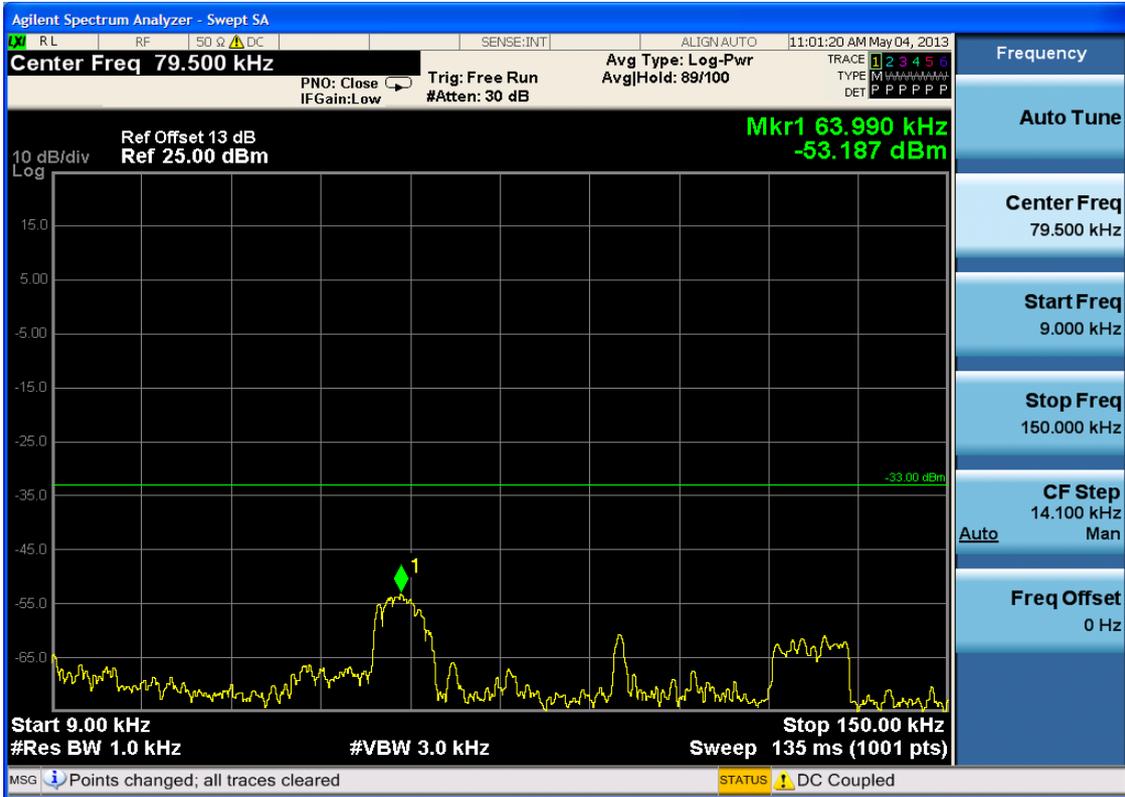
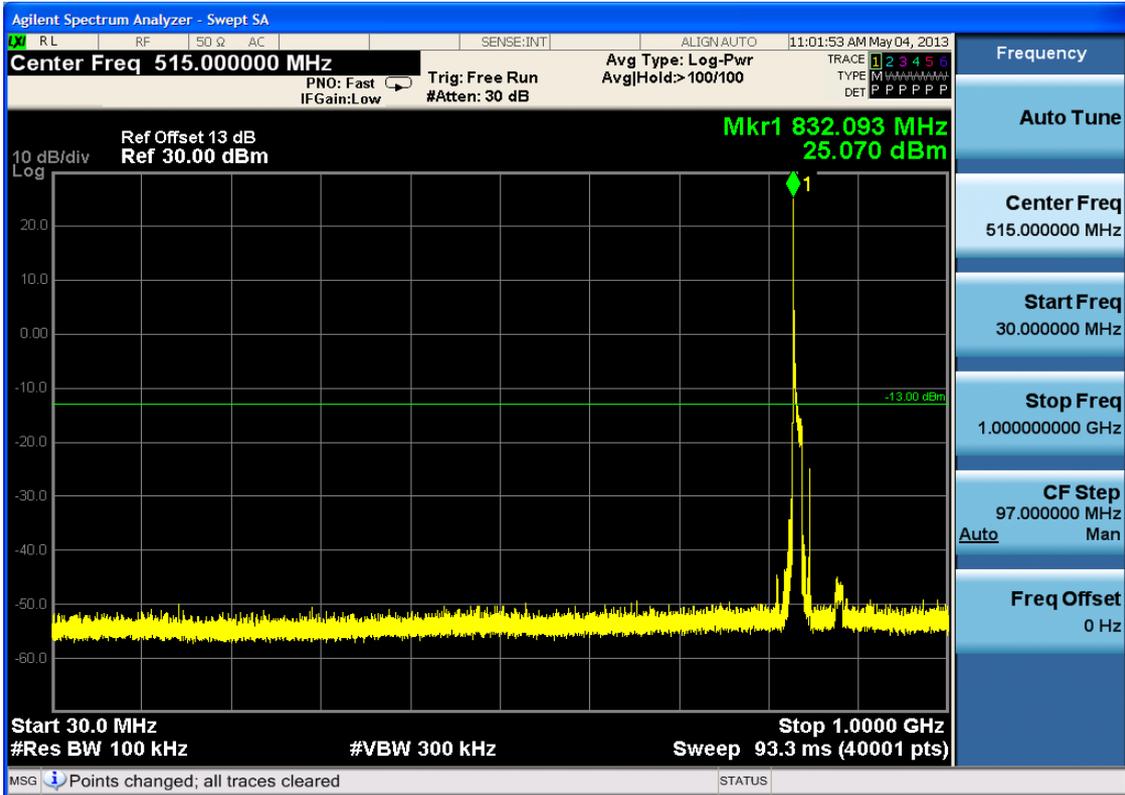
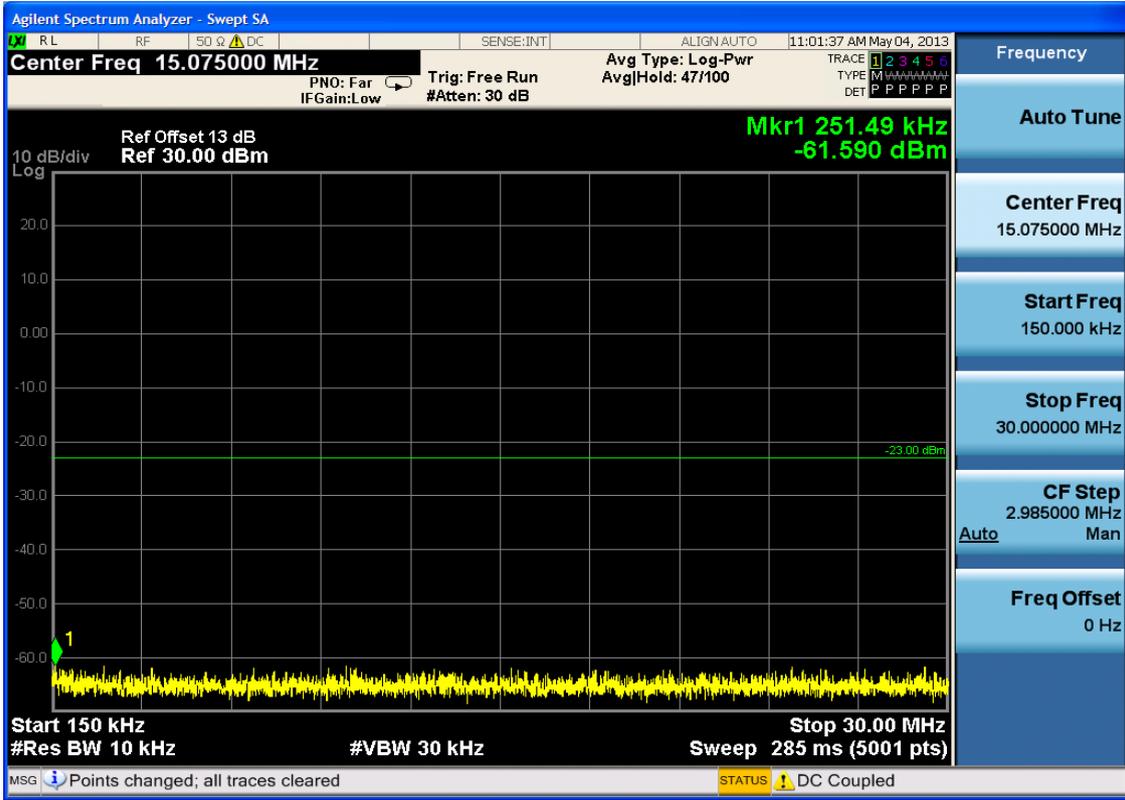
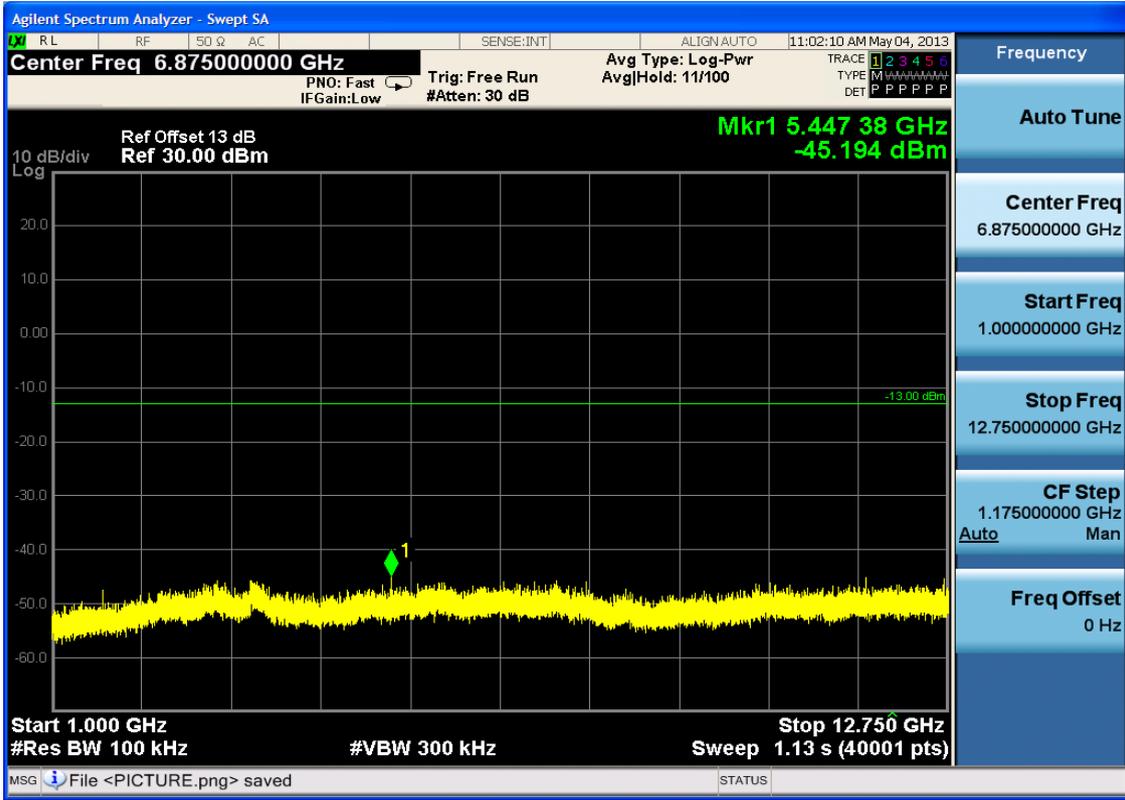


6.3.1.2.2.2 Test Channel = HCH

6.3.1.2.2.2.1 Test RB = RB1#0





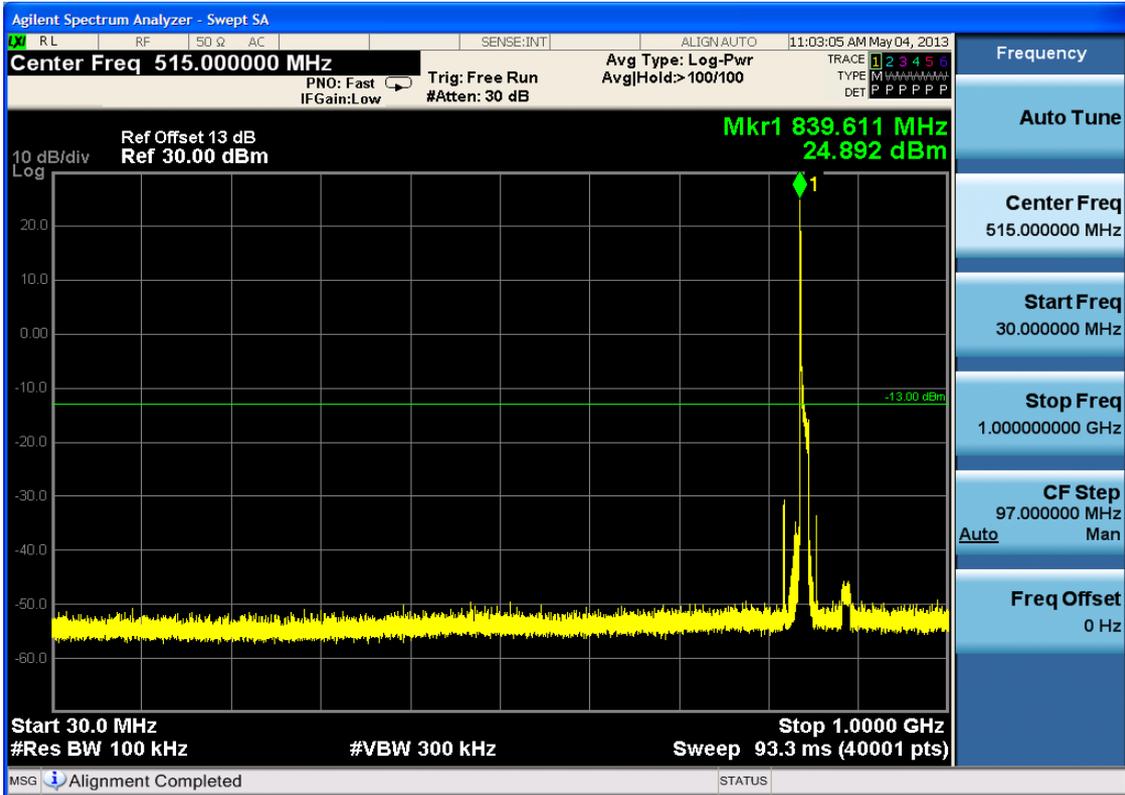
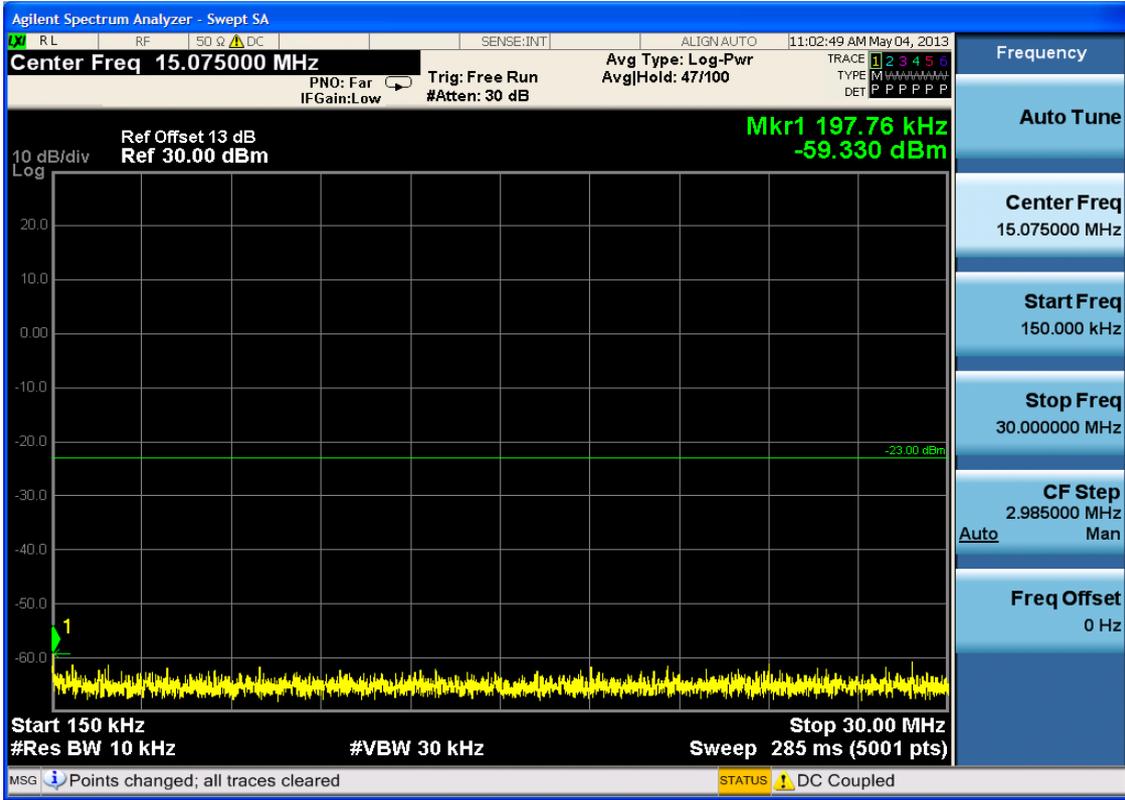


