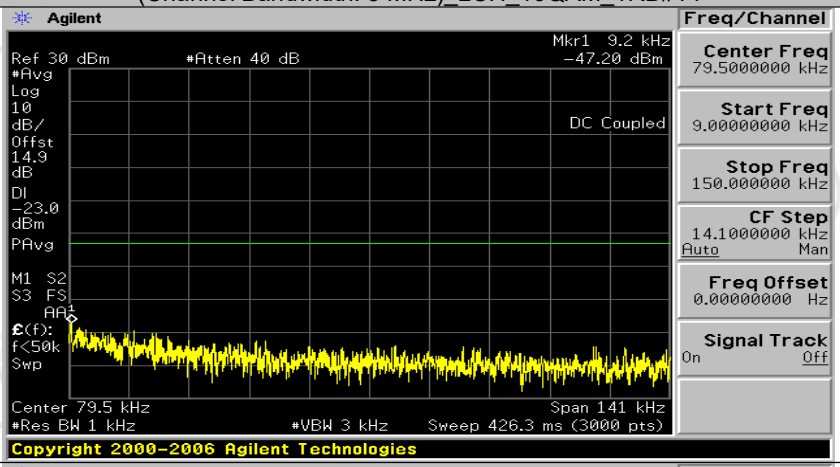
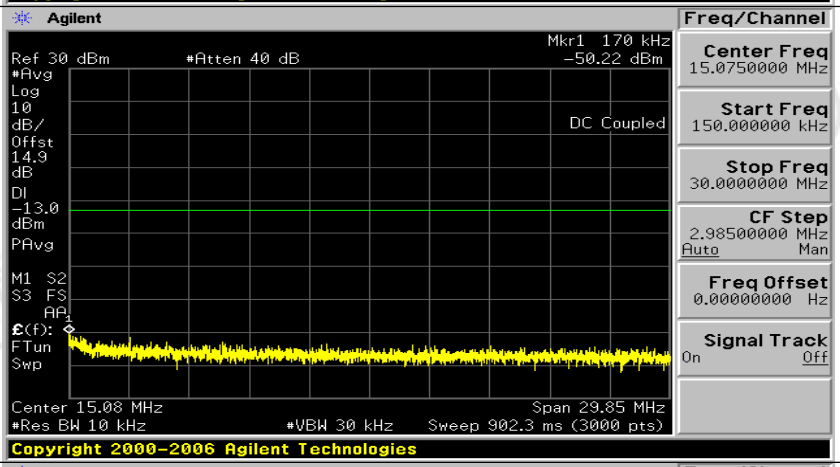
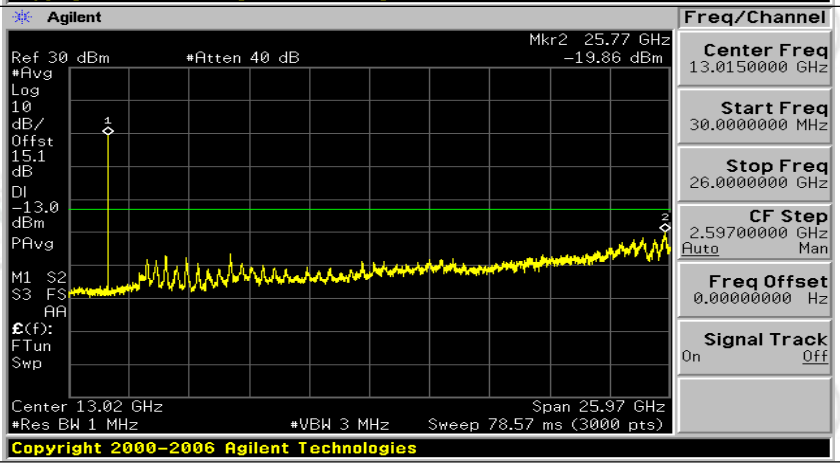
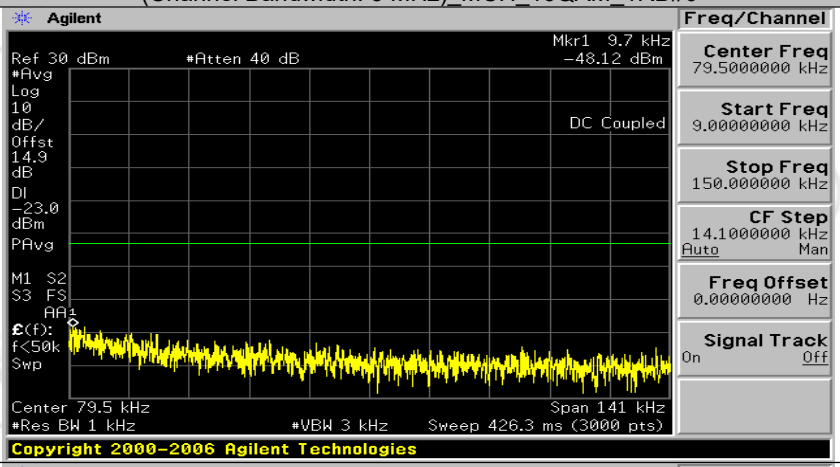
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14

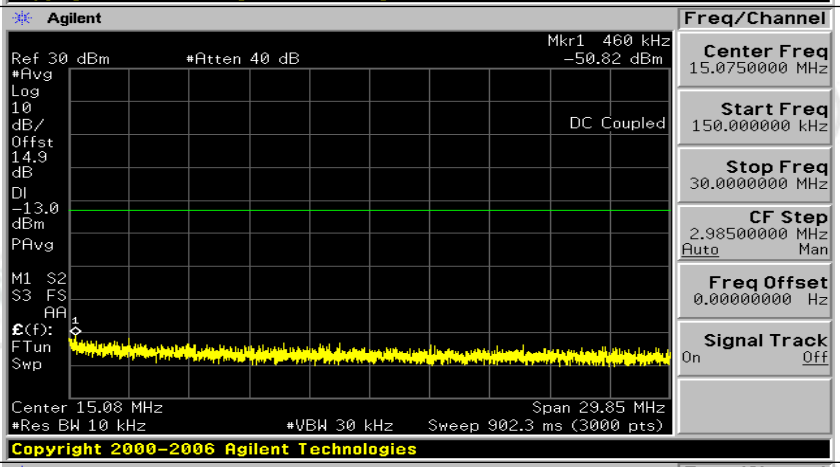


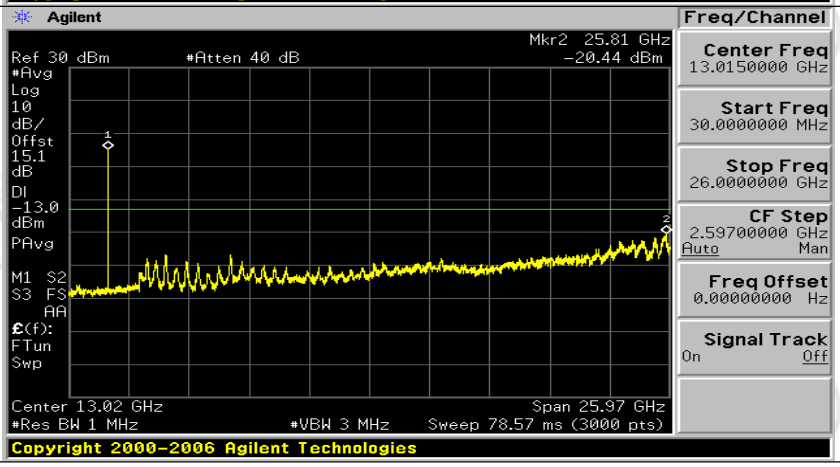




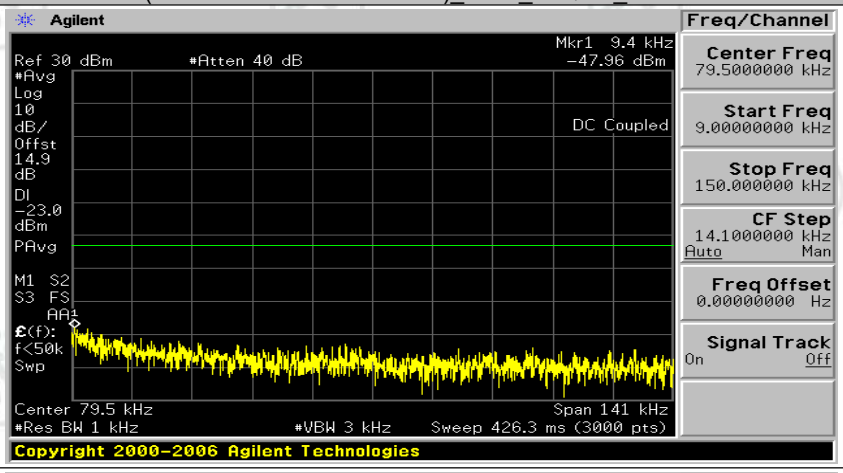
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

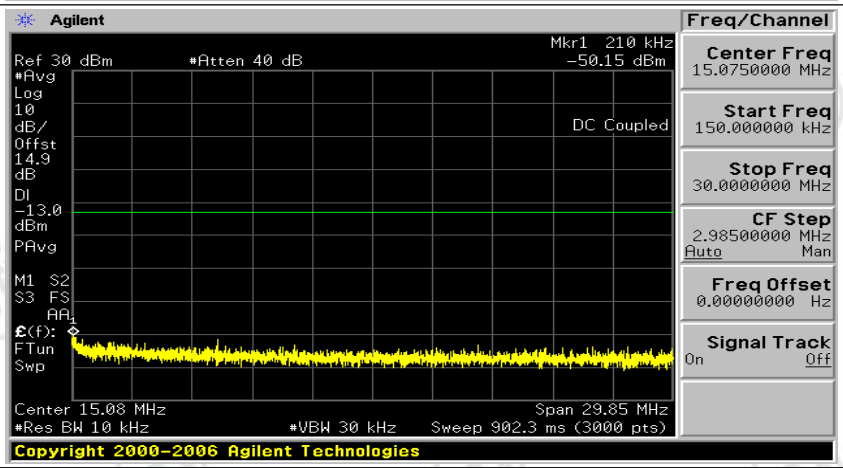


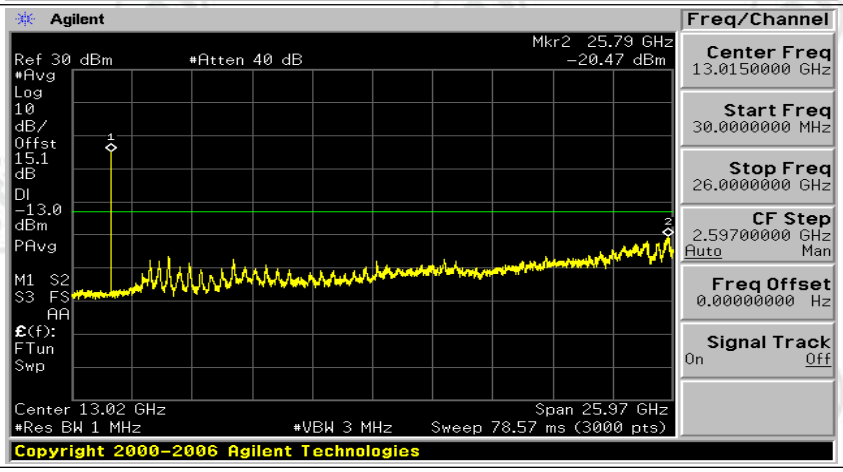




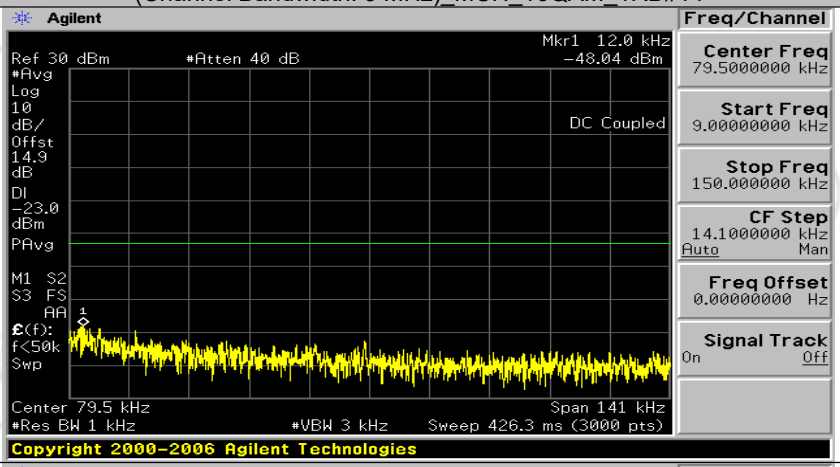
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

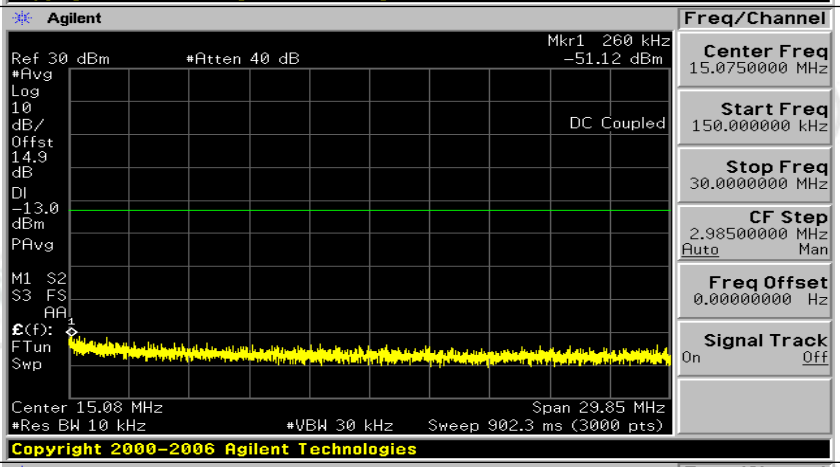


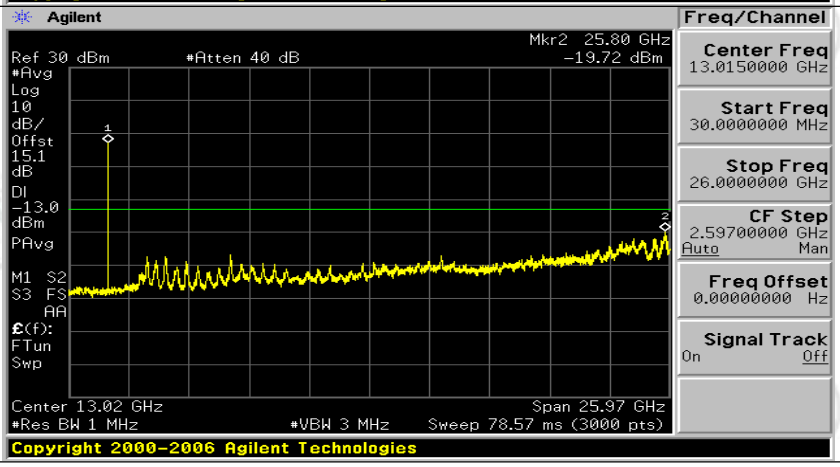




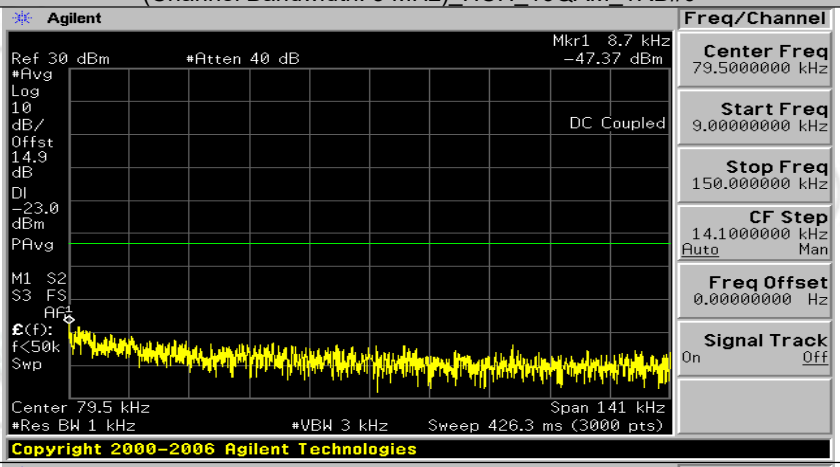
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

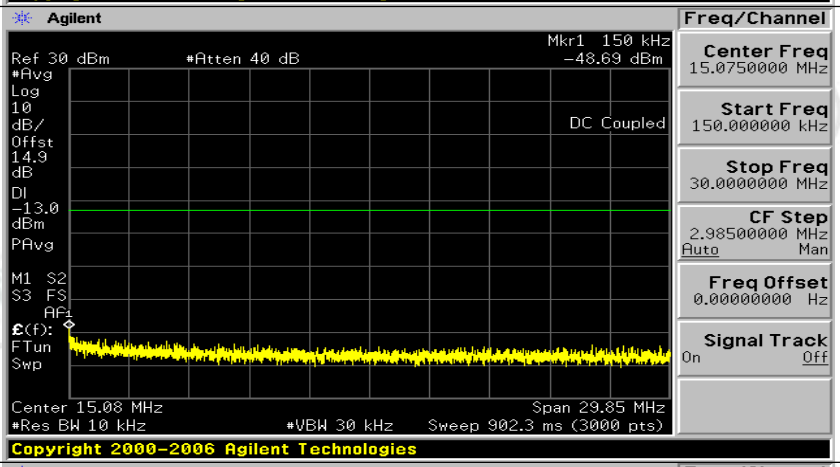


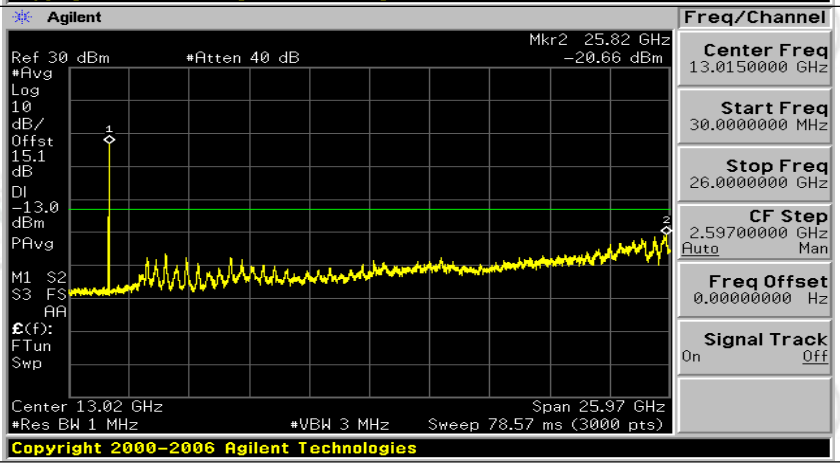




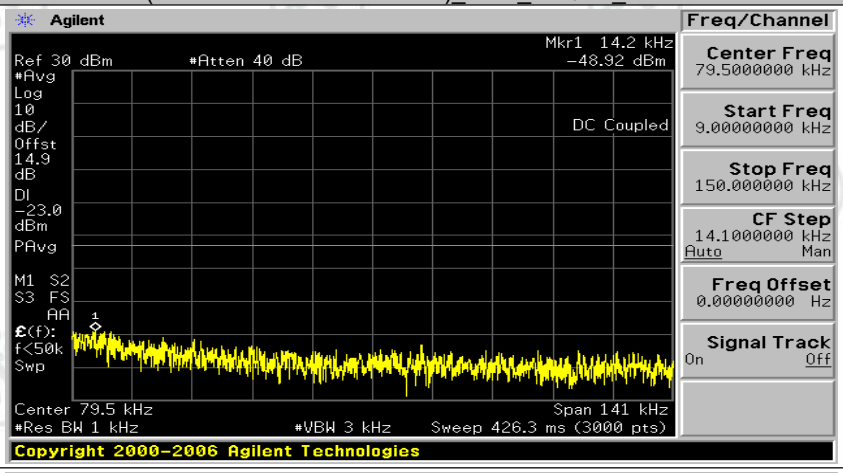
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0

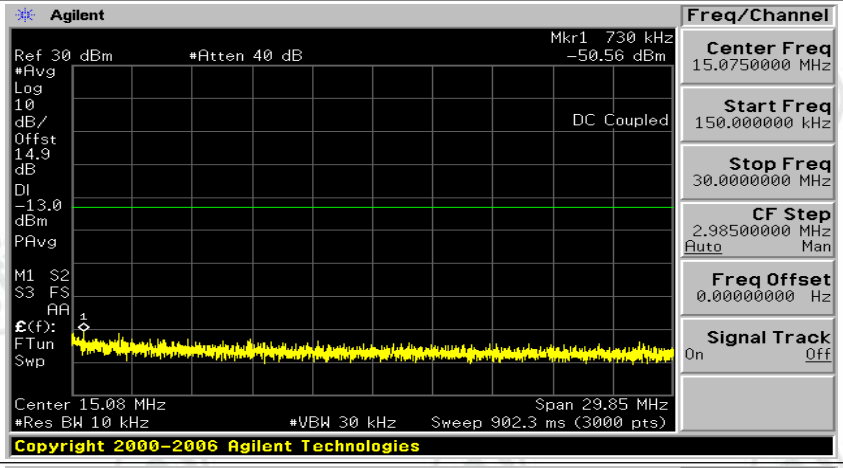


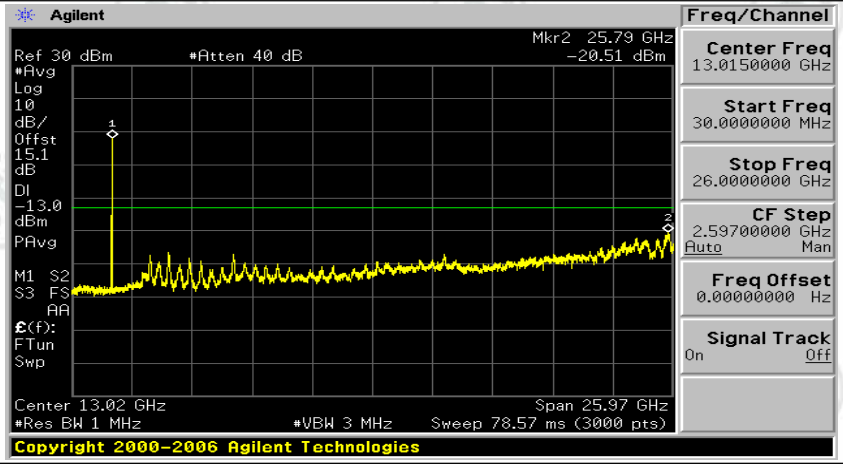




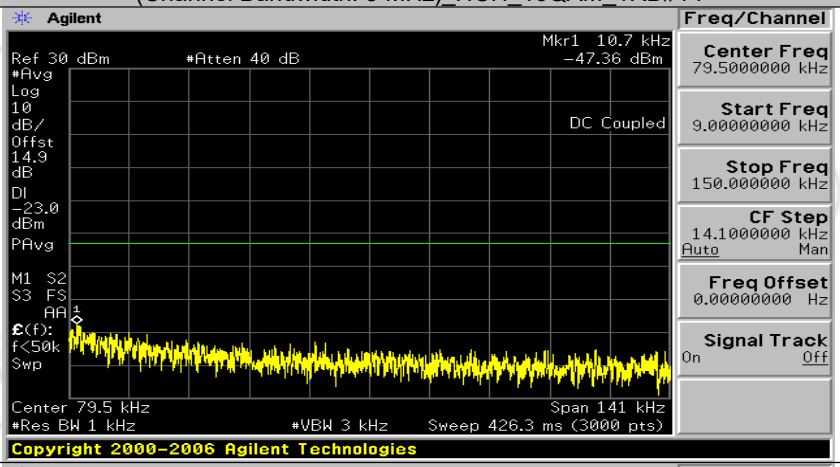
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7

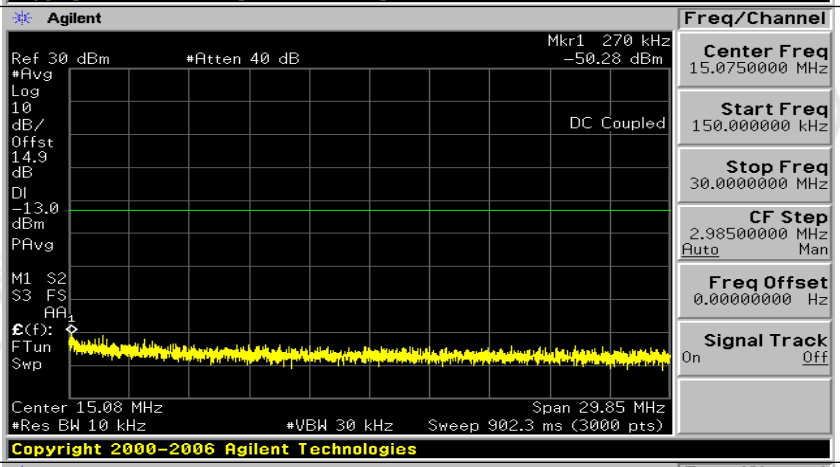


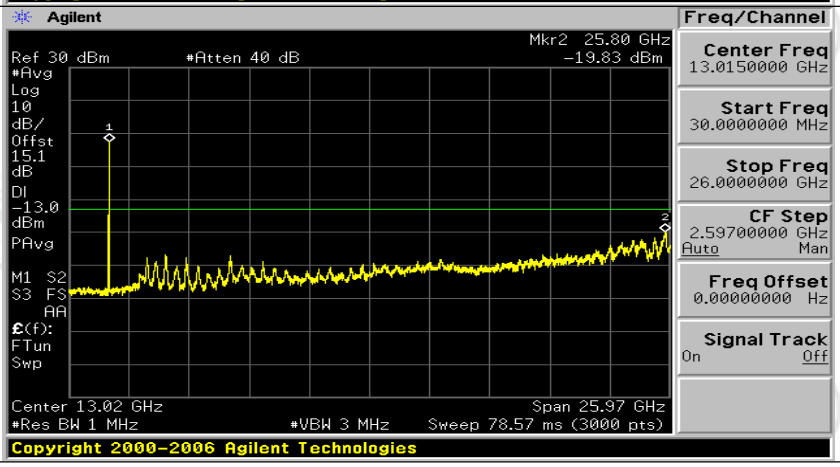




(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14

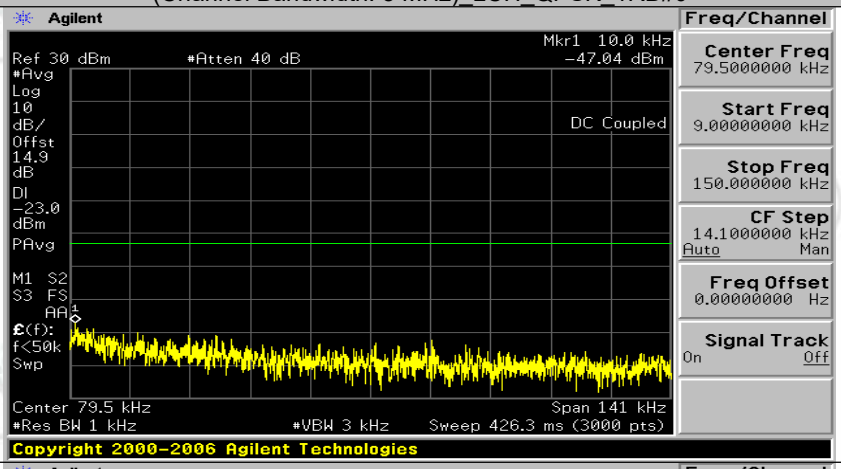


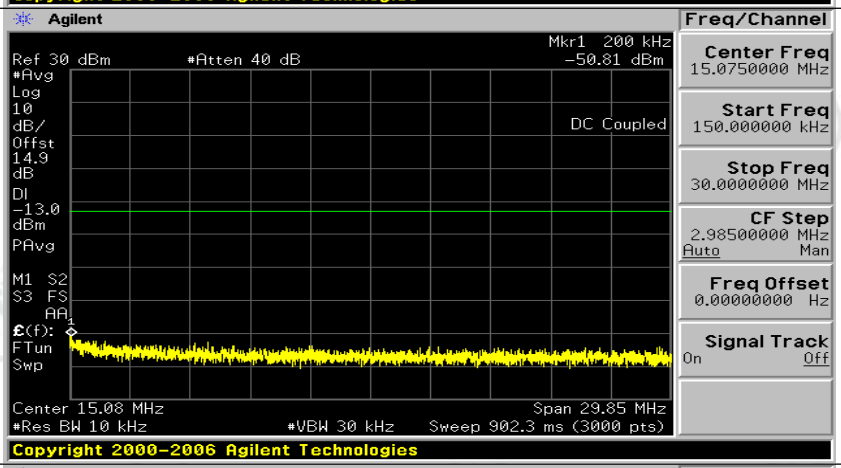


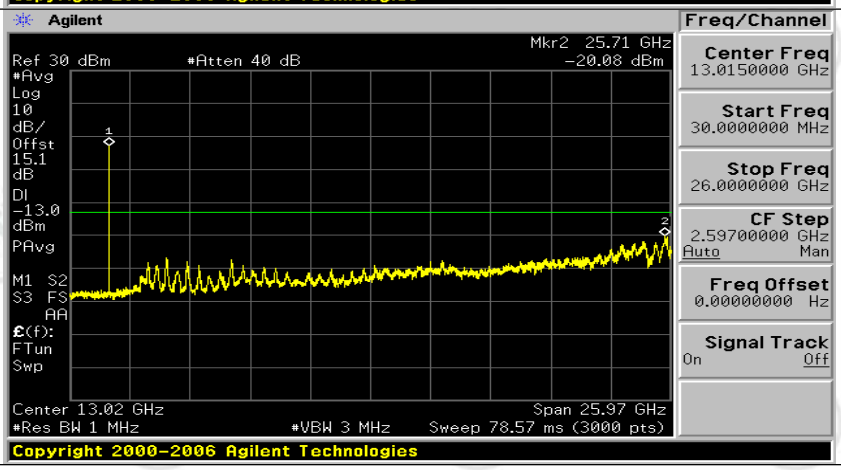


Channel Bandwidth: 5 MHz

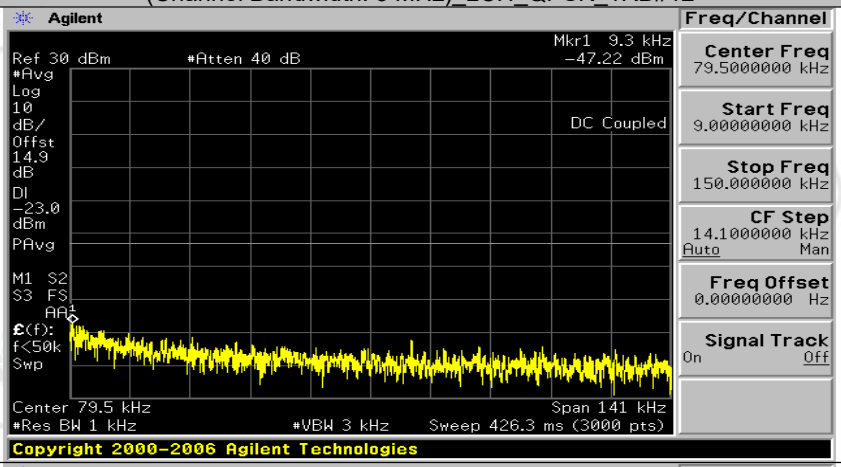
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

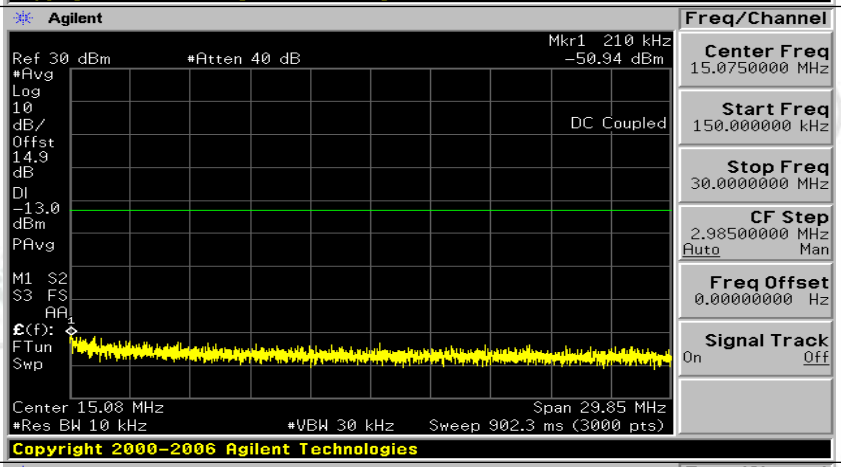


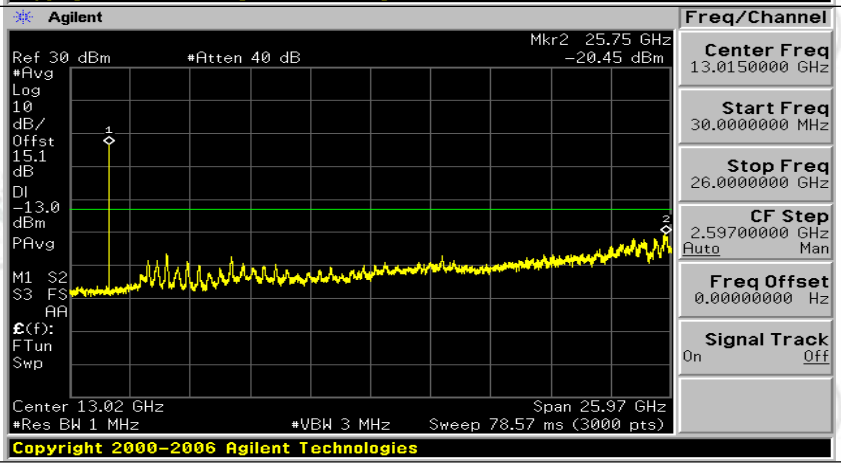




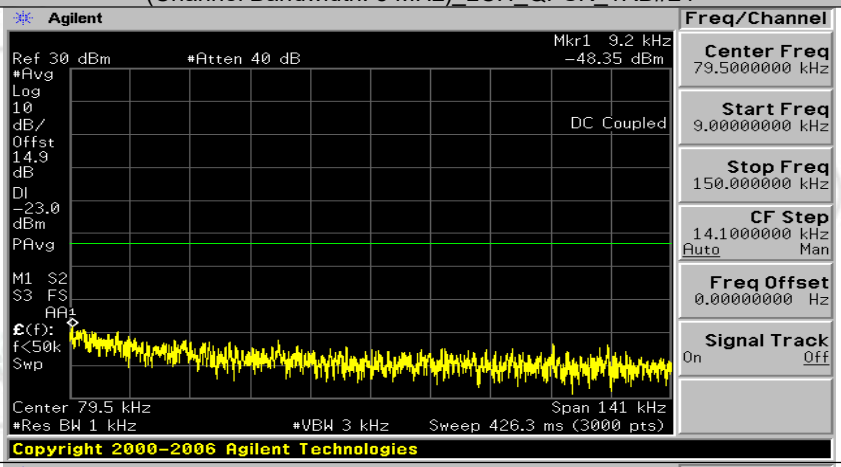
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12

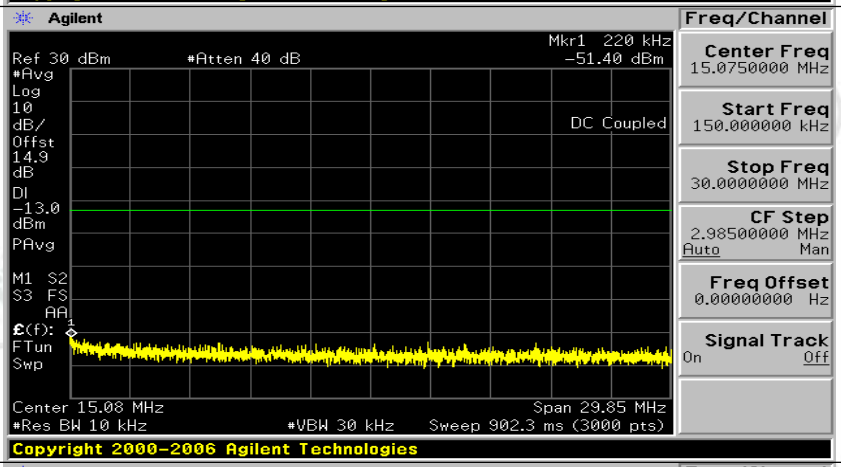


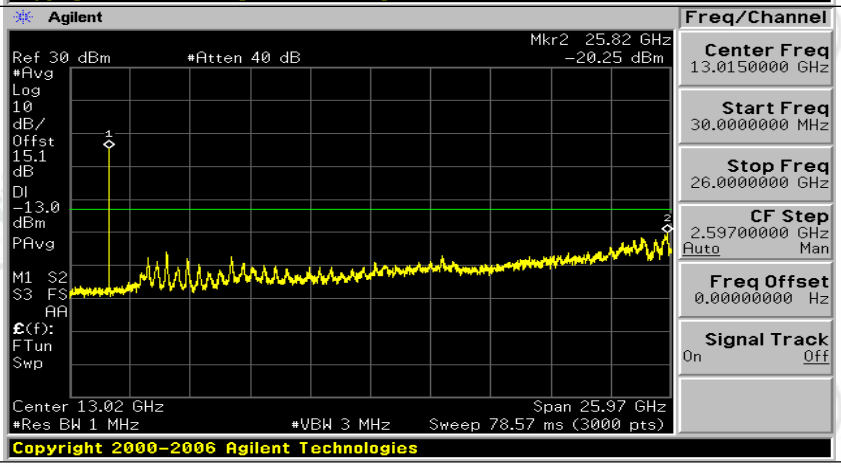




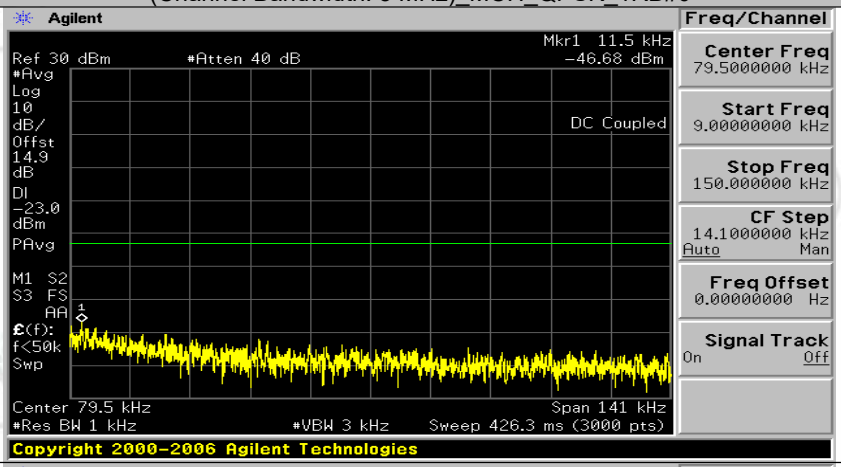
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24

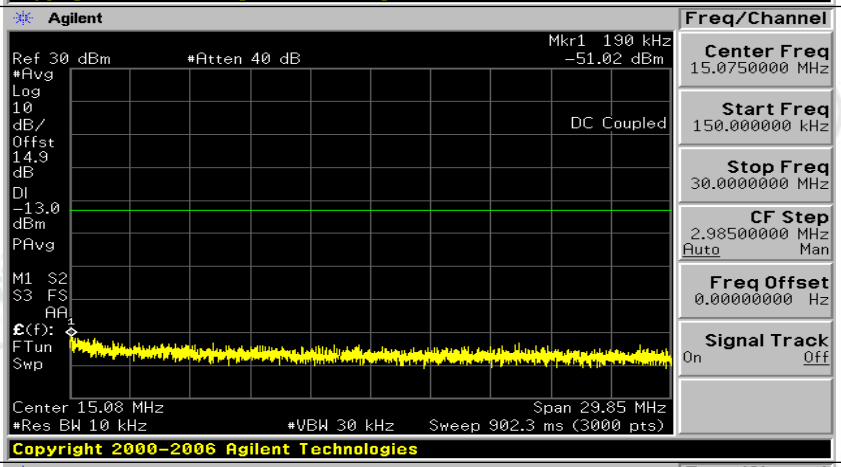


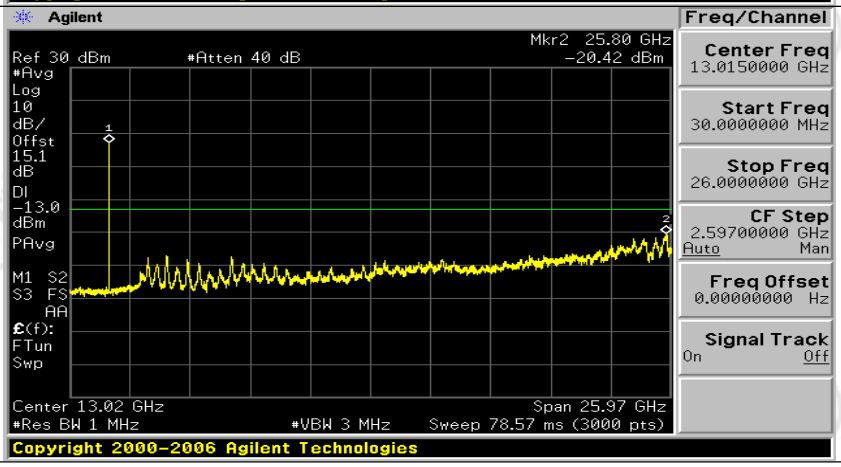




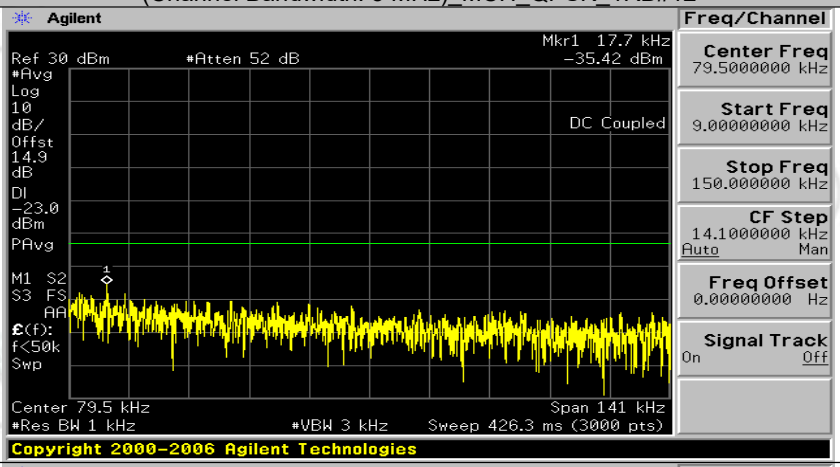
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

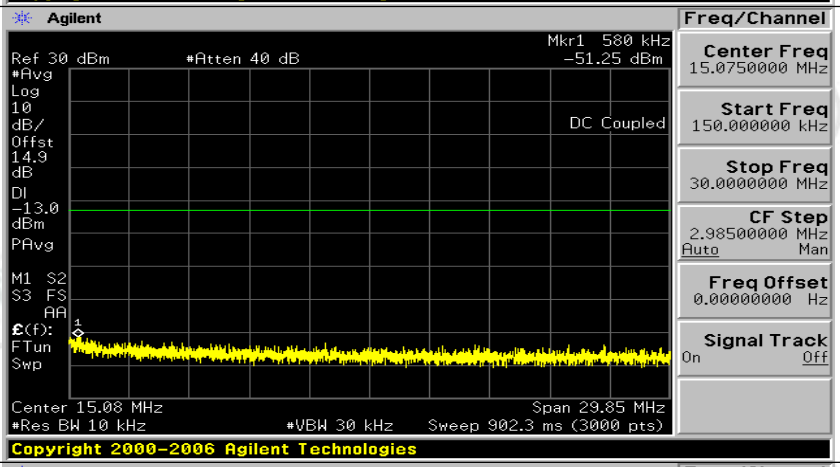


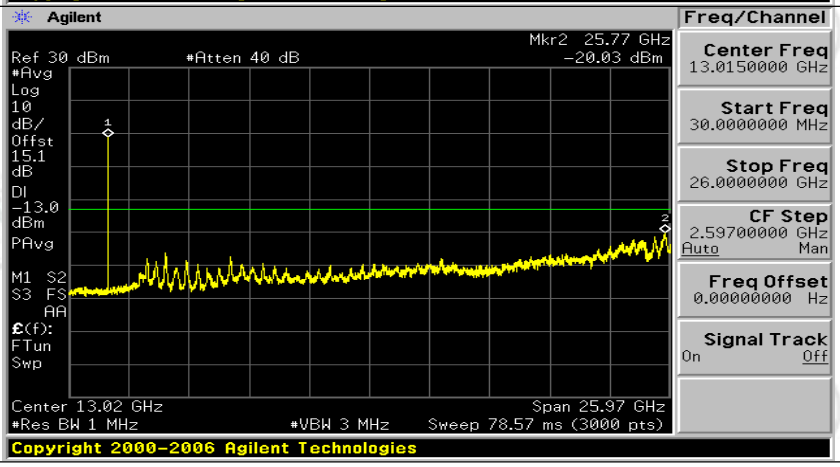




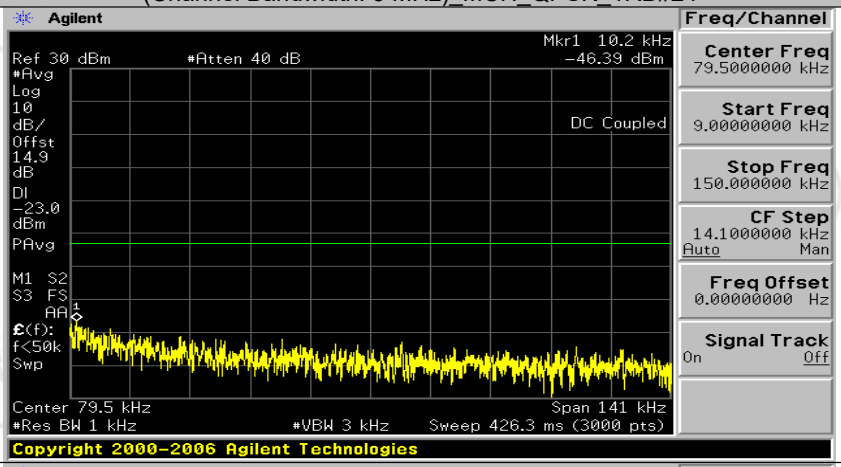
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

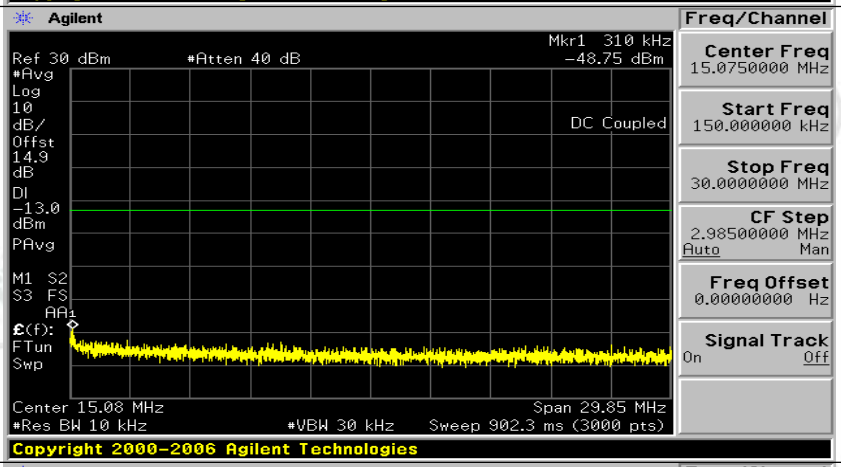


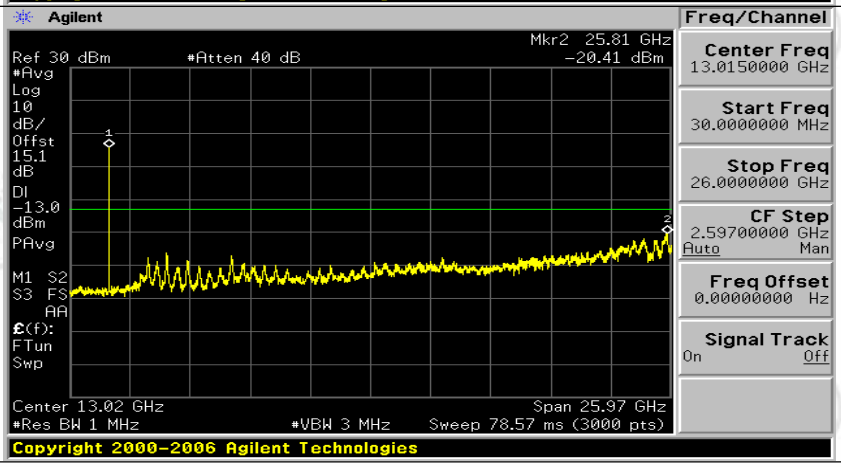




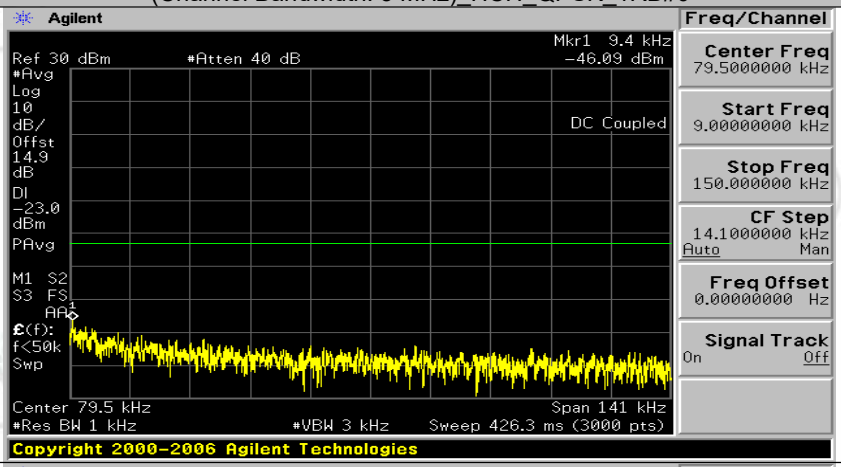
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

