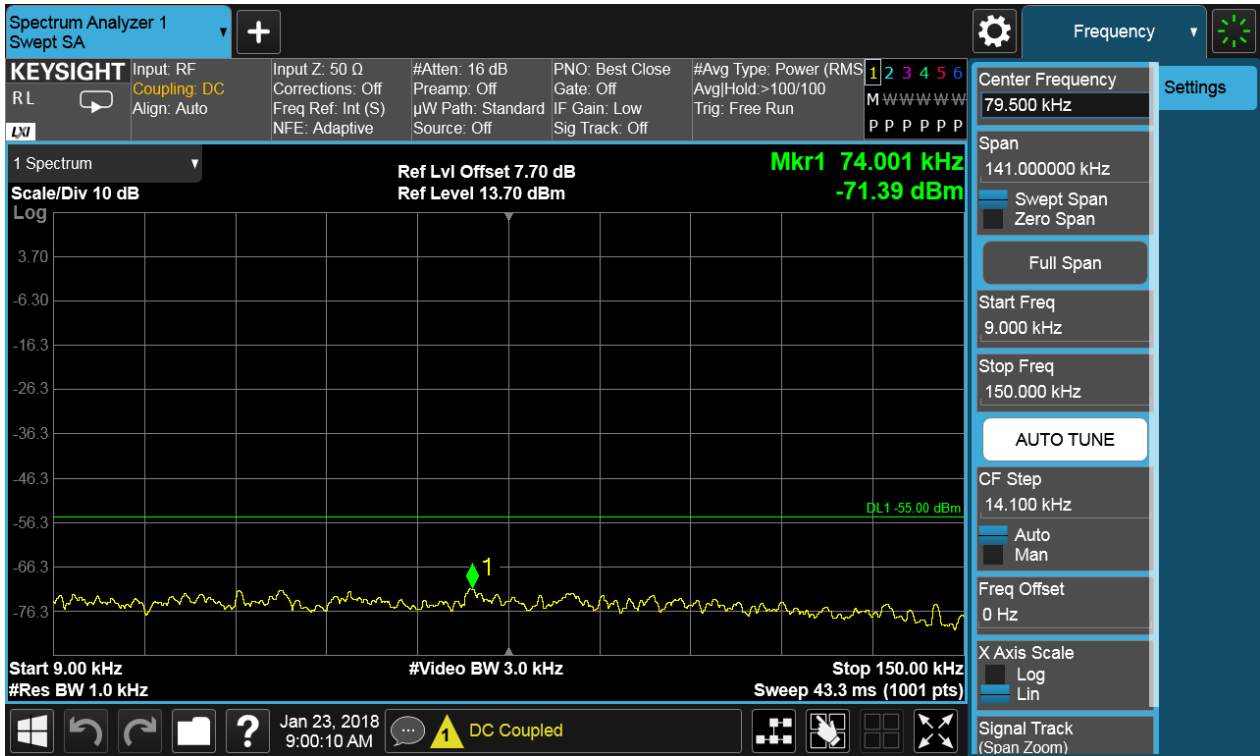
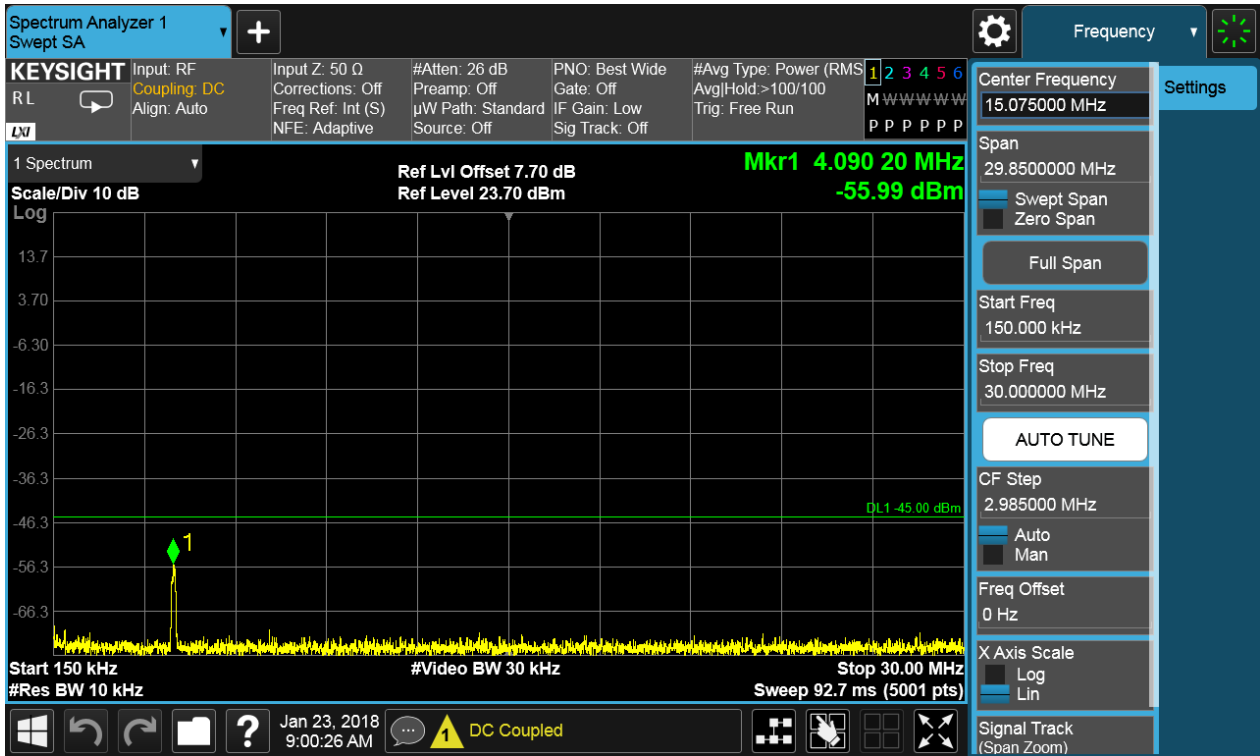


