

6.2.1.1.2 Test Bandwidth = 10

6.2.1.1.2.1 Test Channel = LCH

6.2.1.1.2.1.1 Test RB = RB1#0







6.2.1.1.2.2 Test Channel = MCH

6.2.1.1.2.2.1 Test RB = RB1#0







6.2.1.1.2.3 Test Channel = HCH

6.2.1.1.2.3.1 Test RB = RB1#0







6.2.1.1.3 Test Bandwidth = 15

6.2.1.1.3.1 Test Channel = LCH

6.2.1.1.3.1.1 Test RB = RB1#0







6.2.1.1.3.2 Test Channel = MCH

6.2.1.1.3.2.1 Test RB = RB1#0







6.2.1.1.3.3 Test Channel = HCH

6.2.1.1.3.3.1 Test RB = RB1#0







6.2.1.1.4 Test Bandwidth = 20

6.2.1.1.4.1 Test Channel = LCH

6.2.1.1.4.1.1 Test RB = RB1#0







6.2.1.1.4.2 Test Channel = MCH

6.2.1.1.4.2.1 Test RB = RB1#0







6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0







6.2.1.2 Test Mode = LTE/TM2

6.2.1.2.1 Test Bandwidth = 5

6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 Test RB = RB1#0

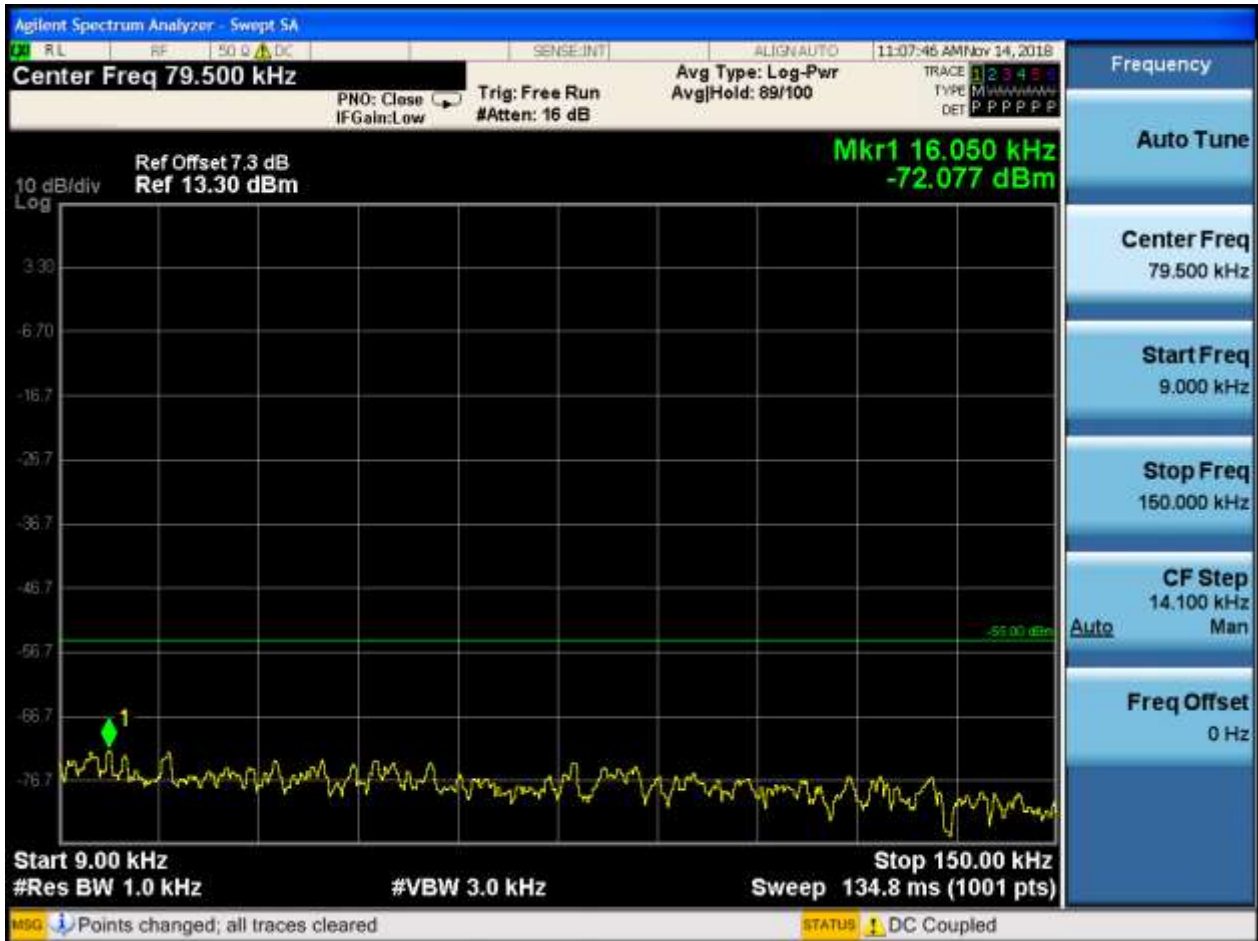






