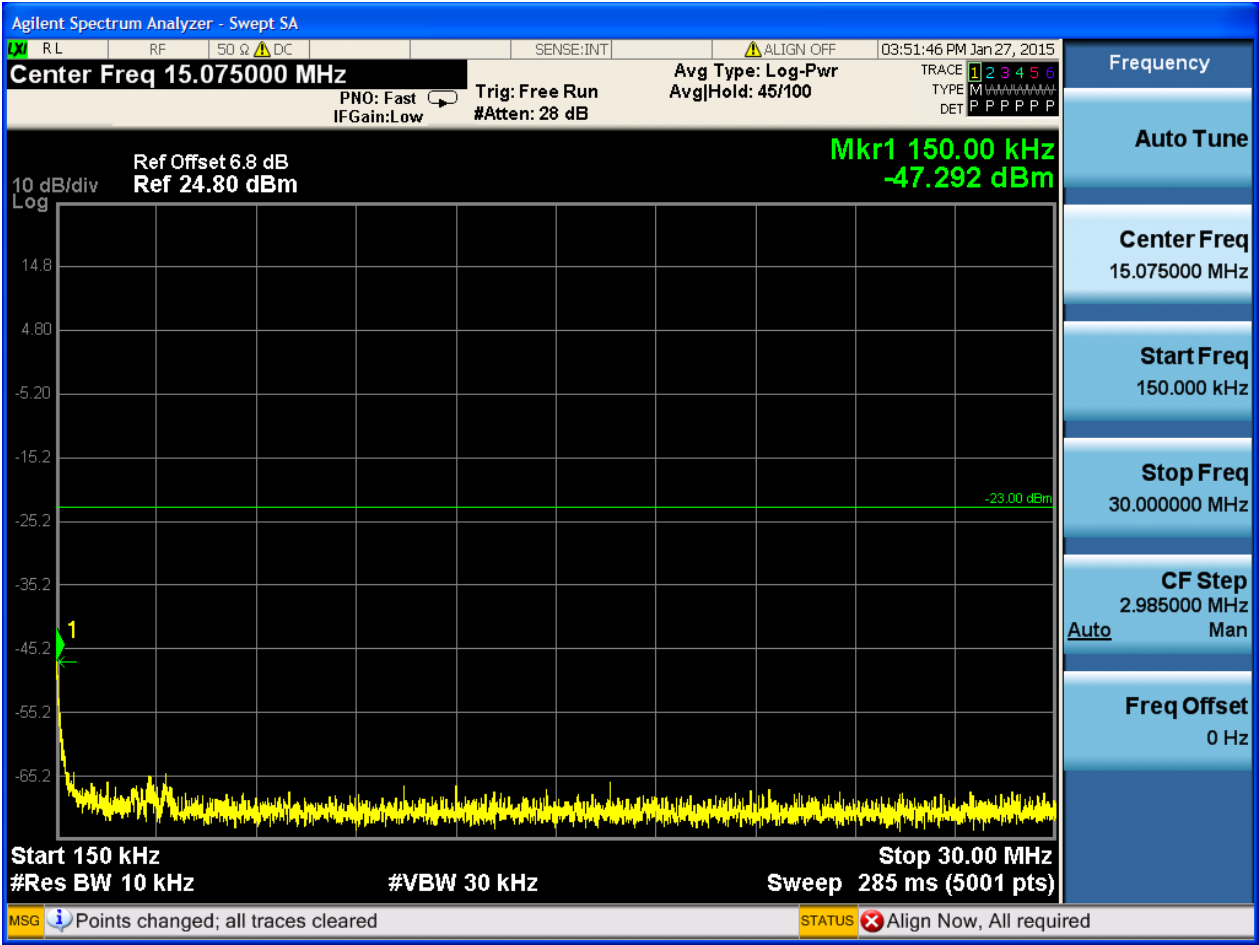
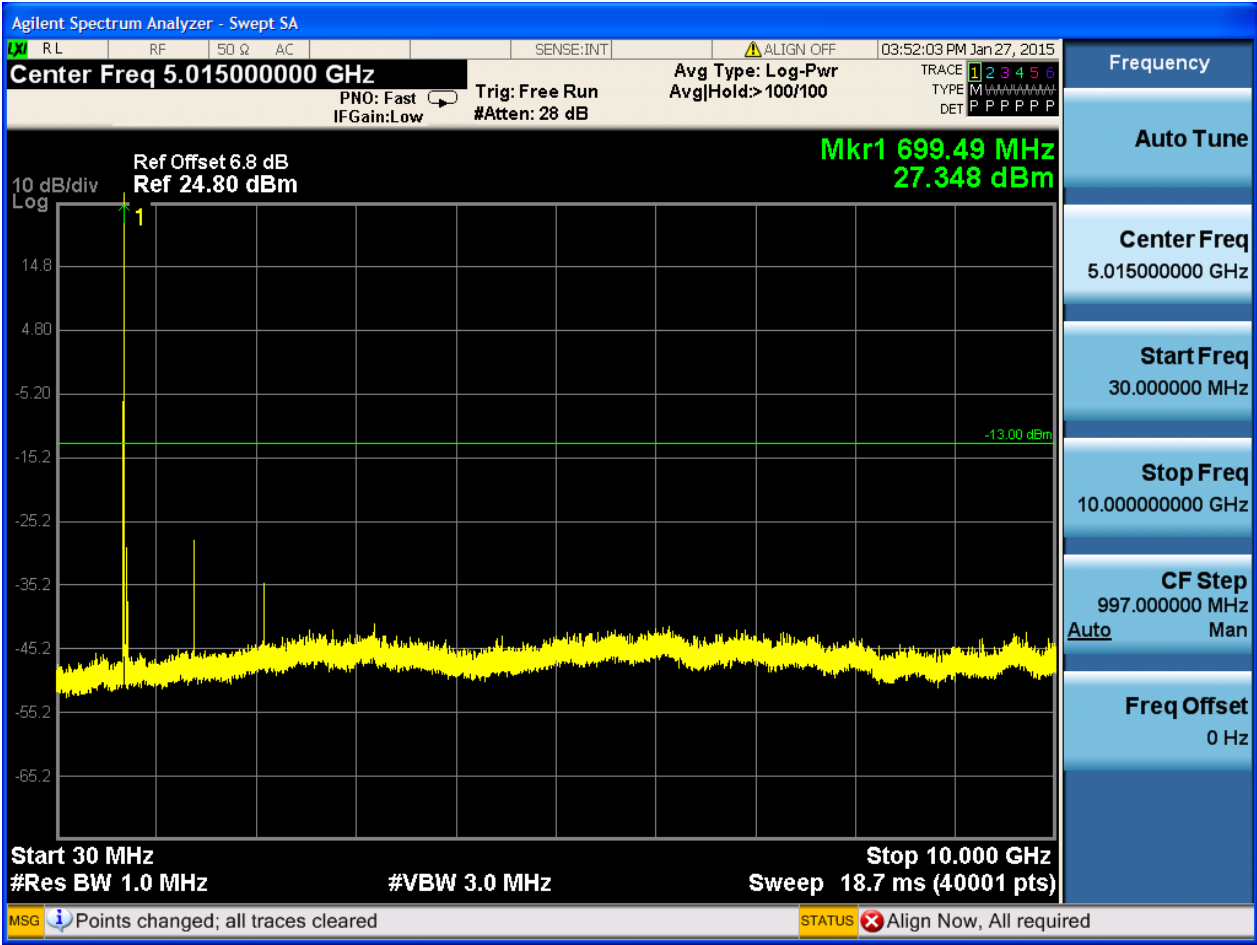


