

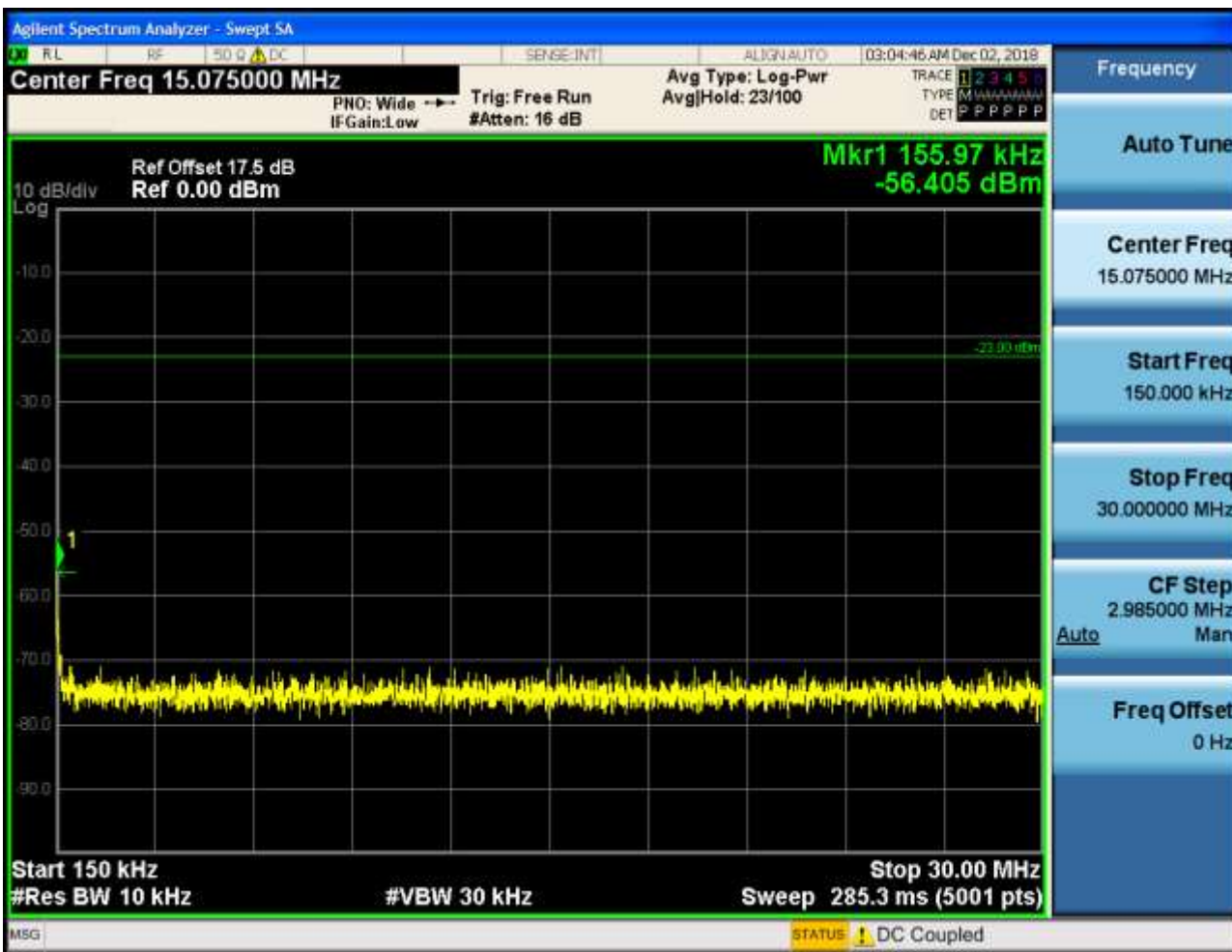


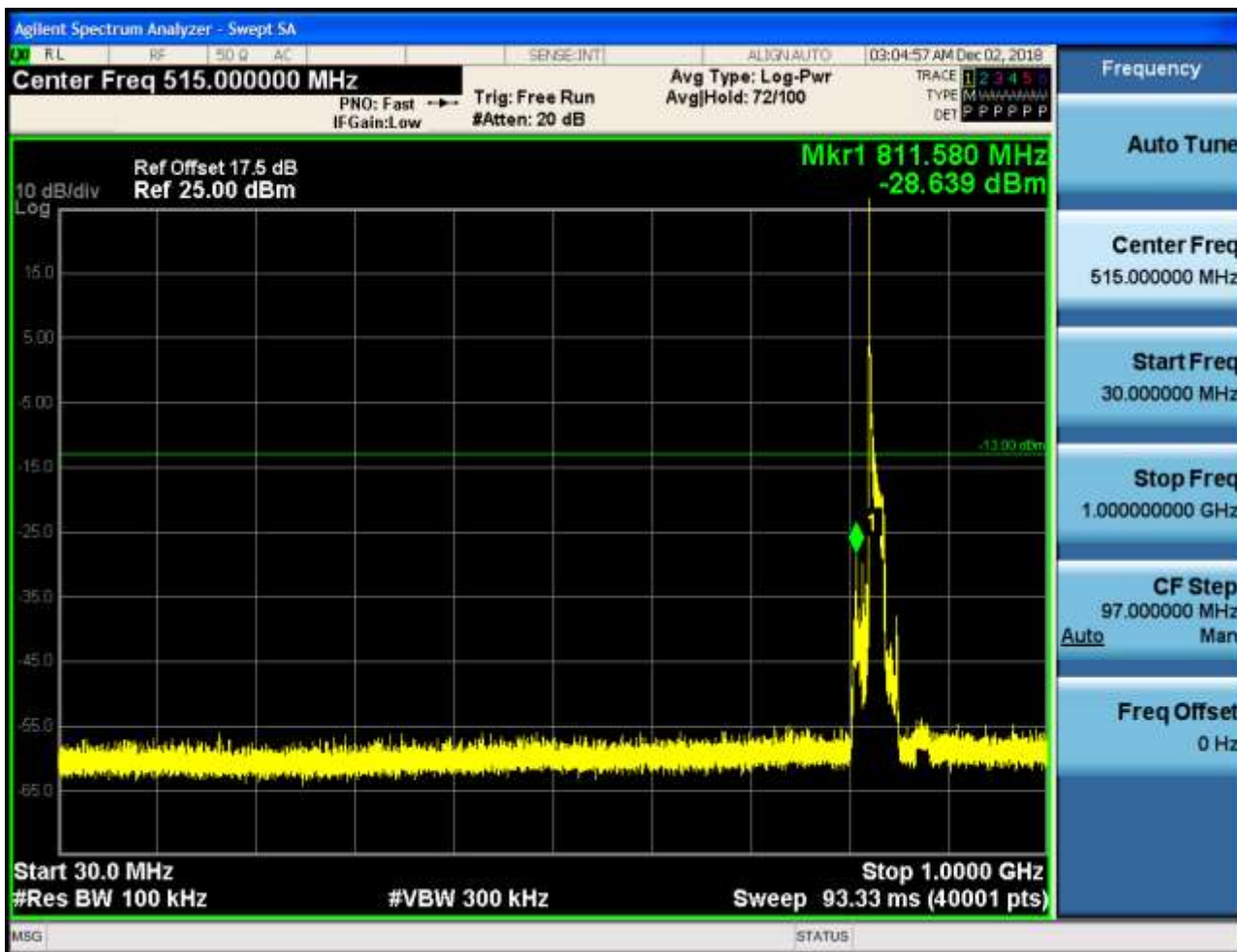
6.2.1.2.5 Test Bandwidth = 15

6.2.1.2.5.1 Test Channel = LCH

6.2.1.2.5.1.1 Test RB = RB1#0