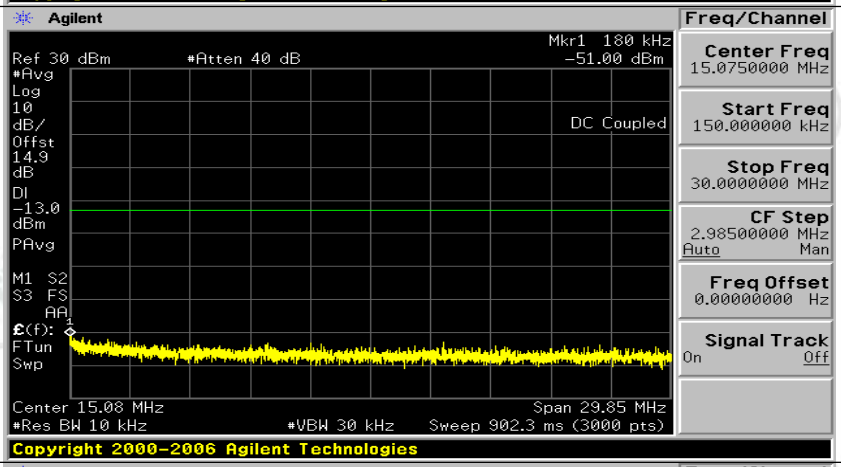


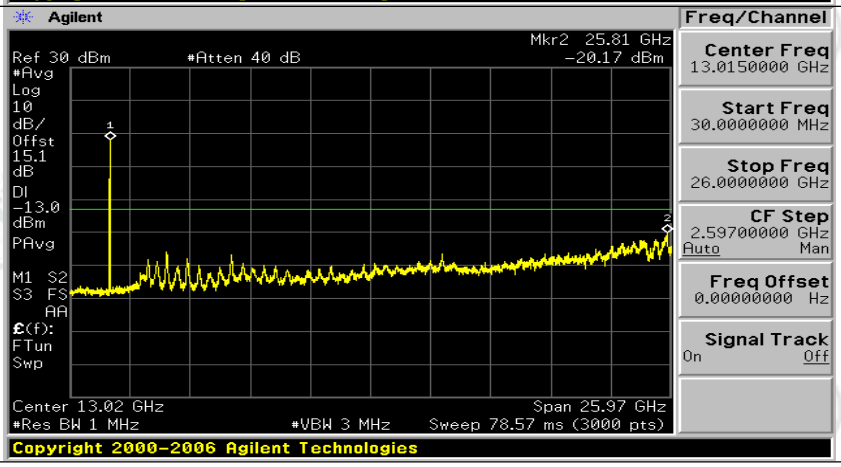




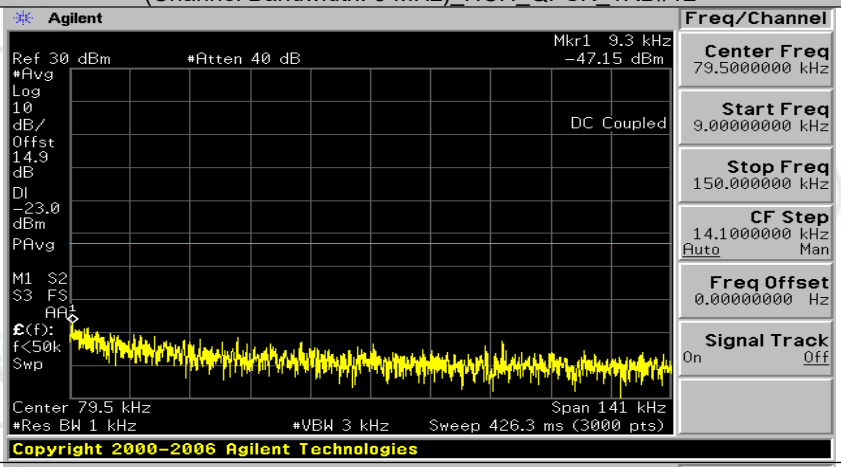
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

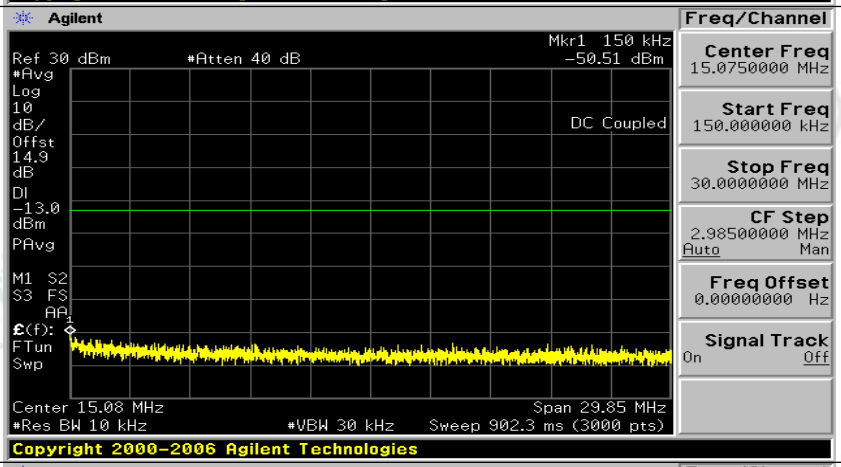


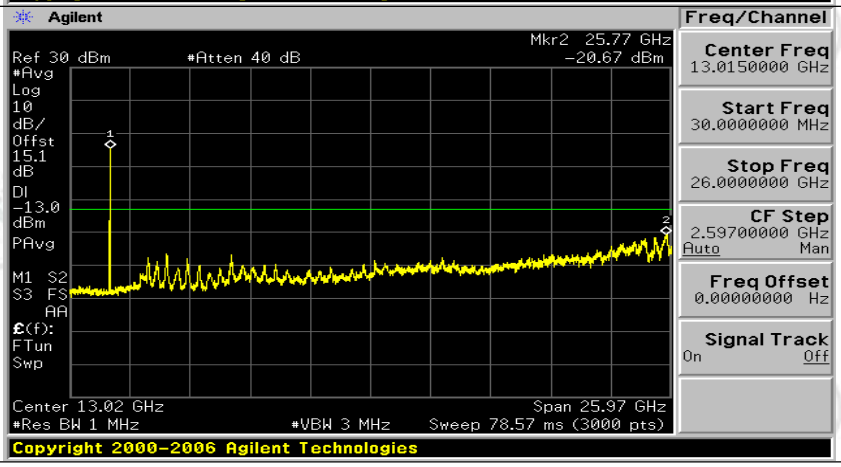




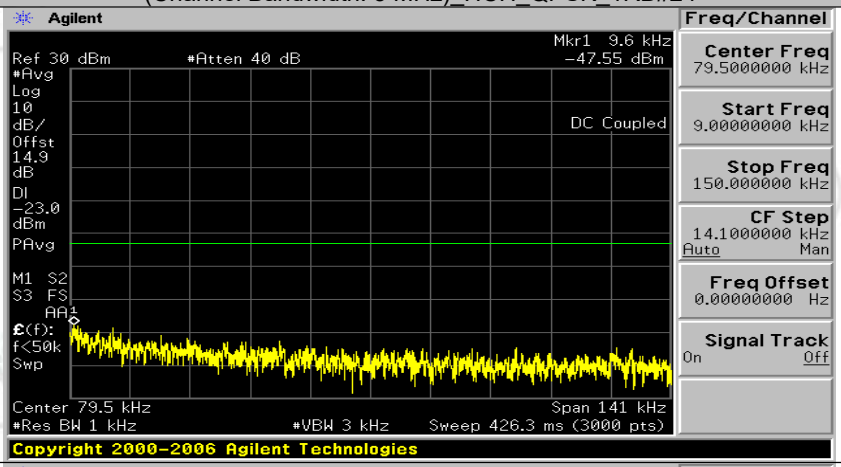
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

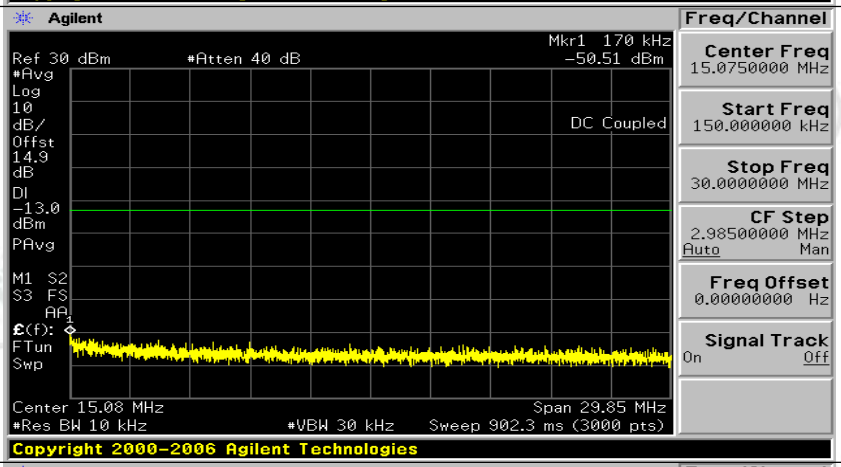


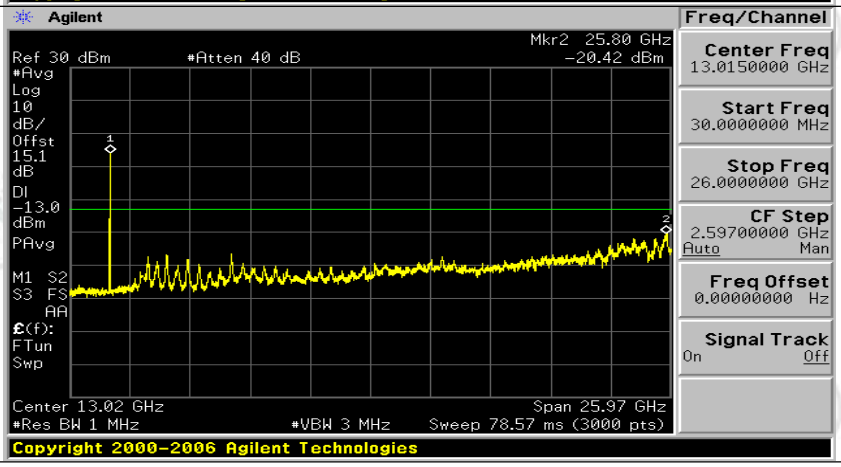




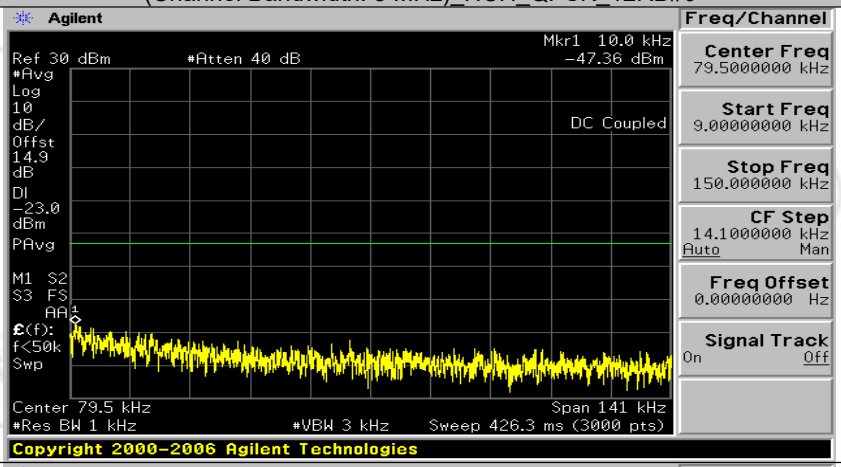
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24

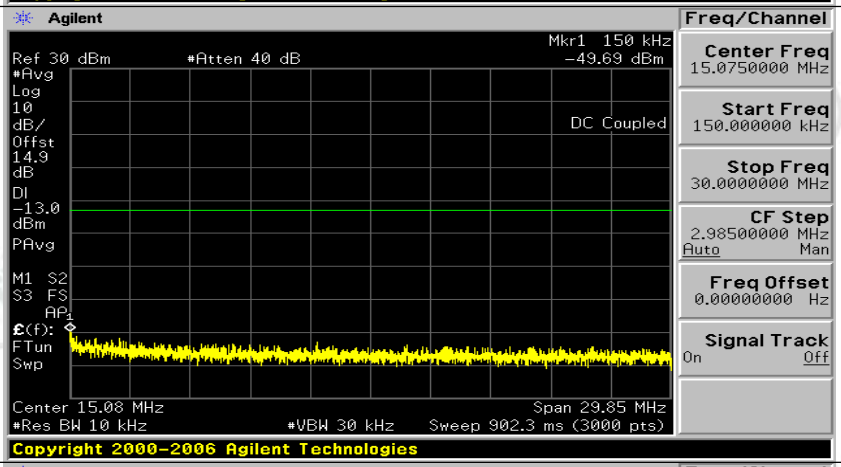


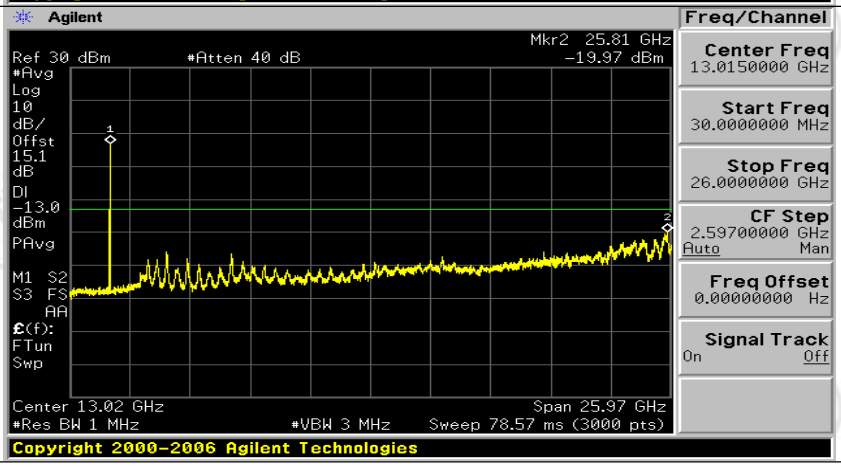




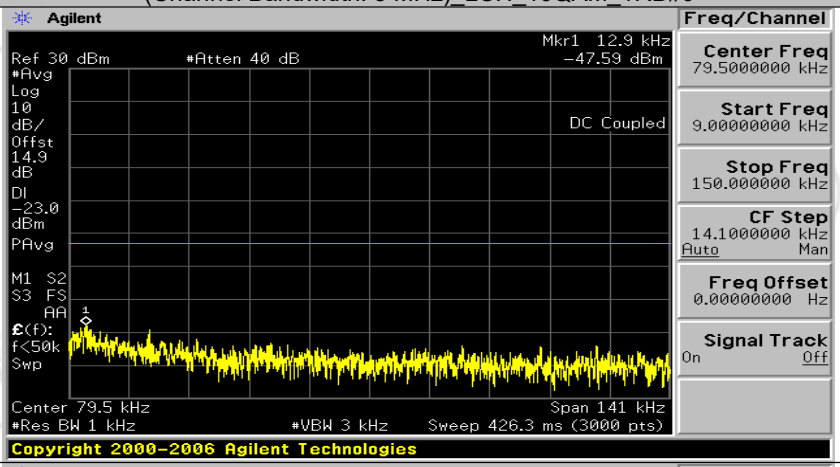
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0

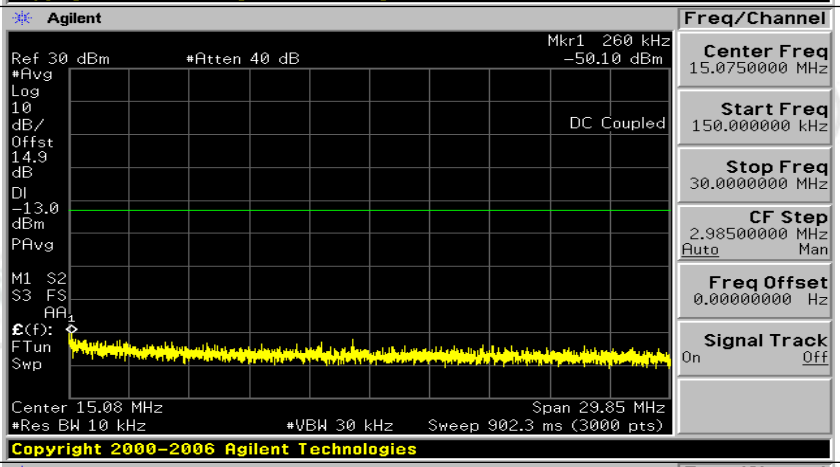


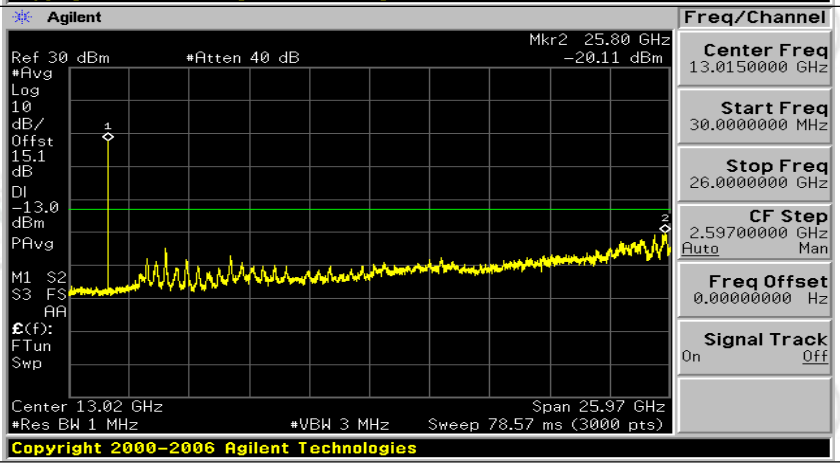




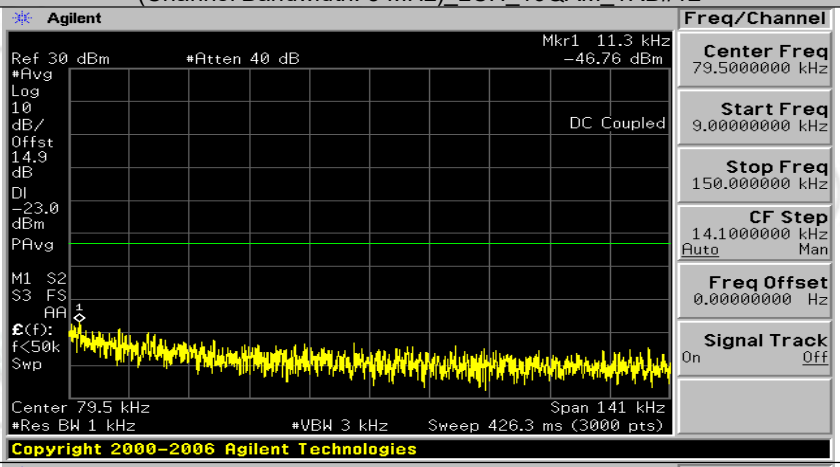
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

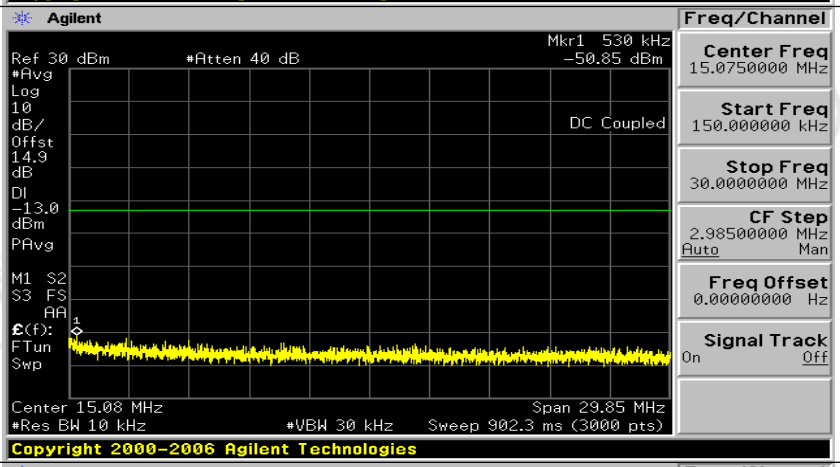


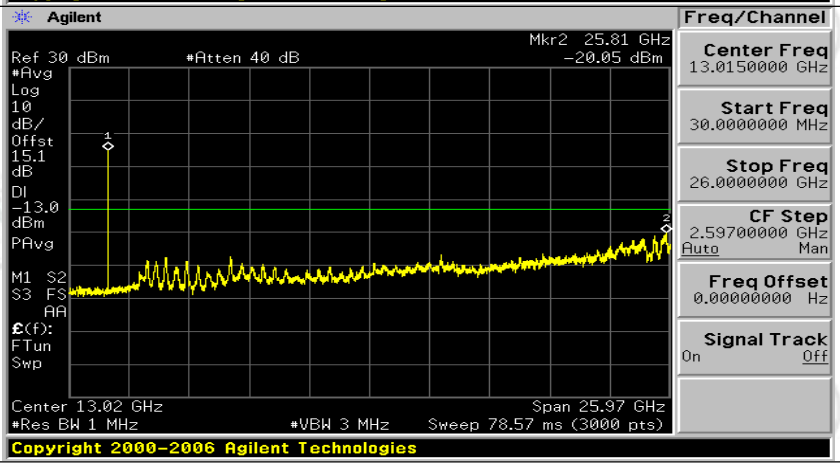




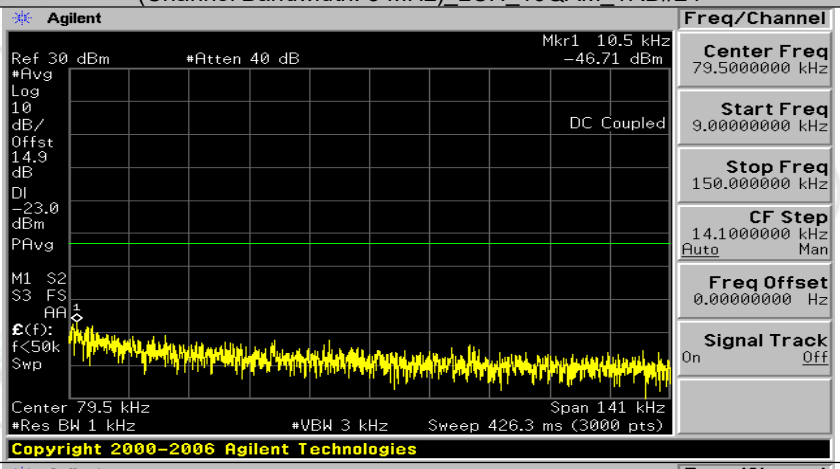
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

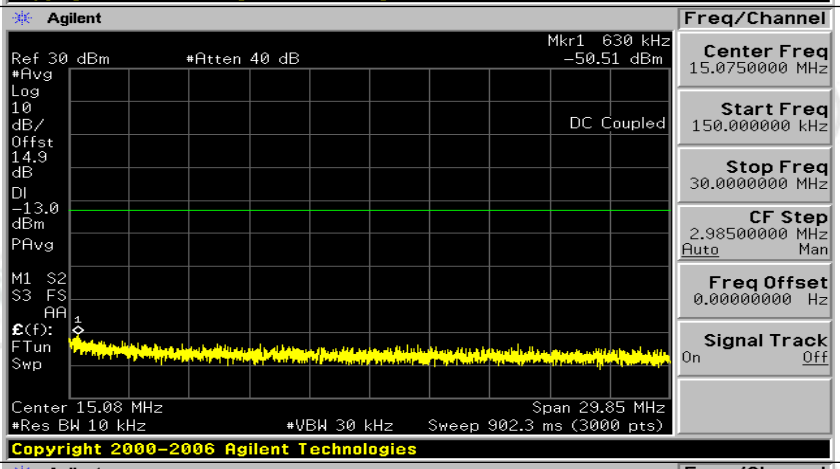


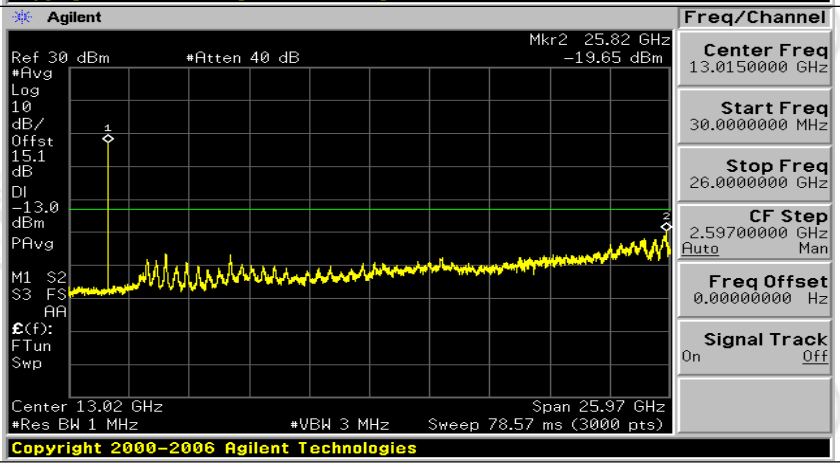




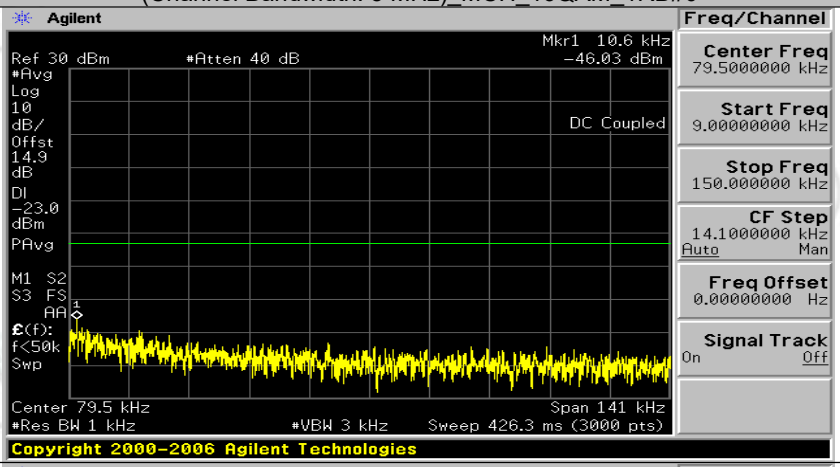
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24

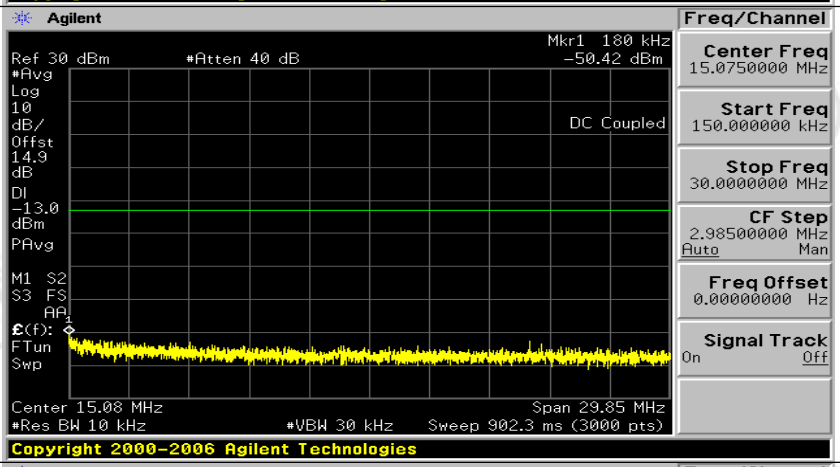


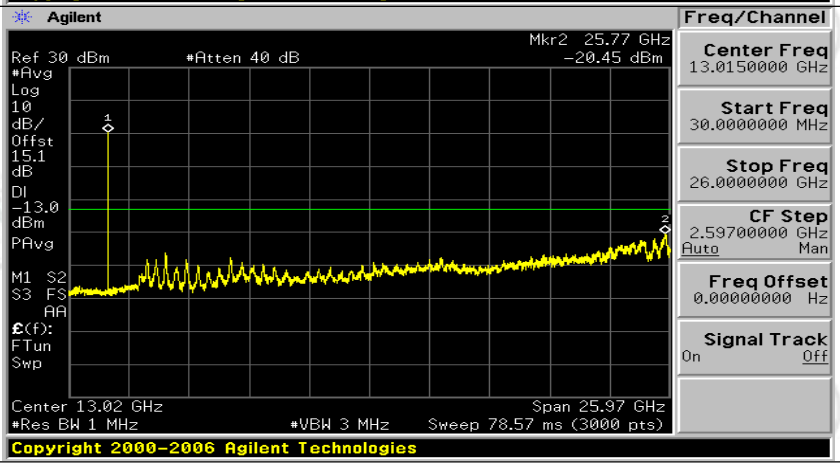




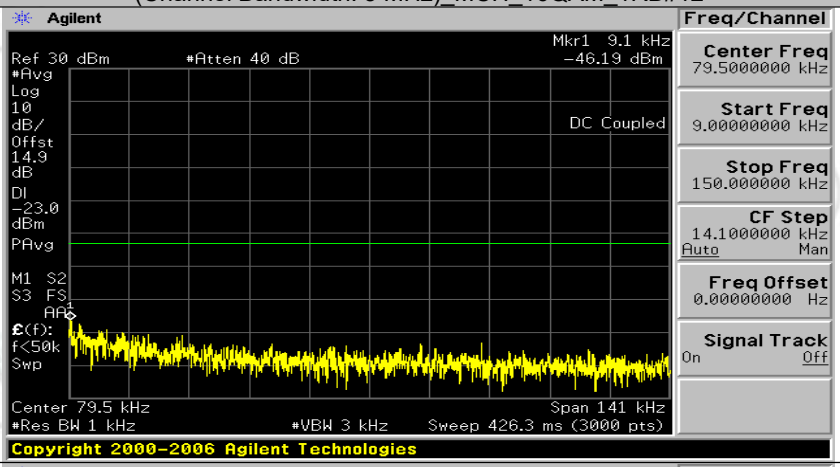
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

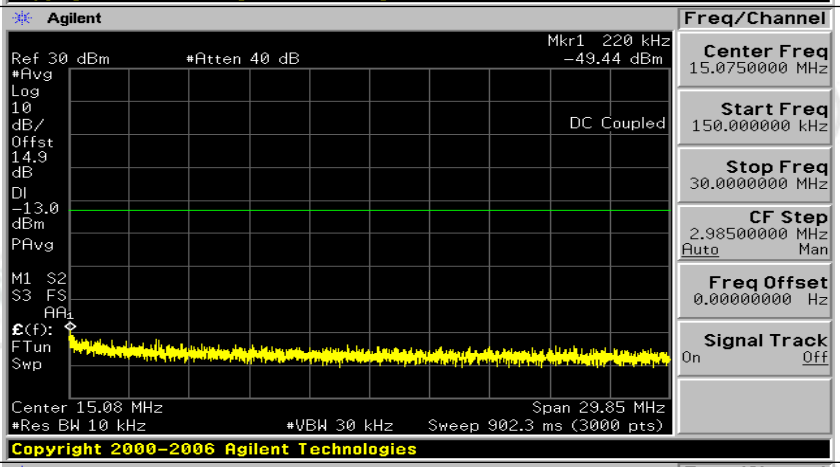


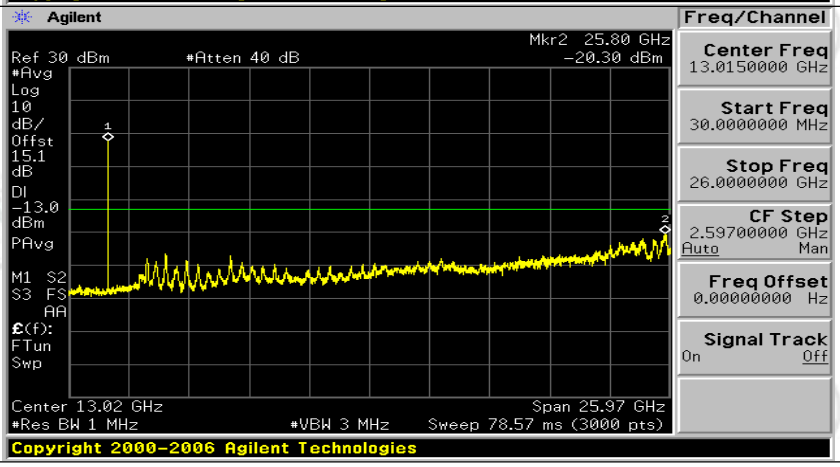




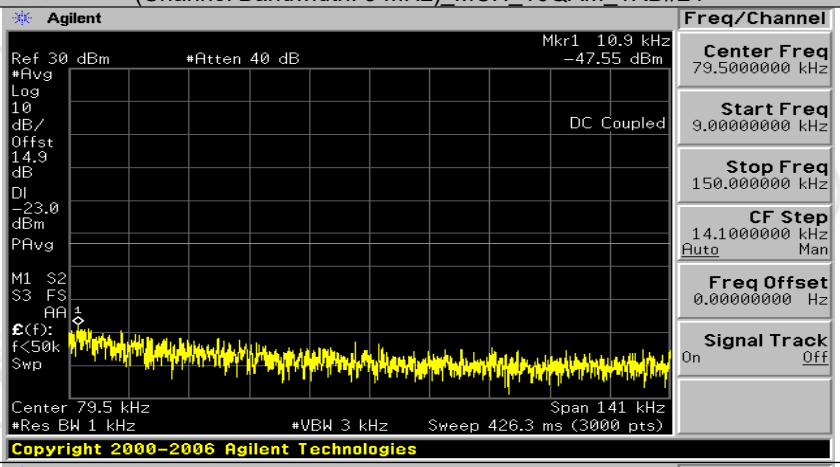
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

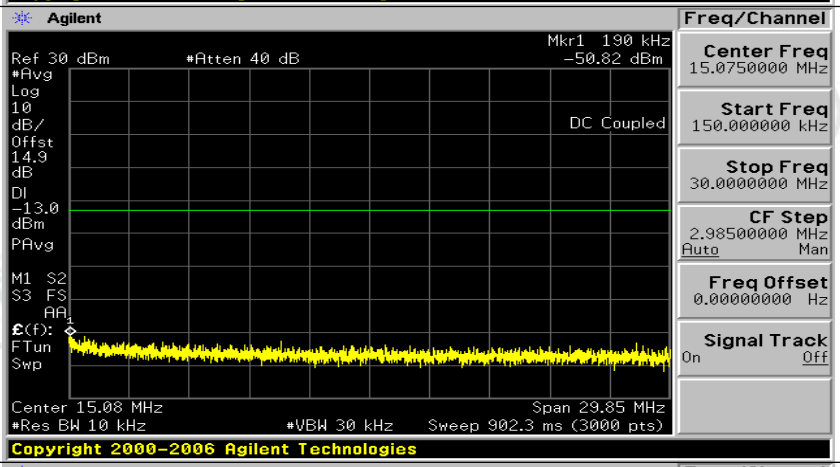


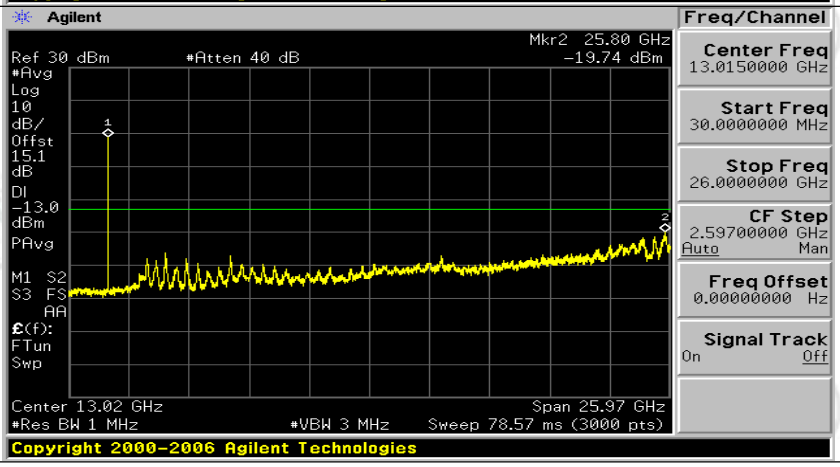




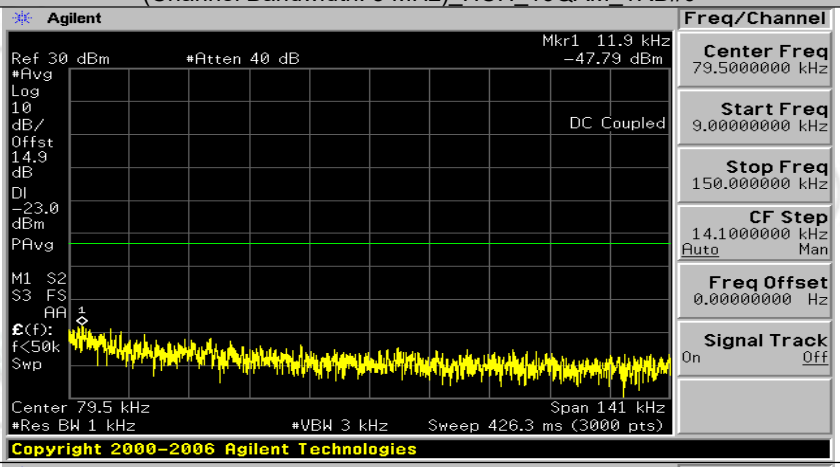
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

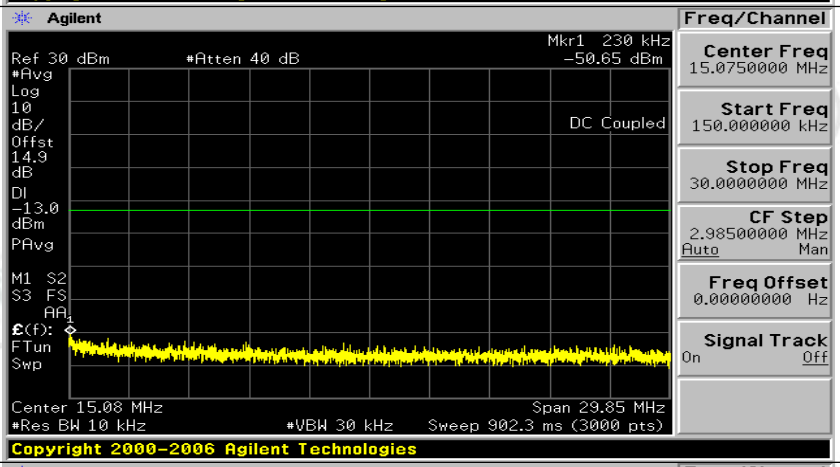


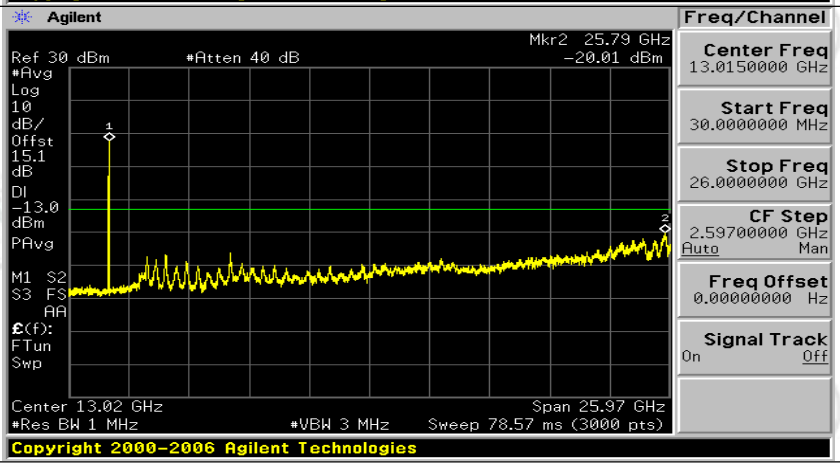




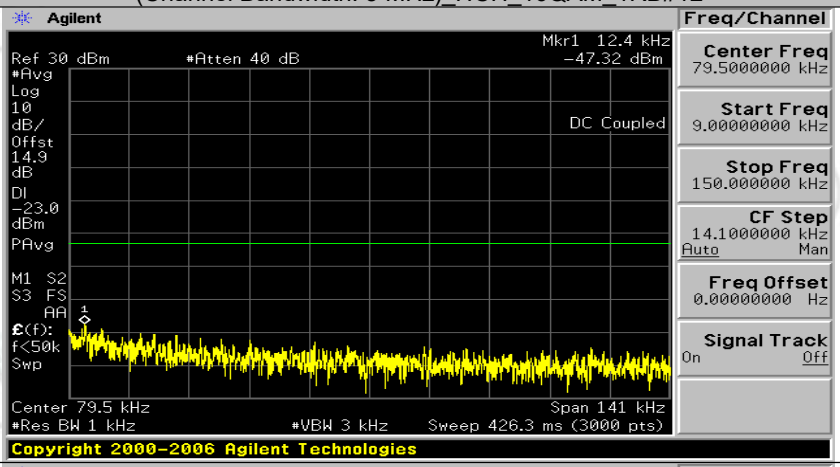
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

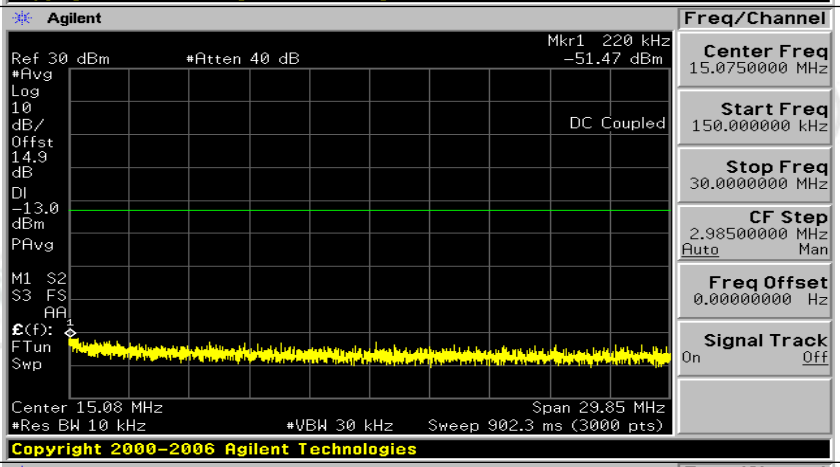


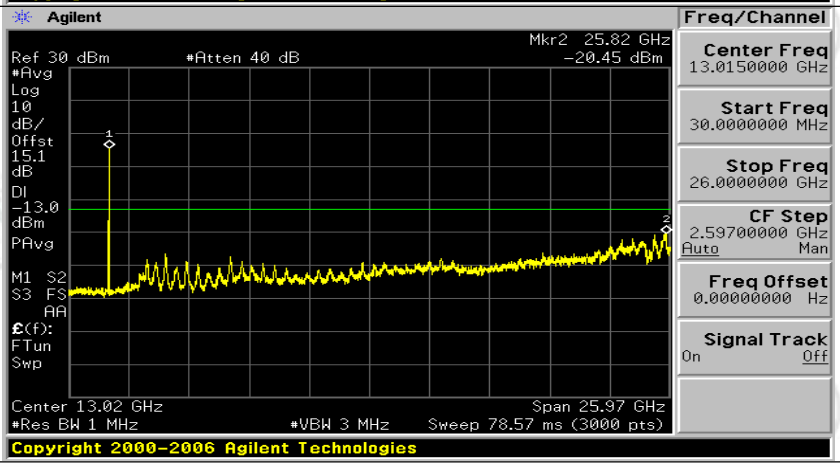




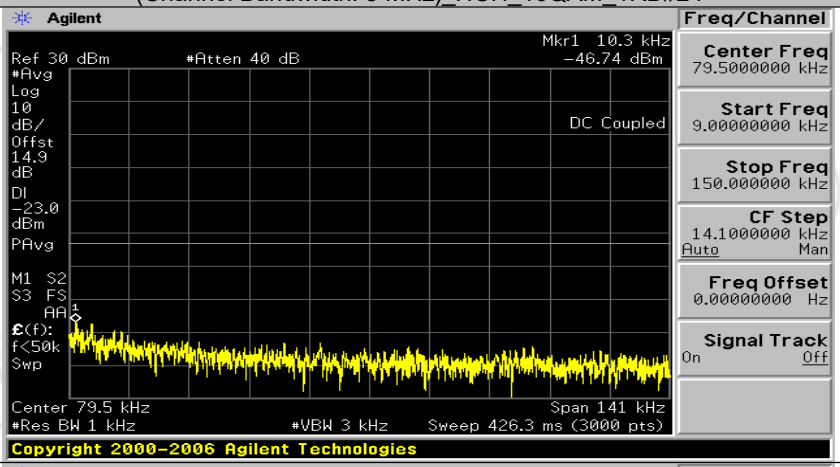
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

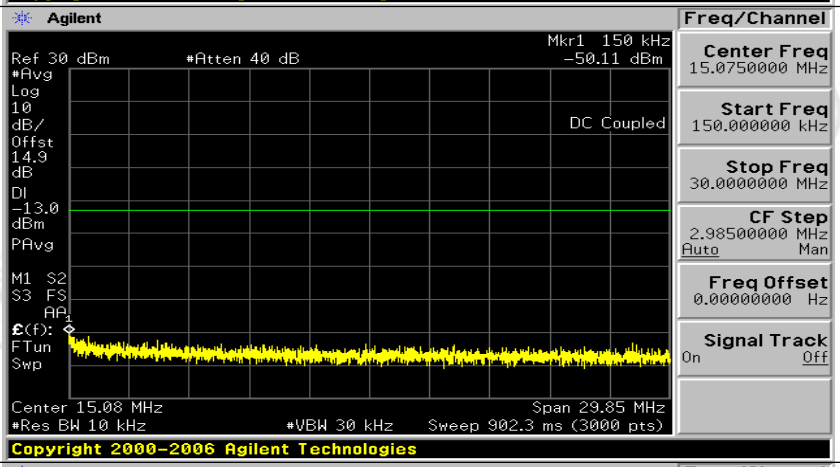


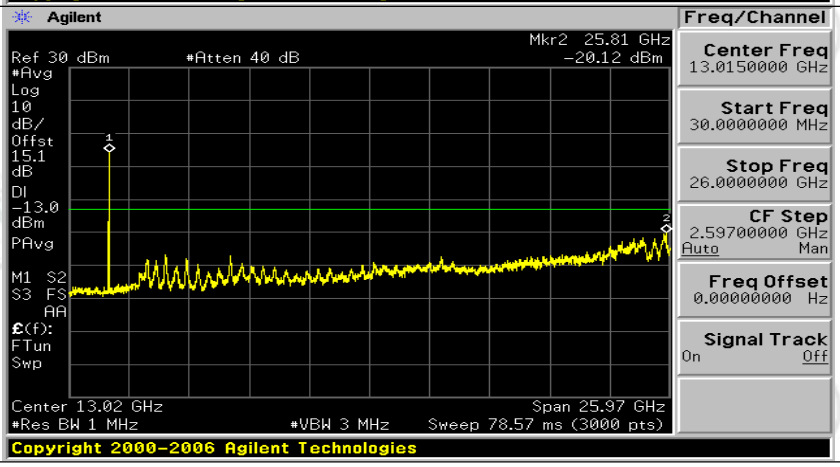




(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24

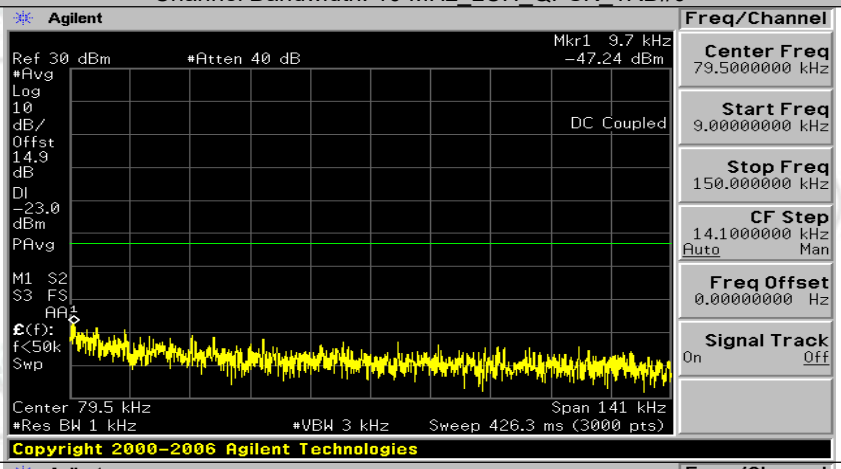


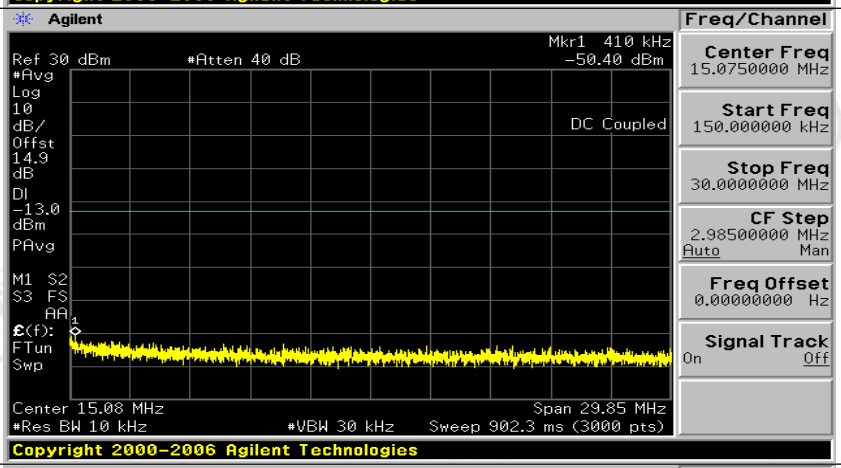


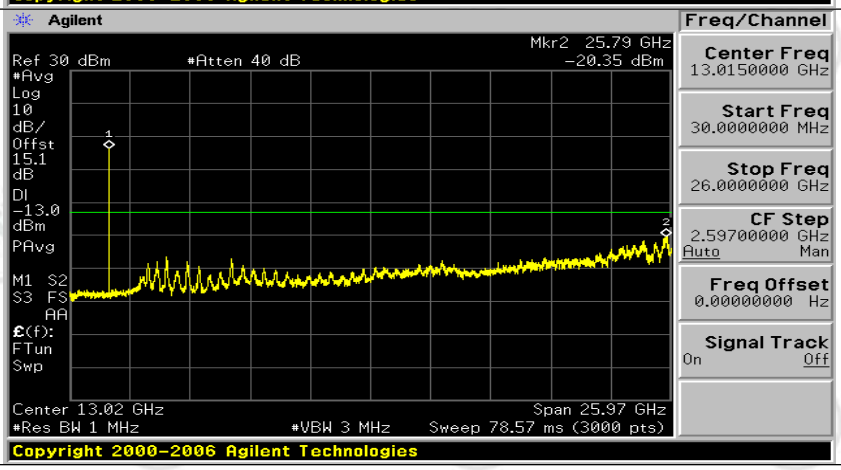


Channel Bandwidth: 10 MHz

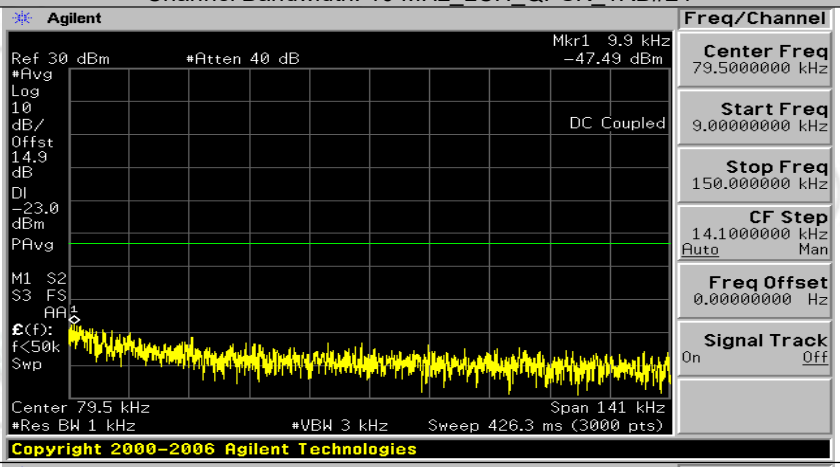
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0

