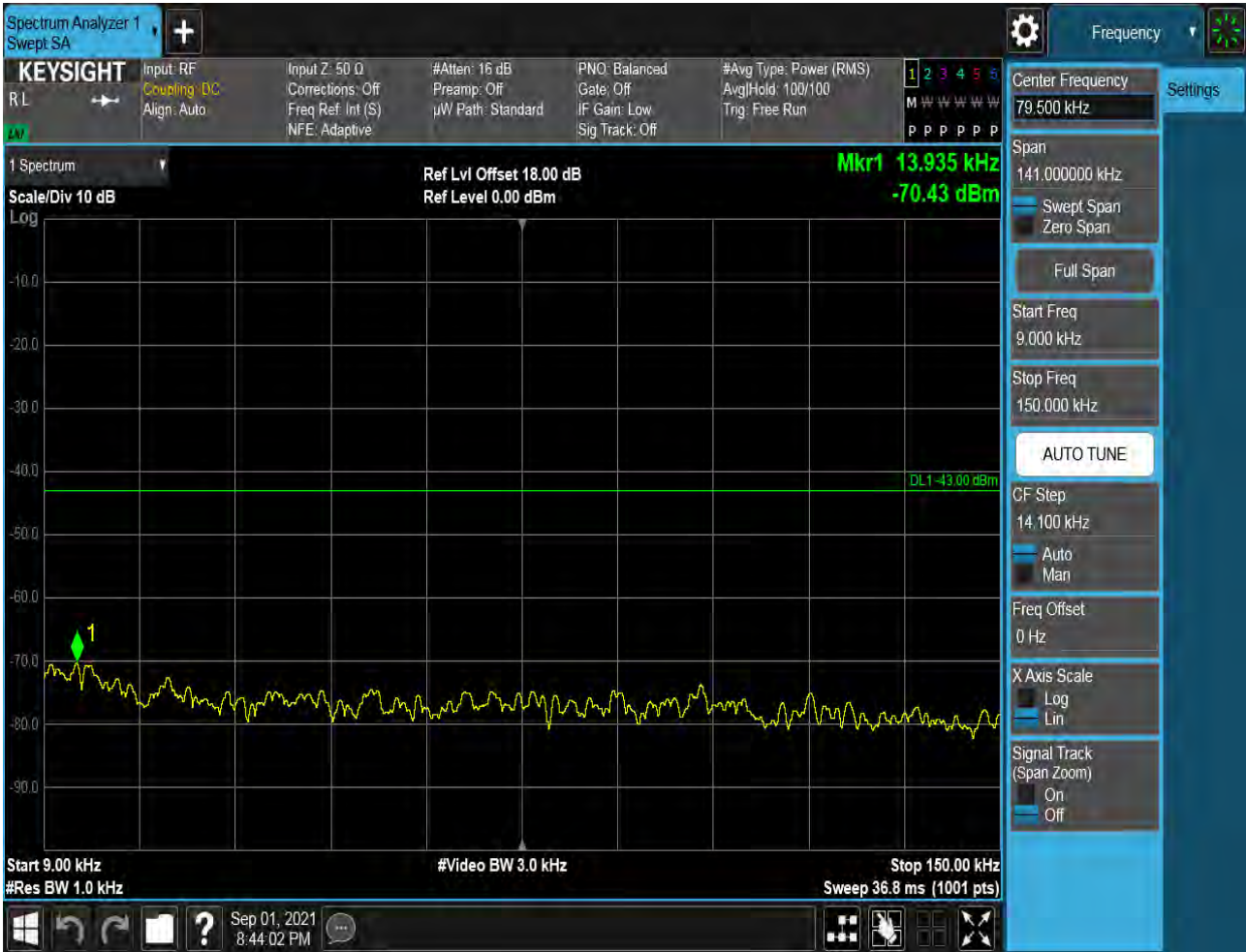
