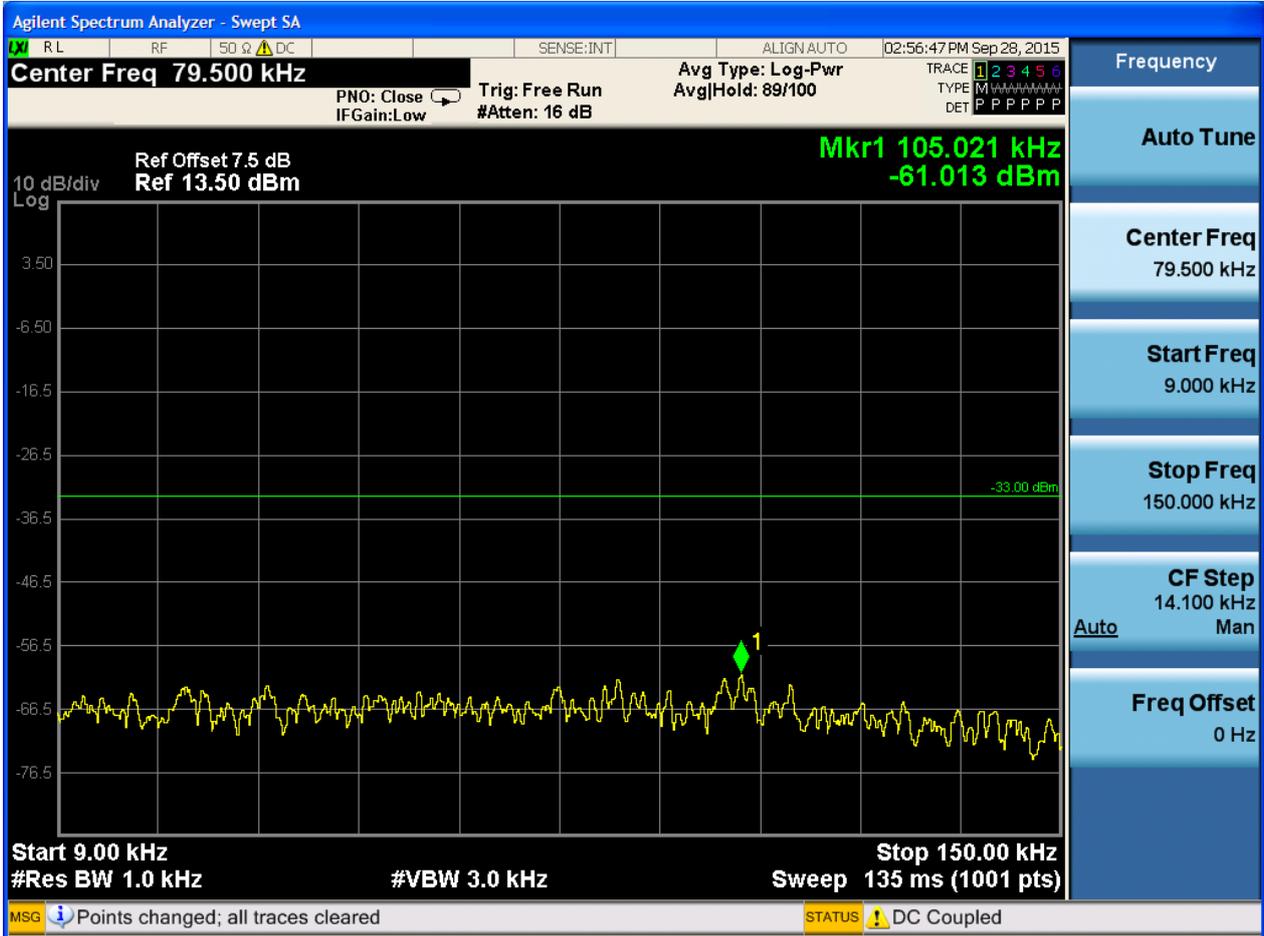
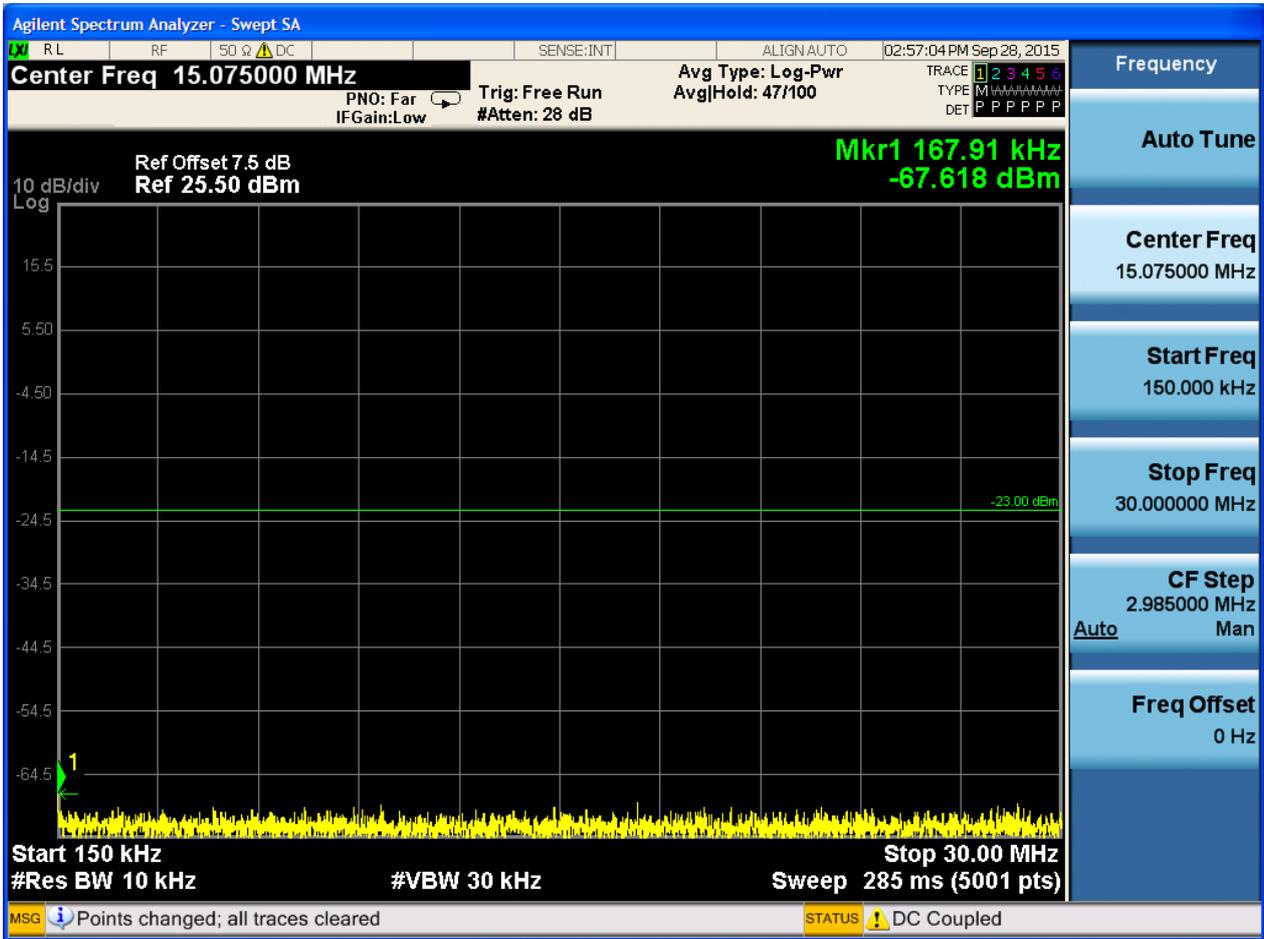