6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0

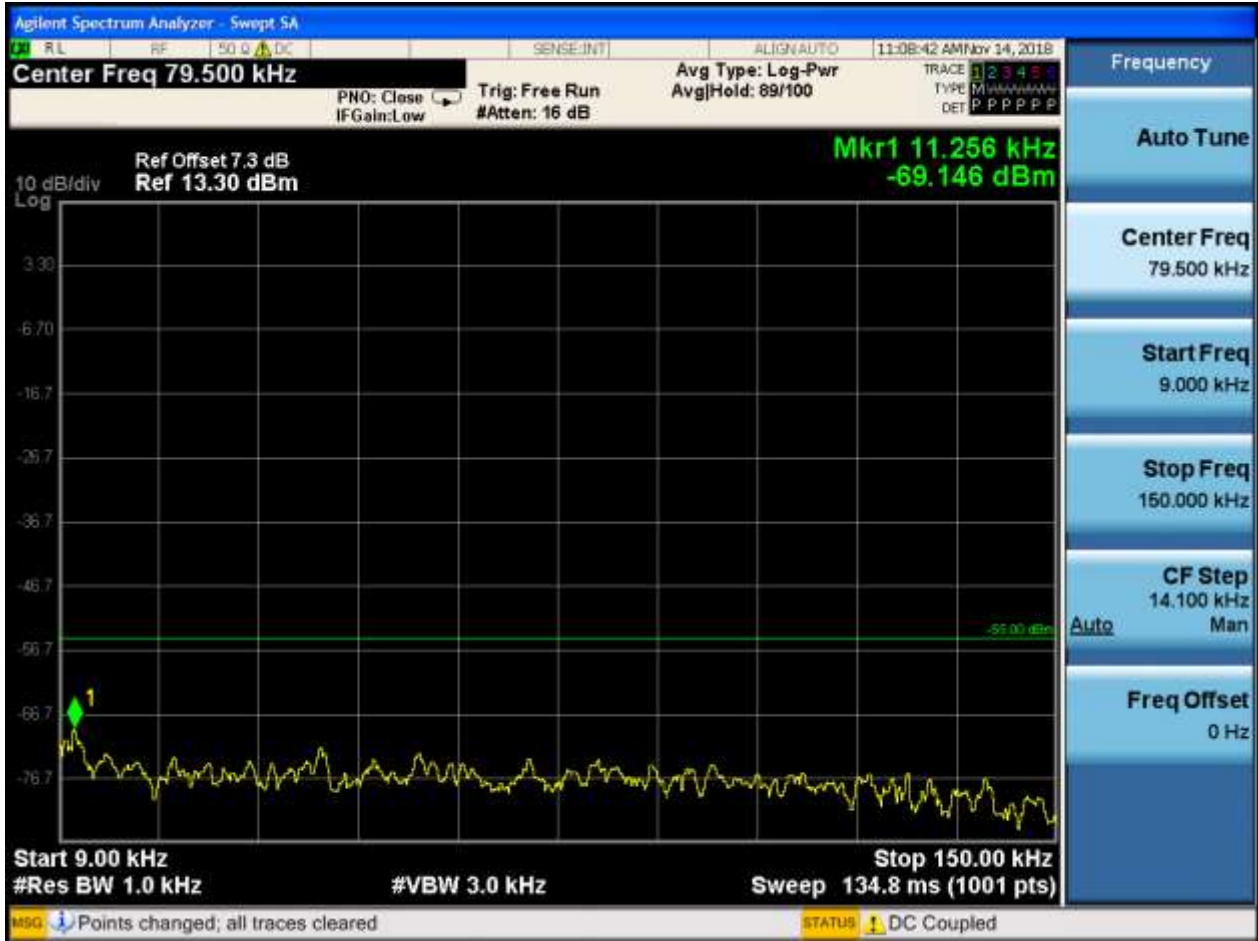


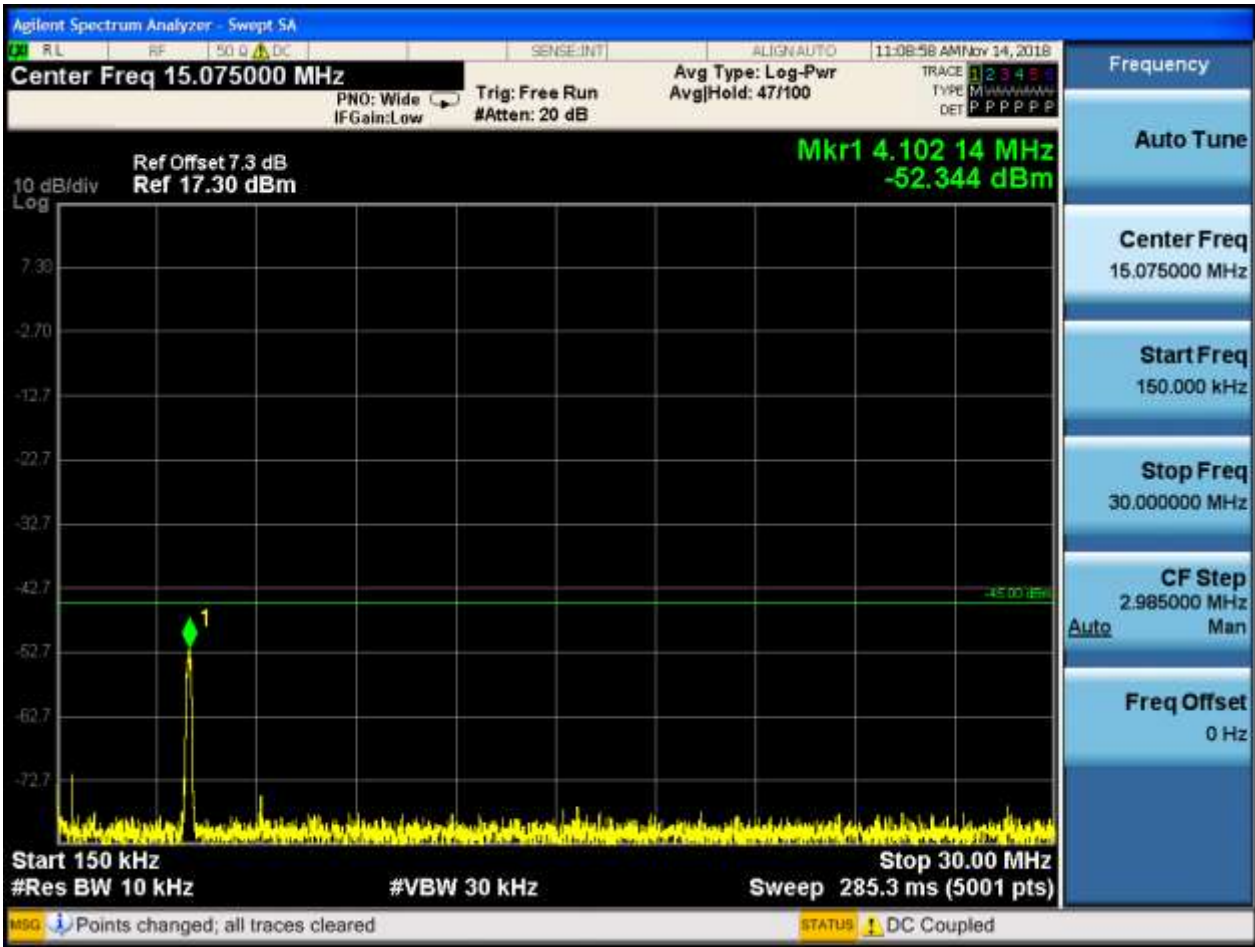




6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0







6.2.1.2.2 Test Bandwidth = 10

6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0







6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.2.1 Test RB = RB1#0

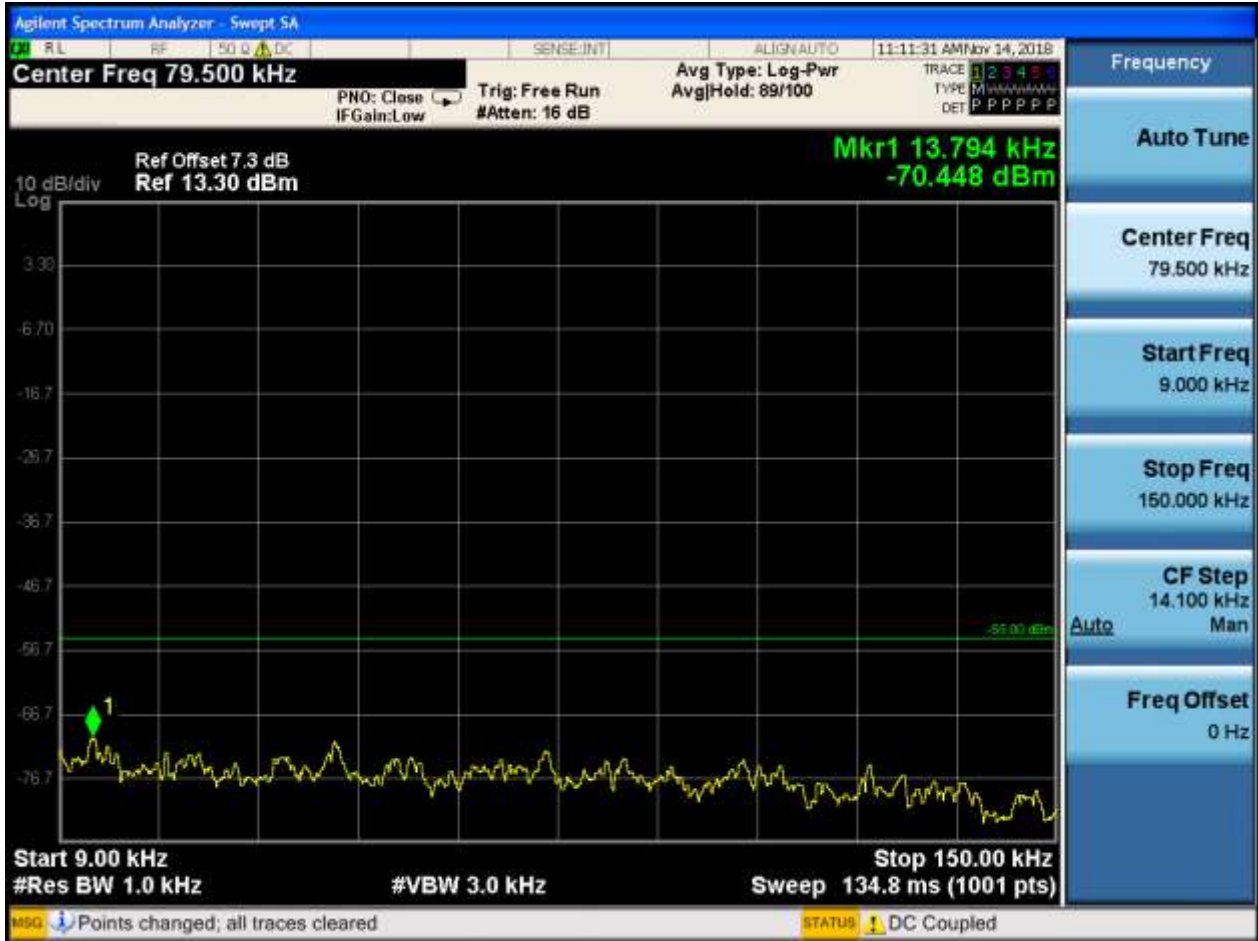






