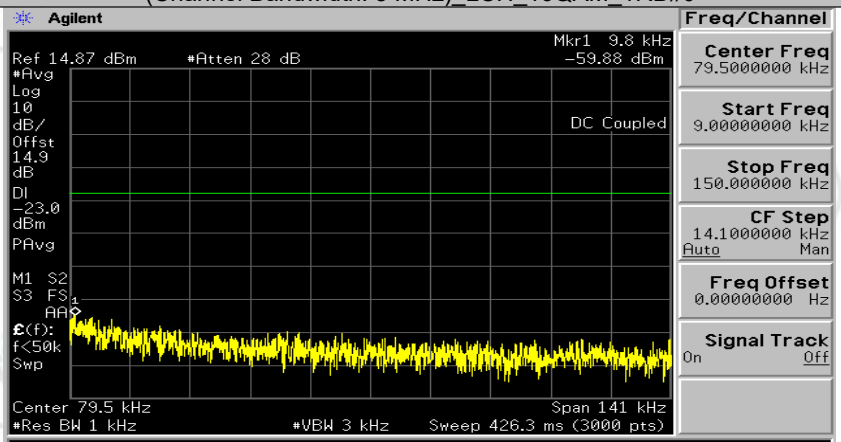
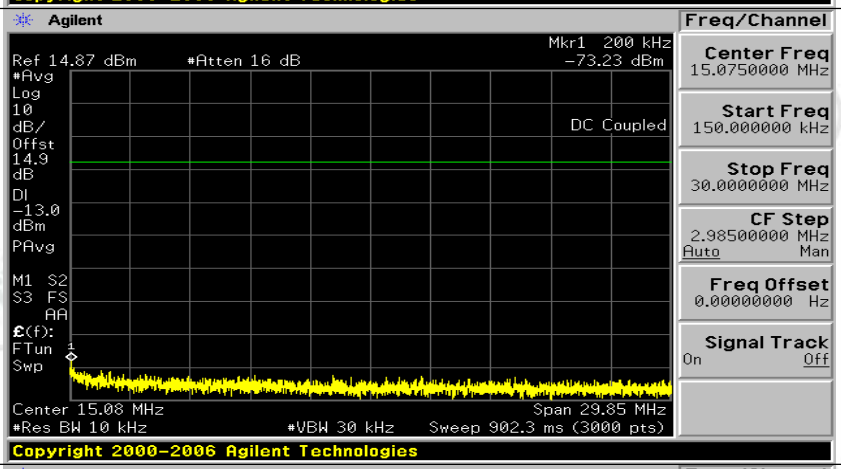
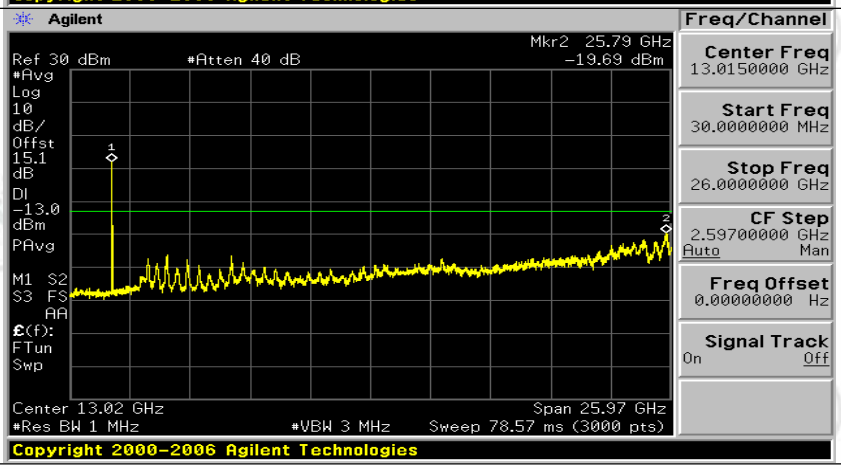
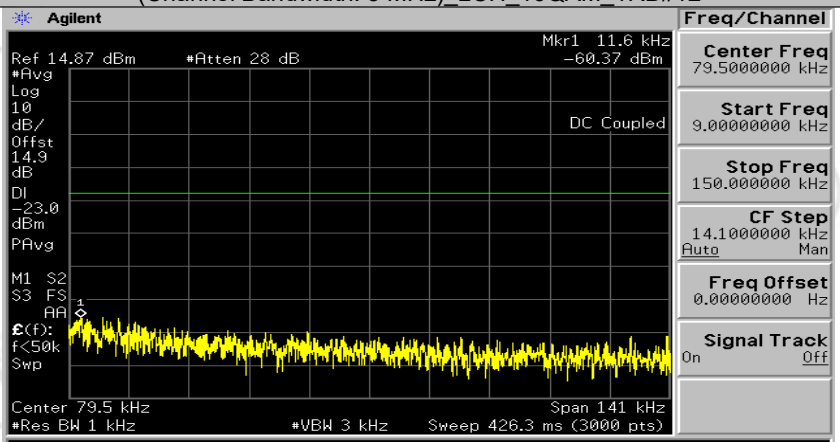
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

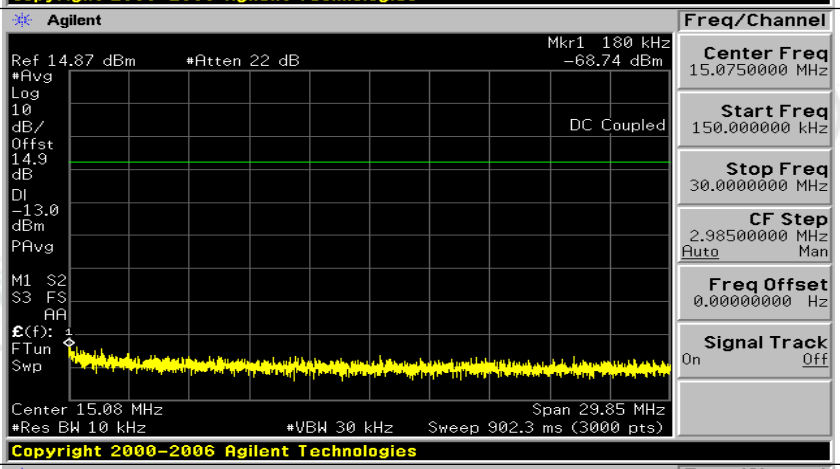


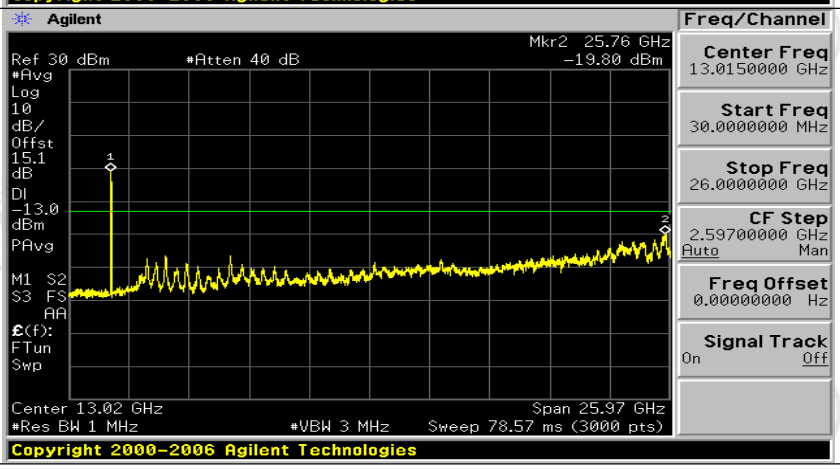




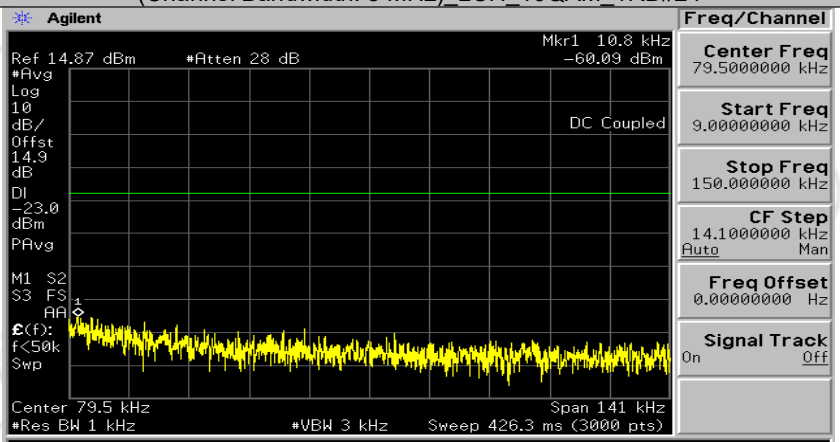
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

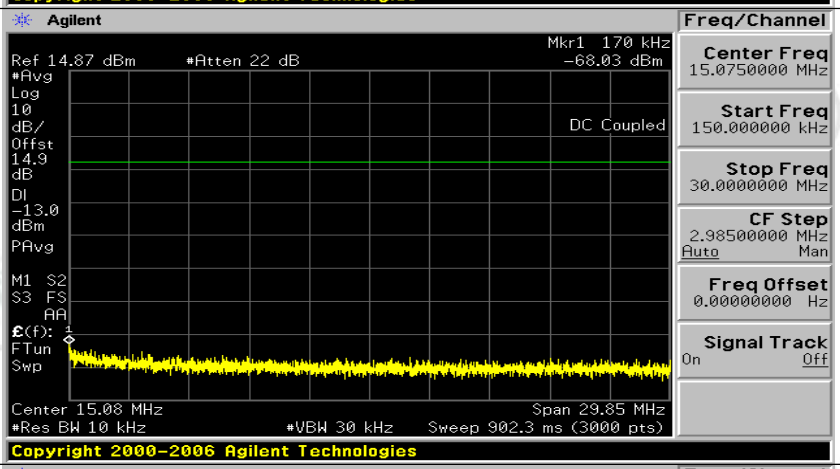


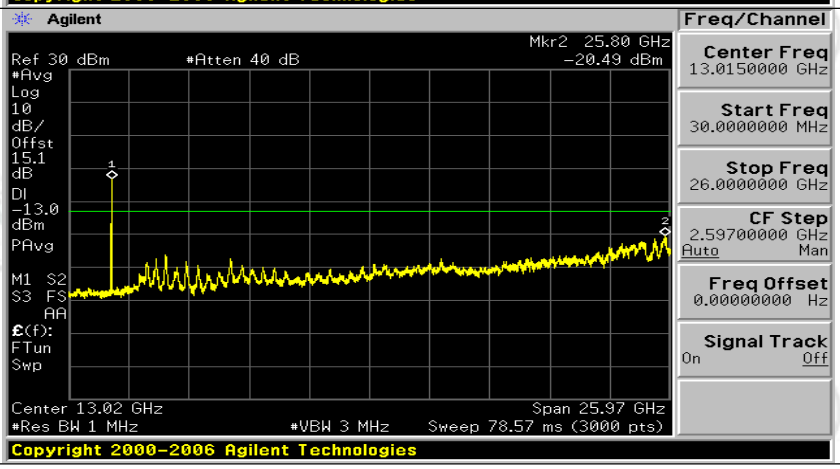




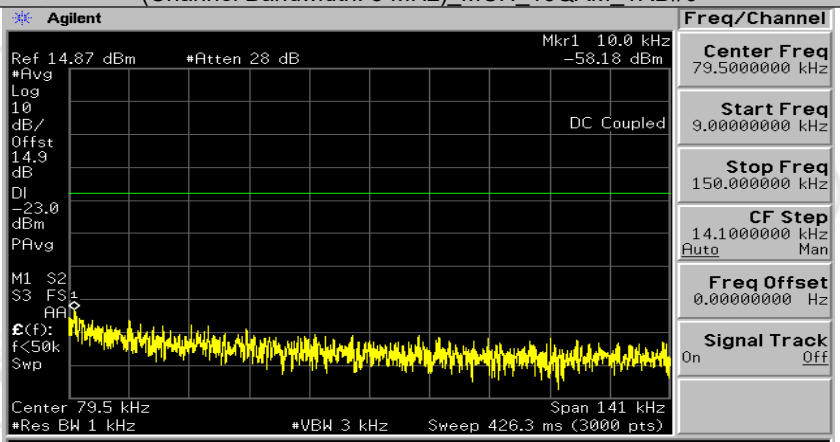
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24

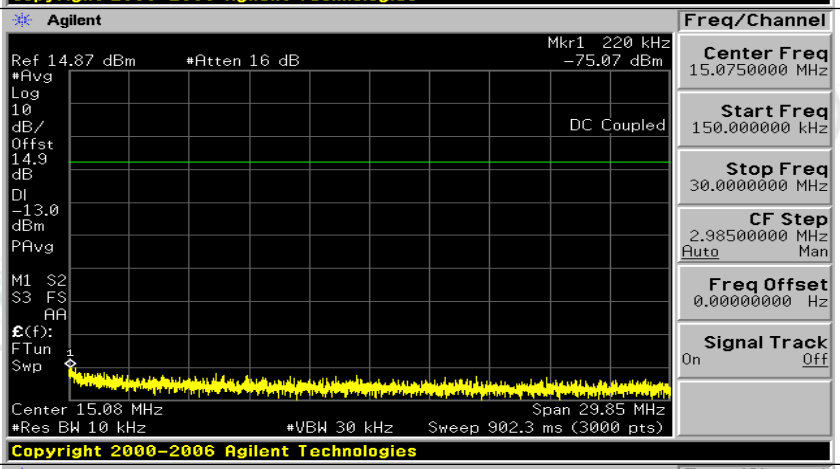


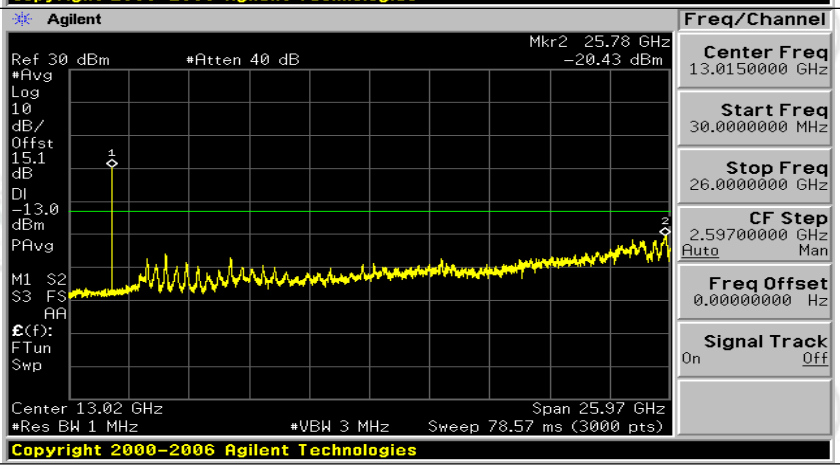




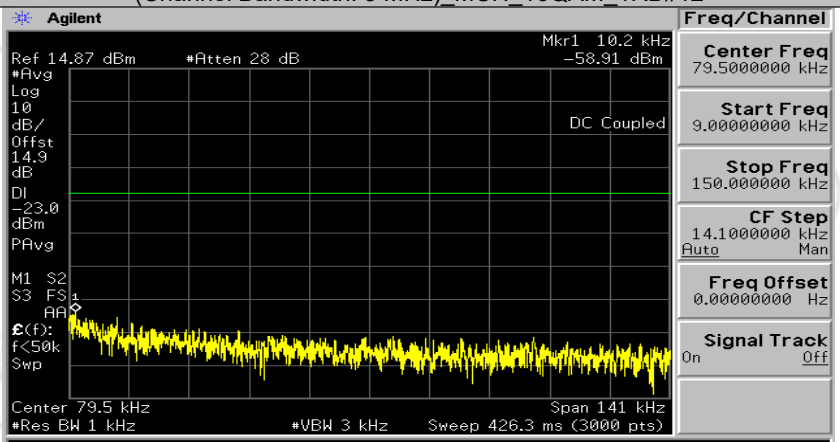
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

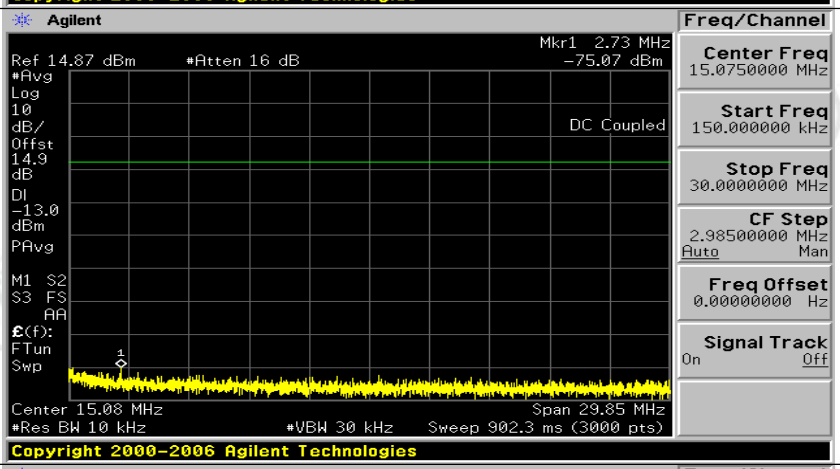


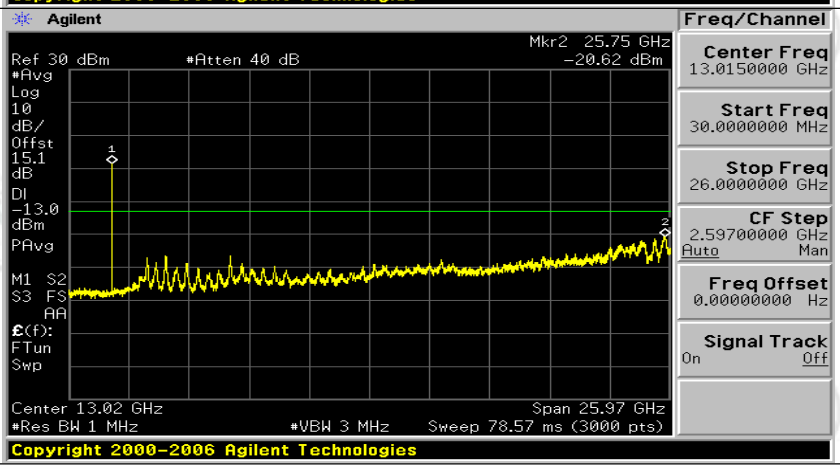




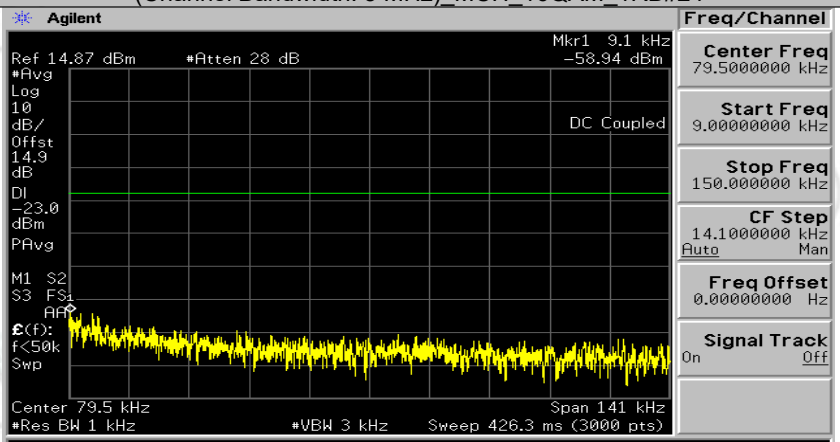
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

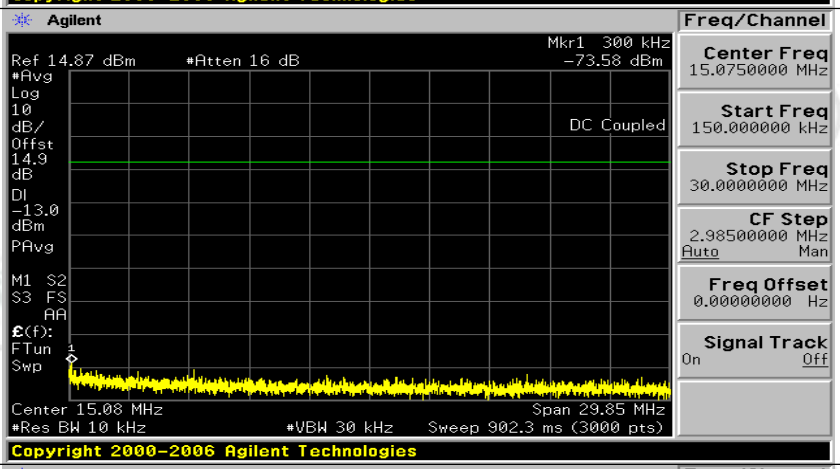


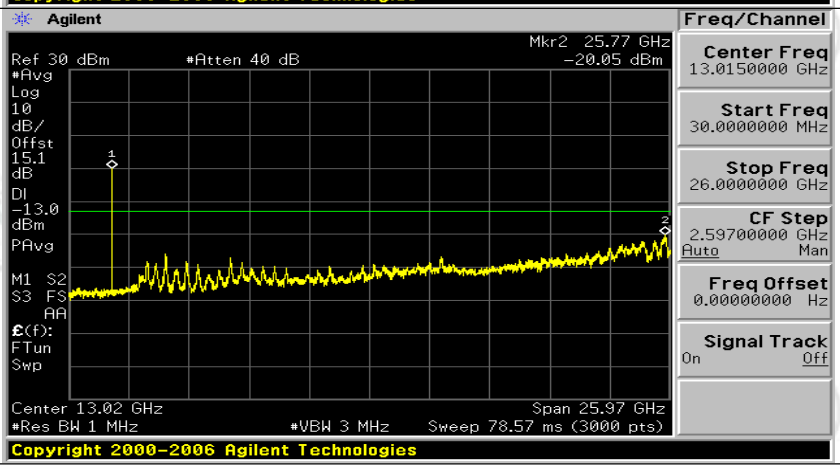




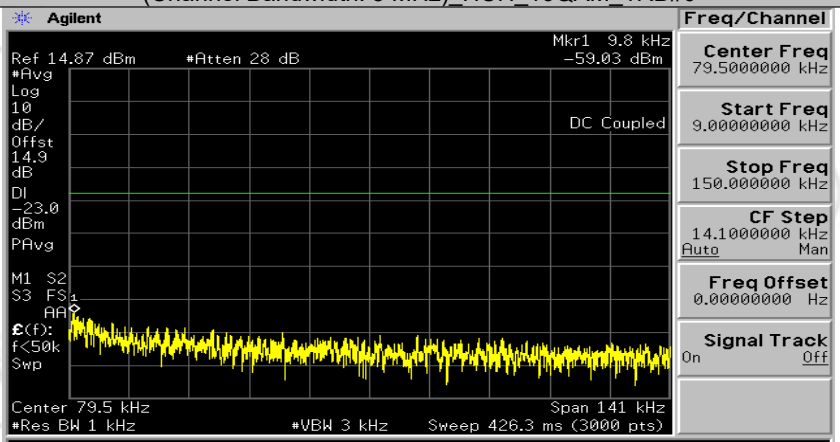
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

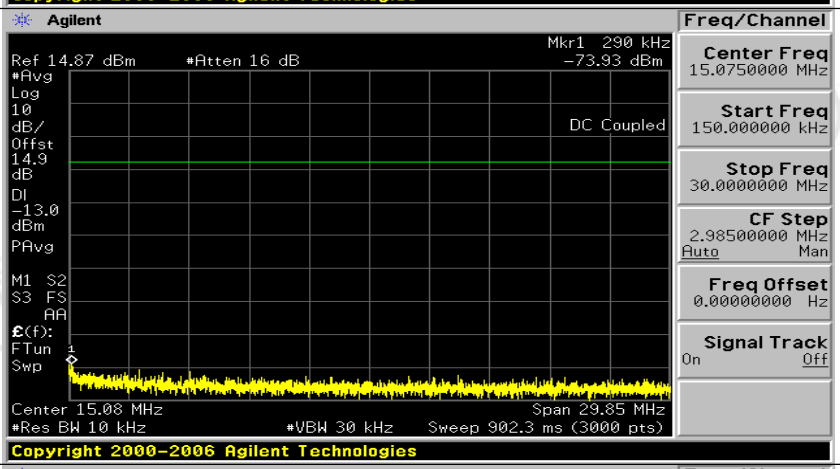


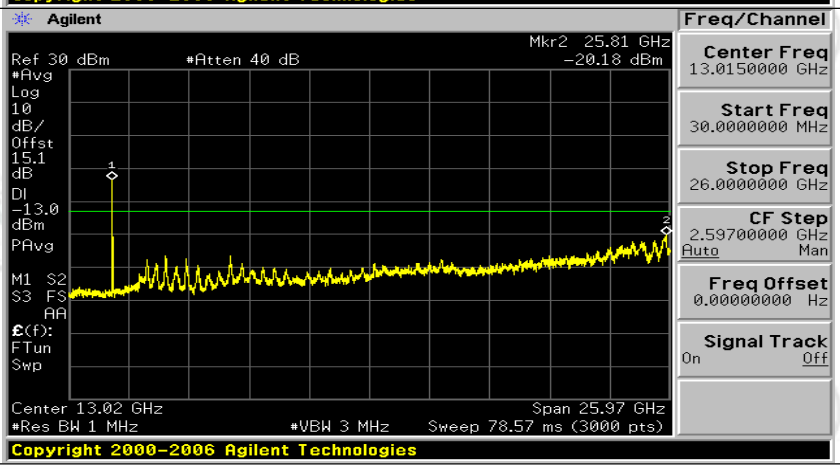




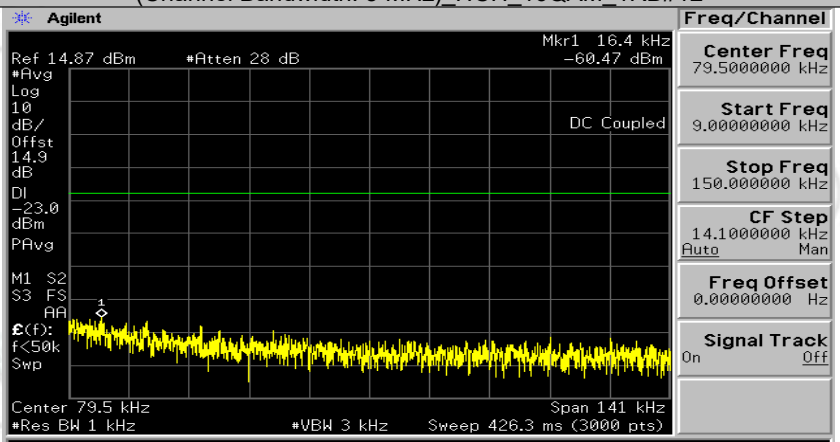
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

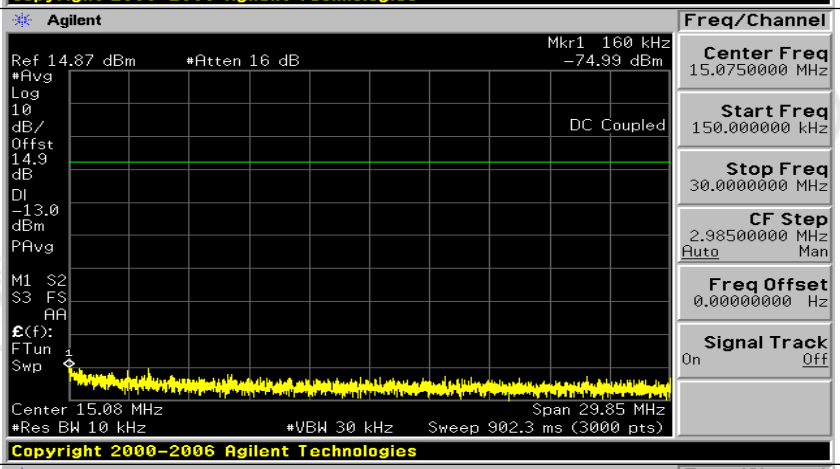


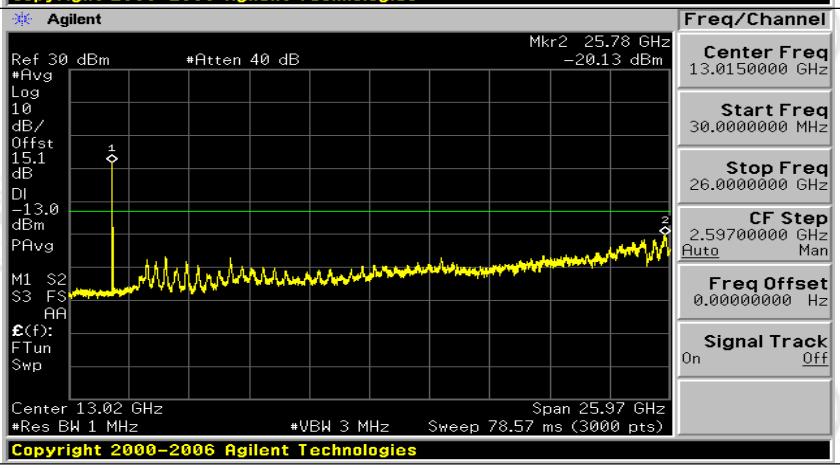




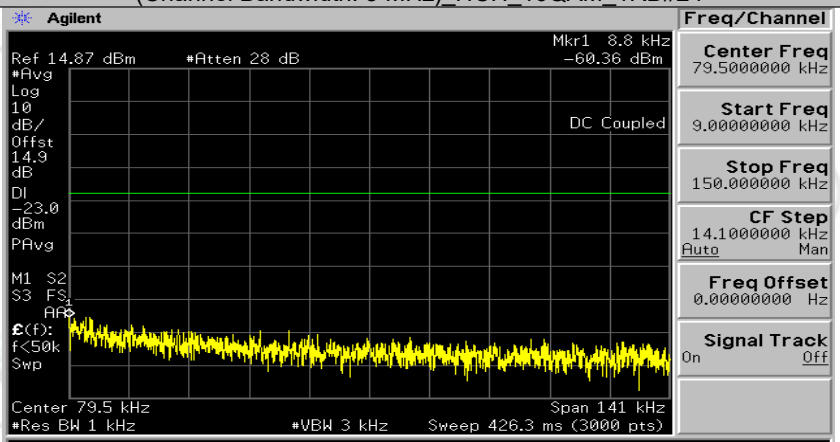
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

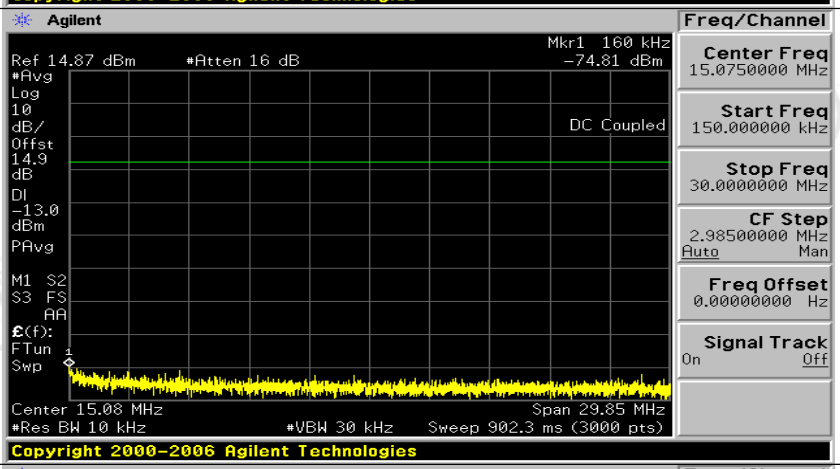


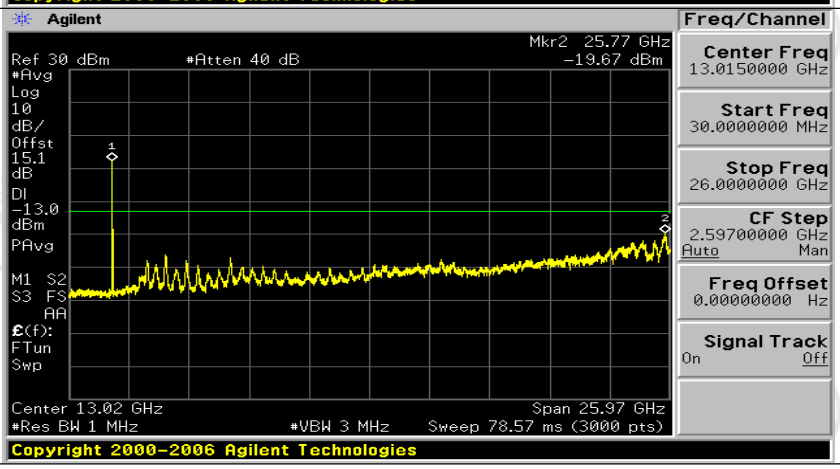




(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24

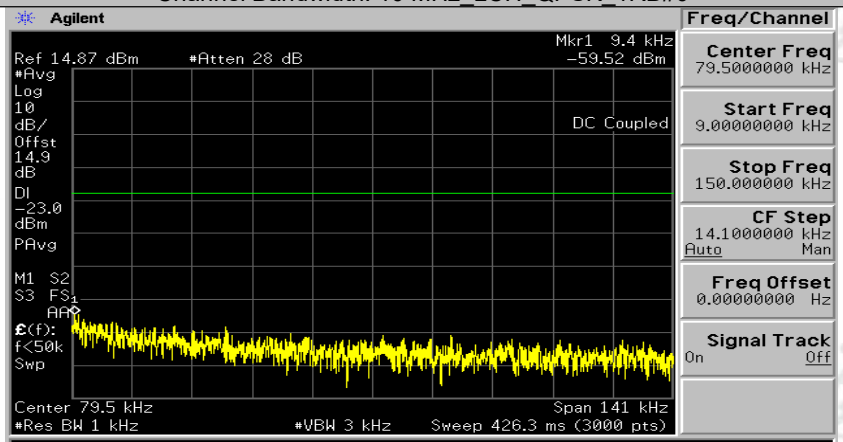


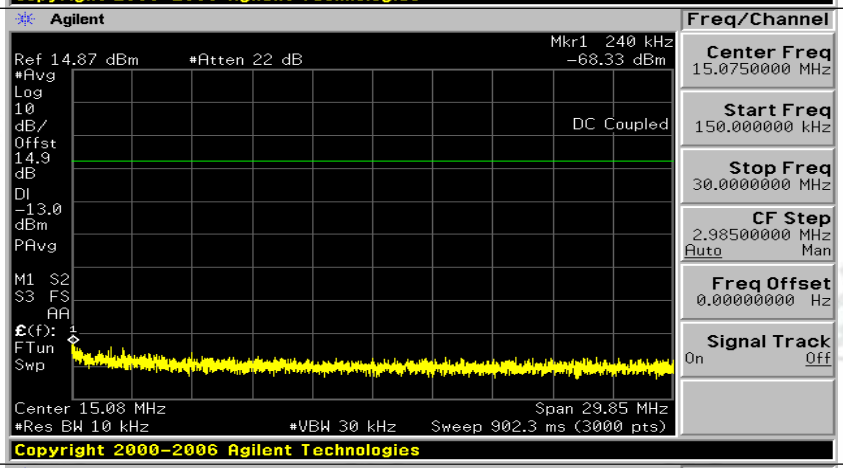


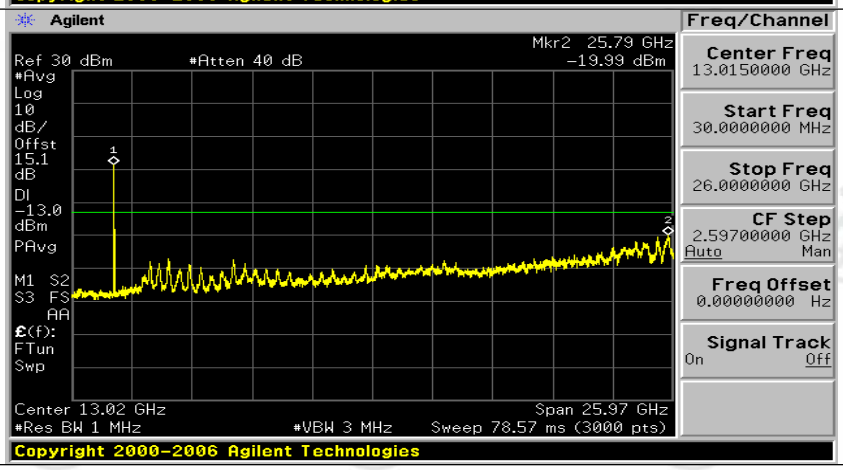


Channel Bandwidth: 10 MHz

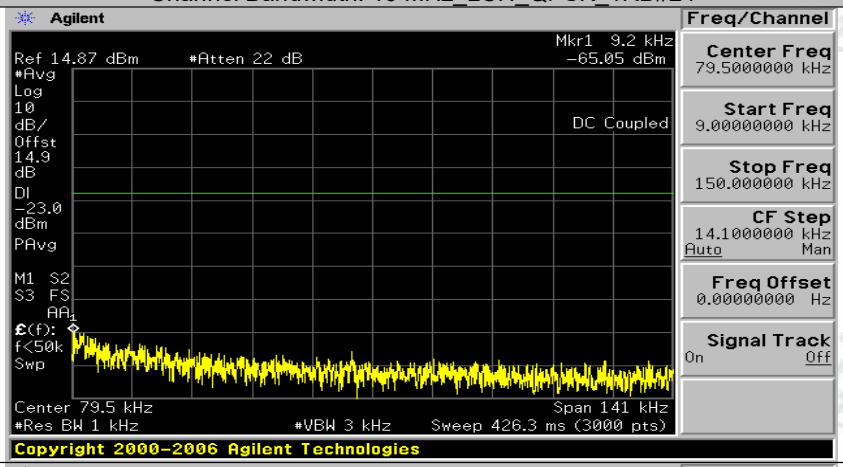
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0

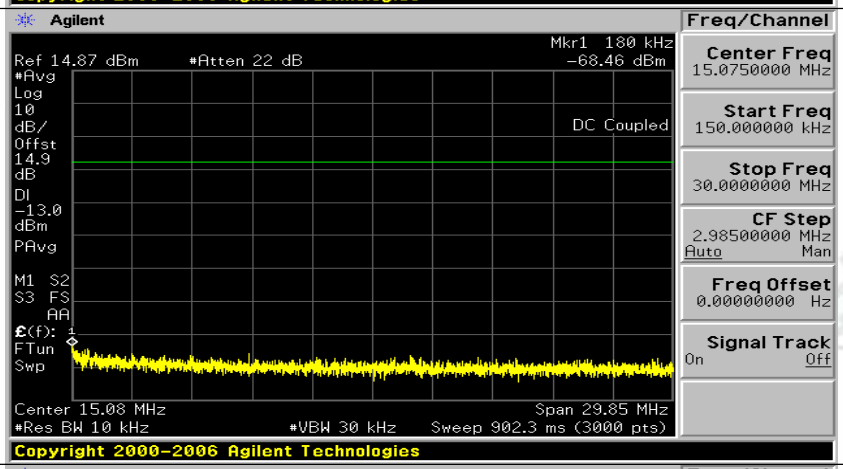


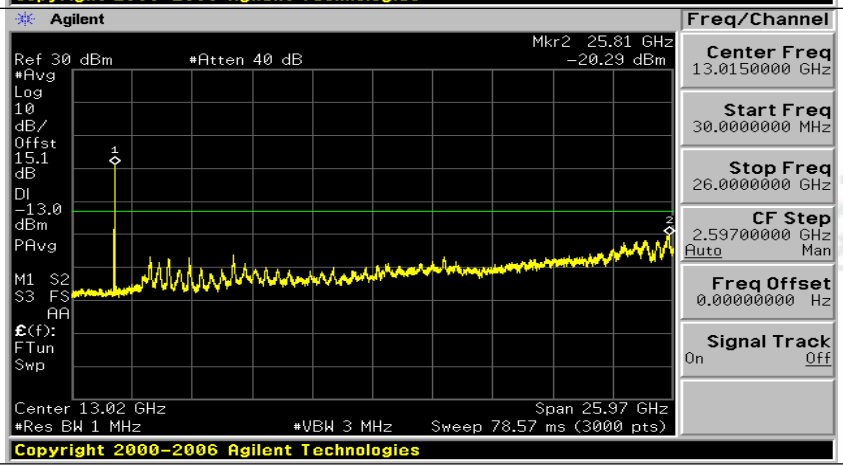




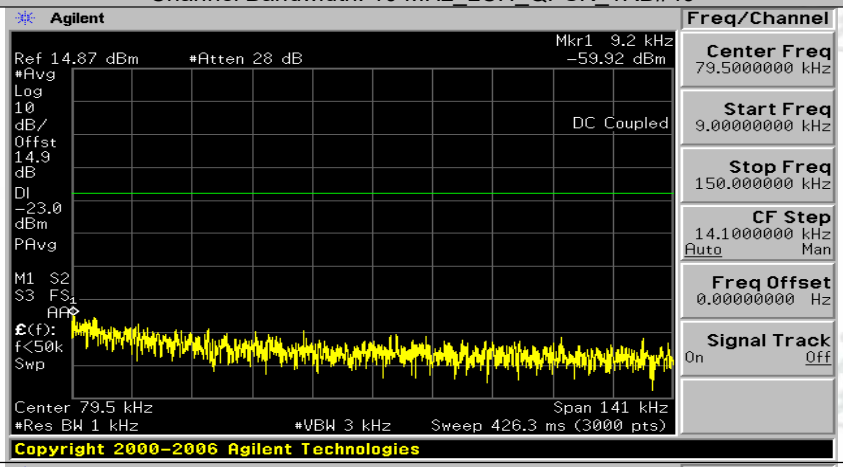
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24