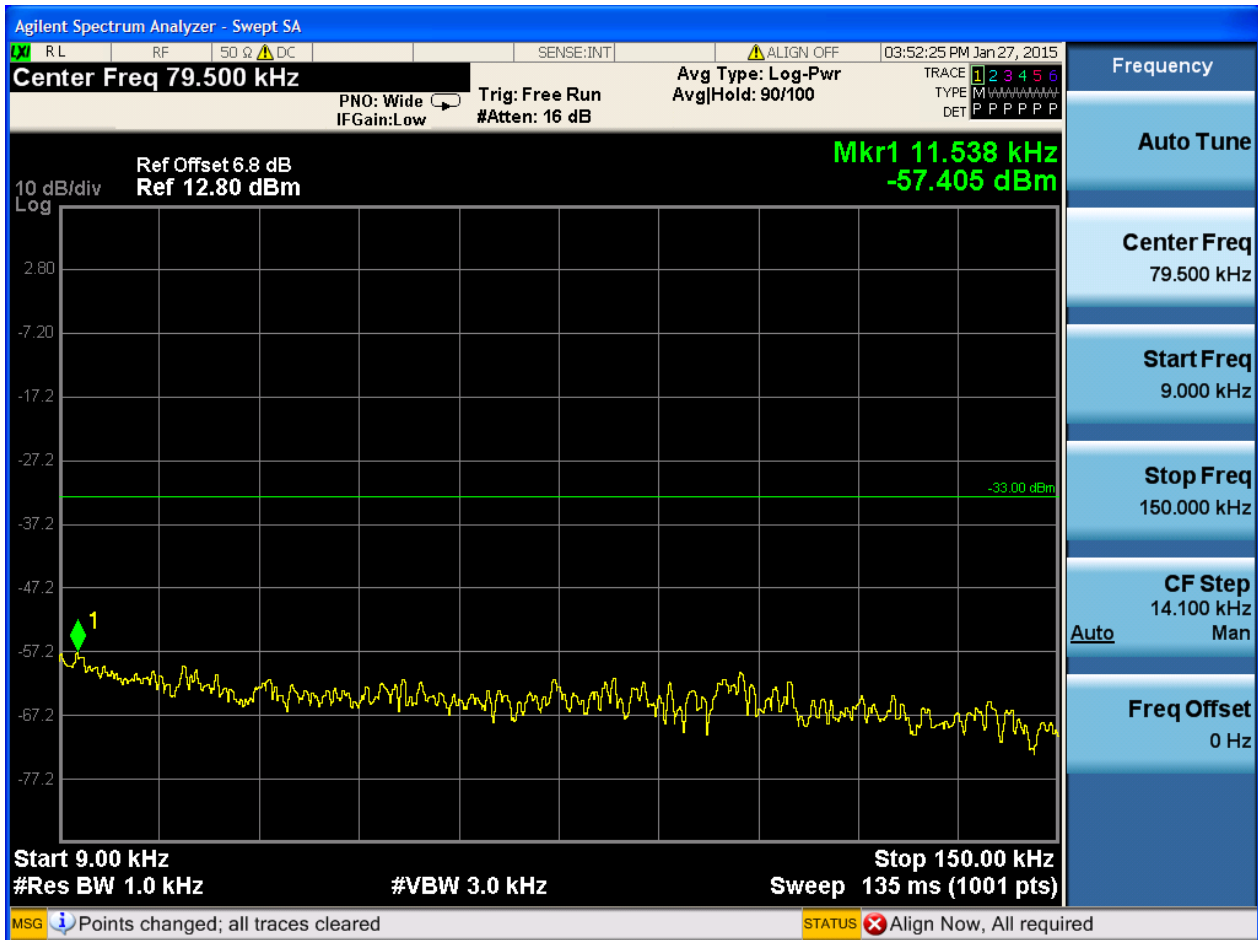


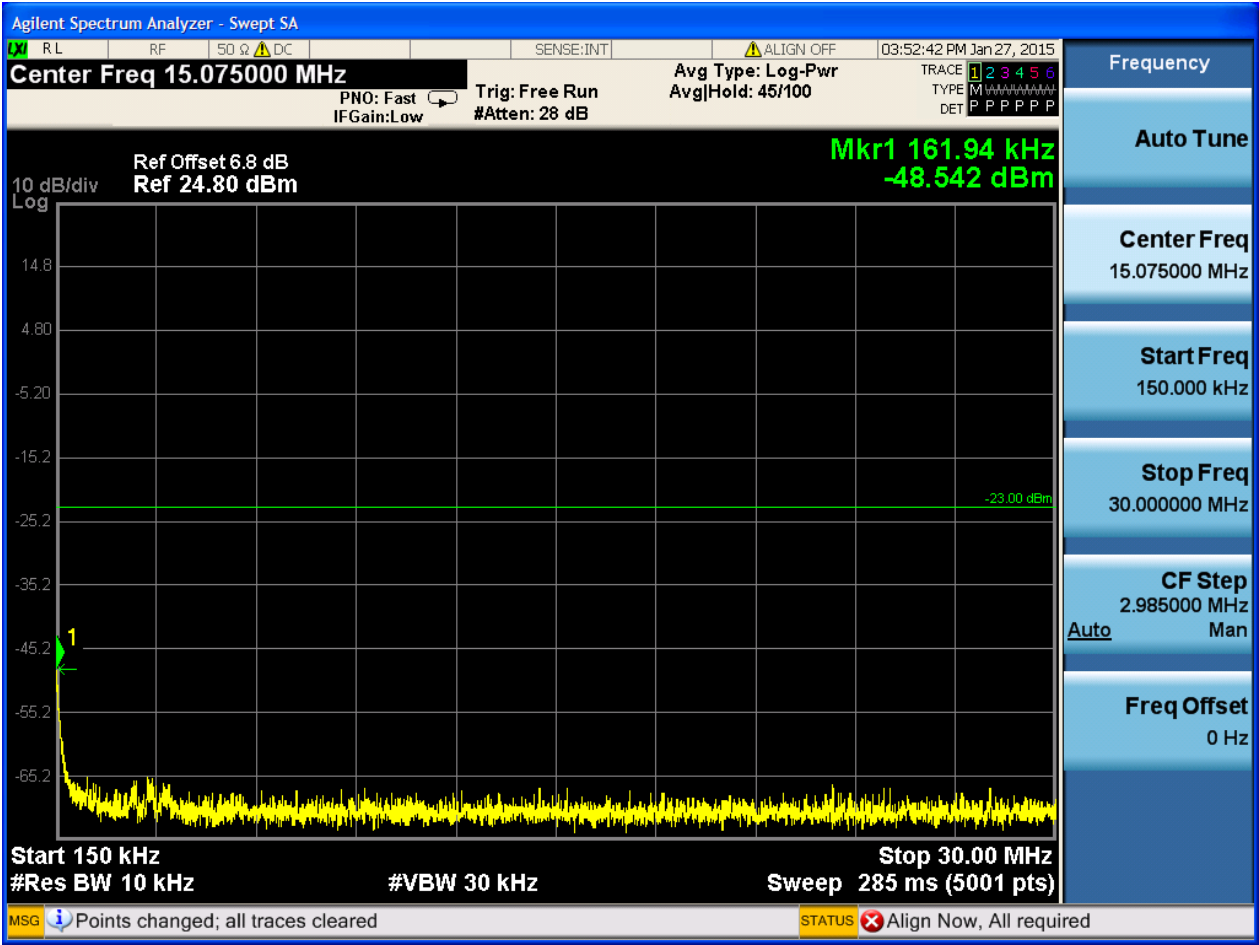


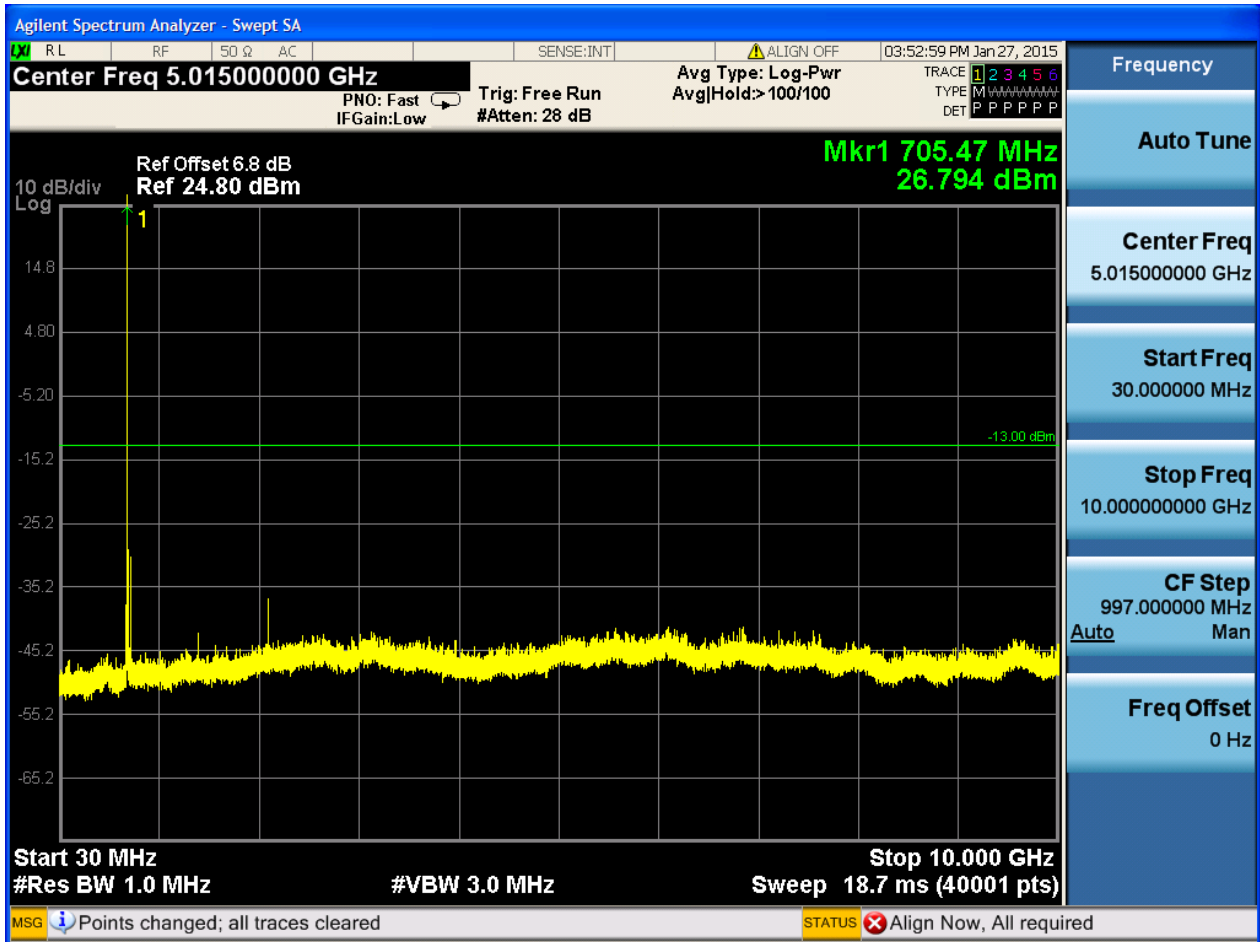


6.1.5.2.3.2 Test Channel = MCH

6.1.5.2.3.2.1 Test RB = RB1#0



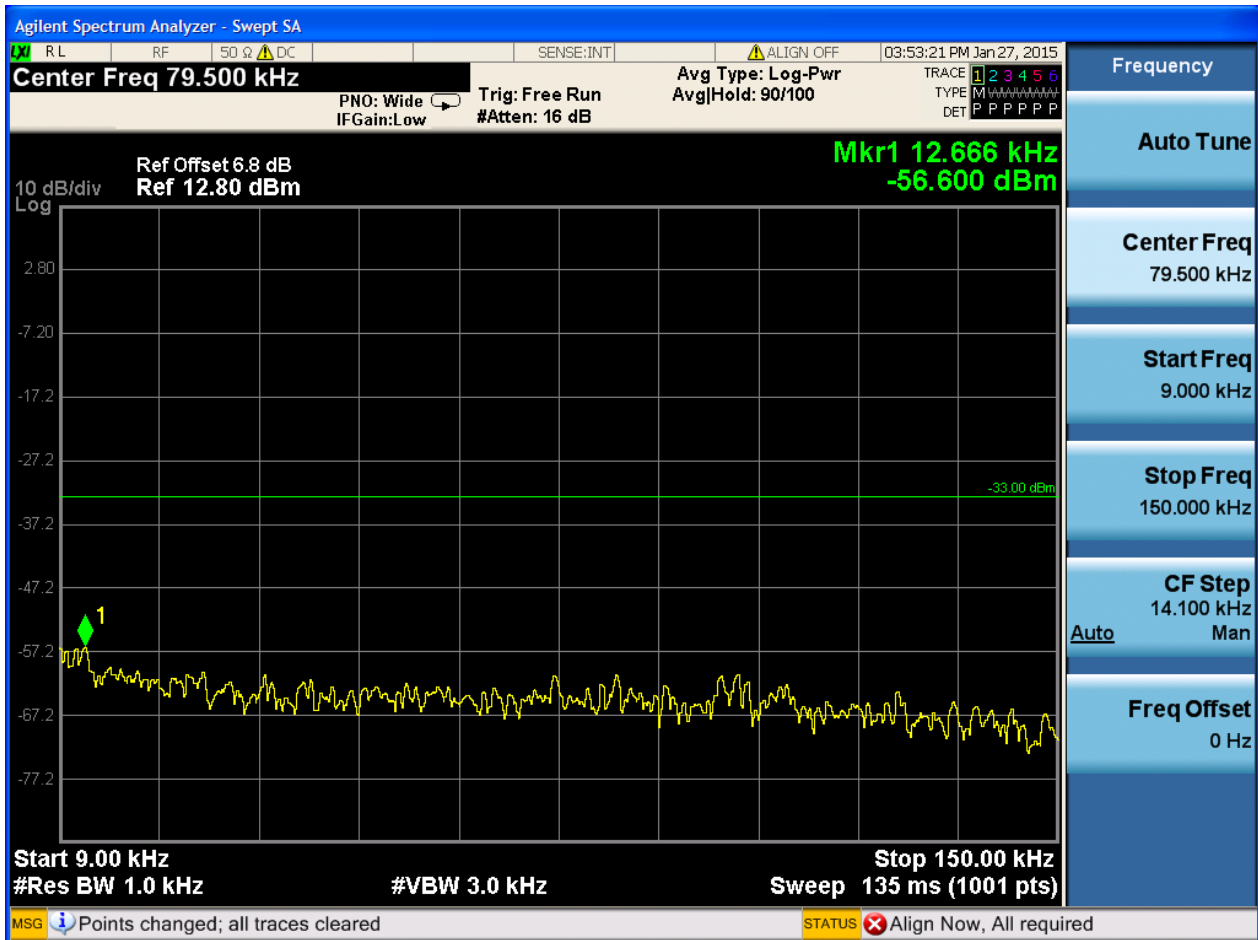


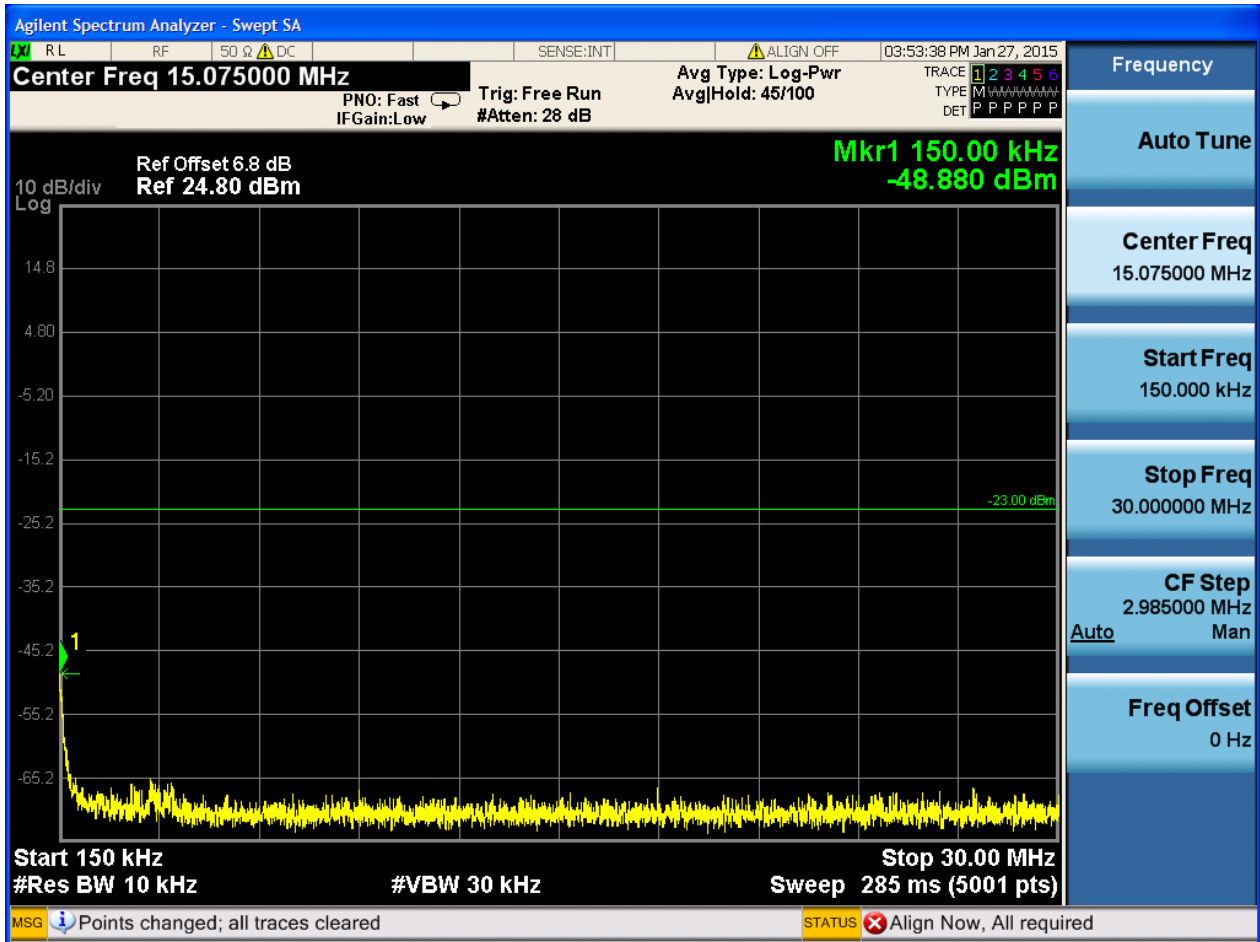


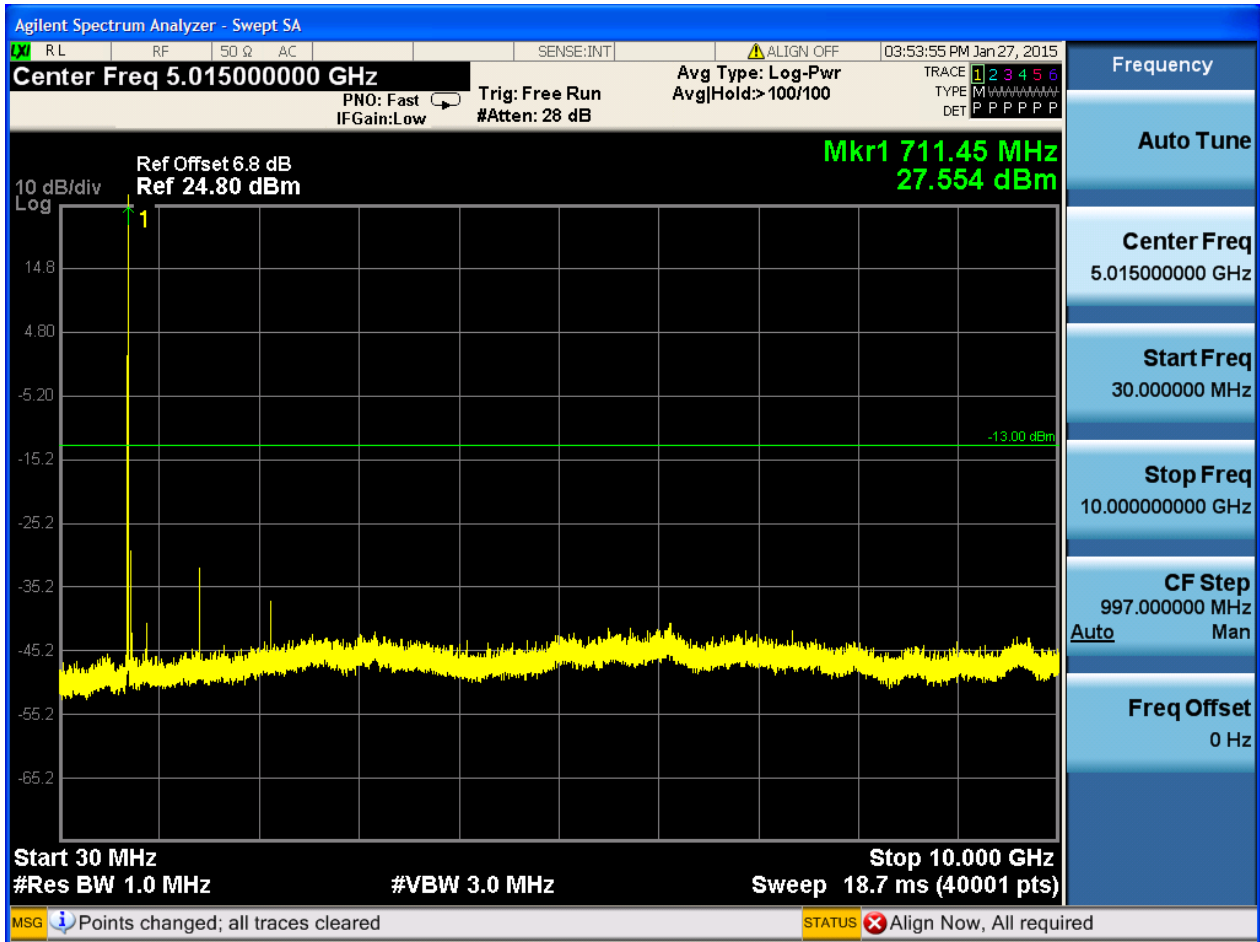


6.1.5.2.3.3 Test Channel = HCH

6.1.5.2.3.3.1 Test RB = RB1#0





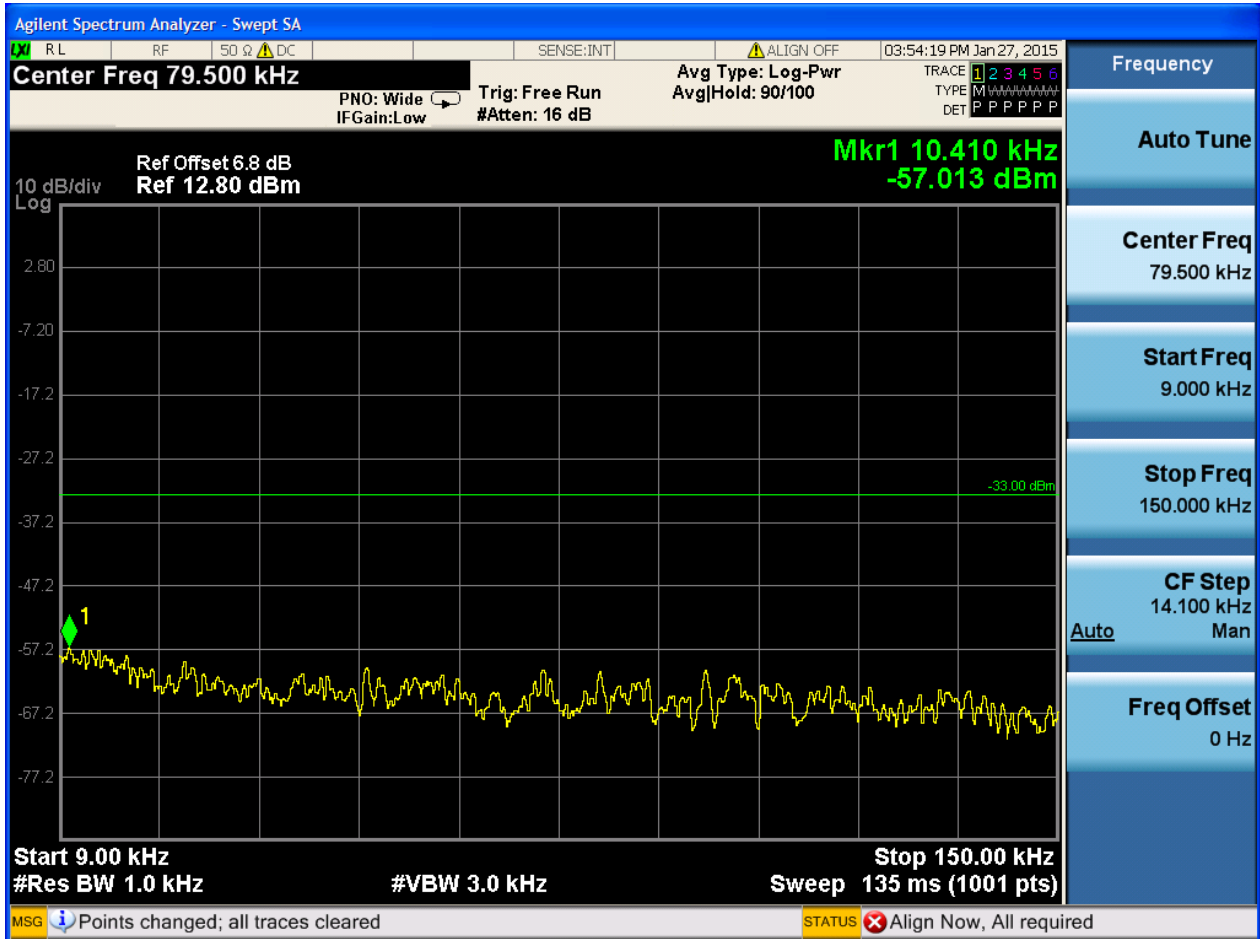


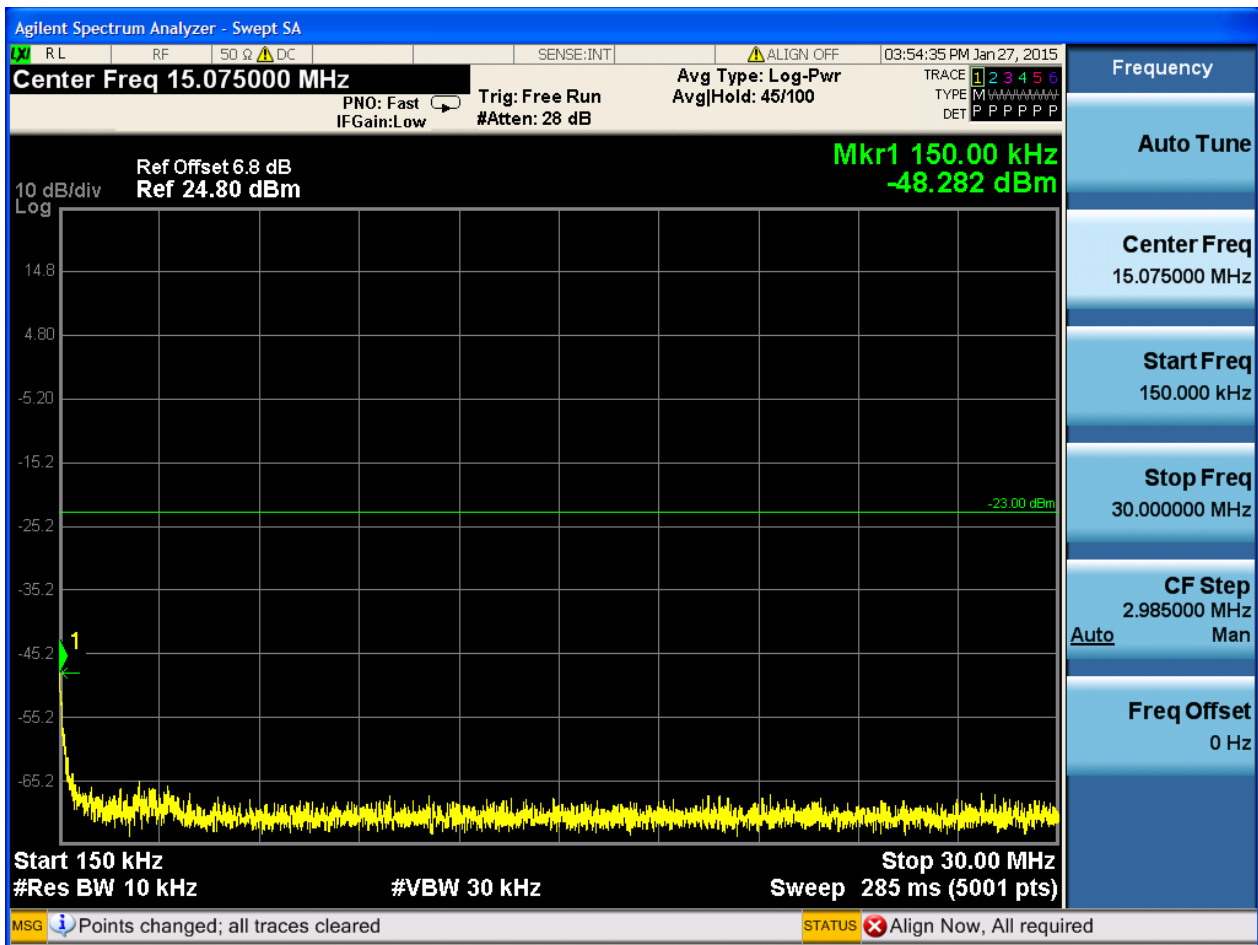


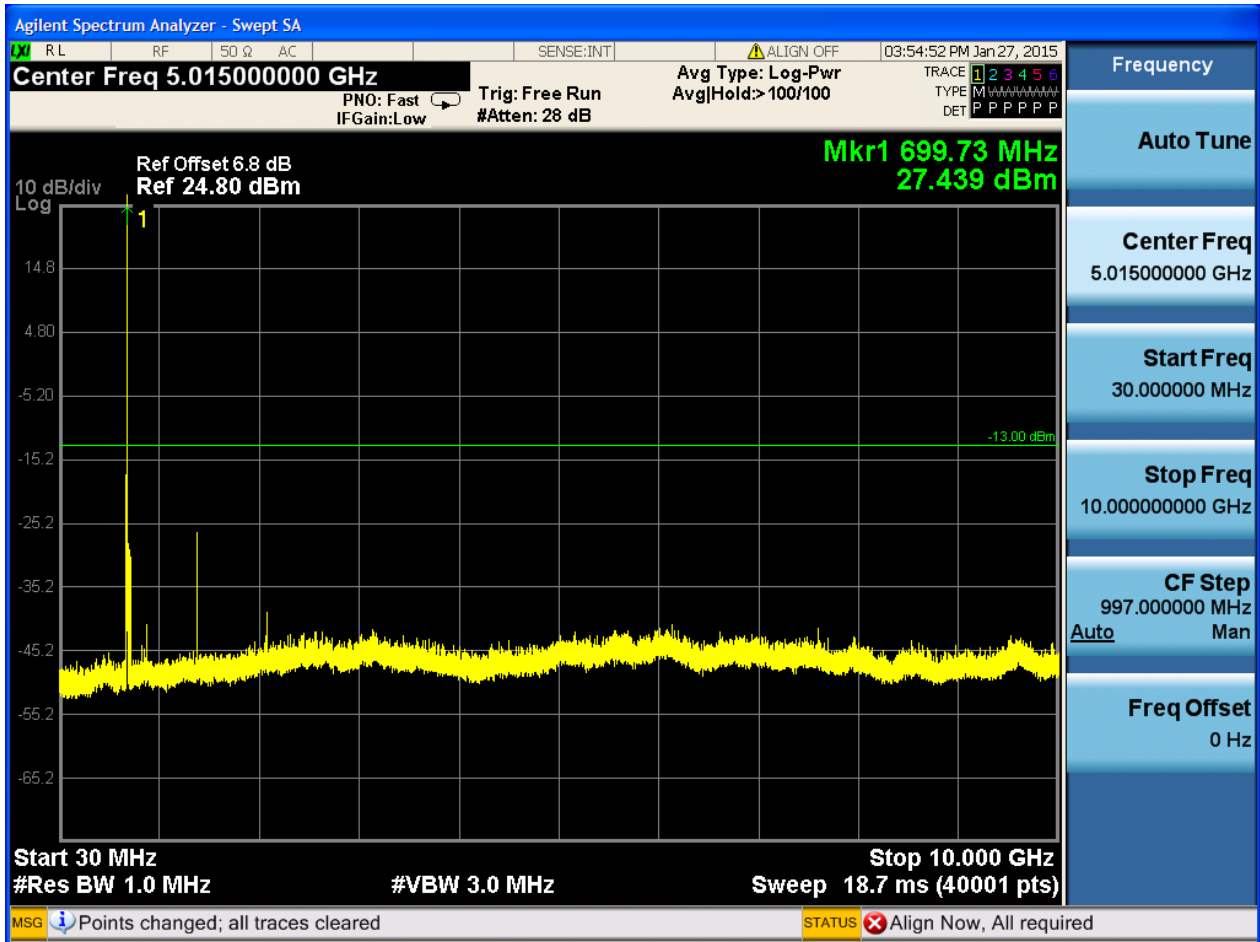
6.1.5.2.4 Test Bandwidth = 10

6.1.5.2.4.1 Test Channel = LCH

6.1.5.2.4.1.1 Test RB = RB1#0

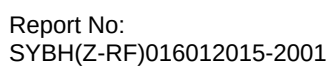


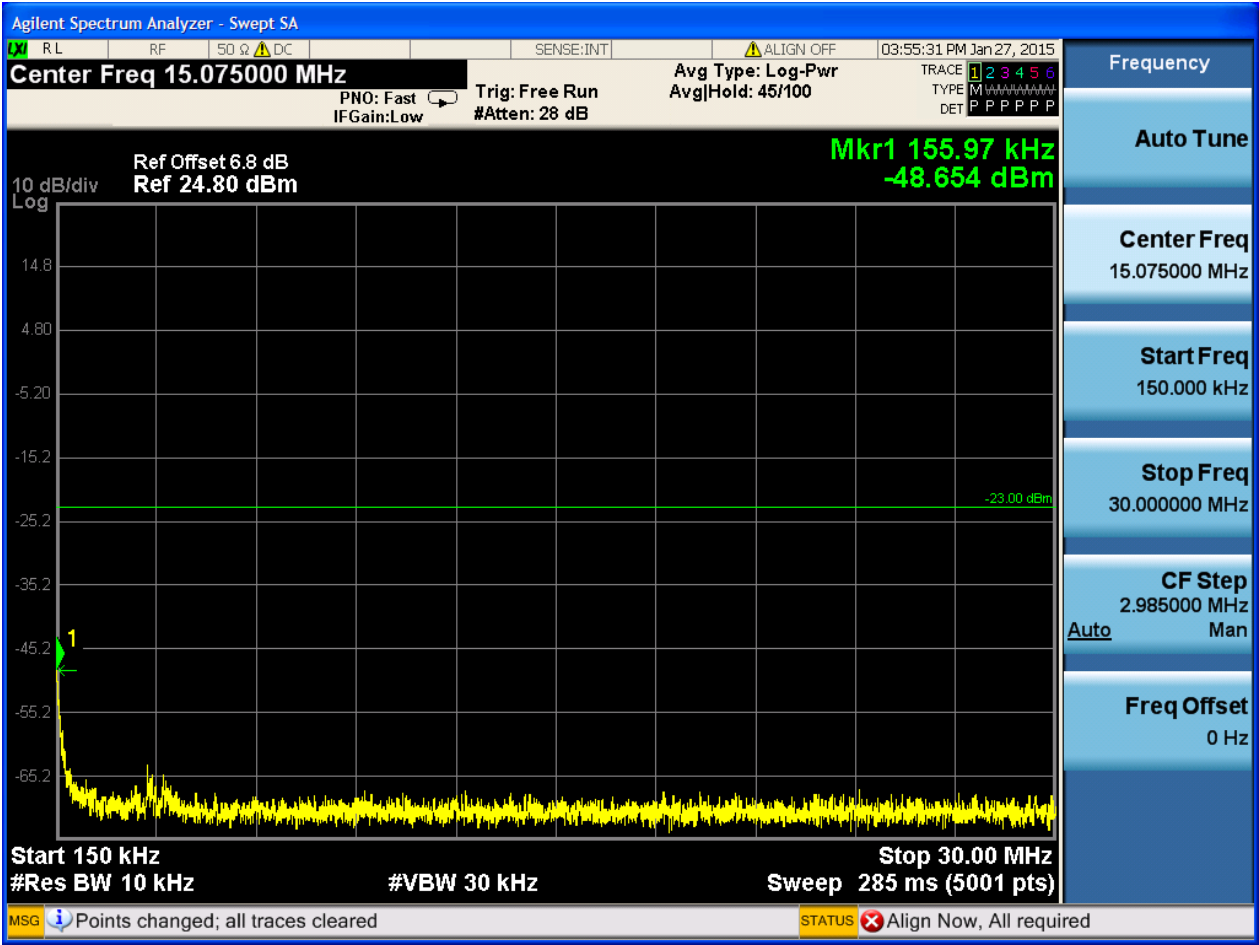


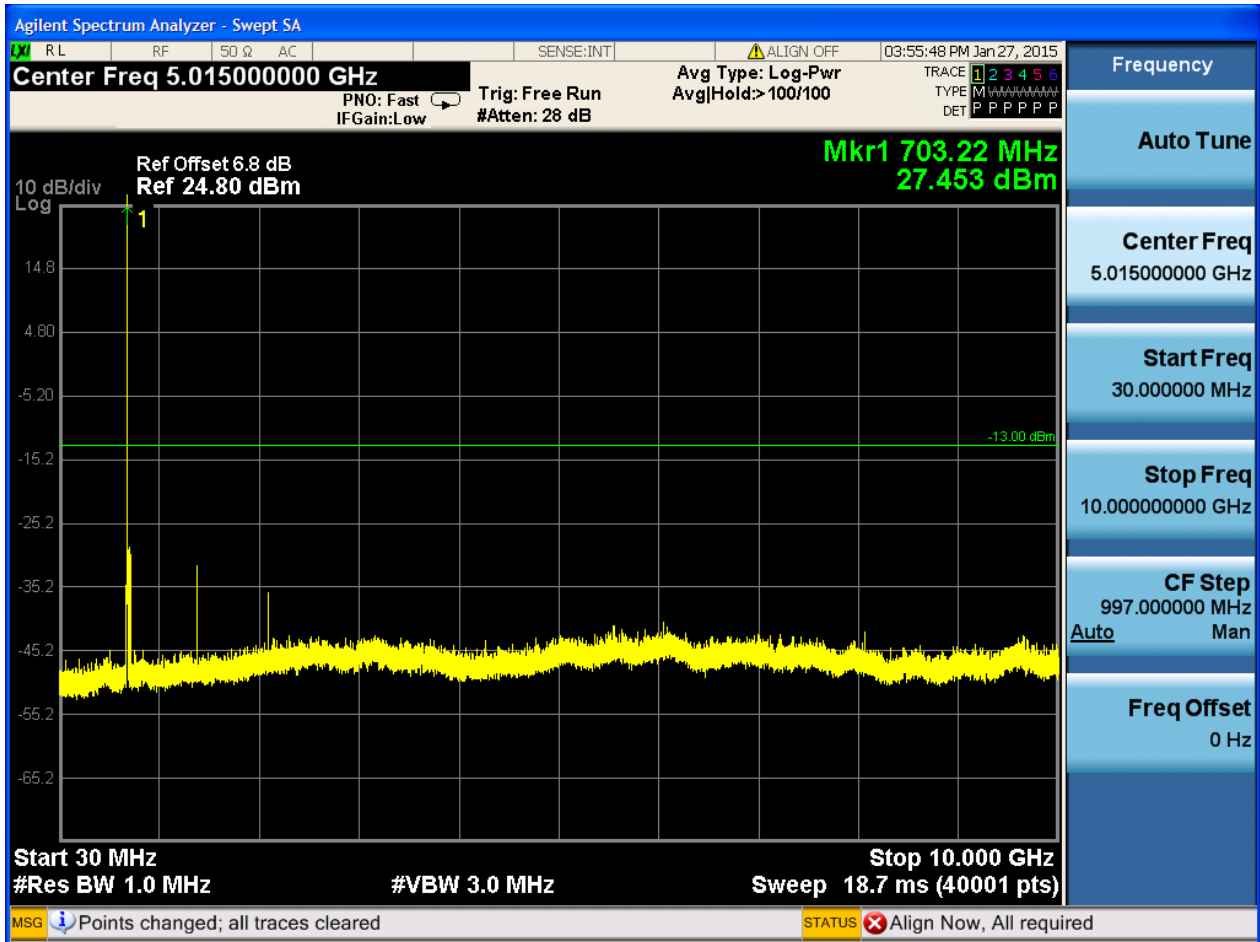




6.1.5.2.4.2.1 Test RB = RB1#0

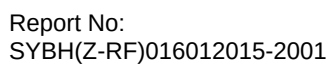


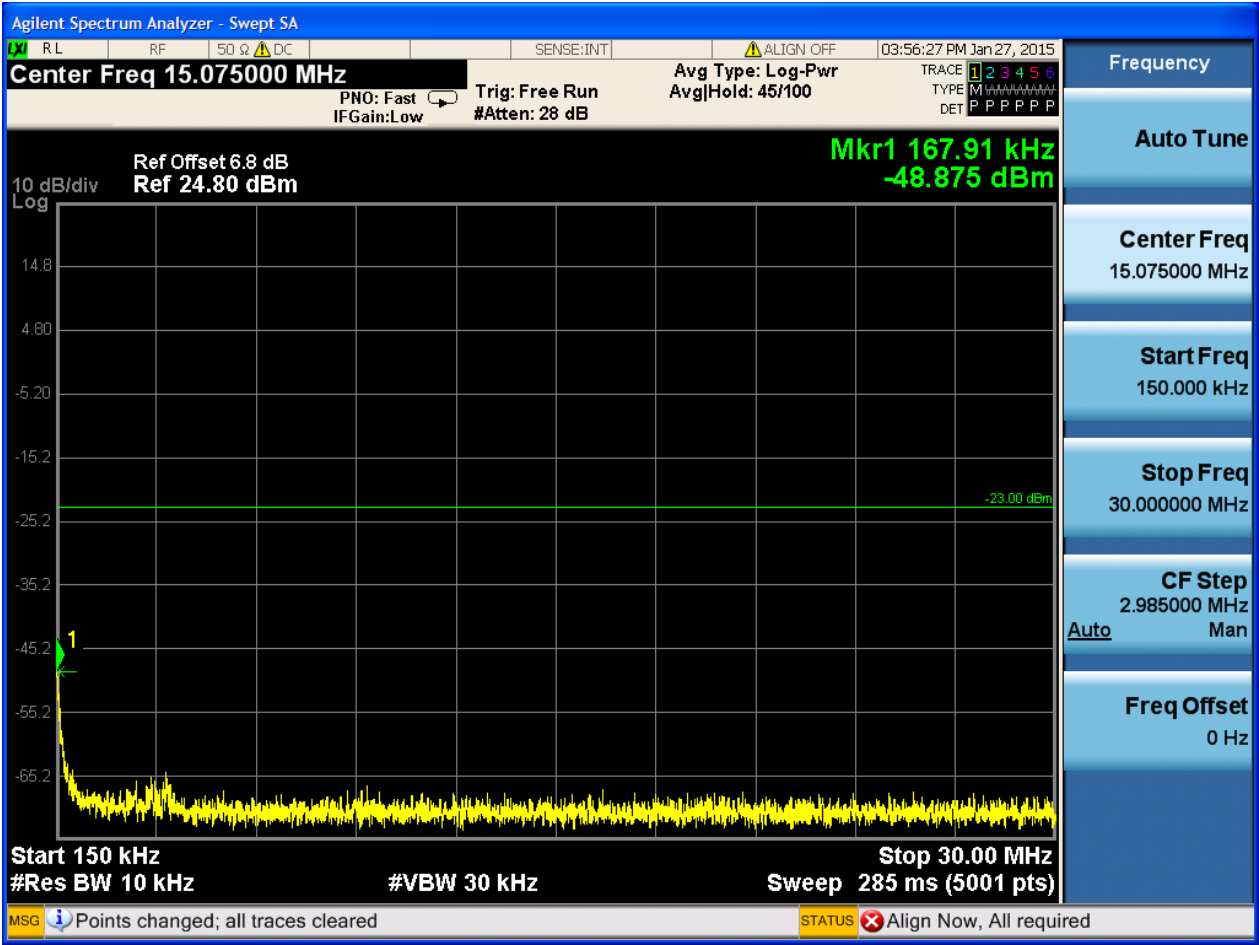


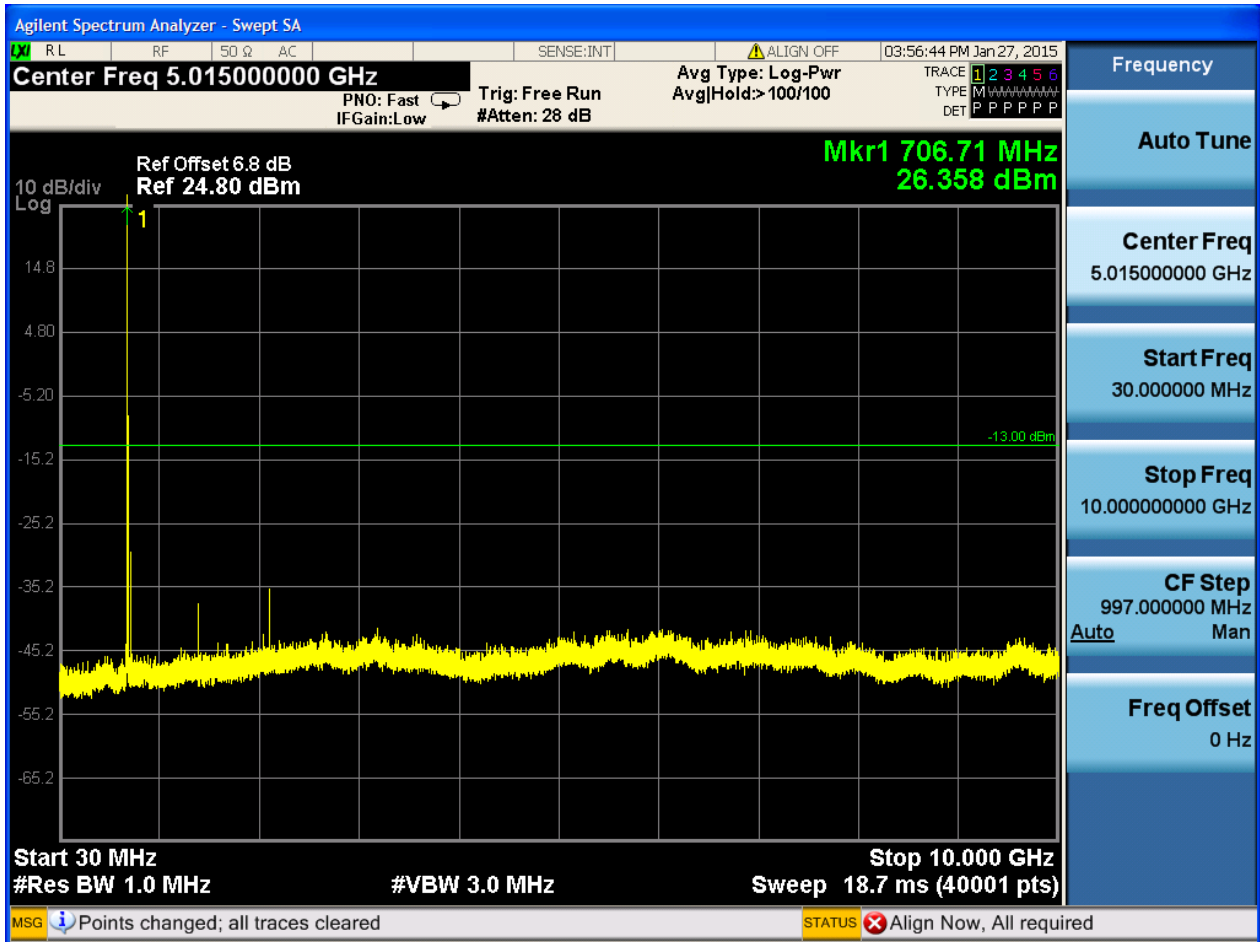




6.1.5.2.4.3.1 Test RB = RB1#0









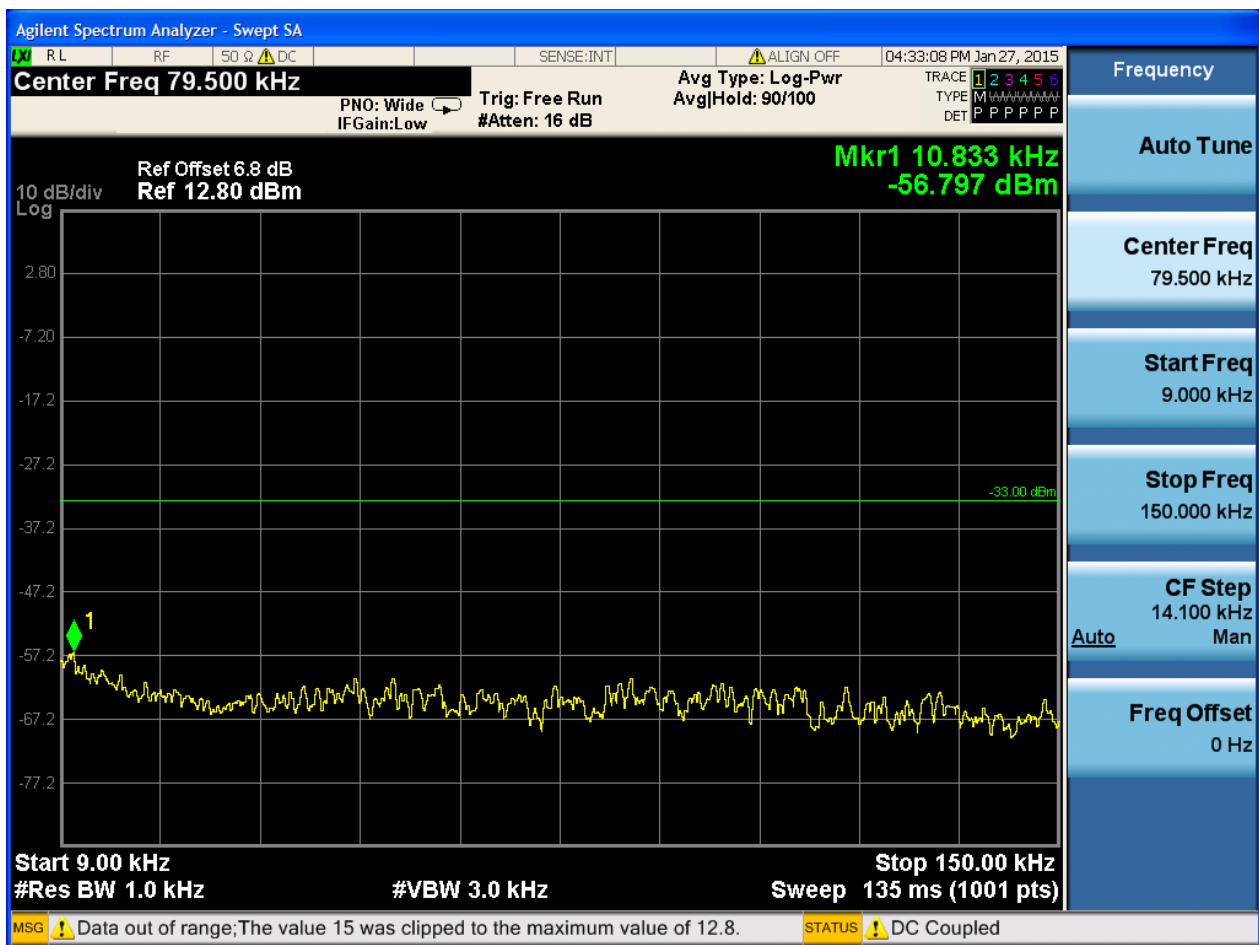
6.1.6 Test Band = BAND17

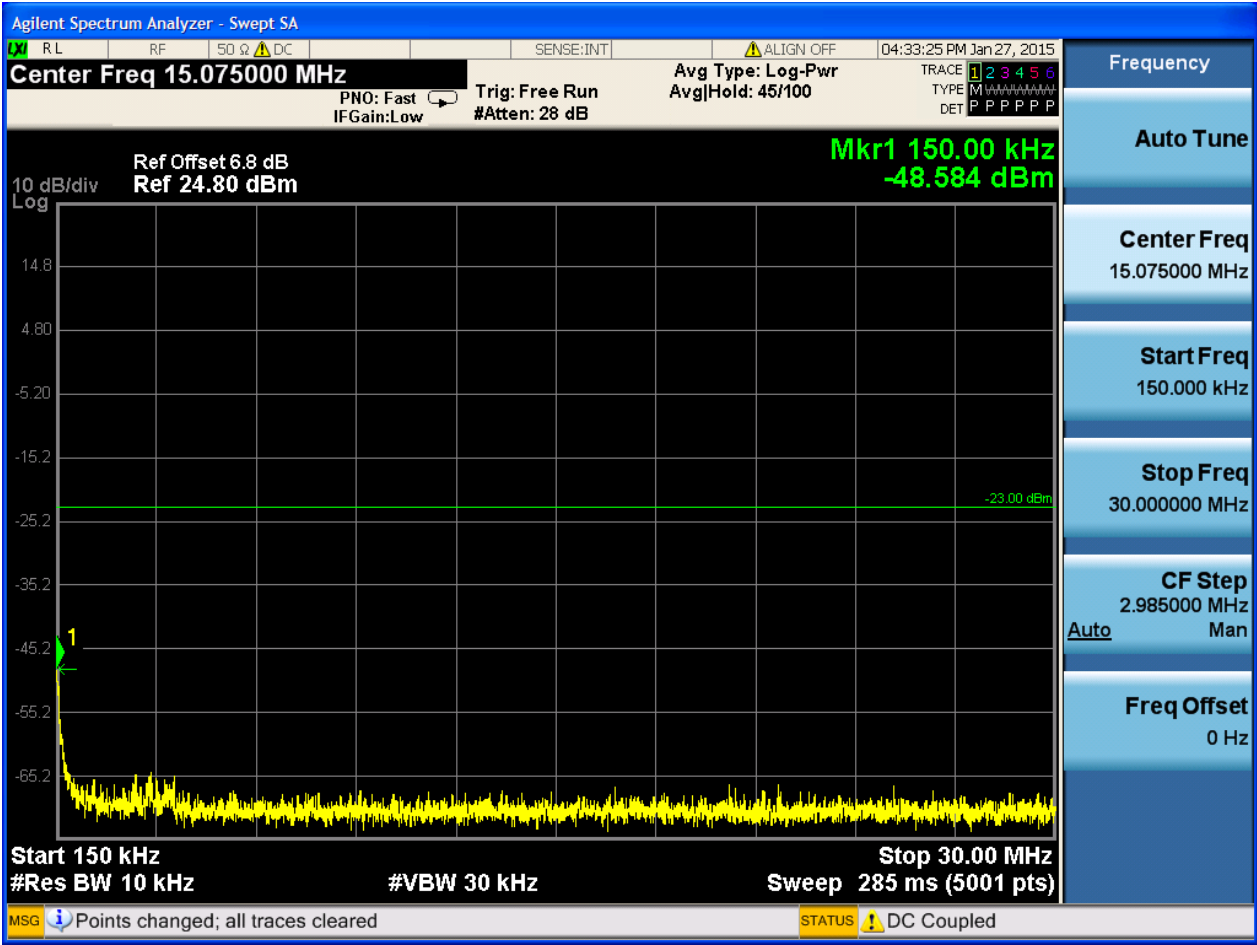
6.1.6.1 Test Mode = LTE/TM1

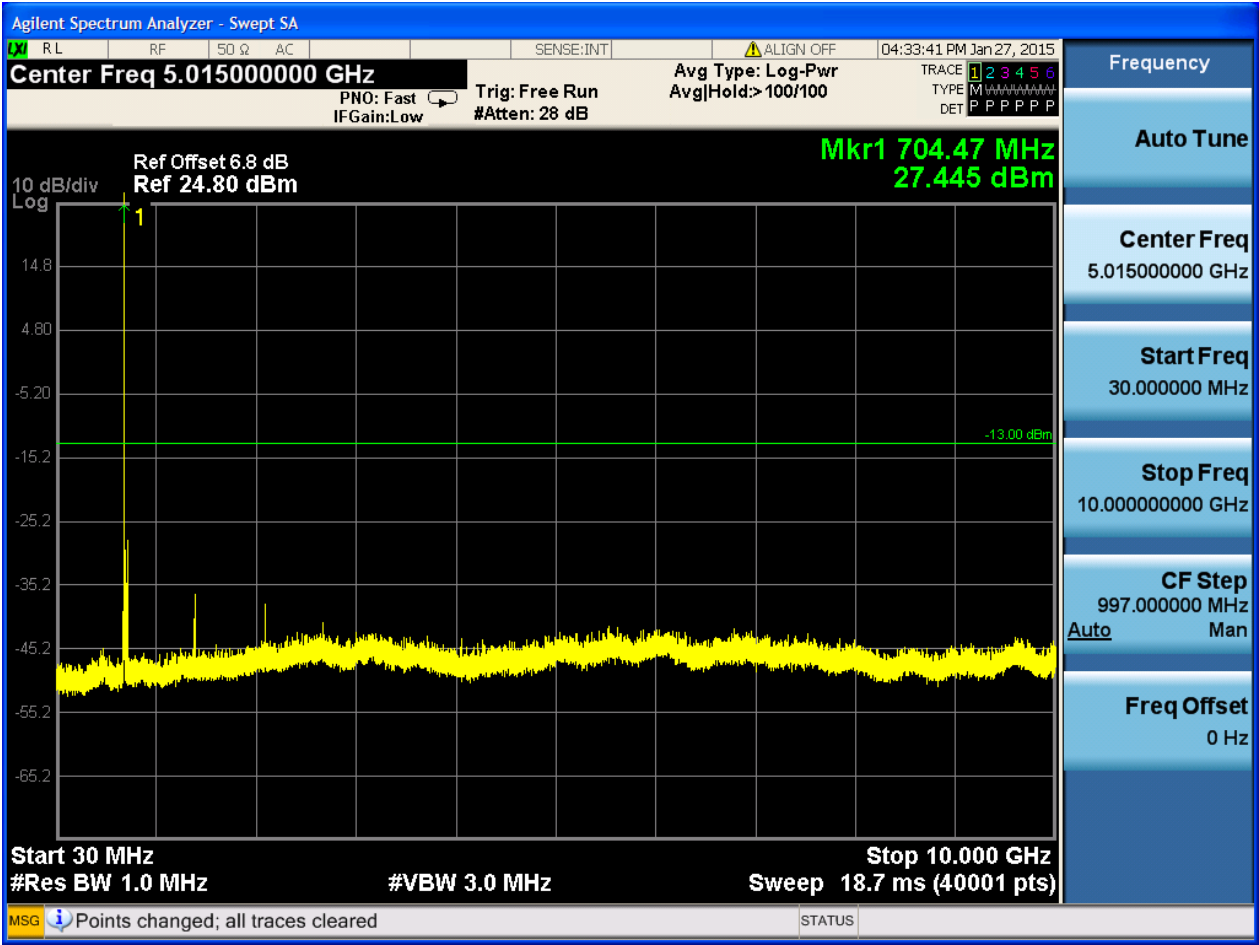
6.1.6.1.1 Test Bandwidth = 5

6.1.6.1.1.1 Test Channel = LCH

6.1.6.1.1.1.1 Test RB = RB1#0



