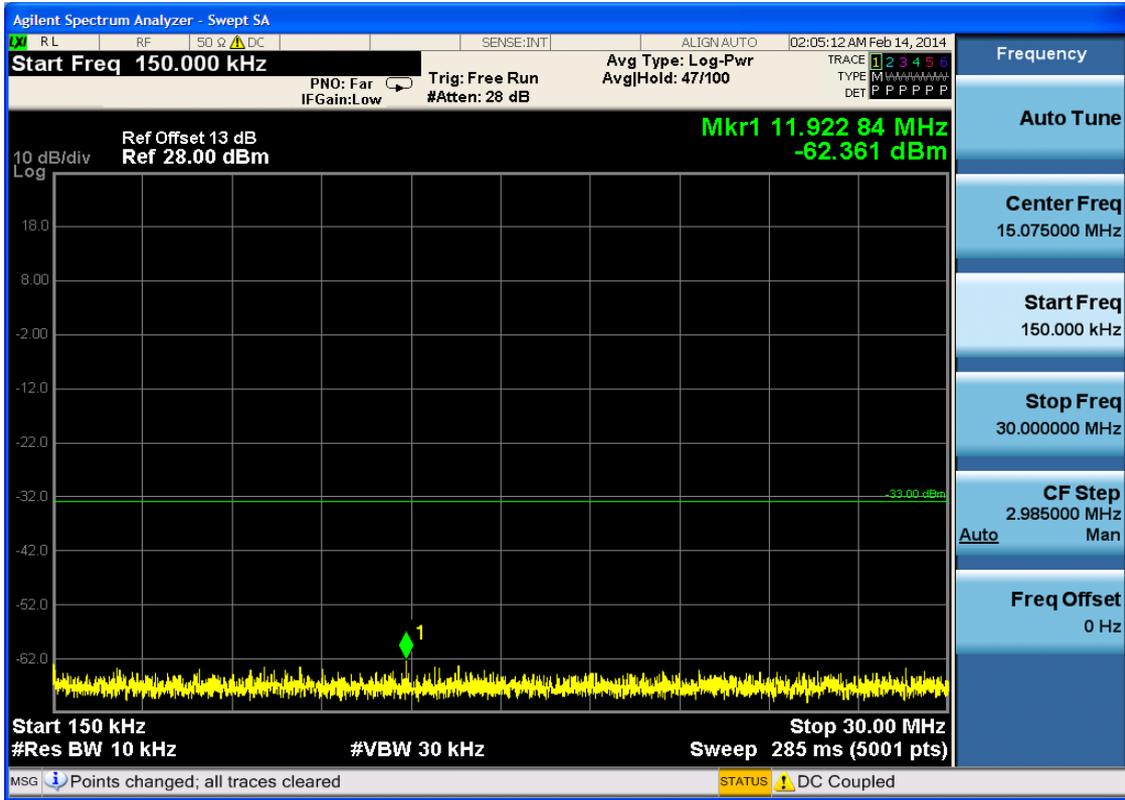


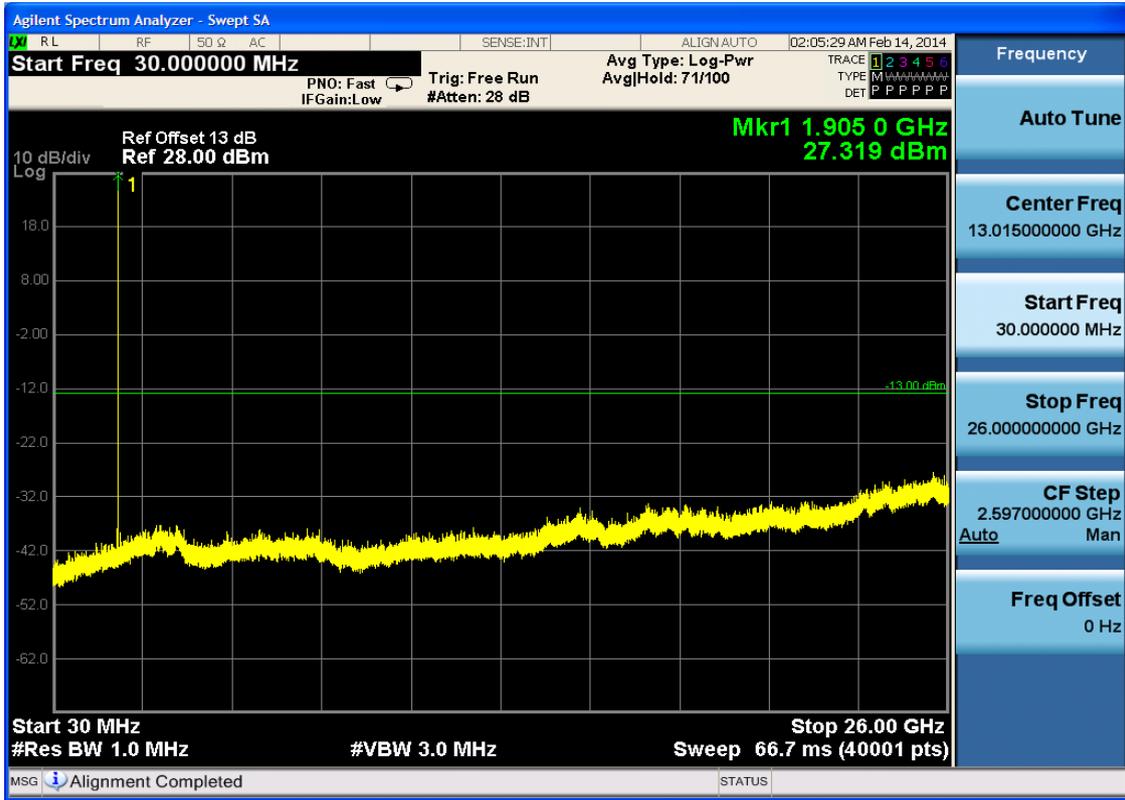


6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0





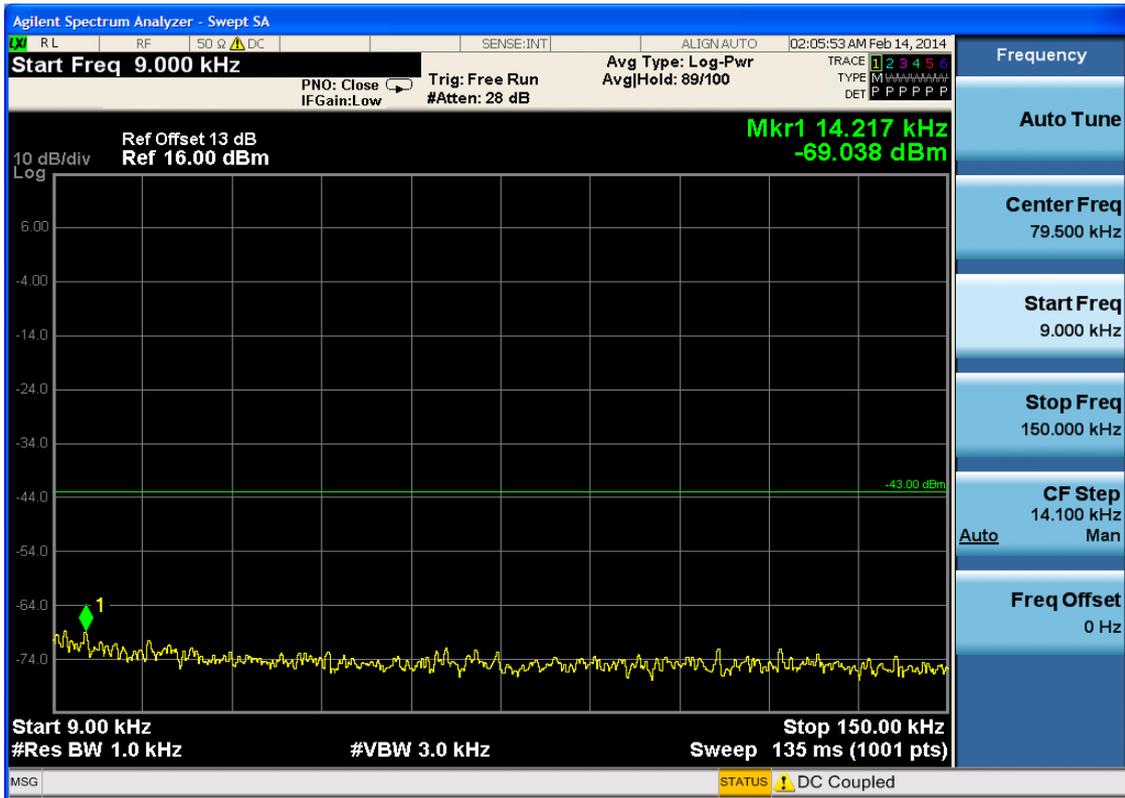




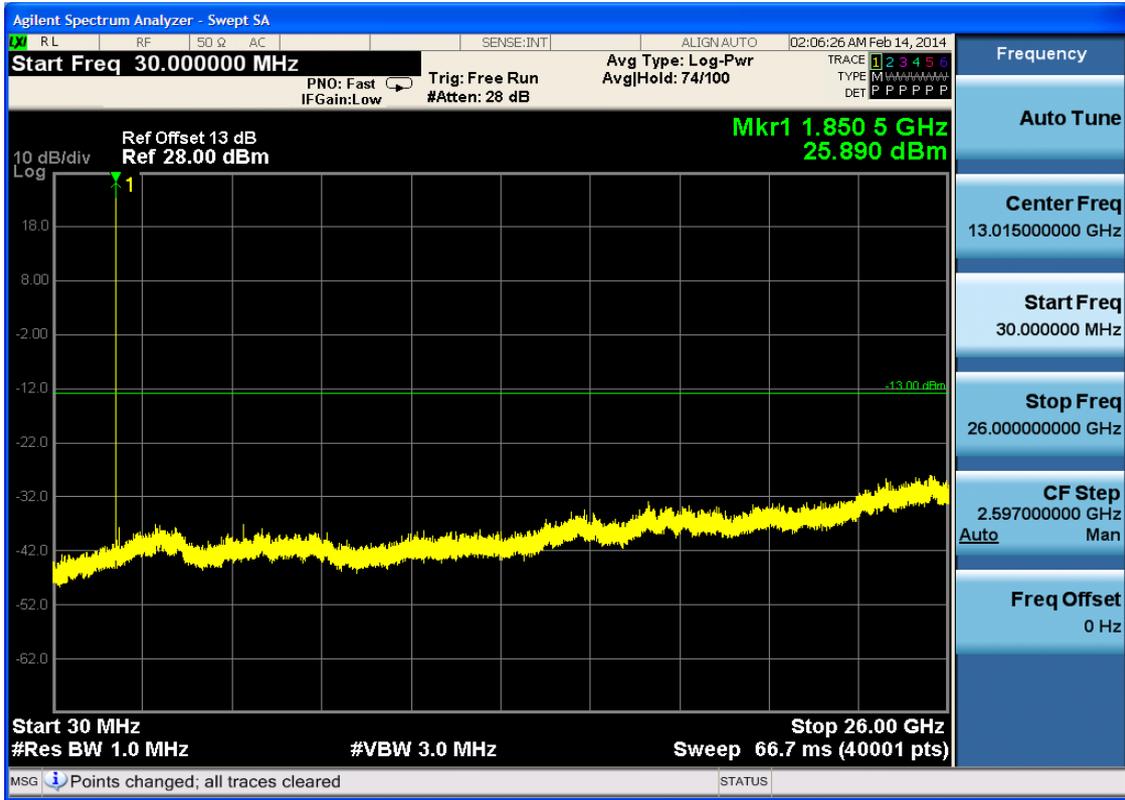
6.1.1.2.4 Test Bandwidth = 10

