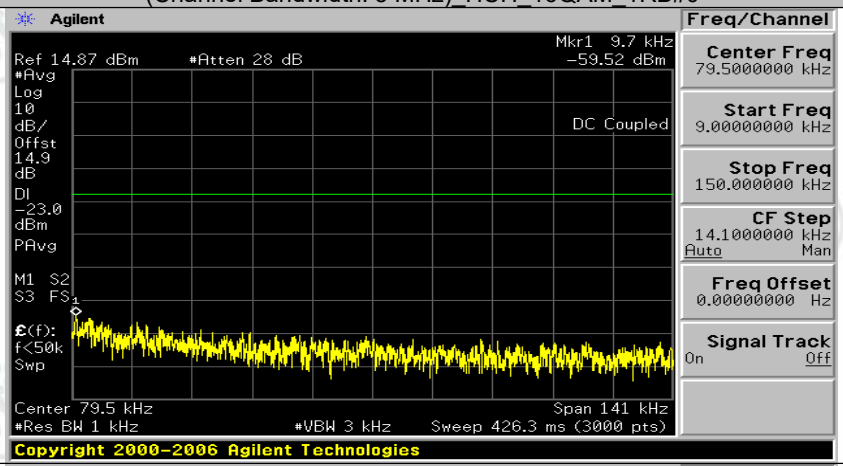
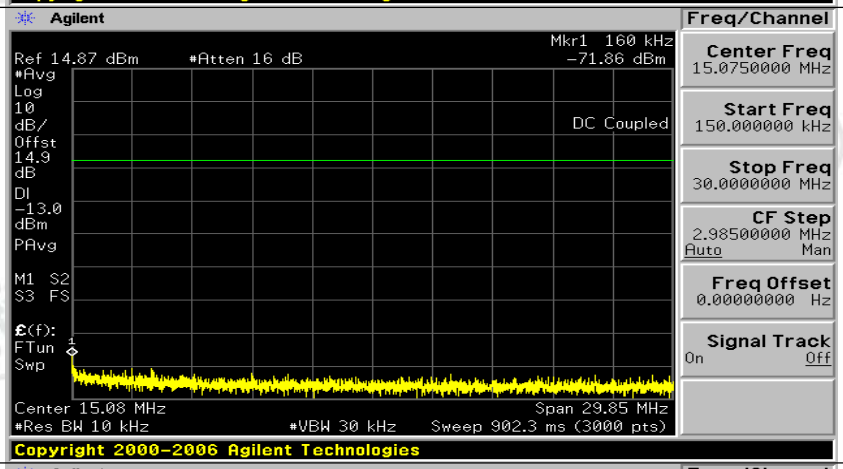
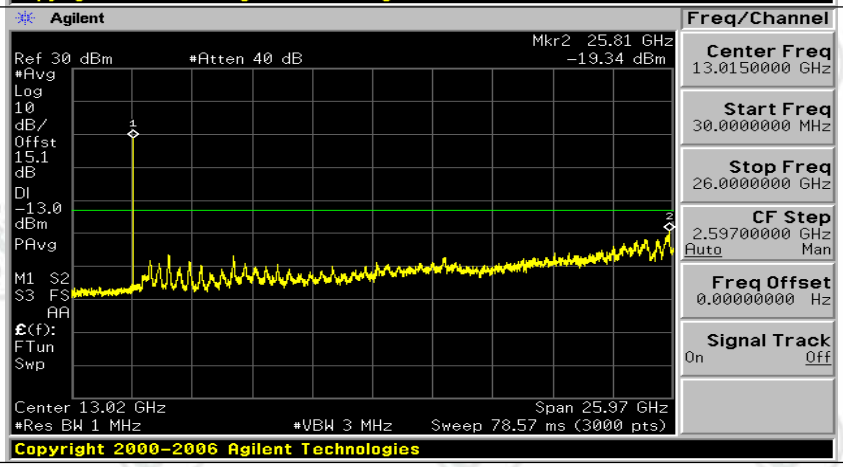
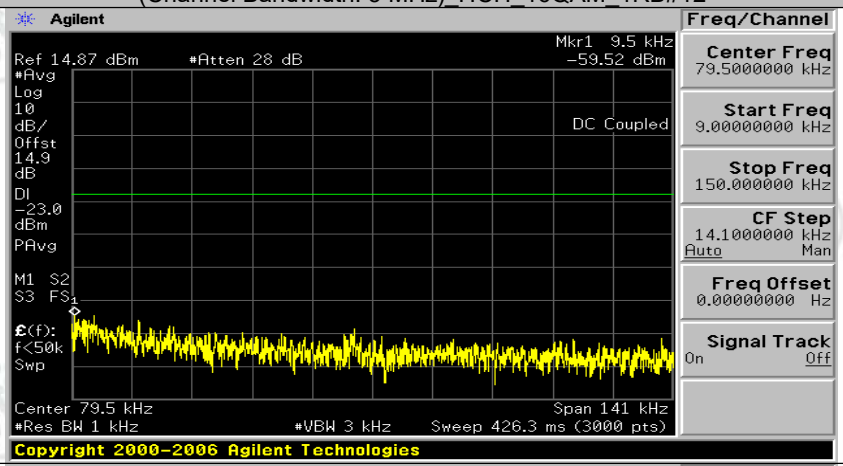
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

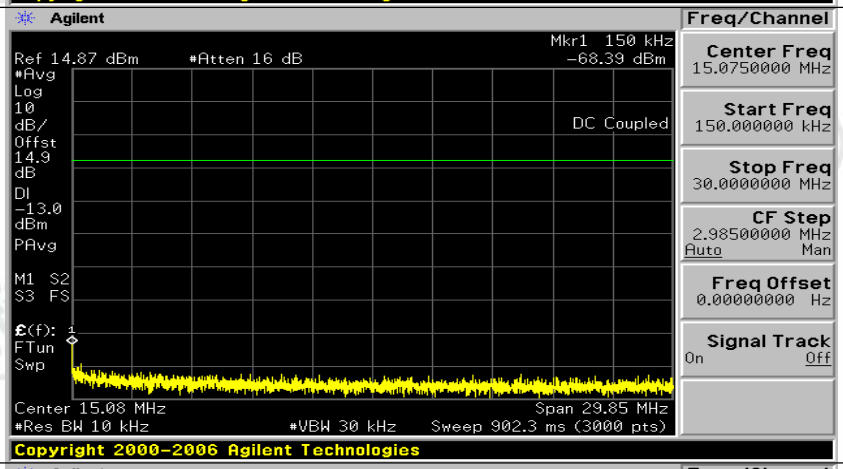


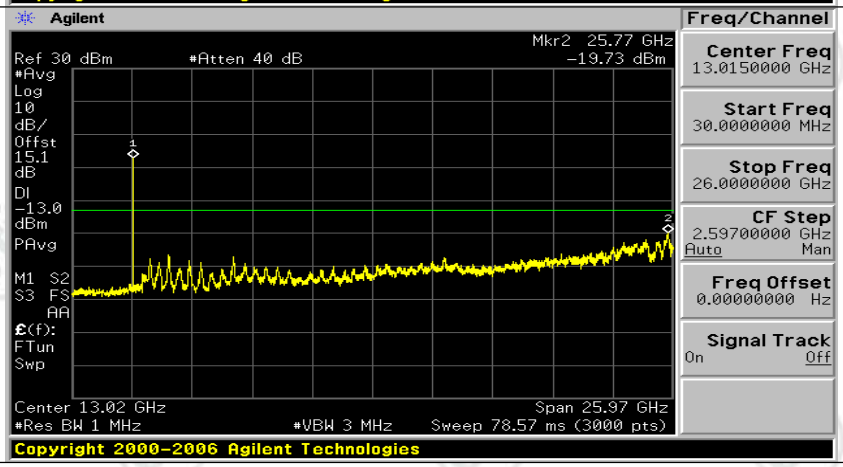




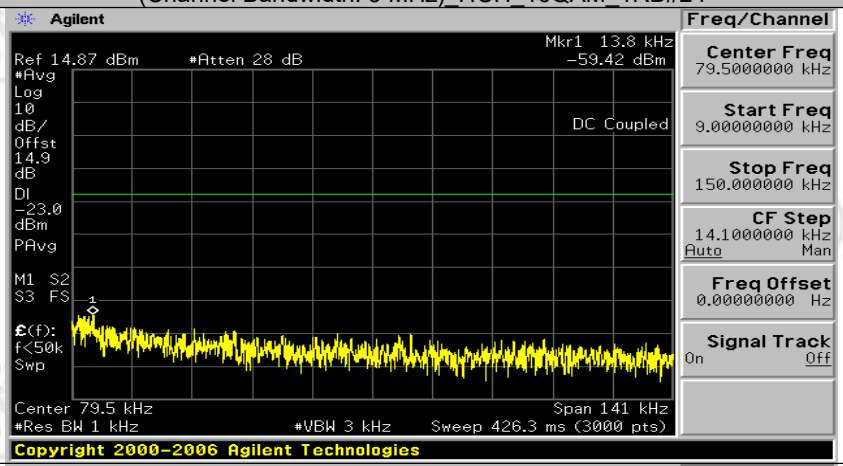
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

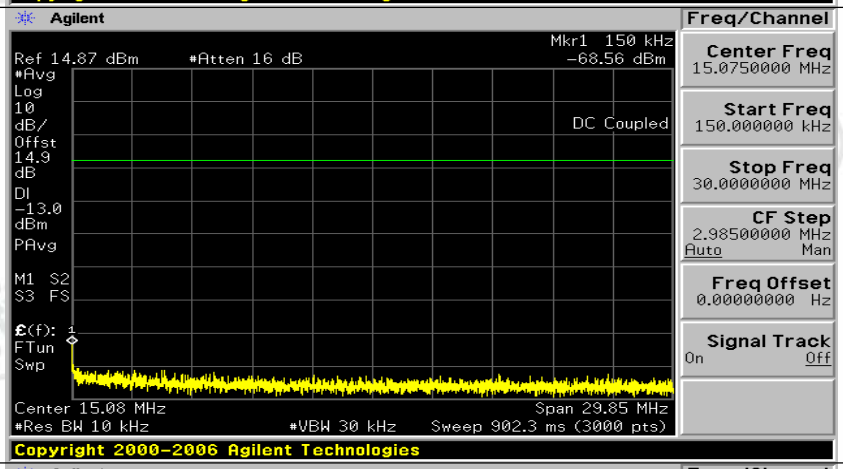


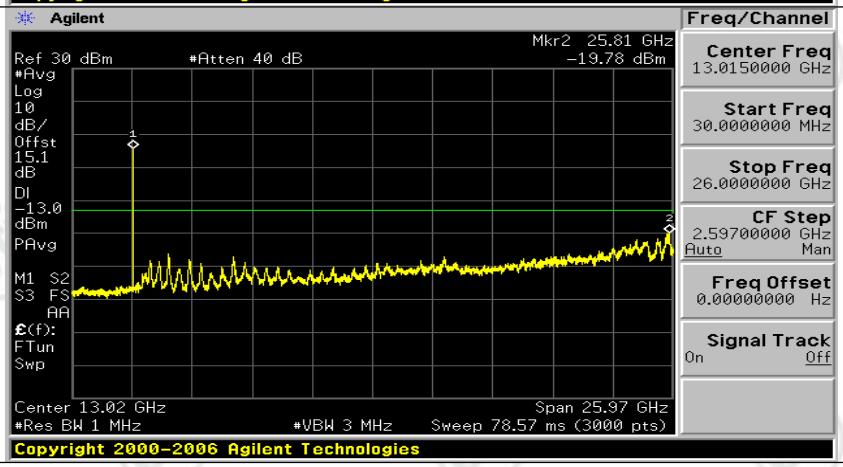




(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24

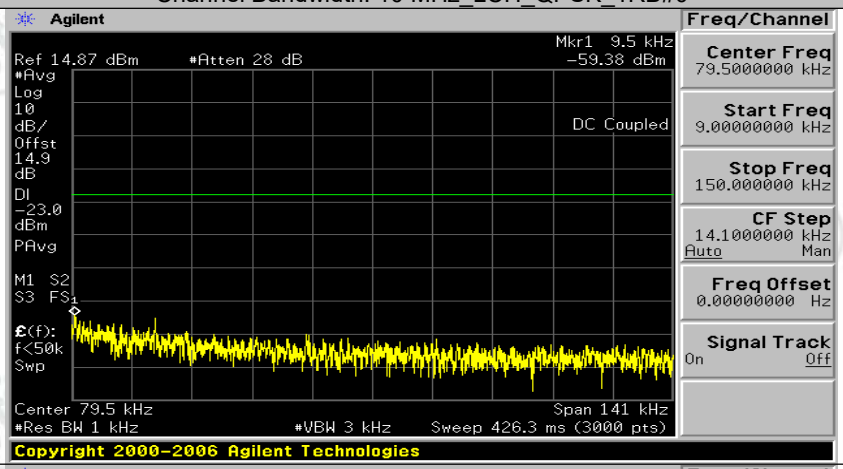


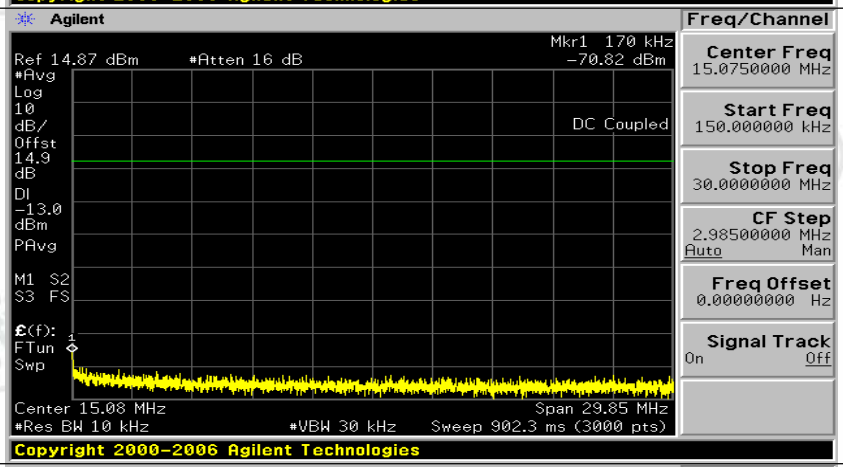


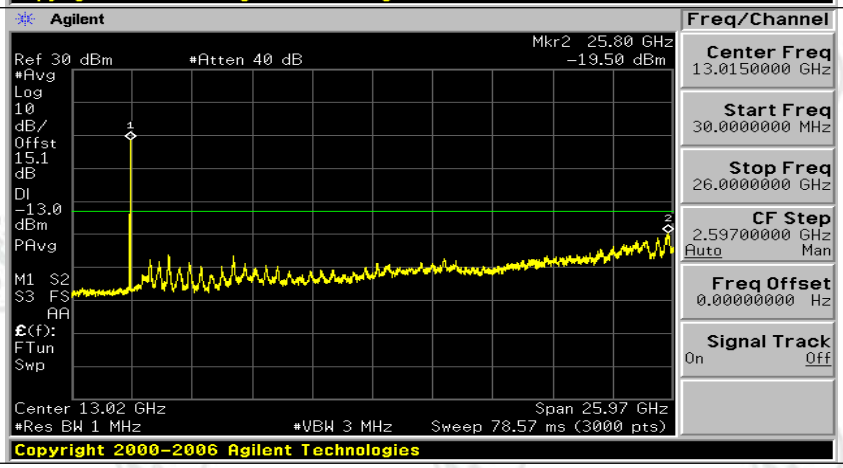


Channel Bandwidth: 10 MHz

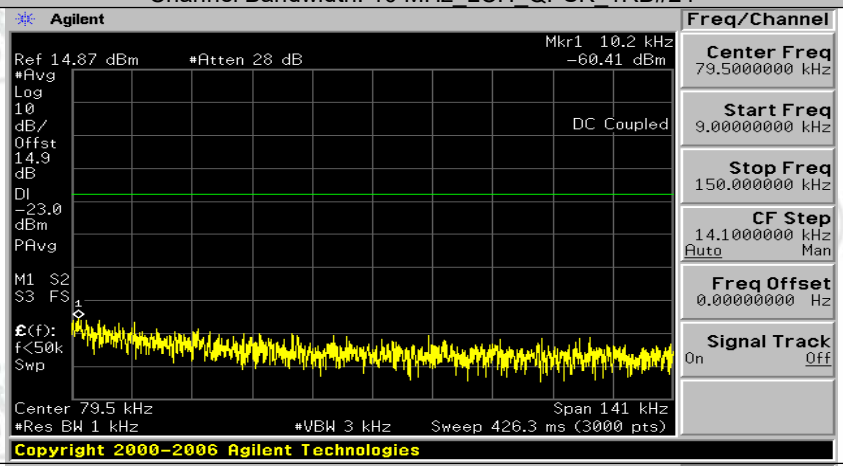
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0

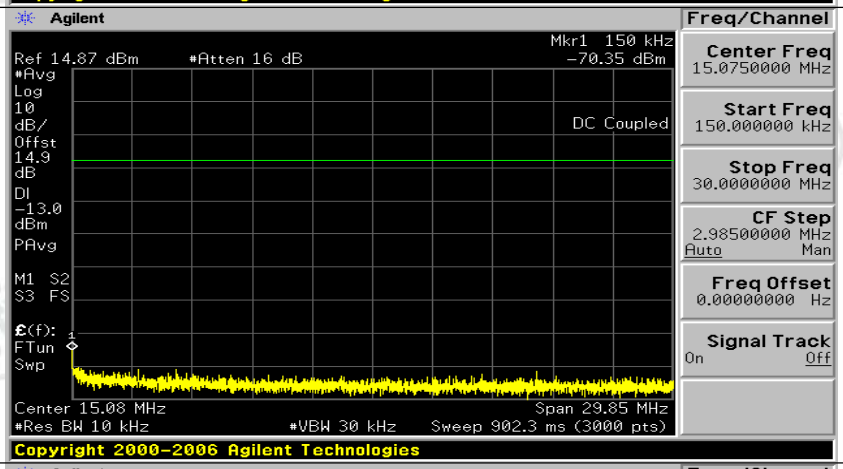


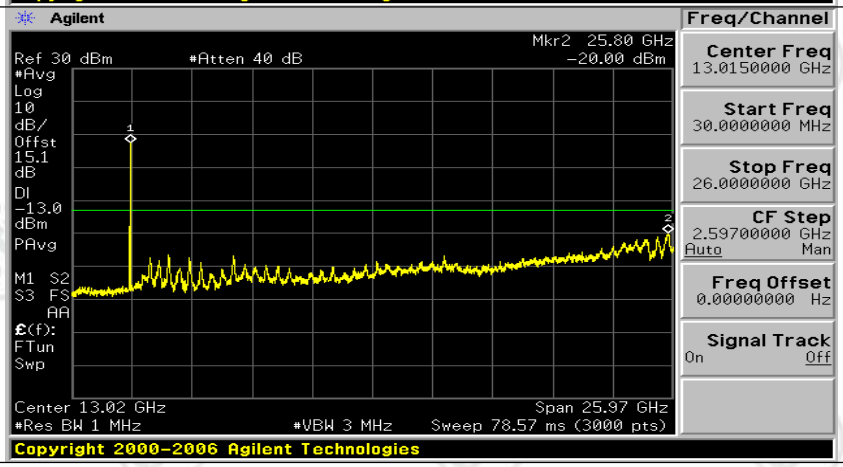




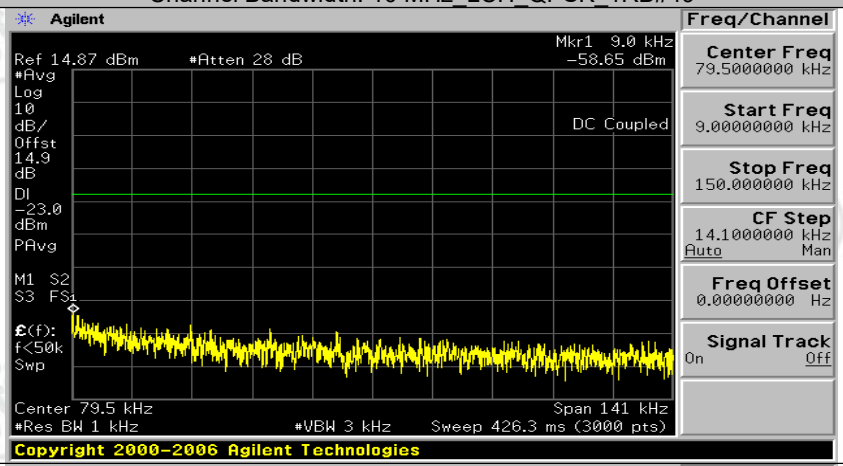
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24

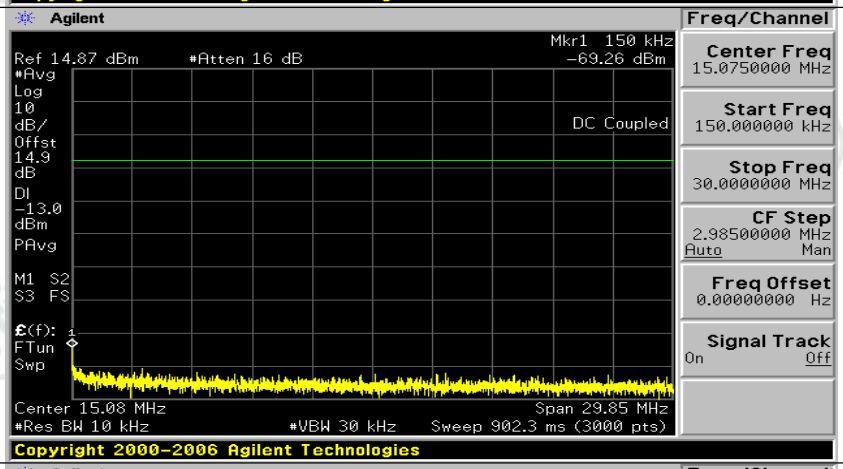


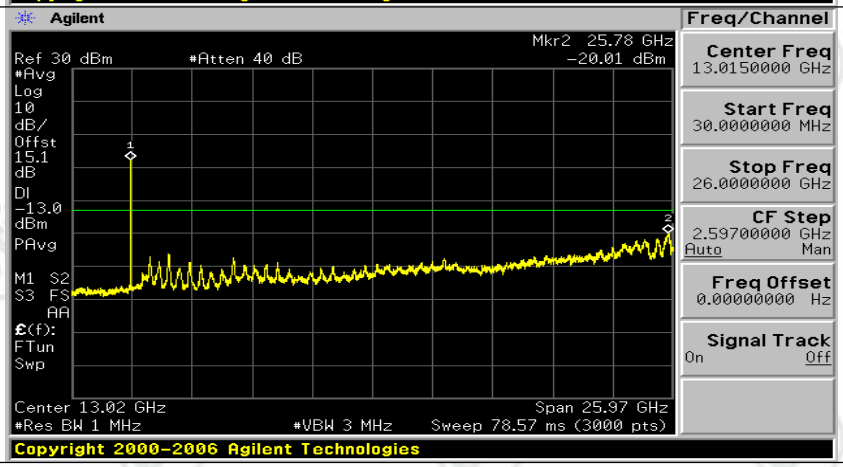




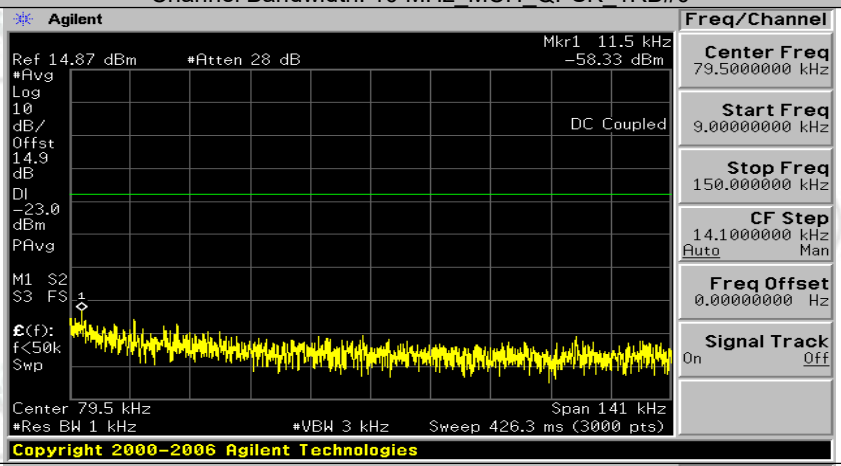
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49

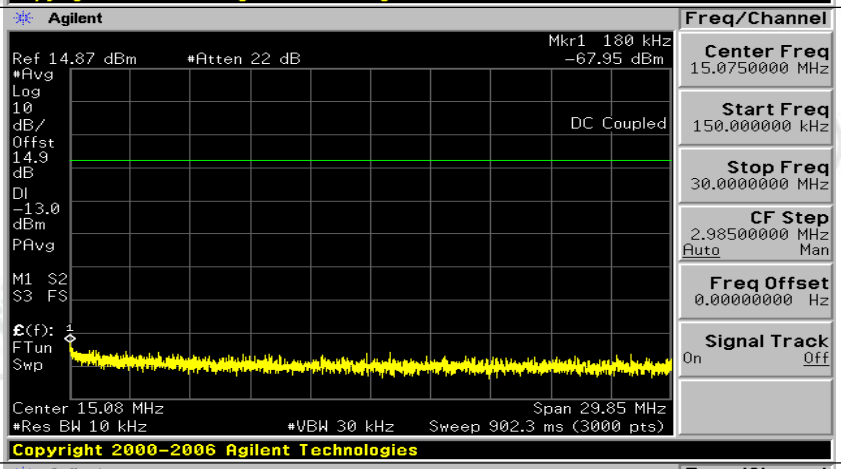


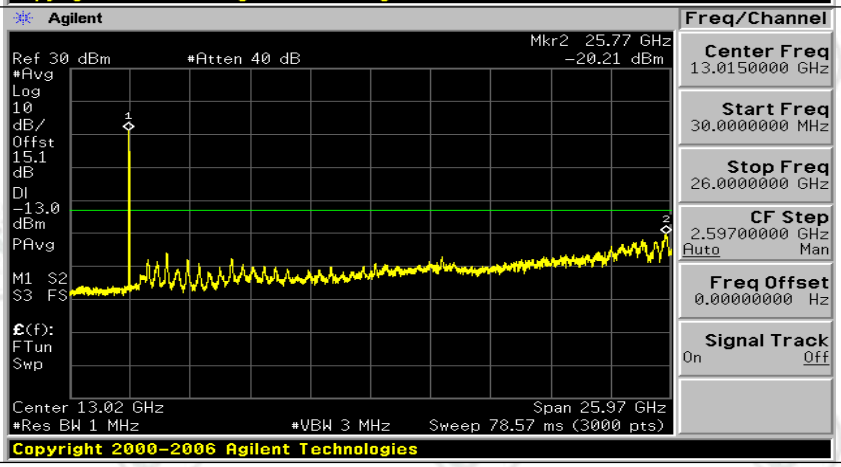




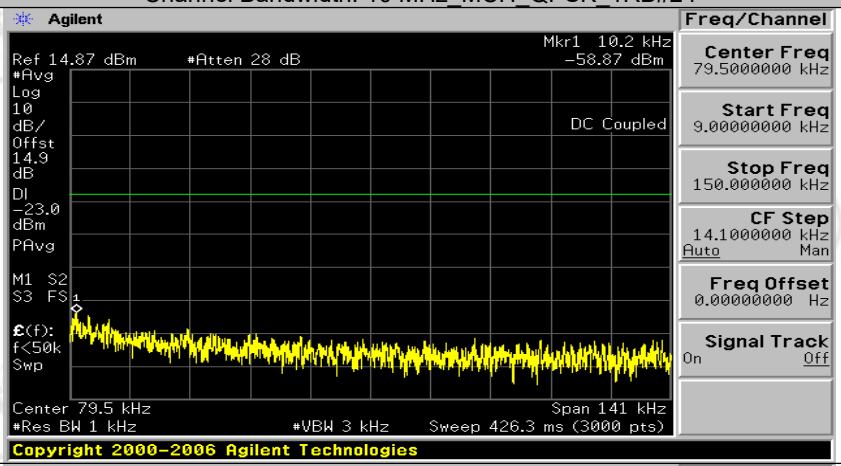
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

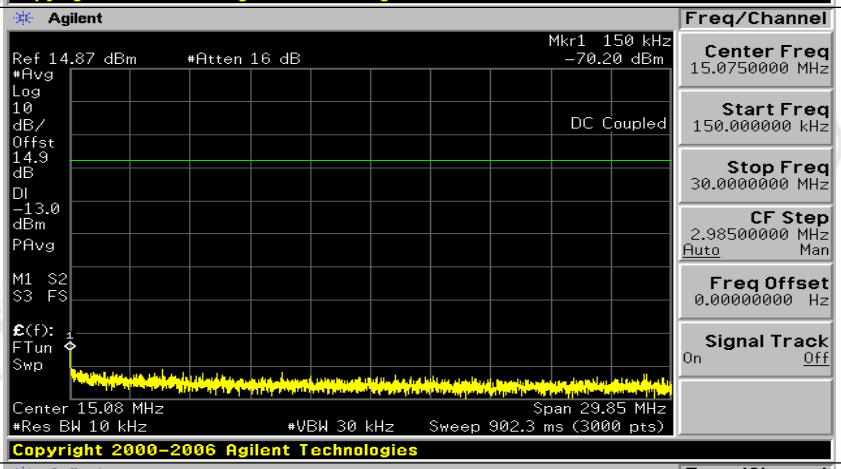


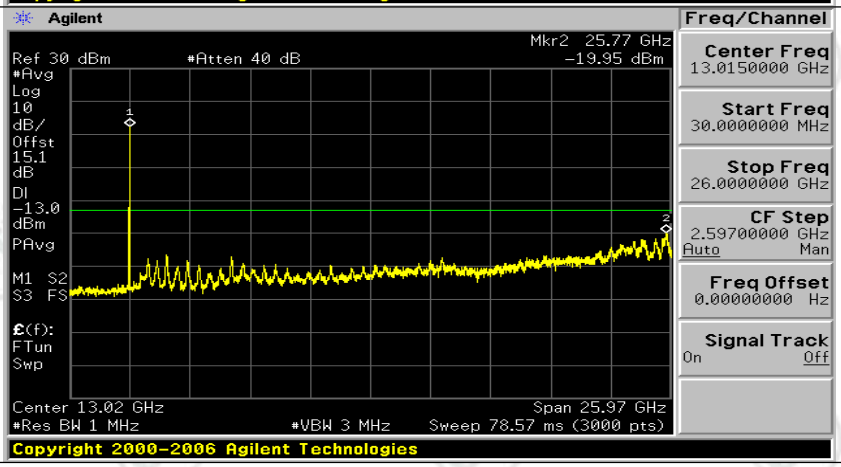




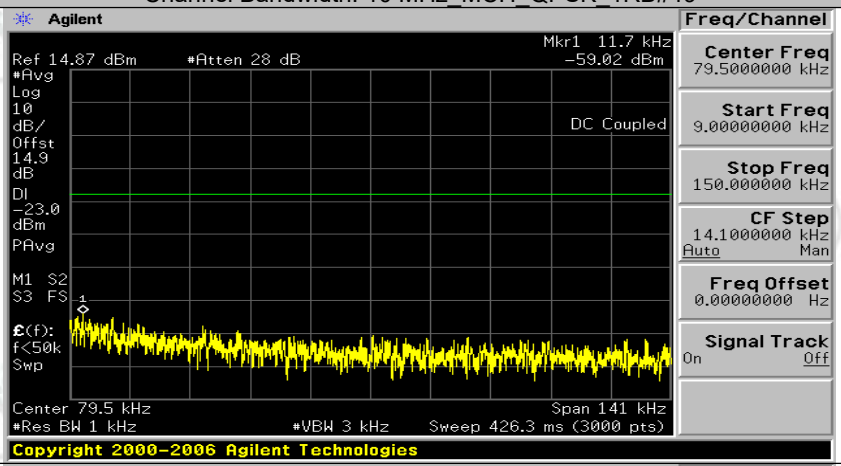
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

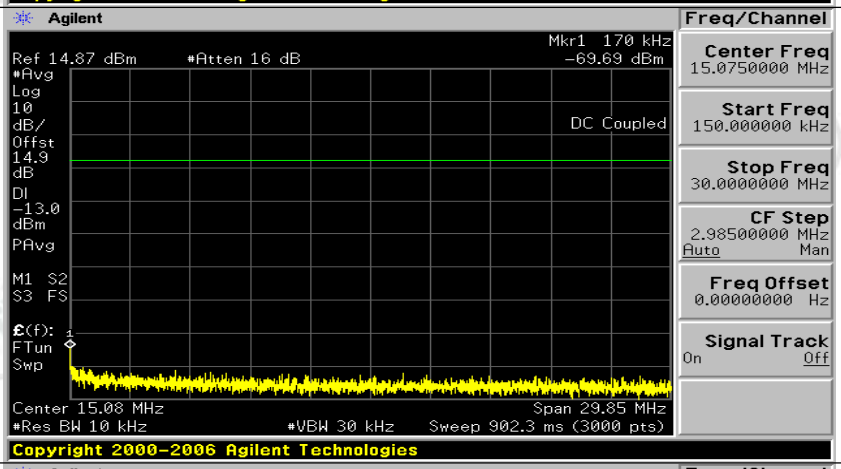


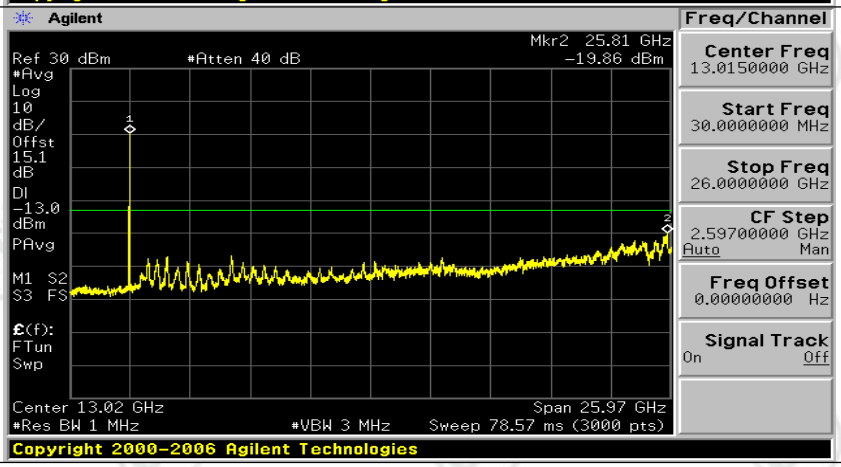




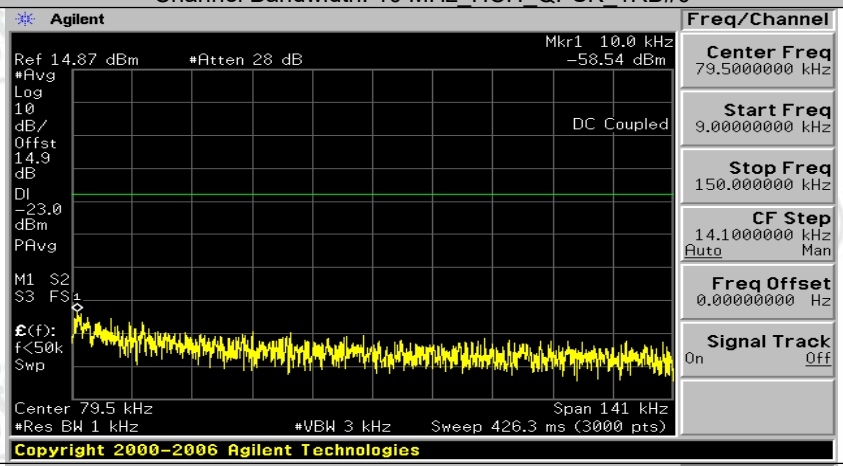
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

