

Appendix I) LTE Band 2 Test data

Appendix A): Conducted Output Power and Effective (Isotropic) Radiated Power

Description of the Conducted Output Power Measurement and ERP/EIRP Measurement:	A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported. According to KDB 412172 D01 Power Approach $EIRP = P_T + G_T - L_C$, $ERP = EIRP - 2.15$, where P_T = transmitter output power in dBm G_T = gain of the transmitting antenna in dBi L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB					
Measurement Procedure:	1. The transmitter output port was connected to the system simulator. 2. Set EUT at maximum power through the system simulator. 3. Select lowest, middle, and highest channels for each band and different modulation. 4. Measure and record the power level from the system simulator.					
Limit:	<table><tr><td>Mode</td><td>LTE band 2</td></tr><tr><td>Limit</td><td>33.01dBm</td></tr></table>		Mode	LTE band 2	Limit	33.01dBm
Mode	LTE band 2					
Limit	33.01dBm					

Test Result

 $G_T - L_C = 1.46\text{dB}$

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.68	24.14	PASS
		1	3	22.65	24.11	PASS
		1	5	22.64	24.1	PASS
		3	0	22.53	23.99	PASS
		3	2	22.57	24.03	PASS
		3	3	22.54	24	PASS
		6	0	21.38	22.84	PASS
	MCH	1	0	23.17	24.63	PASS
		1	3	23.14	24.6	PASS
		1	5	23.26	24.72	PASS
		3	0	22.64	24.1	PASS
		3	2	22.68	24.14	PASS
		3	3	22.74	24.2	PASS
		6	0	21.72	23.18	PASS
	HCH	1	0	23.67	25.13	PASS
		1	3	23.62	25.08	PASS
		1	5	23.63	25.09	PASS
		3	0	23.68	25.14	PASS
		3	2	23.65	25.11	PASS
		3	3	23.70	25.16	PASS
		6	0	22.57	24.03	PASS
16QAM	LCH	1	0	23.10	24.56	PASS
		1	3	23.13	24.59	PASS
		1	5	23.08	24.54	PASS
		3	0	22.53	23.99	PASS
		3	2	22.52	23.98	PASS
		3	3	22.52	23.98	PASS
		6	0	20.90	22.36	PASS
	MCH	1	0	22.86	24.32	PASS
		1	3	22.88	24.34	PASS
		1	5	22.82	24.28	PASS
		3	0	22.70	24.16	PASS
		3	2	22.69	24.15	PASS
		3	3	22.70	24.16	PASS
		6	0	21.40	22.86	PASS
	HCH	1	0	22.87	24.33	PASS
		1	3	22.79	24.25	PASS
		1	5	22.85	24.31	PASS

		3	0	23.67	25.13	PASS
		3	2	23.70	25.16	PASS
		3	3	23.69	25.15	PASS
		6	0	21.77	23.23	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.52	23.98	PASS
		1	7	22.57	24.03	PASS
		1	14	22.48	23.94	PASS
		8	0	21.41	22.87	PASS
		8	4	21.37	22.83	PASS
		8	7	21.50	22.96	PASS
		15	0	21.50	22.96	PASS
	MCH	1	0	23.02	24.48	PASS
		1	7	23.20	24.66	PASS
		1	14	23.19	24.65	PASS
		8	0	21.54	23	PASS
		8	4	21.62	23.08	PASS
		8	7	21.57	23.03	PASS
		15	0	21.53	22.99	PASS
	HCH	1	0	23.27	24.73	PASS
		1	7	23.50	24.96	PASS
		1	14	23.51	24.97	PASS
		8	0	22.63	24.09	PASS
		8	4	22.62	24.08	PASS
		8	7	22.63	24.09	PASS
		15	0	22.63	24.09	PASS
16QAM	LCH	1	0	22.08	23.54	PASS
		1	7	22.00	23.46	PASS
		1	14	22.12	23.58	PASS
		8	0	21.51	22.97	PASS
		8	4	21.50	22.96	PASS
		8	7	21.43	22.89	PASS
		15	0	20.86	22.32	PASS
	MCH	1	0	22.29	23.75	PASS
		1	7	22.53	23.99	PASS
		1	14	22.42	23.88	PASS
		8	0	21.57	23.03	PASS
		8	4	21.60	23.06	PASS
		8	7	21.58	23.04	PASS

	HCH	15	0	21.03	22.49	PASS
		1	0	23.04	24.5	PASS
		1	7	22.59	24.05	PASS
		1	14	22.53	23.99	PASS
		8	0	22.60	24.06	PASS
		8	4	22.60	24.06	PASS
		8	7	22.64	24.1	PASS
		15	0	21.73	23.19	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.70	24.16	PASS
		1	12	22.72	24.18	PASS
		1	24	22.80	24.26	PASS
		12	0	21.50	22.96	PASS
		12	6	21.50	22.96	PASS
		12	13	21.48	22.94	PASS
		25	0	21.45	22.91	PASS
	MCH	1	0	22.95	24.41	PASS
		1	12	22.97	24.43	PASS
		1	24	22.91	24.37	PASS
		12	0	21.56	23.02	PASS
		12	6	21.61	23.07	PASS
		12	13	21.61	23.07	PASS
		25	0	21.52	22.98	PASS
	HCH	1	0	23.61	25.07	PASS
		1	12	23.84	25.3	PASS
		1	24	23.48	24.94	PASS
		12	0	22.17	23.63	PASS
		12	6	22.16	23.62	PASS
		12	13	22.59	24.05	PASS
		25	0	22.09	23.55	PASS
16QAM	LCH	1	0	21.55	23.01	PASS
		1	12	21.58	23.04	PASS
		1	24	21.60	23.06	PASS
		12	0	21.48	22.94	PASS
		12	6	21.51	22.97	PASS
		12	13	21.48	22.94	PASS
		25	0	20.91	22.37	PASS
	MCH	1	0	22.08	23.54	PASS
		1	12	22.23	23.69	PASS

		1	24	21.81	23.27	PASS
		12	0	21.60	23.06	PASS
		12	6	21.54	23	PASS
		12	13	21.64	23.1	PASS
		25	0	21.09	22.55	PASS
	HCH	1	0	22.11	23.57	PASS
		1	12	22.72	24.18	PASS
		1	24	22.02	23.48	PASS
		12	0	22.23	23.69	PASS
		12	6	22.21	23.67	PASS
		12	13	22.66	24.12	PASS
		25	0	21.59	23.05	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.41	23.87	PASS
		1	24	22.54	24	PASS
		1	49	22.55	24.01	PASS
		25	0	21.42	22.88	PASS
		25	12	21.56	23.02	PASS
		25	25	21.57	23.03	PASS
		50	0	21.46	22.92	PASS
	MCH	1	0	22.68	24.14	PASS
		1	24	22.78	24.24	PASS
		1	49	22.87	24.33	PASS
		25	0	21.66	23.12	PASS
		25	12	21.58	23.04	PASS
		25	25	21.73	23.19	PASS
		50	0	21.61	23.07	PASS
	HCH	1	0	23.70	25.16	PASS
		1	24	23.61	25.07	PASS
		1	49	23.55	25.01	PASS
		25	0	22.12	23.58	PASS
		25	12	22.16	23.62	PASS
		25	25	22.20	23.66	PASS
		50	0	22.68	24.14	PASS
16QAM	LCH	1	0	22.06	23.52	PASS
		1	24	22.12	23.58	PASS
		1	49	22.22	23.68	PASS
		25	0	21.49	22.95	PASS
		25	12	21.47	22.93	PASS

		25	25	21.49	22.95	PASS
		50	0	20.87	22.33	PASS
	MCH	1	0	22.46	23.92	PASS
		1	24	22.45	23.91	PASS
		1	49	22.57	24.03	PASS
		25	0	21.63	23.09	PASS
		25	12	21.61	23.07	PASS
		25	25	21.70	23.16	PASS
		50	0	21.01	22.47	PASS
	HCH	1	0	22.80	24.26	PASS
		1	24	22.78	24.24	PASS
		1	49	22.70	24.16	PASS
		25	0	22.17	23.63	PASS
		25	12	22.13	23.59	PASS
		25	25	22.24	23.7	PASS
		50	0	21.90	23.36	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.55	24.01	PASS
		1	37	22.53	23.99	PASS
		1	74	22.64	24.1	PASS
		37	0	21.51	22.97	PASS
		37	18	21.53	22.99	PASS
		37	38	21.52	22.98	PASS
		75	0	21.56	23.02	PASS
	MCH	1	0	22.75	24.21	PASS
		1	37	22.74	24.2	PASS
		1	74	22.86	24.32	PASS
		37	0	21.67	23.13	PASS
		37	18	21.67	23.13	PASS
		37	38	21.66	23.12	PASS
		75	0	21.66	23.12	PASS
	HCH	1	0	23.28	24.74	PASS
		1	37	23.17	24.63	PASS
		1	74	23.48	24.94	PASS
		37	0	22.18	23.64	PASS
		37	18	22.12	23.58	PASS
		37	38	22.13	23.59	PASS
		75	0	22.18	23.64	PASS
	LCH	1	0	22.11	23.57	PASS

		1	37	22.24	23.7	PASS
		1	74	22.47	23.93	PASS
		37	0	21.49	22.95	PASS
		37	18	21.52	22.98	PASS
		37	38	21.51	22.97	PASS
		75	0	20.93	22.39	PASS
	MCH	1	0	22.50	23.96	PASS
		1	37	22.56	24.02	PASS
		1	74	22.66	24.12	PASS
		37	0	21.64	23.1	PASS
		37	18	21.66	23.12	PASS
		37	38	21.61	23.07	PASS
		75	0	21.06	22.52	PASS
	HCH	1	0	23.07	24.53	PASS
		1	37	23.07	24.53	PASS
		1	74	22.61	24.07	PASS
		37	0	22.08	23.54	PASS
		37	18	22.15	23.61	PASS
		37	38	22.16	23.62	PASS
		75	0	21.67	23.13	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.01	24.47	PASS
		1	49	23.09	24.55	PASS
		1	99	23.44	24.9	PASS
		50	0	21.53	22.99	PASS
		50	25	21.52	22.98	PASS
		50	50	21.60	23.06	PASS
		100	0	21.51	22.97	PASS
	MCH	1	0	23.40	24.86	PASS
		1	49	23.36	24.82	PASS
		1	99	23.74	25.2	PASS
		50	0	21.67	23.13	PASS
		50	25	21.65	23.11	PASS
		50	50	21.86	23.32	PASS
		100	0	21.75	23.21	PASS
	HCH	1	0	23.77	25.23	PASS
		1	49	24.61	26.07	PASS
		1	99	23.76	25.22	PASS
		50	0	22.17	23.63	PASS

16QAM		50	25	22.21	23.67	PASS
		50	50	22.62	24.08	PASS
		100	0	22.22	23.68	PASS
	LCH	1	0	22.10	23.56	PASS
		1	49	22.31	23.77	PASS
		1	99	22.80	24.26	PASS
		50	0	21.58	23.04	PASS
		50	25	21.63	23.09	PASS
		50	50	21.64	23.1	PASS
		100	0	21.03	22.49	PASS
	MCH	1	0	22.69	24.15	PASS
		1	49	22.77	24.23	PASS
		1	99	23.02	24.48	PASS
		50	0	21.60	23.06	PASS
		50	25	21.64	23.1	PASS
		50	50	21.79	23.25	PASS
		100	0	21.16	22.62	PASS
	HCH	1	0	22.39	23.85	PASS
		1	49	23.21	24.67	PASS
		1	99	22.55	24.01	PASS
		50	0	22.23	23.69	PASS
		50	25	22.25	23.71	PASS
		50	50	22.66	24.12	PASS
		100	0	21.59	23.05	PASS

Appendix B: Peak-to-Average Ratio

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.14	<13	PASS
		1	3	4.88	<13	PASS
		1	5	4.94	<13	PASS
		3	0	5.14	<13	PASS
		3	2	5.14	<13	PASS
		3	3	5.14	<13	PASS
		6	0	5.47	<13	PASS
	MCH	1	0	4.94	<13	PASS
		1	3	4.66	<13	PASS
		1	5	4.58	<13	PASS
		3	0	5.1	<13	PASS
		3	2	5.13	<13	PASS
		3	3	5.11	<13	PASS
		6	0	5.36	<13	PASS
	HCH	1	0	3.62	<13	PASS
		1	3	3.48	<13	PASS
		1	5	3.48	<13	PASS
		3	0	3.65	<13	PASS
		3	2	3.67	<13	PASS
		3	3	3.58	<13	PASS
		6	0	4.5	<13	PASS
16QAM	LCH	1	0	5.15	<13	PASS
		1	3	5.02	<13	PASS
		1	5	5.2	<13	PASS
		3	0	5	<13	PASS
		3	2	5.1	<13	PASS
		3	3	5.08	<13	PASS
		6	0	5.96	<13	PASS
	MCH	1	0	4.99	<13	PASS
		1	3	4.87	<13	PASS
		1	5	4.81	<13	PASS
		3	0	5.09	<13	PASS
		3	2	5.1	<13	PASS
		3	3	5.06	<13	PASS
		6	0	5.9	<13	PASS
	HCH	1	0	4.47	<13	PASS
		1	3	4.38	<13	PASS
		1	5	4.34	<13	PASS
		3	0	3.67	<13	PASS
		3	2	3.68	<13	PASS
		3	3	3.58	<13	PASS
		6	0	5.26	<13	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.9	<13	PASS
		1	7	5.07	<13	PASS
		1	14	4.94	<13	PASS
		8	0	5.51	<13	PASS
		8	4	5.64	<13	PASS
		8	7	5.54	<13	PASS
		15	0	5.47	<13	PASS
	MCH	1	0	4.83	<13	PASS
		1	7	4.75	<13	PASS
		1	14	4.74	<13	PASS
		8	0	5.47	<13	PASS
		8	4	5.41	<13	PASS
		8	7	5.35	<13	PASS
		15	0	5.46	<13	PASS
	HCH	1	0	4.19	<13	PASS
		1	7	3.76	<13	PASS
		1	14	3.63	<13	PASS
		8	0	4.74	<13	PASS
		8	4	4.73	<13	PASS
		8	7	4.75	<13	PASS
		15	0	4.74	<13	PASS
16QAM	LCH	1	0	5.77	<13	PASS
		1	7	5.68	<13	PASS
		1	14	5.74	<13	PASS
		8	0	5.5	<13	PASS
		8	4	5.49	<13	PASS
		8	7	5.48	<13	PASS
		15	0	6.19	<13	PASS
	MCH	1	0	5.65	<13	PASS
		1	7	5.47	<13	PASS
		1	14	5.45	<13	PASS
		8	0	5.43	<13	PASS
		8	4	5.45	<13	PASS
		8	7	5.37	<13	PASS
		15	0	6.04	<13	PASS
	HCH	1	0	4.69	<13	PASS
		1	7	4.8	<13	PASS
		1	14	4.57	<13	PASS
		8	0	4.68	<13	PASS
		8	4	4.71	<13	PASS
		8	7	4.69	<13	PASS
		15	0	5.37	<13	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.24	<13	PASS
		1	12	5.02	<13	PASS
		1	24	5.01	<13	PASS
		12	0	5.51	<13	PASS
		12	6	5.54	<13	PASS
		12	13	5.35	<13	PASS
		25	0	5.58	<13	PASS
	MCH	1	0	5.24	<13	PASS
		1	12	5.04	<13	PASS
		1	24	4.91	<13	PASS
		12	0	5.5	<13	PASS
		12	6	5.44	<13	PASS
		12	13	5.34	<13	PASS
		25	0	5.61	<13	PASS
	HCH	1	0	4.64	<13	PASS
		1	12	4.16	<13	PASS
		1	24	3.68	<13	PASS
		12	0	5.11	<13	PASS
		12	6	5.04	<13	PASS
		12	13	4.56	<13	PASS
		25	0	5.15	<13	PASS
16QAM	LCH	1	0	5.92	<13	PASS
		1	12	5.75	<13	PASS
		1	24	5.75	<13	PASS
		12	0	5.42	<13	PASS
		12	6	5.53	<13	PASS
		12	13	5.43	<13	PASS
		25	0	6.16	<13	PASS
	MCH	1	0	5.76	<13	PASS
		1	12	5.59	<13	PASS
		1	24	5.65	<13	PASS
		12	0	5.51	<13	PASS
		12	6	5.49	<13	PASS
		12	13	5.32	<13	PASS
		25	0	6.13	<13	PASS
	HCH	1	0	5.25	<13	PASS
		1	12	4.89	<13	PASS
		1	24	4.88	<13	PASS
		12	0	5.04	<13	PASS
		12	6	5.01	<13	PASS
		12	13	4.63	<13	PASS
		25	0	5.69	<13	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.14	<13	PASS
		1	24	4.77	<13	PASS
		1	49	5.06	<13	PASS
		25	0	5.24	<13	PASS
		25	12	5.3	<13	PASS
		25	25	5.05	<13	PASS
		50	0	5.25	<13	PASS
	MCH	1	0	5.16	<13	PASS
		1	24	5.05	<13	PASS
		1	49	5	<13	PASS
		25	0	5.35	<13	PASS
		25	12	5.26	<13	PASS
		25	25	4.84	<13	PASS
		50	0	5.2	<13	PASS
	HCH	1	0	5.2	<13	PASS
		1	24	4.68	<13	PASS
		1	49	4.17	<13	PASS
		25	0	5.16	<13	PASS
		25	12	5.14	<13	PASS
		25	25	4.55	<13	PASS
		50	0	5.14	<13	PASS
16QAM	LCH	1	0	5.83	<13	PASS
		1	24	5.52	<13	PASS
		1	49	5.68	<13	PASS
		25	0	5.26	<13	PASS
		25	12	5.19	<13	PASS
		25	25	4.98	<13	PASS
		50	0	6.18	<13	PASS
	MCH	1	0	5.95	<13	PASS
		1	24	5.72	<13	PASS
		1	49	5.34	<13	PASS
		25	0	5.23	<13	PASS
		25	12	5.26	<13	PASS
		25	25	4.91	<13	PASS
		50	0	6.18	<13	PASS
	HCH	1	0	5.68	<13	PASS
		1	24	5.07	<13	PASS
		1	49	4.66	<13	PASS
		25	0	5.09	<13	PASS
		25	12	5.07	<13	PASS
		25	25	4.56	<13	PASS
		50	0	6.08	<13	PASS

Channel Bandwidth: 15 MHz

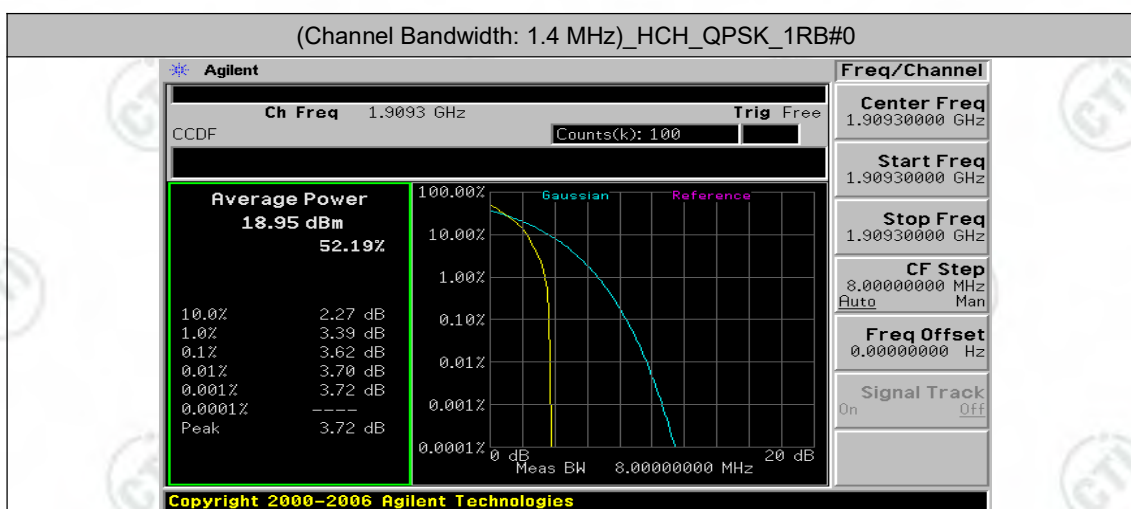
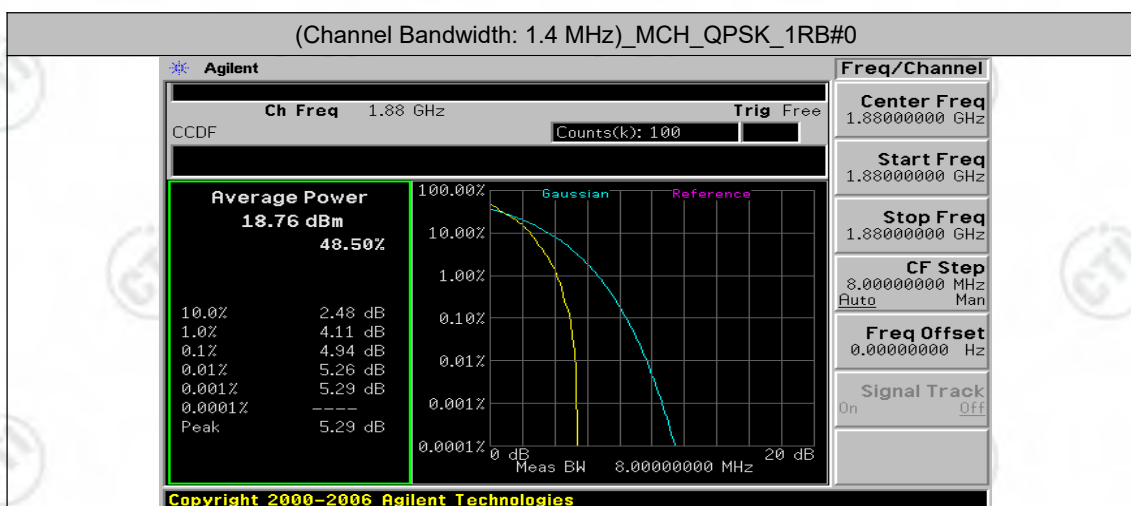
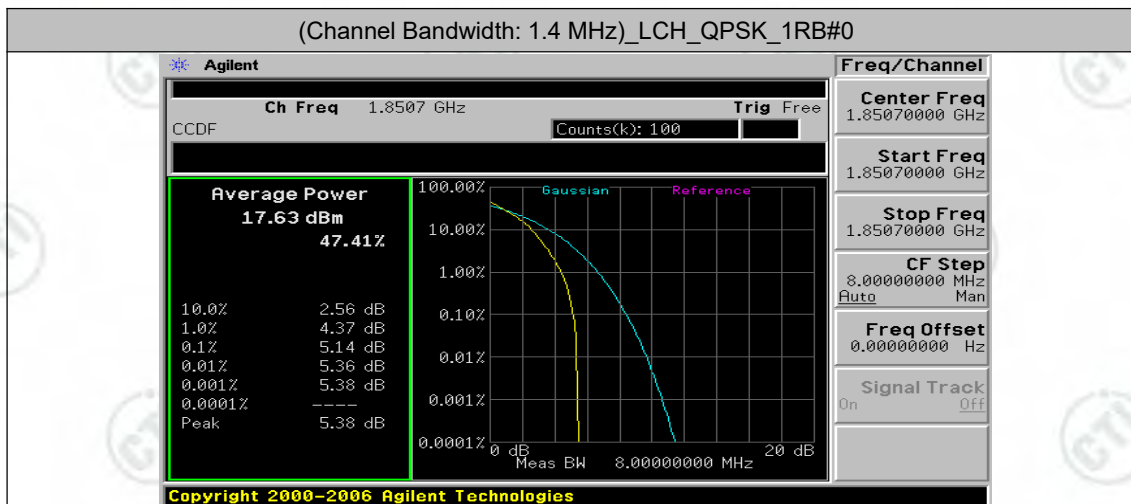
Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	8.43	<13	PASS
		1	37	8.52	<13	PASS
		1	74	5.77	<13	PASS
		37	0	5.48	<13	PASS
		37	18	5.4	<13	PASS
		37	38	5.46	<13	PASS
		75	0	5.43	<13	PASS
	MCH	1	0	6	<13	PASS
		1	37	8.35	<13	PASS
		1	74	5.88	<13	PASS
		37	0	5.51	<13	PASS
		37	18	5.51	<13	PASS
		37	38	5.5	<13	PASS
		75	0	5.52	<13	PASS
	HCH	1	0	8.43	<13	PASS
		1	37	8.42	<13	PASS
		1	74	7.69	<13	PASS
		37	0	5.54	<13	PASS
		37	18	5.49	<13	PASS
		37	38	5.51	<13	PASS
		75	0	5.49	<13	PASS
16QAM	LCH	1	0	5.79	<13	PASS
		1	37	6.46	<13	PASS
		1	74	6.76	<13	PASS
		37	0	5.44	<13	PASS
		37	18	5.46	<13	PASS
		37	38	5.47	<13	PASS
		75	0	6.59	<13	PASS
	MCH	1	0	6.99	<13	PASS
		1	37	7.99	<13	PASS
		1	74	7.04	<13	PASS
		37	0	5.5	<13	PASS
		37	18	5.47	<13	PASS
		37	38	5.54	<13	PASS
		75	0	6.54	<13	PASS
	HCH	1	0	6.84	<13	PASS
		1	37	5.5	<13	PASS
		1	74	7.18	<13	PASS
		37	0	5.44	<13	PASS
		37	18	5.51	<13	PASS
		37	38	5.47	<13	PASS
		75	0	6.61	<13	PASS

