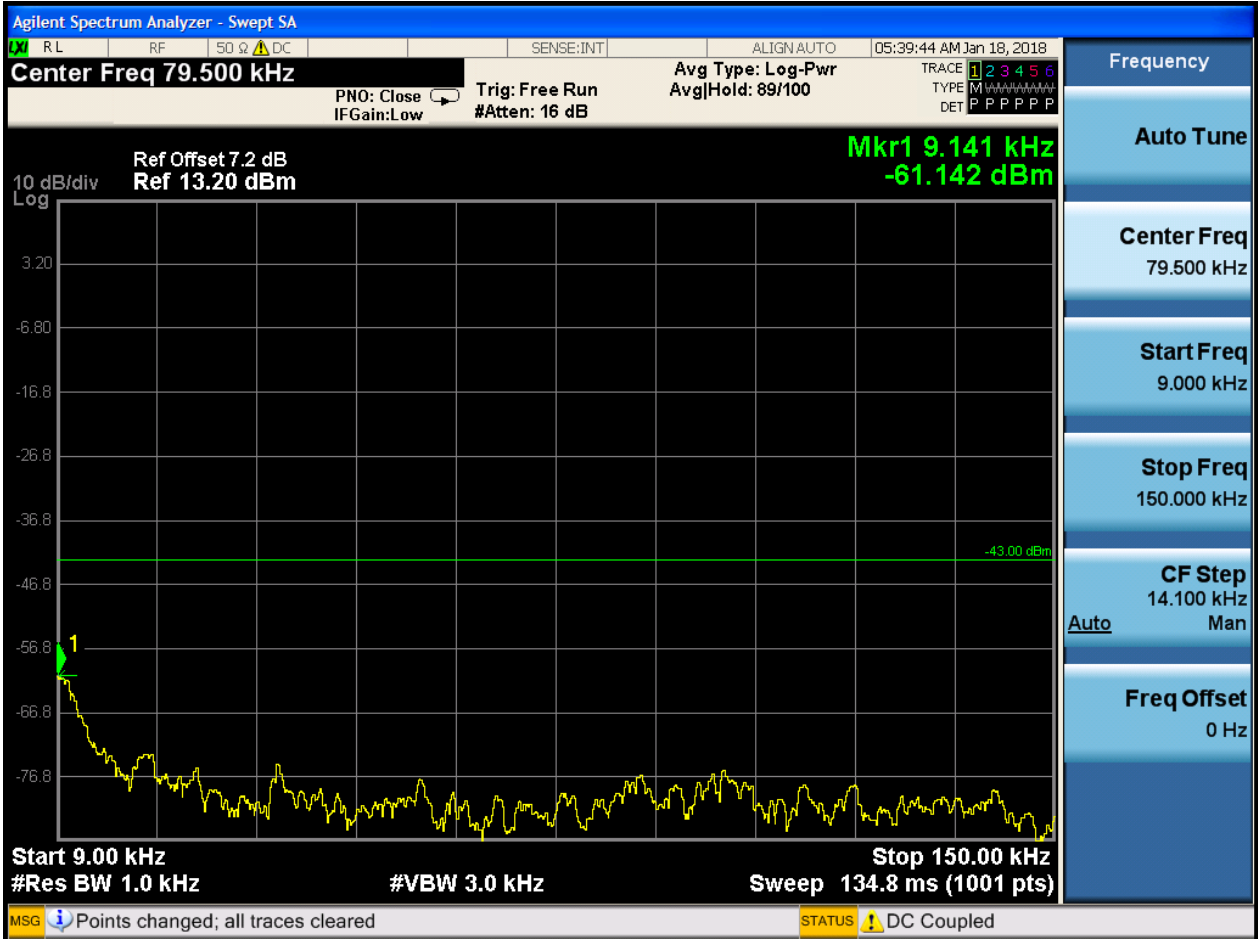
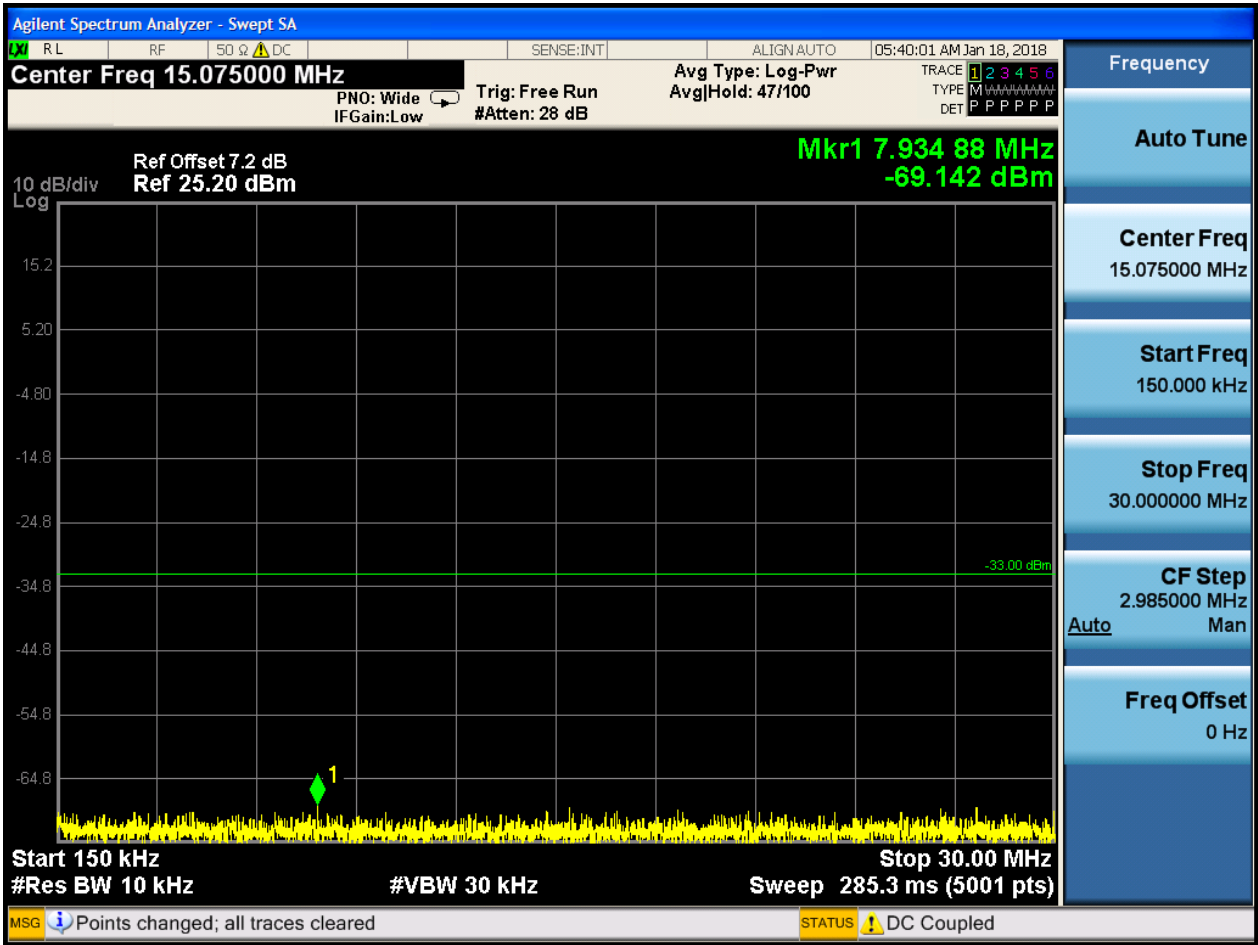
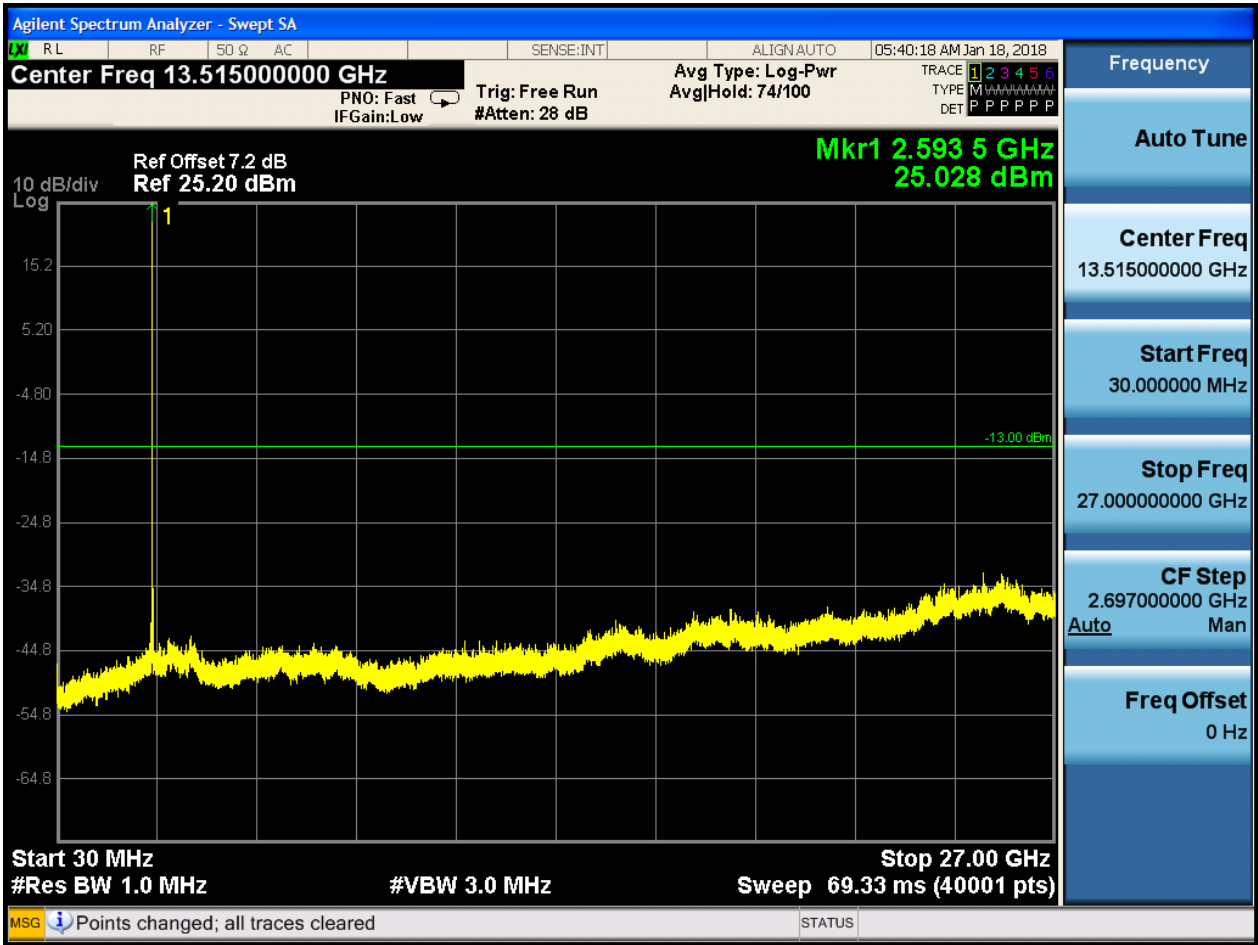