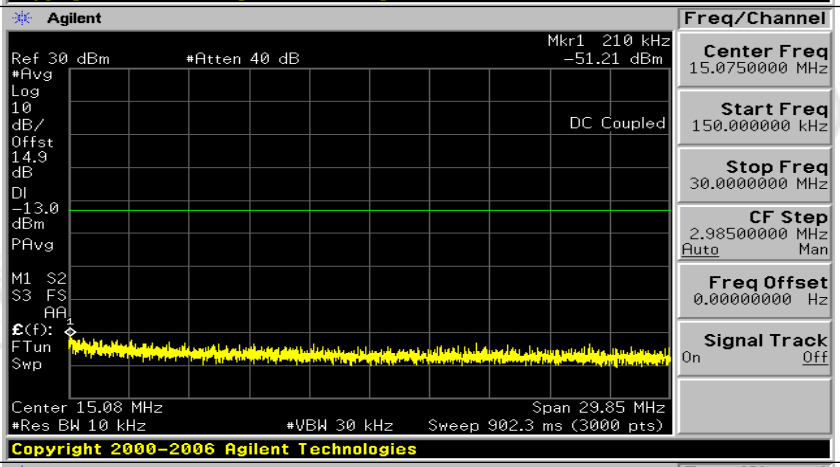


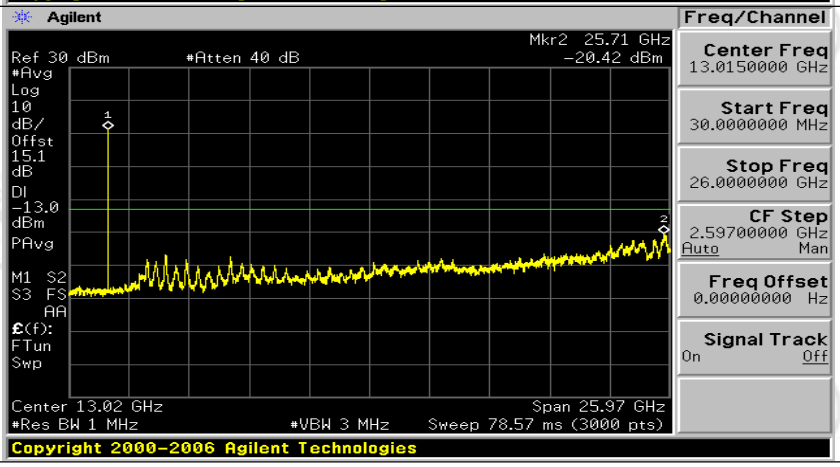




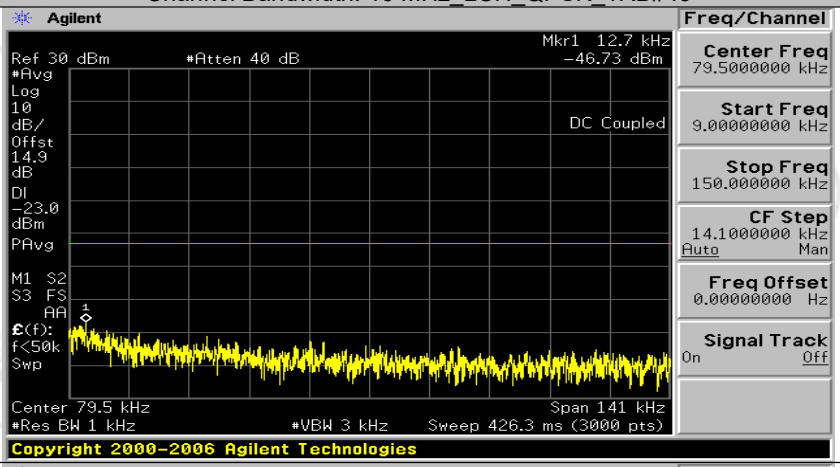
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24

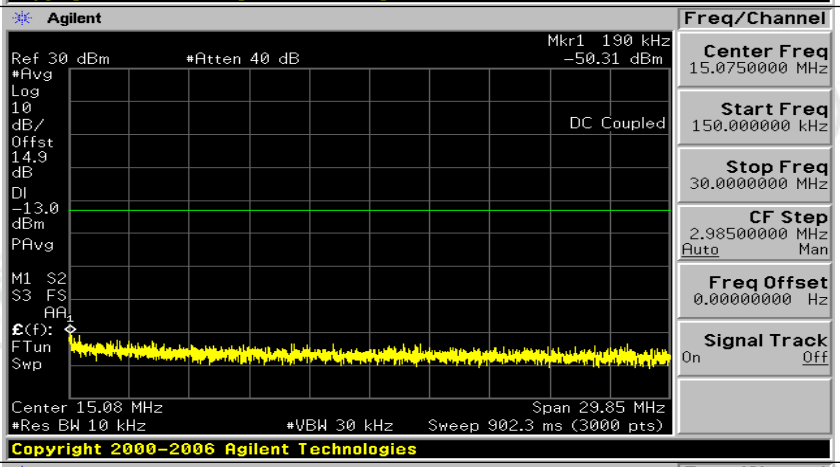


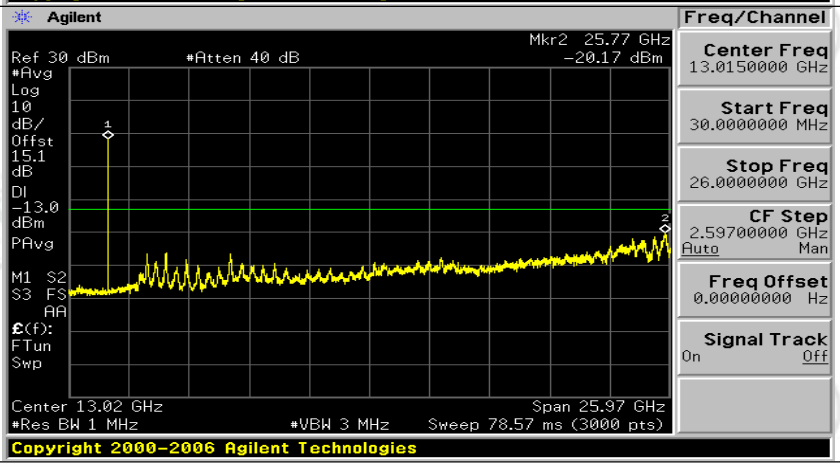




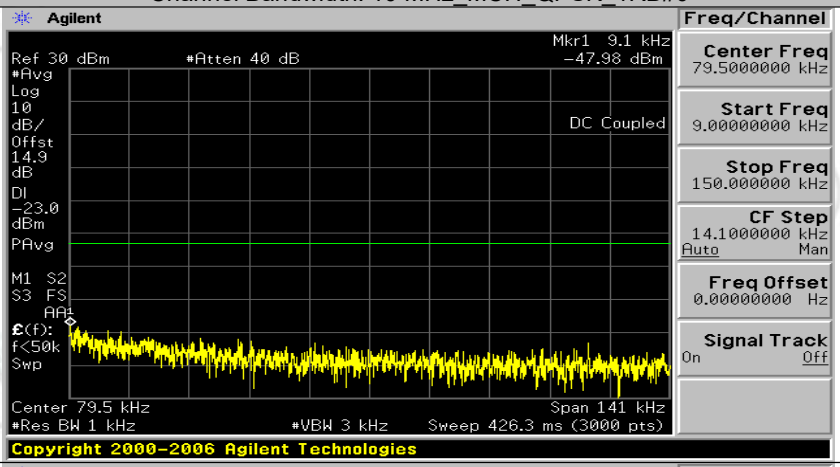
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49

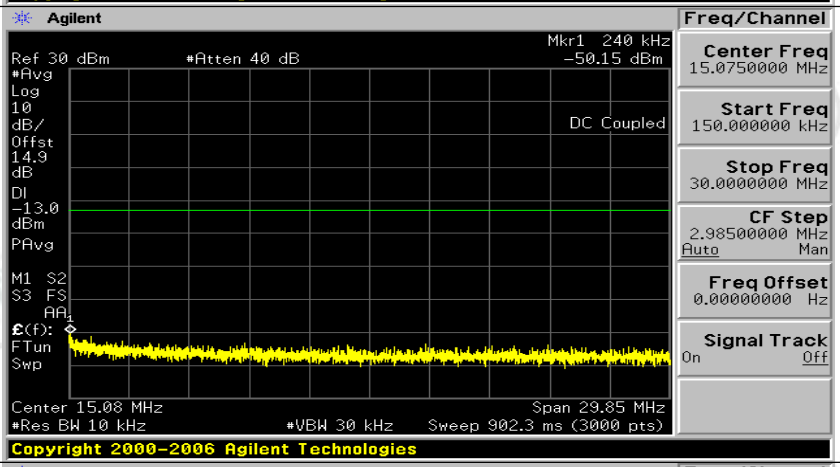


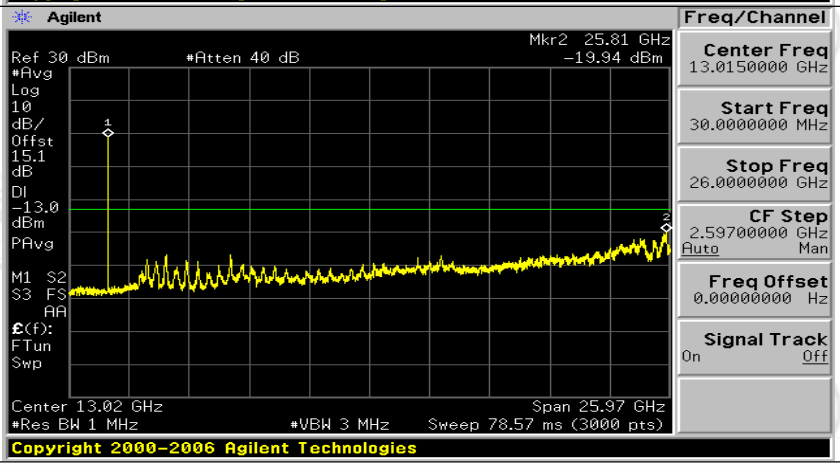




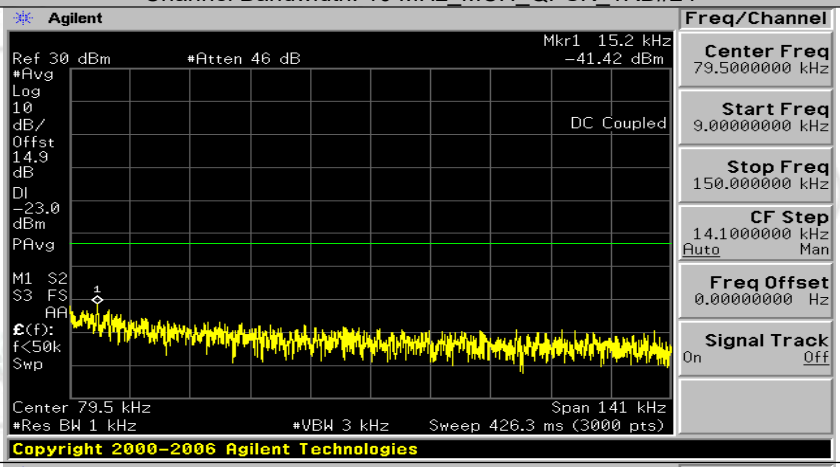
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

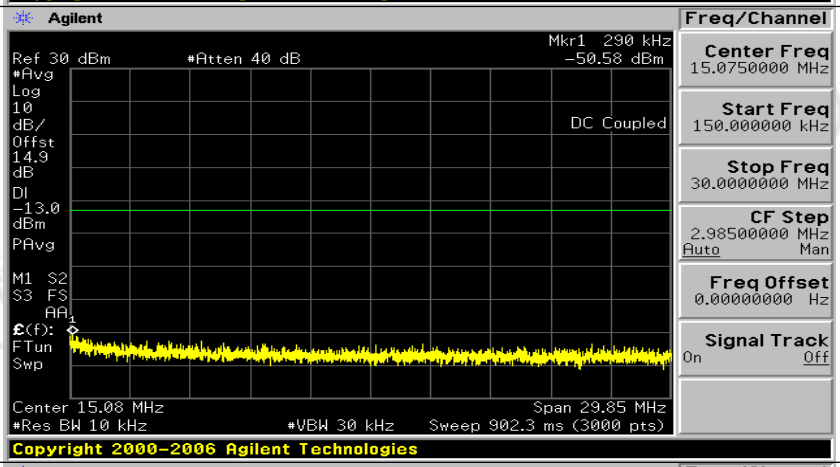


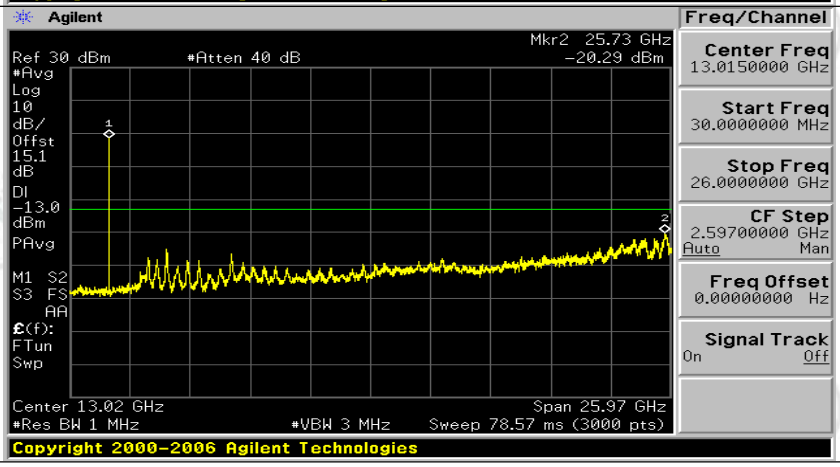




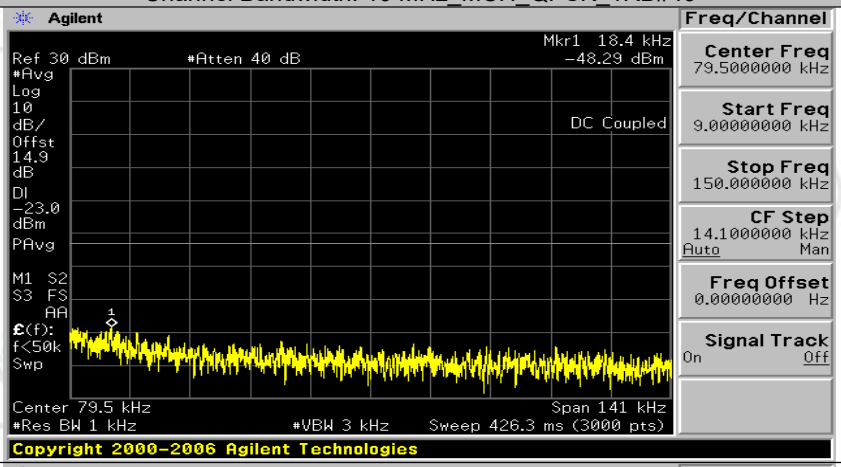
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

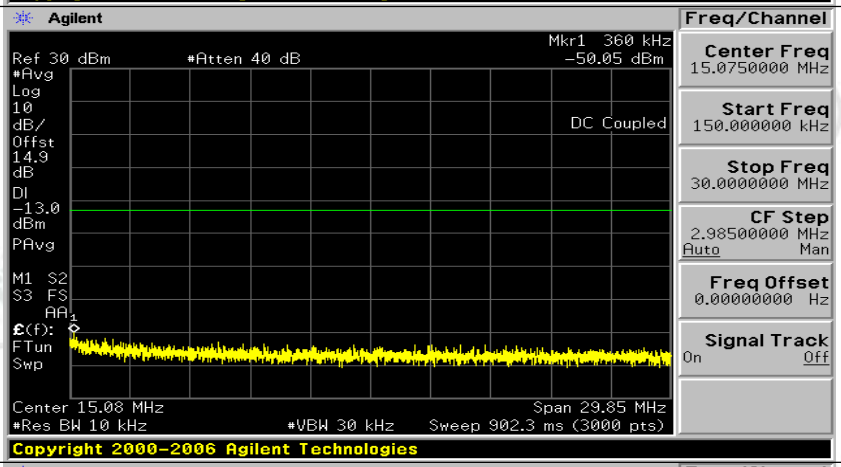


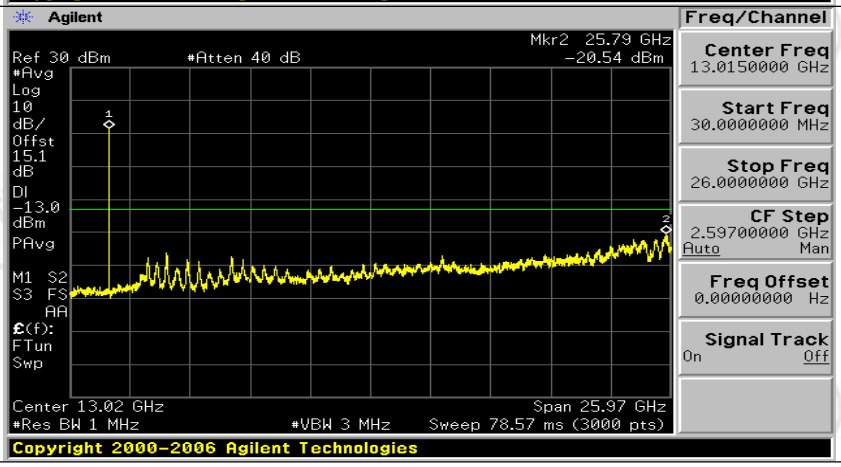




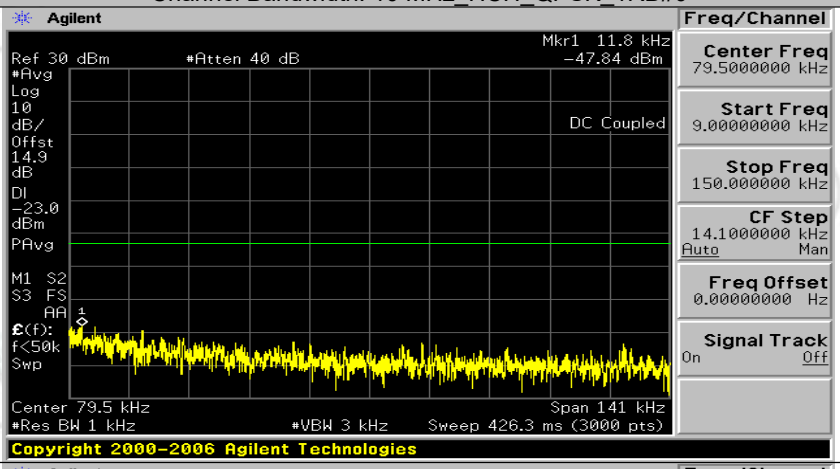
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

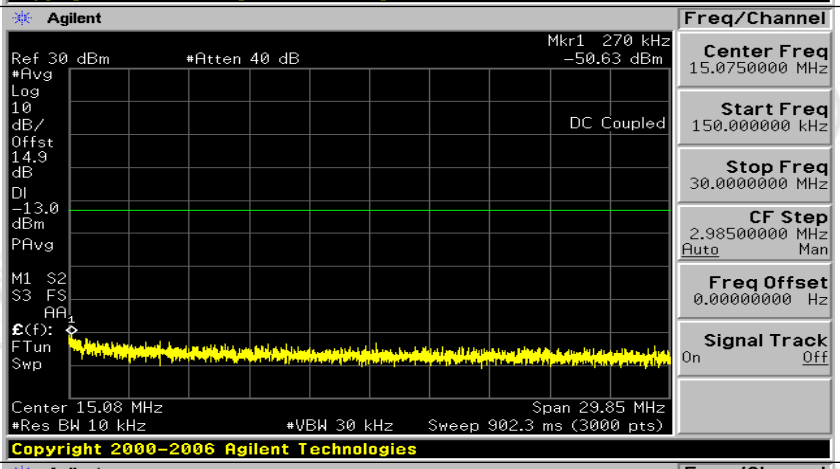


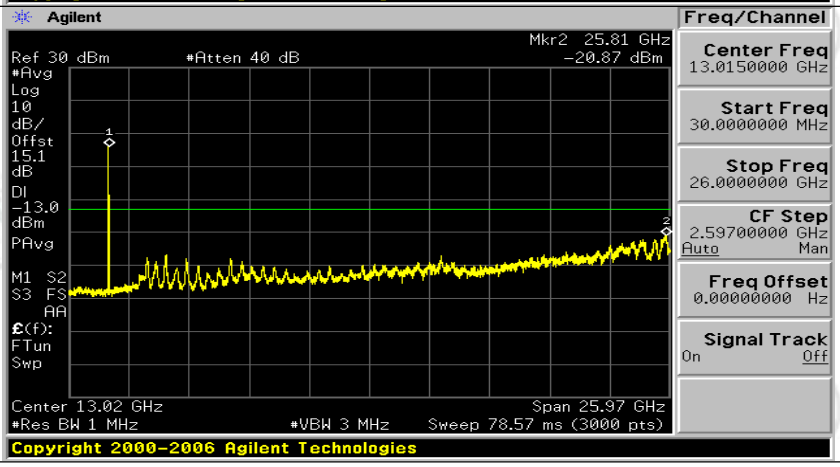




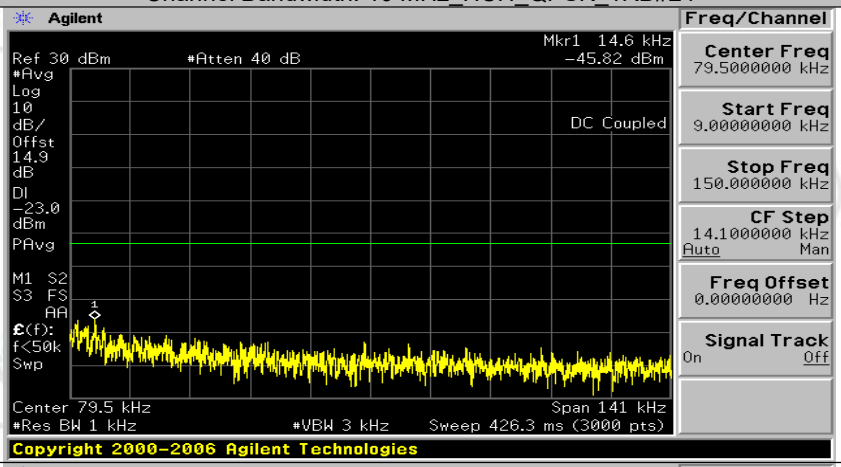
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

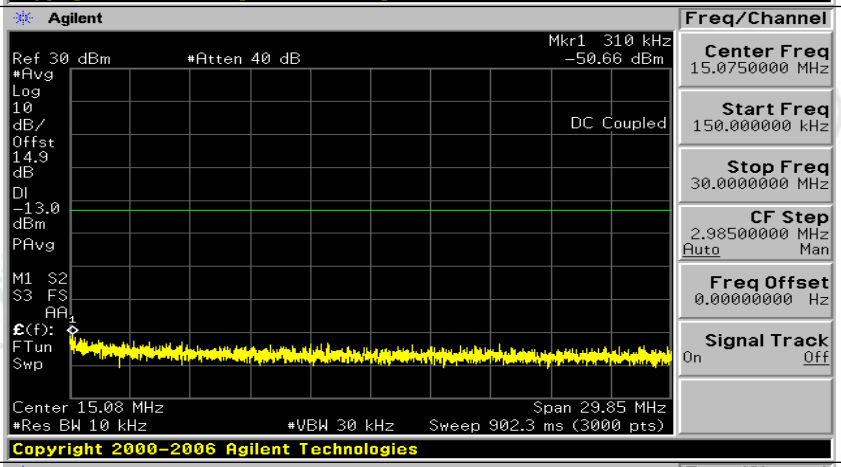


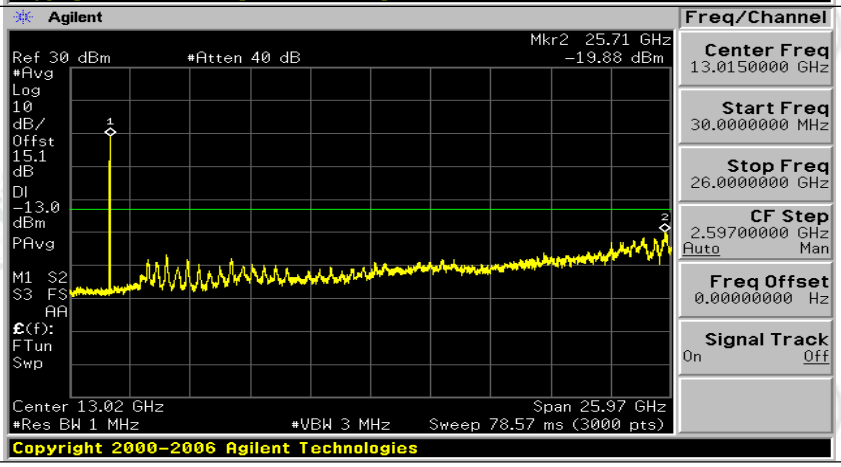




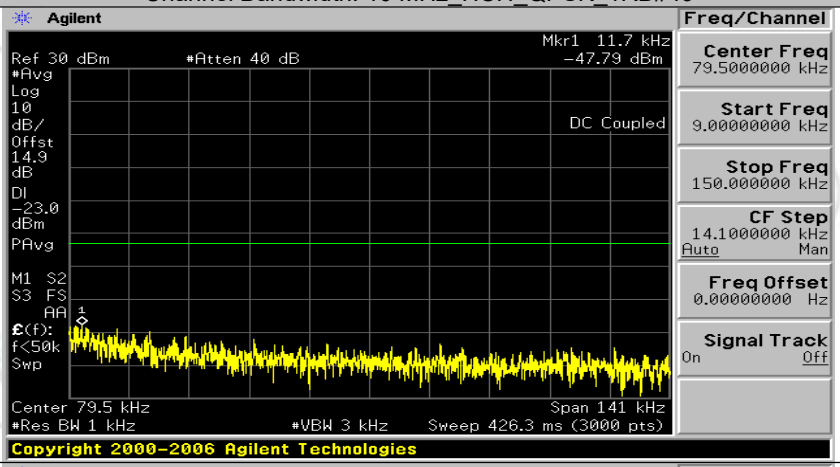
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

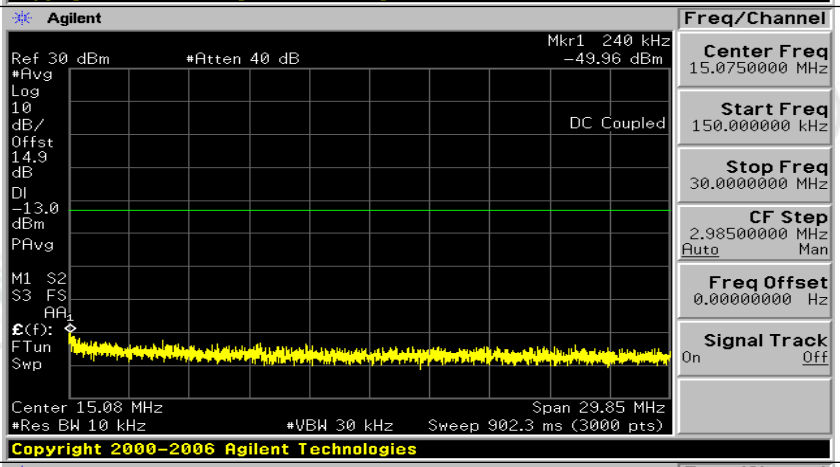


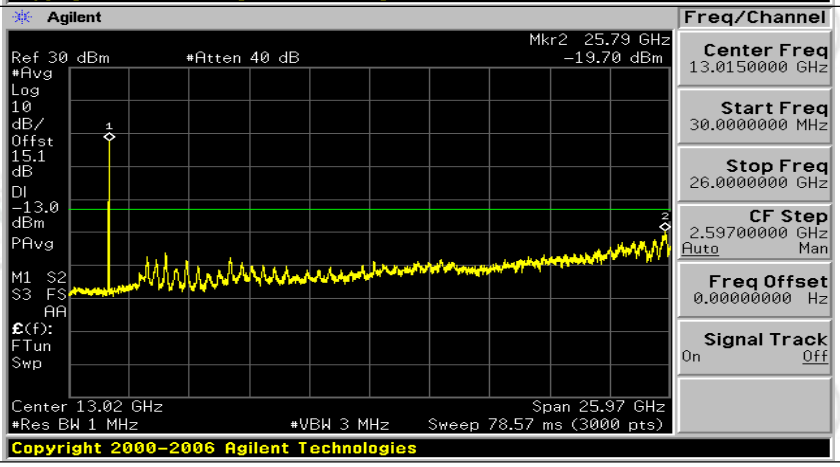




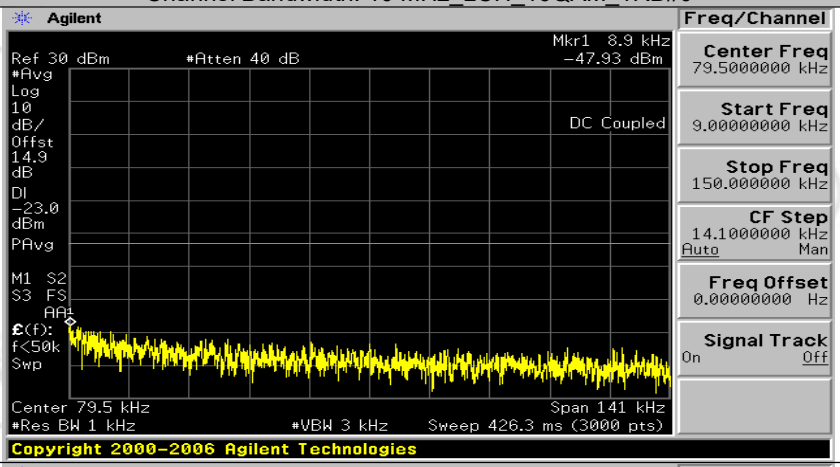
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49

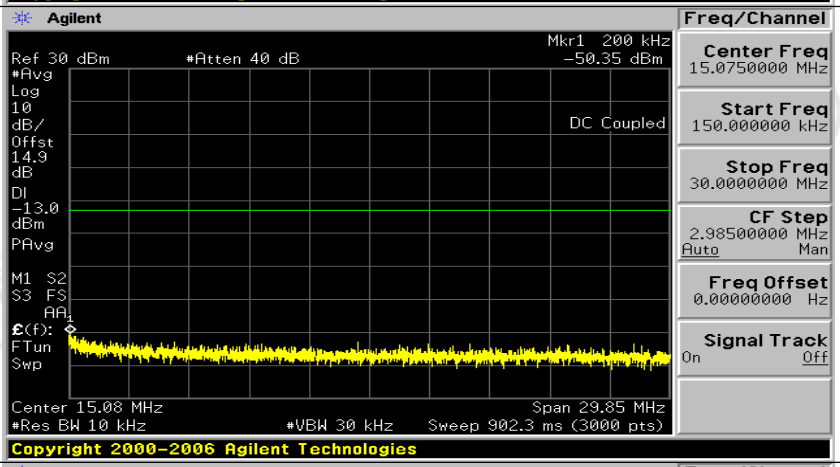


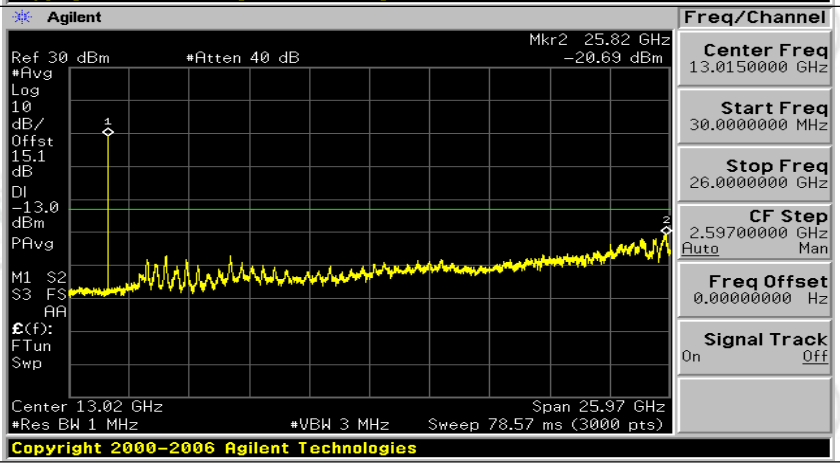




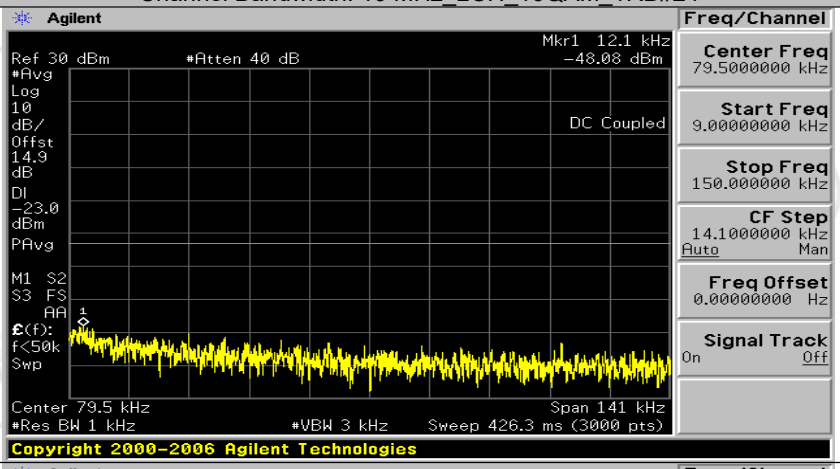
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0

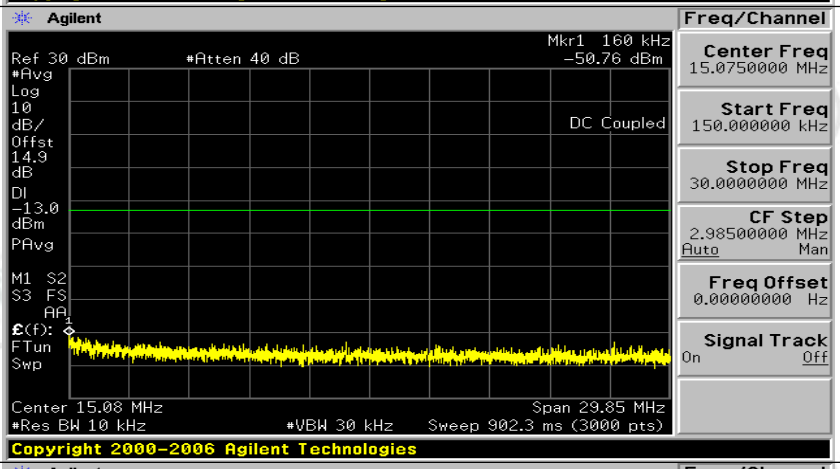


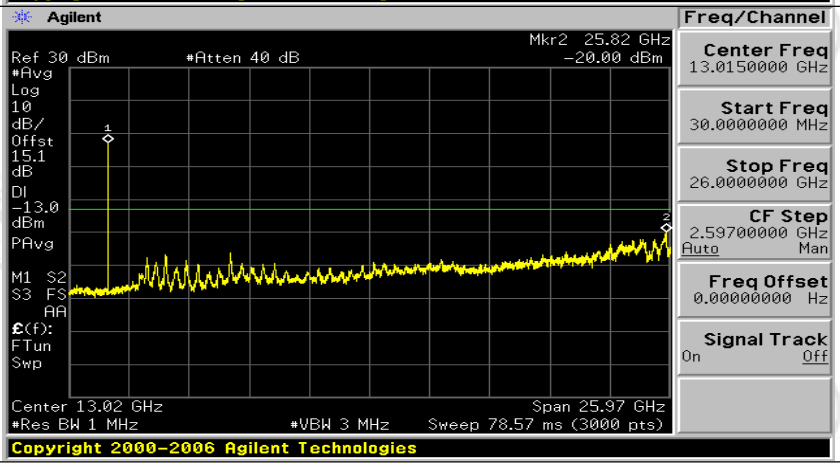




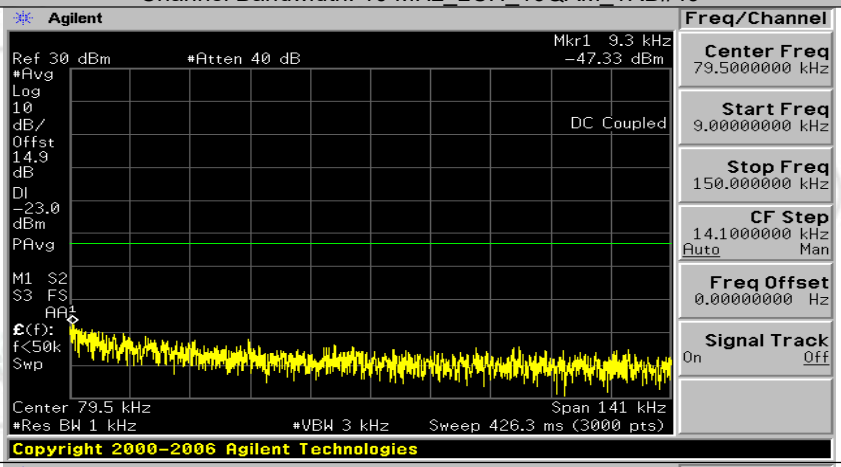
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

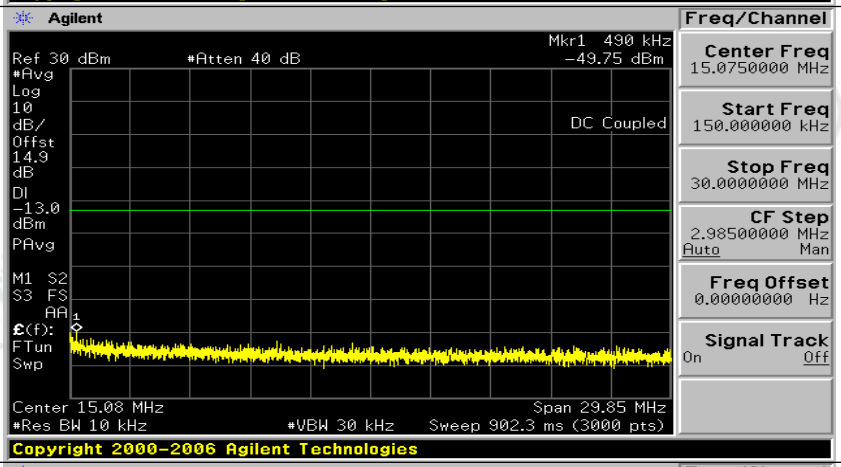


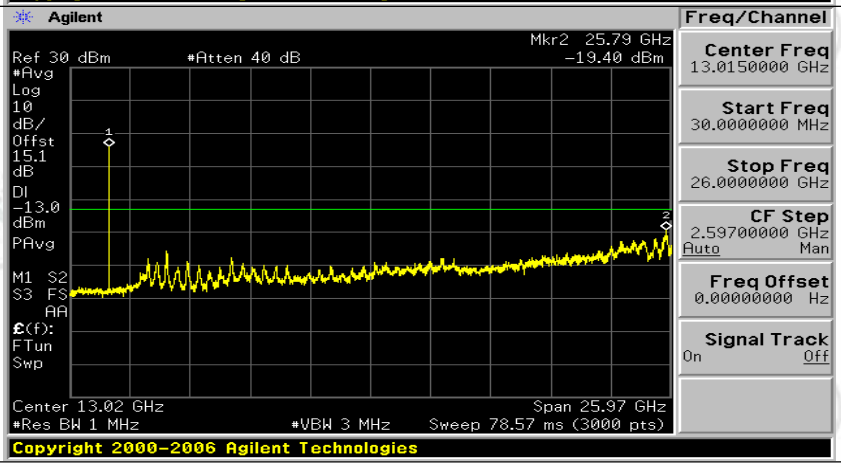




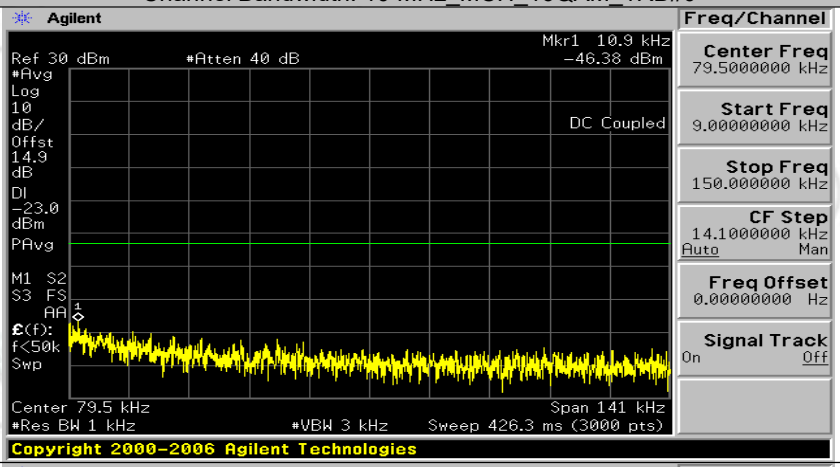
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

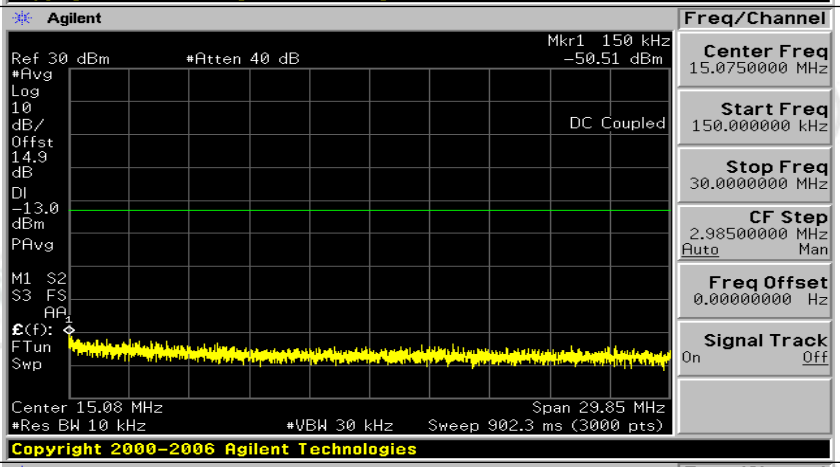


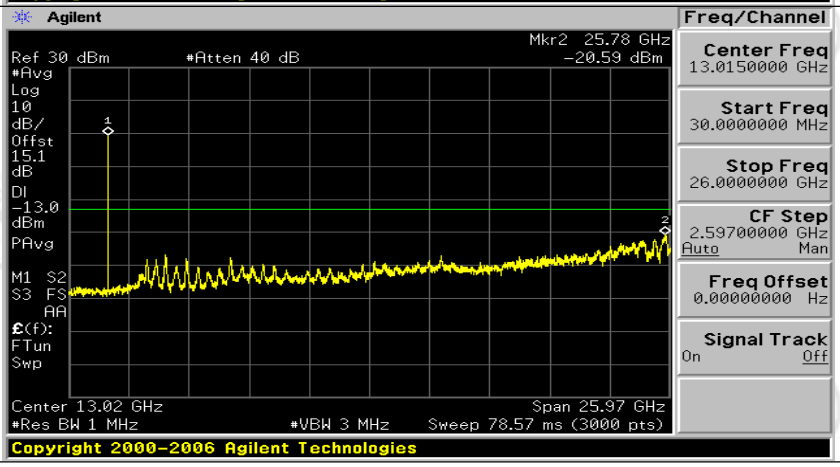




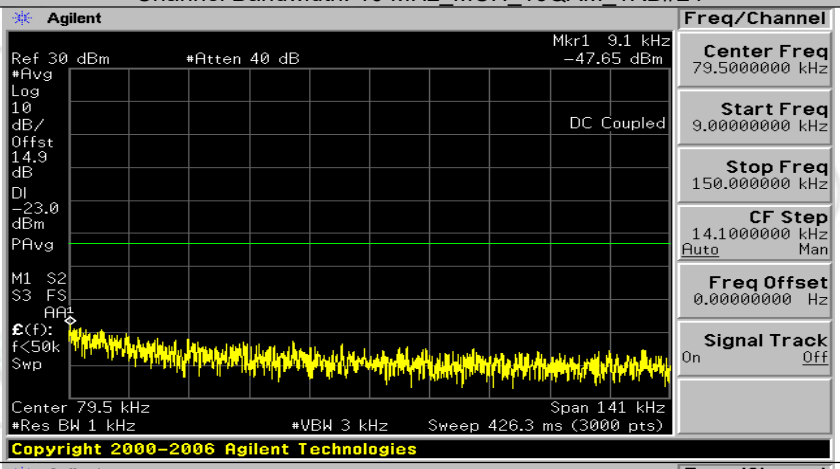
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

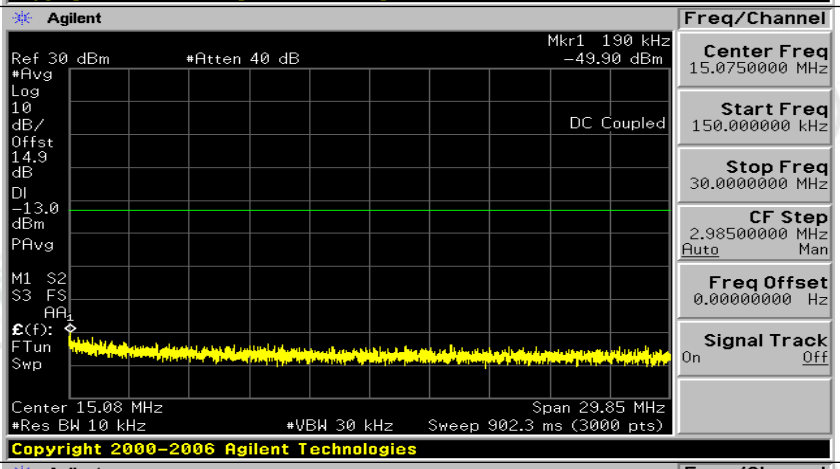


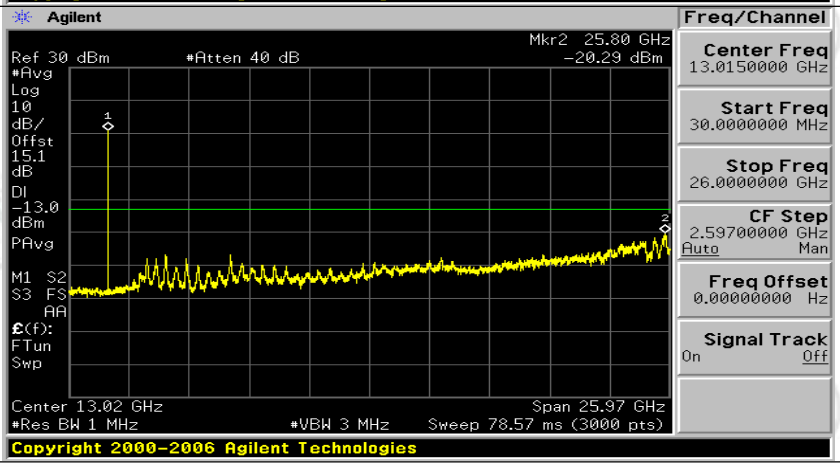




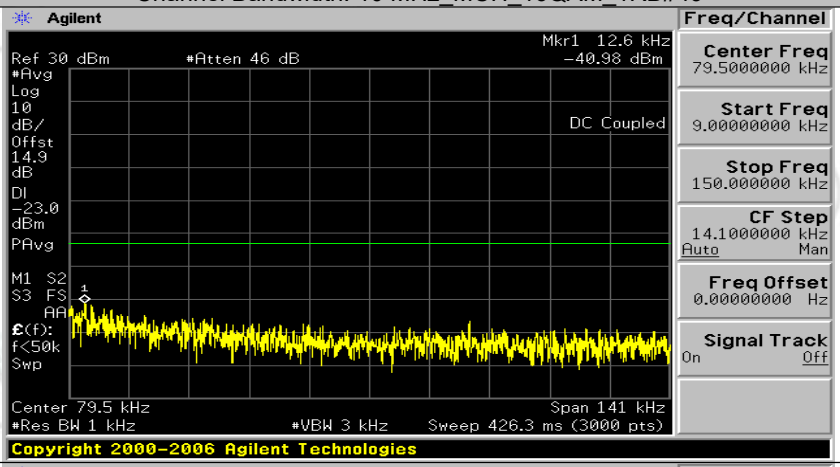
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