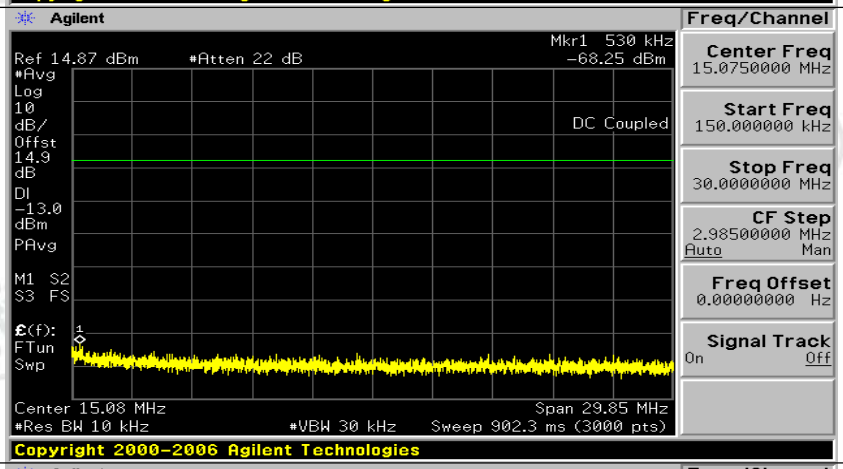


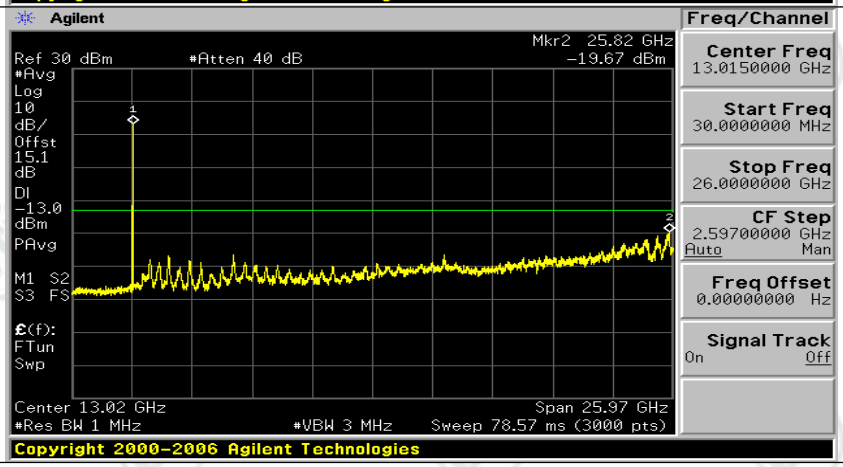




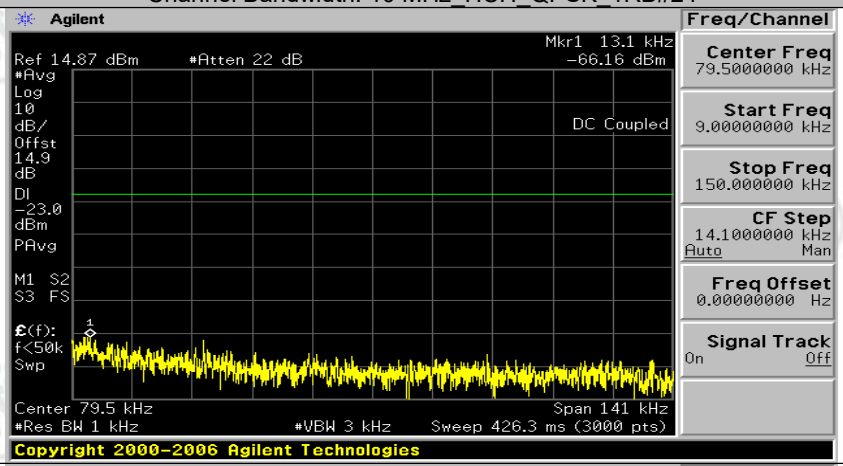
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

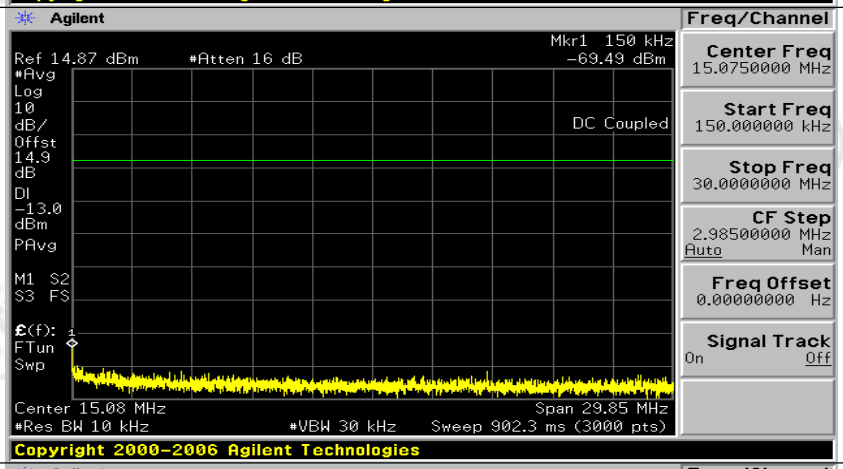


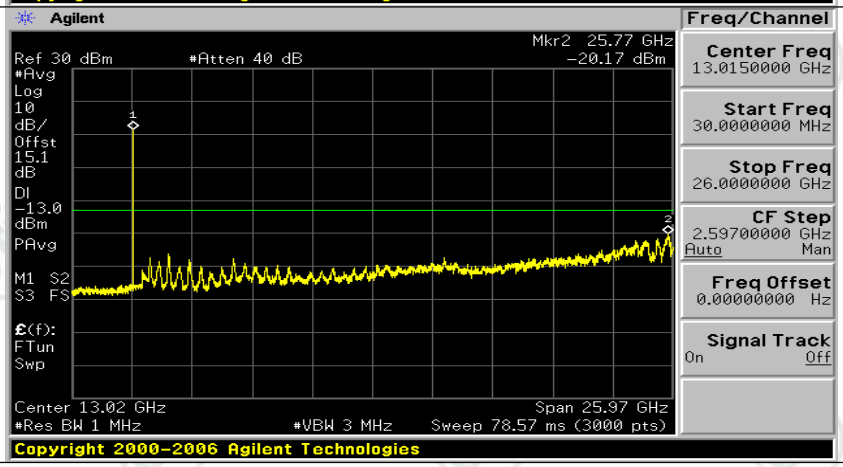




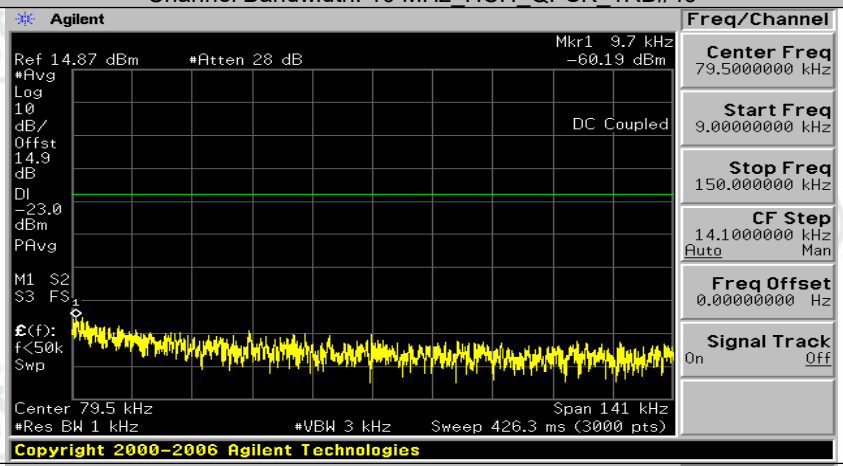
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

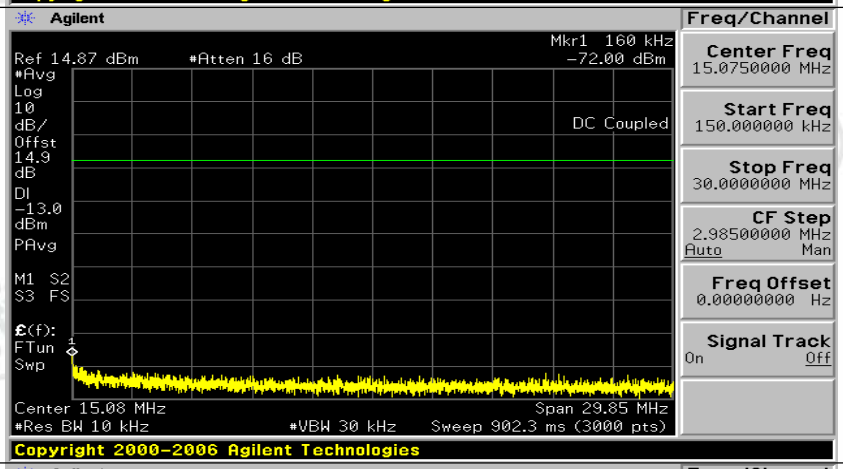


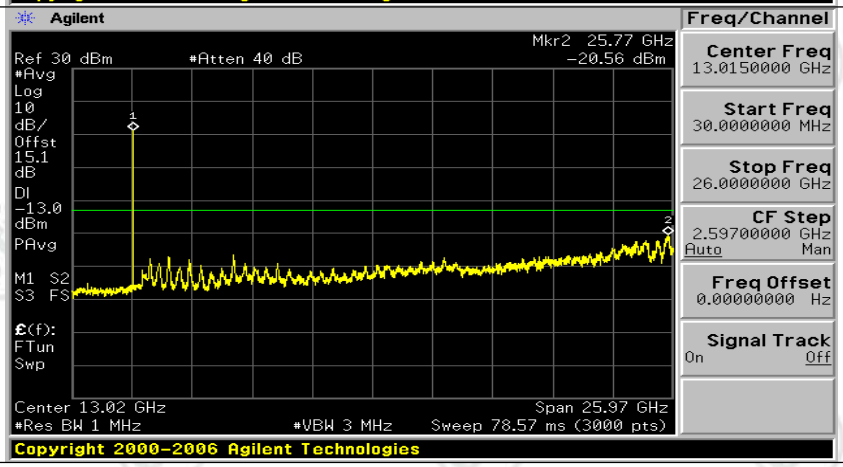




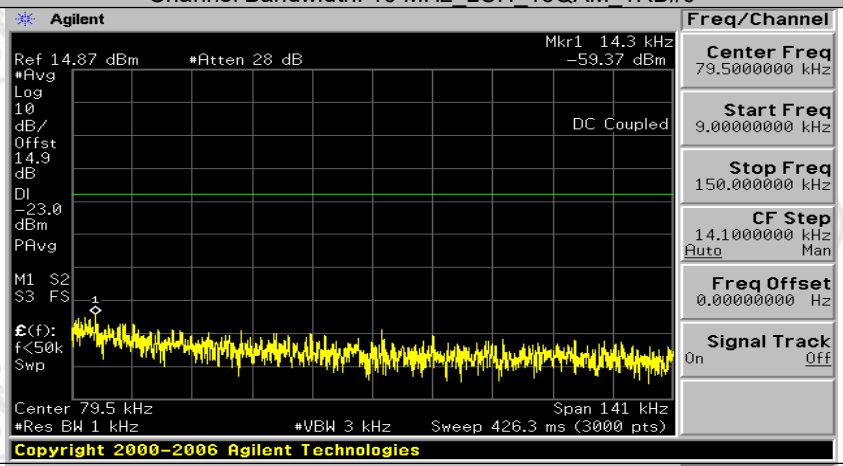
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49

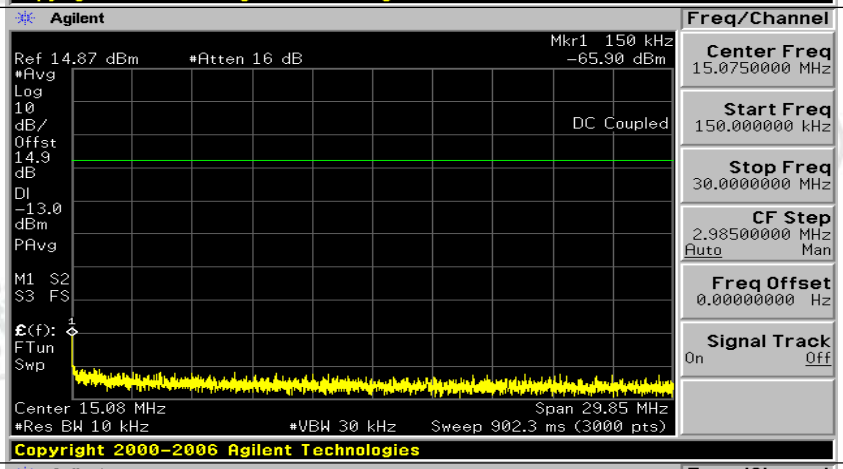


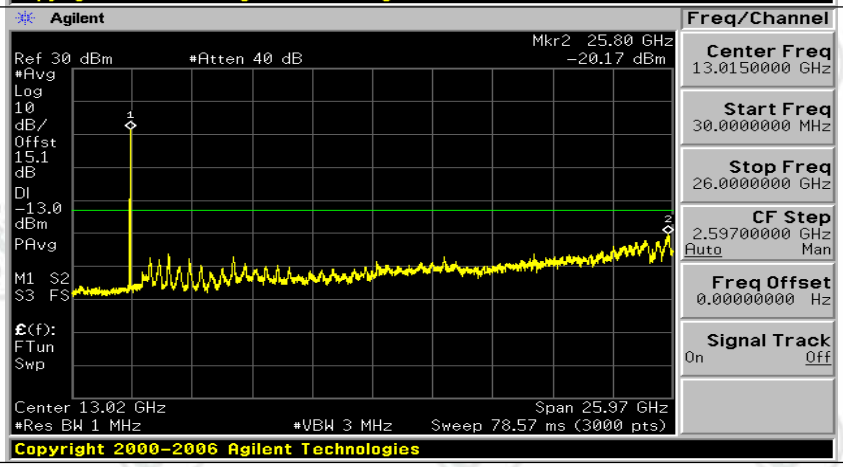




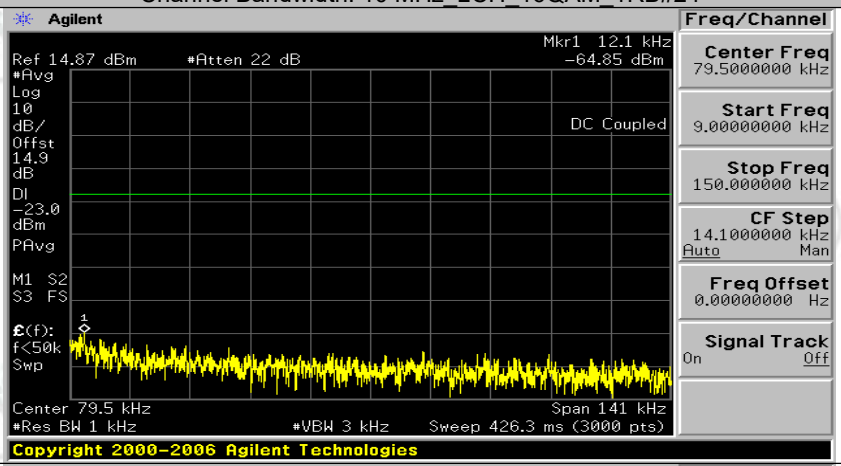
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0

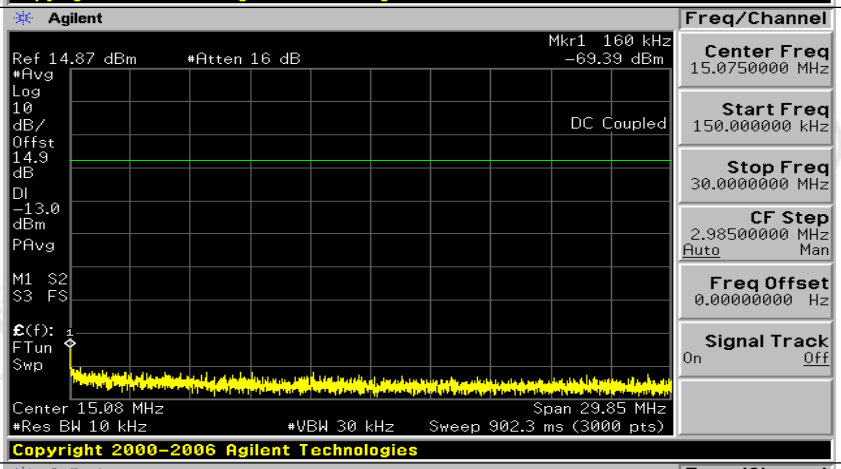


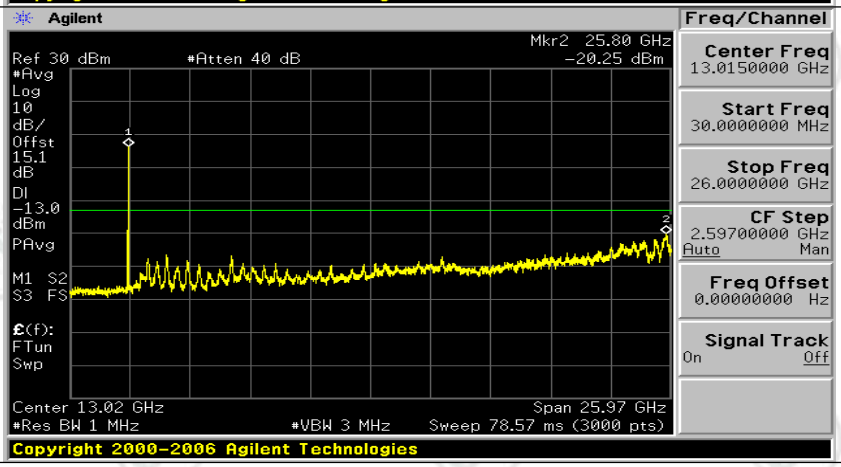




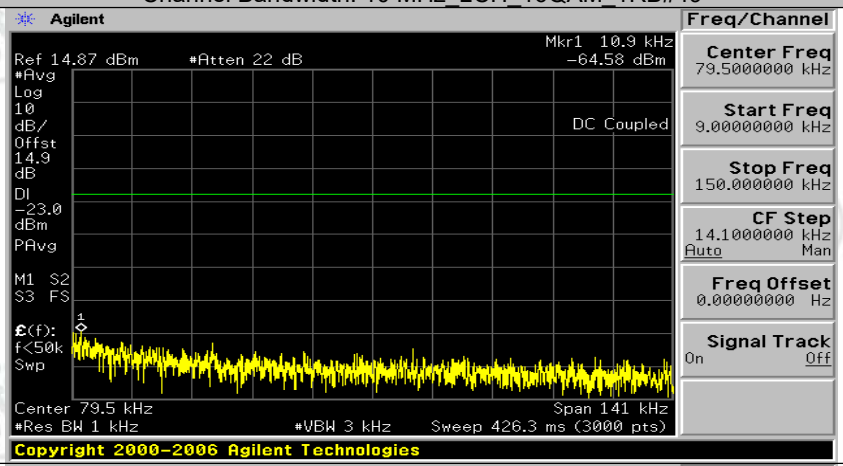
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

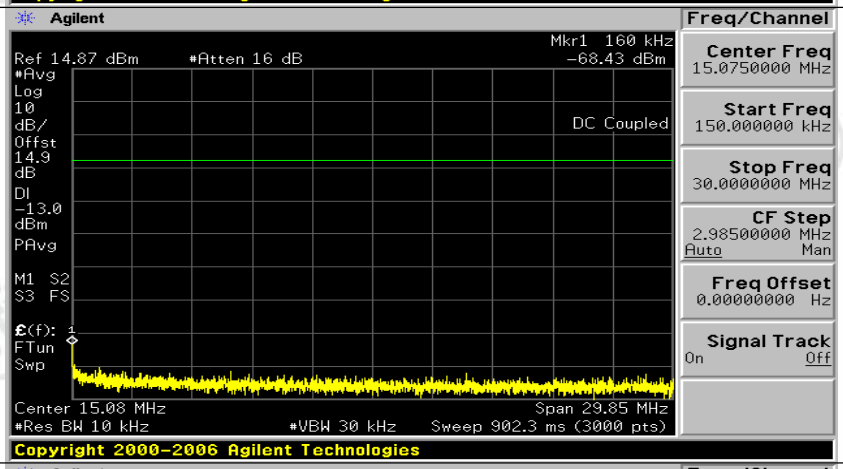


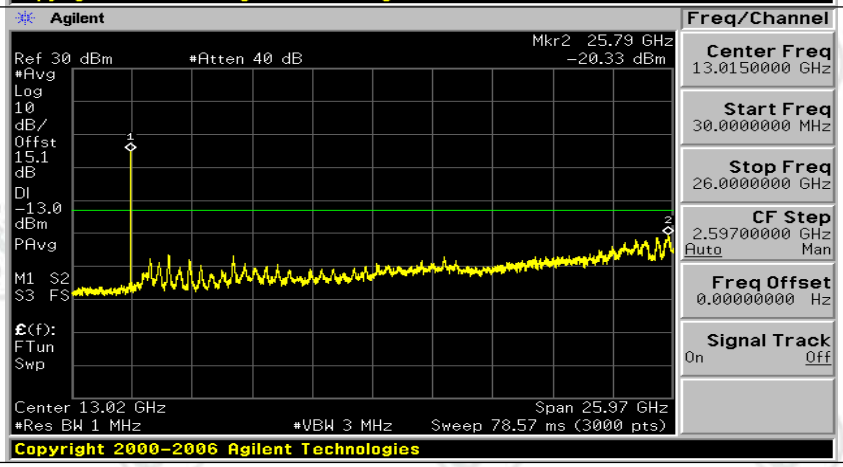




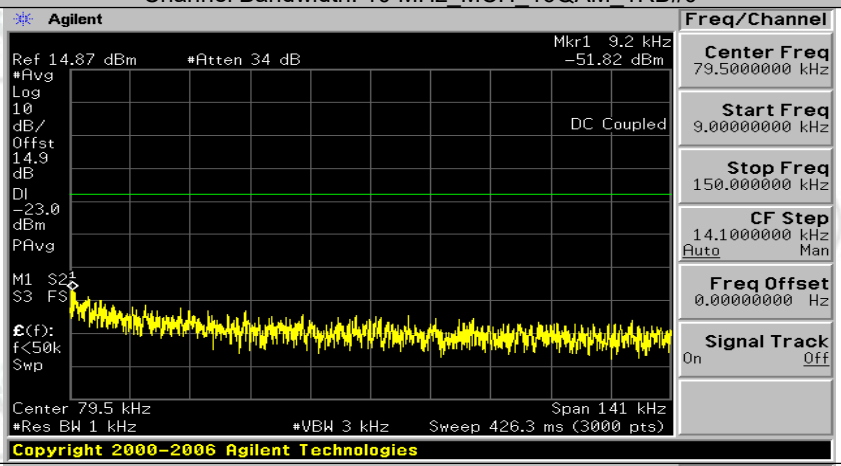
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

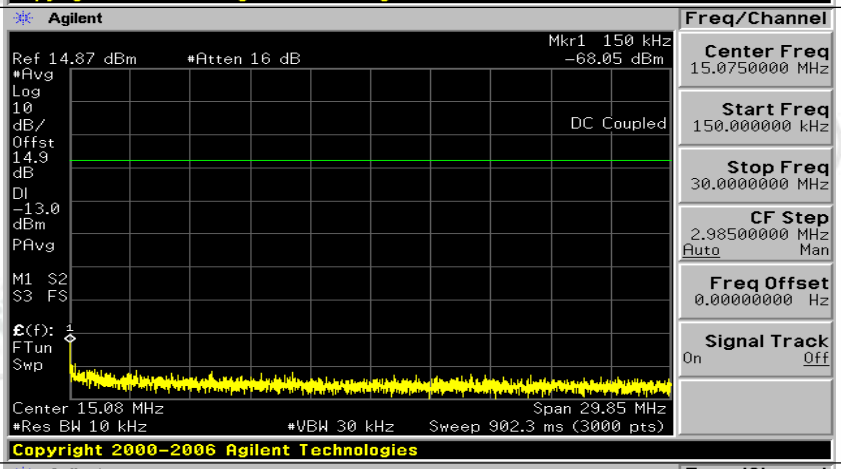


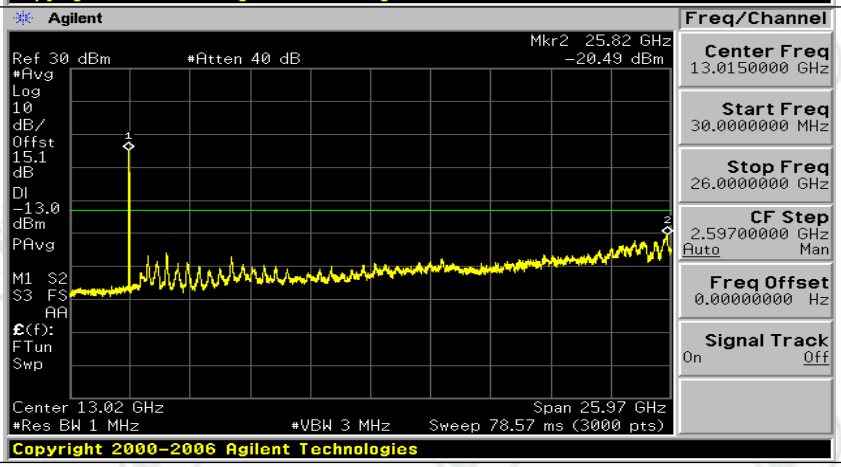




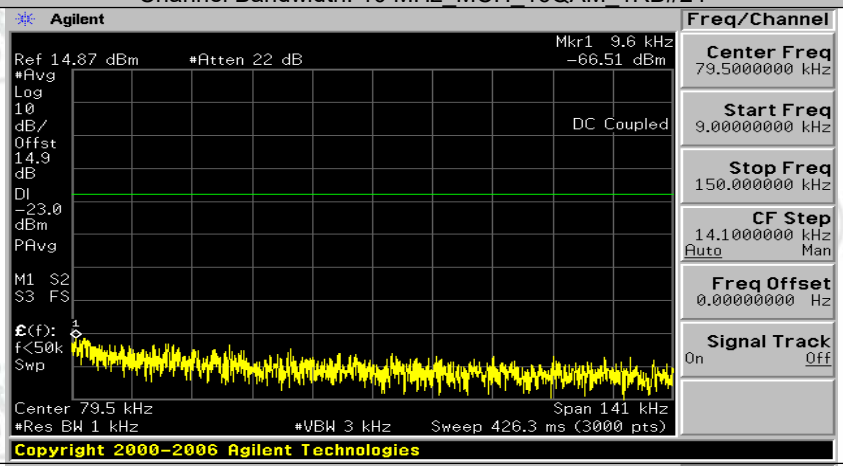
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

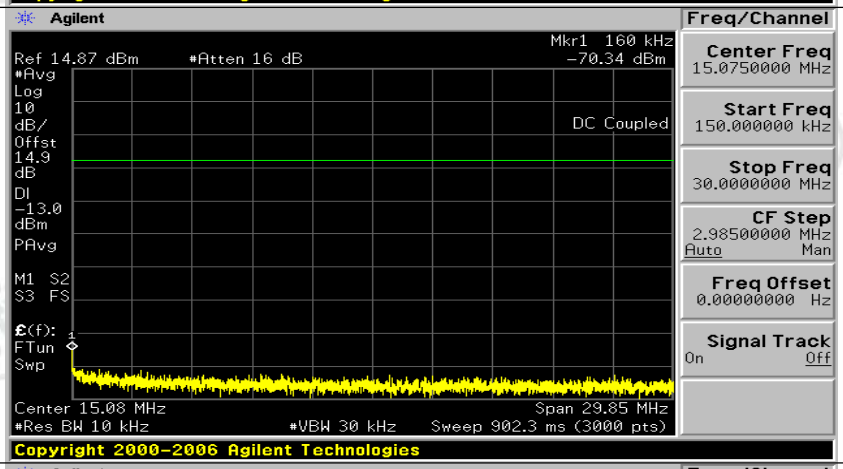


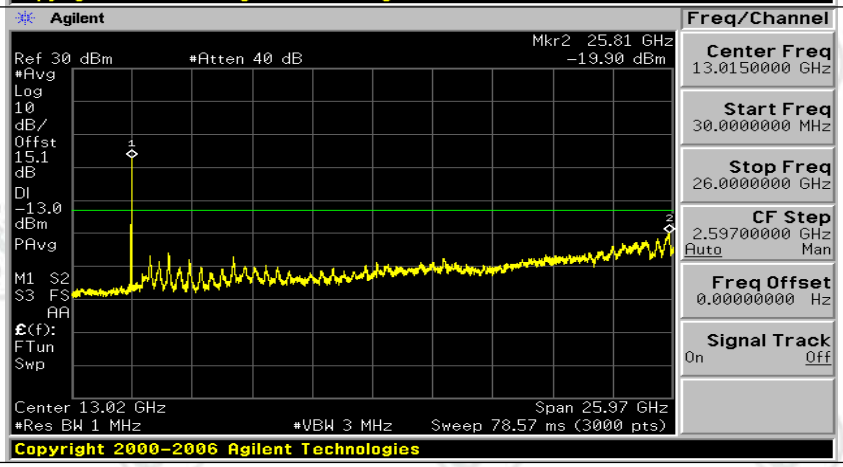




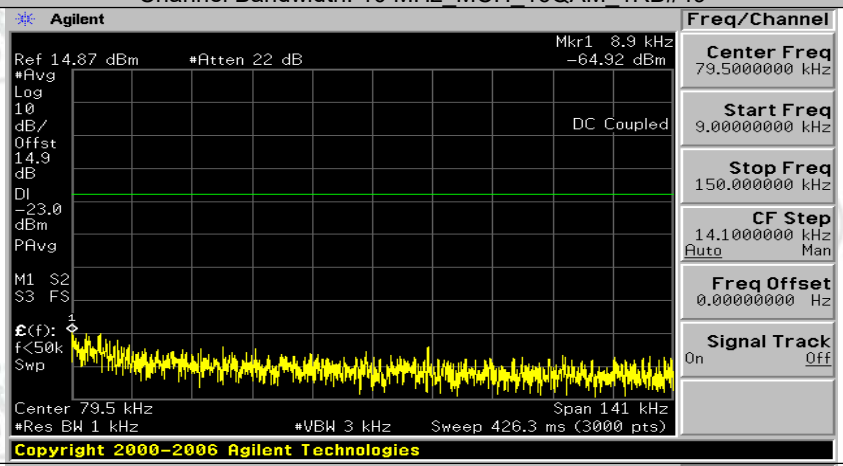
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

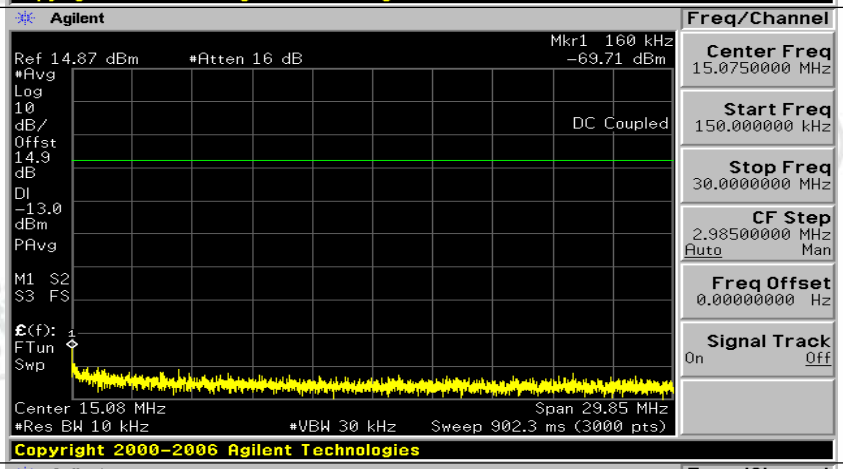


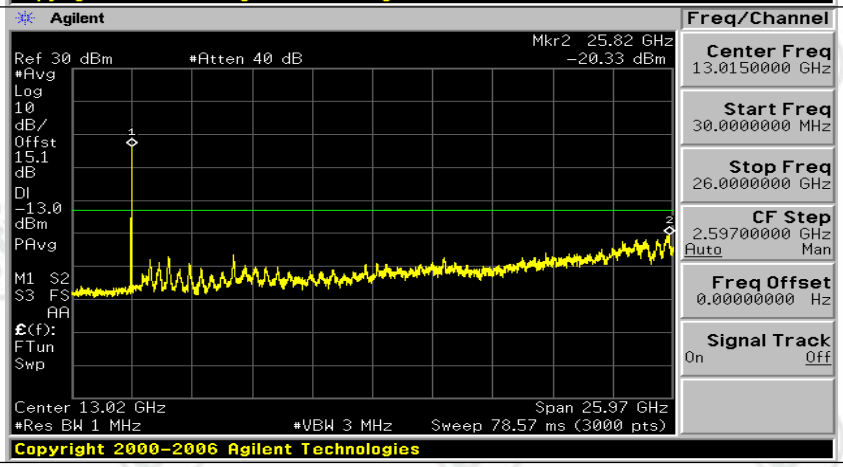




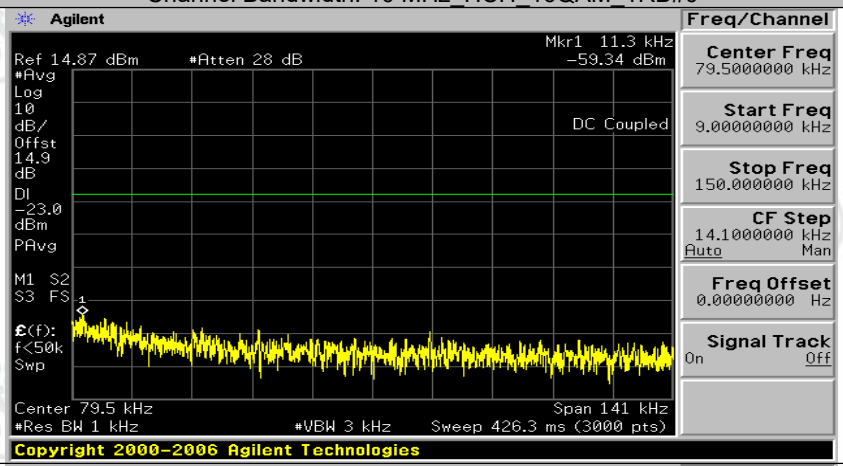
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

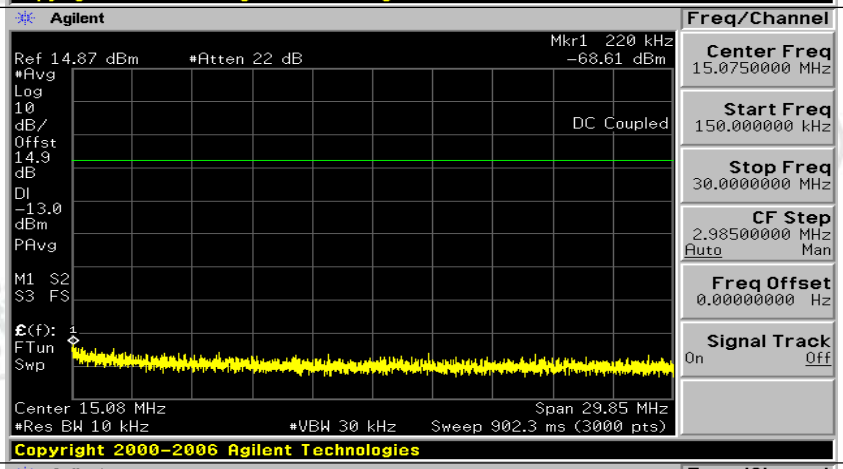


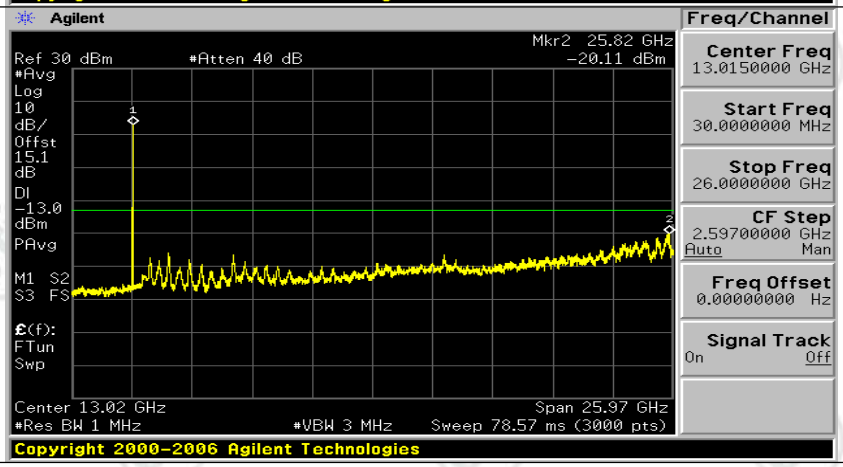




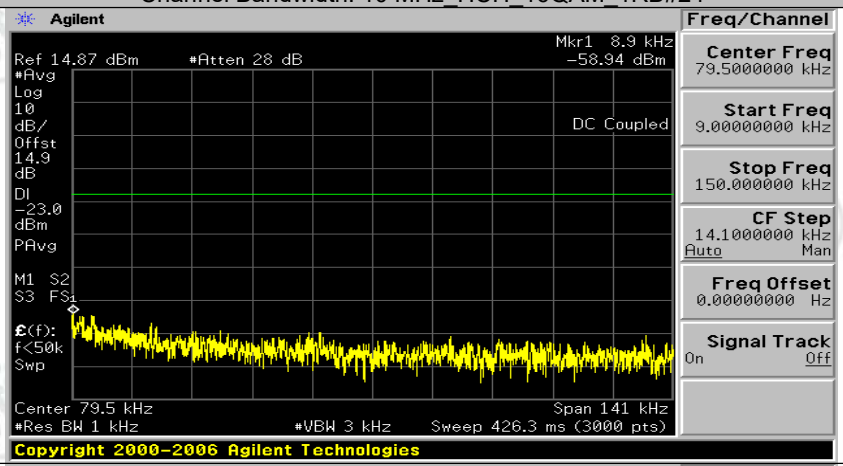
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

