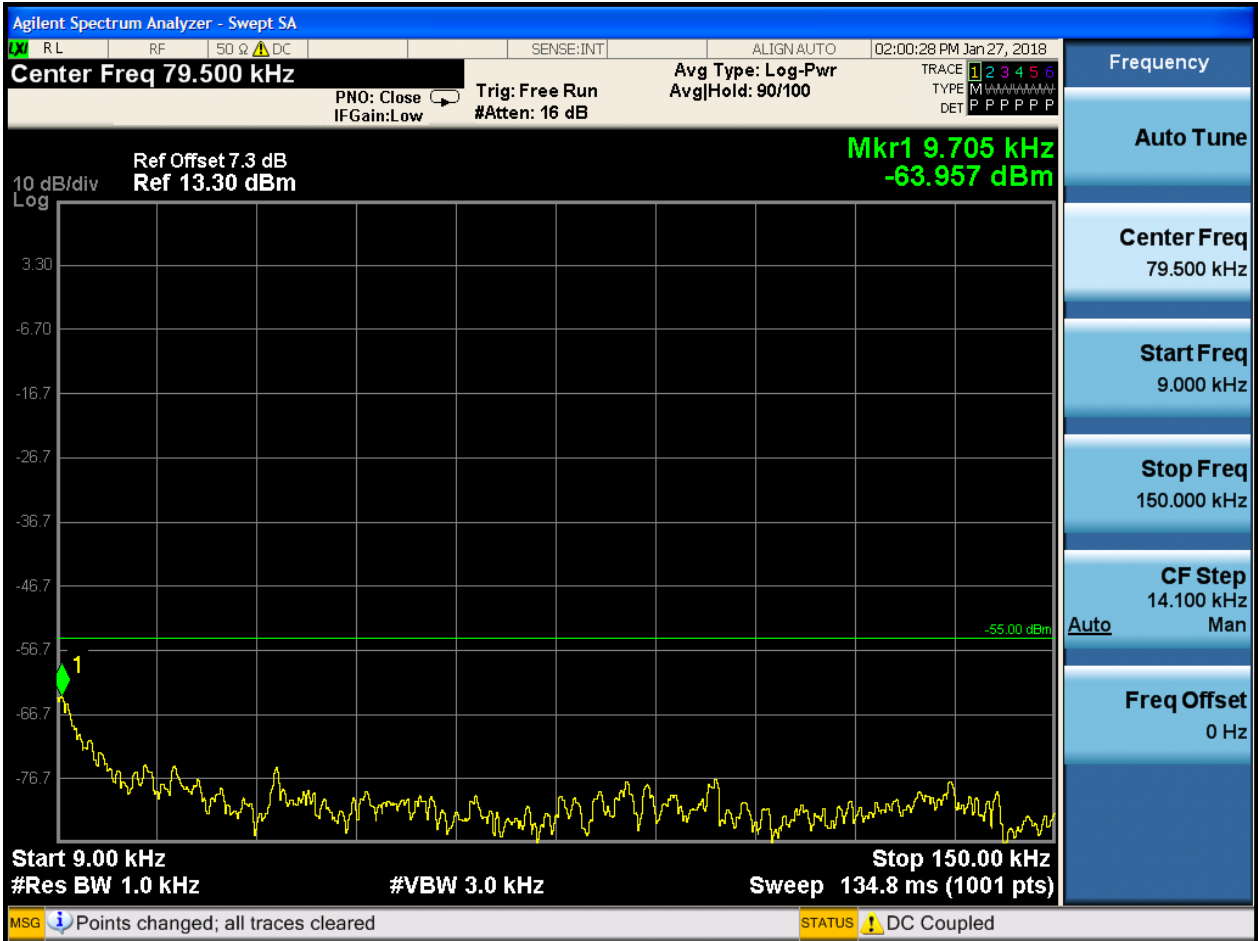
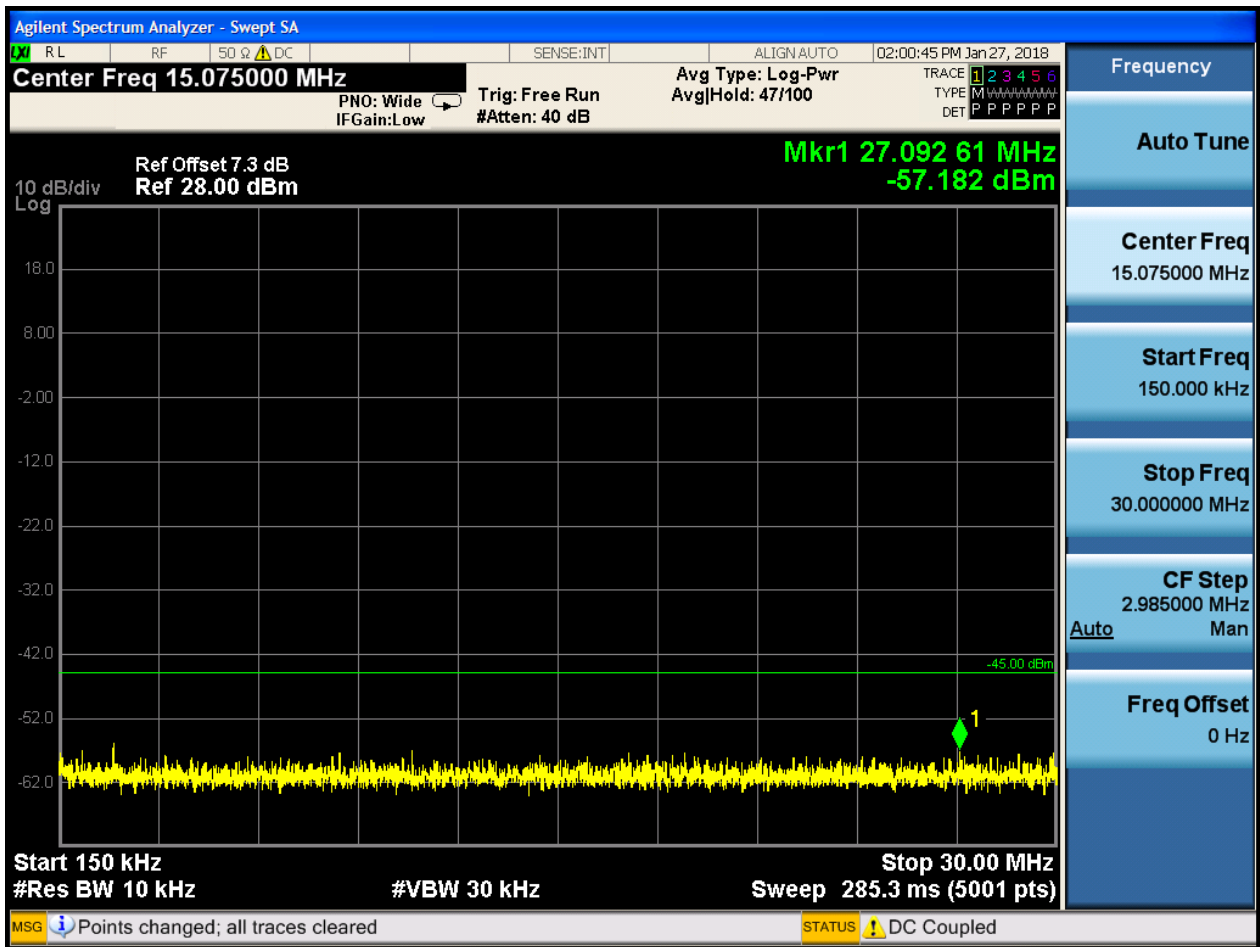