6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0

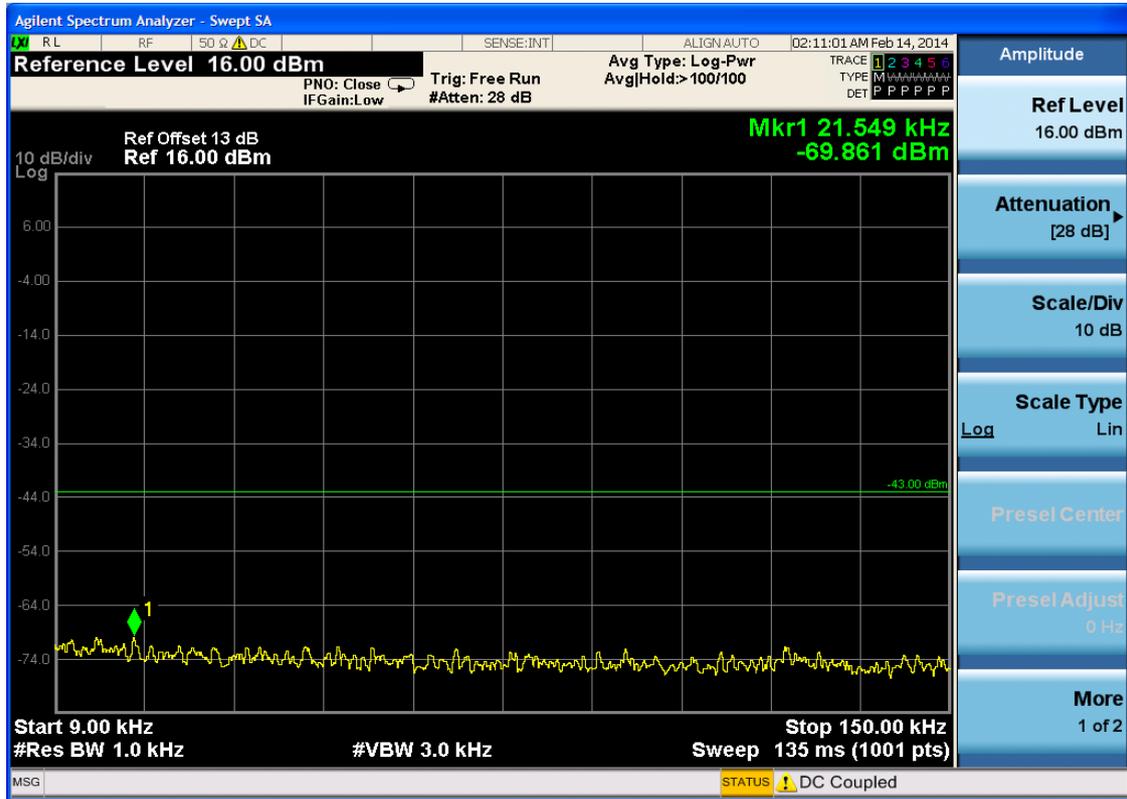


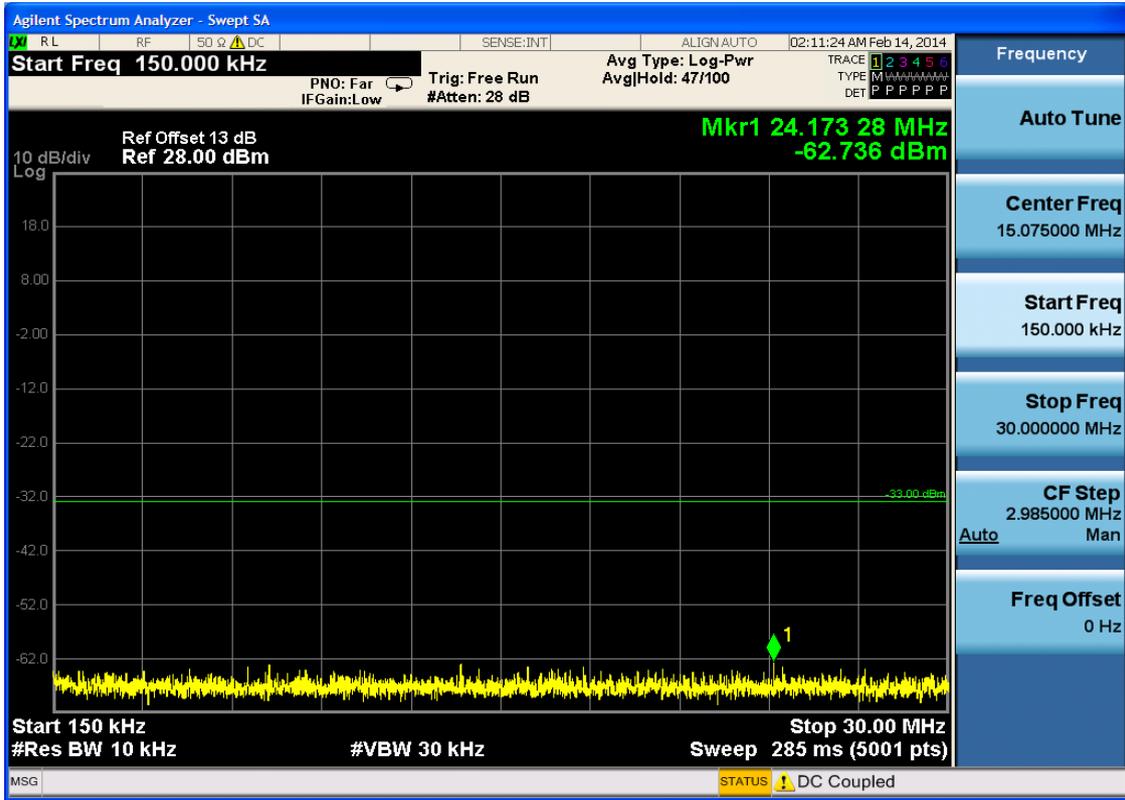




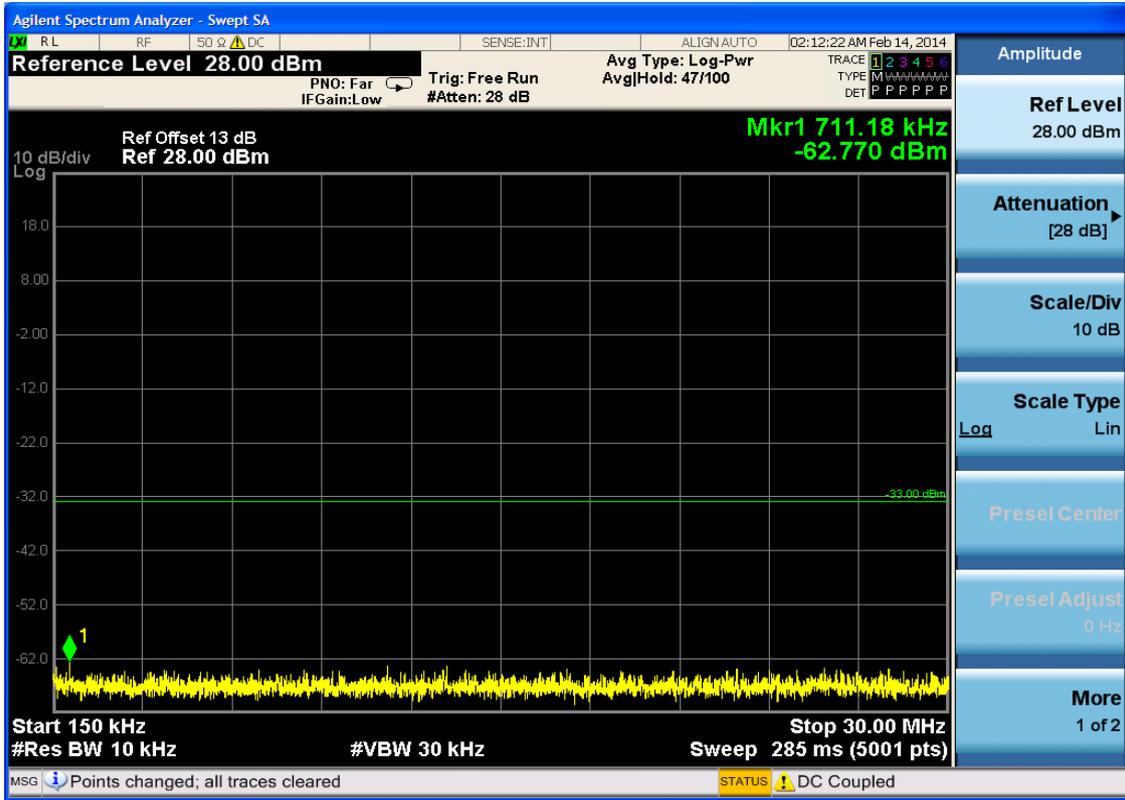
6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0