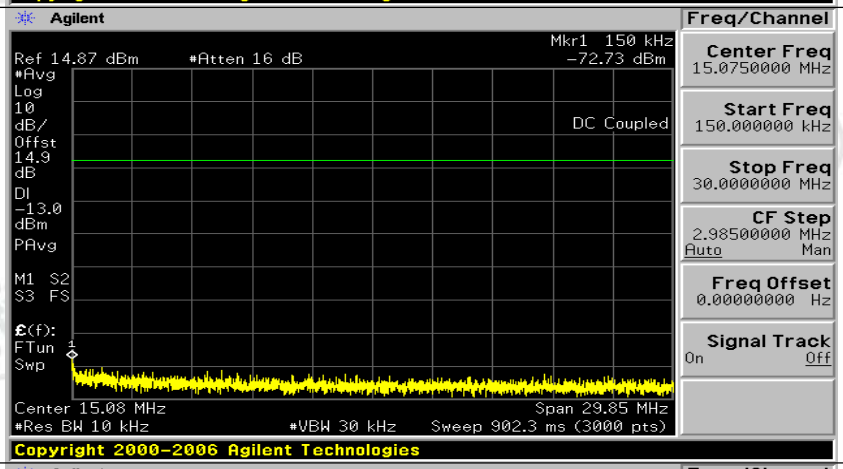


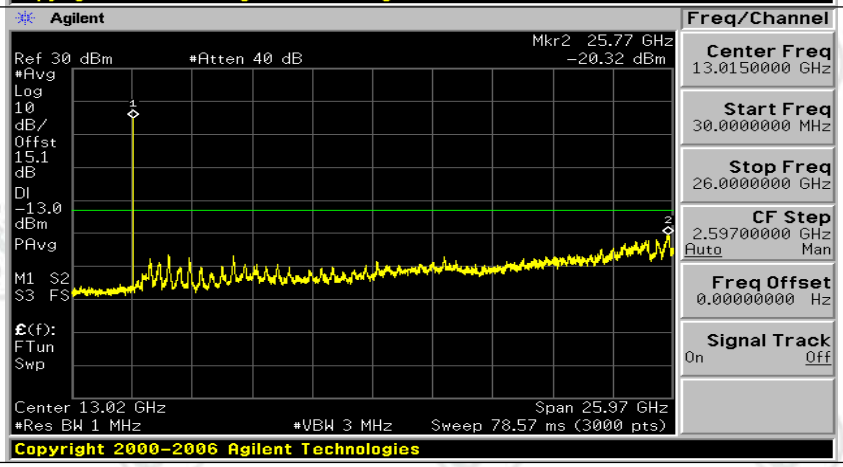




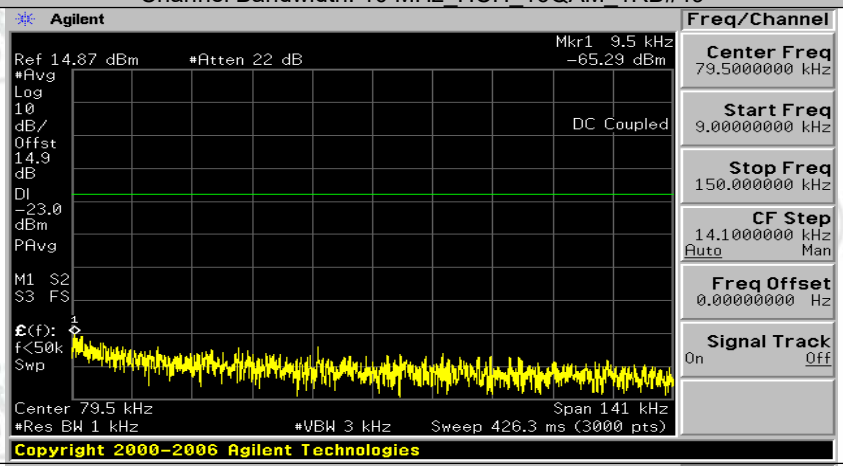
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24

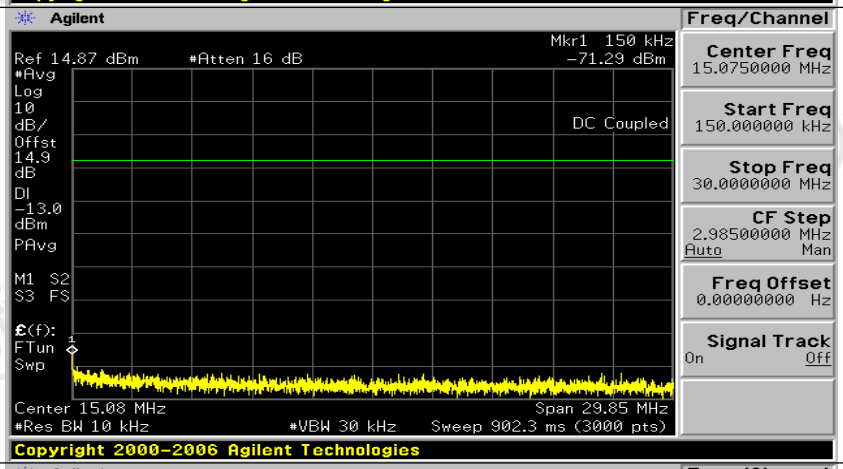


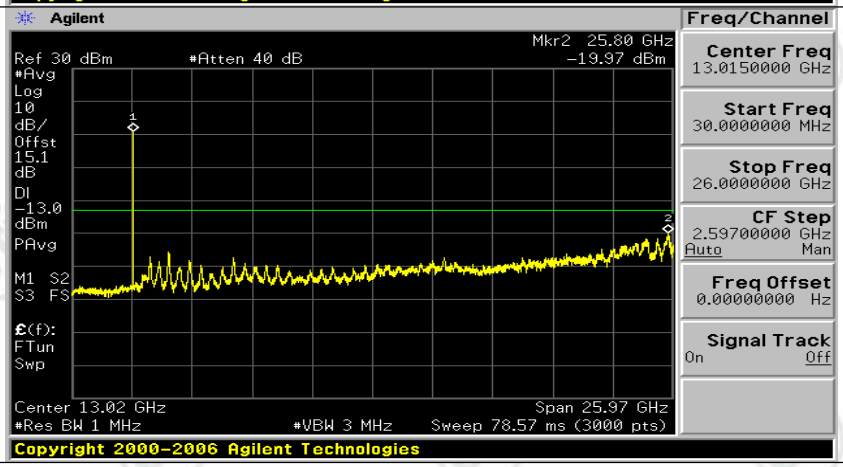




Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49

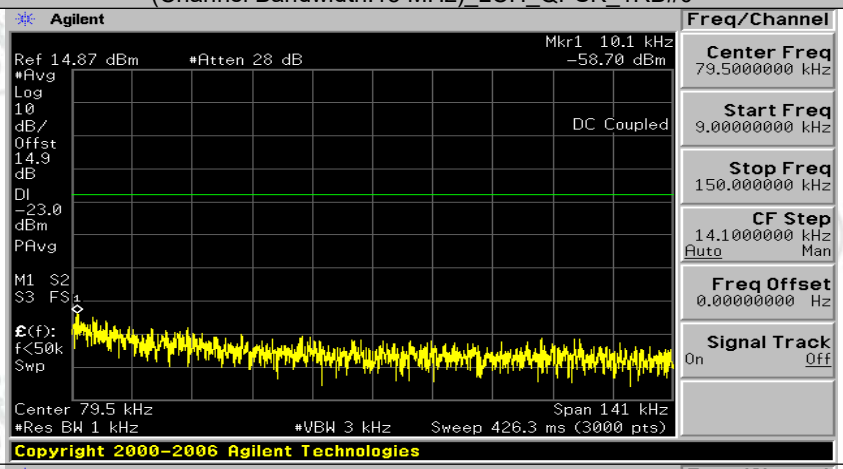


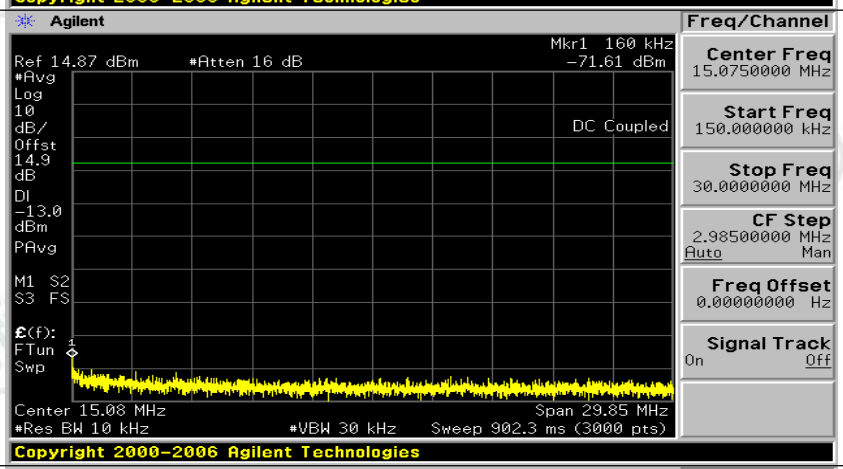


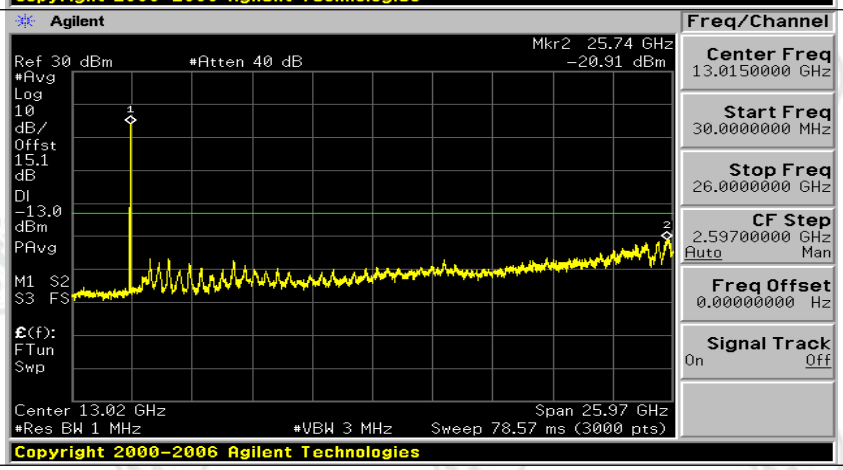


Channel Bandwidth: 15 MHz

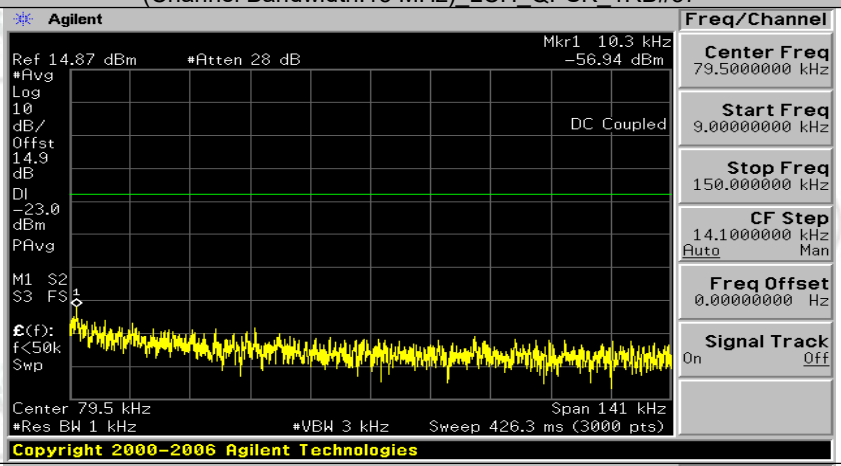
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0

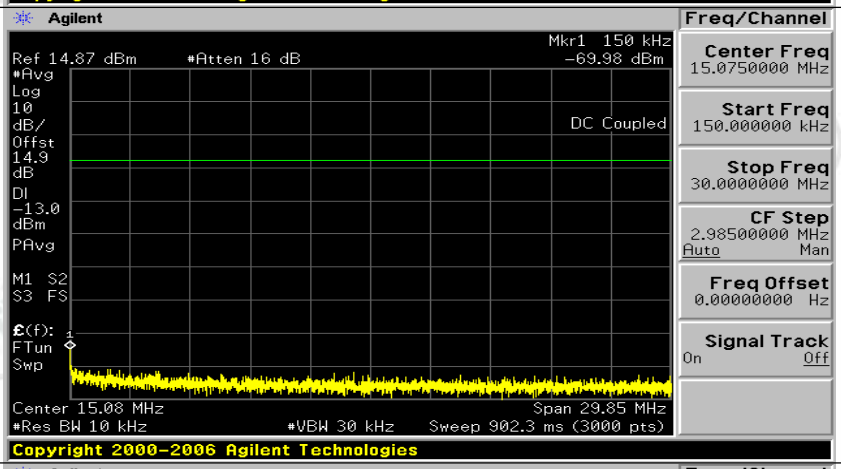


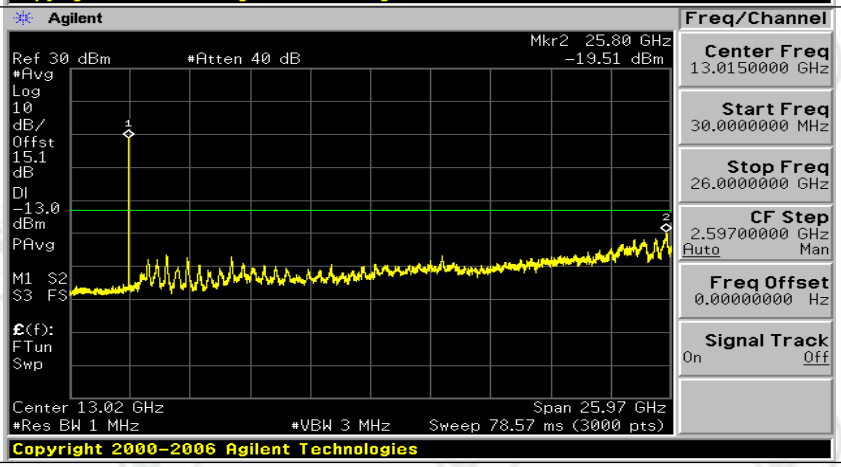




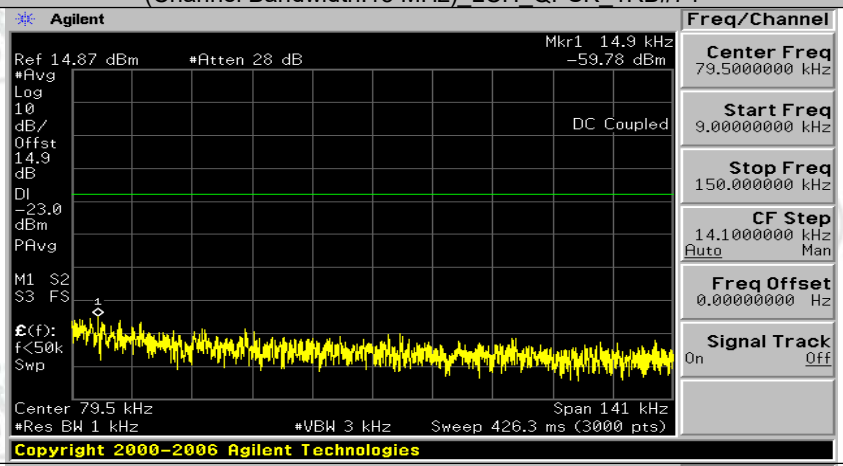
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#37

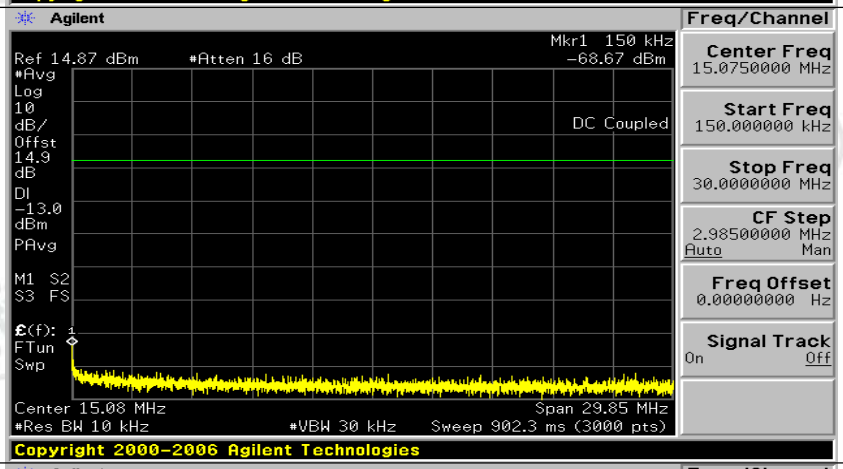


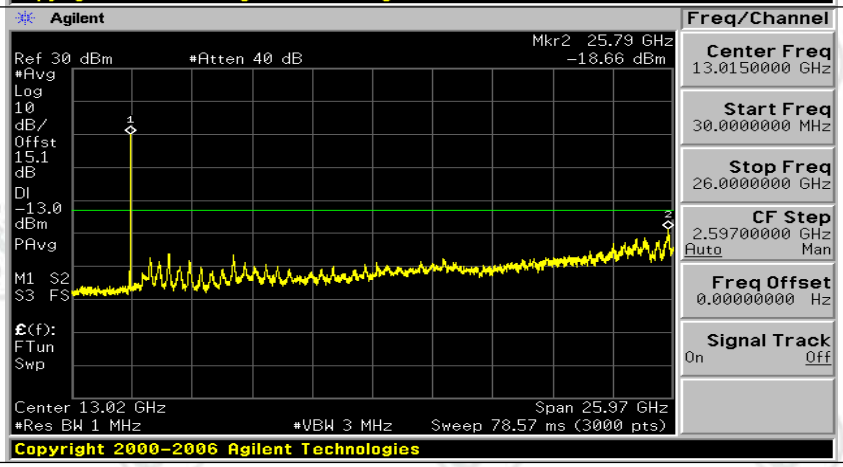




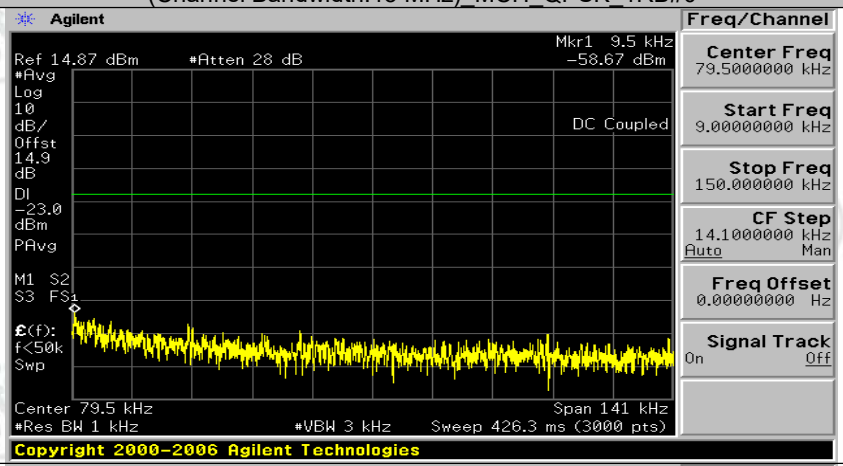
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#74

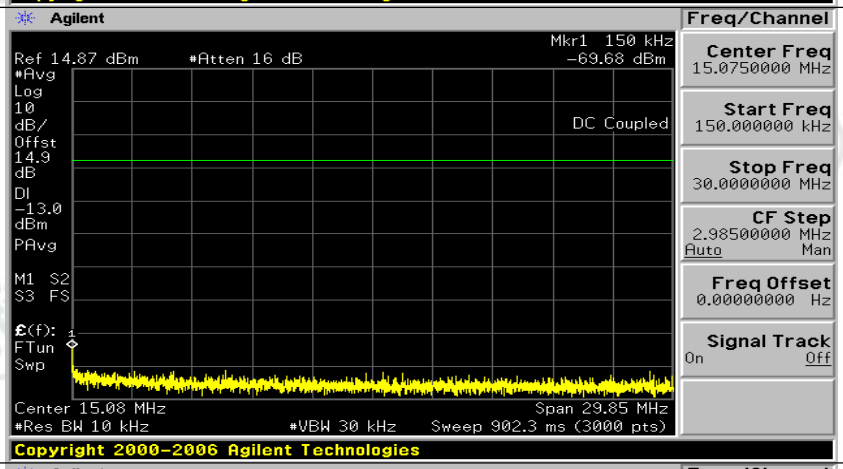


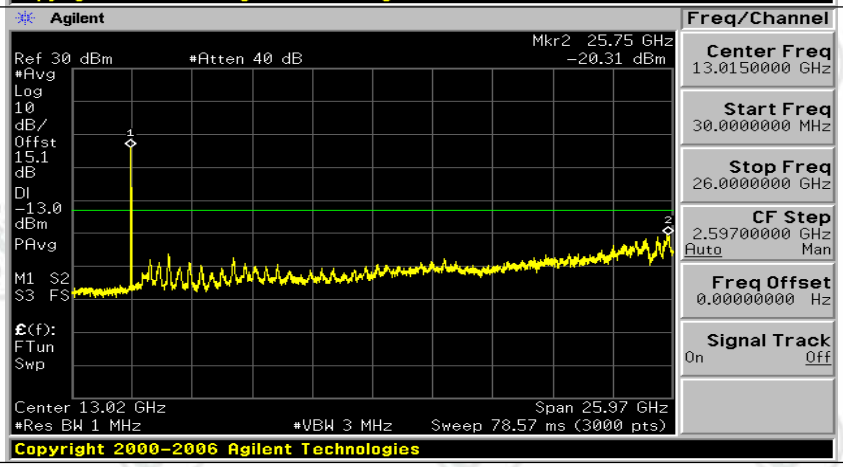




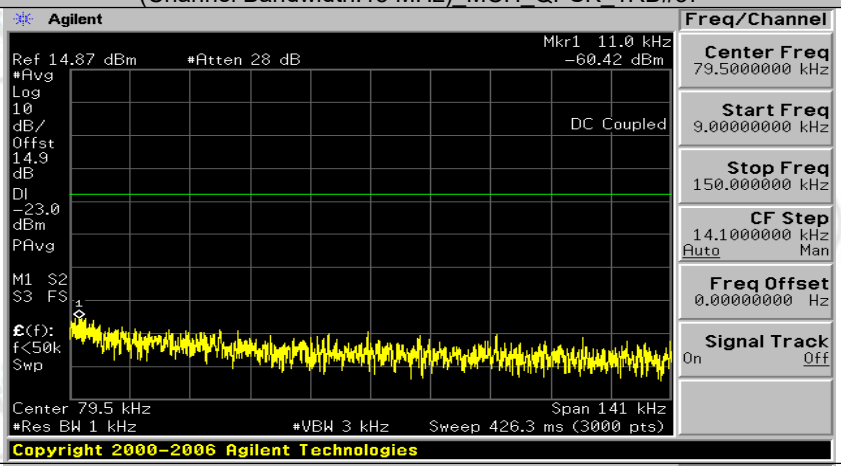
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0

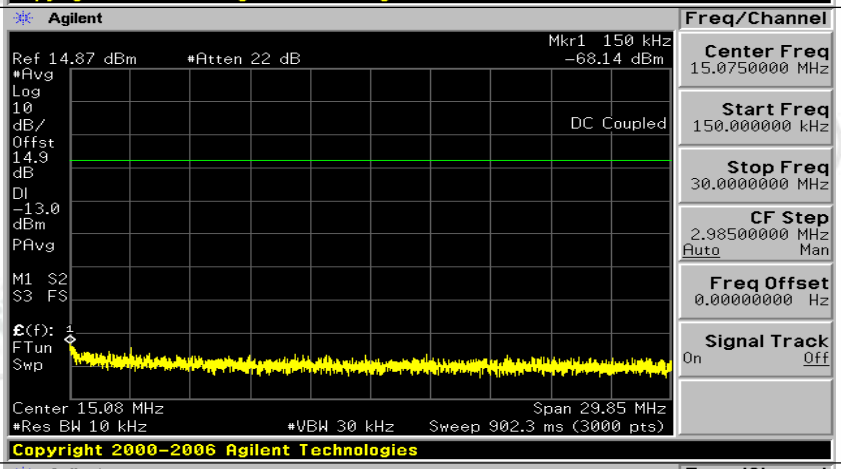


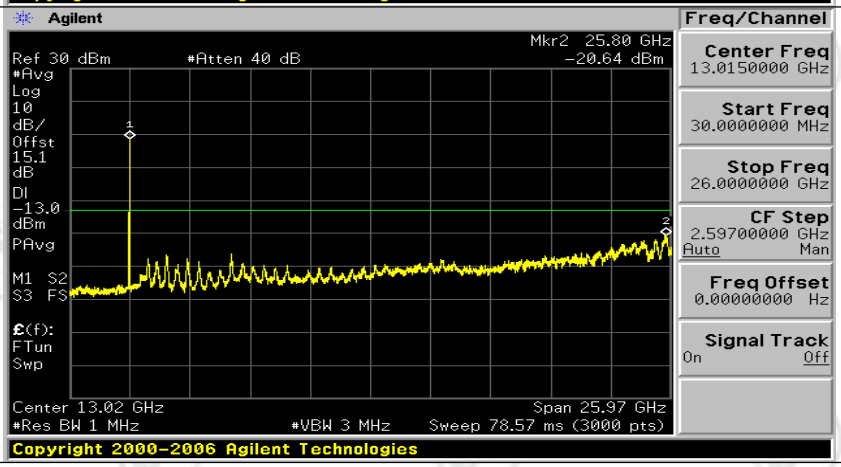




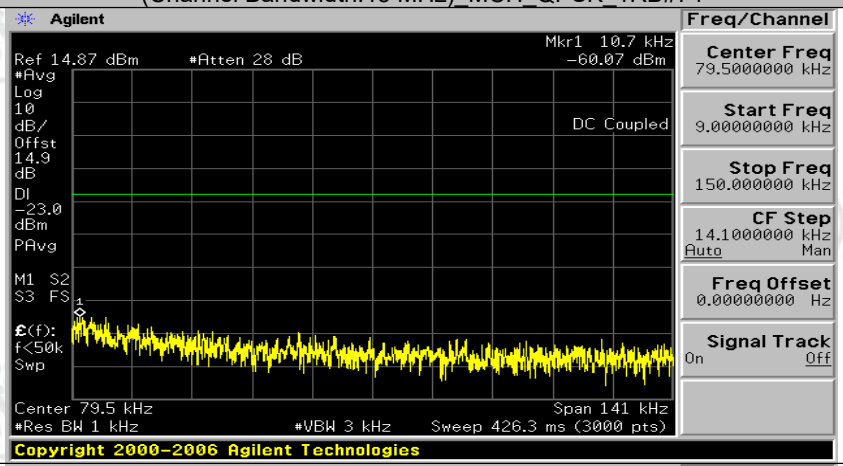
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37

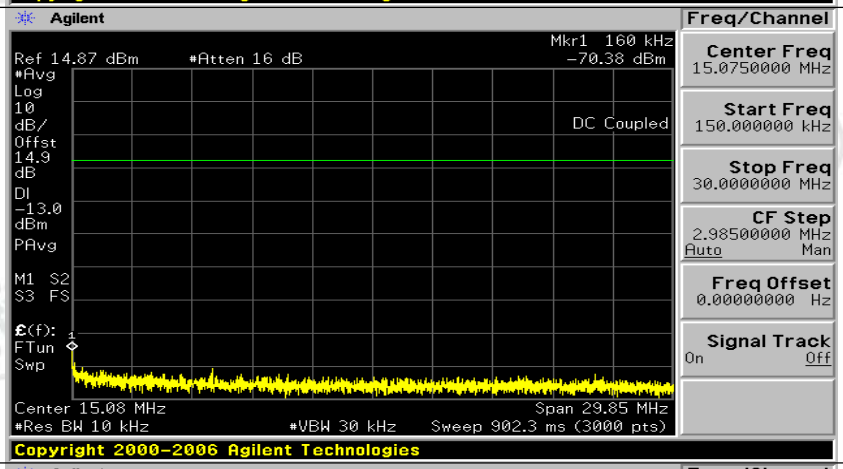


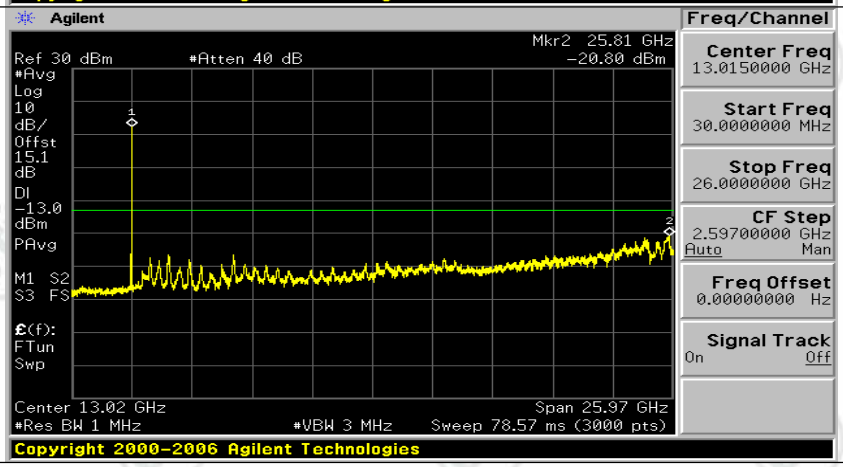




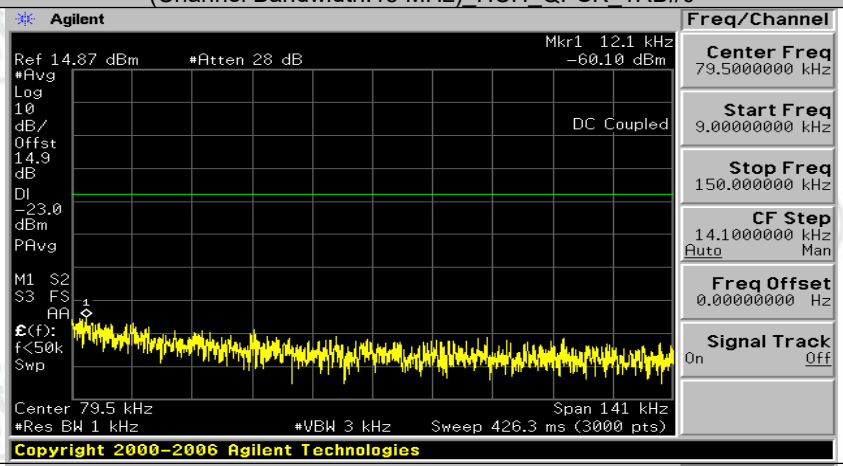
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74

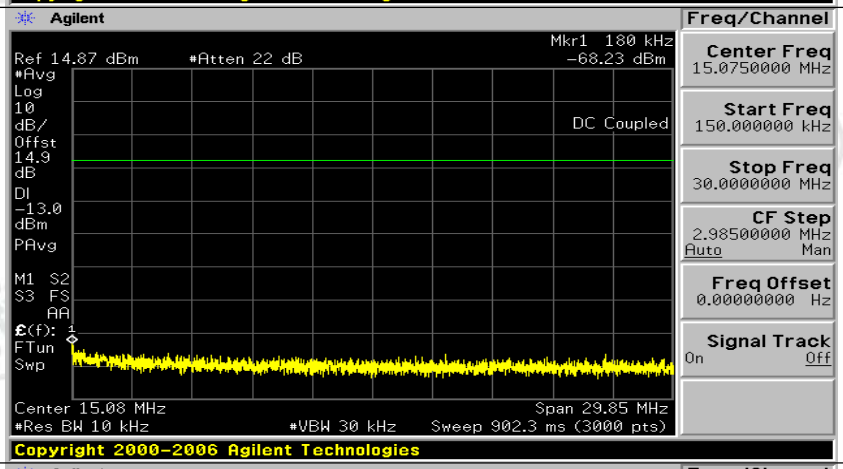


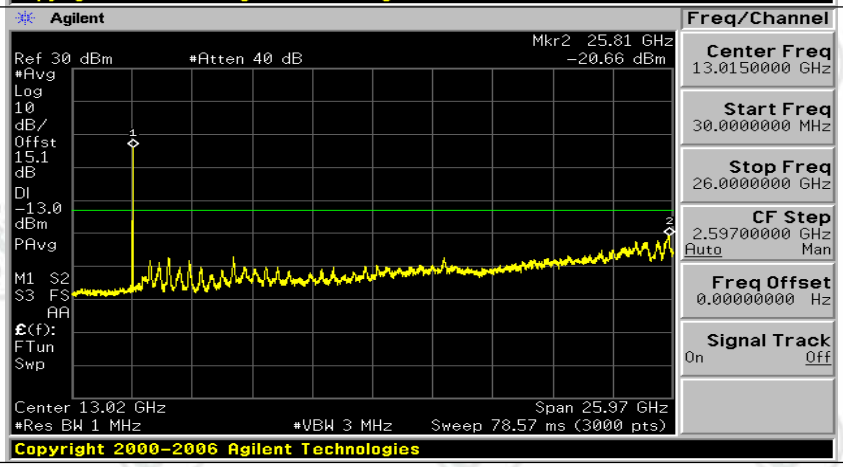




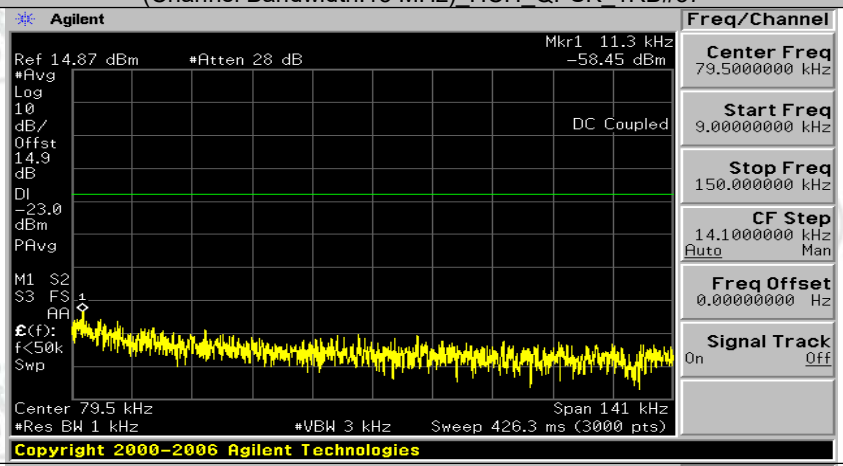
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0

