
					0	7.02	0.0041	PASS
					10	-3.13	-0.00183	PASS
					20	10.03	0.00586	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-9.2	-0.00538	PASS
					40	-3.46	-0.00202	PASS
					50	-7	-0.00409	PASS
			MCH	VN	-30	0.33	0.00019	PASS
					-20	-2.02	-0.00117	PASS
					-10	1.23	0.00071	PASS
					0	3.1	0.00179	PASS
					10	1.79	0.00103	PASS
					20	-0.82	-0.00047	PASS
					30	3.59	0.00207	PASS
					40	3.26	0.00188	PASS
					50	1.1	0.00063	PASS
			HCH	VN	-30	-11.56	-0.00659	PASS
					-20	-24.52	-0.01398	PASS
					-10	-15.81	-0.00901	PASS
					0	8.34	0.00475	PASS
					10	7.05	0.00402	PASS
					20	-9.7	-0.00553	PASS
		30			-10.3	-0.00587	PASS	
		40			16.04	0.00914	PASS	
		50			4.11	0.00234	PASS	
		3	LCH	VN	-30	-0.06	-0.00004	PASS
					-20	1.39	0.00081	PASS
					-10	-4.88	-0.00285	PASS
					0	1.79	0.00105	PASS
					10	-0.43	-0.00025	PASS
					20	-0.66	-0.00039	PASS
					30	1.99	0.00116	PASS
					40	-5.66	-0.00331	PASS
					50	1.37	0.0008	PASS
			MCH	VN	-30	1.27	0.00073	PASS
					-20	0.14	0.00008	PASS
					-10	0.82	0.00047	PASS
					0	-3.05	-0.00176	PASS
					10	2.9	0.00167	PASS
					20	-1.32	-0.00076	PASS
30	-2.2				-0.00127	PASS		
40	1.44				0.00083	PASS		
50	1.85				0.00107	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
			HCH	VN	-30	0.93	0.00053	PASS	
					-20	1.97	0.00112	PASS	
					-10	-0.33	-0.00019	PASS	
					0	2.56	0.00146	PASS	
					10	0.19	0.00011	PASS	
					20	-3.22	-0.00184	PASS	
					30	-0.3	-0.00017	PASS	
					40	-0.43	-0.00025	PASS	
					50	-2.59	-0.00148	PASS	
				LCH	VN	-30	-0.69	-0.0004	PASS
						-20	0.17	0.0001	PASS
						-10	-2.66	-0.00155	PASS
						0	-0.73	-0.00043	PASS
						10	-2.2	-0.00128	PASS
						20	1.62	0.00095	PASS
						30	-0.83	-0.00048	PASS
						40	-3.48	-0.00203	PASS
						50	-2.09	-0.00122	PASS
		MCH		VN	-30	0.73	0.00042	PASS	
					-20	1.83	0.00106	PASS	
					-10	2.3	0.00133	PASS	
					0	1.37	0.00079	PASS	
					10	-1.34	-0.00077	PASS	
					20	3.46	0.002	PASS	
					30	0.7	0.0004	PASS	
					40	0.51	0.00029	PASS	
					50	3.3	0.0019	PASS	
		HCH	VN	-30	-1.89	-0.00108	PASS		
				-20	-2.85	-0.00163	PASS		
				-10	-3.05	-0.00174	PASS		
				0	0.06	0.00003	PASS		
				10	-4.49	-0.00256	PASS		
				20	1.42	0.00081	PASS		
				30	-1.06	-0.0006	PASS		
				40	-0.77	-0.00044	PASS		
				50	-4.38	-0.0025	PASS		
		10	LCH	VN	-30	-3.48	-0.00203	PASS	
					-20	-1.95	-0.00114	PASS	
					-10	0.3	0.00017	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	-3.18	-0.00185	PASS
					10	-2.55	-0.00149	PASS
					20	-0.49	-0.00029	PASS
					30	0.96	0.00056	PASS
					40	-0.54	-0.00031	PASS
					50	-1.52	-0.00089	PASS
			MCH	VN	-30	0.16	0.00009	PASS
					-20	1.65	0.00095	PASS
					-10	0.72	0.00042	PASS
					0	0.67	0.00039	PASS
					10	0.49	0.00028	PASS
