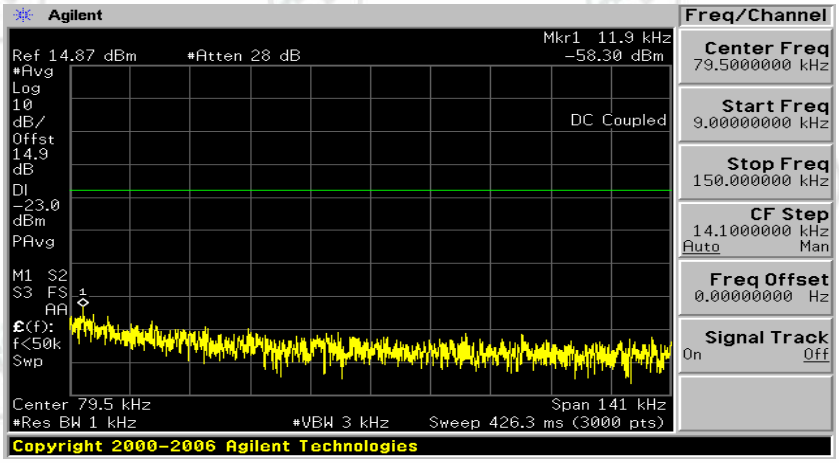
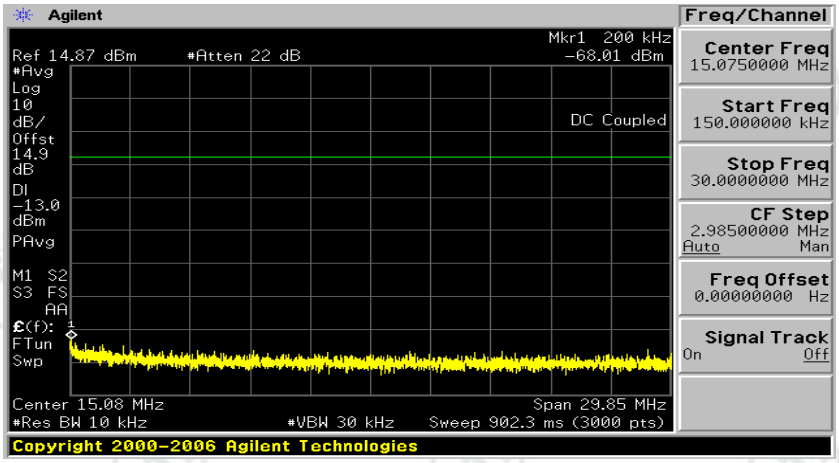
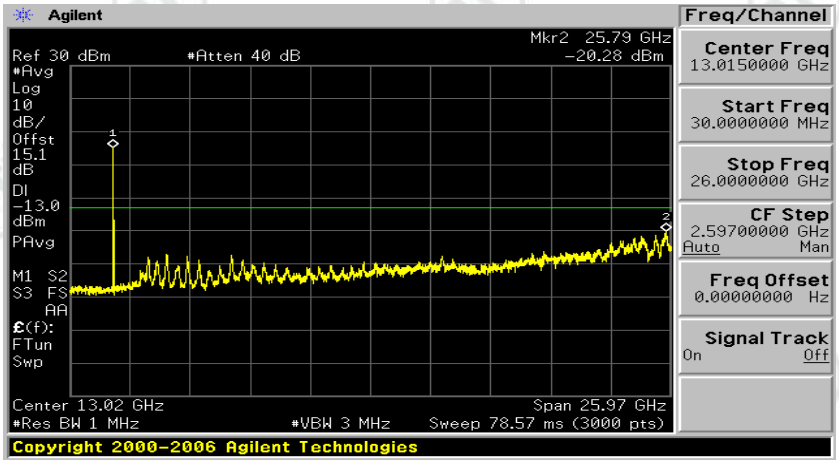
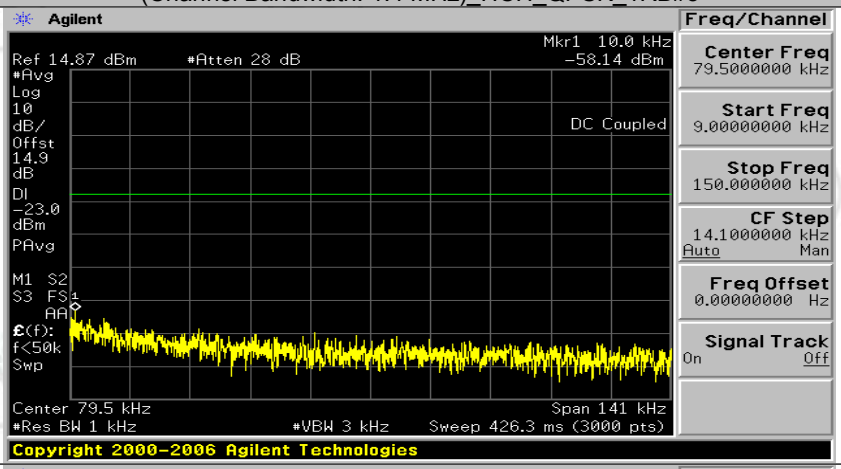
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3

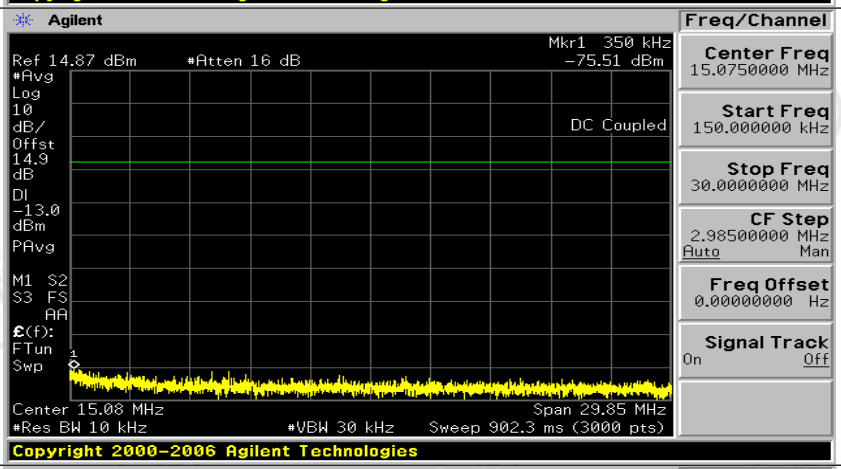


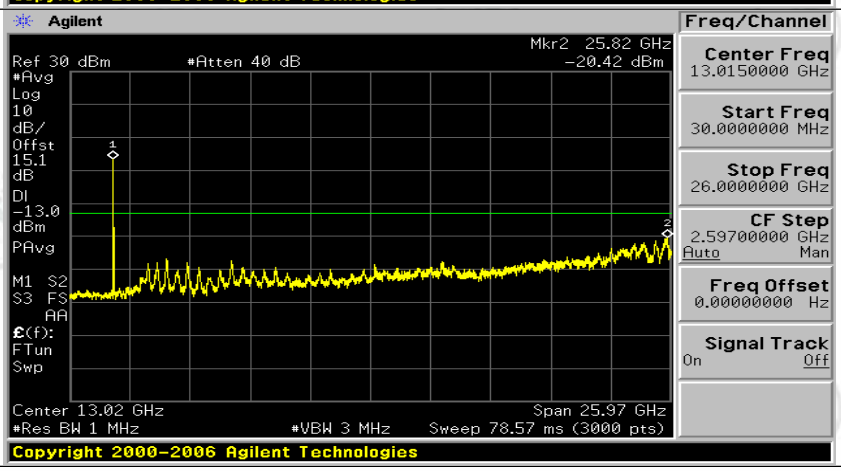




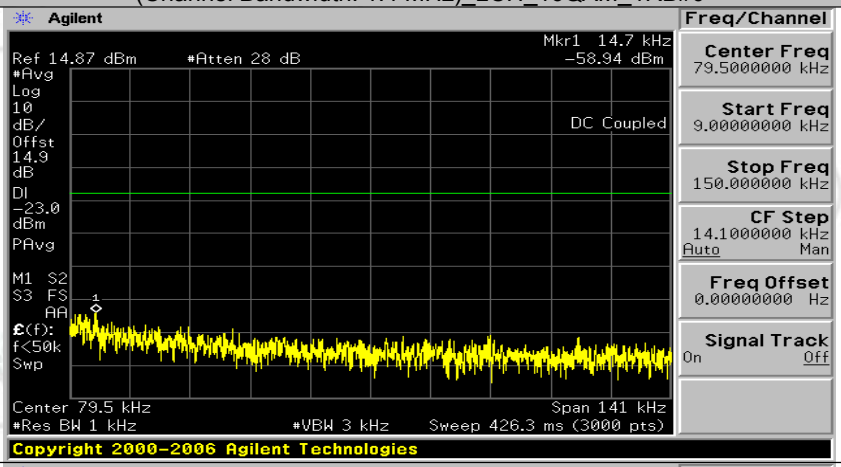
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5

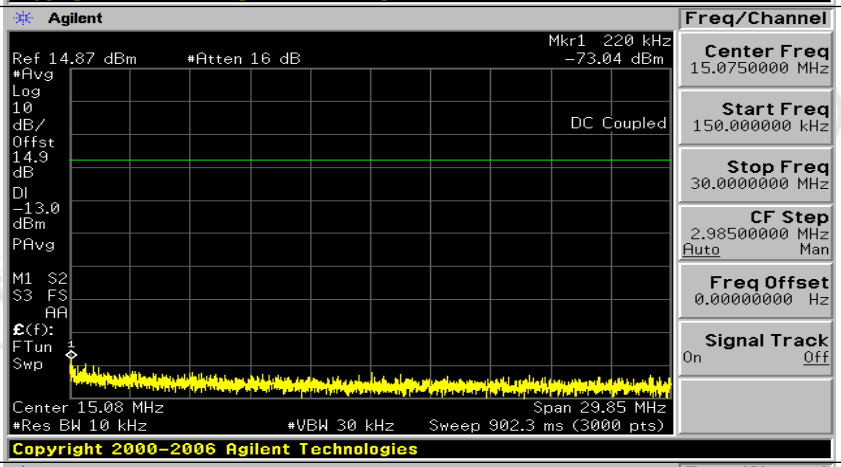


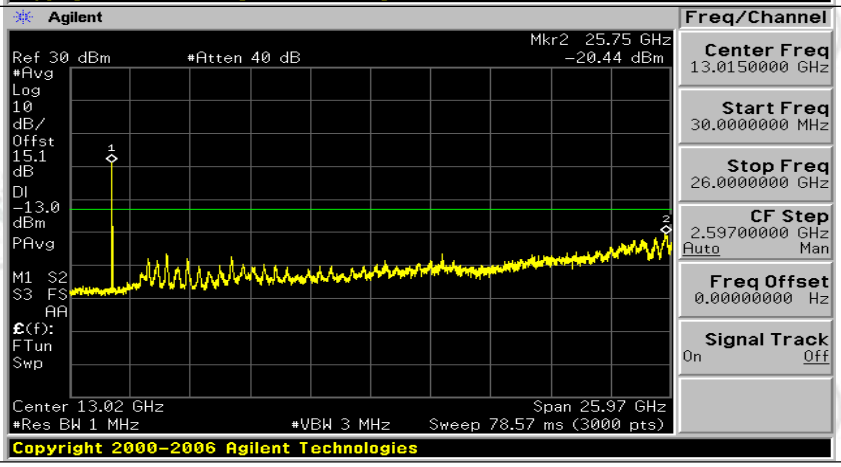




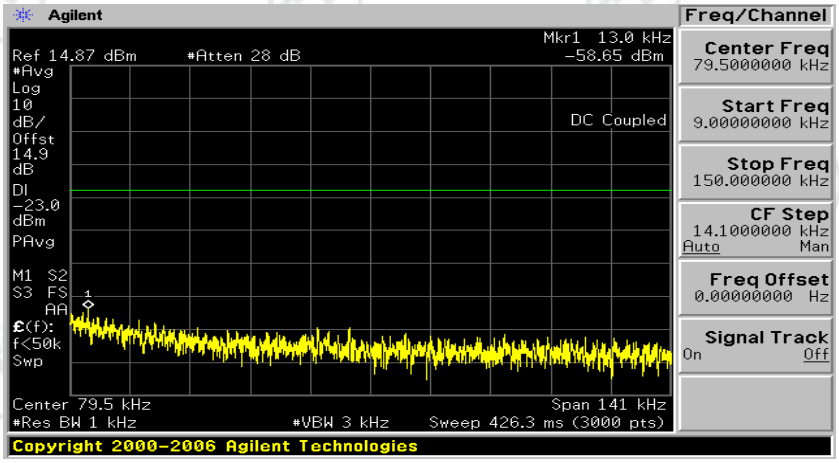
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0

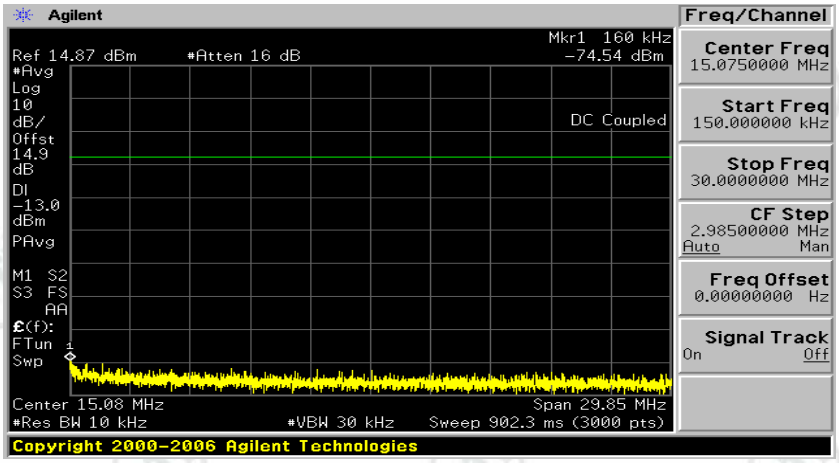


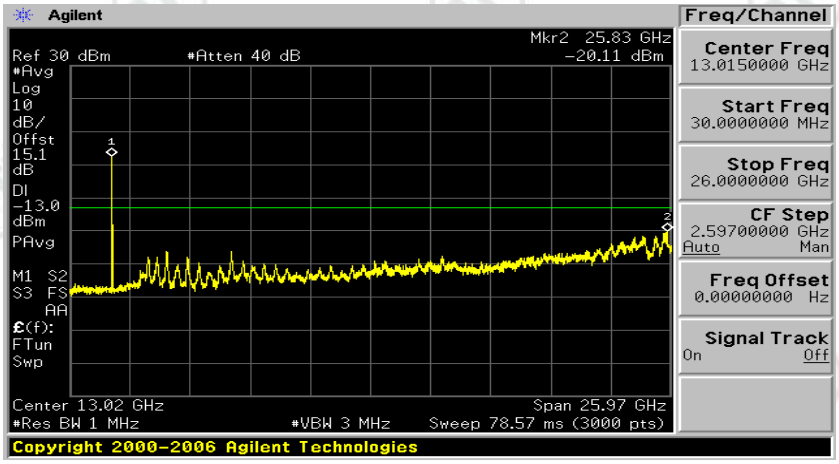




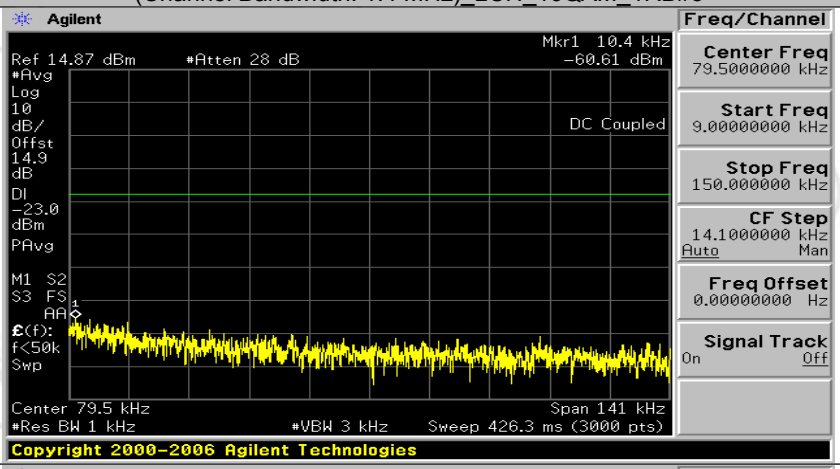
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3

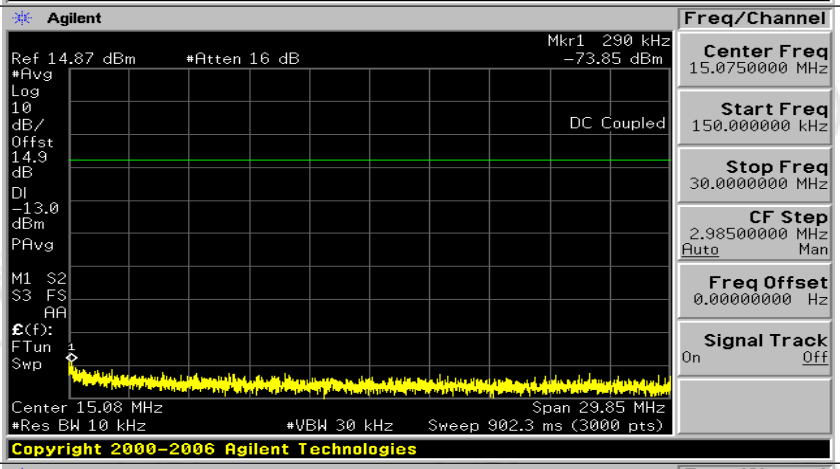


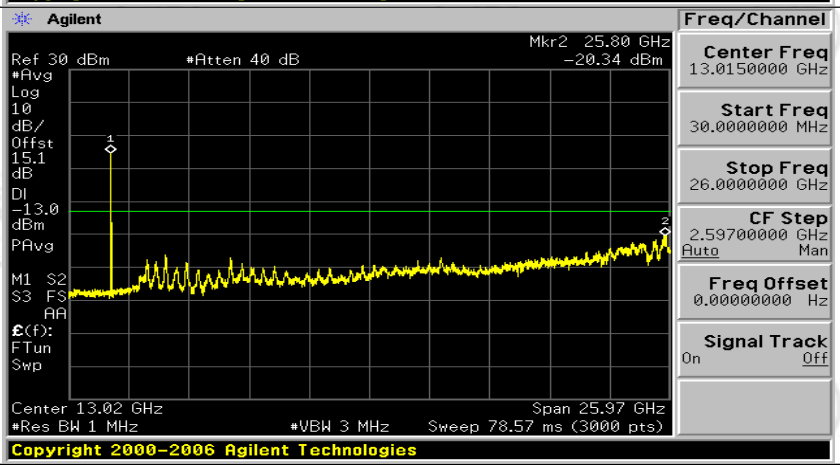




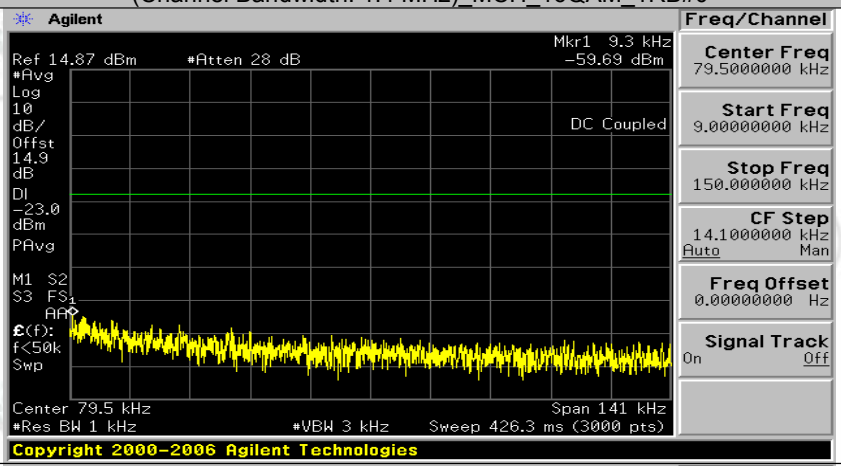
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5

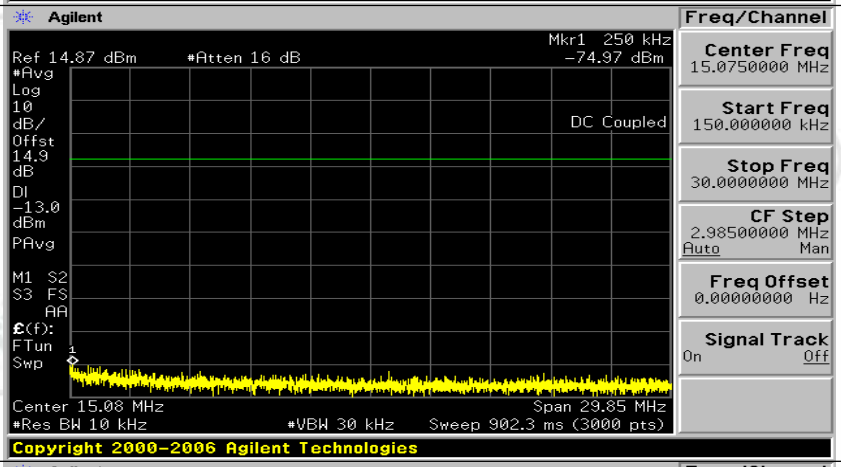


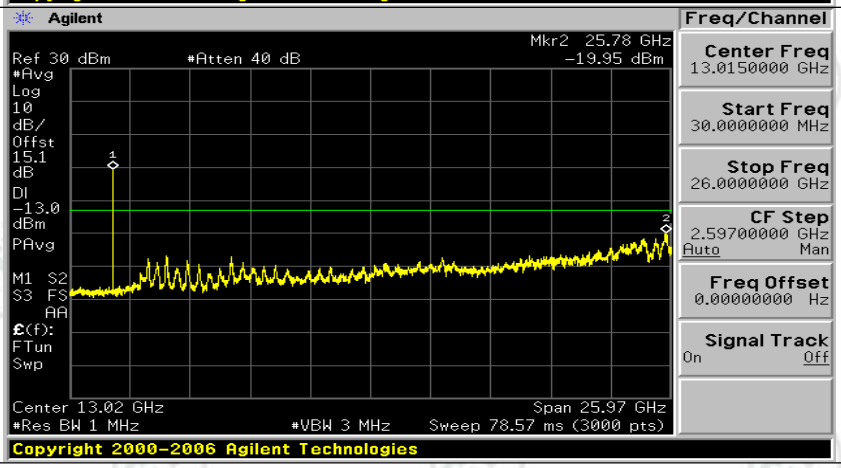




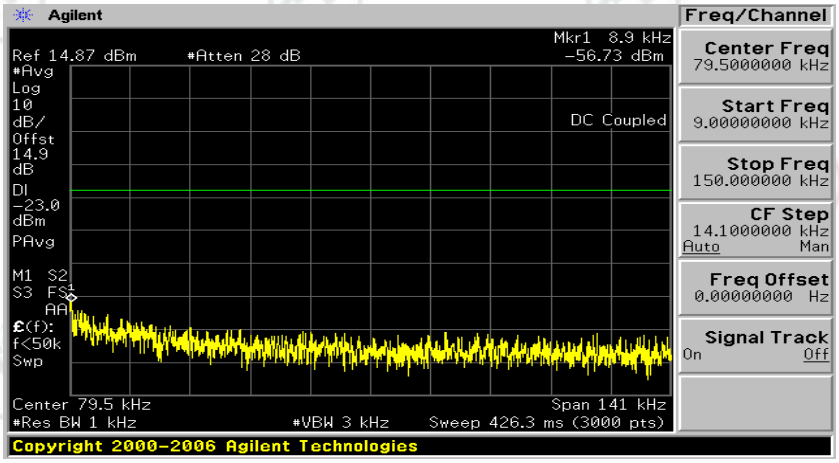
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

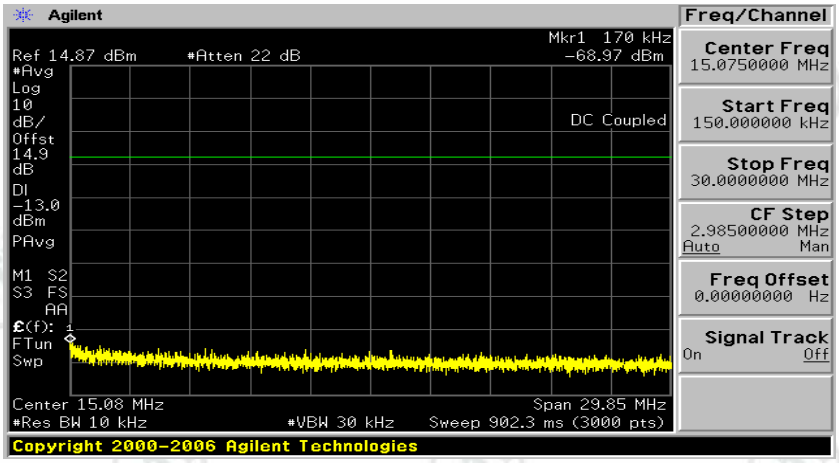


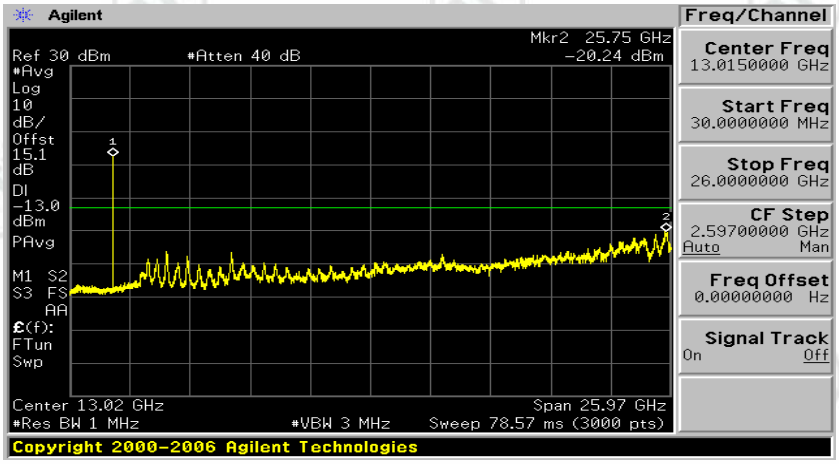




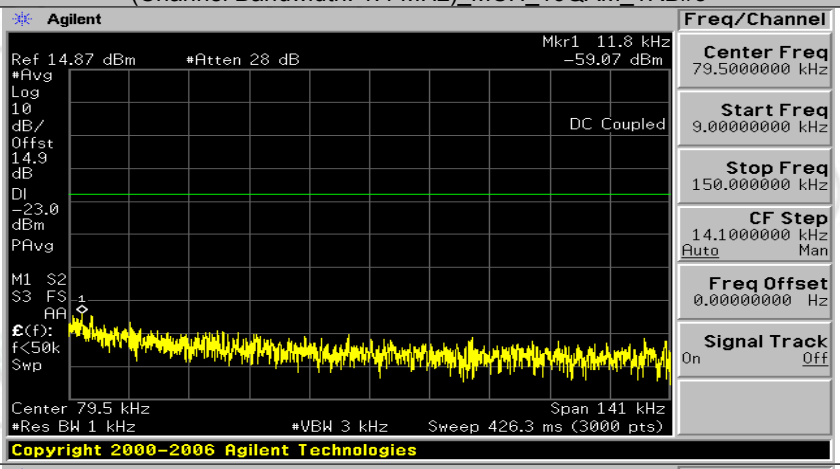
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

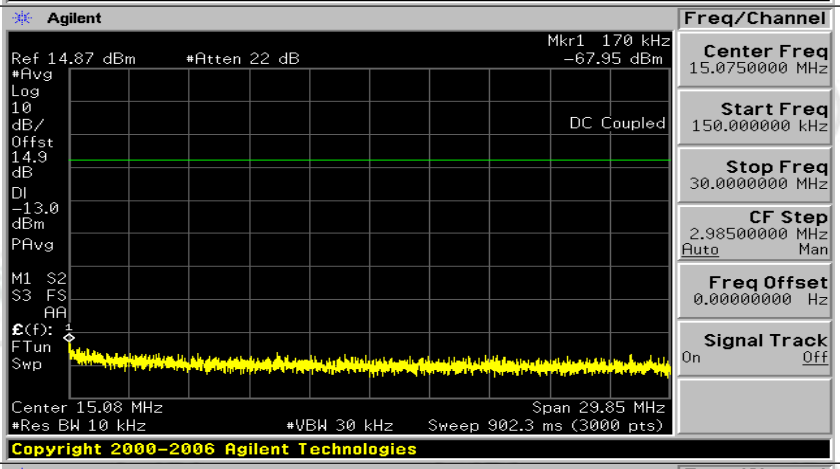


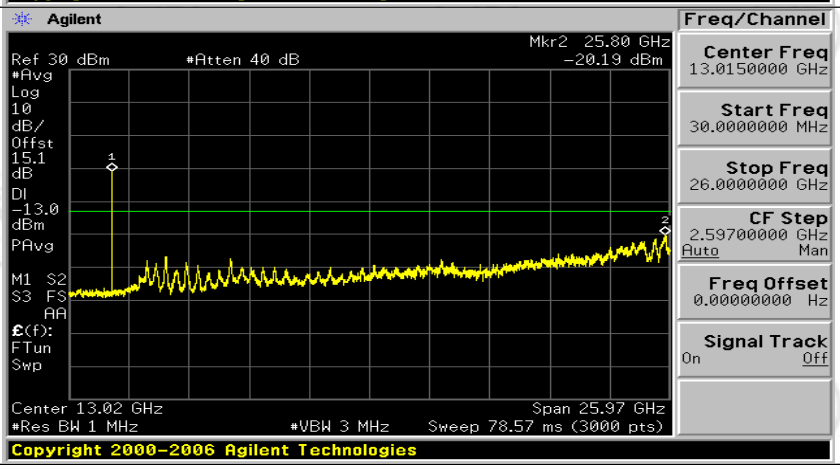




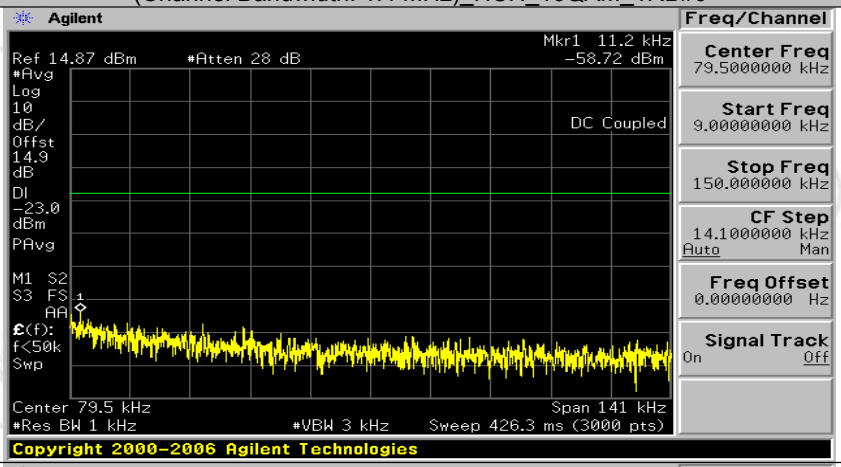
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5

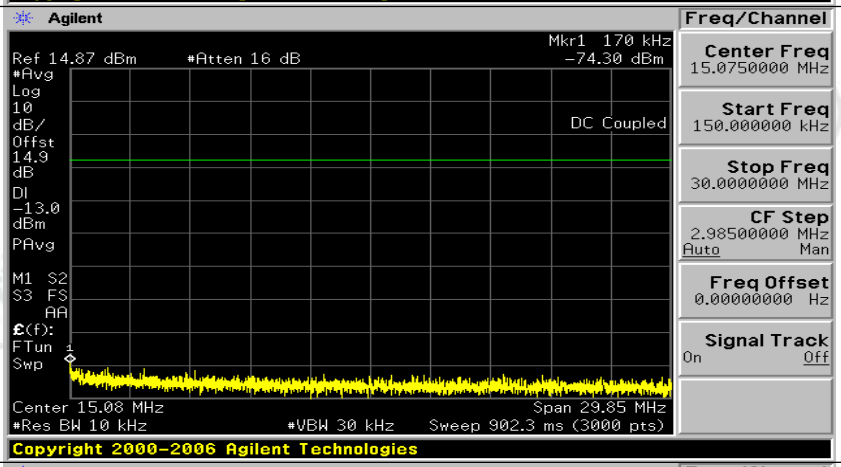


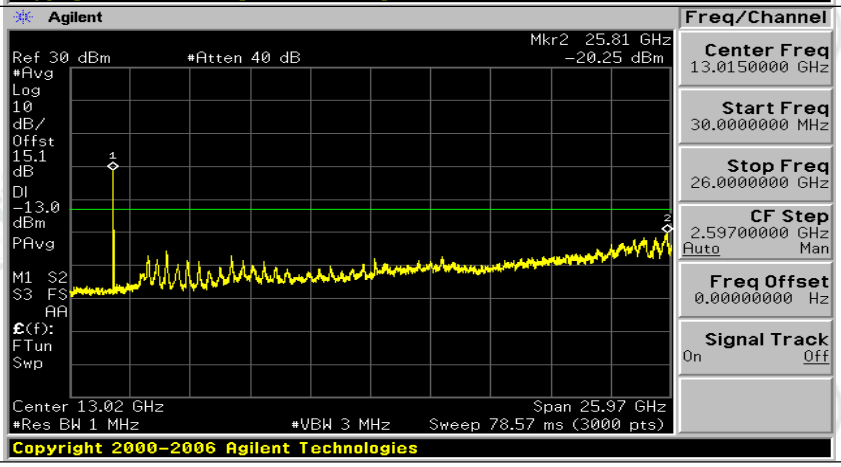




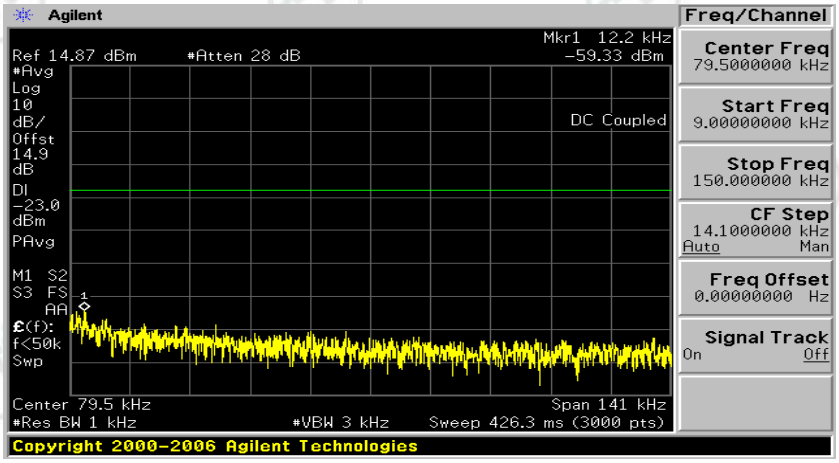
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0

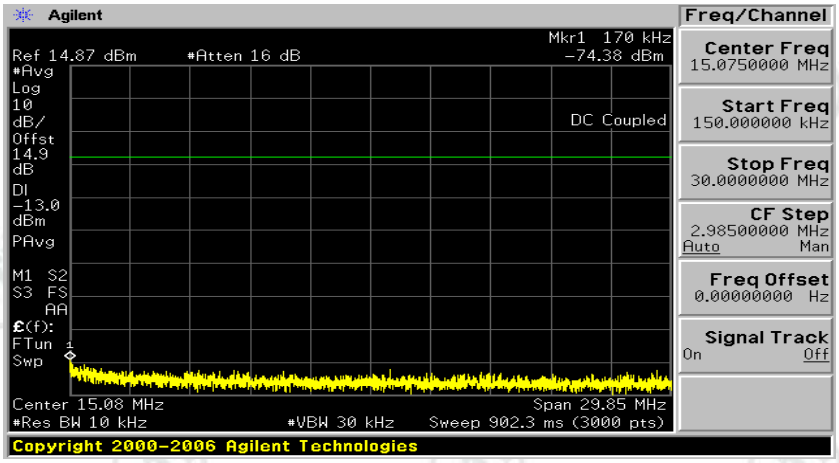


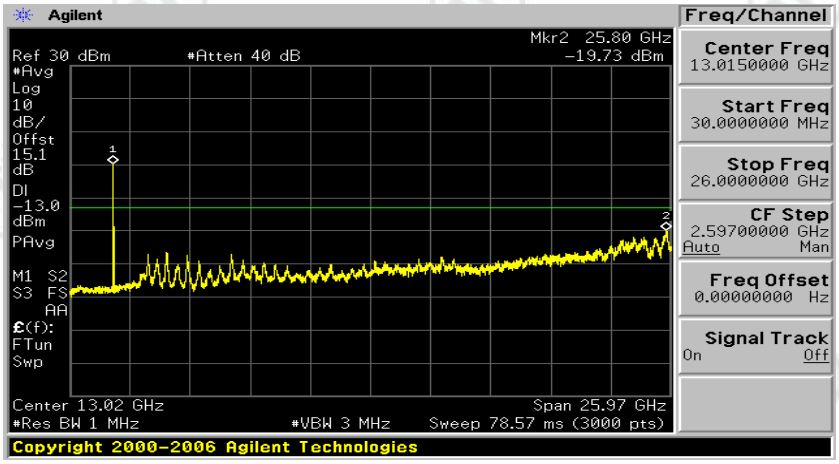




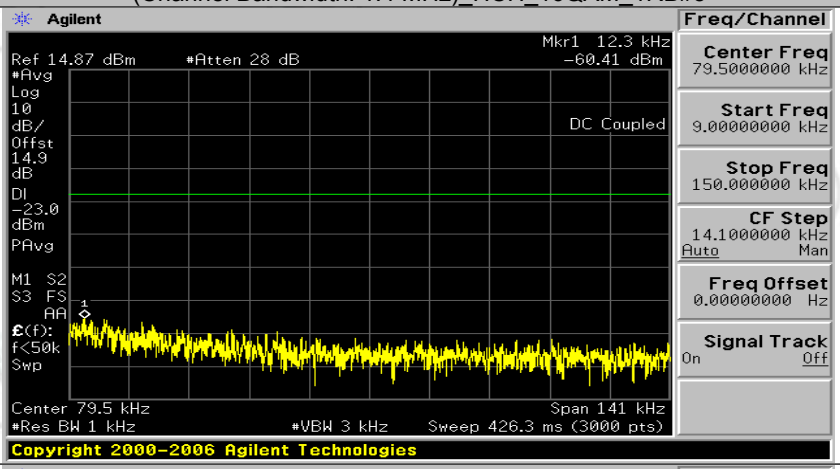
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3

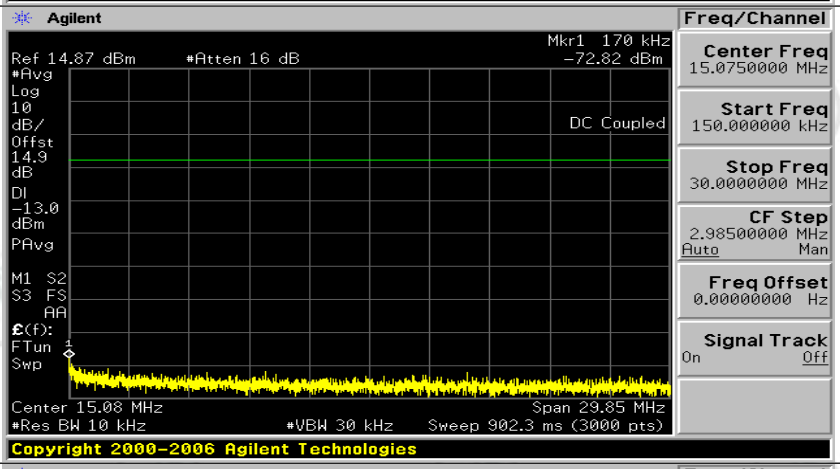


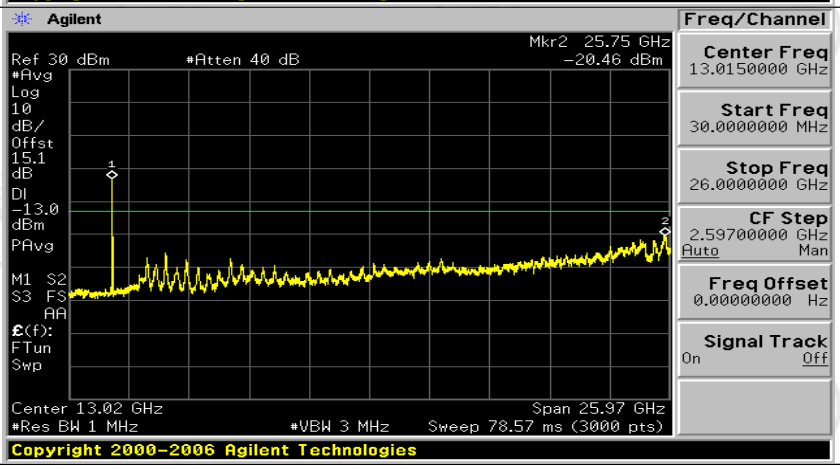




(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5

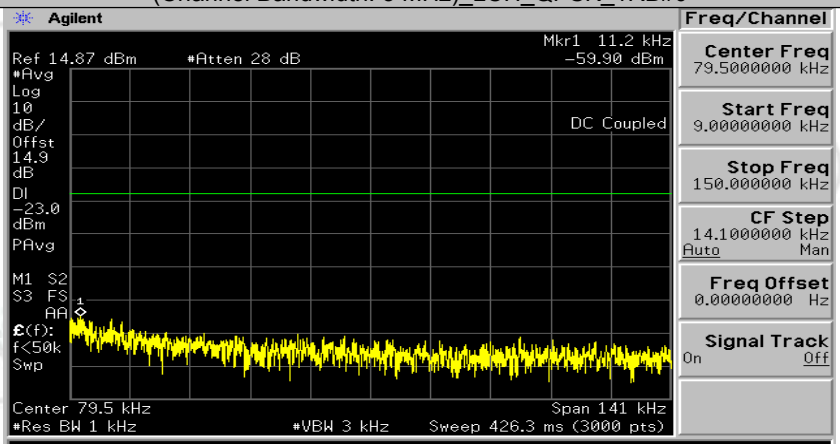


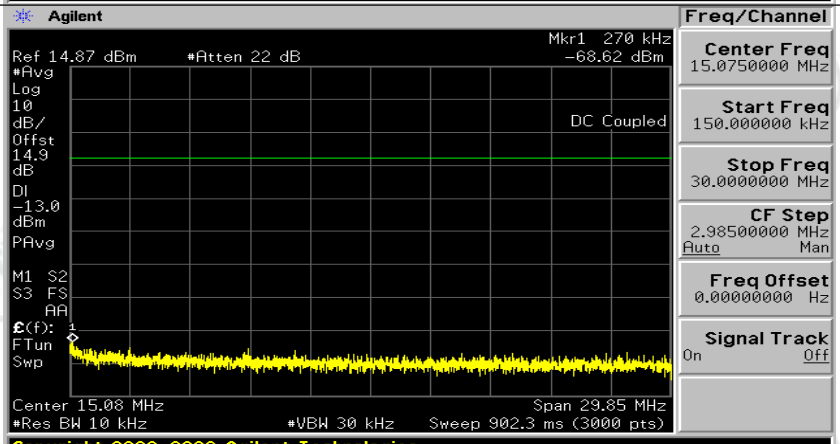


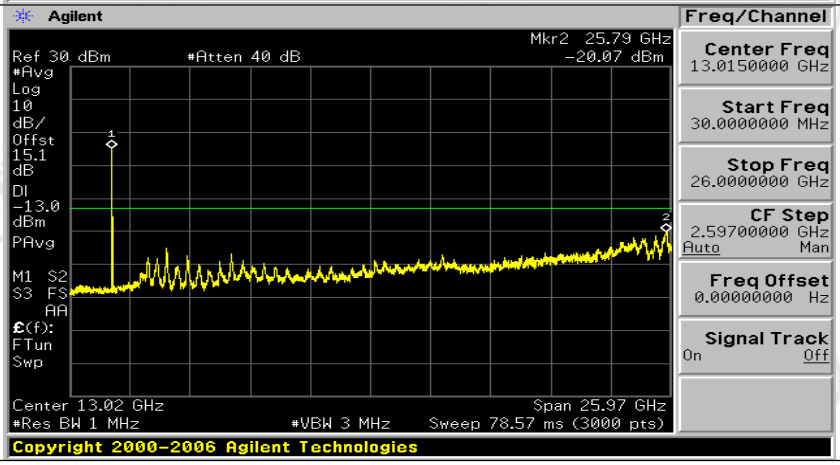


Channel Bandwidth: 3 MHz

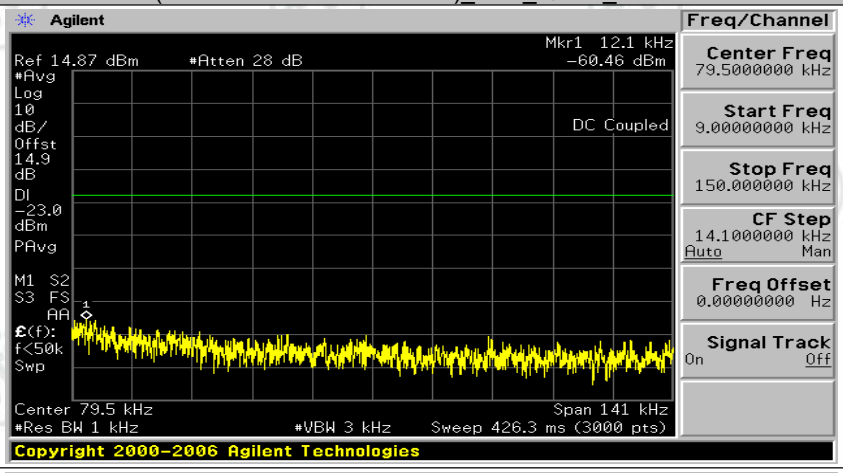
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0

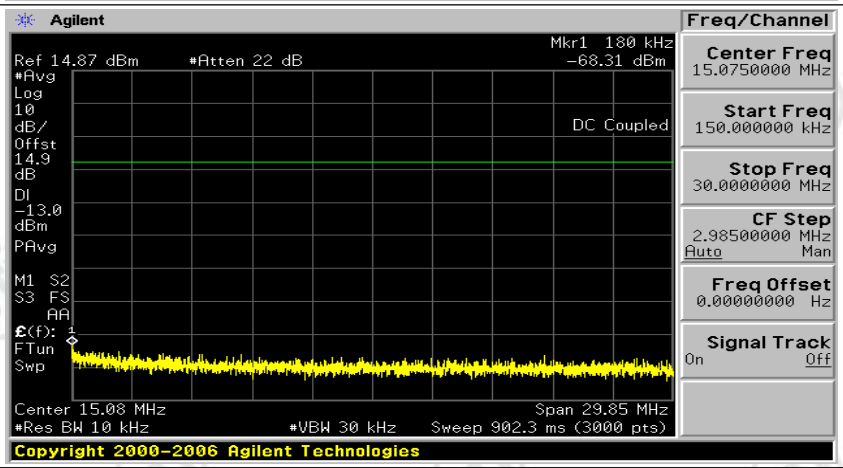


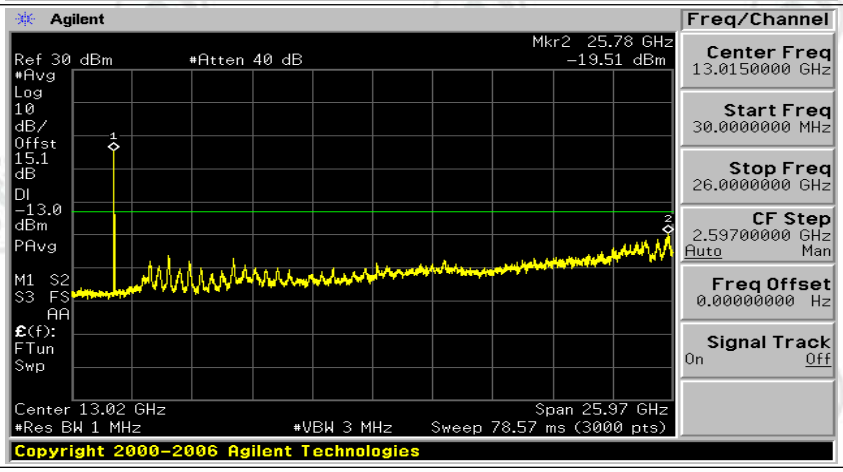




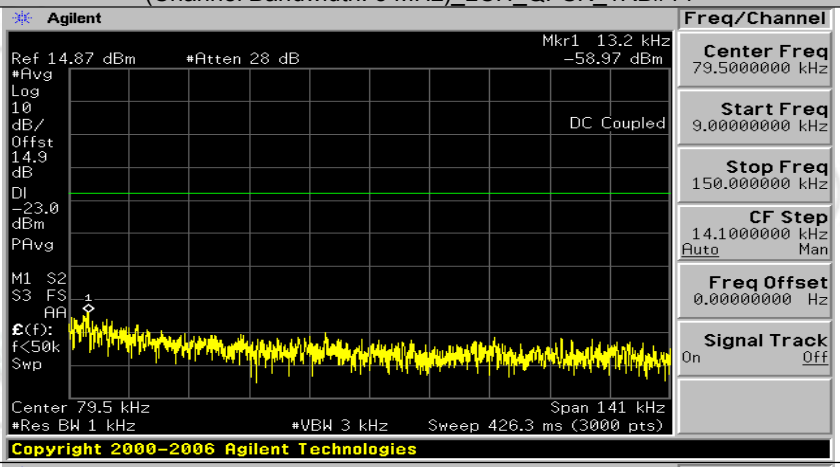
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7

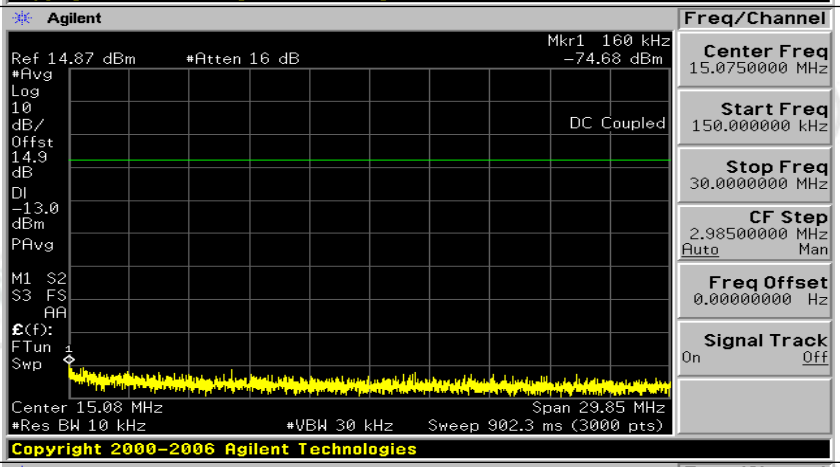


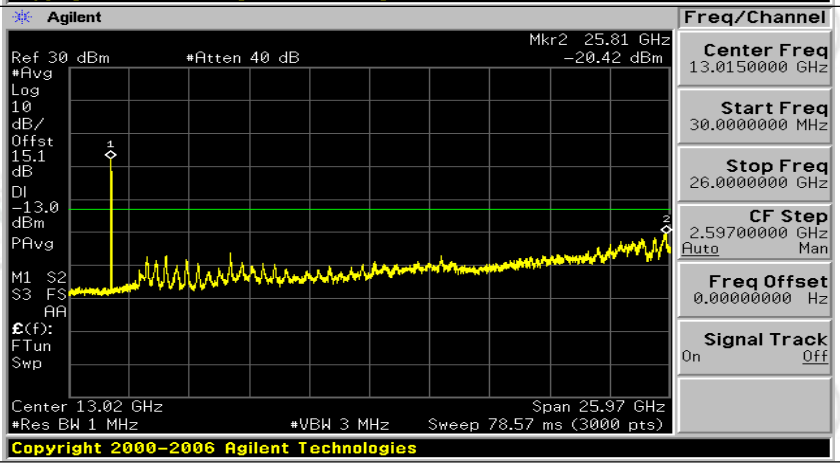




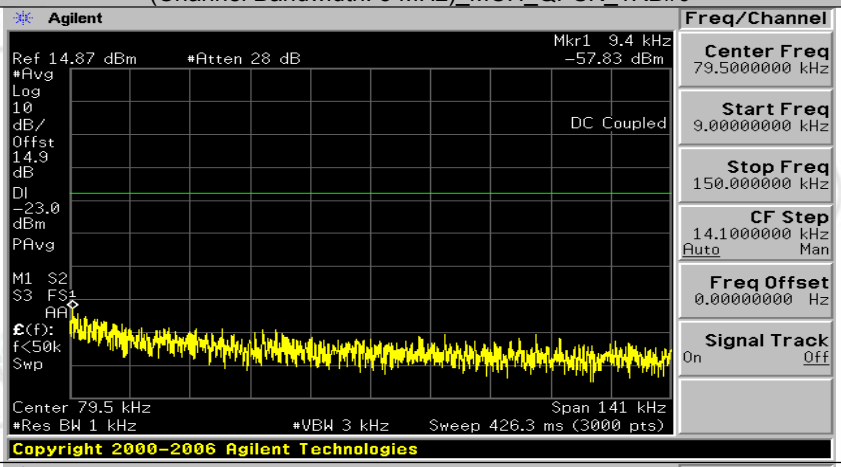
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14

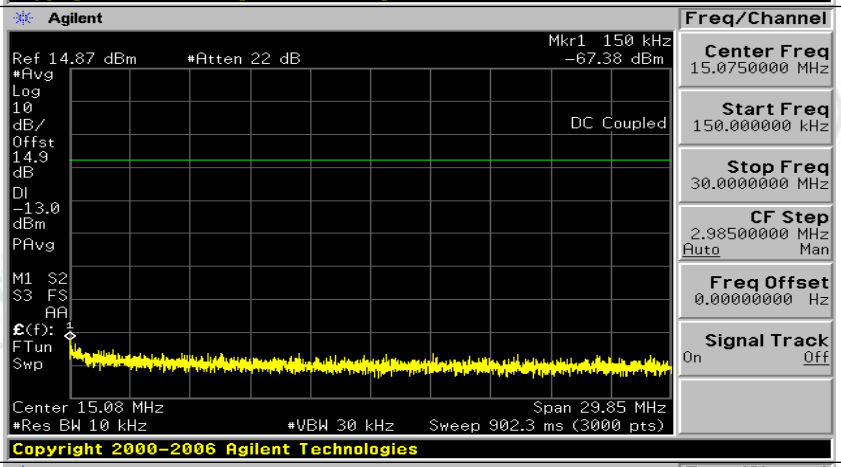


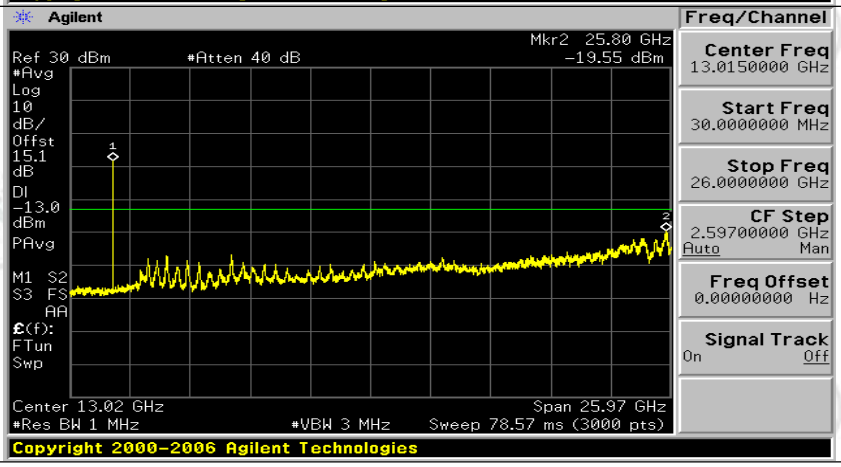




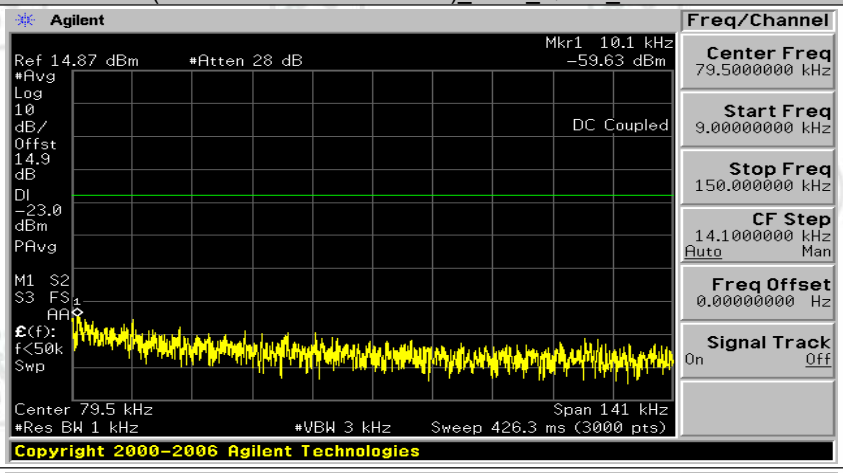
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

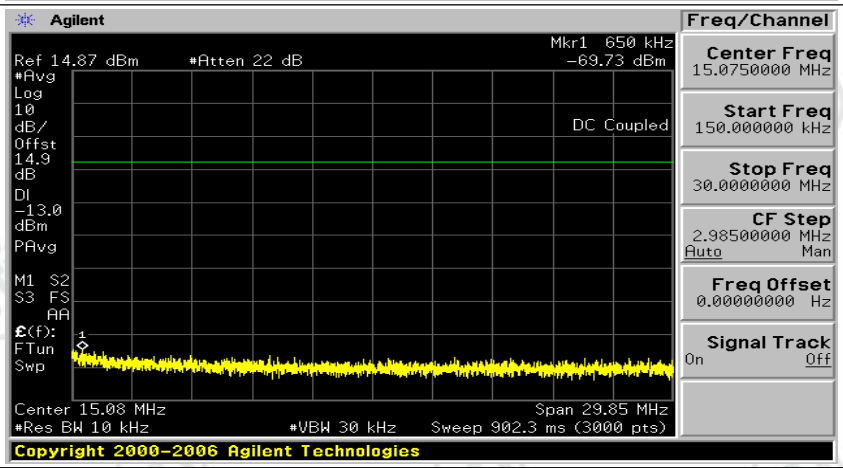


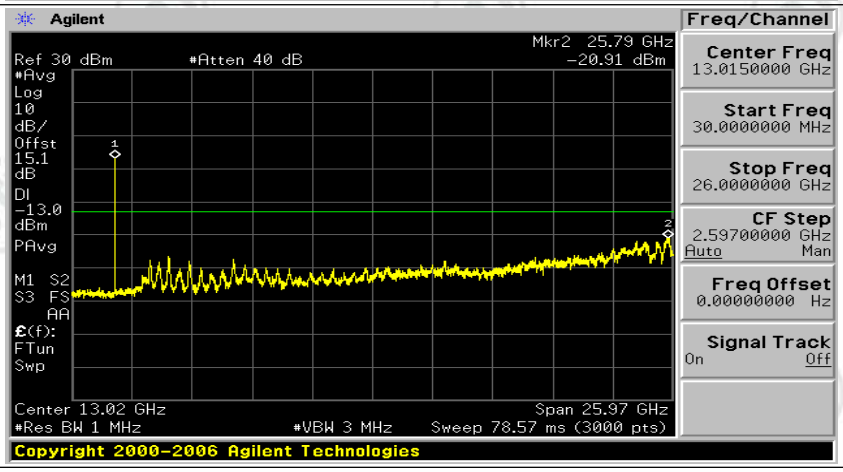




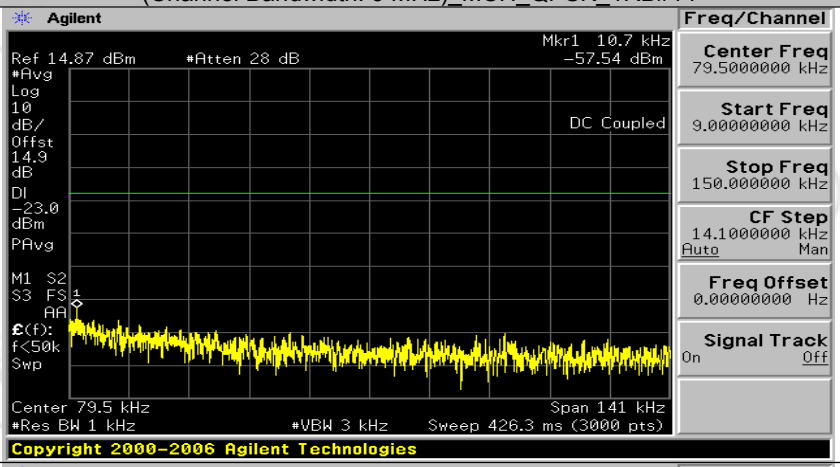
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