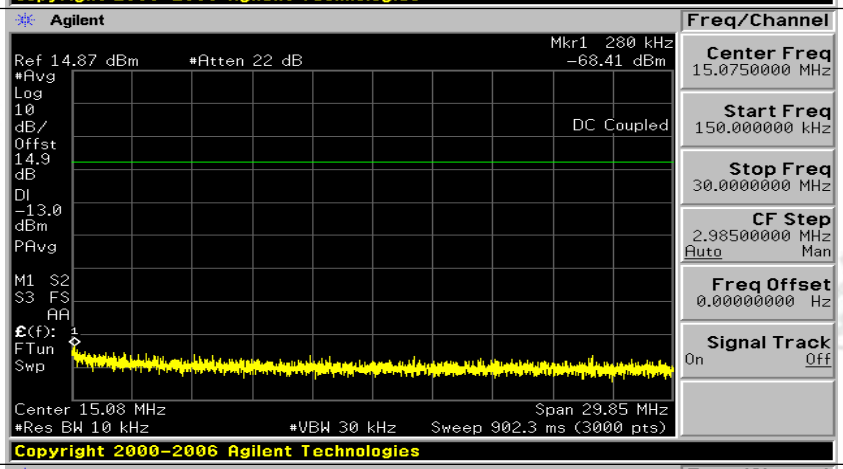


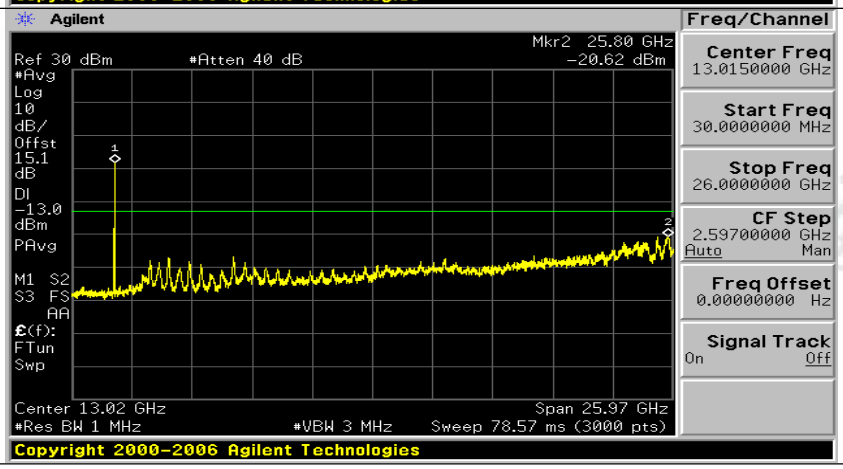




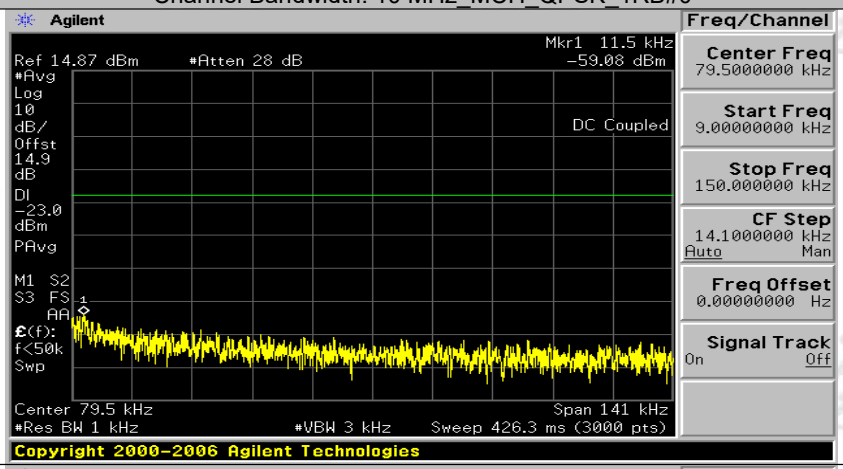
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49

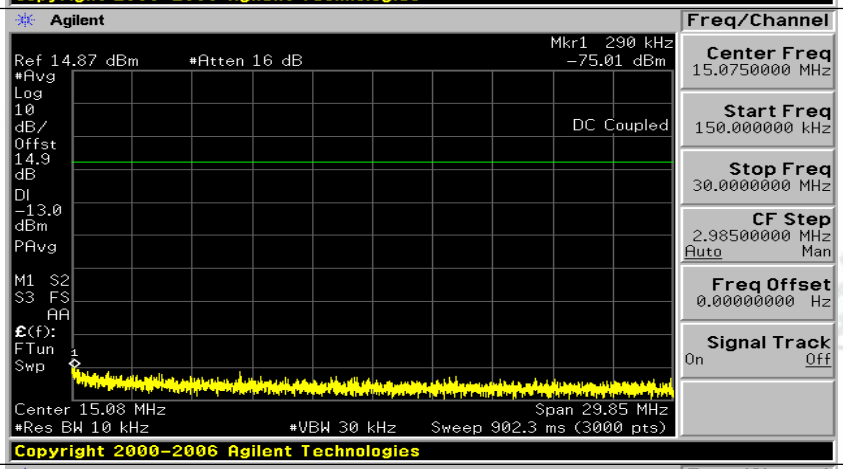


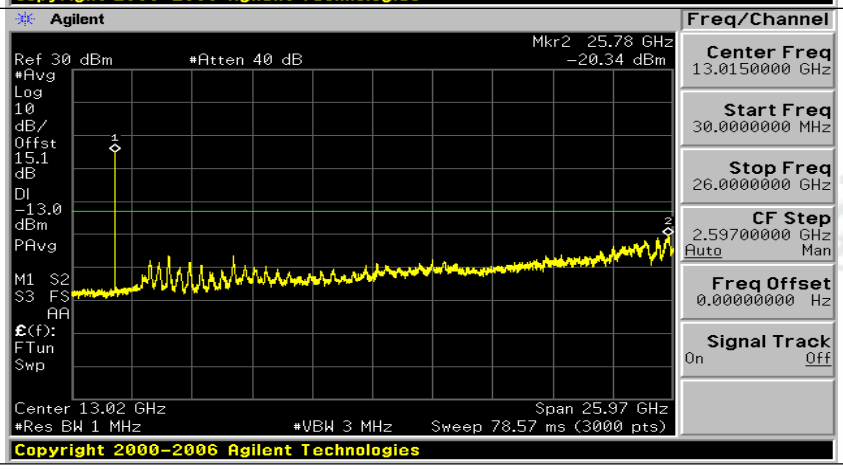




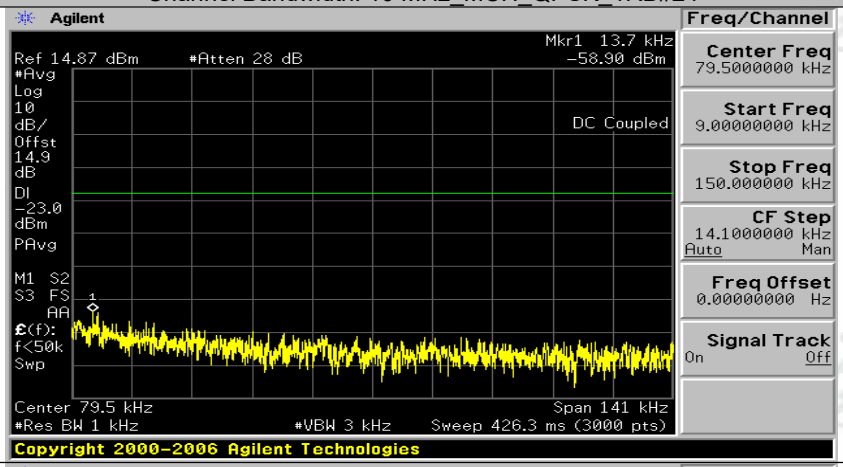
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

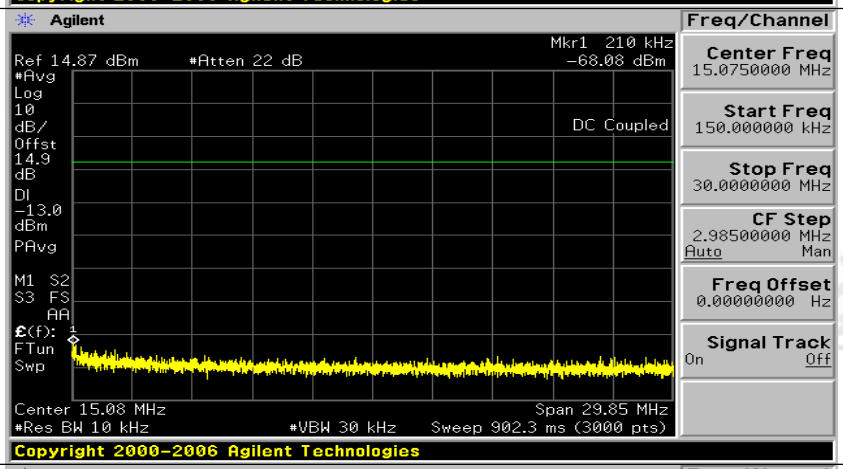


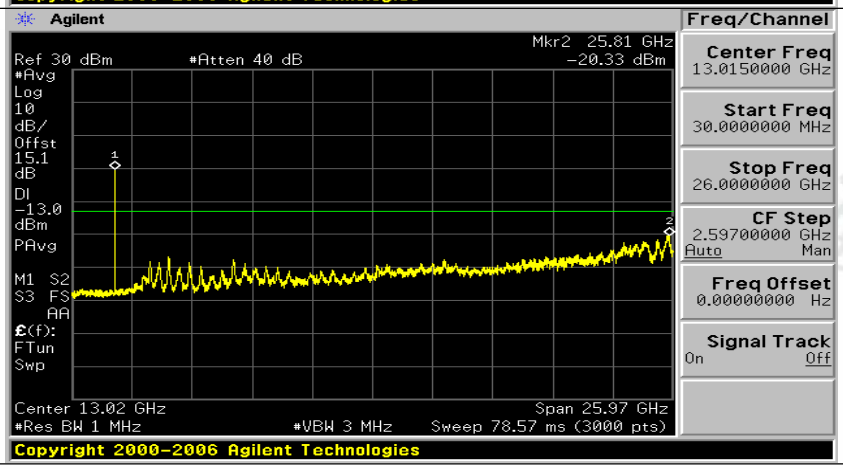




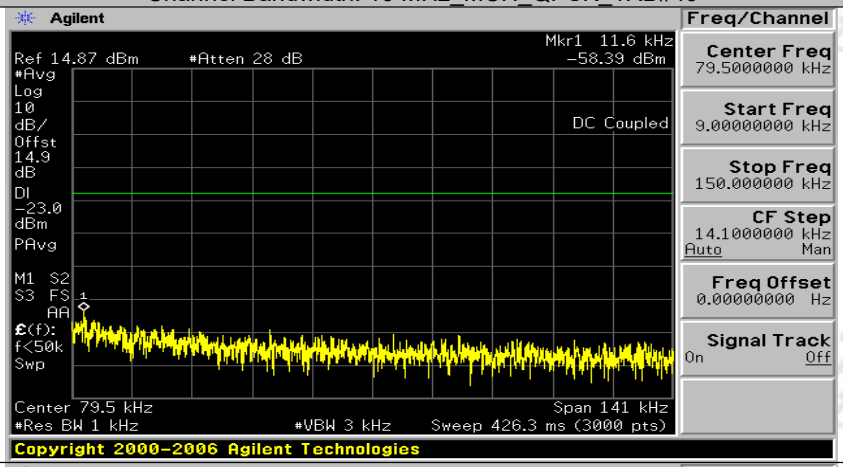
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

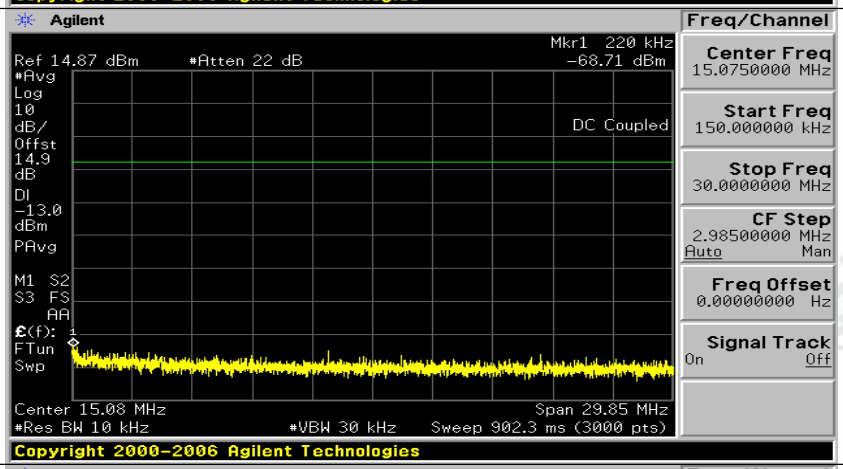


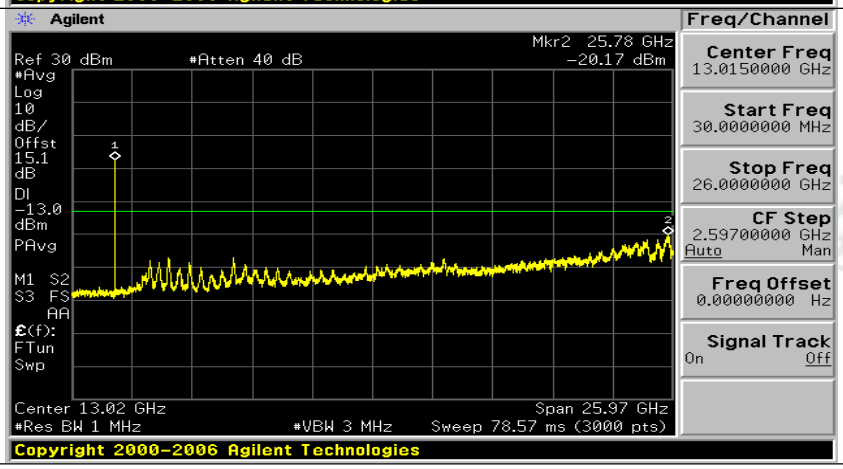




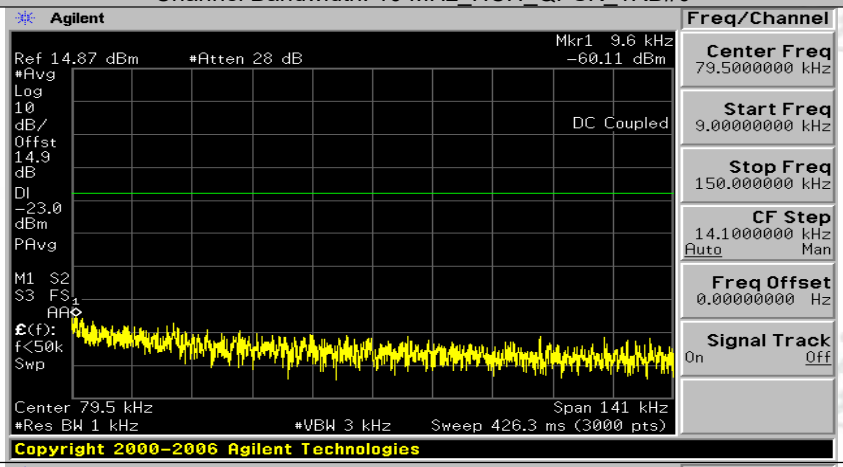
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

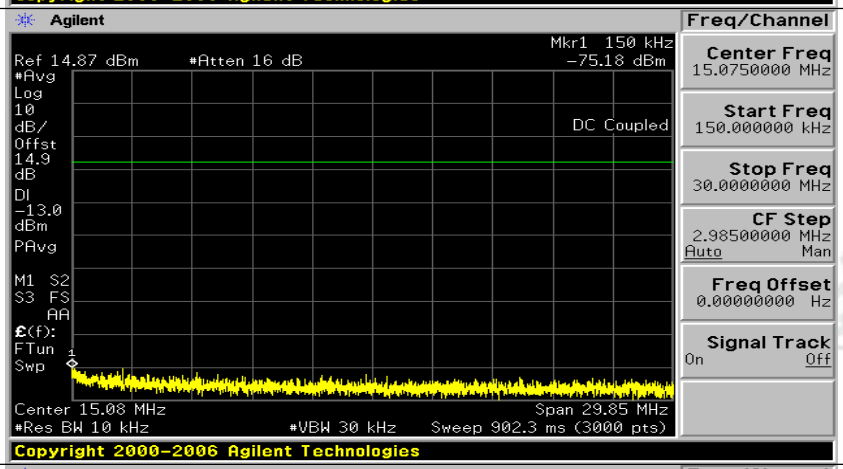


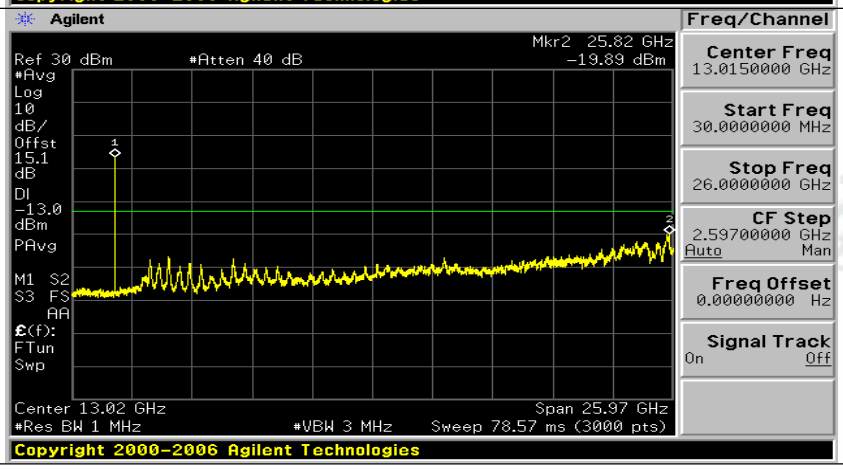




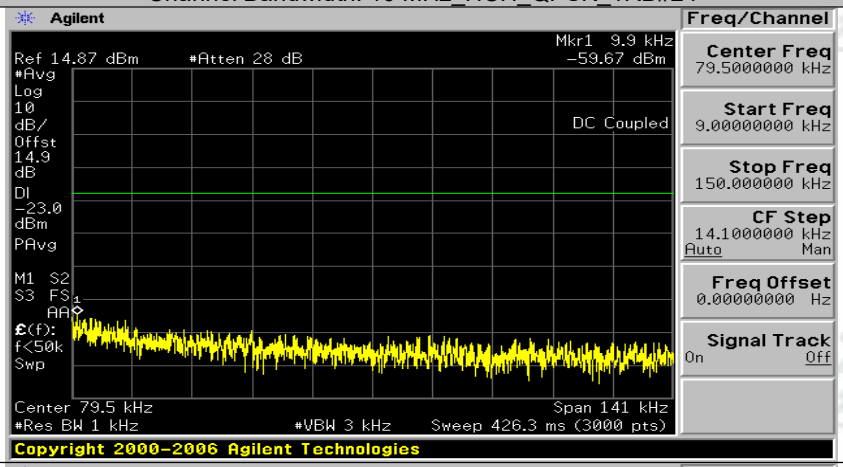
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

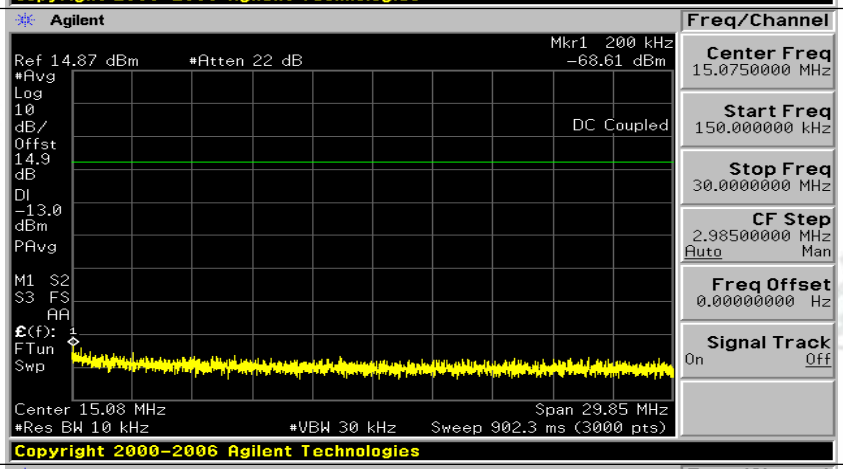


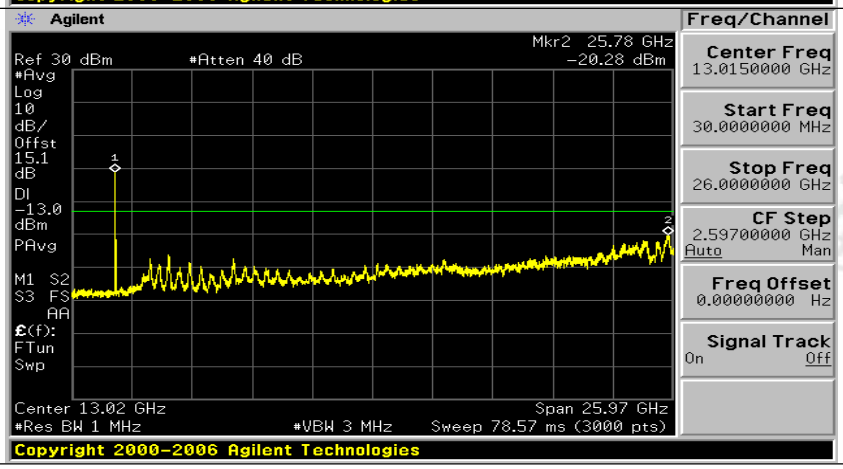




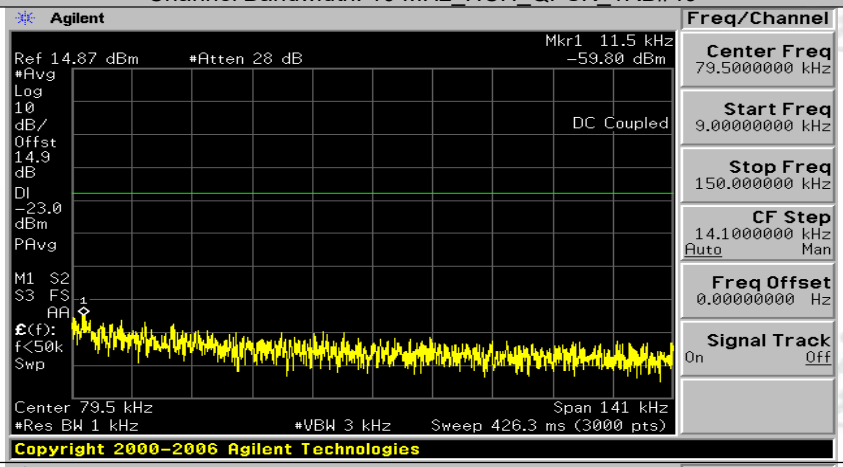
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

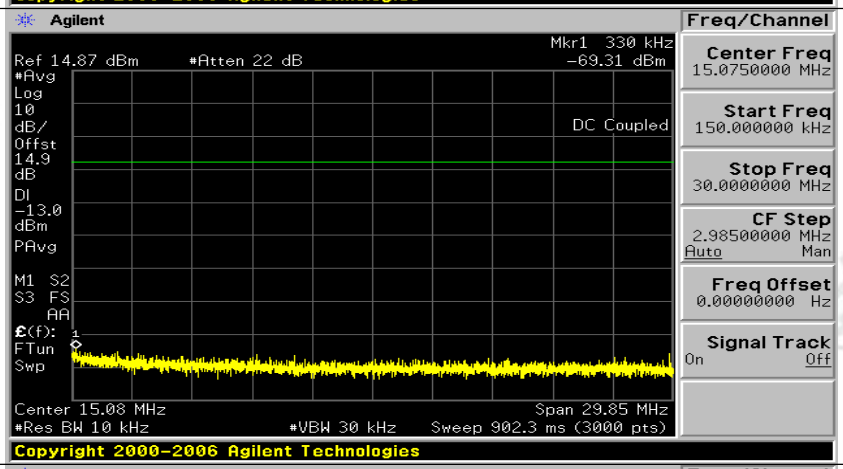


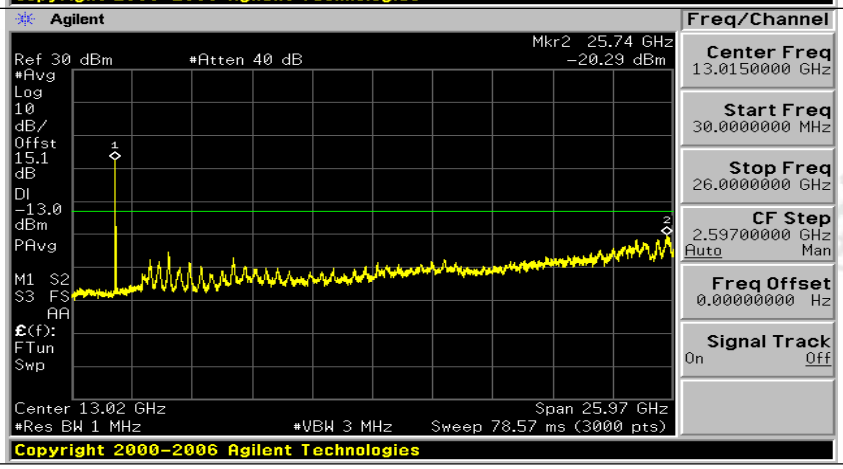




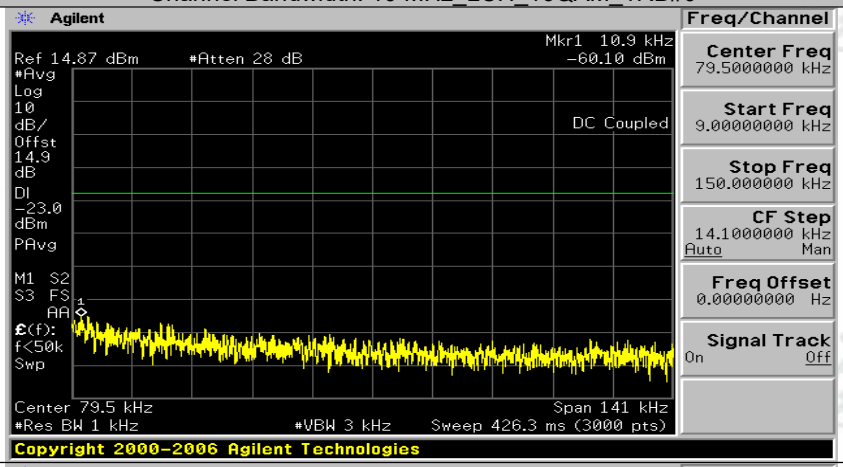
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49

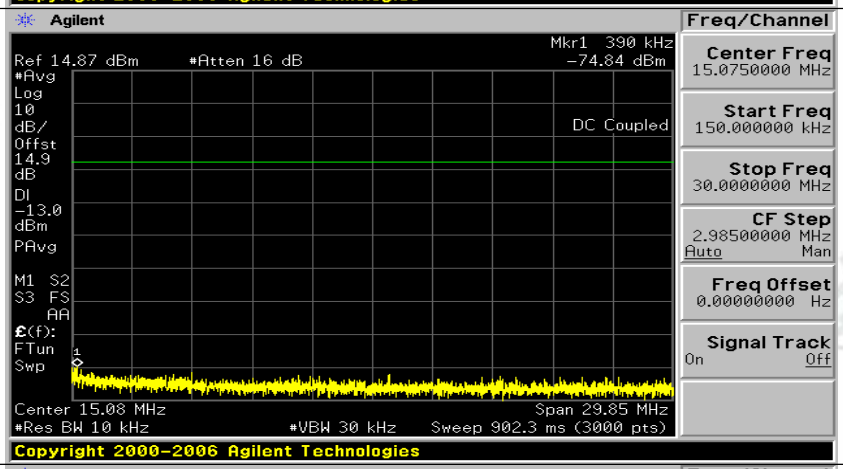


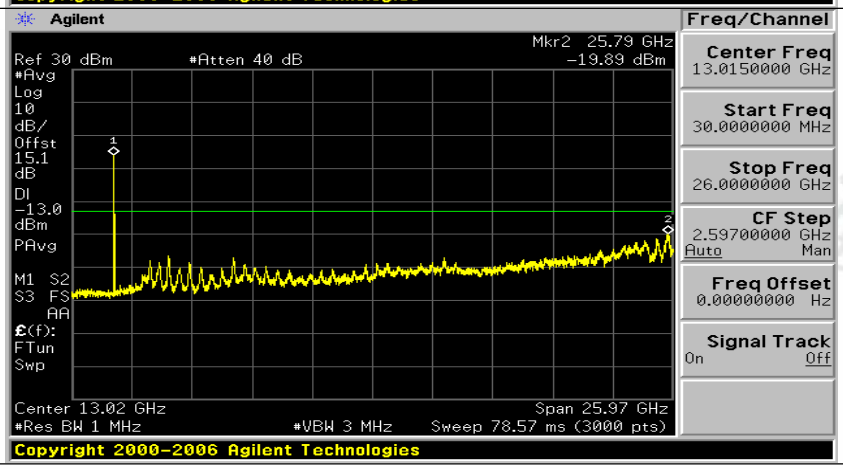




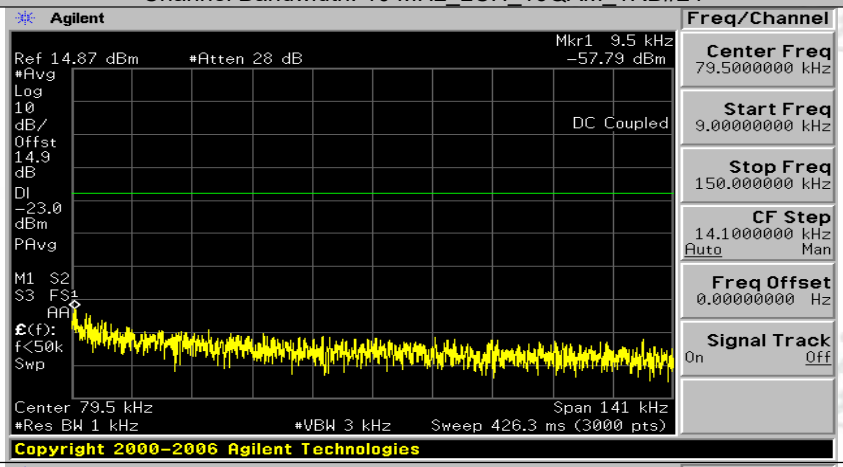
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0

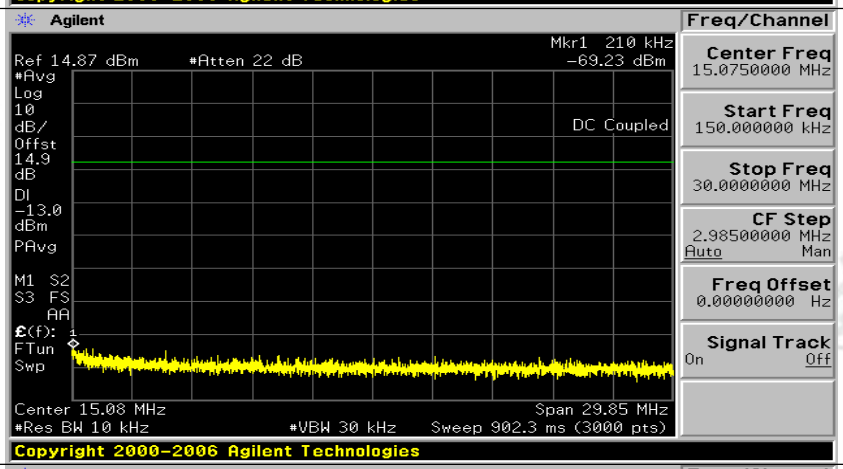


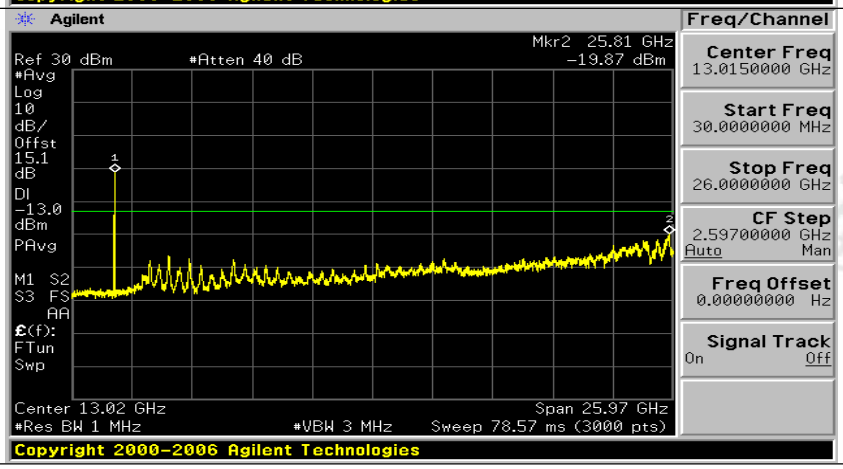




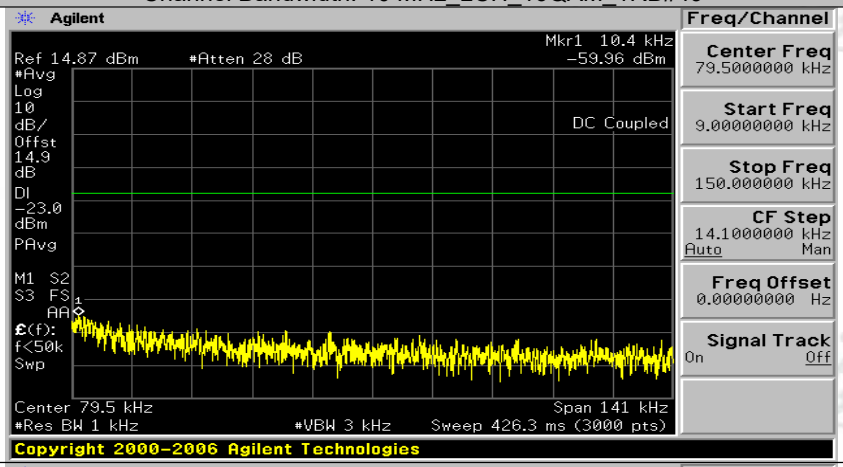
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

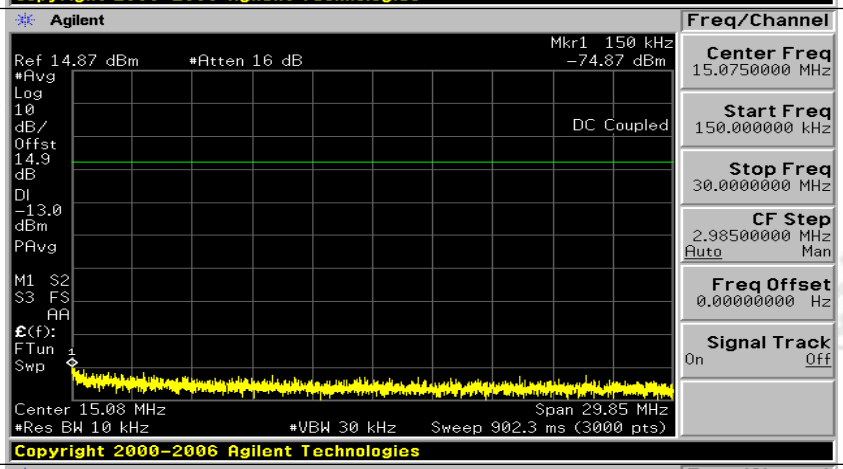


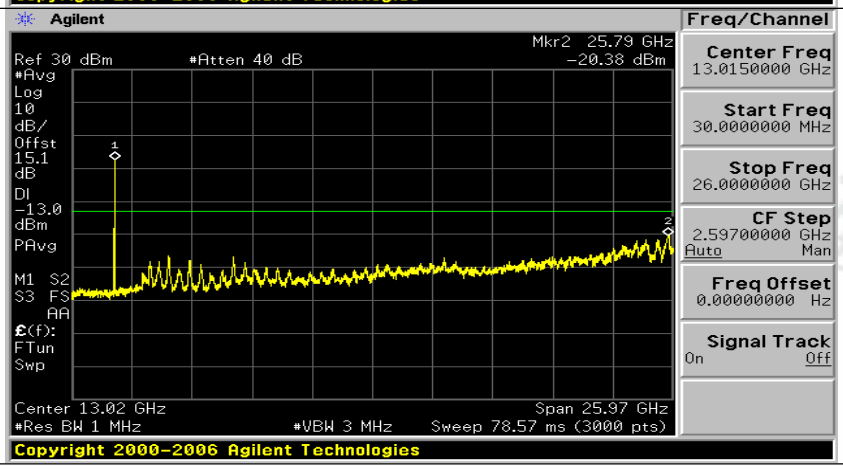




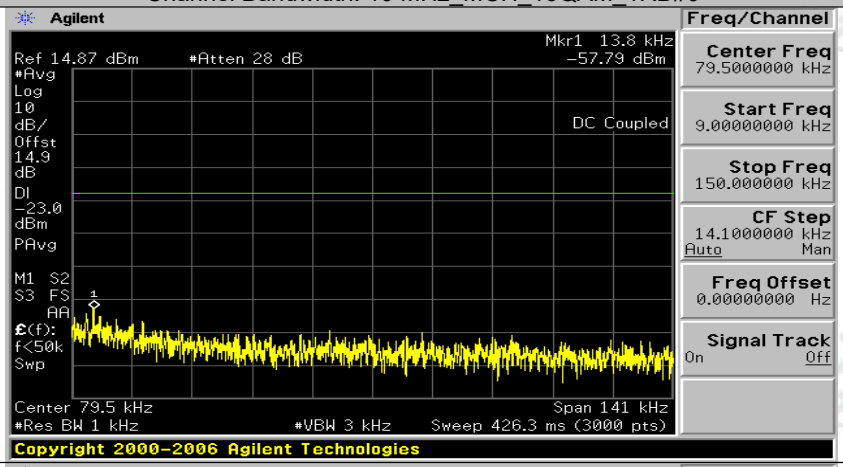
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

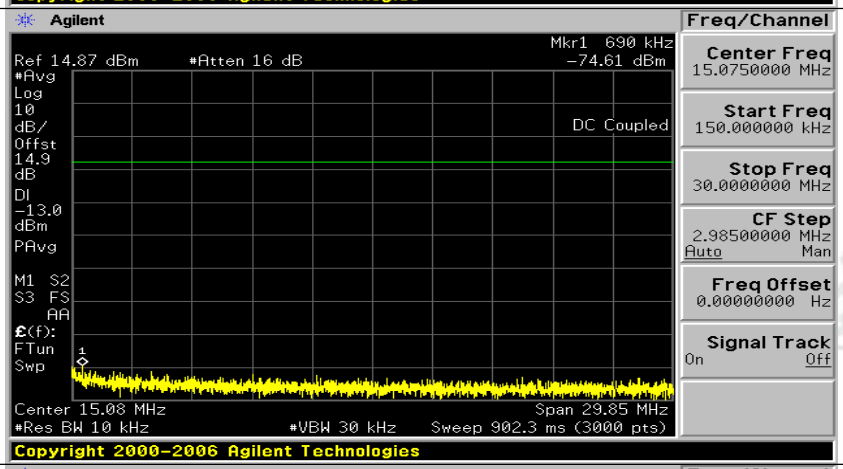


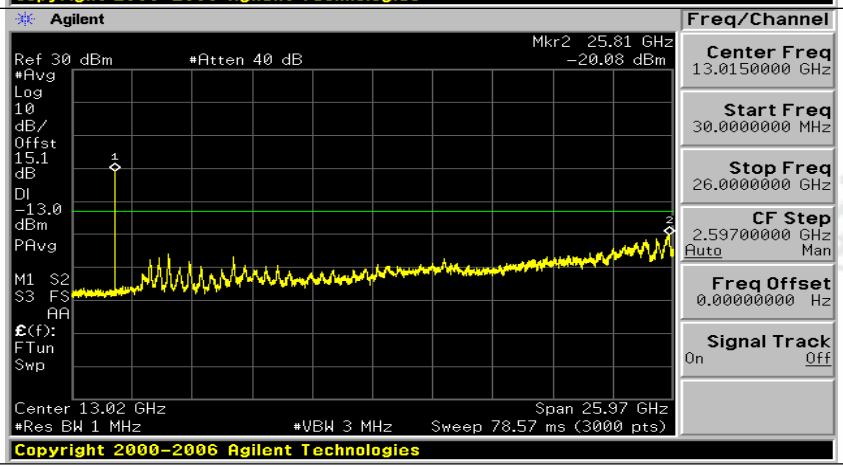




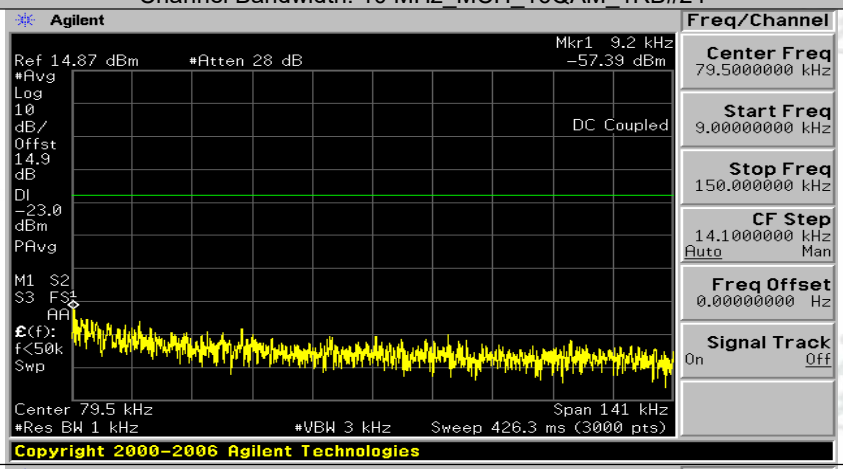
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