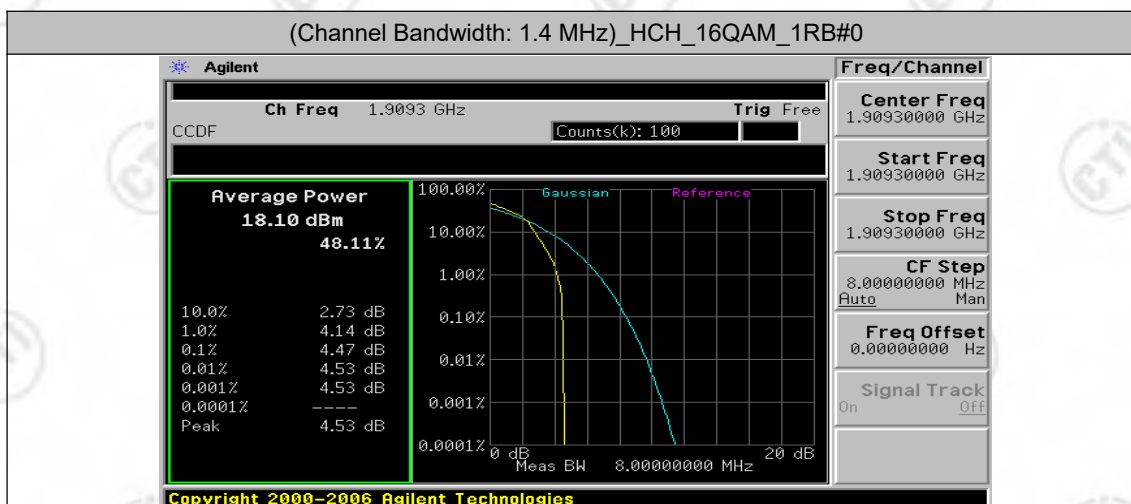
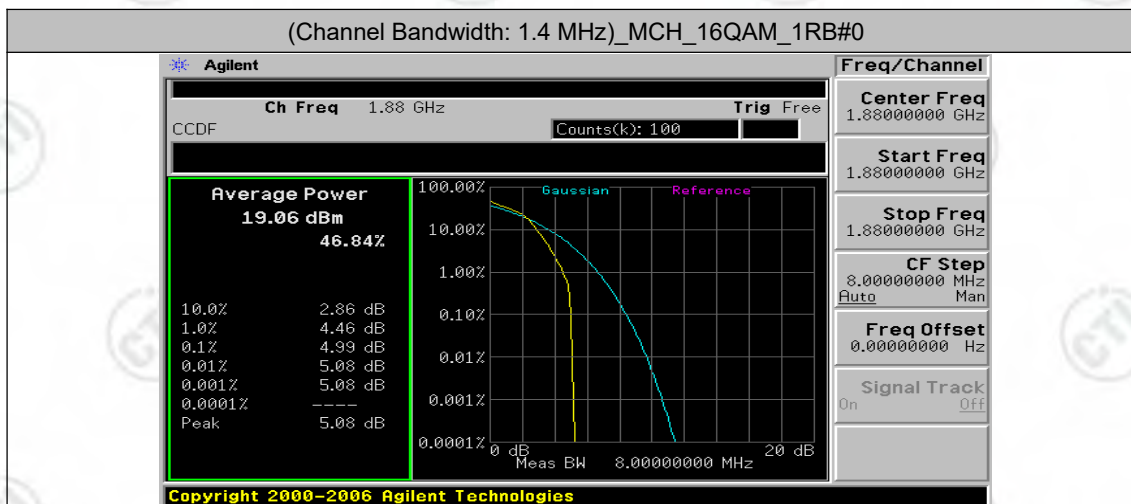
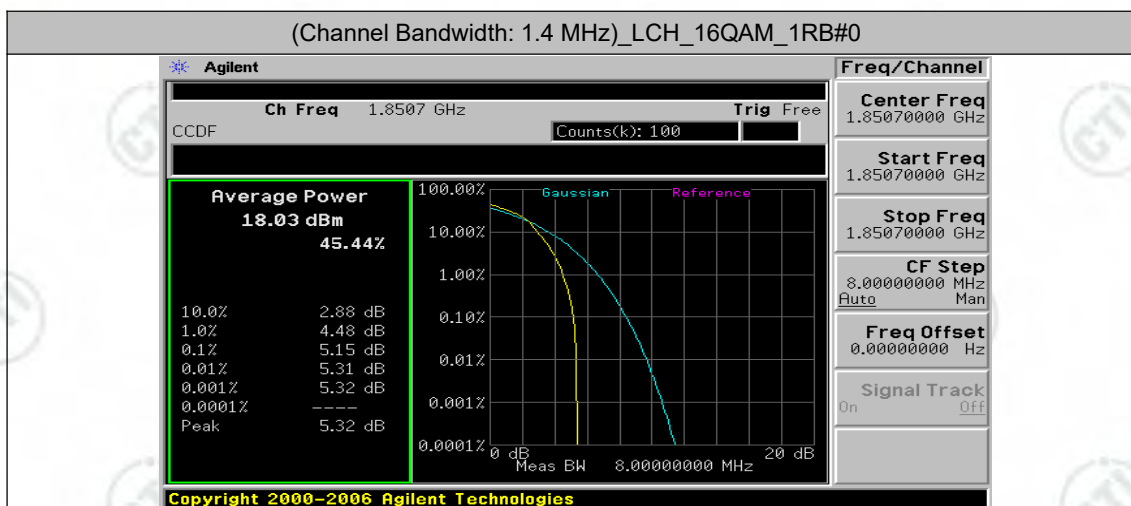
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	8.45	<13	PASS
		1	49	4.66	<13	PASS
		1	99	8.48	<13	PASS
		50	0	5.92	<13	PASS
		50	25	5.92	<13	PASS
		50	50	6.17	<13	PASS
		100	0	6.06	<13	PASS
		100	0	6.06	<13	PASS
	MCH	1	0	8.51	<13	PASS
		1	49	4.61	<13	PASS
		1	99	8.42	<13	PASS
		50	0	5.89	<13	PASS
		50	25	5.93	<13	PASS
		50	50	6.15	<13	PASS
		100	0	6.18	<13	PASS
	HCH	1	0	8.65	<13	PASS
		1	49	4.67	<13	PASS
		1	99	8.73	<13	PASS
		50	0	5.88	<13	PASS
		50	25	5.86	<13	PASS
		50	50	6.22	<13	PASS
		100	0	6.11	<13	PASS
16QAM	LCH	1	0	8.5	<13	PASS
		1	49	5.11	<13	PASS
		1	99	8.36	<13	PASS
		50	0	5.93	<13	PASS
		50	25	5.97	<13	PASS
		50	50	6.15	<13	PASS
		100	0	6.99	<13	PASS
	MCH	1	0	8.46	<13	PASS
		1	49	5.21	<13	PASS
		1	99	8.33	<13	PASS
		50	0	5.89	<13	PASS
		50	25	5.89	<13	PASS
		50	50	6.09	<13	PASS
		100	0	7.04	<13	PASS
	HCH	1	0	8.63	<13	PASS
		1	49	5.2	<13	PASS
		1	99	8.46	<13	PASS
		50	0	5.84	<13	PASS
		50	25	5.81	<13	PASS
		50	50	6.2	<13	PASS
		100	0	7	<13	PASS

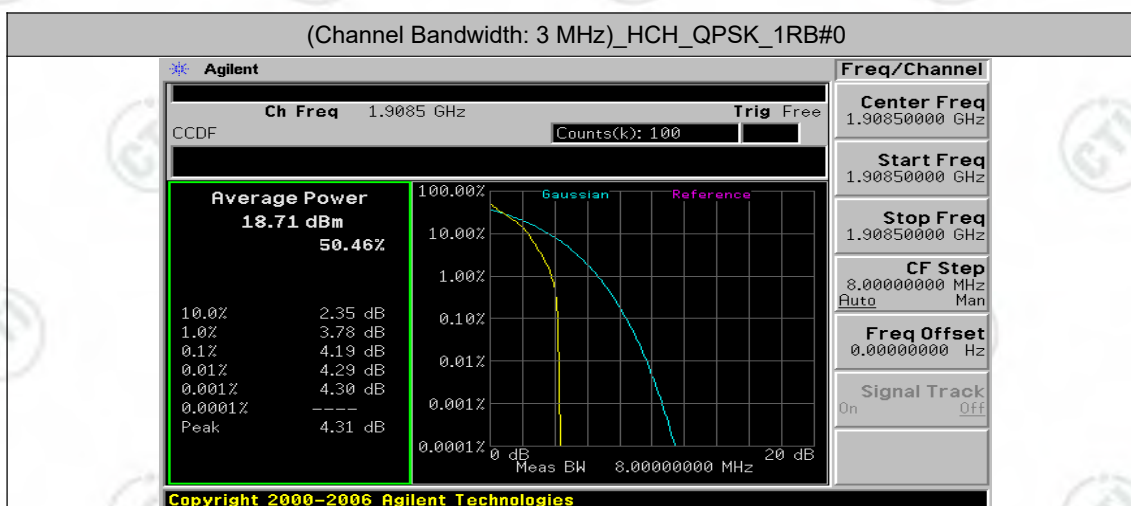
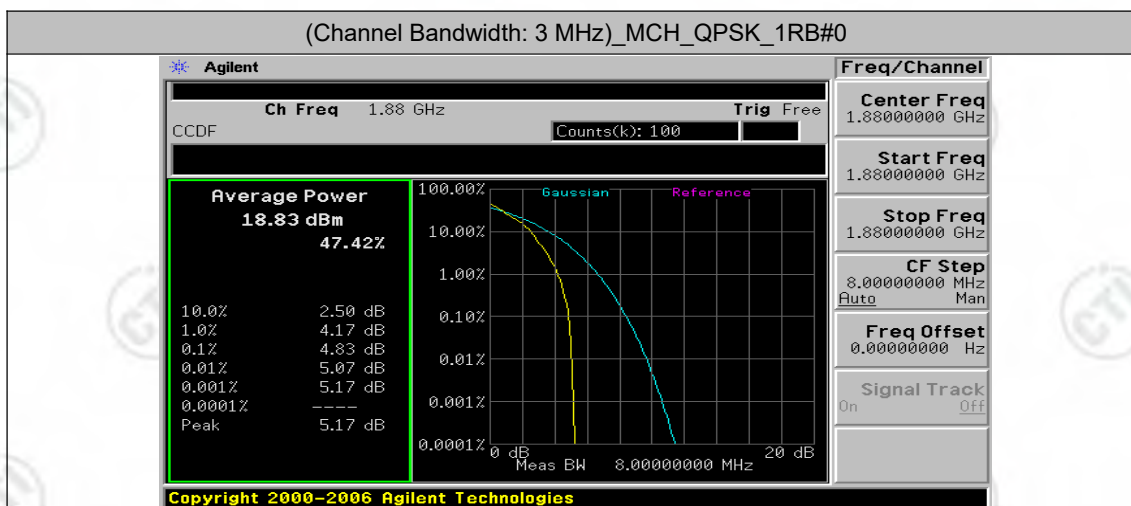
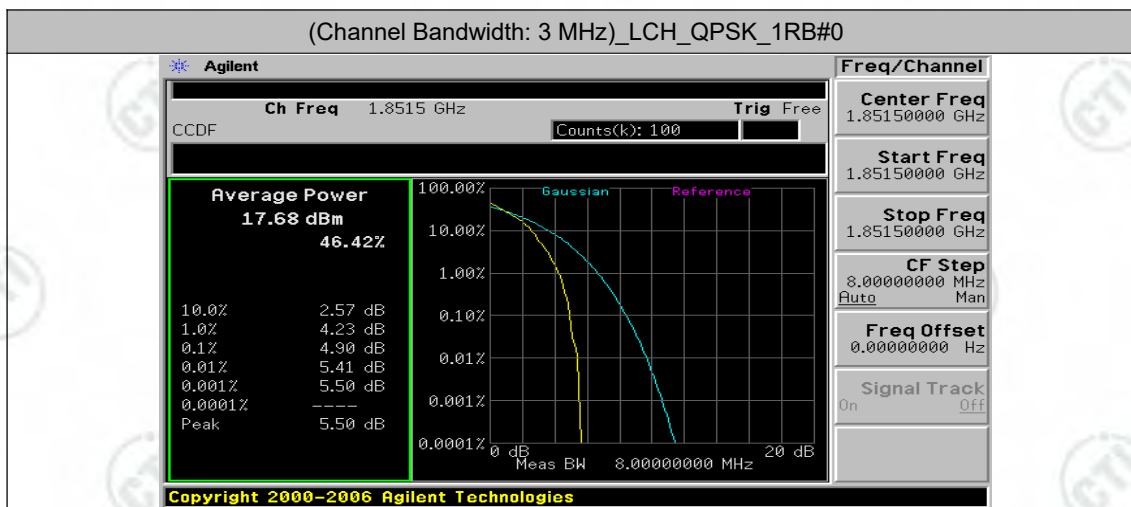
Test Graphs

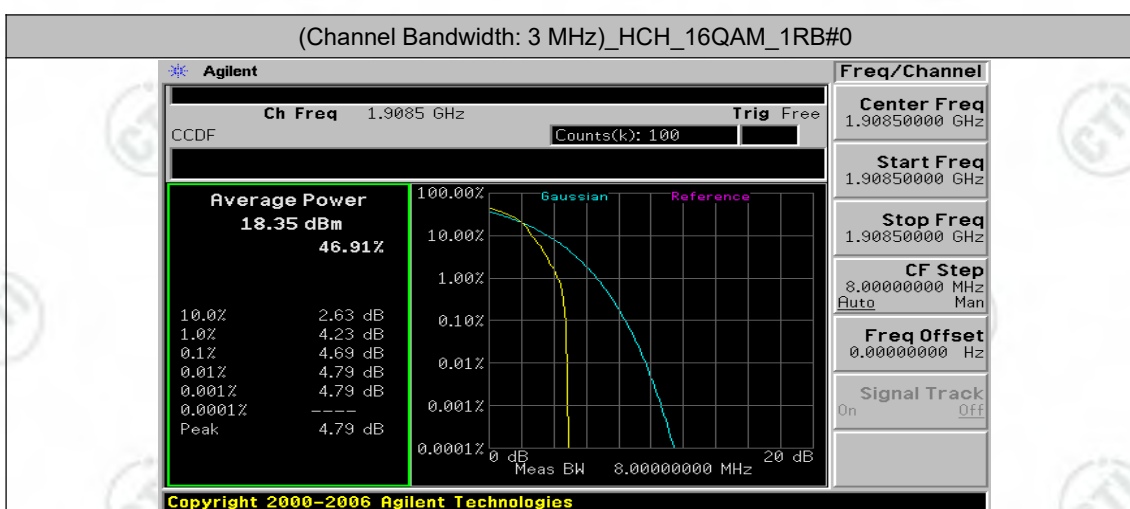
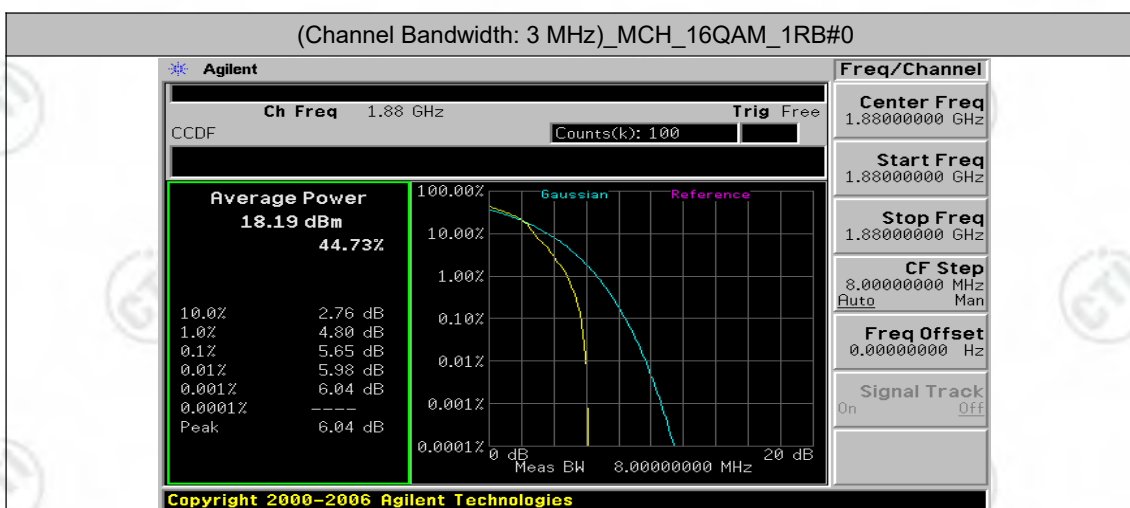
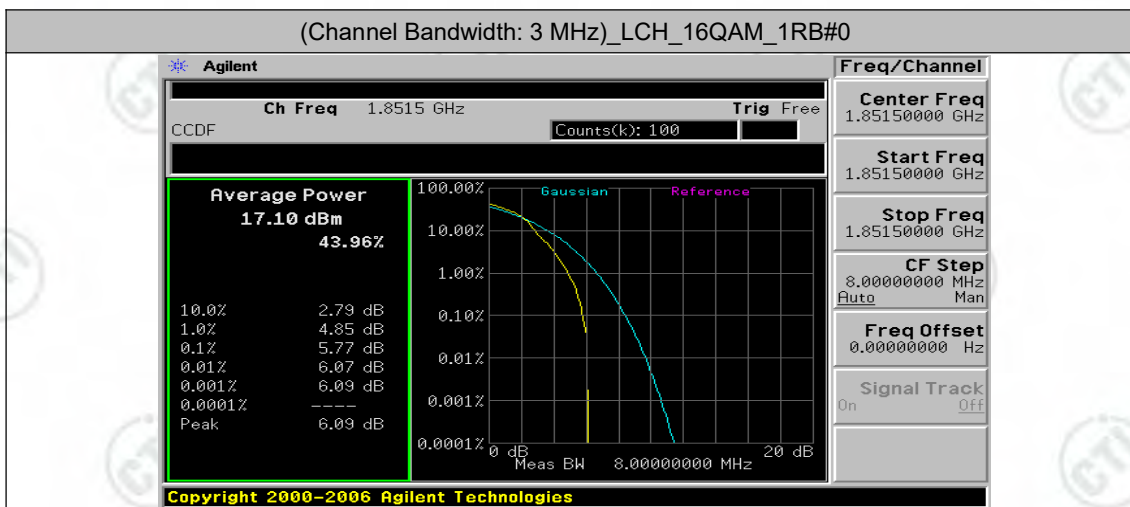
Channel Bandwidth: 1.4 MHz



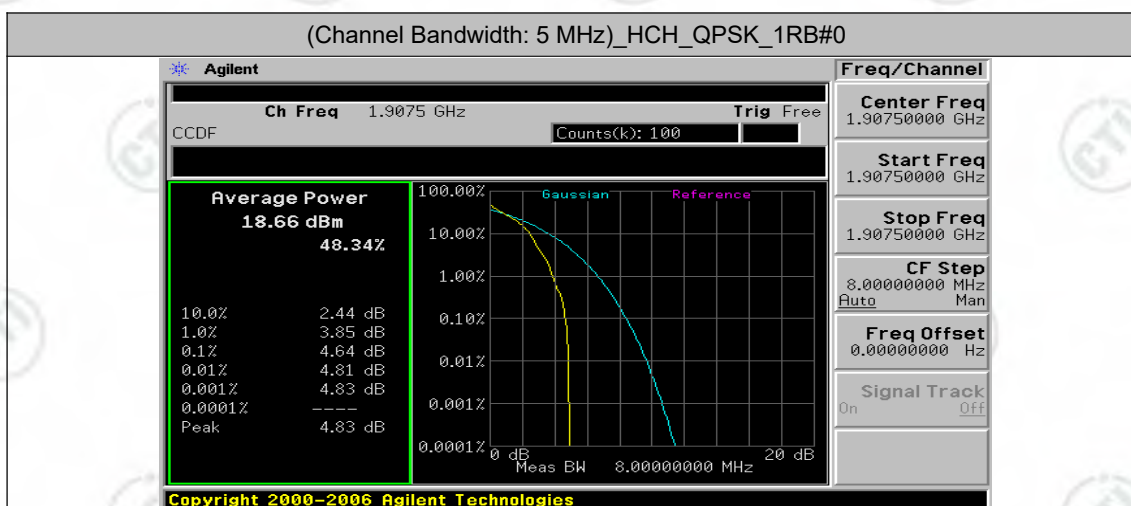
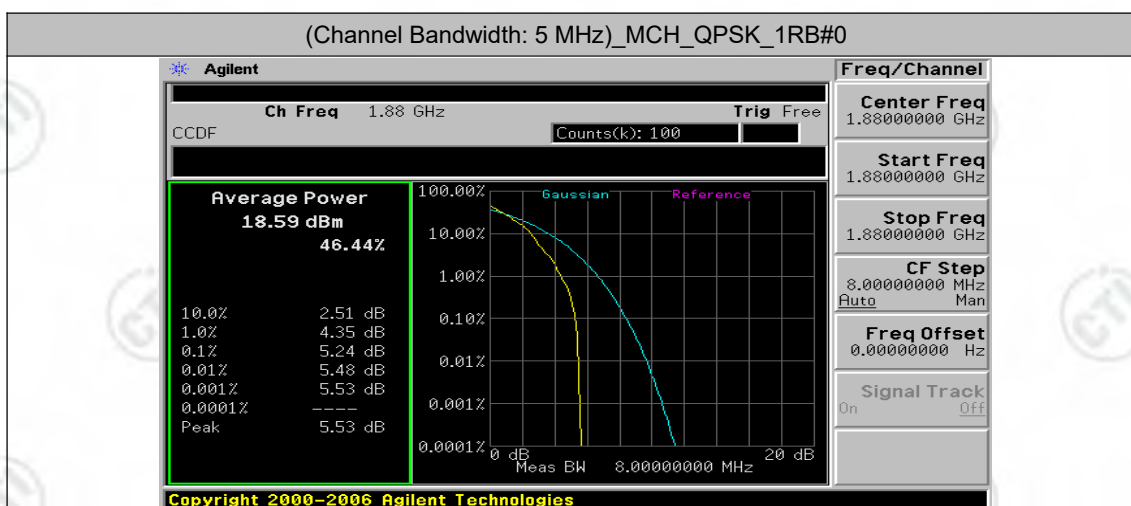
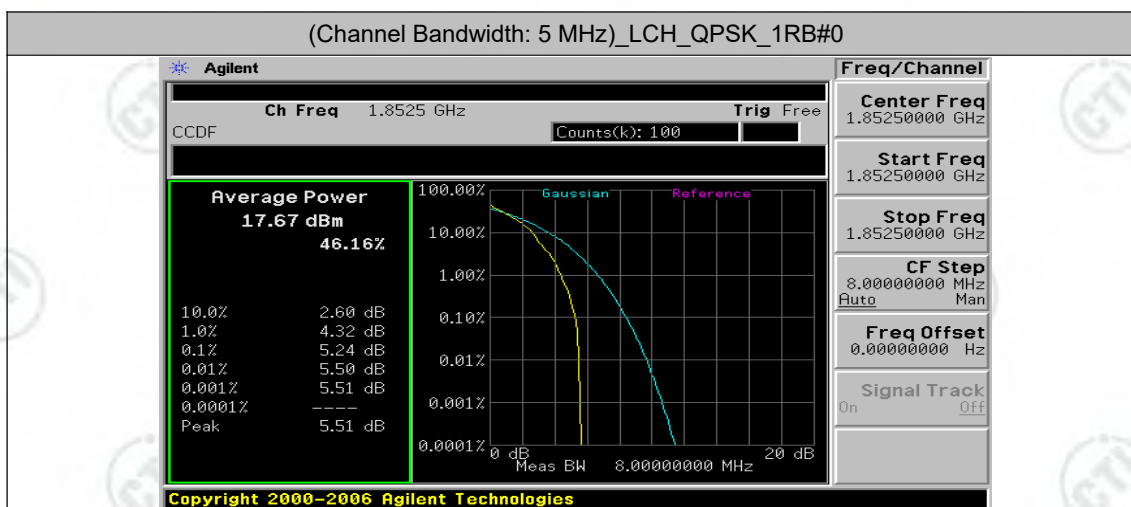


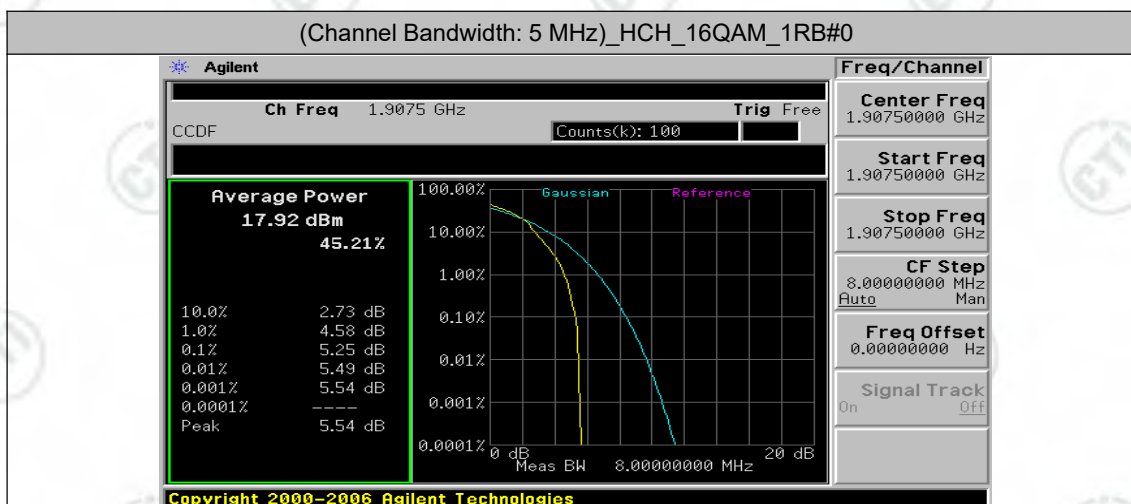
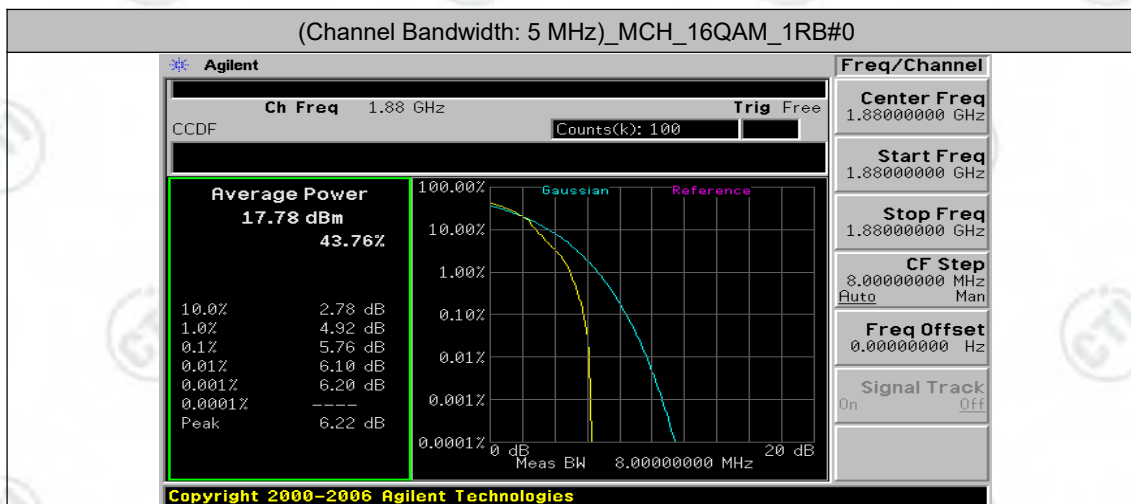
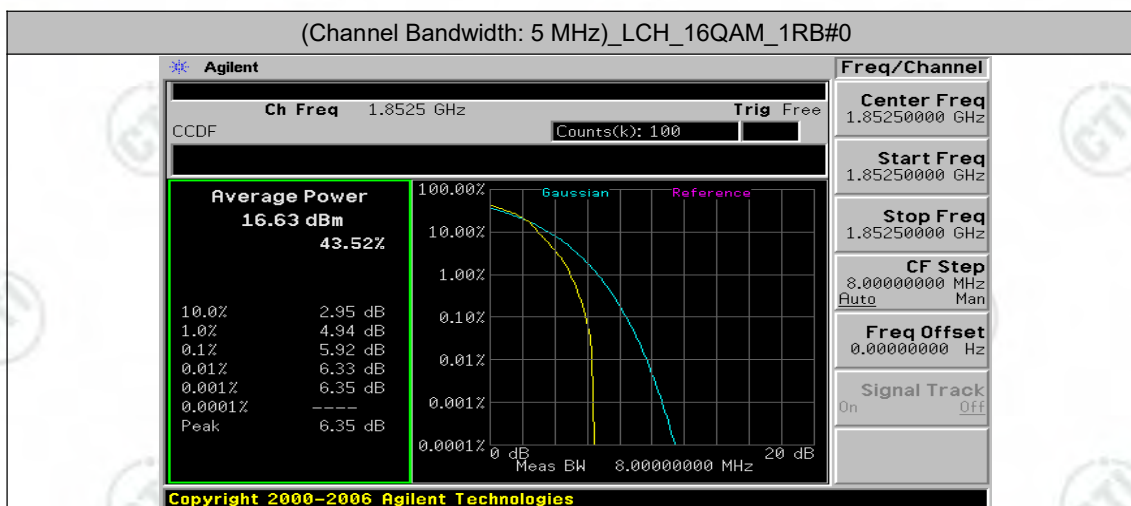
Channel Bandwidth: 3 MHz



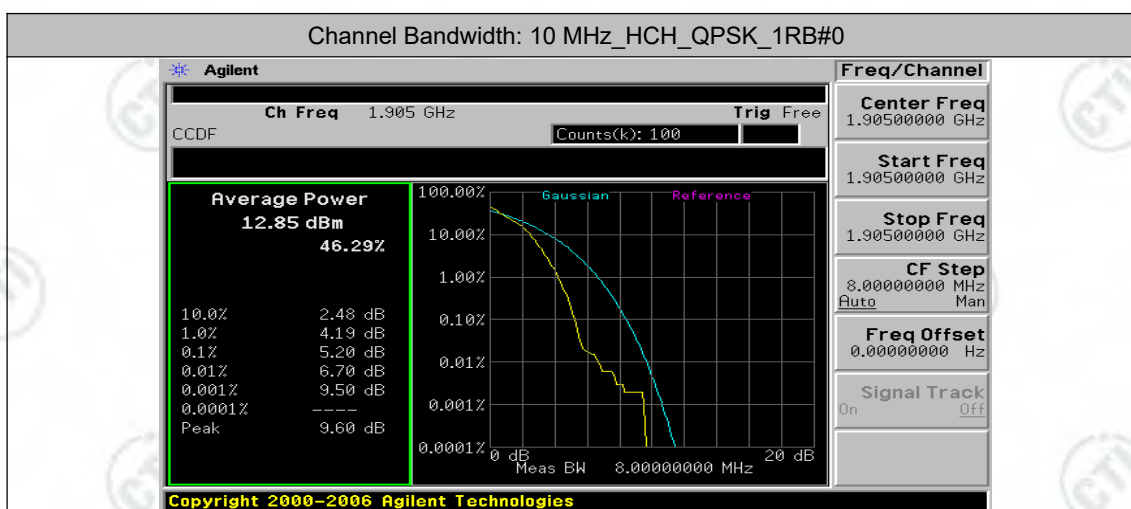
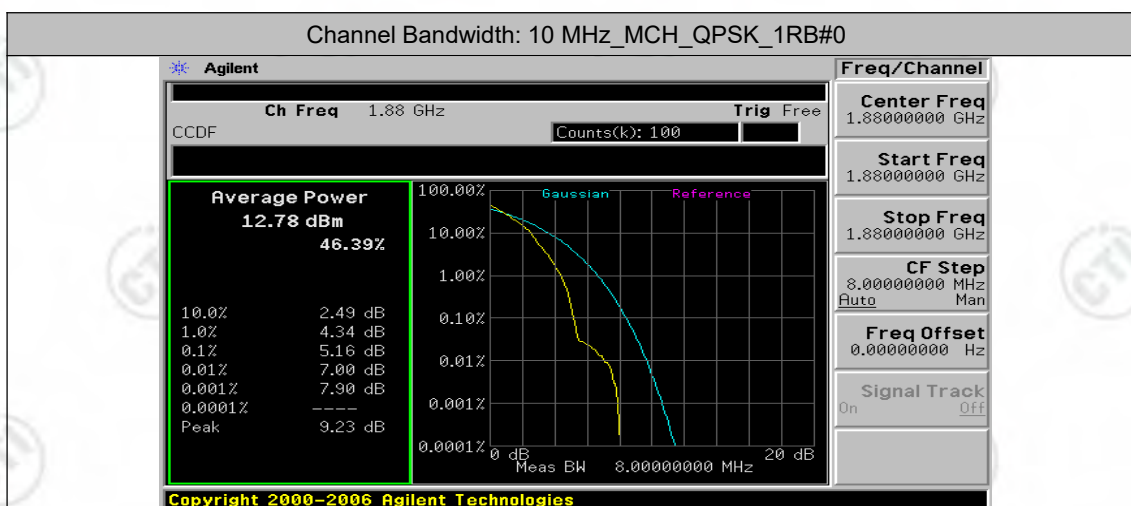
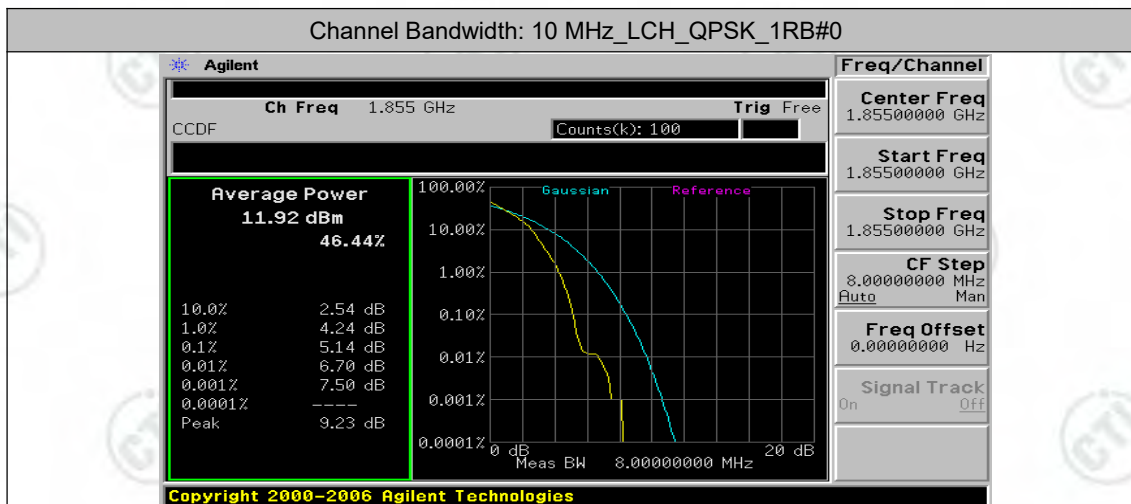