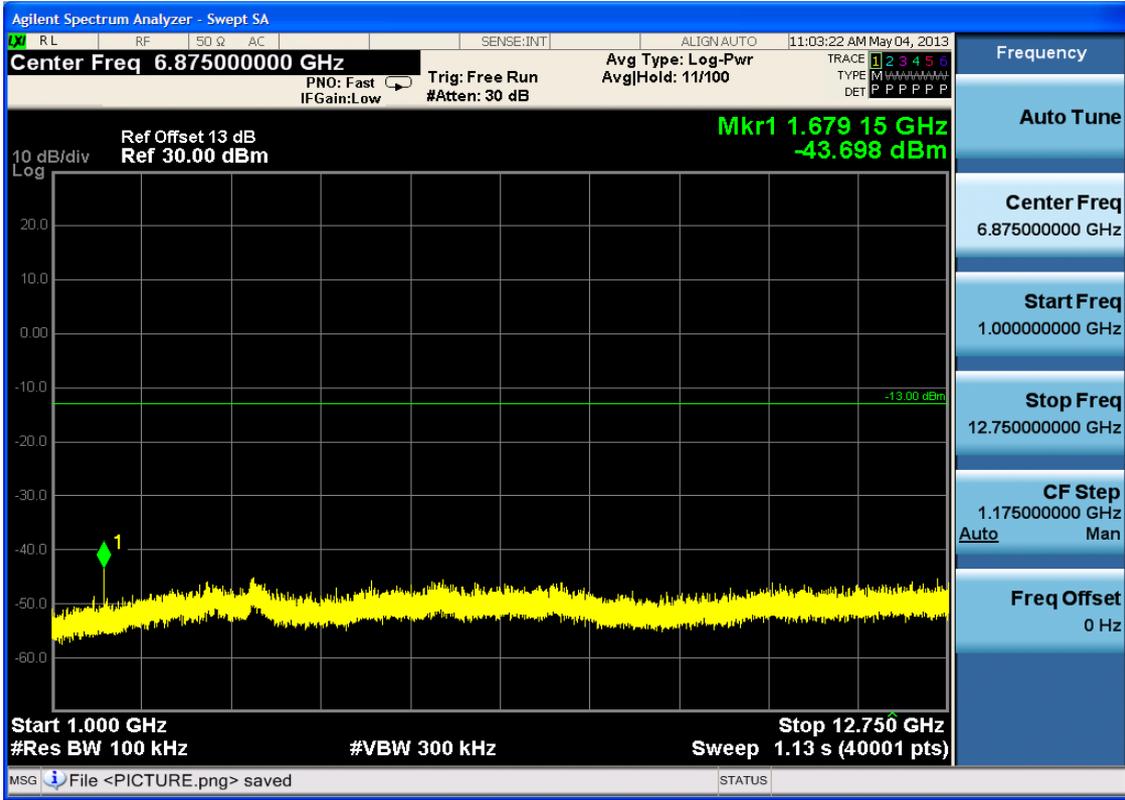


6.3.1.2.2.3 Test Channel = MCH

6.3.1.2.2.3.1 Test RB = RB1#0







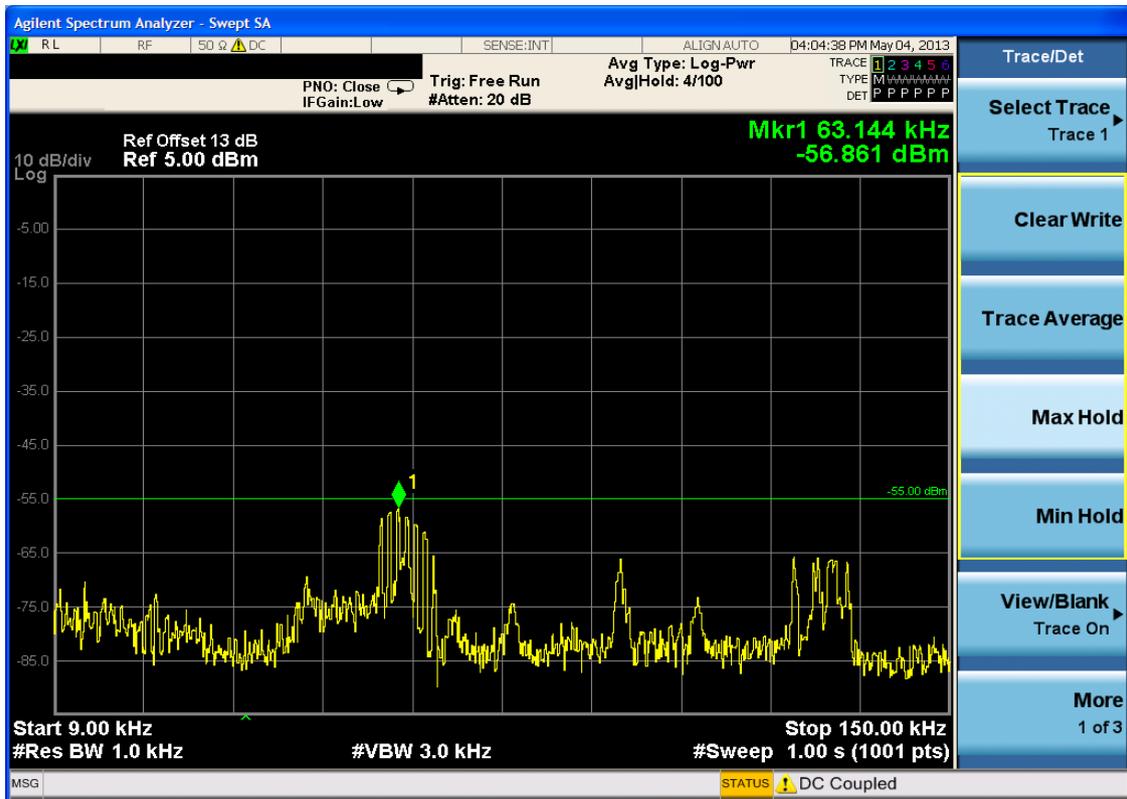
6.3.2 Test Band = BAND7

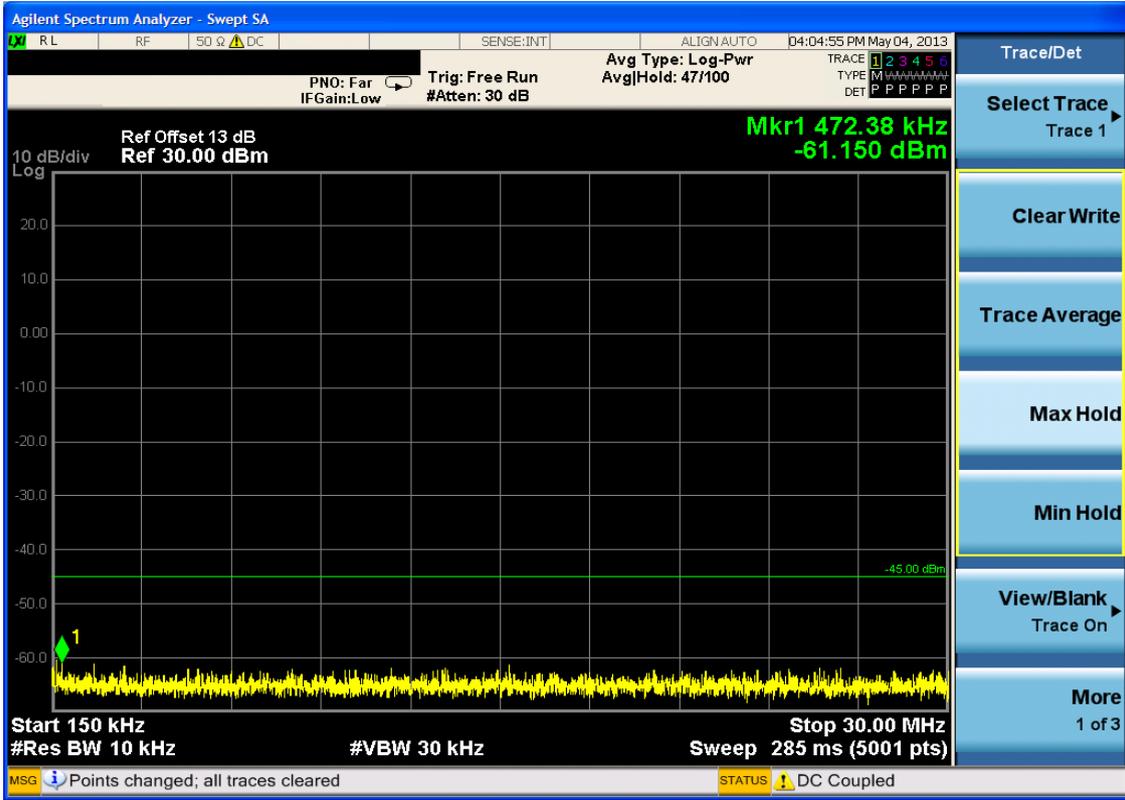
6.3.2.1 Test Mode = LTE/TM1

6.3.2.1.1 Test Bandwidth = 5

6.3.2.1.1.1 Test Channel = LCH

6.3.2.1.1.1.1 Test RB = RB1#0

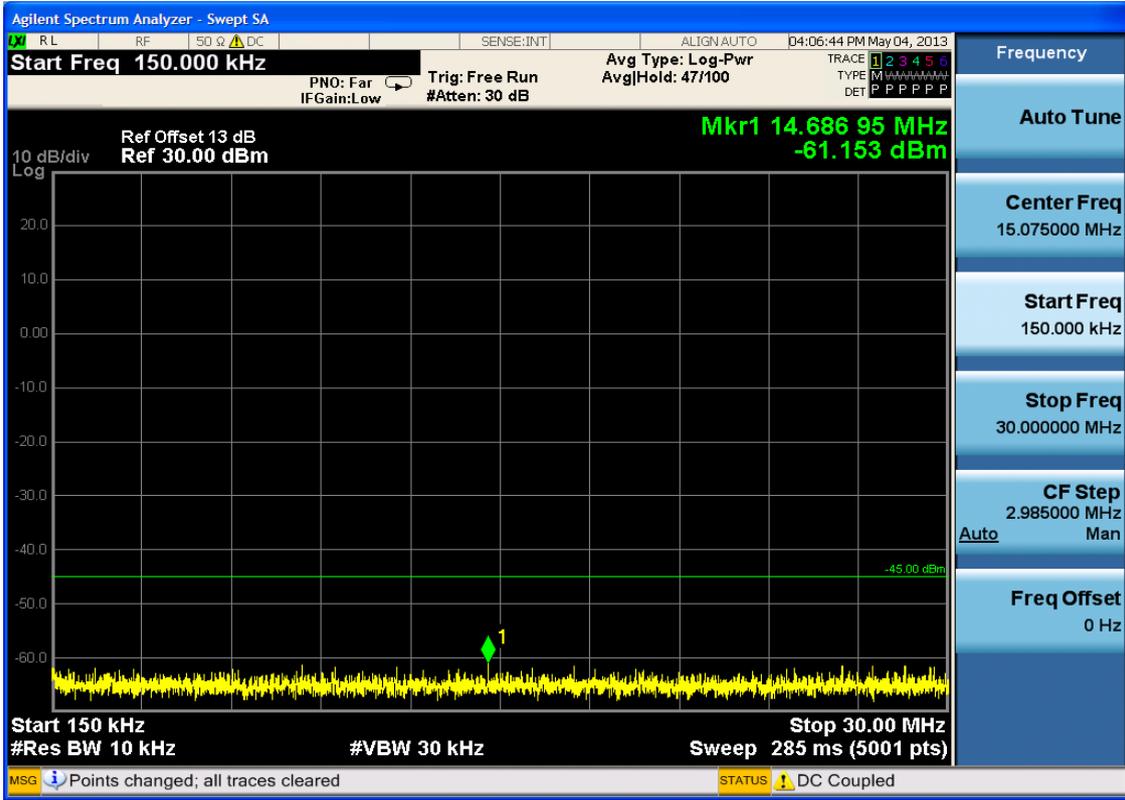




6.3.2.1.1.2 Test Channel = HCH

6.3.2.1.1.2.1 Test RB = RB1#0

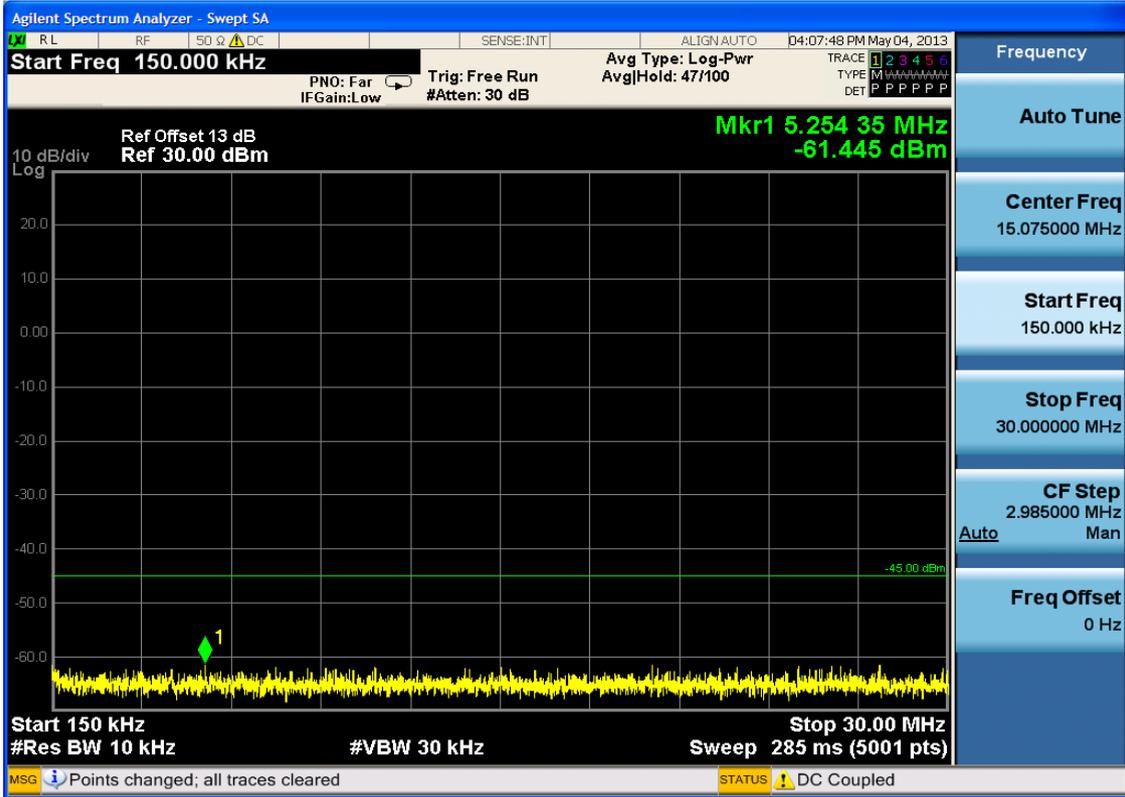




6.3.2.1.1.3 Test Channel = MCH

6.3.2.1.1.3.1 Test RB = RB1#0





6.3.2.1.2 Test Bandwidth = 10

6.3.2.1.2.1 Test Channel = LCH

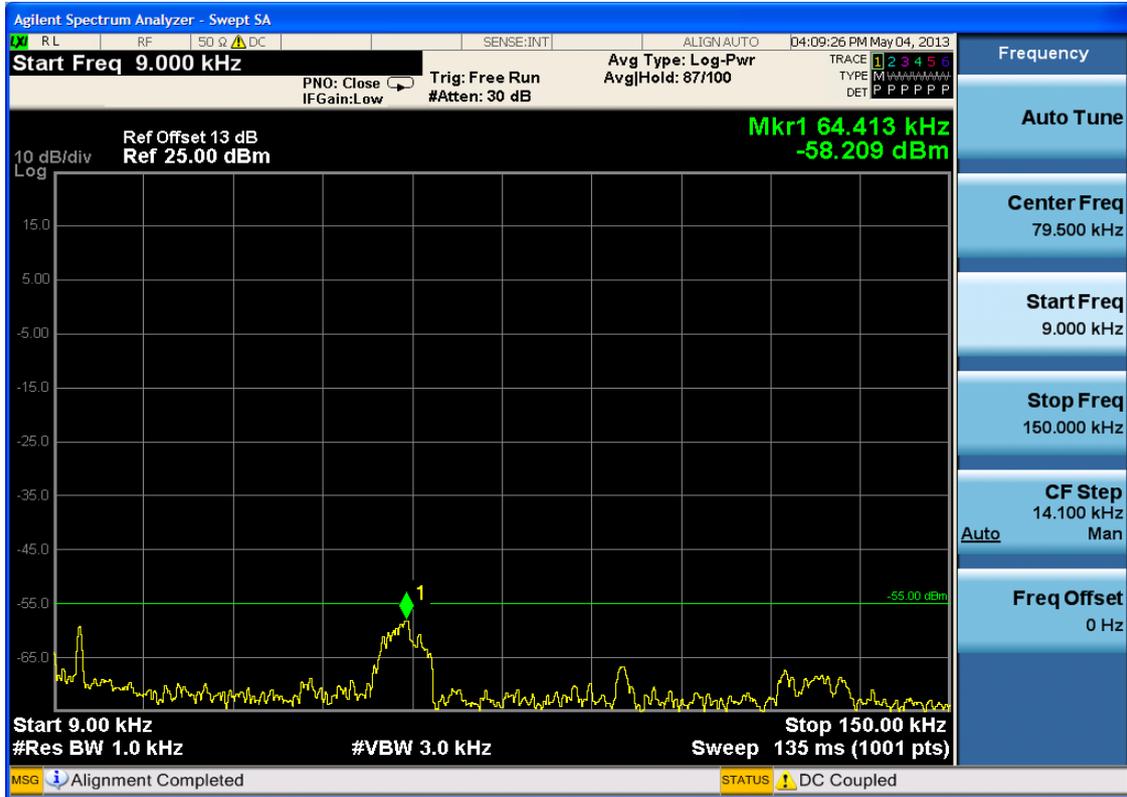
6.3.2.1.2.1.1 Test RB = RB1#0





6.3.2.1.2.2 Test Channel = HCH

6.3.2.1.2.2.1 Test RB = RB1#0





6.3.2.1.2.3 Test Channel = MCH

6.3.2.1.2.3.1 Test RB = RB1#0



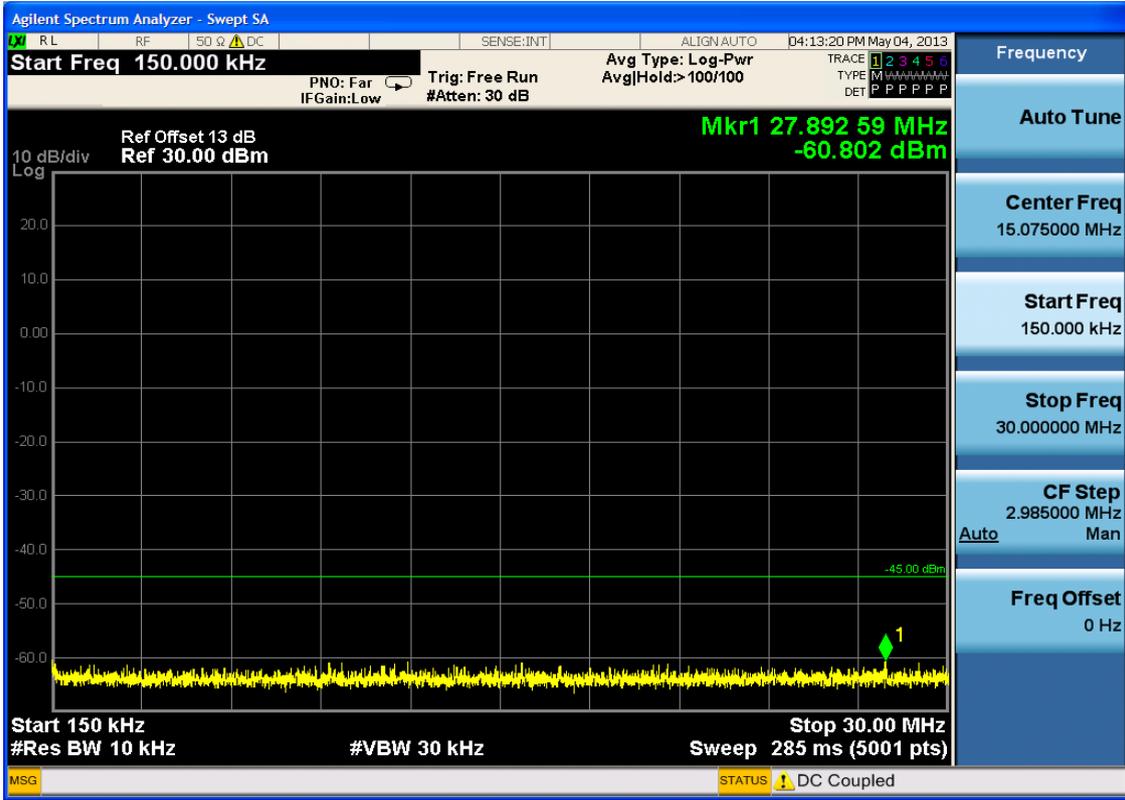


6.3.2.1.3 Test Bandwidth = 15

6.3.2.1.3.1 Test Channel = LCH

6.3.2.1.3.1.1 Test RB = RB1#0