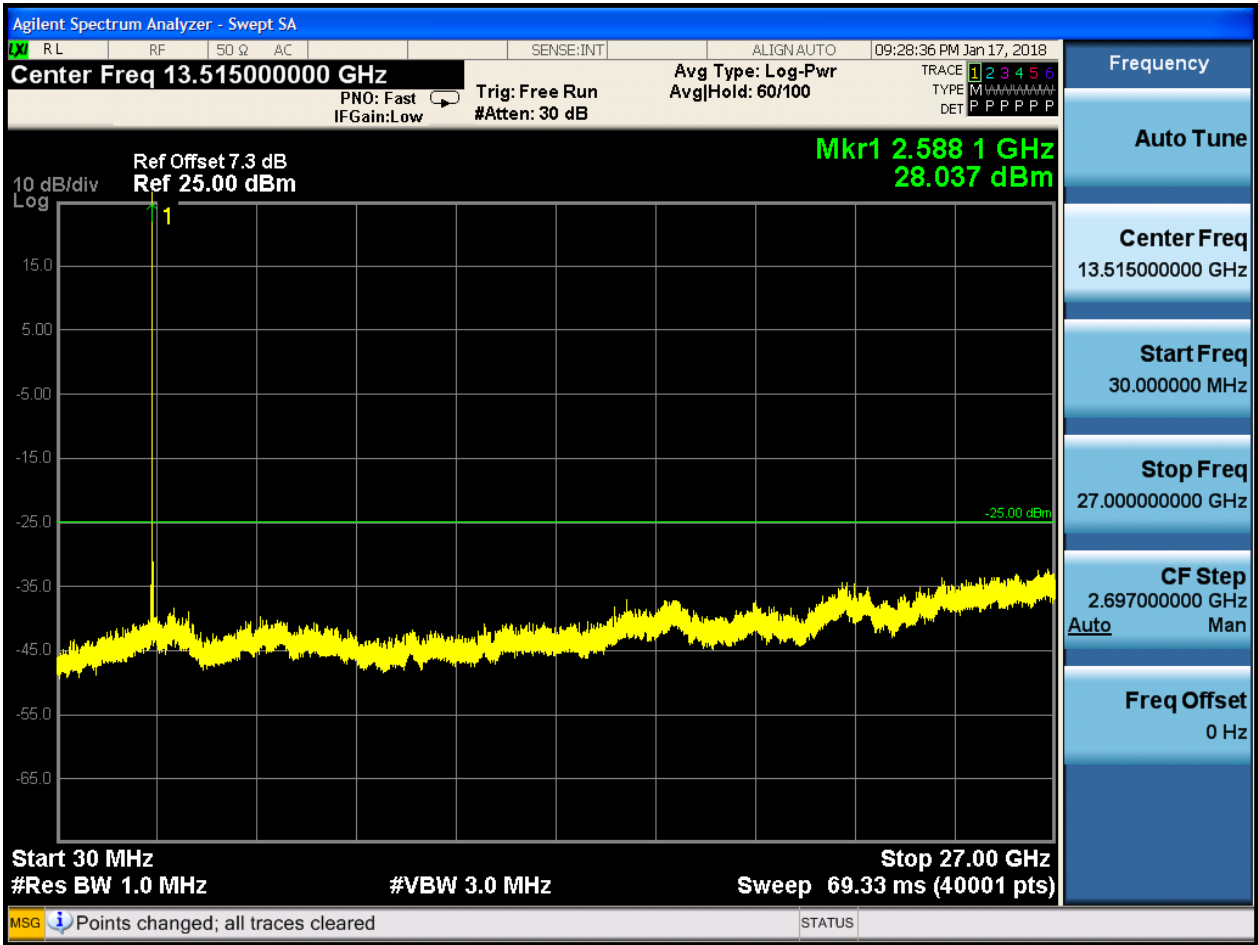


6.1.1.1.3.2 Test Channel = MCH

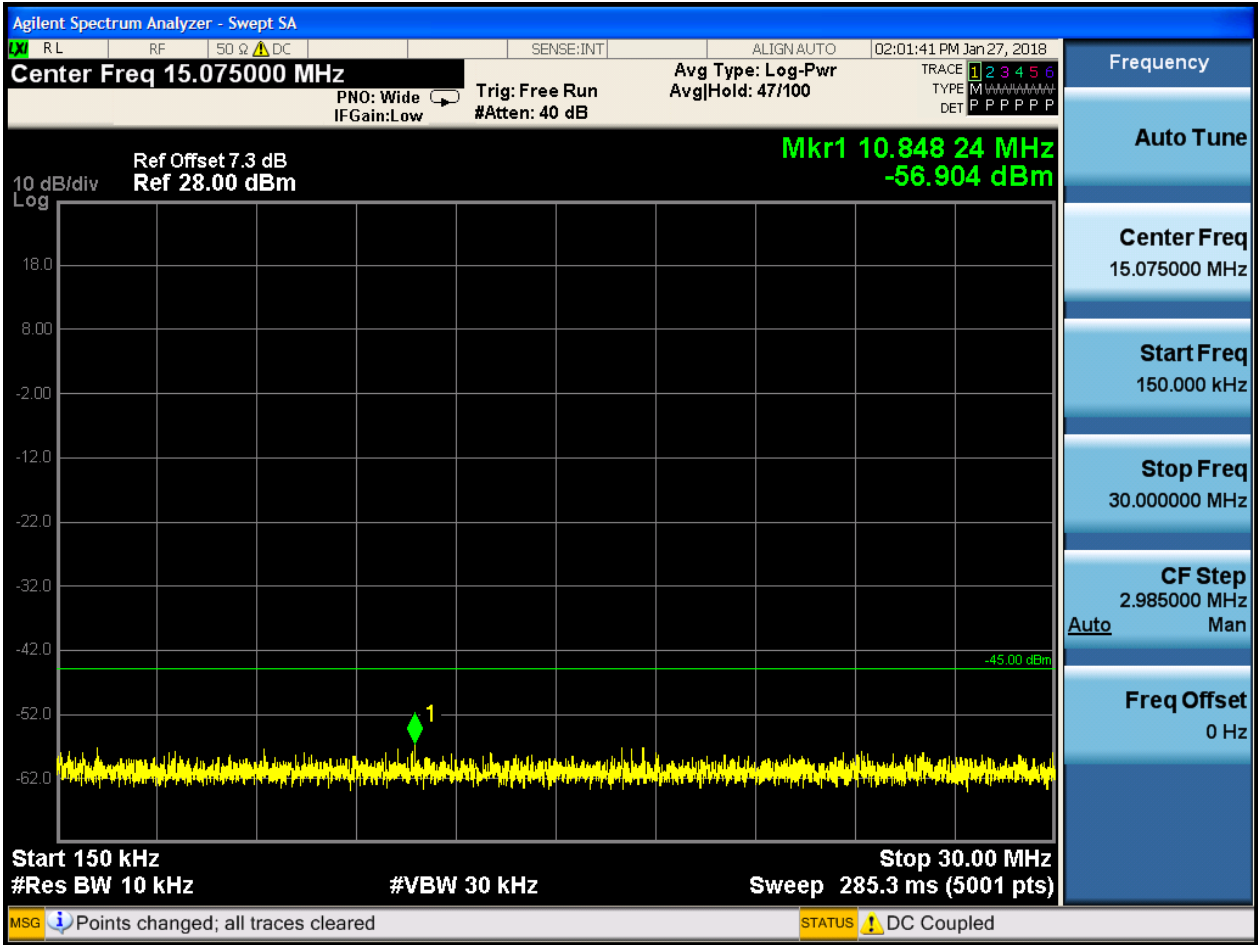
6.1.1.1.3.2.1 Test RB = RB1#0











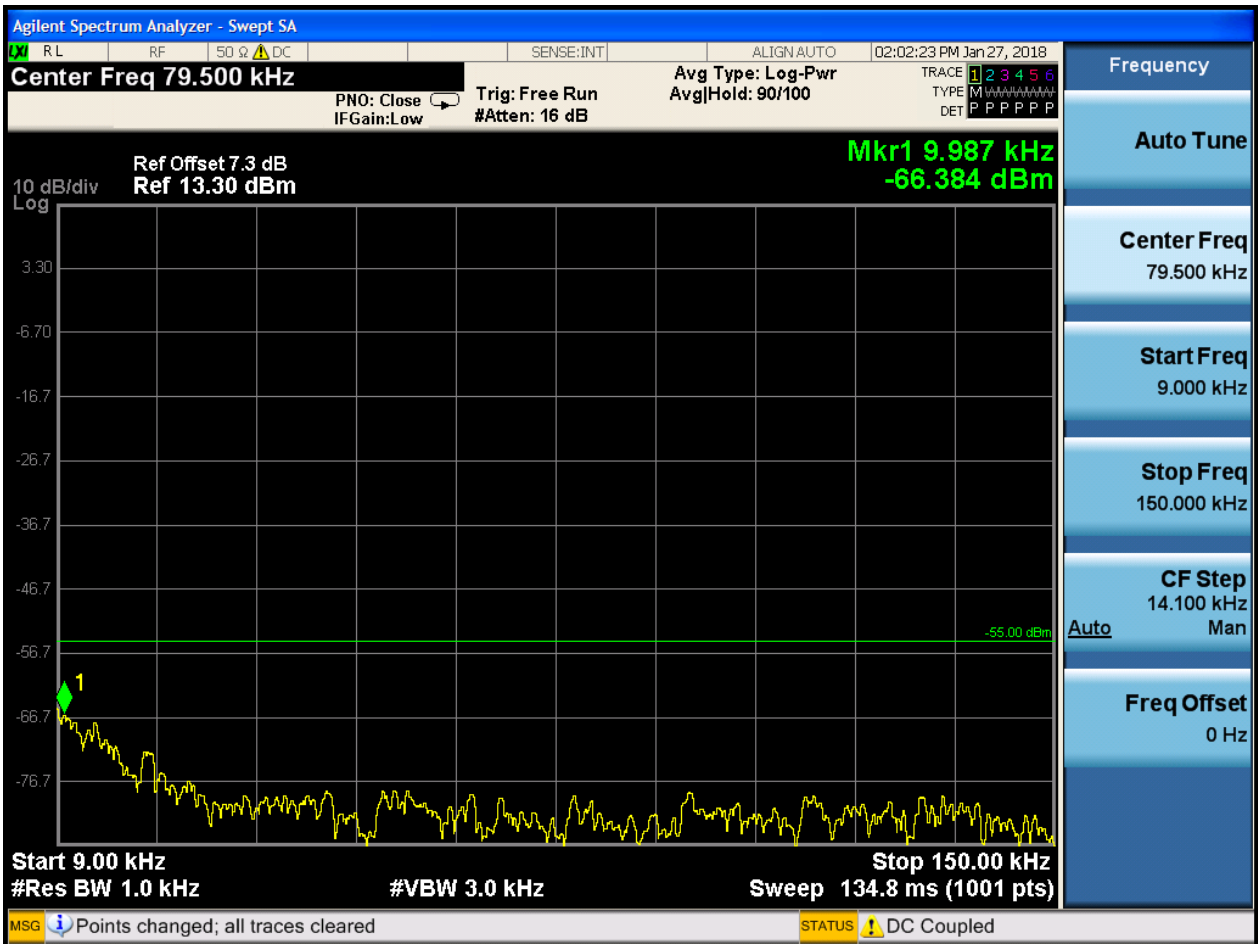




6.1.1.1.4 Test Bandwidth = 20

6.1.1.1.4.1 Test Channel = LCH

6.1.1.1.4.1.1 Test RB = RB1#0





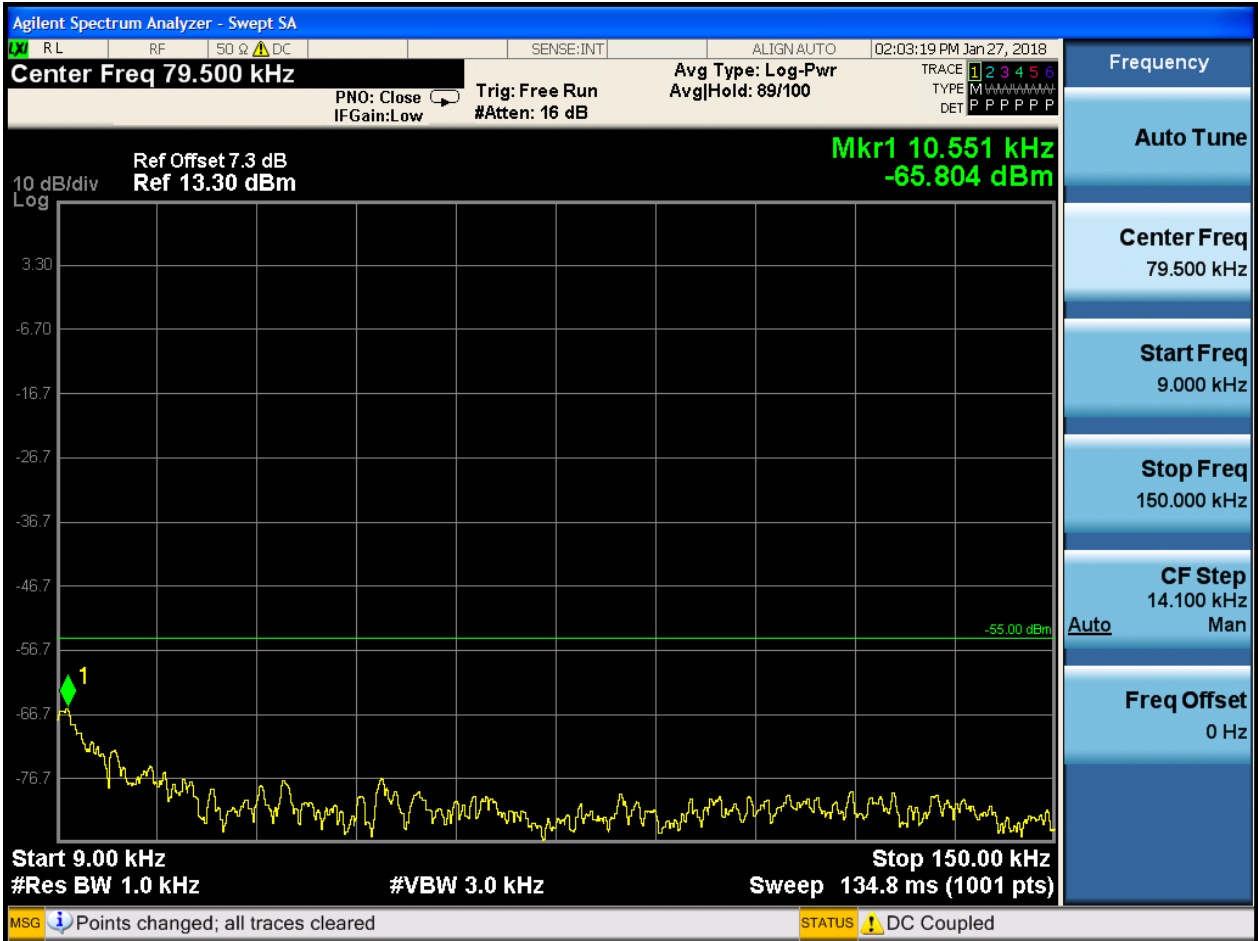


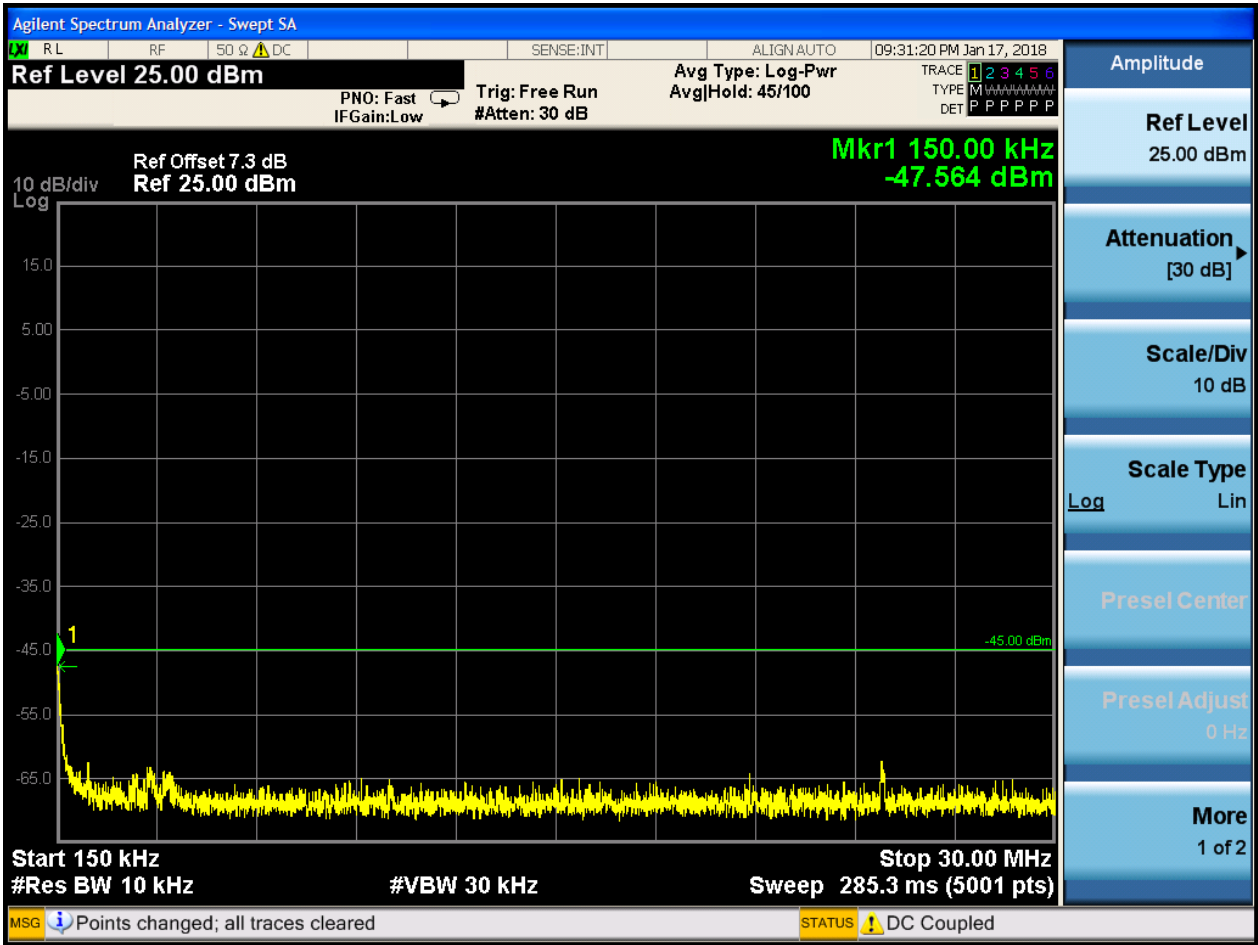




6.1.1.1.4.2 Test Channel = MCH

6.1.1.1.4.2.1 Test RB = RB1#0