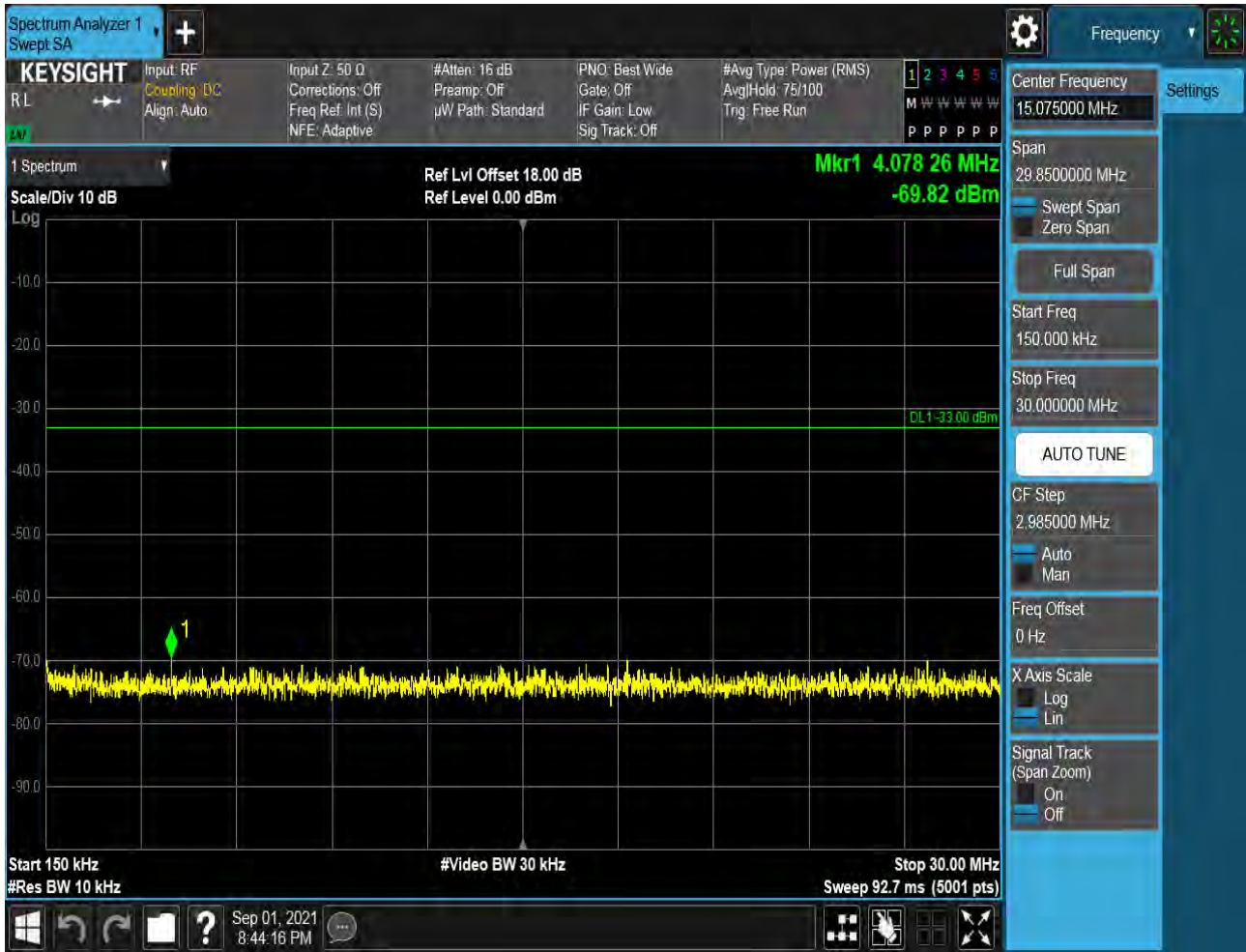