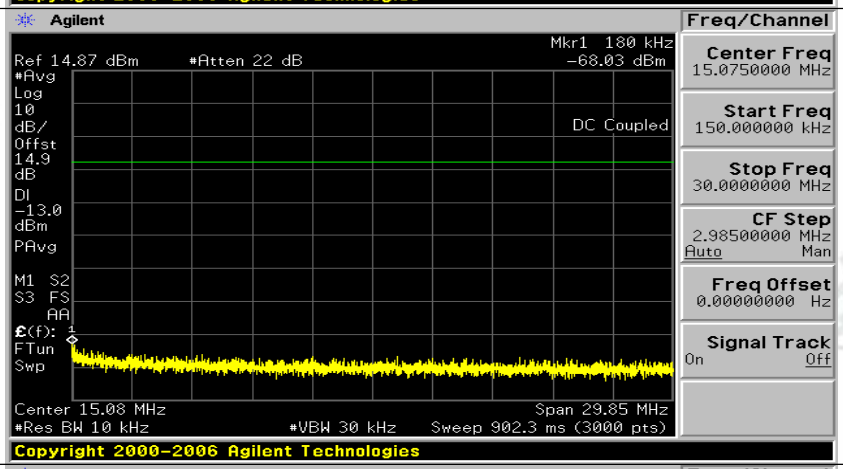


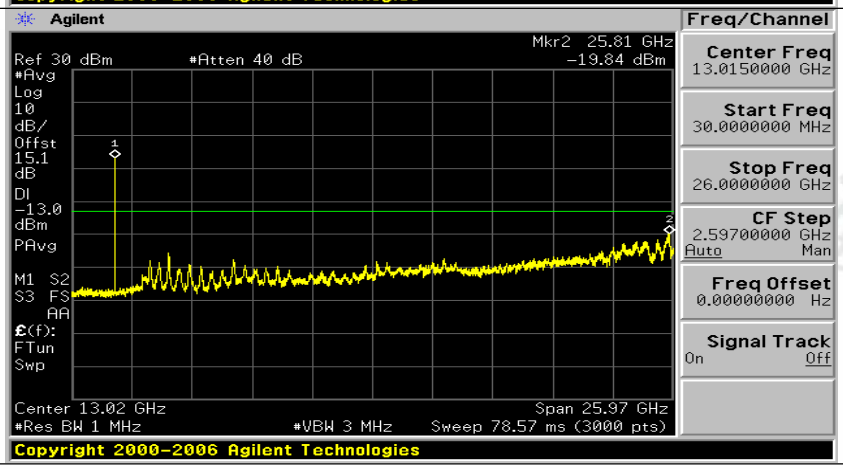




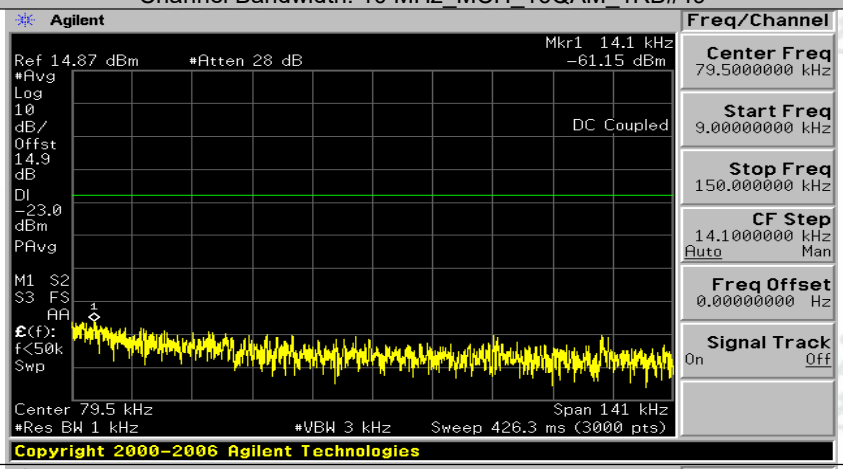
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

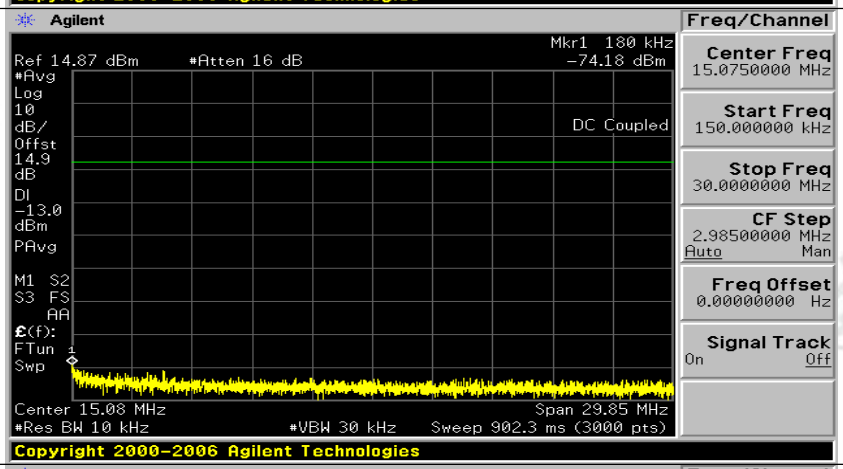


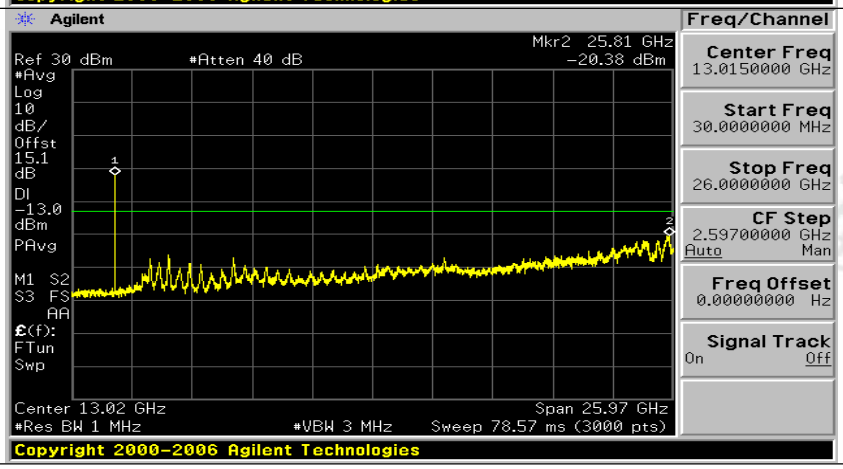




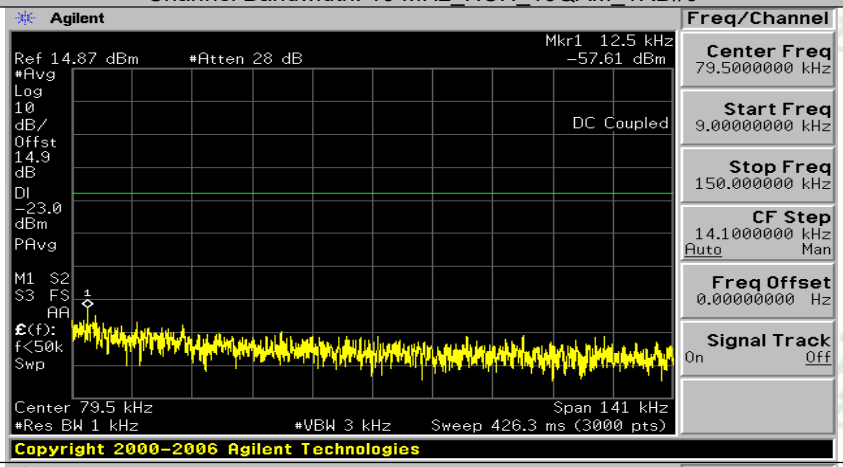
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

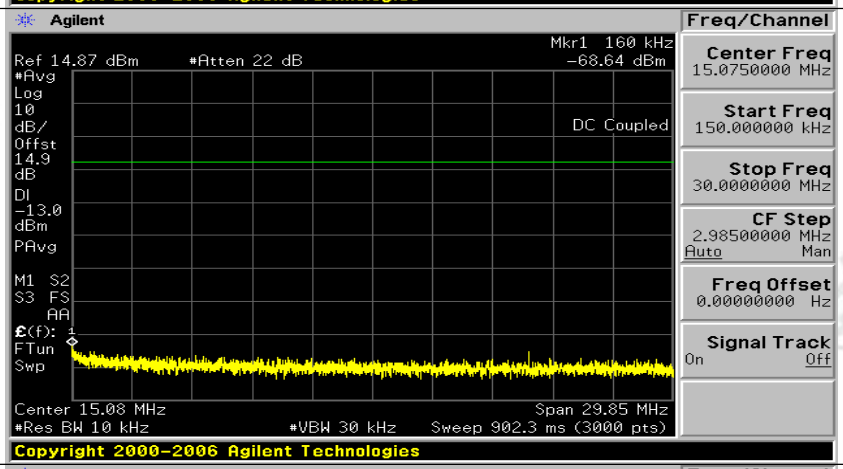


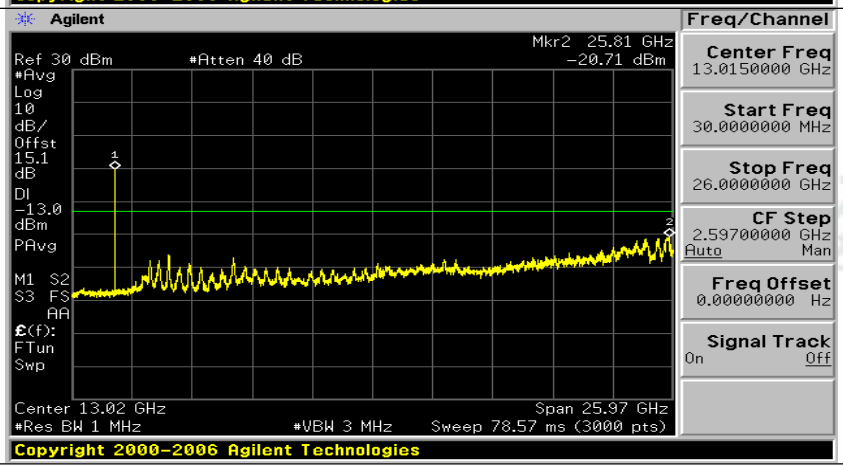




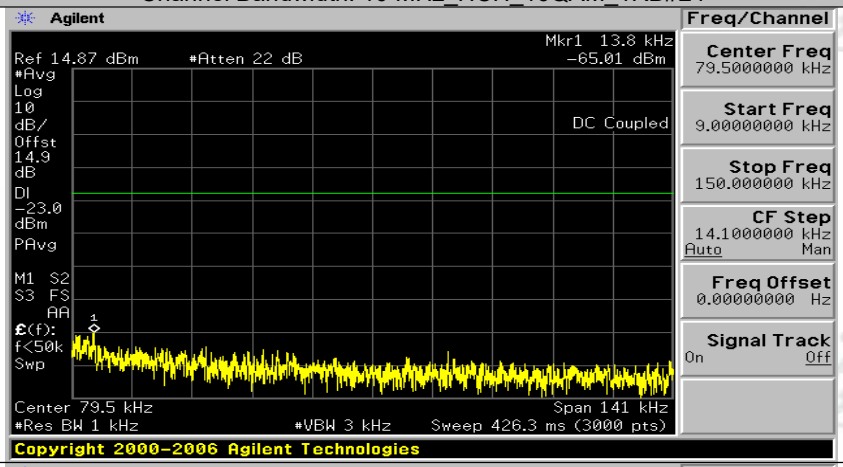
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

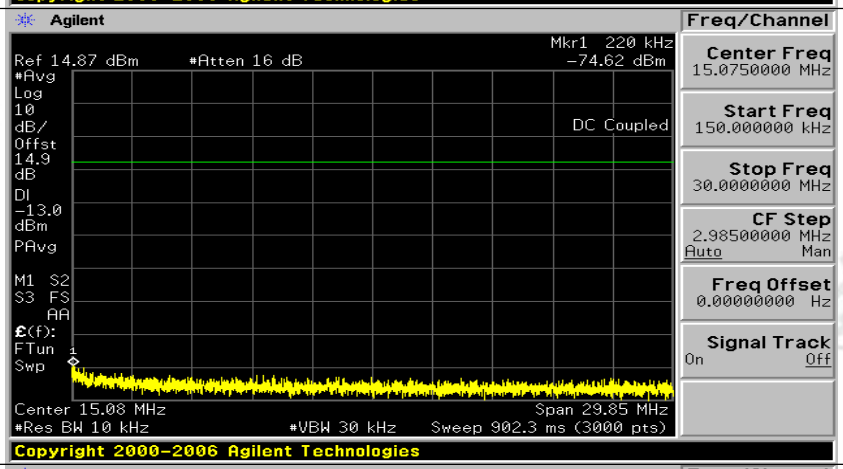


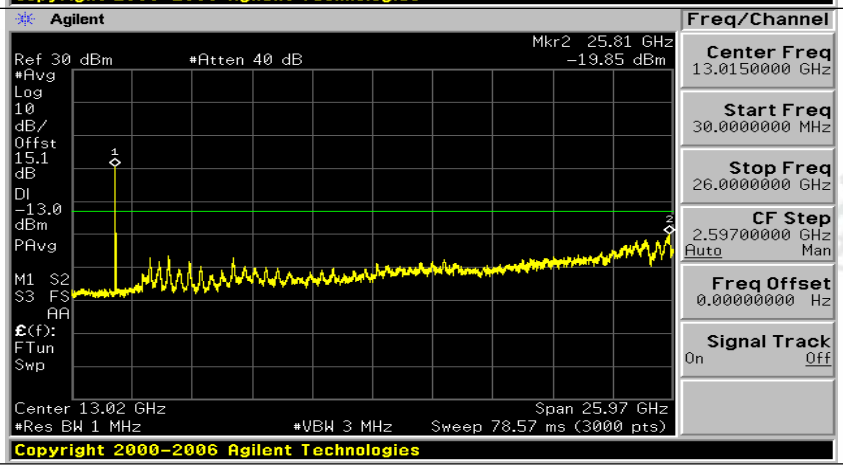




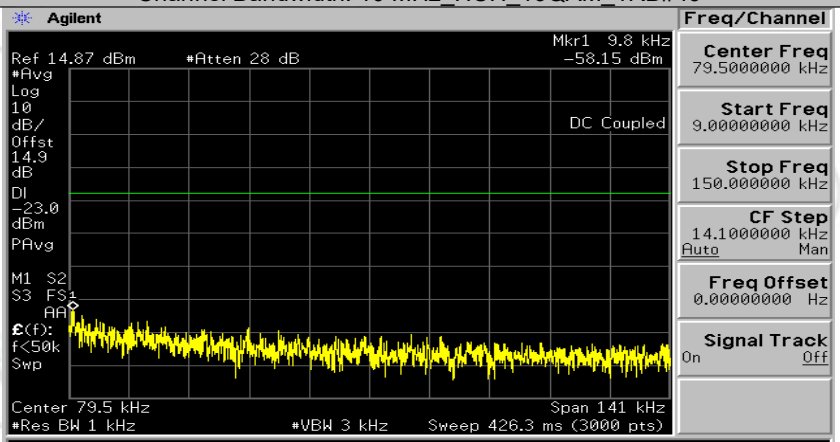
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24

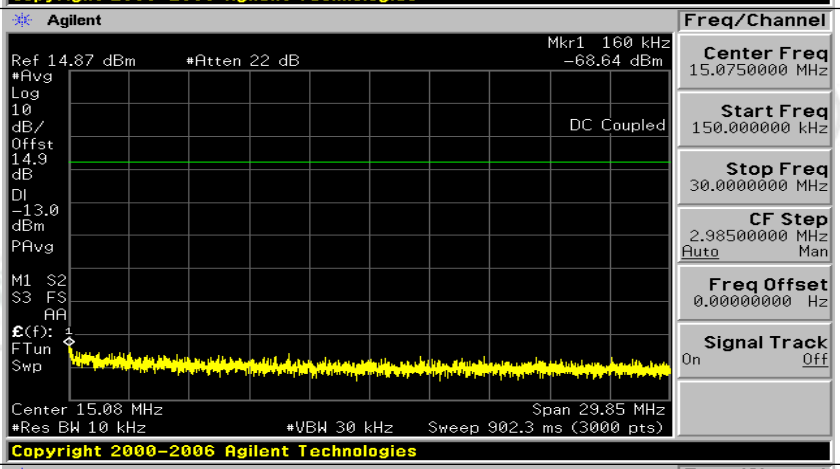


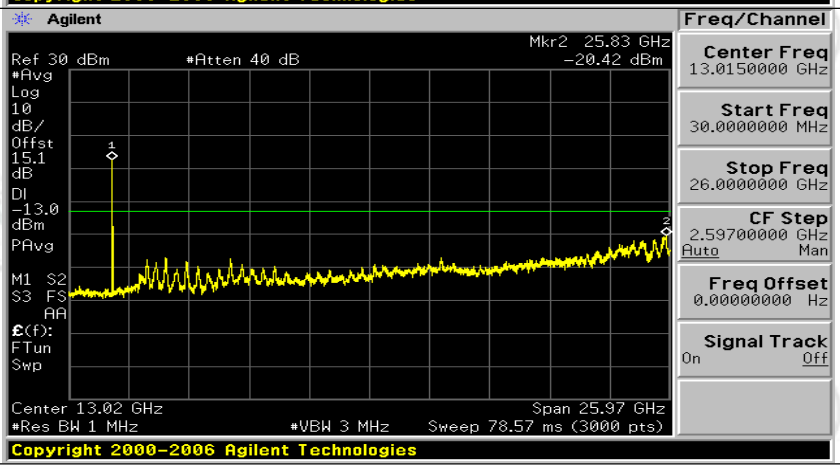




Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49

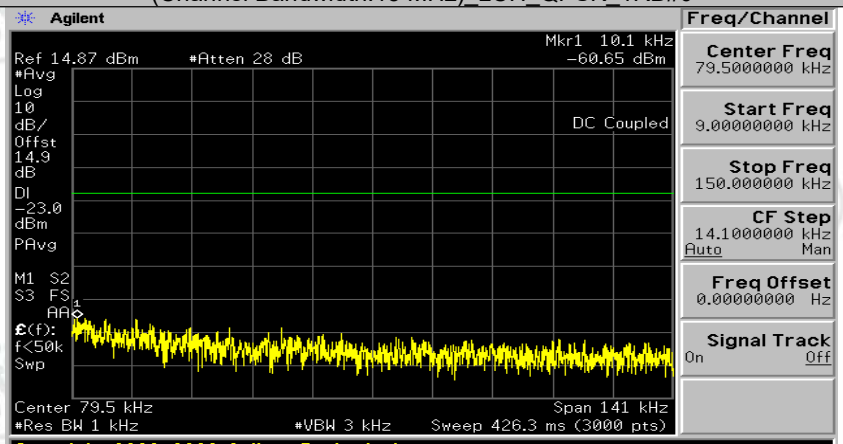


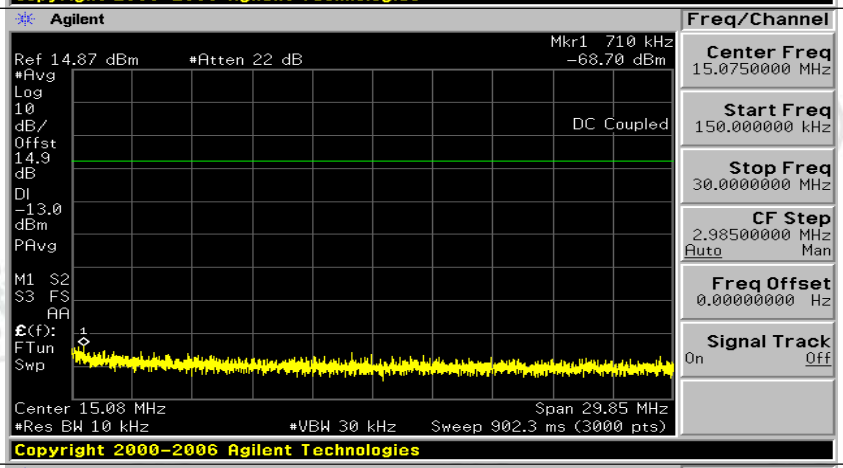


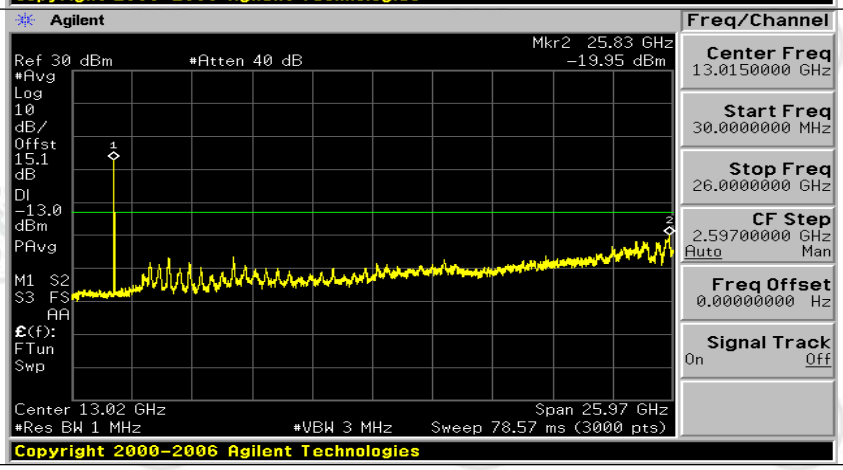


Channel Bandwidth: 15 MHz

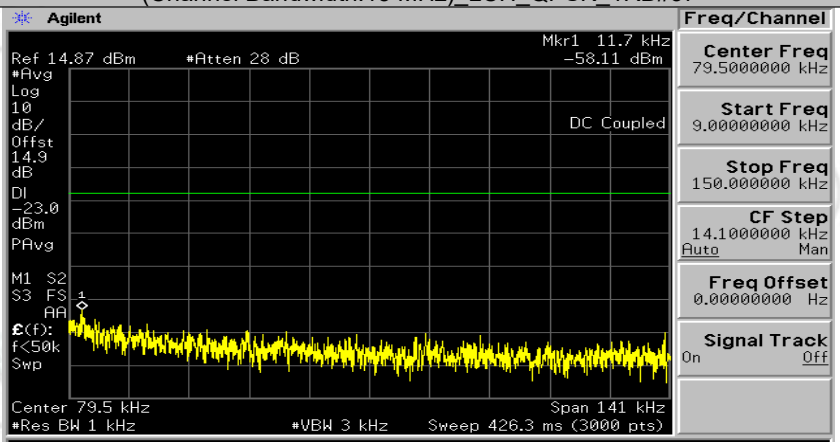
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0

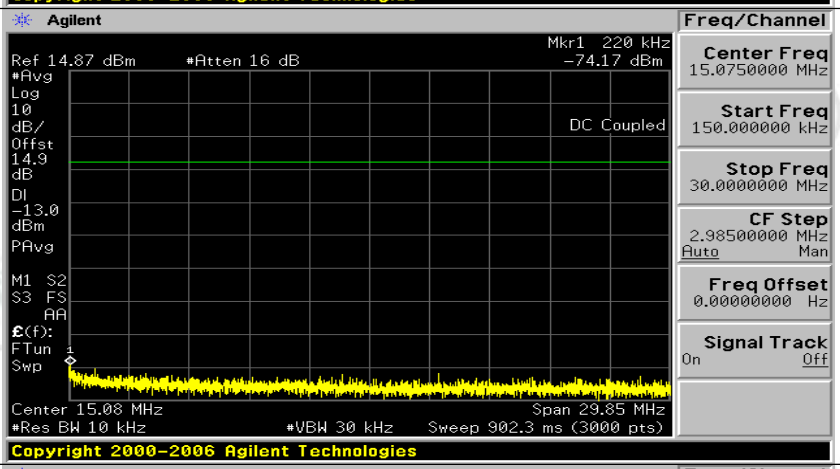


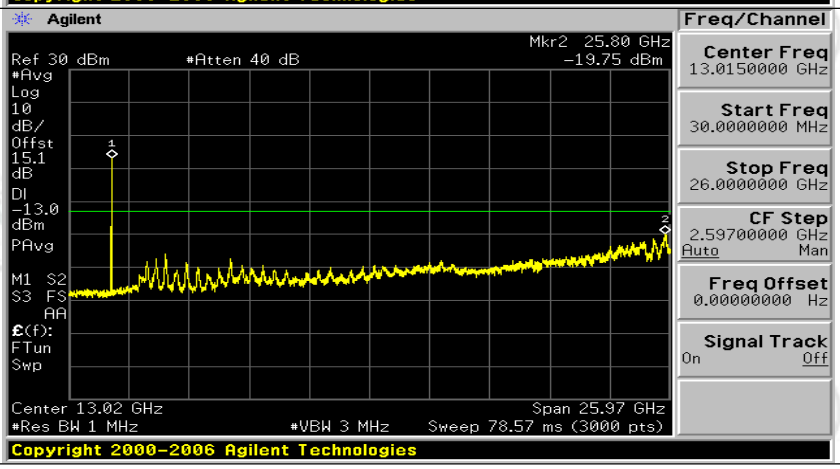




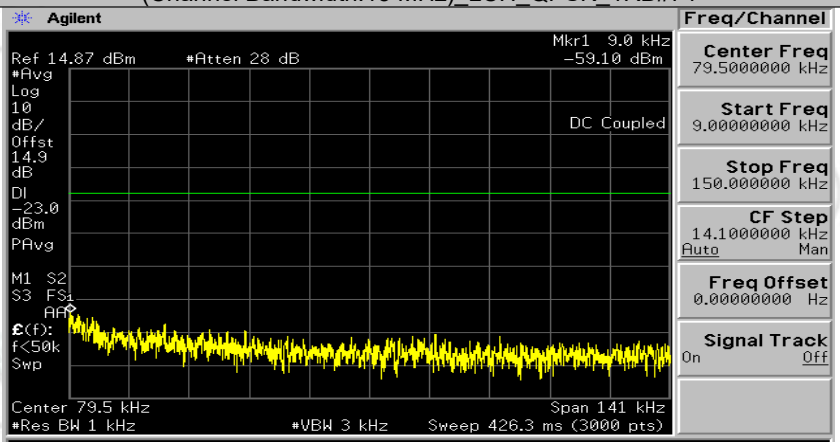
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#37

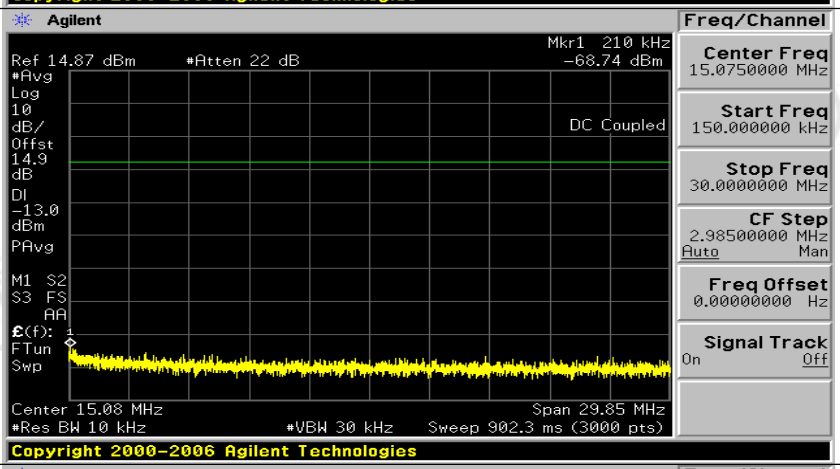


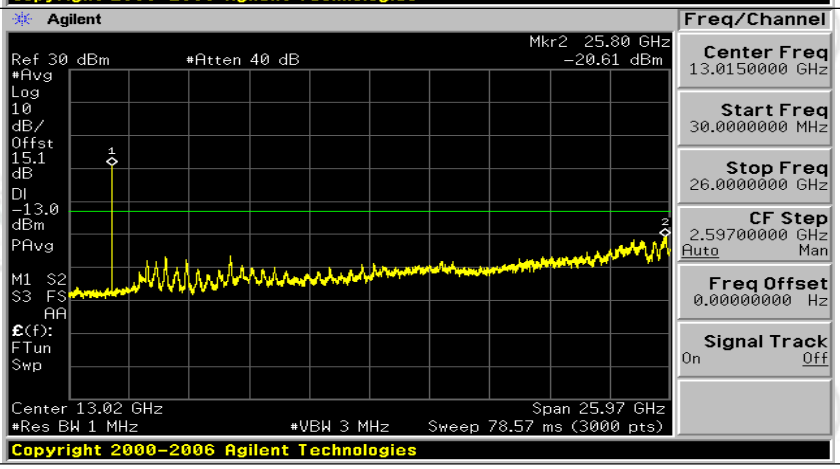




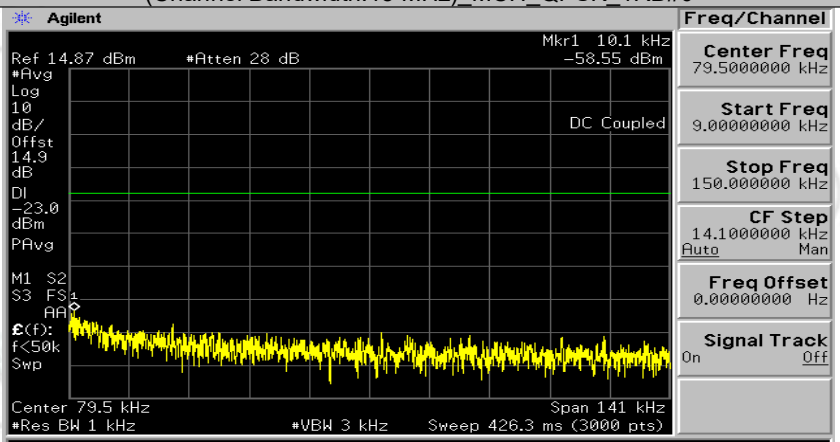
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#74

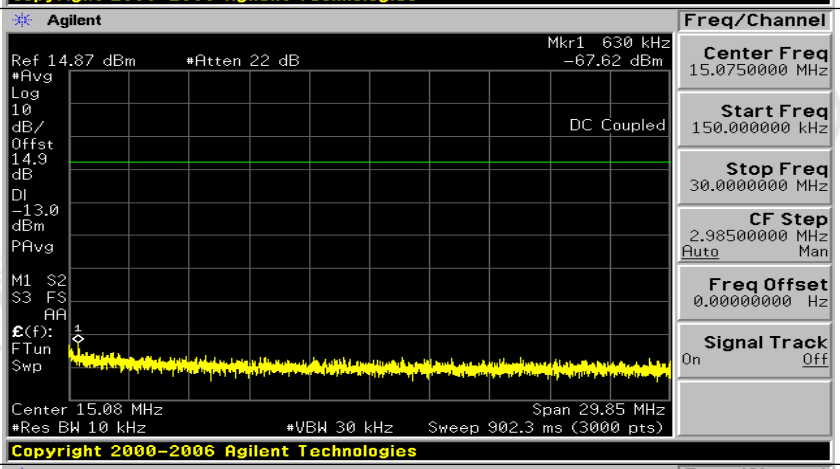


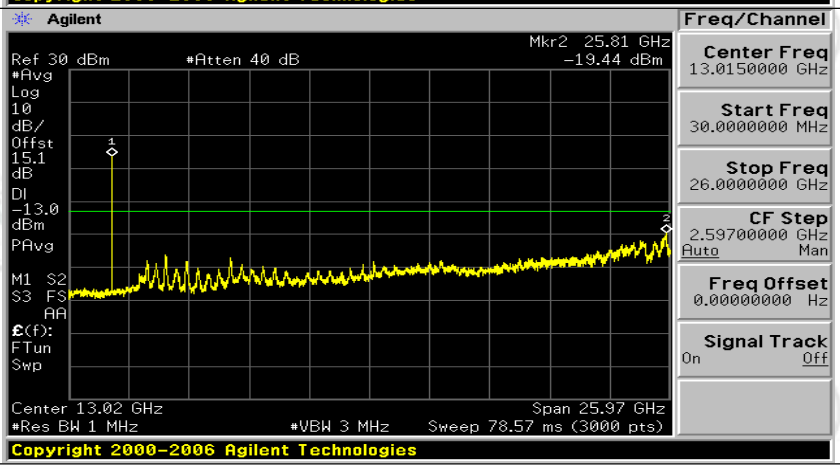




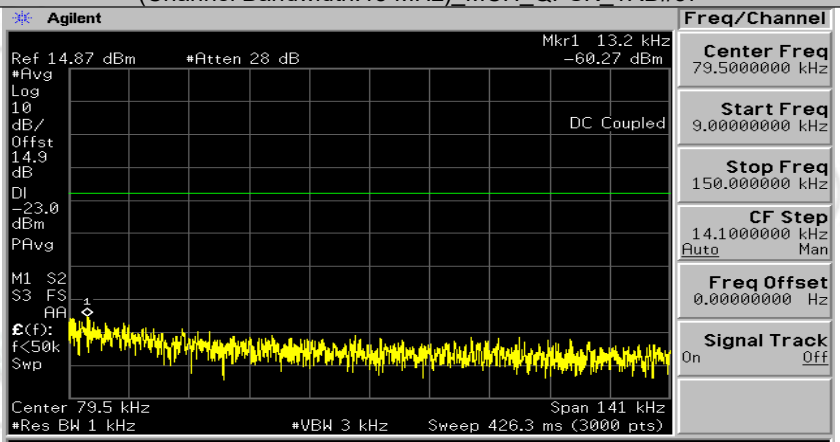
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0

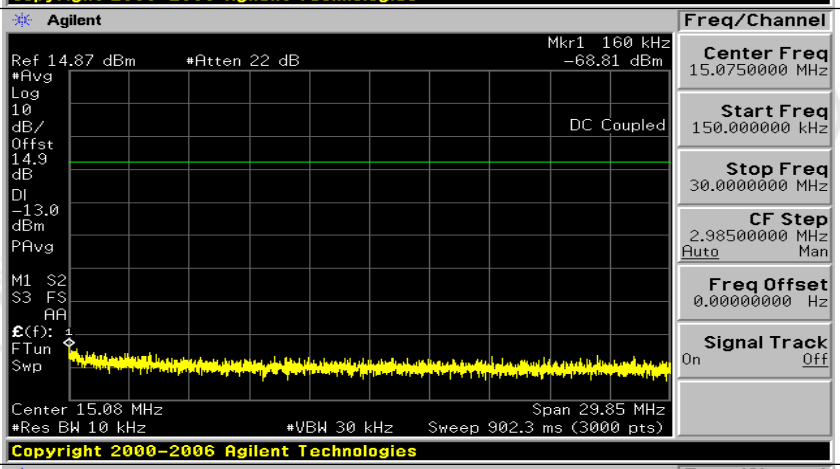


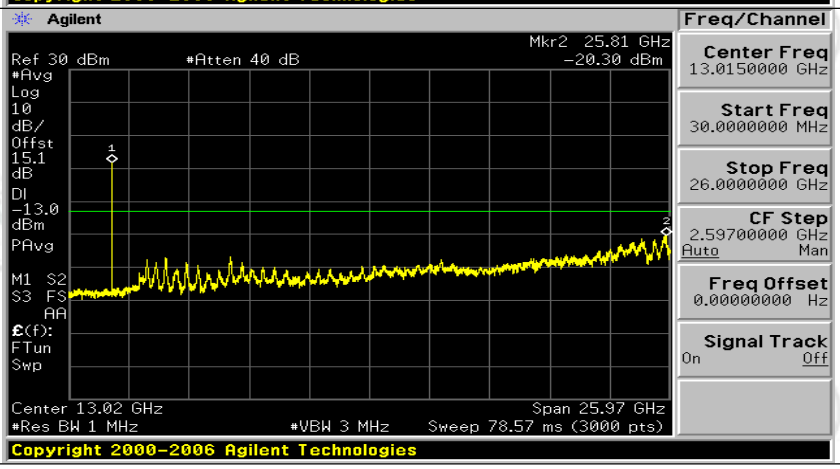




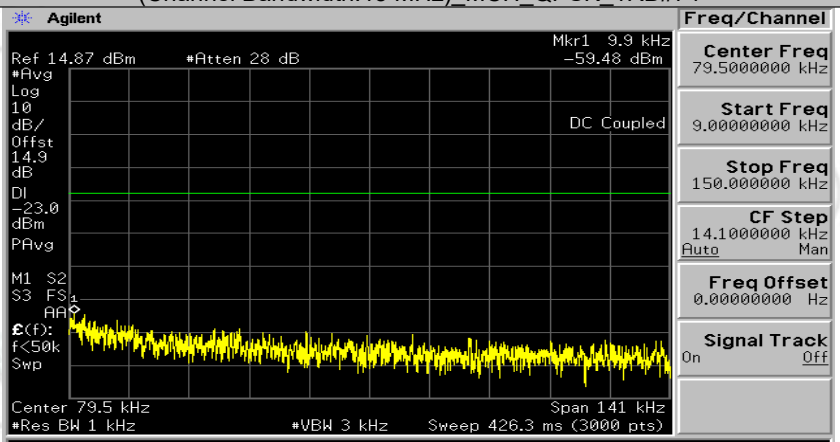
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37

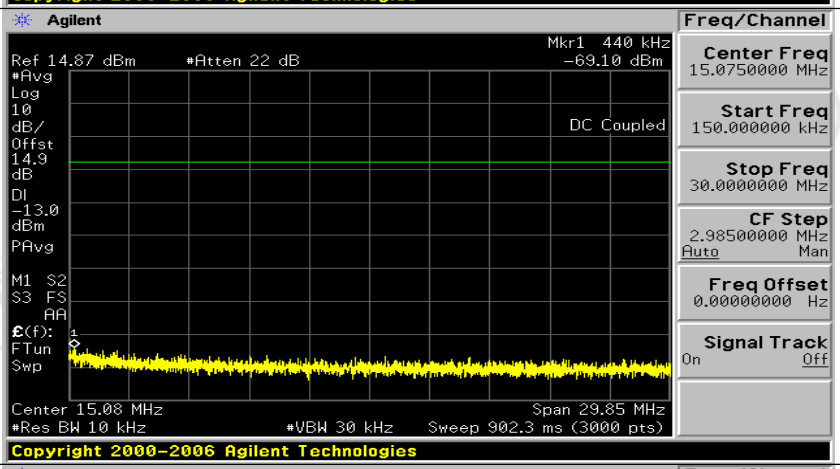


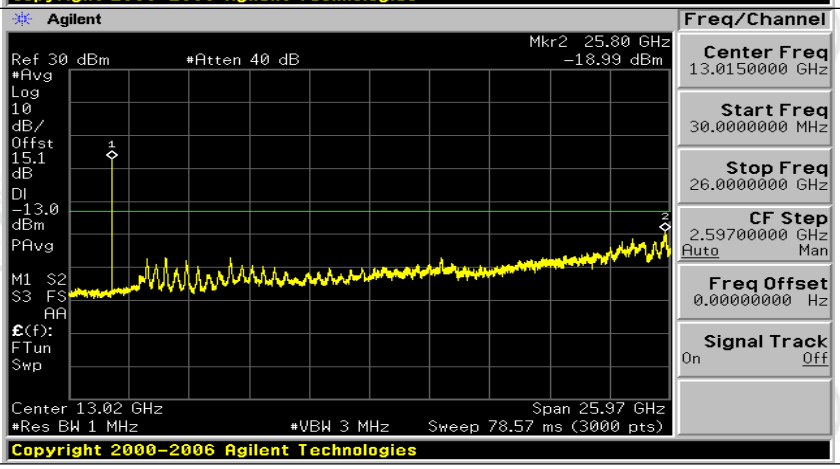




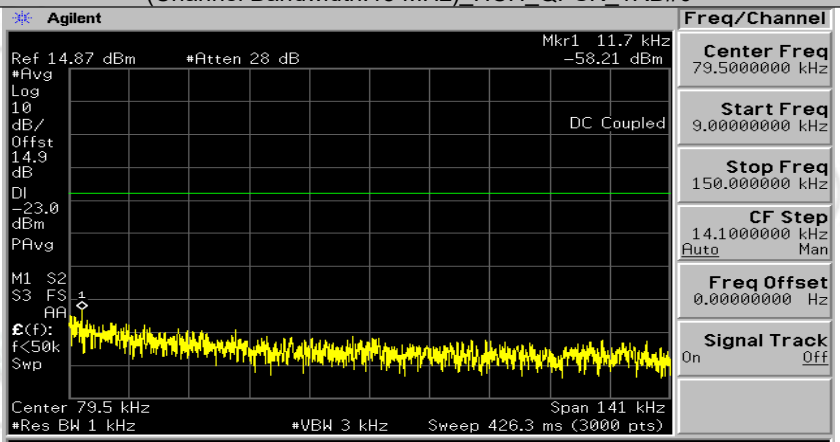
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74