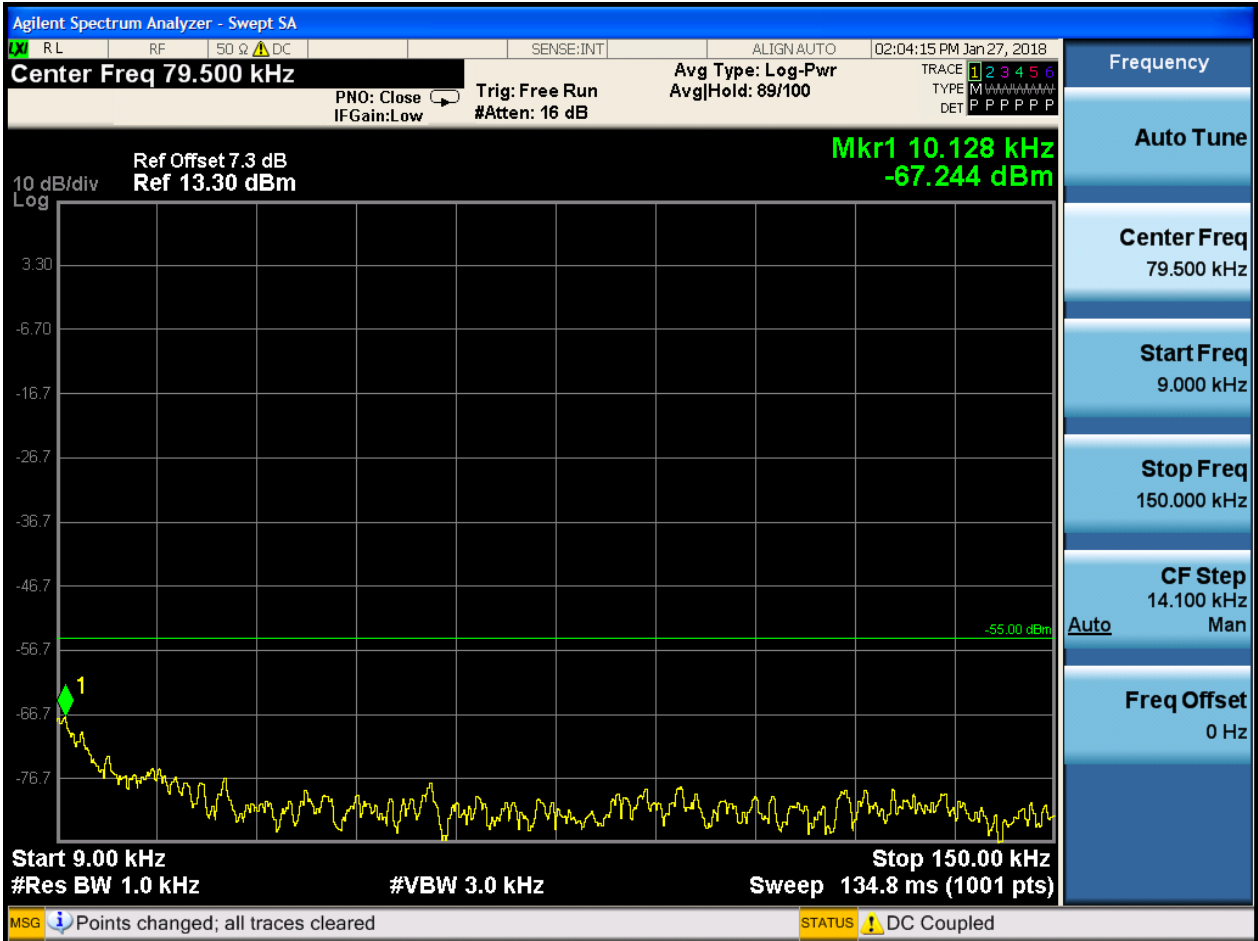






6.1.1.1.4.3 Test Channel = HCH

6.1.1.1.4.3.1 Test RB = RB1#0







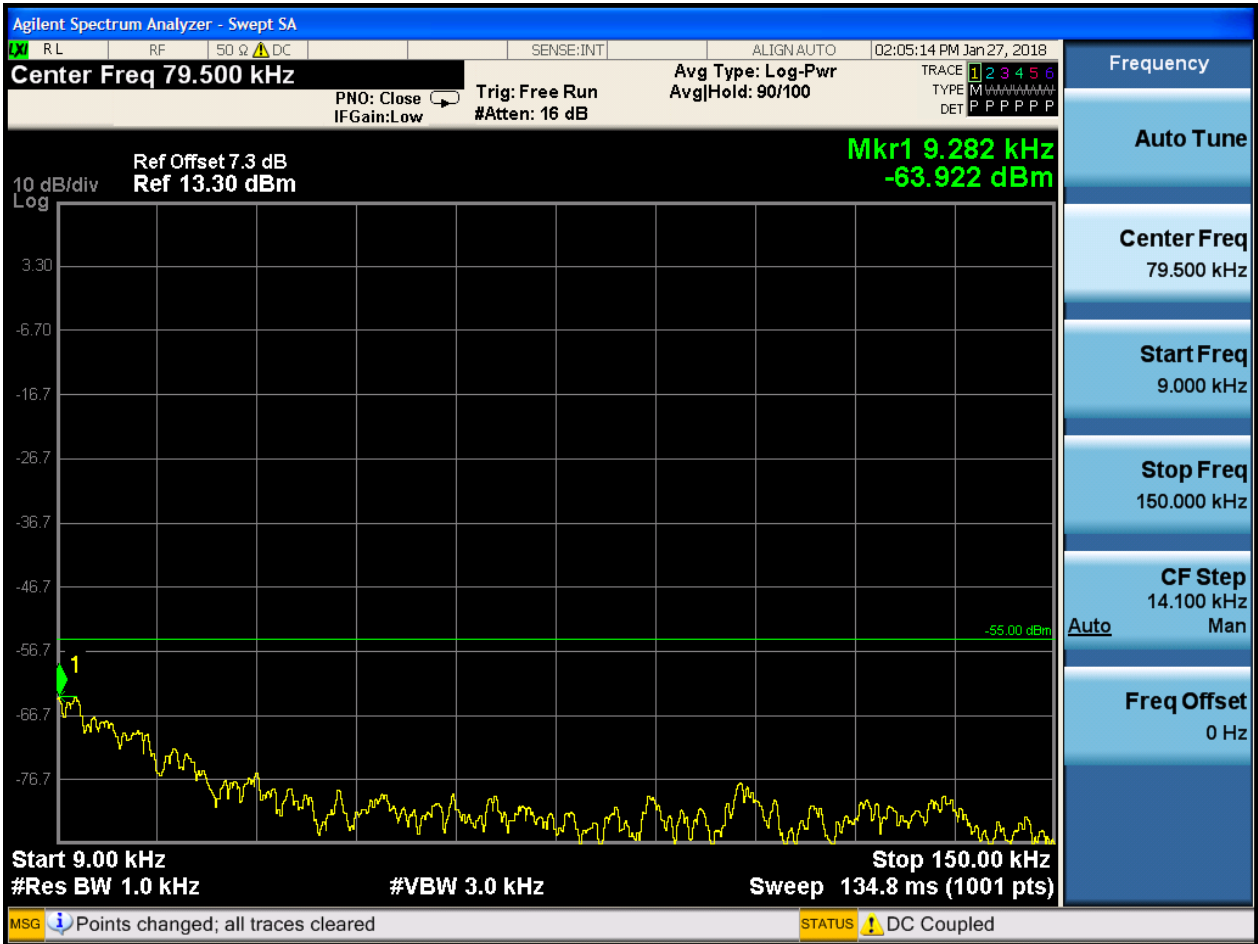


6.1.1.2 Test Mode = LTE/TM2

6.1.1.2.1 Test Bandwidth = 5

6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0



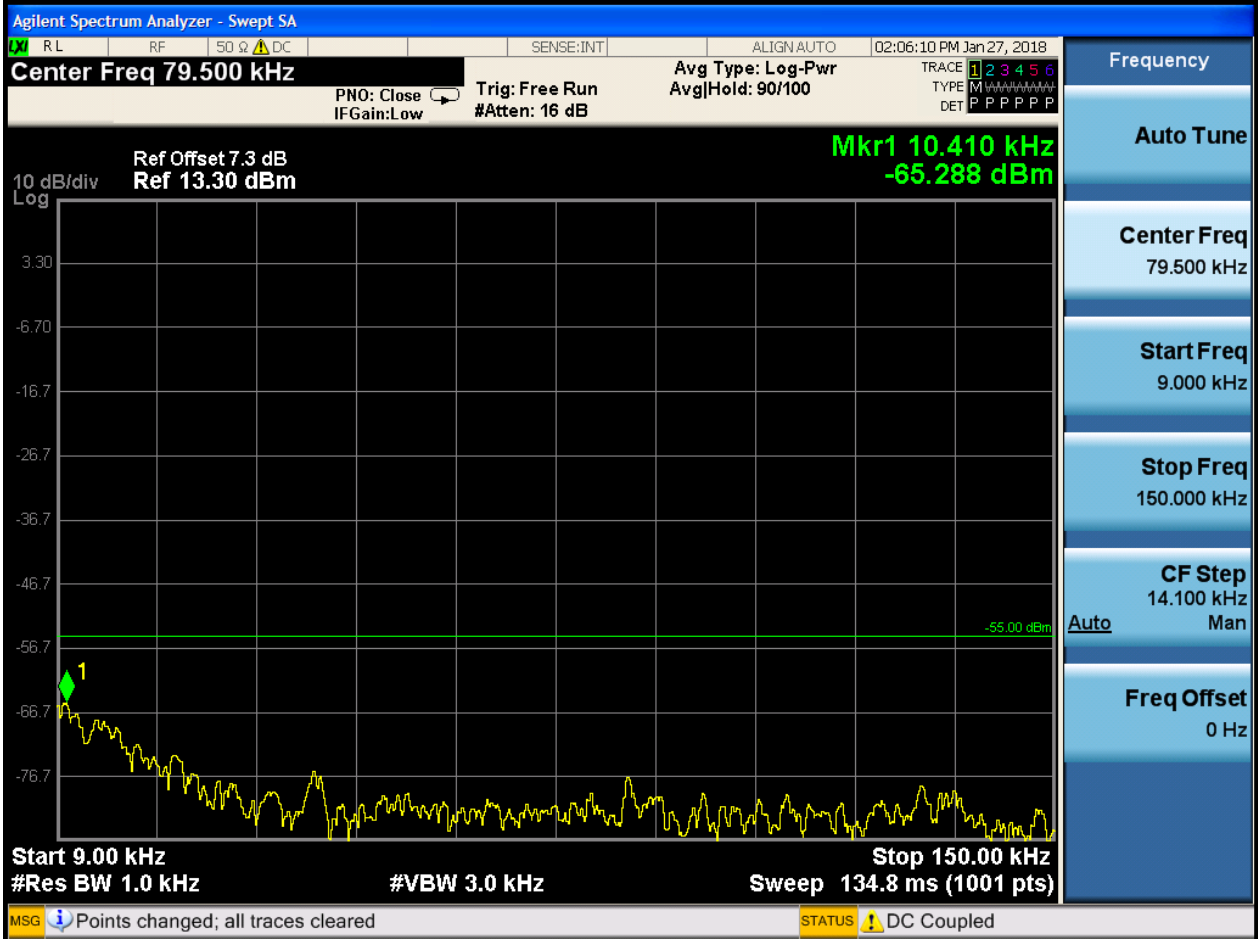




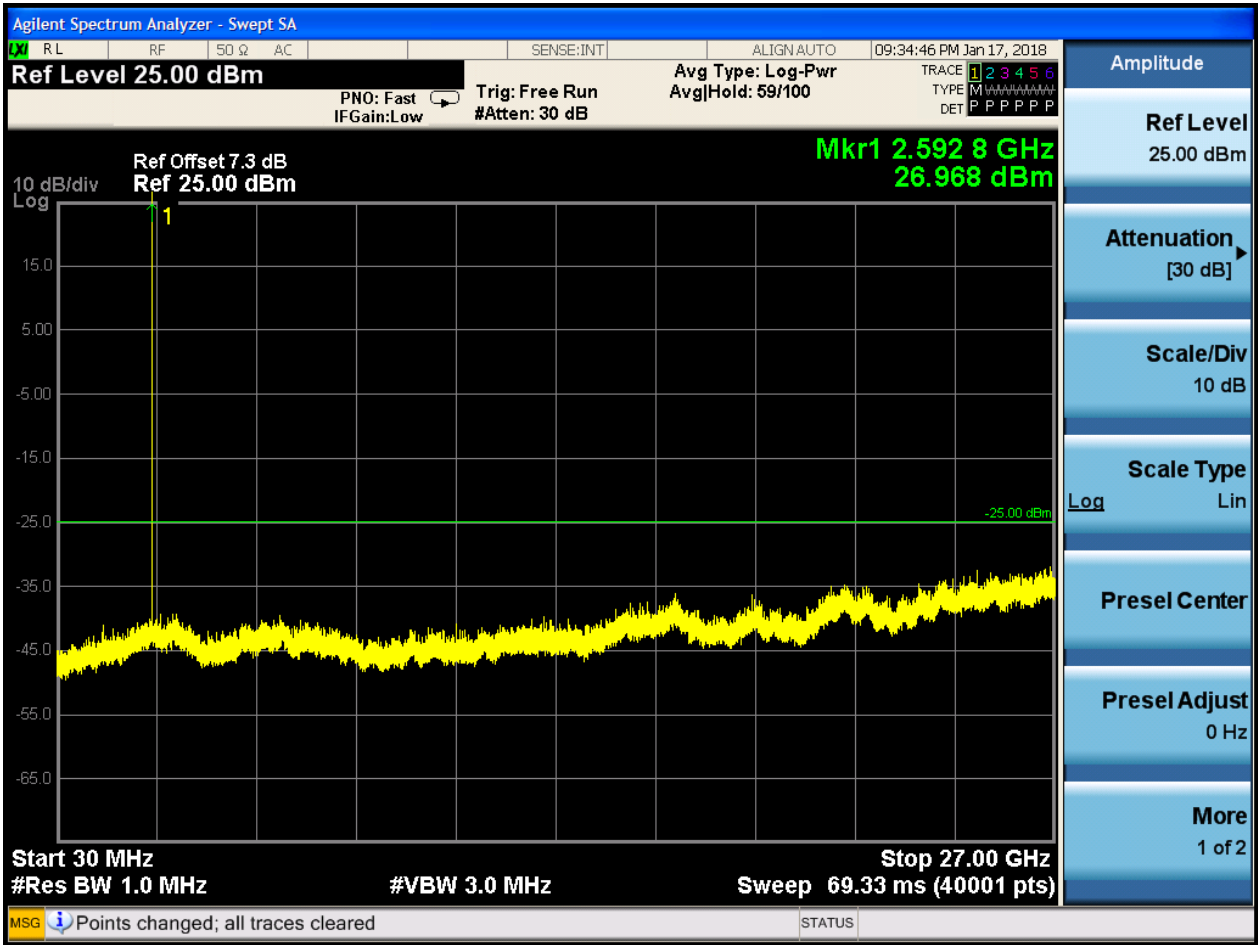


6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0



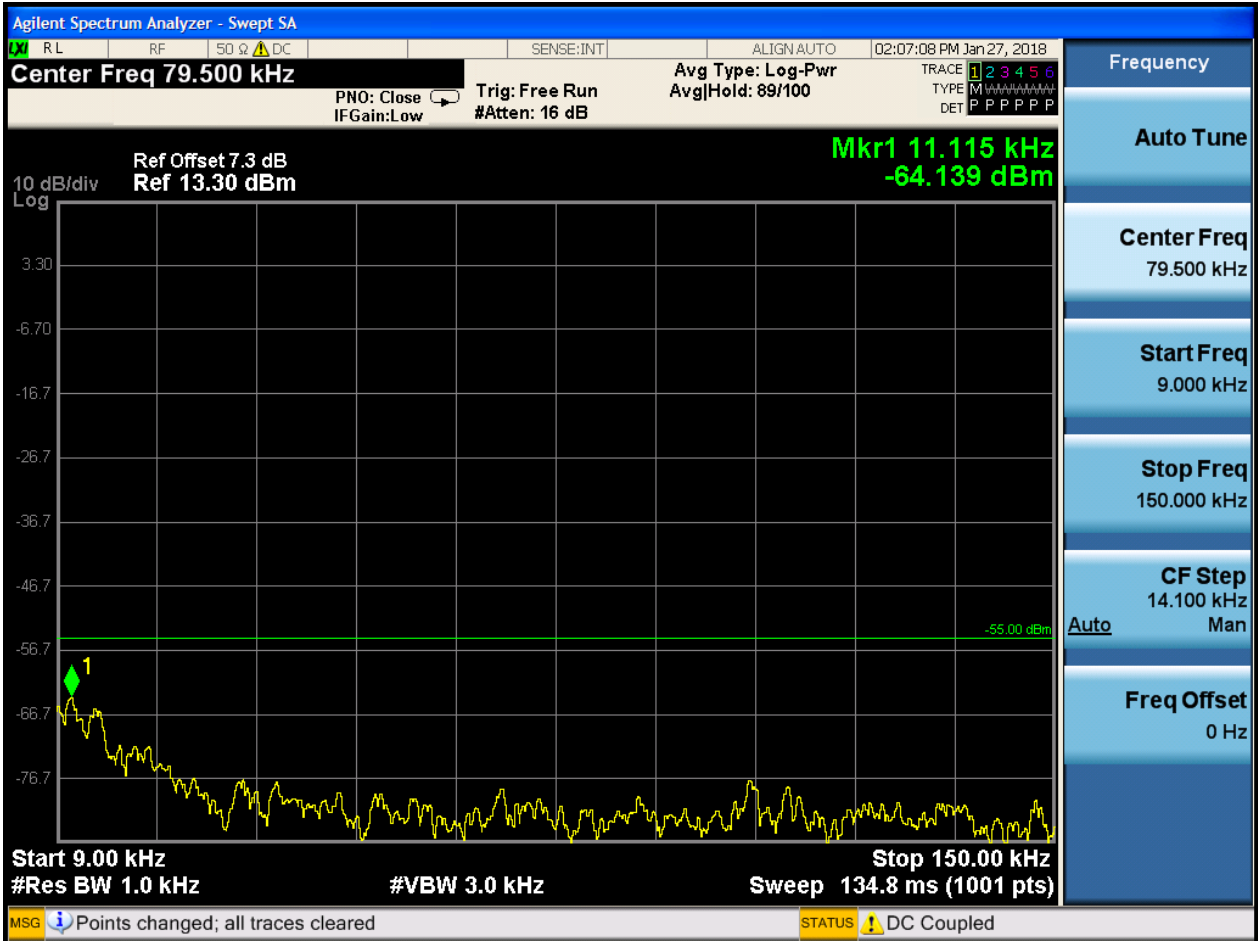