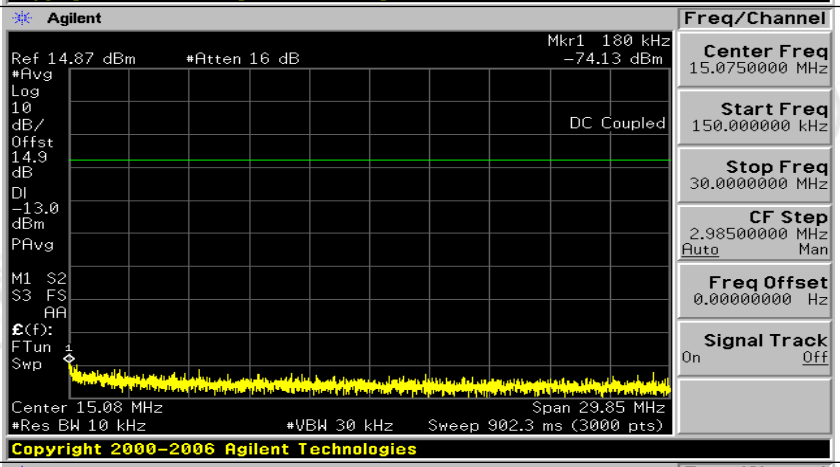


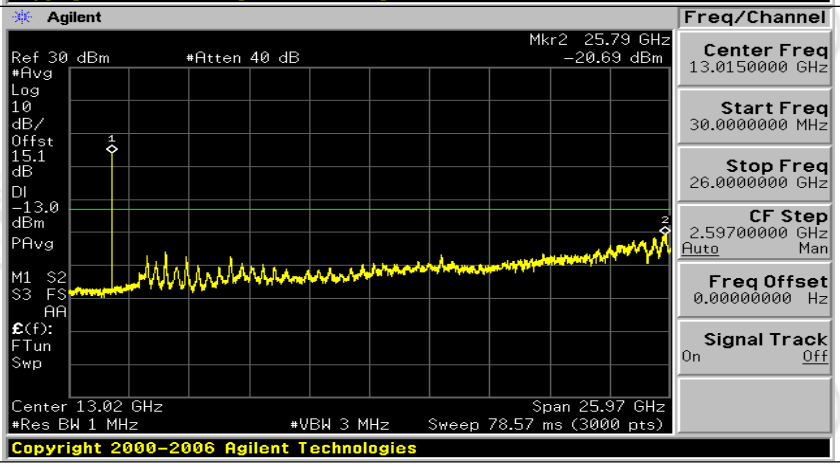




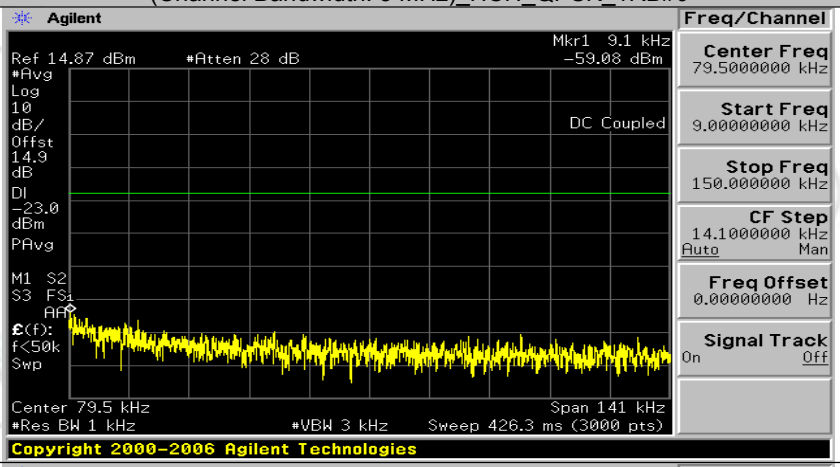
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

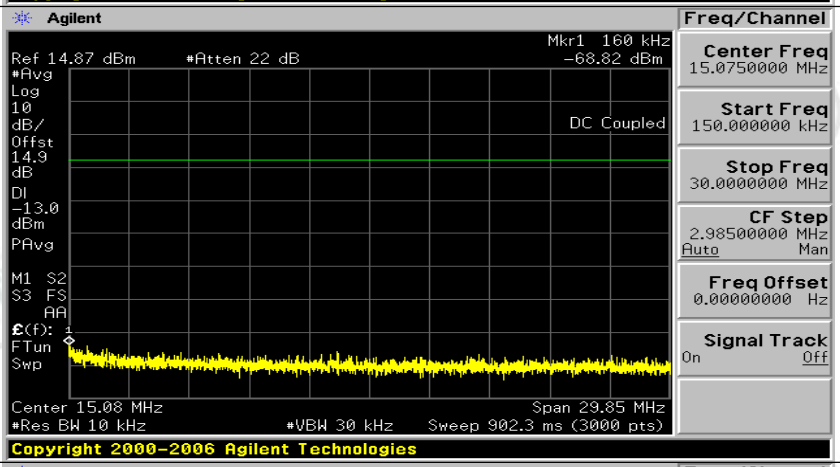


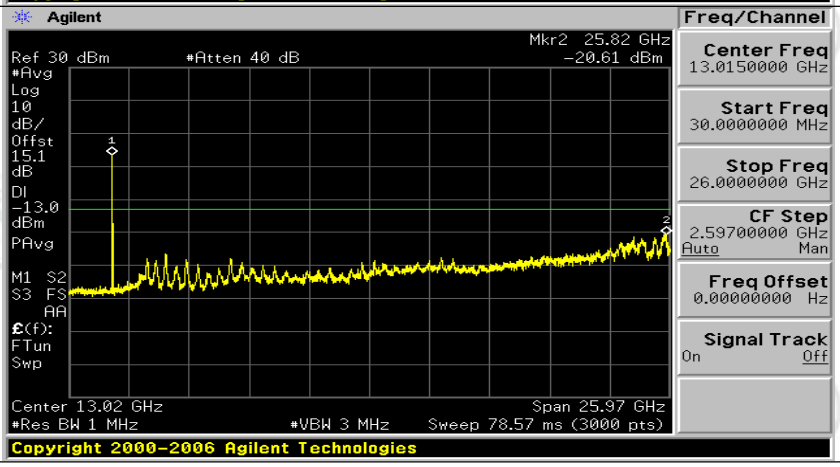




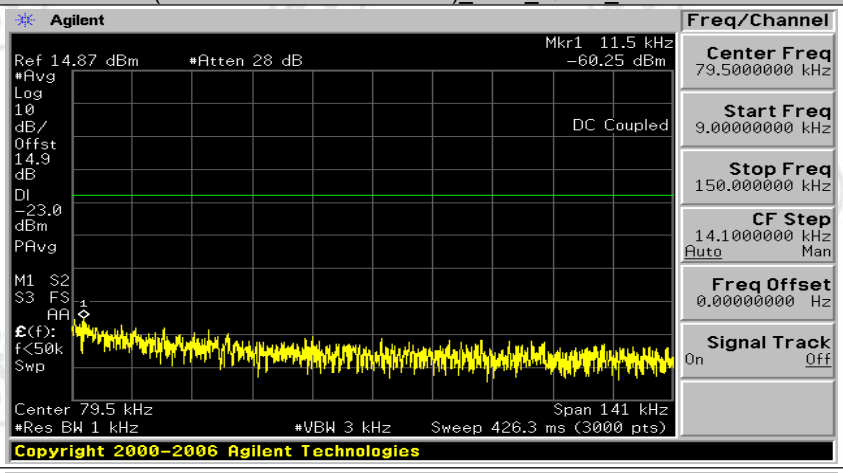
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

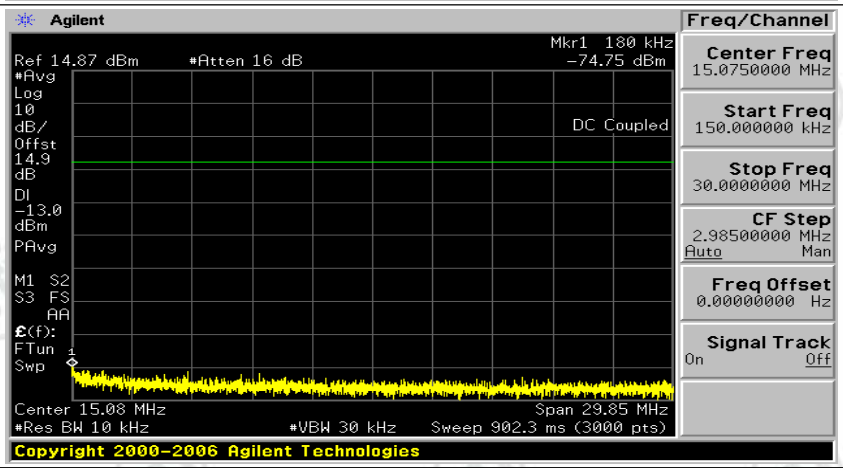


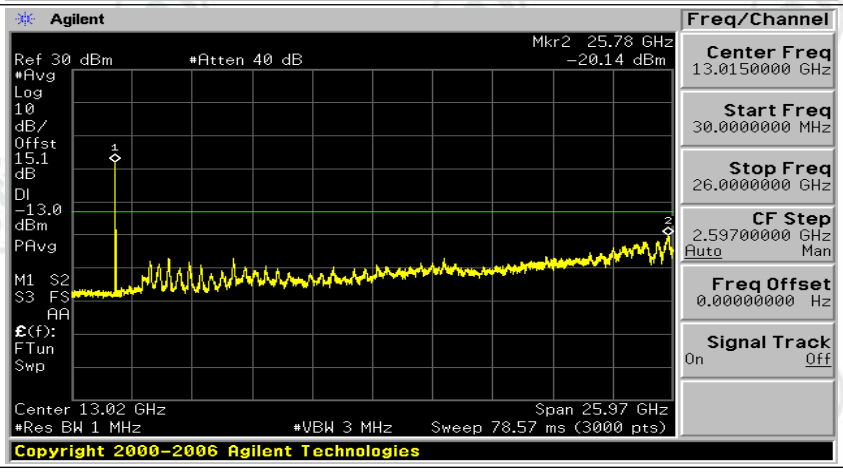




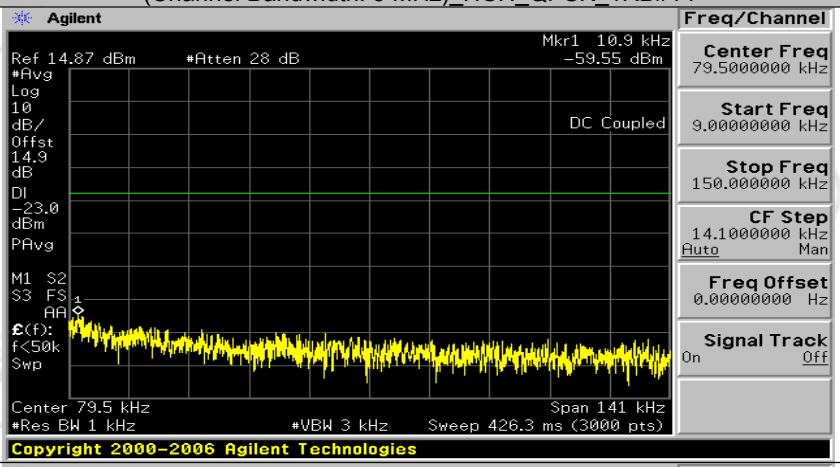
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7

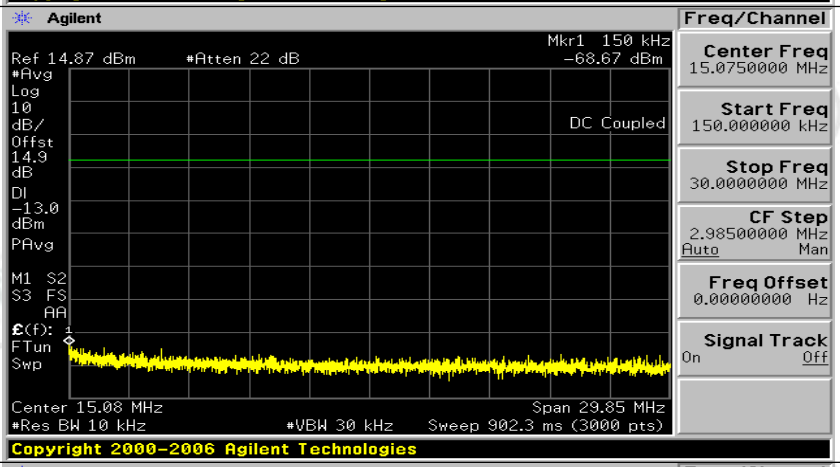


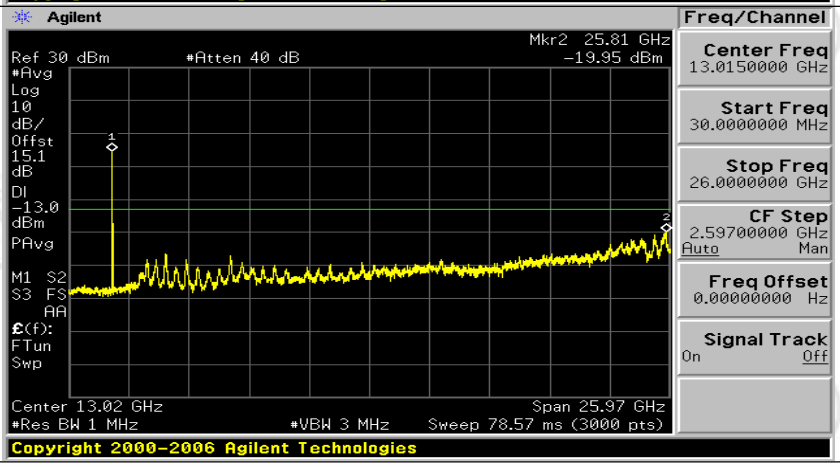




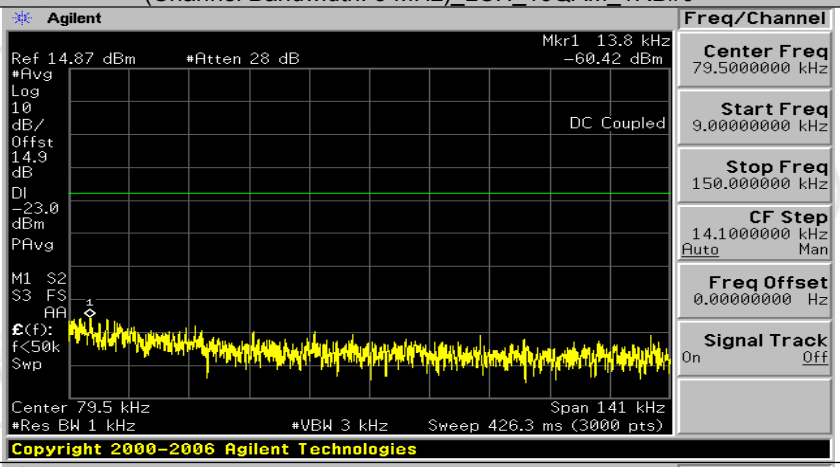
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14

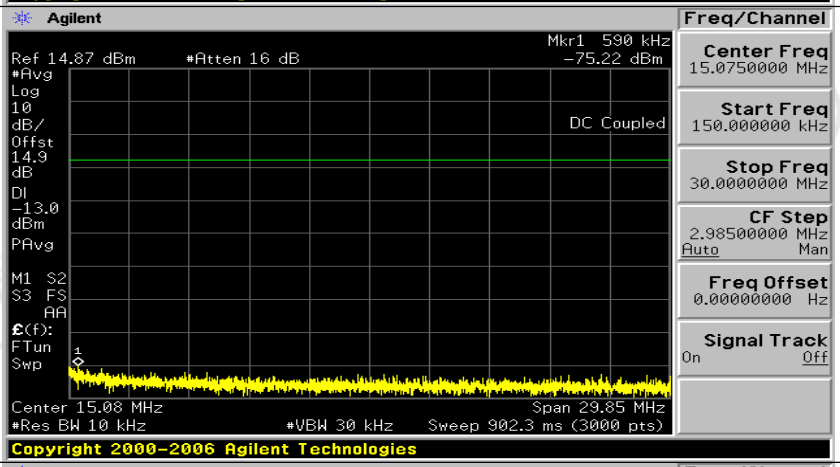


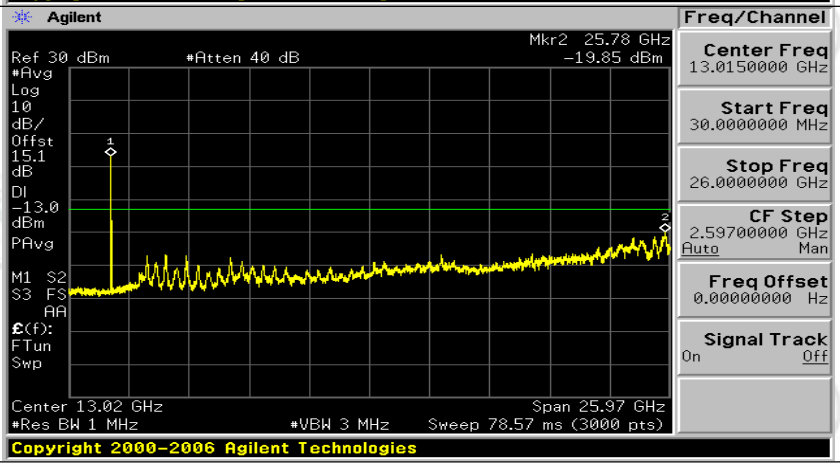




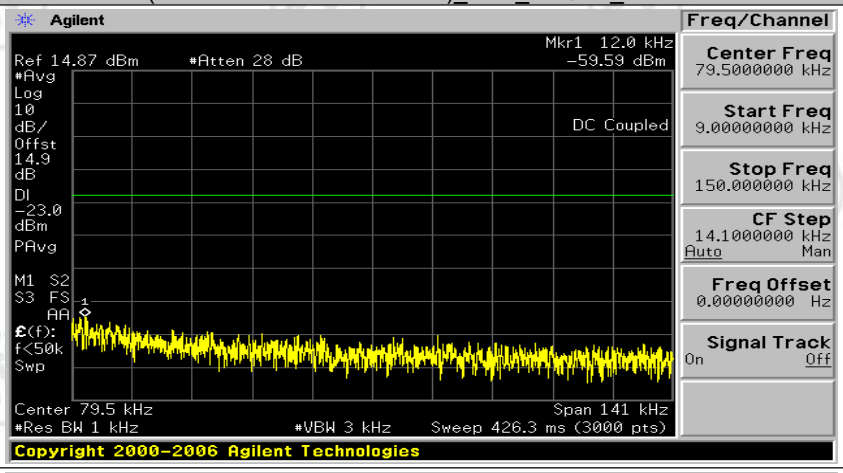
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0

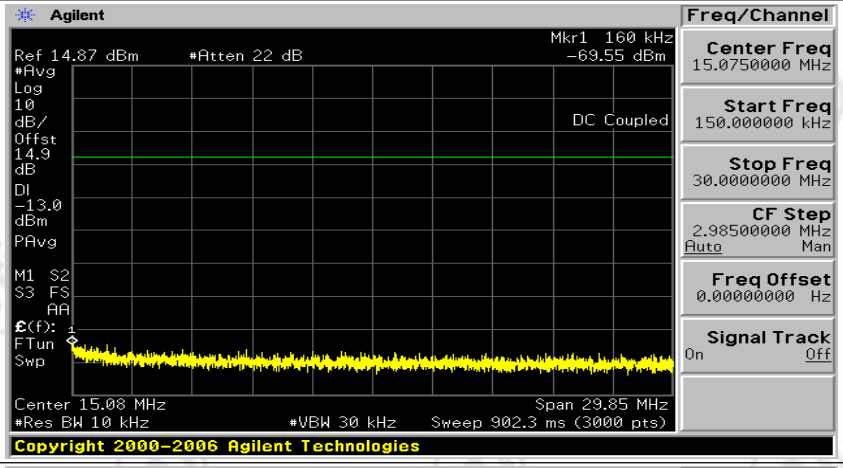


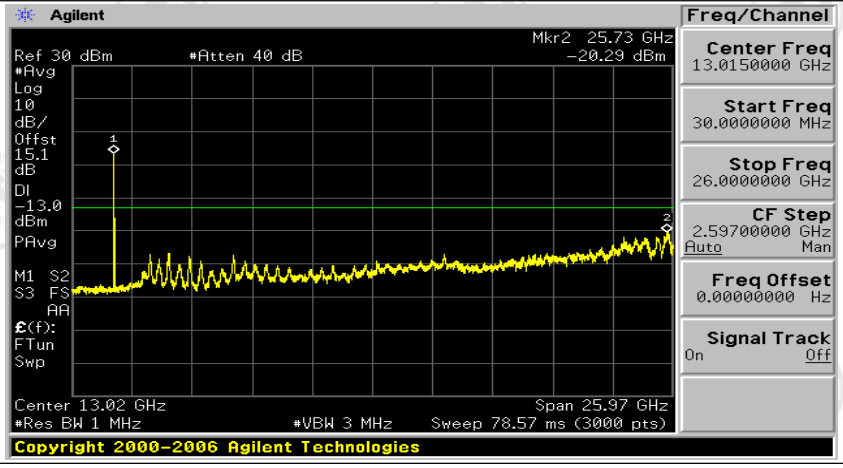




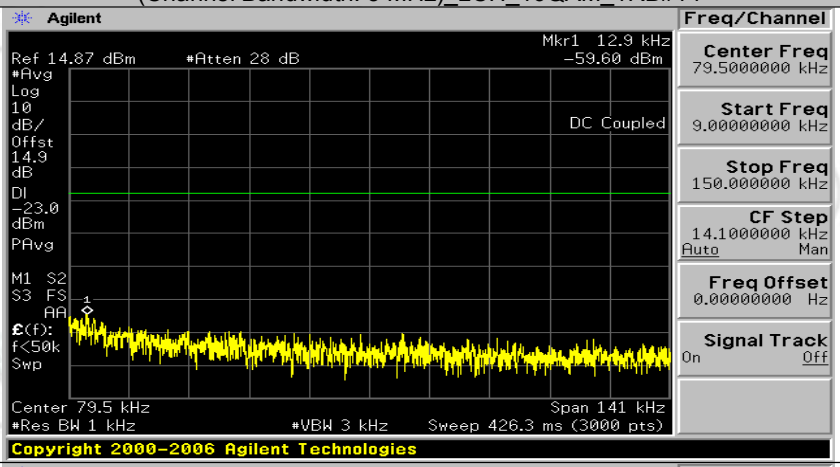
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7

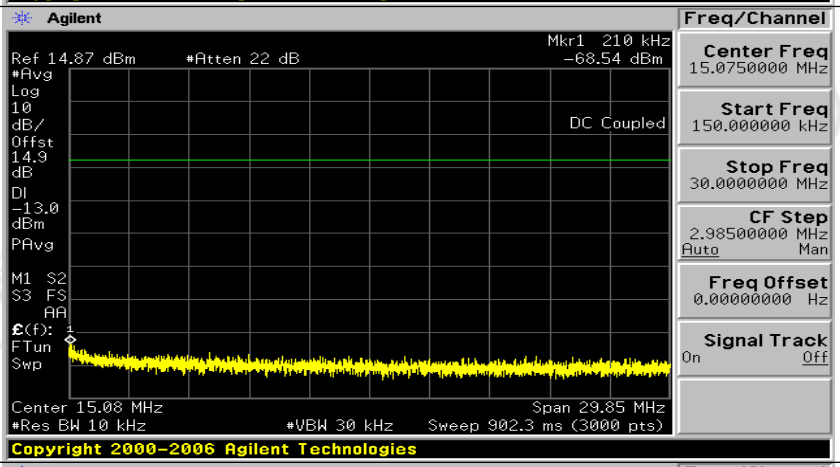


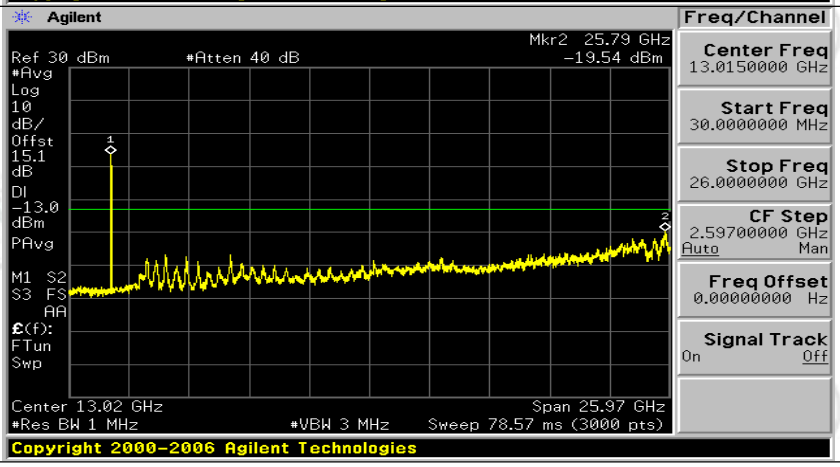




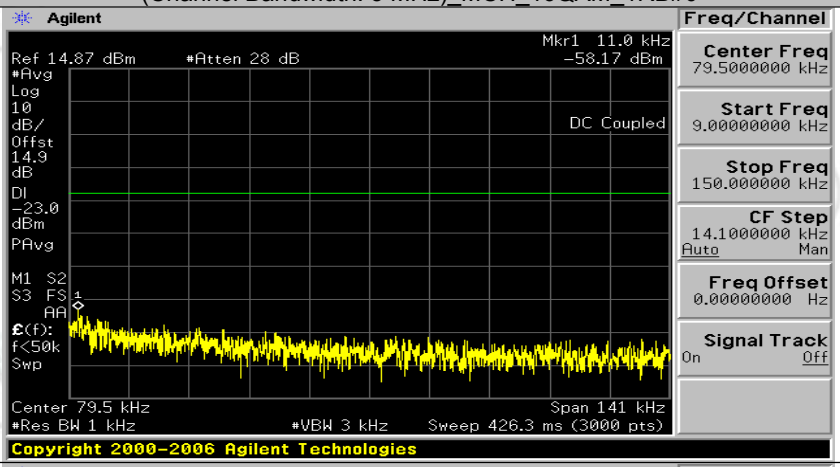
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14

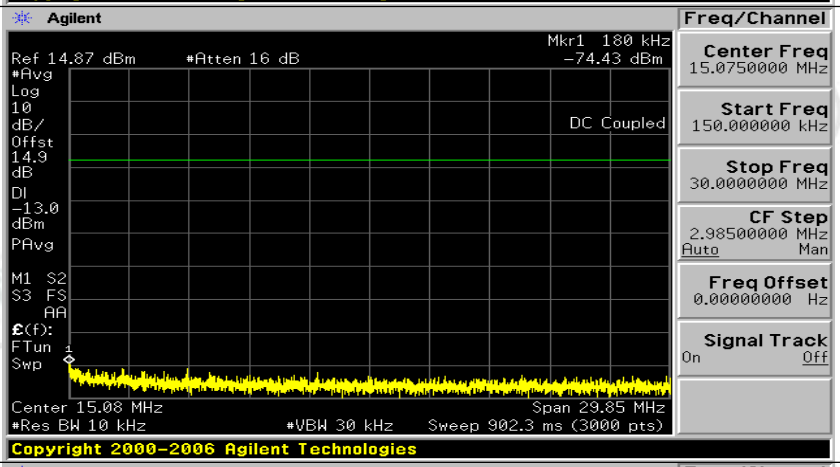


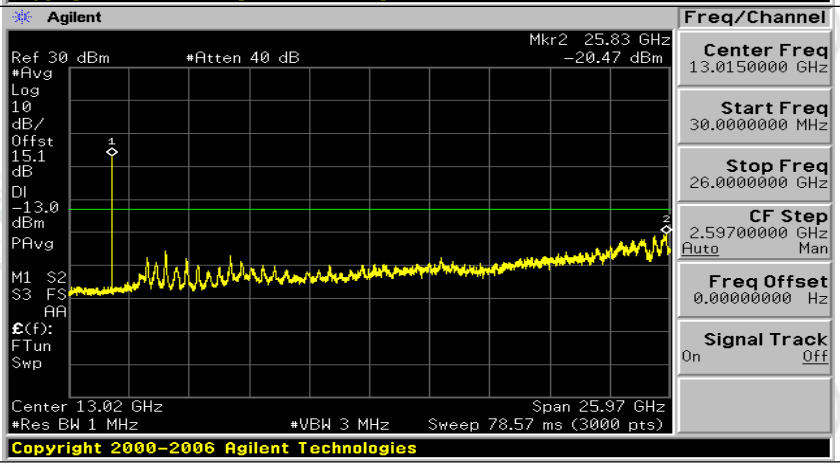




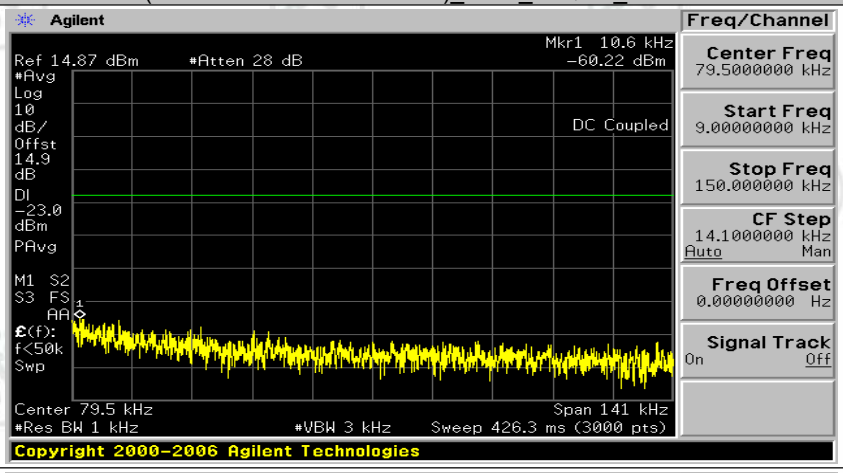
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

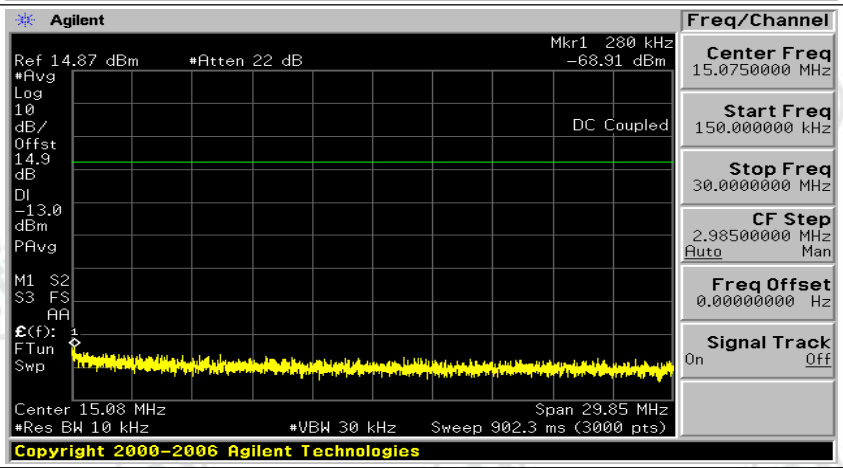


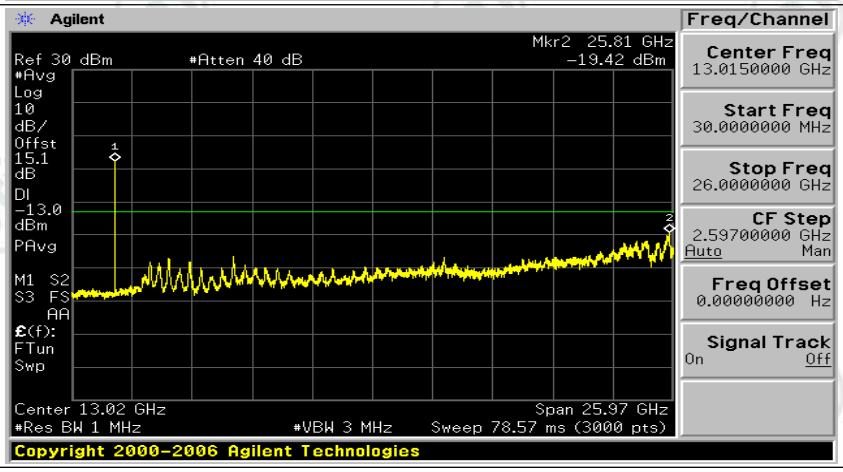




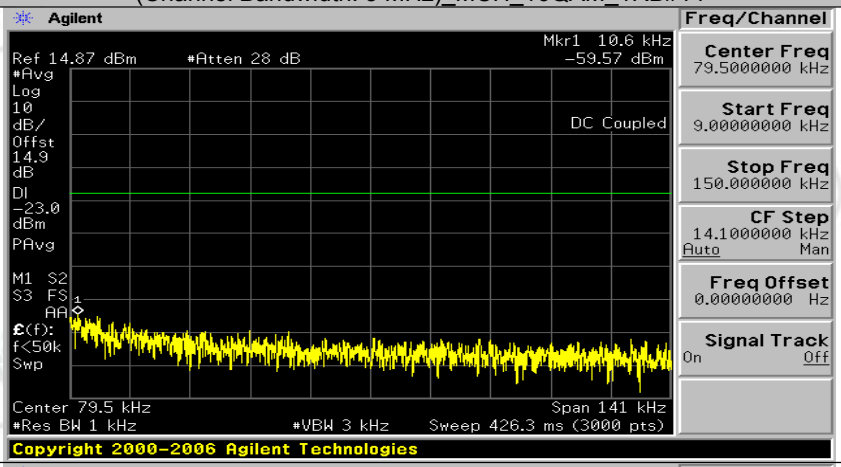
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

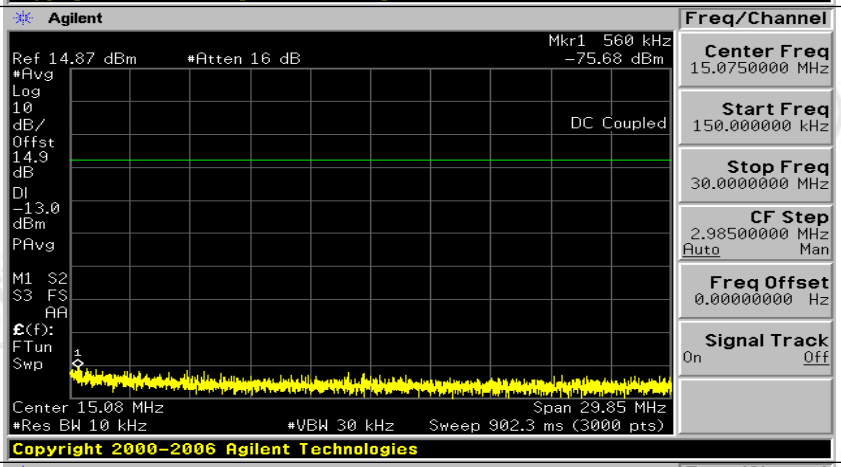


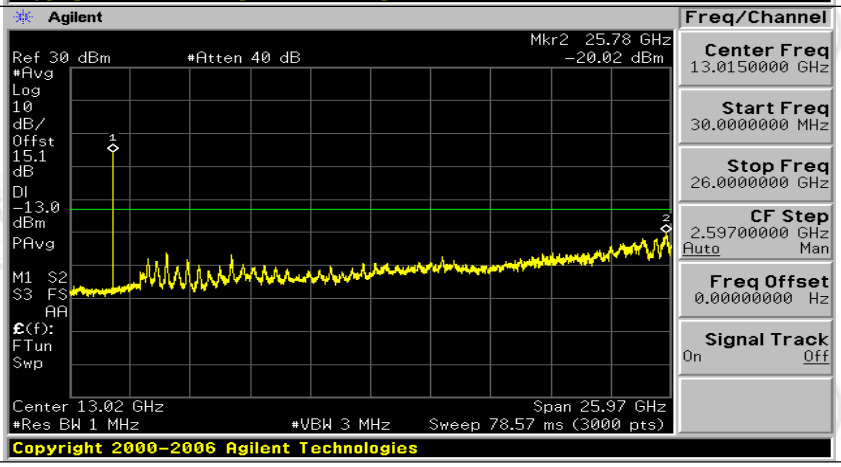




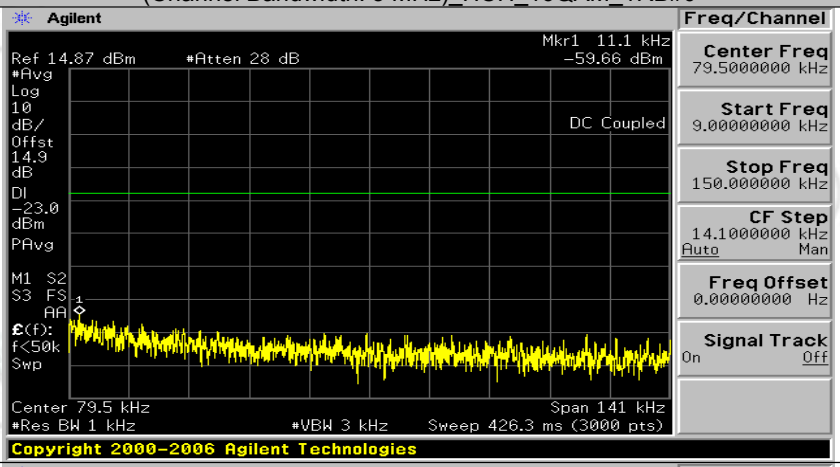
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

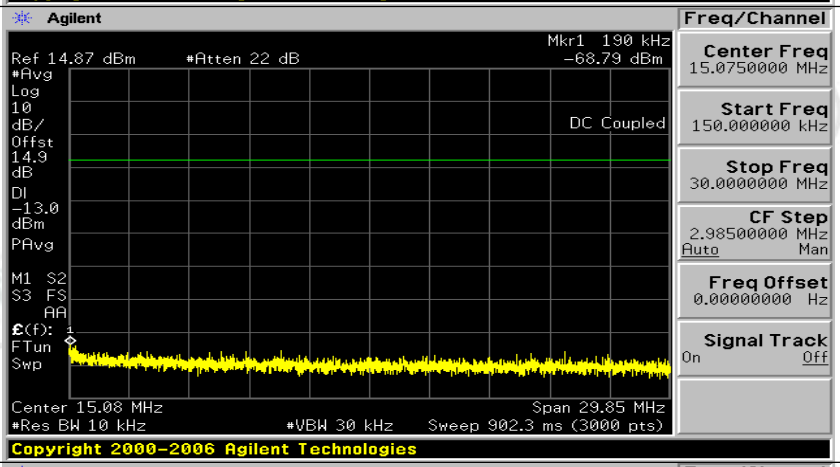


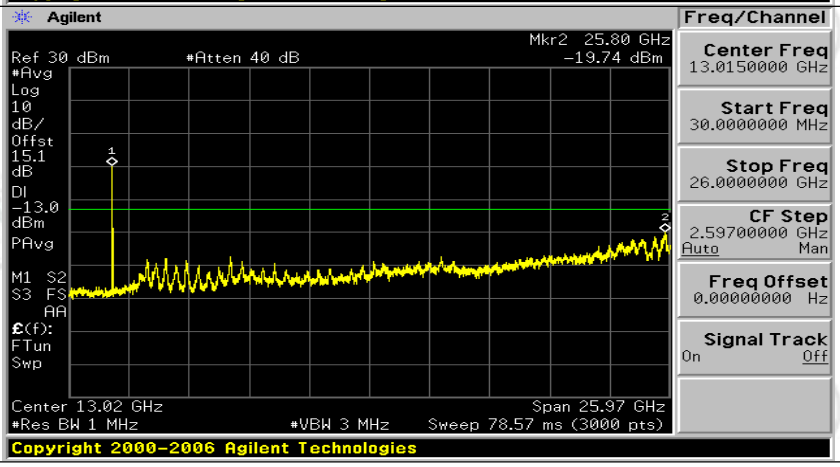




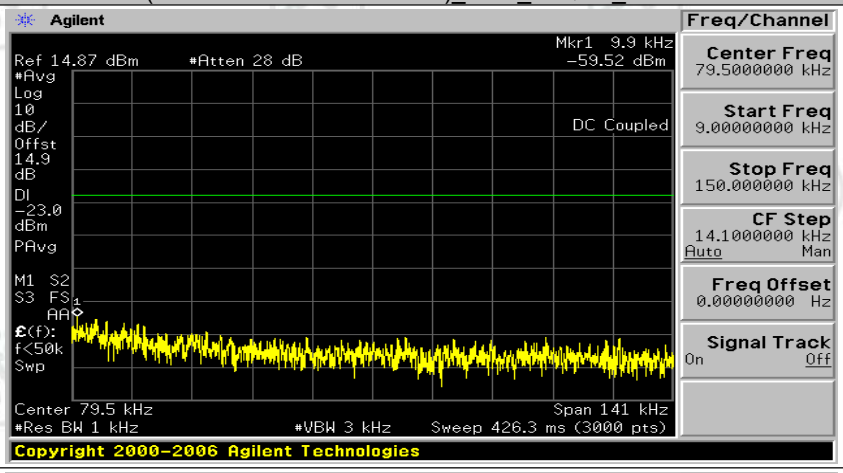
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0

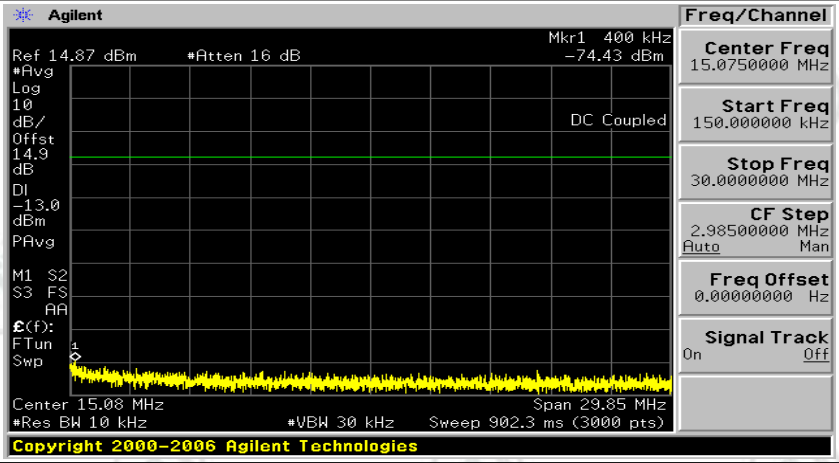


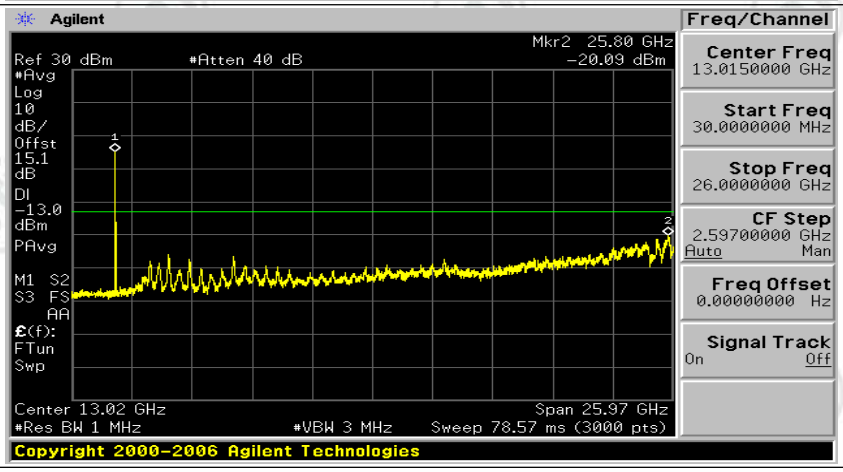




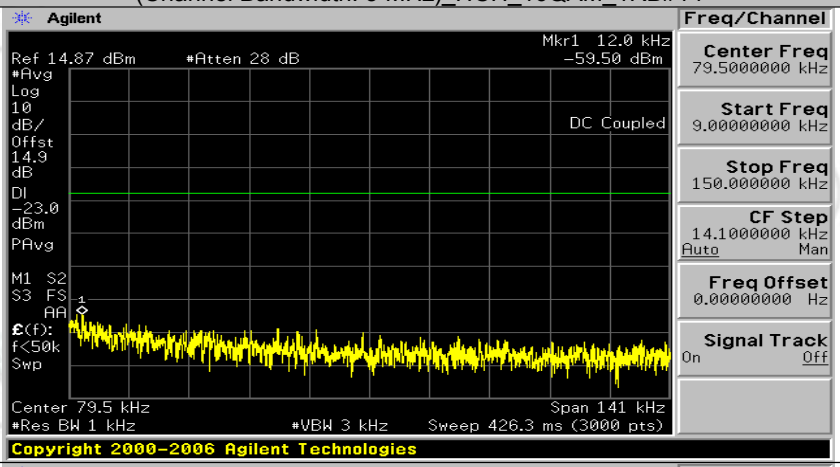
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7

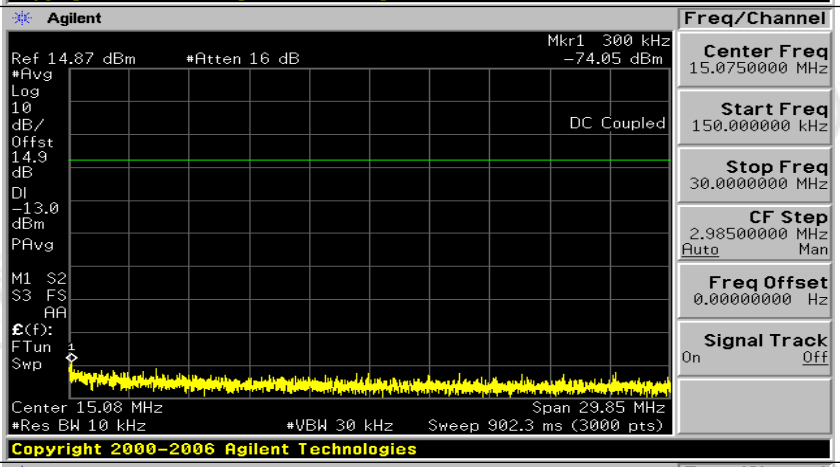


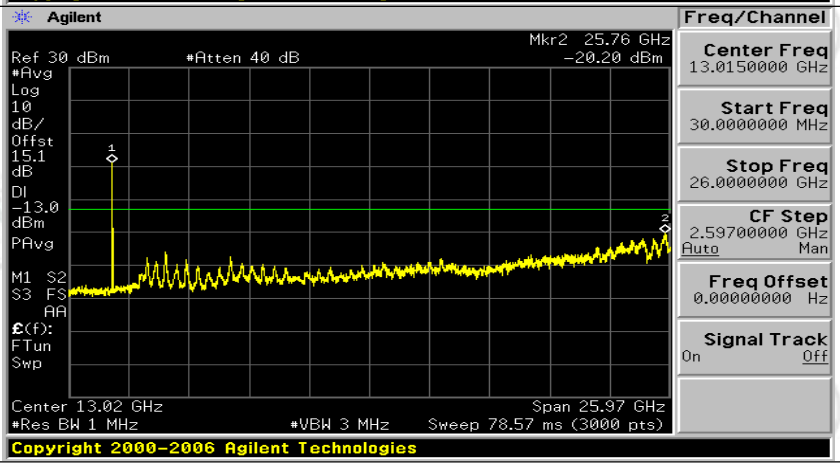




(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14

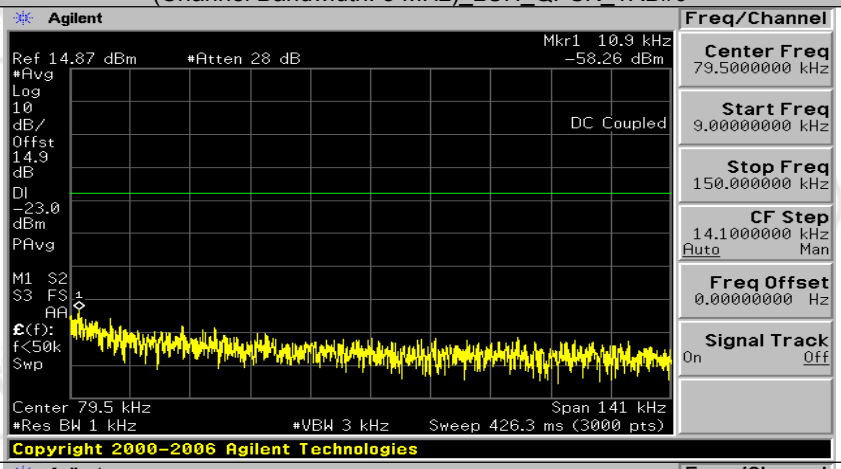


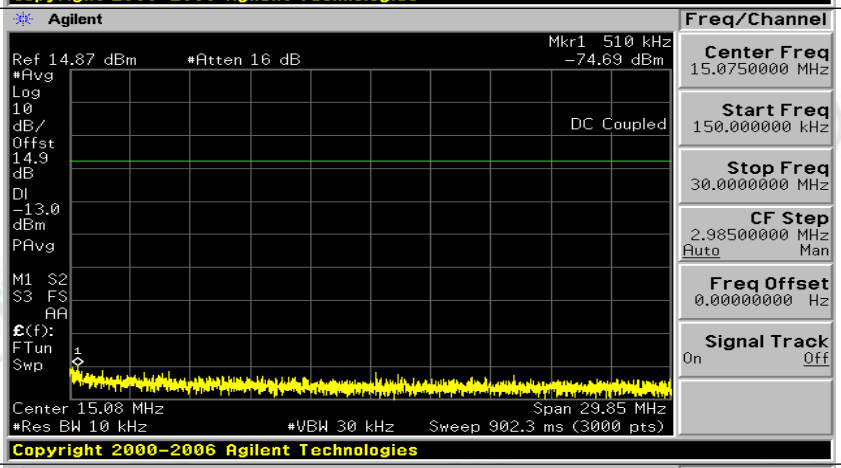


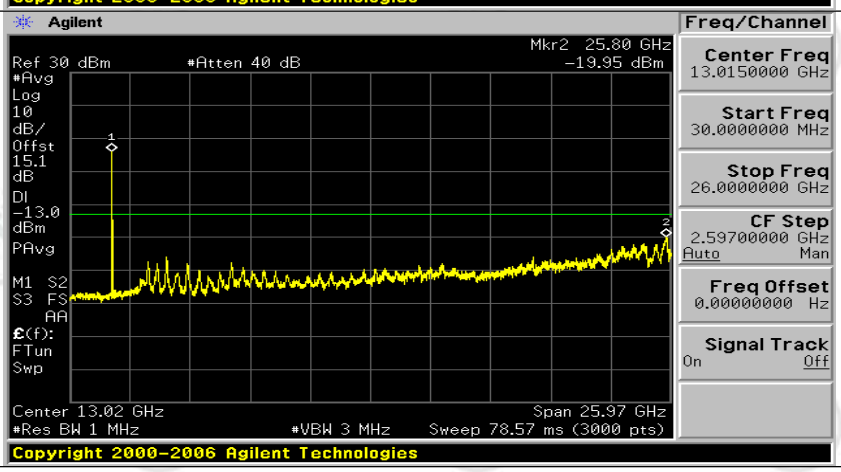


Channel Bandwidth: 5 MHz

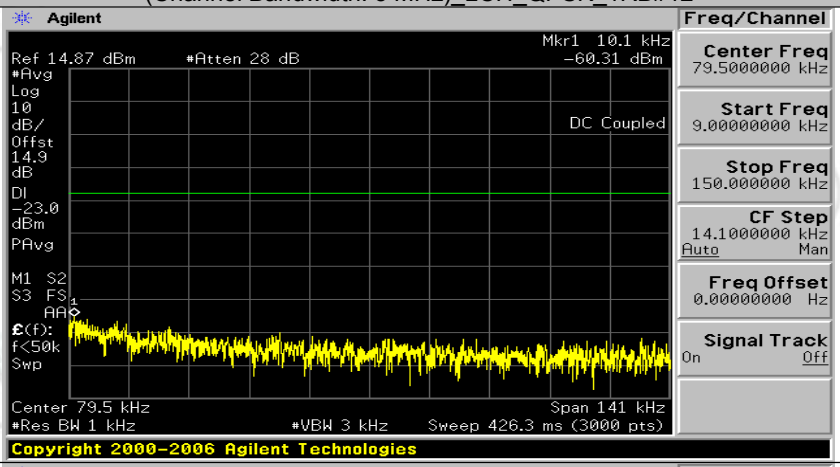
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

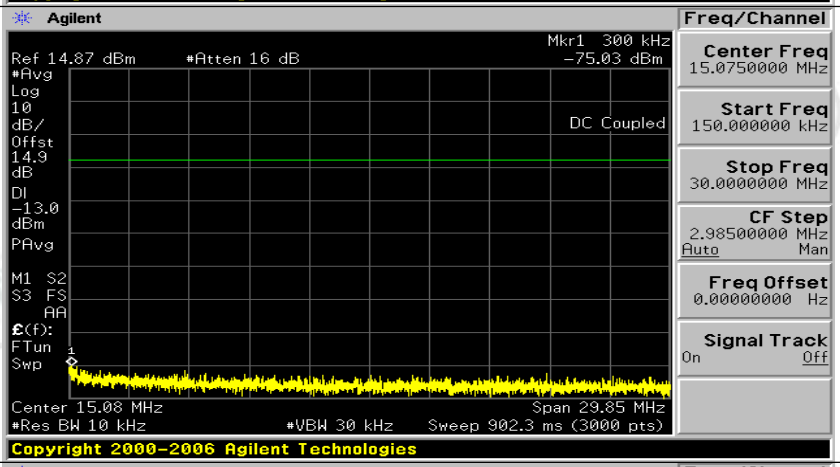


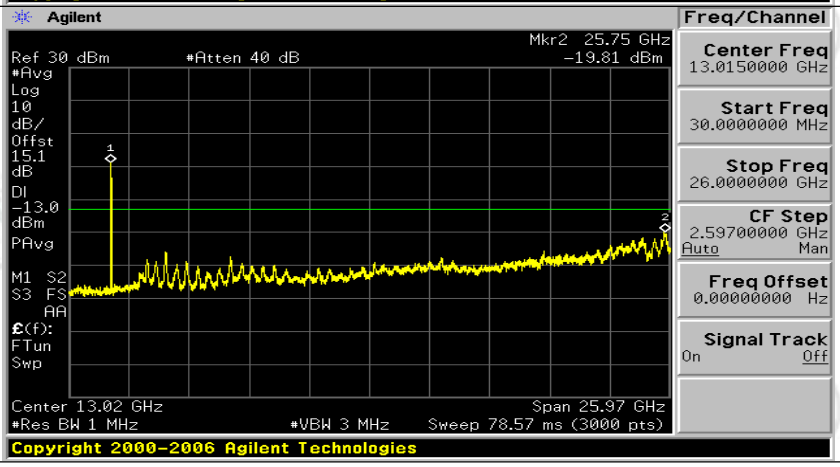




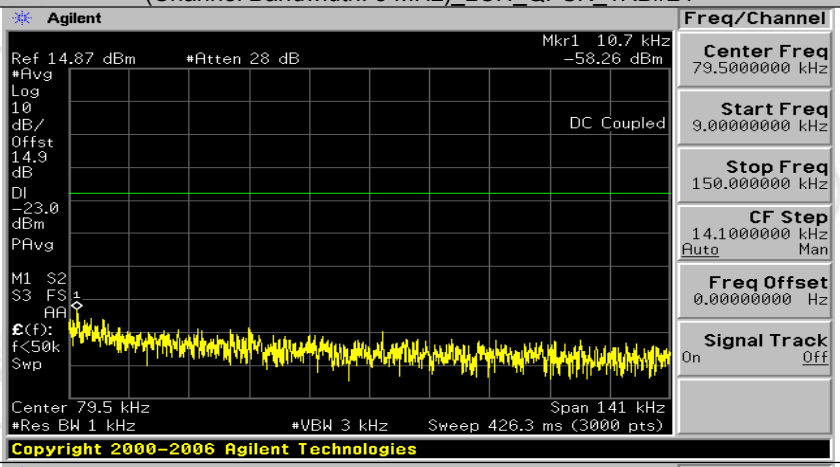
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12

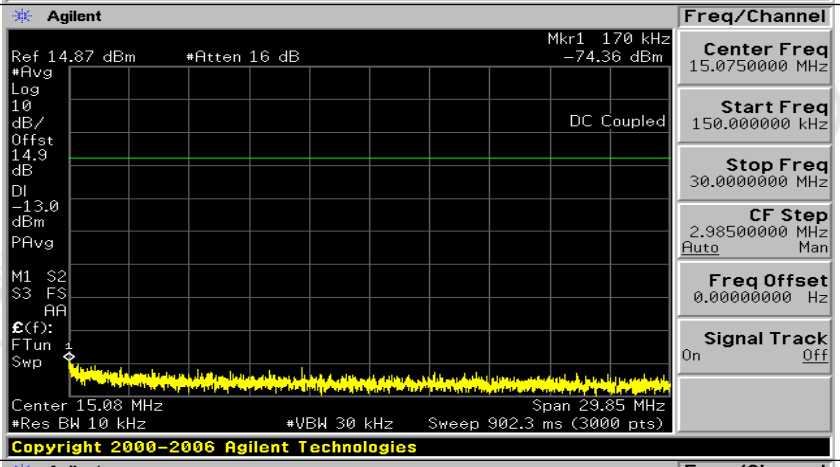


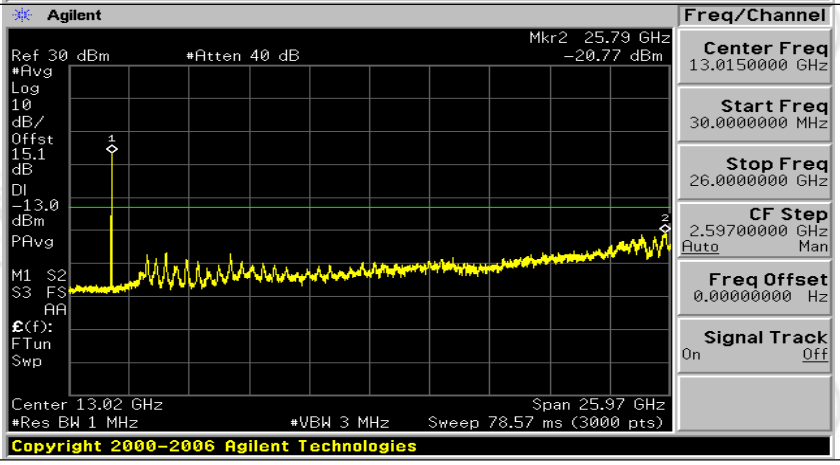




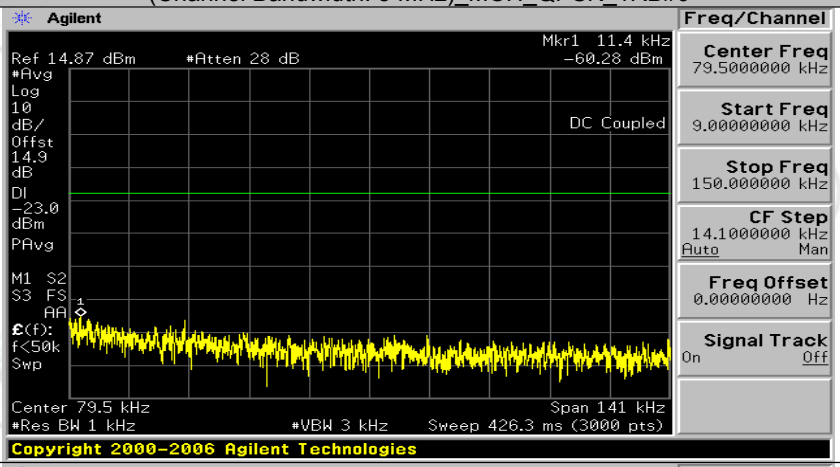
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24