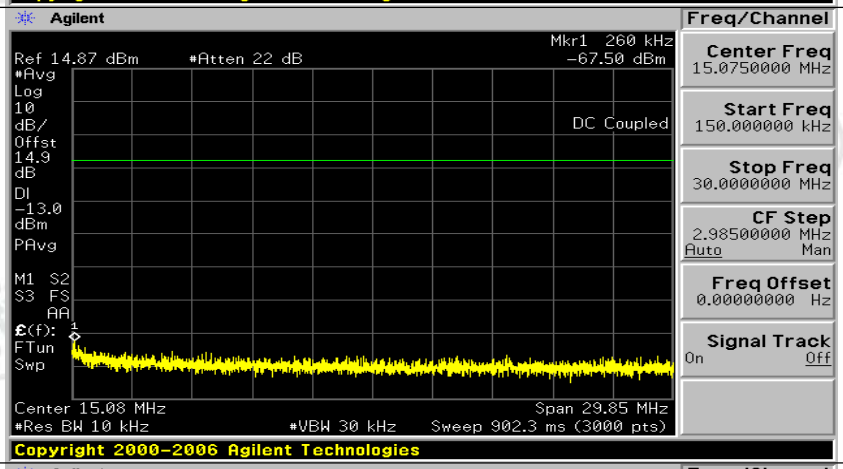


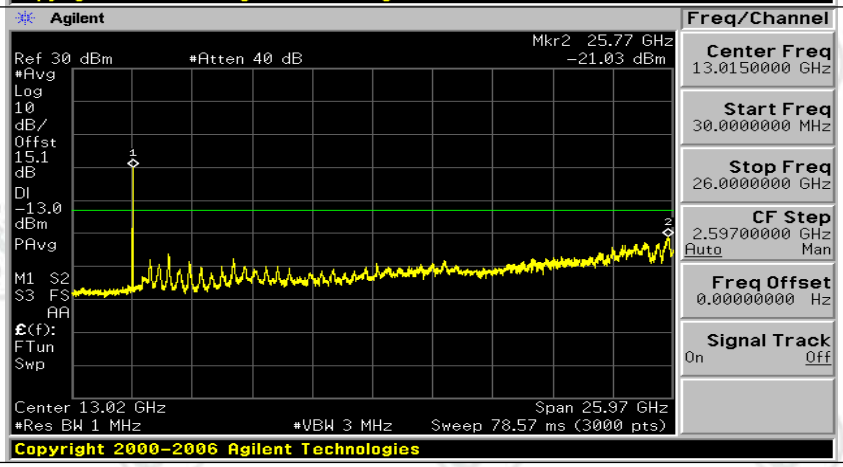




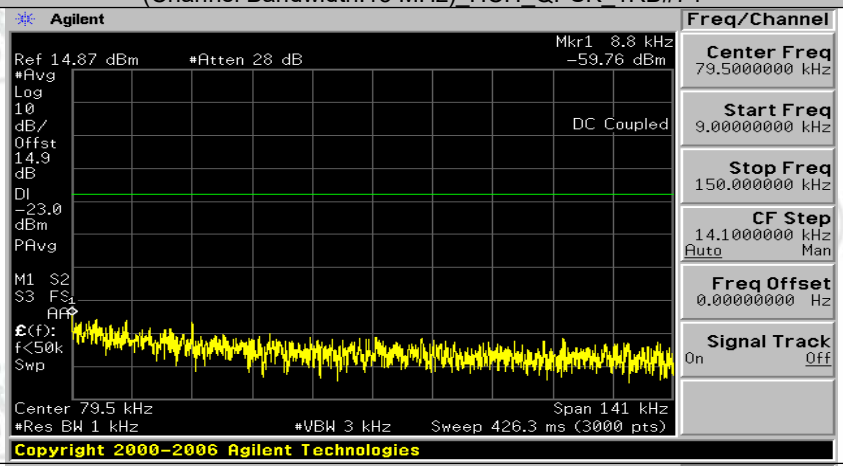
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37

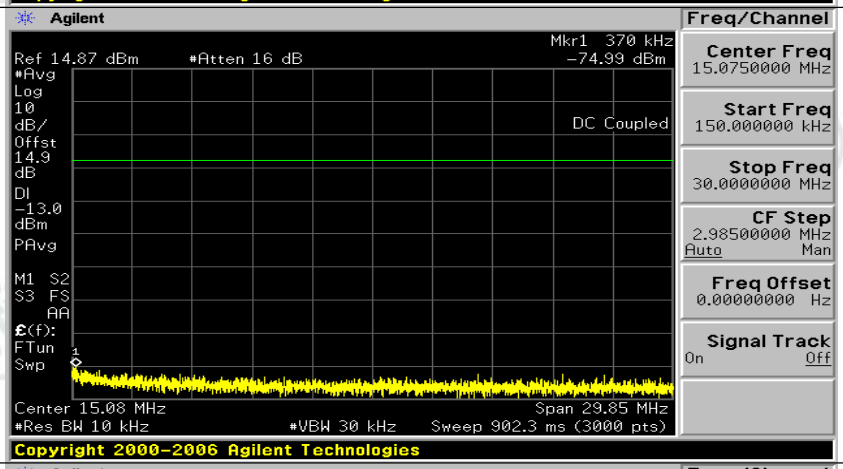


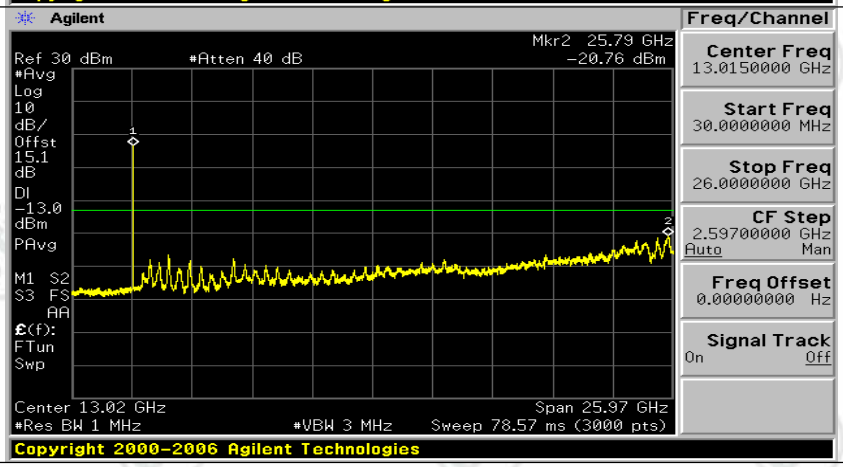




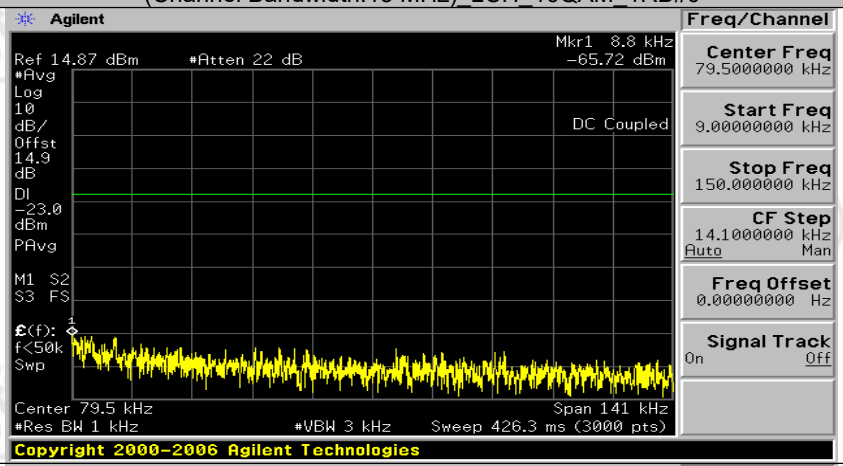
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74

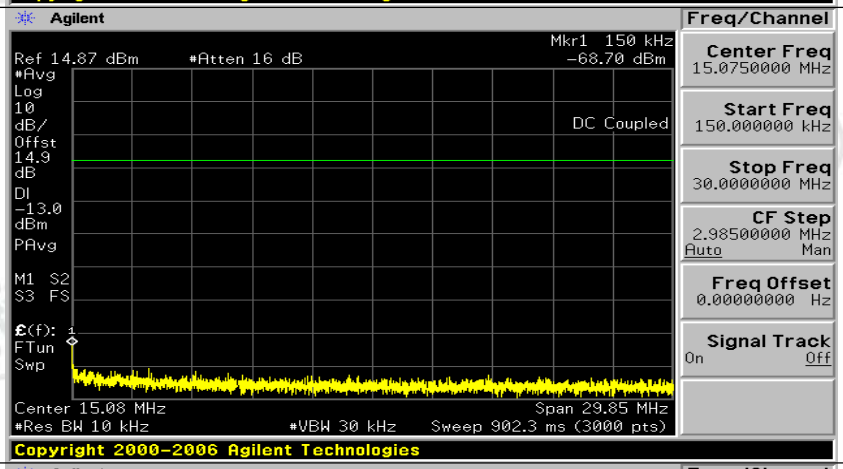


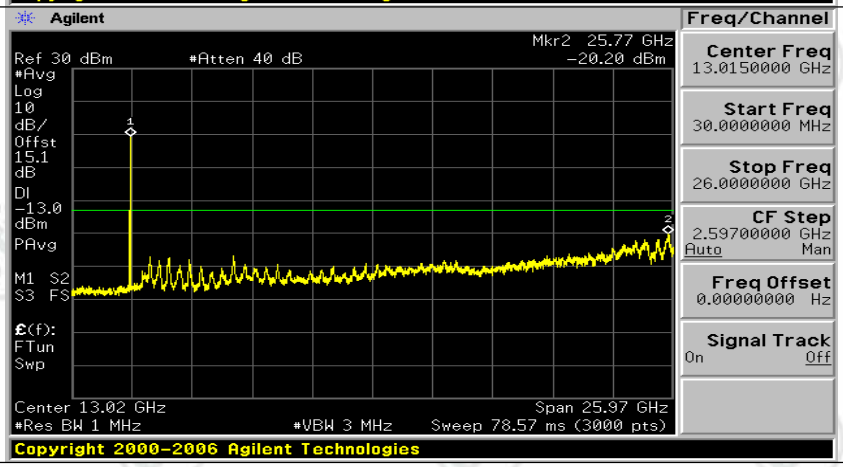




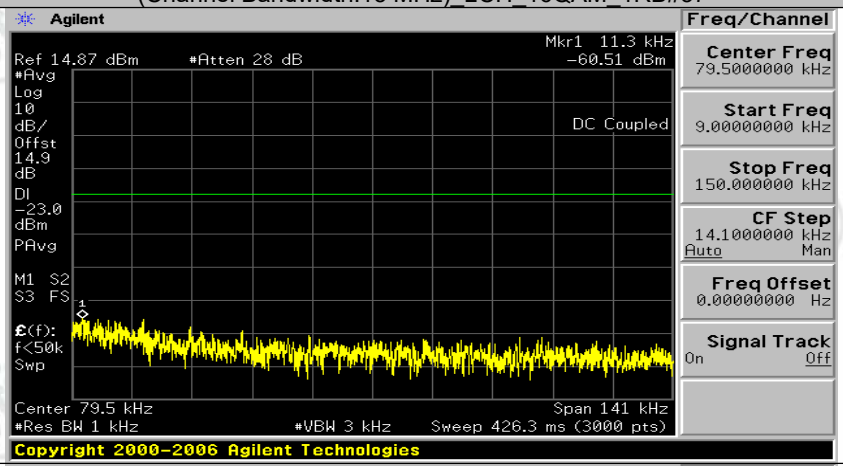
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0

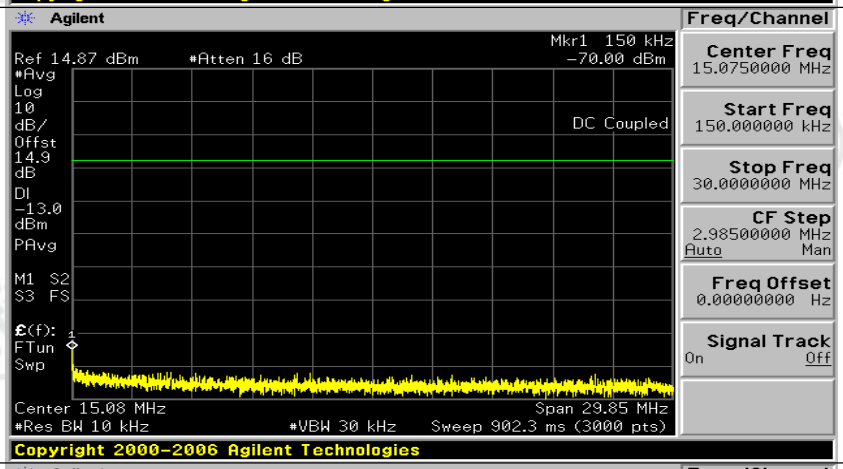


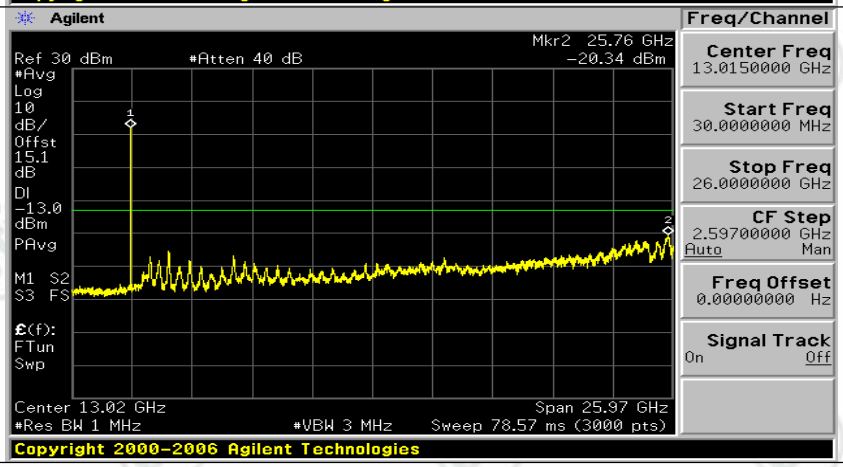




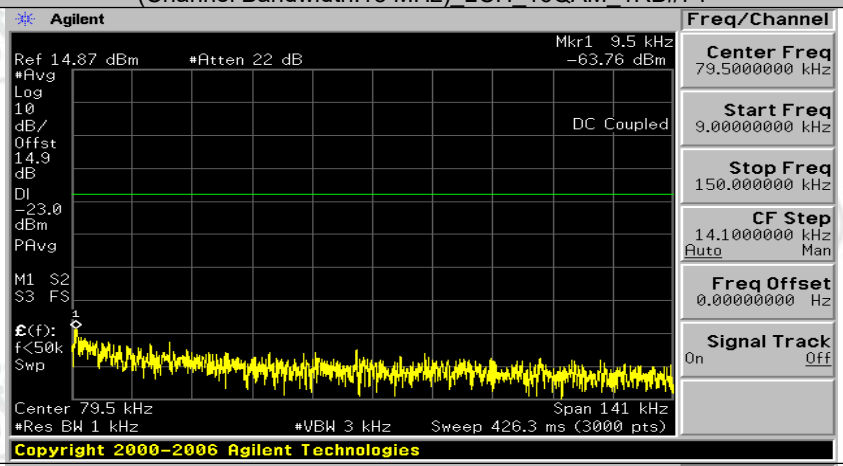
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37

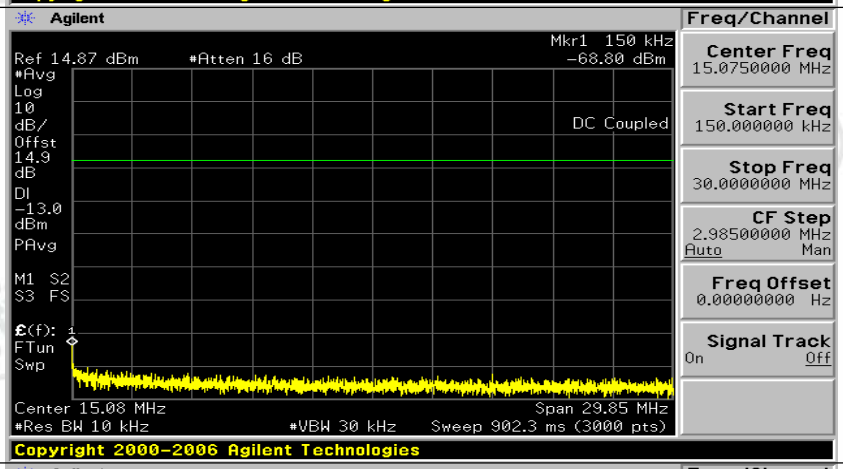


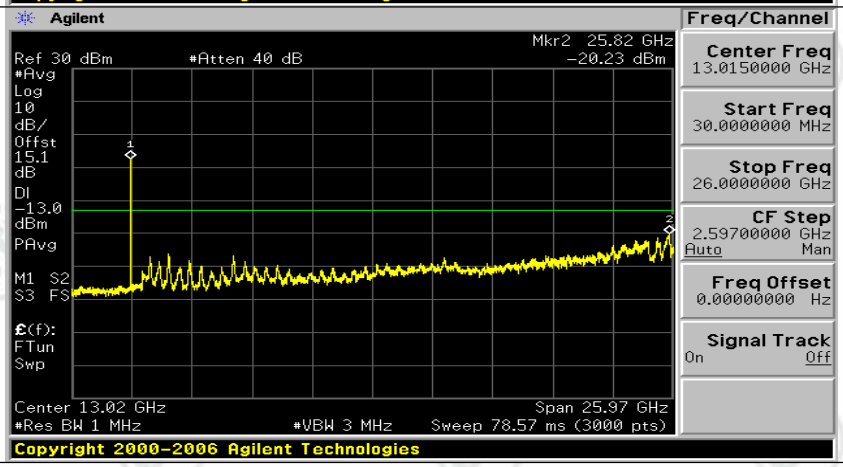




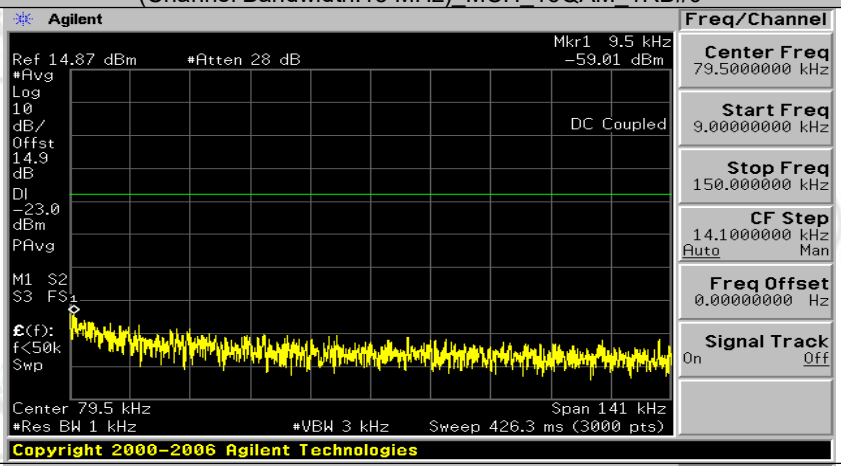
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74

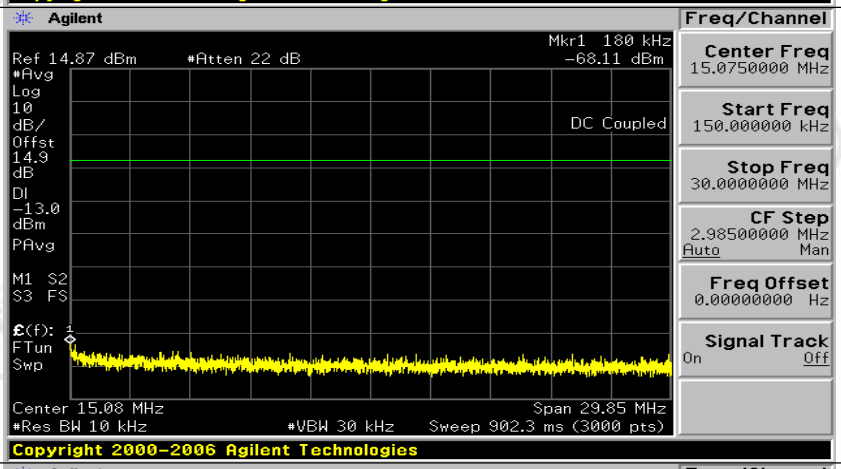


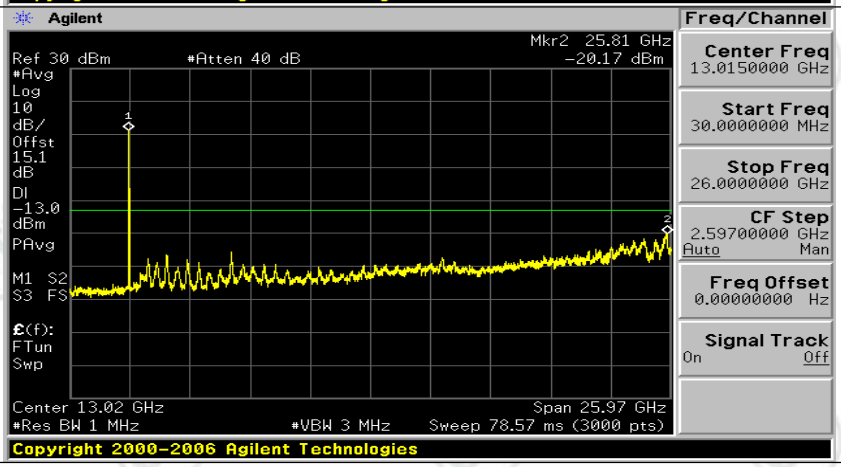




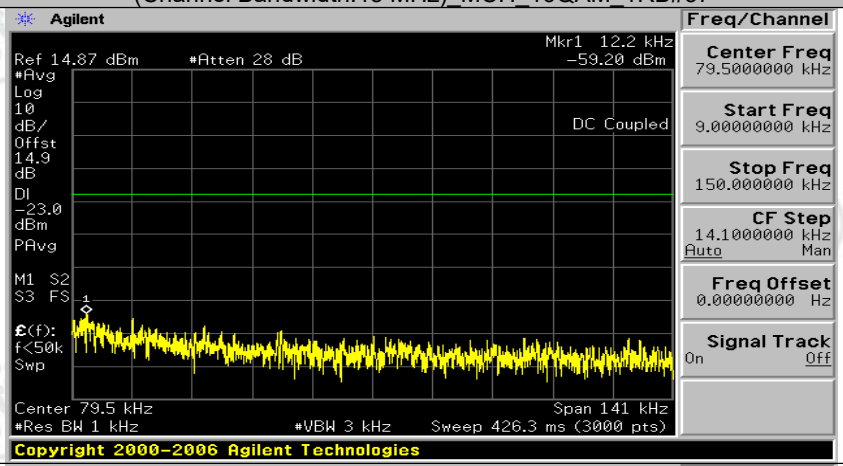
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

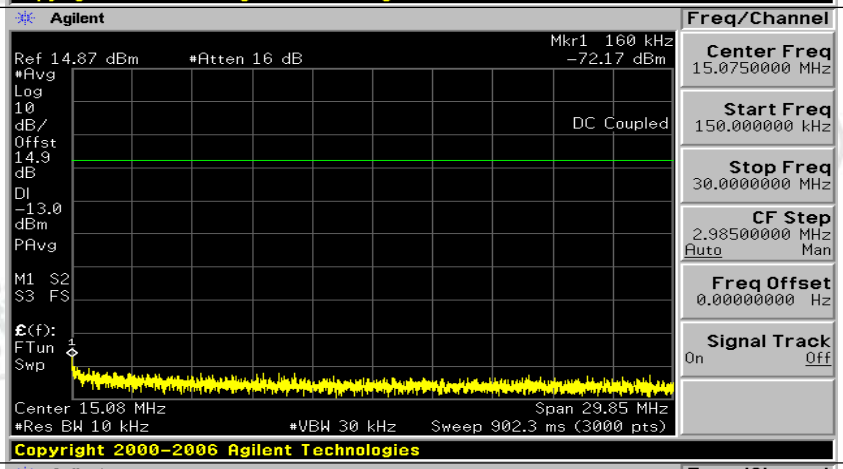


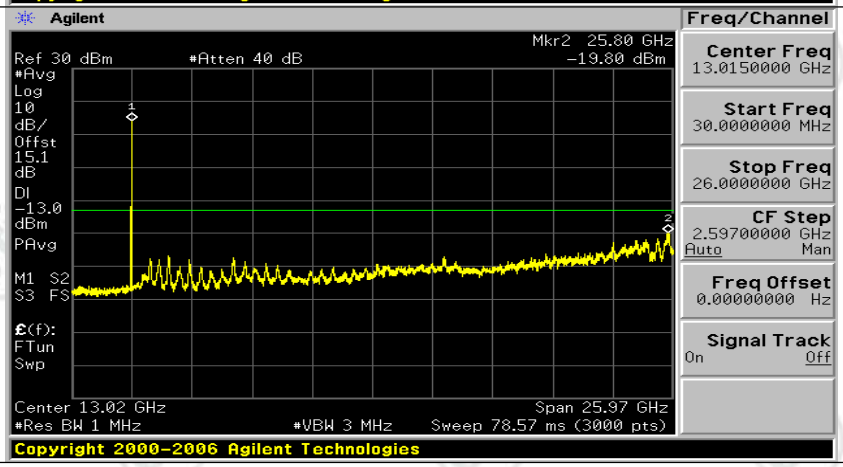




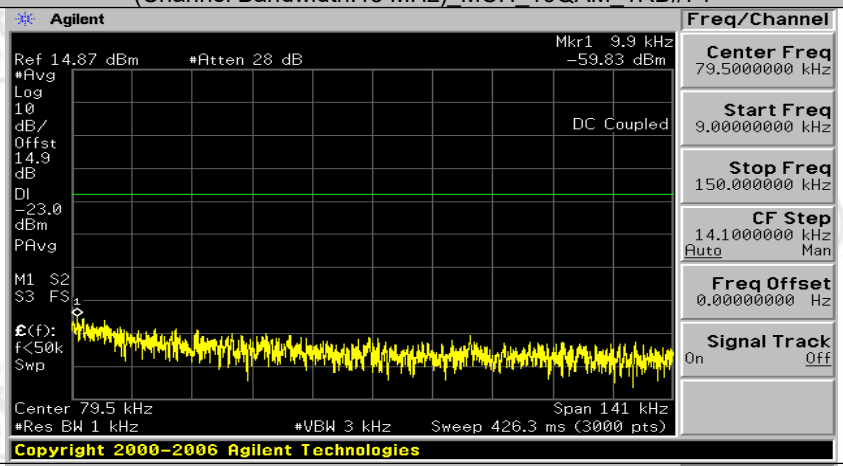
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

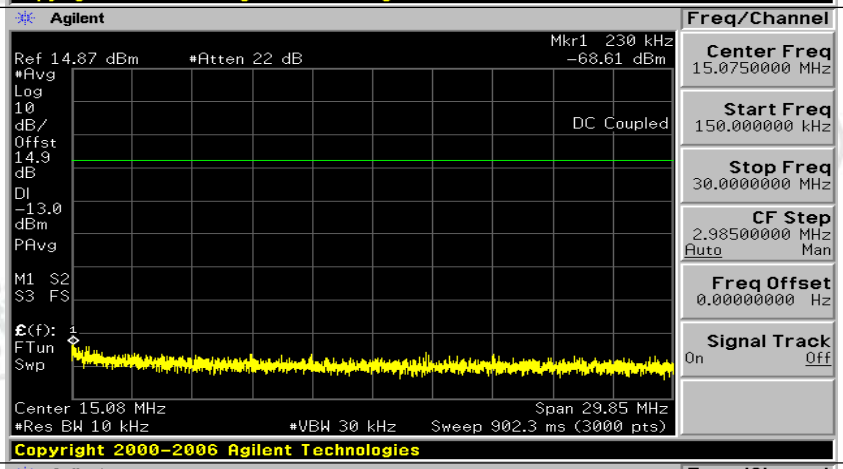


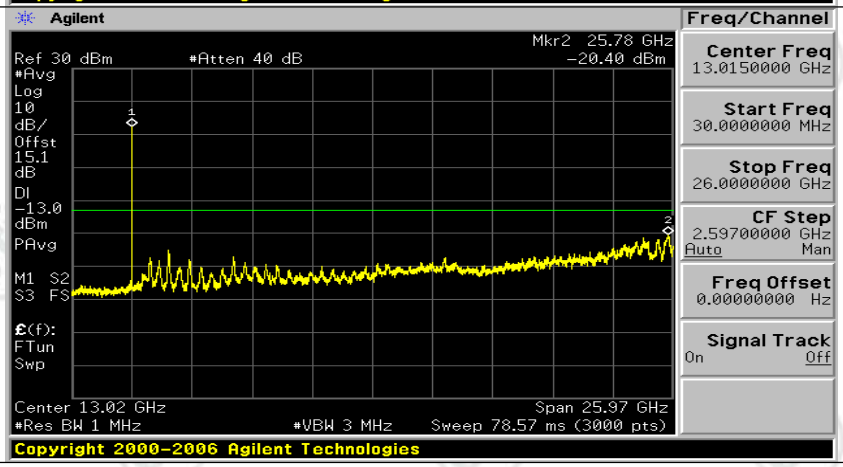




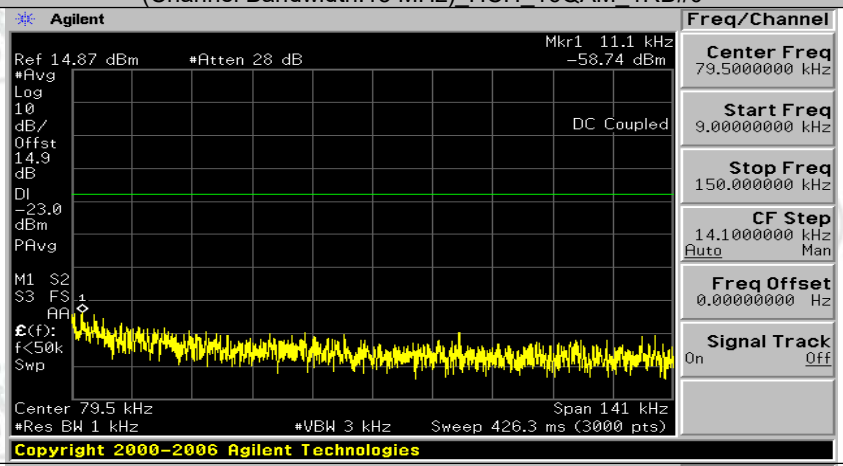
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74

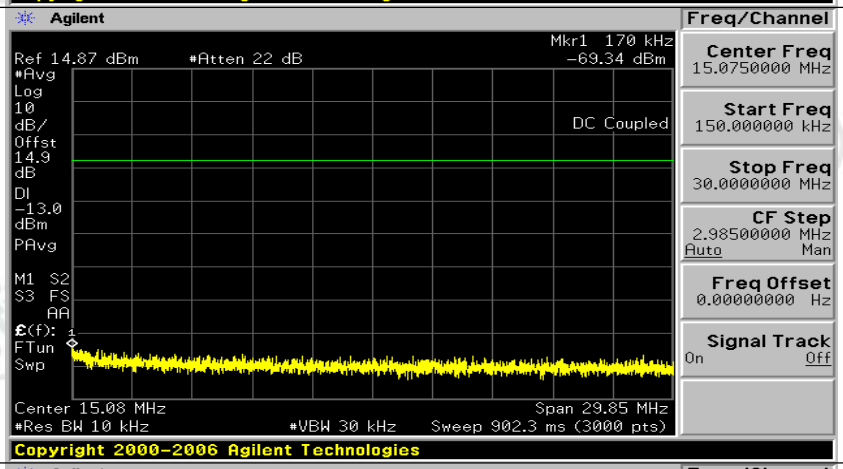


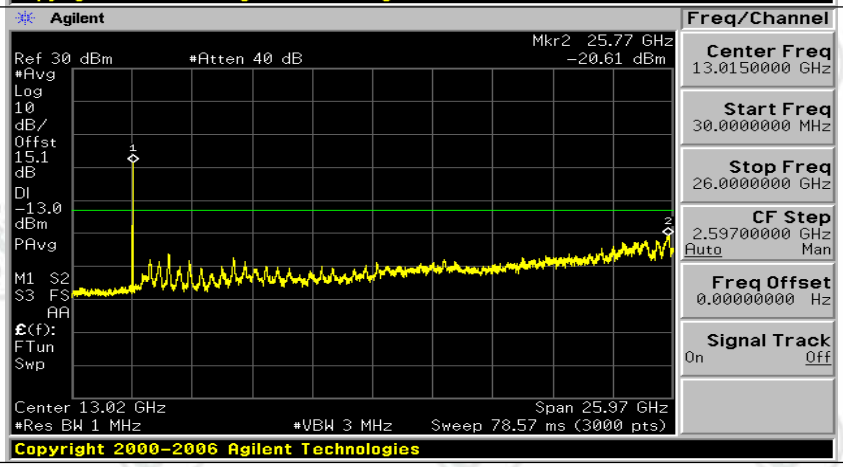




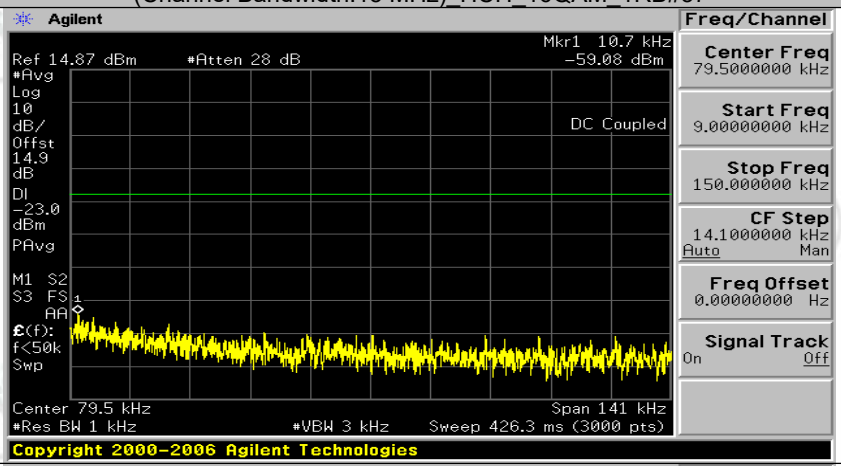
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