6.1.1.1.3.2 Test Channel = MCH

6.1.1.1.3.2.1 Test RB = RB1#0

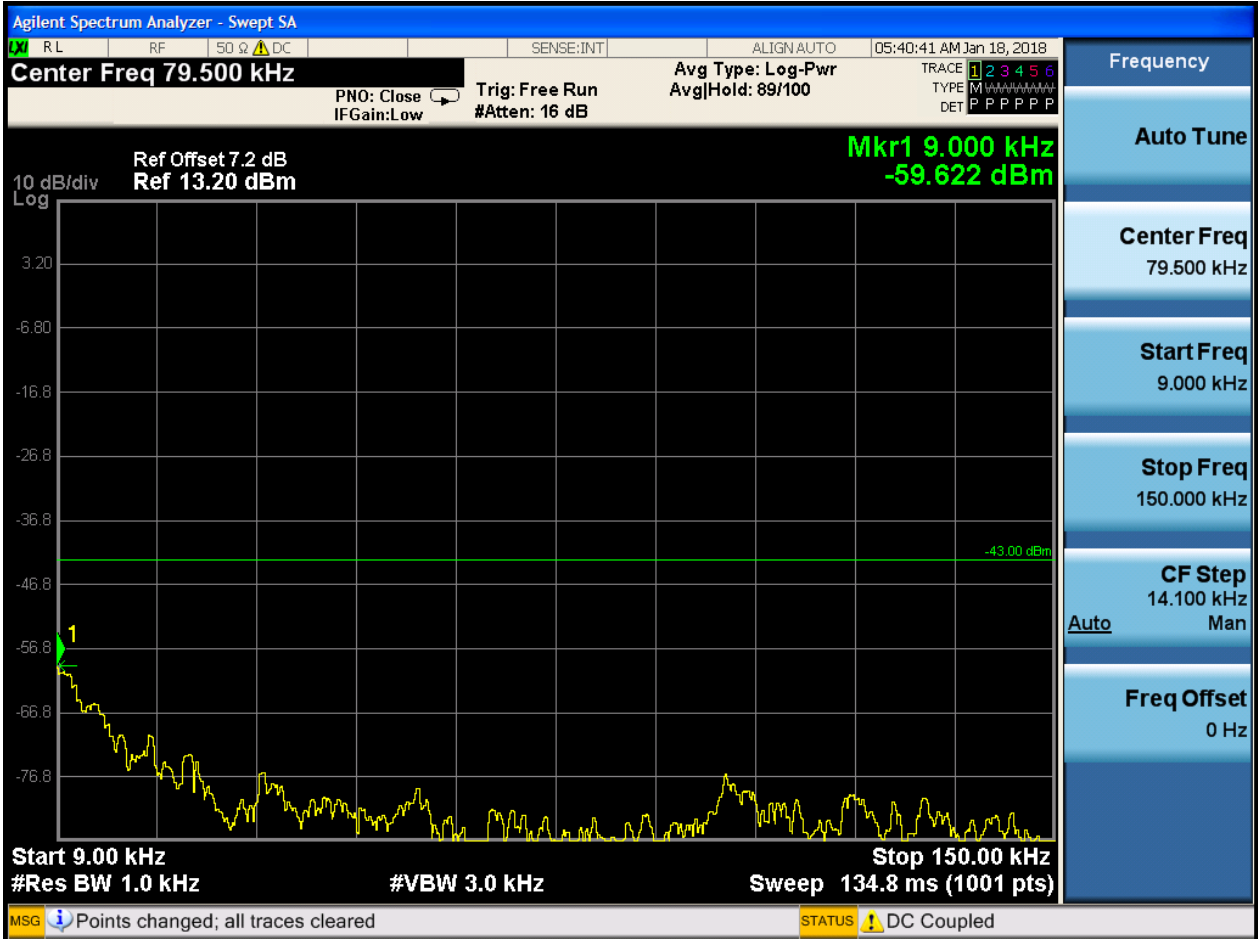


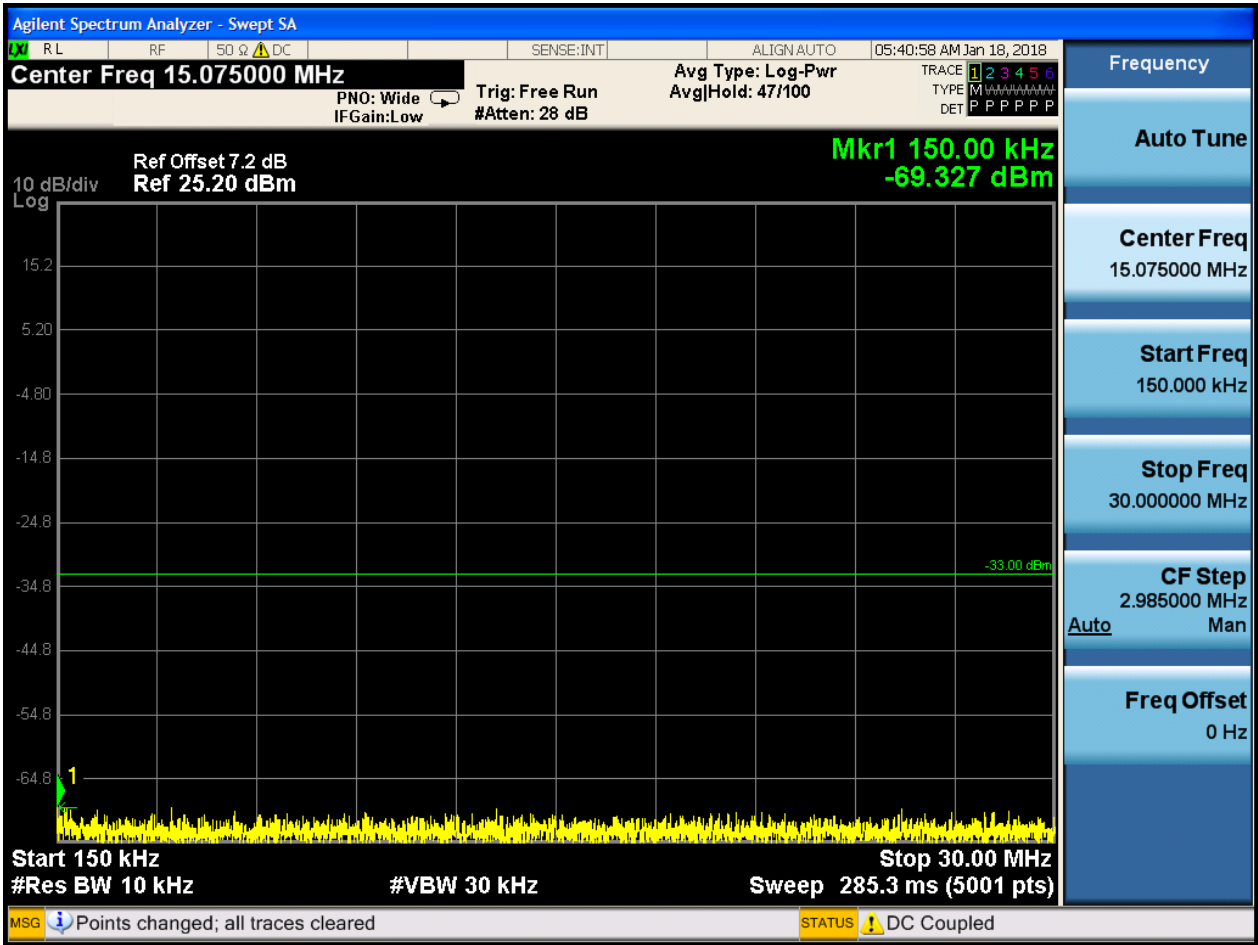


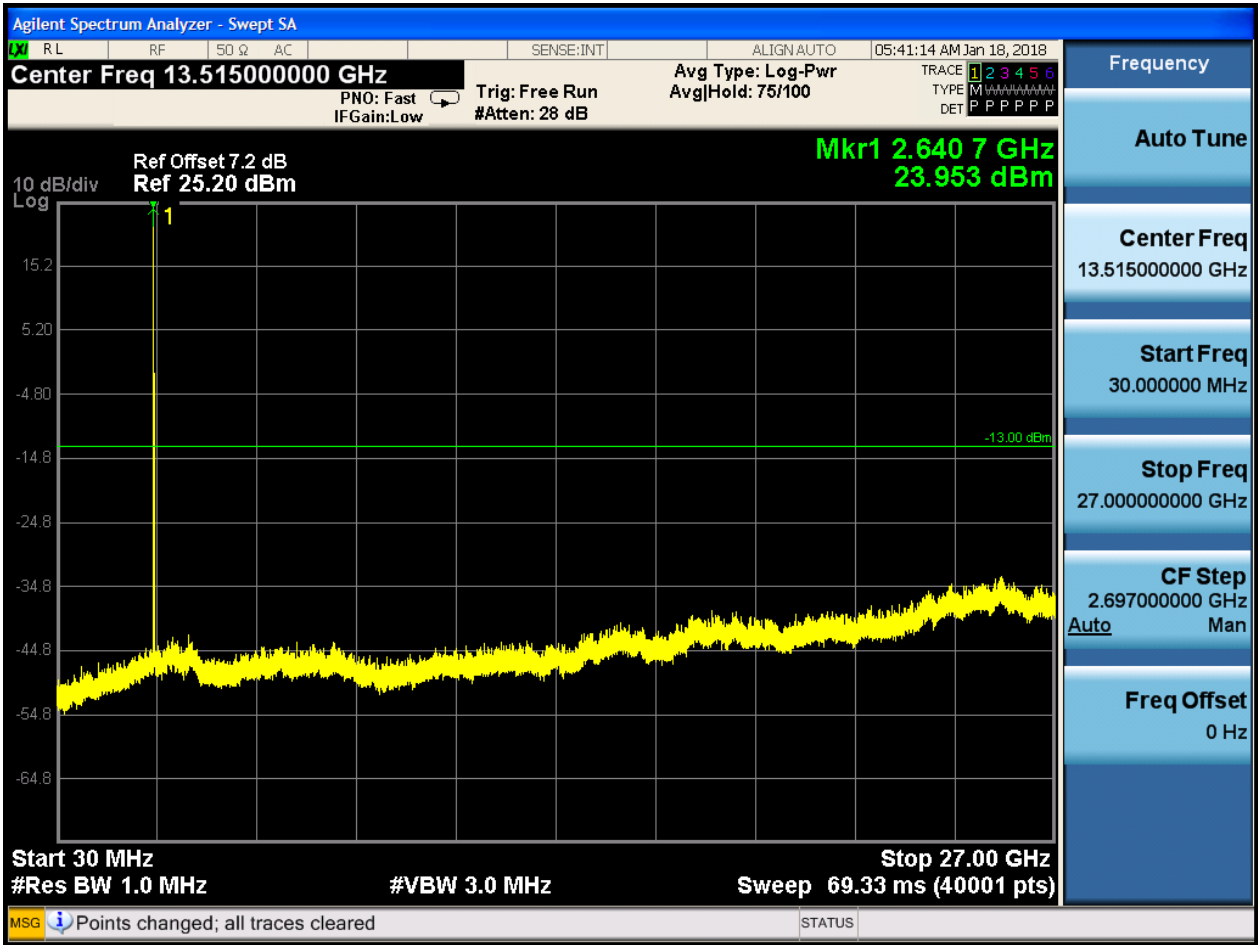


6.1.1.1.3.3 Test Channel = HCH

6.1.1.1.3.3.1 Test RB = RB1#0





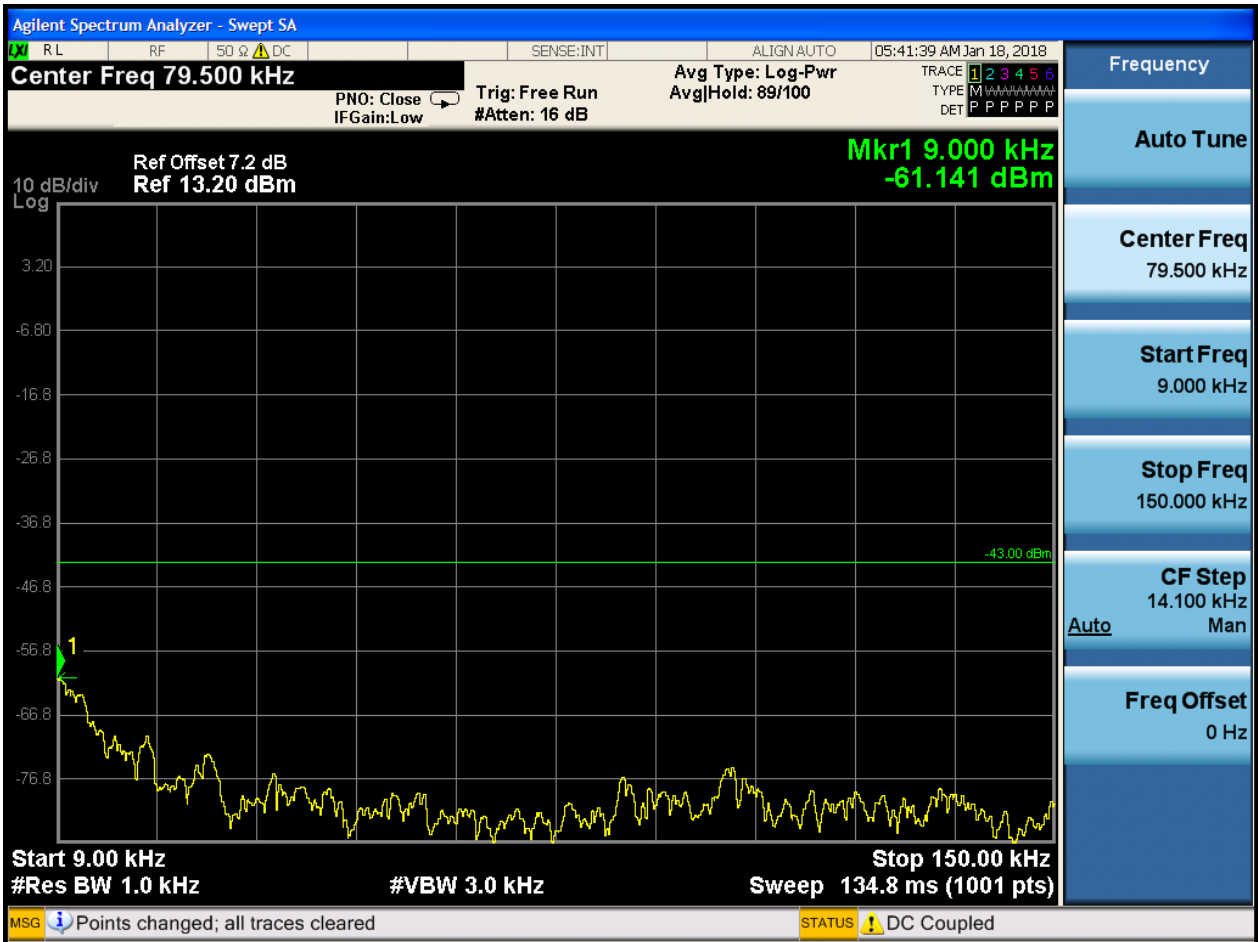


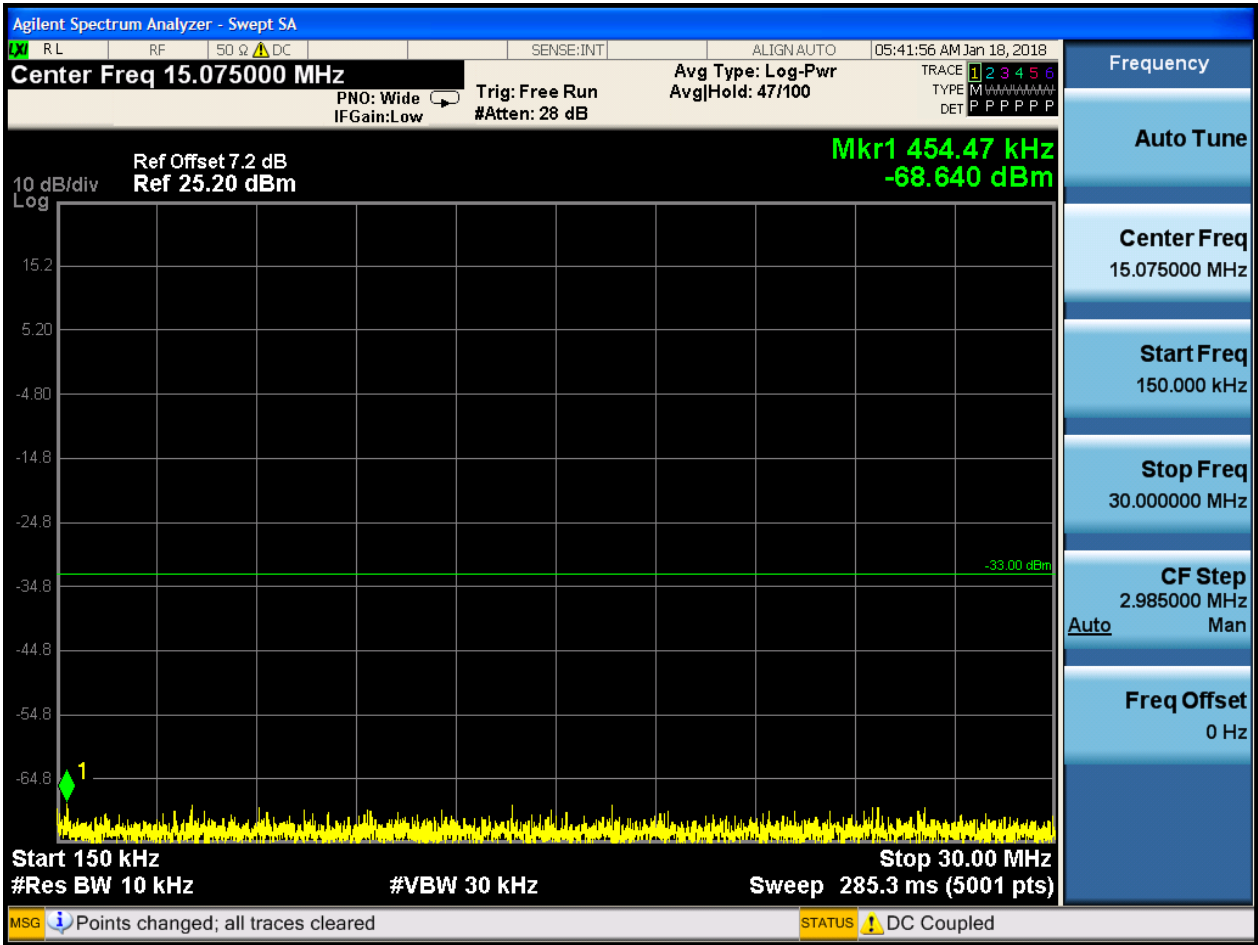


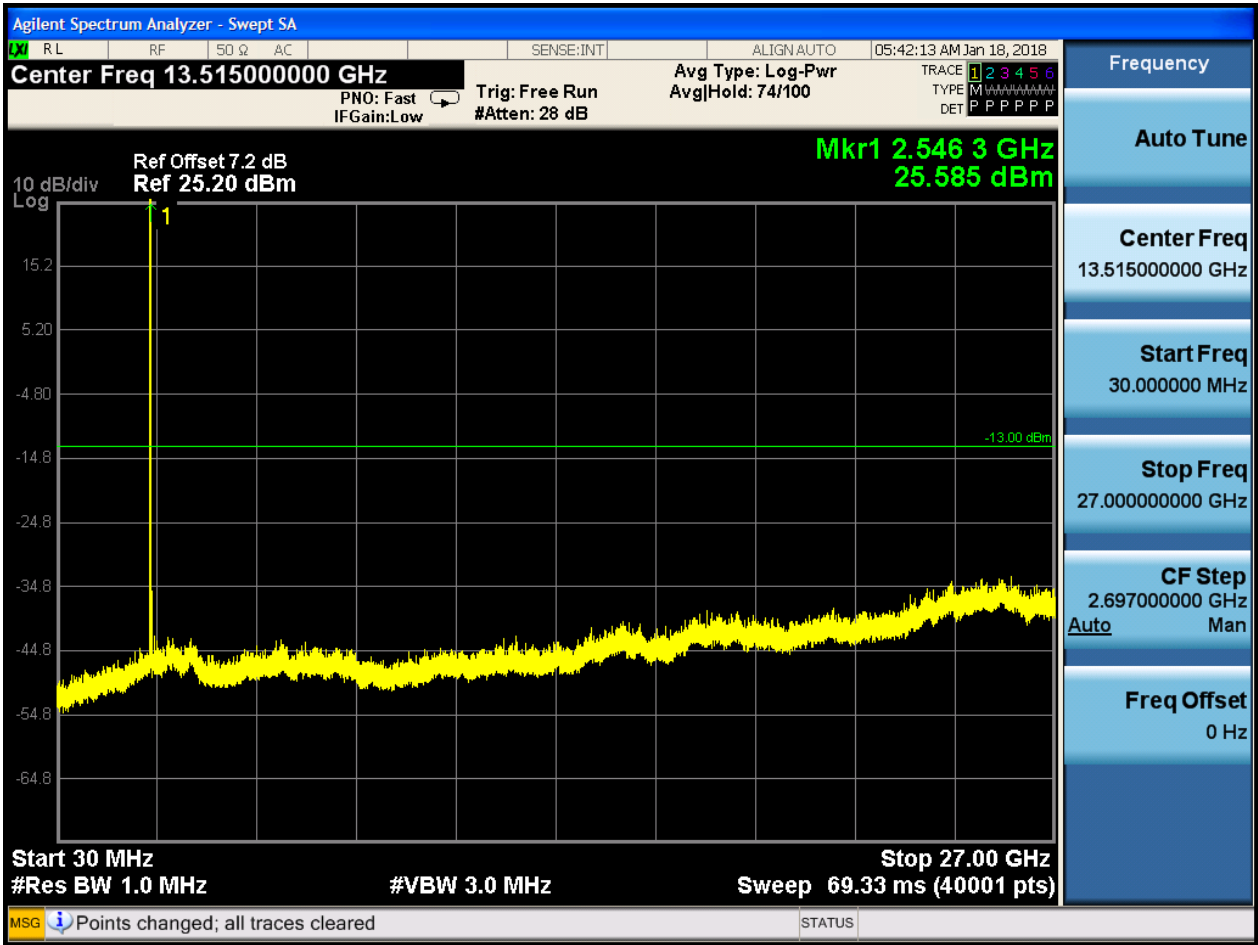
6.1.1.1.4 Test Bandwidth = 20

6.1.1.1.4.1 Test Channel = LCH

6.1.1.1.4.1.1 Test RB = RB1#0

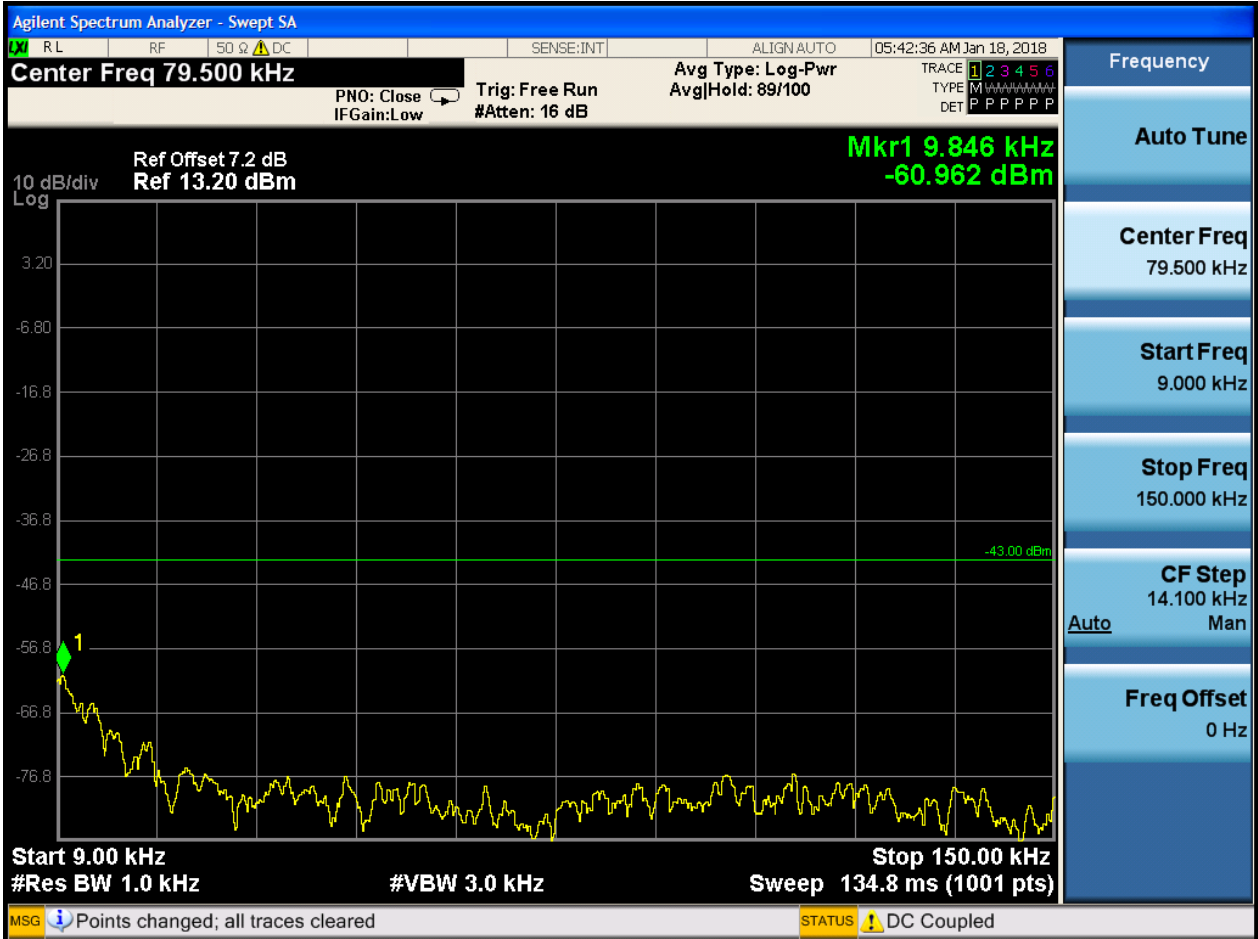


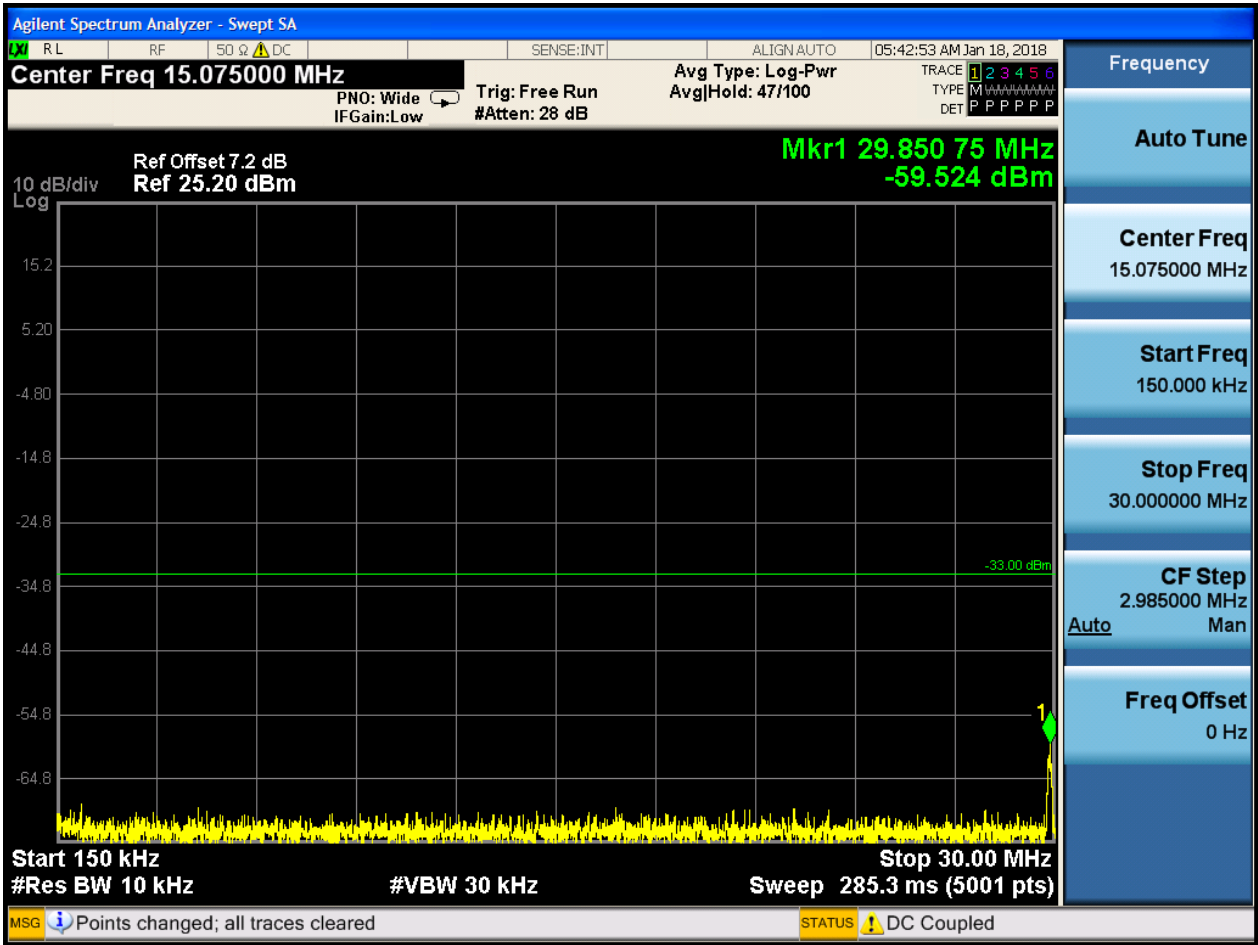


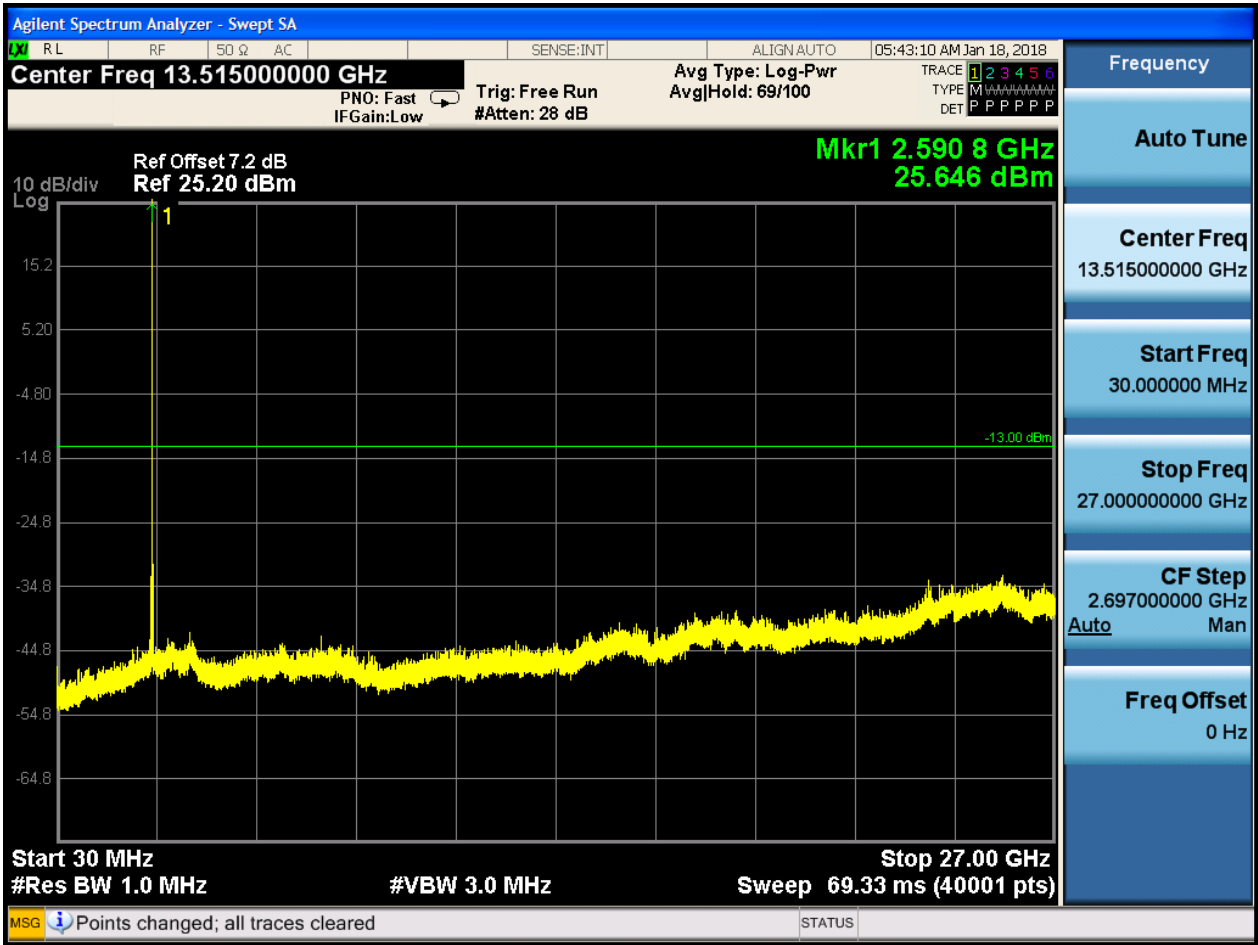


6.1.1.1.4.2 Test Channel = MCH