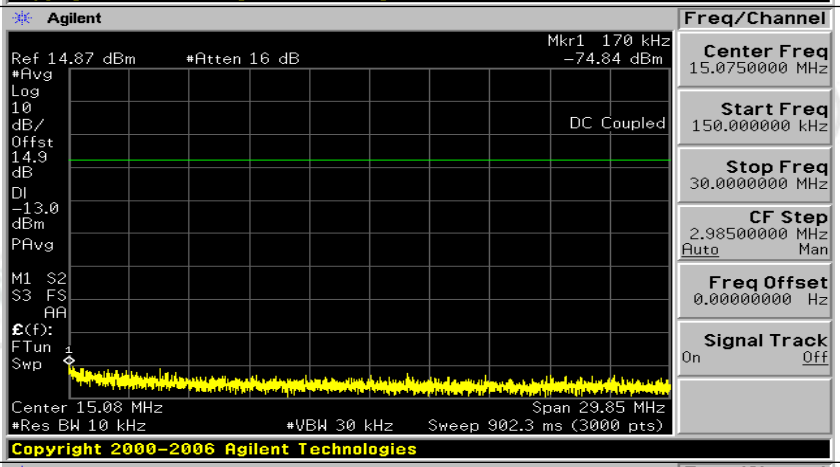


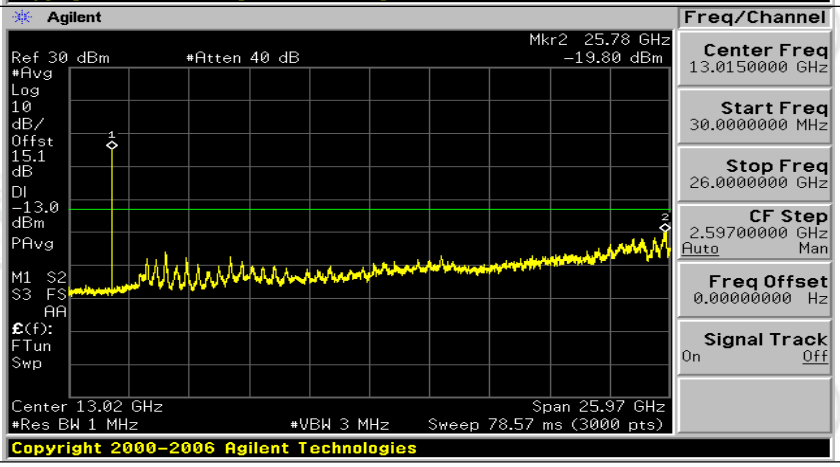




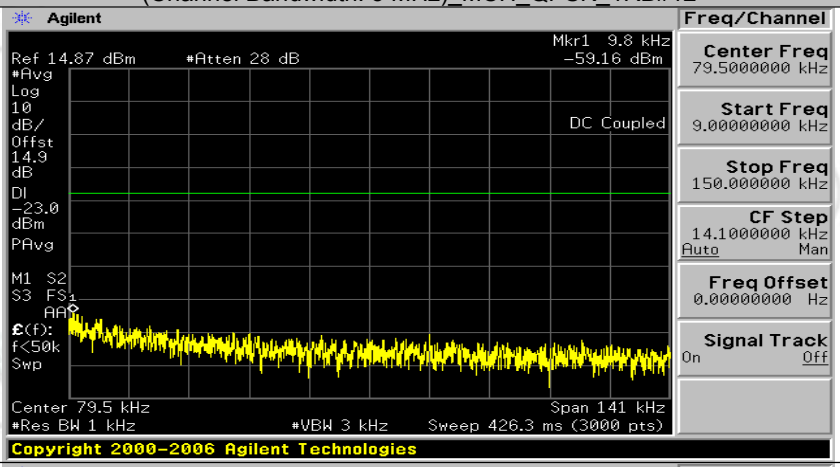
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

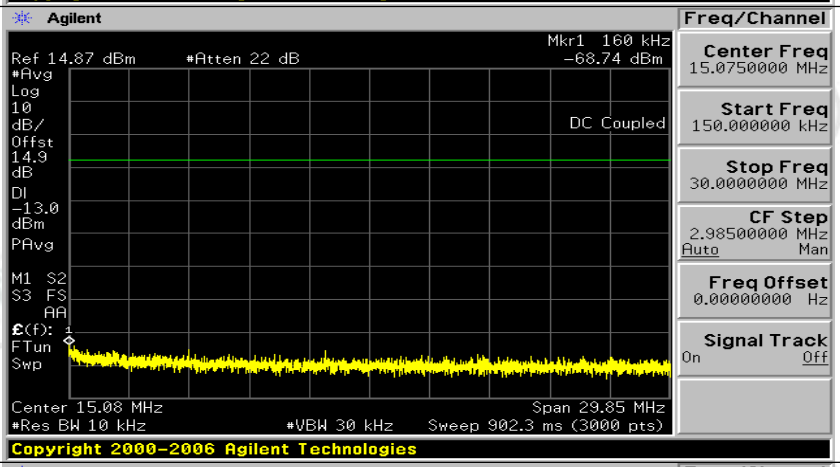


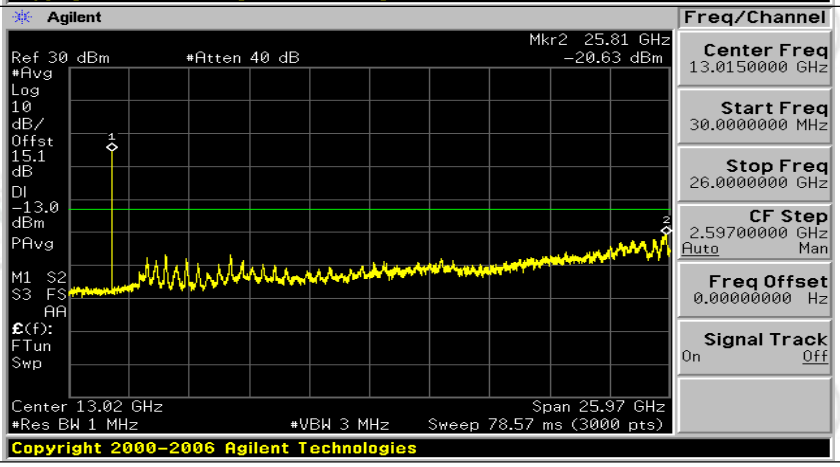




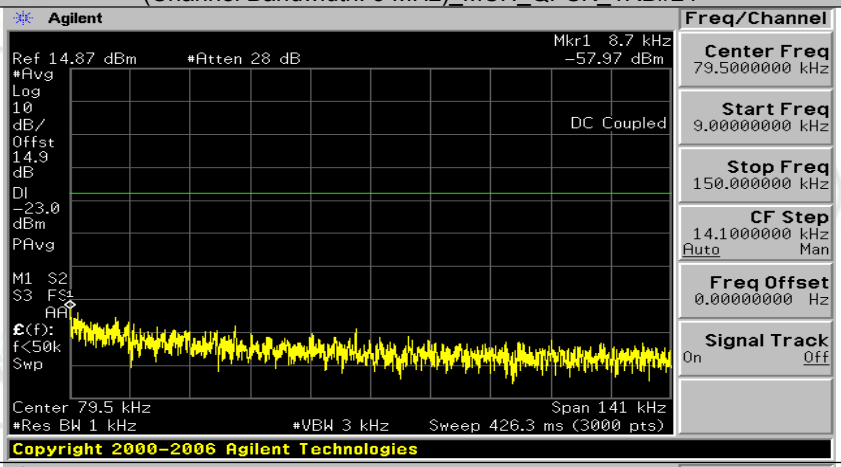
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

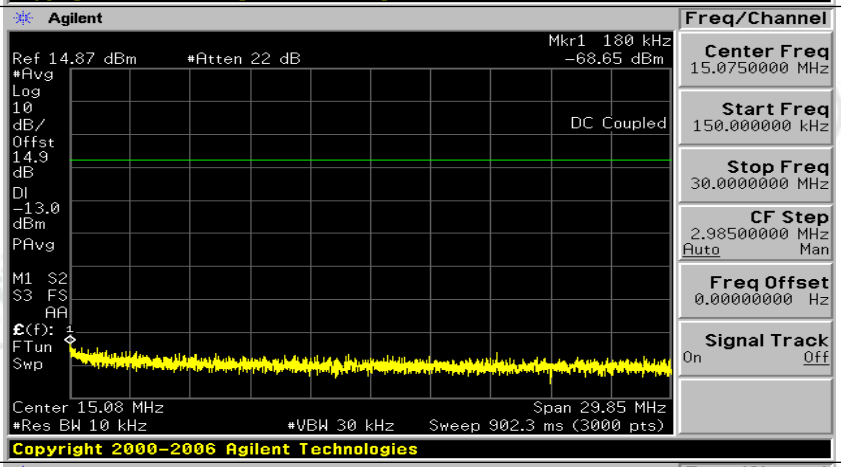


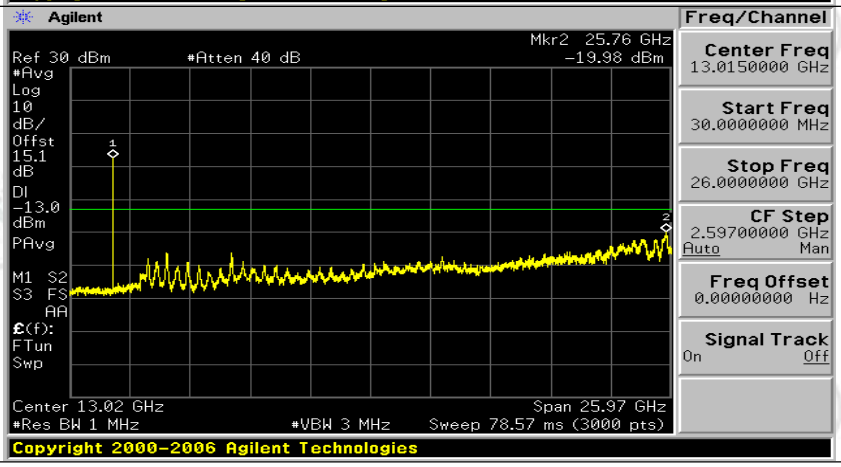




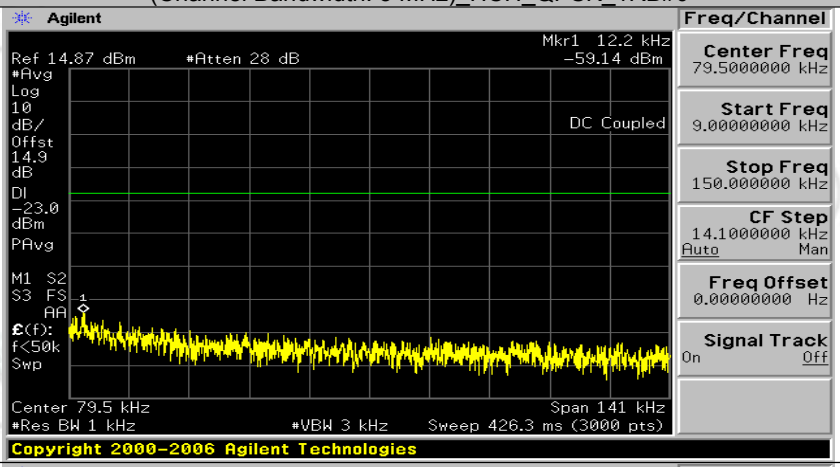
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

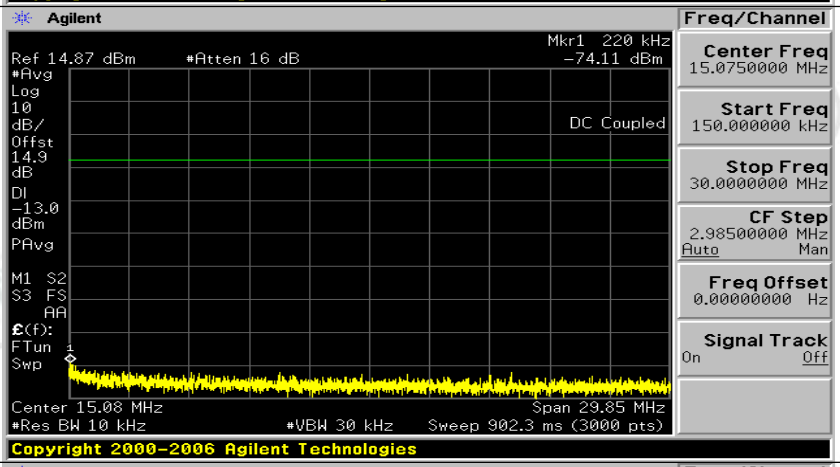


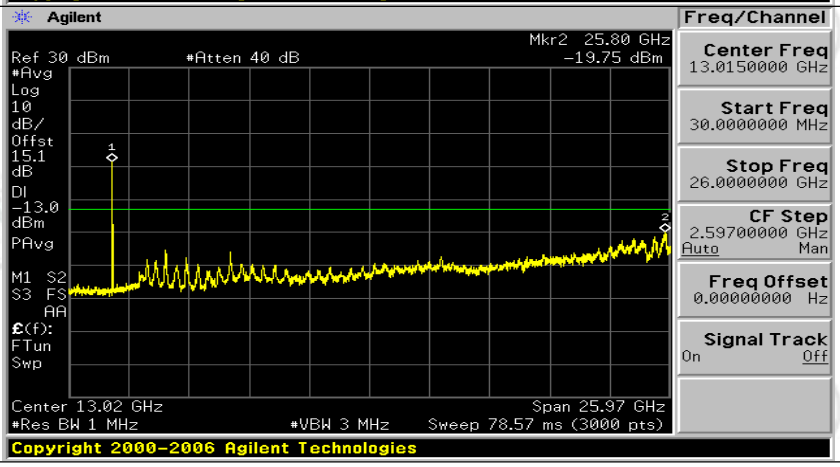




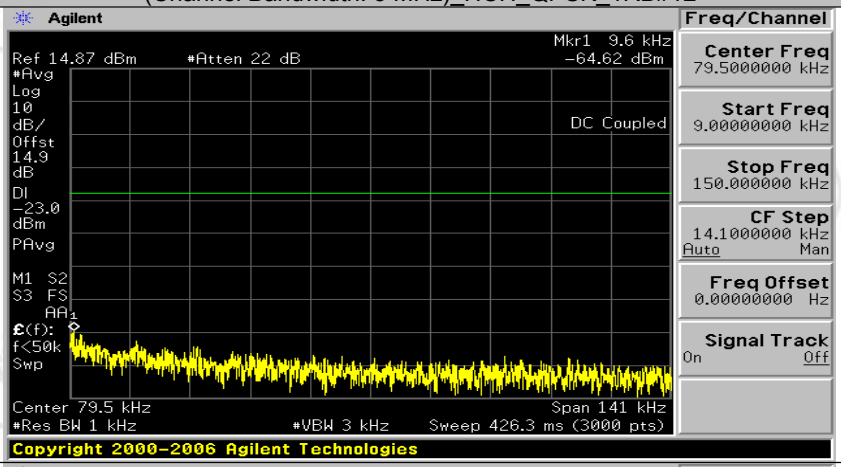
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

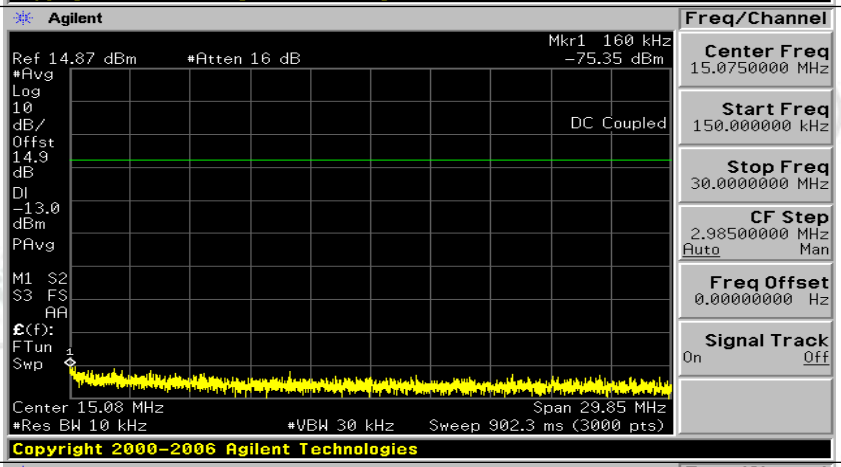


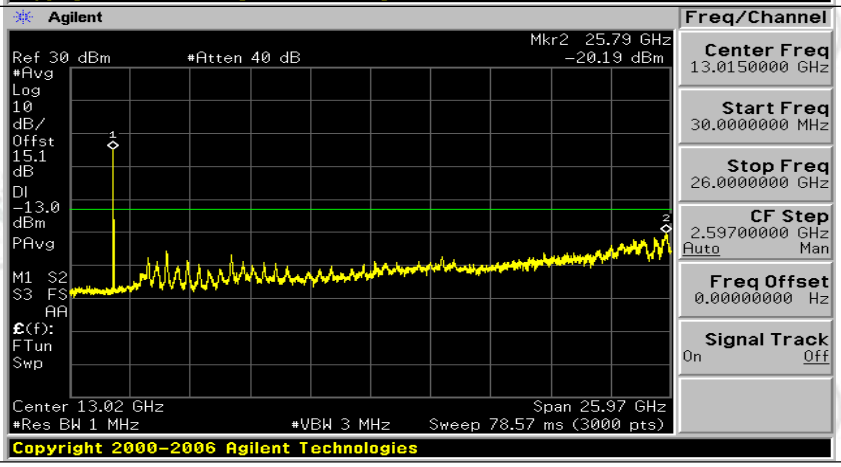




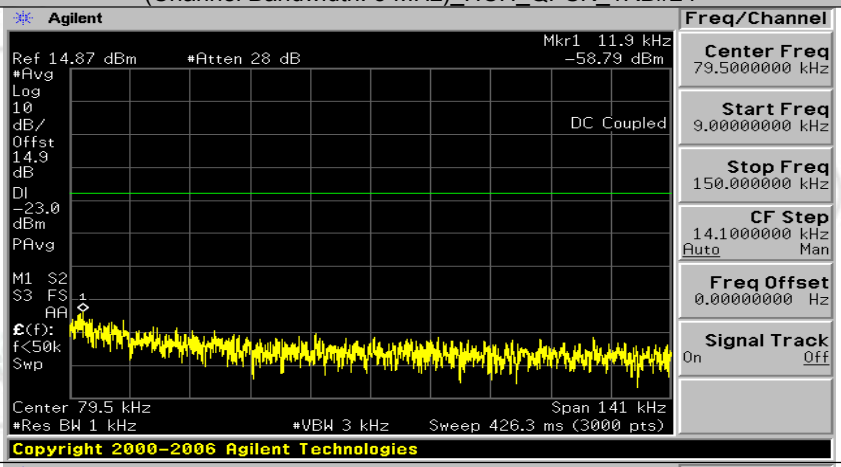
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

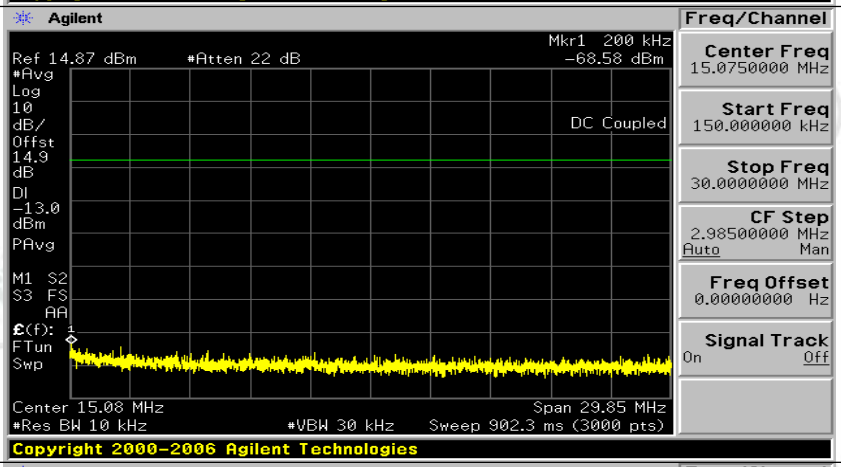


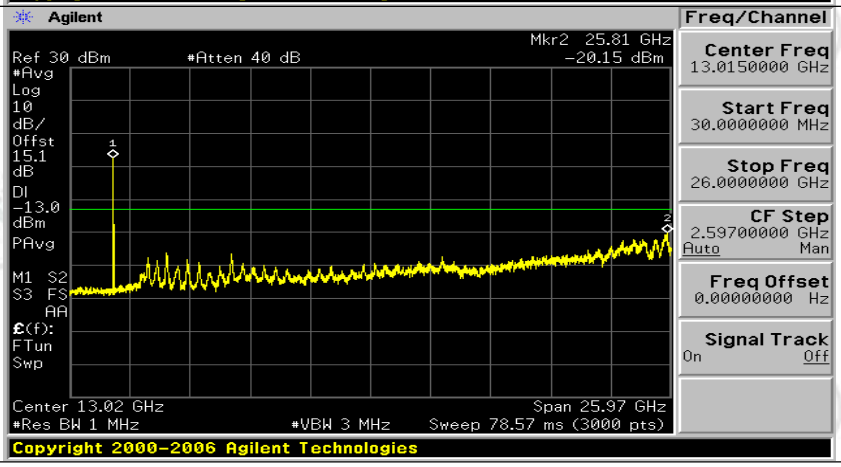




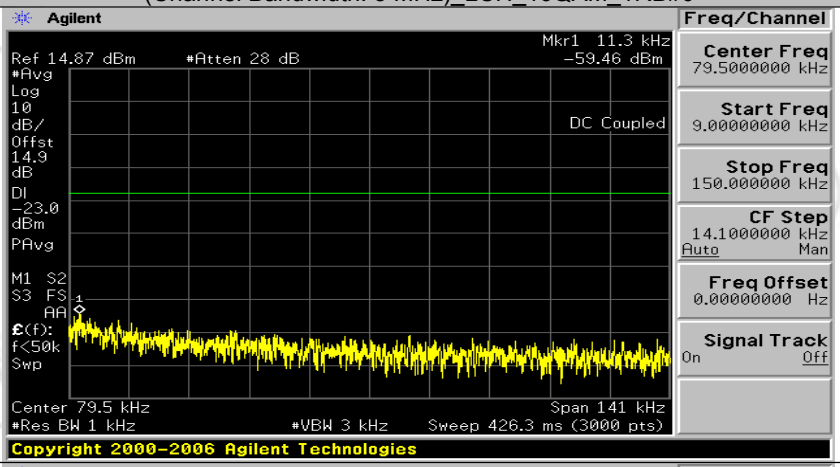
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24

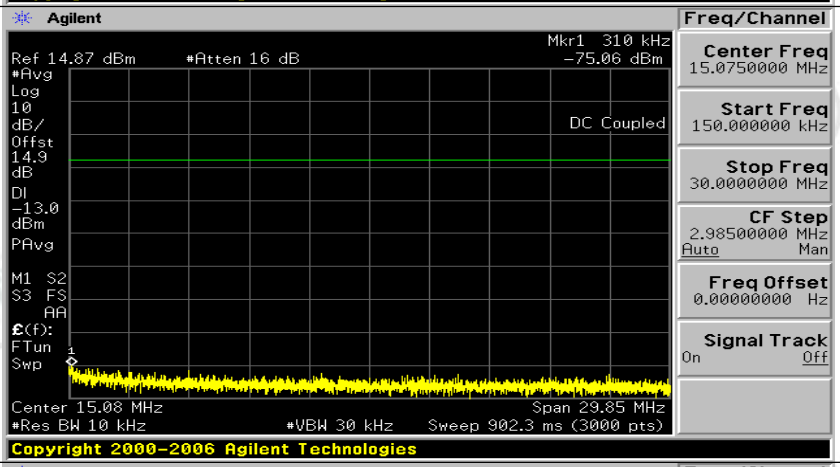


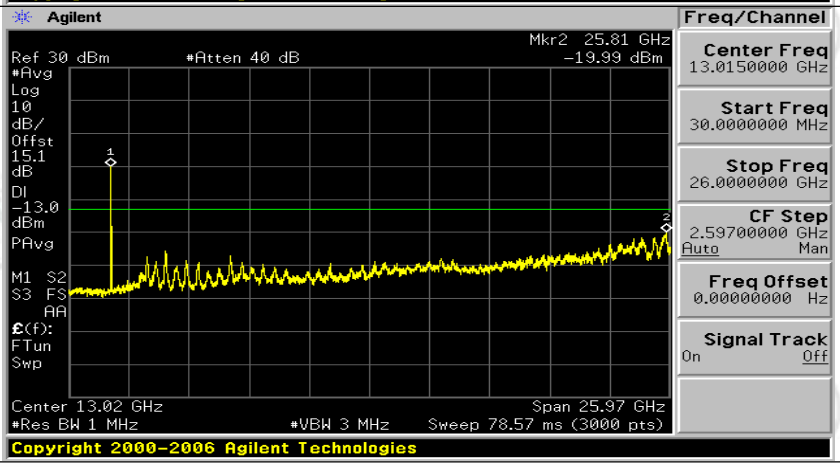




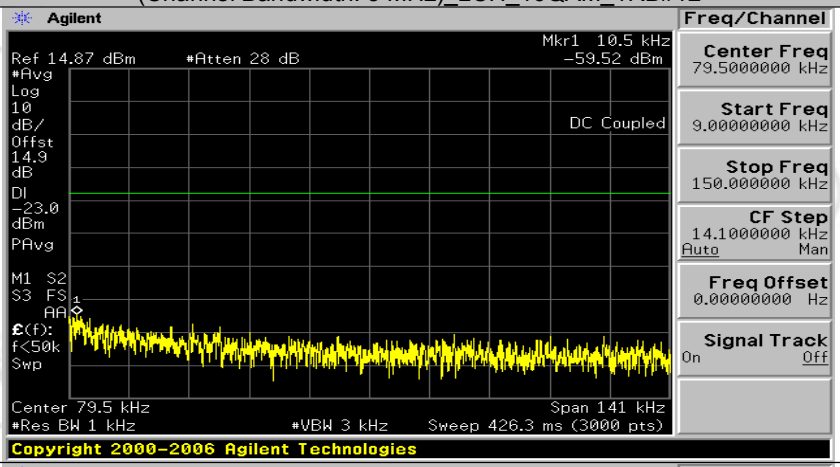
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

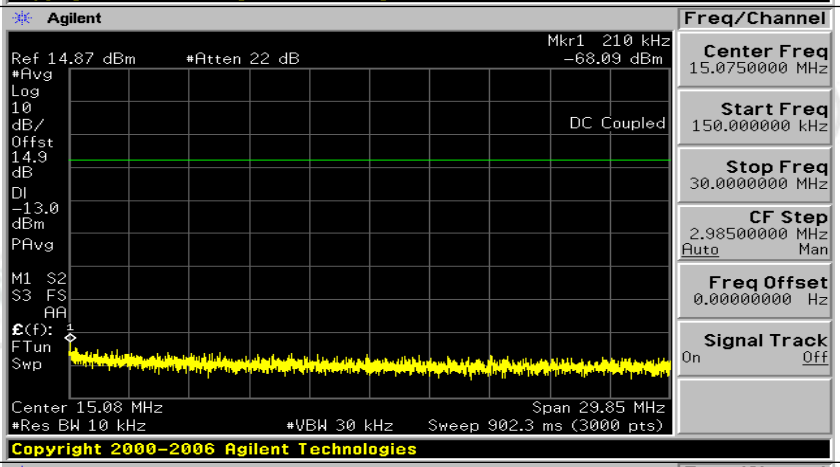


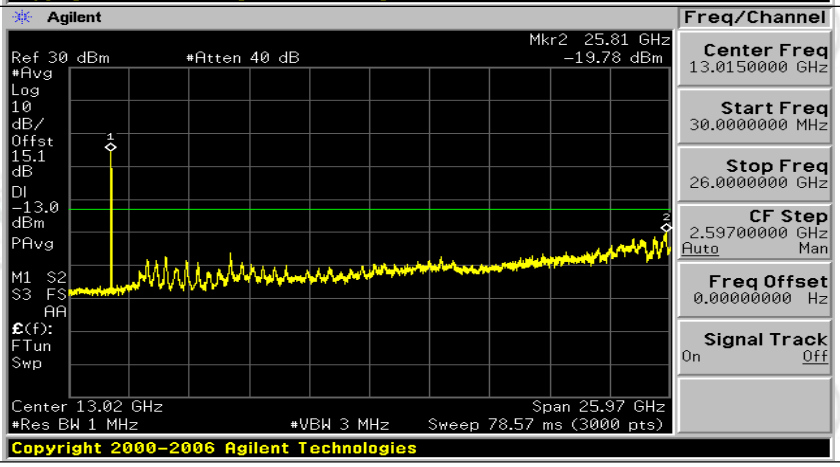




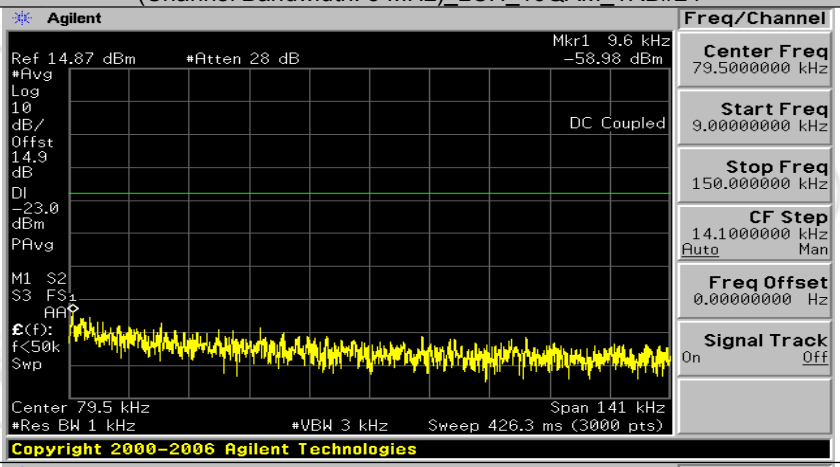
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

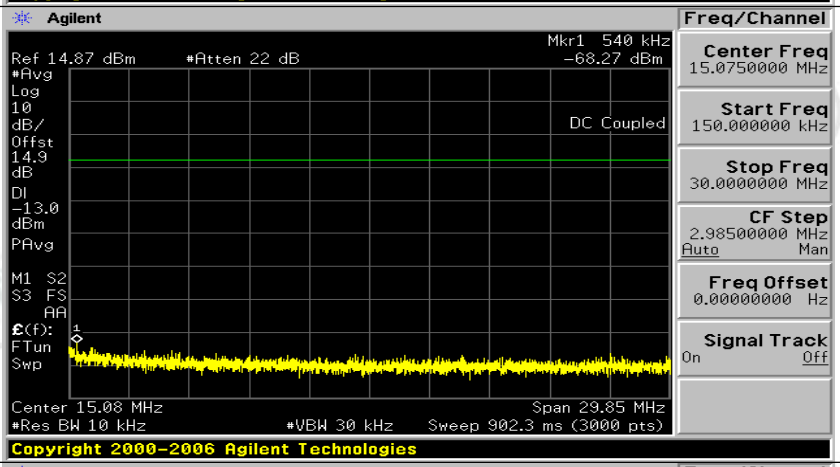


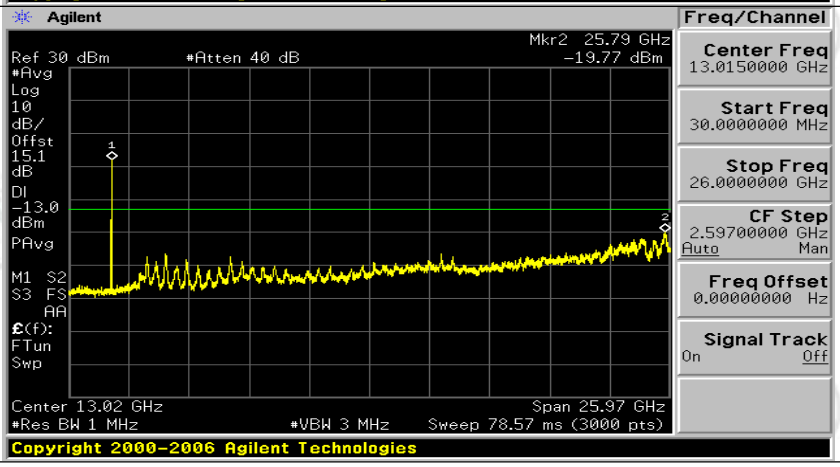




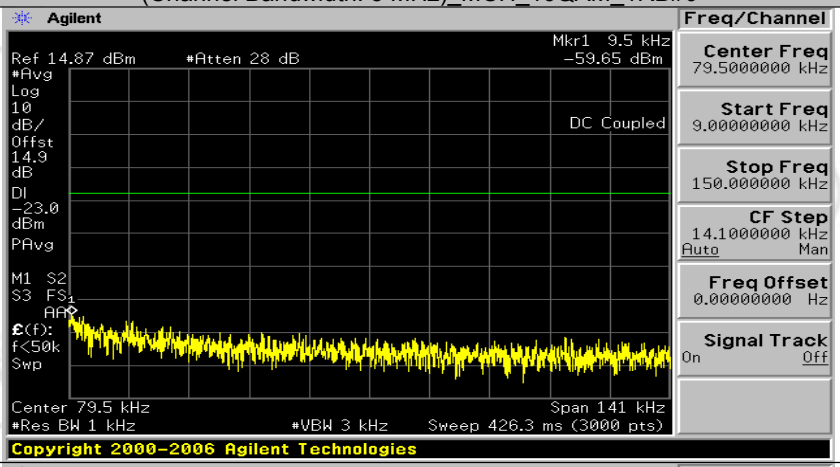
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24

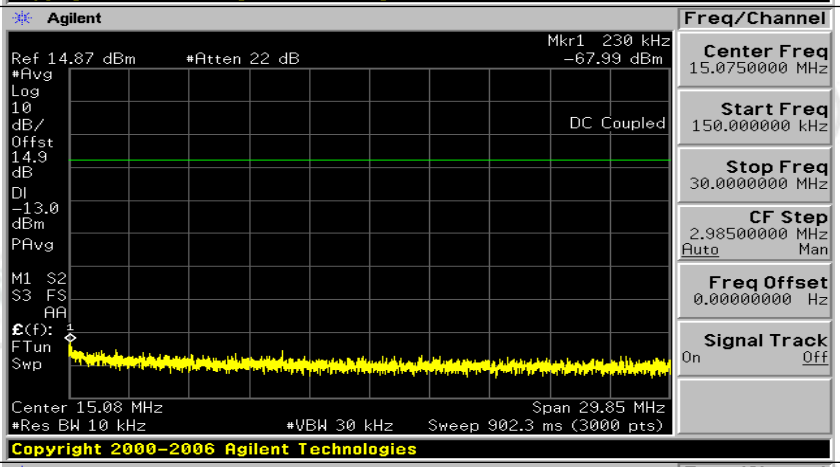


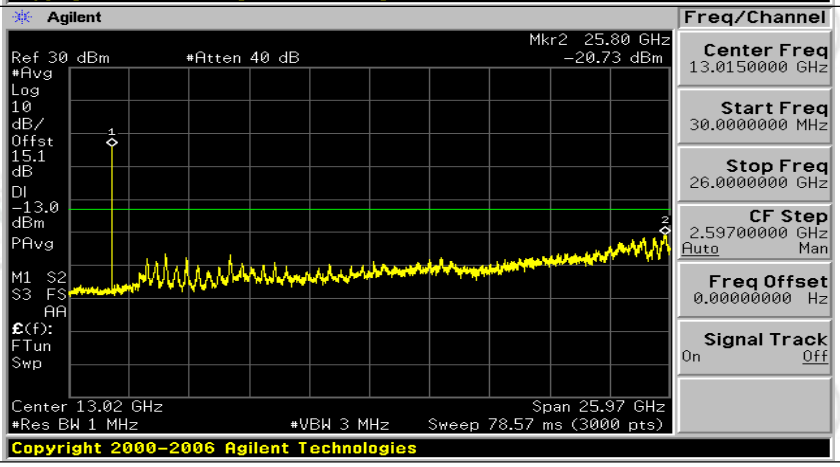




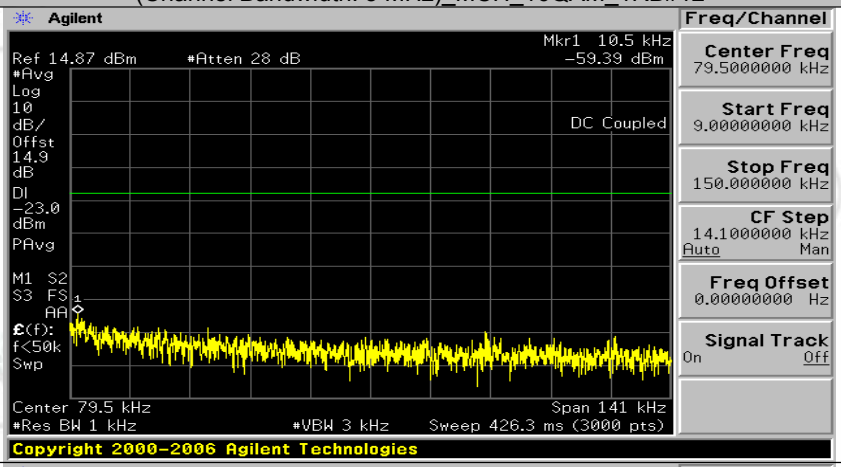
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

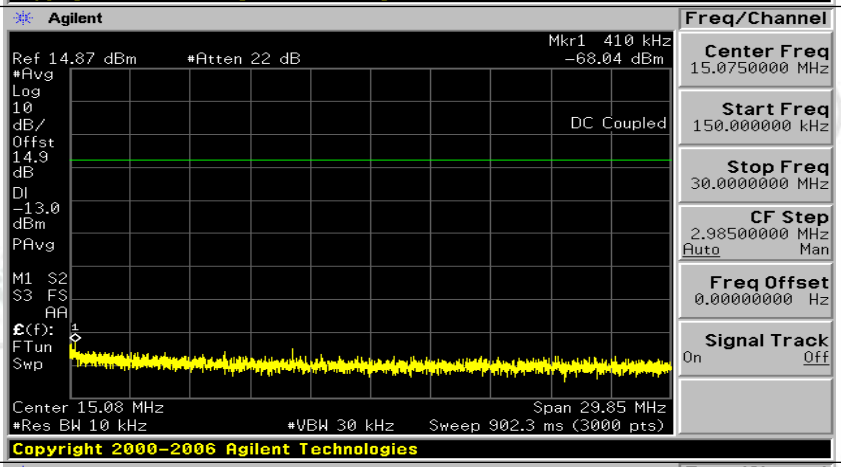


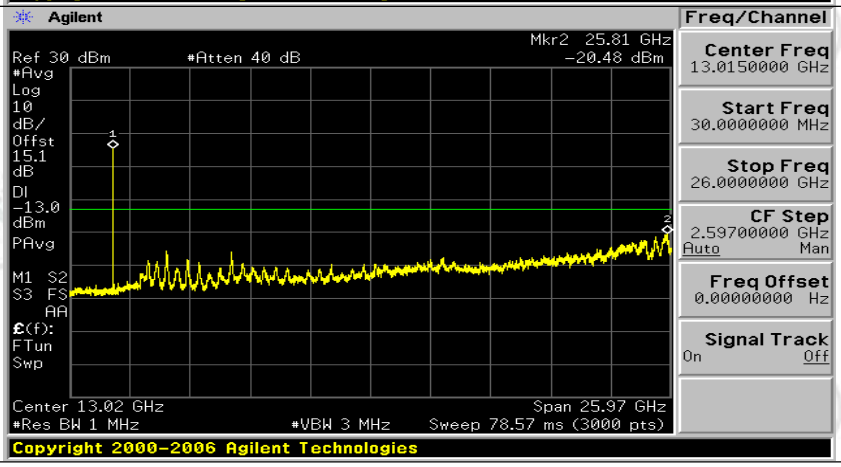




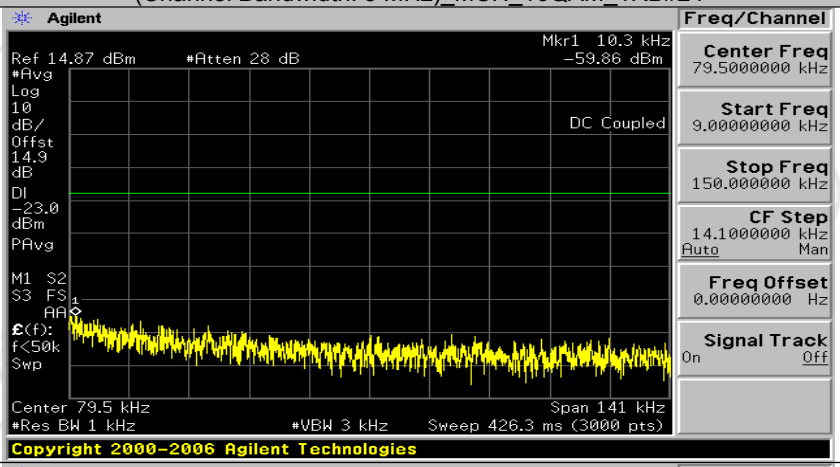
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

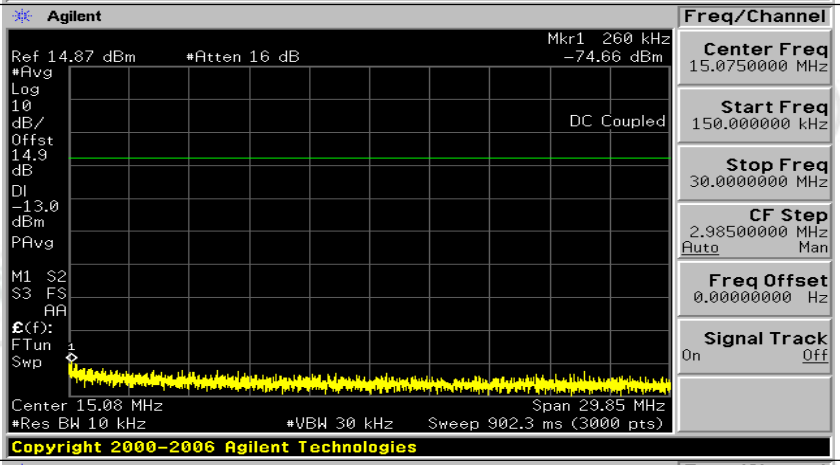


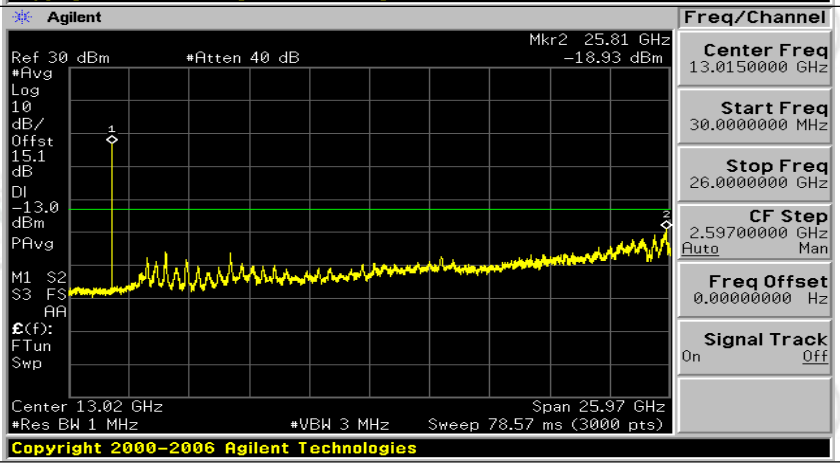




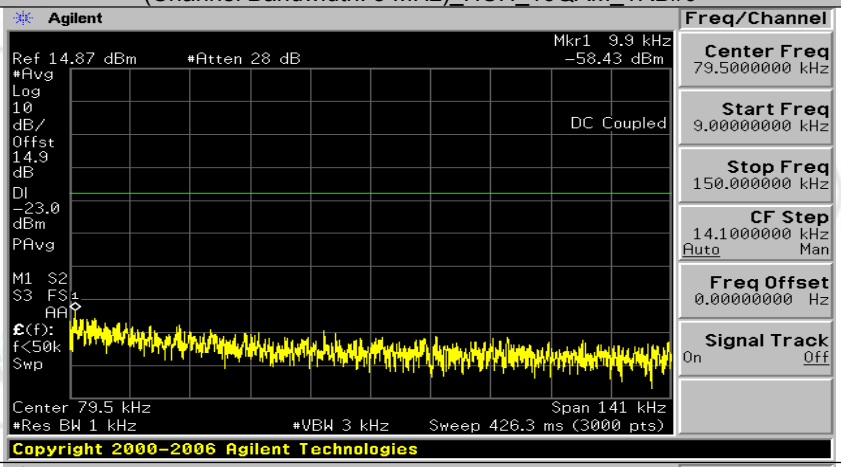
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

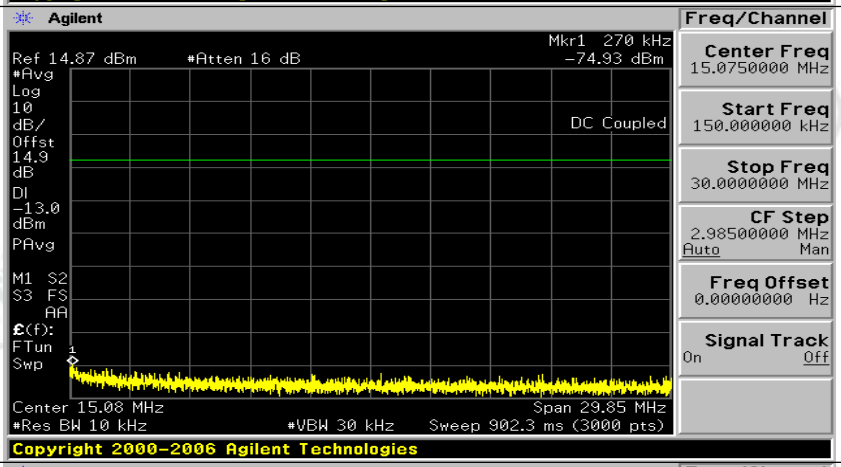


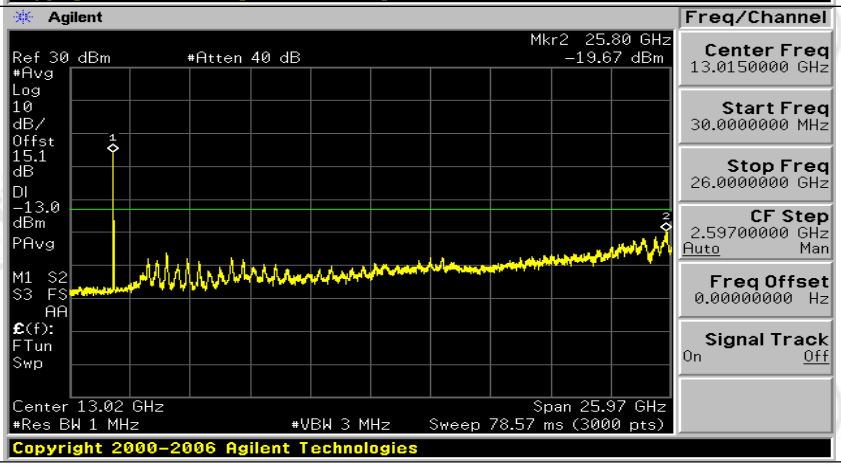




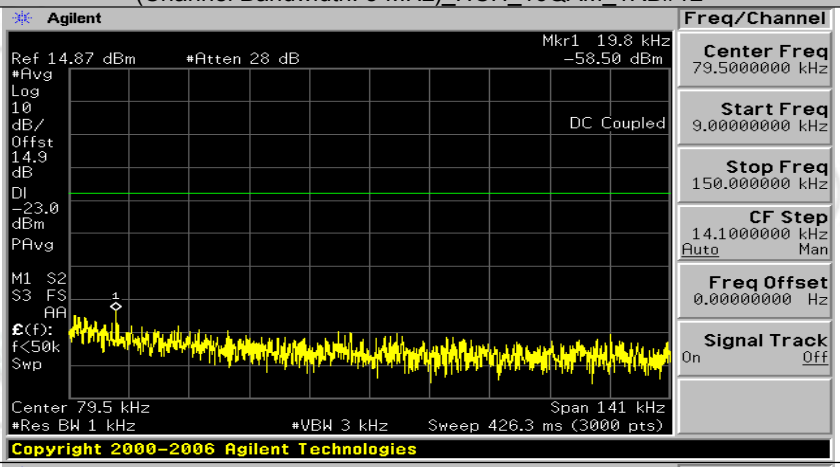
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

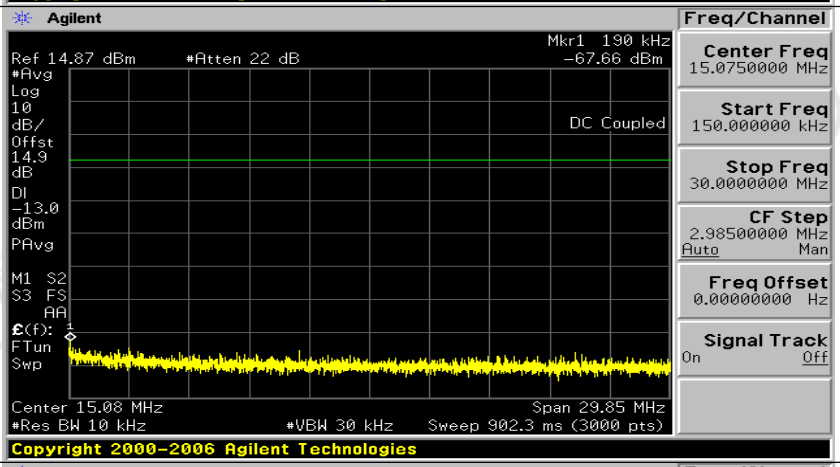


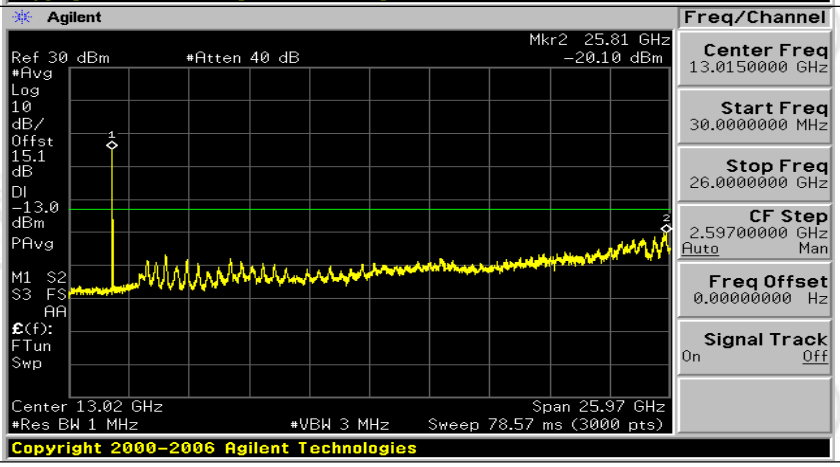




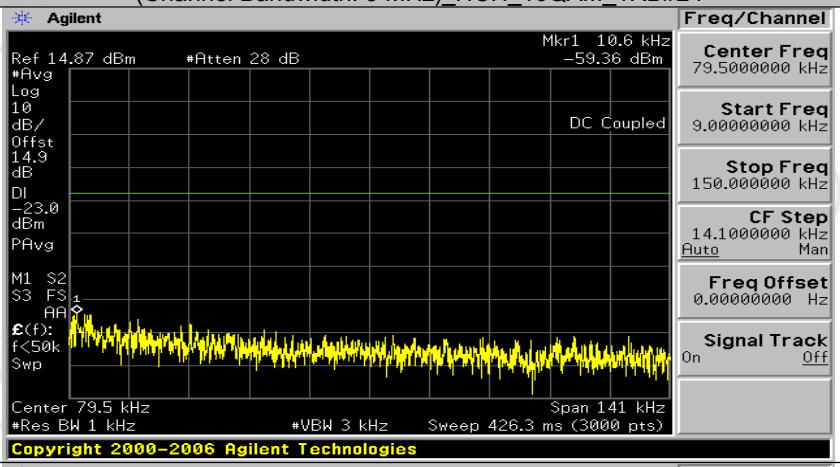
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

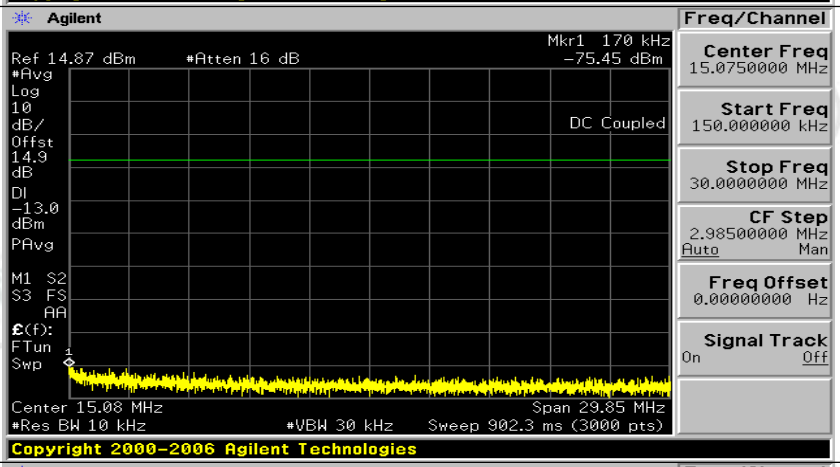


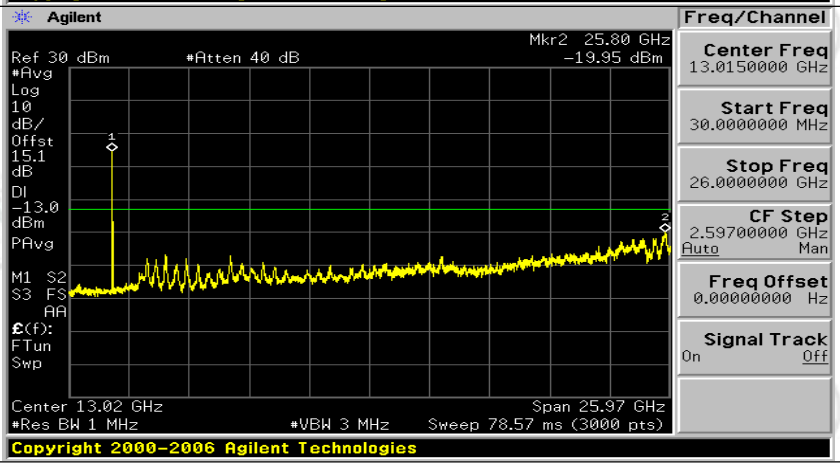




(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24

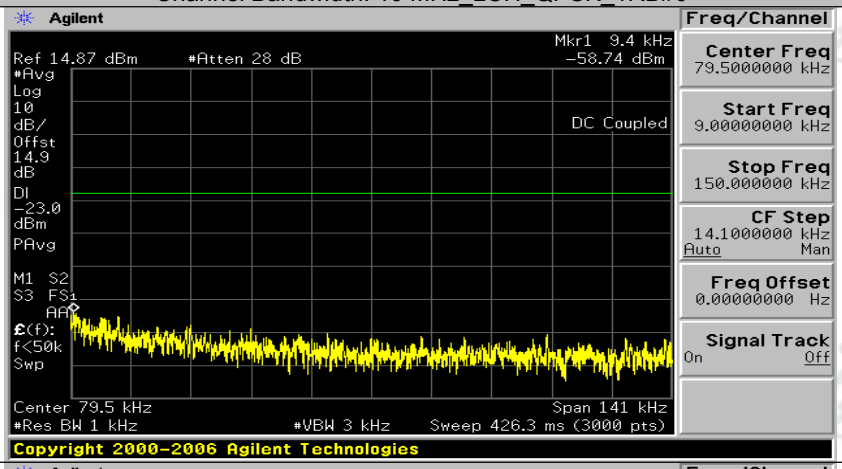


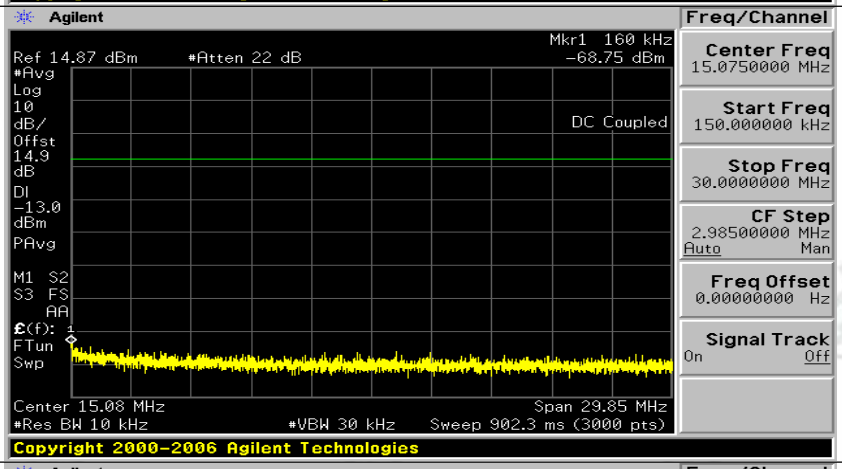


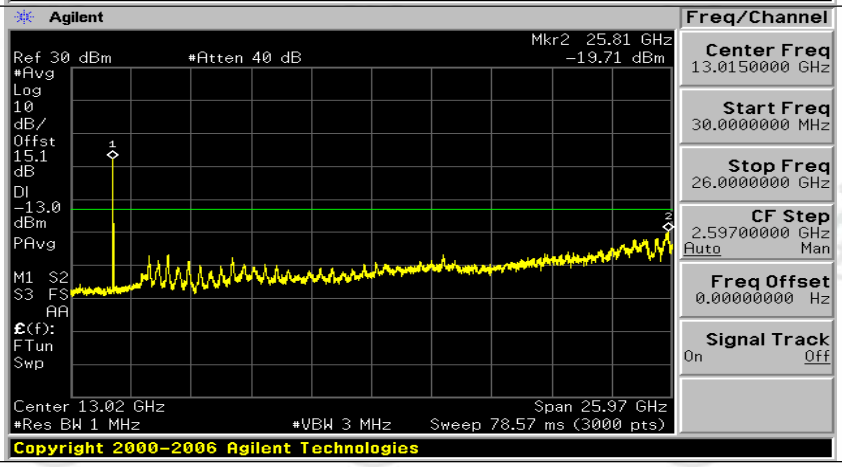


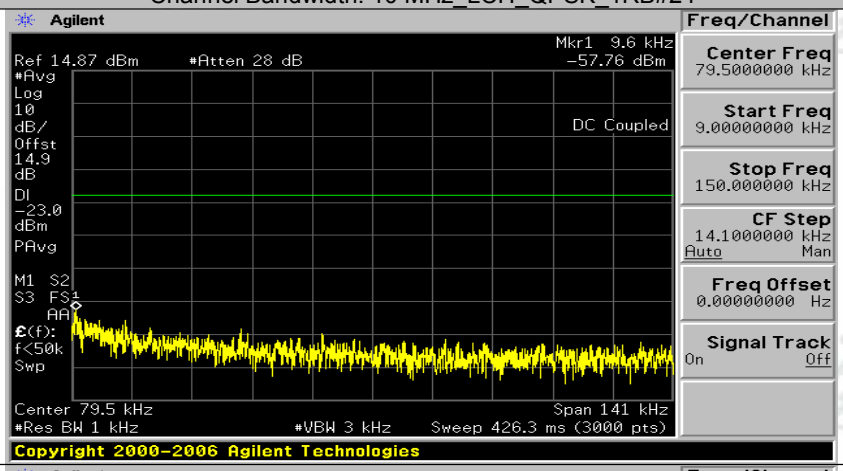
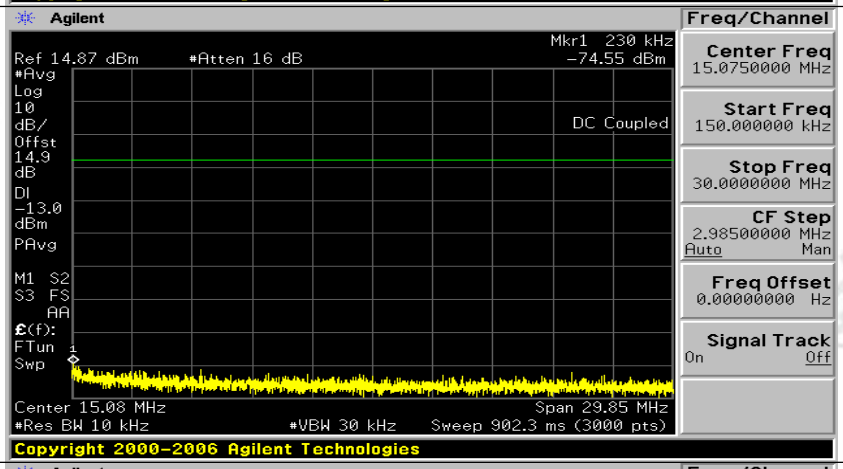
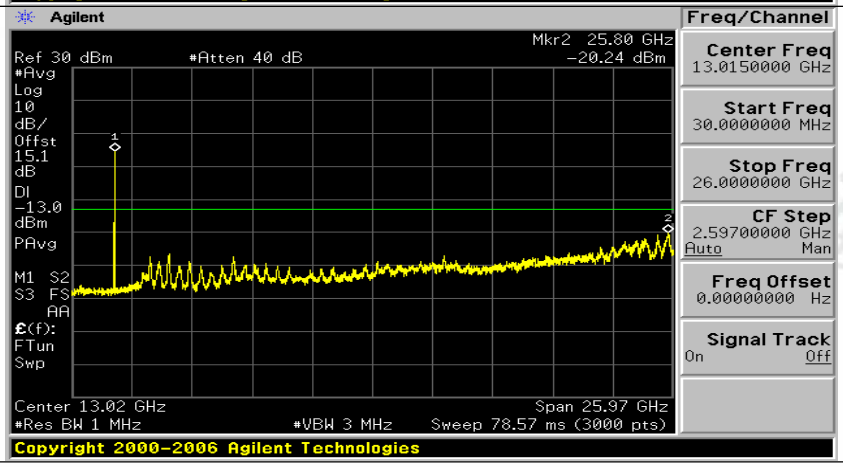
Channel Bandwidth: 10 MHz