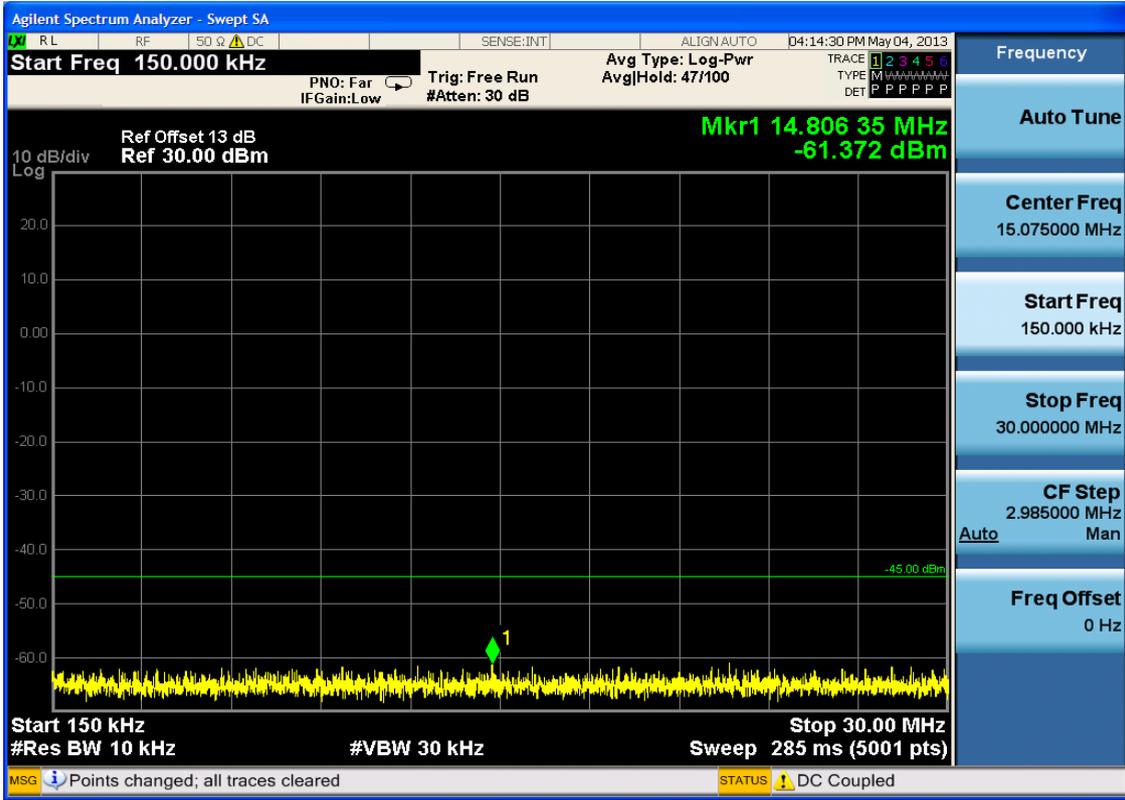


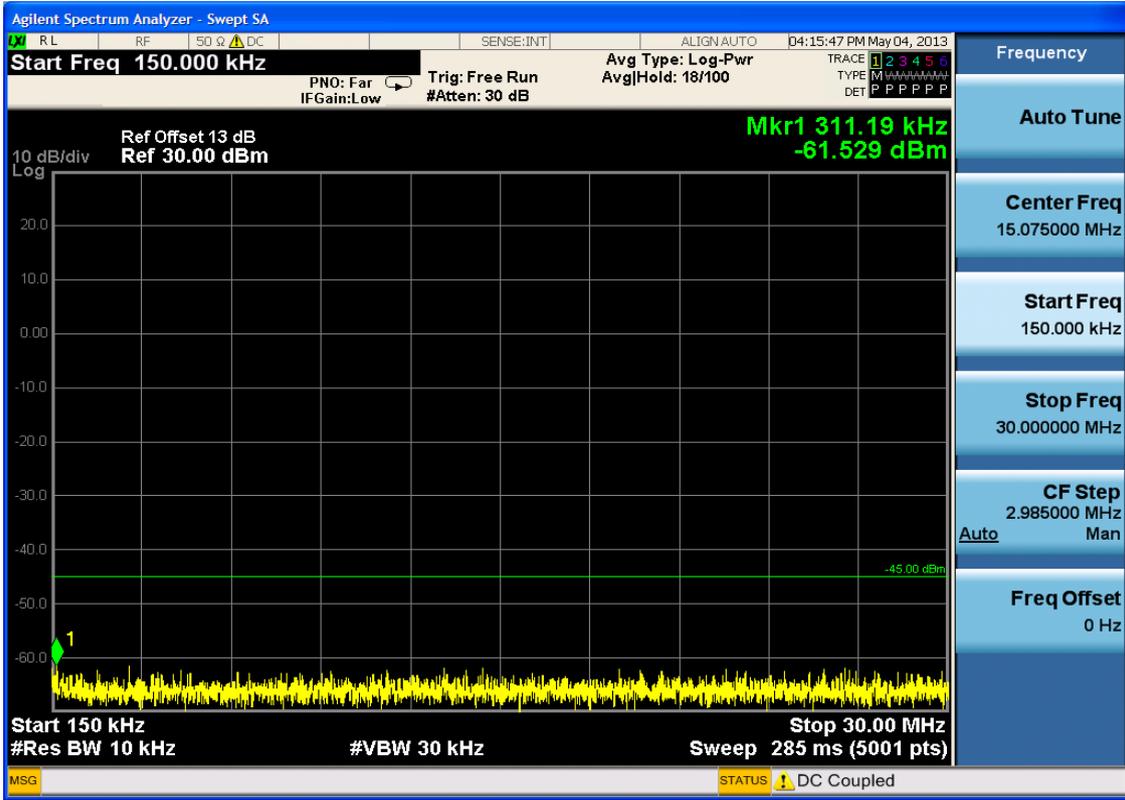


6.3.2.1.3.2 Test Channel = HCH

6.3.2.1.3.2.1 Test RB = RB1#0



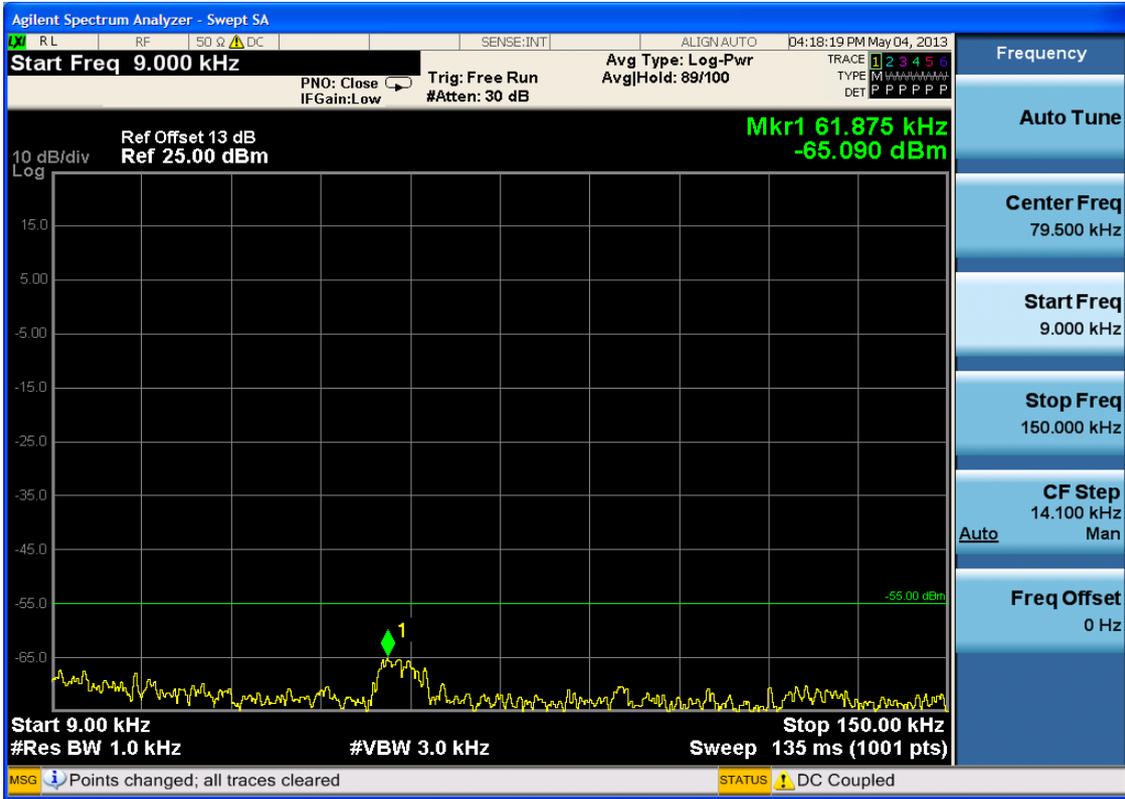


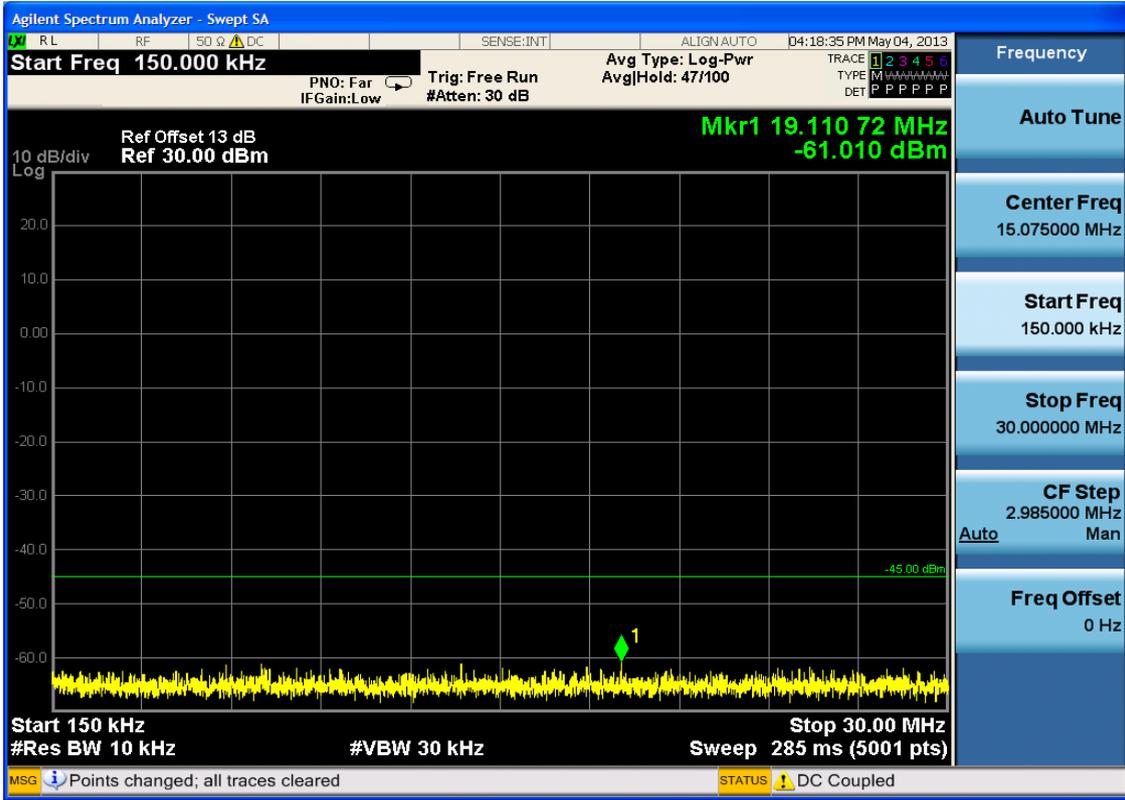




6.3.2.1.4.2 Test Channel = HCH

6.3.2.1.4.2.1 Test RB = RB1#0

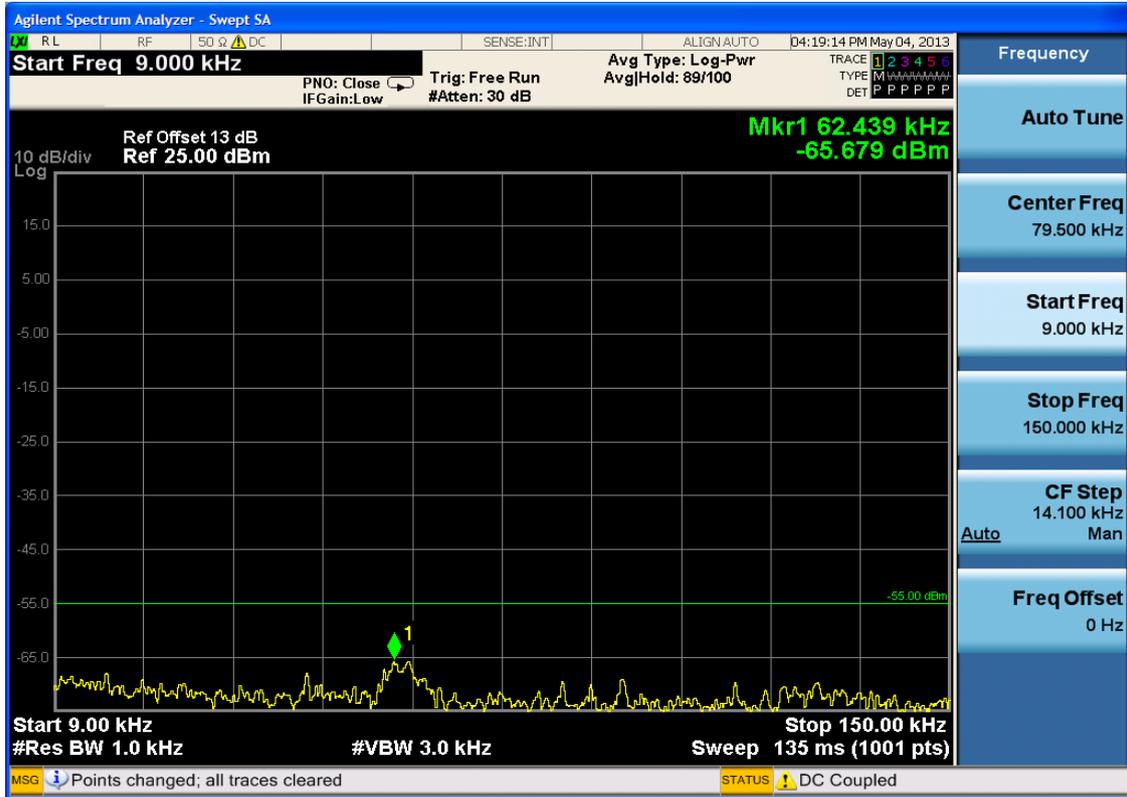






6.3.2.1.4.3 Test Channel = MCH

6.3.2.1.4.3.1 Test RB = RB1#0





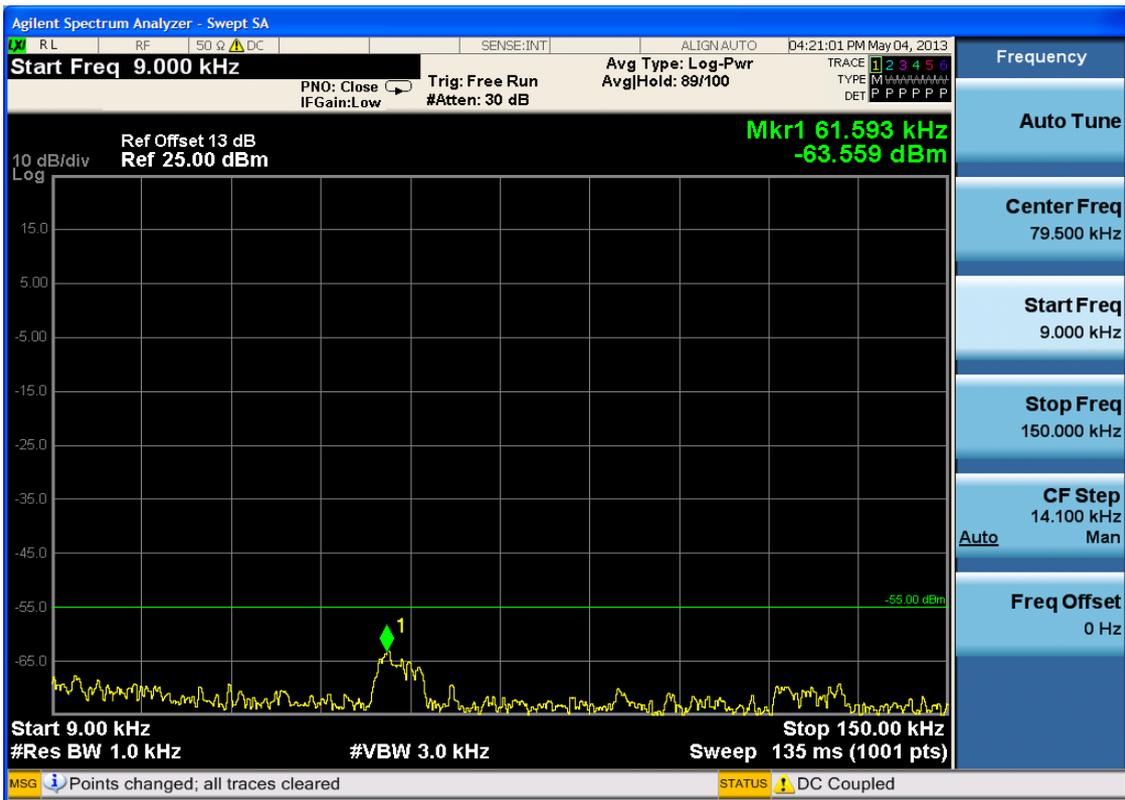


6.3.2.2 Test Mode = LTE/TM2

6.3.2.2.1 Test Bandwidth = 5

6.3.2.2.1.1 Test Channel = LCH

6.3.2.2.1.1.1 Test RB = RB1#0

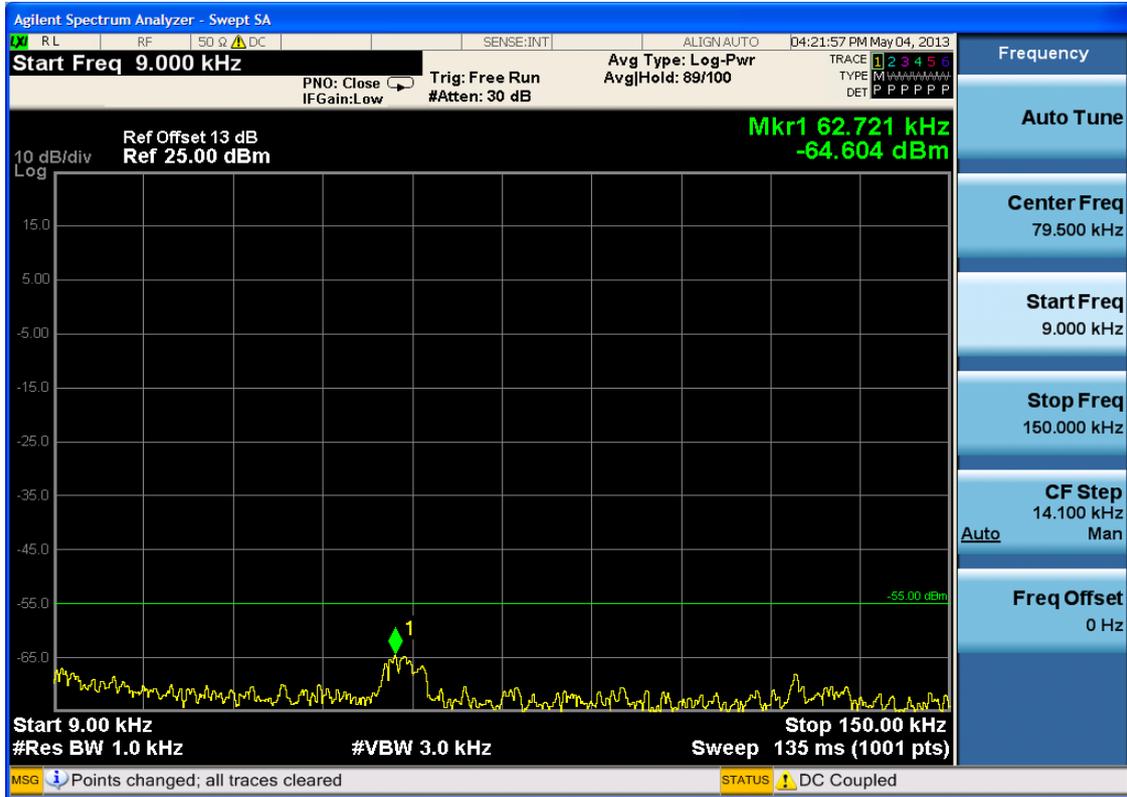


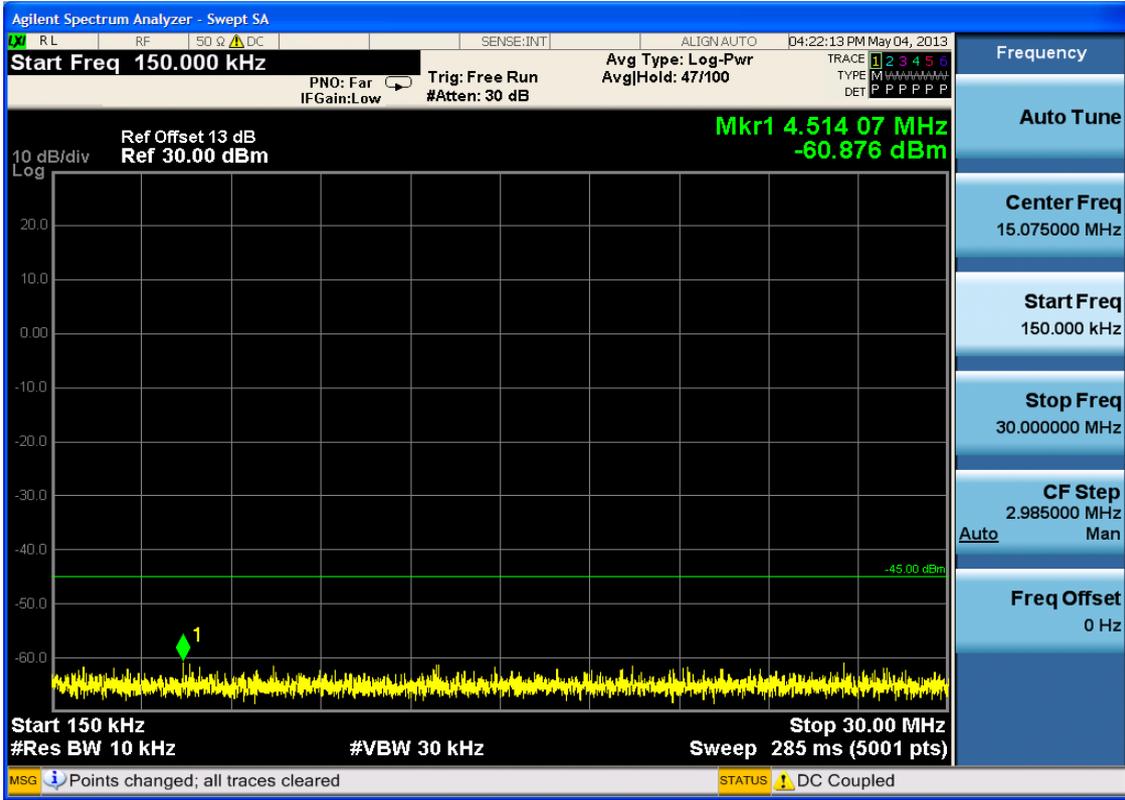




6.3.2.2.1.2 Test Channel = HCH

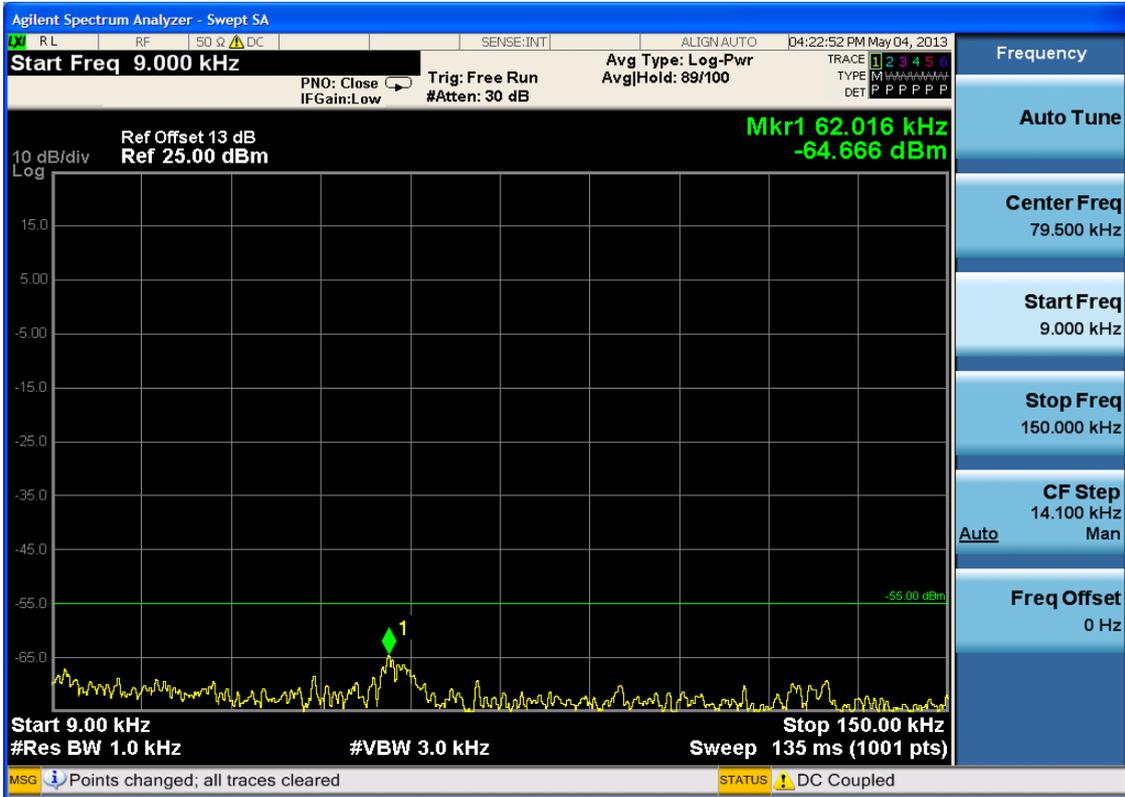
6.3.2.2.1.2.1 Test RB = RB1#0

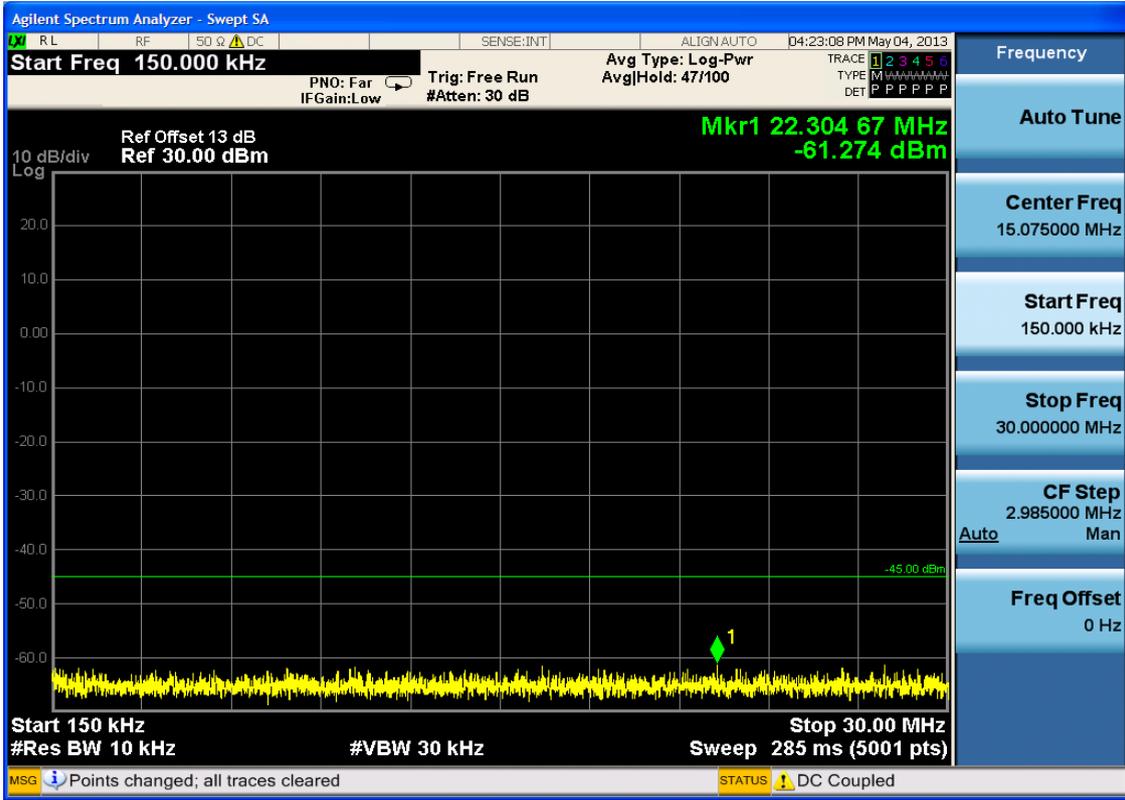




6.3.2.2.1.3 Test Channel = MCH

6.3.2.2.1.3.1 Test RB = RB1#0



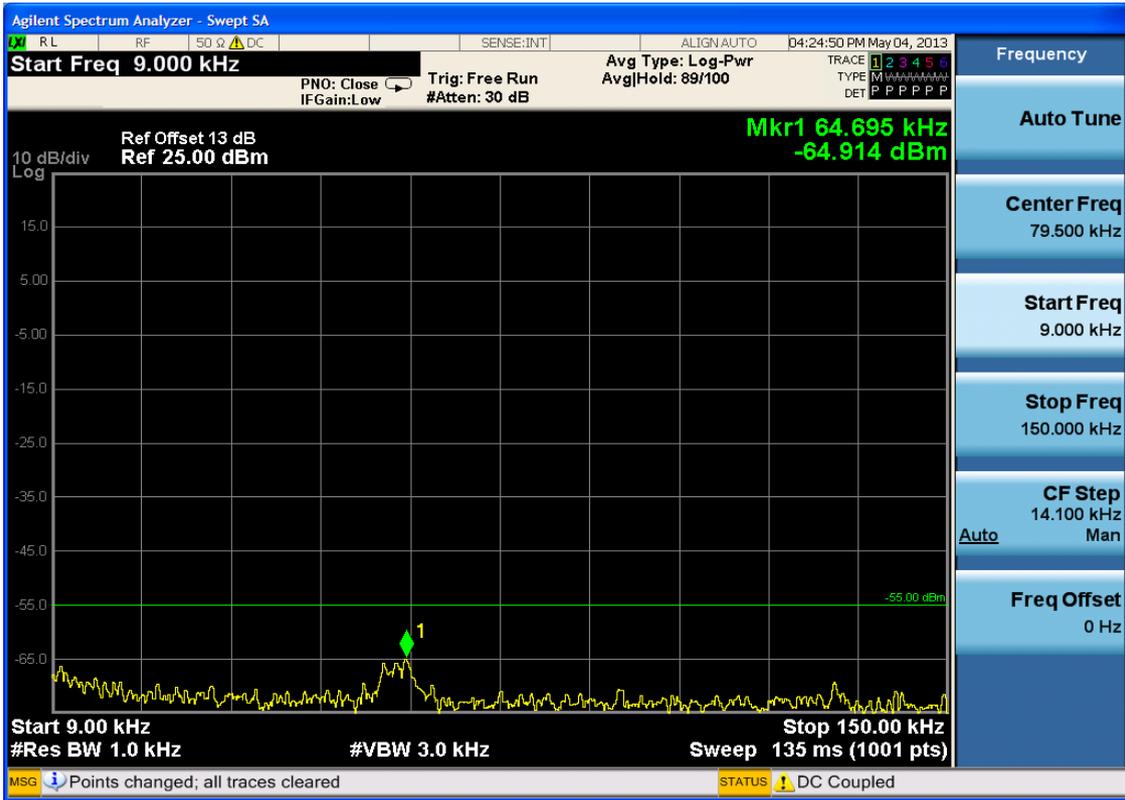


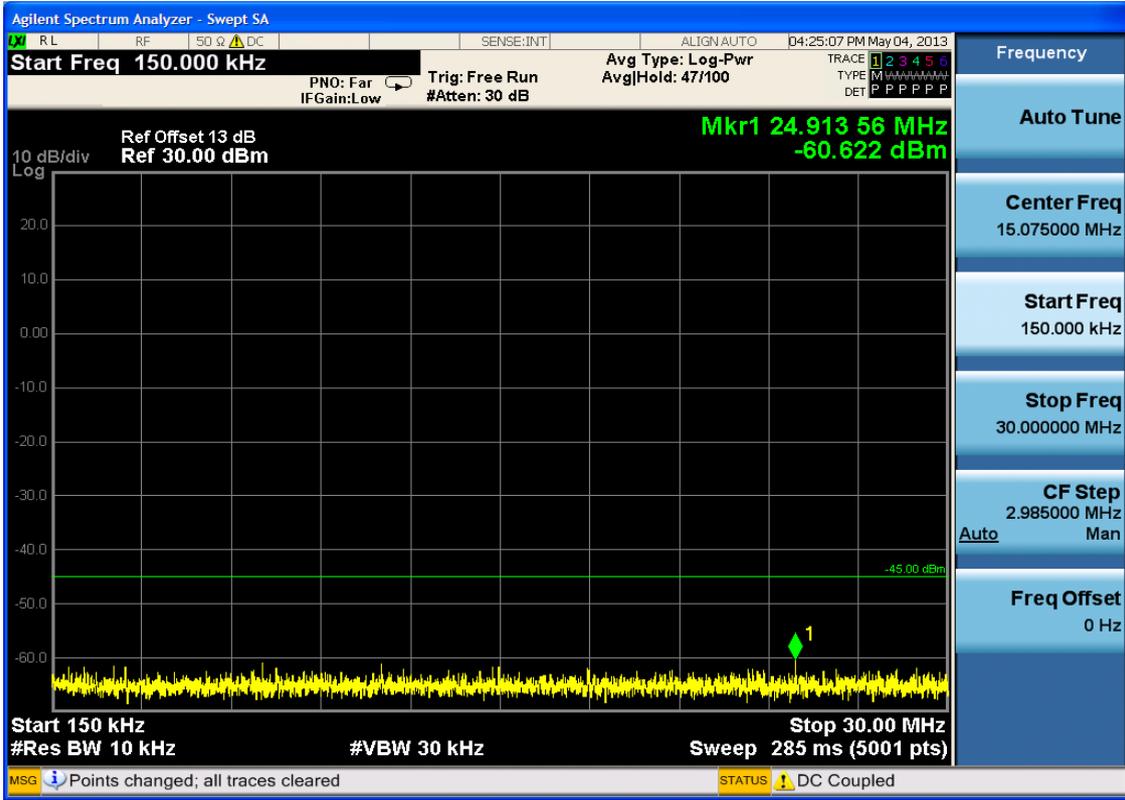