6.1.1.1.4.2.1 Test RB = RB1#0



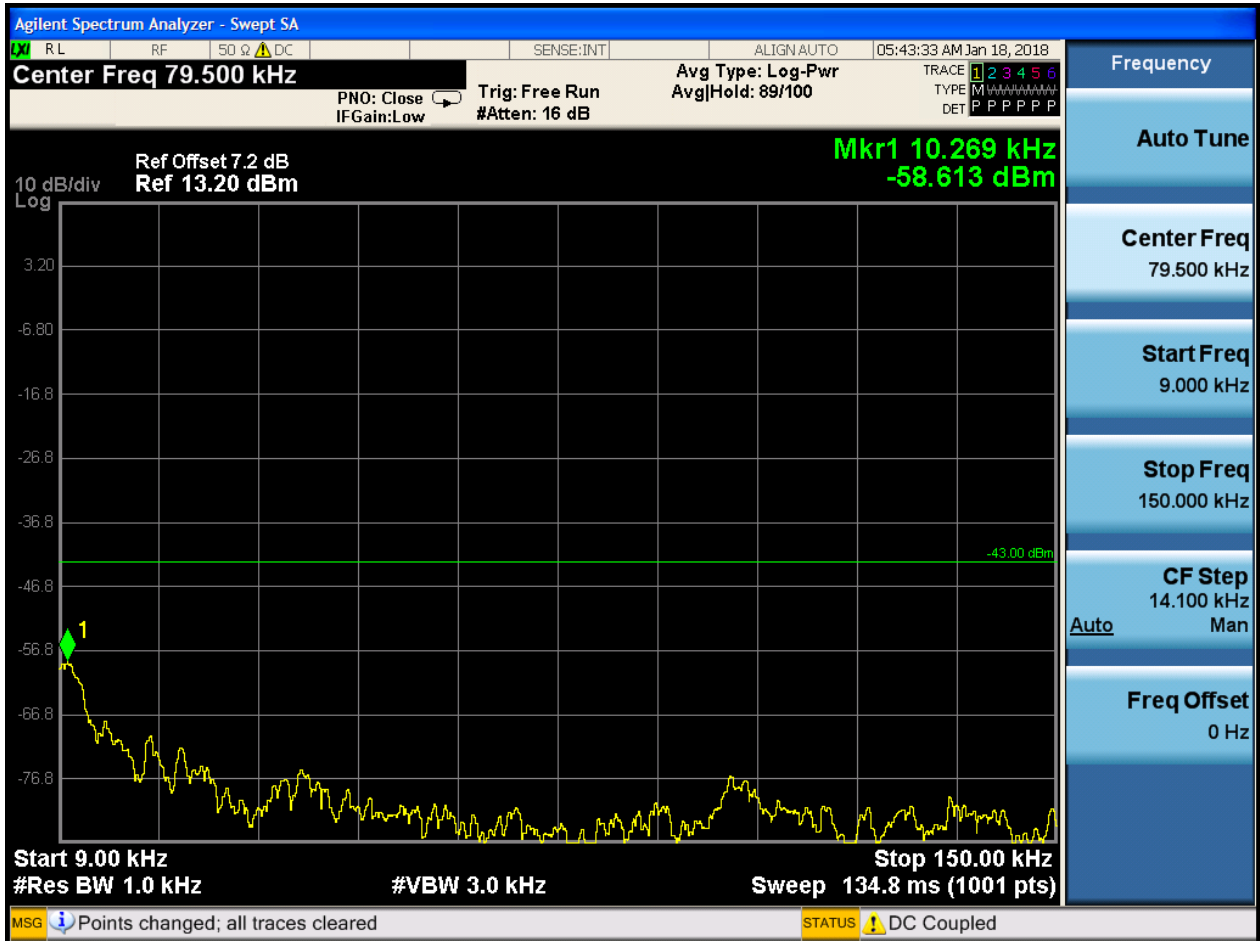


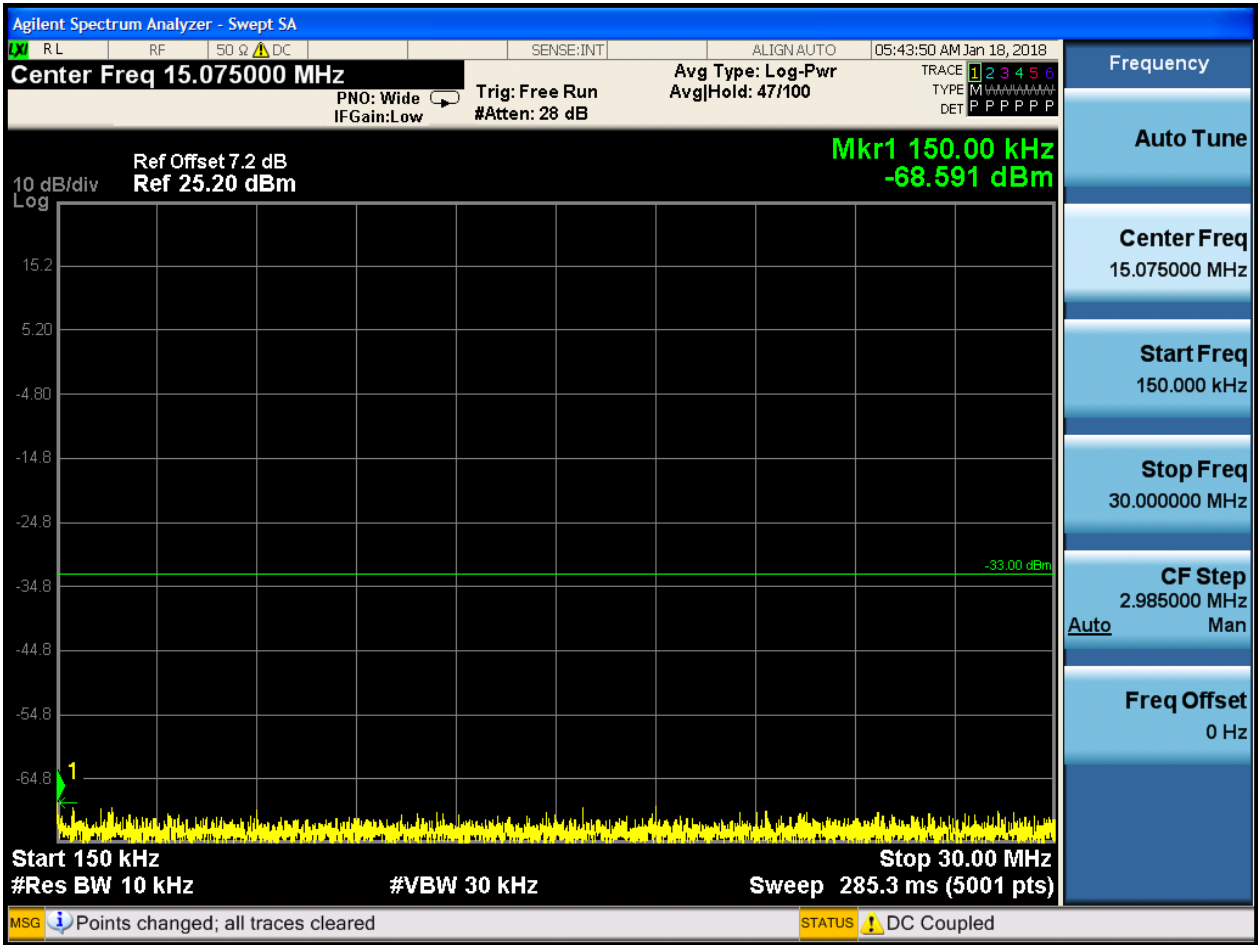


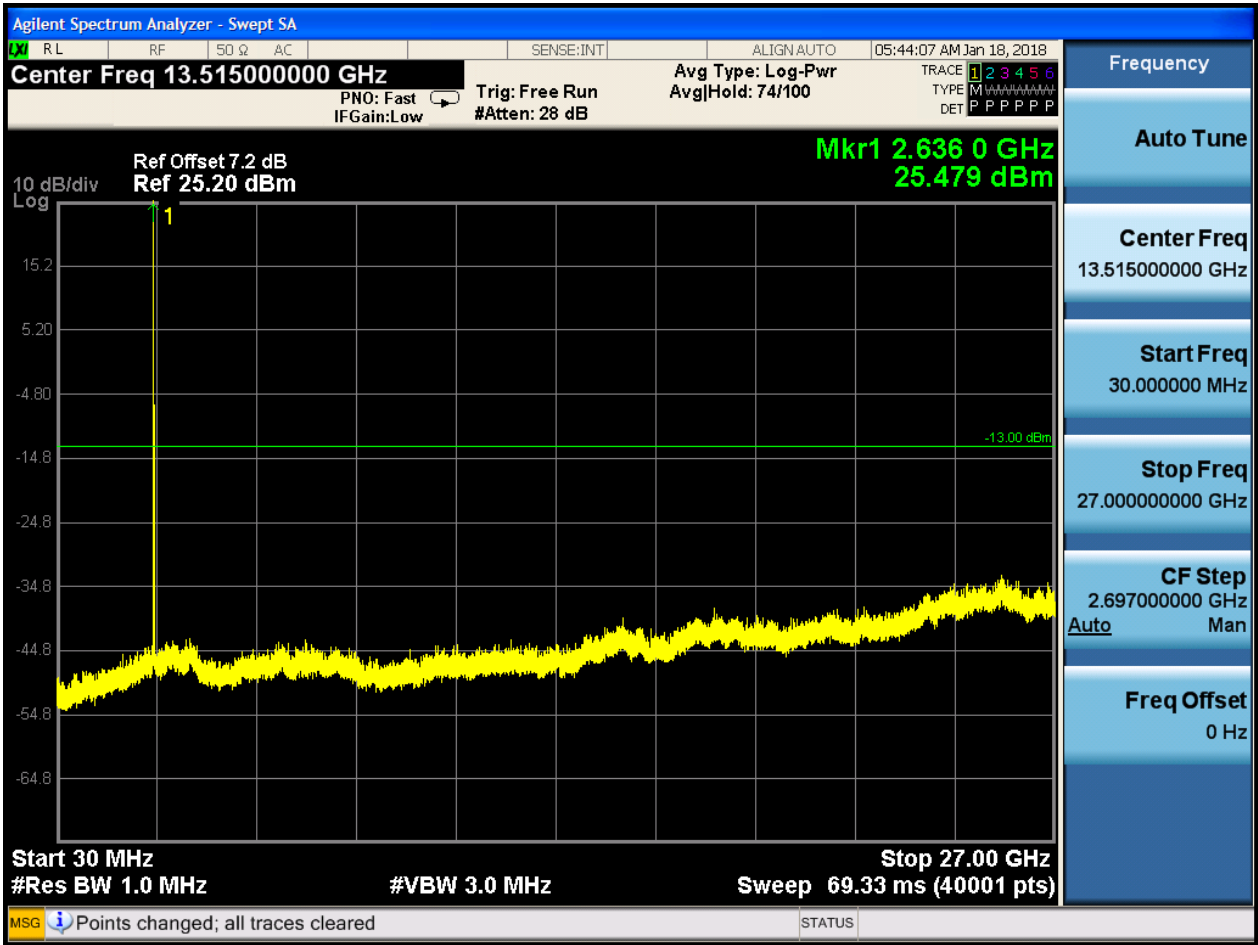


6.1.1.1.4.3 Test Channel = HCH

6.1.1.1.4.3.1 Test RB = RB1#0







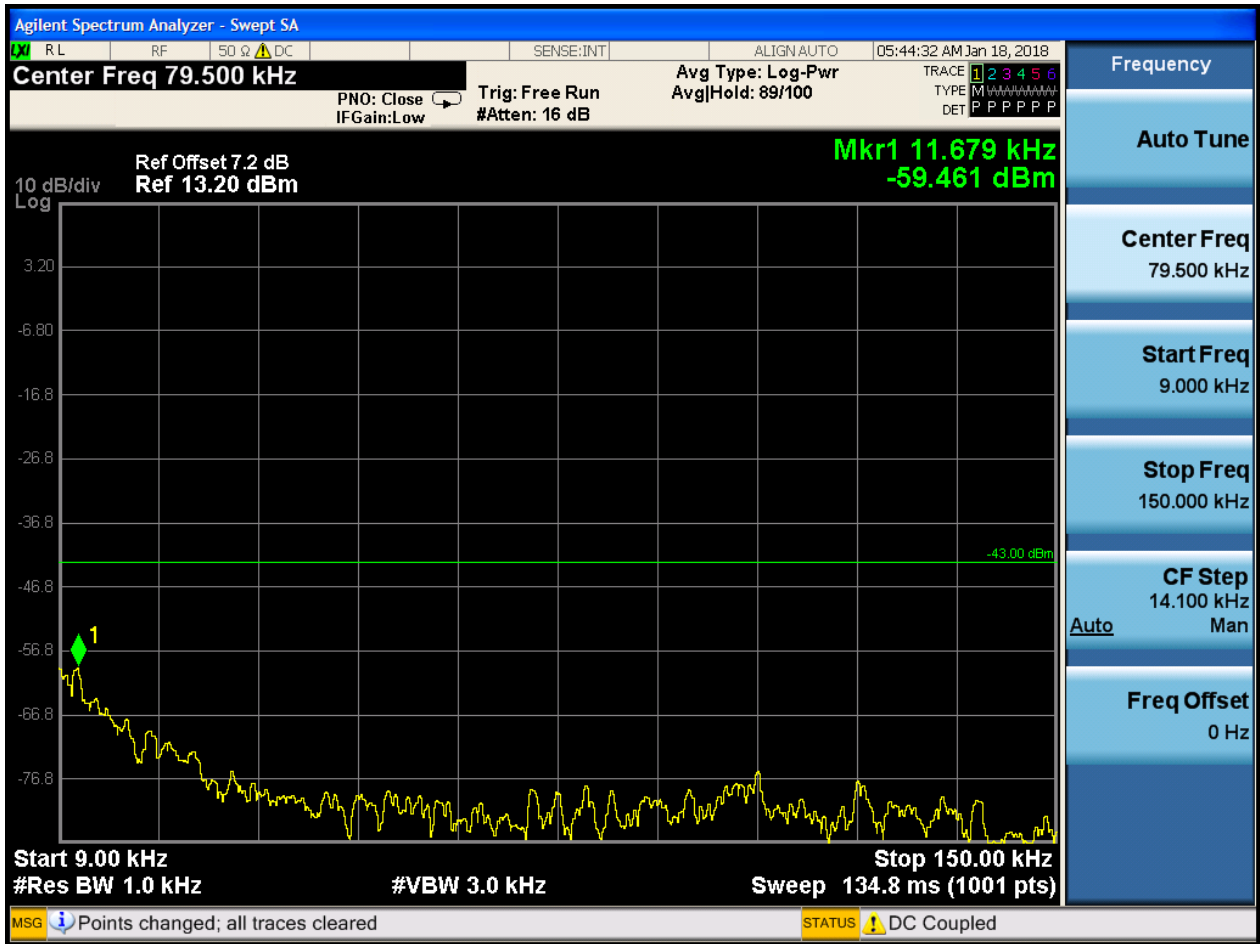


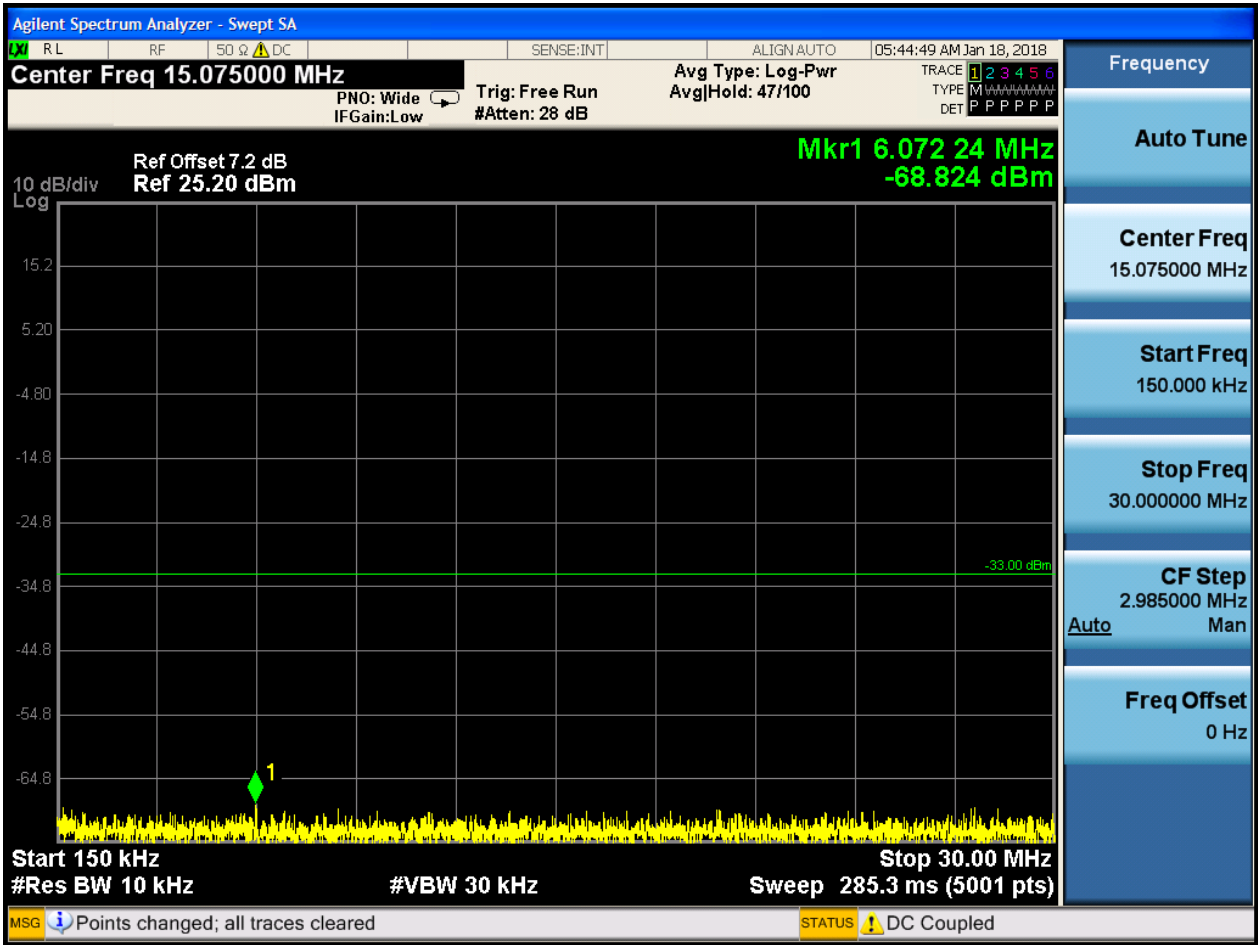
6.1.1.2 Test Mode = LTE/TM2

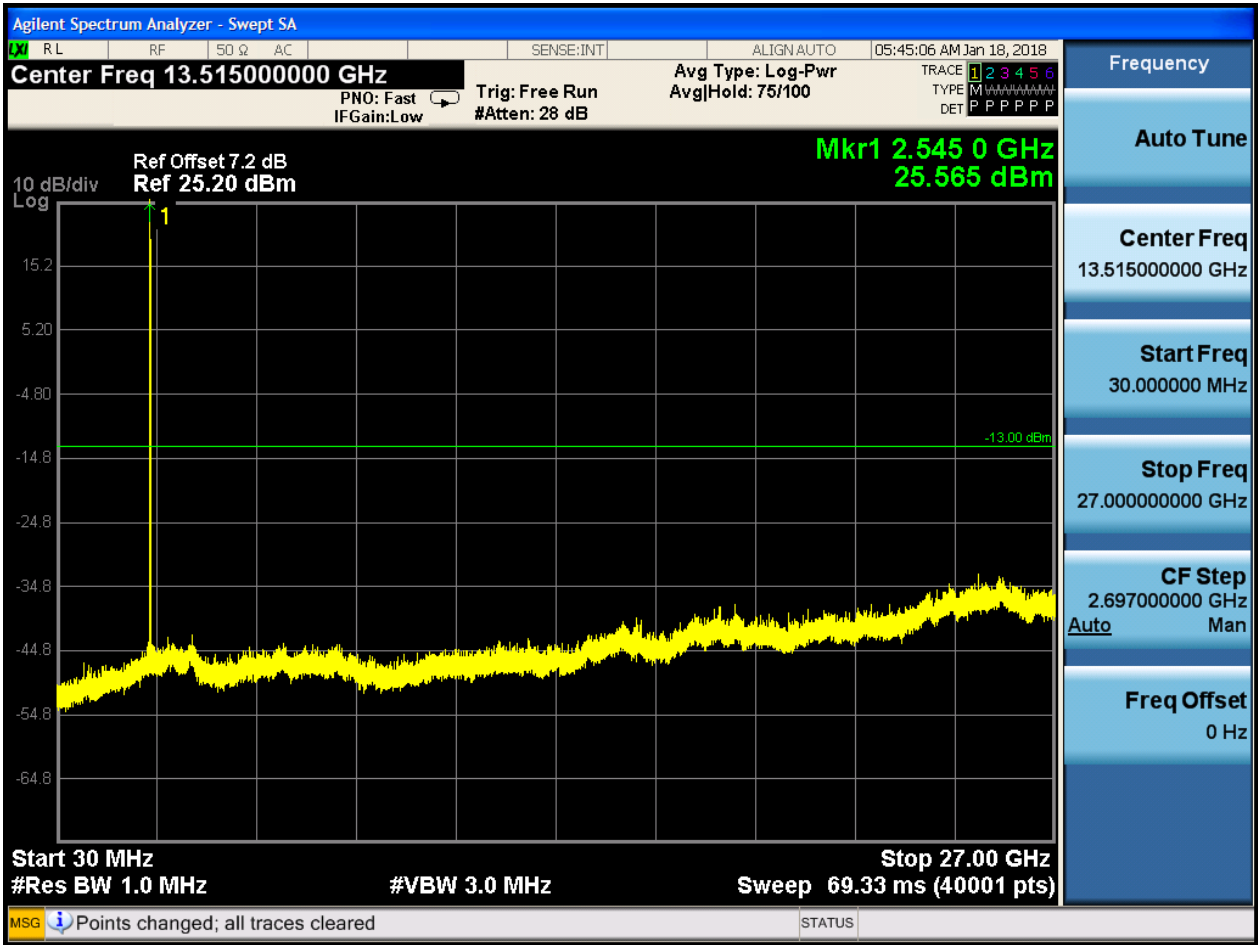
6.1.1.2.1 Test Bandwidth = 5

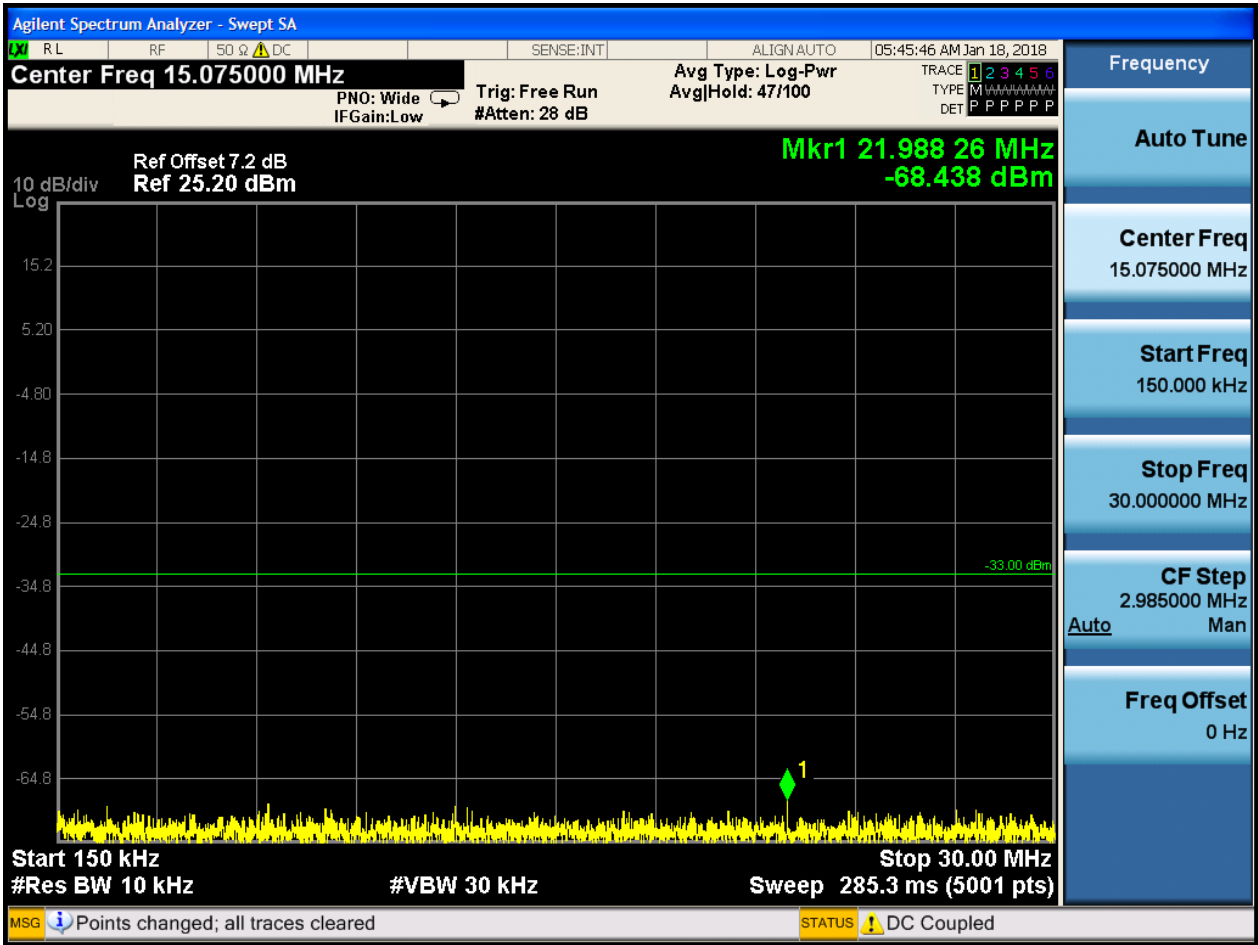
6.1.1.2.1.1 Test Channel = LCH

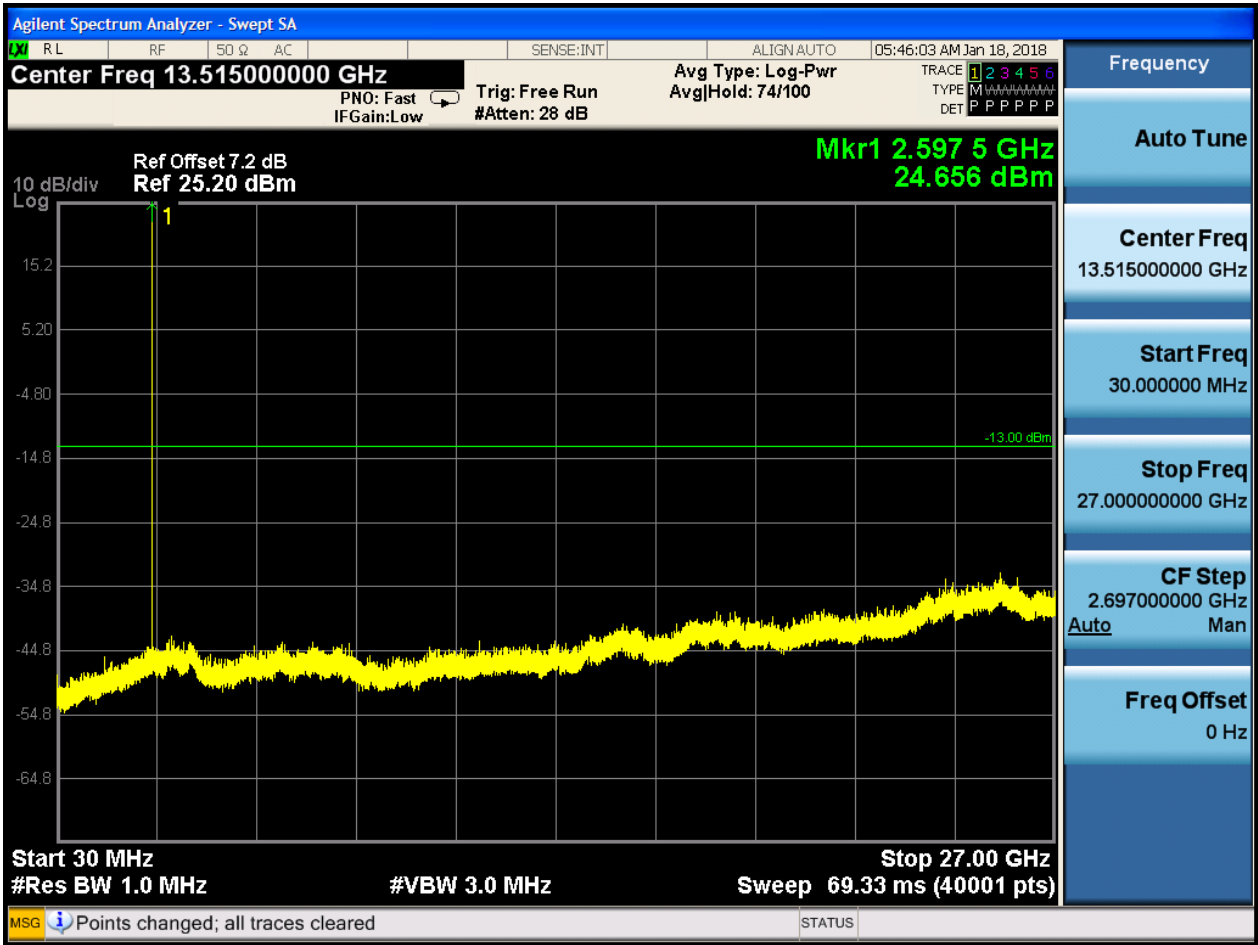
6.1.1.2.1.1.1 Test RB = RB1#0

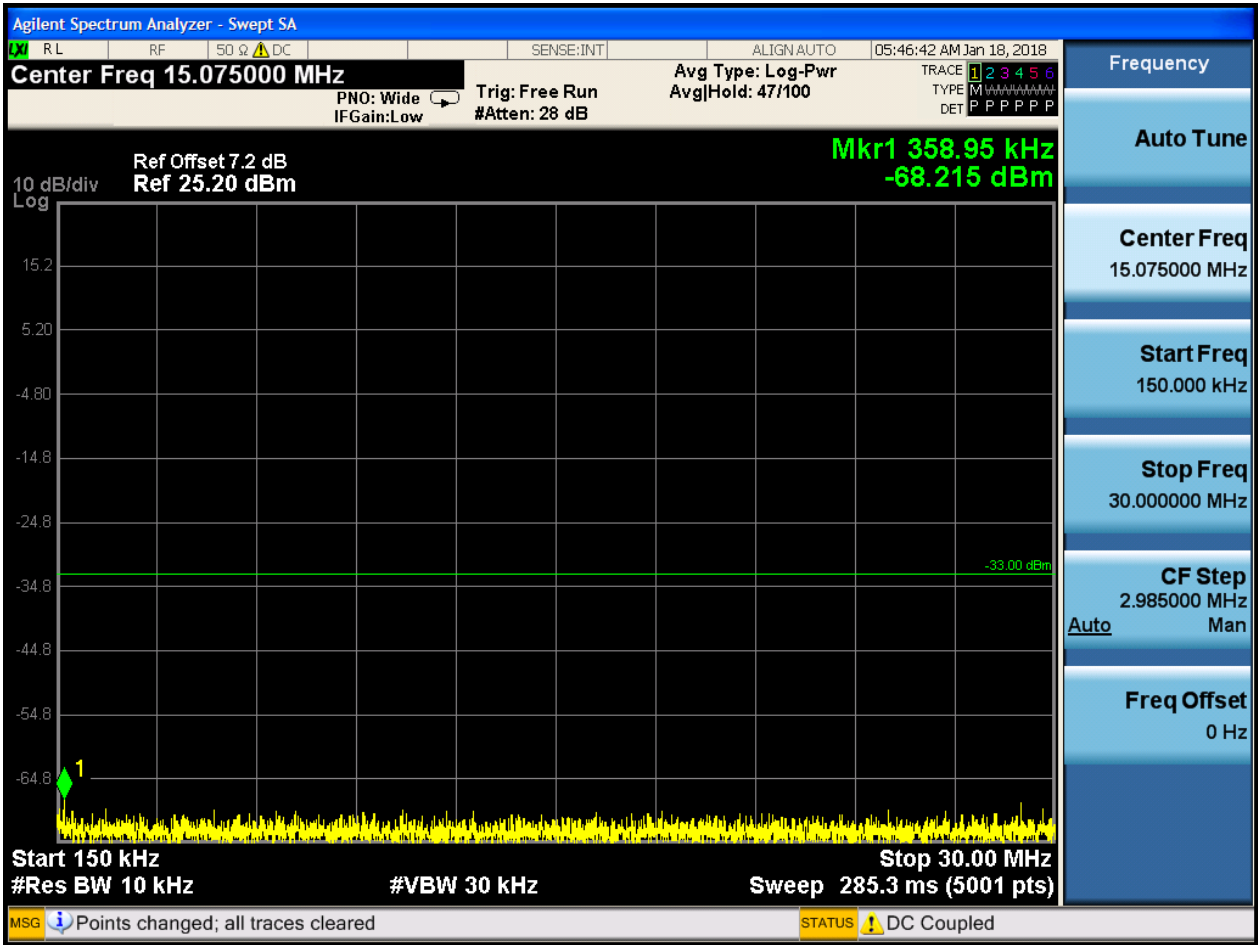


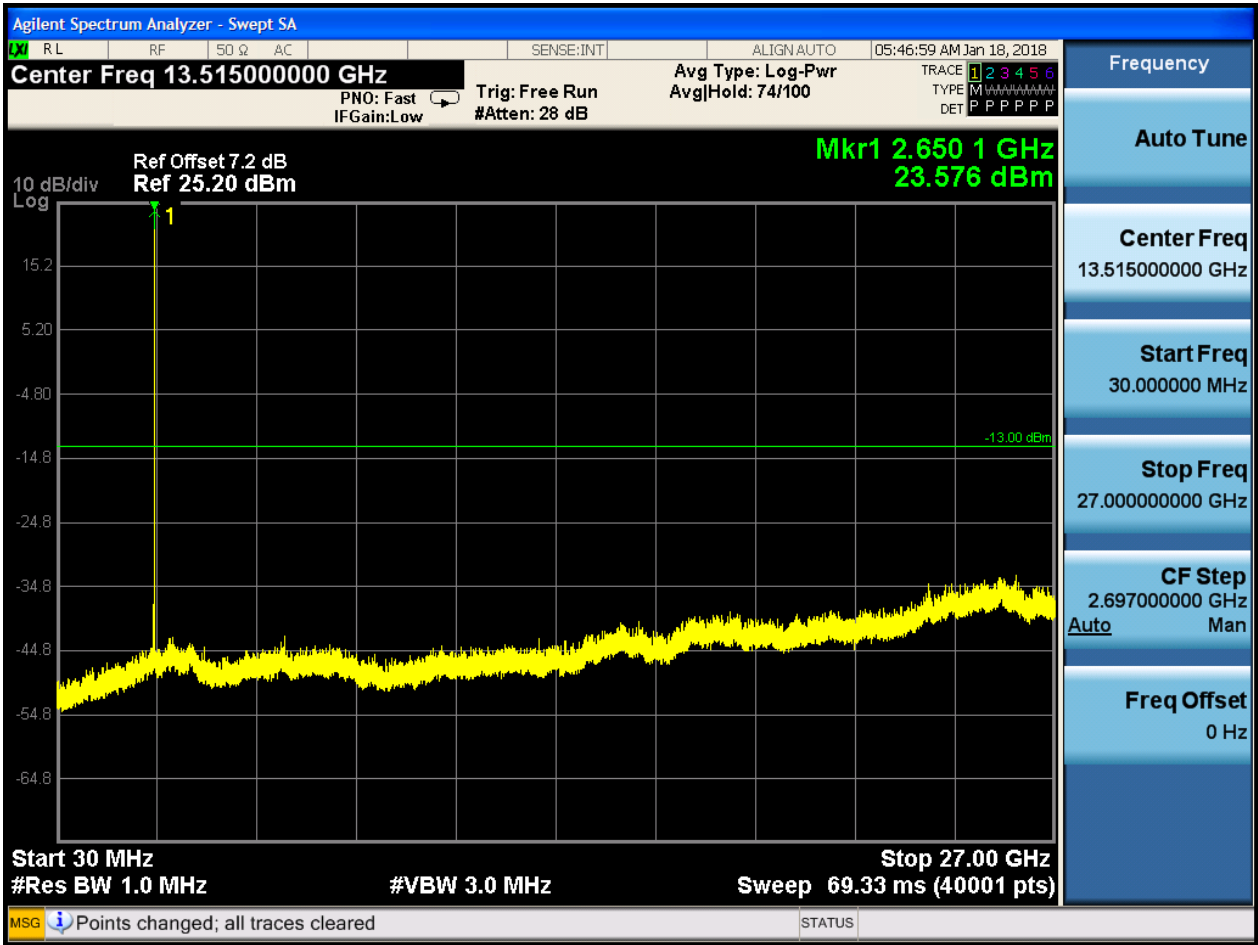