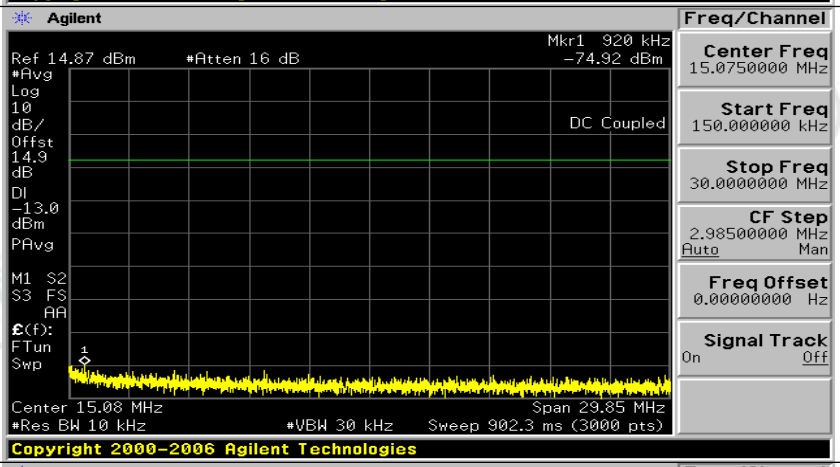


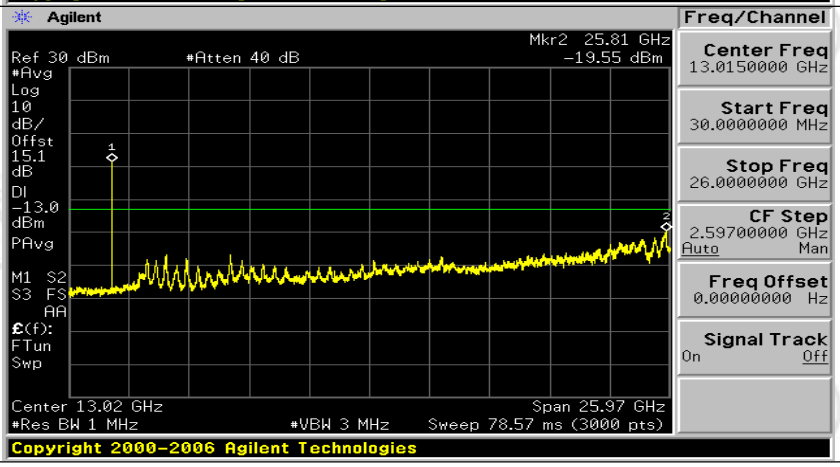




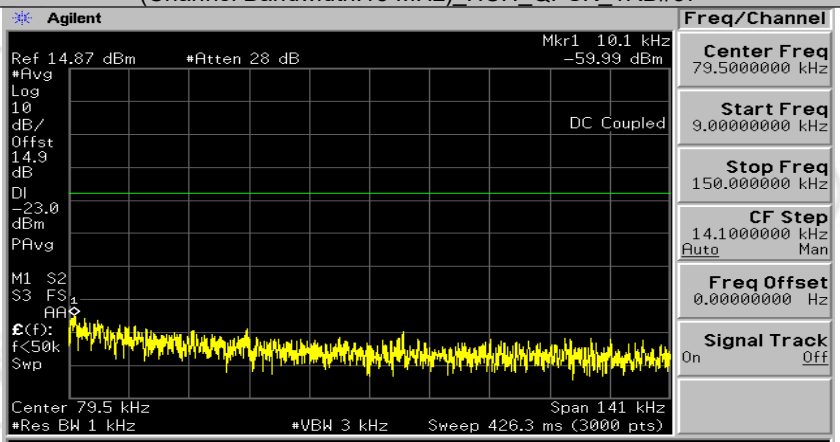
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0

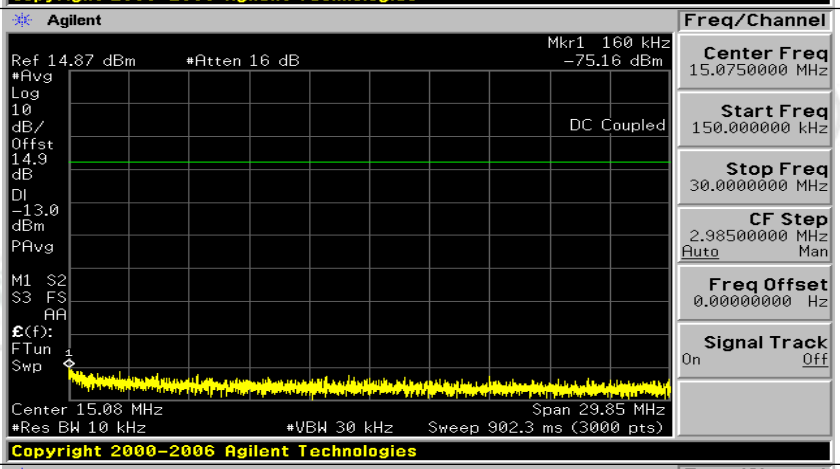


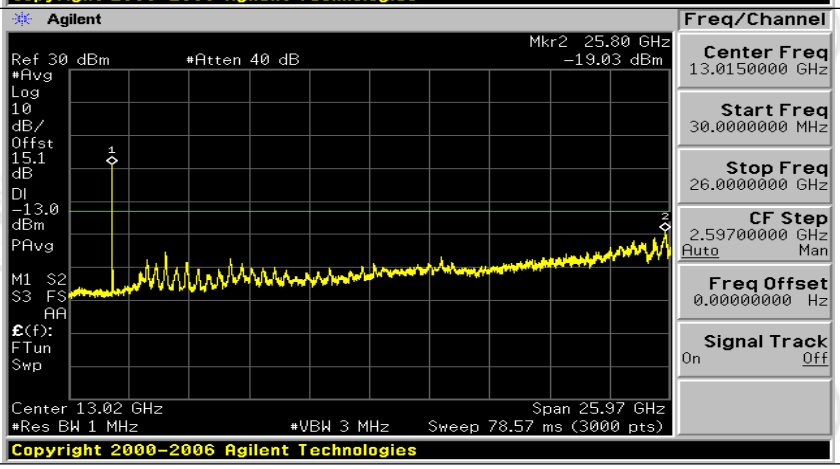




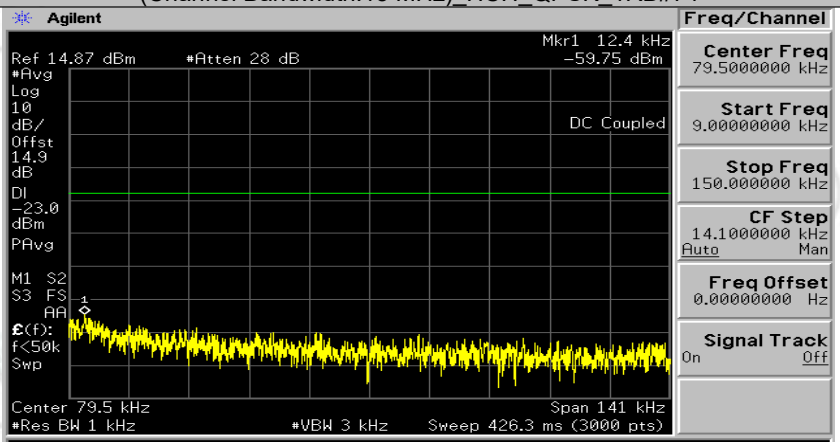
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37

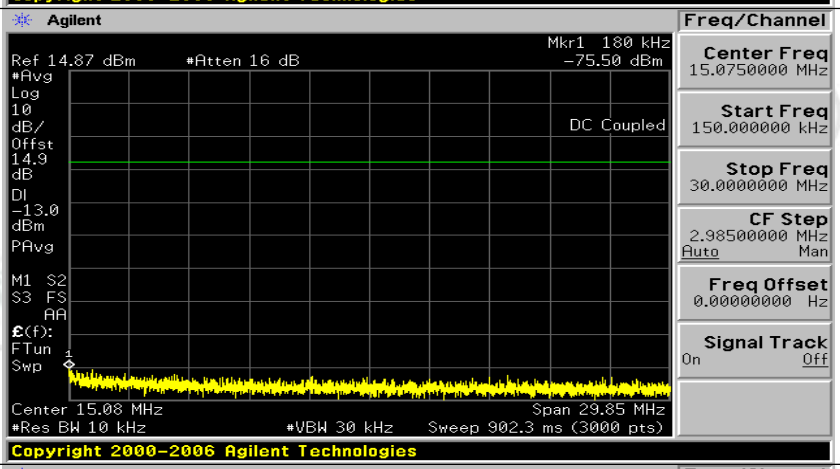


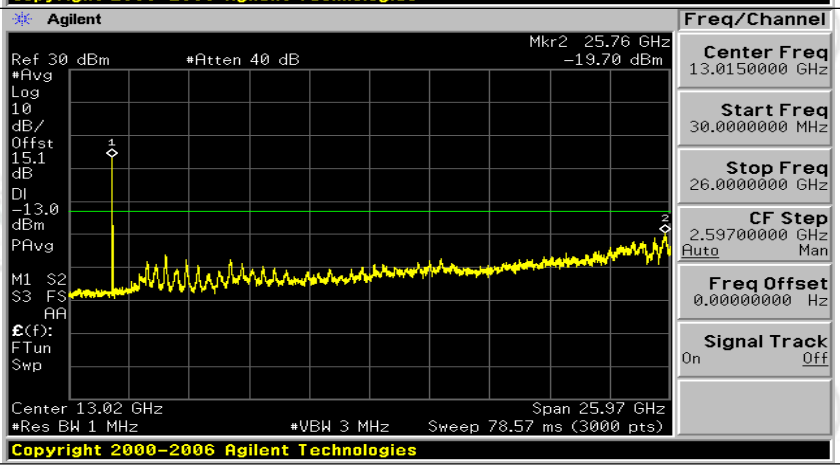




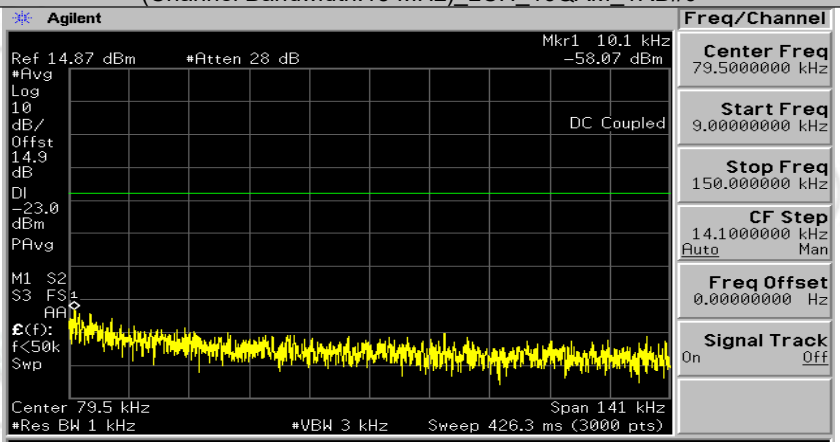
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74

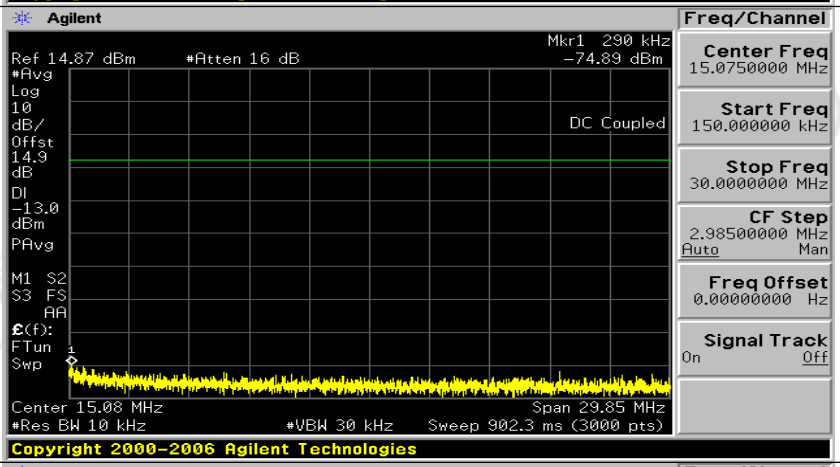


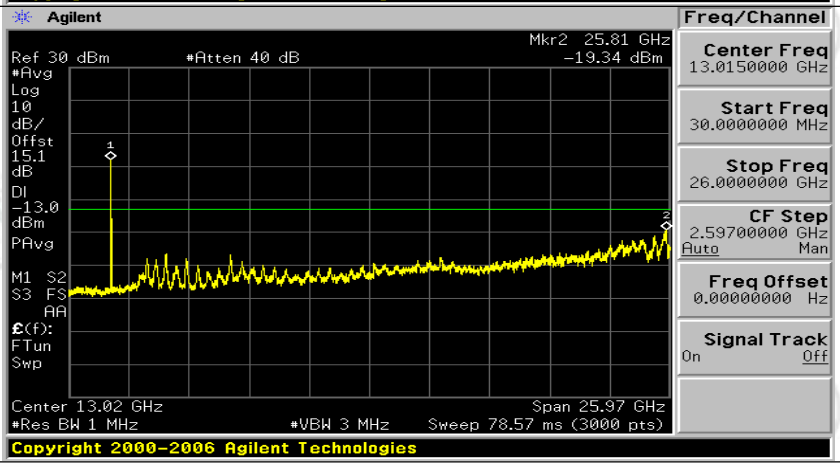




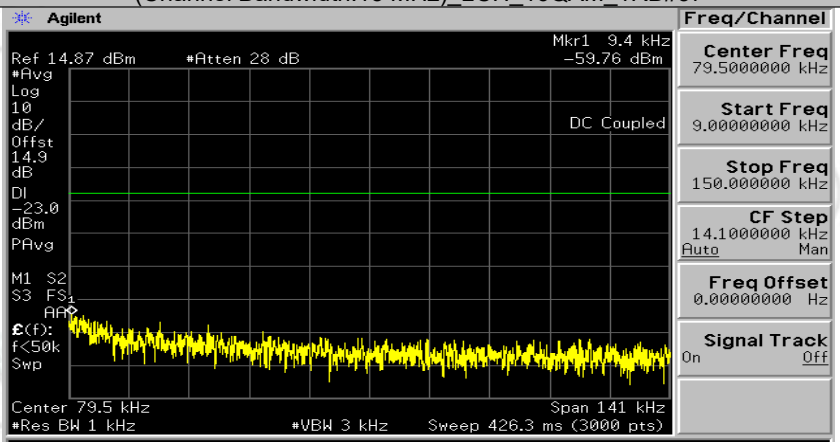
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0

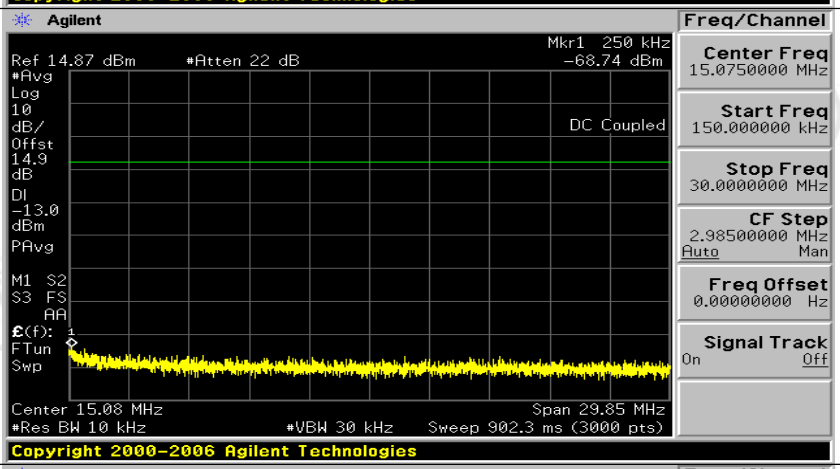


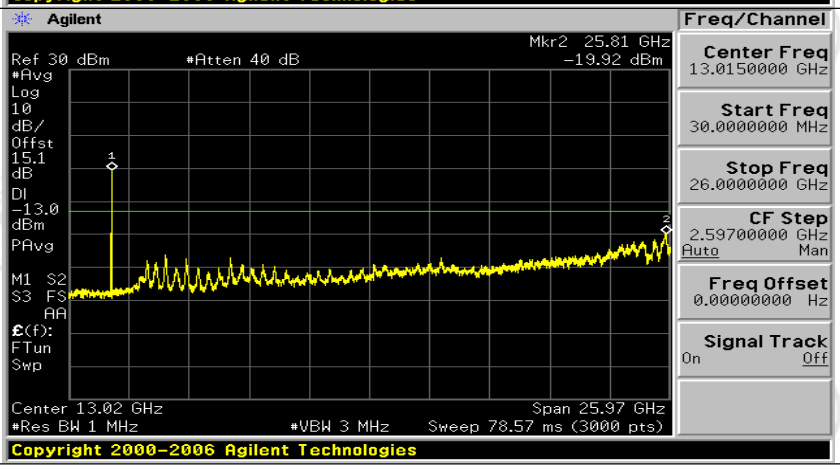




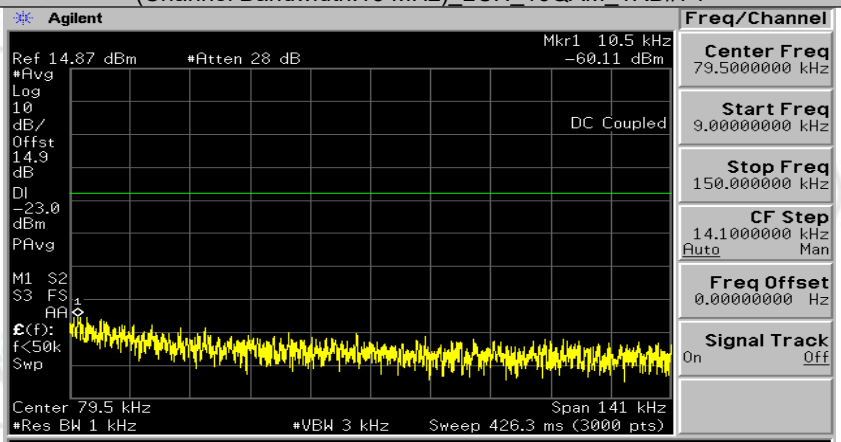
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37

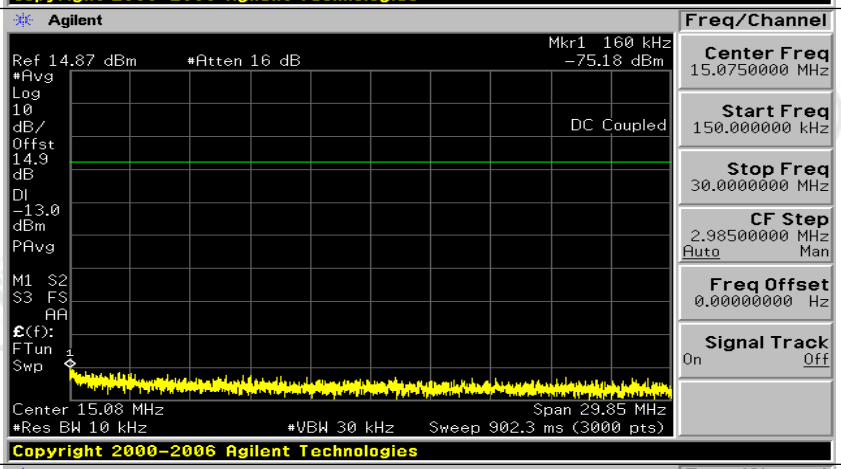


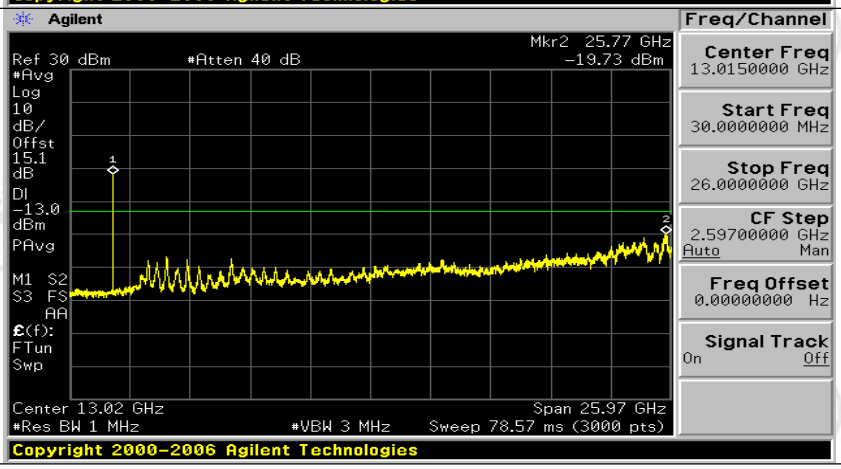




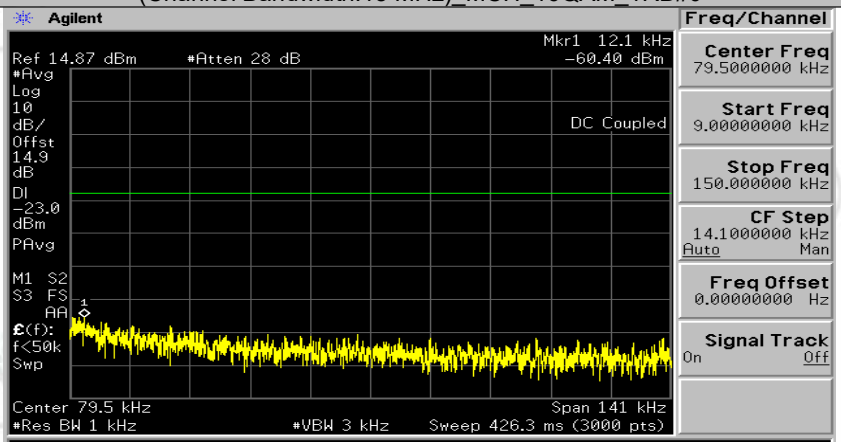
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74

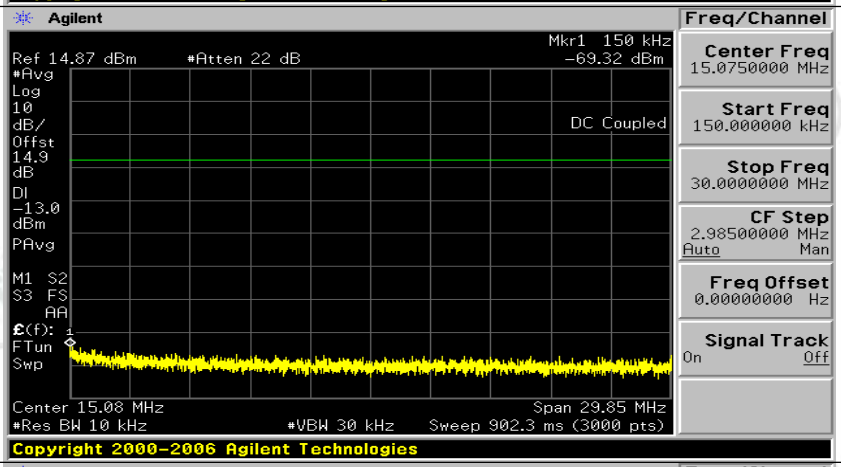


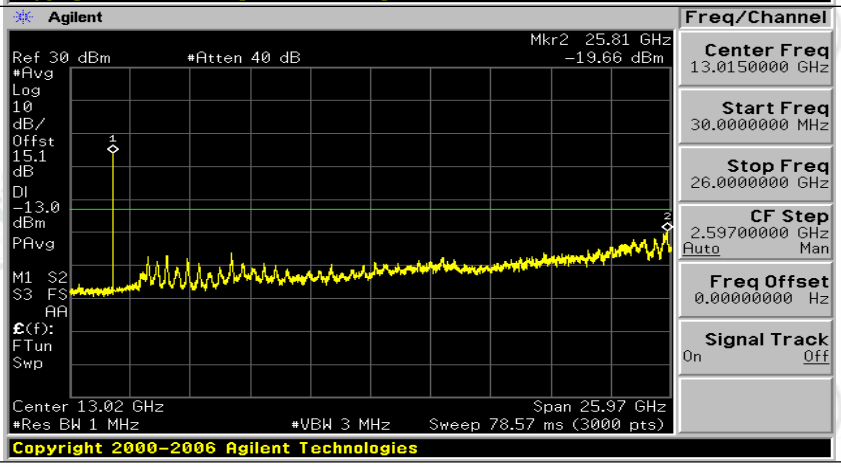




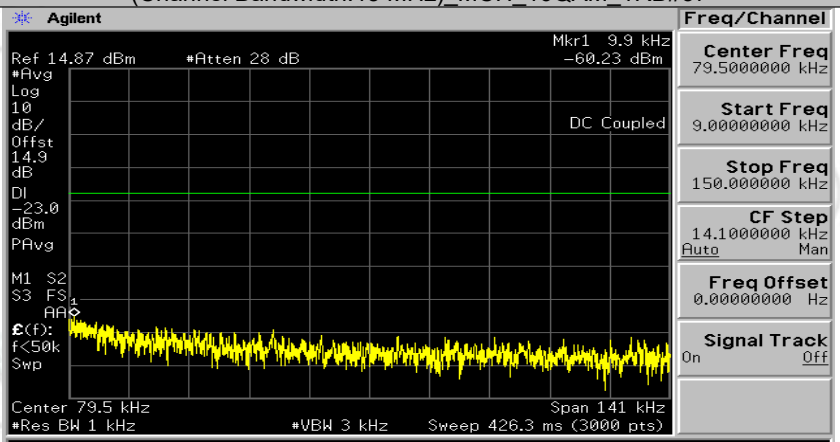
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

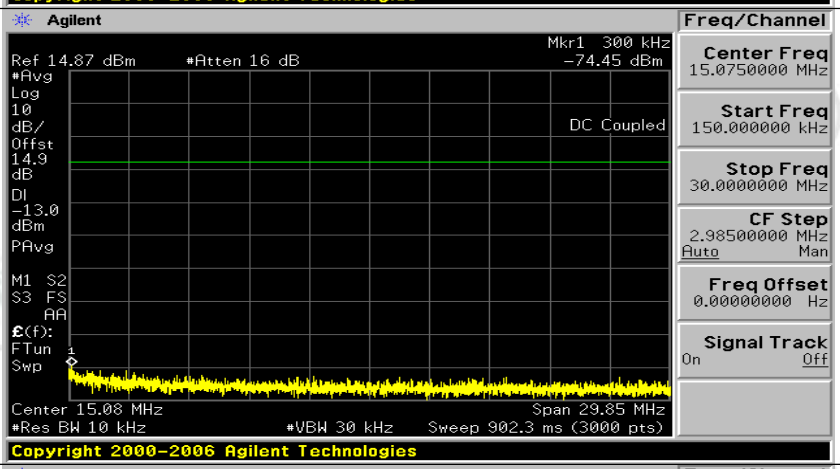


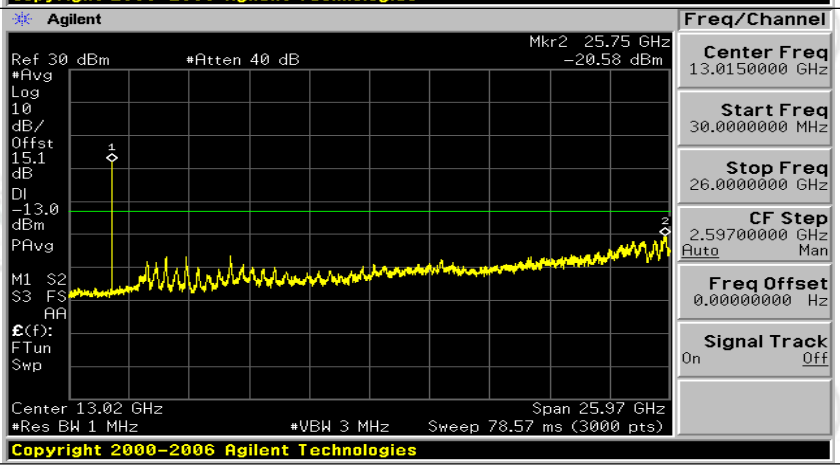




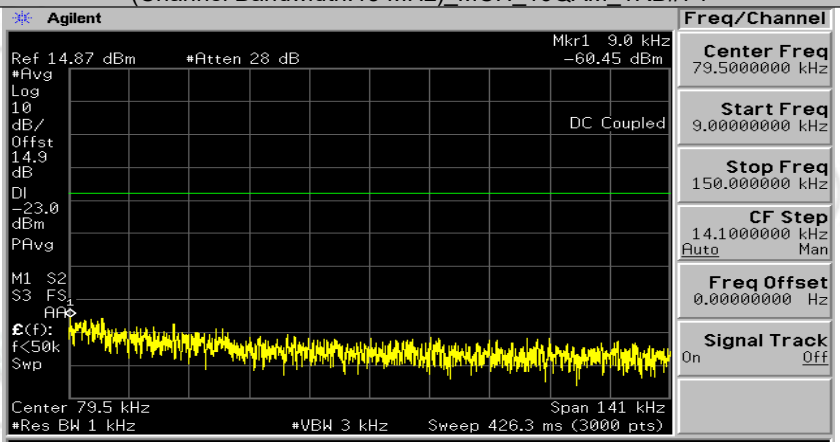
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

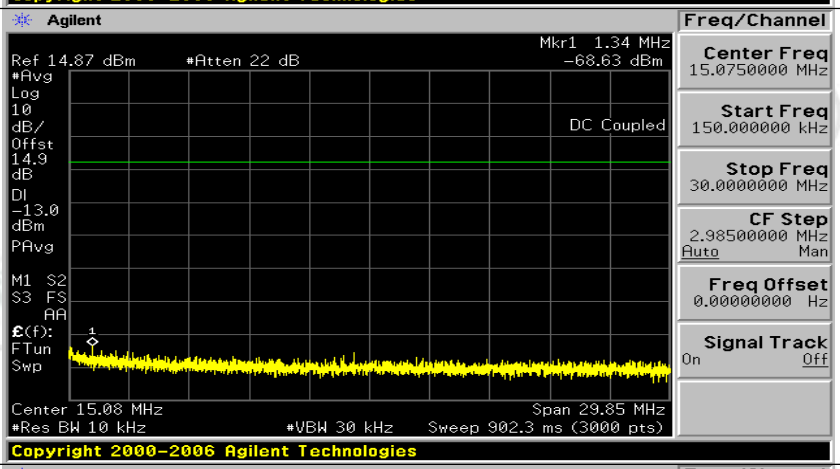


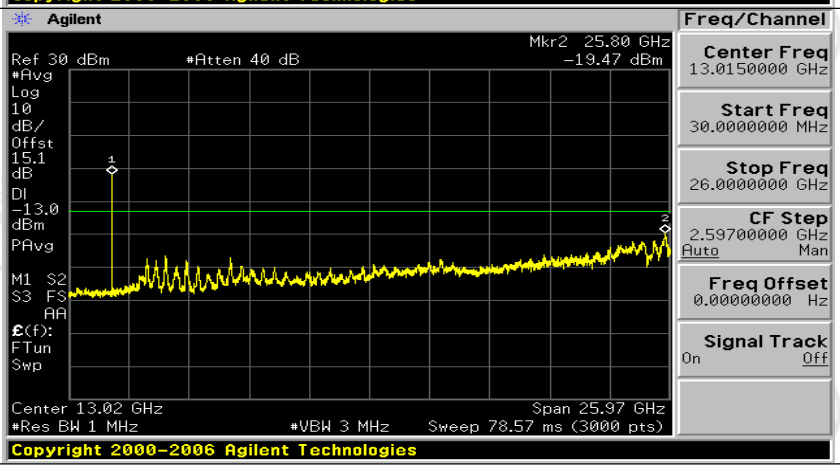




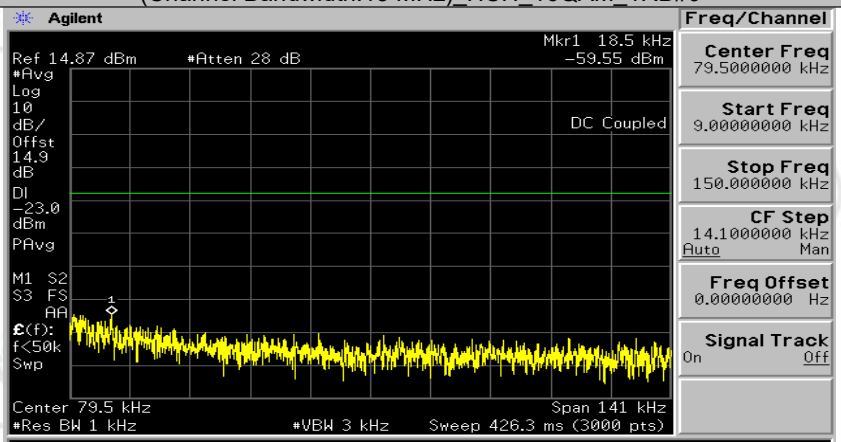
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74

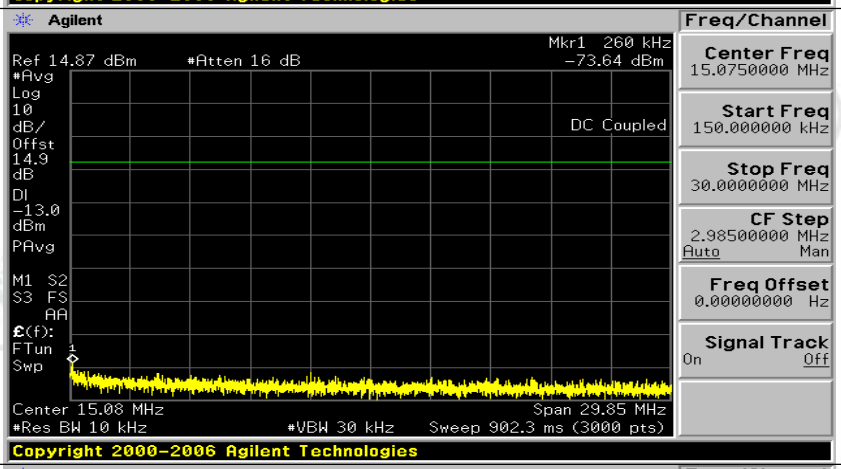


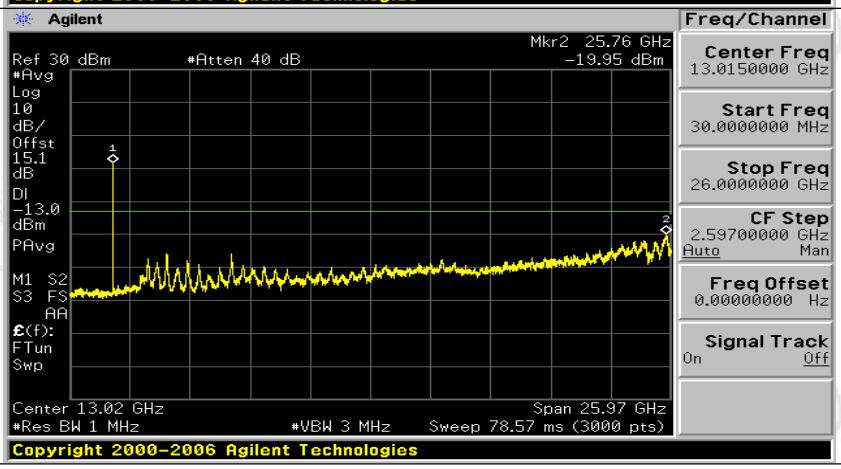




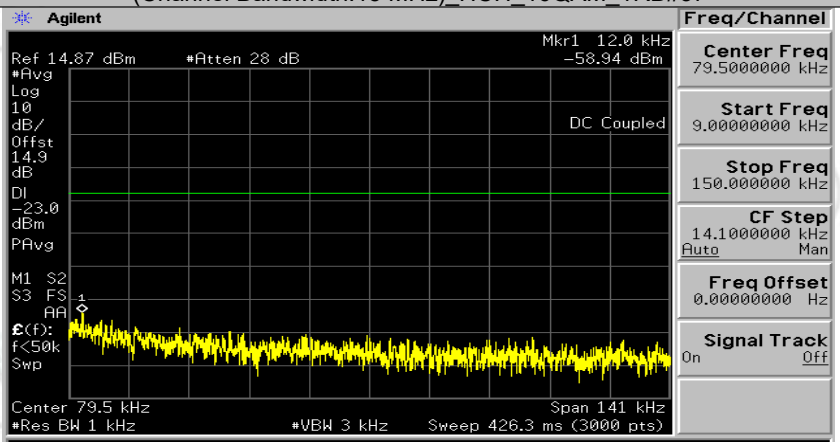
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

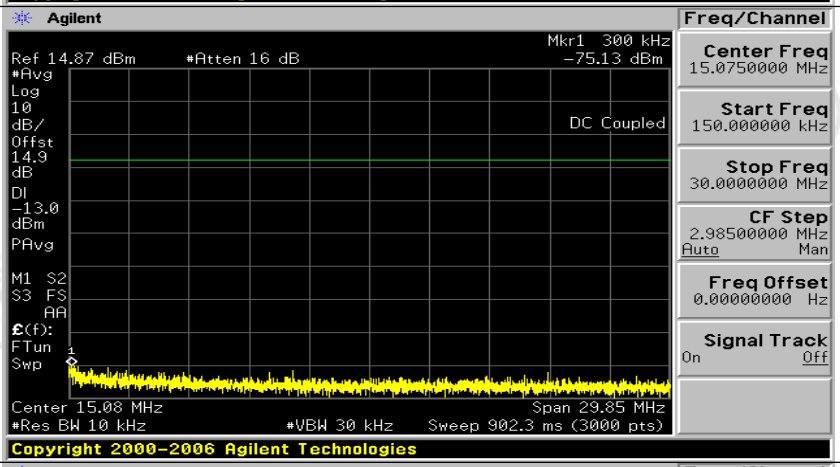


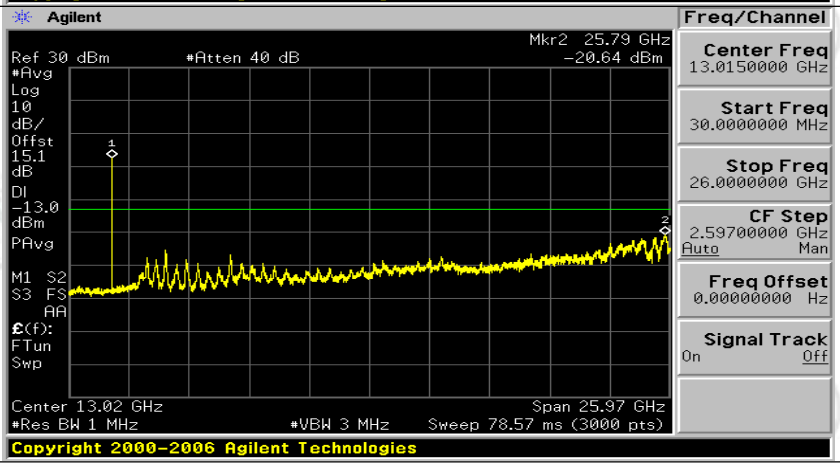




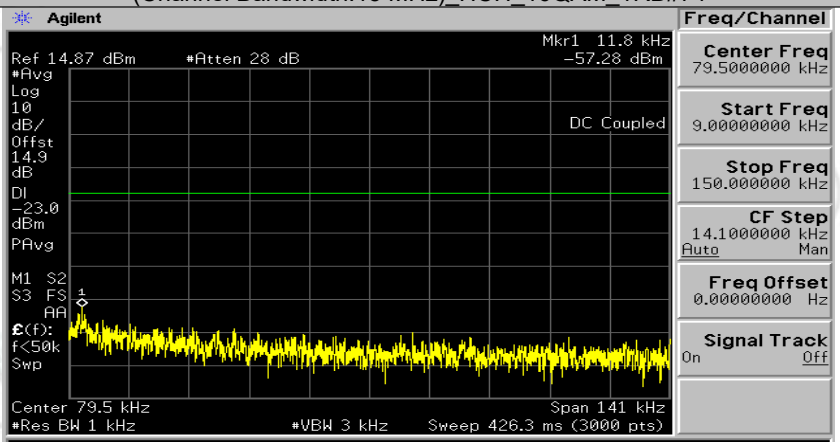
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37

