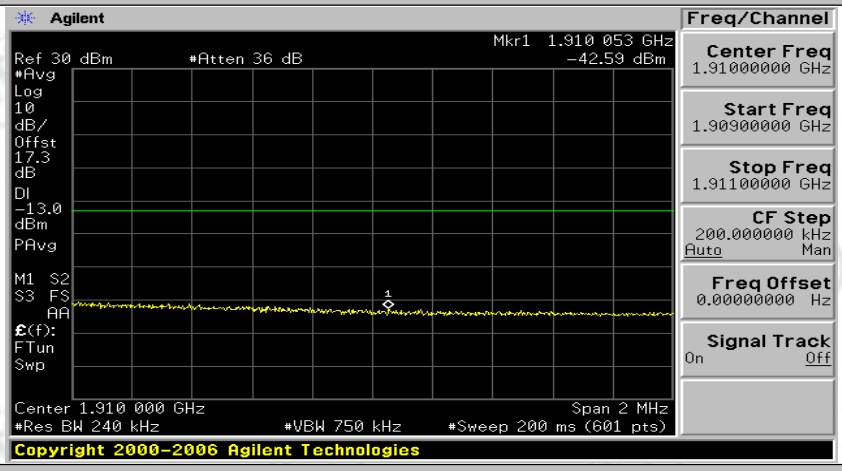
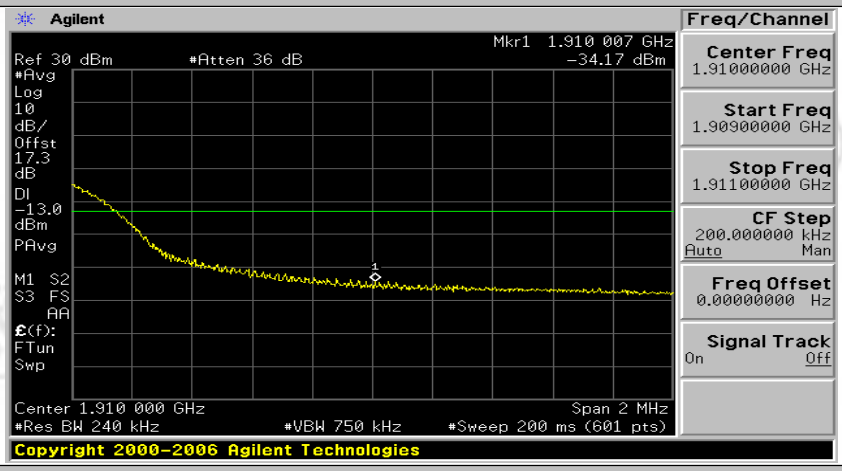
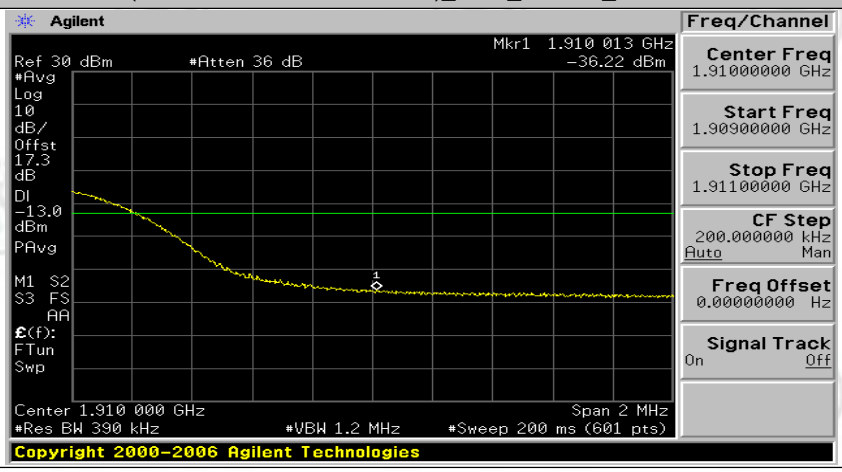
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#50



(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0

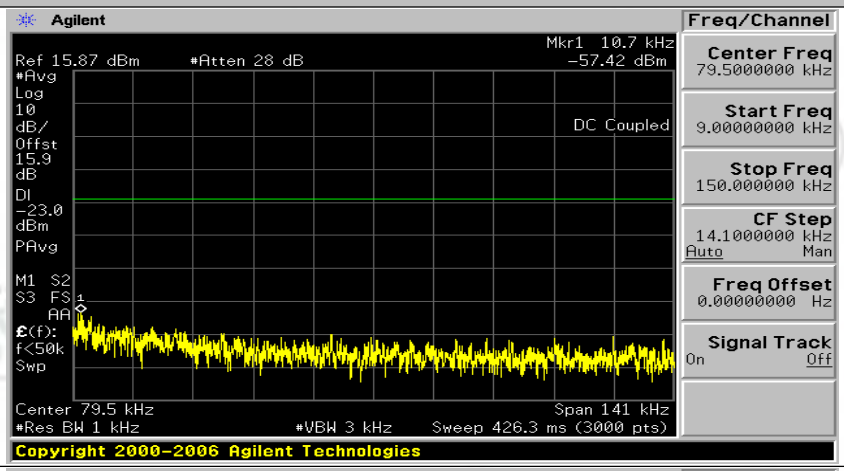


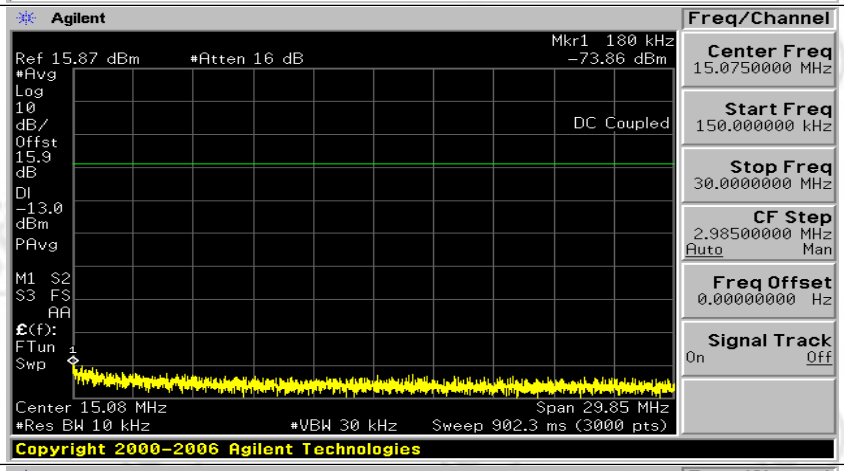
Appendix E: Conducted Spurious Emission

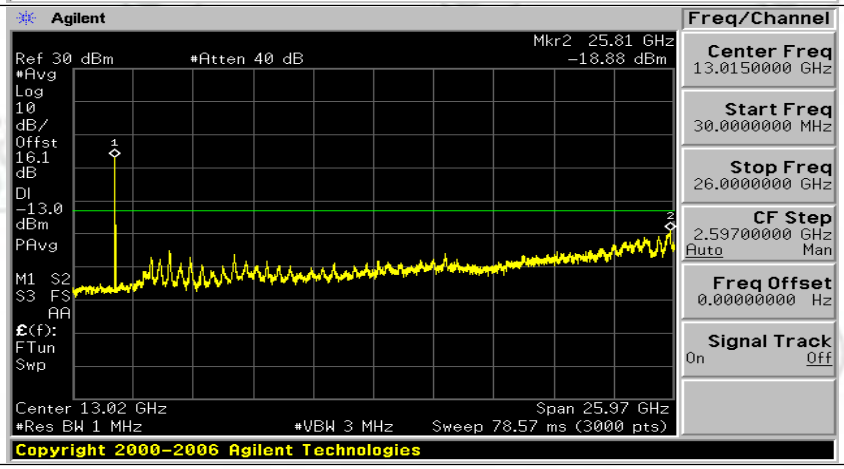
Test Graphs

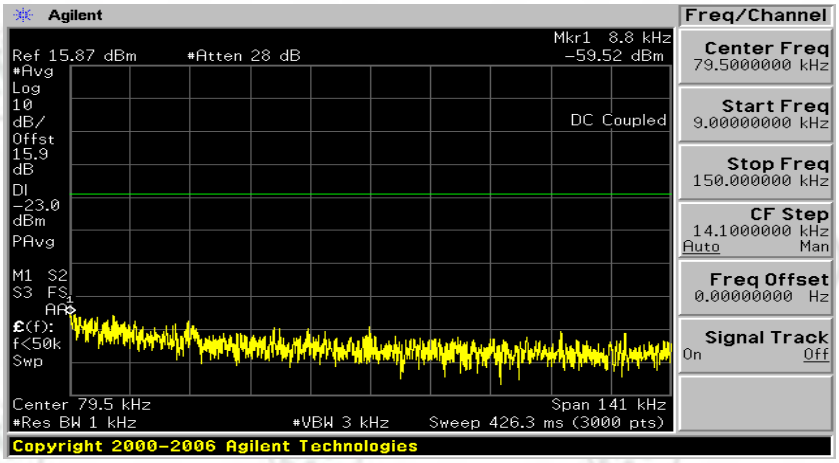
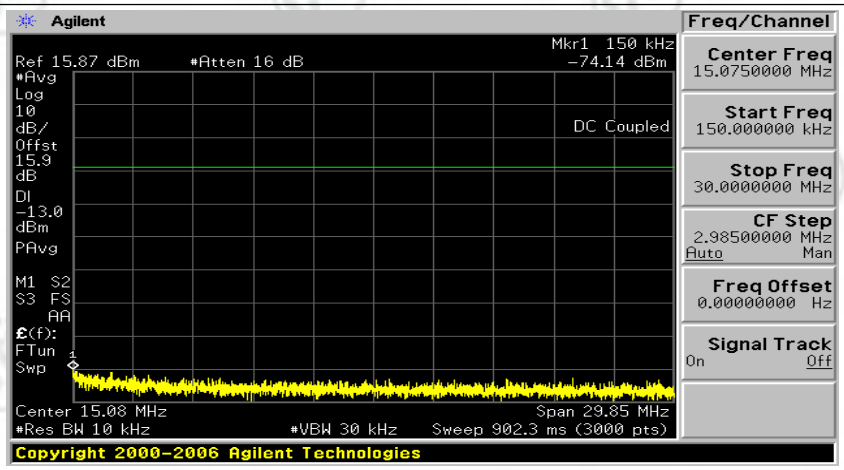
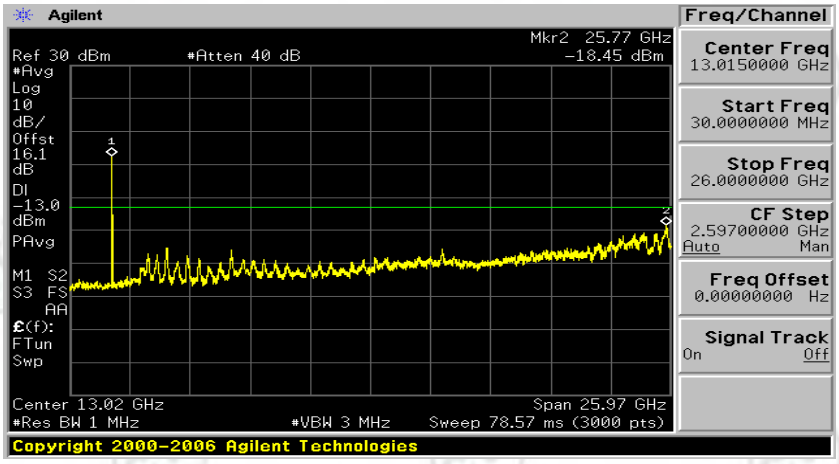
Channel Bandwidth: 1.4 MHz

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0

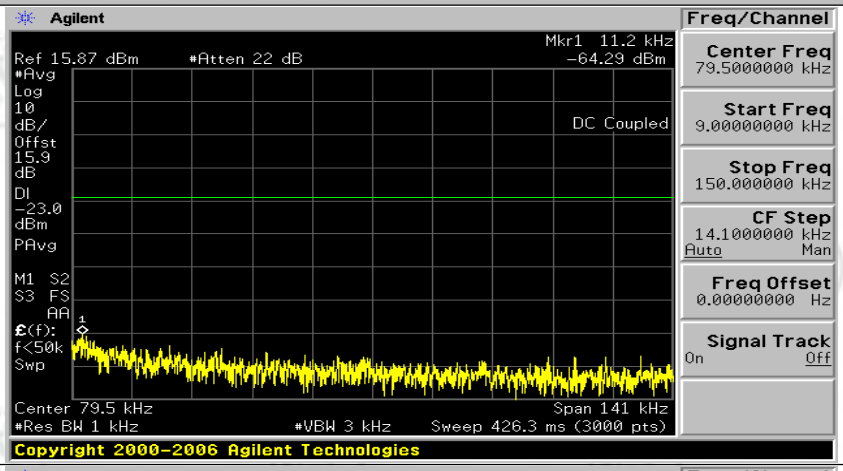


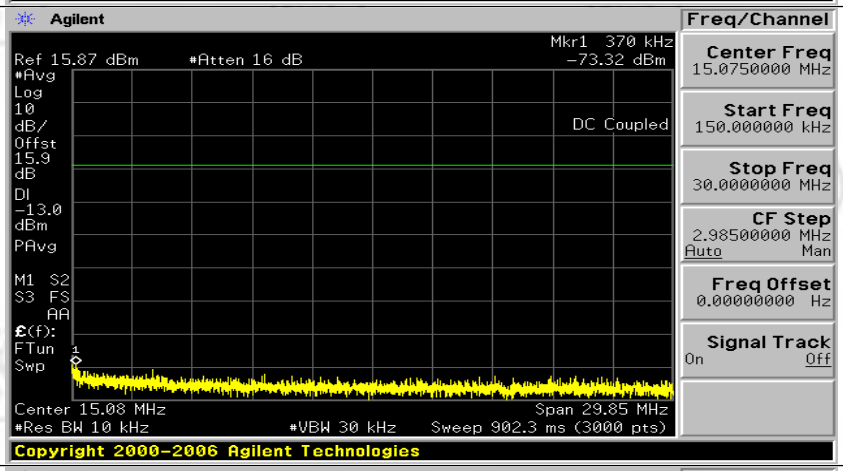


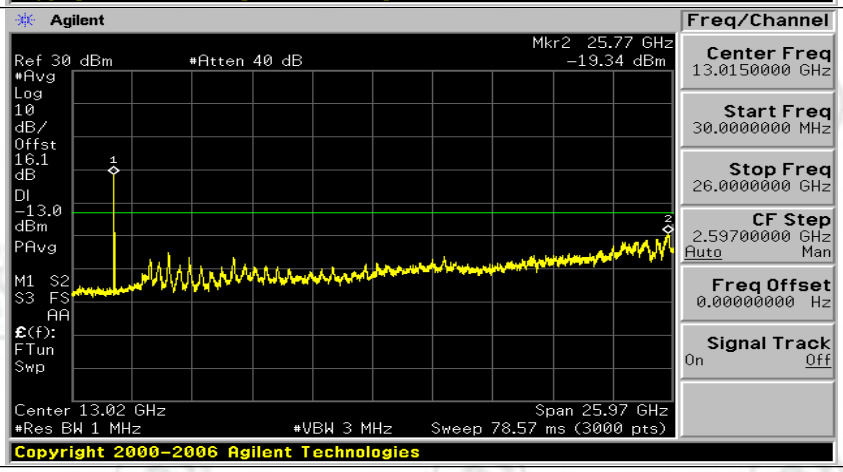


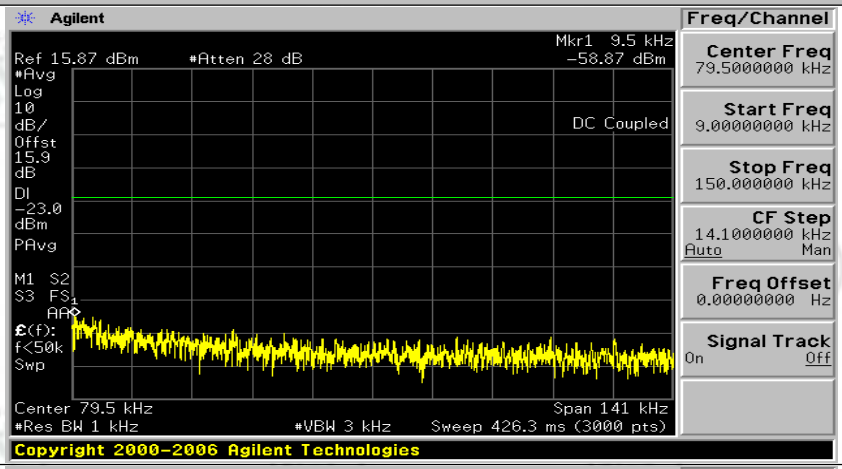
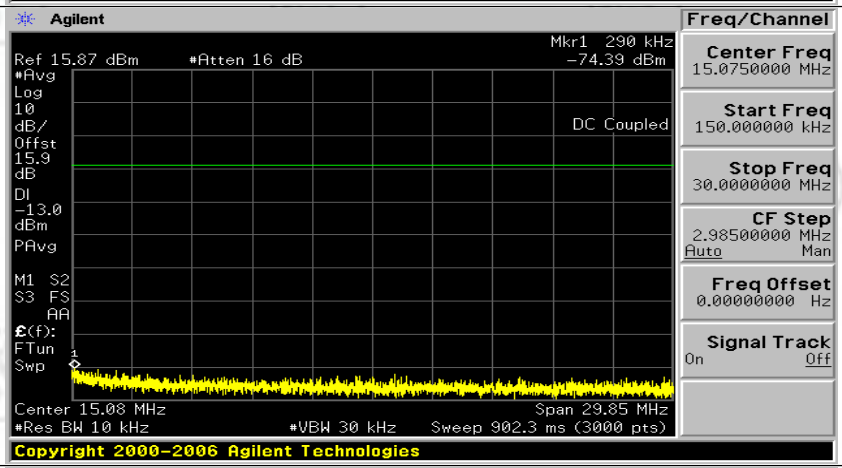
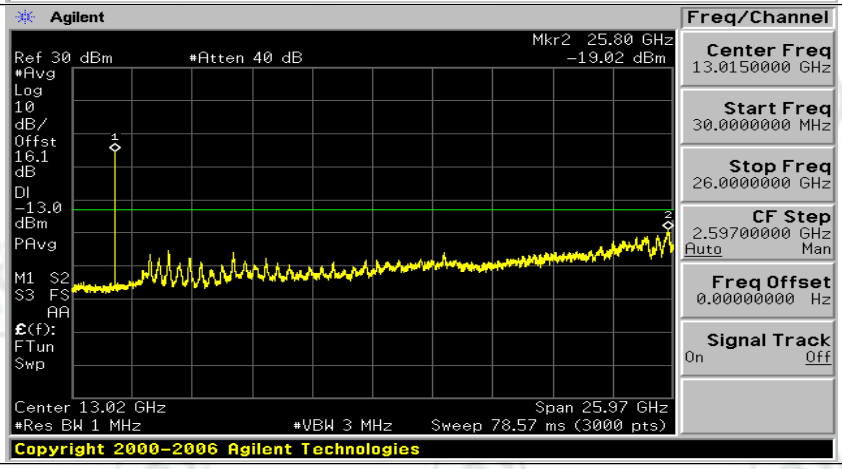
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3




(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5

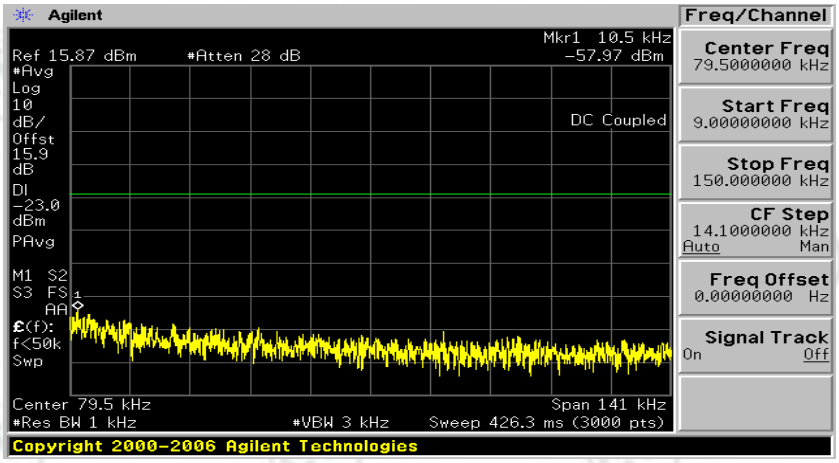


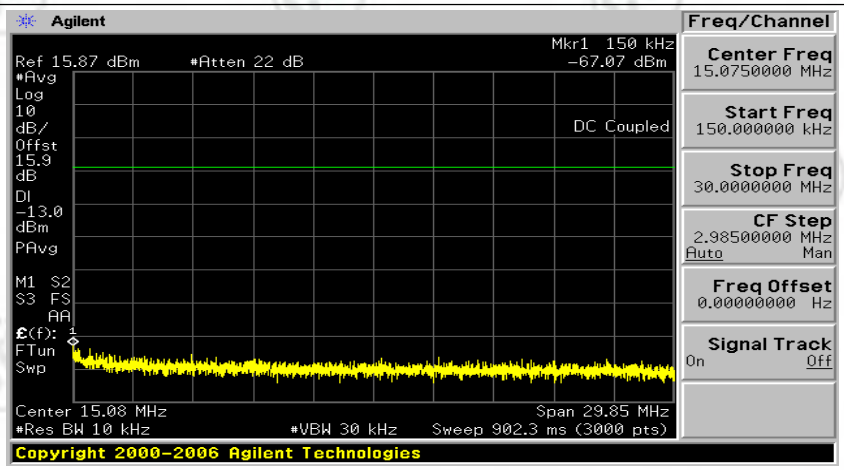


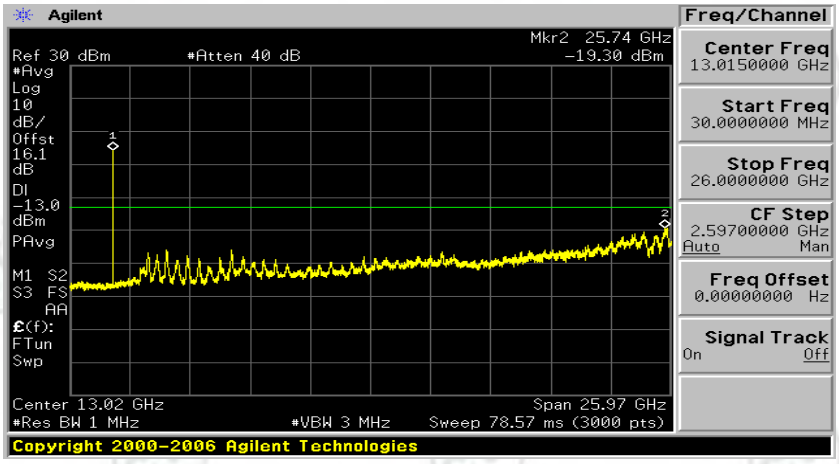


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0




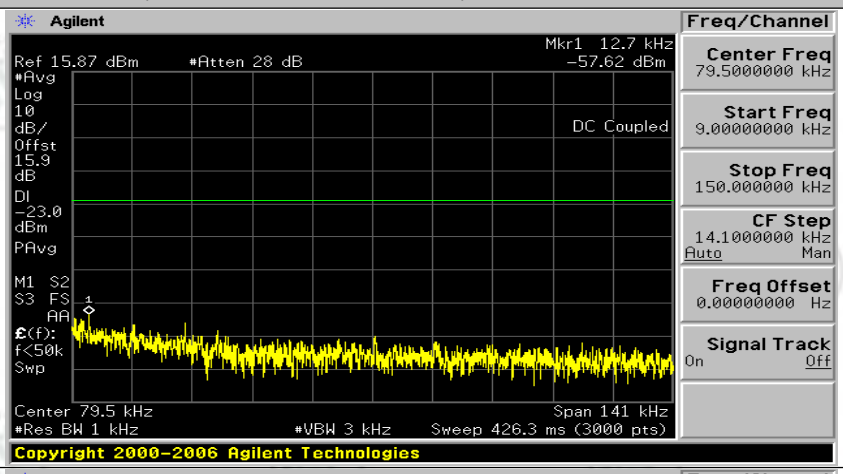
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

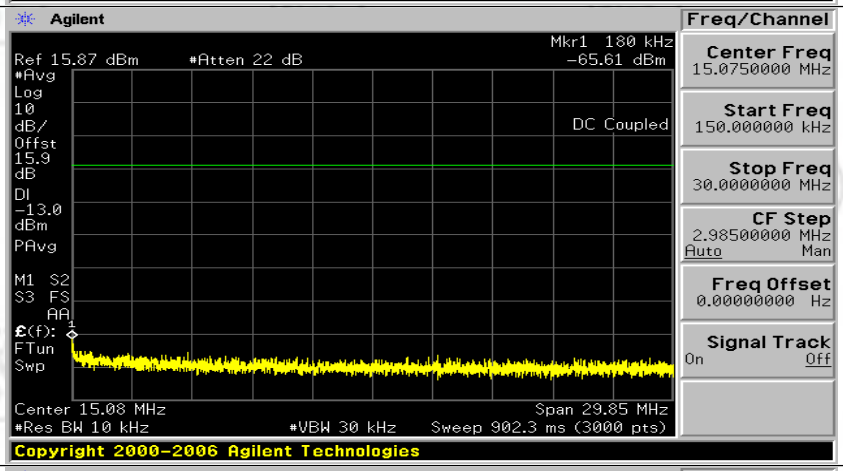


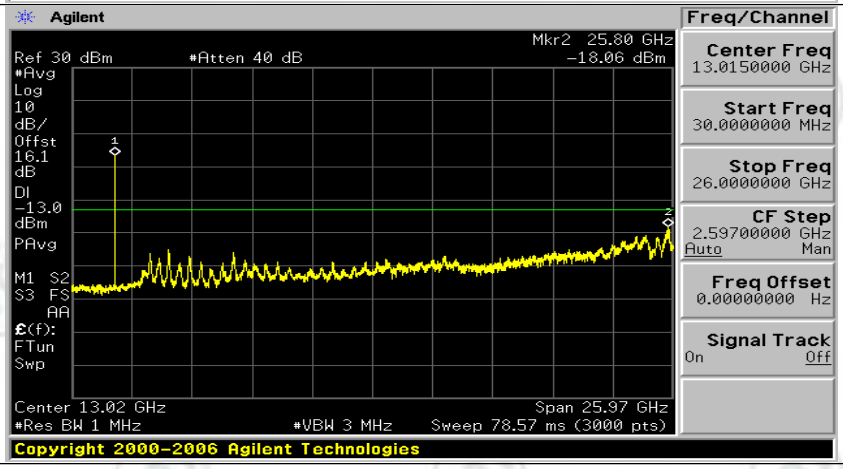




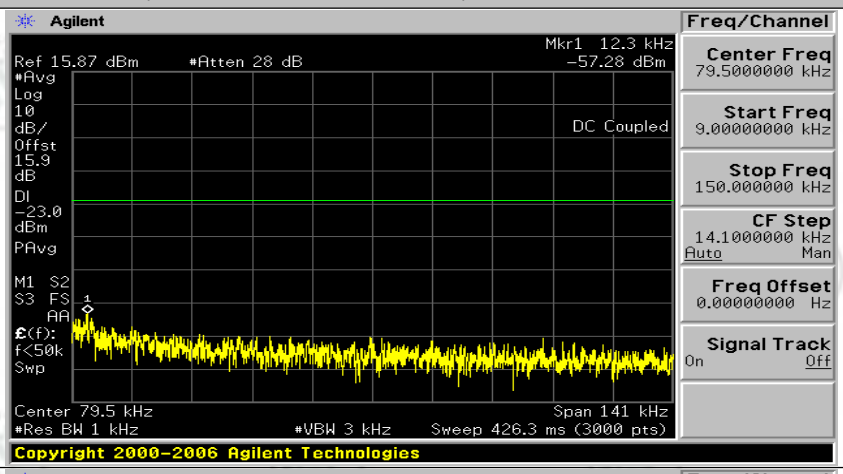
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

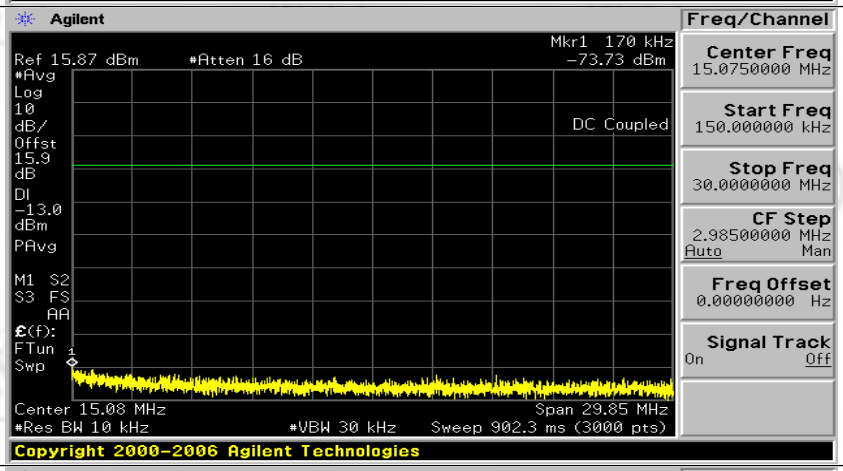


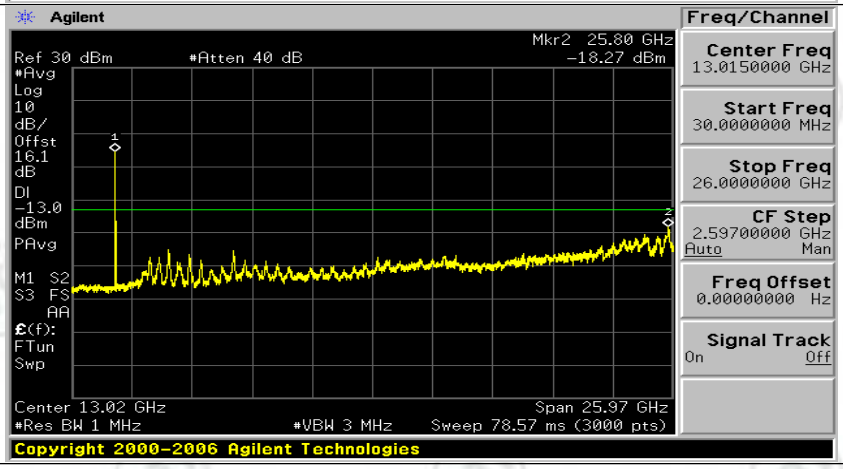




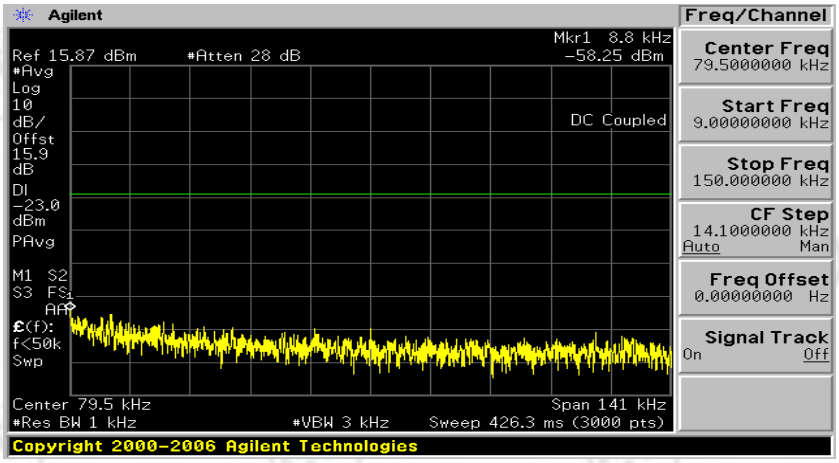
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

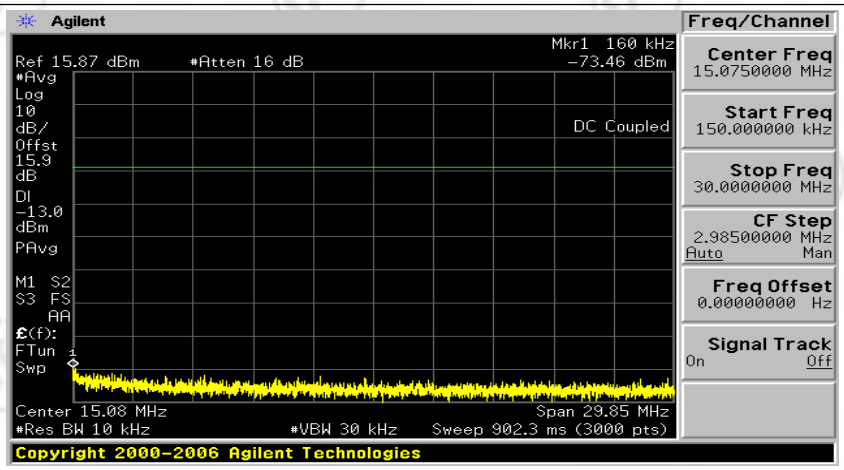


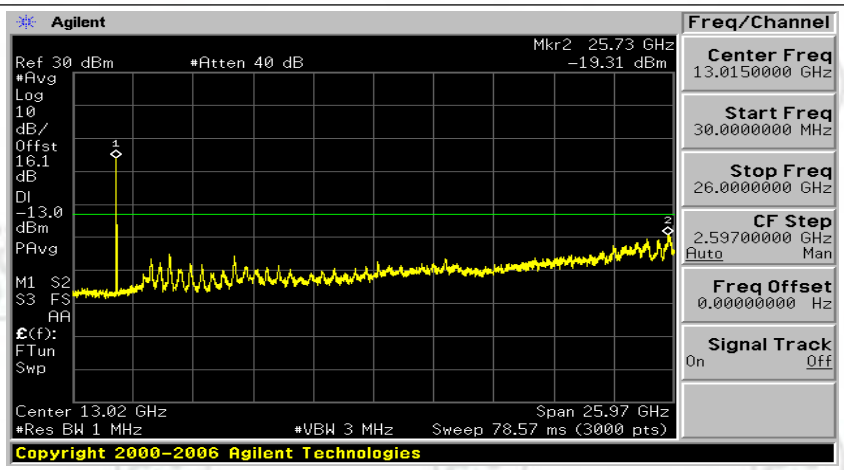




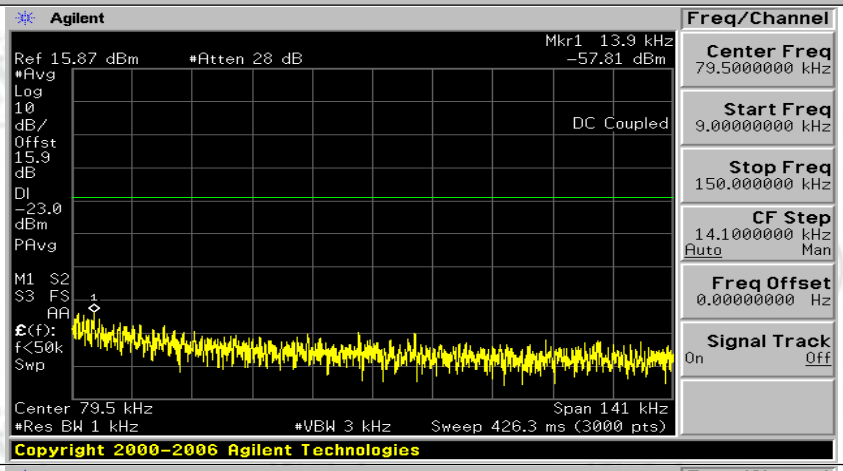
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3

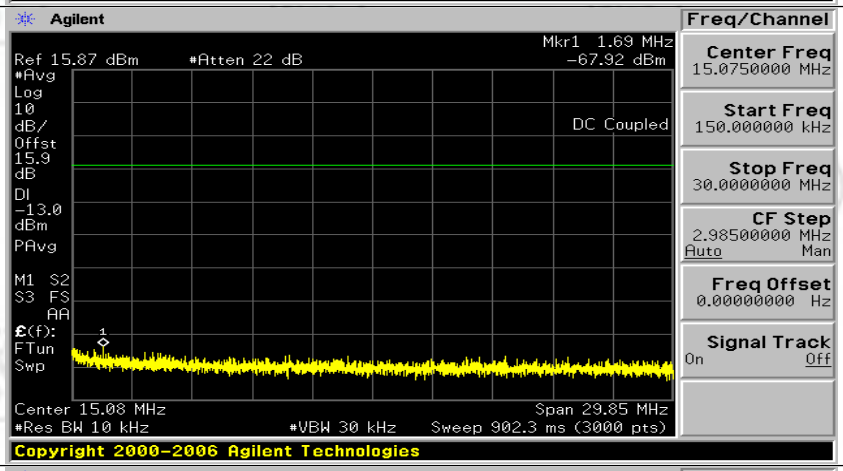


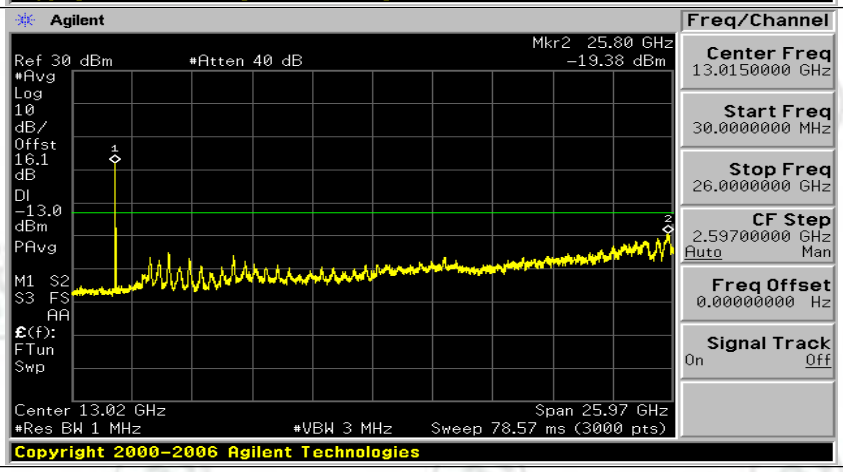


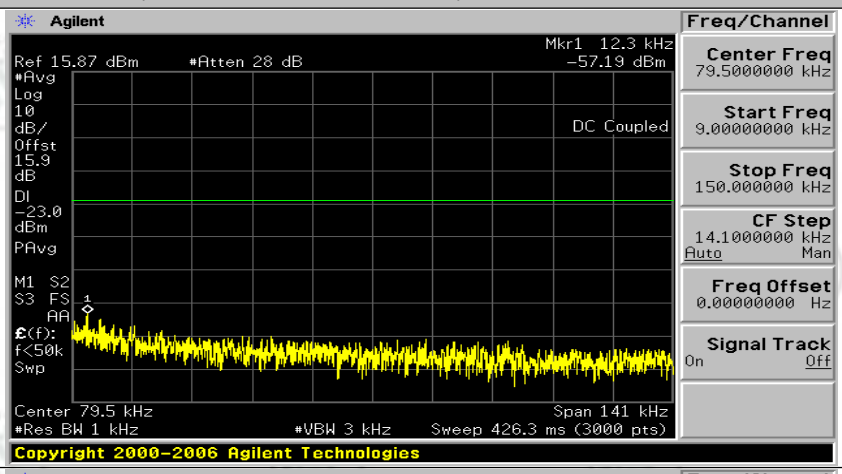
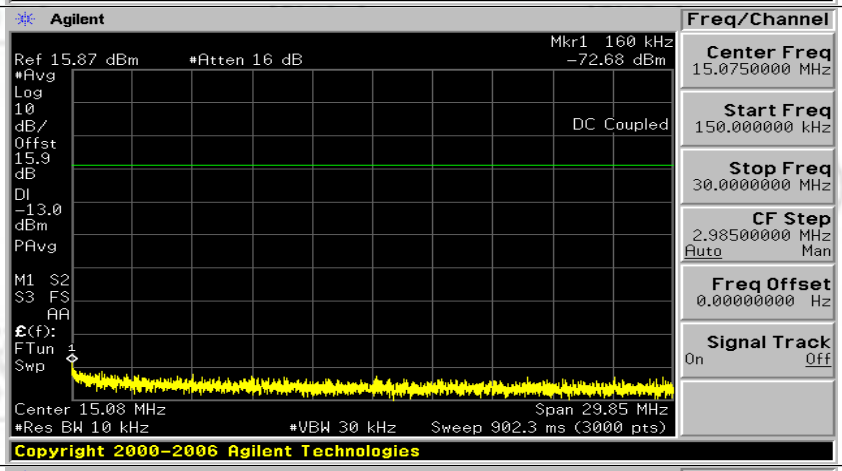
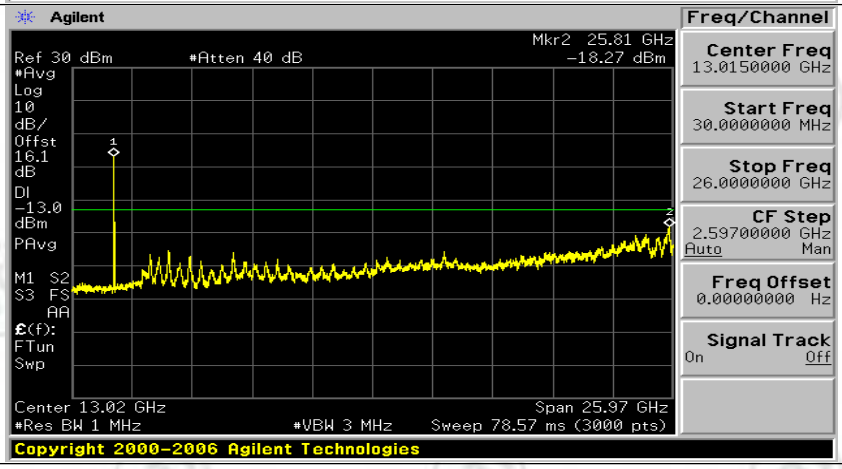


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5







(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0




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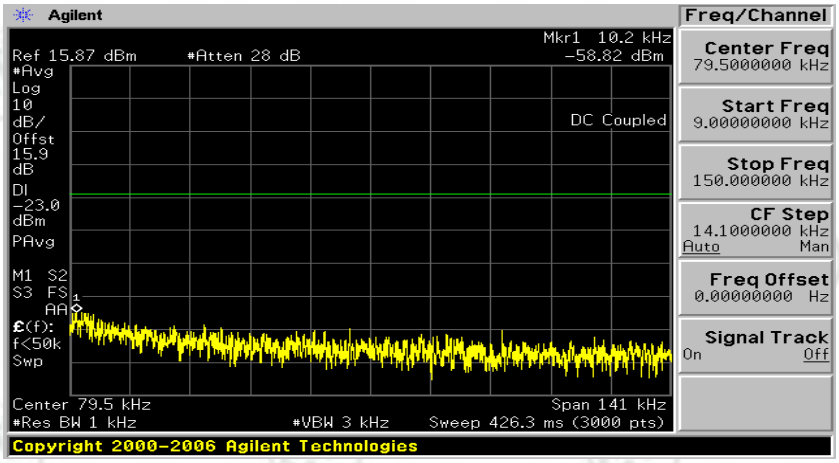
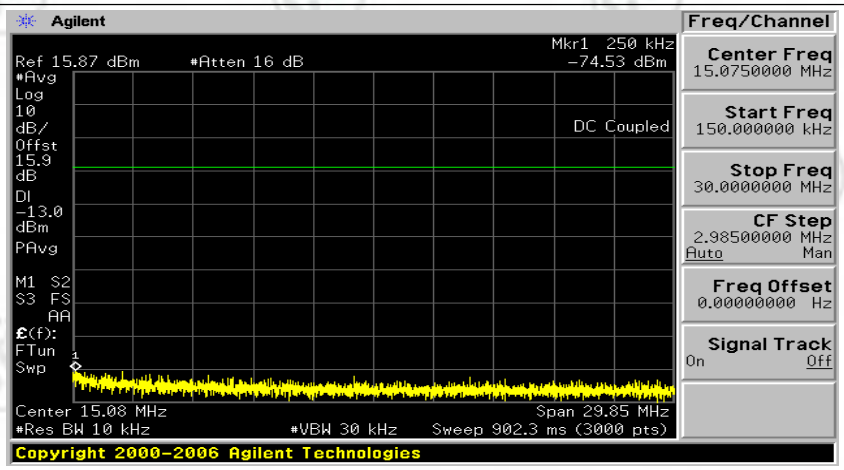
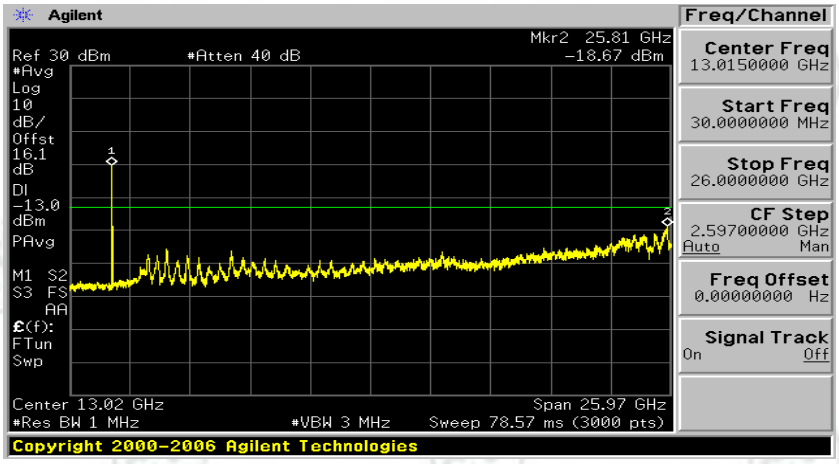
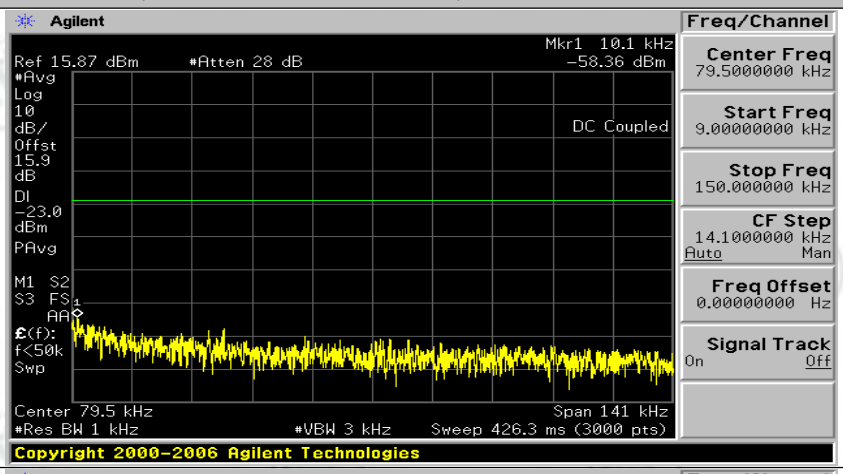
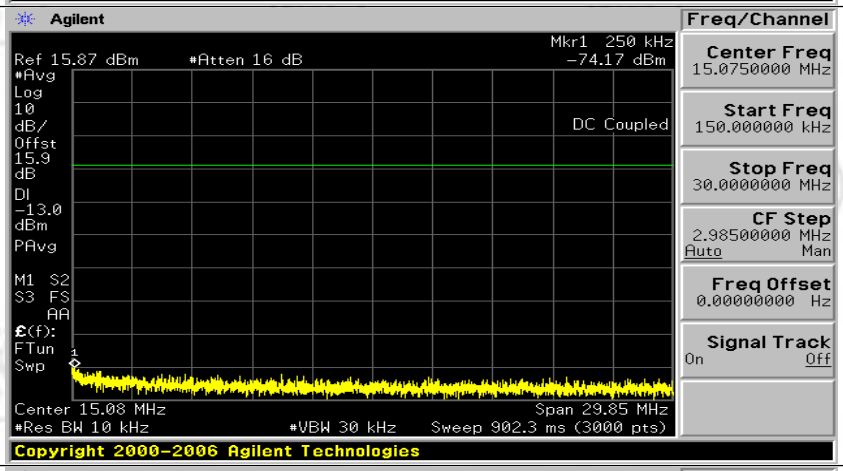
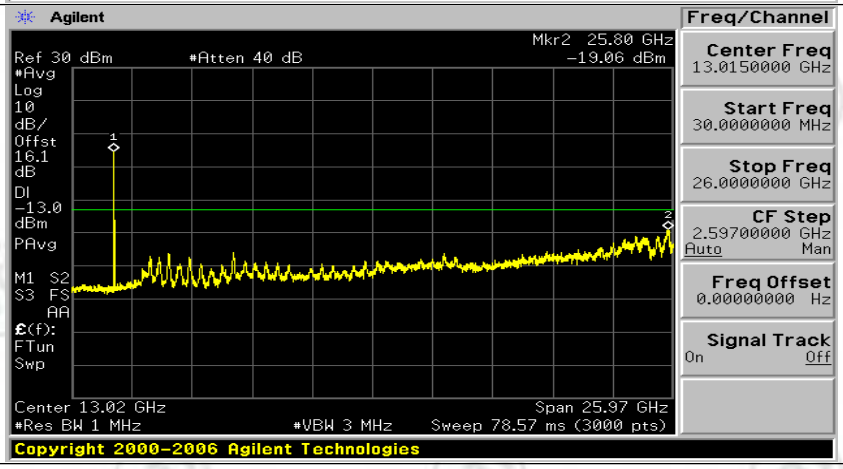
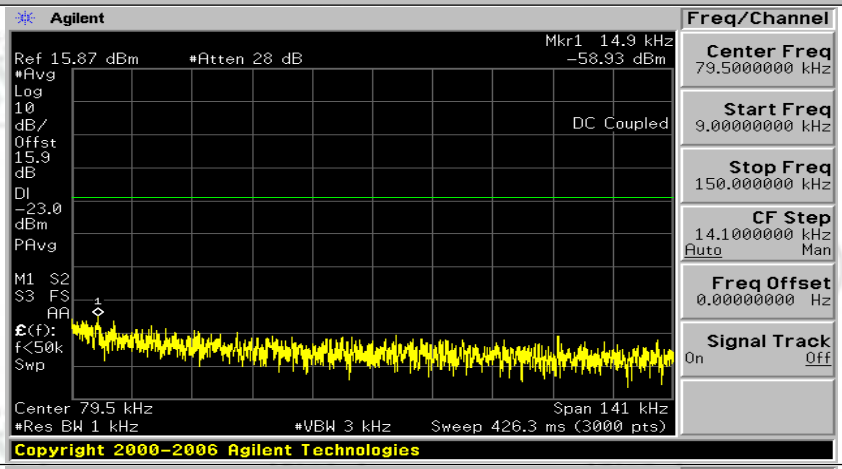
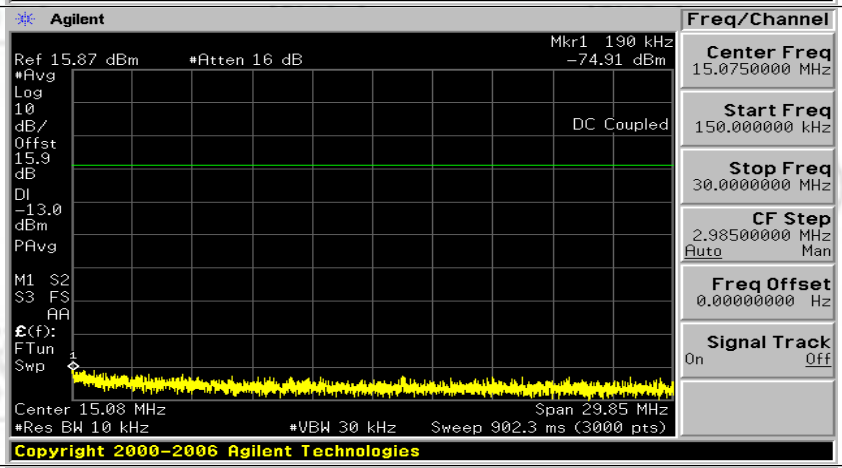
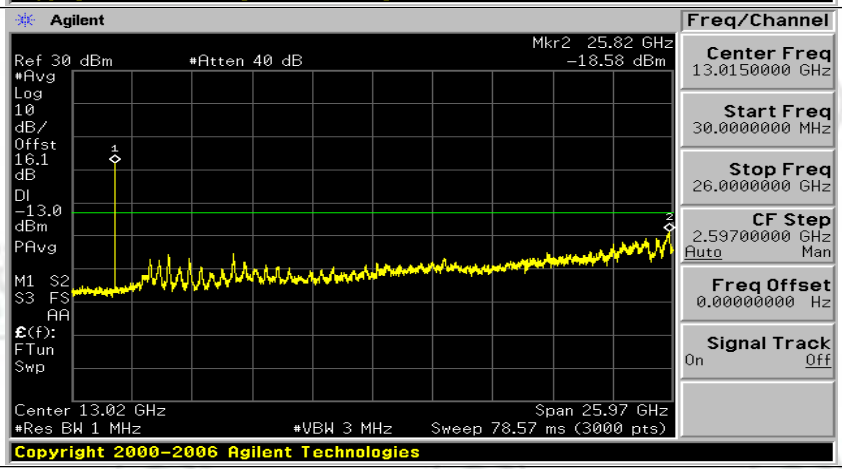




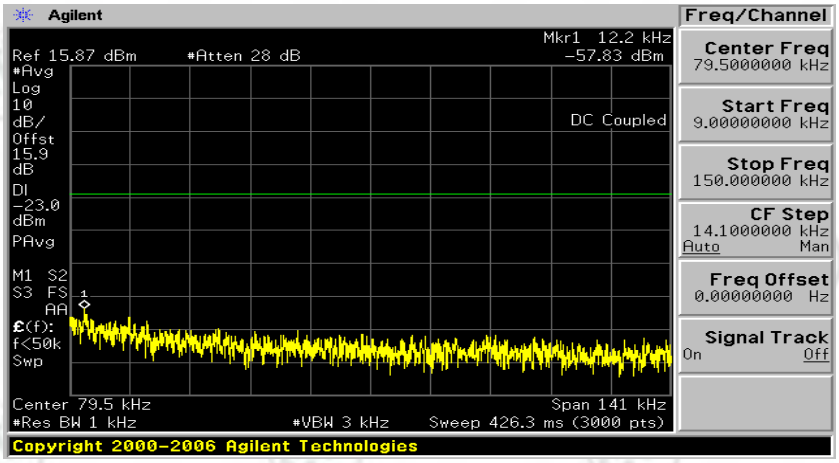
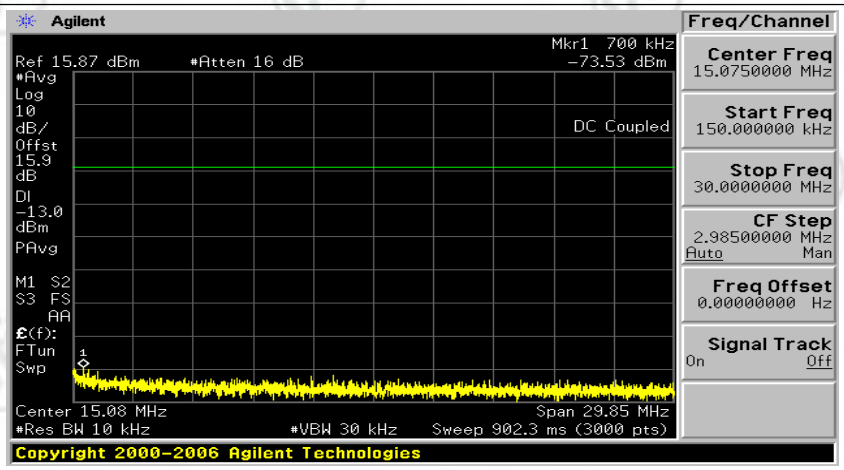
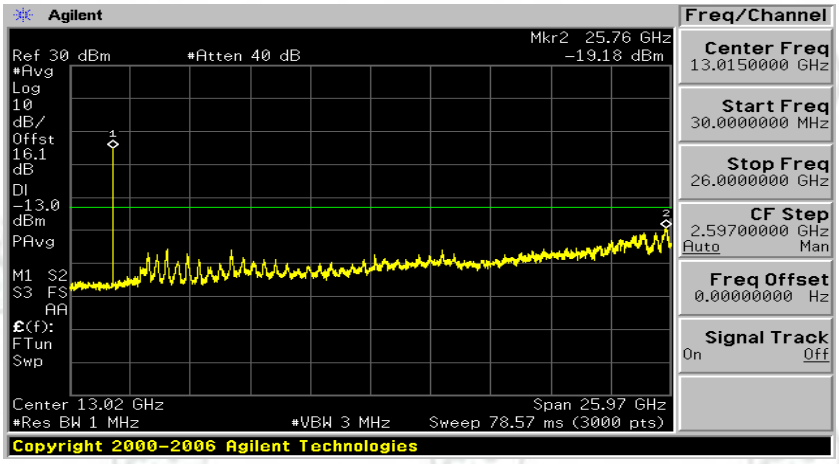
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5




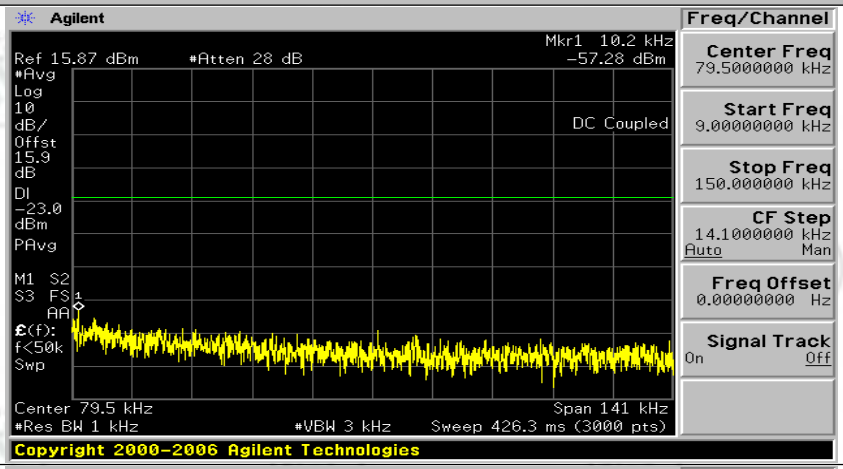
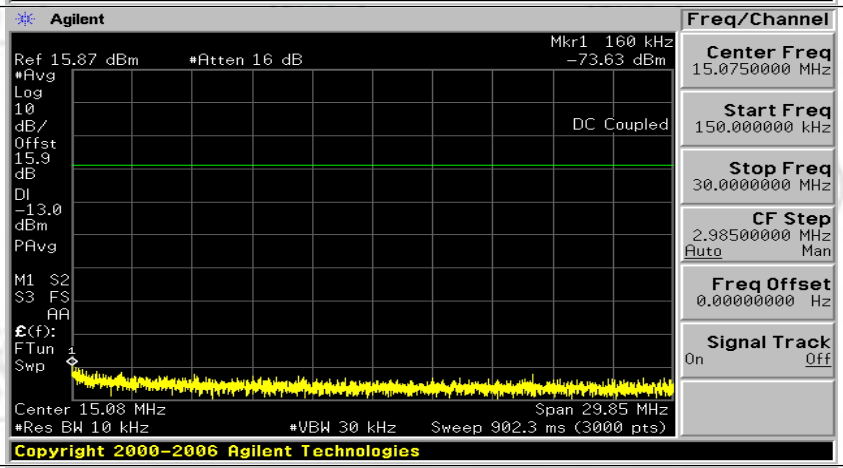
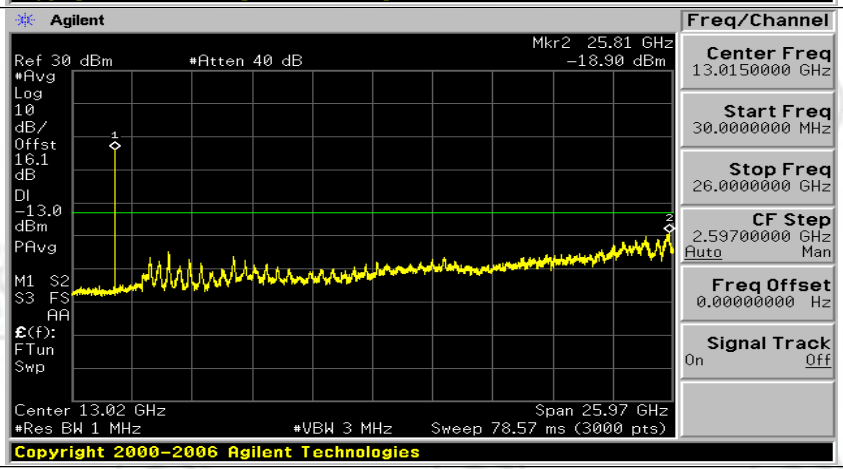
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

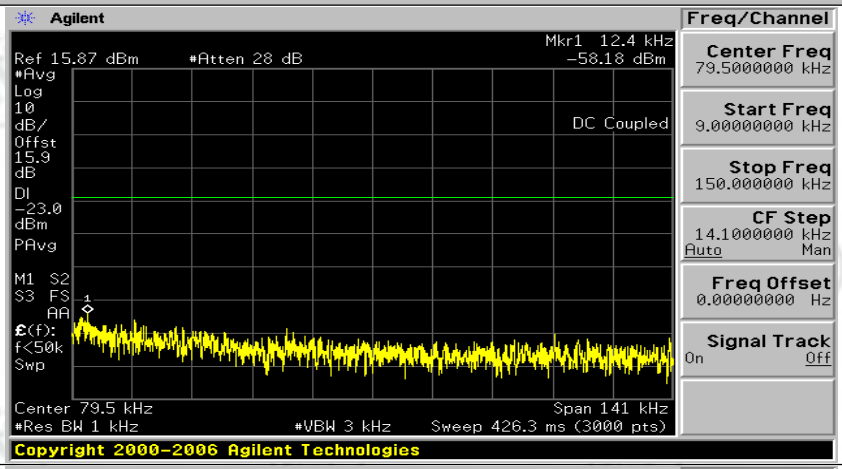
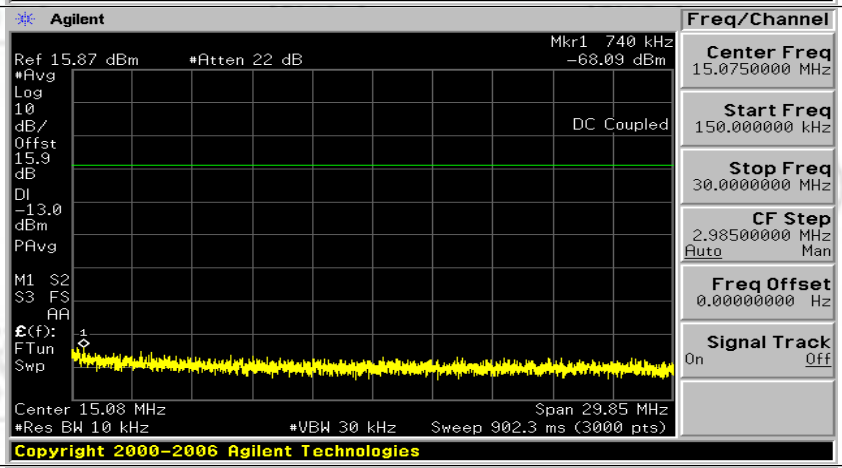
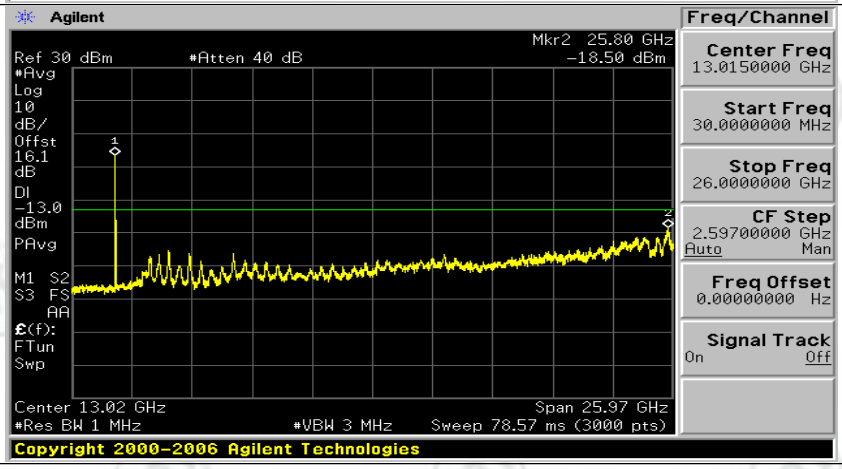