6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0







6.2.1.2.3 Test Bandwidth = 15

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0







6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0

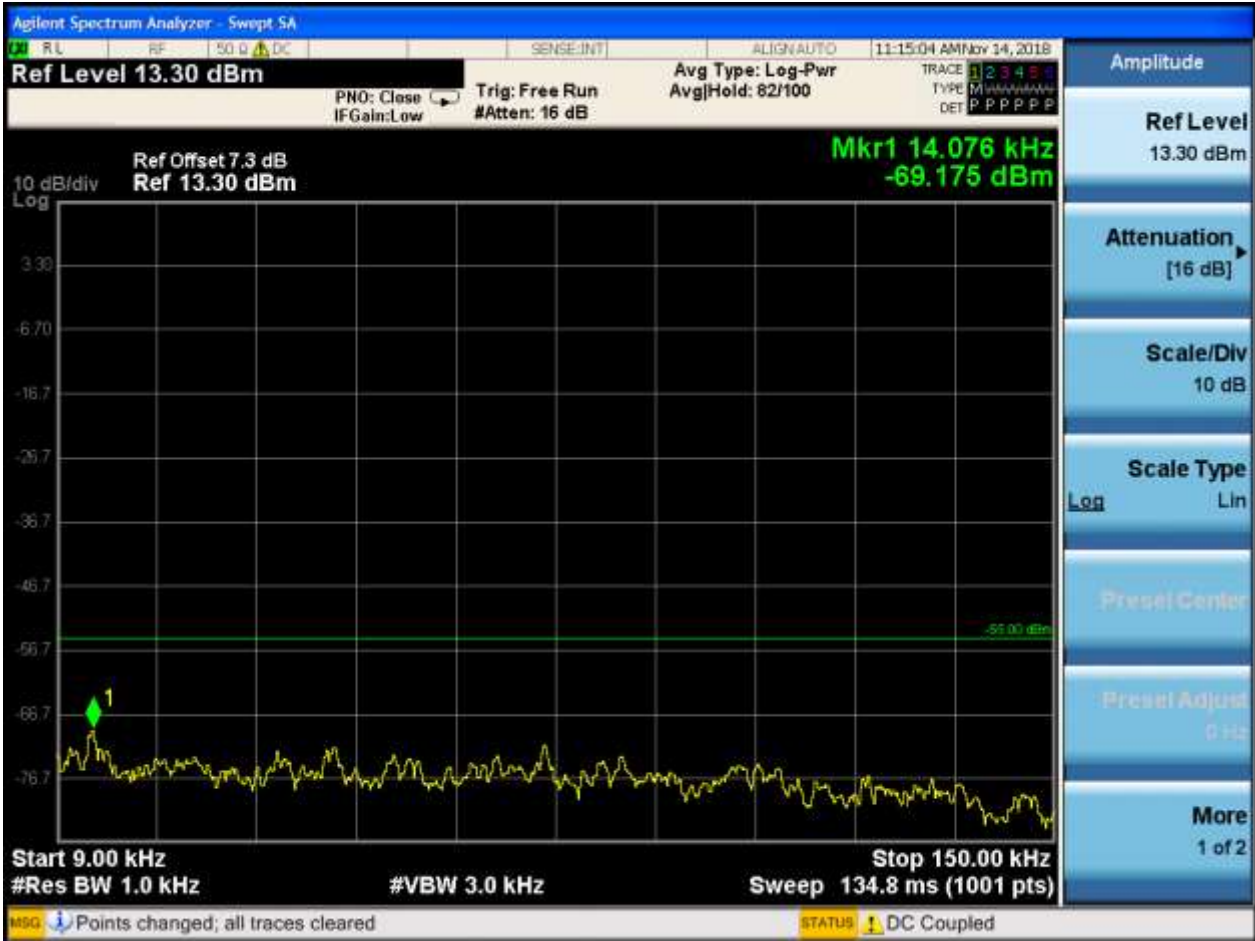


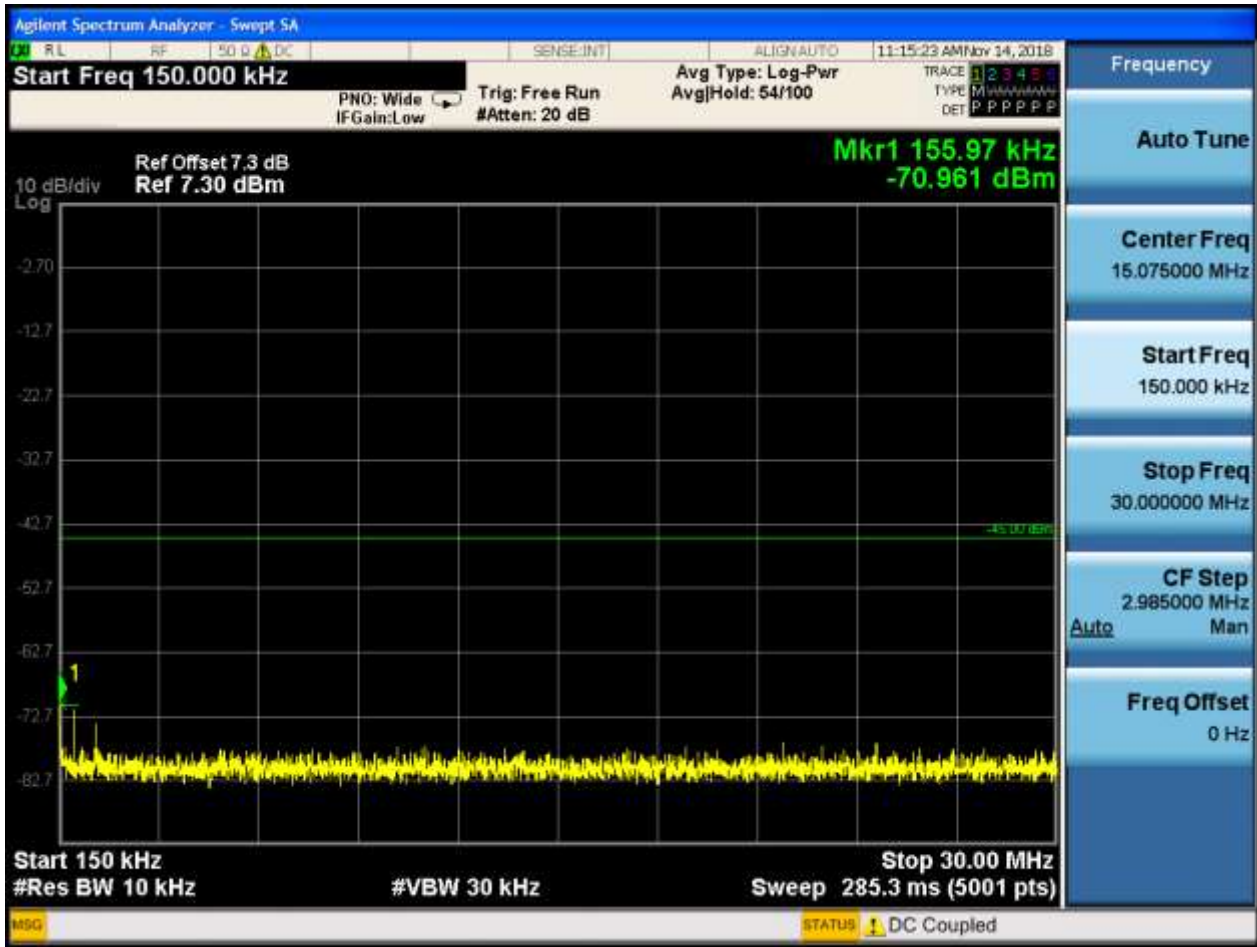




6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0



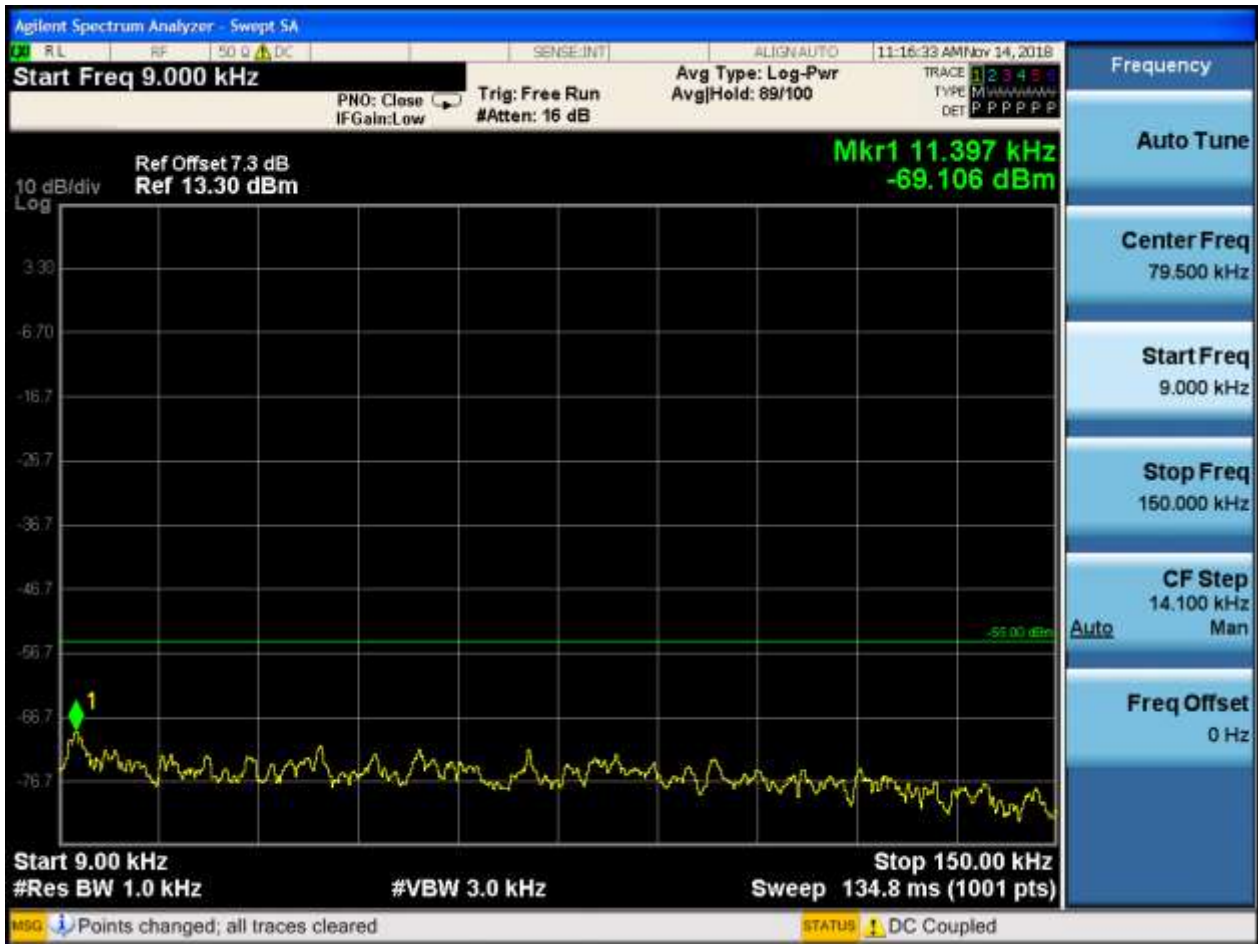


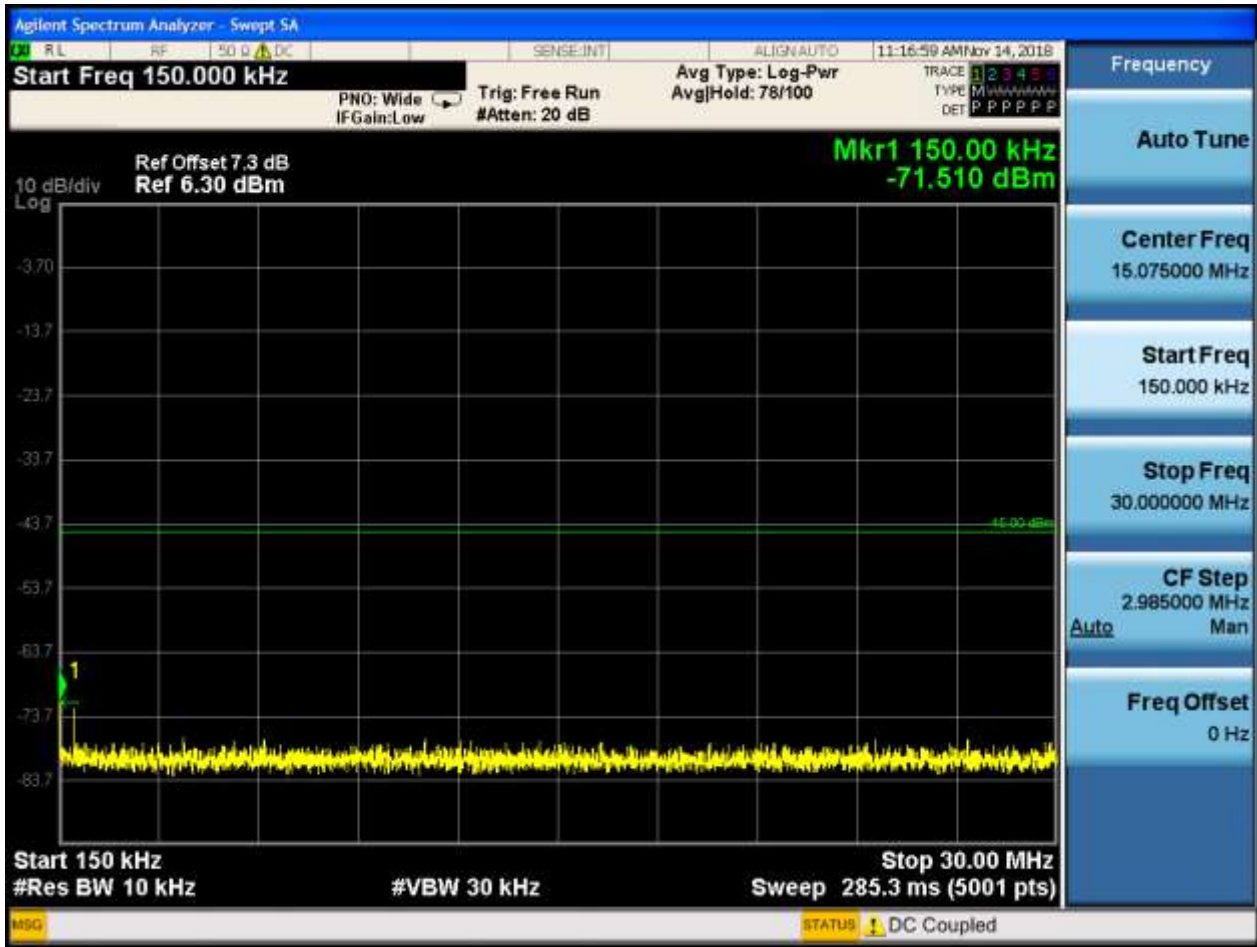


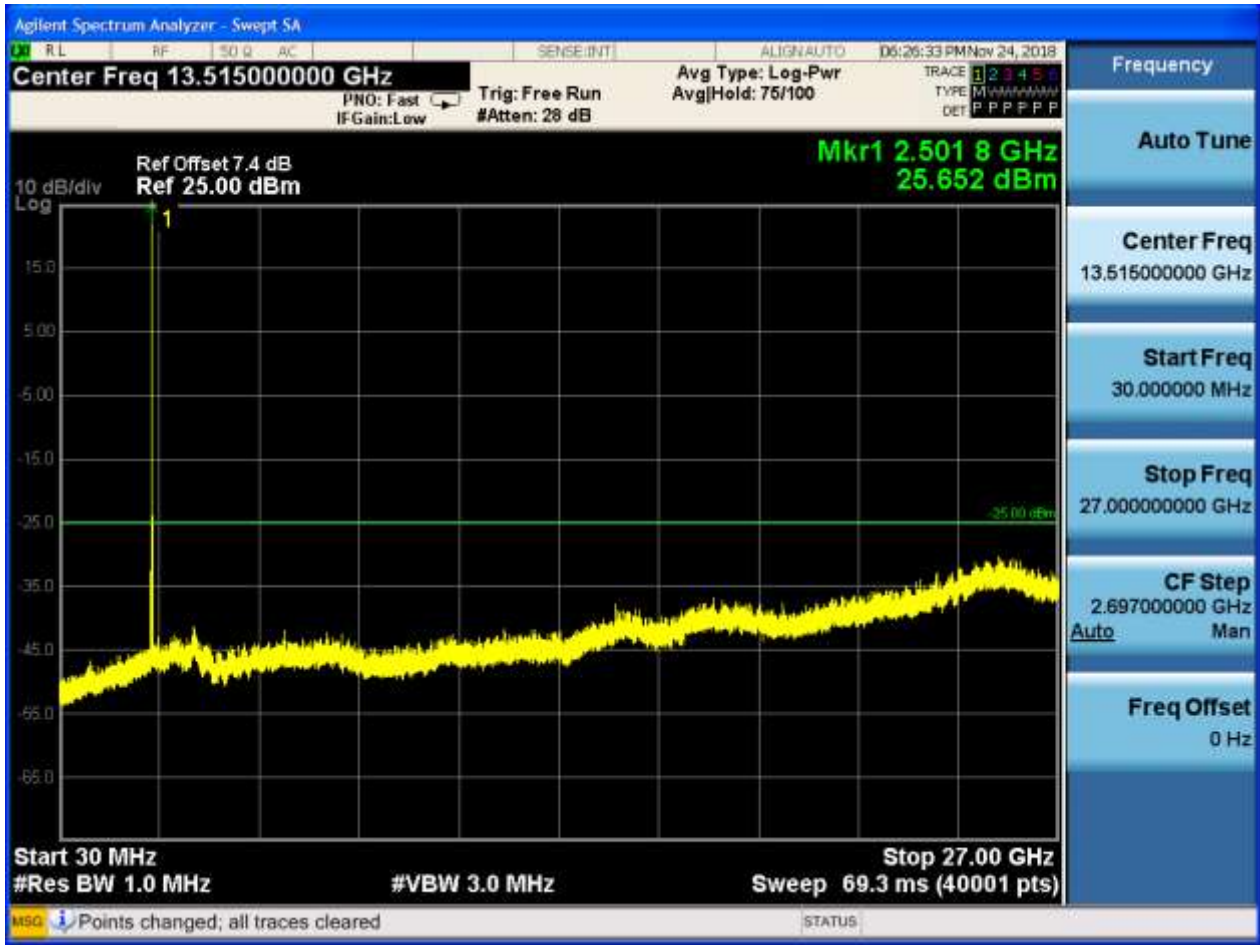