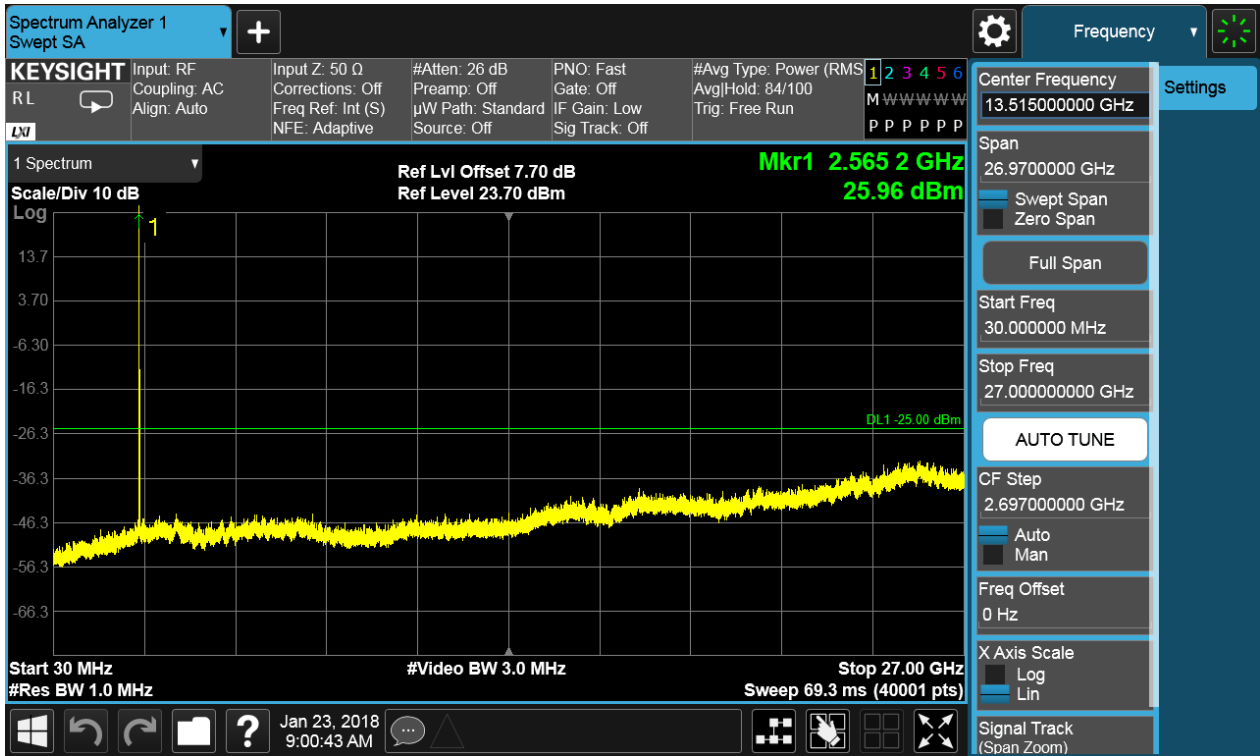


6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0





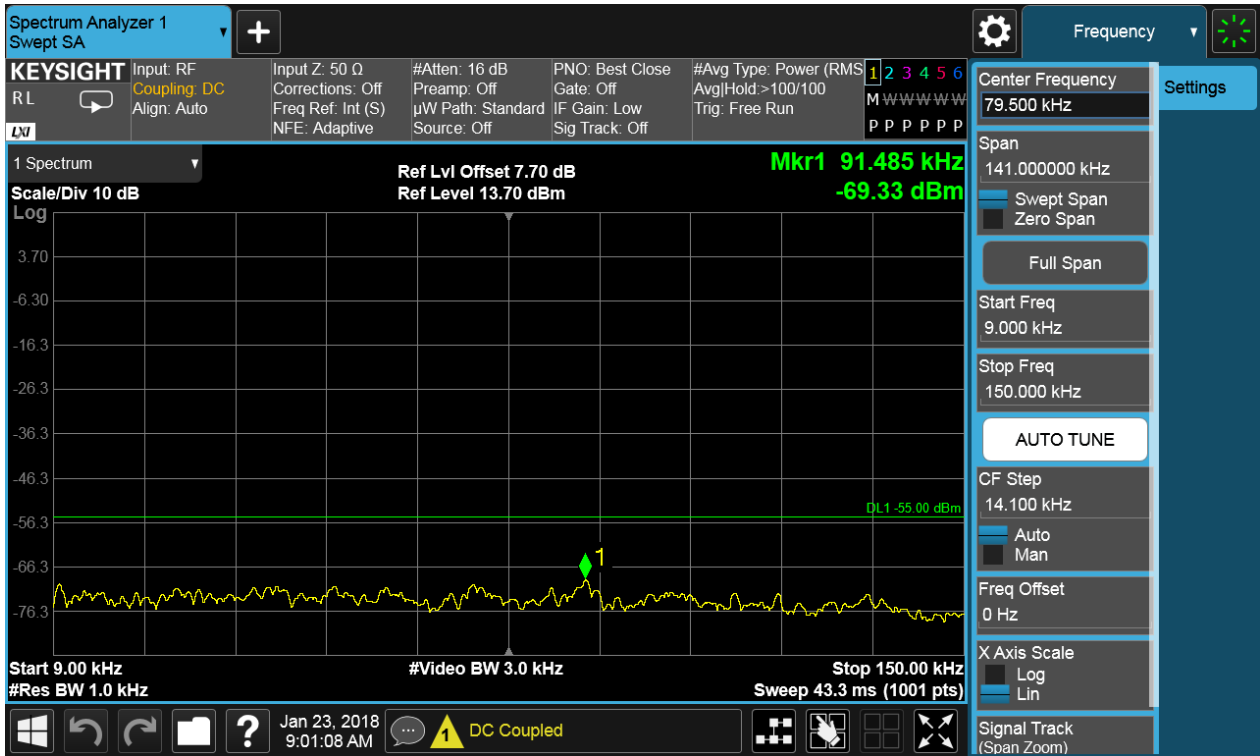


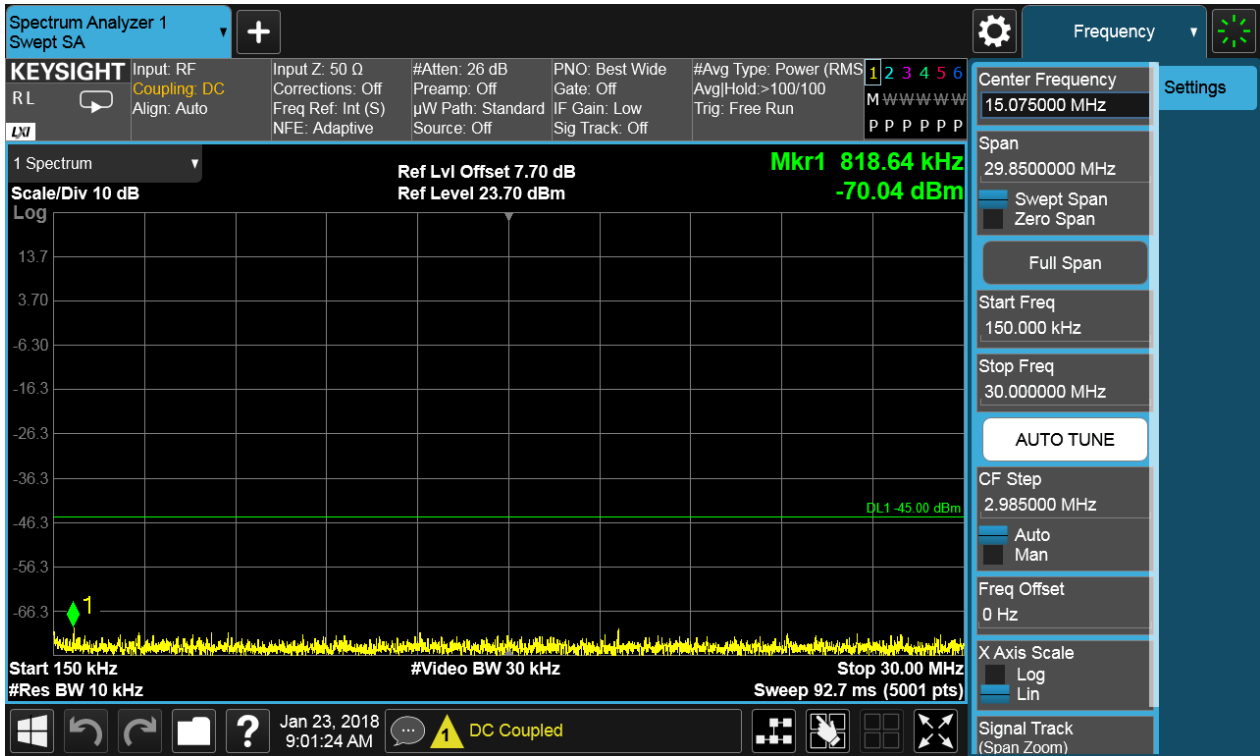


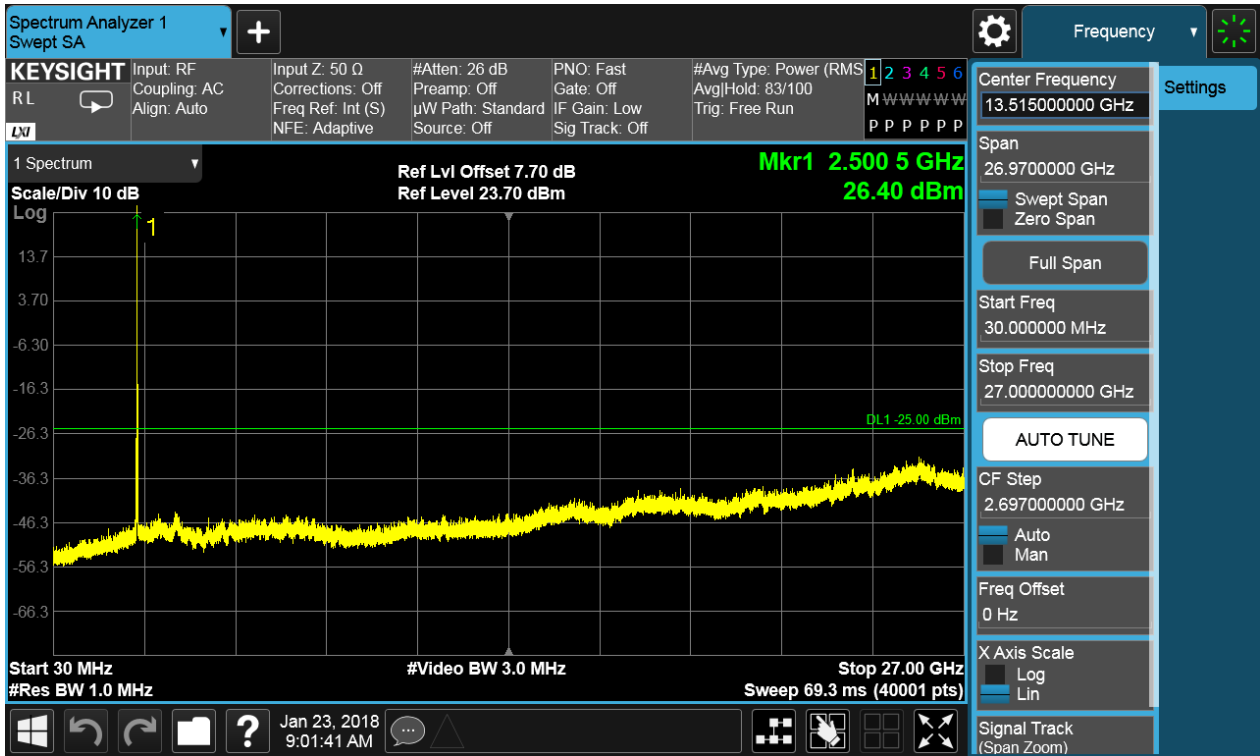
6.1.1.2.2 Test Bandwidth = 10

6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0



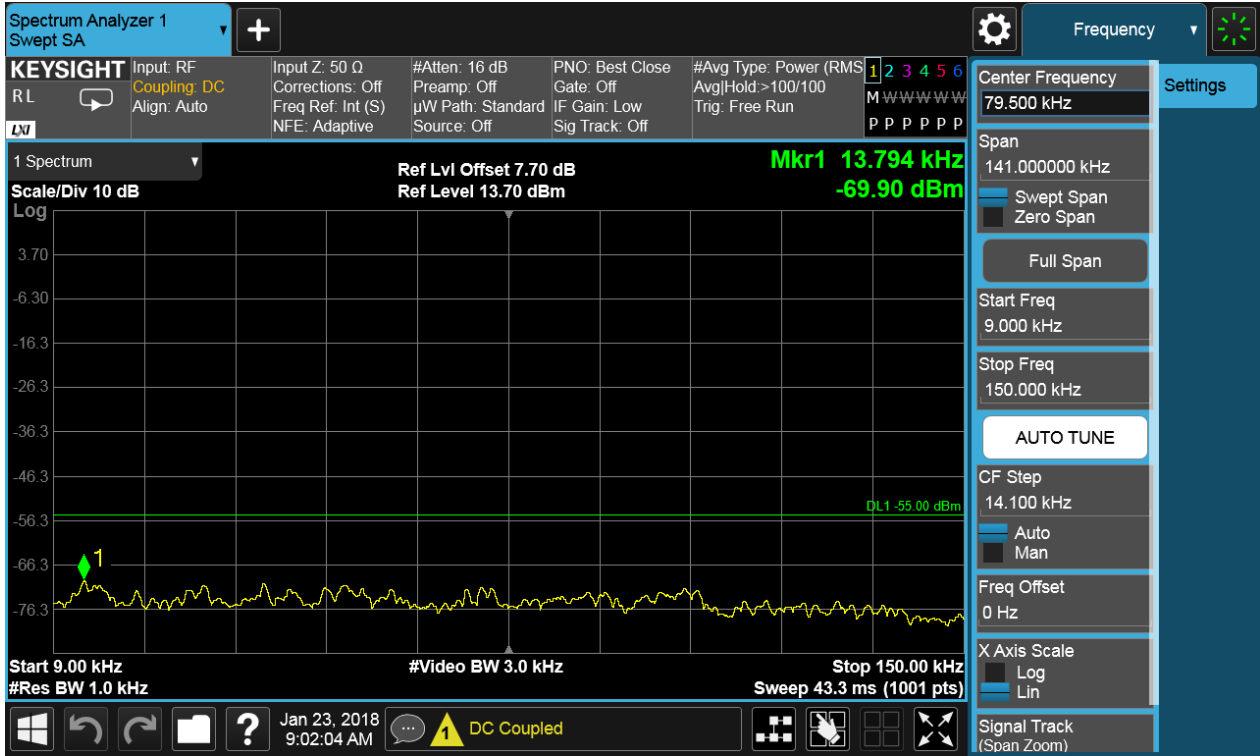


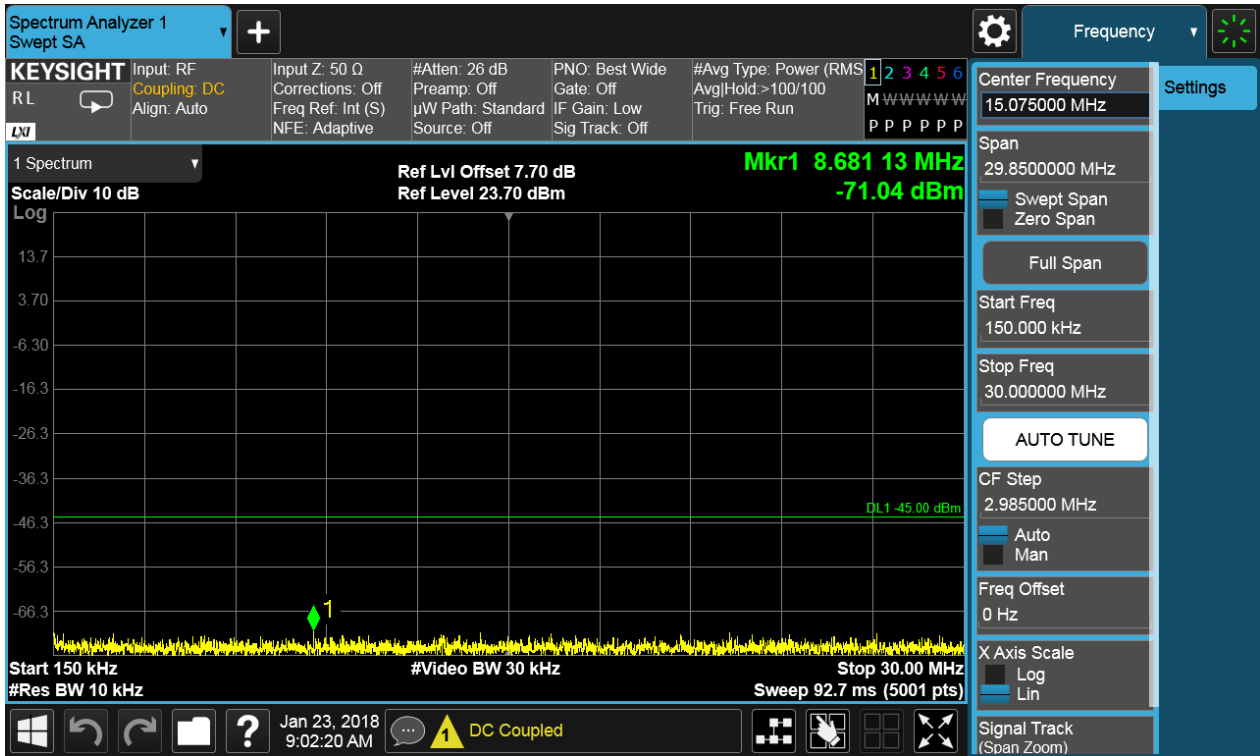


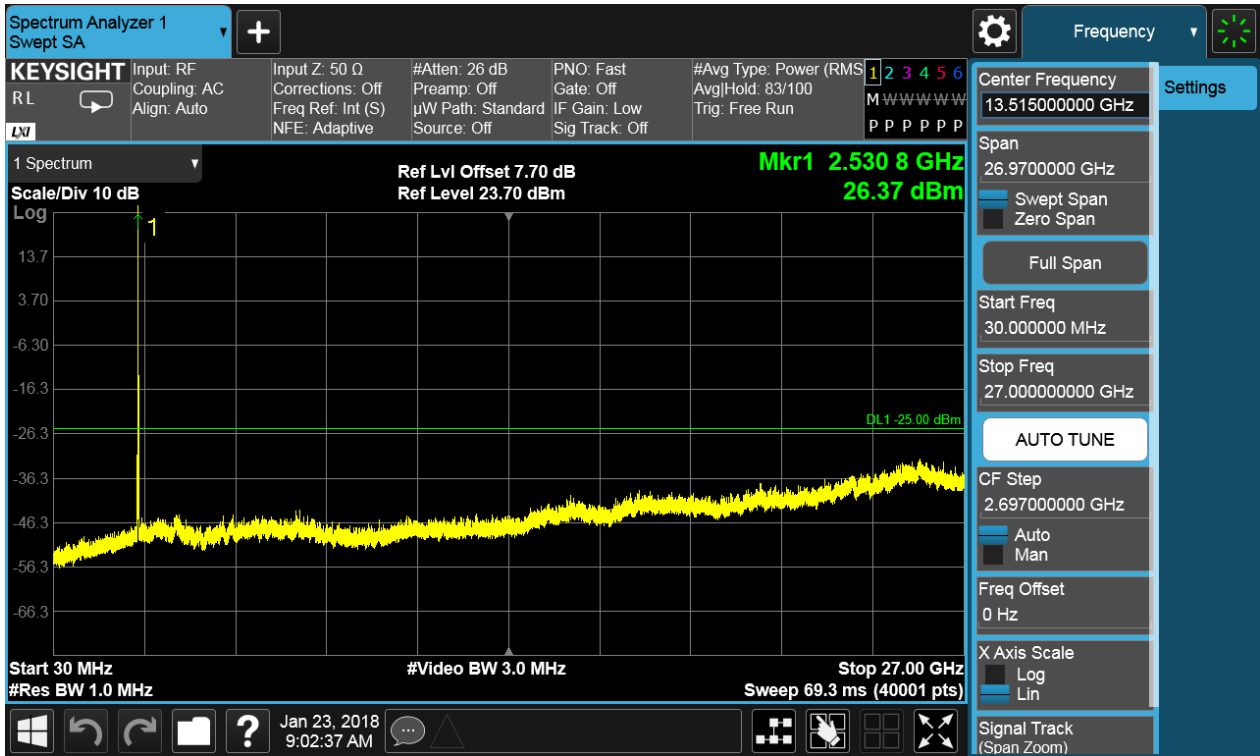


6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0