(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3




(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5




(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0




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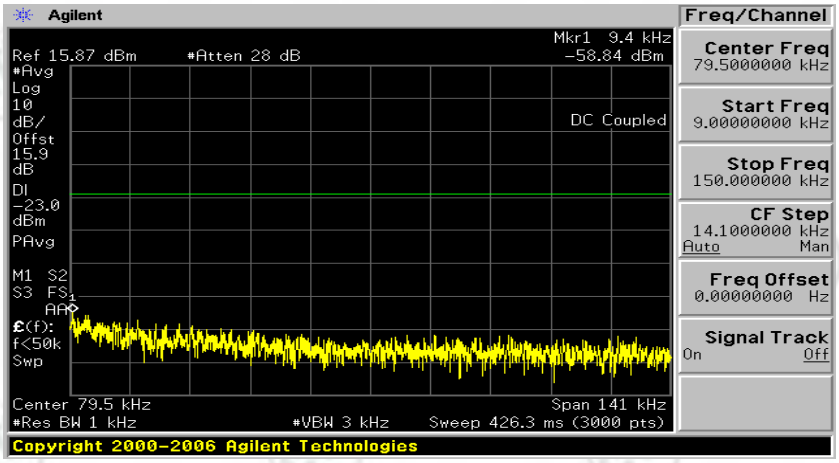
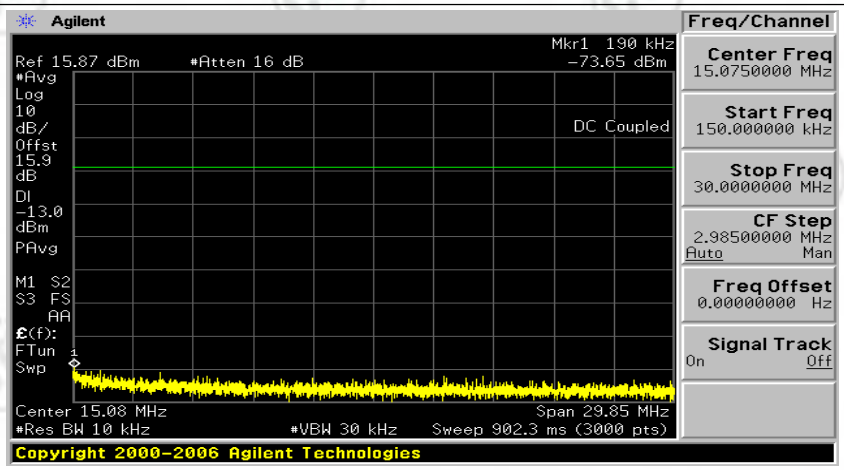
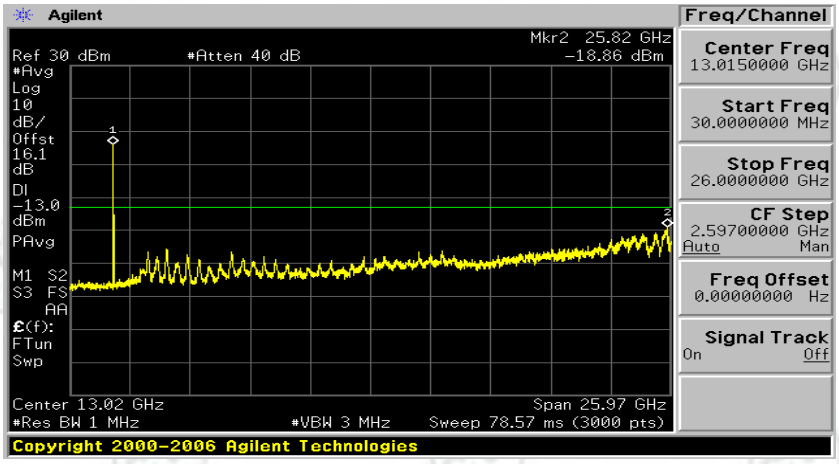
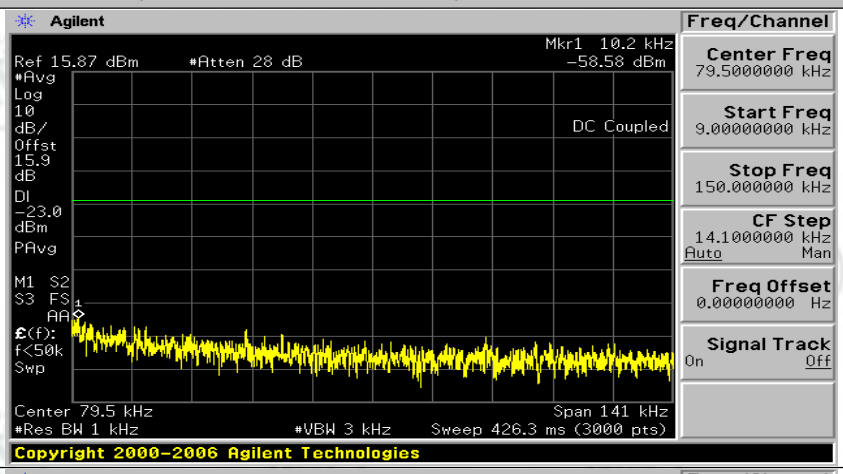
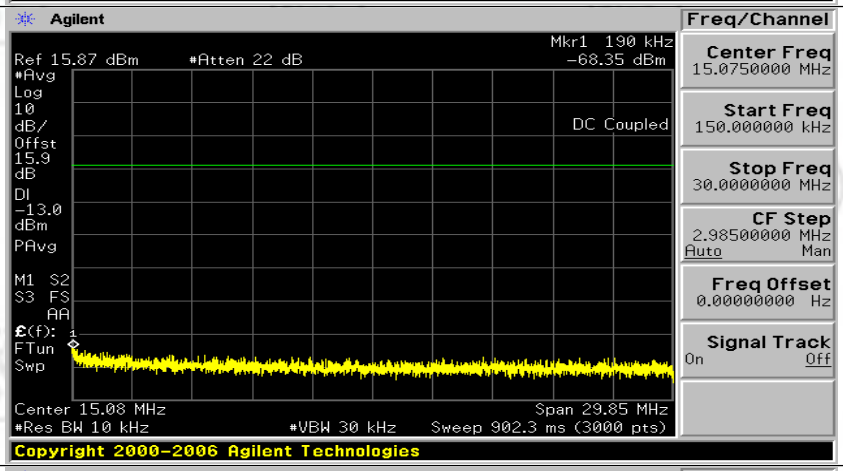
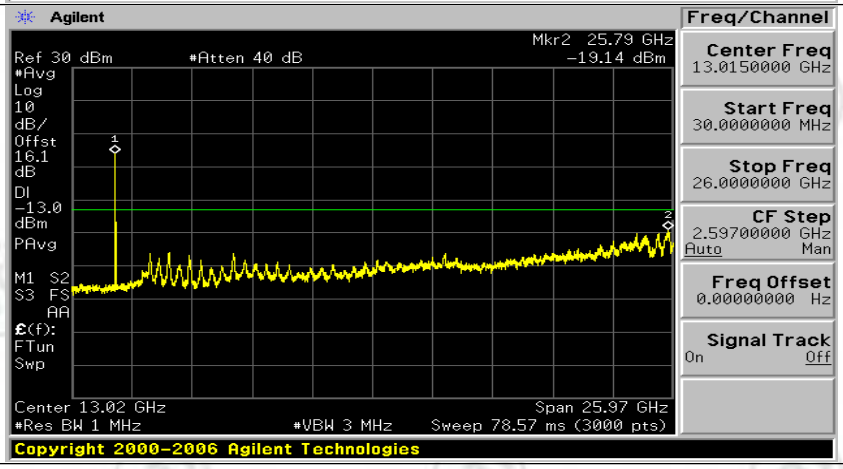
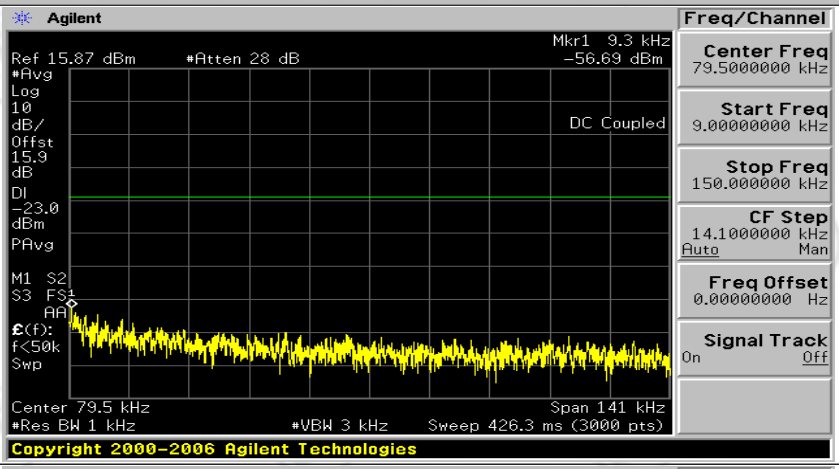
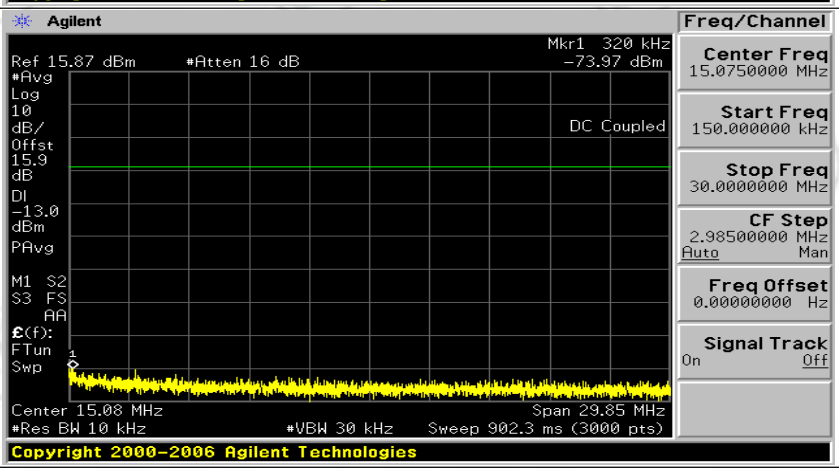




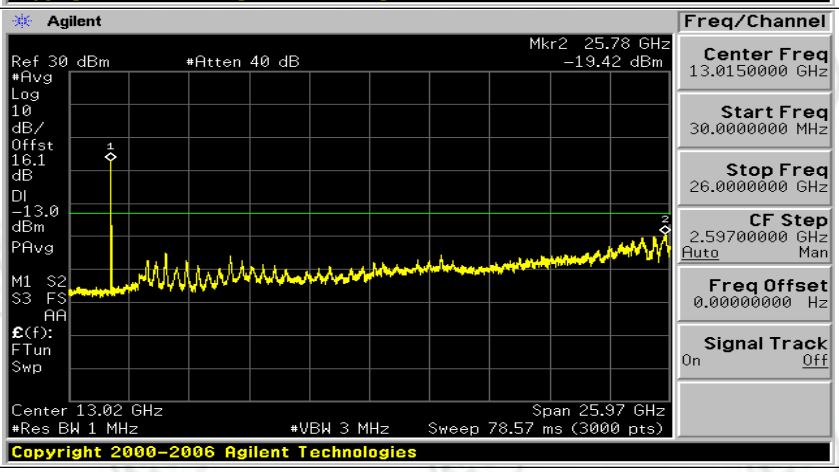
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5




Channel Bandwidth: 3 MHz

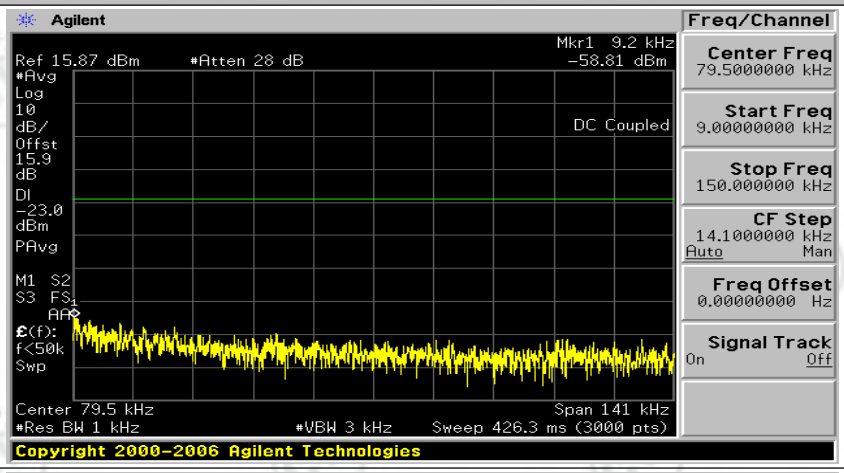
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0

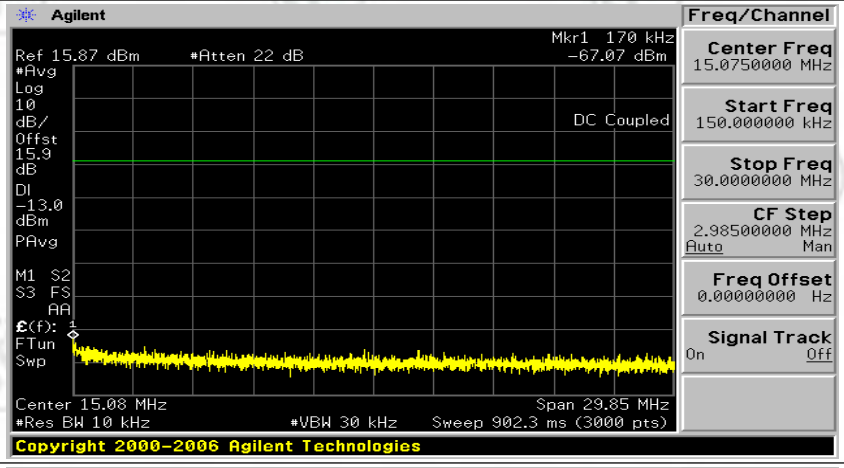


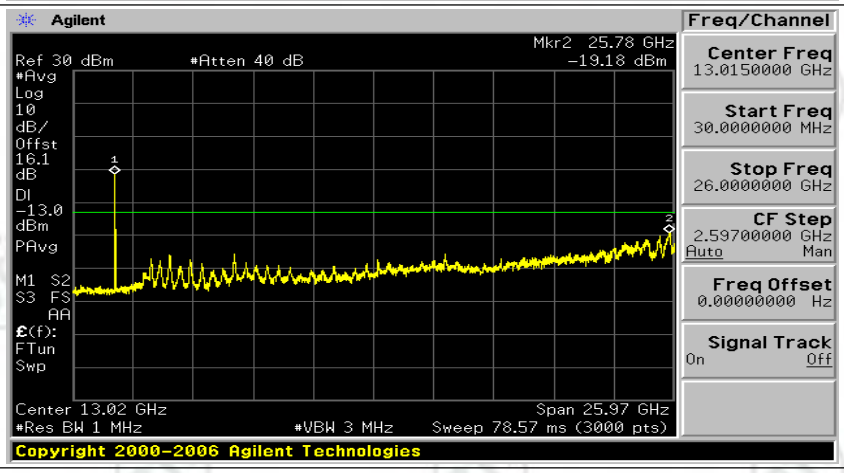




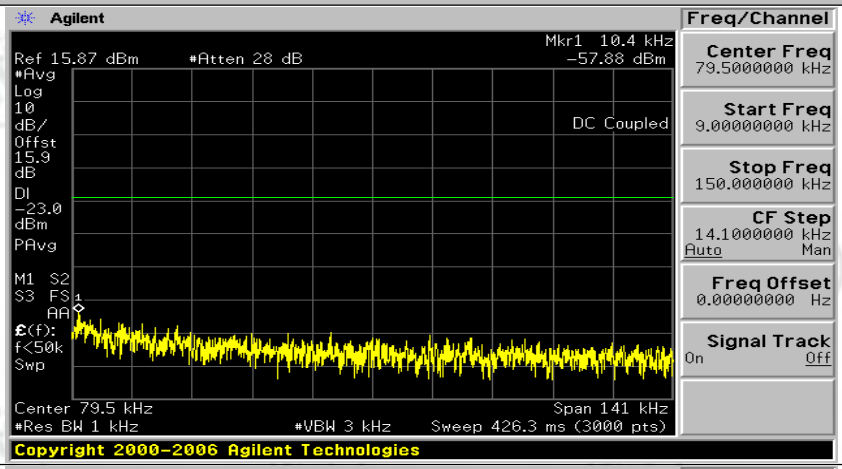
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7

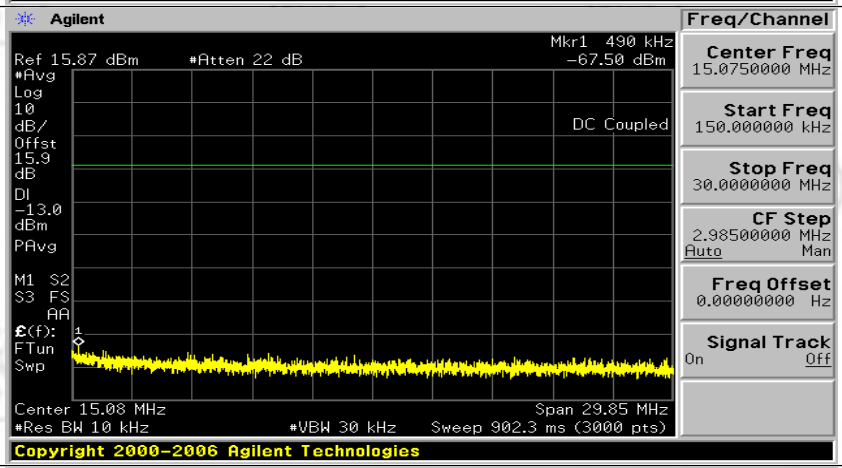


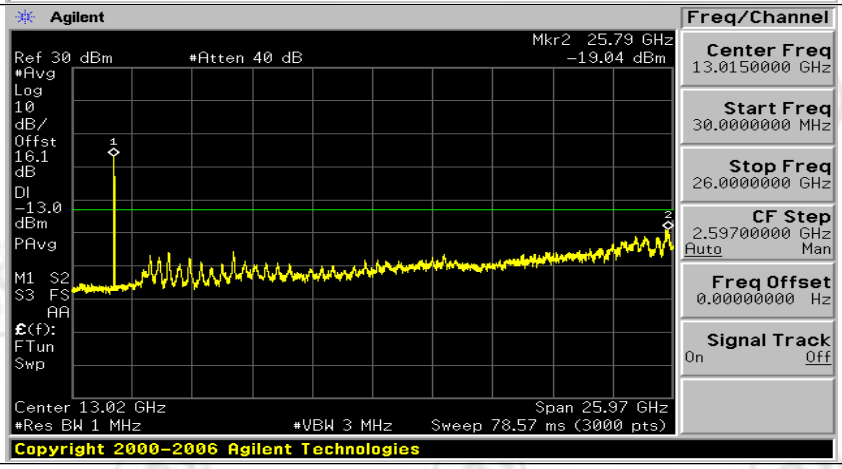




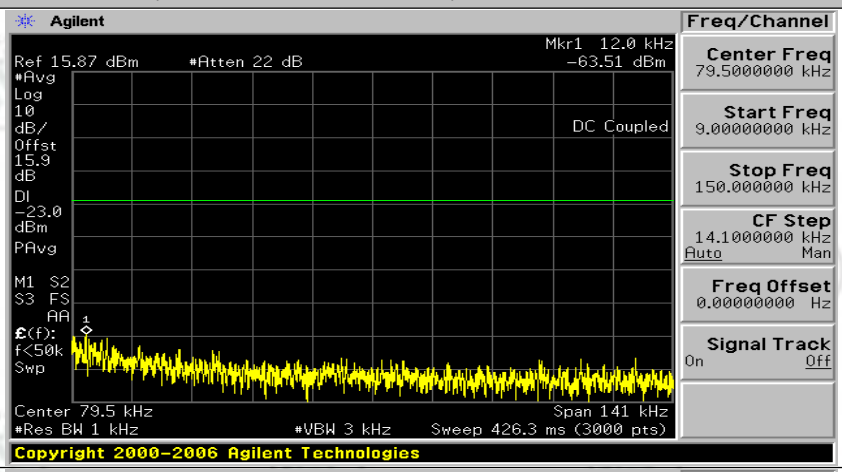
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14

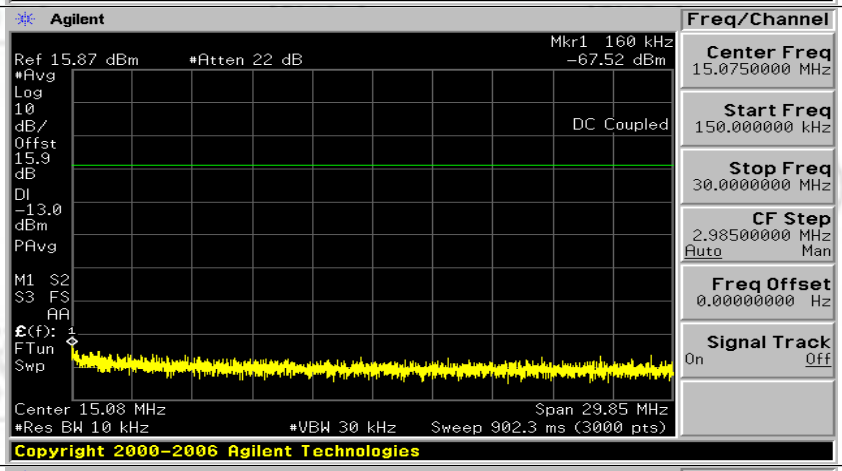


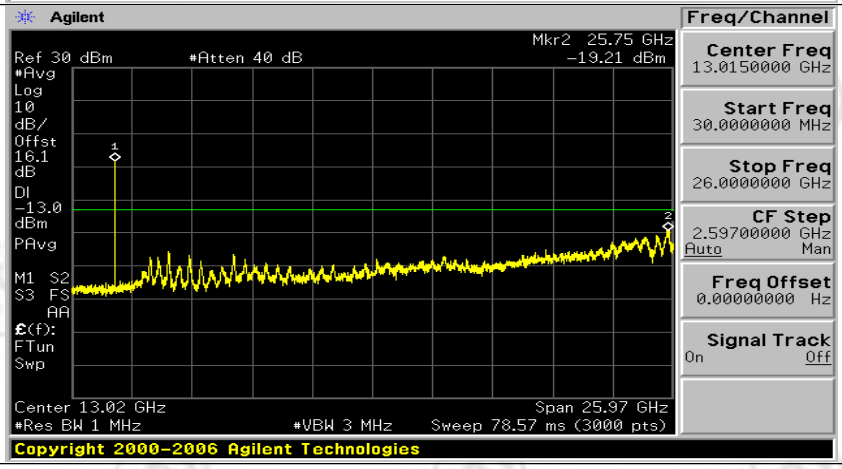




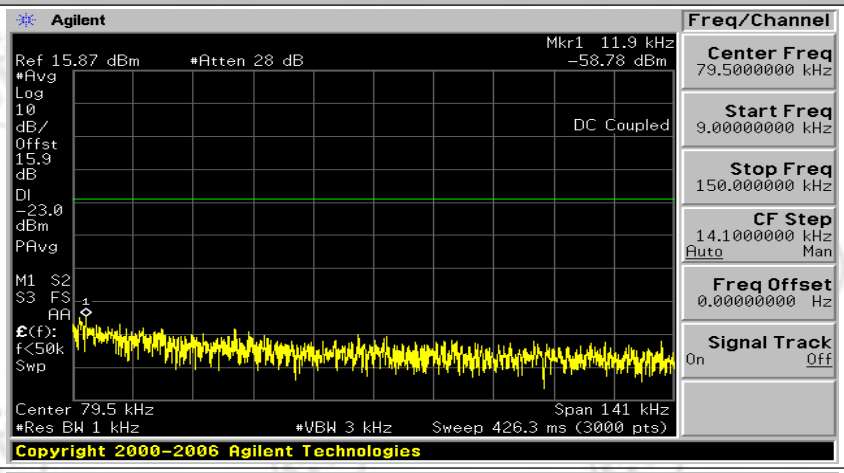
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

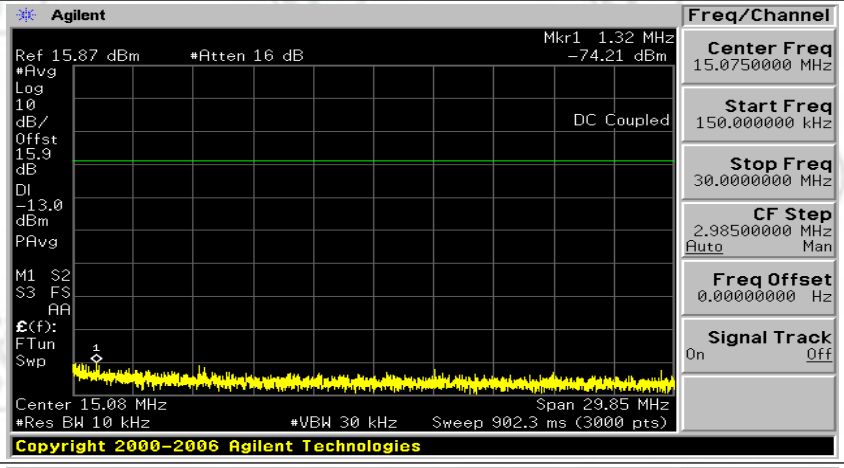


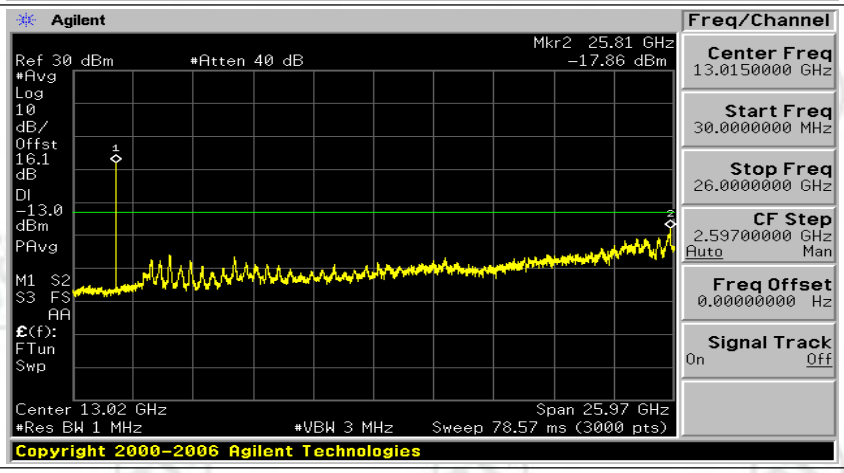


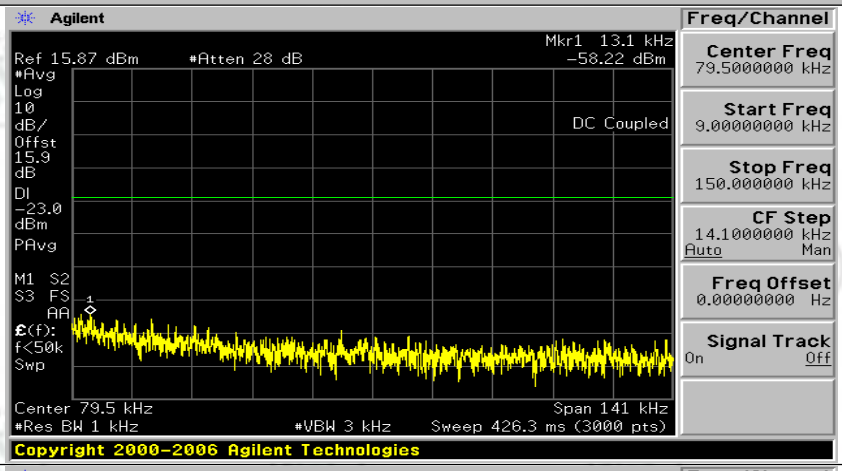
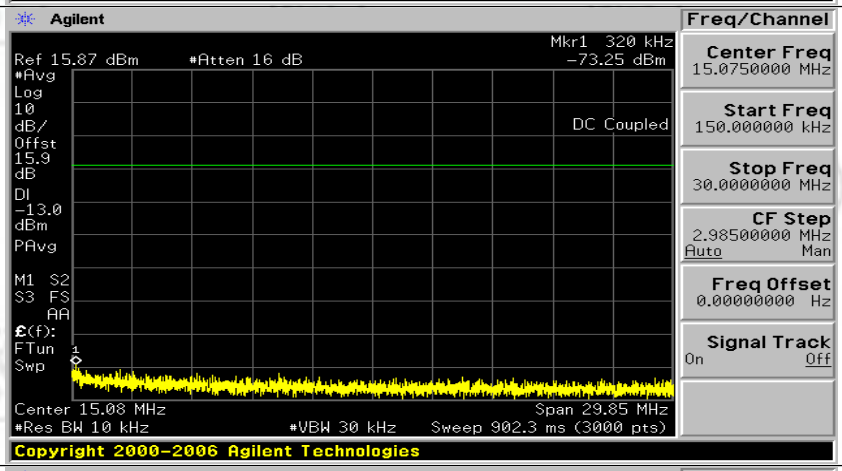
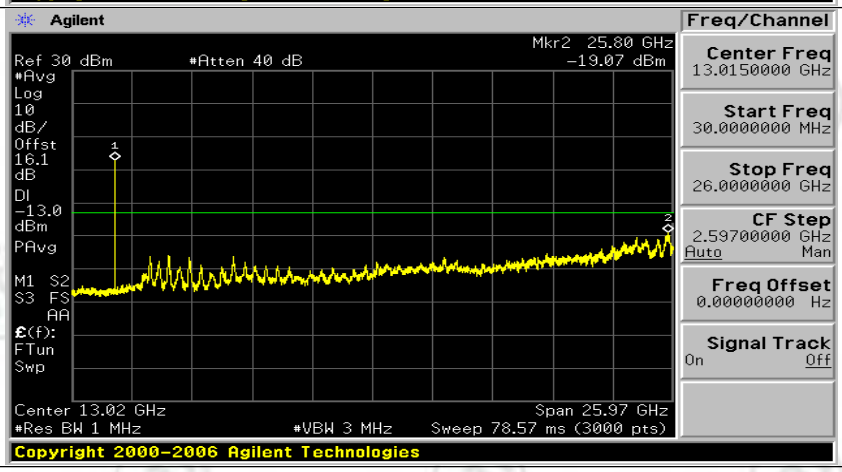


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

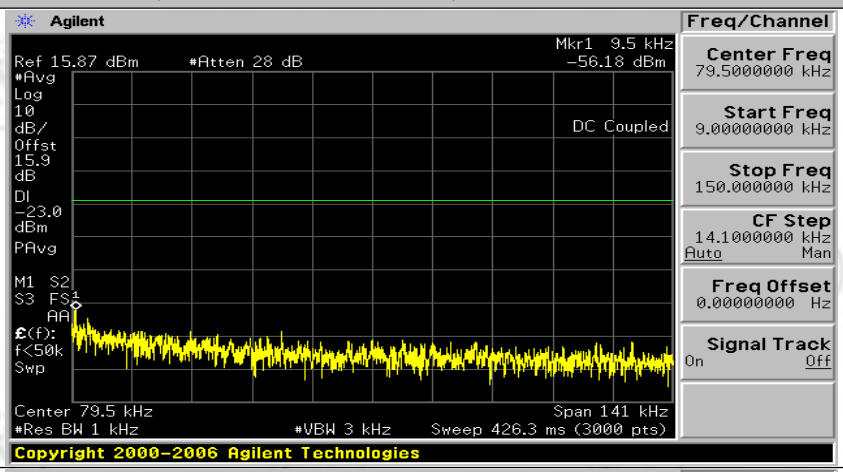


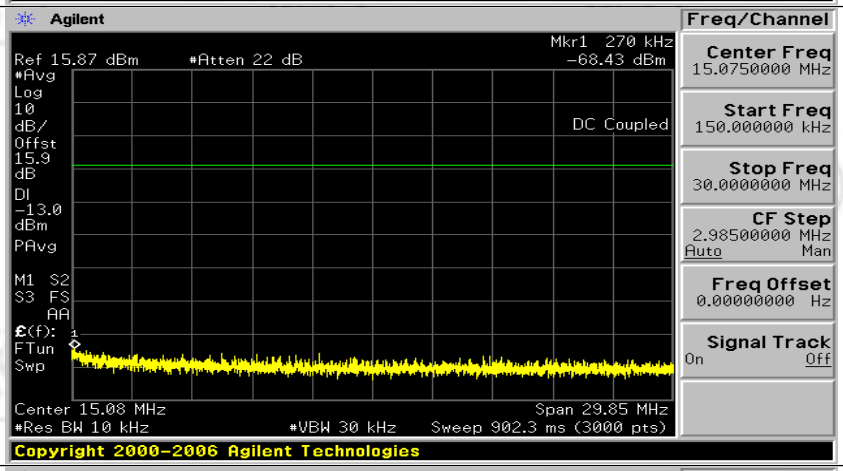


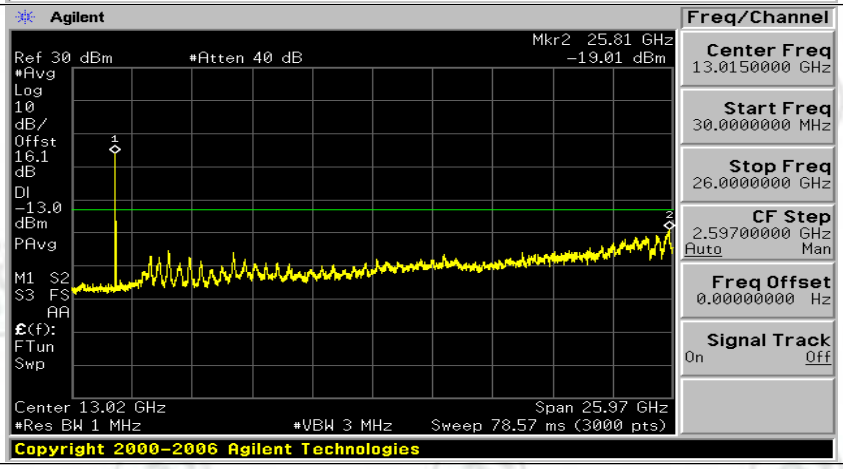


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14




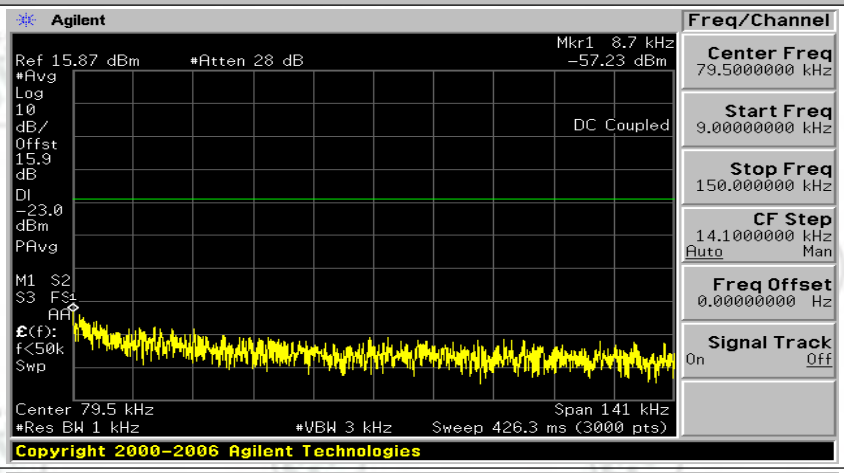
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

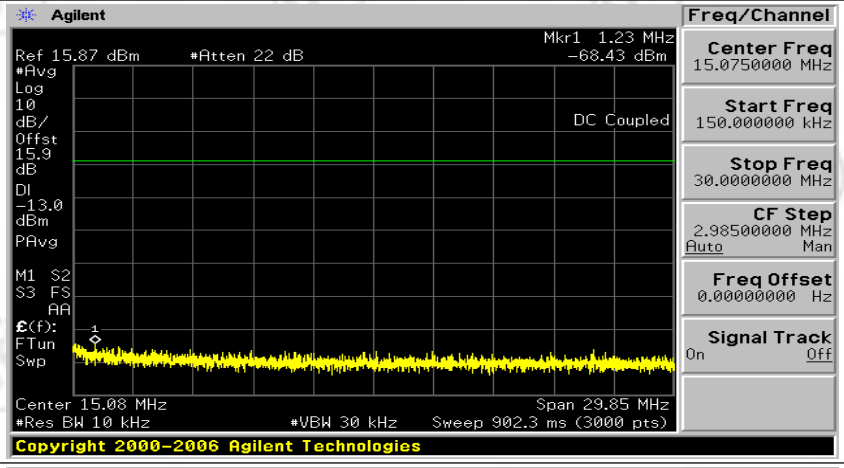


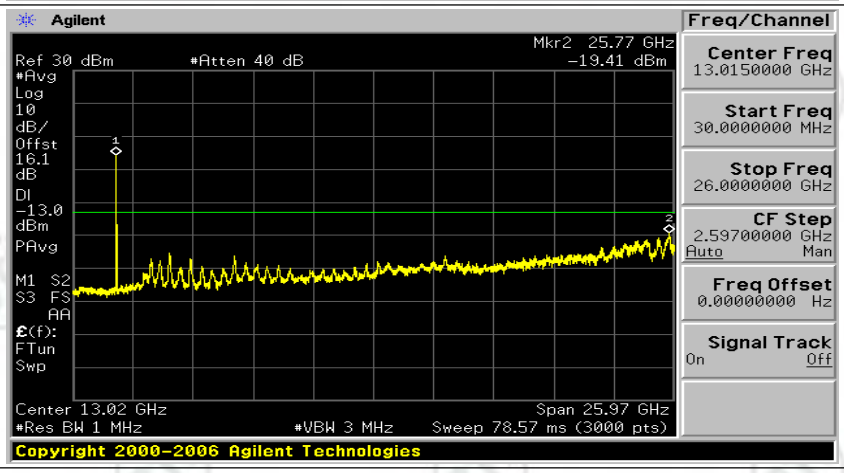




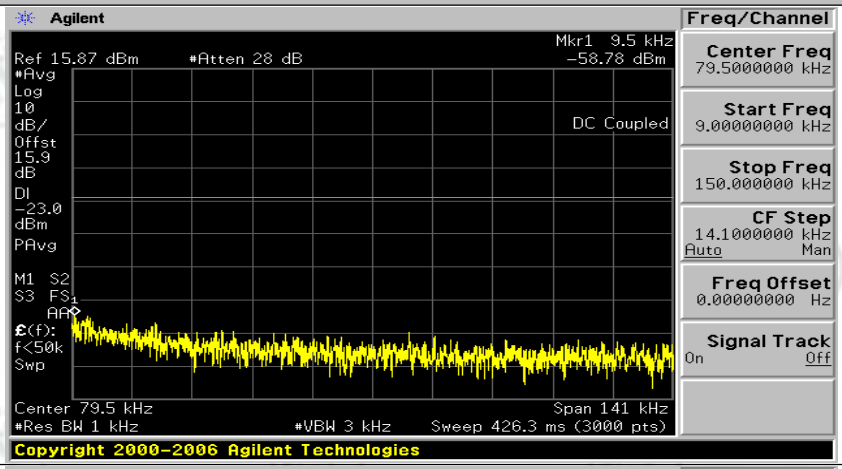
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7

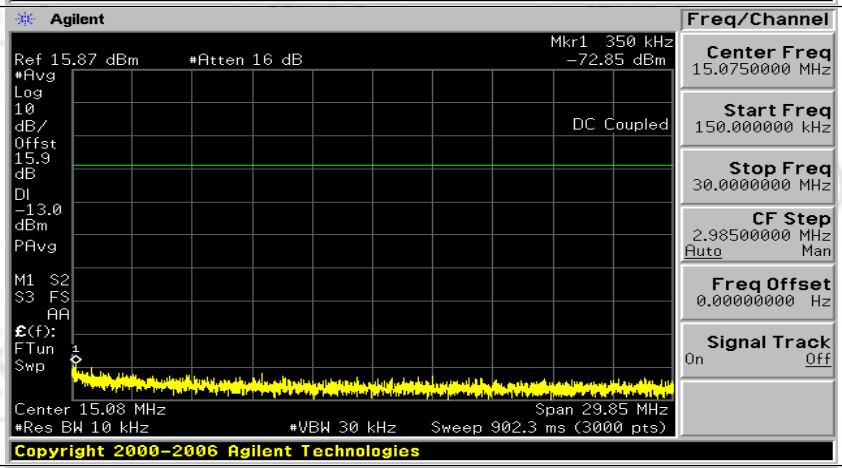


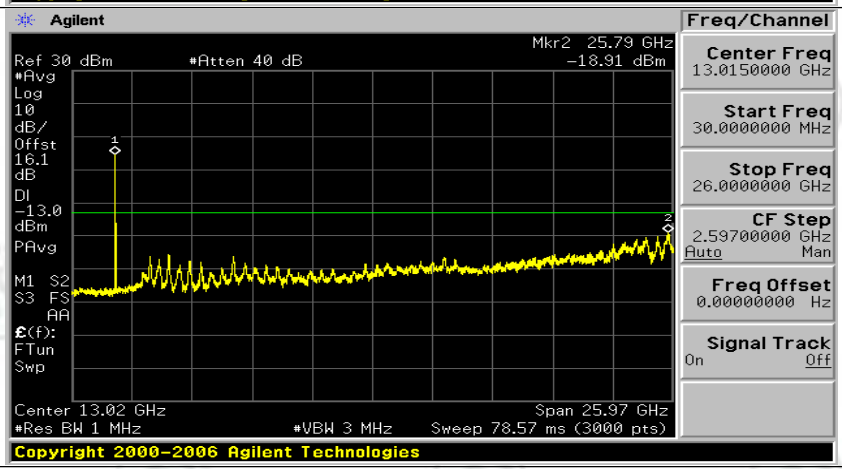




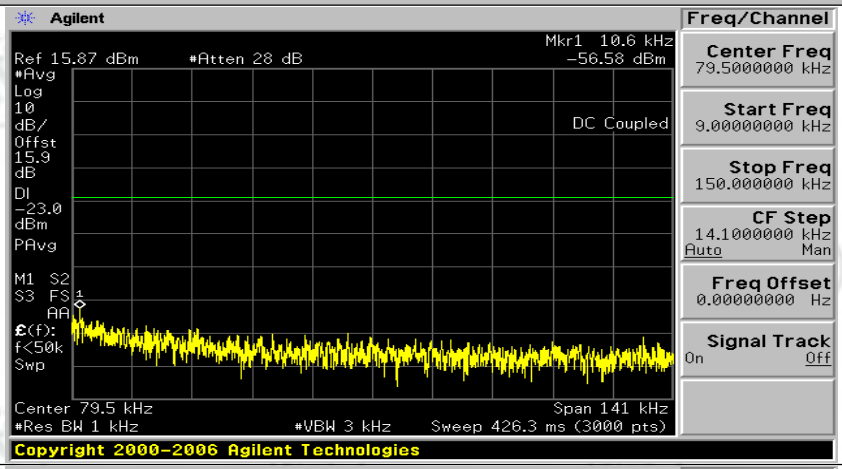
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14

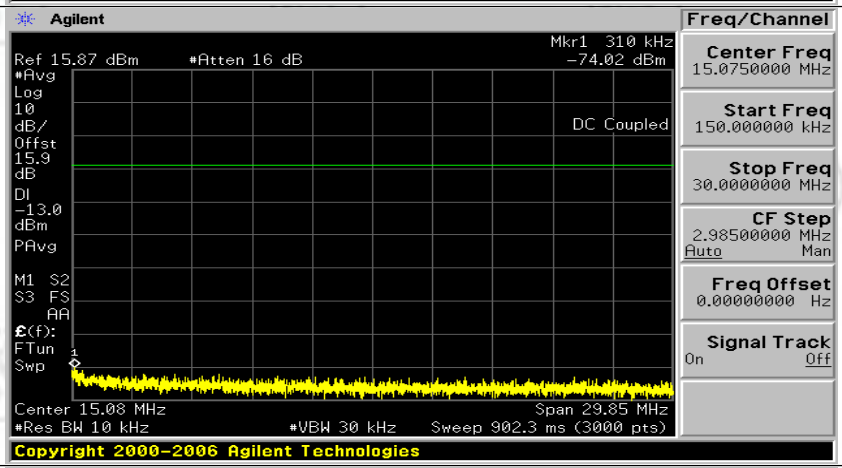


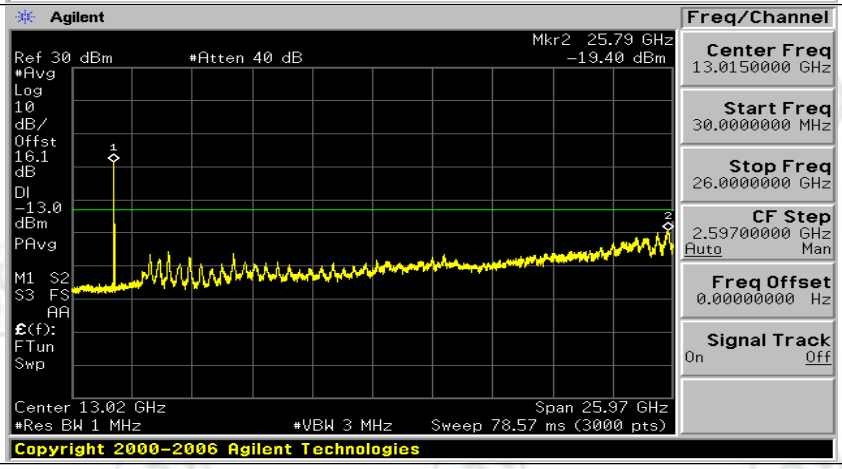


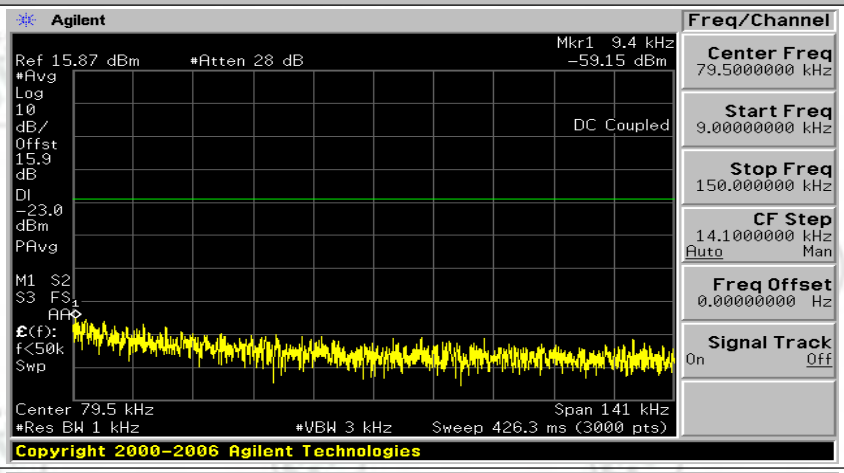
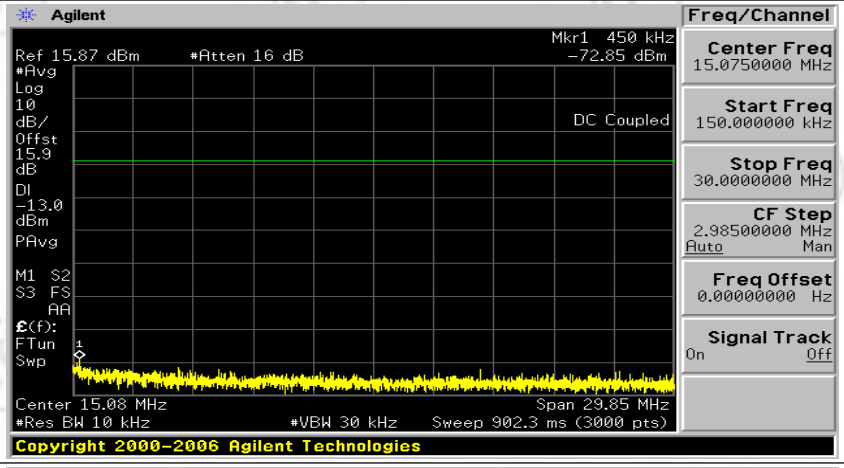
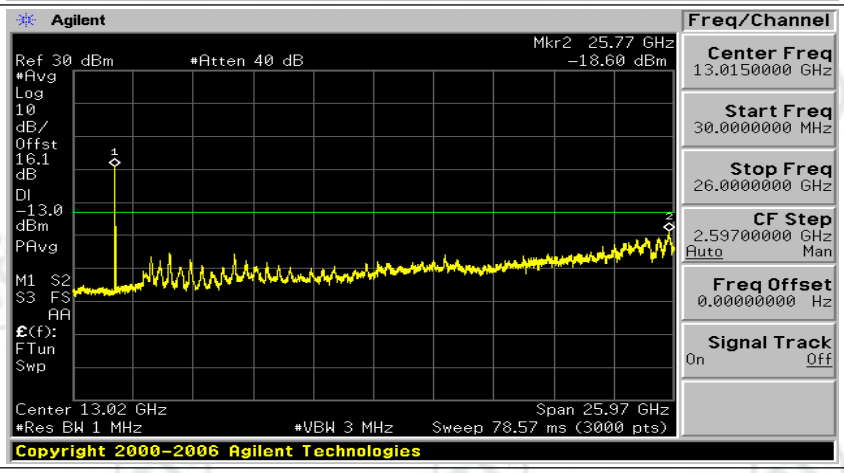


(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0

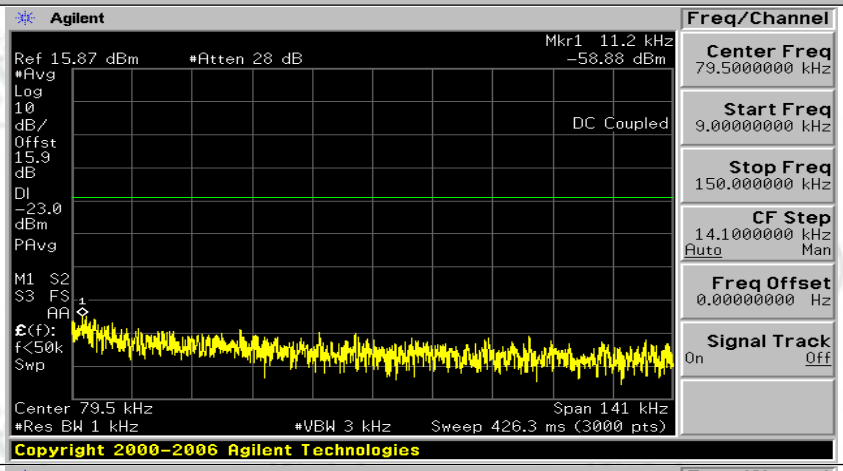


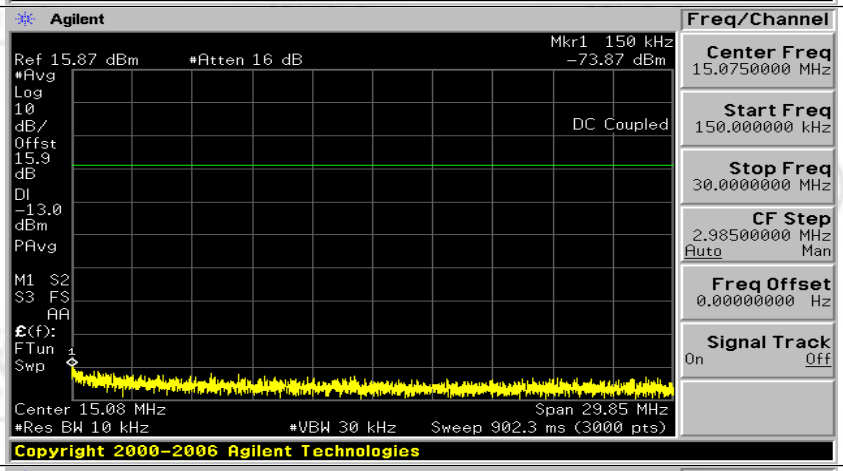


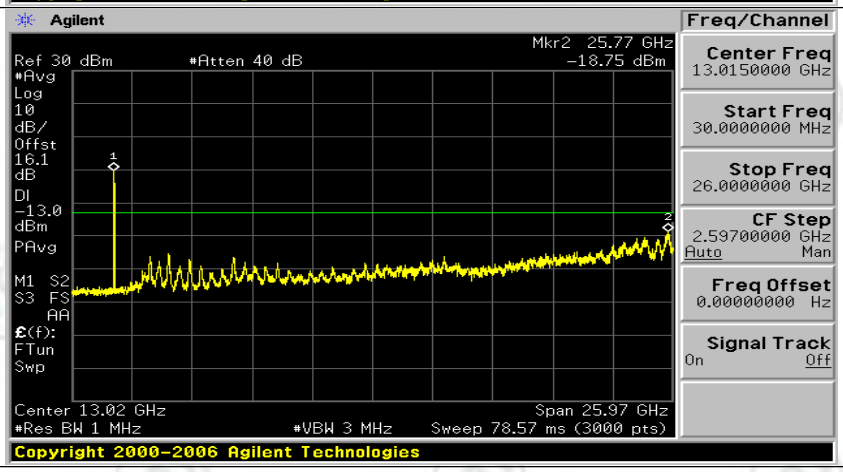


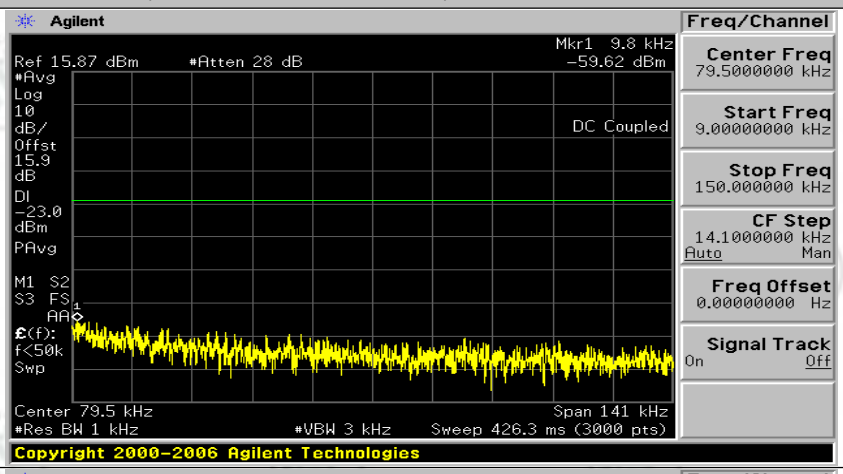
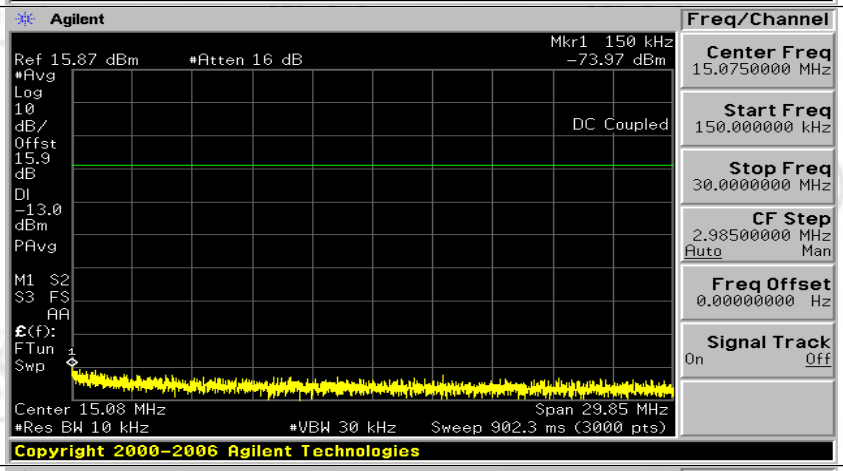
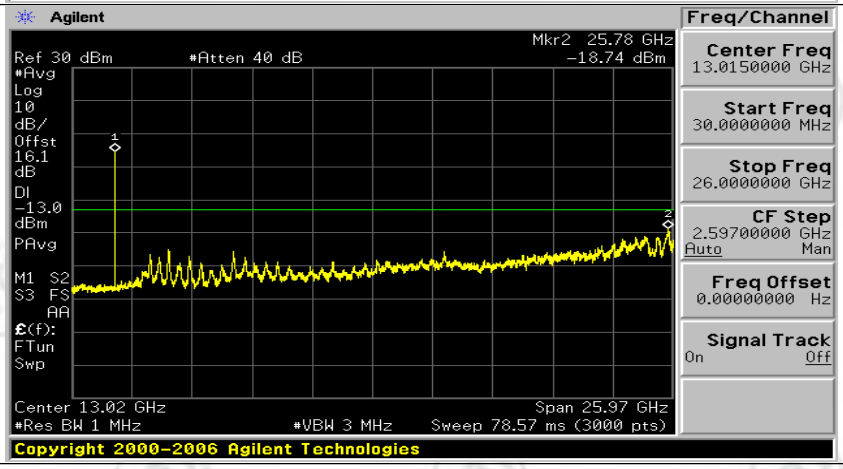
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7




(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14

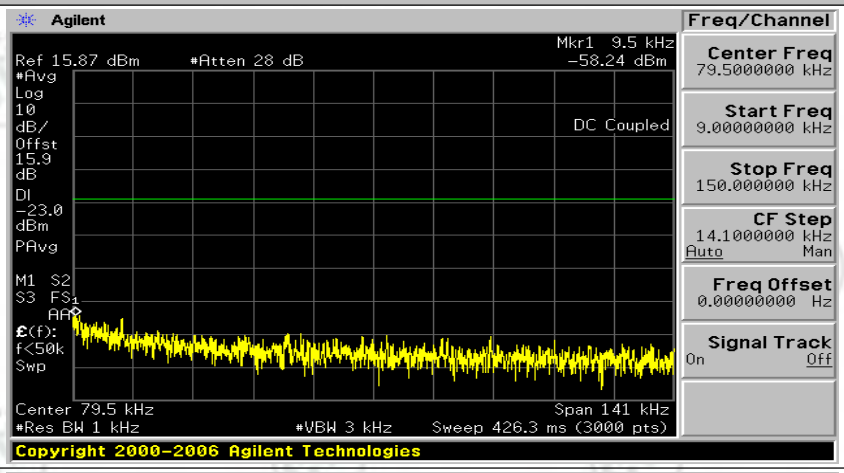


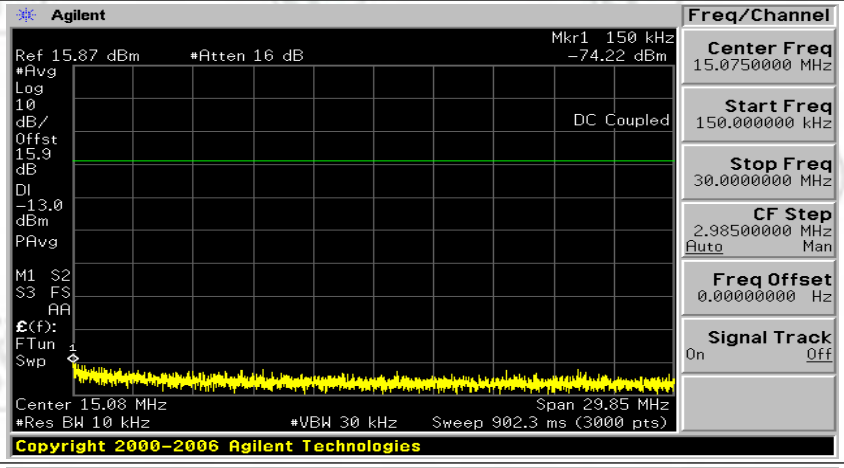


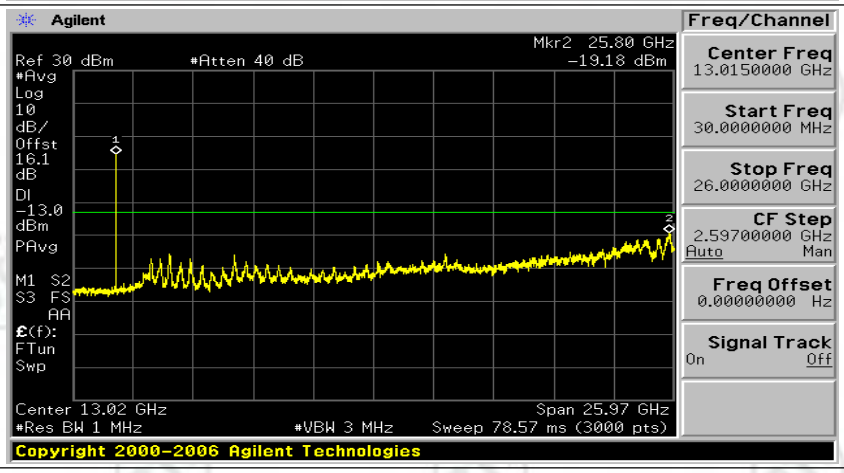


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0




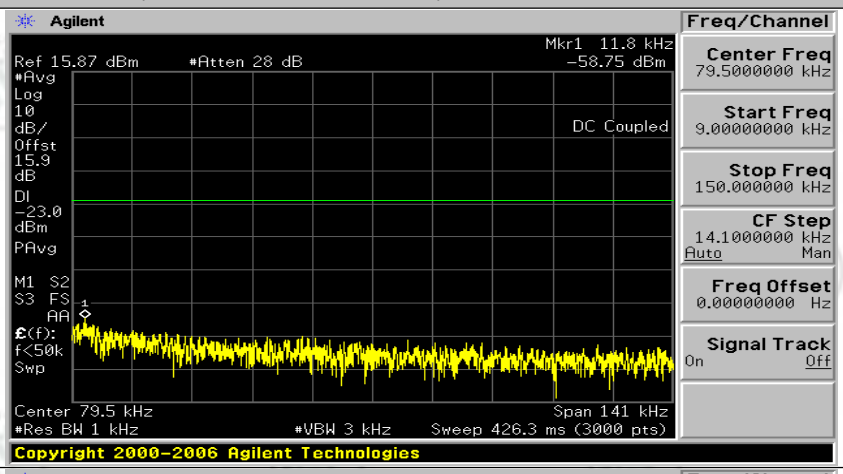
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

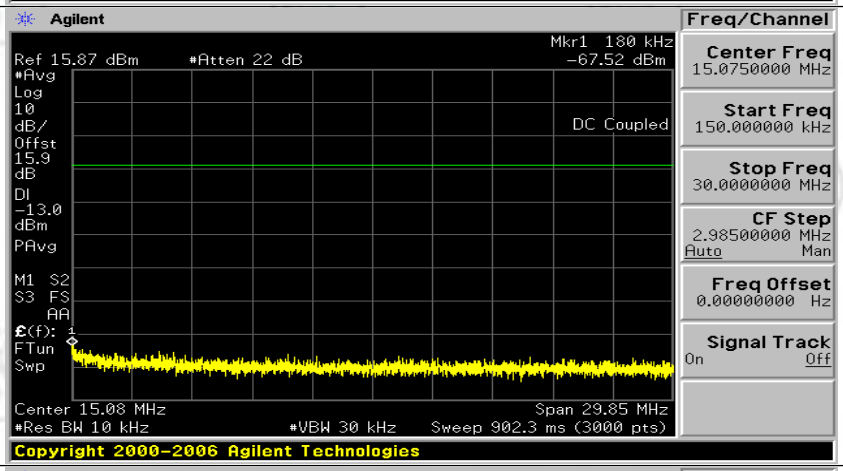


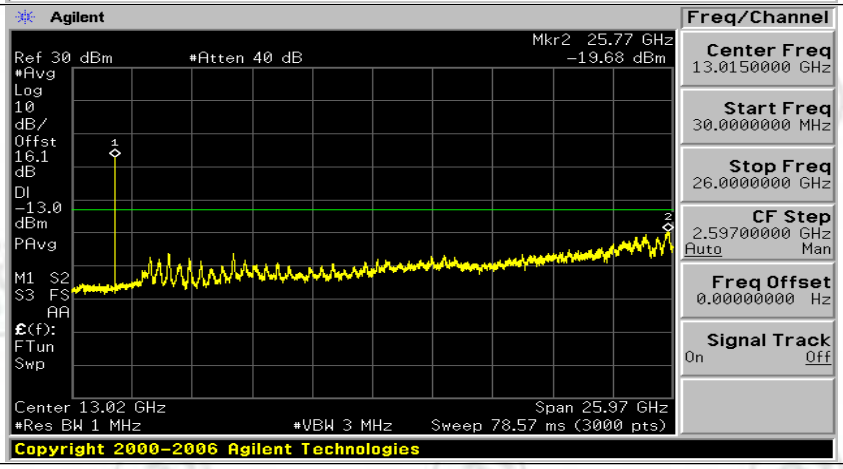




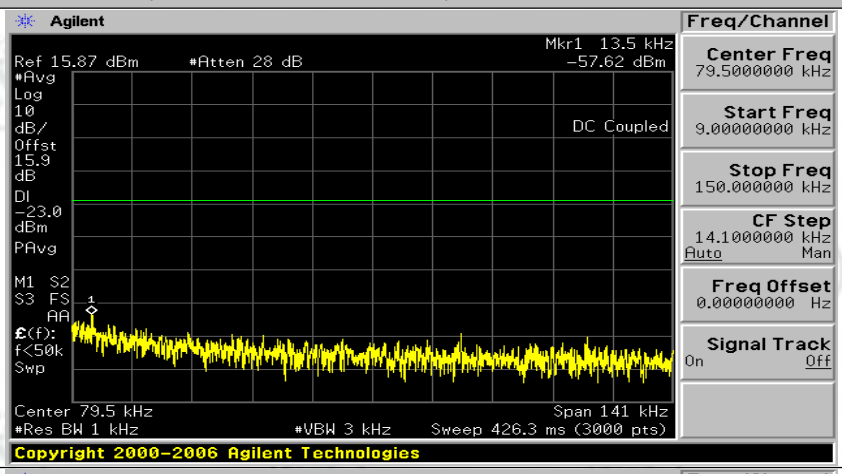
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