### 6.2.1.2.6.3 Test Channel = HCH

#### 6.2.1.2.6.3.1 Test RB = RB1#0







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

Note 1: We tested all modes & antennas, the data presented below is the worst case.

Note 2: For Below 30MHz, the data presented below is the worst case for all Channel Bandwidth.

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

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

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

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

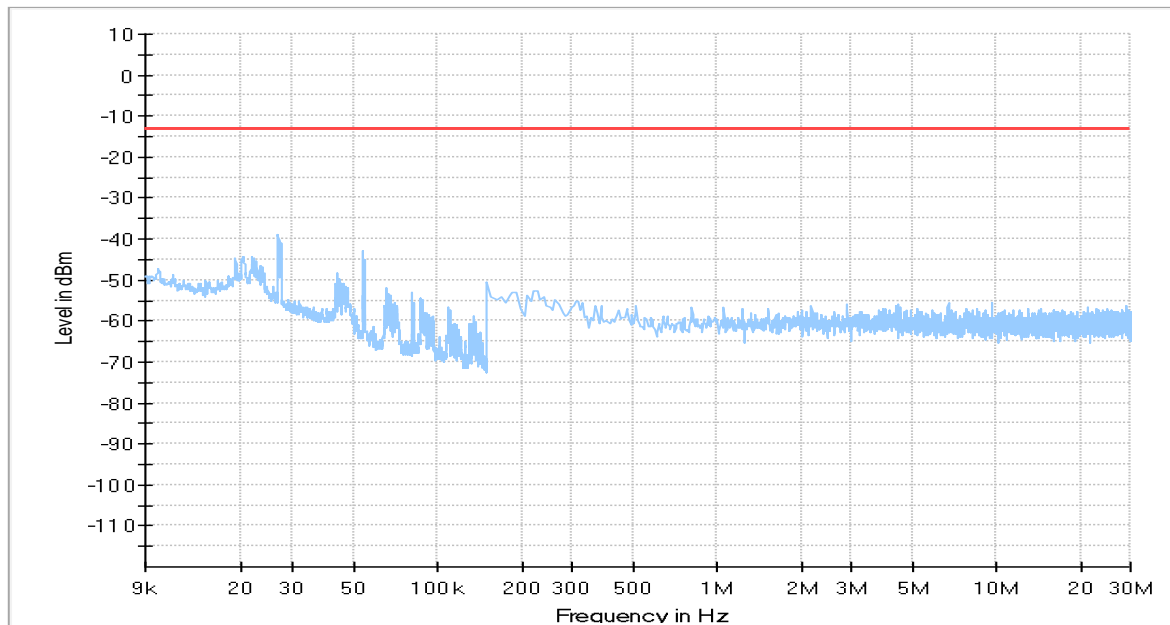
### Part I - Test Plots

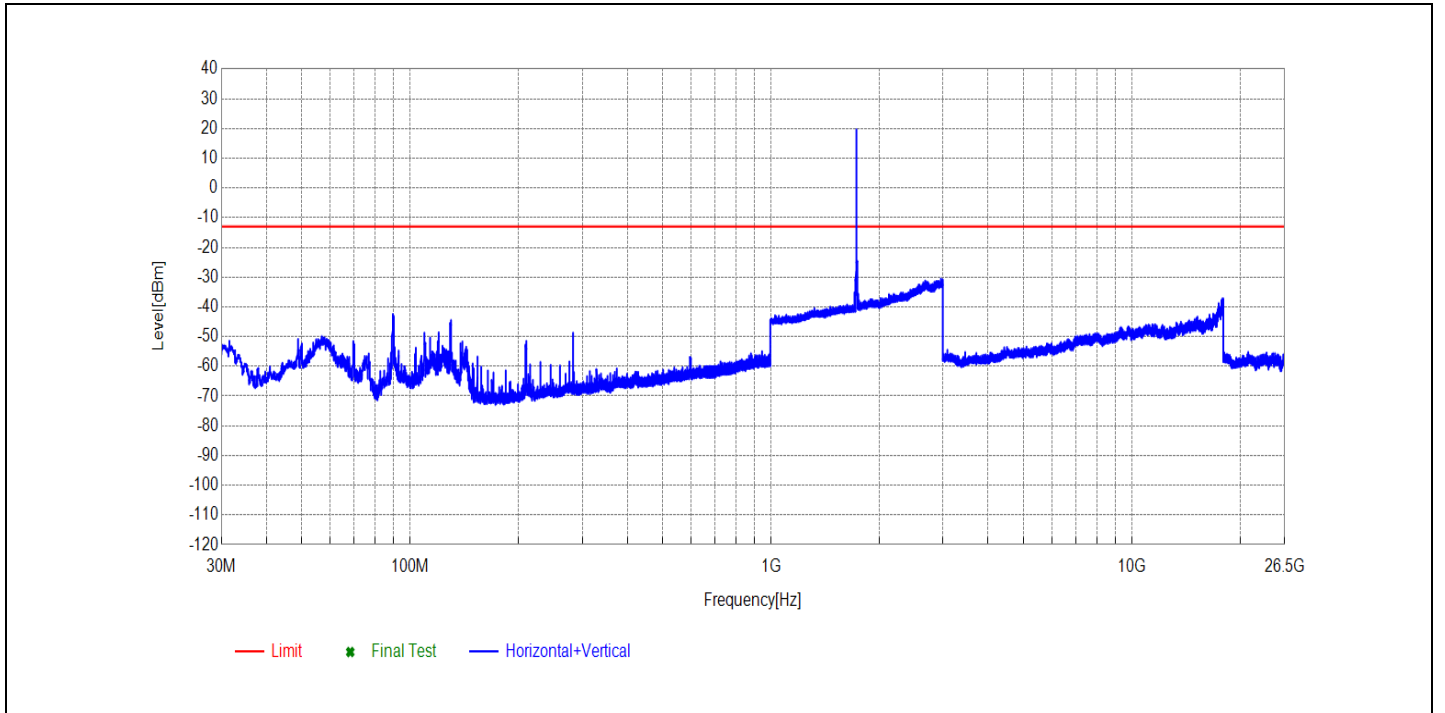
#### 7.1 For LTE

##### 7.1.1 Test Band = Band4

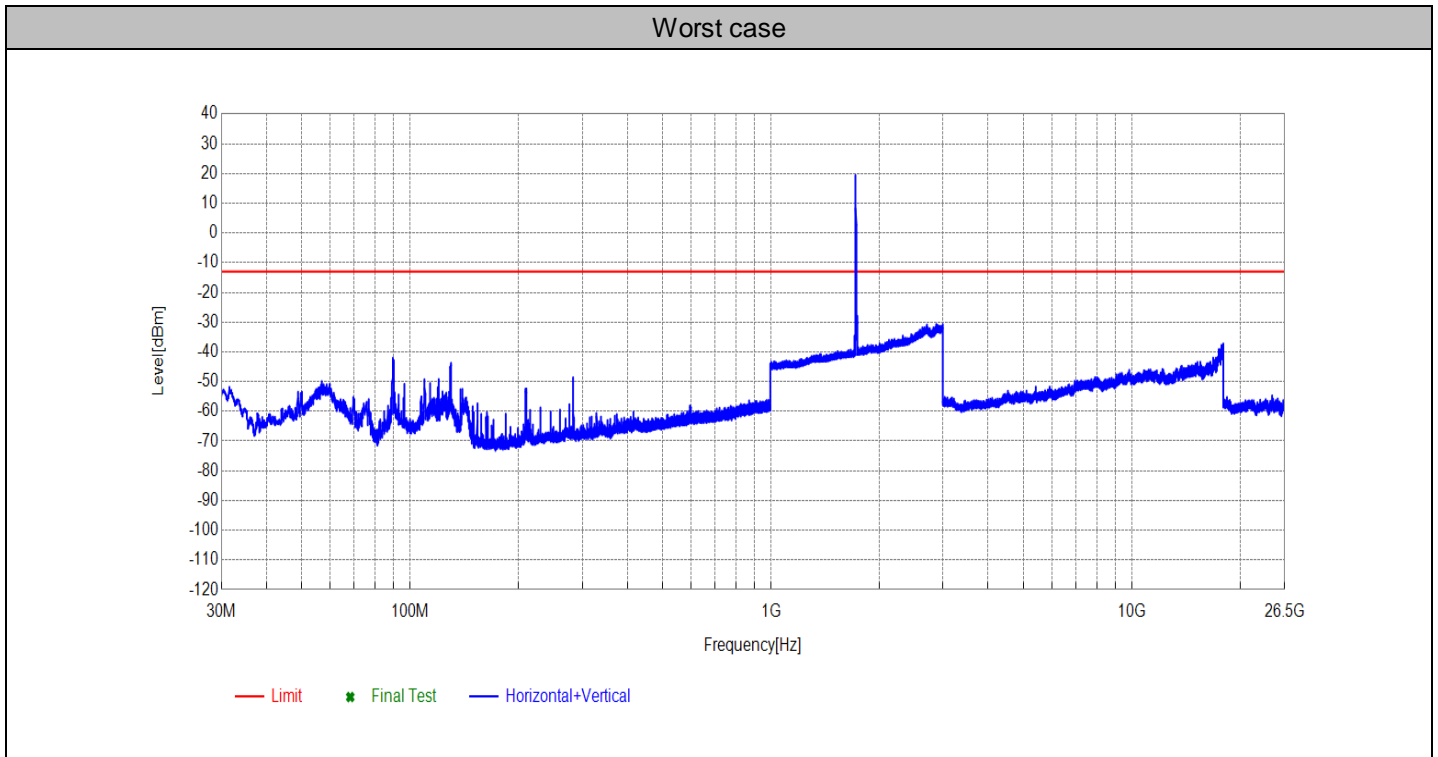
##### 7.1.1.1 Test Bandwidth = 1.4

Worst case





### 7.1.1.2 Test Bandwidth = 20



## 8Appendix\_H: Frequency Stability

### 8.1 For LTE

#### 8.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
Band4	LTE/TM1	1.4	LCH	TN	VL	2.01702	0.00118	PASS
					VN	-73.87161	-0.04318	PASS
					VH	10.31399	0.00603	PASS
			MCH	TN	VL	-12.18796	-0.00703	PASS
					VN	3.31879	0.00192	PASS
					VH	87.40425	0.05045	PASS
			HCH	TN	VL	66.90502	0.03814	PASS
					VN	1.60217	0.00091	PASS
					VH	28.93925	0.01650	PASS
		3	LCH	TN	VL	12.44545	0.00727	PASS
					VN	8.58307	0.00501	PASS
					VH	3.61919	0.00211	PASS
			MCH	TN	VL	4.54903	0.00263	PASS
					VN	1.01566	0.00059	PASS
					VH	-2.57492	-0.00149	PASS
			HCH	TN	VL	7.19547	0.00410	PASS
					VN	6.10828	0.00348	PASS
					VH	1.67370	0.00095	PASS
		5	LCH	TN	VL	6.55174	0.00383	PASS