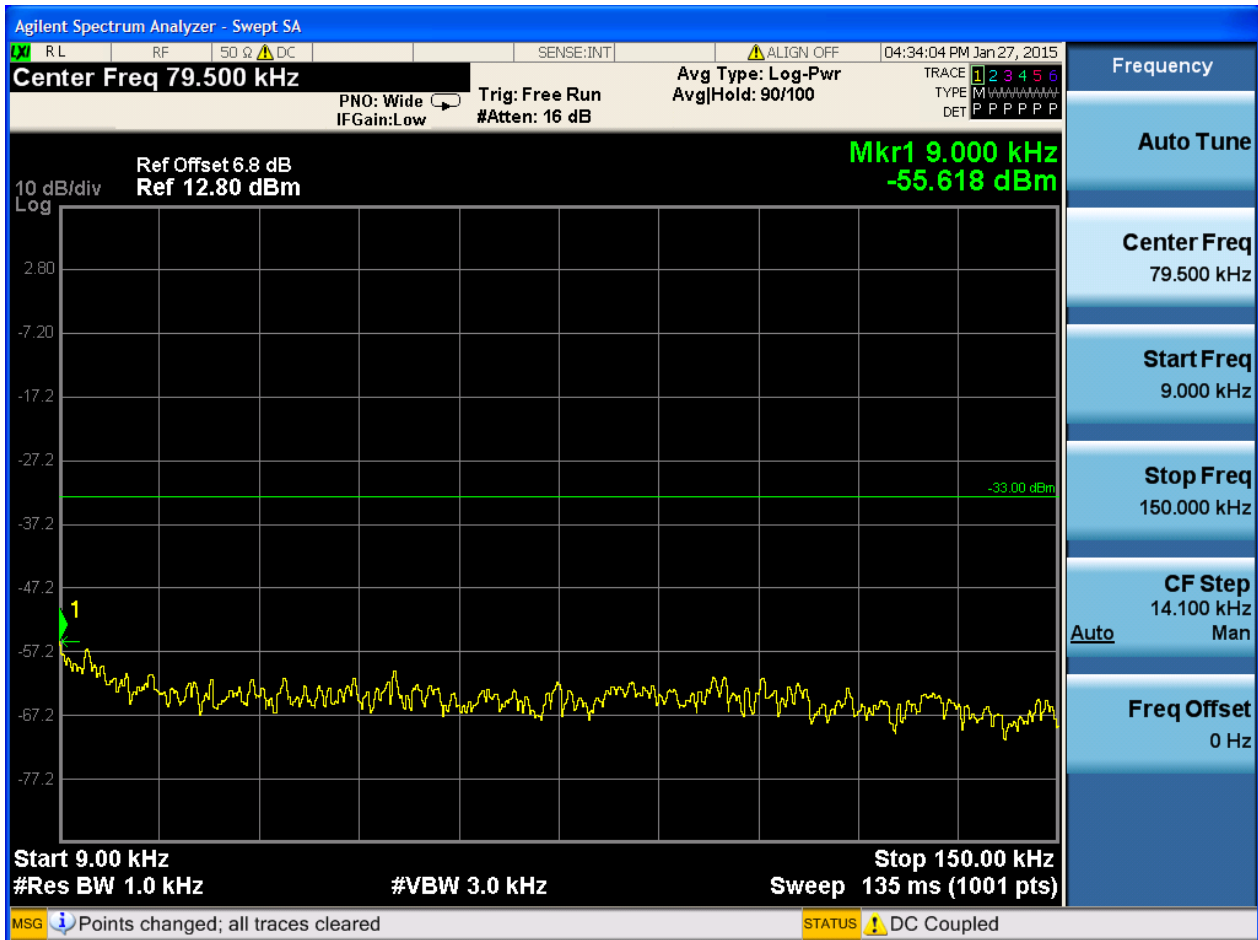


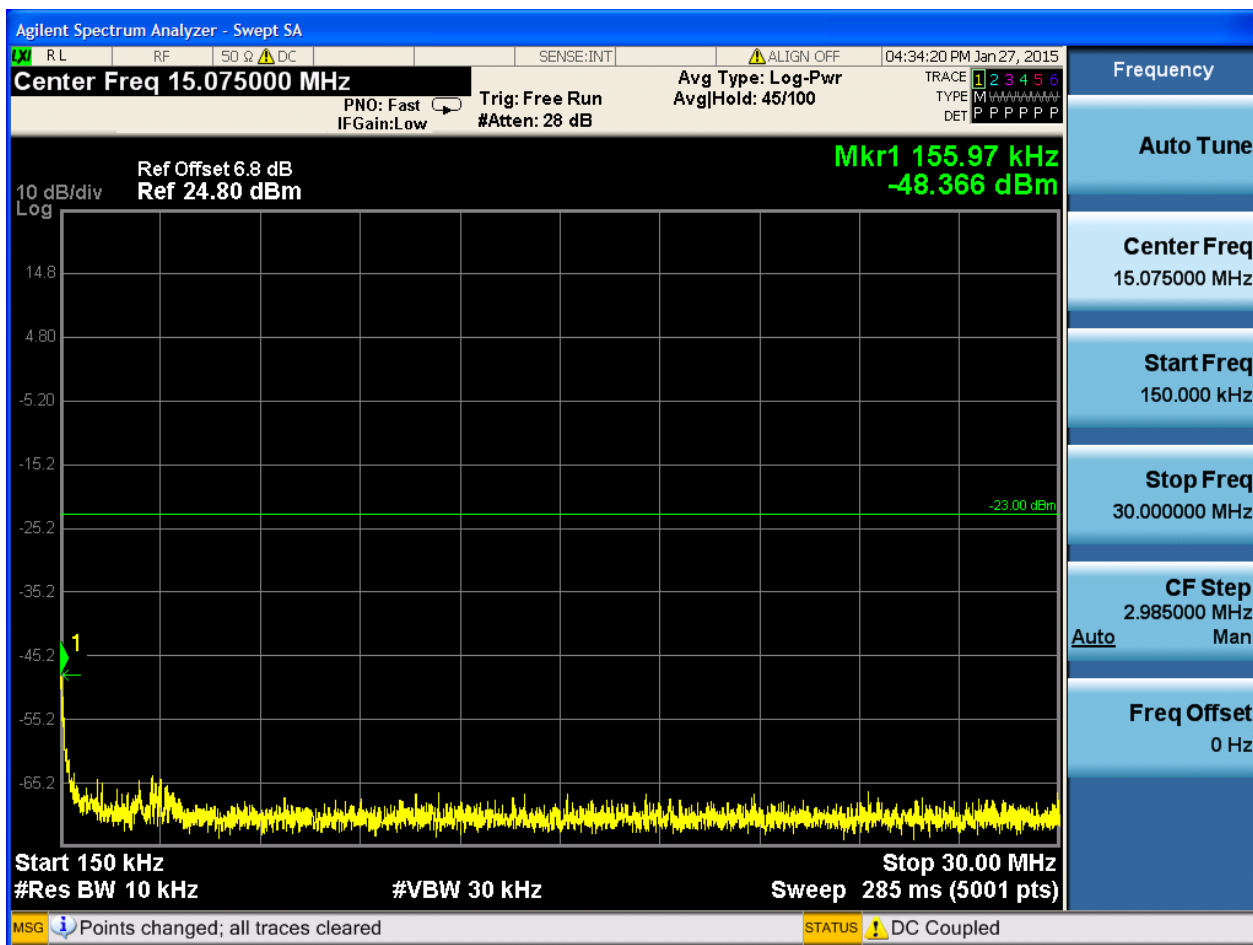


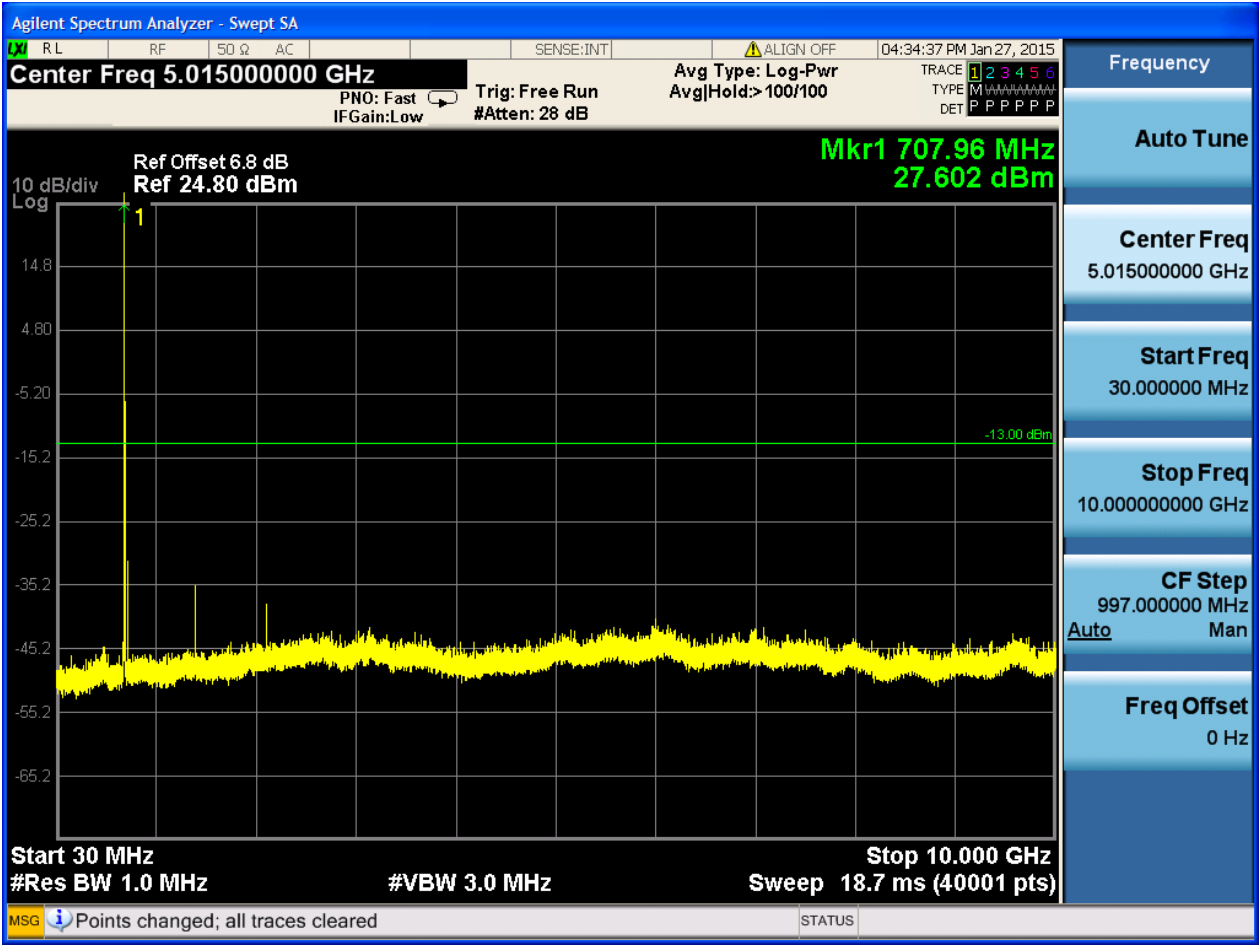


6.1.6.1.1.2 Test Channel = MCH

6.1.6.1.1.2.1 Test RB = RB1#0

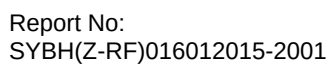


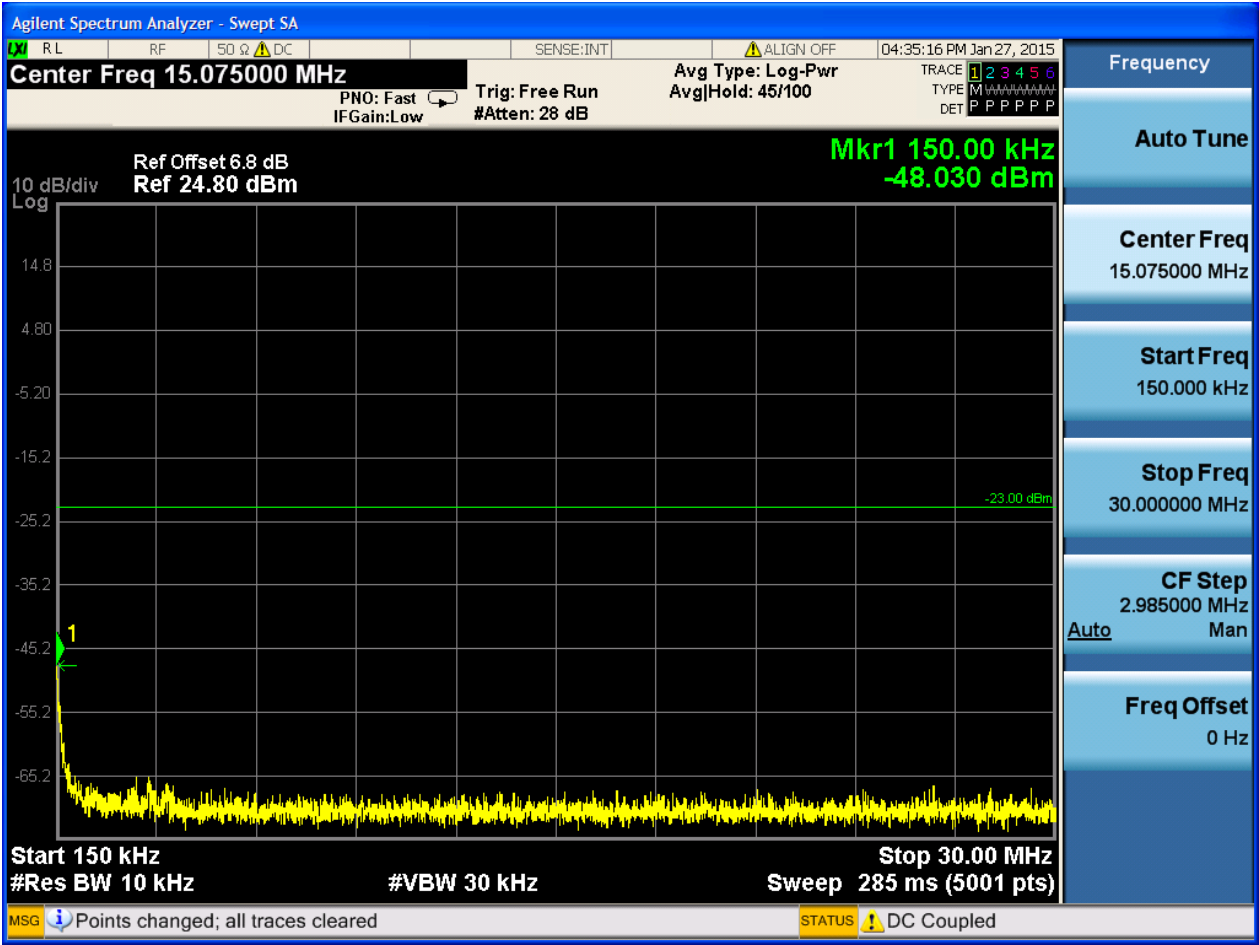


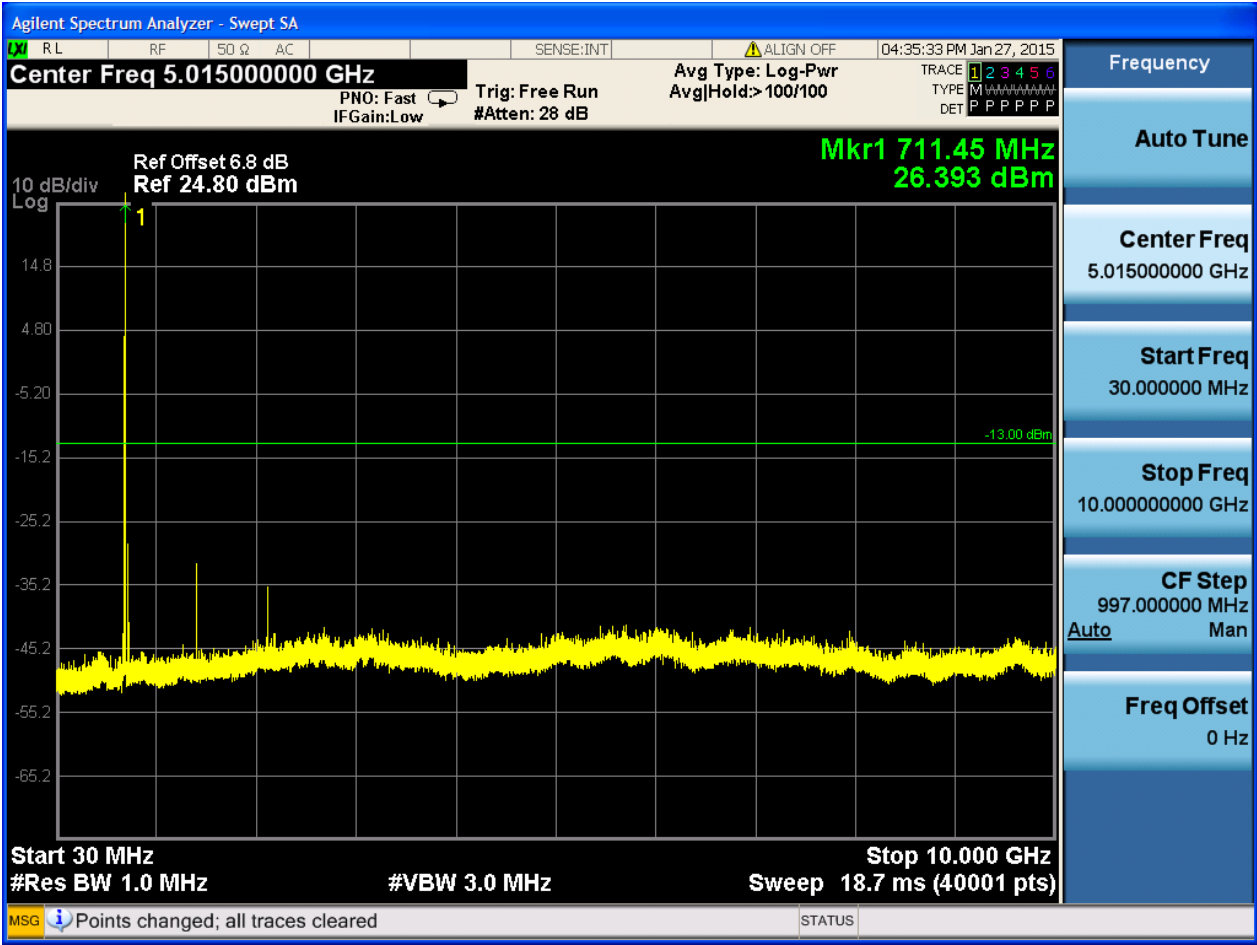




6.1.6.1.1.3.1 Test RB = RB1#0





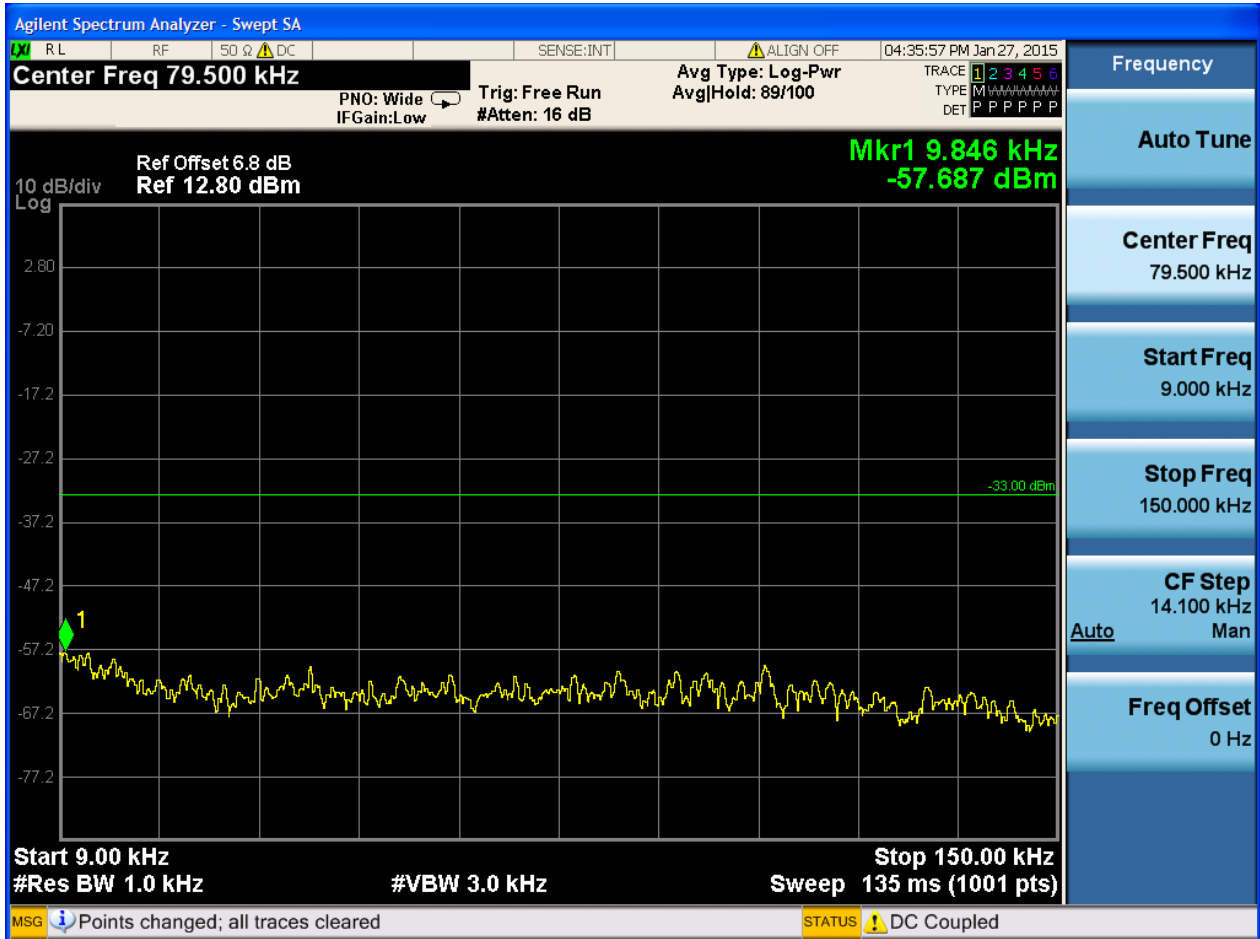


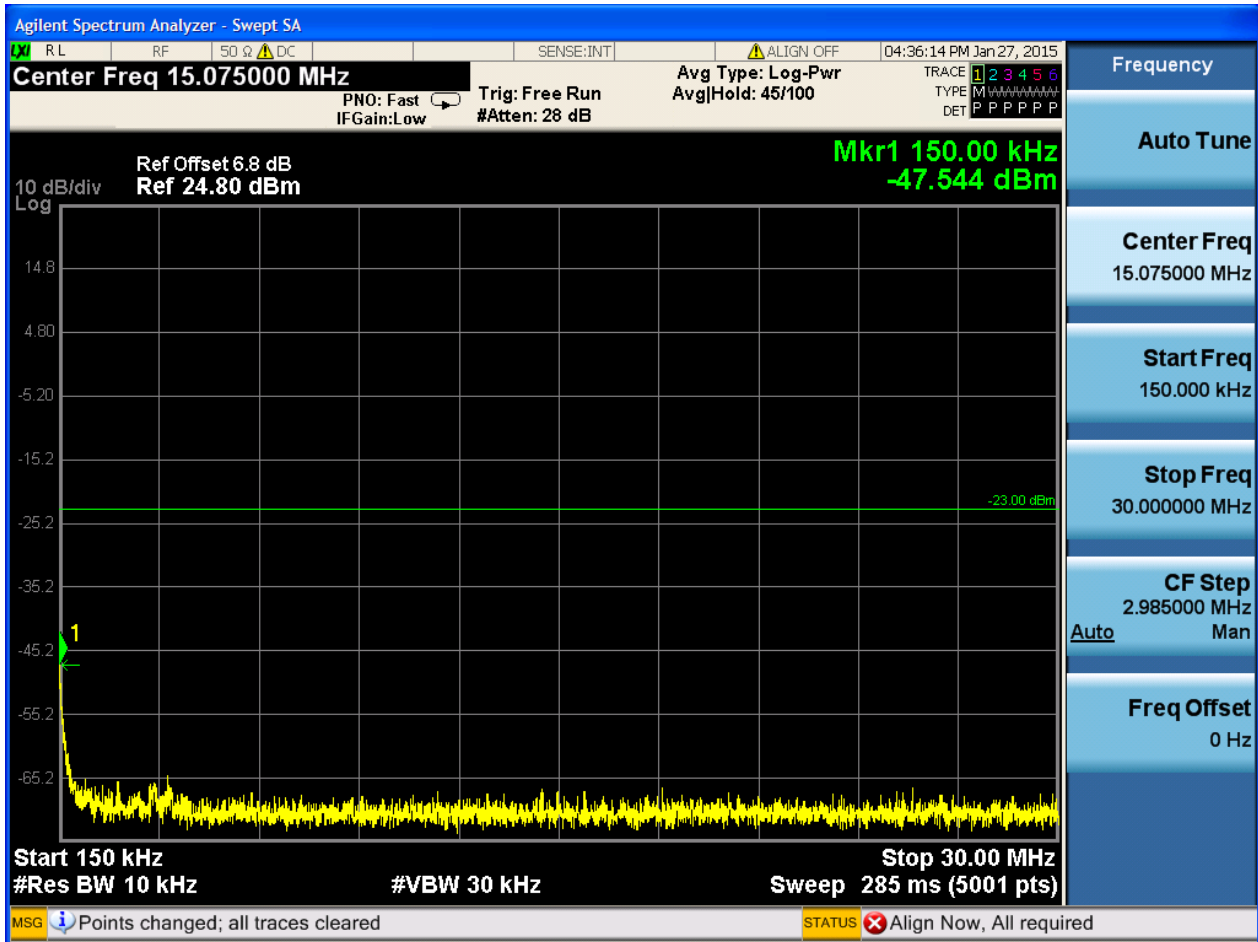


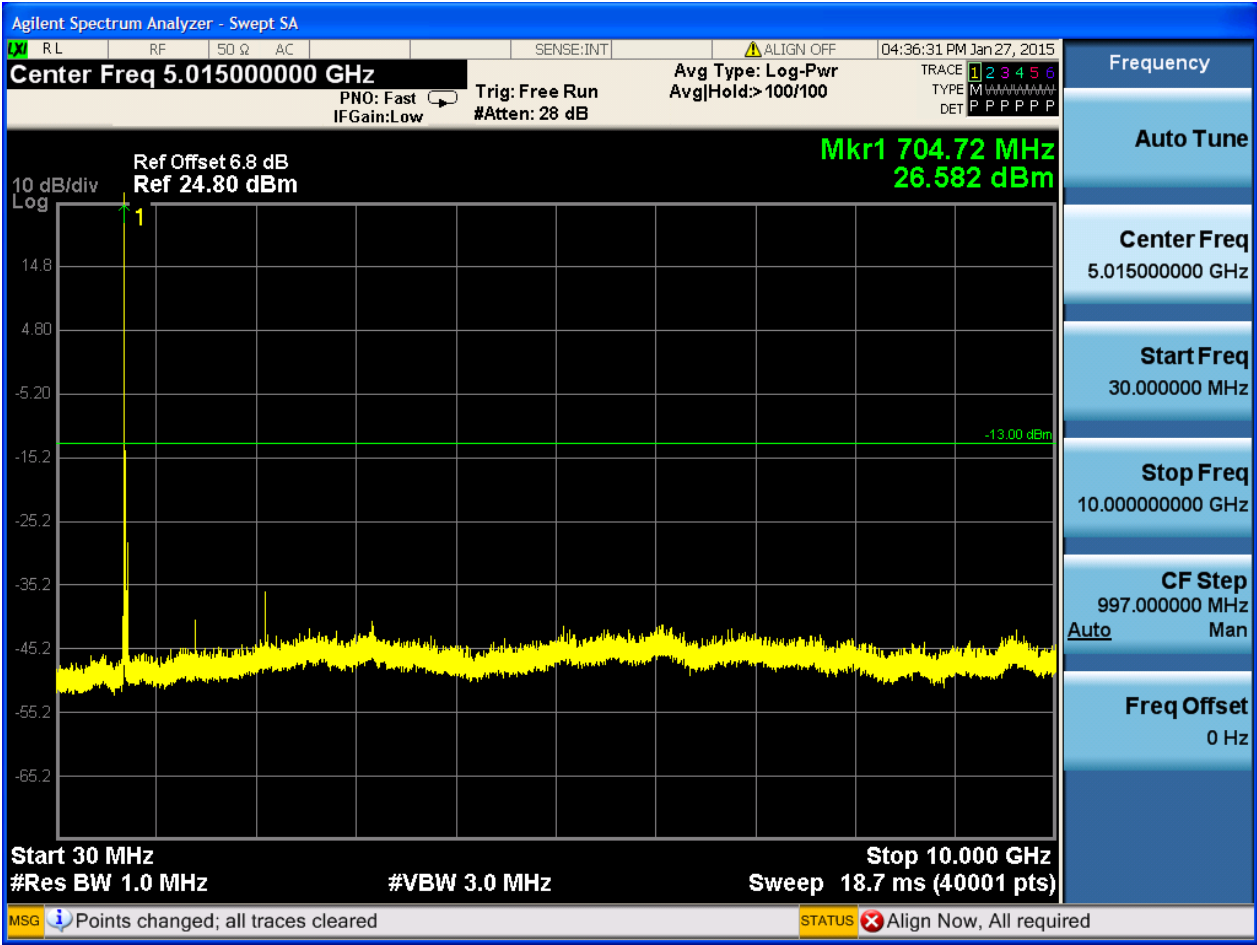
6.1.6.1.2 Test Bandwidth = 10

6.1.6.1.2.1 Test Channel = LCH

6.1.6.1.2.1.1 Test RB = RB1#0



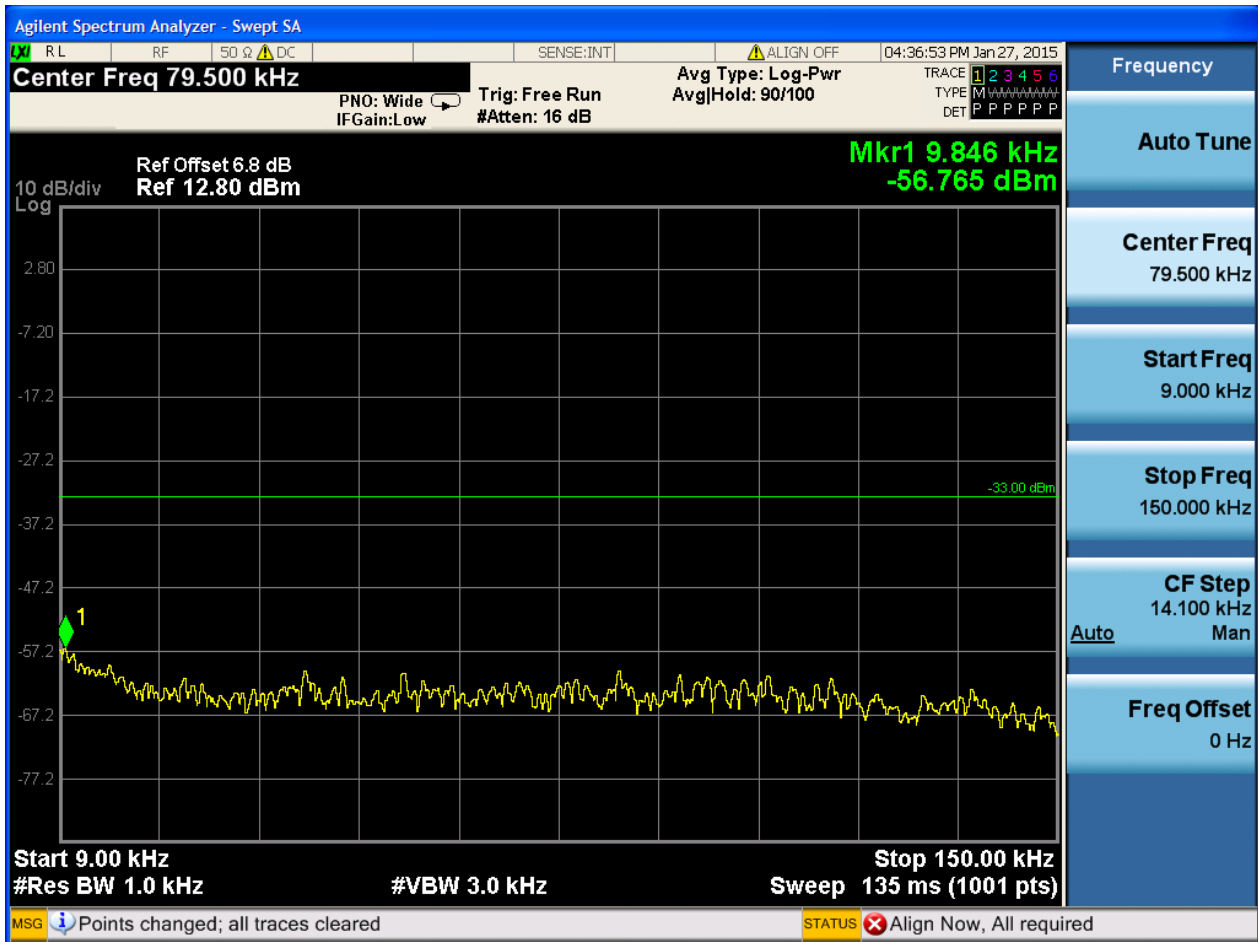


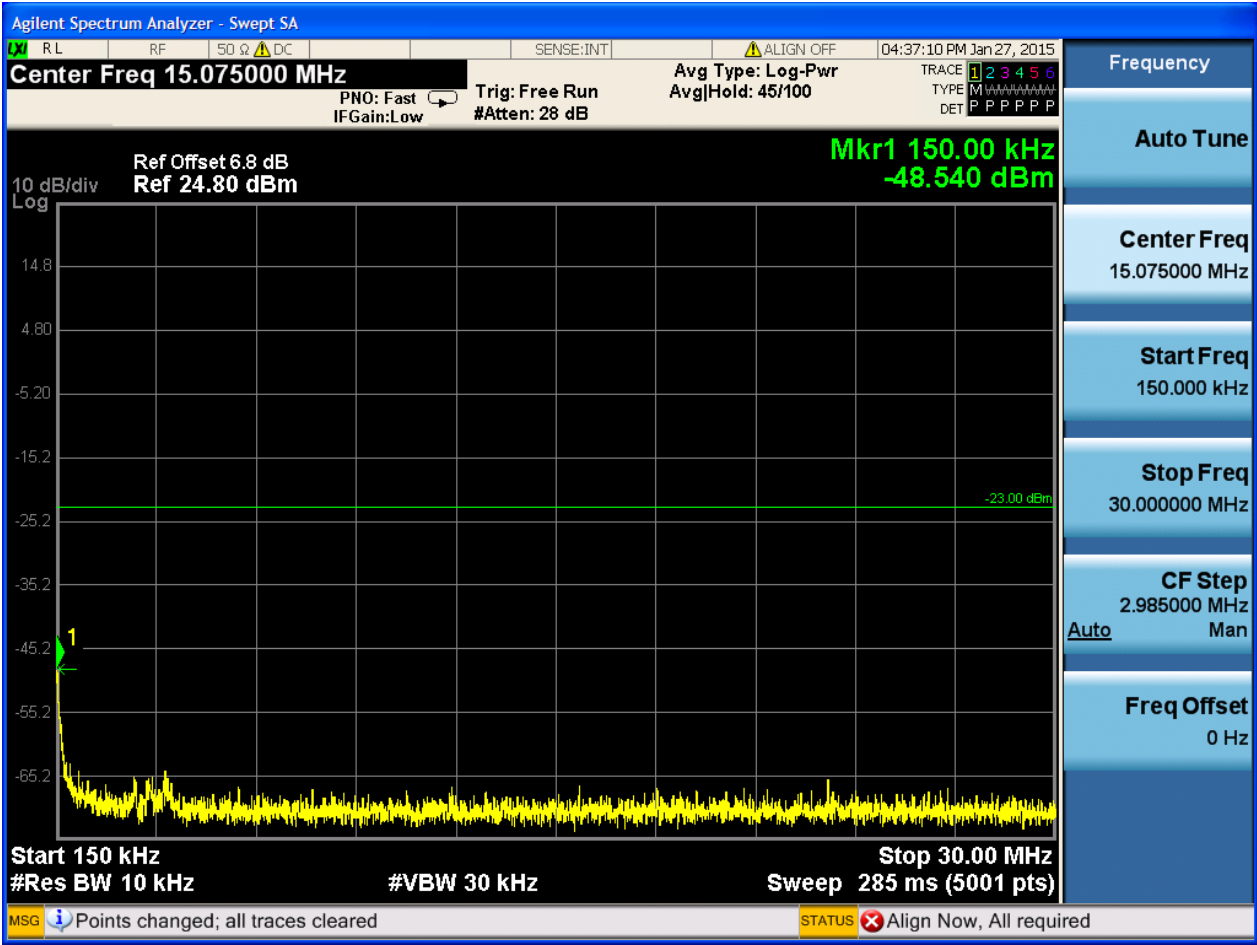


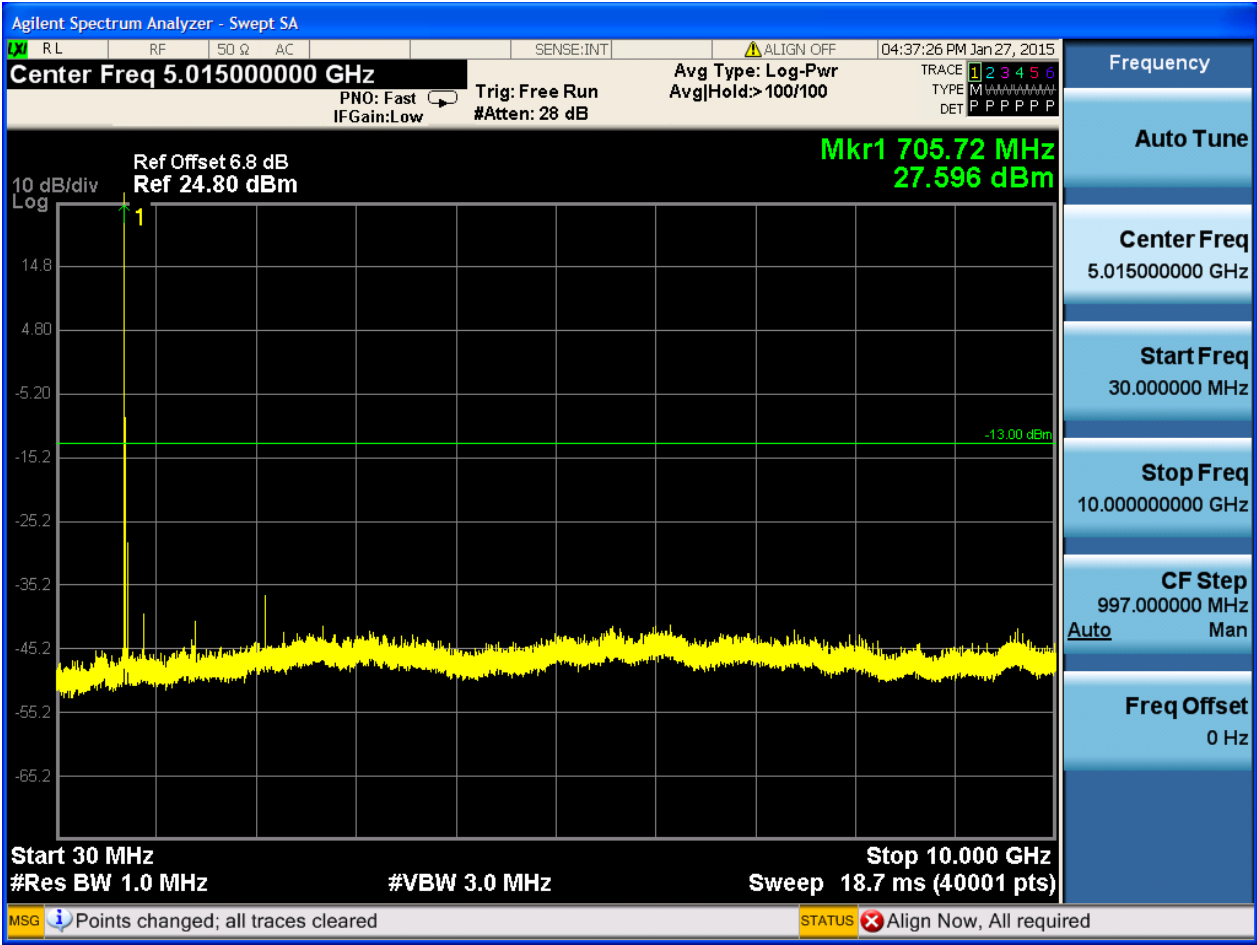


6.1.6.1.2.2 Test Channel = MCH

6.1.6.1.2.2.1 Test RB = RB1#0

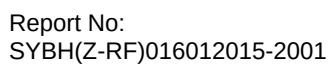


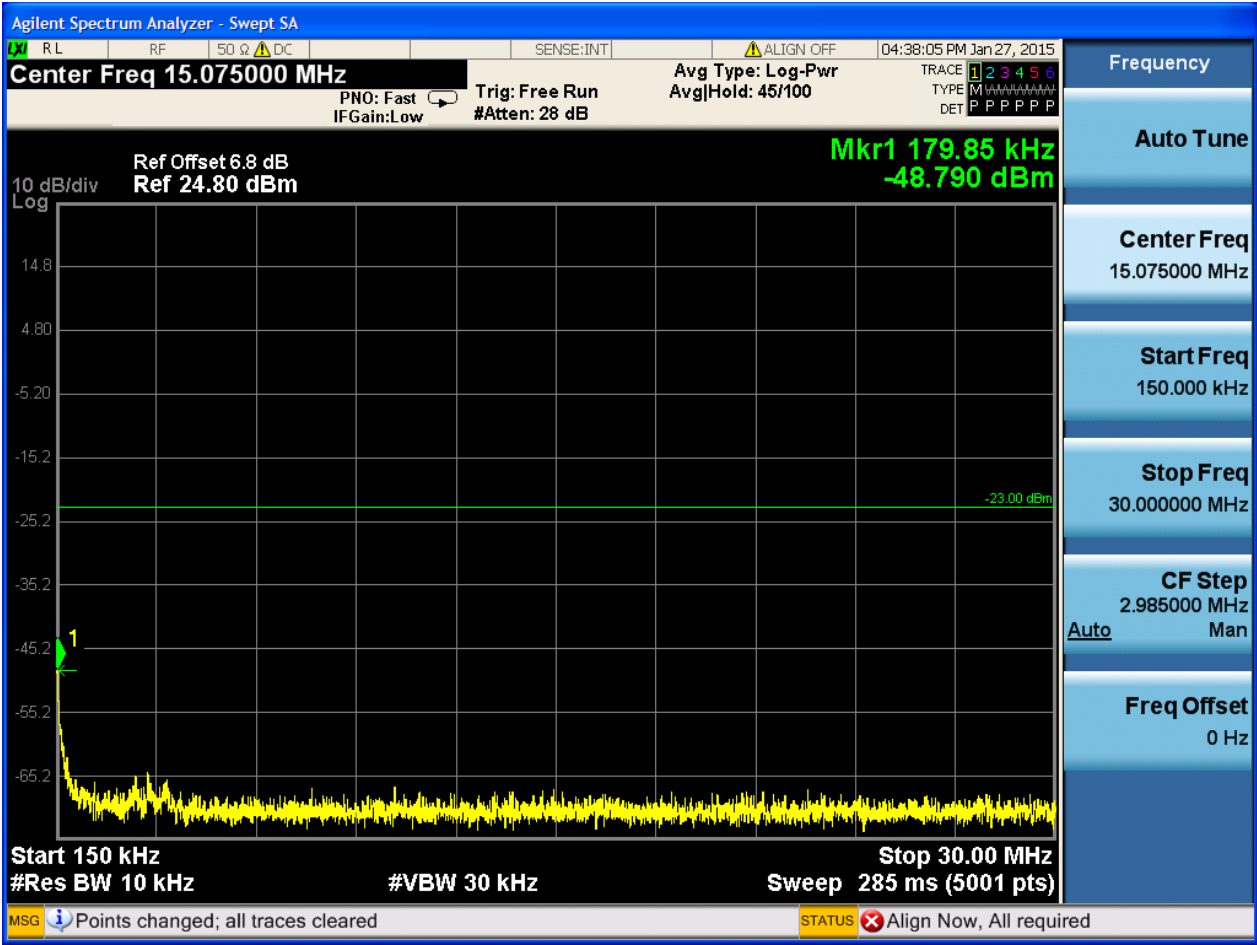


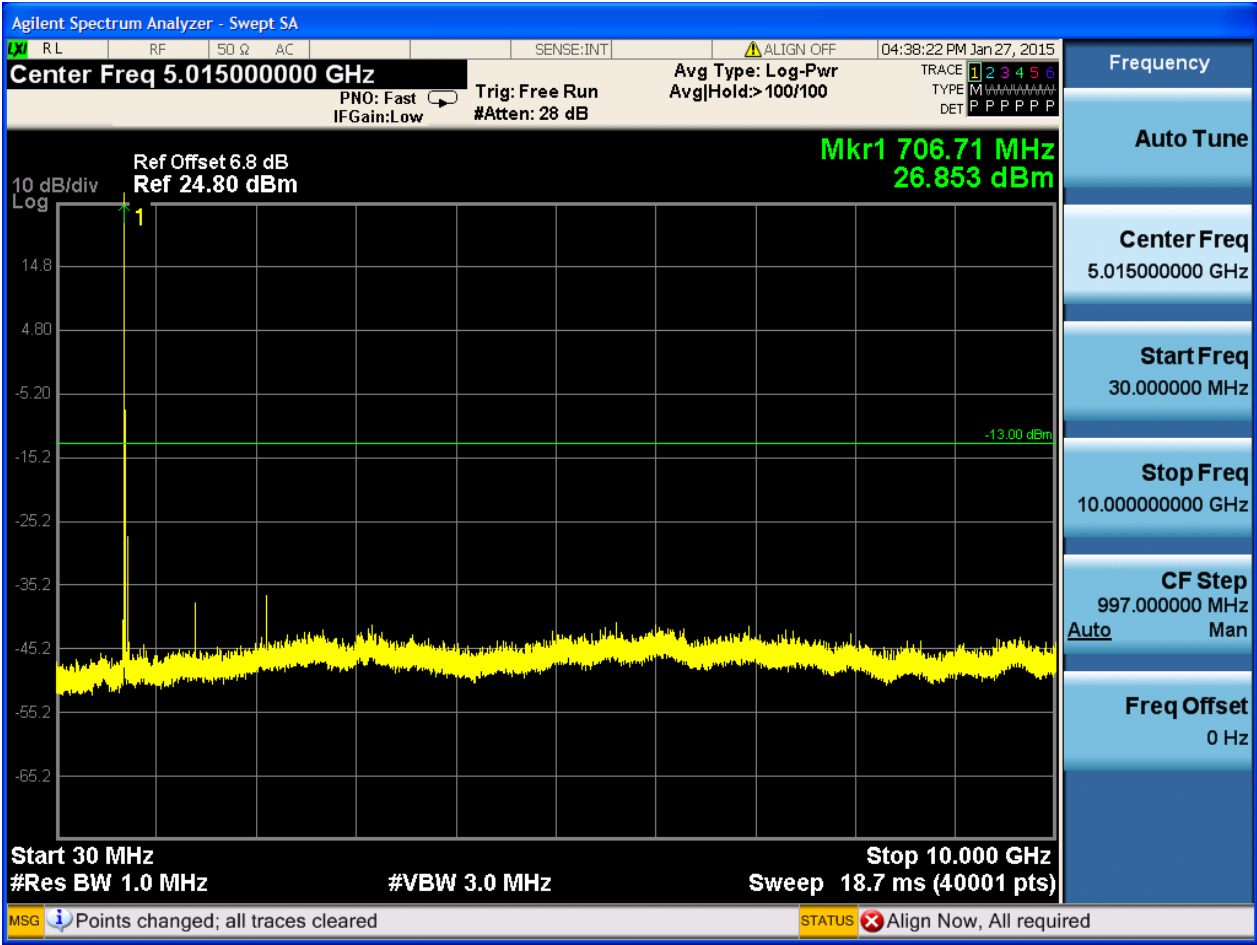




6.1.6.1.2.3.1 Test RB = RB1#0







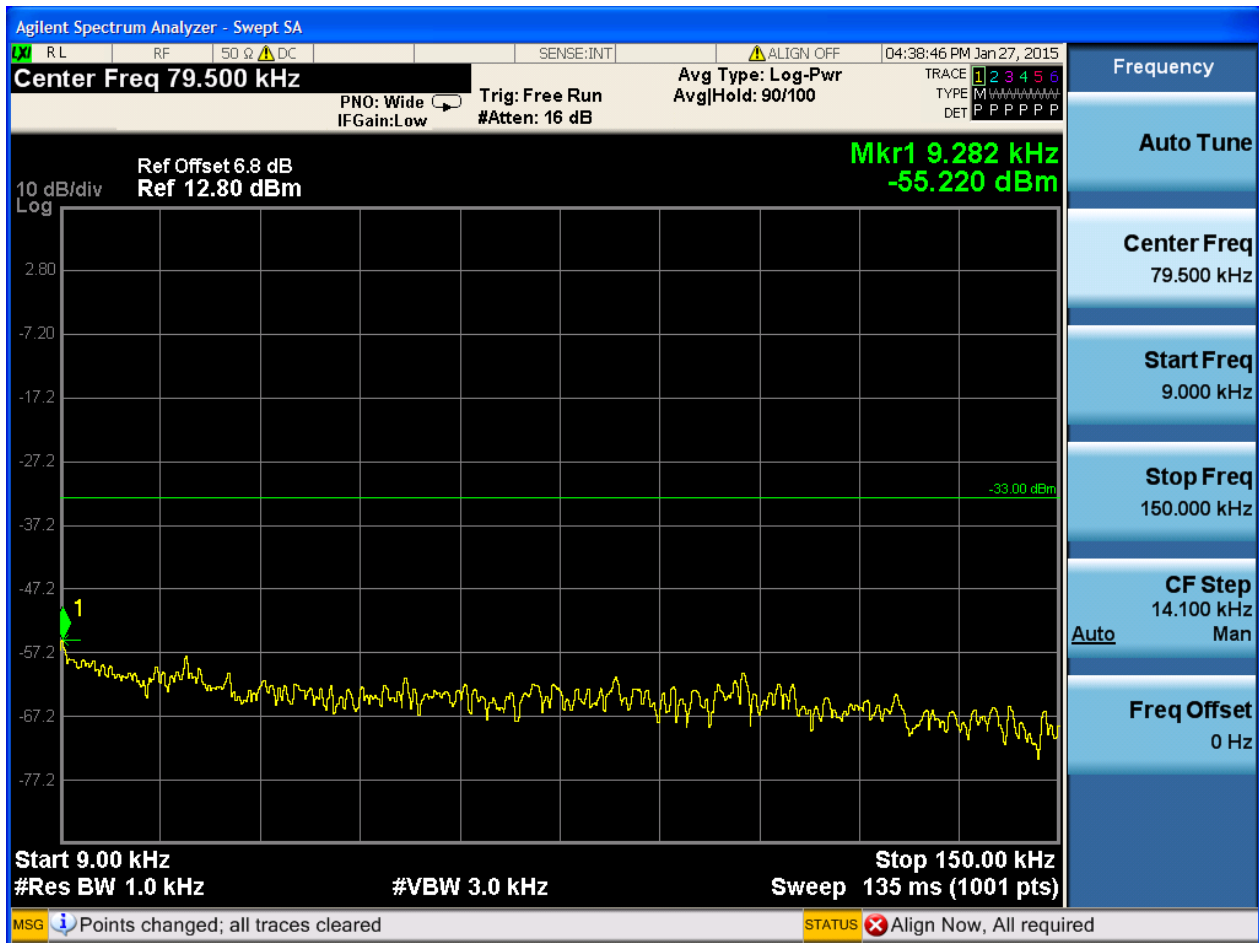


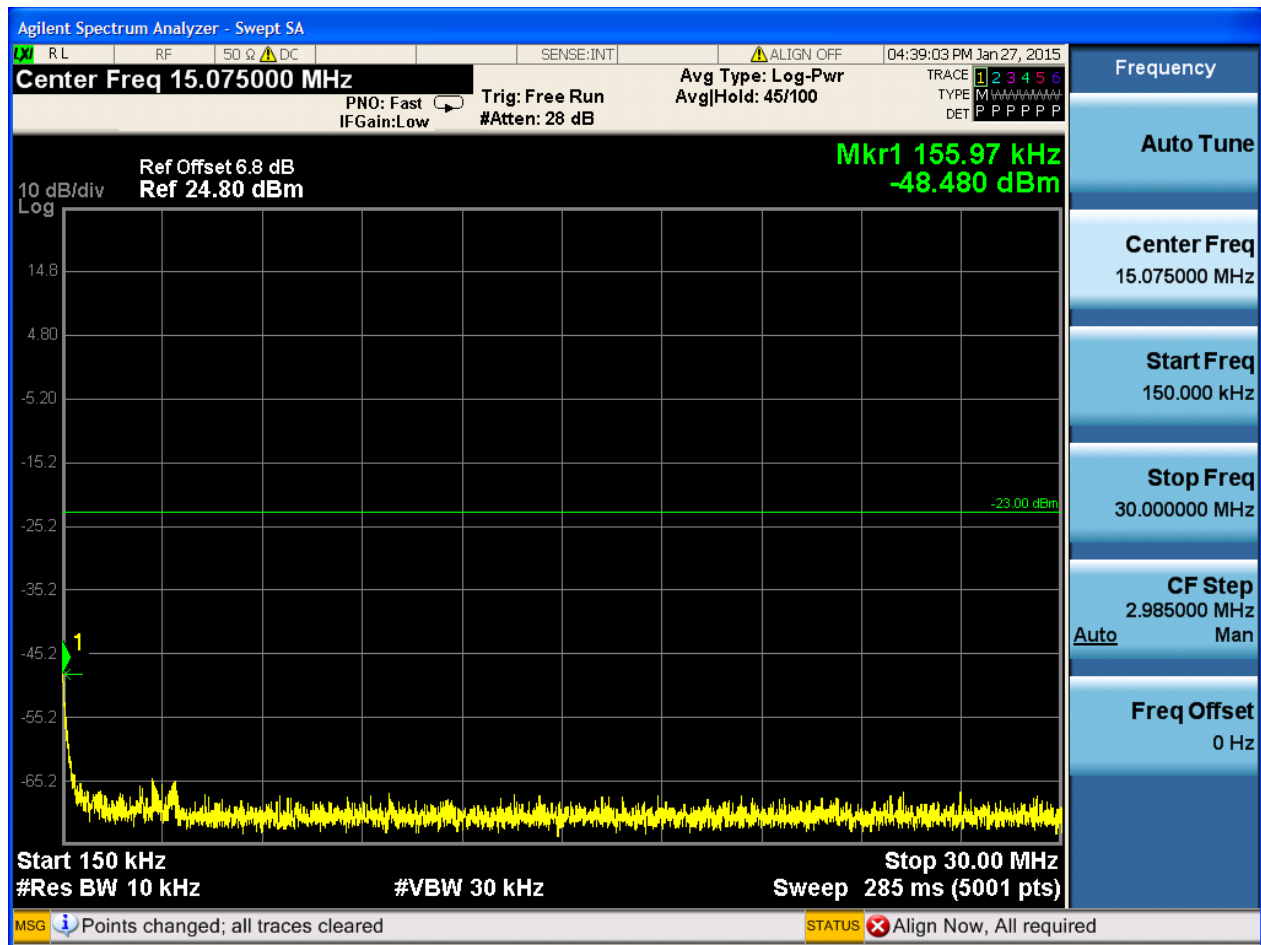
6.1.6.2 Test Mode = LTE/TM2

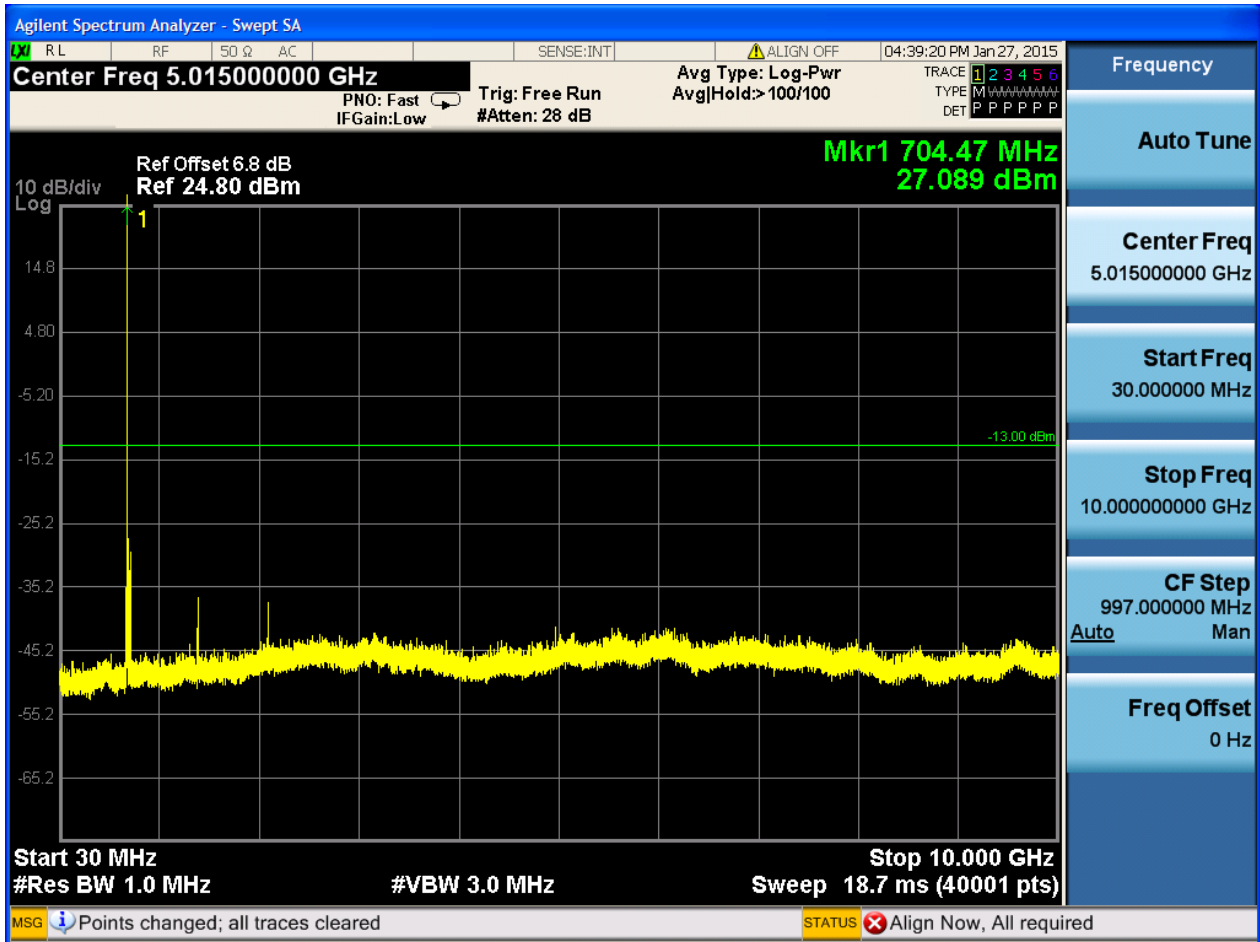
6.1.6.2.1 Test Bandwidth = 5

6.1.6.2.1.1 Test Channel = LCH

6.1.6.2.1.1.1 Test RB = RB1#0