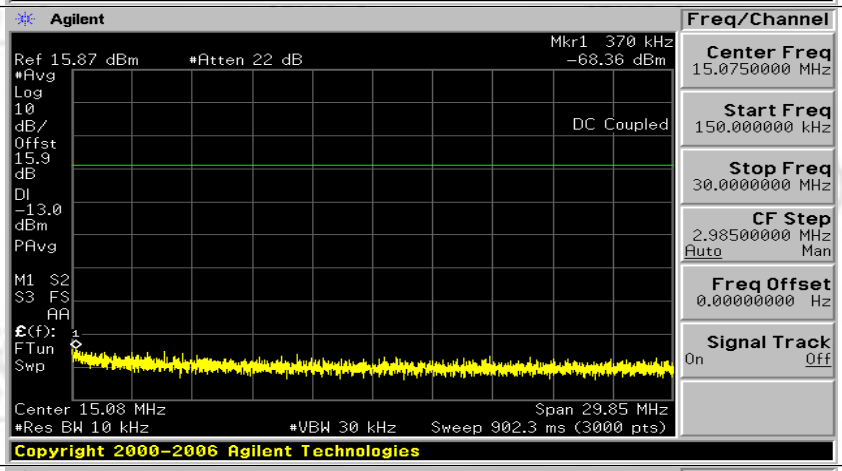


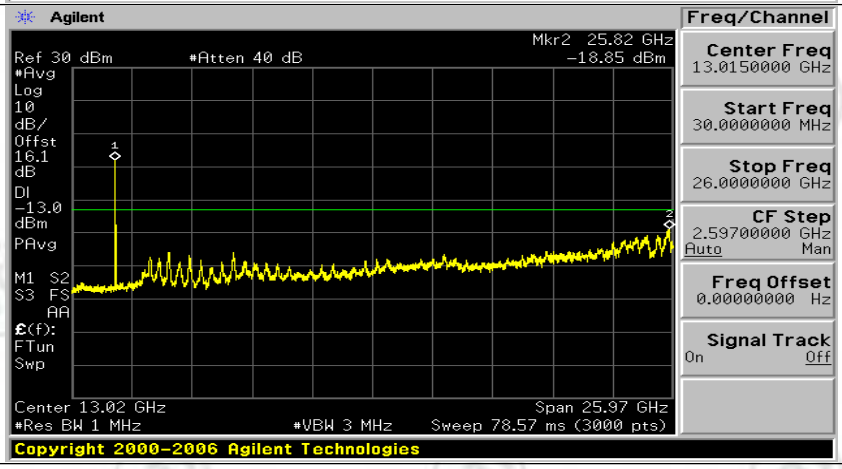




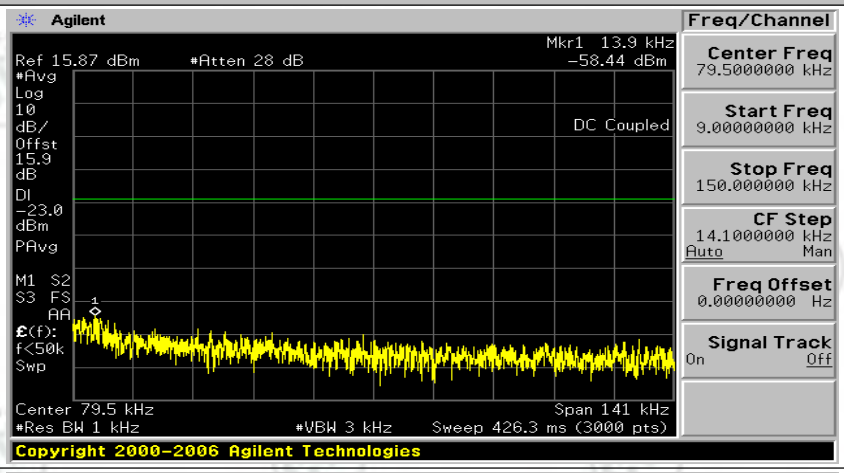
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0

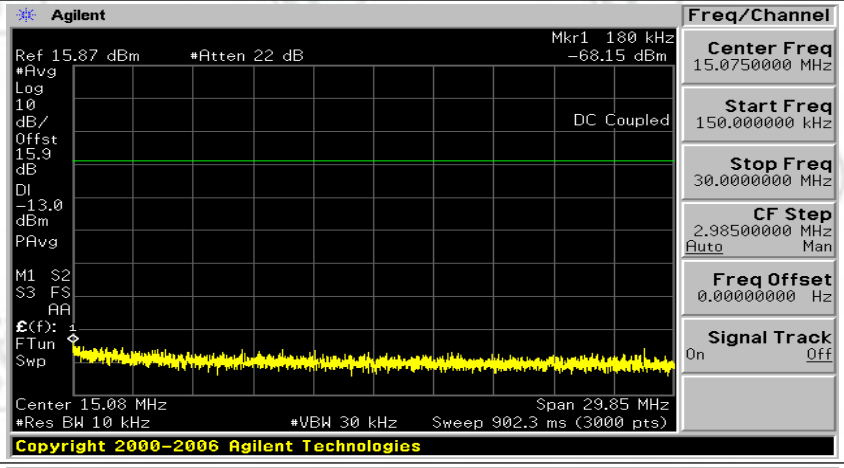


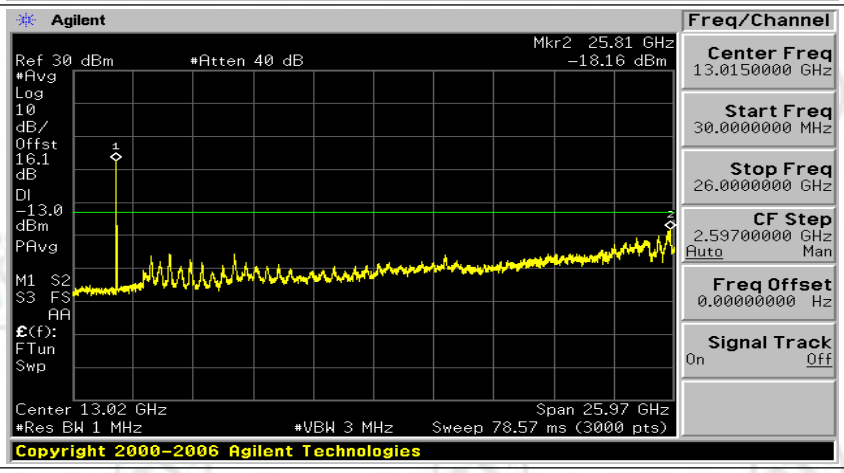




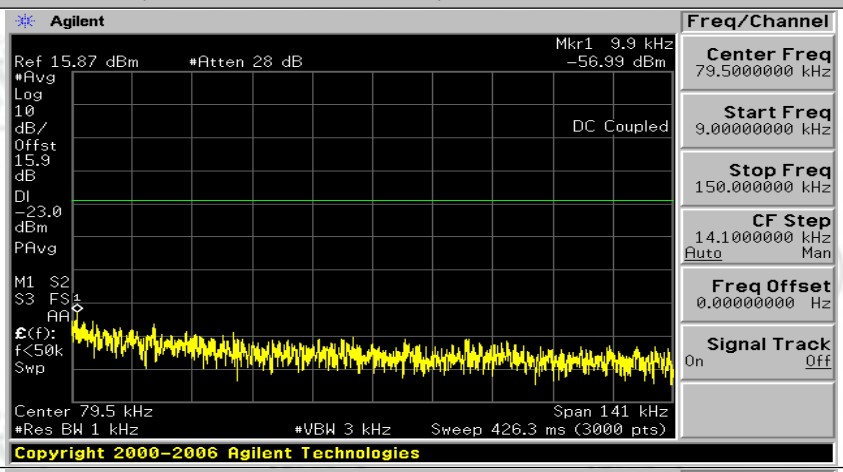
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7

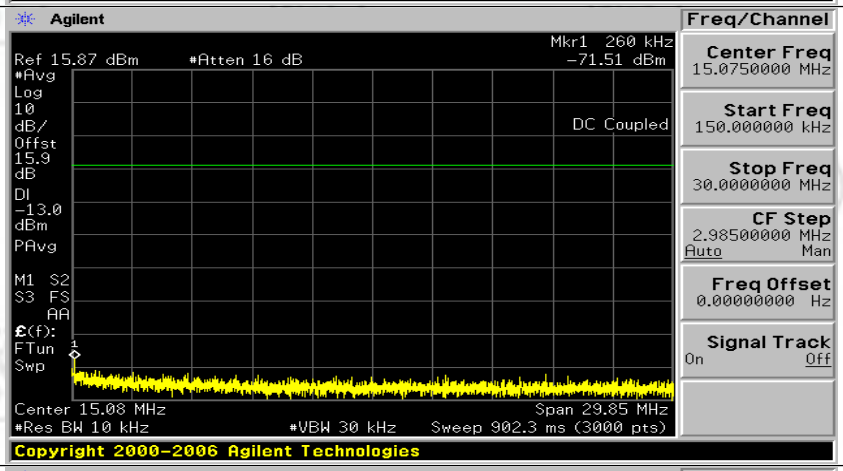


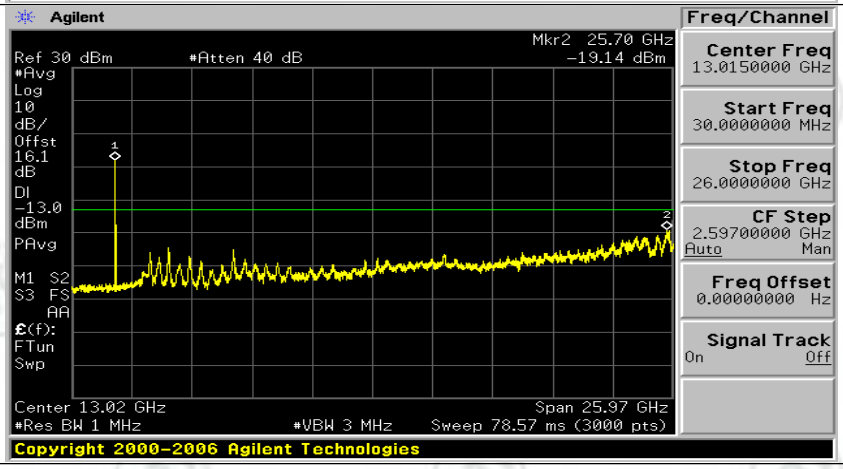




(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14

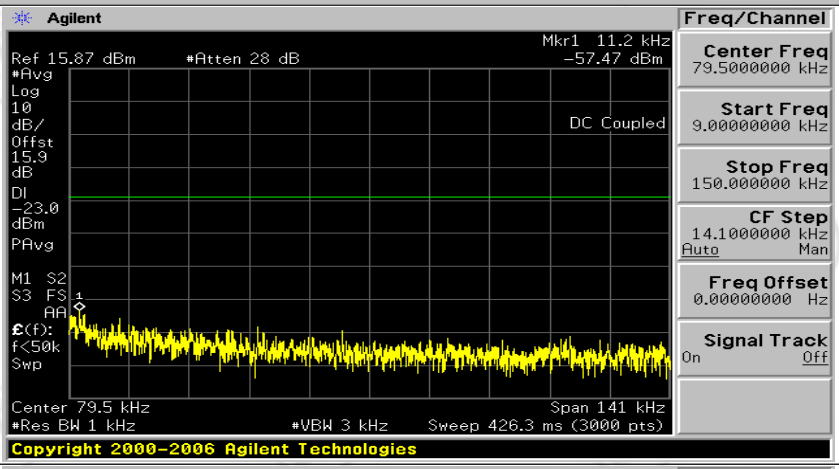


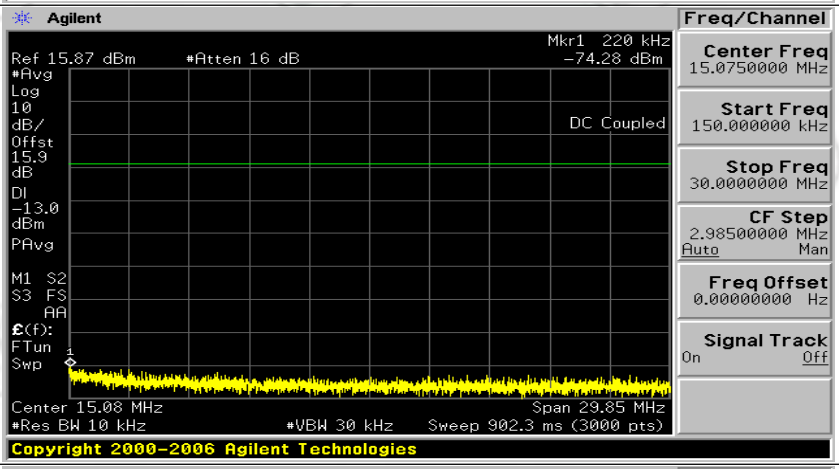


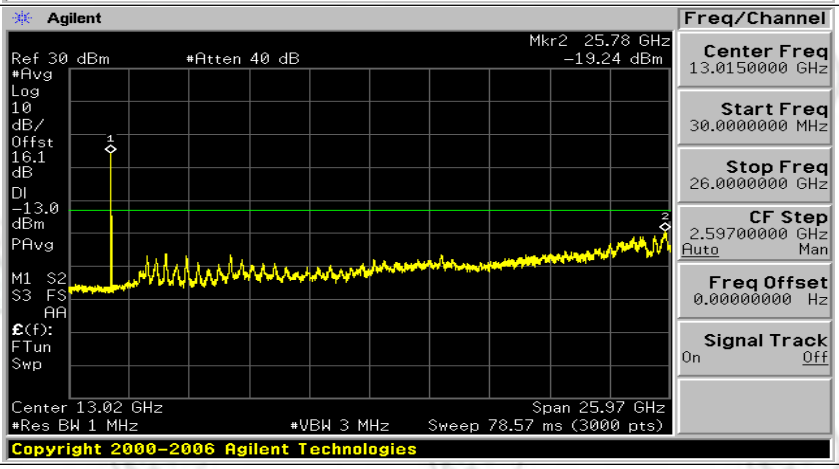


Channel Bandwidth: 5 MHz

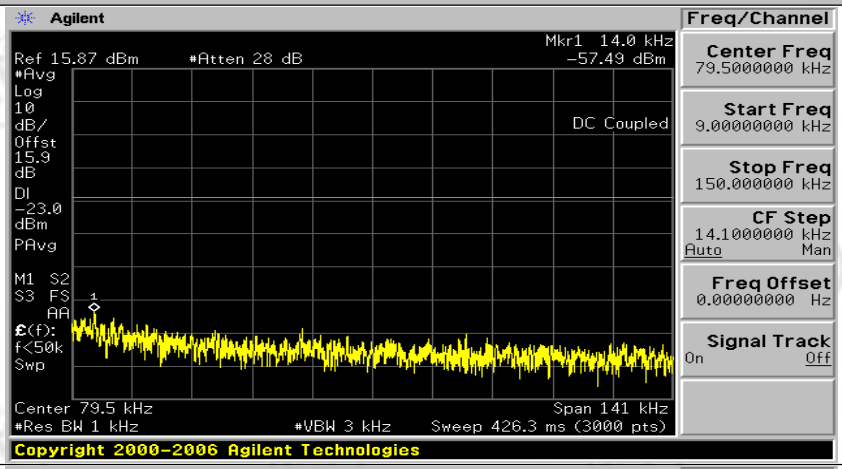
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

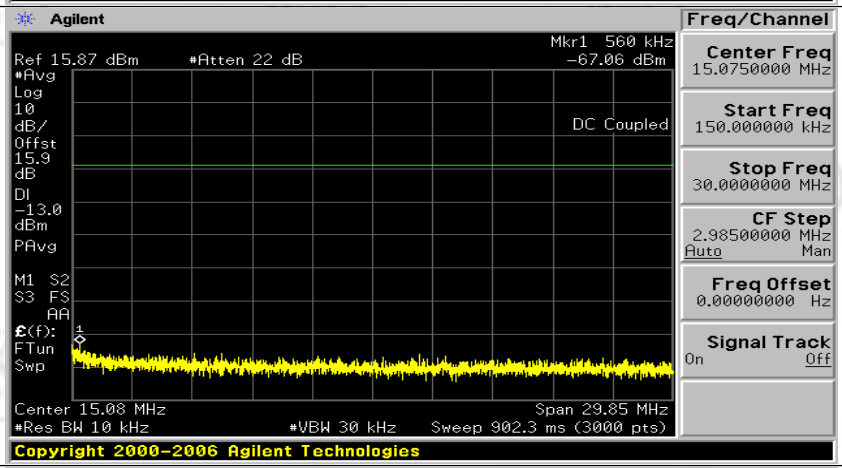


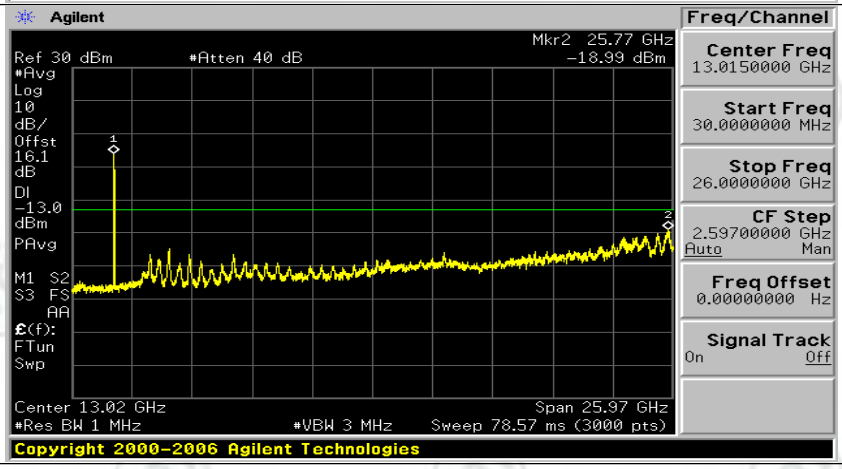




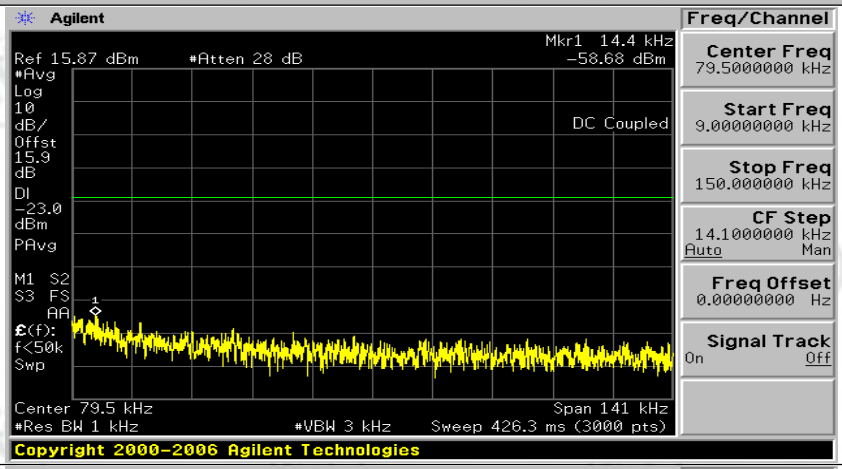
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12

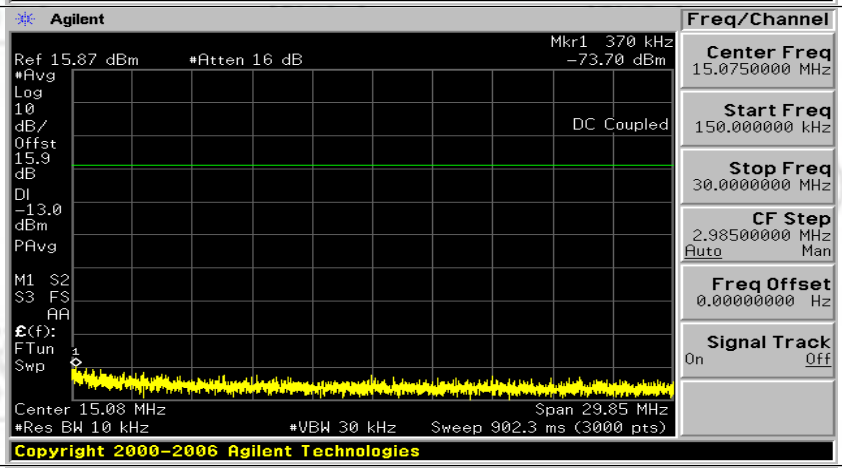


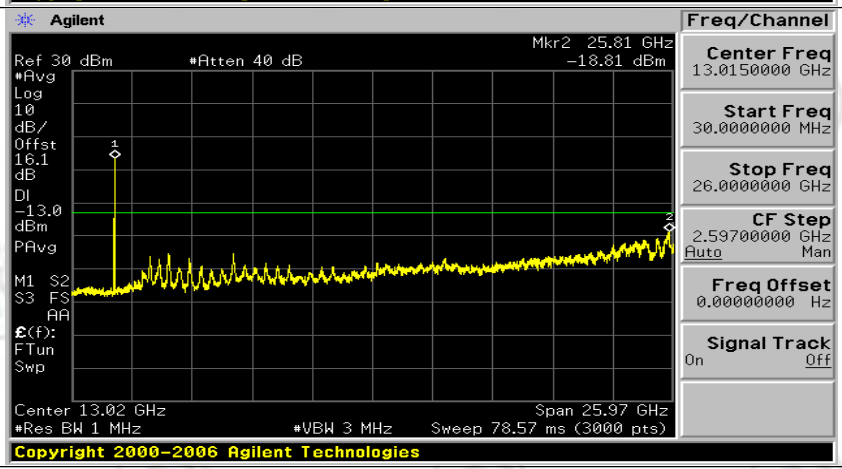




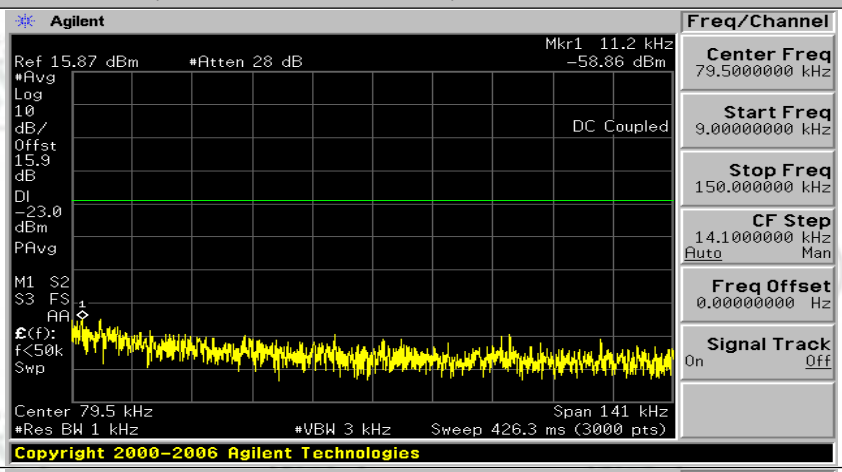
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24

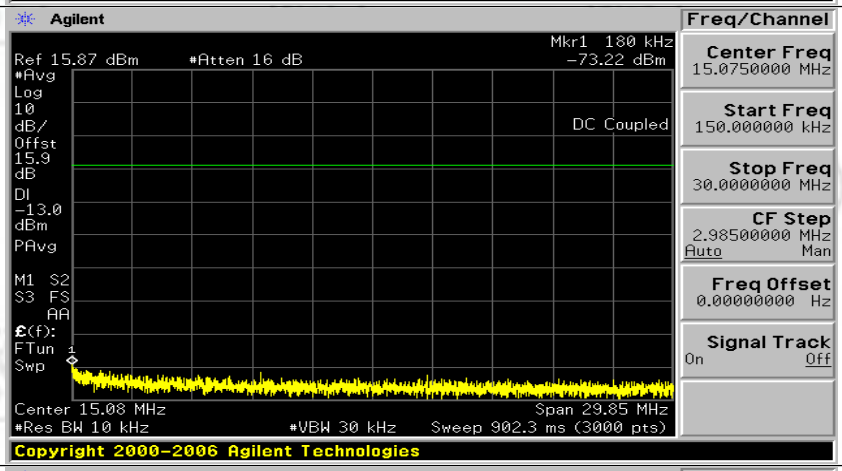


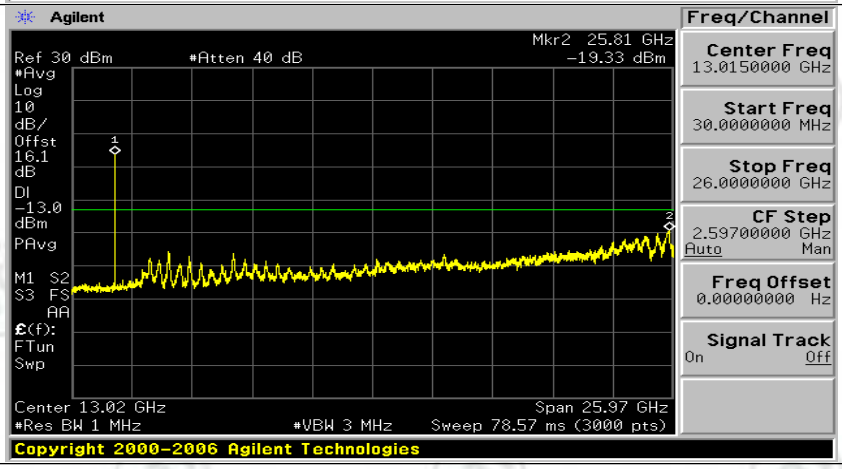




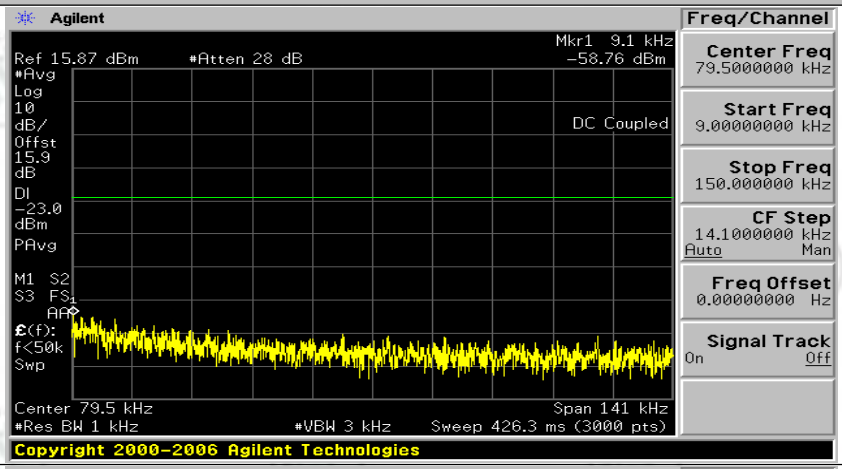
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

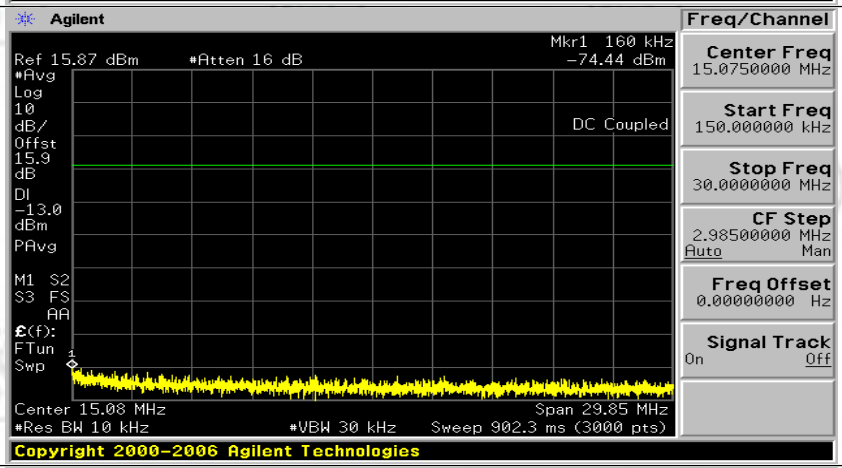


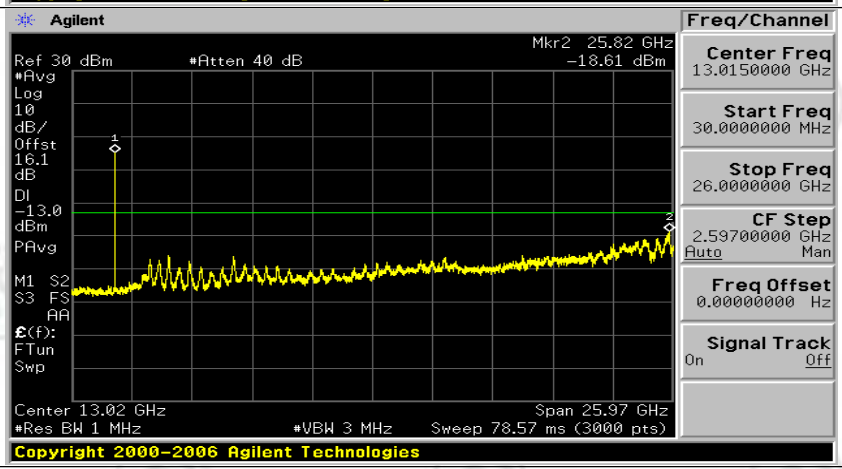




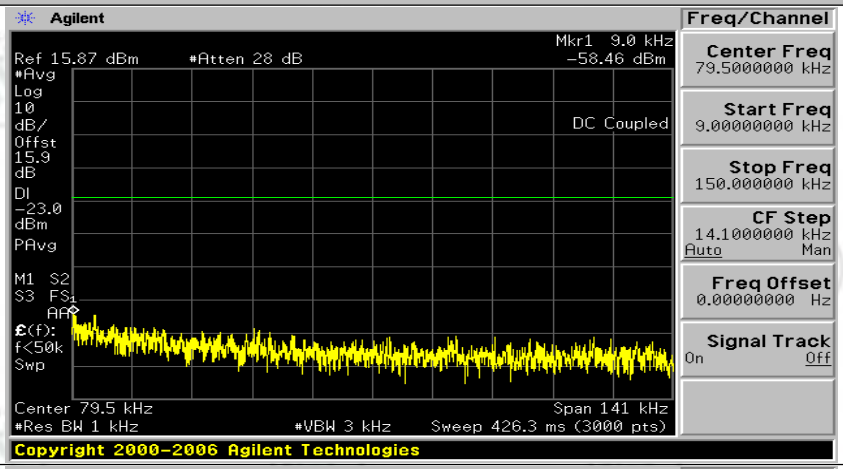
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

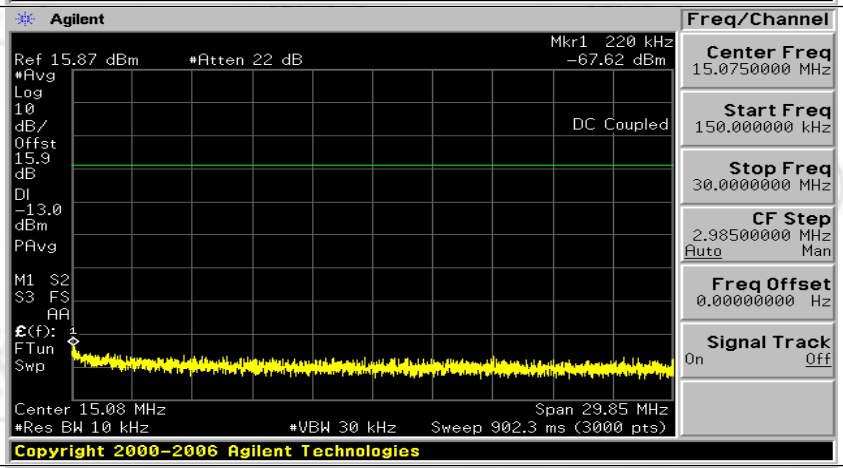


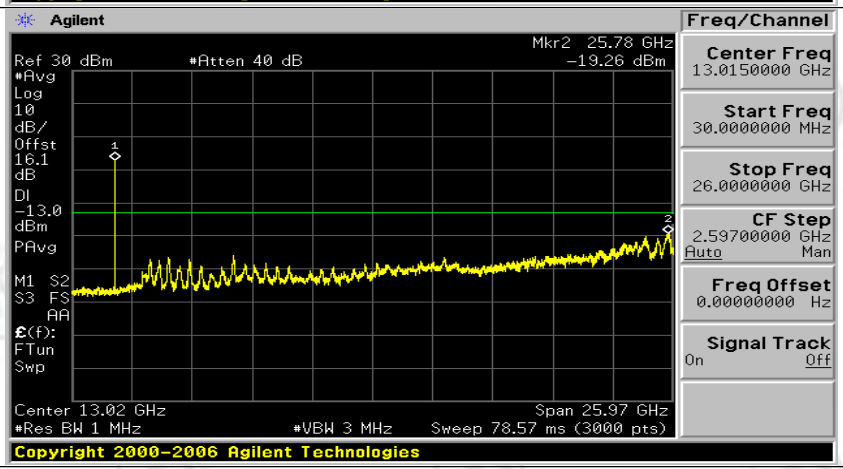




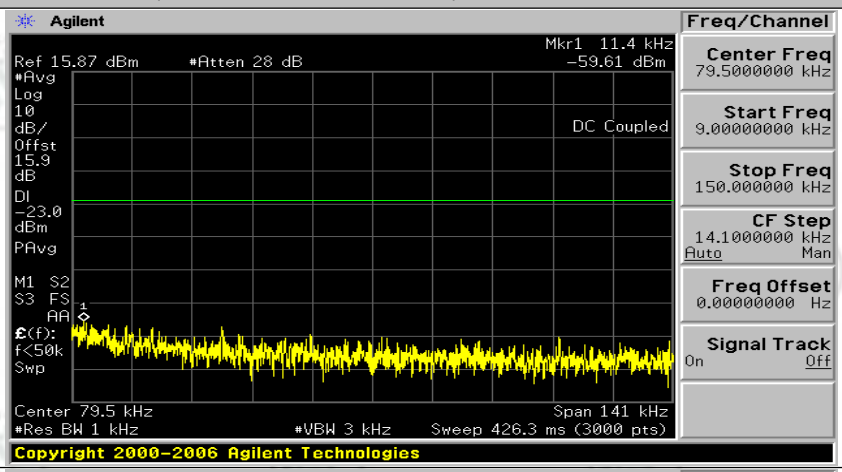
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

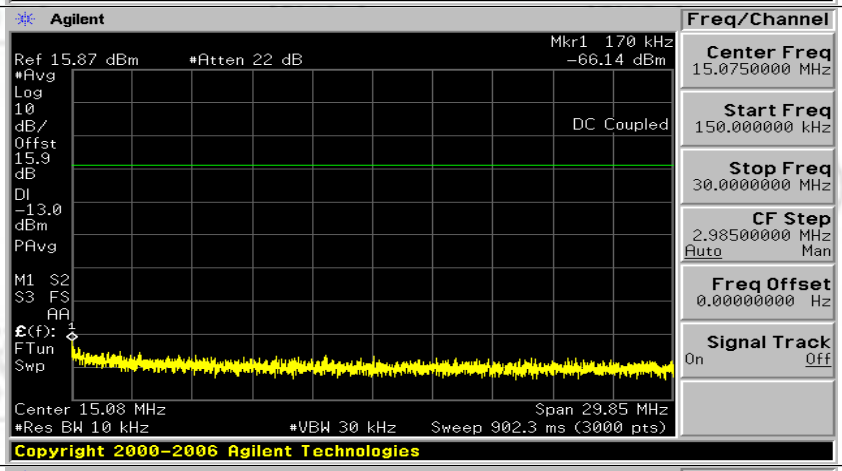


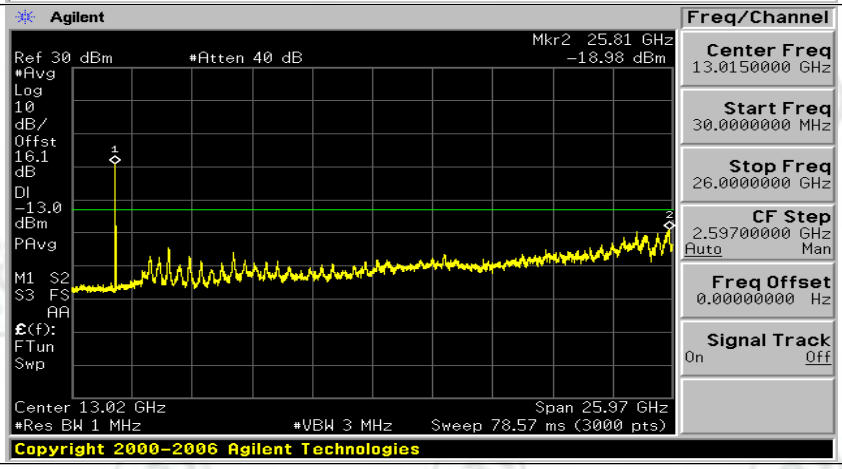




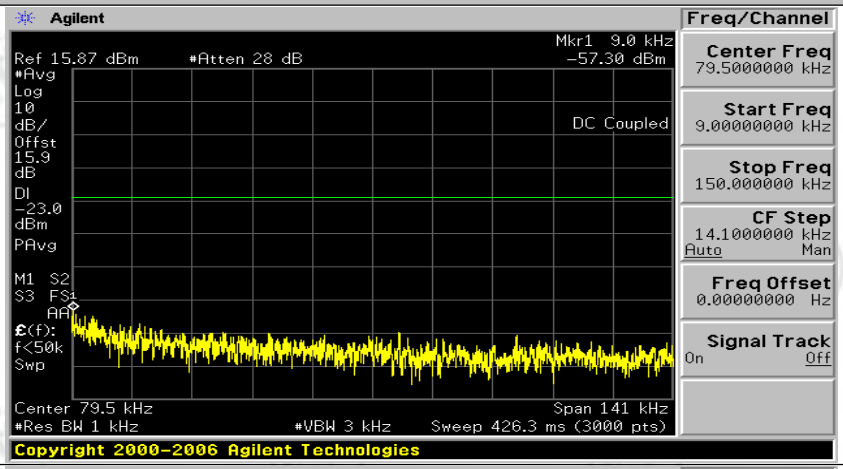
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

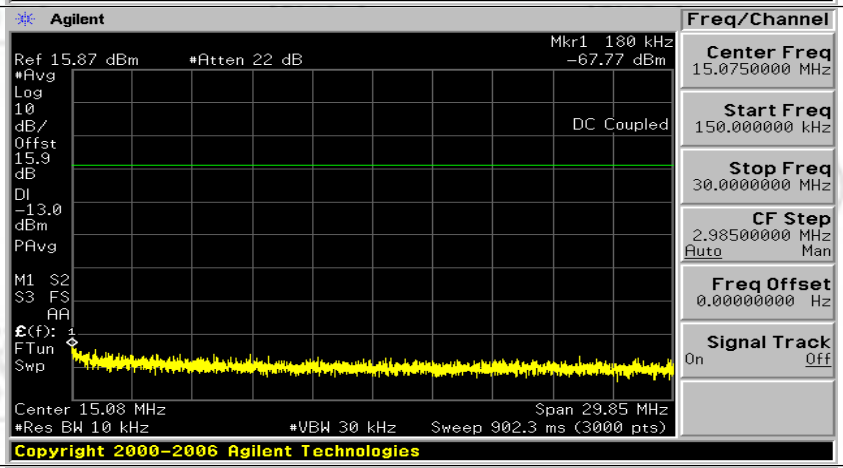


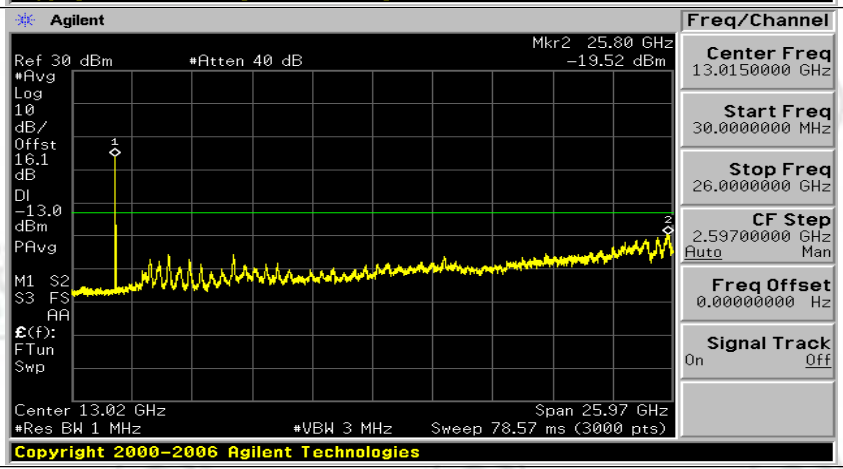




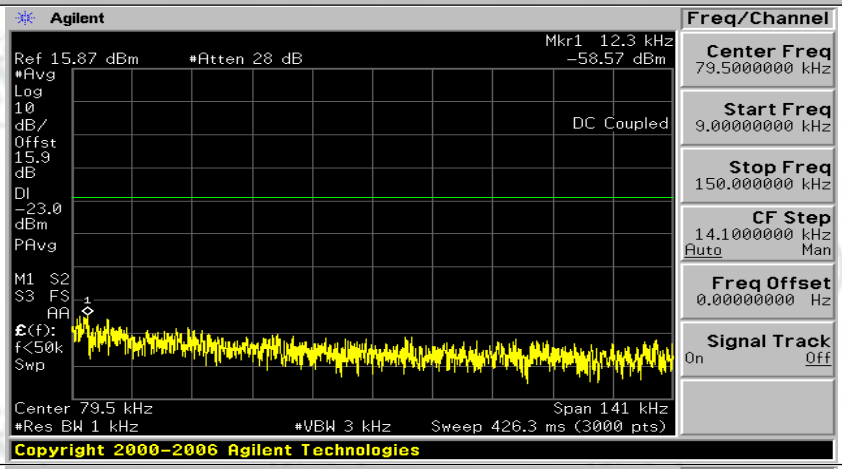
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

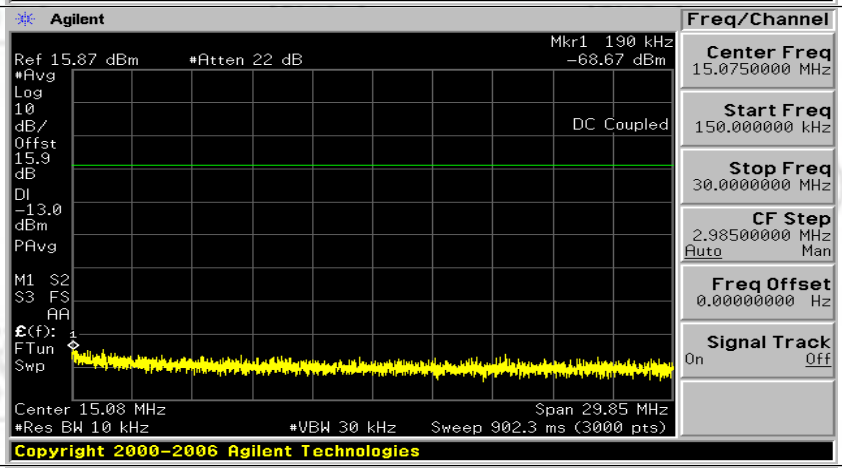


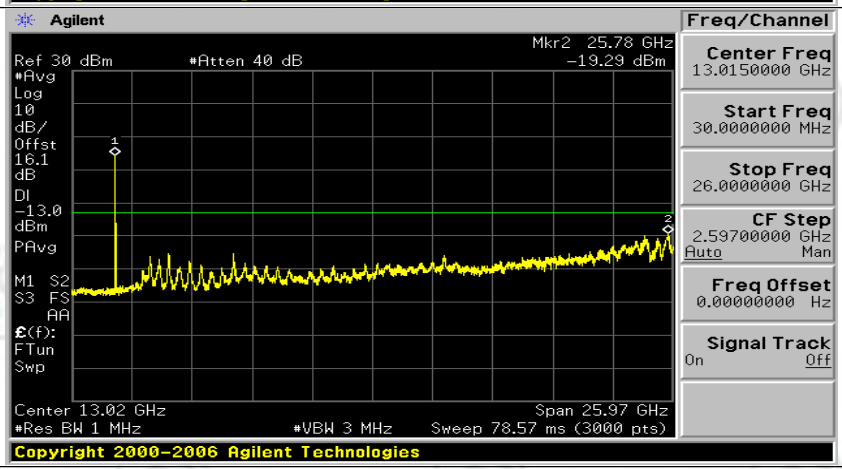




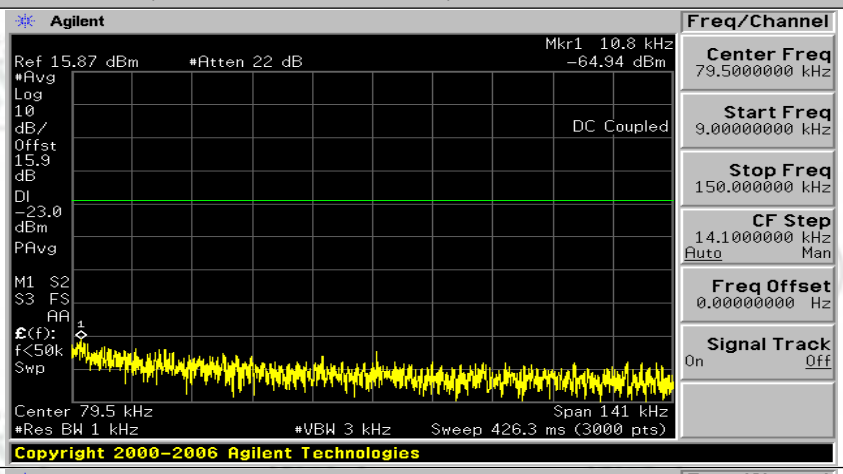
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24

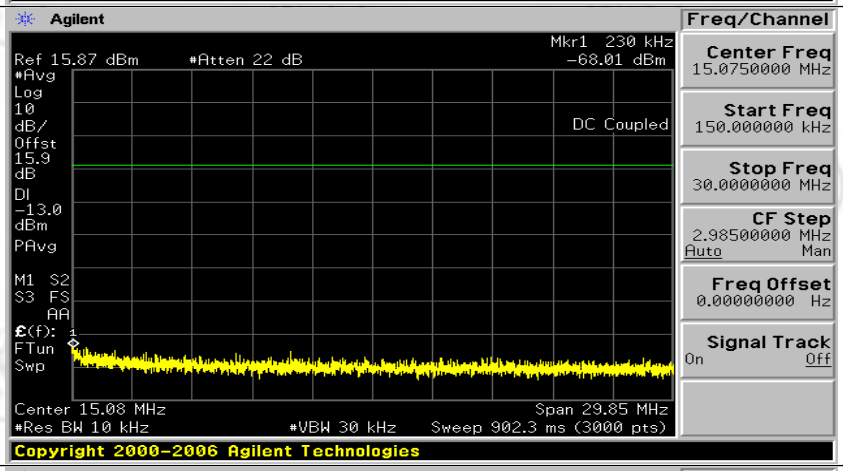


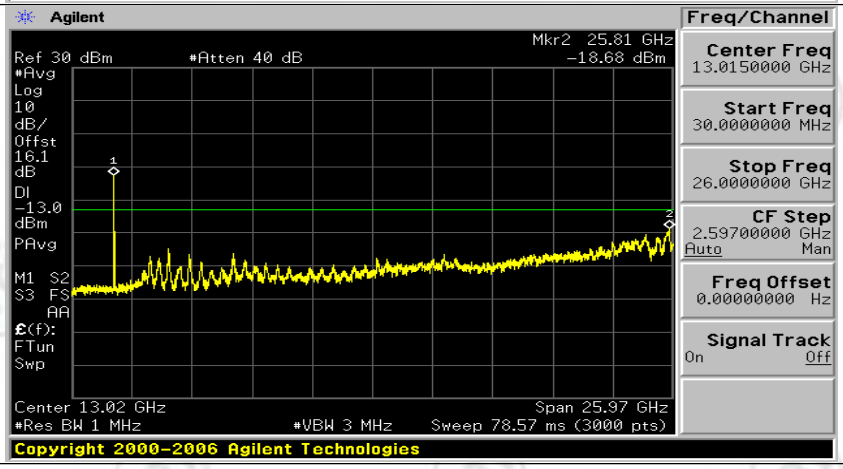




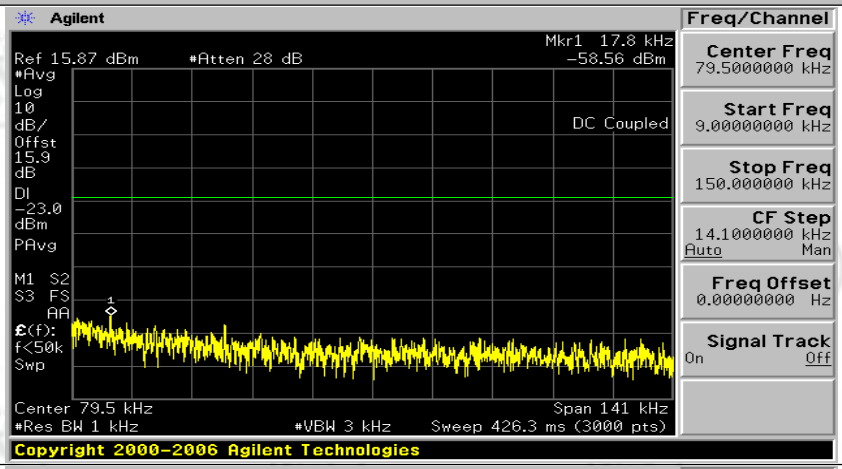
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

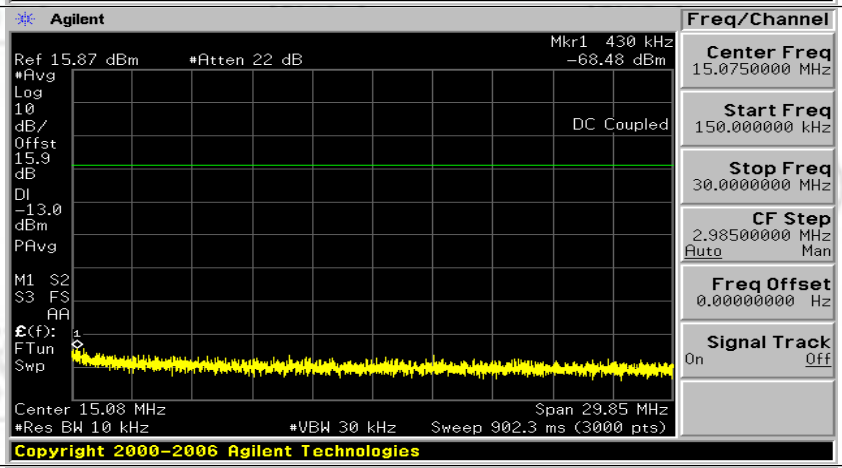


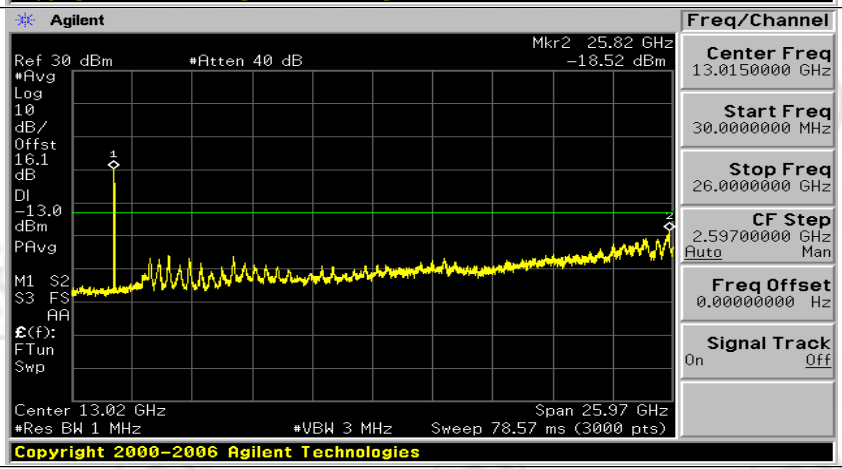




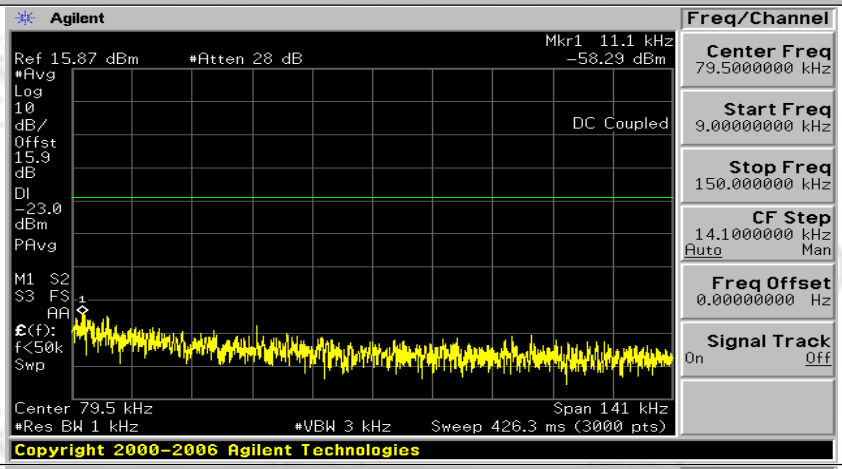
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

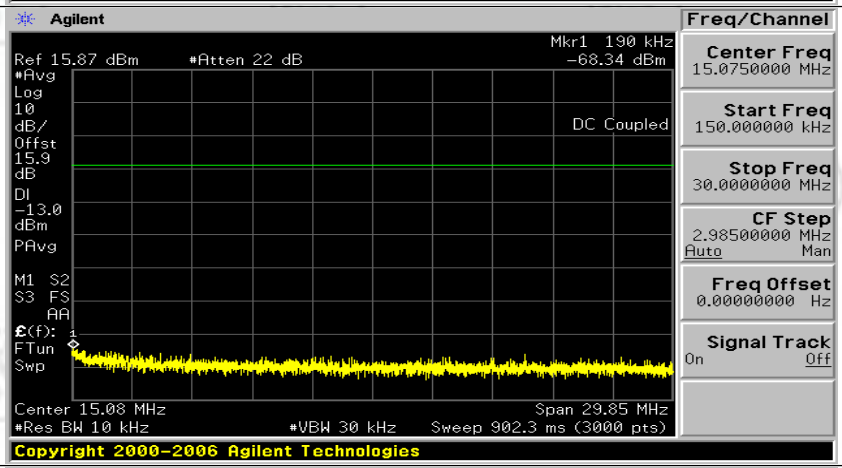


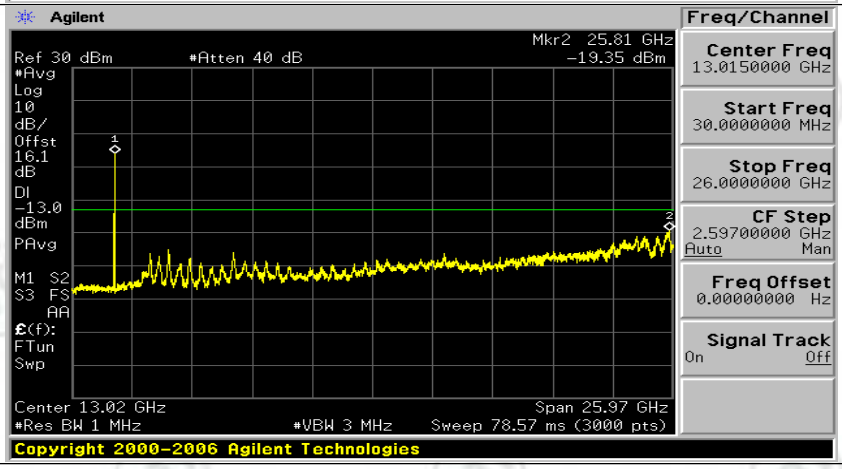




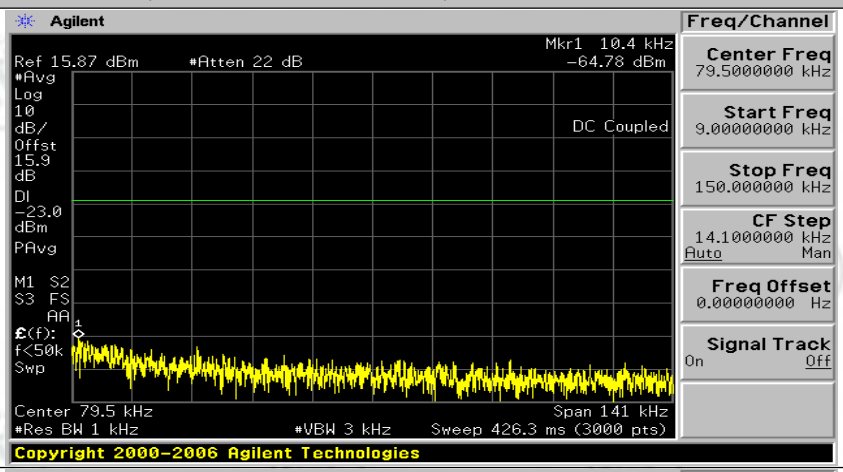
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24

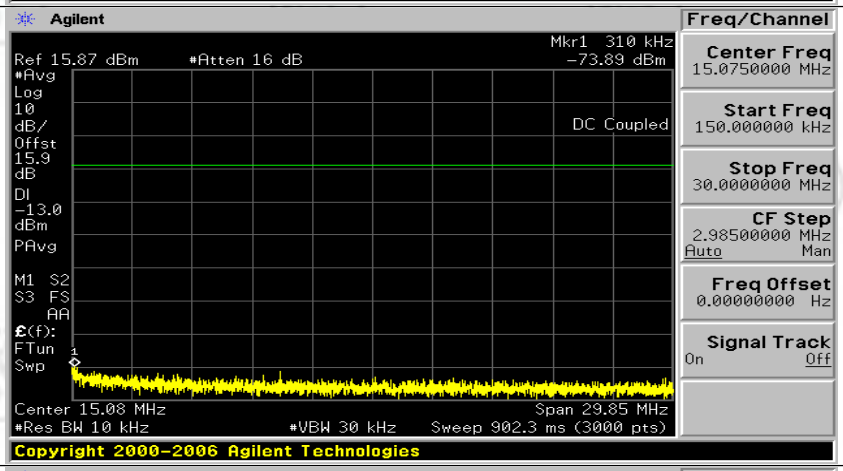


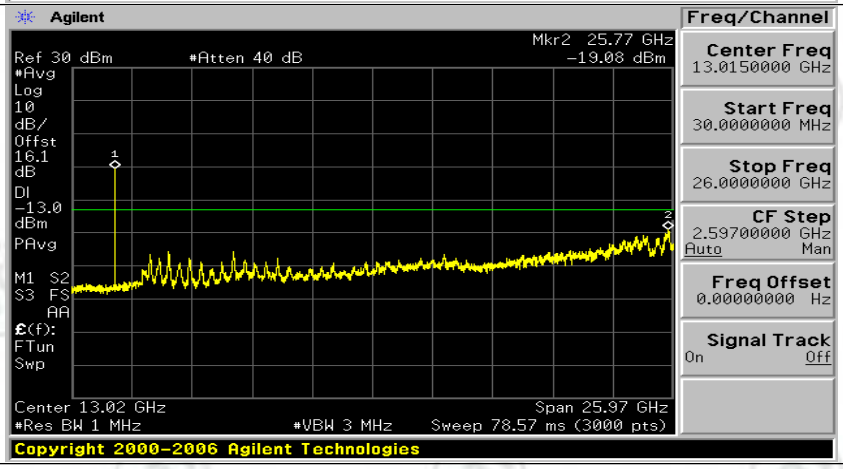




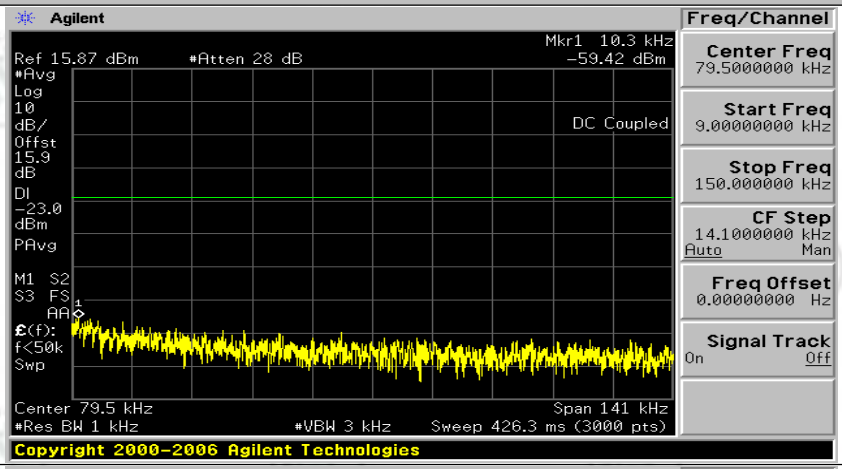
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