6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0

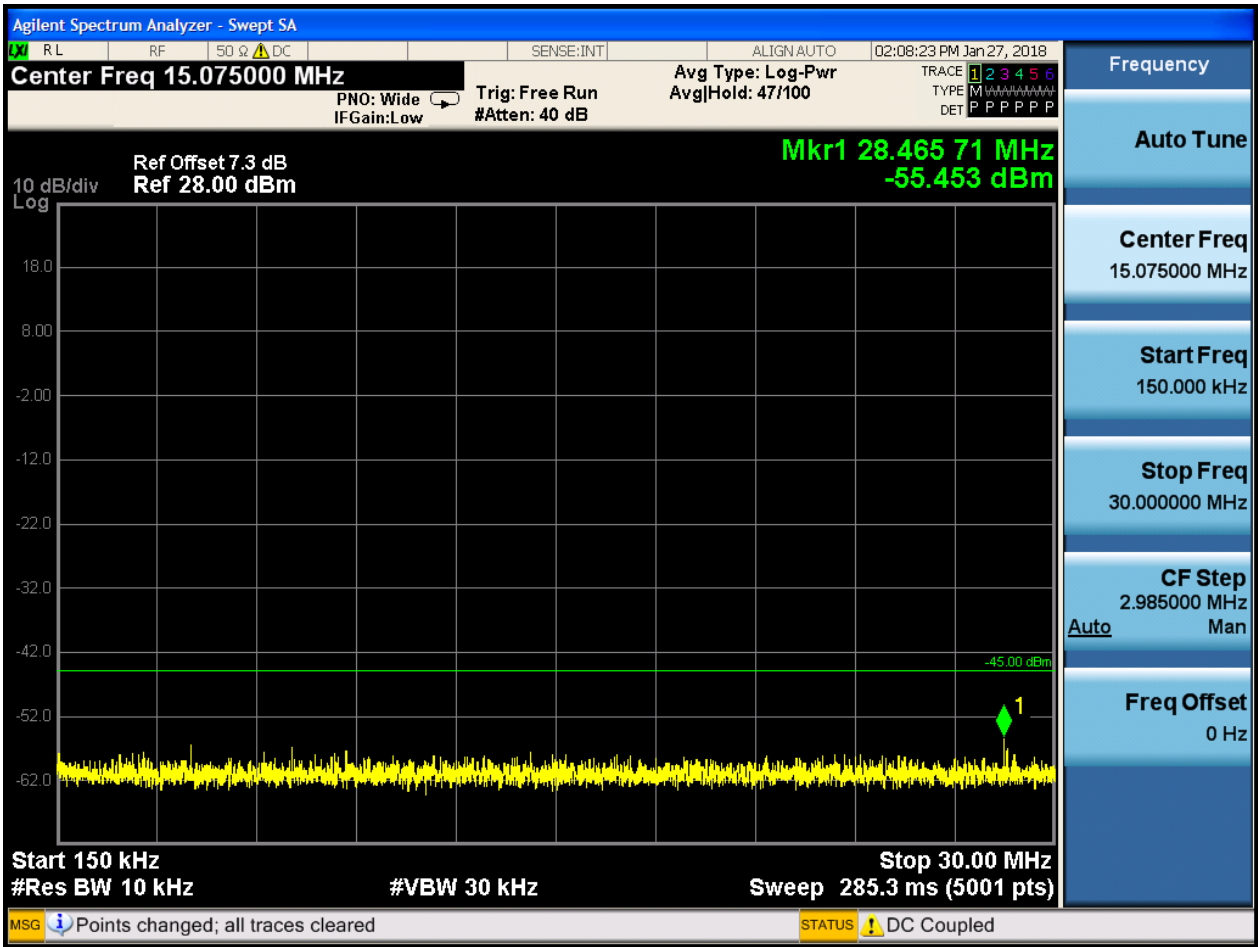


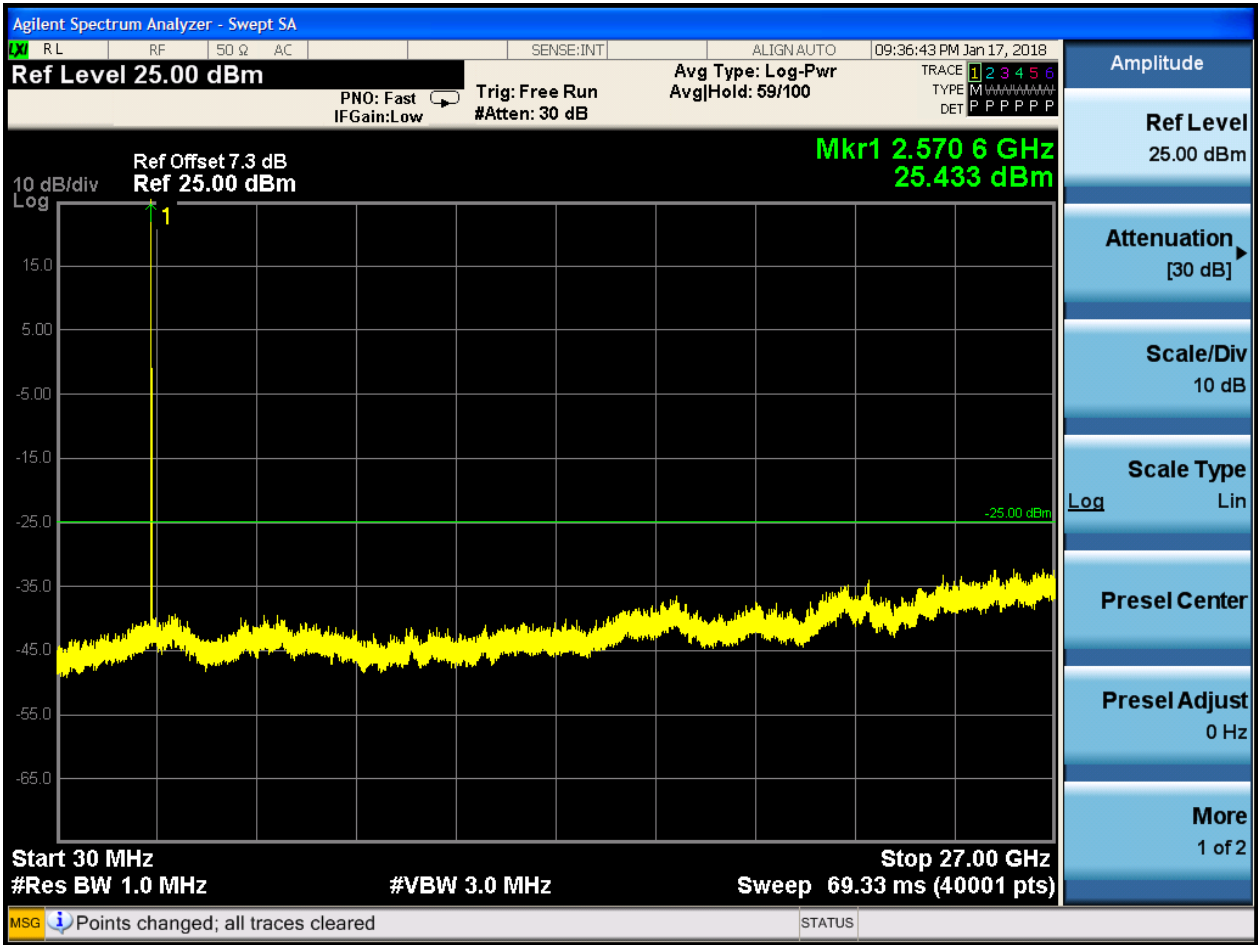








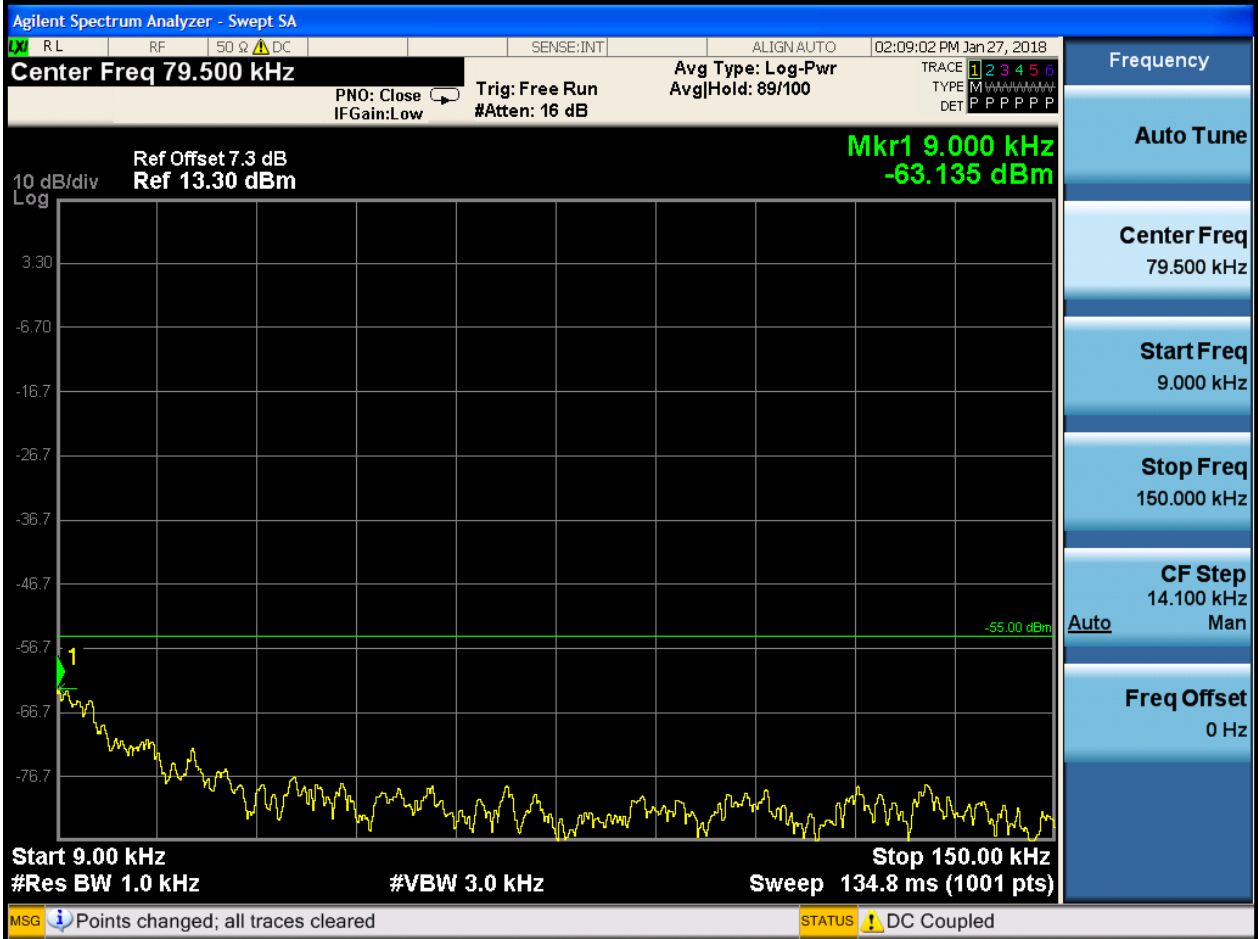


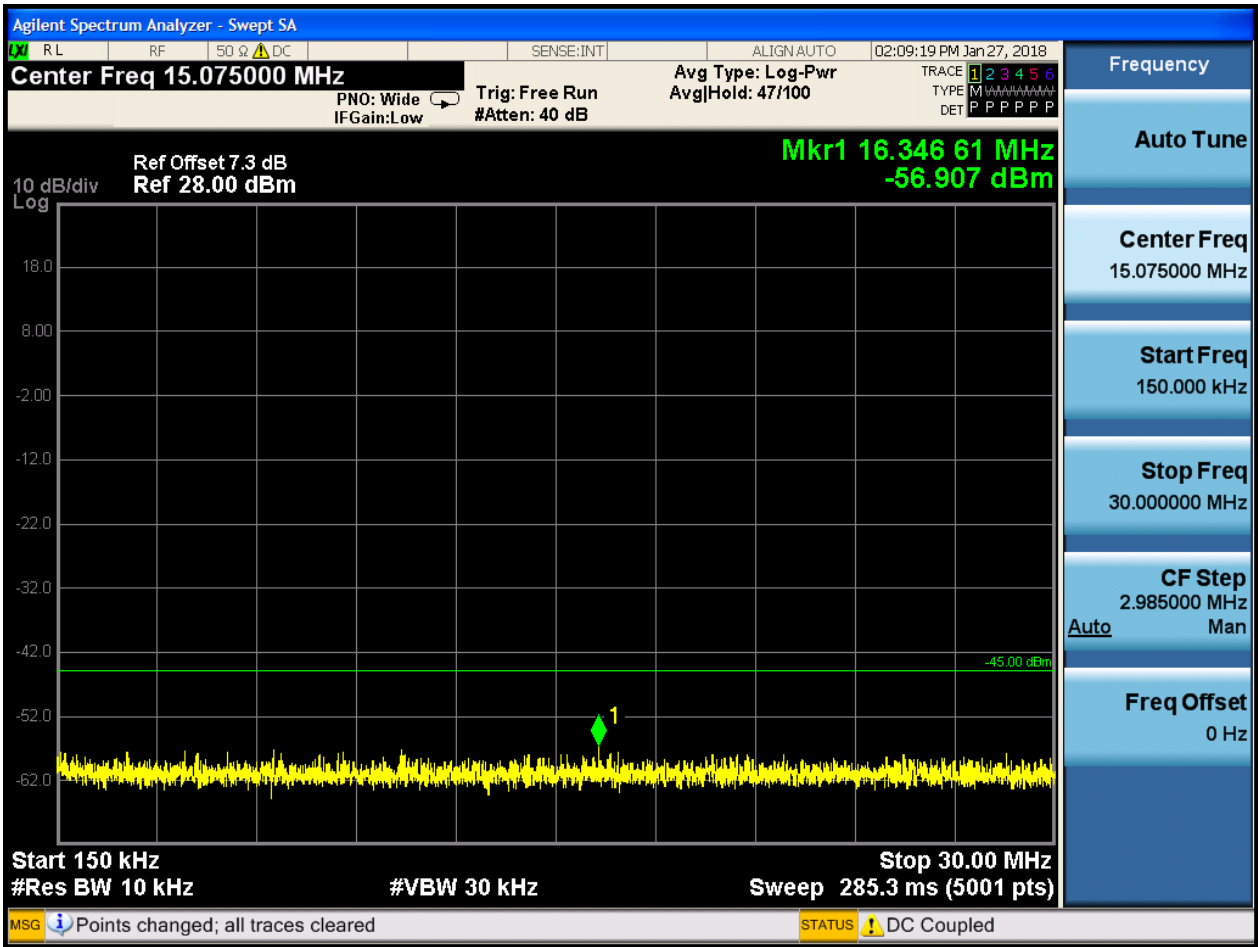




6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0













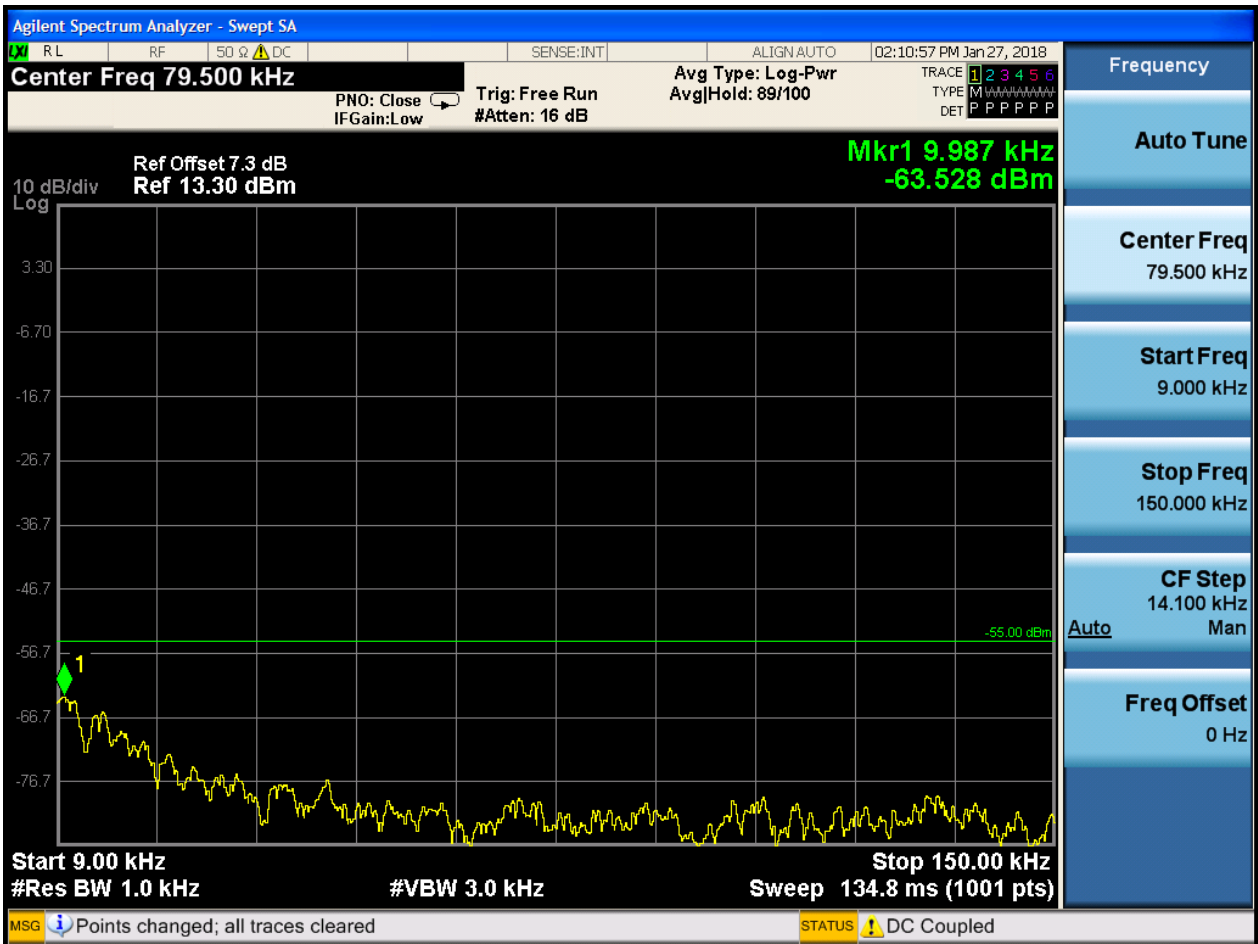




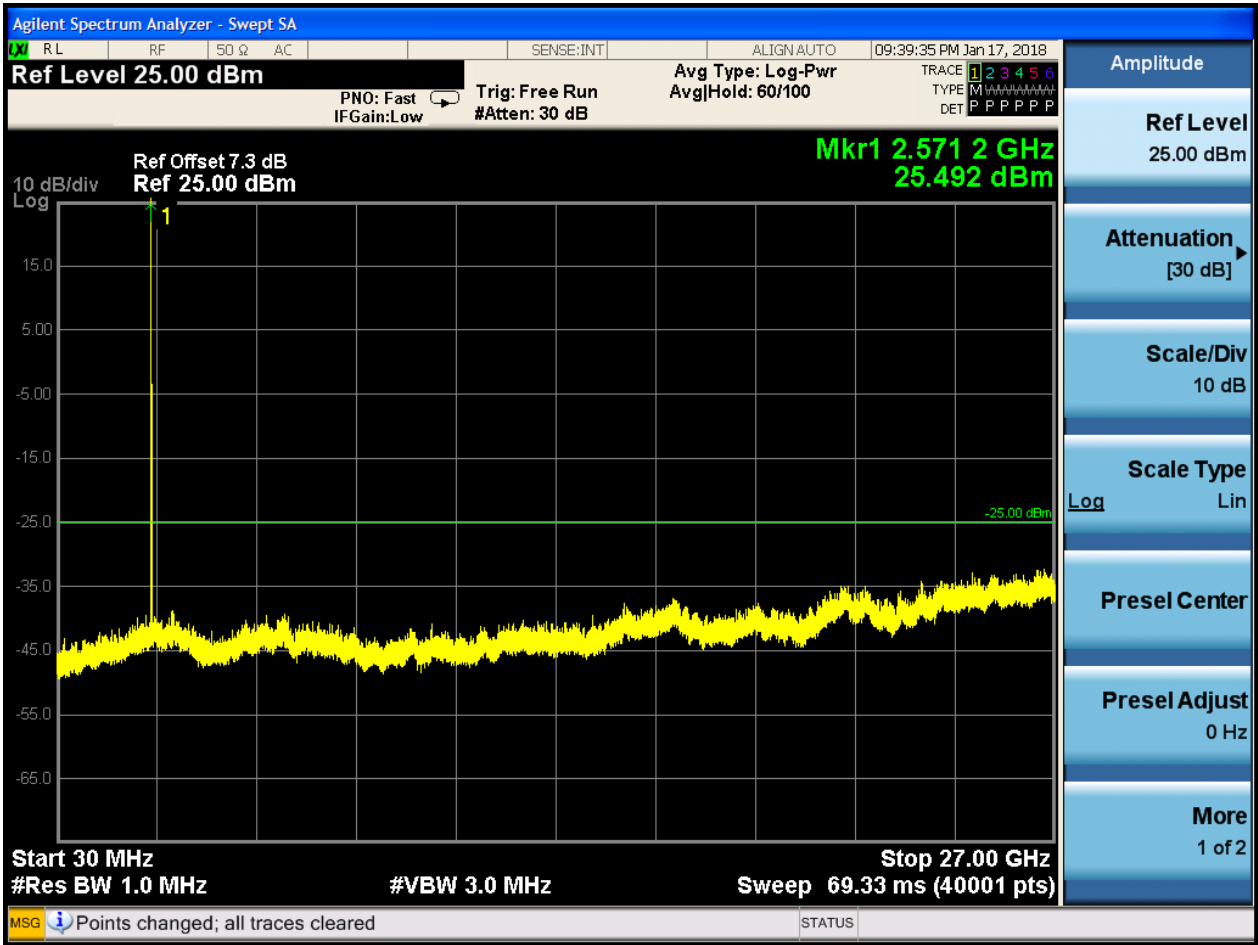
6.1.1.2.3 Test Bandwidth = 15