					20	-2.2	-0.00127	PASS
					30	-2.02	-0.00117	PASS
					40	2.47	0.00143	PASS
			HCH	VN	50	0.89	0.00051	PASS
					-30	7	0.004	PASS
					-20	3.29	0.00188	PASS
					-10	4.79	0.00274	PASS
					0	4.84	0.00277	PASS
					10	3.45	0.00197	PASS
					20	8.03	0.00459	PASS
		30			5.97	0.00341	PASS	
		15	LCH	VN	40	4.53	0.00259	PASS
					50	3.48	0.00199	PASS
					-30	-0.19	-0.00011	PASS
					-20	0.04	0.00002	PASS
					-10	-0.97	-0.00056	PASS
					0	0.11	0.00006	PASS
					10	-2.39	-0.00139	PASS
					20	-0.59	-0.00034	PASS
					30	-0.73	-0.00043	PASS
		MCH	VN	40	-1.07	-0.00062	PASS	
				50	0.53	0.00031	PASS	
				-30	0.79	0.00046	PASS	
				-20	1.67	0.00096	PASS	
				-10	0.34	0.0002	PASS	
				0	0	0	PASS	
		10	-0.39	-0.00023	PASS			
		20	0.54	0.00031	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					30	0.69	0.0004	PASS		
					40	1.34	0.00077	PASS		
					50	1.66	0.00096	PASS		
			HCH	VN	-30	0.43	0.00025	PASS		
					-20	0.07	0.00004	PASS		
					-10	-0.73	-0.00042	PASS		
					0	0.79	0.00045	PASS		
					10	-0.39	-0.00022	PASS		
					20	0.29	0.00017	PASS		
					30	0.62	0.00035	PASS		
					40	-0.99	-0.00057	PASS		
					50	-0.64	-0.00037	PASS		
					LCH	VN	-30	-0.79	-0.00046	PASS
							-20	-0.7	-0.00041	PASS
							-10	0.4	0.00023	PASS
		0	0.63	0.00037			PASS			
		10	-0.93	-0.00054			PASS			
		20	-0.76	-0.00044			PASS			
		30	0.46	0.00027			PASS			
		40	1	0.00058			PASS			
		50	0.46	0.00027			PASS			
		MCH	VN	-30	-0.44	-0.00025	PASS			
				-20	0.67	0.00039	PASS			
				-10	1.53	0.00088	PASS			
				0	-0.84	-0.00048	PASS			
				10	0.11	0.00006	PASS			
				20	-0.67	-0.00039	PASS			
				30	0.17	0.0001	PASS			
				40	0.74	0.00043	PASS			
				50	-0.07	-0.00004	PASS			
		HCH	VN	-30	-1.37	-0.00079	PASS			
				-20	-0.64	-0.00037	PASS			
				-10	0.29	0.00017	PASS			
				0	-0.47	-0.00027	PASS			
				10	-1.72	-0.00099	PASS			
				20	-1.65	-0.00095	PASS			
				30	-1.82	-0.00104	PASS			
				40	-0.76	-0.00044	PASS			
				50	-1.83	-0.00105	PASS			

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	1.4	LCH	VN	-30	0.83	0.00049	PASS
					-20	10.27	0.006	PASS
					-10	7.68	0.00449	PASS
					0	7.98	0.00466	PASS
					10	7.42	0.00434	PASS
					20	-5.16	-0.00302	PASS
					30	83.51	0.04882	PASS
					40	-3.19	-0.00186	PASS
					50	-4.29	-0.00251	PASS
			MCH	VN	-30	3.82	0.0022	PASS
					-20	-4.25	-0.00245	PASS
					-10	-0.62	-0.00036	PASS
					0	6.45	0.00372	PASS
					10	1.53	0.00088	PASS
					20	-0.72	-0.00042	PASS
					30	-0.73	-0.00042	PASS
					40	-2.35	-0.00136	PASS
					50	0.1	0.00006	PASS
			HCH	VN	-30	-4.38	-0.0025	PASS
					-20	-10.33	-0.00589	PASS
					-10	-3.45	-0.00197	PASS
					0	-3.82	-0.00218	PASS
					10	4.28	0.00244	PASS
					20	5.46	0.00311	PASS
		30			8.93	0.00509	PASS	