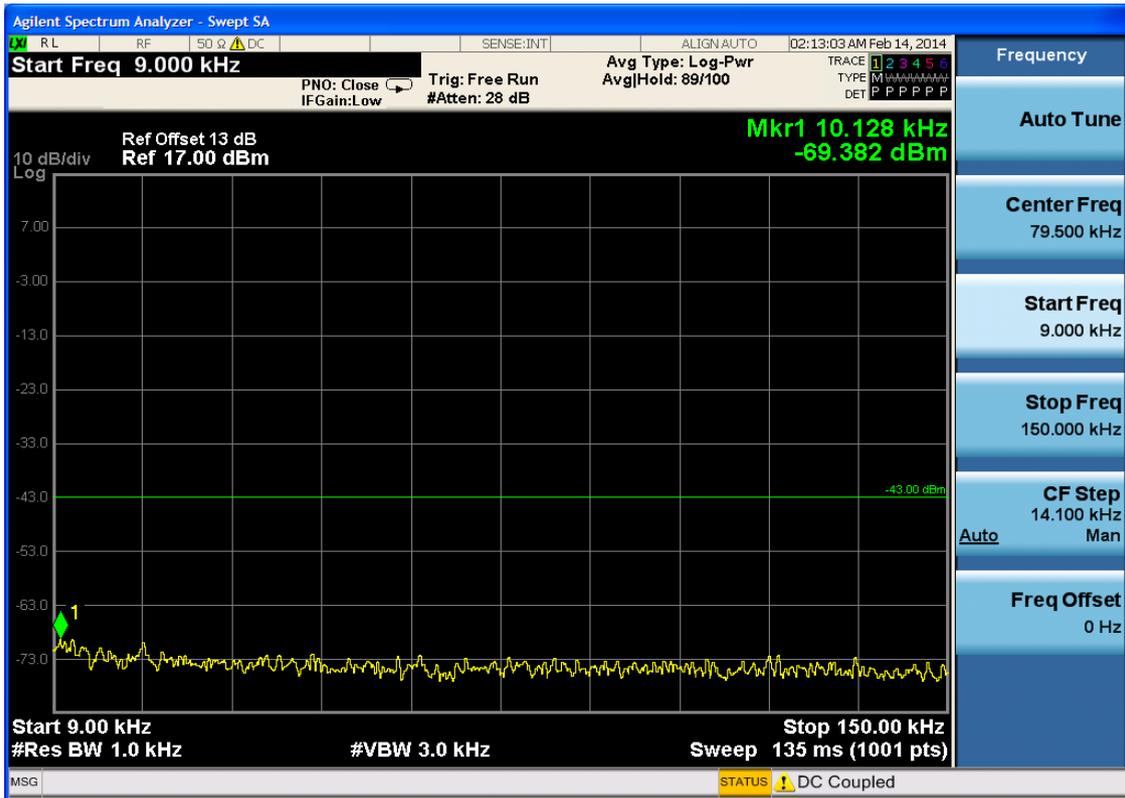




6.1.1.2.5 Test Bandwidth = 15

6.1.1.2.5.1 Test Channel = LCH

6.1.1.2.5.1.1 Test RB = RB1#0



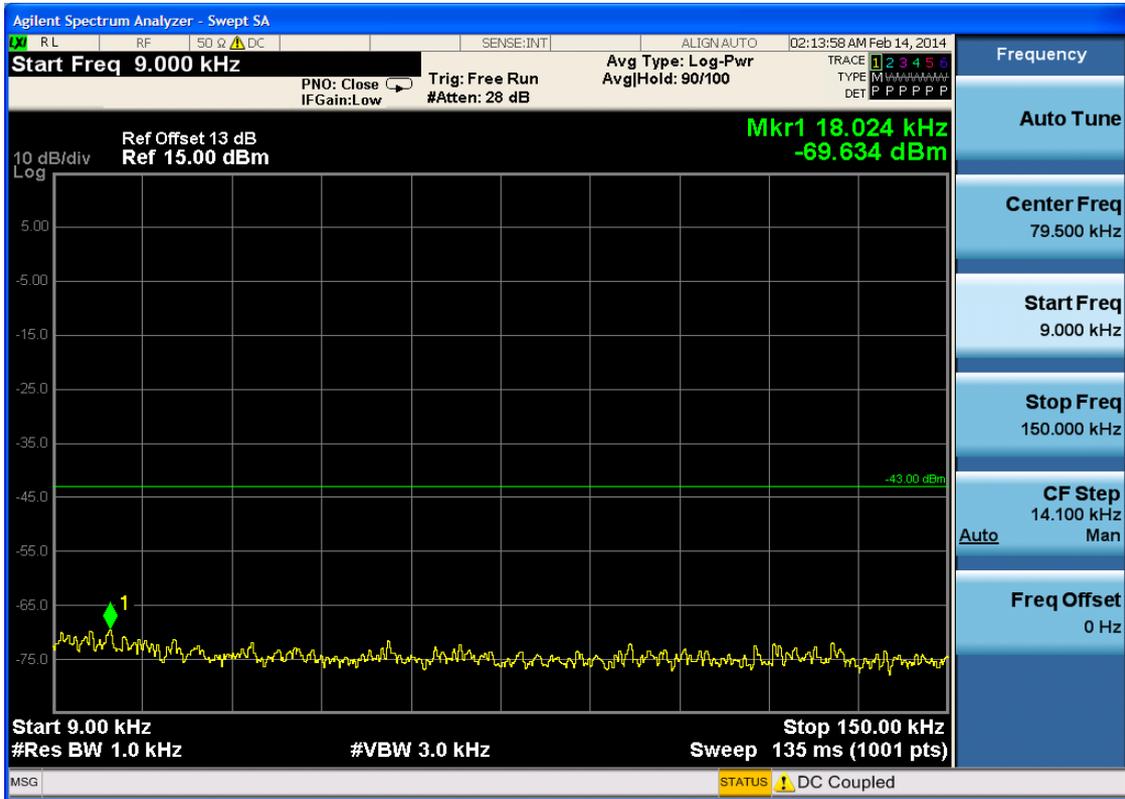


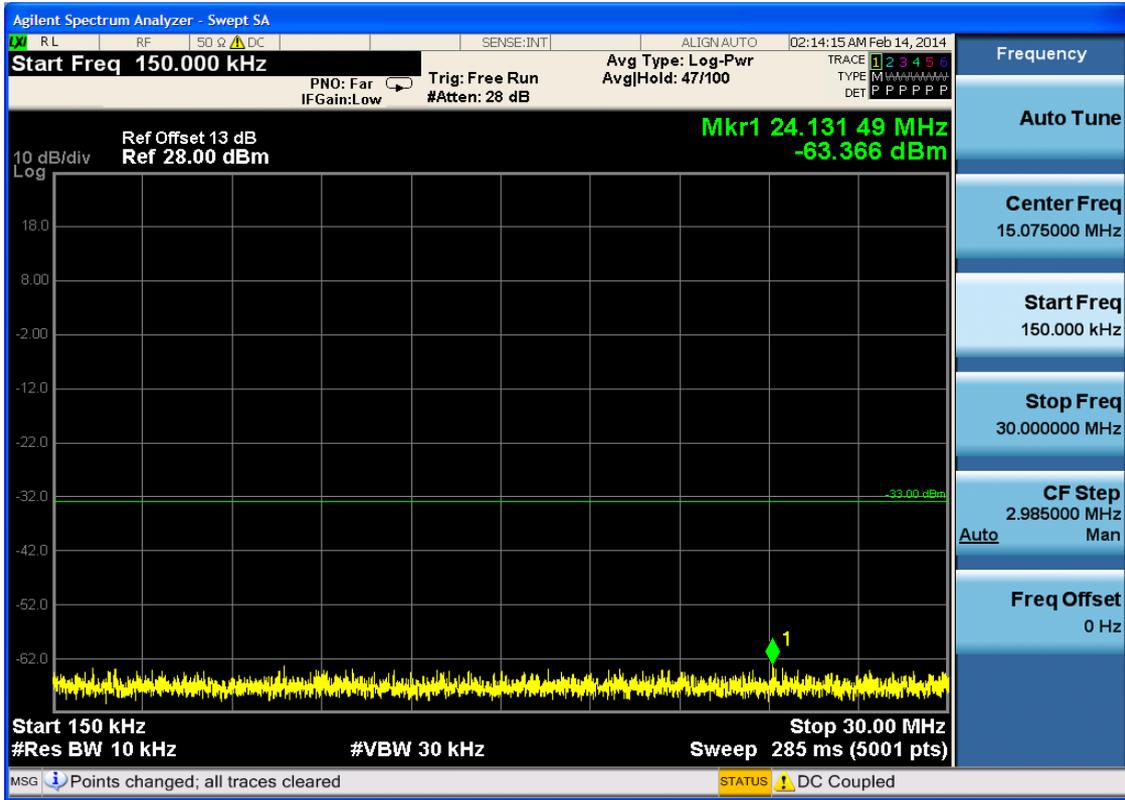




6.1.1.2.5.2 Test Channel = MCH

6.1.1.2.5.2.1 Test RB = RB1#0

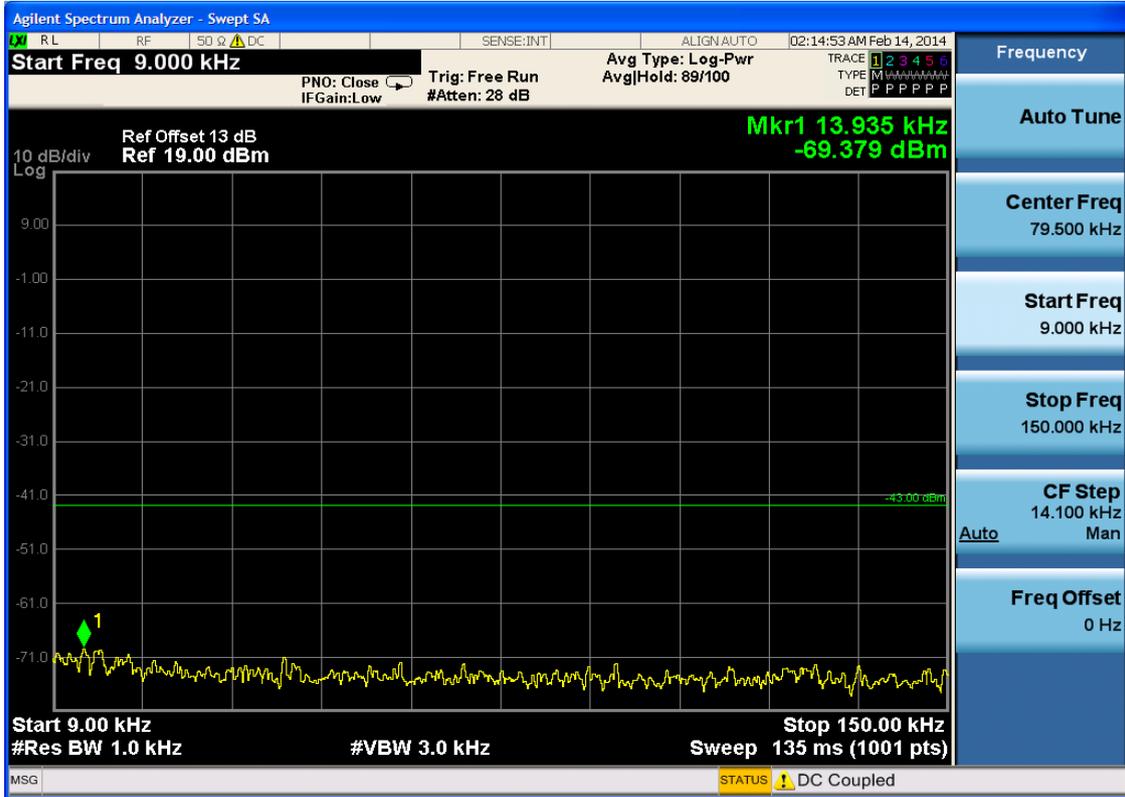


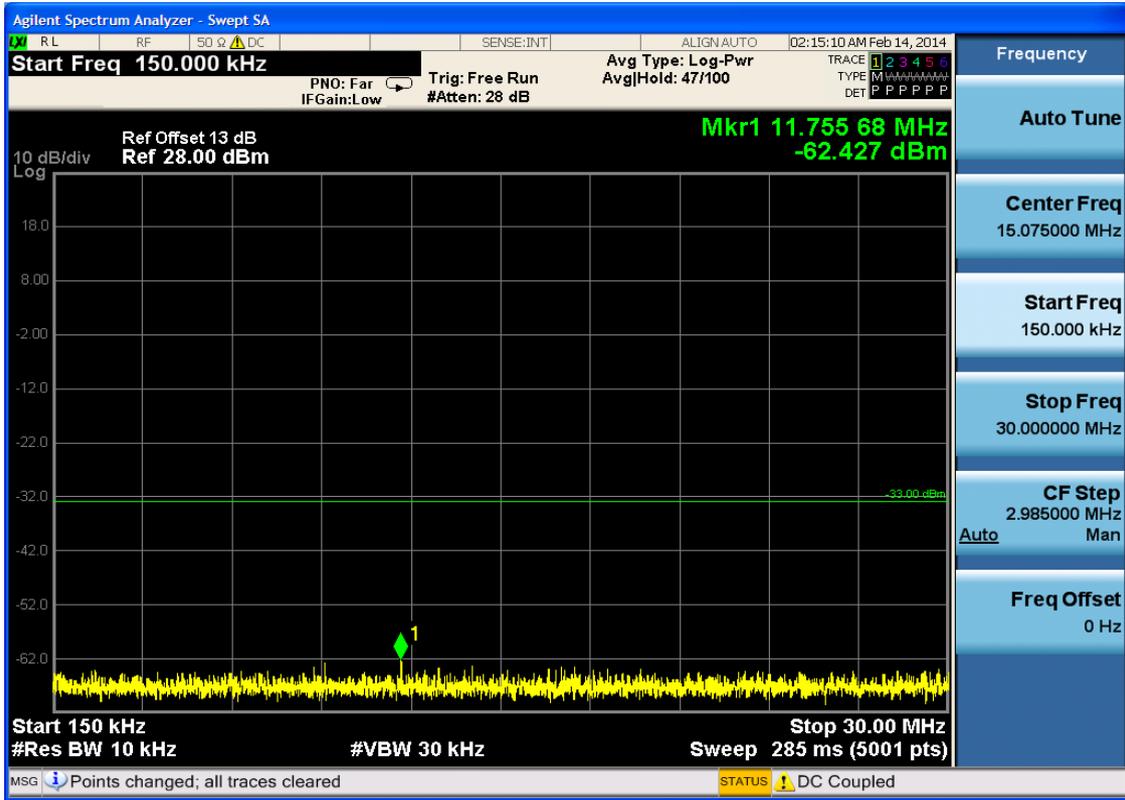




6.1.1.2.5.3 Test Channel = HCH

6.1.1.2.5.3.1 Test RB = RB1#0





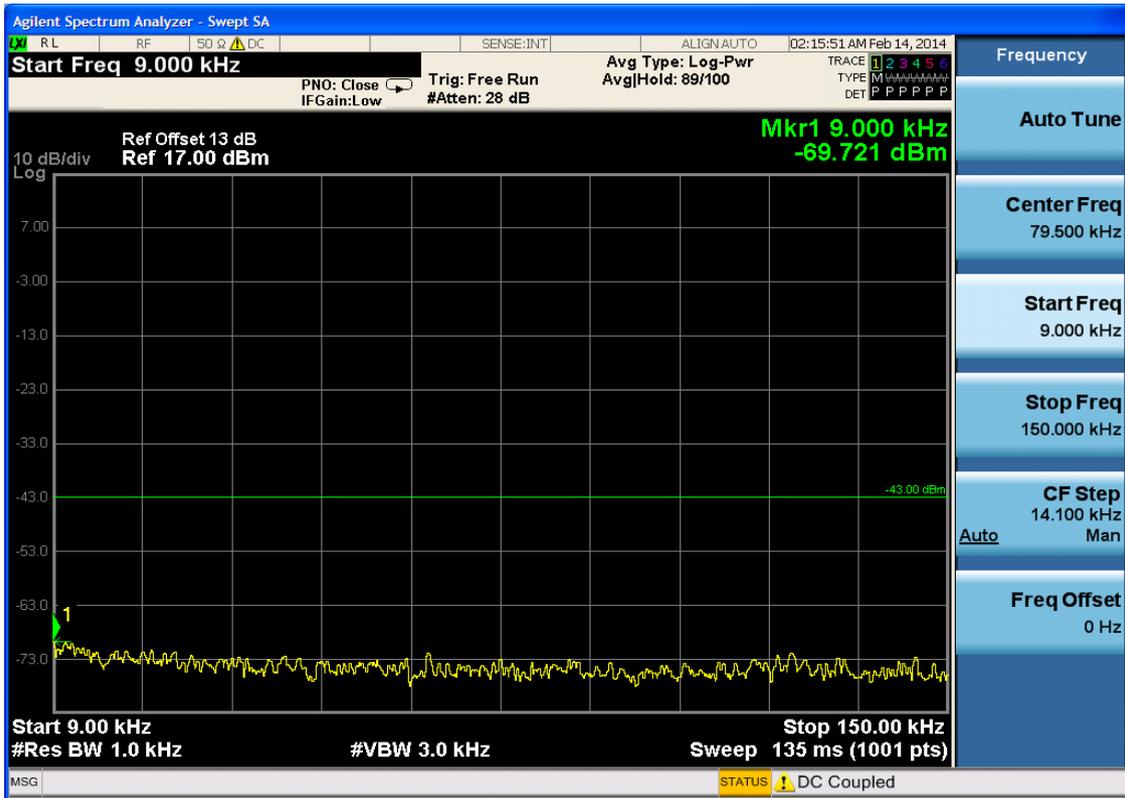


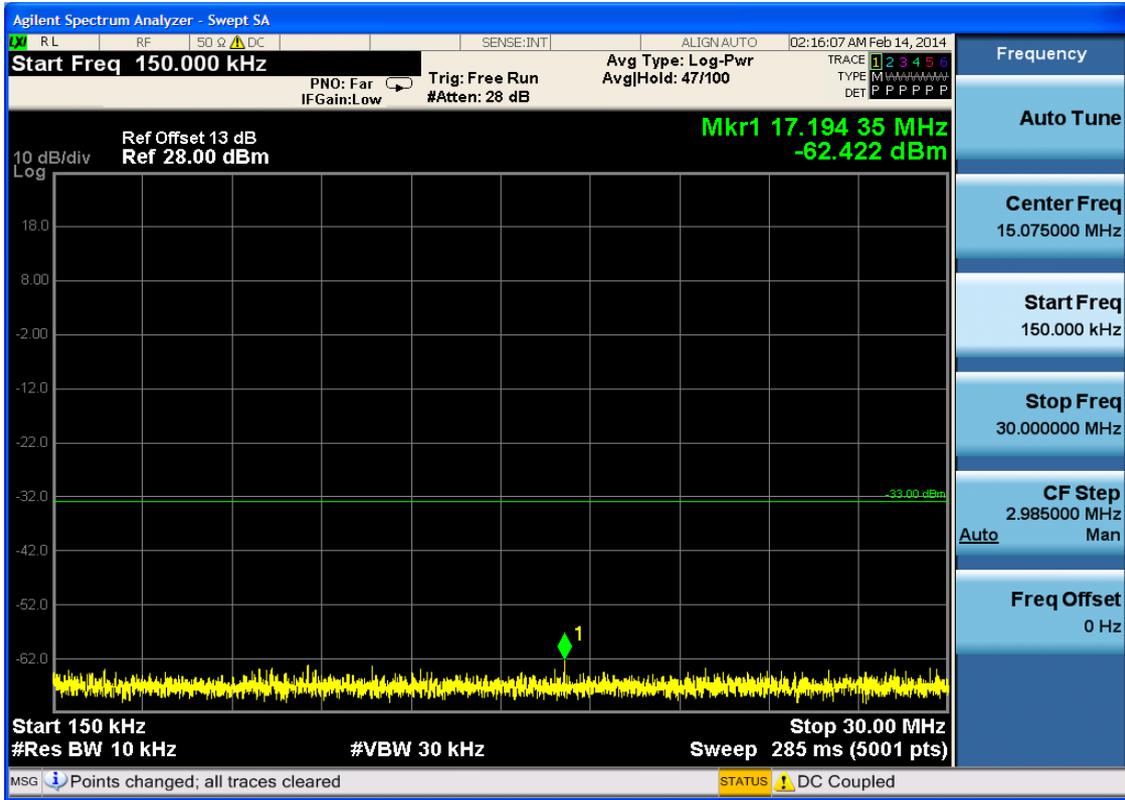