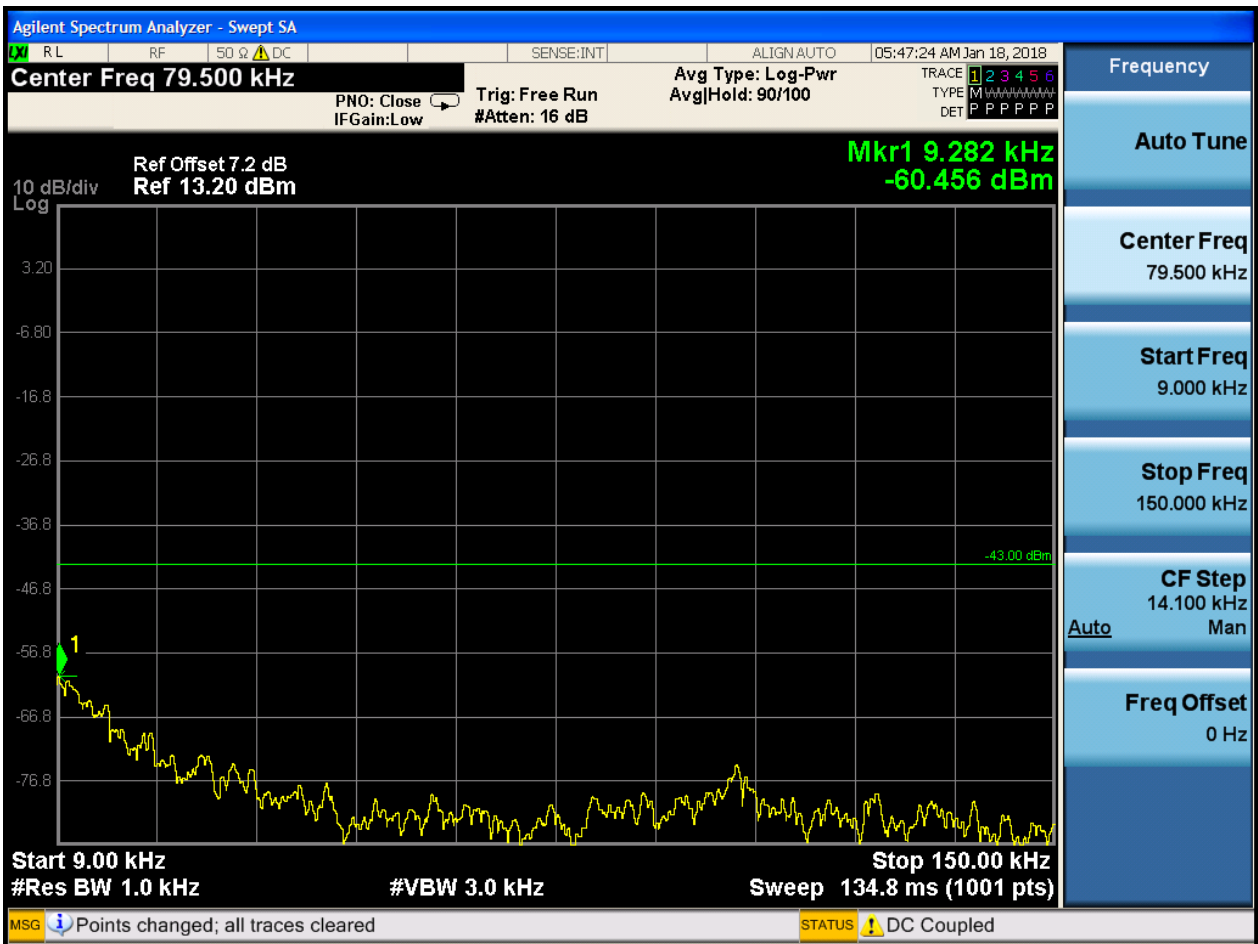


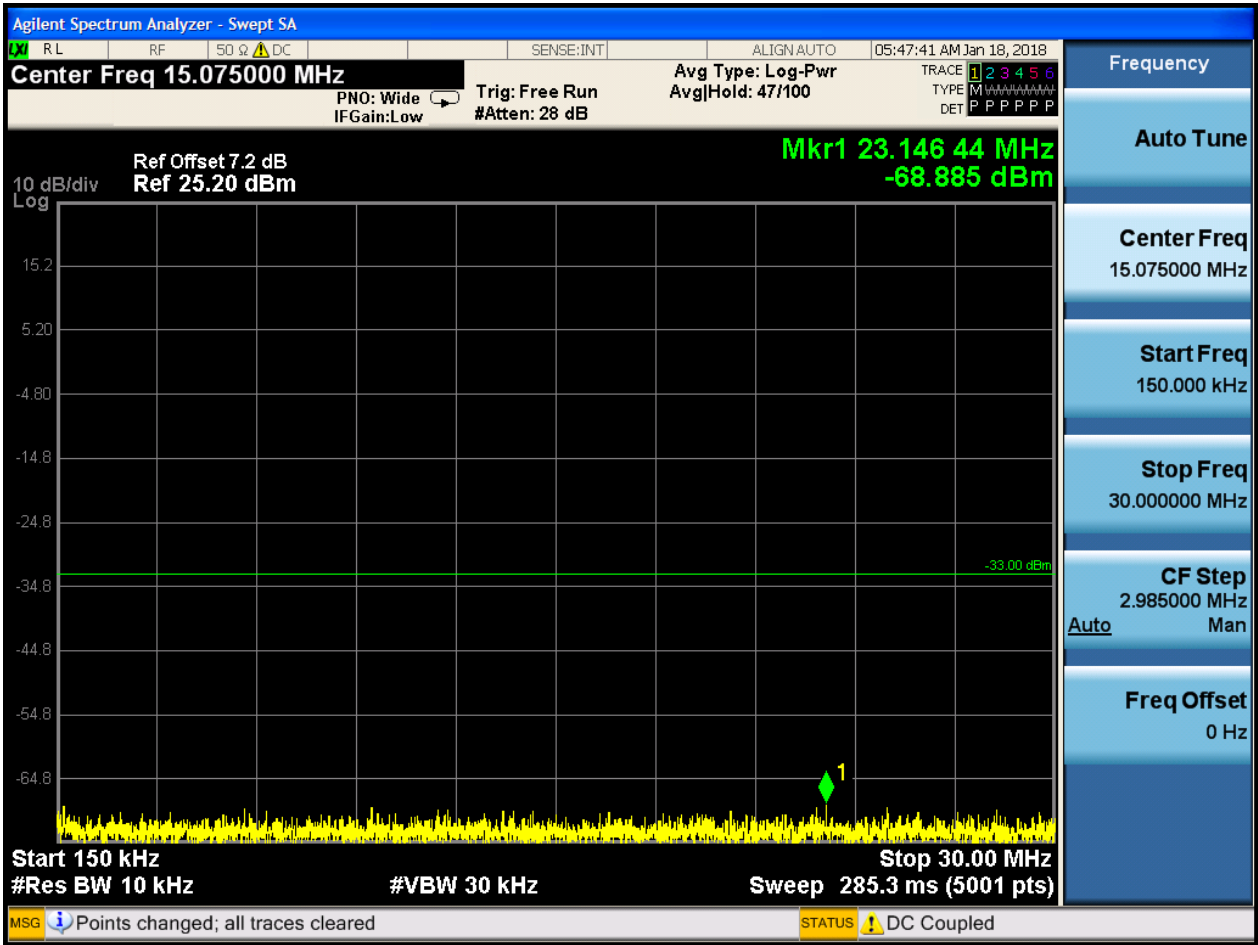


6.1.1.2.2 Test Bandwidth = 10

6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0

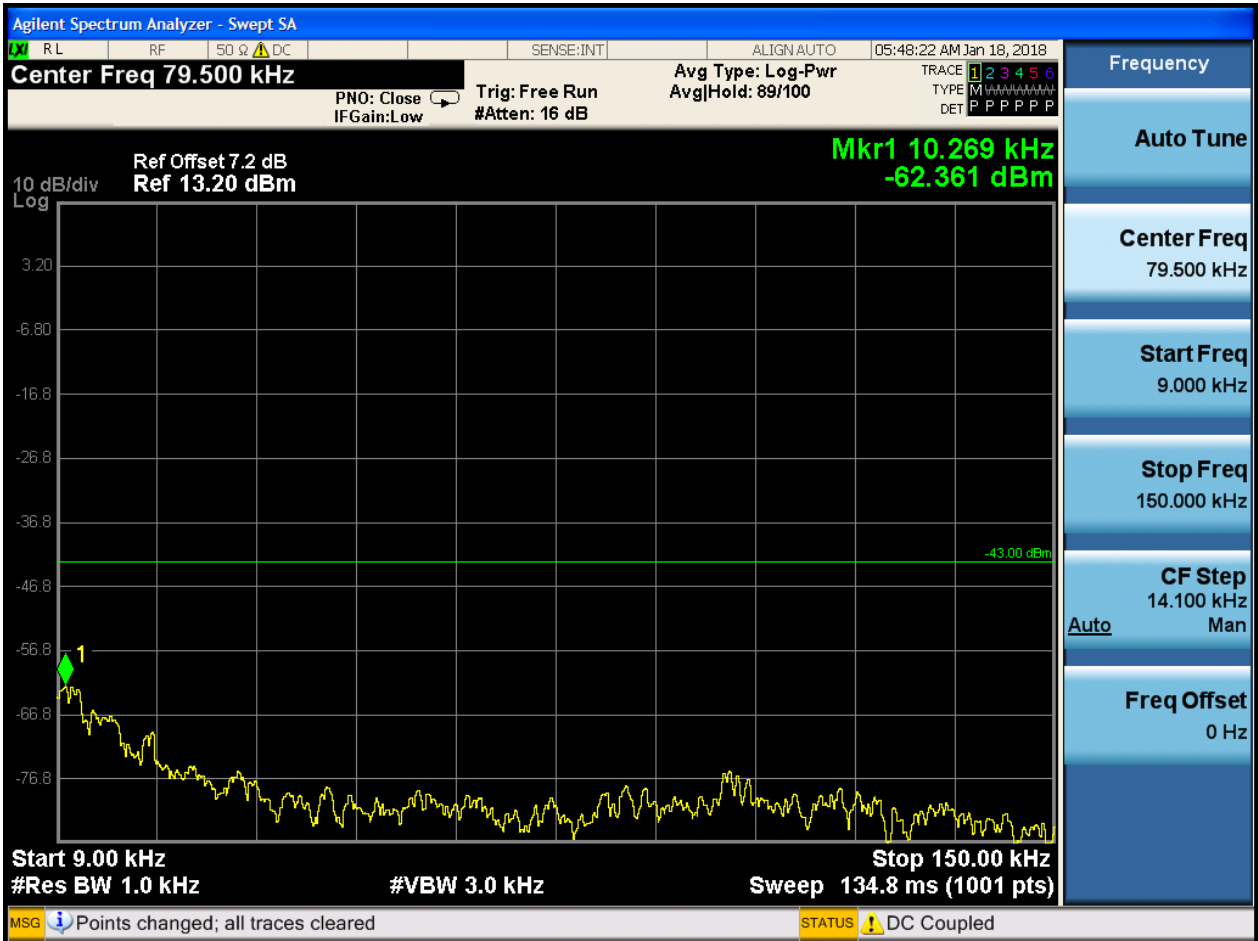


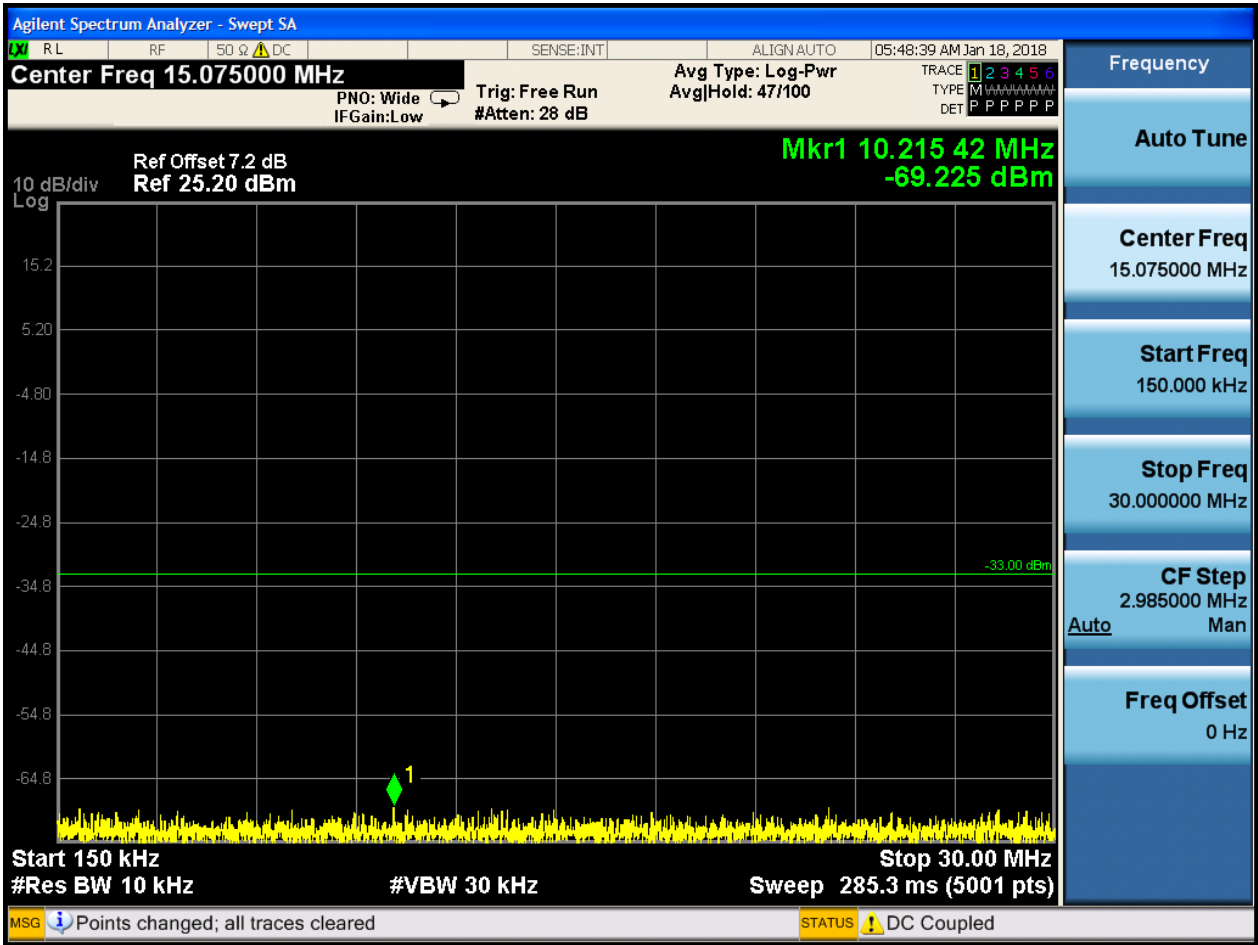


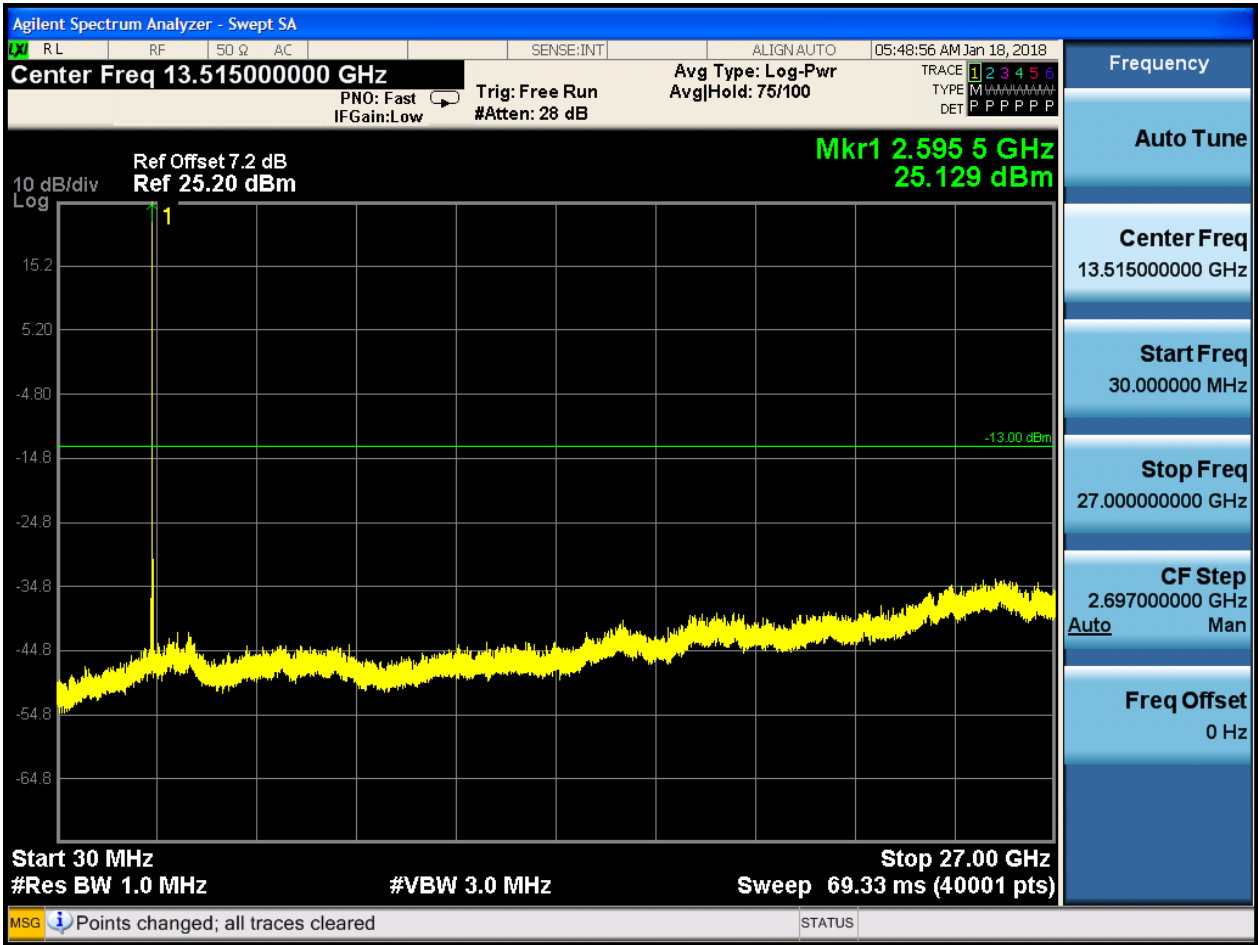


6.1.1.2.2 Test Channel = MCH

6.1.1.2.2.1 Test RB = RB1#0



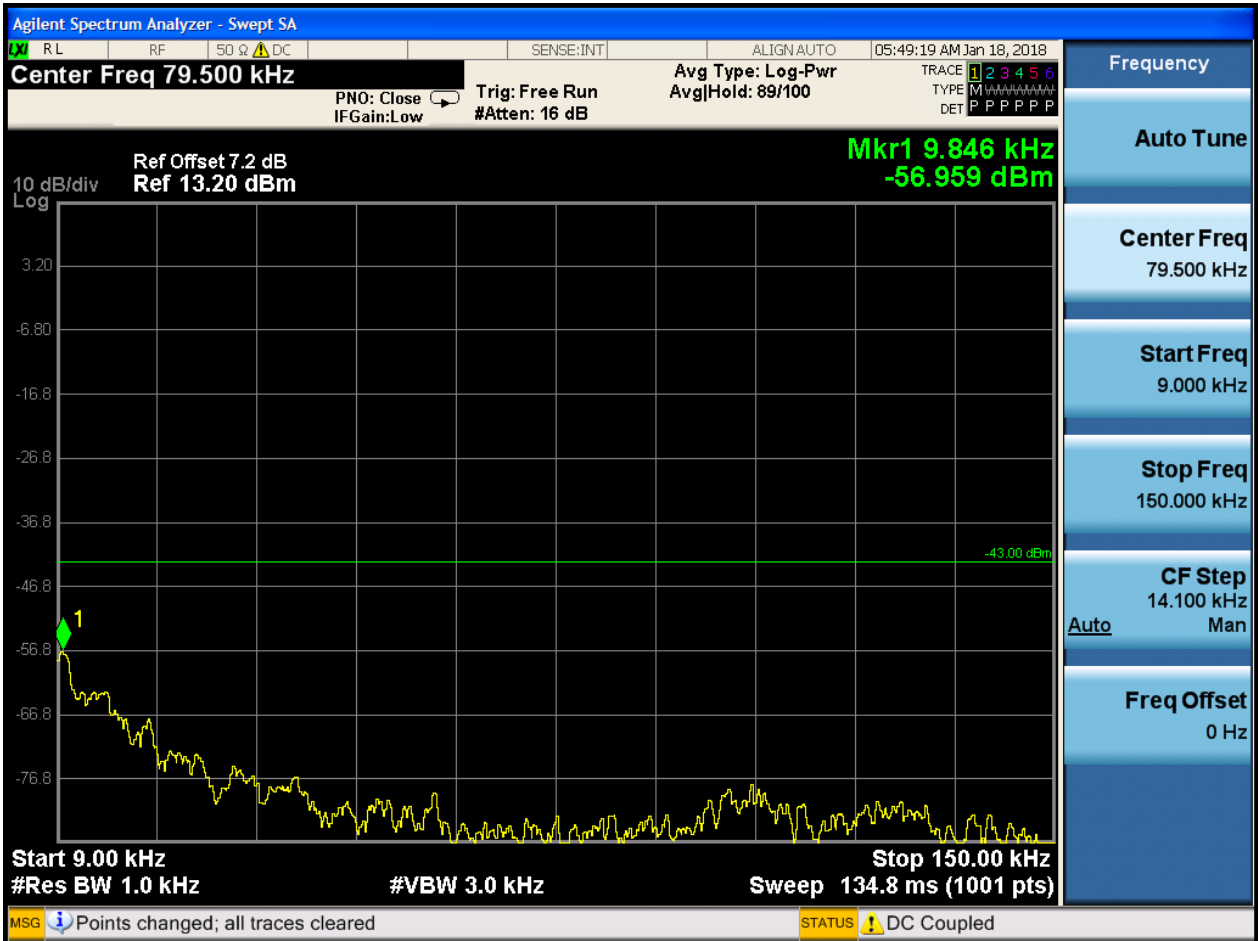


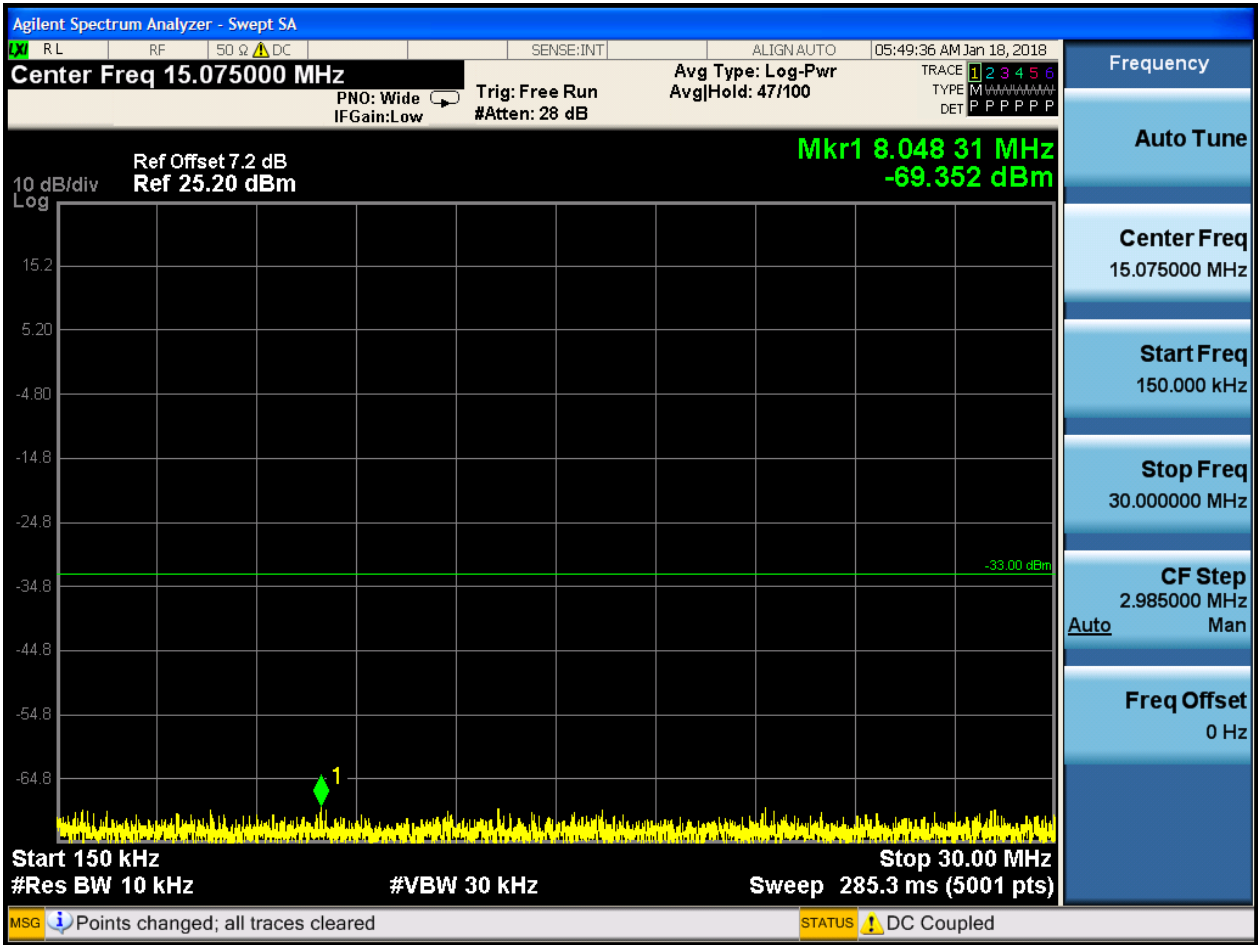


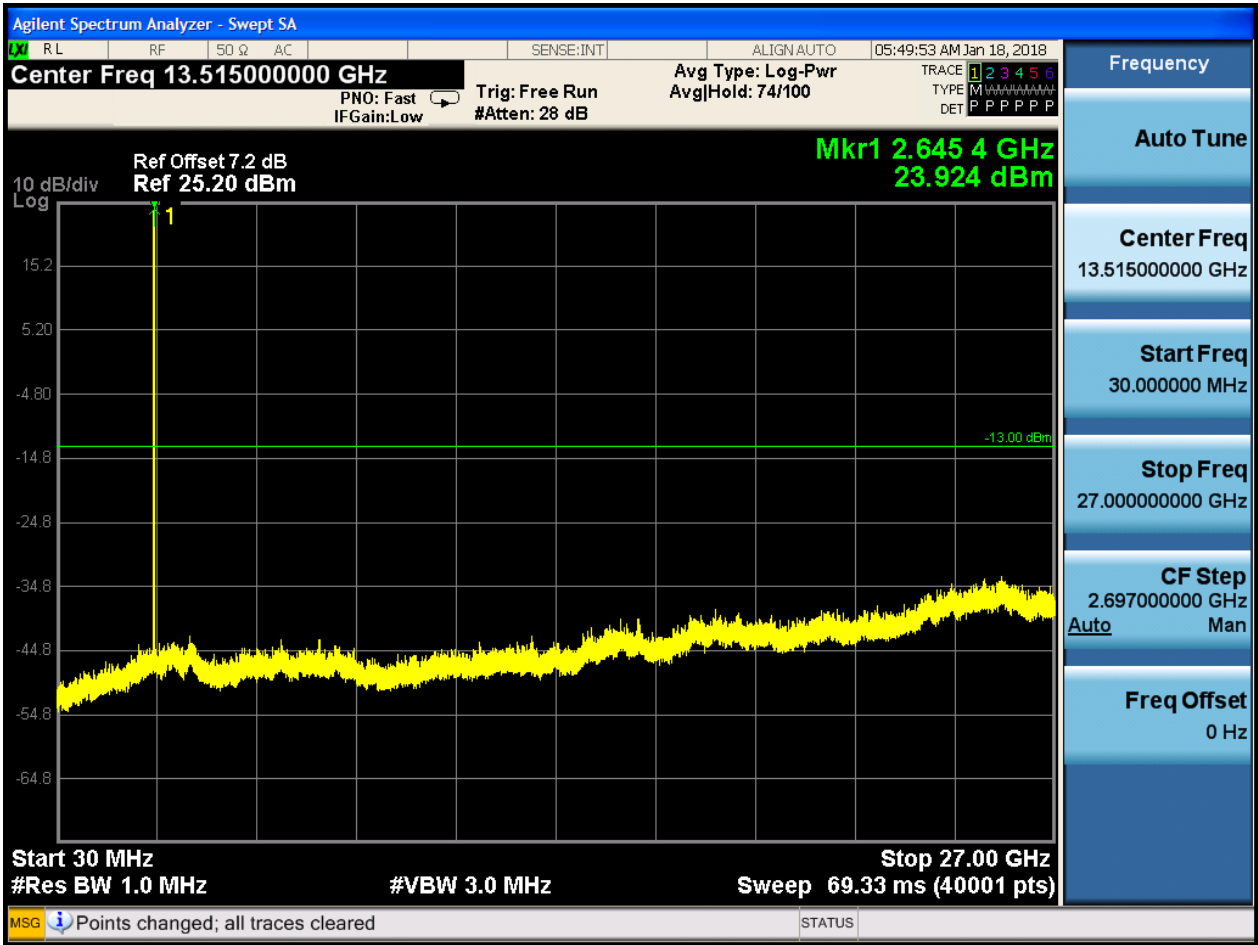


6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0





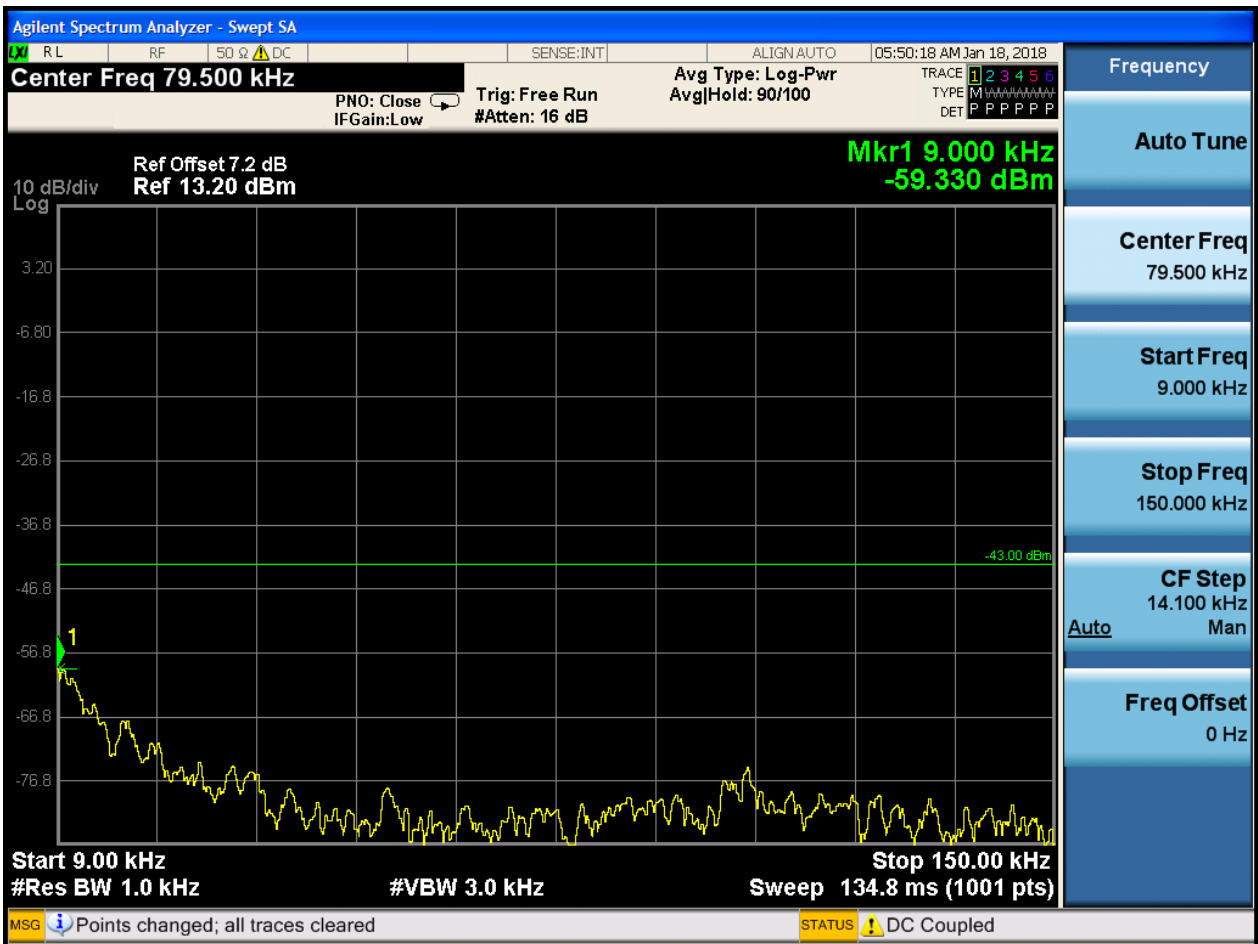


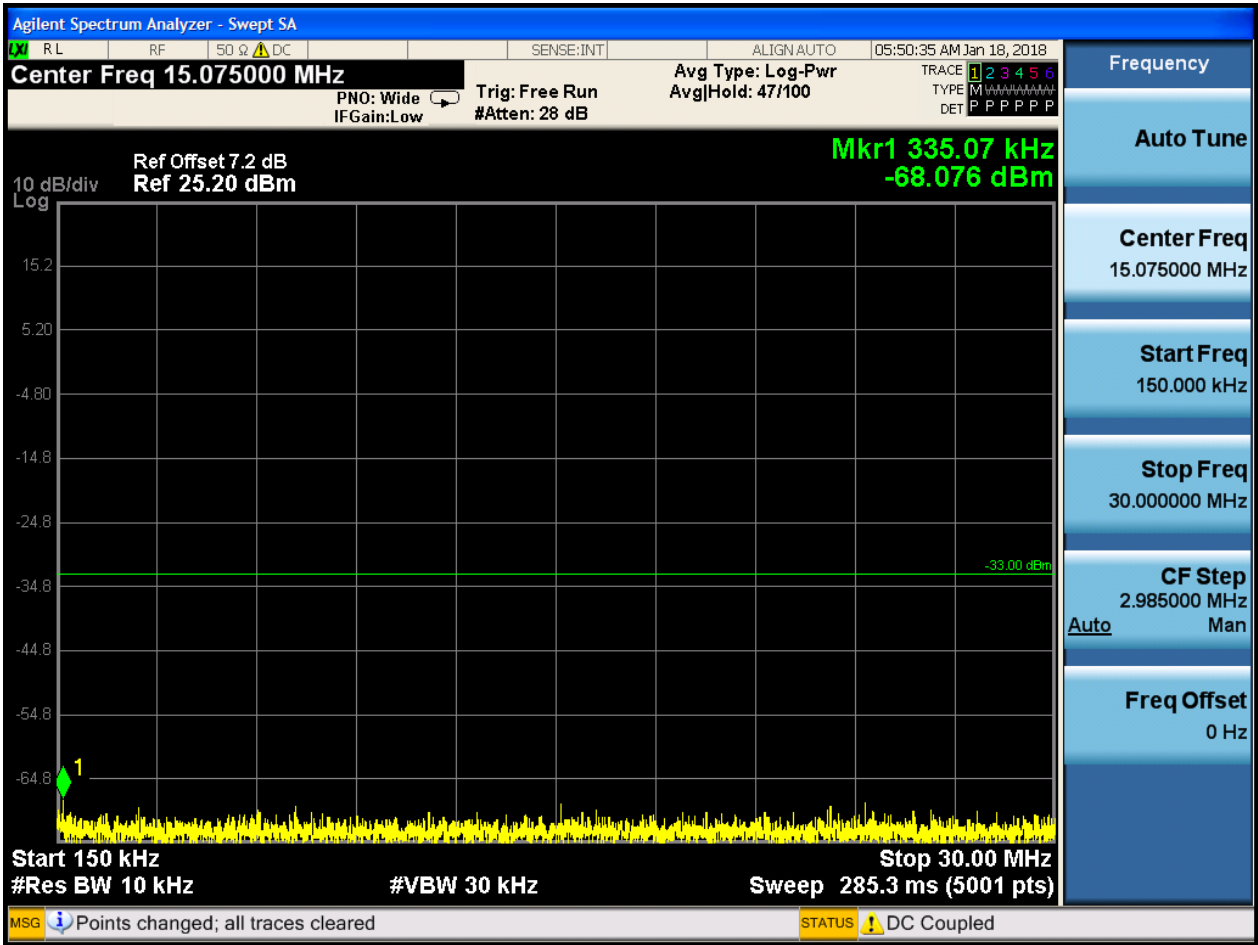