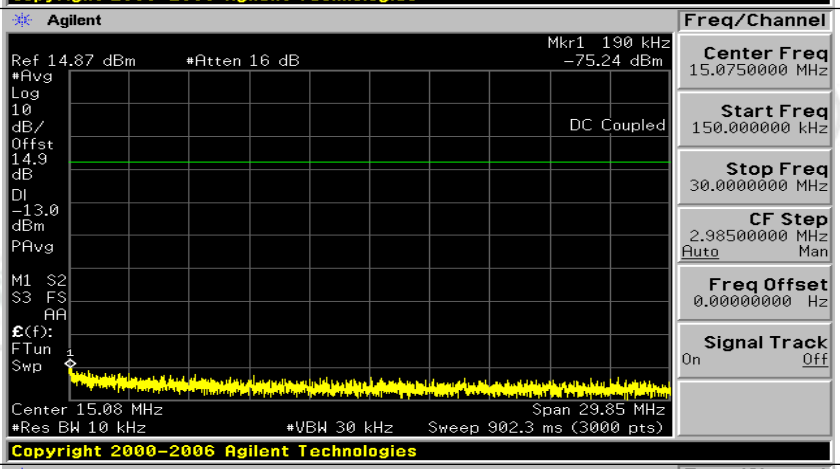


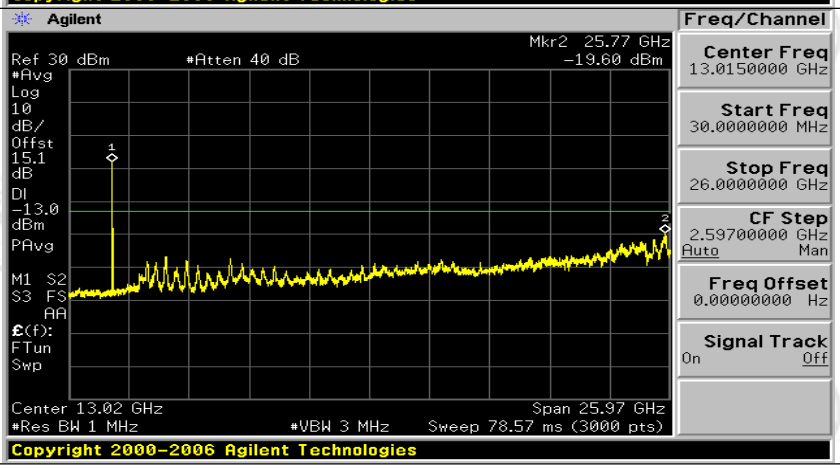




(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74

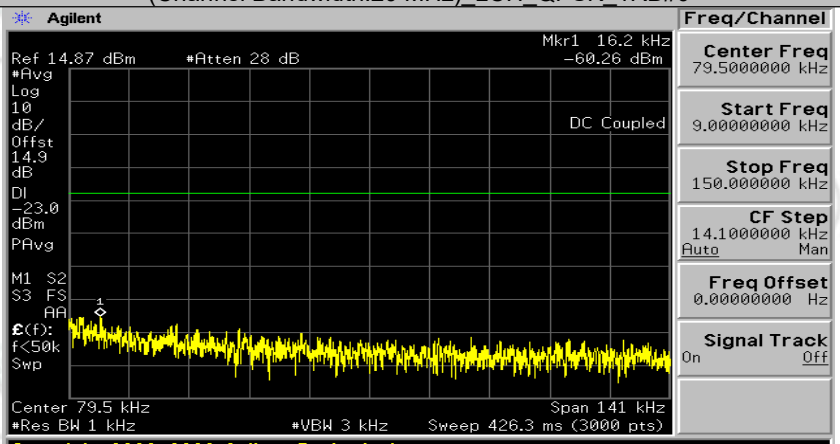


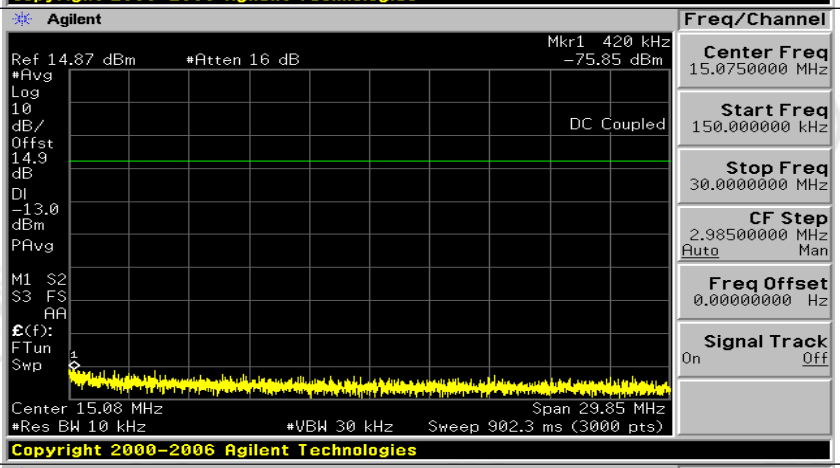


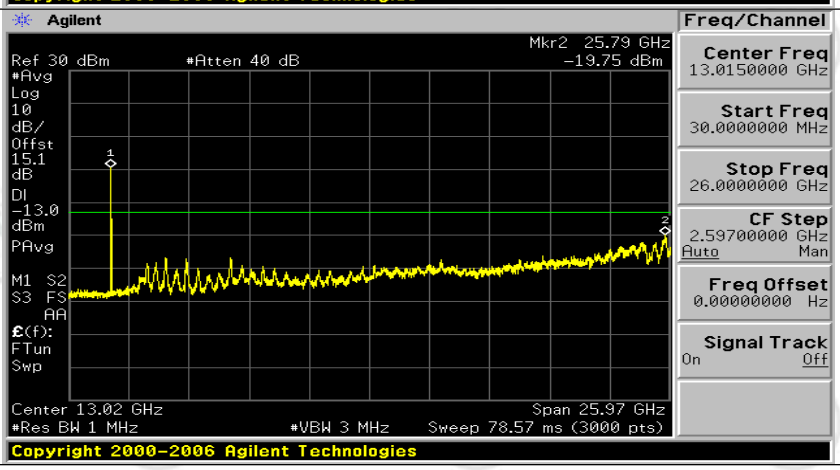


Channel Bandwidth: 20 MHz

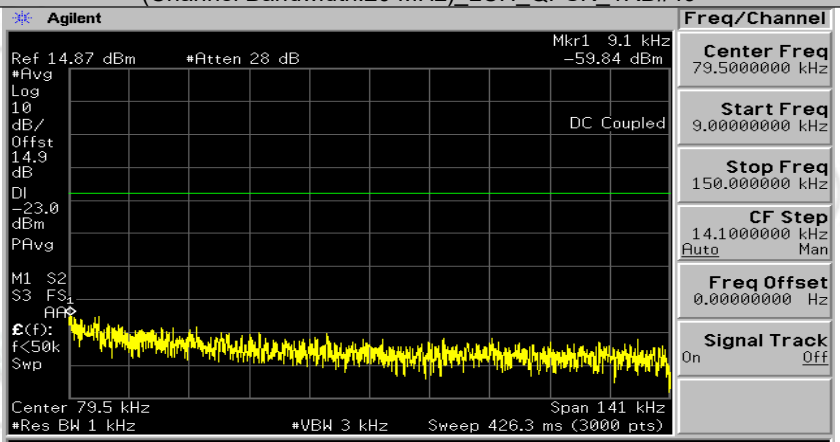
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0

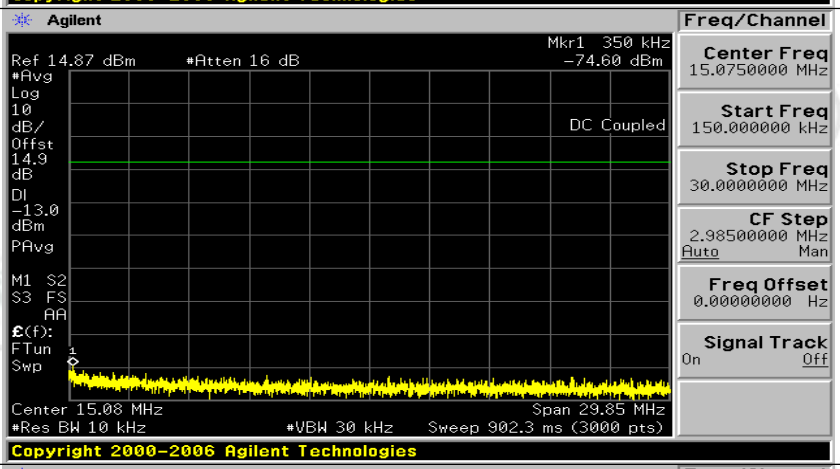


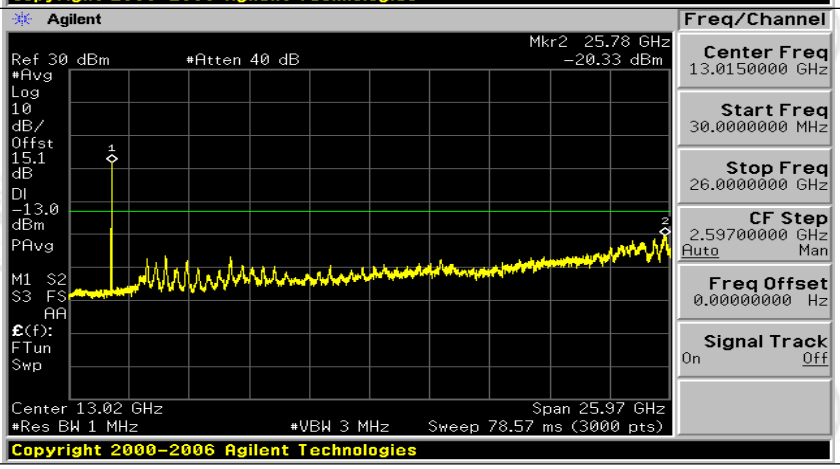




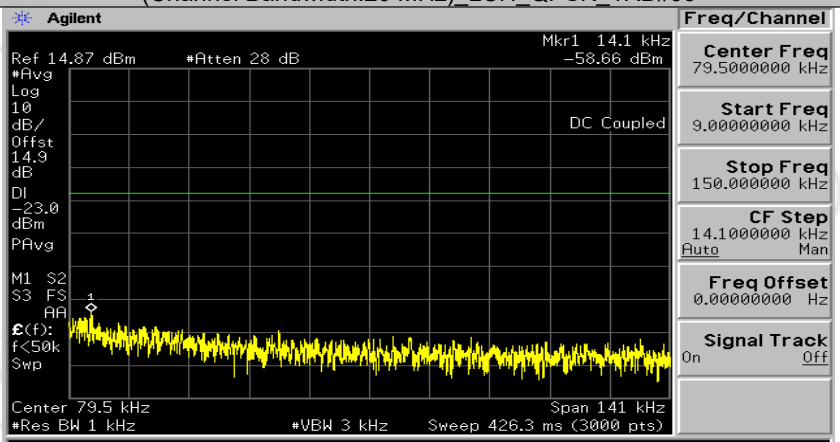
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#49

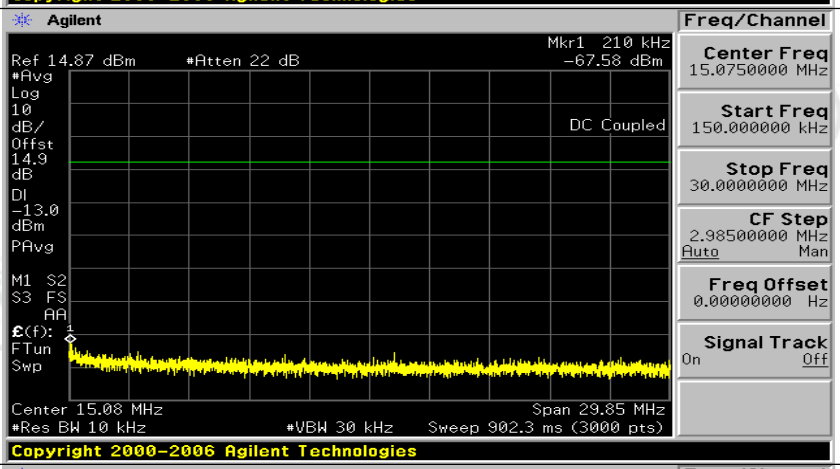


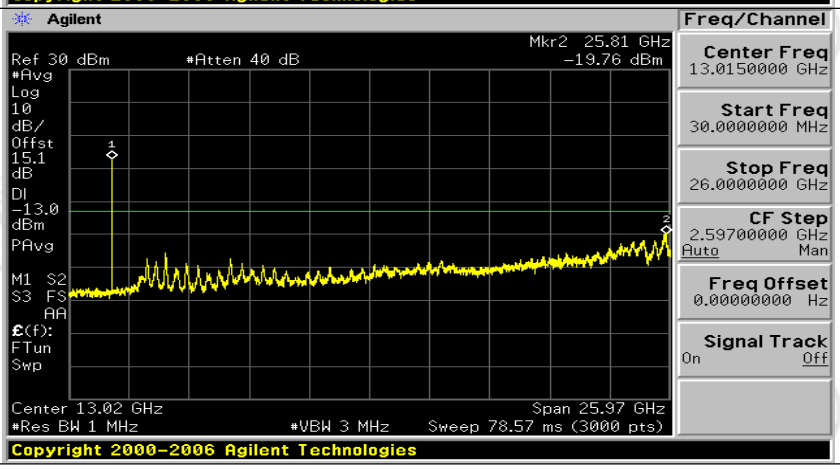




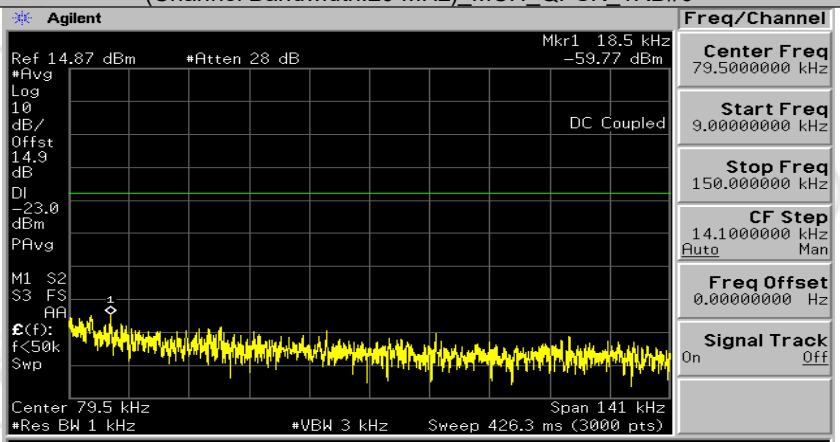
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99

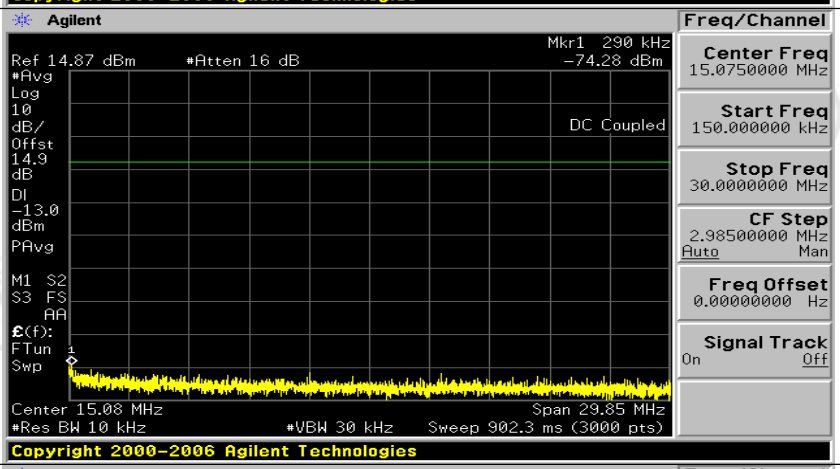


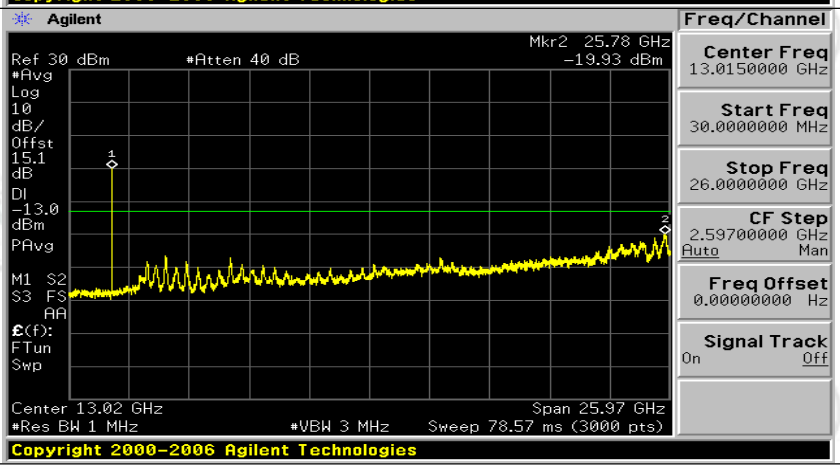




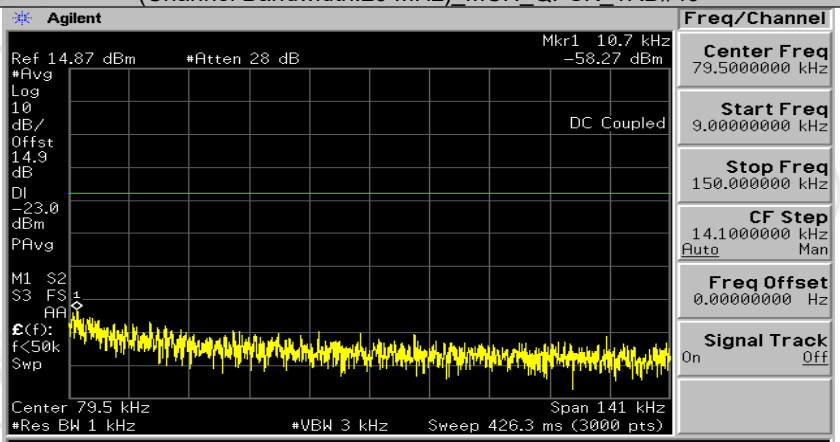
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

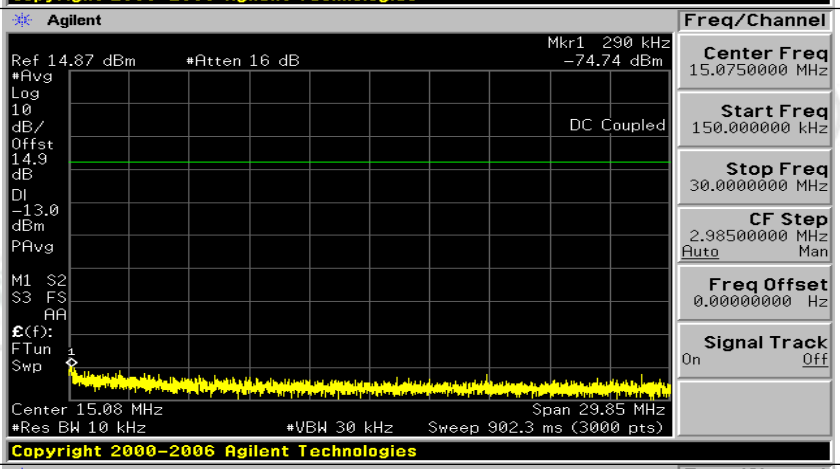


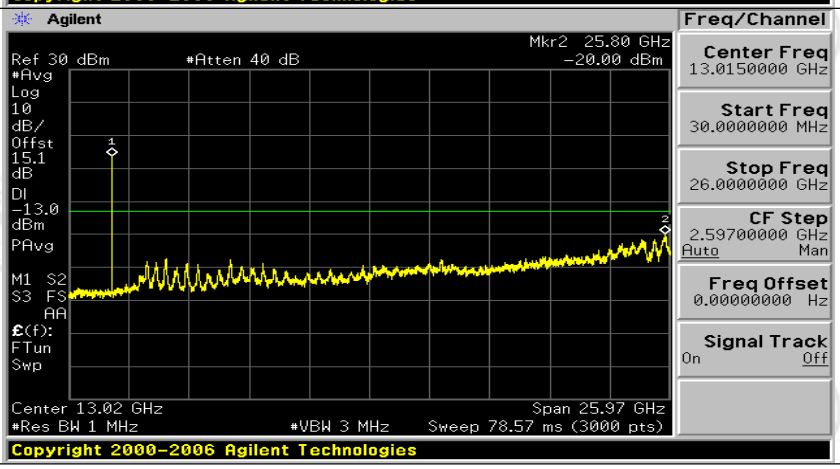




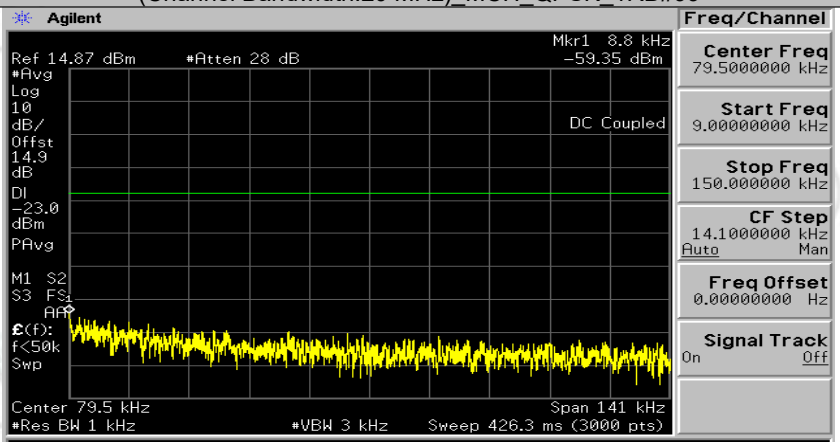
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49

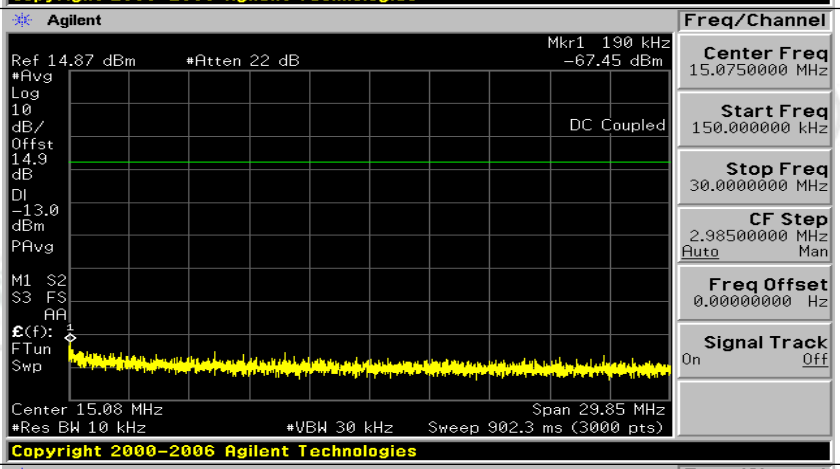


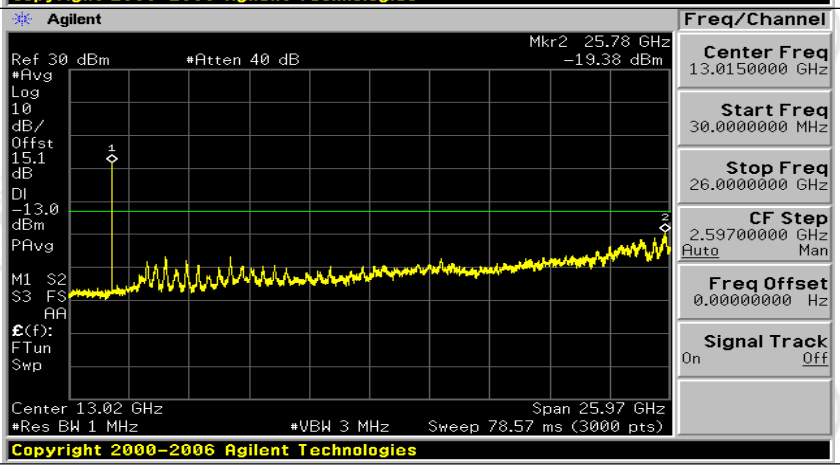




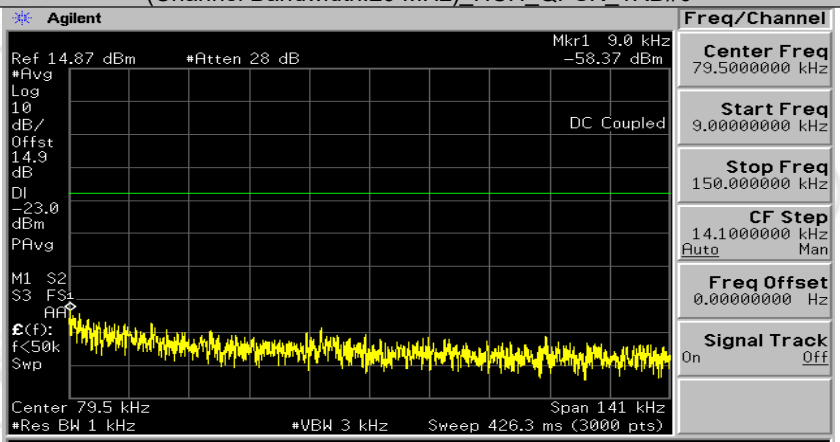
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99

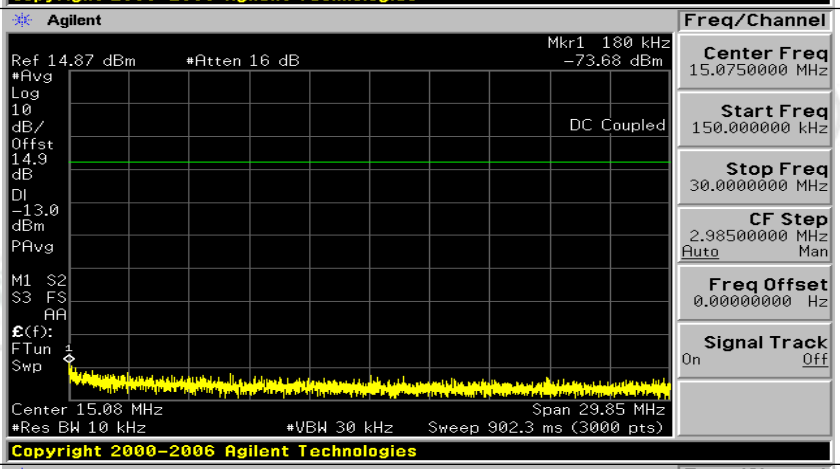


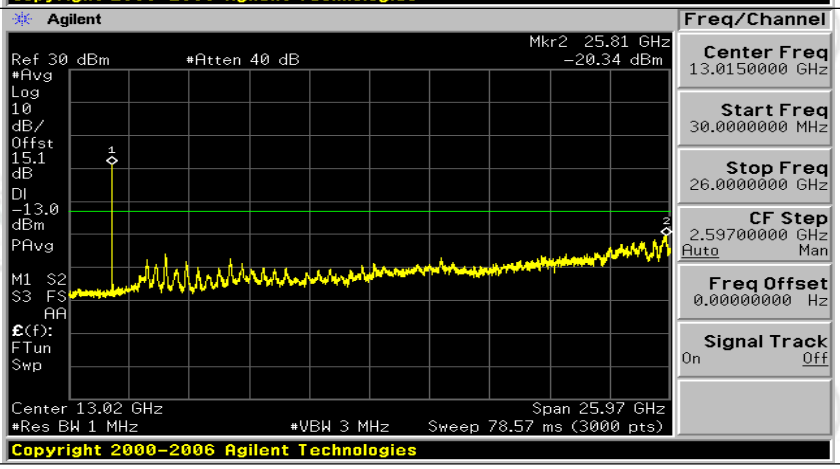




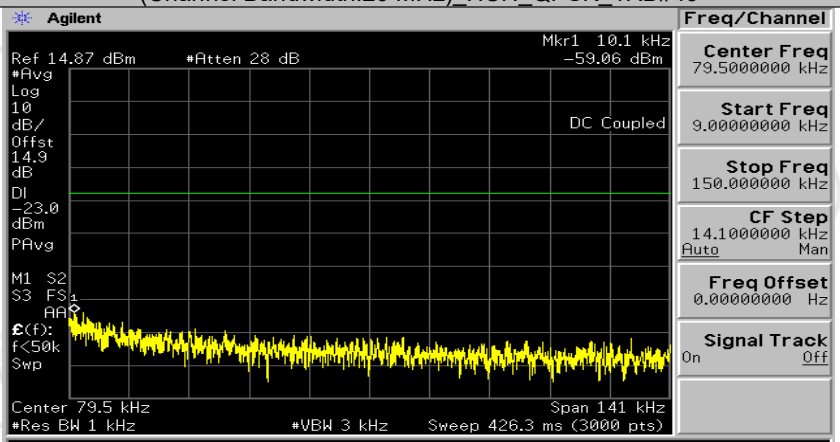
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

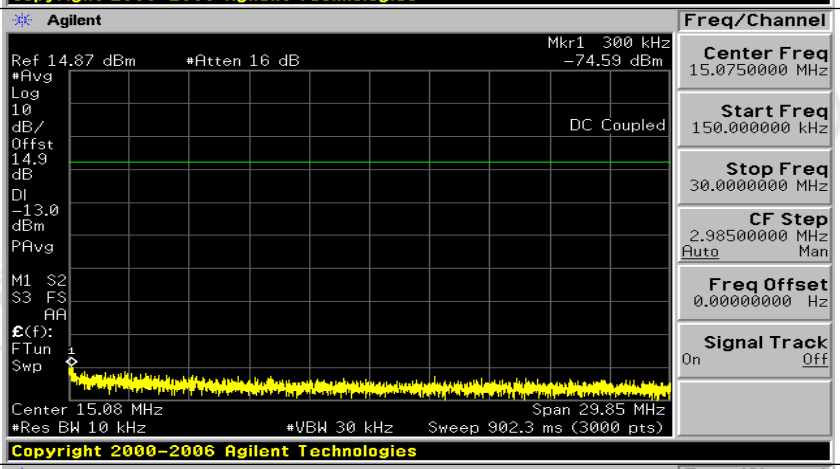


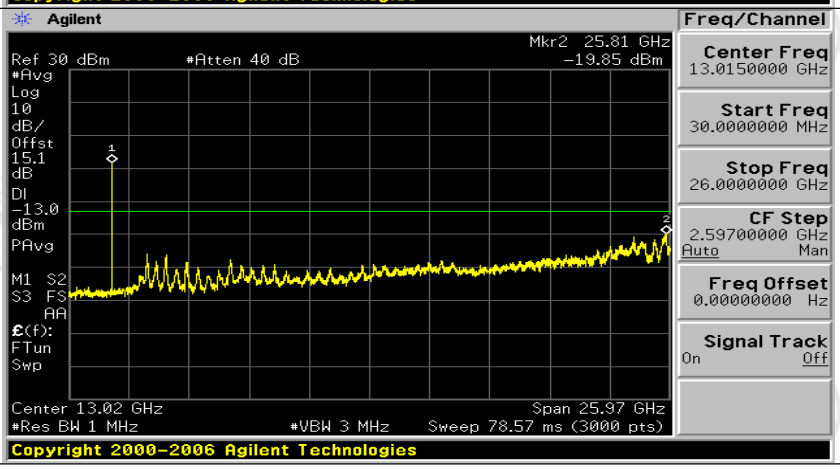




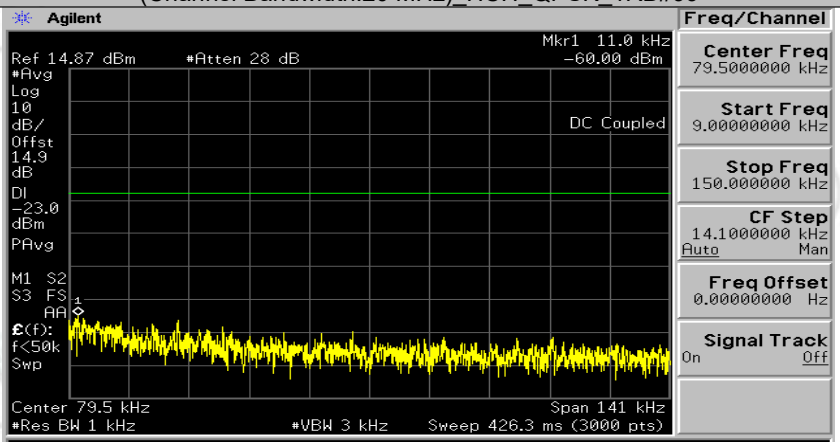
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49

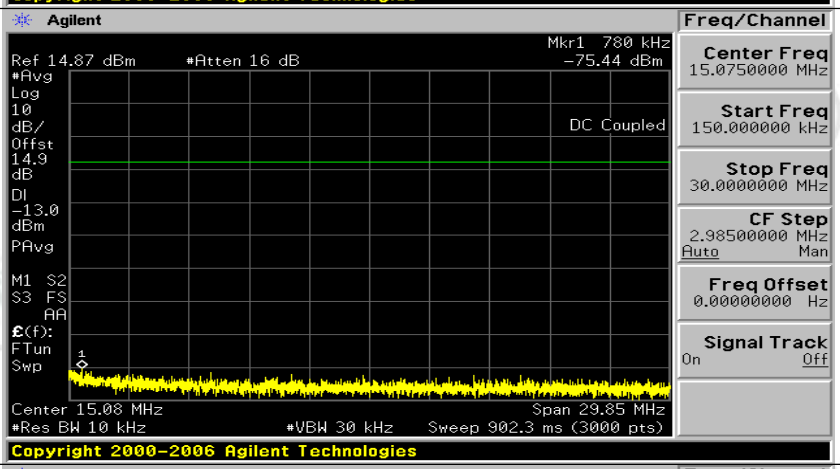


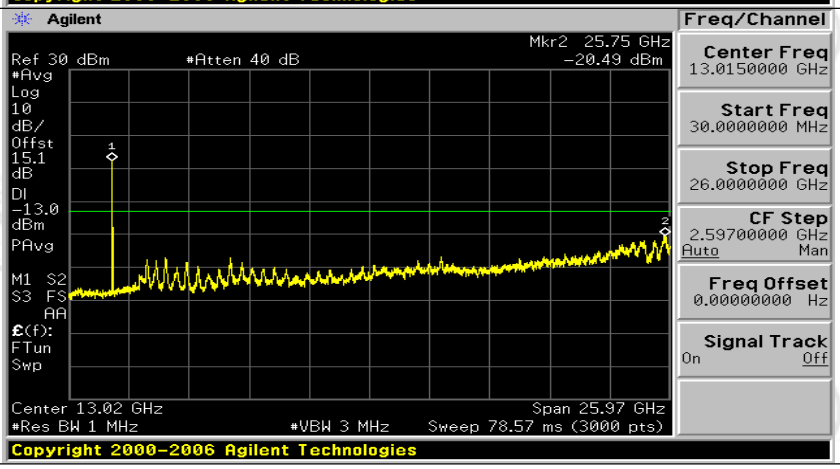




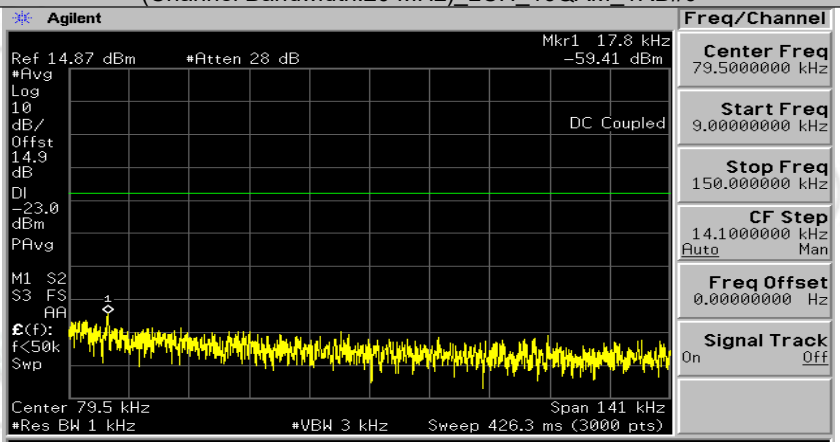
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99

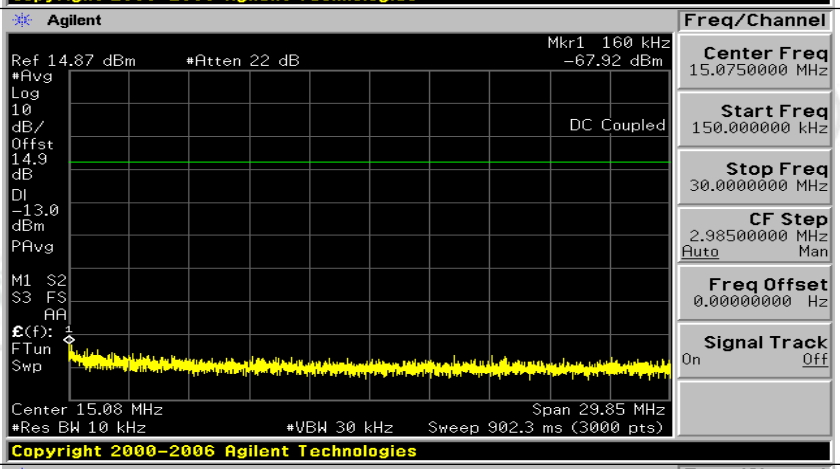


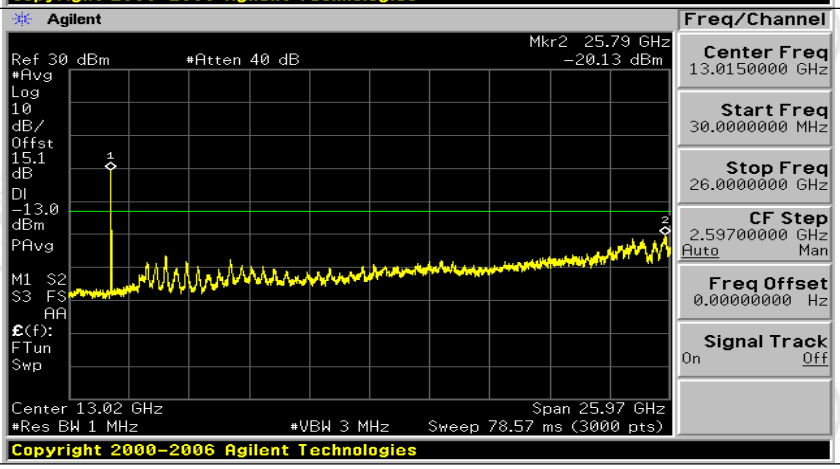




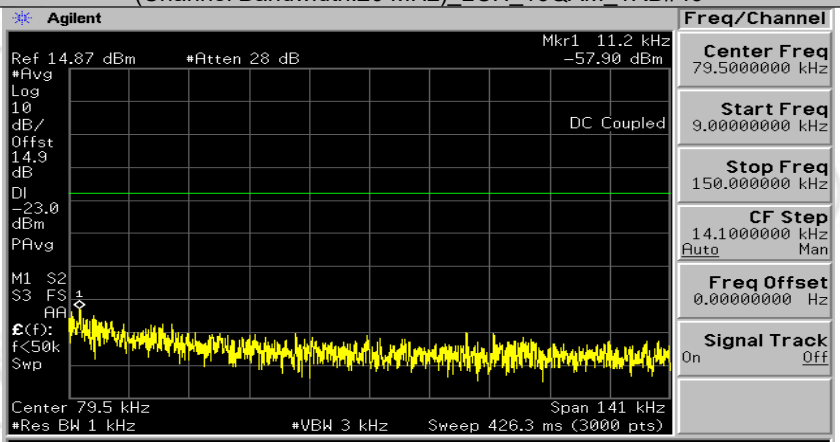
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0

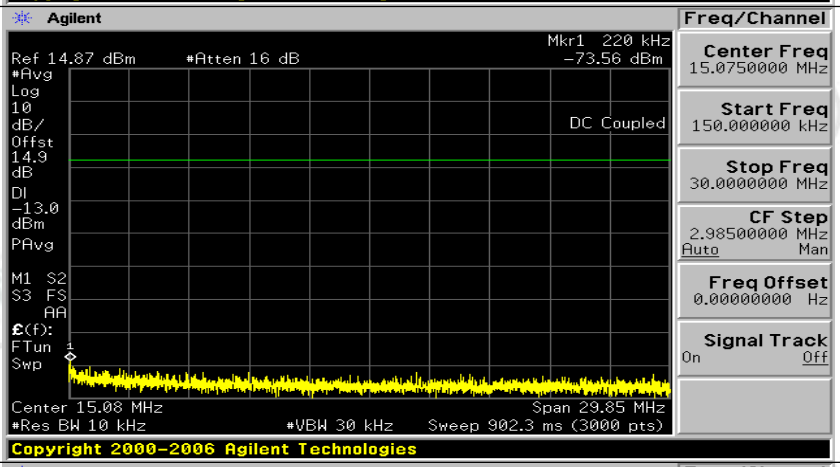


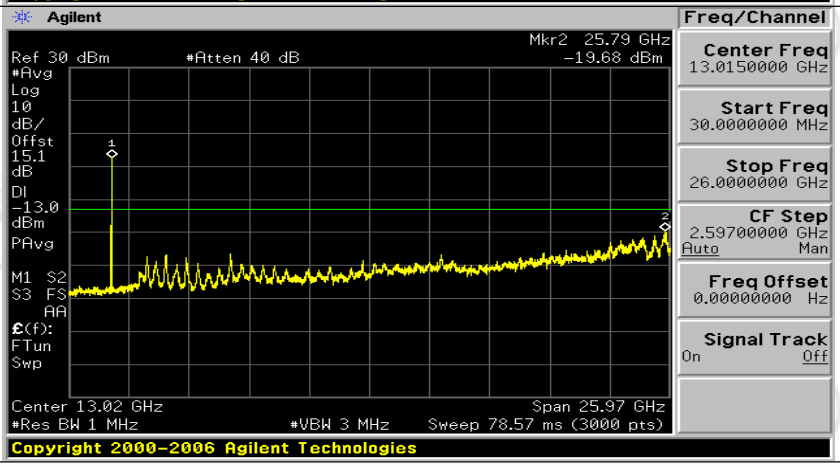




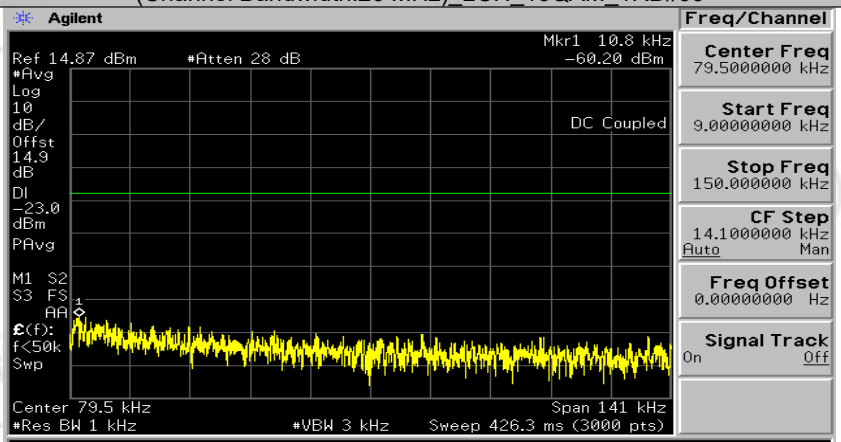
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49