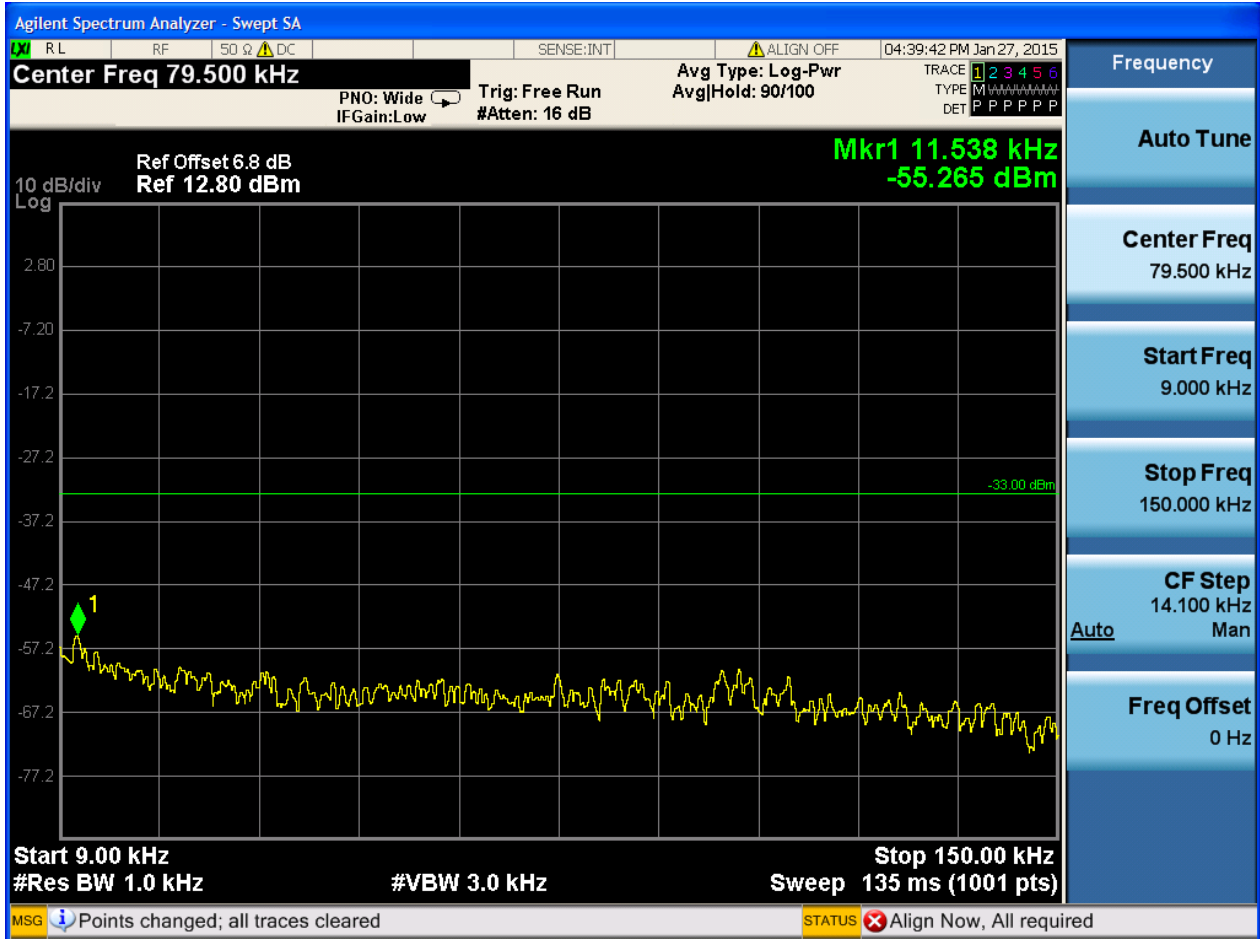


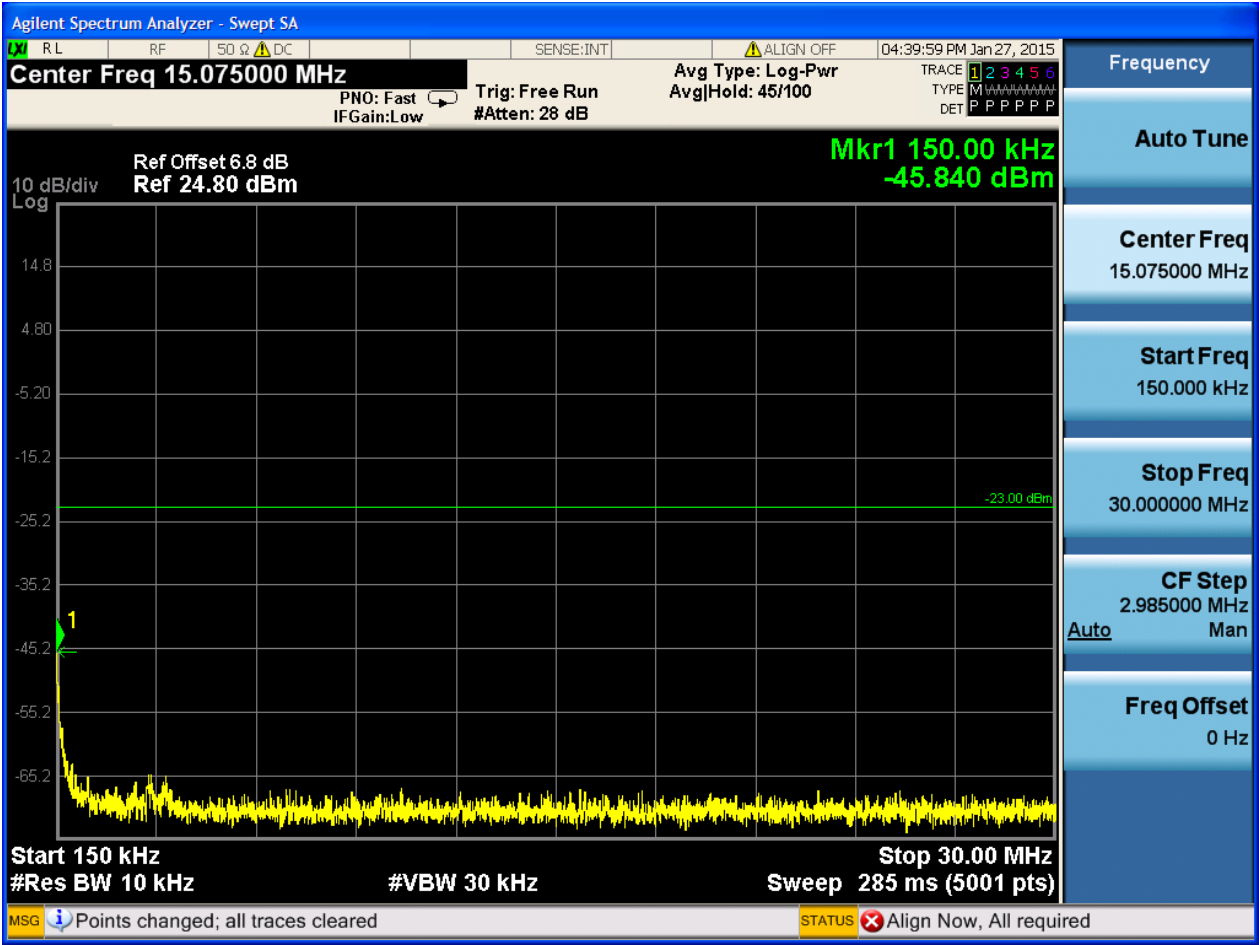


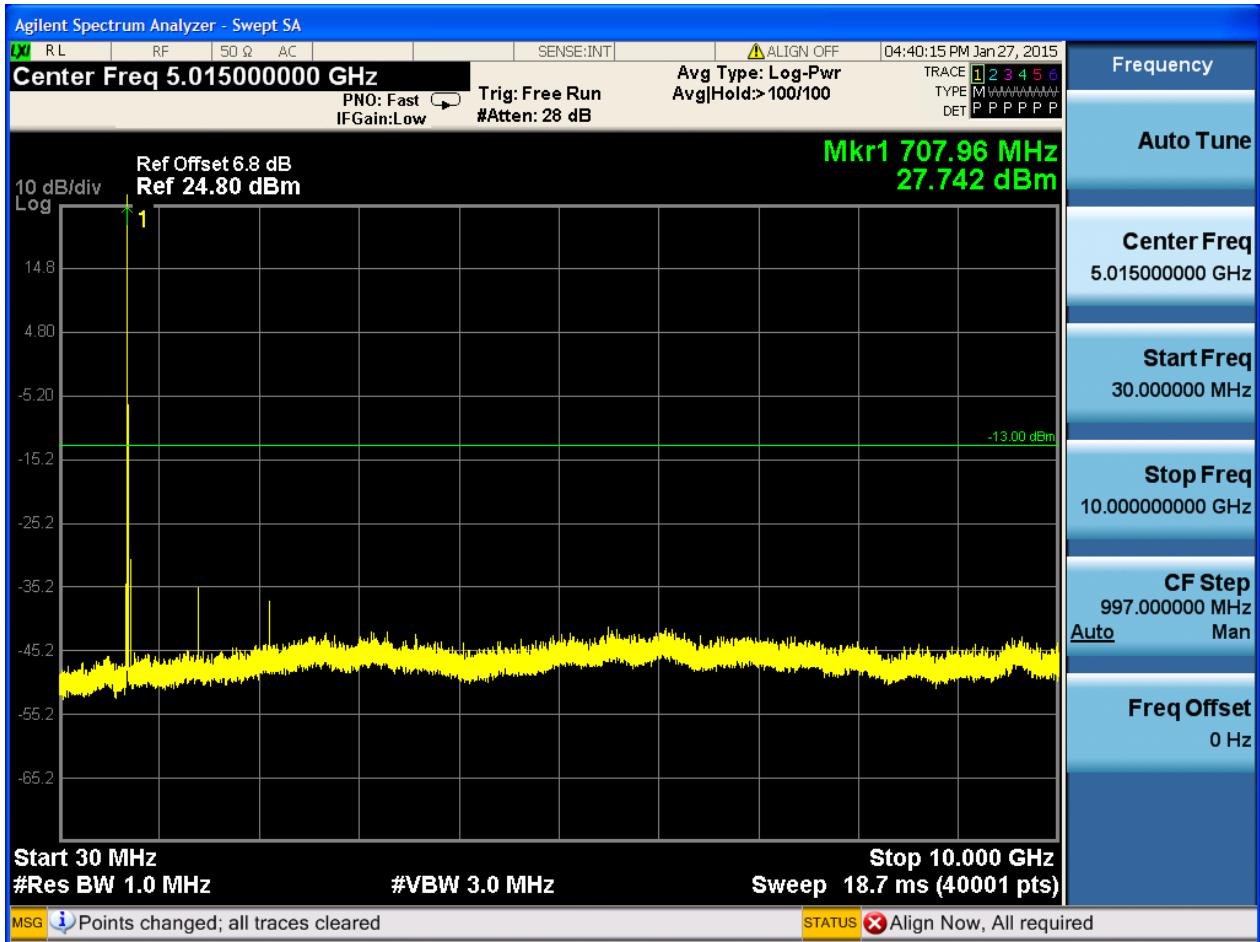


6.1.6.2.1.2 Test Channel = MCH

6.1.6.2.1.2.1 Test RB = RB1#0



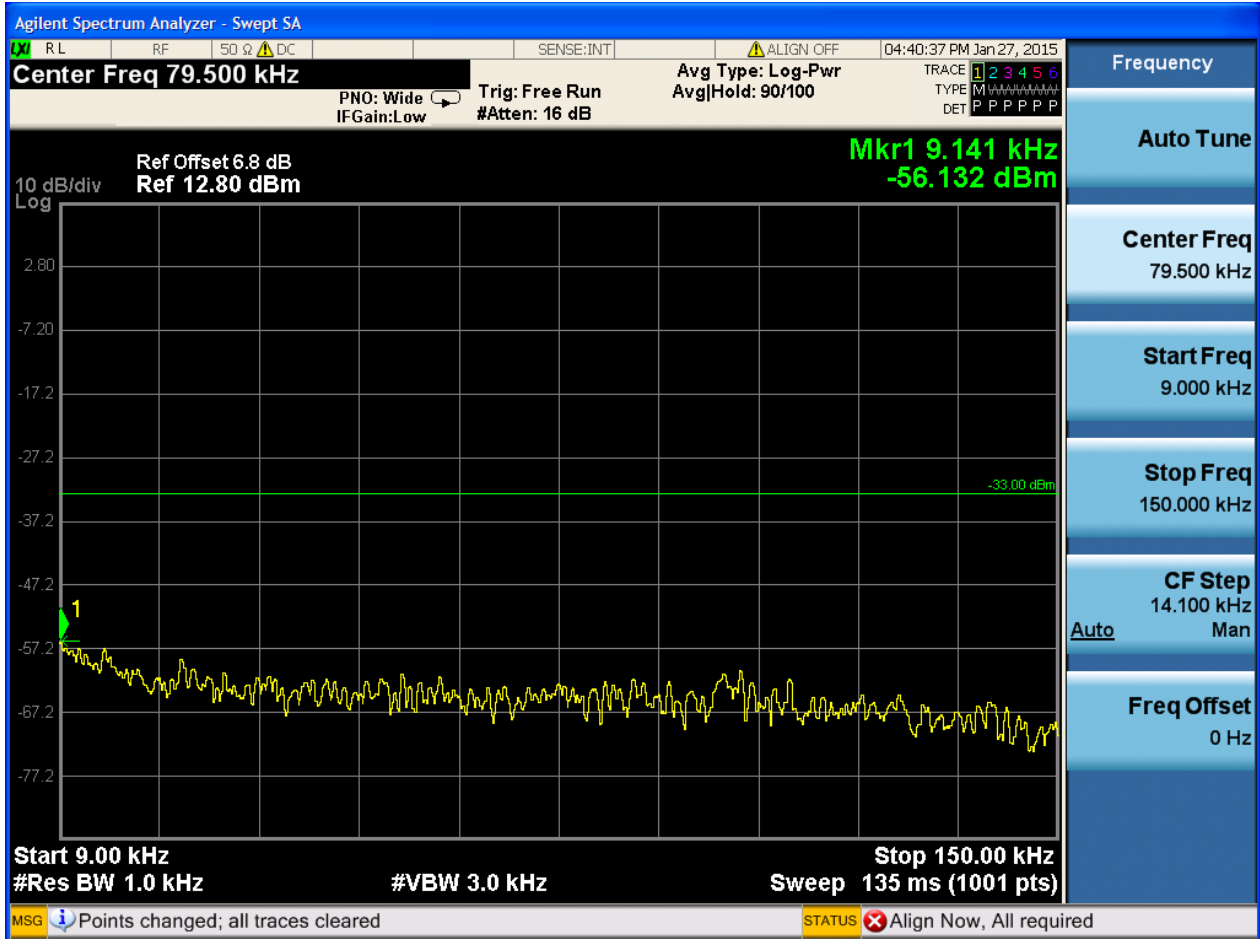


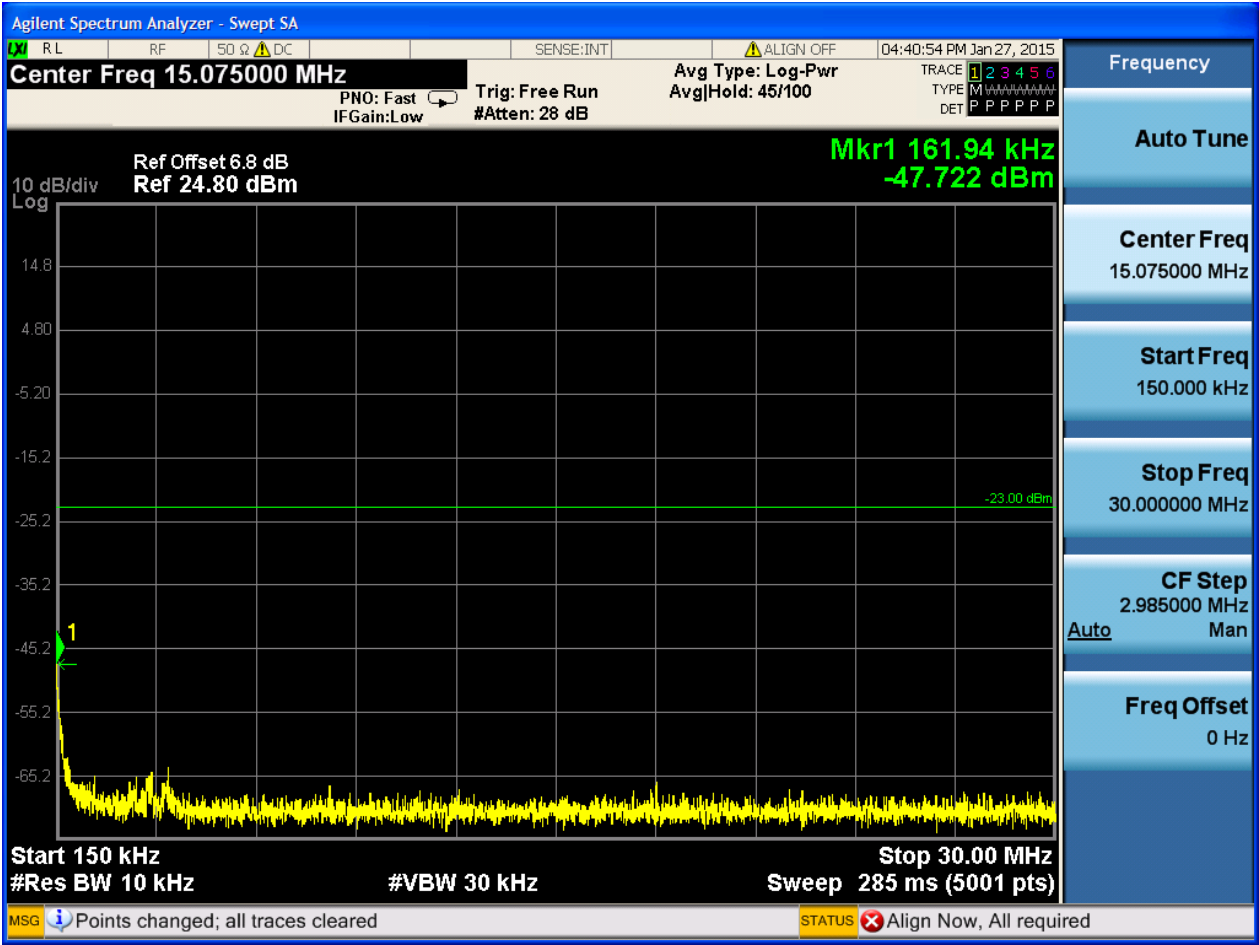


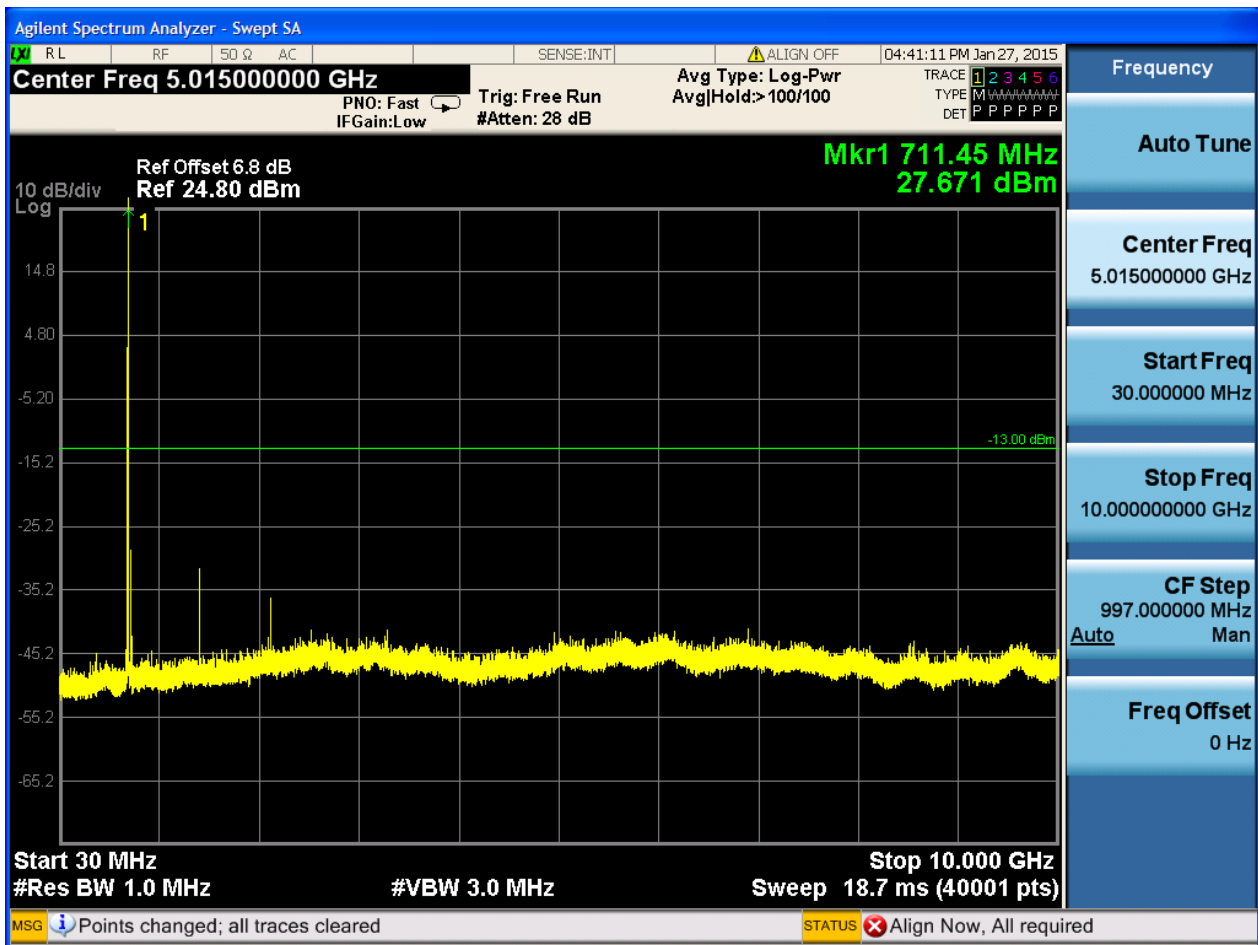


6.1.6.2.1.3 Test Channel = HCH

6.1.6.2.1.3.1 Test RB = RB1#0





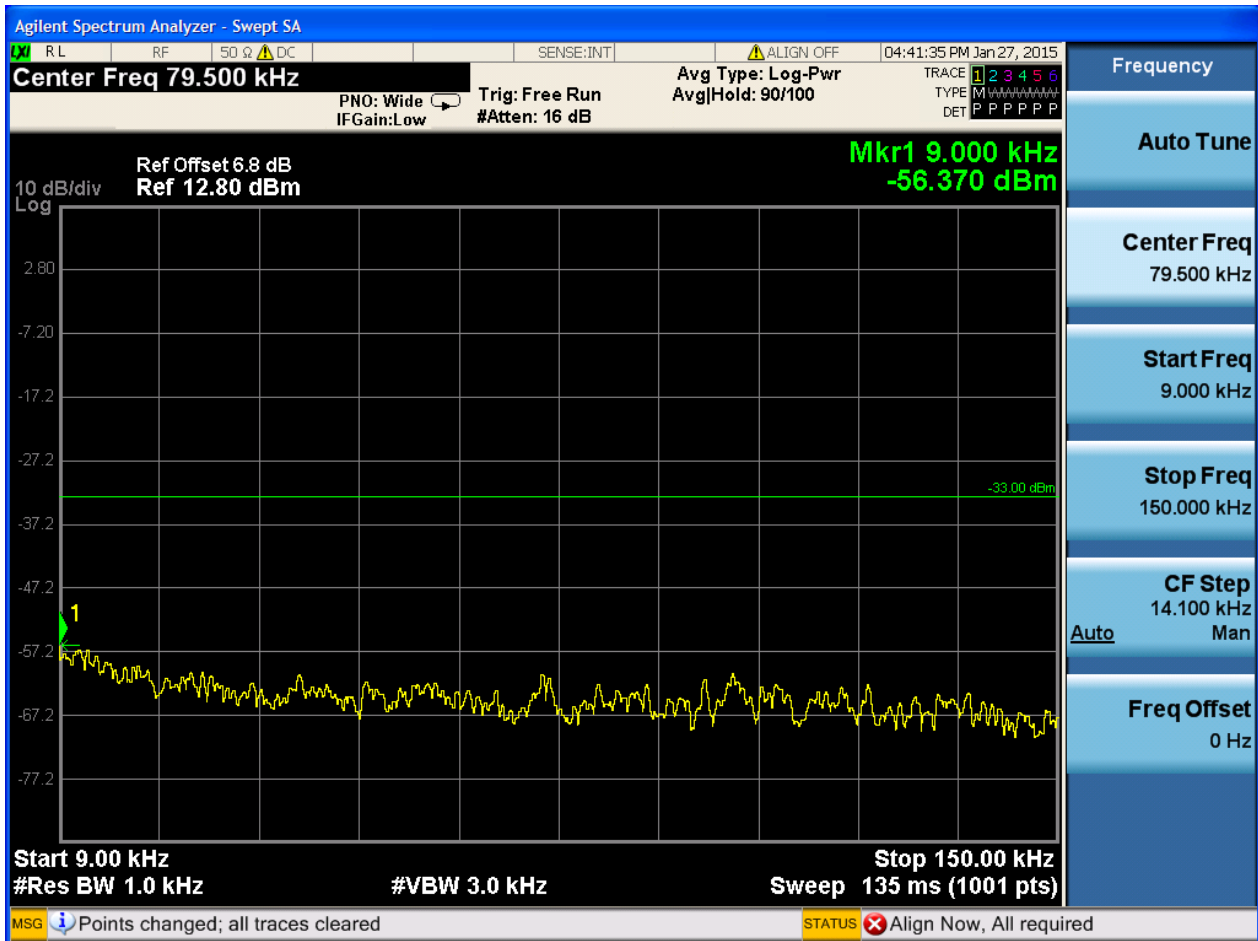


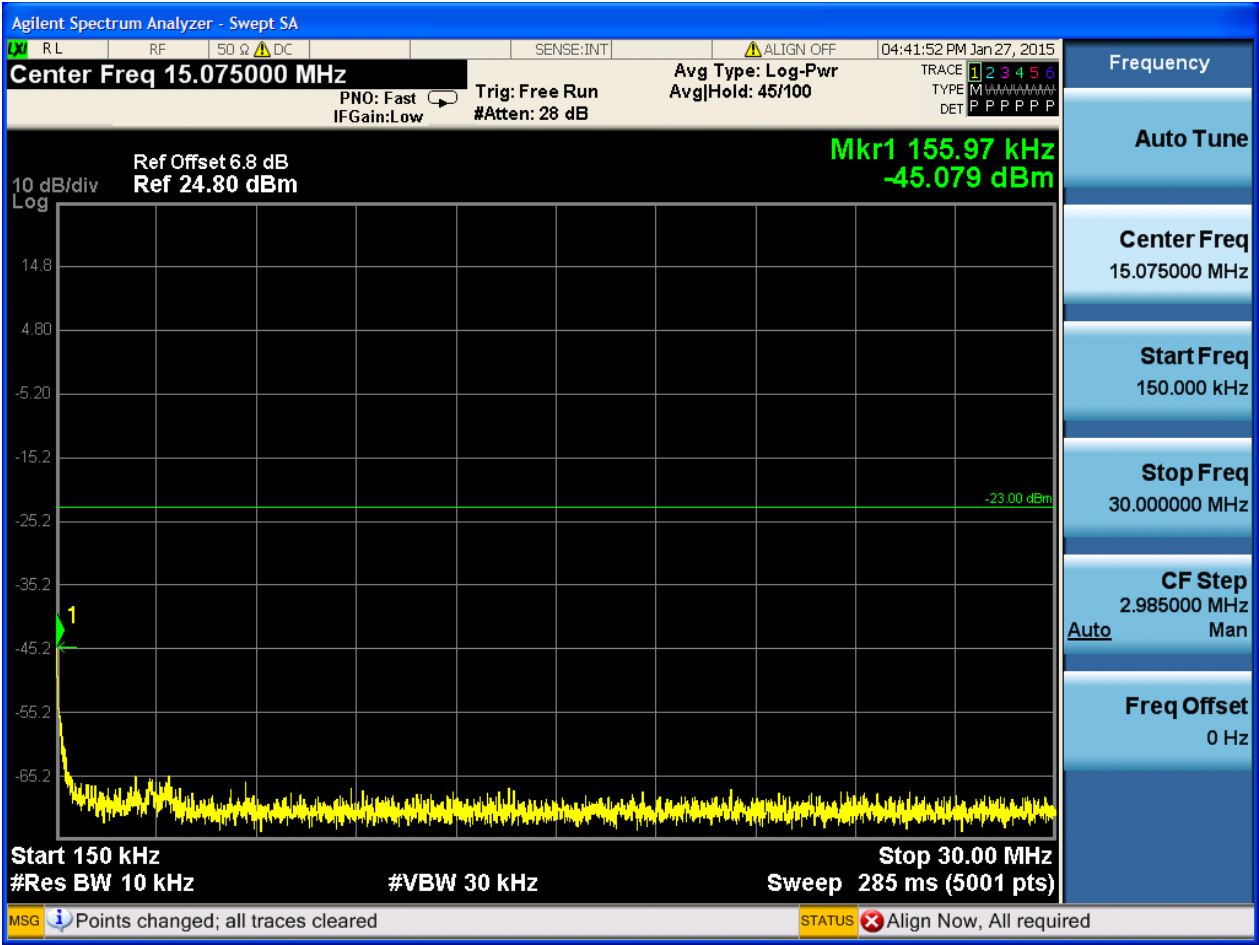


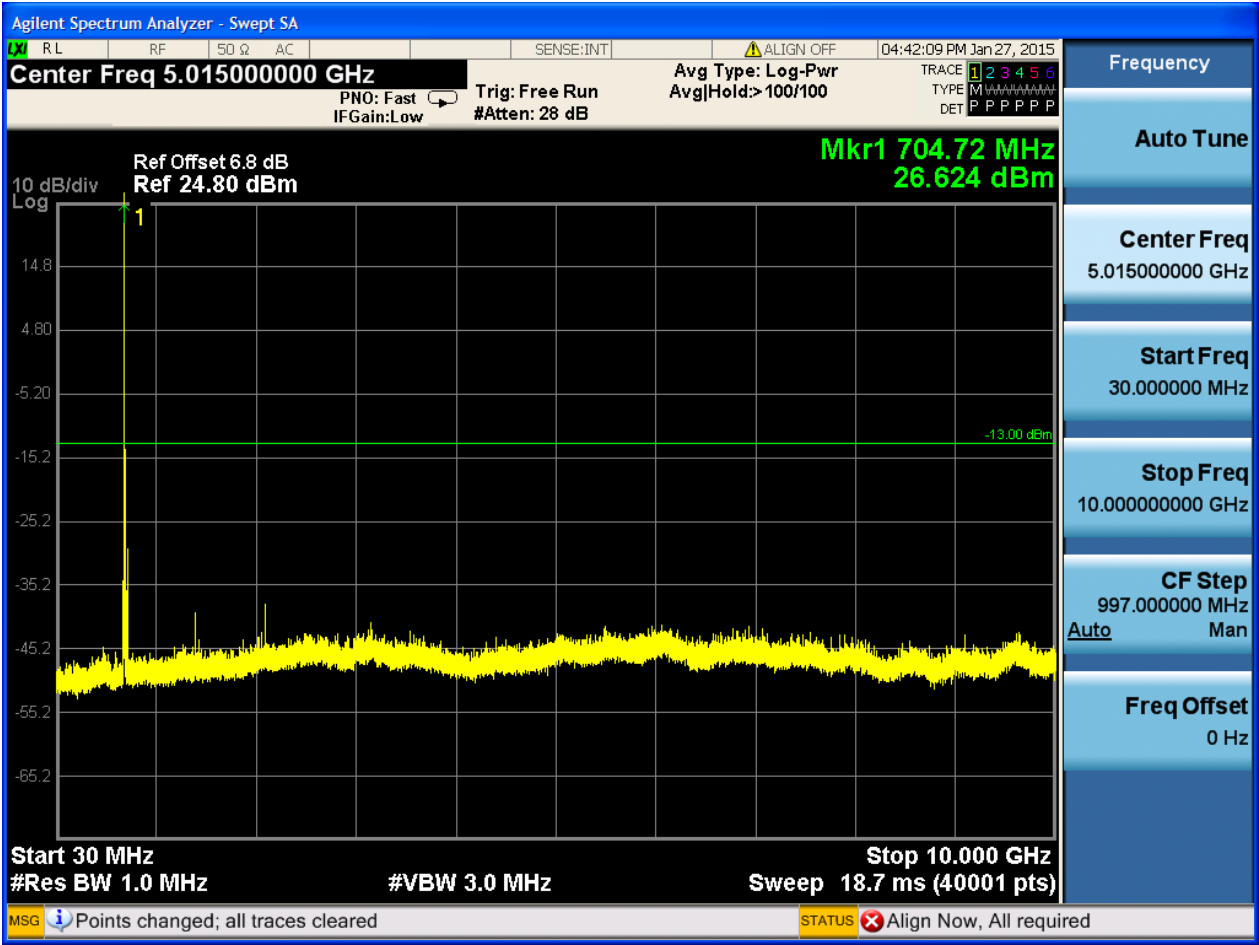
6.1.6.2.2 Test Bandwidth = 10

6.1.6.2.2.1 Test Channel = LCH

6.1.6.2.2.1.1 Test RB = RB1#0



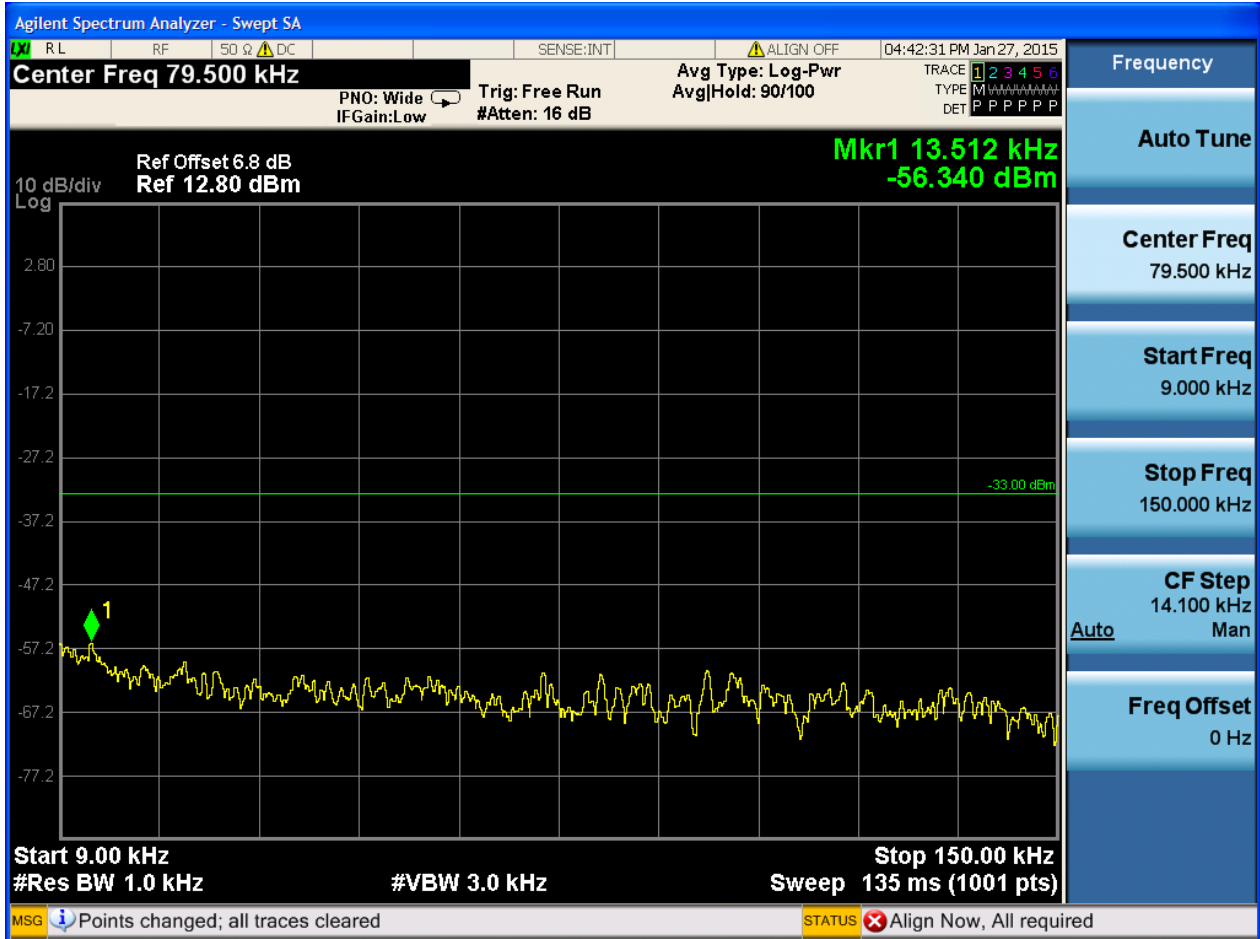


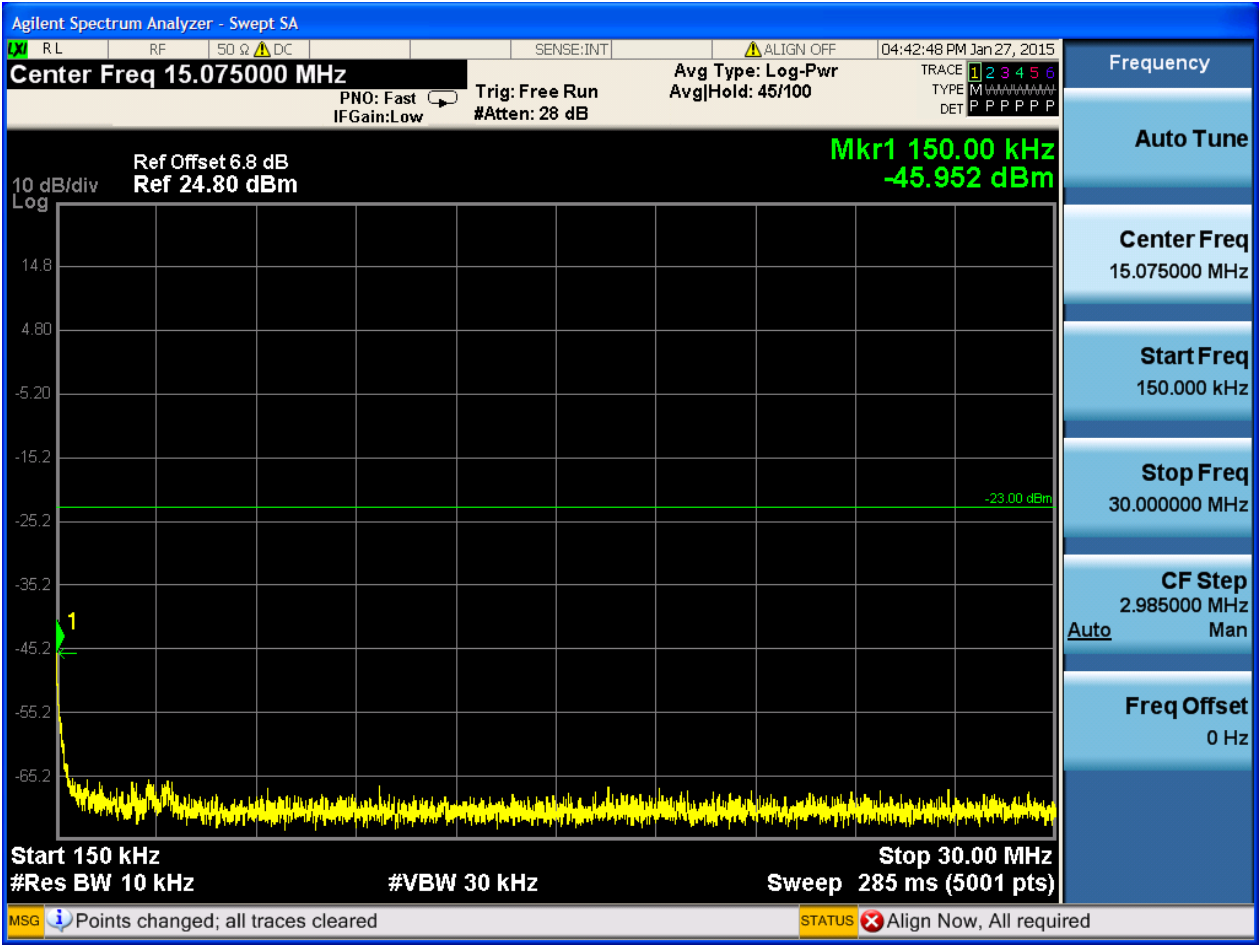


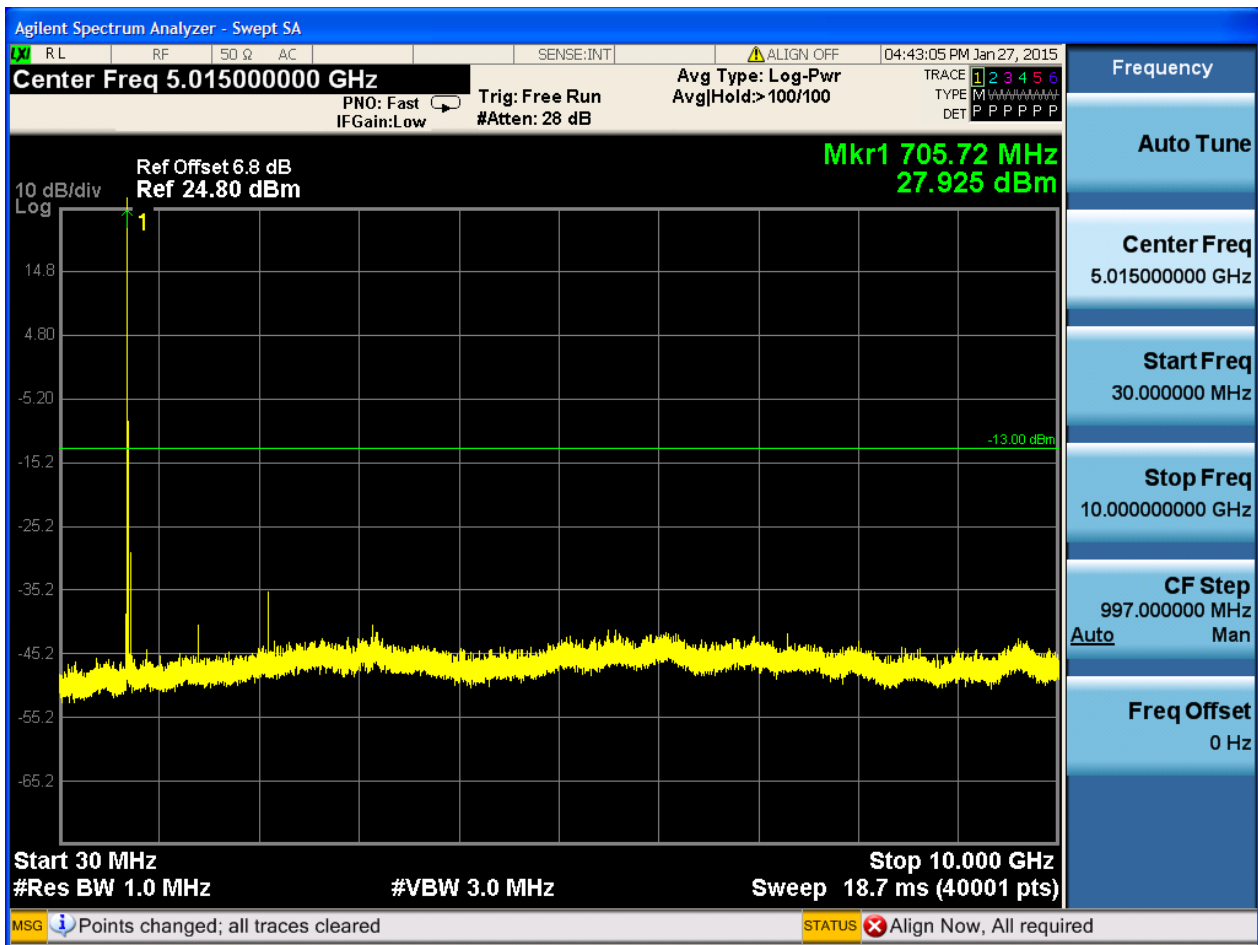


6.1.6.2.2.2 Test Channel = MCH

6.1.6.2.2.2.1 Test RB = RB1#0



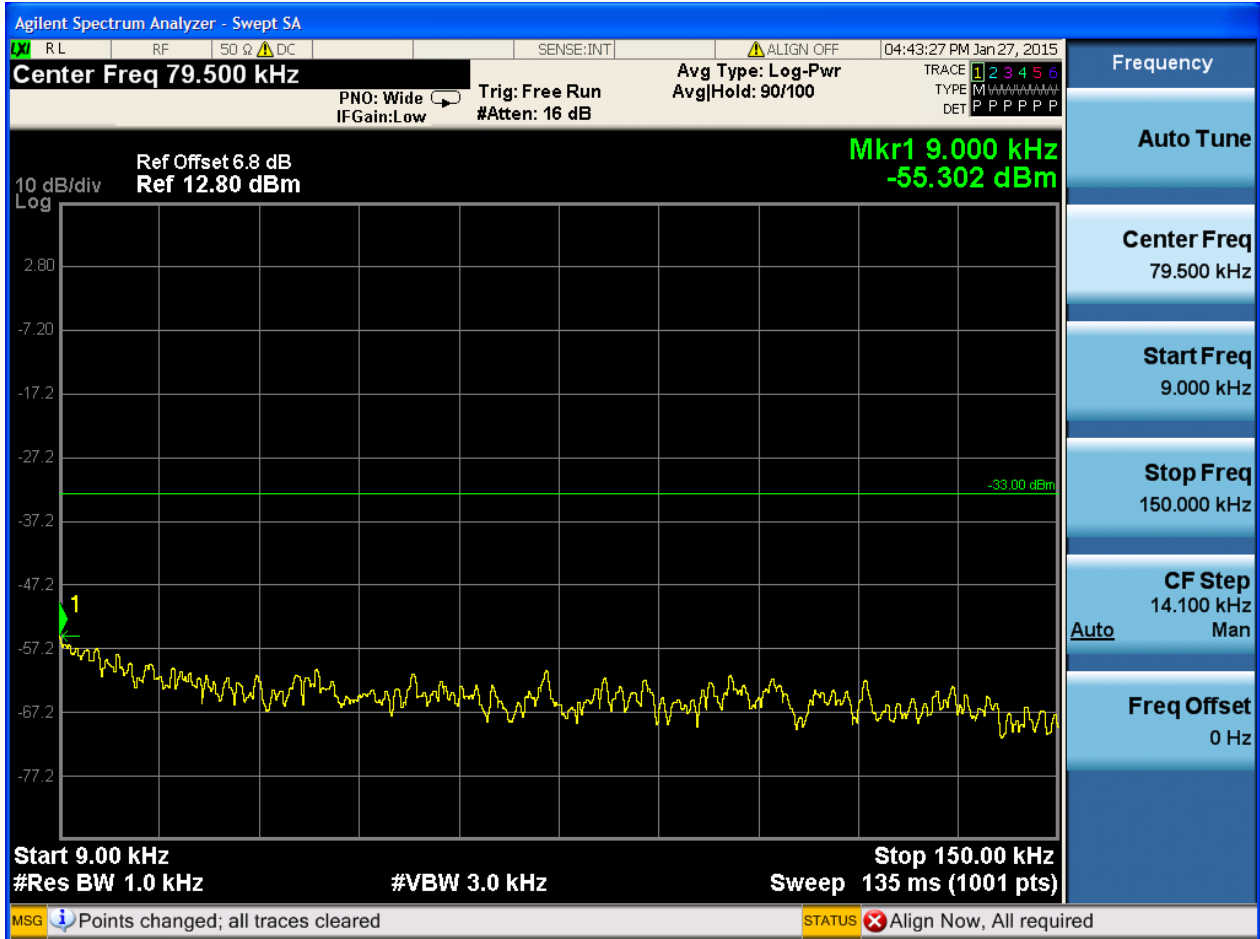


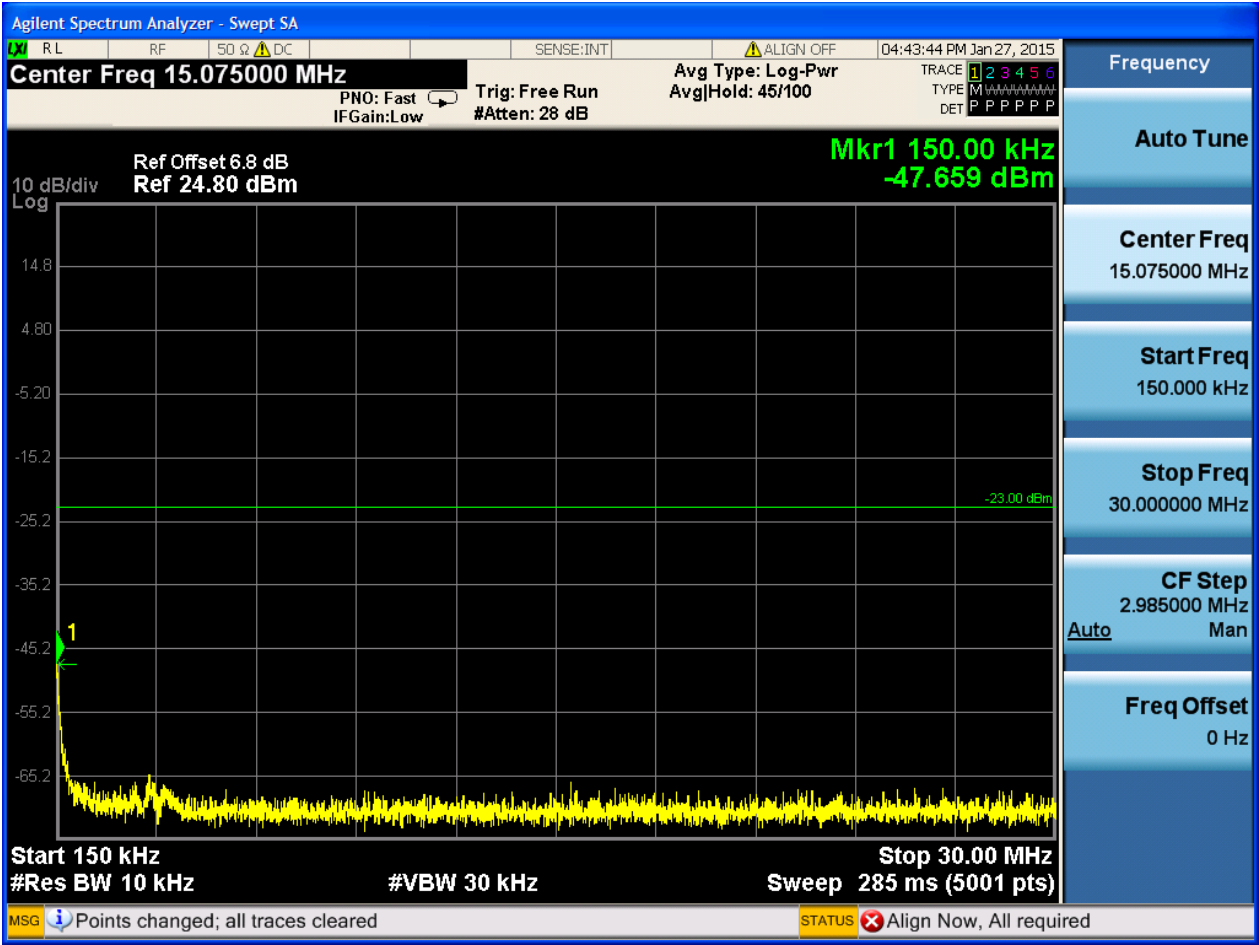


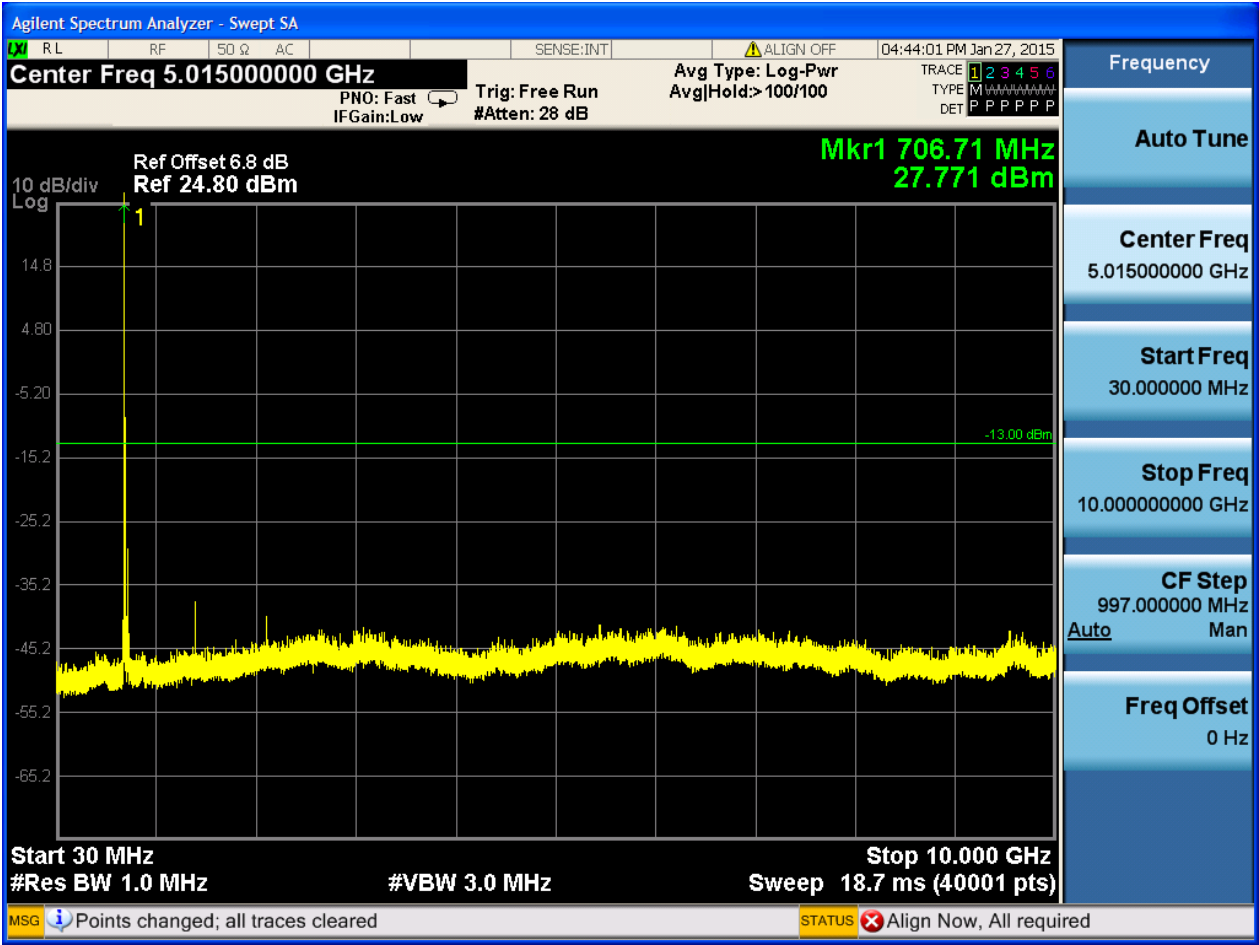


6.1.6.2.2.3 Test Channel = HCH

6.1.6.2.2.3.1 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

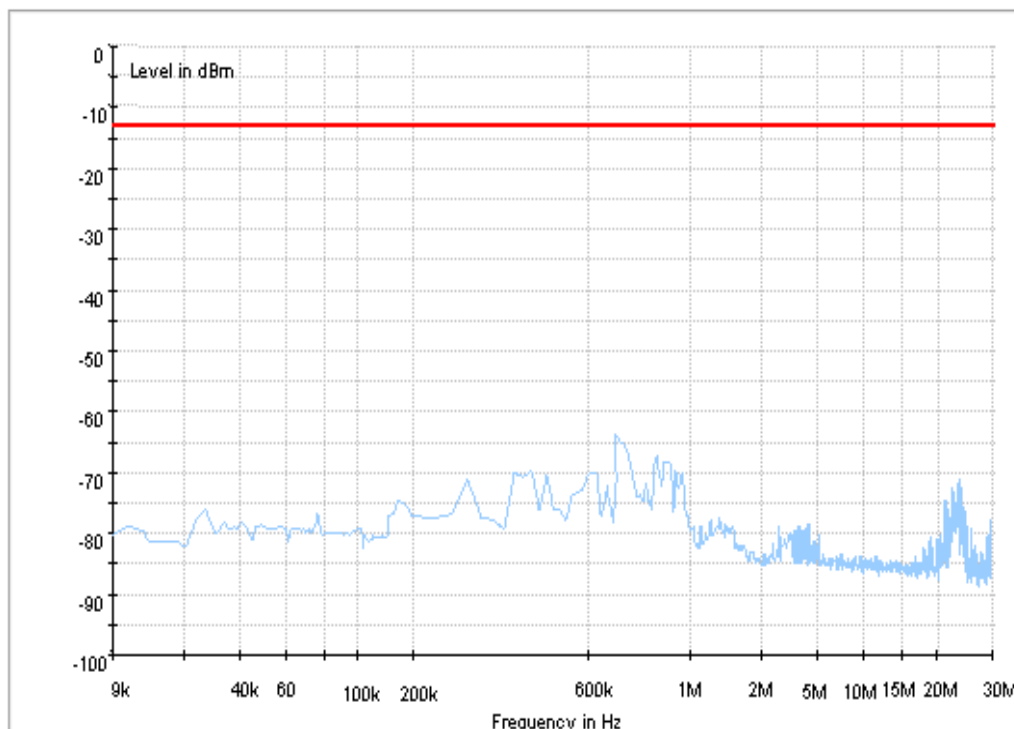
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

7.1 For LTE

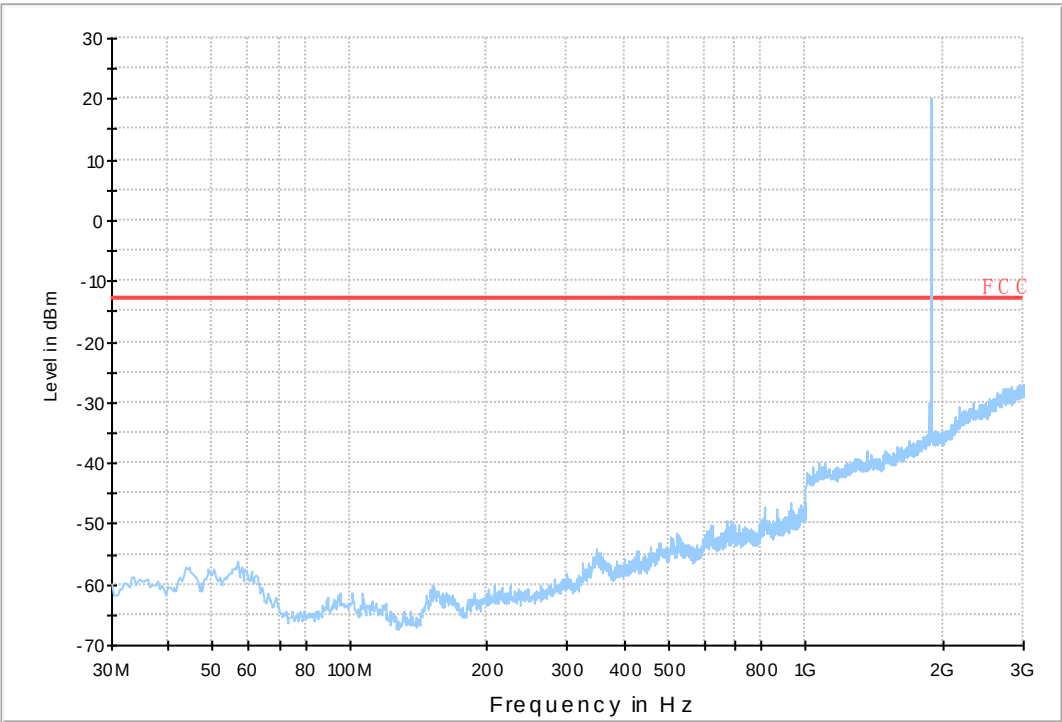
7.1.1 Test Band = BAND2