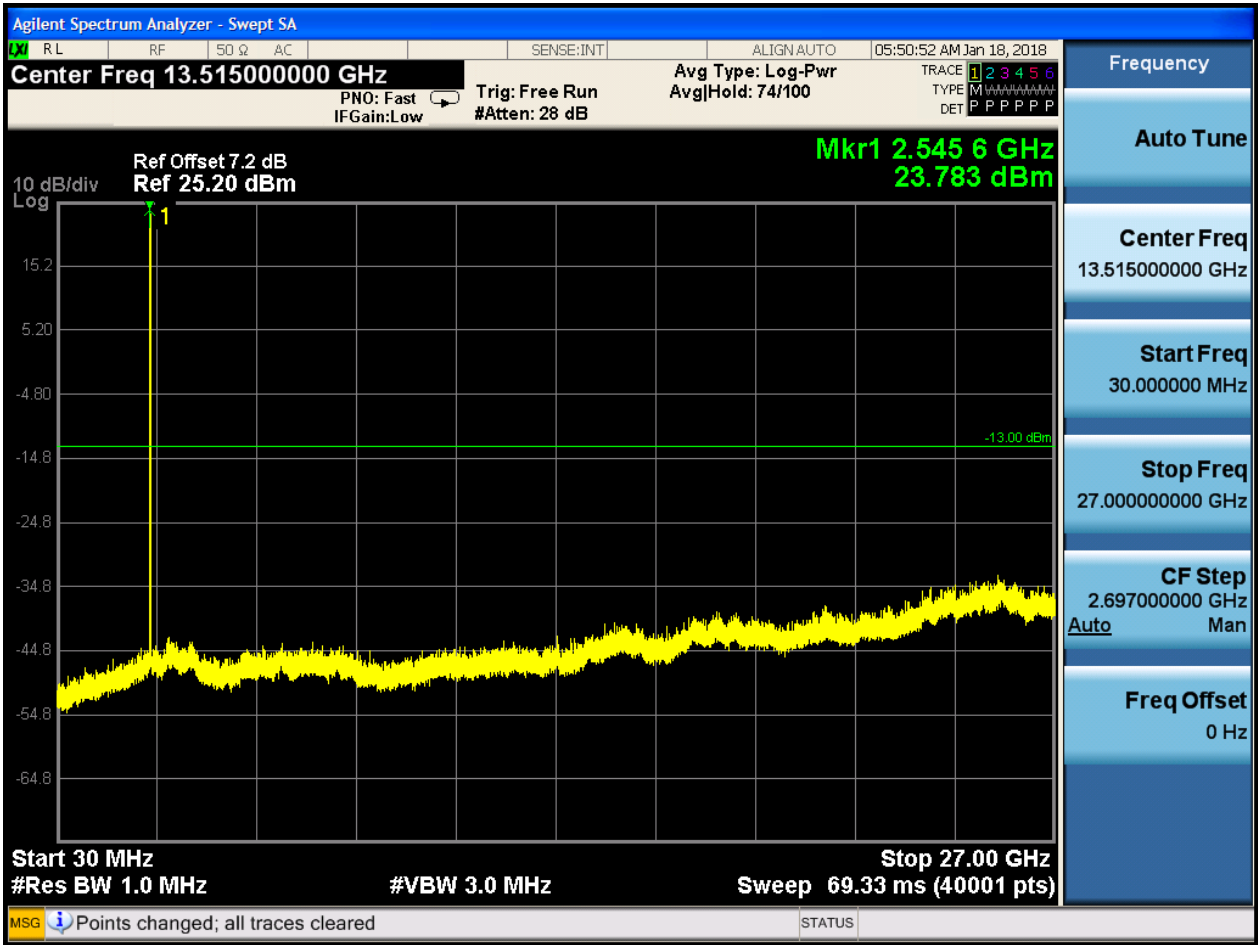
6.1.1.2.3 Test Bandwidth = 15

6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0



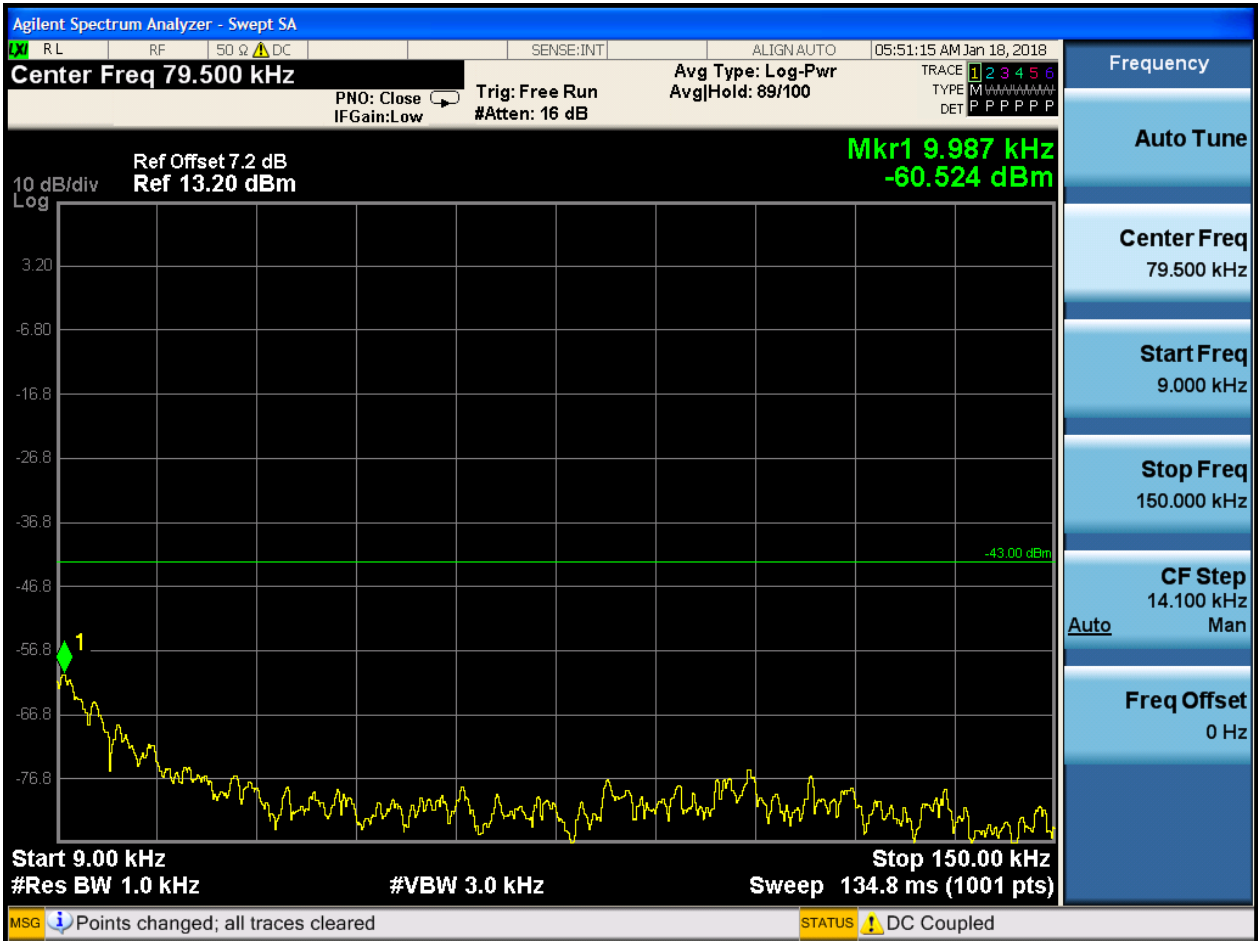


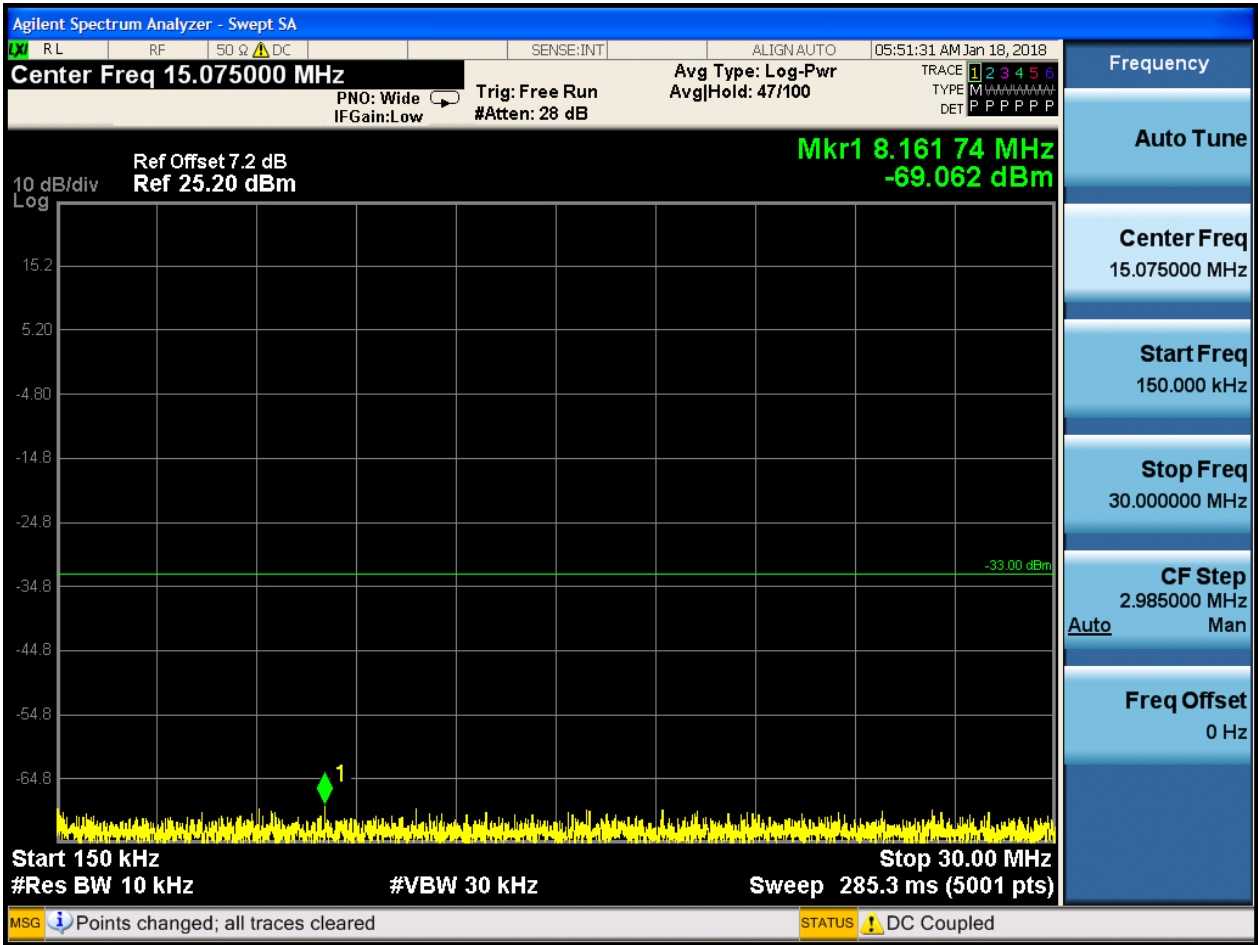


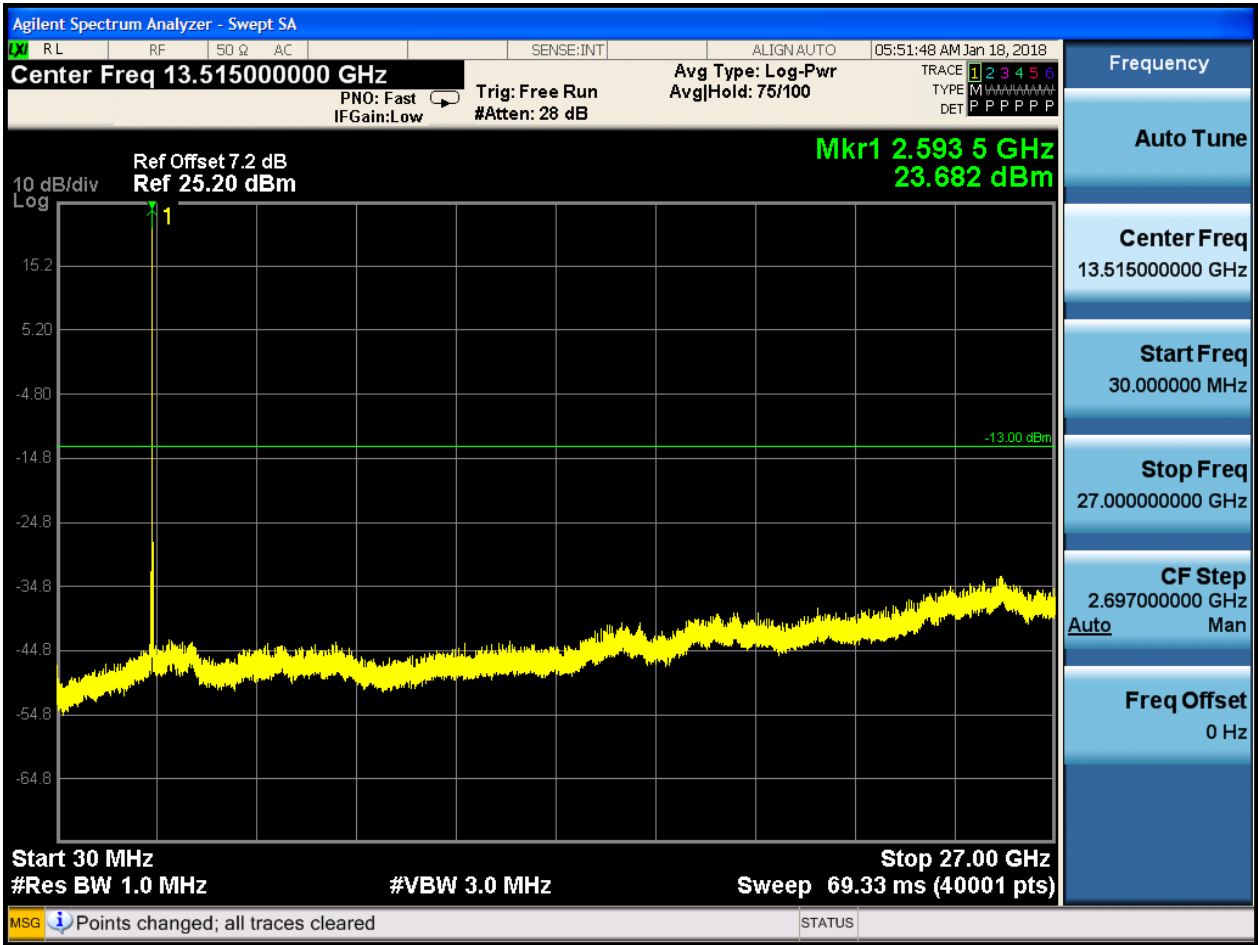


6.1.1.2.3.2 Test Channel = MCH

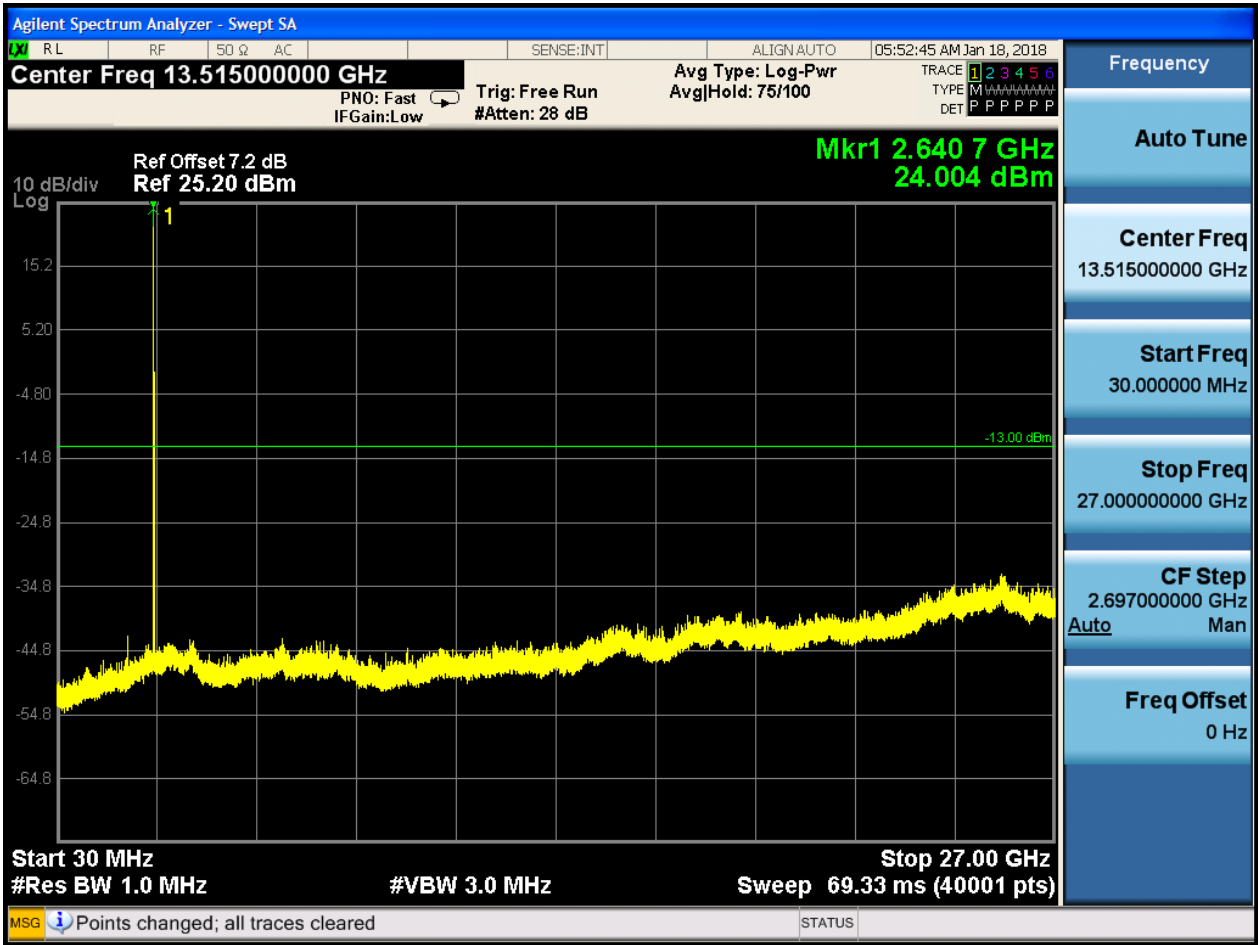
6.1.1.2.3.2.1 Test RB = RB1#0









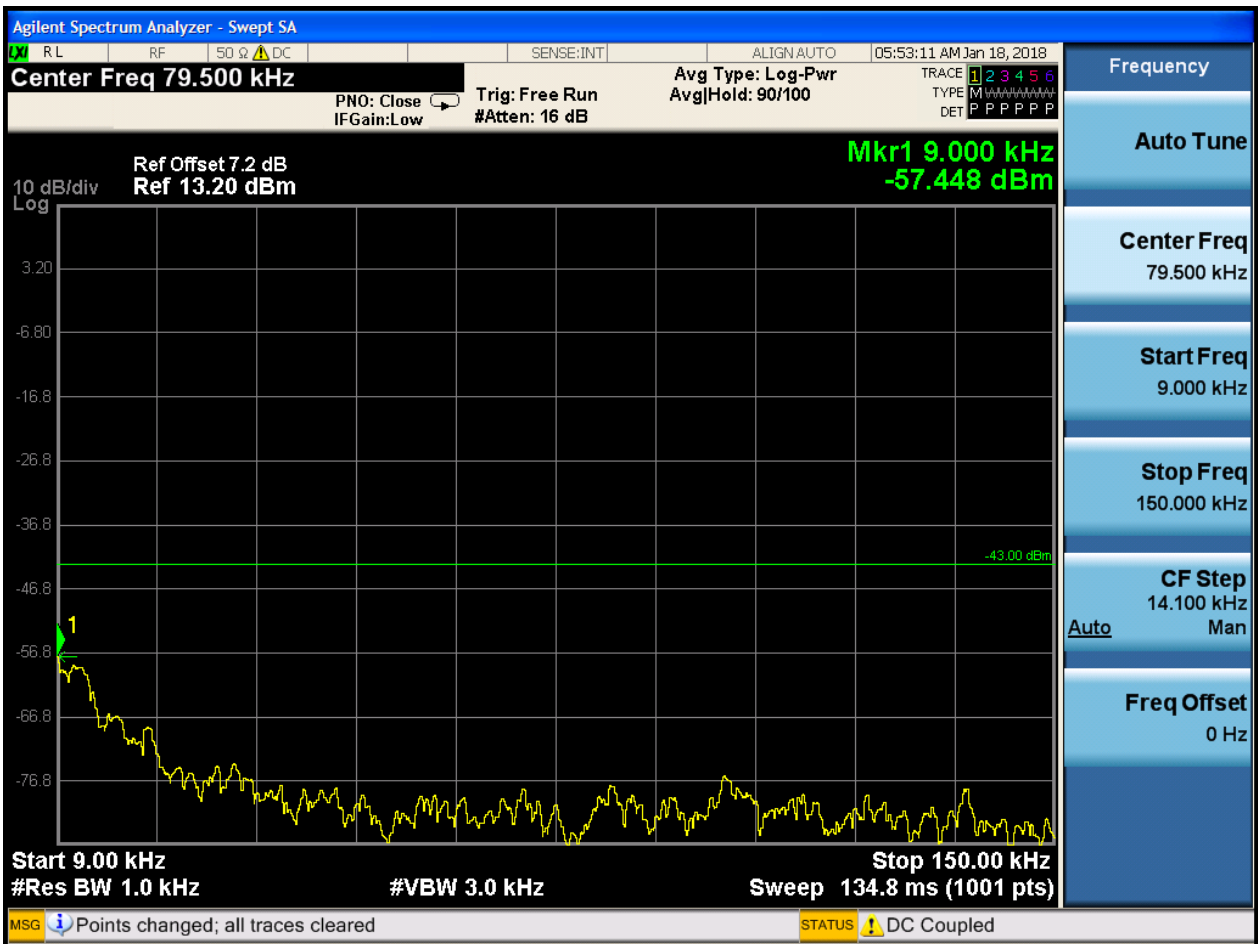


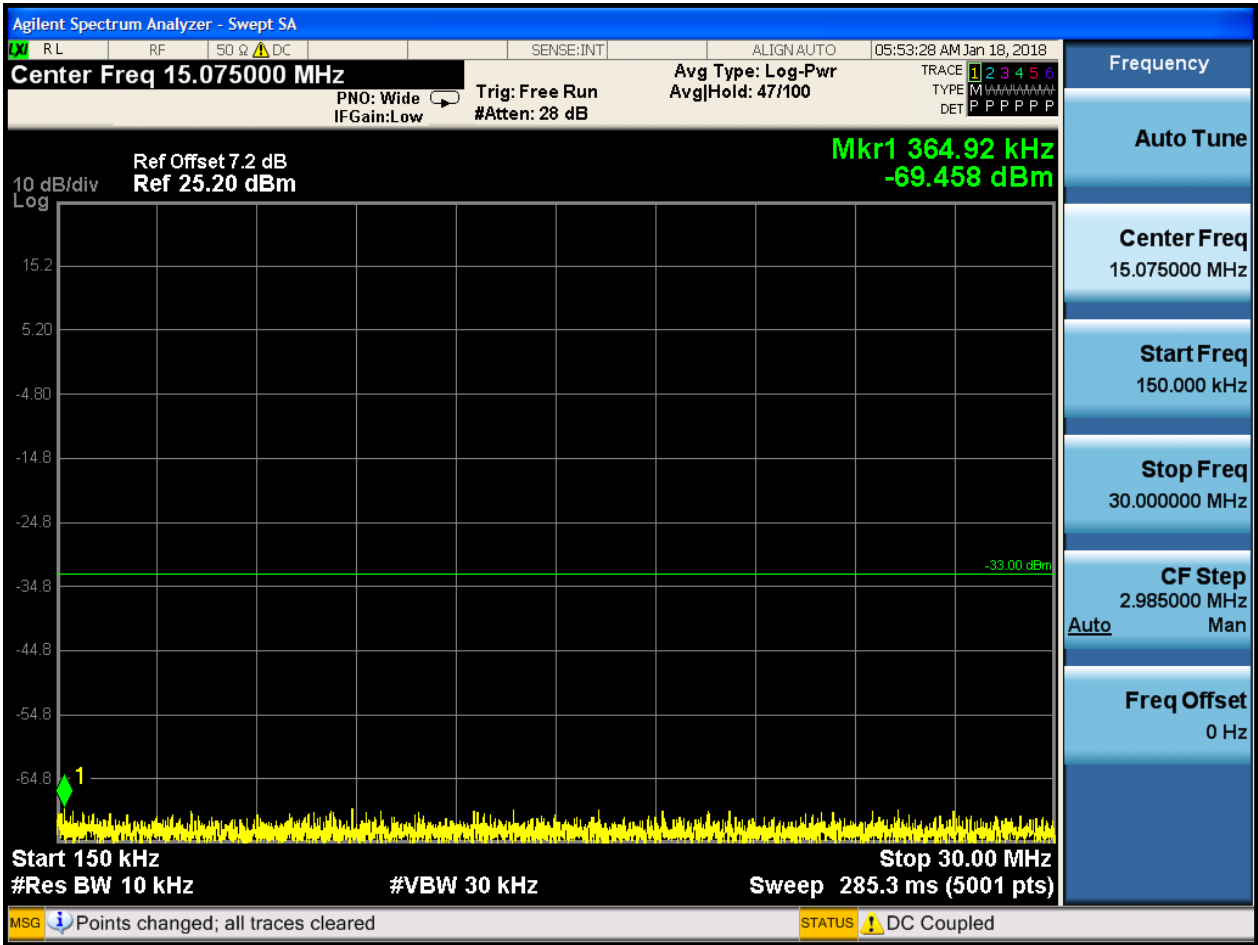


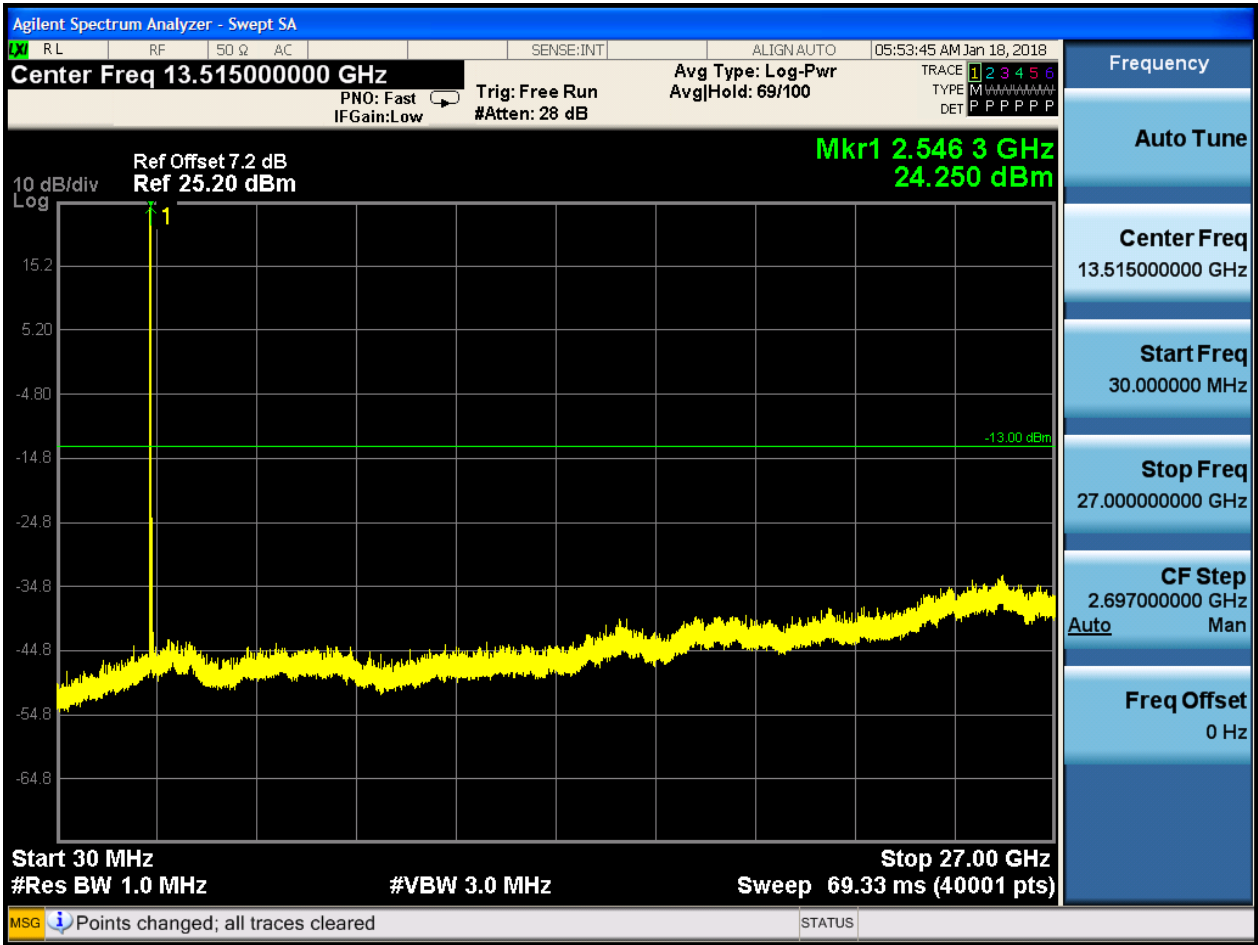
6.1.1.2.4 Test Bandwidth = 20

6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0



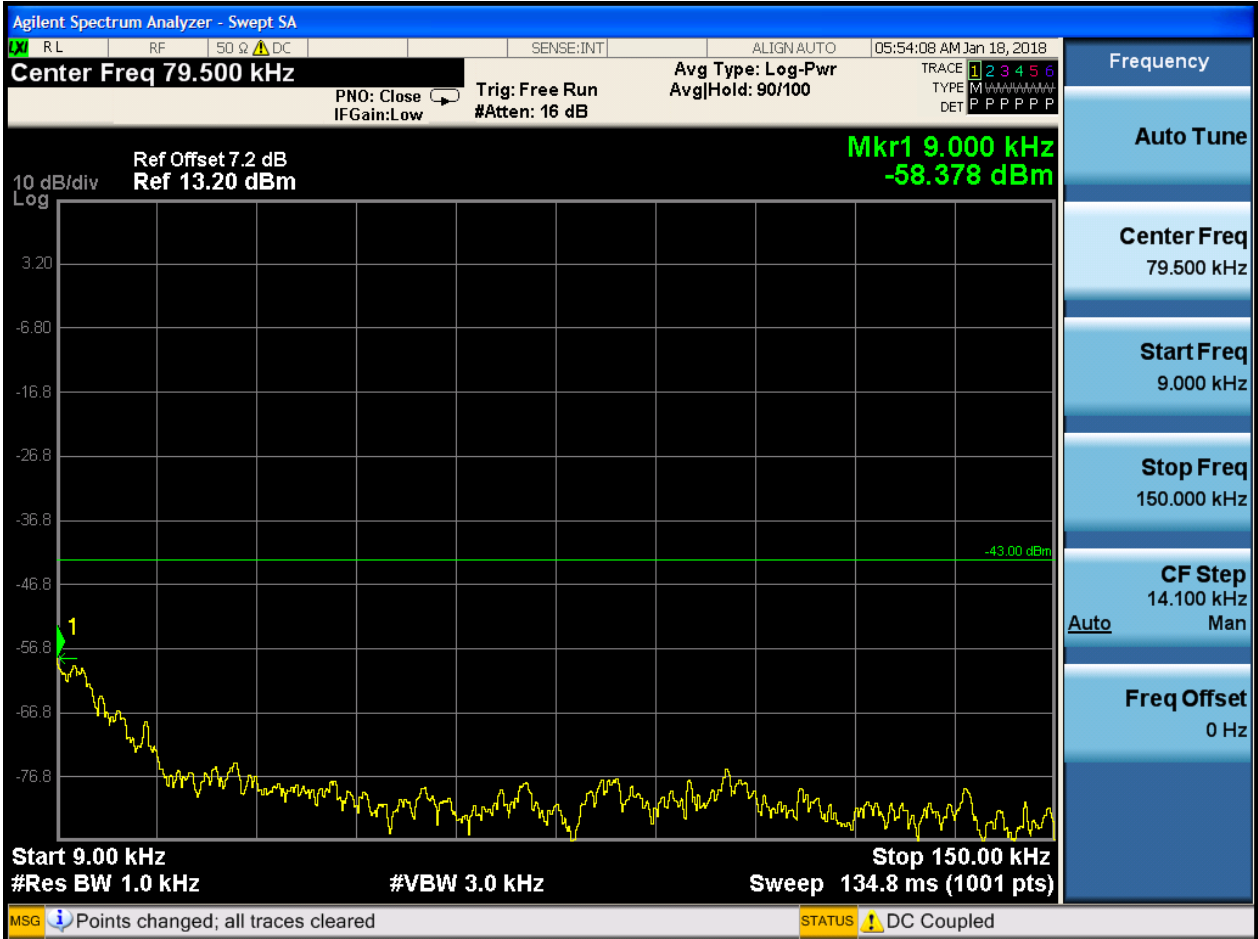