6.2.1.2.4 Test Bandwidth = 20

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0



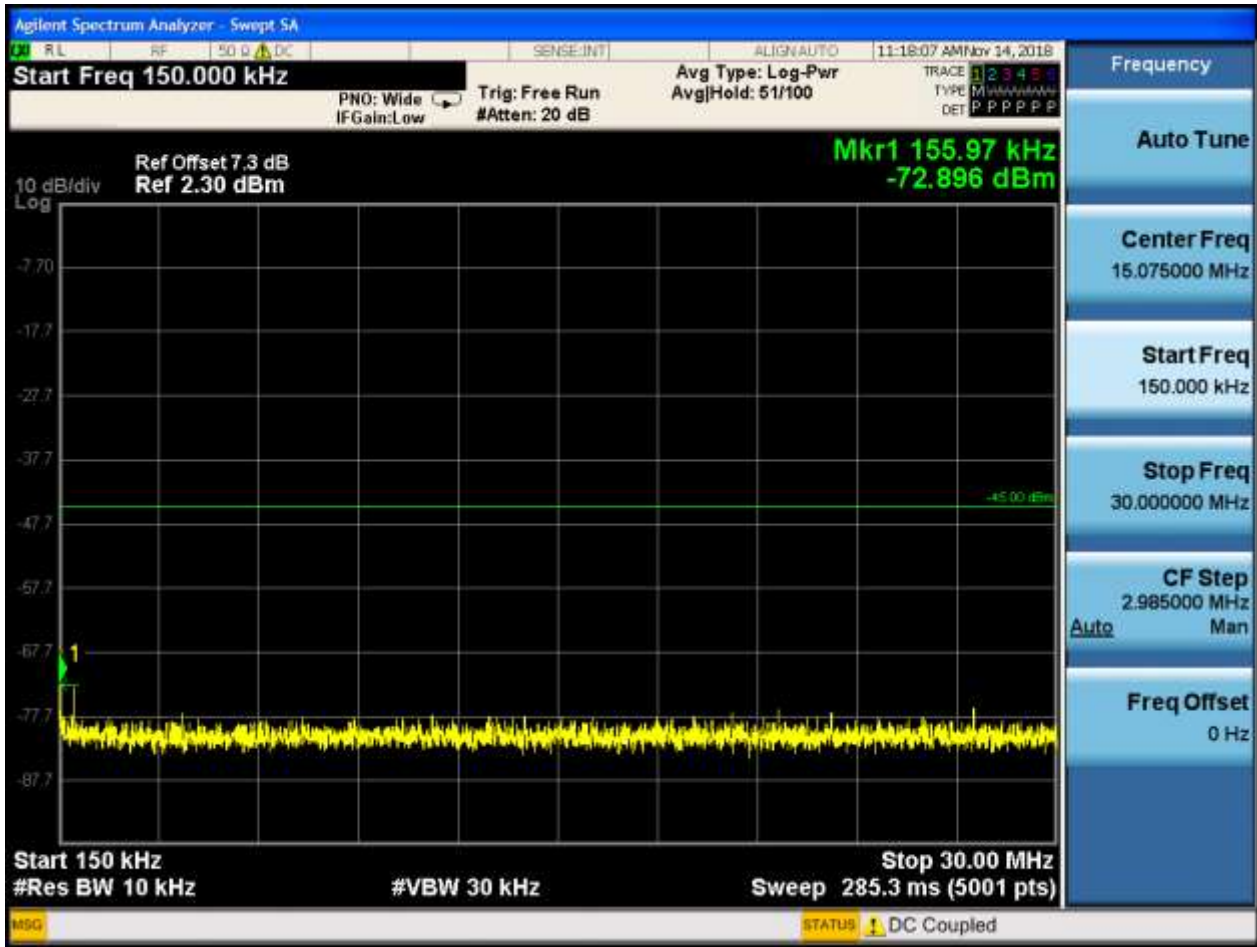




6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0



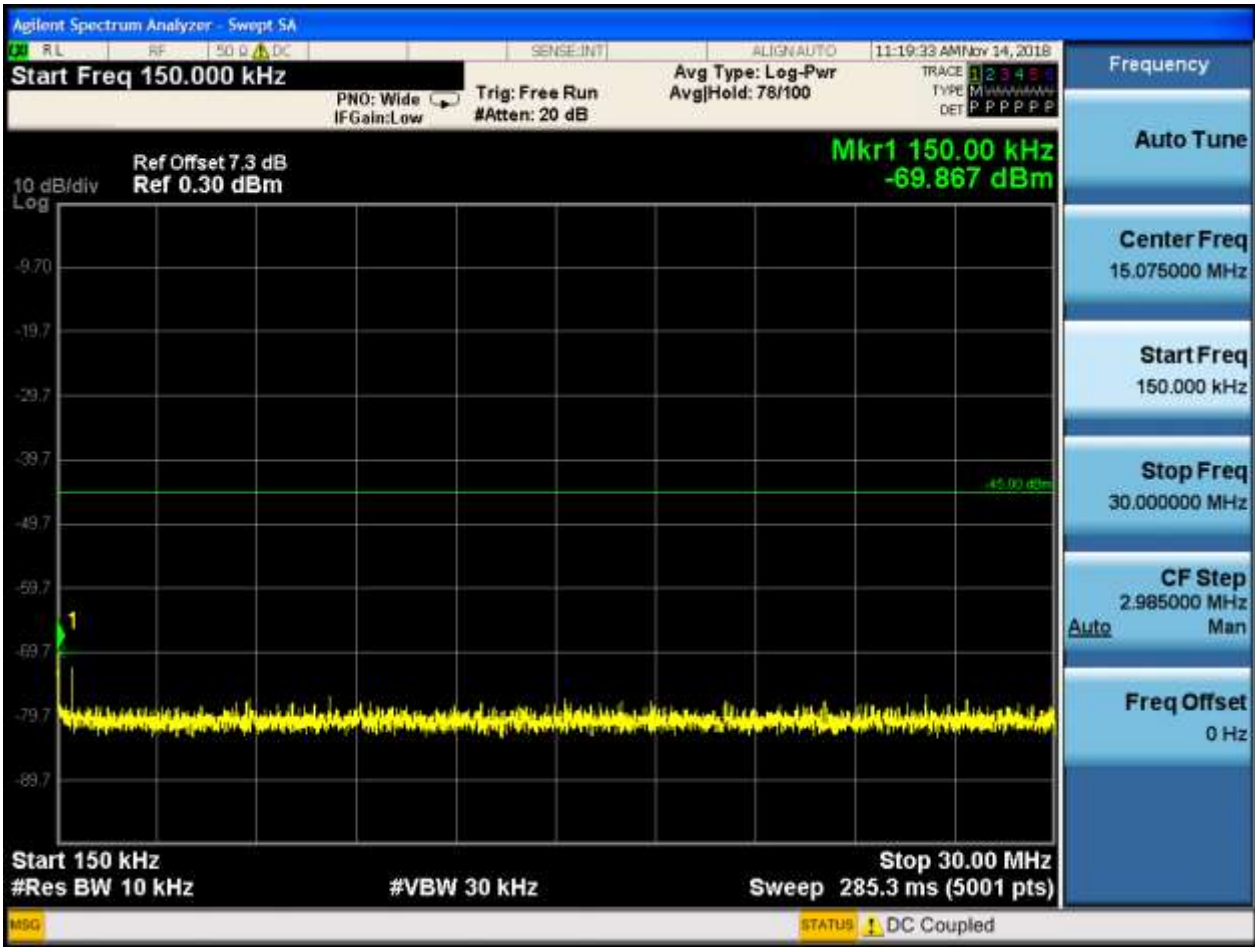




6.2.1.2.4.3 Test Channel = HCH

6.2.1.2.4.3.1 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

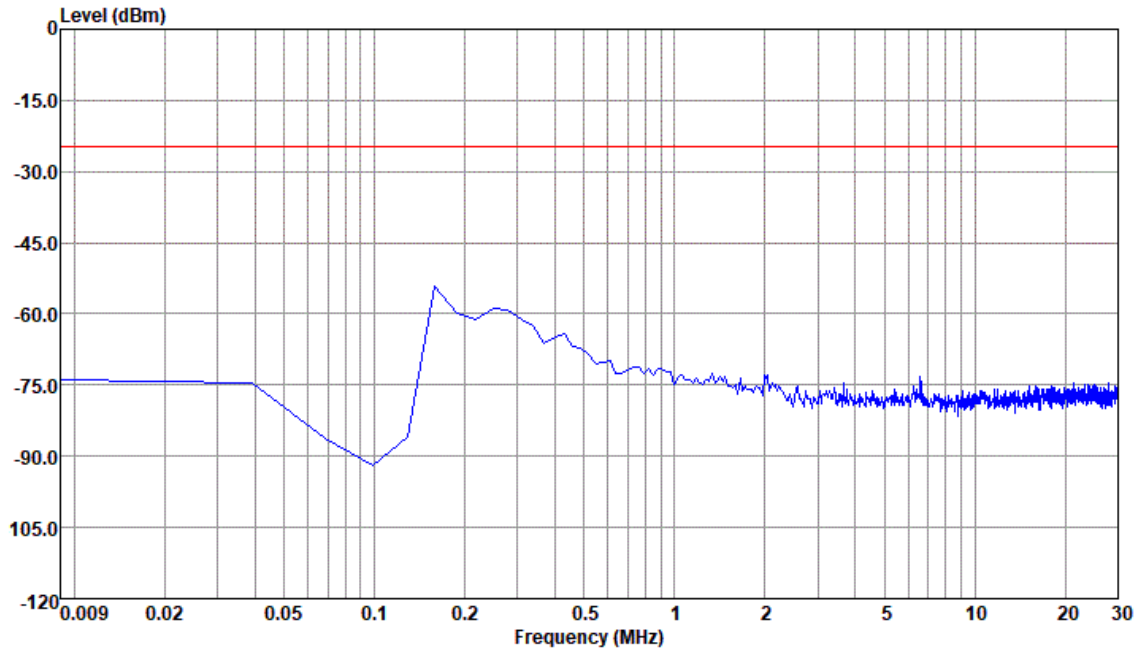
7.1 For LTE

7.1.1 Test Band = BAND7

7.1.1.1 Test Bandwidth = 5