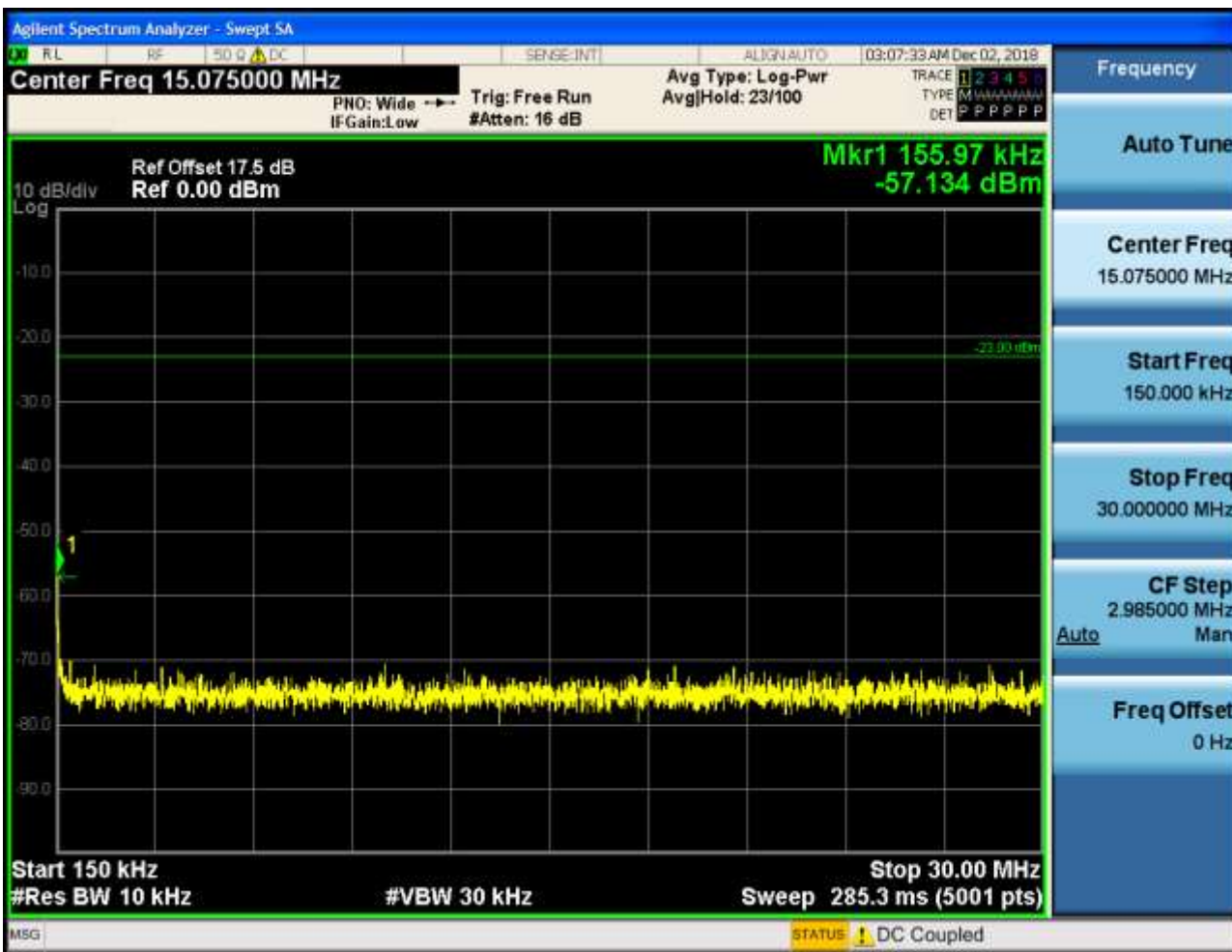


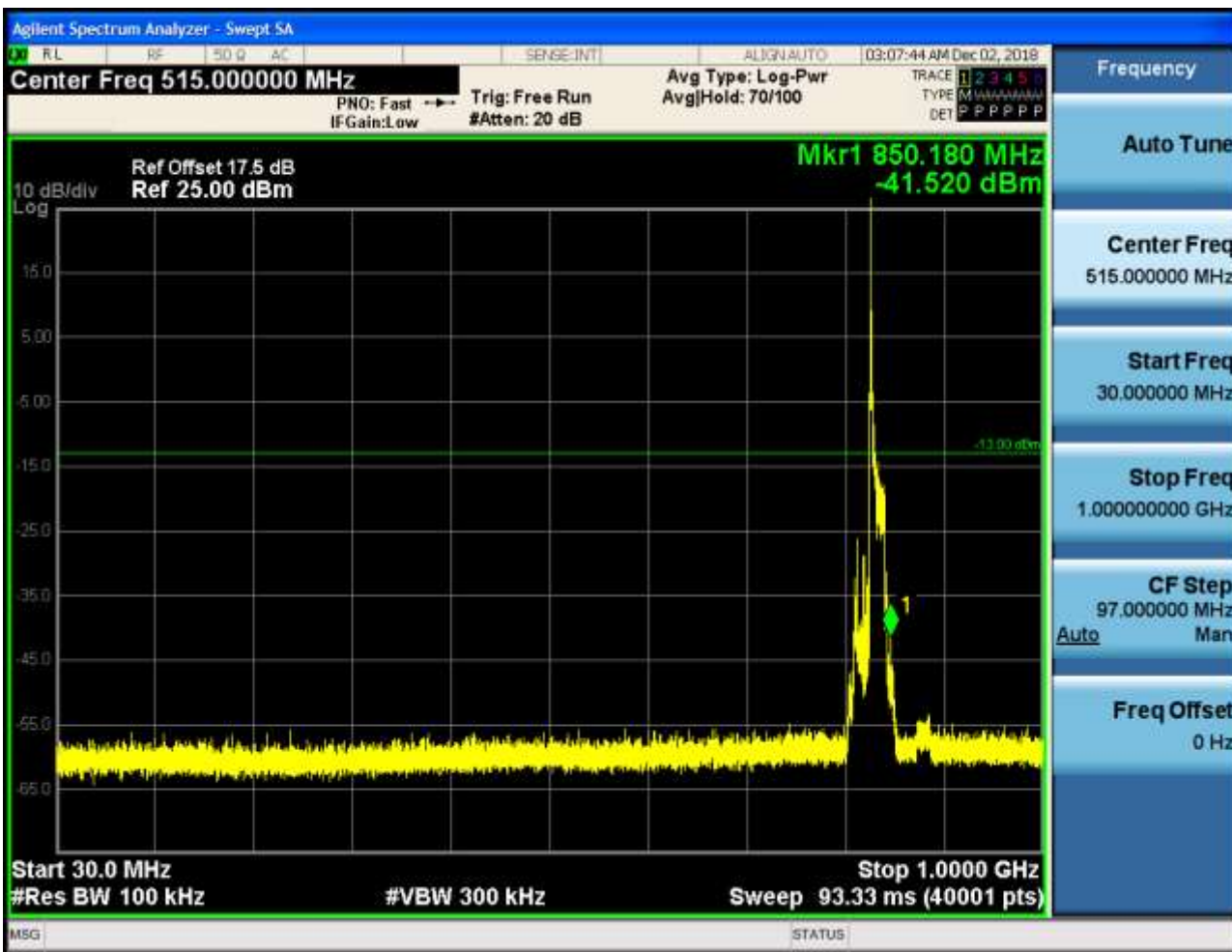


6.2.1.2.5.2 Test Channel = MCH

6.2.1.2.5.2.1 Test RB = RB1#0





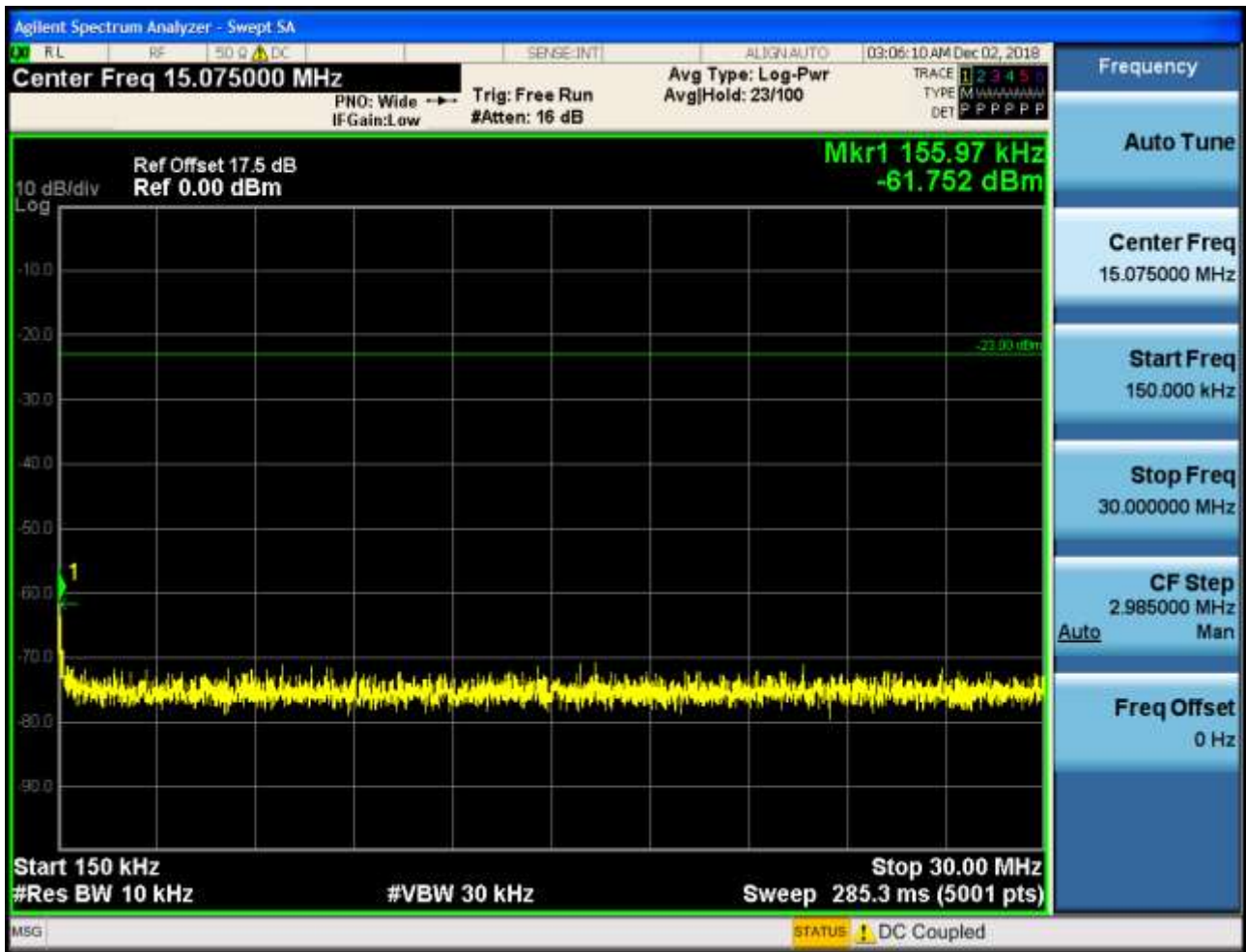


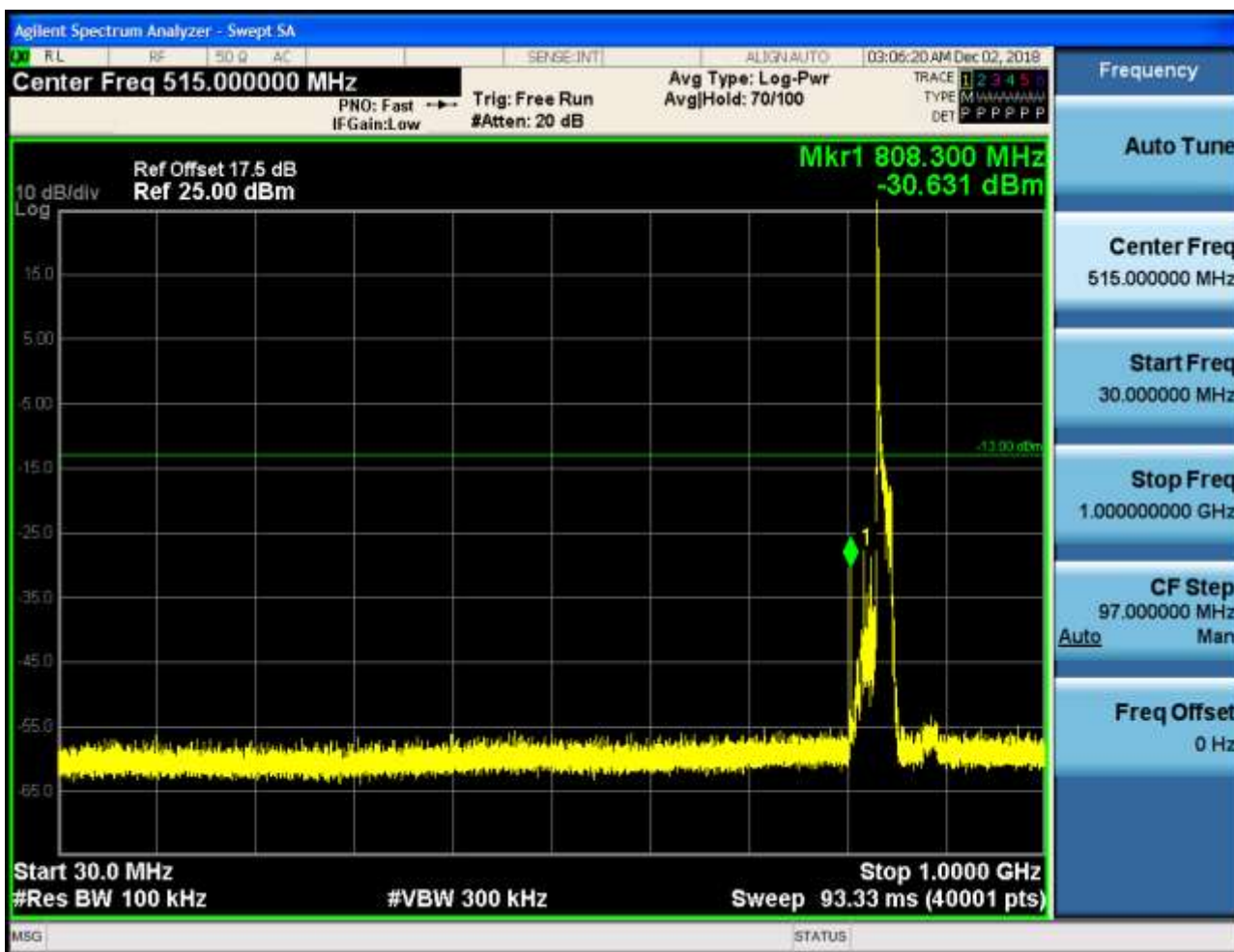