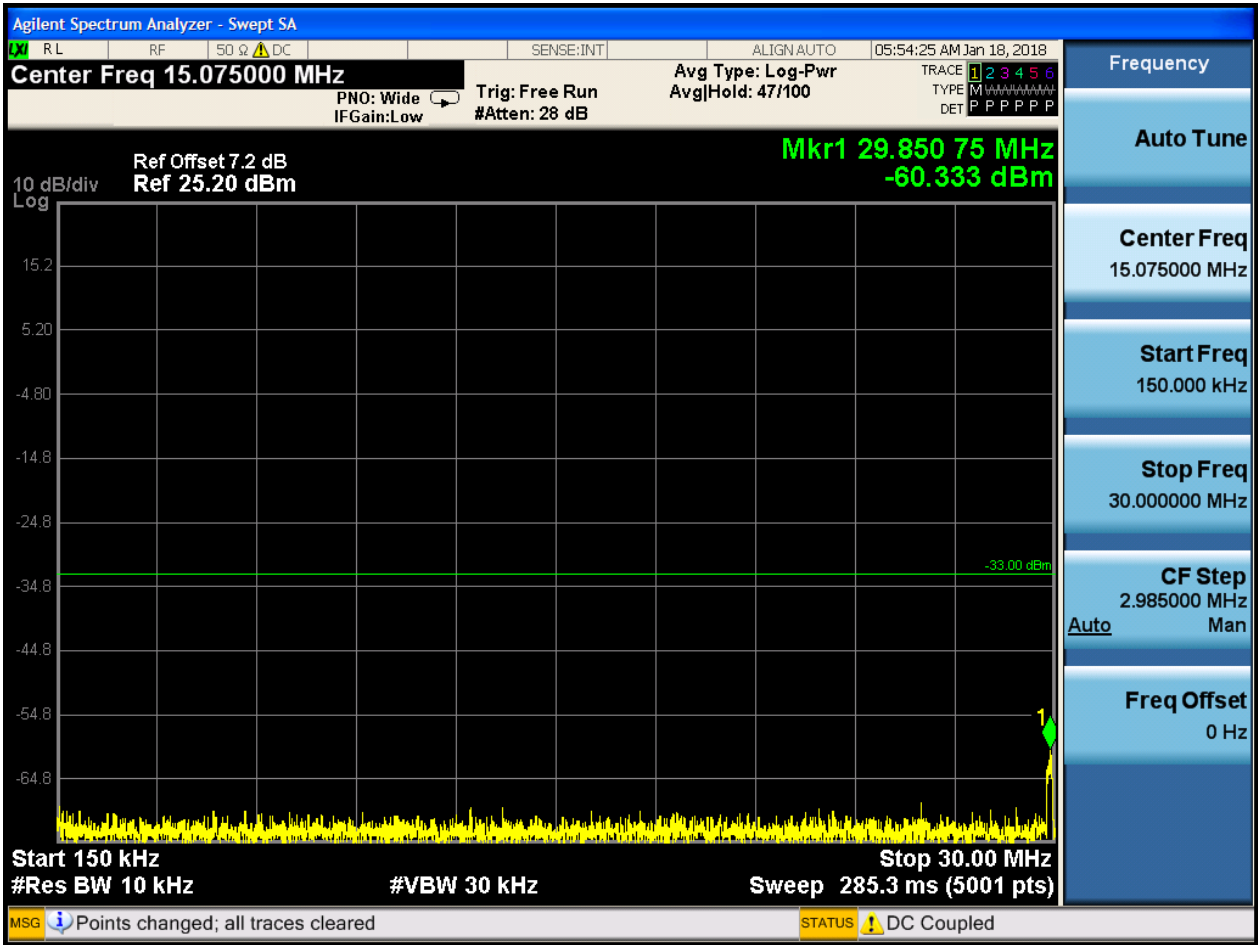


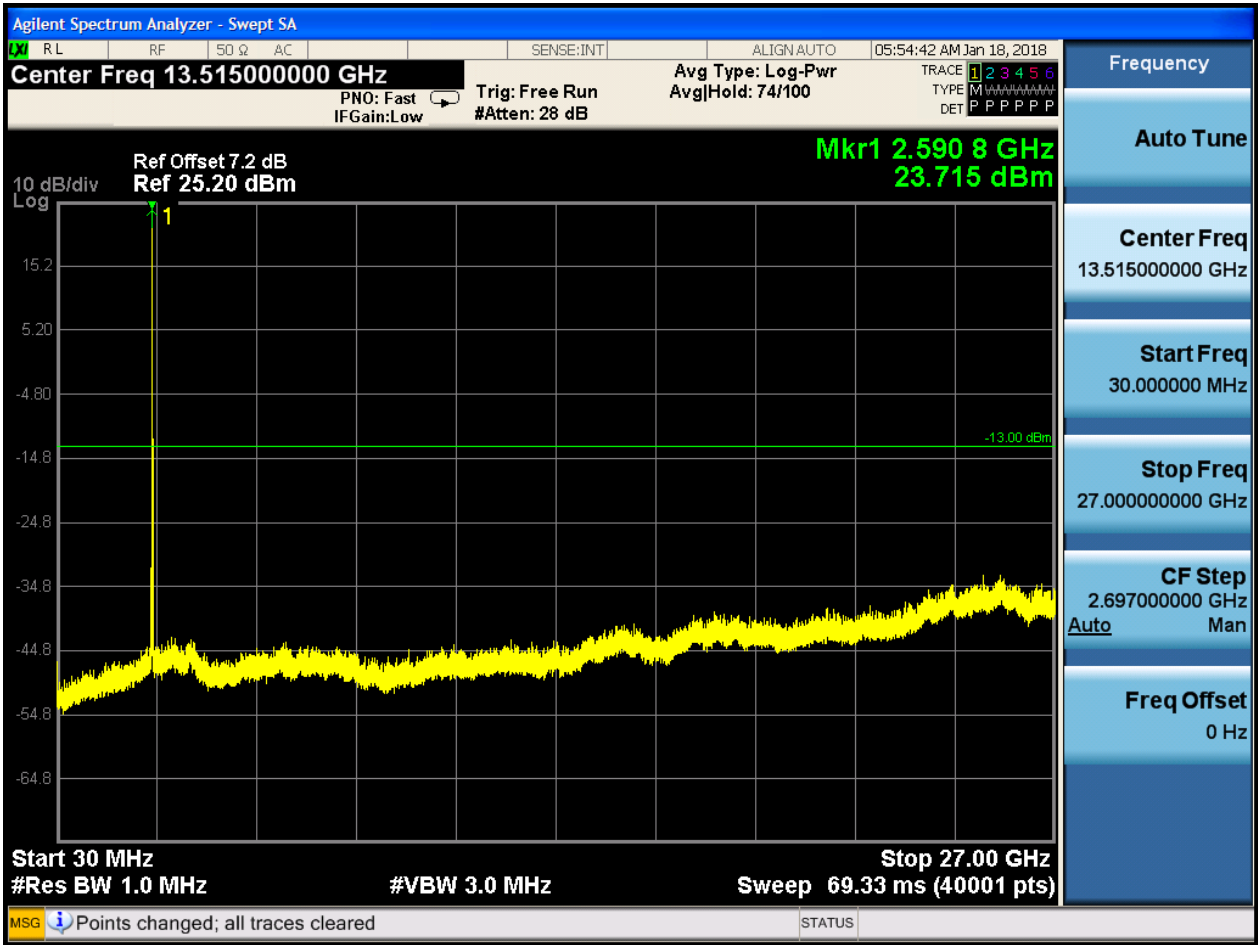


6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0



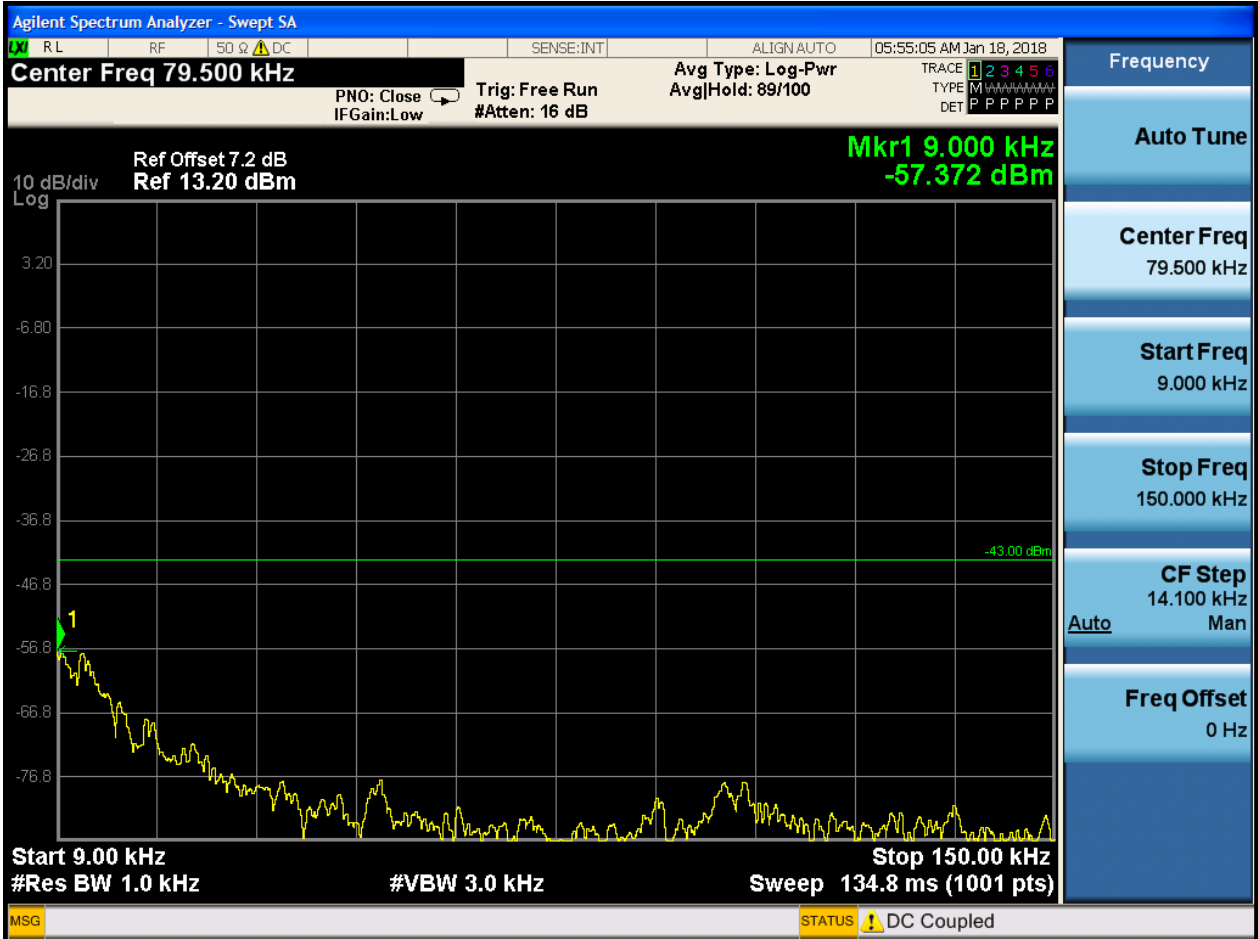


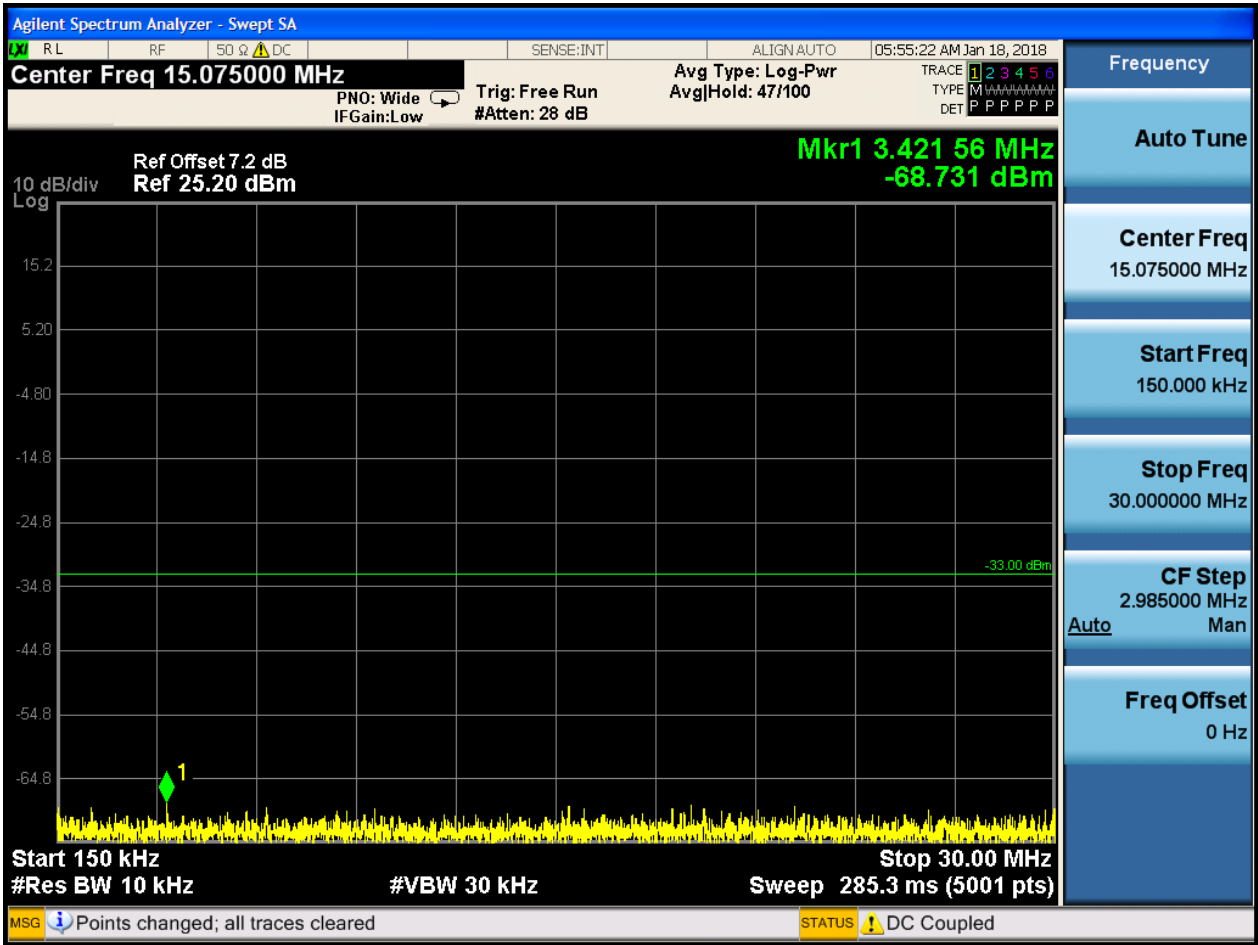




6.1.1.2.4.3 Test Channel = HCH

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

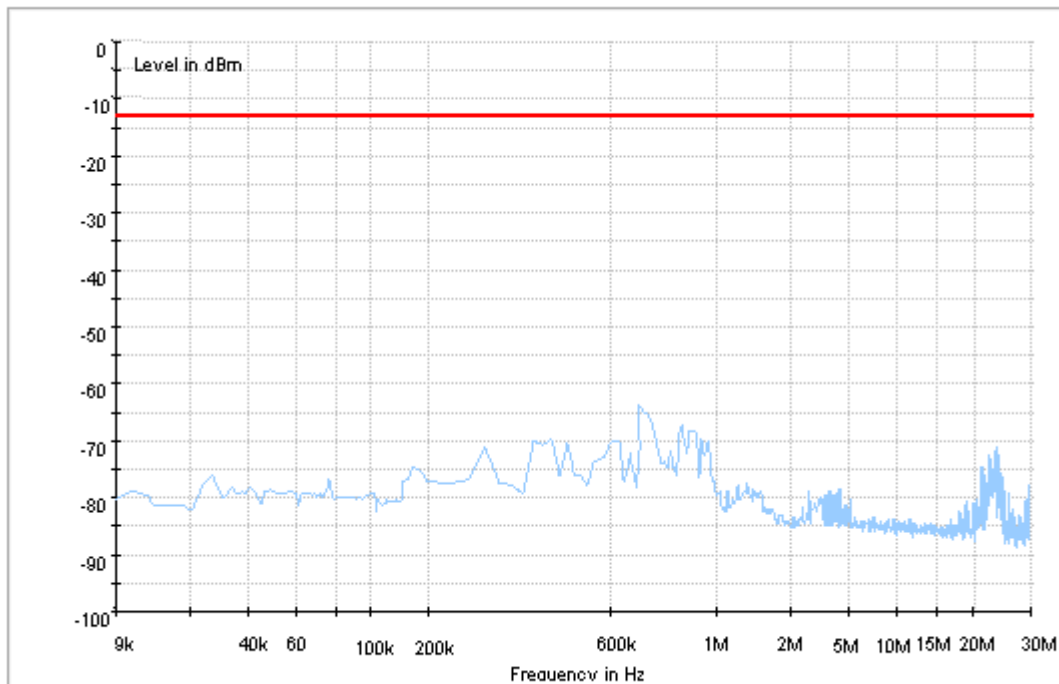
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

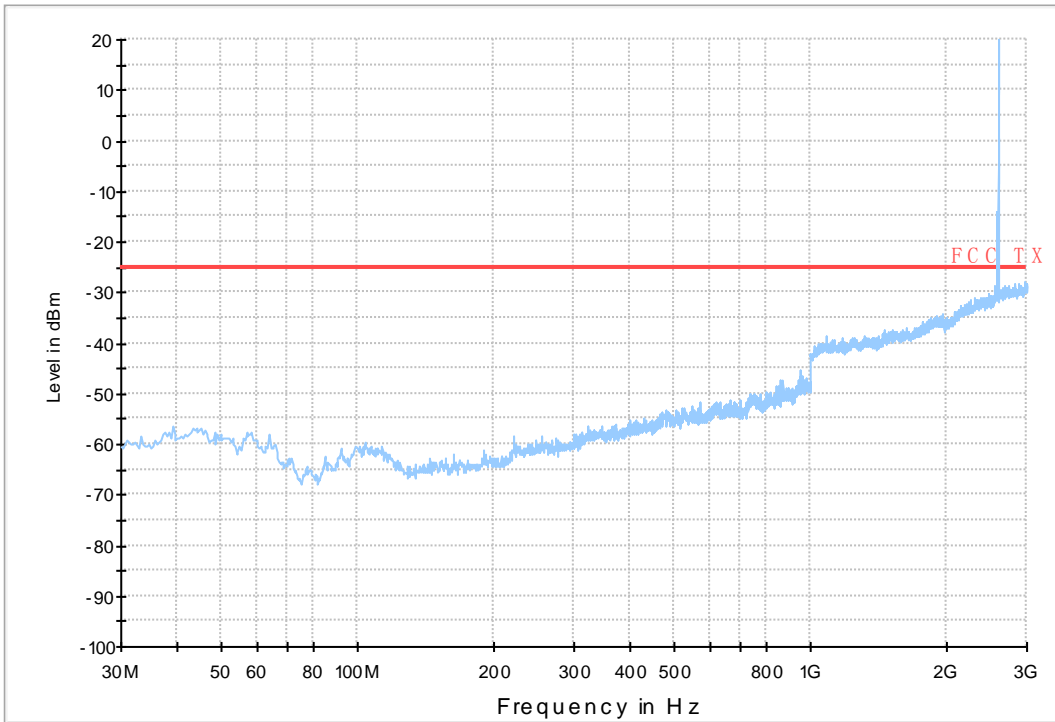
7.1 For LTE

7.1.1 Test Band = BAND41_ANT1

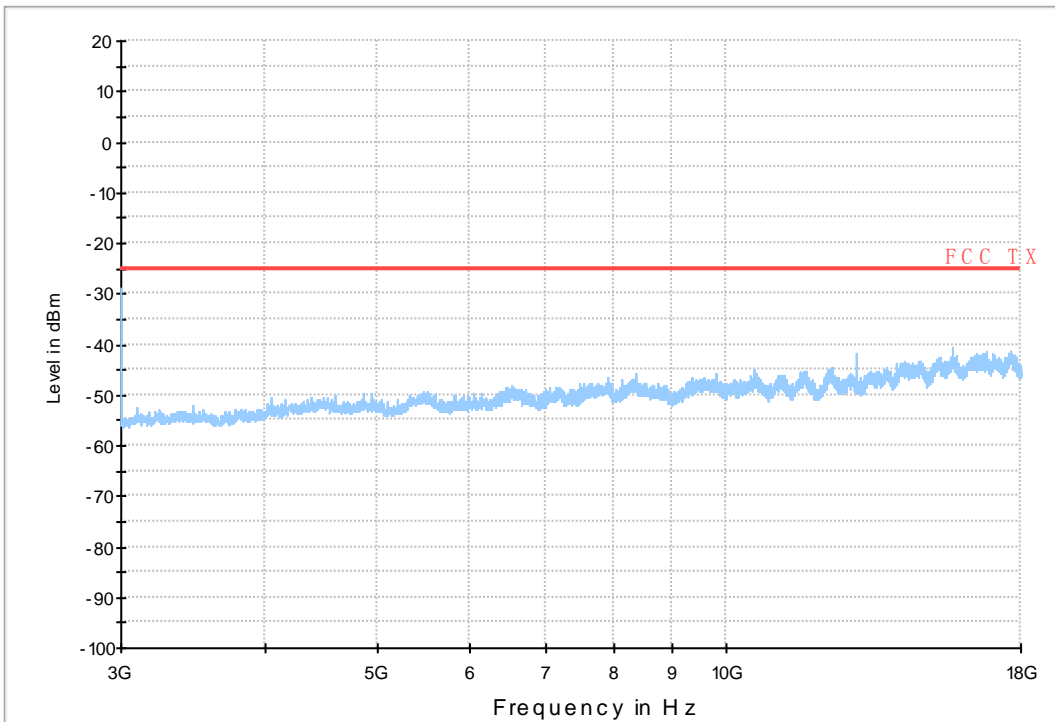
7.1.1.1 Test Bandwidth = 5

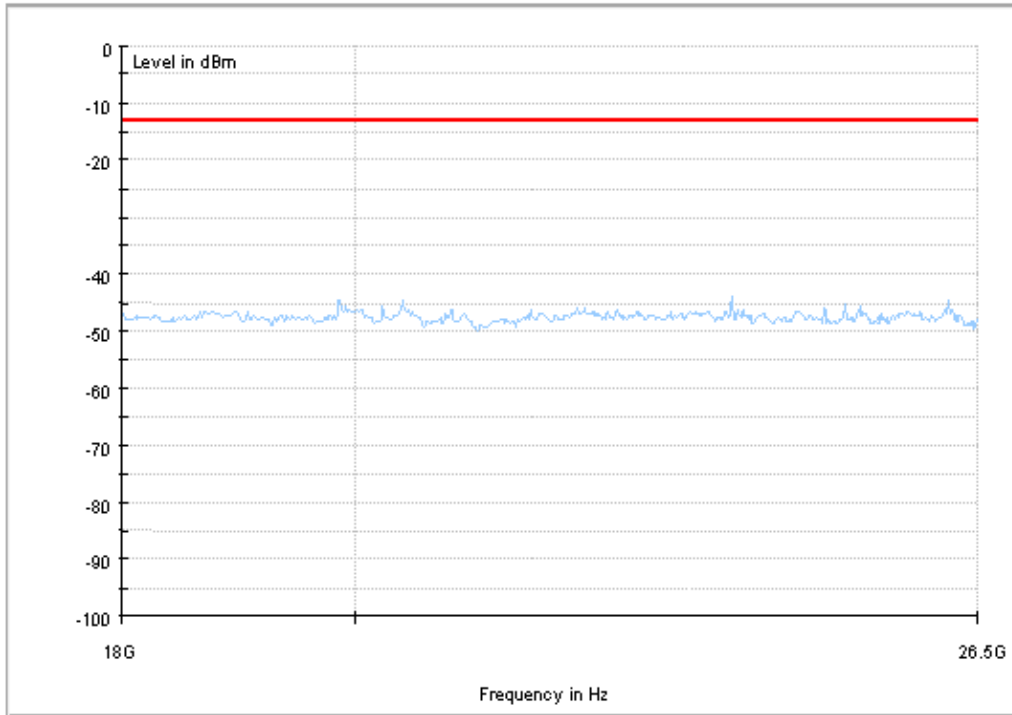


Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_L

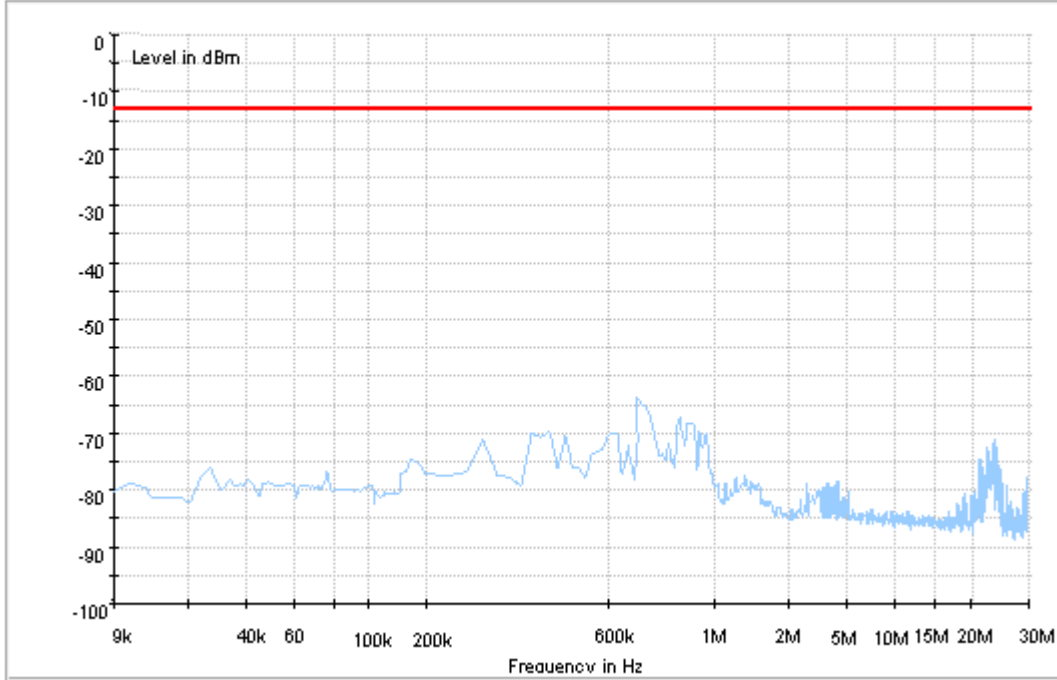


Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_H

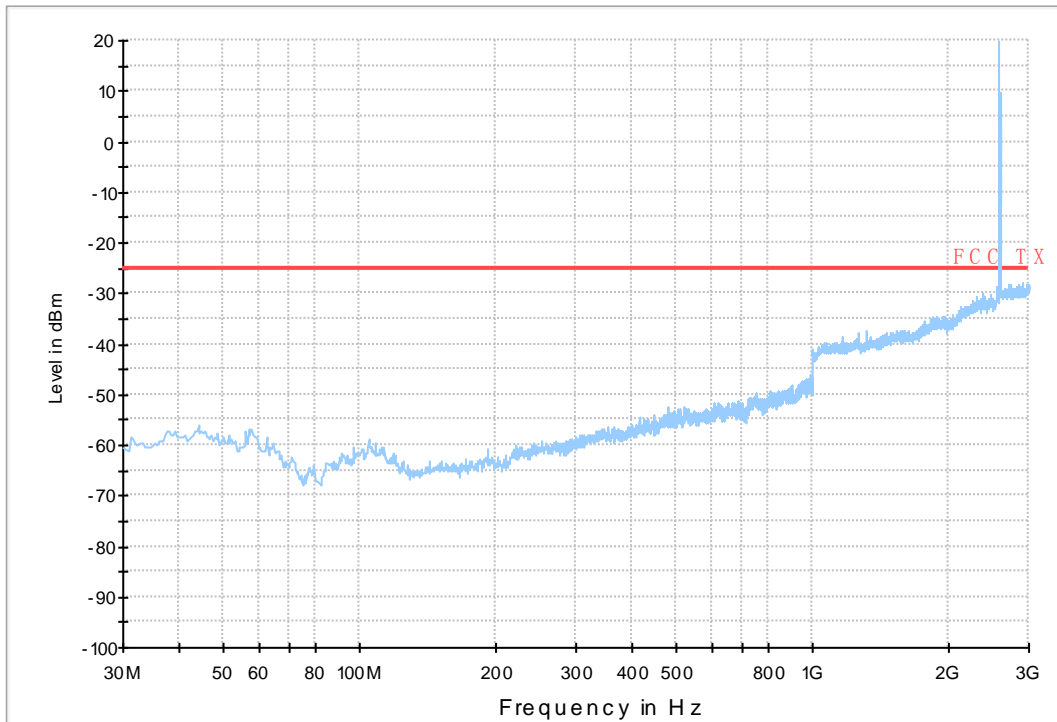




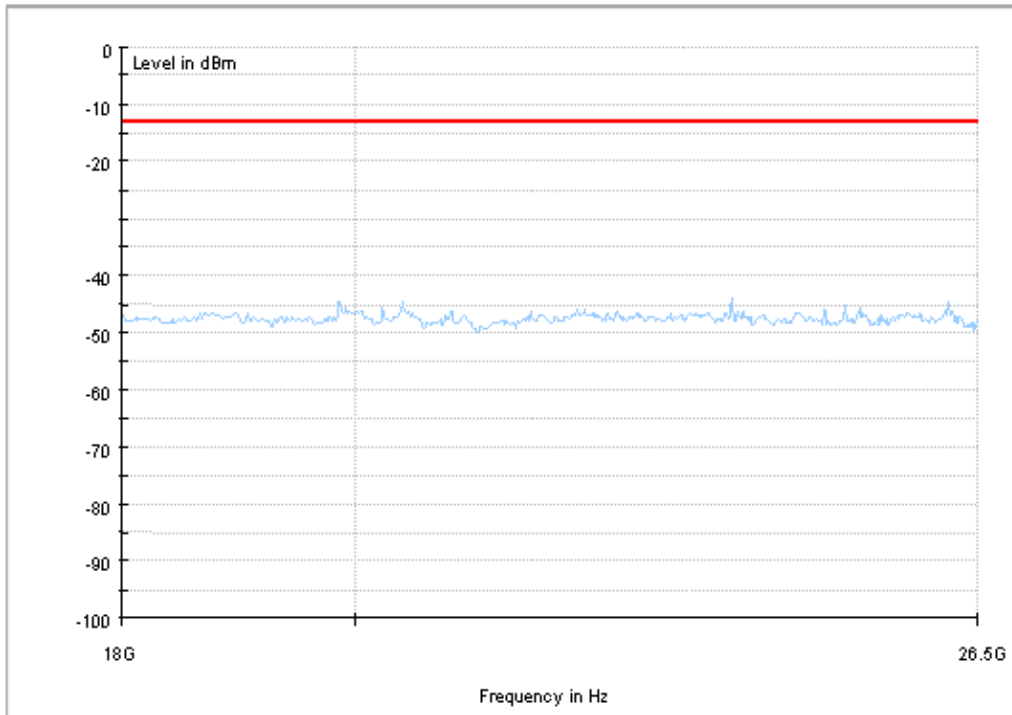
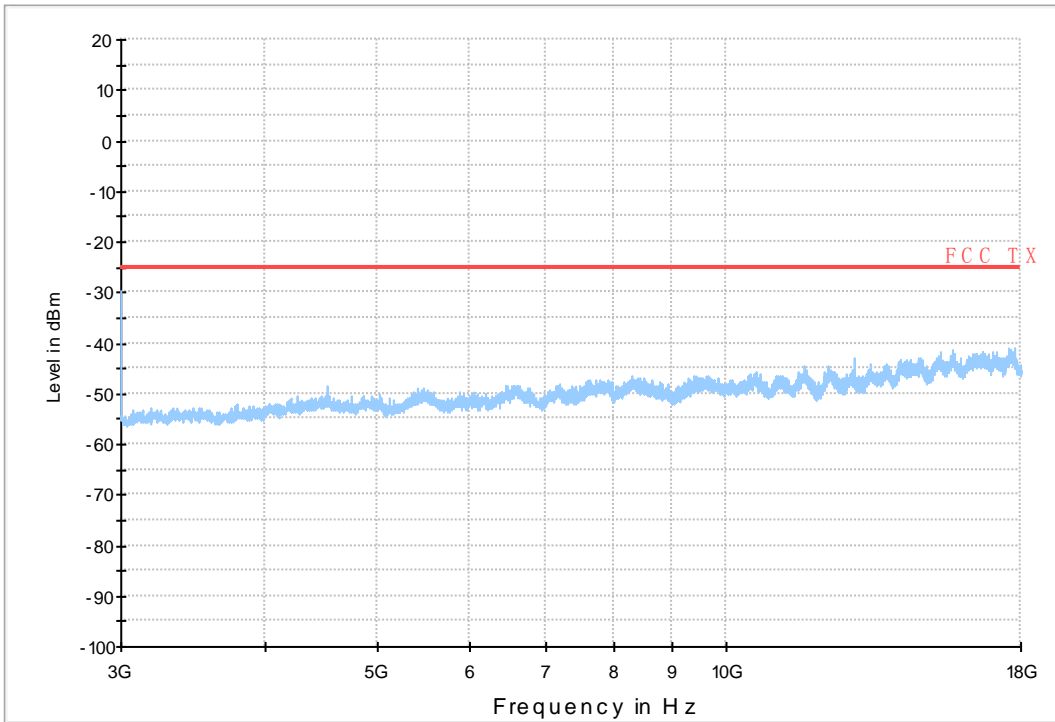
7.1.1.2 Test Bandwidth = 20



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

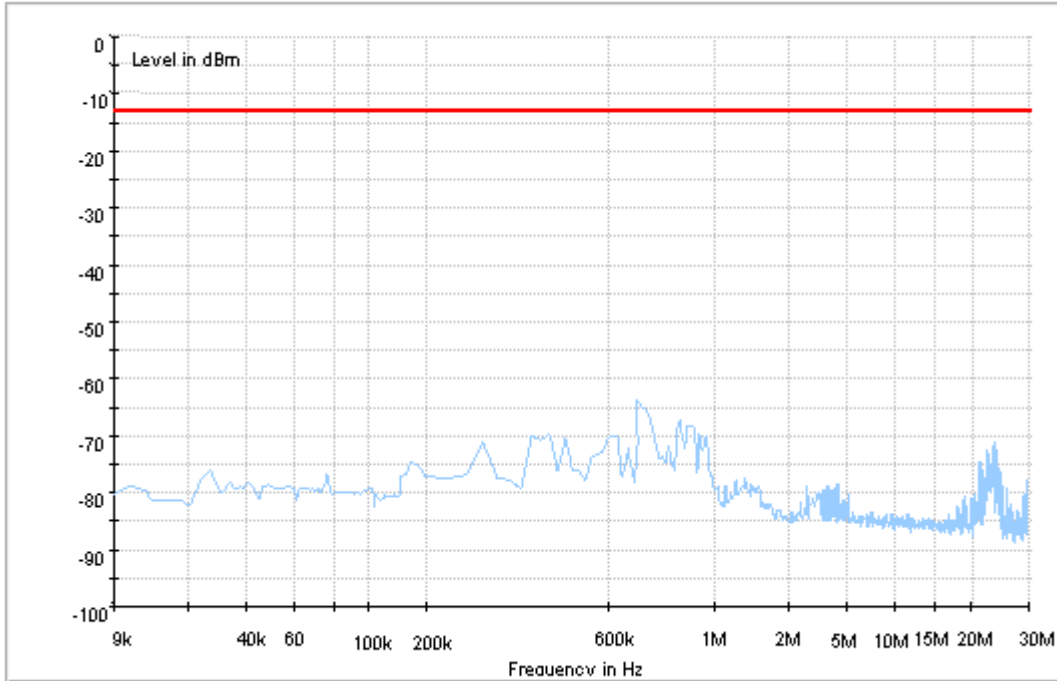


Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_H

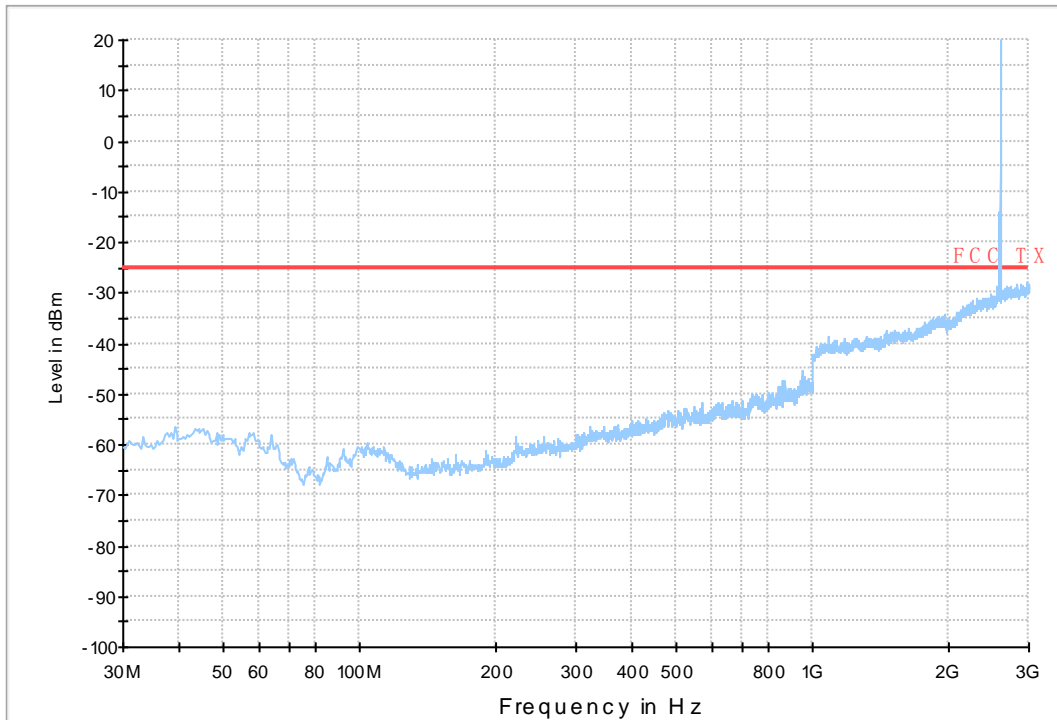


7.1.1 Test Band = BAND41_ANT2

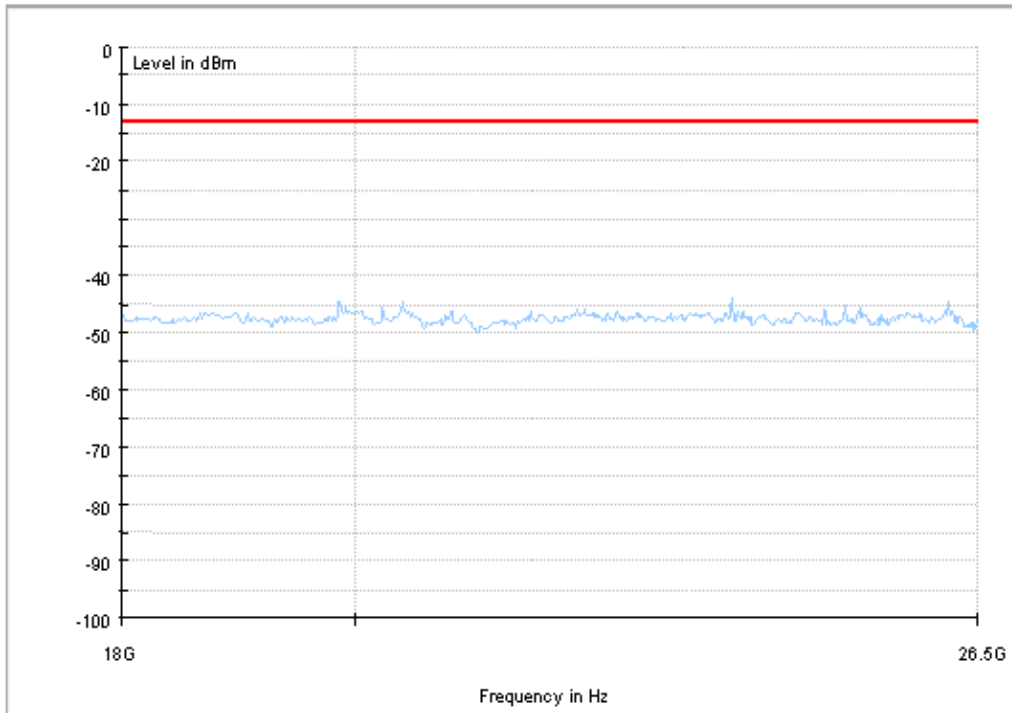
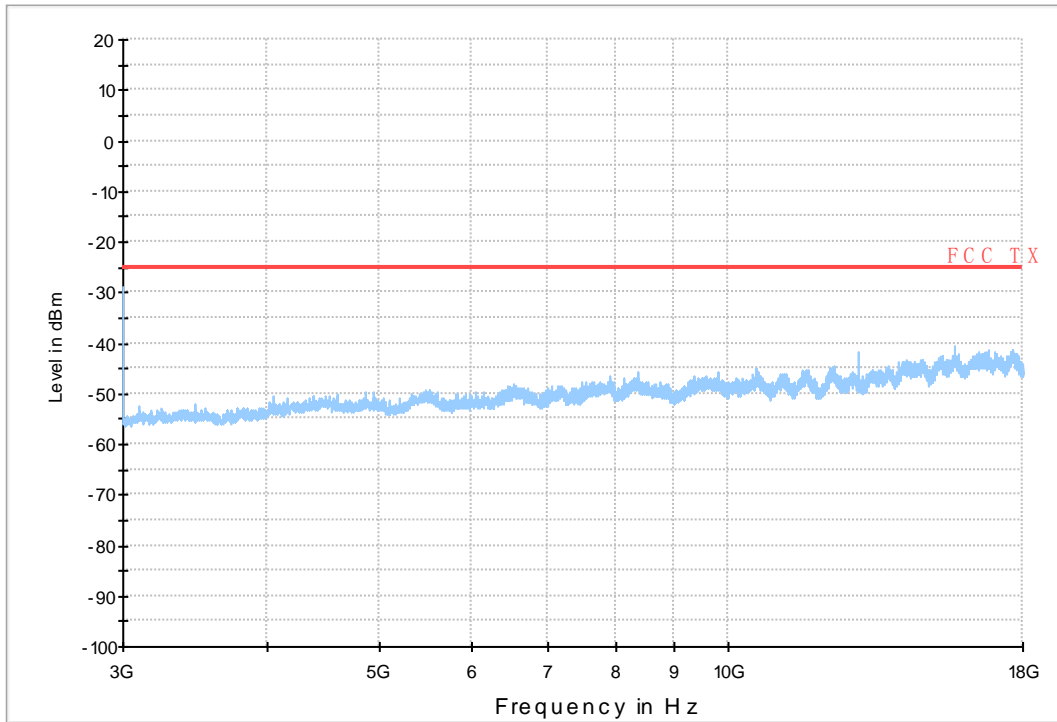
7.1.1.1 Test Bandwidth = 5