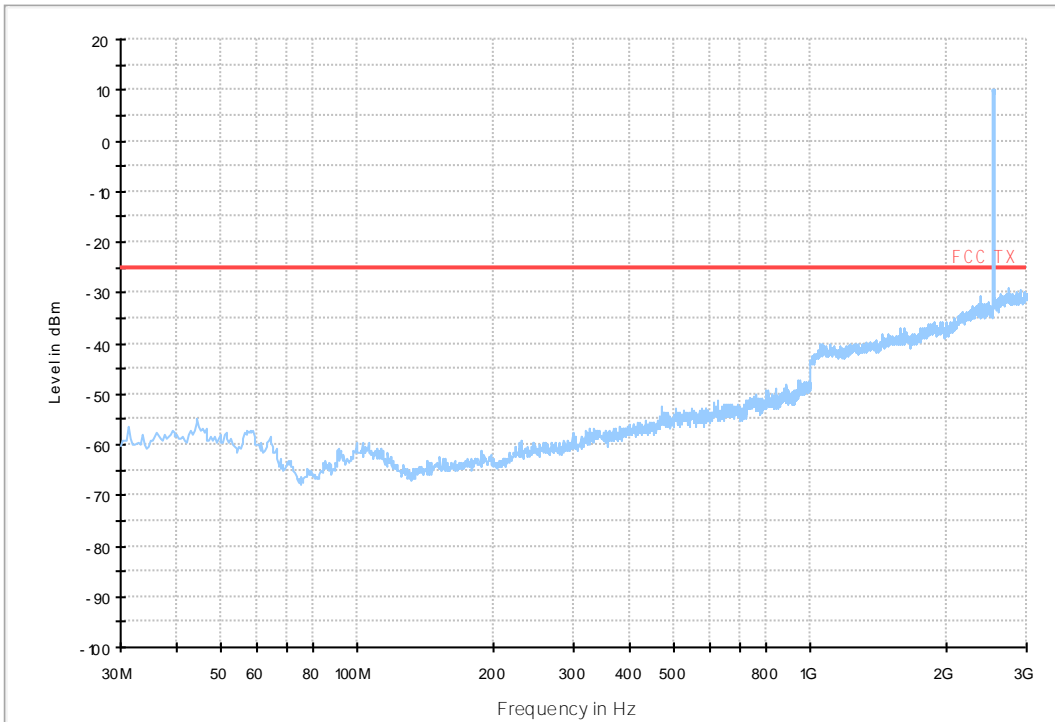


Data: 100

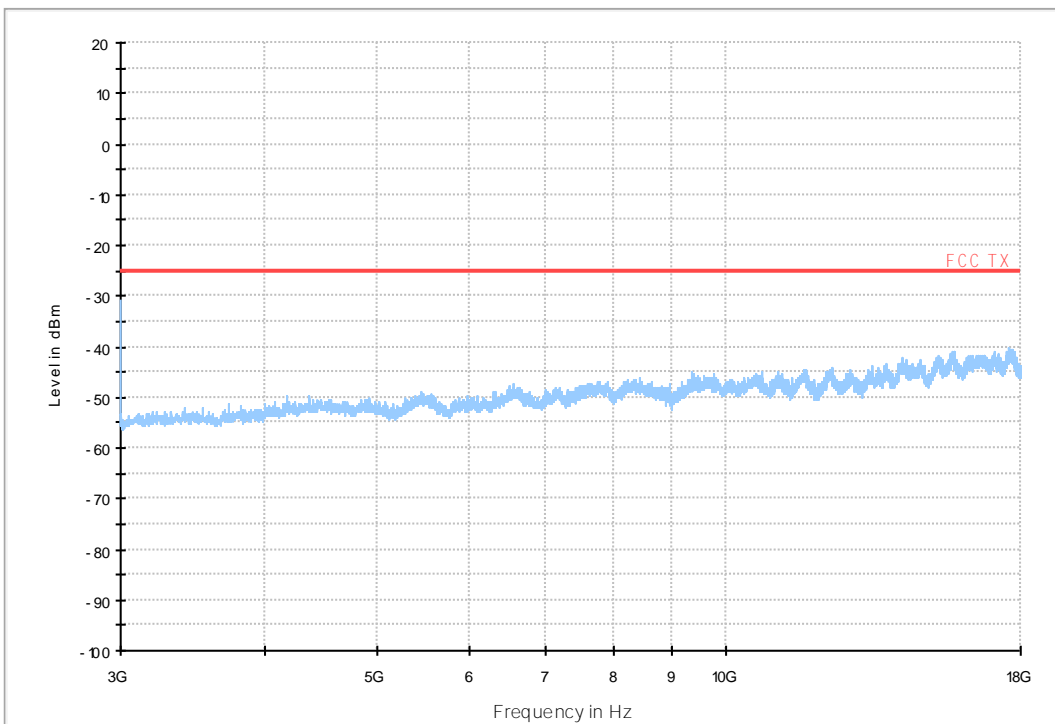


Site : 03CH01-SZ
Condition : -25DBM 9K-30M AMP NEUTRAL
: RBW:0.200KHz VBW:0.600KHz
: DUB-LX1#6 LTE

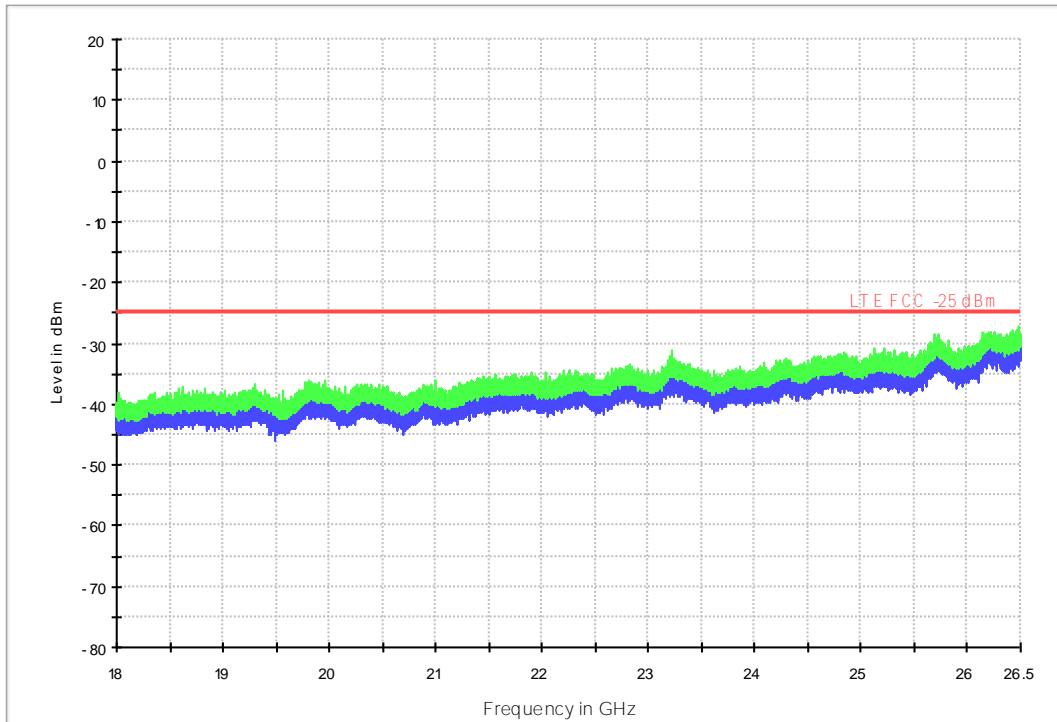
LTE Band 7 RSE-TX-DIRECTOR ABOVE 1.5G_L -25dBm limit



LTE FDD Band 7 RSE-TX-DIRECTOR ABOVE 1.5G_H -25dBm limit



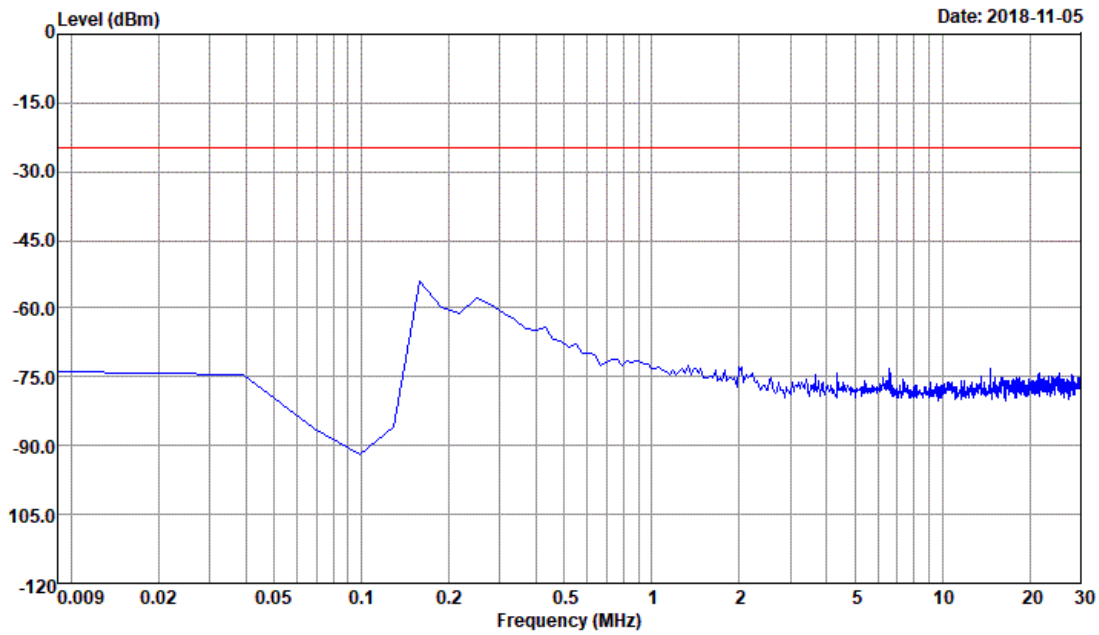
18G~26.5G RSE-TX-DIRECT OR ABOVE 1.5G PK