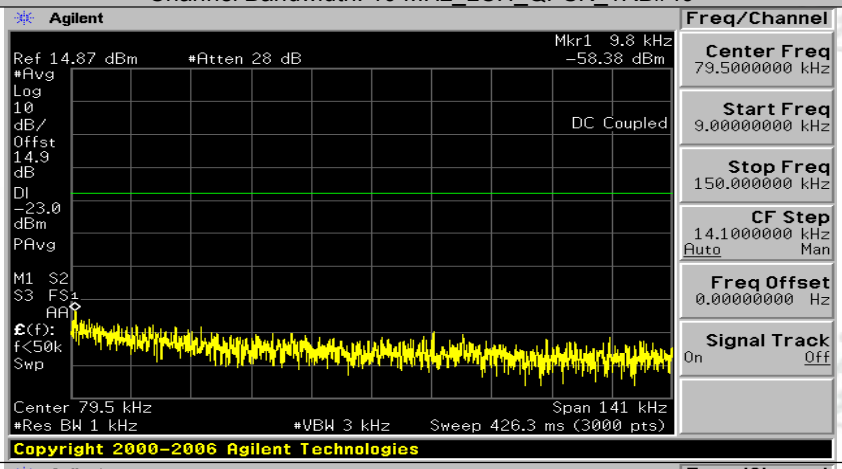
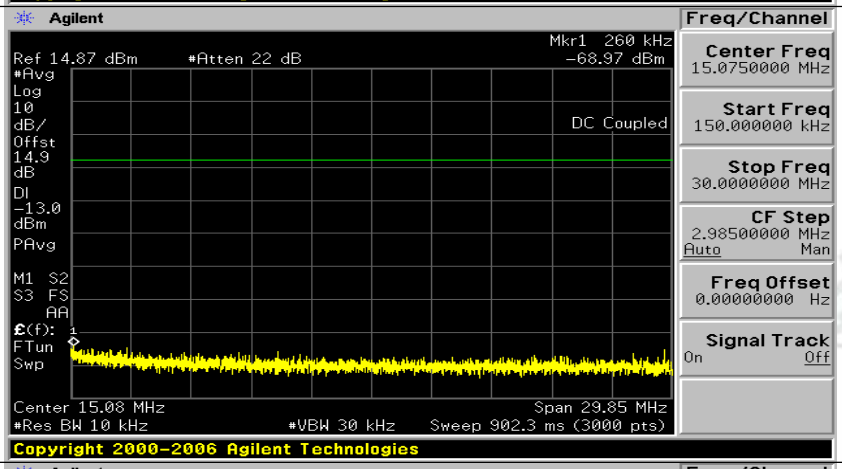
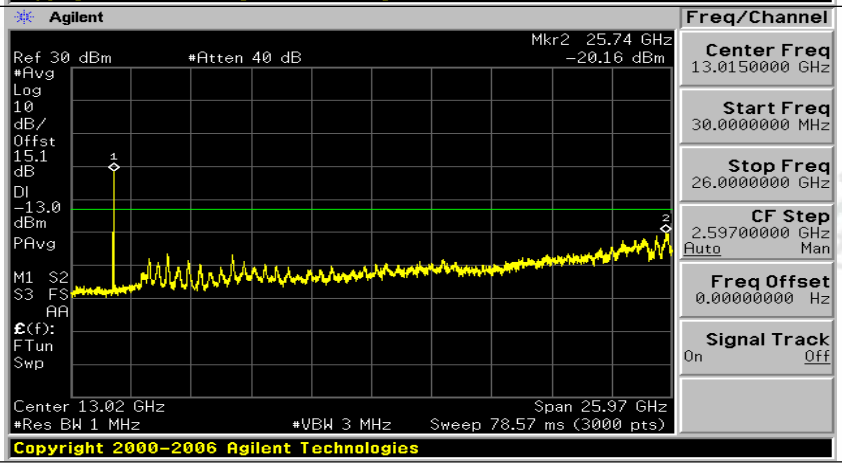
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0

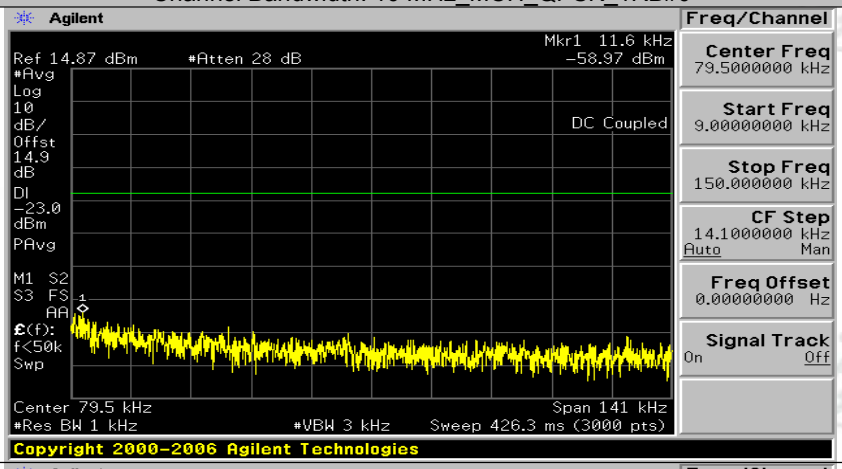
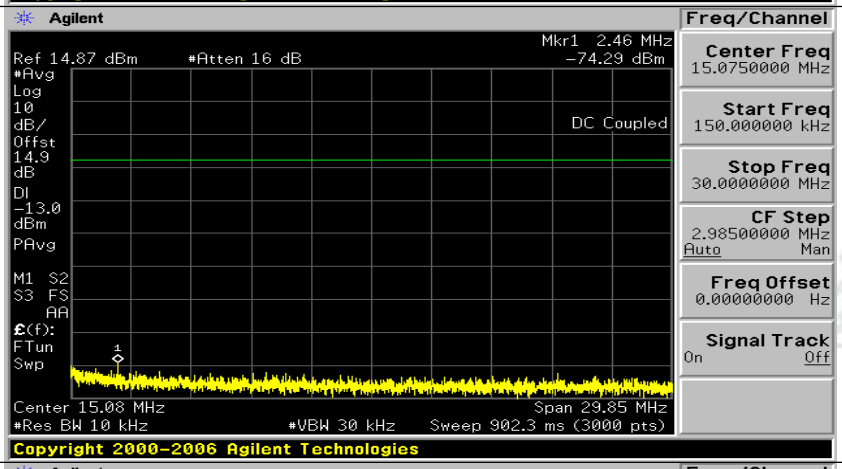
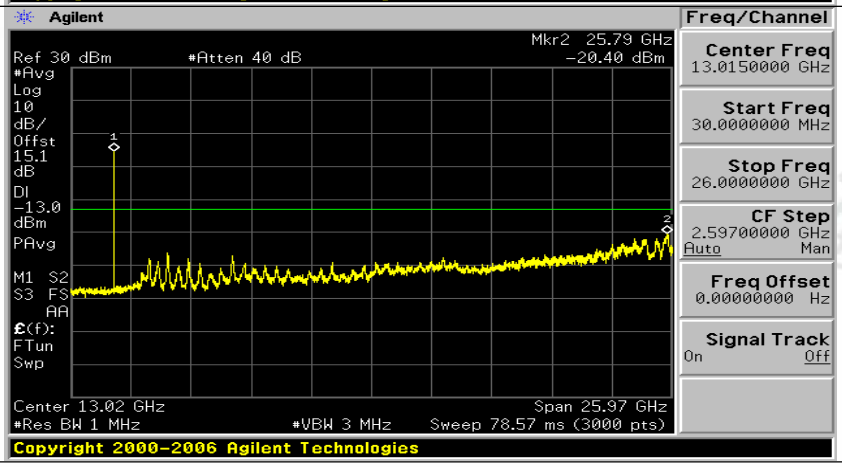






Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24




Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49




Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0




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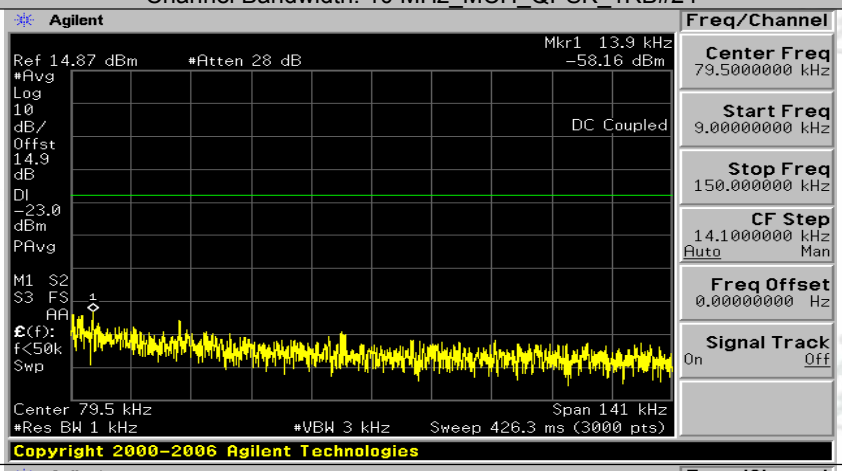
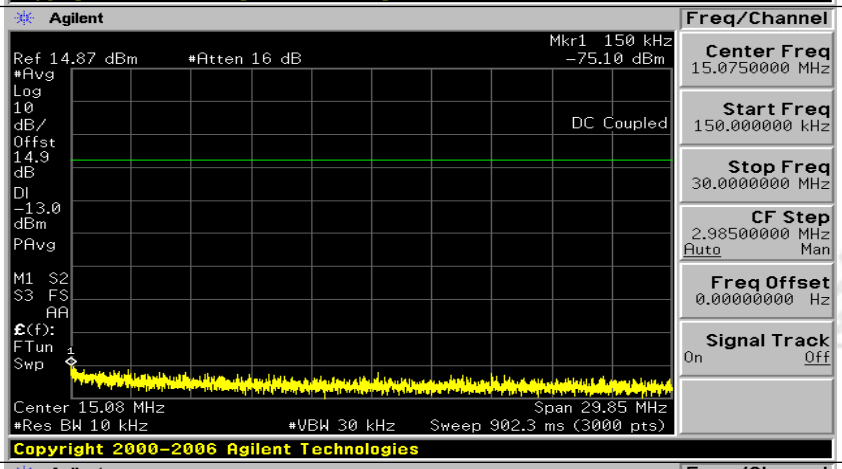
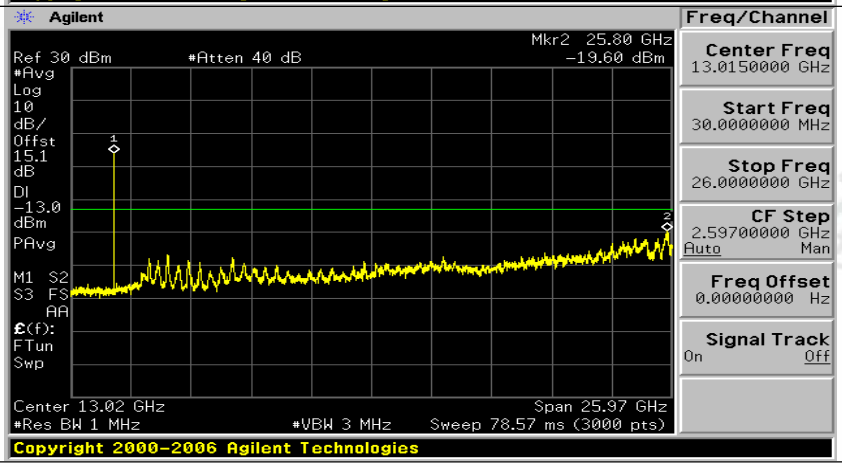
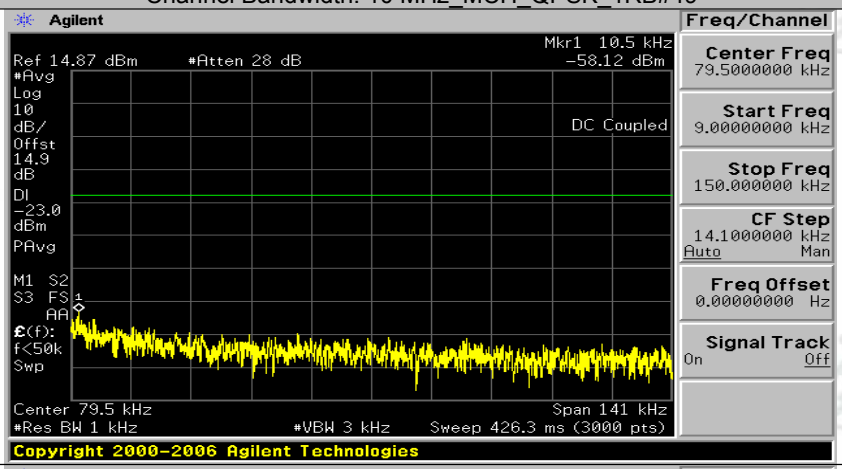
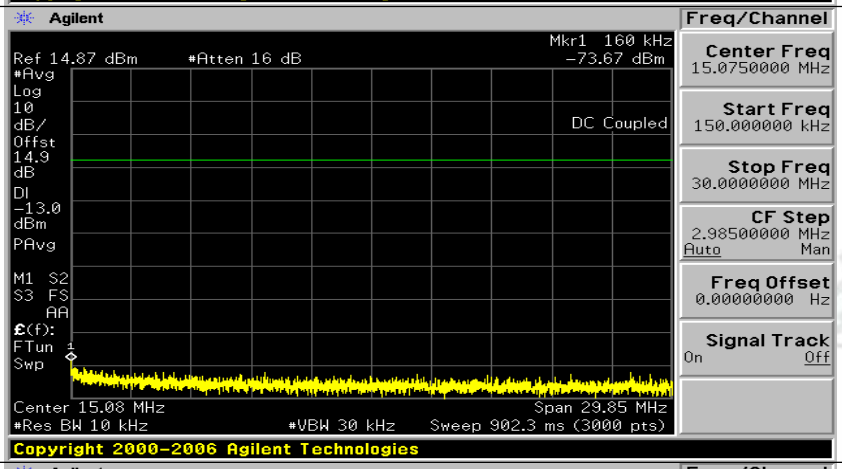
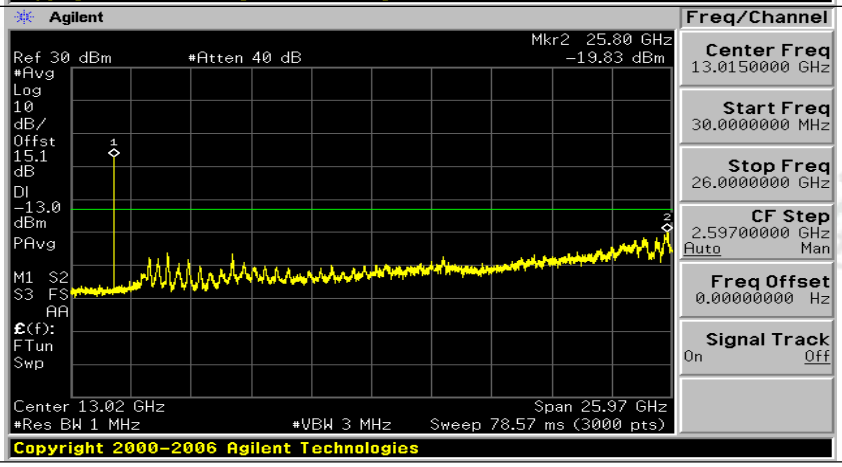




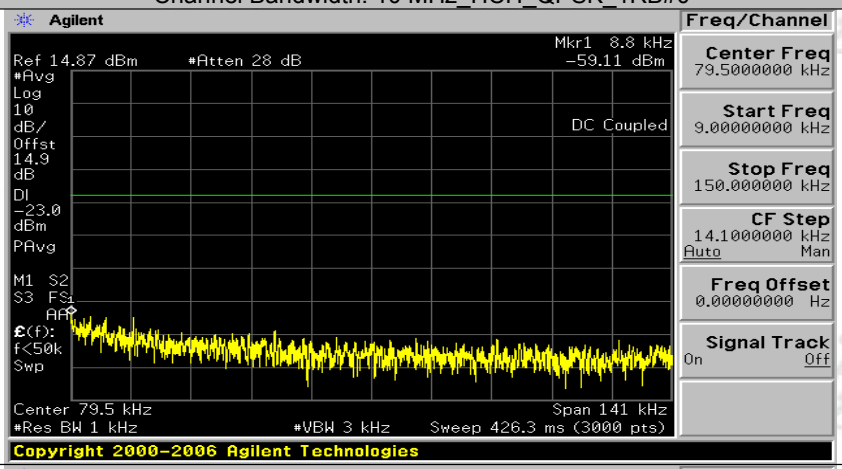
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

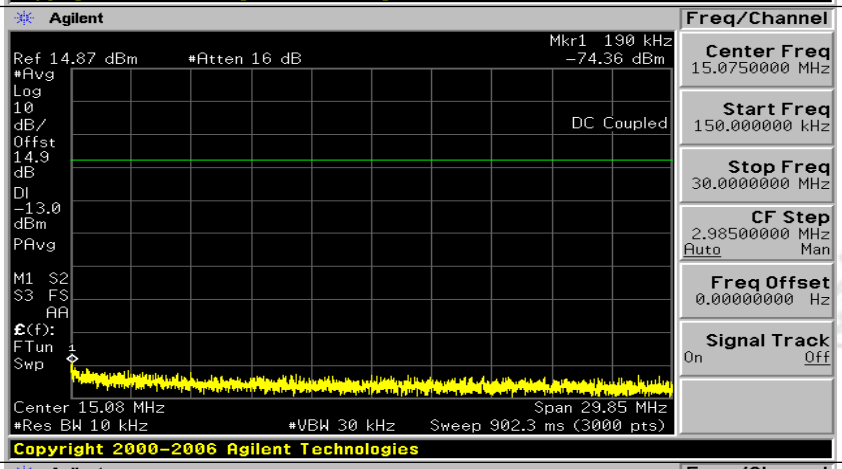


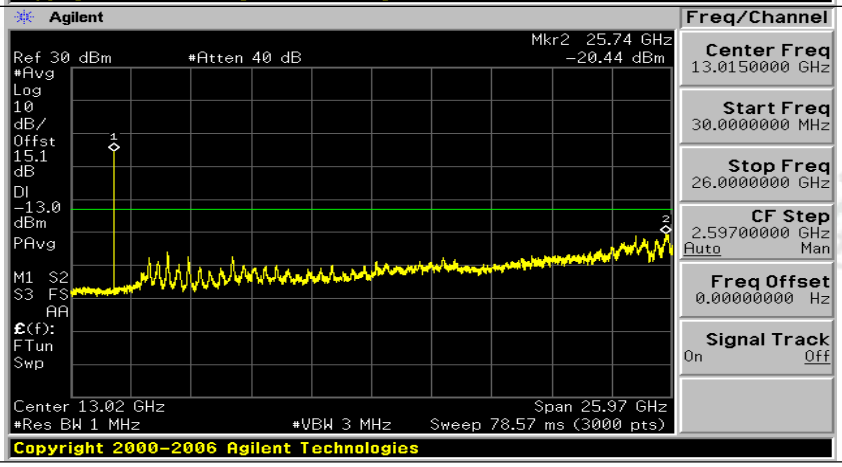




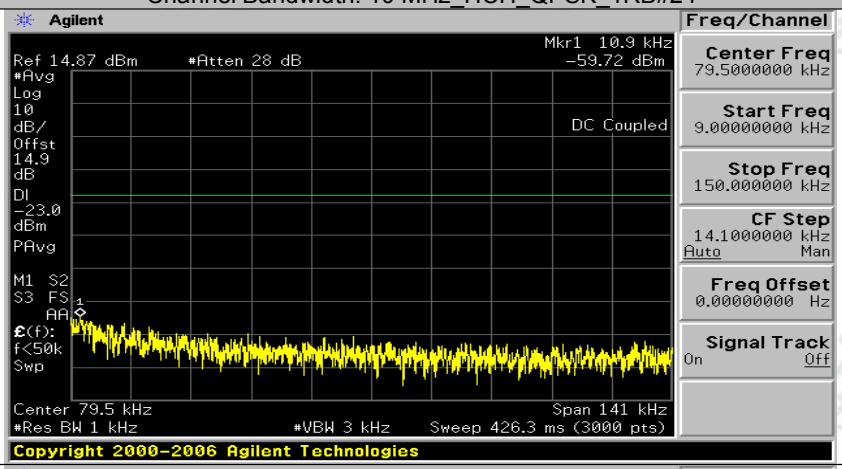
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

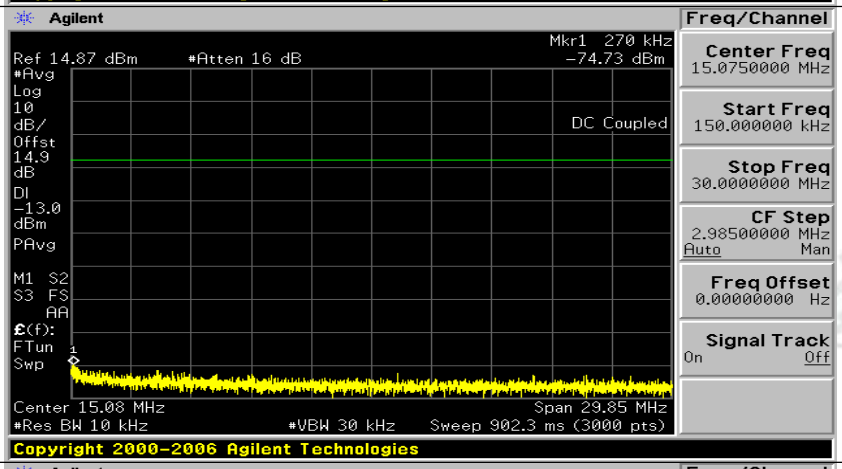


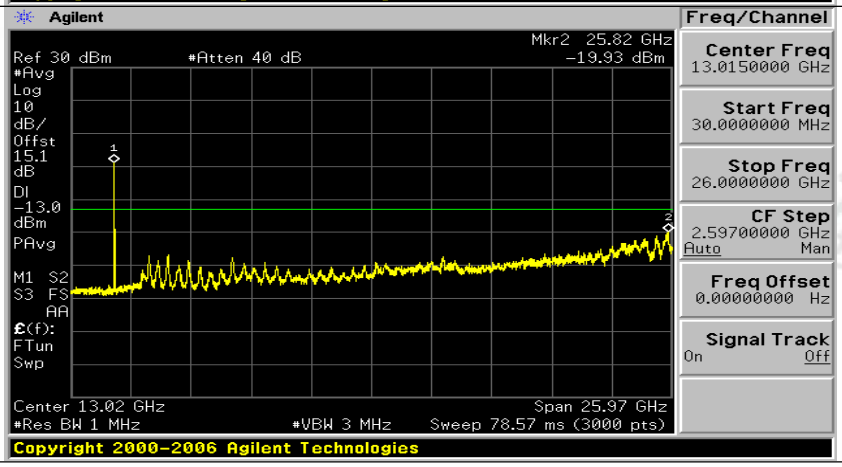


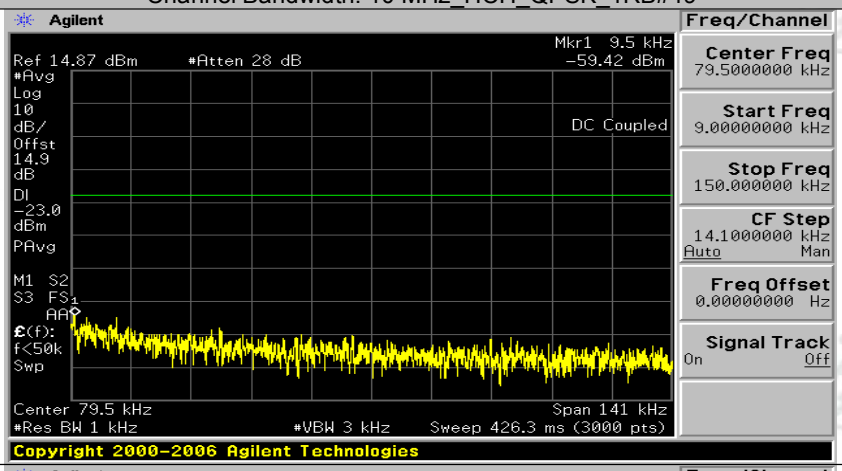
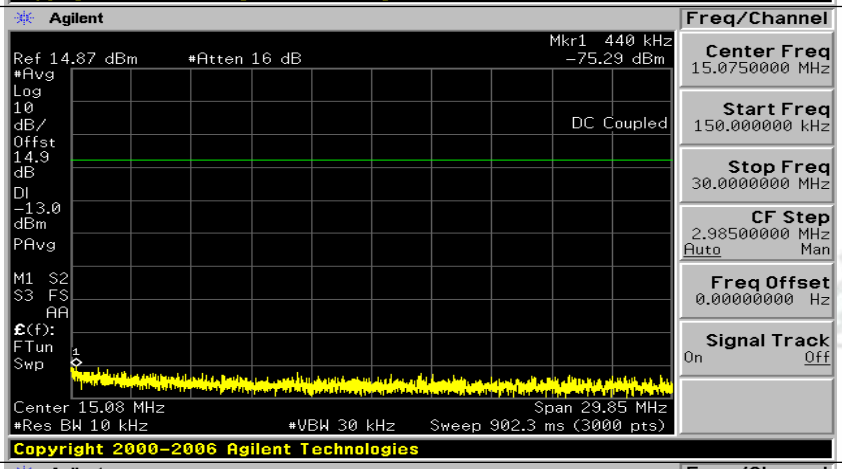
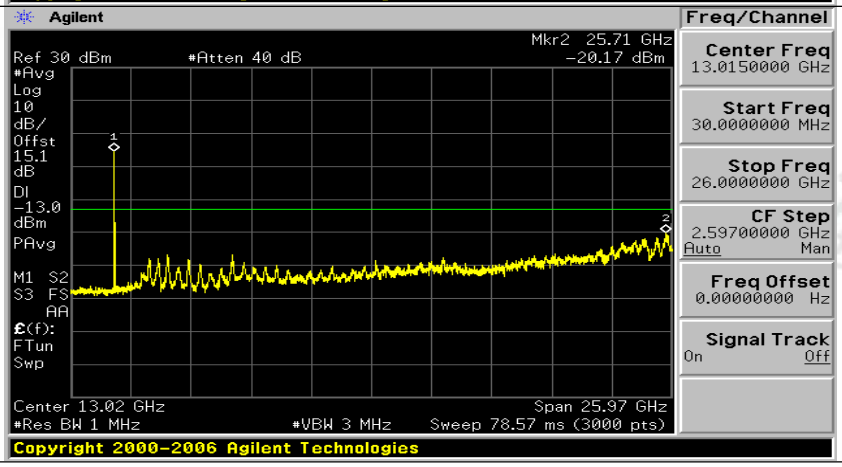


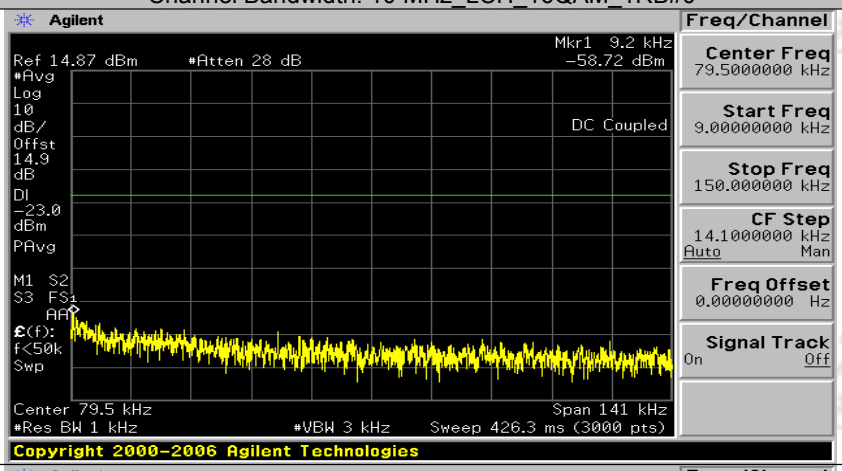
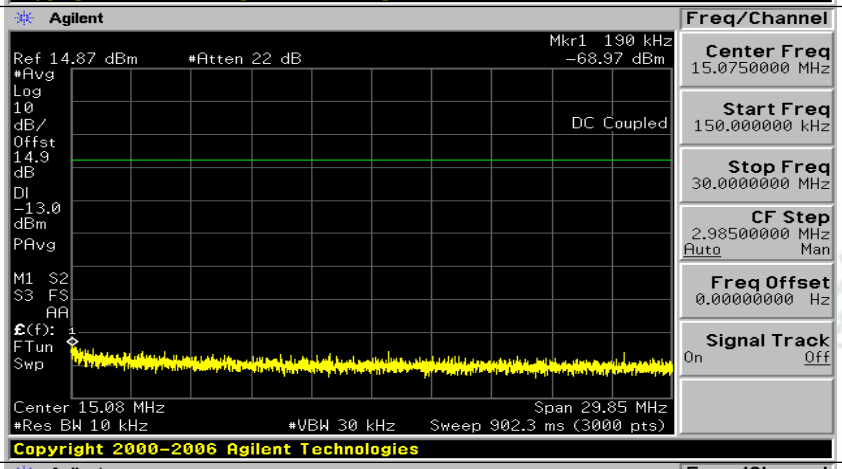
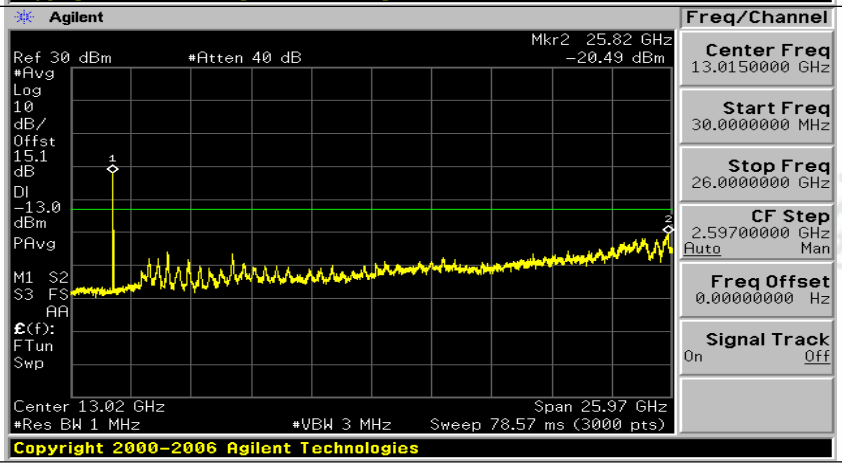
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



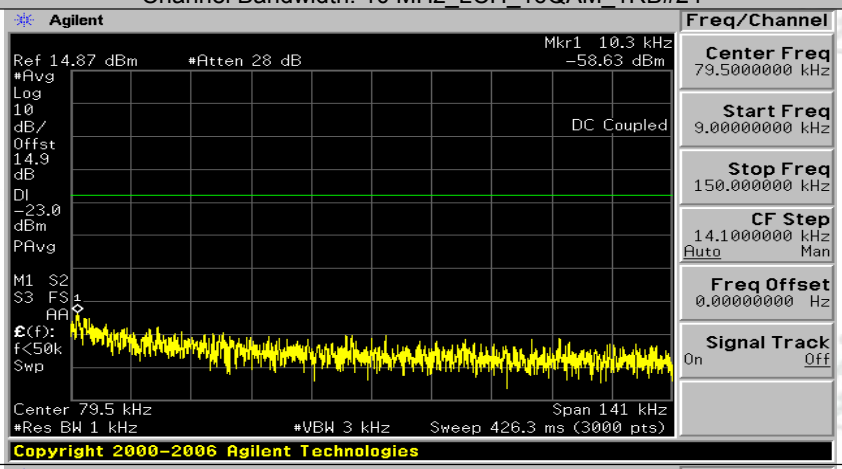


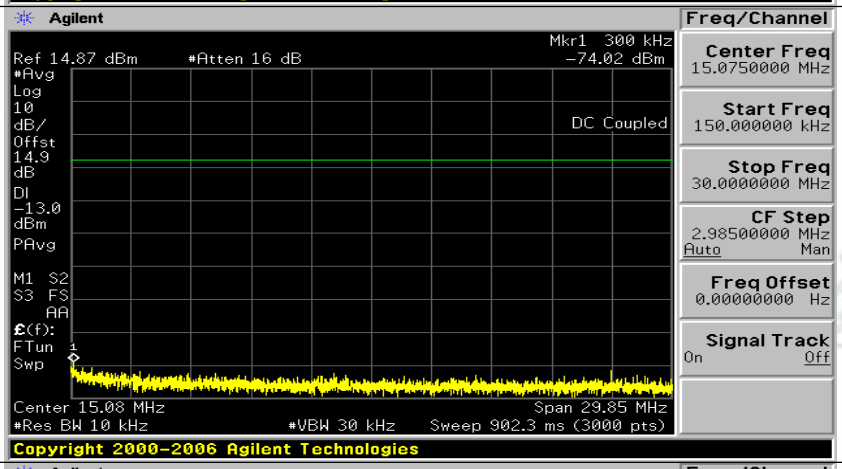


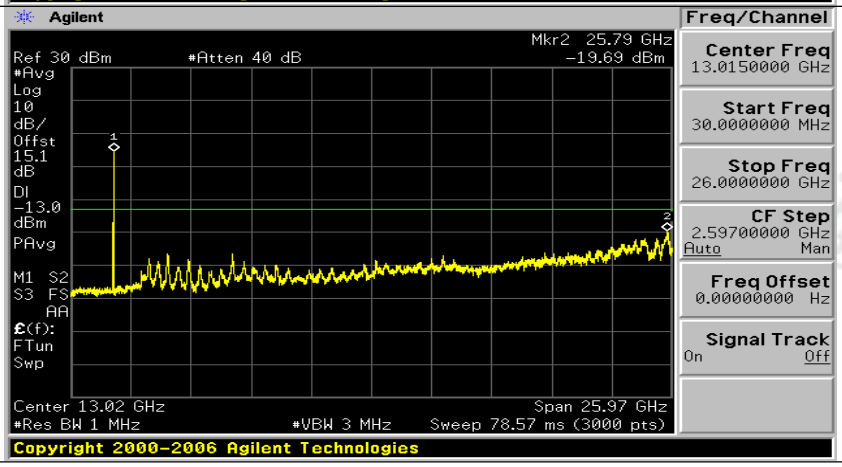
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49




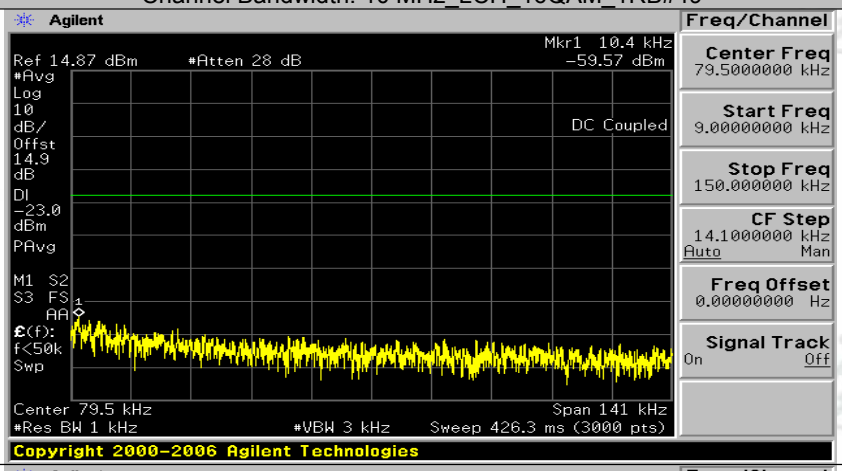
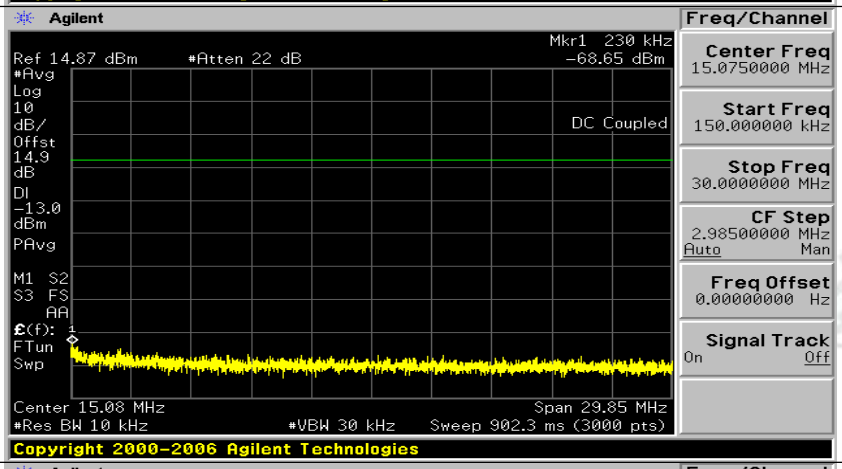
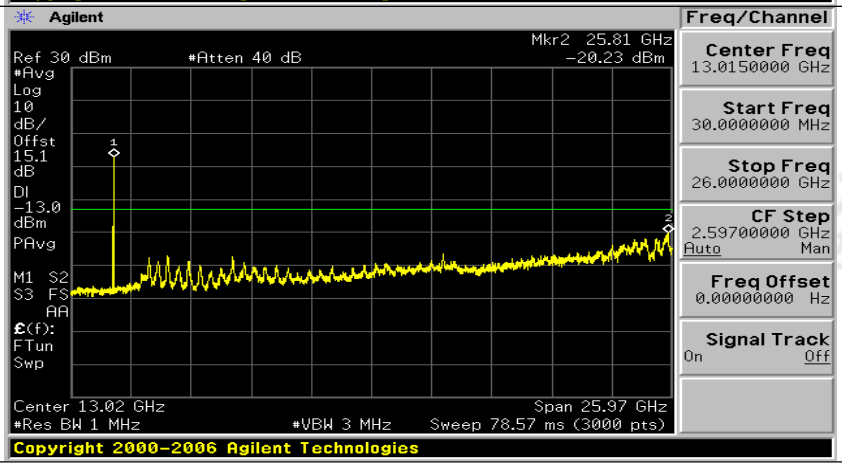
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0




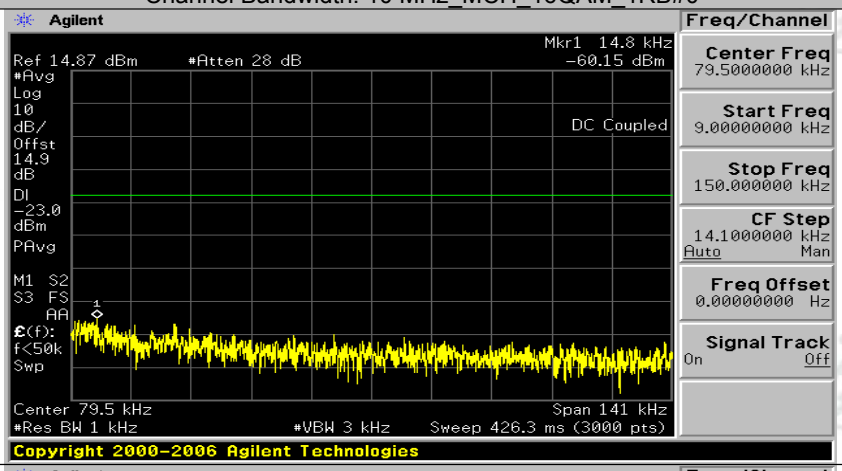
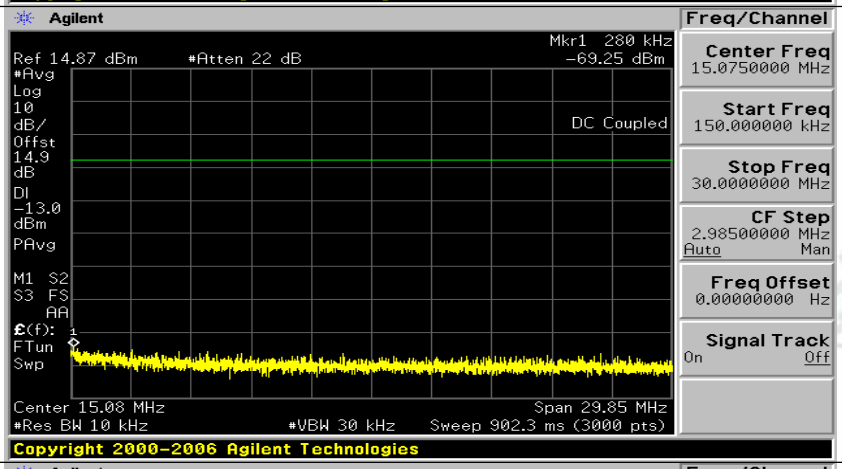
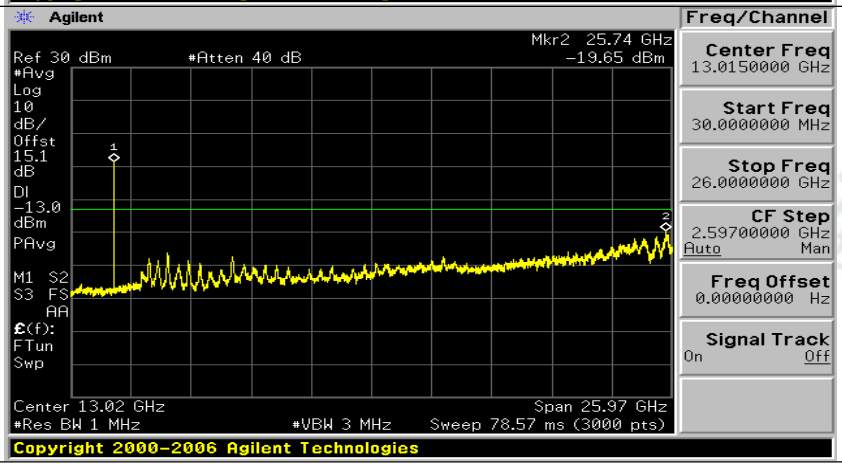
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24







Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49




Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0




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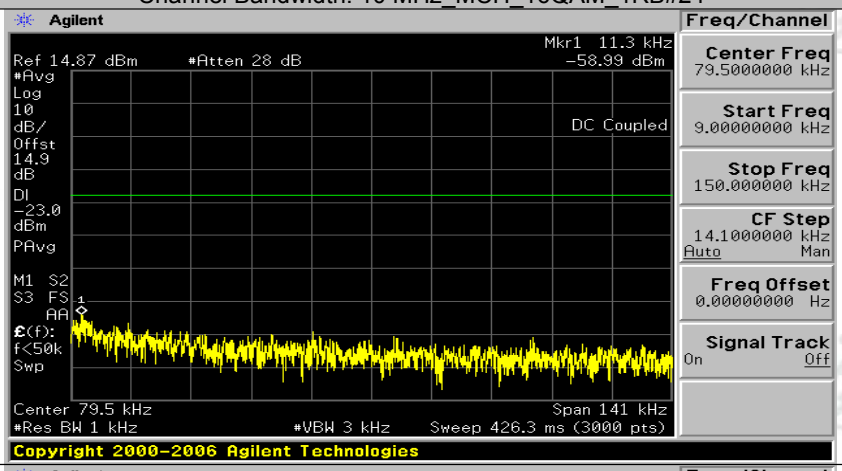
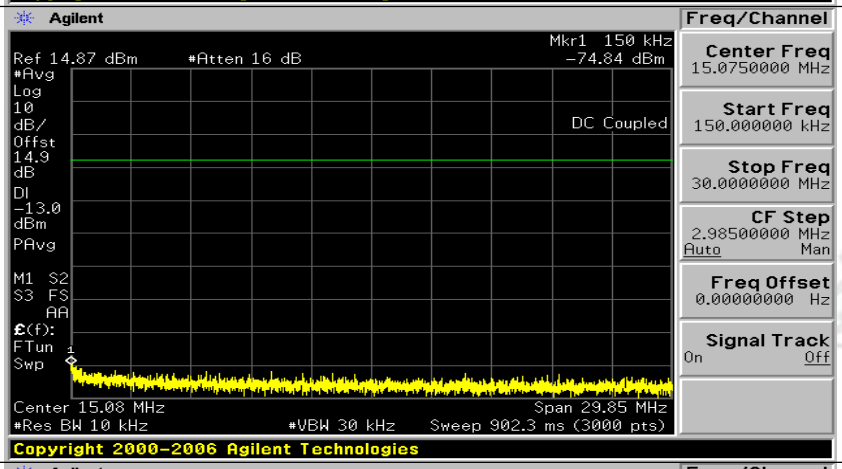
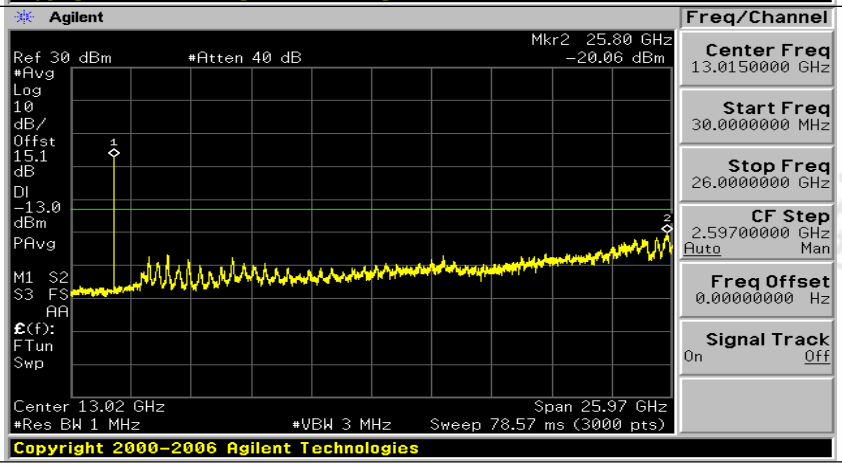
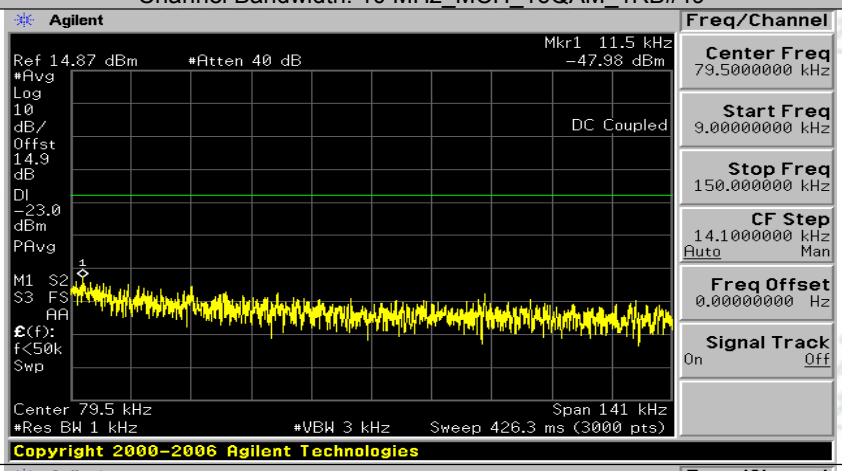
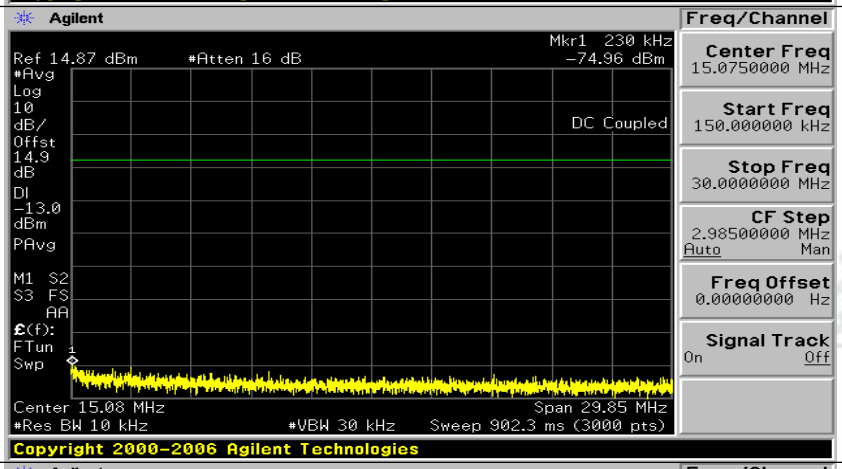
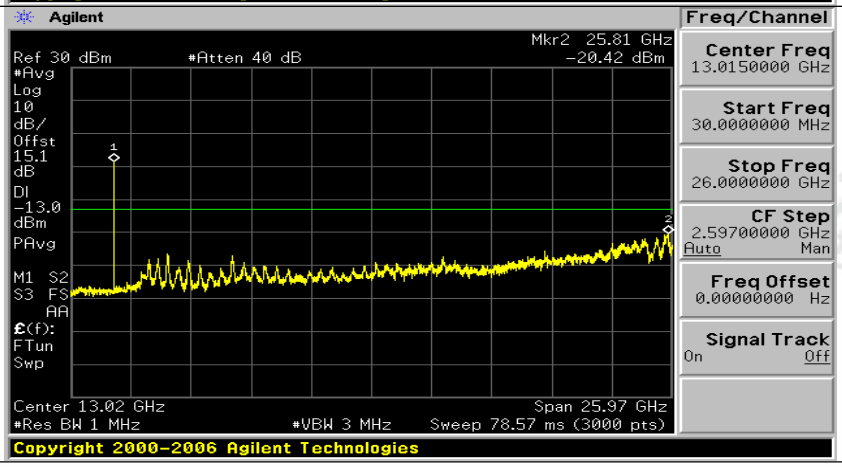
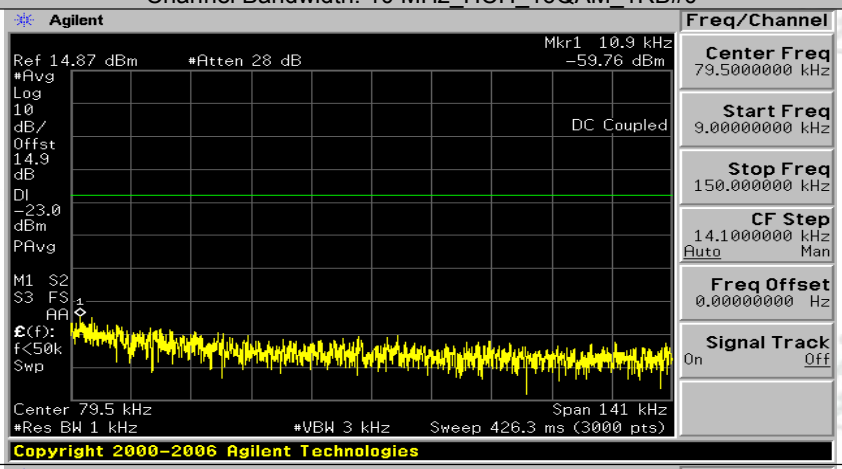
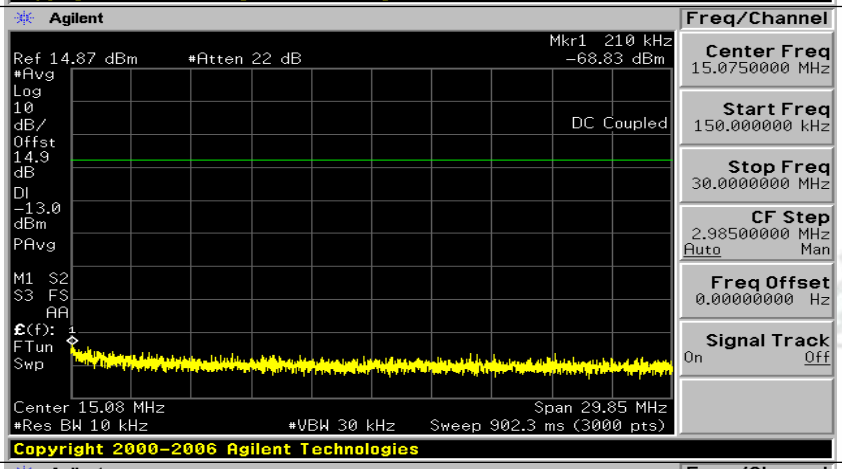
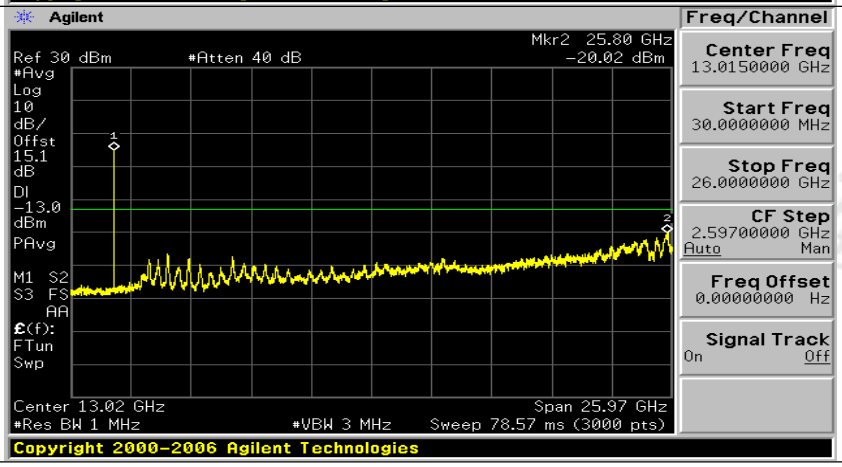




Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49




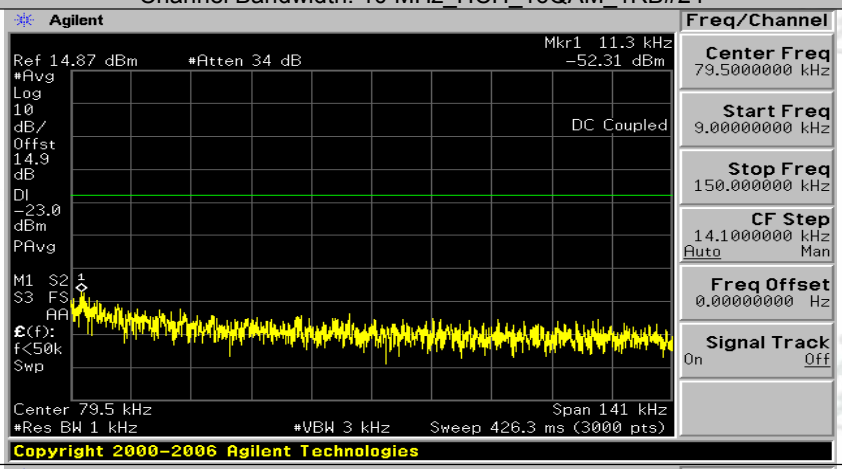
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