6.1.1.2.6 Test Bandwidth = 20

6.1.1.2.6.1 Test Channel = LCH

6.1.1.2.6.1.1 Test RB = RB1#0





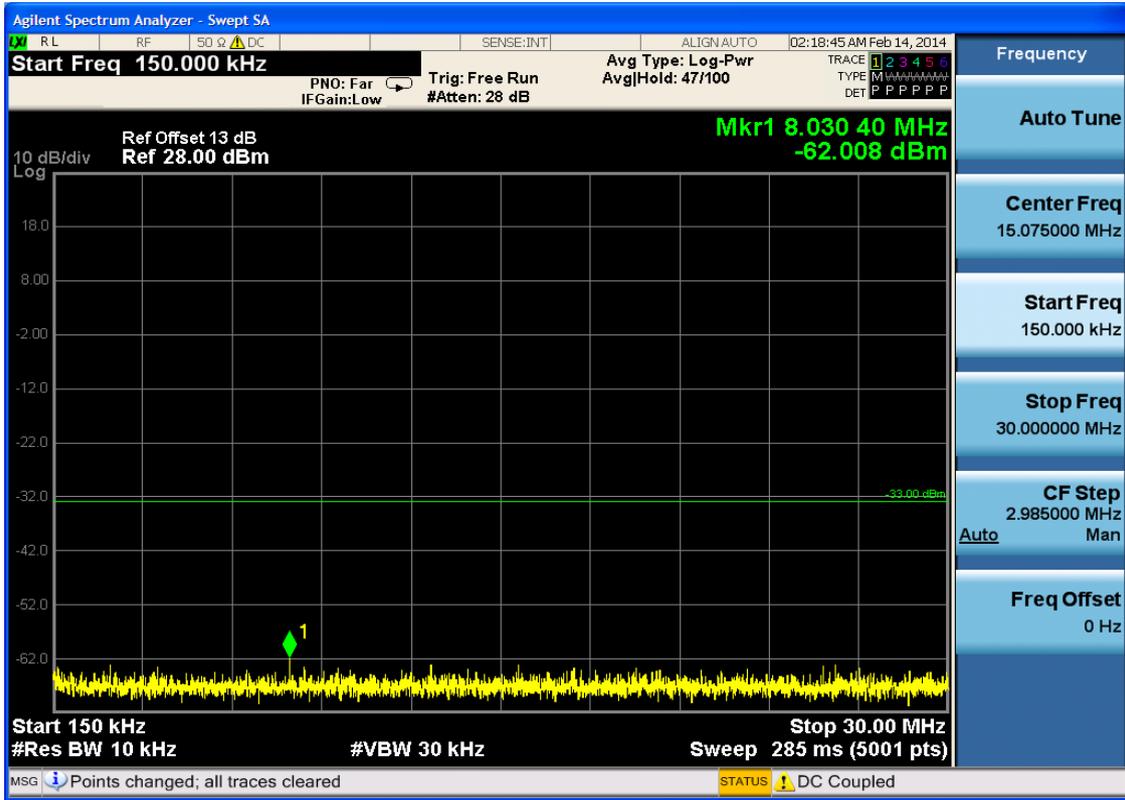




6.1.1.2.6.2 Test Channel = MCH

6.1.1.2.6.2.1 Test RB = RB1#0



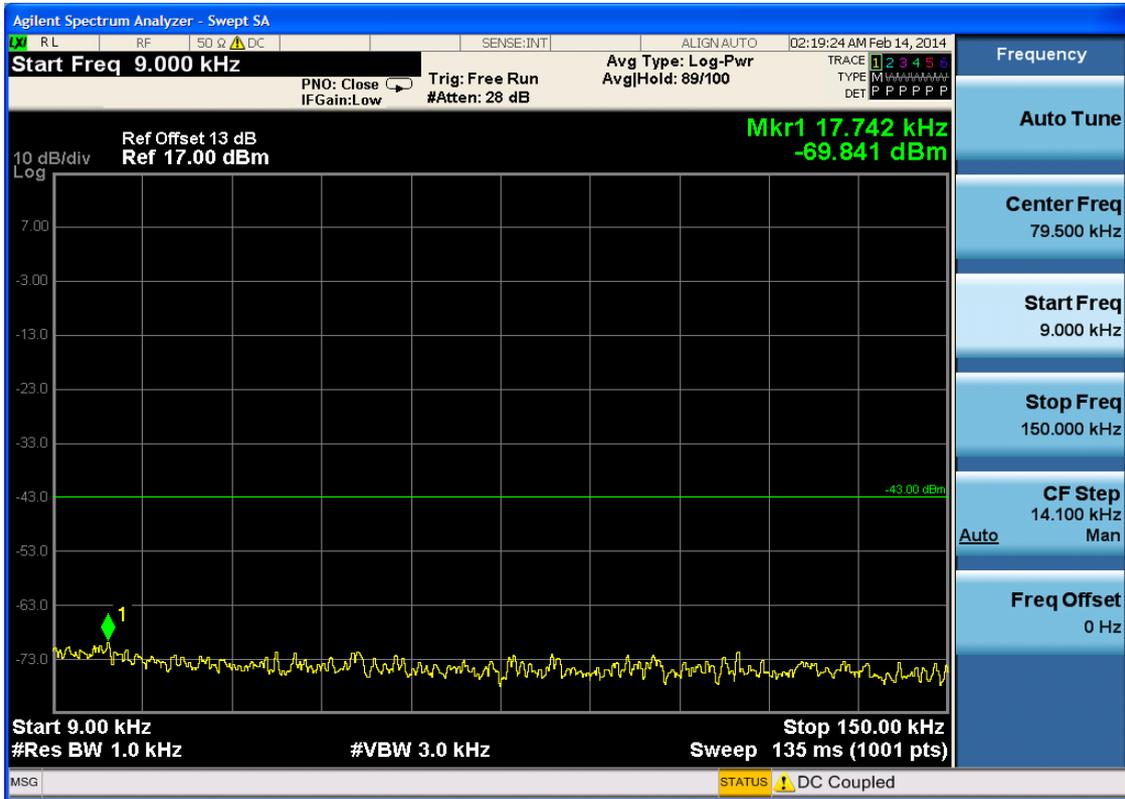


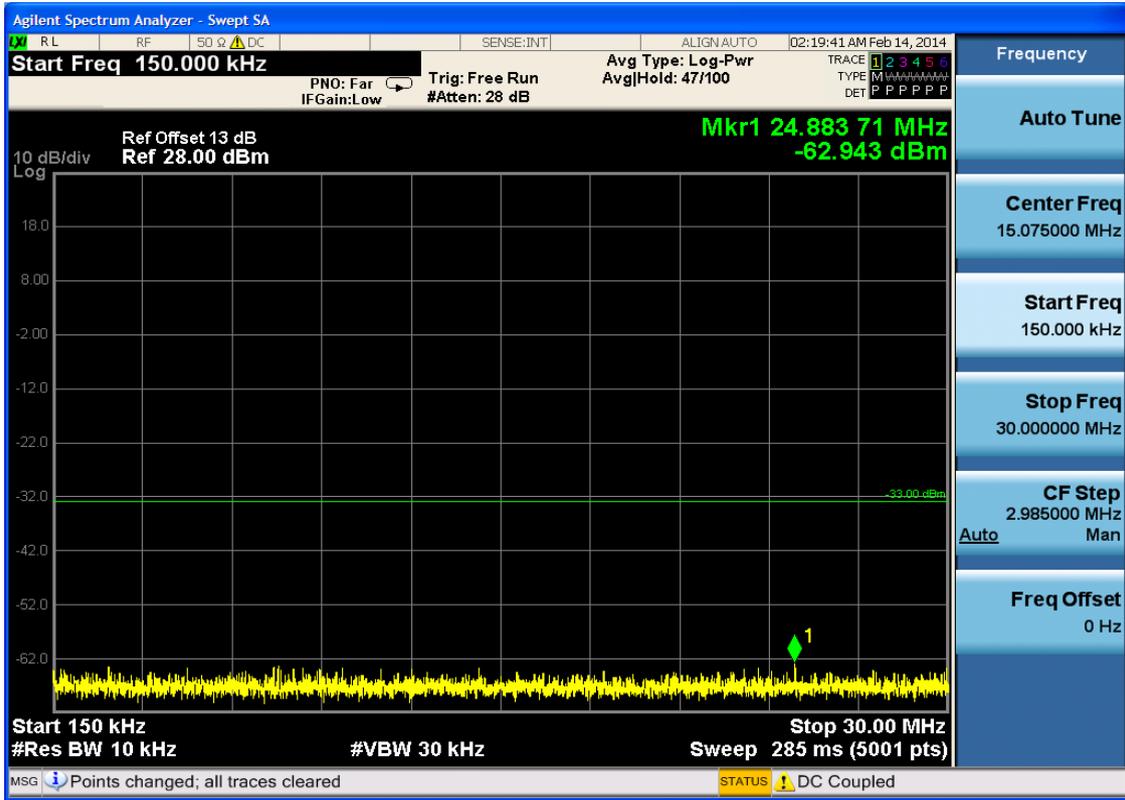




6.1.1.2.6.3 Test Channel = HCH

6.1.1.2.6.3.1 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

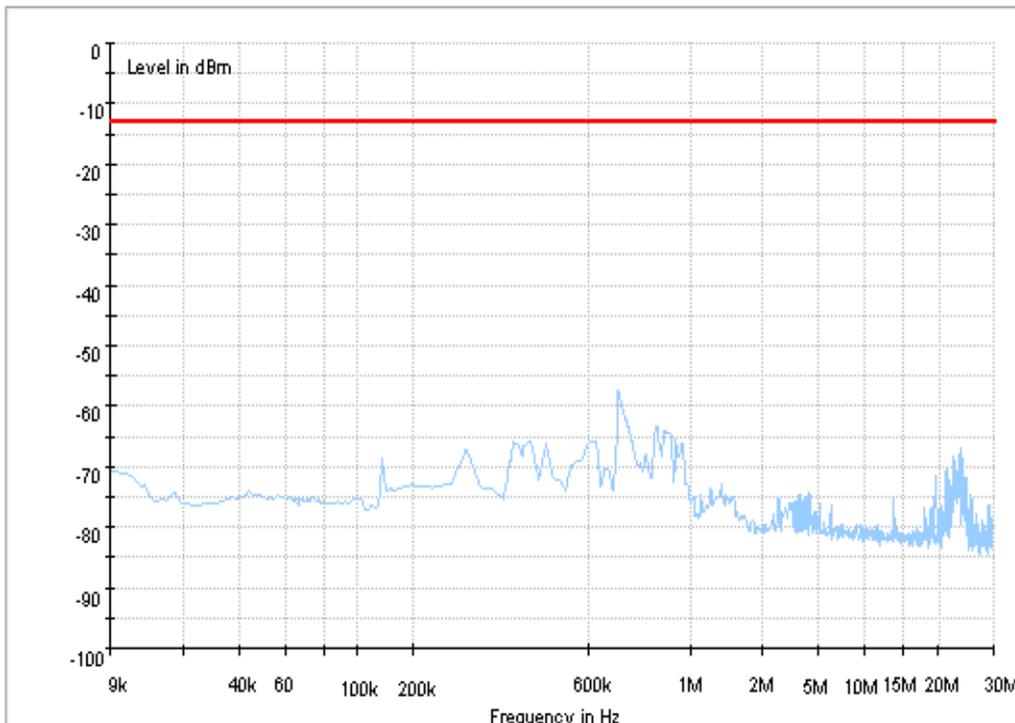
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