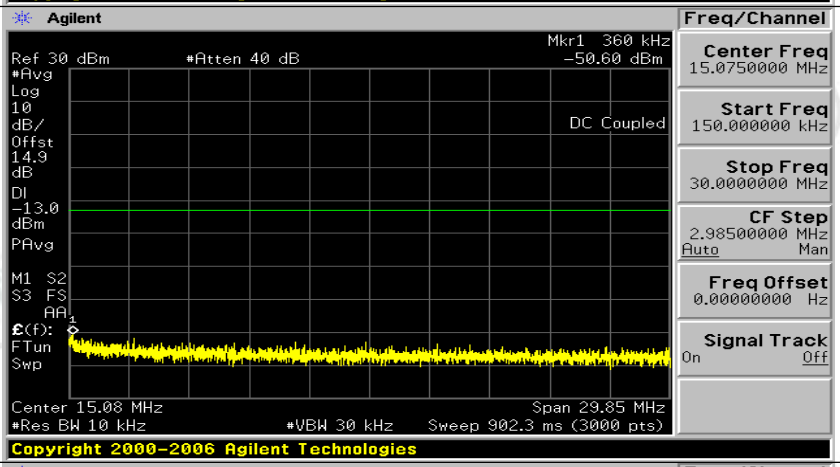


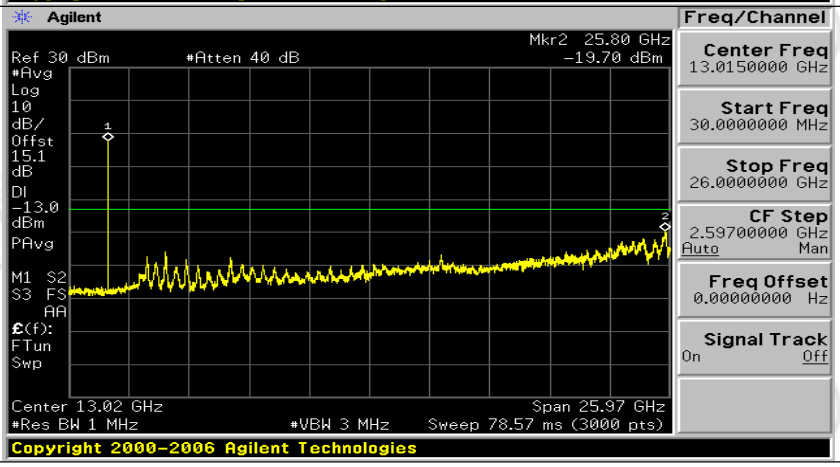




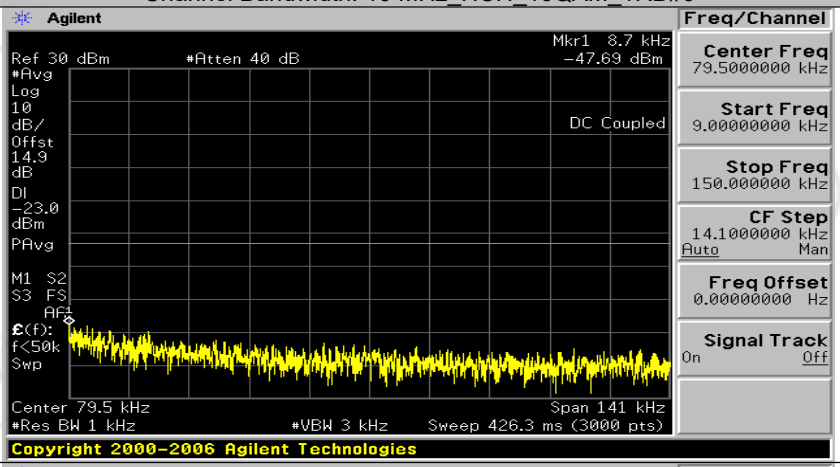
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

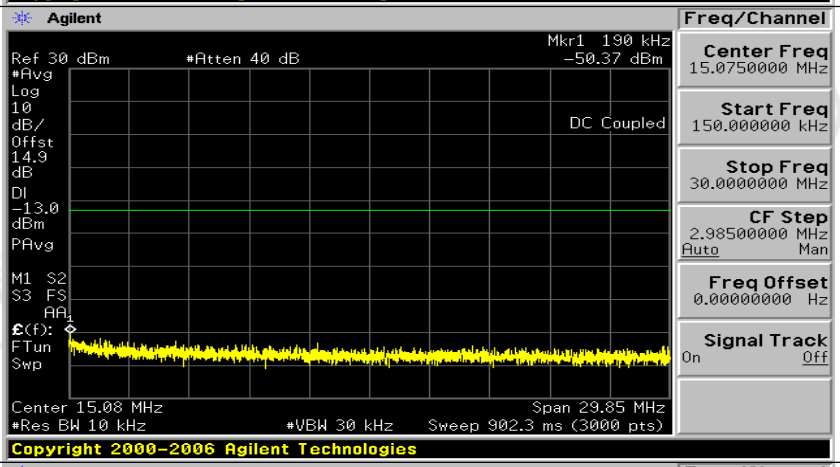


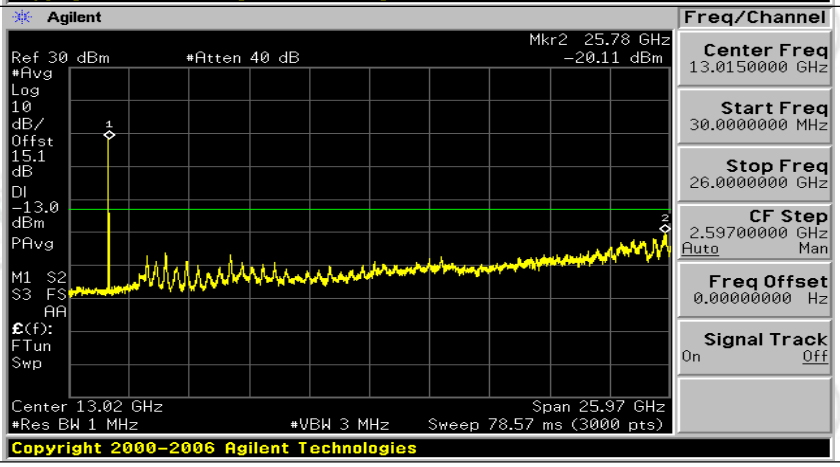




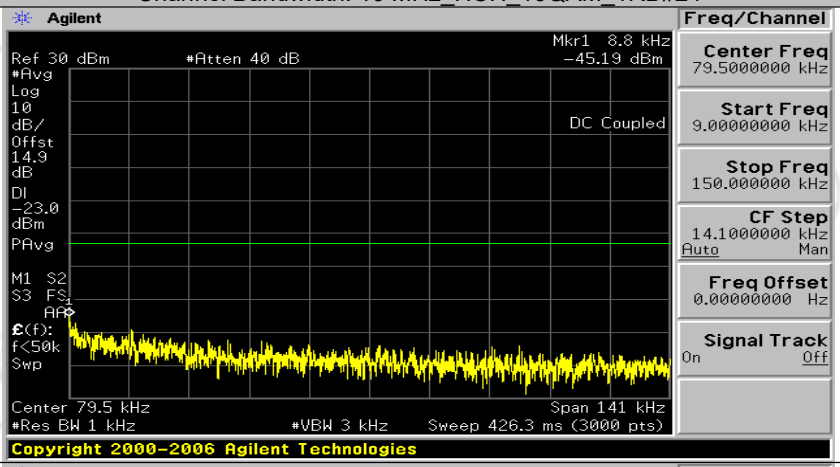
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

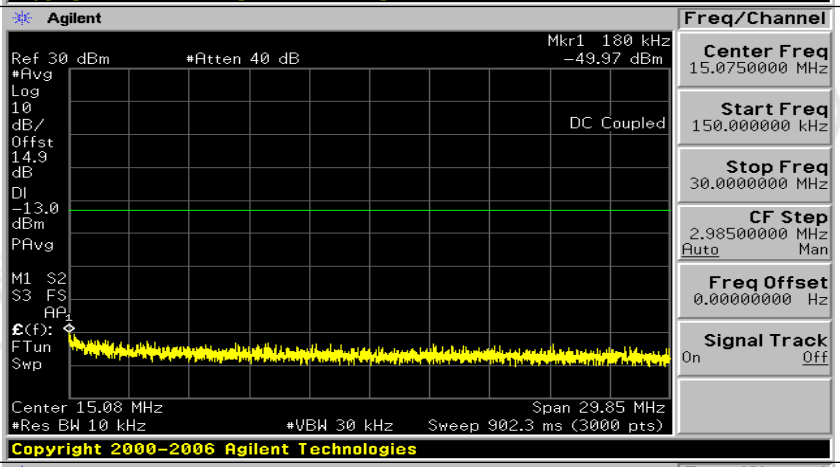


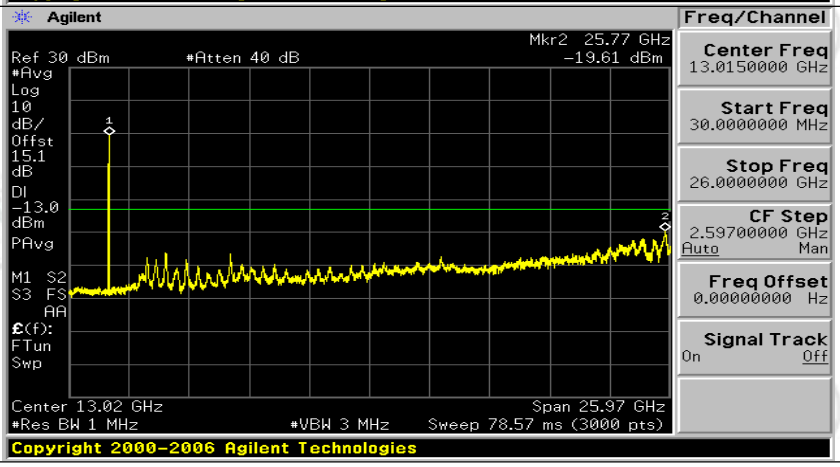




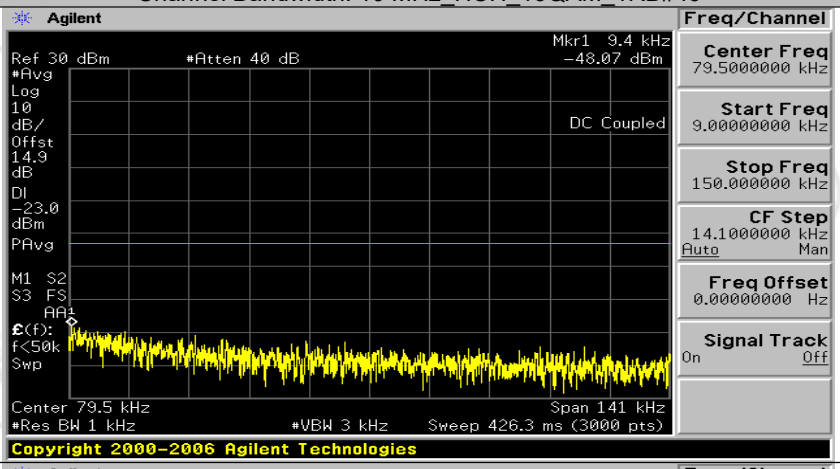
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24

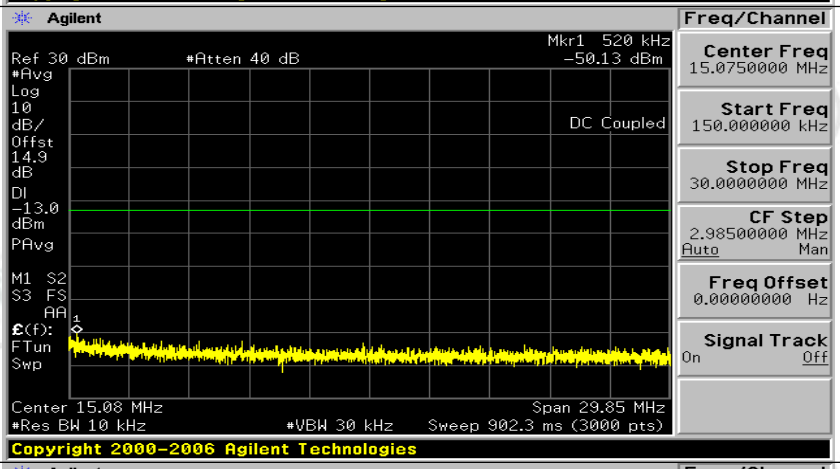


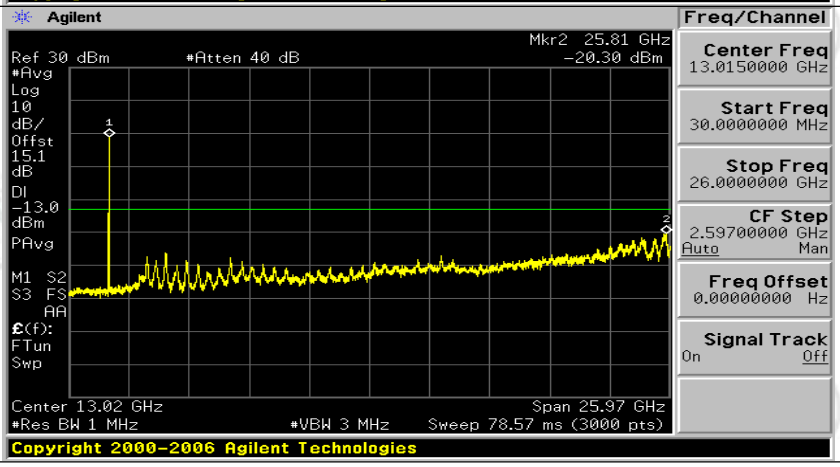




Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49

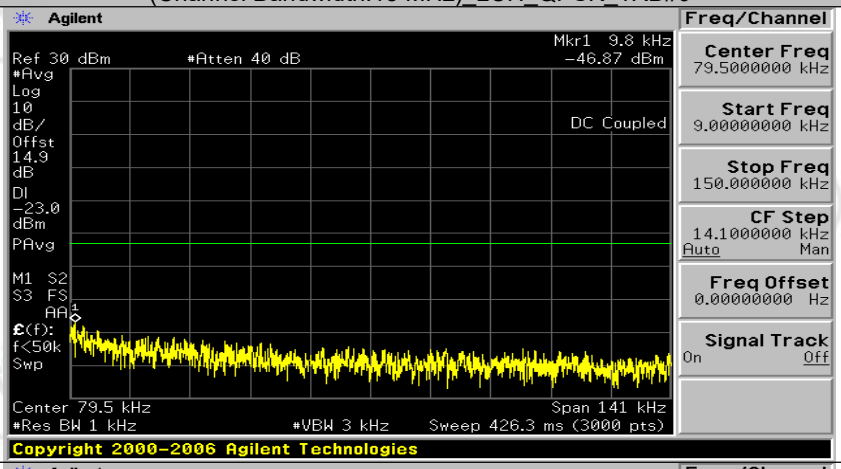


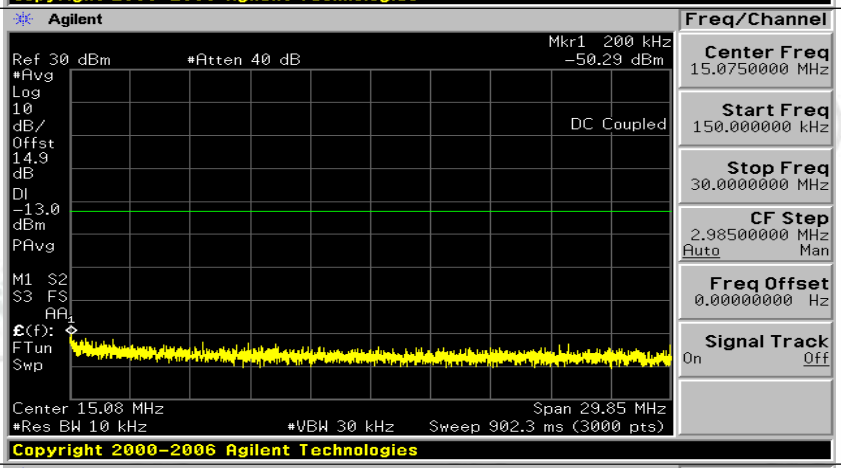


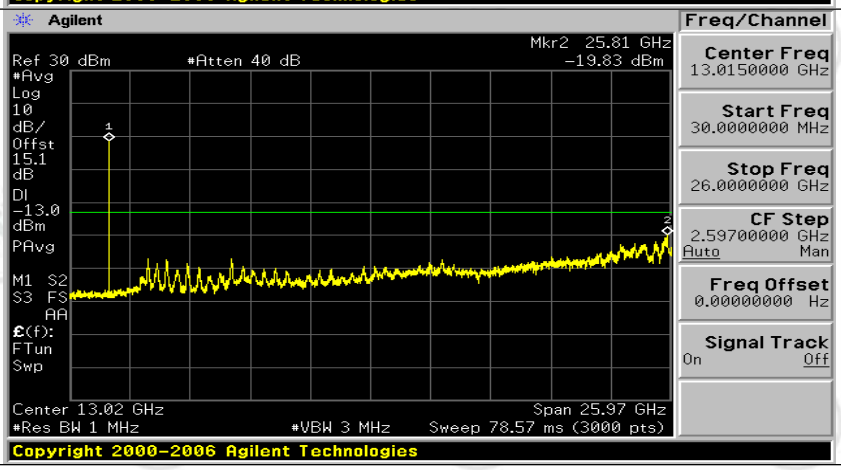


Channel Bandwidth: 15 MHz

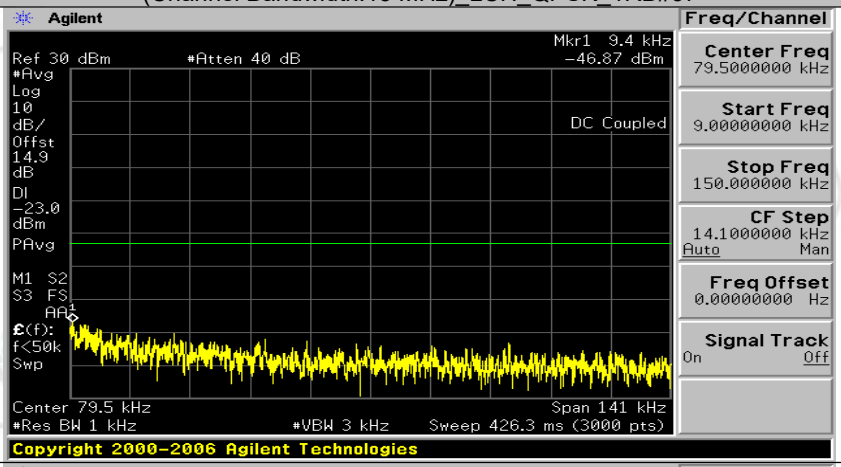
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0

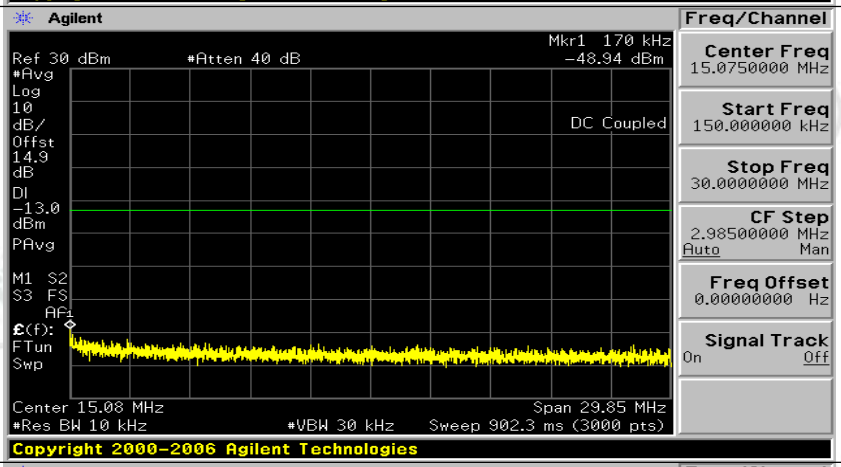


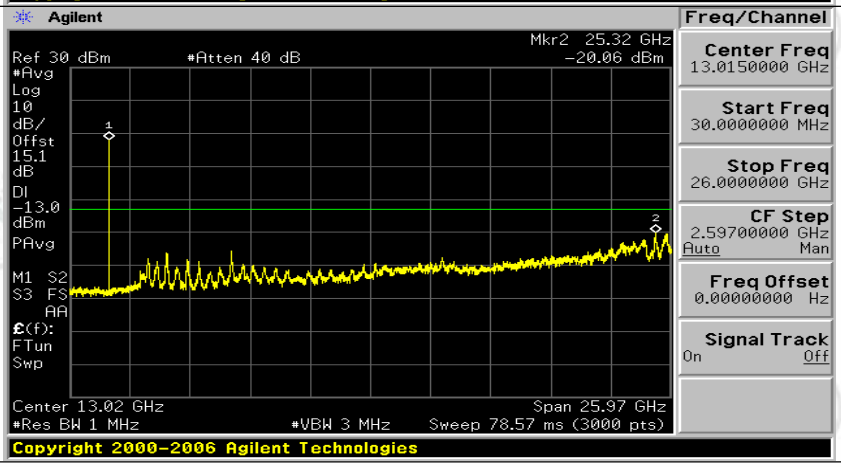




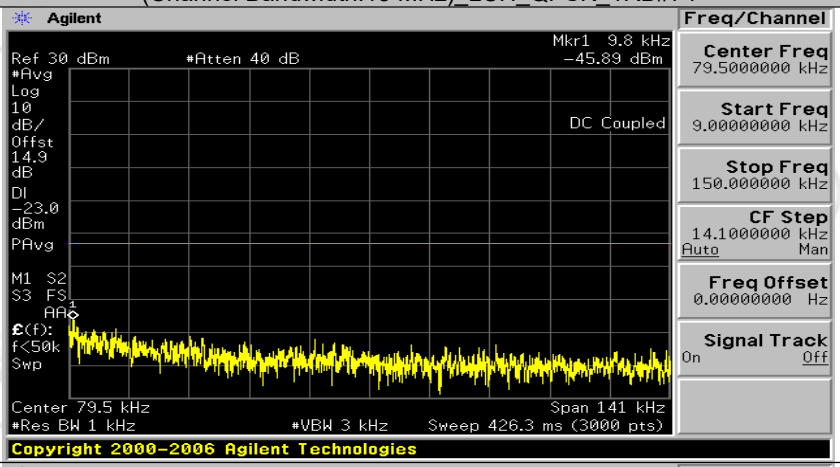
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#37

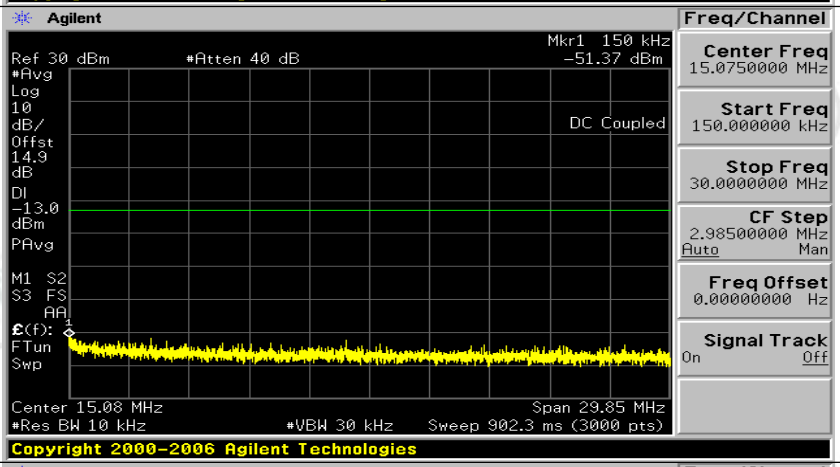


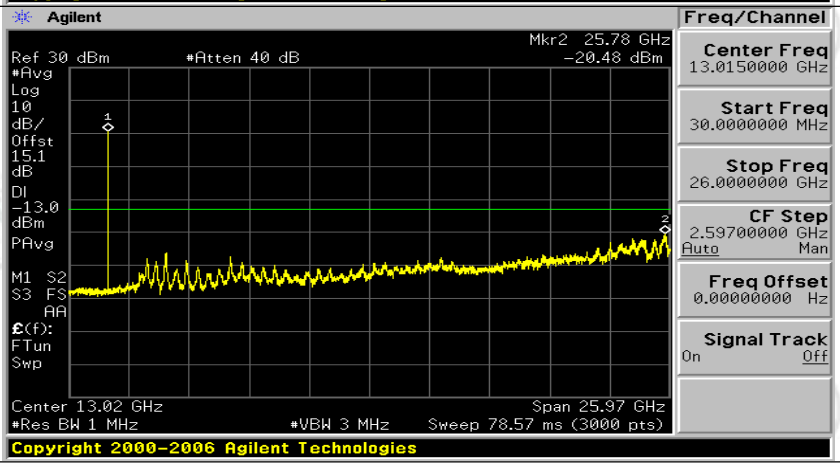




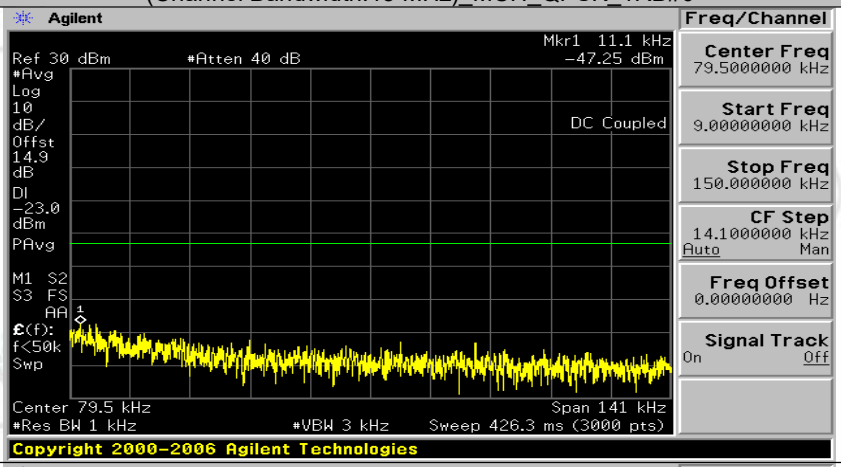
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#74

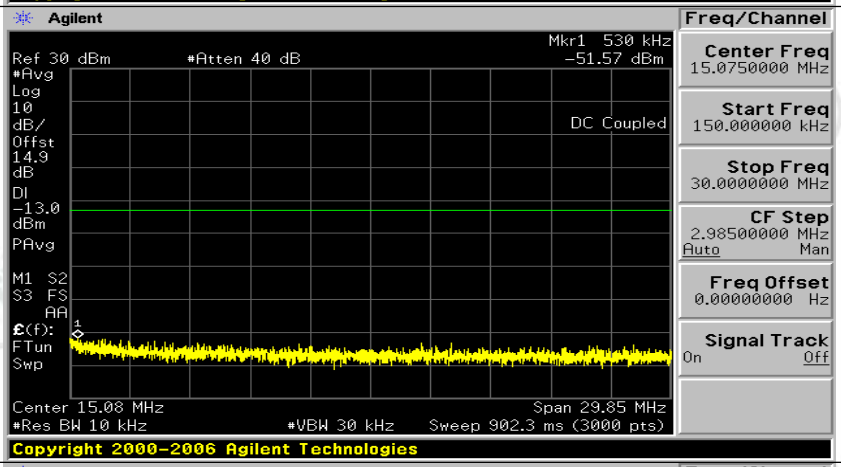


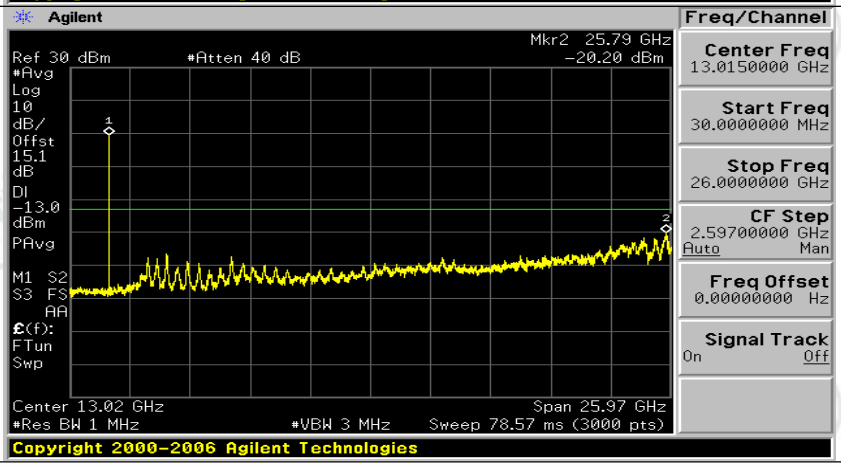




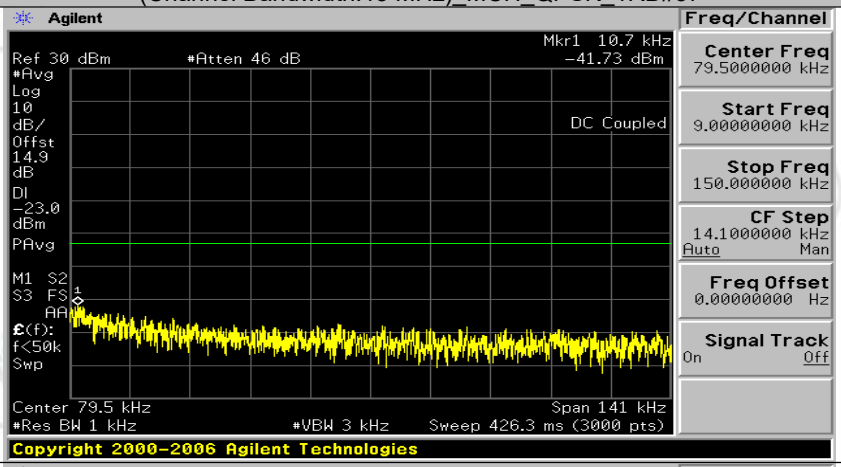
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0

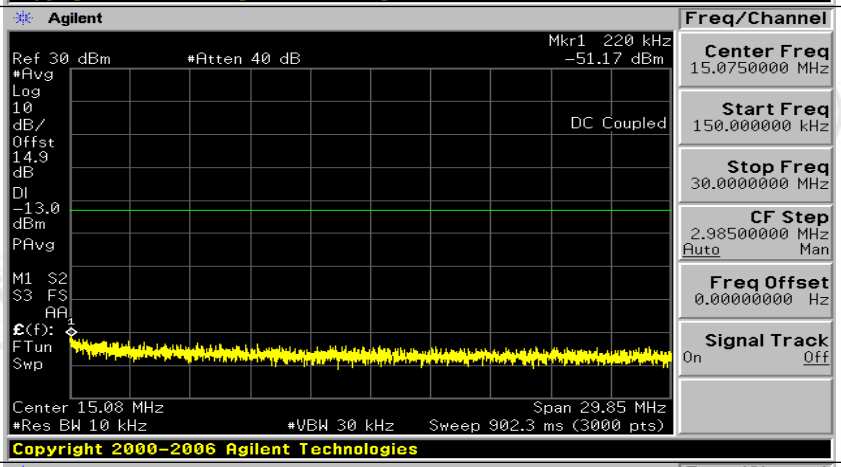


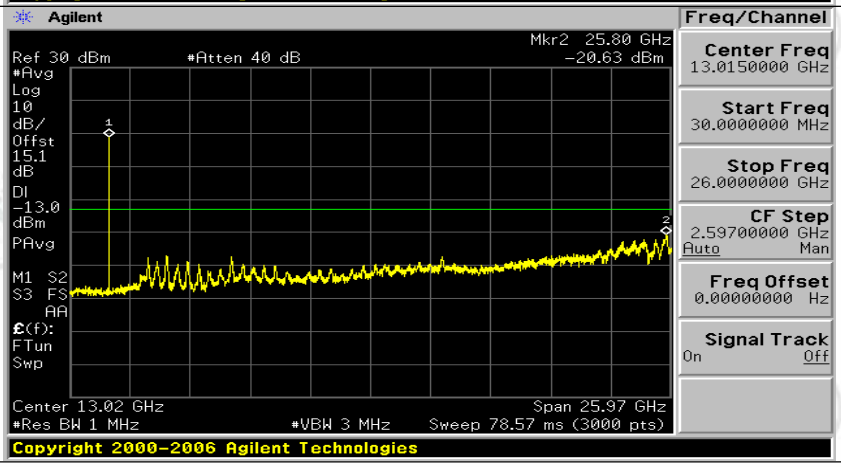




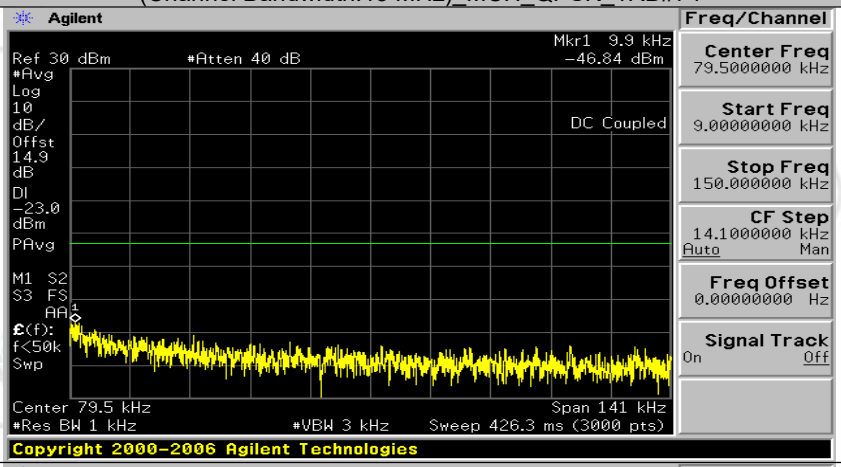
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37

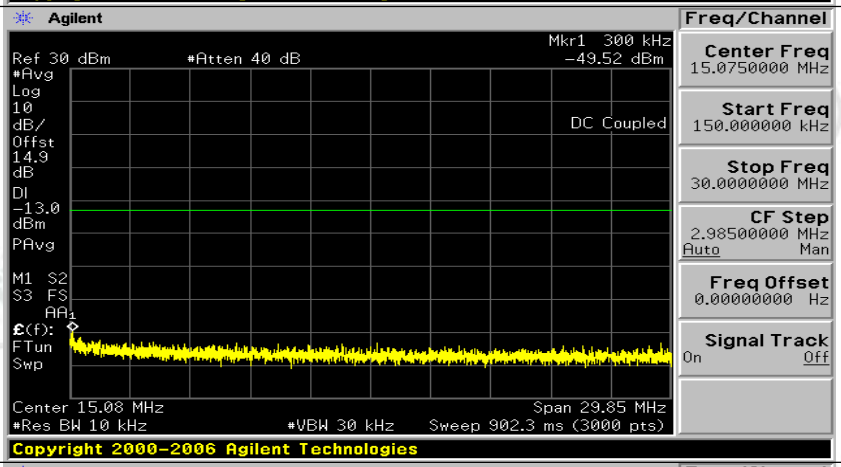


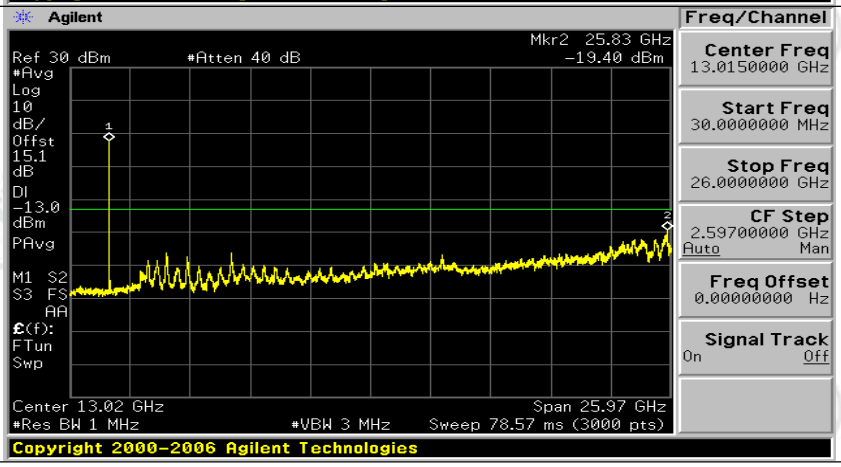




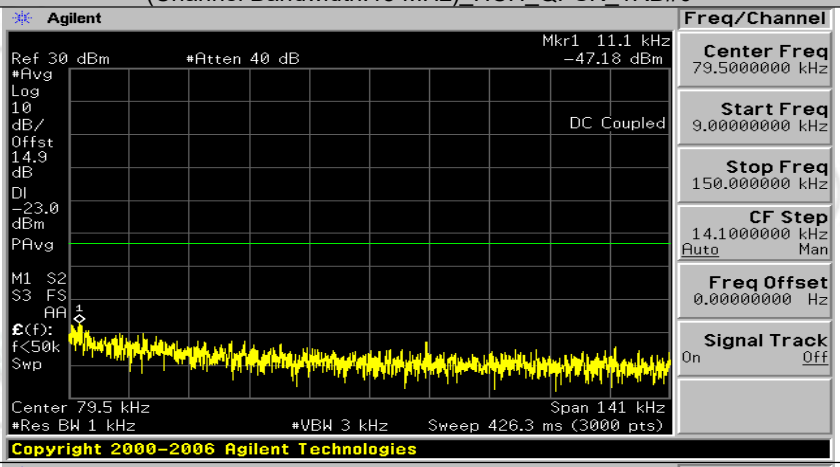
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74

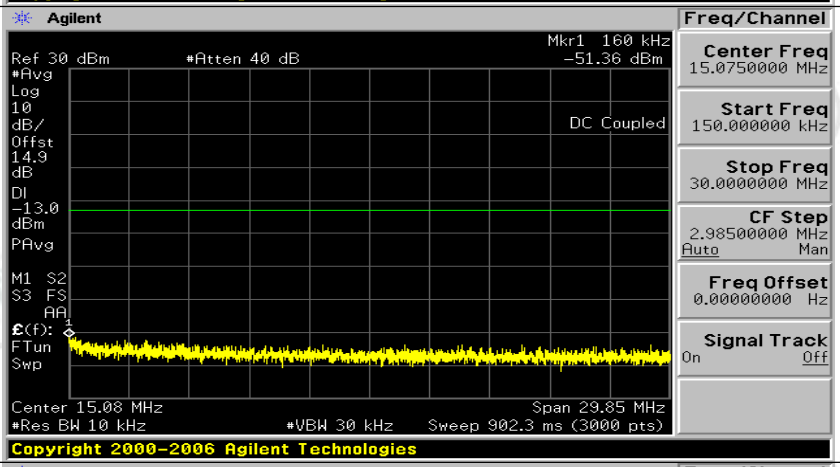


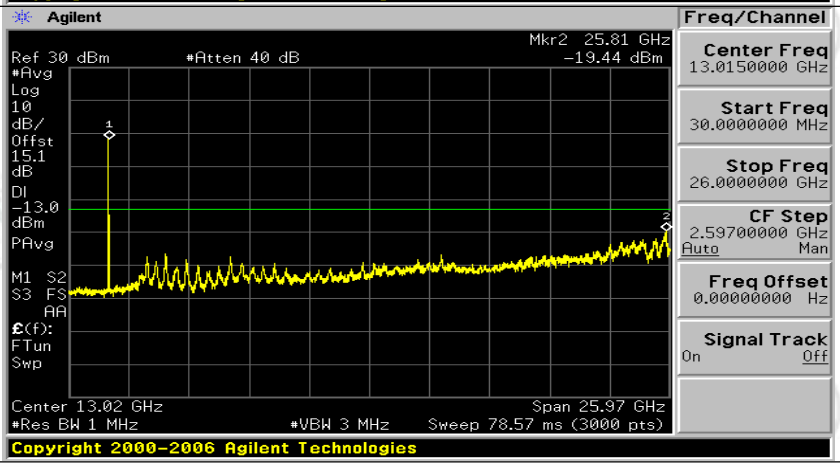




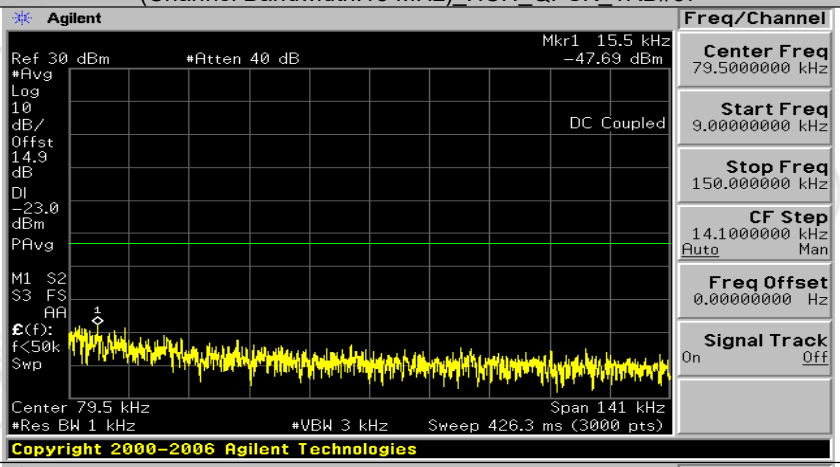
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0

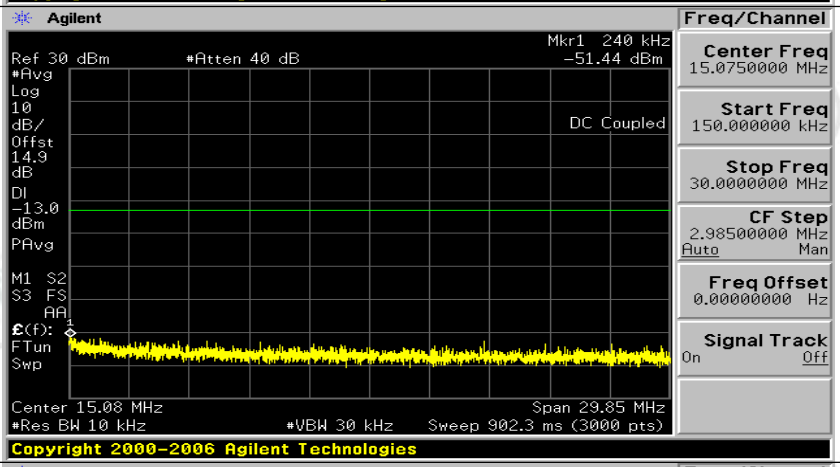


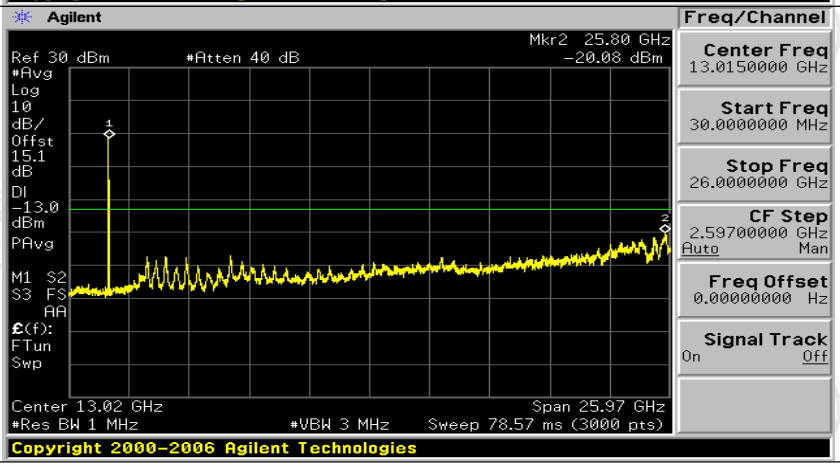




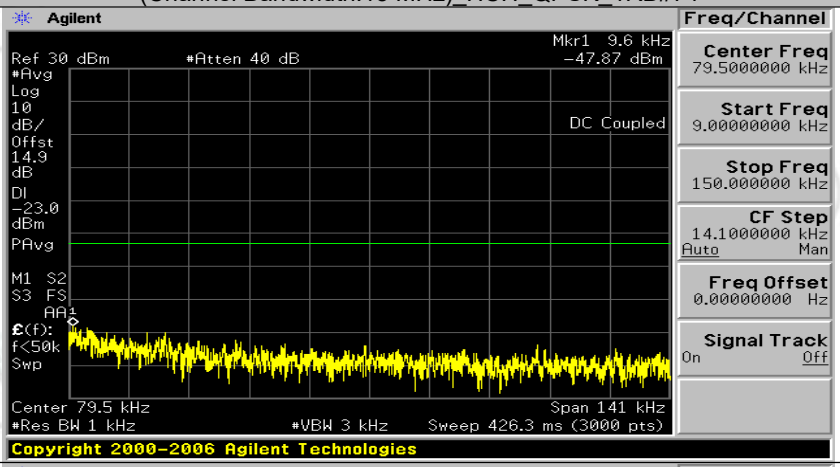
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37

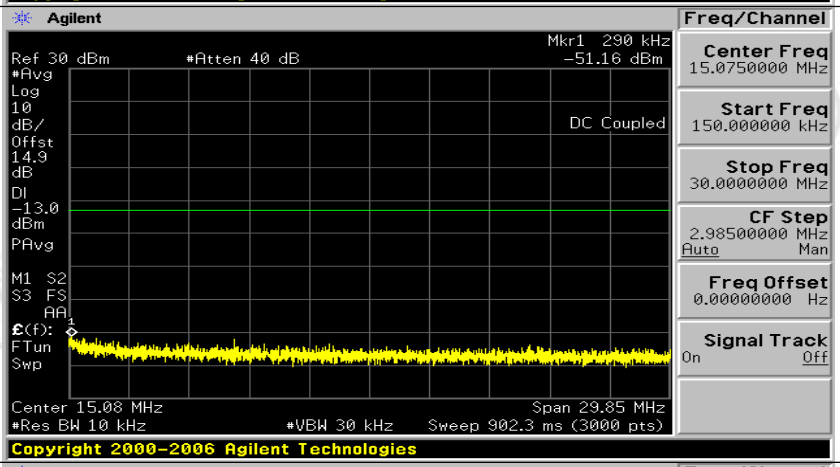


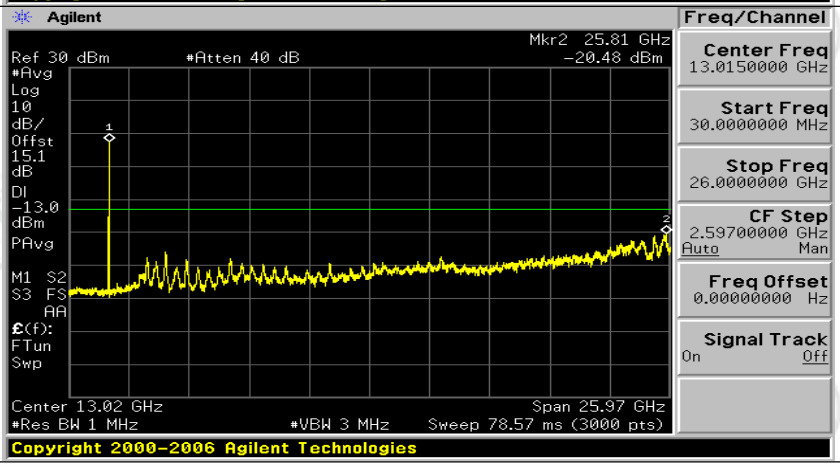




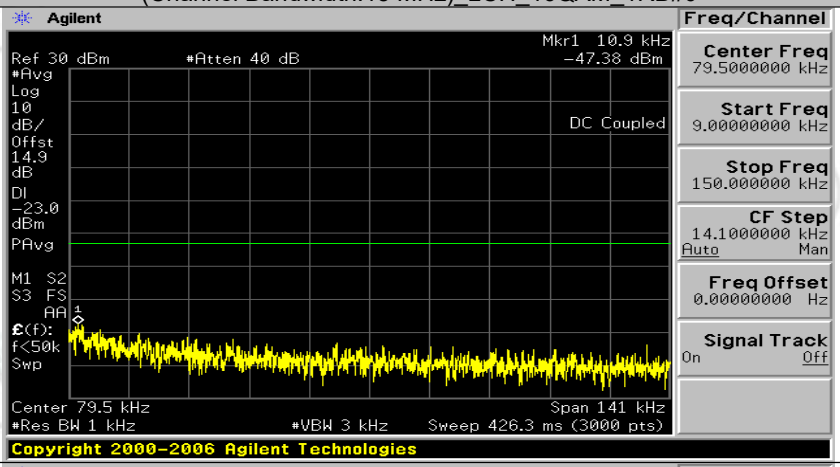
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74