7.1.1.1 Test Bandwidth = 1.4

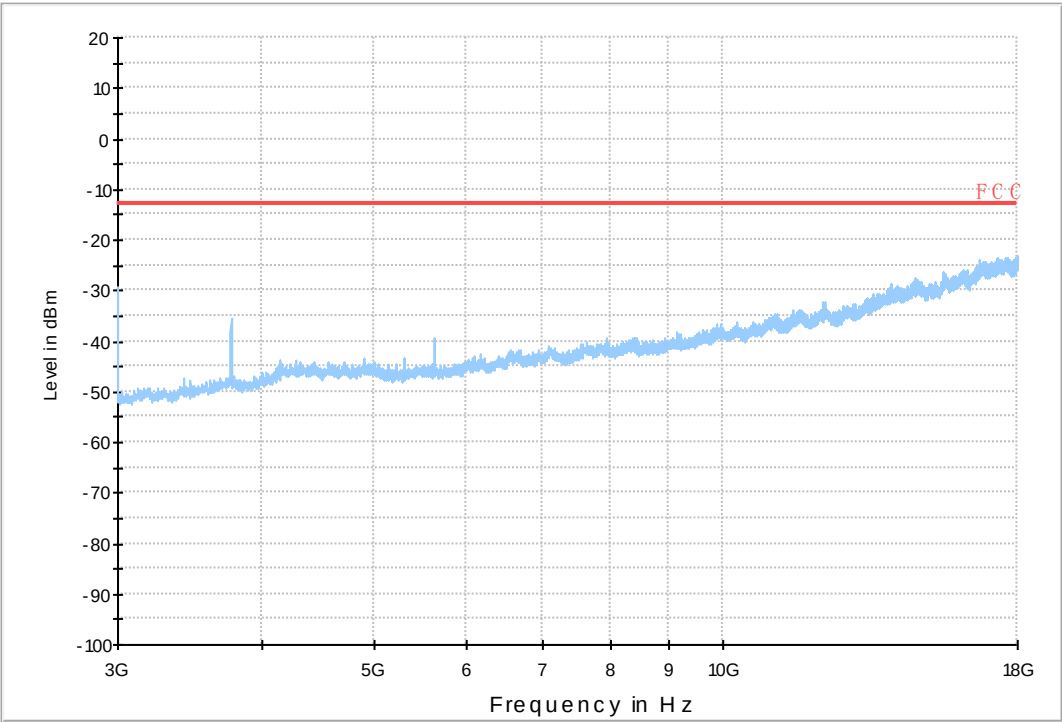


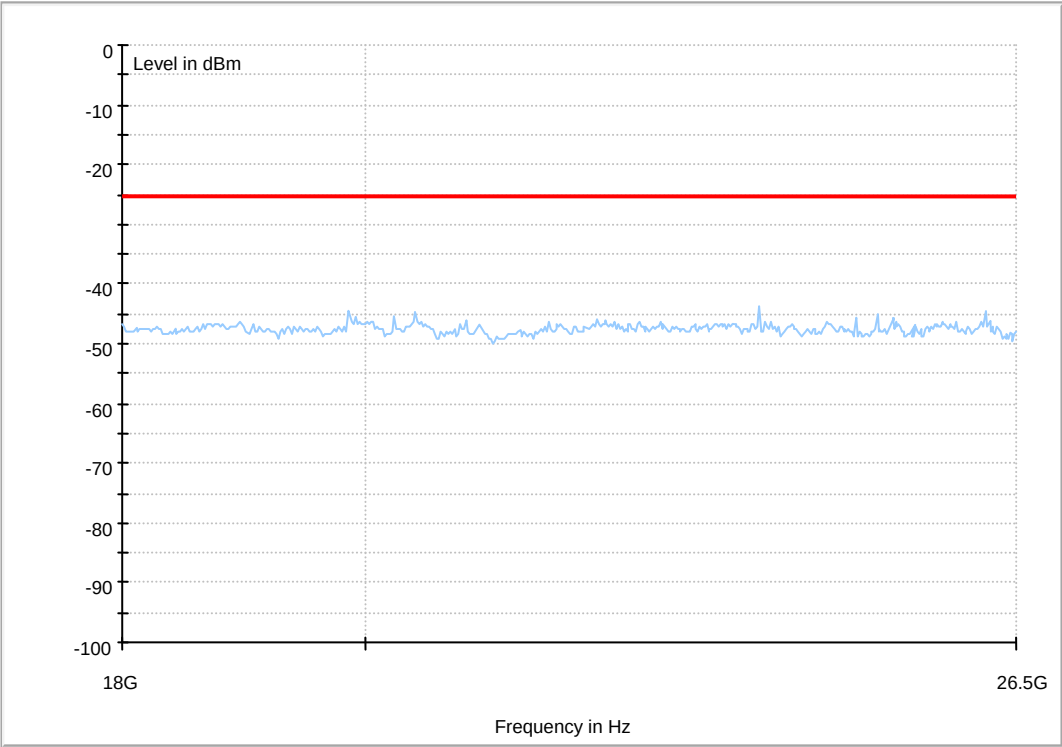


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



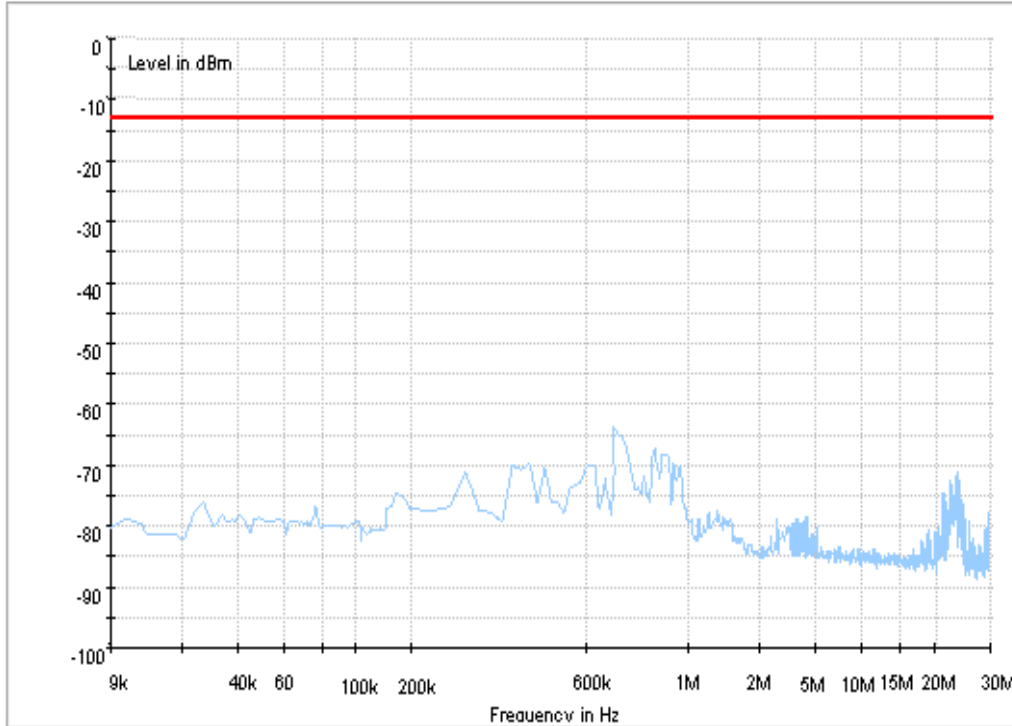
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H



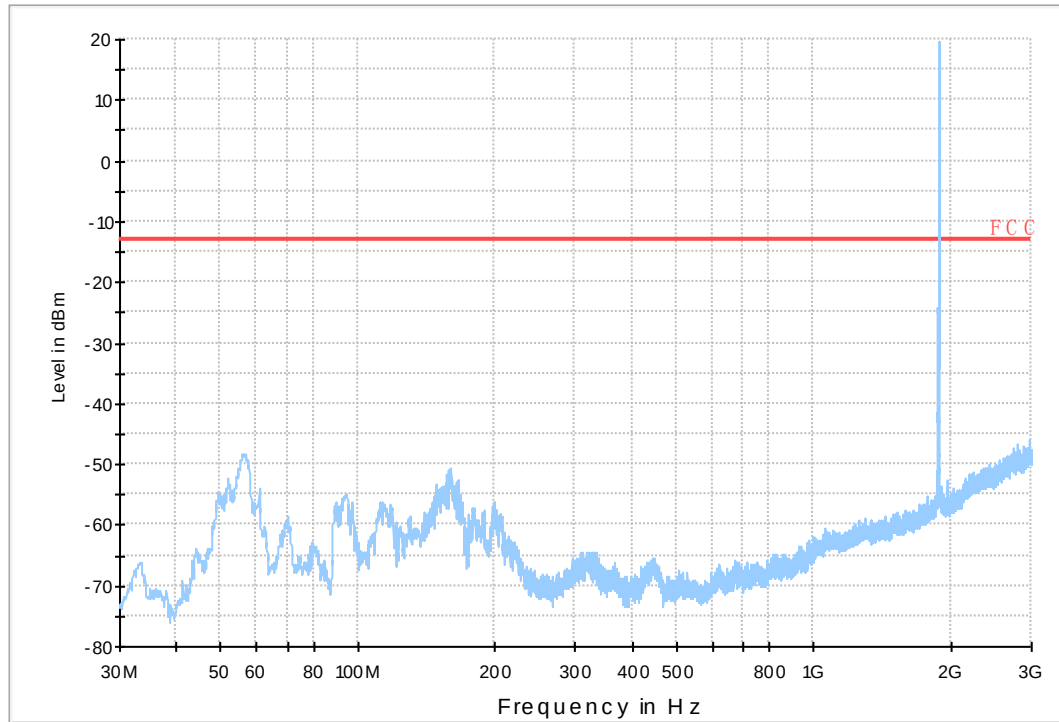




7.1.1.2 Test Bandwidth = 5

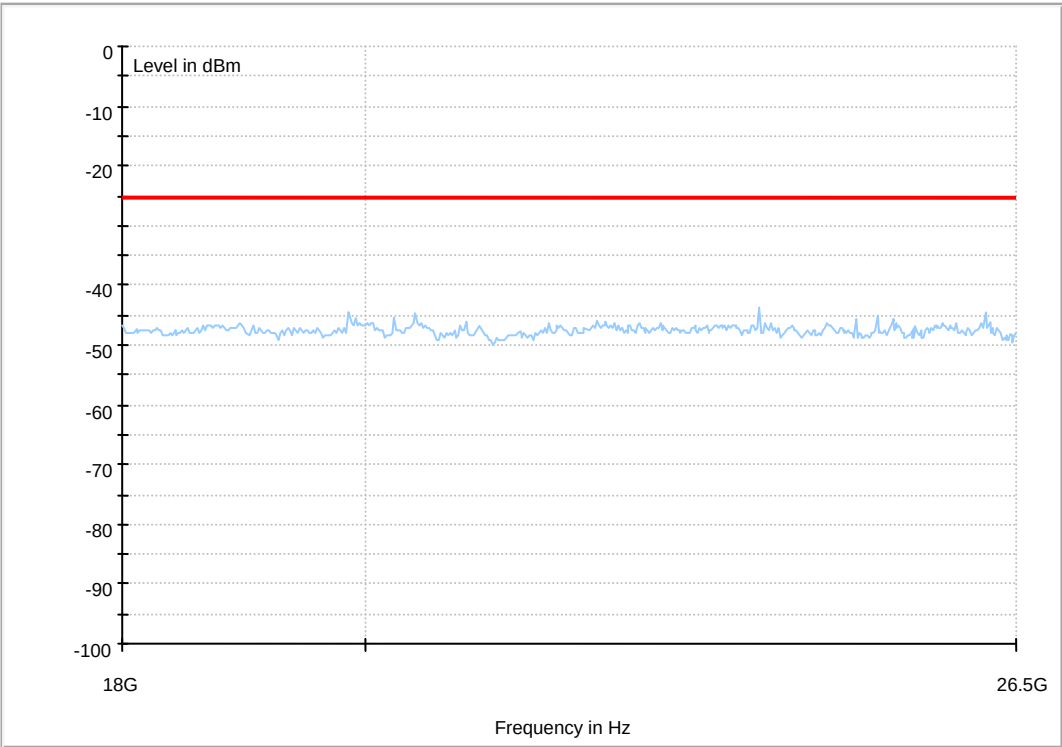
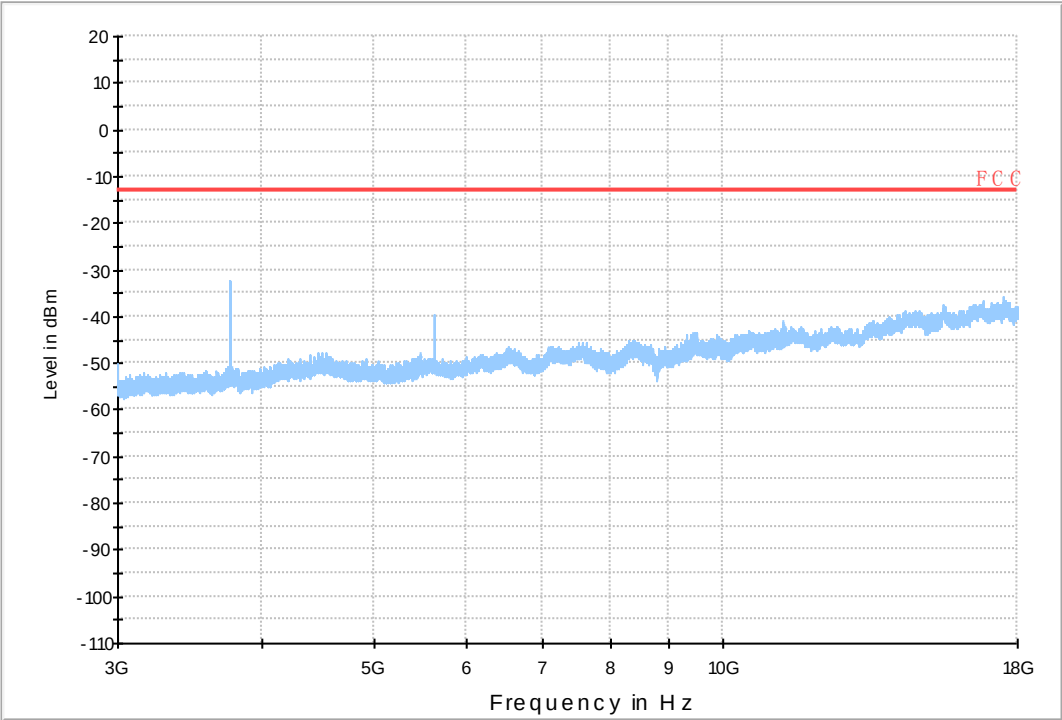


Copy of FCC PART24 LTE Band 2_L



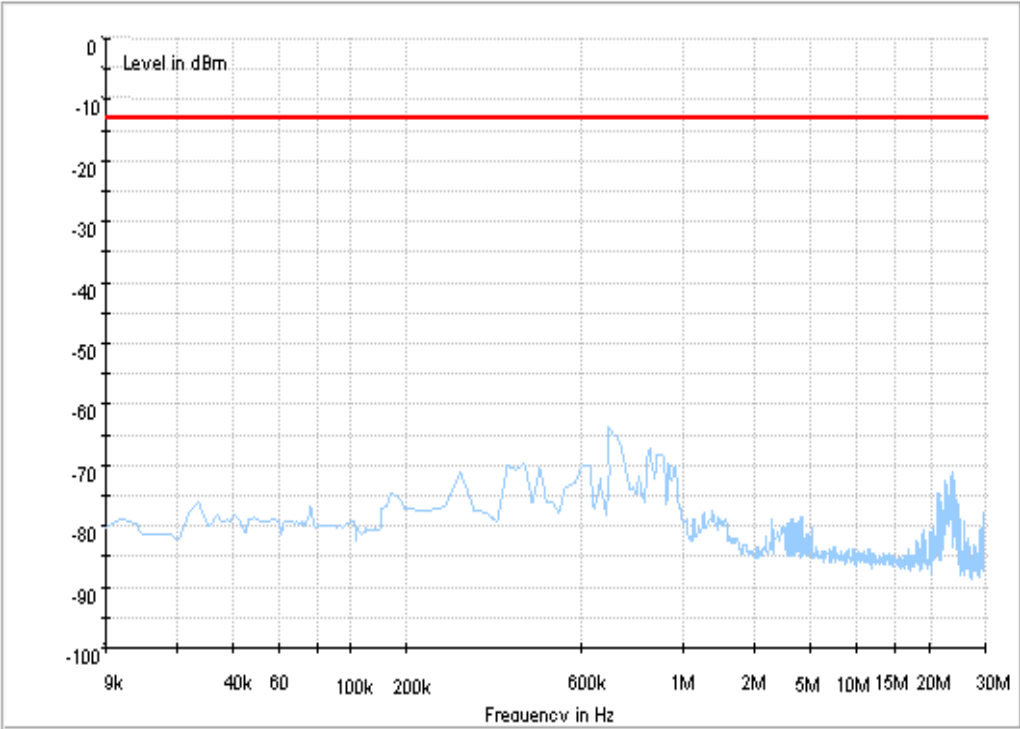


Copy of FCC PART24 LTE Band 2_H

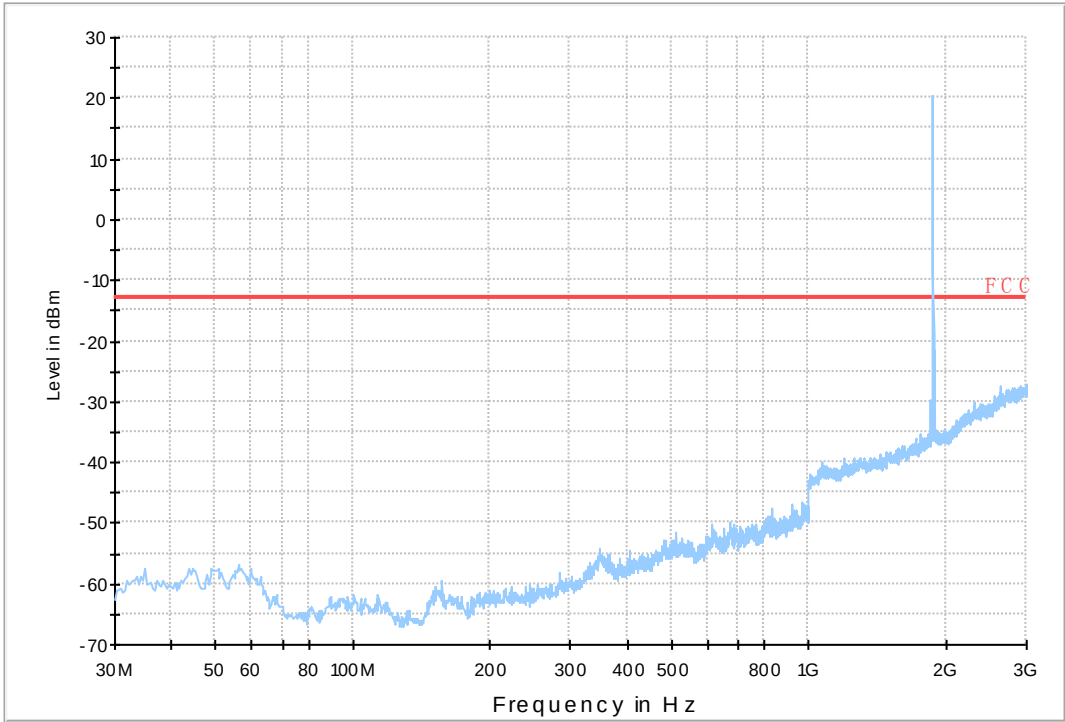




7.1.1.3 Test Bandwidth = 20

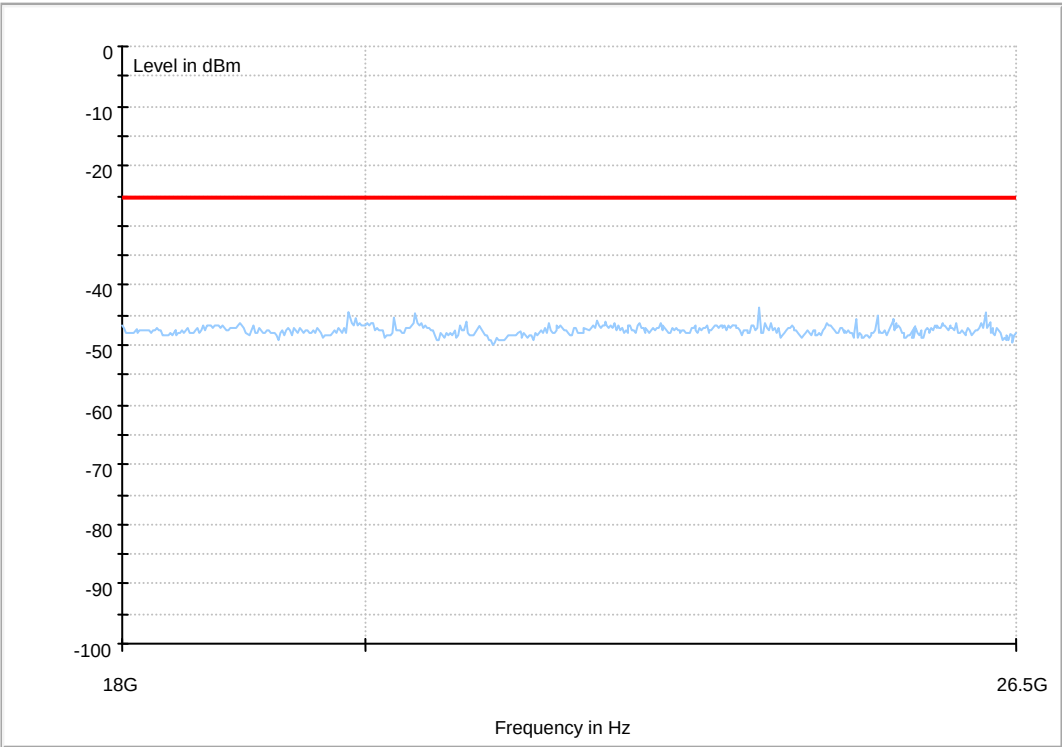
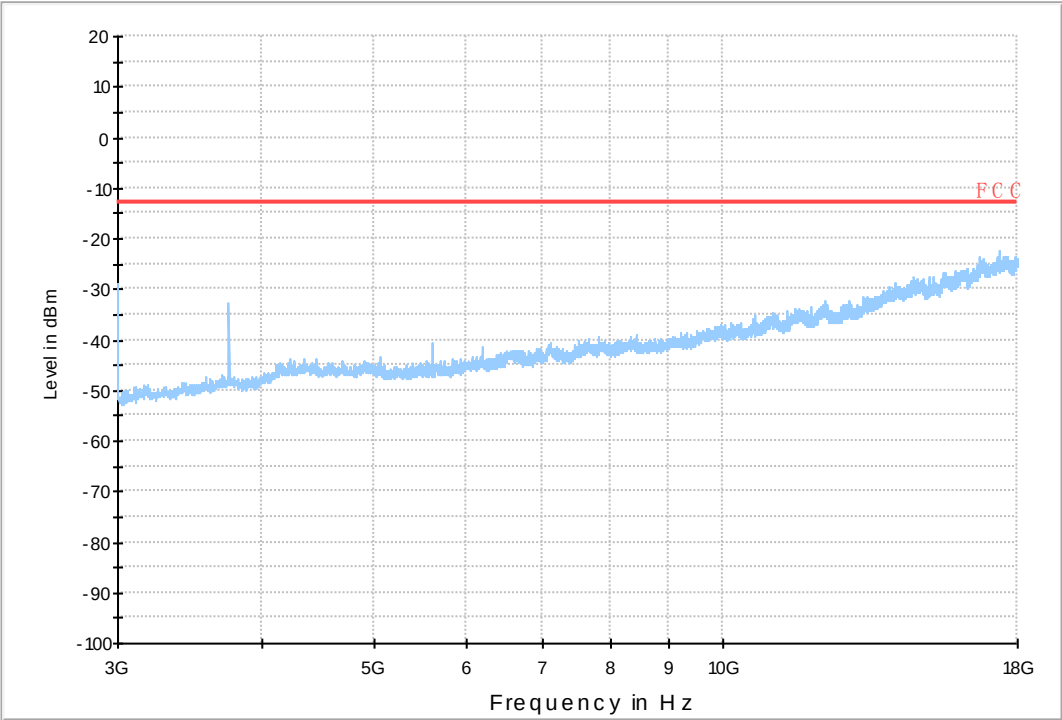


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L





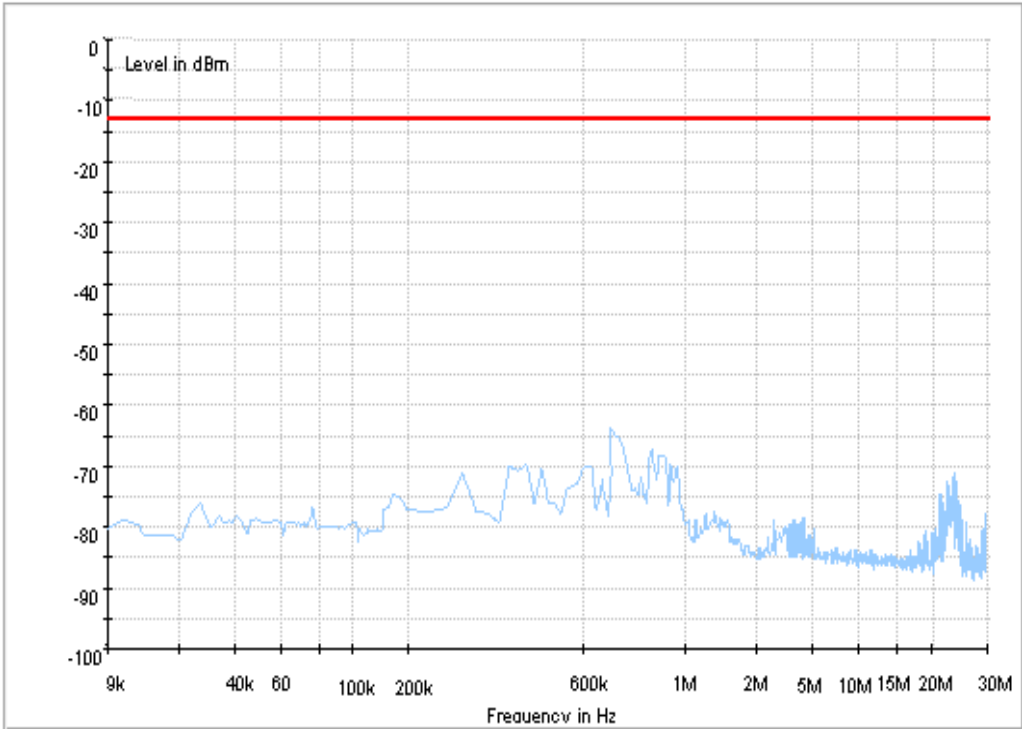
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H





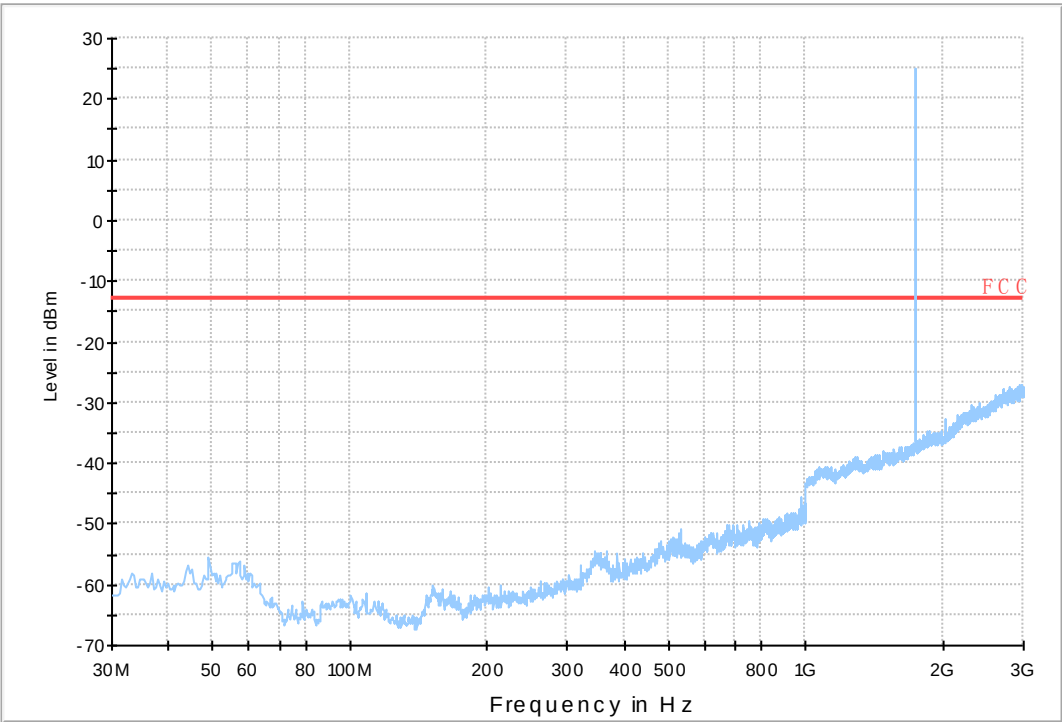
7.1.2 Test Band = BAND4

7.1.2.1 Test Bandwidth = 1.4

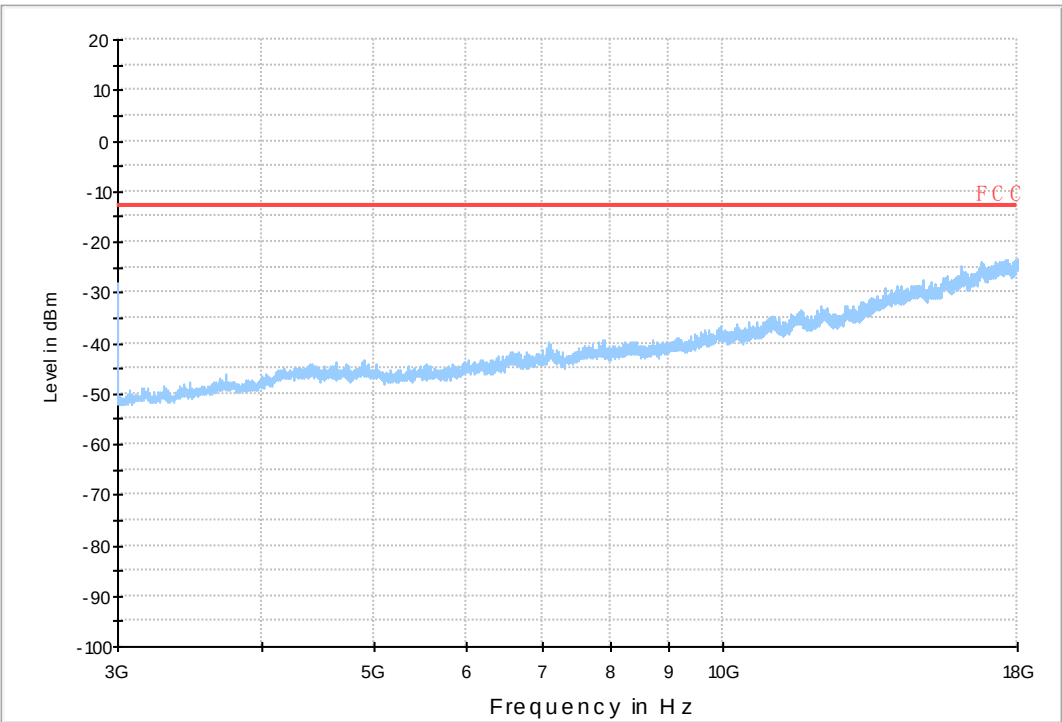


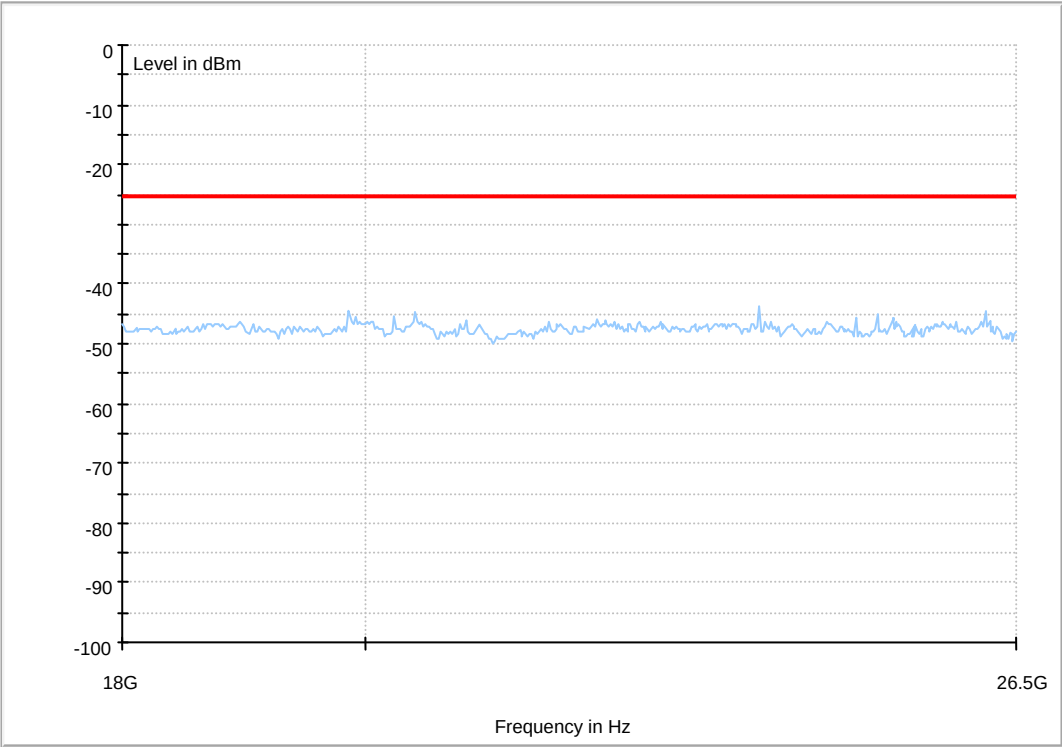


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



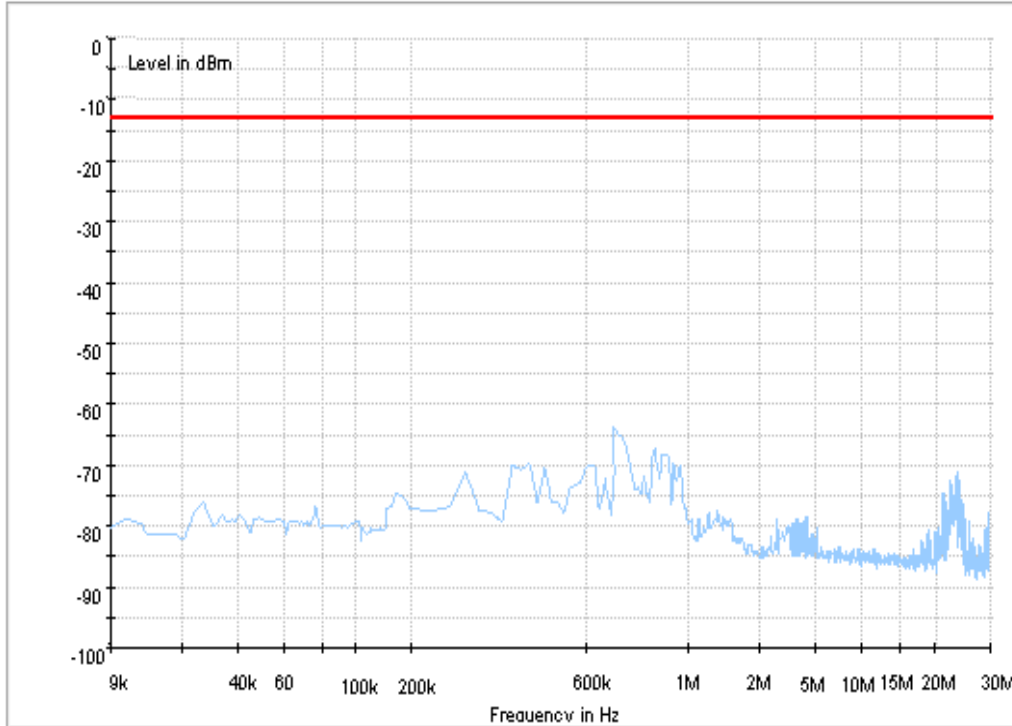
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H