		40			-9.98	-0.00569	PASS	
		50			-7.51	-0.00428	PASS	
		3	LCH	VN	-30	0.74	0.00043	PASS
					-20	0.83	0.00048	PASS
					-10	-5.21	-0.00304	PASS
					0	1.32	0.00077	PASS
					10	3.49	0.00204	PASS
					20	3.49	0.00204	PASS
					30	1.85	0.00108	PASS
					40	-5.98	-0.00349	PASS
					50	1.16	0.00068	PASS
MCH	VN		-30	1.89	0.00109	PASS		
			-20	1.2	0.00069	PASS		
			-10	1.03	0.00059	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					0	3.28	0.00189	PASS		
					10	1.17	0.00068	PASS		
					20	-3.03	-0.00175	PASS		
					30	3.49	0.00201	PASS		
					40	1.02	0.00059	PASS		
					50	-0.97	-0.00056	PASS		
			HCH	VN	-30	1.69	0.00096	PASS		
					-20	2.09	0.00119	PASS		
					-10	-7.75	-0.00442	PASS		
					0	1.6	0.00091	PASS		
					10	6.12	0.00349	PASS		
					20	0.2	0.00011	PASS		
			LCH	VN	30	-3.73	-0.00213	PASS		
					40	-6.27	-0.00358	PASS		
					50	-6.95	-0.00396	PASS		
					-30	-0.17	-0.0001	PASS		
					-20	1.95	0.00114	PASS		
					-10	0.14	0.00008	PASS		
		MCH	VN	0	-1.62	-0.00095	PASS			
				10	1.69	0.00099	PASS			
				20	-0.51	-0.0003	PASS			
				30	-4.26	-0.00249	PASS			
				40	-2.3	-0.00134	PASS			
				50	-0.31	-0.00018	PASS			
		HCH	VN	-30	0.13	0.00008	PASS			
				-20	1.09	0.00063	PASS			
				-10	-0.24	-0.00014	PASS			
				0	0.17	0.0001	PASS			
				10	-0.31	-0.00018	PASS			
				20	-0.99	-0.00057	PASS			
		5					30	0.27	0.00016	PASS
							40	1.03	0.00059	PASS
							50	0.97	0.00056	PASS
							-30	-4.76	-0.00272	PASS
							-20	-2.72	-0.00155	PASS
							-10	-1.23	-0.0007	PASS
							0	-4.15	-0.00237	PASS
							10	-1.29	-0.00074	PASS
							20	0.11	0.00006	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict									
					30	0.89	0.00051	PASS									
					40	-2.59	-0.00148	PASS									
					50	-3.52	-0.00201	PASS									
					LCH	VN	-30	0.53	0.00031	PASS							
							-20	-1.2	-0.0007	PASS							
							-10	0.73	0.00043	PASS							
							0	-0.31	-0.00018	PASS							
							10	1.59	0.00093	PASS							
							20	-0.06	-0.00003	PASS							
					30	-1.8	-0.00105	PASS									
					40	-1.59	-0.00093	PASS									
					50	-0.72	-0.00042	PASS									
					MCH	VN	-30	-0.19	-0.00011	PASS							
							-20	-1.12	-0.00065	PASS							
							-10	1.99	0.00115	PASS							
							0	0.51	0.00029	PASS							
							10	3.91	0.00226	PASS							
							20	1.14	0.00066	PASS							
					HCH	VN	30	0.46	0.00027	PASS							
							40	0.86	0.0005	PASS							
							50	0.56	0.00032	PASS							
				-30			2.03	0.00116	PASS								
				-20			1.34	0.00077	PASS								
				-10			1.65	0.00094	PASS								
									0	3.15	0.0018	PASS					
									10	3	0.00171	PASS					
									20	-1.52	-0.00087	PASS					
									30	2	0.00114	PASS					
									40	4.85	0.00277	PASS					