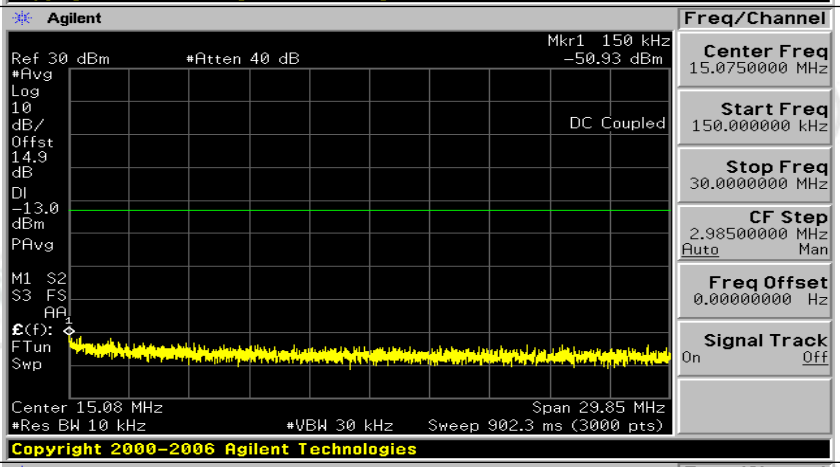


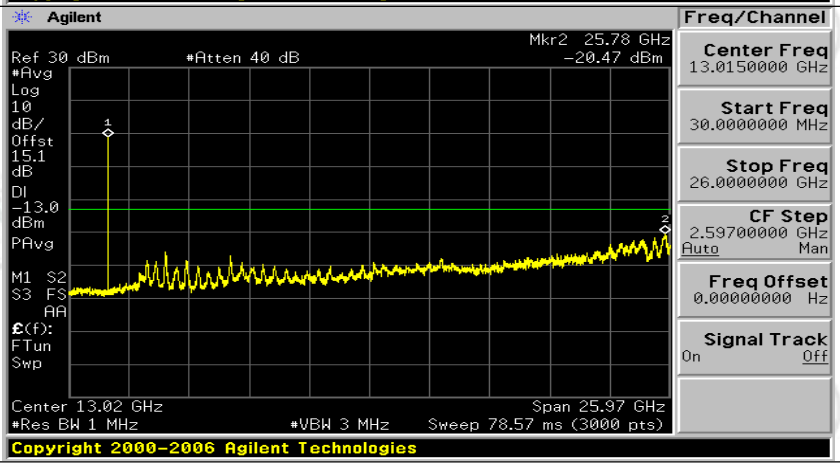




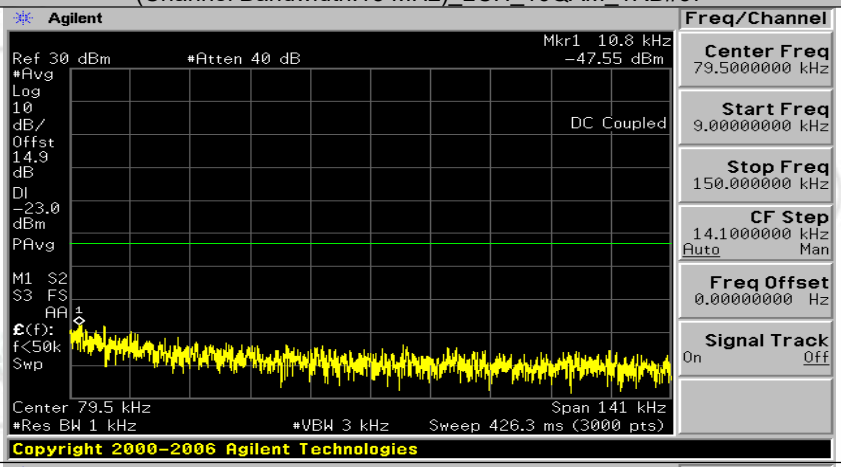
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0

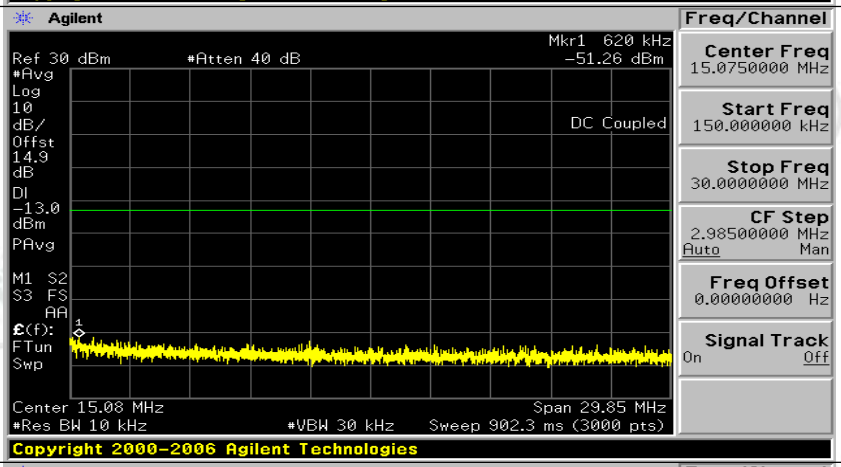


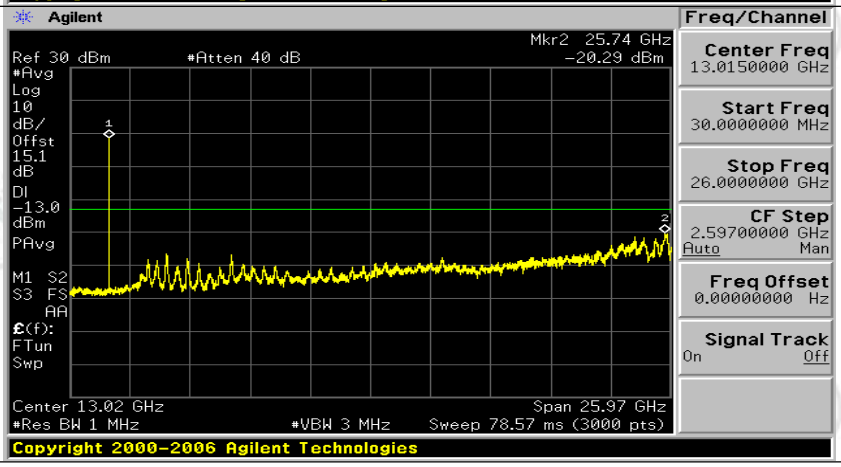




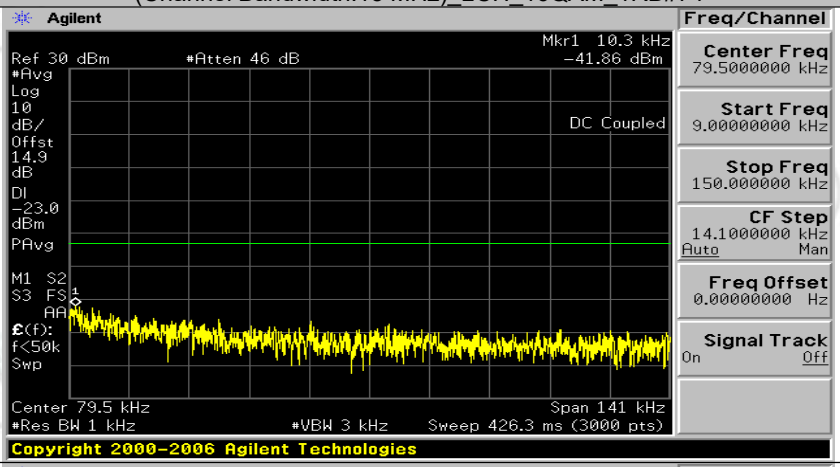
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37

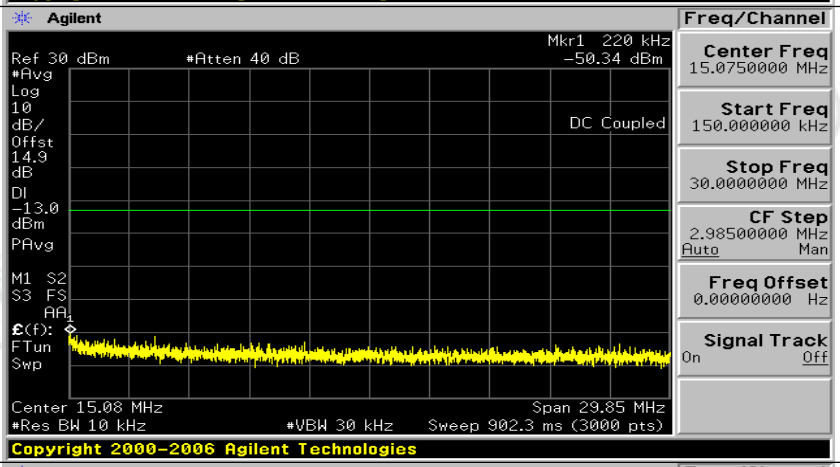


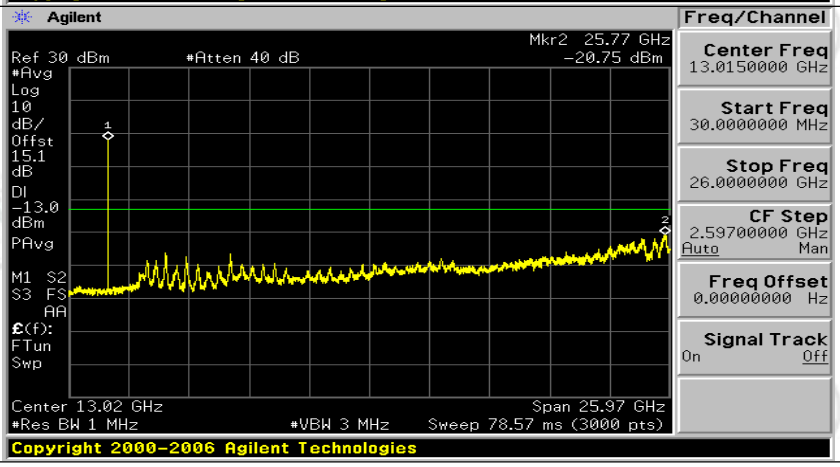




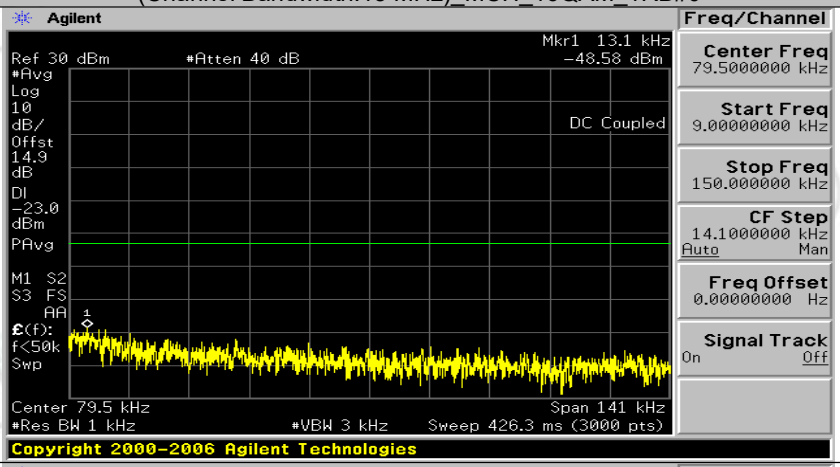
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74

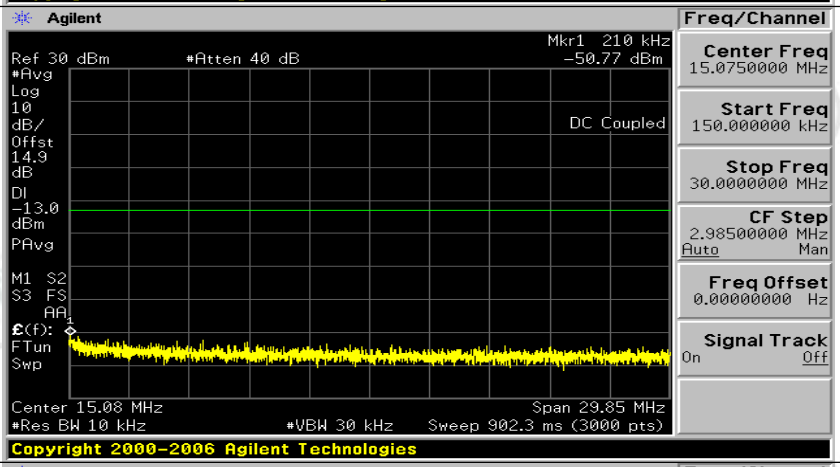


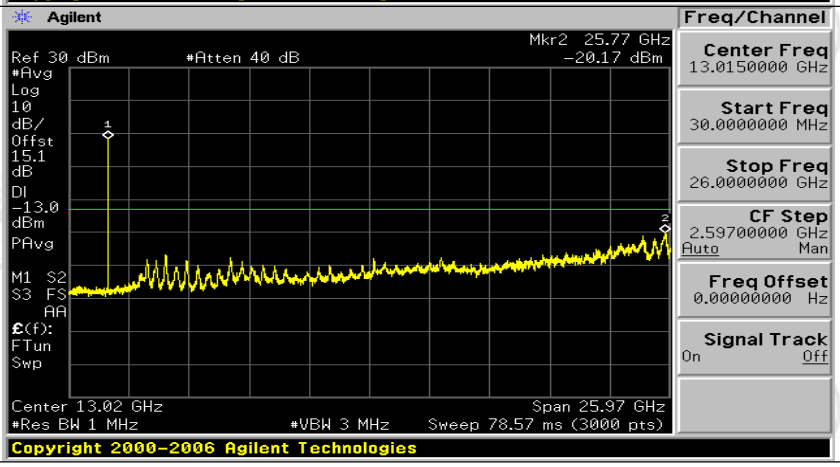




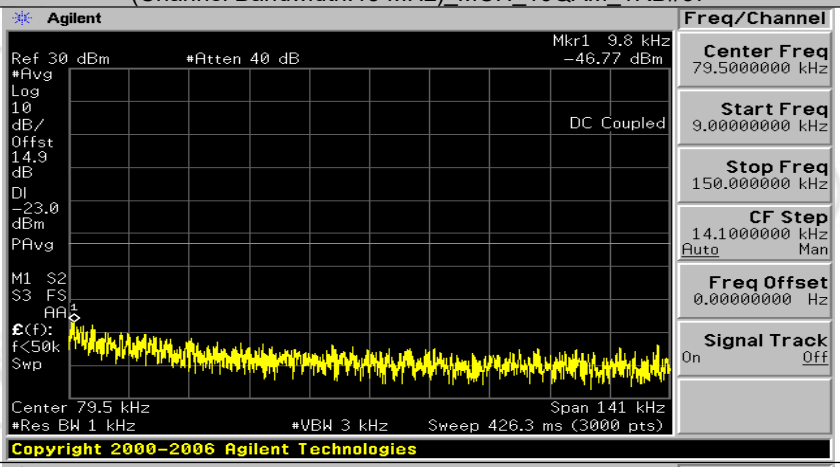
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

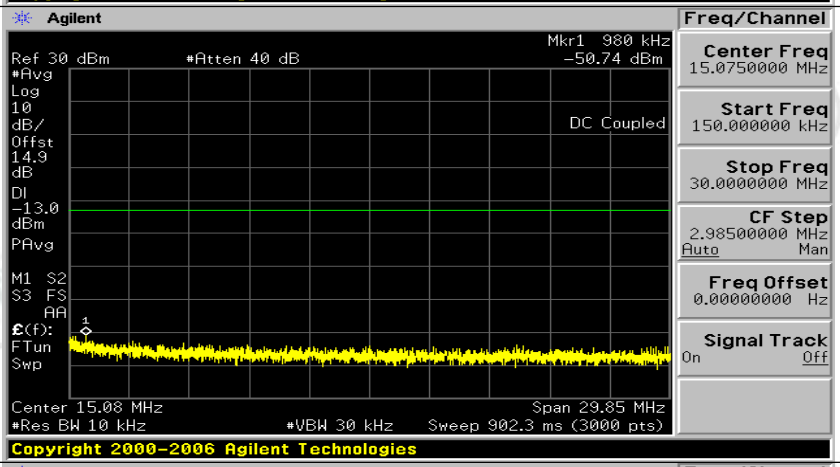


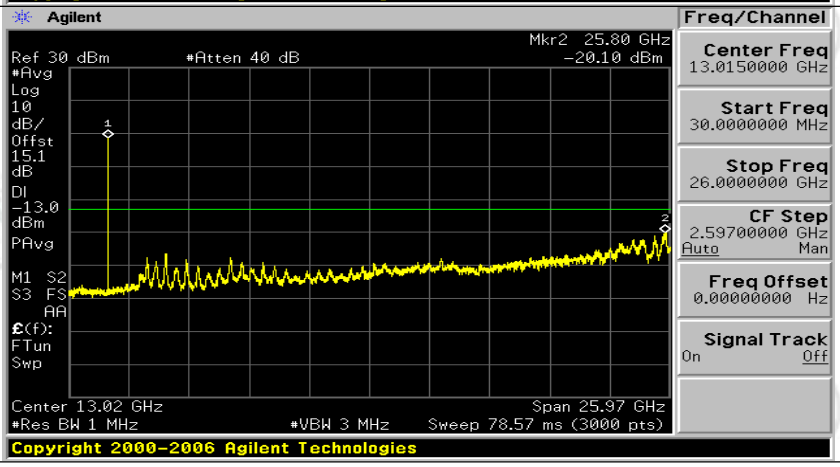




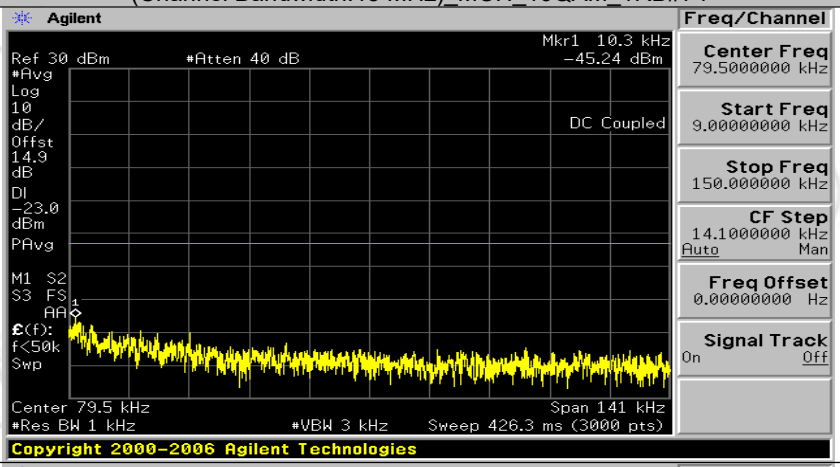
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

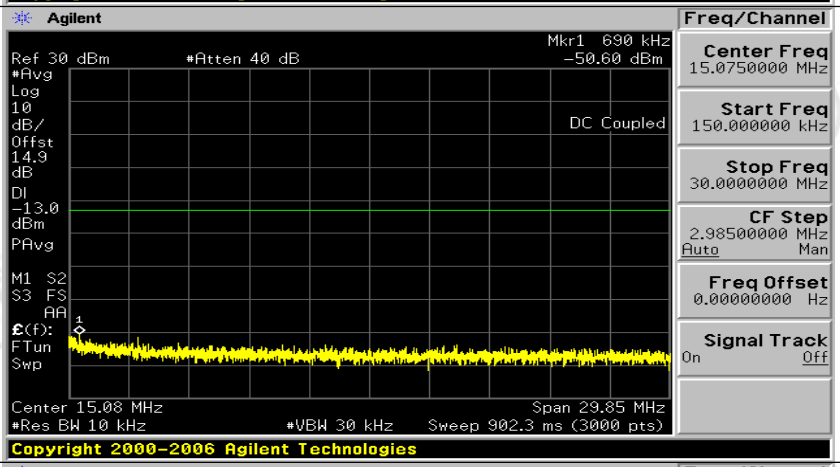


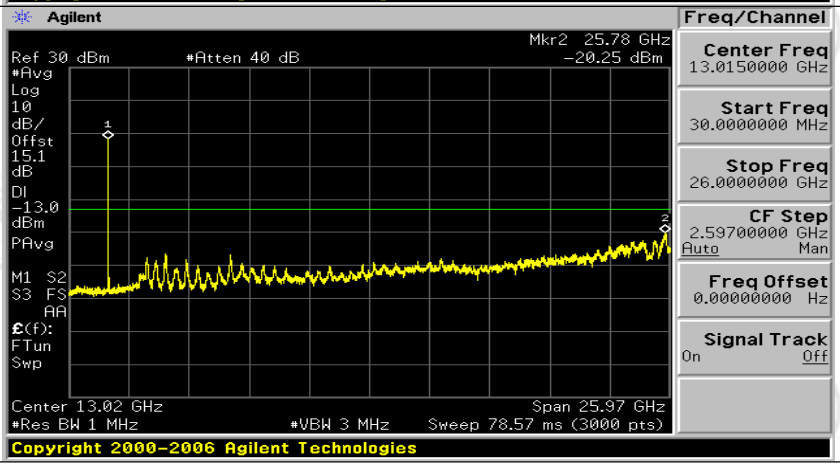




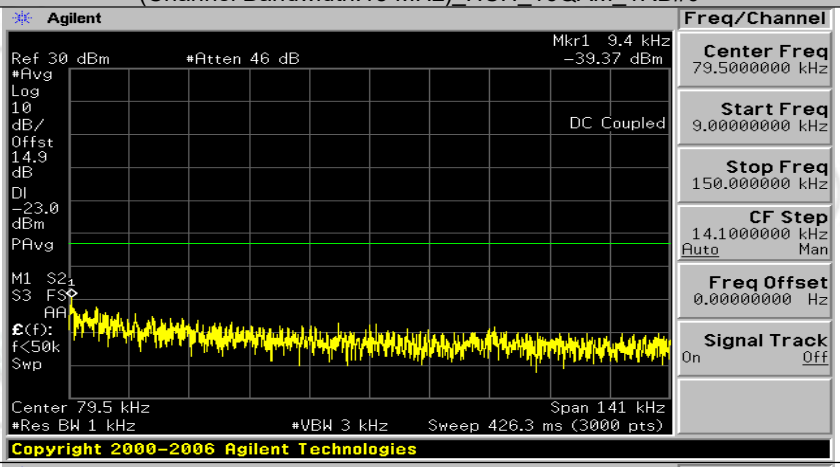
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74

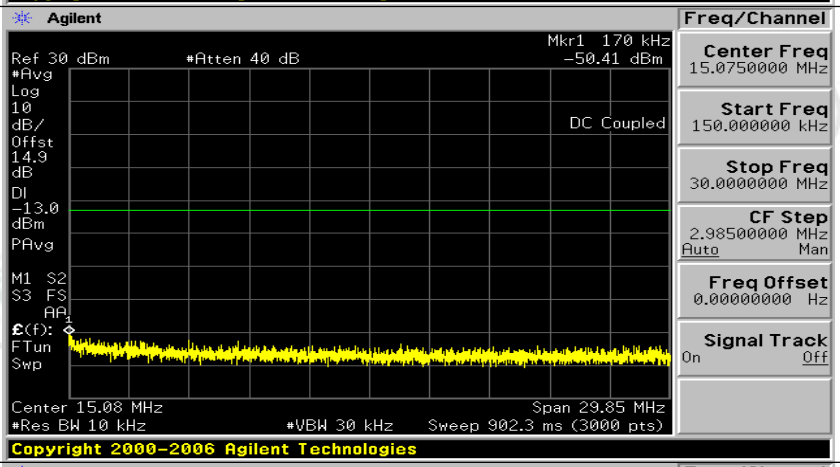


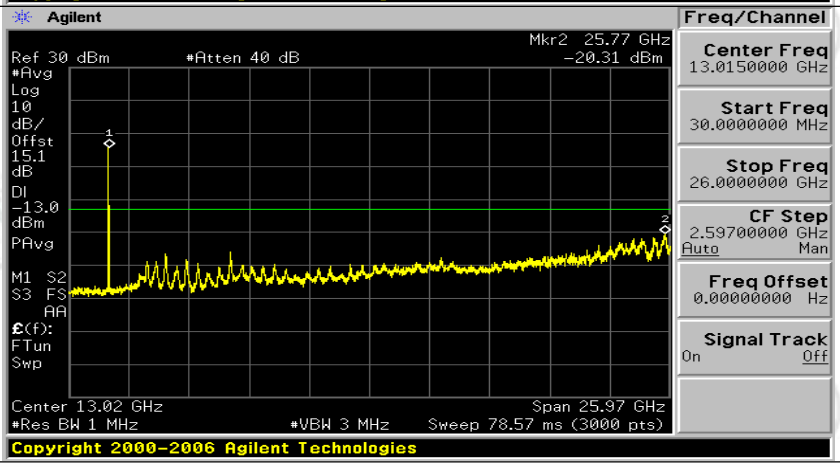




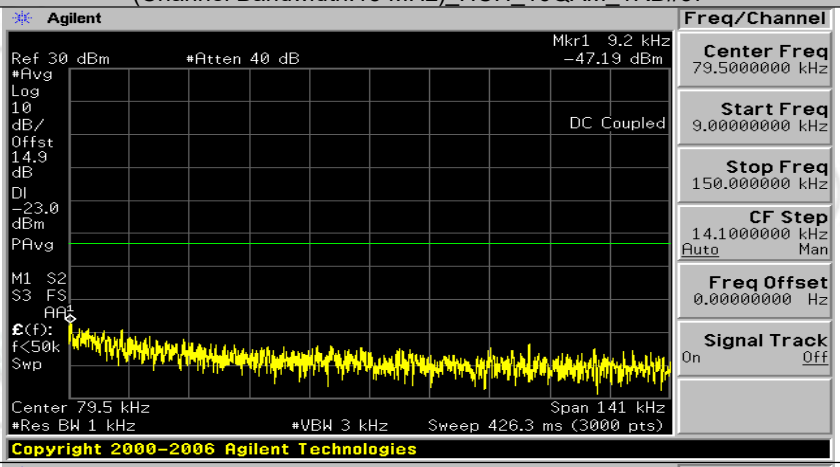
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

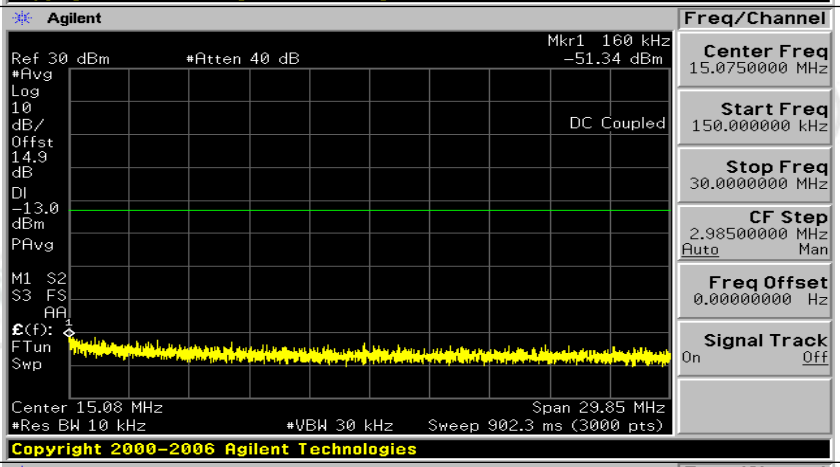


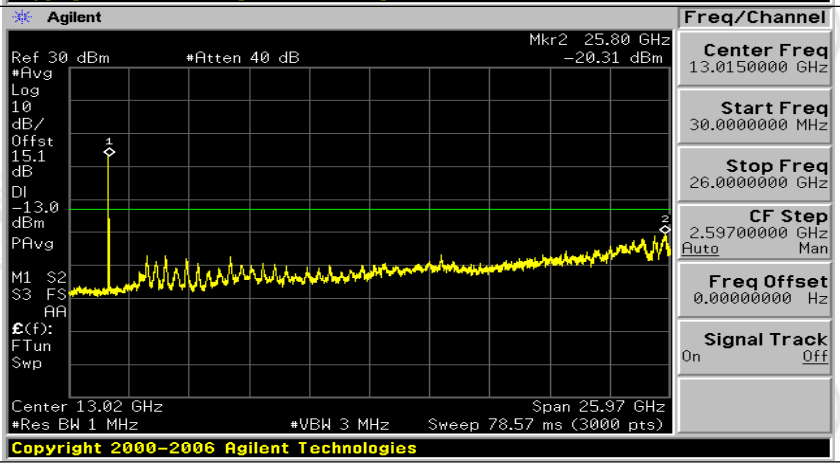




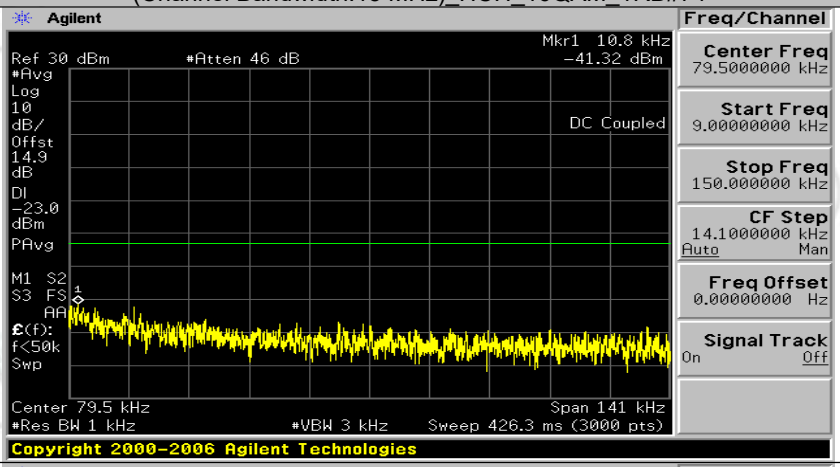
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37

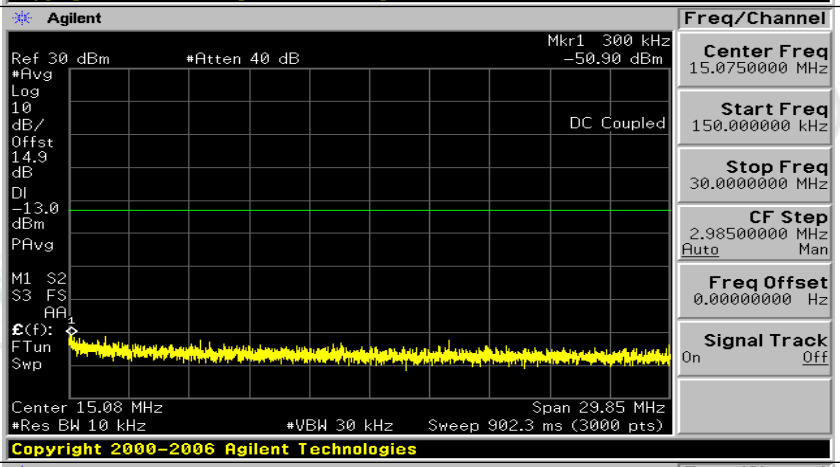


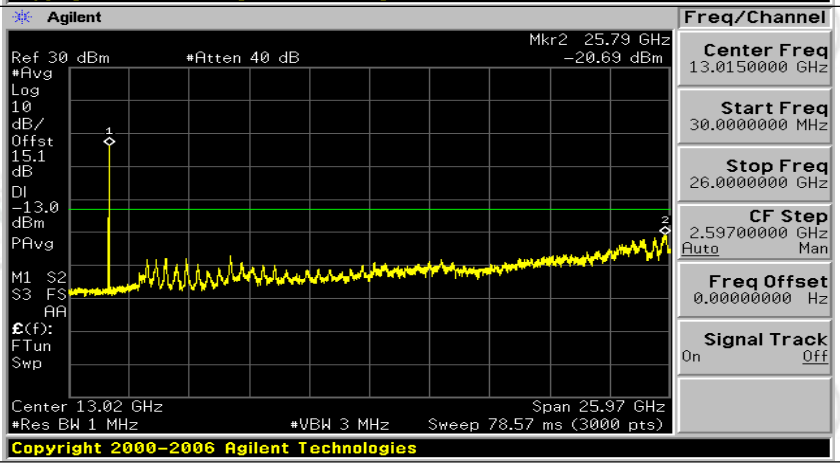




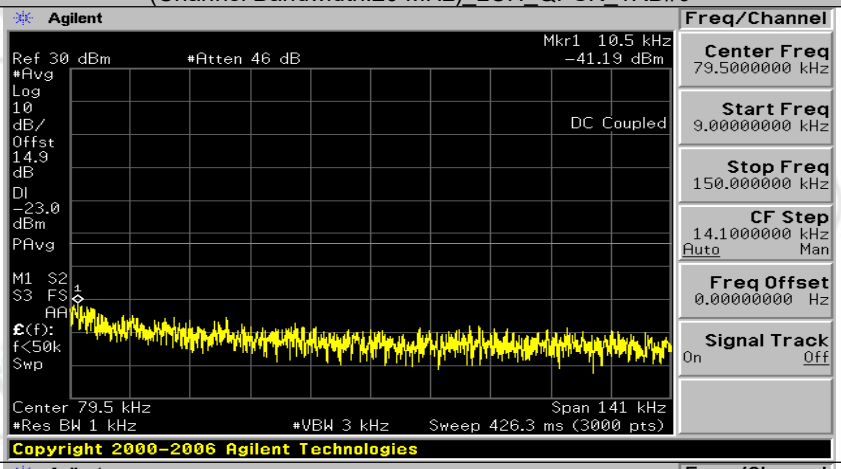
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74

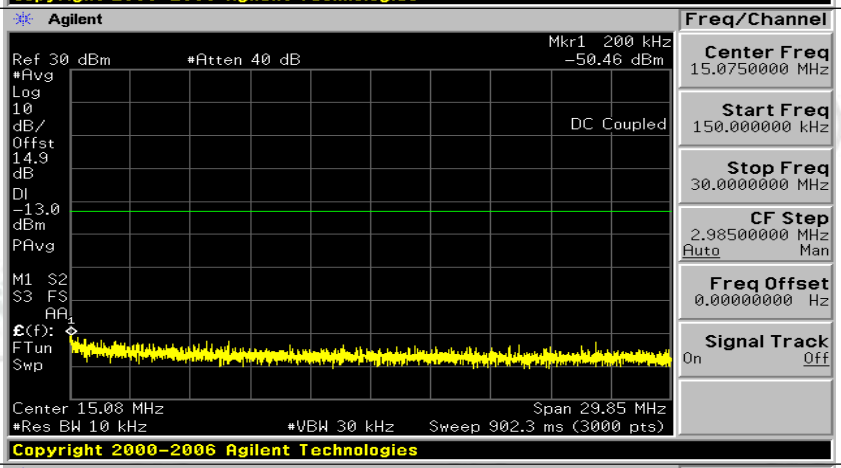


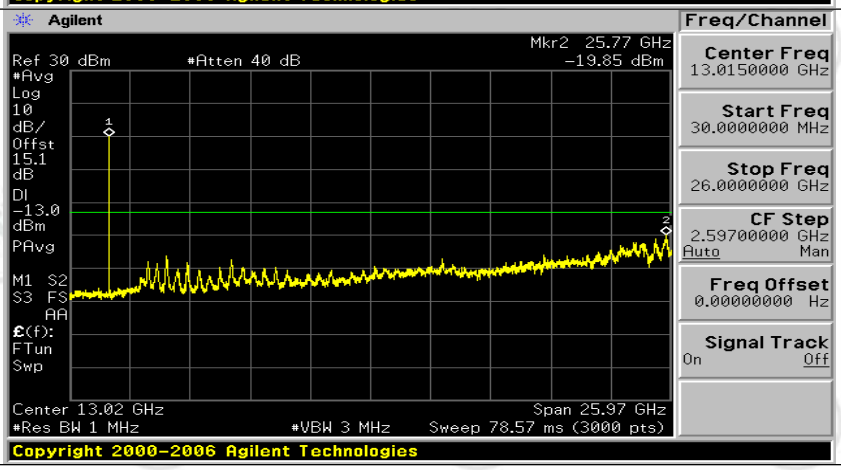




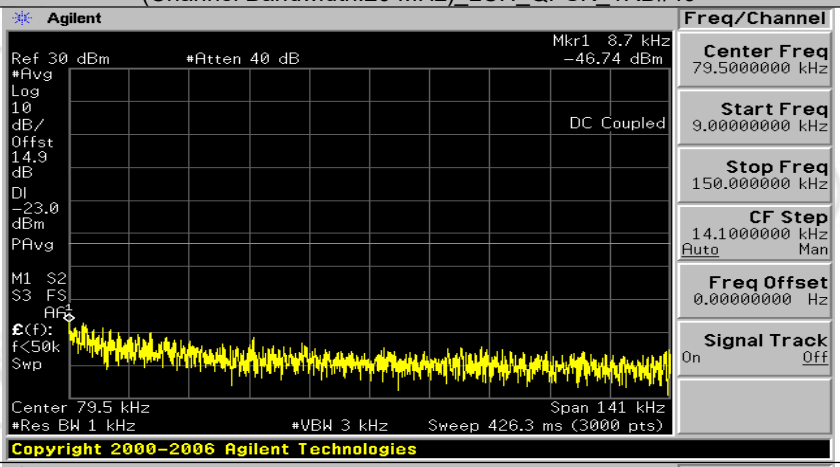
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0

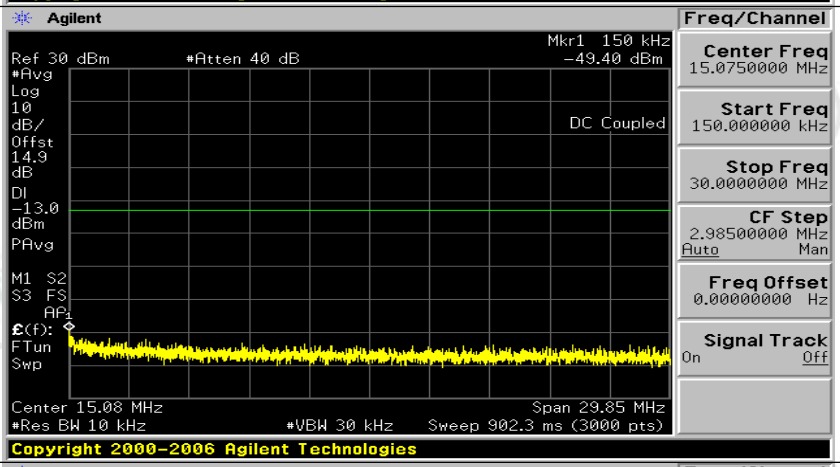


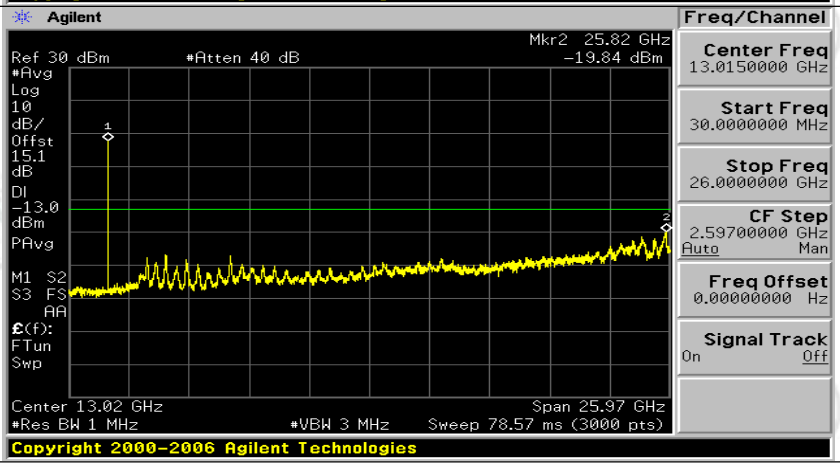




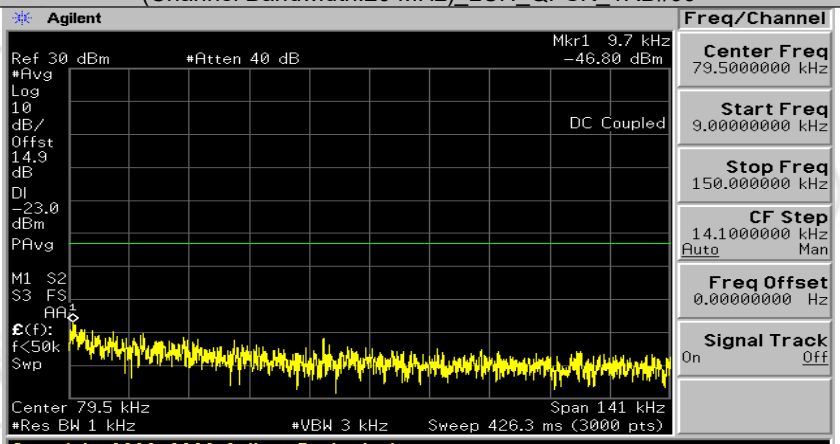
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#49

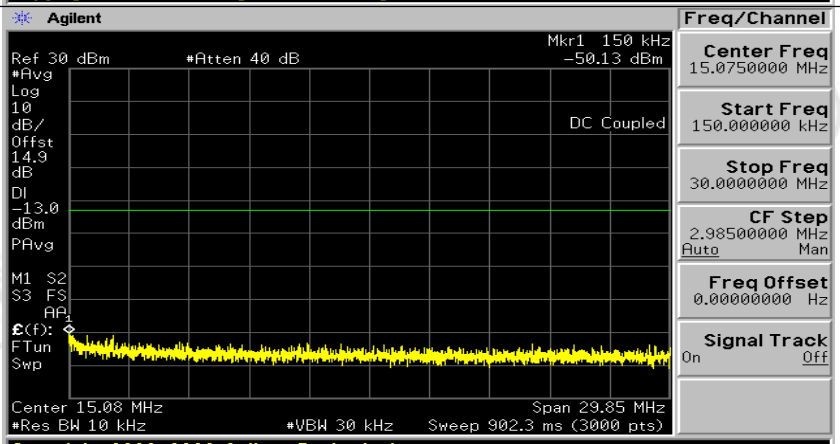


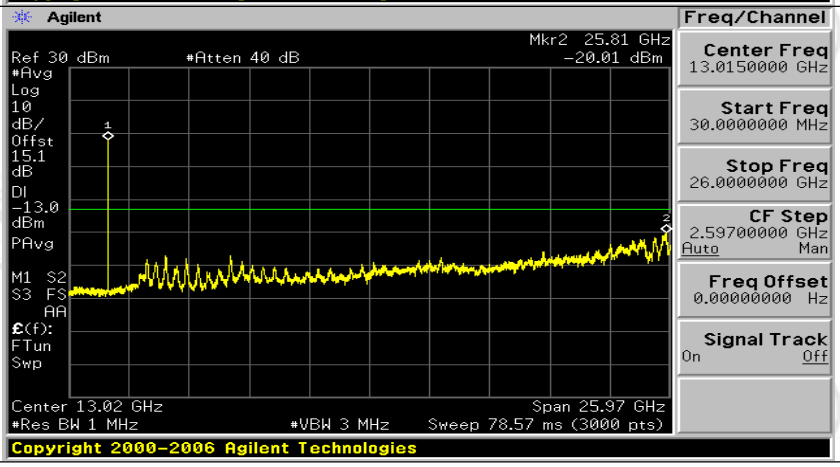




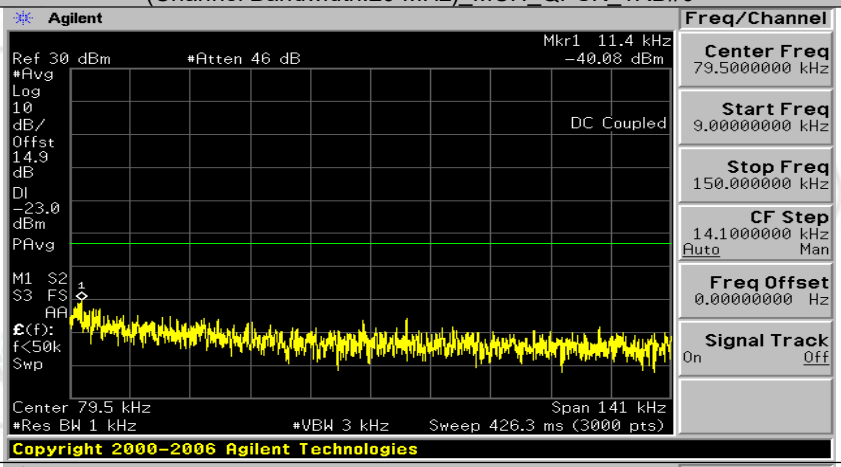
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99

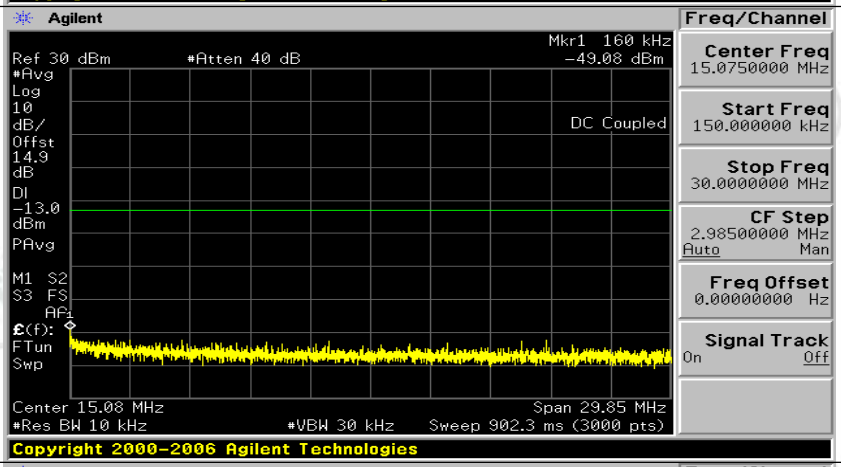


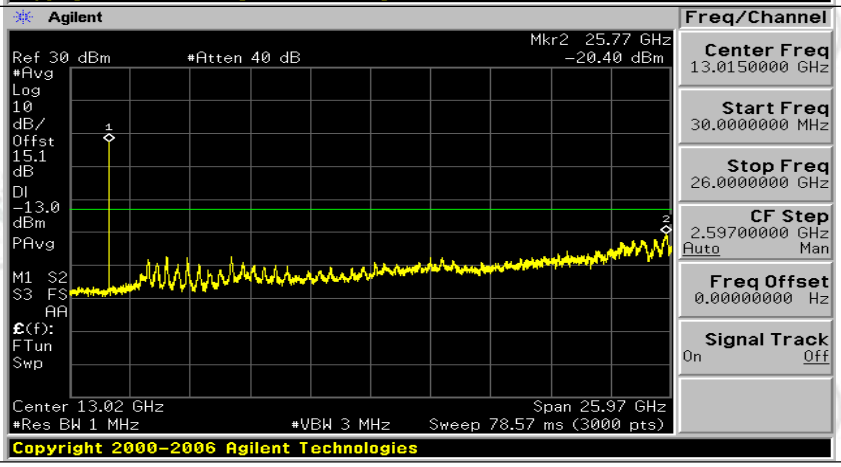




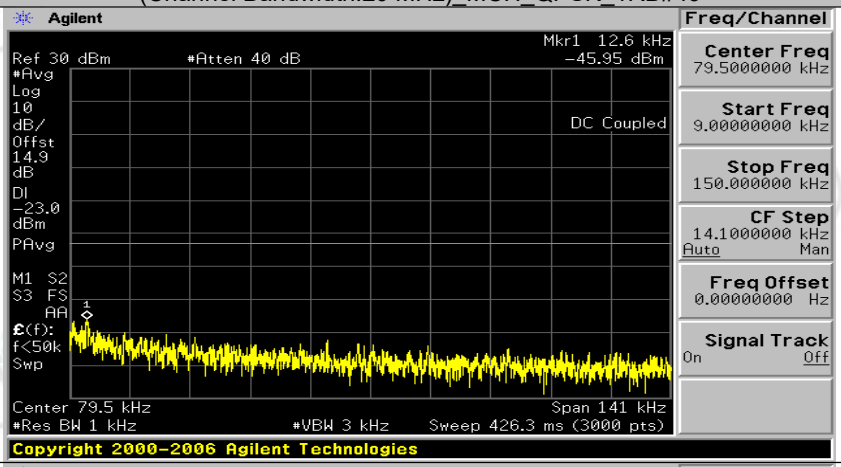
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

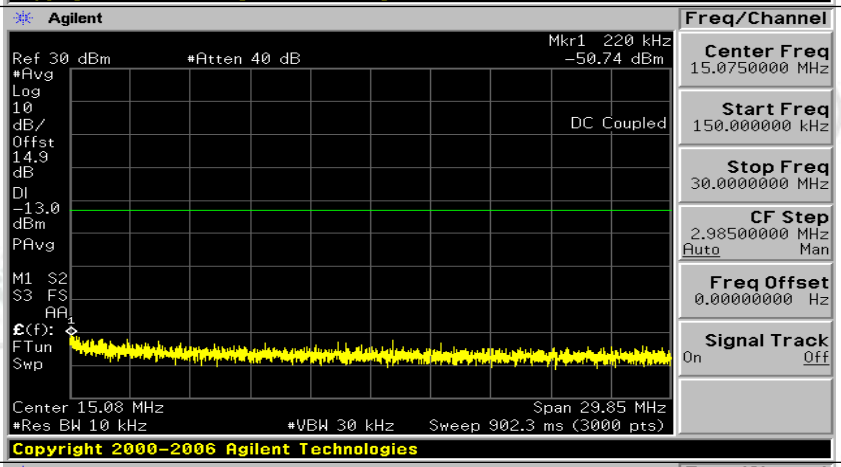


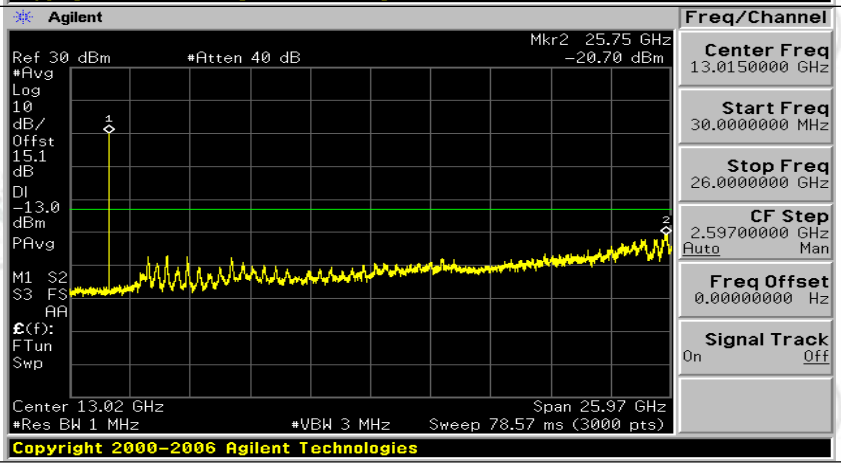




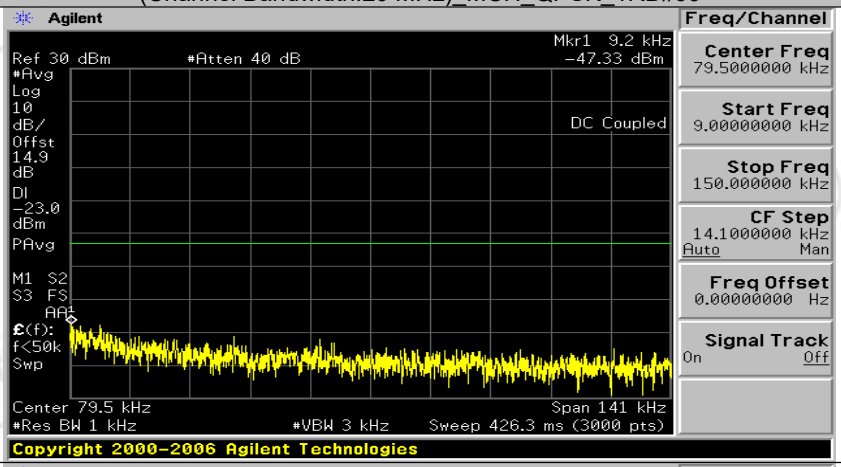
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49