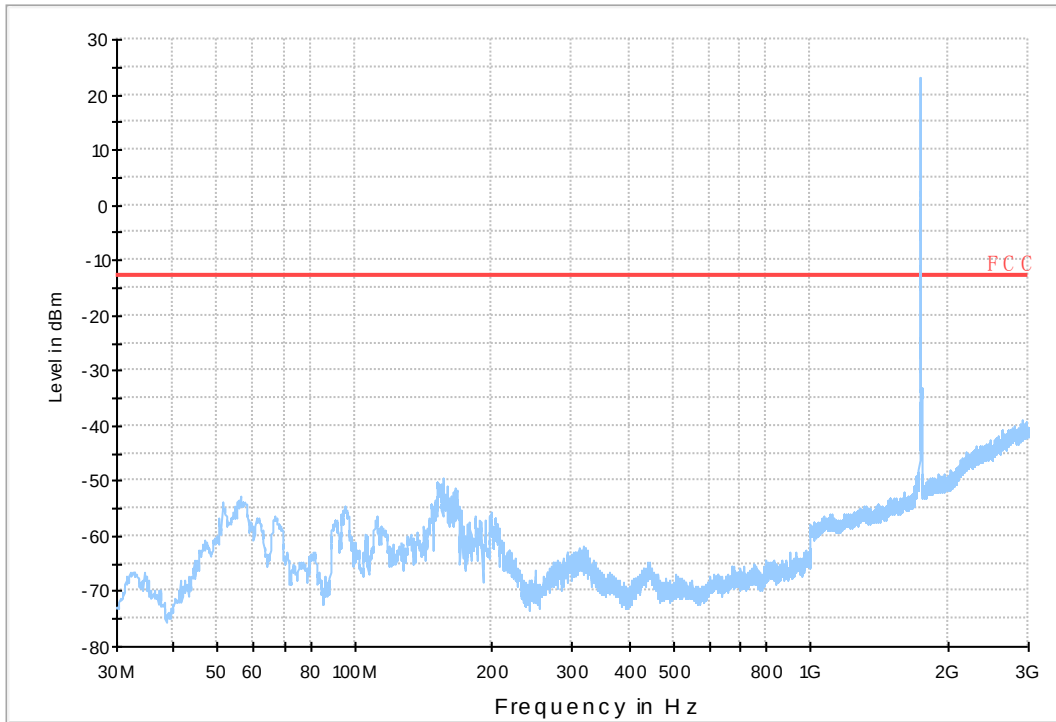




7.1.2.2 Test Bandwidth = 5

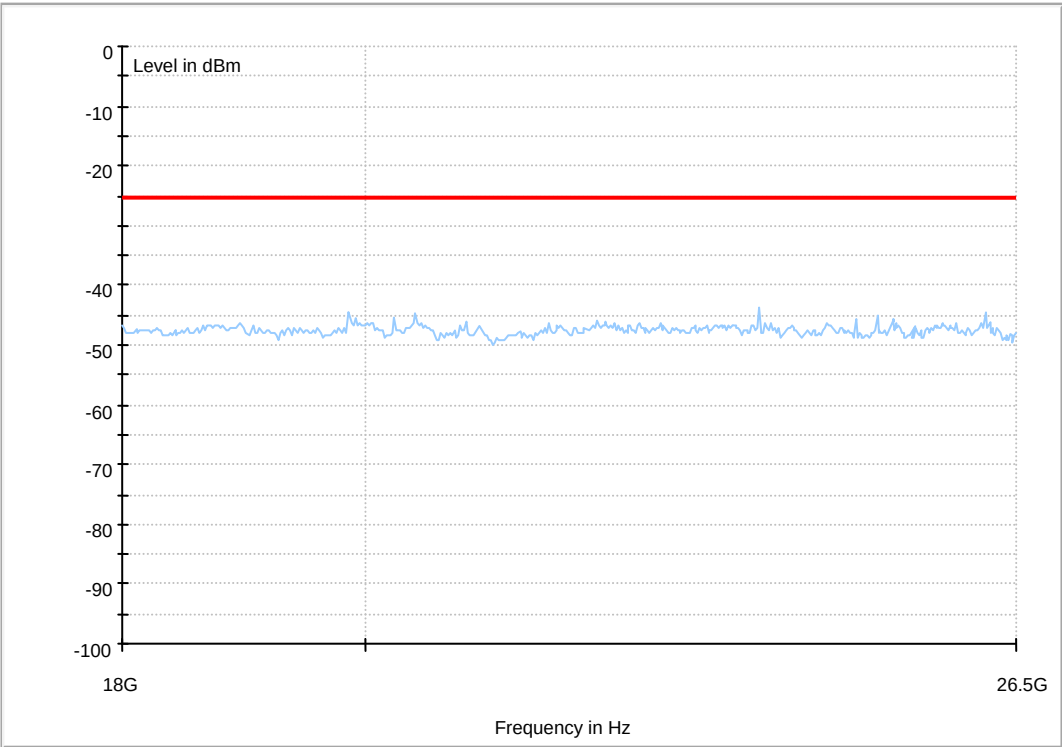
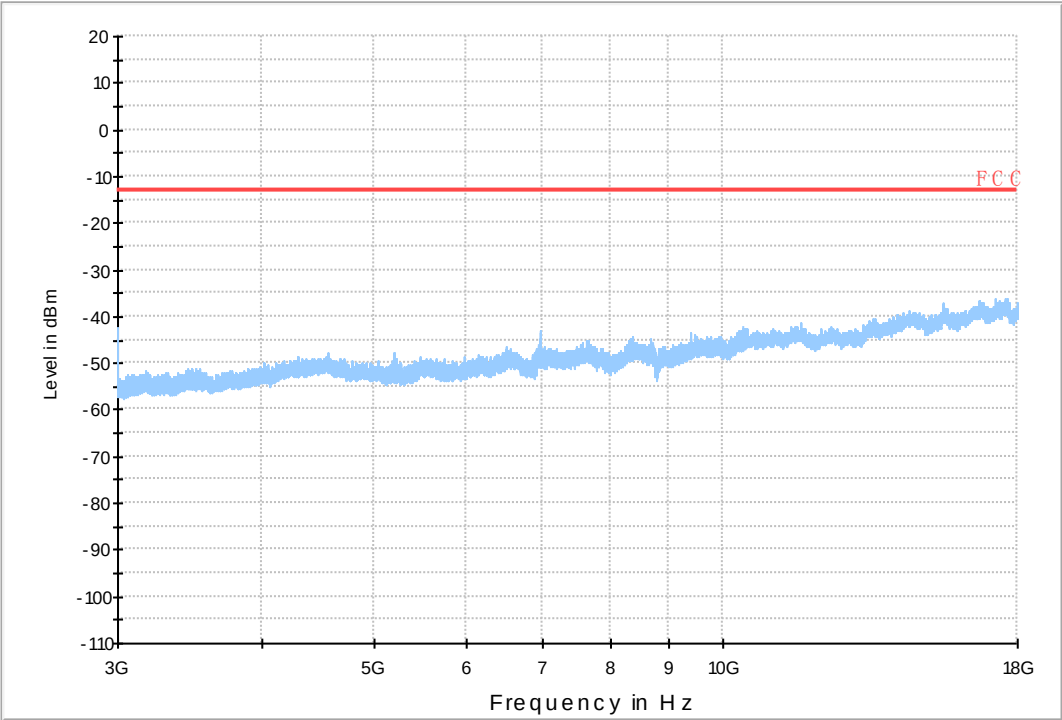


Copy of FCC PART27 LTE Band 4_L



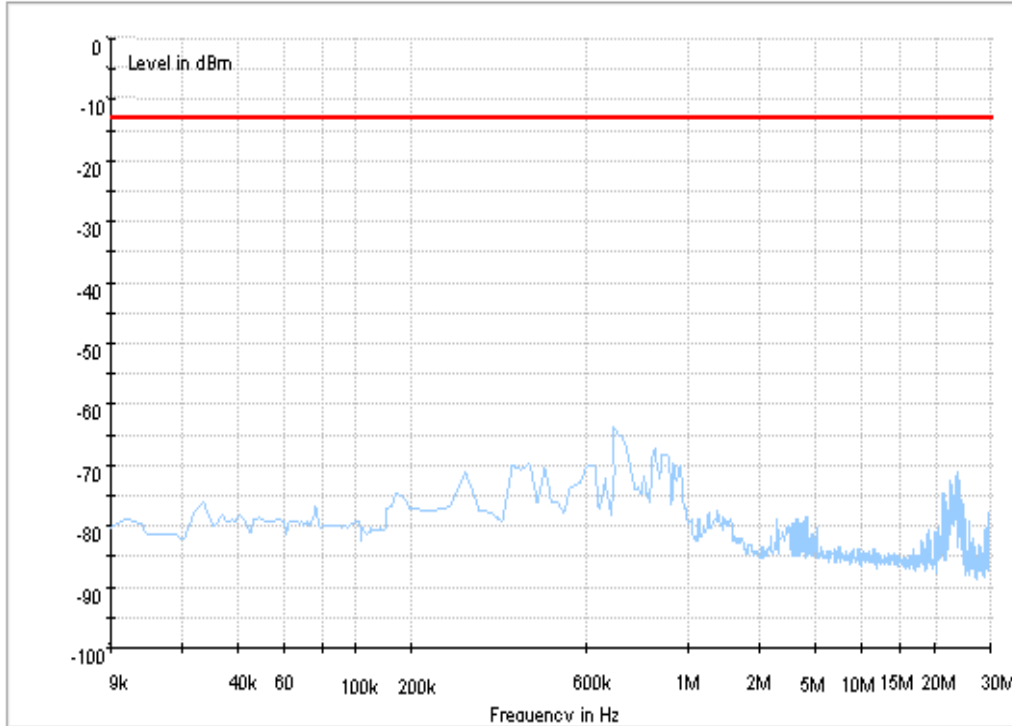


Copy of FCC PART27 LTE Band 4_H

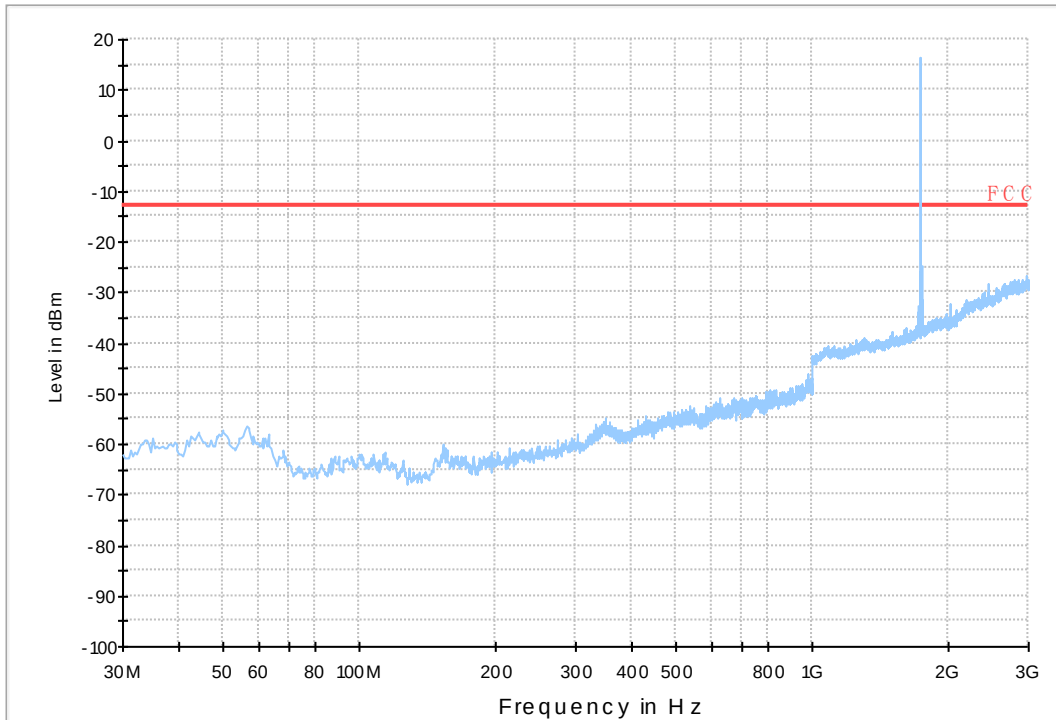




7.1.2.3 Test Bandwidth = 20

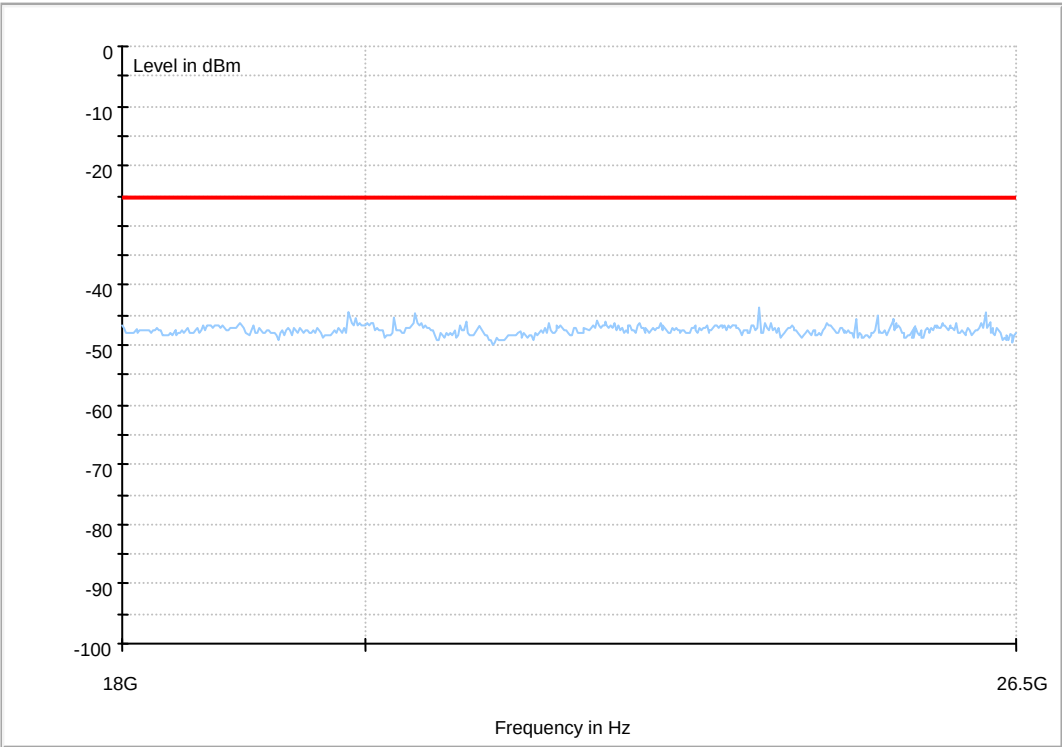
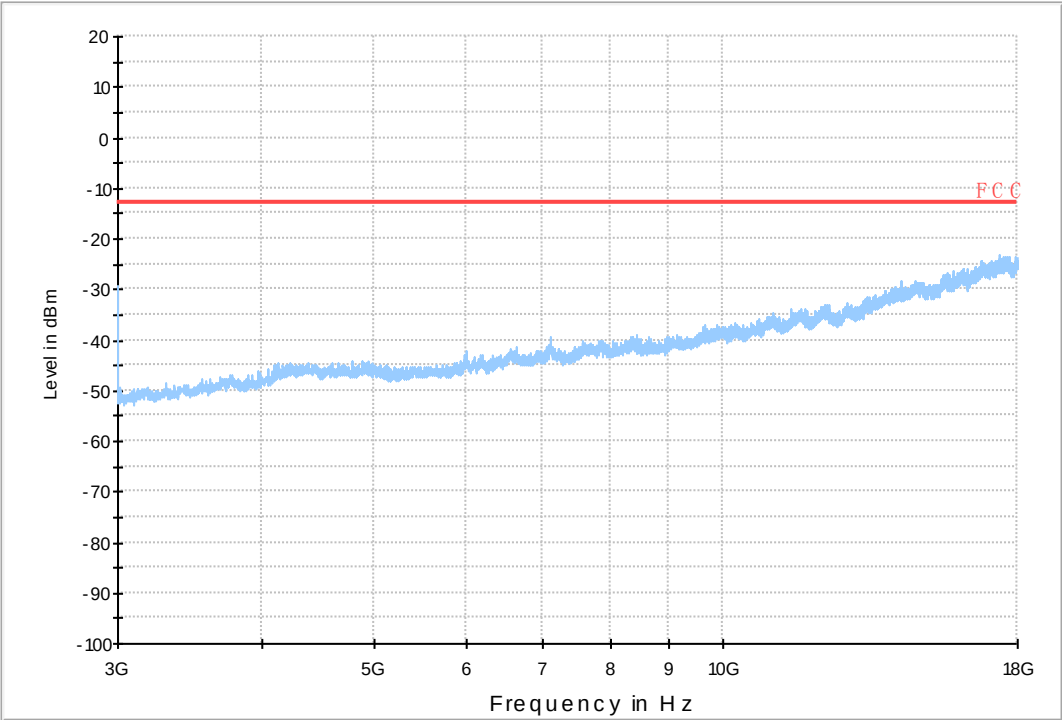


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L





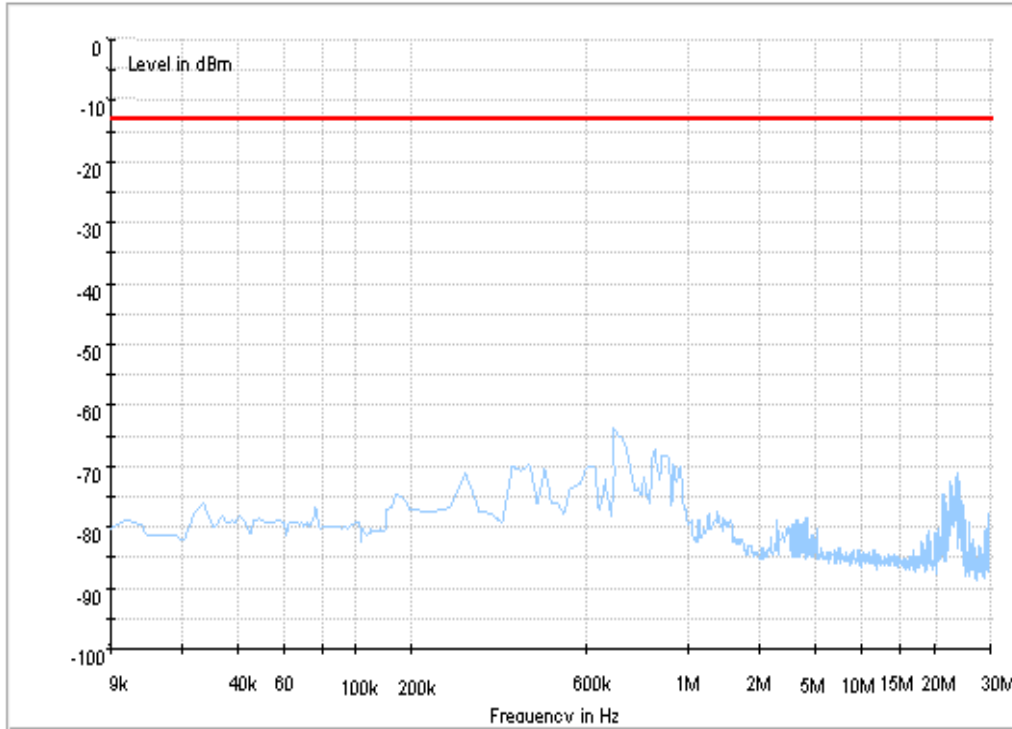
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H





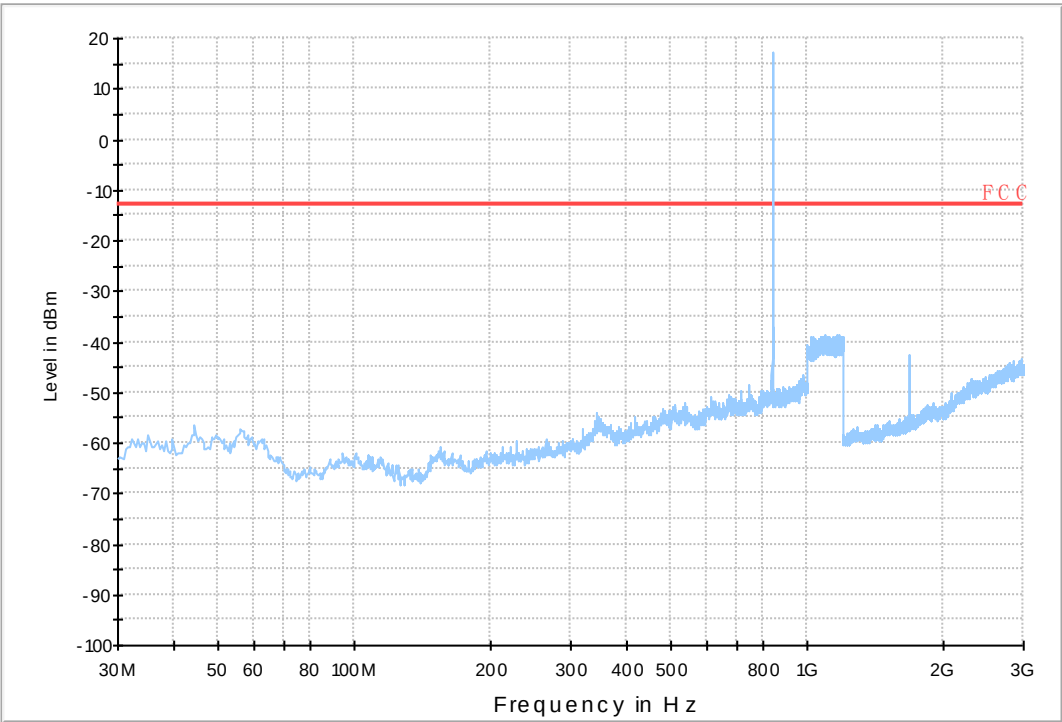
7.1.3 Test Band = BAND5

7.1.3.1 Test Bandwidth = 1.4

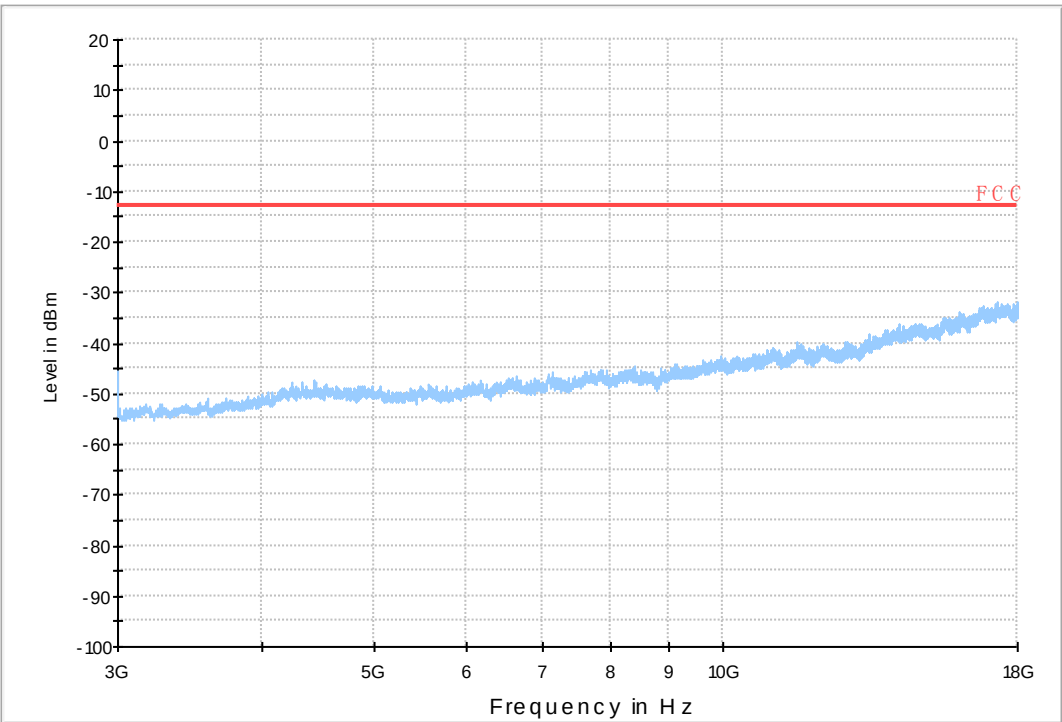




Copy of RSE-TX-DIRECTOR BELOW 1G_L

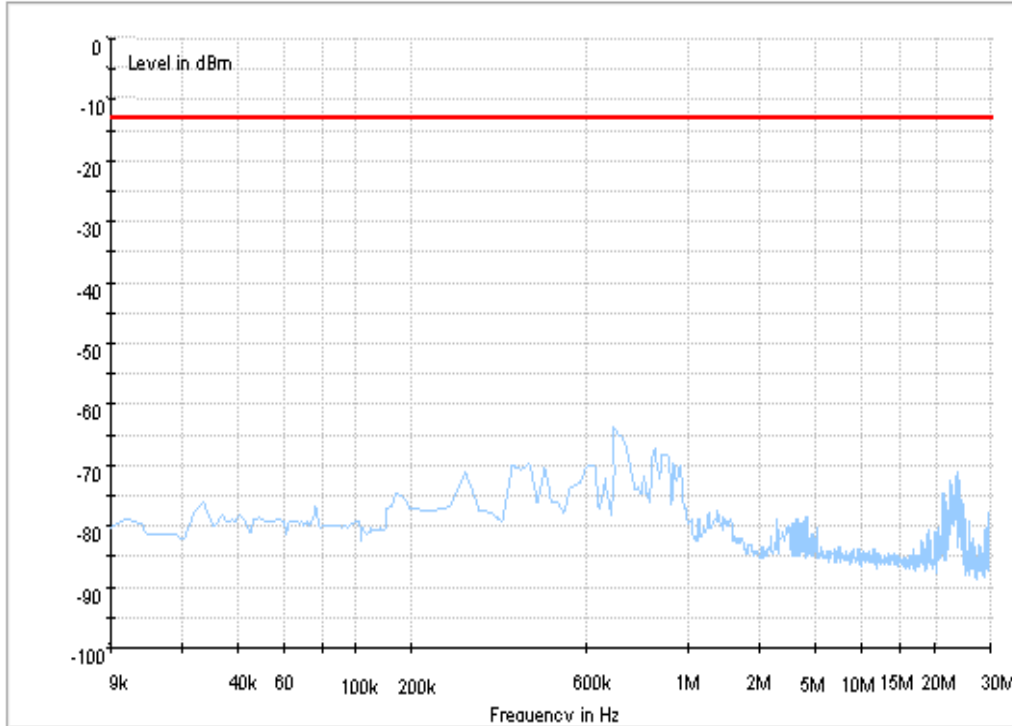


Copy of RSE-TX-DIRECTOR BELOW 1G_H

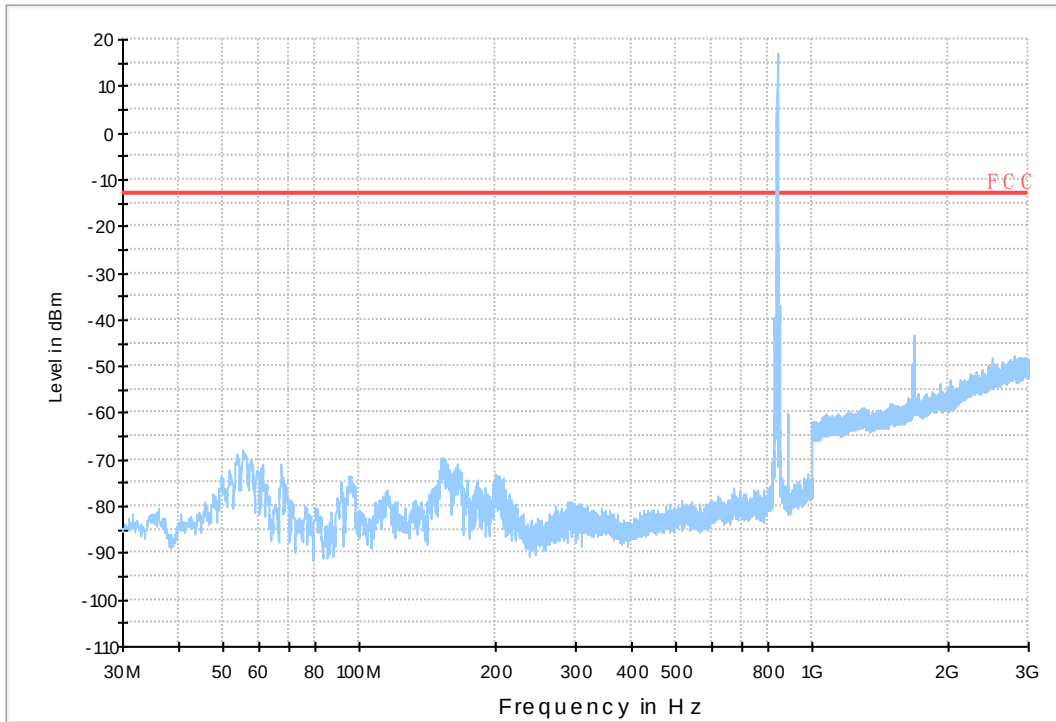




7.1.3.2 Test Bandwidth = 5

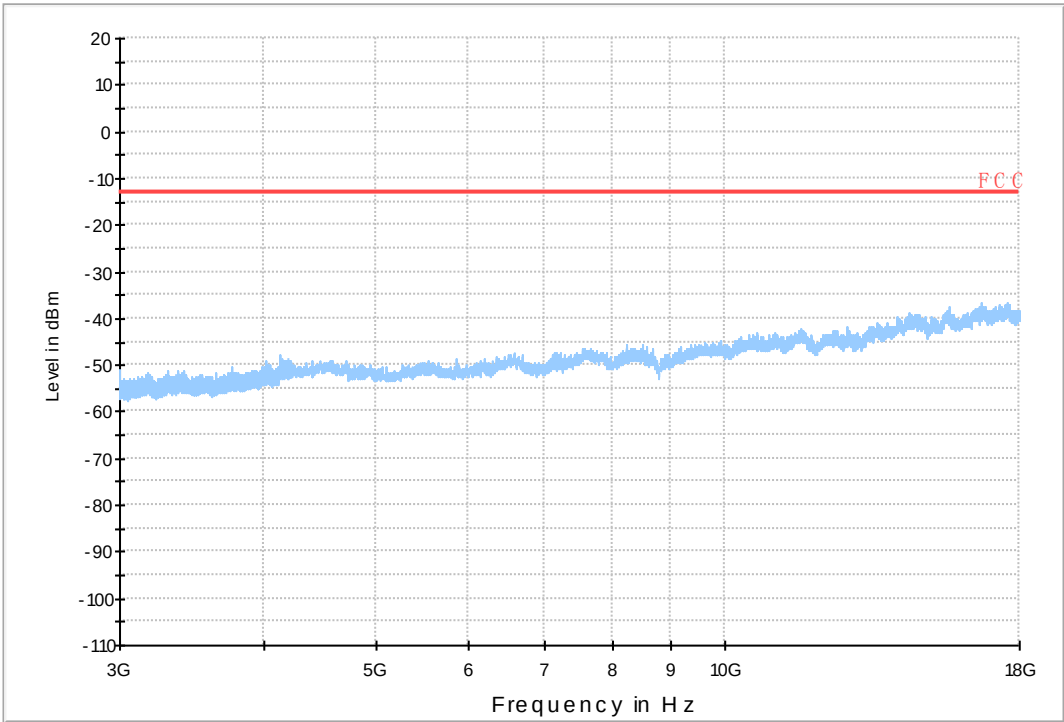


Copy of FCC PART22 LTE Band 5_L



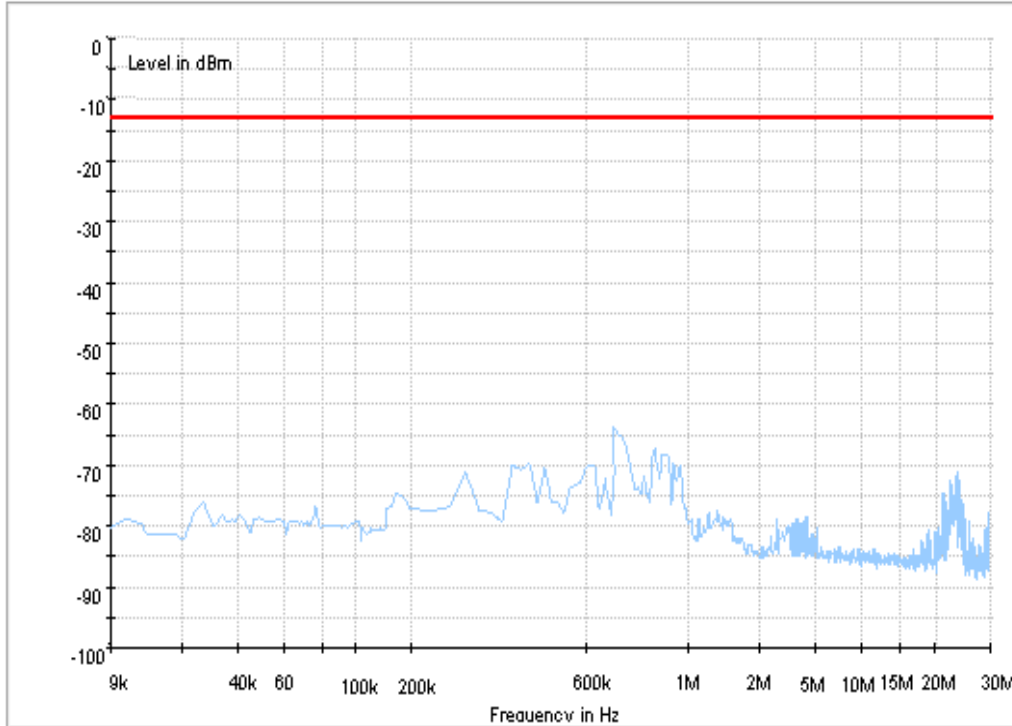


Copy of FCC PART22 LTE Band 5_H

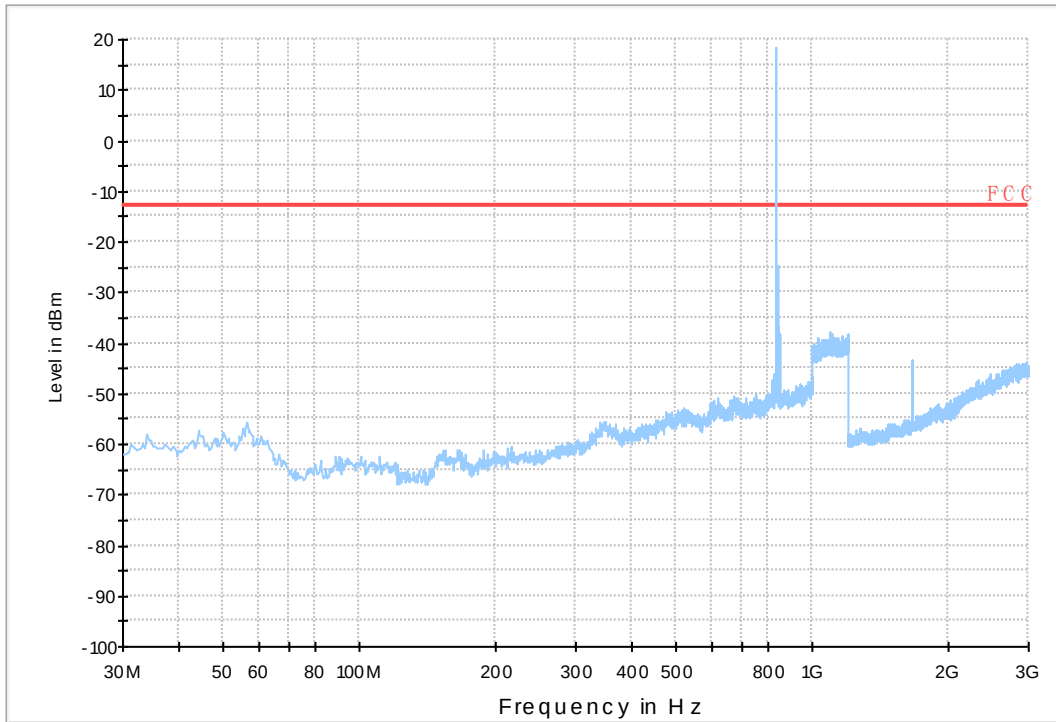




7.1.3.3 Test Bandwidth = 10

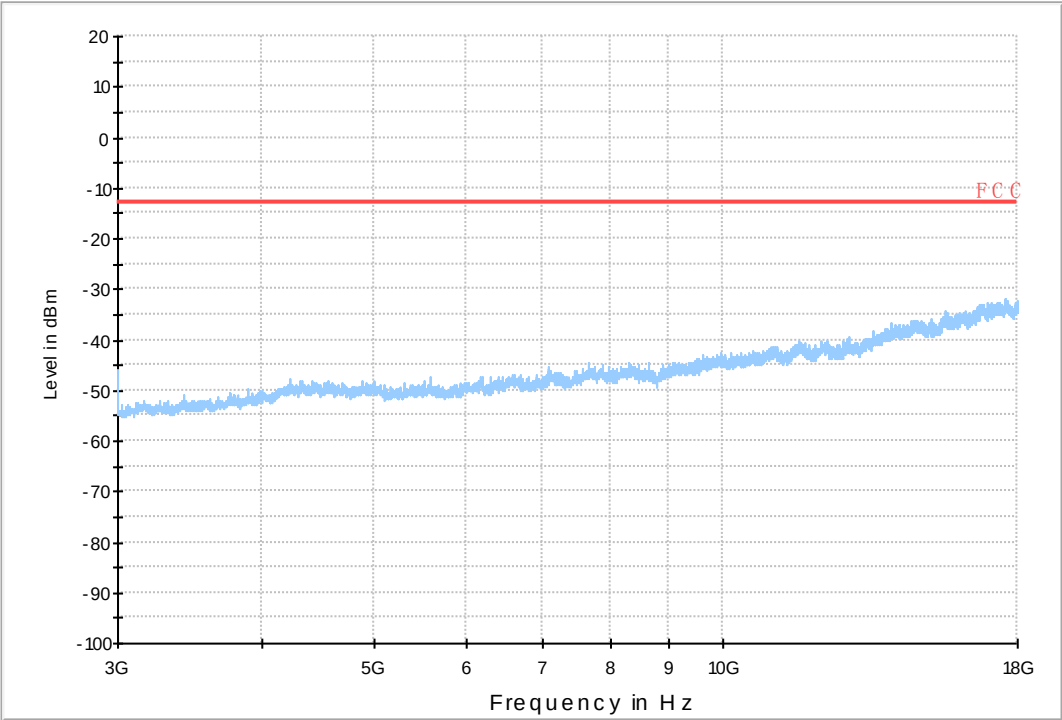


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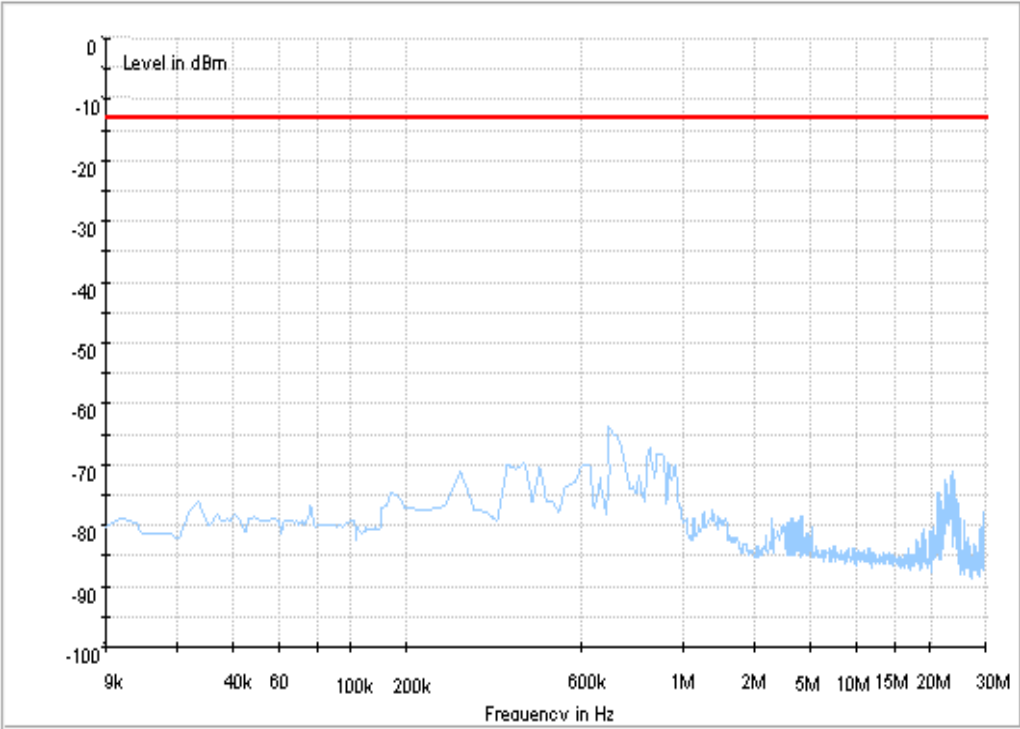
Copy of RSE-TX-DIRECTOR BELOW 1G_H