					VN	0.02861	0.00002	PASS
					VH	-3.60489	-0.00211	PASS
			MCH	TN	VL	8.91209	0.00514	PASS
					VN	-1.24455	-0.00072	PASS
					VH	3.46184	0.00200	PASS
			HCH	TN	VL	3.23296	0.00184	PASS
					VN	5.02109	0.00287	PASS
					VH	-5.86510	-0.00335	PASS
		10	LCH	TN	VL	2.64645	0.00154	PASS
					VN	5.29289	0.00309	PASS
					VH	1.33038	0.00078	PASS
			MCH	TN	VL	-2.18868	-0.00126	PASS
					VN	-1.67370	-0.00097	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
		15	HCH	TN	VH	-2.27451	-0.00131	PASS			
					VL	-0.52929	-0.00030	PASS			
					VN	3.14712	0.00180	PASS			
					VH	-2.41756	-0.00138	PASS			
			LCH	TN	VL	0.48637	0.00028	PASS			
					VN	0.80109	0.00047	PASS			
					VH	1.13010	0.00066	PASS			
					MCH	TN	VL	-3.29018	-0.00190	PASS	
							VN	-1.61648	-0.00093	PASS	
							VH	-1.70231	-0.00098	PASS	
			HCH	TN	VL	-0.85831	-0.00049	PASS			
					VN	2.67506	0.00153	PASS			
		VH			-0.97275	-0.00056	PASS				
		20			LCH	TN	VL	0.65804	0.00038	PASS	
							VN	0.08583	0.00005	PASS	
							VH	-0.67234	-0.00039	PASS	
			MCH	TN		VL	-1.07288	-0.00062	PASS		
						VN	-1.25885	-0.00073	PASS		
						VH	-0.98705	-0.00057	PASS		
		HCH	TN	VL	-0.42915	-0.00025	PASS				
				VN	3.84808	0.00221	PASS				
				VH	5.52177	0.00316	PASS				
		LTE/TM2	1.4	LCH	TN	VL	-7.49588	-0.00438	PASS		
						VN	74.28646	0.04342	PASS		
						VH	-9.04083	-0.00528	PASS		
						MCH	TN	VL	56.57673	0.03266	PASS
								VN	-32.30095	-0.01864	PASS
								VH	69.35120	0.04003	PASS
				HCH	TN	VL	-107.47430	-0.06126	PASS		
						VN	-6.53744	-0.00373	PASS		