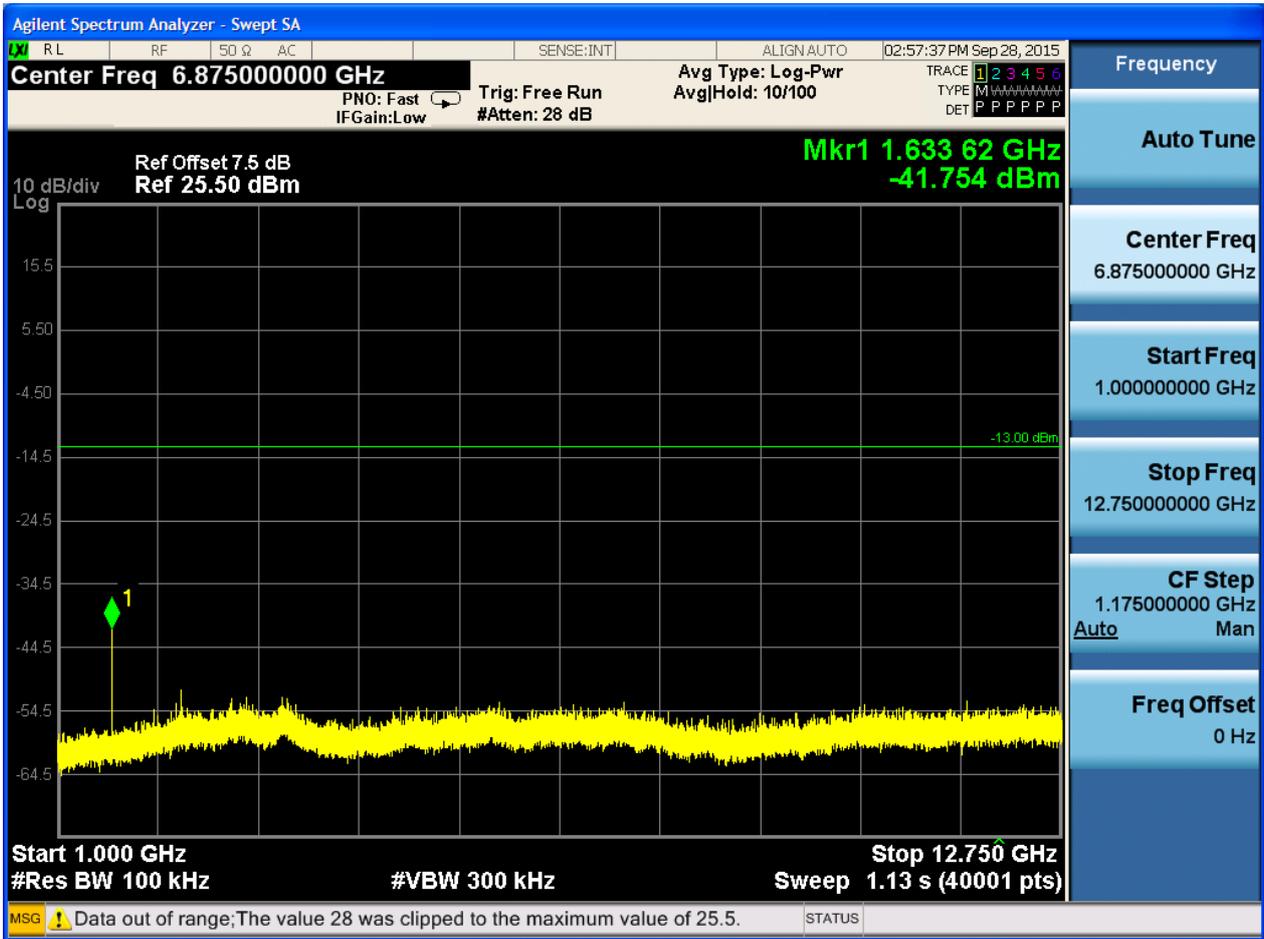


6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0



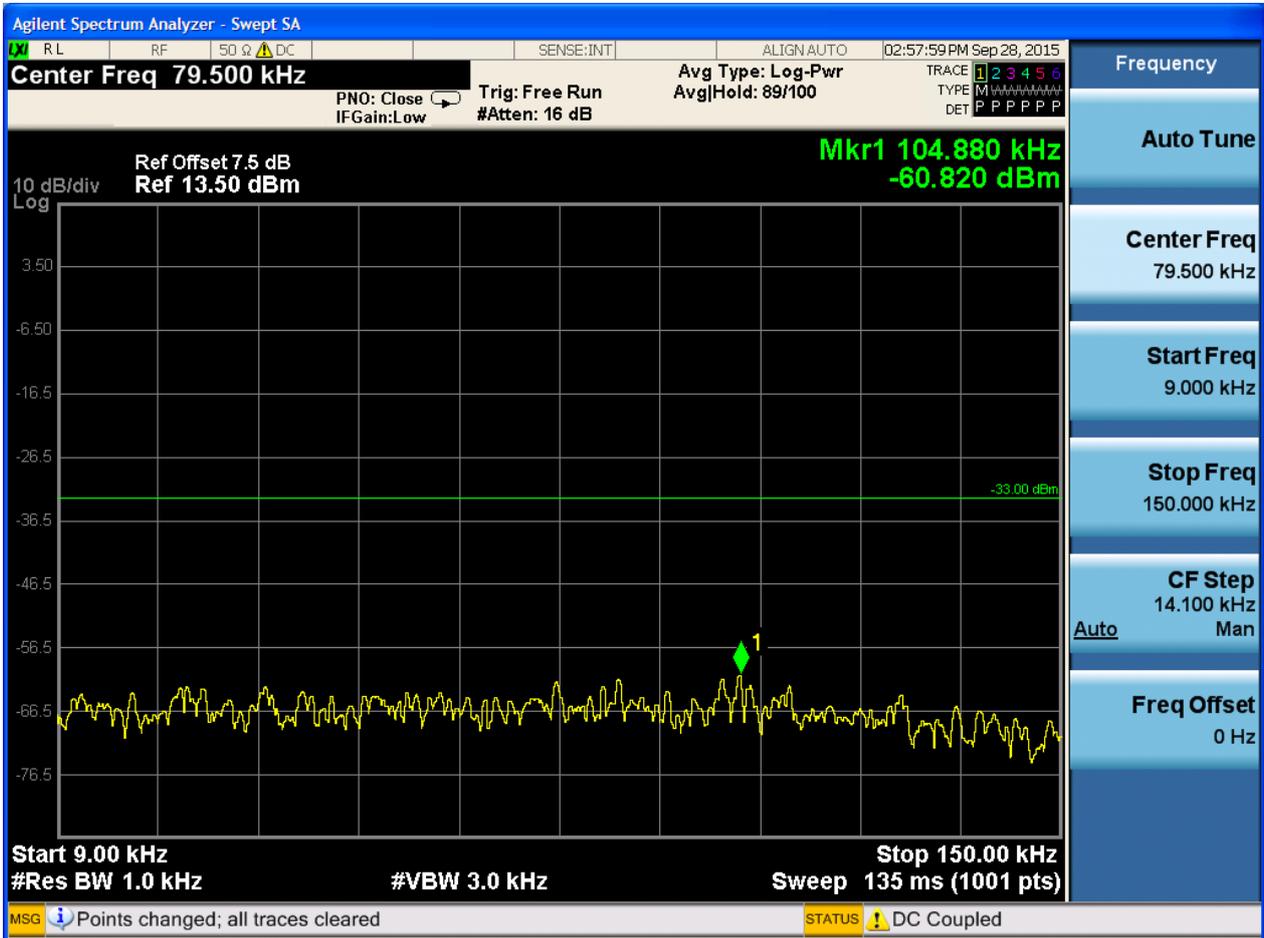