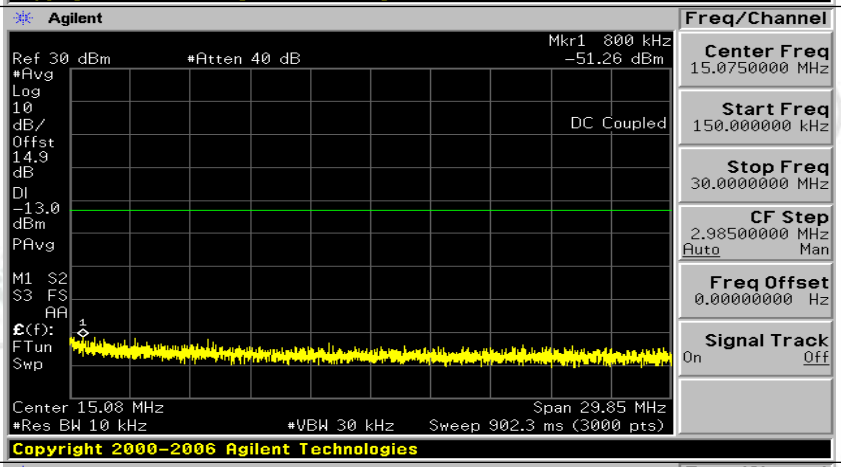


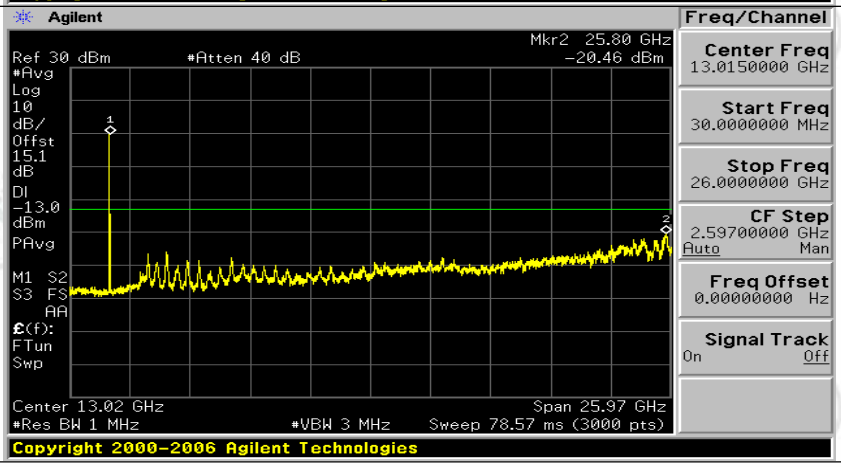




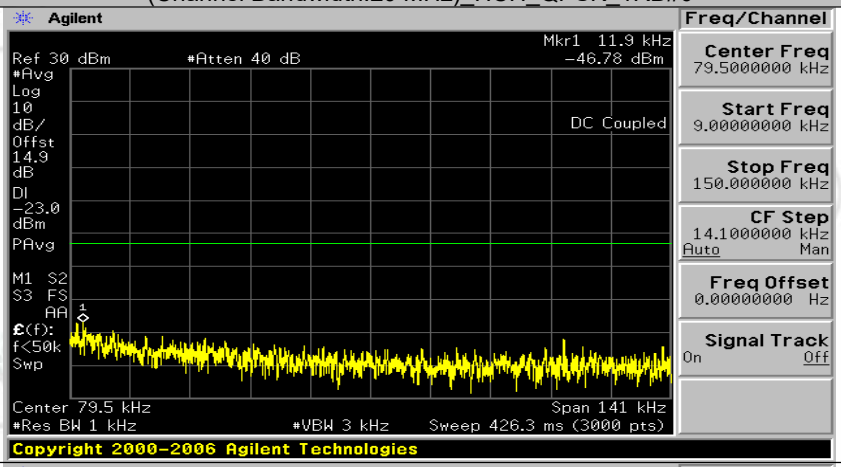
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99

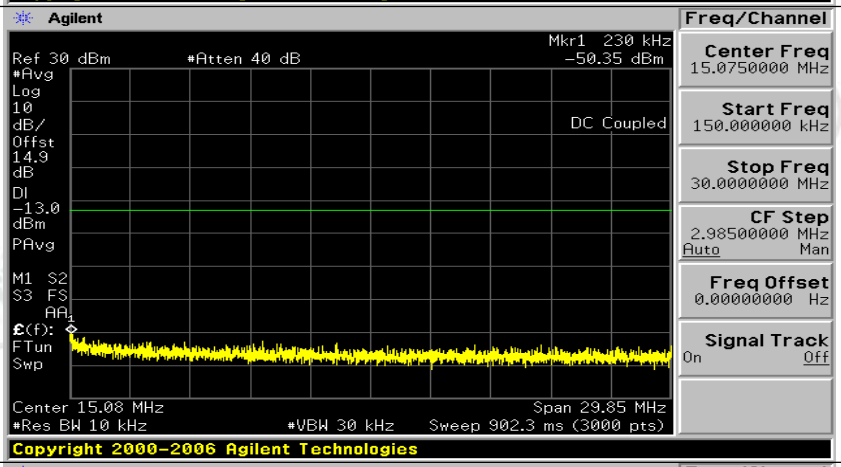


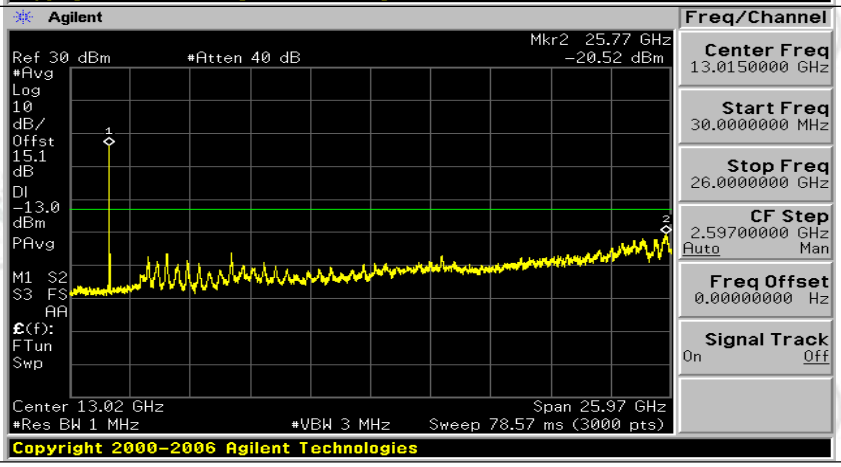




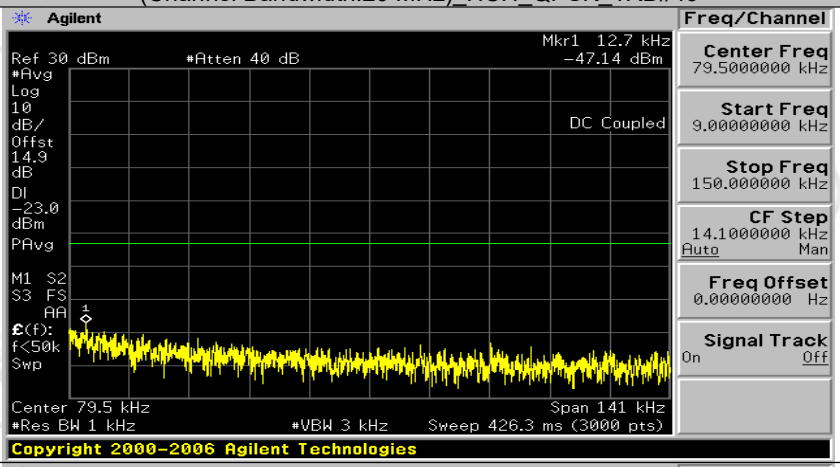
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

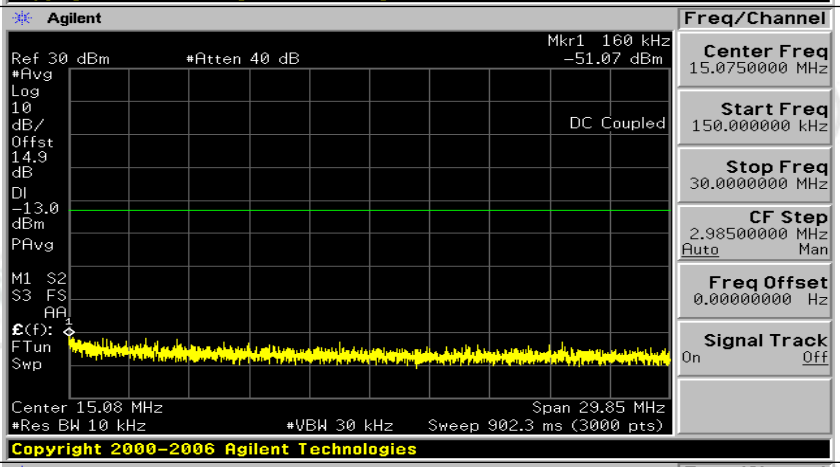


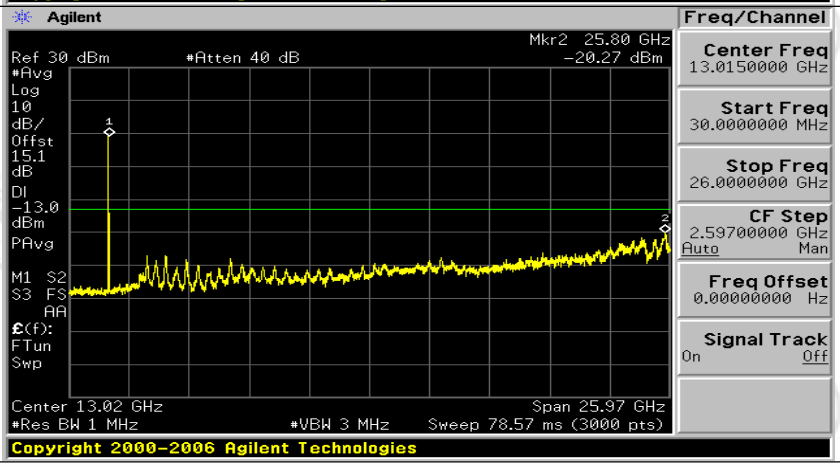




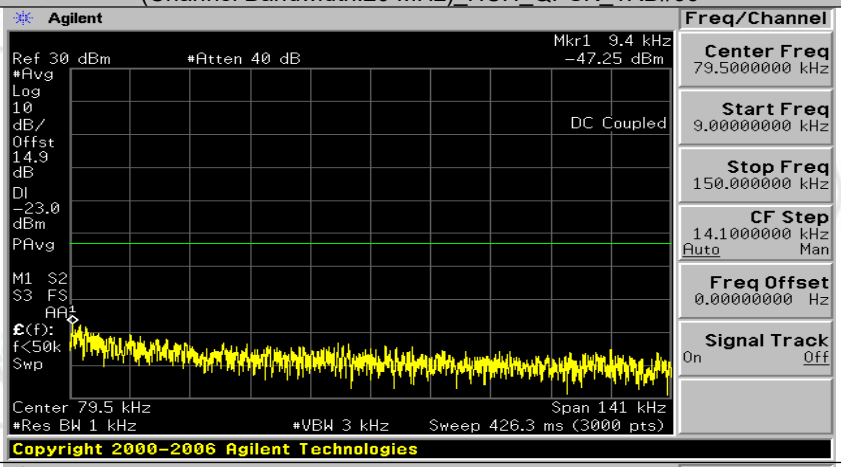
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49

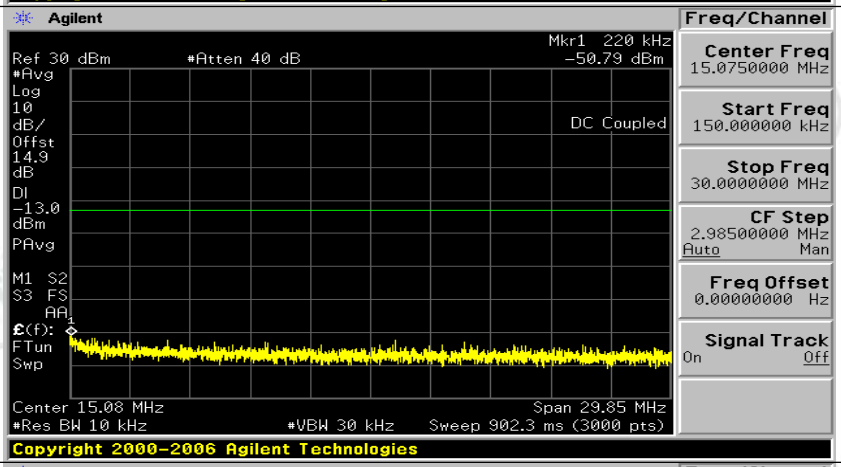


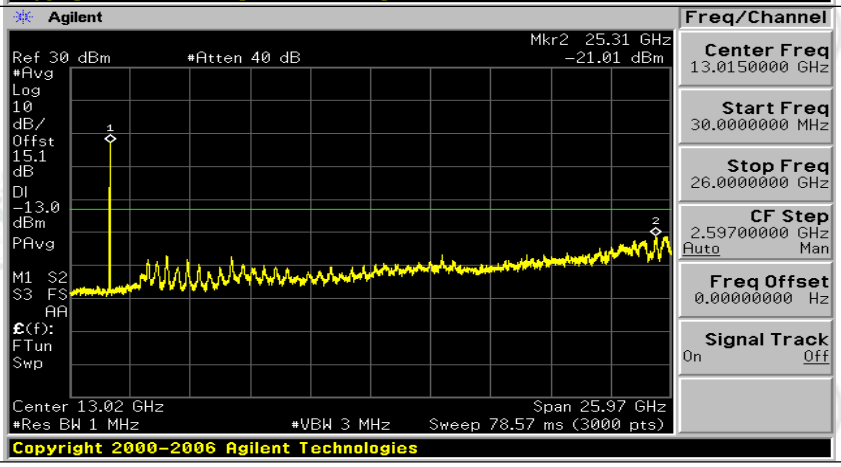




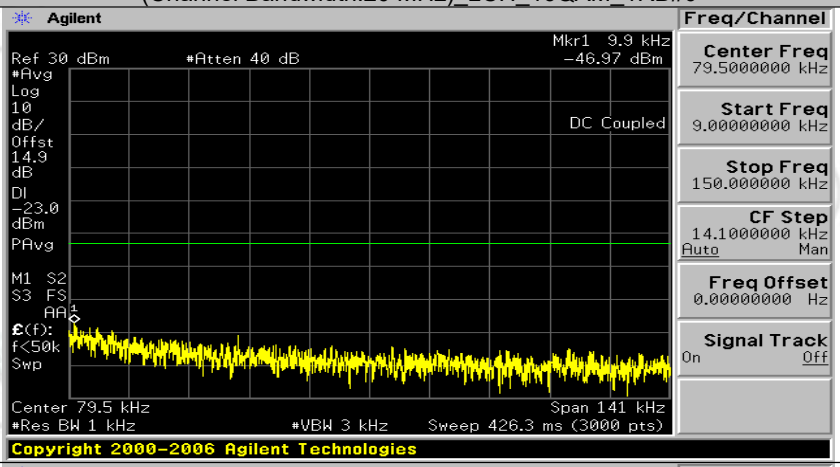
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99

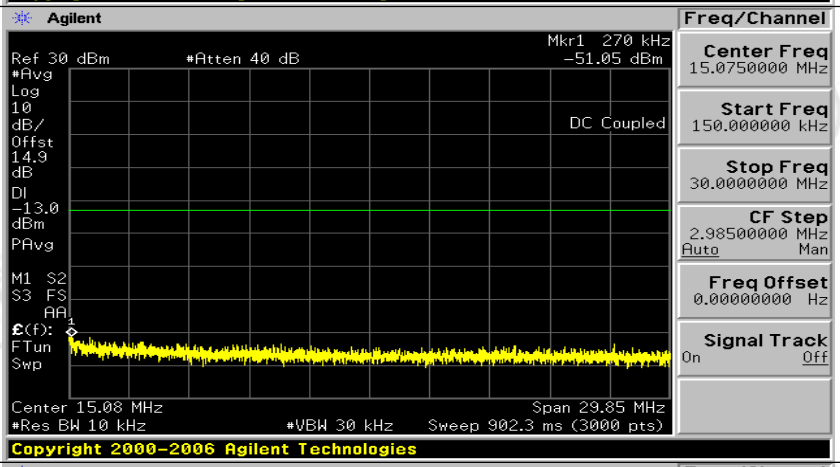


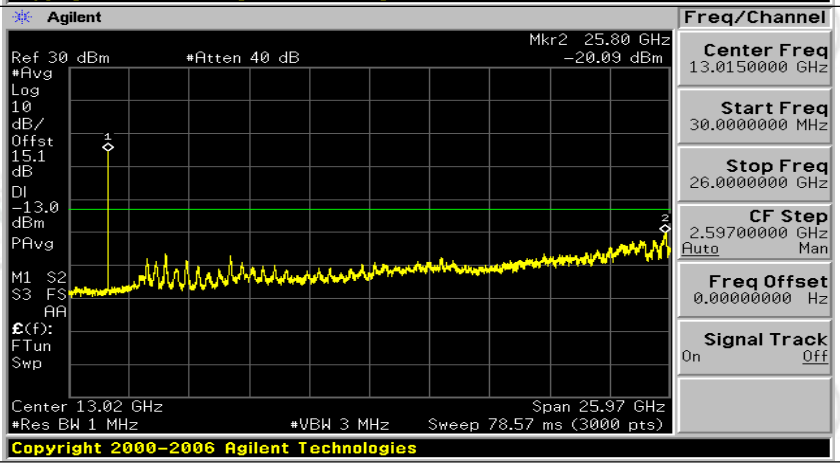




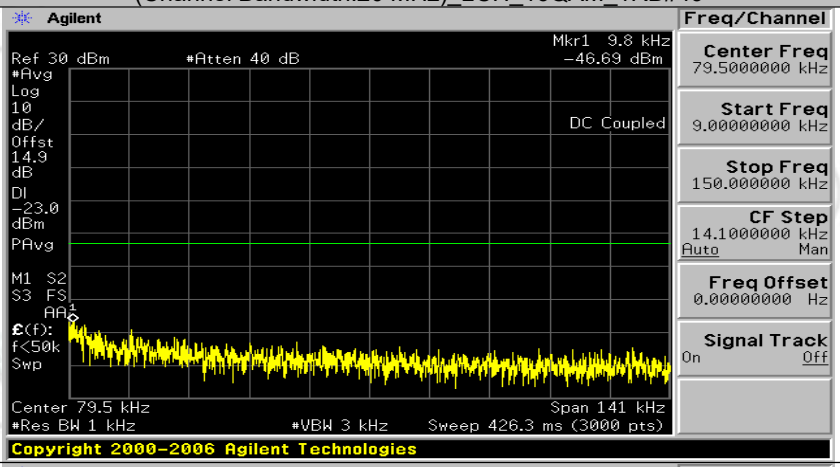
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0

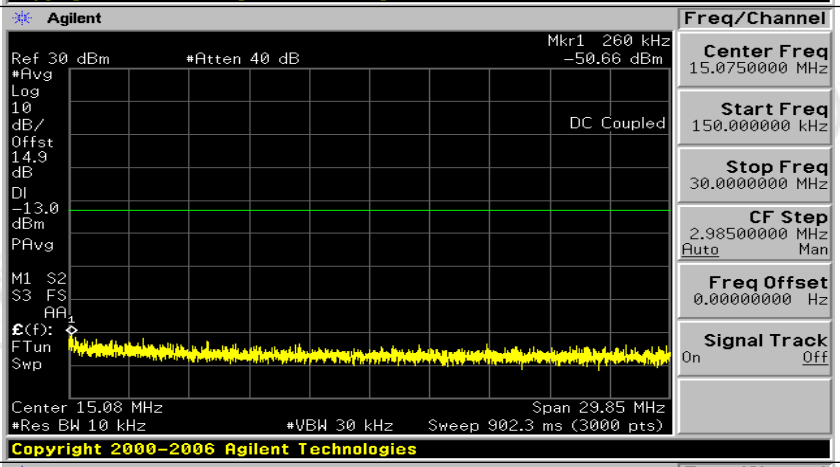


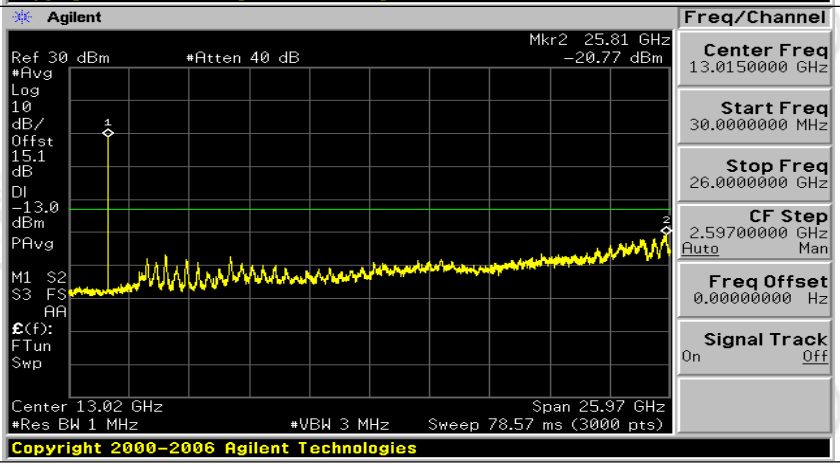




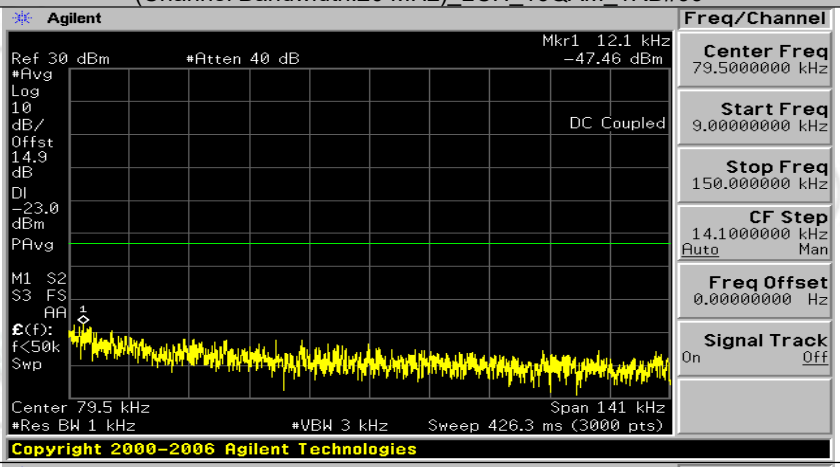
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49

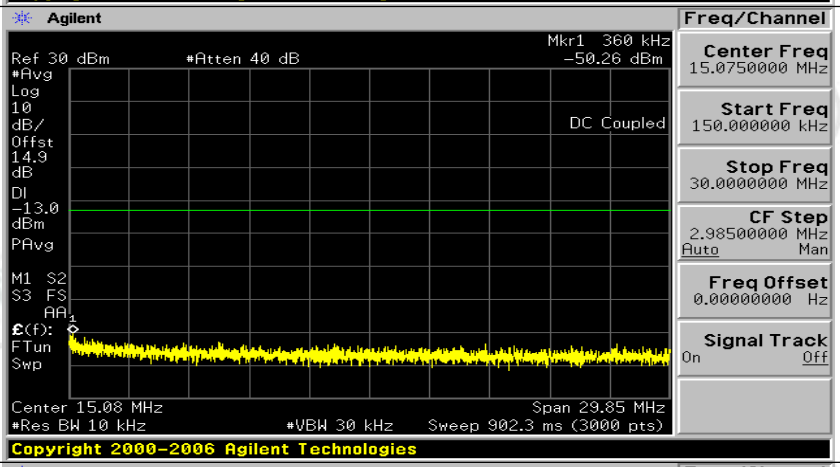


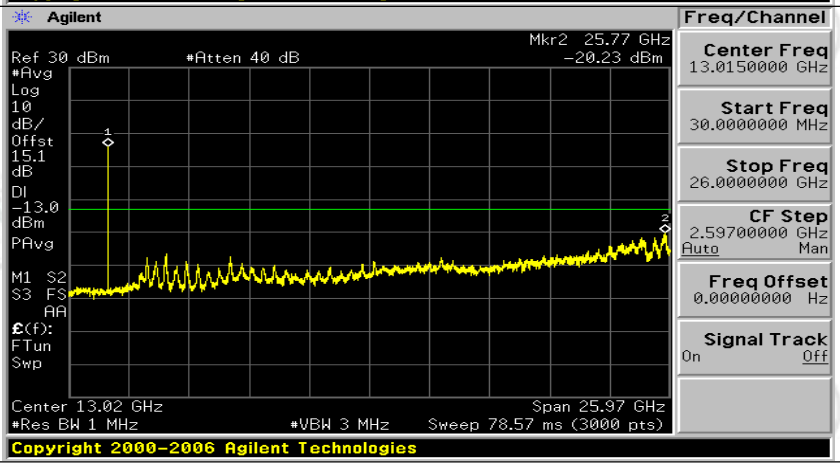




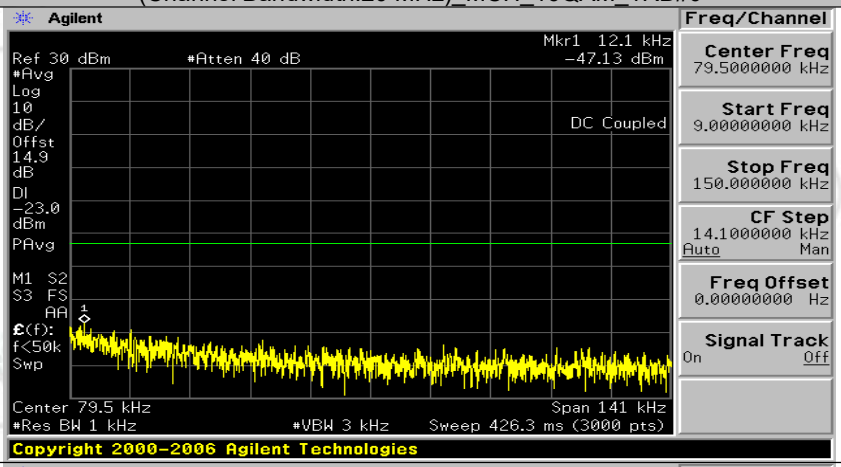
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99

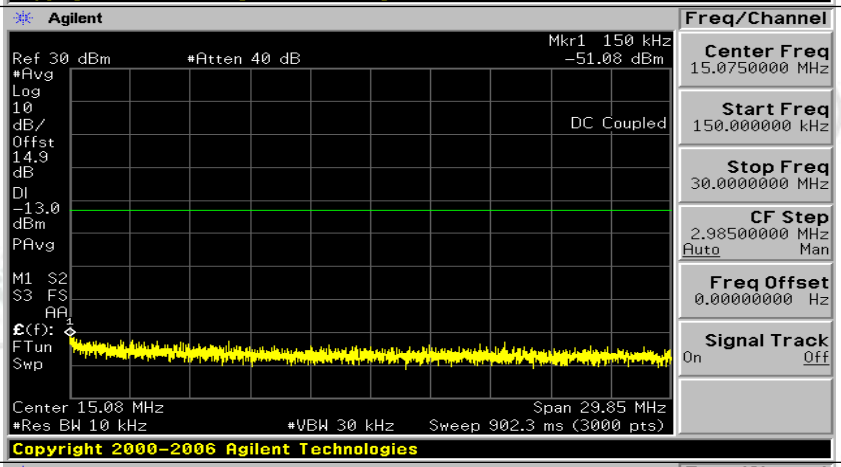


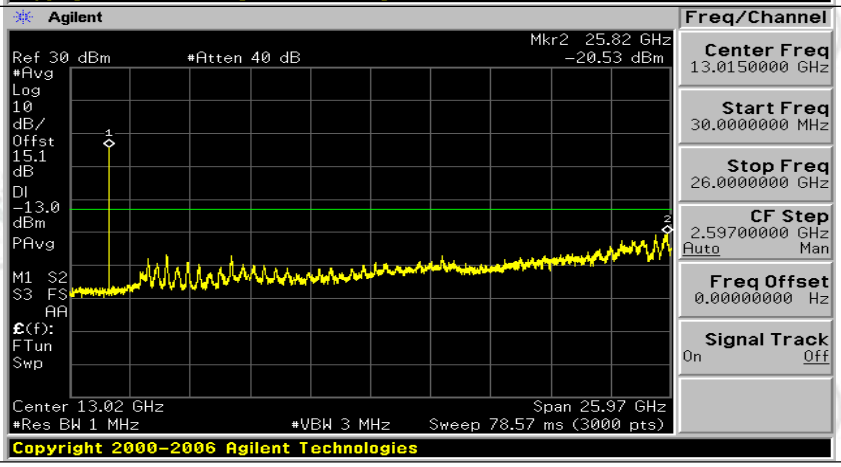




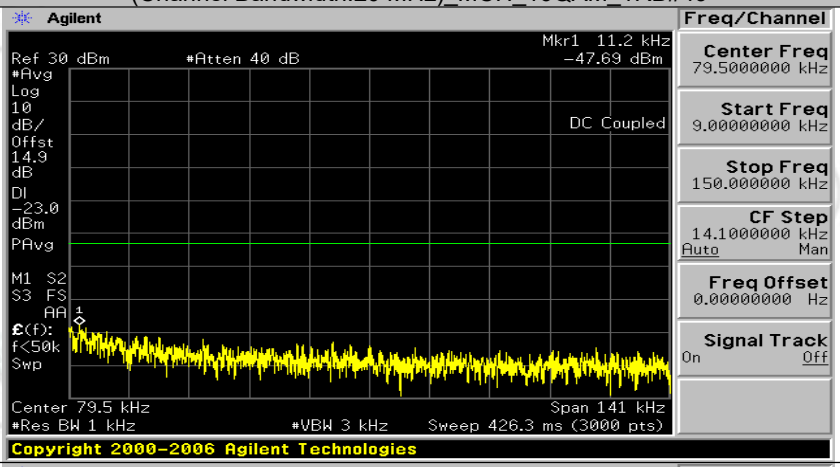
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

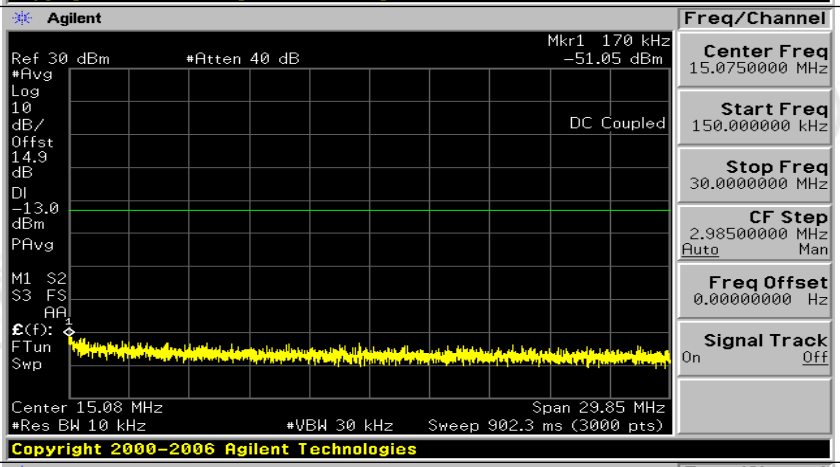


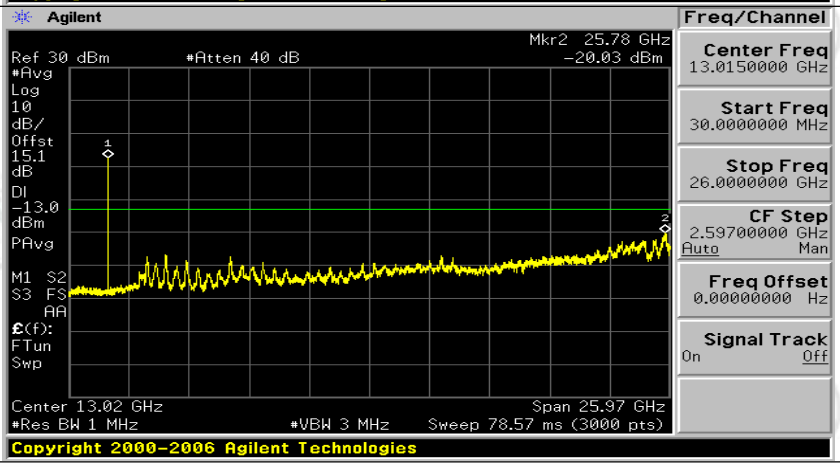




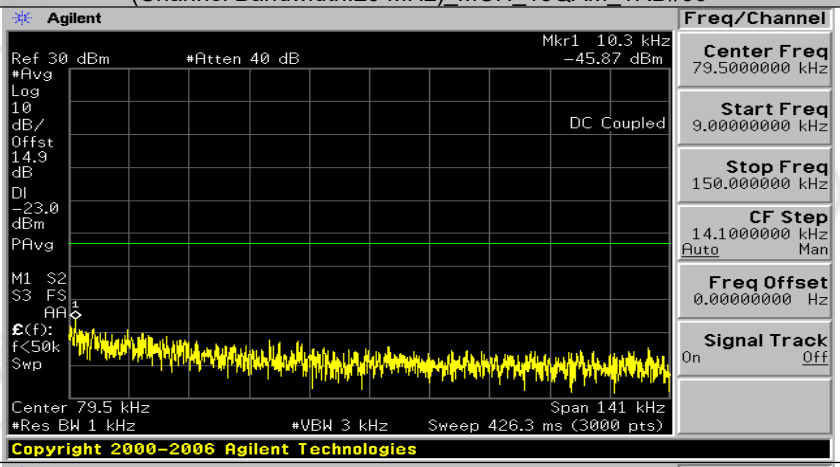
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

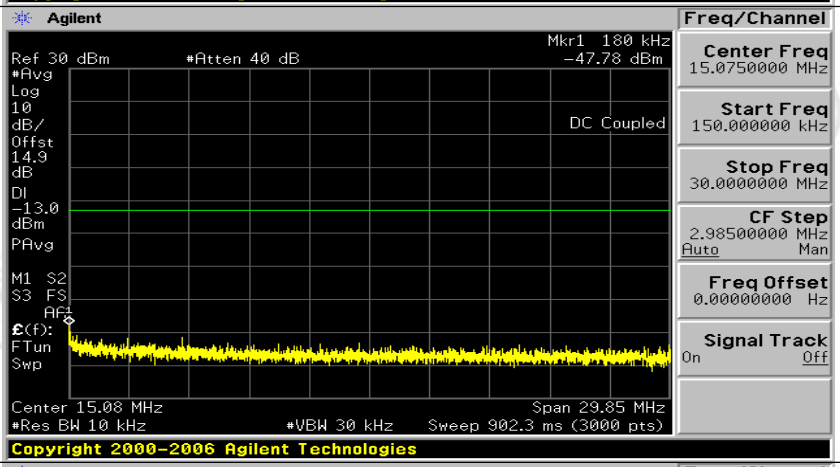


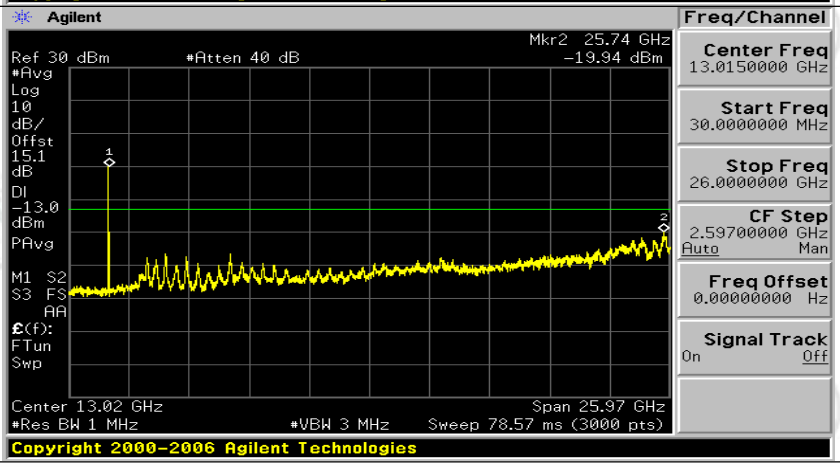




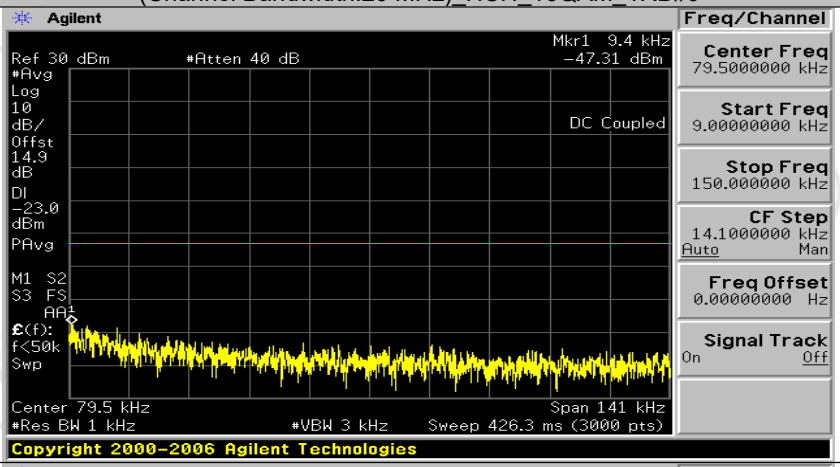
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99

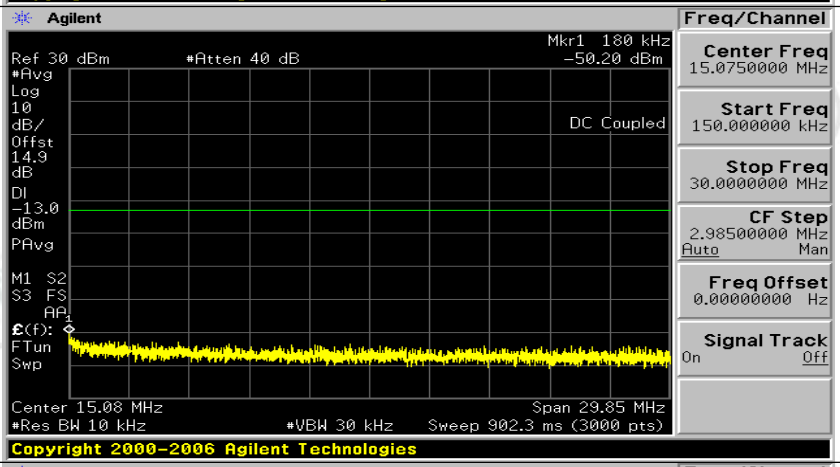


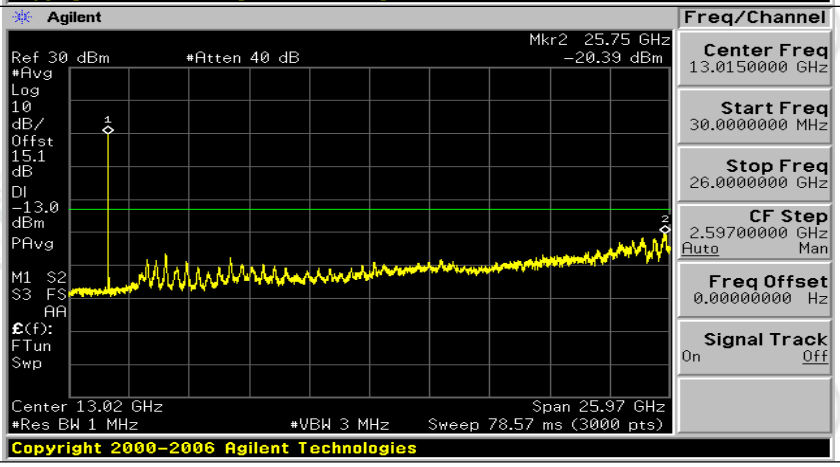




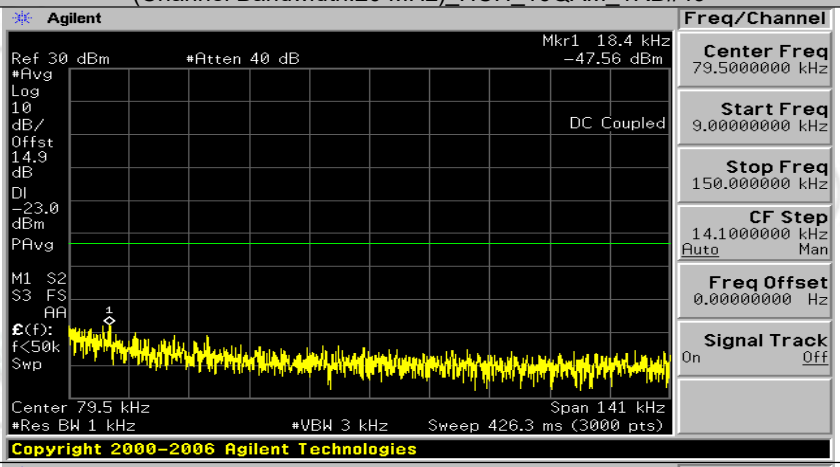
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0

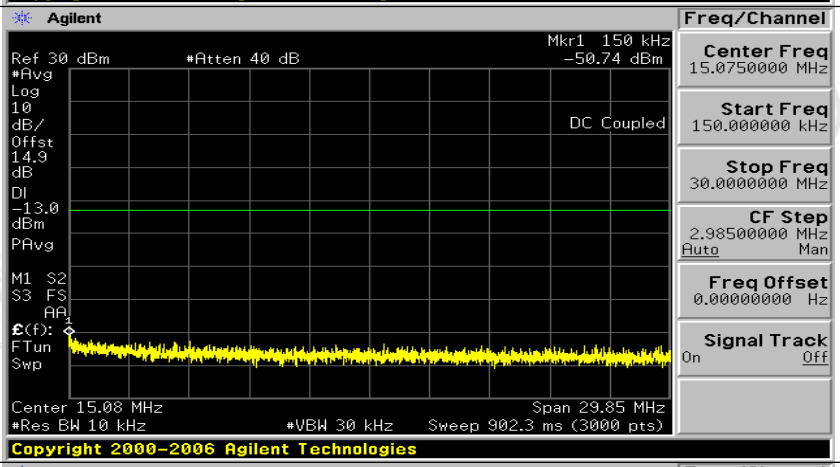


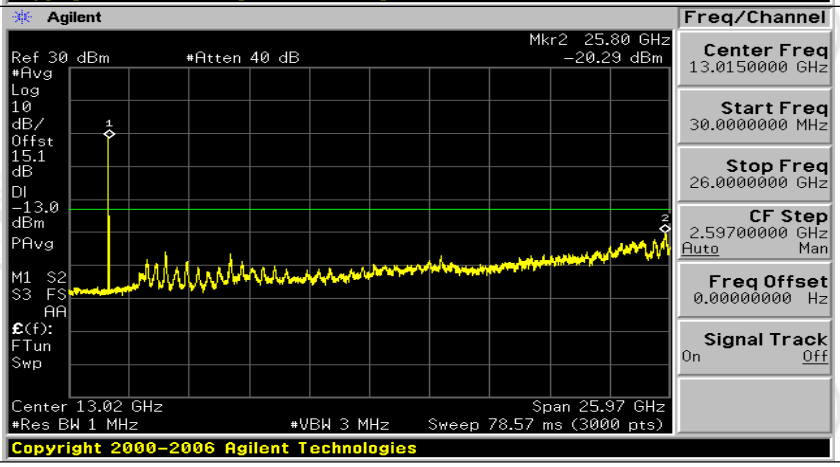




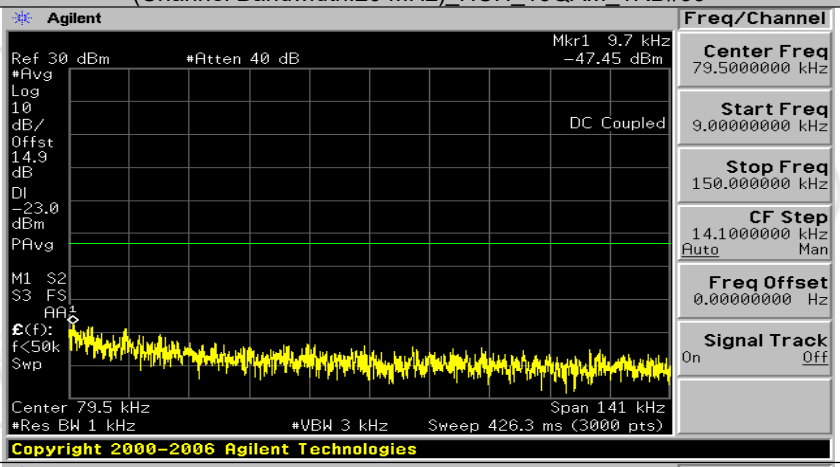
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49

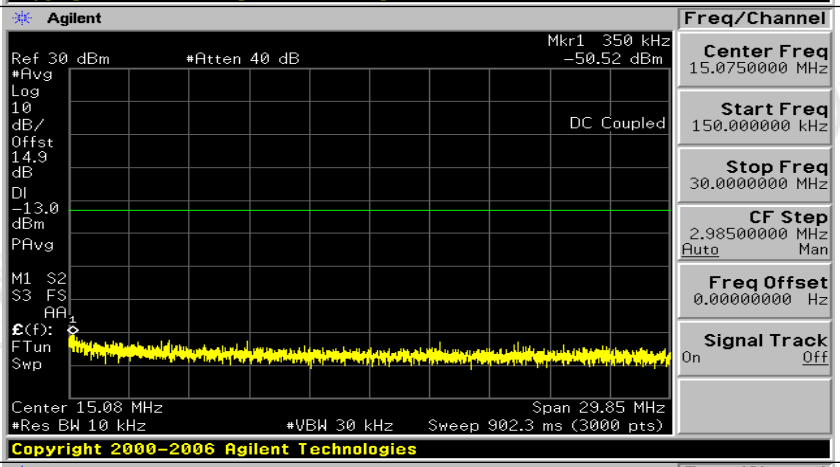


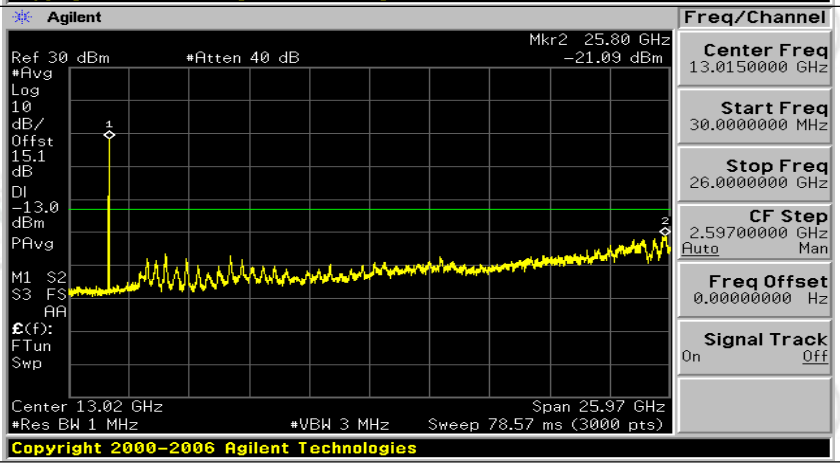




(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99







Appendix F): Frequency Stability

Test Result

(VL is 2.805V, VN is 3.3V, VH is 3.795V)