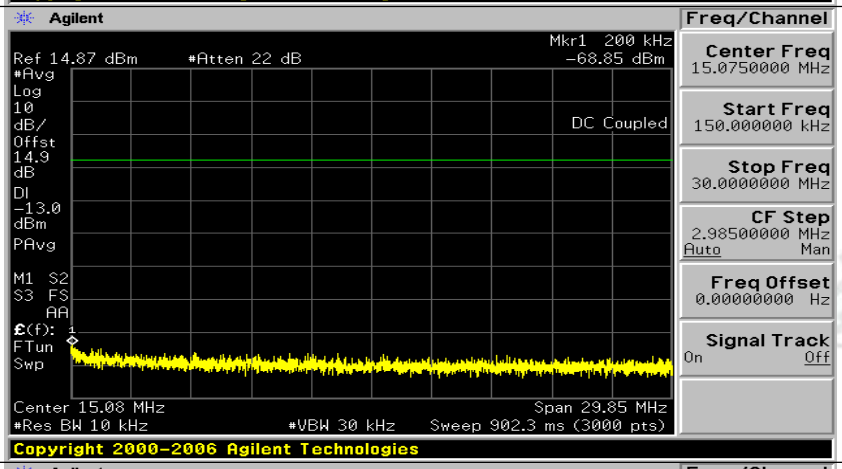


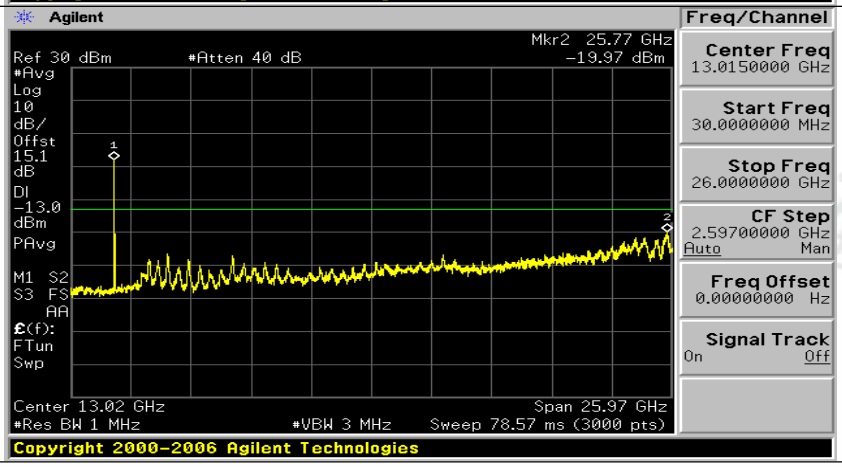


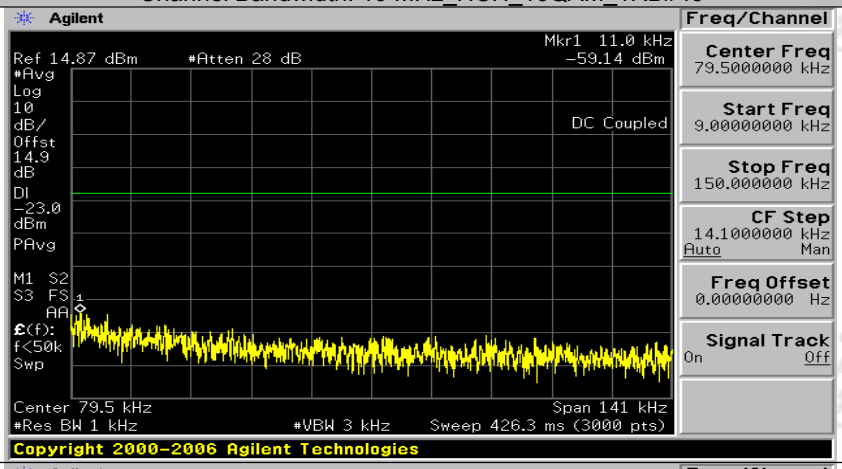
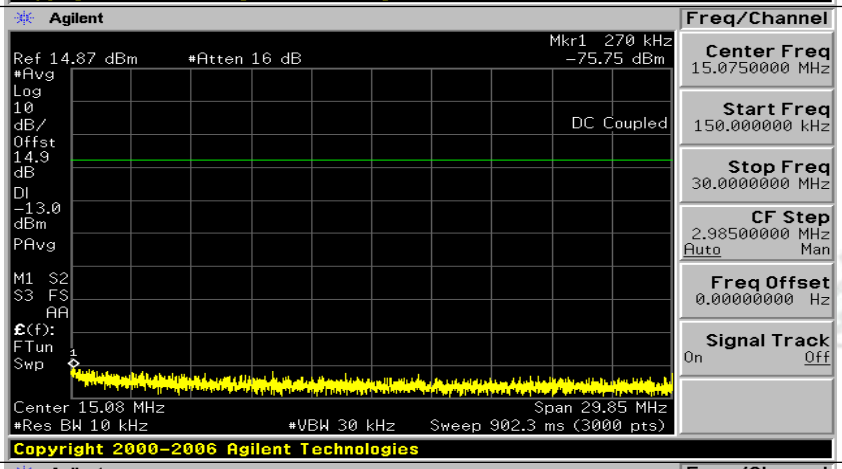
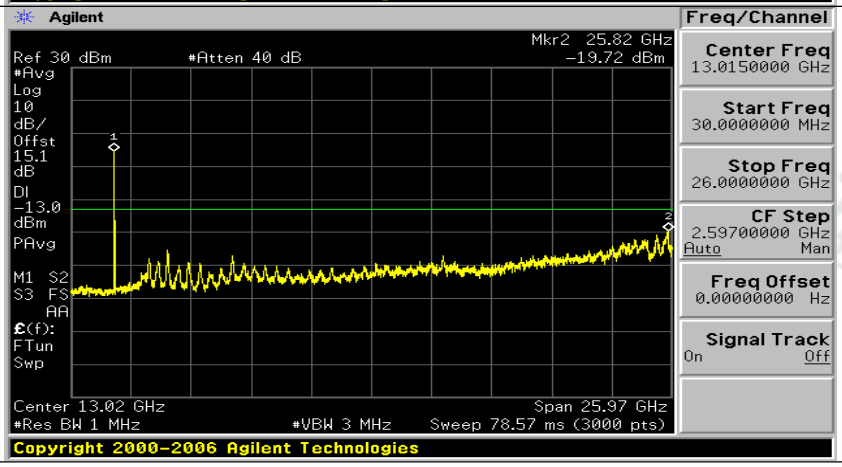


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



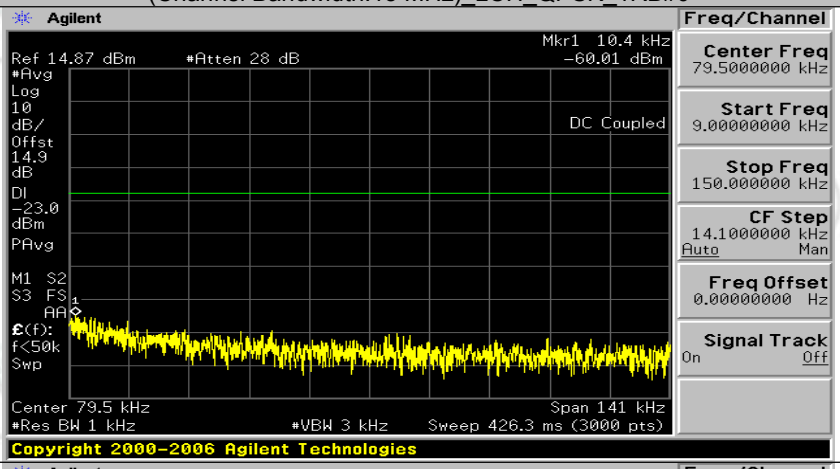


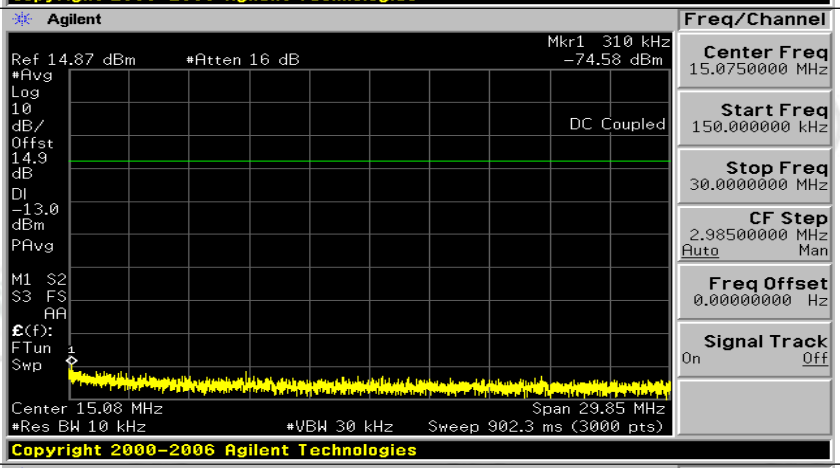


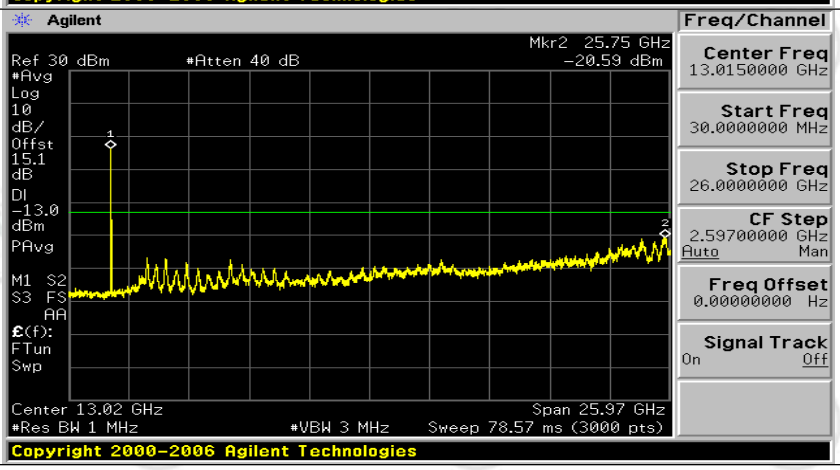
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49




Channel Bandwidth: 15 MHz

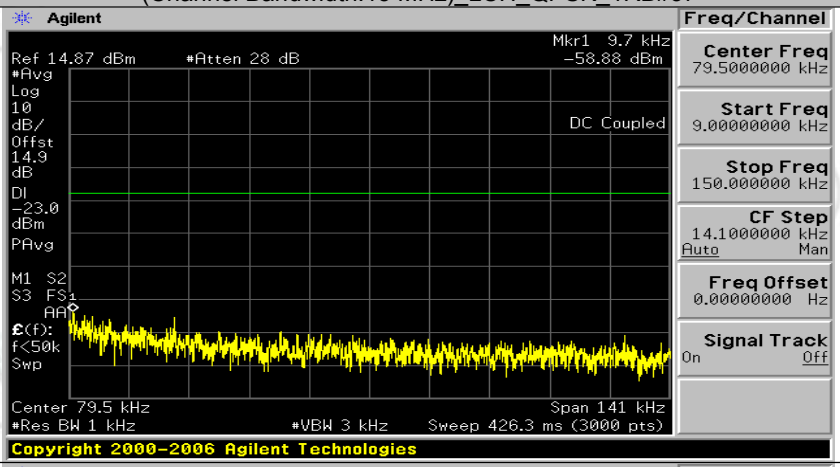
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0

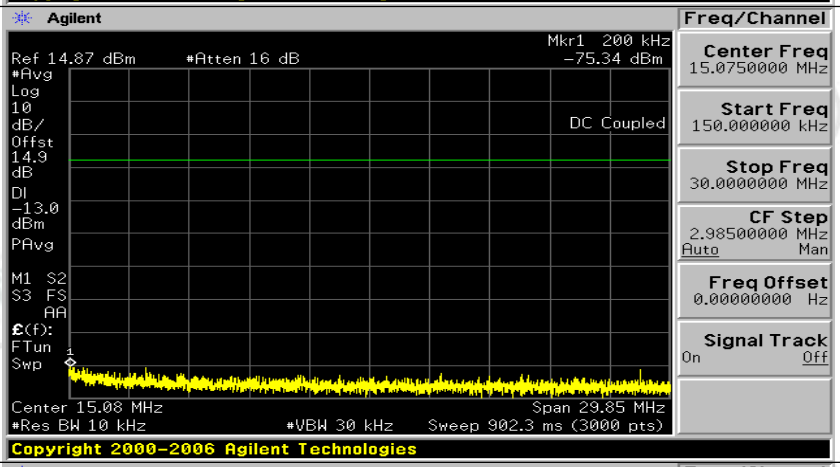


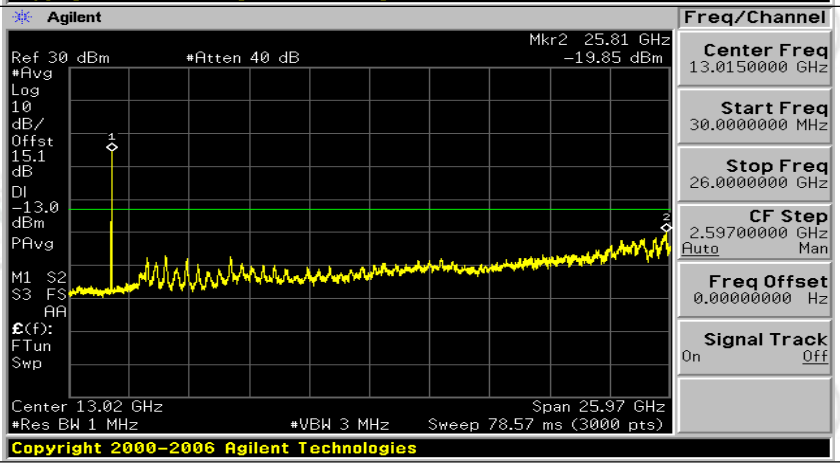




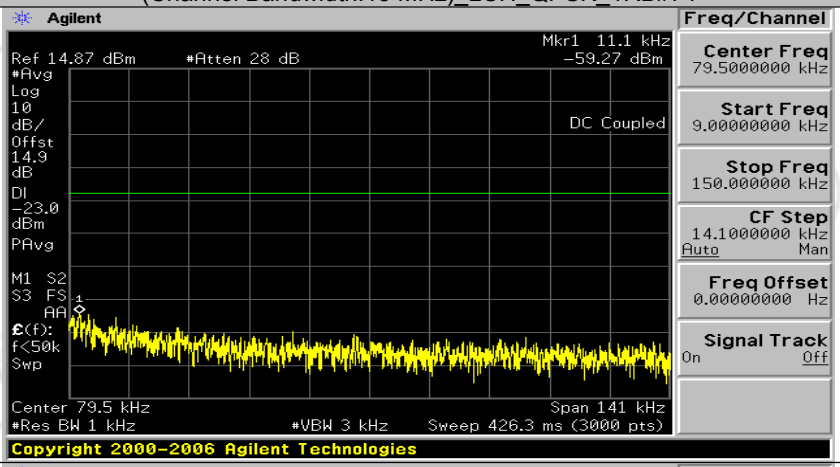
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#37

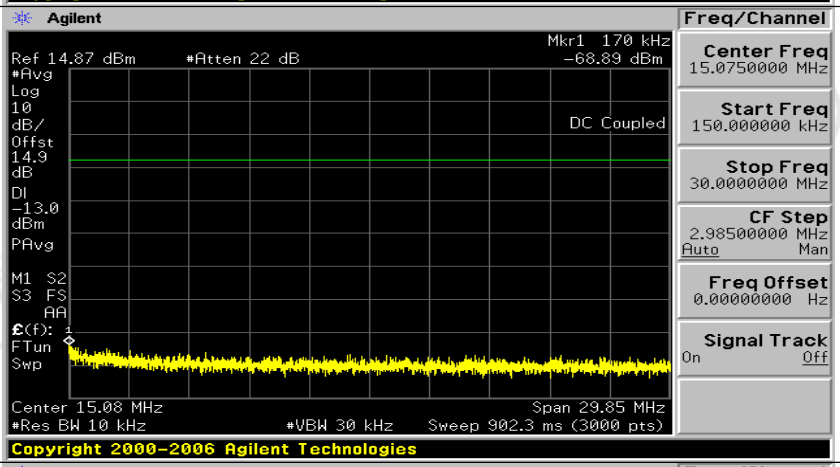


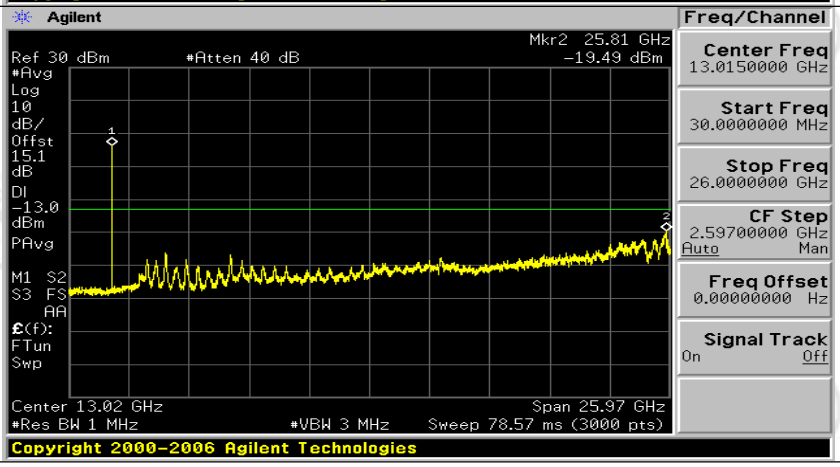




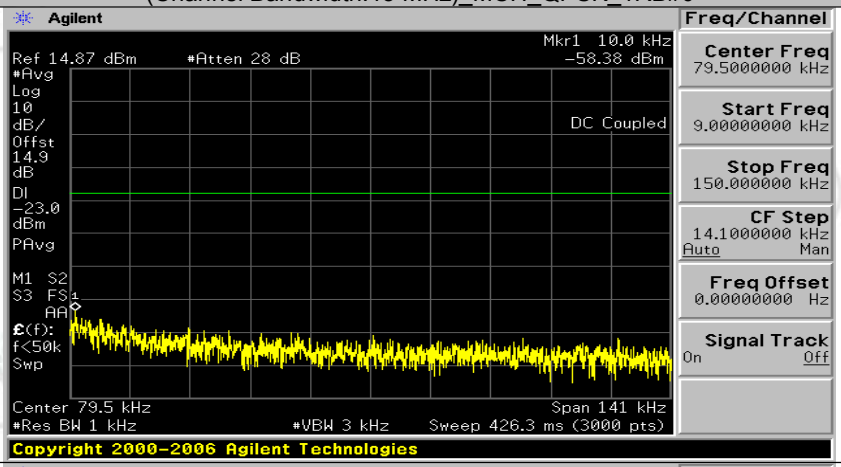
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#74

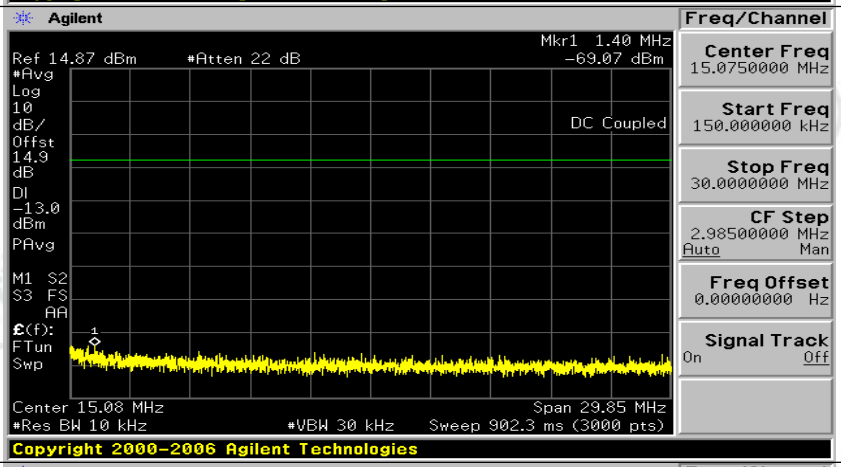


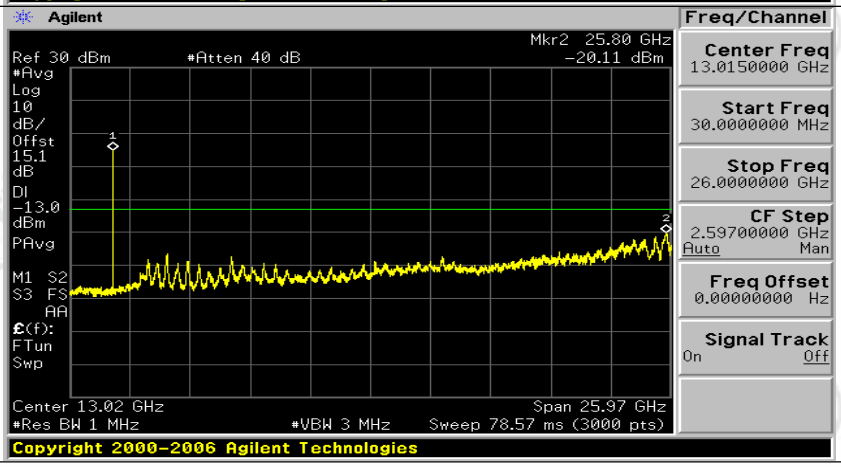




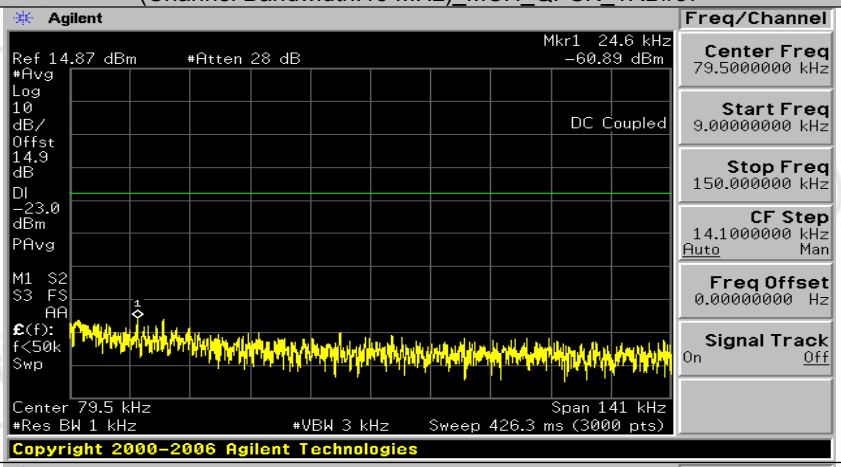
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0

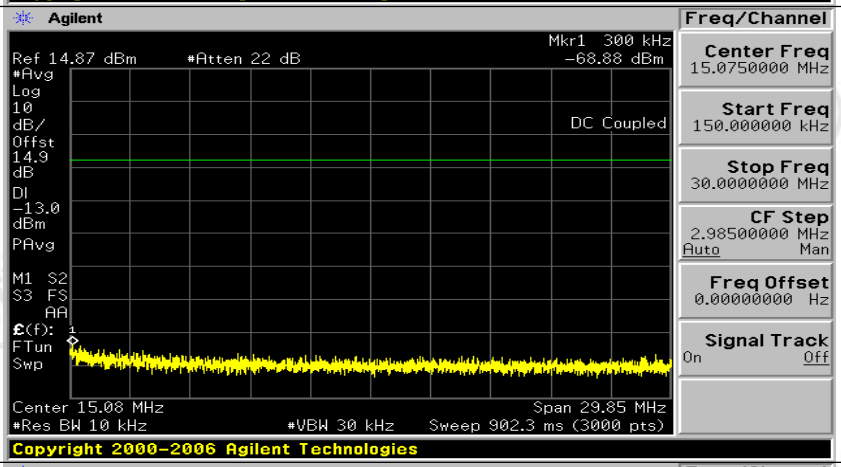


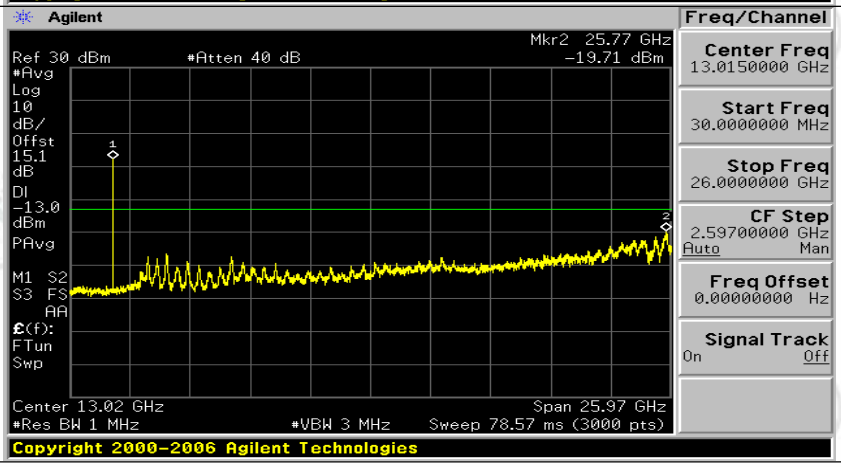




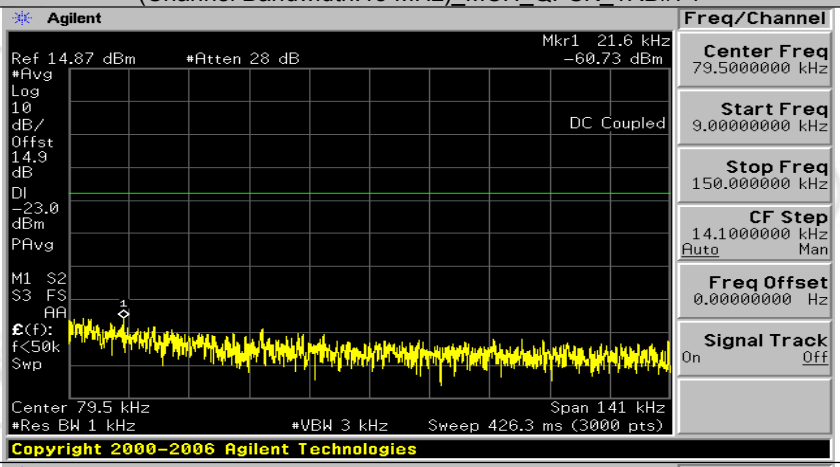
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37

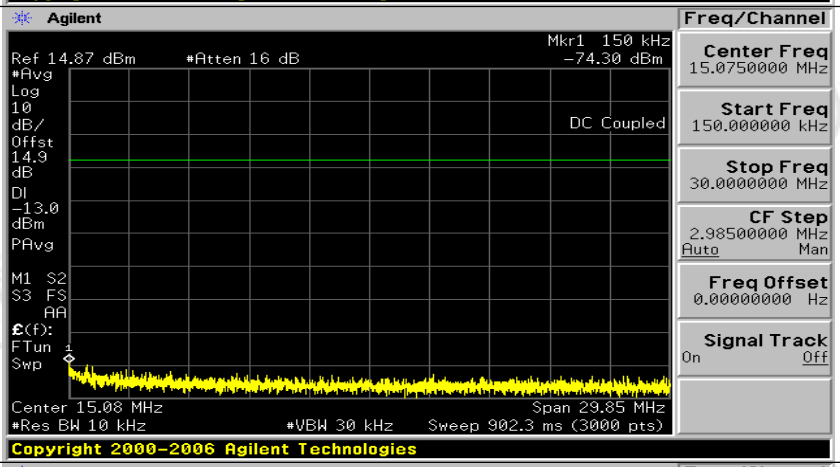


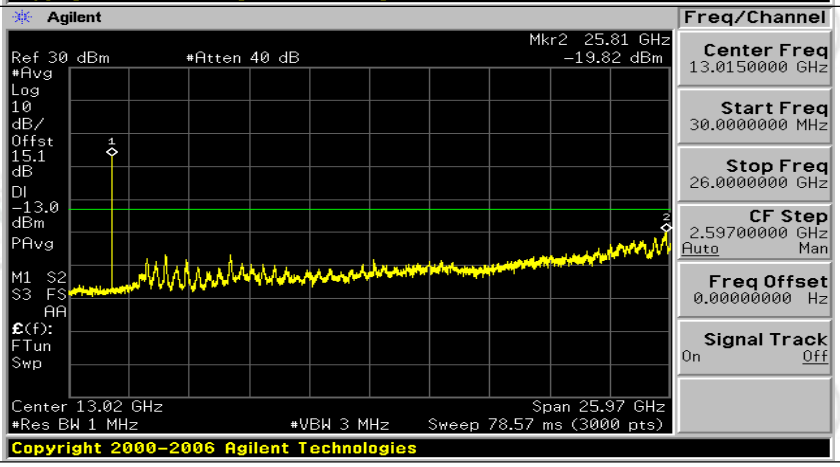




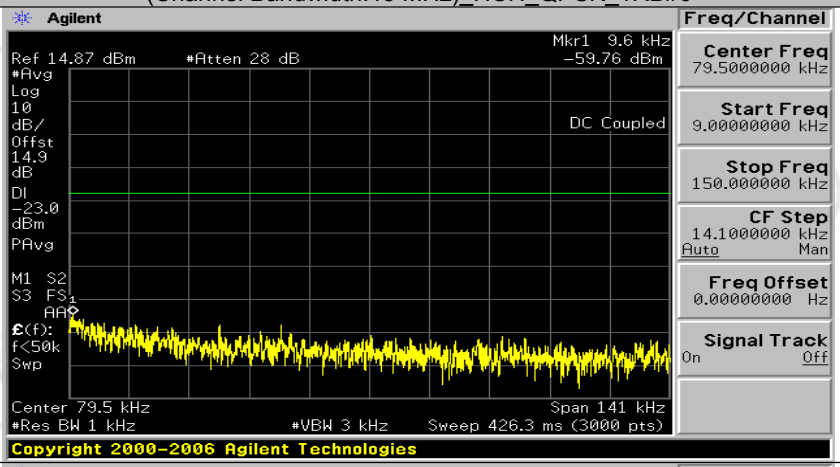
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74

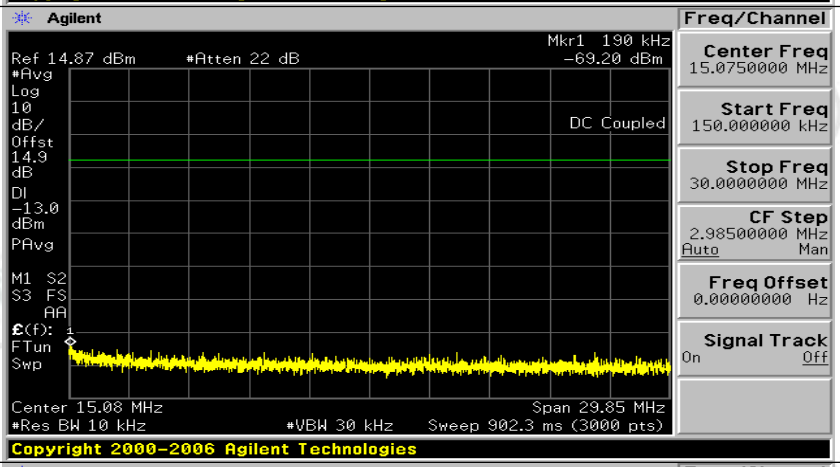


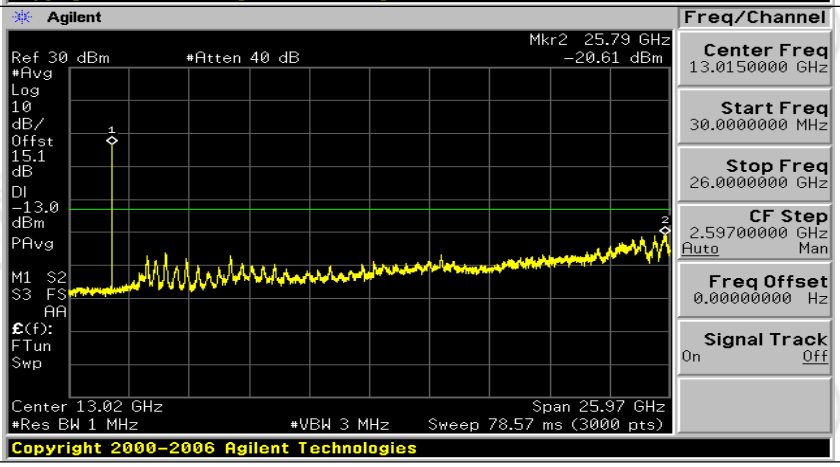




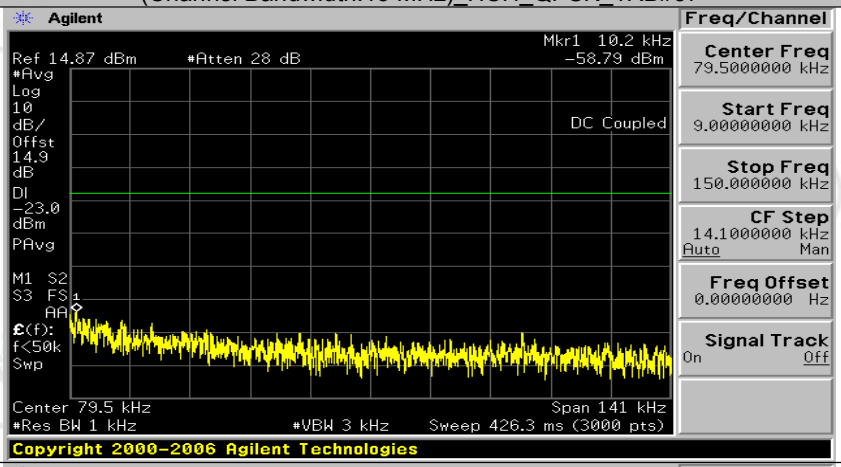
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0

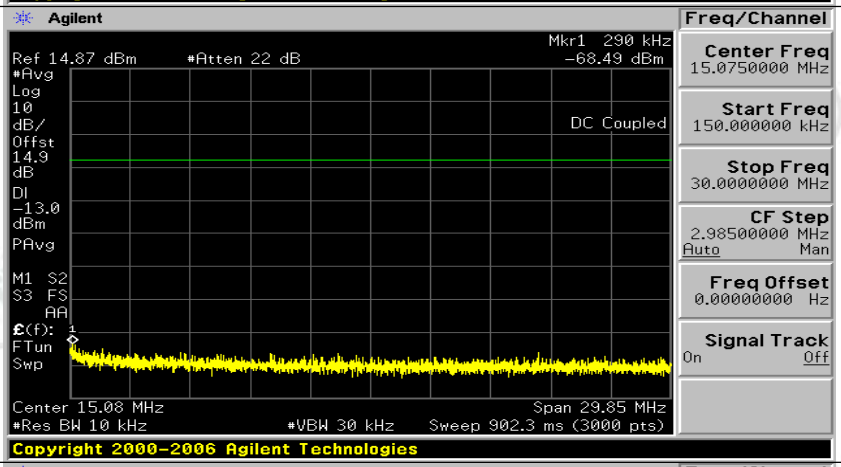


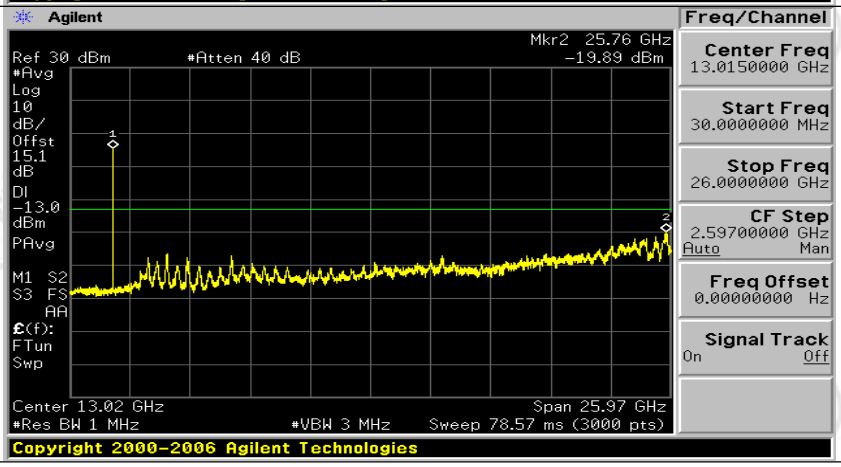




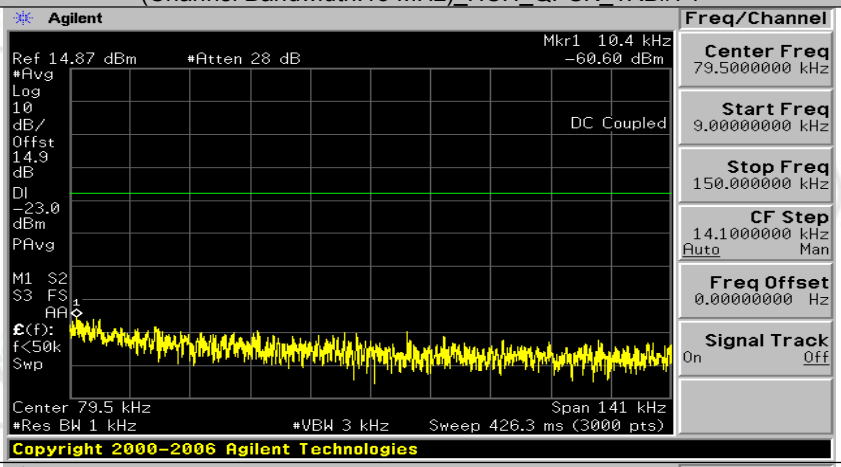
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37

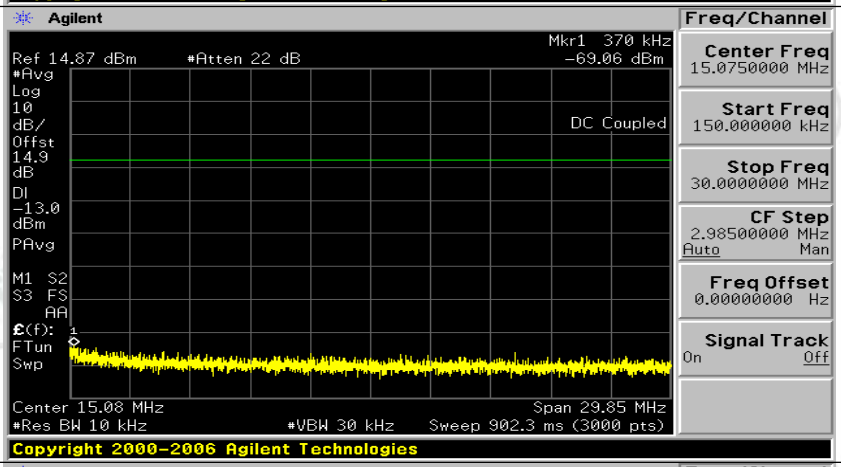


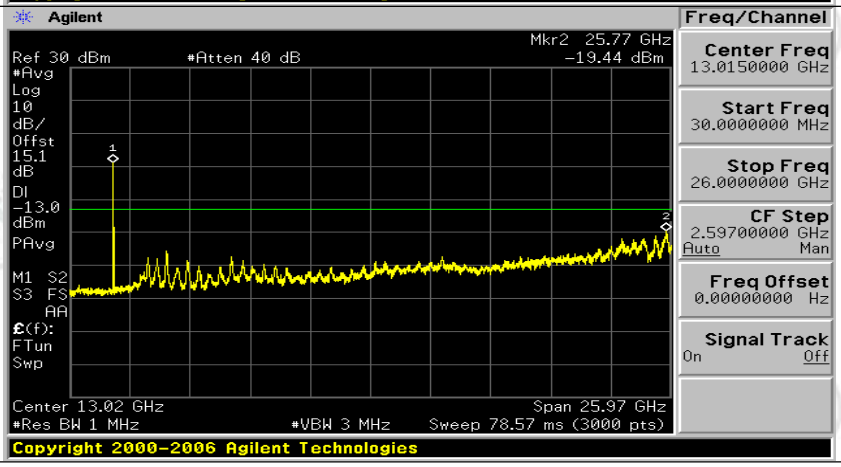




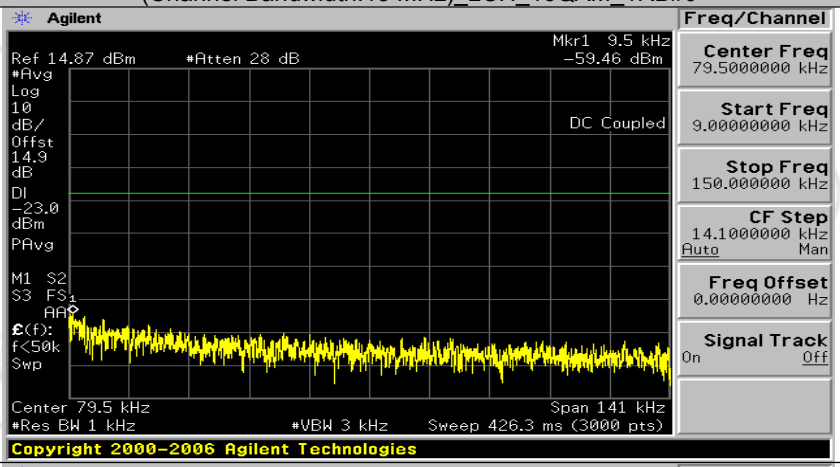
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74

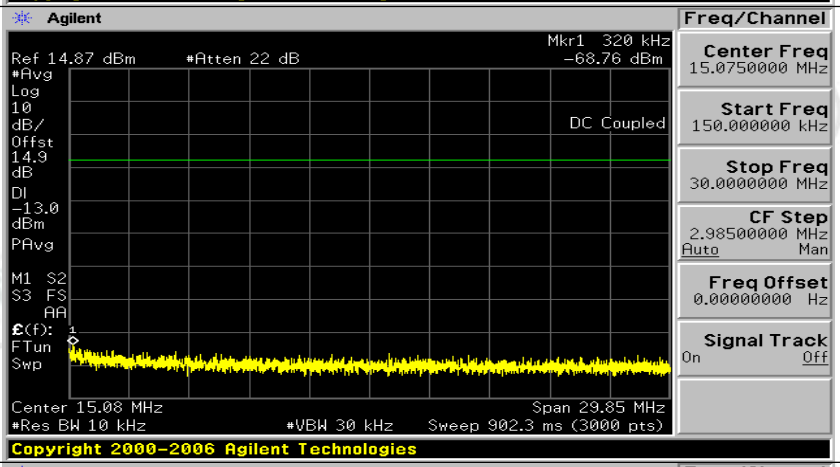


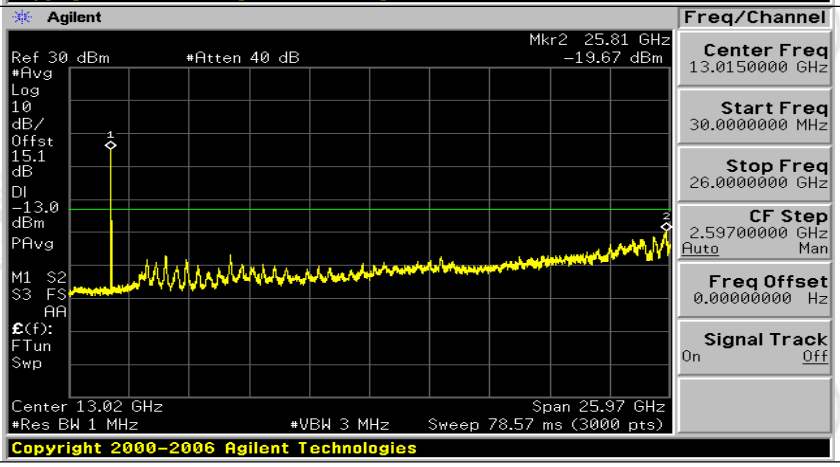




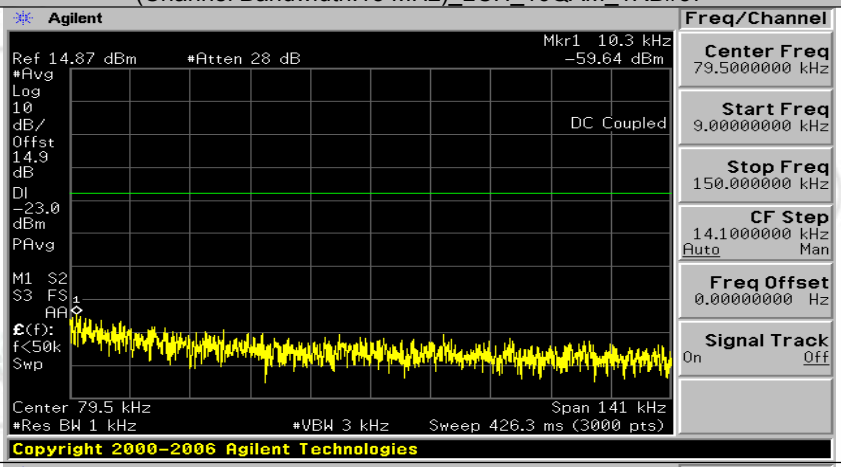
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0

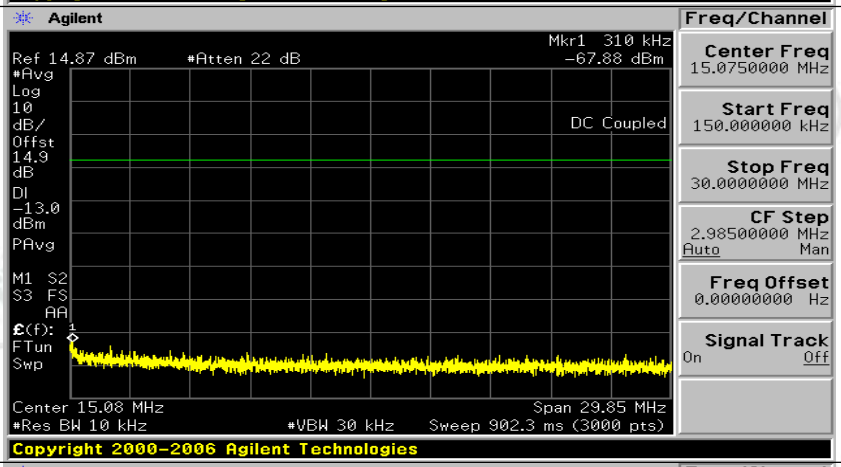


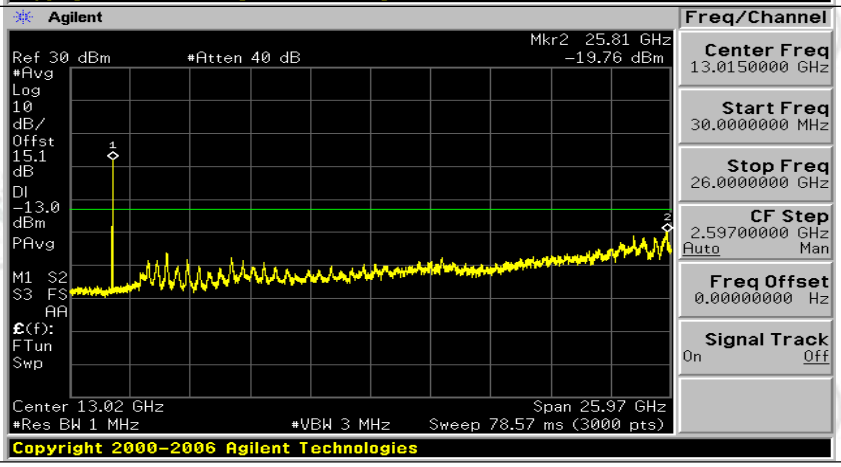




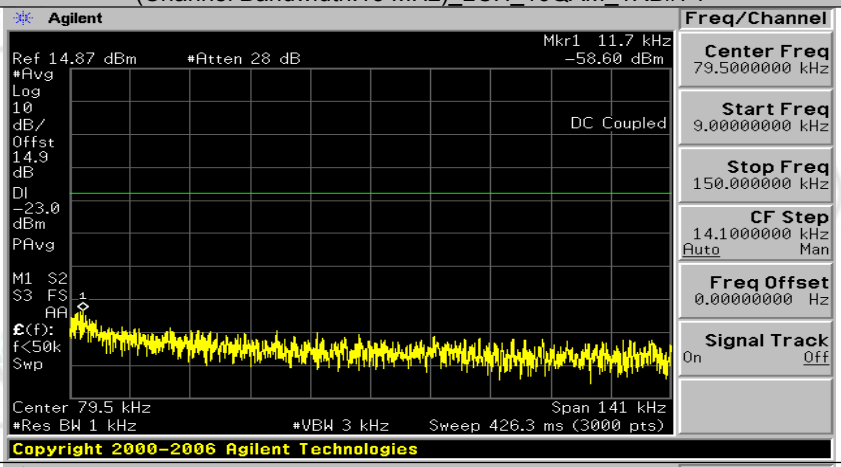
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37

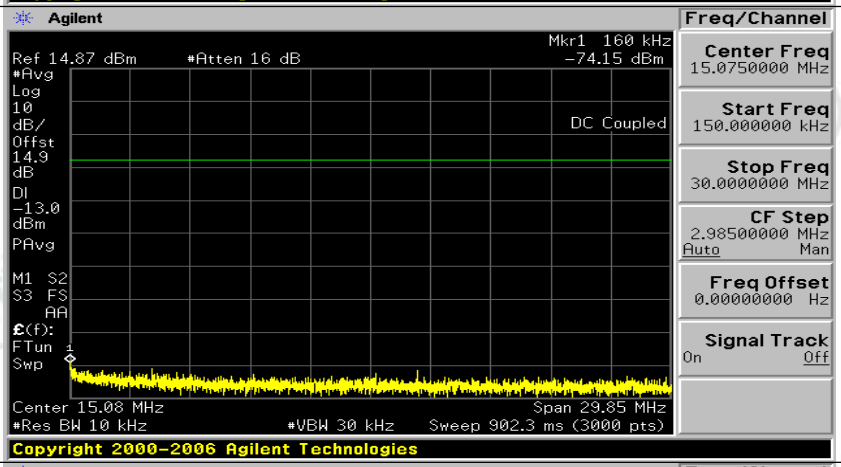


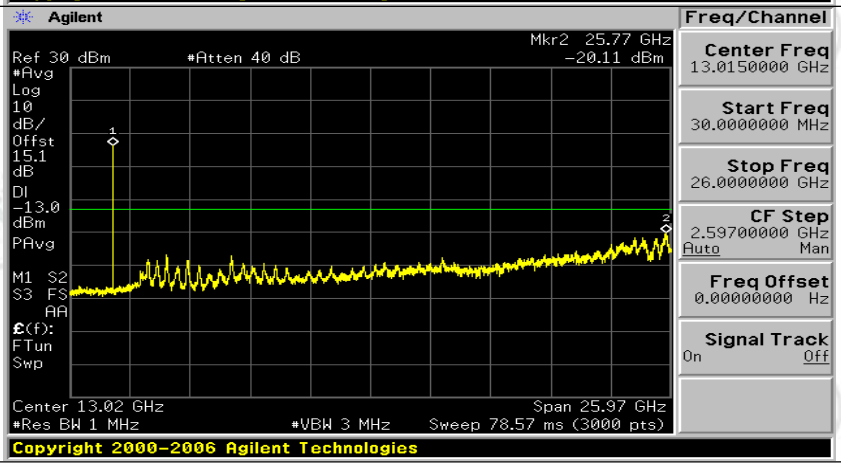




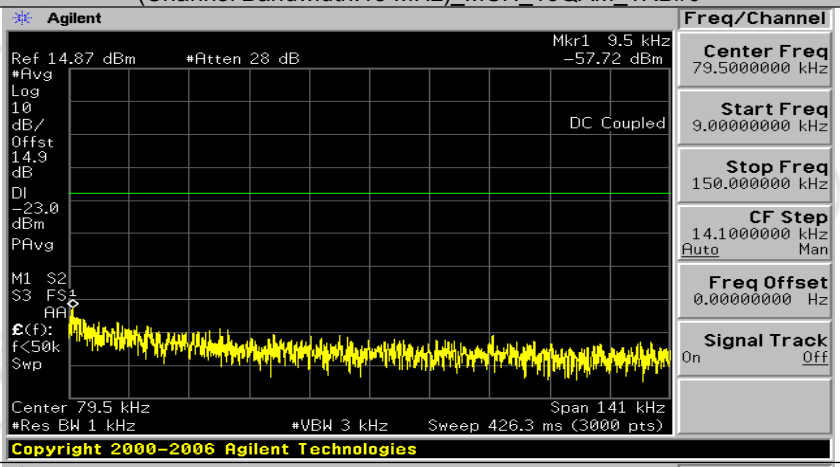
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74

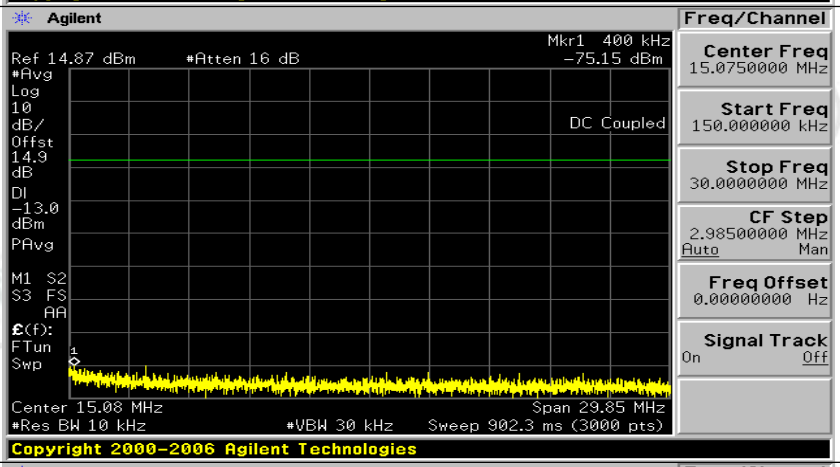


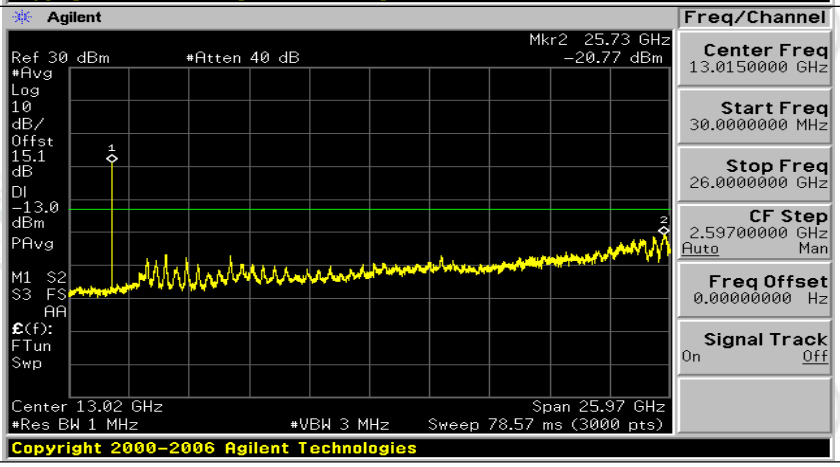




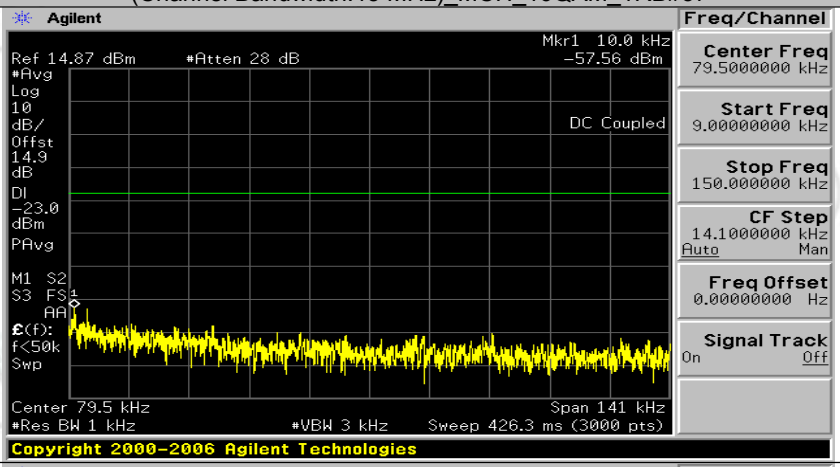
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

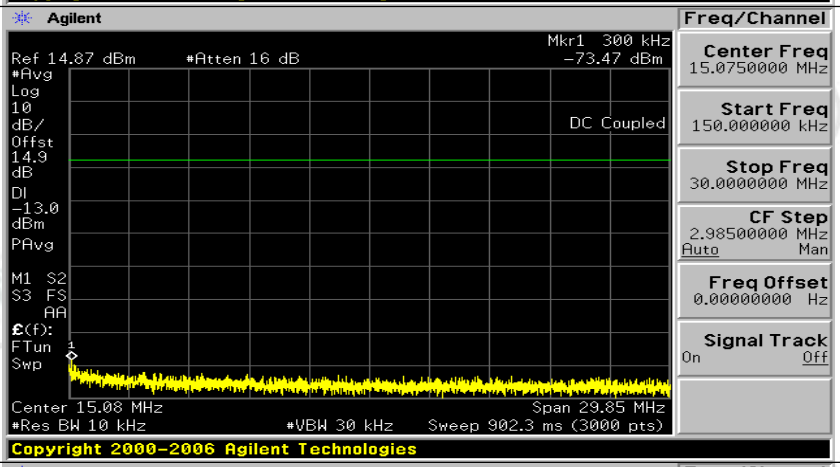


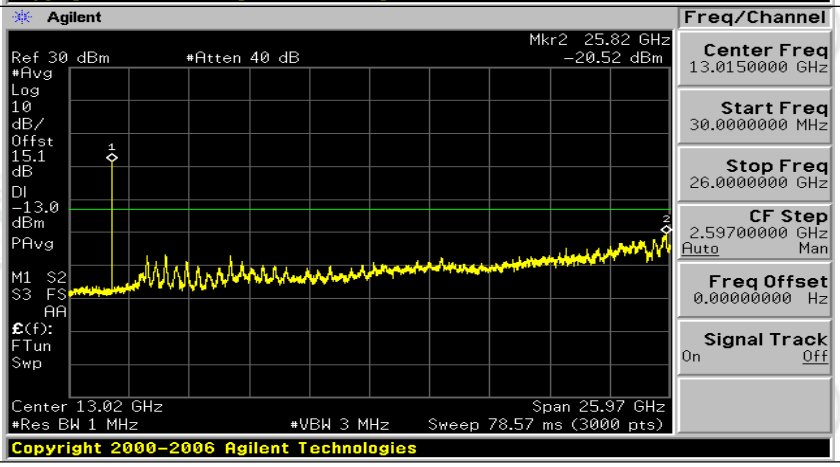




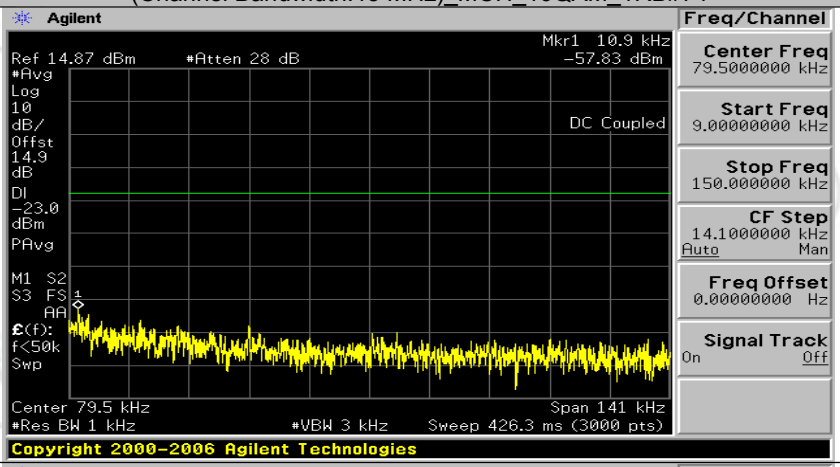
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