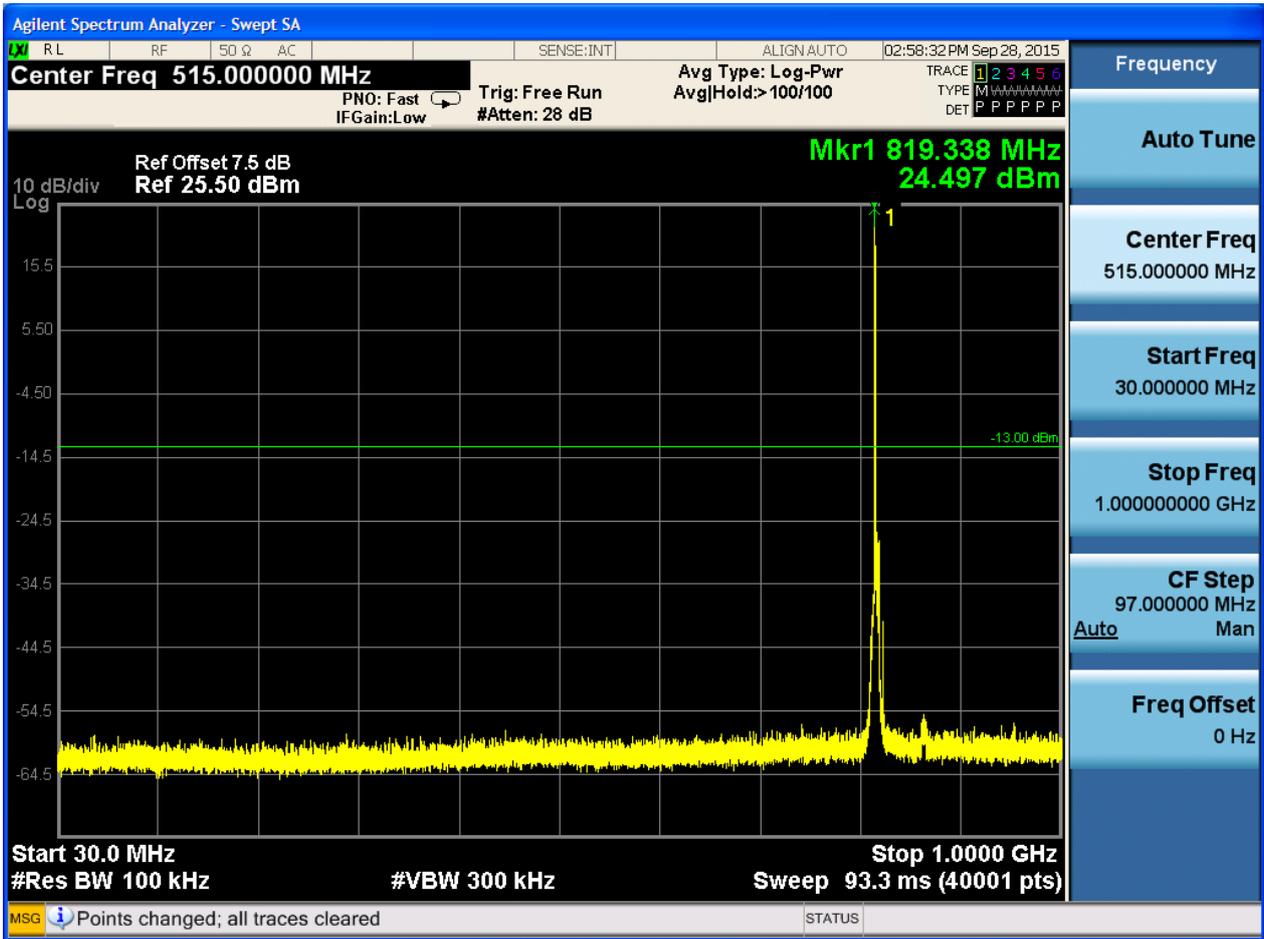


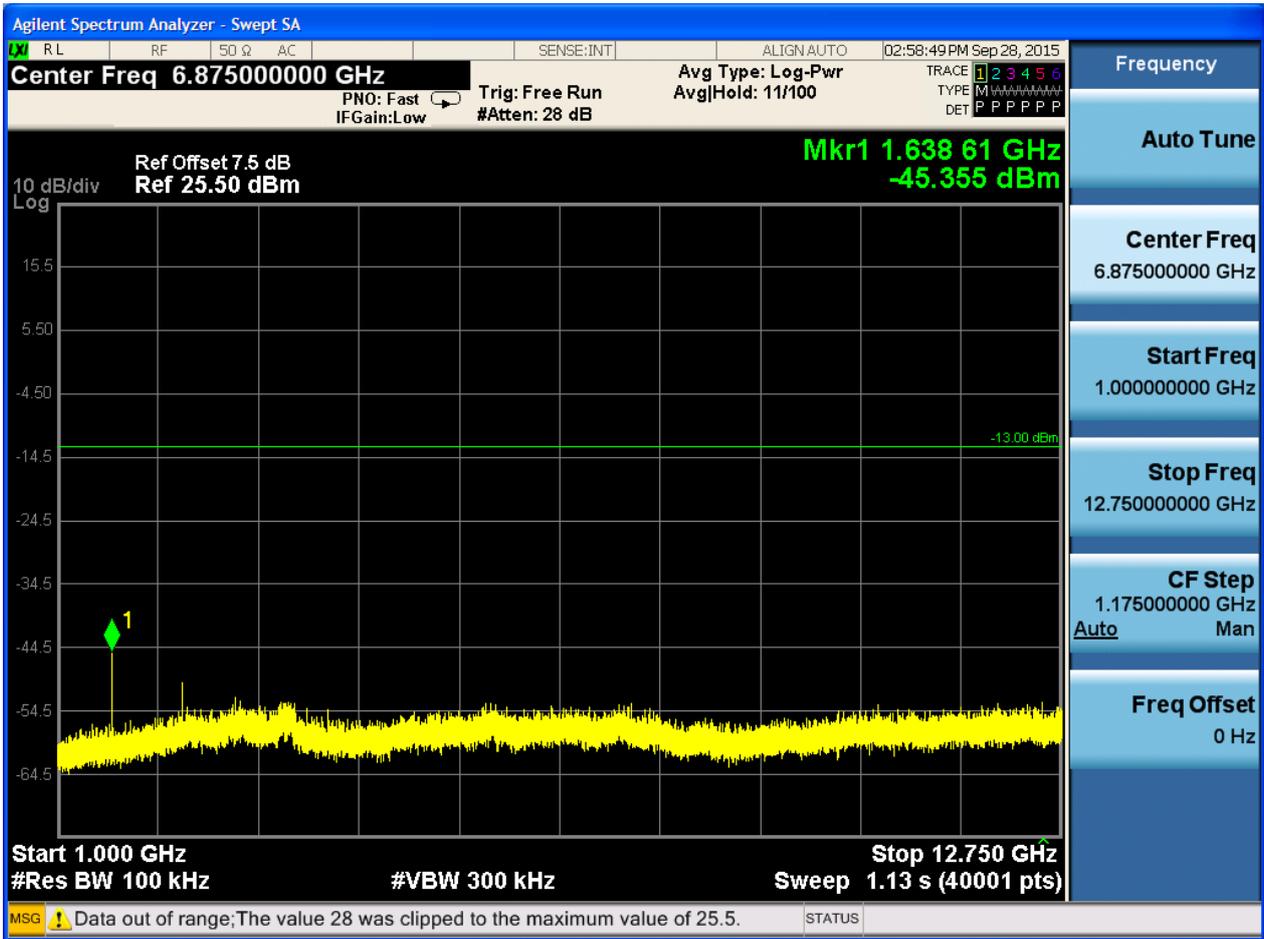
6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0