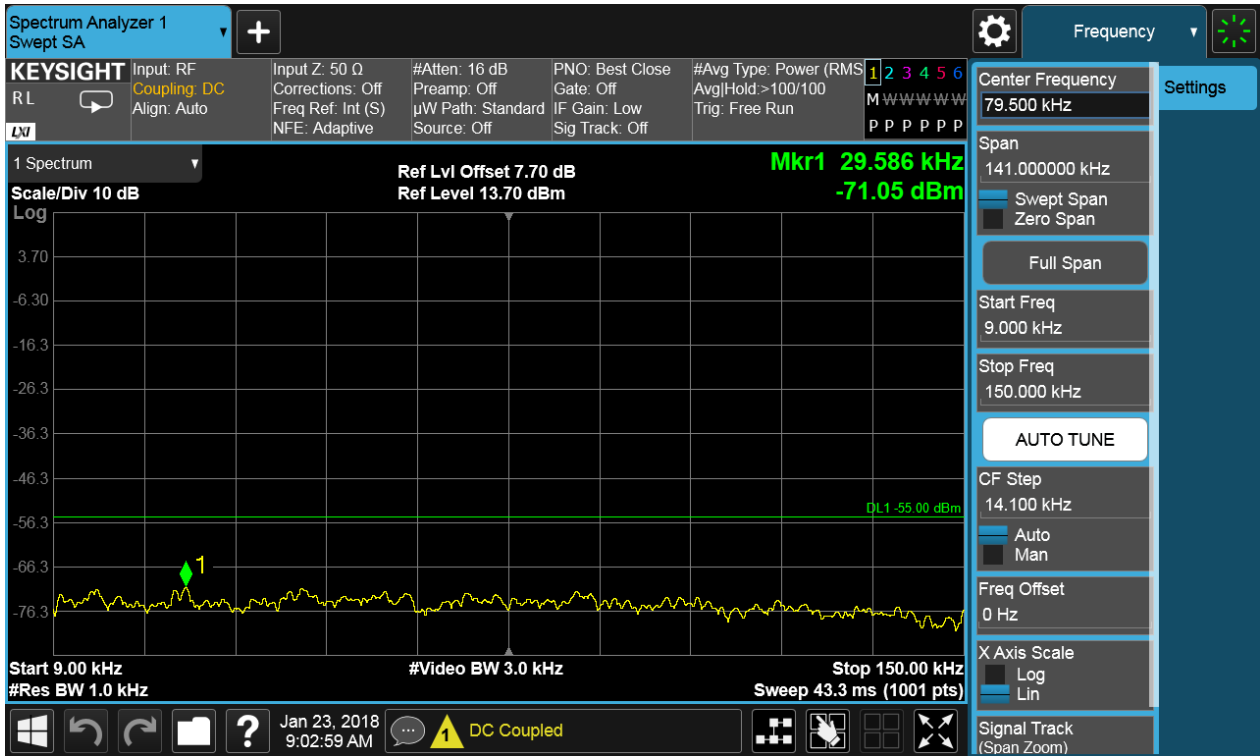


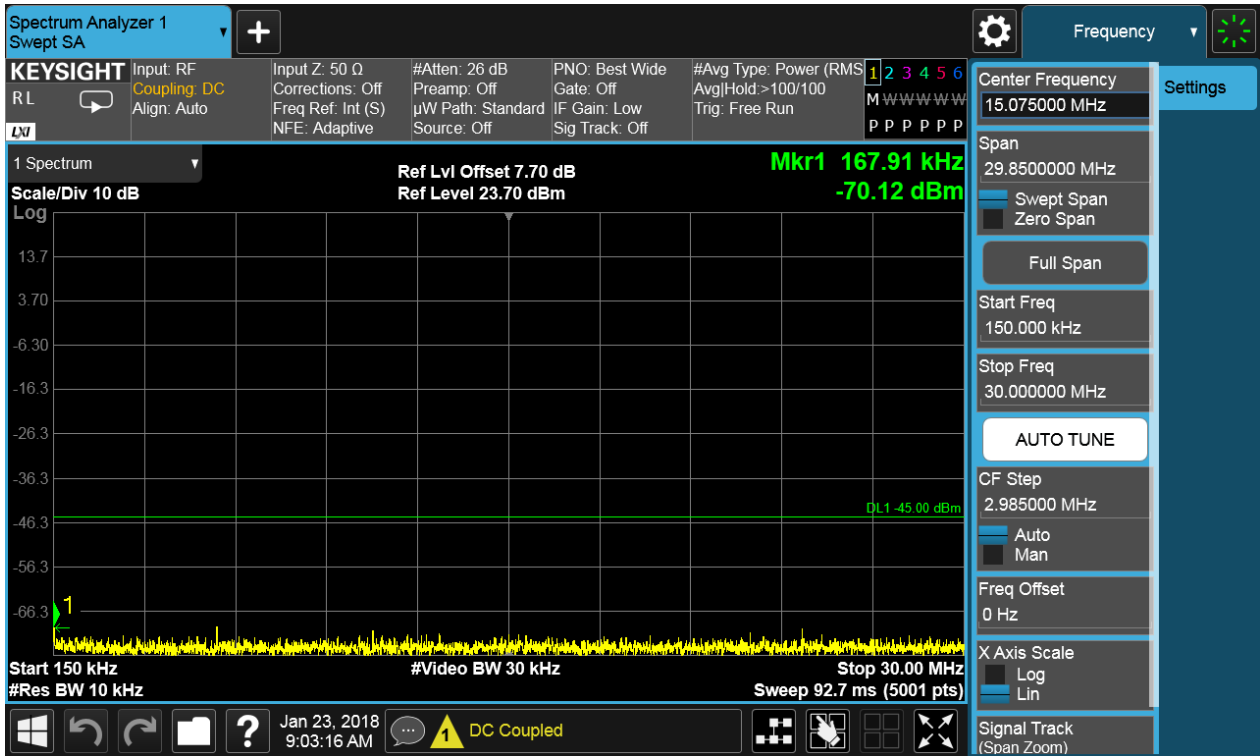


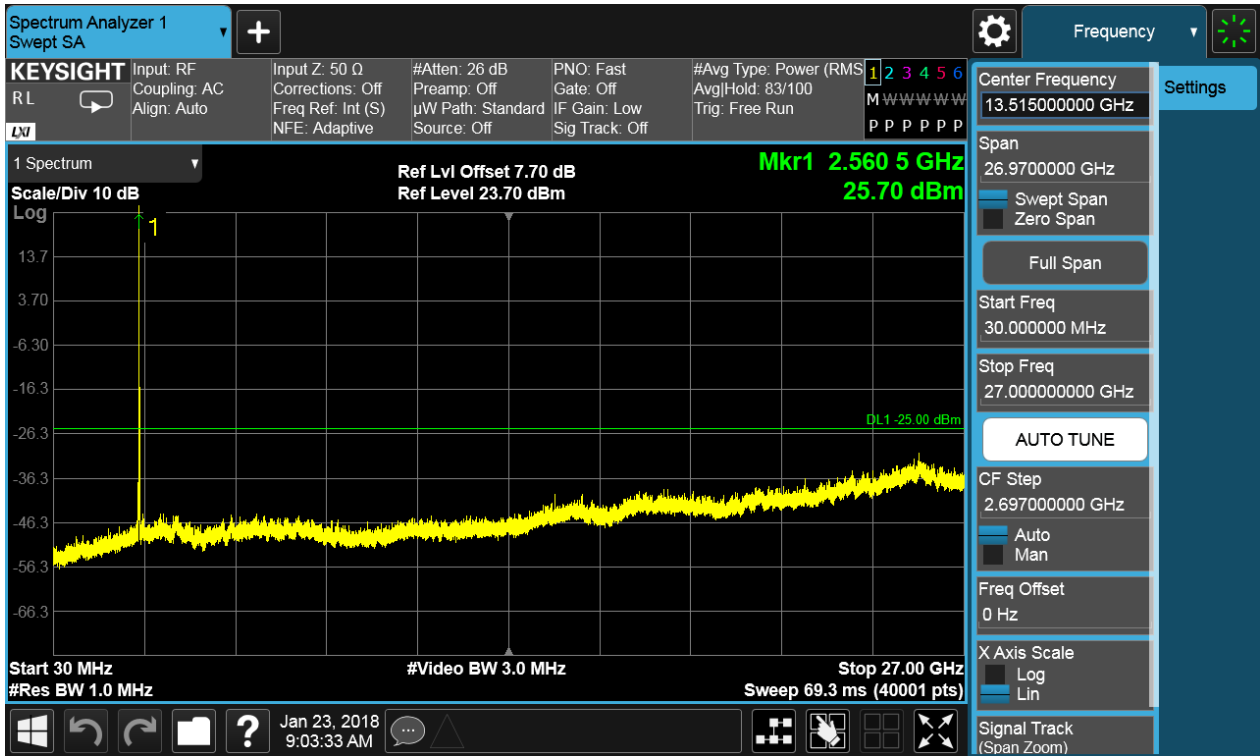


6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0





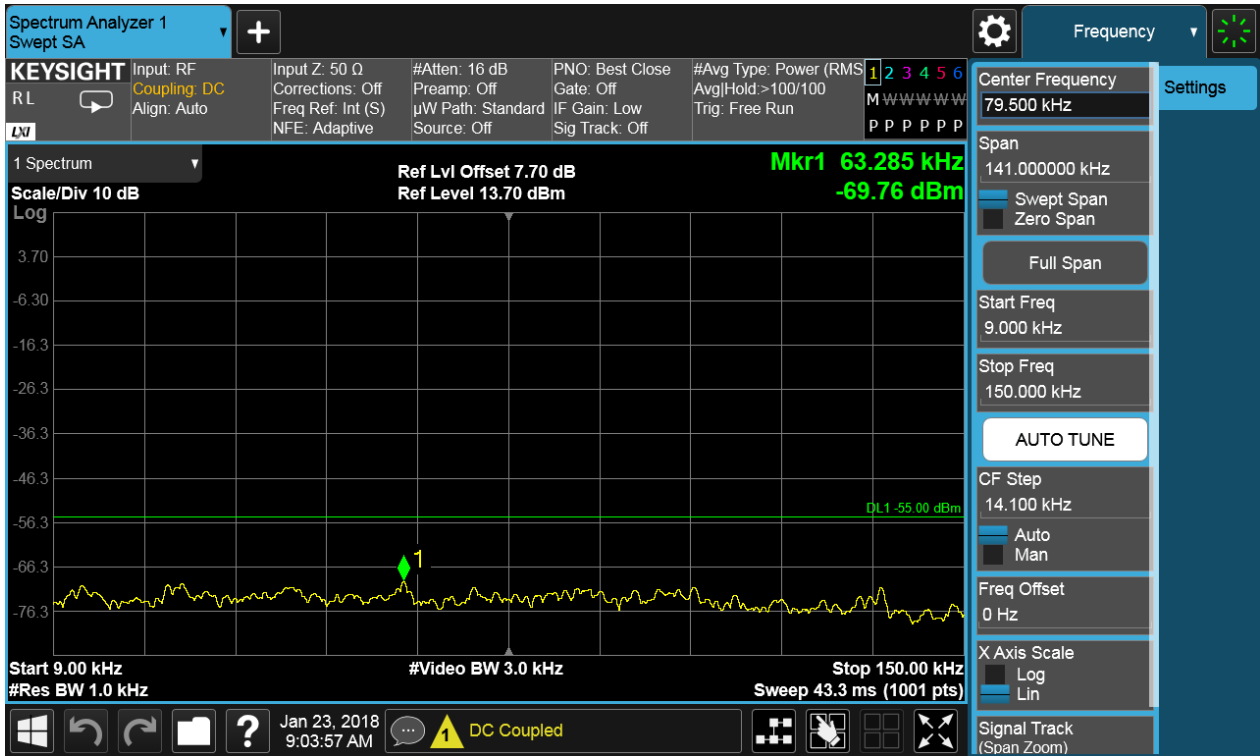


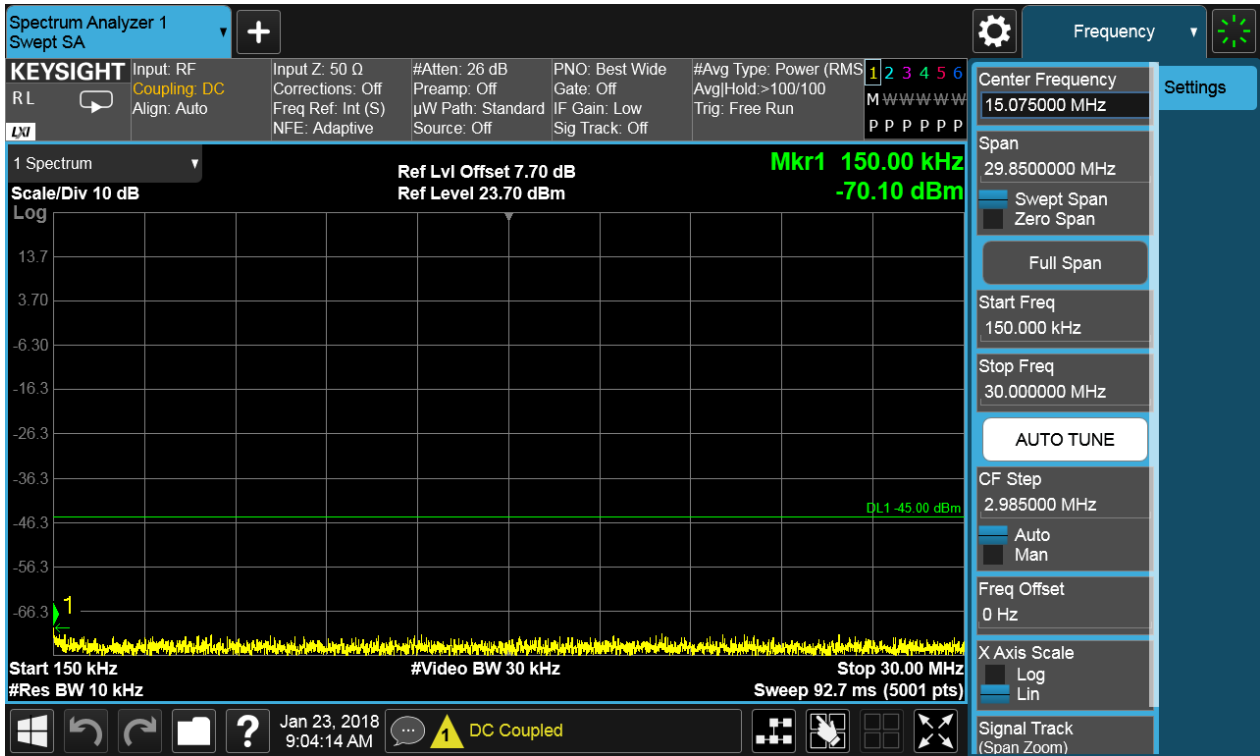


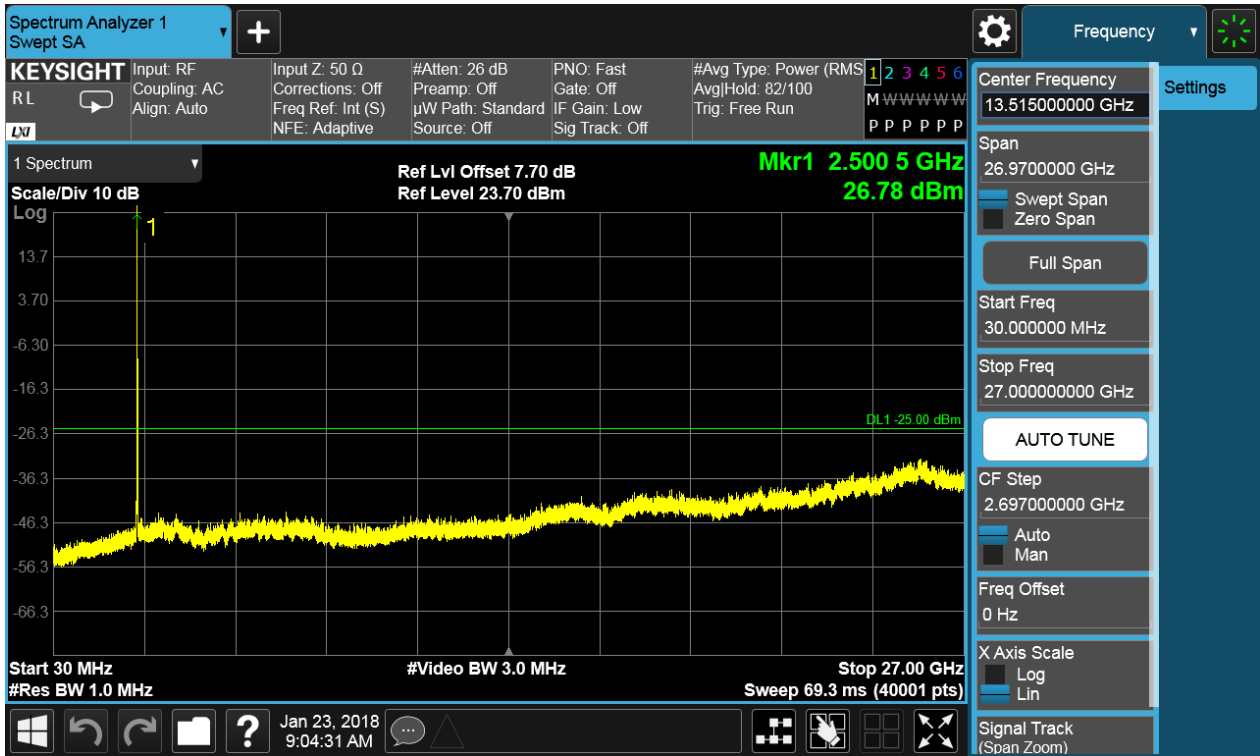
6.1.1.2.3 Test Bandwidth = 15

6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0



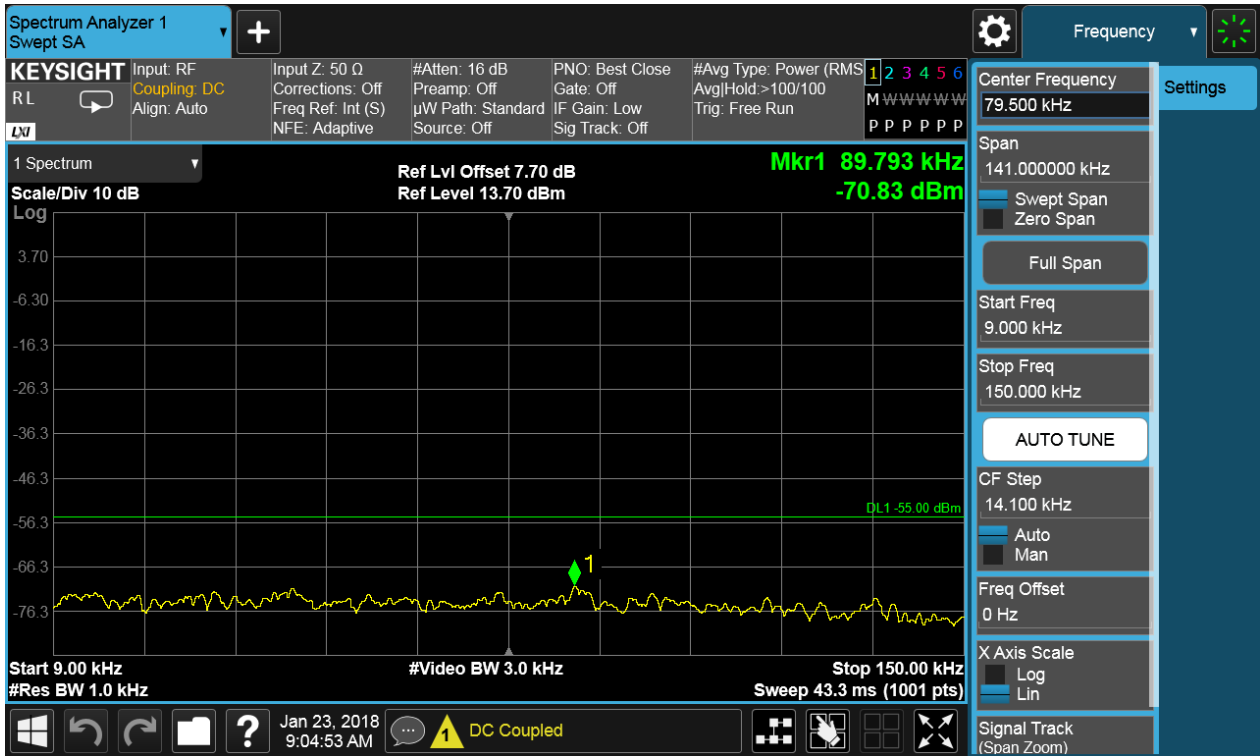


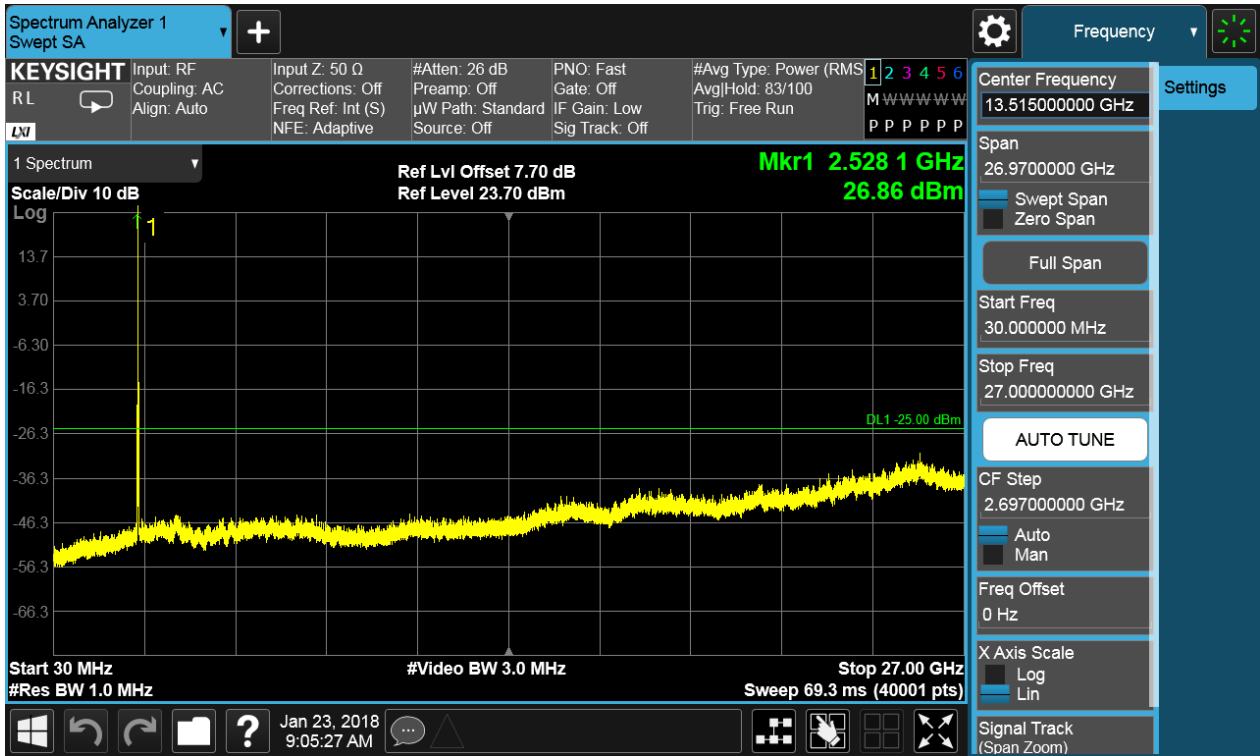




6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0