						VH	-105.28560	-0.06002	PASS		
				3	LCH	TN	VL	1.91688	0.00112	PASS	
							VN	-2.77519	-0.00162	PASS	
							VH	3.57628	0.00209	PASS	
			MCH				TN	VL	-2.67506	-0.00154	PASS
								VN	4.09126	0.00236	PASS
								VH	-0.47207	-0.00027	PASS
			HCH	TN	VL	-12.34531	-0.00704	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-0.55790	-0.00032	PASS
					VH	6.02245	0.00343	PASS
		5	LCH	TN	VL	3.27587	0.00191	PASS
					VN	-2.67506	-0.00156	PASS
					VH	-2.83241	-0.00165	PASS
			MCH	TN	VL	-0.94414	-0.00054	PASS
					VN	-3.69072	-0.00213	PASS
					VH	8.55446	0.00494	PASS
			HCH	TN	VL	6.48022	0.00370	PASS
					VN	-0.58651	-0.00033	PASS
					VH	4.92096	0.00281	PASS
		10	LCH	TN	VL	-1.13010	-0.00066	PASS
					VN	6.59466	0.00385	PASS
					VH	3.96252	0.00231	PASS
			MCH	TN	VL	-3.31879	-0.00192	PASS
					VN	3.79086	0.00219	PASS
					VH	-1.02997	-0.00059	PASS
			HCH	TN	VL	3.40462	0.00195	PASS
					VN	2.07424	0.00119	PASS
					VH	-1.83106	-0.00105	PASS
		15	LCH	TN	VL	3.10421	0.00181	PASS
					VN	1.91688	0.00112	PASS
					VH	1.08719	0.00063	PASS
			MCH	TN	VL	1.61648	0.00093	PASS
					VN	-0.97275	-0.00056	PASS
					VH	-1.33038	-0.00077	PASS
			HCH	TN	VL	3.21865	0.00184	PASS
					VN	-2.80380	-0.00160	PASS
					VH	-0.35763	-0.00020	PASS
		20	LCH	TN	VL	0.20027	0.00012	PASS
					VN	-1.40190	-0.00082	PASS
					VH	0.74387	0.00043	PASS
			MCH	TN	VL	2.68936	0.00155	PASS
					VN	-1.07288	-0.00062	PASS
					VH	-2.74658	-0.00159	PASS
			HCH	TN	VL	1.33038	0.00076	PASS
					VN	-1.73092	-0.00099	PASS
					VH	-1.07288	-0.00061	PASS