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	13.83	0.008086	± 2.5	PASS
		VN	TN	12.22	0.007141	± 2.5	PASS
		VH	TN	38.80	0.022678	± 2.5	PASS
	MCH	VL	TN	-3.19	-0.001841	± 2.5	PASS
		VN	TN	-5.82	-0.003361	± 2.5	PASS
		VH	TN	-13.16	-0.007596	± 2.5	PASS
	HCH	VL	TN	20.71	0.011807	± 2.5	PASS
		VN	TN	20.41	0.011636	± 2.5	PASS
		VH	TN	20.89	0.011905	± 2.5	PASS
16QAM	LCH	VL	TN	35.99	0.021039	± 2.5	PASS
		VN	TN	23.76	0.013890	± 2.5	PASS
		VH	TN	-5.25	-0.003069	± 2.5	PASS
	MCH	VL	TN	-40.20	-0.023202	± 2.5	PASS
		VN	TN	-39.90	-0.023029	± 2.5	PASS
		VH	TN	-41.80	-0.024127	± 2.5	PASS
	HCH	VL	TN	34.12	0.019448	± 2.5	PASS
		VN	TN	23.65	0.013479	± 2.5	PASS
		VH	TN	36.59	0.020859	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	10.59	0.006188	± 2.5	PASS
		VN	-20	21.40	0.012510	± 2.5	PASS
		VN	-10	30.43	0.017786	± 2.5	PASS
		VN	0	38.18	0.022319	± 2.5	PASS
		VN	10	8.98	0.005251	± 2.5	PASS
		VN	20	15.68	0.009165	± 2.5	PASS
		VN	30	25.33	0.014809	± 2.5	PASS
		VN	40	32.24	0.018848	± 2.5	PASS
		VN	50	36.39	0.021273	± 2.5	PASS
	MCH	VN	-30	-36.48	-0.021055	± 2.5	PASS
		VN	-20	-3.76	-0.002172	± 2.5	PASS
		VN	-10	-22.36	-0.012906	± 2.5	PASS
		VN	0	-39.11	-0.022574	± 2.5	PASS
		VN	10	-12.93	-0.007464	± 2.5	PASS
		VN	20	-23.73	-0.013698	± 2.5	PASS
		VN	30	-32.96	-0.019024	± 2.5	PASS
		VN	40	-8.58	-0.004954	± 2.5	PASS
		VN	50	-17.31	-0.009991	± 2.5	PASS
	HCH	VN	-30	10.69	0.006091	± 2.5	PASS
		VN	-20	15.39	0.008774	± 2.5	PASS
		VN	-10	12.45	0.007094	± 2.5	PASS

		VN	0	12.27	0.006996	± 2.5	PASS
		VN	10	15.23	0.008684	± 2.5	PASS
		VN	20	12.82	0.007306	± 2.5	PASS
		VN	30	10.61	0.006051	± 2.5	PASS
		VN	40	9.53	0.005431	± 2.5	PASS
		VN	50	9.97	0.005684	± 2.5	PASS
16QAM	LCH	VN	-30	-2.85	-0.001664	± 2.5	PASS
		VN	-20	3.45	0.002015	± 2.5	PASS
		VN	-10	14.71	0.008596	± 2.5	PASS
		VN	0	25.26	0.014768	± 2.5	PASS
		VN	10	29.57	0.017285	± 2.5	PASS
		VN	20	-2.47	-0.001447	± 2.5	PASS
		VN	30	5.92	0.003462	± 2.5	PASS
		VN	40	15.66	0.009157	± 2.5	PASS
		VN	50	20.91	0.012225	± 2.5	PASS
	MCH	VN	-30	-40.43	-0.023334	± 2.5	PASS
		VN	-20	-45.86	-0.026472	± 2.5	PASS
		VN	-10	-10.36	-0.005978	± 2.5	PASS
		VN	0	-13.56	-0.007828	± 2.5	PASS
		VN	10	-10.37	-0.005986	± 2.5	PASS
		VN	20	-9.71	-0.005606	± 2.5	PASS
		VN	30	-5.76	-0.003328	± 2.5	PASS
		VN	40	-10.43	-0.006019	± 2.5	PASS
		VN	50	-7.18	-0.004145	± 2.5	PASS
	HCH	VN	-30	-10.81	-0.006165	± 2.5	PASS
		VN	-20	-10.43	-0.005944	± 2.5	PASS
		VN	-10	-6.09	-0.003474	± 2.5	PASS
		VN	0	-4.78	-0.002724	± 2.5	PASS
		VN	10	-4.49	-0.002560	± 2.5	PASS
		VN	20	-3.66	-0.002088	± 2.5	PASS
		VN	30	-5.14	-0.002927	± 2.5	PASS
		VN	40	0.67	0.000383	± 2.5	PASS
		VN	50	2.76	0.001574	± 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	20.74	0.012119	± 2.5	PASS
		VN	TN	16.01	0.009353	± 2.5	PASS
		VH	TN	14.16	0.008275	± 2.5	PASS
	MCH	VL	TN	-26.68	-0.015399	± 2.5	PASS
		VN	TN	-30.44	-0.017571	± 2.5	PASS
		VH	TN	-1.76	-0.001016	± 2.5	PASS
	HCH	VL	TN	32.84	0.018731	± 2.5	PASS
		VN	TN	22.49	0.012824	± 2.5	PASS
		VH	TN	23.43	0.013363	± 2.5	PASS
16QAM	LCH	VL	TN	16.94	0.009896	± 2.5	PASS
		VN	TN	41.63	0.024322	± 2.5	PASS

		VH	TN	42.94	0.025091	± 2.5	PASS
	MCH	VL	TN	-27.88	-0.016093	± 2.5	PASS
		VN	TN	-21.99	-0.012691	± 2.5	PASS
		VH	TN	-26.36	-0.015218	± 2.5	PASS
	HCH	VL	TN	10.00	0.005702	± 2.5	PASS
		VN	TN	-6.37	-0.003630	± 2.5	PASS
		VH	TN	21.00	0.011976	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	21.69	0.012671	± 2.5	PASS
		VN	-20	36.78	0.021489	± 2.5	PASS
		VN	-10	13.25	0.007740	± 2.5	PASS
		VN	0	22.82	0.013331	± 2.5	PASS
		VN	10	34.39	0.020093	± 2.5	PASS
		VN	20	5.42	0.003168	± 2.5	PASS
		VN	30	19.10	0.011158	± 2.5	PASS
		VN	40	30.48	0.017811	± 2.5	PASS
		VN	50	22.46	0.013122	± 2.5	PASS
	MCH	VN	-30	-25.31	-0.014606	± 2.5	PASS
		VN	-20	-8.97	-0.005177	± 2.5	PASS
		VN	-10	-31.76	-0.018330	± 2.5	PASS
		VN	0	-10.19	-0.005879	± 2.5	PASS
		VN	10	-23.26	-0.013426	± 2.5	PASS
		VN	20	-39.80	-0.022971	± 2.5	PASS
		VN	30	4.15	0.002395	± 2.5	PASS
		VN	40	-7.82	-0.004517	± 2.5	PASS
		VN	50	-14.61	-0.008430	± 2.5	PASS
	HCH	VN	-30	25.12	0.014326	± 2.5	PASS
		VN	-20	26.69	0.015223	± 2.5	PASS
		VN	-10	22.83	0.013020	± 2.5	PASS
		VN	0	28.30	0.016137	± 2.5	PASS
		VN	10	-17.45	-0.009953	± 2.5	PASS
		VN	20	-21.49	-0.012253	± 2.5	PASS
		VN	30	-18.77	-0.010703	± 2.5	PASS
		VN	40	-19.41	-0.011070	± 2.5	PASS
		VN	50	-20.90	-0.011919	± 2.5	PASS
16QAM	LCH	VN	-30	18.85	0.011016	± 2.5	PASS
		VN	-20	30.94	0.018079	± 2.5	PASS
		VN	-10	42.86	0.025041	± 2.5	PASS
		VN	0	16.31	0.009528	± 2.5	PASS
		VN	10	29.25	0.017093	± 2.5	PASS
		VN	20	39.68	0.023186	± 2.5	PASS
		VN	30	45.70	0.026705	± 2.5	PASS
		VN	40	14.26	0.008333	± 2.5	PASS
		VN	50	21.26	0.012420	± 2.5	PASS
	MCH	VN	-30	-31.39	-0.018116	± 2.5	PASS
		VN	-20	-34.13	-0.019701	± 2.5	PASS
		VN	-10	-32.40	-0.018702	± 2.5	PASS
		VN	0	-34.23	-0.019759	± 2.5	PASS

		VN	10	-34.53	-0.019932	± 2.5	PASS
		VN	20	-34.90	-0.020147	± 2.5	PASS
		VN	30	-28.67	-0.016547	± 2.5	PASS
		VN	40	-32.87	-0.018974	± 2.5	PASS
		VN	50	-29.70	-0.017141	± 2.5	PASS
	HCH	VN	-30	25.49	0.014538	± 2.5	PASS
		VN	-20	22.75	0.012971	± 2.5	PASS
		VN	-10	26.76	0.015264	± 2.5	PASS
		VN	0	29.55	0.016855	± 2.5	PASS
		VN	10	-2.95	-0.001681	± 2.5	PASS
		VN	20	4.82	0.002749	± 2.5	PASS
		VN	30	8.96	0.005107	± 2.5	PASS
		VN	40	19.20	0.010948	± 2.5	PASS
		VN	50	24.48	0.013958	± 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	29.34	0.017133	± 2.5	PASS
		VN	TN	-4.15	-0.002422	± 2.5	PASS
		VH	TN	22.85	0.013340	± 2.5	PASS
	MCH	VL	TN	-14.59	-0.008422	± 2.5	PASS
		VN	TN	-18.31	-0.010569	± 2.5	PASS
		VH	TN	-13.95	-0.008050	± 2.5	PASS
	HCH	VL	TN	2.88	0.001641	± 2.5	PASS
		VN	TN	-4.48	-0.002555	± 2.5	PASS
		VH	TN	4.73	0.002702	± 2.5	PASS
16QAM	LCH	VL	TN	34.62	0.020215	± 2.5	PASS
		VN	TN	-0.41	-0.000242	± 2.5	PASS
		VH	TN	32.29	0.018854	± 2.5	PASS
	MCH	VL	TN	-11.46	-0.006614	± 2.5	PASS
		VN	TN	-37.57	-0.021683	± 2.5	PASS
		VH	TN	-10.19	-0.005879	± 2.5	PASS
	HCH	VL	TN	11.47	0.006546	± 2.5	PASS
		VN	TN	-10.93	-0.006236	± 2.5	PASS
		VH	TN	23.05	0.013150	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	30.53	0.017826	± 2.5	PASS
		VN	-20	6.91	0.004035	± 2.5	PASS
		VN	-10	18.80	0.010976	± 2.5	PASS
		VN	0	25.92	0.015136	± 2.5	PASS
		VN	10	28.62	0.016715	± 2.5	PASS
		VN	20	38.81	0.022663	± 2.5	PASS
		VN	30	6.91	0.004035	± 2.5	PASS
		VN	40	11.94	0.006975	± 2.5	PASS
		VN	50	22.53	0.013157	± 2.5	PASS

	MCH	VN	-30	-36.35	-0.020981	± 2.5	PASS
		VN	-20	-17.64	-0.010181	± 2.5	PASS
		VN	-10	-34.80	-0.020089	± 2.5	PASS
		VN	0	-15.16	-0.008752	± 2.5	PASS
		VN	10	-25.92	-0.014962	± 2.5	PASS
		VN	20	-43.36	-0.025027	± 2.5	PASS
		VN	30	-19.15	-0.011056	± 2.5	PASS
		VN	40	-25.86	-0.014929	± 2.5	PASS
		VN	50	-32.63	-0.018834	± 2.5	PASS
	HCH	VN	-30	5.08	0.002898	± 2.5	PASS
		VN	-20	9.50	0.005420	± 2.5	PASS
		VN	-10	13.53	0.007722	± 2.5	PASS
		VN	0	15.23	0.008693	± 2.5	PASS
		VN	10	20.07	0.011452	± 2.5	PASS
		VN	20	26.92	0.015362	± 2.5	PASS
		VN	30	23.98	0.013681	± 2.5	PASS
		VN	40	26.58	0.015166	± 2.5	PASS
		VN	50	25.95	0.014807	± 2.5	PASS
16QAM	LCH	VN	-30	9.40	0.005488	± 2.5	PASS
		VN	-20	23.55	0.013750	± 2.5	PASS
		VN	-10	30.33	0.017709	± 2.5	PASS
		VN	0	-10.27	-0.005998	± 2.5	PASS
		VN	10	-4.53	-0.002648	± 2.5	PASS
		VN	20	-1.80	-0.001053	± 2.5	PASS
		VN	30	11.56	0.006750	± 2.5	PASS
		VN	40	11.16	0.006516	± 2.5	PASS
		VN	50	18.81	0.010985	± 2.5	PASS
	MCH	VN	-30	-13.38	-0.007720	± 2.5	PASS
		VN	-20	-16.18	-0.009339	± 2.5	PASS
		VN	-10	-18.14	-0.010470	± 2.5	PASS
		VN	0	-17.88	-0.010321	± 2.5	PASS
		VN	10	-21.83	-0.012600	± 2.5	PASS
		VN	20	-34.89	-0.020139	± 2.5	PASS
		VN	30	-24.35	-0.014053	± 2.5	PASS
		VN	40	-21.70	-0.012526	± 2.5	PASS
		VN	50	-22.04	-0.012724	± 2.5	PASS
	HCH	VN	-30	32.46	0.018521	± 2.5	PASS
		VN	-20	30.97	0.017672	± 2.5	PASS
		VN	-10	20.13	0.011485	± 2.5	PASS
		VN	0	13.75	0.007844	± 2.5	PASS
		VN	10	14.59	0.008326	± 2.5	PASS
		VN	20	20.46	0.011673	± 2.5	PASS
		VN	30	22.36	0.012758	± 2.5	PASS
		VN	40	11.16	0.006367	± 2.5	PASS
		VN	50	22.14	0.012636	± 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	3.92	0.002285	± 2.5	PASS
		VN	TN	-14.79	-0.008625	± 2.5	PASS
		VH	TN	24.92	0.014530	± 2.5	PASS
	MCH	VL	TN	-15.69	-0.009058	± 2.5	PASS
		VN	TN	-13.30	-0.007679	± 2.5	PASS
		VH	TN	-42.50	-0.024531	± 2.5	PASS
	HCH	VL	TN	-4.18	-0.002387	± 2.5	PASS
		VN	TN	29.87	0.017068	± 2.5	PASS
		VH	TN	12.17	0.006956	± 2.5	PASS
16QAM	LCH	VL	TN	29.63	0.017275	± 2.5	PASS
		VN	TN	34.90	0.020352	± 2.5	PASS
		VH	TN	30.64	0.017867	± 2.5	PASS
	MCH	VL	TN	5.16	0.002981	± 2.5	PASS
		VN	TN	10.64	0.006143	± 2.5	PASS
		VH	TN	2.05	0.001181	± 2.5	PASS
	HCH	VL	TN	25.63	0.014648	± 2.5	PASS
		VN	TN	-5.89	-0.003368	± 2.5	PASS
		VH	TN	9.60	0.005485	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	LCH	VN	-30	36.02	0.021003	± 2.5	PASS
		VN	-20	36.13	0.021070	± 2.5	PASS
		VN	-10	6.87	0.004004	± 2.5	PASS
		VN	0	16.32	0.009517	± 2.5	PASS
		VN	10	18.57	0.010827	± 2.5	PASS
		VN	20	31.94	0.018626	± 2.5	PASS
		VN	30	40.04	0.023347	± 2.5	PASS
		VN	40	41.13	0.023981	± 2.5	PASS
		VN	50	12.19	0.007107	± 2.5	PASS
	MCH	VN	-30	-28.07	-0.016200	± 2.5	PASS
		VN	-20	-13.03	-0.007522	± 2.5	PASS
		VN	-10	-32.22	-0.018595	± 2.5	PASS
		VN	0	-11.97	-0.006911	± 2.5	PASS
		VN	10	-19.40	-0.011196	± 2.5	PASS
		VN	20	-30.43	-0.017562	± 2.5	PASS
		VN	30	-40.27	-0.023243	± 2.5	PASS
		VN	40	-42.82	-0.024713	± 2.5	PASS
		VN	50	13.80	0.007968	± 2.5	PASS
	HCH	VN	-30	16.02	0.009155	± 2.5	PASS
		VN	-20	-25.72	-0.014697	± 2.5	PASS
		VN	-10	-1.16	-0.000662	± 2.5	PASS
		VN	0	-2.57	-0.001471	± 2.5	PASS
		VN	10	-5.88	-0.003360	± 2.5	PASS
		VN	20	-1.19	-0.000678	± 2.5	PASS

		VN	30	1.06	0.000605	± 2.5	PASS
		VN	40	10.21	0.005836	± 2.5	PASS
		VN	50	16.44	0.009392	± 2.5	PASS
QPSK	LCH	VN	-30	6.32	0.003687	± 2.5	PASS
		VN	-20	10.71	0.006248	± 2.5	PASS
		VN	-10	14.52	0.008466	± 2.5	PASS
		VN	0	4.39	0.002561	± 2.5	PASS
		VN	10	6.91	0.004029	± 2.5	PASS
		VN	20	13.35	0.007782	± 2.5	PASS
		VN	30	19.34	0.011277	± 2.5	PASS
		VN	40	28.85	0.016824	± 2.5	PASS
		VN	50	27.45	0.016007	± 2.5	PASS
	MCH	VN	-30	2.60	0.001503	± 2.5	PASS
		VN	-20	-1.00	-0.000578	± 2.5	PASS
		VN	-10	-4.91	-0.002832	± 2.5	PASS
		VN	0	-5.24	-0.003022	± 2.5	PASS
		VN	10	0.96	0.000553	± 2.5	PASS
		VN	20	-4.43	-0.002560	± 2.5	PASS
		VN	30	-0.70	-0.000405	± 2.5	PASS
		VN	40	-5.12	-0.002956	± 2.5	PASS
		VN	50	-0.69	-0.000396	± 2.5	PASS
	HCH	VN	-30	25.22	0.014411	± 2.5	PASS
		VN	-20	33.30	0.019030	± 2.5	PASS
		VN	-10	3.16	0.001807	± 2.5	PASS
		VN	0	8.85	0.005060	± 2.5	PASS
		VN	10	14.10	0.008060	± 2.5	PASS
		VN	20	16.14	0.009221	± 2.5	PASS
		VN	30	21.53	0.012302	± 2.5	PASS
		VN	40	27.14	0.015507	± 2.5	PASS
		VN	50	30.88	0.017648	± 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	16.47	0.009587	± 2.5	PASS
		VN	TN	-19.51	-0.011361	± 2.5	PASS
		VH	TN	10.46	0.006089	± 2.5	PASS
	MCH	VL	TN	-24.46	-0.014119	± 2.5	PASS
		VN	TN	-18.60	-0.010734	± 2.5	PASS
		VH	TN	-3.53	-0.002039	± 2.5	PASS
	HCH	VL	TN	36.26	0.020752	± 2.5	PASS
		VN	TN	30.46	0.017428	± 2.5	PASS
		VH	TN	4.79	0.002742	± 2.5	PASS
16QAM	LCH	VL	TN	11.64	0.006780	± 2.5	PASS
		VN	TN	-9.87	-0.005747	± 2.5	PASS
		VH	TN	30.94	0.018016	± 2.5	PASS
	MCH	VL	TN	-35.63	-0.020568	± 2.5	PASS
		VN	TN	-31.76	-0.018330	± 2.5	PASS

		VH	TN	-36.44	-0.021030	± 2.5	PASS
	HCH	VL	TN	19.07	0.010912	± 2.5	PASS
		VN	TN	8.23	0.004707	± 2.5	PASS
		VH	TN	23.72	0.013572	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	5.95	0.003465	± 2.5	PASS
		VN	-20	0.01	0.000008	± 2.5	PASS
		VN	-10	-4.31	-0.002507	± 2.5	PASS
		VN	0	-6.15	-0.003581	± 2.5	PASS
		VN	10	-9.36	-0.005447	± 2.5	PASS
		VN	20	-13.09	-0.007621	± 2.5	PASS
		VN	30	-16.42	-0.009562	± 2.5	PASS
		VN	40	-21.01	-0.012235	± 2.5	PASS
		VN	50	-24.76	-0.014418	± 2.5	PASS
	MCH	VN	-30	-16.71	-0.009644	± 2.5	PASS
		VN	-20	-32.76	-0.018908	± 2.5	PASS
		VN	-10	-44.86	-0.025894	± 2.5	PASS
		VN	0	-16.34	-0.009429	± 2.5	PASS
		VN	10	-30.66	-0.017695	± 2.5	PASS
		VN	20	-31.23	-0.018025	± 2.5	PASS
		VN	30	-33.04	-0.019073	± 2.5	PASS
		VN	40	-37.79	-0.021815	± 2.5	PASS
		VN	50	-36.65	-0.021154	± 2.5	PASS
	HCH	VN	-30	10.54	0.006033	± 2.5	PASS
		VN	-20	13.25	0.007580	± 2.5	PASS
		VN	-10	19.25	0.011018	± 2.5	PASS
		VN	0	26.97	0.015431	± 2.5	PASS
		VN	10	29.07	0.016634	± 2.5	PASS
		VN	20	33.40	0.019114	± 2.5	PASS
		VN	30	38.75	0.022176	± 2.5	PASS
		VN	40	33.12	0.018951	± 2.5	PASS
		VN	50	36.44	0.020850	± 2.5	PASS
16QAM	LCH	VN	-30	-8.57	-0.004989	± 2.5	PASS
		VN	-20	-6.48	-0.003773	± 2.5	PASS
		VN	-10	-2.52	-0.001466	± 2.5	PASS
		VN	0	-0.90	-0.000525	± 2.5	PASS
		VN	10	3.09	0.001799	± 2.5	PASS
		VN	20	8.85	0.005156	± 2.5	PASS
		VN	30	2.06	0.001199	± 2.5	PASS
		VN	40	9.68	0.005639	± 2.5	PASS
		VN	50	5.89	0.003432	± 2.5	PASS
	MCH	VN	-30	-29.67	-0.017125	± 2.5	PASS
		VN	-20	-31.04	-0.017918	± 2.5	PASS
		VN	-10	-28.87	-0.016662	± 2.5	PASS
		VN	0	-28.41	-0.016398	± 2.5	PASS
		VN	10	-30.16	-0.017406	± 2.5	PASS
		VN	20	-35.09	-0.020254	± 2.5	PASS
		VN	30	-31.09	-0.017942	± 2.5	PASS

		VN	40	-39.28	-0.022674	± 2.5	PASS
		VN	50	-35.06	-0.020238	± 2.5	PASS
	HCH	VN	-30	11.63	0.006655	± 2.5	PASS
		VN	-20	23.56	0.013482	± 2.5	PASS
		VN	-10	20.71	0.011853	± 2.5	PASS
		VN	0	25.65	0.014678	± 2.5	PASS
		VN	10	28.95	0.016569	± 2.5	PASS
		VN	20	31.17	0.017837	± 2.5	PASS
		VN	30	36.29	0.020768	± 2.5	PASS
		VN	40	34.82	0.019925	± 2.5	PASS
		VN	50	35.06	0.020064	± 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	6.68	0.003884	± 2.5	PASS
		VN	TN	-35.28	-0.020510	± 2.5	PASS
		VH	TN	2.53	0.001472	± 2.5	PASS
	MCH	VL	TN	-25.72	-0.014846	± 2.5	PASS
		VN	TN	-34.00	-0.019627	± 2.5	PASS
		VH	TN	16.51	0.009528	± 2.5	PASS
	HCH	VL	TN	10.63	0.006091	± 2.5	PASS
		VN	TN	10.11	0.005796	± 2.5	PASS
		VH	TN	22.14	0.012690	± 2.5	PASS
16QAM	LCH	VL	TN	7.37	0.004283	± 2.5	PASS
		VN	TN	-2.27	-0.001322	± 2.5	PASS
		VH	TN	5.71	0.003318	± 2.5	PASS
	MCH	VL	TN	15.76	0.009099	± 2.5	PASS
		VN	TN	18.00	0.010387	± 2.5	PASS
		VH	TN	12.20	0.007043	± 2.5	PASS
	HCH	VL	TN	21.09	0.012084	± 2.5	PASS
		VN	TN	38.05	0.021806	± 2.5	PASS
		VH	TN	7.68	0.004402	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	1.85	0.001073	± 2.5	PASS
		VN	-20	-2.66	-0.001547	± 2.5	PASS
		VN	-10	1.67	0.000973	± 2.5	PASS
		VN	0	0.43	0.000250	± 2.5	PASS
		VN	10	-4.42	-0.002570	± 2.5	PASS
		VN	20	-0.27	-0.000158	± 2.5	PASS
		VN	30	-9.57	-0.005564	± 2.5	PASS
		VN	40	-13.49	-0.007843	± 2.5	PASS
		VN	50	-12.19	-0.007086	± 2.5	PASS
	MCH	VN	-30	9.43	0.005441	± 2.5	PASS
		VN	-20	15.64	0.009025	± 2.5	PASS
		VN	-10	8.43	0.004863	± 2.5	PASS

		VN	0	-0.70	-0.000405	± 2.5	PASS
		VN	10	5.09	0.002939	± 2.5	PASS
		VN	20	3.08	0.001775	± 2.5	PASS
		VN	30	4.58	0.002642	± 2.5	PASS
		VN	40	6.75	0.003897	± 2.5	PASS
		VN	50	8.67	0.005004	± 2.5	PASS
	HCH	VN	-30	23.82	0.013649	± 2.5	PASS
		VN	-20	29.13	0.016691	± 2.5	PASS
		VN	-10	33.96	0.019462	± 2.5	PASS
		VN	0	7.82	0.004484	± 2.5	PASS
		VN	10	13.83	0.007927	± 2.5	PASS
		VN	20	17.91	0.010264	± 2.5	PASS
		VN	30	27.15	0.015559	± 2.5	PASS
		VN	40	34.68	0.019871	± 2.5	PASS
		VN	50	39.58	0.022683	± 2.5	PASS
16QAM	LCH	VN	-30	5.39	0.003135	± 2.5	PASS
		VN	-20	11.49	0.006678	± 2.5	PASS
		VN	-10	20.28	0.011793	± 2.5	PASS
		VN	0	21.19	0.012317	± 2.5	PASS
		VN	10	25.02	0.014546	± 2.5	PASS
		VN	20	12.96	0.007535	± 2.5	PASS
		VN	30	-11.60	-0.006745	± 2.5	PASS
		VN	40	-11.74	-0.006828	± 2.5	PASS
		VN	50	-9.13	-0.005306	± 2.5	PASS
	MCH	VN	-30	13.02	0.007514	± 2.5	PASS
		VN	-20	9.76	0.005631	± 2.5	PASS
		VN	-10	9.51	0.005491	± 2.5	PASS
		VN	0	9.86	0.005689	± 2.5	PASS
		VN	10	5.09	0.002939	± 2.5	PASS
		VN	20	10.44	0.006028	± 2.5	PASS
		VN	30	5.54	0.003195	± 2.5	PASS
		VN	40	8.28	0.004781	± 2.5	PASS
		VN	50	13.63	0.007869	± 2.5	PASS
	HCH	VN	-30	29.80	0.017076	± 2.5	PASS
		VN	-20	12.26	0.007025	± 2.5	PASS
		VN	-10	30.14	0.017273	± 2.5	PASS
		VN	0	21.69	0.012428	± 2.5	PASS
		VN	10	42.26	0.024216	± 2.5	PASS
		VN	20	25.79	0.014781	± 2.5	PASS
		VN	30	27.05	0.015502	± 2.5	PASS
		VN	40	19.51	0.011182	± 2.5	PASS
		VN	50	27.67	0.015854	± 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:	4		Channel:		19957			
Remark:	1.4M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.9860	150	59	-77.04	-13.00	64.04	Pass	Horizontal
2	167.9616	150	48	-65.88	-13.00	52.88	Pass	Horizontal
3	360.0600	150	329	-74.76	-13.00	61.76	Pass	Horizontal
4	480.1700	150	188	-72.38	-13.00	59.38	Pass	Horizontal
5	687.5975	150	141	-69.66	-13.00	56.66	Pass	Horizontal
6	750.0780	150	24	-71.46	-13.00	58.46	Pass	Horizontal
7	1304.2304	150	1	-48.44	-13.00	35.44	Pass	Horizontal
8	3421.4000	150	266	-49.13	-13.00	36.13	Pass	Horizontal
9	5132.1000	150	36	-48.18	-13.00	35.18	Pass	Horizontal
10	6842.8000	150	228	-48.03	-13.00	35.03	Pass	Horizontal
11	9714.3357	150	342	-39.41	-13.00	26.41	Pass	Horizontal
12	14792.0896	150	228	-30.72	-13.00	17.72	Pass	Horizontal

Mode:	LTE Traffic							
Band:	4		Channel:		19957			
Remark:	1.4M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.2847	150	70	-66.17	-13.00	53.17	Pass	Vertical
2	184.2609	150	47	-69.27	-13.00	56.27	Pass	Vertical
3	208.9038	150	1	-68.81	-13.00	55.81	Pass	Vertical
4	375.0010	150	82	-74.47	-13.00	61.47	Pass	Vertical
5	558.3677	150	350	-66.43	-13.00	53.43	Pass	Vertical
6	687.5975	150	350	-67.53	-13.00	54.53	Pass	Vertical
7	1400.2400	150	82	-45.62	-13.00	32.62	Pass	Vertical
8	3421.4000	150	1	-49.04	-13.00	36.04	Pass	Vertical
9	5132.1000	150	113	-47.78	-13.00	34.78	Pass	Vertical
10	6842.8000	150	189	-47.74	-13.00	34.74	Pass	Vertical
11	12187.2094	150	172	-36.72	-13.00	23.72	Pass	Vertical
12	15045.6023	150	266	-30.17	-13.00	17.17	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	19965
Remark:	3M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.5979	150	35	-78.01	-13.00	65.01	Pass	Horizontal
2	120.0340	150	163	-74.85	-13.00	61.85	Pass	Horizontal
3	167.9616	150	23	-66.57	-13.00	53.57	Pass	Horizontal
4	360.0600	150	244	-74.79	-13.00	61.79	Pass	Horizontal
5	598.3397	150	326	-72.59	-13.00	59.59	Pass	Horizontal
6	687.5975	150	313	-71.89	-13.00	58.89	Pass	Horizontal
7	1367.6368	150	209	-47.77	-13.00	34.77	Pass	Horizontal
8	3423.0000	150	135	-49.38	-13.00	36.38	Pass	Horizontal
9	5134.5000	150	2	-48.24	-13.00	35.24	Pass	Horizontal
10	6846.0000	150	249	-47.68	-13.00	34.68	Pass	Horizontal
11	9697.8349	150	39	-39.20	-13.00	26.20	Pass	Horizontal
12	15013.3507	150	59	-29.94	-13.00	16.94	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	19965
Remark:	3M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	54.6429	150	174	-66.46	-13.00	53.46	Pass	Vertical
2	184.2609	150	186	-69.12	-13.00	56.12	Pass	Vertical
3	208.9038	150	186	-68.79	-13.00	55.79	Pass	Vertical
4	270.0260	150	174	-76.92	-13.00	63.92	Pass	Vertical
5	398.2857	150	232	-73.96	-13.00	60.96	Pass	Vertical
6	597.5635	150	24	-75.19	-13.00	62.19	Pass	Vertical
7	687.5975	150	302	-68.18	-13.00	55.18	Pass	Vertical
8	1398.4398	150	152	-46.80	-13.00	33.80	Pass	Vertical
9	3423.0000	150	173	-50.08	-13.00	37.08	Pass	Vertical
10	5134.5000	150	249	-48.90	-13.00	35.90	Pass	Vertical
11	6846.0000	150	97	-47.87	-13.00	34.87	Pass	Vertical
12	8827.0414	150	342	-40.47	-13.00	27.47	Pass	Vertical
13	15180.6090	150	342	-30.35	-13.00	17.35	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	19975
Remark:	5M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	54.4489	150	200	-78.57	-13.00	65.57	Pass	Horizontal
2	167.9616	150	24	-65.56	-13.00	52.56	Pass	Horizontal
3	208.9038	150	340	-76.91	-13.00	63.91	Pass	Horizontal
4	375.0010	150	360	-72.92	-13.00	59.92	Pass	Horizontal
5	477.6475	150	130	-73.53	-13.00	60.53	Pass	Horizontal
6	687.5975	150	329	-71.13	-13.00	58.13	Pass	Horizontal
7	1271.4271	150	317	-48.05	-13.00	35.05	Pass	Horizontal
8	3425.0000	150	0	-50.34	-13.00	37.34	Pass	Horizontal
9	5137.5000	150	189	-47.93	-13.00	34.93	Pass	Horizontal
10	6850.0000	150	325	-48.29	-13.00	35.29	Pass	Horizontal
11	9332.5666	150	95	-39.61	-13.00	26.61	Pass	Horizontal
12	14873.0937	150	113	-30.43	-13.00	17.43	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	19975
Remark:	5M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	54.6429	150	147	-67.54	-13.00	54.54	Pass	Vertical
2	184.2609	150	25	-68.54	-13.00	55.54	Pass	Vertical
3	208.9038	150	147	-68.76	-13.00	55.76	Pass	Vertical
4	270.0260	150	360	-76.89	-13.00	63.89	Pass	Vertical
5	400.0320	150	233	-75.06	-13.00	62.06	Pass	Vertical
6	687.5975	150	220	-67.83	-13.00	54.83	Pass	Vertical
7	1399.2399	150	124	-46.85	-13.00	33.85	Pass	Vertical
8	3425.0000	150	51	-49.77	-13.00	36.77	Pass	Vertical
9	5137.5000	150	303	-48.55	-13.00	35.55	Pass	Vertical
10	6850.0000	150	51	-48.24	-13.00	35.24	Pass	Vertical
11	10102.1051	150	186	-39.01	-13.00	26.01	Pass	Vertical
12	15069.6035	150	225	-30.76	-13.00	17.76	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20000
Remark:	10M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.9860	150	85	-77.13	-13.00	64.13	Pass	Horizontal
2	123.5267	150	169	-71.08	-13.00	58.08	Pass	Horizontal
3	168.9318	150	25	-67.45	-13.00	54.45	Pass	Horizontal
4	360.0600	150	243	-74.71	-13.00	61.71	Pass	Horizontal
5	479.9760	150	108	-73.69	-13.00	60.69	Pass	Horizontal
6	779.9600	150	231	-71.16	-13.00	58.16	Pass	Horizontal
7	1335.2335	150	72	-48.51	-13.00	35.51	Pass	Horizontal
8	3430.0000	150	168	-50.02	-13.00	37.02	Pass	Horizontal
9	5145.0000	150	285	-48.80	-13.00	35.80	Pass	Horizontal
10	6860.0000	150	224	-48.44	-13.00	35.44	Pass	Horizontal
11	9302.5651	150	285	-39.75	-13.00	26.75	Pass	Horizontal
12	15047.8524	150	324	-30.30	-13.00	17.30	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20000
Remark:	10M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.5085	150	148	-66.15	-13.00	53.15	Pass	Vertical
2	184.2609	150	148	-69.10	-13.00	56.10	Pass	Vertical
3	208.9038	150	50	-69.13	-13.00	56.13	Pass	Vertical
4	250.0400	150	1	-78.17	-13.00	65.17	Pass	Vertical
5	360.0600	150	50	-75.12	-13.00	62.12	Pass	Vertical
6	687.5975	150	88	-67.99	-13.00	54.99	Pass	Vertical
7	1396.6397	150	148	-47.17	-13.00	34.17	Pass	Vertical
8	3430.0000	150	145	-50.51	-13.00	37.51	Pass	Vertical
9	5145.0000	150	50	-49.24	-13.00	36.24	Pass	Vertical
10	6860.0000	150	206	-47.84	-13.00	34.84	Pass	Vertical
11	10601.6301	150	11	-38.06	-13.00	25.06	Pass	Vertical
12	15098.8549	150	284	-30.24	-13.00	17.24	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20025
Remark:	15M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	62.7926	150	87	-78.19	-13.00	65.19	Pass	Horizontal
2	167.9616	150	25	-63.76	-13.00	50.76	Pass	Horizontal
3	479.9760	150	1	-72.30	-13.00	59.30	Pass	Horizontal
4	584.9510	150	25	-71.96	-13.00	58.96	Pass	Horizontal
5	687.5975	150	308	-70.43	-13.00	57.43	Pass	Horizontal
6	779.9600	150	282	-70.09	-13.00	57.09	Pass	Horizontal
7	1269.4269	150	50	-49.39	-13.00	36.39	Pass	Horizontal
8	3435.0000	150	302	-50.70	-13.00	37.70	Pass	Horizontal
9	5152.5000	150	302	-49.22	-13.00	36.22	Pass	Horizontal
10	6870.0000	150	164	-47.10	-13.00	34.10	Pass	Horizontal
11	9526.8263	150	359	-38.86	-13.00	25.86	Pass	Horizontal
12	14816.8408	150	224	-30.15	-13.00	17.15	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20025
Remark:	15M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.8668	150	159	-67.65	-13.00	54.65	Pass	Vertical
2	184.2609	150	159	-68.96	-13.00	55.96	Pass	Vertical
3	208.9038	150	24	-69.16	-13.00	56.16	Pass	Vertical
4	398.6737	150	195	-74.98	-13.00	61.98	Pass	Vertical
5	600.2801	150	1	-72.68	-13.00	59.68	Pass	Vertical
6	687.5975	150	72	-68.25	-13.00	55.25	Pass	Vertical
7	1399.6400	150	133	-47.31	-13.00	34.31	Pass	Vertical
8	3435.0000	150	246	-48.90	-13.00	35.90	Pass	Vertical
9	5152.5000	150	264	-48.19	-13.00	35.19	Pass	Vertical
10	6870.0000	150	304	-47.75	-13.00	34.75	Pass	Vertical
11	9396.3198	150	109	-39.10	-13.00	26.10	Pass	Vertical
12	15046.3523	150	342	-30.64	-13.00	17.64	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20050
Remark:	20M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	62.5985	150	61	-77.39	-13.00	64.39	Pass	Horizontal
2	167.9616	150	360	-66.40	-13.00	53.40	Pass	Horizontal
3	208.9038	150	360	-76.41	-13.00	63.41	Pass	Horizontal
4	360.0600	150	194	-74.75	-13.00	61.75	Pass	Horizontal
5	479.1998	150	134	-74.04	-13.00	61.04	Pass	Horizontal
6	687.5975	150	86	-71.13	-13.00	58.13	Pass	Horizontal
7	1268.2268	150	181	-48.68	-13.00	35.68	Pass	Horizontal
8	3440.0000	150	285	-50.61	-13.00	37.61	Pass	Horizontal
9	5160.0000	150	264	-47.65	-13.00	34.65	Pass	Horizontal
10	6880.0000	150	226	-47.19	-13.00	34.19	Pass	Horizontal
11	9058.8029	150	109	-39.86	-13.00	26.86	Pass	Horizontal
12	14783.0892	150	302	-30.31	-13.00	17.31	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20050
Remark:	20M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	54.4489	150	1	-68.09	-13.00	55.09	Pass	Vertical
2	184.2609	150	360	-69.22	-13.00	56.22	Pass	Vertical
3	208.9038	150	25	-68.96	-13.00	55.96	Pass	Vertical
4	375.0010	150	73	-75.74	-13.00	62.74	Pass	Vertical
5	584.9510	150	159	-72.02	-13.00	59.02	Pass	Vertical
6	687.5975	150	360	-67.64	-13.00	54.64	Pass	Vertical
7	1400.2400	150	122	-45.88	-13.00	32.88	Pass	Vertical
8	3440.0000	150	263	-50.00	-13.00	37.00	Pass	Vertical
9	5160.0000	150	168	-49.84	-13.00	36.84	Pass	Vertical
10	6880.0000	150	263	-47.34	-13.00	34.34	Pass	Vertical
11	11436.4218	150	168	-36.97	-13.00	23.97	Pass	Vertical
12	15122.8561	150	224	-30.58	-13.00	17.58	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20175
Remark:	1.4M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	57.7476	150	218	-78.75	-13.00	65.75	Pass	Horizontal
2	120.0340	150	159	-75.53	-13.00	62.53	Pass	Horizontal
3	159.8120	150	360	-65.44	-13.00	52.44	Pass	Horizontal
4	375.0010	150	304	-74.75	-13.00	61.75	Pass	Horizontal
5	481.5283	150	122	-74.68	-13.00	61.68	Pass	Horizontal
6	687.5975	150	304	-71.99	-13.00	58.99	Pass	Horizontal
7	1335.6336	150	49	-48.04	-13.00	35.04	Pass	Horizontal
8	3465.0000	150	284	-49.79	-13.00	36.79	Pass	Horizontal
9	5197.5000	150	207	-49.96	-13.00	36.96	Pass	Horizontal
10	6930.0000	150	146	-45.76	-13.00	32.76	Pass	Horizontal
11	9721.0861	150	263	-39.42	-13.00	26.42	Pass	Horizontal
12	14702.0851	150	12	-29.09	-13.00	16.09	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20175
Remark:	1.4M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.5085	150	146	-66.08	-13.00	53.08	Pass	Vertical
2	184.2609	150	1	-68.28	-13.00	55.28	Pass	Vertical
3	208.9038	150	234	-69.28	-13.00	56.28	Pass	Vertical
4	270.0260	150	49	-76.31	-13.00	63.31	Pass	Vertical
5	398.2857	150	246	-75.78	-13.00	62.78	Pass	Vertical
6	728.1516	150	1	-67.93	-13.00	54.93	Pass	Vertical
7	1397.0397	150	86	-45.91	-13.00	32.91	Pass	Vertical
8	3465.0000	150	321	-49.79	-13.00	36.79	Pass	Vertical
9	5197.5000	150	102	-50.11	-13.00	37.11	Pass	Vertical
10	6930.0000	150	300	-47.70	-13.00	34.70	Pass	Vertical
11	11487.4244	150	123	-36.49	-13.00	23.49	Pass	Vertical
12	14972.8486	150	23	-30.28	-13.00	17.28	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20175
Remark:	3M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	62.2104	150	320	-77.74	-13.00	64.74	Pass	Horizontal
2	106.0632	150	357	-76.02	-13.00	63.02	Pass	Horizontal
3	167.9616	150	14	-65.68	-13.00	52.68	Pass	Horizontal
4	375.0010	150	357	-73.97	-13.00	60.97	Pass	Horizontal
5	479.9760	150	133	-74.40	-13.00	61.40	Pass	Horizontal
6	687.5975	150	144	-71.75	-13.00	58.75	Pass	Horizontal
7	1338.2338	150	331	-48.69	-13.00	35.69	Pass	Horizontal
8	3465.0000	150	115	-48.96	-13.00	35.96	Pass	Horizontal
9	5197.5000	150	115	-49.82	-13.00	36.82	Pass	Horizontal
10	6930.0000	150	296	-47.06	-13.00	34.06	Pass	Horizontal
11	9704.5852	150	255	-39.30	-13.00	26.30	Pass	Horizontal
12	14821.3411	150	195	-29.77	-13.00	16.77	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20175
Remark:	3M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.5085	150	24	-67.47	-13.00	54.47	Pass	Vertical
2	184.2609	150	359	-68.87	-13.00	55.87	Pass	Vertical
3	208.9038	150	242	-68.90	-13.00	55.90	Pass	Vertical
4	375.0010	150	97	-75.33	-13.00	62.33	Pass	Vertical
5	599.3099	150	13	-72.18	-13.00	59.18	Pass	Vertical
6	687.5975	150	359	-68.33	-13.00	55.33	Pass	Vertical
7	1398.8399	150	109	-45.51	-13.00	32.51	Pass	Vertical
8	3465.0000	150	323	-49.81	-13.00	36.81	Pass	Vertical
9	5197.5000	150	163	-50.18	-13.00	37.18	Pass	Vertical
10	6930.0000	150	203	-46.90	-13.00	33.90	Pass	Vertical
11	9439.8220	150	142	-38.90	-13.00	25.90	Pass	Vertical
12	14859.5930	150	221	-30.38	-13.00	17.38	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20175
Remark:	5M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.9860	150	184	-77.29	-13.00	64.29	Pass	Horizontal
2	126.0492	150	209	-73.39	-13.00	60.39	Pass	Horizontal
3	167.9616	150	360	-63.83	-13.00	50.83	Pass	Horizontal
4	360.0600	150	172	-74.77	-13.00	61.77	Pass	Horizontal
5	430.3021	150	221	-73.57	-13.00	60.57	Pass	Horizontal
6	687.5975	150	330	-72.03	-13.00	59.03	Pass	Horizontal
7	1323.0323	150	13	-48.71	-13.00	35.71	Pass	Horizontal
8	3465.0000	150	285	-50.27	-13.00	37.27	Pass	Horizontal
9	5197.5000	150	129	-50.27	-13.00	37.27	Pass	Horizontal
10	6930.0000	150	324	-47.62	-13.00	34.62	Pass	Horizontal
11	9964.0982	150	9	-39.58	-13.00	26.58	Pass	Horizontal
12	14822.8411	150	169	-30.31	-13.00	17.31	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20175
Remark:	5M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.8668	150	194	-67.69	-13.00	54.69	Pass	Vertical
2	184.2609	150	360	-68.99	-13.00	55.99	Pass	Vertical
3	208.9038	150	181	-68.35	-13.00	55.35	Pass	Vertical
4	400.0320	150	360	-75.68	-13.00	62.68	Pass	Vertical
5	598.5337	150	36	-71.87	-13.00	58.87	Pass	Vertical
6	687.5975	150	340	-68.35	-13.00	55.35	Pass	Vertical
7	1398.4398	150	122	-46.25	-13.00	33.25	Pass	Vertical
8	3465.0000	150	225	-50.24	-13.00	37.24	Pass	Vertical
9	5197.5000	150	30	-50.36	-13.00	37.36	Pass	Vertical
10	6930.0000	150	285	-46.95	-13.00	33.95	Pass	Vertical
11	9382.0691	150	50	-39.40	-13.00	26.40	Pass	Vertical
12	14874.5937	150	50	-30.40	-13.00	17.40	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20175
Remark:	10M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.9860	150	360	-77.61	-13.00	64.61	Pass	Horizontal
2	167.9616	150	360	-65.04	-13.00	52.04	Pass	Horizontal
3	375.0010	150	196	-74.35	-13.00	61.35	Pass	Horizontal
4	480.1700	150	135	-73.19	-13.00	60.19	Pass	Horizontal
5	584.9510	150	110	-70.79	-13.00	57.79	Pass	Horizontal
6	687.5975	150	135	-71.44	-13.00	58.44	Pass	Horizontal
7	1368.6369	150	123	-48.45	-13.00	35.45	Pass	Horizontal
8	3465.0000	150	129	-49.80	-13.00	36.80	Pass	Horizontal
9	5197.5000	150	224	-49.07	-13.00	36.07	Pass	Horizontal
10	6930.0000	150	12	-46.80	-13.00	33.80	Pass	Horizontal
11	9394.8197	150	146	-39.29	-13.00	26.29	Pass	Horizontal
12	14778.5889	150	206	-29.87	-13.00	16.87	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20175
Remark:	10M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.8668	150	360	-67.83	-13.00	54.83	Pass	Vertical
2	184.2609	150	1	-69.11	-13.00	56.11	Pass	Vertical
3	208.9038	150	1	-68.53	-13.00	55.53	Pass	Vertical
4	399.4499	150	258	-74.98	-13.00	61.98	Pass	Vertical
5	597.3695	150	25	-70.56	-13.00	57.56	Pass	Vertical
6	687.5975	150	198	-67.43	-13.00	54.43	Pass	Vertical
7	1397.4397	150	123	-46.32	-13.00	33.32	Pass	Vertical
8	3465.0000	150	108	-49.89	-13.00	36.89	Pass	Vertical
9	5197.5000	150	342	-49.57	-13.00	36.57	Pass	Vertical
10	6930.0000	150	285	-46.81	-13.00	33.81	Pass	Vertical
11	10024.8512	150	246	-39.06	-13.00	26.06	Pass	Vertical
12	15106.3553	150	51	-30.24	-13.00	17.24	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20175
Remark:	15M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	62.0164	150	1	-78.32	-13.00	65.32	Pass	Horizontal
2	116.9294	150	360	-75.67	-13.00	62.67	Pass	Horizontal
3	167.9616	150	12	-65.18	-13.00	52.18	Pass	Horizontal
4	375.0010	150	356	-74.75	-13.00	61.75	Pass	Horizontal
5	584.9510	150	138	-73.24	-13.00	60.24	Pass	Horizontal
6	833.9028	150	112	-71.26	-13.00	58.26	Pass	Horizontal
7	1335.0335	150	241	-48.63	-13.00	35.63	Pass	Horizontal
8	3465.0000	150	118	-49.44	-13.00	36.44	Pass	Horizontal
9	5197.5000	150	322	-49.30	-13.00	36.30	Pass	Horizontal
10	6930.0000	150	139	-46.68	-13.00	33.68	Pass	Horizontal
11	9560.5780	150	282	-39.30	-13.00	26.30	Pass	Horizontal
12	14826.5913	150	96	-29.51	-13.00	16.51	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20175
Remark:	15M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.5085	150	1	-65.67	-13.00	52.67	Pass	Vertical
2	184.2609	150	356	-69.28	-13.00	56.28	Pass	Vertical
3	208.9038	150	172	-68.78	-13.00	55.78	Pass	Vertical
4	270.0260	150	360	-76.27	-13.00	63.27	Pass	Vertical
5	375.0010	150	160	-75.50	-13.00	62.50	Pass	Vertical
6	687.5975	150	360	-68.54	-13.00	55.54	Pass	Vertical
7	1397.6398	150	110	-46.49	-13.00	33.49	Pass	Vertical
8	3465.0000	150	51	-49.72	-13.00	36.72	Pass	Vertical
9	5197.5000	150	264	-49.58	-13.00	36.58	Pass	Vertical
10	6930.0000	150	185	-46.72	-13.00	33.72	Pass	Vertical
11	8945.5473	150	264	-40.34	-13.00	27.34	Pass	Vertical
12	15104.8552	150	284	-30.20	-13.00	17.20	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20175
Remark:	20M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	62.0164	150	62	-77.56	-13.00	64.56	Pass	Horizontal
2	108.7798	150	359	-76.44	-13.00	63.44	Pass	Horizontal
3	167.9616	150	359	-65.21	-13.00	52.21	Pass	Horizontal
4	360.0600	150	134	-73.49	-13.00	60.49	Pass	Horizontal
5	479.9760	150	134	-74.29	-13.00	61.29	Pass	Horizontal
6	687.5975	150	326	-70.67	-13.00	57.67	Pass	Horizontal
7	1260.8261	150	1	-48.94	-13.00	35.94	Pass	Horizontal
8	3465.0000	150	284	-50.47	-13.00	37.47	Pass	Horizontal
9	5197.5000	150	245	-49.47	-13.00	36.47	Pass	Horizontal
10	6930.0000	150	50	-46.93	-13.00	33.93	Pass	Horizontal
11	11014.1507	150	89	-37.64	-13.00	24.64	Pass	Horizontal
12	14807.0904	150	263	-29.92	-13.00	16.92	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20175
Remark:	20M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	36.0152	150	133	-65.39	-13.00	52.39	Pass	Vertical
2	53.6727	150	49	-67.99	-13.00	54.99	Pass	Vertical
3	167.9616	150	349	-68.47	-13.00	55.47	Pass	Vertical
4	208.9038	150	1	-69.12	-13.00	56.12	Pass	Vertical
5	687.5975	150	313	-68.13	-13.00	55.13	Pass	Vertical
6	799.5579	150	230	-68.12	-13.00	55.12	Pass	Vertical
7	1397.4397	150	85	-45.96	-13.00	32.96	Pass	Vertical
8	3465.0000	150	106	-49.88	-13.00	36.88	Pass	Vertical
9	5197.5000	150	245	-50.08	-13.00	37.08	Pass	Vertical
10	6930.0000	150	301	-47.49	-13.00	34.49	Pass	Vertical
11	8874.2937	150	323	-40.54	-13.00	27.54	Pass	Vertical
12	14754.5877	150	166	-30.90	-13.00	17.90	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20393
Remark:	1.4M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.9860	150	224	-78.47	-13.00	65.47	Pass	Horizontal
2	120.0340	150	1	-69.61	-13.00	56.61	Pass	Horizontal
3	180.9622	150	360	-62.06	-13.00	49.06	Pass	Horizontal
4	290.2060	150	140	-66.23	-13.00	53.23	Pass	Horizontal
5	479.1998	150	129	-52.70	-13.00	39.70	Pass	Horizontal
6	599.5039	150	317	-63.71	-13.00	50.71	Pass	Horizontal
7	1258.0258	150	317	-48.08	-13.00	35.08	Pass	Horizontal
8	3508.6000	150	227	-49.78	-13.00	36.78	Pass	Horizontal
9	5262.9000	150	171	-49.61	-13.00	36.61	Pass	Horizontal
10	7017.2000	150	286	-46.39	-13.00	33.39	Pass	Horizontal
11	9693.3347	150	171	-39.39	-13.00	26.39	Pass	Horizontal
12	15203.8602	150	133	-30.57	-13.00	17.57	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20385
Remark:	1.4M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.7025	150	271	-67.32	-13.00	54.32	Pass	Vertical
2	199.9780	150	141	-67.92	-13.00	54.92	Pass	Vertical
3	290.4001	150	1	-70.42	-13.00	57.42	Pass	Vertical
4	480.3641	150	1	-65.38	-13.00	52.38	Pass	Vertical
5	599.5039	150	295	-64.43	-13.00	51.43	Pass	Vertical
6	799.5579	150	282	-65.08	-13.00	52.08	Pass	Vertical
7	1194.6195	150	176	-45.11	-13.00	32.11	Pass	Vertical
8	3508.6000	150	17	-48.79	-13.00	35.79	Pass	Vertical
9	5262.9000	150	342	-49.85	-13.00	36.85	Pass	Vertical
10	7017.2000	150	304	-45.10	-13.00	32.10	Pass	Vertical
11	11495.6748	150	94	-35.89	-13.00	22.89	Pass	Vertical
12	15065.1033	150	248	-29.93	-13.00	16.93	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20385
Remark:	3M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	62.5985	150	352	-79.19	-13.00	66.19	Pass	Horizontal
2	120.0340	150	1	-70.48	-13.00	57.48	Pass	Horizontal
3	167.9616	150	1	-63.47	-13.00	50.47	Pass	Horizontal
4	354.8210	150	270	-65.92	-13.00	52.92	Pass	Horizontal
5	599.5039	150	329	-60.38	-13.00	47.38	Pass	Horizontal
6	797.0354	150	129	-68.87	-13.00	55.87	Pass	Horizontal
7	1399.4399	150	294	-48.34	-13.00	35.34	Pass	Horizontal
8	3507.0000	150	74	-49.16	-13.00	36.16	Pass	Horizontal
9	5260.5000	150	342	-49.49	-13.00	36.49	Pass	Horizontal
10	7014.0000	150	1	-45.31	-13.00	32.31	Pass	Horizontal
11	9562.0781	150	171	-39.11	-13.00	26.11	Pass	Horizontal
12	14831.0916	150	228	-30.45	-13.00	17.45	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20385
Remark:	3M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	54.6429	150	35	-67.61	-13.00	54.61	Pass	Vertical
2	199.2018	150	153	-69.30	-13.00	56.30	Pass	Vertical
3	290.2060	150	24	-71.80	-13.00	58.80	Pass	Vertical
4	399.4499	150	176	-73.92	-13.00	60.92	Pass	Vertical
5	598.1456	150	316	-62.67	-13.00	49.67	Pass	Vertical
6	796.6473	150	305	-65.95	-13.00	52.95	Pass	Vertical
7	1197.0197	150	294	-44.63	-13.00	31.63	Pass	Vertical
8	3508.6000	150	342	-48.22	-13.00	35.22	Pass	Vertical
9	5262.9000	150	189	-49.80	-13.00	36.80	Pass	Vertical
10	7017.2000	150	286	-46.94	-13.00	33.94	Pass	Vertical
11	11510.6755	150	227	-35.95	-13.00	22.95	Pass	Vertical
12	15095.8548	150	172	-30.63	-13.00	17.63	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20375
Remark:	5M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.9860	150	36	-78.98	-13.00	65.98	Pass	Horizontal
2	120.0340	150	354	-70.28	-13.00	57.28	Pass	Horizontal
3	179.7980	150	343	-64.18	-13.00	51.18	Pass	Horizontal
4	399.6439	150	319	-64.37	-13.00	51.37	Pass	Horizontal
5	598.9218	150	283	-65.28	-13.00	52.28	Pass	Horizontal
6	755.3171	150	190	-68.56	-13.00	55.56	Pass	Horizontal
7	1397.2397	150	84	-48.17	-13.00	35.17	Pass	Horizontal
8	3505.0000	150	13	-49.73	-13.00	36.73	Pass	Horizontal
9	5257.5000	150	208	-49.51	-13.00	36.51	Pass	Horizontal
10	7010.0000	150	69	-46.07	-13.00	33.07	Pass	Horizontal
11	11509.9255	150	187	-36.53	-13.00	23.53	Pass	Horizontal
12	15014.1007	150	325	-30.26	-13.00	17.26	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20350
Remark:	5M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	51.9264	150	200	-65.39	-13.00	52.39	Pass	Vertical
2	208.9038	150	211	-68.83	-13.00	55.83	Pass	Vertical
3	290.5941	150	360	-72.46	-13.00	59.46	Pass	Vertical
4	398.8678	150	246	-74.18	-13.00	61.18	Pass	Vertical
5	597.5635	150	270	-65.90	-13.00	52.90	Pass	Vertical
6	796.6473	150	94	-65.29	-13.00	52.29	Pass	Vertical
7	1199.0199	150	294	-47.85	-13.00	34.85	Pass	Vertical
8	3505.0000	150	95	-48.86	-13.00	35.86	Pass	Vertical
9	5257.5000	150	248	-49.55	-13.00	36.55	Pass	Vertical
10	7010.0000	150	36	-45.75	-13.00	32.75	Pass	Vertical
11	11245.1623	150	1	-37.73	-13.00	24.73	Pass	Vertical
12	15098.8549	150	1	-30.41	-13.00	17.41	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20350
Remark:	10M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	120.0340	150	13	-70.00	-13.00	57.00	Pass	Horizontal
2	161.1702	150	359	-64.61	-13.00	51.61	Pass	Horizontal
3	290.2060	150	133	-67.17	-13.00	54.17	Pass	Horizontal
4	400.0320	150	121	-64.49	-13.00	51.49	Pass	Horizontal
5	599.8920	150	326	-63.89	-13.00	50.89	Pass	Horizontal
6	720.7782	150	121	-67.31	-13.00	54.31	Pass	Horizontal
7	1333.6334	150	326	-48.80	-13.00	35.80	Pass	Horizontal
8	3500.0000	150	108	-49.52	-13.00	36.52	Pass	Horizontal
9	5250.0000	150	129	-48.68	-13.00	35.68	Pass	Horizontal
10	7000.0000	150	12	-45.84	-13.00	32.84	Pass	Horizontal
11	11488.9244	150	303	-37.26	-13.00	24.26	Pass	Horizontal
12	15042.6021	150	324	-30.45	-13.00	17.45	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20350
Remark:	10M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	54.4489	150	280	-67.91	-13.00	54.91	Pass	Vertical
2	199.3959	150	170	-66.43	-13.00	53.43	Pass	Vertical
3	290.5941	150	196	-72.96	-13.00	59.96	Pass	Vertical
4	399.2559	150	269	-70.36	-13.00	57.36	Pass	Vertical
5	599.5039	150	61	-65.69	-13.00	52.69	Pass	Vertical
6	730.4801	150	244	-66.82	-13.00	53.82	Pass	Vertical
7	1195.6196	150	317	-46.44	-13.00	33.44	Pass	Vertical
8	3500.0000	150	11	-49.33	-13.00	36.33	Pass	Vertical
9	5250.0000	150	50	-49.43	-13.00	36.43	Pass	Vertical
10	7000.0000	150	342	-45.32	-13.00	32.32	Pass	Vertical
11	10272.3636	150	89	-38.68	-13.00	25.68	Pass	Vertical
12	15122.8561	150	224	-30.81	-13.00	17.81	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20325
Remark:	15M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	120.0340	150	13	-70.73	-13.00	57.73	Pass	Horizontal
2	161.3643	150	209	-64.71	-13.00	51.71	Pass	Horizontal
3	199.7840	150	235	-65.14	-13.00	52.14	Pass	Horizontal
4	354.6269	150	136	-64.91	-13.00	51.91	Pass	Horizontal
5	598.5337	150	333	-63.71	-13.00	50.71	Pass	Horizontal
6	799.5579	150	172	-66.59	-13.00	53.59	Pass	Horizontal
7	1399.0399	150	209	-47.75	-13.00	34.75	Pass	Horizontal
8	3495.0000	150	264	-49.23	-13.00	36.23	Pass	Horizontal
9	5242.5000	150	30	-50.06	-13.00	37.06	Pass	Horizontal
10	6990.0000	150	168	-46.84	-13.00	33.84	Pass	Horizontal
11	9357.3179	150	129	-39.75	-13.00	26.75	Pass	Horizontal
12	14873.0937	150	206	-30.62	-13.00	17.62	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20325
Remark:	15M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	54.6429	150	360	-68.50	-13.00	55.50	Pass	Vertical
2	208.9038	150	256	-69.36	-13.00	56.36	Pass	Vertical
3	290.2060	150	26	-72.84	-13.00	59.84	Pass	Vertical
4	399.4499	150	14	-72.40	-13.00	59.40	Pass	Vertical
5	597.7576	150	329	-62.60	-13.00	49.60	Pass	Vertical
6	796.6473	150	269	-66.07	-13.00	53.07	Pass	Vertical
7	1398.6399	150	135	-42.69	-13.00	29.69	Pass	Vertical
8	3495.0000	150	260	-48.47	-13.00	35.47	Pass	Vertical
9	5242.5000	150	202	-50.38	-13.00	37.38	Pass	Vertical
10	6990.0000	150	243	-45.55	-13.00	32.55	Pass	Vertical
11	9251.5626	150	243	-39.56	-13.00	26.56	Pass	Vertical
12	14867.0934	150	162	-30.02	-13.00	17.02	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20300
Remark:	20M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	120.0340	150	360	-70.22	-13.00	57.22	Pass	Horizontal
2	161.3643	150	1	-64.68	-13.00	51.68	Pass	Horizontal
3	290.4001	150	135	-67.15	-13.00	54.15	Pass	Horizontal
4	399.8380	150	330	-63.56	-13.00	50.56	Pass	Horizontal
5	597.9516	150	306	-65.34	-13.00	52.34	Pass	Horizontal
6	797.0354	150	86	-68.04	-13.00	55.04	Pass	Horizontal
7	1465.4465	150	196	-48.33	-13.00	35.33	Pass	Horizontal
8	3490.0000	150	168	-49.08	-13.00	36.08	Pass	Horizontal
9	5235.0000	150	91	-49.73	-13.00	36.73	Pass	Horizontal
10	6980.0000	150	91	-46.51	-13.00	33.51	Pass	Horizontal
11	8776.0388	150	207	-40.13	-13.00	27.13	Pass	Horizontal
12	15056.1028	150	303	-30.22	-13.00	17.22	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20300
Remark:	20M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	54.2549	150	325	-67.99	-13.00	54.99	Pass	Vertical
2	199.5899	150	194	-68.45	-13.00	55.45	Pass	Vertical
3	290.2060	150	49	-72.86	-13.00	59.86	Pass	Vertical
4	399.6439	150	24	-72.25	-13.00	59.25	Pass	Vertical
5	599.8920	150	338	-63.52	-13.00	50.52	Pass	Vertical
6	796.4533	150	302	-66.86	-13.00	53.86	Pass	Vertical
7	1398.2398	150	121	-44.16	-13.00	31.16	Pass	Vertical
8	3490.0000	150	359	-48.84	-13.00	35.84	Pass	Vertical
9	5235.0000	150	264	-49.39	-13.00	36.39	Pass	Vertical
10	6980.0000	150	50	-45.83	-13.00	32.83	Pass	Vertical
11	11500.1750	150	29	-36.60	-13.00	23.60	Pass	Vertical
12	15044.8522	150	11	-30.72	-13.00	17.72	Pass	Vertical