6.3.2.2.2 Test Bandwidth = 10

6.3.2.2.2.1 Test Channel = LCH

6.3.2.2.2.1.1 Test RB = RB1#0

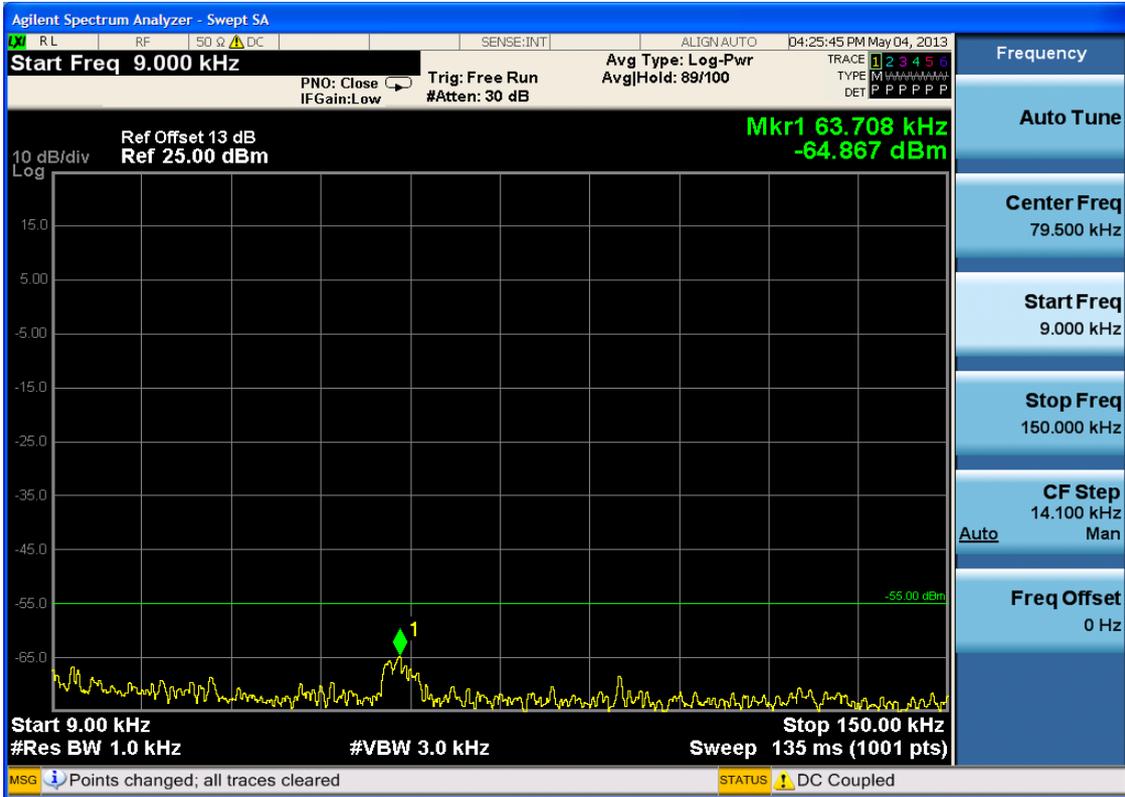






6.3.2.2.2 Test Channel = HCH

6.3.2.2.2.1 Test RB = RB1#0

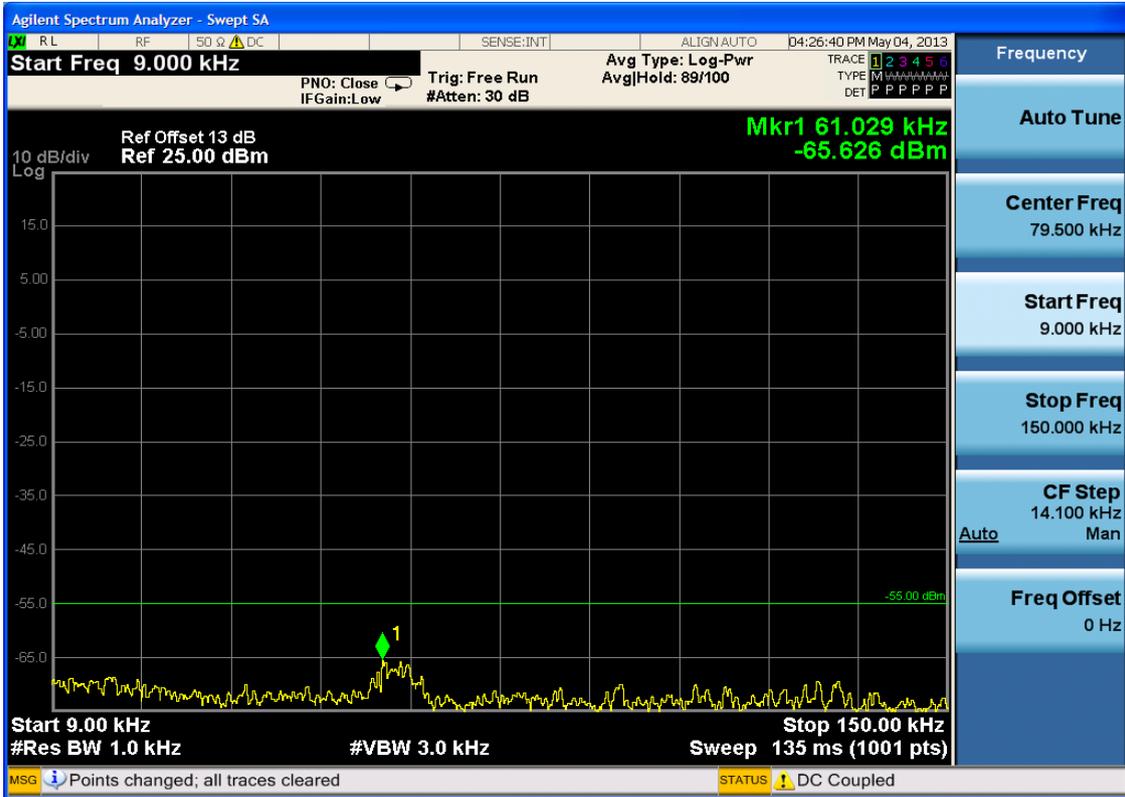






6.3.2.2.2.3 Test Channel = MCH

6.3.2.2.2.3.1 Test RB = RB1#0





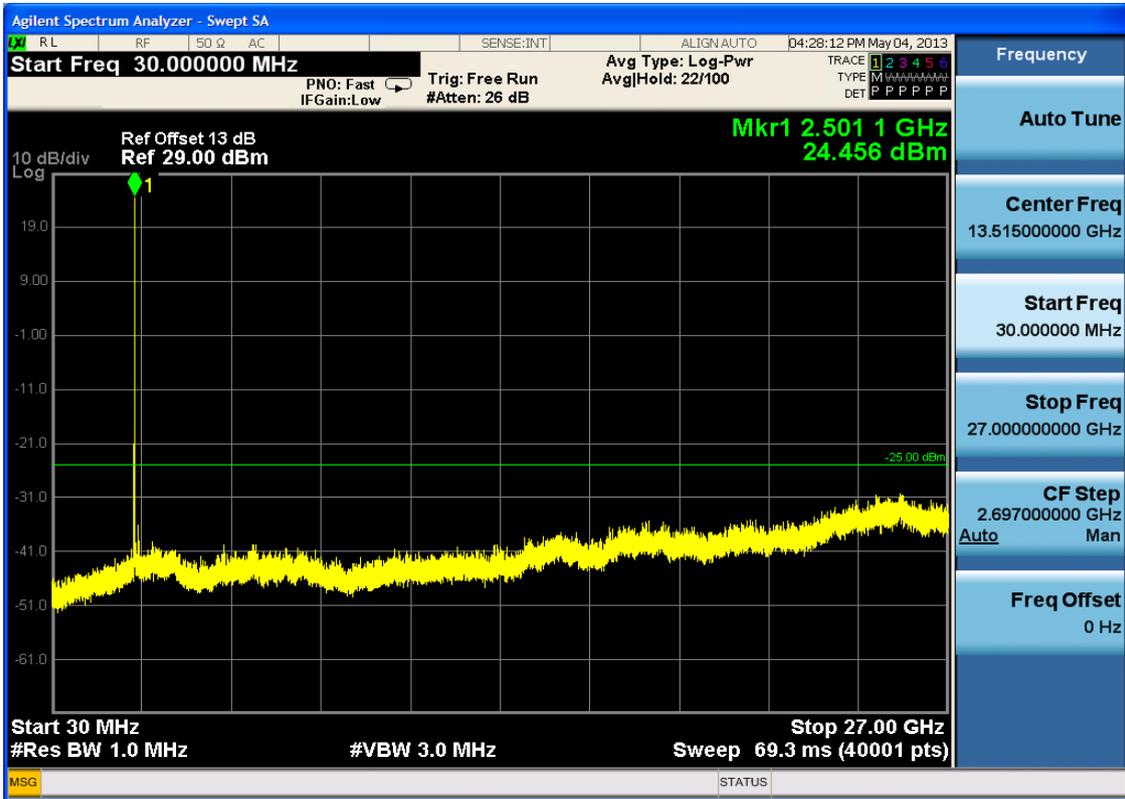


6.3.2.2.3 Test Bandwidth = 15

6.3.2.2.3.1 Test Channel = LCH

6.3.2.2.3.1.1 Test RB = RB1#0

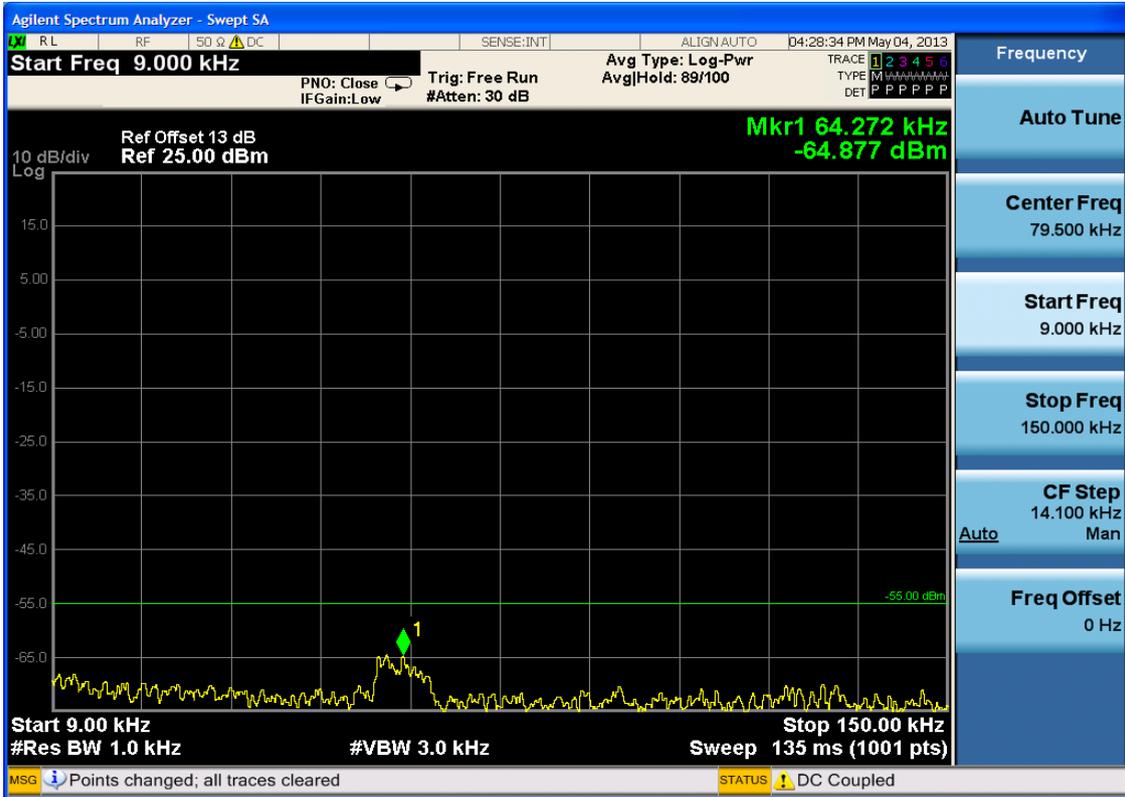






6.3.2.2.3.2 Test Channel = HCH

6.3.2.2.3.2.1 Test RB = RB1#0

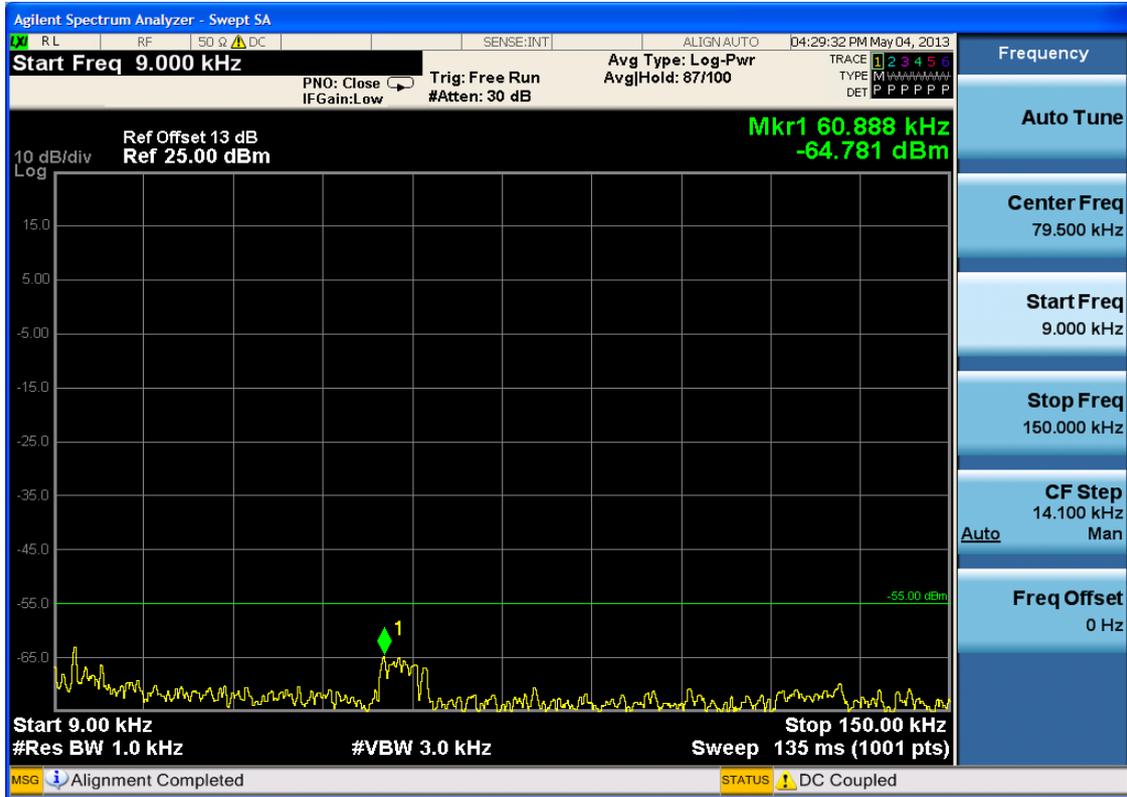






6.3.2.2.3.3 Test Channel = MCH

6.3.2.2.3.3.1 Test RB = RB1#0





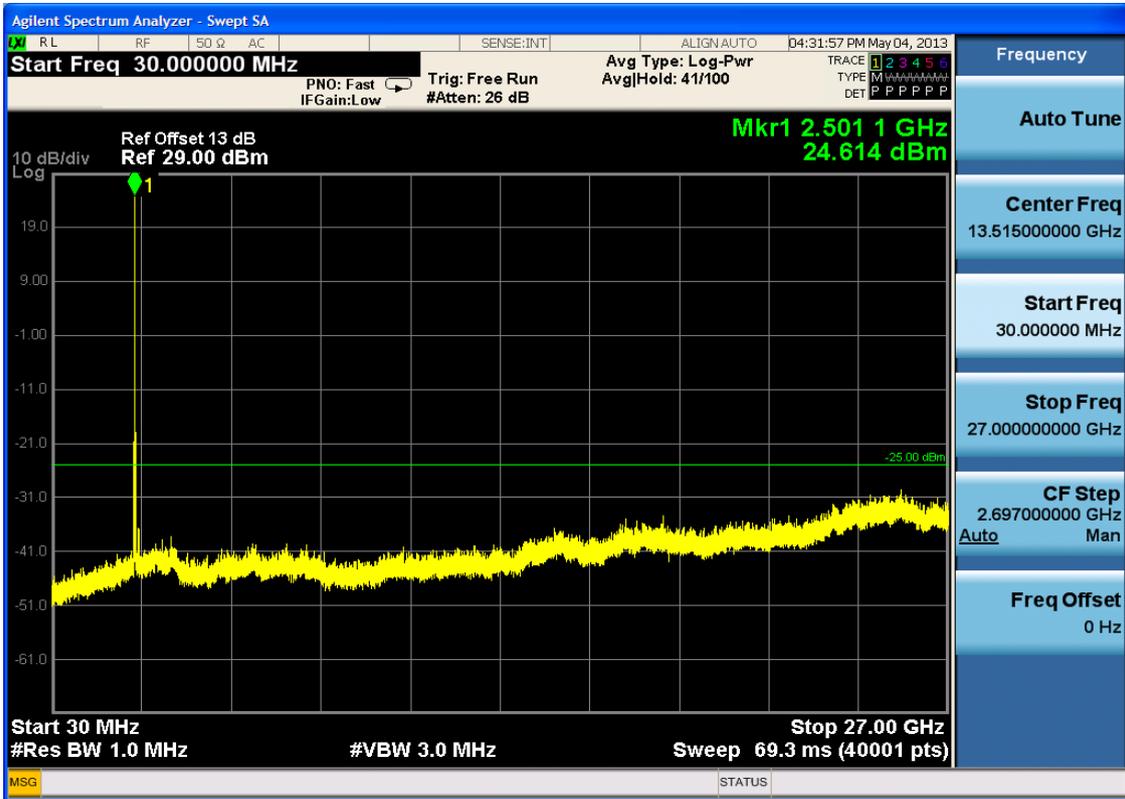


6.3.2.2.4 Test Bandwidth = 20

6.3.2.2.4.1 Test Channel = LCH

6.3.2.2.4.1.1 Test RB = RB1#0

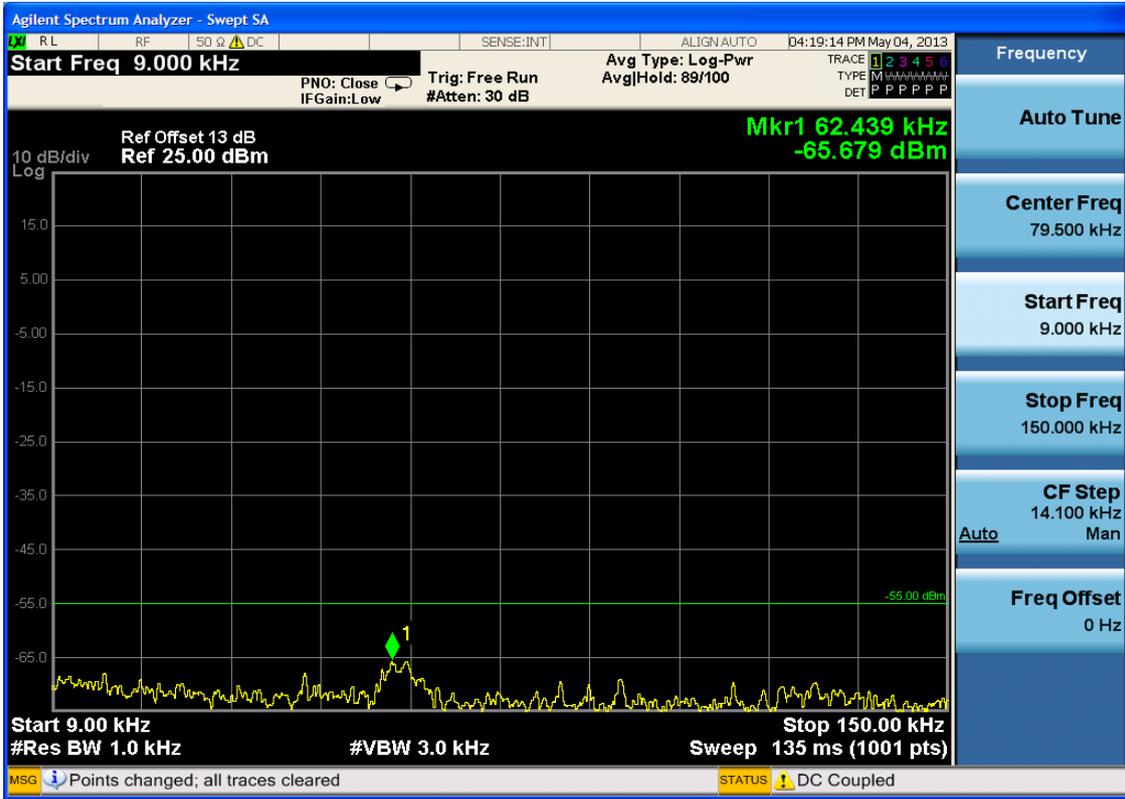


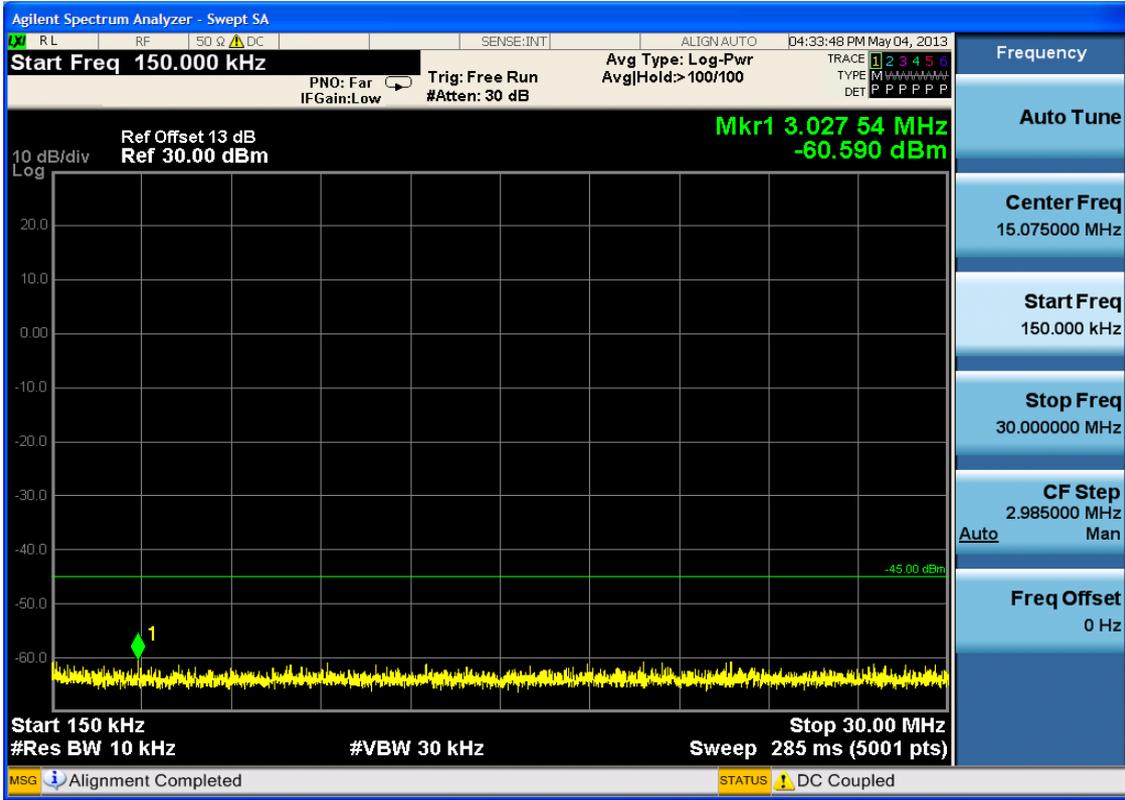




6.3.2.2.4.2 Test Channel = HCH

6.3.2.2.4.2.1 Test RB = RB1#0