7.1.1.2 Test Bandwidth = 20

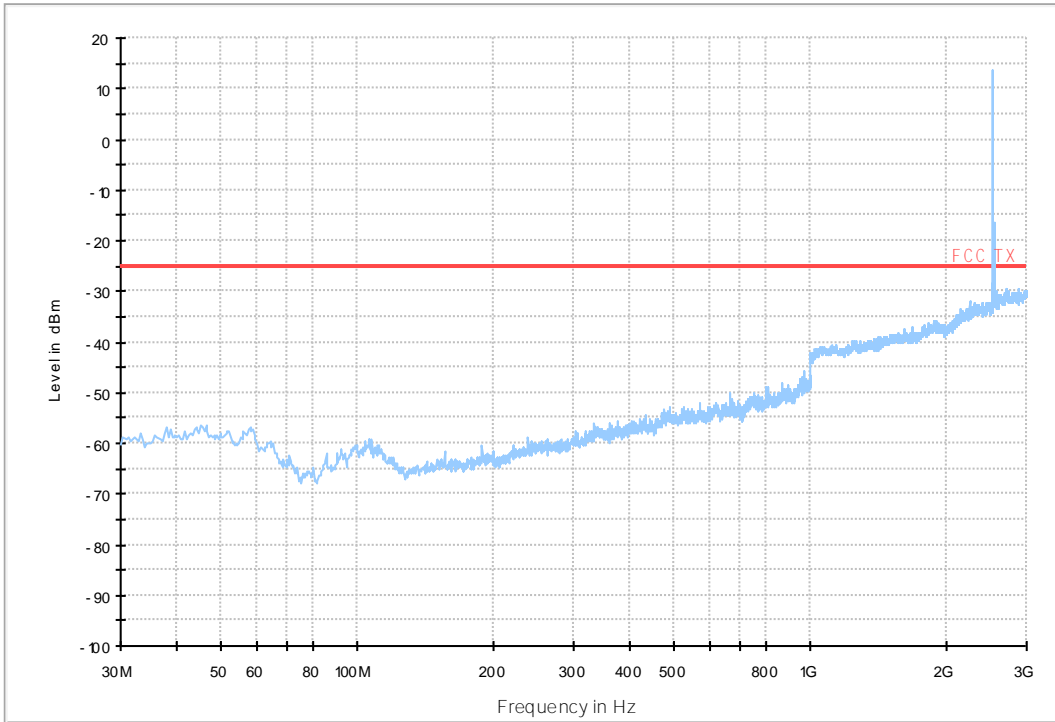


Data: 102

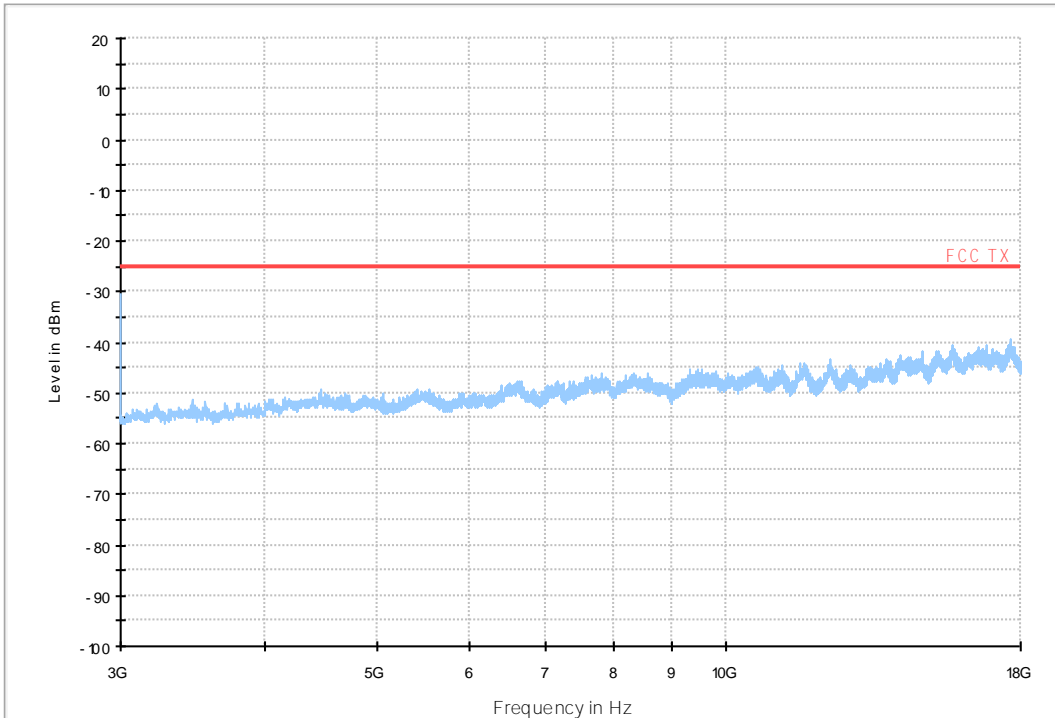


Site : 03CH01-SZ
Condition : -25DBM 9K-30M AMP NEUTRAL
: RBW:0.200KHz VBW:0.600KHz
: DUB-LX1#6 LTE

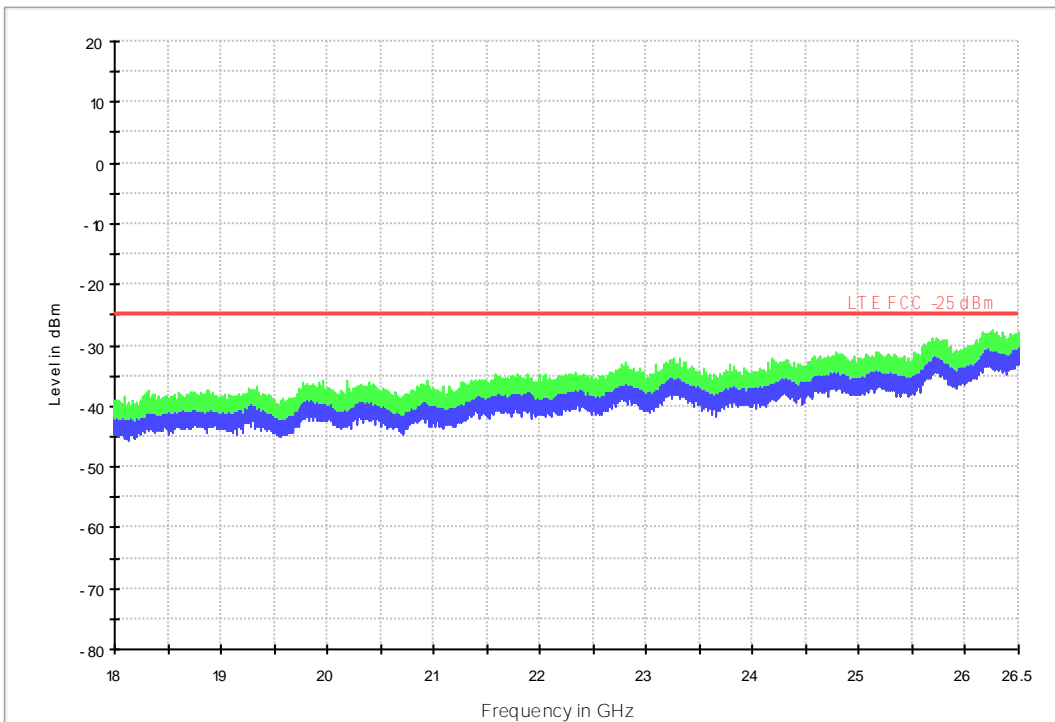
LTE Band 7 RSE-TX-DIRECTOR ABOVE 1.5G_L -25dBm limit



LTE FDD Band 7 RSE-TX-DIRECTOR ABOVE 1.5G_H -25dBm limit



18G-26.5G RSE-TX-DIRECT OR ABOVE 1.5G PK



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
BAND7	LTE/TM1	5	LCH	TN	VL	1.34	0.00054	PASS
					VN	1.04	0.00042	PASS
					VH	2.49	0.001	PASS
			MCH	TN	VL	-3.53	-0.00139	PASS
					VN	-4.31	-0.0017	PASS
					VH	-3.02	-0.00119	PASS
			HCH	TN	VL	-0.03	-0.00001	PASS
					VN	1.04	0.00041	PASS
					VH	2.56	0.001	PASS
		10	LCH	TN	VL	-2.1	-0.00084	PASS
					VN	-1.24	-0.0005	PASS
					VH	-1.62	-0.00065	PASS
			MCH	TN	VL	-3.82	-0.00151	PASS
					VN	-3.98	-0.00157	PASS
					VH	-3.4	-0.00134	PASS
			HCH	TN	VL	-8.54	-0.00333	PASS
					VN	-8.94	-0.00349	PASS
					VH	-8.64	-0.00337	PASS
		15	LCH	TN	VL	0.66	0.00026	PASS
					VN	-0.29	-0.00012	PASS
					VH	0.8	0.00032	PASS
			MCH	TN	VL	-2.52	-0.00099	PASS
					VN	-1.9	-0.00075	PASS
					VH	-3.05	-0.0012	PASS
			HCH	TN	VL	2.36	0.00092	PASS
					VN	2.59	0.00101	PASS
					VH	1.23	0.00048	PASS
20	LCH	TN	VL	0.82	0.00033	PASS		
			VN	1.82	0.00073	PASS		
			VH	3.95	0.00157	PASS		

LTE/TM2	5	MCH	TN	VL	-2.78	-0.0011	PASS
				VN	-3.49	-0.00138	PASS
				VH	-3.53	-0.00139	PASS
		HCH	TN	VL	1.04	0.00041	PASS
				VN	0.92	0.00036	PASS
				VH	0.43	0.00017	PASS
	10	LCH	TN	VL	0.62	0.00025	PASS
				VN	1.44	0.00058	PASS
				VH	0.31	0.00012	PASS
		MCH	TN	VL	-2.99	-0.00118	PASS
				VN	-2.73	-0.00108	PASS
				VH	-0.73	-0.00029	PASS
		HCH	TN	VL	-0.16	-0.00006	PASS
				VN	-0.43	-0.00017	PASS
				VH	1.16	0.00045	PASS
	15	LCH	TN	VL	-3.09	-0.00123	PASS
				VN	-3.65	-0.00146	PASS
				VH	-1.37	-0.00055	PASS
		MCH	TN	VL	-2.46	-0.00097	PASS
				VN	-3.65	-0.00144	PASS
				VH	-3.02	-0.00119	PASS
		HCH	TN	VL	-10.57	-0.00412	PASS
				VN	-8.93	-0.00348	PASS
				VH	-9.84	-0.00384	PASS
	20	LCH	TN	VL	0.41	0.00016	PASS
				VN	0.09	0.00004	PASS
				VH	1.2	0.00048	PASS
		MCH	TN	VL	-4.38	-0.00173	PASS
				VN	-4.33	-0.00171	PASS
				VH	-4.36	-0.00172	PASS
		HCH	TN	VL	1.73	0.00068	PASS
				VN	2.33	0.00091	PASS
				VH	2.6	0.00101	PASS
	20	LCH	TN	VL	1.1	0.00044	PASS
				VN	2.39	0.00095	PASS
				VH	1.22	0.00049	PASS
		MCH	TN	VL	-3.23	-0.00127	PASS
				VN	-2.62	-0.00103	PASS
				VH	-4.08	-0.00161	PASS
	HCH	TN	VL	-0.47	-0.00018	PASS	
			VN	1.39	0.00054	PASS	