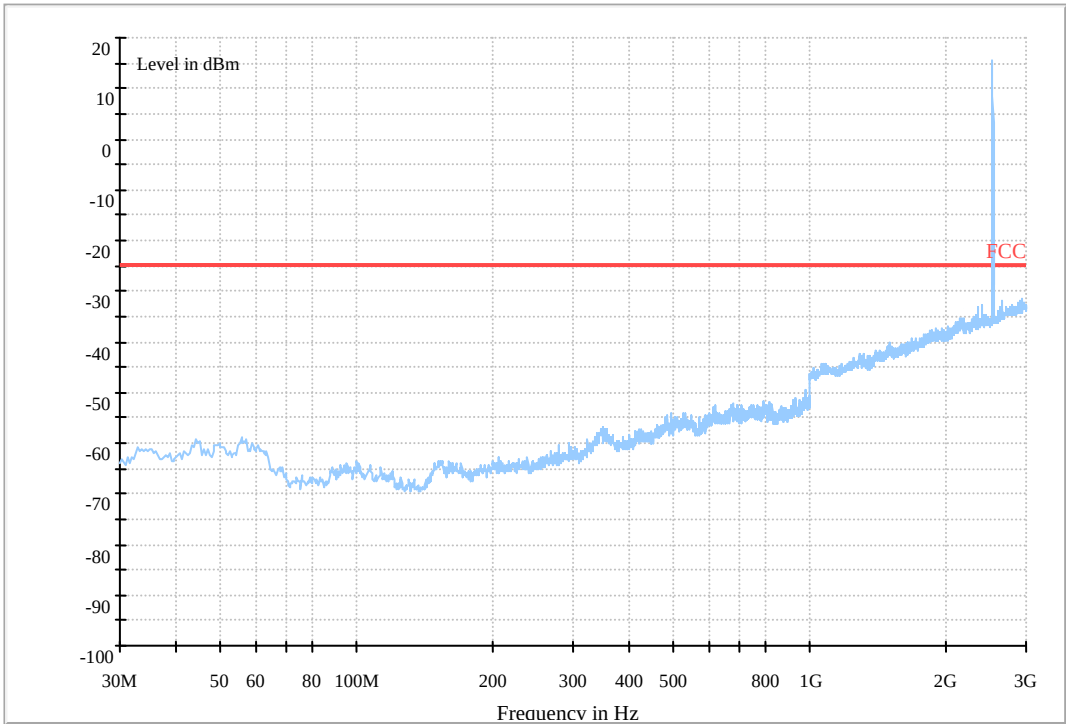


7.1.3 Test Band = BAND7

7.1.3.1 Test Bandwidth = 5

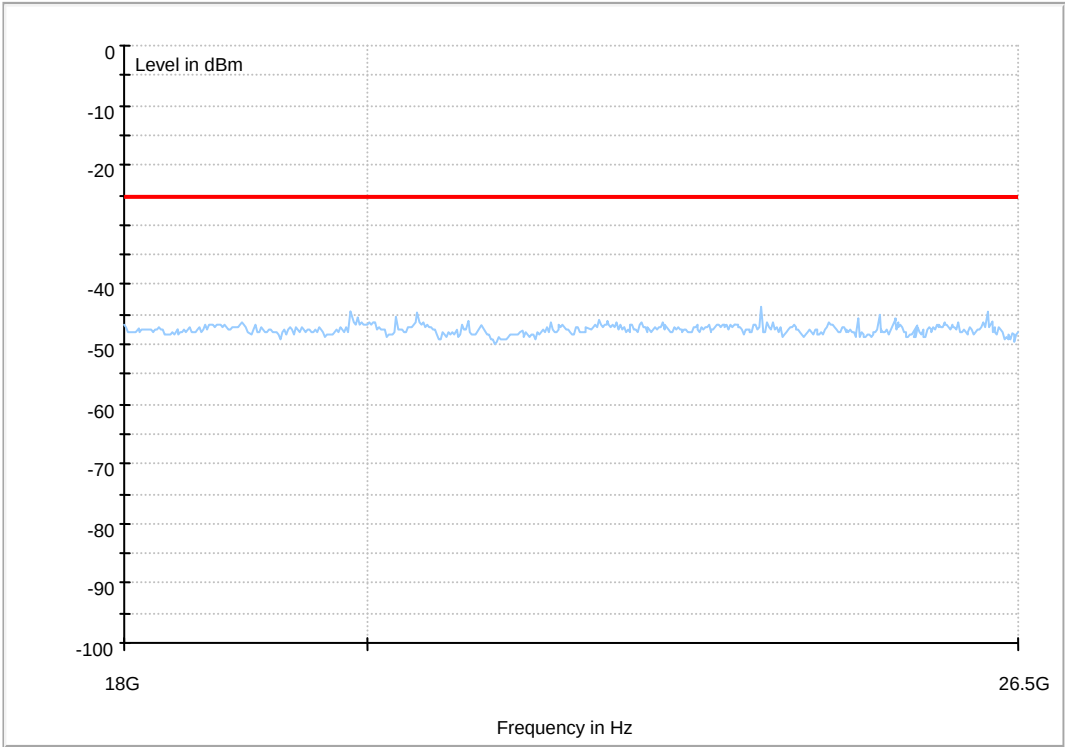
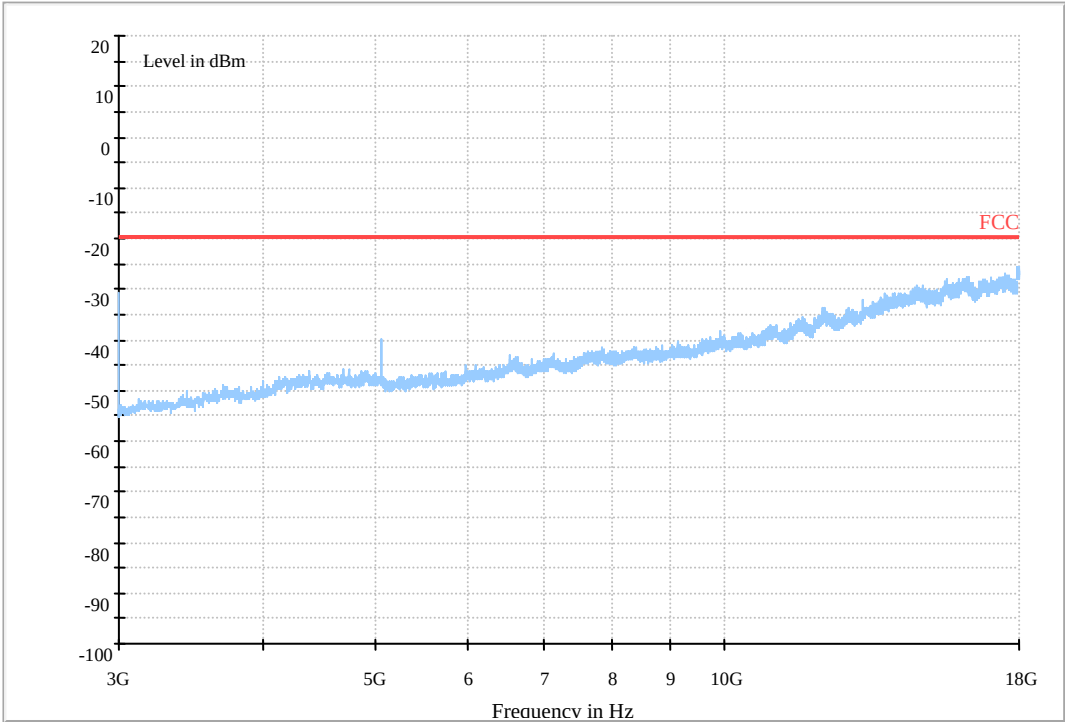


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



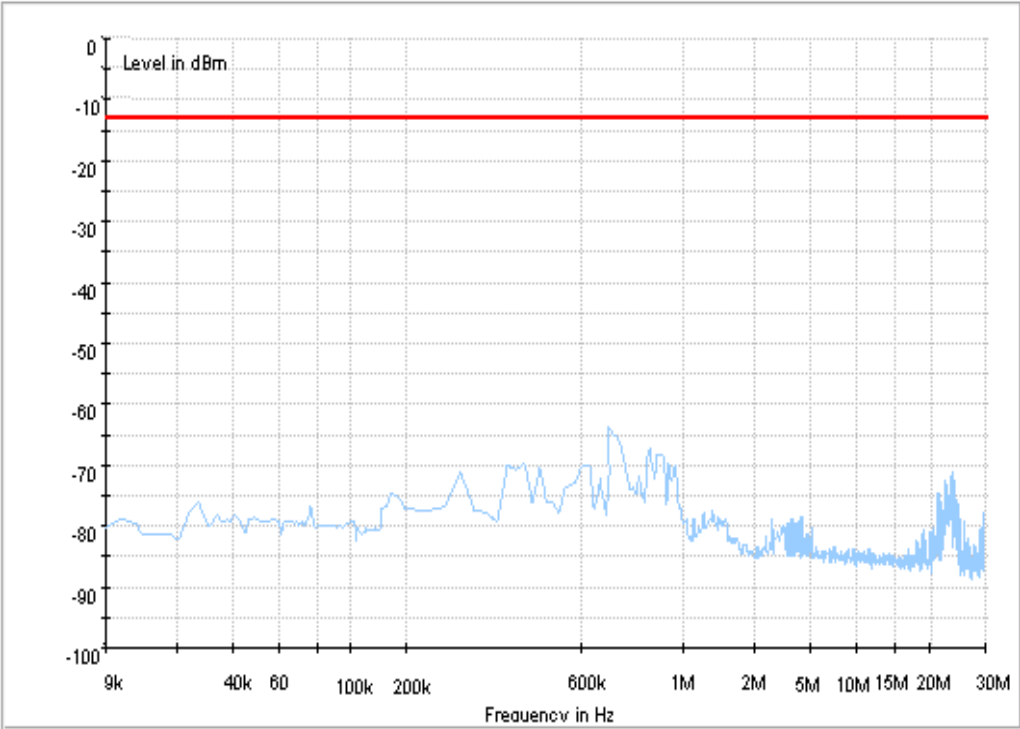


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H

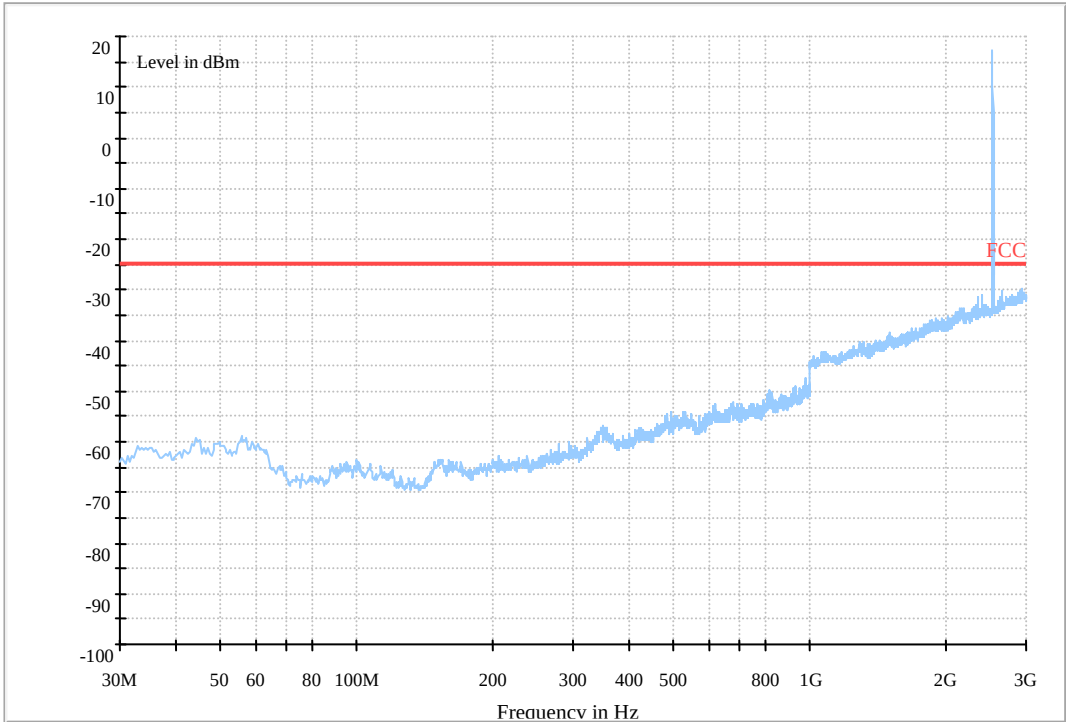




7.1.3.2 Test Bandwidth = 20

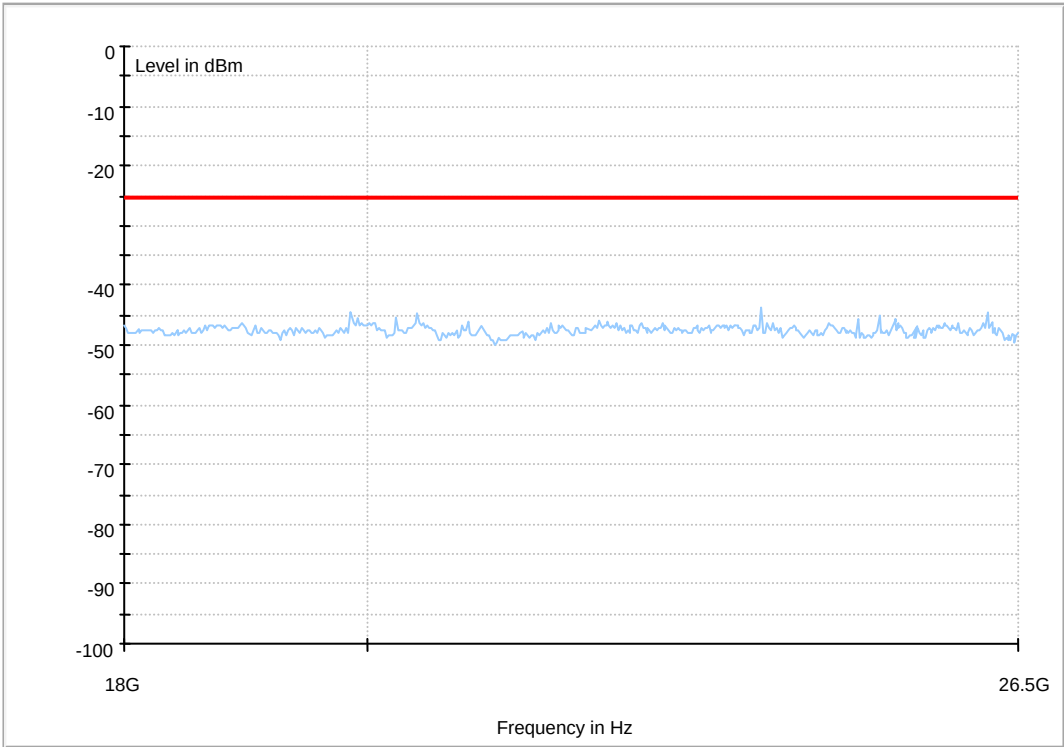
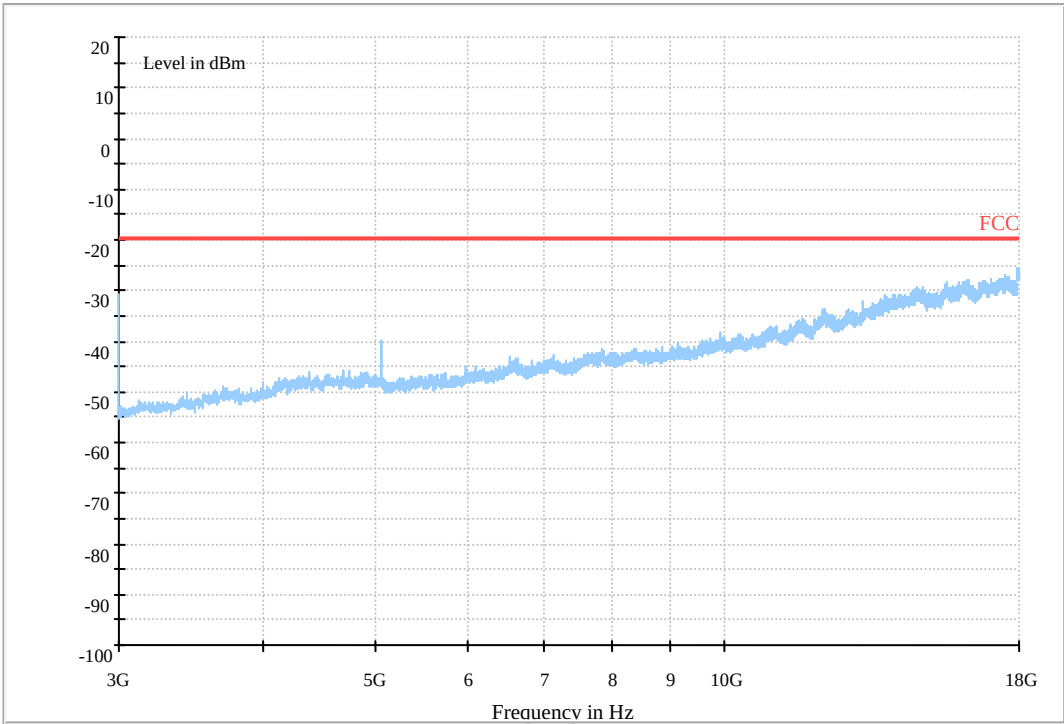


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L





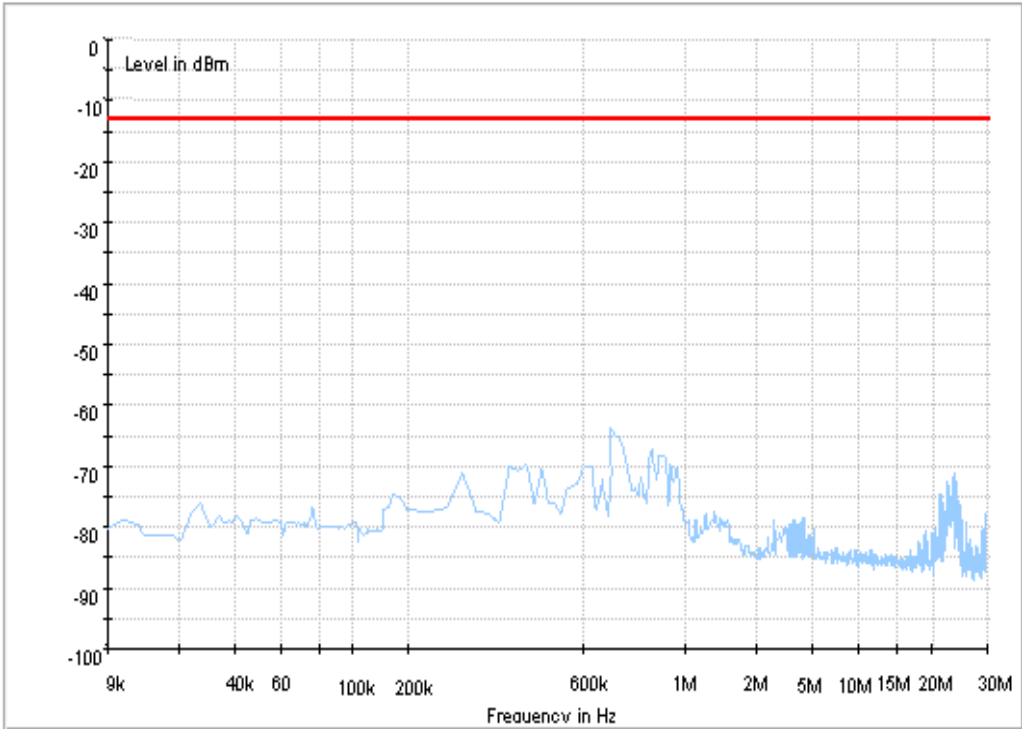
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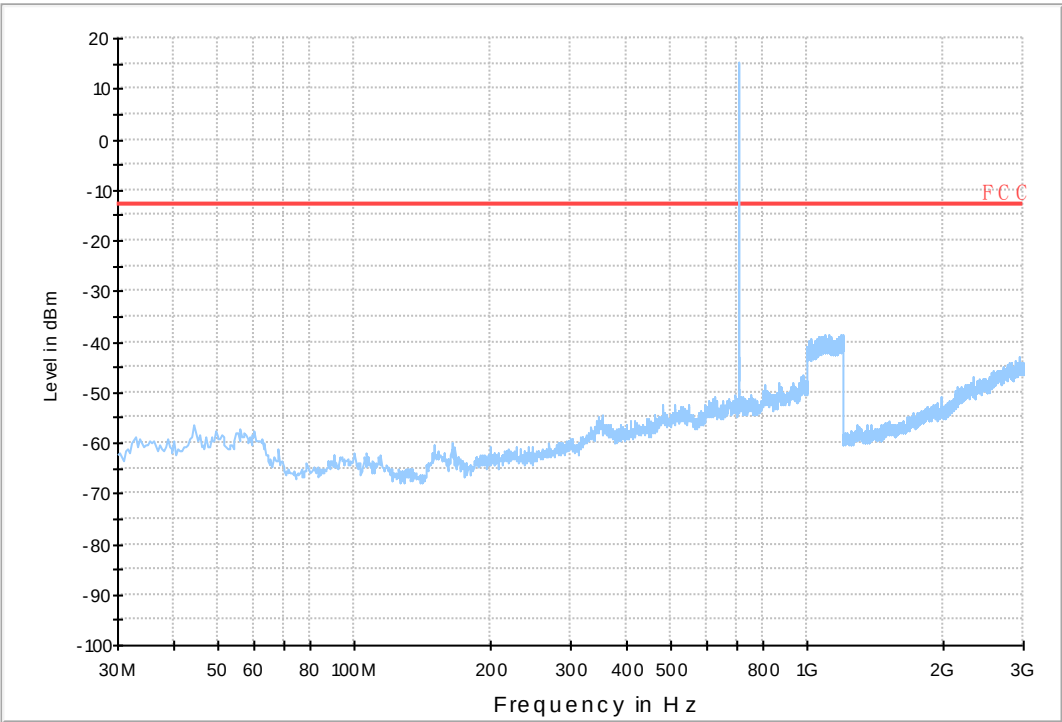
7.1.4 Test Band = BAND12

7.1.4.1 Test Bandwidth = 1.4

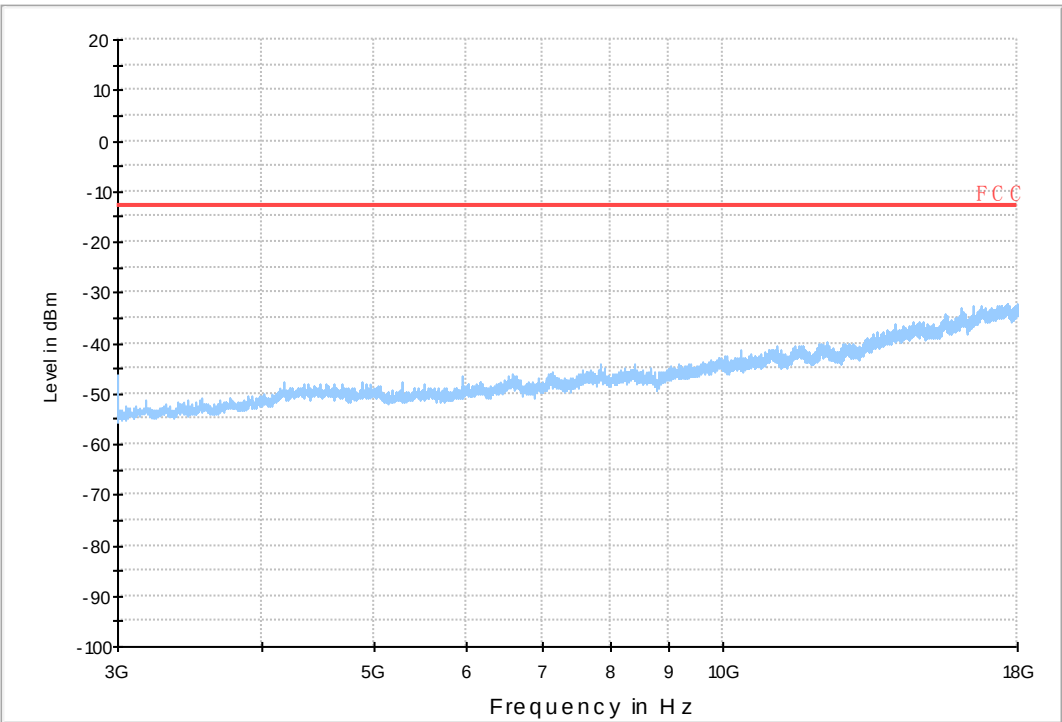




Copy of RSE-TX-DIRECTOR BELOW 1G_L

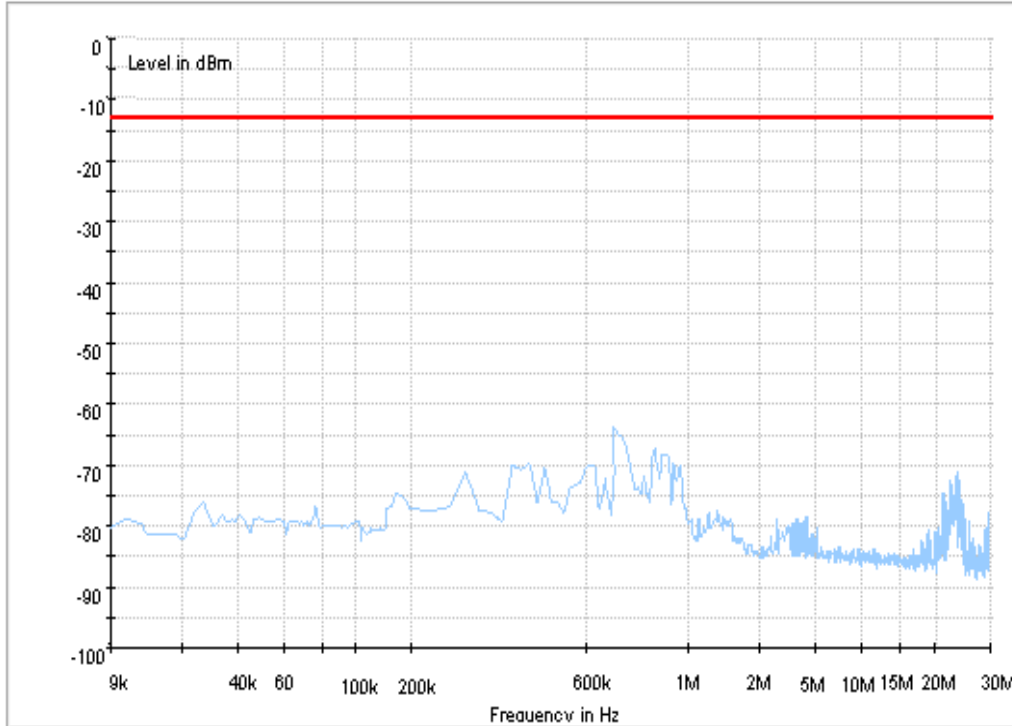


Copy of RSE-TX-DIRECTOR BELOW 1G_H

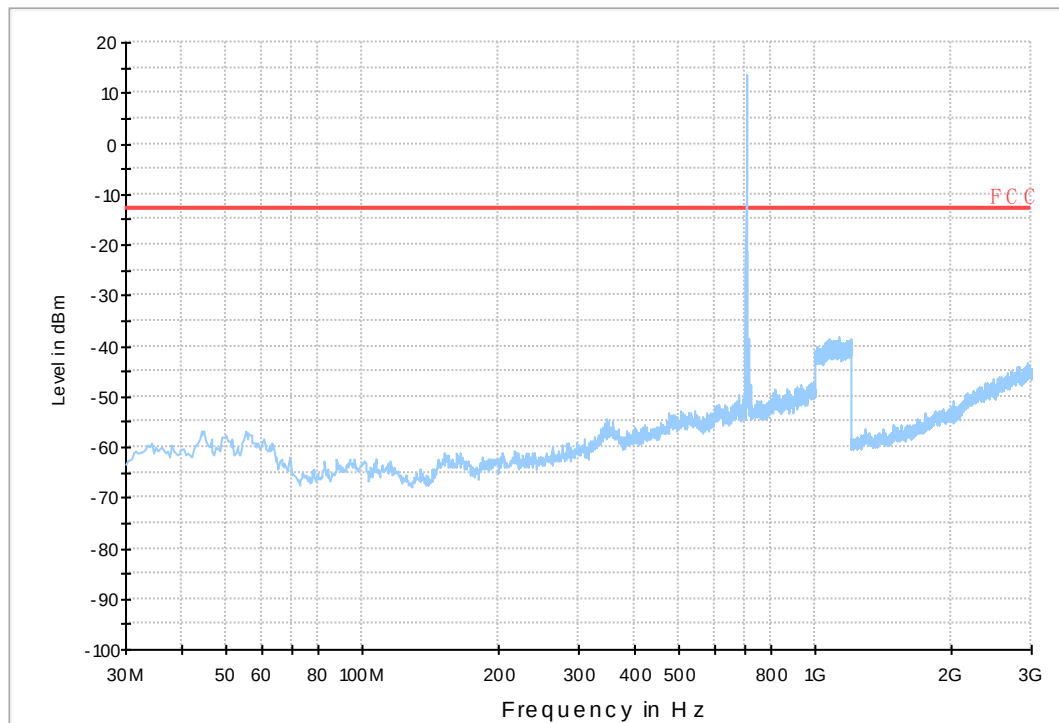




7.1.4.2 Test Bandwidth = 5

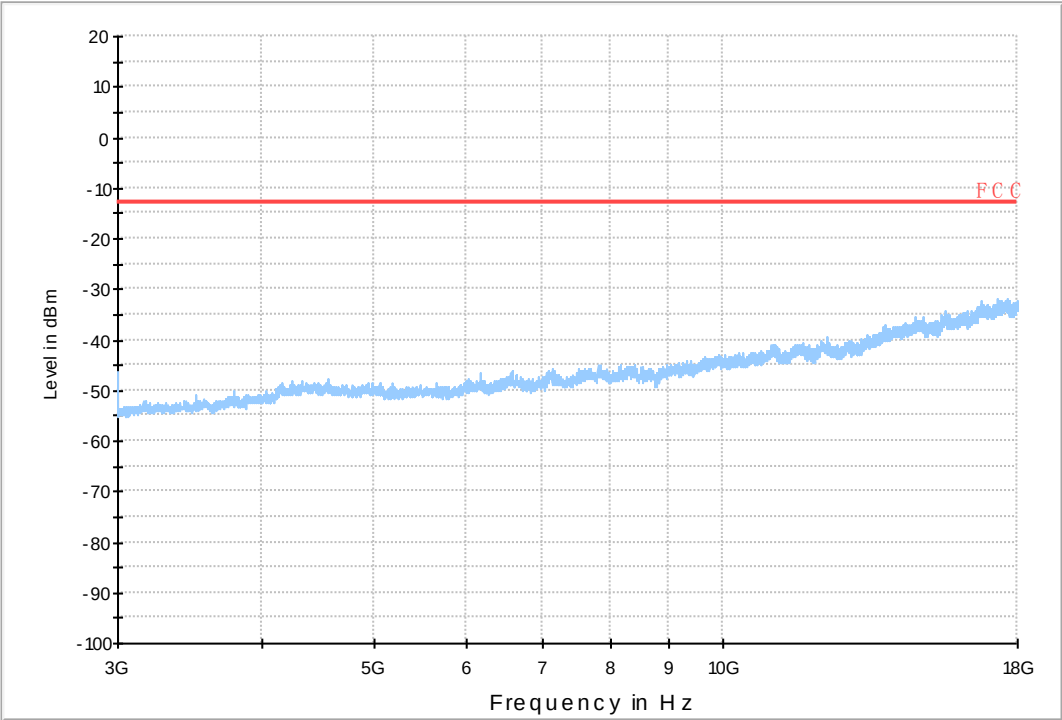


Copy of RSE-TX-DIRECTOR BELOW 1G_L



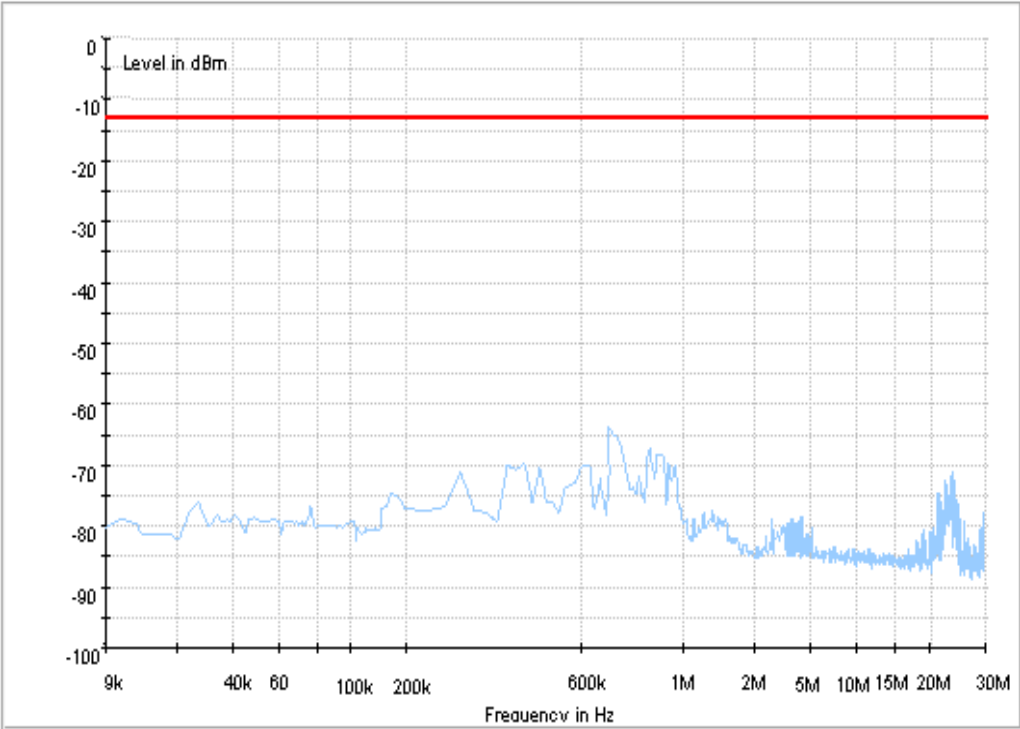


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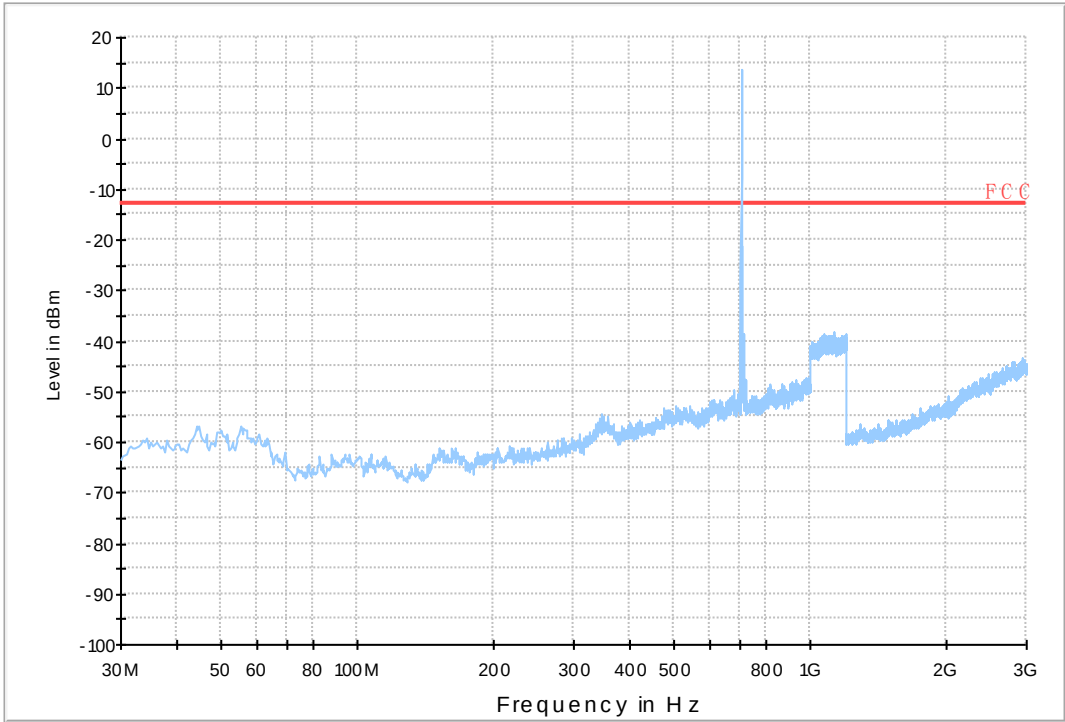