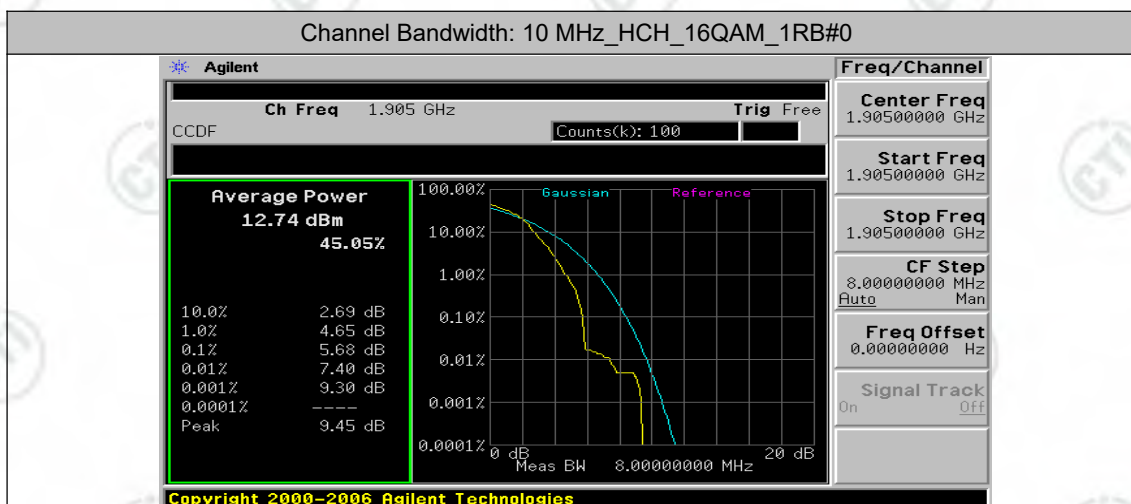
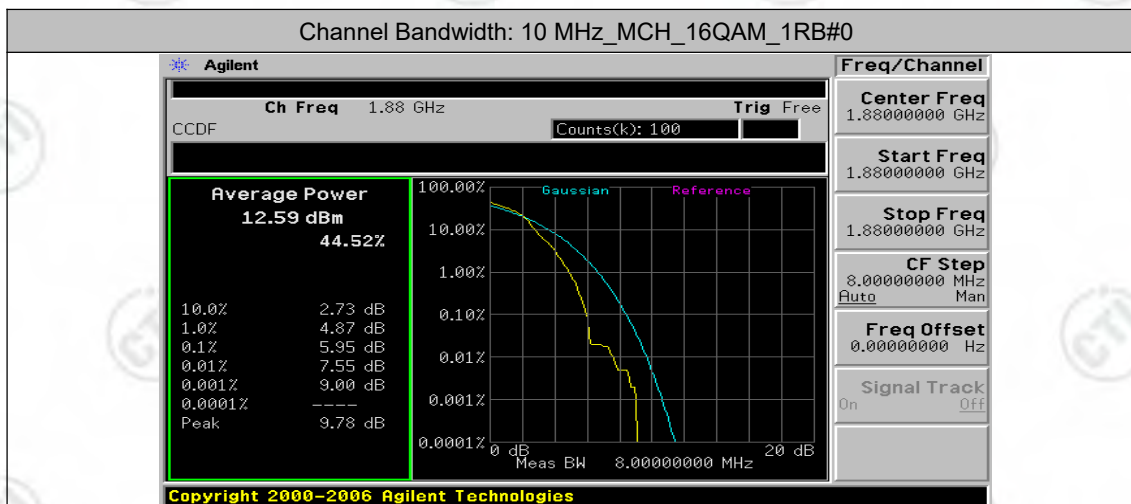
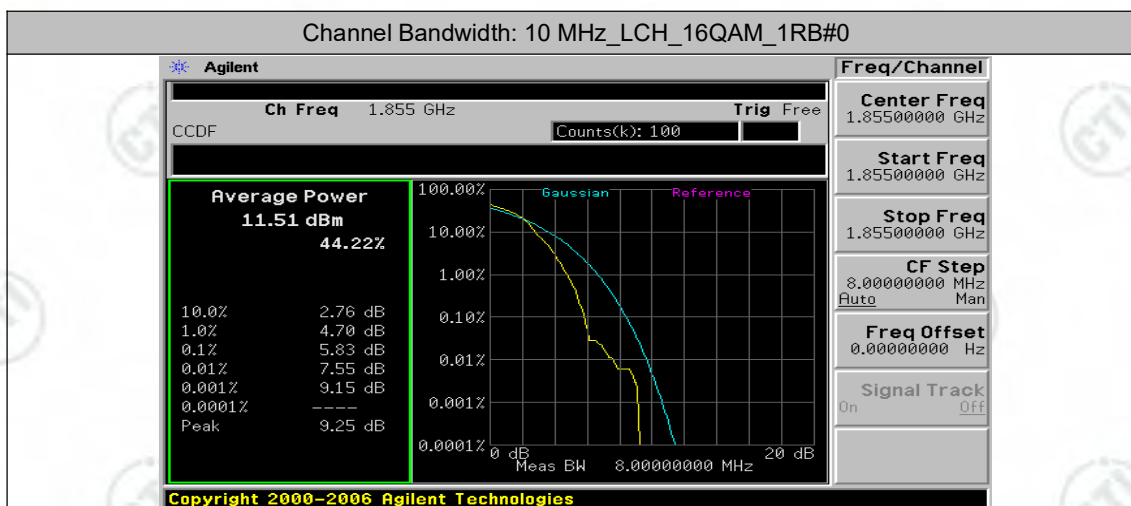
Channel Bandwidth: 5 MHz



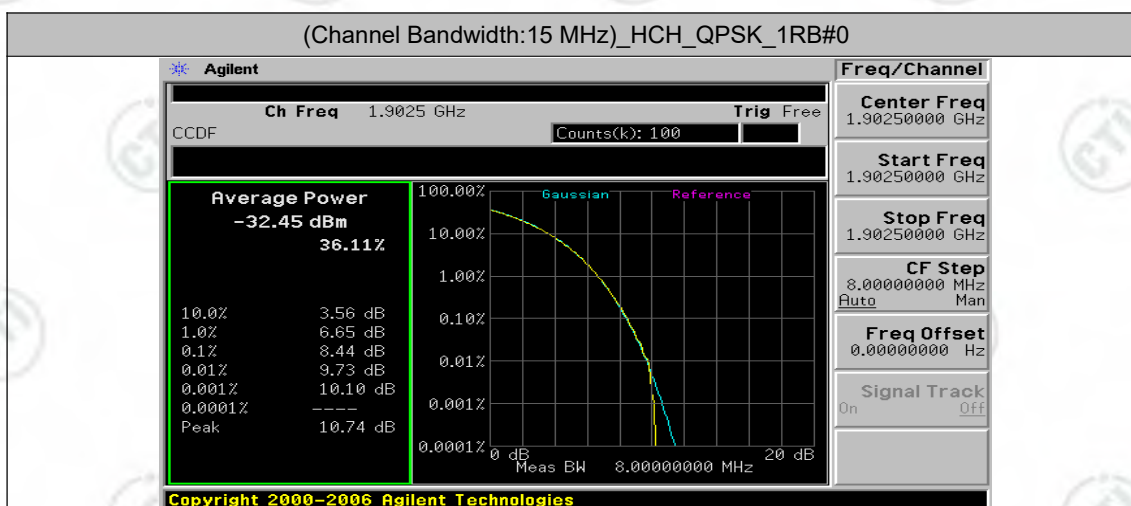
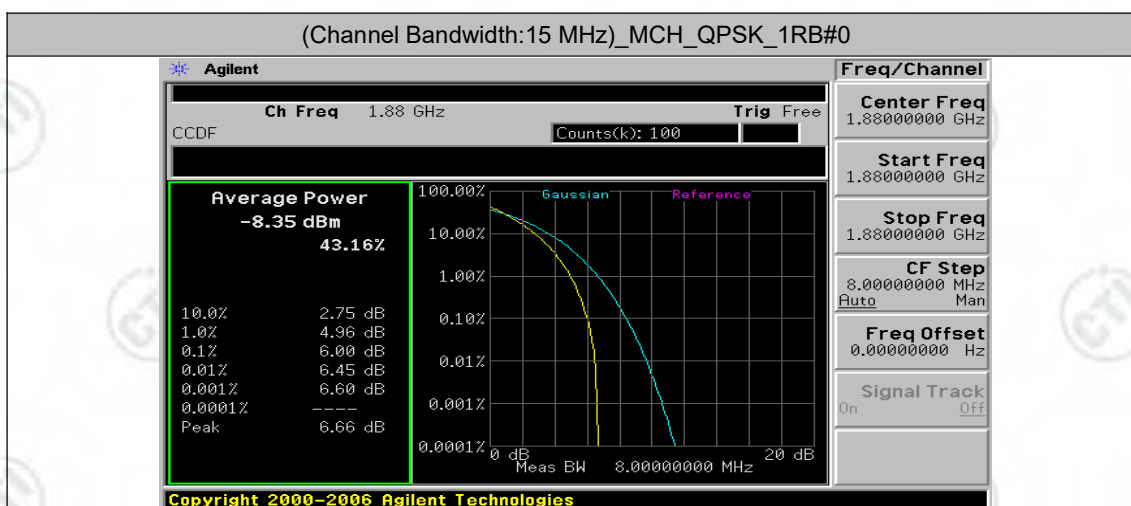
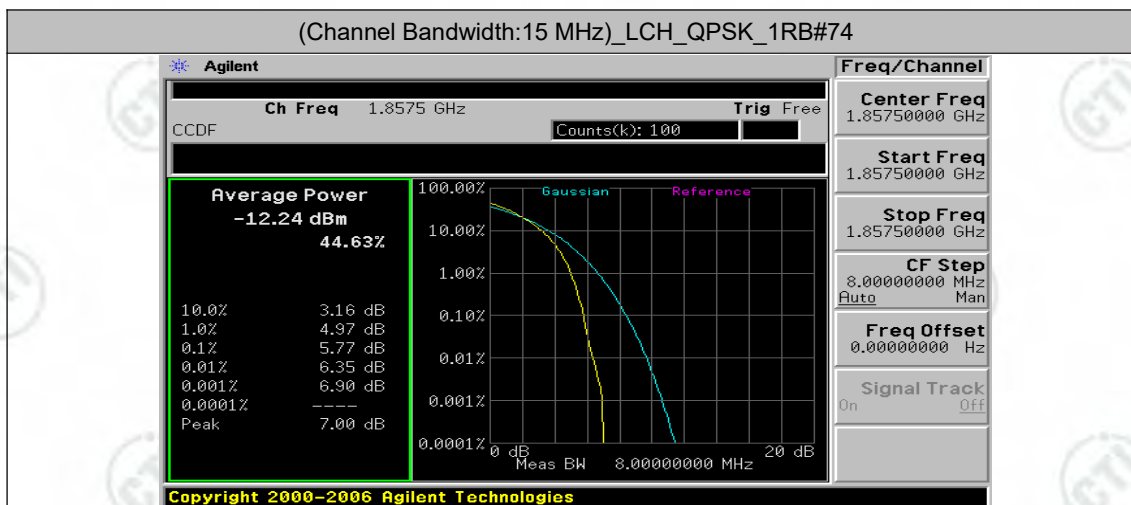


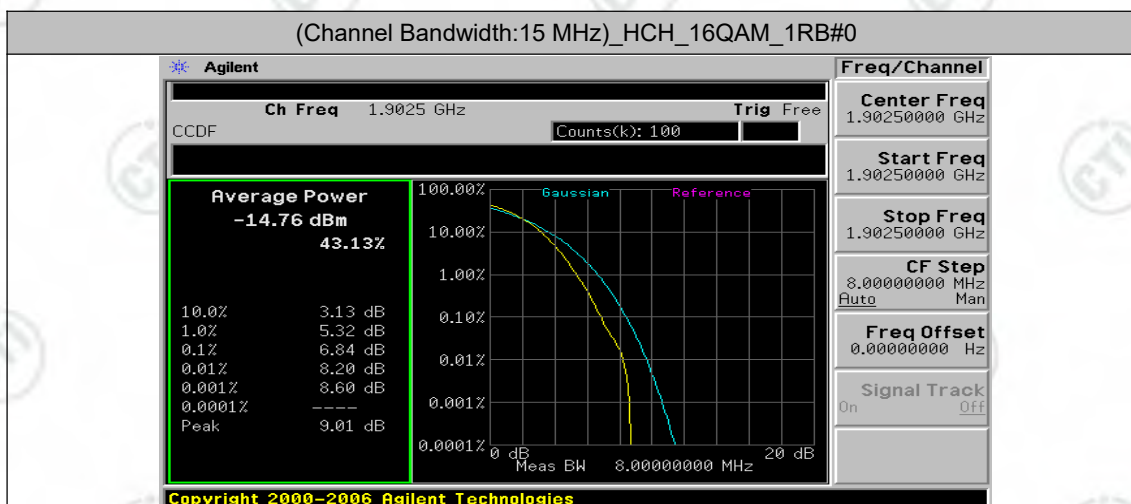
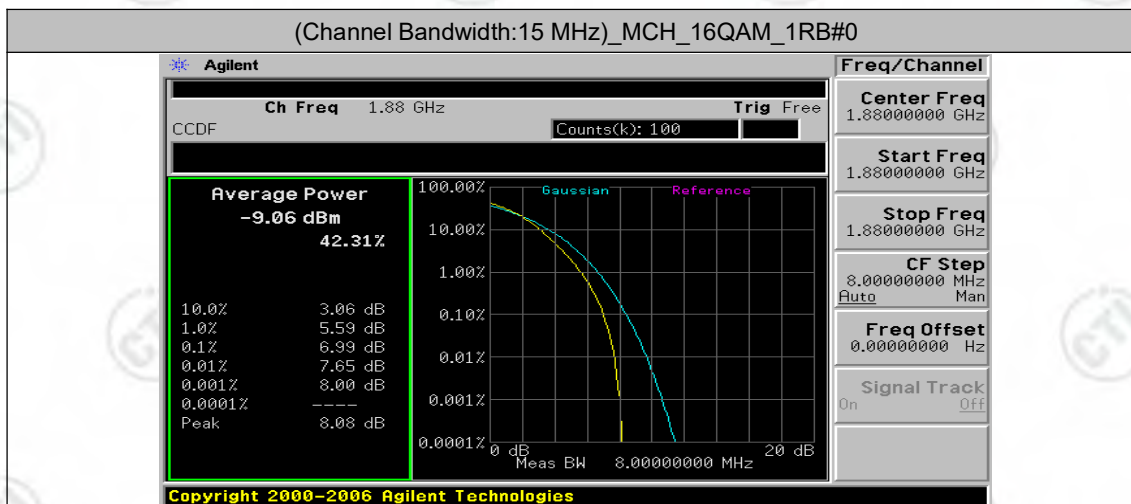
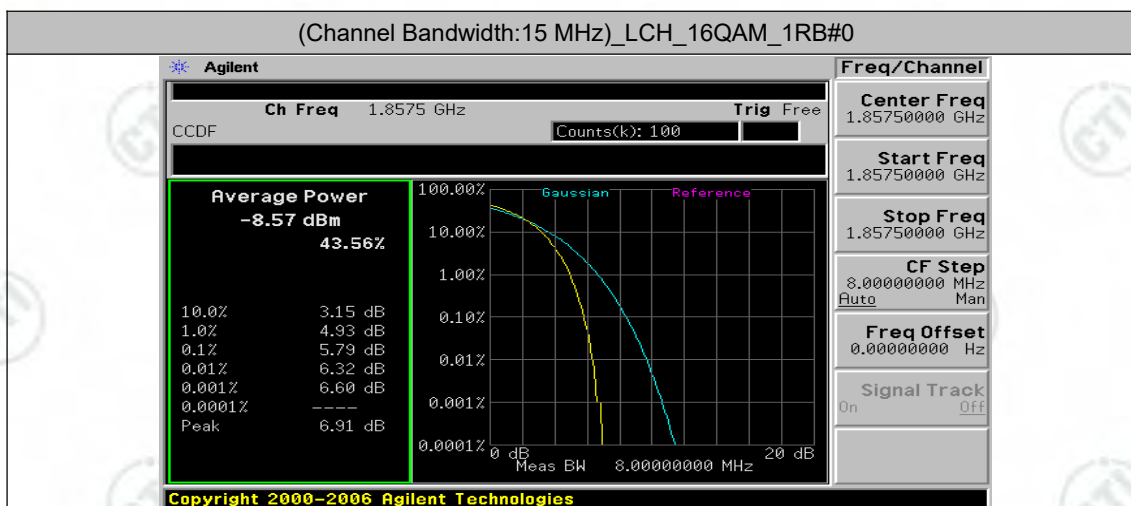
Channel Bandwidth: 10 MHz



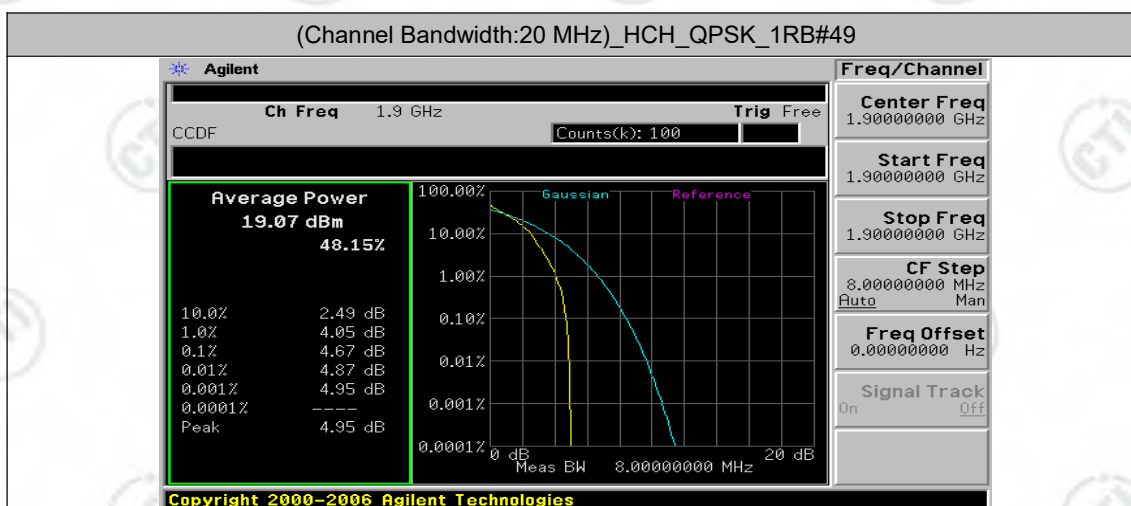
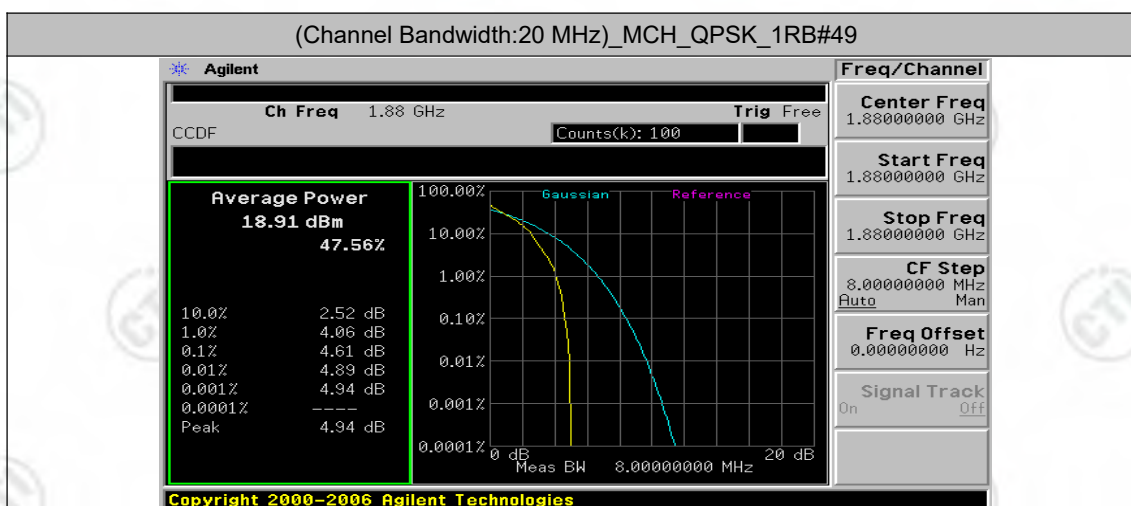
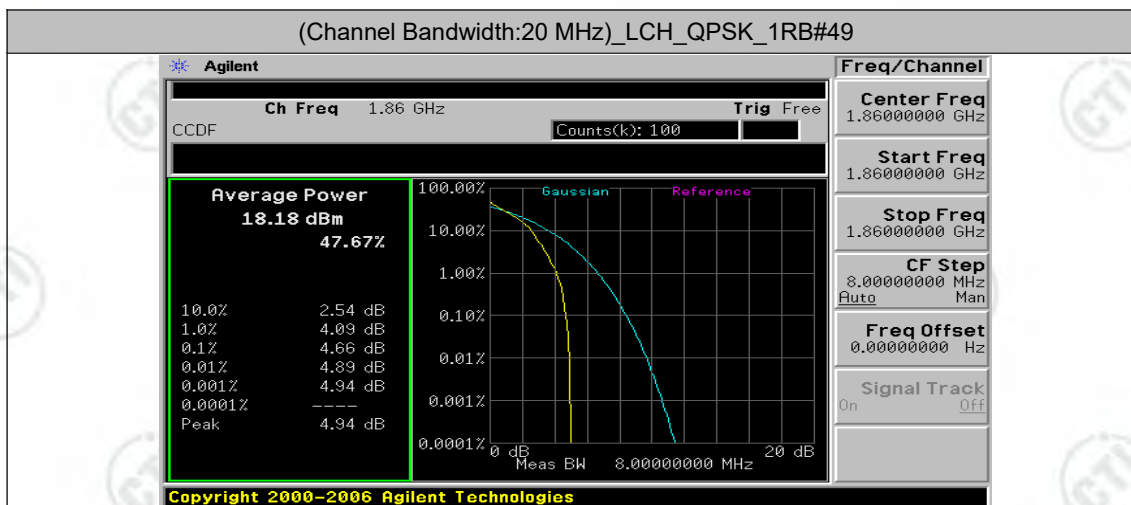


Channel Bandwidth: 15 MHz





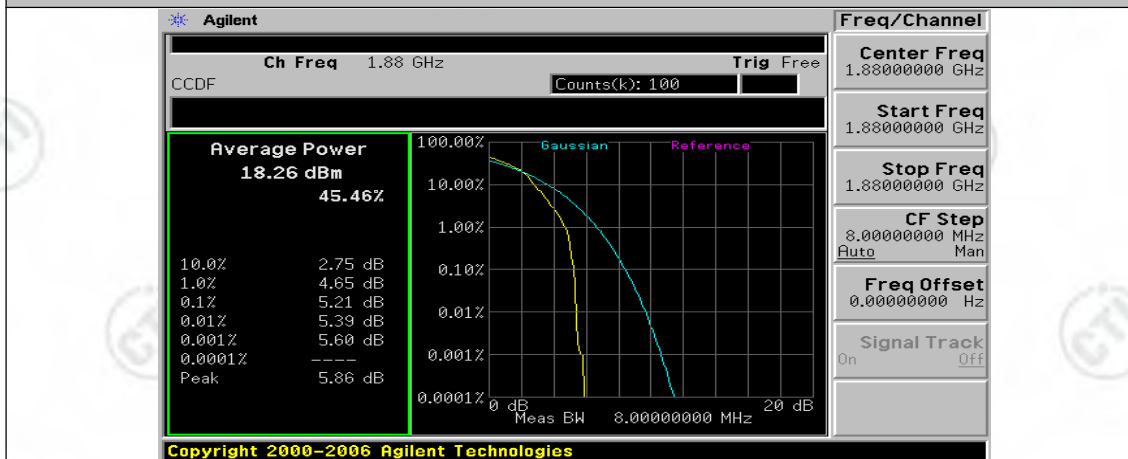
Channel Bandwidth: 20 MHz



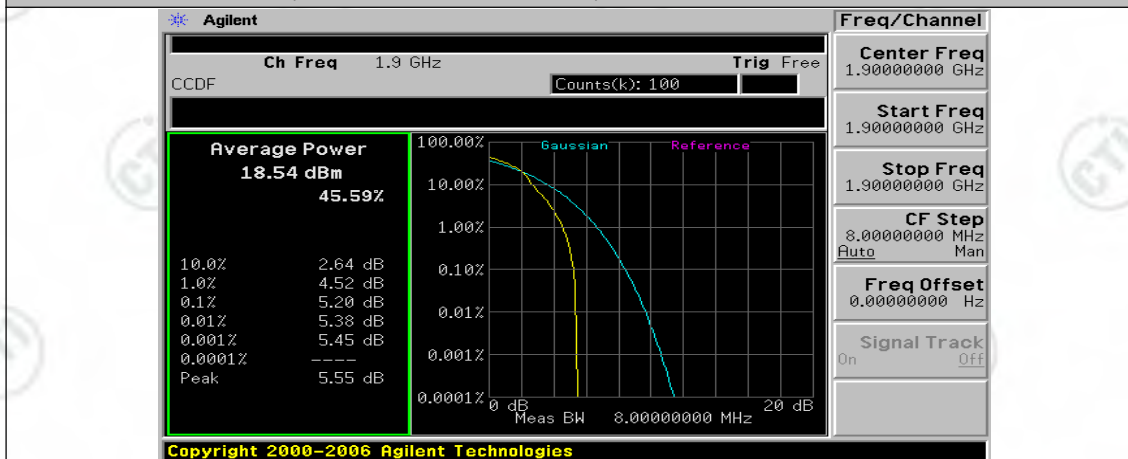
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49



(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49



(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.0760	1.250	PASS
	MCH	6	0	1.0755	1.247	PASS
	HCH	6	0	1.0762	1.246	PASS
16QAM	LCH	6	0	1.0842	1.250	PASS
	MCH	6	0	1.0829	1.255	PASS
	HCH	6	0	1.0857	1.254	PASS