6.2.1.2.5.3 Test Channel = HCH

6.2.1.2.5.3.1 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

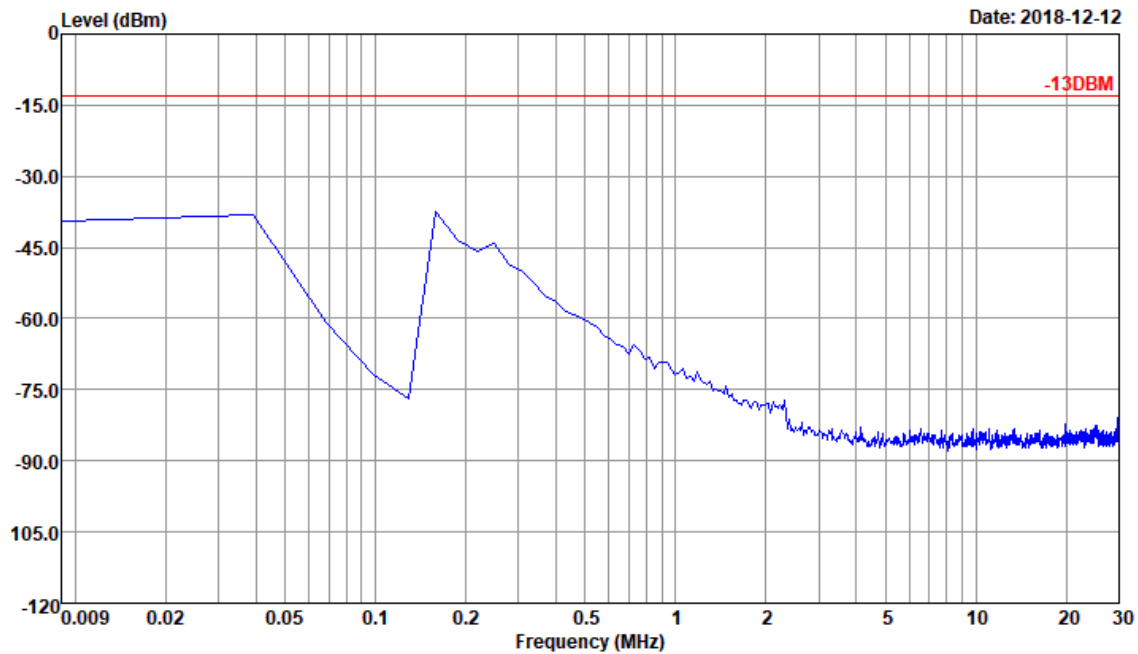
7.1.1 Test Band = Band26 (824-849 MHz)_ANT1