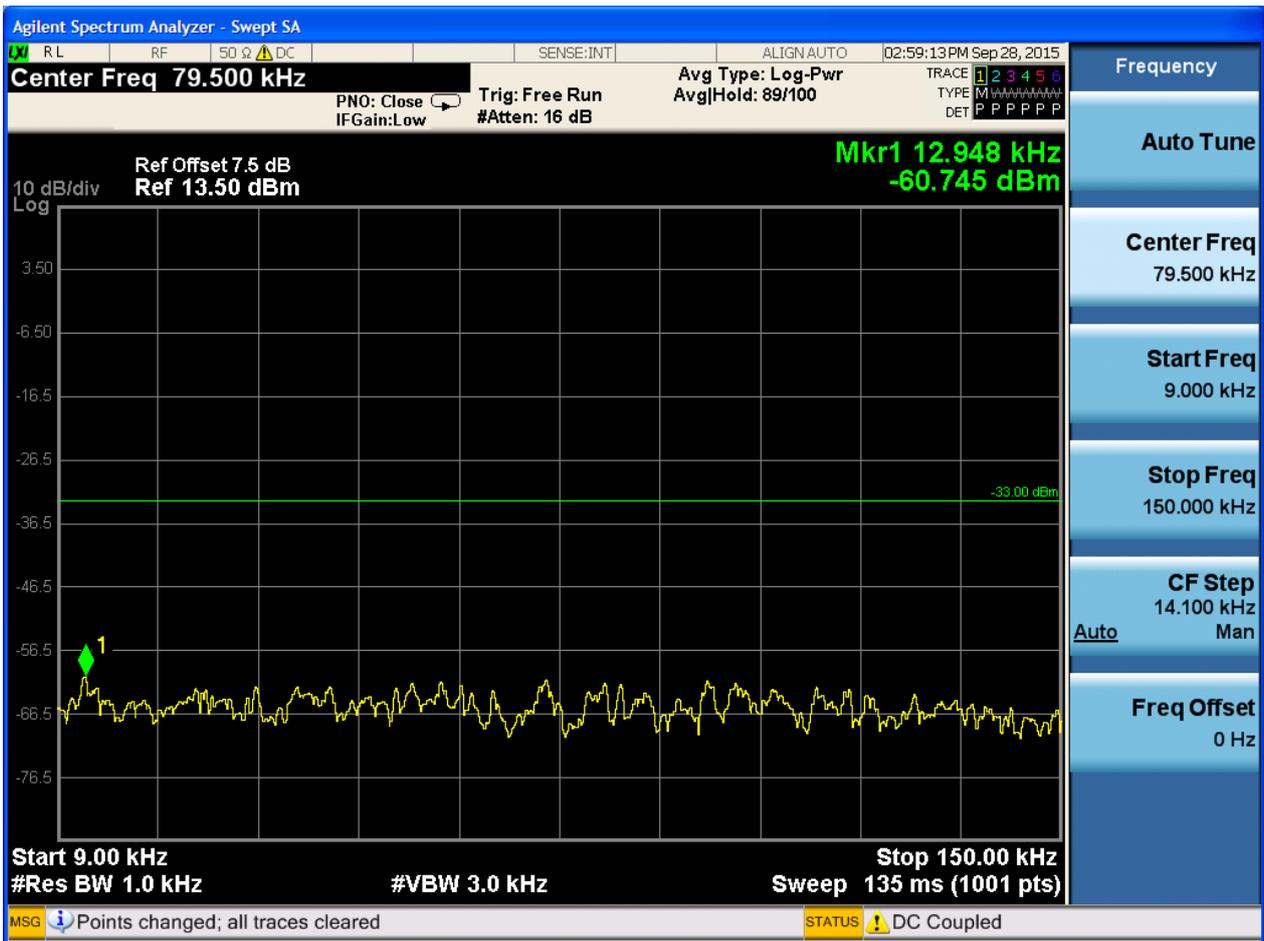


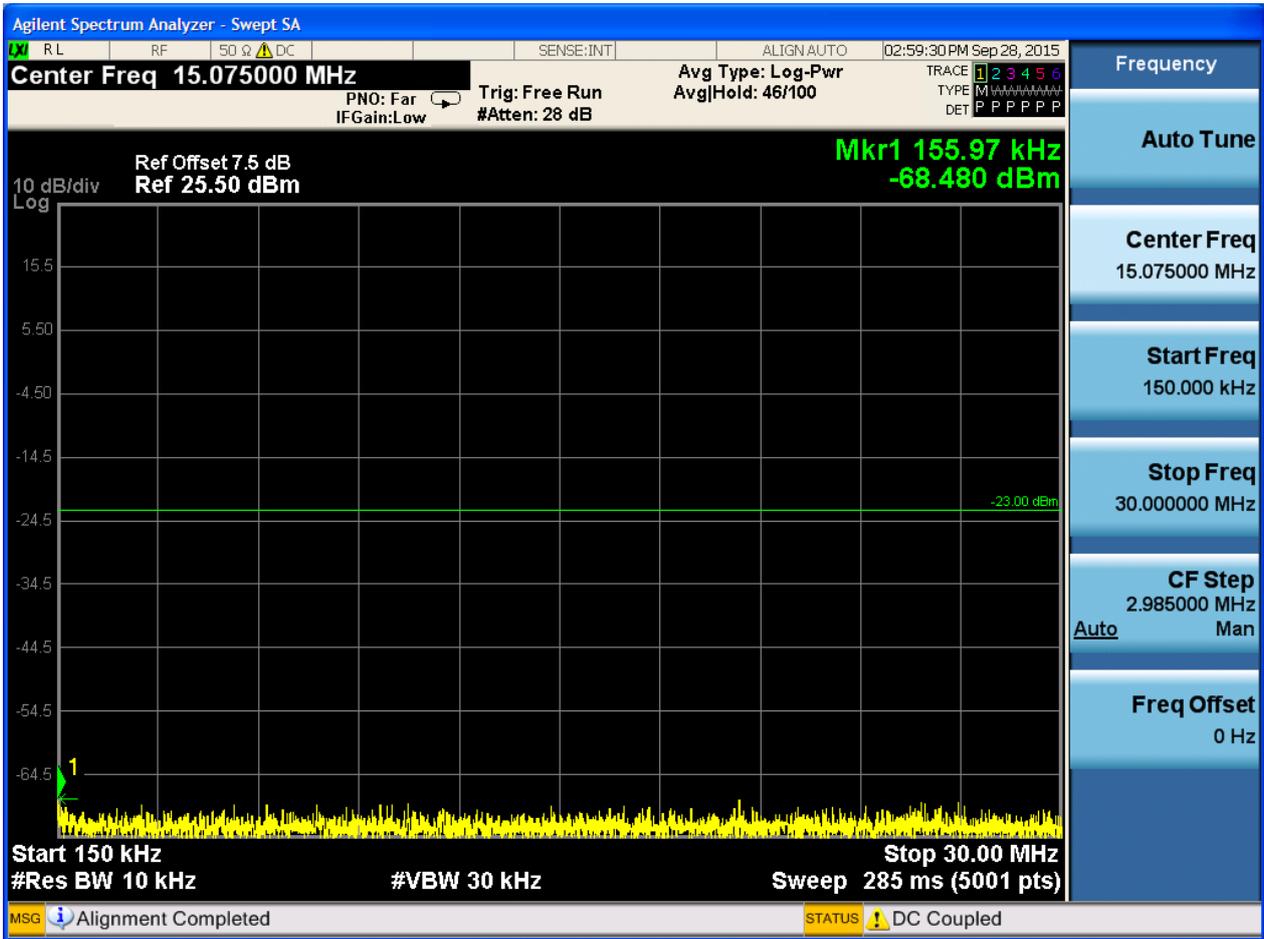


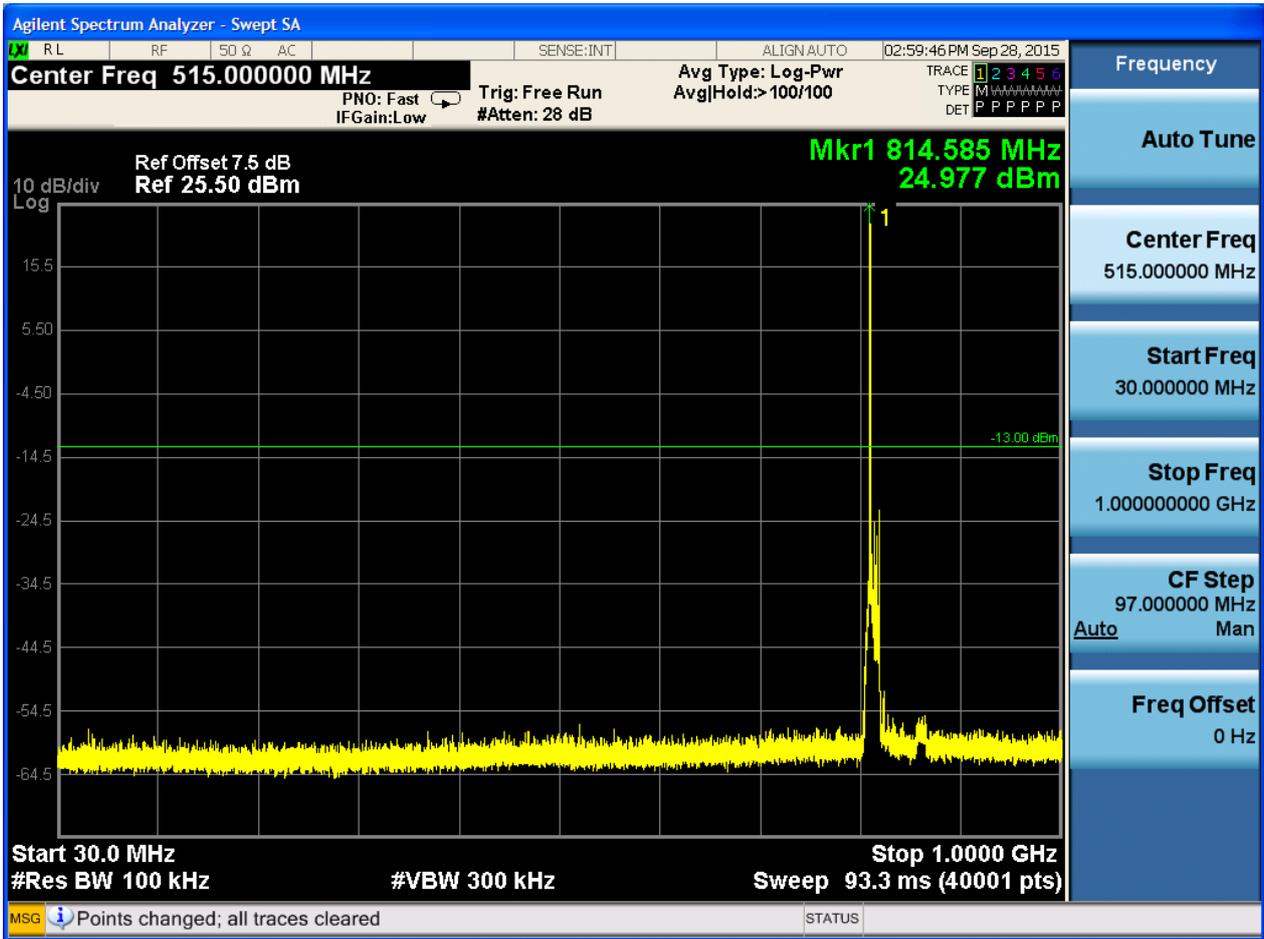
6.1.1.2.4 Test Bandwidth = 10

6.1.1.2.4.1 Test Channel = LCH/MCH/HCH