8.1.2 Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
Band4	LTE/TM1	1.4	LCH	VN	-30	-53.37238	-0.03120	PASS
					-20	-29.85477	-0.01745	PASS
					-10	-100.86540	-0.05896	PASS
					0	54.13055	0.03164	PASS
					10	-92.42535	-0.05403	PASS
					20	-73.87161	-0.04318	PASS
					30	0.44346	0.00026	PASS
					40	-76.26057	-0.04458	PASS
					50	-92.31091	-0.05396	PASS
			MCH	VN	-30	1.15871	0.00067	PASS
					-20	21.67225	0.01251	PASS
					-10	83.32729	0.04810	PASS
					0	167.15530	0.09648	PASS
					10	8.01086	0.00462	PASS
					20	3.31879	0.00192	PASS
					30	62.85667	0.03628	PASS
					40	7.10964	0.00410	PASS
					50	96.90285	0.05593	PASS
		HCH	VN	-30	-120.46340	-0.06867	PASS	
				-20	6.27994	0.00358	PASS	
				-10	-7.08103	-0.00404	PASS	
				0	84.45740	0.04814	PASS	
				10	16.72268	0.00953	PASS	
				20	1.60217	0.00091	PASS	
				30	166.12530	0.09470	PASS	
				40	2.77519	0.00158	PASS	
				50	-101.62350	-0.05793	PASS	
		3	LCH	VN	-30	5.20706	0.00304	PASS
					-20	0.62943	0.00037	PASS
					-10	5.75066	0.00336	PASS
					0	7.41005	0.00433	PASS
					10	8.78334	0.00513	PASS
					20	8.58307	0.00501	PASS
30	5.03540				0.00294	PASS		
40	-2.16007				-0.00126	PASS		
50	3.70503				0.00216	PASS		
MCH	VN		-30	-8.46863	-0.00489	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-5.27859	-0.00305	PASS
					-10	1.58787	0.00092	PASS
					0	4.83513	0.00279	PASS
					10	2.98977	0.00173	PASS
					20	1.01566	0.00059	PASS
					30	10.57148	0.00610	PASS
					40	7.55310	0.00436	PASS
					50	0.37193	0.00021	PASS
			HCH	VN	-30	7.09534	0.00405	PASS
					-20	1.77383	0.00101	PASS
					-10	8.66890	0.00494	PASS
					0	-8.02517	-0.00458	PASS
					10	1.28746	0.00073	PASS
					20	6.10828	0.00348	PASS
		30			0.07153	0.00004	PASS	
		40			4.37737	0.00250	PASS	
		50	-2.70367	-0.00154	PASS			
		5	LCH	VN	-30	-0.40054	-0.00023	PASS
					-20	-1.08719	-0.00063	PASS
					-10	0.80109	0.00047	PASS
					0	7.20978	0.00421	PASS
					10	12.61711	0.00737	PASS
					20	0.02861	0.00002	PASS
					30	5.16415	0.00302	PASS
					40	6.78062	0.00396	PASS
			50	0.78678	0.00046	PASS		
			MCH	VN	-30	1.15871	0.00067	PASS
					-20	-1.57356	-0.00091	PASS
					-10	3.07560	0.00178	PASS
					0	2.13146	0.00123	PASS
					10	7.98225	0.00461	PASS
					20	-1.24455	-0.00072	PASS
					30	-6.06537	-0.00350	PASS
		40			6.62327	0.00382	PASS	
		50	-3.01838	-0.00174	PASS			
		HCH	VN	-30	-2.67506	-0.00153	PASS	
				-20	-6.49452	-0.00371	PASS	
				-10	2.97546	0.00170	PASS	
				0	3.70503	0.00211	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	-0.95844	-0.00055	PASS		
					20	5.02109	0.00287	PASS		
					30	6.85215	0.00391	PASS		
					40	1.20163	0.00069	PASS		
					50	1.51634	0.00087	PASS		
		10	LCH	VN	-30	-0.11444	-0.00007	PASS		
					-20	6.03676	0.00352	PASS		
					-10	0.82970	0.00048	PASS		
					0	0.24319	0.00014	PASS		
					10	2.48909	0.00145	PASS		
					20	5.29289	0.00309	PASS		
					30	-0.75817	-0.00044	PASS		
					40	3.13282	0.00183	PASS		
					50	-0.68665	-0.00040	PASS		
					MCH	VN	-30	1.21593	0.00070	PASS
							-20	5.55039	0.00320	PASS
							-10	2.58923	0.00149	PASS
							0	0.47207	0.00027	PASS
							10	0.91553	0.00053	PASS
					HCH	VN	20	-1.67370	-0.00097	PASS
		30	3.34740	0.00193			PASS			
		40	-0.62943	-0.00036			PASS			
		50	0.44346	0.00026			PASS			
		-30	1.02997	0.00059			PASS			
		-20	-3.41892	-0.00195			PASS			
		-10	5.09262	0.00291			PASS			
		0	2.16007	0.00123			PASS			
		15	LCH	VN	10	1.64509	0.00094	PASS		
					20	3.14712	0.00180	PASS		
					30	-5.17845	-0.00296	PASS		
					40	-0.02861	-0.00002	PASS		
					50	1.17302	0.00067	PASS		
					-30	-1.40190	-0.00082	PASS		
-20	1.65939				0.00097	PASS				
-10	2.27451				0.00132	PASS				
0	3.34740				0.00195	PASS				
10	0.65804				0.00038	PASS				
20	0.80109	0.00047	PASS							
30	3.34740	0.00195	PASS							