7.1.1.1 Test Bandwidth = 1.4



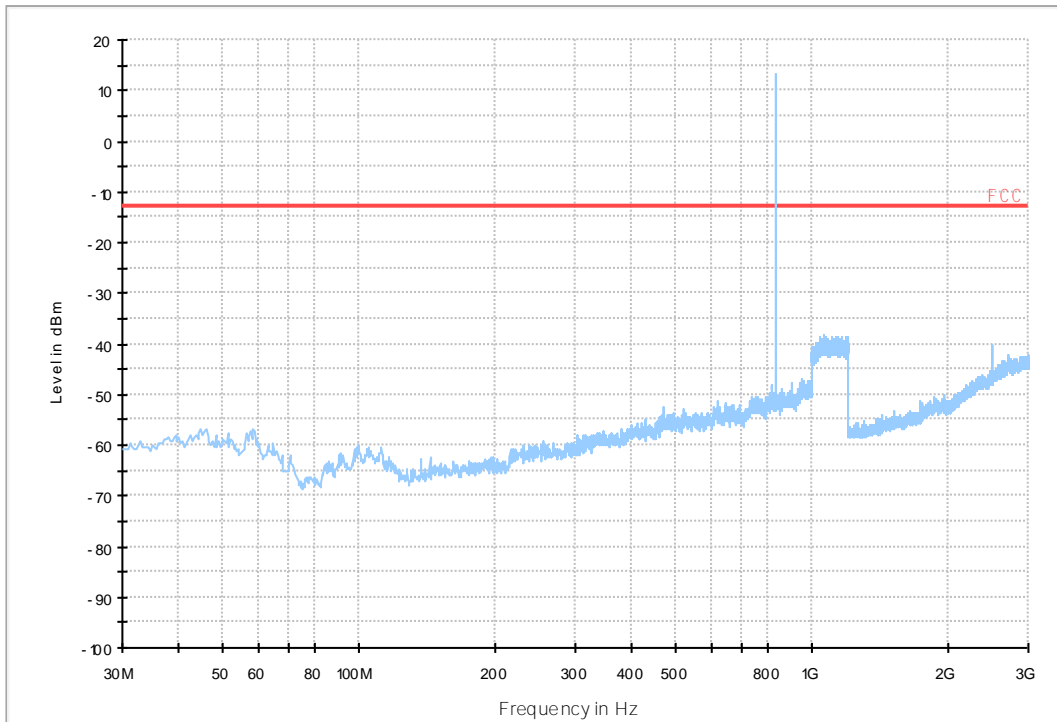
Data: 79

Date: 2018-12-12

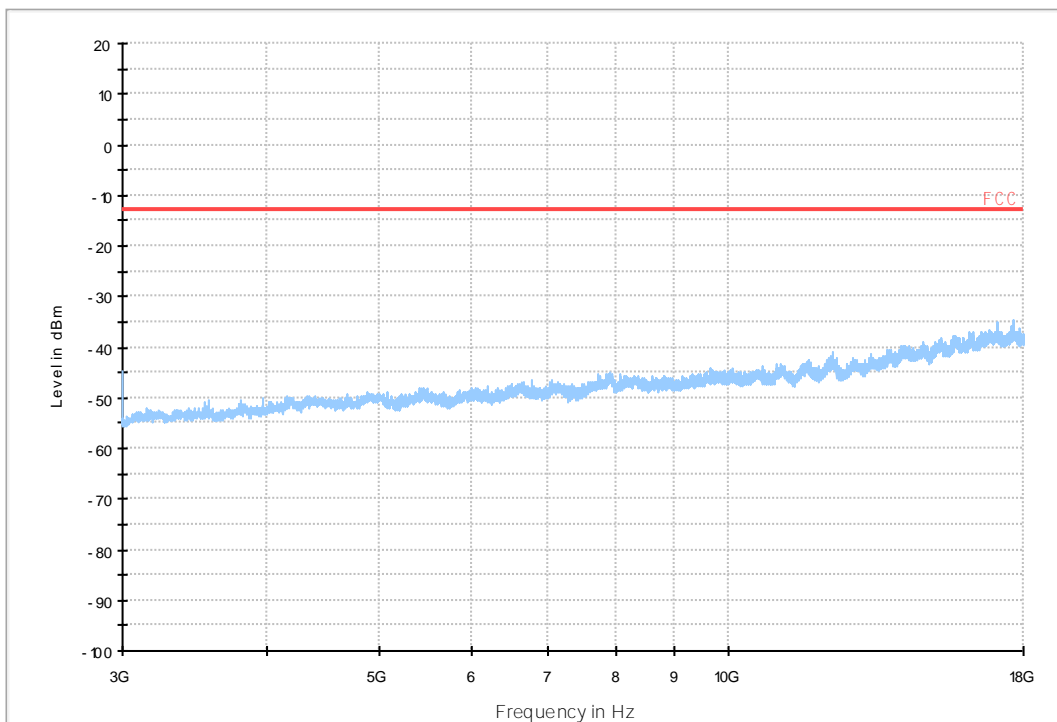


Site : 03CH01-SZ
Condition : -13DBM
: RBW:9.000KHz VBW:30.000KHz

LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



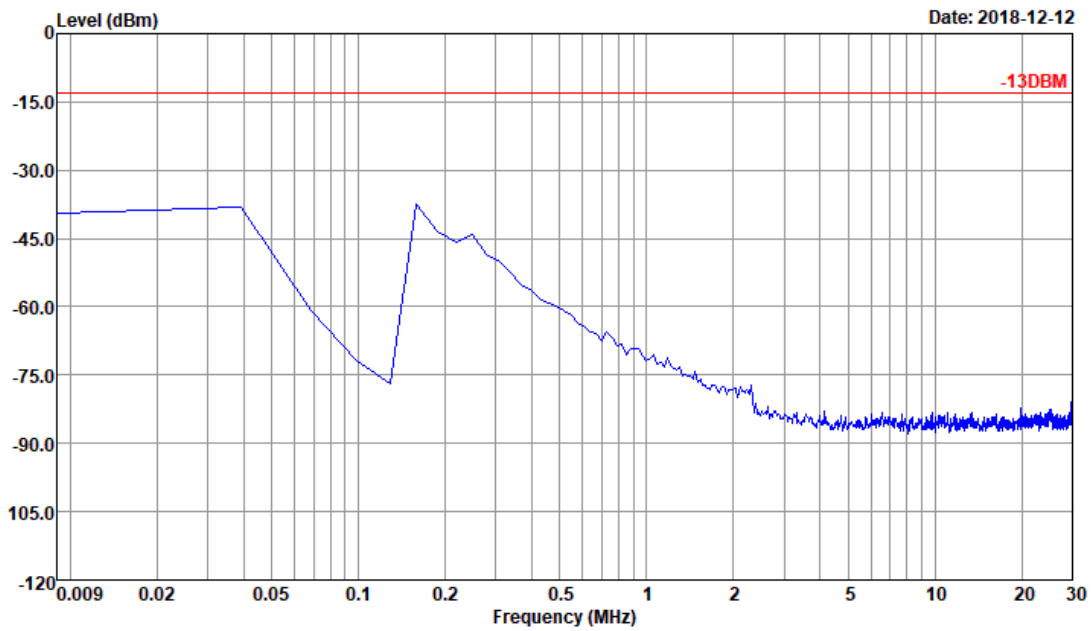
LTE FDD RSE-TX-DIRECTOR BELOW 1G_H



7.1.1.2 Test Bandwidth = 15