6.1.1.2.4.1.1 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

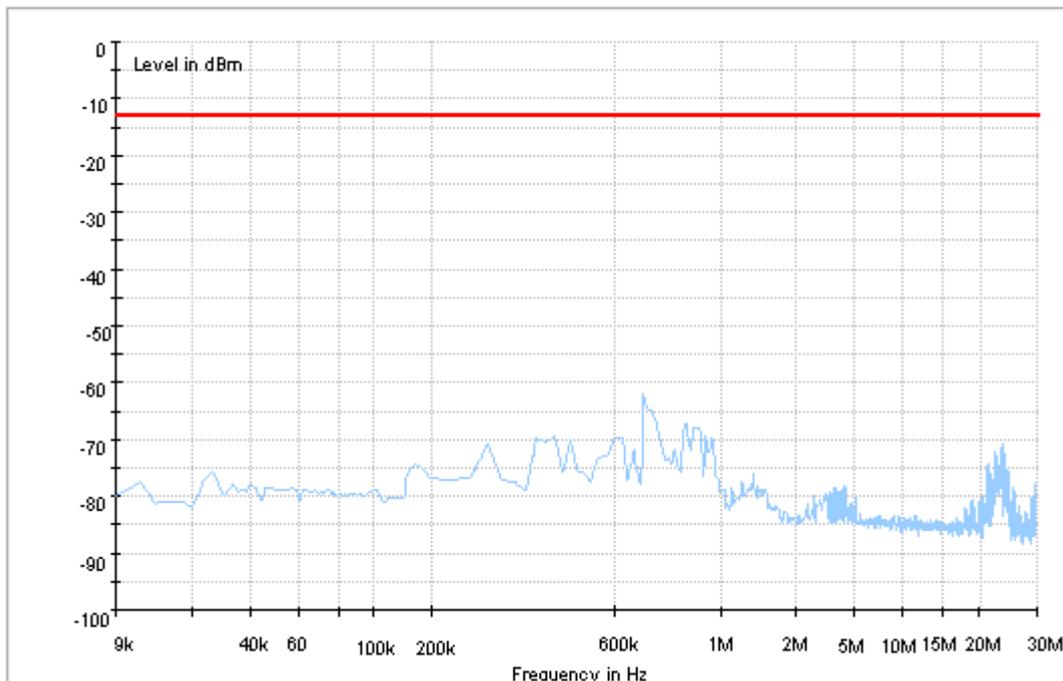
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