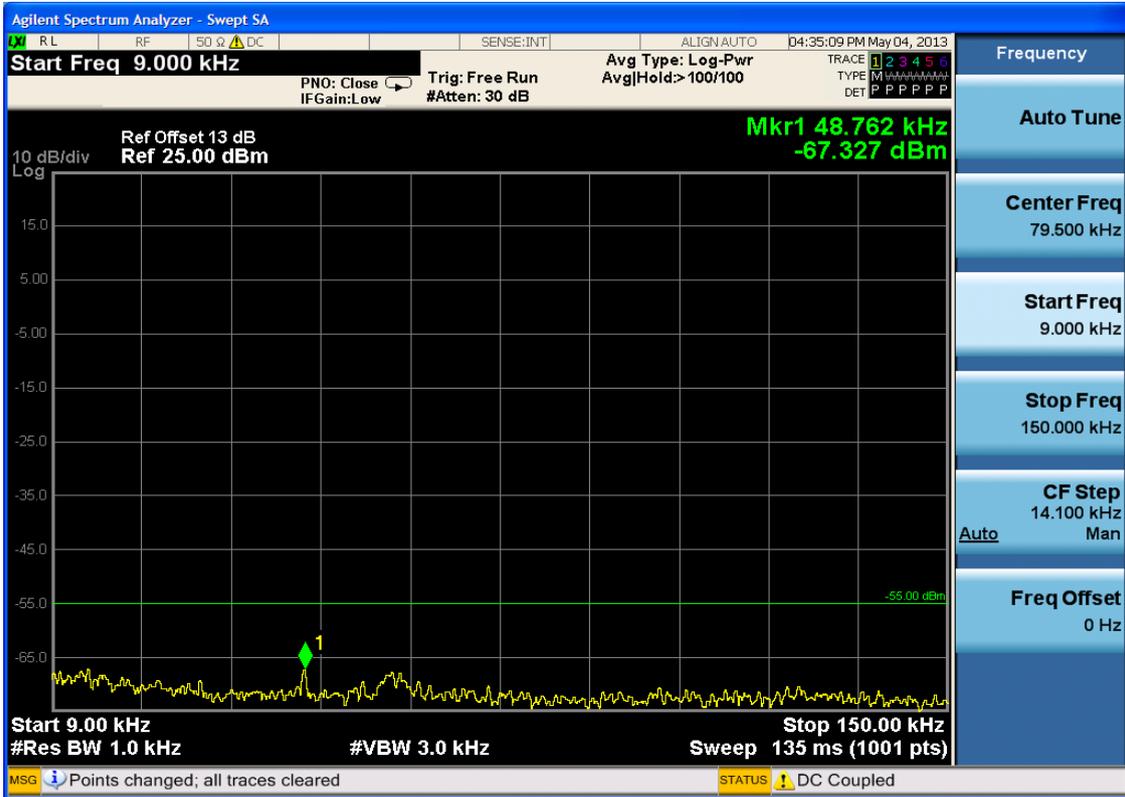


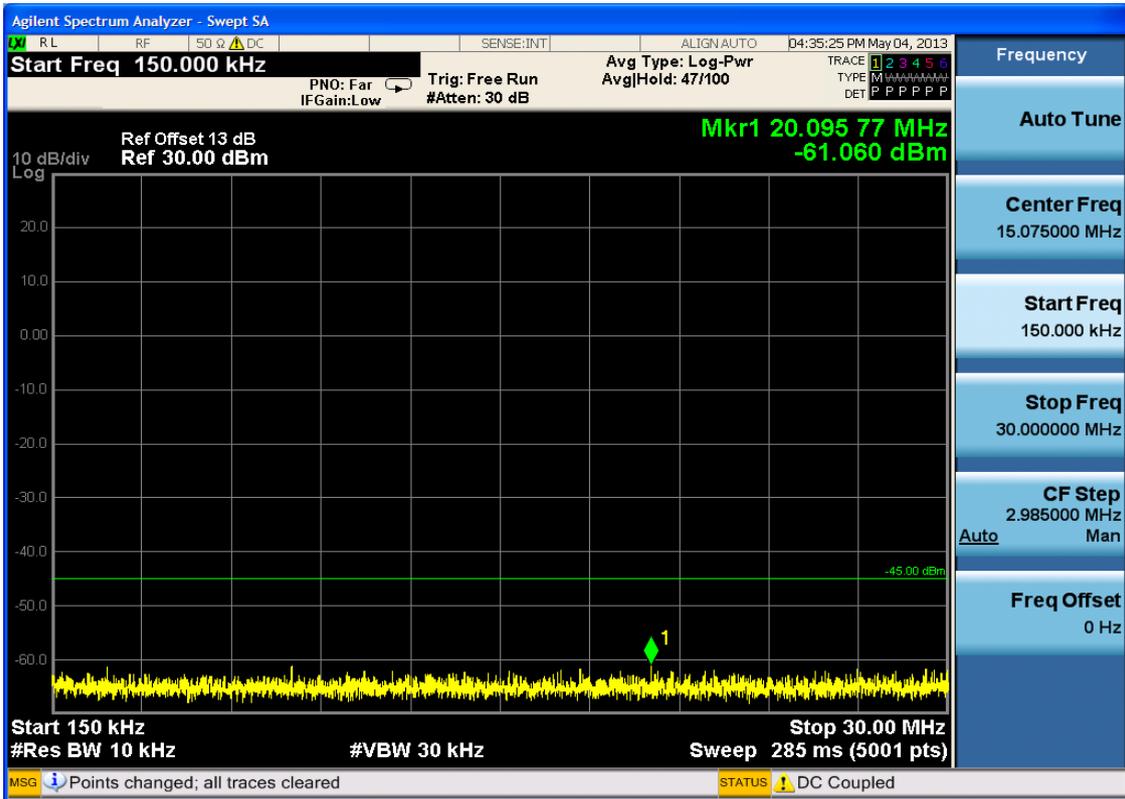




6.3.2.2.4.3 Test Channel = MCH

6.3.2.2.4.3.1 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

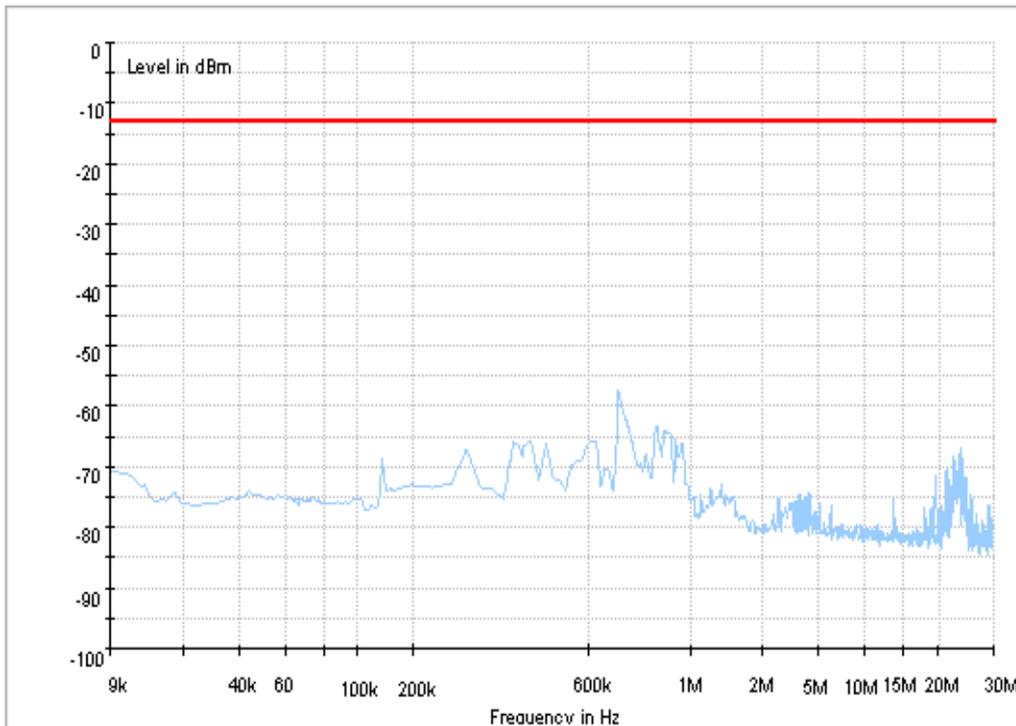
The simultaneous transmission has been considered.

Part I - Test Plots

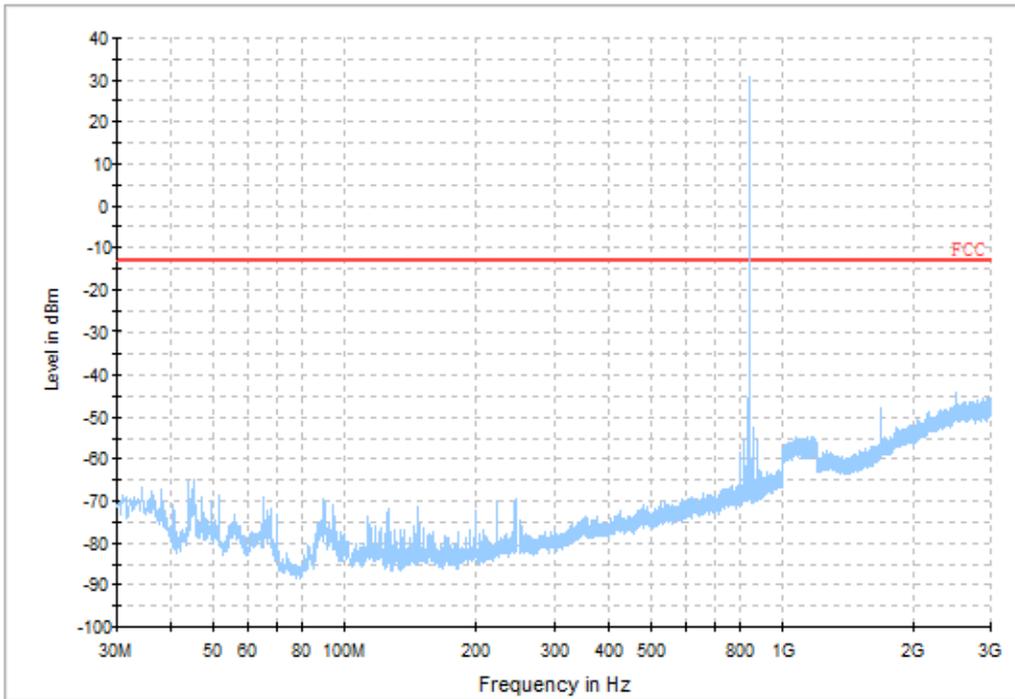
7.1 For GSM

7.1.1 Test Band = GSM850

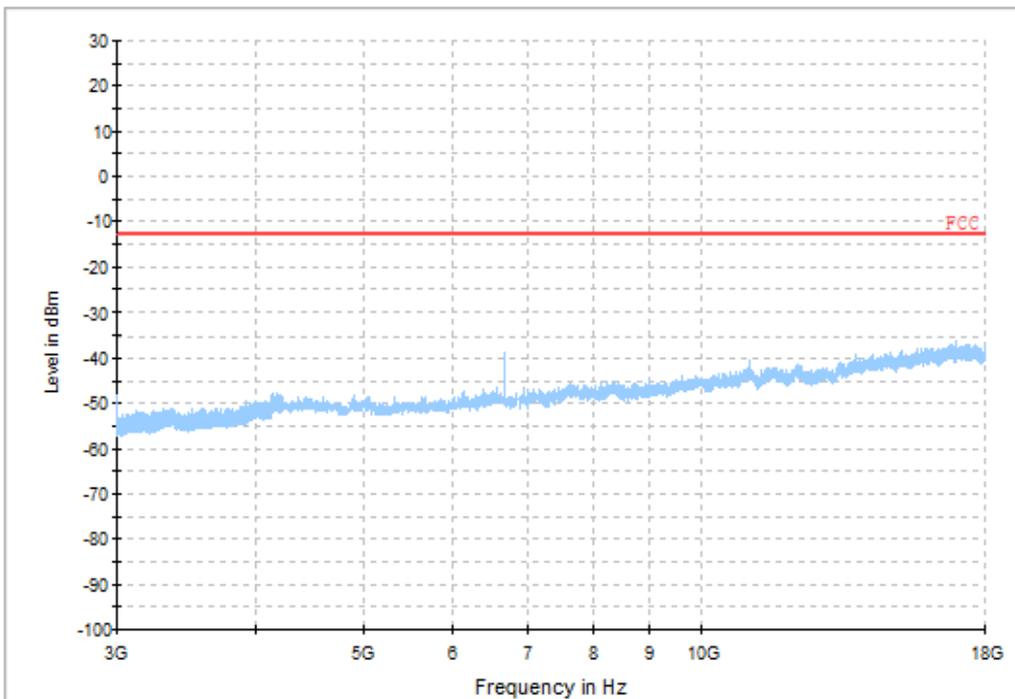
7.1.1.1 Test Mode = GSM/TM1



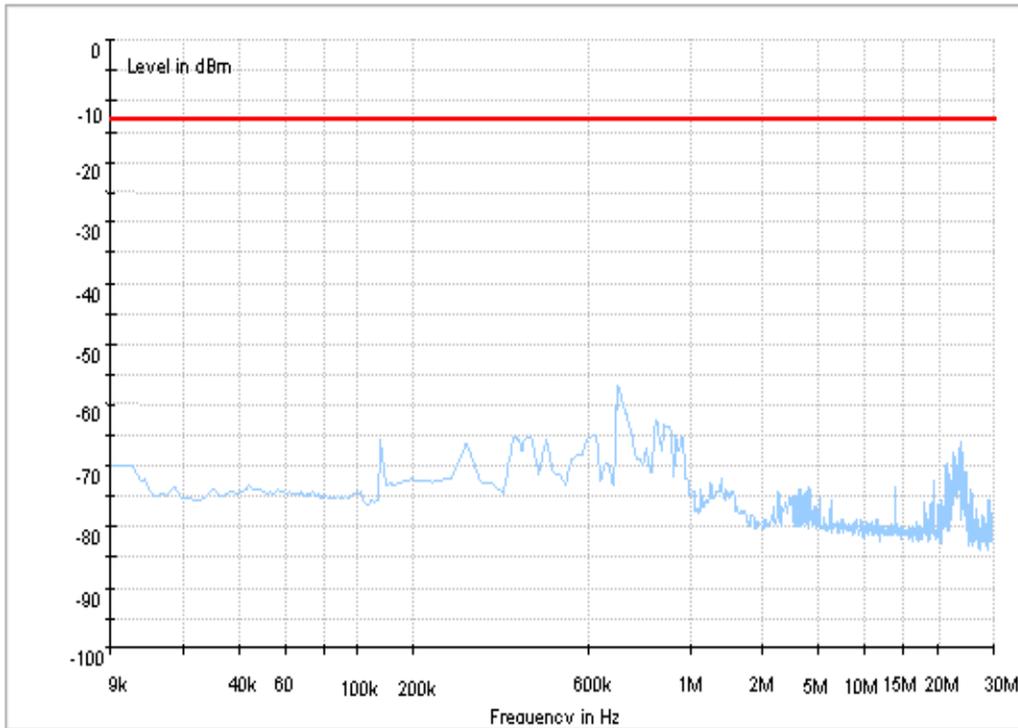
Copy of FCC PART22 GSM850_L



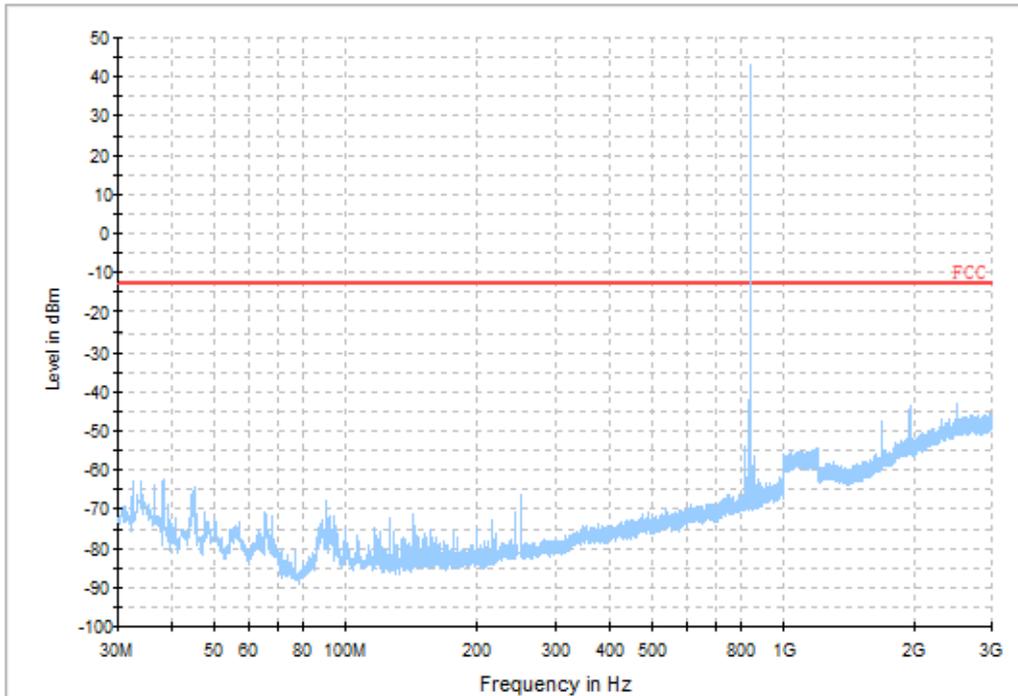
Copy of FCC PART22 GSM850_H



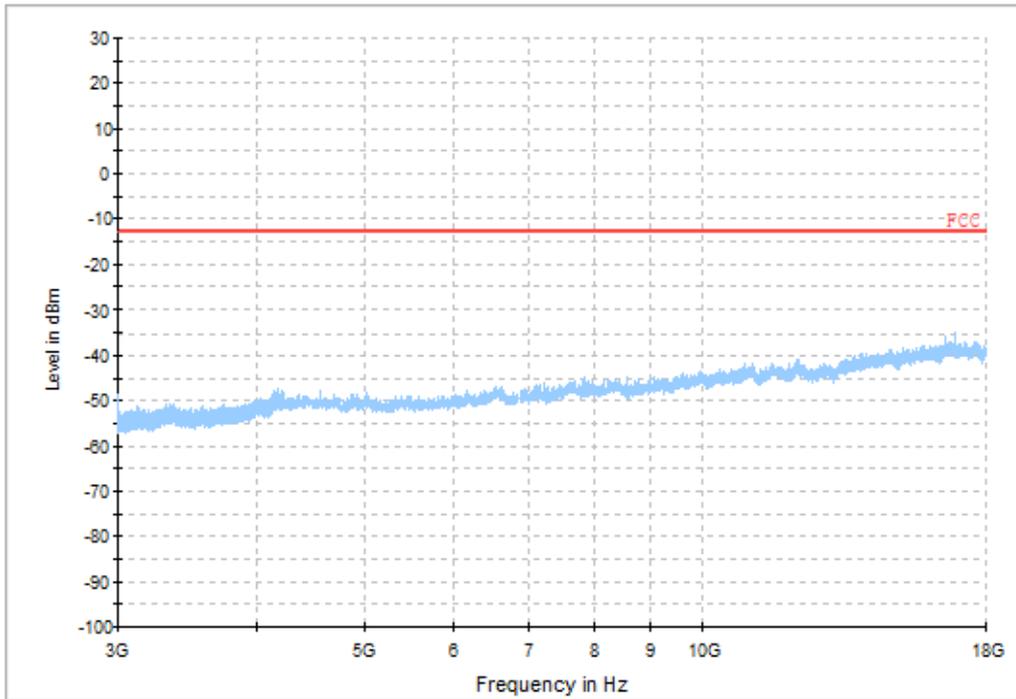
7.1.1.2 Test Mode = GSM/TM2



Copy of FCC PART22 GSM850_L

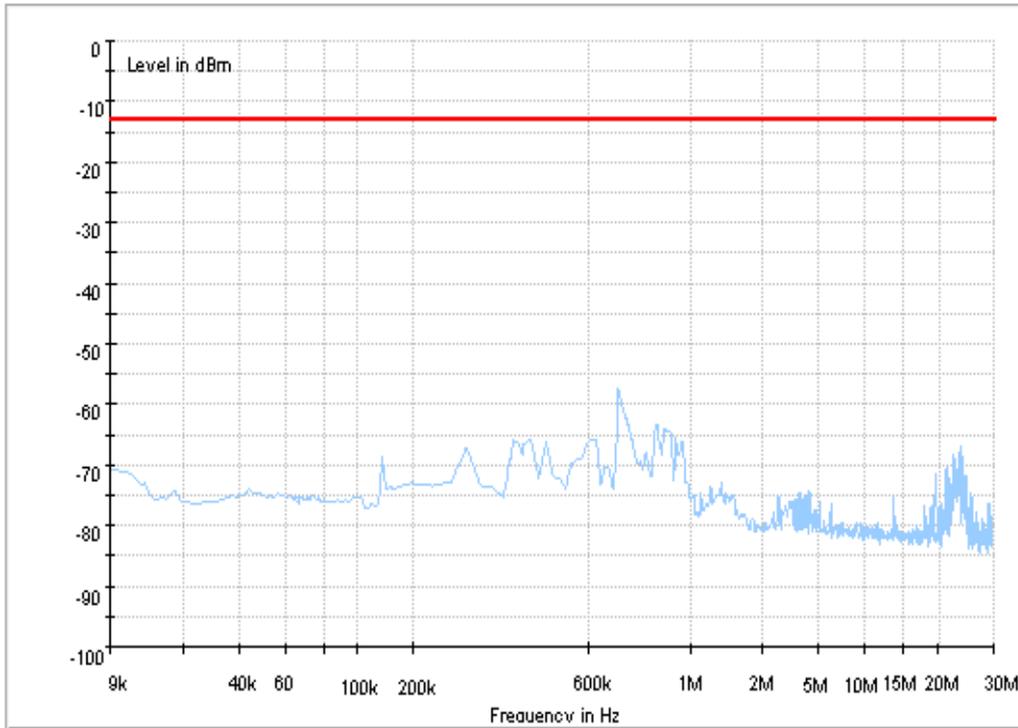


Copy of FCC PART22 GSM850_H

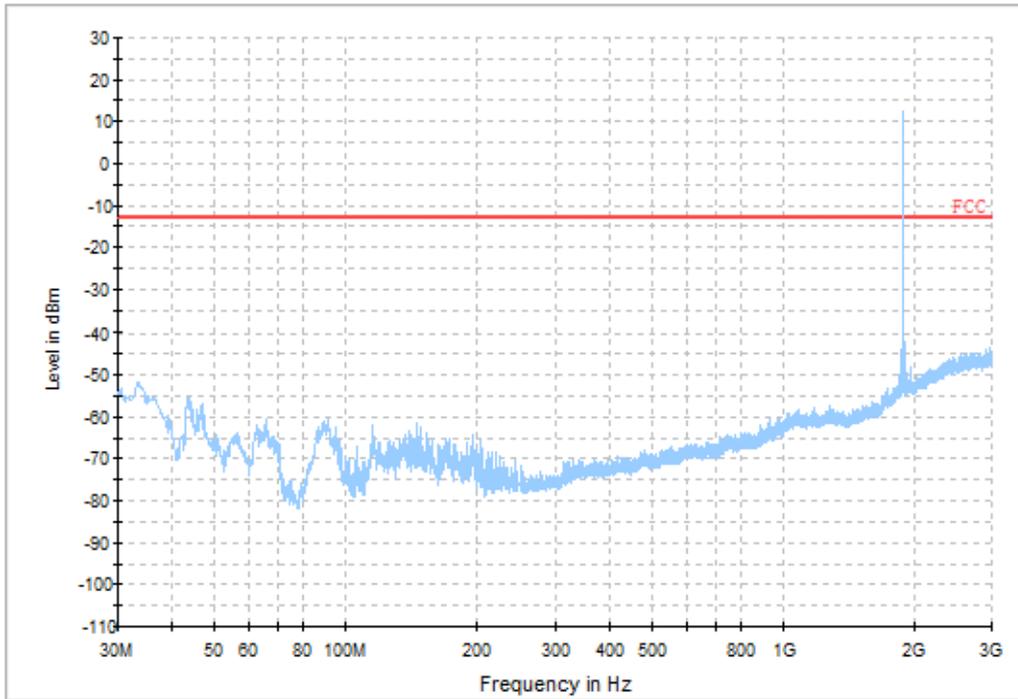


7.1.2 Test Band = GSM1900

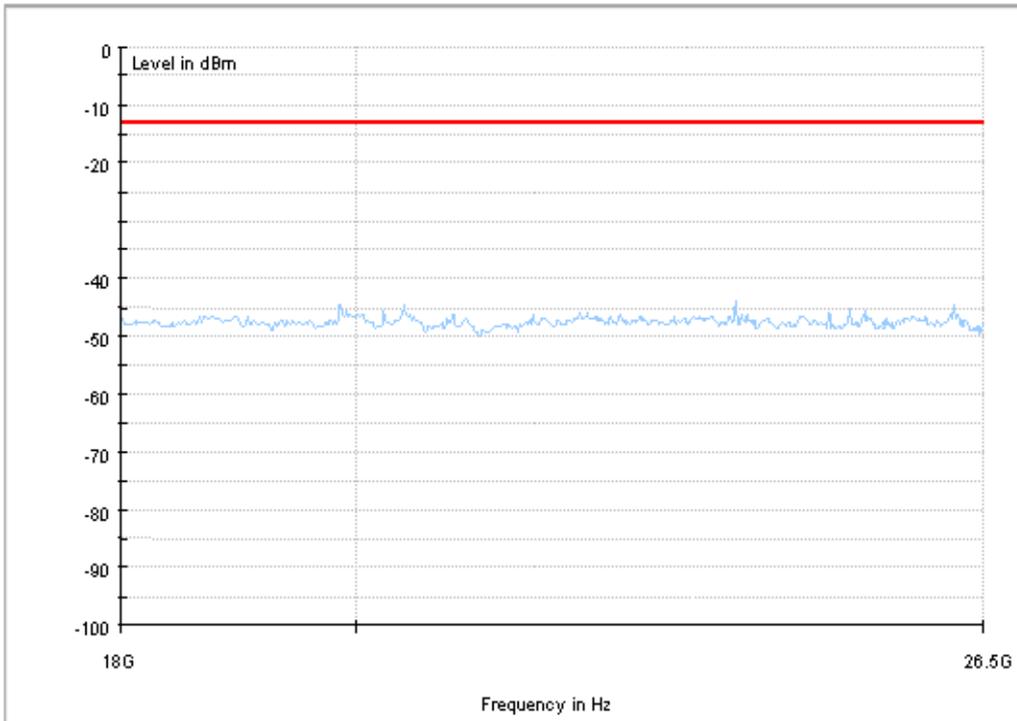
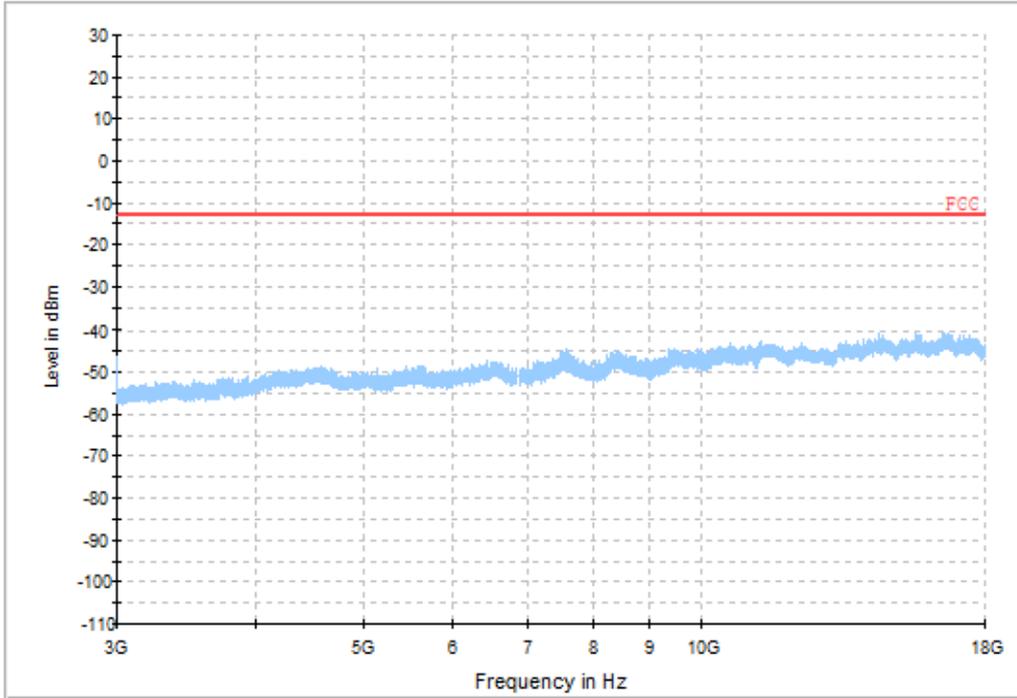
7.1.2.1 Test Mode = GSM/TM1