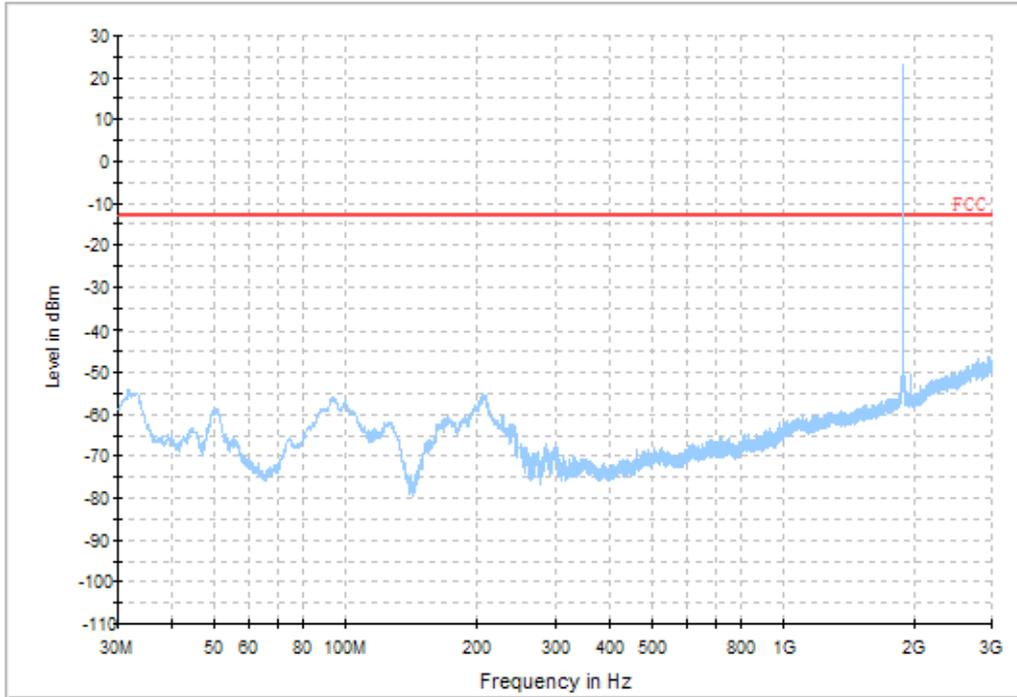
7.1 For LTE

7.1.1 Test Band = BAND2

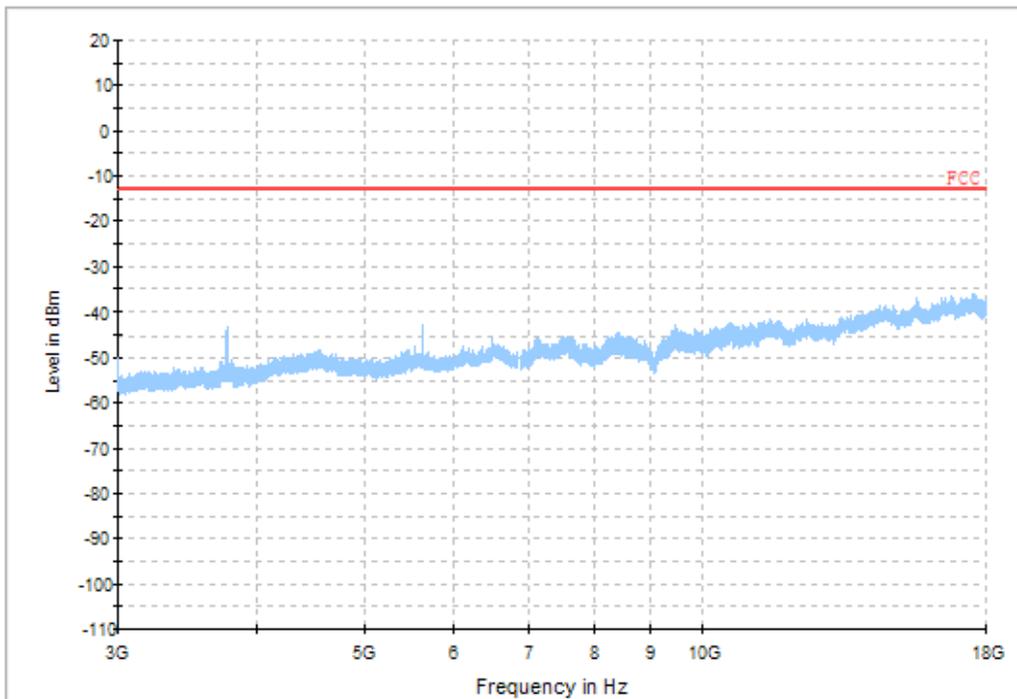
7.1.1.1 Test Bandwidth = 1.4

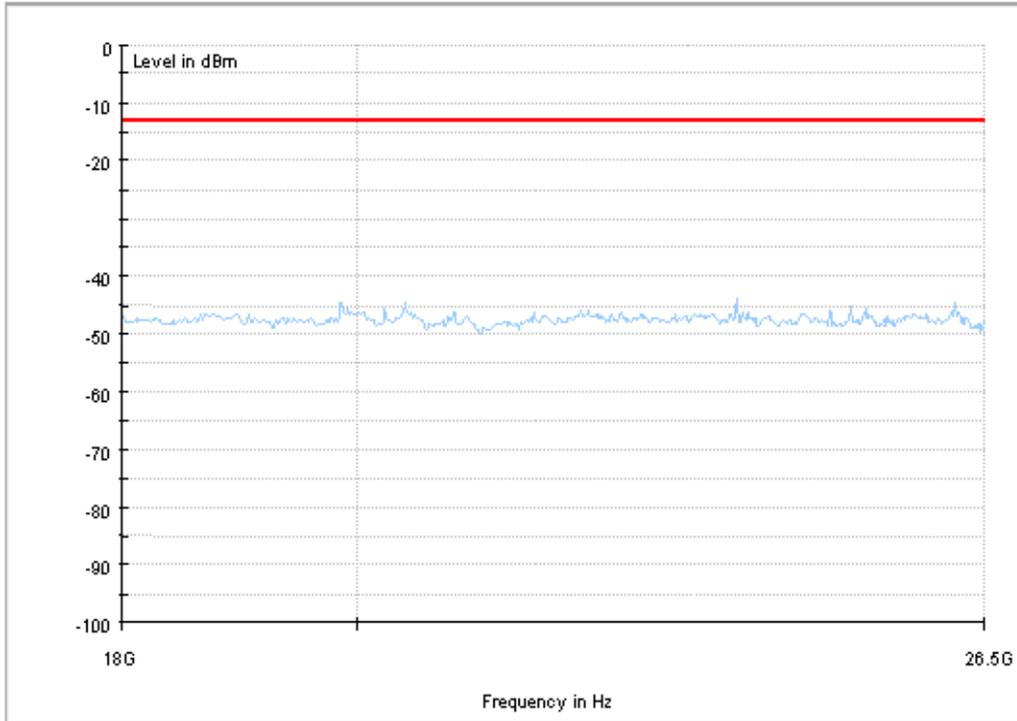


Copy of FCC PART24 LTE Band 2_L

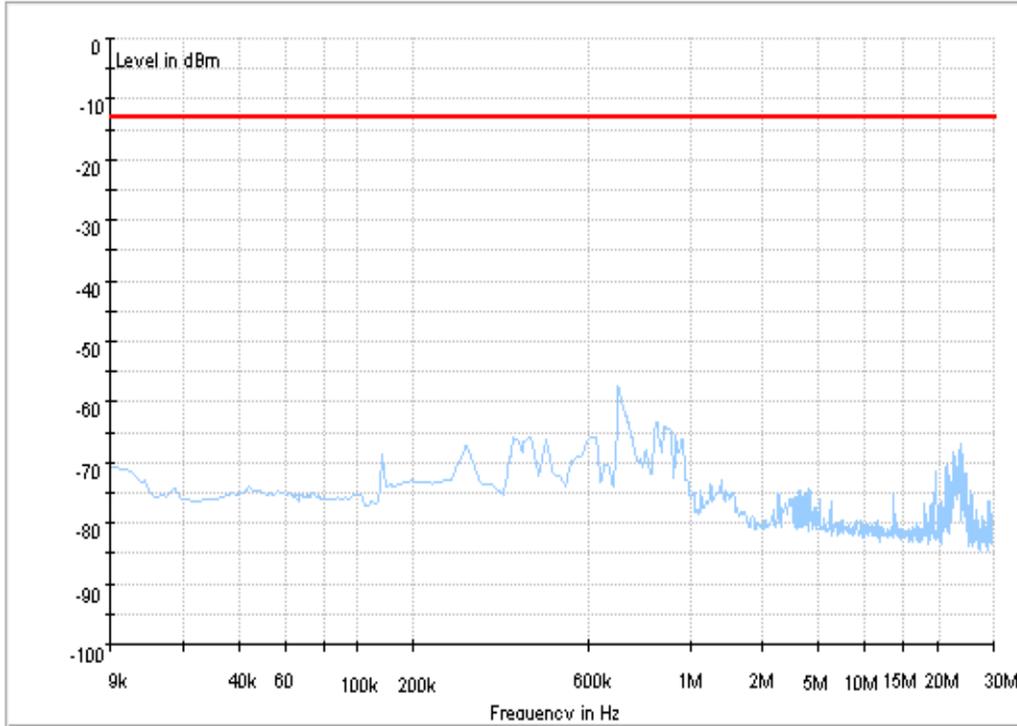


Copy of FCC PART24 LTE Band 2_H

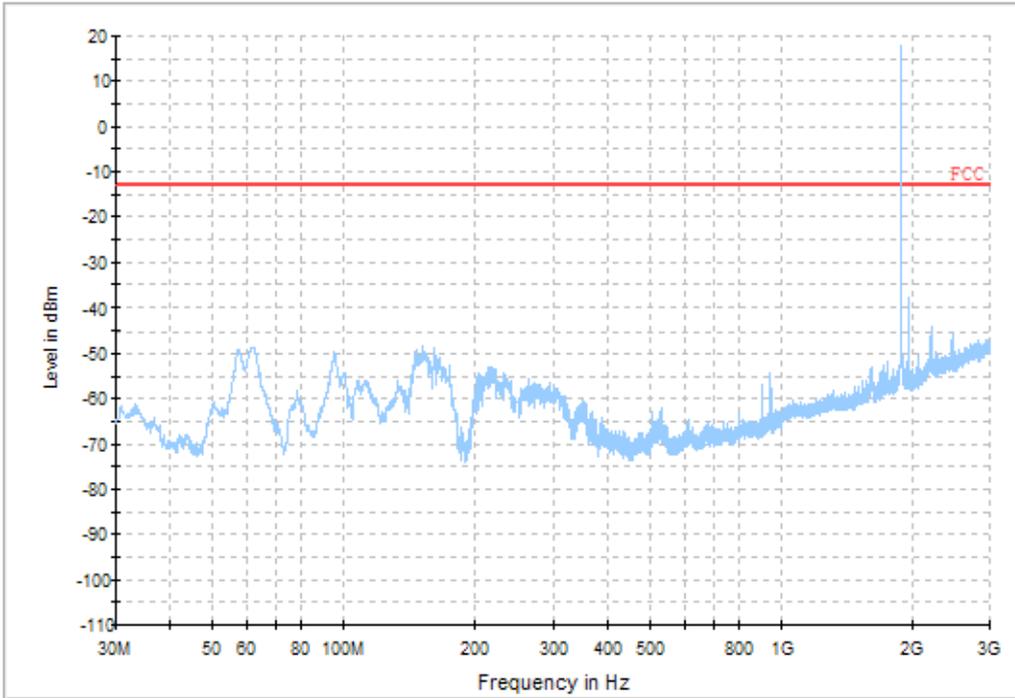




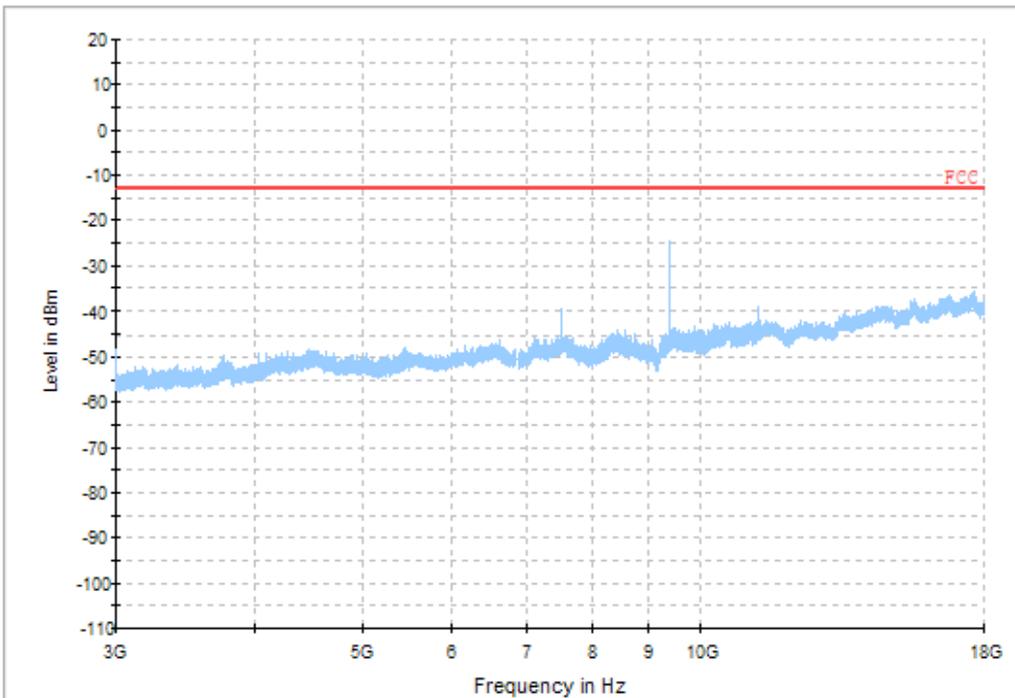
7.1.1.2 Test Bandwidth = 5

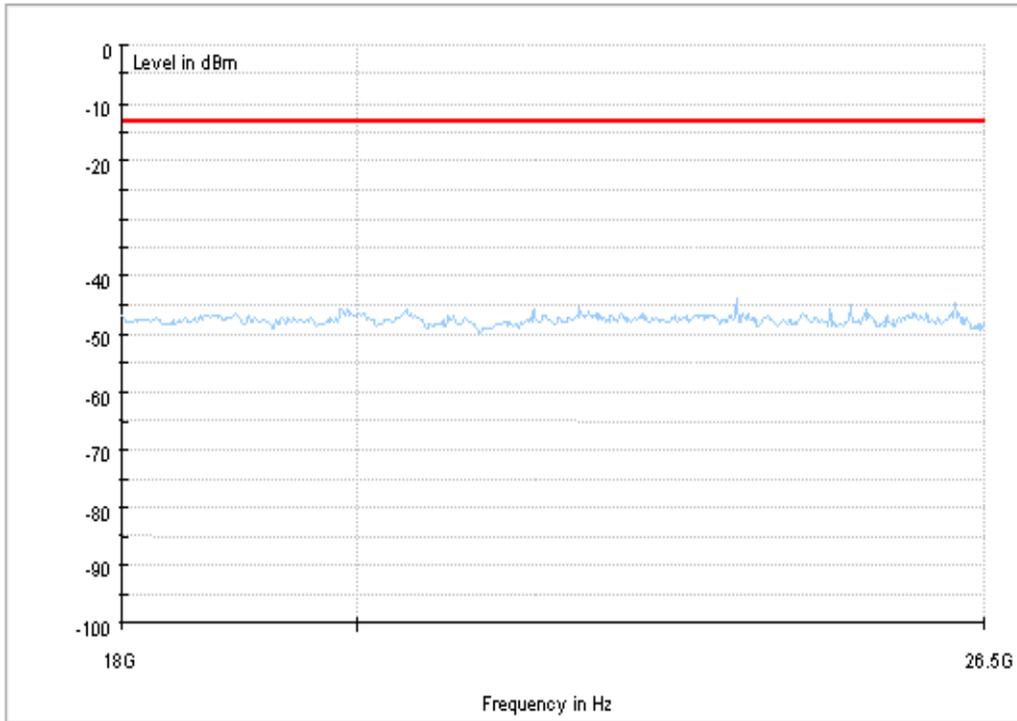


Copy of FCC PART24 LTE Band 2_L

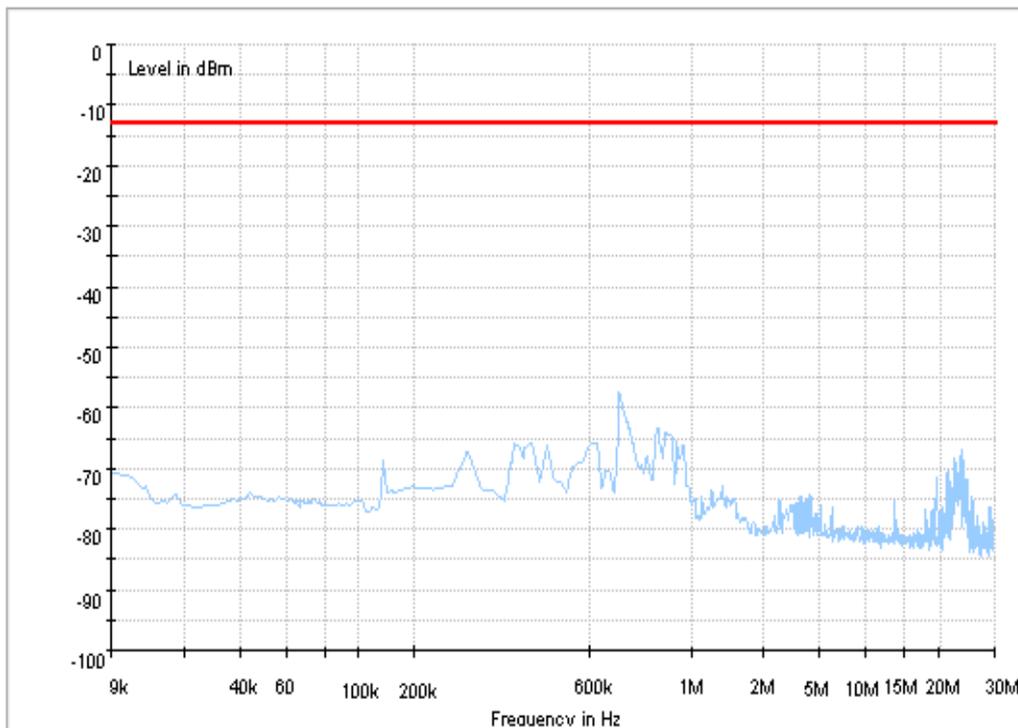


Copy of FCC PART24 LTE Band 2_H

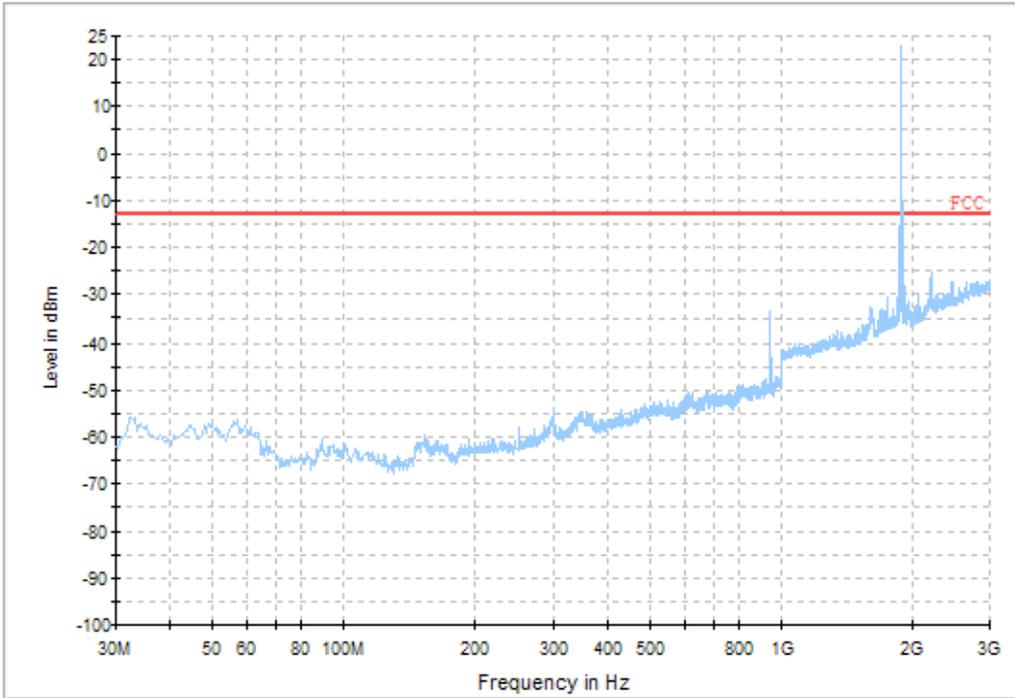




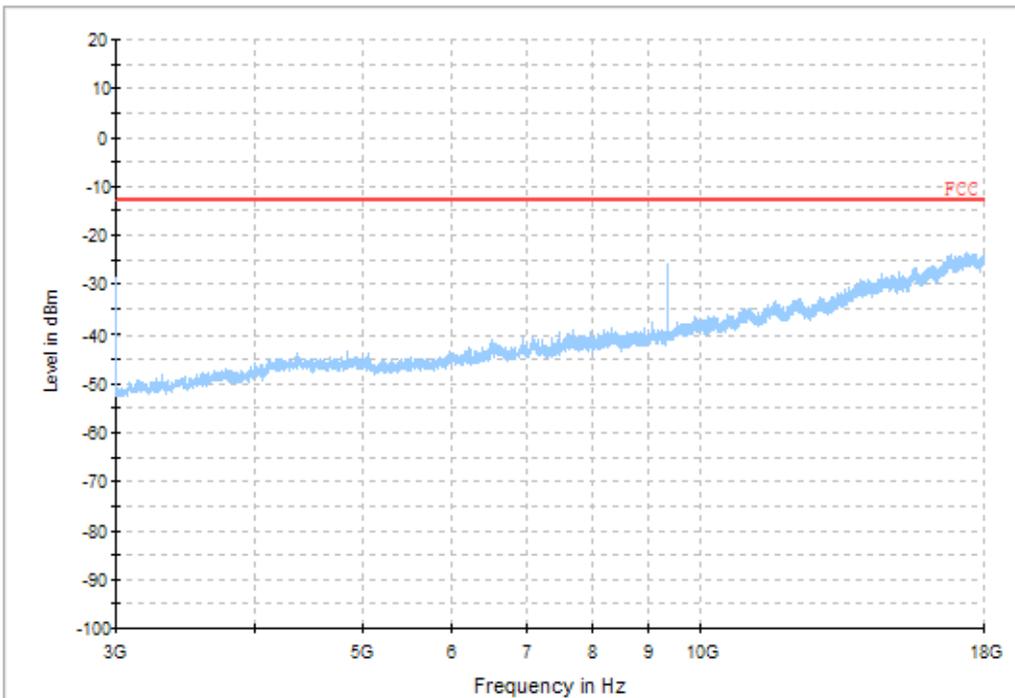
7.1.1.3 Test Bandwidth = 20

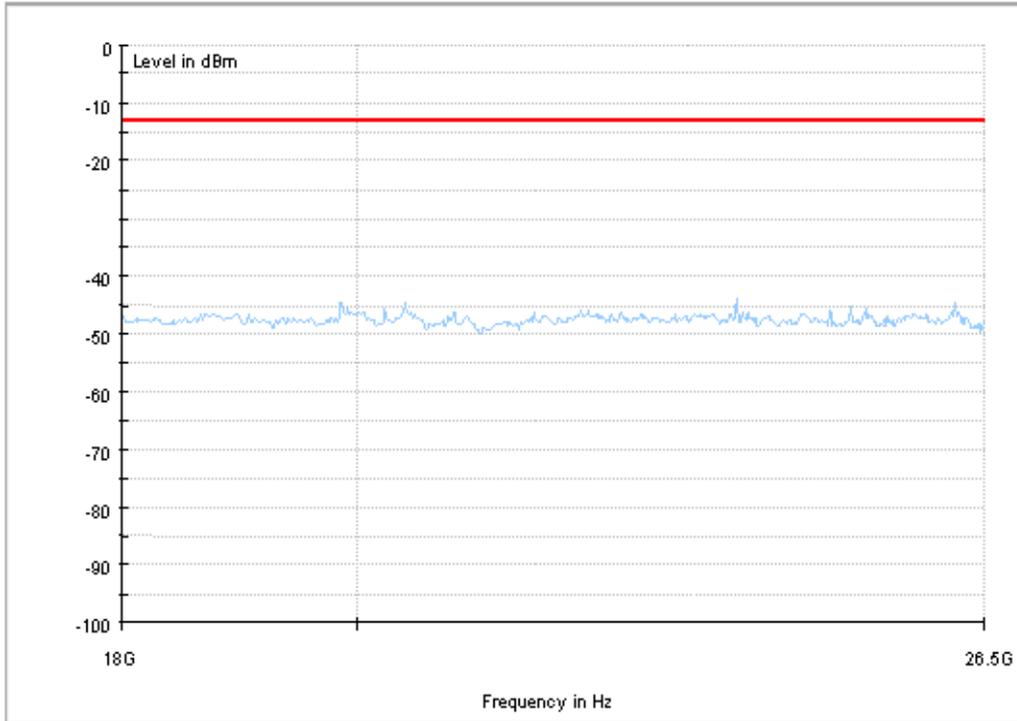


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H







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	-3.66	-0.00198	PASS
					VN	-2.56	-0.00138	PASS
					VH	-2.66	-0.00144	PASS
			MCH	TN	VL	-0.14	-0.00007	PASS
					VN	1.22	0.00065	PASS
					VH	0.27	0.00014	PASS
			HCH	TN	VL	-4.21	-0.0022	PASS
					VN	-1.67	-0.00087	PASS
					VH	-2.73	-0.00143	PASS
		3	LCH	TN	VL	1.87	0.00101	PASS
					VN	1.13	0.00061	PASS
					VH	-0.24	-0.00013	PASS
			MCH	TN	VL	2.07	0.0011	PASS
					VN	1.66	0.00088	PASS
					VH	1	0.00053	PASS
			HCH	TN	VL	-0.23	-0.00012	PASS
					VN	0.33	0.00017	PASS
					VH	-0.72	-0.00038	PASS
		5	LCH	TN	VL	-3.56	-0.00192	PASS
					VN	-3.1	-0.00167	PASS
					VH	-2.85	-0.00154	PASS
			MCH	TN	VL	2.68	0.00143	PASS
					VN	0.21	0.00011	PASS
					VH	0.79	0.00042	PASS
			HCH	TN	VL	0.73	0.00038	PASS
					VN	-0.47	-0.00025	PASS
					VH	-1.46	-0.00077	PASS
		10	LCH	TN	VL	0.44	0.00024	PASS
					VN	-1.16	-0.00063	PASS
					VH	-6.52	-0.00351	PASS
			MCH	TN	VL	-0.94	-0.0005	PASS
					VN	1.26	0.00067	PASS
					VH	-1.49	-0.00079	PASS
			HCH	TN	VL	0.99	0.00052	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict				