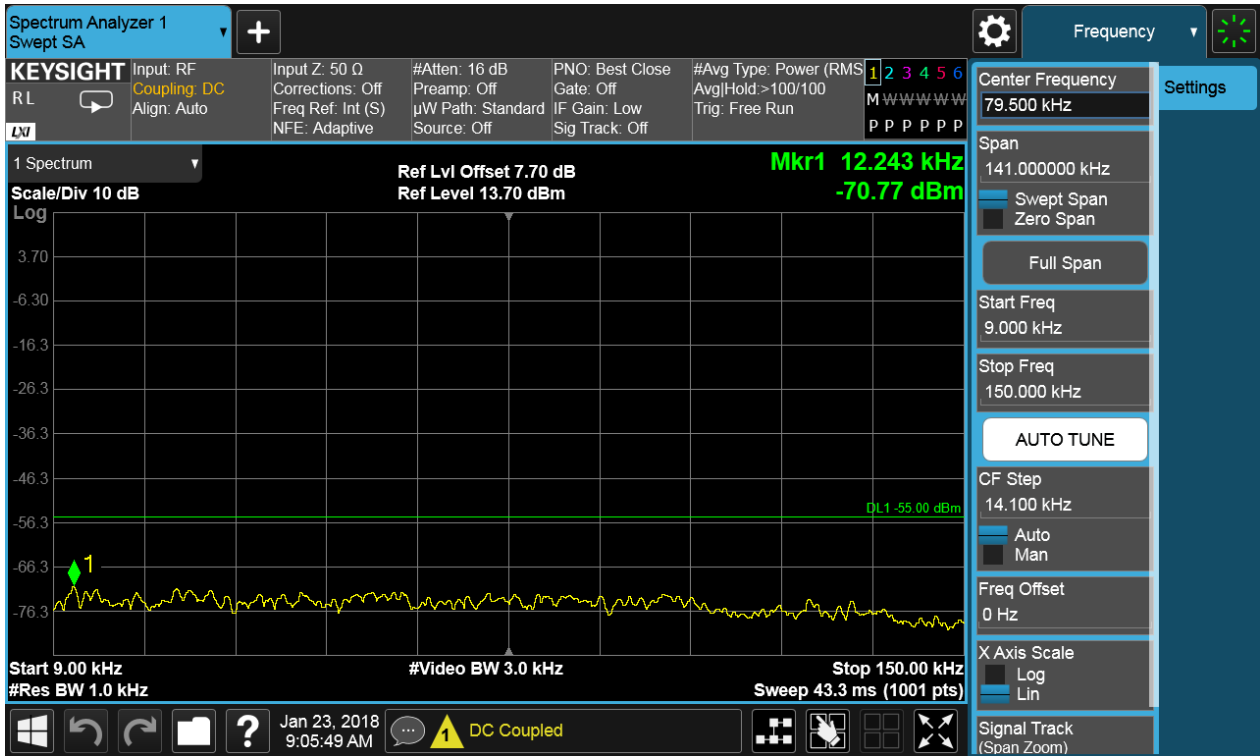


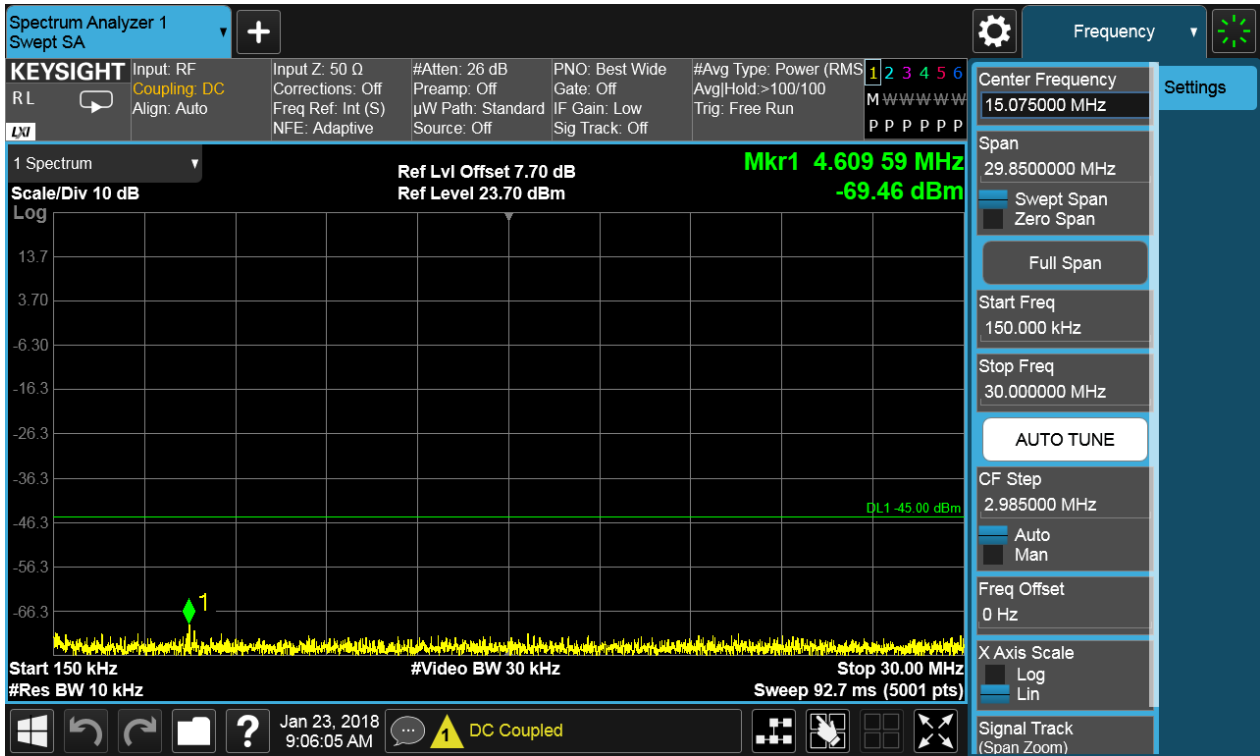


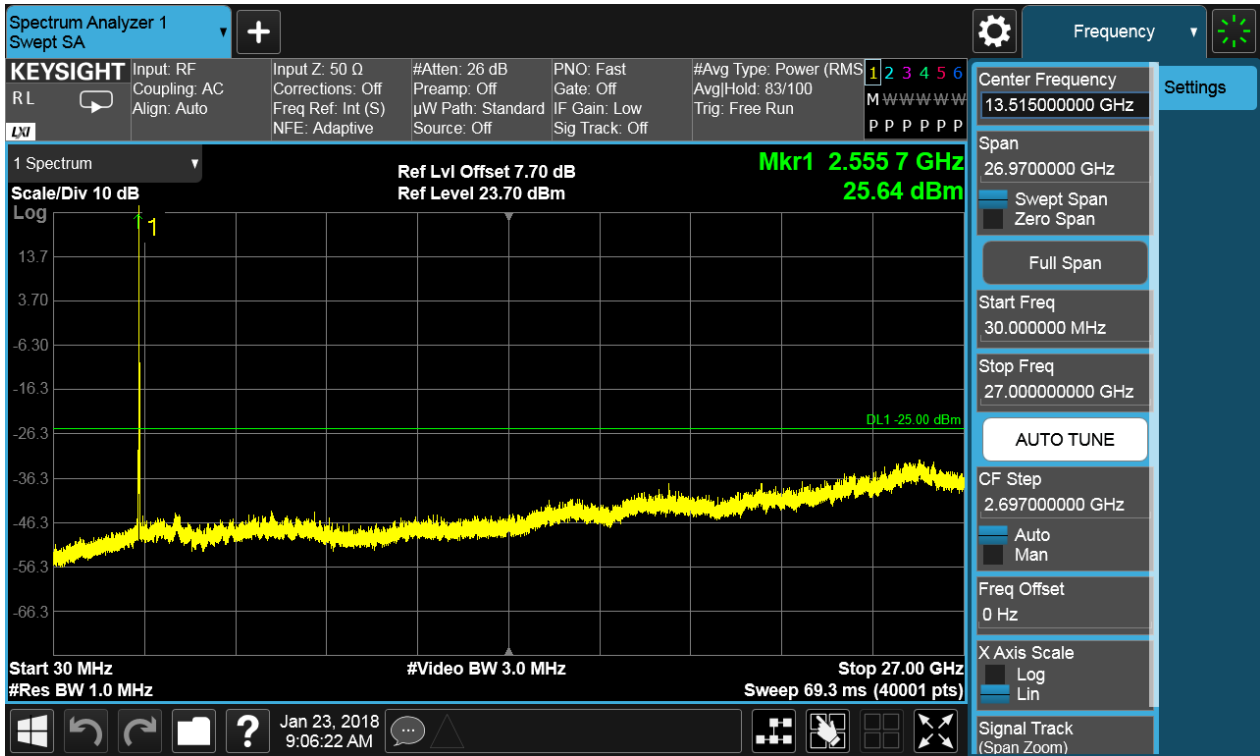


6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0





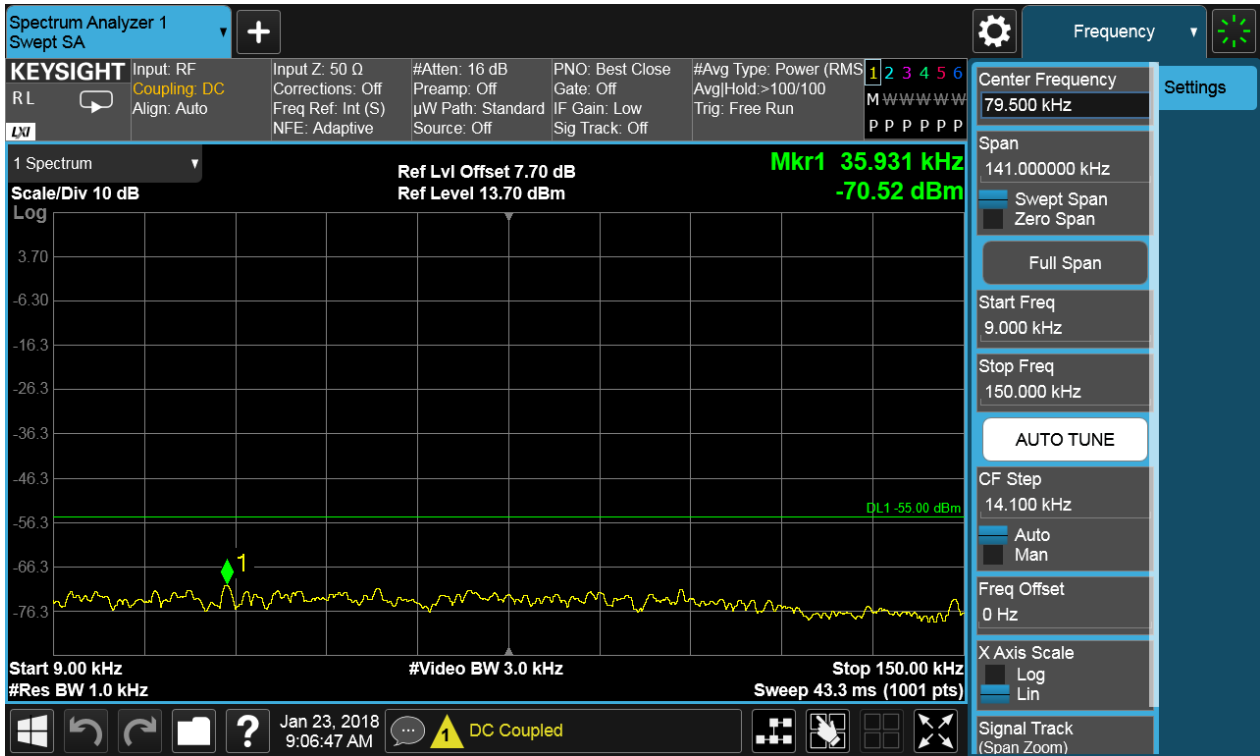


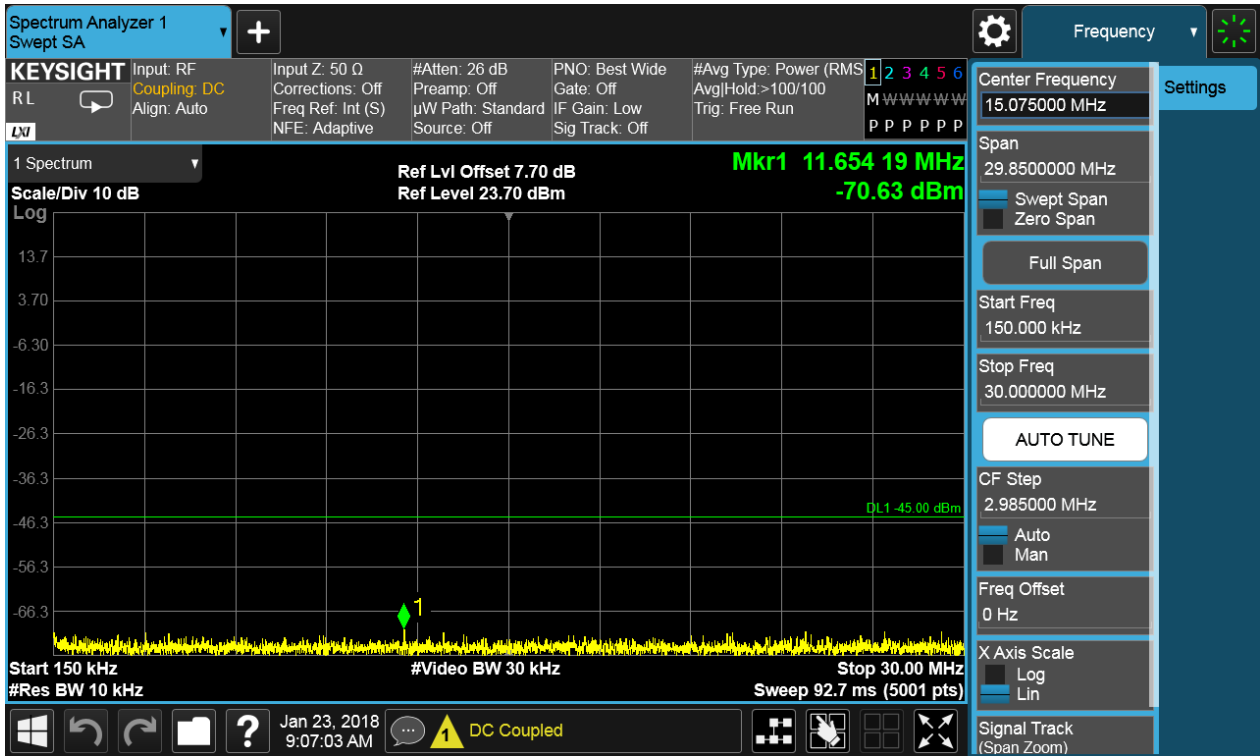


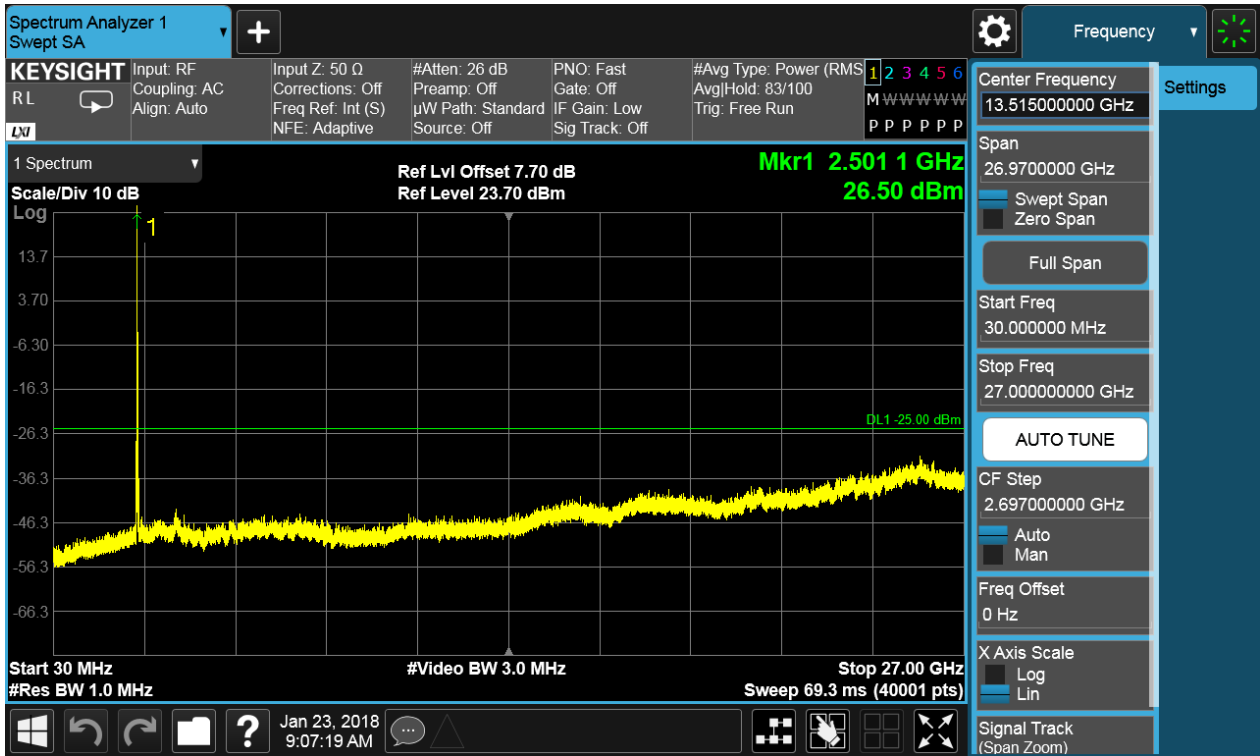
6.1.1.2.4 Test Bandwidth = 20

6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0



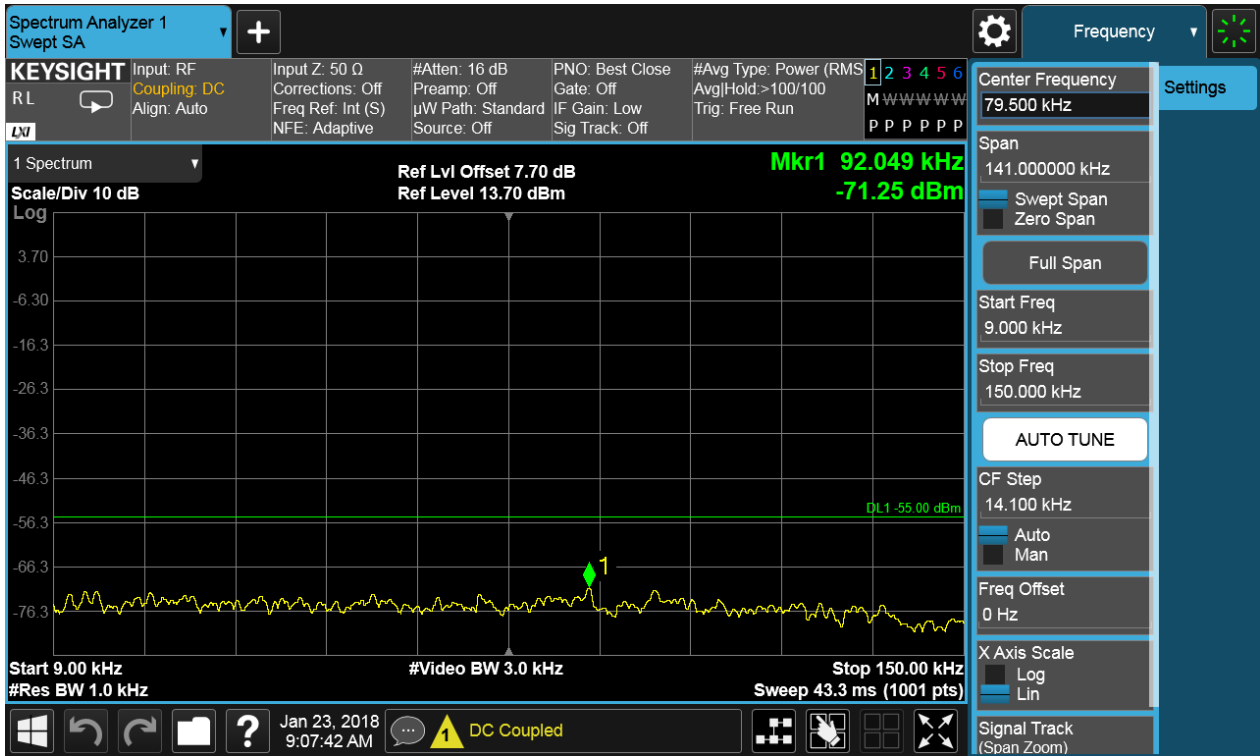


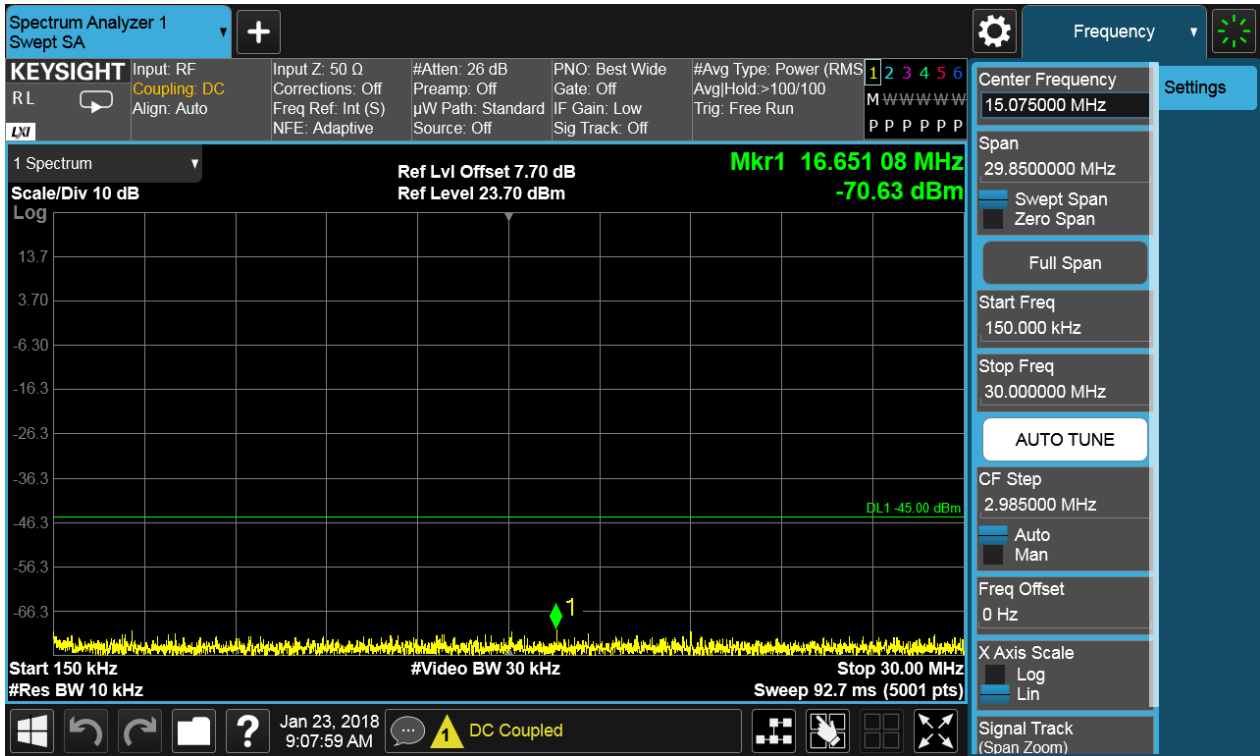