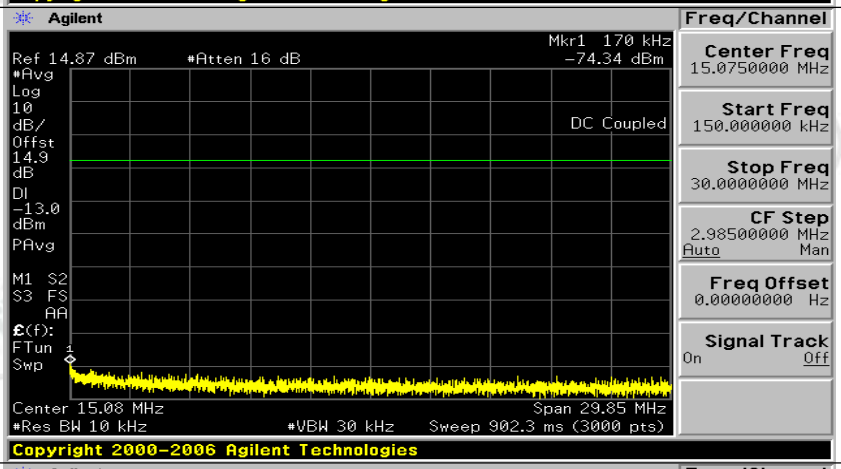


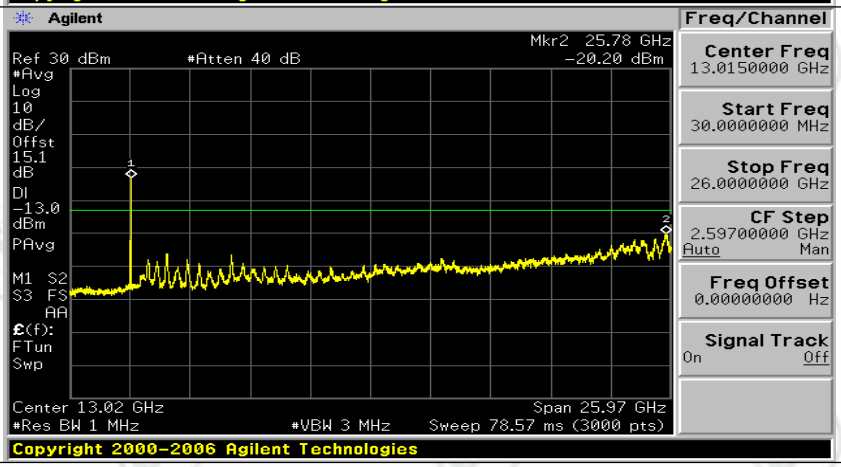




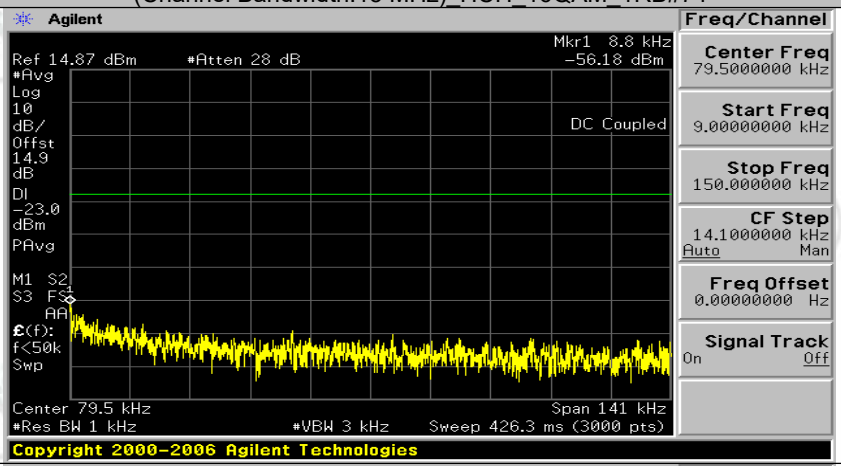
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37

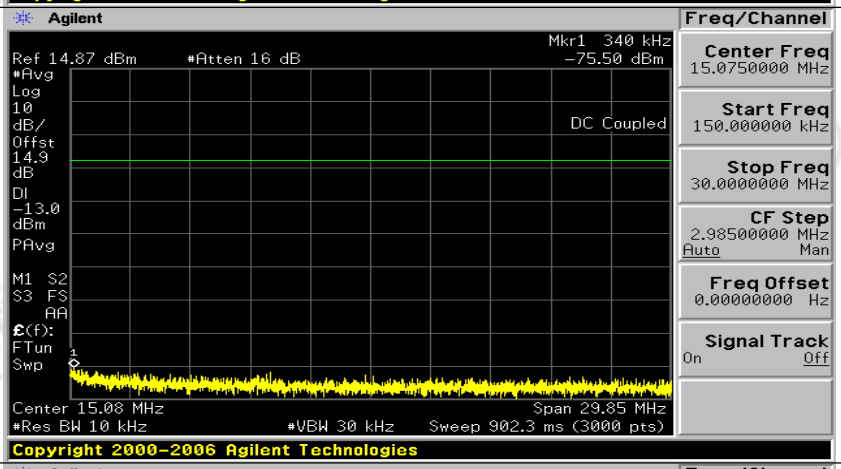


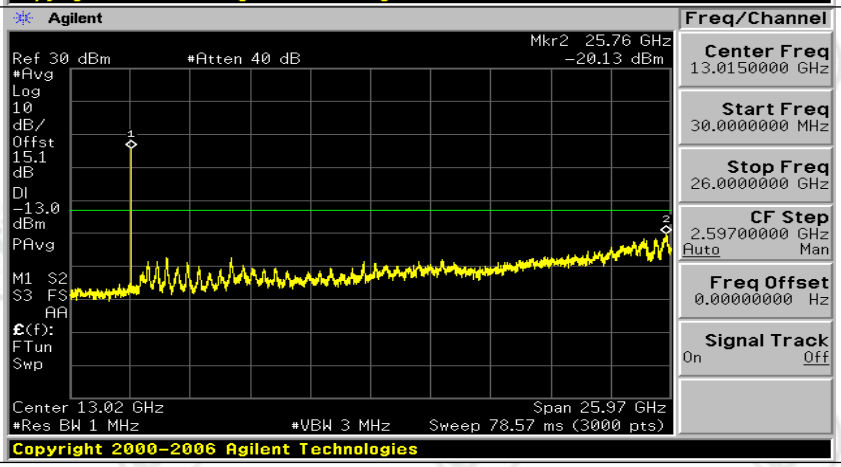




(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74

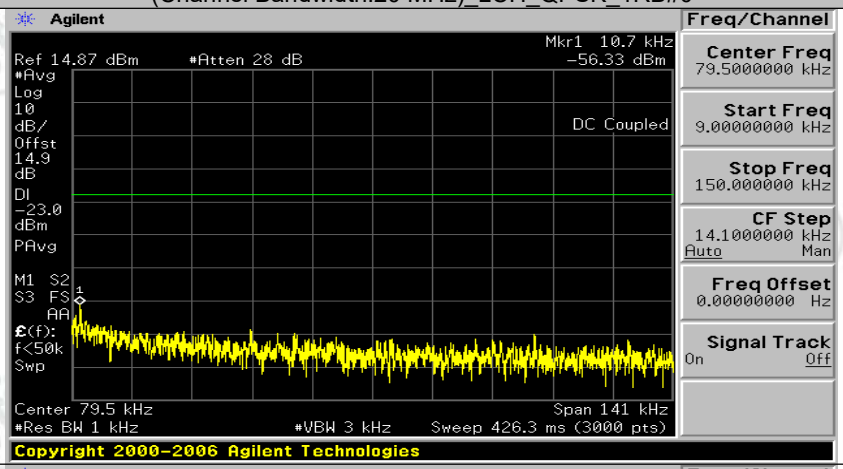


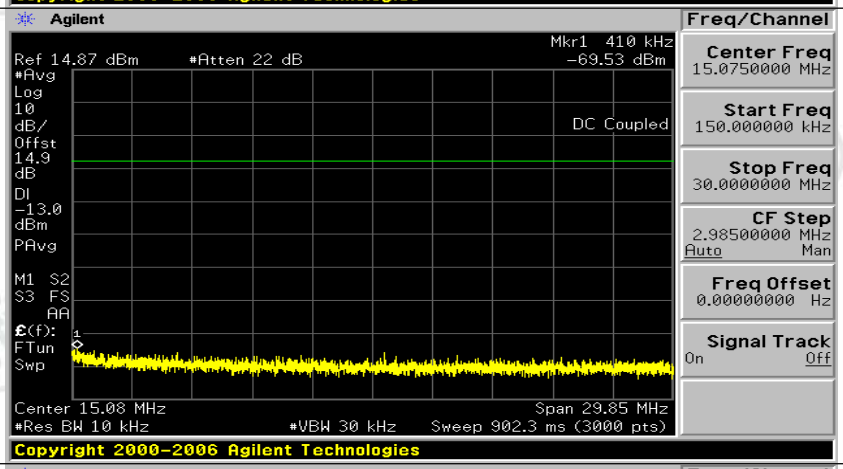


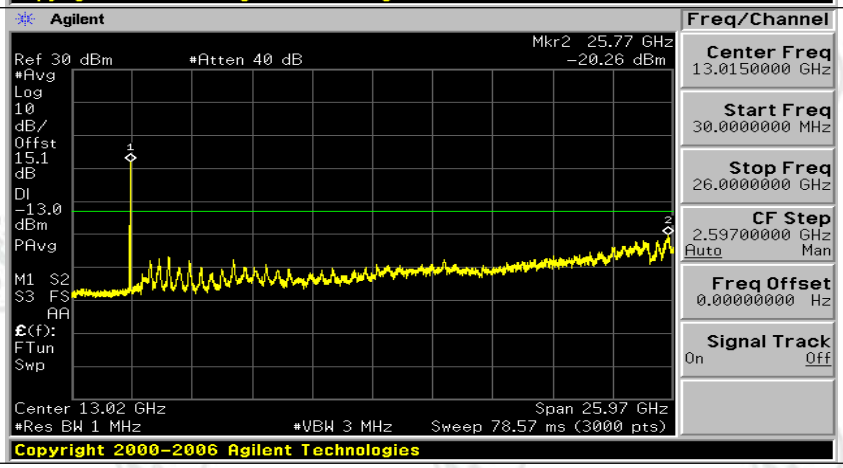


Channel Bandwidth: 20 MHz

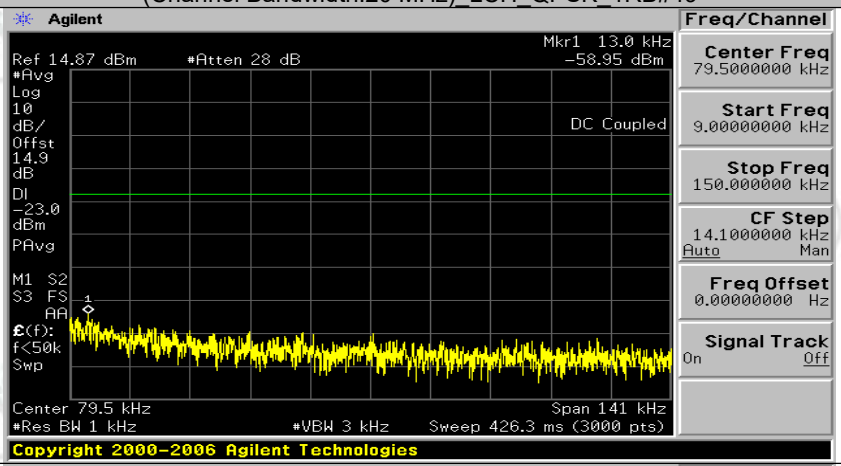
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0

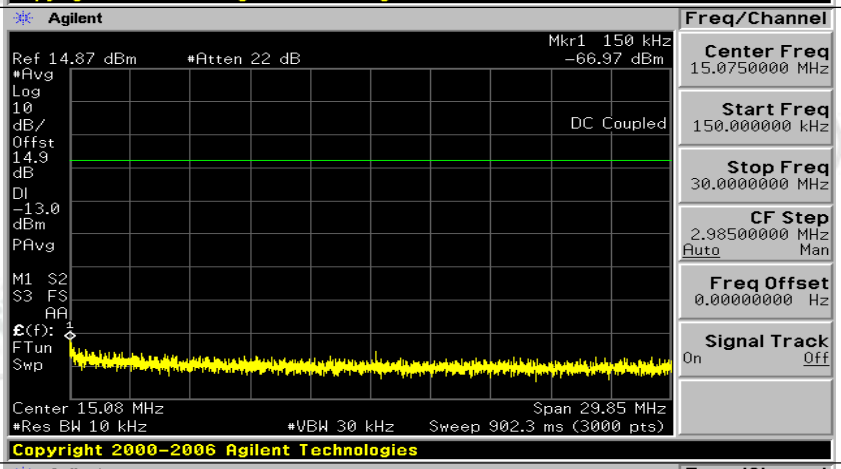


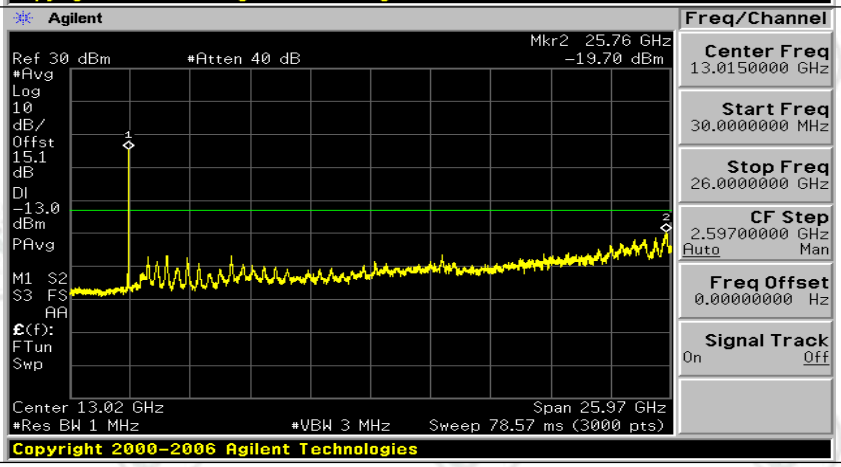




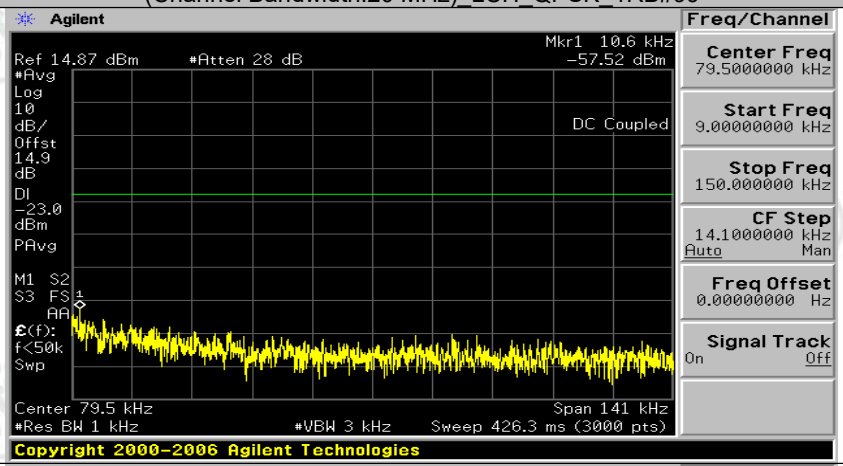
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#49

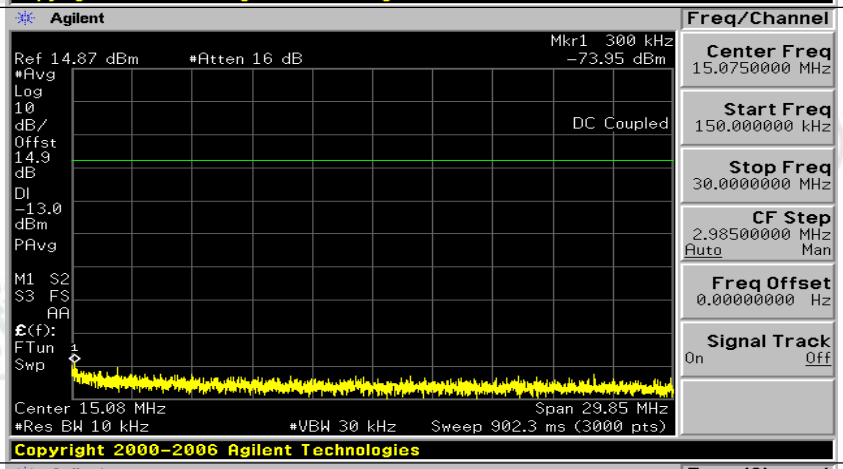


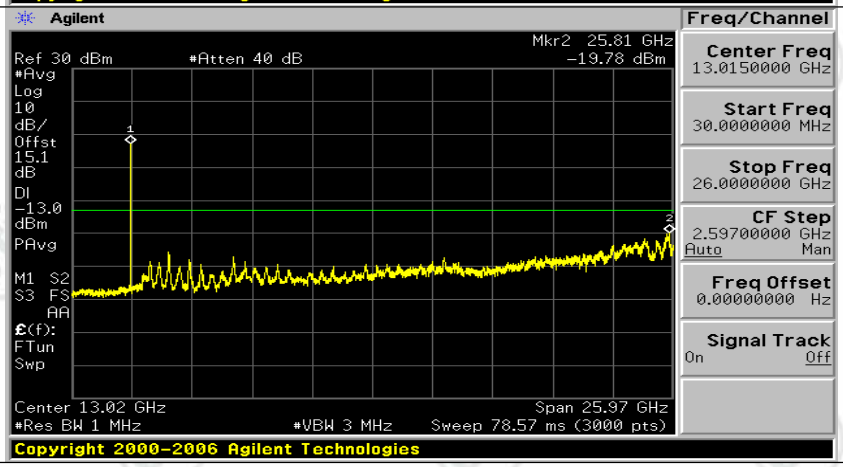




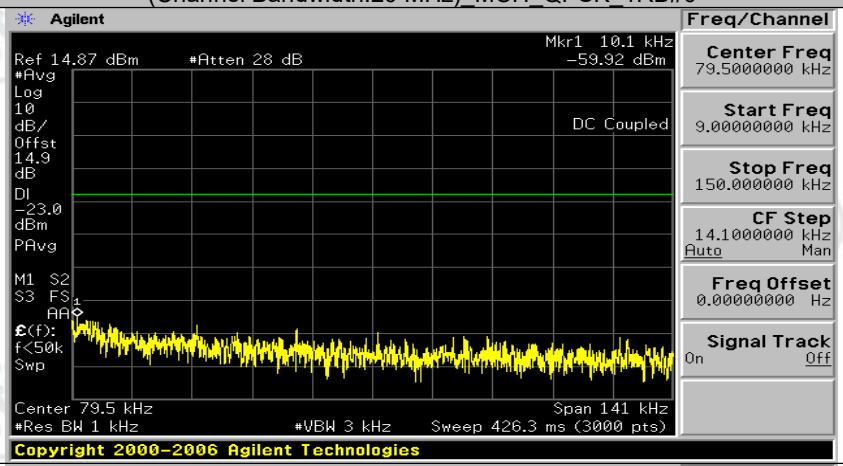
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99

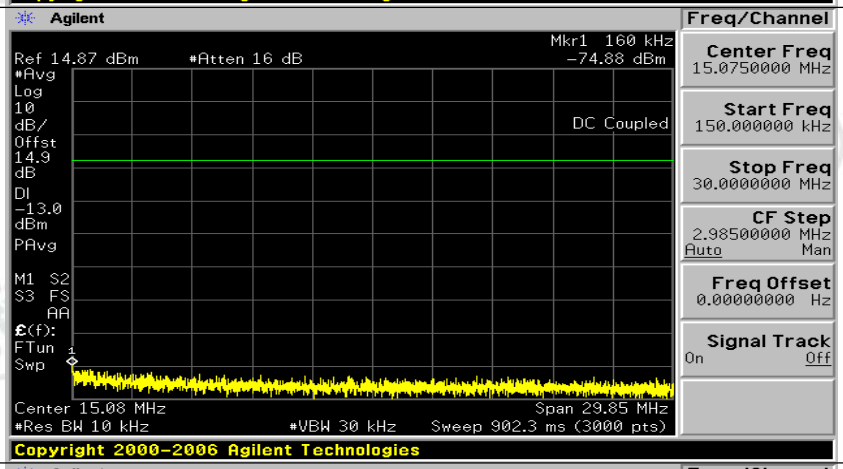


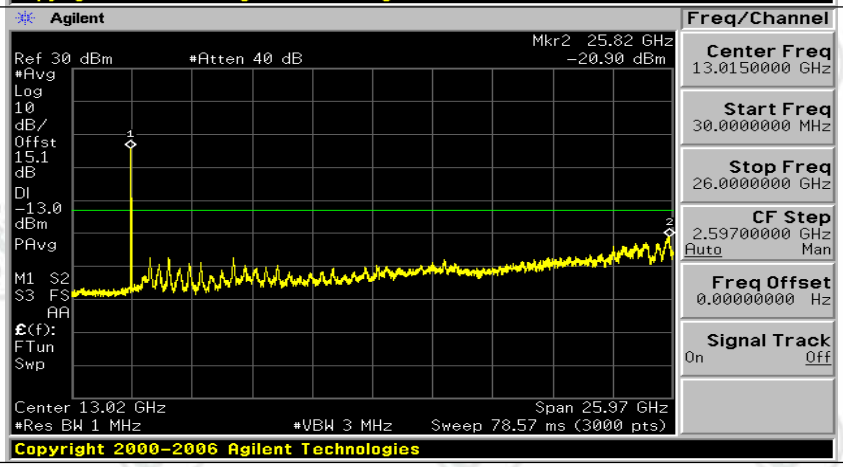




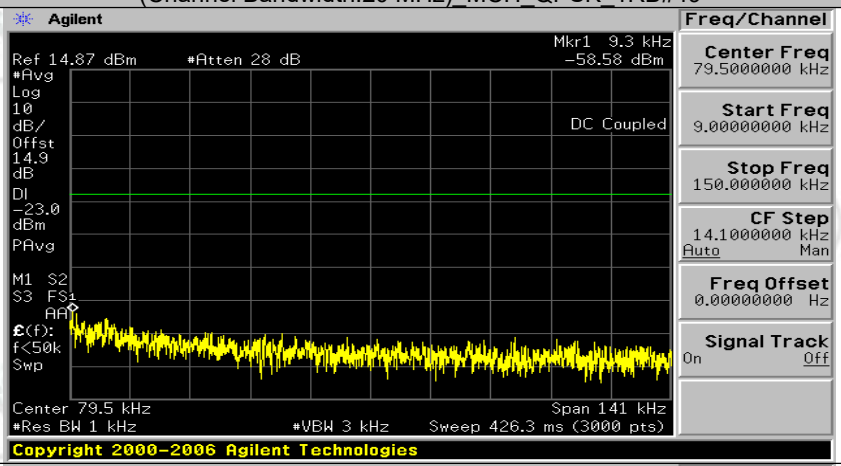
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

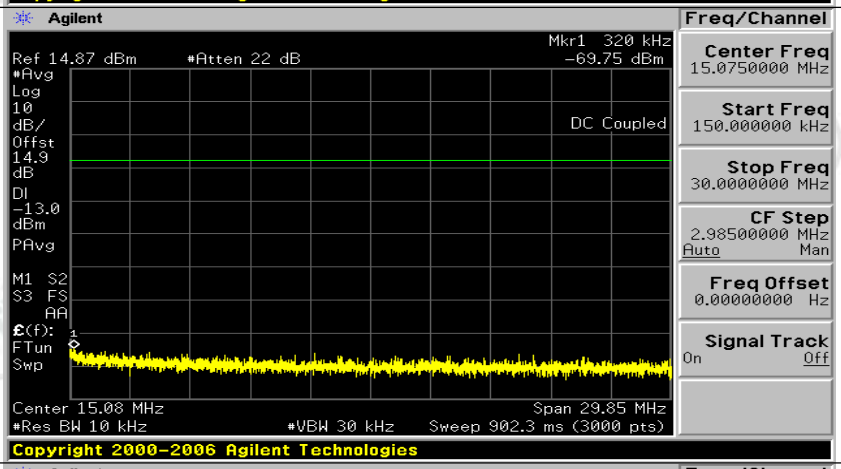


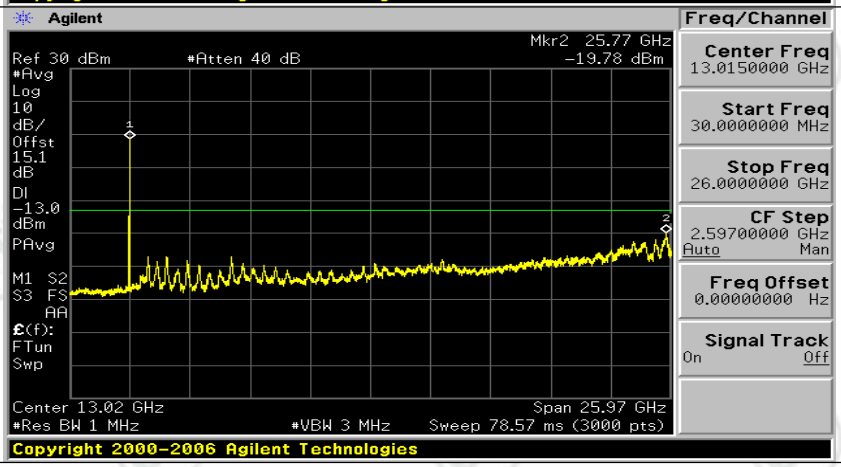




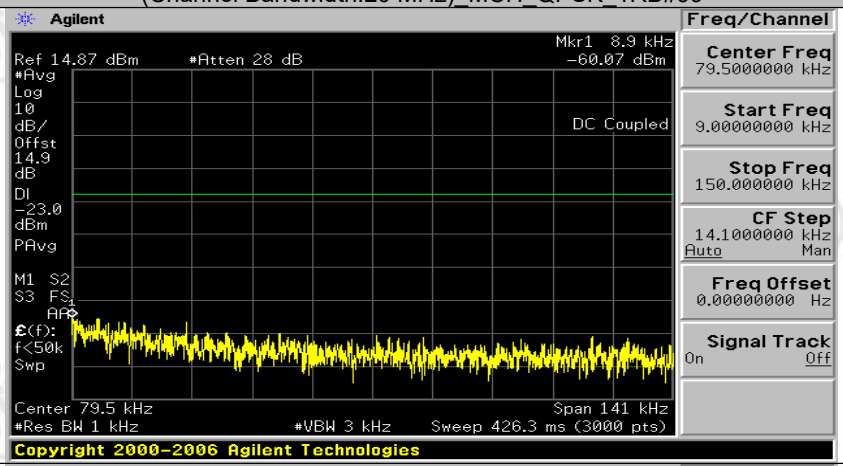
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49

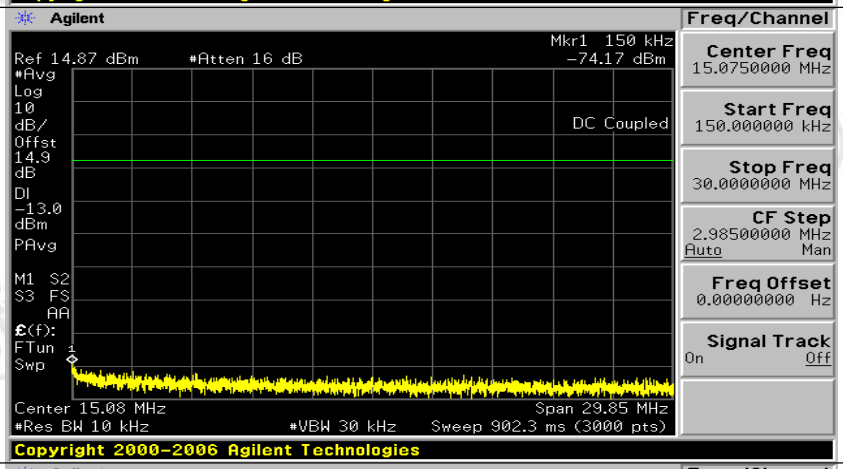


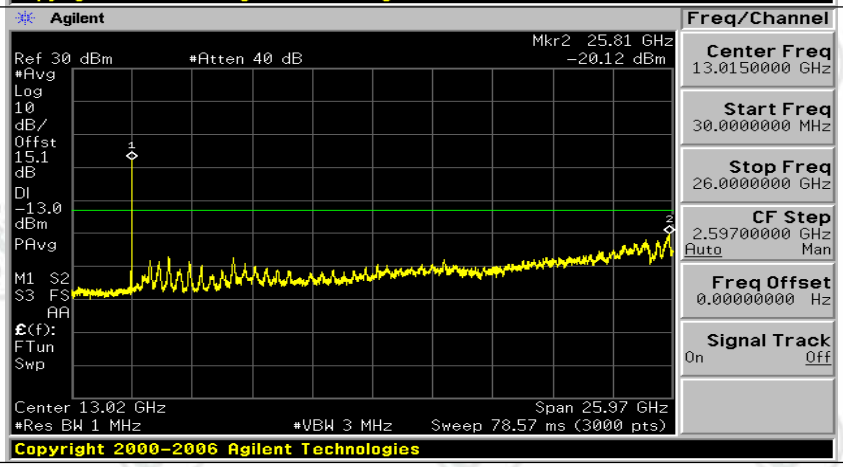




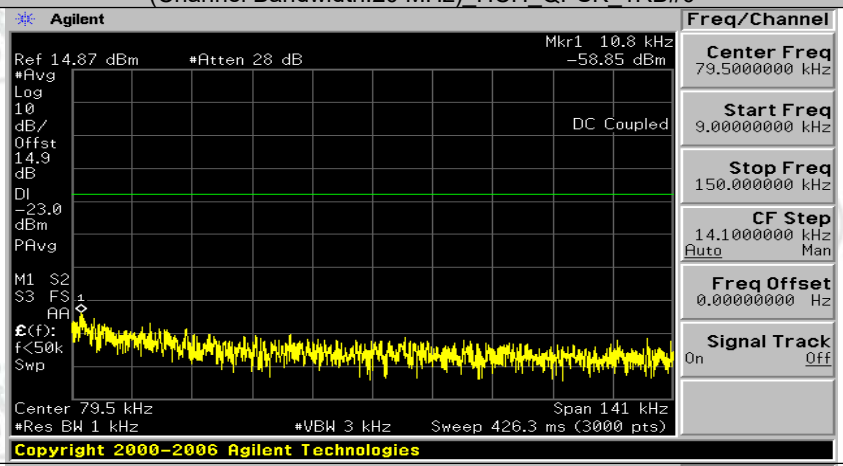
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99

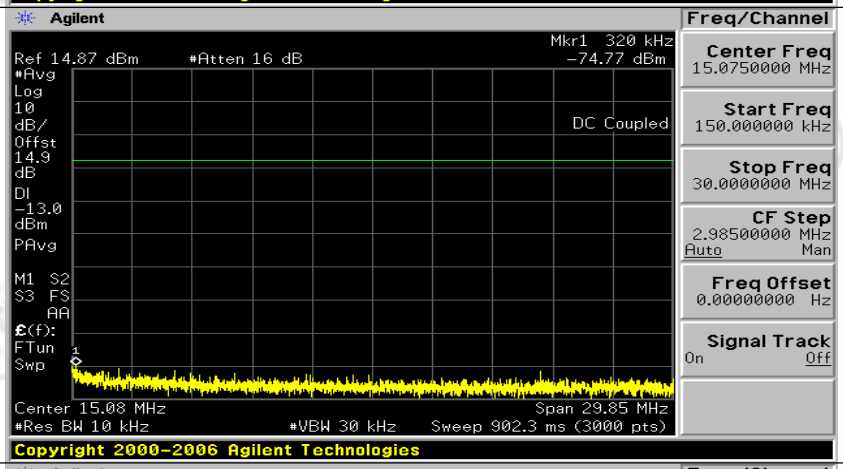


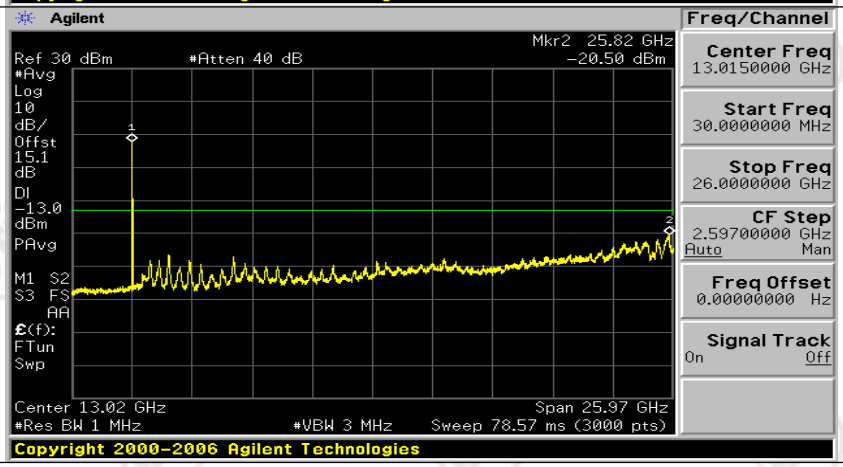




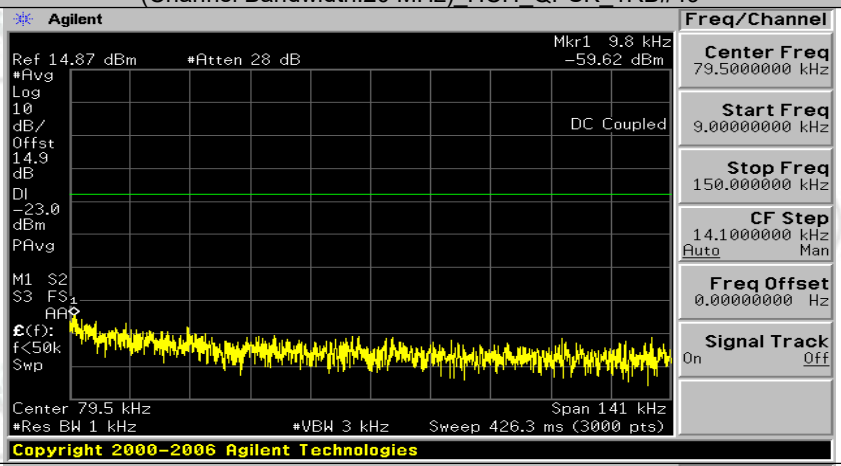
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

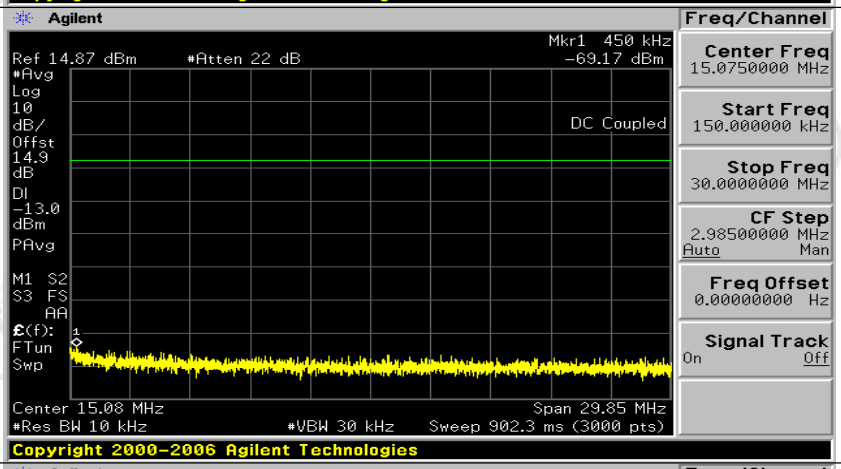


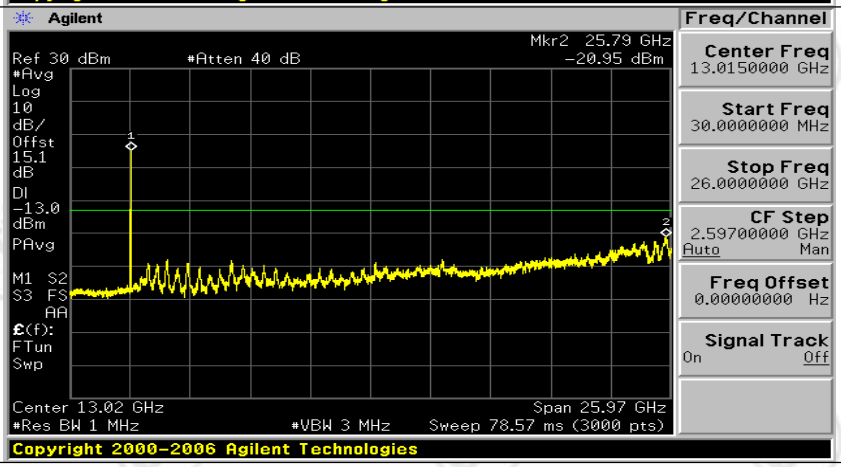




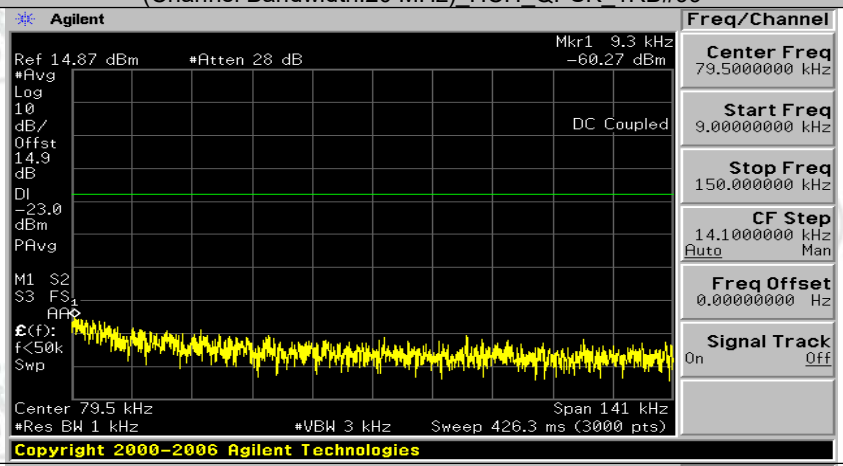
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49