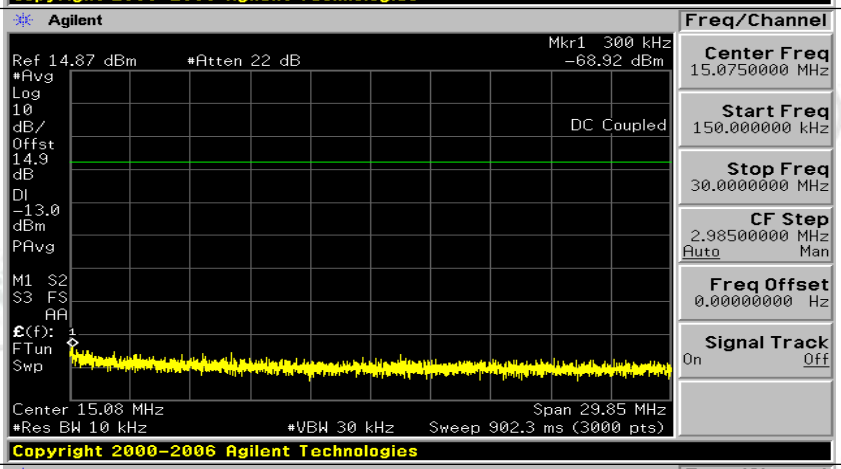


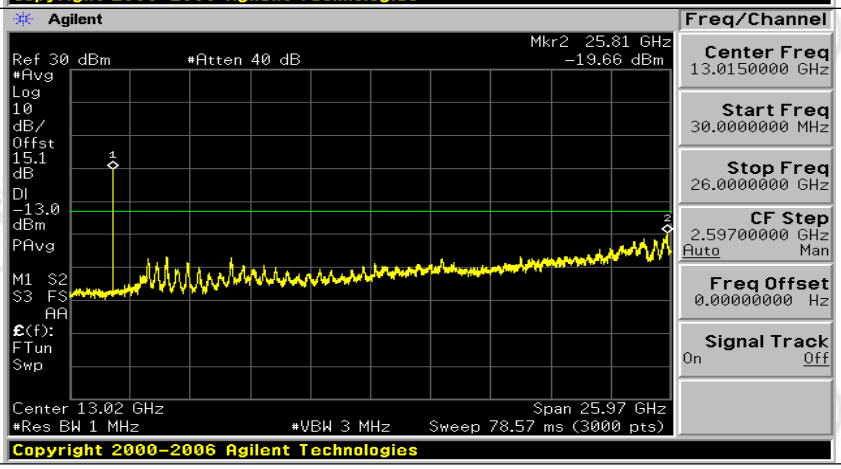




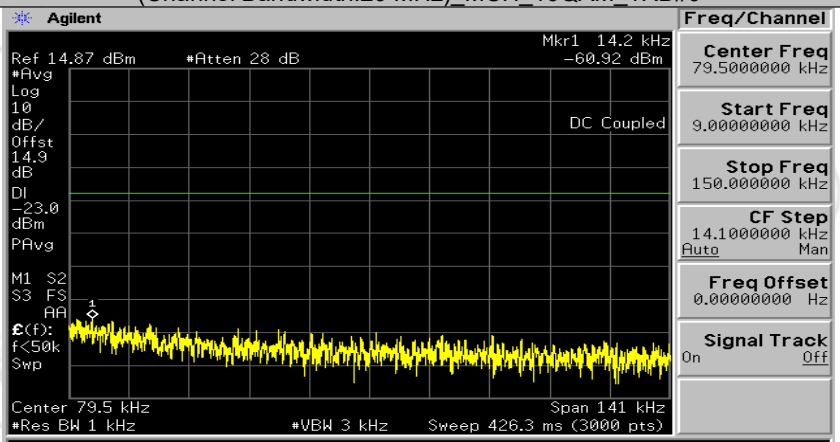
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99

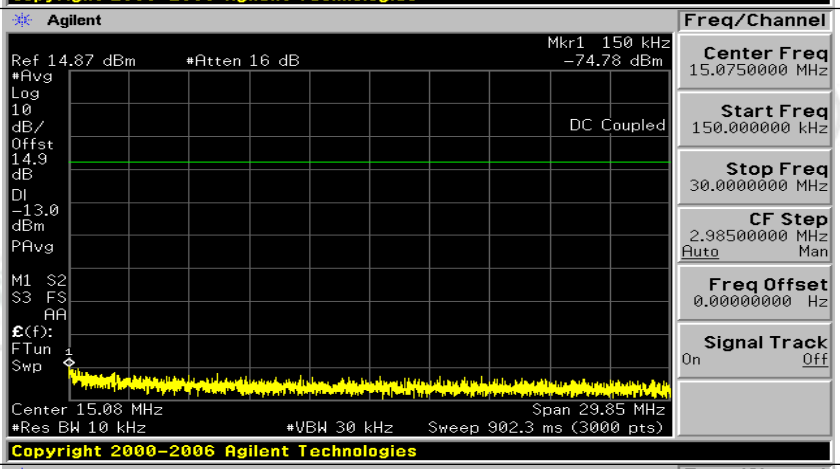


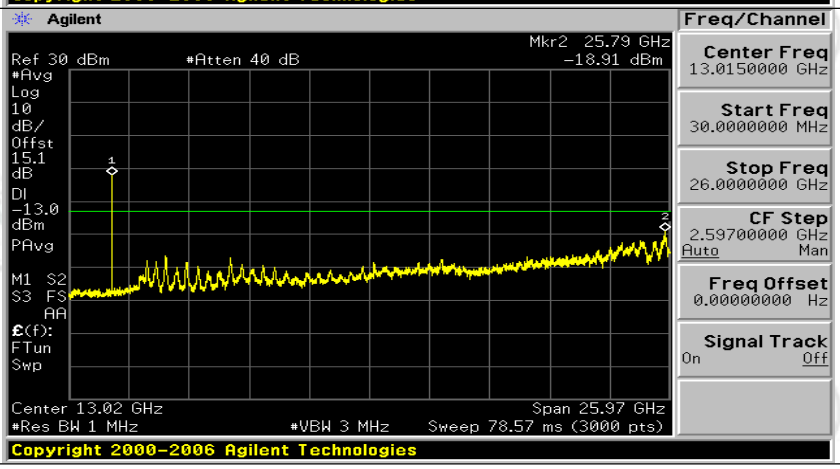




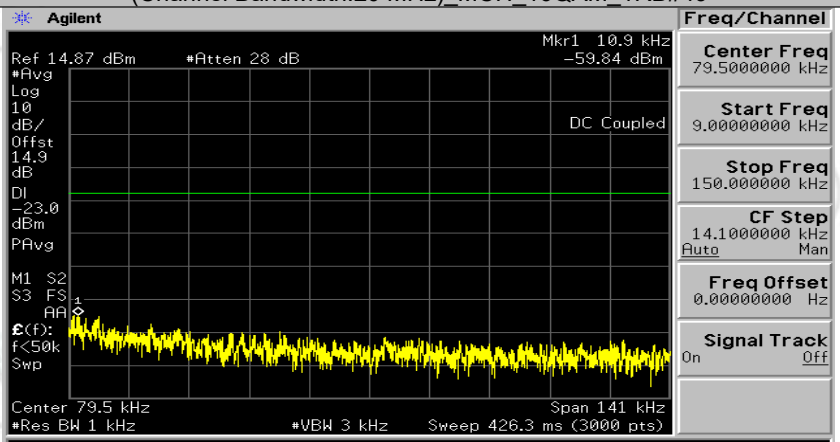
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

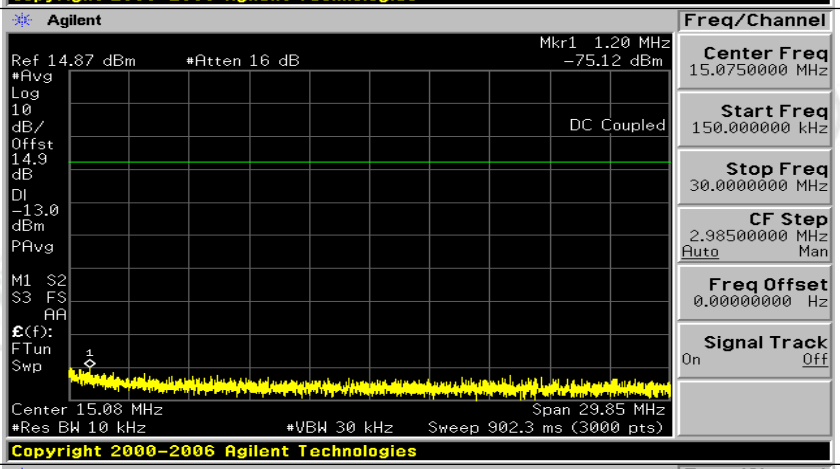


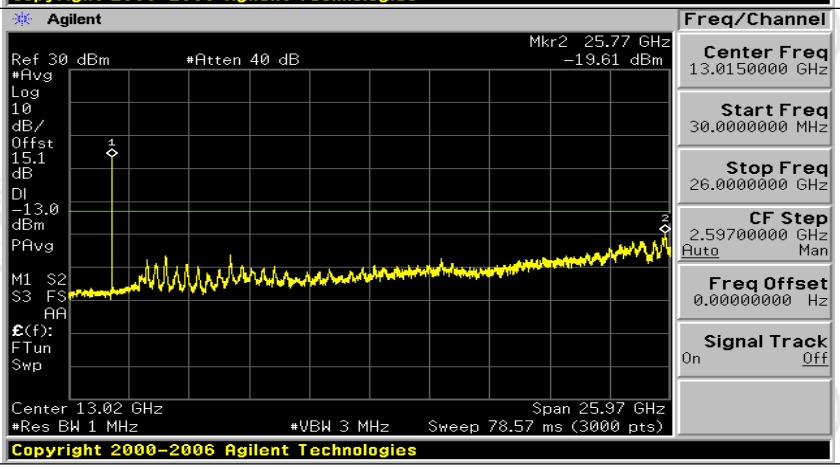




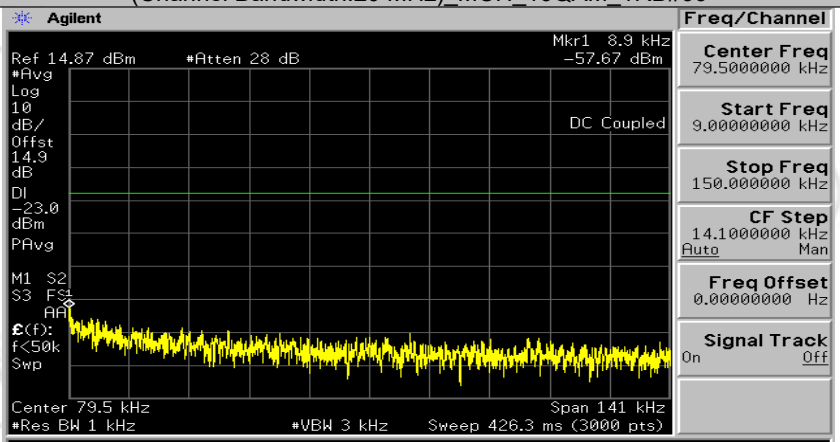
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

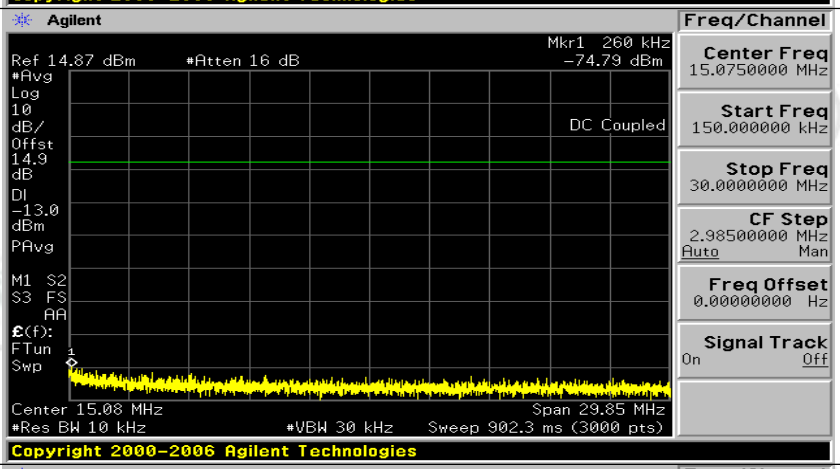


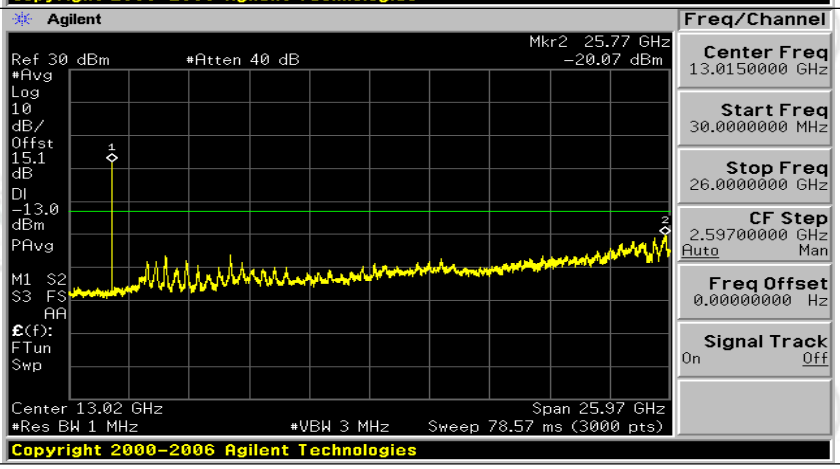




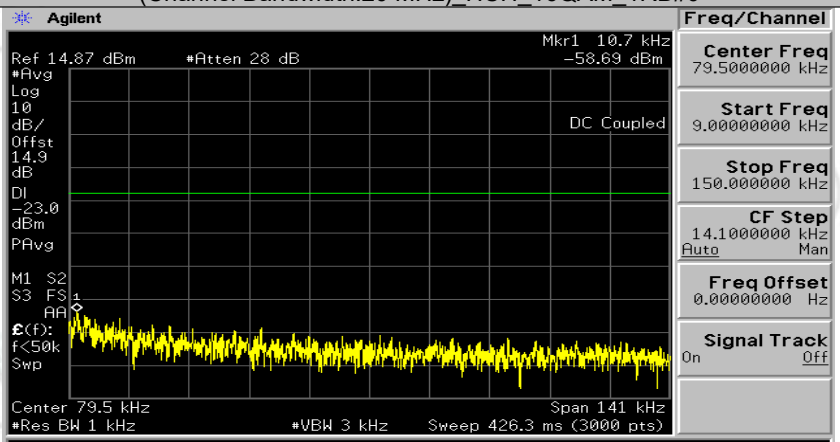
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99

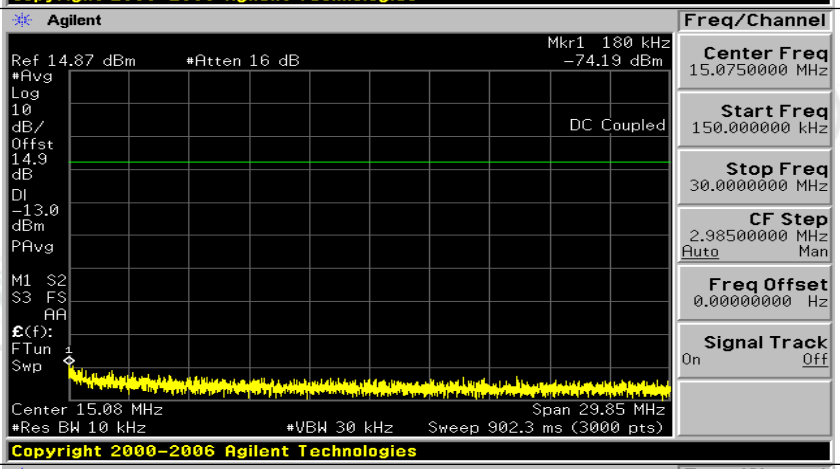


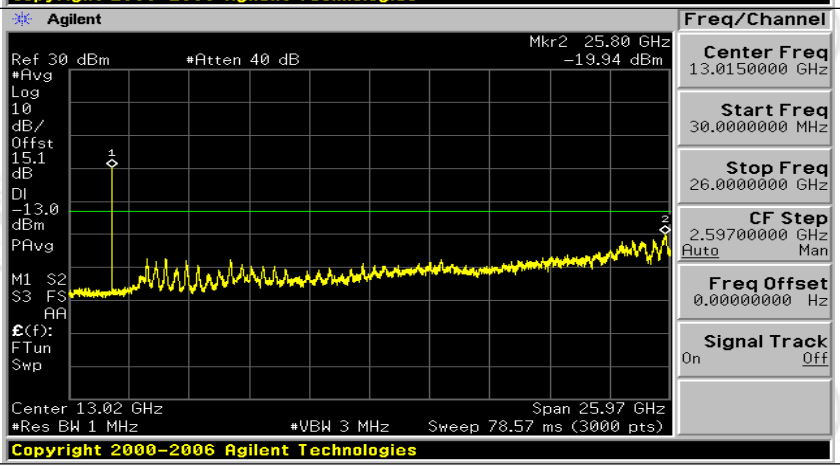




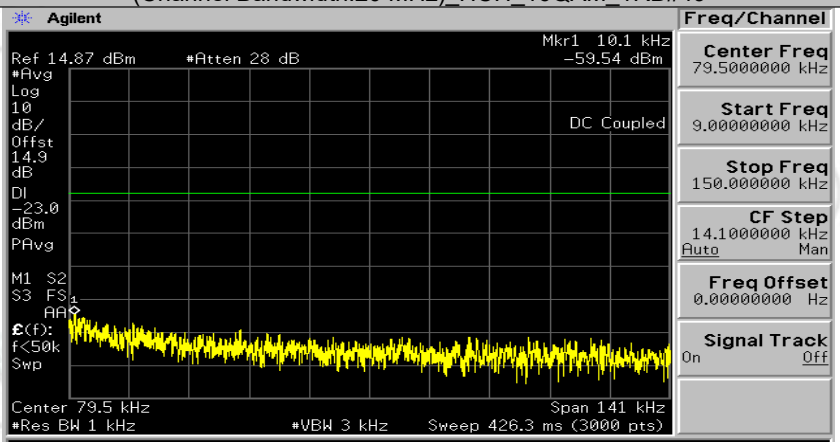
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0

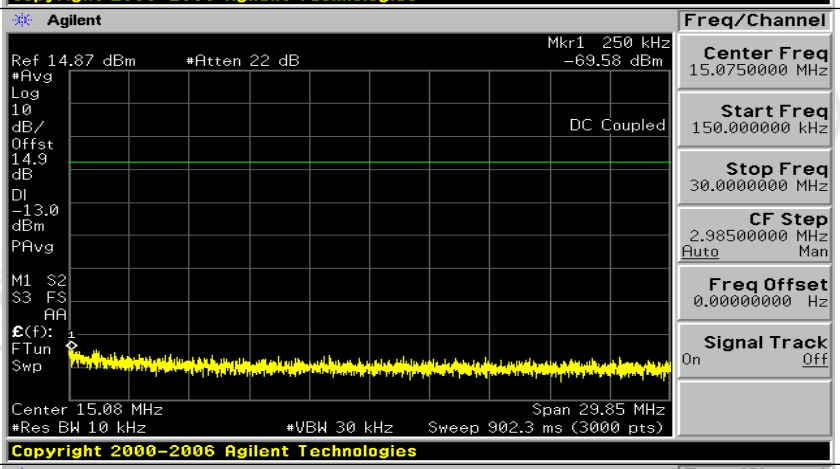


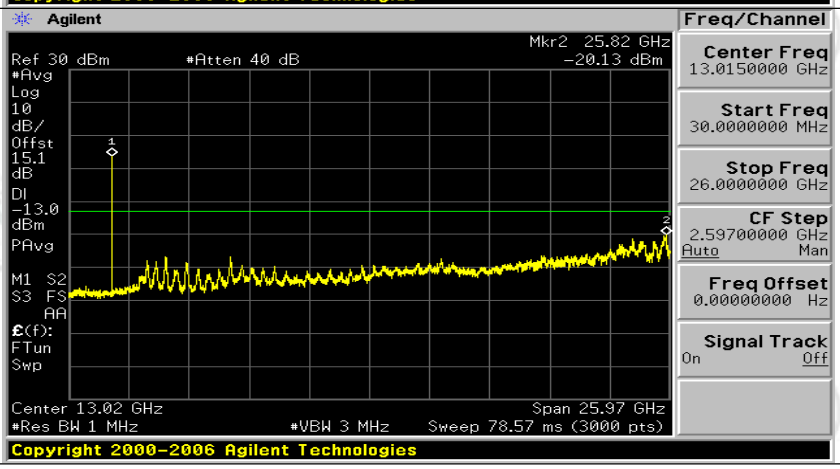




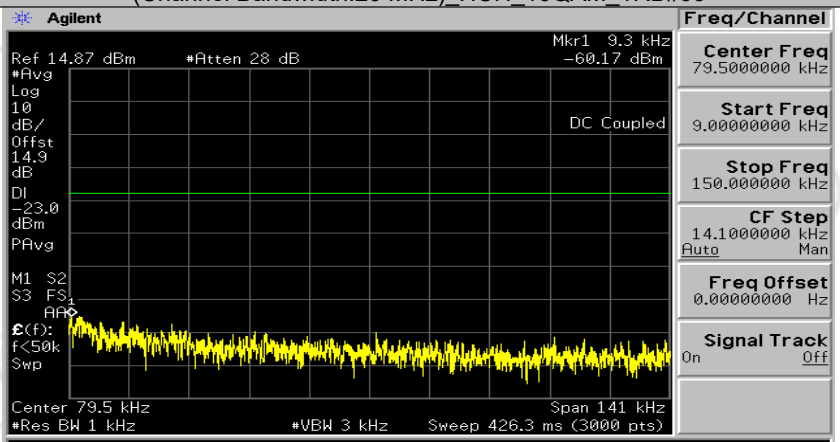
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49

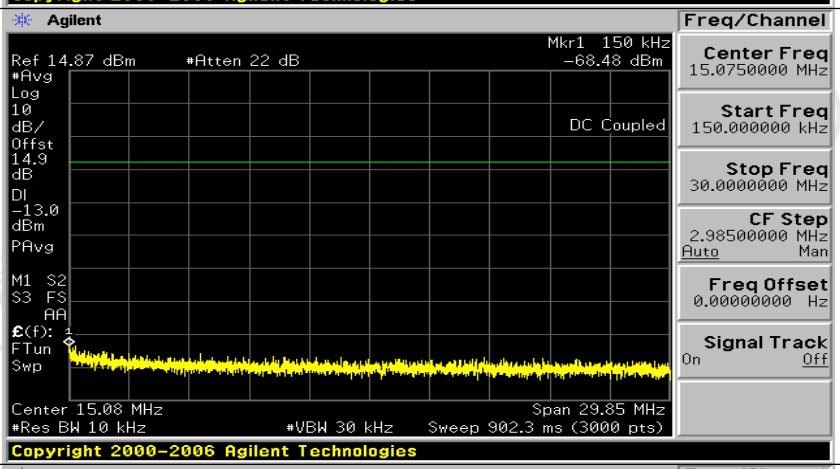


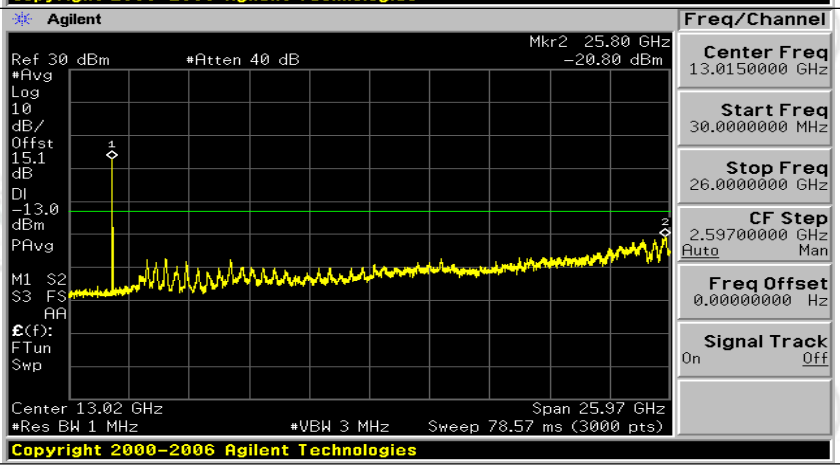




(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99







Appendix F): Frequency Stability

Test Result

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

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	16.16	0.008734	± 2.5	PASS
		VN	TN	1.52	0.000819	± 2.5	PASS
		VH	TN	31.77	0.017167	± 2.5	PASS
	MCH	VL	TN	-12.22	-0.006498	± 2.5	PASS
		VN	TN	-26.11	-0.013887	± 2.5	PASS
		VH	TN	-0.06	-0.000030	± 2.5	PASS
	HCH	VL	TN	15.81	0.008279	± 2.5	PASS
		VN	TN	39.00	0.020424	± 2.5	PASS
		VH	TN	30.76	0.016109	± 2.5	PASS
16QAM	LCH	VL	TN	29.60	0.015992	± 2.5	PASS
		VN	TN	35.62	0.019247	± 2.5	PASS
		VH	TN	19.04	0.010288	± 2.5	PASS
	MCH	VL	TN	26.71	0.014206	± 2.5	PASS
		VN	TN	14.20	0.007556	± 2.5	PASS
		VH	TN	38.87	0.020674	± 2.5	PASS
	HCH	VL	TN	19.05	0.009980	± 2.5	PASS
		VN	TN	-3.66	-0.001918	± 2.5	PASS
		VH	TN	46.21	0.024200	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	33.03	0.017848	± 2.5	PASS
		VN	-20	36.01	0.019455	± 2.5	PASS
		VN	-10	41.16	0.022238	± 2.5	PASS
		VN	0	-5.19	-0.002806	± 2.5	PASS
		VN	10	-5.19	-0.002806	± 2.5	PASS
		VN	20	-1.57	-0.000850	± 2.5	PASS
		VN	30	2.02	0.001090	± 2.5	PASS
		VN	40	8.50	0.004591	± 2.5	PASS
		VN	50	15.21	0.008217	± 2.5	PASS
	MCH	VN	-30	-6.54	-0.003477	± 2.5	PASS
		VN	-20	-21.36	-0.011360	± 2.5	PASS
		VN	-10	-37.18	-0.019776	± 2.5	PASS
		VN	0	-4.32	-0.002298	± 2.5	PASS
		VN	10	-15.82	-0.008416	± 2.5	PASS
		VN	20	-25.73	-0.013689	± 2.5	PASS
		VN	30	-36.12	-0.019213	± 2.5	PASS
		VN	40	-41.67	-0.022165	± 2.5	PASS
		VN	50	-47.76	-0.025407	± 2.5	PASS
	HCH	VN	-30	33.45	0.017517	± 2.5	PASS
		VN	-20	34.53	0.018086	± 2.5	PASS
		VN	-10	41.94	0.021968	± 2.5	PASS

		VN	0	47.62	0.024942	± 2.5	PASS
		VN	10	52.31	0.027399	± 2.5	PASS
		VN	20	13.79	0.007223	± 2.5	PASS
		VN	30	13.56	0.007103	± 2.5	PASS
		VN	40	12.30	0.006443	± 2.5	PASS
		VN	50	16.16	0.008466	± 2.5	PASS
16QAM	LCH	VN	-30	1.30	0.000703	± 2.5	PASS
		VN	-20	22.07	0.011927	± 2.5	PASS
		VN	-10	36.74	0.019850	± 2.5	PASS
		VN	0	8.90	0.004808	± 2.5	PASS
		VN	10	25.79	0.013936	± 2.5	PASS
		VN	20	33.89	0.018311	± 2.5	PASS
		VN	30	7.22	0.003903	± 2.5	PASS
		VN	40	10.93	0.005905	± 2.5	PASS
		VN	50	13.05	0.007049	± 2.5	PASS
	MCH	VN	-30	36.23	0.019274	± 2.5	PASS
		VN	-20	14.10	0.007503	± 2.5	PASS
		VN	-10	26.49	0.014092	± 2.5	PASS
		VN	0	30.30	0.016116	± 2.5	PASS
		VN	10	35.03	0.018635	± 2.5	PASS
		VN	20	38.75	0.020613	± 2.5	PASS
		VN	30	41.37	0.022006	± 2.5	PASS
		VN	40	36.54	0.019434	± 2.5	PASS
		VN	50	38.85	0.020666	± 2.5	PASS
	HCH	VN	-30	19.07	0.009987	± 2.5	PASS
		VN	-20	33.69	0.017644	± 2.5	PASS
		VN	-10	18.90	0.009897	± 2.5	PASS
		VN	0	-11.10	-0.005814	± 2.5	PASS
		VN	10	3.20	0.001678	± 2.5	PASS
		VN	20	7.84	0.004106	± 2.5	PASS
		VN	30	11.36	0.005949	± 2.5	PASS
		VN	40	23.30	0.012205	± 2.5	PASS
		VN	50	36.29	0.019008	± 2.5	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz+							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-33.76	-0.018234	± 2.5	PASS
		VN	TN	-10.66	-0.005756	± 2.5	PASS
		VH	TN	-13.93	-0.007525	± 2.5	PASS
	MCH	VL	TN	-0.26	-0.000137	± 2.5	PASS
		VN	TN	-41.26	-0.021945	± 2.5	PASS
		VH	TN	-46.46	-0.024714	± 2.5	PASS
	HCH	VL	TN	25.12	0.013162	± 2.5	PASS
		VN	TN	20.06	0.010509	± 2.5	PASS
		VH	TN	24.50	0.012840	± 2.5	PASS
16QAM	LCH	VL	TN	26.36	0.014239	± 2.5	PASS
		VN	TN	-0.99	-0.000533	± 2.5	PASS

		VH	TN	22.47	0.012138	± 2.5	PASS
	MCH	VL	TN	-1.99	-0.001058	± 2.5	PASS
		VN	TN	-8.23	-0.004375	± 2.5	PASS
		VH	TN	2.63	0.001400	± 2.5	PASS
	HCH	VL	TN	5.56	0.002916	± 2.5	PASS
		VN	TN	26.98	0.014136	± 2.5	PASS
		VH	TN	26.44	0.013852	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-14.59	-0.007881	± 2.5	PASS
		VN	-20	-18.08	-0.009766	± 2.5	PASS
		VN	-10	-24.42	-0.013189	± 2.5	PASS
		VN	0	-31.74	-0.017145	± 2.5	PASS
		VN	10	-38.41	-0.020745	± 2.5	PASS
		VN	20	-38.44	-0.020760	± 2.5	PASS
		VN	30	-36.13	-0.019516	± 2.5	PASS
		VN	40	-36.19	-0.019547	± 2.5	PASS
		VN	50	-36.76	-0.019856	± 2.5	PASS
	MCH	VN	-30	-9.74	-0.005182	± 2.5	PASS
		VN	-20	-27.58	-0.014670	± 2.5	PASS
		VN	-10	-40.31	-0.021442	± 2.5	PASS
		VN	0	-1.87	-0.000997	± 2.5	PASS
		VN	10	-13.46	-0.007160	± 2.5	PASS
		VN	20	-24.58	-0.013072	± 2.5	PASS
		VN	30	-41.54	-0.022097	± 2.5	PASS
		VN	40	-52.16	-0.027743	± 2.5	PASS
		VN	50	-7.67	-0.004078	± 2.5	PASS
	HCH	VN	-30	25.09	0.013147	± 2.5	PASS
		VN	-20	29.63	0.015523	± 2.5	PASS
		VN	-10	31.36	0.016430	± 2.5	PASS
		VN	0	32.07	0.016805	± 2.5	PASS
		VN	10	32.46	0.017007	± 2.5	PASS
		VN	20	32.96	0.017270	± 2.5	PASS
		VN	30	35.61	0.018656	± 2.5	PASS
		VN	40	31.09	0.016288	± 2.5	PASS
		VN	50	32.50	0.017030	± 2.5	PASS
16QAM	LCH	VN	-30	31.91	0.017237	± 2.5	PASS
		VN	-20	38.98	0.021054	± 2.5	PASS
		VN	-10	-13.30	-0.007185	± 2.5	PASS
		VN	0	-27.75	-0.014989	± 2.5	PASS
		VN	10	-16.64	-0.008986	± 2.5	PASS
		VN	20	-7.14	-0.003855	± 2.5	PASS
		VN	30	-0.06	-0.000031	± 2.5	PASS
		VN	40	6.24	0.003369	± 2.5	PASS
		VN	50	17.35	0.009372	± 2.5	PASS
	MCH	VN	-30	3.32	0.001765	± 2.5	PASS
		VN	-20	1.19	0.000632	± 2.5	PASS
		VN	-10	4.35	0.002313	± 2.5	PASS
		VN	0	10.17	0.005410	± 2.5	PASS

		VN	10	-15.51	-0.008248	± 2.5	PASS
		VN	20	-6.71	-0.003569	± 2.5	PASS
		VN	30	-6.49	-0.003455	± 2.5	PASS
		VN	40	-6.17	-0.003280	± 2.5	PASS
		VN	50	-0.19	-0.000099	± 2.5	PASS
	HCH	VN	-30	37.72	0.019766	± 2.5	PASS
		VN	-20	20.14	0.010554	± 2.5	PASS
		VN	-10	27.28	0.014294	± 2.5	PASS
		VN	0	29.40	0.015403	± 2.5	PASS
		VN	10	26.29	0.013777	± 2.5	PASS
		VN	20	26.52	0.013897	± 2.5	PASS
		VN	30	34.45	0.018049	± 2.5	PASS
		VN	40	38.34	0.020088	± 2.5	PASS
		VN	50	41.90	0.021954	± 2.5	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	15.02	0.008108	± 2.5	PASS
		VN	TN	13.45	0.007259	± 2.5	PASS
		VH	TN	9.04	0.004880	± 2.5	PASS
	MCH	VL	TN	-9.34	-0.004969	± 2.5	PASS
		VN	TN	-20.07	-0.010676	± 2.5	PASS
		VH	TN	-29.80	-0.015850	± 2.5	PASS
	HCH	VL	TN	-2.05	-0.001072	± 2.5	PASS
		VN	TN	12.10	0.006344	± 2.5	PASS
		VH	TN	-11.93	-0.006255	± 2.5	PASS
16QAM	LCH	VL	TN	24.75	0.013359	± 2.5	PASS
		VN	TN	-9.38	-0.005066	± 2.5	PASS
		VH	TN	22.26	0.012016	± 2.5	PASS
	MCH	VL	TN	3.82	0.002032	± 2.5	PASS
		VN	TN	-4.59	-0.002443	± 2.5	PASS
		VH	TN	3.25	0.001727	± 2.5	PASS
	HCH	VL	TN	32.17	0.016866	± 2.5	PASS
		VN	TN	10.73	0.005625	± 2.5	PASS
		VH	TN	11.27	0.005910	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	11.70	0.006317	± 2.5	PASS
		VN	-20	15.55	0.008394	± 2.5	PASS
		VN	-10	18.65	0.010070	± 2.5	PASS
		VN	0	17.84	0.009629	± 2.5	PASS
		VN	10	14.19	0.007660	± 2.5	PASS
		VN	20	11.14	0.006015	± 2.5	PASS
		VN	30	9.80	0.005290	± 2.5	PASS
		VN	40	13.18	0.007112	± 2.5	PASS
		VN	50	19.58	0.010571	± 2.5	PASS

	MCH	VN	-30	10.44	0.005555	± 2.5	PASS
		VN	-20	-3.12	-0.001659	± 2.5	PASS
		VN	-10	-19.34	-0.010288	± 2.5	PASS
		VN	0	-30.03	-0.015972	± 2.5	PASS
		VN	10	-42.46	-0.022584	± 2.5	PASS
		VN	20	-16.35	-0.008697	± 2.5	PASS
		VN	30	-30.48	-0.016215	± 2.5	PASS
		VN	40	-37.67	-0.020035	± 2.5	PASS
		VN	50	-23.75	-0.012631	± 2.5	PASS
	HCH	VN	-30	-22.36	-0.011722	± 2.5	PASS
		VN	-20	-23.15	-0.012134	± 2.5	PASS
		VN	-10	-20.81	-0.010912	± 2.5	PASS
		VN	0	-25.73	-0.013491	± 2.5	PASS
		VN	10	-25.56	-0.013401	± 2.5	PASS
		VN	20	-30.74	-0.016116	± 2.5	PASS
		VN	30	-2.95	-0.001545	± 2.5	PASS
		VN	40	-4.95	-0.002595	± 2.5	PASS
		VN	50	-5.88	-0.003082	± 2.5	PASS
16QAM	LCH	VN	-30	32.89	0.017753	± 2.5	PASS
		VN	-20	38.81	0.020950	± 2.5	PASS
		VN	-10	44.86	0.024216	± 2.5	PASS
		VN	0	43.66	0.023568	± 2.5	PASS
		VN	10	-7.34	-0.003961	± 2.5	PASS
		VN	20	-34.10	-0.018409	± 2.5	PASS
		VN	30	-23.56	-0.012718	± 2.5	PASS
		VN	40	-12.93	-0.006981	± 2.5	PASS
		VN	50	-7.12	-0.003846	± 2.5	PASS
	MCH	VN	-30	6.52	0.003470	± 2.5	PASS
		VN	-20	15.81	0.008408	± 2.5	PASS
		VN	-10	20.56	0.010934	± 2.5	PASS
		VN	0	26.18	0.013925	± 2.5	PASS
		VN	10	30.57	0.016261	± 2.5	PASS
		VN	20	34.35	0.018269	± 2.5	PASS
		VN	30	9.04	0.004809	± 2.5	PASS
		VN	40	25.45	0.013537	± 2.5	PASS
		VN	50	33.03	0.017569	± 2.5	PASS
	HCH	VN	-30	8.83	0.004627	± 2.5	PASS
		VN	-20	15.82	0.008294	± 2.5	PASS
		VN	-10	17.68	0.009269	± 2.5	PASS
		VN	0	23.59	0.012367	± 2.5	PASS
		VN	10	23.76	0.012457	± 2.5	PASS
		VN	20	28.28	0.014826	± 2.5	PASS
		VN	30	34.53	0.018104	± 2.5	PASS
		VN	40	8.84	0.004635	± 2.5	PASS
		VN	50	21.93	0.011497	± 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	29.37	0.015832	± 2.5	PASS
		VN	TN	29.05	0.015662	± 2.5	PASS
		VH	TN	26.51	0.014290	± 2.5	PASS
	MCH	VL	TN	-24.49	-0.013027	± 2.5	PASS
		VN	TN	-19.60	-0.010424	± 2.5	PASS
		VH	TN	-19.73	-0.010493	± 2.5	PASS
	HCH	VL	TN	-37.68	-0.019779	± 2.5	PASS
		VN	TN	-44.98	-0.023609	± 2.5	PASS
		VH	TN	-8.10	-0.004250	± 2.5	PASS
16QAM	LCH	VL	TN	26.02	0.014027	± 2.5	PASS
		VN	TN	30.63	0.016511	± 2.5	PASS
		VH	TN	28.17	0.015184	± 2.5	PASS
	MCH	VL	TN	-39.05	-0.020773	± 2.5	PASS
		VN	TN	-26.59	-0.014145	± 2.5	PASS
		VH	TN	-19.13	-0.010173	± 2.5	PASS
	HCH	VL	TN	29.24	0.015349	± 2.5	PASS
		VN	TN	8.21	0.004310	± 2.5	PASS
		VH	TN	-4.08	-0.002140	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
16QAM	LCH	VN	-30	29.34	0.015817	± 2.5	PASS
		VN	-20	17.68	0.009532	± 2.5	PASS
		VN	-10	34.22	0.018446	± 2.5	PASS
		VN	0	-4.48	-0.002414	± 2.5	PASS
		VN	10	9.78	0.005275	± 2.5	PASS
		VN	20	19.96	0.010758	± 2.5	PASS
		VN	30	18.91	0.010195	± 2.5	PASS
		VN	40	31.03	0.016727	± 2.5	PASS
		VN	50	36.32	0.019580	± 2.5	PASS
	MCH	VN	-30	-42.30	-0.022500	± 2.5	PASS
		VN	-20	-20.54	-0.010927	± 2.5	PASS
		VN	-10	-34.09	-0.018132	± 2.5	PASS
		VN	0	-49.52	-0.026343	± 2.5	PASS
		VN	10	-17.87	-0.009504	± 2.5	PASS
		VN	20	-36.39	-0.019358	± 2.5	PASS
		VN	30	-1.32	-0.000700	± 2.5	PASS
		VN	40	-12.86	-0.006841	± 2.5	PASS
		VN	50	-31.17	-0.016580	± 2.5	PASS
	HCH	VN	-30	-16.18	-0.008493	± 2.5	PASS
		VN	-20	-27.94	-0.014666	± 2.5	PASS
		VN	-10	-40.27	-0.021139	± 2.5	PASS
		VN	0	-7.70	-0.004040	± 2.5	PASS
		VN	10	-7.75	-0.004070	± 2.5	PASS
		VN	20	-10.03	-0.005264	± 2.5	PASS

		VN	30	-14.59	-0.007659	± 2.5	PASS
		VN	40	-24.38	-0.012796	± 2.5	PASS
		VN	50	-10.17	-0.005339	± 2.5	PASS
QPSK	LCH	VN	-30	48.89	0.026358	± 2.5	PASS
		VN	-20	-3.68	-0.001982	± 2.5	PASS
		VN	-10	-30.16	-0.016256	± 2.5	PASS
		VN	0	-6.59	-0.003555	± 2.5	PASS
		VN	10	14.81	0.007982	± 2.5	PASS
		VN	20	33.59	0.018107	± 2.5	PASS
		VN	30	4.75	0.002560	± 2.5	PASS
		VN	40	17.44	0.009401	± 2.5	PASS
		VN	50	24.70	0.013318	± 2.5	PASS
	MCH	VN	-30	-17.88	-0.009511	± 2.5	PASS
		VN	-20	-16.84	-0.008956	± 2.5	PASS
		VN	-10	-13.88	-0.007381	± 2.5	PASS
		VN	0	-3.55	-0.001887	± 2.5	PASS
		VN	10	-4.56	-0.002427	± 2.5	PASS
		VN	20	2.52	0.001339	± 2.5	PASS
		VN	30	-1.69	-0.000898	± 2.5	PASS
		VN	40	1.85	0.000982	± 2.5	PASS
		VN	50	10.14	0.005395	± 2.5	PASS
	HCH	VN	-30	-6.37	-0.003342	± 2.5	PASS
		VN	-20	0.34	0.000180	± 2.5	PASS
		VN	-10	10.00	0.005249	± 2.5	PASS
		VN	0	9.66	0.005069	± 2.5	PASS
		VN	10	19.43	0.010198	± 2.5	PASS
		VN	20	26.45	0.013885	± 2.5	PASS
		VN	30	34.19	0.017947	± 2.5	PASS
		VN	40	39.57	0.020771	± 2.5	PASS
		VN	50	39.32	0.020643	± 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	30.26	0.016288	± 2.5	PASS
		VN	TN	7.20	0.003874	± 2.5	PASS
		VH	TN	24.05	0.012946	± 2.5	PASS
	MCH	VL	TN	-26.04	-0.013849	± 2.5	PASS
		VN	TN	-21.56	-0.011467	± 2.5	PASS
		VH	TN	-22.02	-0.011710	± 2.5	PASS
	HCH	VL	TN	4.18	0.002196	± 2.5	PASS
		VN	TN	-20.61	-0.010835	± 2.5	PASS
		VH	TN	-27.85	-0.014640	± 2.5	PASS
16QAM	LCH	VL	TN	32.42	0.017451	± 2.5	PASS
		VN	TN	3.65	0.001964	± 2.5	PASS
		VH	TN	36.52	0.019661	± 2.5	PASS
	MCH	VL	TN	29.51	0.015698	± 2.5	PASS
		VN	TN	19.10	0.010158	± 2.5	PASS