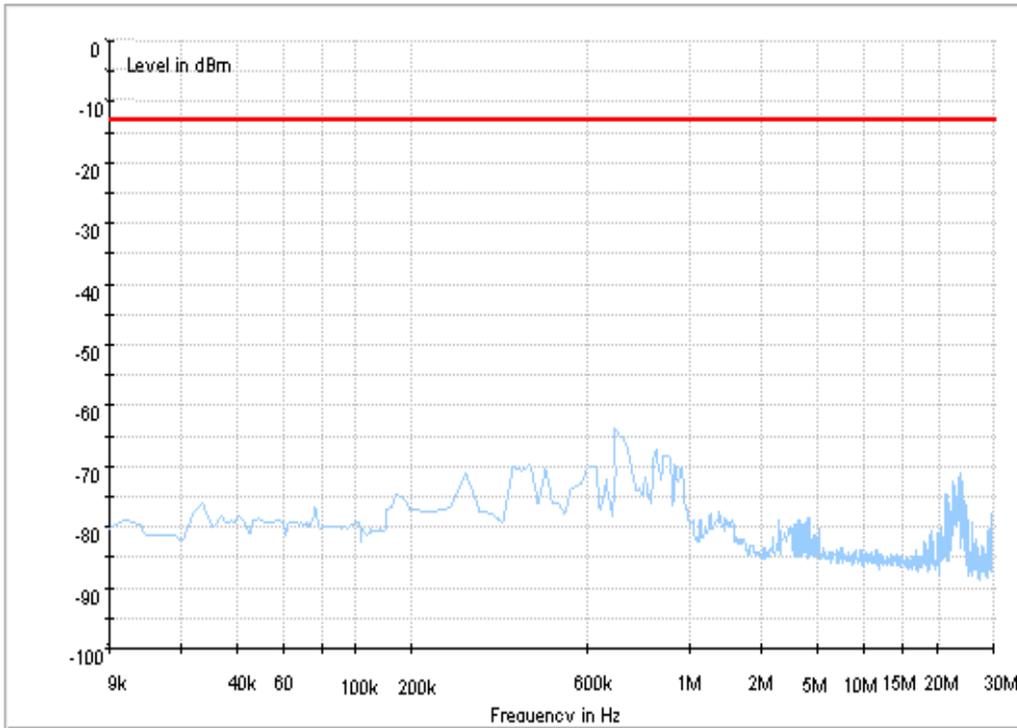
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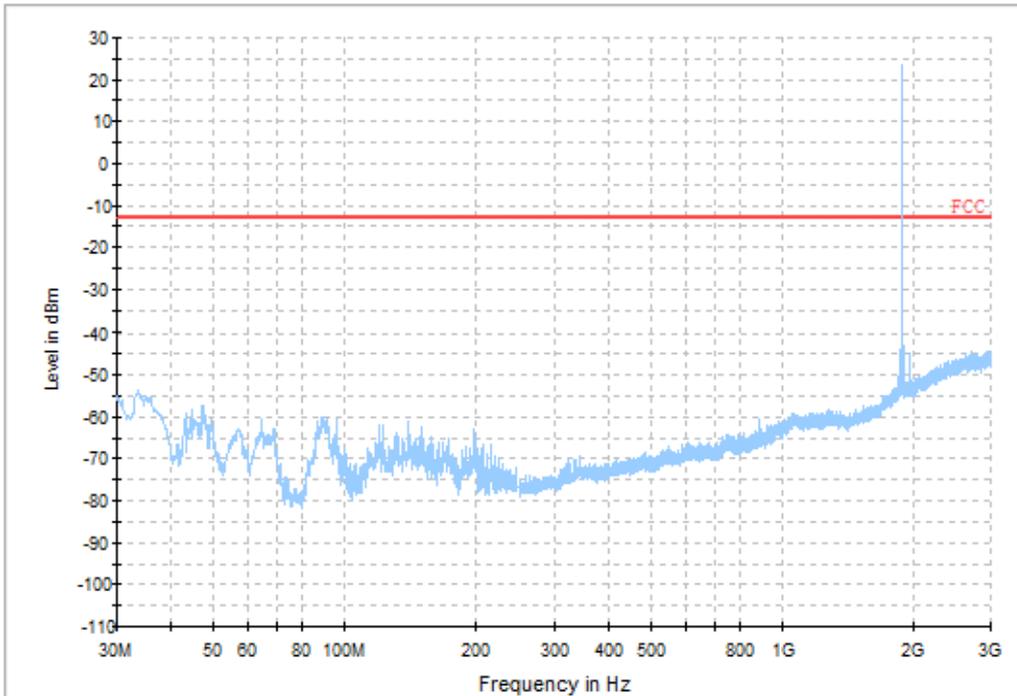
Copy of FCC PART24 GSM1900_H



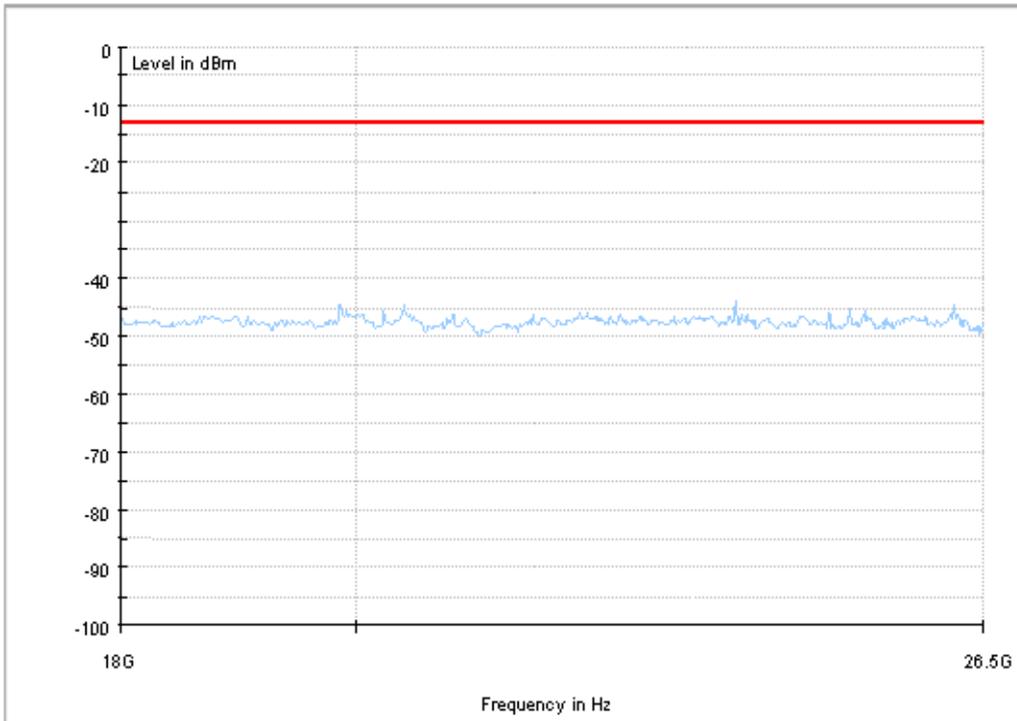
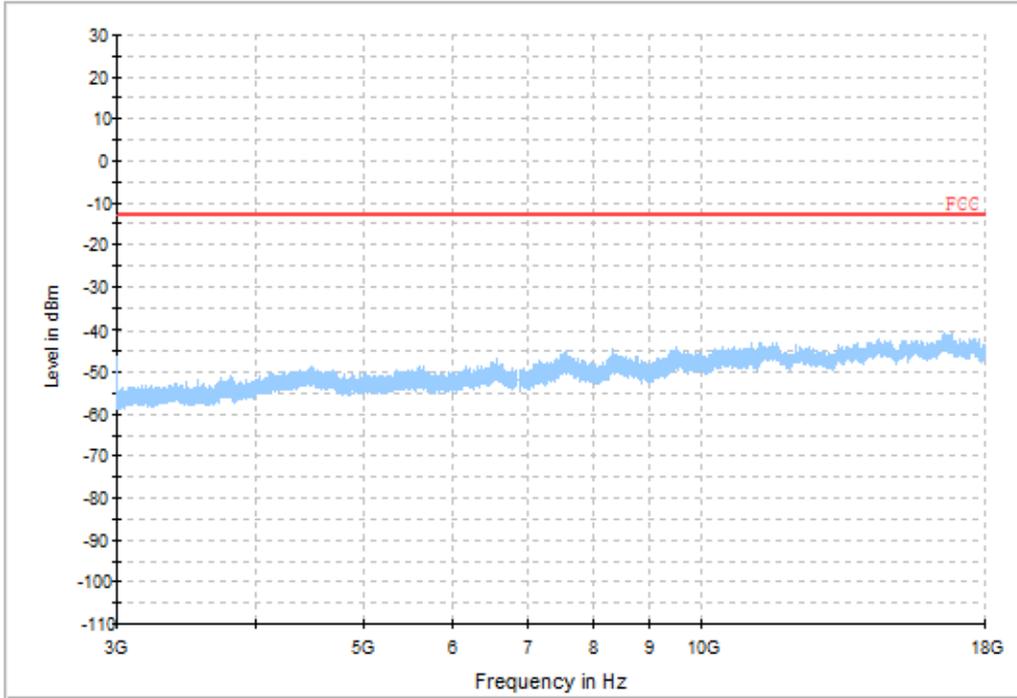
7.1.2.2 Test Mode = GSM/TM2



Copy of FCC PART24 GSM1900_L



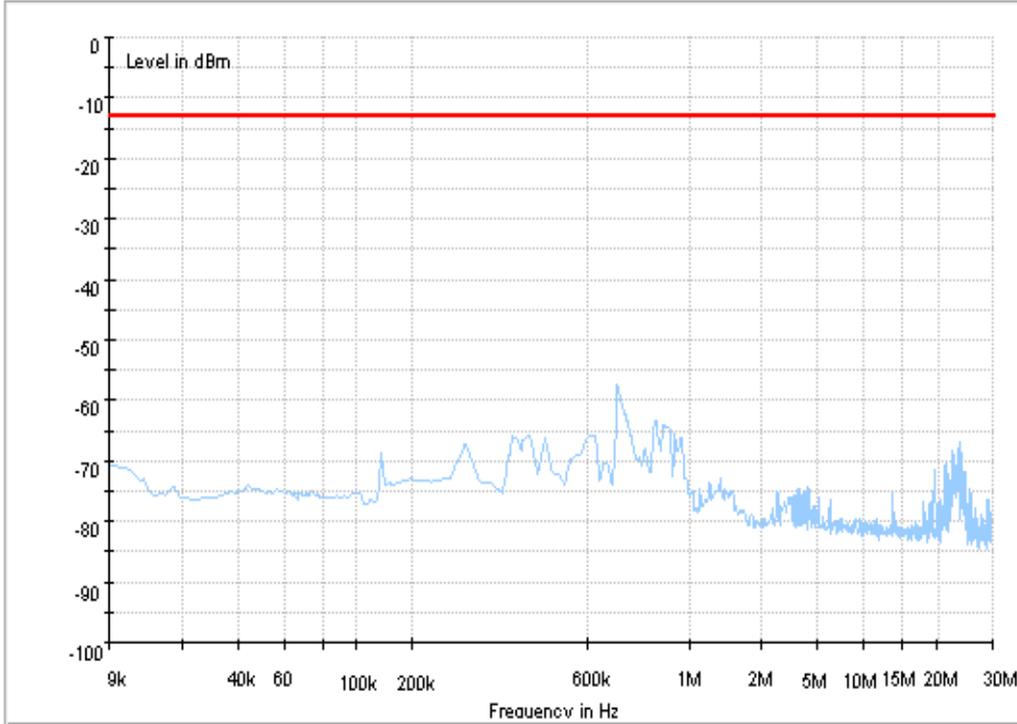
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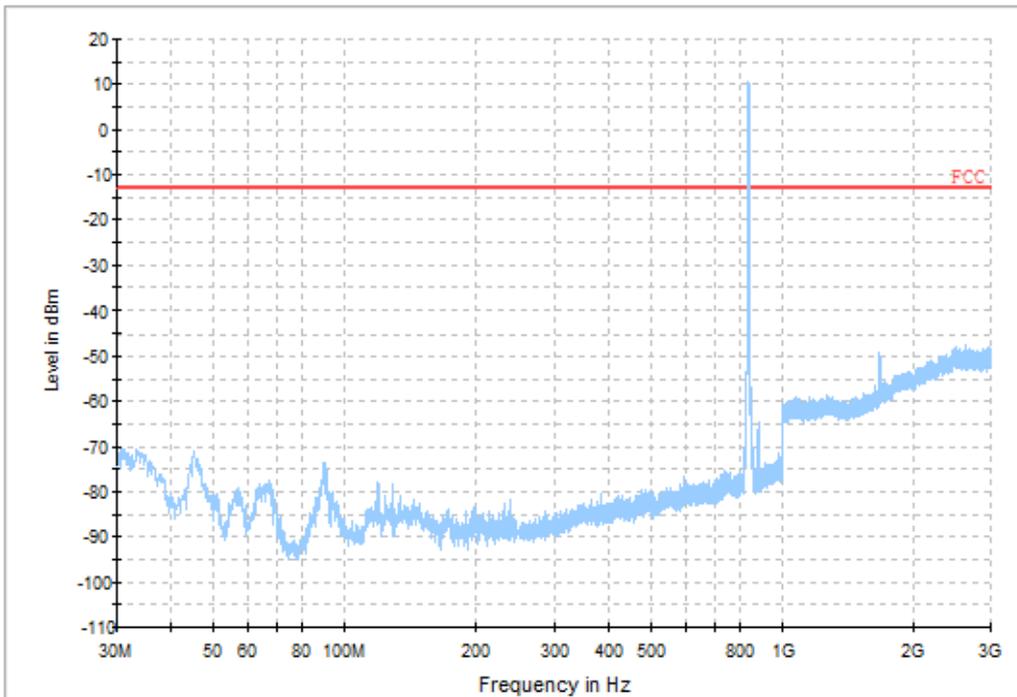
7.2 For UMTS

7.2.1 Test Band = WCDMA850

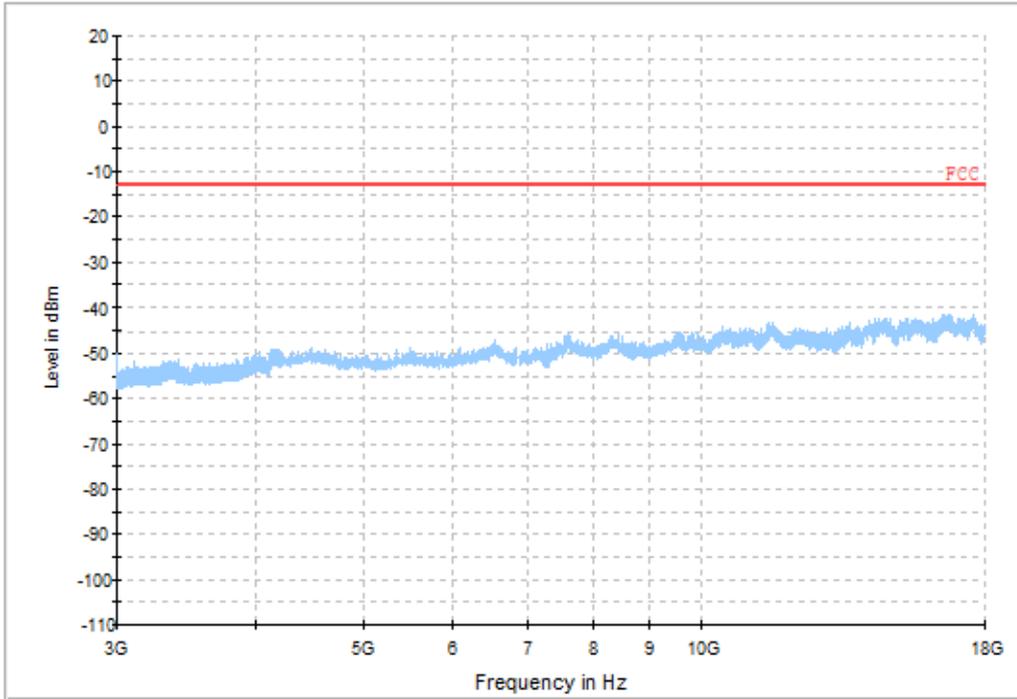
7.2.1.1 Test Mode = UMTS/TM1



Copy of FCC PART22 WCDMA850_L

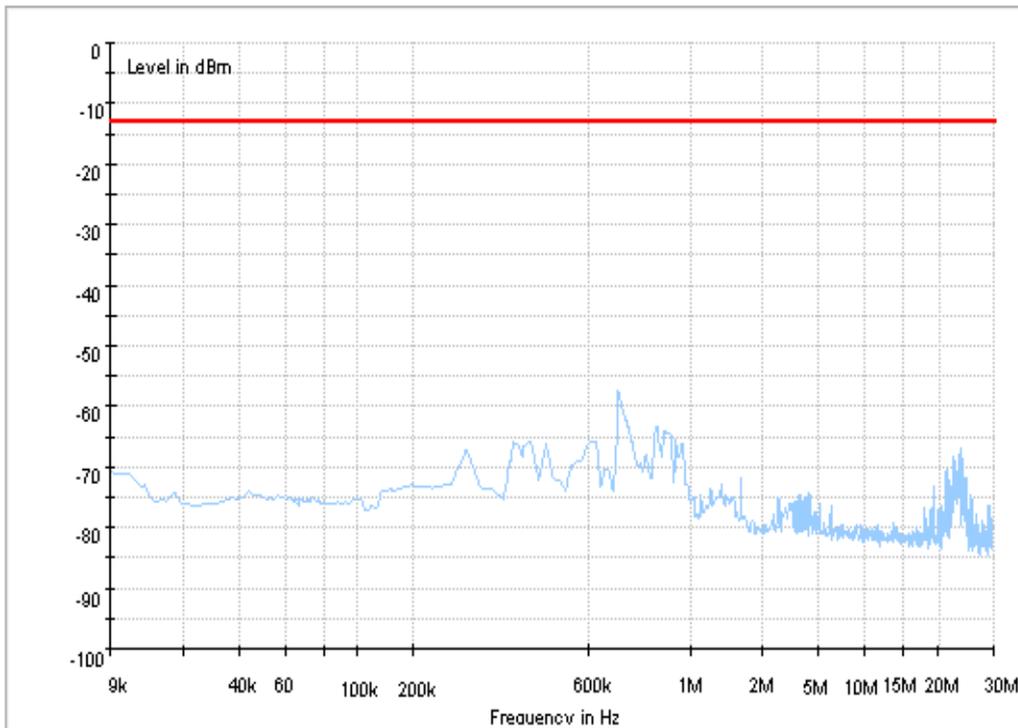


Copy of FCC PART22 WCDMA850_H

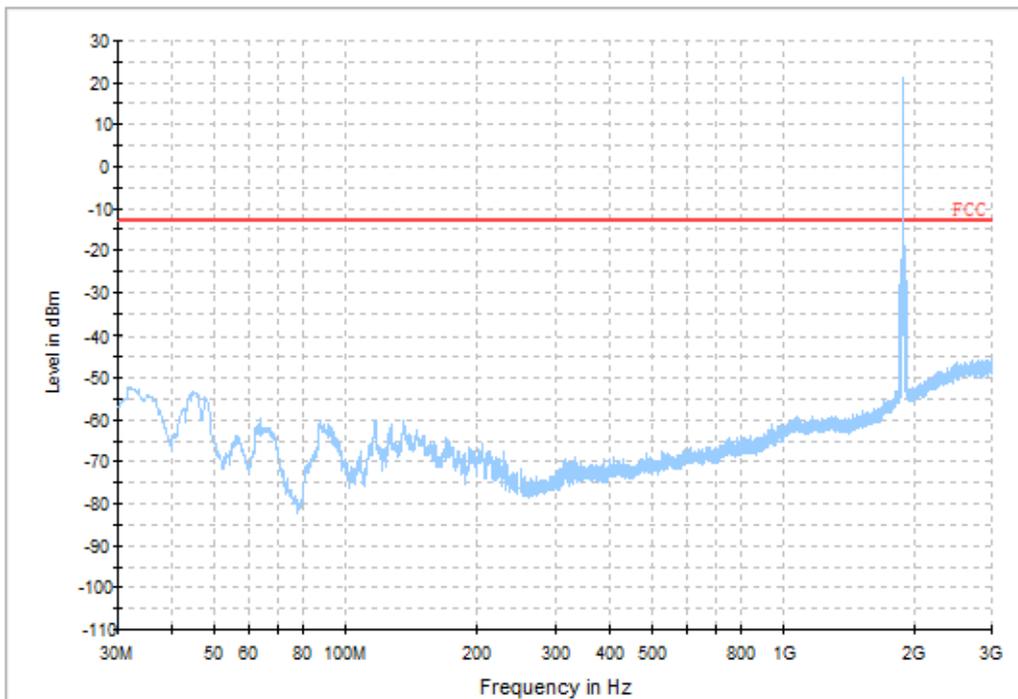


7.2.2 Test Band = WCDMA1900

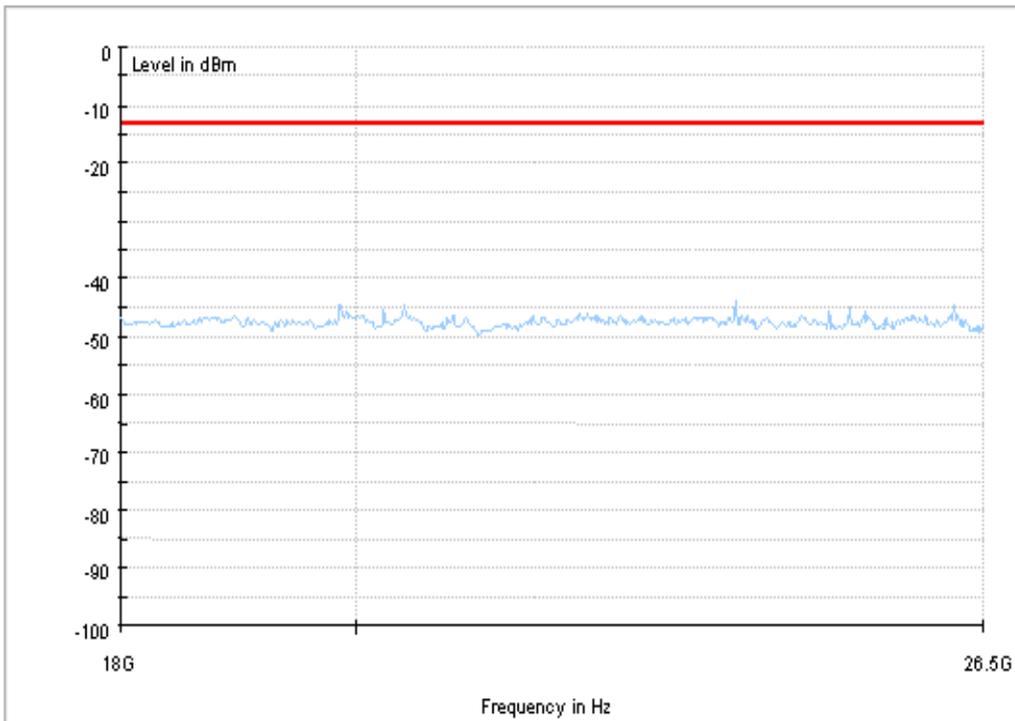
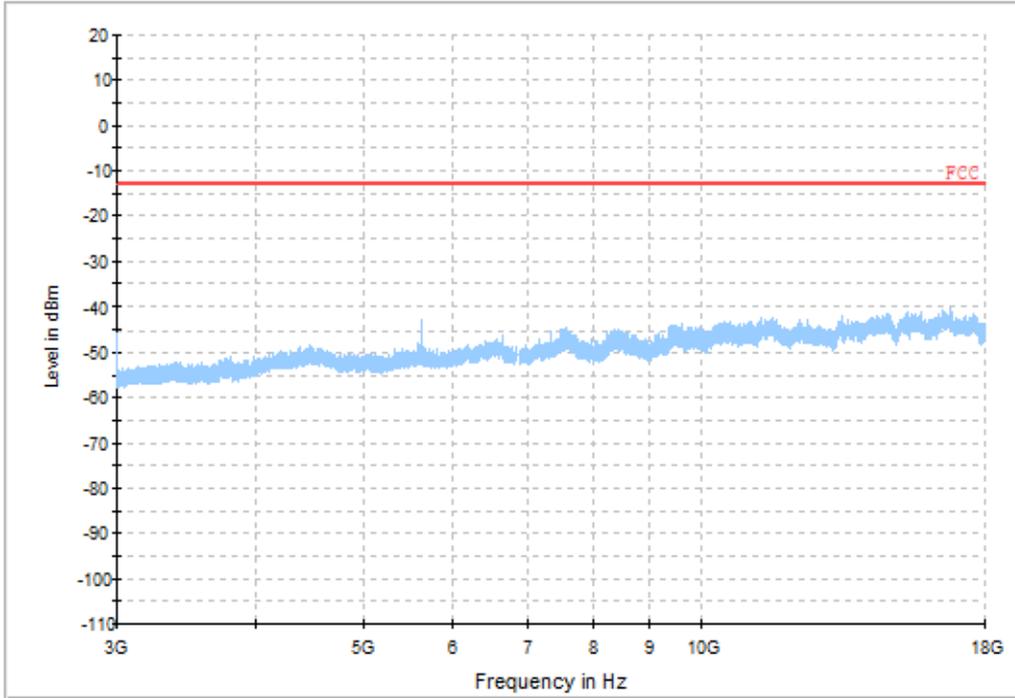
7.2.2.1 Test Mode = UMTS/TM1