7.1.4.3 Test Bandwidth = 10

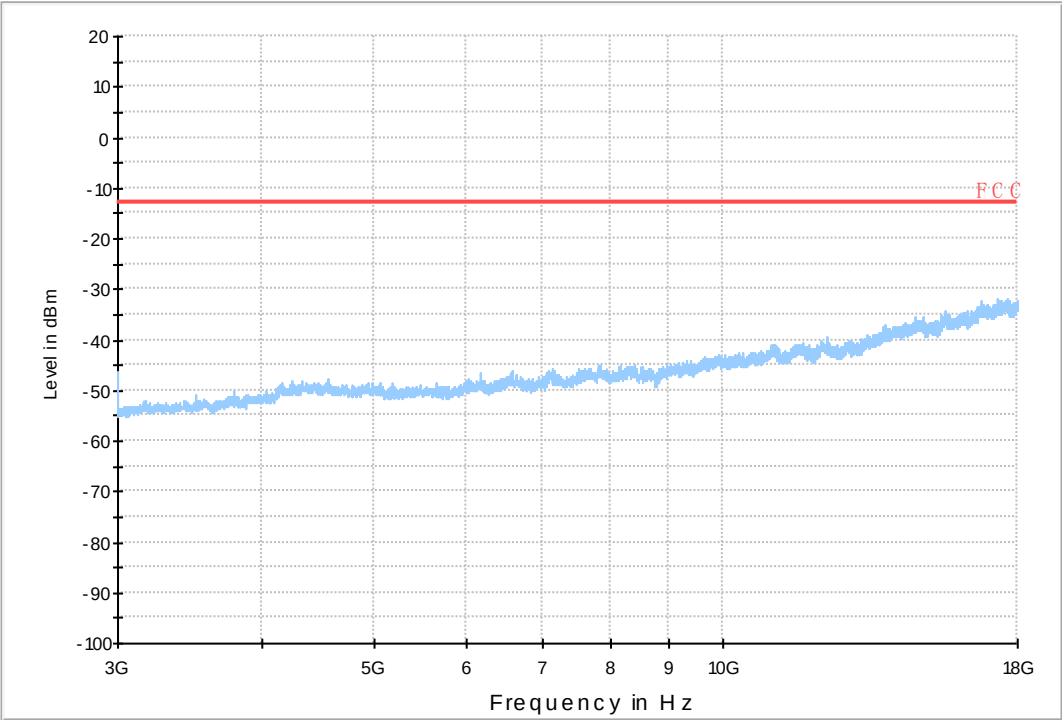


Copy of RSE-TX-DIRECTOR BELOW 1G_L





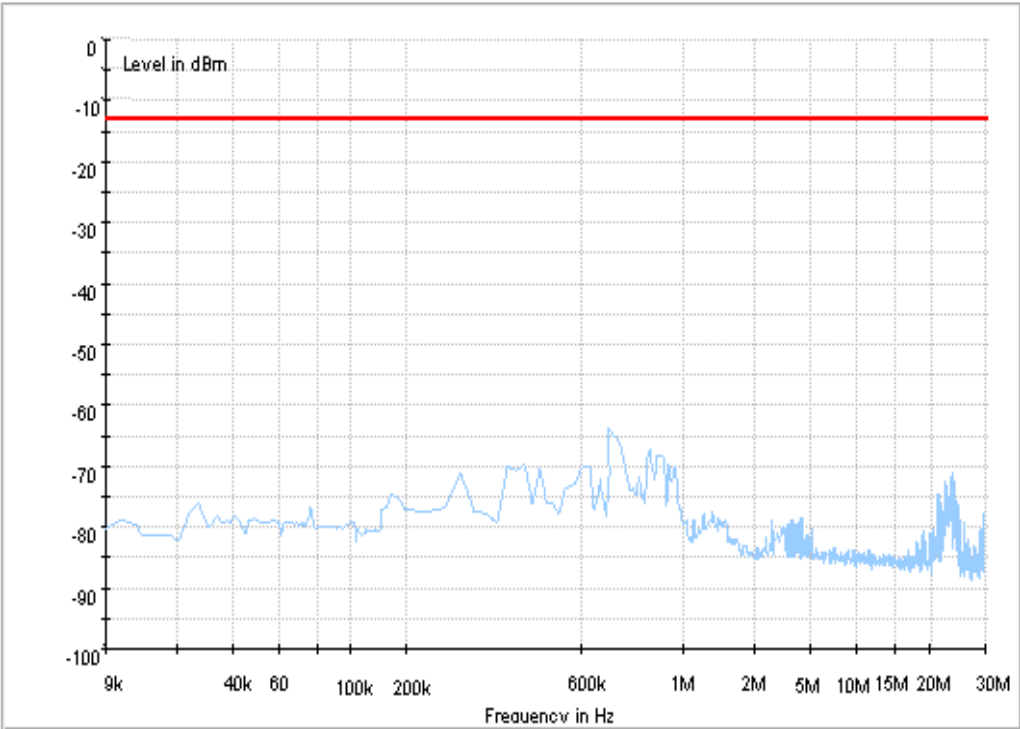
Copy of RSE-TX-DIRECTOR BELOW 1G_H





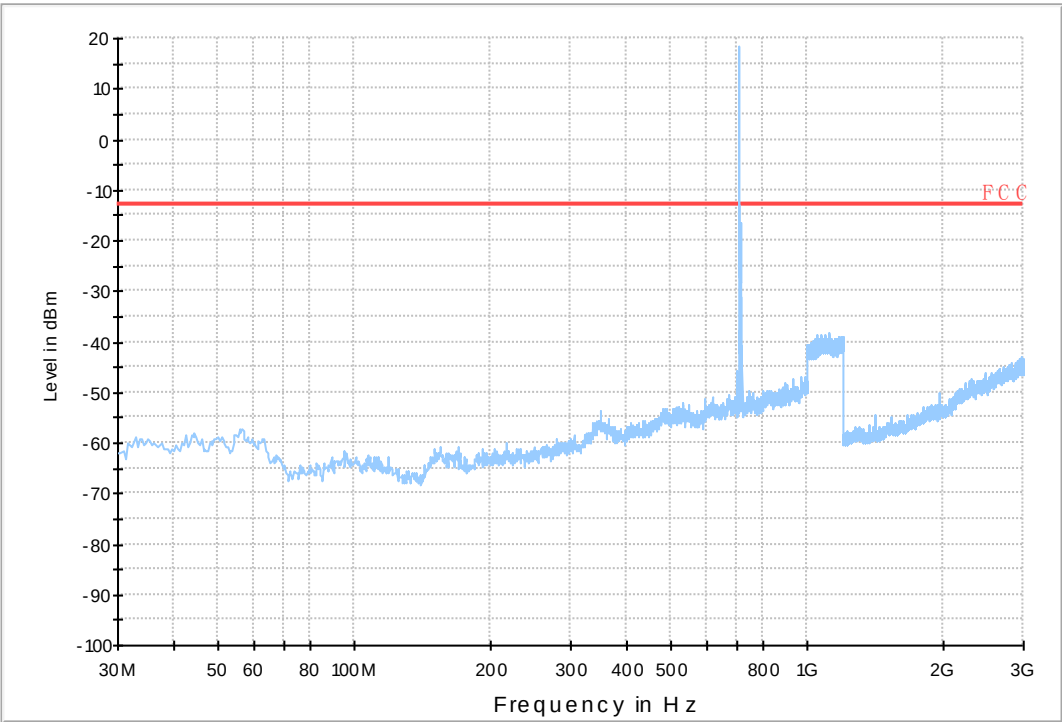
7.1.5 Test Band = BAND17

7.1.5.1 Test Bandwidth = 5

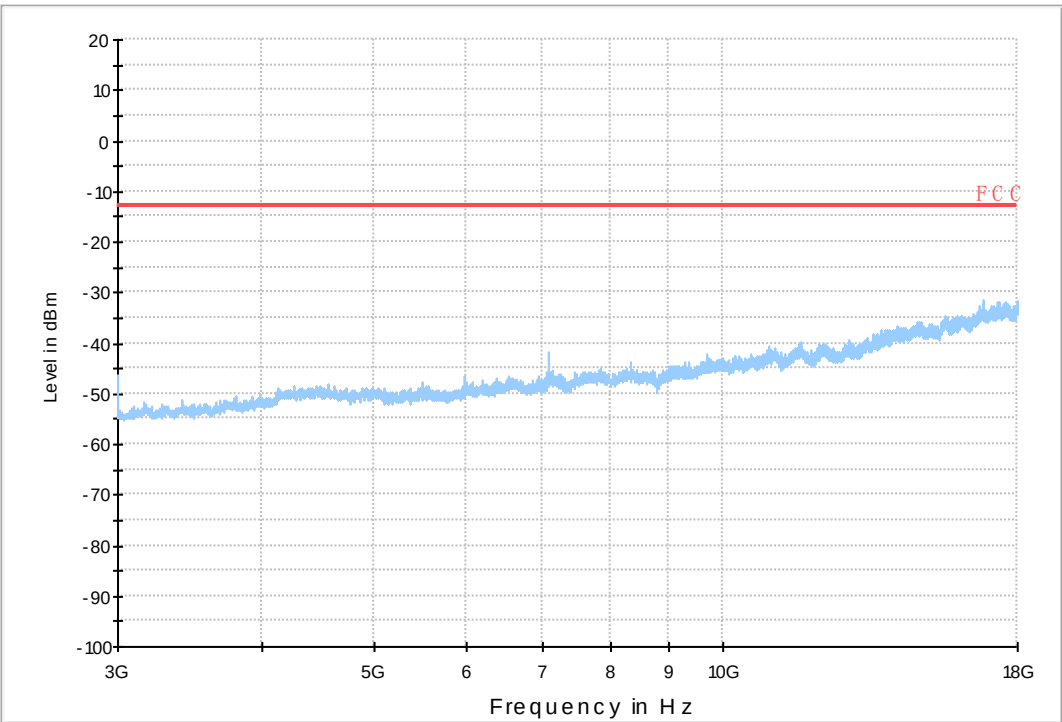




Copy of RSE-TX-DIRECTOR BELOW 1G_L

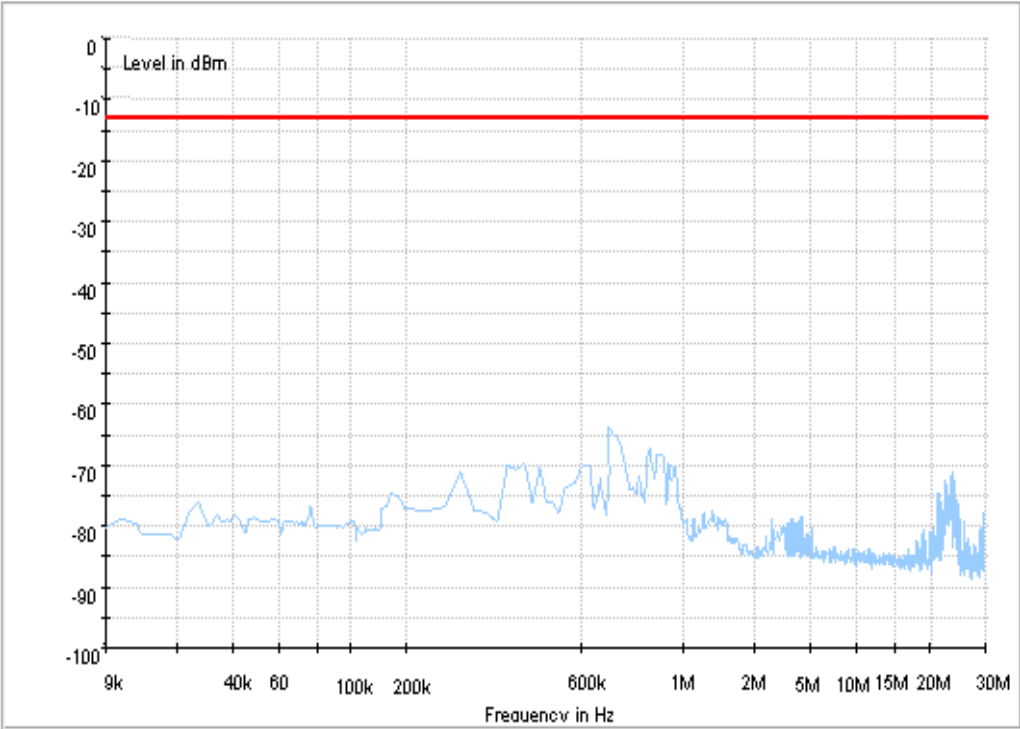


Copy of RSE-TX-DIRECTOR BELOW 1G_H



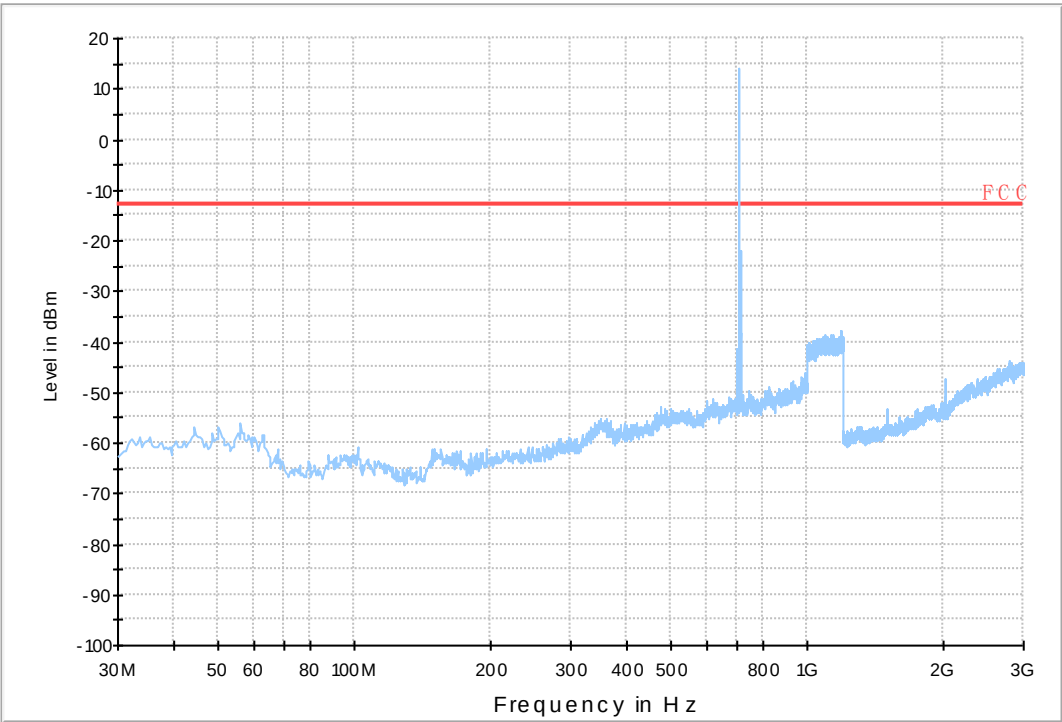


7.1.5.2 Test Bandwidth = 10

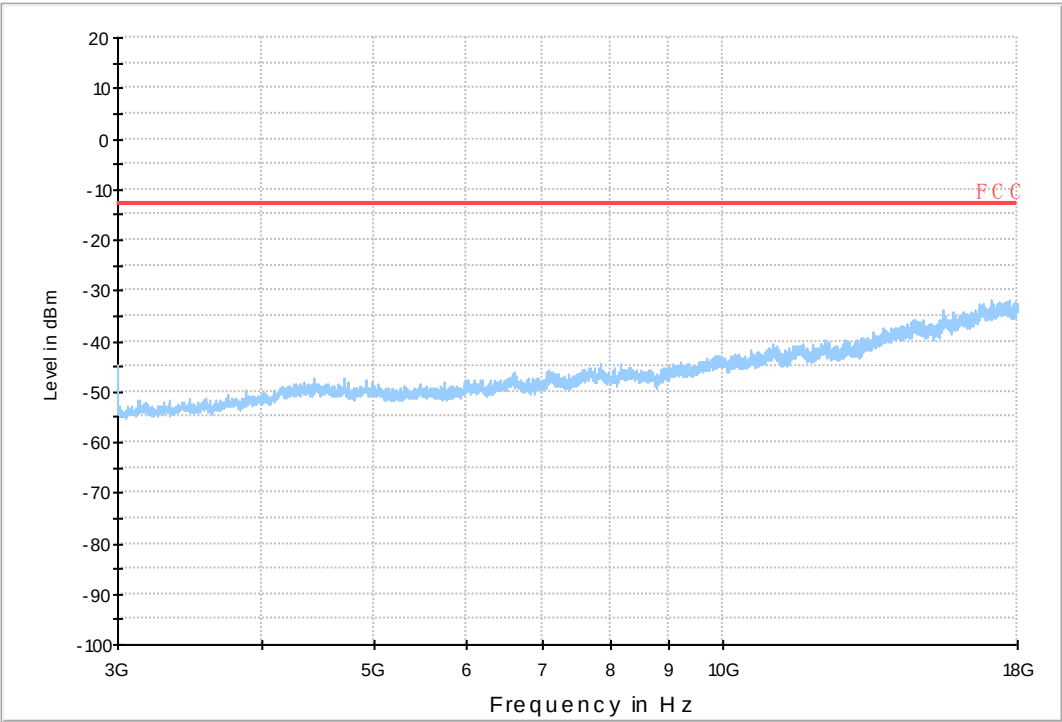




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Copy of RSE-TX-DIRECTOR BELOW 1G_H





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
BAND2	LTE/TM1	1.4	LCH	TN	VL	-10.86	-.00587	PASS
					VN	-12.73	-.00688	PASS
					VH	-7.18	-.00388	PASS
			MCH	TN	VL	-6.95	-.0037	PASS
					VN	-4.23	-.00225	PASS
					VH	-2.78	-.00148	PASS
			HCH	TN	VL	-13.82	-.00724	PASS
					VN	-14.52	-.0076	PASS
					VH	-11.90	-.00623	PASS
		3	LCH	TN	VL	-5.55	-.003	PASS
					VN	-7.94	-.00429	PASS
					VH	-8.37	-.00452	PASS
			MCH	TN	VL	-5.06	-.00269	PASS
					VN	-4.11	-.00219	PASS
					VH	-3.10	-.00165	PASS
			HCH	TN	VL	-13.40	-.00702	PASS
					VN	-14.08	-.00738	PASS
					VH	-13.82	-.00724	PASS
		5	LCH	TN	VL	-5.39	-.00291	PASS
					VN	-7.02	-.00379	PASS
					VH	6.08	.00328	PASS
			MCH	TN	VL	-15.82	-.00841	PASS
					VN	-15.91	-.00846	PASS
					VH	-14.28	-.0076	PASS
			HCH	TN	VL	4.22	.00221	PASS
					VN	3.82	.002	PASS
					VH	6.27	.00329	PASS
		10	LCH	TN	VL	-12.04	-.00649	PASS
					VN	-5.62	-.00303	PASS
					VH	4.31	.00232	PASS
			MCH	TN	VL	-3.92	-.00209	PASS
					VN	-3.12	-.00166	PASS
					VH	-4.29	-.00228	PASS
			HCH	TN	VL	5.88	.00309	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	5.85	.00307	PASS
					VH	2.75	.00144	PASS
		15	LCH	TN	VL	-9.43	-.00508	PASS
					VN	-12.75	-.00686	PASS
					VH	2.85	.00153	PASS
			MCH	TN	VL	-11.19	-.00595	PASS
					VN	-15.94	-.00848	PASS
					VH	4.82	.00256	PASS
			HCH	TN	VL	-9.44	-.00496	PASS
					VN	-17.24	-.00906	PASS
					VH	-18.25	-.00959	PASS
		20	LCH	TN	VL	-0.16	-.00009	PASS
					VN	-8.98	-.00483	PASS
					VH	-12.37	-.00665	PASS
			MCH	TN	VL	-9.78	-.0052	PASS
					VN	-13.15	-.00699	PASS
					VH	-13.53	-.0072	PASS
			HCH	TN	VL	-10.43	-.00549	PASS
					VN	-14.29	-.00752	PASS
					VH	5.46	.00287	PASS
	LTE/TM2	1.4	LCH	TN	VL	8.13	.00439	PASS
					VN	-8.00	-.00432	PASS
					VH	-7.50	-.00405	PASS
			MCH	TN	VL	-3.73	-.00198	PASS
					VN	-0.06	-.00003	PASS
					VH	3.16	.00168	PASS
			HCH	TN	VL	-0.56	-.00029	PASS
					VN	-0.23	-.00012	PASS
					VH	-1.47	-.00077	PASS
		3	LCH	TN	VL	-14.53	-.00785	PASS
					VN	-14.85	-.00802	PASS
					VH	-14.62	-.0079	PASS
			MCH	TN	VL	-11.83	-.00629	PASS
					VN	-6.18	-.00329	PASS
					VH	-4.28	-.00228	PASS
			HCH	TN	VL	-1.16	-.00061	PASS
					VN	-2.19	-.00115	PASS
					VH	-4.63	-.00243	PASS
		5	LCH	TN	VL	-4.36	-.00235	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-3.83	-.00207	PASS
					VH	-4.38	-.00236	PASS
			MCH	TN	VL	4.23	.00225	PASS
					VN	-8.44	-.00449	PASS
					VH	-9.40	-.005	PASS
			HCH	TN	VL	-2.06	-.00108	PASS
					VN	-6.64	-.00348	PASS
					VH	4.76	.0025	PASS
		10	LCH	TN	VL	-12.82	-.00691	PASS
					VN	-15.49	-.00835	PASS
					VH	0.94	.00051	PASS
			MCH	TN	VL	-3.39	-.0018	PASS
					VN	-5.89	-.00313	PASS
					VH	-5.87	-.00312	PASS
			HCH	TN	VL	3.50	.00184	PASS
					VN	3.58	.00188	PASS
					VH	4.28	.00225	PASS
		15	LCH	TN	VL	-5.98	-.00322	PASS
					VN	-15.75	-.00848	PASS
					VH	5.06	.00272	PASS
			MCH	TN	VL	-11.27	-.00599	PASS
					VN	-16.57	-.00881	PASS
					VH	-17.45	-.00928	PASS
			HCH	TN	VL	-3.23	-.0017	PASS
					VN	-9.67	-.00508	PASS
					VH	-14.28	-.00751	PASS
		20	LCH	TN	VL	5.12	.00275	PASS
					VN	-1.99	-.00107	PASS
					VH	-7.34	-.00395	PASS
			MCH	TN	VL	0.84	.00045	PASS
					VN	-3.95	-.0021	PASS
					VH	-8.00	-.00426	PASS
			HCH	TN	VL	-2.23	-.00117	PASS
					VN	-5.55	-.00292	PASS
					VH	-10.90	-.00574	PASS
BAND4	LTE/TM1	1.4	LCH	TN	VL	-3.96	-.00231	PASS
					VN	-4.76	-.00278	PASS
					VH	-5.59	-.00327	PASS
			MCH	TN	VL	3.71	.00214	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	TN	VN	1.12	.00065	PASS
					VH	-0.67	-.00039	PASS
					VL	-5.02	-.00286	PASS
					VN	-4.43	-.00253	PASS
					VH	-5.69	-.00324	PASS
					VH	-5.69	-.00324	PASS
		3	LCH	TN	VL	-1.50	-.00088	PASS
					VN	-1.72	-.001	PASS
					VH	-1.34	-.00078	PASS
			MCH	TN	VL	11.32	.00653	PASS
					VN	9.31	.00537	PASS
					VH	9.61	.00555	PASS
			HCH	TN	VL	-5.42	-.00309	PASS
					VN	-3.13	-.00179	PASS
					VH	-4.75	-.00271	PASS
		5	LCH	TN	VL	-3.08	-.0018	PASS
					VN	-5.34	-.00312	PASS
					VH	-4.62	-.0027	PASS
			MCH	TN	VL	8.24	.00476	PASS
					VN	7.15	.00413	PASS
					VH	6.14	.00354	PASS
			HCH	TN	VL	-3.16	-.0018	PASS
					VN	-2.86	-.00163	PASS
					VH	-0.97	-.00055	PASS
		10	LCH	TN	VL	0.27	.00016	PASS
					VN	-1.12	-.00065	PASS
					VH	1.29	.00075	PASS
			MCH	TN	VL	5.16	.00298	PASS
					VN	3.53	.00204	PASS
					VH	3.06	.00177	PASS
			HCH	TN	VL	3.08	.00176	PASS
					VN	4.53	.00259	PASS
					VH	2.33	.00133	PASS
		15	LCH	TN	VL	-6.41	-.00373	PASS
					VN	-7.37	-.00429	PASS
					VH	-5.21	-.00303	PASS
			MCH	TN	VL	0.89	.00051	PASS
					VN	2.57	.00148	PASS
					VH	1.42	.00082	PASS
			HCH	TN	VL	-2.42	-.00138	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-4.16	-.00238	PASS
					VH	-2.13	-.00122	PASS
		20	LCH	TN	VL	-1.52	-.00088	PASS
					VN	-1.95	-.00113	PASS
					VH	0.10	.00006	PASS
			MCH	TN	VL	0.20	.00012	PASS
					VN	-0.37	-.00021	PASS
					VH	-2.75	-.00159	PASS
			HCH	TN	VL	3.53	.00202	PASS
					VN	3.71	.00213	PASS
					VH	5.04	.00289	PASS
	LTE/TM2	1.4	LCH	TN	VL	-4.78	-.00279	PASS
					VN	-5.05	-.00295	PASS
					VH	-6.88	-.00402	PASS
			MCH	TN	VL	1.49	.00086	PASS
					VN	2.53	.00146	PASS
					VH	1.53	.00088	PASS
			HCH	TN	VL	-7.94	-.00453	PASS
					VN	-4.03	-.0023	PASS
					VH	-3.49	-.00199	PASS
		3	LCH	TN	VL	-3.52	-.00206	PASS
					VN	-2.49	-.00145	PASS
					VH	-2.66	-.00155	PASS
			MCH	TN	VL	-0.23	-.00013	PASS
					VN	0.07	.00004	PASS
					VH	-3.69	-.00213	PASS
			HCH	TN	VL	-6.31	-.0036	PASS
					VN	-9.28	-.00529	PASS
					VH	-4.85	-.00277	PASS
		5	LCH	TN	VL	-5.85	-.00342	PASS
					VN	-4.94	-.00288	PASS
					VH	-5.22	-.00305	PASS
			MCH	TN	VL	0.33	.00019	PASS
					VN	-0.39	-.00023	PASS
					VH	-0.69	-.0004	PASS
			HCH	TN	VL	-2.59	-.00148	PASS
					VN	-2.29	-.00131	PASS
					VH	-2.35	-.00134	PASS
		10	LCH	TN	VL	0.73	.00043	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	2.05	.0012	PASS
					VH	-2.78	-.00162	PASS
					VL	1.95	.00113	PASS
					VN	2.50	.00144	PASS
					VH	1.30	.00075	PASS
					VL	3.45	.00197	PASS
			MCH	TN	VN	2.39	.00137	PASS
					VH	0.20	.00011	PASS
			HCH	TN	VL	-6.71	-.00391	PASS
					VN	-6.35	-.0037	PASS
					VH	-6.25	-.00364	PASS
					VL	-0.04	-.00002	PASS
		15	LCH	TN	VN	-3.71	-.00214	PASS
					VH	-2.16	-.00125	PASS
					VL	-3.18	-.00182	PASS
					VN	-4.92	-.00282	PASS
					VH	-1.87	-.00107	PASS
					VL	-1.12	-.00065	PASS
			MCH	TN	VN	-3.48	-.00202	PASS
					VH	-2.03	-.00118	PASS
					VL	0.16	.00009	PASS
					VN	-6.15	-.00355	PASS
					VH	1.13	.00065	PASS
			HCH	TN	VL	2.40	.00138	PASS
					VN	3.79	.00217	PASS
					VH	3.30	.00189	PASS
BAND5	LTE/TM1	1.4	LCH	TN	VL	-0.47	-.00057	PASS
					VN	-0.49	-.00059	PASS
					VH	-2.09	-.00253	PASS
			MCH	TN	VL	0.30	.00036	PASS
					VN	1.07	.00128	PASS
					VH	-0.99	-.00118	PASS
			HCH	TN	VL	-6.69	-.00789	PASS
					VN	-2.32	-.00273	PASS
					VH	-4.78	-.00563	PASS
		3	LCH	TN	VL	-2.68	-.00325	PASS
					VN	-1.96	-.00237	PASS
					VH	-2.43	-.00294	PASS
			MCH	TN	VL	1.67	.002	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2		HCH	TN	VN	1.10	.00132	PASS
					VH	0.24	.00029	PASS
					VL	-41.86	-.04939	PASS
					VN	-44.35	-.05233	PASS
					VH	-46.52	-.05489	PASS
					VL	-0.94	-.00114	PASS
		5	LCH	TN	VN	-1.34	-.00162	PASS
					VH	-1.60	-.00194	PASS
					VL	0.33	.00039	PASS
			MCH	TN	VN	0.09	.00011	PASS
					VH	-0.57	-.00068	PASS
					VL	-3.26	-.00385	PASS
			HCH	TN	VN	-3.36	-.00397	PASS
					VH	-3.95	-.00467	PASS
					VL	0.69	.00083	PASS
		10	LCH	TN	VN	0.06	.00007	PASS
					VH	0.64	.00077	PASS
					VL	0.41	.00049	PASS
			MCH	TN	VN	1.07	.00128	PASS
					VH	-0.64	-.00077	PASS
					VL	1.27	.0015	PASS
			HCH	TN	VN	2.25	.00267	PASS
					VH	0.67	.00079	PASS
					VL	-0.59	-.00072	PASS
		1.4	LCH	TN	VN	-1.16	-.00141	PASS
					VH	-0.84	-.00102	PASS
					VL	1.65	.00197	PASS
			MCH	TN	VN	-0.74	-.00088	PASS
					VH	0.37	.00044	PASS
					VL	-2.49	-.00294	PASS
			HCH	TN	VN	-4.51	-.00532	PASS
					VH	-2.96	-.00349	PASS
					VL	-2.36	-.00286	PASS
		3	LCH	TN	VN	-2.63	-.00319	PASS
					VH	-3.29	-.00399	PASS
					VL	0.10	.00012	PASS
			MCH	TN	VN	0.33	.00039	PASS
					VH	1.80	.00215	PASS
					VL	-41.08	-.04847	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-43.14	-.0509	PASS
					VH	-38.57	-.04551	PASS
		5	LCH	TN	VL	-0.20	-.00024	PASS
					VN	-0.99	-.0012	PASS
					VH	-1.30	-.00157	PASS
			MCH	TN	VL	0.46	.00055	PASS
					VN	1.43	.00171	PASS
					VH	0.17	.0002	PASS
			HCH	TN	VL	-2.59	-.00306	PASS
					VN	-2.96	-.0035	PASS
					VH	-2.59	-.00306	PASS
		10	LCH	TN	VL	-0.24	-.00029	PASS
					VN	0.27	.00033	PASS
					VH	-0.83	-.001	PASS
			MCH	TN	VL	0.20	.00024	PASS
					VN	-0.36	-.00043	PASS
					VH	0.39	.00047	PASS
			HCH	TN	VL	1.59	.00188	PASS
					VN	1.17	.00139	PASS
					VH	0.30	.00036	PASS
BAND7	LTE/TM1	5	LCH	TN	VL	-7.32	-0.00293	PASS
					VN	-1.72	-0.00069	PASS
					VH	-7.12	-0.00285	PASS
			MCH	TN	VL	-3.28	-0.00129	PASS
					VN	-2.19	-0.00086	PASS
					VH	-1	-0.00039	PASS
			HCH	TN	VL	-5.04	-0.00196	PASS
					VN	-12.17	-0.00474	PASS
					VH	13.46	0.00524	PASS
		10	LCH	TN	VL	-8.2	-0.00327	PASS
					VN	-3.99	-0.00159	PASS
					VH	-4.28	-0.00171	PASS
			MCH	TN	VL	9.38	0.0037	PASS
					VN	-3.52	-0.00139	PASS
					VH	-17.12	-0.00675	PASS
			HCH	TN	VL	-4.25	-0.00166	PASS
					VN	-13.42	-0.00523	PASS
					VH	4.66	0.00182	PASS
		15	LCH	TN	VL	4.69	0.00187	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	5.52	0.0022	PASS
					VH	-4.79	-0.00191	PASS
			MCH	TN	VL	-4.16	-0.00164	PASS
					VN	-7.51	-0.00296	PASS
					VH	8.87	0.0035	PASS
			HCH	TN	VL	-2.36	-0.00092	PASS
					VN	-20.61	-0.00804	PASS
					VH	-1.36	-0.00053	PASS
		20	LCH	TN	VL	-2.2	-0.00088	PASS
					VN	-16.51	-0.00658	PASS
					VH	-10.94	-0.00436	PASS
			MCH	TN	VL	-11.19	-0.00441	PASS
					VN	4.05	0.0016	PASS
					VH	-12.87	-0.00508	PASS
			HCH	TN	VL	0.73	0.00029	PASS
					VN	3.15	0.00123	PASS
					VH	-9.67	-0.00378	PASS
	LTE/TM2	5	LCH	TN	VL	-1.96	-0.00078	PASS
					VN	-1.62	-0.00065	PASS
					VH	-0.99	-0.0004	PASS
			MCH	TN	VL	8.51	0.00336	PASS
					VN	7.38	0.00291	PASS
					VH	7.48	0.00295	PASS
			HCH	TN	VL	11.9	0.00463	PASS
					VN	10.69	0.00416	PASS
					VH	8.43	0.00328	PASS
		10	LCH	TN	VL	1.13	0.00045	PASS
					VN	-3.75	-0.0015	PASS
					VH	-4.55	-0.00182	PASS
			MCH	TN	VL	-9.28	-0.00366	PASS
					VN	-11.34	-0.00447	PASS
					VH	-13.79	-0.00544	PASS
			HCH	TN	VL	-21.44	-0.00836	PASS
					VN	10.26	0.004	PASS
					VH	7.25	0.00283	PASS
		15	LCH	TN	VL	9.97	0.00398	PASS
					VN	0.73	0.00029	PASS
					VH	10.2	0.00407	PASS
			MCH	TN	VL	-8.7	-0.00343	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	TN	VN	-11	-0.00434	PASS
					VH	6.69	0.00264	PASS
					VL	-17.51	-0.00683	PASS
					VN	1.6	0.00062	PASS
					VH	-3.65	-0.00142	PASS
		20	LCH	TN	VL	-13.05	-0.0052	PASS
					VN	-11.34	-0.00452	PASS
					VH	0.17	0.00007	PASS
			MCH	TN	VL	11.8	0.00465	PASS
					VN	-2.43	-0.00096	PASS
					VH	-10.71	-0.00422	PASS
			HCH	TN	VL	0.9	0.00035	PASS
					VN	-5.69	-0.00222	PASS
					VH	-9.36	-0.00366	PASS
BAND12	LTE/TM1	1.4	LCH	TN	VL	-1.46	-.00209	PASS
					VN	-2.37	-.00339	PASS
					VH	-1.69	-.00242	PASS
			MCH	TN	VL	-10.70	-.01512	PASS
					VN	-14.43	-.0204	PASS
					VH	-12.29	-.01737	PASS
			HCH	TN	VL	-3.95	-.00552	PASS
					VN	-5.45	-.00762	PASS
					VH	-4.72	-.0066	PASS
		3	LCH	TN	VL	-7.67	-.01095	PASS
					VN	-8.61	-.01229	PASS
					VH	-7.32	-.01045	PASS
			MCH	TN	VL	-5.21	-.00736	PASS
					VN	-3.26	-.00461	PASS
					VH	-5.92	-.00837	PASS
			HCH	TN	VL	-79.72	-.11157	PASS
					VN	-75.89	-.10621	PASS
					VH	-75.70	-.10595	PASS
		5	LCH	TN	VL	-0.64	-.00091	PASS
					VN	-1.86	-.00265	PASS
					VH	-1.75	-.00249	PASS
			MCH	TN	VL	-2.75	-.00389	PASS
					VN	-2.76	-.0039	PASS
					VH	-2.00	-.00283	PASS
			HCH	TN	VL	-0.93	-.0013	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	0.19	.00027	PASS
					VH	-1.32	-.00185	PASS
		10	LCH	TN	VL	-1.92	-.00273	PASS
					VN	-1.80	-.00256	PASS
					VH	-1.44	-.00205	PASS
			MCH	TN	VL	-1.07	-.00151	PASS
					VN	-0.74	-.00105	PASS
					VH	-1.59	-.00225	PASS
			HCH	TN	VL	-0.66	-.00093	PASS
					VN	-2.50	-.00352	PASS
					VH	-2.03	-.00286	PASS
	LTE/TM2	1.4	LCH	TN	VL	-1.22	-.00174	PASS
					VN	-0.44	-.00063	PASS
					VH	0.16	.00023	PASS
			MCH	TN	VL	-7.68	-.01086	PASS
					VN	-9.01	-.01273	PASS
					VH	-7.75	-.01095	PASS
			HCH	TN	VL	0.21	.00029	PASS
					VN	0.07	.0001	PASS
					VH	1.42	.00199	PASS
		3	LCH	TN	VL	-6.61	-.00944	PASS
					VN	-6.51	-.00929	PASS
					VH	-8.05	-.01149	PASS
			MCH	TN	VL	-4.86	-.00687	PASS
					VN	-4.95	-.007	PASS
					VH	-2.75	-.00389	PASS
			HCH	TN	VL	-68.44	-.09579	PASS
					VN	-62.87	-.08799	PASS
					VH	-63.00	-.08817	PASS
		5	LCH	TN	VL	-1.44	-.00205	PASS
					VN	-1.76	-.00251	PASS
					VH	-2.10	-.00299	PASS
			MCH	TN	VL	-3.20	-.00452	PASS
					VN	-2.53	-.00358	PASS
					VH	-3.18	-.00449	PASS
			HCH	TN	VL	-1.59	-.00223	PASS
					VN	-1.14	-.0016	PASS
					VH	-1.85	-.00259	PASS
		10	LCH	TN	VL	-2.22	-.00315	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-1.10	-.00156	PASS
					VH	-0.33	-.00047	PASS
					VL	0.50	.00071	PASS
			MCH	TN	VN	-0.07	-.0001	PASS
					VH	-1.10	-.00155	PASS
					VL	-1.20	-.00169	PASS
			HCH	TN	VN	-1.14	-.0016	PASS
					VH	-0.84	-.00118	PASS
					VL	-1.20	-.00169	PASS
BAND17	LTE/TM1	5	LCH	TN	VL	-8.77	-.01241	PASS
					VN	-6.82	-.00965	PASS
					VH	-8.25	-.01168	PASS
			MCH	TN	VL	-0.43	-.00061	PASS
					VN	0.62	.00087	PASS
					VH	-1.47	-.00207	PASS
			HCH	TN	VL	-1.04	-.00146	PASS
					VN	-1.40	-.00196	PASS
					VH	-0.37	-.00052	PASS
		10	LCH	TN	VL	-1.00	-.00141	PASS
					VN	-1.70	-.0024	PASS
					VH	-0.40	-.00056	PASS
			MCH	TN	VL	4.58	.00645	PASS
					VN	5.21	.00734	PASS
					VH	5.49	.00773	PASS
			HCH	TN	VL	-5.72	-.00805	PASS
					VN	-1.50	-.00211	PASS
					VH	-2.13	-.003	PASS
	LTE/TM2	5	LCH	TN	VL	-7.98	-.0113	PASS
					VN	-7.31	-.01035	PASS
					VH	-8.15	-.01154	PASS
			MCH	TN	VL	-0.90	-.00127	PASS
					VN	-0.47	-.00066	PASS
					VH	0.04	.00006	PASS
			HCH	TN	VL	-0.96	-.00135	PASS
					VN	-0.50	-.0007	PASS
					VH	-1.77	-.00248	PASS
		10	LCH	TN	VL	0.36	.00051	PASS
					VN	1.26	.00178	PASS
					VH	0.66	.00093	PASS
			MCH	TN	VL	4.95	.00697	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	4.22	.00594	PASS
					VH	5.08	.00715	PASS
			HCH	TN	VL	-0.57	-.0008	PASS
					VN	-0.56	-.00079	PASS
					VH	0.53	.00075	PASS

8.1.2 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
BAND2	LTE/TM1	1.4	LCH	VN	-30	-6.42	-.00347	PASS
					-20	-6.24	-.00337	PASS
					-10	-4.92	-.00266	PASS
					0	-3.22	-.00174	PASS
					10	-1.66	-.0009	PASS
					20	1.99	.00108	PASS
					30	3.71	.002	PASS
					40	5.62	.00304	PASS
					50	7.70	.00416	PASS
			MCH	VN	-30	-14.41	-.00766	PASS
					-20	-12.89	-.00686	PASS
					-10	-13.33	-.00709	PASS
					0	-9.93	-.00528	PASS
					10	-7.21	-.00384	PASS
					20	-5.08	-.0027	PASS
					30	-4.82	-.00256	PASS
					40	-5.56	-.00296	PASS
					50	-3.66	-.00195	PASS
			HCH	VN	-30	-13.02	-.00682	PASS
					-20	-14.02	-.00734	PASS
					-10	-10.13	-.00531	PASS
					0	-9.80	-.00513	PASS
					10	-14.76	-.00773	PASS
					20	4.61	.00241	PASS
					30	3.69	.00193	PASS
					40	0.94	.00049	PASS
					50	-1.87	-.00098	PASS
		3	LCH	VN	-30	-14.95	-.00807	PASS
					-20	-18.95	-.01023	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-19.33	-.01044	PASS
					0	-17.37	-.00938	PASS
					10	-13.60	-.00735	PASS
					20	-13.56	-.00732	PASS
					30	-12.42	-.00671	PASS
					40	-17.44	-.00942	PASS
					50	-16.67	-.009	PASS
			MCH	VN	-30	-17.25	-.00918	PASS
					-20	-17.19	-.00914	PASS
					-10	-13.19	-.00702	PASS
					0	-17.04	-.00906	PASS
					10	-15.09	-.00803	PASS
					20	-18.21	-.00969	PASS
					30	-17.18	-.00914	PASS
					40	-17.42	-.00927	PASS
					50	-16.21	-.00862	PASS
			HCH	VN	-30	2.26	.00118	PASS
					-20	1.96	.00103	PASS
					-10	-2.12	-.00111	PASS
					0	-4.63	-.00243	PASS
					10	-5.49	-.00288	PASS
					20	-7.05	-.00369	PASS
					30	-4.61	-.00242	PASS
					40	-5.55	-.00291	PASS
					50	-6.94	-.00364	PASS
		5	LCH	VN	-30	-4.86	-.00262	PASS
					-20	-6.54	-.00353	PASS
					-10	-6.39	-.00345	PASS
					0	-6.47	-.00349	PASS
					10	-7.54	-.00407	PASS
					20	-6.57	-.00355	PASS
					30	-5.97	-.00322	PASS
					40	-6.87	-.00371	PASS
					50	-8.80	-.00475	PASS
			MCH	VN	-30	-7.67	-.00408	PASS
					-20	-7.44	-.00396	PASS
					-10	-7.84	-.00417	PASS
					0	-7.02	-.00373	PASS
					10	-6.32	-.00336	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	-7.18	-.00382	PASS
					30	-6.54	-.00348	PASS
					40	-4.86	-.00259	PASS
					50	-5.52	-.00294	PASS
			HCH	VN	-30	-6.04	-.00317	PASS
					-20	-7.61	-.00399	PASS
					-10	-10.51	-.00551	PASS
					0	-10.86	-.00569	PASS
					10	-13.13	-.00688	PASS
					20	-12.77	-.00669	PASS
					30	-12.73	-.00667	PASS
					40	-13.06	-.00685	PASS
					50	-10.37	-.00544	PASS
		10	LCH	VN	-30	-4.72	-.00254	PASS
					-20	-9.00	-.00485	PASS
					-10	-11.96	-.00645	PASS
					0	-14.88	-.00802	PASS
					10	-0.86	-.00046	PASS
					20	2.33	.00126	PASS
					30	4.06	.00219	PASS
					40	1.22	.00066	PASS
					50	-0.92	-.0005	PASS
			MCH	VN	-30	-8.48	-.00451	PASS
					-20	-11.16	-.00594	PASS
					-10	-1.57	-.00084	PASS
					0	4.23	.00225	PASS
					10	3.08	.00164	PASS
					20	1.42	.00076	PASS
					30	-0.13	-.00007	PASS
					40	0.24	.00013	PASS
					50	0.50	.00027	PASS
			HCH	VN	-30	9.84	.00517	PASS
					-20	8.55	.00449	PASS
					-10	7.15	.00375	PASS
					0	7.12	.00374	PASS
					10	8.37	.00439	PASS
					20	4.98	.00261	PASS
					30	3.33	.00175	PASS
					40	1.93	.00101	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		15	LCH	VN	50	2.82	.00148	PASS
					-30	-7.70	-.00415	PASS
					-20	-16.67	-.00897	PASS
					-10	4.53	.00244	PASS
					0	-0.73	-.00039	PASS
					10	-8.31	-.00447	PASS
					20	-12.29	-.00662	PASS
					30	-16.64	-.00896	PASS
					40	3.63	.00195	PASS
					50	0.63	.00034	PASS
			MCH	VN	-30	-8.38	-.00446	PASS
					-20	-12.42	-.00661	PASS
					-10	-15.42	-.0082	PASS
					0	-5.89	-.00313	PASS
					10	3.71	.00197	PASS
					20	1.19	.00063	PASS
					30	-2.17	-.00115	PASS
					40	-5.41	-.00288	PASS
					50	-8.03	-.00427	PASS
			HCH	VN	-30	-17.94	-.00943	PASS
					-20	-15.92	-.00837	PASS
					-10	0.30	.00016	PASS
					0	-2.02	-.00106	PASS
					10	-7.42	-.0039	PASS
					20	-8.88	-.00467	PASS
					30	-13.26	-.00697	PASS
					40	-16.71	-.00878	PASS
					50	-16.61	-.00873	PASS
		20	LCH	VN	-30	8.77	.00472	PASS
					-20	2.32	.00125	PASS
					-10	-2.93	-.00158	PASS
					0	-4.73	-.00254	PASS
					10	-9.21	-.00495	PASS
					20	-13.20	-.0071	PASS
					30	-0.10	-.00005	PASS
					40	9.44	.00508	PASS
					50	7.35	.00395	PASS
			MCH	VN	-30	-8.64	-.0046	PASS
					-20	-10.89	-.00579	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-13.45	-.00715	PASS
					0	-15.26	-.00812	PASS
					10	-16.94	-.00901	PASS
					20	-15.81	-.00841	PASS
					30	-0.07	-.00004	PASS
					40	5.45	.0029	PASS
					50	3.22	.00171	PASS
			HCH	VN	-30	-12.57	-.00662	PASS
					-20	-9.78	-.00515	PASS
					-10	7.58	.00399	PASS
					0	3.82	.00201	PASS
					10	4.58	.00241	PASS
					20	3.99	.0021	PASS
					30	1.04	.00055	PASS
					40	1.29	.00068	PASS
					50	-2.32	-.00122	PASS
	LTE/TM2	1.4	LCH	VN	-30	5.09	.00275	PASS
					-20	-2.52	-.00136	PASS
					-10	-9.86	-.00533	PASS
					0	-6.27	-.00339	PASS
					10	-2.68	-.00145	PASS
					20	0.63	.00034	PASS
					30	5.87	.00317	PASS
					40	4.73	.00256	PASS
					50	-9.93	-.00537	PASS
			MCH	VN	-30	-6.90	-.00367	PASS
					-20	-6.28	-.00334	PASS
					-10	-4.48	-.00238	PASS
					0	0.70	.00037	PASS
					10	3.55	.00189	PASS
					20	-1.30	-.00069	PASS
					30	-12.76	-.00679	PASS
					40	-11.03	-.00587	PASS
					50	-11.87	-.00631	PASS
			HCH	VN	-30	-1.07	-.00056	PASS
					-20	-8.17	-.00428	PASS
					-10	-6.71	-.00351	PASS
					0	3.15	.00165	PASS
					10	3.22	.00169	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	-6.75	-.00354	PASS
					30	-13.00	-.00681	PASS
					40	-11.82	-.00619	PASS
					50	-10.61	-.00556	PASS
		3	LCH	VN	-30	-1.73	-.00093	PASS
					-20	-2.76	-.00149	PASS
					-10	-1.60	-.00086	PASS
					0	-0.59	-.00032	PASS
					10	-1.14	-.00062	PASS
					20	-0.74	-.0004	PASS
					30	1.75	.00095	PASS
					40	-4.45	-.0024	PASS
					50	4.33	.00234	PASS
			MCH	VN	-30	0.14	.00007	PASS
					-20	-3.19	-.0017	PASS
					-10	0.74	.00039	PASS
					0	-8.90	-.00473	PASS
					10	-17.81	-.00947	PASS
					20	-14.16	-.00753	PASS
					30	-16.91	-.00899	PASS
					40	-15.02	-.00799	PASS
					50	-13.19	-.00702	PASS
			HCH	VN	-30	-16.21	-.00849	PASS
					-20	-17.37	-.0091	PASS
					-10	-15.25	-.00799	PASS
					0	-16.41	-.0086	PASS
					10	-14.88	-.0078	PASS
					20	-9.90	-.00519	PASS
					30	-16.99	-.0089	PASS
					40	-14.96	-.00784	PASS
					50	-18.77	-.00983	PASS
		5	LCH	VN	-30	6.11	.0033	PASS
					-20	4.55	.00246	PASS
					-10	8.33	.0045	PASS
					0	2.63	.00142	PASS
					10	8.05	.00435	PASS
					20	7.02	.00379	PASS
					30	8.48	.00458	PASS
					40	8.96	.00484	PASS