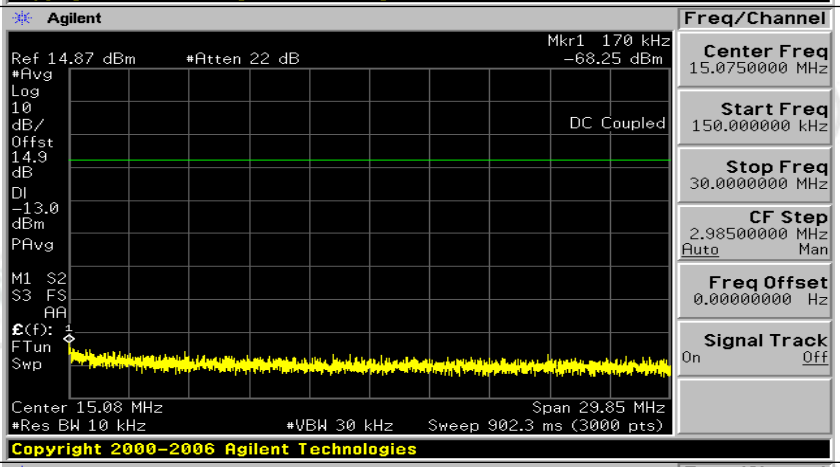


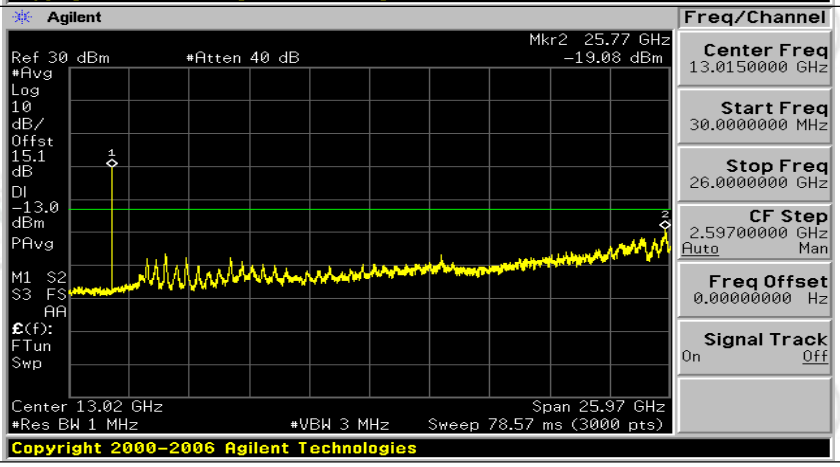




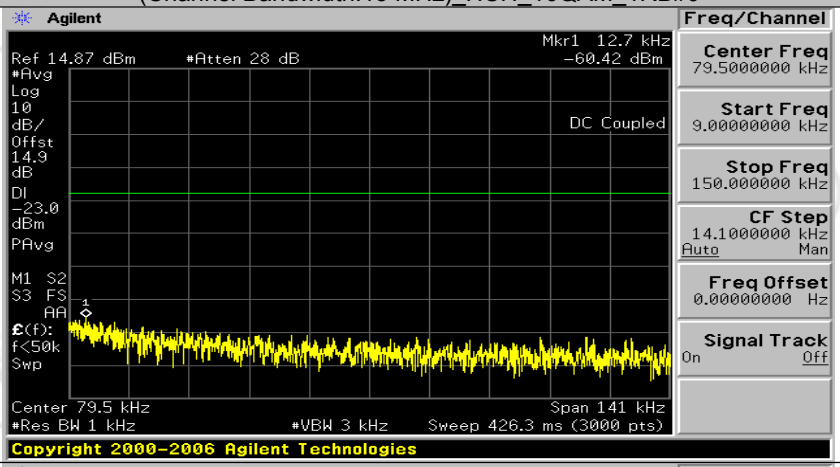
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74

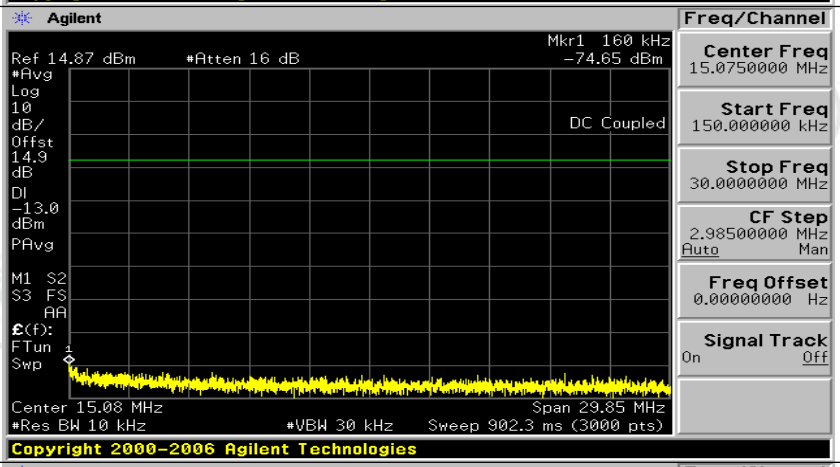


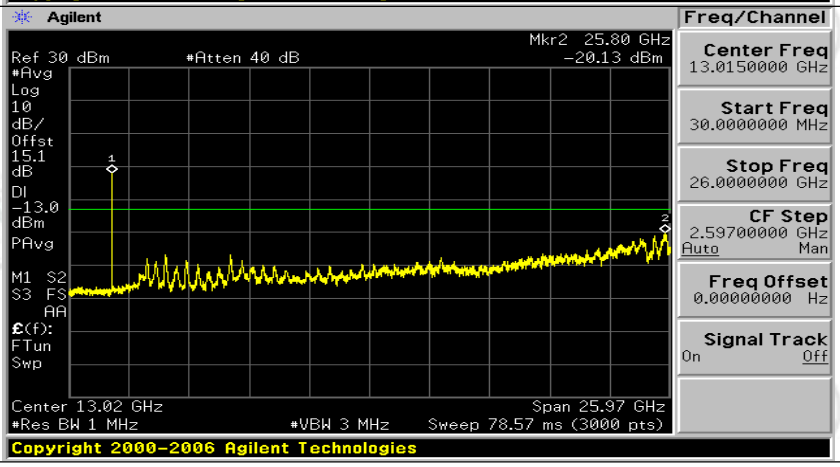




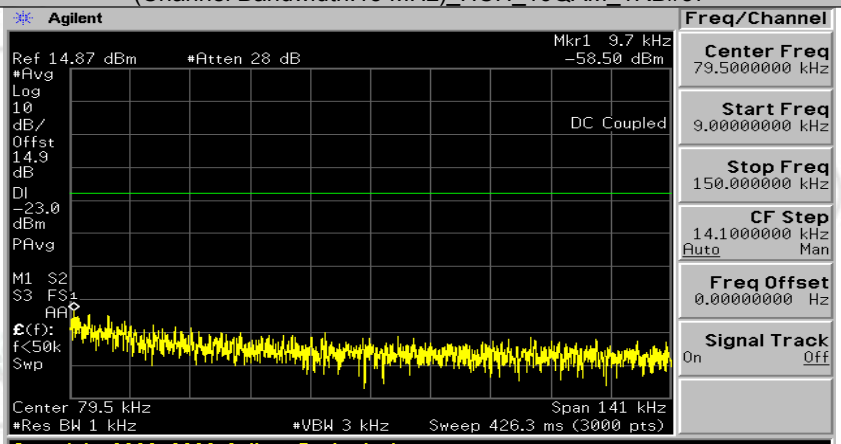
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

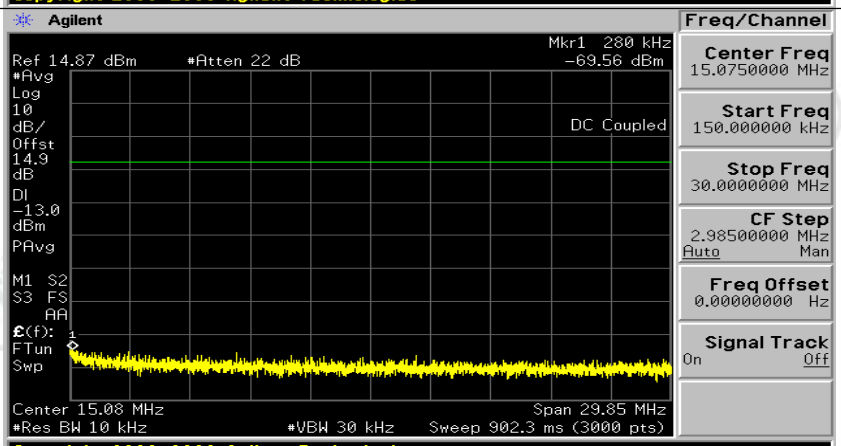


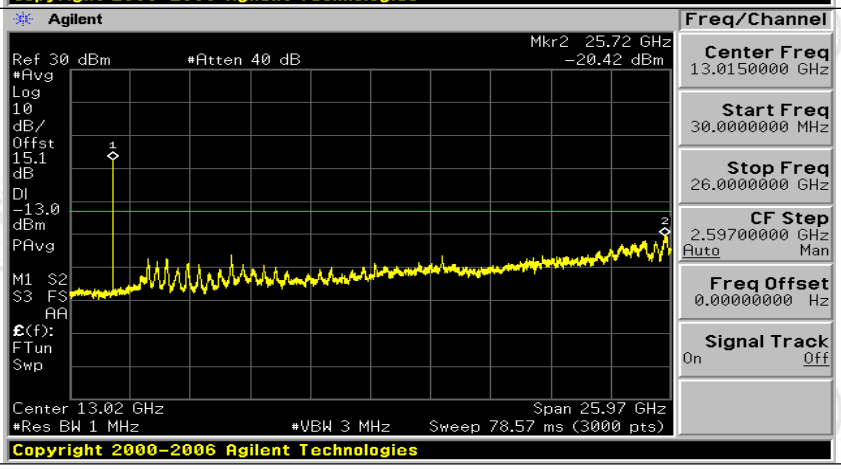




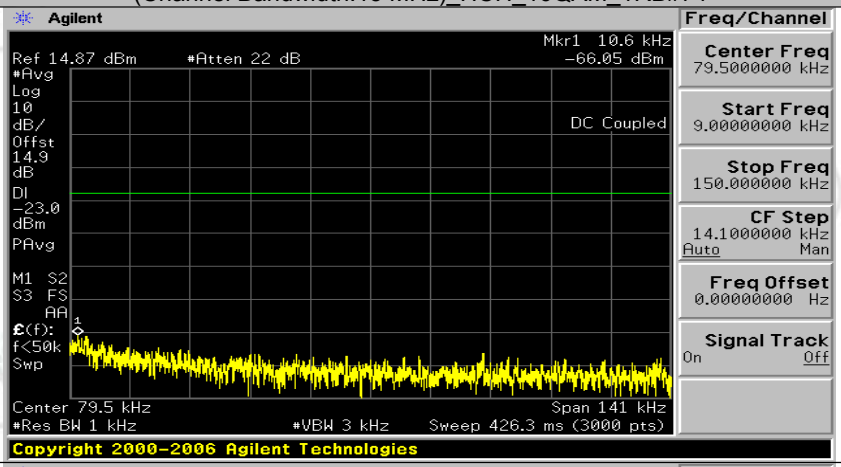
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37

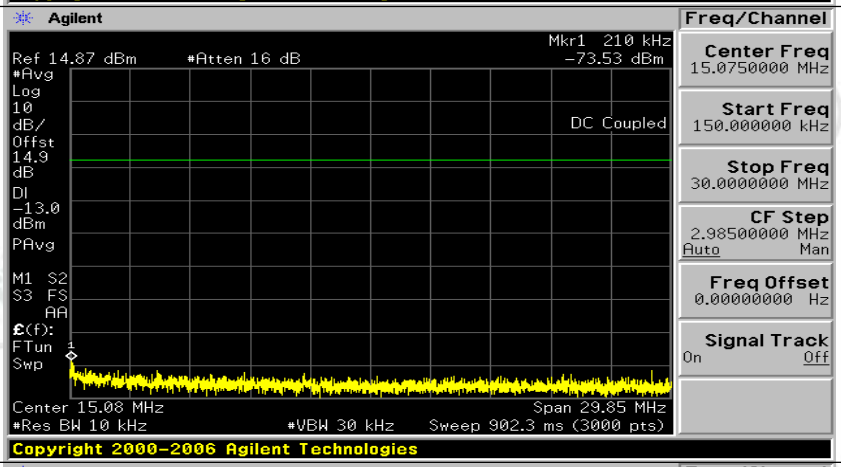


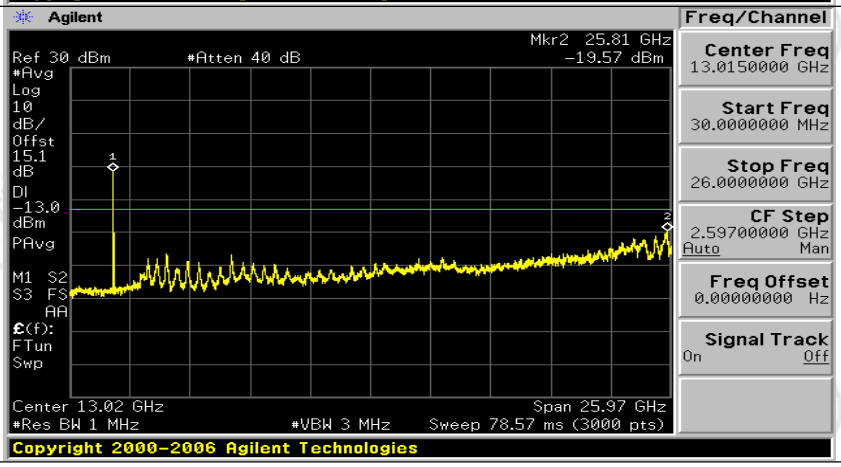




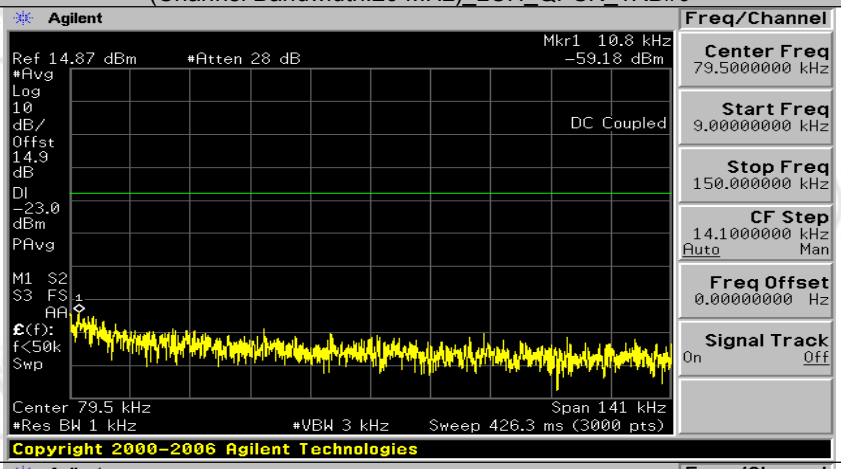
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74

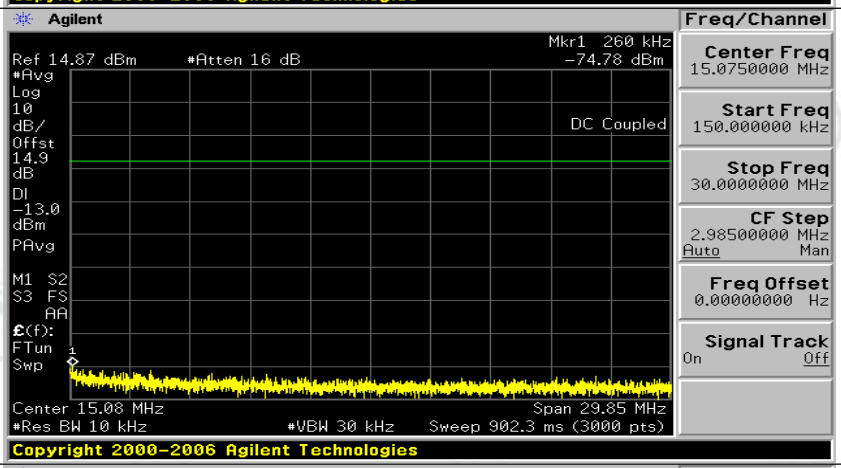


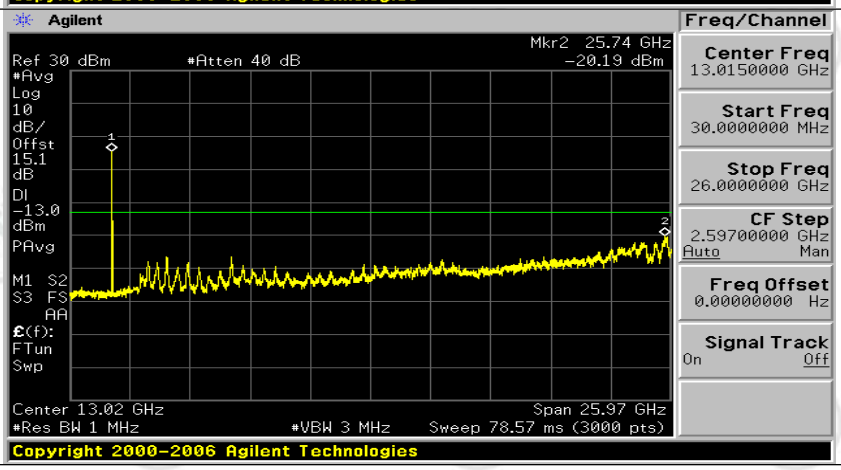




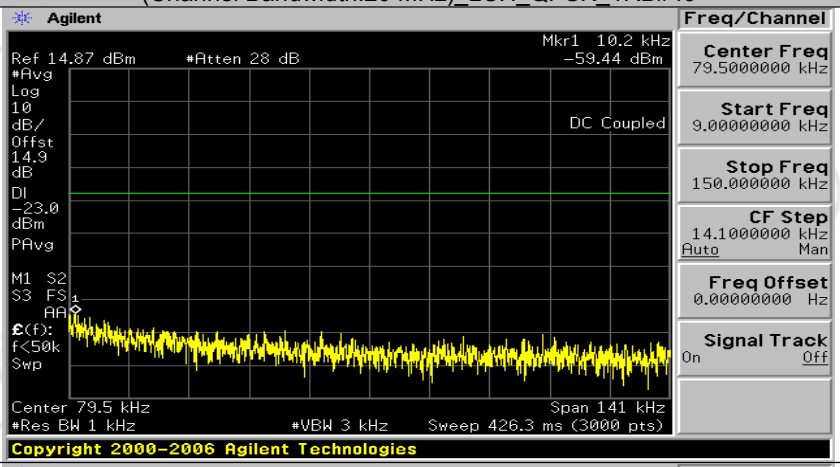
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0

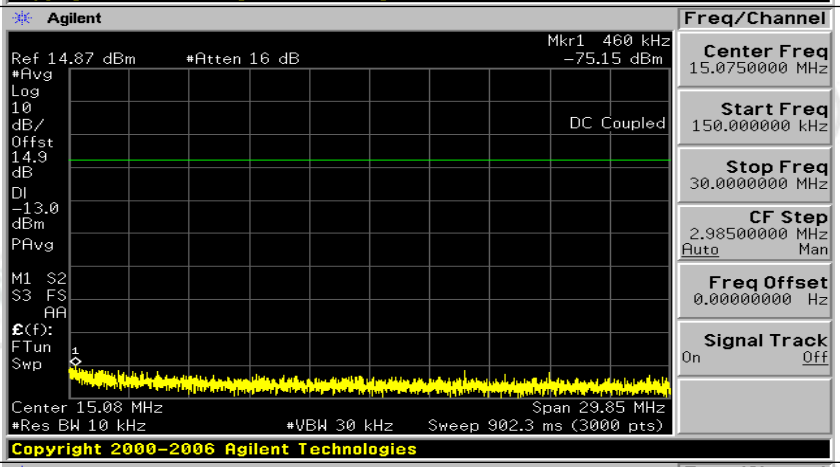


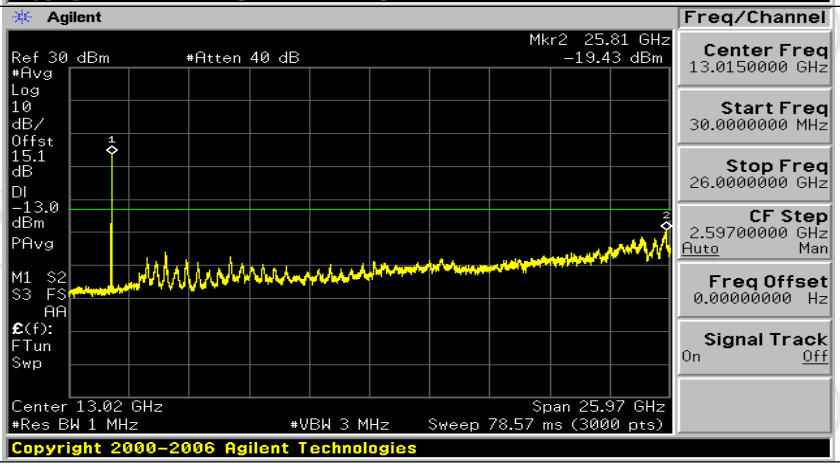




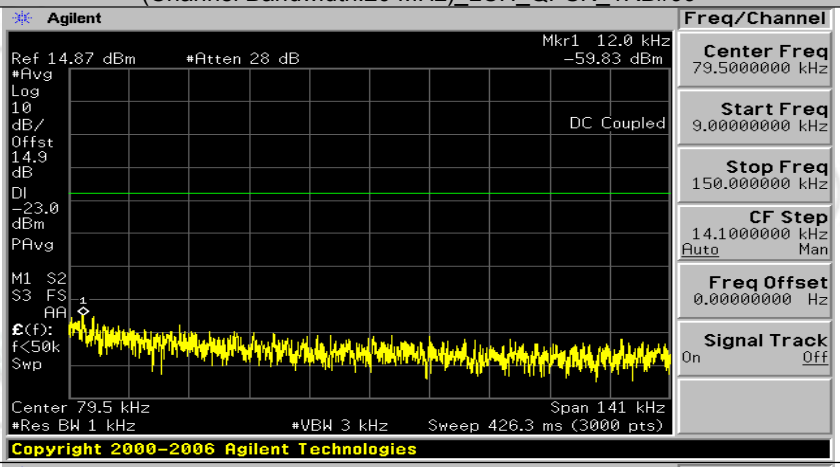
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#49

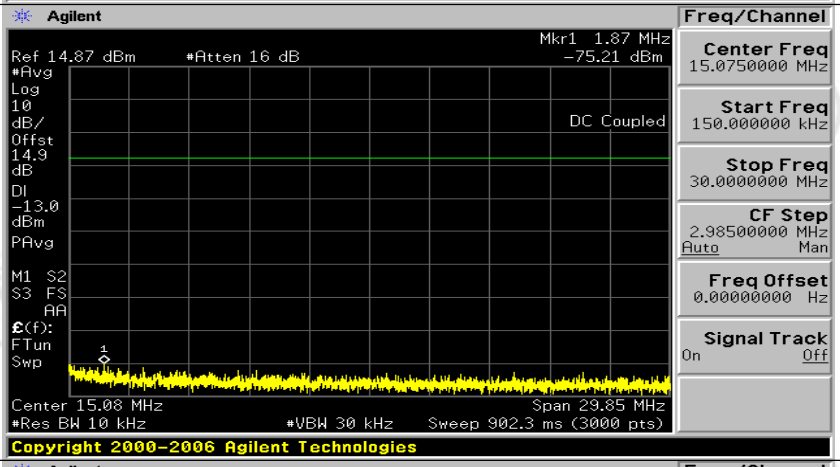


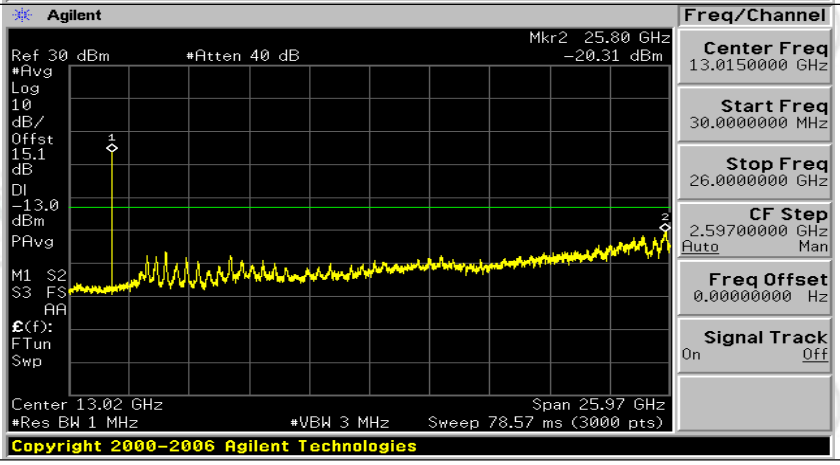




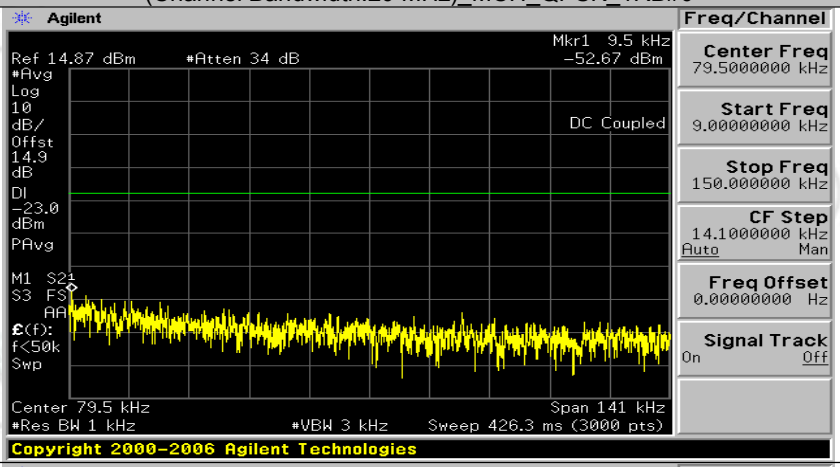
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99

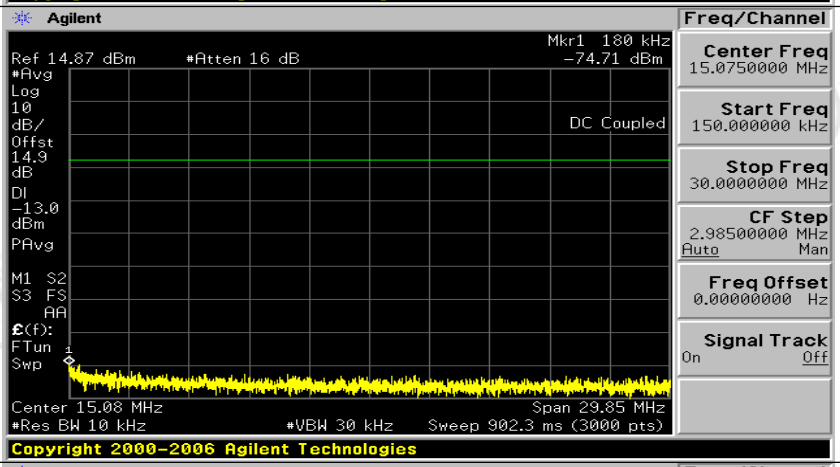


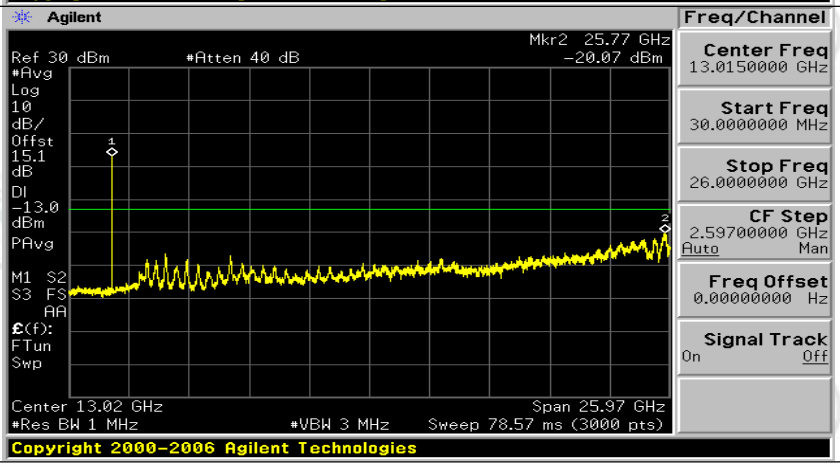




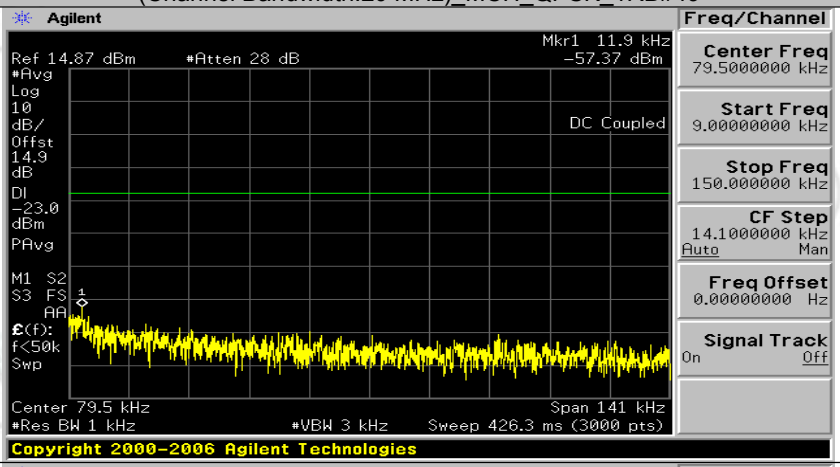
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

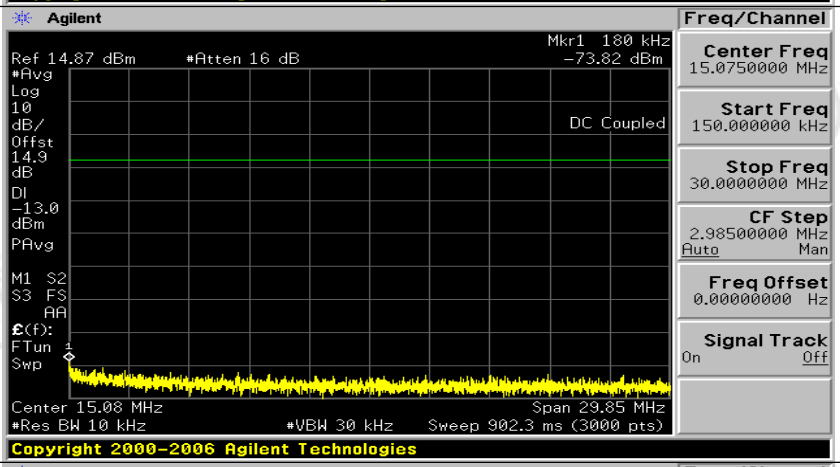


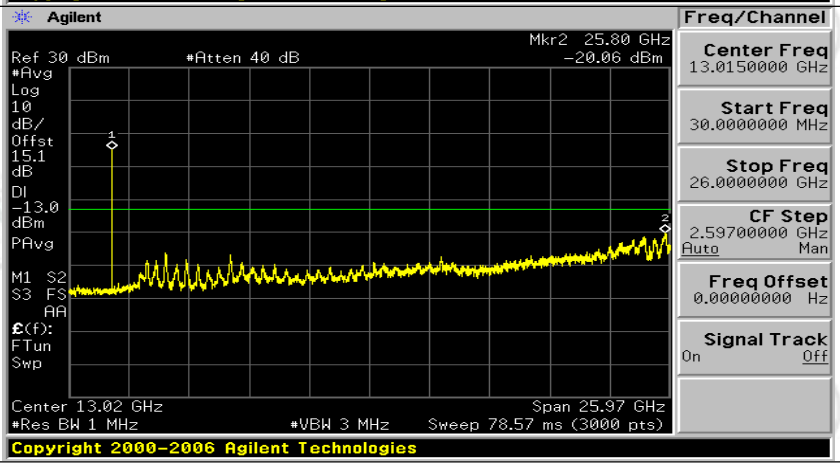




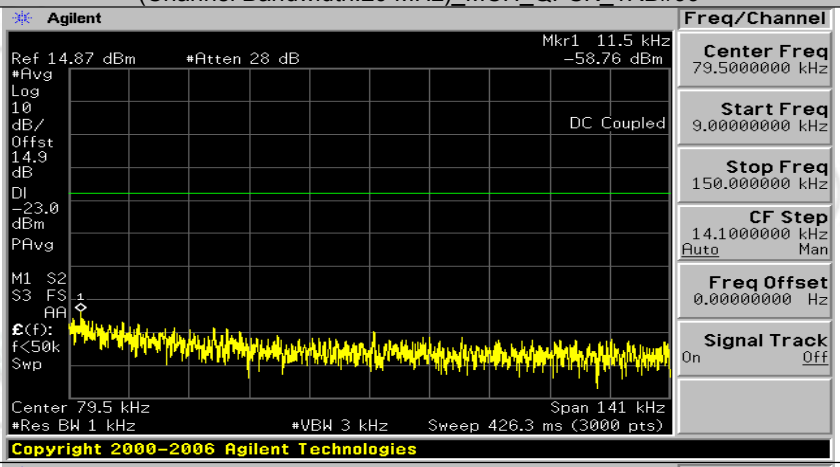
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49

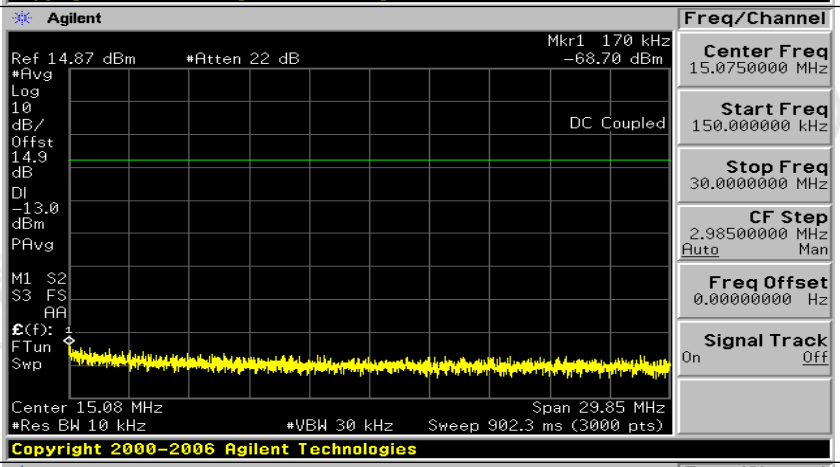


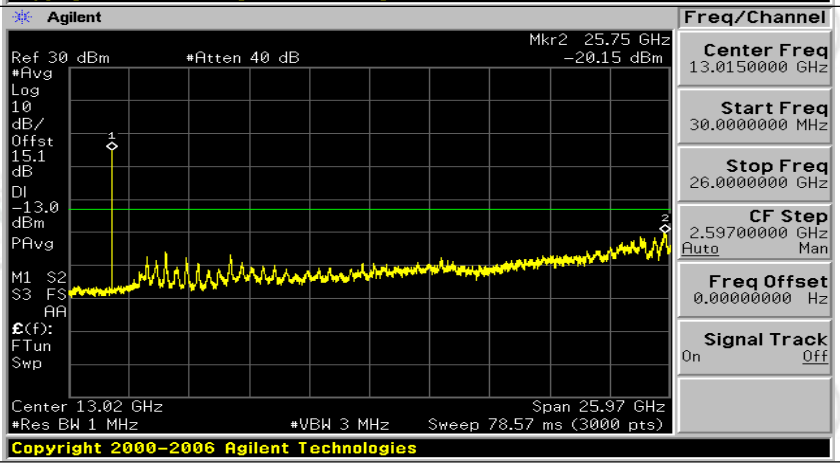




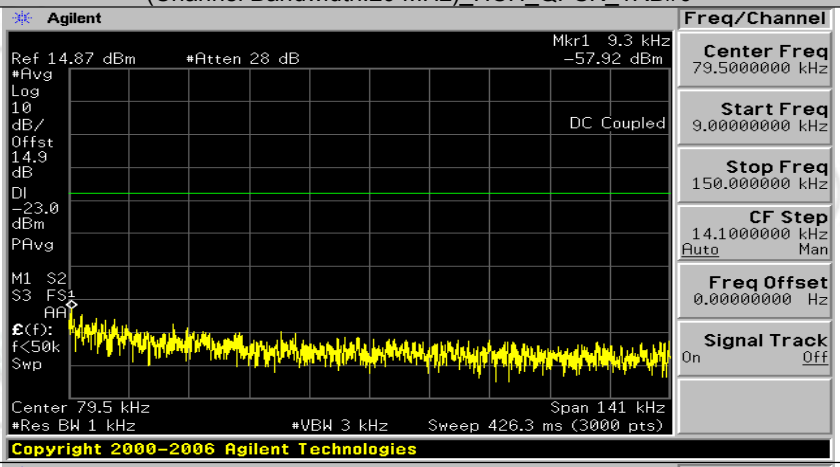
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99

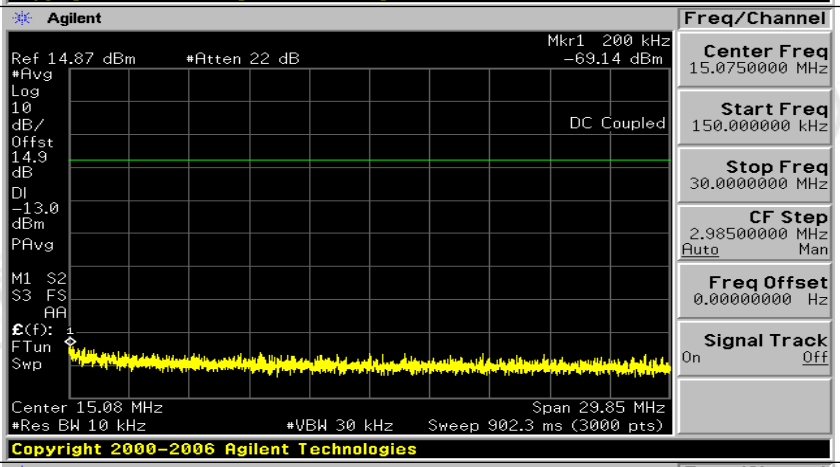


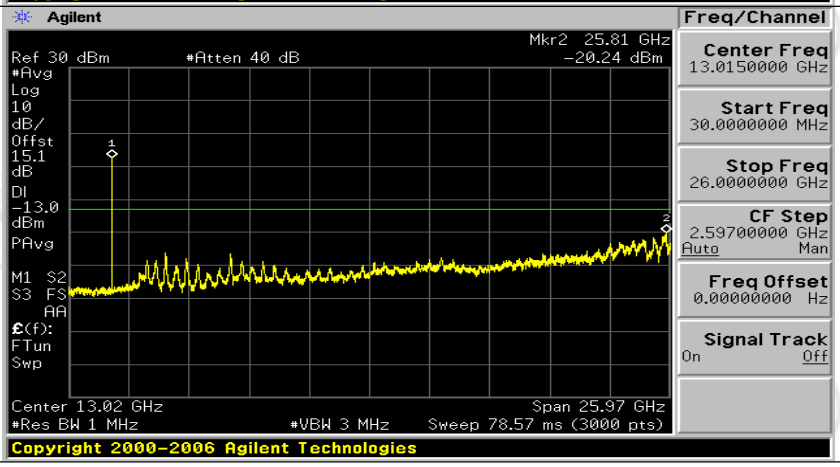




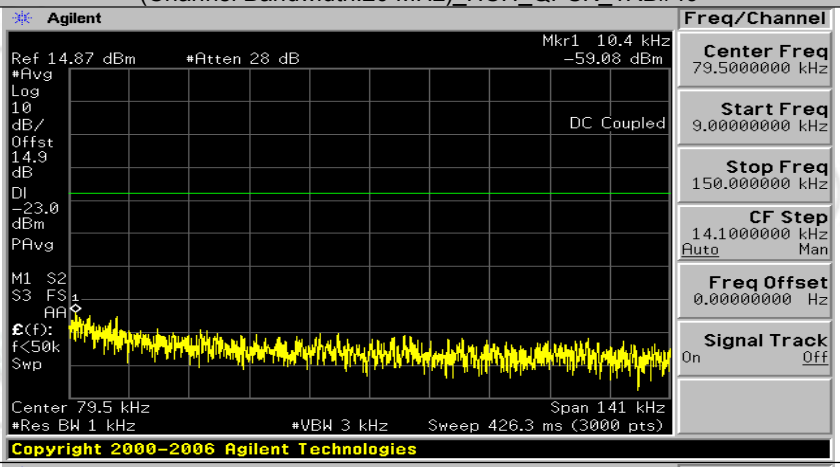
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

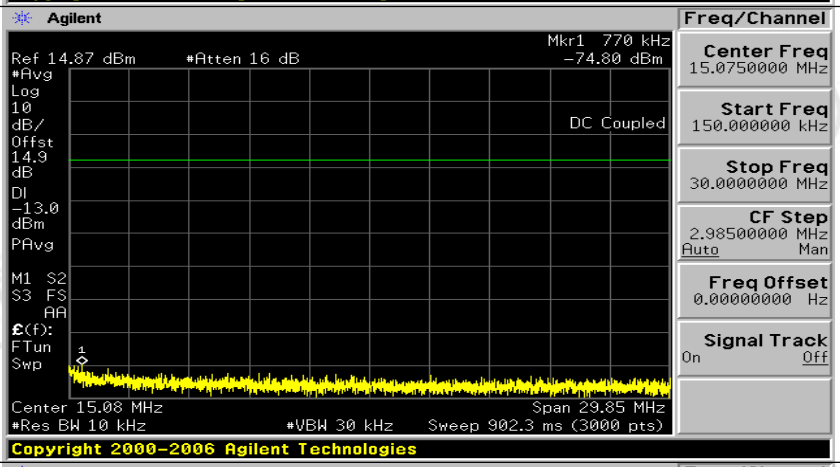


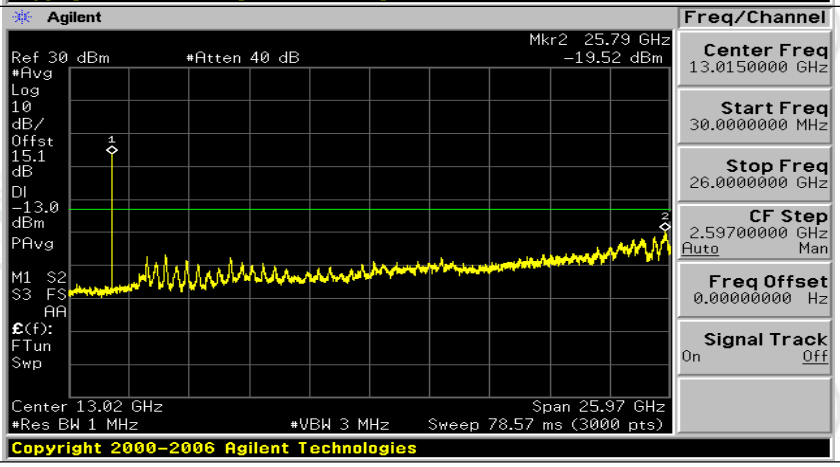




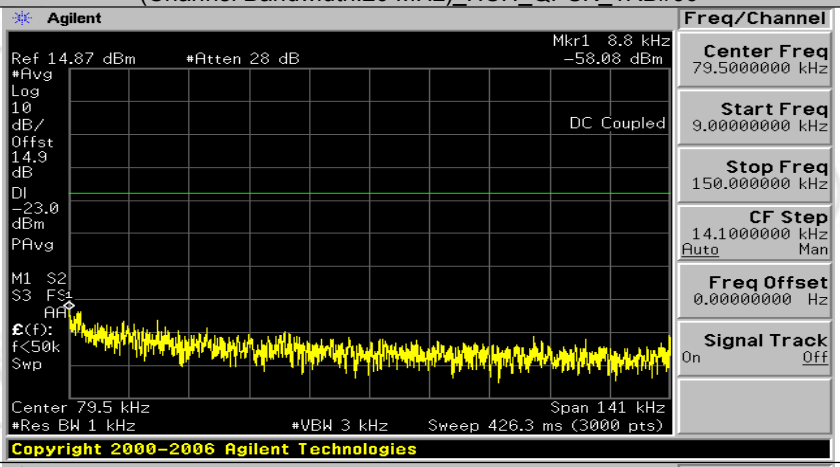
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49

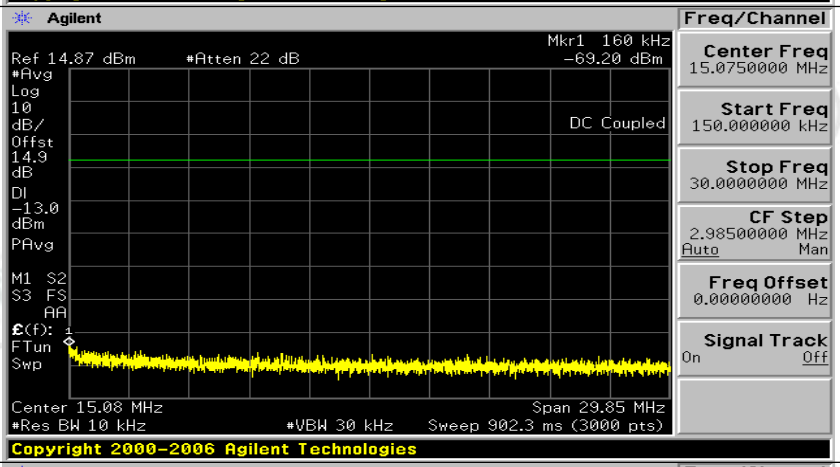


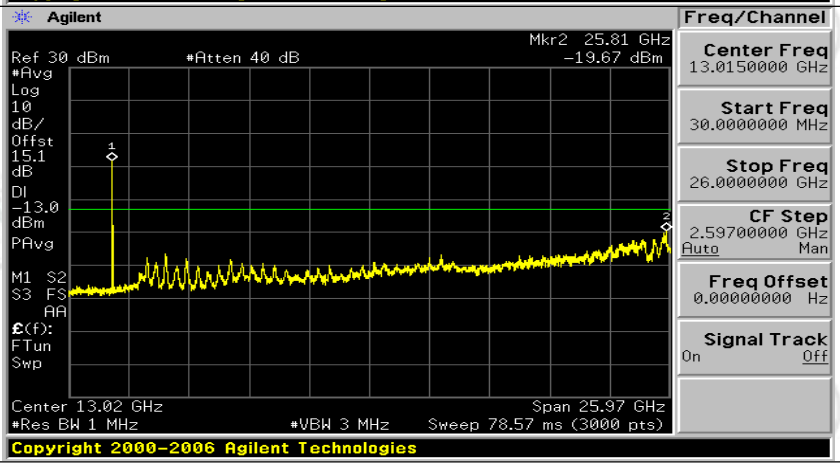




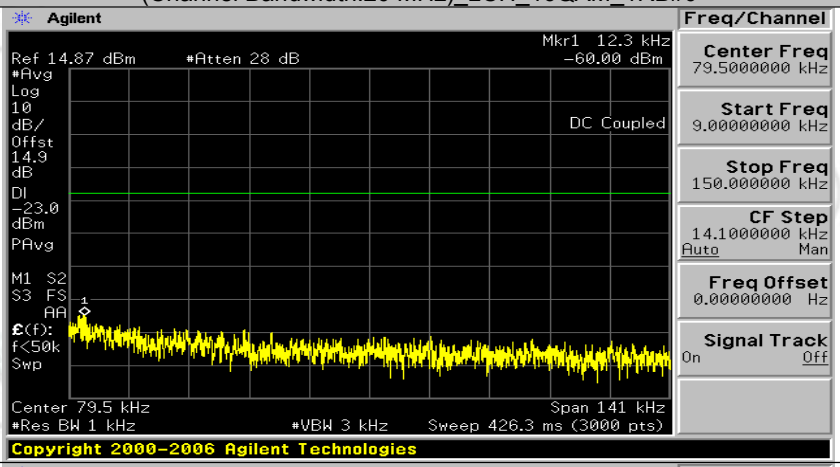
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99

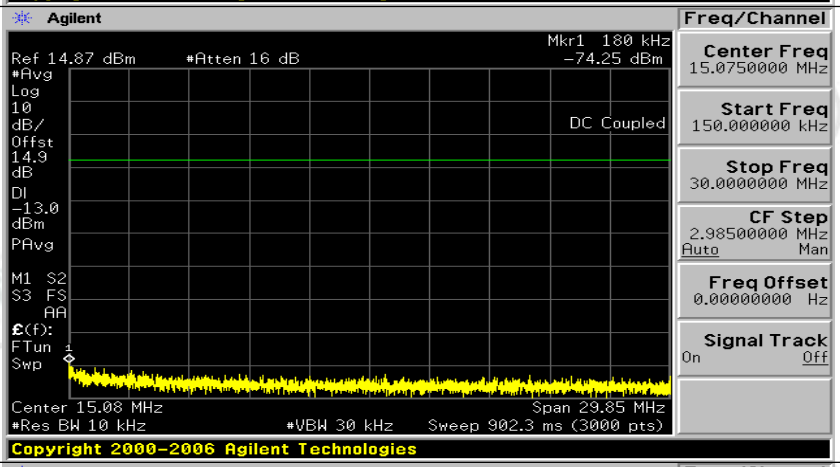


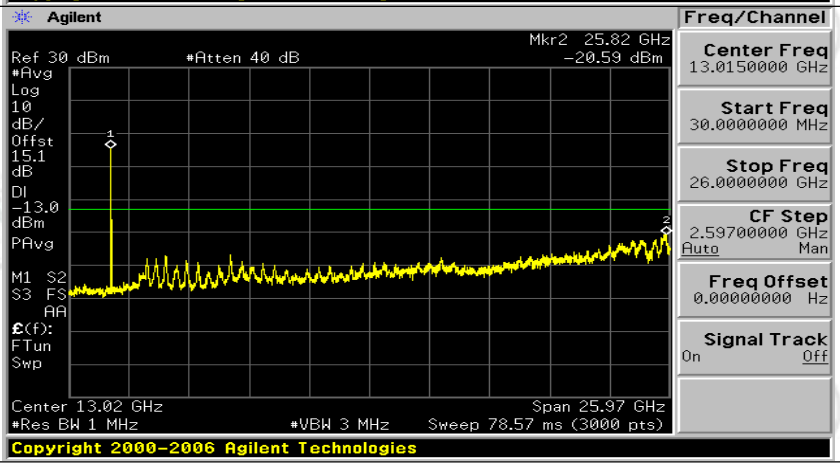




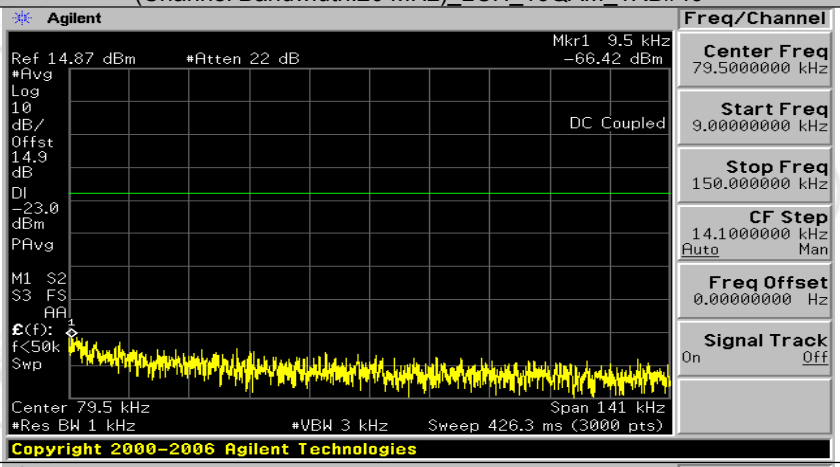
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0

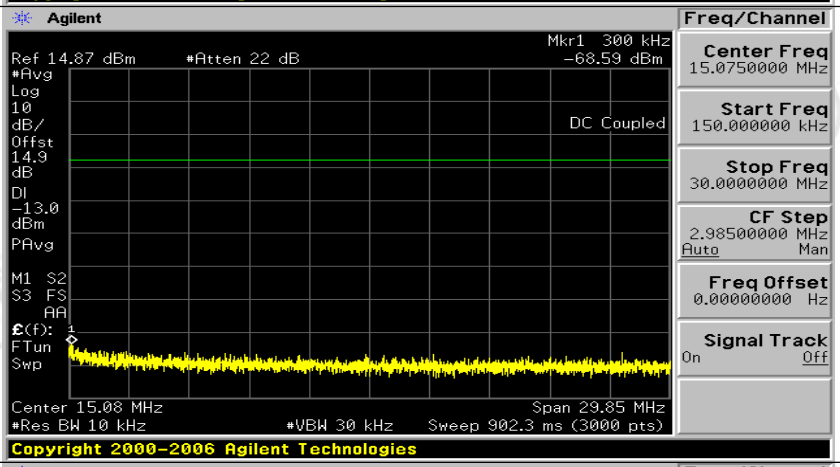


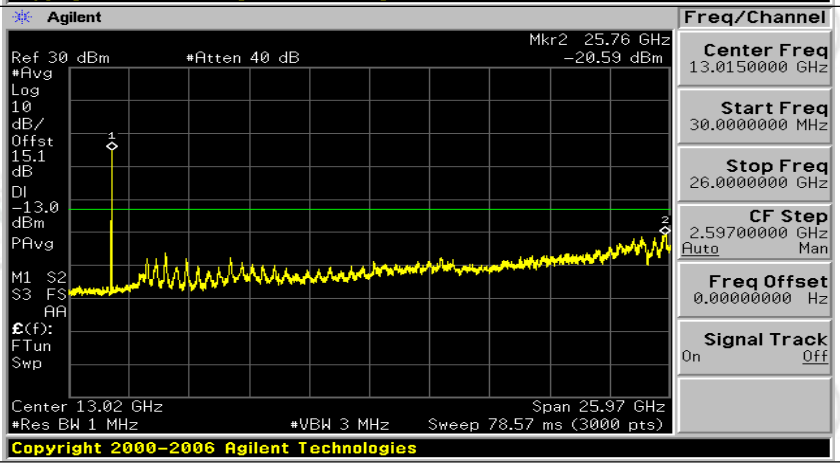




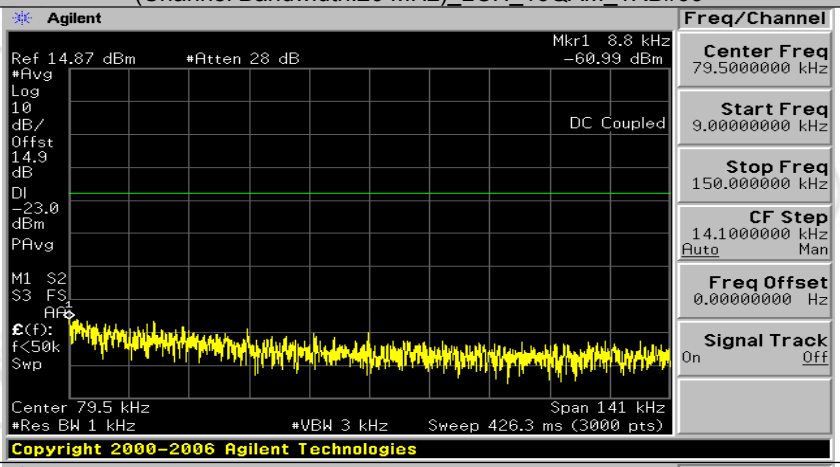
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49

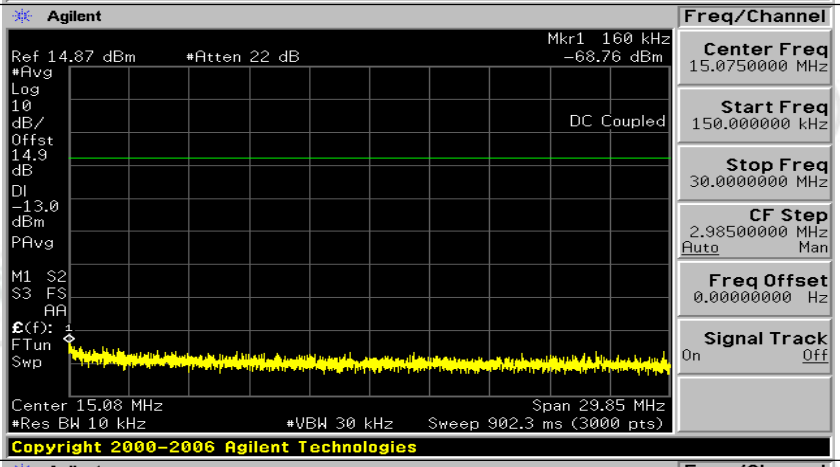


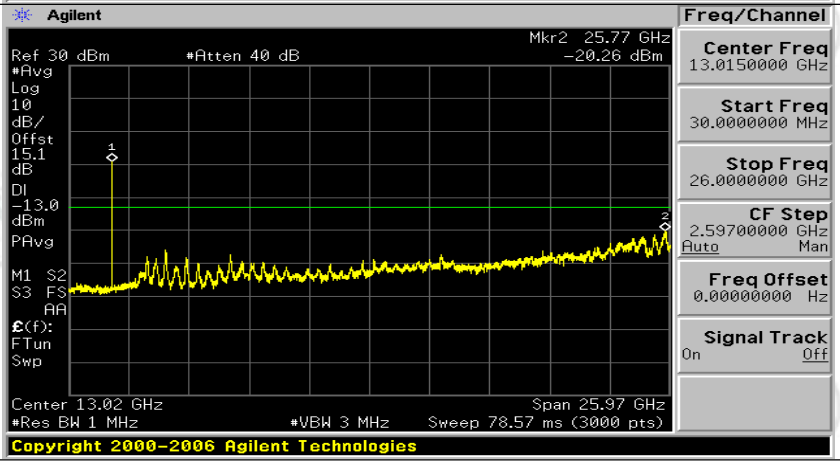




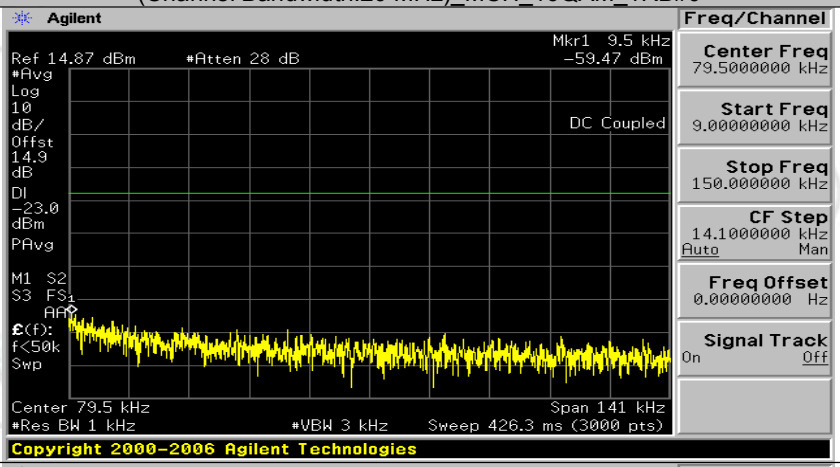
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99

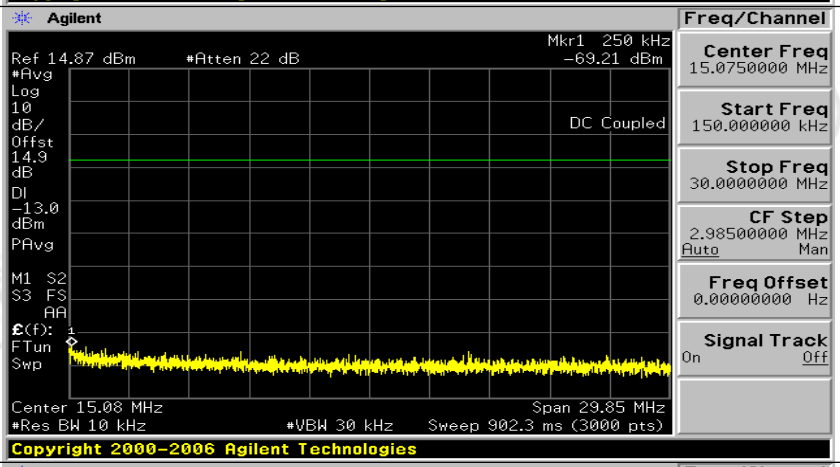


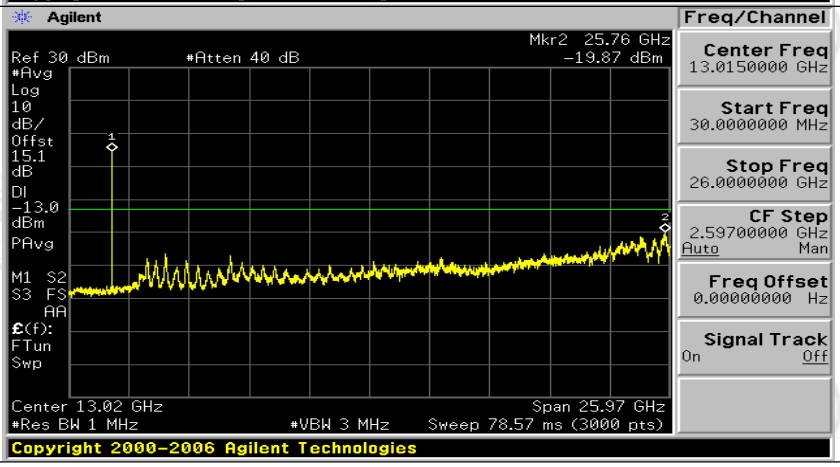




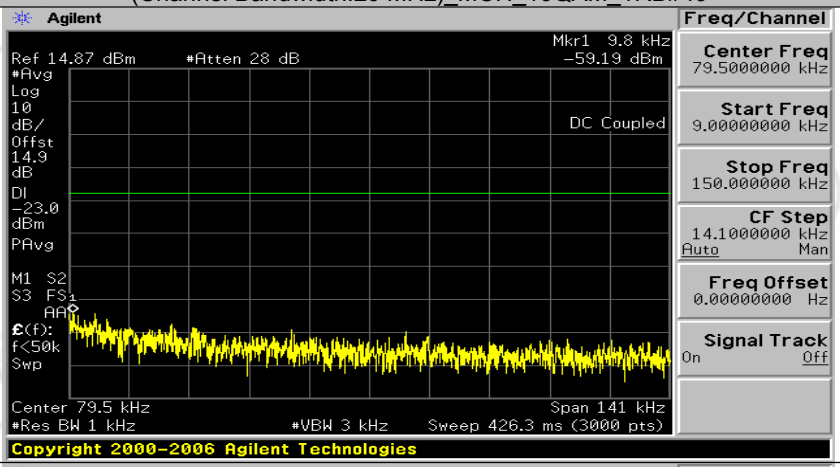
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