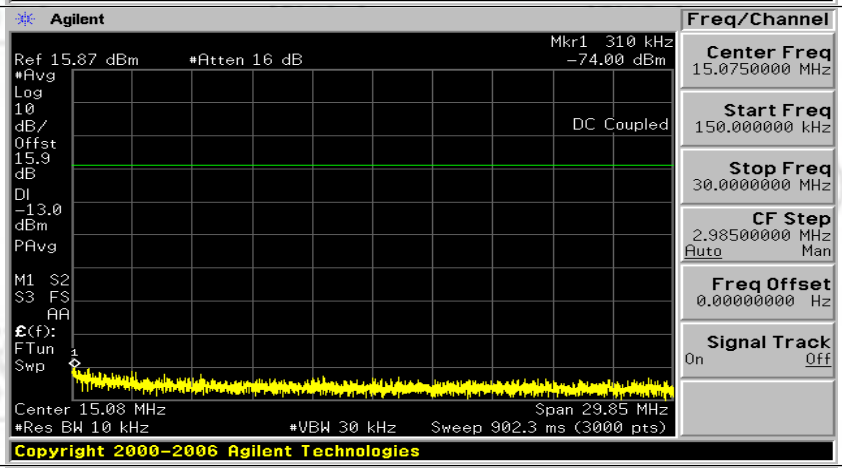


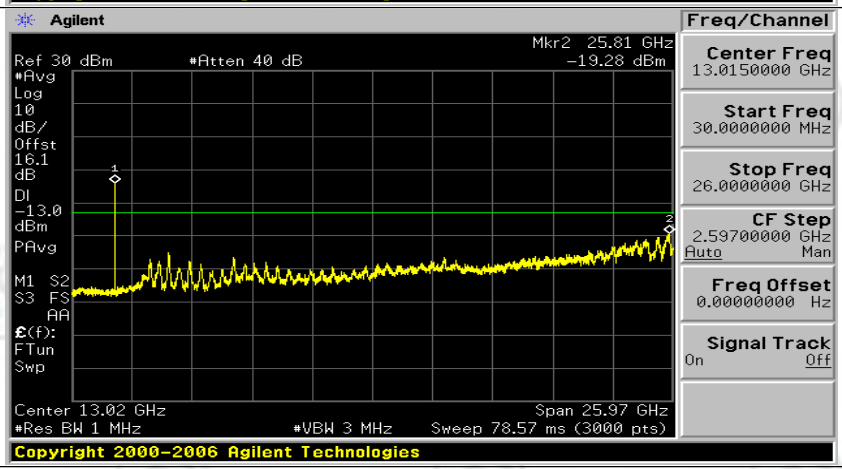




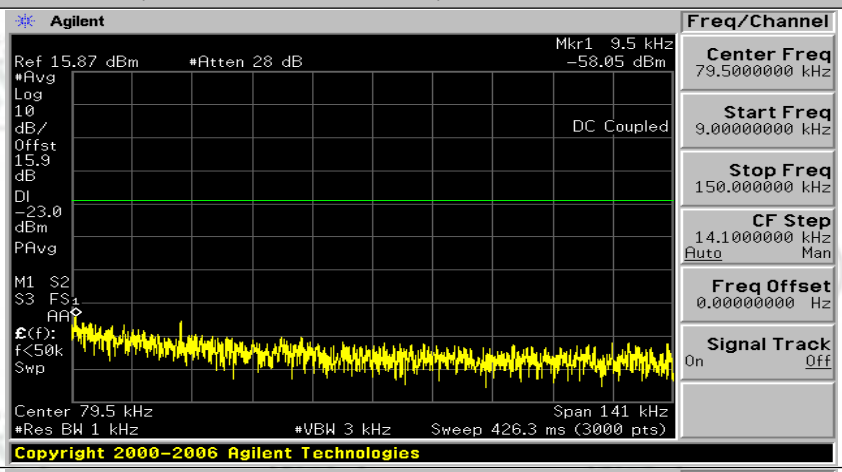
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

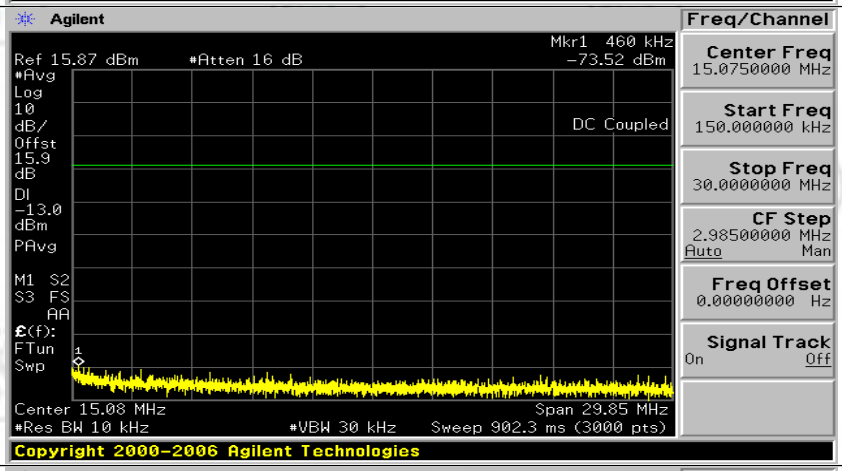


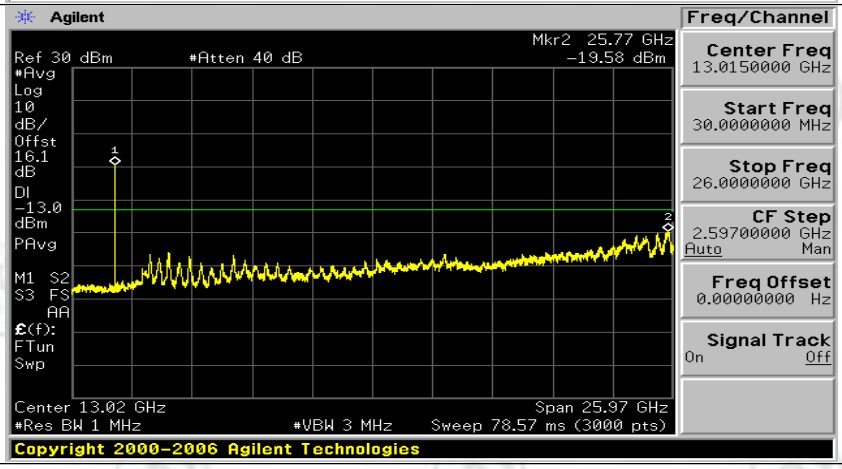




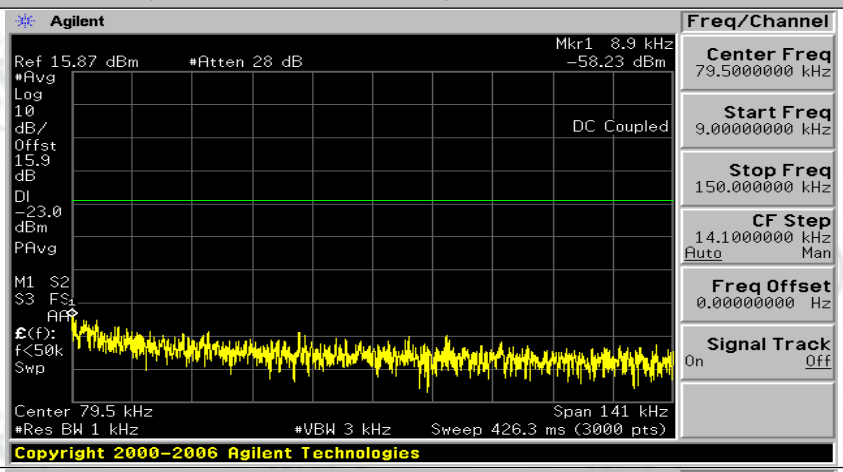
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

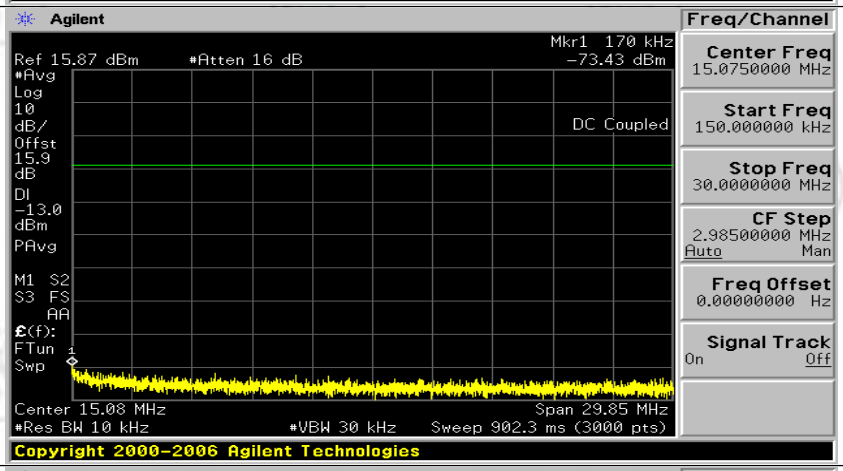


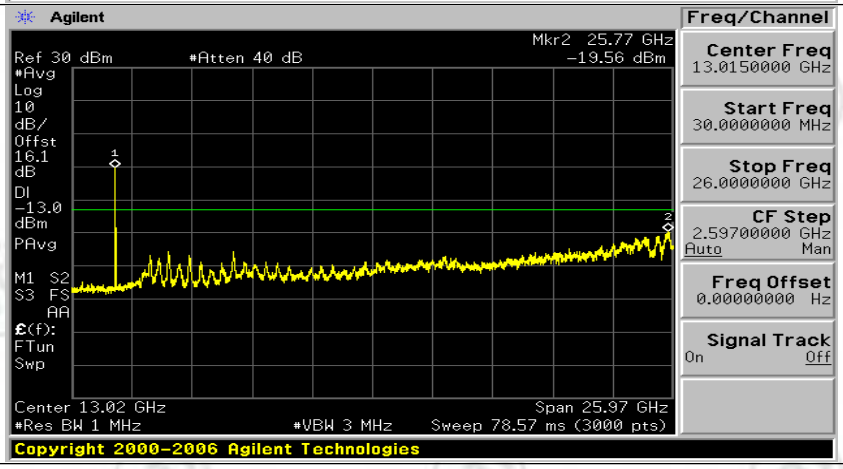




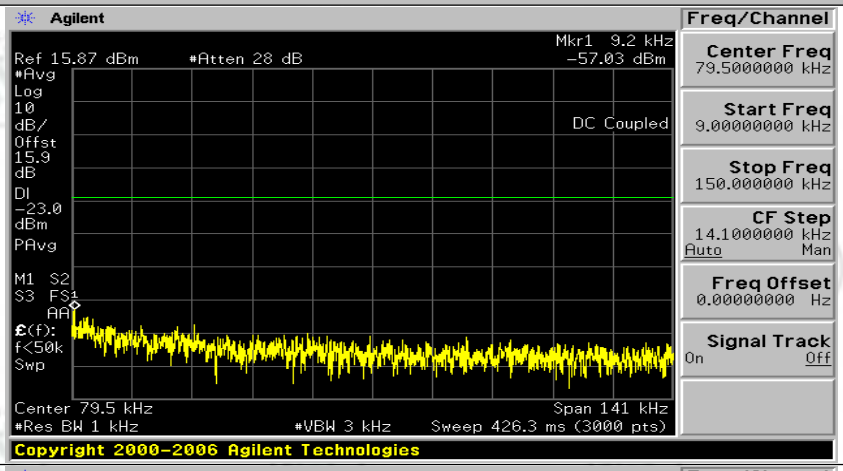
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

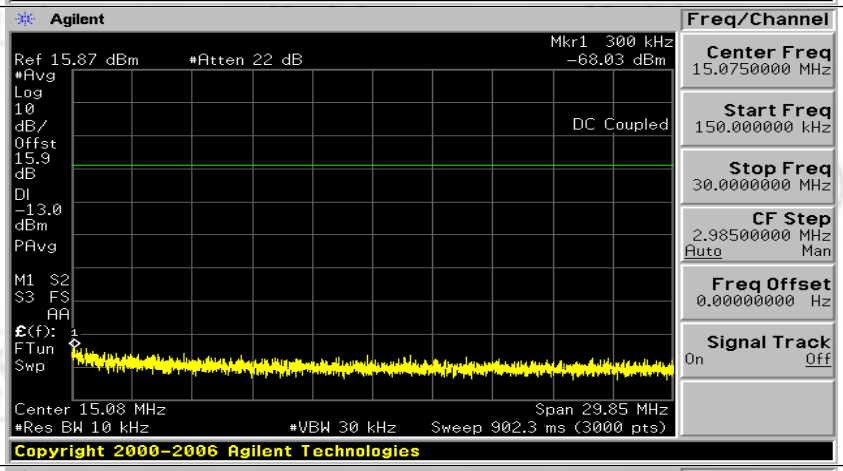


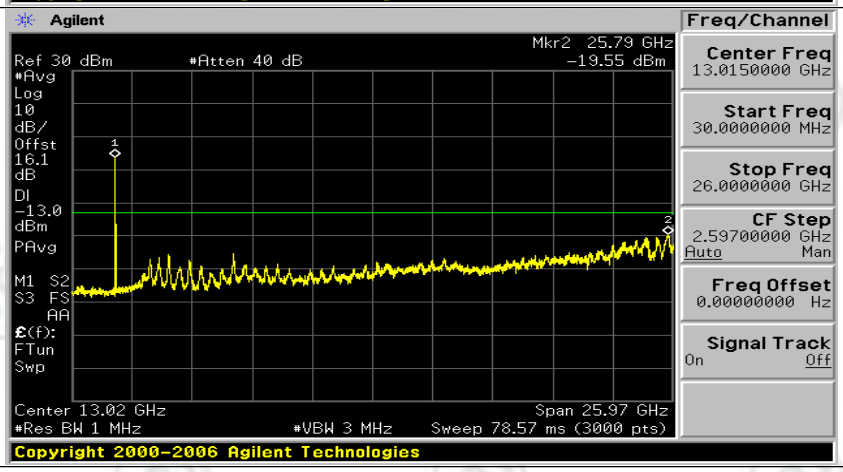




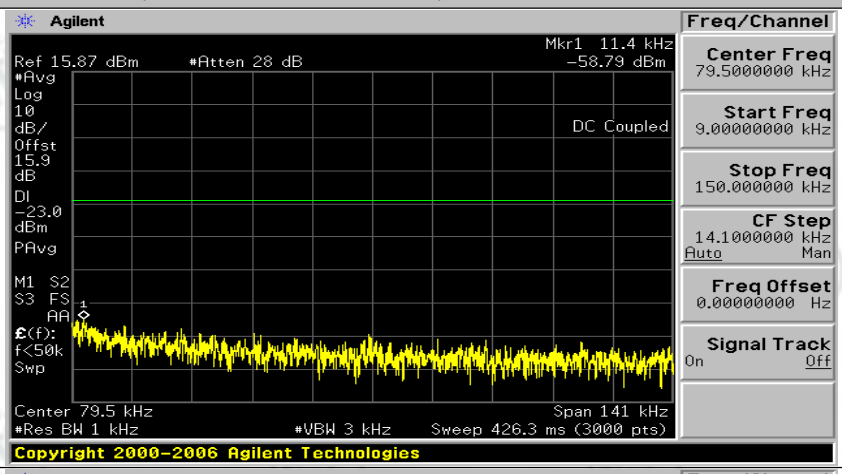
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

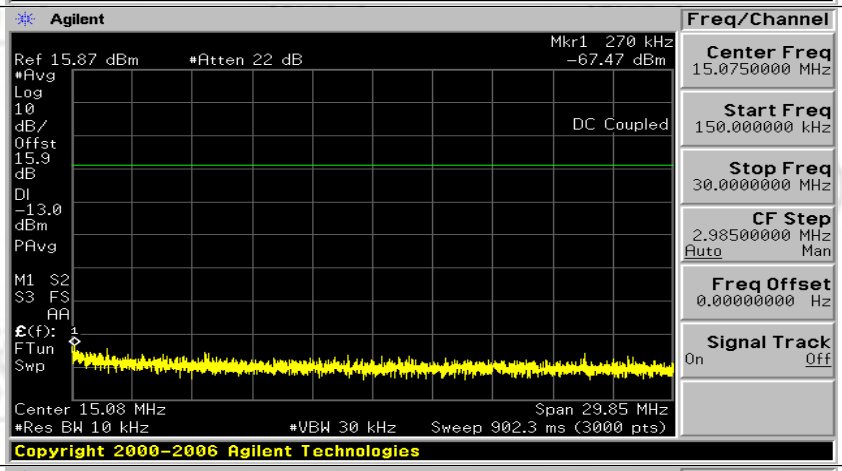


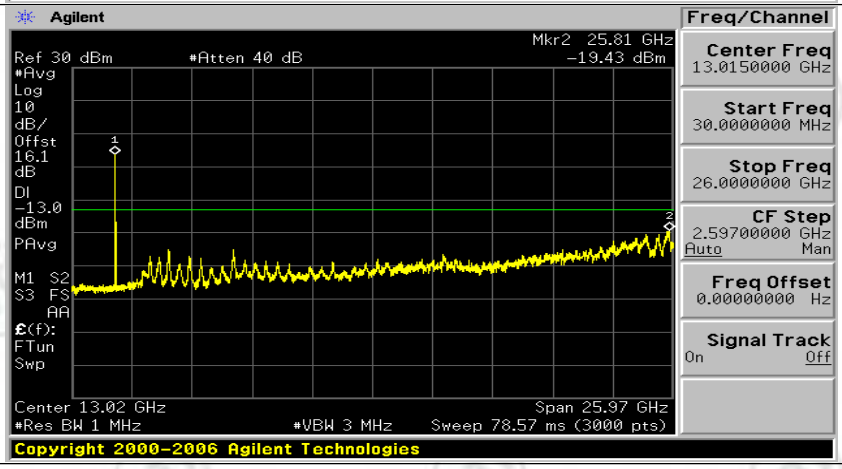




(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24

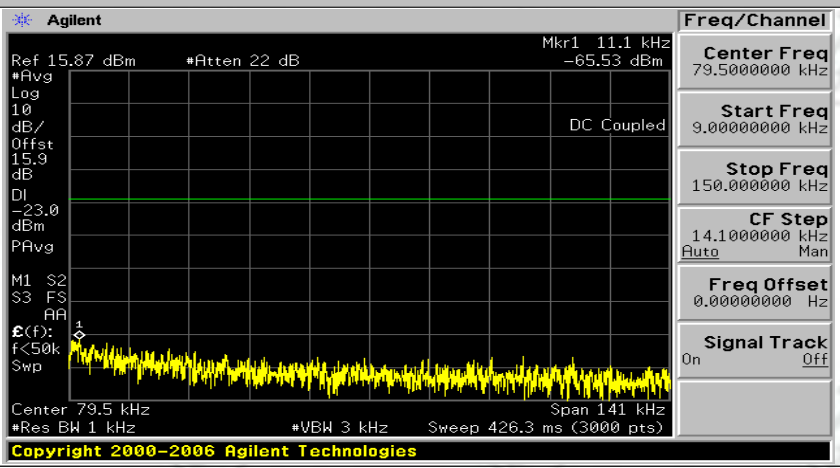


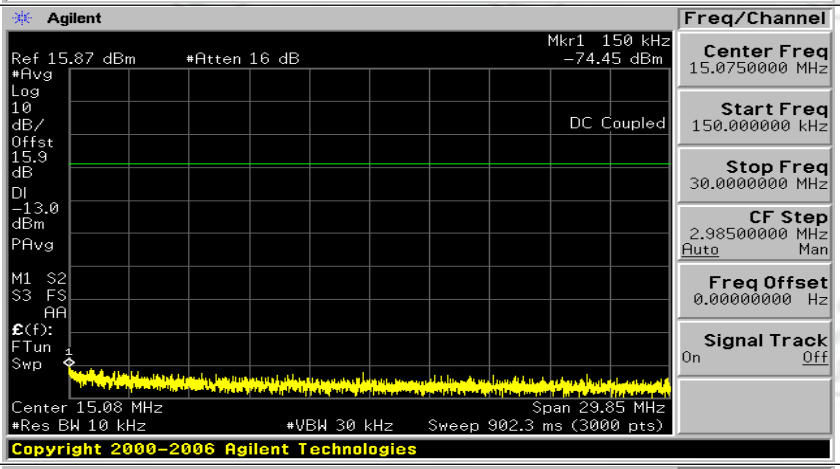


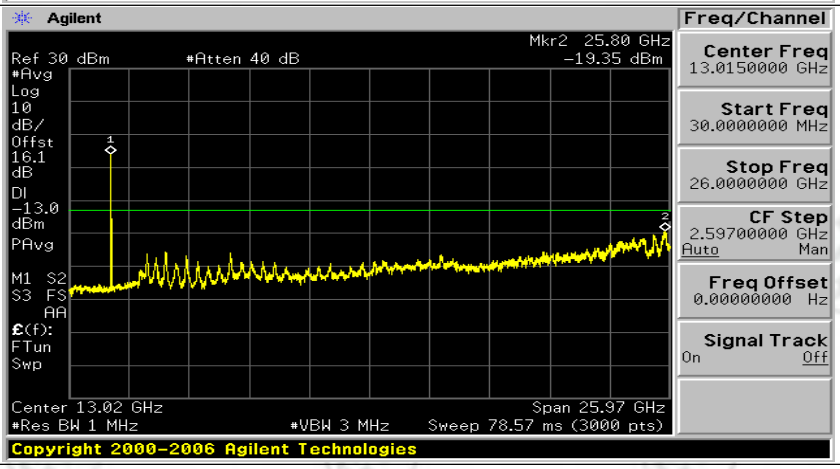


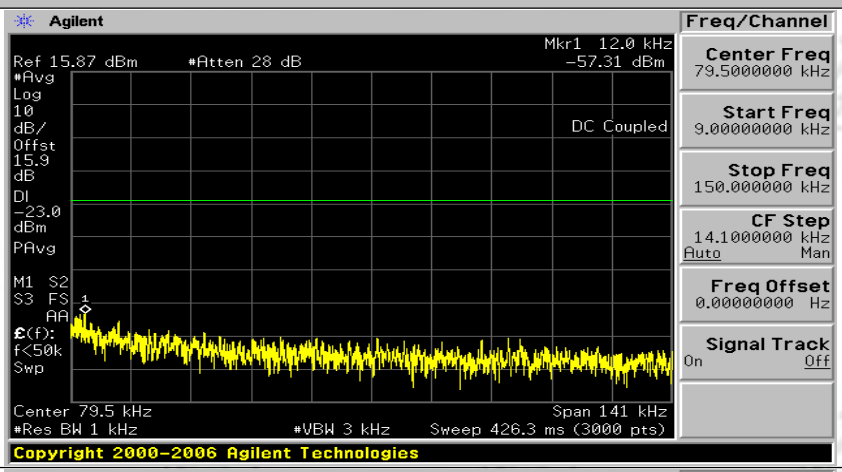
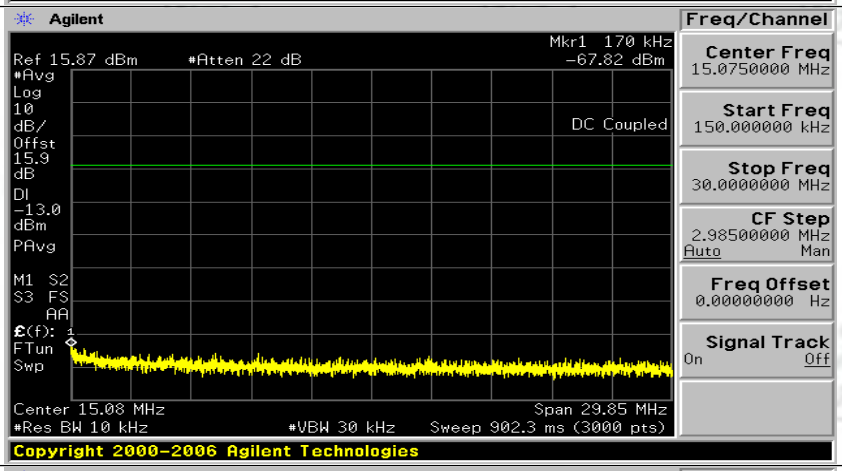
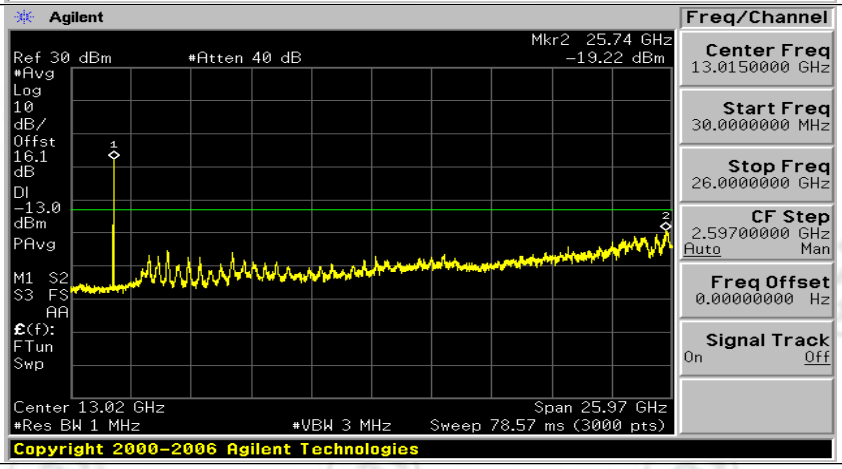
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0

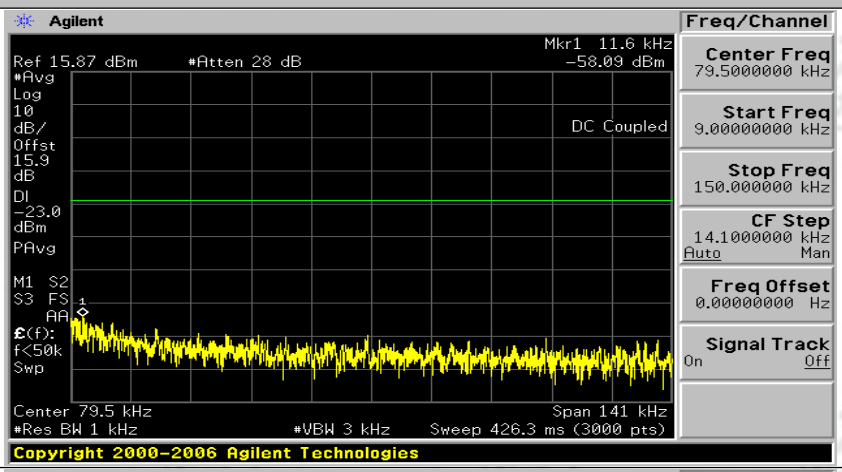


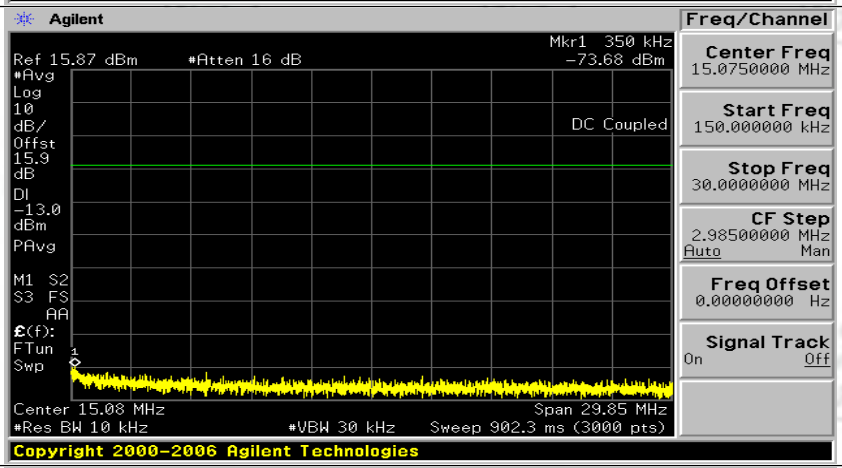


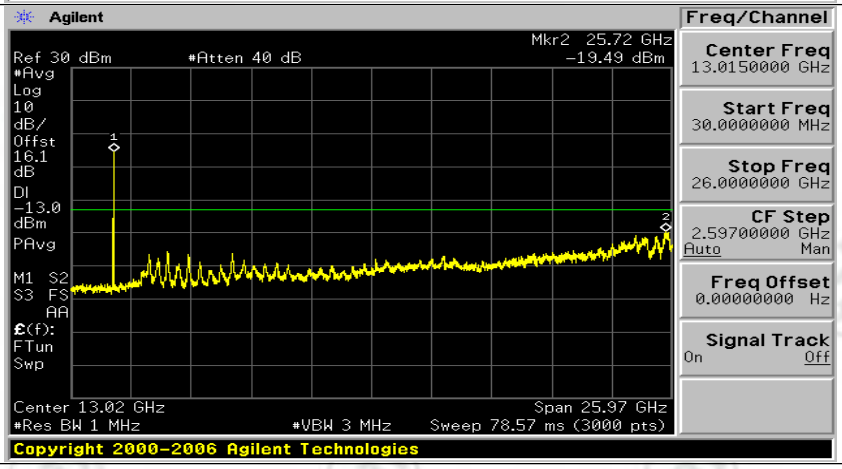


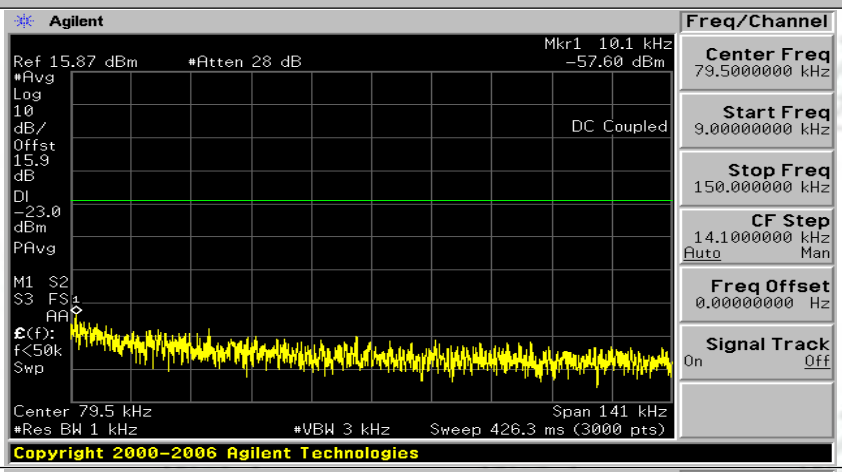
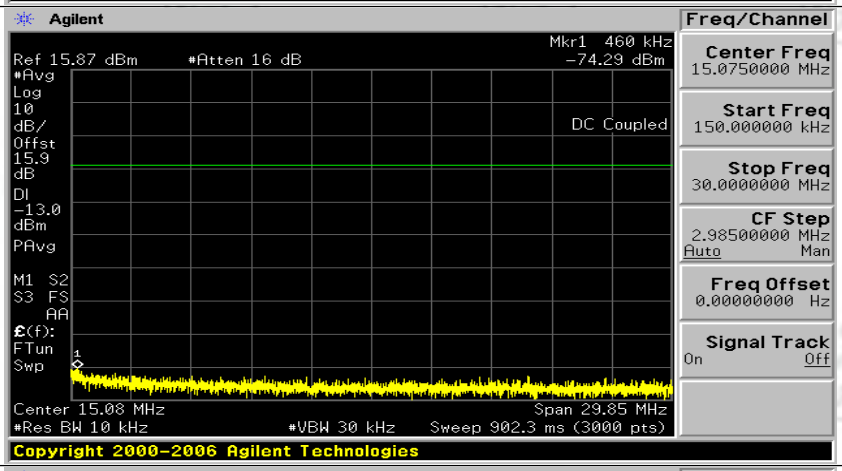
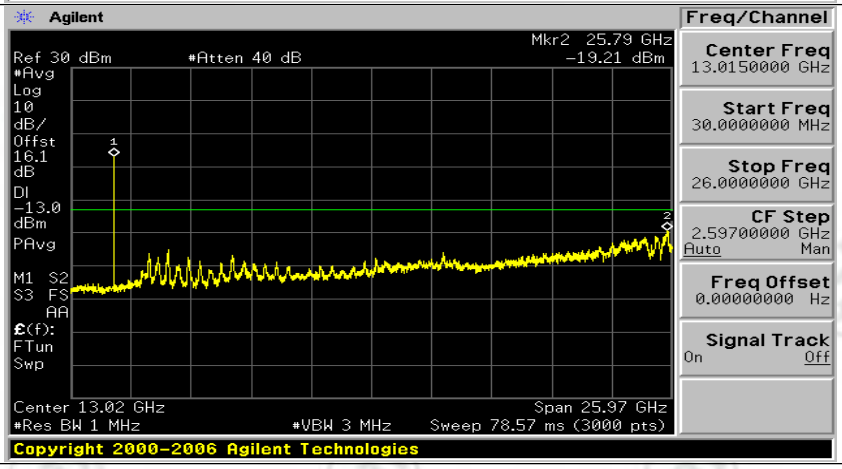
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24




Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49

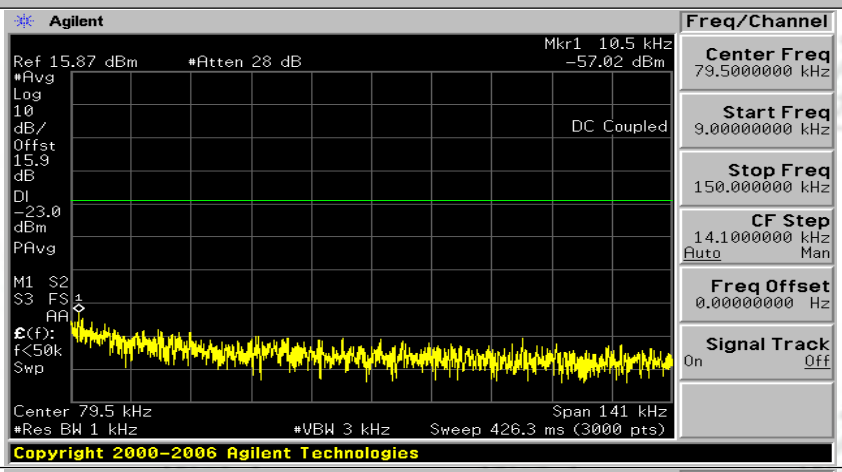


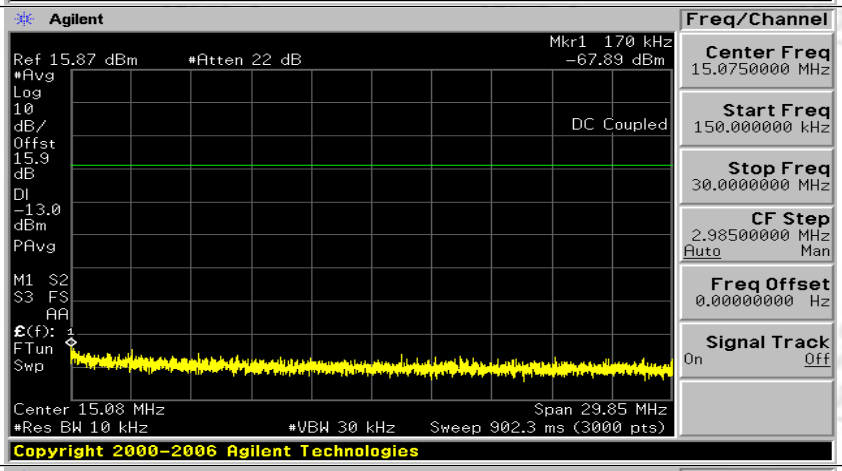


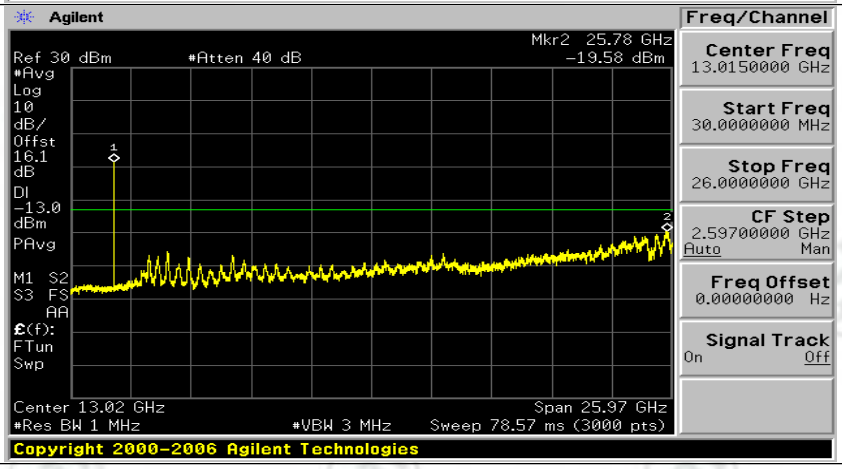


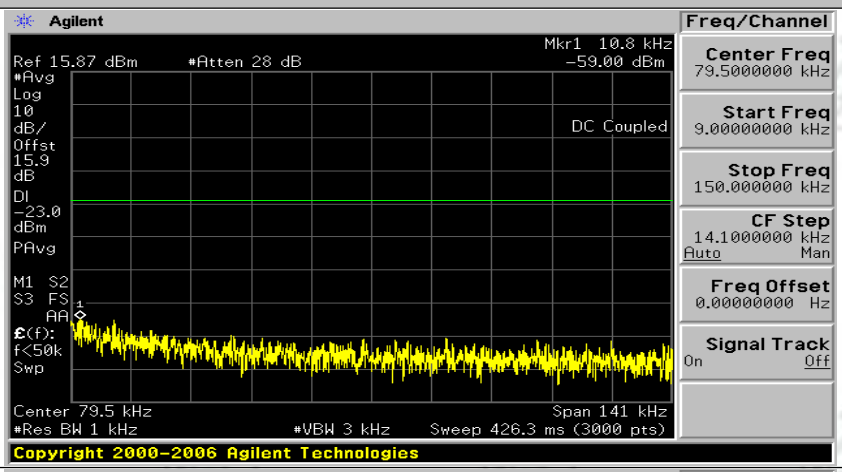
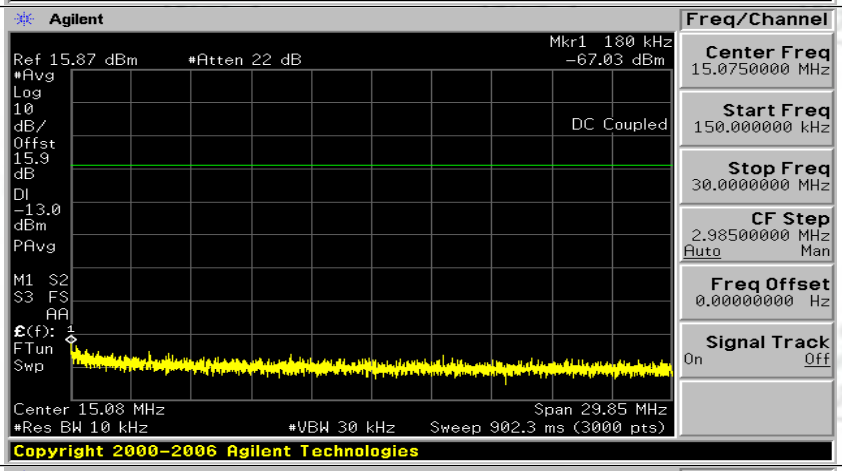
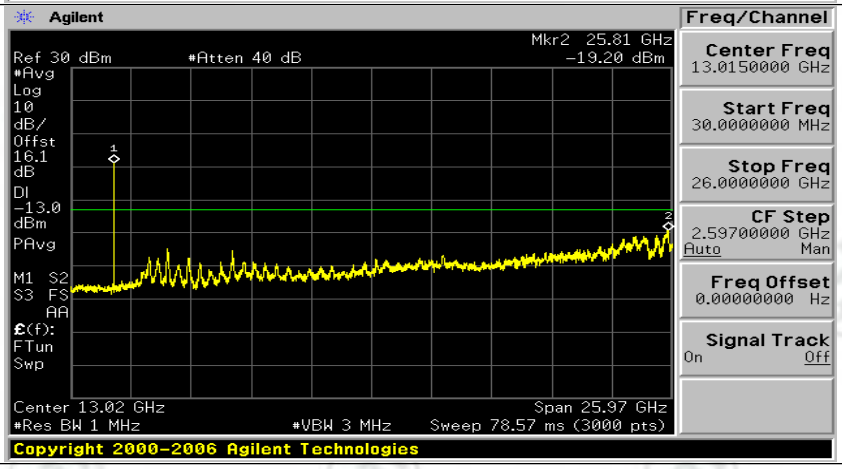
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0




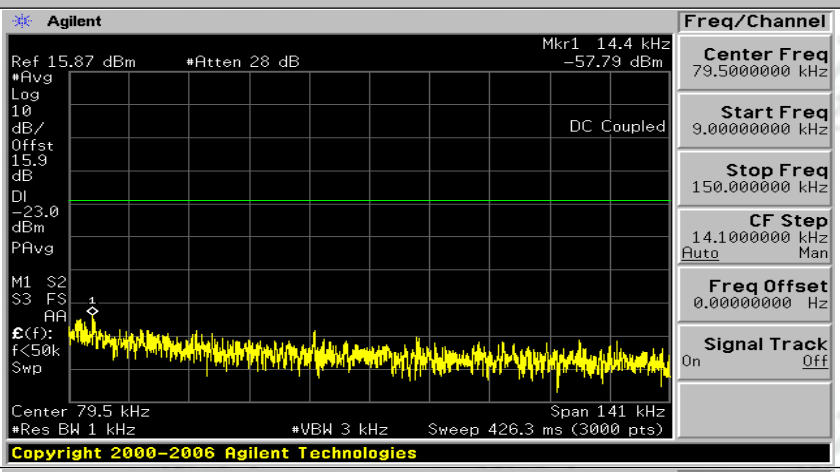
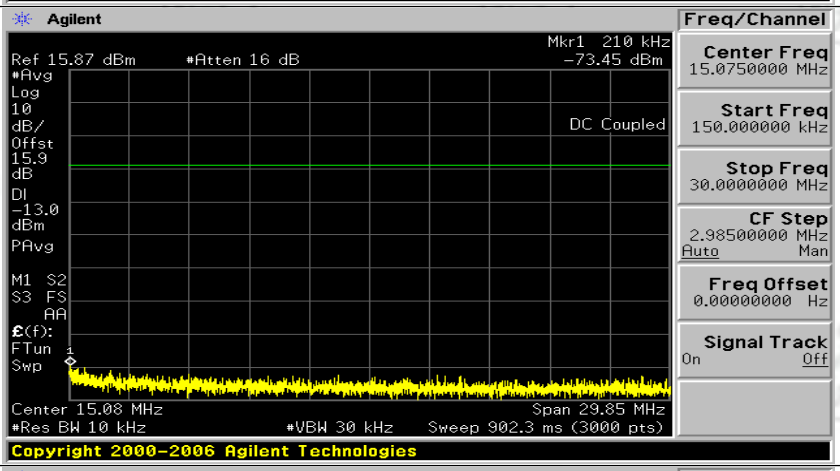
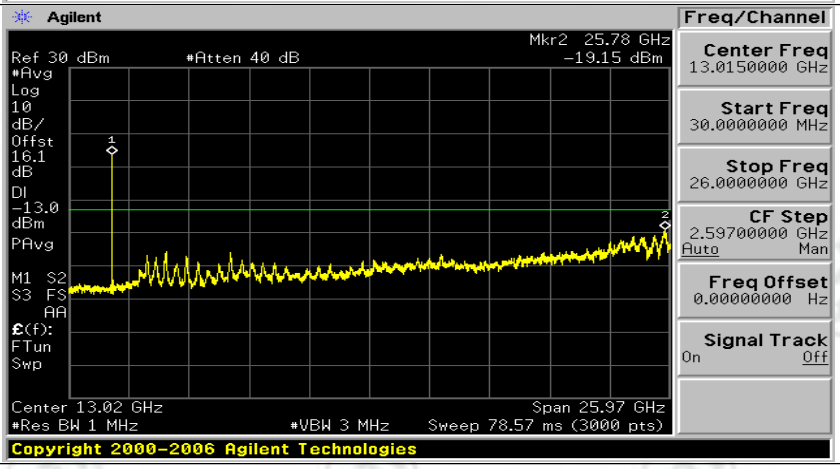
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



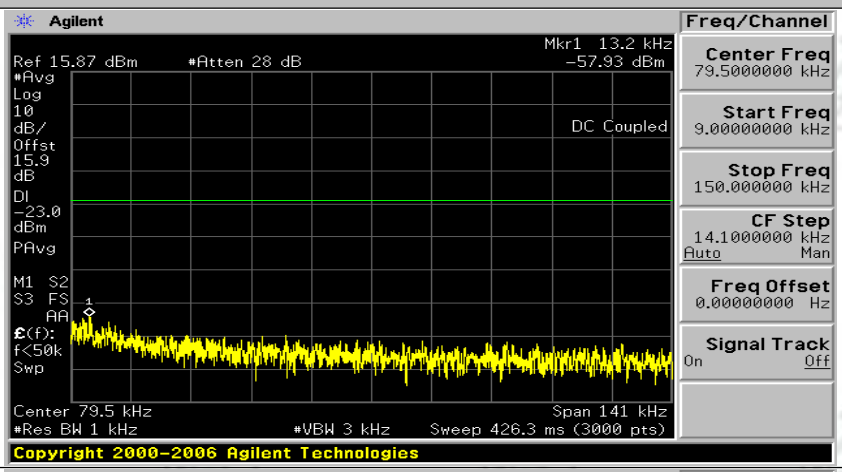


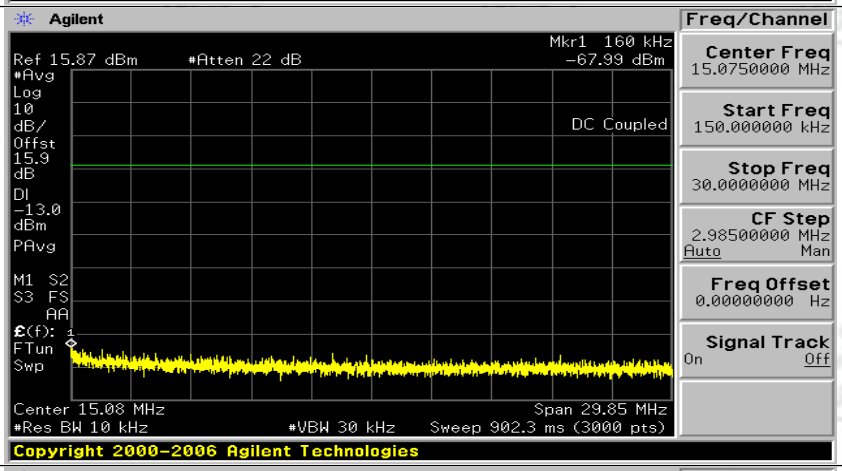


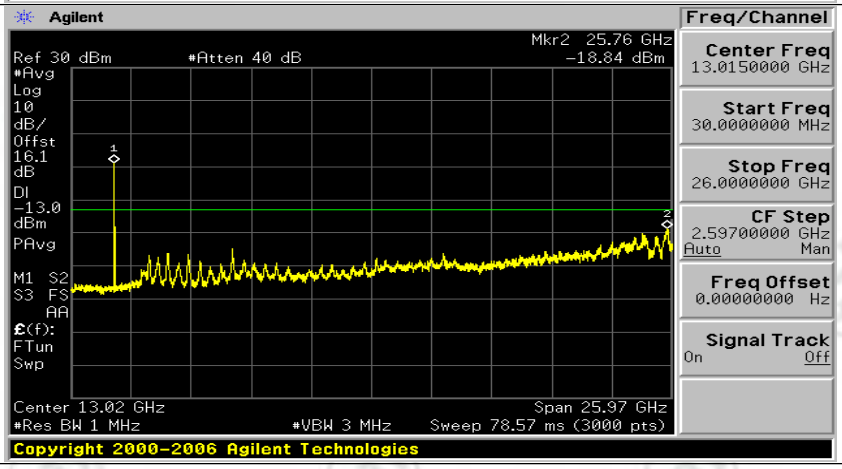
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49




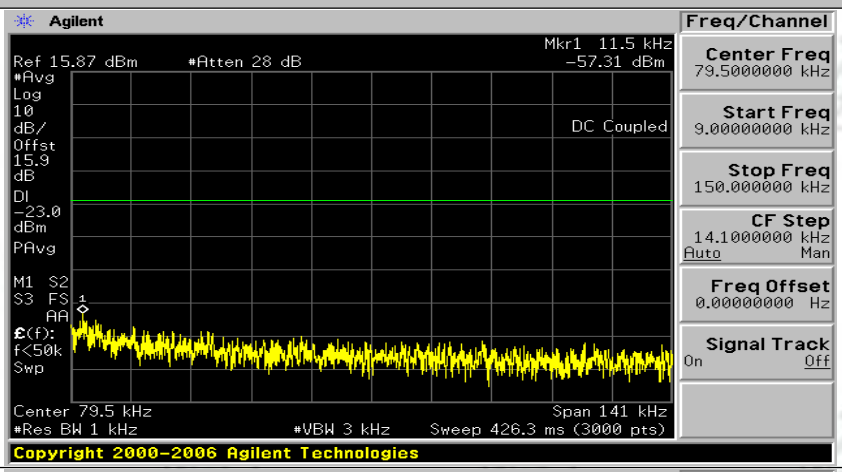
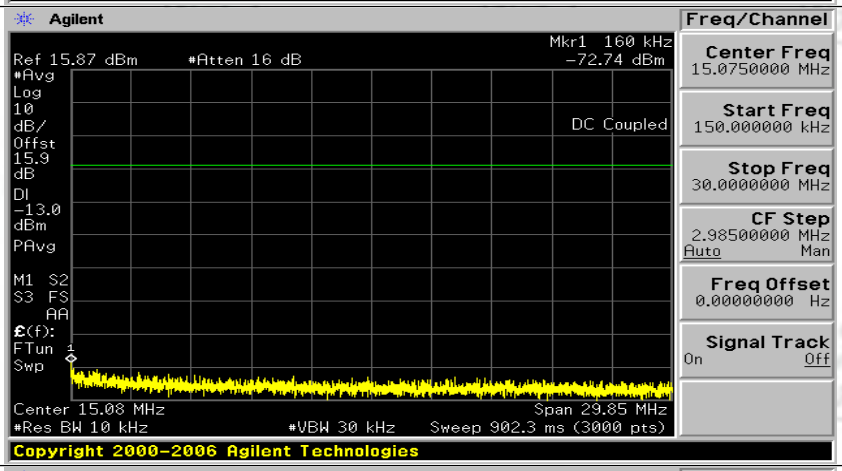
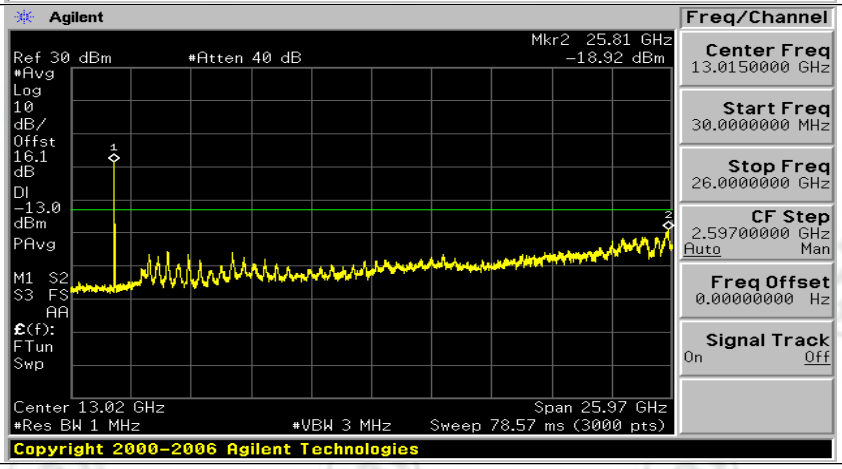
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0




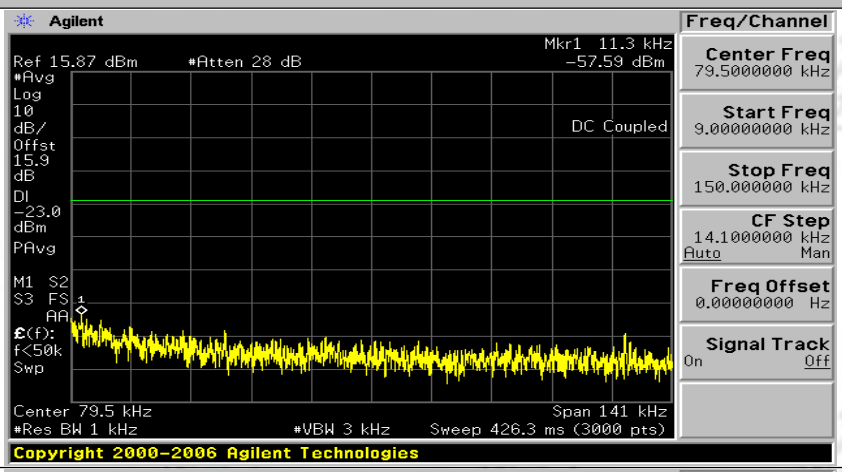
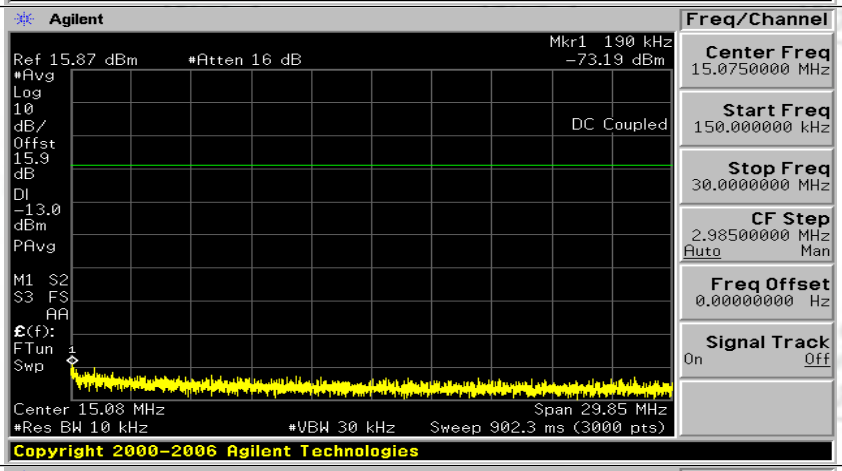
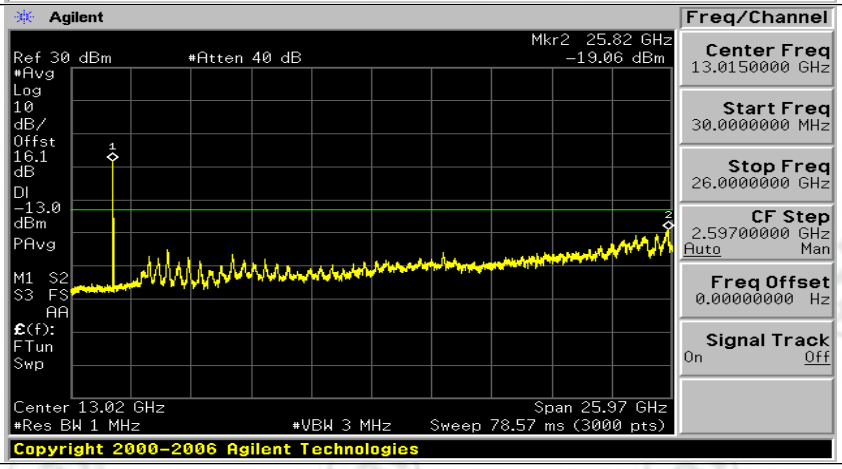
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

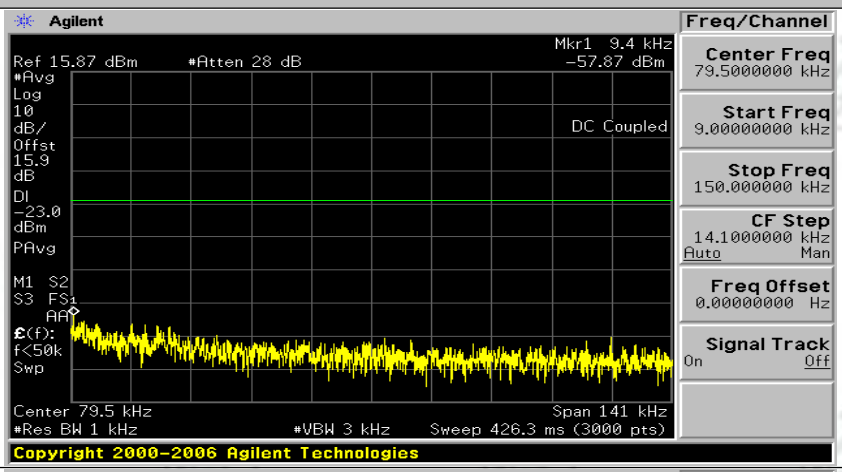
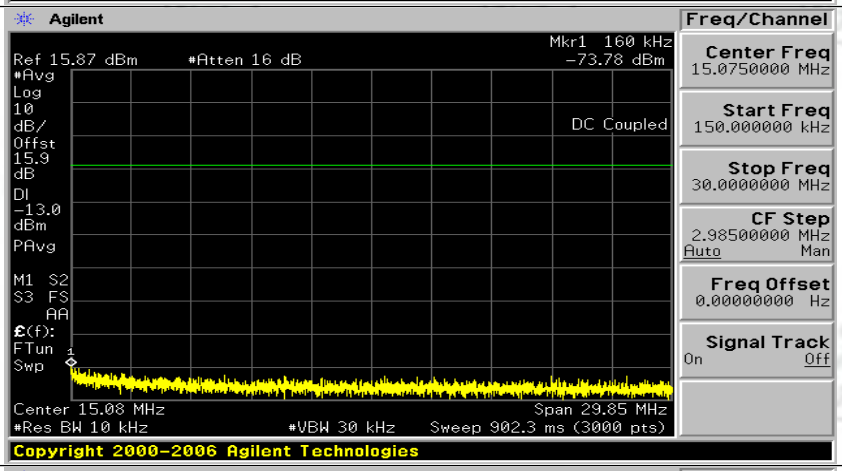
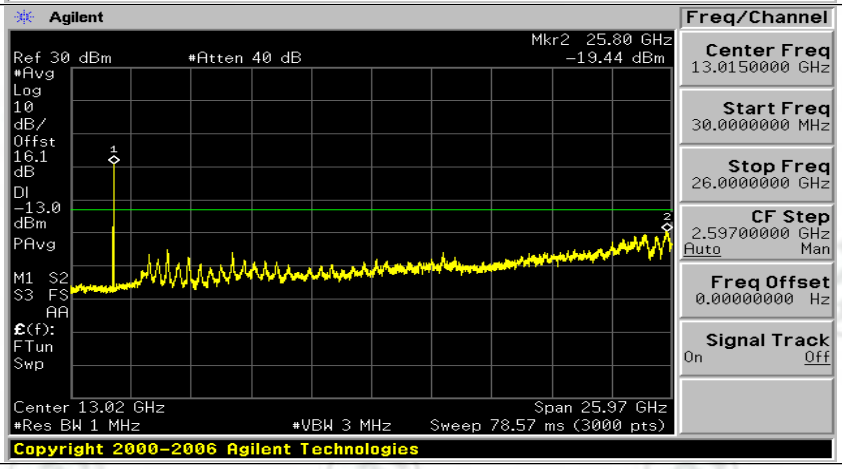


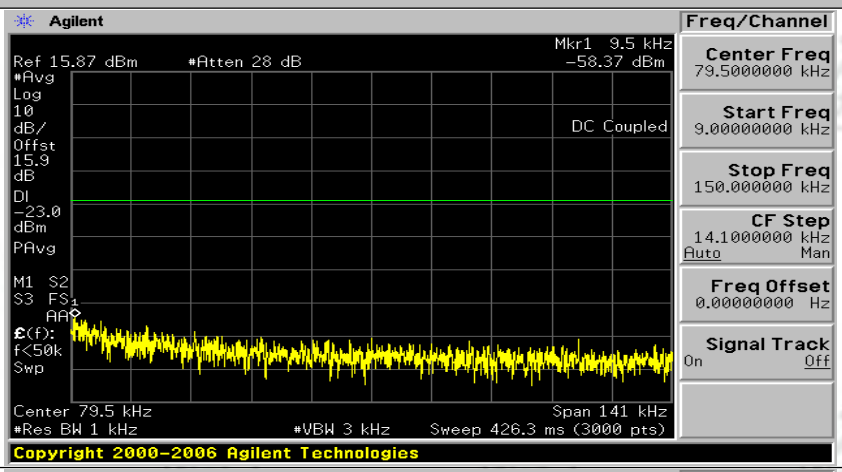
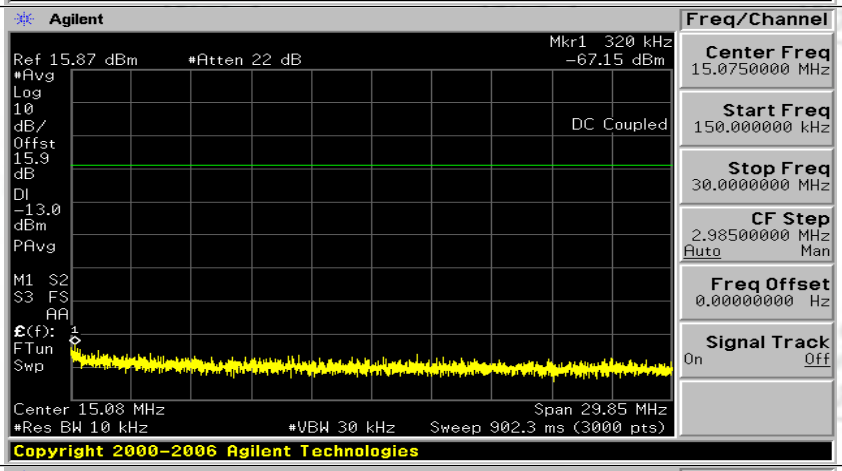
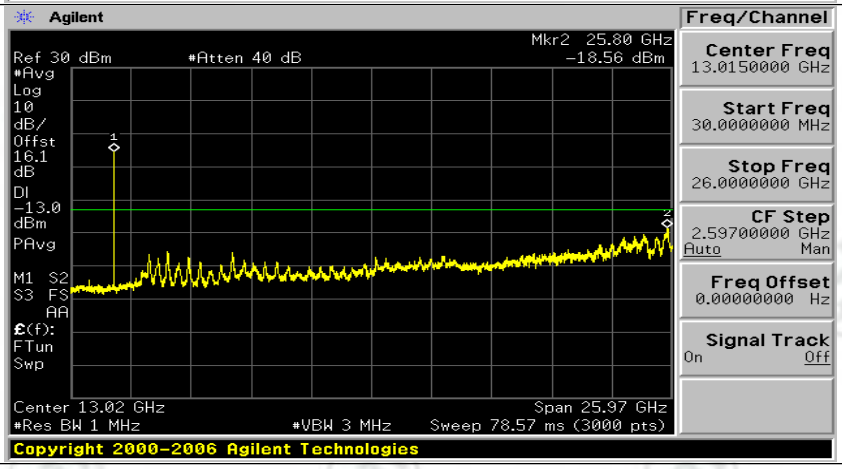


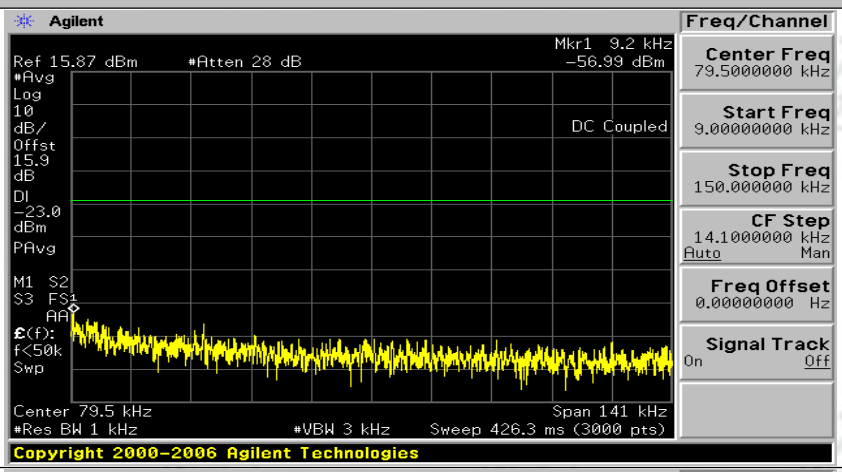
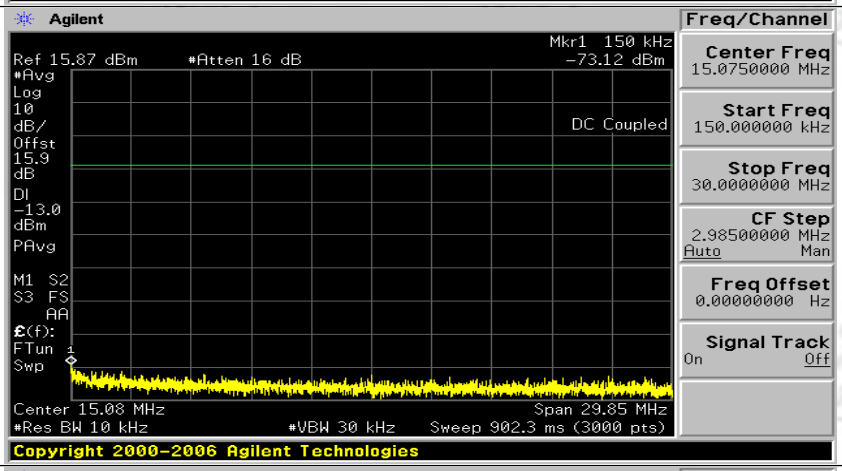
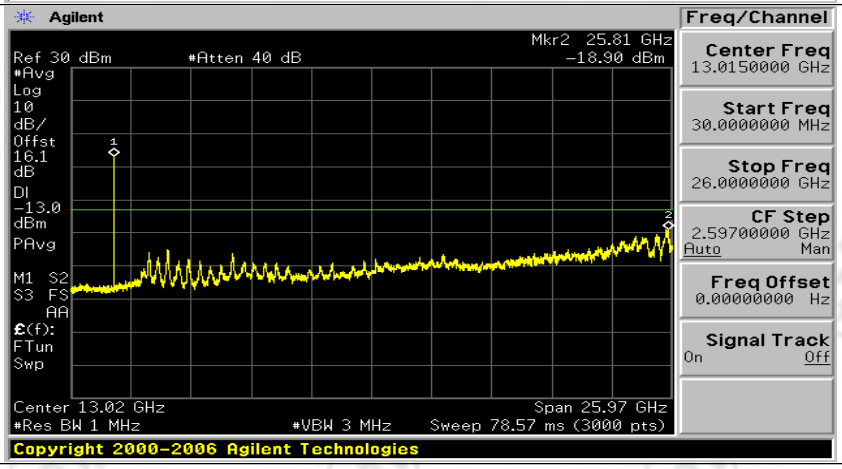