		15	LCH	TN	VN	-5.91	-0.0031	PASS				
					VH	-0.9	-0.00047	PASS				
					VL	-0.34	-0.00018	PASS				
			MCH	TN	VN	-0.99	-0.00053	PASS				
					VH	1.24	0.00067	PASS				
					VL	-1.29	-0.00069	PASS				
		HCH	TN	VN	1.1	0.00059	PASS					
				VH	-1.82	-0.00097	PASS					
				VL	-6.68	-0.00351	PASS					
		20	LCH	TN	VN	-11.42	-0.006	PASS				
					VH	-8.4	-0.00442	PASS				
					VL	-1.1	-0.00059	PASS				
			MCH	TN	VN	-2.37	-0.00127	PASS				
					VH	-1.04	-0.00056	PASS				
					VL	1	0.00053	PASS				
		HCH	TN	VN	-2.02	-0.00107	PASS					
				VH	2.13	0.00113	PASS					
				VL	-2	-0.00105	PASS					
		LTE/TM2		1.4	LCH	TN	VN	-1.09	-0.00057	PASS		
							VH	0.56	0.00029	PASS		
							VL	-2.1	-0.00084	PASS		
					MCH	TN	VN	-6.74	-0.00269	PASS		
							VH	-1.52	-0.00061	PASS		
							VL	0.2	0.00008	PASS		
				HCH	TN	VN	-1.62	-0.00064	PASS			
						VH	-5.36	-0.00211	PASS			
						VL	4.79	0.00187	PASS			
				3	LCH	TN	VN	4.78	0.00186	PASS		
							VH	7.81	0.00304	PASS		
							VL	2.27	0.00091	PASS		
					MCH	TN	VN	-4.39	-0.00175	PASS		
							VH	4.51	0.0018	PASS		
							VL	-0.62	-0.00024	PASS		
				HCH	TN	VN	1.13	0.00045	PASS			
						VH	-3.75	-0.00148	PASS			
						VL	8.3	0.00324	PASS			
				5	LCH	TN	VN	-1.5	-0.00058	PASS		
							VH	1.29	0.0005	PASS		
									VL	6.11	0.00244	PASS
									VN	6.51	0.0026	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	3.2	0.00128	PASS		
					VL	-3.13	-0.00123	PASS		
					VN	2.17	0.00086	PASS		
			HCH	TN	VH	1.46	0.00058	PASS		
					VL	-3.38	-0.00132	PASS		
					VN	-5.12	-0.002	PASS		
		10	LCH	TN	VH	-5.78	-0.00226	PASS		
					VL	0.21	0.00011	PASS		
					VN	-12.16	-0.00656	PASS		
			MCH	TN	VH	-6.48	-0.00349	PASS		
					VL	3.39	0.0018	PASS		
					VN	6.84	0.00364	PASS		
			HCH	TN	VH	0.4	0.00021	PASS		
					VL	-2.27	-0.00119	PASS		
					VN	-0.87	-0.00046	PASS		
		15	LCH	TN	VH	-3.43	-0.0018	PASS		