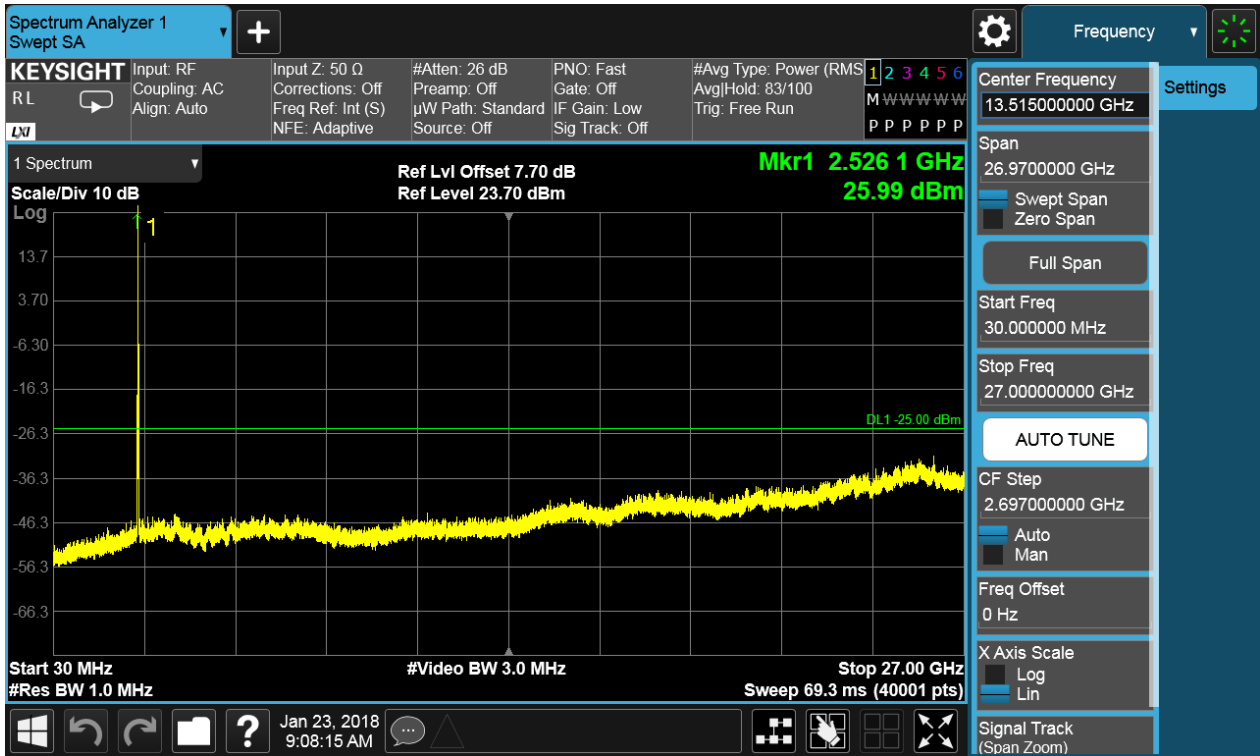


6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0



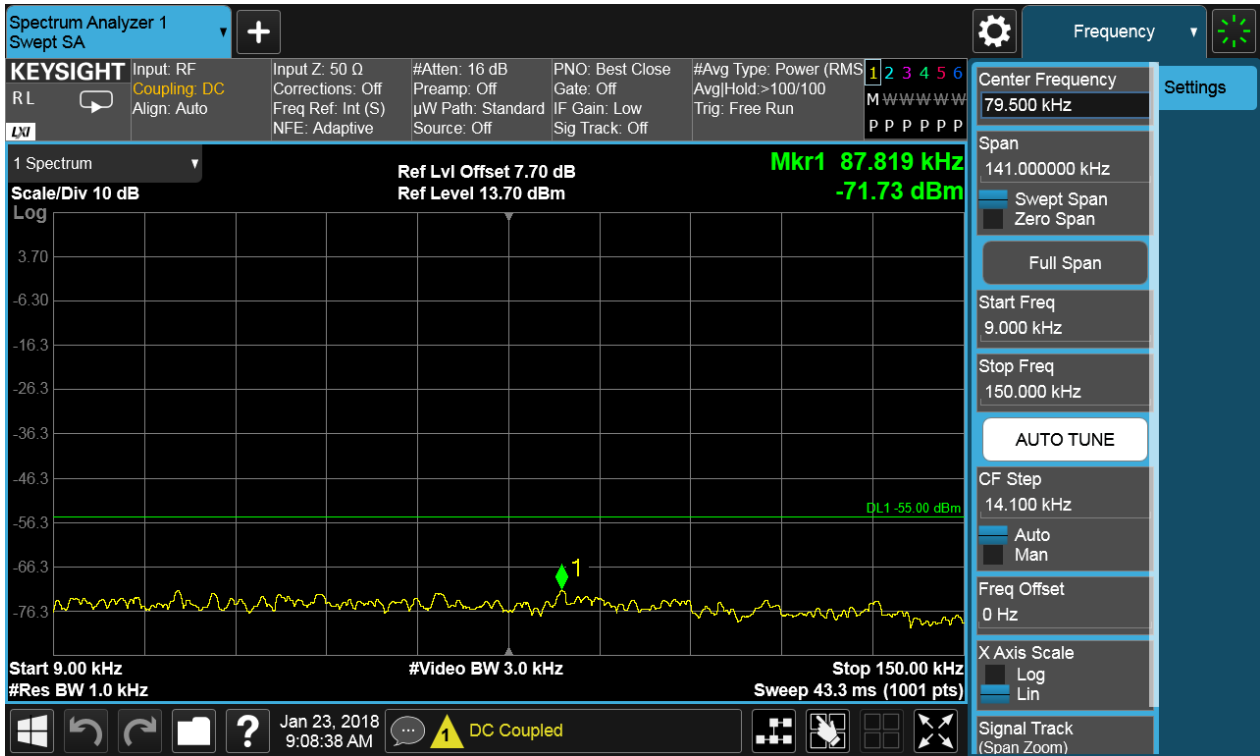


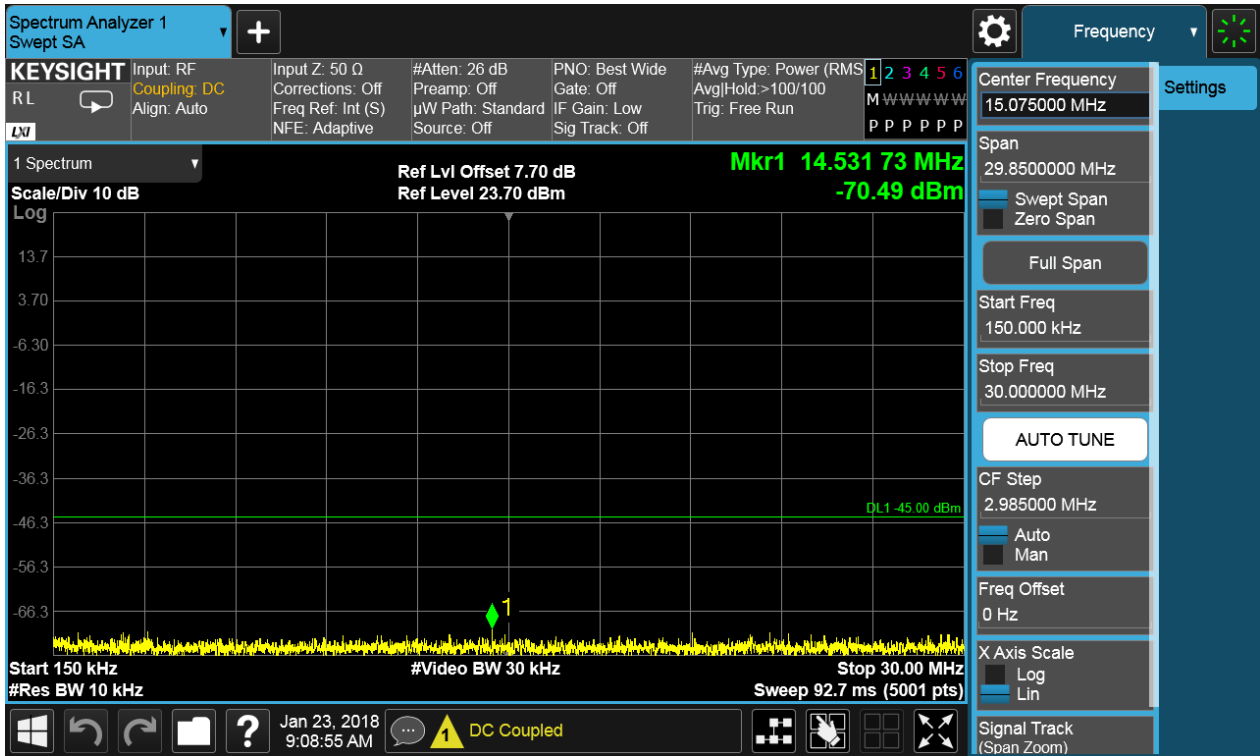


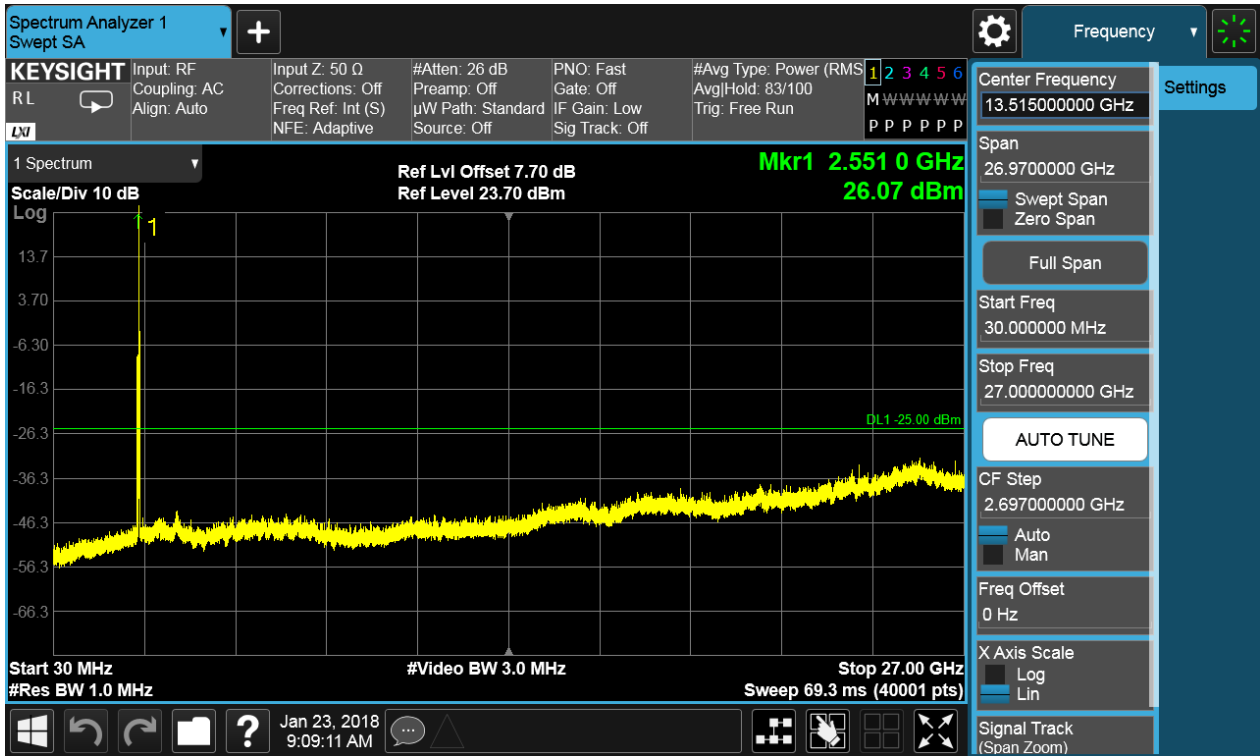


6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 Test RB = RB1#0









7Appendix_G: Field Strength of Spurious Radiation

Note:

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

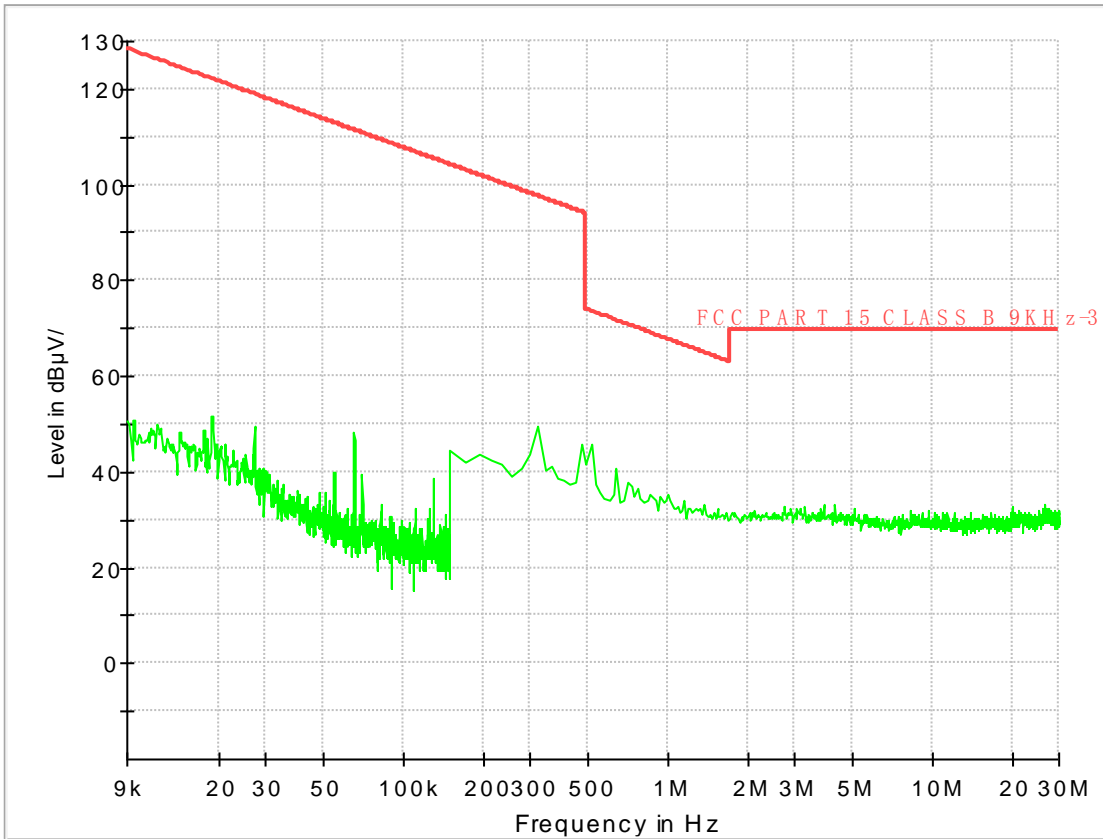
We tested all modes, but the data presented below is the worst case.