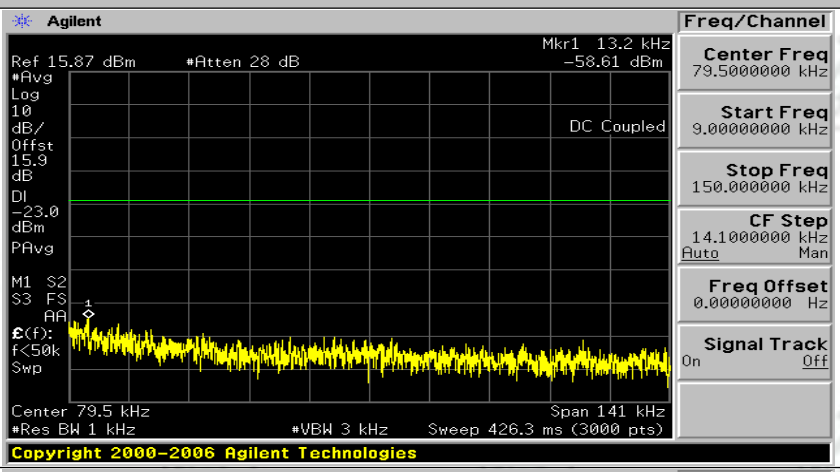
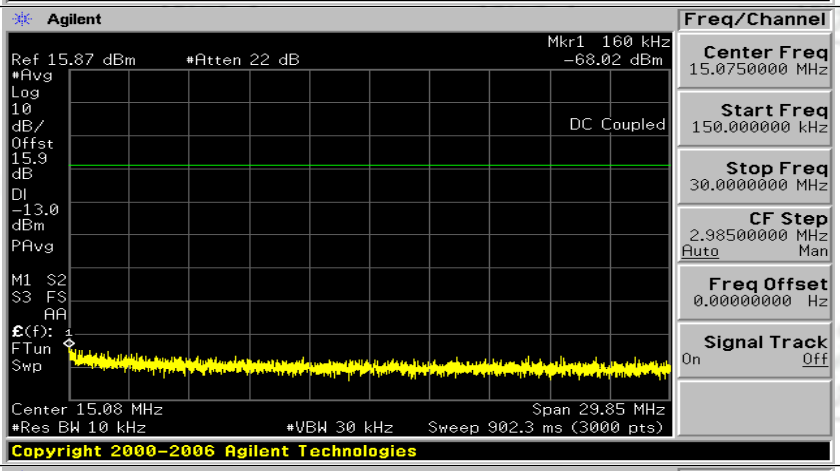
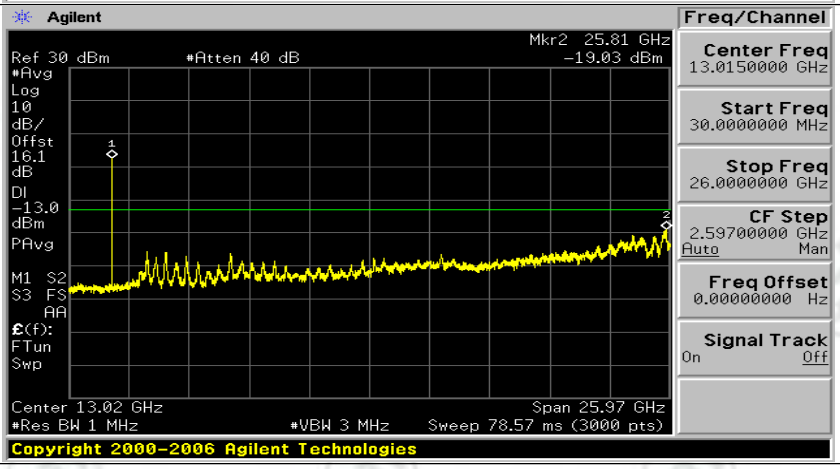
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49




Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0




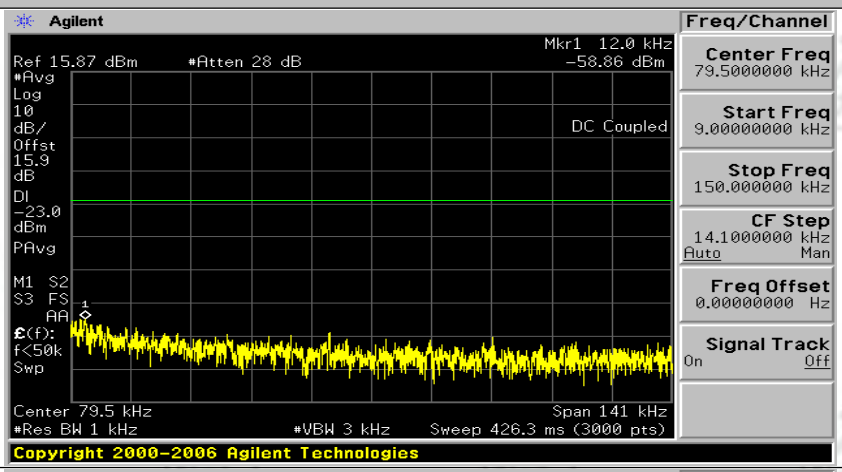
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24




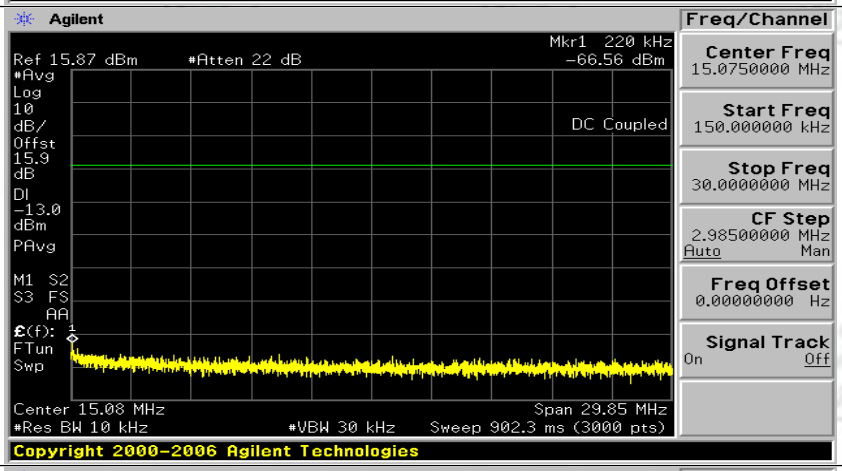
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0




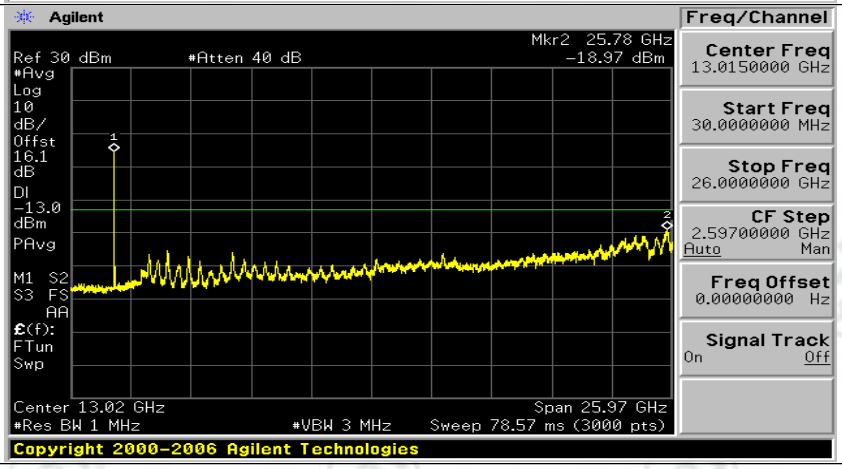
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24




Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49




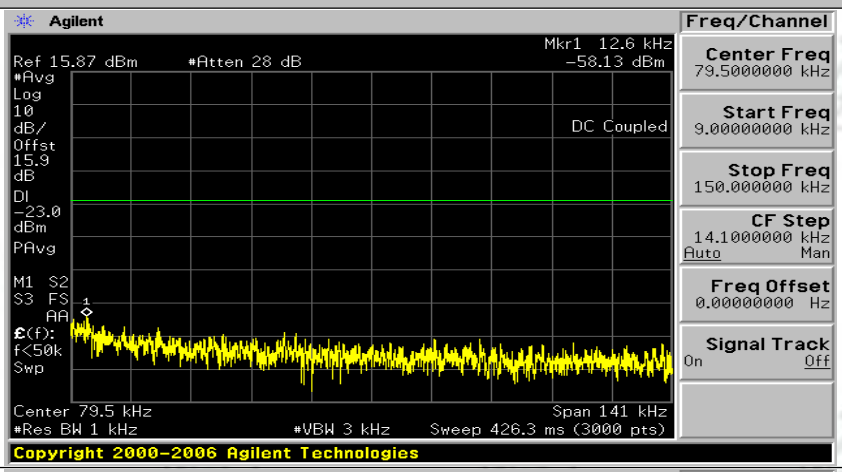
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

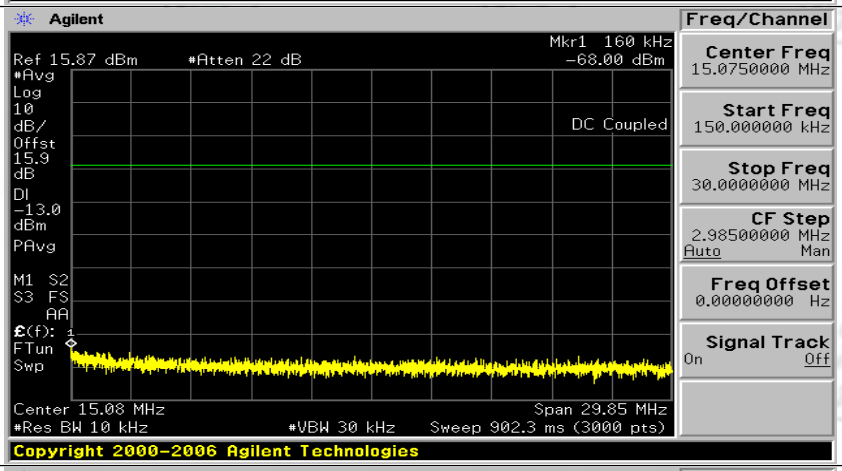


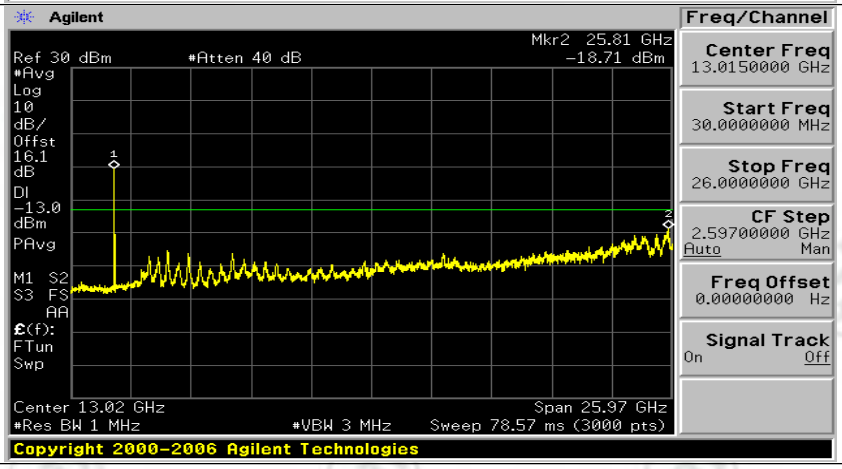


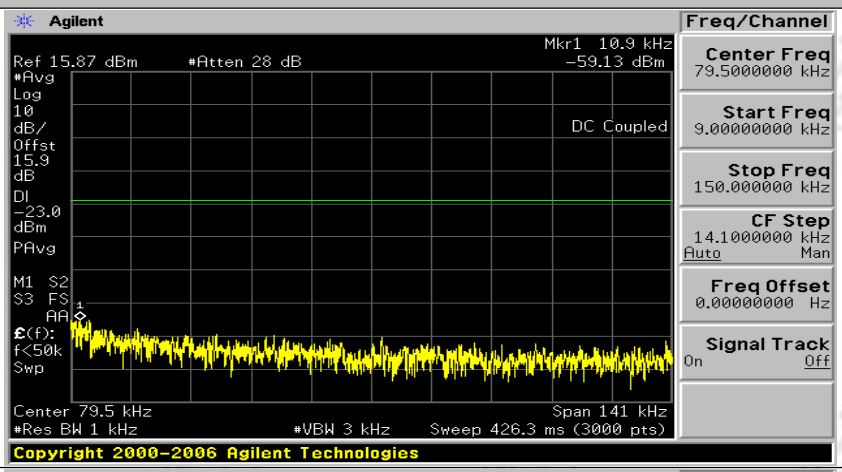
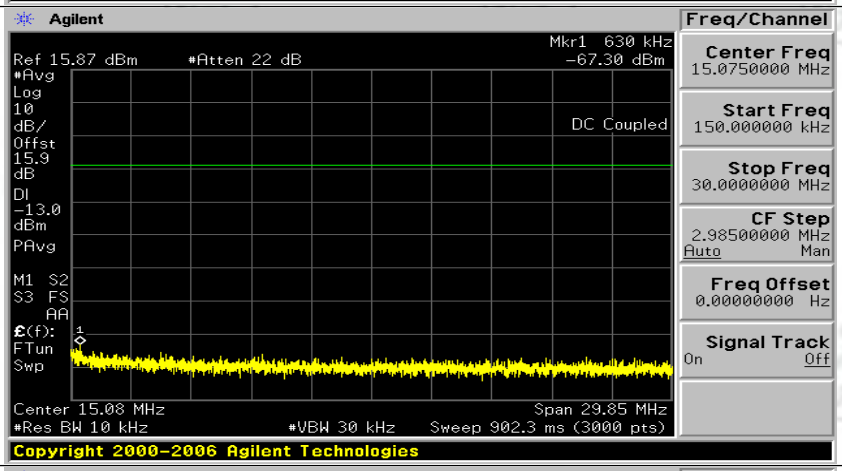
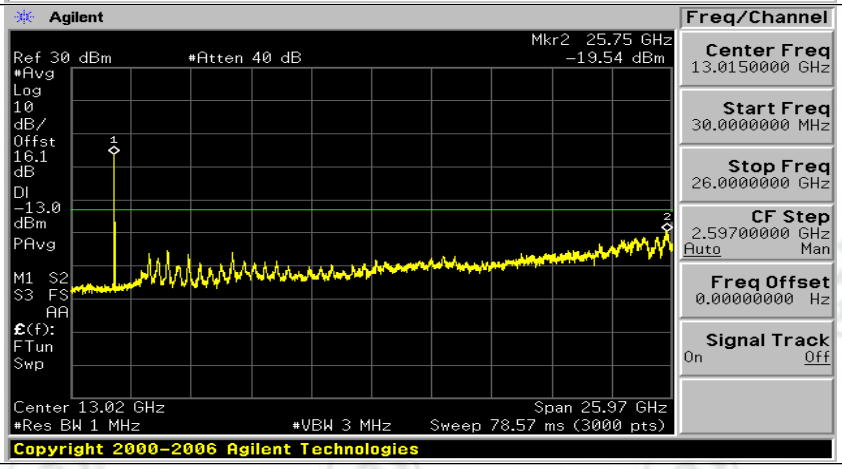


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



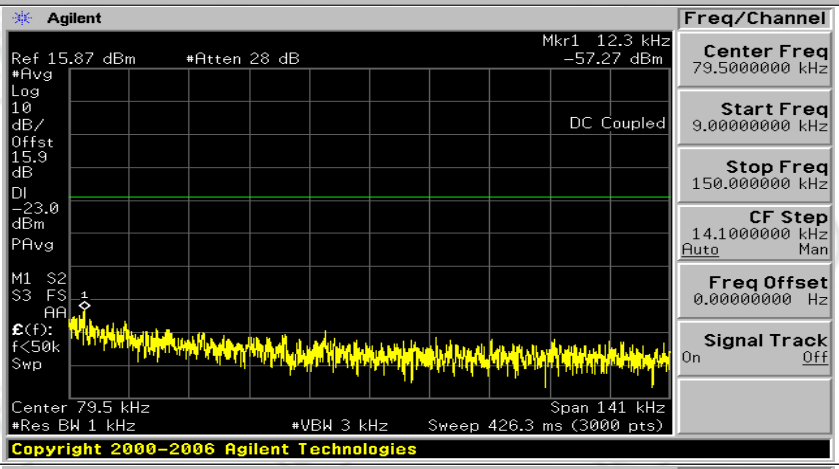


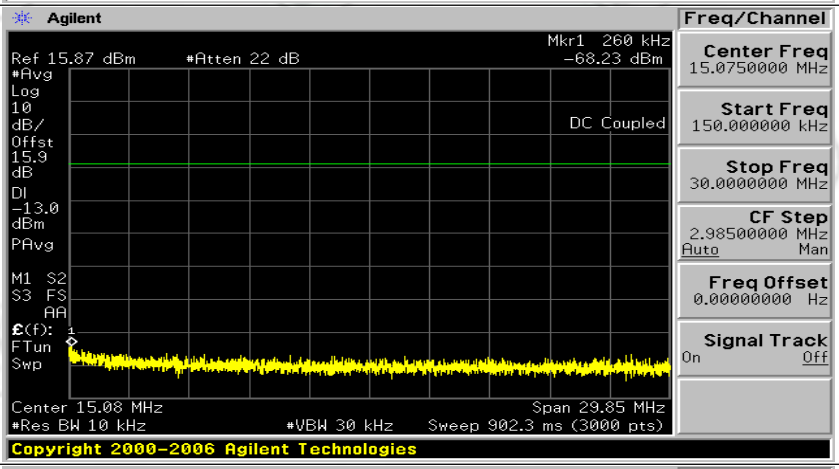


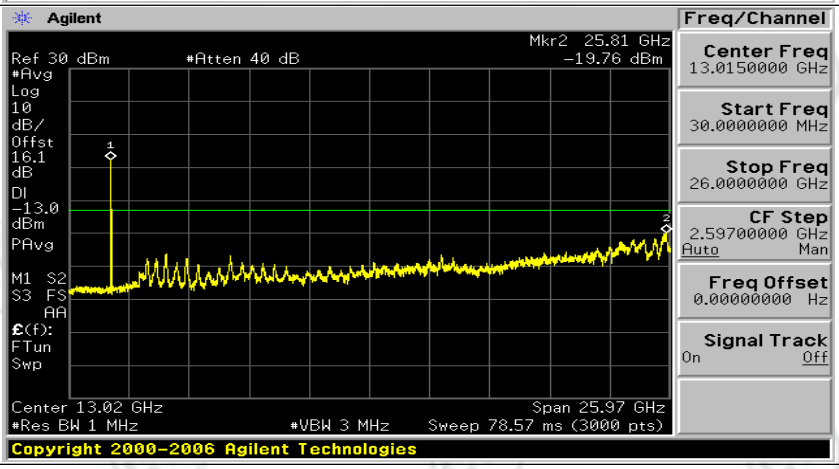
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49




Channel Bandwidth: 15 MHz

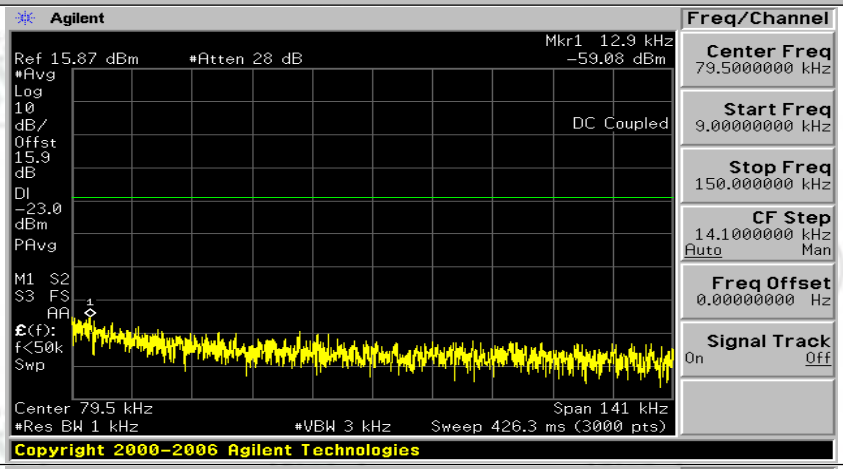
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0

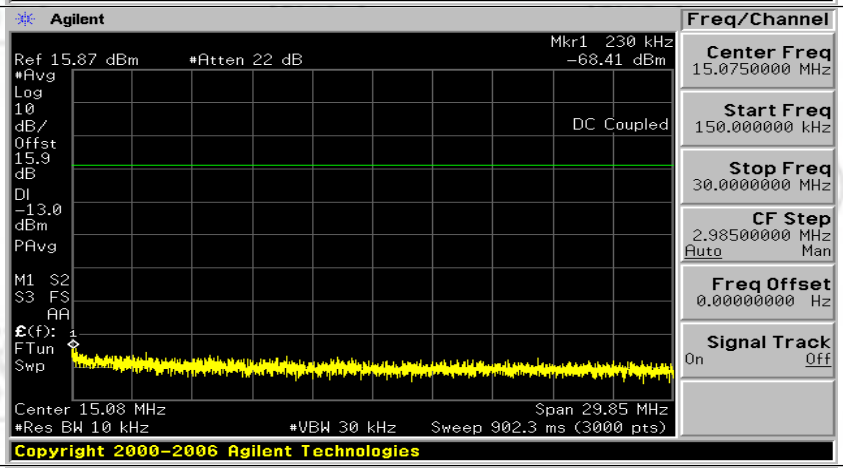


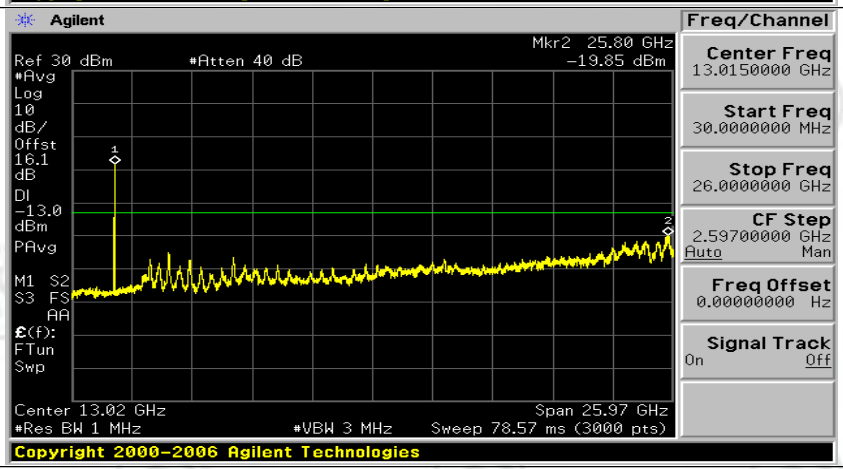




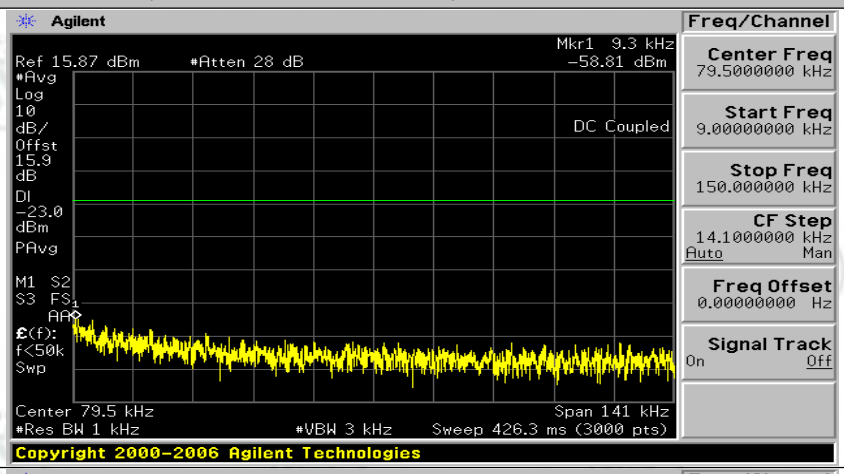
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#37

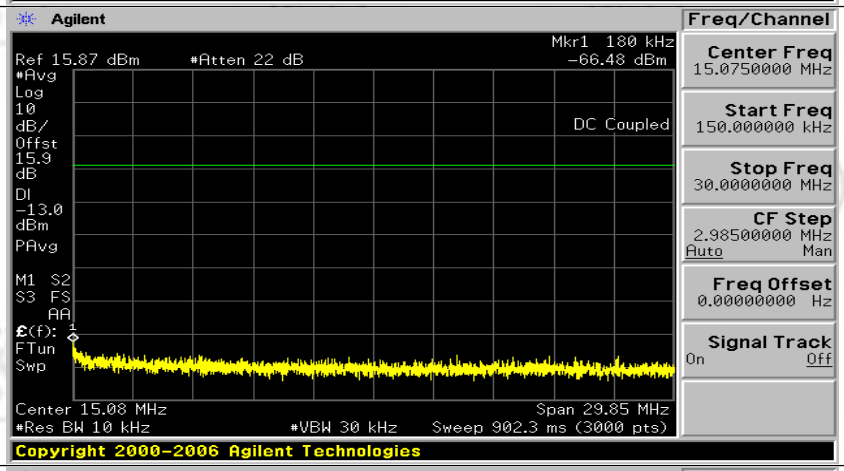


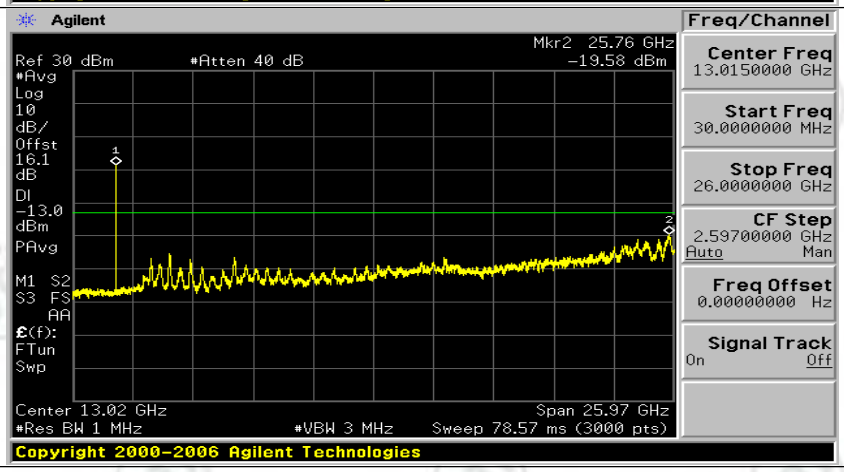




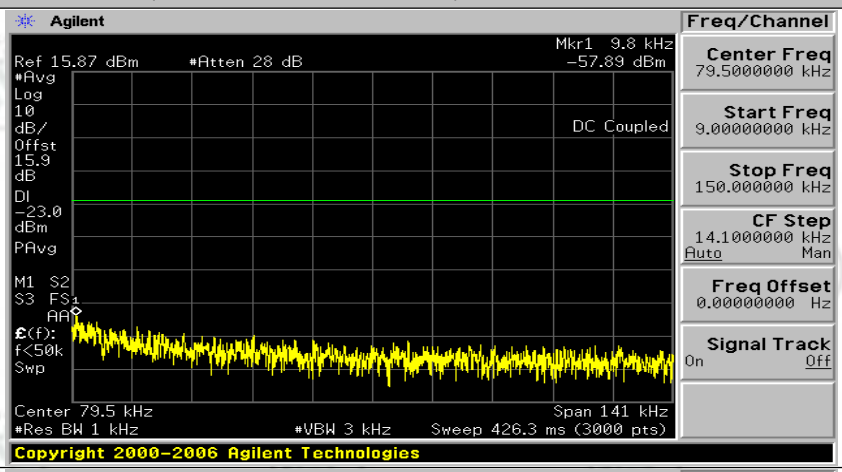
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#74

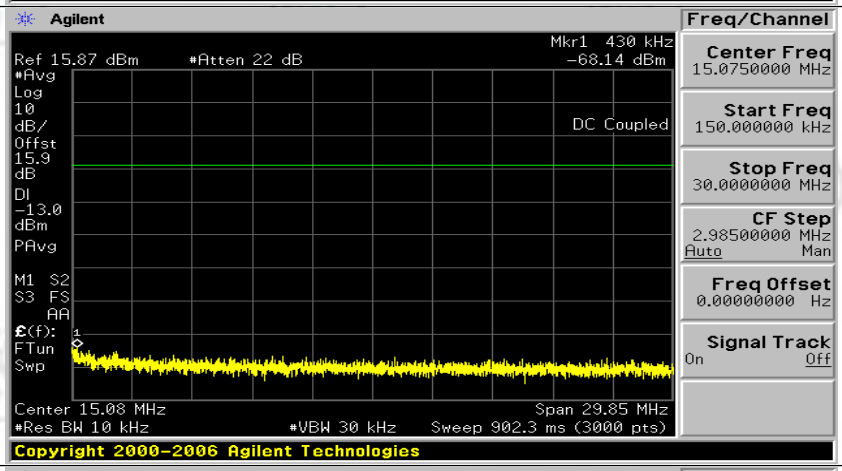


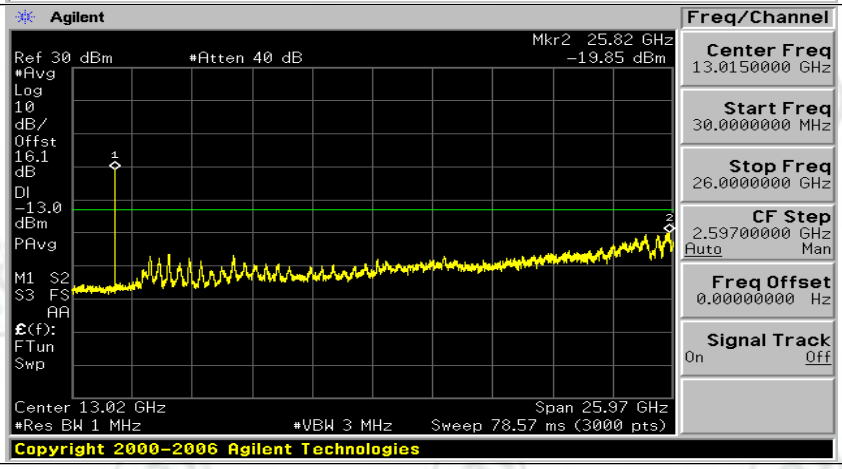




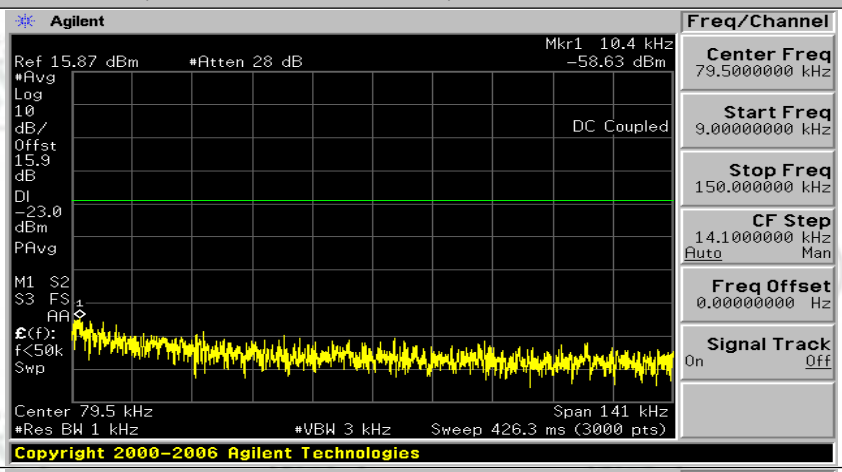
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0

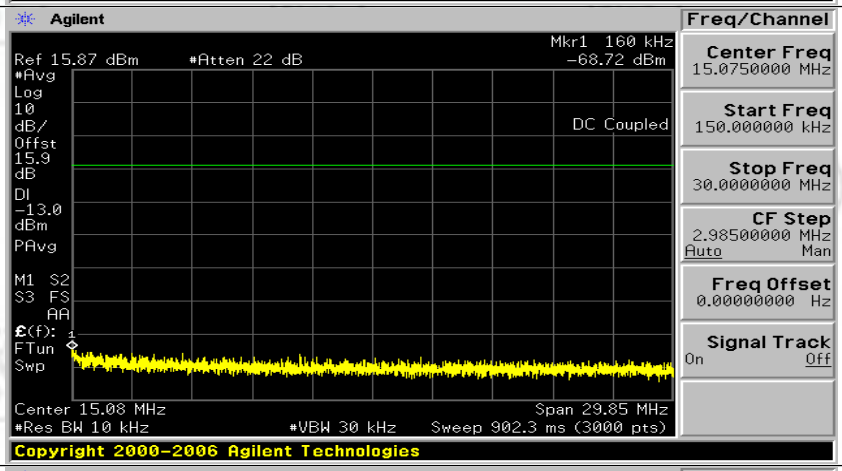


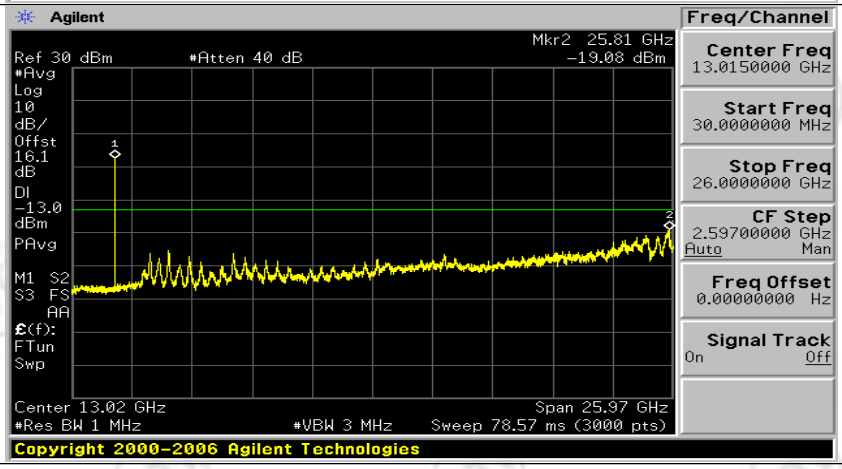




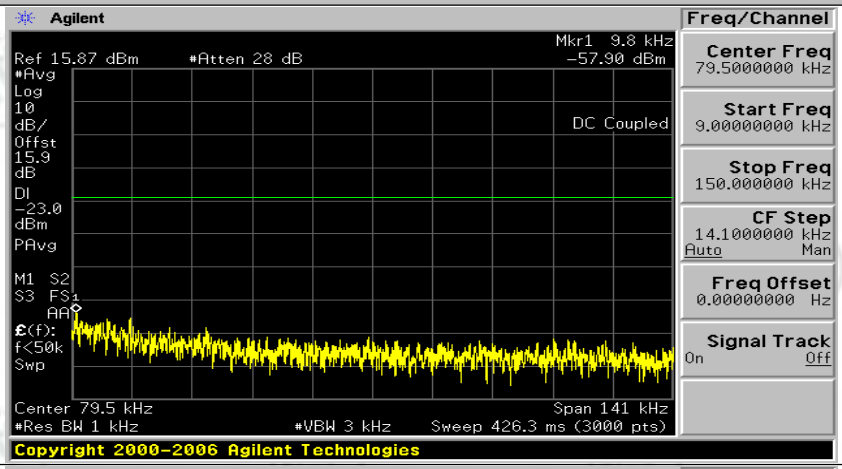
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37

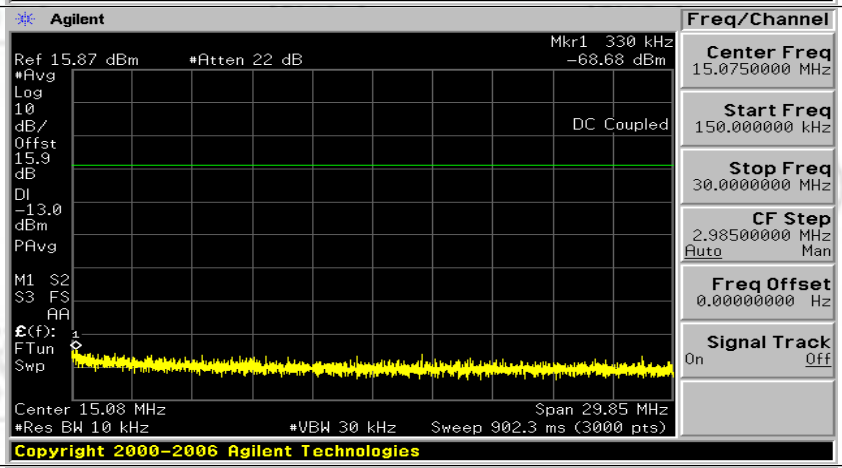


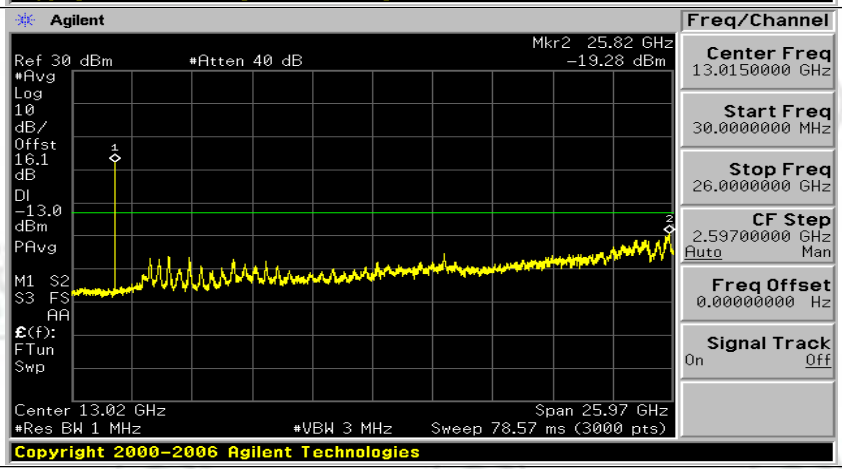




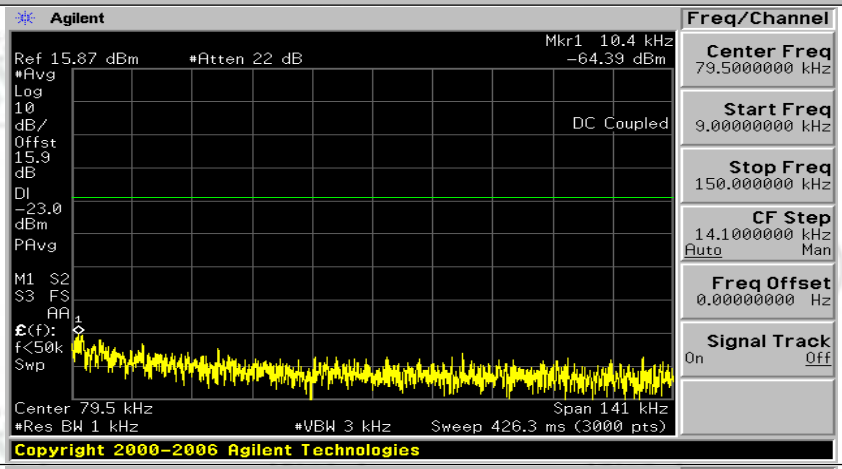
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74

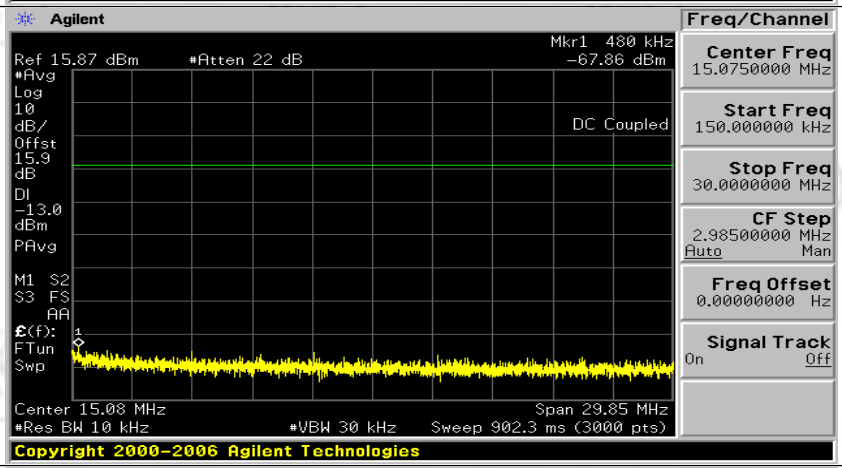


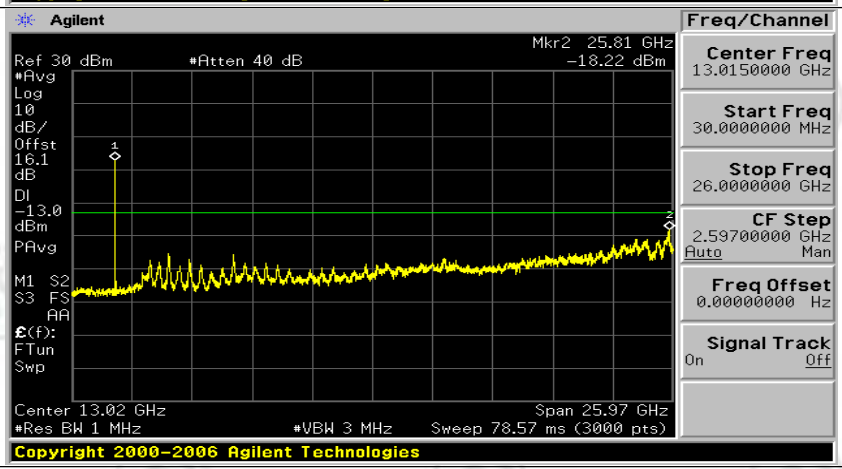




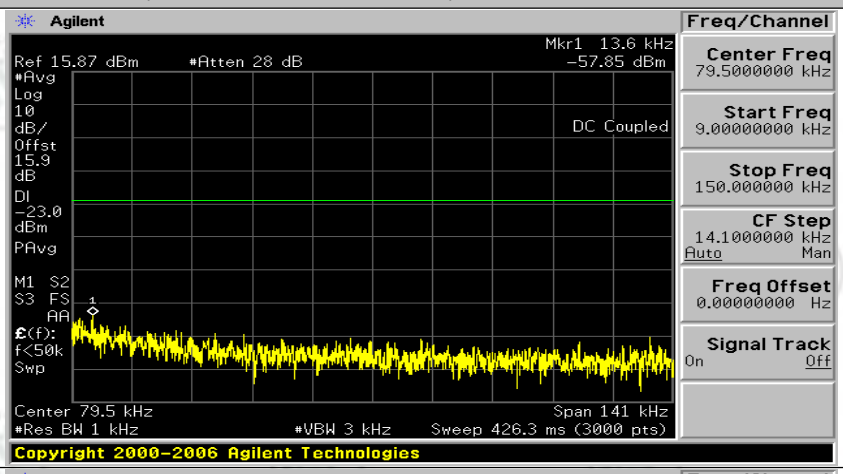
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0

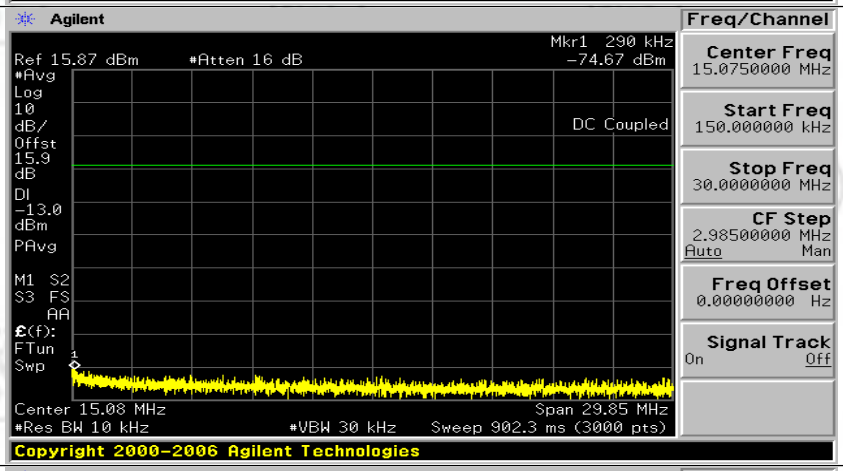


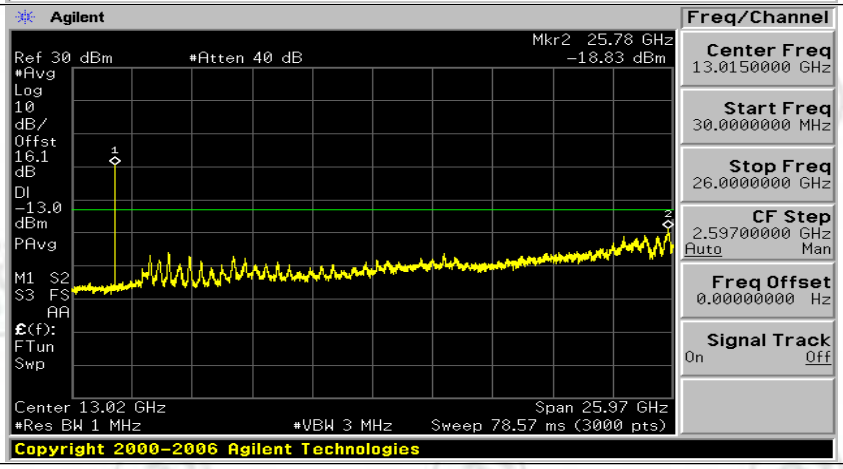




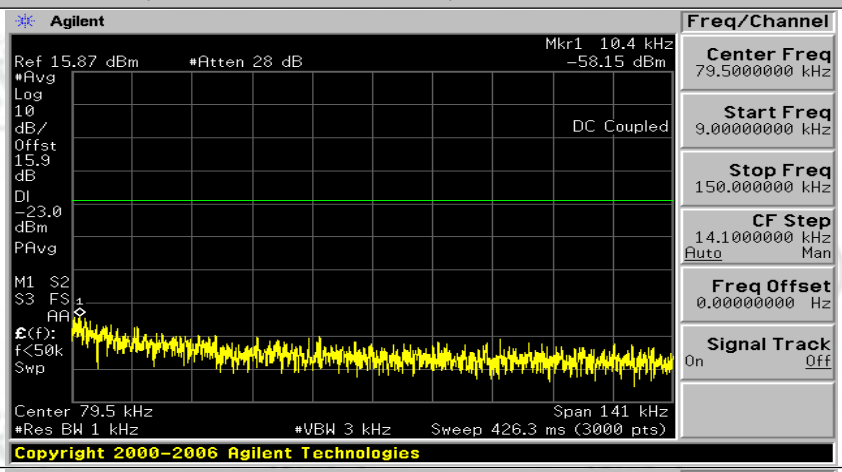
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37

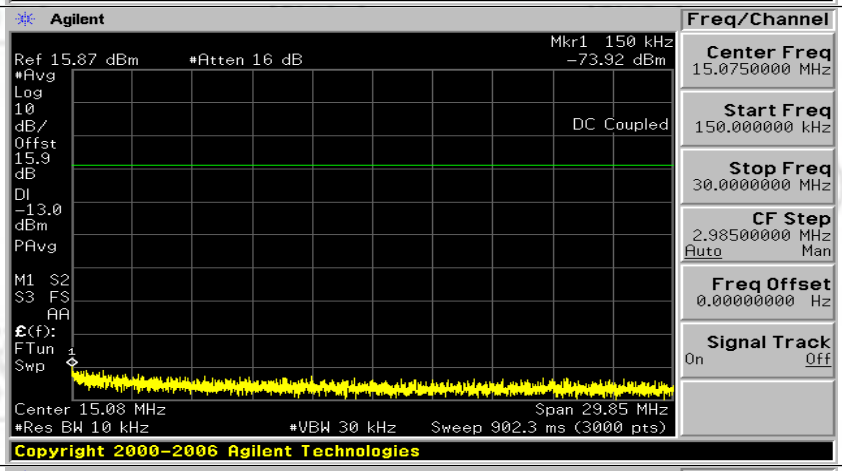


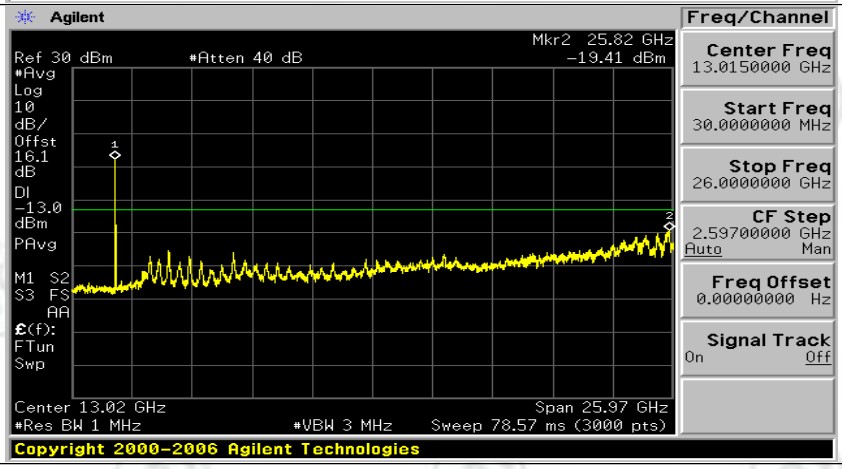




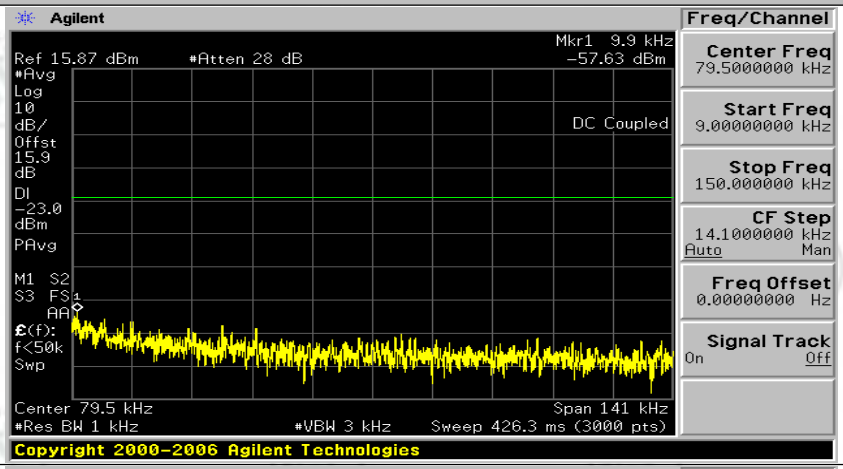
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74

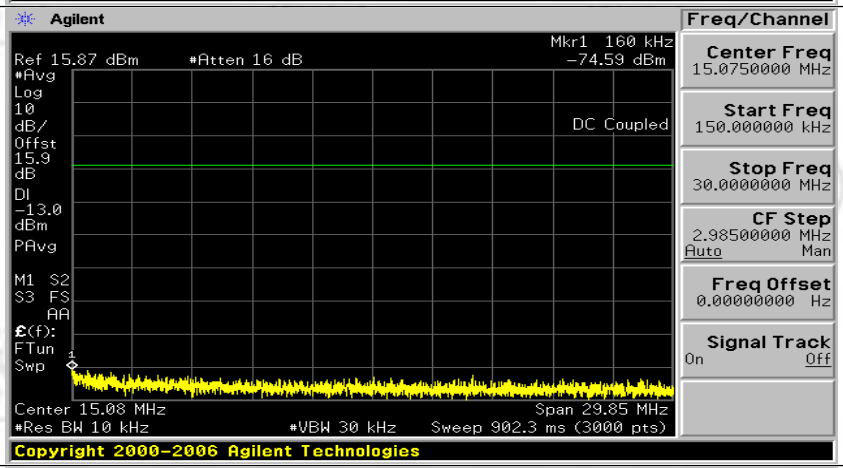


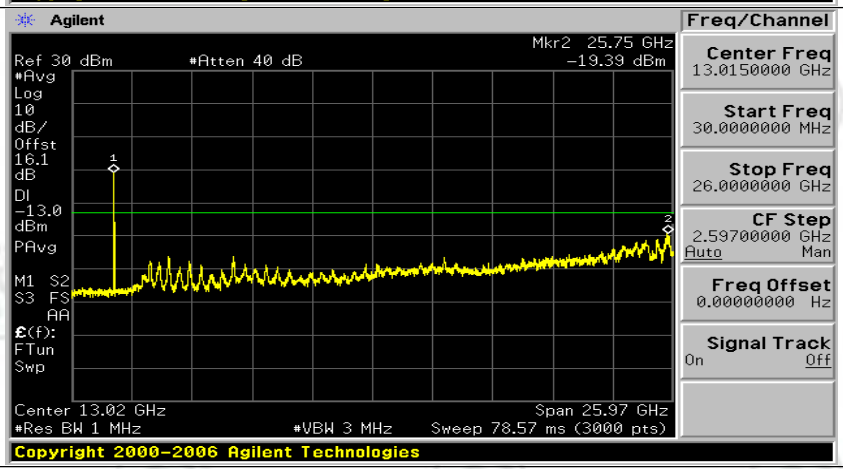




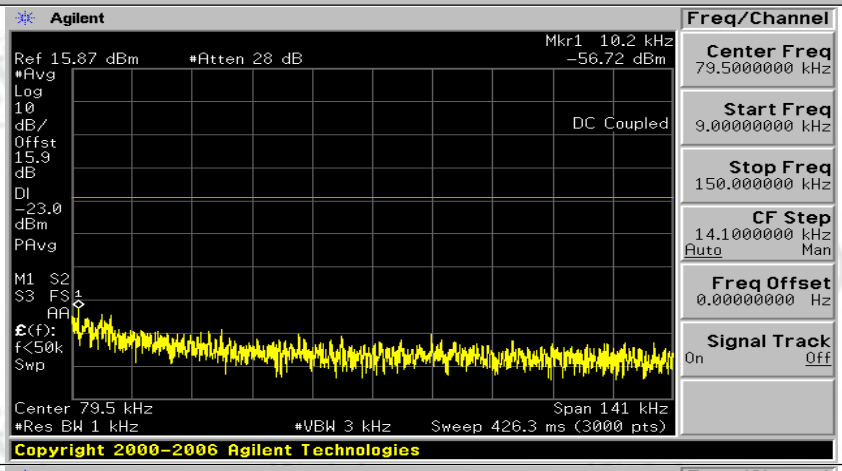
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0

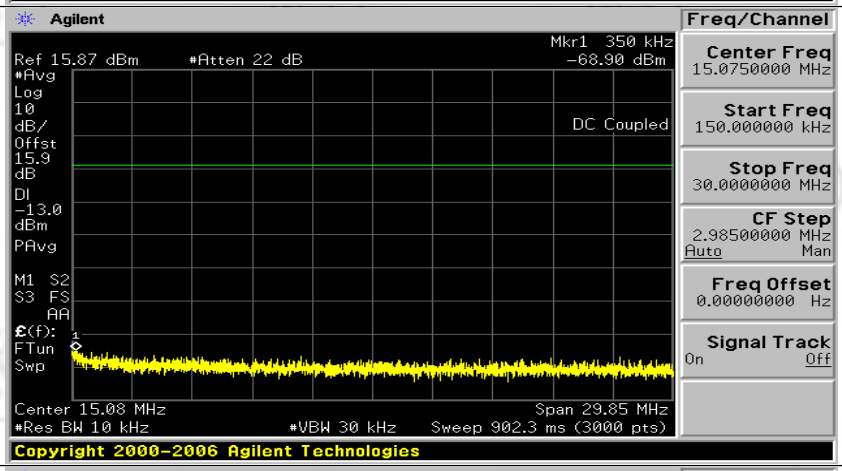


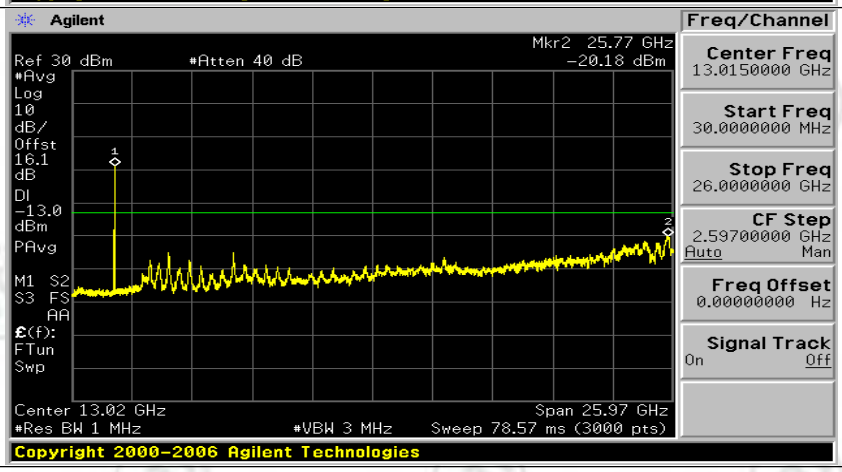




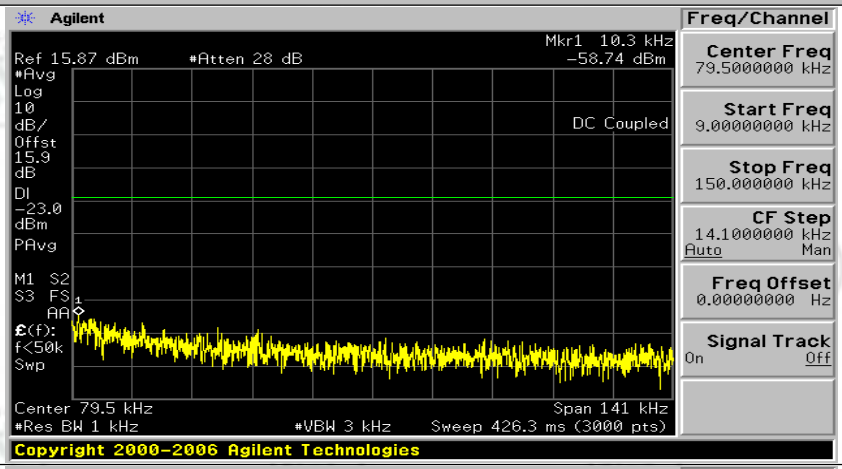
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37

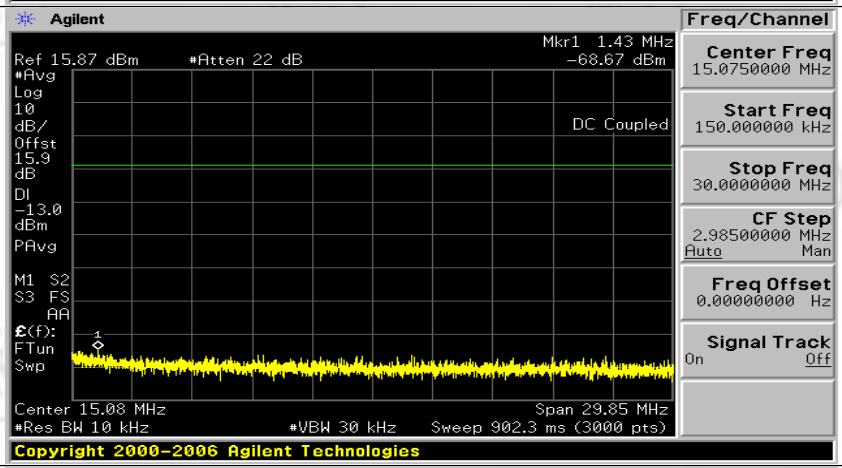


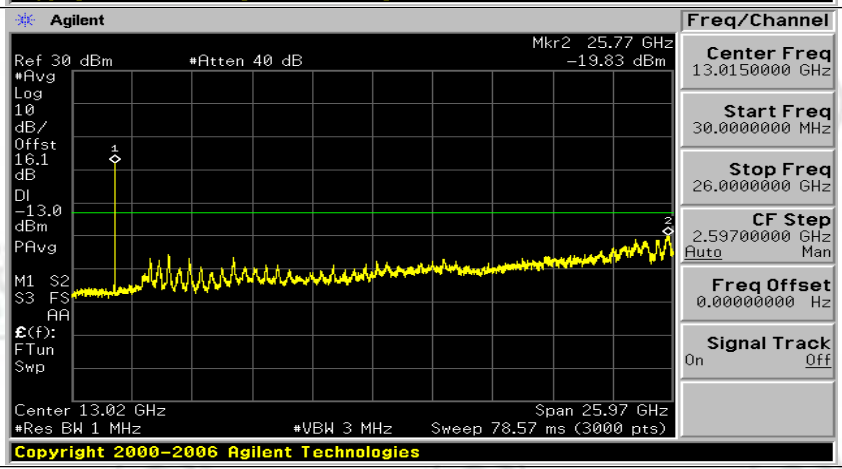




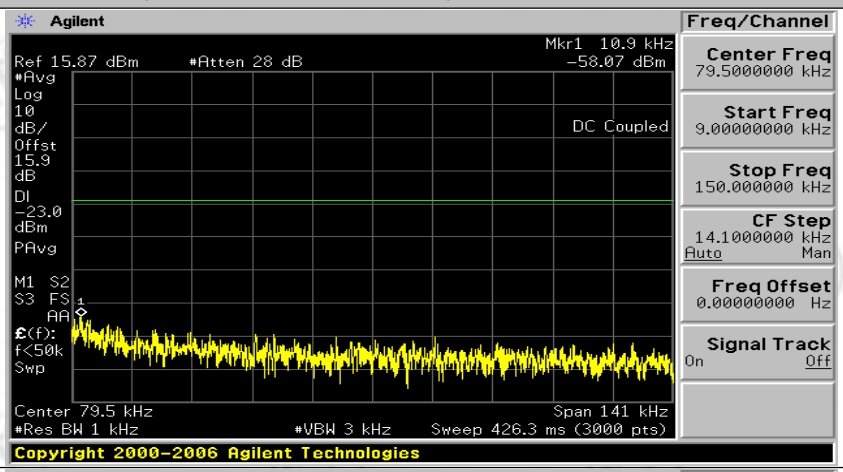
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74