Channel Bandwidth: 3MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	15	0	2.6897	3.015	PASS
	MCH	15	0	2.6890	2.949	PASS
	HCH	15	0	2.6925	2.949	PASS
16QAM	LCH	15	0	2.6805	2.989	PASS
	MCH	15	0	2.6867	3.012	PASS
	HCH	15	0	2.6813	2.992	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4910	5.184	PASS
	MCH	25	0	4.4912	5.177	PASS
	HCH	25	0	4.4747	5.212	PASS
16QAM	LCH	25	0	4.4708	4.990	PASS
	MCH	25	0	4.4657	5.095	PASS
	HCH	25	0	4.4691	5.036	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9466	9.748	PASS
	MCH	50	0	8.9414	9.851	PASS
	HCH	50	0	8.9425	9.784	PASS
16QAM	LCH	50	0	8.9498	9.837	PASS
	MCH	50	0	8.9372	9.727	PASS
	HCH	50	0	8.9317	9.735	PASS

Channel Bandwidth: 15 MHz

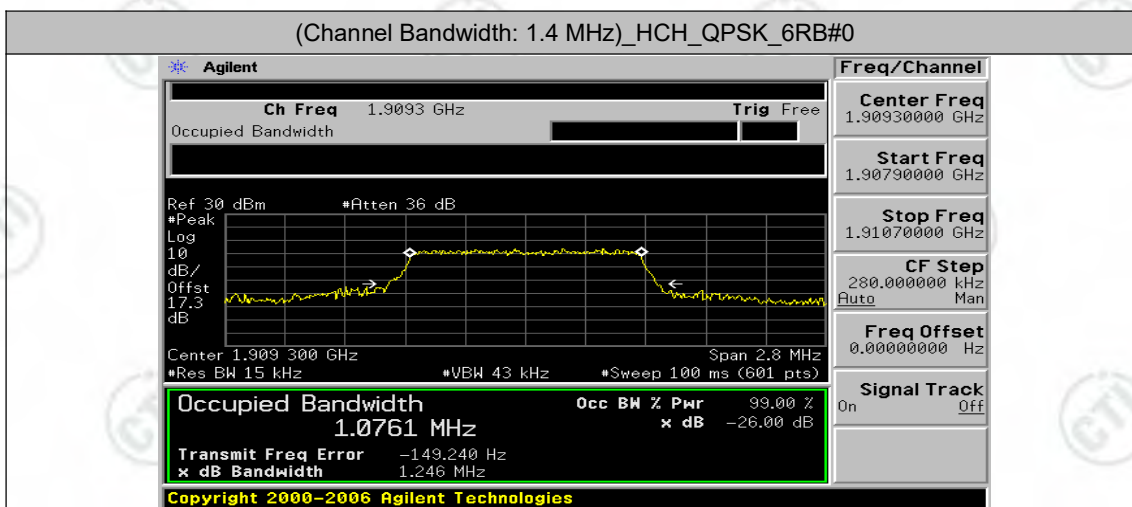
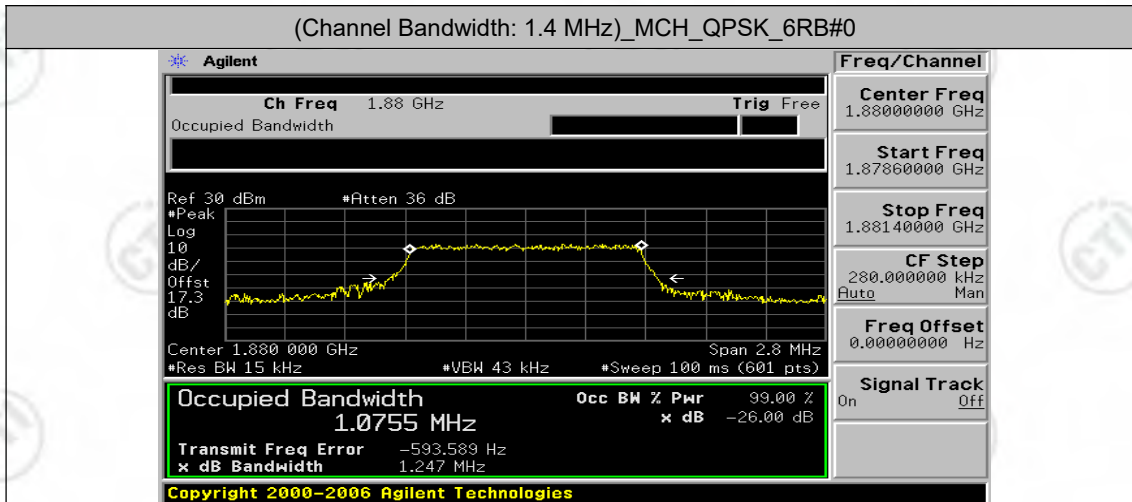
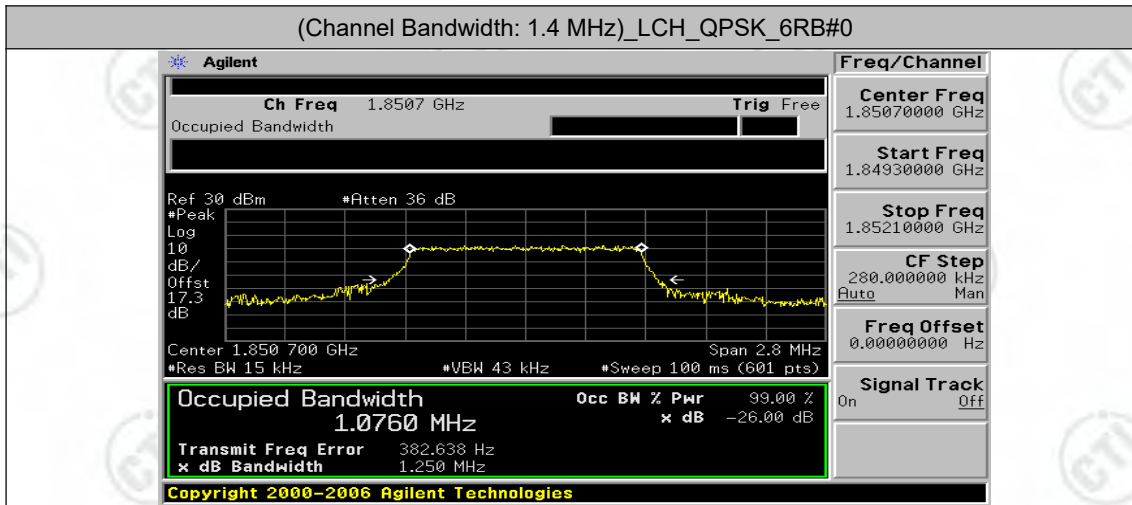
Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	75	0	13.4031	14.841	PASS
	MCH	75	0	13.4318	14.781	PASS
	HCH	75	0	13.4373	14.984	PASS
16QAM	LCH	75	0	13.3857	14.778	PASS
	MCH	75	0	13.3896	14.599	PASS
	HCH	75	0	13.4300	14.693	PASS

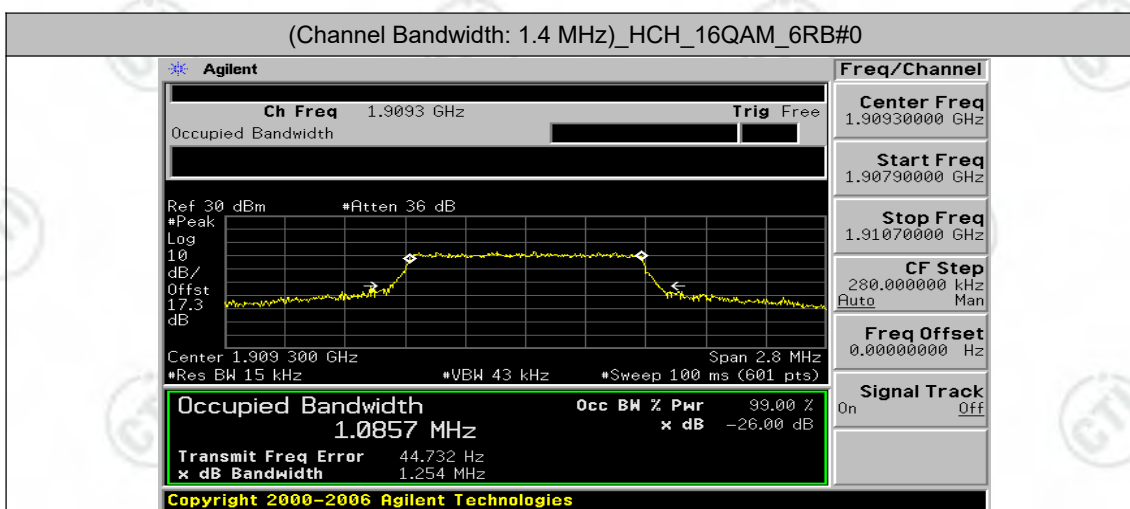
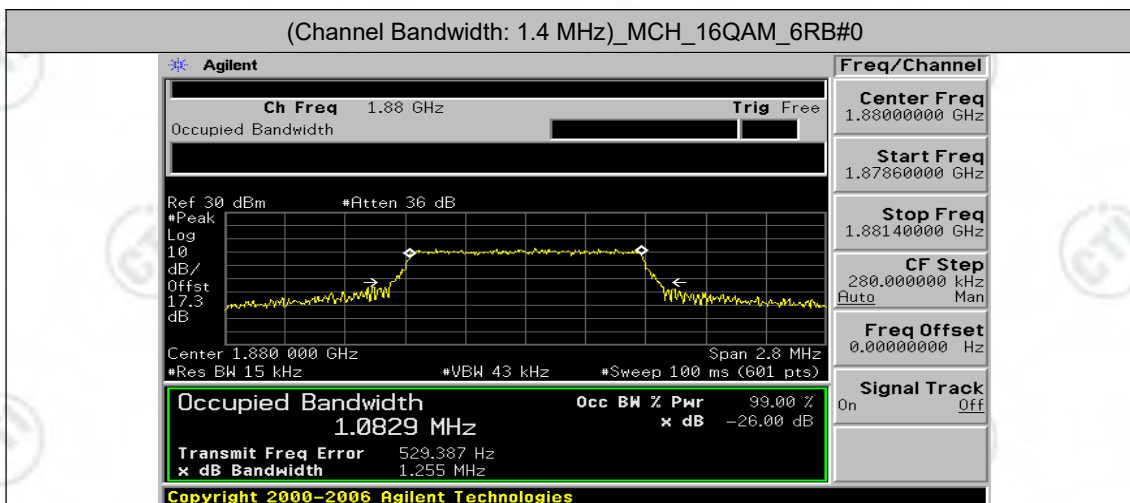
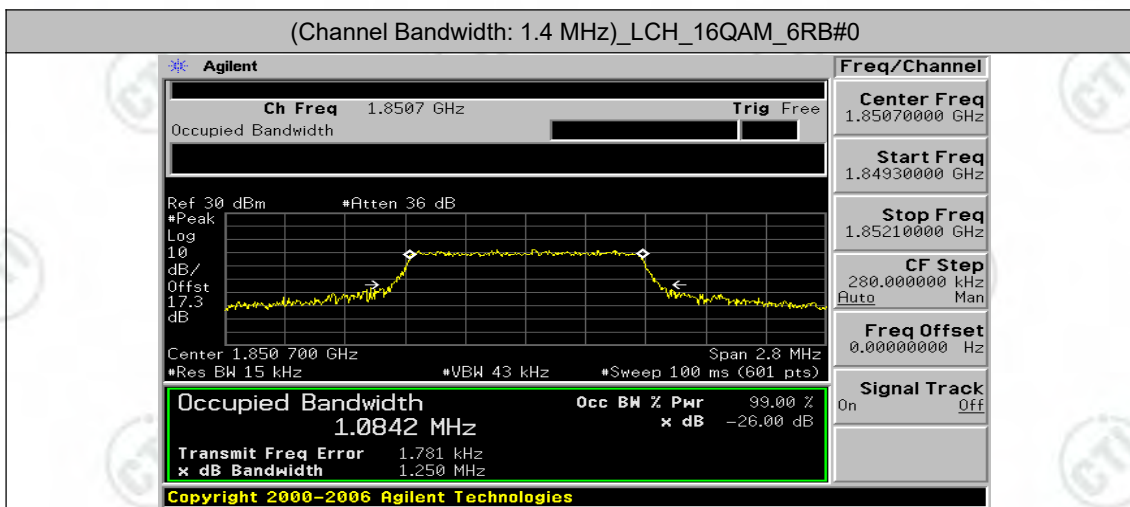
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	100	0	17.8710	19.301	PASS
	MCH	100	0	17.8666	19.335	PASS
	HCH	100	0	17.9175	19.618	PASS
16QAM	LCH	100	0	17.8854	19.660	PASS
	MCH	100	0	17.8939	19.565	PASS
	HCH	100	0	17.9503	19.707	PASS

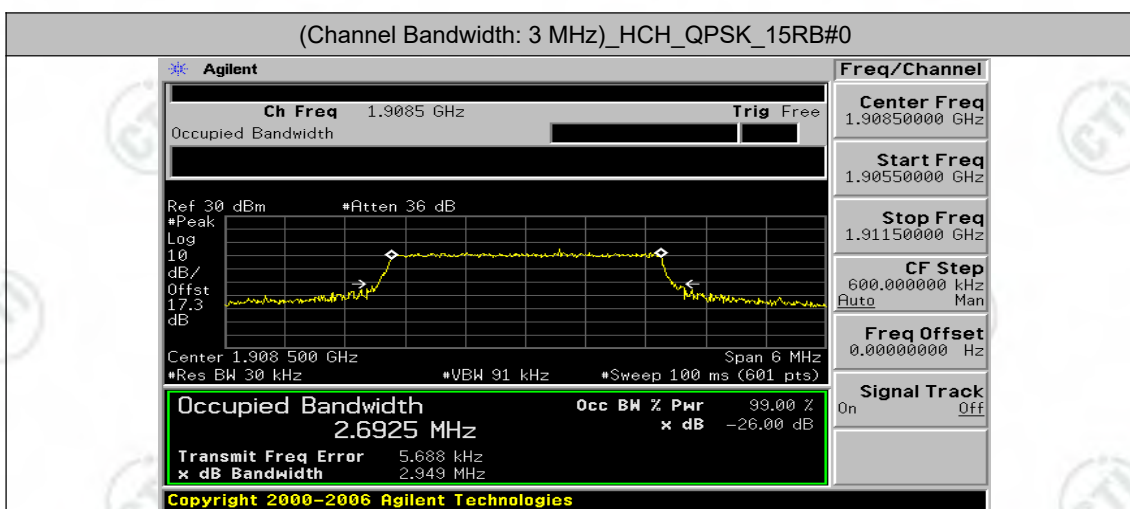
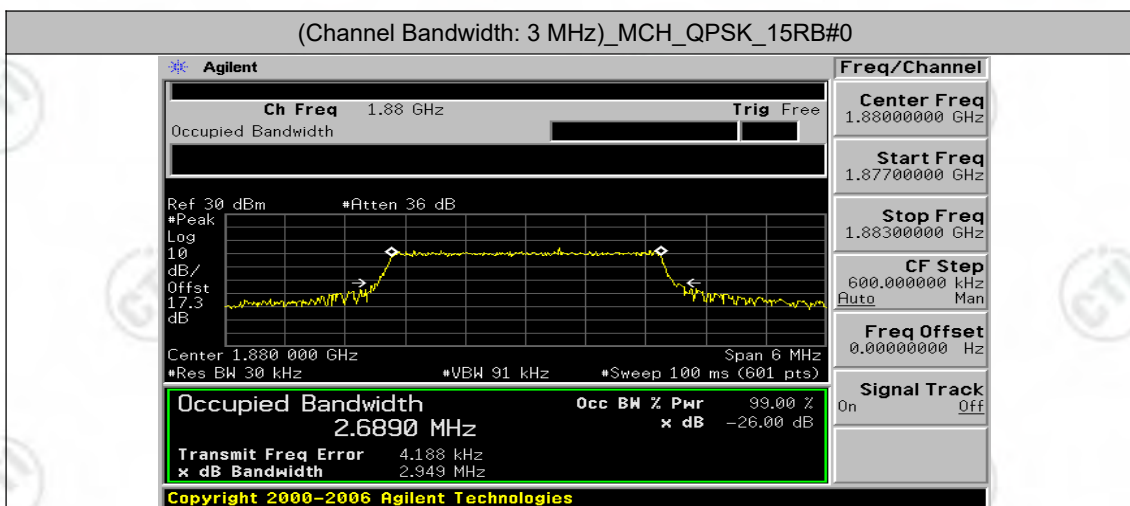
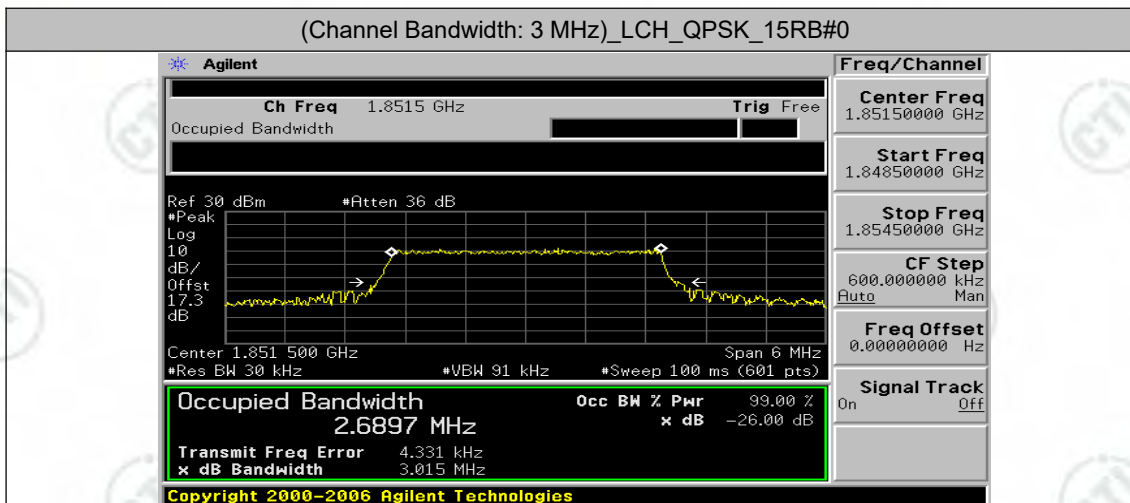
Test Graphs

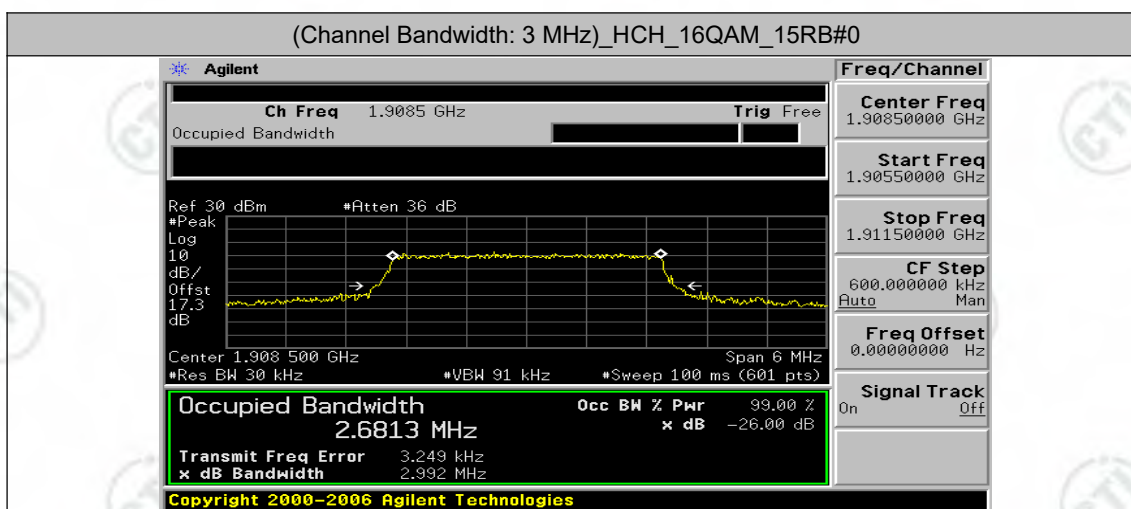
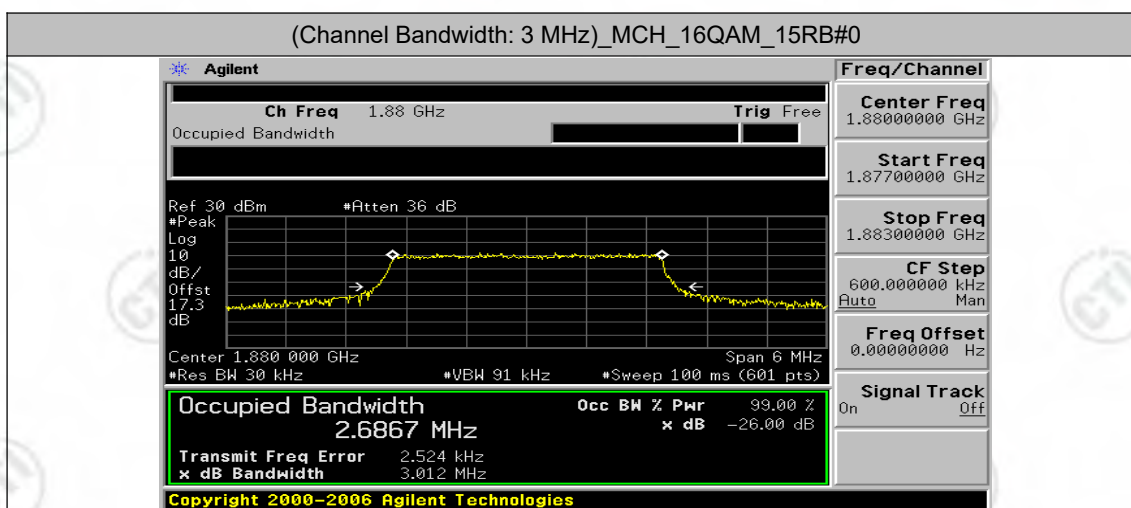
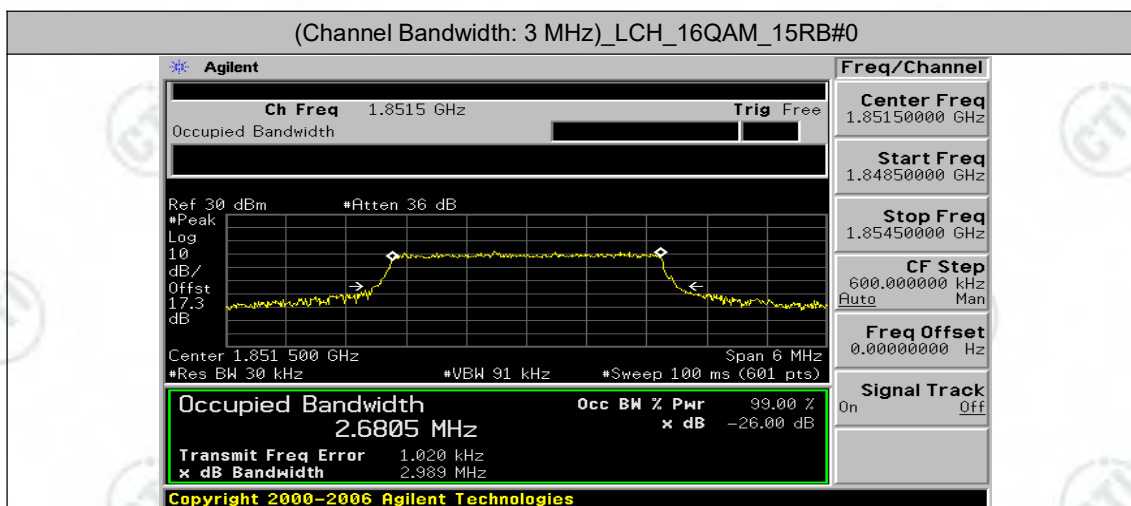
Channel Bandwidth: 1.4 MHz



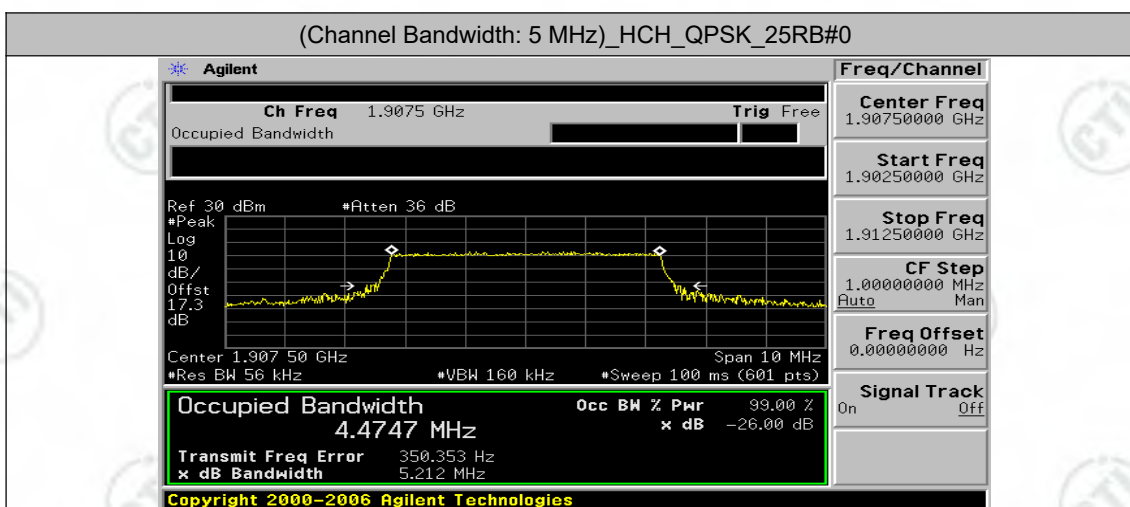
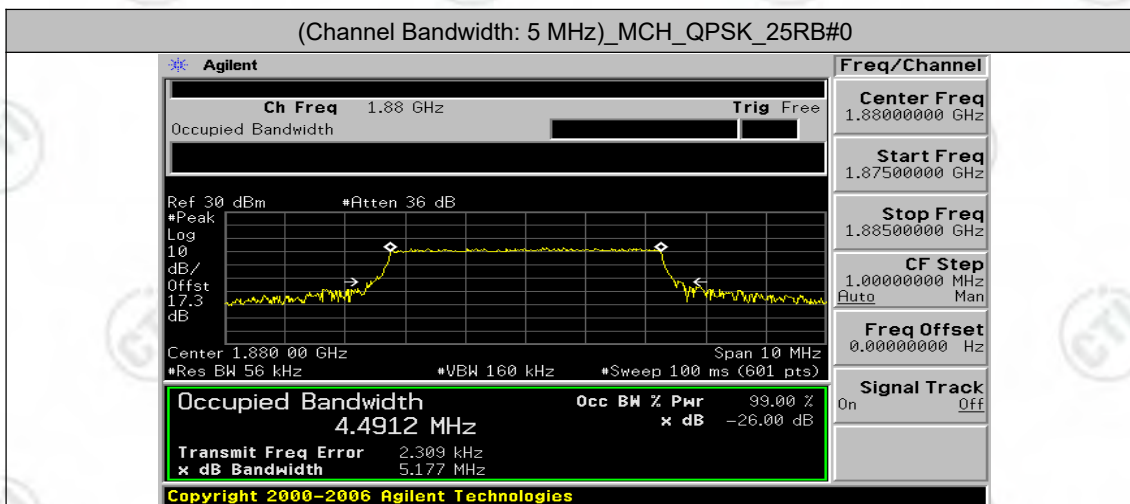
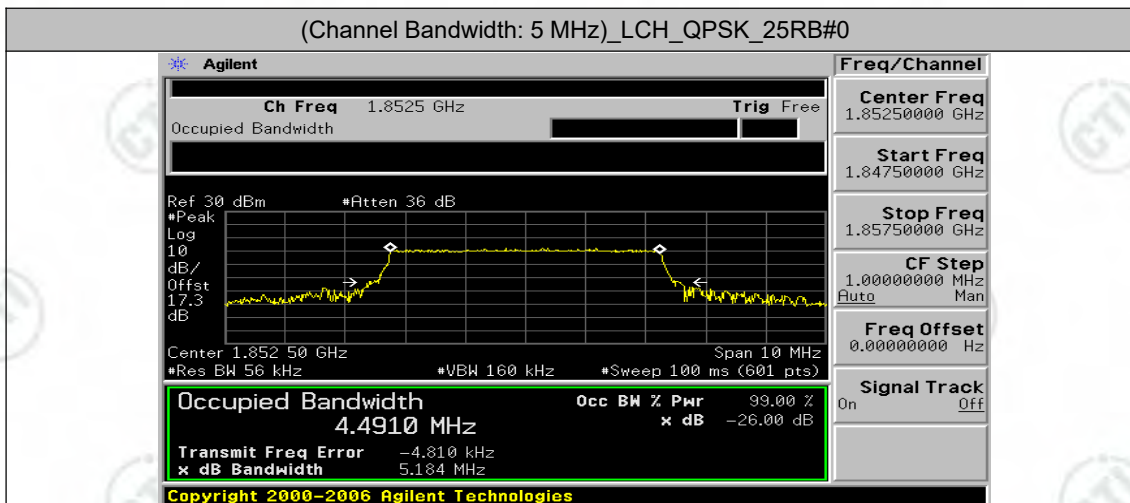