									50	2.82	0.00161	PASS					
														-30	-0.73	-0.00043	PASS
														-20	-0.19	-0.00011	PASS
														-10	1.49	0.00087	PASS
0	-1.32	-0.00077	PASS														
10	0.86	0.0005	PASS														
20	-0.16	-0.00009	PASS														
30	0.83	0.00048	PASS														
40	0.31	0.00018	PASS														
50	0.44	0.00026	PASS														



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	VN	-30	-0.31	-0.00018	PASS
					-20	1.96	0.00113	PASS
					-10	-0.77	-0.00044	PASS
					0	1.1	0.00063	PASS
					10	1.66	0.00096	PASS
					20	-0.27	-0.00016	PASS
					30	-0.84	-0.00048	PASS
					40	2.02	0.00117	PASS
					50	-0.06	-0.00003	PASS
			HCH	VN	-30	1.46	0.00084	PASS
					-20	0.51	0.00029	PASS
					-10	0.26	0.00015	PASS
					0	0.51	0.00029	PASS
					10	2.9	0.00166	PASS
					20	0.49	0.00028	PASS
					30	1.32	0.00076	PASS
					40	1.04	0.0006	PASS
					50	1.39	0.0008	PASS
		20	LCH	VN	-30	-2.83	-0.00165	PASS
					-20	-1.82	-0.00106	PASS
					-10	-3.1	-0.0018	PASS
					0	-1.57	-0.00091	PASS
					10	-1.54	-0.0009	PASS
					20	-2.35	-0.00137	PASS
					30	-2.17	-0.00126	PASS
					40	-1	-0.00058	PASS
					50	-0.56	-0.00033	PASS
			MCH	VN	-30	-1.14	-0.00066	PASS
					-20	-1.16	-0.00067	PASS
					-10	0.03	0.00002	PASS
					0	0.69	0.0004	PASS
					10	-1.53	-0.00088	PASS
					20	-0.11	-0.00006	PASS
					30	0.03	0.00002	PASS
					40	-0.07	-0.00004	PASS
					50	-1.12	-0.00065	PASS
HCH	VN	-30	-1.76	-0.00101	PASS			
		-20	-1.63	-0.00093	PASS			
		-10	-2.36	-0.00135	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND12	LTE/TM1	1.4	LCH	VN	0	-2.95	-0.00169	PASS
					10	-1.97	-0.00113	PASS
					20	-0.6	-0.00034	PASS
					30	-1.27	-0.00073	PASS
					40	-2.59	-0.00148	PASS
					50	-1.97	-0.00113	PASS
		1.4	MCH	VN	-30	-0.41	-0.00059	PASS
					-20	2.78	0.00397	PASS
					-10	3.88	0.00555	PASS
					0	-9.94	-0.01421	PASS
					10	15.26	0.02181	PASS
					20	-4.19	-0.00599	PASS
					30	-8.43	-0.01205	PASS
					40	-12.87	-0.01839	PASS
					50	11.83	0.01691	PASS
					-30	-7.82	-0.01105	PASS
					-20	-0.14	-0.0002	PASS
					-10	-6.48	-0.00916	PASS
					0	-11.66	-0.01648	PASS
					10	8	0.01131	PASS
					20	1.92	0.00271	PASS
30	9.86	0.01394	PASS					
40	6.21	0.00878	PASS					
50	-6.61	-0.00934	PASS					
1.4	HCH	VN	-30	1.46	0.00204	PASS		
			-20	-0.4	-0.00056	PASS		
			-10	3.85	0.00538	PASS		
			0	-5.76	-0.00805	PASS		
			10	2.45	0.00343	PASS		
			20	8.4	0.01174	PASS		
			30	10.39	0.01453	PASS		
			40	2.88	0.00403	PASS		
			50	9.68	0.01353	PASS		
3	LCH	VN	-30	1.9	0.00271	PASS		
			-20	-4.29	-0.00612	PASS		
			-10	-4.45	-0.00635	PASS		
			0	4.48	0.0064	PASS		
			10	1.76	0.00251	PASS		
			20	4.58	0.00654	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	4.16	0.00594	PASS