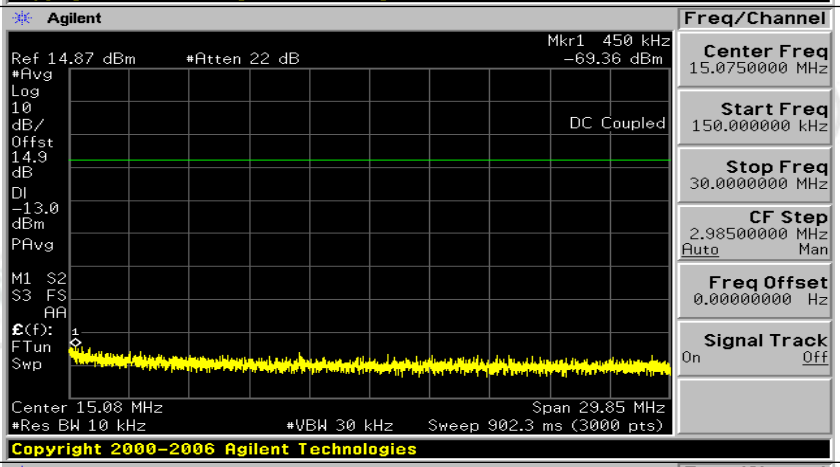


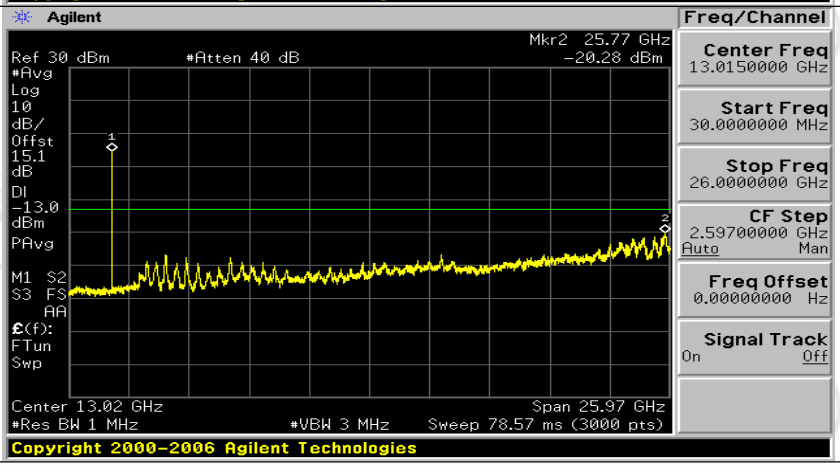




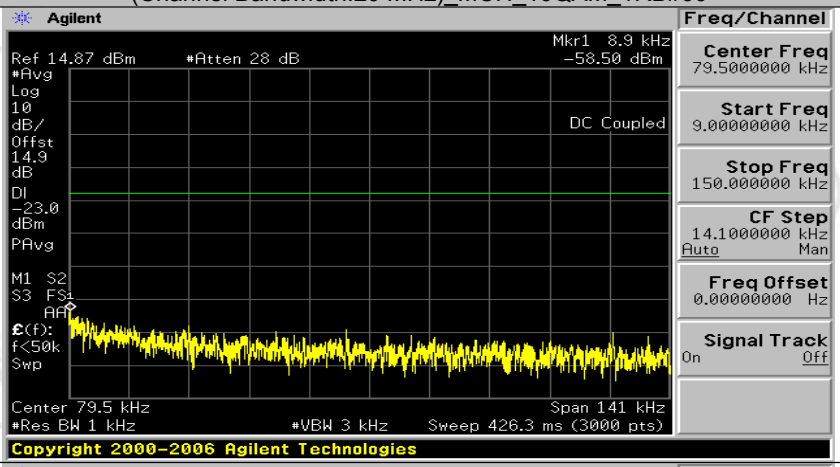
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

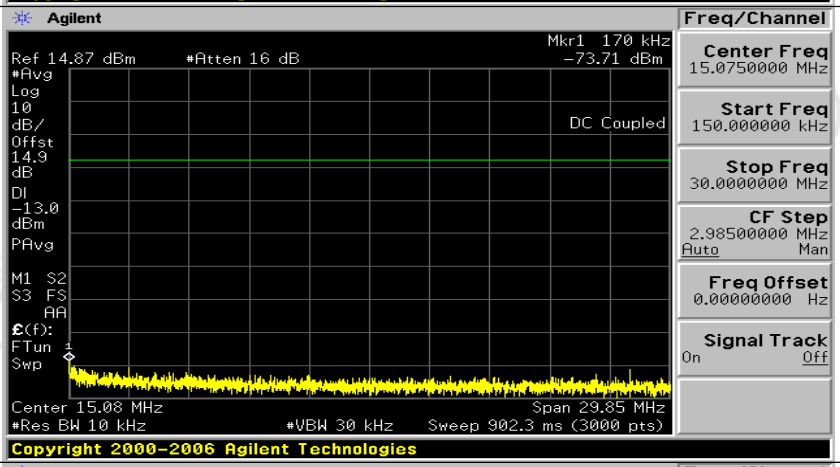


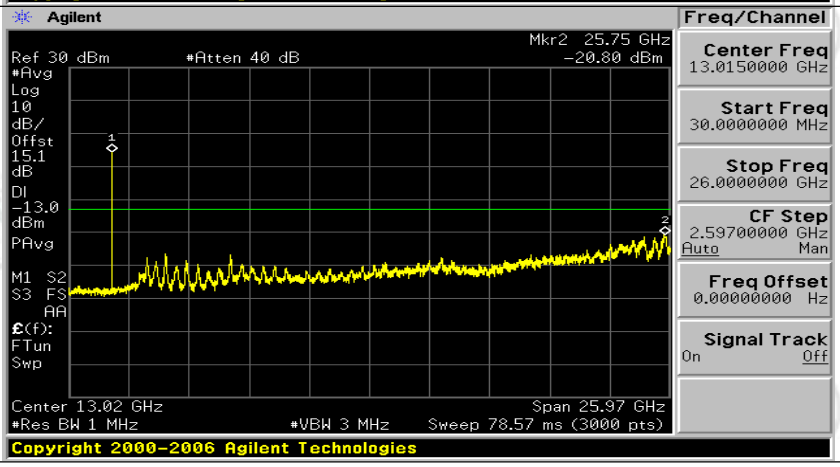




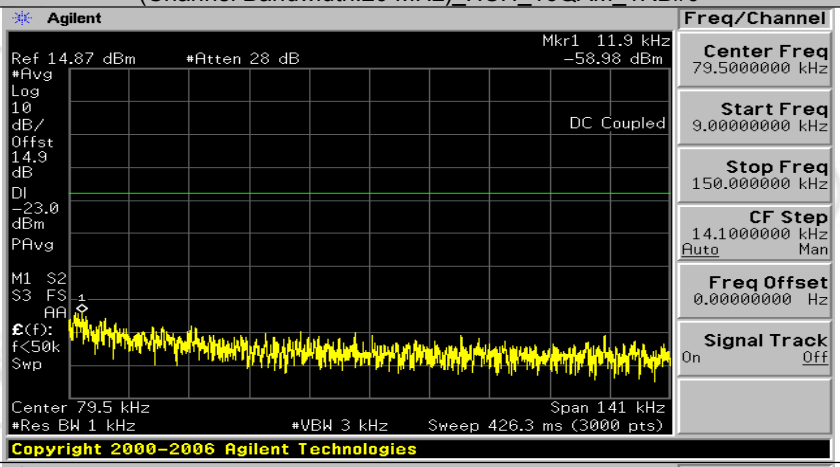
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99

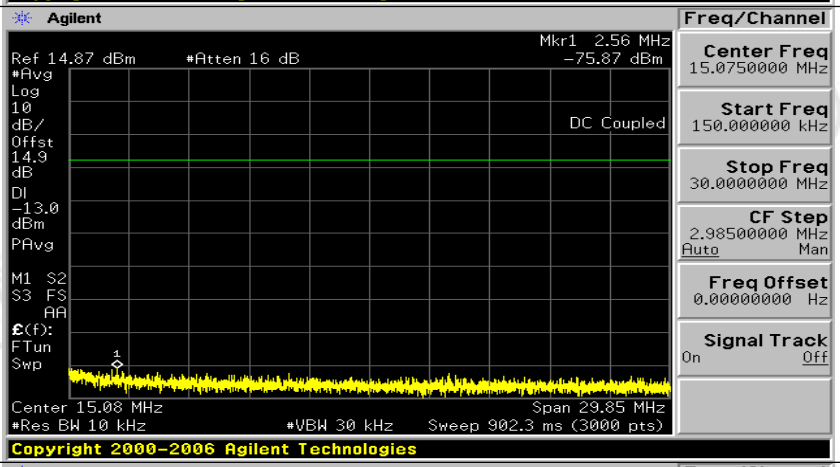


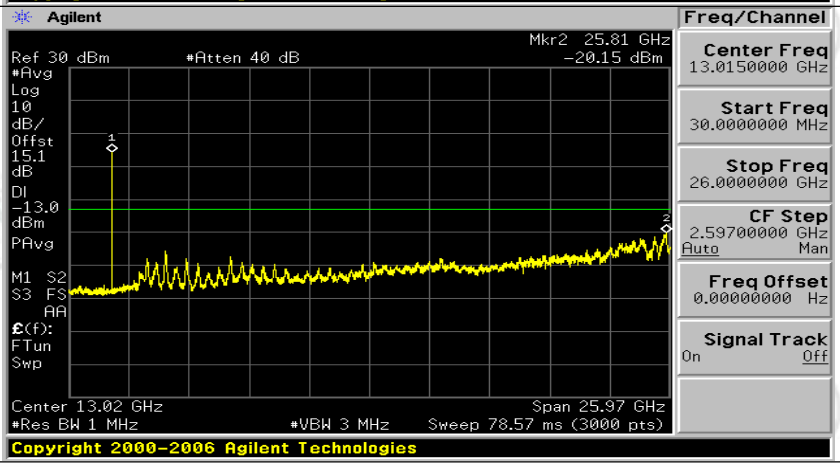




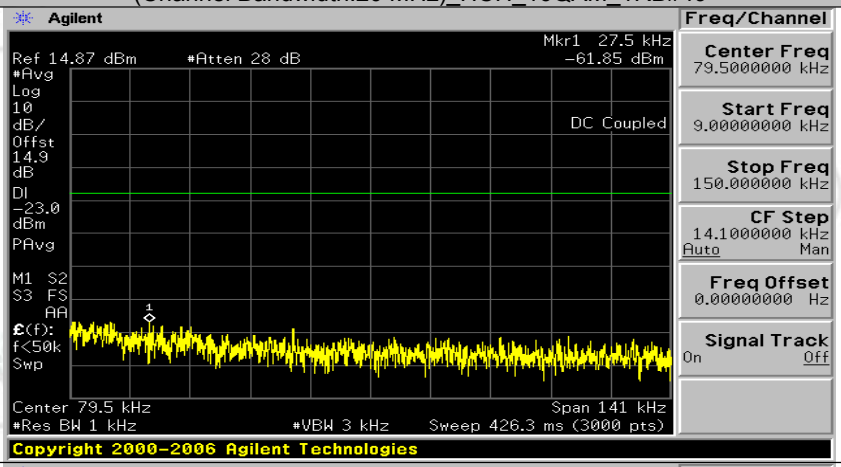
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0

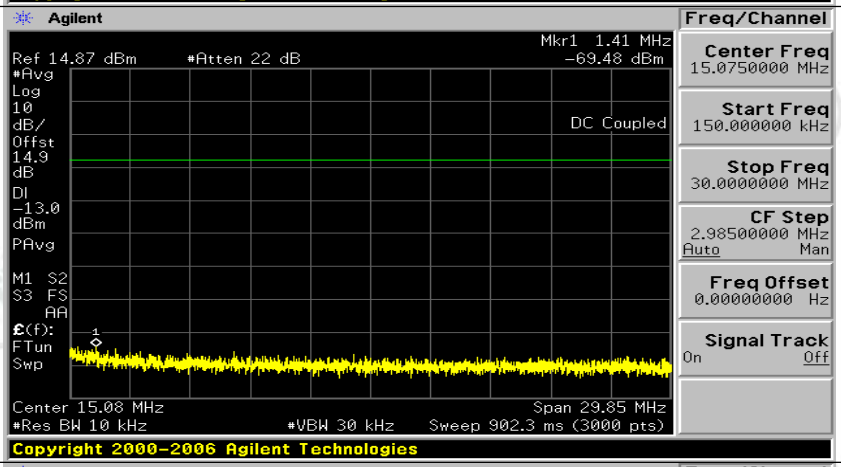


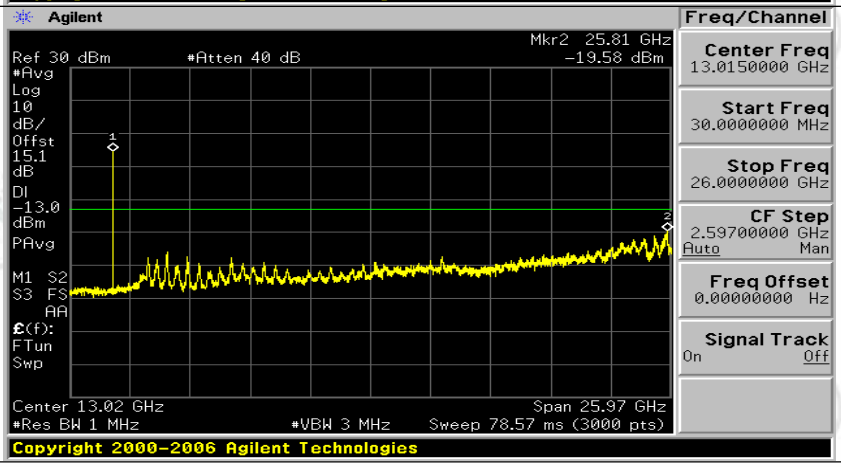




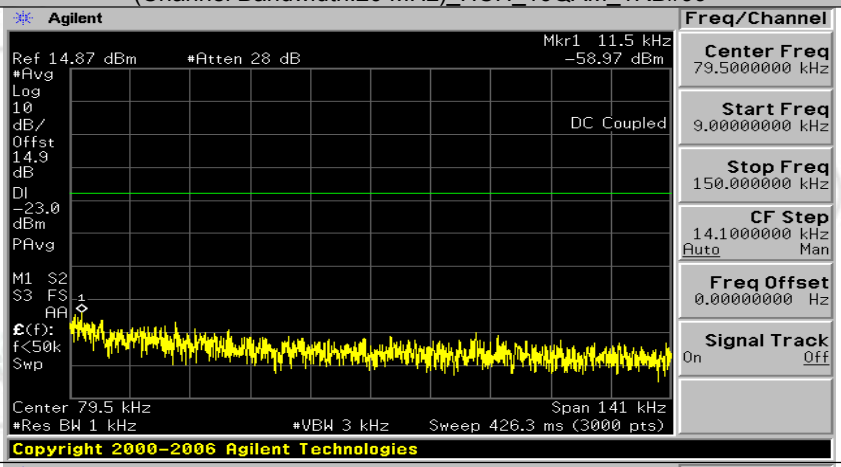
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49

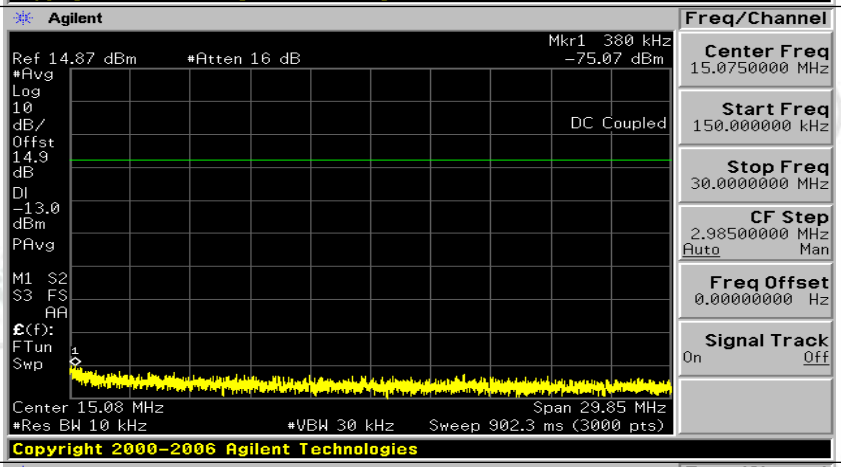


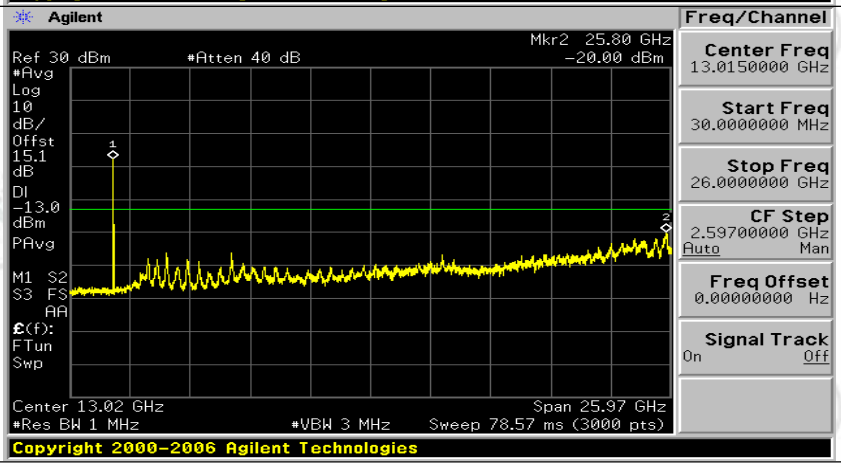




(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99







Appendix F) Frequency Stability

Test Result

(VL is 3.5V, VN is 3.85V, VH is 4.35V)

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	-9.21	-0.004978	± 2.5	PASS
		VN	TN	-8.61	-0.004653	± 2.5	PASS
		VH	TN	-40.90	-0.022099	± 2.5	PASS
	MCH	VL	TN	-9.10	-0.004839	± 2.5	PASS
		VN	TN	-10.01	-0.005326	± 2.5	PASS
		VH	TN	-2.70	-0.001438	± 2.5	PASS
	HCH	VL	TN	-3.99	-0.002090	± 2.5	PASS
		VN	TN	-5.78	-0.003027	± 2.5	PASS
		VH	TN	-6.22	-0.003259	± 2.5	PASS
16QAM	LCH	VL	TN	-8.57	-0.004630	± 2.5	PASS
		VN	TN	-9.33	-0.005040	± 2.5	PASS
		VH	TN	-6.05	-0.003270	± 2.5	PASS
	MCH	VL	TN	-3.99	-0.002123	± 2.5	PASS
		VN	TN	-5.02	-0.002671	± 2.5	PASS
		VH	TN	-9.38	-0.004992	± 2.5	PASS
	HCH	VL	TN	-10.67	-0.005589	± 2.5	PASS
		VN	TN	-5.76	-0.003019	± 2.5	PASS
		VH	TN	0.49	0.000255	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-10.70	-0.005782	± 2.5	PASS
		VN	-20	-27.77	-0.015003	± 2.5	PASS
		VN	-10	-13.83	-0.007474	± 2.5	PASS
		VN	0	-9.53	-0.005148	± 2.5	PASS
		VN	10	-22.13	-0.011958	± 2.5	PASS
		VN	20	-12.72	-0.006872	± 2.5	PASS
		VN	30	-9.31	-0.005032	± 2.5	PASS
		VN	40	-3.52	-0.001901	± 2.5	PASS
		VN	50	-10.09	-0.005449	± 2.5	PASS
	MCH	VN	-30	-11.01	-0.005859	± 2.5	PASS
		VN	-20	-2.92	-0.001552	± 2.5	PASS
		VN	-10	-12.20	-0.006491	± 2.5	PASS
		VN	0	22.72	0.012083	± 2.5	PASS
		VN	10	-7.62	-0.004056	± 2.5	PASS
		VN	20	-6.67	-0.003546	± 2.5	PASS
		VN	30	-8.18	-0.004352	± 2.5	PASS
		VN	40	-13.10	-0.006970	± 2.5	PASS
		VN	50	-8.73	-0.004642	± 2.5	PASS
	HCH	VN	-30	-2.89	-0.001513	± 2.5	PASS
		VN	-20	-8.31	-0.004353	± 2.5	PASS
		VN	-10	-2.96	-0.001551	± 2.5	PASS

		VN	0	-12.15	-0.006361	± 2.5	PASS
		VN	10	-7.75	-0.004061	± 2.5	PASS
		VN	20	-9.83	-0.005147	± 2.5	PASS
		VN	30	-8.58	-0.004495	± 2.5	PASS
		VN	40	-6.88	-0.003604	± 2.5	PASS
		VN	50	-8.10	-0.004241	± 2.5	PASS
16QAM	LCH	VN	-30	-6.04	-0.003262	± 2.5	PASS
		VN	-20	20.08	0.010852	± 2.5	PASS
		VN	-10	-4.59	-0.002481	± 2.5	PASS
		VN	0	-3.83	-0.002072	± 2.5	PASS
		VN	10	-6.34	-0.003424	± 2.5	PASS
		VN	20	-7.68	-0.004151	± 2.5	PASS
		VN	30	-7.40	-0.003996	± 2.5	PASS
		VN	40	-4.71	-0.002543	± 2.5	PASS
		VN	50	-5.46	-0.002953	± 2.5	PASS
	MCH	VN	-30	-11.09	-0.005897	± 2.5	PASS
		VN	-20	-9.08	-0.004832	± 2.5	PASS
		VN	-10	-9.16	-0.004870	± 2.5	PASS
		VN	0	-5.82	-0.003097	± 2.5	PASS
		VN	10	-4.68	-0.002488	± 2.5	PASS
		VN	20	-5.25	-0.002793	± 2.5	PASS
		VN	30	-3.06	-0.001628	± 2.5	PASS
		VN	40	-5.19	-0.002762	± 2.5	PASS
		VN	50	-8.73	-0.004642	± 2.5	PASS
	HCH	VN	-30	-9.76	-0.005110	± 2.5	PASS
		VN	-20	-3.16	-0.001656	± 2.5	PASS
		VN	-10	-2.43	-0.001274	± 2.5	PASS
		VN	0	-3.06	-0.001603	± 2.5	PASS
		VN	10	-7.90	-0.004136	± 2.5	PASS
		VN	20	-6.67	-0.003491	± 2.5	PASS
		VN	30	-9.07	-0.004750	± 2.5	PASS
		VN	40	-2.29	-0.001199	± 2.5	PASS
		VN	50	-5.39	-0.002825	± 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	-10.79	-0.005826	± 2.5	PASS
		VN	TN	-4.88	-0.002635	± 2.5	PASS
		VH	TN	-7.15	-0.003863	± 2.5	PASS
	MCH	VL	TN	-5.34	-0.002838	± 2.5	PASS
		VN	TN	-10.39	-0.005524	± 2.5	PASS
		VH	TN	-4.36	-0.002321	± 2.5	PASS
	HCH	VL	TN	-4.19	-0.002196	± 2.5	PASS
		VN	TN	-0.30	-0.000157	± 2.5	PASS
		VH	TN	-9.50	-0.004977	± 2.5	PASS
16QAM	LCH	VL	TN	-1.54	-0.000834	± 2.5	PASS
		VN	TN	-2.53	-0.001368	± 2.5	PASS

		VH	TN	-4.16	-0.002248	± 2.5	PASS
	MCH	VL	TN	-11.94	-0.006354	± 2.5	PASS
		VN	TN	-13.86	-0.007373	± 2.5	PASS
		VH	TN	-1.85	-0.000982	± 2.5	PASS
	HCH	VL	TN	-6.48	-0.003395	± 2.5	PASS
		VN	TN	-2.93	-0.001537	± 2.5	PASS
		VH	TN	-7.25	-0.003800	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-7.11	-0.003840	± 2.5	PASS
		VN	-20	-11.43	-0.006173	± 2.5	PASS
		VN	-10	-8.65	-0.004674	± 2.5	PASS
		VN	0	-6.41	-0.003461	± 2.5	PASS
		VN	10	-1.93	-0.001043	± 2.5	PASS
		VN	20	-2.80	-0.001514	± 2.5	PASS
		VN	30	-14.98	-0.008089	± 2.5	PASS
		VN	40	-10.90	-0.005887	± 2.5	PASS
		VN	50	-2.27	-0.001228	± 2.5	PASS
	MCH	VN	-30	-11.93	-0.006346	± 2.5	PASS
		VN	-20	-9.84	-0.005235	± 2.5	PASS
		VN	-10	-2.47	-0.001316	± 2.5	PASS
		VN	0	-5.99	-0.003188	± 2.5	PASS
		VN	10	-10.30	-0.005479	± 2.5	PASS
		VN	20	-4.99	-0.002656	± 2.5	PASS
		VN	30	-7.07	-0.003759	± 2.5	PASS
		VN	40	-12.00	-0.006384	± 2.5	PASS
		VN	50	-2.42	-0.001286	± 2.5	PASS
	HCH	VN	-30	-10.19	-0.005337	± 2.5	PASS
		VN	-20	-6.15	-0.003223	± 2.5	PASS
		VN	-10	-7.47	-0.003913	± 2.5	PASS
		VN	0	-5.42	-0.002841	± 2.5	PASS
		VN	10	-7.12	-0.003733	± 2.5	PASS
		VN	20	-7.74	-0.004055	± 2.5	PASS
		VN	30	-4.11	-0.002151	± 2.5	PASS
		VN	40	-8.47	-0.004437	± 2.5	PASS
		VN	50	0.50	0.000262	± 2.5	PASS
16QAM	LCH	VN	-30	-8.84	-0.004775	± 2.5	PASS
		VN	-20	-9.10	-0.004914	± 2.5	PASS
		VN	-10	-10.80	-0.005833	± 2.5	PASS
		VN	0	-9.91	-0.005354	± 2.5	PASS
		VN	10	-7.32	-0.003956	± 2.5	PASS
		VN	20	-8.34	-0.004504	± 2.5	PASS
		VN	30	-3.46	-0.001870	± 2.5	PASS
		VN	40	-7.75	-0.004188	± 2.5	PASS
		VN	50	-12.72	-0.006869	± 2.5	PASS
	MCH	VN	-30	-6.98	-0.003713	± 2.5	PASS
		VN	-20	-3.33	-0.001773	± 2.5	PASS
		VN	-10	-4.43	-0.002359	± 2.5	PASS
		VN	0	-8.60	-0.004573	± 2.5	PASS

		VN	10	-2.99	-0.001590	± 2.5	PASS
		VN	20	0.24	0.000129	± 2.5	PASS
		VN	30	-2.66	-0.001415	± 2.5	PASS
		VN	40	-8.24	-0.004383	± 2.5	PASS
		VN	50	-9.34	-0.004969	± 2.5	PASS
	HCH	VN	-30	-5.34	-0.002796	± 2.5	PASS
		VN	-20	-4.63	-0.002429	± 2.5	PASS
		VN	-10	-8.48	-0.004445	± 2.5	PASS
		VN	0	-2.07	-0.001087	± 2.5	PASS
		VN	10	2.10	0.001102	± 2.5	PASS
		VN	20	-5.54	-0.002901	± 2.5	PASS
		VN	30	-8.70	-0.004557	± 2.5	PASS
		VN	40	-5.25	-0.002751	± 2.5	PASS
		VN	50	-12.45	-0.006521	± 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	-7.51	-0.004054	± 2.5	PASS
		VN	TN	-6.62	-0.003575	± 2.5	PASS
		VH	TN	-8.53	-0.004602	± 2.5	PASS
	MCH	VL	TN	-7.28	-0.003873	± 2.5	PASS
		VN	TN	-11.32	-0.006019	± 2.5	PASS
		VH	TN	-2.76	-0.001469	± 2.5	PASS
	HCH	VL	TN	-7.58	-0.003975	± 2.5	PASS
		VN	TN	-1.13	-0.000592	± 2.5	PASS
		VH	TN	-0.07	-0.000037	± 2.5	PASS
16QAM	LCH	VL	TN	-9.13	-0.004927	± 2.5	PASS
		VN	TN	-10.46	-0.005645	± 2.5	PASS
		VH	TN	-11.97	-0.006463	± 2.5	PASS
	MCH	VL	TN	-4.06	-0.002161	± 2.5	PASS
		VN	TN	-14.69	-0.007815	± 2.5	PASS
		VH	TN	-5.14	-0.002732	± 2.5	PASS
	HCH	VL	TN	-9.90	-0.005190	± 2.5	PASS
		VN	TN	-5.55	-0.002910	± 2.5	PASS
		VH	TN	-12.72	-0.006667	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-7.42	-0.004008	± 2.5	PASS
		VN	-20	-5.49	-0.002965	± 2.5	PASS
		VN	-10	-10.23	-0.005521	± 2.5	PASS
		VN	0	-6.29	-0.003398	± 2.5	PASS
		VN	10	-2.29	-0.001236	± 2.5	PASS
		VN	20	-10.33	-0.005575	± 2.5	PASS
		VN	30	-10.27	-0.005544	± 2.5	PASS
		VN	40	-8.65	-0.004672	± 2.5	PASS
		VN	50	-12.39	-0.006687	± 2.5	PASS

	MCH	VN	-30	-1.43	-0.000761	± 2.5	PASS
		VN	-20	-3.13	-0.001666	± 2.5	PASS
		VN	-10	-4.02	-0.002138	± 2.5	PASS
		VN	0	-11.50	-0.006118	± 2.5	PASS
		VN	10	-9.31	-0.004954	± 2.5	PASS
		VN	20	-8.24	-0.004383	± 2.5	PASS
		VN	30	-9.16	-0.004870	± 2.5	PASS
		VN	40	-6.91	-0.003675	± 2.5	PASS
		VN	50	-5.48	-0.002914	± 2.5	PASS
	HCH	VN	-30	-2.39	-0.001252	± 2.5	PASS
		VN	-20	-8.58	-0.004500	± 2.5	PASS
		VN	-10	-1.17	-0.000615	± 2.5	PASS
		VN	0	-7.20	-0.003772	± 2.5	PASS
		VN	10	-5.16	-0.002707	± 2.5	PASS
		VN	20	-3.23	-0.001695	± 2.5	PASS
		VN	30	-9.46	-0.004957	± 2.5	PASS
		VN	40	-12.36	-0.006479	± 2.5	PASS
		VN	50	-8.45	-0.004432	± 2.5	PASS
16QAM	LCH	VN	-30	-6.28	-0.003390	± 2.5	PASS
		VN	-20	-10.03	-0.005413	± 2.5	PASS
		VN	-10	-14.63	-0.007900	± 2.5	PASS
		VN	0	-6.71	-0.003622	± 2.5	PASS
		VN	10	-18.40	-0.009931	± 2.5	PASS
		VN	20	-7.17	-0.003869	± 2.5	PASS
		VN	30	-3.22	-0.001737	± 2.5	PASS
		VN	40	-5.92	-0.003197	± 2.5	PASS
		VN	50	-9.41	-0.005081	± 2.5	PASS
	MCH	VN	-30	-10.49	-0.005577	± 2.5	PASS
		VN	-20	-6.77	-0.003599	± 2.5	PASS
		VN	-10	-12.56	-0.006681	± 2.5	PASS
		VN	0	-11.37	-0.006049	± 2.5	PASS
		VN	10	-12.40	-0.006597	± 2.5	PASS
		VN	20	-5.22	-0.002777	± 2.5	PASS
		VN	30	-7.10	-0.003774	± 2.5	PASS
		VN	40	-11.30	-0.006011	± 2.5	PASS
		VN	50	-13.15	-0.006993	± 2.5	PASS
	HCH	VN	-30	-4.11	-0.002152	± 2.5	PASS
		VN	-20	-8.71	-0.004567	± 2.5	PASS
		VN	-10	-2.75	-0.001440	± 2.5	PASS
		VN	0	-3.36	-0.001762	± 2.5	PASS
		VN	10	-8.81	-0.004620	± 2.5	PASS
		VN	20	1.82	0.000952	± 2.5	PASS
		VN	30	-13.46	-0.007057	± 2.5	PASS
		VN	40	-4.21	-0.002205	± 2.5	PASS
		VN	50	-3.00	-0.001575	± 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	-6.29	-0.003393	± 2.5	PASS
		VN	TN	-4.49	-0.002421	± 2.5	PASS
		VH	TN	-6.25	-0.003370	± 2.5	PASS
	MCH	VL	TN	-3.99	-0.002123	± 2.5	PASS
		VN	TN	-6.95	-0.003698	± 2.5	PASS
		VH	TN	-4.16	-0.002214	± 2.5	PASS
	HCH	VL	TN	-5.04	-0.002643	± 2.5	PASS
		VN	TN	-7.55	-0.003965	± 2.5	PASS
		VH	TN	-7.20	-0.003777	± 2.5	PASS
16QAM	LCH	VL	TN	0.01	0.000008	± 2.5	PASS
		VN	TN	-5.98	-0.003223	± 2.5	PASS
		VH	TN	-11.49	-0.006192	± 2.5	PASS
	MCH	VL	TN	-7.30	-0.003881	± 2.5	PASS
		VN	TN	-2.43	-0.001294	± 2.5	PASS
		VH	TN	-3.76	-0.002001	± 2.5	PASS
	HCH	VL	TN	-5.34	-0.002801	± 2.5	PASS
		VN	TN	-6.42	-0.003372	± 2.5	PASS
		VH	TN	-3.96	-0.002080	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-3.62	-0.001951	± 2.5	PASS
		VN	-20	-4.84	-0.002607	± 2.5	PASS
		VN	-10	-2.35	-0.001265	± 2.5	PASS
		VN	0	-2.80	-0.001511	± 2.5	PASS
		VN	10	-9.23	-0.004974	± 2.5	PASS
		VN	20	-10.90	-0.005876	± 2.5	PASS
		VN	30	-3.55	-0.001912	± 2.5	PASS
		VN	40	-6.09	-0.003285	± 2.5	PASS
		VN	50	-5.21	-0.002807	± 2.5	PASS
	MCH	VN	-30	-10.40	-0.005532	± 2.5	PASS
		VN	-20	-7.47	-0.003972	± 2.5	PASS
		VN	-10	-7.57	-0.004025	± 2.5	PASS
		VN	0	-3.81	-0.002024	± 2.5	PASS
		VN	10	-6.08	-0.003234	± 2.5	PASS
		VN	20	-10.04	-0.005342	± 2.5	PASS
		VN	30	-3.18	-0.001689	± 2.5	PASS
		VN	40	-3.89	-0.002070	± 2.5	PASS
		VN	50	-5.98	-0.003181	± 2.5	PASS
	HCH	VN	-30	-4.48	-0.002350	± 2.5	PASS
		VN	-20	-1.32	-0.000691	± 2.5	PASS
		VN	-10	-9.08	-0.004768	± 2.5	PASS
		VN	0	-3.58	-0.001877	± 2.5	PASS
		VN	10	-3.79	-0.001990	± 2.5	PASS
		VN	20	-7.68	-0.004032	± 2.5	PASS

		VN	30	-6.08	-0.003191	± 2.5	PASS
		VN	40	-8.18	-0.004295	± 2.5	PASS
		VN	50	-4.39	-0.002305	± 2.5	PASS
16QAM	LCH	VN	-30	-7.61	-0.004103	± 2.5	PASS
		VN	-20	-2.73	-0.001473	± 2.5	PASS
		VN	-10	-5.56	-0.003000	± 2.5	PASS
		VN	0	-6.59	-0.003555	± 2.5	PASS
		VN	10	-5.95	-0.003208	± 2.5	PASS
		VN	20	-1.59	-0.000856	± 2.5	PASS
		VN	30	-4.75	-0.002560	± 2.5	PASS
		VN	40	-5.46	-0.002946	± 2.5	PASS
		VN	50	-3.59	-0.001936	± 2.5	PASS
	MCH	VN	-30	-4.55	-0.002420	± 2.5	PASS
		VN	-20	-1.36	-0.000723	± 2.5	PASS
		VN	-10	-1.90	-0.001012	± 2.5	PASS
		VN	0	-11.52	-0.006125	± 2.5	PASS
		VN	10	-1.93	-0.001027	± 2.5	PASS
		VN	20	-2.88	-0.001529	± 2.5	PASS
		VN	30	-6.92	-0.003683	± 2.5	PASS
		VN	40	-10.21	-0.005433	± 2.5	PASS
		VN	50	-9.20	-0.004893	± 2.5	PASS
	HCH	VN	-30	-10.64	-0.005587	± 2.5	PASS
		VN	-20	-8.65	-0.004543	± 2.5	PASS
		VN	-10	-2.20	-0.001156	± 2.5	PASS
		VN	0	-5.97	-0.003131	± 2.5	PASS
		VN	10	-3.93	-0.002065	± 2.5	PASS
		VN	20	-11.06	-0.005805	± 2.5	PASS
		VN	30	-12.95	-0.006796	± 2.5	PASS
		VN	40	-0.57	-0.000300	± 2.5	PASS
		VN	50	-1.42	-0.000743	± 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	-6.55	-0.003527	± 2.5	PASS
		VN	TN	-8.38	-0.004513	± 2.5	PASS
		VH	TN	-6.98	-0.003758	± 2.5	PASS
	MCH	VL	TN	-3.38	-0.001796	± 2.5	PASS
		VN	TN	-3.40	-0.001811	± 2.5	PASS
		VH	TN	-7.31	-0.003888	± 2.5	PASS
	HCH	VL	TN	-6.52	-0.003429	± 2.5	PASS
		VN	TN	-12.19	-0.006406	± 2.5	PASS
		VH	TN	-7.12	-0.003745	± 2.5	PASS
16QAM	LCH	VL	TN	-7.85	-0.004228	± 2.5	PASS
		VN	TN	-3.35	-0.001802	± 2.5	PASS
		VH	TN	-4.73	-0.002549	± 2.5	PASS
	MCH	VL	TN	-3.55	-0.001887	± 2.5	PASS
		VN	TN	-3.35	-0.001781	± 2.5	PASS

		VH	TN	-6.62	-0.003523	± 2.5	PASS
	HCH	VL	TN	-8.55	-0.004496	± 2.5	PASS
		VN	TN	-7.54	-0.003963	± 2.5	PASS
		VH	TN	-8.64	-0.004542	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-5.55	-0.002988	± 2.5	PASS
		VN	-20	-10.53	-0.005668	± 2.5	PASS
		VN	-10	-2.57	-0.001386	± 2.5	PASS
		VN	0	-5.18	-0.002788	± 2.5	PASS
		VN	10	-8.17	-0.004397	± 2.5	PASS
		VN	20	-6.34	-0.003412	± 2.5	PASS
		VN	30	-3.65	-0.001964	± 2.5	PASS
		VN	40	-9.68	-0.005214	± 2.5	PASS
		VN	50	-10.23	-0.005506	± 2.5	PASS
	MCH	VN	-30	-4.12	-0.002191	± 2.5	PASS
		VN	-20	-4.43	-0.002359	± 2.5	PASS
		VN	-10	-2.35	-0.001248	± 2.5	PASS
		VN	0	-0.40	-0.000213	± 2.5	PASS
		VN	10	-6.77	-0.003599	± 2.5	PASS
		VN	20	-4.95	-0.002633	± 2.5	PASS
		VN	30	-7.27	-0.003865	± 2.5	PASS
		VN	40	0.21	0.000114	± 2.5	PASS
		VN	50	-2.45	-0.001301	± 2.5	PASS
	HCH	VN	-30	-2.62	-0.001376	± 2.5	PASS
		VN	-20	-7.75	-0.004075	± 2.5	PASS
		VN	-10	-10.87	-0.005715	± 2.5	PASS
		VN	0	-10.47	-0.005504	± 2.5	PASS
		VN	10	-6.38	-0.003354	± 2.5	PASS
		VN	20	-7.78	-0.004090	± 2.5	PASS
		VN	30	-5.14	-0.002699	± 2.5	PASS
		VN	40	-4.76	-0.002504	± 2.5	PASS
		VN	50	-1.97	-0.001038	± 2.5	PASS
16QAM	LCH	VN	-30	-3.15	-0.001694	± 2.5	PASS
		VN	-20	-2.27	-0.001225	± 2.5	PASS
		VN	-10	-5.16	-0.002780	± 2.5	PASS
		VN	0	-8.75	-0.004713	± 2.5	PASS
		VN	10	-4.21	-0.002264	± 2.5	PASS
		VN	20	-5.81	-0.003127	± 2.5	PASS
		VN	30	-6.68	-0.003596	± 2.5	PASS
		VN	40	-8.44	-0.004544	± 2.5	PASS
		VN	50	-3.65	-0.001964	± 2.5	PASS
	MCH	VN	-30	-6.14	-0.003264	± 2.5	PASS
		VN	-20	0.06	0.000030	± 2.5	PASS
		VN	-10	-6.07	-0.003226	± 2.5	PASS
		VN	0	-9.98	-0.005311	± 2.5	PASS
		VN	10	-10.49	-0.005577	± 2.5	PASS
		VN	20	-6.84	-0.003637	± 2.5	PASS
		VN	30	-8.15	-0.004337	± 2.5	PASS

		VN	40	-4.56	-0.002427	± 2.5	PASS
		VN	50	-12.70	-0.006757	± 2.5	PASS
	HCH	VN	-30	-6.11	-0.003211	± 2.5	PASS
		VN	-20	-5.19	-0.002729	± 2.5	PASS
		VN	-10	-10.19	-0.005354	± 2.5	PASS
		VN	0	-4.18	-0.002196	± 2.5	PASS
		VN	10	-5.68	-0.002985	± 2.5	PASS
		VN	20	-2.13	-0.001120	± 2.5	PASS
		VN	30	-8.71	-0.004579	± 2.5	PASS
		VN	40	-2.52	-0.001323	± 2.5	PASS
		VN	50	-3.95	-0.002075	± 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	-2.88	-0.001546	± 2.5	PASS
		VN	TN	-4.85	-0.002607	± 2.5	PASS
		VH	TN	-1.79	-0.000961	± 2.5	PASS
	MCH	VL	TN	-7.90	-0.004200	± 2.5	PASS
		VN	TN	-9.80	-0.005212	± 2.5	PASS
		VH	TN	-9.40	-0.004999	± 2.5	PASS
	HCH	VL	TN	-5.31	-0.002793	± 2.5	PASS
		VN	TN	-9.57	-0.005037	± 2.5	PASS
		VH	TN	-8.50	-0.004472	± 2.5	PASS
16QAM	LCH	VL	TN	-5.38	-0.002892	± 2.5	PASS
		VN	TN	-4.55	-0.002446	± 2.5	PASS
		VH	TN	-2.42	-0.001300	± 2.5	PASS
	MCH	VL	TN	-6.41	-0.003409	± 2.5	PASS
		VN	TN	-6.02	-0.003203	± 2.5	PASS
		VH	TN	-12.27	-0.006529	± 2.5	PASS
	HCH	VL	TN	-3.65	-0.001920	± 2.5	PASS
		VN	TN	-8.87	-0.004668	± 2.5	PASS
		VH	TN	-2.12	-0.001114	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-4.26	-0.002292	± 2.5	PASS
		VN	-20	-0.67	-0.000361	± 2.5	PASS
		VN	-10	-6.59	-0.003546	± 2.5	PASS
		VN	0	-4.72	-0.002538	± 2.5	PASS
		VN	10	-6.19	-0.003330	± 2.5	PASS
		VN	20	-9.18	-0.004938	± 2.5	PASS
		VN	30	-4.21	-0.002261	± 2.5	PASS
		VN	40	-5.56	-0.002992	± 2.5	PASS
		VN	50	-3.96	-0.002130	± 2.5	PASS
	MCH	VN	-30	-6.45	-0.003432	± 2.5	PASS
		VN	-20	-6.65	-0.003538	± 2.5	PASS
		VN	-10	-5.62	-0.002990	± 2.5	PASS

		VN	0	-7.81	-0.004155	± 2.5	PASS
		VN	10	-10.69	-0.005684	± 2.5	PASS
		VN	20	-5.76	-0.003066	± 2.5	PASS
		VN	30	-6.69	-0.003561	± 2.5	PASS
		VN	40	-2.73	-0.001453	± 2.5	PASS
		VN	50	-3.56	-0.001895	± 2.5	PASS
	HCH	VN	-30	-6.49	-0.003418	± 2.5	PASS
		VN	-20	-5.12	-0.002695	± 2.5	PASS
		VN	-10	-9.40	-0.004947	± 2.5	PASS
		VN	0	-7.04	-0.003704	± 2.5	PASS
		VN	10	-9.04	-0.004758	± 2.5	PASS
		VN	20	-11.06	-0.005820	± 2.5	PASS
		VN	30	-7.00	-0.003682	± 2.5	PASS
		VN	40	-6.14	-0.003230	± 2.5	PASS
		VN	50	-5.78	-0.003042	± 2.5	PASS
16QAM	LCH	VN	-30	-4.96	-0.002669	± 2.5	PASS
		VN	-20	-2.32	-0.001246	± 2.5	PASS
		VN	-10	-6.39	-0.003438	± 2.5	PASS
		VN	0	-2.57	-0.001384	± 2.5	PASS
		VN	10	-5.56	-0.002992	± 2.5	PASS
		VN	20	-7.77	-0.004176	± 2.5	PASS
		VN	30	-2.59	-0.001392	± 2.5	PASS
		VN	40	-3.82	-0.002053	± 2.5	PASS
		VN	50	-4.19	-0.002253	± 2.5	PASS
	MCH	VN	-30	-1.32	-0.000700	± 2.5	PASS
		VN	-20	-5.91	-0.003143	± 2.5	PASS
		VN	-10	-2.57	-0.001370	± 2.5	PASS
		VN	0	-9.54	-0.005075	± 2.5	PASS
		VN	10	-3.45	-0.001834	± 2.5	PASS
		VN	20	-8.07	-0.004292	± 2.5	PASS
		VN	30	-9.30	-0.004946	± 2.5	PASS
		VN	40	-8.96	-0.004763	± 2.5	PASS
		VN	50	-7.17	-0.003812	± 2.5	PASS
	HCH	VN	-30	-2.30	-0.001212	± 2.5	PASS
		VN	-20	-3.76	-0.001980	± 2.5	PASS
		VN	-10	-8.85	-0.004660	± 2.5	PASS
		VN	0	-3.10	-0.001634	± 2.5	PASS
		VN	10	-5.29	-0.002786	± 2.5	PASS
		VN	20	-10.09	-0.005308	± 2.5	PASS
		VN	30	-4.95	-0.002605	± 2.5	PASS
		VN	40	-11.09	-0.005835	± 2.5	PASS
		VN	50	-5.84	-0.003072	± 2.5	PASS

Appendix G) Field strength of spurious radiation

Receiver Setup:

Frequency	Detector	RBW	VBW	Remark
0.009MHz-30MHz	Peak	10kHz	30kHz	Peak
30MHz-1GHz	Peak	120kHz	300kHz	Peak
Above 1GHz	Peak	1MHz	3MHz	Peak

Measurement Procedure:

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:

1) 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.
2) 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.
3) 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.
4) Steps 1) to 3) were performed with the EUT and the receive antenna in both vertical and horizontal polarization.
5) 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.
6) 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.
7) The output power into the substitution antenna was then measured.
8) Steps 6) and 7)were repeated with both antennas polarized.
9) 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.

10) Test the EUT in the lowest channel, the middle channel the Highest channel
11) 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.
12) Repeat above procedures until all frequencies measured was complete.

Limit: Attenuated at least 43+10log(P)

Test Data:

QPSK

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.7920	150	11	-78.94	-13.00	65.94	Pass	Horizontal
2	100.0480	150	58	-74.44	-13.00	61.44	Pass	Horizontal
3	140.0200	150	218	-80.90	-13.00	67.90	Pass	Horizontal
4	208.9038	150	68	-79.34	-13.00	66.34	Pass	Horizontal
5	625.1170	150	359	-74.40	-13.00	61.40	Pass	Horizontal
6	742.5105	150	310	-67.91	-13.00	54.91	Pass	Horizontal
7	2803.7804	150	180	-45.04	-13.00	32.04	Pass	Horizontal
8	3701.4000	150	338	-49.66	-13.00	36.66	Pass	Horizontal
9	5142.1071	150	199	-47.14	-13.00	34.14	Pass	Horizontal
10	5552.1000	150	260	-51.50	-13.00	38.50	Pass	Horizontal
11	7402.8000	150	16	-49.68	-13.00	36.68	Pass	Horizontal
12	8557.7779	150	137	-43.54	-13.00	30.54	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	51.3443	150	200	-64.68	-13.00	51.68	Pass	Vertical
2	140.0200	150	70	-76.07	-13.00	63.07	Pass	Vertical
3	208.9038	150	14	-69.99	-13.00	56.99	Pass	Vertical
4	411.4803	150	5	-76.59	-13.00	63.59	Pass	Vertical
5	742.5105	150	51	-66.29	-13.00	53.29	Pass	Vertical
6	905.3091	150	98	-68.60	-13.00	55.60	Pass	Vertical
7	2960.7961	150	14	-44.64	-13.00	31.64	Pass	Vertical
8	3701.4000	150	122	-50.09	-13.00	37.09	Pass	Vertical
9	4564.5782	150	75	-48.26	-13.00	35.26	Pass	Vertical
10	5552.1000	150	122	-50.35	-13.00	37.35	Pass	Vertical
11	7402.8000	150	291	-49.61	-13.00	36.61	Pass	Vertical
12	9706.8353	150	215	-43.41	-13.00	30.41	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.7920	150	7	-79.25	-13.00	66.25	Pass	Horizontal
2	140.0200	150	89	-80.11	-13.00	67.11	Pass	Horizontal
3	360.0600	150	21	-78.94	-13.00	65.94	Pass	Horizontal
4	687.5975	150	360	-73.51	-13.00	60.51	Pass	Horizontal
5	742.5105	150	316	-65.66	-13.00	52.66	Pass	Horizontal
6	905.1150	150	7	-63.28	-13.00	50.28	Pass	Horizontal
7	2714.5715	150	290	-44.99	-13.00	31.99	Pass	Horizontal
8	3760.0000	150	52	-50.36	-13.00	37.36	Pass	Horizontal
9	5144.3572	150	178	-48.47	-13.00	35.47	Pass	Horizontal
10	5640.0000	150	74	-51.03	-13.00	38.03	Pass	Horizontal
11	7520.0000	150	52	-48.03	-13.00	35.03	Pass	Horizontal
12	9698.5849	150	286	-44.18	-13.00	31.18	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	51.7323	150	186	-64.45	-13.00	51.45	Pass	Vertical
2	140.0200	150	95	-77.31	-13.00	64.31	Pass	Vertical
3	208.9038	150	170	-72.44	-13.00	59.44	Pass	Vertical
4	440.0040	150	186	-77.46	-13.00	64.46	Pass	Vertical
5	742.5105	150	71	-64.01	-13.00	51.01	Pass	Vertical
6	890.9502	150	211	-68.92	-13.00	55.92	Pass	Vertical
7	2728.5729	150	58	-45.41	-13.00	32.41	Pass	Vertical
8	3760.0000	150	22	-50.39	-13.00	37.39	Pass	Vertical
9	4701.0851	150	22	-48.44	-13.00	35.44	Pass	Vertical
10	5640.0000	150	22	-51.51	-13.00	38.51	Pass	Vertical
11	7520.0000	150	161	-48.30	-13.00	35.30	Pass	Vertical
12	7695.9848	150	205	-44.36	-13.00	31.36	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.7025	150	51	-80.11	-13.00	67.11	Pass	Horizontal
2	140.0200	150	272	-80.15	-13.00	67.15	Pass	Horizontal
3	208.9038	150	91	-80.81	-13.00	67.81	Pass	Horizontal
4	360.0600	150	360	-78.64	-13.00	65.64	Pass	Horizontal
5	742.5105	150	360	-69.34	-13.00	56.34	Pass	Horizontal
6	891.3383	150	51	-64.68	-13.00	51.68	Pass	Horizontal
7	1292.2292	150	51	-47.85	-13.00	34.85	Pass	Horizontal
8	3818.6000	150	300	-48.52	-13.00	35.52	Pass	Horizontal
9	5082.8541	150	80	-48.12	-13.00	35.12	Pass	Horizontal
10	5727.9000	150	300	-51.92	-13.00	38.92	Pass	Horizontal
11	7637.2000	150	3	-48.33	-13.00	35.33	Pass	Horizontal
12	8785.7893	150	56	-43.90	-13.00	30.90	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.5085	150	360	-65.98	-13.00	52.98	Pass	Vertical
2	140.0200	150	78	-77.13	-13.00	64.13	Pass	Vertical
3	208.9038	150	138	-69.98	-13.00	56.98	Pass	Vertical
4	411.4803	150	245	-76.53	-13.00	63.53	Pass	Vertical
5	742.5105	150	41	-67.87	-13.00	54.87	Pass	Vertical
6	890.9502	150	180	-69.12	-13.00	56.12	Pass	Vertical
7	1371.0371	150	360	-48.26	-13.00	35.26	Pass	Vertical
8	2995.1995	150	347	-45.19	-13.00	32.19	Pass	Vertical
9	3818.6000	150	181	-49.53	-13.00	36.53	Pass	Vertical
10	5727.9000	150	118	-50.76	-13.00	37.76	Pass	Vertical
11	7637.2000	150	200	-47.69	-13.00	34.69	Pass	Vertical
12	9104.5552	150	316	-44.38	-13.00	31.38	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	87.8236	150	189	-76.45	-13.00	63.45	Pass	Horizontal
2	99.2719	150	136	-67.39	-13.00	54.39	Pass	Horizontal
3	140.0200	150	124	-79.52	-13.00	66.52	Pass	Horizontal
4	208.9038	150	331	-80.71	-13.00	67.71	Pass	Horizontal
5	687.5975	150	242	-73.86	-13.00	60.86	Pass	Horizontal
6	742.5105	150	13	-68.06	-13.00	55.06	Pass	Horizontal
7	2218.5219	150	342	-45.86	-13.00	32.86	Pass	Horizontal
8	3703.0000	150	58	-50.75	-13.00	37.75	Pass	Horizontal
9	5094.8547	150	0	-47.69	-13.00	34.69	Pass	Horizontal
10	5554.5000	150	357	-51.14	-13.00	38.14	Pass	Horizontal
11	7406.0000	150	37	-48.34	-13.00	35.34	Pass	Horizontal
12	9244.0622	150	246	-44.36	-13.00	31.36	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	51.1502	150	38	-65.22	-13.00	52.22	Pass	Vertical
2	71.9124	150	142	-76.64	-13.00	63.64	Pass	Vertical
3	140.0200	150	5	-76.26	-13.00	63.26	Pass	Vertical
4	208.9038	150	176	-70.51	-13.00	57.51	Pass	Vertical
5	687.5975	150	85	-70.76	-13.00	57.76	Pass	Vertical
6	742.5105	150	5	-67.30	-13.00	54.30	Pass	Vertical
7	2165.3165	150	300	-45.64	-13.00	32.64	Pass	Vertical
8	3703.0000	150	158	-51.06	-13.00	38.06	Pass	Vertical
9	4557.0779	150	83	-48.19	-13.00	35.19	Pass	Vertical
10	5554.5000	150	232	-51.42	-13.00	38.42	Pass	Vertical
11	7406.0000	150	184	-48.95	-13.00	35.95	Pass	Vertical
12	9062.5531	150	44	-42.87	-13.00	29.87	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	105.2871	150	39	-79.93	-13.00	66.93	Pass	Horizontal
2	208.9038	150	39	-80.46	-13.00	67.46	Pass	Horizontal
3	360.0600	150	305	-79.19	-13.00	66.19	Pass	Horizontal
4	625.1170	150	131	-74.79	-13.00	61.79	Pass	Horizontal
5	687.5975	150	329	-73.43	-13.00	60.43	Pass	Horizontal
6	742.5105	150	65	-67.58	-13.00	54.58	Pass	Horizontal
7	1307.8308	150	11	-47.99	-13.00	34.99	Pass	Horizontal
8	2838.3838	150	238	-45.24	-13.00	32.24	Pass	Horizontal
9	3760.0000	150	2	-50.04	-13.00	37.04	Pass	Horizontal
10	5640.0000	150	81	-51.01	-13.00	38.01	Pass	Horizontal
11	7520.0000	150	175	-47.71	-13.00	34.71	Pass	Horizontal
12	9690.3345	150	2	-44.30	-13.00	31.30	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	51.3443	150	141	-66.04	-13.00	53.04	Pass	Vertical
2	140.0200	150	76	-77.62	-13.00	64.62	Pass	Vertical
3	208.9038	150	175	-69.97	-13.00	56.97	Pass	Vertical
4	411.4803	150	141	-76.89	-13.00	63.89	Pass	Vertical
5	687.5975	150	274	-71.33	-13.00	58.33	Pass	Vertical
6	742.5105	150	206	-64.98	-13.00	51.98	Pass	Vertical
7	2998.3998	150	294	-45.44	-13.00	32.44	Pass	Vertical
8	3760.0000	150	76	-51.49	-13.00	38.49	Pass	Vertical
9	5006.3503	150	119	-48.34	-13.00	35.34	Pass	Vertical
10	5640.0000	150	119	-51.35	-13.00	38.35	Pass	Vertical
11	7520.0000	150	233	-48.06	-13.00	35.06	Pass	Vertical
12	10654.1327	150	256	-44.82	-13.00	31.82	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	62.7926	150	274	-80.90	-13.00	67.90	Pass	Horizontal
2	140.0200	150	274	-80.61	-13.00	67.61	Pass	Horizontal
3	156.1252	150	158	-77.47	-13.00	64.47	Pass	Horizontal
4	208.9038	150	53	-81.12	-13.00	68.12	Pass	Horizontal
5	687.5975	150	158	-74.01	-13.00	61.01	Pass	Horizontal
6	742.5105	150	308	-69.40	-13.00	56.40	Pass	Horizontal
7	1325.8326	150	274	-48.37	-13.00	35.37	Pass	Horizontal
8	2996.1996	150	336	-45.56	-13.00	32.56	Pass	Horizontal
9	3817.0000	150	332	-49.90	-13.00	36.90	Pass	Horizontal
10	5061.8531	150	2	-48.31	-13.00	35.31	Pass	Horizontal
11	5725.5000	150	243	-51.74	-13.00	38.74	Pass	Horizontal
12	7634.0000	150	2	-47.24	-13.00	34.24	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.5085	150	81	-65.28	-13.00	52.28	Pass	Vertical
2	140.0200	150	191	-76.09	-13.00	63.09	Pass	Vertical
3	157.8716	150	171	-72.54	-13.00	59.54	Pass	Vertical
4	208.9038	150	246	-70.26	-13.00	57.26	Pass	Vertical
5	411.4803	150	212	-77.35	-13.00	64.35	Pass	Vertical
6	742.5105	150	360	-65.49	-13.00	52.49	Pass	Vertical
7	2992.5993	150	135	-44.98	-13.00	31.98	Pass	Vertical
8	3817.0000	150	192	-49.46	-13.00	36.46	Pass	Vertical
9	5052.8526	150	258	-48.66	-13.00	35.66	Pass	Vertical
10	5725.5000	150	278	-50.97	-13.00	37.97	Pass	Vertical
11	7634.0000	150	150	-48.49	-13.00	35.49	Pass	Vertical
12	9093.3047	150	319	-44.58	-13.00	31.58	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	48.0456	150	318	-78.50	-13.00	65.50	Pass	Horizontal
2	104.1228	150	166	-77.35	-13.00	64.35	Pass	Horizontal
3	140.0200	150	318	-80.54	-13.00	67.54	Pass	Horizontal
4	208.9038	150	318	-80.66	-13.00	67.66	Pass	Horizontal
5	687.5975	150	235	-73.74	-13.00	60.74	Pass	Horizontal
6	742.5105	150	333	-67.02	-13.00	54.02	Pass	Horizontal
7	2838.9839	150	166	-45.21	-13.00	32.21	Pass	Horizontal
8	3705.0000	150	75	-50.29	-13.00	37.29	Pass	Horizontal
9	5022.8511	150	336	-48.33	-13.00	35.33	Pass	Horizontal
10	5557.5000	150	124	-51.48	-13.00	38.48	Pass	Horizontal
11	7410.0000	150	356	-49.28	-13.00	36.28	Pass	Horizontal
12	9712.8356	150	1	-43.63	-13.00	30.63	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	51.3443	150	283	-65.24	-13.00	52.24	Pass	Vertical
2	95.1970	150	283	-78.12	-13.00	65.12	Pass	Vertical
3	140.0200	150	120	-76.51	-13.00	63.51	Pass	Vertical
4	208.9038	150	172	-70.30	-13.00	57.30	Pass	Vertical
5	742.5105	150	249	-64.25	-13.00	51.25	Pass	Vertical
6	906.2793	150	172	-64.96	-13.00	51.96	Pass	Vertical
7	2990.5991	150	348	-45.25	-13.00	32.25	Pass	Vertical
8	3705.0000	150	92	-49.88	-13.00	36.88	Pass	Vertical
9	5557.5000	150	111	-51.84	-13.00	38.84	Pass	Vertical
10	7410.0000	150	227	-48.67	-13.00	35.67	Pass	Vertical
11	8146.7573	150	42	-44.09	-13.00	31.09	Pass	Vertical
12	11776.1888	150	254	-45.72	-13.00	32.72	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.7920	150	134	-80.49	-13.00	67.49	Pass	Horizontal
2	114.7950	150	331	-80.30	-13.00	67.30	Pass	Horizontal
3	140.0200	150	354	-81.01	-13.00	68.01	Pass	Horizontal
4	208.9038	150	56	-80.69	-13.00	67.69	Pass	Horizontal
5	687.5975	150	320	-74.19	-13.00	61.19	Pass	Horizontal
6	742.5105	150	56	-71.98	-13.00	58.98	Pass	Horizontal
7	2669.7670	150	288	-45.77	-13.00	32.77	Pass	Horizontal
8	3760.0000	150	319	-50.26	-13.00	37.26	Pass	Horizontal
9	5049.1025	150	294	-48.04	-13.00	35.04	Pass	Horizontal
10	5640.0000	150	167	-50.45	-13.00	37.45	Pass	Horizontal
11	7520.0000	150	109	-48.87	-13.00	35.87	Pass	Horizontal
12	9027.3014	150	149	-43.73	-13.00	30.73	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	51.3443	150	54	-66.13	-13.00	53.13	Pass	Vertical
2	140.0200	150	316	-76.20	-13.00	63.20	Pass	Vertical
3	208.9038	150	117	-70.53	-13.00	57.53	Pass	Vertical
4	411.4803	150	232	-77.02	-13.00	64.02	Pass	Vertical
5	742.5105	150	41	-65.06	-13.00	52.06	Pass	Vertical
6	891.5323	150	68	-53.55	-13.00	40.55	Pass	Vertical
7	1261.4261	150	232	-49.01	-13.00	36.01	Pass	Vertical
8	2956.7957	150	177	-44.90	-13.00	31.90	Pass	Vertical
9	3760.0000	150	174	-49.47	-13.00	36.47	Pass	Vertical
10	5640.0000	150	87	-51.17	-13.00	38.17	Pass	Vertical
11	7520.0000	150	174	-48.39	-13.00	35.39	Pass	Vertical
12	9143.5572	150	329	-44.38	-13.00	31.38	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	140.0200	150	181	-81.18	-13.00	68.18	Pass	Horizontal
2	159.4239	150	181	-78.42	-13.00	65.42	Pass	Horizontal
3	208.9038	150	71	-80.42	-13.00	67.42	Pass	Horizontal
4	625.1170	150	106	-75.31	-13.00	62.31	Pass	Horizontal
5	687.5975	150	5	-74.25	-13.00	61.25	Pass	Horizontal
6	742.5105	150	279	-69.11	-13.00	56.11	Pass	Horizontal
7	1291.0291	150	198	-48.51	-13.00	35.51	Pass	Horizontal
8	2962.7963	150	181	-45.24	-13.00	32.24	Pass	Horizontal
9	3815.0000	150	312	-50.72	-13.00	37.72	Pass	Horizontal
10	5722.5000	150	282	-51.77	-13.00	38.77	Pass	Horizontal
11	7630.0000	150	206	-46.47	-13.00	33.47	Pass	Horizontal
12	9198.3099	150	0	-43.96	-13.00	30.96	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	51.1502	150	175	-66.59	-13.00	53.59	Pass	Vertical
2	140.0200	150	15	-76.88	-13.00	63.88	Pass	Vertical
3	208.9038	150	188	-70.15	-13.00	57.15	Pass	Vertical
4	360.0600	150	128	-81.19	-13.00	68.19	Pass	Vertical
5	411.4803	150	329	-77.38	-13.00	64.38	Pass	Vertical
6	742.5105	150	202	-65.39	-13.00	52.39	Pass	Vertical
7	1326.2326	150	2	-48.31	-13.00	35.31	Pass	Vertical
8	2986.1986	150	256	-45.52	-13.00	32.52	Pass	Vertical
9	3815.0000	150	185	-51.12	-13.00	38.12	Pass	Vertical
10	5722.5000	150	229	-52.21	-13.00	39.21	Pass	Vertical
11	7630.0000	150	229	-48.30	-13.00	35.30	Pass	Vertical
12	9112.8056	150	324	-44.25	-13.00	31.25	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	62.5985	150	62	-79.37	-13.00	66.37	Pass	Horizontal
2	110.1380	150	6	-75.19	-13.00	62.19	Pass	Horizontal
3	140.0200	150	344	-79.49	-13.00	66.49	Pass	Horizontal
4	208.9038	150	49	-79.98	-13.00	66.98	Pass	Horizontal
5	742.5105	150	360	-70.57	-13.00	57.57	Pass	Horizontal
6	906.0852	150	318	-60.36	-13.00	47.36	Pass	Horizontal
7	1294.4294	150	248	-48.06	-13.00	35.06	Pass	Horizontal
8	3710.0000	150	44	-51.54	-13.00	38.54	Pass	Horizontal
9	4375.5688	150	63	-48.49	-13.00	35.49	Pass	Horizontal
10	5565.0000	150	308	-51.42	-13.00	38.42	Pass	Horizontal
11	7420.0000	150	264	-48.81	-13.00	35.81	Pass	Horizontal
12	9702.3351	150	18	-43.98	-13.00	30.98	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	50.5681	150	38	-65.14	-13.00	52.14	Pass	Vertical
2	140.0200	150	258	-76.24	-13.00	63.24	Pass	Vertical
3	208.9038	150	218	-70.53	-13.00	57.53	Pass	Vertical
4	687.5975	150	170	-71.00	-13.00	58.00	Pass	Vertical
5	742.5105	150	325	-65.81	-13.00	52.81	Pass	Vertical
6	892.8906	150	100	-68.40	-13.00	55.40	Pass	Vertical
7	1326.2326	150	185	-48.07	-13.00	35.07	Pass	Vertical
8	3710.0000	150	313	-51.73	-13.00	38.73	Pass	Vertical
9	5043.1022	150	172	-48.29	-13.00	35.29	Pass	Vertical
10	5565.0000	150	99	-51.56	-13.00	38.56	Pass	Vertical
11	7420.0000	150	256	-49.25	-13.00	36.25	Pass	Vertical
12	9144.3072	150	57	-43.96	-13.00	30.96	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.5979	150	177	-80.20	-13.00	67.20	Pass	Horizontal
2	113.2426	150	47	-78.99	-13.00	65.99	Pass	Horizontal
3	208.9038	150	267	-81.11	-13.00	68.11	Pass	Horizontal
4	360.0600	150	228	-79.49	-13.00	66.49	Pass	Horizontal
5	742.5105	150	215	-69.14	-13.00	56.14	Pass	Horizontal
6	891.7263	150	82	-58.26	-13.00	45.26	Pass	Horizontal
7	2648.3648	150	283	-45.70	-13.00	32.70	Pass	Horizontal
8	3760.0000	150	3	-51.53	-13.00	38.53	Pass	Horizontal
9	4659.0830	150	346	-48.66	-13.00	35.66	Pass	Horizontal
10	5640.0000	150	87	-51.92	-13.00	38.92	Pass	Horizontal
11	7520.0000	150	87	-48.26	-13.00	35.26	Pass	Horizontal
12	8473.7737	150	239	-44.36	-13.00	31.36	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.5085	150	269	-65.93	-13.00	52.93	Pass	Vertical
2	140.0200	150	59	-76.03	-13.00	63.03	Pass	Vertical
3	208.9038	150	239	-70.16	-13.00	57.16	Pass	Vertical
4	411.4803	150	132	-76.12	-13.00	63.12	Pass	Vertical
5	742.5105	150	80	-65.86	-13.00	52.86	Pass	Vertical
6	894.6369	150	80	-55.43	-13.00	42.43	Pass	Vertical
7	1327.0327	150	107	-47.99	-13.00	34.99	Pass	Vertical
8	2988.9989	150	5	-45.68	-13.00	32.68	Pass	Vertical
9	3760.0000	150	201	-50.72	-13.00	37.72	Pass	Vertical
10	5640.0000	150	246	-51.58	-13.00	38.58	Pass	Vertical
11	7520.0000	150	149	-48.19	-13.00	35.19	Pass	Vertical
12	8422.7711	150	266	-44.52	-13.00	31.52	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.9860	150	76	-79.40	-13.00	66.40	Pass	Horizontal
2	140.0200	150	61	-79.92	-13.00	66.92	Pass	Horizontal
3	208.9038	150	45	-79.53	-13.00	66.53	Pass	Horizontal
4	600.0860	150	126	-75.56	-13.00	62.56	Pass	Horizontal
5	687.5975	150	143	-73.77	-13.00	60.77	Pass	Horizontal
6	742.5105	150	223	-69.80	-13.00	56.80	Pass	Horizontal
7	2905.1905	150	155	-45.37	-13.00	32.37	Pass	Horizontal
8	3810.0000	150	291	-50.76	-13.00	37.76	Pass	Horizontal
9	5175.1088	150	358	-48.42	-13.00	35.42	Pass	Horizontal
10	5715.0000	150	170	-51.45	-13.00	38.45	Pass	Horizontal
11	7620.0000	150	125	-48.65	-13.00	35.65	Pass	Horizontal
12	8413.7707	150	102	-44.58	-13.00	31.58	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.1204	150	55	-66.28	-13.00	53.28	Pass	Vertical
2	99.2719	150	242	-77.70	-13.00	64.70	Pass	Vertical
3	140.0200	150	289	-76.77	-13.00	63.77	Pass	Vertical
4	208.9038	150	123	-70.49	-13.00	57.49	Pass	Vertical
5	411.4803	150	289	-78.01	-13.00	65.01	Pass	Vertical
6	742.5105	150	305	-67.56	-13.00	54.56	Pass	Vertical
7	2996.7997	150	160	-45.34	-13.00	32.34	Pass	Vertical
8	3810.0000	150	184	-49.07	-13.00	36.07	Pass	Vertical
9	4565.3283	150	293	-48.12	-13.00	35.12	Pass	Vertical
10	5715.0000	150	37	-50.83	-13.00	37.83	Pass	Vertical
11	6461.4231	150	162	-47.61	-13.00	34.61	Pass	Vertical
12	7620.0000	150	142	-49.20	-13.00	36.20	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	112.4665	150	3	-77.01	-13.00	64.01	Pass	Horizontal
2	208.9038	150	56	-79.49	-13.00	66.49	Pass	Horizontal
3	327.0734	150	155	-78.80	-13.00	65.80	Pass	Horizontal
4	687.5975	150	42	-73.55	-13.00	60.55	Pass	Horizontal
5	742.5105	150	212	-67.70	-13.00	54.70	Pass	Horizontal
6	897.7415	150	3	-61.75	-13.00	48.75	Pass	Horizontal
7	1326.4326	150	3	-48.43	-13.00	35.43	Pass	Horizontal
8	2929.9930	150	71	-45.17	-13.00	32.17	Pass	Horizontal
9	3715.0000	150	138	-50.22	-13.00	37.22	Pass	Horizontal
10	5572.5000	150	344	-51.26	-13.00	38.26	Pass	Horizontal
11	7430.0000	150	138	-48.91	-13.00	35.91	Pass	Horizontal
12	8416.0208	150	46	-44.15	-13.00	31.15	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.5979	150	154	-66.05	-13.00	53.05	Pass	Vertical
2	140.0200	150	240	-76.86	-13.00	63.86	Pass	Vertical
3	208.9038	150	143	-69.99	-13.00	56.99	Pass	Vertical
4	411.4803	150	5	-76.53	-13.00	63.53	Pass	Vertical
5	742.5105	150	354	-65.80	-13.00	52.80	Pass	Vertical
6	891.5323	150	360	-60.60	-13.00	47.60	Pass	Vertical
7	2541.9542	150	360	-45.41	-13.00	32.41	Pass	Vertical
8	3715.0000	150	326	-50.10	-13.00	37.10	Pass	Vertical
9	4557.8279	150	348	-48.09	-13.00	35.09	Pass	Vertical
10	5572.5000	150	2	-50.90	-13.00	37.90	Pass	Vertical
11	7430.0000	150	124	-50.22	-13.00	37.22	Pass	Vertical
12	8531.5266	150	326	-44.23	-13.00	31.23	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.3145	150	45	-80.50	-13.00	67.50	Pass	Horizontal
2	126.4373	150	150	-76.62	-13.00	63.62	Pass	Horizontal
3	208.9038	150	175	-80.56	-13.00	67.56	Pass	Horizontal
4	440.0040	150	1	-78.47	-13.00	65.47	Pass	Horizontal
5	742.5105	150	30	-67.98	-13.00	54.98	Pass	Horizontal
6	893.0846	150	252	-64.15	-13.00	51.15	Pass	Horizontal
7	3192.0096	150	178	-45.53	-13.00	32.53	Pass	Horizontal
8	3760.0000	150	178	-50.53	-13.00	37.53	Pass	Horizontal
9	5052.1026	150	10	-48.25	-13.00	35.25	Pass	Horizontal
10	5640.0000	150	255	-51.92	-13.00	38.92	Pass	Horizontal
11	7520.0000	150	217	-48.67	-13.00	35.67	Pass	Horizontal
12	9091.0546	150	10	-44.30	-13.00	31.30	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.5085	150	35	-66.01	-13.00	53.01	Pass	Vertical
2	95.0030	150	35	-77.52	-13.00	64.52	Pass	Vertical
3	140.0200	150	140	-76.32	-13.00	63.32	Pass	Vertical
4	208.9038	150	280	-70.18	-13.00	57.18	Pass	Vertical
5	742.5105	150	116	-66.02	-13.00	53.02	Pass	Vertical
6	890.3681	150	360	-61.01	-13.00	48.01	Pass	Vertical
7	2924.1924	150	56	-45.53	-13.00	32.53	Pass	Vertical
8	3760.0000	150	32	-51.10	-13.00	38.10	Pass	Vertical
9	5051.3526	150	9	-48.52	-13.00	35.52	Pass	Vertical
10	5640.0000	150	275	-51.32	-13.00	38.32	Pass	Vertical
11	7520.0000	150	254	-48.80	-13.00	35.80	Pass	Vertical
12	8973.2987	150	166	-44.17	-13.00	31.17	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	62.5985	150	26	-80.26	-13.00	67.26	Pass	Horizontal
2	158.6477	150	201	-80.76	-13.00	67.76	Pass	Horizontal
3	208.9038	150	48	-80.08	-13.00	67.08	Pass	Horizontal
4	625.1170	150	26	-75.45	-13.00	62.45	Pass	Horizontal
5	687.5975	150	72	-73.95	-13.00	60.95	Pass	Horizontal
6	742.5105	150	168	-68.31	-13.00	55.31	Pass	Horizontal
7	1279.2279	150	119	-48.42	-13.00	35.42	Pass	Horizontal
8	3805.0000	150	340	-48.86	-13.00	35.86	Pass	Horizontal
9	4661.3331	150	279	-48.12	-13.00	35.12	Pass	Horizontal
10	5707.5000	150	156	-50.48	-13.00	37.48	Pass	Horizontal
11	7610.0000	150	4	-48.81	-13.00	35.81	Pass	Horizontal
12	8803.0402	150	321	-44.56	-13.00	31.56	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.5085	150	228	-65.44	-13.00	52.44	Pass	Vertical
2	99.2719	150	2	-79.00	-13.00	66.00	Pass	Vertical
3	140.0200	150	34	-77.66	-13.00	64.66	Pass	Vertical
4	208.9038	150	23	-70.53	-13.00	57.53	Pass	Vertical
5	742.5105	150	34	-64.83	-13.00	51.83	Pass	Vertical
6	897.7415	150	228	-67.55	-13.00	54.55	Pass	Vertical
7	1292.2292	150	92	-48.05	-13.00	35.05	Pass	Vertical
8	3805.0000	150	107	-50.64	-13.00	37.64	Pass	Vertical
9	5064.8532	150	223	-48.49	-13.00	35.49	Pass	Vertical
10	5707.5000	150	5	-50.58	-13.00	37.58	Pass	Vertical
11	6381.1691	150	358	-46.84	-13.00	33.84	Pass	Vertical
12	7610.0000	150	265	-48.90	-13.00	35.90	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	102.3765	150	224	-72.09	-13.00	59.09	Pass	Horizontal
2	208.9038	150	66	-80.01	-13.00	67.01	Pass	Horizontal
3	348.0296	150	347	-78.76	-13.00	65.76	Pass	Horizontal
4	687.5975	150	8	-73.74	-13.00	60.74	Pass	Horizontal
5	742.5105	150	8	-68.48	-13.00	55.48	Pass	Horizontal
6	892.3085	150	51	-65.66	-13.00	52.66	Pass	Horizontal
7	1259.2259	150	51	-48.30	-13.00	35.30	Pass	Horizontal
8	2569.1569	150	358	-45.44	-13.00	32.44	Pass	Horizontal
9	3597.0299	150	253	-46.58	-13.00	33.58	Pass	Horizontal
10	3720.0000	150	293	-51.61	-13.00	38.61	Pass	Horizontal
11	5580.0000	150	60	-51.64	-13.00	38.64	Pass	Horizontal
12	7440.0000	150	20	-49.84	-13.00	36.84	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	51.3443	150	46	-65.54	-13.00	52.54	Pass	Vertical
2	120.4221	150	146	-77.99	-13.00	64.99	Pass	Vertical
3	140.0200	150	316	-76.75	-13.00	63.75	Pass	Vertical
4	208.9038	150	305	-70.85	-13.00	57.85	Pass	Vertical
5	742.5105	150	34	-64.74	-13.00	51.74	Pass	Vertical
6	890.9502	150	358	-69.03	-13.00	56.03	Pass	Vertical
7	1324.6325	150	225	-48.62	-13.00	35.62	Pass	Vertical
8	2441.1441	150	358	-45.91	-13.00	32.91	Pass	Vertical
9	3720.0000	150	310	-51.25	-13.00	38.25	Pass	Vertical
10	5580.0000	150	0	-51.19	-13.00	38.19	Pass	Vertical
11	7440.0000	150	161	-49.71	-13.00	36.71	Pass	Vertical
12	8929.7965	150	245	-44.03	-13.00	31.03	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	130.5121	150	24	-79.34	-13.00	66.34	Pass	Horizontal
2	208.9038	150	145	-81.86	-13.00	68.86	Pass	Horizontal
3	360.0600	150	310	-79.10	-13.00	66.10	Pass	Horizontal
4	625.1170	150	145	-75.62	-13.00	62.62	Pass	Horizontal
5	687.5975	150	360	-74.10	-13.00	61.10	Pass	Horizontal
6	742.5105	150	173	-67.12	-13.00	54.12	Pass	Horizontal
7	1310.0310	150	228	-48.52	-13.00	35.52	Pass	Horizontal
8	2923.5924	150	339	-45.49	-13.00	32.49	Pass	Horizontal
9	3760.0000	150	57	-50.92	-13.00	37.92	Pass	Horizontal
10	5082.1041	150	18	-48.25	-13.00	35.25	Pass	Horizontal
11	5640.0000	150	39	-51.00	-13.00	38.00	Pass	Horizontal
12	7520.0000	150	306	-49.11	-13.00	36.11	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	48.8218	150	291	-65.59	-13.00	52.59	Pass	Vertical
2	140.0200	150	60	-75.16	-13.00	62.16	Pass	Vertical
3	208.9038	150	260	-72.41	-13.00	59.41	Pass	Vertical
4	411.4803	150	204	-76.97	-13.00	63.97	Pass	Vertical
5	742.5105	150	23	-66.74	-13.00	53.74	Pass	Vertical
6	891.5323	150	6	-66.88	-13.00	53.88	Pass	Vertical
7	1354.2354	150	6	-48.63	-13.00	35.63	Pass	Vertical
8	2769.7770	150	60	-45.12	-13.00	32.12	Pass	Vertical
9	3760.0000	150	16	-50.09	-13.00	37.09	Pass	Vertical
10	5083.6042	150	80	-48.31	-13.00	35.31	Pass	Vertical
11	5640.0000	150	16	-51.25	-13.00	38.25	Pass	Vertical
12	7520.0000	150	56	-48.47	-13.00	35.47	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.9860	150	6	-79.87	-13.00	66.87	Pass	Horizontal
2	140.0200	150	24	-80.25	-13.00	67.25	Pass	Horizontal
3	208.9038	150	121	-79.84	-13.00	66.84	Pass	Horizontal
4	625.1170	150	24	-74.73	-13.00	61.73	Pass	Horizontal
5	687.5975	150	70	-73.47	-13.00	60.47	Pass	Horizontal
6	890.9502	150	97	-71.70	-13.00	58.70	Pass	Horizontal
7	2762.5763	150	220	-45.48	-13.00	32.48	Pass	Horizontal
8	3800.0000	150	221	-51.64	-13.00	38.64	Pass	Horizontal
9	4709.3355	150	265	-48.31	-13.00	35.31	Pass	Horizontal
10	5700.0000	150	181	-50.97	-13.00	37.97	Pass	Horizontal
11	7600.0000	150	356	-48.13	-13.00	35.13	Pass	Horizontal
12	9699.3350	150	66	-44.23	-13.00	31.23	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	50.5681	150	107	-65.68	-13.00	52.68	Pass	Vertical
2	140.0200	150	4	-75.70	-13.00	62.70	Pass	Vertical
3	208.9038	150	209	-70.54	-13.00	57.54	Pass	Vertical
4	290.0120	150	335	-79.84	-13.00	66.84	Pass	Vertical
5	411.4803	150	78	-77.25	-13.00	64.25	Pass	Vertical
6	742.5105	150	147	-64.91	-13.00	51.91	Pass	Vertical
7	2679.9680	150	107	-45.39	-13.00	32.39	Pass	Vertical
8	3800.0000	150	121	-51.89	-13.00	38.89	Pass	Vertical
9	4669.5835	150	142	-48.47	-13.00	35.47	Pass	Vertical
10	5700.0000	150	142	-50.95	-13.00	37.95	Pass	Vertical
11	7600.0000	150	100	-49.28	-13.00	36.28	Pass	Vertical
12	9100.0550	150	100	-44.48	-13.00	31.48	Pass	Vertical

16QAM

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	57.1654	150	20	-80.64	-13.00	67.64	Pass	Horizontal
2	123.1386	150	124	-81.66	-13.00	68.66	Pass	Horizontal
3	274.6829	150	11	-81.90	-13.00	68.90	Pass	Horizontal
4	480.7522	150	58	-79.44	-13.00	66.44	Pass	Horizontal
5	659.8500	150	95	-76.38	-13.00	63.38	Pass	Horizontal
6	874.6509	150	348	-73.72	-13.00	60.72	Pass	Horizontal
7	1553.4553	150	236	-50.64	-13.00	37.64	Pass	Horizontal
8	3701.4000	150	338	-48.44	-13.00	35.44	Pass	Horizontal
9	4687.5844	150	168	-48.58	-13.00	35.58	Pass	Horizontal
10	5552.1000	150	260	-51.56	-13.00	38.56	Pass	Horizontal
11	7402.8000	150	16	-47.43	-13.00	34.43	Pass	Horizontal
12	11166.4083	150	230	-47.30	-13.00	34.30	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	62.7926	150	107	-75.85	-13.00	62.85	Pass	Vertical
2	120.0340	150	359	-81.82	-13.00	68.82	Pass	Vertical
3	190.0820	150	303	-81.34	-13.00	68.34	Pass	Vertical
4	360.0600	150	98	-80.02	-13.00	67.02	Pass	Vertical
5	562.6365	150	88	-77.81	-13.00	64.81	Pass	Vertical
6	879.6959	150	51	-70.80	-13.00	57.80	Pass	Vertical
7	1405.4405	150	126	-49.12	-13.00	36.12	Pass	Vertical
8	3701.4000	150	122	-49.36	-13.00	36.36	Pass	Vertical
9	4668.8334	150	291	-48.55	-13.00	35.55	Pass	Vertical
10	5552.1000	150	122	-50.10	-13.00	37.10	Pass	Vertical
11	7402.8000	150	291	-48.42	-13.00	35.42	Pass	Vertical
12	10786.1393	150	92	-45.37	-13.00	32.37	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		18900		
Remark:	1.4MHz							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	56.1952	150	7	-81.52	-13.00	68.52	Pass	Horizontal
2	91.3163	150	7	-81.76	-13.00	68.76	Pass	Horizontal
3	176.6933	150	256	-84.88	-13.00	71.88	Pass	Horizontal
4	288.0716	150	226	-82.23	-13.00	69.23	Pass	Horizontal
5	562.6365	150	160	-77.92	-13.00	64.92	Pass	Horizontal
6	957.3115	150	38	-71.59	-13.00	58.59	Pass	Horizontal
7	1499.4499	150	38	-49.37	-13.00	36.37	Pass	Horizontal
8	2549.7550	150	256	-46.17	-13.00	33.17	Pass	Horizontal
9	3760.0000	150	52	-48.80	-13.00	35.80	Pass	Horizontal
10	5640.0000	150	74	-52.22	-13.00	39.22	Pass	Horizontal
11	7520.0000	150	52	-46.44	-13.00	33.44	Pass	Horizontal
12	10663.8832	150	140	-46.25	-13.00	33.25	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18900		
Remark:	1.4MHz							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	71.9124	150	350	-77.46	-13.00	64.46	Pass	Vertical
2	129.9300	150	38	-80.79	-13.00	67.79	Pass	Vertical
3	233.5467	150	18	-83.03	-13.00	70.03	Pass	Vertical
4	329.9840	150	38	-79.62	-13.00	66.62	Pass	Vertical
5	411.4803	150	360	-78.00	-13.00	65.00	Pass	Vertical
6	831.3803	150	18	-71.36	-13.00	58.36	Pass	Vertical
7	1552.8553	150	170	-50.27	-13.00	37.27	Pass	Vertical
8	3084.0042	150	120	-46.68	-13.00	33.68	Pass	Vertical
9	3760.0000	150	22	-49.72	-13.00	36.72	Pass	Vertical
10	5640.0000	150	22	-49.86	-13.00	36.86	Pass	Vertical
11	7520.0000	150	161	-46.95	-13.00	33.95	Pass	Vertical
12	12291.4646	150	1	-48.15	-13.00	35.15	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	65.3151	150	324	-81.02	-13.00	68.02	Pass	Horizontal
2	106.0632	150	91	-80.65	-13.00	67.65	Pass	Horizontal
3	236.8454	150	360	-84.68	-13.00	71.68	Pass	Horizontal
4	303.9828	150	298	-81.34	-13.00	68.34	Pass	Horizontal
5	524.9930	150	91	-78.53	-13.00	65.53	Pass	Horizontal
6	822.6485	150	154	-74.46	-13.00	61.46	Pass	Horizontal
7	1466.6467	150	154	-49.34	-13.00	36.34	Pass	Horizontal
8	2600.5601	150	355	-45.68	-13.00	32.68	Pass	Horizontal
9	3818.6000	150	300	-48.02	-13.00	35.02	Pass	Horizontal
10	5727.9000	150	300	-53.19	-13.00	40.19	Pass	Horizontal
11	7637.2000	150	3	-47.01	-13.00	34.01	Pass	Horizontal
12	10784.6392	150	300	-45.59	-13.00	32.59	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	43.7768	150	196	-74.07	-13.00	61.07	Pass	Vertical
2	94.2268	150	41	-78.25	-13.00	65.25	Pass	Vertical
3	290.0120	150	347	-78.97	-13.00	65.97	Pass	Vertical
4	344.7309	150	245	-80.12	-13.00	67.12	Pass	Vertical
5	513.1566	150	210	-78.71	-13.00	65.71	Pass	Vertical
6	827.3055	150	41	-71.75	-13.00	58.75	Pass	Vertical
7	1167.8168	150	245	-49.49	-13.00	36.49	Pass	Vertical
8	3192.7596	150	139	-46.23	-13.00	33.23	Pass	Vertical
9	3818.6000	150	181	-49.23	-13.00	36.23	Pass	Vertical
10	5727.9000	150	118	-50.46	-13.00	37.46	Pass	Vertical
11	7637.2000	150	200	-45.18	-13.00	32.18	Pass	Vertical
12	10297.1149	150	181	-45.88	-13.00	32.88	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	62.4045	150	42	-81.46	-13.00	68.46	Pass	Horizontal
2	119.6459	150	124	-80.96	-13.00	67.96	Pass	Horizontal
3	250.0400	150	189	-83.29	-13.00	70.29	Pass	Horizontal
4	338.5217	150	161	-80.61	-13.00	67.61	Pass	Horizontal
5	450.0940	150	63	-78.60	-13.00	65.60	Pass	Horizontal
6	890.9502	150	342	-72.46	-13.00	59.46	Pass	Horizontal
7	1513.4513	150	136	-49.62	-13.00	36.62	Pass	Horizontal
8	2592.5593	150	25	-46.36	-13.00	33.36	Pass	Horizontal
9	3703.0000	150	58	-48.46	-13.00	35.46	Pass	Horizontal
10	5554.5000	150	357	-49.40	-13.00	36.40	Pass	Horizontal
11	7406.0000	150	37	-49.83	-13.00	36.83	Pass	Horizontal
12	11156.6578	150	246	-46.48	-13.00	33.48	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	42.4185	150	142	-72.26	-13.00	59.26	Pass	Vertical
2	100.0480	150	224	-79.57	-13.00	66.57	Pass	Vertical
3	176.4993	150	142	-81.78	-13.00	68.78	Pass	Vertical
4	329.9840	150	360	-80.39	-13.00	67.39	Pass	Vertical
5	473.9608	150	247	-79.12	-13.00	66.12	Pass	Vertical
6	955.1770	150	85	-70.94	-13.00	57.94	Pass	Vertical
7	1229.2229	150	55	-49.16	-13.00	36.16	Pass	Vertical
8	2514.5515	150	300	-46.46	-13.00	33.46	Pass	Vertical
9	3703.0000	150	158	-51.29	-13.00	38.29	Pass	Vertical
10	5554.5000	150	232	-49.90	-13.00	36.90	Pass	Vertical
11	7406.0000	150	184	-49.15	-13.00	36.15	Pass	Vertical
12	10306.1153	150	108	-45.76	-13.00	32.76	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	65.8972	150	11	-81.68	-13.00	68.68	Pass	Horizontal
2	180.3801	150	360	-85.80	-13.00	72.80	Pass	Horizontal
3	311.9384	150	11	-81.94	-13.00	68.94	Pass	Horizontal
4	416.5253	150	213	-79.75	-13.00	66.75	Pass	Horizontal
5	567.0994	150	108	-78.43	-13.00	65.43	Pass	Horizontal
6	890.9502	150	94	-73.70	-13.00	60.70	Pass	Horizontal
7	1451.0451	150	254	-49.86	-13.00	36.86	Pass	Horizontal
8	3097.5049	150	293	-46.26	-13.00	33.26	Pass	Horizontal
9	3760.0000	150	2	-49.27	-13.00	36.27	Pass	Horizontal
10	5640.0000	150	81	-51.67	-13.00	38.67	Pass	Horizontal
11	7520.0000	150	175	-47.71	-13.00	34.71	Pass	Horizontal
12	10918.8959	150	293	-48.20	-13.00	35.20	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	69.3899	150	76	-77.29	-13.00	64.29	Pass	Vertical
2	129.9300	150	76	-80.50	-13.00	67.50	Pass	Vertical
3	219.9640	150	141	-81.95	-13.00	68.95	Pass	Vertical
4	347.4475	150	35	-80.28	-13.00	67.28	Pass	Vertical
5	562.6365	150	206	-77.82	-13.00	64.82	Pass	Vertical
6	905.6971	150	356	-71.03	-13.00	58.03	Pass	Vertical
7	1419.8420	150	356	-49.48	-13.00	36.48	Pass	Vertical
8	3760.0000	150	76	-49.42	-13.00	36.42	Pass	Vertical
9	4440.0720	150	12	-48.74	-13.00	35.74	Pass	Vertical
10	5640.0000	150	119	-52.30	-13.00	39.30	Pass	Vertical
11	7520.0000	150	233	-47.35	-13.00	34.35	Pass	Vertical
12	10285.1143	150	12	-45.95	-13.00	32.95	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.1204	150	53	-81.68	-13.00	68.68	Pass	Horizontal
2	102.9586	150	53	-81.26	-13.00	68.26	Pass	Horizontal
3	233.5467	150	308	-84.08	-13.00	71.08	Pass	Horizontal
4	303.9828	150	53	-80.89	-13.00	67.89	Pass	Horizontal
5	547.6955	150	53	-79.14	-13.00	66.14	Pass	Horizontal
6	875.0390	150	231	-72.88	-13.00	59.88	Pass	Horizontal
7	1244.0244	150	53	-48.87	-13.00	35.87	Pass	Horizontal
8	2547.1547	150	336	-45.61	-13.00	32.61	Pass	Horizontal
9	3817.0000	150	332	-47.82	-13.00	34.82	Pass	Horizontal
10	5725.5000	150	243	-48.97	-13.00	35.97	Pass	Horizontal
11	7634.0000	150	2	-47.66	-13.00	34.66	Pass	Horizontal
12	9090.3045	150	2	-44.06	-13.00	31.06	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	43.1946	150	2	-72.62	-13.00	59.62	Pass	Vertical
2	129.9300	150	360	-81.81	-13.00	68.81	Pass	Vertical
3	270.0260	150	102	-81.12	-13.00	68.12	Pass	Vertical
4	440.0040	150	338	-78.53	-13.00	65.53	Pass	Vertical
5	585.3391	150	338	-77.64	-13.00	64.64	Pass	Vertical
6	830.0220	150	33	-71.96	-13.00	58.96	Pass	Vertical
7	1425.4425	150	282	-49.19	-13.00	36.19	Pass	Vertical
8	2583.7584	150	282	-45.92	-13.00	32.92	Pass	Vertical
9	3817.0000	150	192	-49.46	-13.00	36.46	Pass	Vertical
10	5725.5000	150	278	-48.95	-13.00	35.95	Pass	Vertical
11	7634.0000	150	150	-47.32	-13.00	34.32	Pass	Vertical
12	10543.8772	150	56	-45.97	-13.00	32.97	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		18625		
Remark:	5MHz							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	55.8072	150	59	-81.00	-13.00	68.00	Pass	Horizontal
2	120.0340	150	8	-81.38	-13.00	68.38	Pass	Horizontal
3	296.8034	150	8	-82.26	-13.00	69.26	Pass	Horizontal
4	420.4061	150	113	-80.22	-13.00	67.22	Pass	Horizontal
5	544.9790	150	23	-78.84	-13.00	65.84	Pass	Horizontal
6	907.8316	150	248	-73.46	-13.00	60.46	Pass	Horizontal
7	1373.4373	150	86	-49.40	-13.00	36.40	Pass	Horizontal
8	3057.7529	150	218	-46.38	-13.00	33.38	Pass	Horizontal
9	3705.0000	150	75	-51.07	-13.00	38.07	Pass	Horizontal
10	5557.5000	150	124	-50.28	-13.00	37.28	Pass	Horizontal
11	7410.0000	150	356	-48.27	-13.00	35.27	Pass	Horizontal
12	10795.8898	150	1	-46.26	-13.00	33.26	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18625		
Remark:	5MHz							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	48.8218	150	360	-66.37	-13.00	53.37	Pass	Vertical
2	129.9300	150	134	-82.55	-13.00	69.55	Pass	Vertical
3	259.9360	150	92	-81.51	-13.00	68.51	Pass	Vertical
4	340.0740	150	307	-80.99	-13.00	67.99	Pass	Vertical
5	453.7808	150	69	-78.98	-13.00	65.98	Pass	Vertical
6	832.1564	150	230	-71.87	-13.00	58.87	Pass	Vertical
7	1501.4501	150	348	-50.32	-13.00	37.32	Pass	Vertical
8	2550.1550	150	348	-46.36	-13.00	33.36	Pass	Vertical
9	3705.0000	150	92	-51.88	-13.00	38.88	Pass	Vertical
10	5557.5000	150	111	-48.92	-13.00	35.92	Pass	Vertical
11	7410.0000	150	227	-47.39	-13.00	34.39	Pass	Vertical
12	10233.3617	150	280	-45.59	-13.00	32.59	Pass	Vertical
13	12378.4689	150	65	-48.36	-13.00	35.36	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	55.2250	150	189	-81.78	-13.00	68.78	Pass	Horizontal
2	89.1818	150	204	-82.02	-13.00	69.02	Pass	Horizontal
3	160.0060	150	20	-84.88	-13.00	71.88	Pass	Horizontal
4	287.4895	150	302	-83.15	-13.00	70.15	Pass	Horizontal
5	531.3963	150	164	-79.54	-13.00	66.54	Pass	Horizontal
6	954.7890	150	302	-72.24	-13.00	59.24	Pass	Horizontal
7	1530.0530	150	189	-50.66	-13.00	37.66	Pass	Horizontal
8	2805.3805	150	302	-46.71	-13.00	33.71	Pass	Horizontal
9	3760.0000	150	319	-50.76	-13.00	37.76	Pass	Horizontal
10	5640.0000	150	167	-51.47	-13.00	38.47	Pass	Horizontal
11	7520.0000	150	109	-47.19	-13.00	34.19	Pass	Horizontal
12	10395.3698	150	356	-47.05	-13.00	34.05	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	42.4185	150	232	-72.21	-13.00	59.21	Pass	Vertical
2	75.4051	150	190	-78.32	-13.00	65.32	Pass	Vertical
3	184.2609	150	117	-80.60	-13.00	67.60	Pass	Vertical
4	332.3125	150	300	-79.90	-13.00	66.90	Pass	Vertical
5	562.4425	150	260	-76.64	-13.00	63.64	Pass	Vertical
6	838.1716	150	300	-71.89	-13.00	58.89	Pass	Vertical
7	1547.0547	150	177	-49.88	-13.00	36.88	Pass	Vertical
8	2769.3769	150	360	-45.47	-13.00	32.47	Pass	Vertical
9	3760.0000	150	174	-47.02	-13.00	34.02	Pass	Vertical
10	5640.0000	150	87	-50.02	-13.00	37.02	Pass	Vertical
11	7520.0000	150	174	-46.92	-13.00	33.92	Pass	Vertical
12	10408.8704	150	284	-45.86	-13.00	32.86	Pass	Vertical

Mode:	LTE Traffic		
Band:	2	Channel:	19175
Remark:	3MHz		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	62.4045	150	71	-80.85	-13.00	67.85	Pass	Horizontal
2	105.2871	150	348	-80.59	-13.00	67.59	Pass	Horizontal
3	268.8618	150	71	-82.55	-13.00	69.55	Pass	Horizontal
4	377.5235	150	5	-80.02	-13.00	67.02	Pass	Horizontal
5	511.6043	150	198	-79.35	-13.00	66.35	Pass	Horizontal
6	857.1874	150	359	-73.84	-13.00	60.84	Pass	Horizontal
7	1452.2452	150	198	-49.12	-13.00	36.12	Pass	Horizontal
8	2403.5404	150	209	-46.00	-13.00	33.00	Pass	Horizontal
9	3815.0000	150	312	-50.42	-13.00	37.42	Pass	Horizontal
10	5722.5000	150	282	-50.12	-13.00	37.12	Pass	Horizontal
11	7630.0000	150	206	-45.97	-13.00	32.97	Pass	Horizontal
12	10664.6332	150	0	-46.20	-13.00	33.20	Pass	Horizontal

Mode:	LTE Traffic		
Band:	2	Channel:	19175
Remark:	3MHz		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.2098	150	303	-67.96	-13.00	54.96	Pass	Vertical
2	182.7085	150	145	-81.84	-13.00	68.84	Pass	Vertical
3	270.0260	150	202	-81.99	-13.00	68.99	Pass	Vertical
4	329.9840	150	15	-80.63	-13.00	67.63	Pass	Vertical
5	553.7107	150	303	-78.46	-13.00	65.46	Pass	Vertical
6	882.9946	150	15	-72.01	-13.00	59.01	Pass	Vertical
7	1436.4436	150	303	-50.34	-13.00	37.34	Pass	Vertical
8	2558.5559	150	89	-46.70	-13.00	33.70	Pass	Vertical
9	3815.0000	150	185	-50.39	-13.00	37.39	Pass	Vertical
10	5722.5000	150	229	-50.68	-13.00	37.68	Pass	Vertical
11	7630.0000	150	229	-48.30	-13.00	35.30	Pass	Vertical
12	10605.3803	150	0	-47.16	-13.00	34.16	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	55.4191	150	161	-80.58	-13.00	67.58	Pass	Horizontal
2	96.9434	150	344	-81.50	-13.00	68.50	Pass	Horizontal
3	233.5467	150	22	-85.26	-13.00	72.26	Pass	Horizontal
4	419.4359	150	301	-80.40	-13.00	67.40	Pass	Horizontal
5	661.0142	150	49	-75.91	-13.00	62.91	Pass	Horizontal
6	961.1922	150	318	-71.44	-13.00	58.44	Pass	Horizontal
7	1451.6452	150	34	-50.67	-13.00	37.67	Pass	Horizontal
8	2548.5549	150	161	-46.62	-13.00	33.62	Pass	Horizontal
9	3710.0000	150	44	-52.14	-13.00	39.14	Pass	Horizontal
10	5565.0000	150	308	-51.62	-13.00	38.62	Pass	Horizontal
11	7420.0000	150	264	-49.01	-13.00	36.01	Pass	Horizontal
12	10738.1369	150	63	-46.71	-13.00	33.71	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	50.5681	150	38	-65.44	-13.00	52.44	Pass	Vertical
2	140.0200	150	258	-76.54	-13.00	63.54	Pass	Vertical
3	208.9038	150	218	-70.83	-13.00	57.83	Pass	Vertical
4	687.5975	150	170	-71.30	-13.00	58.30	Pass	Vertical
5	742.5105	150	325	-66.11	-13.00	53.11	Pass	Vertical
6	892.8906	150	100	-68.70	-13.00	55.70	Pass	Vertical
7	1326.2326	150	185	-48.77	-13.00	35.77	Pass	Vertical
8	3710.0000	150	313	-50.96	-13.00	37.96	Pass	Vertical
9	5043.1022	150	172	-48.79	-13.00	35.79	Pass	Vertical
10	5565.0000	150	99	-52.06	-13.00	39.06	Pass	Vertical
11	7420.0000	150	256	-49.95	-13.00	36.95	Pass	Vertical
12	9144.3072	150	57	-44.66	-13.00	31.66	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	62.5985	150	267	-80.51	-13.00	67.51	Pass	Horizontal
2	149.9160	150	203	-84.14	-13.00	71.14	Pass	Horizontal
3	311.1622	150	324	-81.98	-13.00	68.98	Pass	Horizontal
4	421.9584	150	3	-79.47	-13.00	66.47	Pass	Horizontal
5	539.9340	150	116	-78.78	-13.00	65.78	Pass	Horizontal
6	813.1406	150	3	-74.53	-13.00	61.53	Pass	Horizontal
7	1167.0167	150	338	-49.18	-13.00	36.18	Pass	Horizontal
8	2928.1928	150	338	-45.38	-13.00	32.38	Pass	Horizontal
9	3760.0000	150	3	-49.08	-13.00	36.08	Pass	Horizontal
10	5640.0000	150	87	-48.95	-13.00	35.95	Pass	Horizontal
11	7520.0000	150	87	-46.28	-13.00	33.28	Pass	Horizontal
12	10798.8899	150	190	-46.24	-13.00	33.24	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.7920	150	168	-66.97	-13.00	53.97	Pass	Vertical
2	129.9300	150	168	-80.29	-13.00	67.29	Pass	Vertical
3	270.0260	150	269	-80.48	-13.00	67.48	Pass	Vertical
4	380.0460	150	183	-79.98	-13.00	66.98	Pass	Vertical
5	568.8458	150	196	-76.13	-13.00	63.13	Pass	Vertical
6	787.3335	150	332	-71.36	-13.00	58.36	Pass	Vertical
7	1342.4342	150	332	-48.90	-13.00	35.90	Pass	Vertical
8	2539.7540	150	80	-45.73	-13.00	32.73	Pass	Vertical
9	3760.0000	150	201	-50.26	-13.00	37.26	Pass	Vertical
10	5640.0000	150	246	-49.23	-13.00	36.23	Pass	Vertical
11	7520.0000	150	149	-48.62	-13.00	35.62	Pass	Vertical
12	10529.6265	150	106	-45.45	-13.00	32.45	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	55.8072	150	358	-81.20	-13.00	68.20	Pass	Horizontal
2	120.2280	150	91	-81.95	-13.00	68.95	Pass	Horizontal
3	182.1264	150	91	-84.39	-13.00	71.39	Pass	Horizontal
4	273.1306	150	316	-81.59	-13.00	68.59	Pass	Horizontal
5	501.5143	150	126	-79.69	-13.00	66.69	Pass	Horizontal
6	880.4721	150	104	-74.07	-13.00	61.07	Pass	Horizontal
7	1452.4452	150	126	-50.08	-13.00	37.08	Pass	Horizontal
8	3220.5110	150	102	-47.08	-13.00	34.08	Pass	Horizontal
9	3810.0000	150	291	-50.20	-13.00	37.20	Pass	Horizontal
10	5715.0000	150	170	-51.21	-13.00	38.21	Pass	Horizontal
11	7620.0000	150	125	-47.29	-13.00	34.29	Pass	Horizontal
12	11199.4100	150	125	-47.21	-13.00	34.21	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.8522	150	42	-74.45	-13.00	61.45	Pass	Vertical
2	94.0328	150	330	-78.29	-13.00	65.29	Pass	Vertical
3	129.9300	150	360	-81.60	-13.00	68.60	Pass	Vertical
4	270.0260	150	67	-81.58	-13.00	68.58	Pass	Vertical
5	440.0040	150	175	-78.55	-13.00	65.55	Pass	Vertical
6	861.8444	150	350	-71.58	-13.00	58.58	Pass	Vertical
7	1420.8421	150	123	-49.10	-13.00	36.10	Pass	Vertical
8	3810.0000	150	184	-48.12	-13.00	35.12	Pass	Vertical
9	5715.0000	150	37	-51.07	-13.00	38.07	Pass	Vertical
10	7620.0000	150	142	-46.71	-13.00	33.71	Pass	Vertical
11	10798.8899	150	0	-45.49	-13.00	32.49	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	61.4343	150	282	-81.17	-13.00	68.17	Pass	Horizontal
2	171.2603	150	337	-85.48	-13.00	72.48	Pass	Horizontal
3	360.0600	150	212	-80.12	-13.00	67.12	Pass	Horizontal
4	464.8410	150	186	-79.53	-13.00	66.53	Pass	Horizontal
5	577.1894	150	349	-77.46	-13.00	64.46	Pass	Horizontal
6	975.9392	150	360	-71.69	-13.00	58.69	Pass	Horizontal
7	1229.0229	150	294	-49.62	-13.00	36.62	Pass	Horizontal
8	3715.0000	150	138	-49.27	-13.00	36.27	Pass	Horizontal
9	4665.8333	150	205	-49.31	-13.00	36.31	Pass	Horizontal
10	5572.5000	150	344	-51.96	-13.00	38.96	Pass	Horizontal
11	7430.0000	150	138	-48.62	-13.00	35.62	Pass	Horizontal
12	10690.1345	150	112	-46.86	-13.00	33.86	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	43.1946	150	199	-71.41	-13.00	58.41	Pass	Vertical
2	62.4045	150	113	-75.51	-13.00	62.51	Pass	Vertical
3	101.0182	150	360	-79.36	-13.00	66.36	Pass	Vertical
4	329.9840	150	313	-79.27	-13.00	66.27	Pass	Vertical
5	600.0860	150	301	-76.21	-13.00	63.21	Pass	Vertical
6	828.4697	150	256	-71.99	-13.00	58.99	Pass	Vertical
7	1195.6196	150	21	-49.39	-13.00	36.39	Pass	Vertical
8	3715.0000	150	326	-50.10	-13.00	37.10	Pass	Vertical
9	4643.3322	150	214	-48.92	-13.00	35.92	Pass	Vertical
10	5572.5000	150	2	-50.90	-13.00	37.90	Pass	Vertical
11	7430.0000	150	124	-50.52	-13.00	37.52	Pass	Vertical
12	10648.8824	150	326	-46.51	-13.00	33.51	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	71.9124	150	108	-83.45	-13.00	70.45	Pass	Horizontal
2	174.3649	150	135	-83.62	-13.00	70.62	Pass	Horizontal
3	233.5467	150	265	-84.63	-13.00	71.63	Pass	Horizontal
4	324.1628	150	276	-80.48	-13.00	67.48	Pass	Horizontal
5	551.3823	150	13	-78.77	-13.00	65.77	Pass	Horizontal
6	820.3201	150	30	-74.66	-13.00	61.66	Pass	Horizontal
7	1393.2393	150	1	-49.46	-13.00	36.46	Pass	Horizontal
8	2473.5474	150	233	-46.47	-13.00	33.47	Pass	Horizontal
9	3760.0000	150	178	-49.68	-13.00	36.68	Pass	Horizontal
10	5640.0000	150	255	-50.42	-13.00	37.42	Pass	Horizontal
11	7520.0000	150	217	-47.42	-13.00	34.42	Pass	Horizontal
12	10678.1339	150	91	-46.06	-13.00	33.06	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	64.9270	150	219	-76.03	-13.00	63.03	Pass	Vertical
2	170.0960	150	195	-81.96	-13.00	68.96	Pass	Vertical
3	335.8052	150	280	-80.20	-13.00	67.20	Pass	Vertical
4	467.7516	150	166	-78.17	-13.00	65.17	Pass	Vertical
5	581.4583	150	101	-76.62	-13.00	63.62	Pass	Vertical
6	831.1862	150	56	-71.83	-13.00	58.83	Pass	Vertical
7	1455.6456	150	166	-49.32	-13.00	36.32	Pass	Vertical
8	2566.9567	150	56	-46.36	-13.00	33.36	Pass	Vertical
9	3760.0000	150	32	-48.88	-13.00	35.88	Pass	Vertical
10	5640.0000	150	275	-49.87	-13.00	36.87	Pass	Vertical
11	7520.0000	150	254	-47.80	-13.00	34.80	Pass	Vertical
12	10394.6197	150	100	-45.82	-13.00	32.82	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	57.5535	150	168	-80.80	-13.00	67.80	Pass	Horizontal
2	96.5553	150	261	-81.87	-13.00	68.87	Pass	Horizontal
3	172.0364	150	261	-85.13	-13.00	72.13	Pass	Horizontal
4	314.2669	150	279	-81.86	-13.00	68.86	Pass	Horizontal
5	460.9602	150	26	-80.01	-13.00	67.01	Pass	Horizontal
6	800.5281	150	26	-75.53	-13.00	62.53	Pass	Horizontal
7	1450.8451	150	26	-49.47	-13.00	36.47	Pass	Horizontal
8	2540.3540	150	59	-46.82	-13.00	33.82	Pass	Horizontal
9	3805.0000	150	340	-48.86	-13.00	35.86	Pass	Horizontal
10	5707.5000	150	156	-50.77	-13.00	37.77	Pass	Horizontal
11	7610.0000	150	4	-47.27	-13.00	34.27	Pass	Horizontal
12	10586.6293	150	46	-46.85	-13.00	33.85	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	43.0006	150	228	-72.21	-13.00	59.21	Pass	Vertical
2	92.6745	150	360	-79.31	-13.00	66.31	Pass	Vertical
3	169.9020	150	2	-81.88	-13.00	68.88	Pass	Vertical
4	346.6713	150	267	-80.45	-13.00	67.45	Pass	Vertical
5	529.0678	150	321	-78.16	-13.00	65.16	Pass	Vertical
6	838.7538	150	23	-71.09	-13.00	58.09	Pass	Vertical
7	1404.0404	150	113	-48.82	-13.00	35.82	Pass	Vertical
8	2441.3441	150	360	-45.98	-13.00	32.98	Pass	Vertical
9	3805.0000	150	107	-48.75	-13.00	35.75	Pass	Vertical
10	5707.5000	150	5	-49.18	-13.00	36.18	Pass	Vertical
11	7610.0000	150	265	-47.75	-13.00	34.75	Pass	Vertical
12	11066.6533	150	223	-47.47	-13.00	34.47	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	57.3595	150	66	-80.98	-13.00	67.98	Pass	Horizontal
2	176.1112	150	81	-84.49	-13.00	71.49	Pass	Horizontal
3	250.0400	150	108	-82.86	-13.00	69.86	Pass	Horizontal
4	424.0928	150	108	-79.04	-13.00	66.04	Pass	Horizontal
5	577.3835	150	8	-77.67	-13.00	64.67	Pass	Horizontal
6	783.6467	150	37	-74.26	-13.00	61.26	Pass	Horizontal
7	1484.0484	150	23	-49.99	-13.00	36.99	Pass	Horizontal
8	2681.9682	150	97	-45.61	-13.00	32.61	Pass	Horizontal
9	3720.0000	150	293	-49.41	-13.00	36.41	Pass	Horizontal
10	5580.0000	150	60	-48.73	-13.00	35.73	Pass	Horizontal
11	7440.0000	150	20	-49.64	-13.00	36.64	Pass	Horizontal
12	9207.3104	150	275	-44.70	-13.00	31.70	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	59.4939	150	316	-74.73	-13.00	61.73	Pass	Vertical
2	164.8570	150	59	-81.87	-13.00	68.87	Pass	Vertical
3	250.0400	150	172	-82.61	-13.00	69.61	Pass	Vertical
4	381.5983	150	305	-81.16	-13.00	68.16	Pass	Vertical
5	519.9480	150	253	-78.81	-13.00	65.81	Pass	Vertical
6	838.5597	150	316	-72.38	-13.00	59.38	Pass	Vertical
7	1542.6543	150	305	-50.08	-13.00	37.08	Pass	Vertical
8	3288.0144	150	143	-47.74	-13.00	34.74	Pass	Vertical
9	3720.0000	150	310	-49.71	-13.00	36.71	Pass	Vertical
10	5580.0000	150	0	-53.11	-13.00	40.11	Pass	Vertical
11	7440.0000	150	161	-50.75	-13.00	37.75	Pass	Vertical
12	10414.1207	150	268	-45.95	-13.00	32.95	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.0158	150	145	-80.36	-13.00	67.36	Pass	Horizontal
2	89.1818	150	4	-81.25	-13.00	68.25	Pass	Horizontal
3	170.8722	150	4	-84.69	-13.00	71.69	Pass	Horizontal
4	306.8934	150	114	-81.53	-13.00	68.53	Pass	Horizontal
5	568.8458	150	272	-78.50	-13.00	65.50	Pass	Horizontal
6	931.8924	150	252	-72.61	-13.00	59.61	Pass	Horizontal
7	1559.4559	150	4	-50.00	-13.00	37.00	Pass	Horizontal
8	2439.7440	150	360	-46.35	-13.00	33.35	Pass	Horizontal
9	3760.0000	150	57	-50.02	-13.00	37.02	Pass	Horizontal
10	5640.0000	150	39	-48.99	-13.00	35.99	Pass	Horizontal
11	7520.0000	150	306	-47.02	-13.00	34.02	Pass	Horizontal
12	11763.4382	150	246	-46.76	-13.00	33.76	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	42.8066	150	118	-71.91	-13.00	58.91	Pass	Vertical
2	116.5413	150	204	-81.19	-13.00	68.19	Pass	Vertical
3	270.0260	150	34	-81.66	-13.00	68.66	Pass	Vertical
4	339.6859	150	291	-80.58	-13.00	67.58	Pass	Vertical
5	464.0648	150	87	-78.37	-13.00	65.37	Pass	Vertical
6	834.6789	150	358	-72.06	-13.00	59.06	Pass	Vertical
7	1465.8466	150	159	-49.01	-13.00	36.01	Pass	Vertical
8	2600.9601	150	291	-46.01	-13.00	33.01	Pass	Vertical
9	3760.0000	150	16	-49.99	-13.00	36.99	Pass	Vertical
10	4661.3331	150	279	-49.02	-13.00	36.02	Pass	Vertical
11	5640.0000	150	16	-49.31	-13.00	36.31	Pass	Vertical
12	7520.0000	150	56	-46.30	-13.00	33.30	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	56.0012	150	266	-81.23	-13.00	68.23	Pass	Horizontal
2	90.5401	150	97	-81.47	-13.00	68.47	Pass	Horizontal
3	173.2006	150	141	-84.75	-13.00	71.75	Pass	Horizontal
4	341.8204	150	360	-80.26	-13.00	67.26	Pass	Horizontal
5	542.2625	150	360	-79.26	-13.00	66.26	Pass	Horizontal
6	779.9600	150	97	-75.38	-13.00	62.38	Pass	Horizontal
7	1275.8276	150	360	-48.65	-13.00	35.65	Pass	Horizontal
8	3062.2531	150	265	-45.94	-13.00	32.94	Pass	Horizontal
9	3800.0000	150	221	-48.64	-13.00	35.64	Pass	Horizontal
10	5700.0000	150	181	-49.20	-13.00	36.20	Pass	Horizontal
11	7600.0000	150	356	-47.43	-13.00	34.43	Pass	Horizontal
12	10237.1119	150	28	-46.18	-13.00	33.18	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	63.1806	150	347	-74.95	-13.00	61.95	Pass	Vertical
2	117.5115	150	21	-82.20	-13.00	69.20	Pass	Vertical
3	250.0400	150	91	-82.63	-13.00	69.63	Pass	Vertical
4	360.0600	150	21	-81.59	-13.00	68.59	Pass	Vertical
5	634.8190	150	123	-76.79	-13.00	63.79	Pass	Vertical
6	838.5597	150	347	-71.94	-13.00	58.94	Pass	Vertical
7	1367.0367	150	147	-49.01	-13.00	36.01	Pass	Vertical
8	2547.5548	150	147	-46.17	-13.00	33.17	Pass	Vertical
9	3800.0000	150	121	-50.21	-13.00	37.21	Pass	Vertical
10	5700.0000	150	142	-49.63	-13.00	36.63	Pass	Vertical
11	7600.0000	150	100	-47.02	-13.00	34.02	Pass	Vertical
12	11244.4122	150	121	-47.54	-13.00	34.54	Pass	Vertical

Note:

Scan from 9kHz to 25GHz, the disturbance above 13GHz 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.

PHOTOGRAPHS OF TEST SETUP

Test model No.: IO Pro

Radiated spurious emission Test Setup-1(Below 1GHz)

Radiated spurious emission Test Setup-2(Above 1GHz)

PHOTOGRAPHS OF EUT Constructional Details

Refer to Report No.EED32K00215401 for EUT external and internal photos.

*** End of Report ***