Copy of FCC PART24 WCDMA1900_L



Copy of FCC PART24 WCDMA1900_H

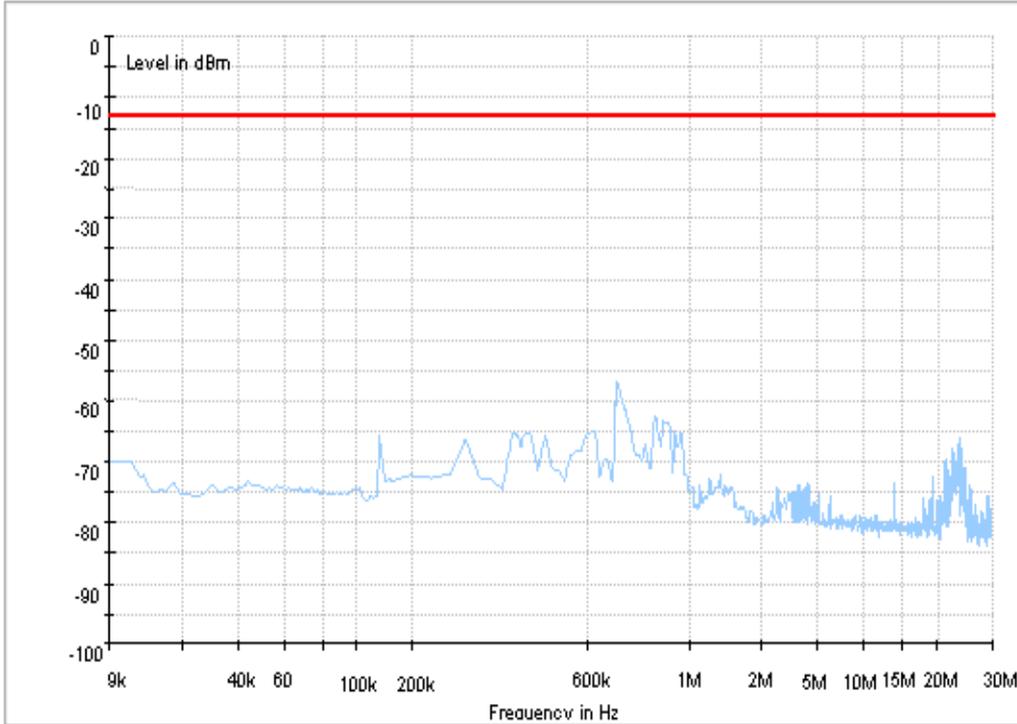


7.3 For LTE

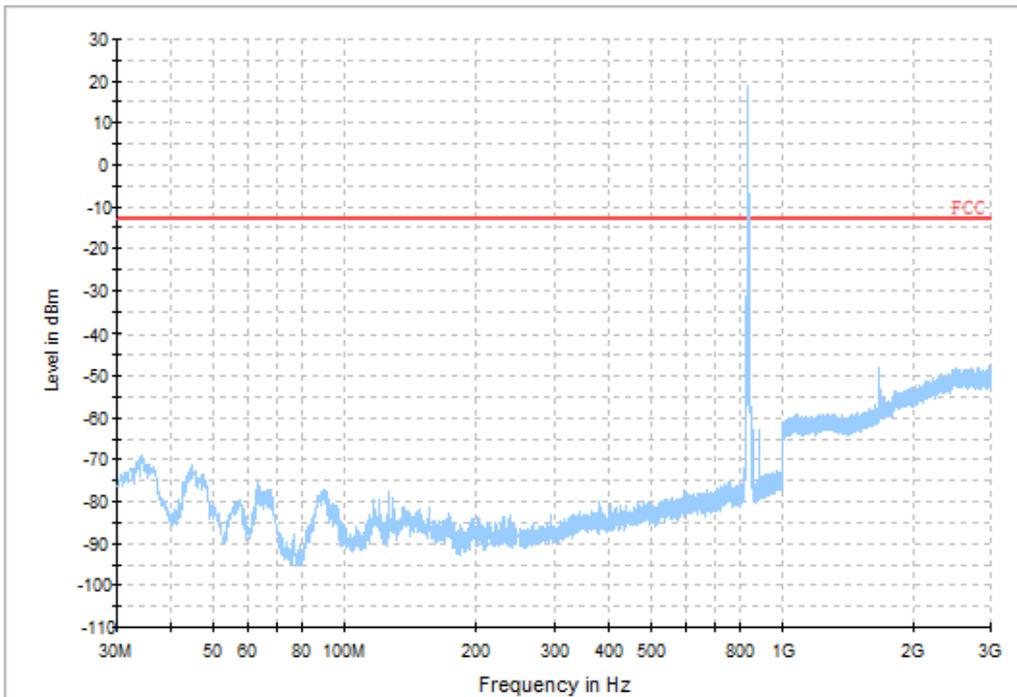


7.3.1 Test Band = BAND5

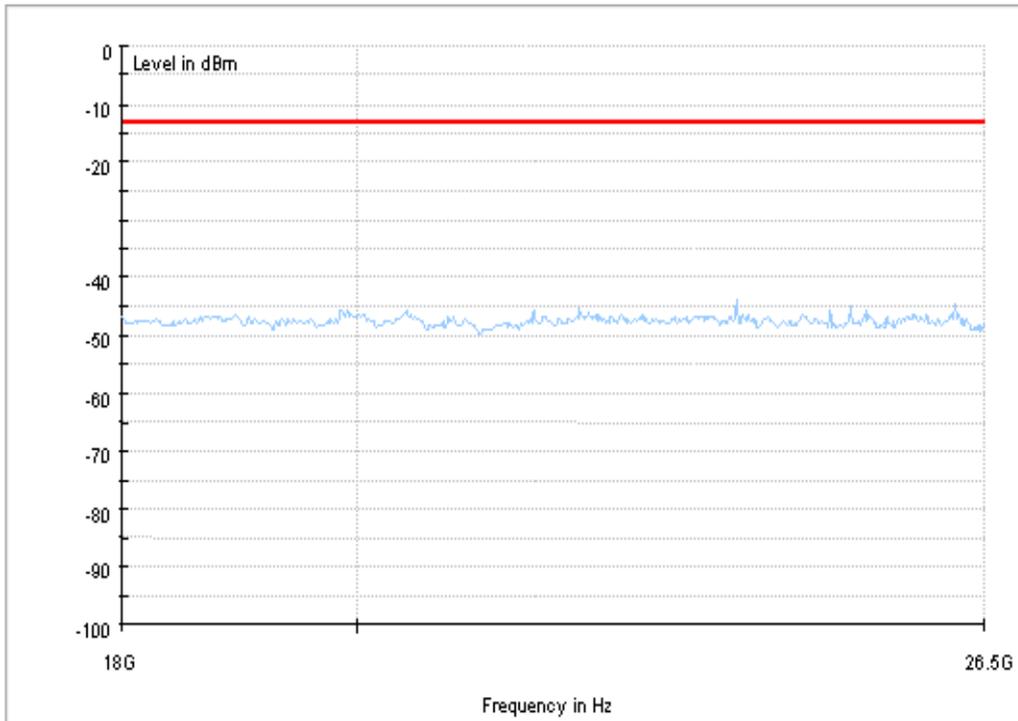
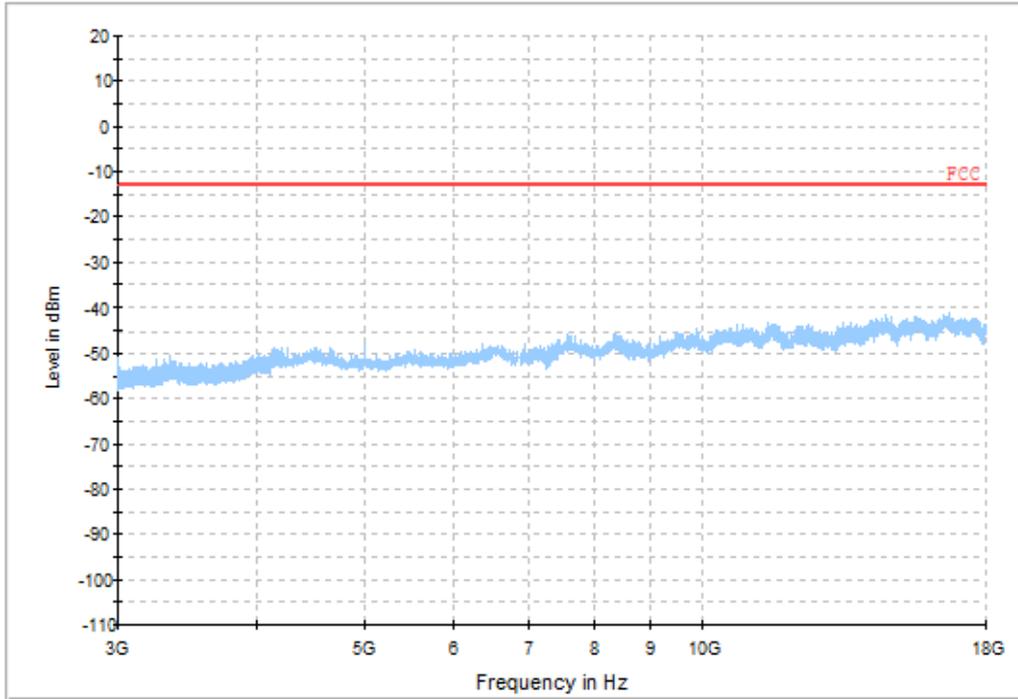
7.3.1.1 Test Bandwidth = 5



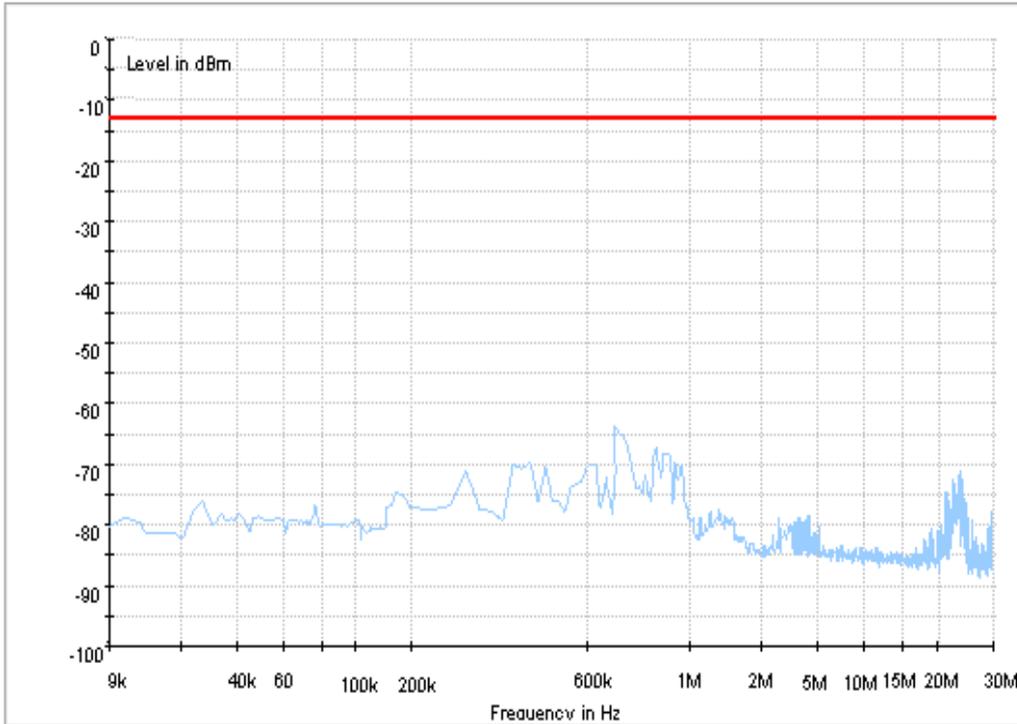
Copy of FCC PART22 LTE Band 5_L



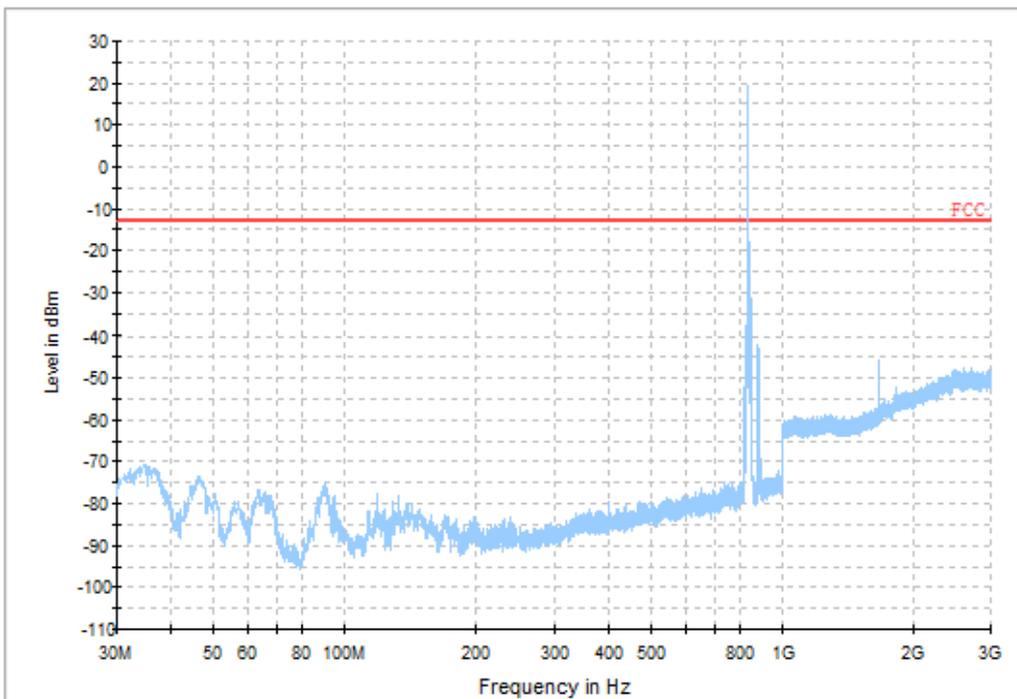
Copy of FCC PART22 LTE Band 5_H



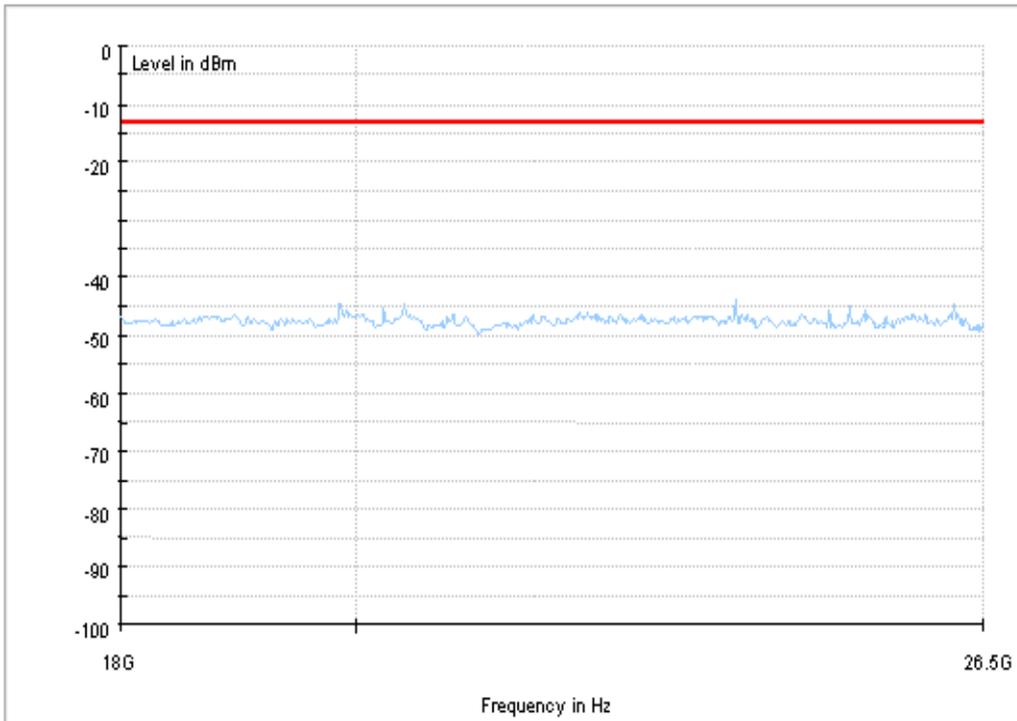
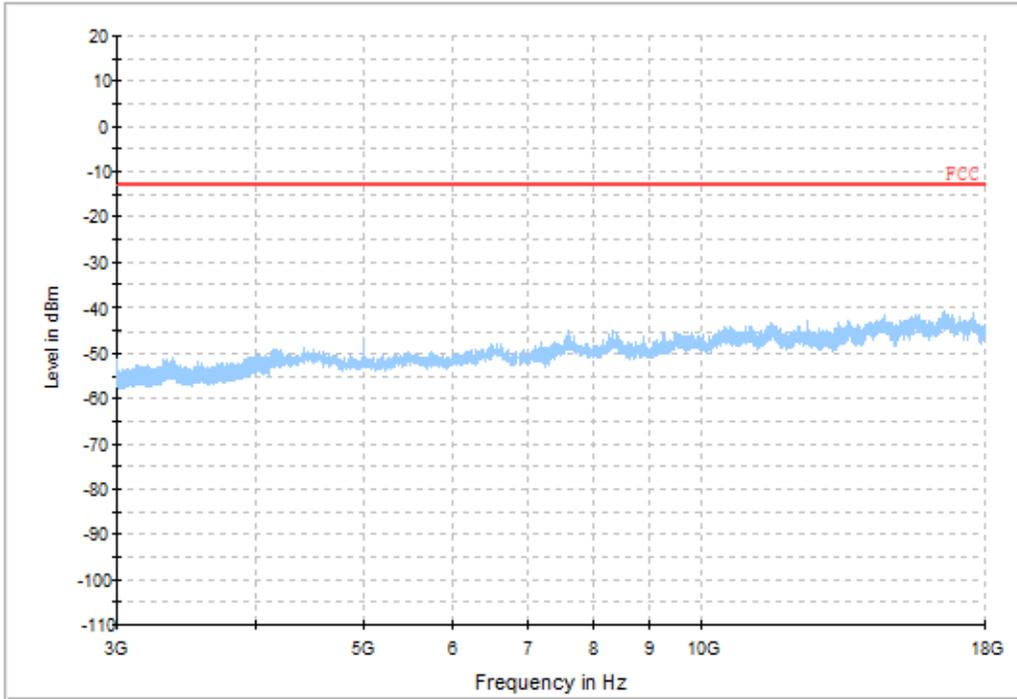
7.3.1.2 Test Bandwidth = 10