					40	-1.66	-0.00237	PASS
					50	10.2	0.01456	PASS
			MCH	VN	-30	1	0.00141	PASS
					-20	-3.29	-0.00465	PASS
					-10	-0.44	-0.00062	PASS
					0	-6.47	-0.00914	PASS
					10	-4.03	-0.0057	PASS
					20	-3.49	-0.00493	PASS
					30	-1.95	-0.00276	PASS
					40	-0.43	-0.00061	PASS
					50	3.18	0.00449	PASS
					HCH	VN	-30	3.95
			-20	-0.21			-0.00029	PASS
			-10	1.97			0.00276	PASS
			0	1.3			0.00182	PASS
			10	3.22			0.00451	PASS
			20	-3.93			-0.0055	PASS
		30	-0.63	-0.00088			PASS	
		40	2.39	0.00334			PASS	
		5	LCH	VN	-30	3.09	0.0044	PASS
					-20	0.7	0.001	PASS
					-10	-6.38	-0.00909	PASS
					0	4.01	0.00572	PASS
					10	0.29	0.00041	PASS
					20	1.02	0.00145	PASS
					30	2.82	0.00402	PASS
					40	-0.41	-0.00058	PASS
					50	-1.65	-0.00235	PASS
					MCH	VN	-30	-3.91
			-20	4.89			0.00691	PASS
			-10	2.9			0.0041	PASS
			0	4.63			0.00654	PASS
			10	1.49	0.00211	PASS		
		20	-1.12	-0.00158	PASS			
		30	-4.22	-0.00596	PASS			
		40	0.66	0.00093	PASS			
		50	1.9	0.00269	PASS			

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
			HCH	VN	-30	1.95	0.00273	PASS	
					-20	1.34	0.00188	PASS	
					-10	-3.26	-0.00457	PASS	
					0	0.96	0.00135	PASS	
					10	2.99	0.00419	PASS	
					20	-2.4	-0.00336	PASS	
					30	4.42	0.00619	PASS	
					40	-4.21	-0.0059	PASS	
					50	7.97	0.01117	PASS	
			LCH	VN	-30	2.68	0.00381	PASS	
					-20	-0.21	-0.0003	PASS	
					-10	-1.72	-0.00244	PASS	
					0	0.69	0.00098	PASS	
					10	2.7	0.00384	PASS	
					20	-0.19	-0.00027	PASS	
					30	-2.96	-0.0042	PASS	
					40	1.5	0.00213	PASS	
					50	2.52	0.00358	PASS	
		MCH	VN	-30	2.33	0.00329	PASS		
				-20	1.69	0.00239	PASS		
				-10	-3.86	-0.00546	PASS		
				0	0.44	0.00062	PASS		
				10	1.59	0.00225	PASS		
				20	-1.33	-0.00188	PASS		
				30	1.8	0.00254	PASS		
				40	-1.33	-0.00188	PASS		
				50	-0.37	-0.00052	PASS		
		HCH	VN	-30	0.6	0.00084	PASS		
				-20	0.41	0.00058	PASS		
				-10	-0.73	-0.00103	PASS		
				0	-0.19	-0.00027	PASS		
				10	0	0	PASS		
				20	0.44	0.00062	PASS		
				30	0.34	0.00048	PASS		
				40	-1.96	-0.00276	PASS		
				50	-0.3	-0.00042	PASS		
		LTE/TM2	1.4	LCH	VN	-30	-6.18	-0.00883	PASS
						-20	0.17	0.00024	PASS
						-10	-5.39	-0.0077	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					0	-5.54	-0.00792	PASS		
					10	-7.3	-0.01043	PASS		
					20	-2.59	-0.0037	PASS		
					30	6.84	0.00978	PASS		
					40	3.15	0.0045	PASS		
					50	-8.4	-0.01201	PASS		
			MCH	VN	-30	-4.19	-0.00592	PASS		
					-20	-0.13	-0.00018	PASS		
					-10	5.29	0.00748	PASS		
					0	-4.11	-0.00581	PASS		
					10	7.58	0.01071	PASS		
					20	3.25	0.00459	PASS		
					30	-5.05	-0.00714	PASS		
					40	10.01	0.01415	PASS		
			HCH	VN	50	-1.56	-0.0022	PASS		
					-30	4.02	0.00562	PASS		
					-20	-9.97	-0.01394	PASS		