6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0



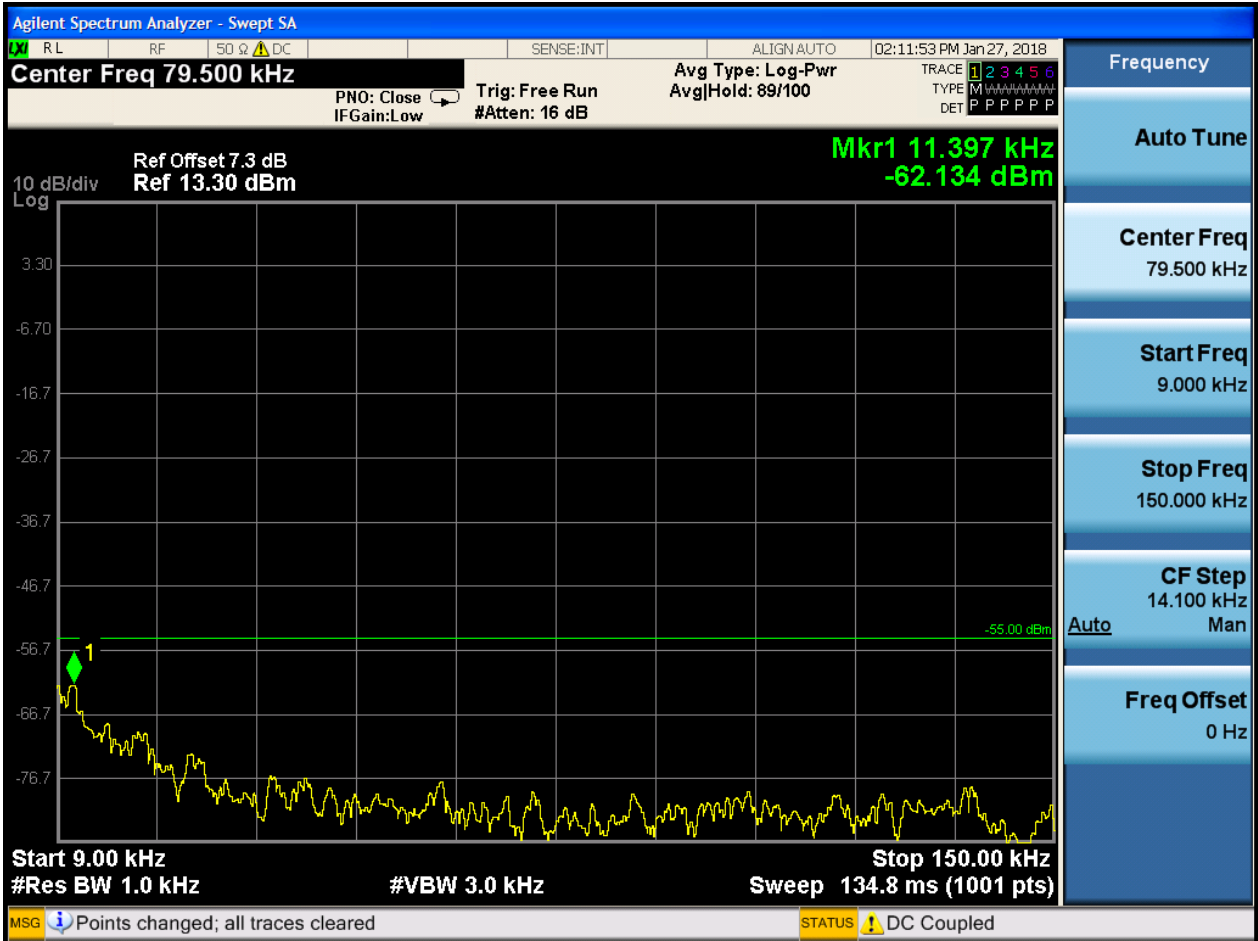






6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0



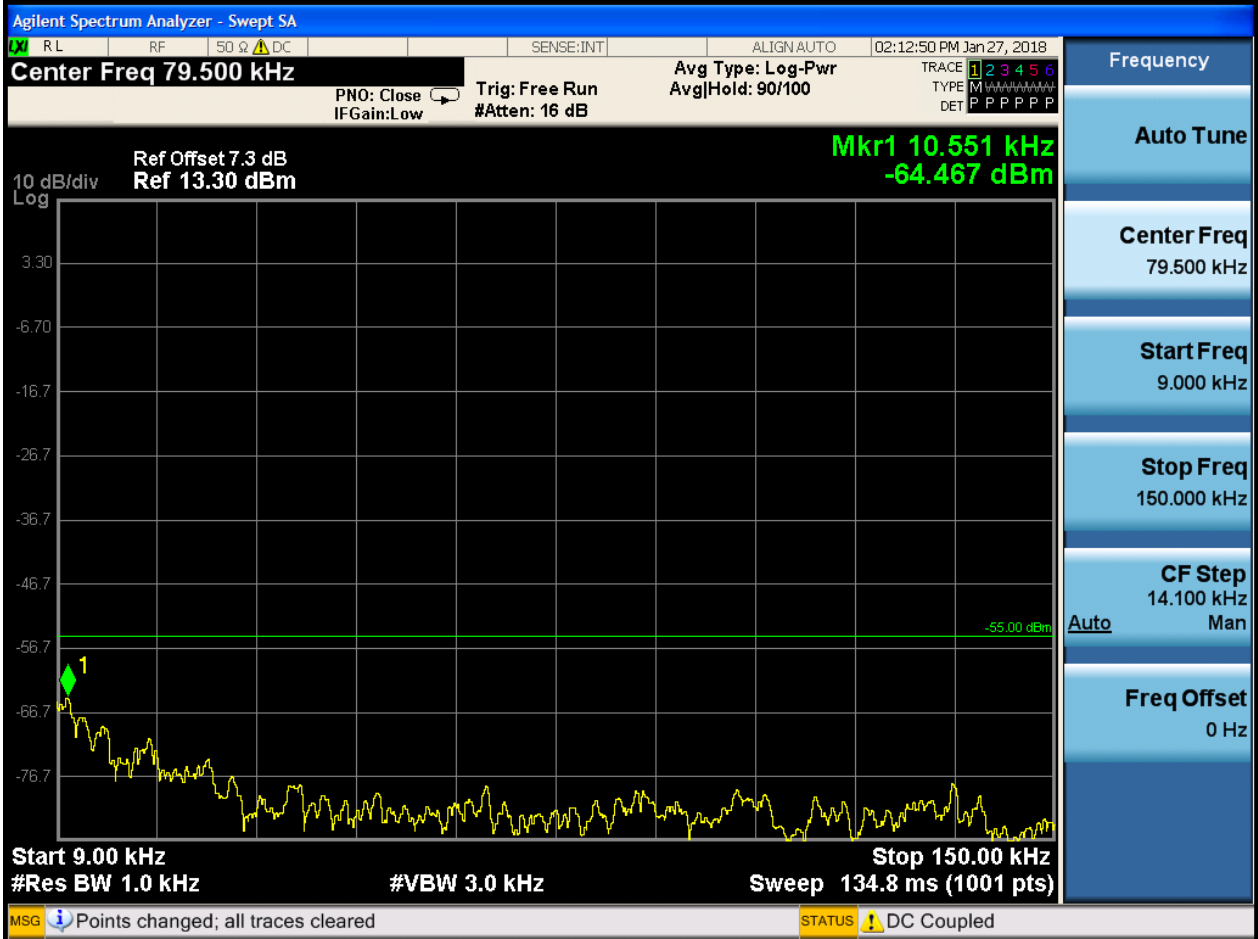






6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0







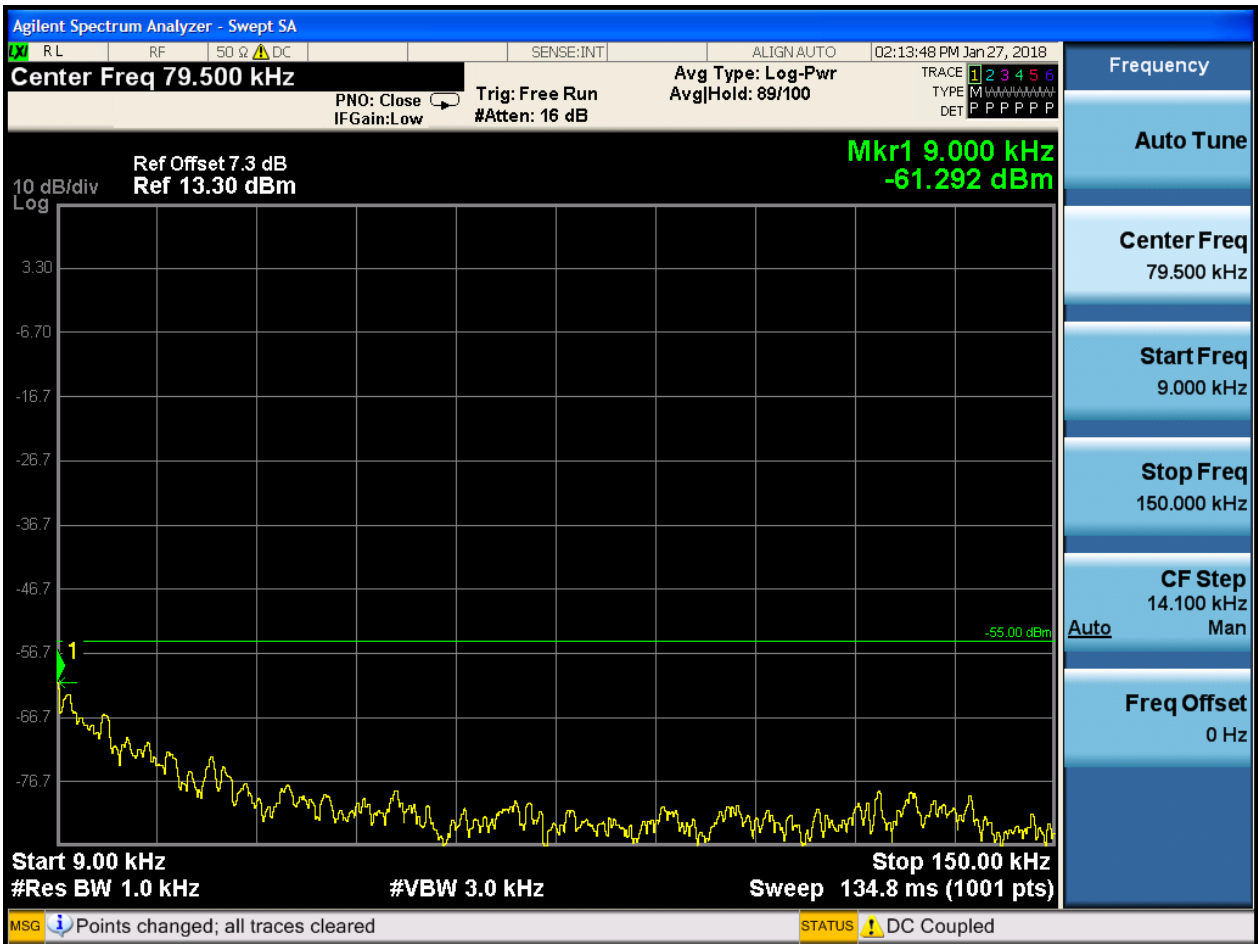


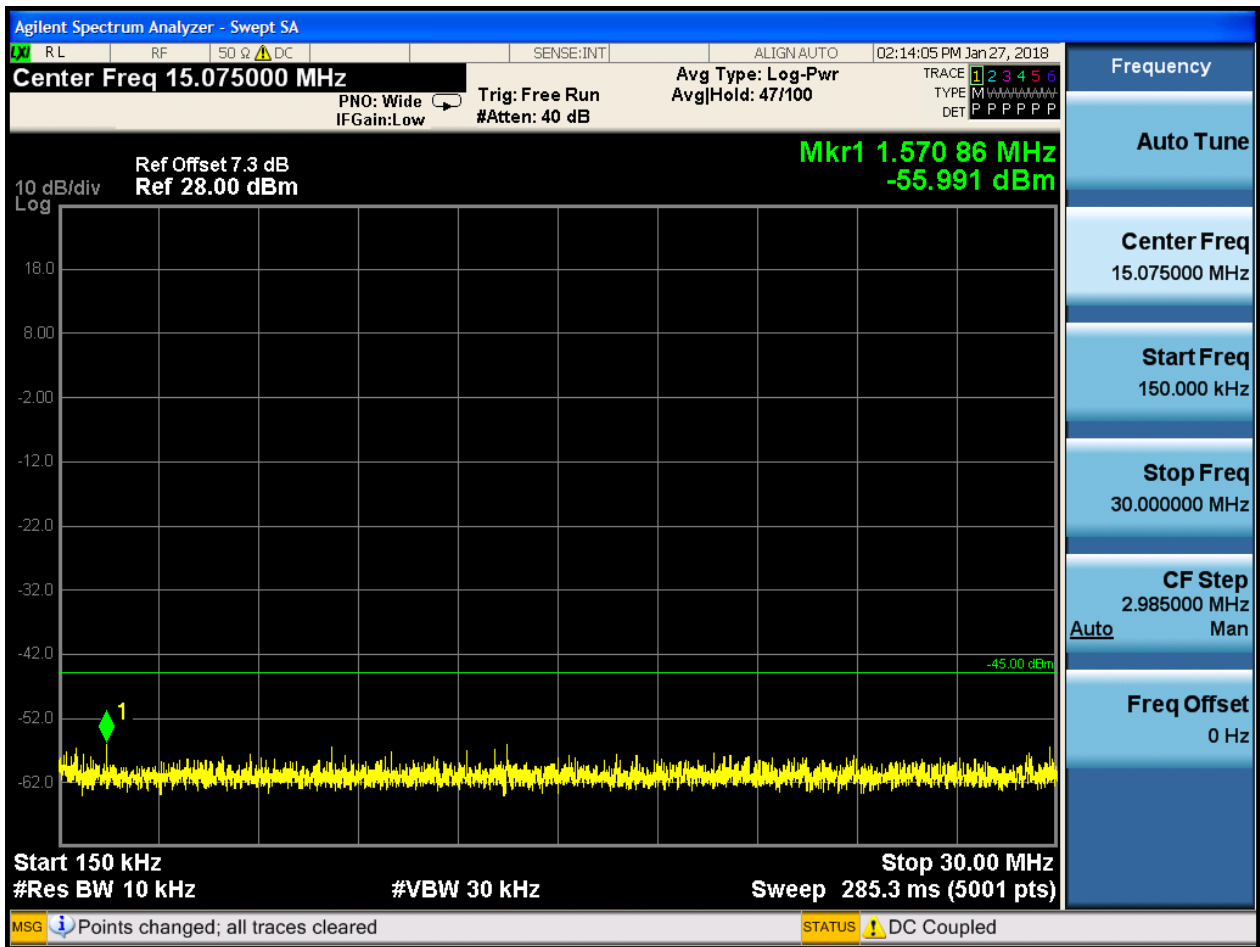


6.1.1.2.4 Test Bandwidth = 20

6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0