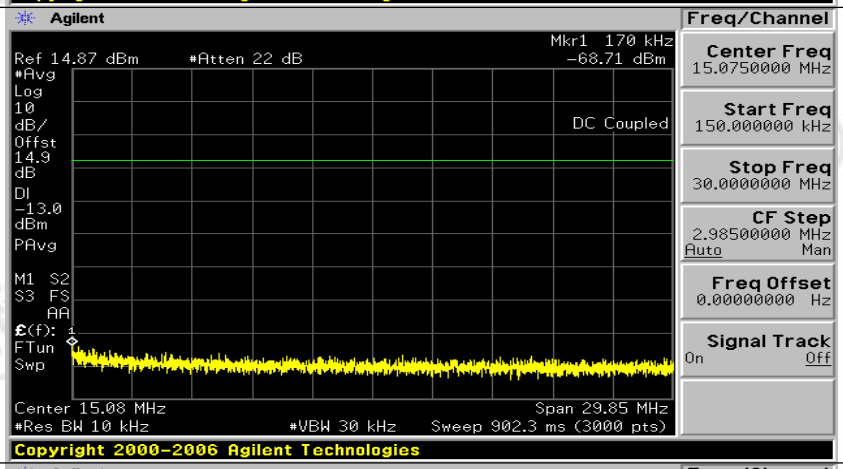


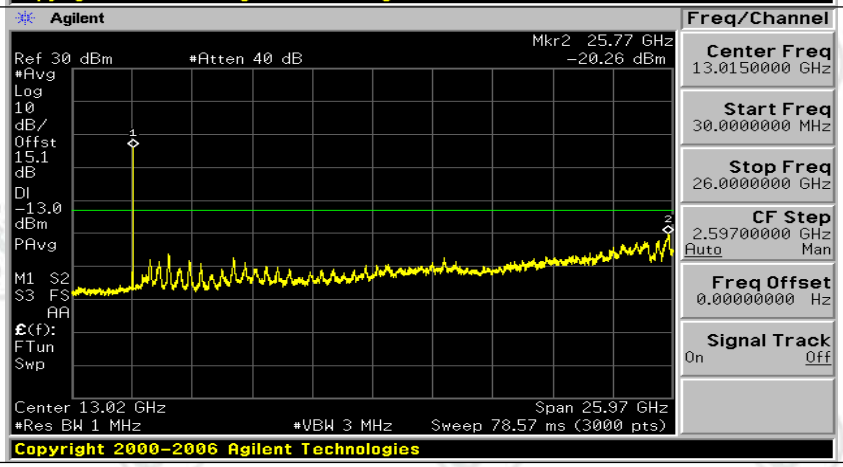




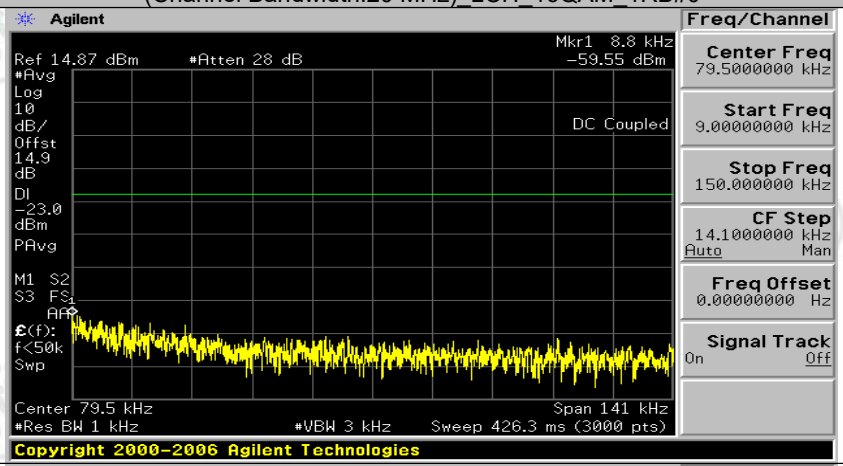
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99

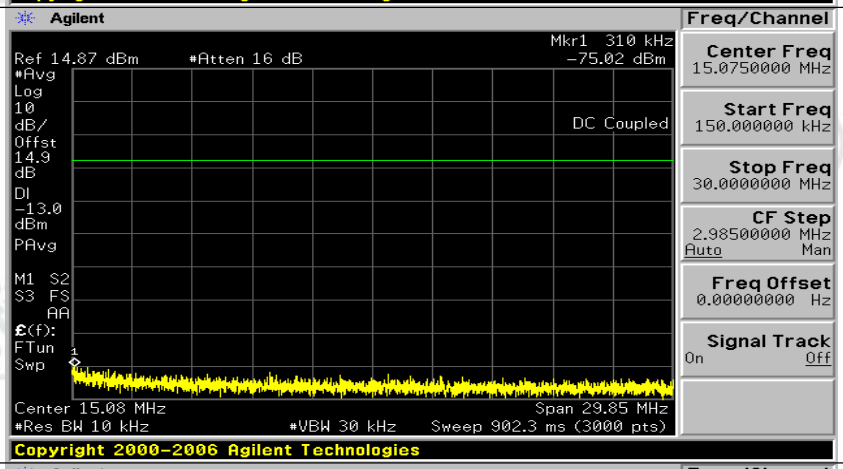


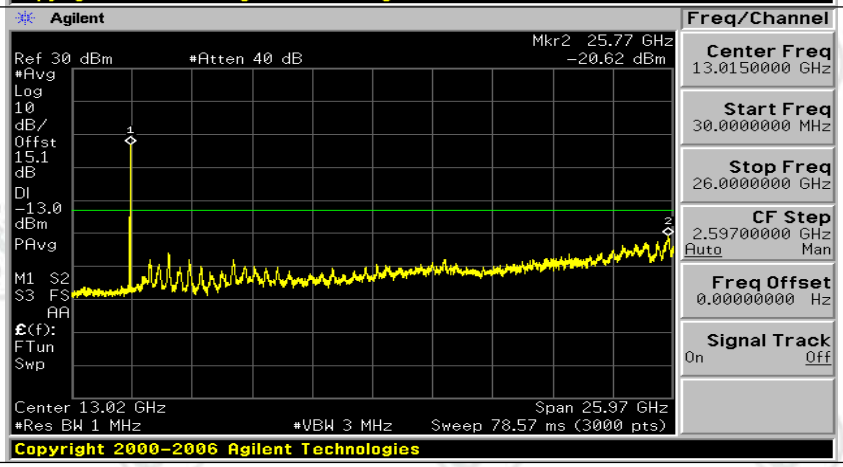




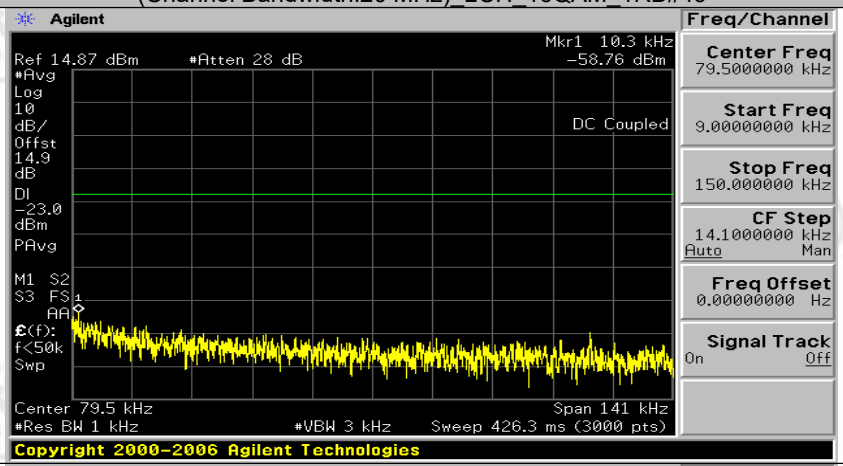
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0

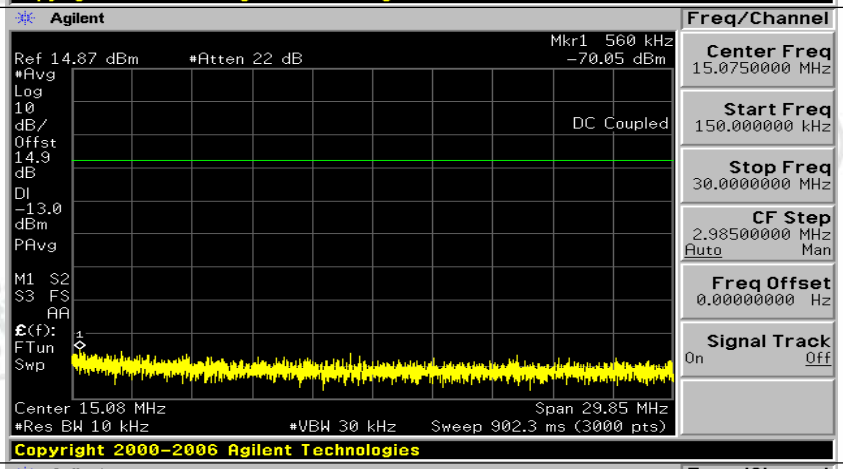


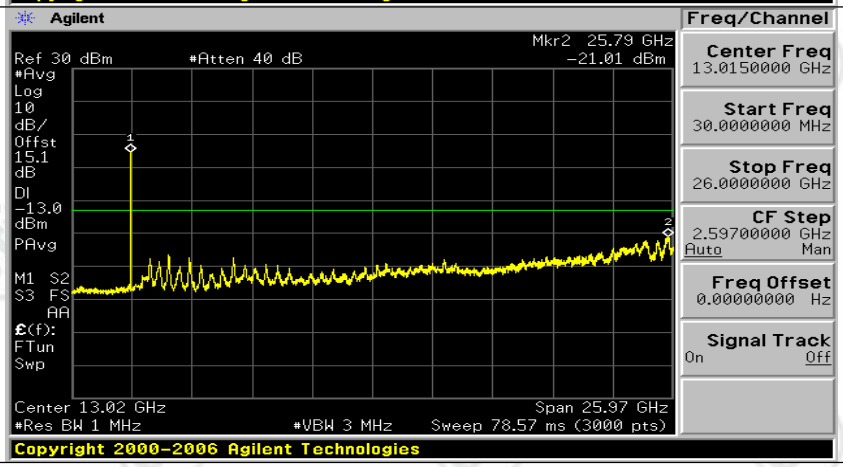




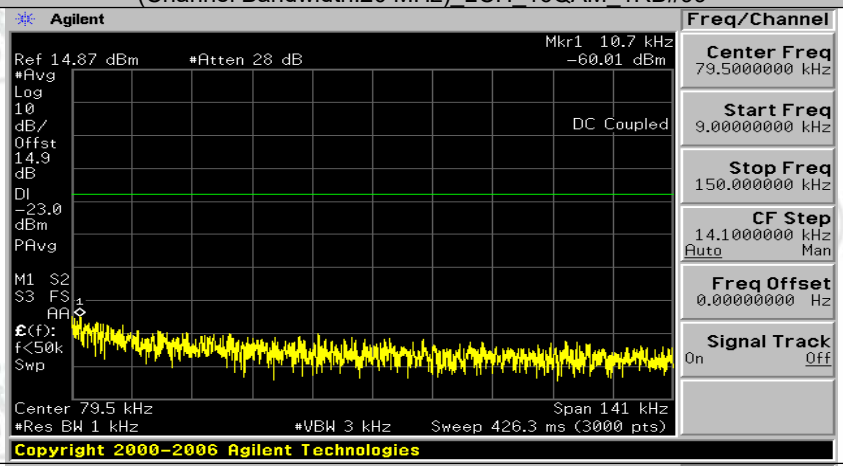
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49

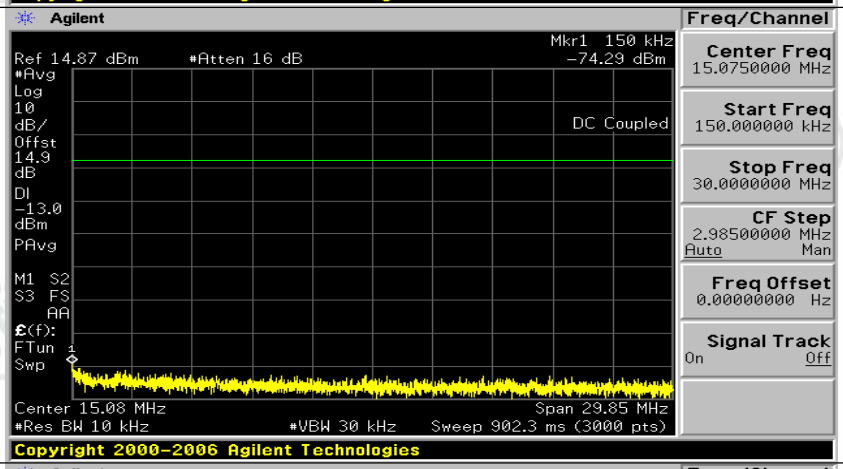


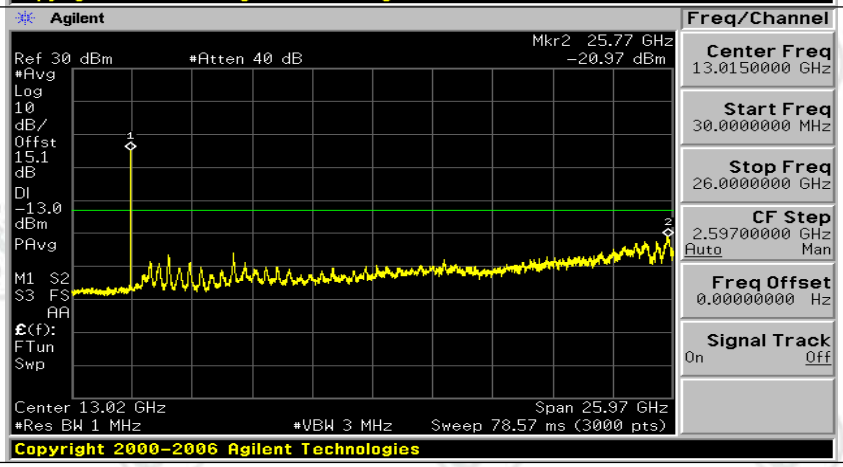




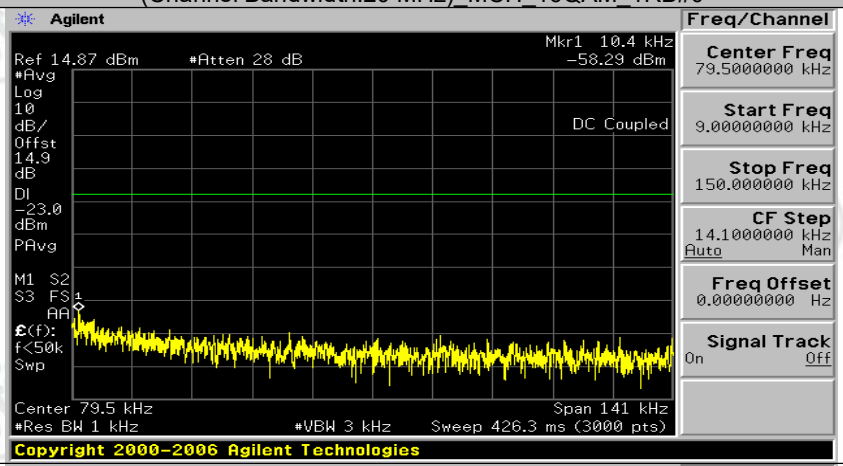
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99

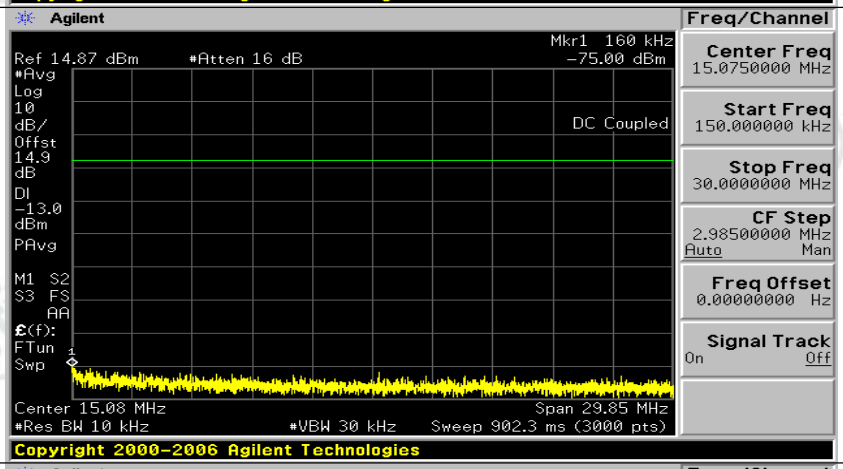


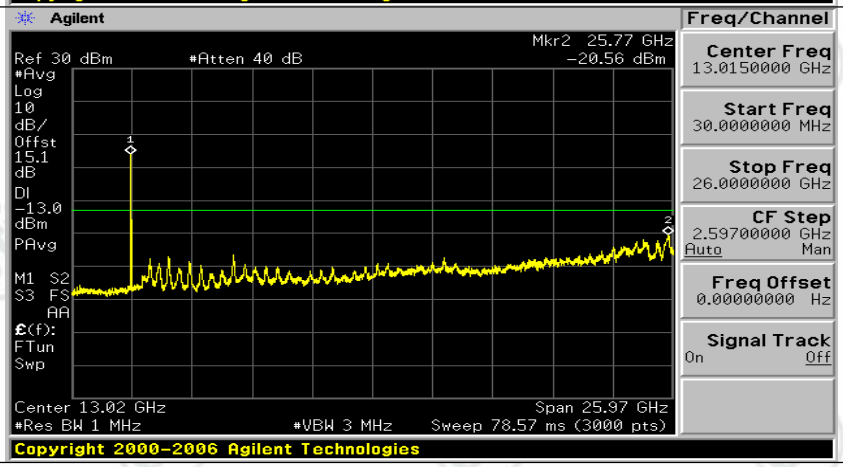




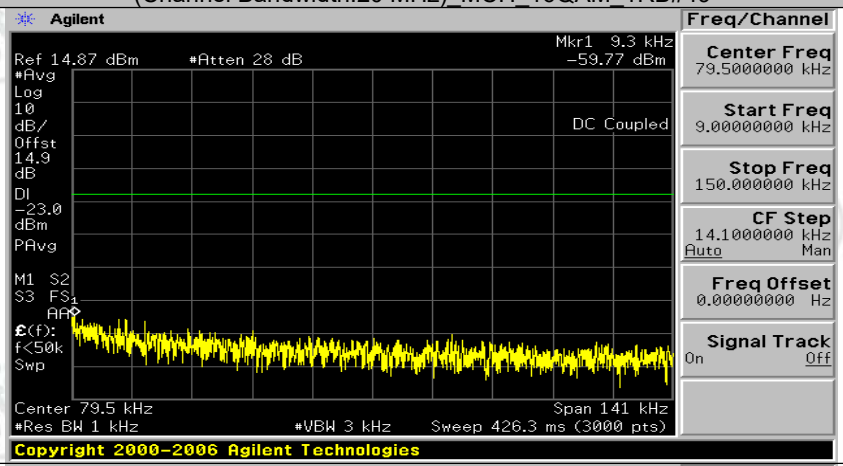
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

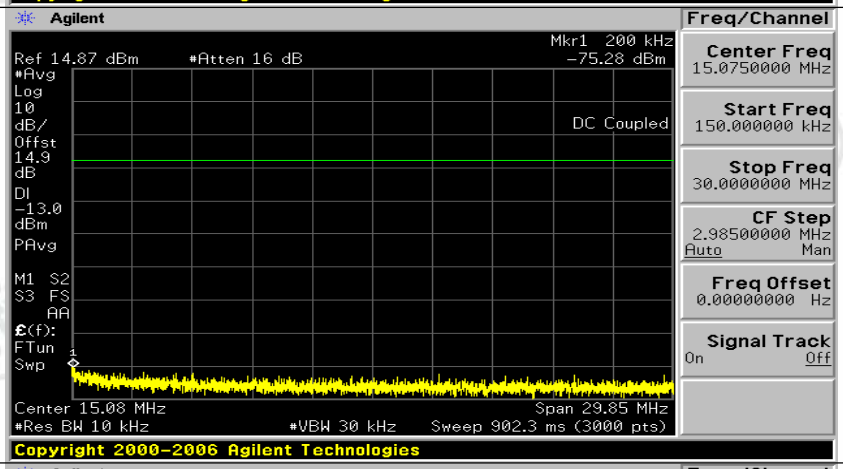


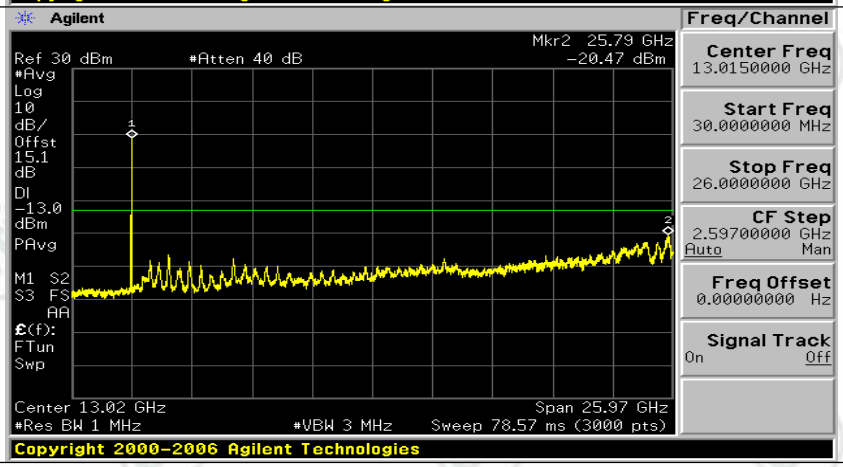




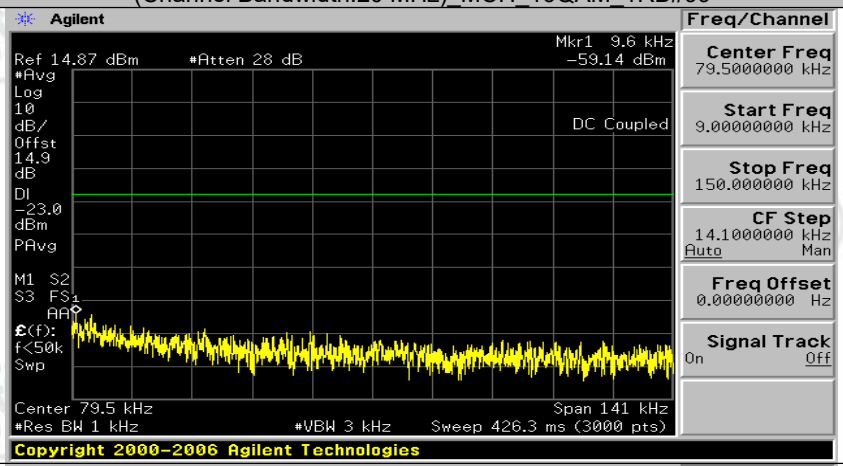
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

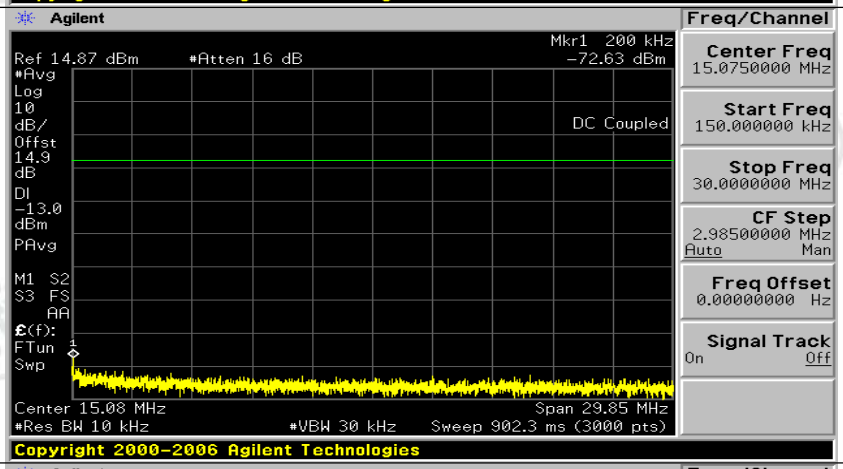


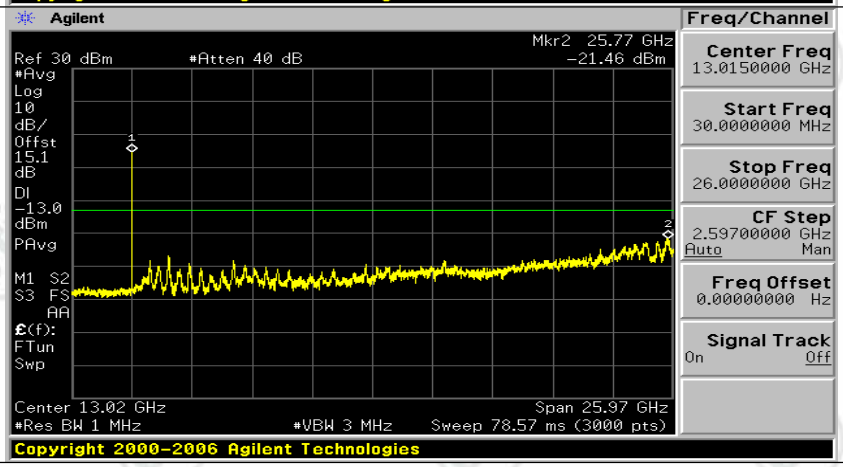




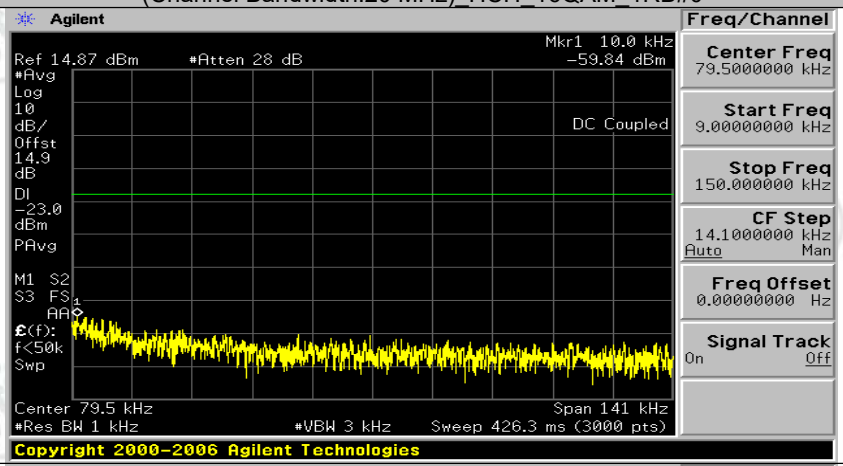
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99

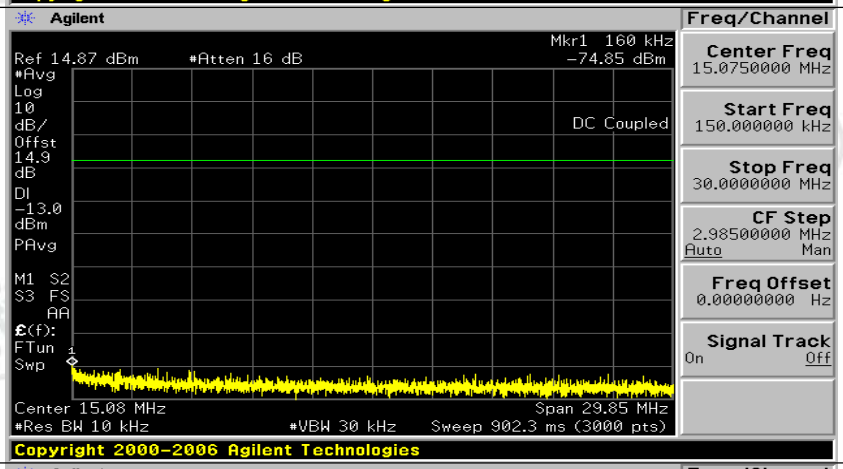


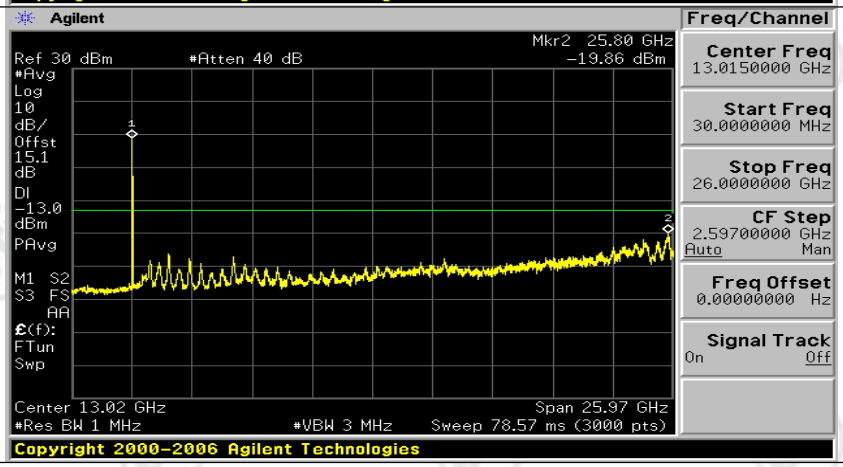




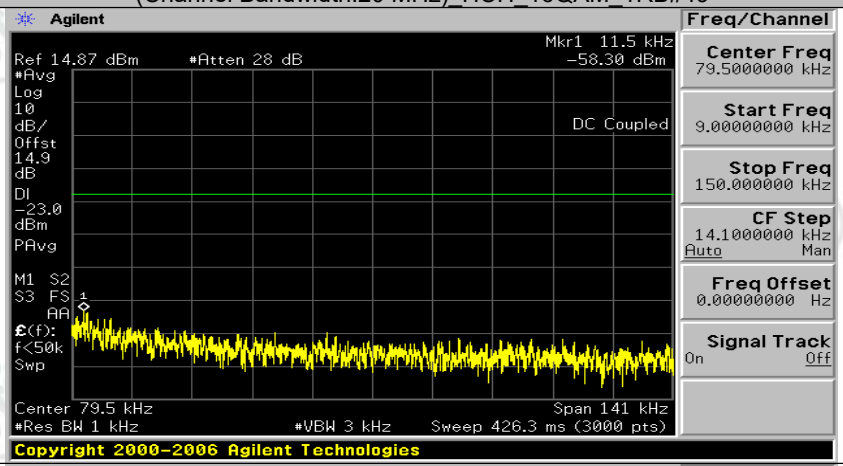
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0

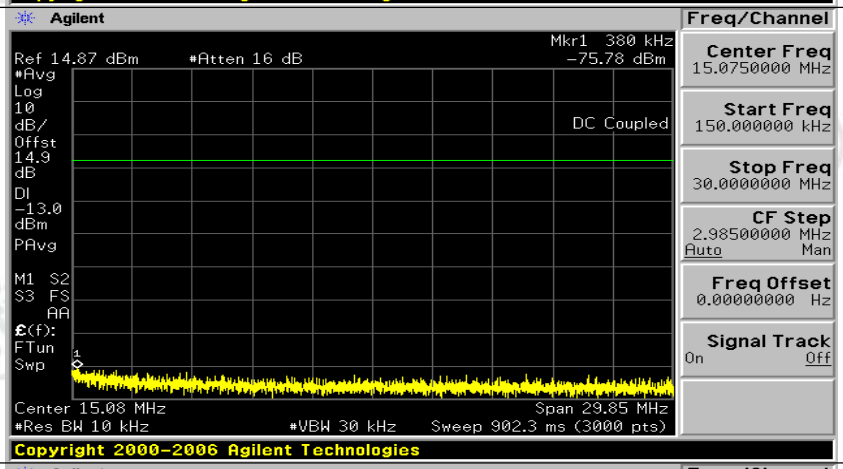


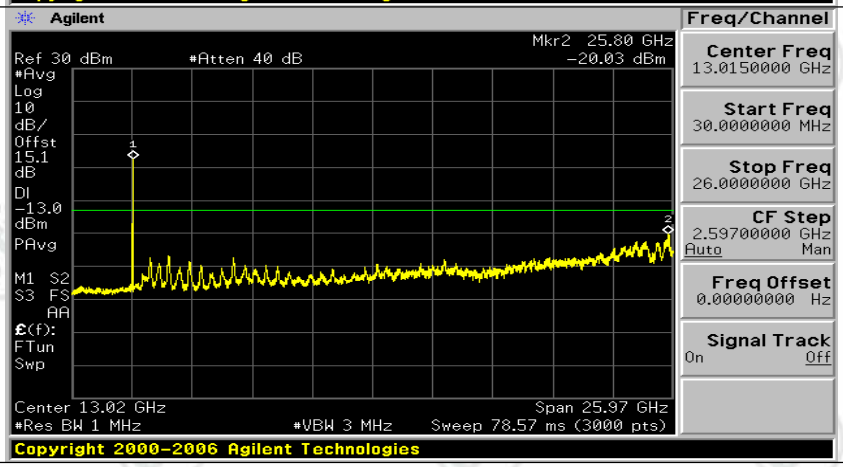




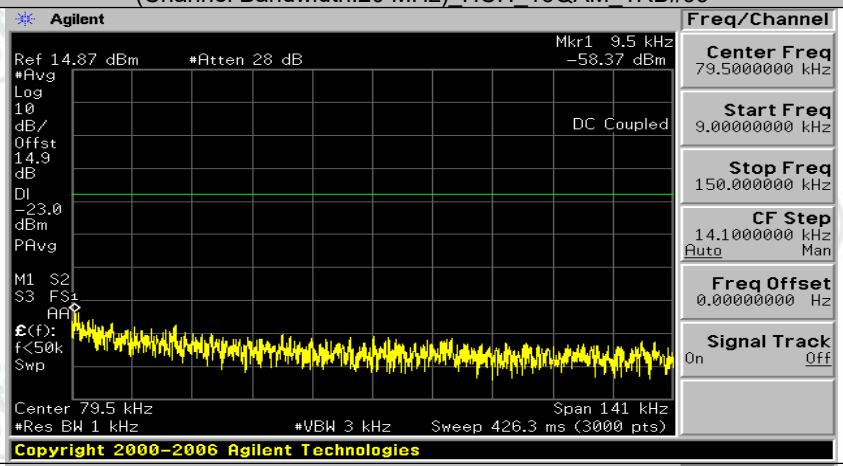
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49