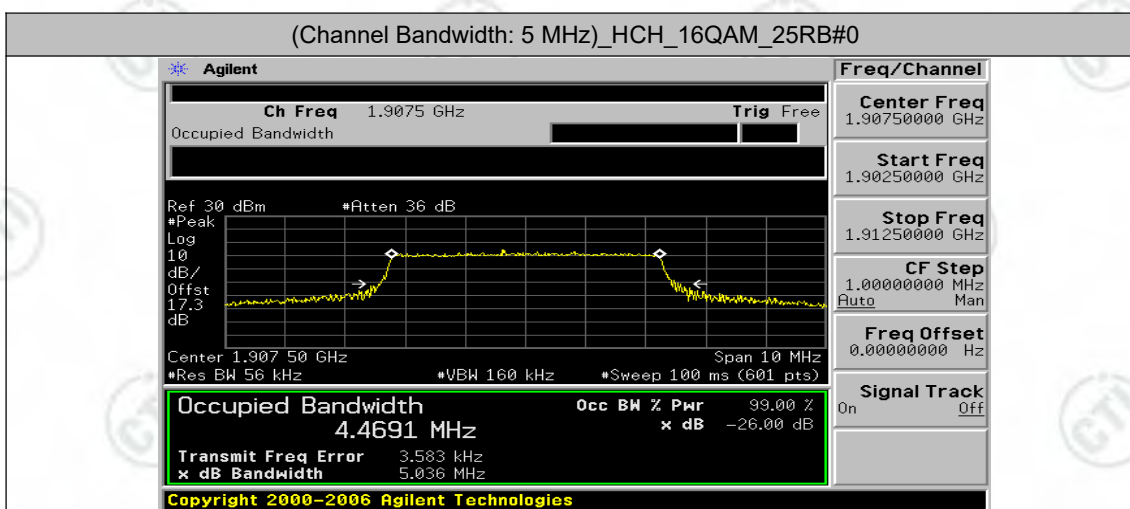
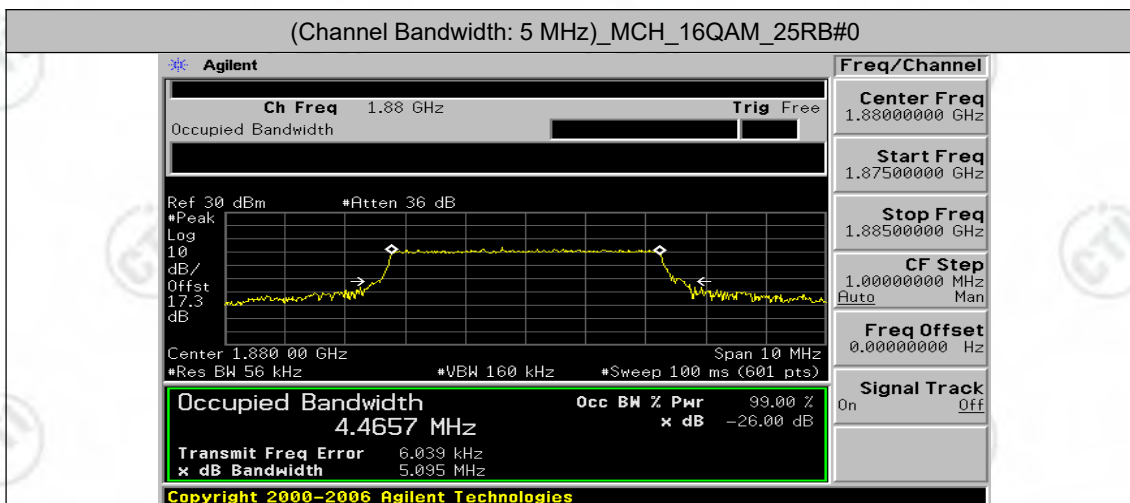
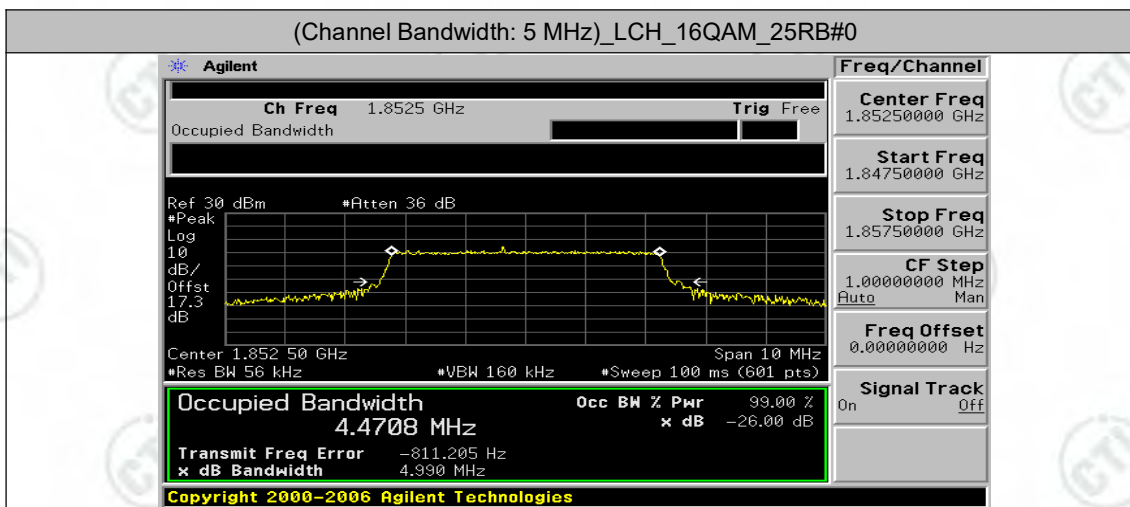
Channel Bandwidth: 3 MHz



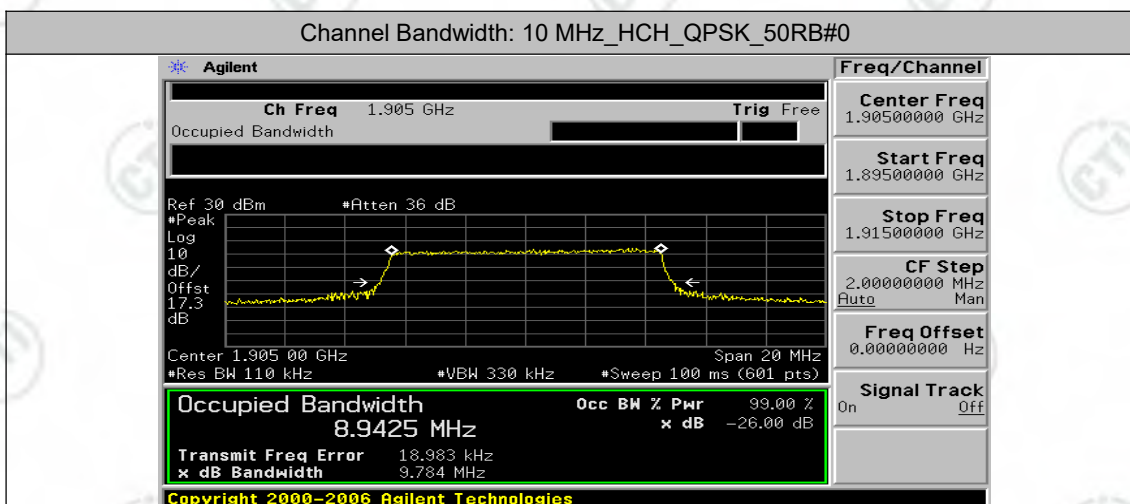
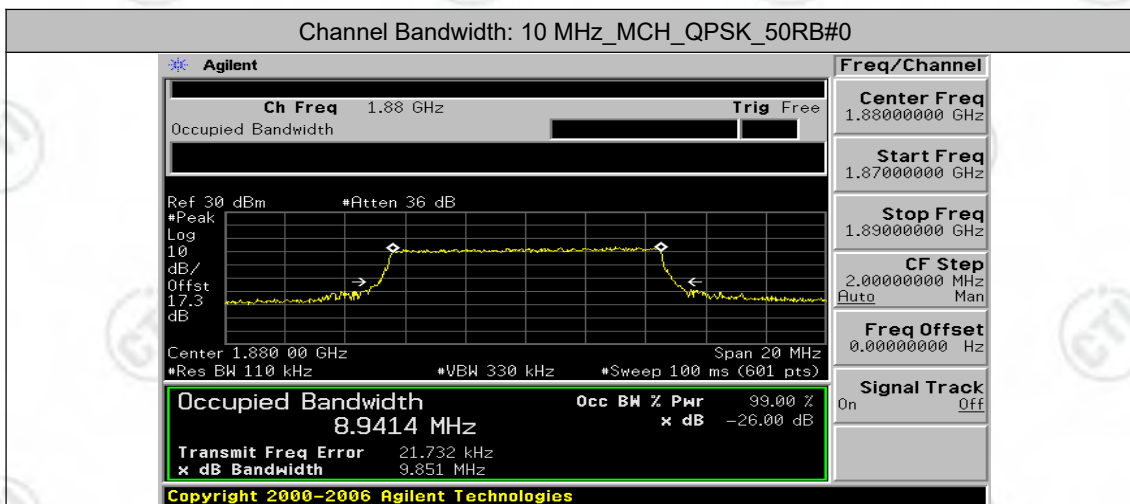
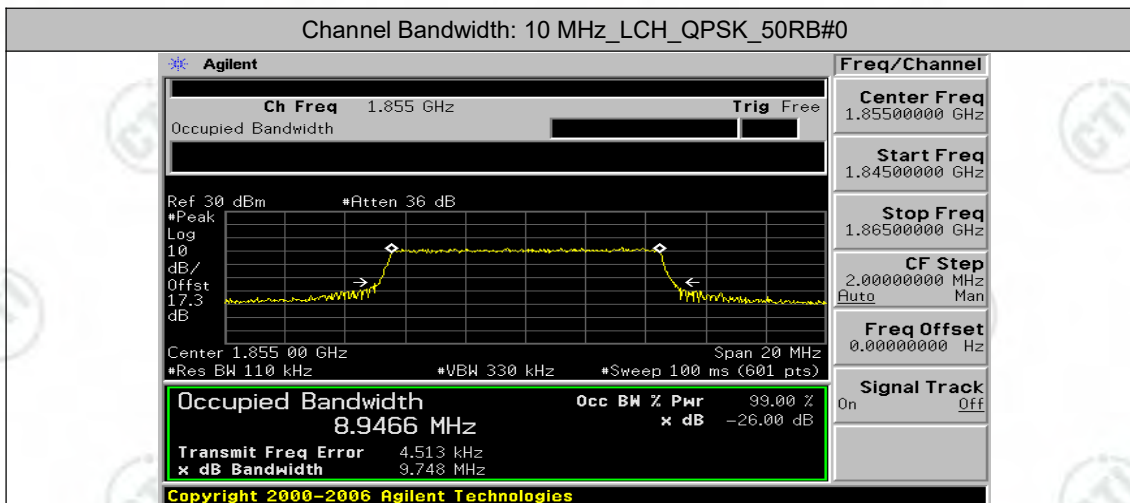


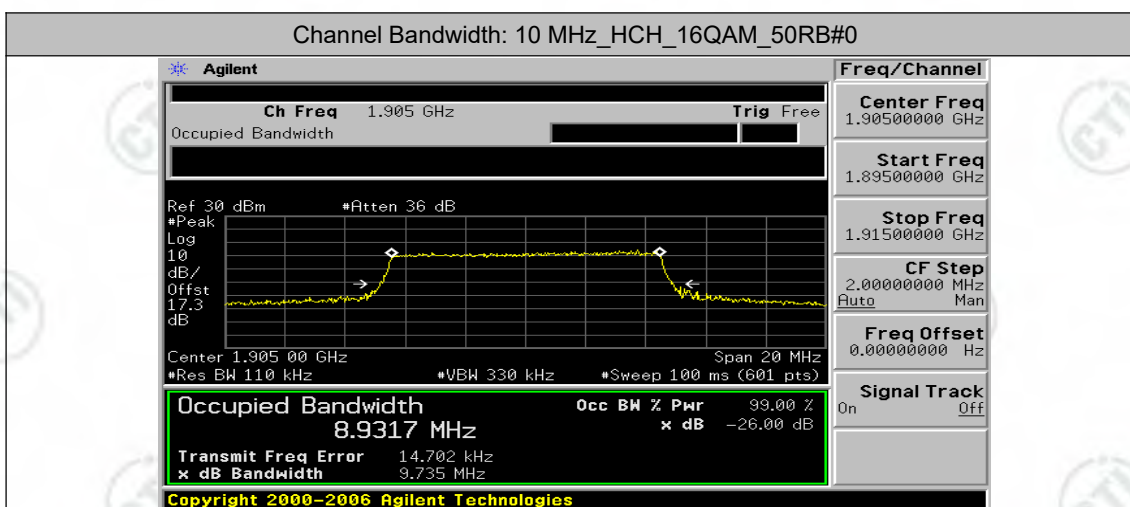
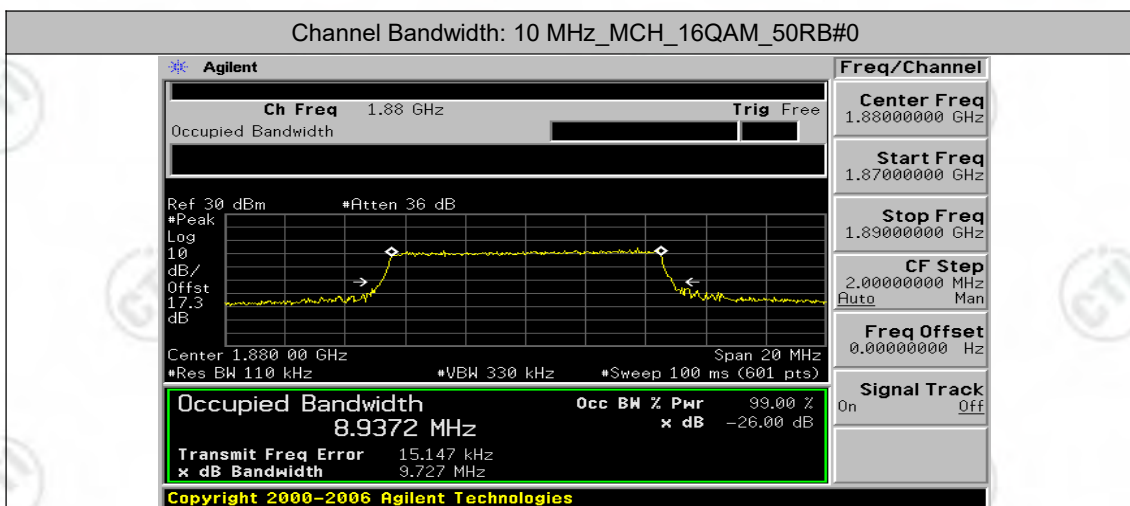
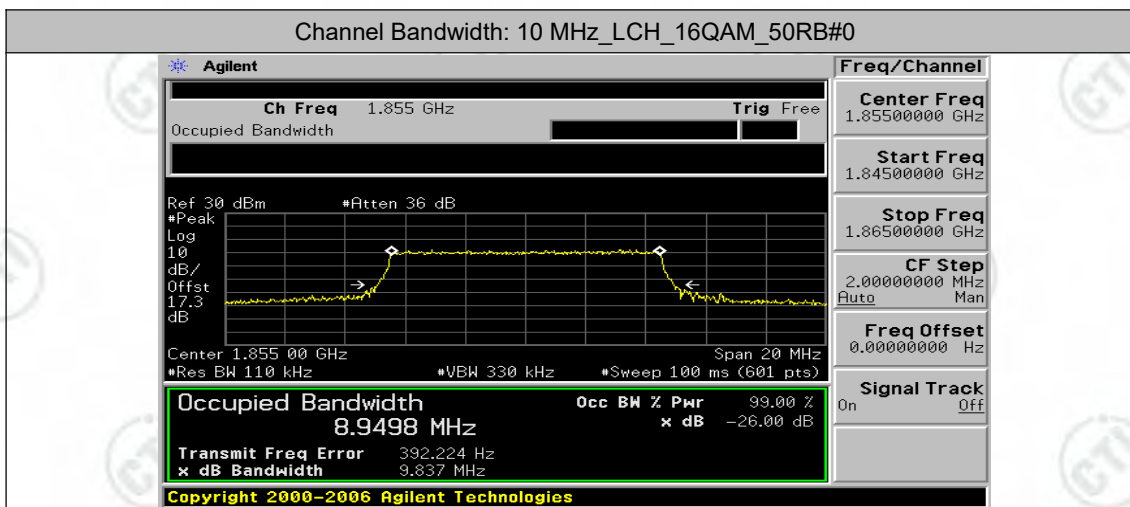
Channel Bandwidth: 5 MHz



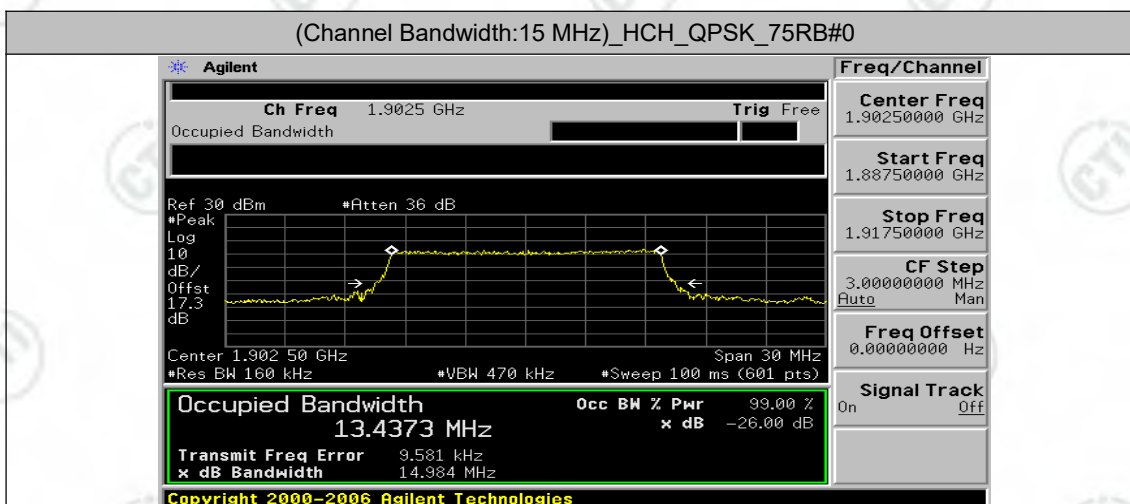
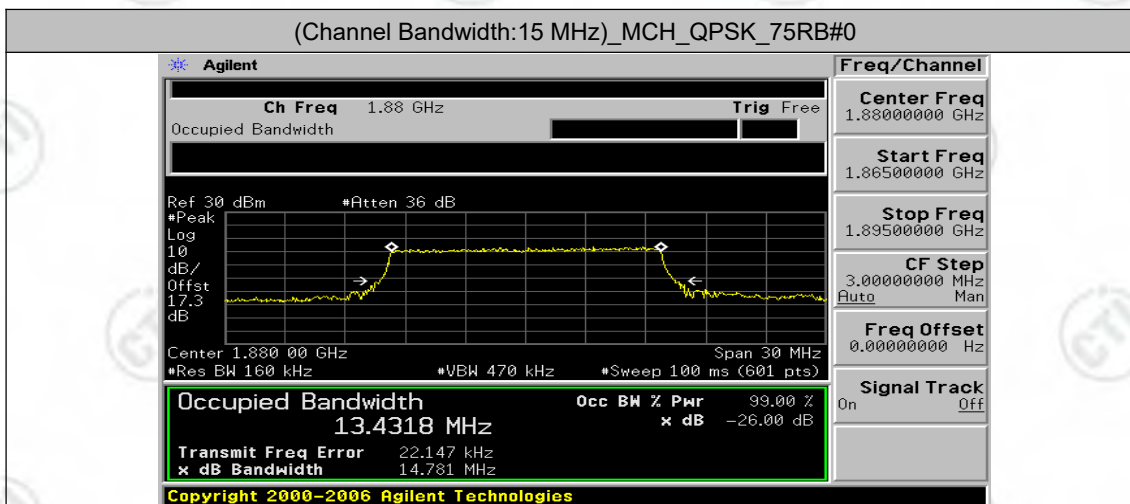
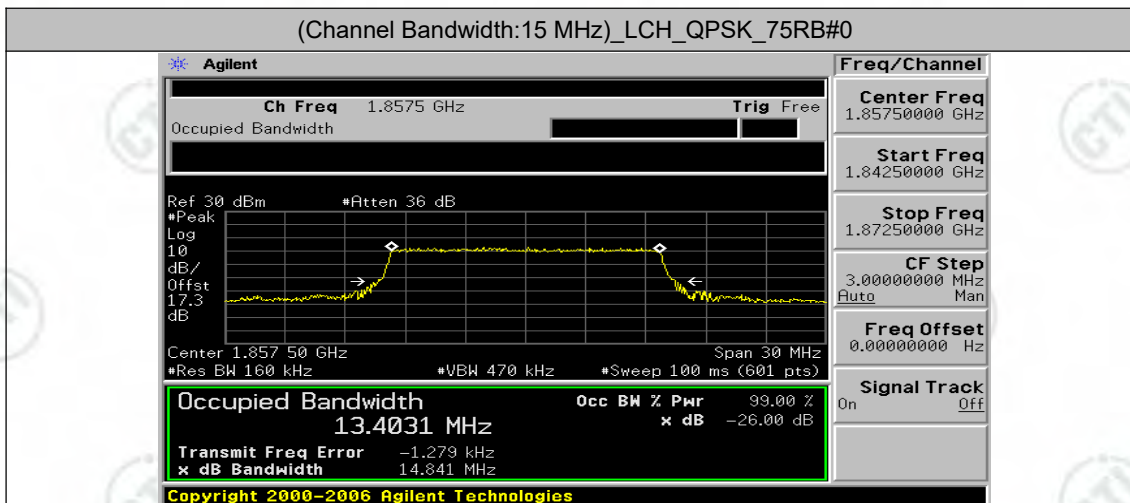


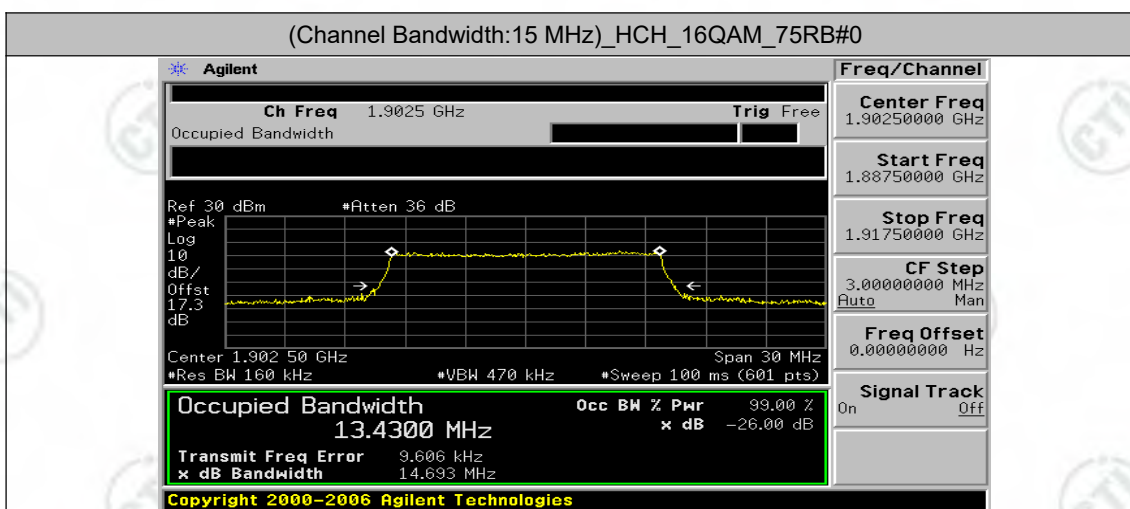
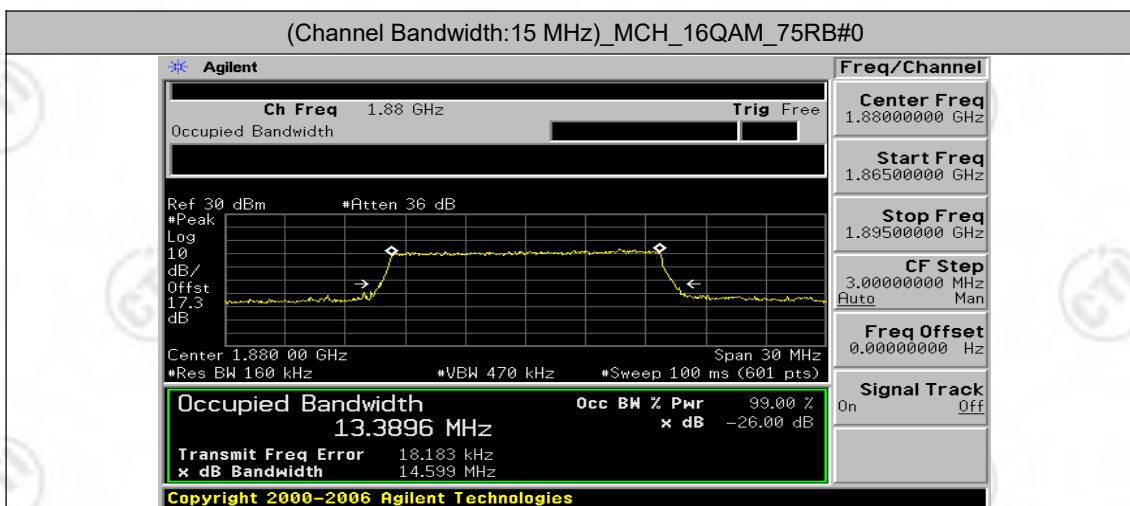
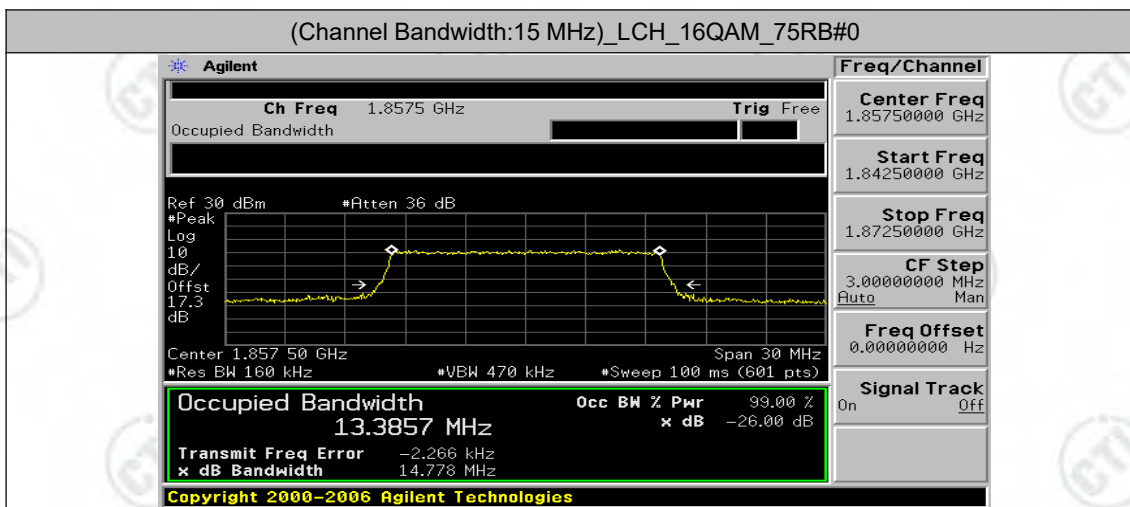
Channel Bandwidth: 10 MHz