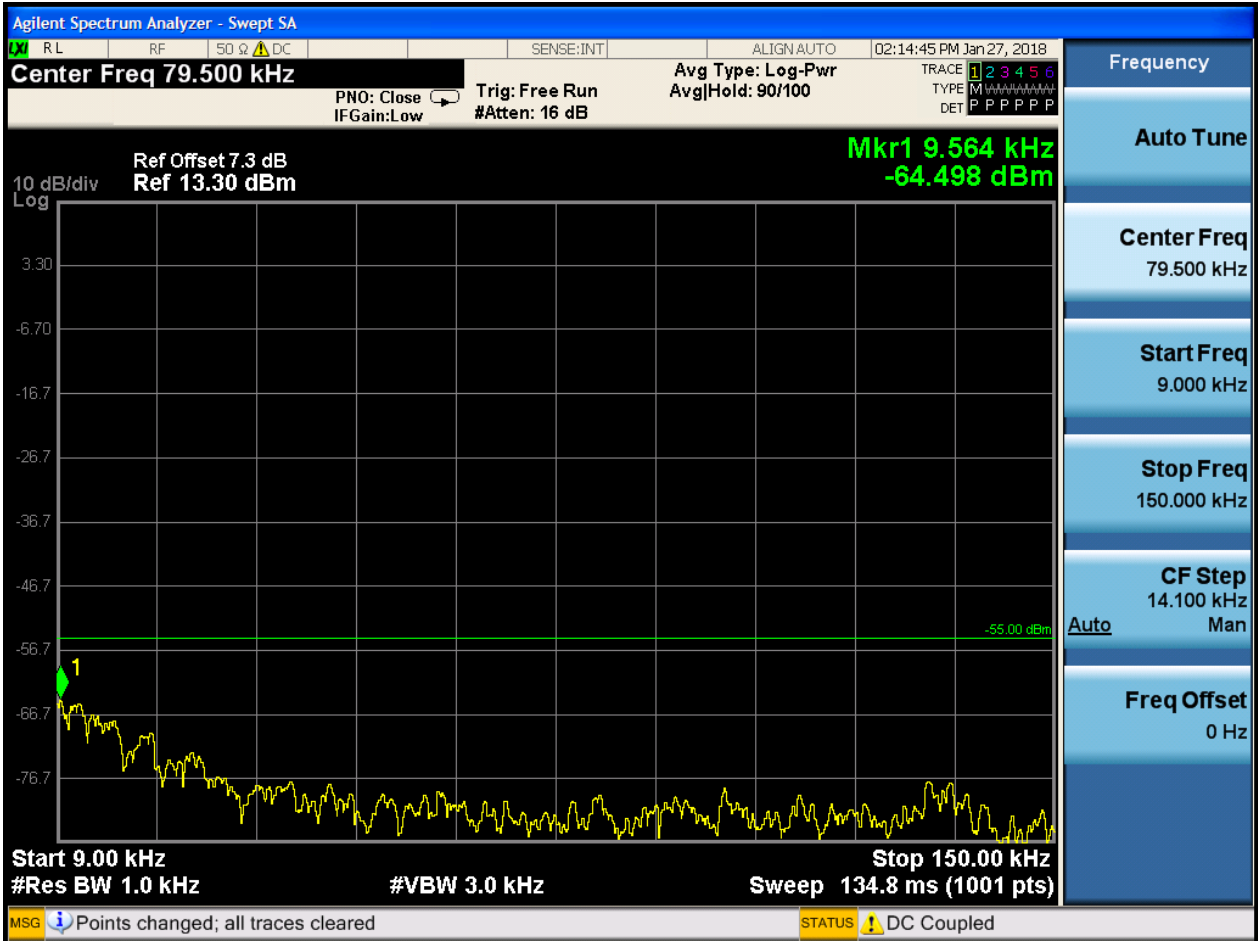




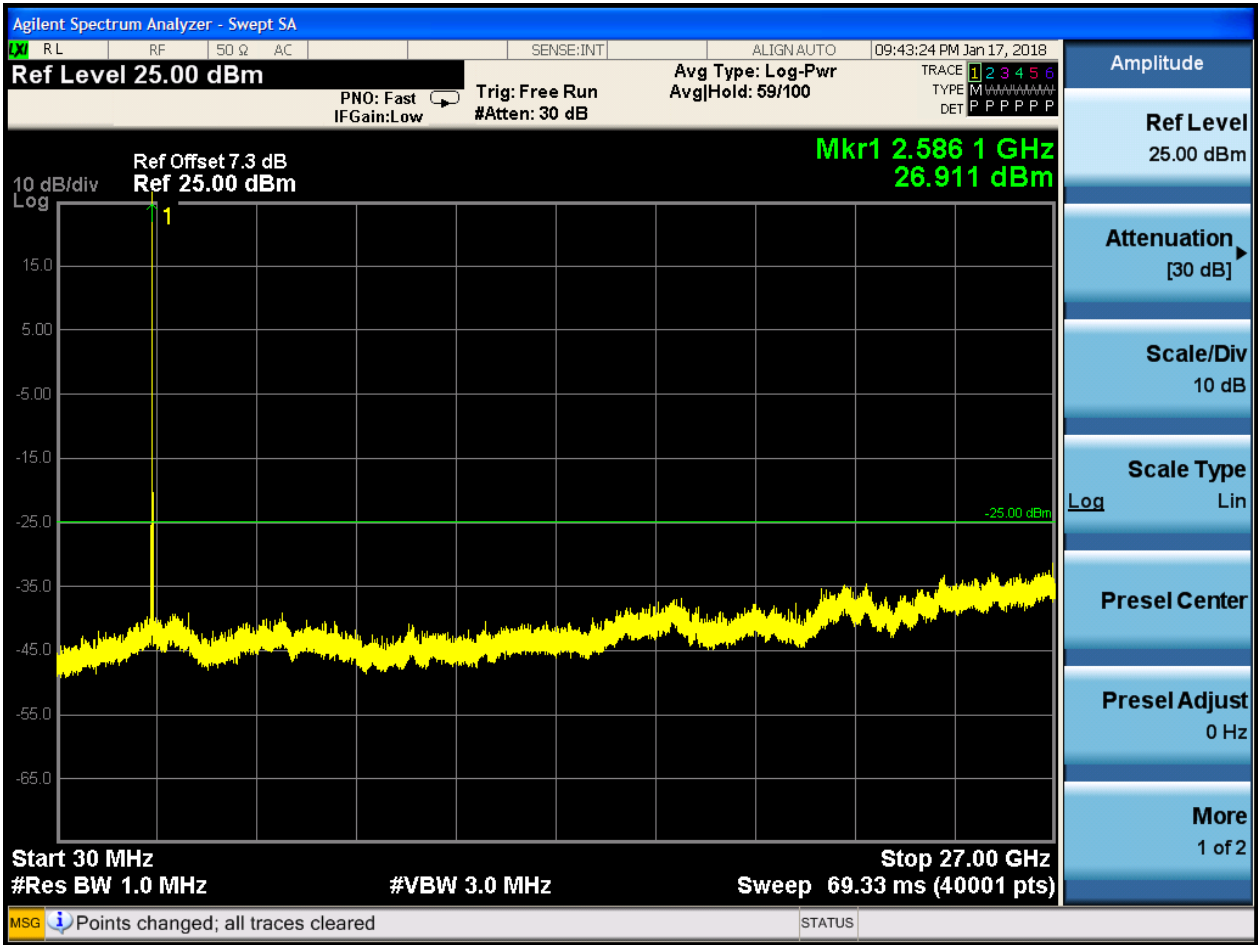


6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0





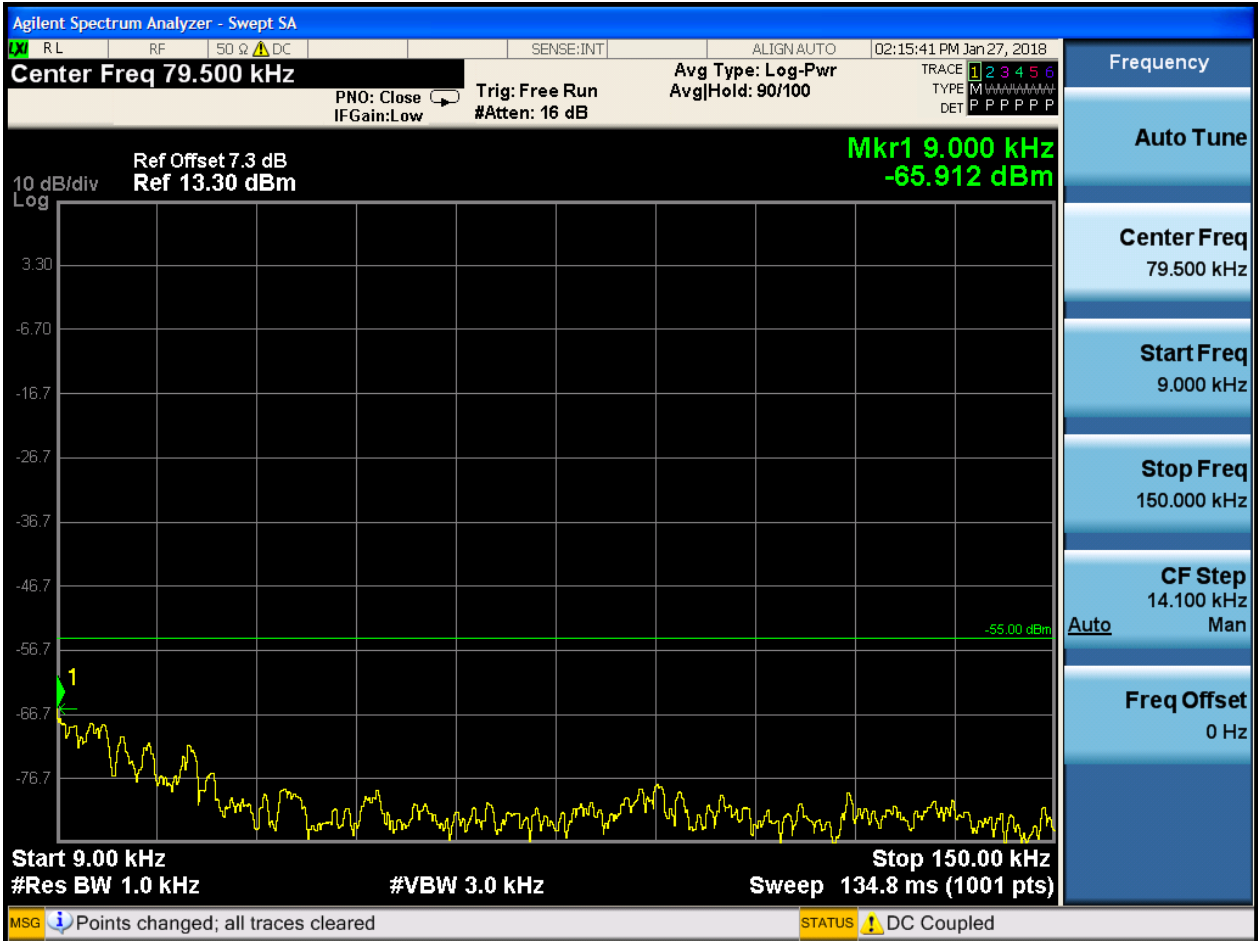






6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 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, 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

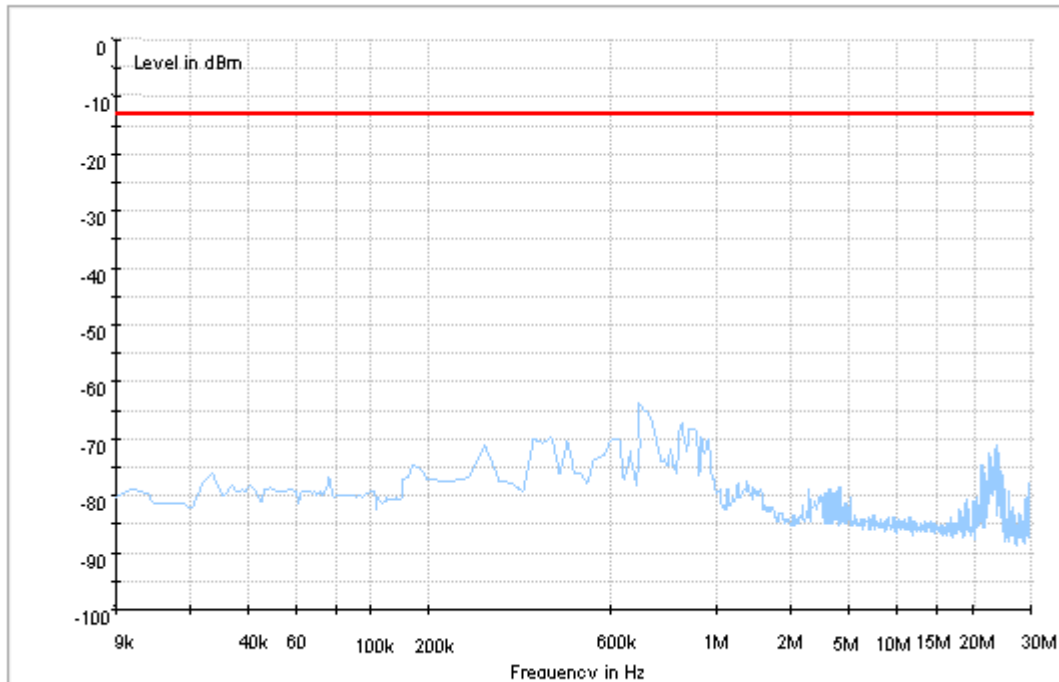
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