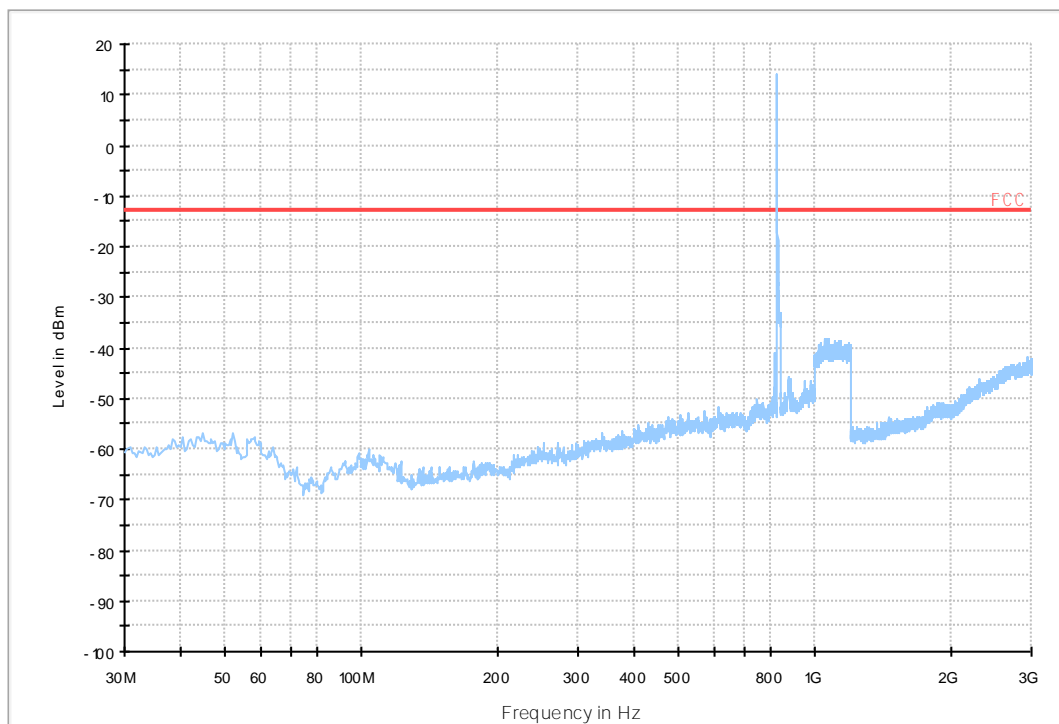


Data: 79

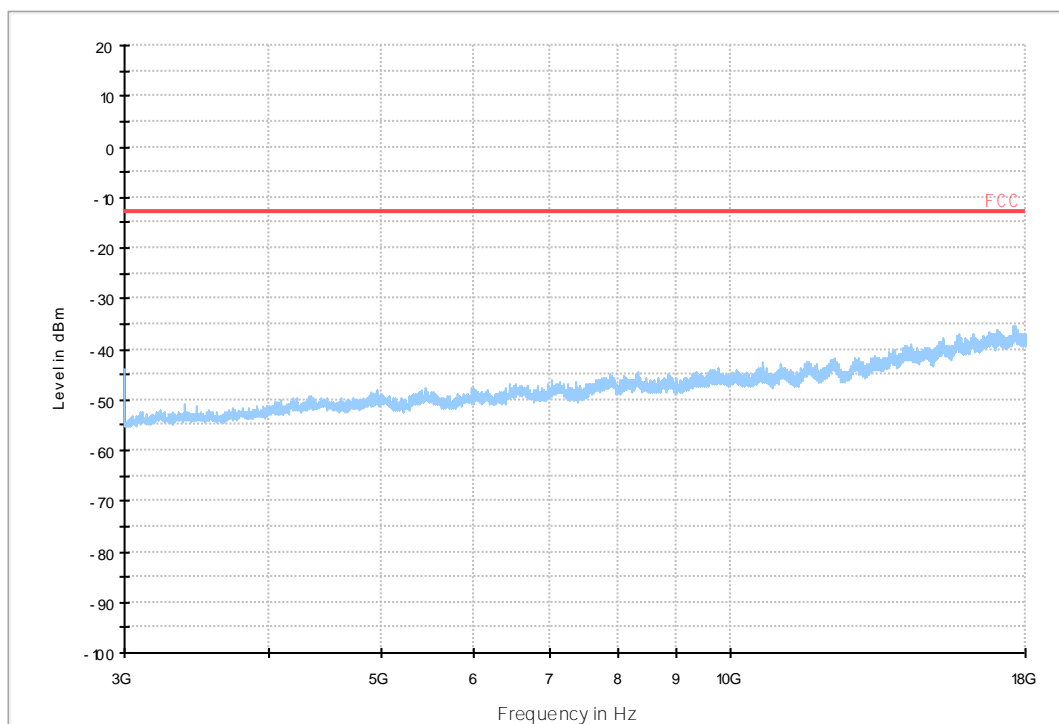


Site : 03CH01-SZ
Condition : -13DBM
: RBW:9.000KHz VBW:30.000KHz

LTE FDD RSE-TX-DIRECTOR BELOW 1G_L

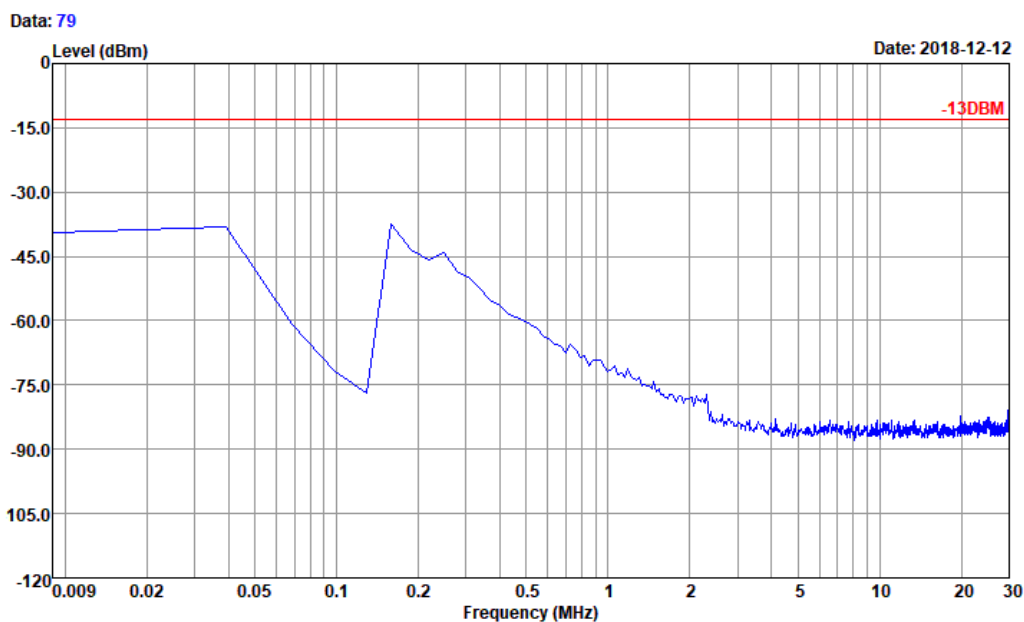


LTE FDD RSE-TX-DIRECTOR BELOW 1G_H



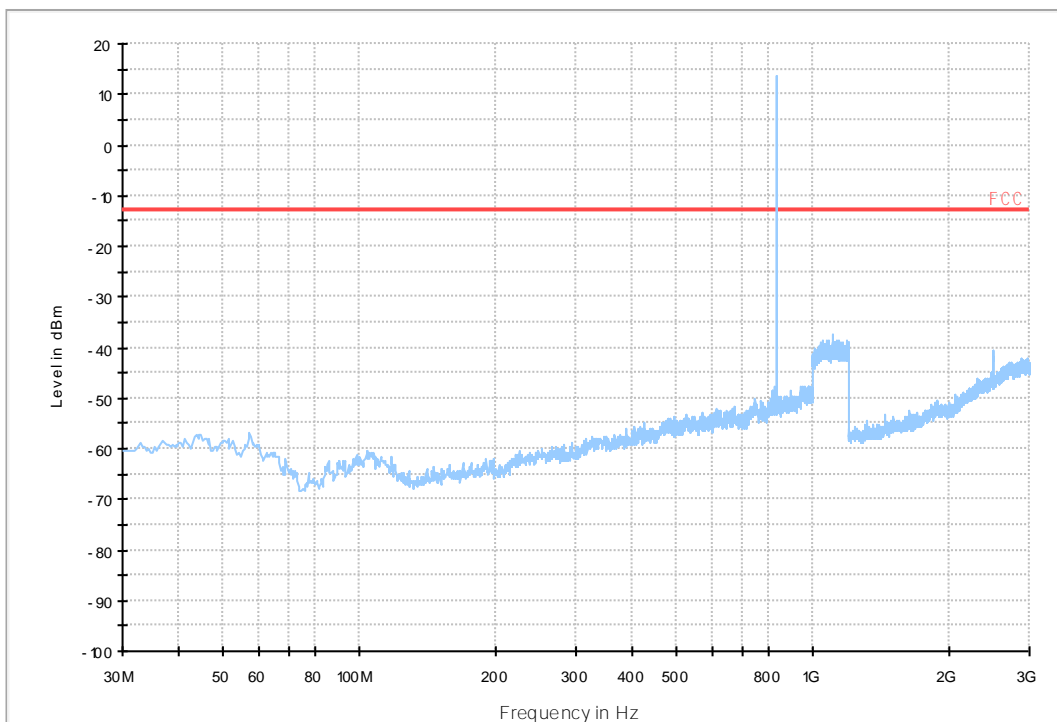
7.1.2 Test Band = Band26 (824-849 MHz)_ANT2