					VL	-4.02	-0.00216	PASS		
					VN	2.93	0.00158	PASS		
			MCH	TN	VH	1	0.00054	PASS		
					VL	2.22	0.00118	PASS		
					VN	-0.94	-0.0005	PASS		
			HCH	TN	VH	-0.66	-0.00035	PASS		
					VL	-7.2	-0.00378	PASS		
					VN	-4.36	-0.00229	PASS		
		20	LCH	TN	VH	-9.11	-0.00479	PASS		
					VL	-0.62	-0.00033	PASS		
					VN	-1.44	-0.00077	PASS		
			MCH	TN	VH	3.36	0.00181	PASS		
					VL	-0.03	-0.00002	PASS		
					VN	0.31	0.00016	PASS		
			HCH	TN	VH	-0.69	-0.00037	PASS		
					VL	-1.56	-0.00082	PASS		
					VN	0.41	0.00022	PASS		
							VH	-5.51	-0.0029	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]	Limit [dBm]	Verdict
BAND2	LTE/TM1	1.4	LCH	VN	-30	6.02	0.00325	±2.5	PASS
					-20	-0.90	-0.00049	±2.5	PASS
					-10	8.87	0.00479	±2.5	PASS
					0	-2.75	-0.00149	±2.5	PASS
					10	-10.40	-0.00562	±2.5	PASS
					20	-4.18	-0.0028	±2.5	PASS
					30	4.42	0.00239	±2.5	PASS
					40	8.91	0.00481	±2.5	PASS
			50	-6.42	-0.00347	±2.5	PASS		
			MCH	VN	-30	-2.63	-0.0014	±2.5	PASS
					-20	-11.12	-0.00591	±2.5	PASS
					-10	-2.13	-0.00166	±2.5	PASS
					0	0.54	0.00029	±2.5	PASS
					10	3.50	0.00186	±2.5	PASS
					20	-9.86	-0.00524	±2.5	PASS
					30	-9.37	-0.00498	±2.5	PASS
					40	0.84	0.00045	±2.5	PASS
			50	-12.55	-0.00668	±2.5	PASS		
			HCH	VN	-30	-3.62	-0.0019	±2.5	PASS
					-20	-1.72	-0.0009	±2.5	PASS
					-10	-2.15	-0.00165	±2.5	PASS
					0	3.46	0.00181	±2.5	PASS
					10	-11.50	-0.00602	±2.5	PASS
					20	-3.58	-0.00188	±2.5	PASS
		30			-9.86	-0.00516	±2.5	PASS	
		40			-0.34	-0.00018	±2.5	PASS	
		50	-0.53	-0.00028	±2.5	PASS			
		3	LCH	VN	-30	-10.19	-0.0055	±2.5	PASS
					-20	-9.57	-0.00517	±2.5	PASS
					-10	-4.35	-0.00235	±2.5	PASS
					0	-0.41	-0.00022	±2.5	PASS
					10	-3.11	-0.00222	±2.5	PASS
					20	-9.37	-0.00506	±2.5	PASS
					30	-2.53	-0.00137	±2.5	PASS
					40	-13.30	-0.00718	±2.5	PASS
		50	-9.86	-0.00533	±2.5	PASS			