		VH	TN	31.50	0.016755	± 2.5	PASS
	HCH	VL	TN	17.58	0.009241	± 2.5	PASS
		VN	TN	16.54	0.008692	± 2.5	PASS
		VH	TN	31.91	0.016775	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	36.58	0.019692	± 2.5	PASS
		VN	-20	-15.48	-0.008333	± 2.5	PASS
		VN	-10	-31.37	-0.016889	± 2.5	PASS
		VN	0	4.48	0.002410	± 2.5	PASS
		VN	10	30.41	0.016373	± 2.5	PASS
		VN	20	14.82	0.007979	± 2.5	PASS
		VN	30	21.43	0.011537	± 2.5	PASS
		VN	40	22.04	0.011868	± 2.5	PASS
		VN	50	25.61	0.013785	± 2.5	PASS
	MCH	VN	-30	-31.94	-0.016991	± 2.5	PASS
		VN	-20	-24.89	-0.013240	± 2.5	PASS
		VN	-10	-41.99	-0.022333	± 2.5	PASS
		VN	0	4.49	0.002389	± 2.5	PASS
		VN	10	-3.02	-0.001606	± 2.5	PASS
		VN	20	-17.34	-0.009222	± 2.5	PASS
		VN	30	-27.31	-0.014526	± 2.5	PASS
		VN	40	-36.91	-0.019631	± 2.5	PASS
		VN	50	-21.29	-0.011322	± 2.5	PASS
	HCH	VN	-30	-41.87	-0.022008	± 2.5	PASS
		VN	-20	-19.13	-0.010053	± 2.5	PASS
		VN	-10	-30.38	-0.015971	± 2.5	PASS
		VN	0	-37.55	-0.019738	± 2.5	PASS
		VN	10	-41.06	-0.021580	± 2.5	PASS
		VN	20	-43.33	-0.022775	± 2.5	PASS
		VN	30	11.17	0.005872	± 2.5	PASS
		VN	40	3.46	0.001820	± 2.5	PASS
		VN	50	-1.50	-0.000790	± 2.5	PASS
16QAM	LCH	VN	-30	1.65	0.000886	± 2.5	PASS
		VN	-20	13.18	0.007093	± 2.5	PASS
		VN	-10	26.29	0.014155	± 2.5	PASS
		VN	0	35.19	0.018945	± 2.5	PASS
		VN	10	7.91	0.004259	± 2.5	PASS
		VN	20	10.17	0.005476	± 2.5	PASS
		VN	30	5.05	0.002719	± 2.5	PASS
		VN	40	10.99	0.005915	± 2.5	PASS
		VN	50	15.52	0.008356	± 2.5	PASS
	MCH	VN	-30	38.88	0.020682	± 2.5	PASS
		VN	-20	6.44	0.003424	± 2.5	PASS
		VN	-10	4.68	0.002488	± 2.5	PASS
		VN	0	9.67	0.005144	± 2.5	PASS
		VN	10	-0.70	-0.000373	± 2.5	PASS
		VN	20	8.20	0.004360	± 2.5	PASS
		VN	30	9.83	0.005227	± 2.5	PASS

		VN	40	10.47	0.005570	± 2.5	PASS
		VN	50	8.11	0.004314	± 2.5	PASS
	HCH	VN	-30	40.44	0.021257	± 2.5	PASS
		VN	-20	43.70	0.022971	± 2.5	PASS
		VN	-10	-10.27	-0.005399	± 2.5	PASS
		VN	0	-2.15	-0.001128	± 2.5	PASS
		VN	10	2.62	0.001376	± 2.5	PASS
		VN	20	7.05	0.003707	± 2.5	PASS
		VN	30	6.97	0.003662	± 2.5	PASS
		VN	40	11.62	0.006106	± 2.5	PASS
		VN	50	11.56	0.006075	± 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	-4.32	-0.002323	± 2.5	PASS
		VN	TN	-18.65	-0.010029	± 2.5	PASS
		VH	TN	14.65	0.007876	± 2.5	PASS
	MCH	VL	TN	-25.78	-0.013712	± 2.5	PASS
		VN	TN	-11.32	-0.006019	± 2.5	PASS
		VH	TN	-34.39	-0.018292	± 2.5	PASS
	HCH	VL	TN	-32.14	-0.016918	± 2.5	PASS
		VN	TN	-33.82	-0.017799	± 2.5	PASS
		VH	TN	-10.50	-0.005526	± 2.5	PASS
16QAM	LCH	VL	TN	7.72	0.004153	± 2.5	PASS
		VN	TN	42.47	0.022834	± 2.5	PASS
		VH	TN	34.33	0.018458	± 2.5	PASS
	MCH	VL	TN	29.24	0.015553	± 2.5	PASS
		VN	TN	10.67	0.005676	± 2.5	PASS
		VH	TN	5.92	0.003150	± 2.5	PASS
	HCH	VL	TN	21.57	0.011354	± 2.5	PASS
		VN	TN	14.71	0.007740	± 2.5	PASS
		VH	TN	10.13	0.005331	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	18.38	0.009883	± 2.5	PASS
		VN	-20	25.22	0.013559	± 2.5	PASS
		VN	-10	32.62	0.017535	± 2.5	PASS
		VN	0	9.20	0.004945	± 2.5	PASS
		VN	10	10.06	0.005407	± 2.5	PASS
		VN	20	-14.56	-0.007829	± 2.5	PASS
		VN	30	1.40	0.000754	± 2.5	PASS
		VN	40	6.17	0.003315	± 2.5	PASS
		VN	50	-0.64	-0.000346	± 2.5	PASS
	MCH	VN	-30	-12.04	-0.006407	± 2.5	PASS
		VN	-20	-28.05	-0.014921	± 2.5	PASS
		VN	-10	-40.11	-0.021336	± 2.5	PASS

		VN	0	-39.37	-0.020940	± 2.5	PASS
		VN	10	-12.76	-0.006787	± 2.5	PASS
		VN	20	-32.80	-0.017448	± 2.5	PASS
		VN	30	-32.74	-0.017417	± 2.5	PASS
		VN	40	-28.64	-0.015233	± 2.5	PASS
		VN	50	-30.83	-0.016398	± 2.5	PASS
	HCH	VN	-30	-22.03	-0.011595	± 2.5	PASS
		VN	-20	-34.73	-0.018280	± 2.5	PASS
		VN	-10	7.88	0.004148	± 2.5	PASS
		VN	0	-7.11	-0.003742	± 2.5	PASS
		VN	10	-12.29	-0.006467	± 2.5	PASS
		VN	20	-4.76	-0.002507	± 2.5	PASS
		VN	30	-2.00	-0.001054	± 2.5	PASS
		VN	40	-3.06	-0.001611	± 2.5	PASS
		VN	50	-3.78	-0.001988	± 2.5	PASS
16QAM	LCH	VN	-30	14.23	0.007652	± 2.5	PASS
		VN	-20	31.16	0.016751	± 2.5	PASS
		VN	-10	42.37	0.022781	± 2.5	PASS
		VN	0	-7.04	-0.003784	± 2.5	PASS
		VN	10	7.32	0.003938	± 2.5	PASS
		VN	20	18.88	0.010152	± 2.5	PASS
		VN	30	33.09	0.017789	± 2.5	PASS
		VN	40	42.06	0.022611	± 2.5	PASS
		VN	50	11.34	0.006099	± 2.5	PASS
	MCH	VN	-30	10.31	0.005486	± 2.5	PASS
		VN	-20	11.84	0.006300	± 2.5	PASS
		VN	-10	17.70	0.009412	± 2.5	PASS
		VN	0	21.96	0.011680	± 2.5	PASS
		VN	10	25.84	0.013742	± 2.5	PASS
		VN	20	25.23	0.013422	± 2.5	PASS
		VN	30	4.58	0.002435	± 2.5	PASS
		VN	40	29.11	0.015485	± 2.5	PASS
		VN	50	34.66	0.018437	± 2.5	PASS
	HCH	VN	-30	21.87	0.011512	± 2.5	PASS
		VN	-20	29.83	0.015698	± 2.5	PASS
		VN	-10	37.09	0.019523	± 2.5	PASS
		VN	0	-2.27	-0.001197	± 2.5	PASS
		VN	10	4.95	0.002605	± 2.5	PASS
		VN	20	9.08	0.004781	± 2.5	PASS
		VN	30	25.16	0.013244	± 2.5	PASS
		VN	40	27.05	0.014237	± 2.5	PASS
		VN	50	26.34	0.013861	± 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:

The EUT was powered ON and placed on a 1.5m hight table at a 3 meter fully Anechoic Chamber. The antenna of the transmitter was extended to its maximum length. modulation mode and the measuring receiver shall be tuned to the frequency of the transmitter under test.

The EUT was set 3 meters(above 18GHz the distance is 1 meter) away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

The disturbance of the transmitter was maximized on the test receiver display by raising and lowering from 1m to 4m the receive antenna and by rotating through 360° the turntable. After the fundamental emission was maximized, a field strength measurement was made.

Steps 1) to 3) were performed with the EUT and the receive antenna in both vertical and horizontal polarization.

The transmitter was then removed and replaced with another antenna. The center of the antenna was approximately at the same location as the center of the transmitter.

A signal at the disturbance was fed to the substitution antenna by means of a non-radiating cable. With both the substitution and the receive antennas horizontally polarized, the receive antenna was raised and lowered to obtain a maximum reading at the test receiver. The level of the signal generator was adjusted until the measured field strength level in step 3) is obtained for this set of conditions.

The output power into the substitution antenna was then measured.

Steps 6) and 7)were repeated with both antennas polarized.

Calculate power in dBm by the following formula:

ERP(dBm) = Pg(dBm) – cable loss (dB) + antenna gain (dBd)

EIRP(dBm) = Pg(dBm) – cable loss (dB) + antenna gain (dBi)

EIRP=ERP+2.15dB

where:

Pg is the generator output power into the substitution antenna.

) Test the EUT in the lowest channel, the middle channel the Highest channel

) The radiation measurements are performed in X, Y, Z axis positioning for EUT operation mode,And found the X axis positioning which it is worse case.

) Repeat above procedures until all frequencies measured was complete.

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

Test Data:

QPSK

Mode:	LTE Traffic							
Band:	2			Channel:		18607		
Remark:	1.4M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	51.5383	150	172	-77.08	-13.00	64.08	Pass	Horizontal
2	123.9148	150	149	-69.57	-13.00	56.57	Pass	Horizontal
3	160.2000	150	32	-65.44	-13.00	52.44	Pass	Horizontal
4	364.9110	150	172	-70.18	-13.00	57.18	Pass	Horizontal
5	479.1998	150	114	-71.92	-13.00	58.92	Pass	Horizontal
6	687.5975	150	324	-72.42	-13.00	59.42	Pass	Horizontal
7	1324.0324	150	172	-48.41	-13.00	35.41	Pass	Horizontal
8	3701.4000	150	324	-49.99	-13.00	36.99	Pass	Horizontal
9	5552.1000	150	112	-48.86	-13.00	35.86	Pass	Horizontal
10	7402.8000	150	324	-45.86	-13.00	32.86	Pass	Horizontal
11	9381.3191	150	150	-38.90	-13.00	25.90	Pass	Horizontal
12	15053.8527	150	112	-30.08	-13.00	17.08	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18607		
Remark:	1.4M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.7025	150	161	-66.30	-13.00	53.30	Pass	Vertical
2	184.2609	150	359	-69.16	-13.00	56.16	Pass	Vertical
3	208.9038	150	1	-69.57	-13.00	56.57	Pass	Vertical
4	360.0600	150	115	-74.13	-13.00	61.13	Pass	Vertical
5	473.3787	150	126	-74.68	-13.00	61.68	Pass	Vertical
6	687.5975	150	126	-69.35	-13.00	56.35	Pass	Vertical
7	1394.8395	150	126	-47.18	-13.00	34.18	Pass	Vertical
8	3701.4000	150	18	-49.40	-13.00	36.40	Pass	Vertical
9	5552.1000	150	36	-49.01	-13.00	36.01	Pass	Vertical
10	7402.8000	150	265	-45.27	-13.00	32.27	Pass	Vertical
11	11522.6761	150	188	-36.49	-13.00	23.49	Pass	Vertical
12	15284.8642	150	18	-30.17	-13.00	17.17	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		18615		
Remark:	3M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	62.4045	150	73	-77.01	-13.00	64.01	Pass	Horizontal
2	109.7500	150	145	-74.01	-13.00	61.01	Pass	Horizontal
3	161.7524	150	347	-65.32	-13.00	52.32	Pass	Horizontal
4	356.7614	150	169	-70.06	-13.00	57.06	Pass	Horizontal
5	479.1998	150	110	-71.99	-13.00	58.99	Pass	Horizontal
6	687.5975	150	324	-71.43	-13.00	58.43	Pass	Horizontal
7	1229.8230	150	61	-48.57	-13.00	35.57	Pass	Horizontal
8	3703.0000	150	113	-48.61	-13.00	35.61	Pass	Horizontal
9	5554.5000	150	18	-49.55	-13.00	36.55	Pass	Horizontal
10	7406.0000	150	303	-44.98	-13.00	31.98	Pass	Horizontal
11	11479.9240	150	18	-37.43	-13.00	24.43	Pass	Horizontal
12	15003.6002	150	323	-29.59	-13.00	16.59	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18615		
Remark:	3M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	54.4489	150	149	-66.20	-13.00	53.20	Pass	Vertical
2	184.2609	150	347	-68.63	-13.00	55.63	Pass	Vertical
3	208.9038	150	160	-69.39	-13.00	56.39	Pass	Vertical
4	360.0600	150	136	-72.45	-13.00	59.45	Pass	Vertical
5	477.6475	150	230	-75.44	-13.00	62.44	Pass	Vertical
6	687.5975	150	347	-68.99	-13.00	55.99	Pass	Vertical
7	1400.4400	150	149	-46.81	-13.00	33.81	Pass	Vertical
8	3703.0000	150	269	-49.39	-13.00	36.39	Pass	Vertical
9	5554.5000	150	74	-48.75	-13.00	35.75	Pass	Vertical
10	7406.0000	150	251	-45.38	-13.00	32.38	Pass	Vertical
11	11491.1746	150	191	-36.77	-13.00	23.77	Pass	Vertical
12	15599.1300	150	329	-30.36	-13.00	17.36	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		18625		
Remark:	5M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	61.6283	150	67	-76.77	-13.00	63.77	Pass	Horizontal
2	118.4817	150	164	-71.96	-13.00	58.96	Pass	Horizontal
3	166.0212	150	358	-64.42	-13.00	51.42	Pass	Horizontal
4	356.9554	150	164	-69.91	-13.00	56.91	Pass	Horizontal
5	479.9760	150	5	-70.07	-13.00	57.07	Pass	Horizontal
6	687.5975	150	300	-70.30	-13.00	57.30	Pass	Horizontal
7	1371.6372	150	116	-48.44	-13.00	35.44	Pass	Horizontal
8	3705.0000	150	173	-51.10	-13.00	38.10	Pass	Horizontal
9	5557.5000	150	330	-50.00	-13.00	37.00	Pass	Horizontal
10	7410.0000	150	18	-45.62	-13.00	32.62	Pass	Horizontal
11	9694.8347	150	152	-39.42	-13.00	26.42	Pass	Horizontal
12	14974.3487	150	57	-30.50	-13.00	17.50	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18625		
Remark:	5M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.6727	150	69	-67.19	-13.00	54.19	Pass	Vertical
2	132.2585	150	164	-75.31	-13.00	62.31	Pass	Vertical
3	184.2609	150	347	-68.71	-13.00	55.71	Pass	Vertical
4	208.9038	150	1	-69.11	-13.00	56.11	Pass	Vertical
5	399.2559	150	128	-75.39	-13.00	62.39	Pass	Vertical
6	687.5975	150	359	-68.52	-13.00	55.52	Pass	Vertical
7	1397.0397	150	141	-46.57	-13.00	33.57	Pass	Vertical
8	3705.0000	150	229	-49.38	-13.00	36.38	Pass	Vertical
9	5557.5000	150	152	-49.78	-13.00	36.78	Pass	Vertical
10	7410.0000	150	56	-45.62	-13.00	32.62	Pass	Vertical
11	11504.6752	150	360	-36.95	-13.00	23.95	Pass	Vertical
12	15053.8527	150	268	-29.89	-13.00	16.89	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		18650		
Remark:	10M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	62.5985	150	56	-77.47	-13.00	64.47	Pass	Horizontal
2	90.5401	150	150	-75.52	-13.00	62.52	Pass	Horizontal
3	162.1404	150	359	-65.25	-13.00	52.25	Pass	Horizontal
4	354.6269	150	325	-70.22	-13.00	57.22	Pass	Horizontal
5	456.4973	150	80	-74.37	-13.00	61.37	Pass	Horizontal
6	687.5975	150	312	-71.33	-13.00	58.33	Pass	Horizontal
7	1308.2308	150	231	-48.49	-13.00	35.49	Pass	Horizontal
8	3710.0000	150	74	-49.47	-13.00	36.47	Pass	Horizontal
9	5565.0000	150	286	-48.51	-13.00	35.51	Pass	Horizontal
10	7420.0000	150	1	-46.31	-13.00	33.31	Pass	Horizontal
11	11050.1525	150	94	-38.39	-13.00	25.39	Pass	Horizontal
12	14862.5931	150	303	-30.60	-13.00	17.60	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18650		
Remark:	10M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.8966	150	45	-66.29	-13.00	53.29	Pass	Vertical
2	184.2609	150	359	-69.13	-13.00	56.13	Pass	Vertical
3	208.9038	150	32	-69.52	-13.00	56.52	Pass	Vertical
4	398.6737	150	231	-74.67	-13.00	61.67	Pass	Vertical
5	687.5975	150	359	-68.79	-13.00	55.79	Pass	Vertical
6	799.7520	150	185	-67.91	-13.00	54.91	Pass	Vertical
7	1390.0390	150	102	-47.55	-13.00	34.55	Pass	Vertical
8	3710.0000	150	18	-49.86	-13.00	36.86	Pass	Vertical
9	5565.0000	150	359	-49.75	-13.00	36.75	Pass	Vertical
10	7420.0000	150	226	-46.16	-13.00	33.16	Pass	Vertical
11	11500.1750	150	247	-37.52	-13.00	24.52	Pass	Vertical
12	15012.6006	150	247	-30.22	-13.00	17.22	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		18675		
Remark:	15M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.9860	150	183	-77.07	-13.00	64.07	Pass	Horizontal
2	117.3175	150	135	-73.07	-13.00	60.07	Pass	Horizontal
3	162.9166	150	335	-64.01	-13.00	51.01	Pass	Horizontal
4	358.7017	150	170	-70.90	-13.00	57.90	Pass	Horizontal
5	477.0654	150	100	-74.02	-13.00	61.02	Pass	Horizontal
6	687.5975	150	324	-70.58	-13.00	57.58	Pass	Horizontal
7	1226.6227	150	0	-48.82	-13.00	35.82	Pass	Horizontal
8	3715.0000	150	75	-50.87	-13.00	37.87	Pass	Horizontal
9	5572.5000	150	36	-48.22	-13.00	35.22	Pass	Horizontal
10	7430.0000	150	331	-46.50	-13.00	33.50	Pass	Horizontal
11	11542.9271	150	57	-36.93	-13.00	23.93	Pass	Horizontal
12	15040.3520	150	310	-30.21	-13.00	17.21	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18675		
Remark:	15M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.4787	150	336	-66.86	-13.00	53.86	Pass	Vertical
2	89.3759	150	1	-78.70	-13.00	65.70	Pass	Vertical
3	184.2609	150	336	-68.93	-13.00	55.93	Pass	Vertical
4	270.0260	150	1	-76.70	-13.00	63.70	Pass	Vertical
5	375.0010	150	102	-73.27	-13.00	60.27	Pass	Vertical
6	687.5975	150	196	-68.88	-13.00	55.88	Pass	Vertical
7	1384.8385	150	359	-47.26	-13.00	34.26	Pass	Vertical
8	3715.0000	150	132	-49.20	-13.00	36.20	Pass	Vertical
9	5572.5000	150	303	-49.16	-13.00	36.16	Pass	Vertical
10	7430.0000	150	112	-45.50	-13.00	32.50	Pass	Vertical
11	11482.1741	150	56	-36.65	-13.00	23.65	Pass	Vertical
12	15020.8510	150	227	-30.33	-13.00	17.33	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		18700		
Remark:	20M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	55.2250	150	53	-76.97	-13.00	63.97	Pass	Horizontal
2	90.5401	150	359	-76.78	-13.00	63.78	Pass	Horizontal
3	167.9616	150	5	-65.09	-13.00	52.09	Pass	Horizontal
4	349.5819	150	322	-71.32	-13.00	58.32	Pass	Horizontal
5	477.0654	150	113	-72.92	-13.00	59.92	Pass	Horizontal
6	750.0780	150	310	-71.42	-13.00	58.42	Pass	Horizontal
7	1245.0245	150	286	-48.46	-13.00	35.46	Pass	Horizontal
8	3720.0000	150	99	-49.72	-13.00	36.72	Pass	Horizontal
9	5580.0000	150	220	-50.23	-13.00	37.23	Pass	Horizontal
10	7440.0000	150	260	-46.14	-13.00	33.14	Pass	Horizontal
11	11698.9349	150	118	-37.01	-13.00	24.01	Pass	Horizontal
12	15036.6018	150	278	-30.36	-13.00	17.36	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18700		
Remark:	20M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.8668	150	163	-67.10	-13.00	54.10	Pass	Vertical
2	167.9616	150	335	-70.79	-13.00	57.79	Pass	Vertical
3	208.9038	150	236	-69.46	-13.00	56.46	Pass	Vertical
4	375.0010	150	163	-74.05	-13.00	61.05	Pass	Vertical
5	598.1456	150	28	-71.86	-13.00	58.86	Pass	Vertical
6	687.5975	150	347	-68.73	-13.00	55.73	Pass	Vertical
7	1401.2401	150	148	-46.01	-13.00	33.01	Pass	Vertical
8	3720.0000	150	253	-48.80	-13.00	35.80	Pass	Vertical
9	5580.0000	150	58	-50.19	-13.00	37.19	Pass	Vertical
10	7440.0000	150	154	-45.21	-13.00	32.21	Pass	Vertical
11	11058.4029	150	253	-37.52	-13.00	24.52	Pass	Vertical
12	15055.3528	150	19	-30.68	-13.00	17.68	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		18900		
Remark:	1.4M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	61.6283	150	44	-76.56	-13.00	63.56	Pass	Horizontal
2	101.2122	150	160	-76.28	-13.00	63.28	Pass	Horizontal
3	162.7225	150	0	-65.29	-13.00	52.29	Pass	Horizontal
4	348.6117	150	324	-71.25	-13.00	58.25	Pass	Horizontal
5	584.9510	150	102	-72.18	-13.00	59.18	Pass	Horizontal
6	687.5975	150	301	-71.84	-13.00	58.84	Pass	Horizontal
7	1291.0291	150	290	-48.27	-13.00	35.27	Pass	Horizontal
8	3760.0000	150	18	-49.67	-13.00	36.67	Pass	Horizontal
9	5640.0000	150	265	-49.27	-13.00	36.27	Pass	Horizontal
10	7520.0000	150	359	-45.56	-13.00	32.56	Pass	Horizontal
11	11543.6772	150	209	-37.42	-13.00	24.42	Pass	Horizontal
12	14732.0866	150	56	-29.74	-13.00	16.74	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18900		
Remark:	1.4M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.5085	150	312	-65.98	-13.00	52.98	Pass	Vertical
2	136.5273	150	1	-74.34	-13.00	61.34	Pass	Vertical
3	184.2609	150	10	-69.25	-13.00	56.25	Pass	Vertical
4	208.9038	150	150	-68.91	-13.00	55.91	Pass	Vertical
5	375.0010	150	126	-75.66	-13.00	62.66	Pass	Vertical
6	687.5975	150	207	-68.81	-13.00	55.81	Pass	Vertical
7	1399.8400	150	67	-47.49	-13.00	34.49	Pass	Vertical
8	3760.0000	150	227	-49.44	-13.00	36.44	Pass	Vertical
9	5640.0000	150	132	-50.14	-13.00	37.14	Pass	Vertical
10	7520.0000	150	112	-45.92	-13.00	32.92	Pass	Vertical
11	11517.4259	150	324	-37.10	-13.00	24.10	Pass	Vertical
12	14774.0887	150	209	-29.67	-13.00	16.67	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		18900		
Remark:	3M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	54.2549	150	44	-76.94	-13.00	63.94	Pass	Horizontal
2	121.5863	150	115	-73.85	-13.00	60.85	Pass	Horizontal
3	163.4987	150	32	-62.97	-13.00	49.97	Pass	Horizontal
4	348.8058	150	336	-73.94	-13.00	60.94	Pass	Horizontal
5	479.9760	150	126	-70.53	-13.00	57.53	Pass	Horizontal
6	687.5975	150	325	-69.79	-13.00	56.79	Pass	Horizontal
7	1198.4198	150	21	-48.08	-13.00	35.08	Pass	Horizontal
8	3760.0000	150	188	-50.08	-13.00	37.08	Pass	Horizontal
9	5640.0000	150	94	-49.77	-13.00	36.77	Pass	Horizontal
10	7520.0000	150	359	-45.67	-13.00	32.67	Pass	Horizontal
11	10172.6086	150	35	-39.07	-13.00	26.07	Pass	Horizontal
12	15213.6107	150	188	-30.36	-13.00	17.36	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18900		
Remark:	3M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.2847	150	1	-65.77	-13.00	52.77	Pass	Vertical
2	166.7974	150	325	-68.90	-13.00	55.90	Pass	Vertical
3	208.9038	150	10	-67.99	-13.00	54.99	Pass	Vertical
4	270.0260	150	21	-76.55	-13.00	63.55	Pass	Vertical
5	411.4803	150	359	-74.22	-13.00	61.22	Pass	Vertical
6	687.5975	150	150	-68.99	-13.00	55.99	Pass	Vertical
7	1395.6396	150	80	-47.71	-13.00	34.71	Pass	Vertical
8	3760.0000	150	324	-49.26	-13.00	36.26	Pass	Vertical
9	5640.0000	150	132	-50.19	-13.00	37.19	Pass	Vertical
10	7520.0000	150	286	-45.39	-13.00	32.39	Pass	Vertical
11	11529.4265	150	209	-37.13	-13.00	24.13	Pass	Vertical
12	14996.8498	150	18	-29.48	-13.00	16.48	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		18900		
Remark:	5M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	62.7926	150	336	-77.61	-13.00	64.61	Pass	Horizontal
2	91.3163	150	0	-74.07	-13.00	61.07	Pass	Horizontal
3	161.5583	150	18	-63.99	-13.00	50.99	Pass	Horizontal
4	375.0010	150	359	-74.79	-13.00	61.79	Pass	Horizontal
5	477.8416	150	100	-74.66	-13.00	61.66	Pass	Horizontal
6	687.5975	150	324	-71.60	-13.00	58.60	Pass	Horizontal
7	1264.2264	150	276	-48.49	-13.00	35.49	Pass	Horizontal
8	3760.0000	150	192	-49.12	-13.00	36.12	Pass	Horizontal
9	5640.0000	150	310	-49.06	-13.00	36.06	Pass	Horizontal
10	7520.0000	150	192	-45.80	-13.00	32.80	Pass	Horizontal
11	10183.1092	150	253	-38.58	-13.00	25.58	Pass	Horizontal
12	15054.6027	150	349	-30.36	-13.00	17.36	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18900		
Remark:	5M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.7025	150	89	-65.29	-13.00	52.29	Pass	Vertical
2	184.2609	150	0	-68.54	-13.00	55.54	Pass	Vertical
3	208.9038	150	219	-68.75	-13.00	55.75	Pass	Vertical
4	400.0320	150	300	-75.41	-13.00	62.41	Pass	Vertical
5	597.9516	150	0	-73.53	-13.00	60.53	Pass	Vertical
6	796.8414	150	206	-66.99	-13.00	53.99	Pass	Vertical
7	1396.2396	150	124	-46.25	-13.00	33.25	Pass	Vertical
8	3760.0000	150	96	-49.84	-13.00	36.84	Pass	Vertical
9	5640.0000	150	96	-49.39	-13.00	36.39	Pass	Vertical
10	7520.0000	150	173	-45.20	-13.00	32.20	Pass	Vertical
11	9904.0952	150	191	-39.37	-13.00	26.37	Pass	Vertical
12	15042.6021	150	346	-30.12	-13.00	17.12	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		18900		
Remark:	10M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.9860	150	0	-78.45	-13.00	65.45	Pass	Horizontal
2	106.8394	150	359	-74.37	-13.00	61.37	Pass	Horizontal
3	156.9014	150	20	-63.38	-13.00	50.38	Pass	Horizontal
4	375.0010	150	8	-74.43	-13.00	61.43	Pass	Horizontal
5	477.2595	150	90	-75.70	-13.00	62.70	Pass	Horizontal
6	687.5975	150	206	-72.32	-13.00	59.32	Pass	Horizontal
7	1261.4261	150	114	-48.02	-13.00	35.02	Pass	Horizontal
8	3760.0000	150	18	-49.84	-13.00	36.84	Pass	Horizontal
9	5640.0000	150	237	-49.09	-13.00	36.09	Pass	Horizontal
10	7520.0000	150	277	-46.00	-13.00	33.00	Pass	Horizontal
11	10732.1366	150	36	-38.23	-13.00	25.23	Pass	Horizontal
12	14968.3484	150	18	-30.60	-13.00	17.60	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18900		
Remark:	10M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.8668	150	113	-67.62	-13.00	54.62	Pass	Vertical
2	71.9124	150	323	-75.66	-13.00	62.66	Pass	Vertical
3	184.2609	150	348	-68.74	-13.00	55.74	Pass	Vertical
4	208.9038	150	4	-68.20	-13.00	55.20	Pass	Vertical
5	398.4797	150	76	-75.32	-13.00	62.32	Pass	Vertical
6	687.5975	150	198	-68.21	-13.00	55.21	Pass	Vertical
7	1389.2389	150	235	-48.04	-13.00	35.04	Pass	Vertical
8	3760.0000	150	58	-48.65	-13.00	35.65	Pass	Vertical
9	5640.0000	150	330	-49.98	-13.00	36.98	Pass	Vertical
10	7520.0000	150	175	-44.97	-13.00	31.97	Pass	Vertical
11	11561.6781	150	348	-37.18	-13.00	24.18	Pass	Vertical
12	15151.3576	150	270	-30.27	-13.00	17.27	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		18900		
Remark:	15M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	61.6283	150	35	-77.06	-13.00	64.06	Pass	Horizontal
2	91.3163	150	335	-75.70	-13.00	62.70	Pass	Horizontal
3	158.0656	150	22	-64.53	-13.00	51.53	Pass	Horizontal
4	360.0600	150	166	-74.67	-13.00	61.67	Pass	Horizontal
5	584.9510	150	106	-72.91	-13.00	59.91	Pass	Horizontal
6	750.0780	150	274	-72.39	-13.00	59.39	Pass	Horizontal
7	1325.6326	150	274	-48.69	-13.00	35.69	Pass	Horizontal
8	3760.0000	150	308	-49.63	-13.00	36.63	Pass	Horizontal
9	5640.0000	150	175	-49.16	-13.00	36.16	Pass	Horizontal
10	7520.0000	150	291	-45.63	-13.00	32.63	Pass	Horizontal
11	10195.8598	150	136	-38.92	-13.00	25.92	Pass	Horizontal
12	14780.8390	150	308	-29.90	-13.00	16.90	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18900		
Remark:	15M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.5085	150	164	-66.26	-13.00	53.26	Pass	Vertical
2	184.2609	150	1	-68.38	-13.00	55.38	Pass	Vertical
3	208.9038	150	359	-67.91	-13.00	54.91	Pass	Vertical
4	360.0600	150	129	-75.43	-13.00	62.43	Pass	Vertical
5	598.3397	150	1	-73.06	-13.00	60.06	Pass	Vertical
6	687.5975	150	323	-68.98	-13.00	55.98	Pass	Vertical
7	1394.6395	150	117	-47.11	-13.00	34.11	Pass	Vertical
8	3760.0000	150	154	-47.76	-13.00	34.76	Pass	Vertical
9	5640.0000	150	252	-49.91	-13.00	36.91	Pass	Vertical
10	7520.0000	150	115	-45.34	-13.00	32.34	Pass	Vertical
11	10984.1492	150	309	-37.50	-13.00	24.50	Pass	Vertical
12	15016.3508	150	231	-30.24	-13.00	17.24	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		18900		
Remark:	20M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	62.5985	150	37	-77.77	-13.00	64.77	Pass	Horizontal
2	90.3461	150	359	-76.08	-13.00	63.08	Pass	Horizontal
3	153.7968	150	1	-64.57	-13.00	51.57	Pass	Horizontal
4	208.9038	150	232	-74.73	-13.00	61.73	Pass	Horizontal
5	375.0010	150	11	-74.22	-13.00	61.22	Pass	Horizontal
6	687.5975	150	310	-70.87	-13.00	57.87	Pass	Horizontal
7	1361.8362	150	323	-48.81	-13.00	35.81	Pass	Horizontal
8	3760.0000	150	276	-49.30	-13.00	36.30	Pass	Horizontal
9	5640.0000	150	298	-50.19	-13.00	37.19	Pass	Horizontal
10	7520.0000	150	178	-45.46	-13.00	32.46	Pass	Horizontal
11	11475.4238	150	218	-37.03	-13.00	24.03	Pass	Horizontal
12	14997.5999	150	178	-29.52	-13.00	16.52	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18900		
Remark:	20M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.5085	150	213	-65.77	-13.00	52.77	Pass	Vertical
2	208.9038	150	3	-68.12	-13.00	55.12	Pass	Vertical
3	270.0260	150	149	-76.59	-13.00	63.59	Pass	Vertical
4	360.0600	150	51	-76.62	-13.00	63.62	Pass	Vertical
5	560.5021	150	188	-72.59	-13.00	59.59	Pass	Vertical
6	796.4533	150	175	-66.33	-13.00	53.33	Pass	Vertical
7	1398.6399	150	101	-47.11	-13.00	34.11	Pass	Vertical
8	3760.0000	150	139	-49.76	-13.00	36.76	Pass	Vertical
9	5640.0000	150	260	-49.12	-13.00	36.12	Pass	Vertical
10	7520.0000	150	19	-45.97	-13.00	32.97	Pass	Vertical
11	9408.3204	150	340	-39.42	-13.00	26.42	Pass	Vertical
12	15047.8524	150	260	-29.67	-13.00	16.67	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		19193		
Remark:	1.4M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.9860	150	22	-77.74	-13.00	64.74	Pass	Horizontal
2	120.0340	150	256	-75.74	-13.00	62.74	Pass	Horizontal
3	167.9616	150	33	-63.37	-13.00	50.37	Pass	Horizontal
4	375.0010	150	337	-74.36	-13.00	61.36	Pass	Horizontal
5	478.6177	150	127	-75.32	-13.00	62.32	Pass	Horizontal
6	687.5975	150	302	-72.04	-13.00	59.04	Pass	Horizontal
7	1228.6229	150	56	-48.46	-13.00	35.46	Pass	Horizontal
8	3818.6000	150	287	-49.50	-13.00	36.50	Pass	Horizontal
9	5727.9000	150	2	-49.93	-13.00	36.93	Pass	Horizontal
10	7637.2000	150	190	-43.83	-13.00	30.83	Pass	Horizontal
11	12219.4610	150	287	-36.99	-13.00	23.99	Pass	Horizontal
12	15616.3808	150	38	-30.18	-13.00	17.18	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		19193		
Remark:	1.4M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.5085	150	315	-66.53	-13.00	53.53	Pass	Vertical
2	167.9616	150	328	-69.15	-13.00	56.15	Pass	Vertical
3	208.9038	150	164	-69.00	-13.00	56.00	Pass	Vertical
4	375.0010	150	83	-74.89	-13.00	61.89	Pass	Vertical
5	599.8920	150	35	-75.17	-13.00	62.17	Pass	Vertical
6	796.6473	150	199	-67.43	-13.00	54.43	Pass	Vertical
7	1196.4196	150	105	-48.75	-13.00	35.75	Pass	Vertical
8	3818.6000	150	286	-48.27	-13.00	35.27	Pass	Vertical
9	5727.9000	150	266	-50.25	-13.00	37.25	Pass	Vertical
10	7637.2000	150	359	-44.37	-13.00	31.37	Pass	Vertical
11	9987.3494	150	209	-38.44	-13.00	25.44	Pass	Vertical
12	15308.1154	150	0	-30.16	-13.00	17.16	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		19185		
Remark:	3M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	62.0164	150	328	-78.37	-13.00	65.37	Pass	Horizontal
2	122.5565	150	164	-75.73	-13.00	62.73	Pass	Horizontal
3	161.3643	150	48	-64.70	-13.00	51.70	Pass	Horizontal
4	360.0600	150	188	-75.35	-13.00	62.35	Pass	Horizontal
5	584.9510	150	153	-73.28	-13.00	60.28	Pass	Horizontal
6	687.5975	150	140	-71.44	-13.00	58.44	Pass	Horizontal
7	1275.4275	150	328	-49.07	-13.00	36.07	Pass	Horizontal
8	3817.0000	150	151	-49.45	-13.00	36.45	Pass	Horizontal
9	5725.5000	150	36	-49.38	-13.00	36.38	Pass	Horizontal
10	7634.0000	150	286	-44.85	-13.00	31.85	Pass	Horizontal
11	11708.6854	150	342	-37.54	-13.00	24.54	Pass	Horizontal
12	14885.8443	150	325	-30.52	-13.00	17.52	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		19185		
Remark:	3M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.3145	150	223	-64.80	-13.00	51.80	Pass	Vertical
2	100.6301	150	2	-77.00	-13.00	64.00	Pass	Vertical
3	184.2609	150	360	-68.64	-13.00	55.64	Pass	Vertical
4	208.9038	150	24	-68.86	-13.00	55.86	Pass	Vertical
5	480.1700	150	281	-73.84	-13.00	60.84	Pass	Vertical
6	687.5975	150	199	-68.17	-13.00	55.17	Pass	Vertical
7	1399.4399	150	140	-46.67	-13.00	33.67	Pass	Vertical
8	3817.0000	150	227	-48.96	-13.00	35.96	Pass	Vertical
9	5725.5000	150	94	-50.15	-13.00	37.15	Pass	Vertical
10	7634.0000	150	172	-44.09	-13.00	31.09	Pass	Vertical
11	10176.3588	150	94	-38.75	-13.00	25.75	Pass	Vertical
12	15058.3529	150	248	-30.25	-13.00	17.25	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		19175		
Remark:	5M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	62.2104	150	359	-78.28	-13.00	65.28	Pass	Horizontal
2	120.0340	150	154	-74.99	-13.00	61.99	Pass	Horizontal
3	160.0060	150	359	-64.10	-13.00	51.10	Pass	Horizontal
4	360.0600	150	167	-73.79	-13.00	60.79	Pass	Horizontal
5	479.3939	150	130	-70.25	-13.00	57.25	Pass	Horizontal
6	687.5975	150	154	-72.03	-13.00	59.03	Pass	Horizontal
7	1324.2324	150	178	-47.97	-13.00	34.97	Pass	Horizontal
8	3815.0000	150	324	-49.34	-13.00	36.34	Pass	Horizontal
9	5722.5000	150	29	-50.13	-13.00	37.13	Pass	Horizontal
10	7630.0000	150	324	-44.82	-13.00	31.82	Pass	Horizontal
11	11514.4257	150	10	-37.65	-13.00	24.65	Pass	Horizontal
12	15036.6018	150	10	-30.26	-13.00	17.26	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		19175		
Remark:	5M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.2847	150	87	-67.19	-13.00	54.19	Pass	Vertical
2	184.2609	150	171	-68.81	-13.00	55.81	Pass	Vertical
3	208.9038	150	25	-69.25	-13.00	56.25	Pass	Vertical
4	270.0260	150	51	-76.06	-13.00	63.06	Pass	Vertical
5	375.0010	150	123	-74.26	-13.00	61.26	Pass	Vertical
6	687.5975	150	232	-68.33	-13.00	55.33	Pass	Vertical
7	1398.2398	150	110	-46.13	-13.00	33.13	Pass	Vertical
8	3815.0000	150	206	-49.06	-13.00	36.06	Pass	Vertical
9	5722.5000	150	206	-50.13	-13.00	37.13	Pass	Vertical
10	7630.0000	150	128	-45.10	-13.00	32.10	Pass	Vertical
11	12070.2035	150	359	-36.33	-13.00	23.33	Pass	Vertical
12	15014.1007	150	206	-29.52	-13.00	16.52	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		19150		
Remark:	10M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	49.9860	150	1	-75.44	-13.00	62.44	Pass	Horizontal
2	121.1982	150	360	-75.44	-13.00	62.44	Pass	Horizontal
3	157.8716	150	356	-62.68	-13.00	49.68	Pass	Horizontal
4	360.0600	150	123	-75.17	-13.00	62.17	Pass	Horizontal
5	597.1754	150	331	-73.26	-13.00	60.26	Pass	Horizontal
6	687.5975	150	331	-71.16	-13.00	58.16	Pass	Horizontal
7	1259.0259	150	86	-48.49	-13.00	35.49	Pass	Horizontal
8	3810.0000	150	186	-49.49	-13.00	36.49	Pass	Horizontal
9	5715.0000	150	147	-49.03	-13.00	36.03	Pass	Horizontal
10	7620.0000	150	69	-46.57	-13.00	33.57	Pass	Horizontal
11	11494.9247	150	302	-37.08	-13.00	24.08	Pass	Horizontal
12	14728.3364	150	31	-28.98	-13.00	15.98	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		19125		
Remark:	10M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.4787	150	341	-67.63	-13.00	54.63	Pass	Vertical
2	158.0656	150	122	-70.51	-13.00	57.51	Pass	Vertical
3	184.2609	150	12	-68.15	-13.00	55.15	Pass	Vertical
4	270.0260	150	1	-76.27	-13.00	63.27	Pass	Vertical
5	398.2857	150	218	-75.59	-13.00	62.59	Pass	Vertical
6	687.5975	150	194	-67.65	-13.00	54.65	Pass	Vertical
7	1395.4395	150	134	-46.58	-13.00	33.58	Pass	Vertical
8	3810.0000	150	52	-49.73	-13.00	36.73	Pass	Vertical
9	5715.0000	150	186	-49.29	-13.00	36.29	Pass	Vertical
10	7620.0000	150	284	-45.49	-13.00	32.49	Pass	Vertical
11	11495.6748	150	129	-36.50	-13.00	23.50	Pass	Vertical
12	15163.3582	150	52	-30.34	-13.00	17.34	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		19125		
Remark:	15M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	61.8224	150	48	-78.49	-13.00	65.49	Pass	Horizontal
2	160.0060	150	359	-64.94	-13.00	51.94	Pass	Horizontal
3	182.1264	150	35	-68.58	-13.00	55.58	Pass	Horizontal
4	375.0010	150	339	-73.34	-13.00	60.34	Pass	Horizontal
5	584.9510	150	70	-72.85	-13.00	59.85	Pass	Horizontal
6	687.5975	150	82	-71.35	-13.00	58.35	Pass	Horizontal
7	1278.8279	150	94	-48.58	-13.00	35.58	Pass	Horizontal
8	3805.0000	150	36	-49.21	-13.00	36.21	Pass	Horizontal
9	5707.5000	150	342	-49.97	-13.00	36.97	Pass	Horizontal
10	7610.0000	150	1	-46.39	-13.00	33.39	Pass	Horizontal
11	12206.7103	150	75	-36.78	-13.00	23.78	Pass	Horizontal
12	14815.3408	150	1	-30.46	-13.00	17.46	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		19125		
Remark:	15M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.8966	150	1	-66.67	-13.00	53.67	Pass	Vertical
2	92.0924	150	293	-78.86	-13.00	65.86	Pass	Vertical
3	184.2609	150	328	-68.51	-13.00	55.51	Pass	Vertical
4	208.9038	150	24	-68.87	-13.00	55.87	Pass	Vertical
5	375.0010	150	94	-74.02	-13.00	61.02	Pass	Vertical
6	687.5975	150	164	-67.16	-13.00	54.16	Pass	Vertical
7	1399.2399	150	164	-47.94	-13.00	34.94	Pass	Vertical
8	3805.0000	150	266	-48.71	-13.00	35.71	Pass	Vertical
9	5707.5000	150	95	-49.65	-13.00	36.65	Pass	Vertical
10	7610.0000	150	172	-46.11	-13.00	33.11	Pass	Vertical
11	11347.1674	150	1	-37.49	-13.00	24.49	Pass	Vertical
12	15097.3549	150	210	-30.50	-13.00	17.50	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		19100		
Remark:	20M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	62.9866	150	83	-77.38	-13.00	64.38	Pass	Horizontal
2	160.9762	150	13	-65.90	-13.00	52.90	Pass	Horizontal
3	183.0966	150	35	-68.63	-13.00	55.63	Pass	Horizontal
4	360.0600	150	258	-74.66	-13.00	61.66	Pass	Horizontal
5	584.9510	150	105	-70.93	-13.00	57.93	Pass	Horizontal
6	687.5975	150	141	-71.62	-13.00	58.62	Pass	Horizontal
7	1338.4338	150	141	-48.15	-13.00	35.15	Pass	Horizontal
8	3800.0000	150	172	-50.31	-13.00	37.31	Pass	Horizontal
9	5700.0000	150	113	-49.79	-13.00	36.79	Pass	Horizontal
10	7600.0000	150	210	-46.11	-13.00	33.11	Pass	Horizontal
11	11704.9352	150	210	-37.42	-13.00	24.42	Pass	Horizontal
12	14832.5916	150	227	-30.24	-13.00	17.24	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		19100		
Remark:	20M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.0906	150	156	-65.72	-13.00	52.72	Pass	Vertical
2	184.2609	150	360	-69.18	-13.00	56.18	Pass	Vertical
3	208.9038	150	317	-68.35	-13.00	55.35	Pass	Vertical
4	270.0260	150	47	-76.76	-13.00	63.76	Pass	Vertical
5	398.2857	150	360	-76.83	-13.00	63.83	Pass	Vertical
6	687.5975	150	167	-66.05	-13.00	53.05	Pass	Vertical
7	1231.6232	150	360	-49.09	-13.00	36.09	Pass	Vertical
8	3800.0000	150	266	-49.35	-13.00	36.35	Pass	Vertical
9	5700.0000	150	173	-49.64	-13.00	36.64	Pass	Vertical
10	7600.0000	150	325	-45.65	-13.00	32.65	Pass	Vertical
11	10036.1018	150	153	-38.52	-13.00	25.52	Pass	Vertical
12	15098.8549	150	266	-30.35	-13.00	17.35	Pass	Vertical