7.1.2.1 Test Bandwidth = 1.4

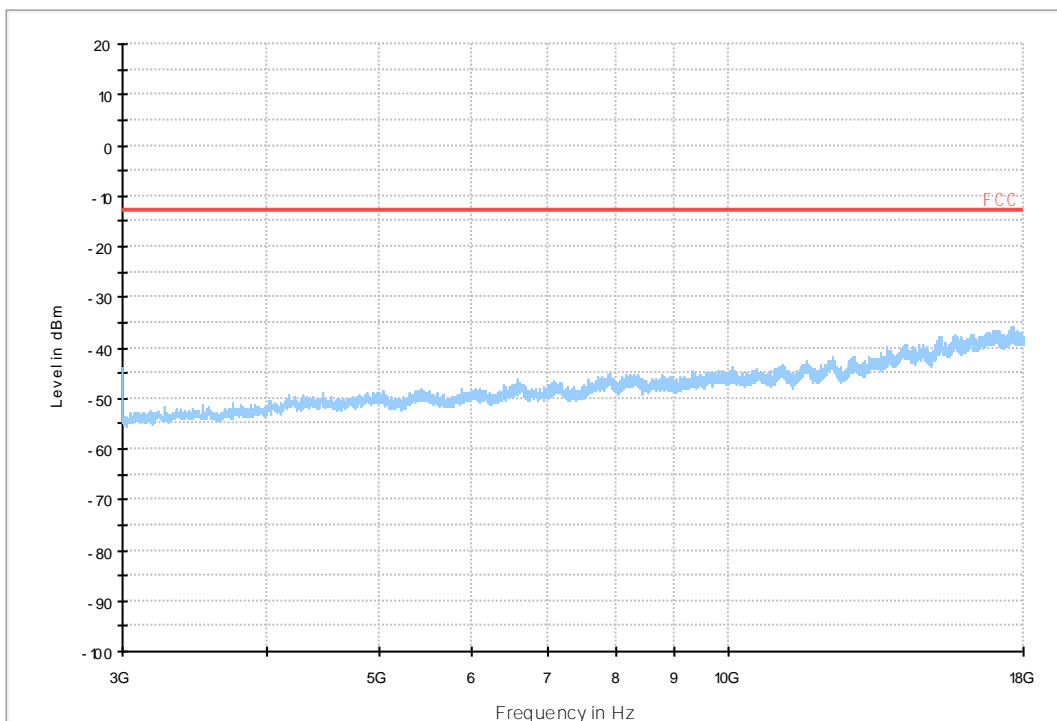


Site : 03CH01-SZ
Condition : -13DBM
: RBW:9.000KHz VBW:30.000KHz

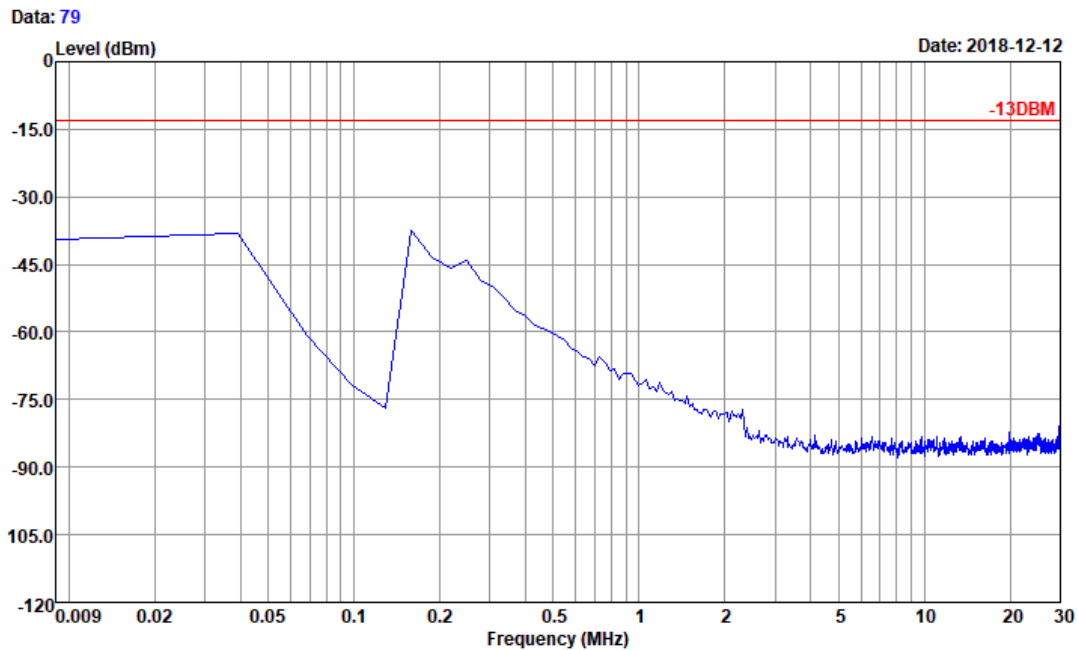
LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