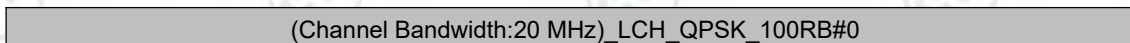


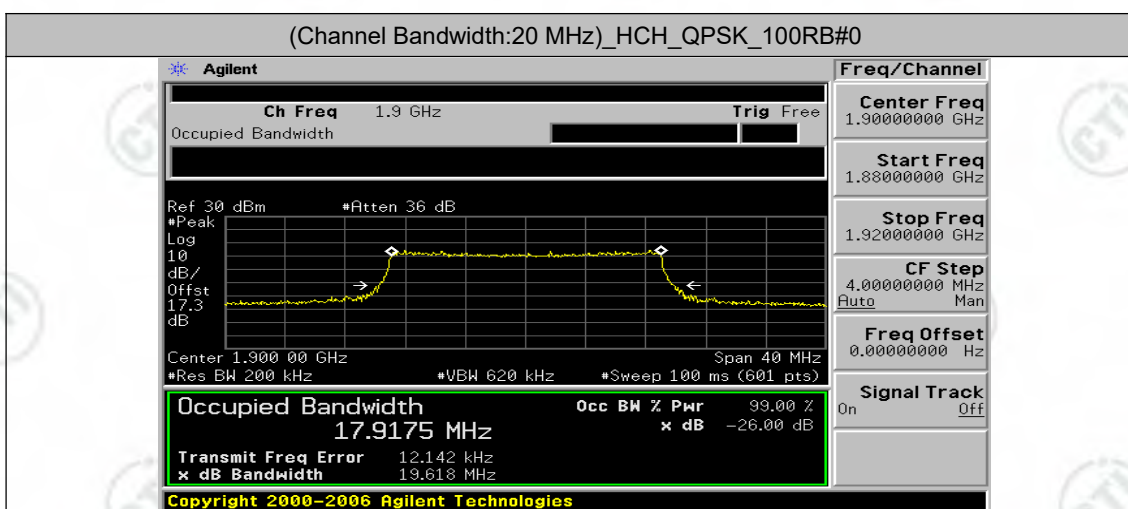
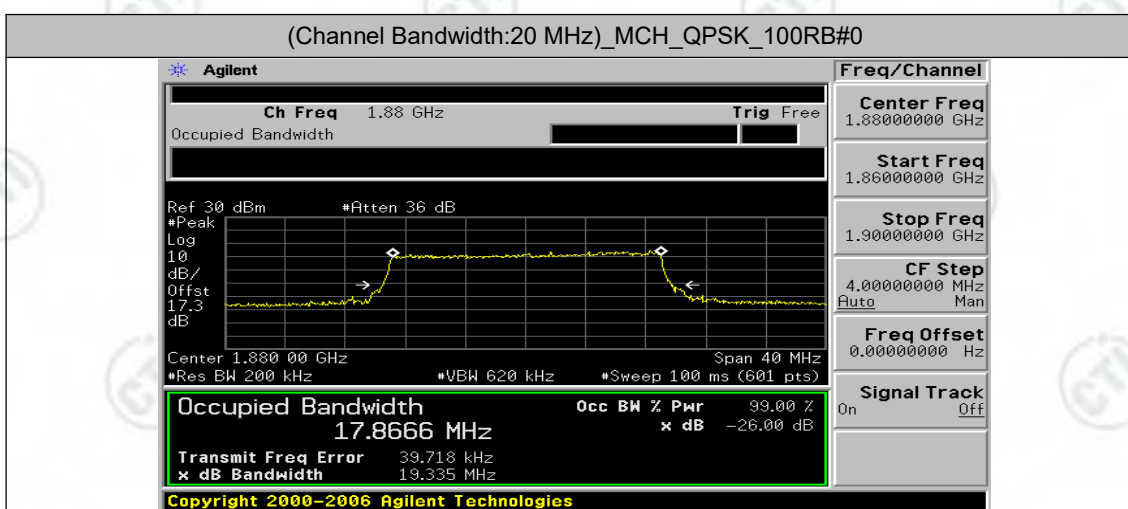
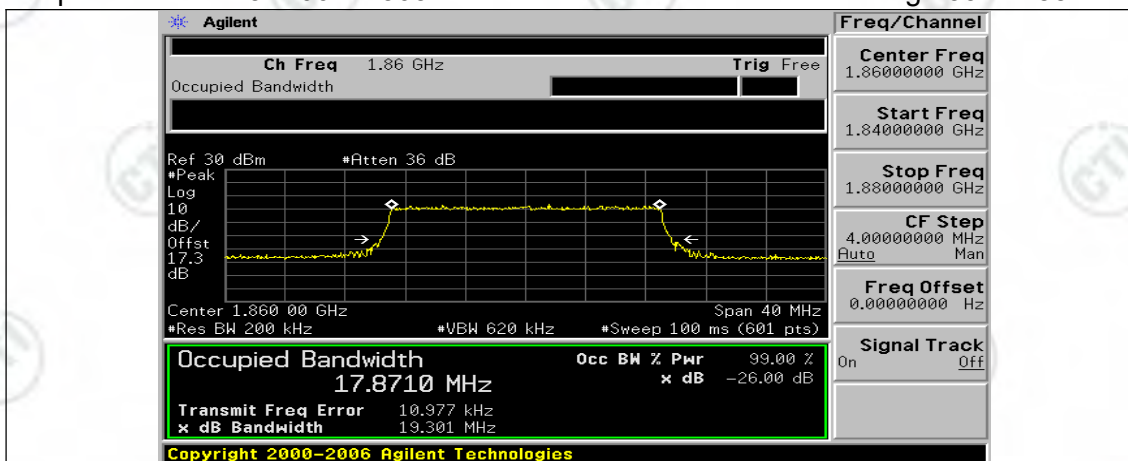
Channel Bandwidth: 15 MHz

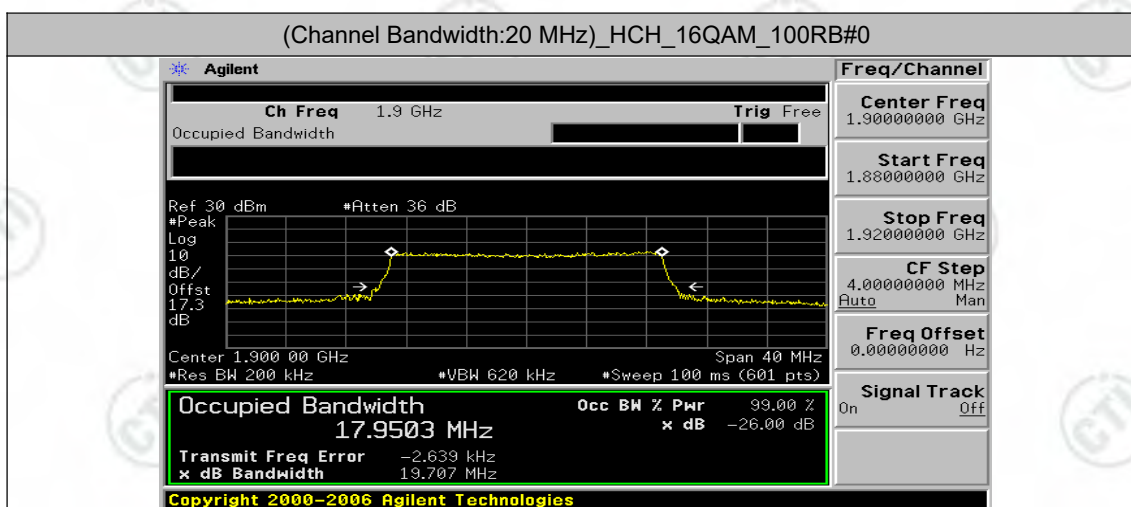
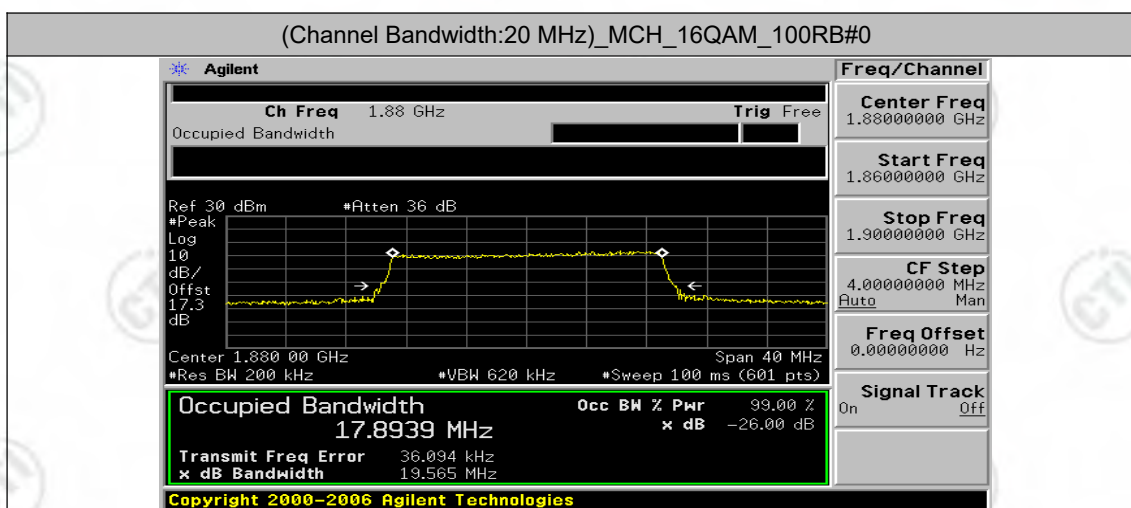
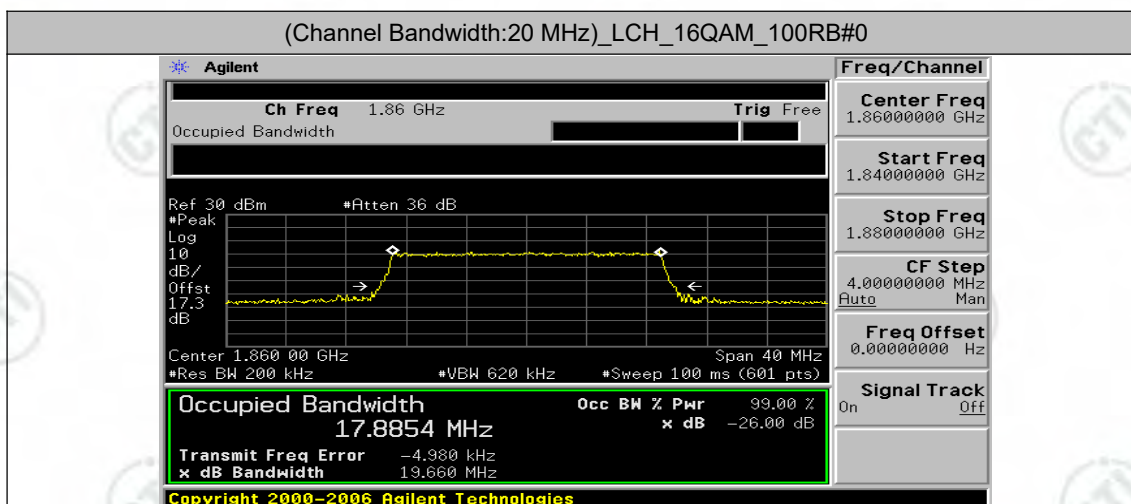




Channel Bandwidth: 20 MHz



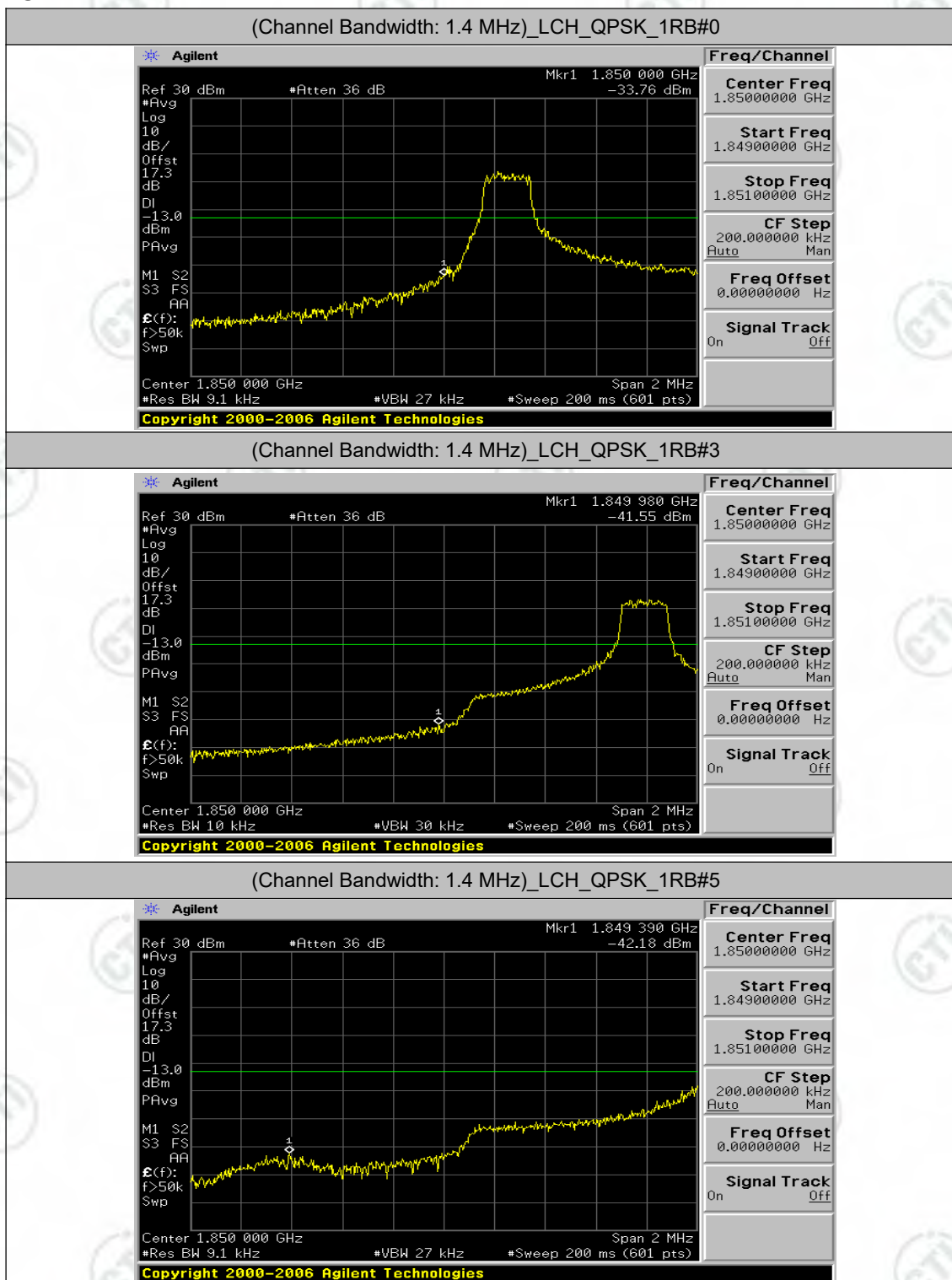


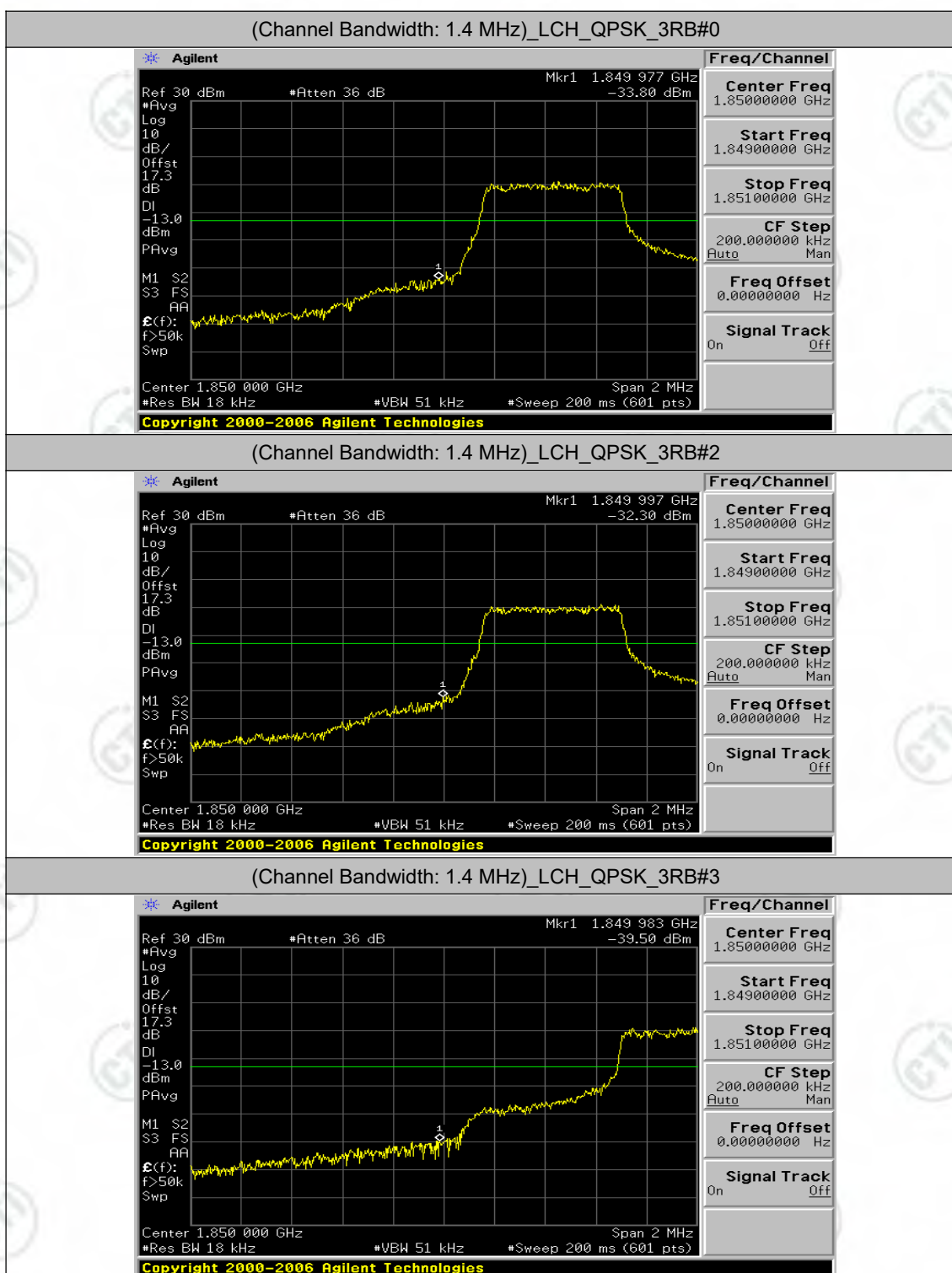


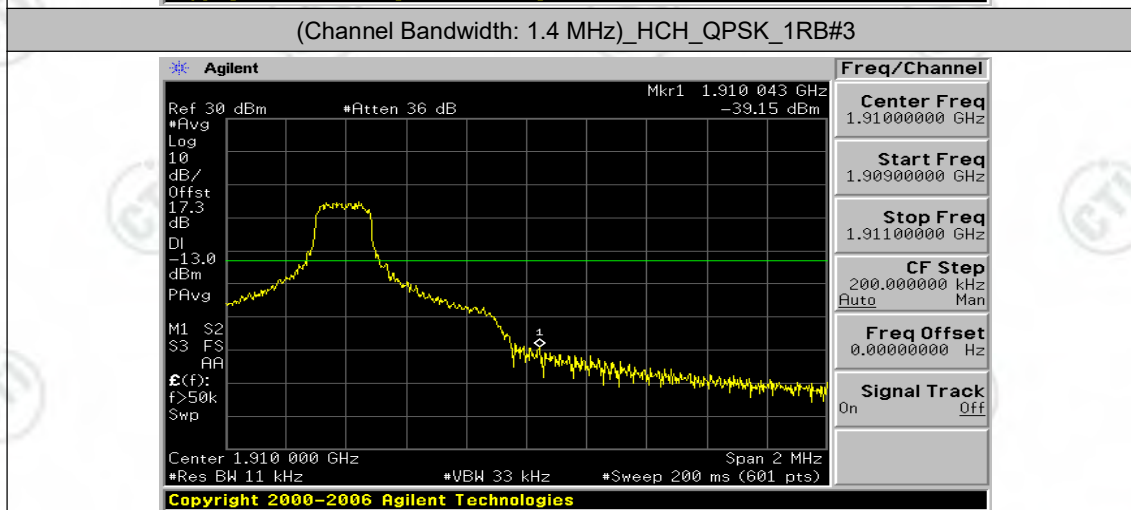
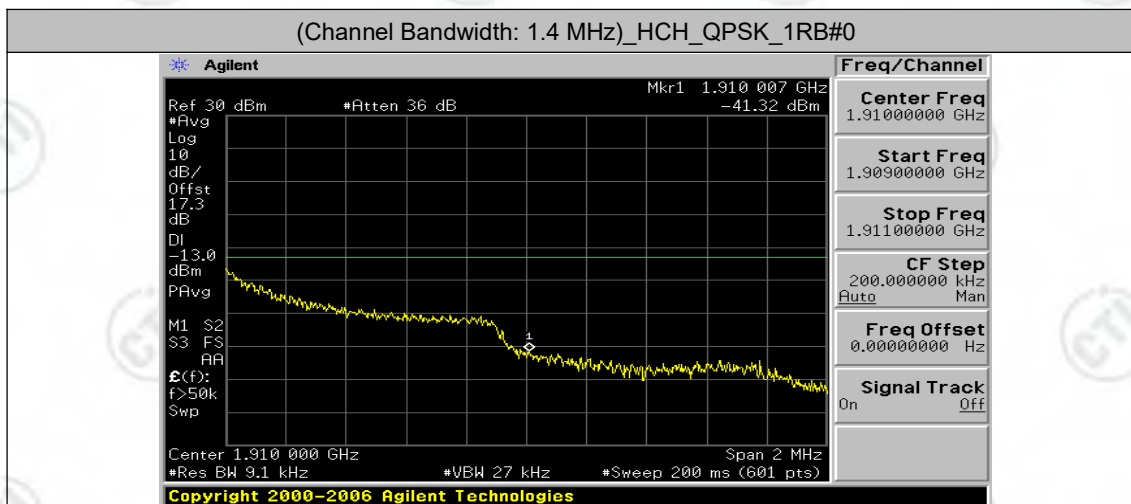
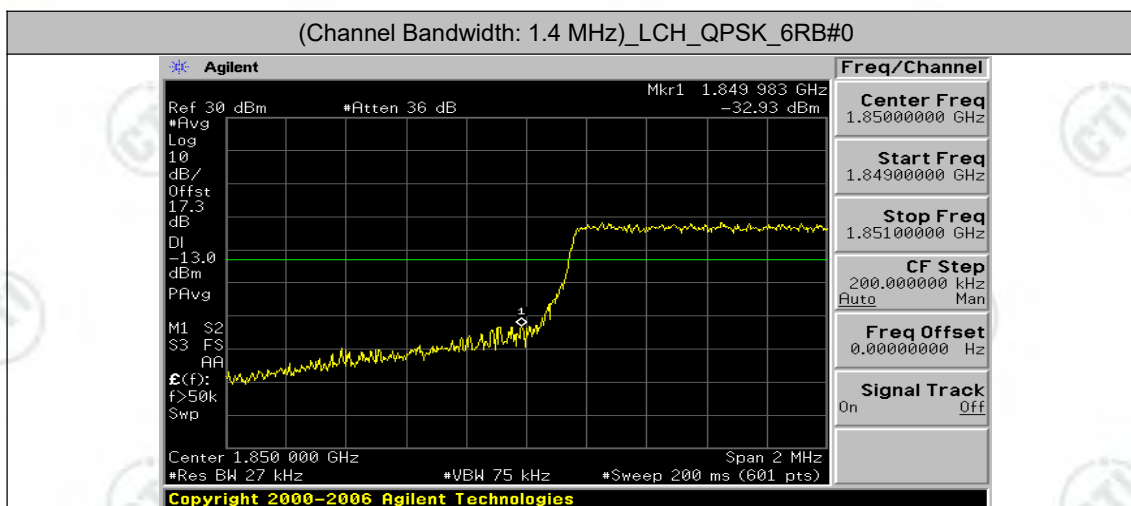
Appendix D: Band Edge

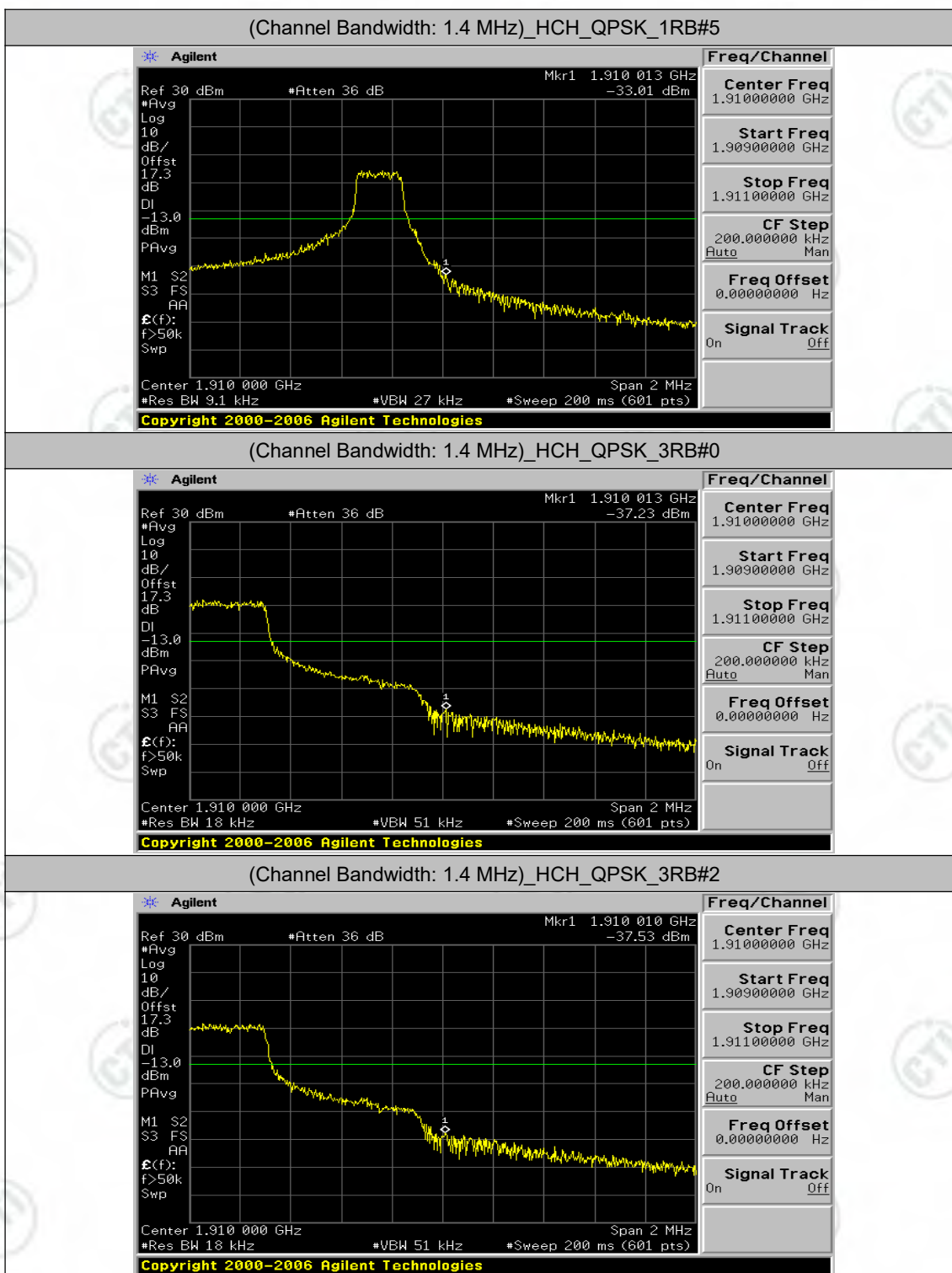
Test Graphs

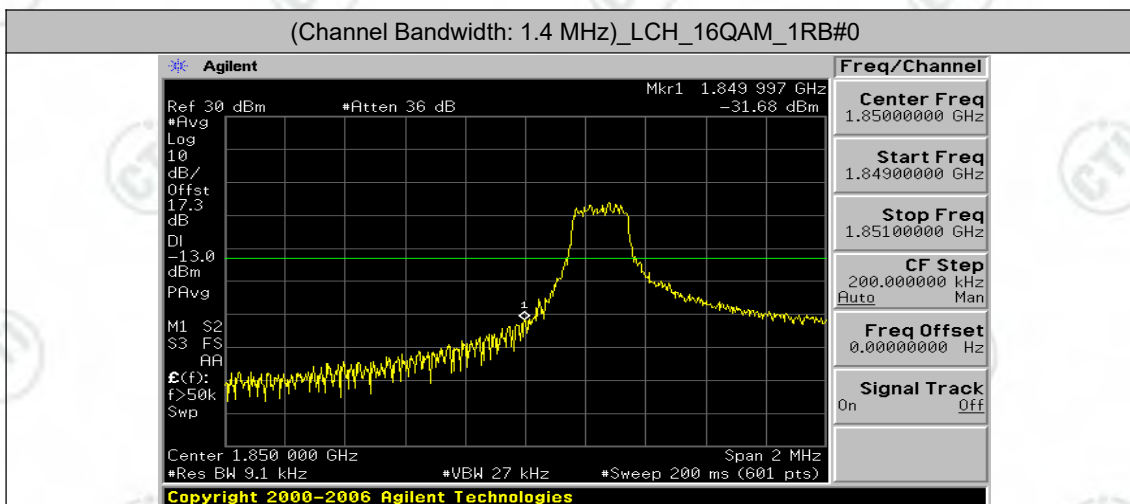
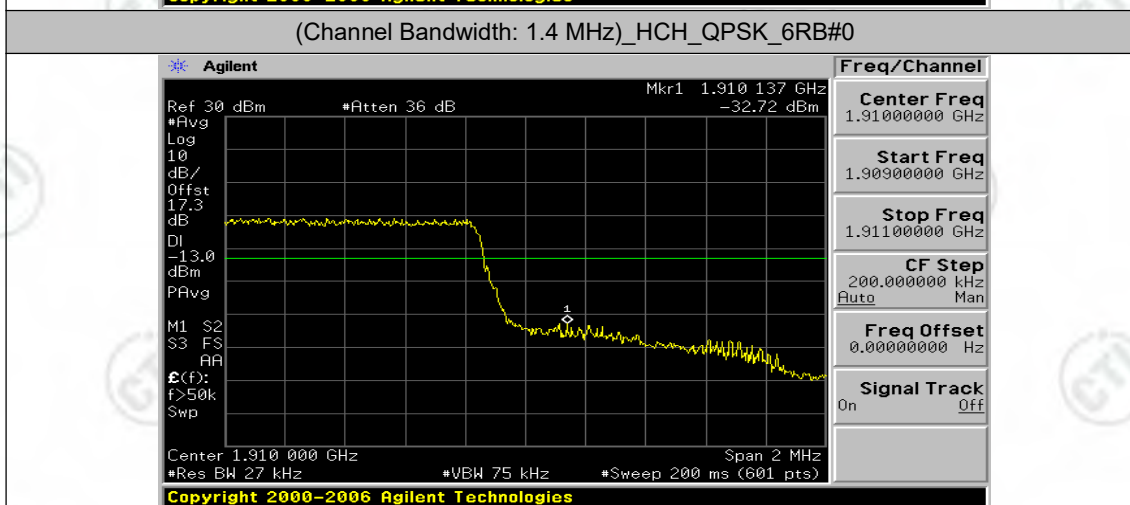
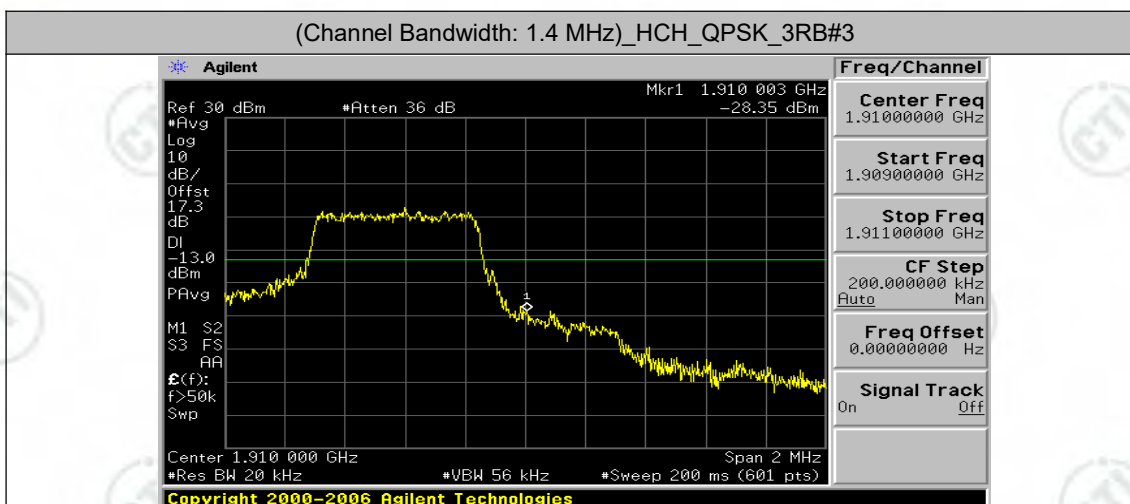
Channel Bandwidth: 1.4 MHz