					-10	1.4	0.00196	PASS		
		0			1.89	0.00264	PASS			
		10			-9.41	-0.01316	PASS			
		20			3.15	0.0044	PASS			
		30			-7.15	-0.01	PASS			
		3	LCH	VN	40	-2.89	-0.00404	PASS		
					50	-1.82	-0.00254	PASS		
					-30	-7.93	-0.01132	PASS		
					-20	2.73	0.0039	PASS		
					-10	-6.52	-0.00931	PASS		
					0	2.9	0.00414	PASS		
					10	4.75	0.00678	PASS		
			MCH	VN	20	-0.47	-0.00067	PASS		
					30	-3.99	-0.0057	PASS		
					40	-8.25	-0.01178	PASS		
					50	-1.73	-0.00247	PASS		
					-30	2.92	0.00413	PASS		
					-20	2	0.00283	PASS		
					-10	-6.21	-0.00878	PASS		
							0	-1.53	-0.00216	PASS
							10	3.66	0.00517	PASS
							20	6.47	0.00914	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					30	-4.92	-0.00695	PASS			
					40	1.54	0.00218	PASS			
					50	-1.76	-0.00249	PASS			
			HCH	VN	-30	8.88	0.01243	PASS			
					-20	12.22	0.0171	PASS			
					-10	10.04	0.01405	PASS			
					0	-3.62	-0.00507	PASS			
					10	0.74	0.00104	PASS			
					20	-1.62	-0.00227	PASS			
					30	4.16	0.00582	PASS			
					40	0.6	0.00084	PASS			
					50	5.22	0.00731	PASS			
					5	LCH	VN	-30	3.35	0.00478	PASS
								-20	-1.79	-0.00255	PASS
								-10	3.32	0.00473	PASS
		0	-2.4	-0.00342				PASS			
		10	3.48	0.00496				PASS			
		20	9.13	0.01301				PASS			
		30	5.36	0.00764				PASS			
		40	1.72	0.00245				PASS			
		50	-2.27	-0.00324				PASS			
		MCH	VN	-30				4.68	0.00661	PASS	
				-20				-0.86	-0.00122	PASS	
				-10				4.45	0.00629	PASS	
				0				-1.66	-0.00235	PASS	
				10				4.32	0.00611	PASS	
				20				-1.29	-0.00182	PASS	
				30	3.68	0.0052	PASS				
				40	3.15	0.00445	PASS				
		HCH	VN	50	-5.85	-0.00827	PASS				
				-30	2.42	0.00339	PASS				
				-20	0	0	PASS				
				-10	1.7	0.00238	PASS				
				0	-0.36	-0.0005	PASS				
				10	-3.66	-0.00513	PASS				
				20	-1.07	-0.0015	PASS				
				30	2.82	0.00395	PASS				
		40	-4.94	-0.00692	PASS						
		50	0.87	0.00122	PASS						



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		10	LCH	VN	-30	-1.29	-0.00183	PASS
					-20	-3.28	-0.00466	PASS
					-10	1.42	0.00202	PASS
					0	-2.43	-0.00345	PASS
					10	-2.49	-0.00354	PASS
					20	-0.26	-0.00037	PASS
					30	1.29	0.00183	PASS
					40	-2.15	-0.00305	PASS
					50	-0.04	-0.00006	PASS
			MCH	VN	-30	1.4	0.00198	PASS
					-20	-1.32	-0.00187	PASS
					-10	-2.13	-0.00301	PASS
					0	-1.16	-0.00164	PASS
					10	-0.11	-0.00016	PASS
					20	0.01	0.00001	PASS
					30	-0.77	-0.00109	PASS
					40	0.54	0.00076	PASS
					50	-1.32	-0.00187	PASS
			HCH	VN	-30	-0.76	-0.00107	PASS
					-20	-0.6	-0.00084	PASS
					-10	-0.14	-0.0002	PASS
					0	0.83	0.00117	PASS
					10	-0.47	-0.00066	PASS
					20	-0.29	-0.00041	PASS
					30	-1.4	-0.00197	PASS
					40	-1.36	-0.00191	PASS
					50	-0.8	-0.00113	PASS

END