LTE FDD RSE-TX-DIRECTOR BELOW 1G_H

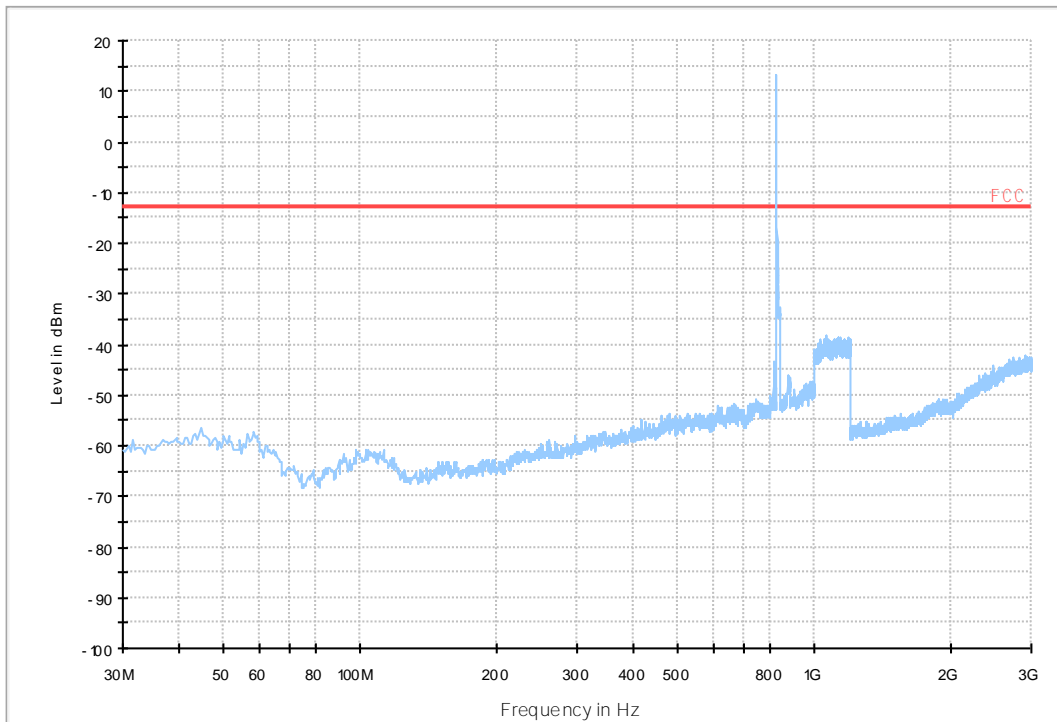


7.1.2.2 Test Bandwidth = 15

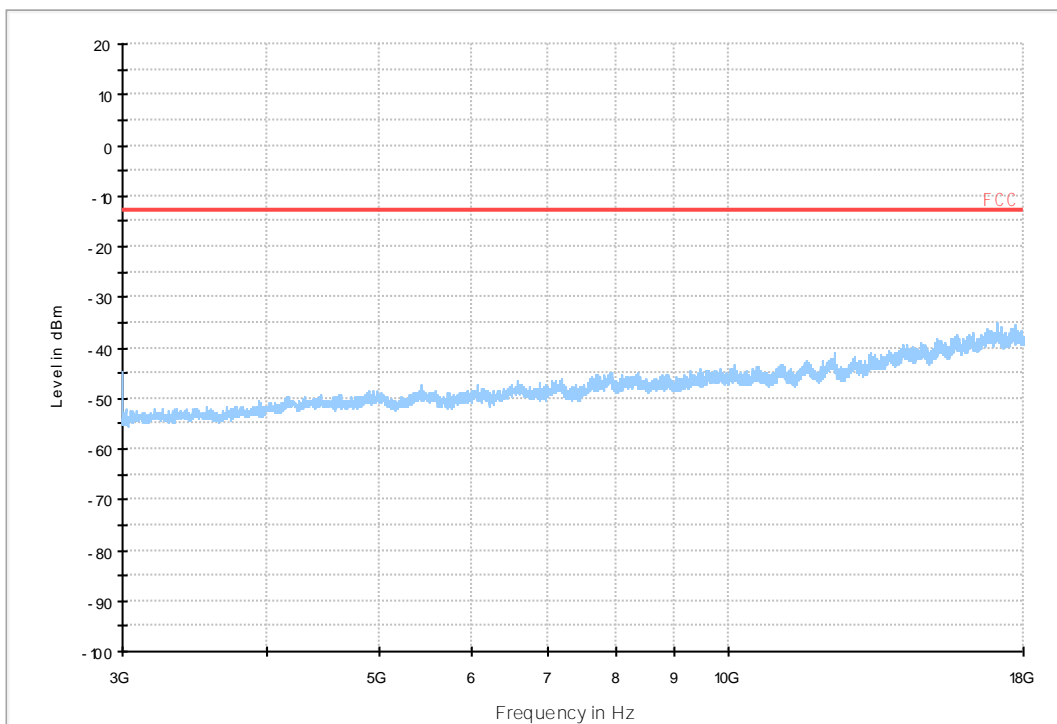


Site : 03CH01-SZ
Condition : -13DBM
: RBW:9.000KHz VBW:30.000KHz

LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



LTE FDD RSE-TX-DIRECTOR BELOW 1G_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
Band26 (824-849 MHz)	LTE/TM1	1.4	LCH	TN	VL	7.00951	0.00850	PASS
					VN	2.47478	0.00300	PASS
					VH	7.23839	0.00878	PASS
			MCH	TN	VL	-10.15663	-0.01214	PASS
					VN	2.86102	0.00342	PASS
					VH	-6.17981	-0.00739	PASS
			HCH	TN	VL	-12.98904	-0.01544	PASS
					VN	5.50747	0.00654	PASS
					VH	1.41621	0.00168	PASS
		3	LCH	TN	VL	-1.37329	-0.00166	PASS
					VN	13.57555	0.01645	PASS
					VH	5.93662	0.00719	PASS
			MCH	TN	VL	1.35899	0.00162	PASS
					VN	-0.38624	-0.00046	PASS
					VH	3.23296	0.00386	PASS
			HCH	TN	VL	3.11851	0.00368	PASS
					VN	-8.49724	-0.01003	PASS
					VH	-9.67026	-0.01141	PASS
		5	LCH	TN	VL	5.90801	0.00715	PASS
					VN	-4.99249	-0.00604	PASS
					VH	0.55790	0.00068	PASS
			MCH	TN	VL	2.67506	0.00320	PASS
					VN	5.70774	0.00682	PASS
					VH	-0.88692	-0.00106	PASS
			HCH	TN	VL	-3.57628	-0.00422	PASS
					VN	4.56333	0.00539	PASS
					VH	-3.53336	-0.00417	PASS
		10	LCH	TN	VL	2.08855	0.00252	PASS
					VN	0.40054	0.00048	PASS
					VH	3.01838	0.00364	PASS
			MCH	TN	VL	4.99249	0.00597	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	15	HCH	TN	VN	-1.44482	-0.00173	PASS
					VH	-0.60081	-0.00072	PASS
					VL	-1.08719	-0.00129	PASS
					VN	-3.14712	-0.00373	PASS
					VH	-2.27451	-0.00269	PASS
					VH	-2.27451	-0.00269	PASS
			LCH	TN	VL	-24.89090	-0.02993	PASS
					VN	-40.64083	-0.04888	PASS
					VH	-82.25441	-0.09892	PASS
					VL	-40.34042	-0.04823	PASS
					VN	-64.81647	-0.07749	PASS
					VH	-22.94540	-0.02743	PASS
		HCH	TN	VL	-17.86709	-0.02123	PASS	
				VN	-11.87325	-0.01411	PASS	
				VH	1.24455	0.00148	PASS	
				VH	1.24455	0.00148	PASS	
				VH	1.24455	0.00148	PASS	
				VH	1.24455	0.00148	PASS	
		1.4	LCH	TN	VL	-5.30720	-0.00644	PASS
					VN	-1.00136	-0.00121	PASS
					VH	-3.91960	-0.00475	PASS
					VH	-3.91960	-0.00475	PASS
					VH	-3.91960	-0.00475	PASS
					VH	-3.91960	-0.00475	PASS
			MCH	TN	VL	8.52585	0.01019	PASS
					VN	-4.66347	-0.00557	PASS
					VH	-21.52920	-0.02574	PASS
					VH	-21.52920	-0.02574	PASS
					VH	-21.52920	-0.02574	PASS
					VH	-21.52920	-0.02574	PASS
		HCH	TN	VL	3.11851	0.00368	PASS	
				VN	-8.49724	-0.01003	PASS	
				VH	-9.67026	-0.01141	PASS	
				VH	-9.67026	-0.01141	PASS	
				VH	-9.67026	-0.01141	PASS	
				VH	-9.67026	-0.01141	PASS	
		3	LCH	TN	VL	1.01566	0.00123	PASS
					VN	2.90394	0.00352	PASS
					VH	-2.93255	-0.00355	PASS
					VH	-2.93255	-0.00355	PASS
					VH	-2.93255	-0.00355	PASS
					VH	-2.93255	-0.00355	PASS
MCH	TN		VL	-0.90122	-0.00108	PASS		
			VN	3.63350	0.00434	PASS		
			VH	1.01566	0.00121	PASS		
			VH	1.01566	0.00121	PASS		
			VH	1.01566	0.00121	PASS		
			VH	1.01566	0.00121	PASS		
HCH	TN	VL	-5.19276	-0.00613	PASS			
		VN	-2.63214	-0.00311	PASS			
		VH	0.77248	0.00091	PASS			
		VH	0.77248	0.00091	PASS			
		VH	0.77248	0.00091	PASS			
		VH	0.77248	0.00091	PASS			
5	LCH	TN	VL	-6.99520	-0.00846	PASS		
			VN	8.94070	0.01082	PASS		
			VH	-3.64780	-0.00441	PASS		
			VH	-3.64780	-0.00441	PASS		
			VH	-3.64780	-0.00441	PASS		
			VH	-3.64780	-0.00441	PASS		
MCH	TN	VL	2.80380	0.00335	PASS			
		VN	7.05242	0.00843	PASS			
		VH	0.38624	0.00046	PASS			
		VH	0.38624	0.00046	PASS			
		VH	0.38624	0.00046	PASS			
		VH	0.38624	0.00046	PASS			

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		10	HCH	TN	VL	0.48637	0.00057	PASS
					VN	2.14577	0.00253	PASS
					VH	3.83377	0.00453	PASS
			LCH	TN	VL	0.14305	0.00017	PASS
					VN	1.04427	0.00126	PASS
					VH	0.50068	0.00060	PASS
			MCH	TN	VL	-0.04292	-0.00005	PASS
					VN	-2.18868	-0.00262	PASS
					VH	-0.34332	-0.00041	PASS
		HCH	TN	VL	-1.94550	-0.00231	PASS	
				VN	-2.64645	-0.00314	PASS	
				VH	-4.01974	-0.00476	PASS	
		15	LCH	TN	VL	0.51498	0.00062	PASS
					VN	-21.30032	-0.02562	PASS
					VH	-49.59583	-0.05965	PASS
			MCH	TN	VL	-19.88411	-0.02377	PASS
					VN	-50.36831	-0.06021	PASS
					VH	-9.97067	-0.01192	PASS
			HCH	TN	VL	-12.98904	-0.01544	PASS
					VN	5.50747	0.00654	PASS
					VH	1.41621	0.00168	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 (824-849 MHz)	LTE/TM1	1.4	LCH	VN	-30	-1.47343	-0.00179	PASS
					-20	4.39167	0.00533	PASS
					-10	7.76768	0.00942	PASS
					0	2.90394	0.00352	PASS
					10	-11.65867	-0.01414	PASS
					20	2.47478	0.00300	PASS
					30	-0.54359	-0.00066	PASS
					40	10.94341	0.01327	PASS
					50	-0.94414	-0.00114	PASS
			MCH	VN	-30	-7.71046	-0.00922	PASS
					-20	10.48565	0.01254	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-10	-4.19140	-0.00501	PASS		
					0	6.19412	0.00740	PASS		
					10	-27.17972	-0.03249	PASS		
					20	2.86102	0.00342	PASS		
					30	0.84400	0.00101	PASS		
					40	-11.55853	-0.01382	PASS		
			50	-3.16143	-0.00378	PASS				
			HCH	VN	-30	5.59330	0.00661	PASS		
					-20	-3.66211	-0.00433	PASS		
					-10	4.56333	0.00539	PASS		
					0	3.21865	0.00380	PASS		
					10	-0.04292	-0.00005	PASS		
					20	3.11851	0.00368	PASS		
			LCH	VN	30	-8.49724	-0.01003	PASS		
					40	-9.67026	-0.01141	PASS		
					50	-8.36849	-0.00987	PASS		
					-30	4.19140	0.00508	PASS		
					-20	0.07153	0.00009	PASS		
		-10			-6.42300	-0.00778	PASS			
		MCH	VN	0	-8.69751	-0.01054	PASS			
				10	13.76152	0.01667	PASS			
				20	13.57555	0.01645	PASS			
				30	-2.33173	-0.00282	PASS			
				40	0.60081	0.00073	PASS			
				50	6.62327	0.00802	PASS			
		HCH	VN	-30	-5.43594	-0.00650	PASS			
				-20	-1.23024	-0.00147	PASS			
				-10	1.37329	0.00164	PASS			
				0	2.58923	0.00310	PASS			
				10	6.06537	0.00725	PASS			
				20	-0.38624	-0.00046	PASS			
		3					30	-7.43866	-0.00889	PASS
							40	-8.41141	-0.01006	PASS
							50	-8.42571	-0.01007	PASS
							-30	-4.49181	-0.00530	PASS
							-20	0.88692	0.00105	PASS
-10	-0.65804						-0.00078	PASS		
					0	6.93798	0.00819	PASS		
					10	1.91688	0.00226	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					20	-8.49724	-0.01003	PASS		
					30	-0.42915	-0.00051	PASS		
					40	0.48637	0.00057	PASS		
					50	1.77383	0.00209	PASS		
		5	LCH	VN	-30	-7.45296	-0.00902	PASS		
					-20	5.20706	0.00630	PASS		
					-10	-5.12123	-0.00620	PASS		
					0	1.04427	0.00126	PASS		
					10	1.25885	0.00152	PASS		
					20	-4.99249	-0.00604	PASS		
					30	0.92983	0.00113	PASS		
					40	-5.47886	-0.00663	PASS		
					50	11.44409	0.01385	PASS		
					MCH	VN	-30	-3.89099	-0.00465	PASS
							-20	-0.35763	-0.00043	PASS
							-10	-15.76424	-0.01885	PASS
							0	-4.49181	-0.00537	PASS
							10	3.54767	0.00424	PASS
							20	5.70774	0.00682	PASS
							30	1.65939	0.00198	PASS
		40	-0.08583	-0.00010			PASS			
		HCH	VN	-30	2.84672	0.00336	PASS			
				-20	9.98497	0.01180	PASS			
				-10	-0.18597	-0.00022	PASS			
				0	5.59330	0.00661	PASS			
				10	-3.66211	-0.00433	PASS			
				20	4.56333	0.00539	PASS			
				30	3.21865	0.00380	PASS			
				40	-6.22272	-0.00735	PASS			
		10	LCH	VN	-30	1.51634	0.00183	PASS		
					-20	8.96931	0.01082	PASS		
					-10	2.68936	0.00324	PASS		
0	-1.02997				-0.00124	PASS				
10	-0.51498				-0.00062	PASS				
20	0.40054				0.00048	PASS				
30	-1.75953				-0.00212	PASS				
40	0.01431				0.00002	PASS				