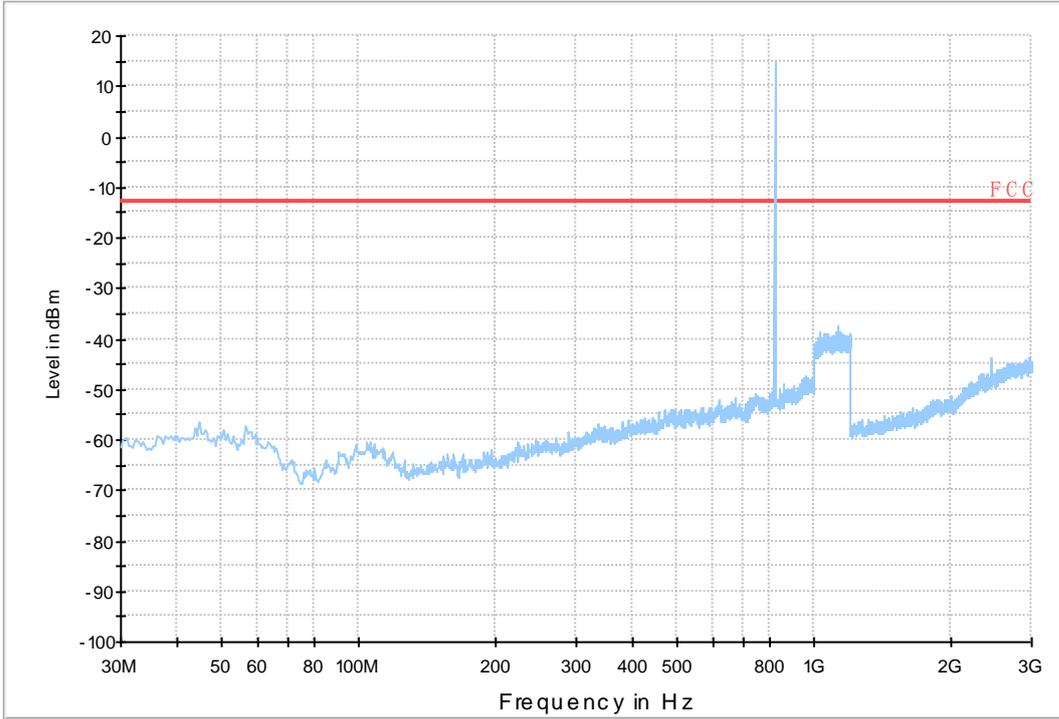
7.1 For LTE

7.1.1 Test Band = BAND26

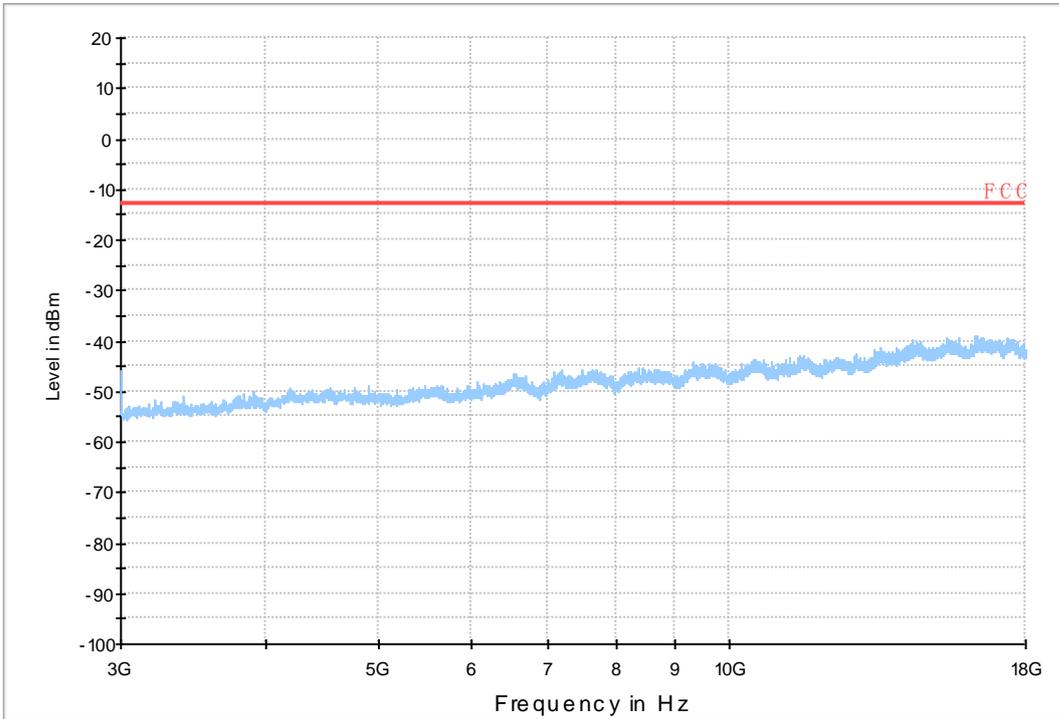
7.1.1.1 Test Bandwidth = 1.4



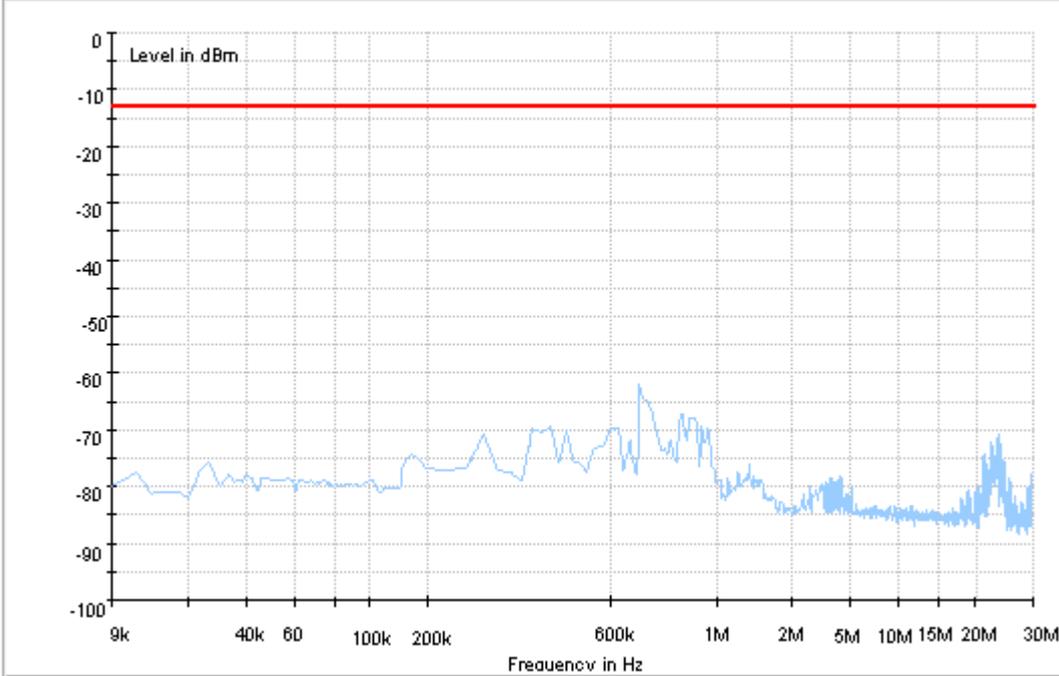