Copy of FCC PART22 LTE Band 5_L

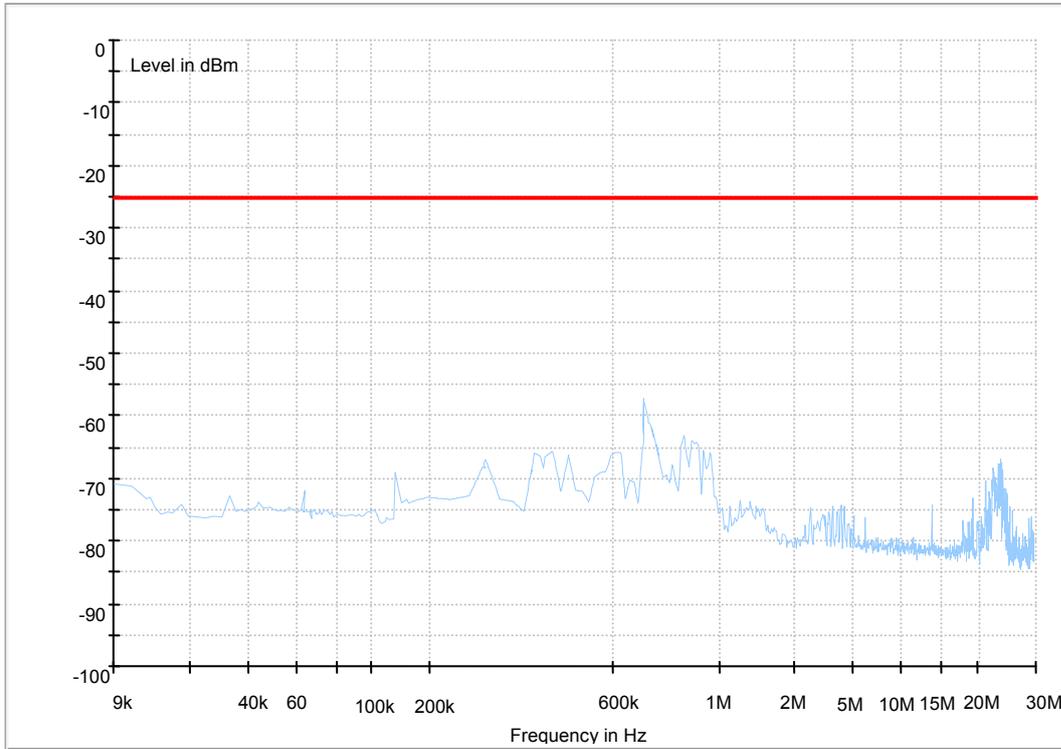


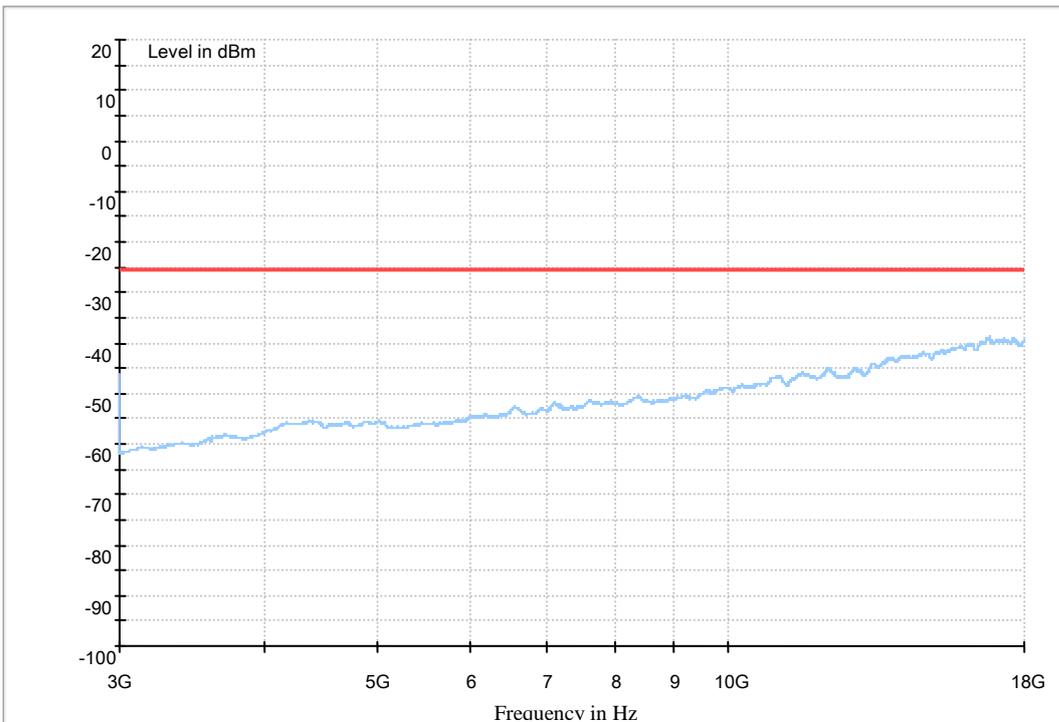
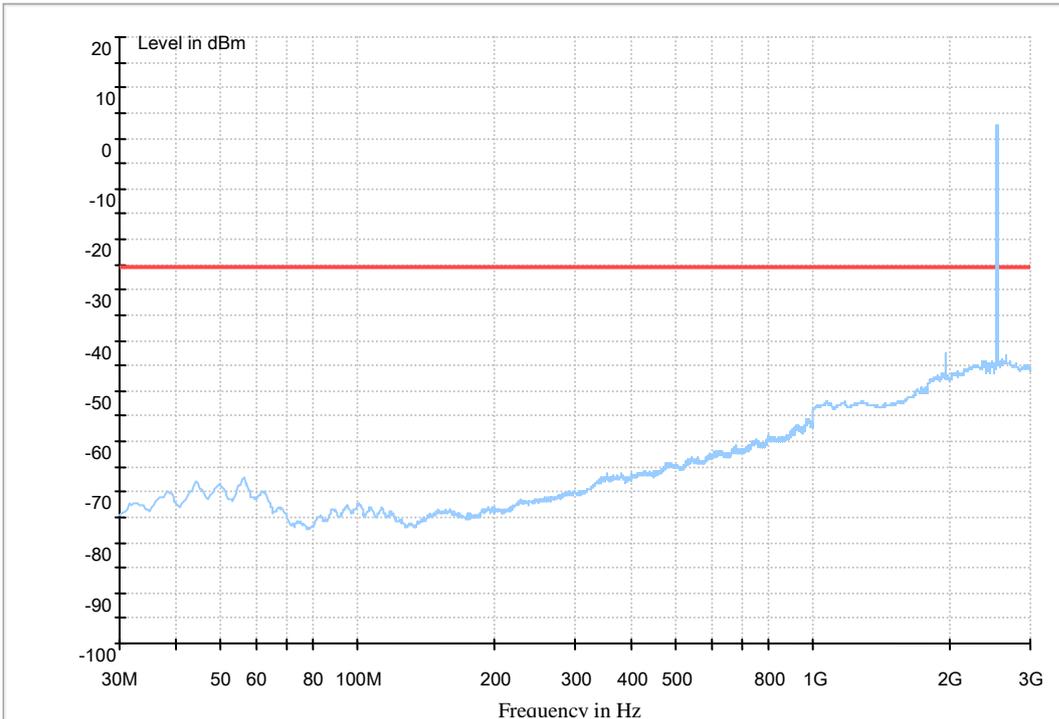
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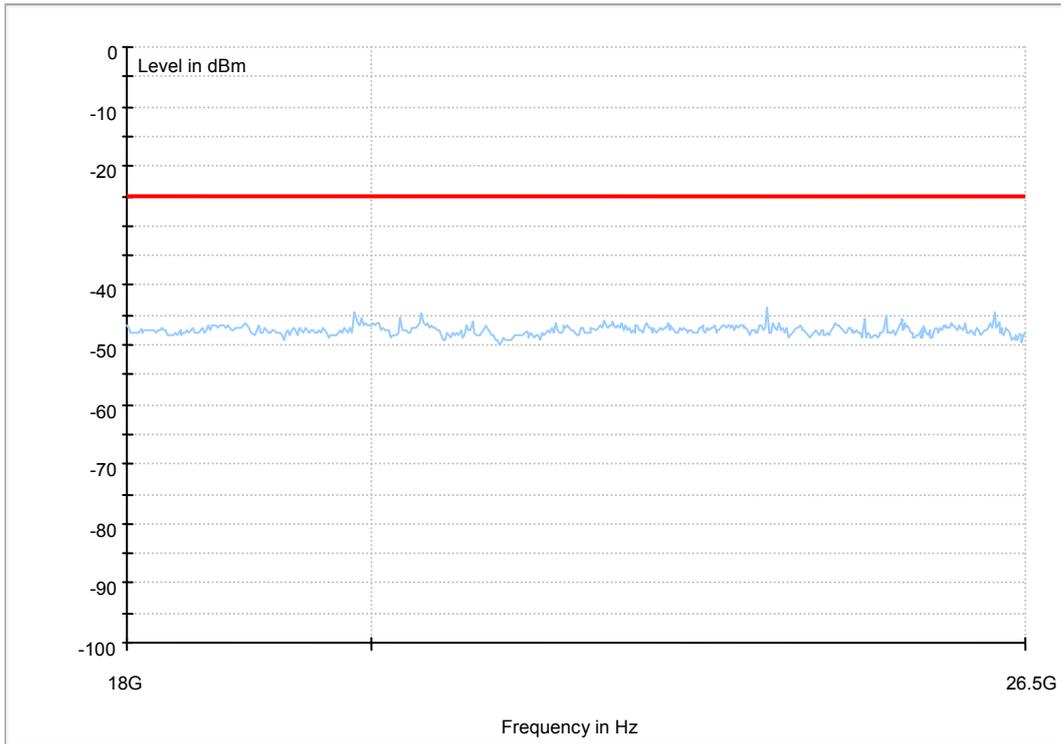


7.3.2 Test Band = BAND7

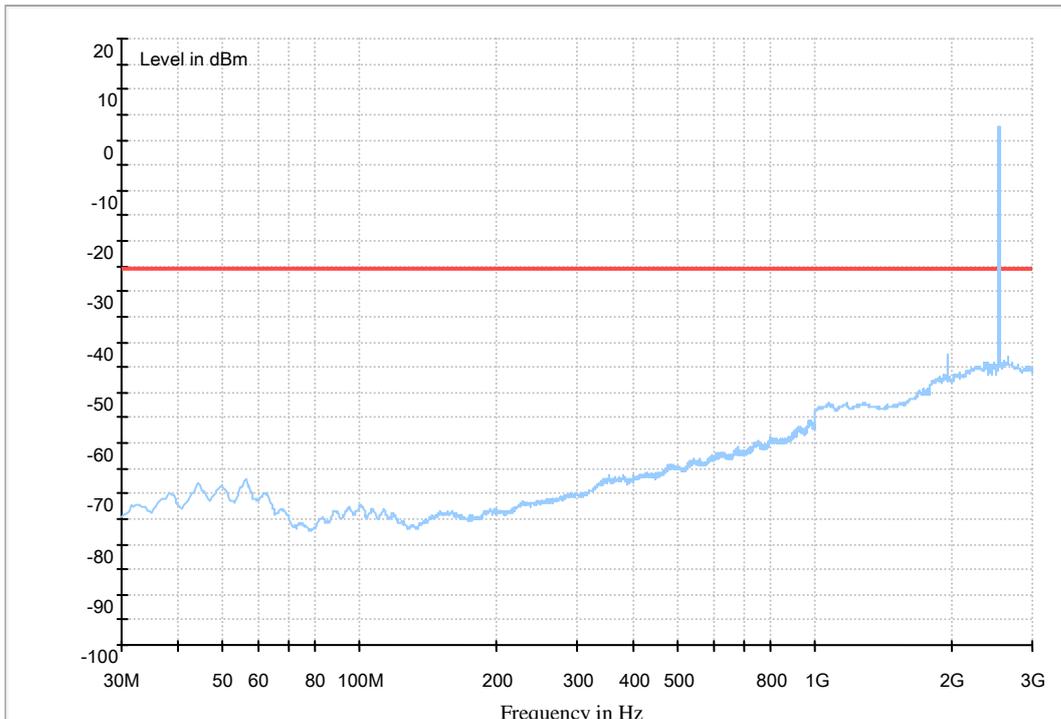
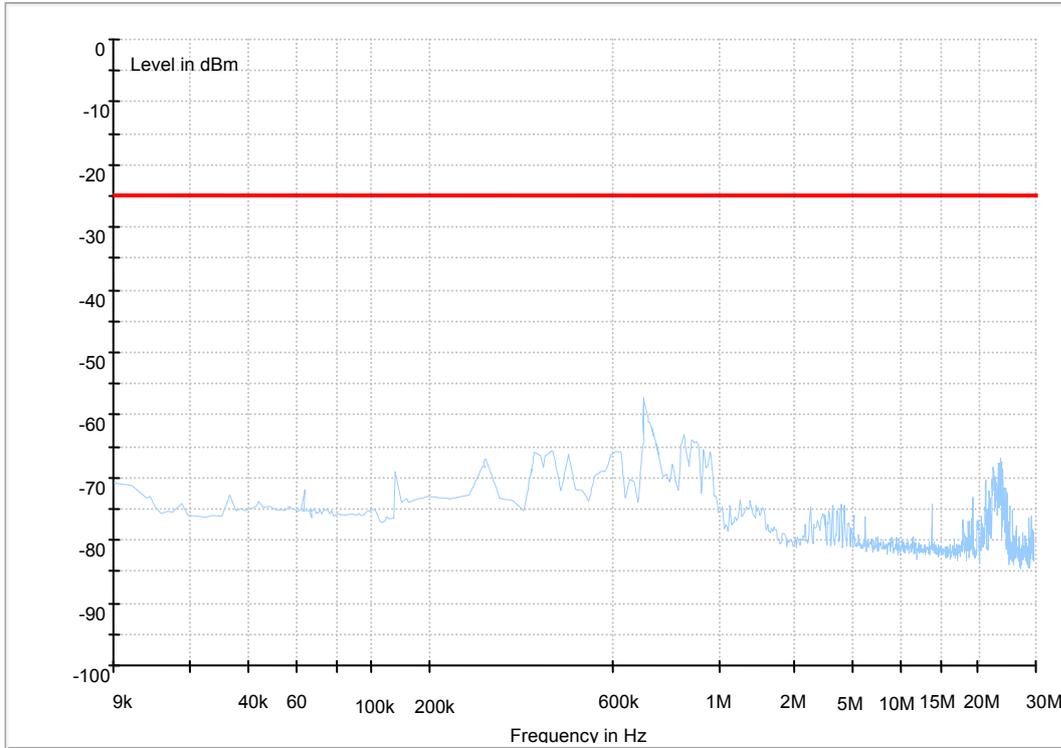
7.3.2.1 Test Bandwidth = 5

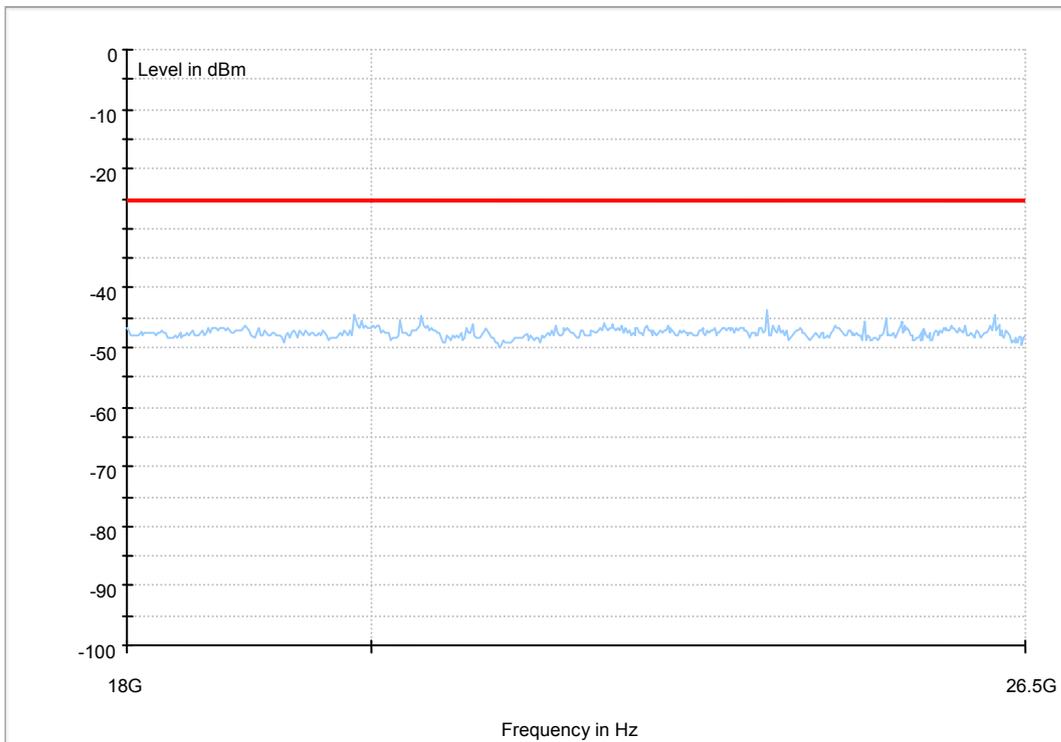
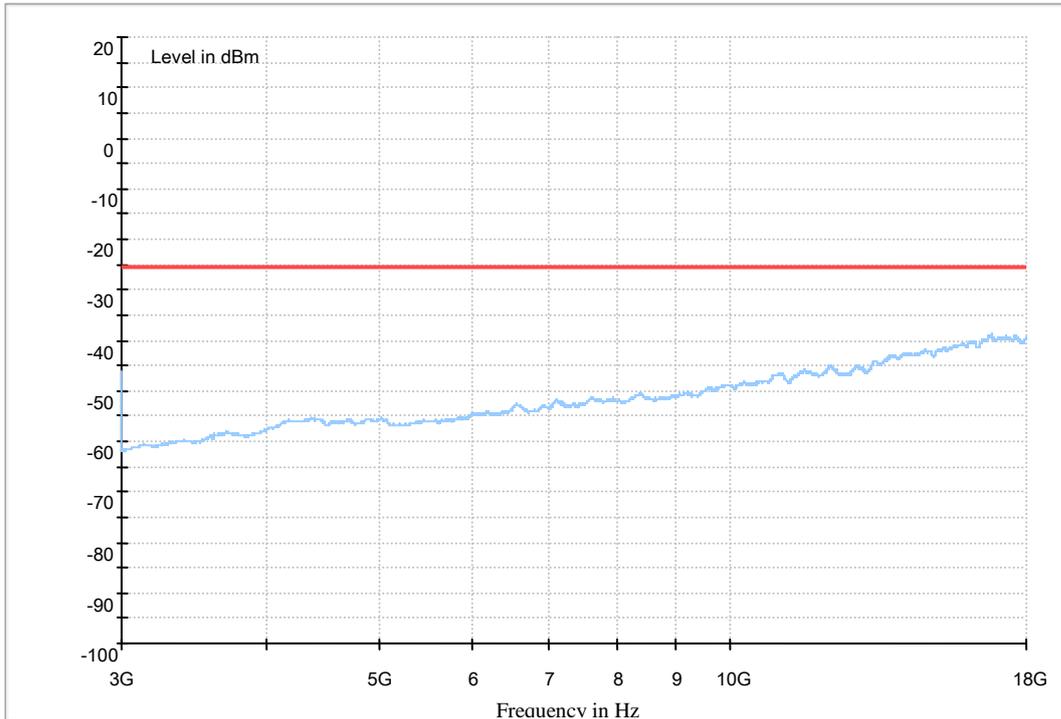






7.3.2.2 Test Bandwidth = 20





8Appendix_H: Frequency Stability

8.1 For GSM

8.1.1 Frequency Error vs. Voltage:

Adapter Mode

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
GSM850	GSM/TM1	LCH	TN	VL	-22.08	-0.02679	PASS
				VN	-24.21	-0.02937	PASS
				VH	-23.18	-0.02812	PASS
		MCH	TN	VL	-25.05	-0.02994	PASS
				VN	-27.51	-0.03288	PASS
				VH	-27.06	-0.03235	PASS
		HCH	TN	VL	-26.73	-0.03149	PASS
				VN	-28.41	-0.03347	PASS
				VH	-27.18	-0.03202	PASS
	GSM/TM2	LCH	TN	VL	-43.49	-0.05277	PASS
				VN	-39.07	-0.0474	PASS
				VH	-37.97	-0.04607	PASS
		MCH	TN	VL	-40.00	-0.04781	PASS
				VN	-37.94	-0.04535	PASS
				VH	-41.87	-0.05005	PASS
HCH		TN	VL	-41.04	-0.04835	PASS	
			VN	-47.59	-0.05607	PASS	
			VH	-44.94	-0.05295	PASS	
GSM1900	GSM/TM1	LCH	TN	VL	-62.51	-0.03379	PASS
				VN	-59.08	-0.03193	PASS
				VH	-62.25	-0.03365	PASS
		MCH	TN	VL	-72.58	-0.03861	PASS
				VN	-75.23	-0.04002	PASS
				VH	-84.33	-0.04486	PASS
		HCH	TN	VL	-72.19	-0.0378	PASS
				VN	-75.68	-0.03963	PASS
				VH	-74.32	-0.03892	PASS

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	GSM/TM2	LCH	TN	VL	-60.70	-0.03281	PASS
				VN	-72.32	-0.03909	PASS
				VH	-61.15	-0.03305	PASS
		MCH	TN	VL	-77.07	-0.04099	PASS
				VN	-82.85	-0.04407	PASS
				VH	-84.49	-0.04494	PASS
	HCH	TN	VL	-85.65	-0.04485	PASS	
			VN	-75.16	-0.03935	PASS	
			VH	-87.85	-0.046	PASS	

Battery Mode

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
GSM850	GSM/TM1	LCH	TN	VL	-19.11	-0.02319	PASS
				VN	-19.50	-0.02366	PASS
				VH	-21.24	-0.02577	PASS
		MCH	TN	VL	-28.41	-0.03396	PASS
				VN	-25.96	-0.03103	PASS
				VH	-29.90	-0.03574	PASS
		HCH	TN	VL	-31.38	-0.03697	PASS
				VN	-29.64	-0.03492	PASS
				VH	-30.93	-0.03644	PASS
	GSM/TM2	LCH	TN	VL	-43.62	-0.05292	PASS
				VN	-45.81	-0.05558	PASS
				VH	-46.04	-0.05586	PASS
		MCH	TN	VL	-44.43	-0.05311	PASS
				VN	-47.36	-0.05661	PASS
				VH	-50.72	-0.06063	PASS
		HCH	TN	VL	-50.17	-0.05911	PASS
				VN	-51.79	-0.06102	PASS
				VH	-53.27	-0.06276	PASS
GSM1900	GSM/TM1	LCH	TN	VL	-78.58	-0.04247	PASS
				VN	-72.38	-0.03912	PASS
				VH	-74.13	-0.04007	PASS
		MCH	TN	VL	-88.46	-0.04705	PASS
				VN	-87.37	-0.04647	PASS
				VH	-96.21	-0.05118	PASS
		HCH	TN	VL	-90.40	-0.04733	PASS
				VN	-88.08	-0.04612	PASS

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				VH	-88.14	-0.04615	PASS
	GSM/TM2	LCH	TN	VL	-83.91	-0.04535	PASS
				VN	-89.69	-0.04848	PASS
				VH	-86.33	-0.04666	PASS
		MCH	TN	VL	-98.54	-0.05241	PASS
				VN	-95.24	-0.05066	PASS
				VH	-102.18	-0.05435	PASS
		HCH	TN	VL	-102.35	-0.05359	PASS
				VN	-98.21	-0.05142	PASS
				VH	-104.32	-0.05462	PASS

8.1.2 Frequency Error vs. Temperature:

Adapter Mode

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
GSM850	GSM/TM1	LCH	VN	-30	-23.83	-0.02891	PASS
				-20	-25.44	-0.03087	PASS
				-10	-25.12	-0.03048	PASS
				0	-23.63	-0.02867	PASS
				10	-25.96	-0.0315	PASS
				20	-22.08	-0.02679	PASS
				30	-21.76	-0.0264	PASS
				40	-23.25	-0.02821	PASS
				50	-22.86	-0.02774	PASS
		MCH	VN	-30	-24.54	-0.02933	PASS
				-20	-28.22	-0.03373	PASS
				-10	-27.77	-0.03319	PASS
				0	-26.73	-0.03195	PASS
				10	-27.77	-0.03319	PASS
				20	-28.61	-0.0342	PASS
				30	-30.35	-0.03628	PASS
				40	-30.15	-0.03604	PASS
				50	-27.89	-0.03334	PASS
HCH	VN	-30	-30.93	-0.03644	PASS		
		-20	-28.28	-0.03332	PASS		

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
				-10	-27.96	-0.03294	PASS			
				0	-26.22	-0.03089	PASS			
				10	-27.51	-0.03241	PASS			
				20	-27.51	-0.03241	PASS			
				30	-27.12	-0.03195	PASS			
				40	-27.44	-0.03233	PASS			
				50	-24.99	-0.02944	PASS			
				GSM/TM2	LCH	VN	-30	-35.84	-0.04348	PASS
							-20	-38.42	-0.04661	PASS
							-10	-31.32	-0.038	PASS
	0	-34.42	-0.04176				PASS			
	10	-33.25	-0.04034				PASS			
	20	-36.29	-0.04403				PASS			
	30	-37.26	-0.04521				PASS			
	40	-34.45	-0.0418				PASS			
	50	-34.84	-0.04227				PASS			
	GSM/TM2	MCH	VN				-30	-37.26	-0.04454	PASS
				-20	-37.03	-0.04426	PASS			
				-10	-41.65	-0.04978	PASS			
				0	-42.91	-0.05129	PASS			
				10	-38.90	-0.0465	PASS			
				20	-34.03	-0.04068	PASS			
				30	-41.23	-0.04928	PASS			
				40	-40.00	-0.04781	PASS			
				50	-39.84	-0.04762	PASS			
				GSM/TM2	HCH	VN	-30	-42.04	-0.04953	PASS
	-20	-44.72	-0.05269				PASS			
	-10	-37.94	-0.0447				PASS			
	0	-37.61	-0.04431				PASS			
	10	-40.84	-0.04811				PASS			
20	-38.26	-0.04508	PASS							
30	-41.49	-0.04888	PASS							
40	-42.68	-0.05028	PASS							
50	-35.42	-0.04173	PASS							
GSM1900	GSM/TM1	LCH	VN				-30	-59.21	-0.032	PASS
				-20	-59.92	-0.03239	PASS			
				-10	-63.34	-0.03423	PASS			
				0	-59.08	-0.03193	PASS			
				10	-57.02	-0.03082	PASS			
				20	-57.47	-0.03106	PASS			



Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
				30	-61.60	-0.03329	PASS		
				40	-62.63	-0.03385	PASS		
				50	-57.60	-0.03113	PASS		
		MCH	VN			-30	-70.71	-0.03761	PASS
						-20	-73.74	-0.03922	PASS
						-10	-80.26	-0.04269	PASS
						0	-82.20	-0.04372	PASS
						10	-77.03	-0.04097	PASS
						20	-78.26	-0.04163	PASS
						30	-72.97	-0.03881	PASS
						40	-78.45	-0.04173	PASS
						50	-73.42	-0.03905	PASS
						HCH	VN		
		-20	-73.35	-0.03841	PASS				
		-10	-78.07	-0.04088	PASS				
		0	-74.32	-0.03892	PASS				
		10	-74.06	-0.03878	PASS				
		20	-70.71	-0.03702	PASS				
		30	-78.97	-0.04135	PASS				
		40	-75.61	-0.03959	PASS				
	GSM/TM2	LCH	VN		-30	-69.09	-0.03734	PASS	
					-20	-55.85	-0.03019	PASS	
					-10	-65.64	-0.03548	PASS	
					0	-63.57	-0.03436	PASS	
					10	-63.86	-0.03452	PASS	
					20	-68.45	-0.037	PASS	
					30	-50.17	-0.02712	PASS	
					40	-64.22	-0.03471	PASS	
					50	-56.53	-0.03055	PASS	
					MCH	VN			-30
		-20	-78.94	-0.04199					PASS
		-10	-74.84	-0.03981					PASS
		0	-88.08	-0.04685					PASS
		10	-79.58	-0.04233					PASS
		20	-74.97	-0.03988					PASS
		30	-72.32	-0.03847					PASS
		40	-74.29	-0.03952					PASS
		50	-72.06	-0.03833					PASS
		HCH	VN						