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	VN	50	1.78814	0.00216	PASS
					-30	-0.12875	-0.00015	PASS
					-20	-0.34332	-0.00041	PASS
					-10	-7.65324	-0.00915	PASS
					0	3.33309	0.00398	PASS
					10	-0.82970	-0.00099	PASS
					20	-1.44482	-0.00173	PASS
					30	4.44889	0.00532	PASS
					40	-0.74387	-0.00089	PASS
					50	0.17166	0.00021	PASS
			HCH	VN	-30	-1.55926	-0.00185	PASS
					-20	-3.93391	-0.00466	PASS
					-10	9.72748	0.01153	PASS
					0	-0.38624	-0.00046	PASS
					10	-7.23839	-0.00858	PASS
					20	-3.14712	-0.00373	PASS
					30	-1.13010	-0.00134	PASS
					40	4.40597	0.00522	PASS
					50	-5.07832	-0.00602	PASS
					15	LCH	VN	-30
		-20	-77.07596	-0.09270				PASS
		-10	18.01014	0.02166				PASS
		0	-86.44581	-0.10396				PASS
		10	-154.52380	-0.18584				PASS
		20	-40.64083	-0.04888				PASS
		30	-101.70940	-0.12232				PASS
		40	63.90095	0.07685				PASS
		50	-45.67623	-0.05493				PASS
		MCH	VN	-30				-35.83431
				-20		51.44119	0.06150	PASS
				-10		-0.04292	-0.00005	PASS
				0		2.96116	0.00354	PASS
				10		-2.73228	-0.00327	PASS
				20		-64.81647	-0.07749	PASS
				30		7.42436	0.00888	PASS
				40		-12.66003	-0.01513	PASS
				50		13.90457	0.01662	PASS
				HCH		VN	-30	-16.62254
		-20	-10.27107				-0.01221	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	1.4	LCH	VN	-10	-24.63341	-0.02927	PASS
					0	-5.23567	-0.00622	PASS
					10	-37.99438	-0.04515	PASS
					20	-11.87325	-0.01411	PASS
					30	13.07487	0.01554	PASS
					40	-16.76559	-0.01992	PASS
					50	-18.75401	-0.02229	PASS
			MCH	VN	-30	8.59737	0.01042	PASS
					-20	-16.09325	-0.01951	PASS
					-10	1.61648	0.00196	PASS
					0	-2.04563	-0.00248	PASS
					10	-5.37872	-0.00652	PASS
					20	-1.00136	-0.00121	PASS
					30	5.16415	0.00626	PASS
	HCH	VN	-30	7.82490	0.00935	PASS		
			-20	-3.59058	-0.00429	PASS		
			-10	-5.99384	-0.00717	PASS		
			0	-13.08918	-0.01565	PASS		
			10	-2.40326	-0.00287	PASS		
			20	-4.66347	-0.00557	PASS		
			30	9.97067	0.01192	PASS		
	3	LCH	VN	-30	2.77519	0.00336	PASS	
				-20	-4.63486	-0.00561	PASS	
				-10	-0.58651	-0.00071	PASS	
				0	-1.73092	-0.00210	PASS	
				10	5.03540	0.00610	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	2.90394	0.00352	PASS
					30	-1.58787	-0.00192	PASS
					40	-10.90050	-0.01320	PASS
					50	-9.88483	-0.01197	PASS
			MCH	VN	-30	4.76360	0.00569	PASS
					-20	-2.70367	-0.00323	PASS
					-10	-2.43187	-0.00291	PASS
					0	3.56197	0.00426	PASS
					10	13.17501	0.01575	PASS
					20	3.63350	0.00434	PASS
					30	-7.79629	-0.00932	PASS
					40	-4.03404	-0.00482	PASS
			HCH	VN	50	0.67234	0.00080	PASS
					-30	3.64780	0.00430	PASS
					-20	-3.46184	-0.00408	PASS
					-10	0.80109	0.00095	PASS
					0	-0.07153	-0.00008	PASS
					10	3.03268	0.00358	PASS
					20	-2.63214	-0.00311	PASS
					30	9.08375	0.01072	PASS
			LCH	VN	40	-13.91888	-0.01642	PASS
					50	0.92983	0.00110	PASS
					-30	-6.53744	-0.00791	PASS
					-20	-21.55781	-0.02608	PASS
					-10	-2.30312	-0.00279	PASS
					0	-5.24998	-0.00635	PASS
					10	7.03812	0.00852	PASS
					20	8.94070	0.01082	PASS
			MCH	VN	30	-1.37329	-0.00166	PASS
					40	2.93255	0.00355	PASS
					50	-9.42707	-0.01141	PASS
					-30	5.20706	0.00622	PASS
-20	-7.61032	-0.00910			PASS			
-10	-7.48158	-0.00894			PASS			
0	0.85831	0.00103			PASS			
10	-1.70231	-0.00204			PASS			
					20	7.05242	0.00843	PASS
					30	0.44346	0.00053	PASS
					40	1.54495	0.00185	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
			HCH	VN	50	-3.08990	-0.00369	PASS		
					-30	2.47478	0.00292	PASS		
					-20	6.79493	0.00803	PASS		
					-10	-0.74387	-0.00088	PASS		
					0	3.97682	0.00470	PASS		
					10	2.94685	0.00348	PASS		
					20	2.14577	0.00253	PASS		
					30	-0.77248	-0.00091	PASS		
					40	4.17709	0.00493	PASS		
					50	1.23024	0.00145	PASS		
					LCH	VN	-30	0.15736	0.00019	PASS
							-20	4.07696	0.00492	PASS
							-10	-0.95844	-0.00116	PASS
							0	0.15736	0.00019	PASS
							10	1.65939	0.00200	PASS
							20	1.04427	0.00126	PASS
							30	0.22888	0.00028	PASS
							40	0.40054	0.00048	PASS
							50	-0.02861	-0.00003	PASS
										MCH
		-20	-1.01566	-0.00121	PASS					
		-10	-4.83513	-0.00578	PASS					
		0	0.41485	0.00050	PASS					
		10	-1.73092	-0.00207	PASS					
		20	-2.18868	-0.00262	PASS					
		30	-2.07424	-0.00248	PASS					
		40	0.60081	0.00072	PASS					
		50	1.85966	0.00222	PASS					
					HCH	VN				
							-20	6.78062	0.00803	PASS
							-10	-1.91688	-0.00227	PASS
							0	3.47614	0.00412	PASS
							10	-2.40326	-0.00285	PASS
							20	-2.64645	-0.00314	PASS
							30	-1.73092	-0.00205	PASS
							40	0.38624	0.00046	PASS
							50	-3.26157	-0.00386	PASS
									15	LCH
		-20	-19.99855	-0.02405	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-4.52042	-0.00544	PASS
					0	3.04699	0.00366	PASS
					10	-59.22318	-0.07122	PASS
					20	-21.30032	-0.02562	PASS
					30	64.95953	0.07812	PASS
					40	65.13119	0.07833	PASS
					50	34.07478	0.04098	PASS
			MCH	VN	-30	-2.67506	-0.00320	PASS
					-20	43.84518	43.84518	PASS
					-10	-15.53535	-0.01857	PASS
					0	-3.14712	-0.00376	PASS
					10	2.84672	0.00340	PASS
					20	-50.36831	-0.06021	PASS
					30	4.94957	0.00592	PASS
			HCH	VN	-30	-1.57356	-0.00187	PASS
					-20	-8.42571	-0.01001	PASS
					-10	-16.89434	-0.02008	PASS
					0	-16.33644	-0.01941	PASS
					10	-5.50747	-0.00654	PASS
					20	5.50747	0.00654	PASS
					30	-11.68728	-0.01389	PASS
					40	2.34604	0.00279	PASS
			50	-7.35283	-0.00874	PASS		

END