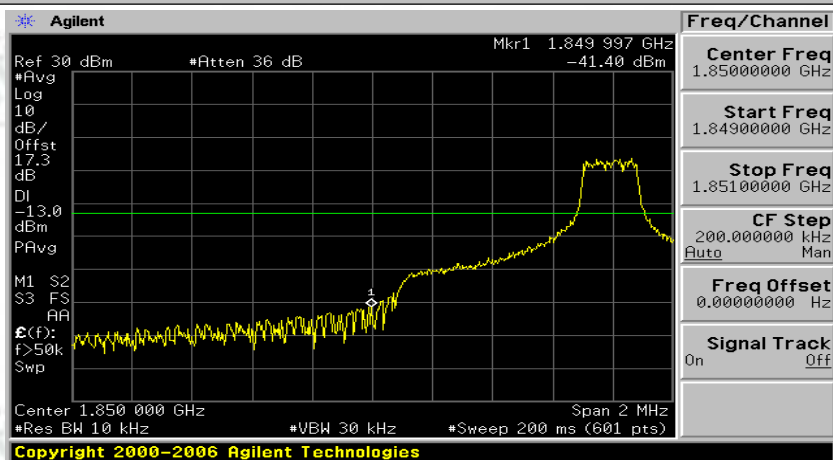




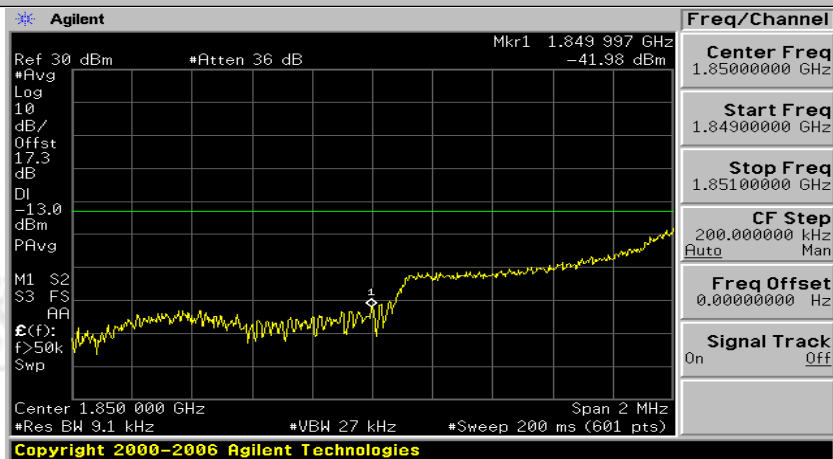




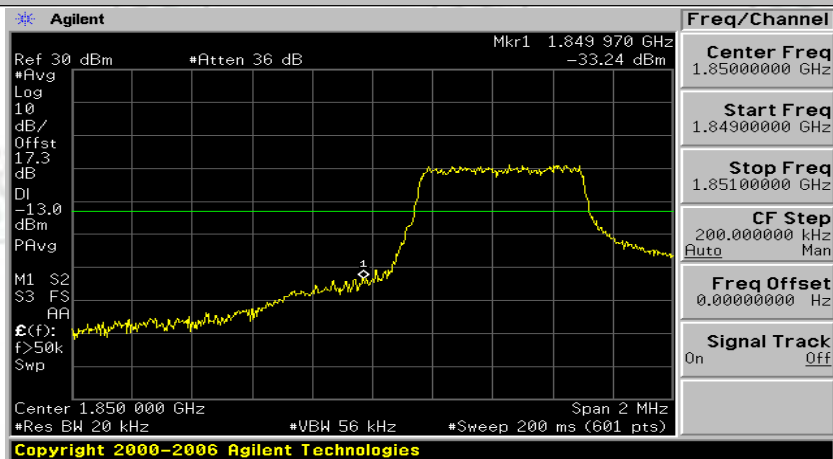
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



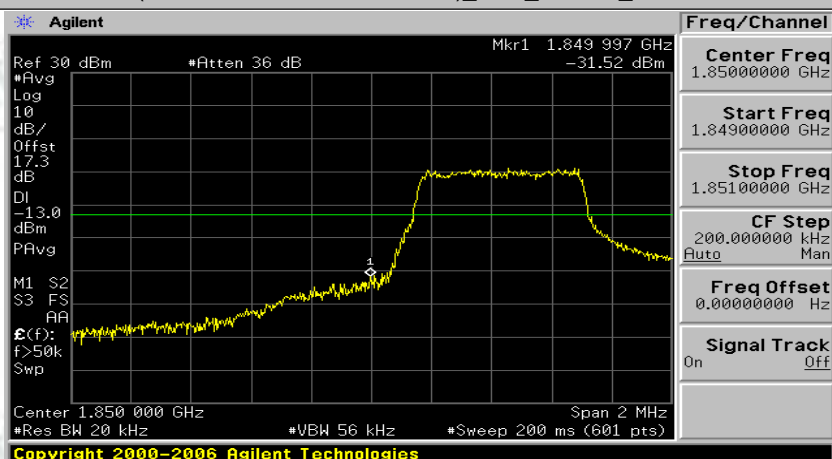
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



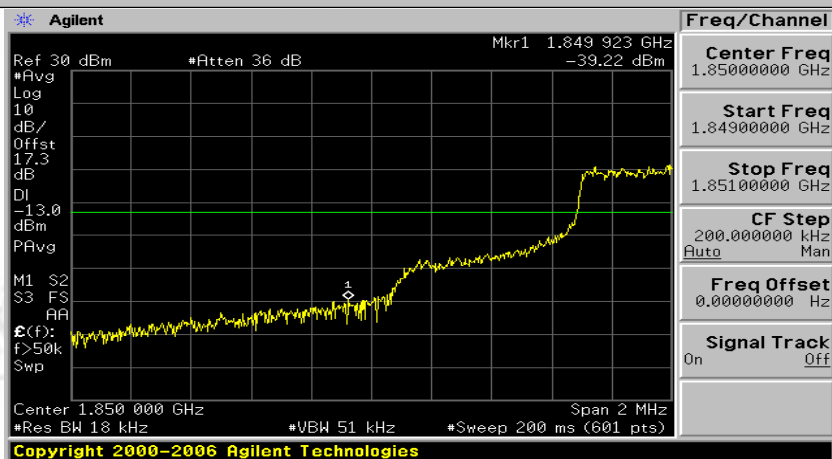
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



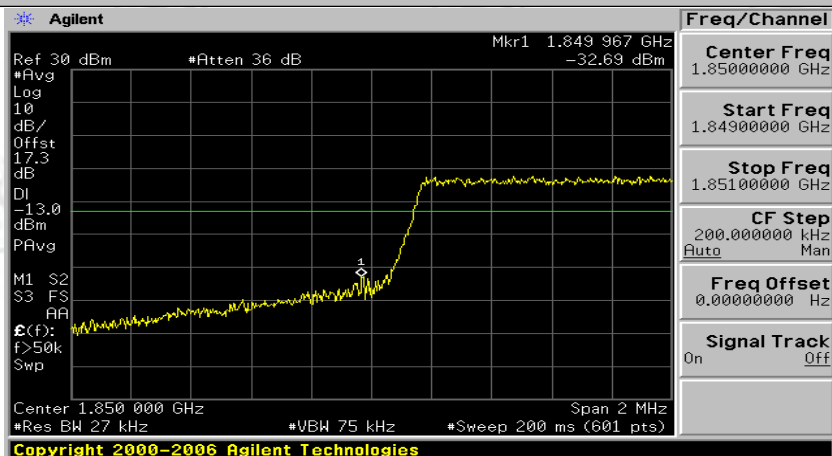
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



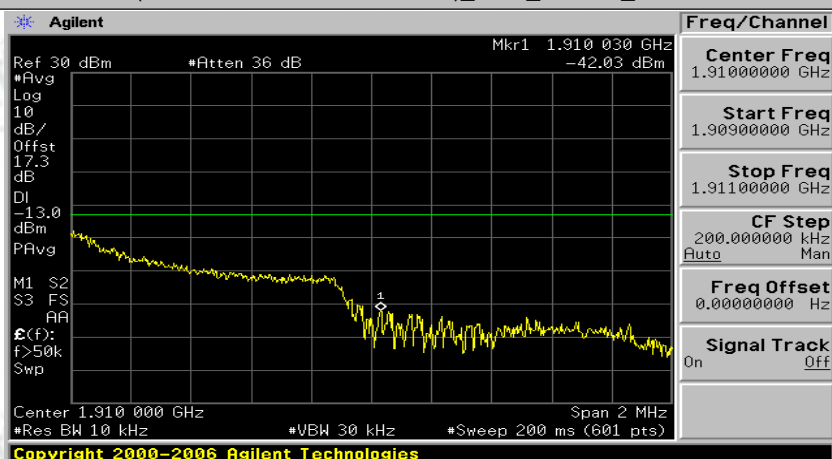
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



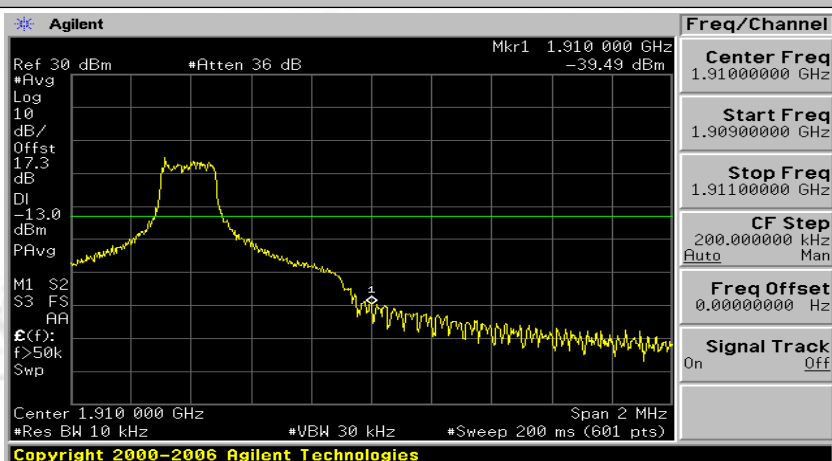
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



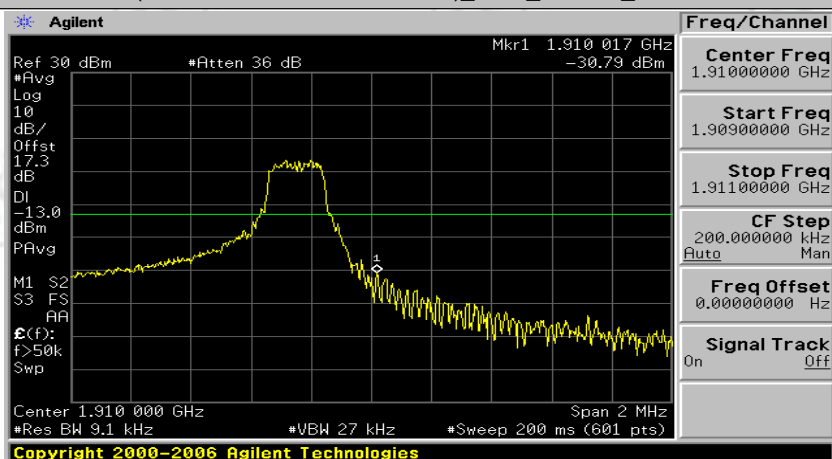
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



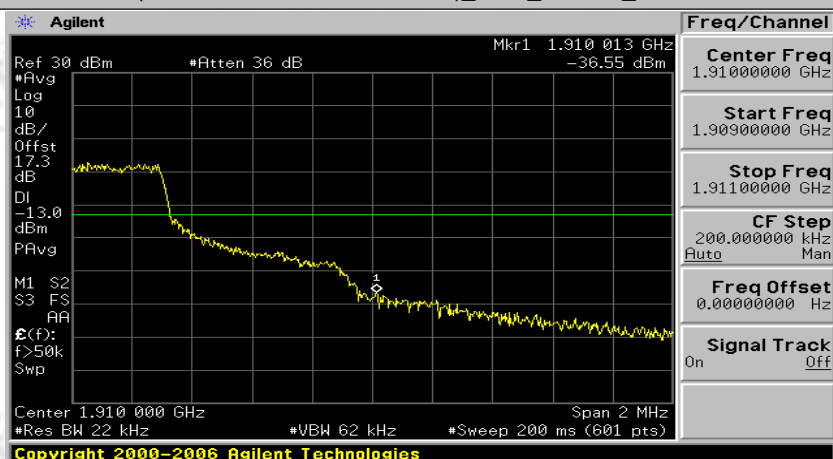
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



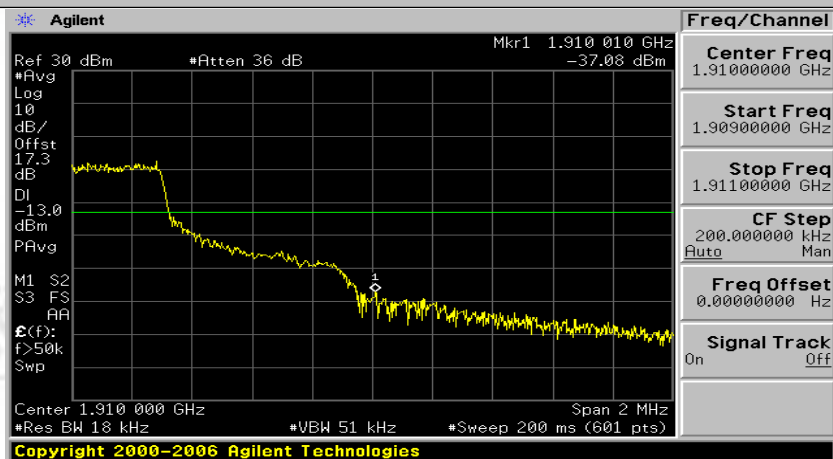
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



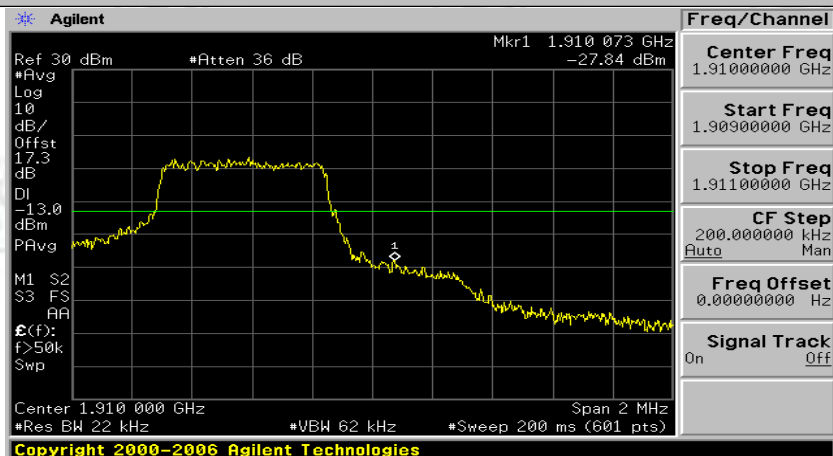
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0

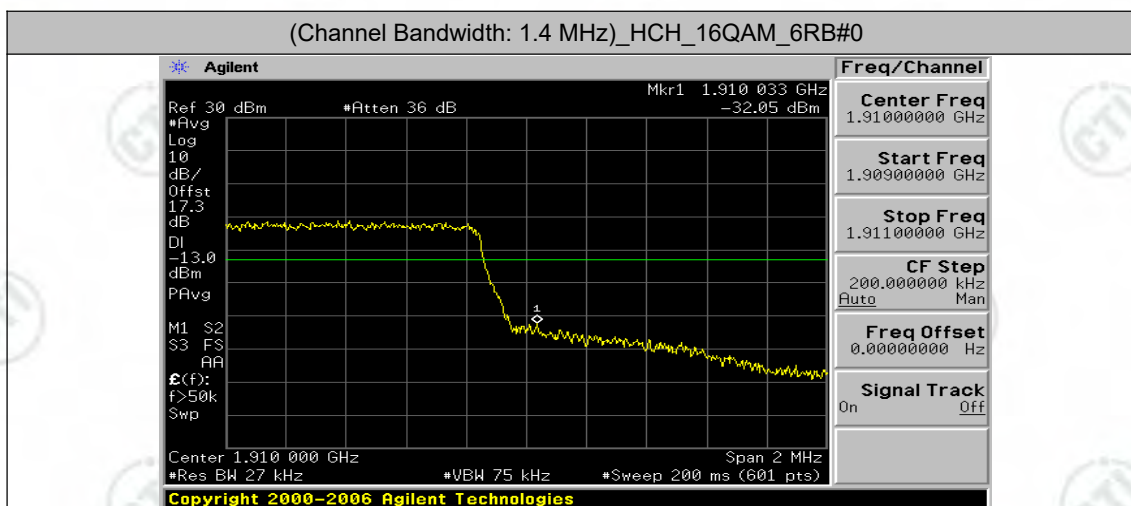


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2

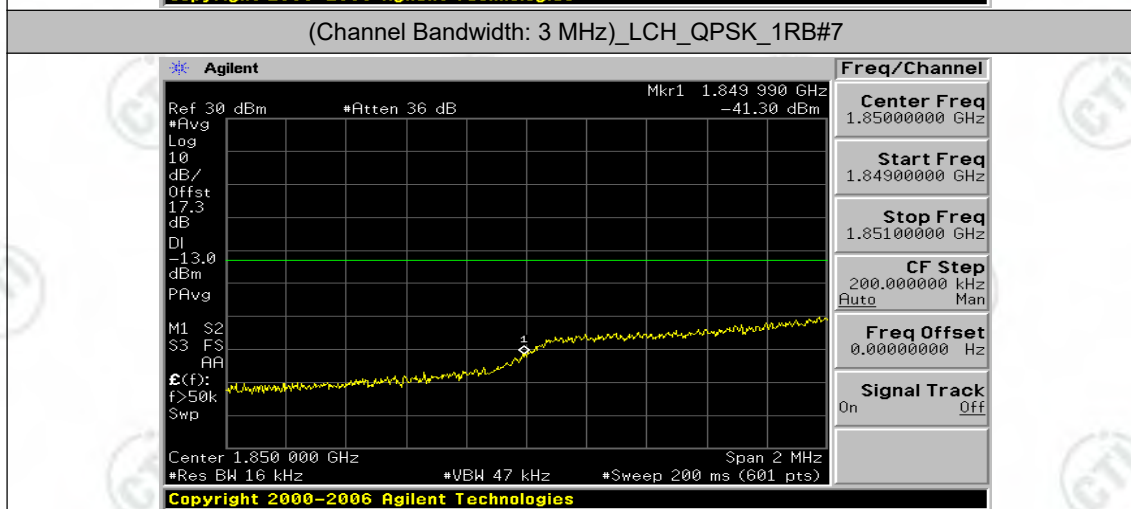
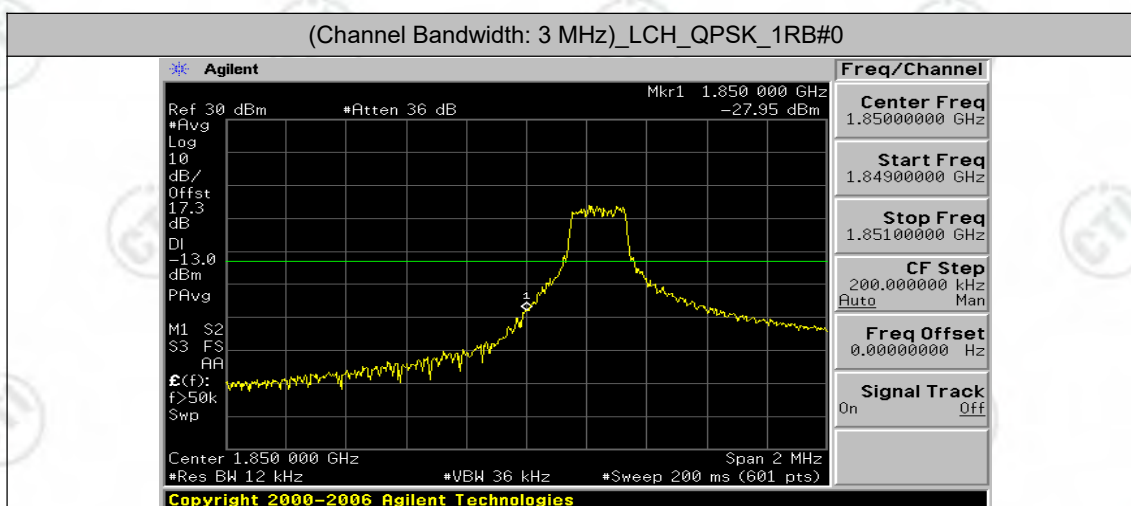


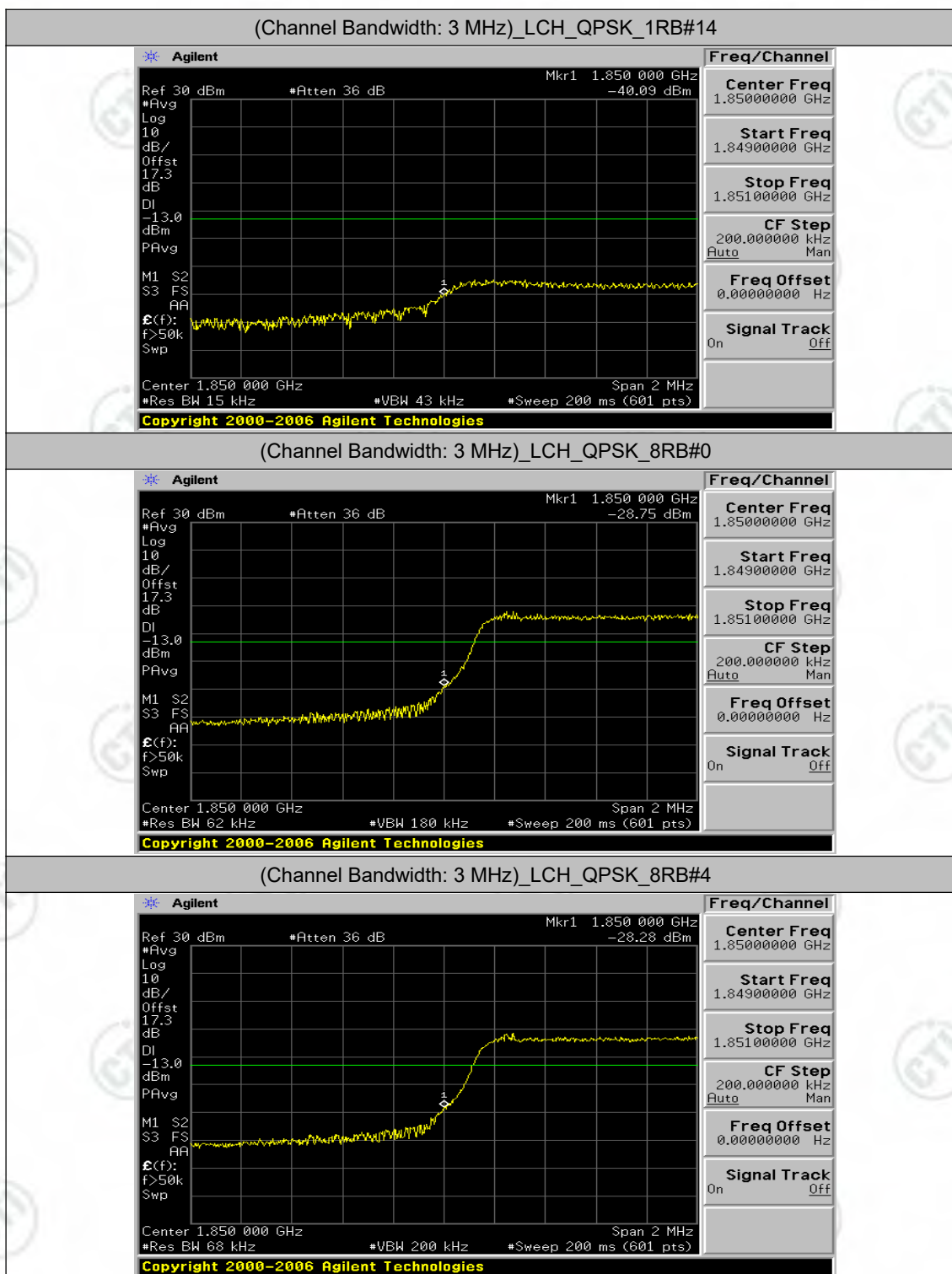
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