Copy of RSE-TX-DIRECTOR BELOW 1G_L



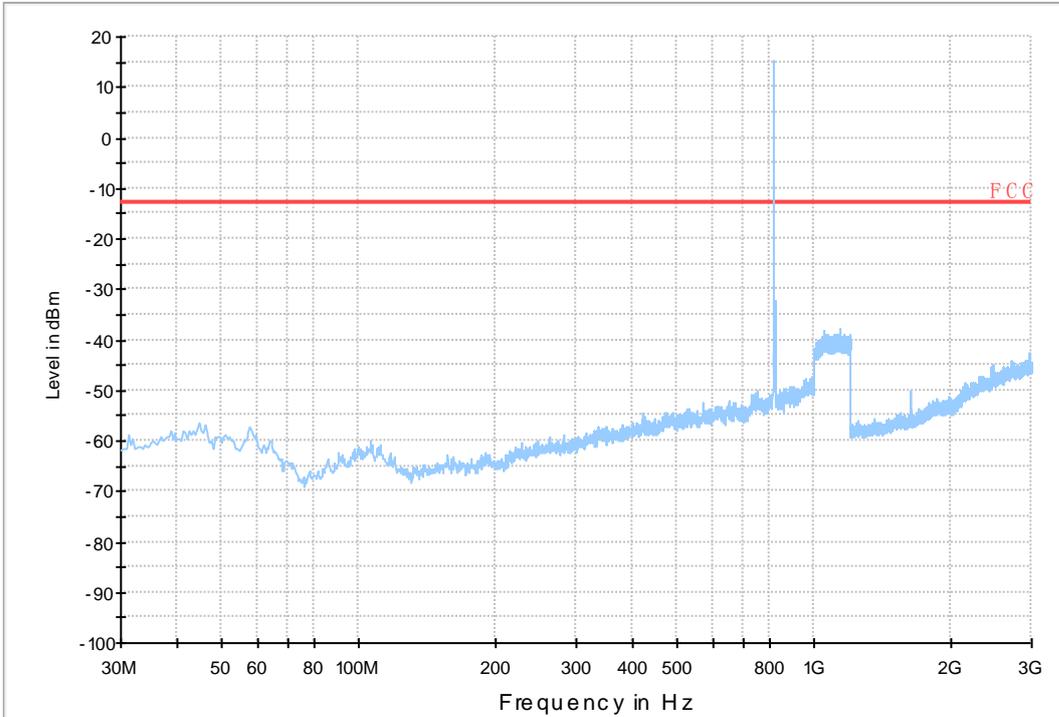
Copy of RSE-TX-DIRECTOR BELOW 1G_H



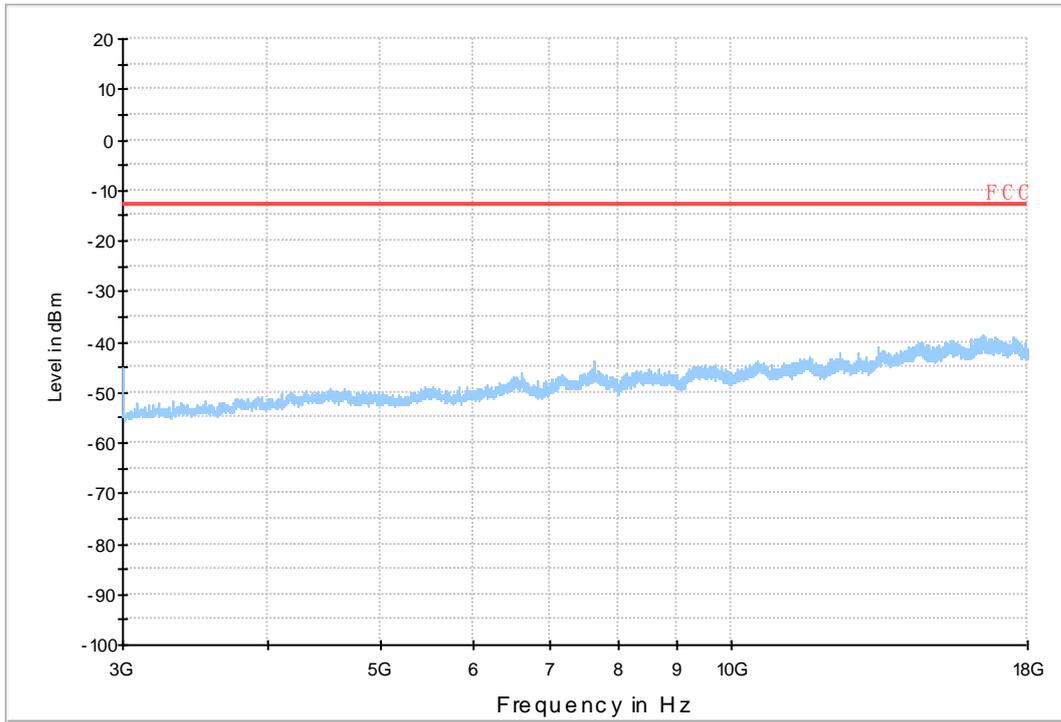
7.1.1.3 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L