Part I - Test Plots

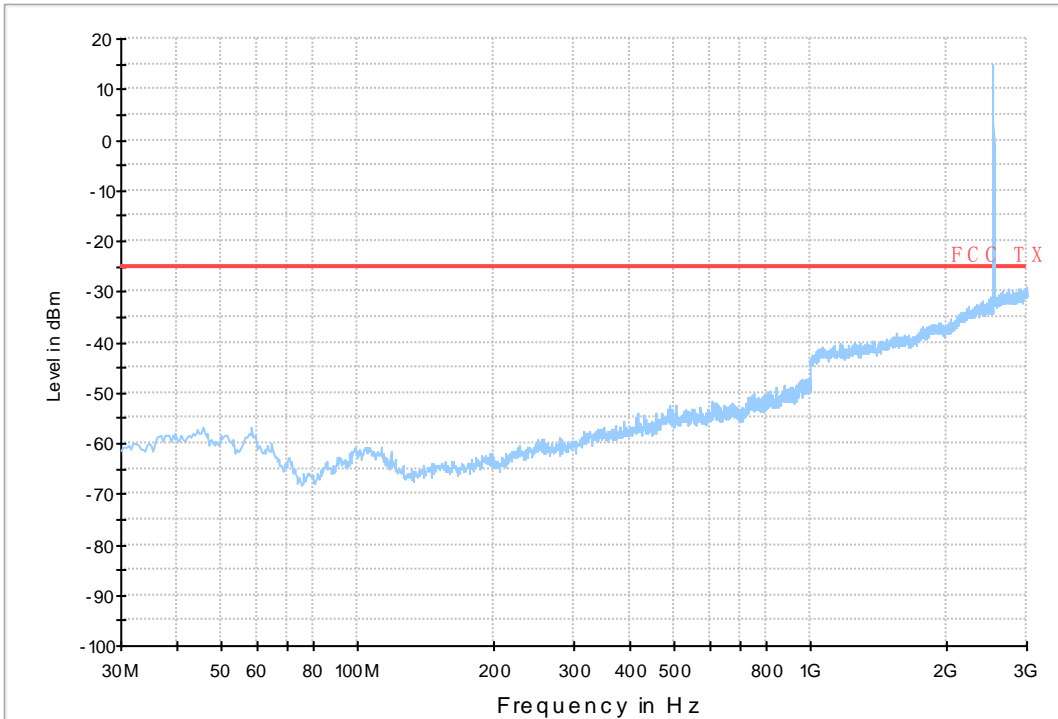
7.1 For LTE

7.1.1 Test Band = BAND7_ANT1

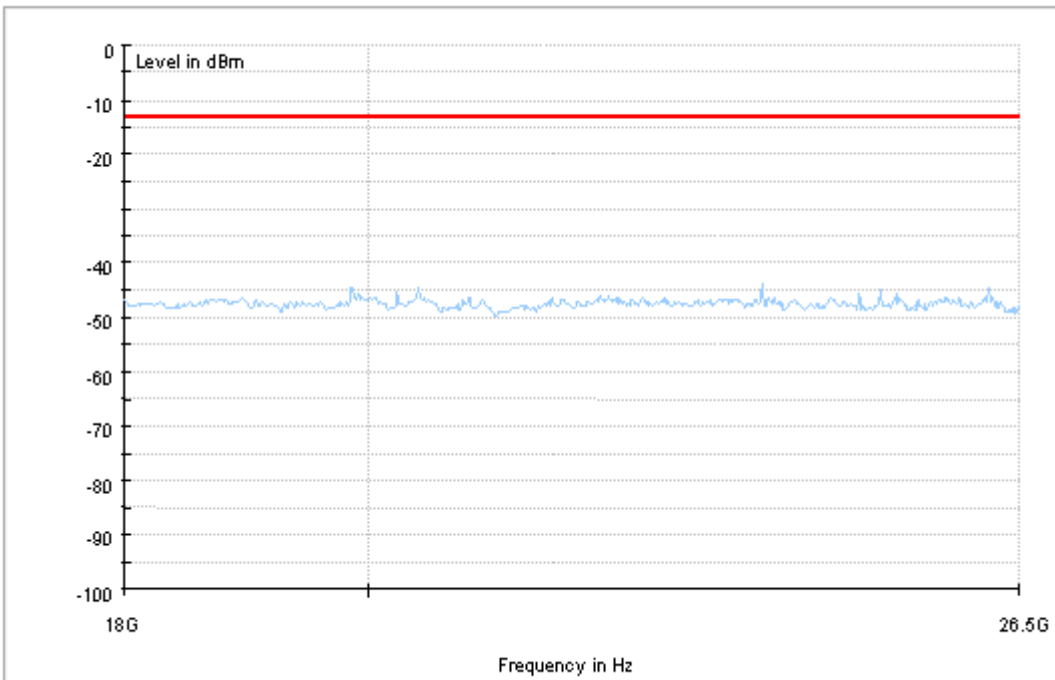
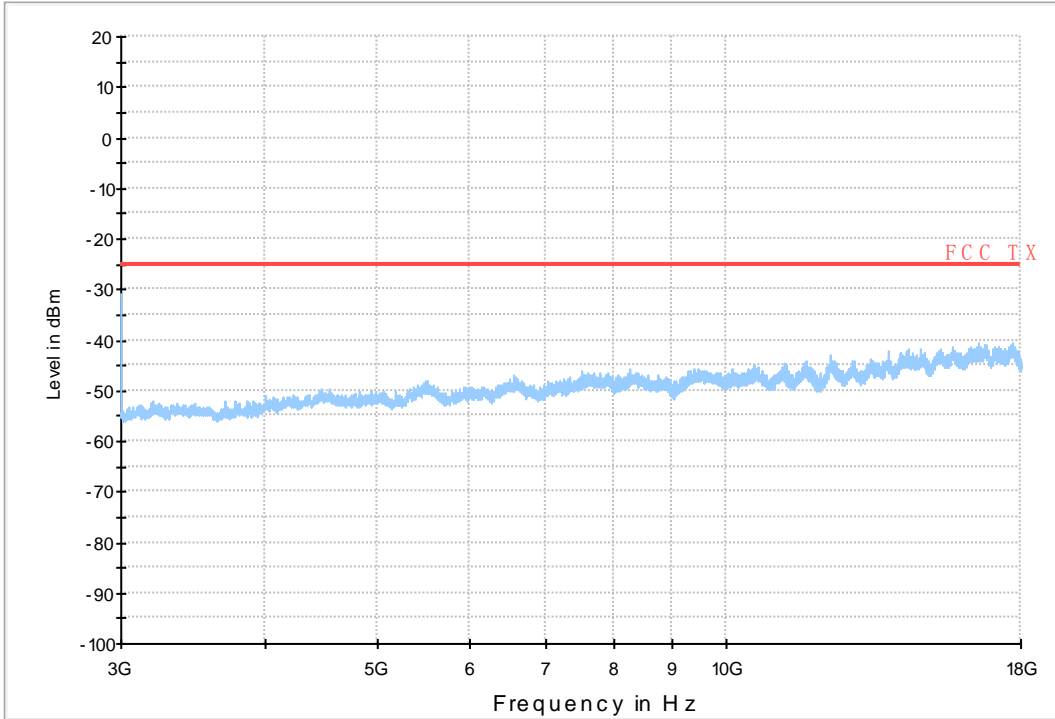
7.1.1.1 Test Bandwidth = 5



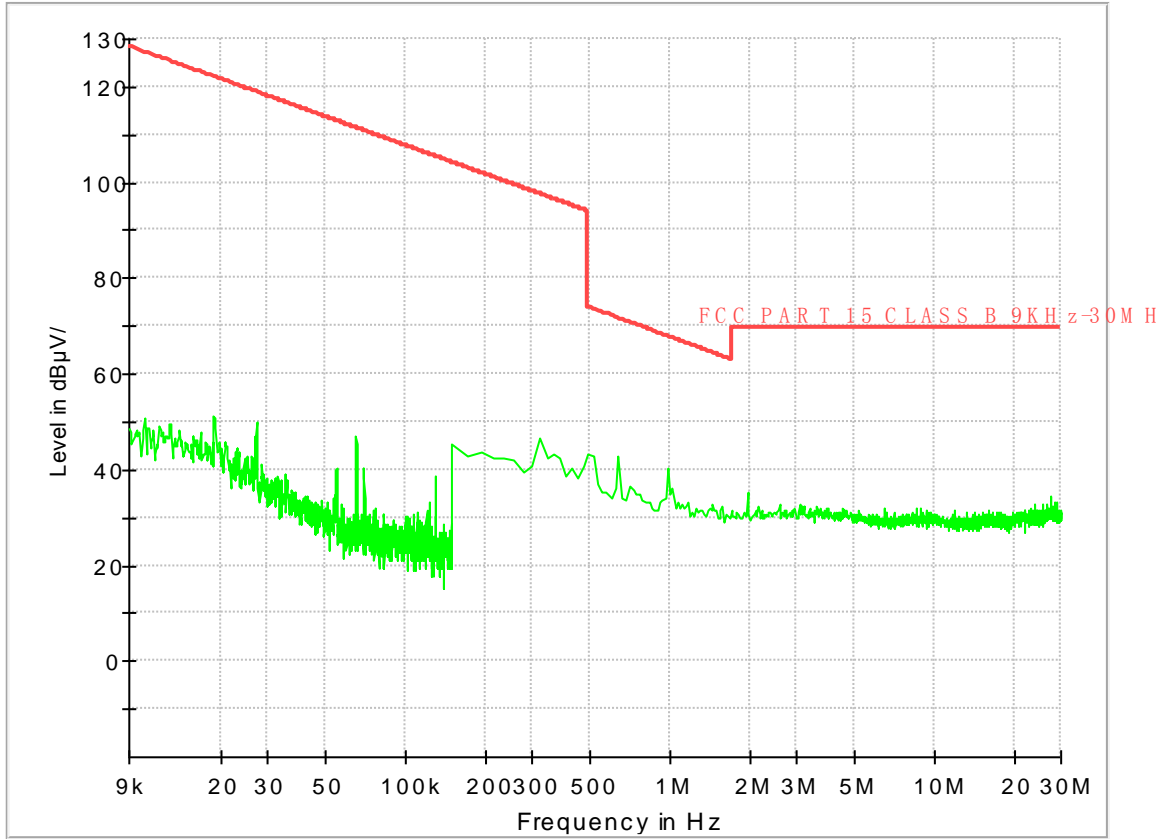
Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_L



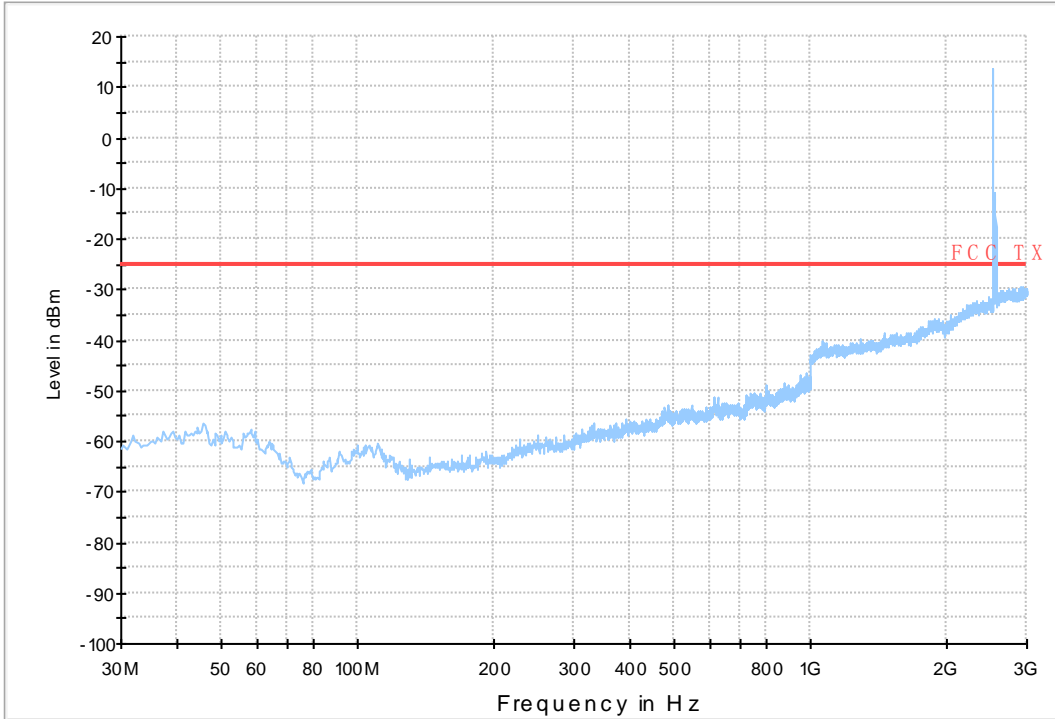
Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_H