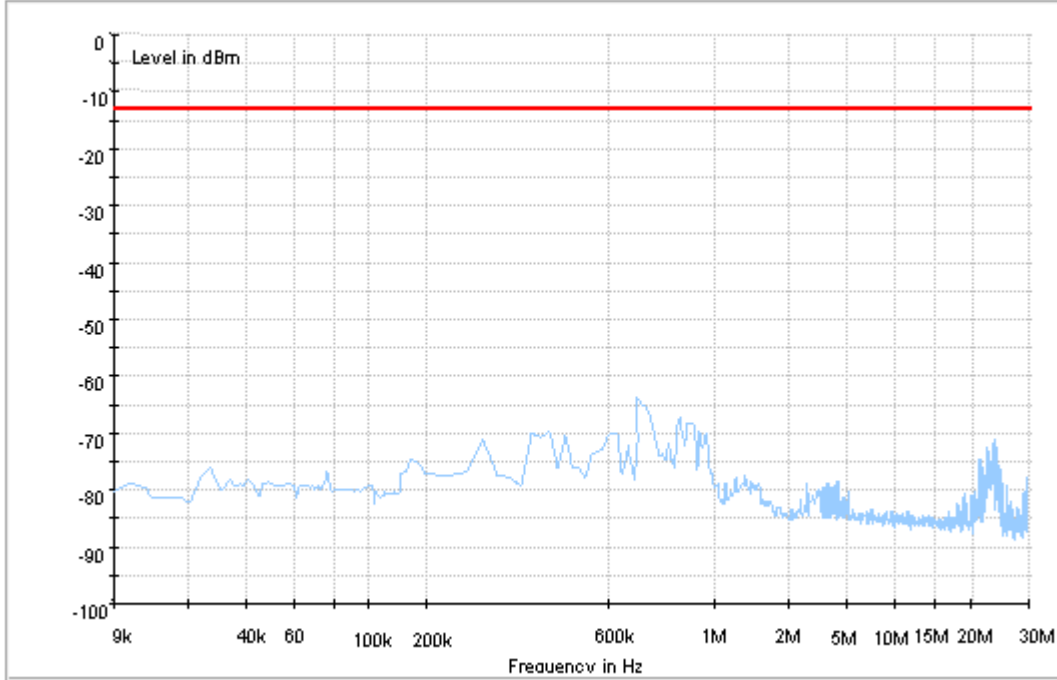
Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_L



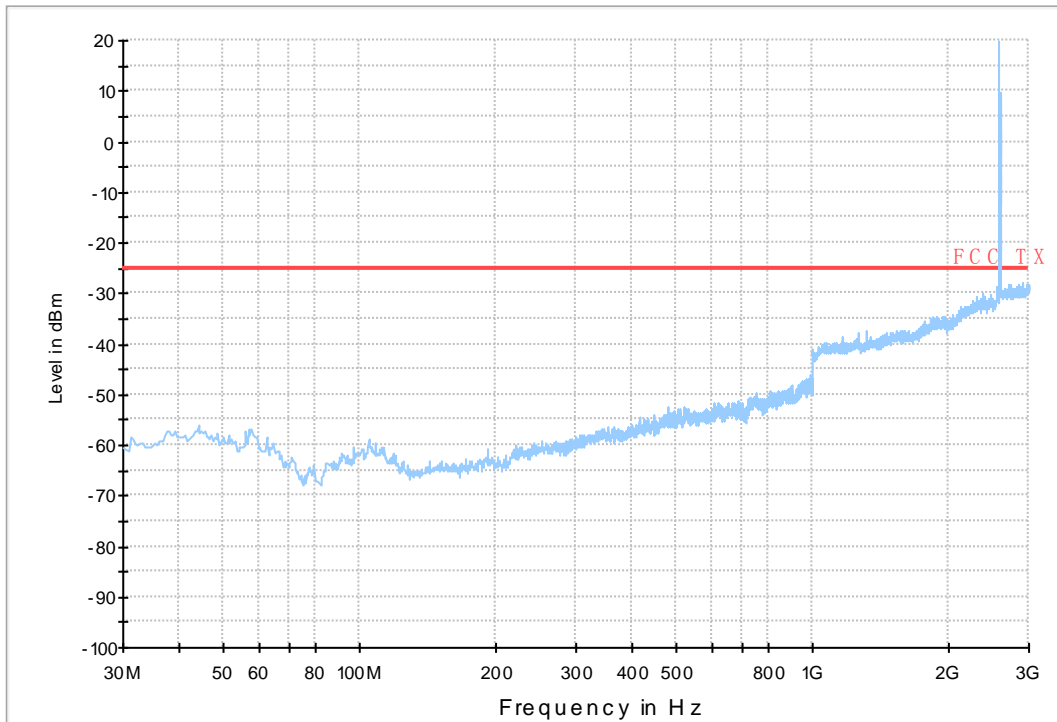
Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_H



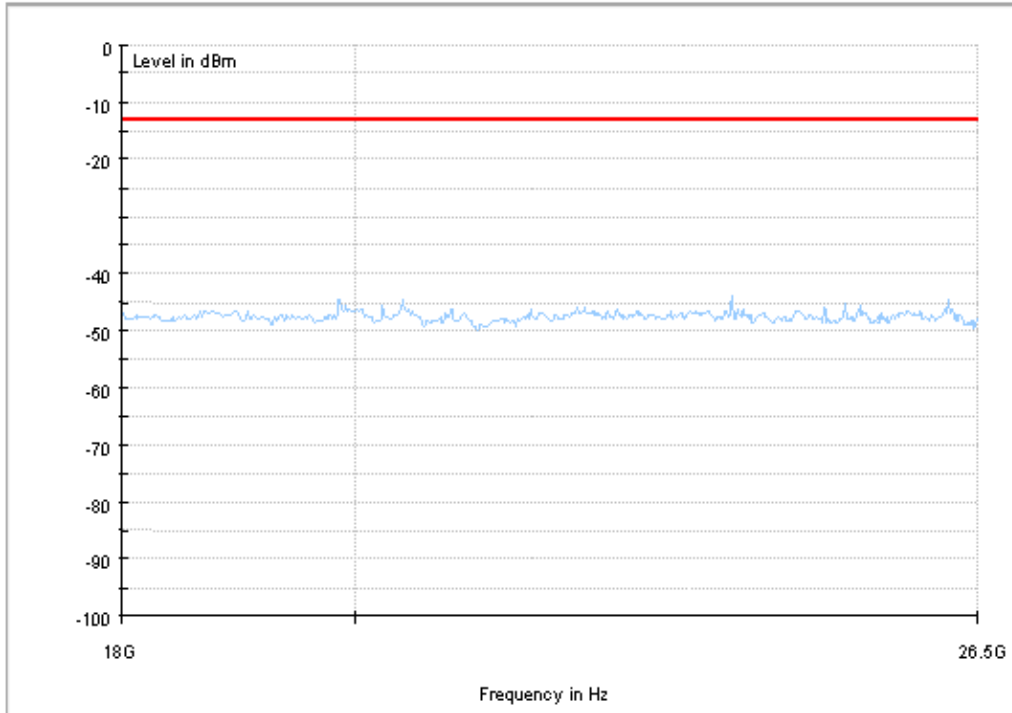
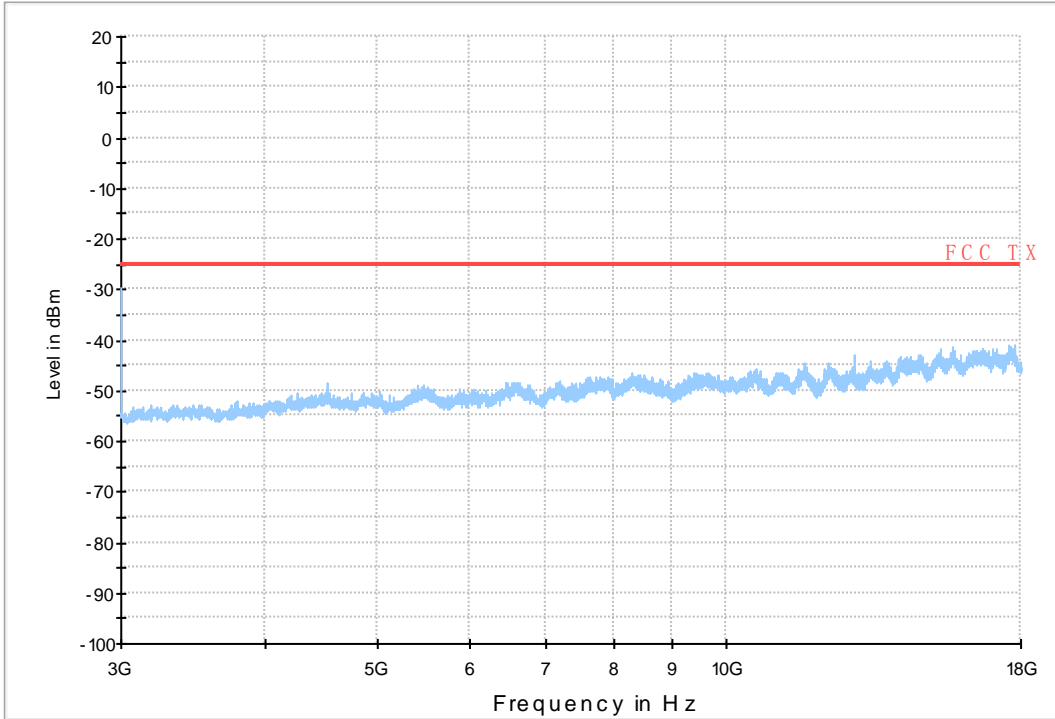
7.1.1.2 Test Bandwidth = 20



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

8.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND41	LTE/TM1	5	LCH	TN	VL	-27.79	-0.01091	PASS
					VN	-19.25	-0.00756	PASS
					VH	-21.57	-0.00847	PASS
			MCH	TN	VL	-19.91	-0.00766	PASS
					VN	-13.30	-0.00512	PASS
					VH	-17.45	-0.00671	PASS
			HCH	TN	VL	-23.86	-0.009	PASS
					VN	-22.40	-0.00844	PASS
					VH	-17.31	-0.00653	PASS
		10	LCH	TN	VL	-11.72	-0.0046	PASS
					VN	-15.61	-0.00612	PASS
					VH	-15.03	-0.00589	PASS
			MCH	TN	VL	-17.70	-0.00681	PASS
					VN	-16.99	-0.00653	PASS
					VH	-12.07	-0.00464	PASS
			HCH	TN	VL	-17.68	-0.00667	PASS
					VN	-16.35	-0.00617	PASS
					VH	-17.94	-0.00677	PASS
		15	LCH	TN	VL	-14.06	-0.00551	PASS
					VN	-14.91	-0.00584	PASS
					VH	-13.50	-0.00529	PASS
			MCH	TN	VL	-14.91	-0.00573	PASS
					VN	-15.44	-0.00594	PASS
					VH	-18.41	-0.00708	PASS
			HCH	TN	VL	-19.20	-0.00725	PASS
					VN	-17.38	-0.00656	PASS
					VH	-18.57	-0.00701	PASS
		20	LCH	TN	VL	-14.83	-0.0058	PASS
					VN	-14.61	-0.00572	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	-13.33	-0.00522	PASS	
					VL	-14.15	-0.00544	PASS	
					VN	-15.19	-0.00584	PASS	
			HCH	TN	VH	-15.61	-0.006	PASS	
					VL	-18.98	-0.00718	PASS	
					VN	-17.05	-0.00645	PASS	
		5	LCH	TN	VH	-16.85	-0.00637	PASS	
					VL	-10.20	-0.004	PASS	
					VN	-11.09	-0.00435	PASS	
			MCH	TN	VH	-13.46	-0.00528	PASS	
					VL	-11.29	-0.00434	PASS	
					VN	-12.50	-0.00481	PASS	
		HCH	TN	VH	-15.23	-0.00586	PASS		
				VL	-18.55	-0.00699	PASS		
				VN	-14.73	-0.00555	PASS		
		LTE/TM2	10	LCH	TN	VH	-16.64	-0.00627	PASS
						VL	-10.47	-0.00411	PASS
						VN	-9.98	-0.00391	PASS
	MCH			TN	VH	-11.42	-0.00448	PASS	
					VL	-13.29	-0.00511	PASS	
					VN	-16.61	-0.00639	PASS	
	HCH		TN	VH	-15.18	-0.00584	PASS		
				VL	-15.74	-0.00594	PASS		
				VN	-16.04	-0.00605	PASS		
	15		LCH	TN	VH	-17.02	-0.00642	PASS	
					VL	-11.54	-0.00452	PASS	
					VN	-15.56	-0.0061	PASS	
			MCH	TN	VH	-13.80	-0.00541	PASS	
					VL	-13.92	-0.00535	PASS	
					VN	-13.70	-0.00527	PASS	
	HCH		TN	VH	-15.12	-0.00582	PASS		
				VL	-18.05	-0.00682	PASS		
				VN	-17.24	-0.00651	PASS		
	20	LCH	TN	VH	-16.61	-0.00627	PASS		
				VL	-13.55	-0.0053	PASS		
				VN	-12.29	-0.00481	PASS		
		MCH	TN	VH	-13.06	-0.00511	PASS		
				VL	-17.02	-0.00655	PASS		
				VN	-15.22	-0.00585	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	-13.90	-0.00535	PASS
			HCH	TN	VL	-16.26	-0.00615	PASS
					VN	-17.64	-0.00667	PASS
					VH	-15.28	-0.00578	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
BAND41	LTE/TM1	5	LCH	VN	-30	-12.00	-0.00471	PASS
					-20	-13.49	-0.0053	PASS
					-10	-14.63	-0.00574	PASS
					0	-16.44	-0.00645	PASS
					10	-14.25	-0.00559	PASS
					20	-13.80	-0.00542	PASS
					30	-14.82	-0.00582	PASS
					40	-11.13	-0.00437	PASS
			50	-11.89	-0.00467	PASS		
			MCH	VN	-30	-17.11	-0.00658	PASS
					-20	-11.89	-0.00457	PASS
					-10	-15.88	-0.00611	PASS
					0	-17.50	-0.00673	PASS
					10	-19.41	-0.00747	PASS
					20	-12.13	-0.00467	PASS
					30	-14.25	-0.00548	PASS
					40	-11.06	-0.00425	PASS
			50	-11.17	-0.0043	PASS		
			HCH	VN	-30	-19.50	-0.00735	PASS
					-20	-16.45	-0.0062	PASS
					-10	-14.12	-0.00532	PASS
					0	-17.84	-0.00673	PASS
					10	-15.88	-0.00599	PASS
					20	-16.62	-0.00627	PASS
		30			-15.22	-0.00574	PASS	
		40			-15.11	-0.0057	PASS	
		50	-17.34	-0.00654	PASS			
		10	LCH	VN	-30	-12.04	-0.00472	PASS
					-20	-15.25	-0.00598	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-10	-12.82	-0.00503	PASS		
					0	-11.94	-0.00468	PASS		
					10	-14.41	-0.00565	PASS		
					20	-11.59	-0.00455	PASS		
					30	-12.96	-0.00508	PASS		
					40	-11.20	-0.00439	PASS		
					50	-12.43	-0.00487	PASS		
			MCH	VN	-30	-15.85	-0.0061	PASS		
					-20	-11.66	-0.00448	PASS		
					-10	-18.51	-0.00712	PASS		
					0	-13.93	-0.00536	PASS		
					10	-13.07	-0.00503	PASS		
					20	-15.28	-0.00588	PASS		
					30	-14.29	-0.0055	PASS		
			HCH	VN	40	-15.74	-0.00605	PASS		
					50	-14.49	-0.00557	PASS		
					-30	-15.72	-0.00593	PASS		
					-20	-14.62	-0.00552	PASS		
					-10	-18.53	-0.00699	PASS		
					0	-17.71	-0.00668	PASS		
					10	-15.06	-0.00568	PASS		
			LCH	VN	20	-15.38	-0.0058	PASS		
					30	-16.42	-0.0062	PASS		
					40	-15.65	-0.00591	PASS		
		50			-15.65	-0.00591	PASS			
		-30			-11.94	-0.00468	PASS			
		-20			-11.83	-0.00463	PASS			
		-10			-11.52	-0.00451	PASS			
		MCH	VN	0	-13.66	-0.00535	PASS			
				10	-15.15	-0.00594	PASS			
				20	-14.02	-0.00549	PASS			
				30	-11.36	-0.00445	PASS			
				40	-13.75	-0.00539	PASS			
				50	-12.93	-0.00507	PASS			
				-30	-16.51	-0.00635	PASS			
				15	MCH	VN	-20	-13.79	-0.0053	PASS
							-10	-13.28	-0.00511	PASS
							0	-14.85	-0.00571	PASS
							10	-13.68	-0.00526	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					20	-13.89	-0.00534	PASS		
					30	-14.76	-0.00568	PASS		
					40	-16.12	-0.0062	PASS		
					50	-14.72	-0.00566	PASS		
			HCH	VN	-30	-16.67	-0.0063	PASS		
					-20	-15.66	-0.00592	PASS		
					-10	-19.60	-0.0074	PASS		
					0	-15.85	-0.00599	PASS		
					10	-14.86	-0.00561	PASS		
					20	-16.88	-0.00638	PASS		
					30	-16.11	-0.00608	PASS		
					40	-12.50	-0.00472	PASS		
			50	-16.25	-0.00614	PASS				
			LCH	VN	-30	-11.90	-0.00466	PASS		
					-20	-12.02	-0.0047	PASS		
					-10	-12.47	-0.00488	PASS		
		0			-11.36	-0.00445	PASS			
		10			-12.20	-0.00477	PASS			
		20			-11.92	-0.00467	PASS			
		30			-11.14	-0.00436	PASS			
		40			-13.23	-0.00518	PASS			
		50	-12.62	-0.00494	PASS					
		MCH	VN	-30	-13.65	-0.00525	PASS			
				-20	-13.48	-0.00518	PASS			
				-10	-14.92	-0.00574	PASS			
				0	-13.00	-0.005	PASS			
				10	-13.76	-0.00529	PASS			
				20	-14.86	-0.00572	PASS			
				30	-14.39	-0.00553	PASS			
				40	-14.82	-0.0057	PASS			
		50	-16.39	-0.0063	PASS					
		HCH	VN	-30	-17.70	-0.00669	PASS			
-20	-15.79			-0.00597	PASS					
-10	-19.34			-0.00731	PASS					
0	-17.67			-0.00668	PASS					
10	-15.08			-0.0057	PASS					
20	-15.72			-0.00594	PASS					
30	-16.06			-0.00607	PASS					
40	-17.31			-0.00654	PASS					
20					-30	-11.90	-0.00466	PASS		
					-20	-12.02	-0.0047	PASS		
					-10	-12.47	-0.00488	PASS		
					0	-11.36	-0.00445	PASS		
					10	-12.20	-0.00477	PASS		
					20	-11.92	-0.00467	PASS		
					30	-11.14	-0.00436	PASS		
					40	-13.23	-0.00518	PASS		
		50	-12.62	-0.00494	PASS					
							-30	-13.65	-0.00525	PASS
							-20	-13.48	-0.00518	PASS
							-10	-14.92	-0.00574	PASS
							0	-13.00	-0.005	PASS
							10	-13.76	-0.00529	PASS
							20	-14.86	-0.00572	PASS
							30	-14.39	-0.00553	PASS
40	-14.82						-0.0057	PASS		
50	-16.39	-0.0063	PASS							
					-30	-17.70	-0.00669	PASS		
					-20	-15.79	-0.00597	PASS		
					-10	-19.34	-0.00731	PASS		
					0	-17.67	-0.00668	PASS		
					10	-15.08	-0.0057	PASS		
					20	-15.72	-0.00594	PASS		
					30	-16.06	-0.00607	PASS		
					40	-17.31	-0.00654	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	-15.02	-0.00568	PASS
					-30	-9.86	-0.00387	PASS
					-20	-9.57	-0.00376	PASS
					-10	-7.65	-0.003	PASS
					0	-10.96	-0.0043	PASS
					10	-13.76	-0.0054	PASS
					20	-10.10	-0.00396	PASS
					30	-10.30	-0.00404	PASS
					40	-9.88	-0.00388	PASS
			50	-9.31	-0.00365	PASS		
			MCH	VN	-30	-23.69	-0.00911	PASS
					-20	-13.10	-0.00504	PASS
					-10	-14.25	-0.00548	PASS
					0	-11.39	-0.00438	PASS
					10	-13.23	-0.00509	PASS
					20	-15.58	-0.00599	PASS
					30	-14.38	-0.00553	PASS
					40	-11.46	-0.00441	PASS
					50	-11.59	-0.00446	PASS
			HCH	VN	-30	-15.28	-0.00576	PASS
					-20	-14.02	-0.00529	PASS
					-10	-15.45	-0.00582	PASS
					0	-13.92	-0.00525	PASS
					10	-17.90	-0.00675	PASS
		20			-13.32	-0.00502	PASS	
		30			-14.20	-0.00535	PASS	
		40			-13.65	-0.00515	PASS	
		50			-13.29	-0.00501	PASS	
		10	LCH	VN	-30	-11.54	-0.00453	PASS
					-20	-11.84	-0.00464	PASS
					-10	-13.96	-0.00547	PASS
					0	-13.85	-0.00543	PASS
					10	-12.26	-0.00481	PASS
					20	-13.10	-0.00514	PASS
					30	-12.60	-0.00494	PASS
					40	-9.30	-0.00365	PASS
					50	-11.49	-0.00451	PASS
			MCH	VN	-30	-11.84	-0.00455	PASS
					-20	-12.50	-0.00481	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-14.45	-0.00556	PASS
					0	-15.96	-0.00614	PASS
					10	-12.66	-0.00487	PASS
					20	-15.85	-0.0061	PASS
					30	-15.98	-0.00615	PASS
					40	-16.31	-0.00627	PASS
					50	-15.84	-0.00609	PASS
			HCH	VN	-30	-15.62	-0.00589	PASS
					-20	-15.99	-0.00603	PASS
					-10	-15.76	-0.00595	PASS
					0	-13.98	-0.00528	PASS
					10	-13.92	-0.00525	PASS
					20	-12.42	-0.00469	PASS
					30	-17.97	-0.00678	PASS
		15	LCH	VN	-30	-11.74	-0.0046	PASS
					-20	-12.57	-0.00492	PASS
					-10	-11.99	-0.0047	PASS
					0	-11.69	-0.00458	PASS
					10	-14.81	-0.0058	PASS
					20	-12.32	-0.00483	PASS
					30	-10.89	-0.00427	PASS
			MCH	VN	-30	-15.08	-0.0058	PASS
					-20	-14.43	-0.00555	PASS
					-10	-14.73	-0.00567	PASS
					0	-15.16	-0.00583	PASS
					10	-15.02	-0.00578	PASS
					20	-13.76	-0.00529	PASS
					30	-14.62	-0.00562	PASS
		HCH	VN	-30	-17.05	-0.00644	PASS	
				-20	-15.96	-0.00603	PASS	
				-10	-16.35	-0.00618	PASS	
				0	-15.31	-0.00578	PASS	
				10	-15.31	-0.00578	PASS	
				50	-13.09	-0.00503	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					20	-14.08	-0.00532	PASS		
					30	-14.43	-0.00545	PASS		
					40	-15.91	-0.00601	PASS		
					50	-14.22	-0.00537	PASS		
		20	LCH	VN	-30	-7.91	-0.0031	PASS		
					-20	-8.61	-0.00337	PASS		
					-10	-9.57	-0.00375	PASS		
					0	-8.84	-0.00346	PASS		
					10	-9.94	-0.00389	PASS		
					20	-8.38	-0.00328	PASS		
					30	-11.07	-0.00433	PASS		
					40	-10.34	-0.00405	PASS		
					50	-11.79	-0.00461	PASS		
					MCH	VN	-30	-13.40	-0.00515	PASS
							-20	-12.76	-0.00491	PASS
							-10	-14.13	-0.00543	PASS
		0	-12.73	-0.0049			PASS			
		10	-16.62	-0.00639			PASS			
		20	-15.35	-0.0059			PASS			
		30	-16.14	-0.00621			PASS			
		40	-16.18	-0.00622			PASS			
		HCH	VN	-30	-18.18	-0.00687	PASS			
				-20	-16.15	-0.00611	PASS			
				-10	-16.75	-0.00633	PASS			
				0	-16.84	-0.00637	PASS			
				10	-16.39	-0.0062	PASS			
				20	-15.34	-0.0058	PASS			
				30	-14.33	-0.00542	PASS			
				40	-14.09	-0.00533	PASS			
		50	-14.88	-0.00563	PASS					

END