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					40	-4.87804	-0.00284	PASS	
					50	-7.48158	-0.00436	PASS	
			MCH	VN	-30	-0.91553	-0.00053	PASS	
					-20	0.35763	0.00021	PASS	
					-10	2.70367	0.00156	PASS	
					0	3.59058	0.00207	PASS	
					10	0.57220	0.00033	PASS	
					20	-1.61648	-0.00093	PASS	
					30	0.60081	0.00035	PASS	
					40	6.22272	0.00359	PASS	
					50	5.20706	0.00301	PASS	
					HCH	VN	-30	1.75953	0.00101
			-20	-0.61512			-0.00035	PASS	
			-10	2.83241			0.00162	PASS	
			0	-0.67234			-0.00038	PASS	
			10	-1.31607			-0.00075	PASS	
			20	2.67506			0.00153	PASS	
			30	0.38624			0.00022	PASS	
		40	-1.30177	-0.00074			PASS		
		50	-0.91553	-0.00052	PASS				
		20		LCH	VN	-30	-4.53472	-0.00264	PASS
						-20	1.10149	0.00064	PASS
						-10	-0.01431	-0.00001	PASS
						0	2.00272	0.00116	PASS
						10	0.21458	0.00012	PASS
						20	0.08583	0.00005	PASS
						30	-1.25885	-0.00073	PASS
						40	-0.44346	-0.00026	PASS
						50	0.10014	0.00006	PASS
				MCH	VN	-30	0.00000	0.00000	PASS
						-20	-0.22888	-0.00013	PASS
						-10	1.73092	0.00100	PASS
						0	2.54631	0.00147	PASS
10	1.05858					0.00061	PASS		
20	-1.25885					-0.00073	PASS		
HCH	VN	30	1.24455	0.00072	PASS				
		40	-0.94414	-0.00054	PASS				
		50	2.64645	0.00153	PASS				
			HCH	VN	-30	1.43051	0.00082	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	2.68936	0.00154	PASS	
					-10	0.82970	0.00048	PASS	
					0	-1.20163	-0.00069	PASS	
					10	-1.68800	-0.00097	PASS	
					20	3.84808	0.00221	PASS	
					30	-0.11444	-0.00007	PASS	
					40	-1.15871	-0.00066	PASS	
					50	1.80244	0.00103	PASS	
	LTE/TM2	1.4		LCH	VN	-30	-7.28130	-0.00426	PASS
						-20	28.61023	0.01672	PASS
						-10	-79.96559	-0.04674	PASS
						0	-210.35670	-0.12297	PASS
						10	9.41277	0.00550	PASS
						20	74.28646	0.04342	PASS
						30	-185.03670	-0.10816	PASS
						40	-69.68021	-0.04073	PASS
				50	-47.17827	-0.02758	PASS		
				MCH	VN	-30	2.21729	0.00128	PASS
						-20	-92.74006	-0.05353	PASS
						-10	0.65804	0.00038	PASS
						0	18.69678	0.01079	PASS
						10	153.60830	0.08866	PASS
						20	-32.30095	-0.01864	PASS
						30	3.16143	0.00182	PASS
						40	13.94749	0.00805	PASS
				HCH	VN	-30	-16.57963	-0.00945	PASS
						-20	-50.12512	-0.02857	PASS
						-10	-10.84328	-0.00618	PASS
						0	-1.41621	-0.00081	PASS
						10	4.87804	0.00278	PASS
						20	-6.53744	-0.00373	PASS
						30	-11.37257	-0.00648	PASS
		40	13.21793			0.00753	PASS		
		50	-23.27442	-0.01327	PASS				
		3	LCH		VN	-30	-1.81675	-0.00106	PASS
						-20	12.15935	0.00710	PASS
						-10	-1.44482	-0.00084	PASS
						0	-5.47886	-0.00320	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					10	-2.07424	-0.00121	PASS	
					20	-2.77519	-0.00162	PASS	
					30	-1.54495	-0.00090	PASS	
					40	2.56062	0.00150	PASS	
					50	5.53608	0.00323	PASS	
			MCH	VN	-30	3.56197	0.00206	PASS	
					-20	2.48909	0.00144	PASS	
					-10	6.23703	0.00360	PASS	
					0	-10.57148	-0.00610	PASS	
					10	-7.96795	-0.00460	PASS	
					20	4.09126	0.00236	PASS	
					30	1.88827	0.00109	PASS	
					40	1.71661	0.00099	PASS	
					50	1.34468	0.00078	PASS	
					HCH	VN	-30	-2.84672	-0.00162
		-20	2.60353	0.00148			PASS		
		-10	5.60761	0.00320			PASS		
		0	-2.08855	-0.00119			PASS		
		10	-5.42164	-0.00309			PASS		
		20	-0.55790	-0.00032			PASS		
		30	1.24455	0.00071			PASS		
		40	7.19547	0.00410			PASS		
		5		LCH	VN	-30	-8.42571	-0.00492	PASS
						-20	1.98841	0.00116	PASS
						-10	2.13146	0.00124	PASS
						0	0.84400	0.00049	PASS