					VH	0.67	0.00026	PASS
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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	1.09	0.00044	PASS
					-20	1.96	0.00078	PASS
					-10	0.89	0.00036	PASS
					0	1.67	0.00067	PASS
					10	0.64	0.00026	PASS
					20	0.07	0.00003	PASS
					30	2.32	0.00093	PASS
					40	0.87	0.00035	PASS
			50	2.32	0.00093	PASS		
			MCH	VN	-30	-3.86	-0.00152	PASS
					-20	-2.56	-0.00101	PASS
					-10	-4.48	-0.00177	PASS
					0	-2.59	-0.00102	PASS
					10	-1.06	-0.00042	PASS
					20	-2.55	-0.00101	PASS
					30	-2.39	-0.00094	PASS
		40			-2.05	-0.00081	PASS	
		50	-2.53	-0.001	PASS			
		HCH	VN	-30	-3.33	-0.0013	PASS	
				-20	-2.12	-0.00083	PASS	
				-10	-1.22	-0.00048	PASS	
				0	-1.82	-0.00071	PASS	
				10	-1.07	-0.00042	PASS	
				20	-4.52	-0.00176	PASS	
				30	-3.59	-0.0014	PASS	
				40	-2.33	-0.00091	PASS	
		50	-3.71	-0.00144	PASS			
		10	LCH	VN	-30	-2.68	-0.00107	PASS
					-20	-2.9	-0.00116	PASS
					-10	-3.35	-0.00134	PASS
					0	-2.42	-0.00097	PASS
					10	-0.96	-0.00038	PASS
20	-2.8				-0.00112	PASS		
30	-2.37				-0.00095	PASS		
40	-1.89				-0.00075	PASS		

				50	-2.06	-0.00082	PASS		
			MCH	VN	-30	-4.22	-0.00166	PASS	
					-20	-3.73	-0.00147	PASS	
					-10	-2.9	-0.00114	PASS	
					0	-3.43	-0.00135	PASS	
					10	-2.76	-0.00109	PASS	
					20	-3.36	-0.00133	PASS	
					30	-2.4	-0.00095	PASS	
					40	-3.63	-0.00143	PASS	
					50	-3.63	-0.00143	PASS	
			HCH	VN	-30	-1.85	-0.00072	PASS	
					-20	-3.46	-0.00135	PASS	
					-10	-3.2	-0.00125	PASS	
					0	-3.75	-0.00146	PASS	
					10	-5.21	-0.00203	PASS	
					20	-3.1	-0.00121	PASS	
					30	-2.8	-0.00109	PASS	
					40	-2.76	-0.00108	PASS	
			50	-2.09	-0.00081	PASS			
		15	LCH	VN	-30	-0.64	-0.00026	PASS	
						-20	-0.74	-0.0003	PASS
						-10	-0.24	-0.0001	PASS
						0	0.11	0.00004	PASS
						10	-0.46	-0.00018	PASS
						20	0.76	0.0003	PASS
						30	0.64	0.00026	PASS
						40	-0.47	-0.00019	PASS
						50	0.9	0.00036	PASS
				MCH	VN	-30	-3.25	-0.00128	PASS
						-20	-3.69	-0.00146	PASS
						-10	-2.56	-0.00101	PASS
						0	-2.37	-0.00093	PASS
						10	-3.39	-0.00134	PASS
						20	-2.96	-0.00117	PASS
						30	-2.1	-0.00083	PASS
						40	-3.58	-0.00141	PASS
				50	-3.38	-0.00133	PASS		
			HCH	VN	-30	1.16	0.00045	PASS	
					-20	1.69	0.00066	PASS	
					-10	1.26	0.00049	PASS	
					0	0.53	0.00021	PASS	

		20	LCH	VN	10	0.26	0.0001	PASS
					20	2.62	0.00102	PASS
					30	2.46	0.00096	PASS
					40	1.83	0.00071	PASS
					50	2.6	0.00101	PASS
					-30	0.86	0.00034	PASS
					-20	1.03	0.00041	PASS
					-10	1.37	0.00055	PASS
					0	0.77	0.00031	PASS
					10	1.63	0.00065	PASS
			20	1.86	0.00074	PASS		
			30	1.32	0.00053	PASS		
			40	2.7	0.00108	PASS		
			50	0.86	0.00034	PASS		
			MCH	VN	-30	-3.65	-0.00144	PASS
					-20	-3.86	-0.00152	PASS
					-10	-4.33	-0.00171	PASS
					0	-3.43	-0.00135	PASS
					10	-3.99	-0.00157	PASS
					20	-1.75	-0.00069	PASS
	30	-3.92			-0.00155	PASS		
	40	-3.45			-0.00136	PASS		
	50	-3.25			-0.00128	PASS		
	HCH	VN			-30	2.46	0.00096	PASS
			-20	0.49	0.00019	PASS		
			-10	1.02	0.0004	PASS		
			0	0.59	0.00023	PASS		
			10	-0.3	-0.00012	PASS		
			20	1.13	0.00044	PASS		
			30	1.12	0.00044	PASS		
			40	1.75	0.00068	PASS		
	50	0.19	0.00007	PASS				
	LTE/TM2	5	LCH	VN	-30	2.76	0.0011	PASS
					-20	2.73	0.00109	PASS
					-10	3.65	0.00146	PASS
0					1.4	0.00056	PASS	
10					1.47	0.00059	PASS	
20					3.52	0.00141	PASS	
30					0.29	0.00012	PASS	
40					2.37	0.00095	PASS	
50					1.43	0.00057	PASS	

			MCH	VN	-30	-1.47	-0.00058	PASS	
					-20	-2.27	-0.0009	PASS	
					-10	-5.45	-0.00215	PASS	
					0	-4.98	-0.00196	PASS	
					10	-2.65	-0.00105	PASS	
					20	-4.35	-0.00172	PASS	
					30	-5.44	-0.00215	PASS	
					40	-3.23	-0.00127	PASS	
					50	-3.46	-0.00136	PASS	
			HCH	VN	-30	-1.3	-0.00051	PASS	
					-20	-0.97	-0.00038	PASS	
					-10	1.06	0.00041	PASS	
					0	0.24	0.00009	PASS	
					10	-2.07	-0.00081	PASS	
					20	1.49	0.00058	PASS	
					30	0.2	0.00008	PASS	
					40	-0.33	-0.00013	PASS	
					50	-0.96	-0.00037	PASS	
			10	LCH	VN	-30	-1.27	-0.00051	PASS
						-20	-2.79	-0.00111	PASS
						-10	-4.25	-0.0017	PASS
						0	-3.65	-0.00146	PASS
						10	-3.39	-0.00135	PASS
						20	-2.47	-0.00099	PASS
						30	-3.95	-0.00158	PASS
						40	-1.42	-0.00057	PASS
						50	-2.17	-0.00087	PASS
				MCH	VN	-30	-2.5	-0.00099	PASS
						-20	-2.2	-0.00087	PASS
						-10	-4.13	-0.00163	PASS
						0	-4.05	-0.0016	PASS
						10	-3.53	-0.00139	PASS
						20	-2.72	-0.00107	PASS
						30	-2.09	-0.00082	PASS
						40	-4.99	-0.00197	PASS
						50	-2.85	-0.00112	PASS
			HCH	VN	-30	-8.61	-0.00336	PASS	
					-20	-7.87	-0.00307	PASS	
					-10	-10.17	-0.00396	PASS	
					0	-8.03	-0.00313	PASS	
					10	-9.67	-0.00377	PASS	

				20	-8.47	-0.0033	PASS				
				30	-6.81	-0.00265	PASS				
				40	-7.71	-0.00301	PASS				
				50	-6.18	-0.00241	PASS				
		15	LCH	VN	-30	-0.87	-0.00035	PASS			
					-20	0.59	0.00024	PASS			
					-10	1.34	0.00053	PASS			
					0	-0.31	-0.00012	PASS			
					10	0.49	0.0002	PASS			
				MCH	VN	-30	-3.48	-0.00137	PASS		
							-20	-2.63	-0.00104	PASS	
							-10	-5.52	-0.00218	PASS	
							0	-4.35	-0.00172	PASS	
							10	-5.26	-0.00207	PASS	
							20	-3.6	-0.00142	PASS	
							30	-3.79	-0.0015	PASS	
							40	-4.51	-0.00178	PASS	
							50	-4.05	-0.0016	PASS	
			HCH	VN	-30	1.67	0.00065	PASS			
							-20	2.05	0.0008	PASS	
							-10	1.39	0.00054	PASS	
							0	1.46	0.00057	PASS	
							10	1.36	0.00053	PASS	
							20	-1.23	-0.00048	PASS	
							30	2.69	0.00105	PASS	
							40	1.92	0.00075	PASS	
							50	0.9	0.00035	PASS	
		20	LCH	VN	-30	1.65	0.00066	PASS			
								-20	2.03	0.00081	PASS
								-10	2.49	0.00099	PASS
								0	1.67	0.00067	PASS
								10	2.05	0.00082	PASS
								20	1.27	0.00051	PASS
								30	2.02	0.0008	PASS
								40	0.5	0.0002	PASS
								50	1.93	0.00077	PASS
				MCH	VN	-30	-2.12	-0.00084	PASS		

					-20	-2.12	-0.00084	PASS
					-10	-3.29	-0.0013	PASS
					0	-2.25	-0.00089	PASS
					10	-2.76	-0.00109	PASS
					20	-2.29	-0.0009	PASS
					30	-1.96	-0.00077	PASS
					40	-2.43	-0.00096	PASS
					50	-3.09	-0.00122	PASS
			HCH	VN	-30	-0.1	-0.00004	PASS
					-20	0.34	0.00013	PASS
					-10	-0.2	-0.00008	PASS
					0	-0.11	-0.00004	PASS
					10	1.24	0.00048	PASS
					20	-0.8	-0.00031	PASS
					30	1.7	0.00066	PASS
					40	0.57	0.00022	PASS
					50	-0.83	-0.00032	PASS

END