16QAM

Mode:	LTE Traffic						
Band:	4	Channel:	19957				
Remark:	1.4M						
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.1356	150	46	-77.90	-13.00	64.90	Pass	Horizontal
2	158.8418	150	46	-64.25	-13.00	51.25	Pass	Horizontal
3	208.9038	150	95	-75.00	-13.00	62.00	Pass	Horizontal
4	375.0010	150	199	-74.37	-13.00	61.37	Pass	Horizontal
5	478.6177	150	102	-74.49	-13.00	61.49	Pass	Horizontal
6	687.5975	150	143	-70.68	-13.00	57.68	Pass	Horizontal
7	1395.8396	150	0	-50.71	-13.00	37.71	Pass	Horizontal
8	3421.4000	150	102	-51.78	-13.00	38.78	Pass	Horizontal
9	5132.1000	150	23	-50.98	-13.00	37.98	Pass	Horizontal
10	6842.8000	150	182	-50.60	-13.00	37.60	Pass	Horizontal
11	11507.6754	150	227	-41.10	-13.00	28.10	Pass	Horizontal
12	14477.0739	150	216	-38.90	-13.00	25.90	Pass	Horizontal

Mode:	LTE Traffic						
Band:	4	Channel:	19957				
Remark:	1.4M						
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.2701	150	176	-67.33	-13.00	54.33	Pass	Vertical
2	90.3461	150	80	-77.26	-13.00	64.26	Pass	Vertical
3	159.4239	150	198	-72.00	-13.00	59.00	Pass	Vertical
4	208.9038	150	52	-68.62	-13.00	55.62	Pass	Vertical
5	399.6439	150	24	-75.49	-13.00	62.49	Pass	Vertical
6	687.5975	150	198	-67.96	-13.00	54.96	Pass	Vertical
7	1399.6400	150	114	-46.36	-13.00	33.36	Pass	Vertical
8	3421.4000	150	360	-50.27	-13.00	37.27	Pass	Vertical
9	5132.1000	150	57	-50.77	-13.00	37.77	Pass	Vertical
10	6842.8000	150	227	-49.83	-13.00	36.83	Pass	Vertical
11	10595.6298	150	12	-41.74	-13.00	28.74	Pass	Vertical
12	13707.5354	150	360	-38.38	-13.00	25.38	Pass	Vertical

Mode:		LTE Traffic						
Band:		4		Channel:		19965		
Remark:		3M						
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	46.4933	150	31	-78.15	-13.00	65.15	Pass	Horizontal
2	120.0340	150	162	-72.42	-13.00	59.42	Pass	Horizontal
3	160.9762	150	7	-64.16	-13.00	51.16	Pass	Horizontal
4	375.0010	150	0	-75.64	-13.00	62.64	Pass	Horizontal
5	480.5581	150	146	-74.58	-13.00	61.58	Pass	Horizontal
6	687.5975	150	61	-72.09	-13.00	59.09	Pass	Horizontal
7	1396.0396	150	7	-50.07	-13.00	37.07	Pass	Horizontal
8	3423.0000	150	153	-52.40	-13.00	39.40	Pass	Horizontal
9	5134.5000	150	236	-49.50	-13.00	36.50	Pass	Horizontal
10	6846.0000	150	204	-50.57	-13.00	37.57	Pass	Horizontal
11	9298.8149	150	88	-42.19	-13.00	29.19	Pass	Horizontal
12	14397.5699	150	358	-39.41	-13.00	26.41	Pass	Horizontal

Mode:		LTE Traffic						
Band:		4		Channel:		19965		
Remark:		3M						
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.6581	150	319	-67.26	-13.00	54.26	Pass	Vertical
2	120.0340	150	178	-76.03	-13.00	63.03	Pass	Vertical
3	160.0060	150	193	-72.29	-13.00	59.29	Pass	Vertical
4	208.9038	150	193	-68.50	-13.00	55.50	Pass	Vertical
5	375.0010	150	164	-75.85	-13.00	62.85	Pass	Vertical
6	687.5975	150	290	-68.26	-13.00	55.26	Pass	Vertical
7	1200.0200	150	164	-51.49	-13.00	38.49	Pass	Vertical
8	3423.0000	150	20	-52.41	-13.00	39.41	Pass	Vertical
9	5134.5000	150	113	-51.79	-13.00	38.79	Pass	Vertical
10	6846.0000	150	360	-49.12	-13.00	36.12	Pass	Vertical
11	9383.5692	150	360	-42.38	-13.00	29.38	Pass	Vertical
12	13940.7970	150	159	-39.78	-13.00	26.78	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	19975
Remark:	5M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	61.2402	150	145	-78.17	-13.00	65.17	Pass	Horizontal
2	119.8400	150	358	-72.23	-13.00	59.23	Pass	Horizontal
3	158.6477	150	18	-64.27	-13.00	51.27	Pass	Horizontal
4	375.0010	150	117	-75.17	-13.00	62.17	Pass	Horizontal
5	479.3939	150	131	-74.43	-13.00	61.43	Pass	Horizontal
6	687.5975	150	145	-71.91	-13.00	58.91	Pass	Horizontal
7	1398.0398	150	5	-49.64	-13.00	36.64	Pass	Horizontal
8	3425.0000	150	205	-50.67	-13.00	37.67	Pass	Horizontal
9	5137.5000	150	1	-49.86	-13.00	36.86	Pass	Horizontal
10	6850.0000	150	297	-50.02	-13.00	37.02	Pass	Horizontal
11	10174.8587	150	359	-42.23	-13.00	29.23	Pass	Horizontal
12	14873.8437	150	88	-39.16	-13.00	26.16	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	19975
Remark:	5M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.2701	150	151	-66.62	-13.00	53.62	Pass	Vertical
2	160.0060	150	178	-71.89	-13.00	58.89	Pass	Vertical
3	208.9038	150	80	-68.25	-13.00	55.25	Pass	Vertical
4	398.2857	150	122	-74.52	-13.00	61.52	Pass	Vertical
5	599.5039	150	359	-73.84	-13.00	60.84	Pass	Vertical
6	687.5975	150	24	-68.40	-13.00	55.40	Pass	Vertical
7	1286.0286	150	10	-51.17	-13.00	38.17	Pass	Vertical
8	3425.0000	150	41	-53.25	-13.00	40.25	Pass	Vertical
9	5137.5000	150	158	-51.99	-13.00	38.99	Pass	Vertical
10	6850.0000	150	158	-50.34	-13.00	37.34	Pass	Vertical
11	10142.6071	150	226	-41.97	-13.00	28.97	Pass	Vertical
12	14412.5706	150	359	-38.43	-13.00	25.43	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20000
Remark:	10M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.8522	150	3	-78.17	-13.00	65.17	Pass	Horizontal
2	157.2895	150	15	-64.32	-13.00	51.32	Pass	Horizontal
3	270.0260	150	175	-76.62	-13.00	63.62	Pass	Horizontal
4	375.0010	150	320	-74.50	-13.00	61.50	Pass	Horizontal
5	480.7522	150	100	-74.13	-13.00	61.13	Pass	Horizontal
6	687.5975	150	29	-71.74	-13.00	58.74	Pass	Horizontal
7	1397.2397	150	3	-49.80	-13.00	36.80	Pass	Horizontal
8	3430.0000	150	113	-52.88	-13.00	39.88	Pass	Horizontal
9	5145.0000	150	320	-50.28	-13.00	37.28	Pass	Horizontal
10	6860.0000	150	180	-49.36	-13.00	36.36	Pass	Horizontal
11	8491.7746	150	252	-44.21	-13.00	31.21	Pass	Horizontal
12	14400.5700	150	227	-39.19	-13.00	26.19	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20000
Remark:	10M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.2701	150	261	-67.33	-13.00	54.33	Pass	Vertical
2	160.0060	150	176	-72.45	-13.00	59.45	Pass	Vertical
3	208.9038	150	36	-68.21	-13.00	55.21	Pass	Vertical
4	329.9840	150	162	-76.59	-13.00	63.59	Pass	Vertical
5	398.2857	150	319	-75.39	-13.00	62.39	Pass	Vertical
6	687.5975	150	219	-67.14	-13.00	54.14	Pass	Vertical
7	1395.6396	150	106	-48.51	-13.00	35.51	Pass	Vertical
8	3430.0000	150	360	-53.19	-13.00	40.19	Pass	Vertical
9	5145.0000	150	276	-50.71	-13.00	37.71	Pass	Vertical
10	6860.0000	150	349	-50.73	-13.00	37.73	Pass	Vertical
11	10303.1152	150	159	-41.71	-13.00	28.71	Pass	Vertical
12	15057.6029	150	159	-39.44	-13.00	26.44	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20025
Remark:	15M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.2847	150	212	-78.16	-13.00	65.16	Pass	Horizontal
2	160.0060	150	37	-64.84	-13.00	51.84	Pass	Horizontal
3	208.9038	150	96	-73.85	-13.00	60.85	Pass	Horizontal
4	375.0010	150	24	-75.00	-13.00	62.00	Pass	Horizontal
5	584.9510	150	96	-74.06	-13.00	61.06	Pass	Horizontal
6	687.5975	150	124	-71.88	-13.00	58.88	Pass	Horizontal
7	1394.4394	150	0	-50.22	-13.00	37.22	Pass	Horizontal
8	3435.0000	150	116	-52.35	-13.00	39.35	Pass	Horizontal
9	5152.5000	150	352	-51.39	-13.00	38.39	Pass	Horizontal
10	6870.0000	150	233	-49.82	-13.00	36.82	Pass	Horizontal
11	10262.6131	150	279	-41.73	-13.00	28.73	Pass	Horizontal
12	14546.0773	150	43	-39.44	-13.00	26.44	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20025
Remark:	15M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	59.8820	150	345	-66.78	-13.00	53.78	Pass	Vertical
2	164.2749	150	174	-71.43	-13.00	58.43	Pass	Vertical
3	208.9038	150	218	-68.77	-13.00	55.77	Pass	Vertical
4	398.2857	150	331	-74.16	-13.00	61.16	Pass	Vertical
5	687.5975	150	67	-67.47	-13.00	54.47	Pass	Vertical
6	798.5877	150	159	-67.63	-13.00	54.63	Pass	Vertical
7	1397.0397	150	116	-47.00	-13.00	34.00	Pass	Vertical
8	3435.0000	150	238	-52.26	-13.00	39.26	Pass	Vertical
9	5152.5000	150	359	-51.62	-13.00	38.62	Pass	Vertical
10	6870.0000	150	43	-50.34	-13.00	37.34	Pass	Vertical
11	9148.8074	150	316	-42.75	-13.00	29.75	Pass	Vertical
12	13683.5342	150	342	-39.36	-13.00	26.36	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20050
Remark:	20M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	57.7476	150	33	-77.82	-13.00	64.82	Pass	Horizontal
2	122.5565	150	119	-69.71	-13.00	56.71	Pass	Horizontal
3	159.2298	150	17	-64.30	-13.00	51.30	Pass	Horizontal
4	270.0260	150	17	-78.19	-13.00	65.19	Pass	Horizontal
5	375.0010	150	0	-73.59	-13.00	60.59	Pass	Horizontal
6	687.5975	150	47	-72.02	-13.00	59.02	Pass	Horizontal
7	1398.6399	150	0	-50.86	-13.00	37.86	Pass	Horizontal
8	3440.0000	150	227	-52.28	-13.00	39.28	Pass	Horizontal
9	5160.0000	150	1	-50.95	-13.00	37.95	Pass	Horizontal
10	6880.0000	150	159	-50.36	-13.00	37.36	Pass	Horizontal
11	9699.3350	150	344	-42.39	-13.00	29.39	Pass	Horizontal
12	14467.3234	150	88	-39.48	-13.00	26.48	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20050
Remark:	20M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.0760	150	9	-67.19	-13.00	54.19	Pass	Vertical
2	155.3491	150	178	-71.71	-13.00	58.71	Pass	Vertical
3	208.9038	150	38	-67.75	-13.00	54.75	Pass	Vertical
4	329.9840	150	347	-77.55	-13.00	64.55	Pass	Vertical
5	399.6439	150	333	-77.05	-13.00	64.05	Pass	Vertical
6	687.5975	150	347	-67.56	-13.00	54.56	Pass	Vertical
7	1396.4396	150	52	-48.70	-13.00	35.70	Pass	Vertical
8	3440.0000	150	67	-52.32	-13.00	39.32	Pass	Vertical
9	5160.0000	150	159	-50.61	-13.00	37.61	Pass	Vertical
10	6880.0000	150	360	-49.39	-13.00	36.39	Pass	Vertical
11	9986.5993	150	252	-42.33	-13.00	29.33	Pass	Vertical
12	14005.3003	150	345	-39.33	-13.00	26.33	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20175
Remark:	1.4M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.2847	150	358	-77.93	-13.00	64.93	Pass	Horizontal
2	117.7055	150	319	-74.12	-13.00	61.12	Pass	Horizontal
3	159.4239	150	358	-62.16	-13.00	49.16	Pass	Horizontal
4	375.0010	150	204	-75.40	-13.00	62.40	Pass	Horizontal
5	482.1104	150	142	-74.67	-13.00	61.67	Pass	Horizontal
6	687.5975	150	156	-72.04	-13.00	59.04	Pass	Horizontal
7	1396.2396	150	217	-50.23	-13.00	37.23	Pass	Horizontal
8	3465.0000	150	360	-52.32	-13.00	39.32	Pass	Horizontal
9	5197.5000	150	208	-51.60	-13.00	38.60	Pass	Horizontal
10	6930.0000	150	42	-50.85	-13.00	37.85	Pass	Horizontal
11	9269.5635	150	182	-42.80	-13.00	29.80	Pass	Horizontal
12	14351.0676	150	360	-38.16	-13.00	25.16	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20175
Remark:	1.4M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.0760	150	0	-65.64	-13.00	52.64	Pass	Vertical
2	159.8120	150	191	-71.02	-13.00	58.02	Pass	Vertical
3	208.9038	150	63	-68.29	-13.00	55.29	Pass	Vertical
4	309.9980	150	318	-75.99	-13.00	62.99	Pass	Vertical
5	399.8380	150	106	-76.55	-13.00	63.55	Pass	Vertical
6	687.5975	150	218	-68.27	-13.00	55.27	Pass	Vertical
7	1193.8194	150	191	-50.70	-13.00	37.70	Pass	Vertical
8	3465.0000	150	20	-50.35	-13.00	37.35	Pass	Vertical
9	5197.5000	150	360	-50.48	-13.00	37.48	Pass	Vertical
10	6930.0000	150	360	-49.25	-13.00	36.25	Pass	Vertical
11	8050.0025	150	320	-43.26	-13.00	30.26	Pass	Vertical
12	14315.0658	150	2	-38.87	-13.00	25.87	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20175
Remark:	3M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.5085	150	194	-76.20	-13.00	63.20	Pass	Horizontal
2	123.3327	150	359	-75.45	-13.00	62.45	Pass	Horizontal
3	158.8418	150	25	-62.90	-13.00	49.90	Pass	Horizontal
4	208.9038	150	194	-75.47	-13.00	62.47	Pass	Horizontal
5	375.0010	150	336	-73.07	-13.00	60.07	Pass	Horizontal
6	687.5975	150	52	-72.12	-13.00	59.12	Pass	Horizontal
7	1397.0397	150	10	-49.46	-13.00	36.46	Pass	Horizontal
8	3465.0000	150	20	-51.91	-13.00	38.91	Pass	Horizontal
9	5197.5000	150	88	-50.70	-13.00	37.70	Pass	Horizontal
10	6930.0000	150	298	-50.39	-13.00	37.39	Pass	Horizontal
11	9304.0652	150	360	-42.81	-13.00	29.81	Pass	Horizontal
12	14960.8480	150	134	-39.08	-13.00	26.08	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20175
Remark:	3M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	59.8820	150	247	-67.34	-13.00	54.34	Pass	Vertical
2	157.8716	150	192	-71.39	-13.00	58.39	Pass	Vertical
3	208.9038	150	304	-68.07	-13.00	55.07	Pass	Vertical
4	329.9840	150	319	-76.44	-13.00	63.44	Pass	Vertical
5	398.8678	150	121	-76.36	-13.00	63.36	Pass	Vertical
6	687.5975	150	176	-68.51	-13.00	55.51	Pass	Vertical
7	1395.2395	150	78	-47.77	-13.00	34.77	Pass	Vertical
8	3465.0000	150	159	-52.42	-13.00	39.42	Pass	Vertical
9	5197.5000	150	206	-51.64	-13.00	38.64	Pass	Vertical
10	6930.0000	150	20	-49.87	-13.00	36.87	Pass	Vertical
11	10066.1033	150	298	-42.34	-13.00	29.34	Pass	Vertical
12	14301.5651	150	206	-39.27	-13.00	26.27	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20175
Remark:	5M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	62.0164	150	195	-77.83	-13.00	64.83	Pass	Horizontal
2	158.0656	150	55	-62.65	-13.00	49.65	Pass	Horizontal
3	208.9038	150	195	-76.77	-13.00	63.77	Pass	Horizontal
4	375.0010	150	351	-74.38	-13.00	61.38	Pass	Horizontal
5	536.2472	150	124	-76.09	-13.00	63.09	Pass	Horizontal
6	687.5975	150	153	-71.46	-13.00	58.46	Pass	Horizontal
7	1398.4398	150	55	-51.35	-13.00	38.35	Pass	Horizontal
8	3465.0000	150	293	-52.68	-13.00	39.68	Pass	Horizontal
9	5197.5000	150	39	-51.93	-13.00	38.93	Pass	Horizontal
10	6930.0000	150	107	-49.56	-13.00	36.56	Pass	Horizontal
11	10717.8859	150	178	-41.60	-13.00	28.60	Pass	Horizontal
12	15074.8537	150	293	-38.88	-13.00	25.88	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20175
Remark:	5M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.0760	150	27	-67.25	-13.00	54.25	Pass	Vertical
2	161.1702	150	226	-71.20	-13.00	58.20	Pass	Vertical
3	208.9038	150	56	-68.53	-13.00	55.53	Pass	Vertical
4	309.9980	150	197	-77.85	-13.00	64.85	Pass	Vertical
5	375.0010	150	56	-76.81	-13.00	63.81	Pass	Vertical
6	687.5975	150	268	-67.41	-13.00	54.41	Pass	Vertical
7	1397.8398	150	141	-47.78	-13.00	34.78	Pass	Vertical
8	3465.0000	150	133	-51.15	-13.00	38.15	Pass	Vertical
9	5197.5000	150	272	-51.49	-13.00	38.49	Pass	Vertical
10	6930.0000	150	154	-50.02	-13.00	37.02	Pass	Vertical
11	9334.0667	150	293	-43.11	-13.00	30.11	Pass	Vertical
12	14385.5693	150	340	-39.36	-13.00	26.36	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20175
Remark:	10M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.1204	150	2	-77.46	-13.00	64.46	Pass	Horizontal
2	115.1830	150	2	-76.16	-13.00	63.16	Pass	Horizontal
3	157.6775	150	50	-61.09	-13.00	48.09	Pass	Horizontal
4	208.9038	150	105	-75.22	-13.00	62.22	Pass	Horizontal
5	375.0010	150	2	-74.01	-13.00	61.01	Pass	Horizontal
6	687.5975	150	182	-69.68	-13.00	56.68	Pass	Horizontal
7	1397.8398	150	8	-51.30	-13.00	38.30	Pass	Horizontal
8	3465.0000	150	156	-51.60	-13.00	38.60	Pass	Horizontal
9	5197.5000	150	190	-51.33	-13.00	38.33	Pass	Horizontal
10	6930.0000	150	246	-49.13	-13.00	36.13	Pass	Horizontal
11	9757.0879	150	9	-41.62	-13.00	28.62	Pass	Horizontal
12	14486.0743	150	0	-39.05	-13.00	26.05	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20175
Remark:	10M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.0760	150	360	-66.09	-13.00	53.09	Pass	Vertical
2	109.9440	150	154	-77.22	-13.00	64.22	Pass	Vertical
3	208.9038	150	59	-68.20	-13.00	55.20	Pass	Vertical
4	329.9840	150	12	-76.54	-13.00	63.54	Pass	Vertical
5	597.7576	150	24	-73.92	-13.00	60.92	Pass	Vertical
6	687.5975	150	225	-68.06	-13.00	55.06	Pass	Vertical
7	1305.8306	150	84	-46.35	-13.00	33.35	Pass	Vertical
8	3465.0000	150	53	-52.70	-13.00	39.70	Pass	Vertical
9	5197.5000	150	324	-51.11	-13.00	38.11	Pass	Vertical
10	6930.0000	150	342	-49.96	-13.00	36.96	Pass	Vertical
11	9913.0957	150	71	-42.25	-13.00	29.25	Pass	Vertical
12	15056.8528	150	110	-38.37	-13.00	25.37	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20175
Remark:	15M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.7025	150	43	-77.80	-13.00	64.80	Pass	Horizontal
2	156.5133	150	35	-62.75	-13.00	49.75	Pass	Horizontal
3	208.9038	150	201	-75.60	-13.00	62.60	Pass	Horizontal
4	375.0010	150	2	-74.54	-13.00	61.54	Pass	Horizontal
5	584.9510	150	126	-74.82	-13.00	61.82	Pass	Horizontal
6	687.5975	150	153	-69.48	-13.00	56.48	Pass	Horizontal
7	1396.4396	150	15	-50.87	-13.00	37.87	Pass	Horizontal
8	3465.0000	150	10	-51.43	-13.00	38.43	Pass	Horizontal
9	5197.5000	150	280	-51.86	-13.00	38.86	Pass	Horizontal
10	6930.0000	150	191	-50.57	-13.00	37.57	Pass	Horizontal
11	9849.3425	150	90	-41.81	-13.00	28.81	Pass	Horizontal
12	15048.6024	150	314	-39.07	-13.00	26.07	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20175
Remark:	15M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.2701	150	182	-66.72	-13.00	53.72	Pass	Vertical
2	167.9616	150	355	-70.33	-13.00	57.33	Pass	Vertical
3	208.9038	150	293	-68.27	-13.00	55.27	Pass	Vertical
4	309.9980	150	113	-77.26	-13.00	64.26	Pass	Vertical
5	398.4797	150	189	-74.93	-13.00	61.93	Pass	Vertical
6	687.5975	150	252	-68.16	-13.00	55.16	Pass	Vertical
7	1394.6395	150	127	-47.83	-13.00	34.83	Pass	Vertical
8	3465.0000	150	90	-51.74	-13.00	38.74	Pass	Vertical
9	5197.5000	150	225	-51.77	-13.00	38.77	Pass	Vertical
10	6930.0000	150	270	-49.79	-13.00	36.79	Pass	Vertical
11	9255.3128	150	158	-42.59	-13.00	29.59	Pass	Vertical
12	14069.0535	150	78	-38.84	-13.00	25.84	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20175
Remark:	20M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	61.0462	150	239	-78.28	-13.00	65.28	Pass	Horizontal
2	120.0340	150	141	-73.05	-13.00	60.05	Pass	Horizontal
3	157.2895	150	28	-62.92	-13.00	49.92	Pass	Horizontal
4	208.9038	150	99	-76.77	-13.00	63.77	Pass	Horizontal
5	375.0010	150	2	-74.68	-13.00	61.68	Pass	Horizontal
6	687.5975	150	14	-70.76	-13.00	57.76	Pass	Horizontal
7	1398.8399	150	360	-50.08	-13.00	37.08	Pass	Horizontal
8	3465.0000	150	226	-52.45	-13.00	39.45	Pass	Horizontal
9	5197.5000	150	247	-51.09	-13.00	38.09	Pass	Horizontal
10	6930.0000	150	272	-50.01	-13.00	37.01	Pass	Horizontal
11	10191.3596	150	318	-41.47	-13.00	28.47	Pass	Horizontal
12	15136.3568	150	62	-39.14	-13.00	26.14	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20175
Remark:	20M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.0760	150	325	-66.88	-13.00	53.88	Pass	Vertical
2	91.7043	150	354	-77.42	-13.00	64.42	Pass	Vertical
3	160.2000	150	211	-71.59	-13.00	58.59	Pass	Vertical
4	208.9038	150	84	-68.21	-13.00	55.21	Pass	Vertical
5	399.8380	150	28	-76.17	-13.00	63.17	Pass	Vertical
6	687.5975	150	227	-67.82	-13.00	54.82	Pass	Vertical
7	1399.2399	150	100	-47.95	-13.00	34.95	Pass	Vertical
8	3465.0000	150	108	-52.81	-13.00	39.81	Pass	Vertical
9	5197.5000	150	86	-51.81	-13.00	38.81	Pass	Vertical
10	6930.0000	150	0	-50.63	-13.00	37.63	Pass	Vertical
11	9103.8052	150	133	-42.43	-13.00	29.43	Pass	Vertical
12	15021.6011	150	318	-39.12	-13.00	26.12	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20393
Remark:	1.4M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.1204	150	321	-77.17	-13.00	64.17	Pass	Horizontal
2	120.0340	150	109	-76.11	-13.00	63.11	Pass	Horizontal
3	155.9312	150	54	-63.08	-13.00	50.08	Pass	Horizontal
4	375.0010	150	11	-75.74	-13.00	62.74	Pass	Horizontal
5	584.9510	150	123	-73.03	-13.00	60.03	Pass	Horizontal
6	687.5975	150	152	-69.99	-13.00	56.99	Pass	Horizontal
7	1398.8399	150	11	-50.65	-13.00	37.65	Pass	Horizontal
8	3508.6000	150	108	-50.88	-13.00	37.88	Pass	Horizontal
9	5262.9000	150	201	-51.69	-13.00	38.69	Pass	Horizontal
10	7017.2000	150	86	-50.42	-13.00	37.42	Pass	Horizontal
11	9388.0694	150	272	-42.37	-13.00	29.37	Pass	Horizontal
12	14417.8209	150	108	-39.44	-13.00	26.44	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20393
Remark:	1.4M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.2701	150	253	-67.17	-13.00	54.17	Pass	Vertical
2	167.9616	150	324	-70.78	-13.00	57.78	Pass	Vertical
3	208.9038	150	84	-68.96	-13.00	55.96	Pass	Vertical
4	309.9980	150	56	-76.88	-13.00	63.88	Pass	Vertical
5	411.4803	150	126	-76.91	-13.00	63.91	Pass	Vertical
6	687.5975	150	2	-67.77	-13.00	54.77	Pass	Vertical
7	1399.4399	150	155	-48.11	-13.00	35.11	Pass	Vertical
8	3508.6000	150	86	-50.93	-13.00	37.93	Pass	Vertical
9	5262.9000	150	62	-51.93	-13.00	38.93	Pass	Vertical
10	7017.2000	150	0	-50.01	-13.00	37.01	Pass	Vertical
11	9474.3237	150	40	-42.80	-13.00	29.80	Pass	Vertical
12	14058.5529	150	201	-39.15	-13.00	26.15	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20385
Remark:	3M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	57.9416	150	339	-77.97	-13.00	64.97	Pass	Horizontal
2	122.9446	150	169	-75.52	-13.00	62.52	Pass	Horizontal
3	158.0656	150	27	-63.32	-13.00	50.32	Pass	Horizontal
4	375.0010	150	27	-74.30	-13.00	61.30	Pass	Horizontal
5	517.0374	150	14	-77.68	-13.00	64.68	Pass	Horizontal
6	687.5975	150	184	-70.26	-13.00	57.26	Pass	Horizontal
7	1397.2397	150	1	-51.08	-13.00	38.08	Pass	Horizontal
8	3507.0000	150	133	-52.21	-13.00	39.21	Pass	Horizontal
9	5260.5000	150	179	-51.18	-13.00	38.18	Pass	Horizontal
10	7014.0000	150	62	-49.58	-13.00	36.58	Pass	Horizontal
11	10234.8617	150	318	-41.78	-13.00	28.78	Pass	Horizontal
12	15053.8527	150	294	-37.95	-13.00	24.95	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20385
Remark:	3M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.0760	150	56	-65.90	-13.00	52.90	Pass	Vertical
2	90.5401	150	112	-77.15	-13.00	64.15	Pass	Vertical
3	208.9038	150	240	-69.00	-13.00	56.00	Pass	Vertical
4	299.9080	150	27	-77.14	-13.00	64.14	Pass	Vertical
5	411.4803	150	112	-76.10	-13.00	63.10	Pass	Vertical
6	687.5975	150	255	-67.69	-13.00	54.69	Pass	Vertical
7	1396.6397	150	85	-48.53	-13.00	35.53	Pass	Vertical
8	3507.0000	150	62	-51.97	-13.00	38.97	Pass	Vertical
9	5260.5000	150	0	-52.15	-13.00	39.15	Pass	Vertical
10	7014.0000	150	200	-48.96	-13.00	35.96	Pass	Vertical
11	10252.8626	150	108	-41.14	-13.00	28.14	Pass	Vertical
12	15065.1033	150	108	-39.30	-13.00	26.30	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20375
Remark:	5M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	46.8814	150	27	-78.94	-13.00	65.94	Pass	Horizontal
2	61.6283	150	282	-77.67	-13.00	64.67	Pass	Horizontal
3	156.5133	150	2	-63.26	-13.00	50.26	Pass	Horizontal
4	375.0010	150	13	-75.46	-13.00	62.46	Pass	Horizontal
5	584.9510	150	141	-72.91	-13.00	59.91	Pass	Horizontal
6	799.7520	150	83	-70.89	-13.00	57.89	Pass	Horizontal
7	1396.2396	150	360	-50.67	-13.00	37.67	Pass	Horizontal
8	3505.0000	150	200	-51.10	-13.00	38.10	Pass	Horizontal
9	5257.5000	150	272	-51.23	-13.00	38.23	Pass	Horizontal
10	7010.0000	150	179	-48.75	-13.00	35.75	Pass	Horizontal
11	10132.8566	150	179	-41.48	-13.00	28.48	Pass	Horizontal
12	14528.0764	150	272	-38.98	-13.00	25.98	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20375
Remark:	5M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	59.8820	150	337	-66.77	-13.00	53.77	Pass	Vertical
2	164.4689	150	183	-70.96	-13.00	57.96	Pass	Vertical
3	208.9038	150	70	-68.46	-13.00	55.46	Pass	Vertical
4	341.6263	150	27	-77.94	-13.00	64.94	Pass	Vertical
5	460.5721	150	196	-77.20	-13.00	64.20	Pass	Vertical
6	687.5975	150	281	-68.23	-13.00	55.23	Pass	Vertical
7	1196.8197	150	196	-51.20	-13.00	38.20	Pass	Vertical
8	3505.0000	150	40	-51.29	-13.00	38.29	Pass	Vertical
9	5257.5000	150	0	-52.65	-13.00	39.65	Pass	Vertical
10	7010.0000	150	179	-48.33	-13.00	35.33	Pass	Vertical
11	10132.8566	150	247	-41.70	-13.00	28.70	Pass	Vertical
12	13399.2700	150	86	-39.81	-13.00	26.81	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20350
Remark:	10M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.1204	150	1	-77.77	-13.00	64.77	Pass	Horizontal
2	120.0340	150	146	-74.23	-13.00	61.23	Pass	Horizontal
3	158.6477	150	14	-63.46	-13.00	50.46	Pass	Horizontal
4	375.0010	150	1	-75.79	-13.00	62.79	Pass	Horizontal
5	584.9510	150	161	-72.81	-13.00	59.81	Pass	Horizontal
6	687.5975	150	71	-71.34	-13.00	58.34	Pass	Horizontal
7	1394.2394	150	14	-50.89	-13.00	37.89	Pass	Horizontal
8	3500.0000	150	154	-50.44	-13.00	37.44	Pass	Horizontal
9	5250.0000	150	154	-50.07	-13.00	37.07	Pass	Horizontal
10	7000.0000	150	132	-49.43	-13.00	36.43	Pass	Horizontal
11	8536.0268	150	225	-43.58	-13.00	30.58	Pass	Horizontal
12	14562.5781	150	200	-38.81	-13.00	25.81	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20350
Remark:	10M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	59.6879	150	169	-66.83	-13.00	53.83	Pass	Vertical
2	160.0060	150	198	-70.93	-13.00	57.93	Pass	Vertical
3	208.9038	150	70	-68.57	-13.00	55.57	Pass	Vertical
4	399.4499	150	243	-76.54	-13.00	63.54	Pass	Vertical
5	598.1456	150	2	-75.45	-13.00	62.45	Pass	Vertical
6	687.5975	150	285	-68.49	-13.00	55.49	Pass	Vertical
7	1396.8397	150	126	-47.55	-13.00	34.55	Pass	Vertical
8	3500.0000	150	248	-52.39	-13.00	39.39	Pass	Vertical
9	5250.0000	150	358	-52.63	-13.00	39.63	Pass	Vertical
10	7000.0000	150	156	-49.06	-13.00	36.06	Pass	Vertical
11	10129.8565	150	1	-42.44	-13.00	29.44	Pass	Vertical
12	14874.5937	150	202	-38.84	-13.00	25.84	Pass	Vertical

Mode:	LTE Traffic		
Band:	4	Channel:	20325
Remark:	15M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.5085	150	197	-77.60	-13.00	64.60	Pass	Horizontal
2	123.3327	150	168	-75.41	-13.00	62.41	Pass	Horizontal
3	156.9014	150	360	-64.12	-13.00	51.12	Pass	Horizontal
4	375.0010	150	354	-74.60	-13.00	61.60	Pass	Horizontal
5	584.9510	150	42	-74.85	-13.00	61.85	Pass	Horizontal
6	687.5975	150	197	-70.54	-13.00	57.54	Pass	Horizontal
7	1396.4396	150	14	-51.08	-13.00	38.08	Pass	Horizontal
8	3495.0000	150	198	-52.72	-13.00	39.72	Pass	Horizontal
9	5242.5000	150	359	-50.95	-13.00	37.95	Pass	Horizontal
10	6990.0000	150	35	-48.94	-13.00	35.94	Pass	Horizontal
11	9319.8160	150	129	-42.92	-13.00	29.92	Pass	Horizontal
12	14329.3165	150	10	-38.69	-13.00	25.69	Pass	Horizontal

Mode:	LTE Traffic		
Band:	4	Channel:	20325
Remark:	15M		

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.0760	150	140	-65.90	-13.00	52.90	Pass	Vertical
2	159.0358	150	183	-71.38	-13.00	58.38	Pass	Vertical
3	208.9038	150	322	-68.30	-13.00	55.30	Pass	Vertical
4	399.8380	150	359	-75.59	-13.00	62.59	Pass	Vertical
5	599.8920	150	56	-73.02	-13.00	60.02	Pass	Vertical
6	687.5975	150	238	-67.19	-13.00	54.19	Pass	Vertical
7	1398.0398	150	70	-49.36	-13.00	36.36	Pass	Vertical
8	3495.0000	150	224	-51.81	-13.00	38.81	Pass	Vertical
9	5242.5000	150	340	-50.58	-13.00	37.58	Pass	Vertical
10	6990.0000	150	10	-49.40	-13.00	36.40	Pass	Vertical
11	9118.8059	150	57	-42.58	-13.00	29.58	Pass	Vertical
12	14242.3121	150	340	-39.30	-13.00	26.30	Pass	Vertical

Mode:		LTE Traffic						
Band:		4		Channel:		20300		
Remark:		20M						
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.5085	150	253	-76.95	-13.00	63.95	Pass	Horizontal
2	117.1234	150	126	-71.05	-13.00	58.05	Pass	Horizontal
3	153.9908	150	41	-61.86	-13.00	48.86	Pass	Horizontal
4	375.0010	150	2	-74.18	-13.00	61.18	Pass	Horizontal
5	480.1700	150	197	-72.97	-13.00	59.97	Pass	Horizontal
6	687.5975	150	155	-70.23	-13.00	57.23	Pass	Horizontal
7	1291.4291	150	360	-51.87	-13.00	38.87	Pass	Horizontal
8	3490.0000	150	40	-52.08	-13.00	39.08	Pass	Horizontal
9	5235.0000	150	154	-51.72	-13.00	38.72	Pass	Horizontal
10	6980.0000	150	62	-49.49	-13.00	36.49	Pass	Horizontal
11	10114.1057	150	201	-42.25	-13.00	29.25	Pass	Horizontal
12	14930.8465	150	62	-39.04	-13.00	26.04	Pass	Horizontal

Mode:		LTE Traffic						
Band:		4		Channel:		20300		
Remark:		20M						
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.0760	150	84	-66.60	-13.00	53.60	Pass	Vertical
2	153.9908	150	211	-70.89	-13.00	57.89	Pass	Vertical
3	208.9038	150	282	-68.87	-13.00	55.87	Pass	Vertical
4	300.1020	150	70	-77.82	-13.00	64.82	Pass	Vertical
5	398.6737	150	56	-74.89	-13.00	61.89	Pass	Vertical
6	687.5975	150	282	-67.58	-13.00	54.58	Pass	Vertical
7	1399.0399	150	84	-47.49	-13.00	34.49	Pass	Vertical
8	3490.0000	150	179	-51.54	-13.00	38.54	Pass	Vertical
9	5235.0000	150	200	-50.90	-13.00	37.90	Pass	Vertical
10	6980.0000	150	294	-48.84	-13.00	35.84	Pass	Vertical
11	10787.6394	150	60	-41.64	-13.00	28.64	Pass	Vertical
12	15577.3789	150	200	-38.78	-13.00	25.78	Pass	Vertical

Note:

Scan from 9kHz to 25GHz, the disturbance above 18GHz 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.: GLMM18A02

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

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

Radiated spurious emission Test Setup-3(Close-up)

PHOTOGRAPHS OF EUT Constructional Details

Refer to Report No.EED32K00246401 for EUT external and internal photos.

*** End of Report ***