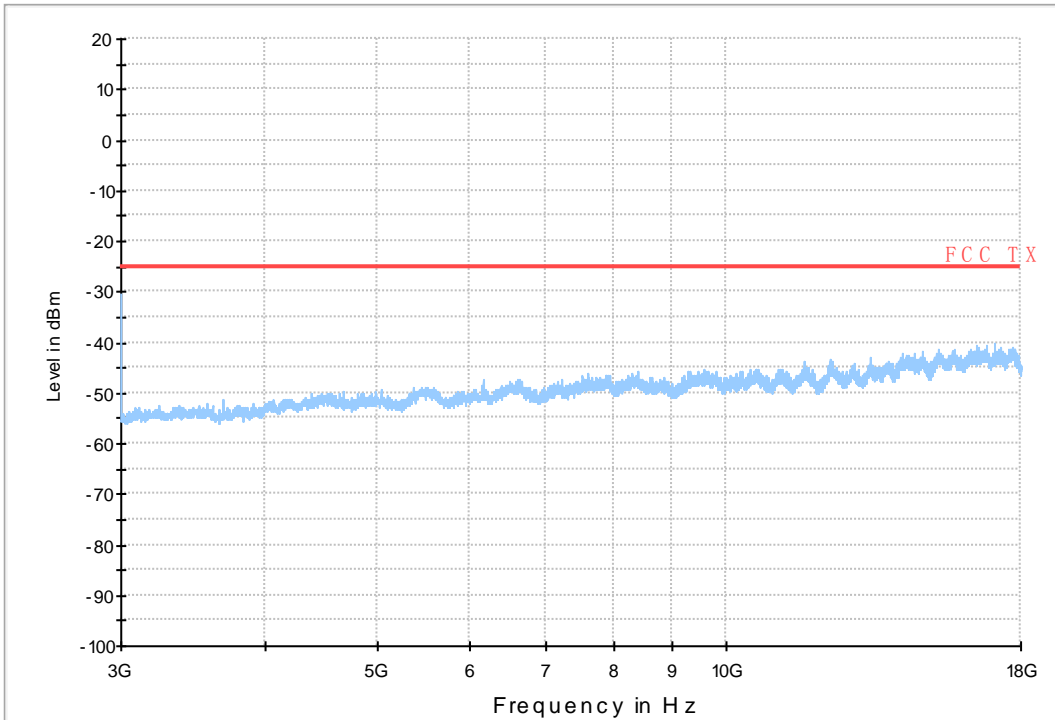
7.1.1.2 Test Bandwidth = 20

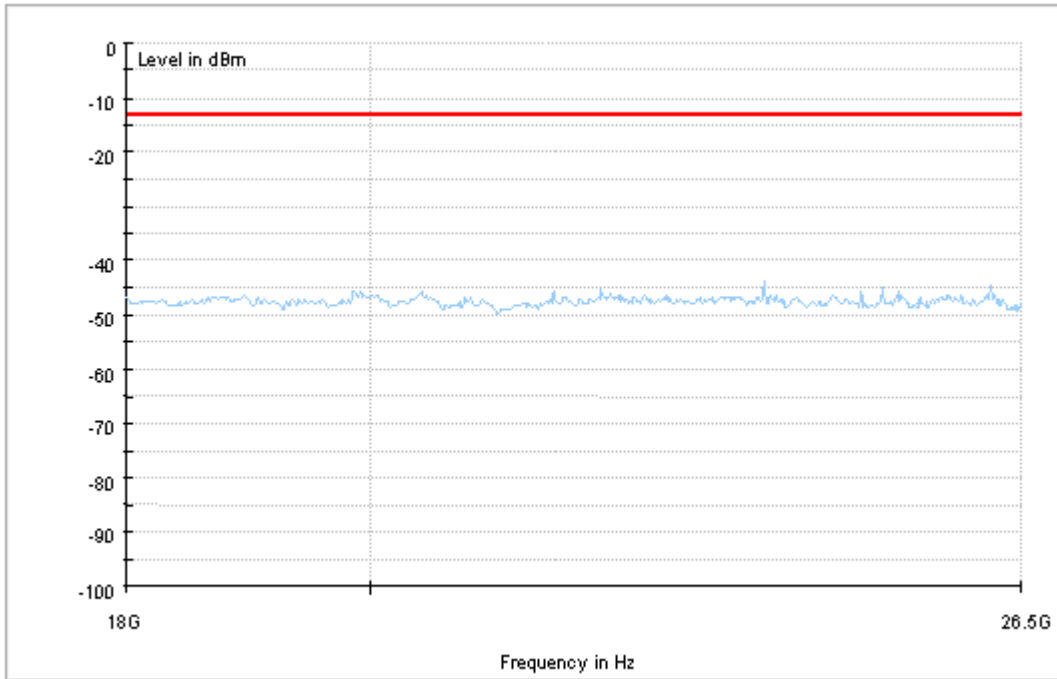


Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_L



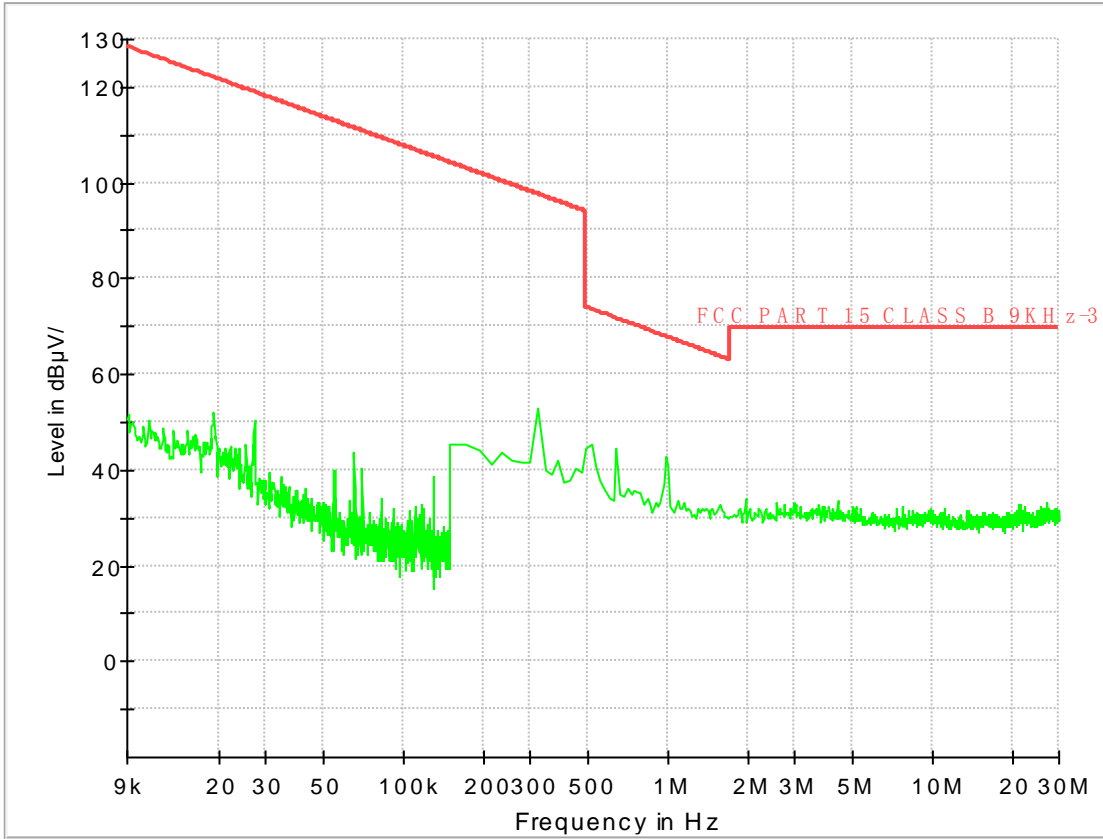
Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_H



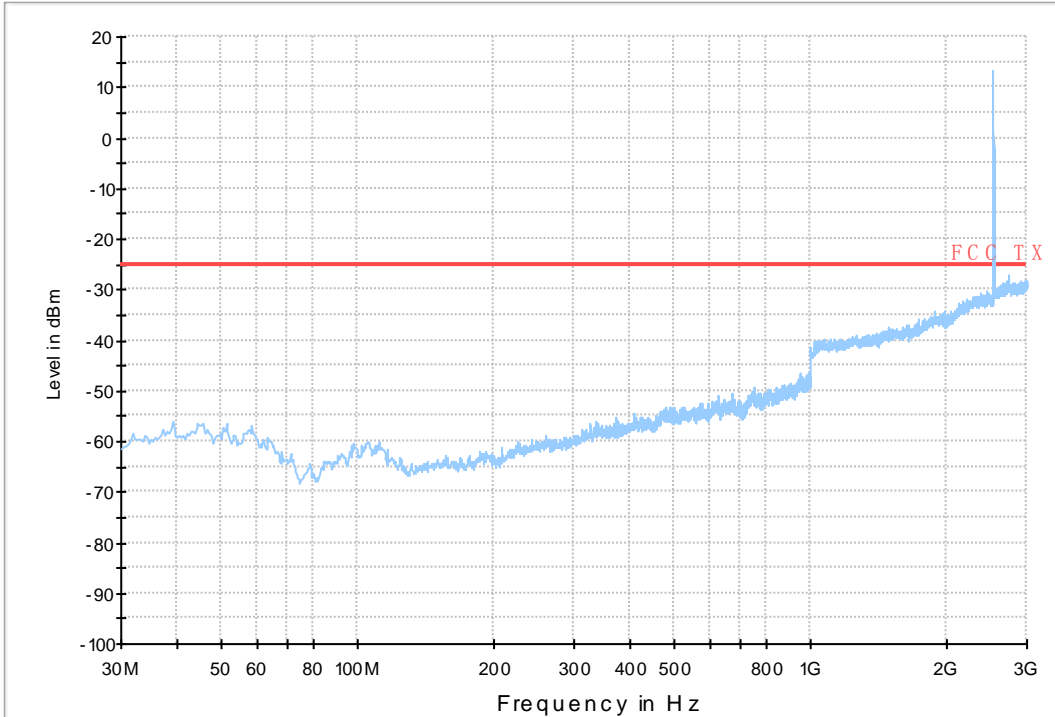


7.1.2 Test Band = BAND7_ANT2

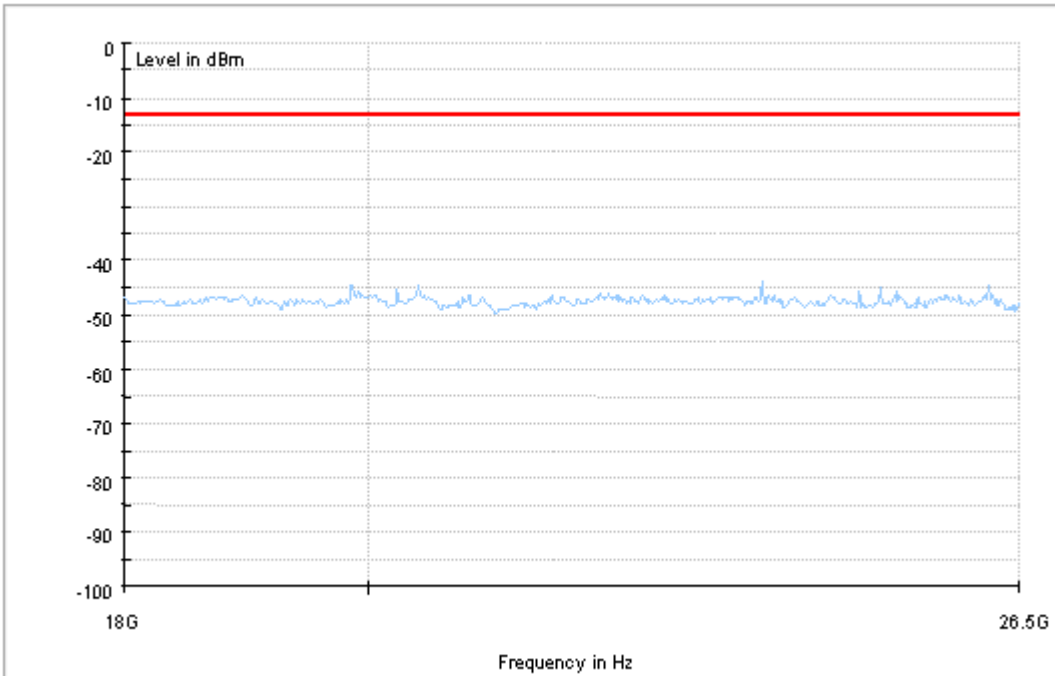
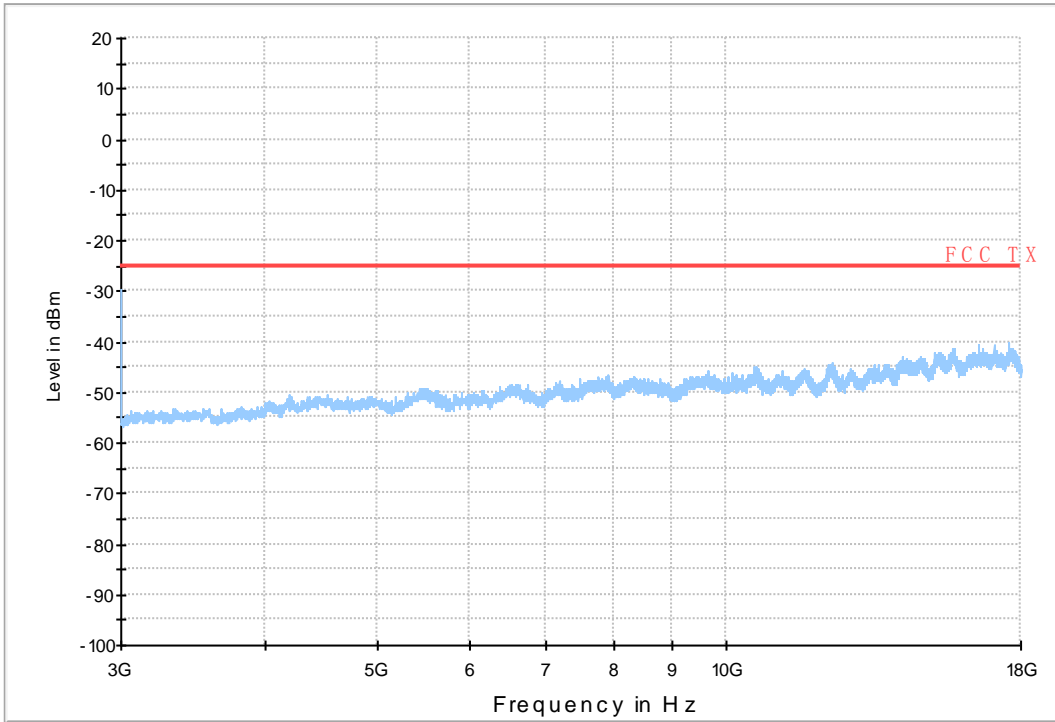
7.1.2.1 Test Bandwidth = 5



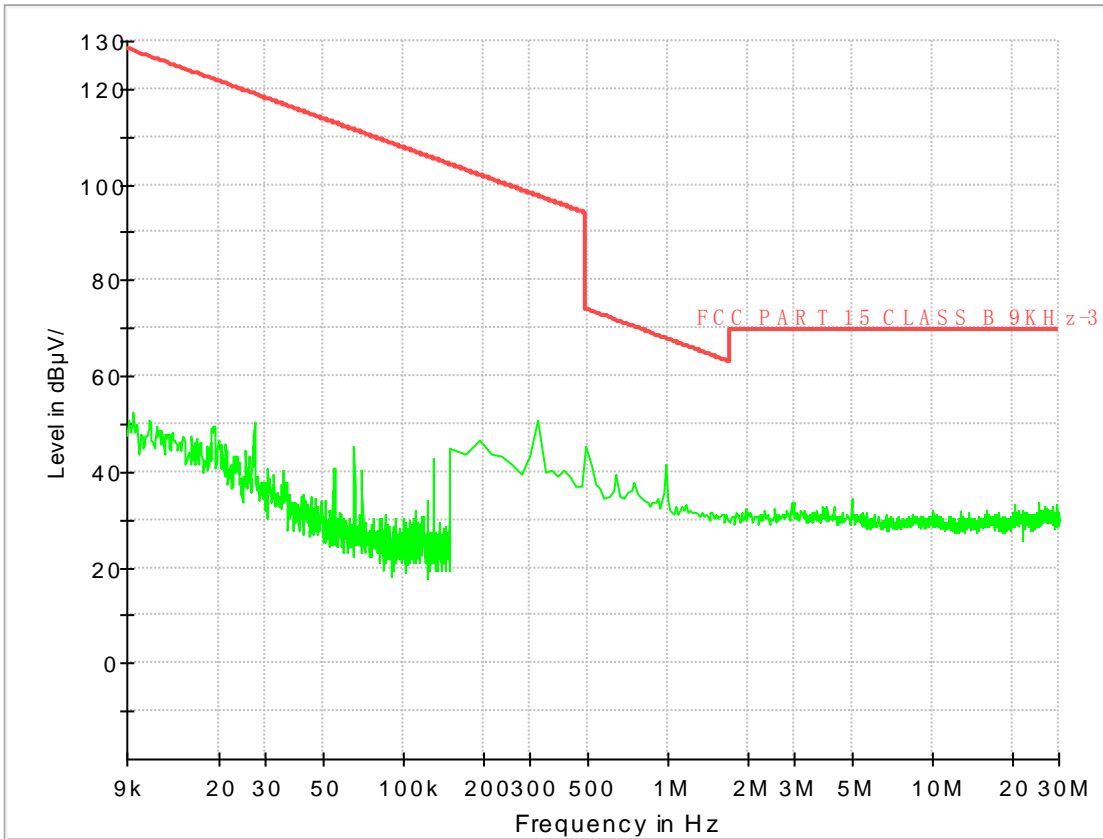
Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_L



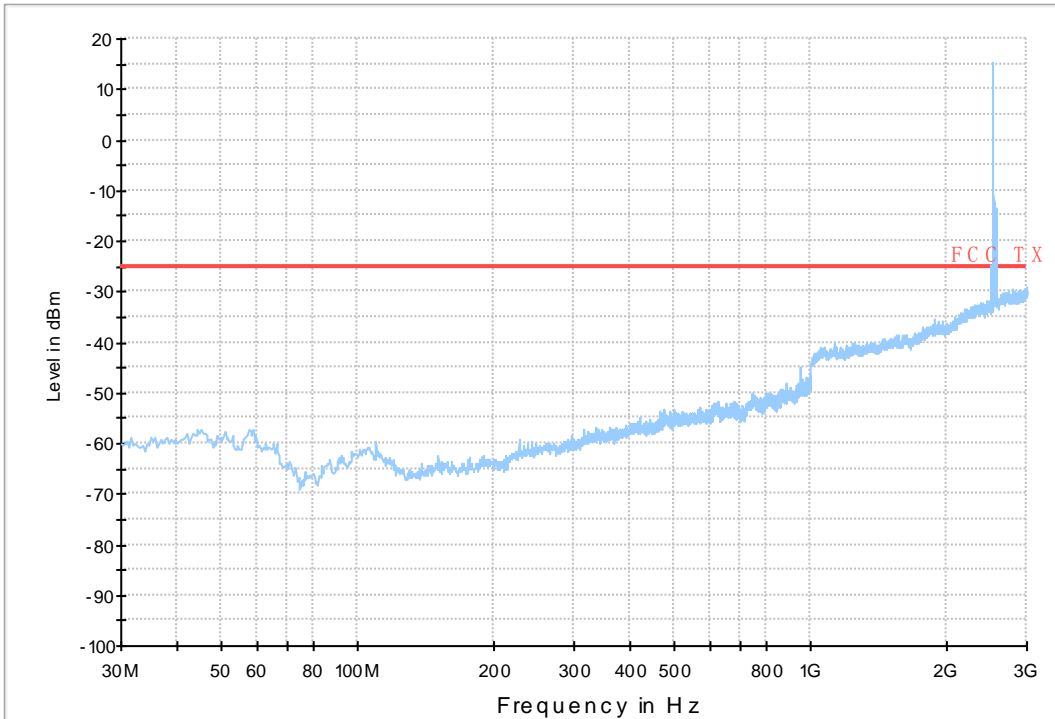
Copy of RSE-TX-DIRECTOR ABOVE 1.5G Limit -25_H