### Part I - Test Plots

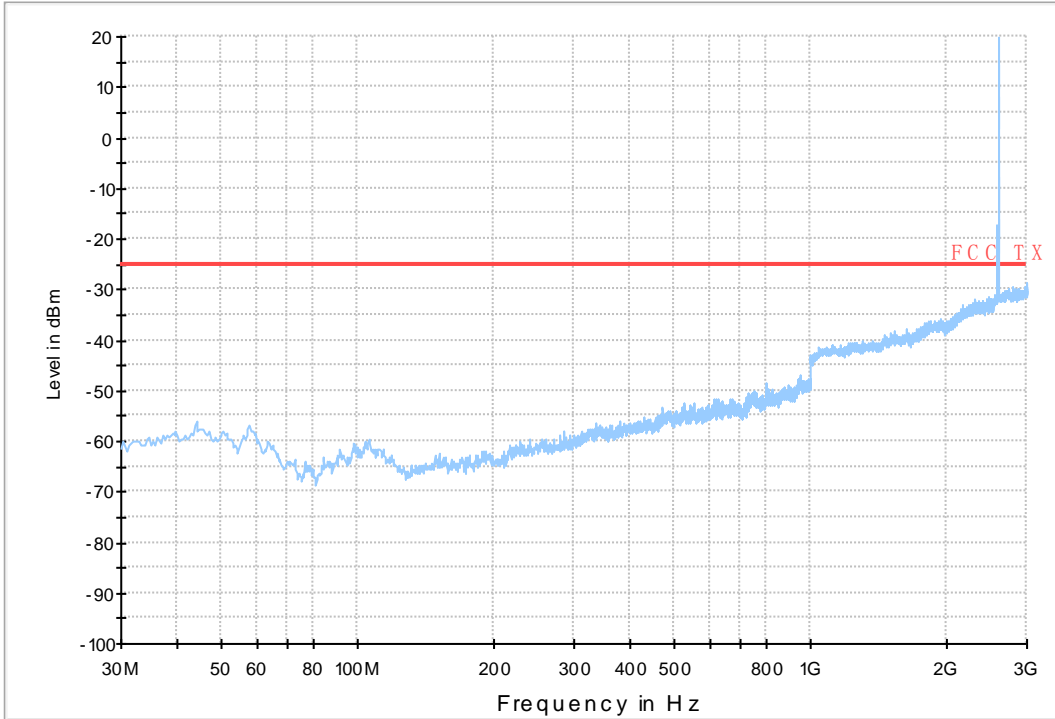
#### 7.1 For LTE

##### 7.1.1 Test Band = BAND38\_ANT1

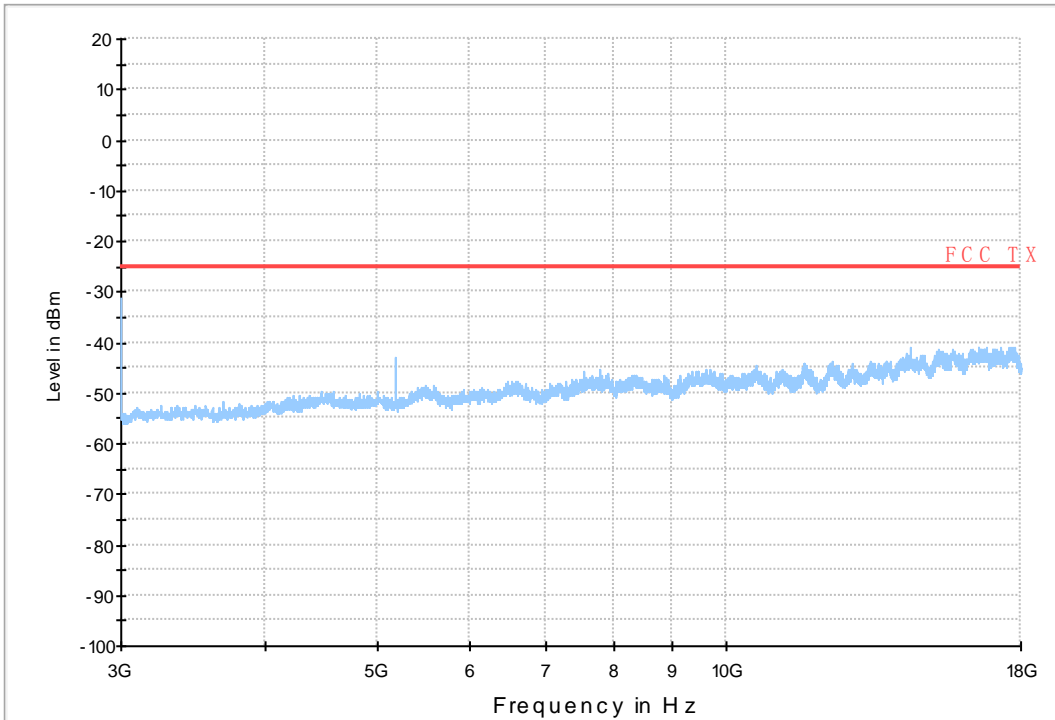
##### 7.1.1.1 Test Bandwidth = 5

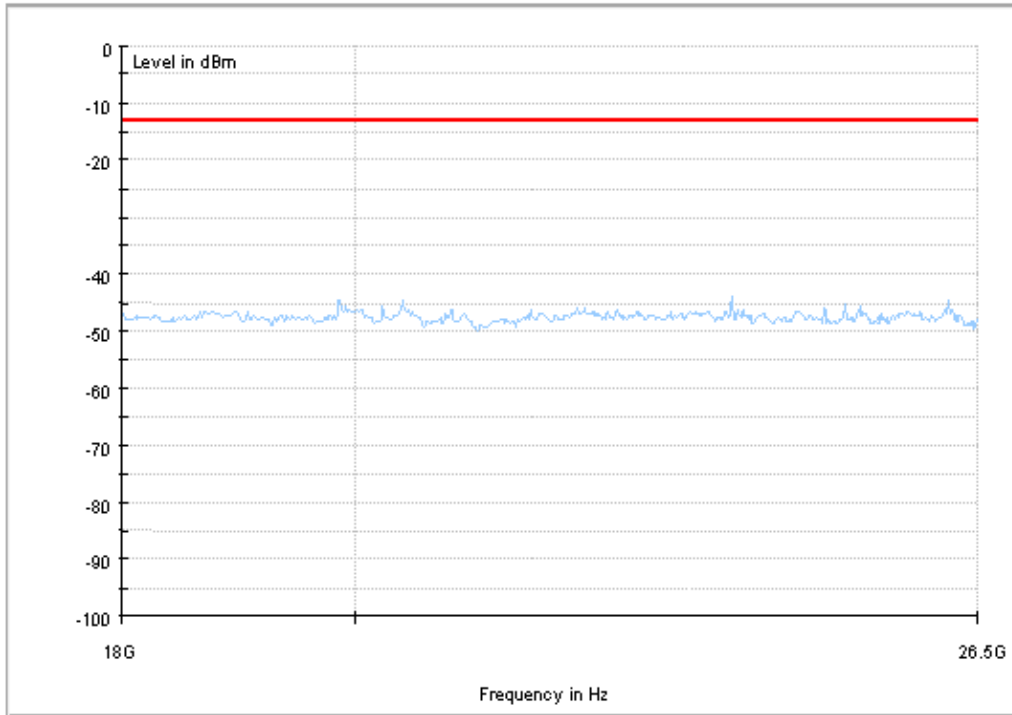


Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25\_L

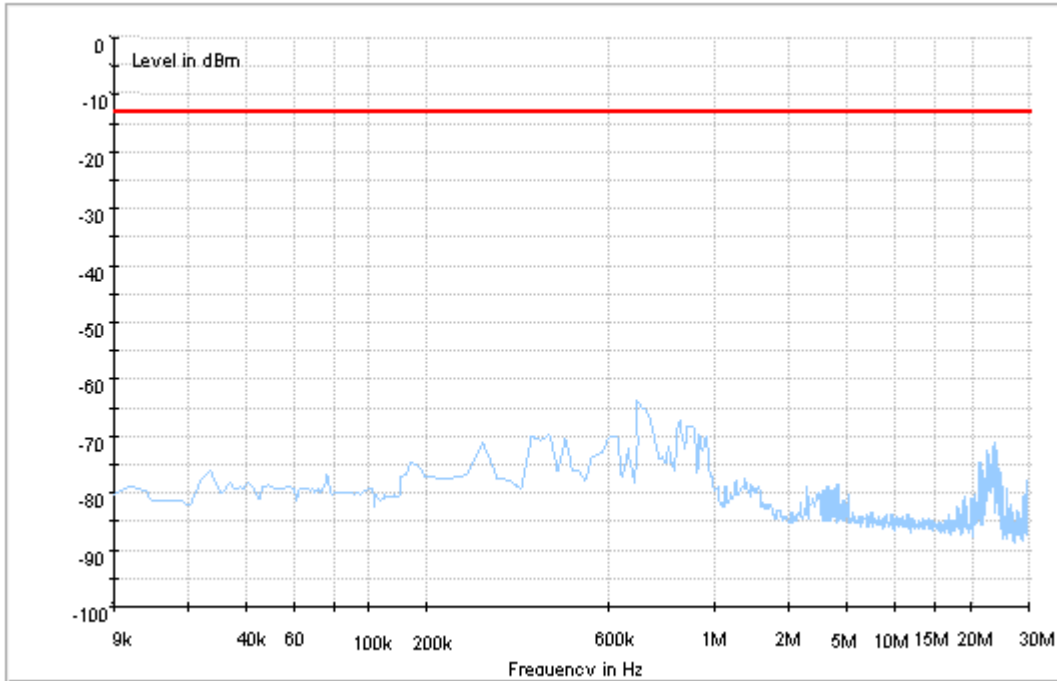


Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25\_H

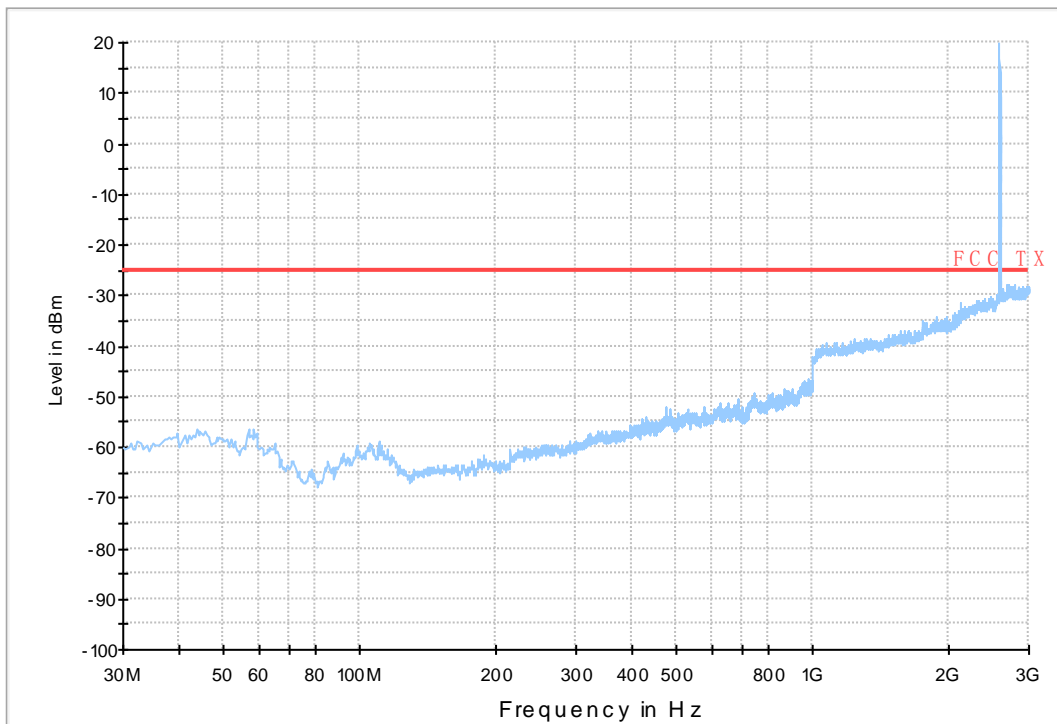




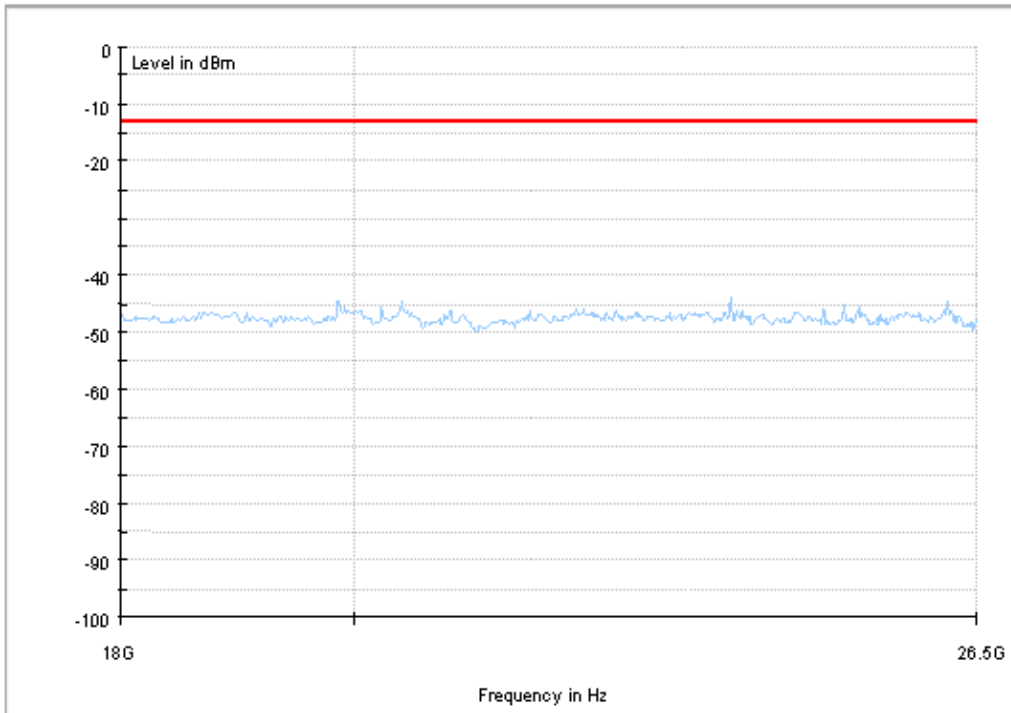
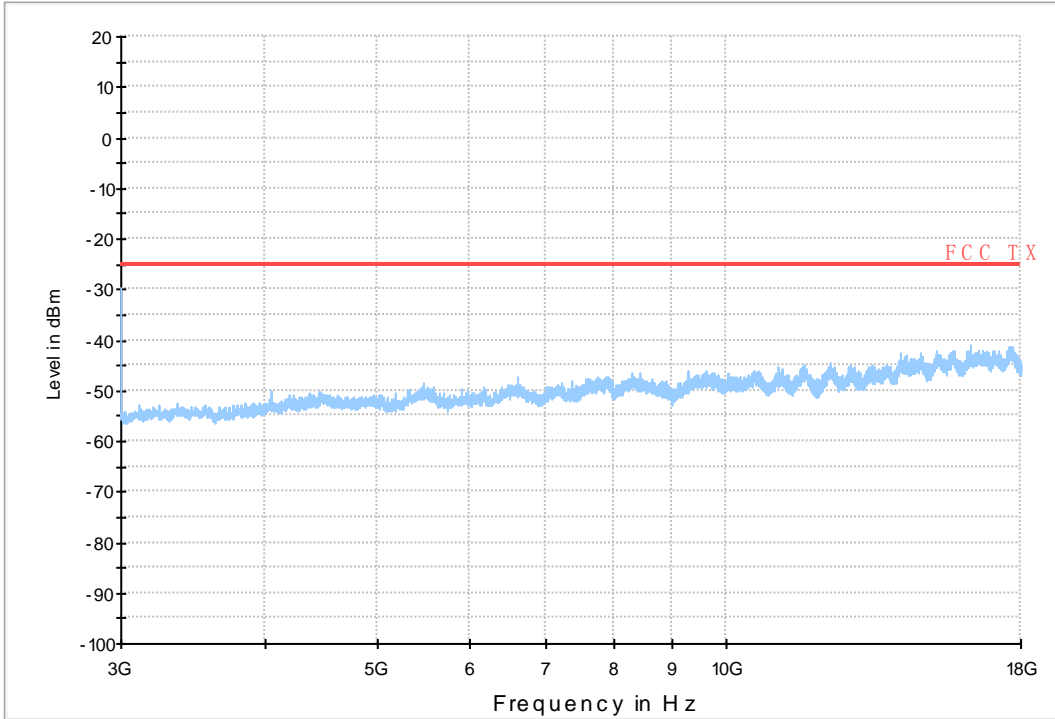
### 7.1.1.2 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25\_L



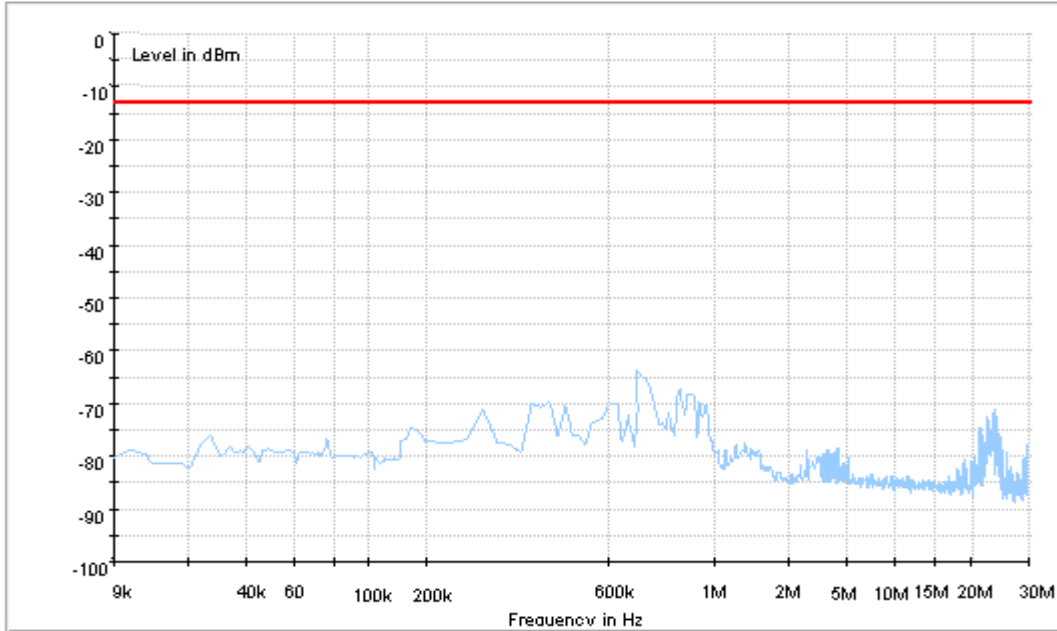
Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25\_H



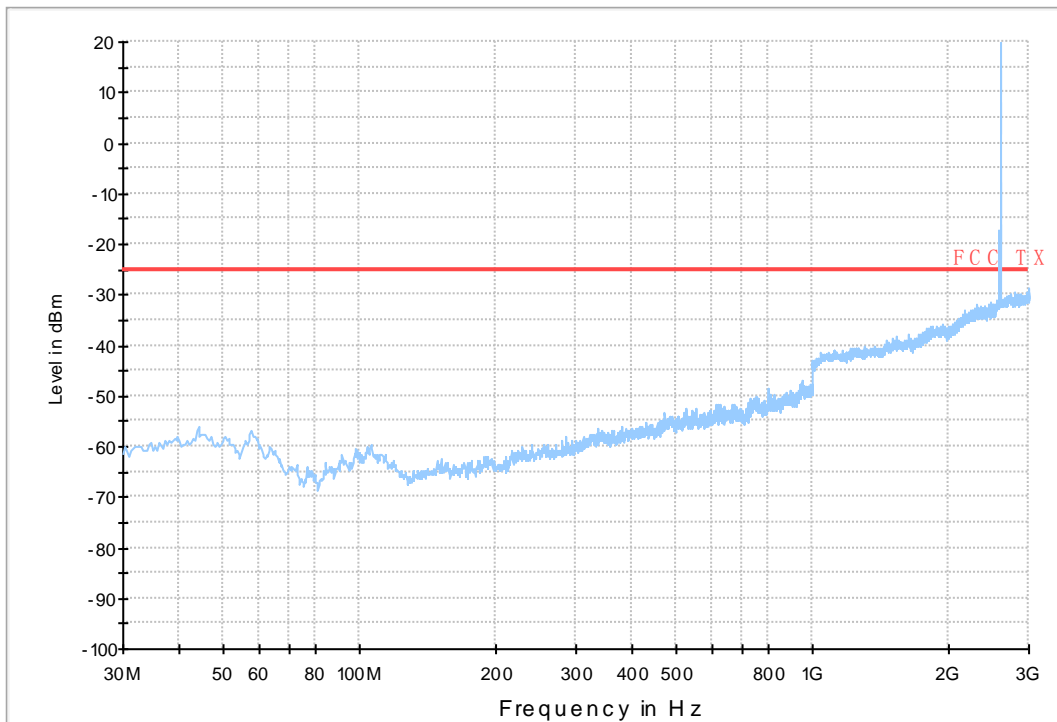


### 7.1.1 Test Band = BAND38\_ANT2

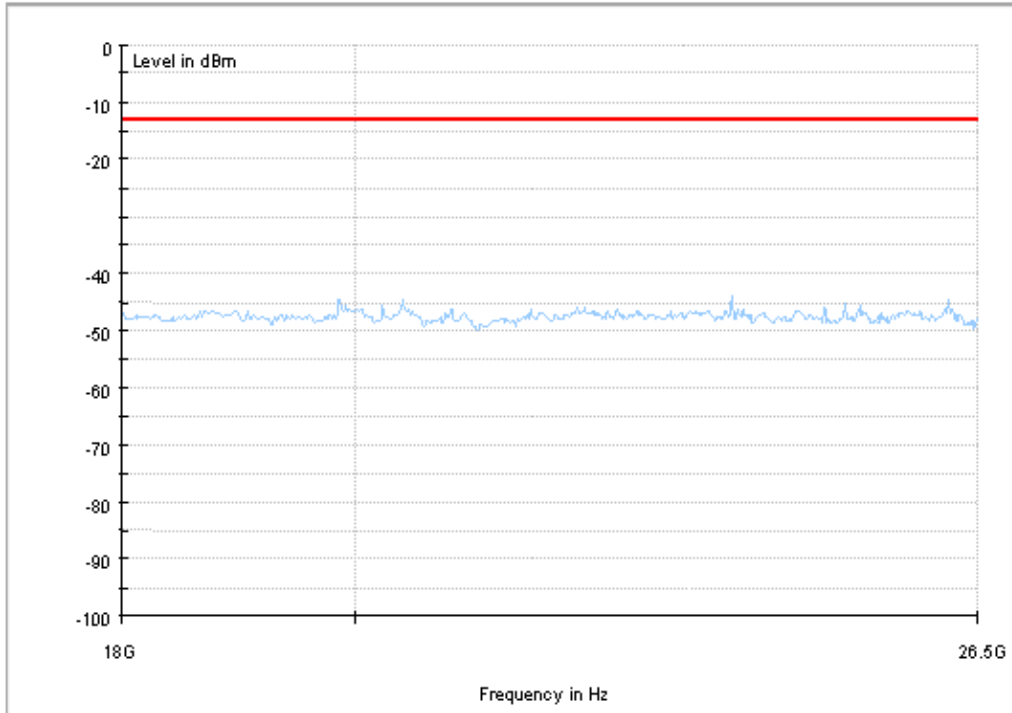
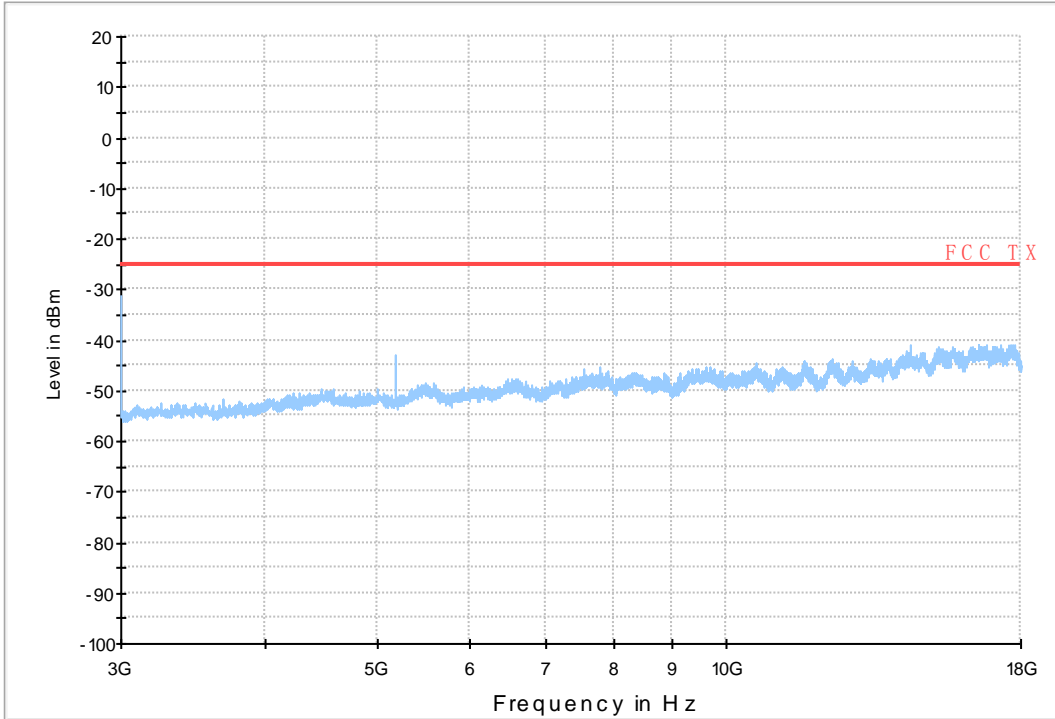
#### 7.1.1.1 Test Bandwidth = 5



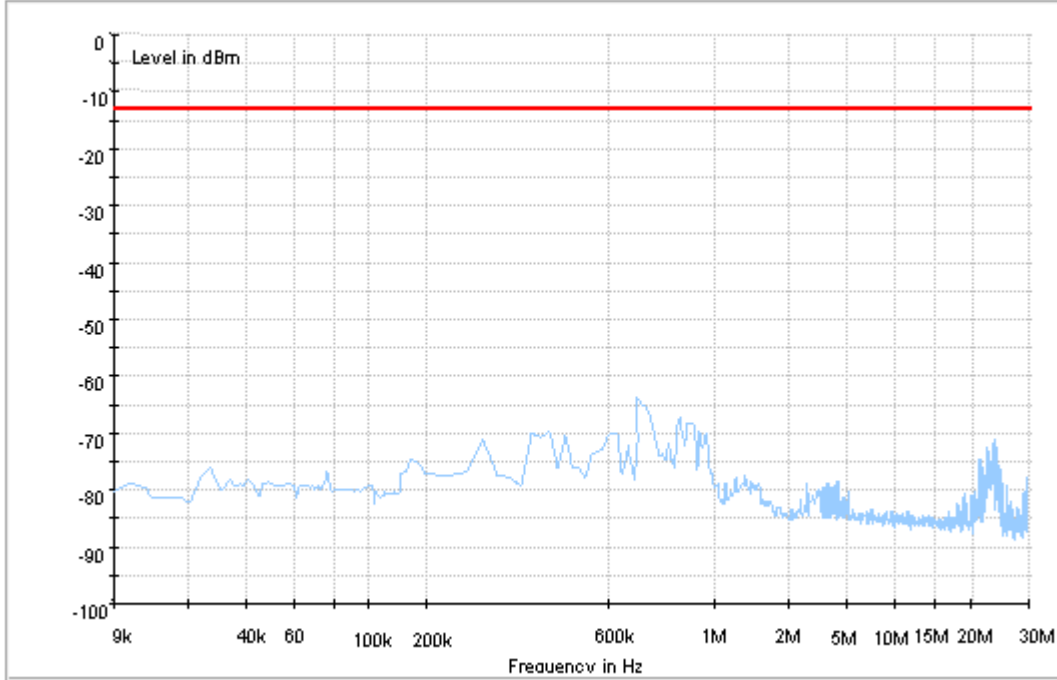
Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25\_L



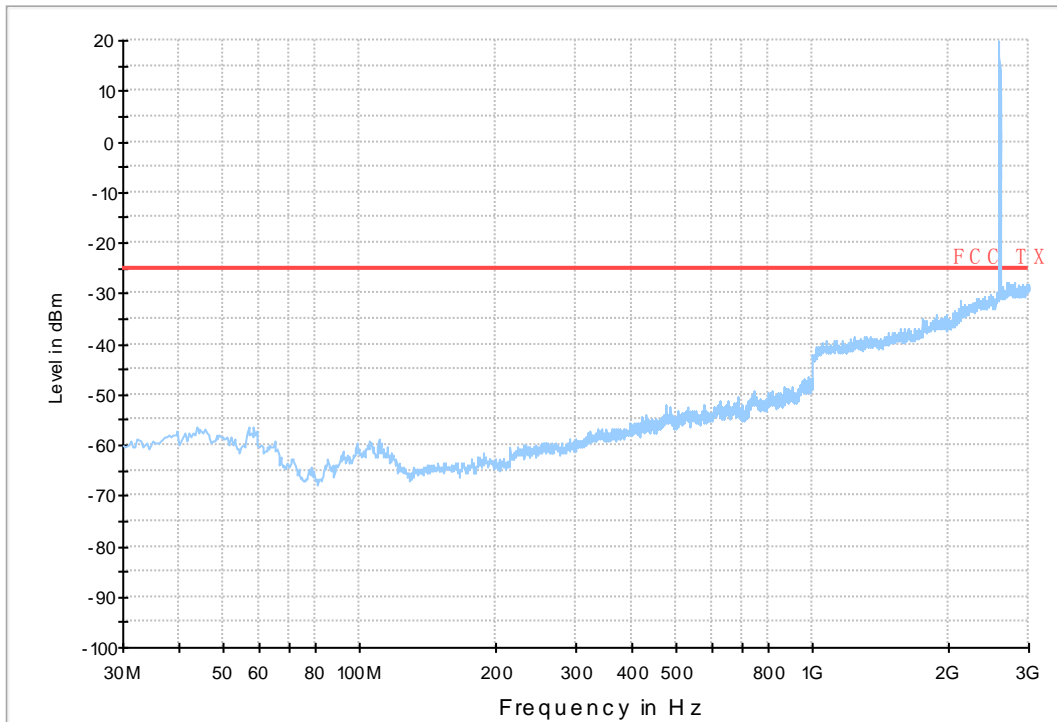
Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25\_H