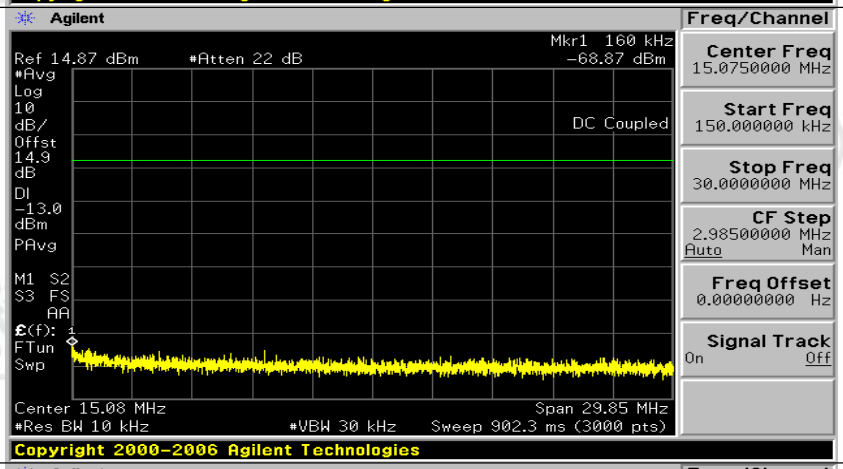


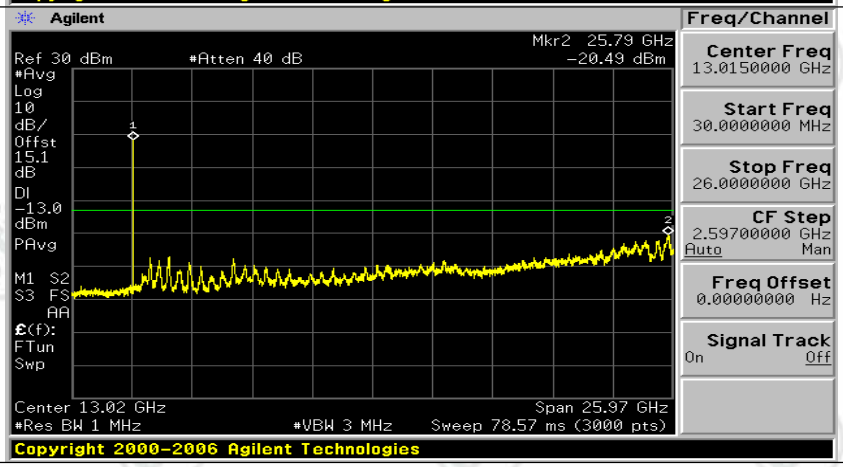




(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99







Appendix F): Frequency Stability

Test Result

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

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	30.81	0.012155	± 2.5	PASS
		VN	TN	18.12	0.007150	± 2.5	PASS
		VH	TN	30.60	0.012070	± 2.5	PASS
	MCH	VL	TN	11.37	0.004386	± 2.5	PASS
		VN	TN	-8.34	-0.003216	± 2.5	PASS
		VH	TN	33.99	0.013108	± 2.5	PASS
	HCH	VL	TN	-1.02	-0.000383	± 2.5	PASS
		VN	TN	8.05	0.003033	± 2.5	PASS
		VH	TN	37.84	0.014251	± 2.5	PASS
16QAM	LCH	VL	TN	27.34	0.010784	± 2.5	PASS
		VN	TN	3.62	0.001428	± 2.5	PASS
		VH	TN	29.77	0.011743	± 2.5	PASS
	MCH	VL	TN	5.28	0.002036	± 2.5	PASS
		VN	TN	32.16	0.012402	± 2.5	PASS
		VH	TN	2.26	0.000872	± 2.5	PASS
	HCH	VL	TN	36.44	0.013723	± 2.5	PASS
		VN	TN	12.19	0.004591	± 2.5	PASS
		VH	TN	3.71	0.001395	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	29.24	0.011534	± 2.5	PASS
		VN	-20	33.93	0.013385	± 2.5	PASS
		VN	-10	9.40	0.003707	± 2.5	PASS
		VN	0	17.78	0.007014	± 2.5	PASS
		VN	10	18.34	0.007234	± 2.5	PASS
		VN	20	9.11	0.003595	± 2.5	PASS
		VN	30	-1.42	-0.000559	± 2.5	PASS
		VN	40	-1.76	-0.000694	± 2.5	PASS
		VN	50	-6.29	-0.002483	± 2.5	PASS
	MCH	VN	-30	27.47	0.010592	± 2.5	PASS
		VN	-20	24.10	0.009296	± 2.5	PASS
		VN	-10	14.26	0.005500	± 2.5	PASS
		VN	0	22.40	0.008639	± 2.5	PASS
		VN	10	18.95	0.007310	± 2.5	PASS
		VN	20	18.84	0.007266	± 2.5	PASS
		VN	30	7.80	0.003007	± 2.5	PASS
		VN	40	13.45	0.005186	± 2.5	PASS
		VN	50	6.55	0.002527	± 2.5	PASS
	HCH	VN	-30	-16.26	-0.006126	± 2.5	PASS
		VN	-20	32.40	0.012204	± 2.5	PASS
		VN	-10	-1.75	-0.000657	± 2.5	PASS
		VN	0	10.60	0.003993	± 2.5	PASS

		VN	10	8.53	0.003211	± 2.5	PASS
		VN	20	-2.62	-0.000986	± 2.5	PASS
		VN	30	26.82	0.010102	± 2.5	PASS
		VN	40	-0.16	-0.000059	± 2.5	PASS
		VN	50	11.04	0.004160	± 2.5	PASS
16QAM	LCH	VN	-30	-6.75	-0.002664	± 2.5	PASS
		VN	-20	23.25	0.009170	± 2.5	PASS
		VN	-10	29.58	0.011670	± 2.5	PASS
		VN	0	31.86	0.012567	± 2.5	PASS
		VN	10	-5.24	-0.002065	± 2.5	PASS
		VN	20	1.89	0.000745	± 2.5	PASS
		VN	30	11.82	0.004661	± 2.5	PASS
		VN	40	3.95	0.001557	± 2.5	PASS
		VN	50	-14.86	-0.005863	± 2.5	PASS
	MCH	VN	-30	-6.15	-0.002372	± 2.5	PASS
		VN	-20	40.45	0.015602	± 2.5	PASS
		VN	-10	35.81	0.013809	± 2.5	PASS
		VN	0	16.99	0.006554	± 2.5	PASS
		VN	10	11.01	0.004248	± 2.5	PASS
		VN	20	-0.57	-0.000221	± 2.5	PASS
		VN	30	-17.82	-0.006874	± 2.5	PASS
		VN	40	0.04	0.000017	± 2.5	PASS
		VN	50	-2.85	-0.001098	± 2.5	PASS
	HCH	VN	-30	-26.39	-0.009941	± 2.5	PASS
		VN	-20	-47.41	-0.017856	± 2.5	PASS
		VN	-10	-54.16	-0.020399	± 2.5	PASS
		VN	0	-28.35	-0.010679	± 2.5	PASS
		VN	10	-41.36	-0.015577	± 2.5	PASS
		VN	20	-40.68	-0.015323	± 2.5	PASS
		VN	30	-41.43	-0.015604	± 2.5	PASS
		VN	40	-39.90	-0.015027	± 2.5	PASS
		VN	50	-17.52	-0.006600	± 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	-3.96	-0.001562	± 2.5	PASS
		VN	TN	12.65	0.004984	± 2.5	PASS
		VH	TN	33.90	0.013361	± 2.5	PASS
	MCH	VL	TN	4.72	0.001821	± 2.5	PASS
		VN	TN	4.55	0.001754	± 2.5	PASS
		VH	TN	26.78	0.010327	± 2.5	PASS
	HCH	VL	TN	35.72	0.013466	± 2.5	PASS
		VN	TN	0.57	0.000216	± 2.5	PASS
		VH	TN	23.57	0.008888	± 2.5	PASS
16QAM	LCH	VL	TN	19.87	0.007830	± 2.5	PASS
		VN	TN	-15.88	-0.006258	± 2.5	PASS
		VH	TN	34.32	0.013524	± 2.5	PASS
	MCH	VL	TN	24.50	0.009450	± 2.5	PASS

		VN	TN	41.06	0.015833	± 2.5	PASS
		VH	TN	18.55	0.007155	± 2.5	PASS
	HCH	VL	TN	-2.83	-0.001068	± 2.5	PASS
		VN	TN	-37.99	-0.014324	± 2.5	PASS
		VH	TN	13.29	0.005010	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	LCH	VN	-30	36.79	0.014500	± 2.5	PASS
		VN	-20	31.09	0.012250	± 2.5	PASS
		VN	-10	-2.27	-0.000896	± 2.5	PASS
		VN	0	10.74	0.004234	± 2.5	PASS
		VN	10	31.49	0.012408	± 2.5	PASS
		VN	20	20.56	0.008101	± 2.5	PASS
		VN	30	12.37	0.004876	± 2.5	PASS
		VN	40	22.87	0.009014	± 2.5	PASS
		VN	50	29.28	0.011540	± 2.5	PASS
	MCH	VN	-30	-16.55	-0.006383	± 2.5	PASS
		VN	-20	10.27	0.003961	± 2.5	PASS
		VN	-10	-8.85	-0.003415	± 2.5	PASS
		VN	0	1.10	0.000425	± 2.5	PASS
		VN	10	17.01	0.006559	± 2.5	PASS
		VN	20	27.18	0.010482	± 2.5	PASS
		VN	30	5.02	0.001936	± 2.5	PASS
		VN	40	22.90	0.008832	± 2.5	PASS
		VN	50	-12.39	-0.004778	± 2.5	PASS
	HCH	VN	-30	7.90	0.002977	± 2.5	PASS
		VN	-20	31.41	0.011843	± 2.5	PASS
		VN	-10	-10.17	-0.003834	± 2.5	PASS
		VN	0	28.55	0.010765	± 2.5	PASS
		VN	10	38.71	0.014594	± 2.5	PASS
		VN	20	16.65	0.006278	± 2.5	PASS
		VN	30	7.34	0.002767	± 2.5	PASS
		VN	40	23.76	0.008958	± 2.5	PASS
		VN	50	33.40	0.012593	± 2.5	PASS
QPSK	LCH	VN	-30	-7.95	-0.003134	± 2.5	PASS
		VN	-20	20.04	0.007898	± 2.5	PASS
		VN	-10	47.94	0.018891	± 2.5	PASS
		VN	0	46.09	0.018164	± 2.5	PASS
		VN	10	36.64	0.014438	± 2.5	PASS
		VN	20	7.97	0.003140	± 2.5	PASS
		VN	30	43.26	0.017048	± 2.5	PASS
		VN	40	40.48	0.015954	± 2.5	PASS
		VN	50	30.53	0.012030	± 2.5	PASS
	MCH	VN	-30	15.56	0.006002	± 2.5	PASS
		VN	-20	28.20	0.010874	± 2.5	PASS
		VN	-10	24.33	0.009384	± 2.5	PASS
		VN	0	29.38	0.011332	± 2.5	PASS
		VN	10	11.34	0.004375	± 2.5	PASS
		VN	20	18.02	0.006951	± 2.5	PASS
		VN	30	24.08	0.009285	± 2.5	PASS

		VN	40	28.40	0.010951	± 2.5	PASS
		VN	50	35.02	0.013505	± 2.5	PASS
	HCH	VN	-30	15.78	0.005949	± 2.5	PASS
		VN	-20	20.37	0.007680	± 2.5	PASS
		VN	-10	27.51	0.010371	± 2.5	PASS
		VN	0	8.03	0.003026	± 2.5	PASS
		VN	10	-1.49	-0.000561	± 2.5	PASS
		VN	20	33.42	0.012598	± 2.5	PASS
		VN	30	10.67	0.004023	± 2.5	PASS
		VN	40	27.65	0.010425	± 2.5	PASS
		VN	50	38.82	0.014637	± 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	9.63	0.003790	± 2.5	PASS
		VN	TN	-9.67	-0.003807	± 2.5	PASS
		VH	TN	-4.82	-0.001898	± 2.5	PASS
	MCH	VL	TN	-39.17	-0.015105	± 2.5	PASS
		VN	TN	-7.60	-0.002929	± 2.5	PASS
		VH	TN	-19.54	-0.007536	± 2.5	PASS
	HCH	VL	TN	20.59	0.007768	± 2.5	PASS
		VN	TN	-32.39	-0.012221	± 2.5	PASS
		VH	TN	-6.49	-0.002451	± 2.5	PASS
16QAM	LCH	VL	TN	-41.07	-0.016169	± 2.5	PASS
		VN	TN	-14.36	-0.005654	± 2.5	PASS
		VH	TN	-43.07	-0.016958	± 2.5	PASS
	MCH	VL	TN	-32.96	-0.012711	± 2.5	PASS
		VN	TN	-34.30	-0.013229	± 2.5	PASS
		VH	TN	-11.60	-0.004474	± 2.5	PASS
	HCH	VL	TN	10.33	0.003897	± 2.5	PASS
		VN	TN	10.50	0.003962	± 2.5	PASS
		VH	TN	31.00	0.011698	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.66	0.001048	± 2.5	PASS
		VN	-20	32.92	0.012959	± 2.5	PASS
		VN	-10	12.60	0.004962	± 2.5	PASS
		VN	0	29.48	0.011607	± 2.5	PASS
		VN	10	-5.39	-0.002123	± 2.5	PASS
		VN	20	16.68	0.006567	± 2.5	PASS
		VN	30	34.25	0.013483	± 2.5	PASS
		VN	40	26.44	0.010408	± 2.5	PASS
		VN	50	30.01	0.011816	± 2.5	PASS
	MCH	VN	-30	-33.97	-0.013102	± 2.5	PASS
		VN	-20	-32.74	-0.012628	± 2.5	PASS
		VN	-10	-52.10	-0.020092	± 2.5	PASS
		VN	0	-4.21	-0.001622	± 2.5	PASS

		VN	10	-44.62	-0.017207	± 2.5	PASS
		VN	20	-16.14	-0.006223	± 2.5	PASS
		VN	30	-49.92	-0.019254	± 2.5	PASS
		VN	40	-35.89	-0.013842	± 2.5	PASS
		VN	50	-46.99	-0.018123	± 2.5	PASS
	HCH	VN	-30	21.64	0.008167	± 2.5	PASS
		VN	-20	33.82	0.012761	± 2.5	PASS
		VN	-10	16.65	0.006283	± 2.5	PASS
		VN	0	13.49	0.005090	± 2.5	PASS
		VN	10	12.03	0.004540	± 2.5	PASS
		VN	20	15.45	0.005830	± 2.5	PASS
		VN	30	9.31	0.003514	± 2.5	PASS
		VN	40	5.16	0.001949	± 2.5	PASS
		VN	50	-8.24	-0.003109	± 2.5	PASS
16QAM	LCH	VN	-30	-40.53	-0.015955	± 2.5	PASS
		VN	-20	-38.65	-0.015217	± 2.5	PASS
		VN	-10	-0.36	-0.000141	± 2.5	PASS
		VN	0	-2.93	-0.001155	± 2.5	PASS
		VN	10	10.94	0.004308	± 2.5	PASS
		VN	20	10.34	0.004072	± 2.5	PASS
		VN	30	5.61	0.002208	± 2.5	PASS
		VN	40	33.43	0.013162	± 2.5	PASS
		VN	50	13.60	0.005356	± 2.5	PASS
	MCH	VN	-30	14.39	0.005550	± 2.5	PASS
		VN	-20	29.18	0.011254	± 2.5	PASS
		VN	-10	-5.99	-0.002312	± 2.5	PASS
		VN	0	-13.80	-0.005324	± 2.5	PASS
		VN	10	-13.58	-0.005235	± 2.5	PASS
		VN	20	-33.43	-0.012893	± 2.5	PASS
		VN	30	-42.53	-0.016402	± 2.5	PASS
		VN	40	-3.35	-0.001291	± 2.5	PASS
		VN	50	-20.73	-0.007994	± 2.5	PASS
	HCH	VN	-30	-16.94	-0.006391	± 2.5	PASS
		VN	-20	-10.89	-0.004108	± 2.5	PASS
		VN	-10	2.27	0.000858	± 2.5	PASS
		VN	0	-0.17	-0.000065	± 2.5	PASS
		VN	10	-16.37	-0.006175	± 2.5	PASS
		VN	20	-23.36	-0.008815	± 2.5	PASS
		VN	30	-43.59	-0.016448	± 2.5	PASS
		VN	40	-19.27	-0.007271	± 2.5	PASS
		VN	50	-46.26	-0.017458	± 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	25.88	0.010178	± 2.5	PASS
		VN	TN	19.57	0.007697	± 2.5	PASS
		VH	TN	-0.50	-0.000197	± 2.5	PASS
	MCH	VL	TN	-14.09	-0.005434	± 2.5	PASS

		VN	TN	12.73	0.004910	± 2.5	PASS
		VH	TN	24.81	0.009566	± 2.5	PASS
	HCH	VL	TN	35.29	0.013330	± 2.5	PASS
		VN	TN	-32.62	-0.012319	± 2.5	PASS
		VH	TN	-0.01	-0.000005	± 2.5	PASS
16QAM	LCH	VL	TN	16.44	0.006465	± 2.5	PASS
		VN	TN	21.70	0.008535	± 2.5	PASS
		VH	TN	12.50	0.004917	± 2.5	PASS
	MCH	VL	TN	39.17	0.015105	± 2.5	PASS
		VN	TN	22.23	0.008573	± 2.5	PASS
		VH	TN	5.91	0.002278	± 2.5	PASS
	HCH	VL	TN	20.64	0.007797	± 2.5	PASS
		VN	TN	-37.19	-0.014048	± 2.5	PASS
		VH	TN	27.24	0.010288	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	15.62	0.006144	± 2.5	PASS
		VN	-20	13.86	0.005452	± 2.5	PASS
		VN	-10	-8.98	-0.003533	± 2.5	PASS
		VN	0	25.33	0.009964	± 2.5	PASS
		VN	10	16.18	0.006363	± 2.5	PASS
		VN	20	0.90	0.000354	± 2.5	PASS
		VN	30	20.47	0.008051	± 2.5	PASS
		VN	40	12.29	0.004833	± 2.5	PASS
		VN	50	9.00	0.003539	± 2.5	PASS
	MCH	VN	-30	-10.10	-0.003895	± 2.5	PASS
		VN	-20	5.15	0.001986	± 2.5	PASS
		VN	-10	1.03	0.000397	± 2.5	PASS
		VN	0	22.85	0.008810	± 2.5	PASS
		VN	10	2.52	0.000971	± 2.5	PASS
		VN	20	29.21	0.011265	± 2.5	PASS
		VN	30	16.64	0.006416	± 2.5	PASS
		VN	40	-6.45	-0.002488	± 2.5	PASS
		VN	50	11.29	0.004353	± 2.5	PASS
	HCH	VN	-30	28.35	0.010709	± 2.5	PASS
		VN	-20	31.64	0.011952	± 2.5	PASS
		VN	-10	9.43	0.003561	± 2.5	PASS
		VN	0	26.04	0.009834	± 2.5	PASS
		VN	10	-5.49	-0.002075	± 2.5	PASS
		VN	20	-5.51	-0.002080	± 2.5	PASS
		VN	30	11.57	0.004371	± 2.5	PASS
		VN	40	35.83	0.013535	± 2.5	PASS
		VN	50	26.06	0.009845	± 2.5	PASS
16QAM	LCH	VN	-30	7.80	0.003066	± 2.5	PASS
		VN	-20	33.09	0.013014	± 2.5	PASS
		VN	-10	20.11	0.007911	± 2.5	PASS
		VN	0	25.42	0.009998	± 2.5	PASS
		VN	10	22.72	0.008935	± 2.5	PASS
		VN	20	-50.53	-0.019872	± 2.5	PASS
		VN	30	-28.52	-0.011219	± 2.5	PASS

		VN	40	23.90	0.009402	± 2.5	PASS
		VN	50	22.70	0.008929	± 2.5	PASS
	MCH	VN	-30	1.20	0.000463	± 2.5	PASS
		VN	-20	7.64	0.002946	± 2.5	PASS
		VN	-10	2.86	0.001103	± 2.5	PASS
		VN	0	4.88	0.001881	± 2.5	PASS
		VN	10	6.81	0.002626	± 2.5	PASS
		VN	20	45.22	0.017439	± 2.5	PASS
		VN	30	9.63	0.003713	± 2.5	PASS
		VN	40	29.30	0.011298	± 2.5	PASS
		VN	50	-1.59	-0.000612	± 2.5	PASS
	HCH	VN	-30	5.41	0.002042	± 2.5	PASS
		VN	-20	-30.83	-0.011644	± 2.5	PASS
		VN	-10	-32.92	-0.012433	± 2.5	PASS
		VN	0	-36.66	-0.013849	± 2.5	PASS
		VN	10	-28.72	-0.010850	± 2.5	PASS
		VN	20	2.82	0.001064	± 2.5	PASS
		VN	30	41.30	0.015599	± 2.5	PASS
		VN	40	9.67	0.003653	± 2.5	PASS
		VN	50	16.67	0.006295	± 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:	41			Channel:		40040		
Remark:	5M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.3297	150	174	-77.13	-13.00	64.13	Pass	Horizontal
2	144.0948	150	332	-65.57	-13.00	52.57	Pass	Horizontal
3	334.8350	150	332	-73.98	-13.00	60.98	Pass	Horizontal
4	479.9760	150	164	-74.18	-13.00	61.18	Pass	Horizontal
5	599.8920	150	275	-68.38	-13.00	55.38	Pass	Horizontal
6	742.5105	150	359	-60.35	-13.00	47.35	Pass	Horizontal
7	1395.8396	150	238	-52.37	-13.00	39.37	Pass	Horizontal
8	3206.2603	150	307	-48.37	-13.00	35.37	Pass	Horizontal
9	5070.0000	150	167	-50.35	-13.00	37.35	Pass	Horizontal
10	7605.0000	150	352	-49.34	-13.00	36.34	Pass	Horizontal
11	10140.0000	150	122	-42.76	-13.00	29.76	Pass	Horizontal
12	14040.5520	150	16	-39.07	-13.00	26.07	Pass	Horizontal

Mode:	LTE Traffic							
Band:	41			Channel:		40040		
Remark:	5M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.1356	150	322	-63.08	-13.00	50.08	Pass	Vertical
2	152.0504	150	164	-70.35	-13.00	57.35	Pass	Vertical
3	208.9038	150	229	-70.58	-13.00	57.58	Pass	Vertical
4	600.0860	150	6	-67.95	-13.00	54.95	Pass	Vertical
5	742.5105	150	0	-56.27	-13.00	43.27	Pass	Vertical
6	874.0688	150	0	-64.94	-13.00	51.94	Pass	Vertical
7	1394.0394	150	127	-47.92	-13.00	34.92	Pass	Vertical
8	3195.7598	150	136	-47.22	-13.00	34.22	Pass	Vertical
9	5070.0000	150	91	-51.24	-13.00	38.24	Pass	Vertical
10	7605.0000	150	122	-49.10	-13.00	36.10	Pass	Vertical
11	10140.0000	150	122	-43.01	-13.00	30.01	Pass	Vertical
12	14018.0509	150	336	-39.07	-13.00	26.07	Pass	Vertical

Mode:	LTE Traffic							
Band:	41			Channel:		40065		
Remark:	10M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.1356	150	247	-75.88	-13.00	62.88	Pass	Horizontal
2	120.0340	150	210	-73.25	-13.00	60.25	Pass	Horizontal
3	143.9008	150	358	-65.80	-13.00	52.80	Pass	Horizontal
4	334.8350	150	52	-73.79	-13.00	60.79	Pass	Horizontal
5	599.8920	150	358	-66.81	-13.00	53.81	Pass	Horizontal
6	742.5105	150	275	-59.16	-13.00	46.16	Pass	Horizontal
7	1397.8398	150	15	-51.64	-13.00	38.64	Pass	Horizontal
8	3587.2794	150	151	-49.30	-13.00	36.30	Pass	Horizontal
9	5075.0000	150	151	-50.83	-13.00	37.83	Pass	Horizontal
10	7612.5000	150	121	-49.80	-13.00	36.80	Pass	Horizontal
11	10150.0000	150	335	-43.39	-13.00	30.39	Pass	Horizontal
12	14439.5720	150	335	-39.19	-13.00	26.19	Pass	Horizontal

Mode:	LTE Traffic							
Band:	41			Channel:		40065		
Remark:	10M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	57.9416	150	26	-63.24	-13.00	50.24	Pass	Vertical
2	152.0504	150	137	-70.45	-13.00	57.45	Pass	Vertical
3	208.9038	150	229	-70.32	-13.00	57.32	Pass	Vertical
4	398.2857	150	358	-74.04	-13.00	61.04	Pass	Vertical
5	600.0860	150	155	-68.71	-13.00	55.71	Pass	Vertical
6	742.5105	150	53	-56.79	-13.00	43.79	Pass	Vertical
7	1399.2399	150	164	-47.47	-13.00	34.47	Pass	Vertical
8	5075.0000	150	304	-50.82	-13.00	37.82	Pass	Vertical
9	7612.5000	150	288	-49.24	-13.00	36.24	Pass	Vertical
10	10150.0000	150	319	-44.42	-13.00	31.42	Pass	Vertical
11	11531.6766	150	152	-40.87	-13.00	27.87	Pass	Vertical
12	14079.5540	150	182	-39.18	-13.00	26.18	Pass	Vertical

Mode:	LTE Traffic							
Band:	41			Channel:		40090		
Remark:	15M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.3297	150	108	-76.98	-13.00	63.98	Pass	Horizontal
2	143.9008	150	172	-66.72	-13.00	53.72	Pass	Horizontal
3	334.8350	150	136	-73.86	-13.00	60.86	Pass	Horizontal
4	479.9760	150	172	-74.71	-13.00	61.71	Pass	Horizontal
5	600.0860	150	108	-68.02	-13.00	55.02	Pass	Horizontal
6	742.5105	150	256	-61.14	-13.00	48.14	Pass	Horizontal
7	1396.8397	150	14	-51.61	-13.00	38.61	Pass	Horizontal
8	3501.7751	150	274	-49.07	-13.00	36.07	Pass	Horizontal
9	5080.0000	150	74	-51.36	-13.00	38.36	Pass	Horizontal
10	7620.0000	150	105	-49.17	-13.00	36.17	Pass	Horizontal
11	10160.0000	150	336	-43.46	-13.00	30.46	Pass	Horizontal
12	14414.8207	150	288	-38.84	-13.00	25.84	Pass	Horizontal

Mode:	LTE Traffic							
Band:	41			Channel:		40090		
Remark:	15M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.2847	150	0	-64.01	-13.00	51.01	Pass	Vertical
2	152.0504	150	43	-69.84	-13.00	56.84	Pass	Vertical
3	208.9038	150	146	-70.87	-13.00	57.87	Pass	Vertical
4	334.8350	150	62	-74.13	-13.00	61.13	Pass	Vertical
5	600.0860	150	99	-68.65	-13.00	55.65	Pass	Vertical
6	742.5105	150	220	-56.21	-13.00	43.21	Pass	Vertical
7	1398.4398	150	80	-46.26	-13.00	33.26	Pass	Vertical
8	3189.7595	150	136	-43.89	-13.00	30.89	Pass	Vertical
9	5080.0000	150	30	-50.92	-13.00	37.92	Pass	Vertical
10	7620.0000	150	60	-48.68	-13.00	35.68	Pass	Vertical
11	10160.0000	150	274	-43.10	-13.00	30.10	Pass	Vertical
12	14049.5525	150	213	-39.63	-13.00	26.63	Pass	Vertical

Mode:	LTE Traffic							
Band:	41			Channel:		40115		
Remark:	20M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.5237	150	98	-75.87	-13.00	62.87	Pass	Horizontal
2	143.9008	150	191	-66.80	-13.00	53.80	Pass	Horizontal
3	320.0880	150	228	-76.03	-13.00	63.03	Pass	Horizontal
4	479.9760	150	331	-71.51	-13.00	58.51	Pass	Horizontal
5	600.0860	150	0	-67.84	-13.00	54.84	Pass	Horizontal
6	742.5105	150	331	-60.40	-13.00	47.40	Pass	Horizontal
7	1592.4592	150	61	-51.33	-13.00	38.33	Pass	Horizontal
8	3480.0240	150	289	-49.20	-13.00	36.20	Pass	Horizontal
9	5085.0000	150	75	-50.76	-13.00	37.76	Pass	Horizontal
10	7627.5000	150	351	-48.46	-13.00	35.46	Pass	Horizontal
11	10170.0000	150	197	-44.05	-13.00	31.05	Pass	Horizontal
12	15075.6038	150	320	-38.99	-13.00	25.99	Pass	Horizontal

Mode:	LTE Traffic							
Band:	41			Channel:		40115		
Remark:	20M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	57.9416	150	43	-63.83	-13.00	50.83	Pass	Vertical
2	152.0504	150	71	-70.29	-13.00	57.29	Pass	Vertical
3	208.9038	150	257	-70.49	-13.00	57.49	Pass	Vertical
4	398.8678	150	340	-74.61	-13.00	61.61	Pass	Vertical
5	599.8920	150	126	-67.86	-13.00	54.86	Pass	Vertical
6	742.5105	150	349	-58.47	-13.00	45.47	Pass	Vertical
7	1599.8600	150	24	-47.00	-13.00	34.00	Pass	Vertical
8	3519.7760	150	336	-49.34	-13.00	36.34	Pass	Vertical
9	5085.0000	150	105	-51.82	-13.00	38.82	Pass	Vertical
10	7627.5000	150	167	-48.59	-13.00	35.59	Pass	Vertical
11	10170.0000	150	306	-43.18	-13.00	30.18	Pass	Vertical
12	14014.3007	150	183	-38.79	-13.00	25.79	Pass	Vertical

Mode:	LTE Traffic							
Band:	41			Channel:		40620		
Remark:	5M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.3297	150	70	-77.10	-13.00	64.10	Pass	Horizontal
2	121.5863	150	228	-71.41	-13.00	58.41	Pass	Horizontal
3	143.9008	150	24	-66.93	-13.00	53.93	Pass	Horizontal
4	334.8350	150	70	-74.31	-13.00	61.31	Pass	Horizontal
5	600.0860	150	358	-69.68	-13.00	56.68	Pass	Horizontal
6	742.5105	150	0	-60.95	-13.00	47.95	Pass	Horizontal
7	1399.4399	150	5	-49.96	-13.00	36.96	Pass	Horizontal
8	3076.5038	150	288	-48.62	-13.00	35.62	Pass	Horizontal
9	5186.0000	150	335	-50.96	-13.00	37.96	Pass	Horizontal
10	7779.0000	150	360	-47.82	-13.00	34.82	Pass	Horizontal
11	10372.0000	150	182	-44.78	-13.00	31.78	Pass	Horizontal
12	14336.0668	150	90	-38.56	-13.00	25.56	Pass	Horizontal

Mode:	LTE Traffic							
Band:	41			Channel:		40620		
Remark:	5M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.2847	150	174	-63.68	-13.00	50.68	Pass	Vertical
2	90.1520	150	183	-76.46	-13.00	63.46	Pass	Vertical
3	152.0504	150	163	-70.18	-13.00	57.18	Pass	Vertical
4	208.9038	150	248	-70.66	-13.00	57.66	Pass	Vertical
5	499.7680	150	126	-74.22	-13.00	61.22	Pass	Vertical
6	742.5105	150	211	-56.79	-13.00	43.79	Pass	Vertical
7	1398.6399	150	136	-47.16	-13.00	34.16	Pass	Vertical
8	3198.0099	150	121	-47.55	-13.00	34.55	Pass	Vertical
9	5186.0000	150	304	-51.50	-13.00	38.50	Pass	Vertical
10	7779.0000	150	60	-47.90	-13.00	34.90	Pass	Vertical
11	10372.0000	150	197	-45.25	-13.00	32.25	Pass	Vertical
12	14112.5556	150	152	-39.41	-13.00	26.41	Pass	Vertical

Mode:	LTE Traffic							
Band:	41			Channel:		40620		
Remark:	10M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.3297	150	78	-76.84	-13.00	63.84	Pass	Horizontal
2	144.0948	150	181	-66.95	-13.00	53.95	Pass	Horizontal
3	334.8350	150	302	-73.99	-13.00	60.99	Pass	Horizontal
4	480.5581	150	116	-71.00	-13.00	58.00	Pass	Horizontal
5	600.0860	150	153	-70.50	-13.00	57.50	Pass	Horizontal
6	742.5105	150	358	-61.78	-13.00	48.78	Pass	Horizontal
7	1395.6396	150	13	-51.39	-13.00	38.39	Pass	Horizontal
8	3144.0072	150	92	-48.62	-13.00	35.62	Pass	Horizontal
9	5186.0000	150	92	-51.31	-13.00	38.31	Pass	Horizontal
10	7779.0000	150	137	-48.80	-13.00	35.80	Pass	Horizontal
11	10372.0000	150	308	-43.66	-13.00	30.66	Pass	Horizontal
12	15080.8540	150	15	-39.25	-13.00	26.25	Pass	Horizontal

Mode:	LTE Traffic							
Band:	41			Channel:		40620		
Remark:	10M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	57.9416	150	349	-63.92	-13.00	50.92	Pass	Vertical
2	152.0504	150	13	-70.62	-13.00	57.62	Pass	Vertical
3	208.9038	150	116	-71.25	-13.00	58.25	Pass	Vertical
4	375.0010	150	98	-74.15	-13.00	61.15	Pass	Vertical
5	599.8920	150	172	-68.66	-13.00	55.66	Pass	Vertical
6	742.5105	150	0	-59.62	-13.00	46.62	Pass	Vertical
7	1395.2395	150	135	-47.52	-13.00	34.52	Pass	Vertical
8	3184.5092	150	153	-45.20	-13.00	32.20	Pass	Vertical
9	5186.0000	150	30	-51.54	-13.00	38.54	Pass	Vertical
10	7779.0000	150	352	-48.37	-13.00	35.37	Pass	Vertical
11	10372.0000	150	75	-44.71	-13.00	31.71	Pass	Vertical
12	15058.3529	150	15	-39.14	-13.00	26.14	Pass	Vertical

Mode:	LTE Traffic							
Band:	41			Channel:		40620		
Remark:	15M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.1356	150	256	-77.01	-13.00	64.01	Pass	Horizontal
2	120.0340	150	172	-74.48	-13.00	61.48	Pass	Horizontal
3	143.9008	150	172	-67.27	-13.00	54.27	Pass	Horizontal
4	270.0260	150	322	-76.56	-13.00	63.56	Pass	Horizontal
5	480.1700	150	116	-70.83	-13.00	57.83	Pass	Horizontal
6	742.5105	150	256	-60.79	-13.00	47.79	Pass	Horizontal
7	1592.8593	150	153	-51.00	-13.00	38.00	Pass	Horizontal
8	3168.0084	150	16	-48.75	-13.00	35.75	Pass	Horizontal
9	5186.0000	150	229	-51.53	-13.00	38.53	Pass	Horizontal
10	7779.0000	150	338	-47.50	-13.00	34.50	Pass	Horizontal
11	10372.0000	150	260	-44.78	-13.00	31.78	Pass	Horizontal
12	14918.8459	150	91	-38.88	-13.00	25.88	Pass	Horizontal

Mode:	LTE Traffic							
Band:	41			Channel:		40620		
Remark:	15M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.4787	150	98	-63.13	-13.00	50.13	Pass	Vertical
2	152.0504	150	172	-69.88	-13.00	56.88	Pass	Vertical
3	208.9038	150	256	-70.89	-13.00	57.89	Pass	Vertical
4	399.4499	150	87	-73.45	-13.00	60.45	Pass	Vertical
5	600.0860	150	349	-69.26	-13.00	56.26	Pass	Vertical
6	742.5105	150	293	-57.76	-13.00	44.76	Pass	Vertical
7	1398.8399	150	107	-46.78	-13.00	33.78	Pass	Vertical
8	3192.7596	150	153	-44.52	-13.00	31.52	Pass	Vertical
9	5186.0000	150	215	-50.09	-13.00	37.09	Pass	Vertical
10	7779.0000	150	322	-46.46	-13.00	33.46	Pass	Vertical
11	10372.0000	150	92	-43.31	-13.00	30.31	Pass	Vertical
12	14105.8053	150	246	-39.49	-13.00	26.49	Pass	Vertical

Mode:	LTE Traffic							
Band:	41			Channel:		40620		
Remark:	20M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.5237	150	98	-75.69	-13.00	62.69	Pass	Horizontal
2	143.9008	150	340	-67.66	-13.00	54.66	Pass	Horizontal
3	375.0010	150	358	-75.68	-13.00	62.68	Pass	Horizontal
4	479.3939	150	88	-74.61	-13.00	61.61	Pass	Horizontal
5	742.5105	150	6	-62.91	-13.00	49.91	Pass	Horizontal
6	890.9502	150	237	-67.03	-13.00	54.03	Pass	Horizontal
7	1593.6594	150	52	-51.27	-13.00	38.27	Pass	Horizontal
8	3590.2795	150	30	-49.48	-13.00	36.48	Pass	Horizontal
9	5186.0000	150	349	-51.49	-13.00	38.49	Pass	Horizontal
10	7779.0000	150	304	-46.60	-13.00	33.60	Pass	Horizontal
11	10372.0000	150	166	-44.64	-13.00	31.64	Pass	Horizontal
12	15062.1031	150	152	-39.31	-13.00	26.31	Pass	Horizontal