16QAM

Mode:	LTE Traffic							
Band:	2			Channel:		18607		
Remark:	1.4M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	51.5383	150	86	-78.34	-13.00	65.34	Pass	Horizontal
2	162.5285	150	41	-64.97	-13.00	51.97	Pass	Horizontal
3	208.9038	150	100	-74.93	-13.00	61.93	Pass	Horizontal
4	375.0010	150	360	-73.14	-13.00	60.14	Pass	Horizontal
5	480.5581	150	128	-70.36	-13.00	57.36	Pass	Horizontal
6	687.5975	150	184	-70.48	-13.00	57.48	Pass	Horizontal
7	1397.6398	150	2	-50.89	-13.00	37.89	Pass	Horizontal
8	3701.4000	150	0	-52.63	-13.00	39.63	Pass	Horizontal
9	5552.1000	150	340	-50.47	-13.00	37.47	Pass	Horizontal
10	7402.8000	150	0	-47.93	-13.00	34.93	Pass	Horizontal
11	9770.5885	150	41	-42.19	-13.00	29.19	Pass	Horizontal
12	14464.3232	150	0	-38.86	-13.00	25.86	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18607		
Remark:	1.4M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.0760	150	27	-66.52	-13.00	53.52	Pass	Vertical
2	109.9440	150	324	-76.46	-13.00	63.46	Pass	Vertical
3	168.5437	150	355	-72.53	-13.00	59.53	Pass	Vertical
4	208.9038	150	296	-68.56	-13.00	55.56	Pass	Vertical
5	399.8380	150	311	-75.73	-13.00	62.73	Pass	Vertical
6	687.5975	150	269	-67.84	-13.00	54.84	Pass	Vertical
7	1399.2399	150	98	-48.36	-13.00	35.36	Pass	Vertical
8	3701.4000	150	293	-51.74	-13.00	38.74	Pass	Vertical
9	5552.1000	150	0	-51.27	-13.00	38.27	Pass	Vertical
10	7402.8000	150	40	-48.68	-13.00	35.68	Pass	Vertical
11	10960.8980	150	359	-42.06	-13.00	29.06	Pass	Vertical
12	14363.0682	150	16	-39.35	-13.00	26.35	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		18615		
Remark:	3M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.8522	150	202	-78.58	-13.00	65.58	Pass	Horizontal
2	156.3193	150	57	-64.84	-13.00	51.84	Pass	Horizontal
3	270.0260	150	172	-78.97	-13.00	65.97	Pass	Horizontal
4	375.0010	150	336	-74.59	-13.00	61.59	Pass	Horizontal
5	477.6475	150	114	-74.62	-13.00	61.62	Pass	Horizontal
6	799.9460	150	130	-71.07	-13.00	58.07	Pass	Horizontal
7	1397.8398	150	1	-50.09	-13.00	37.09	Pass	Horizontal
8	3703.0000	150	358	-52.36	-13.00	39.36	Pass	Horizontal
9	5554.5000	150	9	-50.92	-13.00	37.92	Pass	Horizontal
10	7406.0000	150	244	-48.67	-13.00	35.67	Pass	Horizontal
11	9283.8142	150	9	-41.96	-13.00	28.96	Pass	Horizontal
12	14393.0697	150	292	-39.27	-13.00	26.27	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18615		
Remark:	3M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	59.8820	150	295	-66.92	-13.00	53.92	Pass	Vertical
2	90.1520	150	85	-76.24	-13.00	63.24	Pass	Vertical
3	165.4391	150	207	-70.95	-13.00	57.95	Pass	Vertical
4	208.9038	150	85	-68.36	-13.00	55.36	Pass	Vertical
5	398.6737	150	354	-77.26	-13.00	64.26	Pass	Vertical
6	687.5975	150	325	-68.46	-13.00	55.46	Pass	Vertical
7	1398.0398	150	134	-47.42	-13.00	34.42	Pass	Vertical
8	3703.0000	150	269	-51.85	-13.00	38.85	Pass	Vertical
9	5554.5000	150	221	-51.99	-13.00	38.99	Pass	Vertical
10	7406.0000	150	242	-49.08	-13.00	36.08	Pass	Vertical
11	9297.3149	150	168	-42.45	-13.00	29.45	Pass	Vertical
12	16603.4302	150	28	-39.30	-13.00	26.30	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		18625		
Remark:	5M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	61.4343	150	284	-78.52	-13.00	65.52	Pass	Horizontal
2	121.0042	150	165	-71.70	-13.00	58.70	Pass	Horizontal
3	154.3789	150	57	-63.19	-13.00	50.19	Pass	Horizontal
4	375.0010	150	2	-73.99	-13.00	60.99	Pass	Horizontal
5	479.9760	150	114	-73.68	-13.00	60.68	Pass	Horizontal
6	687.5975	150	132	-69.87	-13.00	56.87	Pass	Horizontal
7	1396.0396	150	2	-50.12	-13.00	37.12	Pass	Horizontal
8	3705.0000	150	3	-52.36	-13.00	39.36	Pass	Horizontal
9	5557.5000	150	50	-51.09	-13.00	38.09	Pass	Horizontal
10	7410.0000	150	173	-48.84	-13.00	35.84	Pass	Horizontal
11	9640.8320	150	243	-42.33	-13.00	29.33	Pass	Horizontal
12	14915.0958	150	317	-39.38	-13.00	26.38	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18625		
Remark:	5M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.0760	150	70	-67.60	-13.00	54.60	Pass	Vertical
2	92.0924	150	308	-75.51	-13.00	62.51	Pass	Vertical
3	208.9038	150	280	-68.56	-13.00	55.56	Pass	Vertical
4	309.9980	150	359	-76.54	-13.00	63.54	Pass	Vertical
5	399.2559	150	41	-76.17	-13.00	63.17	Pass	Vertical
6	687.5975	150	251	-68.01	-13.00	55.01	Pass	Vertical
7	1398.0398	150	98	-47.27	-13.00	34.27	Pass	Vertical
8	3705.0000	150	201	-53.04	-13.00	40.04	Pass	Vertical
9	5557.5000	150	13	-50.79	-13.00	37.79	Pass	Vertical
10	7410.0000	150	155	-48.17	-13.00	35.17	Pass	Vertical
11	10400.6200	150	247	-41.71	-13.00	28.71	Pass	Vertical
12	14012.8006	150	247	-38.69	-13.00	25.69	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		18650		
Remark:	10M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.2847	150	189	-77.16	-13.00	64.16	Pass	Horizontal
2	120.8102	150	189	-71.49	-13.00	58.49	Pass	Horizontal
3	167.9616	150	58	-63.83	-13.00	50.83	Pass	Horizontal
4	208.9038	150	204	-75.47	-13.00	62.47	Pass	Horizontal
5	375.0010	150	358	-73.98	-13.00	60.98	Pass	Horizontal
6	687.5975	150	189	-71.07	-13.00	58.07	Pass	Horizontal
7	1398.0398	150	2	-51.18	-13.00	38.18	Pass	Horizontal
8	3710.0000	150	81	-53.51	-13.00	40.51	Pass	Horizontal
9	5565.0000	150	244	-51.80	-13.00	38.80	Pass	Horizontal
10	7420.0000	150	270	-48.33	-13.00	35.33	Pass	Horizontal
11	10224.3612	150	34	-42.69	-13.00	29.69	Pass	Horizontal
12	14926.3463	150	8	-38.81	-13.00	25.81	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18650		
Remark:	10M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.0760	150	87	-67.00	-13.00	54.00	Pass	Vertical
2	92.4805	150	41	-76.51	-13.00	63.51	Pass	Vertical
3	208.9038	150	58	-68.01	-13.00	55.01	Pass	Vertical
4	375.0010	150	58	-75.48	-13.00	62.48	Pass	Vertical
5	597.5635	150	41	-71.07	-13.00	58.07	Pass	Vertical
6	687.5975	150	263	-68.36	-13.00	55.36	Pass	Vertical
7	1397.4397	150	131	-47.91	-13.00	34.91	Pass	Vertical
8	3710.0000	150	290	-53.41	-13.00	40.41	Pass	Vertical
9	5565.0000	150	317	-50.88	-13.00	37.88	Pass	Vertical
10	7420.0000	150	40	-49.39	-13.00	36.39	Pass	Vertical
11	9195.3098	150	0	-42.28	-13.00	29.28	Pass	Vertical
12	15527.1264	150	238	-39.81	-13.00	26.81	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		18675		
Remark:	15M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	57.7476	150	39	-77.79	-13.00	64.79	Pass	Horizontal
2	120.0340	150	165	-74.93	-13.00	61.93	Pass	Horizontal
3	155.3491	150	39	-63.96	-13.00	50.96	Pass	Horizontal
4	208.9038	150	110	-75.42	-13.00	62.42	Pass	Horizontal
5	479.7820	150	180	-71.43	-13.00	58.43	Pass	Horizontal
6	687.5975	150	152	-70.54	-13.00	57.54	Pass	Horizontal
7	1388.0388	150	96	-52.33	-13.00	39.33	Pass	Horizontal
8	3715.0000	150	319	-52.76	-13.00	39.76	Pass	Horizontal
9	5572.5000	150	340	-51.15	-13.00	38.15	Pass	Horizontal
10	7430.0000	150	181	-49.18	-13.00	36.18	Pass	Horizontal
11	10243.1122	150	294	-42.26	-13.00	29.26	Pass	Horizontal
12	15090.6045	150	1	-39.18	-13.00	26.18	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18675		
Remark:	15M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.2701	150	322	-66.98	-13.00	53.98	Pass	Vertical
2	163.6927	150	197	-71.29	-13.00	58.29	Pass	Vertical
3	208.9038	150	70	-68.20	-13.00	55.20	Pass	Vertical
4	309.9980	150	210	-76.00	-13.00	63.00	Pass	Vertical
5	398.8678	150	168	-74.38	-13.00	61.38	Pass	Vertical
6	687.5975	150	42	-67.73	-13.00	54.73	Pass	Vertical
7	1398.0398	150	126	-47.84	-13.00	34.84	Pass	Vertical
8	3715.0000	150	40	-53.18	-13.00	40.18	Pass	Vertical
9	5572.5000	150	0	-51.78	-13.00	38.78	Pass	Vertical
10	7430.0000	150	108	-49.12	-13.00	36.12	Pass	Vertical
11	11619.4310	150	318	-41.27	-13.00	28.27	Pass	Vertical
12	14006.8003	150	318	-38.80	-13.00	25.80	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		18700		
Remark:	20M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.0906	150	71	-78.34	-13.00	65.34	Pass	Horizontal
2	120.0340	150	360	-75.94	-13.00	62.94	Pass	Horizontal
3	155.1550	150	2	-64.24	-13.00	51.24	Pass	Horizontal
4	375.0010	150	2	-74.51	-13.00	61.51	Pass	Horizontal
5	479.9760	150	104	-74.22	-13.00	61.22	Pass	Horizontal
6	687.5975	150	190	-69.08	-13.00	56.08	Pass	Horizontal
7	1399.4399	150	2	-50.19	-13.00	37.19	Pass	Horizontal
8	3720.0000	150	194	-53.17	-13.00	40.17	Pass	Horizontal
9	5580.0000	150	147	-51.89	-13.00	38.89	Pass	Horizontal
10	7440.0000	150	5	-48.56	-13.00	35.56	Pass	Horizontal
11	11749.1875	150	172	-41.43	-13.00	28.43	Pass	Horizontal
12	14215.3108	150	52	-39.44	-13.00	26.44	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18700		
Remark:	20M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.5085	150	360	-68.96	-13.00	55.96	Pass	Vertical
2	60.0760	150	112	-67.16	-13.00	54.16	Pass	Vertical
3	109.9440	150	2	-75.86	-13.00	62.86	Pass	Vertical
4	208.9038	150	84	-68.31	-13.00	55.31	Pass	Vertical
5	399.2559	150	353	-75.73	-13.00	62.73	Pass	Vertical
6	687.5975	150	282	-68.18	-13.00	55.18	Pass	Vertical
7	1396.4396	150	126	-47.09	-13.00	34.09	Pass	Vertical
8	3720.0000	150	1	-52.54	-13.00	39.54	Pass	Vertical
9	5580.0000	150	340	-52.36	-13.00	39.36	Pass	Vertical
10	7440.0000	150	273	-49.05	-13.00	36.05	Pass	Vertical
11	11170.9085	150	134	-41.87	-13.00	28.87	Pass	Vertical
12	15060.6030	150	248	-39.44	-13.00	26.44	Pass	Vertical

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	57.9416	150	218	-78.42	-13.00	65.42	Pass	Horizontal
2	167.9616	150	15	-64.20	-13.00	51.20	Pass	Horizontal
3	208.9038	150	187	-75.04	-13.00	62.04	Pass	Horizontal
4	375.0010	150	127	-74.69	-13.00	61.69	Pass	Horizontal
5	479.1998	150	113	-75.17	-13.00	62.17	Pass	Horizontal
6	687.5975	150	200	-70.06	-13.00	57.06	Pass	Horizontal
7	1399.4399	150	218	-51.65	-13.00	38.65	Pass	Horizontal
8	3760.0000	150	339	-51.20	-13.00	38.20	Pass	Horizontal
9	5640.0000	150	317	-51.07	-13.00	38.07	Pass	Horizontal
10	7520.0000	150	58	-49.12	-13.00	36.12	Pass	Horizontal
11	11010.4005	150	83	-41.67	-13.00	28.67	Pass	Horizontal
12	14943.5972	150	151	-39.79	-13.00	26.79	Pass	Horizontal

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

NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.0760	150	295	-67.15	-13.00	54.15	Pass	Vertical
2	109.9440	150	14	-75.39	-13.00	62.39	Pass	Vertical
3	208.9038	150	223	-68.49	-13.00	55.49	Pass	Vertical
4	399.0618	150	156	-75.83	-13.00	62.83	Pass	Vertical
5	597.1754	150	14	-72.29	-13.00	59.29	Pass	Vertical
6	687.5975	150	237	-67.93	-13.00	54.93	Pass	Vertical
7	1399.4399	150	118	-48.02	-13.00	35.02	Pass	Vertical
8	3760.0000	150	318	-52.31	-13.00	39.31	Pass	Vertical
9	5640.0000	150	340	-52.73	-13.00	39.73	Pass	Vertical
10	7520.0000	150	271	-48.90	-13.00	35.90	Pass	Vertical
11	9078.3039	150	246	-42.26	-13.00	29.26	Pass	Vertical
12	14068.3034	150	293	-39.21	-13.00	26.21	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		18900		
Remark:	3M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	57.9416	150	234	-77.52	-13.00	64.52	Pass	Horizontal
2	116.3473	150	130	-73.93	-13.00	60.93	Pass	Horizontal
3	157.8716	150	29	-63.79	-13.00	50.79	Pass	Horizontal
4	270.0260	150	59	-78.08	-13.00	65.08	Pass	Horizontal
5	479.9760	150	115	-74.69	-13.00	61.69	Pass	Horizontal
6	687.5975	150	144	-70.68	-13.00	57.68	Pass	Horizontal
7	1396.8397	150	2	-51.00	-13.00	38.00	Pass	Horizontal
8	3760.0000	150	92	-52.94	-13.00	39.94	Pass	Horizontal
9	5640.0000	150	92	-52.43	-13.00	39.43	Pass	Horizontal
10	7520.0000	150	2	-48.39	-13.00	35.39	Pass	Horizontal
11	10580.6290	150	294	-42.18	-13.00	29.18	Pass	Horizontal
12	14390.0695	150	2	-38.92	-13.00	25.92	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18900		
Remark:	3M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	59.6879	150	185	-67.48	-13.00	54.48	Pass	Vertical
2	91.1222	150	185	-77.98	-13.00	64.98	Pass	Vertical
3	174.7530	150	359	-71.64	-13.00	58.64	Pass	Vertical
4	208.9038	150	304	-68.71	-13.00	55.71	Pass	Vertical
5	399.6439	150	127	-76.41	-13.00	63.41	Pass	Vertical
6	687.5975	150	42	-67.45	-13.00	54.45	Pass	Vertical
7	1194.8195	150	170	-51.05	-13.00	38.05	Pass	Vertical
8	3760.0000	150	358	-53.03	-13.00	40.03	Pass	Vertical
9	5640.0000	150	176	-52.42	-13.00	39.42	Pass	Vertical
10	7520.0000	150	33	-48.83	-13.00	35.83	Pass	Vertical
11	9145.0573	150	292	-42.67	-13.00	29.67	Pass	Vertical
12	14071.3036	150	198	-39.57	-13.00	26.57	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		18900		
Remark:	5M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	61.4343	150	143	-77.42	-13.00	64.42	Pass	Horizontal
2	120.0340	150	158	-74.43	-13.00	61.43	Pass	Horizontal
3	156.9014	150	58	-63.99	-13.00	50.99	Pass	Horizontal
4	375.0010	150	15	-74.34	-13.00	61.34	Pass	Horizontal
5	478.6177	150	115	-74.83	-13.00	61.83	Pass	Horizontal
6	687.5975	150	233	-70.71	-13.00	57.71	Pass	Horizontal
7	1396.6397	150	2	-50.18	-13.00	37.18	Pass	Horizontal
8	3760.0000	150	172	-52.72	-13.00	39.72	Pass	Horizontal
9	5640.0000	150	3	-52.04	-13.00	39.04	Pass	Horizontal
10	7520.0000	150	50	-48.87	-13.00	35.87	Pass	Horizontal
11	10180.8590	150	241	-42.16	-13.00	29.16	Pass	Horizontal
12	14397.5699	150	219	-38.76	-13.00	25.76	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18900		
Remark:	5M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.0760	150	200	-66.69	-13.00	53.69	Pass	Vertical
2	91.8984	150	150	-76.36	-13.00	63.36	Pass	Vertical
3	164.4689	150	200	-71.33	-13.00	58.33	Pass	Vertical
4	208.9038	150	73	-67.92	-13.00	54.92	Pass	Vertical
5	375.0010	150	150	-77.04	-13.00	64.04	Pass	Vertical
6	687.5975	150	306	-68.16	-13.00	55.16	Pass	Vertical
7	1399.4399	150	102	-48.13	-13.00	35.13	Pass	Vertical
8	3760.0000	150	273	-52.45	-13.00	39.45	Pass	Vertical
9	5640.0000	150	110	-51.88	-13.00	38.88	Pass	Vertical
10	7520.0000	150	202	-48.56	-13.00	35.56	Pass	Vertical
11	9151.0576	150	202	-42.57	-13.00	29.57	Pass	Vertical
12	15053.1027	150	1	-38.99	-13.00	25.99	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		18900		
Remark:	10M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.5085	150	28	-77.43	-13.00	64.43	Pass	Horizontal
2	123.5267	150	360	-71.47	-13.00	58.47	Pass	Horizontal
3	159.6179	150	42	-64.63	-13.00	51.63	Pass	Horizontal
4	375.0010	150	360	-73.74	-13.00	60.74	Pass	Horizontal
5	480.7522	150	126	-71.21	-13.00	58.21	Pass	Horizontal
6	687.5975	150	170	-69.81	-13.00	56.81	Pass	Horizontal
7	1398.0398	150	42	-49.02	-13.00	36.02	Pass	Horizontal
8	3760.0000	150	292	-52.33	-13.00	39.33	Pass	Horizontal
9	5640.0000	150	7	-51.92	-13.00	38.92	Pass	Horizontal
10	7520.0000	150	292	-48.65	-13.00	35.65	Pass	Horizontal
11	11003.6502	150	340	-42.13	-13.00	29.13	Pass	Horizontal
12	15083.8542	150	187	-38.49	-13.00	25.49	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18900		
Remark:	10M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.0760	150	218	-66.83	-13.00	53.83	Pass	Vertical
2	91.7043	150	189	-76.34	-13.00	63.34	Pass	Vertical
3	208.9038	150	261	-68.40	-13.00	55.40	Pass	Vertical
4	399.8380	150	146	-75.06	-13.00	62.06	Pass	Vertical
5	458.2436	150	132	-75.95	-13.00	62.95	Pass	Vertical
6	687.5975	150	261	-67.49	-13.00	54.49	Pass	Vertical
7	1400.0400	150	100	-46.40	-13.00	33.40	Pass	Vertical
8	3760.0000	150	340	-53.22	-13.00	40.22	Pass	Vertical
9	5640.0000	150	120	-51.66	-13.00	38.66	Pass	Vertical
10	7520.0000	150	240	-47.96	-13.00	34.96	Pass	Vertical
11	10395.3698	150	5	-42.31	-13.00	29.31	Pass	Vertical
12	14419.3210	150	214	-39.40	-13.00	26.40	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		18900		
Remark:	15M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	53.0906	150	106	-76.55	-13.00	63.55	Pass	Horizontal
2	120.0340	150	148	-74.84	-13.00	61.84	Pass	Horizontal
3	155.1550	150	348	-65.19	-13.00	52.19	Pass	Horizontal
4	208.9038	150	191	-75.20	-13.00	62.20	Pass	Horizontal
5	375.0010	150	359	-75.09	-13.00	62.09	Pass	Horizontal
6	797.8116	150	106	-72.16	-13.00	59.16	Pass	Horizontal
7	1305.6306	150	191	-51.46	-13.00	38.46	Pass	Horizontal
8	3760.0000	150	360	-53.52	-13.00	40.52	Pass	Horizontal
9	5640.0000	150	206	-51.48	-13.00	38.48	Pass	Horizontal
10	7520.0000	150	181	-48.72	-13.00	35.72	Pass	Horizontal
11	9583.0792	150	299	-42.20	-13.00	29.20	Pass	Horizontal
12	14900.0950	150	67	-38.95	-13.00	25.95	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18900		
Remark:	15M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.2701	150	50	-66.89	-13.00	53.89	Pass	Vertical
2	171.2603	150	333	-71.61	-13.00	58.61	Pass	Vertical
3	208.9038	150	65	-68.09	-13.00	55.09	Pass	Vertical
4	329.9840	150	37	-76.77	-13.00	63.77	Pass	Vertical
5	597.3695	150	65	-74.50	-13.00	61.50	Pass	Vertical
6	687.5975	150	192	-67.86	-13.00	54.86	Pass	Vertical
7	1398.0398	150	121	-47.44	-13.00	34.44	Pass	Vertical
8	3760.0000	150	20	-53.51	-13.00	40.51	Pass	Vertical
9	5640.0000	150	296	-52.23	-13.00	39.23	Pass	Vertical
10	7520.0000	150	250	-48.37	-13.00	35.37	Pass	Vertical
11	11716.1858	150	112	-41.83	-13.00	28.83	Pass	Vertical
12	13680.5340	150	250	-39.52	-13.00	26.52	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		18900		
Remark:	20M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.8522	150	346	-78.25	-13.00	65.25	Pass	Horizontal
2	158.8418	150	359	-64.32	-13.00	51.32	Pass	Horizontal
3	208.9038	150	100	-75.98	-13.00	62.98	Pass	Horizontal
4	378.1056	150	359	-75.38	-13.00	62.38	Pass	Horizontal
5	477.8416	150	146	-74.69	-13.00	61.69	Pass	Horizontal
6	687.5975	150	146	-71.61	-13.00	58.61	Pass	Horizontal
7	1397.8398	150	1	-51.04	-13.00	38.04	Pass	Horizontal
8	3760.0000	150	297	-52.44	-13.00	39.44	Pass	Horizontal
9	5640.0000	150	20	-50.88	-13.00	37.88	Pass	Horizontal
10	7520.0000	150	88	-48.77	-13.00	35.77	Pass	Horizontal
11	11285.6643	150	112	-41.56	-13.00	28.56	Pass	Horizontal
12	13654.2827	150	88	-39.45	-13.00	26.45	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		18900		
Remark:	20M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.0760	150	346	-67.39	-13.00	54.39	Pass	Vertical
2	167.9616	150	332	-70.48	-13.00	57.48	Pass	Vertical
3	208.9038	150	106	-68.92	-13.00	55.92	Pass	Vertical
4	398.2857	150	346	-75.90	-13.00	62.90	Pass	Vertical
5	687.5975	150	64	-68.51	-13.00	55.51	Pass	Vertical
6	796.2593	150	176	-68.28	-13.00	55.28	Pass	Vertical
7	1400.0400	150	106	-48.18	-13.00	35.18	Pass	Vertical
8	3760.0000	150	114	-52.92	-13.00	39.92	Pass	Vertical
9	5640.0000	150	88	-51.23	-13.00	38.23	Pass	Vertical
10	7520.0000	150	276	-48.06	-13.00	35.06	Pass	Vertical
11	10819.8910	150	208	-41.97	-13.00	28.97	Pass	Vertical
12	13661.0331	150	229	-39.61	-13.00	26.61	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		19193		
Remark:	1.4M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.6581	150	120	-77.79	-13.00	64.79	Pass	Horizontal
2	120.0340	150	120	-75.69	-13.00	62.69	Pass	Horizontal
3	154.3789	150	36	-63.78	-13.00	50.78	Pass	Horizontal
4	375.0010	150	358	-74.29	-13.00	61.29	Pass	Horizontal
5	584.9510	150	120	-72.84	-13.00	59.84	Pass	Horizontal
6	687.5975	150	134	-71.79	-13.00	58.79	Pass	Horizontal
7	1400.0400	150	36	-50.27	-13.00	37.27	Pass	Horizontal
8	3818.6000	150	298	-51.88	-13.00	38.88	Pass	Horizontal
9	5727.9000	150	252	-51.61	-13.00	38.61	Pass	Horizontal
10	7637.2000	150	206	-46.29	-13.00	33.29	Pass	Horizontal
11	10163.6082	150	134	-42.29	-13.00	29.29	Pass	Horizontal
12	14349.5675	150	345	-38.91	-13.00	25.91	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		19193		
Remark:	1.4M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.0760	150	215	-66.59	-13.00	53.59	Pass	Vertical
2	90.3461	150	11	-75.78	-13.00	62.78	Pass	Vertical
3	160.0060	150	186	-70.93	-13.00	57.93	Pass	Vertical
4	208.9038	150	25	-68.24	-13.00	55.24	Pass	Vertical
5	411.4803	150	172	-76.40	-13.00	63.40	Pass	Vertical
6	687.5975	150	320	-68.79	-13.00	55.79	Pass	Vertical
7	1197.6198	150	172	-50.09	-13.00	37.09	Pass	Vertical
8	3818.6000	150	342	-51.31	-13.00	38.31	Pass	Vertical
9	5727.9000	150	112	-50.78	-13.00	37.78	Pass	Vertical
10	7637.2000	150	20	-49.29	-13.00	36.29	Pass	Vertical
11	10204.1102	150	41	-41.82	-13.00	28.82	Pass	Vertical
12	15987.6494	150	226	-39.29	-13.00	26.29	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		19185		
Remark:	3M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.5085	150	106	-77.80	-13.00	64.80	Pass	Horizontal
2	115.5711	150	332	-74.47	-13.00	61.47	Pass	Horizontal
3	154.3789	150	6	-63.97	-13.00	50.97	Pass	Horizontal
4	375.0010	150	6	-75.14	-13.00	62.14	Pass	Horizontal
5	474.9310	150	91	-75.23	-13.00	62.23	Pass	Horizontal
6	687.5975	150	133	-70.70	-13.00	57.70	Pass	Horizontal
7	1395.8396	150	0	-51.78	-13.00	38.78	Pass	Horizontal
8	3817.0000	150	274	-51.83	-13.00	38.83	Pass	Horizontal
9	5725.5000	150	227	-52.87	-13.00	39.87	Pass	Horizontal
10	7634.0000	150	88	-48.22	-13.00	35.22	Pass	Horizontal
11	10630.8815	150	181	-42.16	-13.00	29.16	Pass	Horizontal
12	14014.3007	150	299	-39.25	-13.00	26.25	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		19185		
Remark:	3M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.5085	150	358	-70.10	-13.00	57.10	Pass	Vertical
2	60.0760	150	278	-66.47	-13.00	53.47	Pass	Vertical
3	165.6331	150	165	-71.92	-13.00	58.92	Pass	Vertical
4	208.9038	150	52	-69.14	-13.00	56.14	Pass	Vertical
5	399.6439	150	1	-76.60	-13.00	63.60	Pass	Vertical
6	687.5975	150	333	-68.73	-13.00	55.73	Pass	Vertical
7	1289.4289	150	81	-52.38	-13.00	39.38	Pass	Vertical
8	3817.0000	150	20	-52.46	-13.00	39.46	Pass	Vertical
9	5725.5000	150	250	-53.12	-13.00	40.12	Pass	Vertical
10	7634.0000	150	66	-48.08	-13.00	35.08	Pass	Vertical
11	10129.8565	150	133	-42.12	-13.00	29.12	Pass	Vertical
12	15027.6014	150	250	-39.40	-13.00	26.40	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		19175		
Remark:	5M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.6581	150	250	-77.64	-13.00	64.64	Pass	Horizontal
2	157.4835	150	35	-64.94	-13.00	51.94	Pass	Horizontal
3	208.9038	150	93	-73.96	-13.00	60.96	Pass	Horizontal
4	344.3429	150	334	-76.30	-13.00	63.30	Pass	Horizontal
5	479.1998	150	108	-74.73	-13.00	61.73	Pass	Horizontal
6	687.5975	150	122	-72.29	-13.00	59.29	Pass	Horizontal
7	1395.4395	150	0	-51.47	-13.00	38.47	Pass	Horizontal
8	3815.0000	150	345	-52.43	-13.00	39.43	Pass	Horizontal
9	5722.5000	150	88	-51.76	-13.00	38.76	Pass	Horizontal
10	7630.0000	150	345	-47.47	-13.00	34.47	Pass	Horizontal
11	9308.5654	150	274	-42.81	-13.00	29.81	Pass	Horizontal
12	15090.6045	150	206	-39.40	-13.00	26.40	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		19175		
Remark:	5M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	59.6879	150	7	-67.02	-13.00	54.02	Pass	Vertical
2	155.9312	150	176	-72.10	-13.00	59.10	Pass	Vertical
3	208.9038	150	134	-68.75	-13.00	55.75	Pass	Vertical
4	300.1020	150	176	-76.24	-13.00	63.24	Pass	Vertical
5	411.4803	150	162	-77.05	-13.00	64.05	Pass	Vertical
6	687.5975	150	290	-68.04	-13.00	55.04	Pass	Vertical
7	1397.0397	150	92	-49.39	-13.00	36.39	Pass	Vertical
8	3815.0000	150	250	-51.95	-13.00	38.95	Pass	Vertical
9	5722.5000	150	296	-49.68	-13.00	36.68	Pass	Vertical
10	7630.0000	150	250	-48.30	-13.00	35.30	Pass	Vertical
11	10138.8569	150	204	-41.73	-13.00	28.73	Pass	Vertical
12	13727.7864	150	318	-39.56	-13.00	26.56	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		19150		
Remark:	10M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.8522	150	114	-77.70	-13.00	64.70	Pass	Horizontal
2	155.5431	150	12	-63.36	-13.00	50.36	Pass	Horizontal
3	208.9038	150	85	-75.77	-13.00	62.77	Pass	Horizontal
4	375.0010	150	2	-73.42	-13.00	60.42	Pass	Horizontal
5	584.9510	150	156	-72.52	-13.00	59.52	Pass	Horizontal
6	687.5975	150	143	-69.84	-13.00	56.84	Pass	Horizontal
7	1399.6400	150	358	-51.23	-13.00	38.23	Pass	Horizontal
8	3810.0000	150	107	-53.10	-13.00	40.10	Pass	Horizontal
9	5715.0000	150	0	-53.10	-13.00	40.10	Pass	Horizontal
10	7620.0000	150	0	-48.75	-13.00	35.75	Pass	Horizontal
11	11770.1885	150	178	-41.52	-13.00	28.52	Pass	Horizontal
12	13663.2832	150	86	-39.06	-13.00	26.06	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		19150		
Remark:	10M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.0760	150	232	-66.14	-13.00	53.14	Pass	Vertical
2	166.4093	150	214	-71.54	-13.00	58.54	Pass	Vertical
3	208.9038	150	282	-68.27	-13.00	55.27	Pass	Vertical
4	309.9980	150	360	-77.17	-13.00	64.17	Pass	Vertical
5	479.9760	150	232	-76.32	-13.00	63.32	Pass	Vertical
6	687.5975	150	232	-68.01	-13.00	55.01	Pass	Vertical
7	1396.8397	150	83	-49.16	-13.00	36.16	Pass	Vertical
8	3810.0000	150	358	-51.94	-13.00	38.94	Pass	Vertical
9	5715.0000	150	268	-51.94	-13.00	38.94	Pass	Vertical
10	7620.0000	150	94	-48.82	-13.00	35.82	Pass	Vertical
11	10305.3653	150	0	-42.29	-13.00	29.29	Pass	Vertical
12	14930.0965	150	194	-39.09	-13.00	26.09	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		19125		
Remark:	15M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	61.0462	150	94	-78.36	-13.00	65.36	Pass	Horizontal
2	157.2895	150	50	-63.45	-13.00	50.45	Pass	Horizontal
3	208.9038	150	110	-75.52	-13.00	62.52	Pass	Horizontal
4	375.0010	150	359	-74.54	-13.00	61.54	Pass	Horizontal
5	479.9760	150	123	-74.62	-13.00	61.62	Pass	Horizontal
6	687.5975	150	123	-70.81	-13.00	57.81	Pass	Horizontal
7	1399.0399	150	221	-50.19	-13.00	37.19	Pass	Horizontal
8	3805.0000	150	225	-50.99	-13.00	37.99	Pass	Horizontal
9	5707.5000	150	153	-52.35	-13.00	39.35	Pass	Horizontal
10	7610.0000	150	85	-49.23	-13.00	36.23	Pass	Horizontal
11	11731.9366	150	106	-40.34	-13.00	27.34	Pass	Horizontal
12	15059.8530	150	85	-39.59	-13.00	26.59	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		19125		
Remark:	15M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	59.6879	150	248	-67.51	-13.00	54.51	Pass	Vertical
2	167.3795	150	340	-70.98	-13.00	57.98	Pass	Vertical
3	208.9038	150	266	-68.14	-13.00	55.14	Pass	Vertical
4	399.8380	150	58	-75.84	-13.00	62.84	Pass	Vertical
5	598.1456	150	58	-74.03	-13.00	61.03	Pass	Vertical
6	687.5975	150	295	-68.43	-13.00	55.43	Pass	Vertical
7	1396.4396	150	102	-48.08	-13.00	35.08	Pass	Vertical
8	3805.0000	150	291	-52.91	-13.00	39.91	Pass	Vertical
9	5707.5000	150	222	-51.32	-13.00	38.32	Pass	Vertical
10	7610.0000	150	244	-49.37	-13.00	36.37	Pass	Vertical
11	11881.1941	150	196	-40.67	-13.00	27.67	Pass	Vertical
12	14449.3225	150	196	-39.59	-13.00	26.59	Pass	Vertical

Mode:	LTE Traffic							
Band:	2			Channel:		19100		
Remark:	20M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	52.5085	150	284	-78.16	-13.00	65.16	Pass	Horizontal
2	155.5431	150	58	-63.65	-13.00	50.65	Pass	Horizontal
3	208.9038	150	196	-76.04	-13.00	63.04	Pass	Horizontal
4	371.5083	150	360	-76.34	-13.00	63.34	Pass	Horizontal
5	480.7522	150	131	-75.00	-13.00	62.00	Pass	Horizontal
6	687.5975	150	228	-70.43	-13.00	57.43	Pass	Horizontal
7	1398.8399	150	2	-50.88	-13.00	37.88	Pass	Horizontal
8	3800.0000	150	293	-52.72	-13.00	39.72	Pass	Horizontal
9	5700.0000	150	59	-52.64	-13.00	39.64	Pass	Horizontal
10	7600.0000	150	0	-49.18	-13.00	36.18	Pass	Horizontal
11	10419.3710	150	0	-42.13	-13.00	29.13	Pass	Horizontal
12	14442.5721	150	318	-39.23	-13.00	26.23	Pass	Horizontal

Mode:	LTE Traffic							
Band:	2			Channel:		19100		
Remark:	20M							
NO.	Freq. [MHz]	Height [cm]	Azimuth [deg]	Level [dBm]	Limit [dBm]	Margin [dB]	Result	Polarity
1	60.0760	150	170	-66.38	-13.00	53.38	Pass	Vertical
2	155.1550	150	213	-71.82	-13.00	58.82	Pass	Vertical
3	208.9038	150	100	-68.29	-13.00	55.29	Pass	Vertical
4	398.2857	150	156	-75.28	-13.00	62.28	Pass	Vertical
5	599.5039	150	42	-72.52	-13.00	59.52	Pass	Vertical
6	687.5975	150	256	-67.60	-13.00	54.60	Pass	Vertical
7	1397.4397	150	100	-47.53	-13.00	34.53	Pass	Vertical
8	3800.0000	150	126	-52.39	-13.00	39.39	Pass	Vertical
9	5700.0000	150	4	-52.42	-13.00	39.42	Pass	Vertical
10	7600.0000	150	175	-49.32	-13.00	36.32	Pass	Vertical
11	10294.1147	150	268	-42.07	-13.00	29.07	Pass	Vertical
12	15062.1031	150	126	-39.65	-13.00	26.65	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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