						10	-1.24455	-0.00073	PASS
						20	-2.67506	-0.00156	PASS
						30	-1.60217	-0.00094	PASS
						40	0.70095	0.00041	PASS
				50	-1.23024	-0.00072	PASS		
				MCH	VN	-30	4.04835	0.00234	PASS
						-20	3.53336	0.00204	PASS
-10	1.84536					0.00107	PASS		
0	-3.30448					-0.00191	PASS		
10	5.30720	0.00306	PASS						
20	-3.69072	-0.00213	PASS						
30	5.35011	0.00309	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	-0.75817	-0.00044	PASS			
					50	3.30448	0.00191	PASS			
					-30	-2.24590	-0.00128	PASS			
					-20	6.02245	0.00344	PASS			
					-10	-2.28882	-0.00131	PASS			
					0	-4.43459	-0.00253	PASS			
					10	2.53200	0.00144	PASS			
					20	-0.58651	-0.00033	PASS			
					30	-2.23160	-0.00127	PASS			
					40	4.10557	0.00234	PASS			
		50	1.28746	0.00073	PASS						
		10	LCH	VN			-30	3.14712	0.00184	PASS	
							-20	-4.40597	-0.00257	PASS	
							-10	3.30448	0.00193	PASS	
							0	4.60625	0.00269	PASS	
							10	3.13282	0.00183	PASS	
							20	6.59466	0.00385	PASS	
							30	6.72340	0.00392	PASS	
							40	0.62943	0.00037	PASS	
							50	-1.90258	-0.00111	PASS	
							MCH	VN			
			-20	5.14984	0.00297	PASS					
			-10	-0.67234	-0.00039	PASS					
			0	0.52929	0.00031	PASS					
			10	-1.15871	-0.00067	PASS					
			20	3.79086	0.00219	PASS					
			30	0.01431	0.00001	PASS					
			40	-2.66075	-0.00154	PASS					
			50	-0.10014	-0.00006	PASS					
			HCH	VN				-30	4.04835	0.00231	PASS
								-20	5.50747	0.00315	PASS
								-10	0.11444	0.00007	PASS
								0	3.40462	0.00195	PASS
								10	2.57492	0.00147	PASS
								20	2.07424	0.00119	PASS
								30	-1.54495	-0.00088	PASS
								40	3.39031	0.00194	PASS
			50	-2.03133	-0.00116	PASS					
			15	LCH	VN			-30	2.84672	0.00166	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	0.12875	0.00007	PASS		
					-10	-1.08719	-0.00063	PASS		
					0	2.16007	0.00126	PASS		
					10	-0.44346	-0.00026	PASS		
					20	1.91688	0.00112	PASS		
					30	1.77383	0.00103	PASS		
					40	0.11444	0.00007	PASS		
					50	3.08990	0.00180	PASS		
			MCH	VN	-30	-0.60081	-0.00035	PASS		
					-20	-0.51498	-0.00030	PASS		
					-10	2.66075	0.00154	PASS		
					0	-0.51498	-0.00030	PASS		
					10	-1.35899	-0.00078	PASS		
					20	-0.97275	-0.00056	PASS		
					30	-0.42915	-0.00025	PASS		
					40	-0.17166	-0.00010	PASS		
			HCH	VN	-30	1.51634	0.00087	PASS		
					-20	2.71797	0.00156	PASS		
					-10	-2.30312	-0.00132	PASS		
					0	-1.58787	-0.00091	PASS		
					10	0.45776	0.00026	PASS		
					20	-2.80380	-0.00160	PASS		
					30	-0.82970	-0.00047	PASS		
					40	3.13282	0.00179	PASS		
			20	LCH	VN	-30	-0.45776	-0.00027	PASS	
						-20	-0.55790	-0.00032	PASS	
						-10	-0.54359	-0.00032	PASS	
						0	-1.53065	-0.00089	PASS	
		10				1.95980	0.00114	PASS		
		20				-1.40190	-0.00082	PASS		
		30				-0.48637	-0.00028	PASS		
		40				-4.16279	-0.00242	PASS		
		50				1.87397	0.00109	PASS		
		MCH				VN	-30	-2.44618	-0.00141	PASS
							-20	3.00407	0.00173	PASS
							-10	0.52929	0.00031	PASS
			0	1.93119	0.00111		PASS			

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	1.74522	0.00101	PASS
					20	-1.07288	-0.00062	PASS
					30	0.67234	0.00039	PASS
					40	2.44618	0.00141	PASS
					50	-2.81811	-0.00163	PASS
			HCH	VN	-30	0.90122	0.00052	PASS
					-20	0.91553	0.00052	PASS
					-10	-0.02861	-0.00002	PASS
					0	1.23024	0.00071	PASS
					10	0.50068	0.00029	PASS
					20	-1.73092	-0.00099	PASS
					30	1.25885	0.00072	PASS
					40	-4.34875	-0.00249	PASS
					50	-3.70503	-0.00212	PASS

END