Mode:	LTE Traffic							
Band:	41			Channel:		40620		
Remark:	20M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.2847	150	61	-63.78	-13.00	50.78	Pass	Vertical
2	152.0504	150	126	-70.48	-13.00	57.48	Pass	Vertical
3	208.9038	150	266	-71.12	-13.00	58.12	Pass	Vertical
4	311.9384	150	349	-75.29	-13.00	62.29	Pass	Vertical
5	399.8380	150	42	-72.94	-13.00	59.94	Pass	Vertical
6	742.5105	150	0	-59.99	-13.00	46.99	Pass	Vertical
7	1399.6400	150	79	-46.95	-13.00	33.95	Pass	Vertical
8	3195.0098	150	153	-46.05	-13.00	33.05	Pass	Vertical
9	5186.0000	150	122	-51.23	-13.00	38.23	Pass	Vertical
10	7779.0000	150	183	-47.08	-13.00	34.08	Pass	Vertical
11	10372.0000	150	15	-44.78	-13.00	31.78	Pass	Vertical
12	14510.8255	150	244	-39.33	-13.00	26.33	Pass	Vertical

Mode:	LTE Traffic							
Band:	41			Channel:		41240		
Remark:	5M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.3297	150	24	-78.09	-13.00	65.09	Pass	Horizontal
2	144.0948	150	173	-66.29	-13.00	53.29	Pass	Horizontal
3	334.8350	150	79	-73.81	-13.00	60.81	Pass	Horizontal
4	600.0860	150	294	-68.79	-13.00	55.79	Pass	Horizontal
5	742.5105	150	182	-61.84	-13.00	48.84	Pass	Horizontal
6	893.0846	150	61	-63.38	-13.00	50.38	Pass	Horizontal
7	1400.0400	150	33	-51.41	-13.00	38.41	Pass	Horizontal
8	3588.0294	150	136	-49.25	-13.00	36.25	Pass	Horizontal
9	5310.0000	150	105	-52.07	-13.00	39.07	Pass	Horizontal
10	7965.0000	150	289	-46.98	-13.00	33.98	Pass	Horizontal
11	10620.0000	150	244	-45.38	-13.00	32.38	Pass	Horizontal
12	14340.5670	150	275	-39.32	-13.00	26.32	Pass	Horizontal

Mode:	LTE Traffic							
Band:	41			Channel:		41240		
Remark:	5M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.4787	150	257	-63.81	-13.00	50.81	Pass	Vertical
2	152.0504	150	34	-69.70	-13.00	56.70	Pass	Vertical
3	208.9038	150	229	-70.67	-13.00	57.67	Pass	Vertical
4	398.2857	150	52	-72.80	-13.00	59.80	Pass	Vertical
5	742.5105	150	126	-58.15	-13.00	45.15	Pass	Vertical
6	898.1296	150	52	-63.58	-13.00	50.58	Pass	Vertical
7	1396.4396	150	80	-48.13	-13.00	35.13	Pass	Vertical
8	3188.2594	150	121	-47.88	-13.00	34.88	Pass	Vertical
9	5310.0000	150	353	-52.27	-13.00	39.27	Pass	Vertical
10	7965.0000	150	198	-46.89	-13.00	33.89	Pass	Vertical
11	10620.0000	150	91	-44.60	-13.00	31.60	Pass	Vertical
12	14066.0533	150	277	-39.49	-13.00	26.49	Pass	Vertical

Mode:	LTE Traffic							
Band:	41			Channel:		41215		
Remark:	10M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.5237	150	98	-76.80	-13.00	63.80	Pass	Horizontal
2	144.0948	150	5	-66.95	-13.00	53.95	Pass	Horizontal
3	334.8350	150	358	-73.61	-13.00	60.61	Pass	Horizontal
4	479.9760	150	125	-75.22	-13.00	62.22	Pass	Horizontal
5	742.5105	150	302	-61.94	-13.00	48.94	Pass	Horizontal
6	895.9952	150	340	-65.63	-13.00	52.63	Pass	Horizontal
7	1398.6399	150	51	-50.82	-13.00	37.82	Pass	Horizontal
8	3585.7793	150	246	-49.56	-13.00	36.56	Pass	Horizontal
9	5305.0000	150	260	-51.97	-13.00	38.97	Pass	Horizontal
10	7957.5000	150	277	-46.69	-13.00	33.69	Pass	Horizontal
11	10610.0000	150	61	-44.72	-13.00	31.72	Pass	Horizontal
12	14532.5766	150	308	-39.21	-13.00	26.21	Pass	Horizontal

Mode:	LTE Traffic							
Band:	41			Channel:		41215		
Remark:	10M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.1356	150	219	-63.49	-13.00	50.49	Pass	Vertical
2	152.0504	150	199	-70.86	-13.00	57.86	Pass	Vertical
3	208.9038	150	265	-70.77	-13.00	57.77	Pass	Vertical
4	399.0618	150	107	-74.75	-13.00	61.75	Pass	Vertical
5	742.5105	150	247	-58.14	-13.00	45.14	Pass	Vertical
6	890.9502	150	331	-66.63	-13.00	53.63	Pass	Vertical
7	1395.2395	150	135	-46.51	-13.00	33.51	Pass	Vertical
8	3811.5406	150	30	-49.77	-13.00	36.77	Pass	Vertical
9	5305.0000	150	215	-52.21	-13.00	39.21	Pass	Vertical
10	7957.5000	150	61	-47.16	-13.00	34.16	Pass	Vertical
11	10610.0000	150	184	-44.75	-13.00	31.75	Pass	Vertical
12	14247.5624	150	229	-39.76	-13.00	26.76	Pass	Vertical

Mode:	LTE Traffic							
Band:	41			Channel:		41190		
Remark:	15M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.3297	150	256	-76.53	-13.00	63.53	Pass	Horizontal
2	120.0340	150	199	-73.20	-13.00	60.20	Pass	Horizontal
3	143.9008	150	32	-65.10	-13.00	52.10	Pass	Horizontal
4	334.8350	150	284	-73.72	-13.00	60.72	Pass	Horizontal
5	742.5105	150	153	-59.00	-13.00	46.00	Pass	Horizontal
6	897.5475	150	218	-66.65	-13.00	53.65	Pass	Horizontal
7	1398.8399	150	4	-51.43	-13.00	38.43	Pass	Horizontal
8	3576.7788	150	322	-49.10	-13.00	36.10	Pass	Horizontal
9	5300.0000	150	61	-51.84	-13.00	38.84	Pass	Horizontal
10	7950.0000	150	167	-47.57	-13.00	34.57	Pass	Horizontal
11	10600.0000	150	308	-45.02	-13.00	32.02	Pass	Horizontal
12	15042.6021	150	137	-39.27	-13.00	26.27	Pass	Horizontal

Mode:	LTE Traffic							
Band:	41			Channel:		41190		
Remark:	15M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.2847	150	340	-62.91	-13.00	49.91	Pass	Vertical
2	152.0504	150	162	-70.16	-13.00	57.16	Pass	Vertical
3	208.9038	150	284	-70.90	-13.00	57.90	Pass	Vertical
4	375.0010	150	124	-76.02	-13.00	63.02	Pass	Vertical
5	742.5105	150	40	-56.04	-13.00	43.04	Pass	Vertical
6	892.8906	150	106	-60.41	-13.00	47.41	Pass	Vertical
7	1397.4397	150	134	-46.78	-13.00	33.78	Pass	Vertical
8	4218.0609	150	306	-49.51	-13.00	36.51	Pass	Vertical
9	5300.0000	150	244	-50.82	-13.00	37.82	Pass	Vertical
10	7950.0000	150	61	-46.86	-13.00	33.86	Pass	Vertical
11	10600.0000	150	30	-44.51	-13.00	31.51	Pass	Vertical
12	14096.8048	150	337	-39.18	-13.00	26.18	Pass	Vertical

Mode:	LTE Traffic							
Band:	41			Channel:		41165		
Remark:	20M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.1356	150	349	-77.65	-13.00	64.65	Pass	Horizontal
2	120.0340	150	200	-72.85	-13.00	59.85	Pass	Horizontal
3	143.9008	150	13	-66.11	-13.00	53.11	Pass	Horizontal
4	334.8350	150	69	-74.24	-13.00	61.24	Pass	Horizontal
5	742.5105	150	331	-60.41	-13.00	47.41	Pass	Horizontal
6	897.5475	150	200	-64.83	-13.00	51.83	Pass	Horizontal
7	1381.8382	150	107	-47.80	-13.00	34.80	Pass	Horizontal
8	3577.5289	150	291	-49.09	-13.00	36.09	Pass	Horizontal
9	5295.0000	150	230	-50.85	-13.00	37.85	Pass	Horizontal
10	7942.5000	150	339	-47.64	-13.00	34.64	Pass	Horizontal
11	10590.0000	150	92	-45.01	-13.00	32.01	Pass	Horizontal
12	15065.8533	150	137	-39.18	-13.00	26.18	Pass	Horizontal

Mode:	LTE Traffic							
Band:	41			Channel:		41165		
Remark:	20M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	57.9416	150	322	-64.10	-13.00	51.10	Pass	Vertical
2	152.0504	150	136	-69.88	-13.00	56.88	Pass	Vertical
3	208.9038	150	173	-71.05	-13.00	58.05	Pass	Vertical
4	399.8380	150	24	-73.62	-13.00	60.62	Pass	Vertical
5	742.5105	150	349	-57.64	-13.00	44.64	Pass	Vertical
6	897.7415	150	144	-61.70	-13.00	48.70	Pass	Vertical
7	1399.2399	150	136	-46.57	-13.00	33.57	Pass	Vertical
8	3184.5092	150	246	-47.25	-13.00	34.25	Pass	Vertical
9	5295.0000	150	199	-51.77	-13.00	38.77	Pass	Vertical
10	7942.5000	150	61	-47.39	-13.00	34.39	Pass	Vertical
11	10590.0000	150	353	-43.85	-13.00	30.85	Pass	Vertical
12	14226.5613	150	106	-39.08	-13.00	26.08	Pass	Vertical

16QAM

Mode:	LTE Traffic							
Band:	41			Channel:		40040		
Remark:	5M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.7177	150	88	-76.51	-13.00	63.51	Pass	Horizontal
2	144.0948	150	0	-67.00	-13.00	54.00	Pass	Horizontal
3	360.0600	150	79	-74.08	-13.00	61.08	Pass	Horizontal
4	600.0860	150	349	-68.41	-13.00	55.41	Pass	Horizontal
5	742.5105	150	294	-59.82	-13.00	46.82	Pass	Horizontal
6	879.6959	150	265	-66.60	-13.00	53.60	Pass	Horizontal
7	1397.0397	150	60	-52.11	-13.00	39.11	Pass	Horizontal
8	3592.5296	150	335	-49.25	-13.00	36.25	Pass	Horizontal
9	5070.0000	150	243	-50.24	-13.00	37.24	Pass	Horizontal
10	7605.0000	150	349	-48.15	-13.00	35.15	Pass	Horizontal
11	10140.0000	150	182	-43.89	-13.00	30.89	Pass	Horizontal
12	14918.0959	150	152	-38.24	-13.00	25.24	Pass	Horizontal

Mode:	LTE Traffic							
Band:	41			Channel:		40040		
Remark:	5M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.1356	150	0	-61.77	-13.00	48.77	Pass	Vertical
2	152.0504	150	154	-70.37	-13.00	57.37	Pass	Vertical
3	208.9038	150	257	-69.93	-13.00	56.93	Pass	Vertical
4	600.0860	150	285	-67.79	-13.00	54.79	Pass	Vertical
5	742.5105	150	220	-56.38	-13.00	43.38	Pass	Vertical
6	908.0256	150	117	-60.55	-13.00	47.55	Pass	Vertical
7	1399.0399	150	126	-46.98	-13.00	33.98	Pass	Vertical
8	3192.0096	150	166	-47.08	-13.00	34.08	Pass	Vertical
9	5070.0000	150	74	-50.61	-13.00	37.61	Pass	Vertical
10	7605.0000	150	135	-48.72	-13.00	35.72	Pass	Vertical
11	10140.0000	150	44	-43.72	-13.00	30.72	Pass	Vertical
12	14042.8021	150	243	-39.38	-13.00	26.38	Pass	Vertical

Mode:	LTE Traffic							
Band:	41			Channel:		40065		
Remark:	10M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.1356	150	284	-77.32	-13.00	64.32	Pass	Horizontal
2	143.9008	150	0	-65.97	-13.00	52.97	Pass	Horizontal
3	375.0010	150	0	-75.36	-13.00	62.36	Pass	Horizontal
4	478.4237	150	172	-73.53	-13.00	60.53	Pass	Horizontal
5	599.8920	150	172	-68.44	-13.00	55.44	Pass	Horizontal
6	742.5105	150	79	-61.96	-13.00	48.96	Pass	Horizontal
7	1399.4399	150	33	-52.09	-13.00	39.09	Pass	Horizontal
8	3013.5007	150	334	-48.35	-13.00	35.35	Pass	Horizontal
9	5075.0000	150	243	-50.60	-13.00	37.60	Pass	Horizontal
10	7612.5000	150	44	-49.12	-13.00	36.12	Pass	Horizontal
11	10150.0000	150	243	-44.16	-13.00	31.16	Pass	Horizontal
12	13913.7957	150	121	-38.80	-13.00	25.80	Pass	Horizontal

Mode:	LTE Traffic							
Band:	41			Channel:		40065		
Remark:	10M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.1356	150	63	-63.05	-13.00	50.05	Pass	Vertical
2	152.0504	150	16	-70.20	-13.00	57.20	Pass	Vertical
3	199.9780	150	35	-69.73	-13.00	56.73	Pass	Vertical
4	398.6737	150	35	-71.72	-13.00	58.72	Pass	Vertical
5	600.0860	150	358	-68.24	-13.00	55.24	Pass	Vertical
6	742.5105	150	349	-58.21	-13.00	45.21	Pass	Vertical
7	1398.6399	150	127	-47.43	-13.00	34.43	Pass	Vertical
8	3192.0096	150	152	-44.91	-13.00	31.91	Pass	Vertical
9	5075.0000	150	136	-50.84	-13.00	37.84	Pass	Vertical
10	7612.5000	150	360	-47.98	-13.00	34.98	Pass	Vertical
11	10150.0000	150	288	-43.45	-13.00	30.45	Pass	Vertical
12	14406.5703	150	30	-39.39	-13.00	26.39	Pass	Vertical

Mode:	LTE Traffic							
Band:	41			Channel:		40090		
Remark:	15M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.1356	150	71	-76.98	-13.00	63.98	Pass	Horizontal
2	143.9008	150	154	-65.73	-13.00	52.73	Pass	Horizontal
3	360.0600	150	62	-75.52	-13.00	62.52	Pass	Horizontal
4	480.1700	150	164	-74.32	-13.00	61.32	Pass	Horizontal
5	600.0860	150	126	-68.70	-13.00	55.70	Pass	Horizontal
6	742.5105	150	312	-59.06	-13.00	46.06	Pass	Horizontal
7	1393.8394	150	238	-51.31	-13.00	38.31	Pass	Horizontal
8	3887.2944	150	244	-50.04	-13.00	37.04	Pass	Horizontal
9	5080.0000	150	305	-50.72	-13.00	37.72	Pass	Horizontal
10	7620.0000	150	336	-48.36	-13.00	35.36	Pass	Horizontal
11	10160.0000	150	91	-44.91	-13.00	31.91	Pass	Horizontal
12	14123.8062	150	350	-38.87	-13.00	25.87	Pass	Horizontal

Mode:	LTE Traffic							
Band:	41			Channel:		40090		
Remark:	15M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.1356	150	349	-63.32	-13.00	50.32	Pass	Vertical
2	152.0504	150	182	-70.38	-13.00	57.38	Pass	Vertical
3	208.9038	150	247	-70.76	-13.00	57.76	Pass	Vertical
4	375.0010	150	115	-75.52	-13.00	62.52	Pass	Vertical
5	600.0860	150	312	-67.85	-13.00	54.85	Pass	Vertical
6	742.5105	150	50	-56.06	-13.00	43.06	Pass	Vertical
7	1399.0399	150	125	-46.75	-13.00	33.75	Pass	Vertical
8	3198.0099	150	152	-43.98	-13.00	30.98	Pass	Vertical
9	5080.0000	150	2	-50.47	-13.00	37.47	Pass	Vertical
10	7620.0000	150	152	-49.03	-13.00	36.03	Pass	Vertical
11	10160.0000	150	182	-43.30	-13.00	30.30	Pass	Vertical
12	14966.0983	150	44	-38.85	-13.00	25.85	Pass	Vertical

Mode:	LTE Traffic							
Band:	41			Channel:		40115		
Remark:	20M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.1356	150	90	-76.46	-13.00	63.46	Pass	Horizontal
2	120.0340	150	192	-73.98	-13.00	60.98	Pass	Horizontal
3	143.9008	150	340	-66.65	-13.00	53.65	Pass	Horizontal
4	375.0010	150	25	-74.60	-13.00	61.60	Pass	Horizontal
5	600.0860	150	358	-68.20	-13.00	55.20	Pass	Horizontal
6	742.5105	150	0	-58.80	-13.00	45.80	Pass	Horizontal
7	1303.8304	150	322	-52.41	-13.00	39.41	Pass	Horizontal
8	3576.0288	150	182	-48.82	-13.00	35.82	Pass	Horizontal
9	5085.0000	150	182	-51.01	-13.00	38.01	Pass	Horizontal
10	7627.5000	150	135	-47.73	-13.00	34.73	Pass	Horizontal
11	10170.0000	150	135	-43.43	-13.00	30.43	Pass	Horizontal
12	14918.8459	150	319	-38.94	-13.00	25.94	Pass	Horizontal

Mode:	LTE Traffic							
Band:	41			Channel:		40115		
Remark:	20M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.1356	150	275	-63.46	-13.00	50.46	Pass	Vertical
2	152.0504	150	126	-69.55	-13.00	56.55	Pass	Vertical
3	208.9038	150	265	-70.21	-13.00	57.21	Pass	Vertical
4	600.0860	150	358	-67.91	-13.00	54.91	Pass	Vertical
5	742.5105	150	340	-55.93	-13.00	42.93	Pass	Vertical
6	907.8316	150	302	-63.88	-13.00	50.88	Pass	Vertical
7	1304.8305	150	62	-42.99	-13.00	29.99	Pass	Vertical
8	3188.2594	150	152	-44.78	-13.00	31.78	Pass	Vertical
9	5085.0000	150	274	-51.39	-13.00	38.39	Pass	Vertical
10	7627.5000	150	166	-47.07	-13.00	34.07	Pass	Vertical
11	10170.0000	150	121	-44.26	-13.00	31.26	Pass	Vertical
12	14488.3244	150	319	-38.68	-13.00	25.68	Pass	Vertical

Mode:	LTE Traffic							
Band:	41			Channel:		40620		
Remark:	5M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.5237	150	62	-77.65	-13.00	64.65	Pass	Horizontal
2	144.0948	150	182	-67.01	-13.00	54.01	Pass	Horizontal
3	375.0010	150	6	-73.67	-13.00	60.67	Pass	Horizontal
4	479.9760	150	80	-74.46	-13.00	61.46	Pass	Horizontal
5	600.0860	150	358	-69.97	-13.00	56.97	Pass	Horizontal
6	742.5105	150	331	-60.53	-13.00	47.53	Pass	Horizontal
7	1399.8400	150	15	-49.69	-13.00	36.69	Pass	Horizontal
8	5186.0000	150	289	-50.41	-13.00	37.41	Pass	Horizontal
9	7779.0000	150	60	-48.01	-13.00	35.01	Pass	Horizontal
10	10372.0000	150	244	-44.29	-13.00	31.29	Pass	Horizontal
11	13569.5285	150	350	-40.01	-13.00	27.01	Pass	Horizontal
12	17550.7275	150	289	-38.21	-13.00	25.21	Pass	Horizontal

Mode:	LTE Traffic							
Band:	41			Channel:		40620		
Remark:	5M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.4787	150	173	-63.33	-13.00	50.33	Pass	Vertical
2	152.0504	150	25	-70.72	-13.00	57.72	Pass	Vertical
3	208.9038	150	108	-71.23	-13.00	58.23	Pass	Vertical
4	398.6737	150	25	-73.51	-13.00	60.51	Pass	Vertical
5	600.0860	150	43	-69.87	-13.00	56.87	Pass	Vertical
6	742.5105	150	154	-58.29	-13.00	45.29	Pass	Vertical
7	1399.2399	150	126	-46.51	-13.00	33.51	Pass	Vertical
8	3606.0303	150	304	-49.21	-13.00	36.21	Pass	Vertical
9	5186.0000	150	257	-51.64	-13.00	38.64	Pass	Vertical
10	7779.0000	150	212	-47.44	-13.00	34.44	Pass	Vertical
11	10372.0000	150	104	-43.82	-13.00	30.82	Pass	Vertical
12	15077.8539	150	227	-39.28	-13.00	26.28	Pass	Vertical

Mode:	LTE Traffic							
Band:	41			Channel:		40620		
Remark:	10M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.1356	150	311	-76.85	-13.00	63.85	Pass	Horizontal
2	143.9008	150	173	-67.26	-13.00	54.26	Pass	Horizontal
3	334.8350	150	88	-74.98	-13.00	61.98	Pass	Horizontal
4	600.0860	150	311	-70.02	-13.00	57.02	Pass	Horizontal
5	742.5105	150	349	-61.53	-13.00	48.53	Pass	Horizontal
6	879.6959	150	293	-68.72	-13.00	55.72	Pass	Horizontal
7	1597.8598	150	51	-52.08	-13.00	39.08	Pass	Horizontal
8	3588.7794	150	167	-49.26	-13.00	36.26	Pass	Horizontal
9	5186.0000	150	259	-51.56	-13.00	38.56	Pass	Horizontal
10	7779.0000	150	16	-46.66	-13.00	33.66	Pass	Horizontal
11	10372.0000	150	30	-45.20	-13.00	32.20	Pass	Horizontal
12	14147.0574	150	30	-39.20	-13.00	26.20	Pass	Horizontal

Mode:	LTE Traffic							
Band:	41			Channel:		40620		
Remark:	10M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.2847	150	266	-64.04	-13.00	51.04	Pass	Vertical
2	152.0504	150	0	-70.30	-13.00	57.30	Pass	Vertical
3	208.9038	150	266	-70.97	-13.00	57.97	Pass	Vertical
4	398.4797	150	43	-74.52	-13.00	61.52	Pass	Vertical
5	600.0860	150	183	-69.92	-13.00	56.92	Pass	Vertical
6	742.5105	150	220	-58.80	-13.00	45.80	Pass	Vertical
7	1397.8398	150	155	-46.92	-13.00	33.92	Pass	Vertical
8	3206.2603	150	350	-48.27	-13.00	35.27	Pass	Vertical
9	5186.0000	150	74	-52.10	-13.00	39.10	Pass	Vertical
10	7779.0000	150	152	-47.78	-13.00	34.78	Pass	Vertical
11	10372.0000	150	44	-43.76	-13.00	30.76	Pass	Vertical
12	13859.7930	150	244	-39.33	-13.00	26.33	Pass	Vertical

Mode:	LTE Traffic							
Band:	41			Channel:		40620		
Remark:	15M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.5237	150	121	-77.00	-13.00	64.00	Pass	Horizontal
2	120.0340	150	177	-73.05	-13.00	60.05	Pass	Horizontal
3	144.0948	150	177	-66.53	-13.00	53.53	Pass	Horizontal
4	334.8350	150	149	-73.21	-13.00	60.21	Pass	Horizontal
5	600.0860	150	75	-69.90	-13.00	56.90	Pass	Horizontal
6	742.5105	150	66	-62.21	-13.00	49.21	Pass	Horizontal
7	1398.0398	150	214	-49.87	-13.00	36.87	Pass	Horizontal
8	5186.0000	150	152	-51.23	-13.00	38.23	Pass	Horizontal
9	7779.0000	150	44	-47.20	-13.00	34.20	Pass	Horizontal
10	10372.0000	150	74	-43.87	-13.00	30.87	Pass	Horizontal
11	11677.1839	150	166	-41.32	-13.00	28.32	Pass	Horizontal
12	17545.4773	150	336	-37.59	-13.00	24.59	Pass	Horizontal

Mode:	LTE Traffic							
Band:	41			Channel:		40620		
Remark:	15M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.4787	150	6	-63.43	-13.00	50.43	Pass	Vertical
2	152.0504	150	108	-69.90	-13.00	56.90	Pass	Vertical
3	208.9038	150	238	-71.29	-13.00	58.29	Pass	Vertical
4	399.8380	150	303	-75.28	-13.00	62.28	Pass	Vertical
5	559.1438	150	163	-68.94	-13.00	55.94	Pass	Vertical
6	742.5105	150	349	-58.73	-13.00	45.73	Pass	Vertical
7	1398.8399	150	136	-46.58	-13.00	33.58	Pass	Vertical
8	3578.2789	150	197	-49.16	-13.00	36.16	Pass	Vertical
9	5186.0000	150	290	-51.45	-13.00	38.45	Pass	Vertical
10	7779.0000	150	244	-47.89	-13.00	34.89	Pass	Vertical
11	10372.0000	150	290	-44.43	-13.00	31.43	Pass	Vertical
12	14388.5694	150	91	-38.82	-13.00	25.82	Pass	Vertical

Mode:	LTE Traffic							
Band:	41			Channel:		40620		
Remark:	20M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.7177	150	236	-77.39	-13.00	64.39	Pass	Horizontal
2	143.9008	150	190	-66.86	-13.00	53.86	Pass	Horizontal
3	375.0010	150	0	-75.57	-13.00	62.57	Pass	Horizontal
4	479.9760	150	162	-75.32	-13.00	62.32	Pass	Horizontal
5	600.0860	150	274	-69.46	-13.00	56.46	Pass	Horizontal
6	742.5105	150	97	-62.41	-13.00	49.41	Pass	Horizontal
7	1395.4395	150	12	-51.42	-13.00	38.42	Pass	Horizontal
8	3152.2576	150	306	-48.22	-13.00	35.22	Pass	Horizontal
9	5186.0000	150	197	-50.67	-13.00	37.67	Pass	Horizontal
10	7779.0000	150	306	-47.60	-13.00	34.60	Pass	Horizontal
11	10372.0000	150	258	-44.19	-13.00	31.19	Pass	Horizontal
12	14175.5588	150	122	-38.93	-13.00	25.93	Pass	Horizontal

Mode:	LTE Traffic							
Band:	41			Channel:		40620		
Remark:	20M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.6727	150	117	-63.21	-13.00	50.21	Pass	Vertical
2	152.0504	150	163	-70.47	-13.00	57.47	Pass	Vertical
3	208.9038	150	256	-70.71	-13.00	57.71	Pass	Vertical
4	422.9286	150	42	-76.60	-13.00	63.60	Pass	Vertical
5	599.8920	150	24	-68.10	-13.00	55.10	Pass	Vertical
6	742.5105	150	0	-58.82	-13.00	45.82	Pass	Vertical
7	1399.6400	150	136	-45.95	-13.00	32.95	Pass	Vertical
8	3189.0095	150	152	-46.09	-13.00	33.09	Pass	Vertical
9	5186.0000	150	318	-51.20	-13.00	38.20	Pass	Vertical
10	7779.0000	150	288	-46.70	-13.00	33.70	Pass	Vertical
11	10372.0000	150	349	-44.93	-13.00	31.93	Pass	Vertical
12	13974.5487	150	349	-39.27	-13.00	26.27	Pass	Vertical

Mode:	LTE Traffic							
Band:	41			Channel:		41240		
Remark:	5M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.3297	150	132	-76.98	-13.00	63.98	Pass	Horizontal
2	143.9008	150	169	-66.43	-13.00	53.43	Pass	Horizontal
3	334.8350	150	262	-75.06	-13.00	62.06	Pass	Horizontal
4	480.1700	150	328	-72.81	-13.00	59.81	Pass	Horizontal
5	600.0860	150	76	-68.11	-13.00	55.11	Pass	Horizontal
6	742.5105	150	11	-61.52	-13.00	48.52	Pass	Horizontal
7	1399.6400	150	243	-51.80	-13.00	38.80	Pass	Horizontal
8	3531.7766	150	122	-49.31	-13.00	36.31	Pass	Horizontal
9	5310.0000	150	320	-51.40	-13.00	38.40	Pass	Horizontal
10	7965.0000	150	320	-47.25	-13.00	34.25	Pass	Horizontal
11	10620.0000	150	44	-44.33	-13.00	31.33	Pass	Horizontal
12	14498.8249	150	244	-39.15	-13.00	26.15	Pass	Horizontal

Mode:	LTE Traffic							
Band:	41			Channel:		41240		
Remark:	5M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.4787	150	322	-63.49	-13.00	50.49	Pass	Vertical
2	152.0504	150	0	-70.35	-13.00	57.35	Pass	Vertical
3	208.9038	150	266	-70.75	-13.00	57.75	Pass	Vertical
4	300.1020	150	15	-72.39	-13.00	59.39	Pass	Vertical
5	742.5105	150	89	-59.43	-13.00	46.43	Pass	Vertical
6	890.9502	150	266	-64.66	-13.00	51.66	Pass	Vertical
7	1397.2397	150	108	-46.73	-13.00	33.73	Pass	Vertical
8	3193.5097	150	172	-46.34	-13.00	33.34	Pass	Vertical
9	5310.0000	150	127	-52.08	-13.00	39.08	Pass	Vertical
10	7965.0000	150	233	-47.30	-13.00	34.30	Pass	Vertical
11	10620.0000	150	188	-44.84	-13.00	31.84	Pass	Vertical
12	15063.6032	150	80	-39.46	-13.00	26.46	Pass	Vertical

Mode:	LTE Traffic							
Band:	41			Channel:		41215		
Remark:	10M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	57.5535	150	52	-77.37	-13.00	64.37	Pass	Horizontal
2	143.9008	150	183	-67.29	-13.00	54.29	Pass	Horizontal
3	334.8350	150	90	-73.02	-13.00	60.02	Pass	Horizontal
4	478.6177	150	155	-73.80	-13.00	60.80	Pass	Horizontal
5	600.0860	150	164	-68.96	-13.00	55.96	Pass	Horizontal
6	742.5105	150	220	-61.71	-13.00	48.71	Pass	Horizontal
7	1399.2399	150	6	-50.56	-13.00	37.56	Pass	Horizontal
8	3555.7778	150	244	-49.82	-13.00	36.82	Pass	Horizontal
9	5305.0000	150	91	-51.39	-13.00	38.39	Pass	Horizontal
10	7957.5000	150	289	-46.07	-13.00	33.07	Pass	Horizontal
11	10610.0000	150	136	-45.52	-13.00	32.52	Pass	Horizontal
12	15055.3528	150	258	-38.73	-13.00	25.73	Pass	Horizontal

Mode:	LTE Traffic							
Band:	41			Channel:		41215		
Remark:	10M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	57.9416	150	109	-63.86	-13.00	50.86	Pass	Vertical
2	152.0504	150	174	-70.91	-13.00	57.91	Pass	Vertical
3	208.9038	150	100	-71.03	-13.00	58.03	Pass	Vertical
4	599.8920	150	118	-68.73	-13.00	55.73	Pass	Vertical
5	742.5105	150	183	-59.15	-13.00	46.15	Pass	Vertical
6	890.9502	150	211	-66.81	-13.00	53.81	Pass	Vertical
7	1397.6398	150	127	-45.90	-13.00	32.90	Pass	Vertical
8	3186.7593	150	274	-48.66	-13.00	35.66	Pass	Vertical
9	5305.0000	150	319	-51.19	-13.00	38.19	Pass	Vertical
10	7957.5000	150	197	-47.35	-13.00	34.35	Pass	Vertical
11	10610.0000	150	336	-44.95	-13.00	31.95	Pass	Vertical
12	13961.7981	150	336	-39.21	-13.00	26.21	Pass	Vertical

Mode:	LTE Traffic							
Band:	41			Channel:		41190		
Remark:	15M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.3297	150	69	-76.20	-13.00	63.20	Pass	Horizontal
2	143.9008	150	31	-66.54	-13.00	53.54	Pass	Horizontal
3	334.8350	150	3	-74.89	-13.00	61.89	Pass	Horizontal
4	479.5879	150	190	-72.91	-13.00	59.91	Pass	Horizontal
5	599.8920	150	322	-69.44	-13.00	56.44	Pass	Horizontal
6	742.5105	150	219	-60.52	-13.00	47.52	Pass	Horizontal
7	1399.2399	150	12	-51.61	-13.00	38.61	Pass	Horizontal
8	3546.0273	150	137	-49.31	-13.00	36.31	Pass	Horizontal
9	5300.0000	150	168	-51.87	-13.00	38.87	Pass	Horizontal
10	7950.0000	150	168	-47.68	-13.00	34.68	Pass	Horizontal
11	10600.0000	150	137	-44.78	-13.00	31.78	Pass	Horizontal
12	15054.6027	150	340	-39.00	-13.00	26.00	Pass	Horizontal

Mode:	LTE Traffic							
Band:	41			Channel:		41190		
Remark:	15M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.2847	150	330	-63.03	-13.00	50.03	Pass	Vertical
2	152.0504	150	172	-70.50	-13.00	57.50	Pass	Vertical
3	208.9038	150	284	-71.71	-13.00	58.71	Pass	Vertical
4	600.0860	150	116	-69.09	-13.00	56.09	Pass	Vertical
5	742.5105	150	50	-58.78	-13.00	45.78	Pass	Vertical
6	897.5475	150	322	-61.58	-13.00	48.58	Pass	Vertical
7	1393.2393	150	153	-43.37	-13.00	30.37	Pass	Vertical
8	3186.7593	150	154	-44.55	-13.00	31.55	Pass	Vertical
9	5300.0000	150	168	-52.62	-13.00	39.62	Pass	Vertical
10	7950.0000	150	339	-46.87	-13.00	33.87	Pass	Vertical
11	10600.0000	150	246	-44.60	-13.00	31.60	Pass	Vertical
12	14960.0980	150	92	-39.18	-13.00	26.18	Pass	Vertical

Mode:	LTE Traffic							
Band:	41			Channel:		41165		
Remark:	20M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	58.3297	150	349	-77.64	-13.00	64.64	Pass	Horizontal
2	143.9008	150	154	-66.33	-13.00	53.33	Pass	Horizontal
3	375.0010	150	136	-74.89	-13.00	61.89	Pass	Horizontal
4	600.0860	150	237	-69.61	-13.00	56.61	Pass	Horizontal
5	742.5105	150	322	-60.61	-13.00	47.61	Pass	Horizontal
6	897.5475	150	24	-63.28	-13.00	50.28	Pass	Horizontal
7	1396.6397	150	0	-52.03	-13.00	39.03	Pass	Horizontal
8	3923.2962	150	198	-49.59	-13.00	36.59	Pass	Horizontal
9	5295.0000	150	167	-51.57	-13.00	38.57	Pass	Horizontal
10	7942.5000	150	44	-48.10	-13.00	35.10	Pass	Horizontal
11	10590.0000	150	215	-45.03	-13.00	32.03	Pass	Horizontal
12	14219.8110	150	322	-39.14	-13.00	26.14	Pass	Horizontal

Mode:	LTE Traffic							
Band:	41			Channel:		41165		
Remark:	20M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.4787	150	285	-63.36	-13.00	50.36	Pass	Vertical
2	152.0504	150	163	-70.24	-13.00	57.24	Pass	Vertical
3	208.9038	150	163	-71.39	-13.00	58.39	Pass	Vertical
4	600.0860	150	358	-68.94	-13.00	55.94	Pass	Vertical
5	742.5105	150	51	-57.67	-13.00	44.67	Pass	Vertical
6	897.5475	150	285	-60.09	-13.00	47.09	Pass	Vertical
7	1394.6395	150	136	-46.41	-13.00	33.41	Pass	Vertical
8	3197.2599	150	136	-45.54	-13.00	32.54	Pass	Vertical
9	5295.0000	150	351	-52.04	-13.00	39.04	Pass	Vertical
10	7942.5000	150	29	-47.66	-13.00	34.66	Pass	Vertical
11	10590.0000	150	306	-44.50	-13.00	31.50	Pass	Vertical
12	13648.2824	150	60	-39.29	-13.00	26.29	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 ***

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