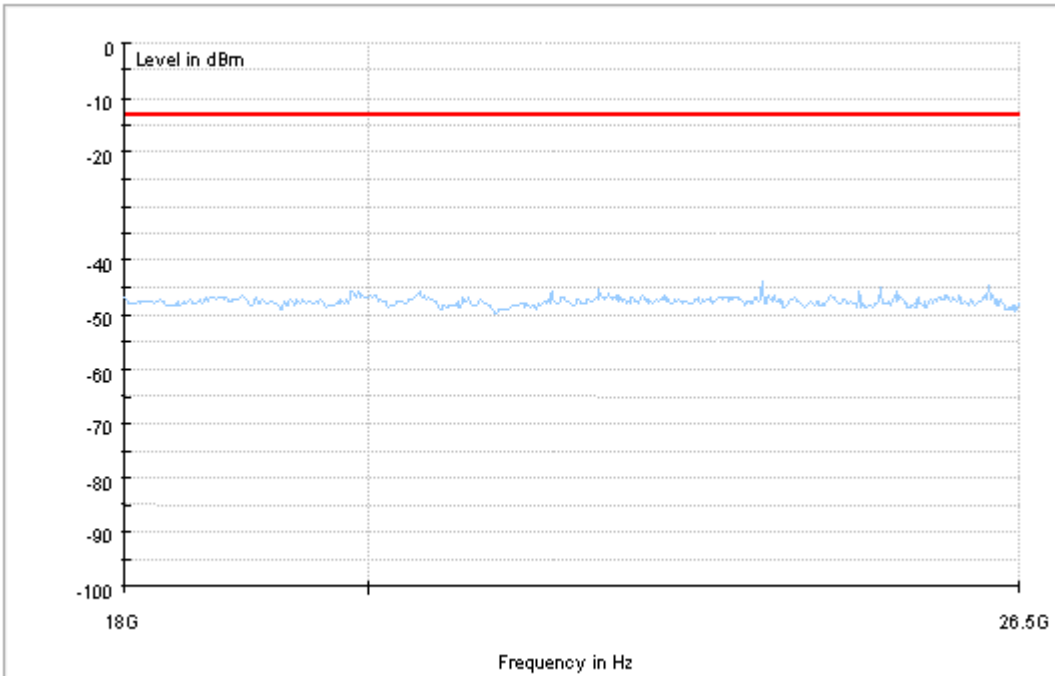
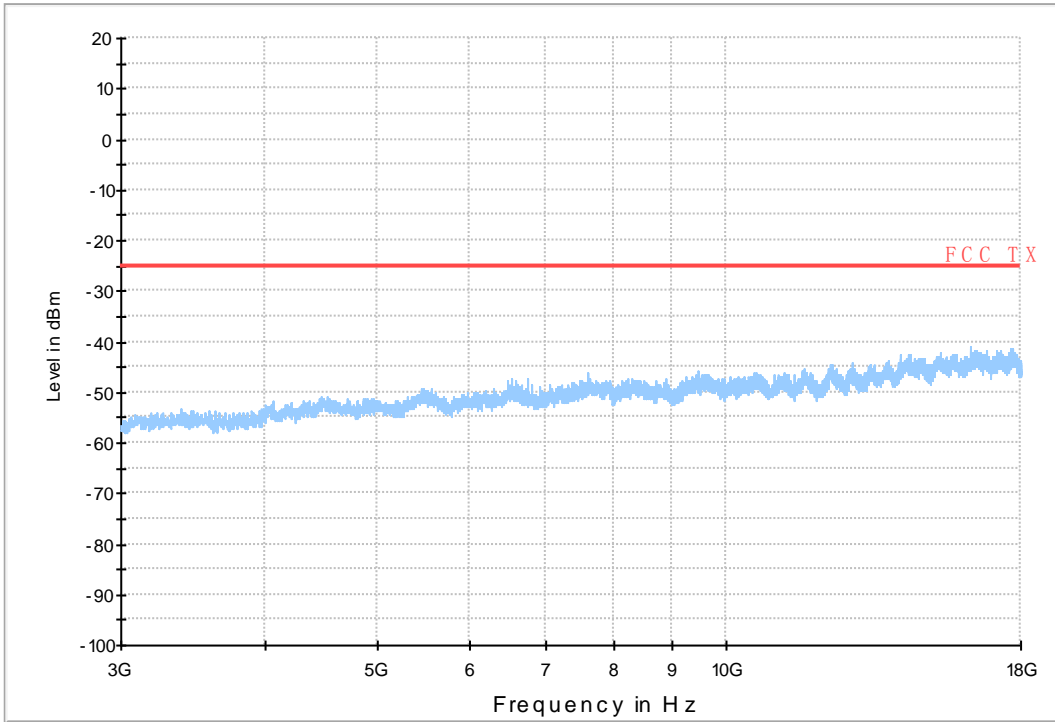
7.1.2.2 Test Bandwidth = 20



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
BAND7	LTE/TM1	5	LCH	TN	VL	-6.32	-0.00253	PASS
					VN	-4.18	-0.00167	PASS
					VH	-4.38	-0.00175	PASS
			MCH	TN	VL	2.09	0.00082	PASS
					VN	1.29	0.00051	PASS
					VH	0.77	0.0003	PASS
			HCH	TN	VL	-5.69	-0.00222	PASS
					VN	-3.58	-0.00139	PASS
					VH	-6.48	-0.00252	PASS
		10	LCH	TN	VL	-4.08	-0.00163	PASS
					VN	-1.57	-0.00063	PASS
					VH	-3.08	-0.00123	PASS
			MCH	TN	VL	4.28	0.00169	PASS
					VN	4.91	0.00194	PASS
					VH	1.93	0.00076	PASS
			HCH	TN	VL	-5.52	-0.00215	PASS
					VN	-6.29	-0.00245	PASS
					VH	-3.12	-0.00122	PASS
		15	LCH	TN	VL	-3.08	-0.00123	PASS
					VN	-0.6	-0.00024	PASS
					VH	-1.9	-0.00076	PASS
			MCH	TN	VL	-0.17	-0.00007	PASS
					VN	0.13	0.00005	PASS
					VH	1.16	0.00046	PASS
			HCH	TN	VL	-3.53	-0.00138	PASS
					VN	-1.59	-0.00062	PASS
					VH	-9.9	-0.00386	PASS
		20	LCH	TN	VL	-3.58	-0.00143	PASS
					VN	-1.8	-0.00072	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
	LTE/TM2	5	MCH	TN	VH	0.5	0.0002	PASS		
					VL	2.6	0.00103	PASS		
					VN	0.72	0.00028	PASS		
					VH	0.3	0.00012	PASS		
					HCH	TN	VL	-5.09	-0.00199	PASS
							VN	-1.66	-0.00065	PASS
			VH	-1.6			-0.00063	PASS		
			LCH	TN			VL	-4.41	-0.00176	PASS
							VN	-1.69	-0.00068	PASS
							VH	-2.07	-0.00083	PASS
					MCH	TN	VL	3.91	0.00154	PASS
							VN	5.02	0.00198	PASS
		VH					0.56	0.00022	PASS	
		HCH	TN	VL			-7.02	-0.00273	PASS	
				VN			-2.73	-0.00106	PASS	
				VH			-5.15	-0.00201	PASS	
				LCH	TN	VL	-3.16	-0.00126	PASS	
						VN	-4.66	-0.00186	PASS	
						VH	-4.01	-0.0016	PASS	
		MCH	TN			VL	3.55	0.0014	PASS	
						VN	0.33	0.00013	PASS	
						VH	0.99	0.00039	PASS	
				HCH	TN	VL	-0.57	-0.00022	PASS	
						VN	-3.88	-0.00151	PASS	
						VH	-4.16	-0.00162	PASS	
		LCH	TN			VL	-3.75	-0.0015	PASS	
						VN	-4.65	-0.00185	PASS	
						VH	0.8	0.00032	PASS	
				MCH	TN	VL	1.34	0.00053	PASS	
						VN	1.47	0.00058	PASS	
						VH	1.19	0.00047	PASS	
		HCH	TN			VL	-3.28	-0.00128	PASS	
						VN	-4.31	-0.00168	PASS	
						VH	-2.46	-0.00096	PASS	
				LCH	TN	VL	-3.75	-0.00149	PASS	
						VN	-2.72	-0.00108	PASS	
						VH	-1.92	-0.00076	PASS	
		MCH	TN			VL	-0.47	-0.00019	PASS	
						VN	0.33	0.00013	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	1.06	0.00042	PASS
			HCH	TN	VL	-0.43	-0.00017	PASS
					VN	-0.29	-0.00011	PASS
					VH	1.39	0.00054	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			
BAND7	LTE/TM1	5	LCH	VN	-30	-6.87	-0.00275	PASS			
					-20	-1.19	-0.00048	PASS			
					-10	-6.38	-0.00255	PASS			
					0	1.14	0.00046	PASS			
					10	-2.86	-0.00114	PASS			
					20	-3.88	-0.00155	PASS			
					30	0.07	0.00003	PASS			
					40	-2.06	-0.00082	PASS			
			50	-1.49	-0.0006	PASS					
						MCH	VN	-30	3.22	0.00127	PASS
								-20	3.08	0.00121	PASS
								-10	4.15	0.00164	PASS
								0	5.79	0.00228	PASS
								10	2.82	0.00111	PASS
								20	0.86	0.00034	PASS
								30	0.7	0.00028	PASS
								40	1.99	0.00079	PASS
						50	4.53	0.00179	PASS		
						HCH	VN	-30	-8.05	-0.00314	PASS
								-20	-6.59	-0.00257	PASS
								-10	-5.79	-0.00226	PASS
								0	-3.49	-0.00136	PASS
								10	-5.85	-0.00228	PASS
								20	-4.59	-0.00179	PASS
					30			-6.05	-0.00236	PASS	
					40			-1.66	-0.00065	PASS	
					50	-7.28	-0.00284	PASS			
		10	LCH	VN	-30	-1.69	-0.00067	PASS			

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	-3.29	-0.00131	PASS	
					-10	-2.17	-0.00087	PASS	
					0	0.11	0.00004	PASS	
					10	-8.27	-0.0033	PASS	
					20	-4.01	-0.0016	PASS	
					30	-1.09	-0.00044	PASS	
					40	-2.43	-0.00097	PASS	
					50	-0.06	-0.00002	PASS	
			MCH	VN	-30	4.32	0.0017	PASS	
					-20	3.99	0.00157	PASS	
					-10	3.29	0.0013	PASS	
					0	5.04	0.00199	PASS	
					10	1.92	0.00076	PASS	
					20	-0.62	-0.00024	PASS	
					30	4.41	0.00174	PASS	
					40	-0.8	-0.00032	PASS	
			HCH	VN	-30	-7.24	-0.00282	PASS	
					-20	-2.89	-0.00113	PASS	
					-10	-6.14	-0.00239	PASS	
					0	-0.96	-0.00037	PASS	
					10	-4.06	-0.00158	PASS	
					20	-3.16	-0.00123	PASS	
					30	-0.4	-0.00016	PASS	
					40	-2.19	-0.00085	PASS	
			15	LCH	VN	-30	-3.71	-0.00148	PASS
						-20	-2.42	-0.00097	PASS
						-10	-1.42	-0.00057	PASS
						0	-2.7	-0.00108	PASS
		10				-1.59	-0.00063	PASS	
		20				-2.4	-0.00096	PASS	
		30				-2.69	-0.00107	PASS	
		40				-0.23	-0.00009	PASS	
		50		-2.37	-0.00095	PASS			
		MCH		VN	-30	2.62	0.00103	PASS	
					-20	4.32	0.0017	PASS	
					-10	3.62	0.00143	PASS	
			0		2.52	0.00099	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict				
					10	-0.73	-0.00029	PASS				
					20	0.76	0.0003	PASS				
					30	1.2	0.00047	PASS				
					40	2.1	0.00083	PASS				
					50	0.62	0.00024	PASS				
			HCH	VN				-30	-7.75	-0.00302	PASS	
								-20	-3.29	-0.00128	PASS	
								-10	-3.53	-0.00138	PASS	
								0	-2.89	-0.00113	PASS	
								10	-2.33	-0.00091	PASS	
								20	-2.02	-0.00079	PASS	
								30	-2.75	-0.00107	PASS	
								40	-2.98	-0.00116	PASS	
								50	-4.08	-0.00159	PASS	
								LCH	VN			
			-20	-1.46		-0.00058	PASS					
			-10	-0.92		-0.00037	PASS					
			0	-0.04		-0.00002	PASS					
			10	1.92		0.00076	PASS					
			20	0.76		0.0003	PASS					
		30	-0.43	-0.00017		PASS						
		40	1.13	0.00045		PASS						
		50	-1.36	-0.00054		PASS						
		MCH	VN					-30	2.92		0.00115	PASS
								-20	1.42		0.00056	PASS
					-10			1.39	0.00055		PASS	
					0			1.93	0.00076		PASS	
					10			-0.54	-0.00021		PASS	
					20			1.66	0.00065		PASS	
					30			0.51	0.0002		PASS	
					40			0.99	0.00039		PASS	
		50	-0.37		-0.00015	PASS						
		HCH	VN					-30	-2.33		-0.00091	PASS
								-20	-4.81		-0.00188	PASS
								-10	-3.06	-0.0012	PASS	
								0	-4.09	-0.0016	PASS	
								10	-4.43	-0.00173	PASS	
								20	-4.45	-0.00174	PASS	
								30	-4.48	-0.00175	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	40	-2.93	-0.00114	PASS
					50	-0.59	-0.00023	PASS
					-30	-1.24	-0.0005	PASS
					-20	-2.15	-0.00086	PASS
					-10	-3.88	-0.00155	PASS
					0	-0.36	-0.00014	PASS
					10	-2.45	-0.00098	PASS
					20	0.6	0.00024	PASS
					30	-0.44	-0.00018	PASS
					40	-0.69	-0.00028	PASS
			50	-2.29	-0.00092	PASS		
			MCH	VN	-30	4.82	0.0019	PASS
					-20	6.38	0.00252	PASS
					-10	3.13	0.00123	PASS
					0	-0.19	-0.00007	PASS
					10	1.85	0.00073	PASS
					20	3.12	0.00123	PASS
					30	5.72	0.00226	PASS
					40	3.6	0.00142	PASS
					50	3.43	0.00135	PASS
		HCH			VN	-30	-4.05	-0.00158
			-20	-5.46		-0.00213	PASS	
			-10	-5.35		-0.00208	PASS	
			0	-2.73		-0.00106	PASS	
			10	-5.59		-0.00218	PASS	
			20	-6.04		-0.00235	PASS	
			30	-0.33		-0.00013	PASS	
			40	-0.3		-0.00012	PASS	
			50	-4.03		-0.00157	PASS	
			10	LCH		VN	-30	-0.7
		-20			-1.19		-0.00048	PASS
		-10			-3.3		-0.00132	PASS
		0			-3.46		-0.00138	PASS
		10			-1.36		-0.00054	PASS
		20			-10.61		-0.00424	PASS
		30			1.54		0.00061	PASS
		40			-1.57		-0.00063	PASS
		50			0.41		0.00016	PASS
		MCH			VN		-30	2.25



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					10	-2.66	-0.00104	PASS			
					20	-2.43	-0.00095	PASS			
					30	-3.05	-0.00119	PASS			
					40	-0.97	-0.00038	PASS			
					50	-1.39	-0.00054	PASS			
					20	LCH	VN	-30	-2.22	-0.00088	PASS
								-20	-2.53	-0.00101	PASS
								-10	-0.19	-0.00008	PASS
								0	-2.25	-0.0009	PASS
								10	-2.09	-0.00083	PASS
		20	-1.12	-0.00045				PASS			
		30	-1.23	-0.00049				PASS			
		40	-0.9	-0.00036				PASS			
		50	-0.64	-0.00025				PASS			
		20	MCH	VN				-30	2.15	0.00085	PASS
					-20	1.23	0.00049	PASS			
					-10	1.37	0.00054	PASS			
					0	1.67	0.00066	PASS			
					10	0.26	0.0001	PASS			
					20	1.06	0.00042	PASS			
					30	1.33	0.00052	PASS			
					40	1.03	0.00041	PASS			
					50	-1.23	-0.00049	PASS			
					20	HCH	VN	-30	2.27	0.00089	PASS
		-20	3.91	0.00153				PASS			
		-10	1.82	0.00071				PASS			
		0	2.17	0.00085				PASS			
		10	-0.27	-0.00011				PASS			
		20	-0.94	-0.00037				PASS			
		30	0.01	0				PASS			
40	1.02	0.0004	PASS								
50	0.82	0.00032	PASS								

END