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict		
			MCH	VN	-30	-9.76	-0.00519	±2.5	PASS		
					-20	-9.04	-0.00481	±2.5	PASS		
					-10	-6.34	-0.00337	±2.5	PASS		
					0	-8.15	-0.00434	±2.5	PASS		
					10	-5.28	-0.00281	±2.5	PASS		
					20	-3.96	-0.00211	±2.5	PASS		
					30	-3.05	-0.00162	±2.5	PASS		
					40	-5.64	-0.003	±2.5	PASS		
					50	-8.25	-0.00439	±2.5	PASS		
			HCH	VN	-30	-1.69	-0.00089	±2.5	PASS		
					-20	-9.06	-0.00475	±2.5	PASS		
					-10	-6.72	-0.00352	±2.5	PASS		
					0	-0.90	-0.00047	±2.5	PASS		
					10	-10.30	-0.0054	±2.5	PASS		
					20	-8.44	-0.00442	±2.5	PASS		
					30	-2.20	-0.00115	±2.5	PASS		
					40	-10.11	-0.0053	±2.5	PASS		
					50	-5.68	-0.00298	±2.5	PASS		
			5		LCH	VN	-30	9.28	0.00501	±2.5	PASS
							-20	-1.23	-0.00066	±2.5	PASS
							-10	0.56	0.0003	±2.5	PASS
							0	1.89	0.00102	±2.5	PASS
							10	2.07	0.00112	±2.5	PASS
							20	5.65	0.00305	±2.5	PASS
		30					4.53	0.00245	±2.5	PASS	
		40					0.70	0.00038	±2.5	PASS	
		50					-9.58	-0.00517	±2.5	PASS	
		MCH			VN	-30	-2.80	-0.00149	±2.5	PASS	
						-20	-17.24	-0.00917	±2.5	PASS	
						-10	-5.41	-0.00288	±2.5	PASS	
			0	-15.42		-0.0082	±2.5	PASS			
			10	0.30		0.00016	±2.5	PASS			
			20	-9.51		-0.00506	±2.5	PASS			
			30	-18.07		-0.00961	±2.5	PASS			
			40	0.43		0.00023	±2.5	PASS			
			50	-6.85		-0.00364	±2.5	PASS			
		HCH	VN	-30	-13.03	-0.00683	±2.5	PASS			
				-20	-1.65	-0.00087	±2.5	PASS			
				-10	-2.39	-0.00125	±2.5	PASS			
				0	-6.88	-0.00361	±2.5	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
					10	-5.48	-0.00287	±2.5	PASS
					20	1.09	0.00057	±2.5	PASS
					30	5.51	0.00289	±2.5	PASS
					40	-6.72	-0.00352	±2.5	PASS
					50	-10.43	-0.00547	±2.5	PASS
		10	LCH	VN	-30	-4.11	-0.00275	±2.5	PASS
					-20	-3.36	-0.00181	±2.5	PASS
					-10	-0.50	-0.00027	±2.5	PASS
					0	-4.02	-0.00217	±2.5	PASS
					10	-6.31	-0.0034	±2.5	PASS
					20	-7.50	-0.00404	±2.5	PASS
					30	-4.81	-0.00259	±2.5	PASS
					40	-3.63	-0.00196	±2.5	PASS
					50	-4.88	-0.00263	±2.5	PASS
					MCH	VN	-30	-6.39	-0.0034
			-20	-8.34			-0.00444	±2.5	PASS
			-10	-6.41			-0.00341	±2.5	PASS
			0	-7.71			-0.0041	±2.5	PASS
			10	-6.35			-0.00338	±2.5	PASS
			20	-9.28			-0.00494	±2.5	PASS
			30	-9.04			-0.00481	±2.5	PASS
			40	-8.05			-0.00428	±2.5	PASS
			50	-8.80			-0.00468	±2.5	PASS
			HCH	VN			-30	-1.23	-0.00065
					-20	-6.61	-0.00347	±2.5	PASS
					-10	-3.95	-0.00207	±2.5	PASS
					0	-5.24	-0.00275	±2.5	PASS
					10	-2.46	-0.00129	±2.5	PASS
					20	3.63	0.00191	±2.5	PASS
					30	5.25	0.00276	±2.5	PASS
		40			10.49	0.00551	±2.5	PASS	
		50	-12.12	-0.00636	±2.5	PASS			
		15	LCH	VN	-30	-9.81	-0.00528	±2.5	PASS
					-20	-5.85	-0.00315	±2.5	PASS
					-10	-8.13	-0.00438	±2.5	PASS
					0	-9.04	-0.00487	±2.5	PASS
					10	-9.01	-0.00485	±2.5	PASS
					20	-7.30	-0.00393	±2.5	PASS
					30	-6.64	-0.00357	±2.5	PASS
					40	-9.56	-0.00515	±2.5	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
			MCH	VN	50	-5.24	-0.00282	±2.5	PASS
					-30	-5.36	-0.00285	±2.5	PASS
					-20	-11.52	-0.00613	±2.5	PASS
					-10	-8.50	-0.00452	±2.5	PASS
					0	-9.41	-0.00501	±2.5	PASS
					10	-11.04	-0.00587	±2.5	PASS
					20	-5.19	-0.00329	±2.5	PASS
					30	-9.13	-0.00486	±2.5	PASS
					40	-7.74	-0.00412	±2.5	PASS
			50	-9.10	-0.00484	±2.5	PASS		
			HCH	VN	-30	-5.85	-0.00307	±2.5	PASS
					-20	-7.78	-0.00409	±2.5	PASS
					-10	-5.71	-0.003	±2.5	PASS
					0	-9.04	-0.00475	±2.5	PASS
					10	-9.66	-0.00508	±2.5	PASS
					20	-9.58	-0.00504	±2.5	PASS
					30	-4.69	-0.00247	±2.5	PASS
					40	-6.77	-0.00356	±2.5	PASS
		50			-4.03	-0.00212	±2.5	PASS	
		20	LCH	VN	-30	-4.82	-0.00259	±2.5	PASS
					-20	-2.60	-0.0014	±2.5	PASS
					-10	-3.55	-0.00191	±2.5	PASS
					0	-3.33	-0.00179	±2.5	PASS
					10	-1.54	-0.00083	±2.5	PASS
					20	-3.45	-0.00185	±2.5	PASS
					30	0.84	0.00045	±2.5	PASS
					40	-2.73	-0.00147	±2.5	PASS
					50	-1.40	-0.00075	±2.5	PASS
			MCH	VN	-30	-8.10	-0.00431	±2.5	PASS
					-20	-13.80	-0.00734	±2.5	PASS
					-10	-8.15	-0.00434	±2.5	PASS
					0	-10.46	-0.00556	±2.5	PASS
					10	-10.20	-0.00543	±2.5	PASS
					20	-5.48	-0.00291	±2.5	PASS
					30	-6.32	-0.00336	±2.5	PASS
					40	-2.52	-0.00134	±2.5	PASS
					50	-3.38	-0.0018	±2.5	PASS
		HCH	VN	-30	-11.92	-0.00627	±2.5	PASS	
				-20	4.22	0.00222	±2.5	PASS	
				-10	-6.12	-0.00375	±2.5	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict							
	LTE/TM2				0	0.17	0.00009	±2.5	PASS							
					10	-11.06	-0.00582	±2.5	PASS							
					20	-7.00	-0.00368	±2.5	PASS							
					30	-2.10	-0.00111	±2.5	PASS							
					40	-8.08	-0.00425	±2.5	PASS							
					50	-12.07	-0.00635	±2.5	PASS							
		LCH	VN	1.4			-30	-9.83	-0.00531	±2.5	PASS					
							-20	-4.94	-0.00267	±2.5	PASS					
							-10	-0.59	-0.00032	±2.5	PASS					
							0	4.62	0.0025	±2.5	PASS					
							10	-3.99	-0.00216	±2.5	PASS					
							20	-2.66	-0.00144	±2.5	PASS					
							30	-10.50	-0.00567	±2.5	PASS					
							40	-9.64	-0.00521	±2.5	PASS					
							50	-8.30	-0.00448	±2.5	PASS					
							MCH	VN	1.4			-30	-5.97	-0.00318	±2.5	PASS
												-20	-4.23	-0.00225	±2.5	PASS
												-10	-15.05	-0.00801	±2.5	PASS
	0	-9.00	-0.00479		±2.5	PASS										
	10	-7.45	-0.00396		±2.5	PASS										
	20	-3.18	-0.00222		±2.5	PASS										
	HCH	VN	1.4				30	-5.06		-0.00269	±2.5	PASS				
							40	-8.91		-0.00474	±2.5	PASS				
							50	-11.12		-0.00591	±2.5	PASS				
				-30			-14.38	-0.00753		±2.5	PASS					
				-20			-6.18	-0.00376		±2.5	PASS					
				-10			-9.01	-0.00472		±2.5	PASS					
	3	LCH		1.4		VN	0	-11.79	-0.00618	±2.5	PASS					
							10	-16.21	-0.00849	±2.5	PASS					
							20	2.00	0.00105	±2.5	PASS					
							30	-2.22	-0.00116	±2.5	PASS					
							40	-7.75	-0.00406	±2.5	PASS					
							50	-9.44	-0.00494	±2.5	PASS					
							3			-30	-13.26	-0.00716	±2.5	PASS		
										-20	-0.13	-0.00007	±2.5	PASS		
										-10	-11.87	-0.00641	±2.5	PASS		
										0	-4.28	-0.00231	±2.5	PASS		
										10	-7.22	-0.0039	±2.5	PASS		
										20	-12.75	-0.00689	±2.5	PASS		
						30	-12.15	-0.0071	±2.5	PASS						



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
					40	-0.51	-0.00028	±2.5	PASS
					50	-14.79	-0.00799	±2.5	PASS
			MCH	VN	-30	-7.30	-0.00388	±2.5	PASS
					-20	-4.52	-0.0024	±2.5	PASS
					-10	-5.72	-0.00304	±2.5	PASS
					0	-6.52	-0.00347	±2.5	PASS
					10	-4.75	-0.00253	±2.5	PASS
					20	-0.27	-0.00014	±2.5	PASS
					30	-10.93	-0.00581	±2.5	PASS
					40	-8.74	-0.00465	±2.5	PASS
					50	-2.13	-0.00166	±2.5	PASS
					HCH	VN	-30	-1.75	-0.00092
			-20	-13.20			-0.00692	±2.5	PASS
			-10	-12.12			-0.00687	±2.5	PASS
			0	-6.11			-0.00373	±2.5	PASS
			10	-2.10			-0.0011	±2.5	PASS
			20	2.10			0.00162	±2.5	PASS
			30	-4.35			-0.00228	±2.5	PASS
			40	-14.31			-0.0075	±2.5	PASS
			50	-10.09			-0.00529	±2.5	PASS
		5	LCH	VN			-30	-3.26	-0.00176
					-20	-0.99	-0.00053	±2.5	PASS
					-10	-3.99	-0.00215	±2.5	PASS
					0	-0.54	-0.00029	±2.5	PASS
					10	1.04	0.00056	±2.5	PASS
					20	-1.52	-0.00082	±2.5	PASS
					30	-3.12	-0.00222	±2.5	PASS
					40	-2.88	-0.00155	±2.5	PASS
					50	-2.99	-0.00161	±2.5	PASS
					MCH	VN	-30	-6.67	-0.00355
			-20	-6.51			-0.00346	±2.5	PASS
			-10	-4.68			-0.00249	±2.5	PASS
			0	-4.39			-0.00234	±2.5	PASS
			10	-4.65			-0.00247	±2.5	PASS
			20	-6.61			-0.00352	±2.5	PASS
			30	-2.07			-0.0011	±2.5	PASS
			40	-3.18			-0.00222	±2.5	PASS
			50	-1.67			-0.00089	±2.5	PASS
			HCH	VN			-30	-5.97	-0.00313
					-20	0.10	0.00005	±2.5	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict		
					-10	-9.63	-0.00505	±2.5	PASS		
					0	-6.24	-0.00327	±2.5	PASS		
					10	-0.46	-0.00024	±2.5	PASS		
					20	-0.10	-0.00005	±2.5	PASS		
					30	-3.29	-0.00172	±2.5	PASS		
					40	0.17	0.00009	±2.5	PASS		
					50	-0.20	-0.0001	±2.5	PASS		
		10	LCH	VN	-30	-6.51	-0.00351	±2.5	PASS		
					-20	-5.08	-0.00274	±2.5	PASS		
					-10	-5.46	-0.00294	±2.5	PASS		
					0	-1.87	-0.00101	±2.5	PASS		
					10	-3.09	-0.00167	±2.5	PASS		
					20	-3.93	-0.00212	±2.5	PASS		
					30	-2.16	-0.00116	±2.5	PASS		
					40	-1.75	-0.00094	±2.5	PASS		
					50	-1.57	-0.00085	±2.5	PASS		
					MCH	VN	-30	-8.14	-0.00433	±2.5	PASS
							-20	-6.55	-0.00348	±2.5	PASS
							-10	-6.10	-0.00378	±2.5	PASS
							0	-6.32	-0.00336	±2.5	PASS
							10	-6.28	-0.00334	±2.5	PASS
			20	-6.29			-0.00335	±2.5	PASS		
			30	-9.36			-0.00498	±2.5	PASS		
			40	-7.28			-0.00387	±2.5	PASS		
			50	-3.30			-0.00176	±2.5	PASS		
			HCH	VN			-30	-3.00	-0.00157	±2.5	PASS
							-20	-10.49	-0.00551	±2.5	PASS
							-10	4.63	0.00243	±2.5	PASS
							0	-5.89	-0.00309	±2.5	PASS
							10	4.39	0.0023	±2.5	PASS
					20	-2.25	-0.00118	±2.5	PASS		
					30	-6.10	-0.00373	±2.5	PASS		
					40	-0.33	-0.00017	±2.5	PASS		
					50	2.83	0.00149	±2.5	PASS		
					15	LCH	VN	-30	-9.80	-0.00528	±2.5
		-20	-4.35	-0.00234				±2.5	PASS		
		-10	-11.00	-0.00592				±2.5	PASS		
		0	-8.96	-0.00482				±2.5	PASS		
		10	-7.04	-0.00379				±2.5	PASS		
		20	-9.54	-0.00514				±2.5	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict		
					30	-7.61	-0.0041	±2.5	PASS		
					40	-6.39	-0.00344	±2.5	PASS		
					50	-10.49	-0.00565	±2.5	PASS		
			MCH	VN	-30	-9.04	-0.00481	±2.5	PASS		
					-20	-2.73	-0.00145	±2.5	PASS		
					-10	-7.90	-0.0042	±2.5	PASS		
					0	-6.10	-0.00378	±2.5	PASS		
					10	-7.00	-0.00372	±2.5	PASS		
					20	-6.57	-0.00349	±2.5	PASS		
					30	-3.43	-0.00182	±2.5	PASS		
					40	-3.13	-0.0022	±2.5	PASS		
					50	-2.99	-0.00159	±2.5	PASS		
			HCH	VN	-30	-9.88	-0.00519	±2.5	PASS		
					-20	-6.10	-0.00373	±2.5	PASS		
					-10	-9.31	-0.00489	±2.5	PASS		
					0	-9.68	-0.00509	±2.5	PASS		
					10	-6.27	-0.0033	±2.5	PASS		
					20	-7.98	-0.00419	±2.5	PASS		
		30			-4.11	-0.00269	±2.5	PASS			
		20		LCH	VN	-30	-3.23	-0.00174	±2.5	PASS	
						-20	-3.28	-0.00176	±2.5	PASS	
						-10	-4.31	-0.00232	±2.5	PASS	
						0	-2.89	-0.00155	±2.5	PASS	
						10	-1.72	-0.00092	±2.5	PASS	
						20	0.80	0.00043	±2.5	PASS	
						30	-0.79	-0.00042	±2.5	PASS	
						40	-1.75	-0.00094	±2.5	PASS	
						50	-1.49	-0.0008	±2.5	PASS	
				MCH	VN	-30	-8.64	-0.0046	±2.5	PASS	
						-20	-7.72	-0.00411	±2.5	PASS	
						-10	-11.86	-0.00631	±2.5	PASS	
						0	-6.27	-0.00334	±2.5	PASS	
						10	-5.76	-0.00306	±2.5	PASS	
						20	-9.76	-0.00519	±2.5	PASS	
		HCH	VN	30	-6.12	-0.00379	±2.5	PASS			
				40	-11.57	-0.00615	±2.5	PASS			
				50	-11.69	-0.00622	±2.5	PASS			
					HCH	VN	-30	-0.83	-0.00044	±2.5	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
					-20	-9.51	-0.00501	±2.5	PASS
					-10	0.20	0.00011	±2.5	PASS
					0	-11.54	-0.00607	±2.5	PASS
					10	-0.59	-0.00031	±2.5	PASS
					20	-2.42	-0.00127	±2.5	PASS
					30	-5.12	-0.00322	±2.5	PASS
					40	1.32	0.00069	±2.5	PASS
					50	-12.80	-0.00674	±2.5	PASS

END