Copy of RSE-TX-DIRECTOR BELOW 1G_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
BAND26	LTE/TM1	1.4	LCH	TN	VL	-2.30	-0.00282	PASS
					VN	-1.07	-0.00131	PASS
					VH	-6.52	-0.008	PASS
			MCH	TN	VL	-4.23	-0.00516	PASS
					VN	-2.82	-0.00344	PASS
					VH	-5.22	-0.00637	PASS
			HCH	TN	VL	-1.42	-0.00172	PASS
					VN	-0.10	-0.00012	PASS
					VH	-2.56	-0.00311	PASS
		3	LCH	TN	VL	3.19	0.00391	PASS
					VN	-5.46	-0.0067	PASS
					VH	-0.94	-0.00115	PASS
			MCH	TN	VL	1.09	0.00133	PASS
					VN	-2.56	-0.00313	PASS
					VH	2.35	0.00287	PASS
			HCH	TN	VL	-7.07	-0.0086	PASS
					VN	1.24	0.00151	PASS
					VH	-0.62	-0.00075	PASS
		5	LCH	TN	VL	1.80	0.0022	PASS
					VN	1.17	0.00143	PASS
					VH	3.18	0.00389	PASS
			MCH	TN	VL	-0.67	-0.00082	PASS
					VN	-1.47	-0.00179	PASS
					VH	-1.07	-0.00131	PASS
	HCH		TN	VL	3.78	0.0046	PASS	
				VN	-2.92	-0.00355	PASS	
				VH	0.36	0.00044	PASS	
	10	LCH/ MCH/ HCH	TN	VL	9.34	0.0114	PASS	
				VN	10.06	0.01228	PASS	
				VH	11.94	0.01458	PASS	
LTE/TM2	1.4	LCH	TN	VL	-7.18	-0.00881	PASS	
				VN	1.62	0.00199	PASS	
				VH	-3.02	-0.00371	PASS	
		MCH	TN	VL	4.88	0.00596	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-2.80	-0.00342	PASS
					VH	2.75	0.00336	PASS
					VL	-4.08	-0.00496	PASS
			HCH	TN	VN	-0.69	-0.00084	PASS
					VH	-6.38	-0.00775	PASS
					VL	-1.69	-0.00207	PASS
		LCH	TN	VN	-6.47	-0.00793	PASS	
				VH	1.29	0.00158	PASS	
				VL	1.47	0.00179	PASS	
		3	MCH	TN	VN	-2.68	-0.00327	PASS
					VH	-2.46	-0.003	PASS
					VL	2.49	0.00303	PASS
		HCH	TN	VN	-8.08	-0.00982	PASS	
				VH	-4.22	-0.00513	PASS	
				VL	-0.40	-0.00049	PASS	
		5	LCH	TN	VN	-1.54	-0.00189	PASS
					VH	0.97	0.00119	PASS
					VL	-1.09	-0.00133	PASS
		MCH	TN	VN	-2.60	-0.00317	PASS	
				VH	-2.76	-0.00337	PASS	
				VL	1.47	0.00179	PASS	
		HCH	TN	VN	-0.04	-0.00005	PASS	
				VH	1.16	0.00141	PASS	
				VL	2.98	0.00364	PASS	
10	LCH/ MCH/ HCH	TN	VN	3.10	0.00379	PASS		
			VH	4.42	0.0054	PASS		
			VL	4.42	0.0054	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
BAND26	LTE/TM1	1.4	LCH	VN	-30	-0.33	-0.00041	PASS
					-20	0.33	0.00041	PASS
					-10	0.69	0.00085	PASS
					0	0.29	0.00036	PASS
					10	-0.36	-0.00044	PASS
					20	-0.69	-0.00085	PASS
					30	-1.20	-0.00147	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	0.13	0.00016	PASS
					50	-0.26	-0.00032	PASS
			MCH	VN	-30	-1.14	-0.00139	PASS
					-20	-3.33	-0.00407	PASS
					-10	-2.85	-0.00348	PASS
					0	-2.70	-0.0033	PASS
					10	-2.15	-0.00263	PASS
					20	-1.42	-0.00173	PASS
					30	-2.17	-0.00265	PASS
					40	-4.16	-0.00508	PASS
			50	-0.97	-0.00118	PASS		
			HCH	VN	-30	-0.07	-0.00009	PASS
					-20	-1.07	-0.0013	PASS
					-10	-0.31	-0.00038	PASS
					0	-0.60	-0.00073	PASS
					10	0.13	0.00016	PASS
					20	-0.37	-0.00045	PASS
					30	-0.27	-0.00033	PASS
					40	-0.21	-0.00026	PASS
			50	-0.03	-0.00004	PASS		
		3	LCH	VN	-30	-1.70	-0.00208	PASS
					-20	3.85	0.00472	PASS
					-10	-4.75	-0.00582	PASS
					0	0.93	0.00114	PASS
					10	1.36	0.00167	PASS
					20	1.03	0.00126	PASS
					30	-0.79	-0.00097	PASS
					40	2.20	0.0027	PASS
					50	2.19	0.00269	PASS
					MCH	VN	-30	-0.57
			-20	1.49			0.00182	PASS
			-10	0.17			0.00021	PASS
			0	-4.18			-0.0051	PASS
			10	2.50			0.00305	PASS
			20	-1.70			-0.00208	PASS
			30	-4.71			-0.00575	PASS
			40	-0.84			-0.00103	PASS
			50	-2.27	-0.00277	PASS		
			HCH	VN	-30	2.27	0.00276	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	-0.97	-0.00118	PASS		
					-10	-1.39	-0.00169	PASS		
					0	0.21	0.00026	PASS		
					10	-0.44	-0.00053	PASS		
					20	-1.37	-0.00167	PASS		
					30	-0.49	-0.0006	PASS		
					40	-3.75	-0.00456	PASS		
					50	-2.13	-0.00259	PASS		
		5	LCH	VN	-30	1.14	0.0014	PASS		
					-20	-0.19	-0.00023	PASS		
					-10	1.93	0.00236	PASS		
					0	1.42	0.00174	PASS		
					10	0.04	0.00005	PASS		
					20	0.47	0.00058	PASS		
					30	-3.39	-0.00415	PASS		
					40	2.62	0.00321	PASS		
					50	0.39	0.00048	PASS		
					MCH	VN	-30	-2.00	-0.00244	PASS
							-20	-2.13	-0.0026	PASS
							-10	-0.93	-0.00114	PASS
			0	-1.79			-0.00219	PASS		
			10	-2.89			-0.00353	PASS		
			20	-1.49			-0.00182	PASS		
			30	-2.37			-0.00289	PASS		
			40	-2.36			-0.00288	PASS		
			50	-2.49			-0.00304	PASS		
			HCH	VN			-30	-0.57	-0.00069	PASS
							-20	1.92	0.00234	PASS
							-10	-1.99	-0.00242	PASS
					0	-0.59	-0.00072	PASS		
					10	0.40	0.00049	PASS		
					20	-2.52	-0.00307	PASS		
		30			-1.86	-0.00226	PASS			
		40			-1.76	-0.00214	PASS			
		50	0.03	0.00004	PASS					
		10	LCH/ MCH/ HCH	VN	-30	9.93	0.01212	PASS		
					-20	11.87	0.01449	PASS		
					-10	5.19	0.00634	PASS		
					0	8.25	0.01007	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict				
					10	9.34	0.0114	PASS				
					20	11.37	0.01388	PASS				
					30	9.30	0.01136	PASS				
					40	9.86	0.01204	PASS				
					50	9.20	0.01123	PASS				
					LTE/TM2	1.4	LCH	VN	-30	-0.73	-0.0009	PASS
									-20	-2.36	-0.0029	PASS
									-10	-0.97	-0.00119	PASS
									0	0.43	0.00053	PASS
									10	-0.47	-0.00058	PASS
									20	-1.12	-0.00137	PASS
									30	-0.27	-0.00033	PASS
									40	-0.24	-0.00029	PASS
									50	-0.80	-0.00098	PASS
							MCH	VN	-30	-1.06	-0.00129	PASS
	-20	-2.37	-0.00289	PASS								
	-10	-1.40	-0.00171	PASS								
	0	-1.07	-0.00131	PASS								
	10	-1.72	-0.0021	PASS								
	20	-0.90	-0.0011	PASS								
	30	-2.70	-0.0033	PASS								
	40	-0.97	-0.00118	PASS								
	50	-2.25	-0.00275	PASS								
	HCH	VN	-30	-0.39	-0.00047	PASS						
			-20	-0.49	-0.0006	PASS						
			-10	-0.87	-0.00106	PASS						
			0	-0.66	-0.0008	PASS						
			10	-0.49	-0.0006	PASS						
			20	-1.06	-0.00129	PASS						
			30	-0.64	-0.00078	PASS						
			40	-1.37	-0.00166	PASS						
			50	-1.33	-0.00162	PASS						
	3	LCH	VN	-30	2.29	0.00281	PASS					
-20				-0.54	-0.00066	PASS						
-10				-1.03	-0.00126	PASS						
0				0.83	0.00102	PASS						
10				2.16	0.00265	PASS						
20				3.65	0.00448	PASS						
30				4.73	0.0058	PASS						



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					40	-1.26	-0.00155	PASS	
					50	0.54	0.00066	PASS	
			MCH	VN	-30	-2.89	-0.00353	PASS	
					-20	1.16	0.00142	PASS	
					-10	-0.54	-0.00066	PASS	
					0	-2.07	-0.00253	PASS	
					10	-2.73	-0.00333	PASS	
					20	-0.83	-0.00101	PASS	
					30	3.30	0.00403	PASS	
					40	0.20	0.00024	PASS	
					50	2.02	0.00247	PASS	
					HCH	VN	-30	-0.13	-0.00016
			-20	1.30			0.00158	PASS	
			-10	1.54			0.00187	PASS	
			0	0.00			0	PASS	
			10	-2.33			-0.00283	PASS	
			20	-1.26			-0.00153	PASS	
			30	1.23			0.0015	PASS	
			40	1.65			0.00201	PASS	
			5		LCH	VN	-30	-0.34	-0.00042
		-20					-1.03	-0.00126	PASS
		-10					1.56	0.00191	PASS
		0					2.62	0.00321	PASS
		10					0.11	0.00013	PASS
		20					-0.93	-0.00114	PASS
		30					-1.53	-0.00187	PASS
		40					0.70	0.00086	PASS
		50					-0.89	-0.00109	PASS
		MCH					VN	-30	-0.51
					-20	-1.20		-0.00147	PASS
					-10	-2.65		-0.00324	PASS
					0	-1.49		-0.00182	PASS
					10	-1.92		-0.00234	PASS
					20	-0.76		-0.00093	PASS
					30	-2.88		-0.00352	PASS
					40	1.95		0.00238	PASS
					50	0.16		0.0002	PASS
					HCH	VN		-30	0.37

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-1.89	-0.0023	PASS
					-10	-0.39	-0.00047	PASS
					0	-0.99	-0.00121	PASS
					10	-3.49	-0.00425	PASS
					20	-3.69	-0.00449	PASS
					30	-4.08	-0.00497	PASS
					40	0.82	0.001	PASS
					50	-1.26	-0.00153	PASS
		10	LCH/ MCH/ HCH	VN	-30	1.69	0.00206	PASS
					-20	3.55	0.00433	PASS
					-10	3.99	0.00487	PASS
					0	3.23	0.00394	PASS
					10	0.70	0.00085	PASS
					20	3.65	0.00446	PASS
					30	1.72	0.0021	PASS
					40	3.15	0.00385	PASS
					50	5.72	0.00698	PASS

END