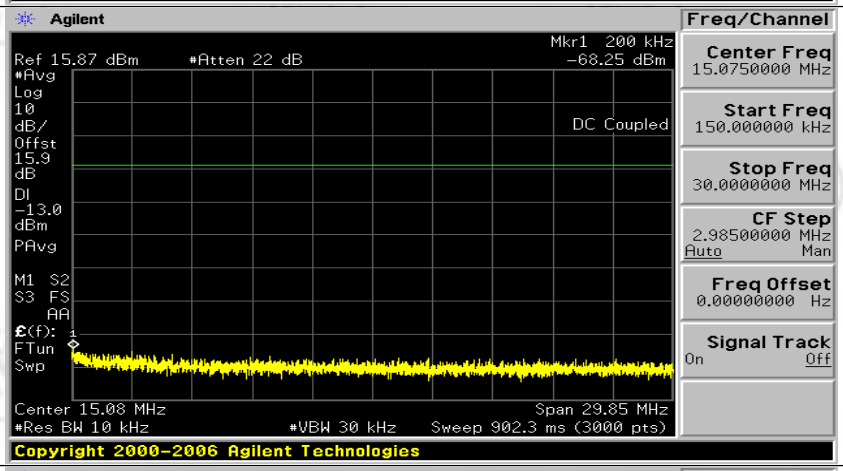


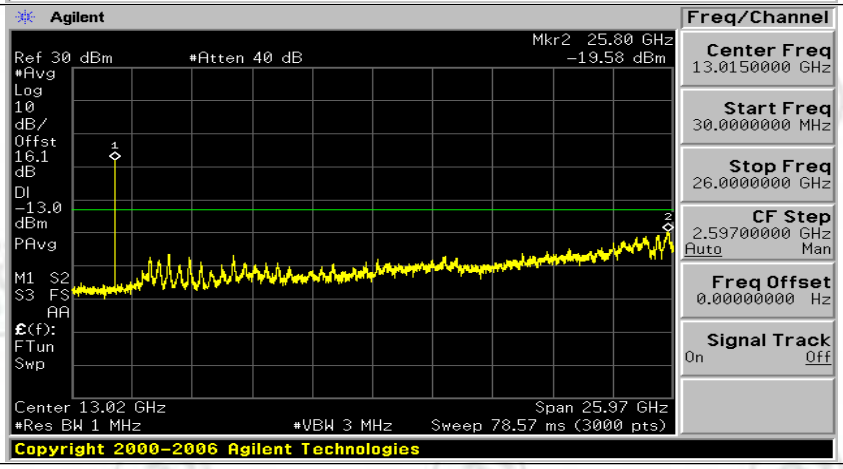




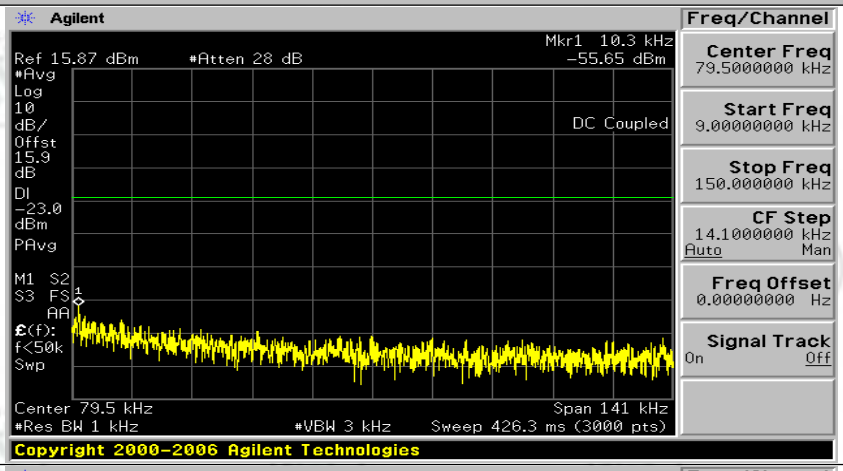
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

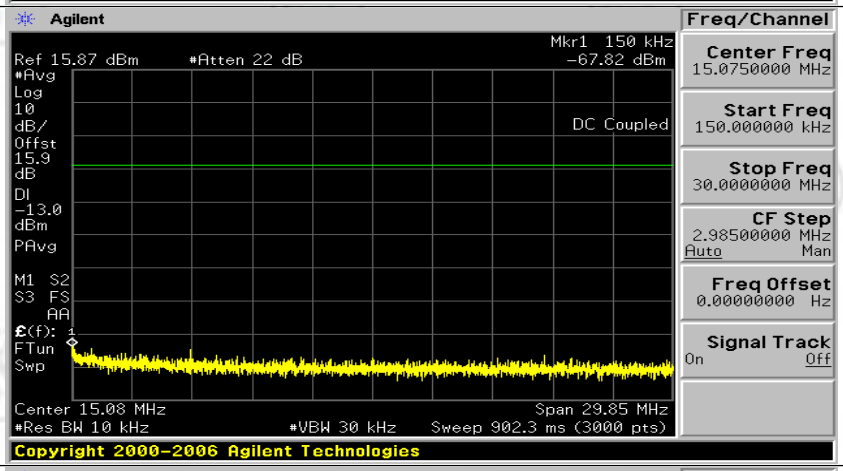


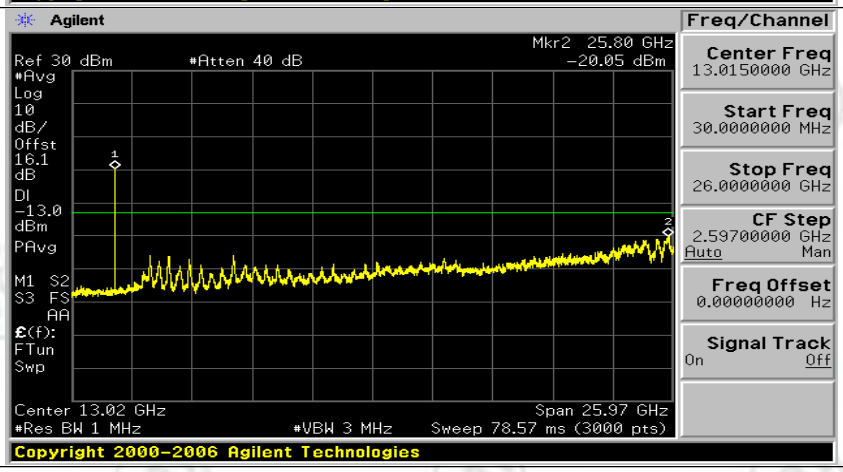


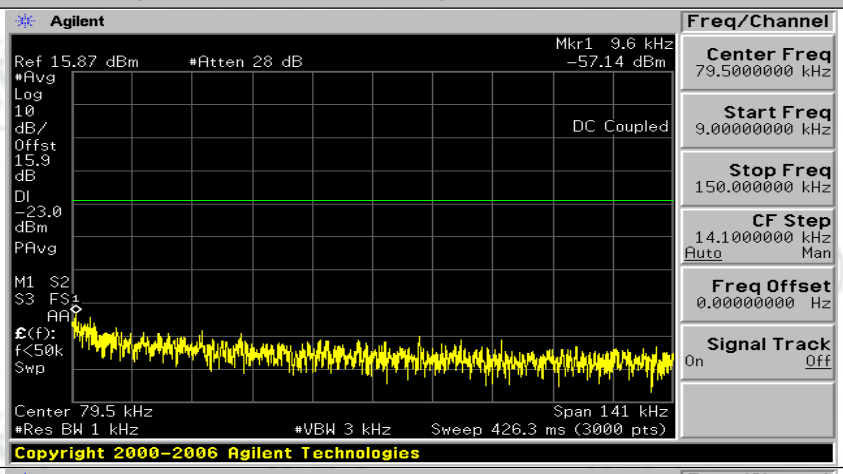
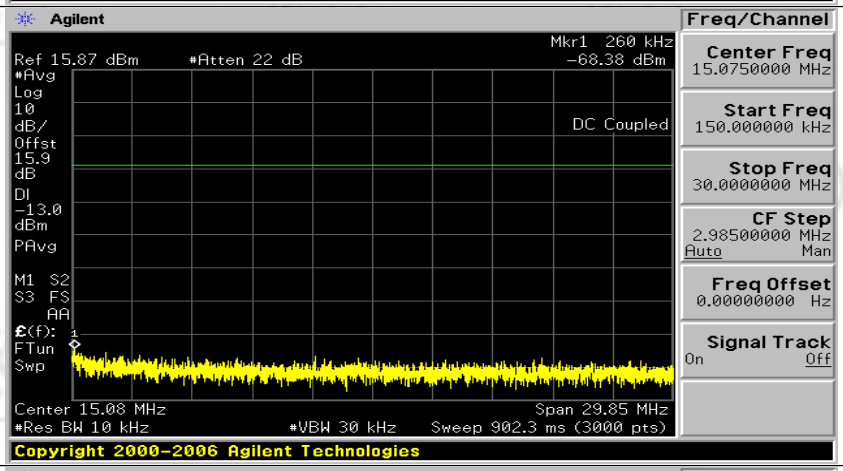
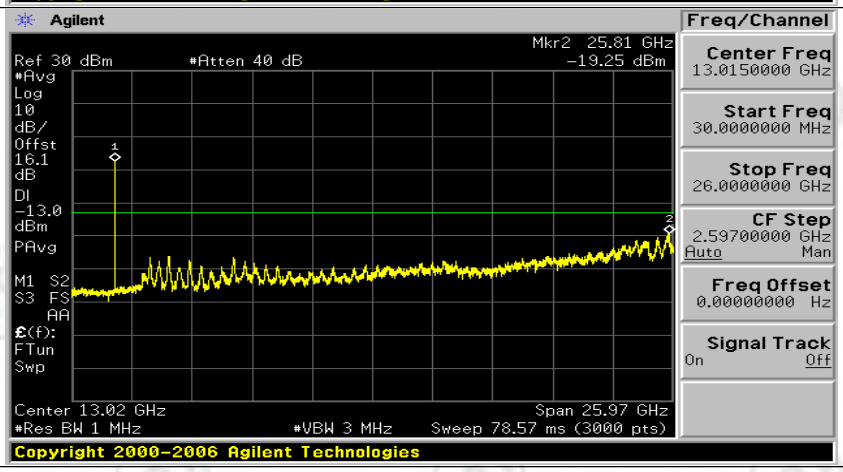


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

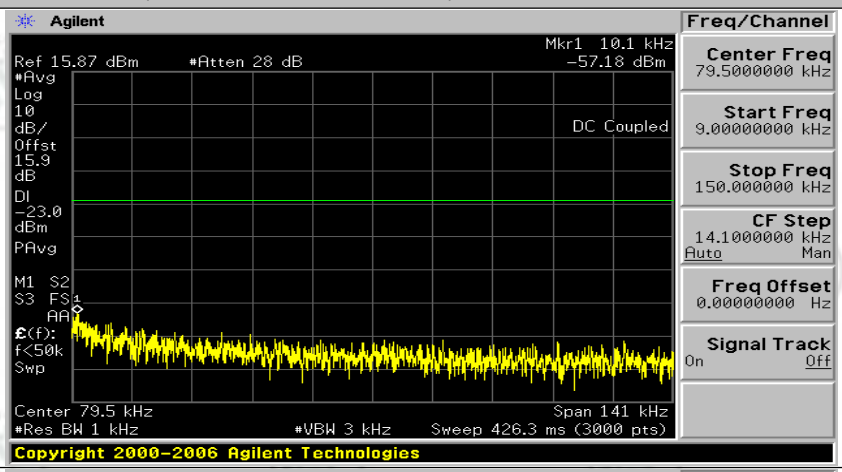


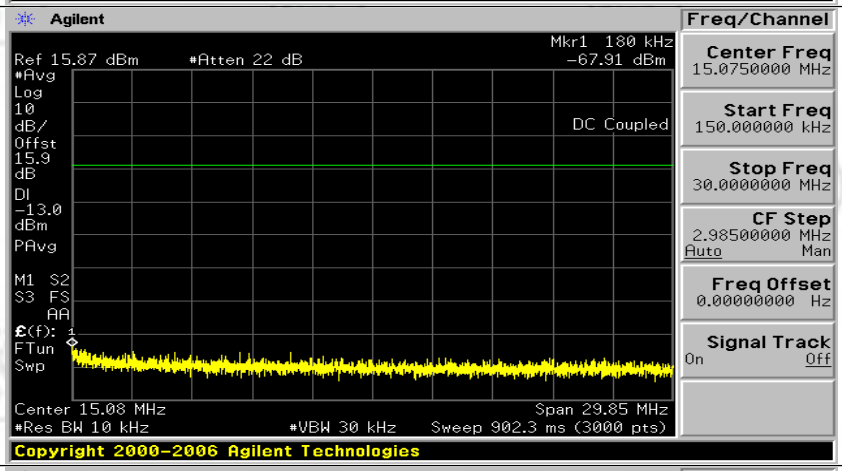


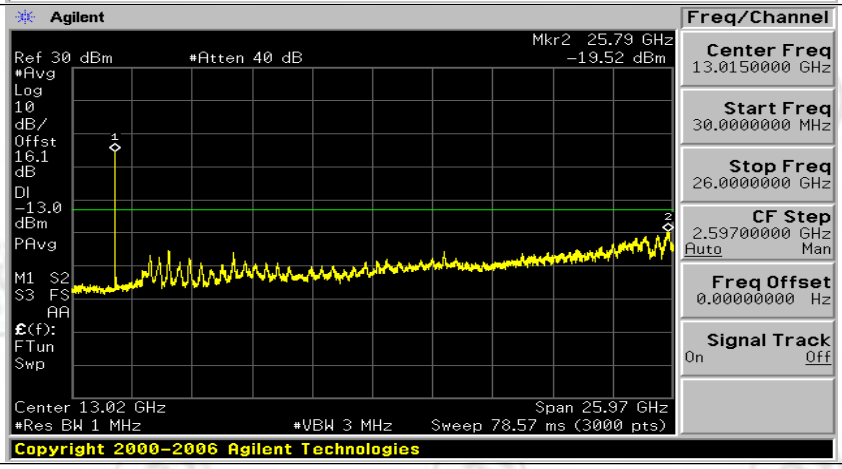


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74




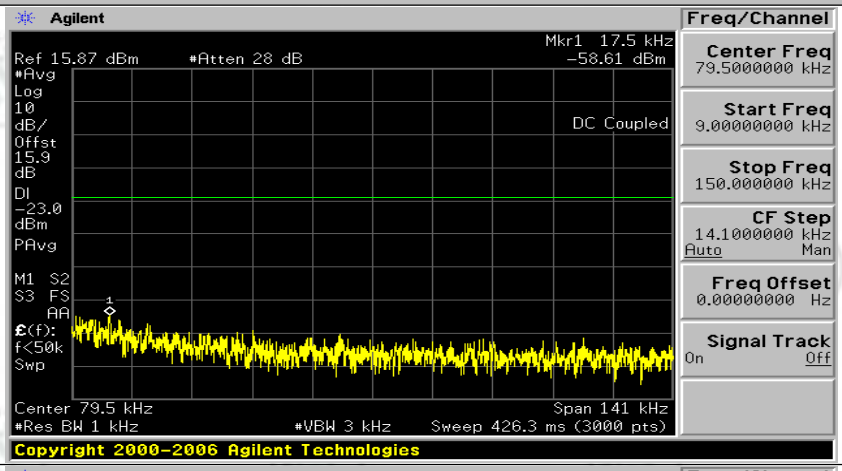
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

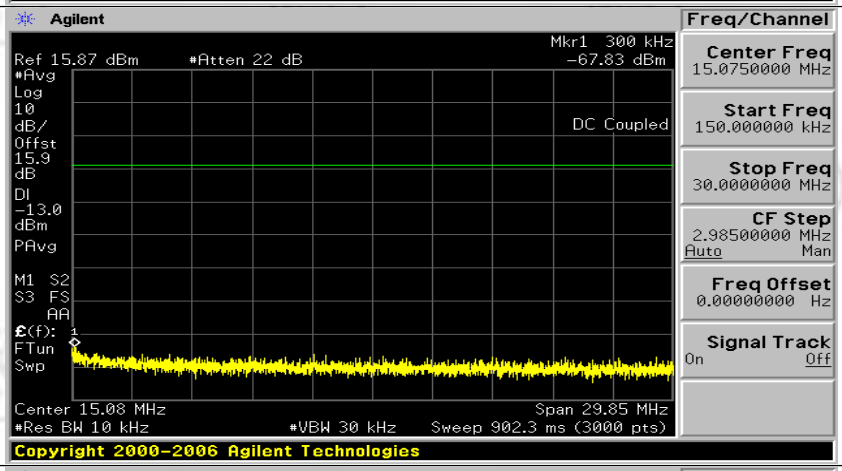


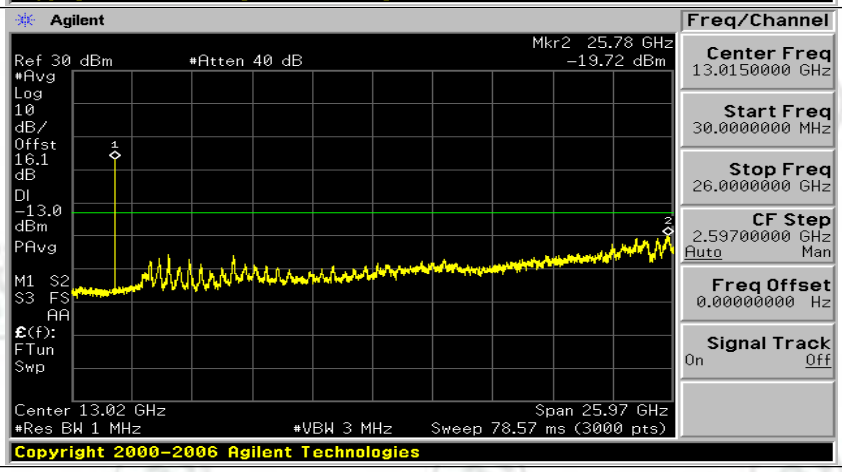




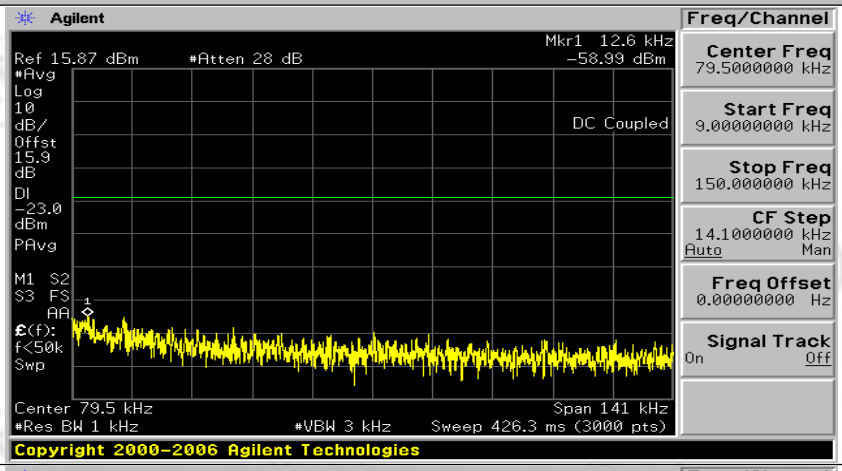
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37

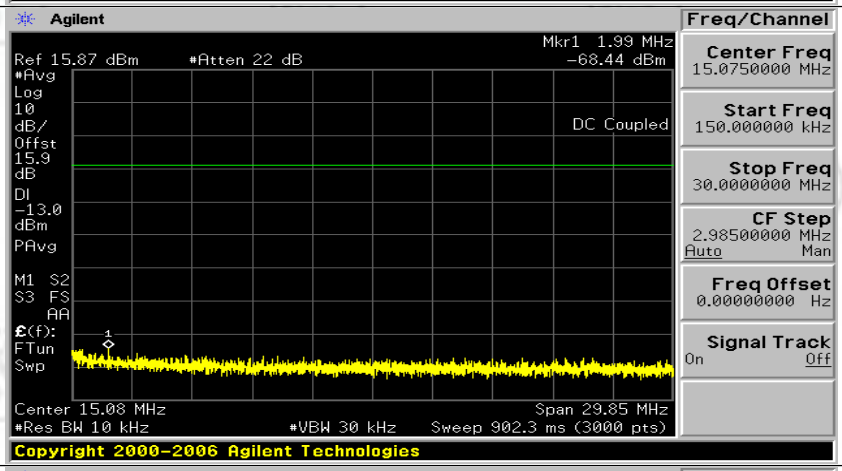


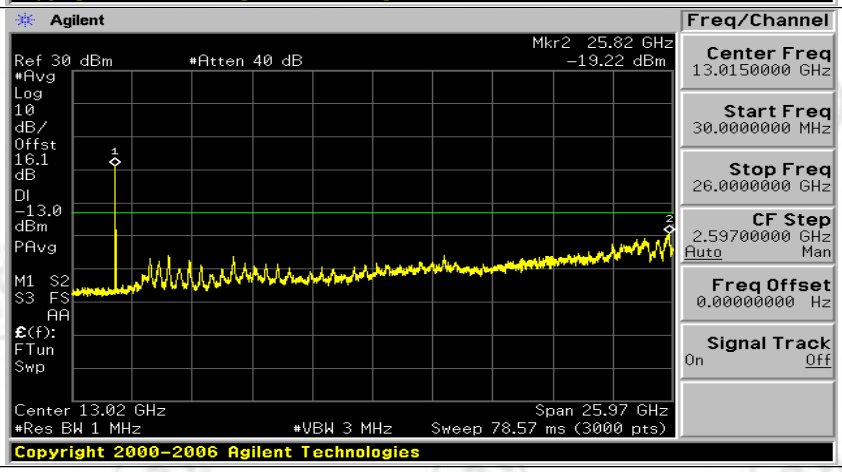




(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74

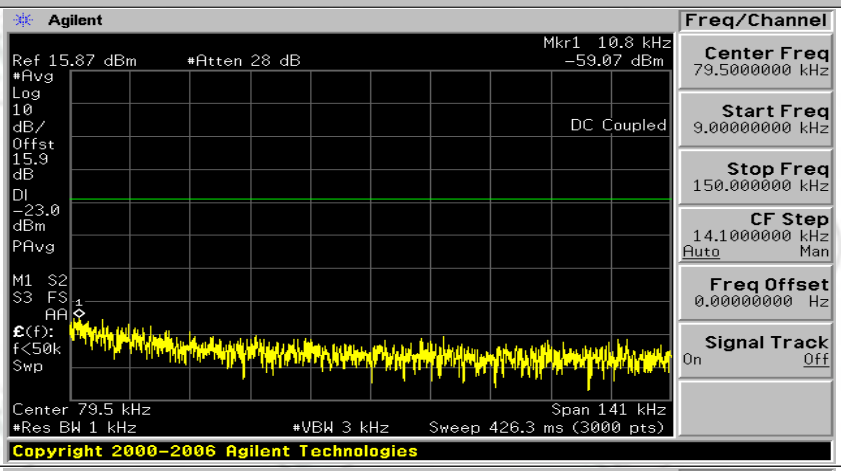


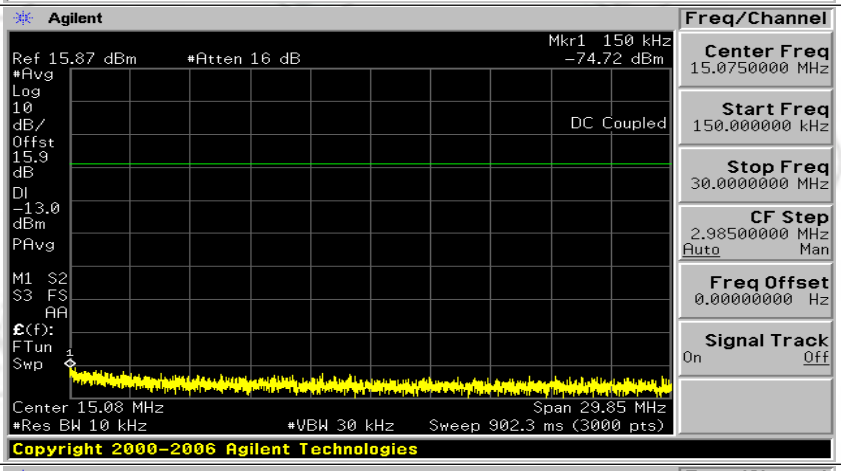


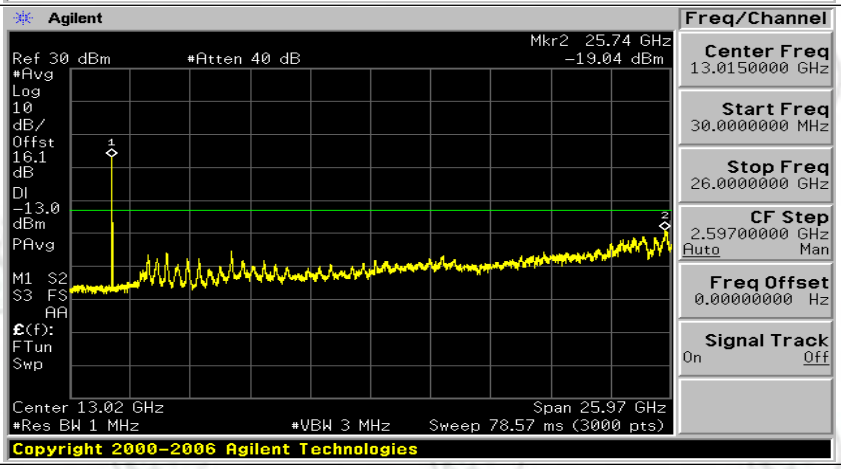


Channel Bandwidth: 20 MHz

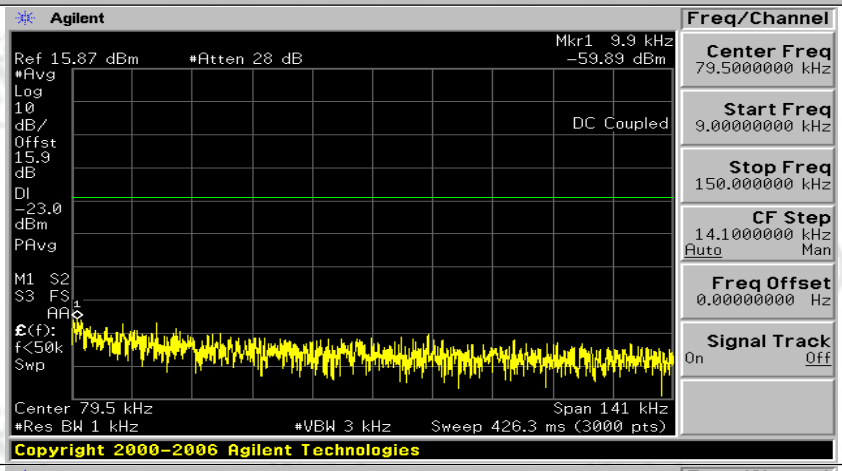
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0

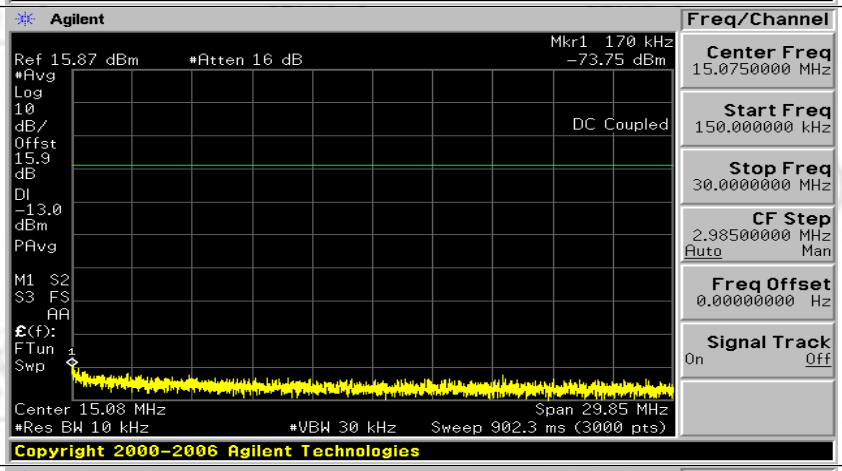


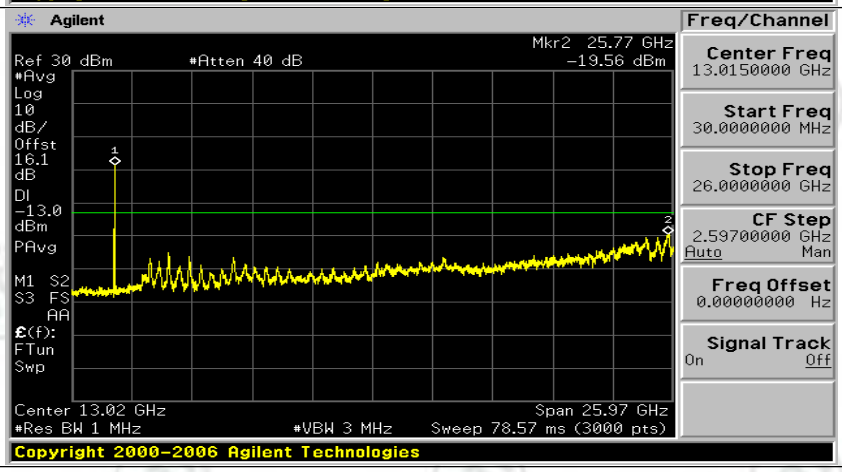




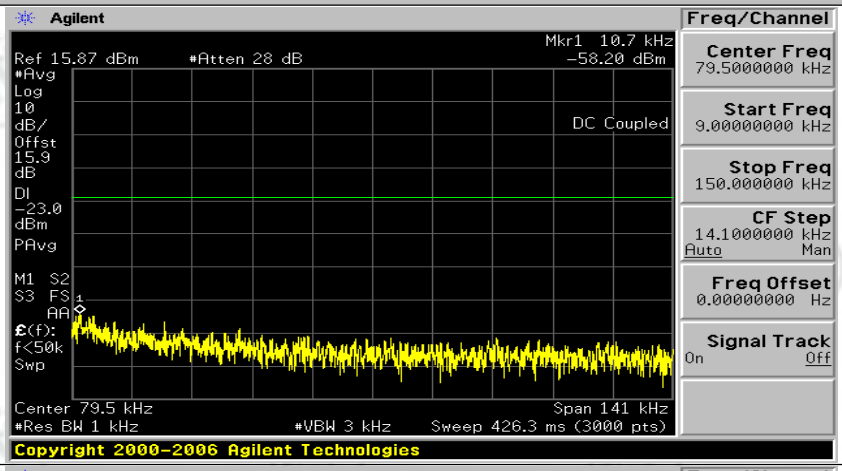
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#49

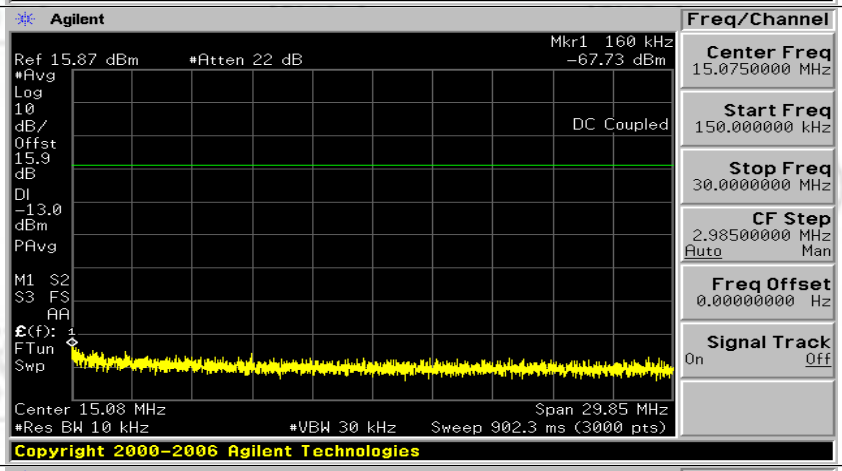


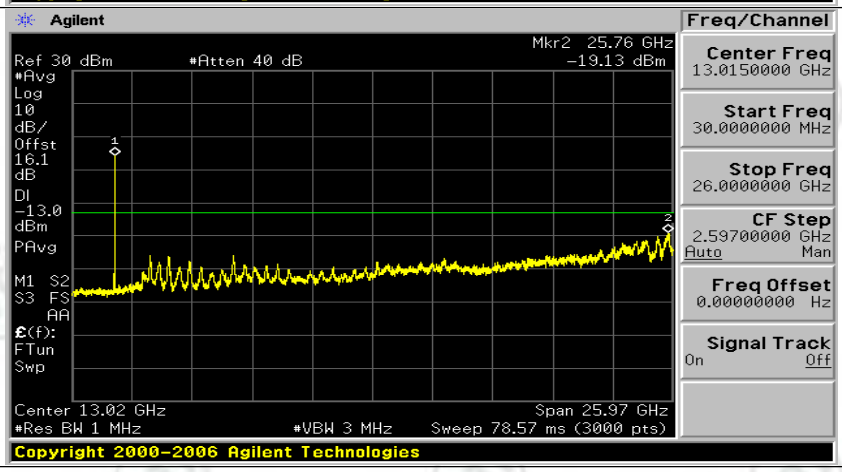




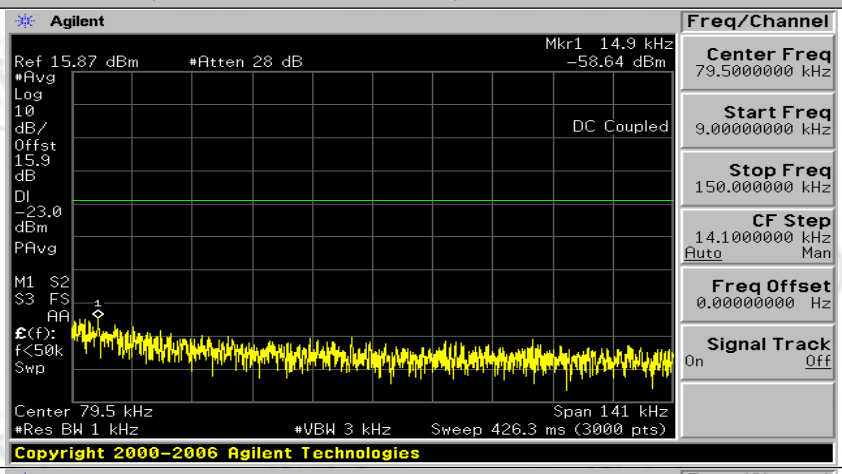
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99

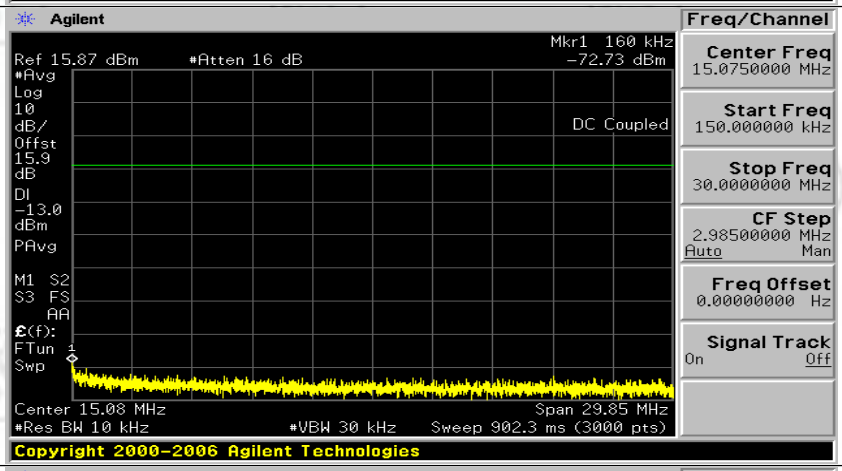


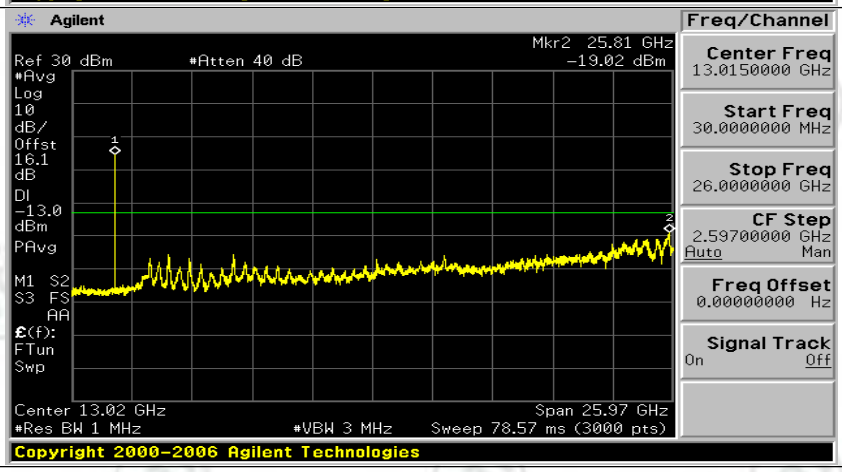




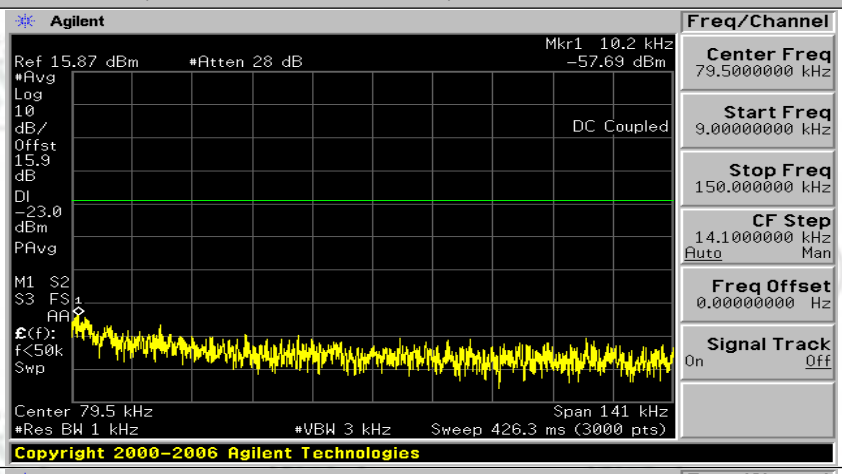
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

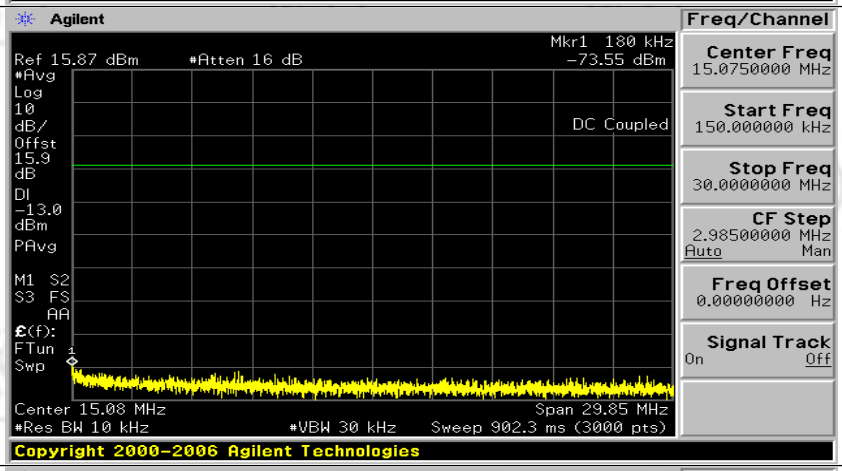


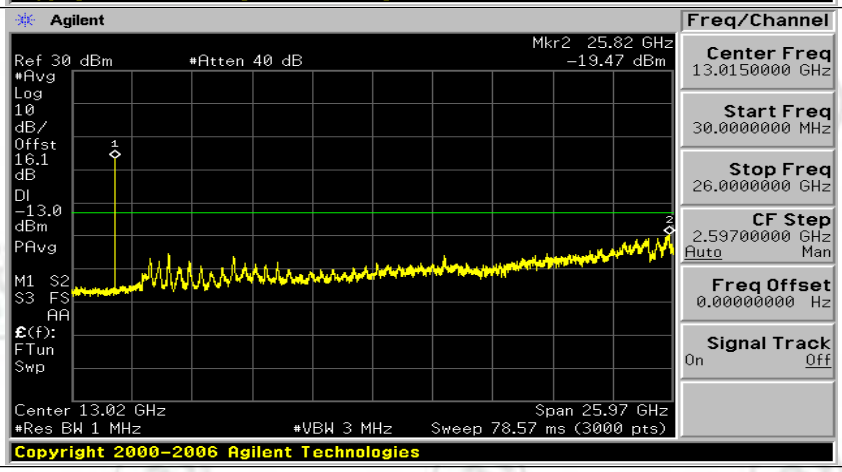




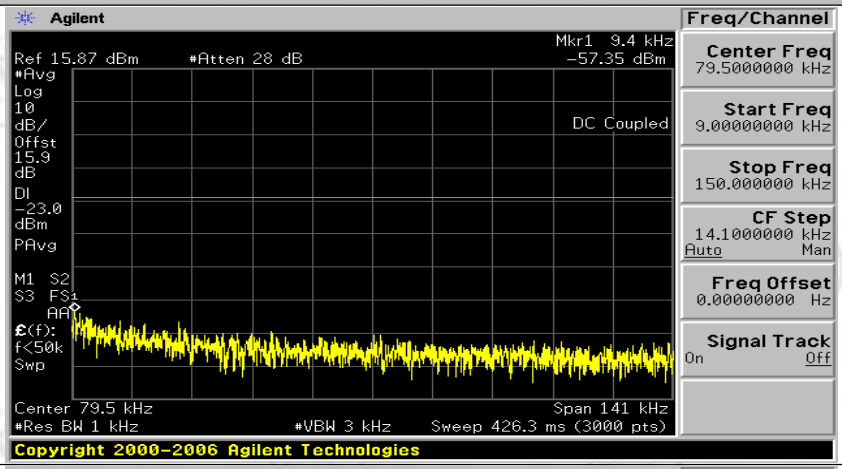
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49

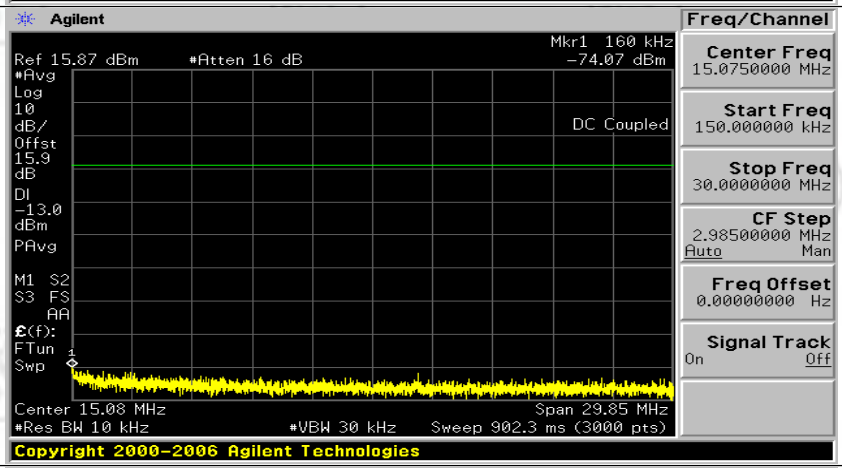


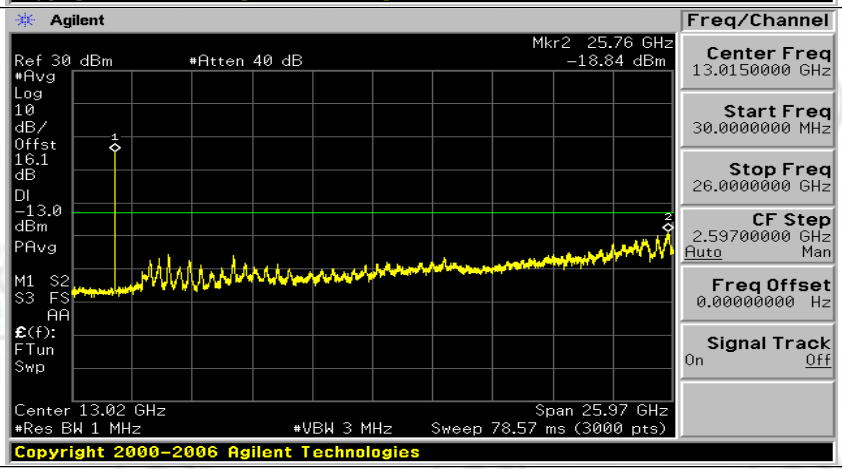




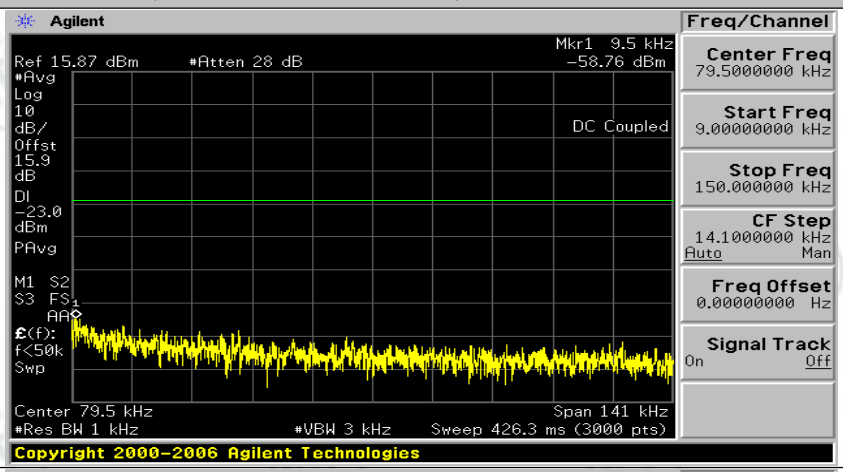
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99

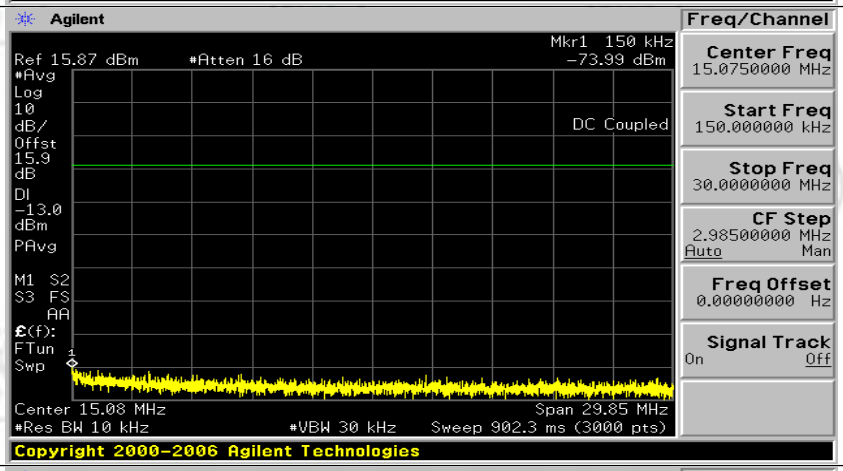


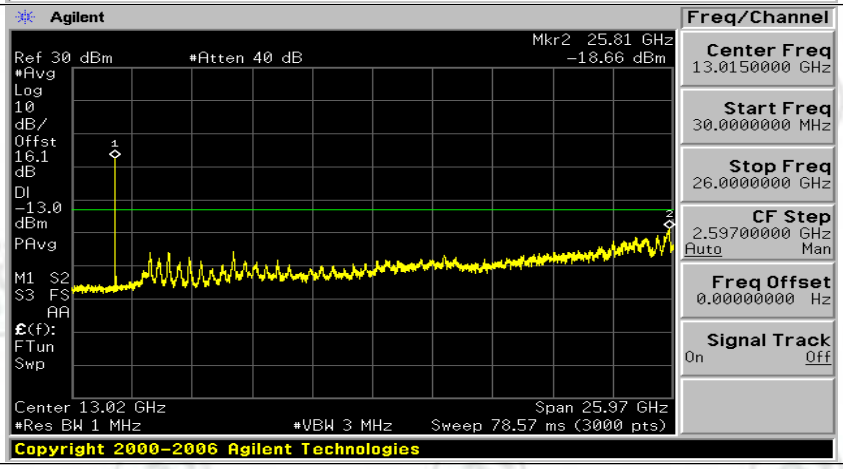




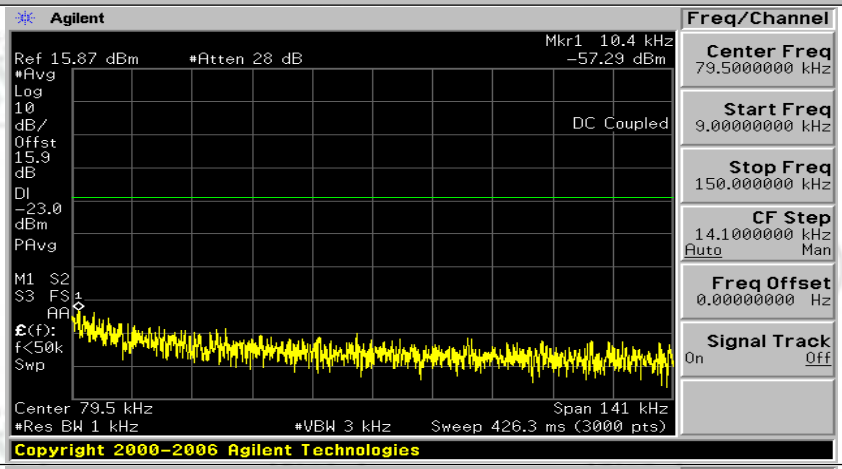
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

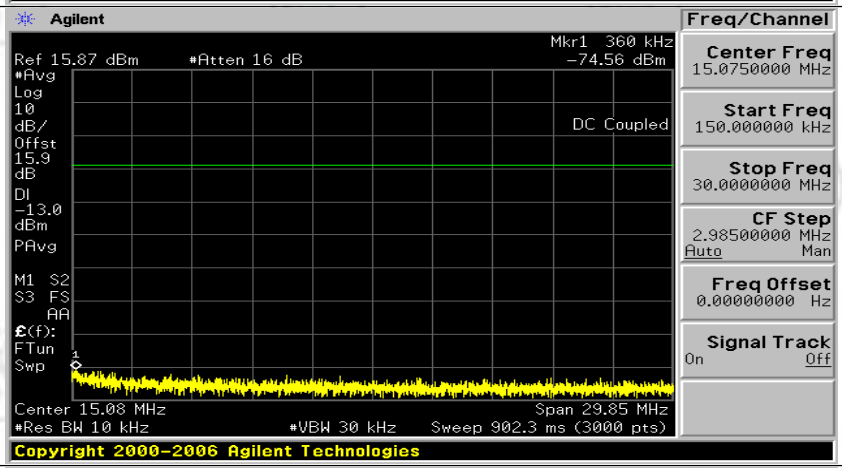


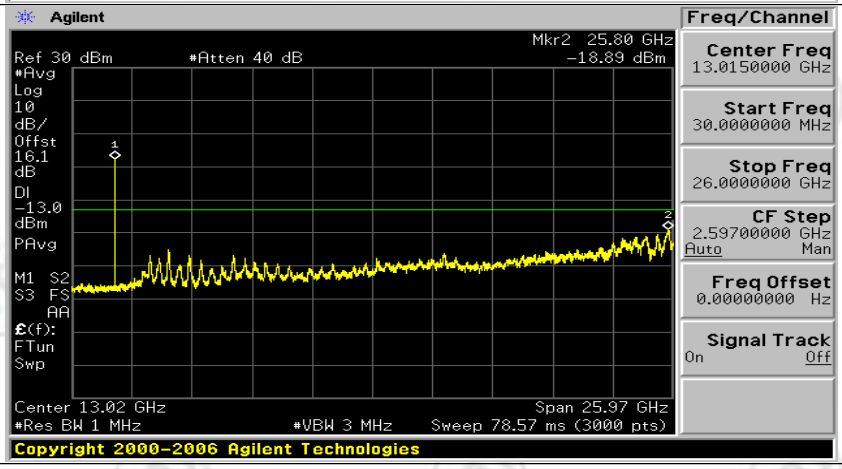




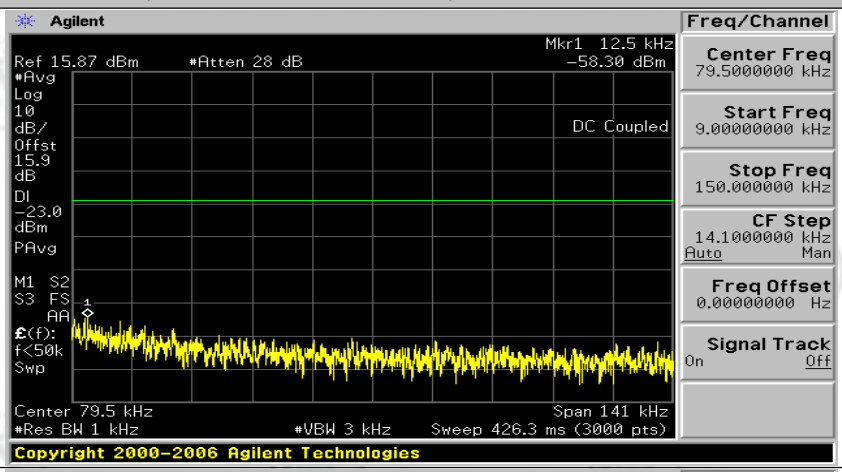
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49

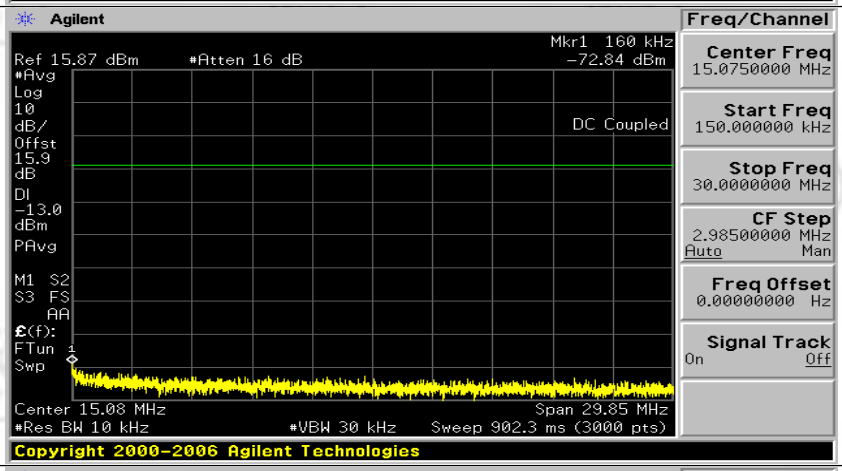


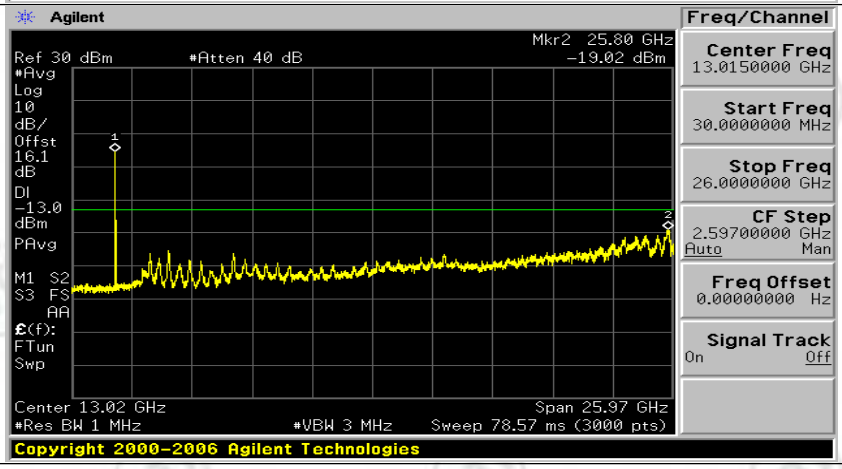




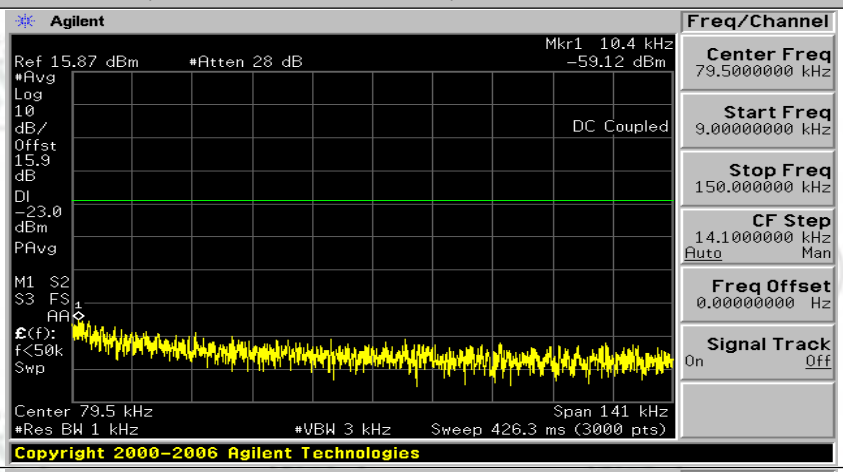
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99

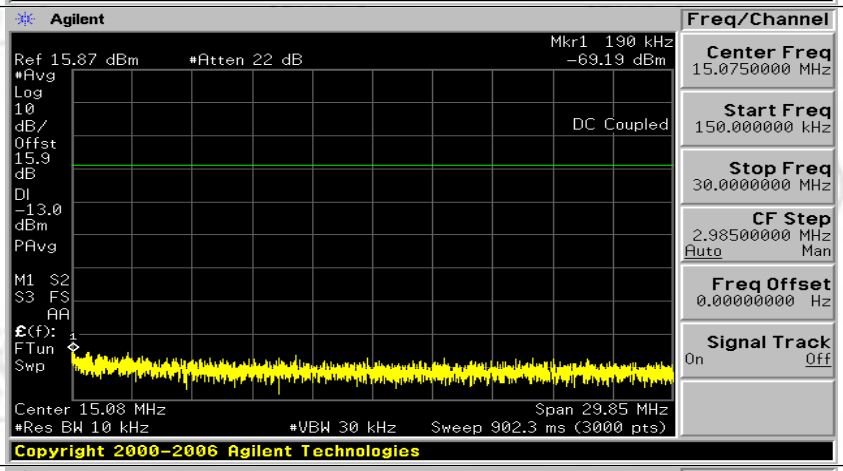


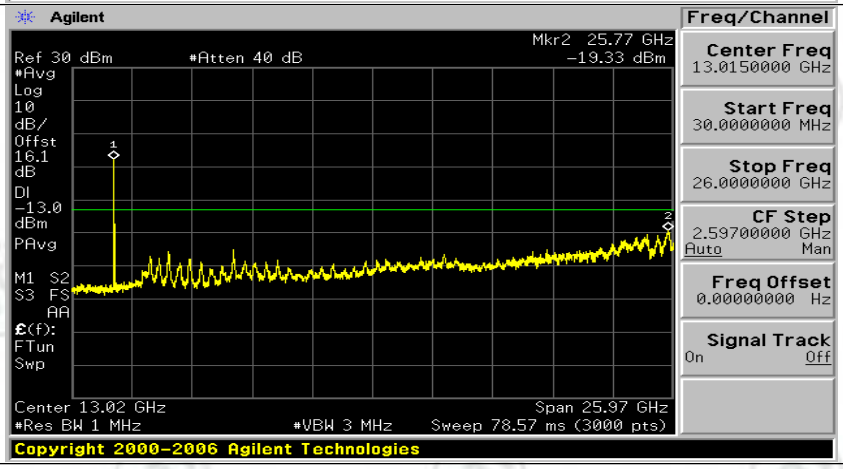




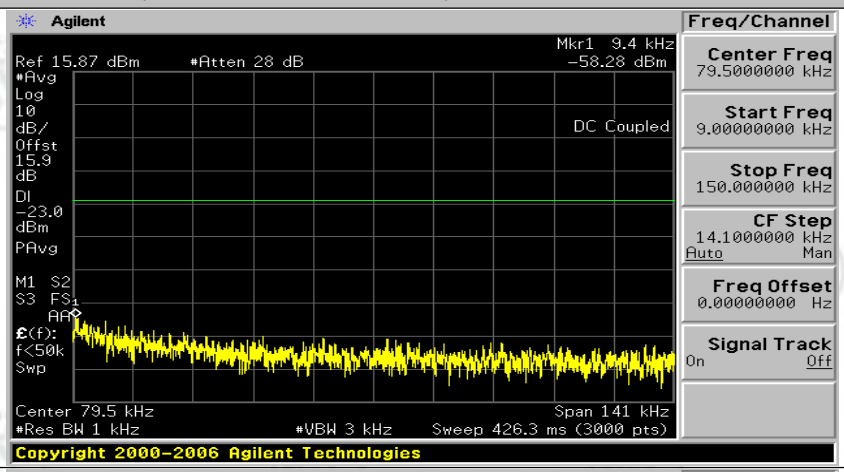
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0

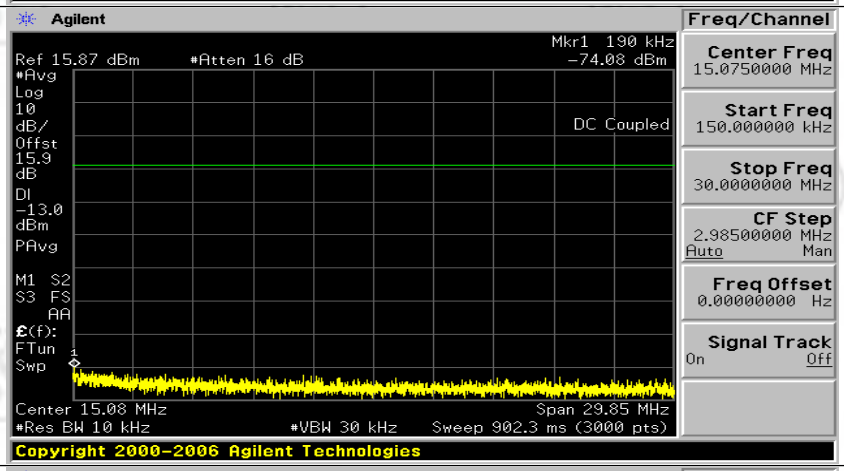


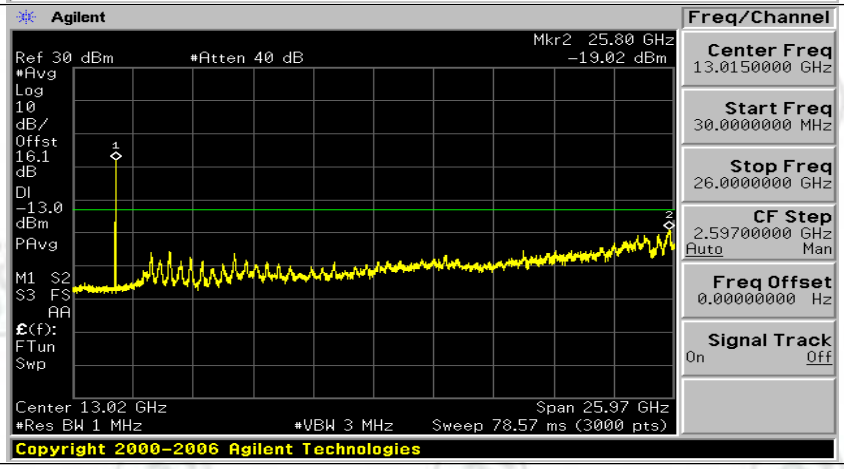




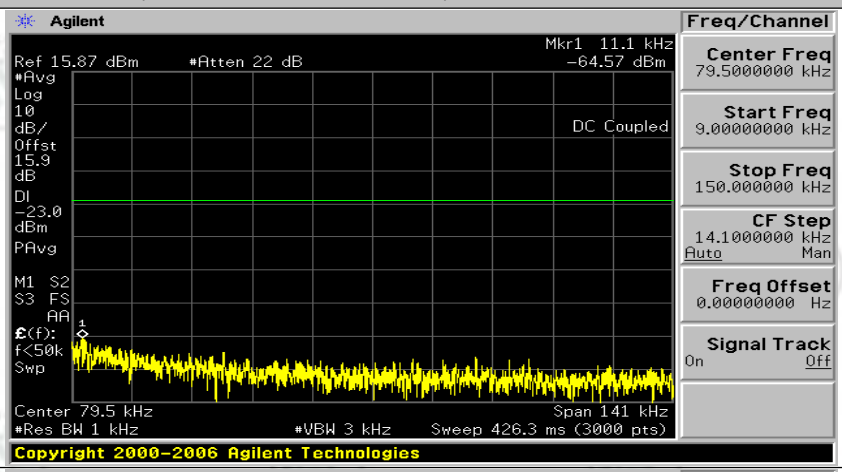
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49