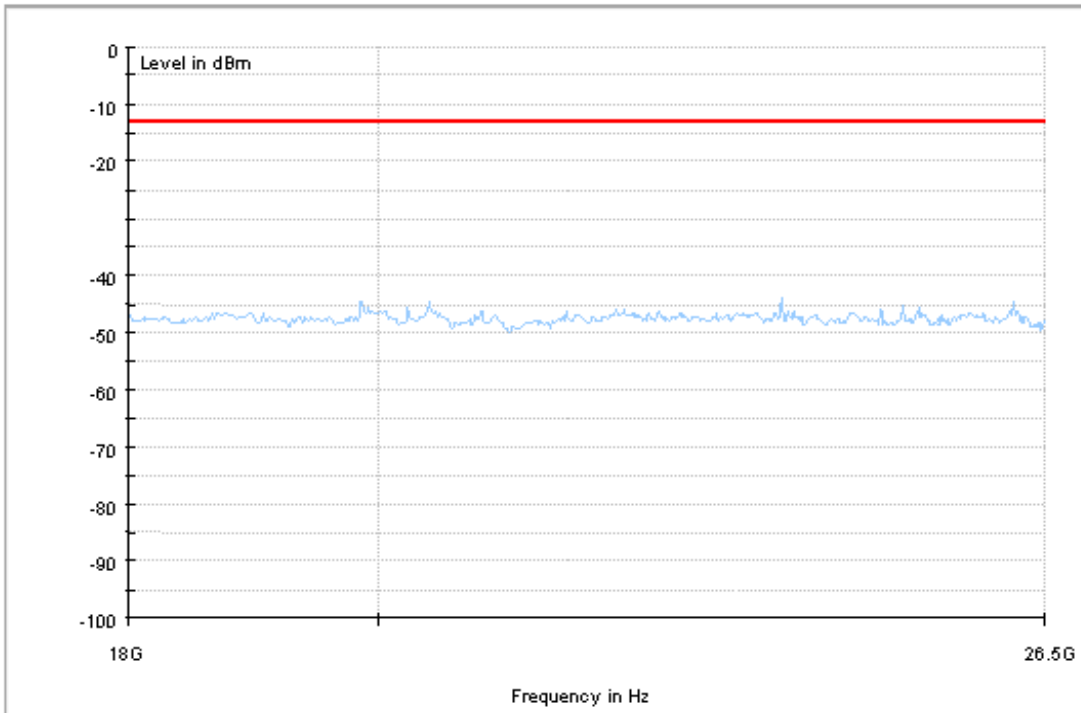
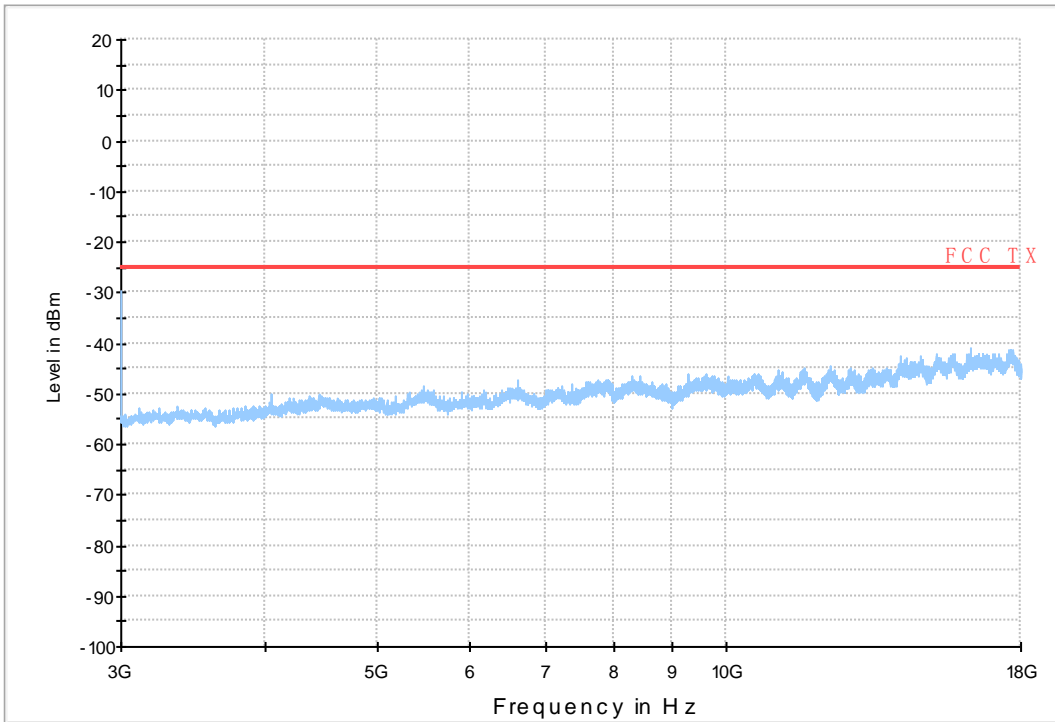
### 7.1.1.2 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25\_L



Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25\_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
BAND38	LTE/TM1	5	LCH	TN	VL	-27.58	-0.01072	PASS
					VN	-27.44	-0.01067	PASS
					VH	-17.57	-0.00683	PASS
			MCH	TN	VL	-16.84	-0.00649	PASS
					VN	-21.30	-0.00821	PASS
					VH	-17.48	-0.00674	PASS
			HCH	TN	VL	-72.43	-0.02767	PASS
					VN	-19.41	-0.00742	PASS
					VH	-22.20	-0.00848	PASS
		10	LCH	TN	VL	-18.18	-0.00706	PASS
					VN	-15.03	-0.00584	PASS
					VH	-15.29	-0.00594	PASS
			MCH	TN	VL	-18.14	-0.00699	PASS
					VN	-14.10	-0.00543	PASS
					VH	-12.50	-0.00482	PASS
			HCH	TN	VL	-17.84	-0.00682	PASS
					VN	-17.29	-0.00661	PASS
					VH	-16.18	-0.00619	PASS
		15	LCH	TN	VL	-15.05	-0.00584	PASS
					VN	-14.45	-0.00561	PASS
					VH	-18.75	-0.00727	PASS
			MCH	TN	VL	-16.47	-0.00635	PASS
					VN	-22.02	-0.00849	PASS
					VH	-18.11	-0.00698	PASS
			HCH	TN	VL	-12.57	-0.00481	PASS
					VN	-16.79	-0.00643	PASS
					VH	-15.82	-0.00606	PASS
		20	LCH	TN	VL	-11.42	-0.00443	PASS
					VN	-14.28	-0.00553	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	-17.68	-0.00685	PASS	
					VL	-17.78	-0.00685	PASS	
					VN	-16.62	-0.0064	PASS	
			HCH	TN	VH	-17.19	-0.00662	PASS	
					VL	-14.91	-0.00571	PASS	
					VN	-15.56	-0.00596	PASS	
		5	LCH	TN	VH	-16.29	-0.00624	PASS	
					VL	-11.29	-0.00439	PASS	
					VN	-11.66	-0.00453	PASS	
			MCH	TN	VH	-11.10	-0.00431	PASS	
					VL	-14.56	-0.00561	PASS	
					VN	-13.99	-0.00539	PASS	
		HCH	TN	VH	-17.08	-0.00658	PASS		
				VL	-16.55	-0.00632	PASS		
				VN	-13.78	-0.00526	PASS		
		LTE/TM2	10	LCH	TN	VH	-14.72	-0.00562	PASS
						VL	-11.27	-0.00438	PASS
						VN	-13.43	-0.00522	PASS
	MCH			TN	VH	-8.74	-0.00339	PASS	
					VL	-16.95	-0.00653	PASS	
					VN	-11.03	-0.00425	PASS	
	HCH		TN	VH	-15.21	-0.00586	PASS		
				VL	-12.50	-0.00478	PASS		
				VN	-17.94	-0.00686	PASS		
	15		LCH	TN	VH	-13.96	-0.00534	PASS	
					VL	-13.48	-0.00523	PASS	
					VN	-12.63	-0.0049	PASS	
			MCH	TN	VH	-18.30	-0.0071	PASS	
					VL	-15.31	-0.0059	PASS	
					VN	-11.56	-0.00445	PASS	
	HCH		TN	VH	-13.43	-0.00518	PASS		
				VL	-16.14	-0.00618	PASS		
				VN	-13.88	-0.00531	PASS		
	20	LCH	TN	VH	-13.90	-0.00532	PASS		
				VL	-15.49	-0.006	PASS		
				VN	-17.50	-0.00678	PASS		
		MCH	TN	VH	-14.22	-0.00551	PASS		
				VL	-13.69	-0.00528	PASS		
				VN	-12.45	-0.0048	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	-14.16	-0.00546	PASS
			HCH	TN	VL	-16.16	-0.00619	PASS
					VN	-15.31	-0.00587	PASS
					VH	-15.96	-0.00611	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
BAND38	LTE/TM1	5	LCH	VN	-30	-11.76	-0.00457	PASS
					-20	-18.11	-0.00704	PASS
					-10	-14.78	-0.00575	PASS
					0	-12.69	-0.00493	PASS
					10	-12.97	-0.00504	PASS
					20	-45.06	-0.01752	PASS
					30	-16.59	-0.00645	PASS
					40	-17.29	-0.00672	PASS
			50	-11.96	-0.00465	PASS		
			MCH	VN	-30	-18.18	-0.00701	PASS
					-20	-17.40	-0.00671	PASS
					-10	-17.01	-0.00655	PASS
					0	-16.94	-0.00653	PASS
					10	-19.93	-0.00768	PASS
					20	-16.45	-0.00634	PASS
					30	-14.75	-0.00568	PASS
					40	-25.61	-0.00987	PASS
			50	-25.96	-0.01	PASS		
			HCH	VN	-30	-22.40	-0.00856	PASS
					-20	-24.88	-0.00951	PASS
					-10	-28.45	-0.01087	PASS
					0	-22.73	-0.00868	PASS
					10	-17.87	-0.00683	PASS
					20	-16.84	-0.00643	PASS
		30			-19.17	-0.00732	PASS	
		40			-20.57	-0.00786	PASS	
		50	-12.87	-0.00492	PASS			
		10	LCH	VN	-30	-5.78	-0.00224	PASS
					-20	-13.16	-0.00511	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-10	-13.89	-0.00539	PASS	
					0	-8.75	-0.0034	PASS	
					10	-16.98	-0.00659	PASS	
					20	-13.79	-0.00536	PASS	
					30	-12.27	-0.00477	PASS	
					40	-12.97	-0.00504	PASS	
					50	-12.73	-0.00494	PASS	
			MCH	VN	-30	-17.42	-0.00671	PASS	
					-20	-13.66	-0.00526	PASS	
					-10	-20.11	-0.00775	PASS	
					0	-15.16	-0.00584	PASS	
					10	-16.21	-0.00625	PASS	
					20	-13.92	-0.00536	PASS	
					30	-15.12	-0.00583	PASS	
					40	-16.04	-0.00618	PASS	
			HCH	VN	-30	-15.52	-0.00593	PASS	
					-20	-14.33	-0.00548	PASS	
					-10	-12.02	-0.0046	PASS	
					0	-14.29	-0.00546	PASS	
					10	-15.95	-0.0061	PASS	
					20	-14.26	-0.00545	PASS	
					30	-11.14	-0.00426	PASS	
					40	-14.28	-0.00546	PASS	
			15	LCH	VN	-30	-12.75	-0.00495	PASS
						-20	-12.50	-0.00485	PASS
						-10	-15.59	-0.00605	PASS
						0	-12.53	-0.00486	PASS
						10	-17.18	-0.00667	PASS
						20	-15.26	-0.00592	PASS
						30	-14.32	-0.00556	PASS
						40	-12.89	-0.005	PASS
						50	-13.06	-0.00507	PASS
						MCH	VN	-30	-13.56
			-20	-15.05	-0.0058			PASS	
			-10	-12.83	-0.00494			PASS	
			0	-13.12	-0.00506			PASS	
			10	-10.61	-0.00409			PASS	





Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	-15.28	-0.00589	PASS
					30	-15.75	-0.00607	PASS
					40	-17.48	-0.00674	PASS
					50	-15.42	-0.00594	PASS
			HCH	VN	-30	-16.04	-0.00614	PASS
					-20	-14.83	-0.00568	PASS
					-10	-13.09	-0.00501	PASS
					0	-14.43	-0.00552	PASS
					10	-12.95	-0.00496	PASS
					20	-18.24	-0.00698	PASS
					30	-13.93	-0.00533	PASS
					40	-13.36	-0.00511	PASS
					-50	-15.41	-0.0059	PASS
					-30	-13.69	-0.00531	PASS
					-20	-13.15	-0.0051	PASS
					-10	-17.82	-0.00691	PASS
		0			-14.39	-0.00558	PASS	
		10			-14.86	-0.00576	PASS	
		20			-17.37	-0.00673	PASS	
		30			-17.35	-0.00672	PASS	
		LCH	VN	40	-13.99	-0.00542	PASS	
				50	-18.07	-0.007	PASS	
				-30	-15.06	-0.0058	PASS	
				-20	-12.27	-0.00473	PASS	
				-10	-15.31	-0.0059	PASS	
				0	-15.52	-0.00598	PASS	
				10	-15.91	-0.00613	PASS	
				20	-15.48	-0.00597	PASS	
		MCH	VN	30	-14.93	-0.00575	PASS	
				40	-15.28	-0.00589	PASS	
				50	-13.92	-0.00536	PASS	
				-30	-13.49	-0.00517	PASS	
-20	-16.05			-0.00615	PASS			
-10	-15.38			-0.00589	PASS			
0	-17.04			-0.00653	PASS			
10	-15.42			-0.00591	PASS			
HCH	VN	20	-15.16	-0.00581	PASS			
		30	-14.62	-0.0056	PASS			
		40	-16.85	-0.00646	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	5	LCH	VN	50	-16.79	-0.00643	PASS
					-30	-15.46	-0.00601	PASS
					-20	-7.02	-0.00273	PASS
					-10	-13.05	-0.00507	PASS
					0	-10.23	-0.00398	PASS
					10	-12.25	-0.00476	PASS
					20	-8.78	-0.00341	PASS
					30	-11.43	-0.00444	PASS
					40	-9.28	-0.00361	PASS
			50	-13.60	-0.00529	PASS		
			MCH	VN	-30	-11.56	-0.00445	PASS
					-20	-12.35	-0.00476	PASS
					-10	-15.59	-0.00601	PASS
					0	-14.12	-0.00544	PASS
					10	-12.93	-0.00498	PASS
					20	-15.08	-0.00581	PASS
					30	-15.23	-0.00587	PASS
					40	-15.21	-0.00586	PASS
					50	-19.25	-0.00742	PASS
			HCH	VN	-30	-16.34	-0.00624	PASS
					-20	-21.47	-0.0082	PASS
					-10	-16.31	-0.00623	PASS
					0	-56.92	-0.02175	PASS
					10	-19.01	-0.00726	PASS
		20			-16.61	-0.00635	PASS	
		30			-13.65	-0.00521	PASS	
		40			-15.99	-0.00611	PASS	
		50			-16.44	-0.00628	PASS	
		10	LCH	VN	-30	-10.37	-0.00403	PASS
					-20	-8.23	-0.0032	PASS
					-10	-14.96	-0.00581	PASS
					0	-14.43	-0.0056	PASS
					10	-7.67	-0.00298	PASS
					20	-7.01	-0.00272	PASS
					30	-4.92	-0.00191	PASS
					40	-10.51	-0.00408	PASS
50	-8.85				-0.00344	PASS		
MCH	VN		-30	-14.28	-0.0055	PASS		
			-20	-15.92	-0.00613	PASS		





Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					20	-12.49	-0.00478	PASS		
					30	-15.28	-0.00585	PASS		
					40	-14.09	-0.00539	PASS		
					50	-13.79	-0.00528	PASS		
		20	LCH	VN	-30	-15.25	-0.00591	PASS		
					-20	-13.25	-0.00514	PASS		
					-10	-15.49	-0.006	PASS		
					0	-12.65	-0.0049	PASS		
					10	-13.10	-0.00508	PASS		
					20	-12.26	-0.00475	PASS		
					30	-12.46	-0.00483	PASS		
					40	-14.05	-0.00545	PASS		
					50	-10.89	-0.00422	PASS		
					MCH	VN	-30	-14.55	-0.00561	PASS
							-20	-11.42	-0.0044	PASS
							-10	-13.19	-0.00508	PASS
		0	-14.72	-0.00567			PASS			
		10	-14.52	-0.0056			PASS			
		20	-12.83	-0.00494			PASS			
		30	-16.24	-0.00626			PASS			
		40	-14.42	-0.00556			PASS			
		HCH	VN	50	-14.81	-0.00571	PASS			
				-30	-15.82	-0.00606	PASS			
				-20	-15.08	-0.00578	PASS			
				-10	-13.99	-0.00536	PASS			
				0	-14.86	-0.00569	PASS			
				10	-12.37	-0.00474	PASS			
				20	-16.04	-0.00615	PASS			
				30	-13.69	-0.00525	PASS			
		40	-15.75	-0.00603	PASS					
		50	-14.62	-0.0056	PASS					

END