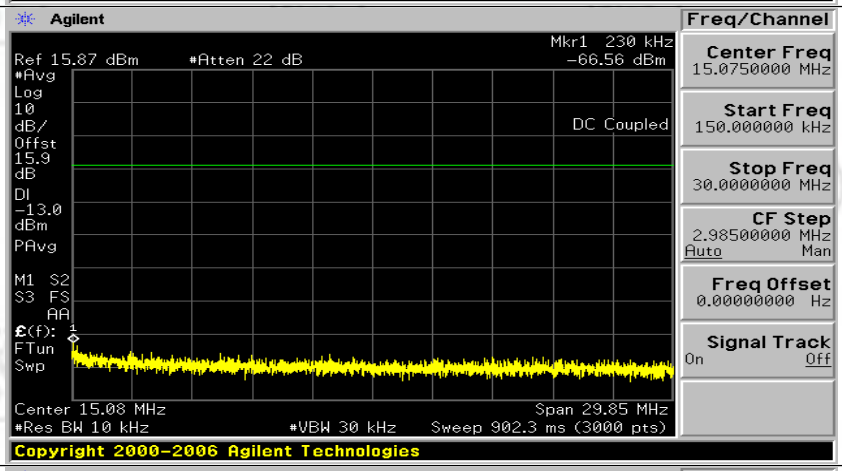


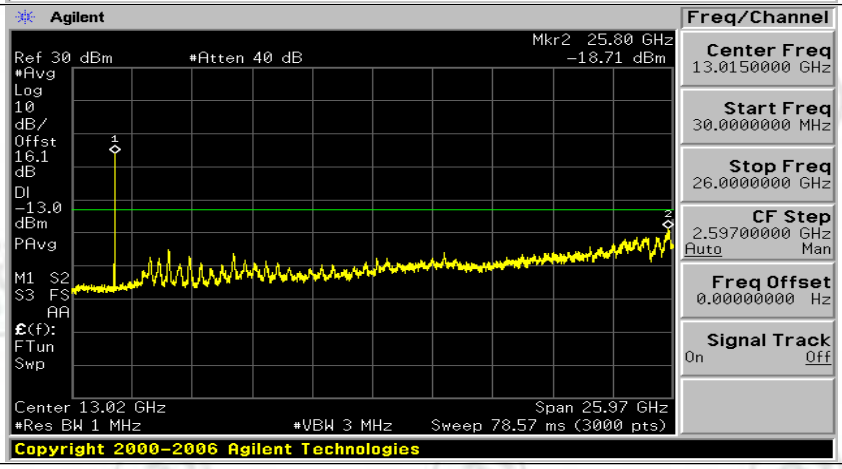




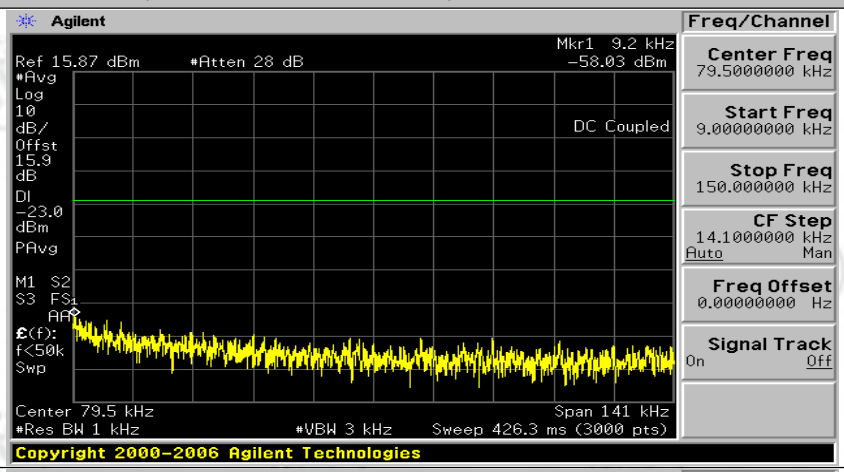
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99

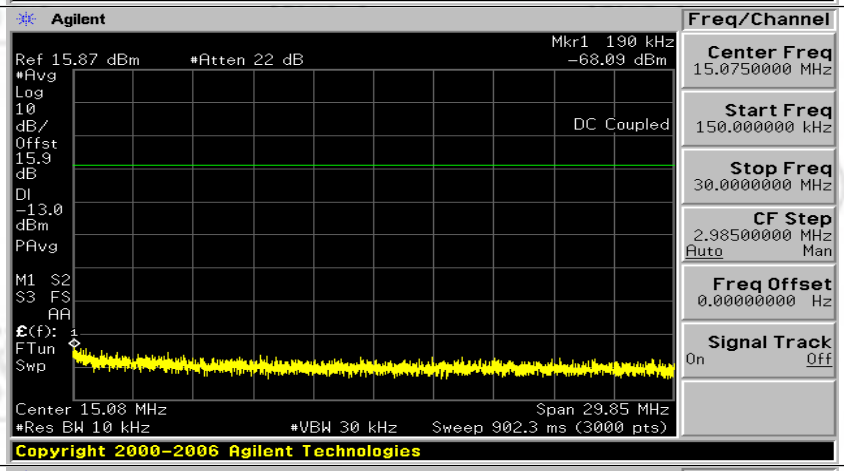


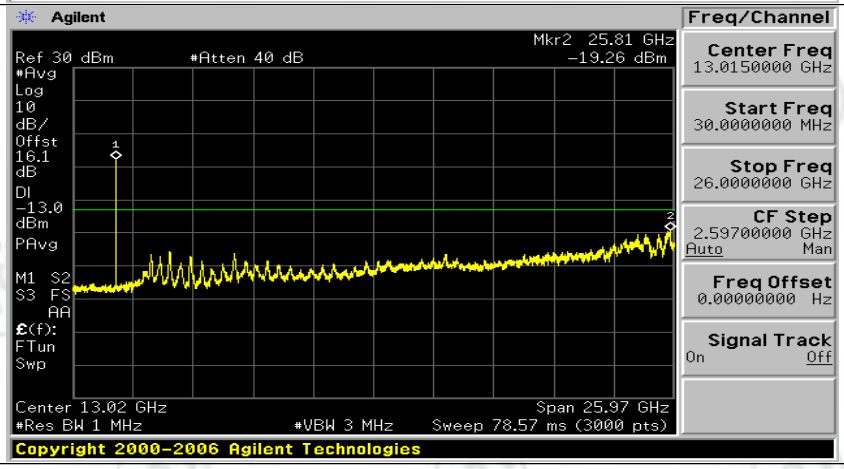




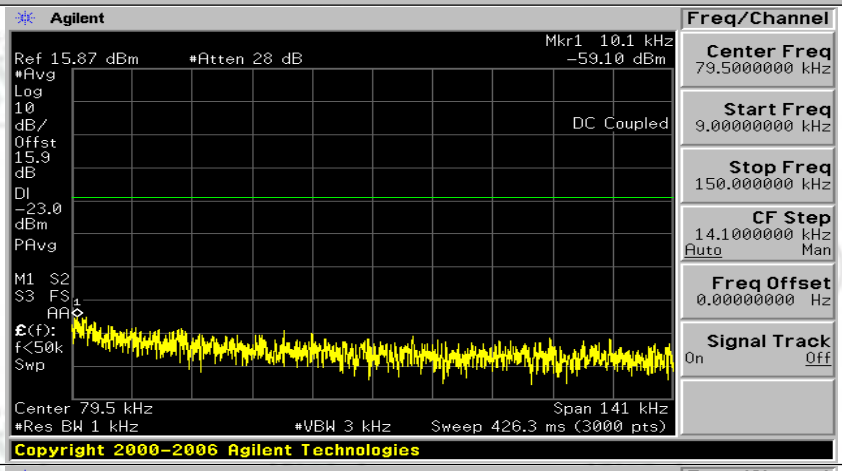
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

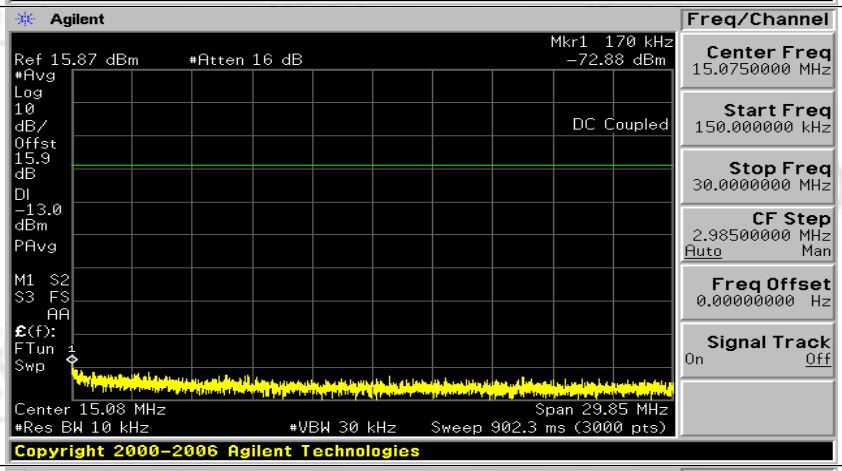


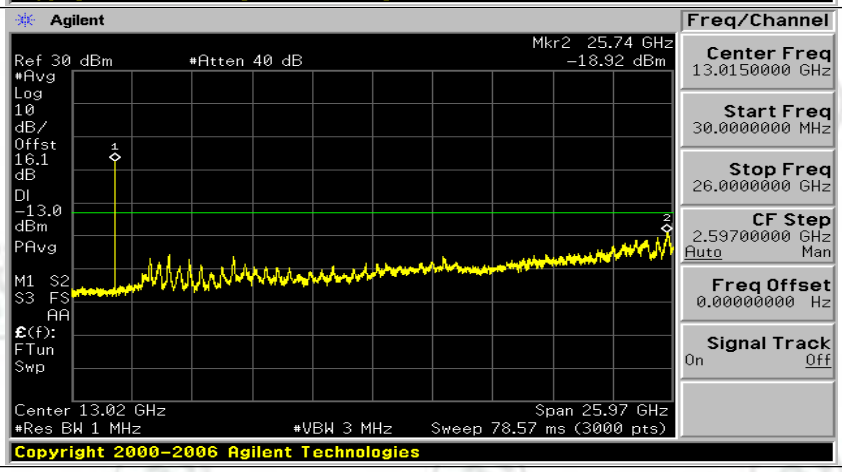




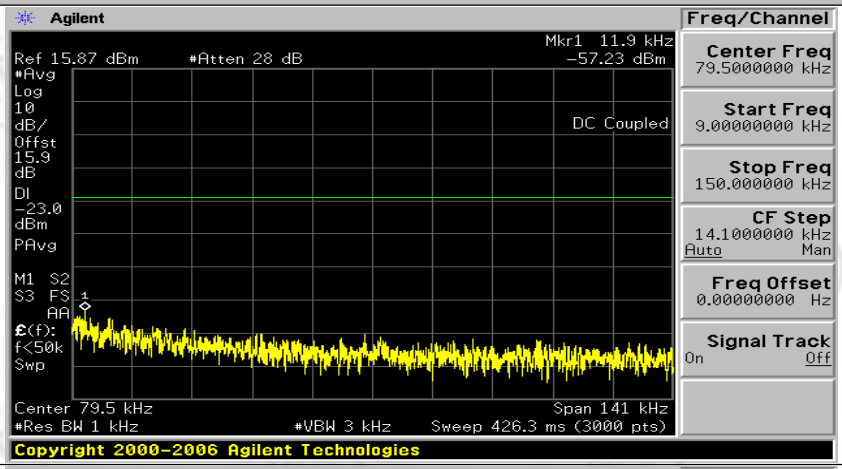
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

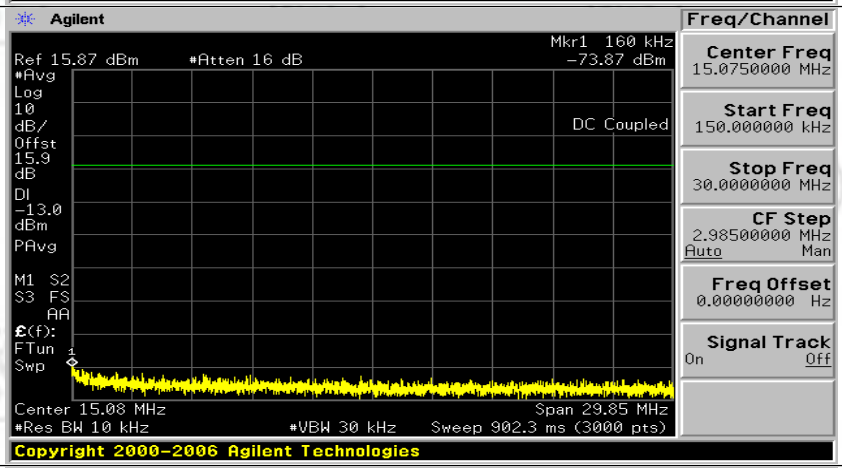


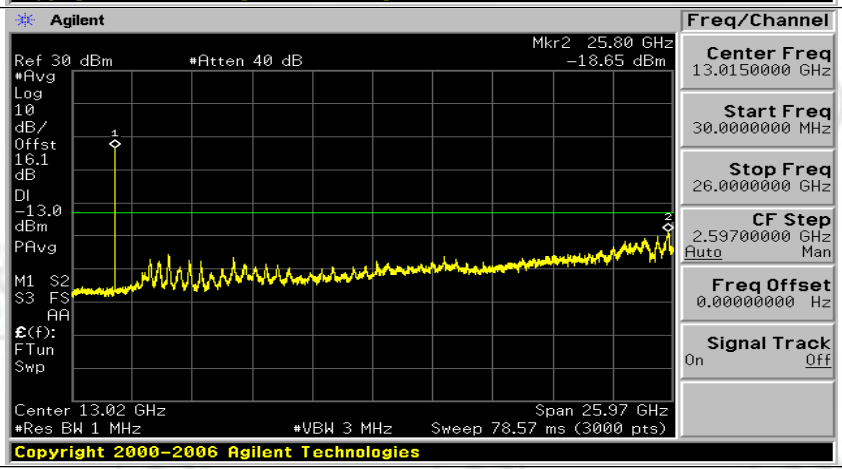




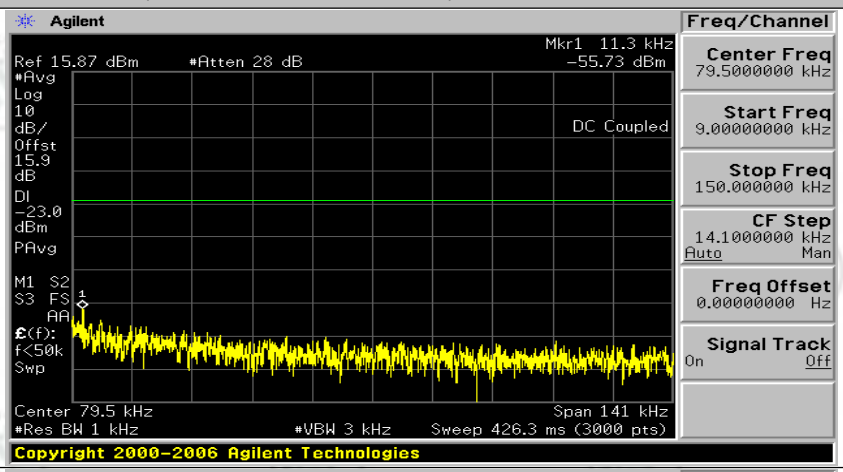
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99

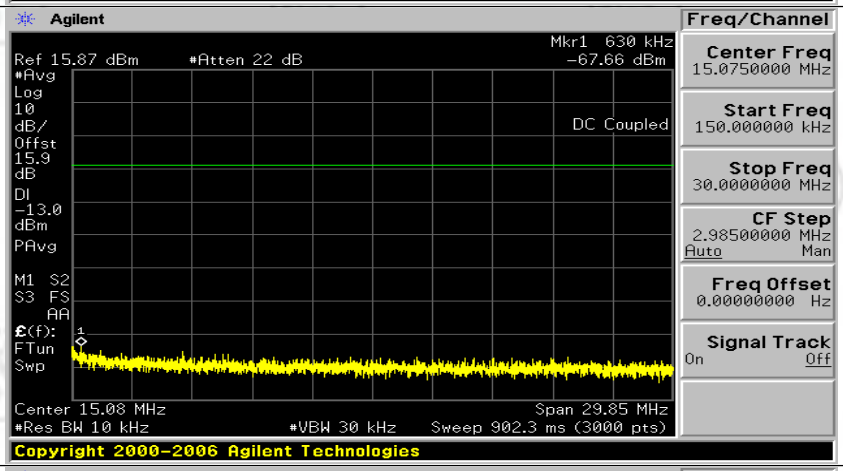


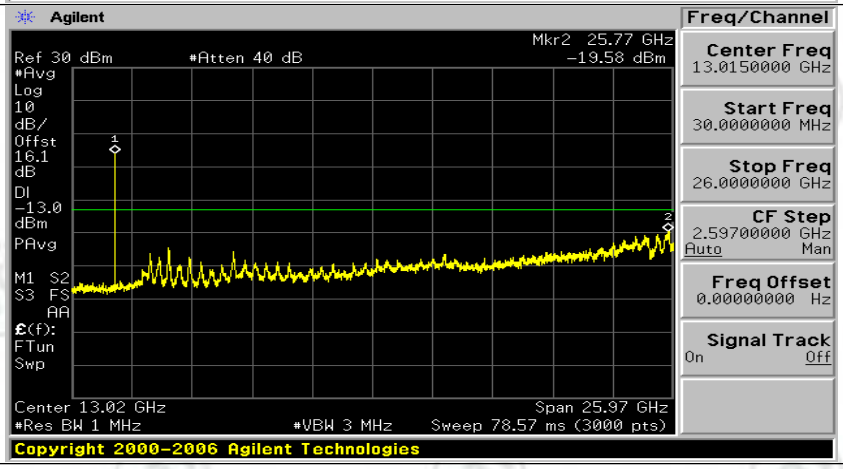




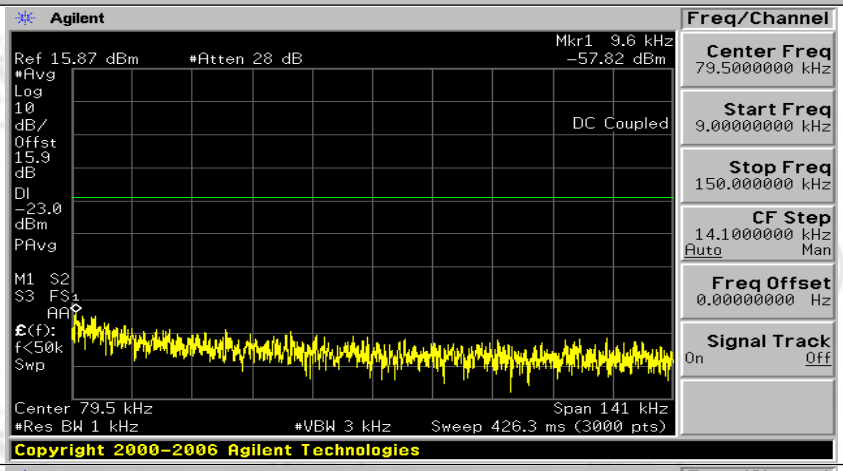
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0

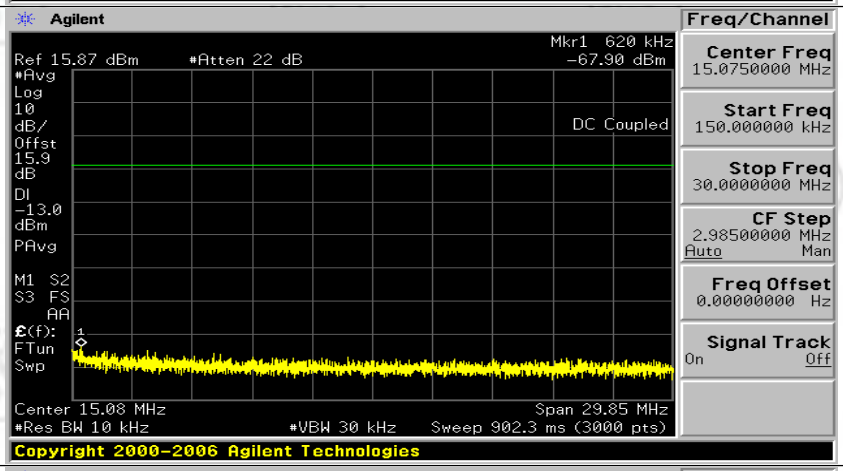


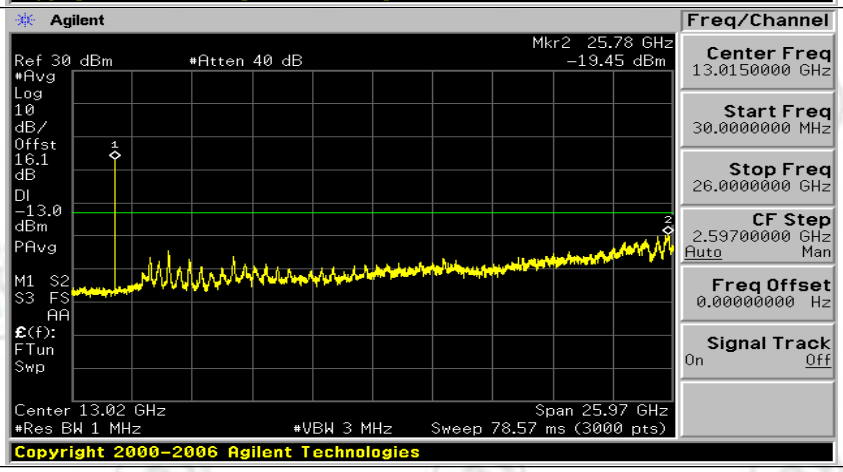




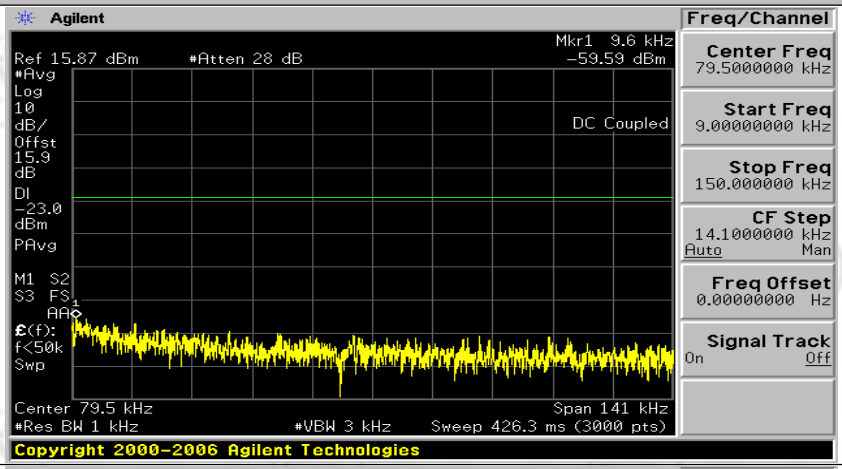
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49

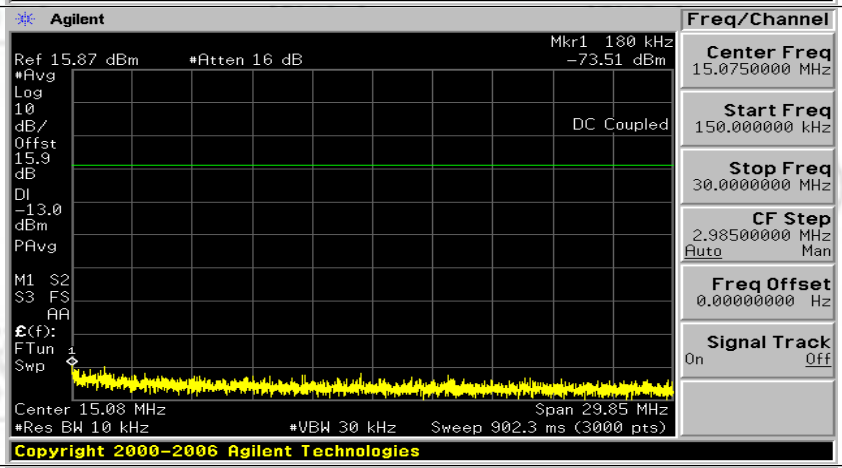


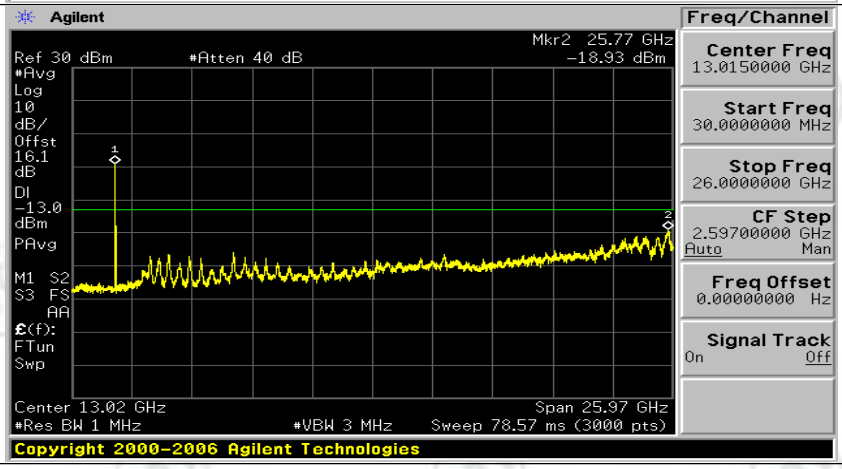




(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99







Appendix F: Frequency Stability

Test Result

(Remark: Beacuse physical dimensions of bicycle , The stabilizing portion is chosed for test. stabilizing portion is powered by DC12V, VL is 10.2V, VN is 12V, VH is 13.8V for variation of primary supply voltage)

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	5.54	0.002991	± 2.5	PASS
		VN	TN	-7.15	-0.003865	± 2.5	PASS
		VH	TN	6.97	0.003764	± 2.5	PASS
	MCH	VL	TN	-8.73	-0.004642	± 2.5	PASS
		VN	TN	0.09	0.000046	± 2.5	PASS
		VH	TN	-6.87	-0.003652	± 2.5	PASS
	HCH	VL	TN	3.13	0.001641	± 2.5	PASS
		VN	TN	-2.33	-0.001221	± 2.5	PASS
		VH	TN	-9.81	-0.005140	± 2.5	PASS
16QAM	LCH	VL	TN	5.06	0.002736	± 2.5	PASS
		VN	TN	-4.63	-0.002504	± 2.5	PASS
		VH	TN	2.25	0.001214	± 2.5	PASS
	MCH	VL	TN	-9.03	-0.004801	± 2.5	PASS
		VN	TN	0.01	0.000008	± 2.5	PASS
		VH	TN	-17.92	-0.009534	± 2.5	PASS
	HCH	VL	TN	0.50	0.000262	± 2.5	PASS
		VN	TN	-0.66	-0.000345	± 2.5	PASS
		VH	TN	-8.67	-0.004540	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	7.05	0.003811	± 2.5	PASS
		VN	-20	-2.86	-0.001546	± 2.5	PASS
		VN	-10	5.45	0.002945	± 2.5	PASS
		VN	0	-6.09	-0.003293	± 2.5	PASS
		VN	10	-2.75	-0.001484	± 2.5	PASS
		VN	20	-1.39	-0.000750	± 2.5	PASS
		VN	30	2.25	0.001214	± 2.5	PASS
		VN	40	1.04	0.000564	± 2.5	PASS
		VN	50	7.02	0.003795	± 2.5	PASS
	MCH	VN	-30	-9.57	-0.005090	± 2.5	PASS
		VN	-20	-4.01	-0.002131	± 2.5	PASS
		VN	-10	-2.95	-0.001567	± 2.5	PASS
		VN	0	-9.87	-0.005250	± 2.5	PASS
		VN	10	2.63	0.001400	± 2.5	PASS
		VN	20	-12.10	-0.006437	± 2.5	PASS
		VN	30	2.13	0.001134	± 2.5	PASS
		VN	40	-0.49	-0.000259	± 2.5	PASS
		VN	50	-2.55	-0.001354	± 2.5	PASS
	HCH	VN	-30	6.87	0.003596	± 2.5	PASS

		VN	-20	-2.12	-0.001109	± 2.5	PASS
		VN	-10	-14.12	-0.007395	± 2.5	PASS
		VN	0	8.07	0.004226	± 2.5	PASS
		VN	10	2.20	0.001154	± 2.5	PASS
		VN	20	-9.48	-0.004967	± 2.5	PASS
		VN	30	-8.38	-0.004391	± 2.5	PASS
		VN	40	-11.34	-0.005941	± 2.5	PASS
		VN	50	-10.96	-0.005739	± 2.5	PASS
16QAM	LCH	VN	-30	6.24	0.003370	± 2.5	PASS
		VN	-20	-4.03	-0.002180	± 2.5	PASS
		VN	-10	4.66	0.002520	± 2.5	PASS
		VN	0	5.14	0.002775	± 2.5	PASS
		VN	10	-3.39	-0.001832	± 2.5	PASS
		VN	20	-0.06	-0.000031	± 2.5	PASS
		VN	30	5.58	0.003015	± 2.5	PASS
		VN	40	-3.16	-0.001708	± 2.5	PASS
		VN	50	-3.68	-0.001986	± 2.5	PASS
	MCH	VN	-30	-18.63	-0.009907	± 2.5	PASS
		VN	-20	-13.38	-0.007115	± 2.5	PASS
		VN	-10	-2.10	-0.001119	± 2.5	PASS
		VN	0	-1.80	-0.000959	± 2.5	PASS
		VN	10	-14.33	-0.007624	± 2.5	PASS
		VN	20	-18.05	-0.009603	± 2.5	PASS
		VN	30	-3.71	-0.001971	± 2.5	PASS
		VN	40	-12.77	-0.006795	± 2.5	PASS
		VN	50	1.42	0.000753	± 2.5	PASS
	HCH	VN	-30	-8.54	-0.004473	± 2.5	PASS
		VN	-20	-4.29	-0.002248	± 2.5	PASS
		VN	-10	-11.77	-0.006166	± 2.5	PASS
		VN	0	-3.62	-0.001896	± 2.5	PASS
		VN	10	-12.89	-0.006751	± 2.5	PASS
		VN	20	-1.02	-0.000532	± 2.5	PASS
		VN	30	-1.89	-0.000989	± 2.5	PASS
		VN	40	0.84	0.000442	± 2.5	PASS
		VN	50	-2.92	-0.001528	± 2.5	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz+							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	1.16	0.000626	± 2.5	PASS
		VN	TN	-12.92	-0.006977	± 2.5	PASS
		VH	TN	-13.13	-0.007093	± 2.5	PASS
	MCH	VL	TN	-4.43	-0.002359	± 2.5	PASS
		VN	TN	-16.37	-0.008705	± 2.5	PASS
		VH	TN	-11.52	-0.006125	± 2.5	PASS
	HCH	VL	TN	1.04	0.000547	± 2.5	PASS
		VN	TN	-15.32	-0.008028	± 2.5	PASS
		VH	TN	2.79	0.001462	± 2.5	PASS
16QAM	LCH	VL	TN	-16.97	-0.009163	± 2.5	PASS

		VN	TN	-2.82	-0.001522	± 2.5	PASS
		VH	TN	3.42	0.001847	± 2.5	PASS
	MCH	VL	TN	-9.84	-0.005235	± 2.5	PASS
		VN	TN	-12.57	-0.006688	± 2.5	PASS
		VH	TN	-7.95	-0.004231	± 2.5	PASS
	HCH	VL	TN	-0.43	-0.000225	± 2.5	PASS
		VN	TN	-16.28	-0.008530	± 2.5	PASS
		VH	TN	-15.76	-0.008260	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.10	0.001136	± 2.5	PASS
		VN	-20	-1.10	-0.000595	± 2.5	PASS
		VN	-10	-8.10	-0.004373	± 2.5	PASS
		VN	0	-10.89	-0.005880	± 2.5	PASS
		VN	10	-7.32	-0.003956	± 2.5	PASS
		VN	20	-0.76	-0.000409	± 2.5	PASS
		VN	30	-1.96	-0.001058	± 2.5	PASS
		VN	40	-15.95	-0.008615	± 2.5	PASS
		VN	50	1.39	0.000749	± 2.5	PASS
	MCH	VN	-30	0.89	0.000472	± 2.5	PASS
		VN	-20	-18.38	-0.009778	± 2.5	PASS
		VN	-10	-4.46	-0.002374	± 2.5	PASS
		VN	0	-11.27	-0.005996	± 2.5	PASS
		VN	10	-7.94	-0.004223	± 2.5	PASS
		VN	20	-7.88	-0.004193	± 2.5	PASS
		VN	30	-0.30	-0.000160	± 2.5	PASS
		VN	40	-14.51	-0.007716	± 2.5	PASS
		VN	50	-9.64	-0.005129	± 2.5	PASS
	HCH	VN	-30	1.27	0.000667	± 2.5	PASS
		VN	-20	3.28	0.001716	± 2.5	PASS
		VN	-10	-17.48	-0.009159	± 2.5	PASS
		VN	0	-6.77	-0.003545	± 2.5	PASS
		VN	10	-14.65	-0.007675	± 2.5	PASS
		VN	20	-0.50	-0.000262	± 2.5	PASS
		VN	30	2.12	0.001109	± 2.5	PASS
		VN	40	-4.46	-0.002339	± 2.5	PASS
		VN	50	-8.13	-0.004257	± 2.5	PASS
16QAM	LCH	VN	-30	-3.15	-0.001700	± 2.5	PASS
		VN	-20	-6.15	-0.003322	± 2.5	PASS
		VN	-10	-4.75	-0.002565	± 2.5	PASS
		VN	0	-16.06	-0.008677	± 2.5	PASS
		VN	10	-0.49	-0.000263	± 2.5	PASS
		VN	20	-1.82	-0.000981	± 2.5	PASS
		VN	30	4.55	0.002457	± 2.5	PASS
		VN	40	4.86	0.002627	± 2.5	PASS
		VN	50	-18.30	-0.009882	± 2.5	PASS
	MCH	VN	-30	-10.47	-0.005570	± 2.5	PASS
		VN	-20	-16.47	-0.008758	± 2.5	PASS
		VN	-10	-3.96	-0.002108	± 2.5	PASS
		VN	0	-13.16	-0.007000	± 2.5	PASS
		VN	10	-13.55	-0.007206	± 2.5	PASS

		VN	20	1.10	0.000586	± 2.5	PASS
		VN	30	-1.26	-0.000670	± 2.5	PASS
		VN	40	2.59	0.001377	± 2.5	PASS
		VN	50	2.82	0.001499	± 2.5	PASS
	HCH	VN	-30	-16.01	-0.008387	± 2.5	PASS
		VN	-20	-7.51	-0.003935	± 2.5	PASS
		VN	-10	-14.59	-0.007645	± 2.5	PASS
		VN	0	-15.85	-0.008305	± 2.5	PASS
		VN	10	-11.52	-0.006034	± 2.5	PASS
		VN	20	-13.43	-0.007038	± 2.5	PASS
		VN	30	0.62	0.000322	± 2.5	PASS
		VN	40	1.52	0.000795	± 2.5	PASS
		VN	50	-7.24	-0.003793	± 2.5	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-3.08	-0.001660	± 2.5	PASS
		VN	TN	3.62	0.001954	± 2.5	PASS
		VH	TN	-7.85	-0.004239	± 2.5	PASS
	MCH	VL	TN	0.66	0.000350	± 2.5	PASS
		VN	TN	0.59	0.000312	± 2.5	PASS
		VH	TN	-2.68	-0.001423	± 2.5	PASS
	HCH	VL	TN	-8.64	-0.004530	± 2.5	PASS
		VN	TN	5.79	0.003037	± 2.5	PASS
		VH	TN	-5.25	-0.002752	± 2.5	PASS
16QAM	LCH	VL	TN	-0.57	-0.000309	± 2.5	PASS
		VN	TN	-6.34	-0.003421	± 2.5	PASS
		VH	TN	-8.08	-0.004363	± 2.5	PASS
	MCH	VL	TN	-15.12	-0.008043	± 2.5	PASS
		VN	TN	-5.11	-0.002716	± 2.5	PASS
		VH	TN	-5.15	-0.002739	± 2.5	PASS
	HCH	VL	TN	-4.75	-0.002490	± 2.5	PASS
		VN	TN	-3.88	-0.002032	± 2.5	PASS
		VH	TN	-5.02	-0.002632	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.60	0.000324	± 2.5	PASS
		VN	-20	-7.28	-0.003931	± 2.5	PASS
		VN	-10	-2.26	-0.001220	± 2.5	PASS
		VN	0	-8.25	-0.004456	± 2.5	PASS
		VN	10	-6.31	-0.003405	± 2.5	PASS
		VN	20	9.11	0.004919	± 2.5	PASS
		VN	30	4.76	0.002571	± 2.5	PASS
		VN	40	9.63	0.005197	± 2.5	PASS
		VN	50	8.20	0.004425	± 2.5	PASS
	MCH	VN	-30	-1.82	-0.000966	± 2.5	PASS

		VN	-20	-12.22	-0.006498	± 2.5	PASS
		VN	-10	-14.15	-0.007525	± 2.5	PASS
		VN	0	-9.84	-0.005235	± 2.5	PASS
		VN	10	-7.48	-0.003980	± 2.5	PASS
		VN	20	-4.16	-0.002214	± 2.5	PASS
		VN	30	-1.10	-0.000586	± 2.5	PASS
		VN	40	-15.74	-0.008370	± 2.5	PASS
		VN	50	-7.51	-0.003995	± 2.5	PASS
	HCH	VN	-30	-12.79	-0.006704	± 2.5	PASS
		VN	-20	-10.84	-0.005685	± 2.5	PASS
		VN	-10	-10.54	-0.005527	± 2.5	PASS
		VN	0	-7.14	-0.003742	± 2.5	PASS
		VN	10	-12.72	-0.006667	± 2.5	PASS
		VN	20	-6.15	-0.003225	± 2.5	PASS
		VN	30	6.74	0.003532	± 2.5	PASS
		VN	40	-4.43	-0.002325	± 2.5	PASS
		VN	50	-14.96	-0.007844	± 2.5	PASS
	LCH	VN	-30	3.02	0.001629	± 2.5	PASS
		VN	-20	-8.25	-0.004456	± 2.5	PASS
		VN	-10	-5.39	-0.002911	± 2.5	PASS
		VN	0	1.99	0.001073	± 2.5	PASS
		VN	10	6.68	0.003606	± 2.5	PASS
		VN	20	-8.27	-0.004463	± 2.5	PASS
		VN	30	-4.98	-0.002687	± 2.5	PASS
		VN	40	5.72	0.003089	± 2.5	PASS
		VN	50	-2.65	-0.001429	± 2.5	PASS
	MCH	VN	-30	-7.58	-0.004033	± 2.5	PASS
		VN	-20	-15.28	-0.008127	± 2.5	PASS
		VN	-10	-15.05	-0.008005	± 2.5	PASS
		VN	0	-0.33	-0.000175	± 2.5	PASS
16QAM		VN	10	-7.44	-0.003957	± 2.5	PASS
		VN	20	-0.21	-0.000114	± 2.5	PASS
		VN	30	-11.39	-0.006057	± 2.5	PASS
		VN	40	-15.82	-0.008416	± 2.5	PASS
		VN	50	-5.97	-0.003173	± 2.5	PASS
	HCH	VN	-30	4.69	0.002460	± 2.5	PASS
		VN	-20	1.57	0.000825	± 2.5	PASS
		VN	-10	1.60	0.000840	± 2.5	PASS
		VN	0	-6.47	-0.003390	± 2.5	PASS
		VN	10	-5.46	-0.002865	± 2.5	PASS
		VN	20	-8.31	-0.004357	± 2.5	PASS
		VN	30	0.80	0.000420	± 2.5	PASS
		VN	40	-11.23	-0.005887	± 2.5	PASS
		VN	50	-8.14	-0.004267	± 2.5	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict

QPSK	LCH	VL	TN	-5.41	-0.002915	± 2.5	PASS
		VN	TN	-5.55	-0.002992	± 2.5	PASS
		VH	TN	-4.56	-0.002460	± 2.5	PASS
	MCH	VL	TN	2.62	0.001392	± 2.5	PASS
		VN	TN	-3.06	-0.001628	± 2.5	PASS
		VH	TN	-9.03	-0.004801	± 2.5	PASS
	HCH	VL	TN	-1.17	-0.000616	± 2.5	PASS
		VN	TN	2.02	0.001059	± 2.5	PASS
		VH	TN	-4.62	-0.002425	± 2.5	PASS
16QAM	LCH	VL	TN	-8.58	-0.004627	± 2.5	PASS
		VN	TN	-6.52	-0.003517	± 2.5	PASS
		VH	TN	-11.17	-0.006023	± 2.5	PASS
	MCH	VL	TN	-5.56	-0.002960	± 2.5	PASS
		VN	TN	-6.95	-0.003698	± 2.5	PASS
		VH	TN	3.03	0.001613	± 2.5	PASS
	HCH	VL	TN	-7.64	-0.004010	± 2.5	PASS
		VN	TN	0.83	0.000436	± 2.5	PASS
		VH	TN	7.35	0.003860	± 2.5	PASS

Temperature

Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-2.96	-0.001596	± 2.5	PASS
		VN	-20	-2.78	-0.001496	± 2.5	PASS
		VN	-10	1.56	0.000841	± 2.5	PASS
		VN	0	-10.93	-0.005892	± 2.5	PASS
		VN	10	-13.13	-0.007079	± 2.5	PASS
		VN	20	-1.96	-0.001056	± 2.5	PASS
		VN	30	-2.90	-0.001565	± 2.5	PASS
		VN	40	4.21	0.002267	± 2.5	PASS
		VN	50	-3.83	-0.002067	± 2.5	PASS
	MCH	VN	-30	-8.77	-0.004664	± 2.5	PASS
		VN	-20	-9.70	-0.005159	± 2.5	PASS
		VN	-10	-3.26	-0.001735	± 2.5	PASS
		VN	0	-9.68	-0.005151	± 2.5	PASS
		VN	10	-3.43	-0.001826	± 2.5	PASS
		VN	20	1.42	0.000753	± 2.5	PASS
		VN	30	-12.69	-0.006749	± 2.5	PASS
		VN	40	-9.41	-0.005007	± 2.5	PASS
		VN	50	1.16	0.000616	± 2.5	PASS
	HCH	VN	-30	0.00	0.000000	± 2.5	PASS
		VN	-20	1.97	0.001036	± 2.5	PASS
		VN	-10	4.65	0.002441	± 2.5	PASS
		VN	0	-6.18	-0.003244	± 2.5	PASS
		VN	10	-7.74	-0.004063	± 2.5	PASS
		VN	20	-7.50	-0.003935	± 2.5	PASS
		VN	30	2.22	0.001164	± 2.5	PASS
		VN	40	-2.76	-0.001449	± 2.5	PASS
		VN	50	3.23	0.001697	± 2.5	PASS
16QAM	LCH	VN	-30	4.32	0.002329	± 2.5	PASS
		VN	-20	0.03	0.000015	± 2.5	PASS
		VN	-10	-5.35	-0.002884	± 2.5	PASS
		VN	0	-12.77	-0.006887	± 2.5	PASS

		VN	10	-3.43	-0.001851	± 2.5	PASS
		VN	20	-5.31	-0.002861	± 2.5	PASS
		VN	30	-6.82	-0.003678	± 2.5	PASS
		VN	40	-6.28	-0.003385	± 2.5	PASS
		VN	50	-2.25	-0.001211	± 2.5	PASS
	MCH	VN	-30	0.63	0.000335	± 2.5	PASS
		VN	-20	-13.15	-0.006993	± 2.5	PASS
		VN	-10	-10.99	-0.005844	± 2.5	PASS
		VN	0	0.59	0.000312	± 2.5	PASS
		VN	10	-8.91	-0.004740	± 2.5	PASS
		VN	20	-13.73	-0.007305	± 2.5	PASS
		VN	30	-4.75	-0.002526	± 2.5	PASS
		VN	40	-1.75	-0.000928	± 2.5	PASS
		VN	50	-8.01	-0.004261	± 2.5	PASS
	HCH	VN	-30	-9.00	-0.004723	± 2.5	PASS
		VN	-20	3.58	0.001877	± 2.5	PASS
		VN	-10	1.60	0.000841	± 2.5	PASS
		VN	0	-2.06	-0.001081	± 2.5	PASS
		VN	10	-2.05	-0.001074	± 2.5	PASS
		VN	20	2.82	0.001479	± 2.5	PASS
		VN	30	1.62	0.000849	± 2.5	PASS
		VN	40	-2.26	-0.001186	± 2.5	PASS
		VN	50	-3.32	-0.001742	± 2.5	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-8.08	-0.004351	± 2.5	PASS
		VN	TN	-7.32	-0.003943	± 2.5	PASS
		VH	TN	-11.76	-0.006330	± 2.5	PASS
	MCH	VL	TN	-5.94	-0.003158	± 2.5	PASS
		VN	TN	-4.43	-0.002359	± 2.5	PASS
		VH	TN	-8.80	-0.004680	± 2.5	PASS
	HCH	VL	TN	-5.11	-0.002684	± 2.5	PASS
		VN	TN	-8.93	-0.004692	± 2.5	PASS
		VH	TN	-14.65	-0.007700	± 2.5	PASS
16QAM	LCH	VL	TN	-10.90	-0.005868	± 2.5	PASS
		VN	TN	-9.11	-0.004906	± 2.5	PASS
		VH	TN	-9.81	-0.005283	± 2.5	PASS
	MCH	VL	TN	-8.38	-0.004459	± 2.5	PASS
		VN	TN	-9.20	-0.004893	± 2.5	PASS
		VH	TN	-12.45	-0.006620	± 2.5	PASS
	HCH	VL	TN	-6.77	-0.003557	± 2.5	PASS
		VN	TN	-6.07	-0.003188	± 2.5	PASS
		VH	TN	-11.43	-0.006008	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict

		VN	-30	-11.89	-0.006400	± 2.5	PASS
		VN	-20	-22.40	-0.012060	± 2.5	PASS
		VN	-10	-9.50	-0.005114	± 2.5	PASS
		VN	0	-5.88	-0.003165	± 2.5	PASS
	LCH	VN	10	-7.21	-0.003881	± 2.5	PASS
		VN	20	-8.10	-0.004359	± 2.5	PASS
		VN	30	-8.98	-0.004836	± 2.5	PASS
		VN	40	-7.52	-0.004051	± 2.5	PASS
		VN	50	-9.87	-0.005314	± 2.5	PASS
		VN	-30	-6.12	-0.003257	± 2.5	PASS
		VN	-20	-6.84	-0.003637	± 2.5	PASS
		VN	-10	-6.84	-0.003637	± 2.5	PASS
		VN	0	-7.48	-0.003980	± 2.5	PASS
QPSK	MCH	VN	10	-3.78	-0.002009	± 2.5	PASS
		VN	20	-0.14	-0.000076	± 2.5	PASS
		VN	30	-3.40	-0.001811	± 2.5	PASS
		VN	40	-6.52	-0.003470	± 2.5	PASS
		VN	50	-10.66	-0.005669	± 2.5	PASS
		VN	-30	-9.01	-0.004737	± 2.5	PASS
		VN	-20	-6.69	-0.003519	± 2.5	PASS
		VN	-10	-7.64	-0.004015	± 2.5	PASS
		VN	0	-5.46	-0.002872	± 2.5	PASS
	HCH	VN	10	-7.42	-0.003902	± 2.5	PASS
		VN	20	-8.01	-0.004211	± 2.5	PASS
		VN	30	-8.33	-0.004376	± 2.5	PASS
		VN	40	-5.19	-0.002729	± 2.5	PASS
		VN	50	-8.97	-0.004714	± 2.5	PASS
		VN	-30	-5.09	-0.002742	± 2.5	PASS
		VN	-20	3.83	0.002064	± 2.5	PASS
		VN	-10	2.42	0.001302	± 2.5	PASS
		VN	0	-9.28	-0.004998	± 2.5	PASS
	LCH	VN	10	-8.24	-0.004436	± 2.5	PASS
		VN	20	-6.88	-0.003704	± 2.5	PASS
		VN	30	-8.96	-0.004821	± 2.5	PASS
		VN	40	-7.70	-0.004143	± 2.5	PASS
		VN	50	-8.04	-0.004328	± 2.5	PASS
		VN	-30	-5.98	-0.003181	± 2.5	PASS
		VN	-20	-7.44	-0.003957	± 2.5	PASS
		VN	-10	-1.86	-0.000989	± 2.5	PASS
16QAM		VN	0	-3.93	-0.002093	± 2.5	PASS
	MCH	VN	10	-5.19	-0.002762	± 2.5	PASS
		VN	20	-7.82	-0.004162	± 2.5	PASS
		VN	30	-5.98	-0.003181	± 2.5	PASS
		VN	40	-5.15	-0.002739	± 2.5	PASS
		VN	50	-5.54	-0.002945	± 2.5	PASS
		VN	-30	-8.73	-0.004587	± 2.5	PASS
		VN	-20	-10.34	-0.005436	± 2.5	PASS
		VN	-10	-3.09	-0.001624	± 2.5	PASS
	HCH	VN	0	-7.65	-0.004023	± 2.5	PASS
		VN	10	-9.08	-0.004775	± 2.5	PASS
		VN	20	-13.52	-0.007106	± 2.5	PASS
		VN	30	-9.67	-0.005083	± 2.5	PASS

		VN	40	-6.14	-0.003226	± 2.5	PASS
		VN	50	-2.36	-0.001241	± 2.5	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-0.87	-0.000469	± 2.5	PASS
		VN	TN	-3.83	-0.002061	± 2.5	PASS
		VH	TN	-2.73	-0.001469	± 2.5	PASS
	MCH	VL	TN	-5.19	-0.002762	± 2.5	PASS
		VN	TN	-8.61	-0.004581	± 2.5	PASS
		VH	TN	-7.67	-0.004078	± 2.5	PASS
	HCH	VL	TN	-5.21	-0.002741	± 2.5	PASS
		VN	TN	-8.04	-0.004231	± 2.5	PASS
		VH	TN	-8.15	-0.004292	± 2.5	PASS
16QAM	LCH	VL	TN	-1.36	-0.000731	± 2.5	PASS
		VN	TN	-1.50	-0.000808	± 2.5	PASS
		VH	TN	1.47	0.000792	± 2.5	PASS
	MCH	VL	TN	-6.77	-0.003599	± 2.5	PASS
		VN	TN	-10.21	-0.005433	± 2.5	PASS
		VH	TN	-12.12	-0.006445	± 2.5	PASS
	HCH	VL	TN	-3.20	-0.001686	± 2.5	PASS
		VN	TN	-7.65	-0.004028	± 2.5	PASS
		VH	TN	-6.31	-0.003320	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	1.22	0.000654	± 2.5	PASS
		VN	-20	-2.27	-0.001223	± 2.5	PASS
		VN	-10	-3.89	-0.002092	± 2.5	PASS
		VN	0	-2.29	-0.001231	± 2.5	PASS
		VN	10	3.63	0.001953	± 2.5	PASS
		VN	20	4.36	0.002346	± 2.5	PASS
		VN	30	-1.52	-0.000815	± 2.5	PASS
		VN	40	2.95	0.001584	± 2.5	PASS
		VN	50	-2.66	-0.001431	± 2.5	PASS
	MCH	VN	-30	-5.15	-0.002739	± 2.5	PASS
		VN	-20	-8.65	-0.004604	± 2.5	PASS
		VN	-10	-2.00	-0.001065	± 2.5	PASS
		VN	0	-10.41	-0.005539	± 2.5	PASS
		VN	10	-7.21	-0.003835	± 2.5	PASS
		VN	20	-10.26	-0.005456	± 2.5	PASS
		VN	30	-5.62	-0.002990	± 2.5	PASS
		VN	40	-7.61	-0.004048	± 2.5	PASS
		VN	50	-6.85	-0.003645	± 2.5	PASS
	HCH	VN	-30	-0.97	-0.000512	± 2.5	PASS
		VN	-20	-3.09	-0.001626	± 2.5	PASS
		VN	-10	-4.13	-0.002176	± 2.5	PASS

		VN	0	-1.56	-0.000821	± 2.5	PASS
		VN	10	-6.62	-0.003486	± 2.5	PASS
		VN	20	-5.85	-0.003079	± 2.5	PASS
		VN	30	-5.71	-0.003004	± 2.5	PASS
		VN	40	1.75	0.000919	± 2.5	PASS
		VN	50	3.93	0.002070	± 2.5	PASS
	LCH	VN	-30	0.39	0.000208	± 2.5	PASS
		VN	-20	-0.82	-0.000438	± 2.5	PASS
		VN	-10	-4.48	-0.002407	± 2.5	PASS
		VN	0	-5.21	-0.002799	± 2.5	PASS
		VN	10	-3.65	-0.001961	± 2.5	PASS
		VN	20	-5.84	-0.003138	± 2.5	PASS
		VN	30	1.67	0.000900	± 2.5	PASS
		VN	40	-3.79	-0.002038	± 2.5	PASS
		VN	50	-2.59	-0.001392	± 2.5	PASS
	MCH	VN	-30	-16.12	-0.008575	± 2.5	PASS
		VN	-20	-6.12	-0.003257	± 2.5	PASS
		VN	-10	-6.39	-0.003401	± 2.5	PASS
		VN	0	-9.38	-0.004992	± 2.5	PASS
16QAM		VN	10	-7.40	-0.003934	± 2.5	PASS
		VN	20	-7.14	-0.003797	± 2.5	PASS
		VN	30	-9.44	-0.005022	± 2.5	PASS
		VN	40	-6.57	-0.003493	± 2.5	PASS
		VN	50	-12.46	-0.006628	± 2.5	PASS
	HCH	VN	-30	-1.65	-0.000866	± 2.5	PASS
		VN	-20	-6.47	-0.003403	± 2.5	PASS
		VN	-10	-2.17	-0.001144	± 2.5	PASS
		VN	0	-7.58	-0.003990	± 2.5	PASS
		VN	10	-4.32	-0.002274	± 2.5	PASS
		VN	20	-5.59	-0.002944	± 2.5	PASS
		VN	30	-6.25	-0.003290	± 2.5	PASS
		VN	40	-2.17	-0.001144	± 2.5	PASS
		VN	50	-7.34	-0.003862	± 2.5	PASS

Appendix G): Field strength of spurious radiation

<table>
<tr><td>Receiver Setup:</td><td colspan="3"><table>
<tr><th>Frequency</th><th>Detector</th><th>RBW</th><th>VBW</th><th>Remark</th></tr>
<tr><td>0.009MHz-30MHz</td><td>Peak</td><td>10kHz</td><td>30kHz</td><td>Peak</td></tr>
<tr><td>30MHz-1GHz</td><td>Peak</td><td>120kHz</td><td>300kHz</td><td>Peak</td></tr>
<tr><td>Above 1GHz</td><td>Peak</td><td>1MHz</td><td>3MHz</td><td>Peak</td></tr>
</table></td></tr>
<tr><td>Measurement Procedure:</td><td colspan="3">1. Scan up to 10th harmonic, find the maximum radiation frequency to measure.
2. The technique used to find the Spurious Emissions of the transmitter was the antenna substitution method. Substitution method was performed to determine the actual ERP/EIRP emission levels of the EUT.
Test procedure as below:
The EUT was powered ON and placed on a 1.5m hight table at a 3 meter fully Anechoic Chamber. The antenna of the transmitter was extended to its maximum length. modulation mode and the measuring receiver shall be tuned to the frequency of the transmitter under test.
The EUT was set 3 meters(above 18GHz the distance is 1 meter) away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
The disturbance of the transmitter was maximized on the test receiver display by raising and lowering from 1m to 4m the receive antenna and by rotating through 360° the turntable. After the fundamental emission was maximized, a field strength measurement was made.
Steps 1) to 3) were performed with the EUT and the receive antenna in both vertical and horizontal polarization.
The transmitter was then removed and replaced with another antenna. The center of the antenna was approximately at the same location as the center of the transmitter.
A signal at the disturbance was fed to the substitution antenna by means of a non-radiating cable. With both the substitution and the receive antennas horizontally polarized, the receive antenna was raised and lowered to obtain a maximum reading at the test receiver. The level of the signal generator was adjusted until the measured field strength level in step 3) is obtained for this set of conditions.
The output power into the substitution antenna was then measured.
Steps 6) and 7)were repeated with both antennas polarized.
Calculate power in dBm by the following formula:
ERP(dBm) = Pg(dBm) – cable loss (dB) + antenna gain (dBd)
EIRP(dBm) = Pg(dBm) – cable loss (dB) + antenna gain (dBi)
EIRP=ERP+2.15dB
where:
Pg is the generator output power into the substitution antenna.
) Test the EUT in the lowest channel, the middle channel the Highest channel
) The radiation measurements are performed in X, Y, Z axis positioning for EUT operation mode,And found the X axis positioning which it is worse case.
) Repeat above procedures until all frequencies measured was complete.</td></tr>
<tr><td>Limit:</td><td colspan="3">Attenuated at least 43+10log(P)</td></tr>
<tr><td>Test Ambient:</td><td>Temp.: 21°C</td><td>Humid.: 60%</td><td>Press.: 101kPa</td></tr>
</table>

Test Data:

QPSK

Mode:	LTE Traffic		
Band:	2	Channel:	18607
Remark:	1.4M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	136.9154	150	169	-32.83	-13.00	19.83	Pass	Horizontal
2	168.3497	150	188	-38.94	-13.00	25.94	Pass	Horizontal
3	226.3673	150	92	-39.02	-13.00	26.02	Pass	Horizontal
4	259.1598	150	130	-35.88	-13.00	22.88	Pass	Horizontal
5	306.8934	150	226	-37.32	-13.00	24.32	Pass	Horizontal
6	354.8210	150	208	-38.09	-13.00	25.09	Pass	Horizontal
7	1532.6533	150	18	-47.69	-13.00	34.69	Pass	Horizontal
8	3701.4000	150	358	-42.54	-13.00	29.54	Pass	Horizontal
9	5552.1000	150	240	-31.72	-13.00	18.72	Pass	Horizontal
10	7402.8000	150	207	-44.71	-13.00	31.71	Pass	Horizontal
11	9253.8127	150	207	-39.92	-13.00	26.92	Pass	Horizontal
12	14452.3226	150	273	-38.85	-13.00	25.85	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	18607
Remark:	1.4M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	92.0924	150	268	-42.35	-13.00	29.35	Pass	Vertical
2	135.9452	150	211	-34.86	-13.00	21.86	Pass	Vertical
3	170.0960	150	40	-41.43	-13.00	28.43	Pass	Vertical
4	221.1282	150	40	-43.11	-13.00	30.11	Pass	Vertical
5	260.1300	150	328	-43.73	-13.00	30.73	Pass	Vertical
6	307.8636	150	152	-41.91	-13.00	28.91	Pass	Vertical
7	1319.8320	150	56	-52.04	-13.00	39.04	Pass	Vertical
8	3701.4000	150	174	-41.04	-13.00	28.04	Pass	Vertical
9	5552.1000	150	336	-32.65	-13.00	19.65	Pass	Vertical
10	7402.8000	150	174	-38.75	-13.00	25.75	Pass	Vertical
11	9252.3126	150	174	-41.23	-13.00	28.23	Pass	Vertical
12	15563.8782	150	174	-39.07	-13.00	26.07	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	18615
Remark:	3M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	92.0924	150	171	-39.84	-13.00	26.84	Pass	Horizontal
2	136.7213	150	150	-31.06	-13.00	18.06	Pass	Horizontal
3	184.2609	150	2	-40.60	-13.00	27.60	Pass	Horizontal
4	260.5181	150	132	-35.79	-13.00	22.79	Pass	Horizontal
5	307.2815	150	228	-37.19	-13.00	24.19	Pass	Horizontal
6	356.1792	150	171	-37.06	-13.00	24.06	Pass	Horizontal
7	1307.6308	150	326	-52.33	-13.00	39.33	Pass	Horizontal
8	3703.0000	150	336	-45.34	-13.00	32.34	Pass	Horizontal
9	5554.5000	150	240	-41.57	-13.00	28.57	Pass	Horizontal
10	7406.0000	150	336	-46.66	-13.00	33.66	Pass	Horizontal
11	9750.3375	150	207	-42.59	-13.00	29.59	Pass	Horizontal
12	14641.3321	150	73	-39.50	-13.00	26.50	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	18615
Remark:	3M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	110.7201	150	179	-43.86	-13.00	30.86	Pass	Vertical
2	135.9452	150	179	-35.91	-13.00	22.91	Pass	Vertical
3	184.2609	150	315	-41.16	-13.00	28.16	Pass	Vertical
4	262.6525	150	294	-45.30	-13.00	32.30	Pass	Vertical
5	311.3563	150	315	-42.08	-13.00	29.08	Pass	Vertical
6	361.2242	150	88	-45.39	-13.00	32.39	Pass	Vertical
7	1307.2307	150	315	-52.02	-13.00	39.02	Pass	Vertical
8	3703.0000	150	216	-44.97	-13.00	31.97	Pass	Vertical
9	5554.5000	150	216	-41.14	-13.00	28.14	Pass	Vertical
10	7406.0000	150	216	-43.64	-13.00	30.64	Pass	Vertical
11	11481.4241	150	216	-40.94	-13.00	27.94	Pass	Vertical
12	15095.8548	150	166	-38.96	-13.00	25.96	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	18625
Remark:	5M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	136.5273	150	293	-37.15	-13.00	24.15	Pass	Horizontal
2	184.2609	150	0	-38.40	-13.00	25.40	Pass	Horizontal
3	227.7255	150	223	-40.94	-13.00	27.94	Pass	Horizontal
4	261.1002	150	130	-37.31	-13.00	24.31	Pass	Horizontal
5	312.3265	150	336	-41.15	-13.00	28.15	Pass	Horizontal
6	357.7315	150	182	-40.41	-13.00	27.41	Pass	Horizontal
7	1303.2303	150	130	-52.44	-13.00	39.44	Pass	Horizontal
8	3705.0000	150	359	-45.74	-13.00	32.74	Pass	Horizontal
9	5557.5000	150	262	-41.83	-13.00	28.83	Pass	Horizontal
10	7410.0000	150	262	-47.04	-13.00	34.04	Pass	Horizontal
11	10925.6463	150	334	-41.96	-13.00	28.96	Pass	Horizontal
12	15062.8531	150	27	-38.66	-13.00	25.66	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	18625
Remark:	5M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	92.0924	150	359	-49.27	-13.00	36.27	Pass	Vertical
2	127.4075	150	144	-36.46	-13.00	23.46	Pass	Vertical
3	177.4695	150	287	-41.22	-13.00	28.22	Pass	Vertical
4	207.1574	150	244	-43.41	-13.00	30.41	Pass	Vertical
5	263.4287	150	359	-46.27	-13.00	33.27	Pass	Vertical
6	310.3861	150	264	-44.46	-13.00	31.46	Pass	Vertical
7	1371.8372	150	305	-51.73	-13.00	38.73	Pass	Vertical
8	3705.0000	150	356	-44.37	-13.00	31.37	Pass	Vertical
9	5557.5000	150	356	-42.83	-13.00	29.83	Pass	Vertical
10	7410.0000	150	356	-47.83	-13.00	34.83	Pass	Vertical
11	10255.1128	150	92	-41.93	-13.00	28.93	Pass	Vertical
12	13995.5498	150	6	-38.97	-13.00	25.97	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	18650
Remark:	10M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	135.1690	150	262	-30.45	-13.00	17.45	Pass	Horizontal
2	165.4391	150	262	-36.24	-13.00	23.24	Pass	Horizontal
3	226.1732	150	243	-38.86	-13.00	25.86	Pass	Horizontal
4	261.8764	150	125	-34.46	-13.00	21.46	Pass	Horizontal
5	312.1324	150	145	-36.64	-13.00	23.64	Pass	Horizontal
6	361.4183	150	193	-38.07	-13.00	25.07	Pass	Horizontal
7	1305.6306	150	90	-47.92	-13.00	34.92	Pass	Horizontal
8	2766.5767	150	262	-48.13	-13.00	35.13	Pass	Horizontal
9	3710.0000	150	359	-48.12	-13.00	35.12	Pass	Horizontal
10	5565.0000	150	260	-44.57	-13.00	31.57	Pass	Horizontal
11	7420.0000	150	226	-49.64	-13.00	36.64	Pass	Horizontal
12	15069.6035	150	226	-38.52	-13.00	25.52	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	18650
Remark:	10M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	92.0924	150	220	-40.75	-13.00	27.75	Pass	Vertical
2	136.7213	150	201	-32.67	-13.00	19.67	Pass	Vertical
3	184.4549	150	244	-42.74	-13.00	29.74	Pass	Vertical
4	204.0528	150	244	-42.08	-13.00	29.08	Pass	Vertical
5	311.3563	150	244	-42.20	-13.00	29.20	Pass	Vertical
6	361.0302	150	66	-45.48	-13.00	32.48	Pass	Vertical
7	1313.6314	150	244	-52.26	-13.00	39.26	Pass	Vertical
8	3710.0000	150	192	-46.52	-13.00	33.52	Pass	Vertical
9	5565.0000	150	192	-41.45	-13.00	28.45	Pass	Vertical
10	7420.0000	150	192	-46.28	-13.00	33.28	Pass	Vertical
11	11015.6508	150	115	-42.21	-13.00	29.21	Pass	Vertical
12	14942.0971	150	43	-39.51	-13.00	26.51	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	18675
Remark:	15M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	92.0924	150	124	-37.61	-13.00	24.61	Pass	Horizontal
2	136.7213	150	155	-30.69	-13.00	17.69	Pass	Horizontal
3	184.2609	150	342	-37.27	-13.00	24.27	Pass	Horizontal
4	263.0406	150	100	-33.74	-13.00	20.74	Pass	Horizontal
5	307.6695	150	212	-36.79	-13.00	23.79	Pass	Horizontal
6	362.9706	150	188	-37.47	-13.00	24.47	Pass	Horizontal
7	1274.8275	150	342	-49.53	-13.00	36.53	Pass	Horizontal
8	3715.0000	150	360	-46.92	-13.00	33.92	Pass	Horizontal
9	5572.5000	150	293	-45.42	-13.00	32.42	Pass	Horizontal
10	7430.0000	150	293	-46.15	-13.00	33.15	Pass	Horizontal
11	10305.3653	150	116	-41.41	-13.00	28.41	Pass	Horizontal
12	14435.8218	150	223	-37.83	-13.00	24.83	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	18675
Remark:	15M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	92.0924	150	290	-43.77	-13.00	30.77	Pass	Vertical
2	135.1690	150	106	-32.63	-13.00	19.63	Pass	Vertical
3	165.0510	150	171	-40.38	-13.00	27.38	Pass	Vertical
4	204.6349	150	196	-42.22	-13.00	29.22	Pass	Vertical
5	262.8466	150	290	-44.58	-13.00	31.58	Pass	Vertical
6	308.4457	150	270	-43.65	-13.00	30.65	Pass	Vertical
7	1321.0321	150	357	-50.59	-13.00	37.59	Pass	Vertical
8	3715.0000	150	141	-47.81	-13.00	34.81	Pass	Vertical
9	5572.5000	150	141	-45.36	-13.00	32.36	Pass	Vertical
10	7430.0000	150	141	-47.65	-13.00	34.65	Pass	Vertical
11	10135.8568	150	141	-41.17	-13.00	28.17	Pass	Vertical
12	14916.5958	150	141	-37.88	-13.00	24.88	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	18700
Remark:	20M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	135.1690	150	313	-27.55	-13.00	14.55	Pass	Horizontal
2	165.8272	150	275	-35.60	-13.00	22.60	Pass	Horizontal
3	183.4847	150	355	-39.16	-13.00	26.16	Pass	Horizontal
4	226.7554	150	245	-40.34	-13.00	27.34	Pass	Horizontal
5	260.1300	150	106	-37.08	-13.00	24.08	Pass	Horizontal
6	310.1920	150	313	-39.39	-13.00	26.39	Pass	Horizontal
7	1275.0275	150	313	-50.65	-13.00	37.65	Pass	Horizontal
8	3720.0000	150	62	-46.54	-13.00	33.54	Pass	Horizontal
9	5580.0000	150	62	-44.84	-13.00	31.84	Pass	Horizontal
10	7440.0000	150	201	-48.06	-13.00	35.06	Pass	Horizontal
11	10678.8839	150	353	-41.79	-13.00	28.79	Pass	Horizontal
12	14397.5699	150	281	-38.28	-13.00	25.28	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	18700
Remark:	20M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	110.5261	150	221	-39.98	-13.00	26.98	Pass	Vertical
2	136.9154	150	189	-31.76	-13.00	18.76	Pass	Vertical
3	183.6787	150	306	-40.98	-13.00	27.98	Pass	Vertical
4	220.9342	150	189	-45.58	-13.00	32.58	Pass	Vertical
5	309.4159	150	241	-42.96	-13.00	29.96	Pass	Vertical
6	356.3733	150	70	-45.57	-13.00	32.57	Pass	Vertical
7	1402.0402	150	326	-50.77	-13.00	37.77	Pass	Vertical
8	3720.0000	150	34	-44.47	-13.00	31.47	Pass	Vertical
9	5580.0000	150	34	-47.90	-13.00	34.90	Pass	Vertical
10	7440.0000	150	2	-45.57	-13.00	32.57	Pass	Vertical
11	10144.8572	150	192	-41.70	-13.00	28.70	Pass	Vertical
12	15032.8516	150	192	-38.99	-13.00	25.99	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	19193
Remark:	1.4M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	133.4227	150	141	-37.83	-13.00	24.83	Pass	Horizontal
2	182.3205	150	0	-40.14	-13.00	27.14	Pass	Horizontal
3	228.6957	150	59	-39.32	-13.00	26.32	Pass	Horizontal
4	258.3837	150	77	-38.22	-13.00	25.22	Pass	Horizontal
5	312.3265	150	59	-41.31	-13.00	28.31	Pass	Horizontal
6	357.5375	150	181	-42.87	-13.00	29.87	Pass	Horizontal
7	1381.0381	150	208	-52.27	-13.00	39.27	Pass	Horizontal
8	3818.6000	150	165	-43.69	-13.00	30.69	Pass	Horizontal
9	5727.9000	150	232	-45.65	-13.00	32.65	Pass	Horizontal
10	7637.2000	150	165	-48.28	-13.00	35.28	Pass	Horizontal
11	10212.3606	150	60	-41.21	-13.00	28.21	Pass	Horizontal
12	14405.0703	150	265	-38.78	-13.00	25.78	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	19193
Remark:	1.4M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	121.7804	150	260	-42.63	-13.00	29.63	Pass	Vertical
2	131.6763	150	160	-36.33	-13.00	23.33	Pass	Vertical
3	165.8272	150	178	-40.62	-13.00	27.62	Pass	Vertical
4	203.4707	150	239	-43.19	-13.00	30.19	Pass	Vertical
5	260.7121	150	300	-44.65	-13.00	31.65	Pass	Vertical
6	310.7742	150	260	-43.57	-13.00	30.57	Pass	Vertical
7	1292.6293	150	358	-52.33	-13.00	39.33	Pass	Vertical
8	3818.6000	150	159	-44.05	-13.00	31.05	Pass	Vertical
9	5727.9000	150	25	-46.60	-13.00	33.60	Pass	Vertical
10	7637.2000	150	159	-48.63	-13.00	35.63	Pass	Vertical
11	10607.6304	150	261	-41.53	-13.00	28.53	Pass	Vertical
12	14289.5645	150	193	-39.35	-13.00	26.35	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	19185
Remark:	3M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	135.1690	150	326	-29.76	-13.00	16.76	Pass	Horizontal
2	165.2450	150	113	-37.36	-13.00	24.36	Pass	Horizontal
3	221.3223	150	73	-37.49	-13.00	24.49	Pass	Horizontal
4	261.2943	150	113	-34.94	-13.00	21.94	Pass	Horizontal
5	311.1622	150	326	-37.14	-13.00	24.14	Pass	Horizontal
6	357.1494	150	113	-41.94	-13.00	28.94	Pass	Horizontal
7	1555.2555	150	359	-49.43	-13.00	36.43	Pass	Horizontal
8	3817.0000	150	359	-39.75	-13.00	26.75	Pass	Horizontal
9	5725.5000	150	264	-44.69	-13.00	31.69	Pass	Horizontal
10	7634.0000	150	264	-47.79	-13.00	34.79	Pass	Horizontal
11	11530.9265	150	336	-41.38	-13.00	28.38	Pass	Horizontal
12	14343.5672	150	230	-39.04	-13.00	26.04	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	19185
Remark:	3M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	103.3467	150	263	-43.15	-13.00	30.15	Pass	Vertical
2	137.1094	150	173	-38.71	-13.00	25.71	Pass	Vertical
3	179.2158	150	263	-43.55	-13.00	30.55	Pass	Vertical
4	215.6951	150	112	-43.73	-13.00	30.73	Pass	Vertical
5	312.1324	150	91	-44.76	-13.00	31.76	Pass	Vertical
6	357.3435	150	73	-47.41	-13.00	34.41	Pass	Vertical
7	1386.2386	150	303	-52.74	-13.00	39.74	Pass	Vertical
8	3817.0000	150	354	-41.13	-13.00	28.13	Pass	Vertical
9	5725.5000	150	354	-43.26	-13.00	30.26	Pass	Vertical
10	7634.0000	150	354	-47.24	-13.00	34.24	Pass	Vertical
11	11518.1759	150	162	-41.52	-13.00	28.52	Pass	Vertical
12	15570.6285	150	2	-38.94	-13.00	25.94	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	19175
Remark:	5M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	139.4379	150	292	-38.62	-13.00	25.62	Pass	Horizontal
2	184.4549	150	343	-40.22	-13.00	27.22	Pass	Horizontal
3	208.7097	150	249	-41.50	-13.00	28.50	Pass	Horizontal
4	258.3837	150	90	-40.23	-13.00	27.23	Pass	Horizontal
5	312.5205	150	343	-40.43	-13.00	27.43	Pass	Horizontal
6	352.1044	150	182	-43.46	-13.00	30.46	Pass	Horizontal
7	1301.6302	150	249	-51.91	-13.00	38.91	Pass	Horizontal
8	3815.0000	150	34	-46.38	-13.00	33.38	Pass	Horizontal
9	5722.5000	150	214	-47.00	-13.00	34.00	Pass	Horizontal
10	7630.0000	150	287	-47.37	-13.00	34.37	Pass	Horizontal
11	9764.5882	150	354	-42.03	-13.00	29.03	Pass	Horizontal
12	15294.6147	150	143	-40.41	-13.00	27.41	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	19175
Remark:	5M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	134.0048	150	252	-38.32	-13.00	25.32	Pass	Vertical
2	183.2907	150	18	-39.64	-13.00	26.64	Pass	Vertical
3	205.6051	150	252	-42.40	-13.00	29.40	Pass	Vertical
4	260.9062	150	293	-46.03	-13.00	33.03	Pass	Vertical
5	311.5503	150	275	-44.31	-13.00	31.31	Pass	Vertical
6	358.1196	150	208	-49.69	-13.00	36.69	Pass	Vertical
7	1439.6440	150	150	-51.25	-13.00	38.25	Pass	Vertical
8	3815.0000	150	5	-43.06	-13.00	30.06	Pass	Vertical
9	5722.5000	150	99	-45.20	-13.00	32.20	Pass	Vertical
10	7630.0000	150	173	-48.09	-13.00	35.09	Pass	Vertical
11	8872.0436	150	173	-43.08	-13.00	30.08	Pass	Vertical
12	15561.6281	150	134	-40.17	-13.00	27.17	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	19150
Remark:	10M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	133.8108	150	131	-38.05	-13.00	25.05	Pass	Horizontal
2	179.0218	150	343	-40.02	-13.00	27.02	Pass	Horizontal
3	216.8594	150	225	-40.31	-13.00	27.31	Pass	Horizontal
4	261.8764	150	90	-38.39	-13.00	25.39	Pass	Horizontal
5	310.3861	150	343	-39.87	-13.00	26.87	Pass	Horizontal
6	362.3885	150	182	-42.36	-13.00	29.36	Pass	Horizontal
7	1265.8266	150	34	-51.66	-13.00	38.66	Pass	Horizontal
8	3810.0000	150	4	-44.12	-13.00	31.12	Pass	Horizontal
9	5715.0000	150	287	-46.70	-13.00	33.70	Pass	Horizontal
10	7620.0000	150	143	-47.85	-13.00	34.85	Pass	Horizontal
11	11704.9352	150	320	-41.37	-13.00	28.37	Pass	Horizontal
12	14538.5769	150	180	-39.44	-13.00	26.44	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	19150
Remark:	10M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	92.6745	150	253	-44.05	-13.00	31.05	Pass	Vertical
2	133.2286	150	105	-38.22	-13.00	25.22	Pass	Vertical
3	184.2609	150	289	-40.44	-13.00	27.44	Pass	Vertical
4	223.4567	150	168	-43.82	-13.00	30.82	Pass	Vertical
5	311.9384	150	253	-44.95	-13.00	31.95	Pass	Vertical
6	360.8362	150	87	-48.10	-13.00	35.10	Pass	Vertical
7	1355.6356	150	87	-52.26	-13.00	39.26	Pass	Vertical
8	3810.0000	150	2	-44.18	-13.00	31.18	Pass	Vertical
9	5715.0000	150	309	-47.05	-13.00	34.05	Pass	Vertical
10	7620.0000	150	2	-48.19	-13.00	35.19	Pass	Vertical
11	9268.0634	150	163	-42.11	-13.00	29.11	Pass	Vertical
12	16157.9079	150	309	-39.28	-13.00	26.28	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	19125
Remark:	15M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	136.3333	150	293	-33.72	-13.00	20.72	Pass	Horizontal
2	169.9020	150	202	-35.63	-13.00	22.63	Pass	Horizontal
3	221.5163	150	75	-38.19	-13.00	25.19	Pass	Horizontal
4	260.1300	150	94	-34.70	-13.00	21.70	Pass	Horizontal
5	309.9980	150	221	-36.35	-13.00	23.35	Pass	Horizontal
6	356.7614	150	181	-39.33	-13.00	26.33	Pass	Horizontal
7	1298.6299	150	202	-52.15	-13.00	39.15	Pass	Horizontal
8	3805.0000	150	349	-45.92	-13.00	32.92	Pass	Horizontal
9	5707.5000	150	314	-48.10	-13.00	35.10	Pass	Horizontal
10	7610.0000	150	314	-46.60	-13.00	33.60	Pass	Horizontal
11	10199.6100	150	279	-41.70	-13.00	28.70	Pass	Horizontal
12	14924.8462	150	206	-39.37	-13.00	26.37	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	19125
Remark:	15M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	116.7353	150	232	-42.56	-13.00	29.56	Pass	Vertical
2	133.6167	150	252	-39.00	-13.00	26.00	Pass	Vertical
3	147.1994	150	189	-38.58	-13.00	25.58	Pass	Vertical
4	184.2609	150	293	-41.96	-13.00	28.96	Pass	Vertical
5	204.4409	150	232	-41.07	-13.00	28.07	Pass	Vertical
6	310.1920	150	252	-43.71	-13.00	30.71	Pass	Vertical
7	1372.8373	150	110	-51.82	-13.00	38.82	Pass	Vertical
8	3800.0000	150	349	-43.35	-13.00	30.35	Pass	Vertical
9	5700.0000	150	173	-48.55	-13.00	35.55	Pass	Vertical
10	7600.0000	150	34	-49.64	-13.00	36.64	Pass	Vertical
11	8921.5461	150	173	-43.01	-13.00	30.01	Pass	Vertical
12	14393.8197	150	173	-39.17	-13.00	26.17	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	19100
Remark:	20M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	139.6319	150	259	-37.00	-13.00	24.00	Pass	Horizontal
2	165.4391	150	284	-36.32	-13.00	23.32	Pass	Horizontal
3	207.9336	150	240	-37.96	-13.00	24.96	Pass	Horizontal
4	261.8764	150	97	-38.95	-13.00	25.95	Pass	Horizontal
5	310.5801	150	215	-37.59	-13.00	24.59	Pass	Horizontal
6	357.7315	150	175	-41.51	-13.00	28.51	Pass	Horizontal
7	1307.2307	150	58	-52.46	-13.00	39.46	Pass	Horizontal
8	3800.0000	150	360	-44.85	-13.00	31.85	Pass	Horizontal
9	5700.0000	150	310	-46.20	-13.00	33.20	Pass	Horizontal
10	7600.0000	150	103	-48.67	-13.00	35.67	Pass	Horizontal
11	9328.0664	150	136	-42.23	-13.00	29.23	Pass	Horizontal
12	14109.5555	150	206	-38.70	-13.00	25.70	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	19100
Remark:	20M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	133.2286	150	154	-36.46	-13.00	23.46	Pass	Vertical
2	143.1246	150	154	-34.60	-13.00	21.60	Pass	Vertical
3	184.4549	150	282	-40.32	-13.00	27.32	Pass	Vertical
4	220.9342	150	92	-44.18	-13.00	31.18	Pass	Vertical
5	311.5503	150	250	-43.08	-13.00	30.08	Pass	Vertical
6	357.5375	150	92	-46.90	-13.00	33.90	Pass	Vertical
7	1313.4313	150	282	-51.65	-13.00	38.65	Pass	Vertical
8	3800.0000	150	136	-44.30	-13.00	31.30	Pass	Vertical
9	5700.0000	150	248	-45.29	-13.00	32.29	Pass	Vertical
10	7600.0000	150	168	-49.30	-13.00	36.30	Pass	Vertical
11	10251.3626	150	136	-42.03	-13.00	29.03	Pass	Vertical
12	14027.0514	150	136	-39.29	-13.00	26.29	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	18900
Remark:	1.4M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	91.8984	150	150	-40.46	-13.00	27.46	Pass	Horizontal
2	136.5273	150	160	-32.91	-13.00	19.91	Pass	Horizontal
3	176.1112	150	188	-36.44	-13.00	23.44	Pass	Horizontal
4	262.6525	150	245	-34.56	-13.00	21.56	Pass	Horizontal
5	307.2815	150	225	-35.94	-13.00	22.94	Pass	Horizontal
6	360.6421	150	188	-39.39	-13.00	26.39	Pass	Horizontal
7	1516.4516	150	329	-49.83	-13.00	36.83	Pass	Horizontal
8	3760.0000	150	299	-45.43	-13.00	32.43	Pass	Horizontal
9	5640.0000	150	175	-41.75	-13.00	28.75	Pass	Horizontal
10	7520.0000	150	192	-46.05	-13.00	33.05	Pass	Horizontal
11	10219.8610	150	6	-42.08	-13.00	29.08	Pass	Horizontal
12	15161.1081	150	6	-38.57	-13.00	25.57	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	18900
Remark:	1.4M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	92.0924	150	264	-44.29	-13.00	31.29	Pass	Vertical
2	136.5273	150	199	-34.47	-13.00	21.47	Pass	Vertical
3	175.9172	150	21	-40.28	-13.00	27.28	Pass	Vertical
4	262.6525	150	312	-39.88	-13.00	26.88	Pass	Vertical
5	307.4755	150	151	-39.36	-13.00	26.36	Pass	Vertical
6	360.4481	150	96	-44.31	-13.00	31.31	Pass	Vertical
7	1306.2306	150	350	-51.86	-13.00	38.86	Pass	Vertical
8	3760.0000	150	316	-50.17	-13.00	37.17	Pass	Vertical
9	5640.0000	150	316	-47.70	-13.00	34.70	Pass	Vertical
10	7520.0000	150	237	-47.76	-13.00	34.76	Pass	Vertical
11	10211.6106	150	254	-41.35	-13.00	28.35	Pass	Vertical
12	15534.6267	150	7	-39.34	-13.00	26.34	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	18900
Remark:	3M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	136.5273	150	156	-32.61	-13.00	19.61	Pass	Horizontal
2	175.9172	150	185	-37.11	-13.00	24.11	Pass	Horizontal
3	225.7852	150	84	-37.43	-13.00	24.43	Pass	Horizontal
4	262.6525	150	129	-34.07	-13.00	21.07	Pass	Horizontal
5	307.4755	150	227	-35.88	-13.00	22.88	Pass	Horizontal
6	359.4779	150	198	-38.56	-13.00	25.56	Pass	Horizontal
7	1259.4259	150	342	-50.05	-13.00	37.05	Pass	Horizontal
8	3760.0000	150	226	-46.37	-13.00	33.37	Pass	Horizontal
9	5640.0000	150	179	-42.39	-13.00	29.39	Pass	Horizontal
10	7520.0000	150	247	-46.34	-13.00	33.34	Pass	Horizontal
11	10603.8802	150	108	-41.99	-13.00	28.99	Pass	Horizontal
12	14557.3279	150	40	-38.84	-13.00	25.84	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	18900
Remark:	3M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	91.8984	150	240	-44.02	-13.00	31.02	Pass	Vertical
2	136.5273	150	198	-34.52	-13.00	21.52	Pass	Vertical
3	175.9172	150	28	-40.22	-13.00	27.22	Pass	Vertical
4	262.6525	150	326	-40.51	-13.00	27.51	Pass	Vertical
5	307.2815	150	171	-40.26	-13.00	27.26	Pass	Vertical
6	359.4779	150	84	-45.25	-13.00	32.25	Pass	Vertical
7	1302.8303	150	360	-52.15	-13.00	39.15	Pass	Vertical
8	3760.0000	150	340	-48.93	-13.00	35.93	Pass	Vertical
9	5640.0000	150	271	-46.23	-13.00	33.23	Pass	Vertical
10	7520.0000	150	271	-47.60	-13.00	34.60	Pass	Vertical
11	10185.3593	150	340	-41.83	-13.00	28.83	Pass	Vertical
12	14391.5696	150	179	-38.75	-13.00	25.75	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	18900
Remark:	5M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	91.8984	150	155	-40.23	-13.00	27.23	Pass	Horizontal
2	136.7213	150	169	-33.09	-13.00	20.09	Pass	Horizontal
3	176.1112	150	184	-37.84	-13.00	24.84	Pass	Horizontal
4	268.0856	150	142	-34.23	-13.00	21.23	Pass	Horizontal
5	307.4755	150	226	-35.95	-13.00	22.95	Pass	Horizontal
6	360.0600	150	198	-37.45	-13.00	24.45	Pass	Horizontal
7	1356.2356	150	70	-52.45	-13.00	39.45	Pass	Horizontal
8	3760.0000	150	339	-46.05	-13.00	33.05	Pass	Horizontal
9	5640.0000	150	318	-46.44	-13.00	33.44	Pass	Horizontal
10	7520.0000	150	285	-47.07	-13.00	34.07	Pass	Horizontal
11	11174.6587	150	214	-41.95	-13.00	28.95	Pass	Horizontal
12	14418.5709	150	260	-39.46	-13.00	26.46	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	18900
Remark:	5M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	91.8984	150	240	-44.12	-13.00	31.12	Pass	Vertical
2	136.7213	150	184	-34.87	-13.00	21.87	Pass	Vertical
3	176.1112	150	41	-40.44	-13.00	27.44	Pass	Vertical
4	207.7395	150	198	-44.26	-13.00	31.26	Pass	Vertical
5	264.2048	150	326	-41.02	-13.00	28.02	Pass	Vertical
6	307.4755	150	142	-40.68	-13.00	27.68	Pass	Vertical
7	1517.2517	150	41	-52.25	-13.00	39.25	Pass	Vertical
8	3760.0000	150	293	-48.90	-13.00	35.90	Pass	Vertical
9	5640.0000	150	318	-46.65	-13.00	33.65	Pass	Vertical
10	7520.0000	150	247	-47.04	-13.00	34.04	Pass	Vertical
11	11535.4268	150	15	-41.96	-13.00	28.96	Pass	Vertical
12	14211.5606	150	154	-38.43	-13.00	25.43	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	18900
Remark:	10M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	136.7213	150	167	-32.59	-13.00	19.59	Pass	Horizontal
2	176.1112	150	196	-37.49	-13.00	24.49	Pass	Horizontal
3	228.6957	150	239	-38.36	-13.00	25.36	Pass	Horizontal
4	265.5631	150	138	-34.16	-13.00	21.16	Pass	Horizontal
5	307.6695	150	224	-36.40	-13.00	23.40	Pass	Horizontal
6	360.0600	150	196	-38.44	-13.00	25.44	Pass	Horizontal
7	1321.8322	150	352	-52.79	-13.00	39.79	Pass	Horizontal
8	2860.5861	150	252	-48.43	-13.00	35.43	Pass	Horizontal
9	3760.0000	150	340	-46.93	-13.00	33.93	Pass	Horizontal
10	5640.0000	150	318	-44.61	-13.00	31.61	Pass	Horizontal
11	7520.0000	150	154	-47.33	-13.00	34.33	Pass	Horizontal
12	14398.3199	150	86	-38.95	-13.00	25.95	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	18900
Remark:	10M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	92.0924	150	255	-43.94	-13.00	30.94	Pass	Vertical
2	136.7213	150	199	-34.41	-13.00	21.41	Pass	Vertical
3	176.1112	150	28	-40.76	-13.00	27.76	Pass	Vertical
4	262.8466	150	355	-39.95	-13.00	26.95	Pass	Vertical
5	307.8636	150	142	-41.35	-13.00	28.35	Pass	Vertical
6	361.4183	150	70	-45.17	-13.00	32.17	Pass	Vertical
7	1355.6356	150	14	-52.32	-13.00	39.32	Pass	Vertical
8	3760.0000	150	293	-49.46	-13.00	36.46	Pass	Vertical
9	5640.0000	150	293	-46.63	-13.00	33.63	Pass	Vertical
10	7520.0000	150	10	-47.10	-13.00	34.10	Pass	Vertical
11	10238.6119	150	10	-42.28	-13.00	29.28	Pass	Vertical
12	13687.2844	150	200	-39.40	-13.00	26.40	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	18900
Remark:	15M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	92.0924	150	156	-40.27	-13.00	27.27	Pass	Horizontal
2	141.9604	150	156	-32.90	-13.00	19.90	Pass	Horizontal
3	176.1112	150	198	-37.56	-13.00	24.56	Pass	Horizontal
4	268.0856	150	142	-34.19	-13.00	21.19	Pass	Horizontal
5	294.2809	150	126	-37.19	-13.00	24.19	Pass	Horizontal
6	357.9256	150	198	-38.98	-13.00	25.98	Pass	Horizontal
7	1532.0532	150	326	-49.55	-13.00	36.55	Pass	Horizontal
8	3760.0000	150	156	-46.98	-13.00	33.98	Pass	Horizontal
9	5640.0000	150	42	-48.19	-13.00	35.19	Pass	Horizontal
10	7520.0000	150	248	-48.05	-13.00	35.05	Pass	Horizontal
11	10300.1150	150	294	-41.47	-13.00	28.47	Pass	Horizontal
12	14897.0949	150	272	-39.17	-13.00	26.17	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	18900
Remark:	15M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	92.0924	150	240	-43.85	-13.00	30.85	Pass	Vertical
2	136.7213	150	197	-34.96	-13.00	21.96	Pass	Vertical
3	181.3503	150	41	-40.48	-13.00	27.48	Pass	Vertical
4	262.8466	150	325	-41.23	-13.00	28.23	Pass	Vertical
5	307.8636	150	155	-39.81	-13.00	26.81	Pass	Vertical
6	360.4481	150	84	-45.28	-13.00	32.28	Pass	Vertical
7	1258.2258	150	126	-52.38	-13.00	39.38	Pass	Vertical
8	3760.0000	150	272	-47.53	-13.00	34.53	Pass	Vertical
9	5640.0000	150	133	-47.59	-13.00	34.59	Pass	Vertical
10	7520.0000	150	247	-47.35	-13.00	34.35	Pass	Vertical
11	10165.8583	150	200	-42.02	-13.00	29.02	Pass	Vertical
12	14167.3084	150	154	-38.85	-13.00	25.85	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	18900
Remark:	20M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	91.8984	150	156	-40.75	-13.00	27.75	Pass	Horizontal
2	136.5273	150	156	-32.61	-13.00	19.61	Pass	Horizontal
3	175.9172	150	185	-37.11	-13.00	24.11	Pass	Horizontal
4	262.6525	150	129	-34.07	-13.00	21.07	Pass	Horizontal
5	307.4755	150	227	-35.88	-13.00	22.88	Pass	Horizontal
6	359.4779	150	198	-38.56	-13.00	25.56	Pass	Horizontal
7	1259.4259	150	342	-50.05	-13.00	37.05	Pass	Horizontal
8	3760.0000	150	226	-44.18	-13.00	31.18	Pass	Horizontal
9	5640.0000	150	179	-42.39	-13.00	29.39	Pass	Horizontal
10	7520.0000	150	247	-47.51	-13.00	34.51	Pass	Horizontal
11	10603.8802	150	108	-41.99	-13.00	28.99	Pass	Horizontal
12	14557.3279	150	40	-38.84	-13.00	25.84	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	18900
Remark:	20M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	91.8984	150	240	-43.42	-13.00	30.42	Pass	Vertical
2	136.7213	150	184	-34.17	-13.00	21.17	Pass	Vertical
3	176.1112	150	41	-39.74	-13.00	26.74	Pass	Vertical
4	264.2048	150	326	-40.32	-13.00	27.32	Pass	Vertical
5	307.4755	150	142	-39.98	-13.00	26.98	Pass	Vertical
6	360.0600	150	84	-44.17	-13.00	31.17	Pass	Vertical
7	3760.0000	150	293	-46.43	-13.00	33.43	Pass	Vertical
8	5640.0000	150	318	-47.21	-13.00	34.21	Pass	Vertical
9	7520.0000	150	247	-48.32	-13.00	35.32	Pass	Vertical
10	11202.4101	150	340	-41.34	-13.00	28.34	Pass	Vertical
11	14211.5606	150	154	-37.73	-13.00	24.73	Pass	Vertical

16QAM

Mode:	LTE Traffic		
Band:	2	Channel:	18607
Remark:	1.4M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	235	-63.76	-13.00	50.76	Pass	Horizontal
2	91.8984	150	150	-40.46	-13.00	27.46	Pass	Horizontal
3	136.5273	150	160	-32.91	-13.00	19.91	Pass	Horizontal
4	262.6525	150	245	-34.56	-13.00	21.56	Pass	Horizontal
5	360.6421	150	188	-39.39	-13.00	26.39	Pass	Horizontal
6	638.3117	150	103	-50.87	-13.00	37.87	Pass	Horizontal
7	1516.4516	150	329	-49.83	-13.00	36.83	Pass	Horizontal
8	2963.9964	150	48	-48.34	-13.00	35.34	Pass	Horizontal
9	3701.4000	150	223	-45.07	-13.00	32.07	Pass	Horizontal
10	5552.1000	150	206	-40.79	-13.00	27.79	Pass	Horizontal
11	8102.5051	150	254	-43.98	-13.00	30.98	Pass	Horizontal
12	15161.1081	150	6	-38.57	-13.00	25.57	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	18607
Remark:	1.4M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	171	-56.17	-13.00	43.17	Pass	Vertical
2	78.7037	150	237	-56.59	-13.00	43.59	Pass	Vertical
3	136.5273	150	199	-34.47	-13.00	21.47	Pass	Vertical
4	189.1118	150	227	-42.98	-13.00	29.98	Pass	Vertical
5	308.0576	150	142	-41.21	-13.00	28.21	Pass	Vertical
6	404.3009	150	274	-53.72	-13.00	40.72	Pass	Vertical
7	1306.2306	150	350	-51.86	-13.00	38.86	Pass	Vertical
8	2963.7964	150	151	-46.95	-13.00	33.95	Pass	Vertical
9	3701.4000	150	316	-46.23	-13.00	33.23	Pass	Vertical
10	5552.1000	150	316	-44.73	-13.00	31.73	Pass	Vertical
11	9226.8113	150	330	-41.94	-13.00	28.94	Pass	Vertical
12	13964.0482	150	344	-38.20	-13.00	25.20	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	18615
Remark:	3M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	235	-63.76	-13.00	50.76	Pass	Horizontal
2	91.8984	150	150	-40.46	-13.00	27.46	Pass	Horizontal
3	136.5273	150	160	-32.91	-13.00	19.91	Pass	Horizontal
4	176.1112	150	188	-36.44	-13.00	23.44	Pass	Horizontal
5	262.6525	150	245	-34.56	-13.00	21.56	Pass	Horizontal
6	638.3117	150	103	-50.87	-13.00	37.87	Pass	Horizontal
7	1516.4516	150	329	-49.83	-13.00	36.83	Pass	Horizontal
8	2963.9964	150	48	-48.34	-13.00	35.34	Pass	Horizontal
9	3703.0000	150	223	-45.07	-13.00	32.07	Pass	Horizontal
10	5554.5000	150	206	-40.79	-13.00	27.79	Pass	Horizontal
11	9684.3342	150	51	-42.16	-13.00	29.16	Pass	Horizontal
12	13698.5349	150	359	-38.96	-13.00	25.96	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	18615
Remark:	3M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	171	-56.17	-13.00	43.17	Pass	Vertical
2	92.0924	150	264	-44.29	-13.00	31.29	Pass	Vertical
3	136.5273	150	199	-34.47	-13.00	21.47	Pass	Vertical
4	175.9172	150	21	-40.28	-13.00	27.28	Pass	Vertical
5	307.4755	150	151	-39.36	-13.00	26.36	Pass	Vertical
6	720.0020	150	199	-52.13	-13.00	39.13	Pass	Vertical
7	1306.2306	150	350	-51.86	-13.00	38.86	Pass	Vertical
8	2963.7964	150	151	-46.95	-13.00	33.95	Pass	Vertical
9	3703.0000	150	316	-46.93	-13.00	33.93	Pass	Vertical
10	5554.5000	150	316	-45.43	-13.00	32.43	Pass	Vertical
11	9320.5660	150	359	-41.78	-13.00	28.78	Pass	Vertical
12	13964.0482	150	344	-38.90	-13.00	25.90	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	18625
Remark:	5M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	235	-63.76	-13.00	50.76	Pass	Horizontal
2	91.8984	150	150	-40.46	-13.00	27.46	Pass	Horizontal
3	136.5273	150	160	-32.91	-13.00	19.91	Pass	Horizontal
4	262.6525	150	245	-34.56	-13.00	21.56	Pass	Horizontal
5	360.6421	150	188	-39.39	-13.00	26.39	Pass	Horizontal
6	638.3117	150	103	-50.87	-13.00	37.87	Pass	Horizontal
7	1516.4516	150	329	-49.83	-13.00	36.83	Pass	Horizontal
8	2963.9964	150	48	-48.34	-13.00	35.34	Pass	Horizontal
9	3705.0000	150	223	-45.07	-13.00	32.07	Pass	Horizontal
10	5557.5000	150	206	-40.79	-13.00	27.79	Pass	Horizontal
11	9072.3036	150	192	-43.62	-13.00	30.62	Pass	Horizontal
12	15161.1081	150	6	-38.57	-13.00	25.57	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	18625
Remark:	5M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	171	-56.17	-13.00	43.17	Pass	Vertical
2	92.0924	150	264	-44.29	-13.00	31.29	Pass	Vertical
3	141.7664	150	199	-37.00	-13.00	24.00	Pass	Vertical
4	181.1562	150	30	-40.75	-13.00	27.75	Pass	Vertical
5	307.4755	150	151	-39.36	-13.00	26.36	Pass	Vertical
6	681.0002	150	96	-53.63	-13.00	40.63	Pass	Vertical
7	1306.2306	150	350	-51.36	-13.00	38.36	Pass	Vertical
8	2963.7964	150	151	-46.45	-13.00	33.45	Pass	Vertical
9	3705.0000	150	316	-47.23	-13.00	34.23	Pass	Vertical
10	4927.5964	150	144	-49.07	-13.00	36.07	Pass	Vertical
11	7410.0000	150	83	-45.88	-13.00	32.88	Pass	Vertical
12	12842.7421	150	223	-41.17	-13.00	28.17	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	18650
Remark:	10M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	227	-63.30	-13.00	50.30	Pass	Horizontal
2	91.8984	150	156	-40.75	-13.00	27.75	Pass	Horizontal
3	136.5273	150	156	-32.61	-13.00	19.61	Pass	Horizontal
4	262.6525	150	129	-34.07	-13.00	21.07	Pass	Horizontal
5	307.4755	150	227	-35.88	-13.00	22.88	Pass	Horizontal
6	636.3713	150	100	-51.01	-13.00	38.01	Pass	Horizontal
7	1259.4259	150	342	-50.05	-13.00	37.05	Pass	Horizontal
8	2930.9931	150	14	-48.16	-13.00	35.16	Pass	Horizontal
9	3710.0000	150	226	-43.86	-13.00	30.86	Pass	Horizontal
10	5565.0000	150	179	-41.83	-13.00	28.83	Pass	Horizontal
11	10603.8802	150	108	-41.99	-13.00	28.99	Pass	Horizontal
12	14557.3279	150	40	-38.84	-13.00	25.84	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	18650
Remark:	10M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	156	-56.16	-13.00	43.16	Pass	Vertical
2	91.8984	150	240	-44.02	-13.00	31.02	Pass	Vertical
3	136.5273	150	198	-34.52	-13.00	21.52	Pass	Vertical
4	262.6525	150	326	-40.51	-13.00	27.51	Pass	Vertical
5	359.4779	150	84	-45.25	-13.00	32.25	Pass	Vertical
6	635.9832	150	99	-56.72	-13.00	43.72	Pass	Vertical
7	1302.8303	150	360	-52.15	-13.00	39.15	Pass	Vertical
8	2722.3722	150	184	-48.48	-13.00	35.48	Pass	Vertical
9	3710.0000	150	340	-46.04	-13.00	33.04	Pass	Vertical
10	5565.0002	150	318	-41.74	-13.00	28.74	Pass	Vertical
11	7678.7339	150	107	-43.43	-13.00	30.43	Pass	Vertical
12	12829.9915	150	86	-38.26	-13.00	25.26	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	18675
Remark:	15M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	227	-63.30	-13.00	50.30	Pass	Horizontal
2	91.8984	150	156	-40.75	-13.00	27.75	Pass	Horizontal
3	136.5273	150	156	-32.61	-13.00	19.61	Pass	Horizontal
4	262.6525	150	129	-34.07	-13.00	21.07	Pass	Horizontal
5	359.4779	150	198	-38.56	-13.00	25.56	Pass	Horizontal
6	636.3713	150	100	-51.01	-13.00	38.01	Pass	Horizontal
7	1259.4259	150	342	-50.05	-13.00	37.05	Pass	Horizontal
8	2930.9931	150	14	-48.16	-13.00	35.16	Pass	Horizontal
9	3715.0000	150	226	-43.86	-13.00	30.86	Pass	Horizontal
10	5572.5000	150	179	-41.83	-13.00	28.83	Pass	Horizontal
11	9559.8280	150	340	-42.92	-13.00	29.92	Pass	Horizontal
12	14557.3279	150	40	-38.84	-13.00	25.84	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	18675
Remark:	15M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	156	-56.16	-13.00	43.16	Pass	Vertical
2	91.8984	150	240	-44.02	-13.00	31.02	Pass	Vertical
3	136.5273	150	198	-34.52	-13.00	21.52	Pass	Vertical
4	307.2815	150	171	-40.26	-13.00	27.26	Pass	Vertical
5	359.4779	150	84	-45.25	-13.00	32.25	Pass	Vertical
6	721.1662	150	198	-52.38	-13.00	39.38	Pass	Vertical
7	1302.8303	150	360	-52.45	-13.00	39.45	Pass	Vertical
8	2971.3971	150	28	-48.32	-13.00	35.32	Pass	Vertical
9	3715.0000	150	318	-47.32	-13.00	34.32	Pass	Vertical
10	5572.5000	150	318	-44.34	-13.00	31.34	Pass	Vertical
11	8138.5069	150	293	-42.96	-13.00	29.96	Pass	Vertical
12	12829.9915	150	86	-39.26	-13.00	26.26	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	18700
Remark:	20M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	227	-63.30	-13.00	50.30	Pass	Horizontal
2	91.8984	150	156	-40.75	-13.00	27.75	Pass	Horizontal
3	136.5273	150	156	-32.61	-13.00	19.61	Pass	Horizontal
4	175.9172	150	185	-37.11	-13.00	24.11	Pass	Horizontal
5	262.6525	150	129	-34.07	-13.00	21.07	Pass	Horizontal
6	636.3713	150	100	-51.01	-13.00	38.01	Pass	Horizontal
7	1259.4259	150	342	-50.05	-13.00	37.05	Pass	Horizontal
8	2930.9931	150	14	-48.16	-13.00	35.16	Pass	Horizontal
9	3720.0000	150	226	-43.86	-13.00	30.86	Pass	Horizontal
10	5580.0000	150	179	-41.83	-13.00	28.83	Pass	Horizontal
11	10158.3579	150	179	-42.08	-13.00	29.08	Pass	Horizontal
12	16603.4302	150	0	-38.73	-13.00	25.73	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	18700
Remark:	20M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	156	-56.16	-13.00	43.16	Pass	Vertical
2	91.8984	150	240	-44.02	-13.00	31.02	Pass	Vertical
3	136.5273	150	198	-34.52	-13.00	21.52	Pass	Vertical
4	189.1118	150	269	-43.04	-13.00	30.04	Pass	Vertical
5	307.2815	150	171	-40.26	-13.00	27.26	Pass	Vertical
6	721.1662	150	198	-52.38	-13.00	39.38	Pass	Vertical
7	1302.8303	150	360	-51.65	-13.00	38.65	Pass	Vertical
8	2971.3971	150	28	-47.52	-13.00	34.52	Pass	Vertical
9	5112.8556	150	132	-49.05	-13.00	36.05	Pass	Vertical
10	5580.0000	150	318	-43.94	-13.00	30.94	Pass	Vertical
11	10185.3593	150	340	-42.03	-13.00	29.03	Pass	Vertical
12	14391.5696	150	179	-38.75	-13.00	25.75	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	18900
Remark:	1.4M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	240	-63.25	-13.00	50.25	Pass	Horizontal
2	91.8984	150	155	-40.23	-13.00	27.23	Pass	Horizontal
3	136.7213	150	169	-33.09	-13.00	20.09	Pass	Horizontal
4	268.0856	150	142	-34.23	-13.00	21.23	Pass	Horizontal
5	627.2515	150	99	-52.07	-13.00	39.07	Pass	Horizontal
6	875.8152	150	27	-57.00	-13.00	44.00	Pass	Horizontal
7	1356.2356	150	70	-52.45	-13.00	39.45	Pass	Horizontal
8	2864.1864	150	226	-48.15	-13.00	35.15	Pass	Horizontal
9	3760.0000	150	285	-45.55	-13.00	32.55	Pass	Horizontal
10	5640.0000	150	318	-44.79	-13.00	31.79	Pass	Horizontal
11	9316.8158	150	53	-42.64	-13.00	29.64	Pass	Horizontal
12	14418.5709	150	260	-39.46	-13.00	26.46	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	18900
Remark:	1.4M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	142	-55.95	-13.00	42.95	Pass	Vertical
2	91.8984	150	240	-44.12	-13.00	31.12	Pass	Vertical
3	136.7213	150	184	-34.87	-13.00	21.87	Pass	Vertical
4	260.1300	150	326	-41.05	-13.00	28.05	Pass	Vertical
5	360.0600	150	84	-44.87	-13.00	31.87	Pass	Vertical
6	726.5993	150	198	-53.83	-13.00	40.83	Pass	Vertical
7	1517.2517	150	41	-52.25	-13.00	39.25	Pass	Vertical
8	2987.9988	150	354	-47.33	-13.00	34.33	Pass	Vertical
9	3760.0000	150	318	-47.65	-13.00	34.65	Pass	Vertical
10	5640.0000	150	318	-45.32	-13.00	32.32	Pass	Vertical
11	8101.7551	150	247	-44.62	-13.00	31.62	Pass	Vertical
12	13912.2956	150	15	-39.62	-13.00	26.62	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	18900
Remark:	3M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	240	-63.25	-13.00	50.25	Pass	Horizontal
2	91.8984	150	155	-40.23	-13.00	27.23	Pass	Horizontal
3	136.7213	150	169	-33.09	-13.00	20.09	Pass	Horizontal
4	268.0856	150	142	-34.23	-13.00	21.23	Pass	Horizontal
5	360.0600	150	198	-37.45	-13.00	24.45	Pass	Horizontal
6	627.2515	150	99	-52.07	-13.00	39.07	Pass	Horizontal
7	1356.2356	150	70	-52.45	-13.00	39.45	Pass	Horizontal
8	2864.1864	150	226	-48.15	-13.00	35.15	Pass	Horizontal
9	3760.0000	150	285	-45.55	-13.00	32.55	Pass	Horizontal
10	5640.0000	150	318	-44.79	-13.00	31.79	Pass	Horizontal
11	10132.1066	150	238	-42.17	-13.00	29.17	Pass	Horizontal
12	14418.5709	150	260	-39.46	-13.00	26.46	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	18900
Remark:	3M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	142	-55.95	-13.00	42.95	Pass	Vertical
2	91.8984	150	240	-44.12	-13.00	31.12	Pass	Vertical
3	136.7213	150	184	-34.87	-13.00	21.87	Pass	Vertical
4	176.1112	150	41	-40.44	-13.00	27.44	Pass	Vertical
5	307.4755	150	142	-40.68	-13.00	27.68	Pass	Vertical
6	726.5993	150	198	-53.83	-13.00	40.83	Pass	Vertical
7	1517.2517	150	41	-52.25	-13.00	39.25	Pass	Vertical
8	2987.9988	150	354	-47.33	-13.00	34.33	Pass	Vertical
9	3760.0000	150	318	-47.15	-13.00	34.15	Pass	Vertical
10	5640.0000	150	318	-44.82	-13.00	31.82	Pass	Vertical
11	10445.6223	150	293	-42.15	-13.00	29.15	Pass	Vertical
12	16525.4263	150	225	-38.76	-13.00	25.76	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	18900
Remark:	5M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	240	-63.25	-13.00	50.25	Pass	Horizontal
2	91.8984	150	155	-40.23	-13.00	27.23	Pass	Horizontal
3	136.7213	150	169	-33.09	-13.00	20.09	Pass	Horizontal
4	225.9792	150	84	-38.31	-13.00	25.31	Pass	Horizontal
5	307.4755	150	226	-35.95	-13.00	22.95	Pass	Horizontal
6	627.2515	150	99	-52.07	-13.00	39.07	Pass	Horizontal
7	1356.2356	150	70	-52.45	-13.00	39.45	Pass	Horizontal
8	2864.1864	150	226	-48.15	-13.00	35.15	Pass	Horizontal
9	3760.0000	150	285	-45.55	-13.00	32.55	Pass	Horizontal
10	5640.0000	150	318	-44.79	-13.00	31.79	Pass	Horizontal
11	10132.1066	150	238	-42.17	-13.00	29.17	Pass	Horizontal
12	13643.0322	150	99	-40.29	-13.00	27.29	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	18900
Remark:	5M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	44.5529	150	169	-56.51	-13.00	43.51	Pass	Vertical
2	91.8984	150	240	-44.12	-13.00	31.12	Pass	Vertical
3	136.7213	150	184	-34.87	-13.00	21.87	Pass	Vertical
4	176.1112	150	41	-40.44	-13.00	27.44	Pass	Vertical
5	264.2048	150	326	-41.02	-13.00	28.02	Pass	Vertical
6	726.5993	150	198	-53.83	-13.00	40.83	Pass	Vertical
7	1297.6298	150	14	-51.85	-13.00	38.85	Pass	Vertical
8	2698.3698	150	41	-48.34	-13.00	35.34	Pass	Vertical
9	3760.0000	150	318	-46.65	-13.00	33.65	Pass	Vertical
10	5640.0000	150	318	-43.72	-13.00	30.72	Pass	Vertical
11	9061.8031	150	154	-42.39	-13.00	29.39	Pass	Vertical
12	13912.2956	150	15	-38.02	-13.00	25.02	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	18900
Remark:	10M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	239	-63.10	-13.00	50.10	Pass	Horizontal
2	91.8984	150	153	-40.51	-13.00	27.51	Pass	Horizontal
3	136.7213	150	167	-32.59	-13.00	19.59	Pass	Horizontal
4	176.1112	150	196	-37.49	-13.00	24.49	Pass	Horizontal
5	265.5631	150	138	-34.16	-13.00	21.16	Pass	Horizontal
6	307.6695	150	224	-36.40	-13.00	23.40	Pass	Horizontal
7	1296.2296	150	210	-52.48	-13.00	39.48	Pass	Horizontal
8	2403.5404	150	360	-48.26	-13.00	35.26	Pass	Horizontal
9	3760.0000	150	340	-45.12	-13.00	32.12	Pass	Horizontal
10	5640.0000	150	318	-44.61	-13.00	31.61	Pass	Horizontal
11	8098.0049	150	178	-44.72	-13.00	31.72	Pass	Horizontal
12	12922.9962	150	39	-40.29	-13.00	27.29	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	18900
Remark:	10M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	156	-56.16	-13.00	43.16	Pass	Vertical
2	92.0924	150	255	-43.94	-13.00	30.94	Pass	Vertical
3	136.7213	150	199	-34.41	-13.00	21.41	Pass	Vertical
4	176.1112	150	28	-40.76	-13.00	27.76	Pass	Vertical
5	262.8466	150	355	-39.95	-13.00	26.95	Pass	Vertical
6	679.8360	150	99	-53.94	-13.00	40.94	Pass	Vertical
7	1338.8339	150	360	-52.56	-13.00	39.56	Pass	Vertical
8	2988.3988	150	113	-47.85	-13.00	34.85	Pass	Vertical
9	3760.0000	150	318	-49.07	-13.00	36.07	Pass	Vertical
10	5640.0000	150	318	-46.79	-13.00	33.79	Pass	Vertical
11	8187.2594	150	56	-45.37	-13.00	32.37	Pass	Vertical
12	14012.0506	150	271	-39.40	-13.00	26.40	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	18900
Remark:	15M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	239	-63.10	-13.00	50.10	Pass	Horizontal
2	91.8984	150	153	-40.51	-13.00	27.51	Pass	Horizontal
3	136.7213	150	167	-32.59	-13.00	19.59	Pass	Horizontal
4	265.5631	150	138	-34.16	-13.00	21.16	Pass	Horizontal
5	307.6695	150	224	-36.40	-13.00	23.40	Pass	Horizontal
6	636.7594	150	96	-52.10	-13.00	39.10	Pass	Horizontal
7	1296.2296	150	210	-52.48	-13.00	39.48	Pass	Horizontal
8	2403.5404	150	360	-48.26	-13.00	35.26	Pass	Horizontal
9	3760.0000	150	340	-45.12	-13.00	32.12	Pass	Horizontal
10	5640.0000	150	318	-44.61	-13.00	31.61	Pass	Horizontal
11	8098.0049	150	178	-44.72	-13.00	31.72	Pass	Horizontal
12	14320.3160	150	0	-39.17	-13.00	26.17	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	18900
Remark:	15M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	156	-56.16	-13.00	43.16	Pass	Vertical
2	92.0924	150	255	-43.94	-13.00	30.94	Pass	Vertical
3	136.7213	150	199	-34.41	-13.00	21.41	Pass	Vertical
4	262.8466	150	355	-39.95	-13.00	26.95	Pass	Vertical
5	361.4183	150	70	-45.17	-13.00	32.17	Pass	Vertical
6	720.5841	150	199	-53.62	-13.00	40.62	Pass	Vertical
7	1355.6356	150	14	-52.32	-13.00	39.32	Pass	Vertical
8	2988.3988	150	113	-47.85	-13.00	34.85	Pass	Vertical
9	3760.0000	150	318	-48.07	-13.00	35.07	Pass	Vertical
10	5640.0000	150	318	-45.79	-13.00	32.79	Pass	Vertical
11	9434.5717	150	339	-43.07	-13.00	30.07	Pass	Vertical
12	15649.3825	150	200	-39.34	-13.00	26.34	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	18900
Remark:	20M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	239	-63.10	-13.00	50.10	Pass	Horizontal
2	91.8984	150	153	-40.51	-13.00	27.51	Pass	Horizontal
3	136.7213	150	167	-32.59	-13.00	19.59	Pass	Horizontal
4	265.5631	150	138	-34.16	-13.00	21.16	Pass	Horizontal
5	307.6695	150	224	-36.40	-13.00	23.40	Pass	Horizontal
6	636.7594	150	96	-52.10	-13.00	39.10	Pass	Horizontal
7	1296.2296	150	210	-52.48	-13.00	39.48	Pass	Horizontal
8	2860.5861	150	252	-48.43	-13.00	35.43	Pass	Horizontal
9	3760.0000	150	340	-45.12	-13.00	32.12	Pass	Horizontal
10	5640.0000	150	318	-44.61	-13.00	31.61	Pass	Horizontal
11	10189.1095	150	272	-41.43	-13.00	28.43	Pass	Horizontal
12	14398.3199	150	86	-38.95	-13.00	25.95	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	18900
Remark:	20M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	156	-56.16	-13.00	43.16	Pass	Vertical
2	92.0924	150	255	-43.94	-13.00	30.94	Pass	Vertical
3	136.7213	150	199	-34.41	-13.00	21.41	Pass	Vertical
4	176.1112	150	28	-40.76	-13.00	27.76	Pass	Vertical
5	262.8466	150	355	-39.95	-13.00	26.95	Pass	Vertical
6	720.5841	150	199	-53.62	-13.00	40.62	Pass	Vertical
7	1355.6356	150	14	-51.82	-13.00	38.82	Pass	Vertical
8	2988.3988	150	113	-47.35	-13.00	34.35	Pass	Vertical
9	3760.0000	150	318	-47.57	-13.00	34.57	Pass	Vertical
10	5640.0000	150	318	-45.79	-13.00	32.79	Pass	Vertical
11	9434.5717	150	339	-43.07	-13.00	30.07	Pass	Vertical
12	13687.2844	150	200	-39.40	-13.00	26.40	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	19193
Remark:	1.4M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	44.7469	150	241	-63.52	-13.00	50.52	Pass	Horizontal
2	92.0924	150	156	-40.27	-13.00	27.27	Pass	Horizontal
3	141.9604	150	156	-32.90	-13.00	19.90	Pass	Horizontal
4	176.1112	150	198	-37.56	-13.00	24.56	Pass	Horizontal
5	268.0856	150	142	-34.19	-13.00	21.19	Pass	Horizontal
6	294.2809	150	126	-37.19	-13.00	24.19	Pass	Horizontal
7	1532.0532	150	326	-49.55	-13.00	36.55	Pass	Horizontal
8	3118.5059	150	156	-48.75	-13.00	35.75	Pass	Horizontal
9	3818.6000	150	226	-46.97	-13.00	33.97	Pass	Horizontal
10	5727.9000	150	294	-46.78	-13.00	33.78	Pass	Horizontal
11	7767.9884	150	202	-45.47	-13.00	32.47	Pass	Horizontal
12	10300.1150	150	294	-41.47	-13.00	28.47	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	19193
Remark:	1.4M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	155	-56.07	-13.00	43.07	Pass	Vertical
2	92.0924	150	240	-43.85	-13.00	30.85	Pass	Vertical
3	136.7213	150	197	-34.96	-13.00	21.96	Pass	Vertical
4	181.3503	150	41	-40.48	-13.00	27.48	Pass	Vertical
5	307.8636	150	155	-39.81	-13.00	26.81	Pass	Vertical
6	721.1662	150	197	-53.52	-13.00	40.52	Pass	Vertical
7	1256.8257	150	240	-52.12	-13.00	39.12	Pass	Vertical
8	2945.1945	150	296	-47.83	-13.00	34.83	Pass	Vertical
9	3818.6000	150	272	-49.03	-13.00	36.03	Pass	Vertical
10	5727.9000	150	133	-49.09	-13.00	36.09	Pass	Vertical
11	7637.2000	150	0	-47.54	-13.00	34.54	Pass	Vertical
12	12574.9787	150	15	-41.99	-13.00	28.99	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	19185
Remark:	3M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	44.7469	150	241	-63.52	-13.00	50.52	Pass	Horizontal
2	92.0924	150	156	-40.27	-13.00	27.27	Pass	Horizontal
3	141.9604	150	156	-32.90	-13.00	19.90	Pass	Horizontal
4	176.1112	150	198	-37.56	-13.00	24.56	Pass	Horizontal
5	268.0856	150	142	-34.19	-13.00	21.19	Pass	Horizontal
6	294.2809	150	126	-37.19	-13.00	24.19	Pass	Horizontal
7	1532.0532	150	326	-49.55	-13.00	36.55	Pass	Horizontal
8	2598.1598	150	113	-48.49	-13.00	35.49	Pass	Horizontal
9	3817.0000	150	226	-46.97	-13.00	33.97	Pass	Horizontal
10	5725.5000	150	294	-46.78	-13.00	33.78	Pass	Horizontal
11	10130.6065	150	294	-41.77	-13.00	28.77	Pass	Horizontal
12	14114.0557	150	226	-39.26	-13.00	26.26	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	19185
Remark:	3M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	155	-56.07	-13.00	43.07	Pass	Vertical
2	92.0924	150	240	-43.85	-13.00	30.85	Pass	Vertical
3	136.7213	150	197	-34.96	-13.00	21.96	Pass	Vertical
4	181.3503	150	41	-40.48	-13.00	27.48	Pass	Vertical
5	307.8636	150	155	-39.81	-13.00	26.81	Pass	Vertical
6	721.1662	150	197	-53.52	-13.00	40.52	Pass	Vertical
7	1256.8257	150	240	-52.12	-13.00	39.12	Pass	Vertical
8	2945.1945	150	296	-47.83	-13.00	34.83	Pass	Vertical
9	3817.0000	150	272	-47.53	-13.00	34.53	Pass	Vertical
10	5725.5000	150	133	-47.59	-13.00	34.59	Pass	Vertical
11	8083.7542	150	359	-44.28	-13.00	31.28	Pass	Vertical
12	14167.3084	150	154	-38.85	-13.00	25.85	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	19175
Remark:	5M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	44.7469	150	241	-63.52	-13.00	50.52	Pass	Horizontal
2	92.0924	150	156	-40.27	-13.00	27.27	Pass	Horizontal
3	141.9604	150	156	-32.90	-13.00	19.90	Pass	Horizontal
4	268.0856	150	142	-34.19	-13.00	21.19	Pass	Horizontal
5	357.9256	150	198	-38.98	-13.00	25.98	Pass	Horizontal
6	640.6401	150	99	-52.00	-13.00	39.00	Pass	Horizontal
7	1532.0532	150	326	-49.55	-13.00	36.55	Pass	Horizontal
8	2598.1598	150	113	-48.49	-13.00	35.49	Pass	Horizontal
9	3815.0000	150	226	-46.97	-13.00	33.97	Pass	Horizontal
10	5722.5000	150	294	-46.78	-13.00	33.78	Pass	Horizontal
11	10300.1150	150	294	-41.47	-13.00	28.47	Pass	Horizontal
12	14114.0557	150	226	-39.26	-13.00	26.26	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	19175
Remark:	5M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	44.7469	150	155	-56.33	-13.00	43.33	Pass	Vertical
2	92.0924	150	240	-43.85	-13.00	30.85	Pass	Vertical
3	136.7213	150	197	-34.96	-13.00	21.96	Pass	Vertical
4	181.3503	150	41	-40.48	-13.00	27.48	Pass	Vertical
5	307.8636	150	155	-39.81	-13.00	26.81	Pass	Vertical
6	721.1662	150	197	-53.52	-13.00	40.52	Pass	Vertical
7	1256.8257	150	240	-52.12	-13.00	39.12	Pass	Vertical
8	2945.1945	150	296	-47.83	-13.00	34.83	Pass	Vertical
9	3815.0000	150	272	-47.63	-13.00	34.63	Pass	Vertical
10	5722.5000	150	133	-47.69	-13.00	34.69	Pass	Vertical
11	10165.8583	150	200	-42.12	-13.00	29.12	Pass	Vertical
12	14167.3084	150	154	-38.85	-13.00	25.85	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	19150
Remark:	10M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	227	-63.30	-13.00	50.30	Pass	Horizontal
2	91.8984	150	156	-40.75	-13.00	27.75	Pass	Horizontal
3	136.5273	150	156	-32.61	-13.00	19.61	Pass	Horizontal
4	262.6525	150	129	-34.07	-13.00	21.07	Pass	Horizontal
5	636.3713	150	100	-51.01	-13.00	38.01	Pass	Horizontal
6	875.6211	150	312	-58.57	-13.00	45.57	Pass	Horizontal
7	1259.4259	150	342	-50.05	-13.00	37.05	Pass	Horizontal
8	2635.1635	150	114	-48.72	-13.00	35.72	Pass	Horizontal
9	3810.0000	150	226	-43.86	-13.00	30.86	Pass	Horizontal
10	5715.0000	150	226	-41.02	-13.00	28.02	Pass	Horizontal
11	8805.2903	150	133	-43.76	-13.00	30.76	Pass	Horizontal
12	13657.2829	150	155	-39.40	-13.00	26.40	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	19150
Remark:	10M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	142	-55.25	-13.00	42.25	Pass	Vertical
2	91.8984	150	240	-43.42	-13.00	30.42	Pass	Vertical
3	136.7213	150	184	-34.17	-13.00	21.17	Pass	Vertical
4	181.3503	150	198	-39.91	-13.00	26.91	Pass	Vertical
5	307.4755	150	142	-39.98	-13.00	26.98	Pass	Vertical
6	726.5993	150	198	-53.13	-13.00	40.13	Pass	Vertical
7	1297.6298	150	14	-51.65	-13.00	38.65	Pass	Vertical
8	2987.9988	150	354	-46.63	-13.00	33.63	Pass	Vertical
9	3810.0000	150	293	-48.43	-13.00	35.43	Pass	Vertical
10	4970.3485	150	293	-49.34	-13.00	36.34	Pass	Vertical
11	5715.0000	150	318	-46.12	-13.00	33.12	Pass	Vertical
12	14211.5606	150	154	-37.73	-13.00	24.73	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	19125
Remark:	15M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	227	-63.30	-13.00	50.30	Pass	Horizontal
2	91.8984	150	156	-40.75	-13.00	27.75	Pass	Horizontal
3	136.5273	150	156	-32.61	-13.00	19.61	Pass	Horizontal
4	262.6525	150	129	-34.07	-13.00	21.07	Pass	Horizontal
5	307.4755	150	227	-35.88	-13.00	22.88	Pass	Horizontal
6	636.3713	150	100	-51.01	-13.00	38.01	Pass	Horizontal
7	1259.4259	150	342	-50.05	-13.00	37.05	Pass	Horizontal
8	2930.9931	150	14	-48.16	-13.00	35.16	Pass	Horizontal
9	3805.0000	150	226	-43.86	-13.00	30.86	Pass	Horizontal
10	5707.5000	150	226	-41.02	-13.00	28.02	Pass	Horizontal
11	9718.8359	150	340	-42.73	-13.00	29.73	Pass	Horizontal
12	14557.3279	150	40	-38.84	-13.00	25.84	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	19125
Remark:	15M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	142	-55.25	-13.00	42.25	Pass	Vertical
2	91.8984	150	240	-43.42	-13.00	30.42	Pass	Vertical
3	136.7213	150	184	-34.17	-13.00	21.17	Pass	Vertical
4	176.1112	150	41	-39.74	-13.00	26.74	Pass	Vertical
5	307.4755	150	142	-39.98	-13.00	26.98	Pass	Vertical
6	726.5993	150	198	-53.13	-13.00	40.13	Pass	Vertical
7	1297.6298	150	14	-51.65	-13.00	38.65	Pass	Vertical
8	2987.9988	150	354	-46.63	-13.00	33.63	Pass	Vertical
9	3800.0000	150	293	-46.43	-13.00	33.43	Pass	Vertical
10	5700.0000	150	318	-44.12	-13.00	31.12	Pass	Vertical
11	9074.5537	150	15	-42.44	-13.00	29.44	Pass	Vertical
12	14211.5606	150	154	-37.73	-13.00	24.73	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	19100
Remark:	20M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	227	-63.30	-13.00	50.30	Pass	Horizontal
2	91.8984	150	156	-40.75	-13.00	27.75	Pass	Horizontal
3	136.5273	150	156	-32.61	-13.00	19.61	Pass	Horizontal
4	225.7852	150	84	-37.43	-13.00	24.43	Pass	Horizontal
5	307.4755	150	227	-35.88	-13.00	22.88	Pass	Horizontal
6	636.3713	150	100	-51.01	-13.00	38.01	Pass	Horizontal
7	1259.4259	150	342	-50.05	-13.00	37.05	Pass	Horizontal
8	2930.9931	150	14	-48.16	-13.00	35.16	Pass	Horizontal
9	3800.0000	150	226	-43.86	-13.00	30.86	Pass	Horizontal
10	5700.0000	150	226	-41.02	-13.00	28.02	Pass	Horizontal
11	9559.8280	150	340	-42.92	-13.00	29.92	Pass	Horizontal
12	13657.2829	150	155	-39.40	-13.00	26.40	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	19100
Remark:	20M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	47.2695	150	142	-55.25	-13.00	42.25	Pass	Vertical
2	91.8984	150	240	-43.42	-13.00	30.42	Pass	Vertical
3	136.7213	150	184	-34.17	-13.00	21.17	Pass	Vertical
4	264.2048	150	326	-40.32	-13.00	27.32	Pass	Vertical
5	307.4755	150	142	-39.98	-13.00	26.98	Pass	Vertical
6	726.5993	150	198	-53.13	-13.00	40.13	Pass	Vertical
7	1517.2517	150	41	-52.05	-13.00	39.05	Pass	Vertical
8	2915.1915	150	326	-48.45	-13.00	35.45	Pass	Vertical
9	3800.0000	150	293	-46.93	-13.00	33.93	Pass	Vertical
10	5700.0000	150	318	-44.62	-13.00	31.62	Pass	Vertical
11	9361.8181	150	40	-42.57	-13.00	29.57	Pass	Vertical
12	14211.5606	150	154	-38.23	-13.00	25.23	Pass	Vertical

Note:

Scan from 9kHz to 25GHz, the disturbance above 15GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.