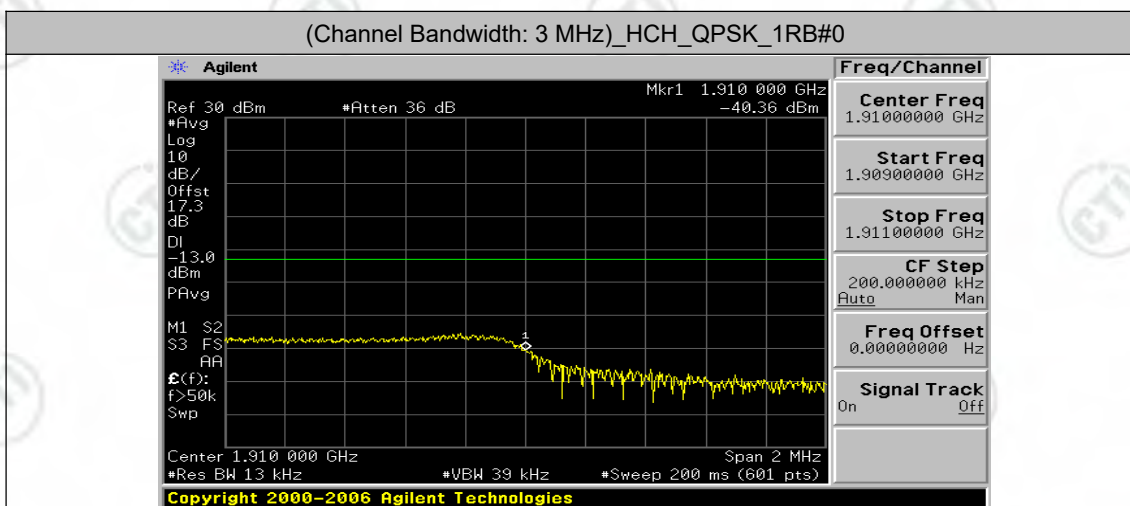
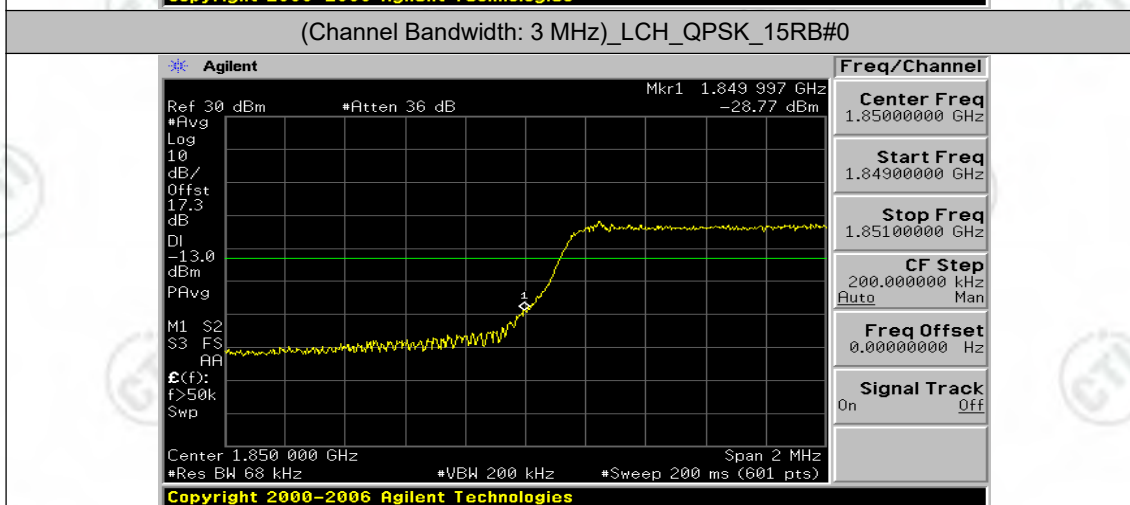
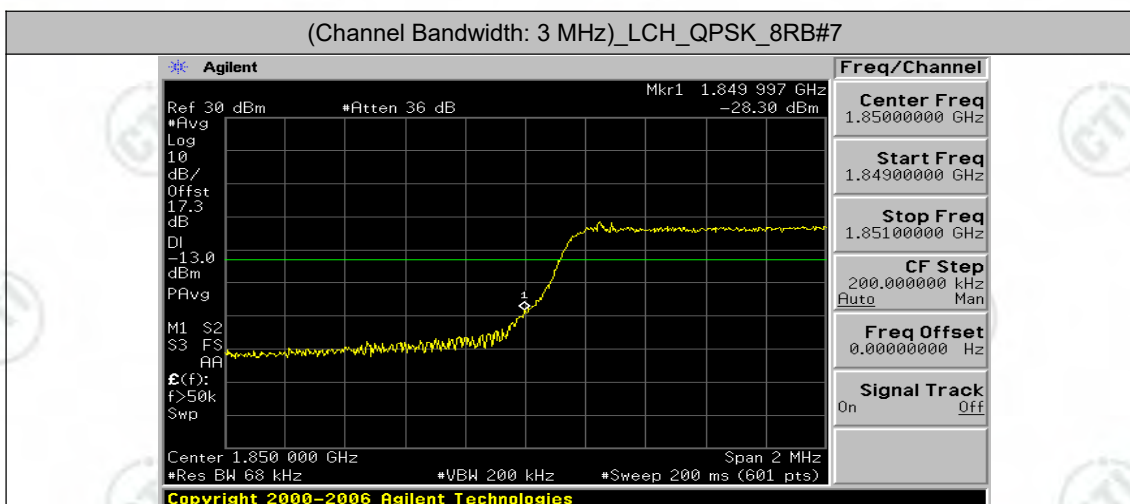




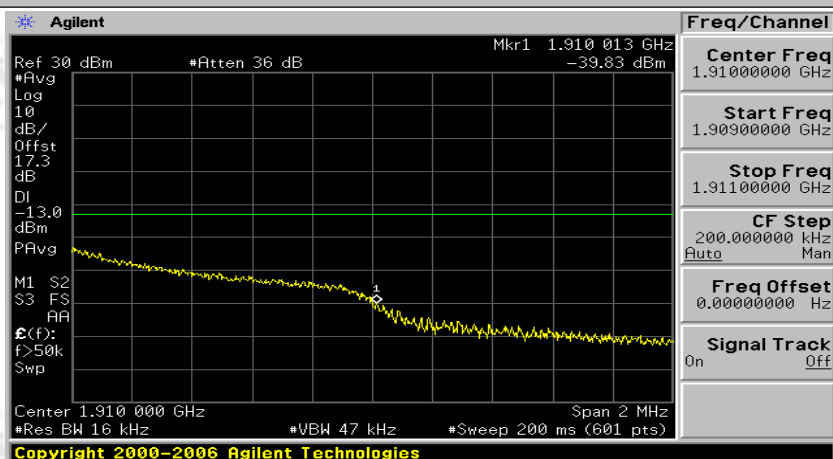
Channel Bandwidth: 3 MHz



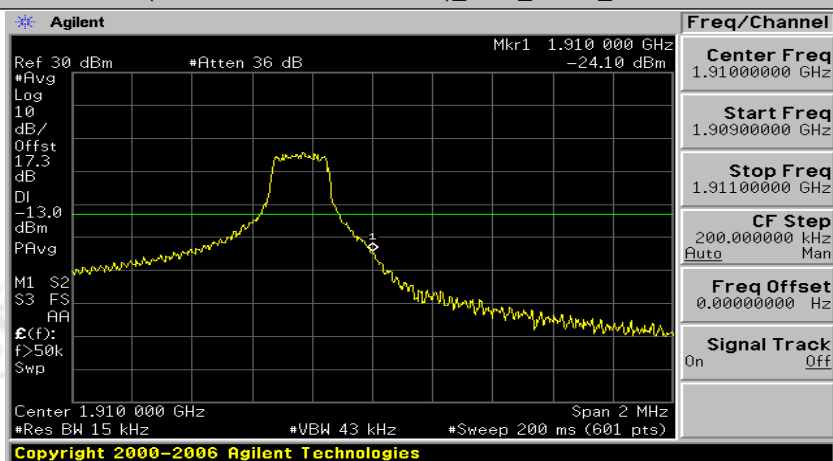




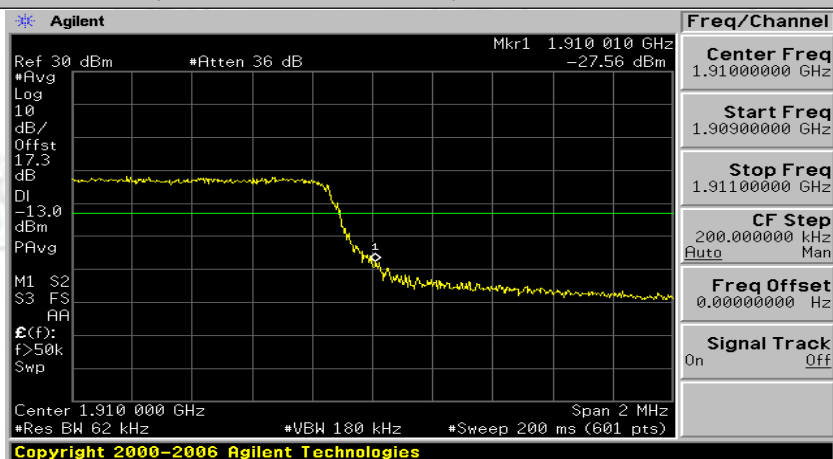
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7

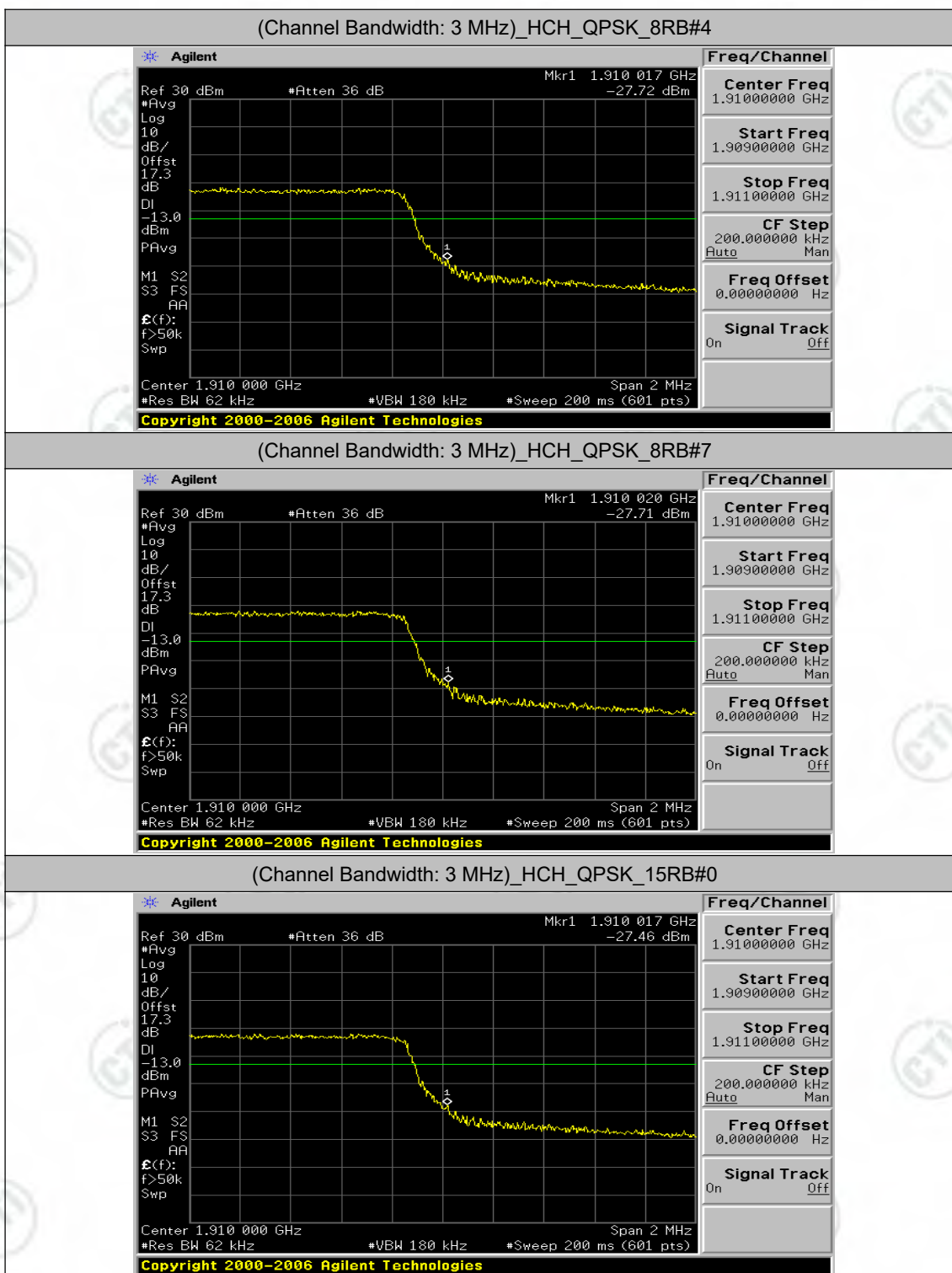


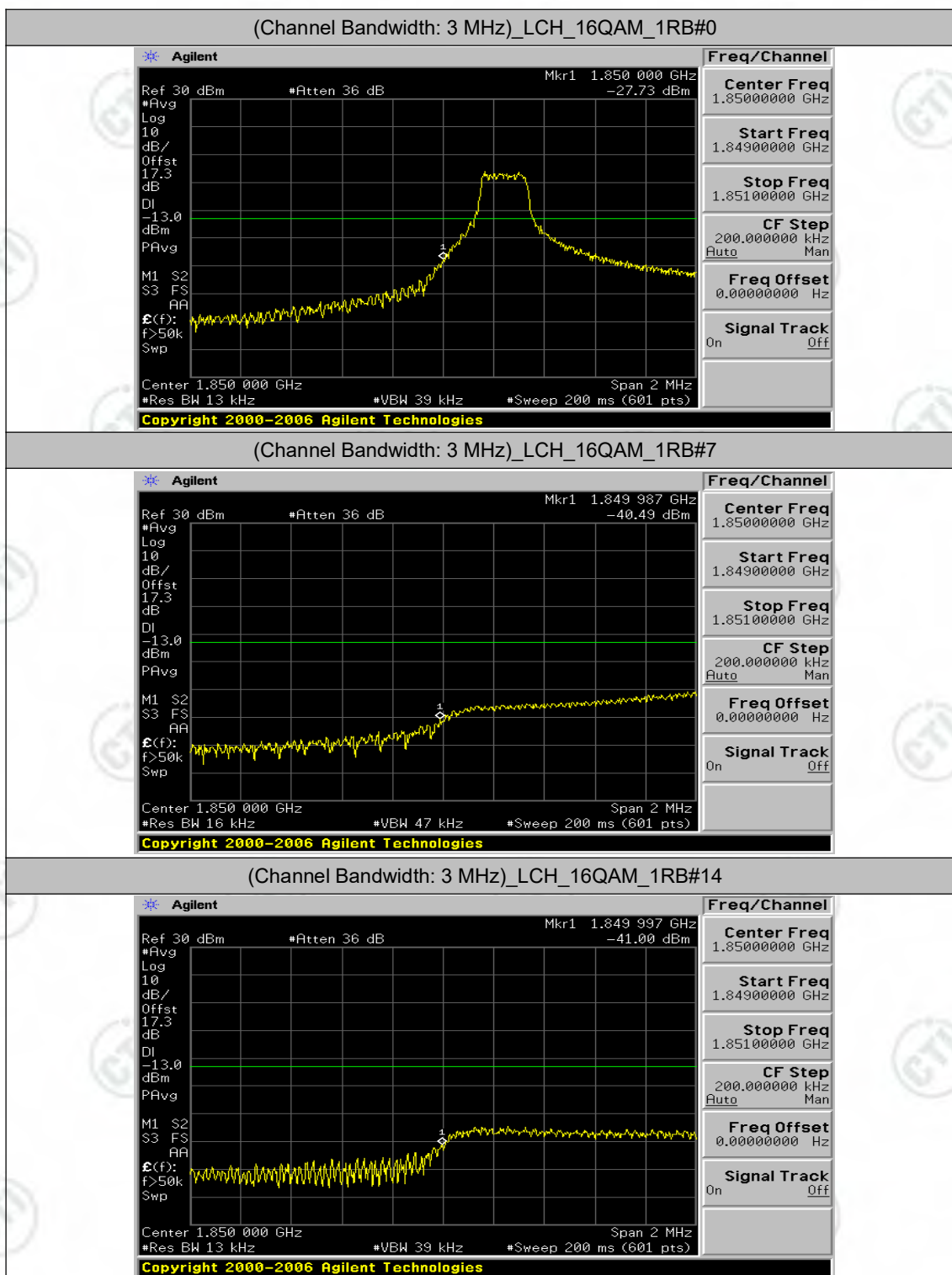
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14

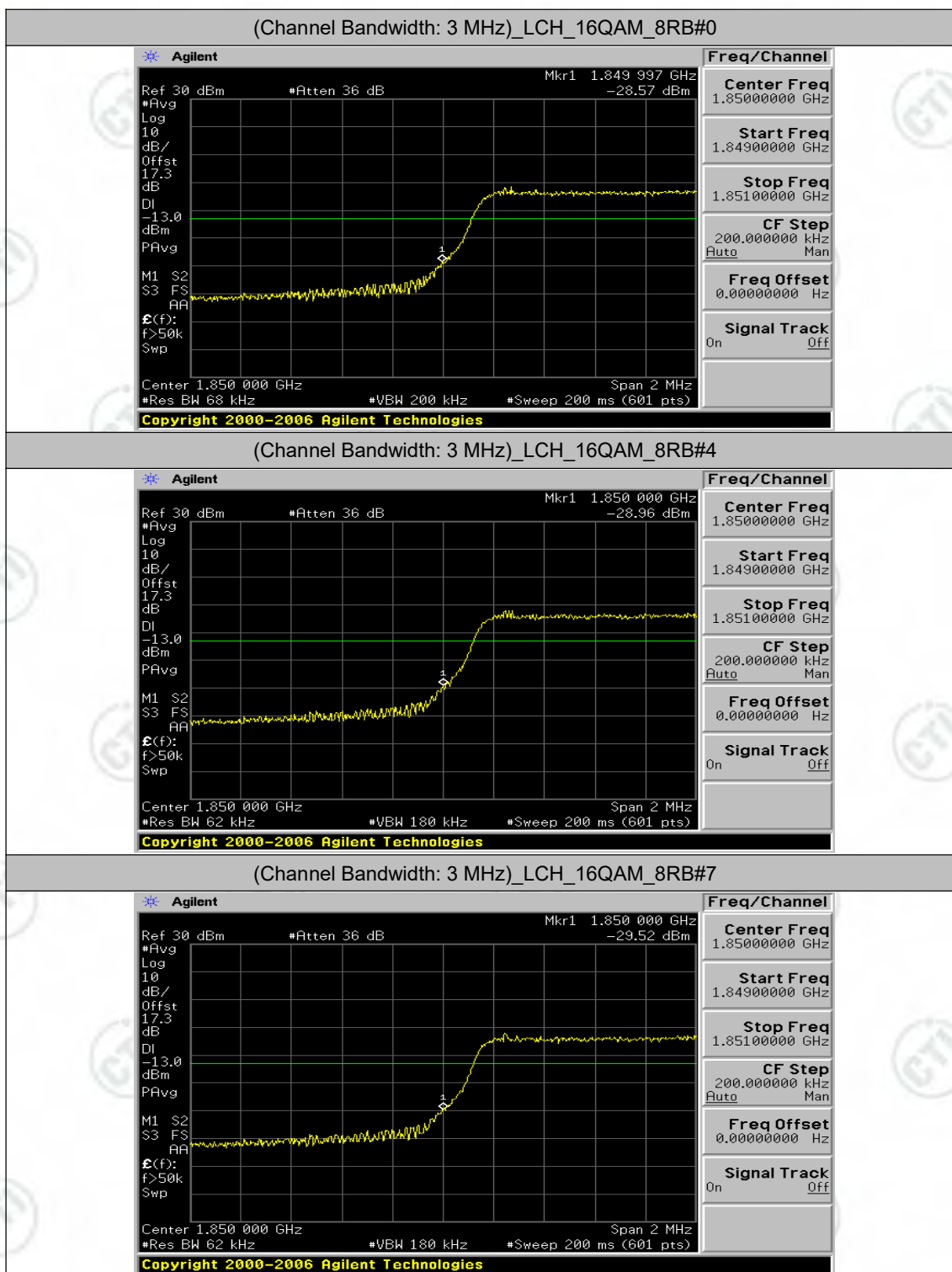


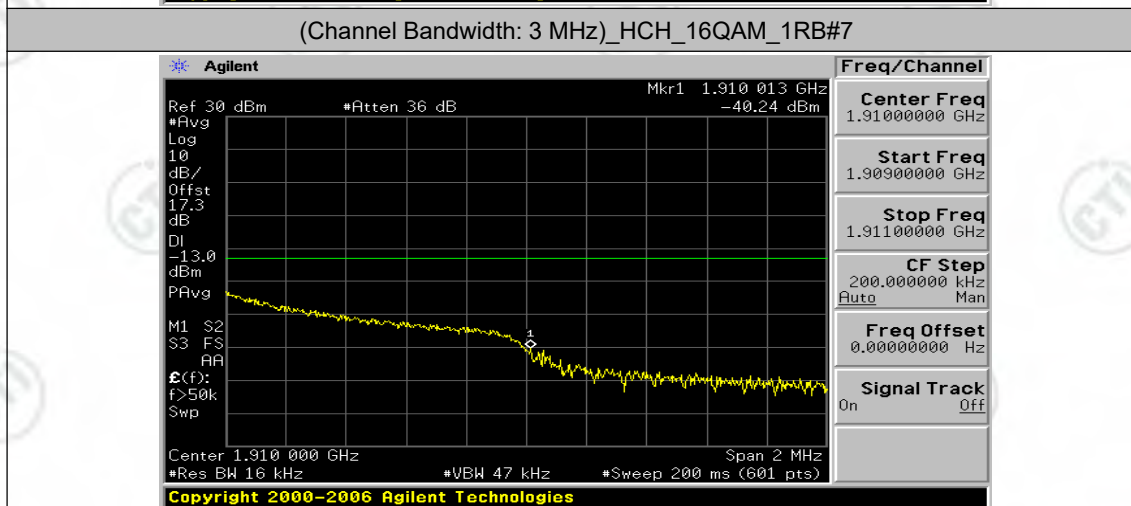
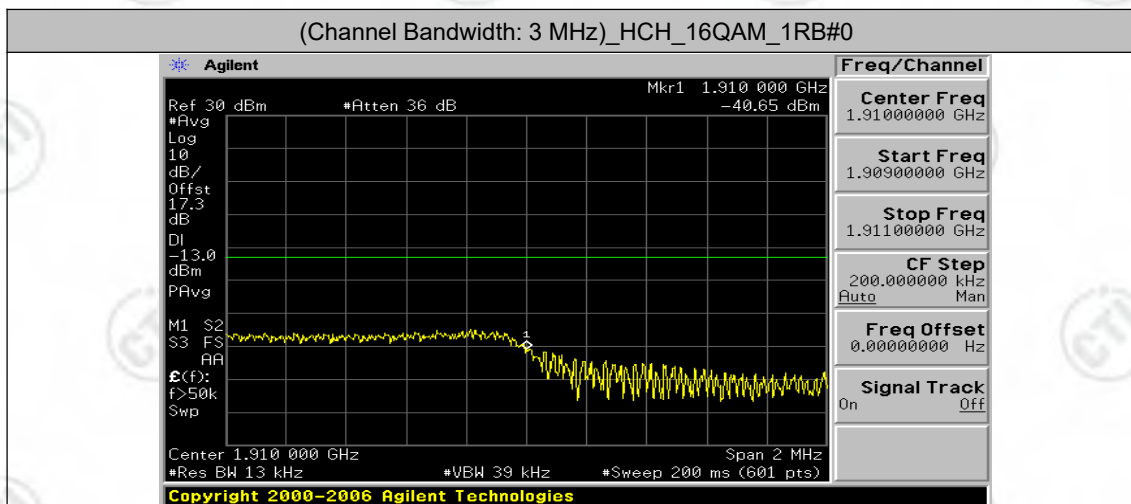
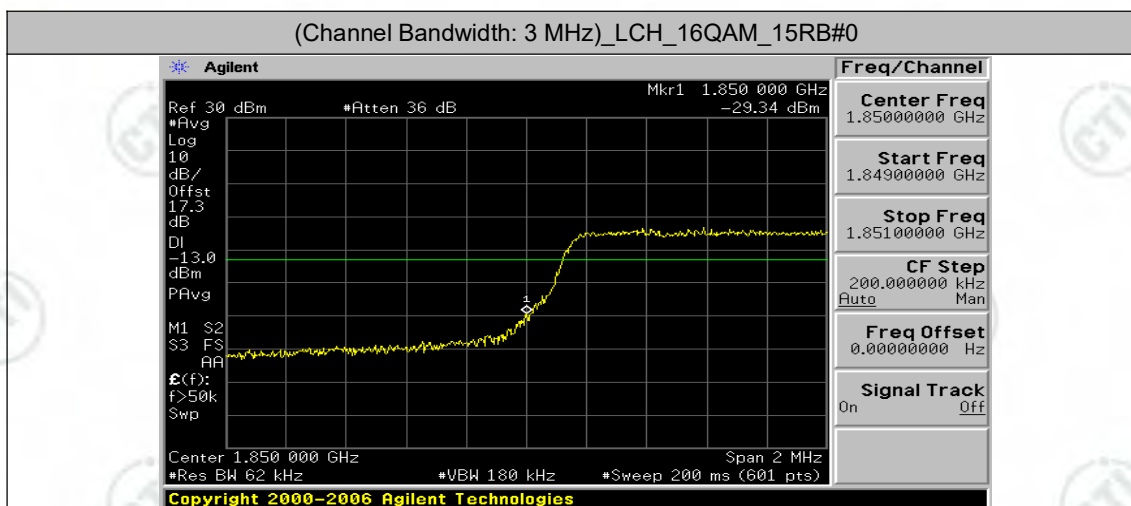
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



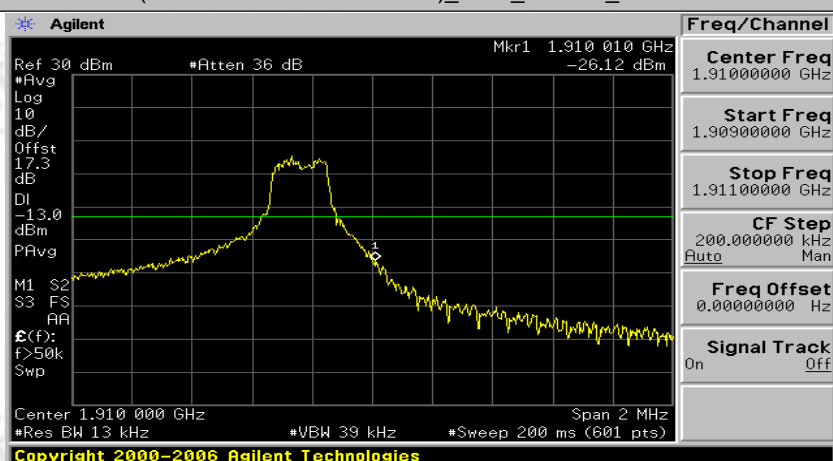




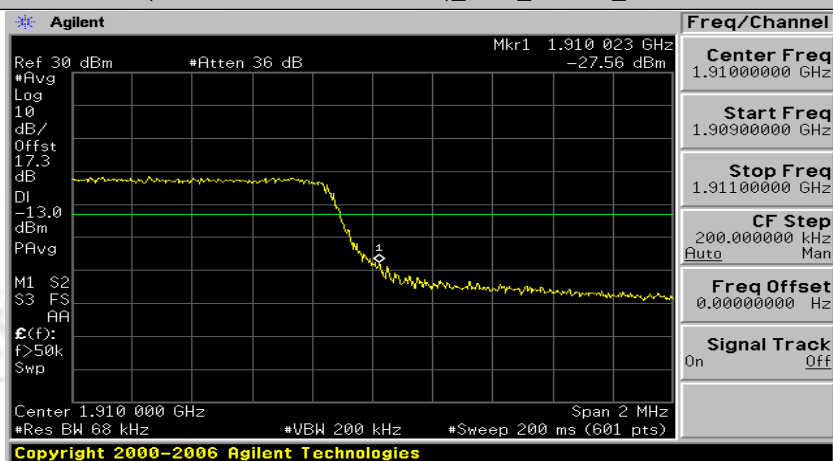




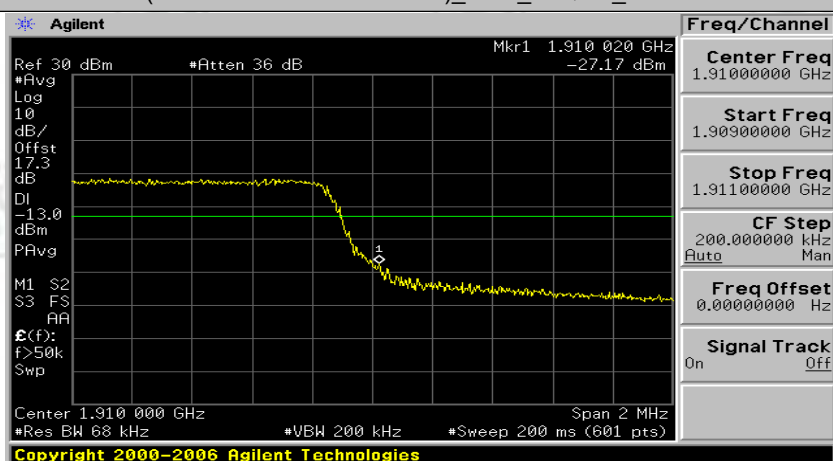
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14

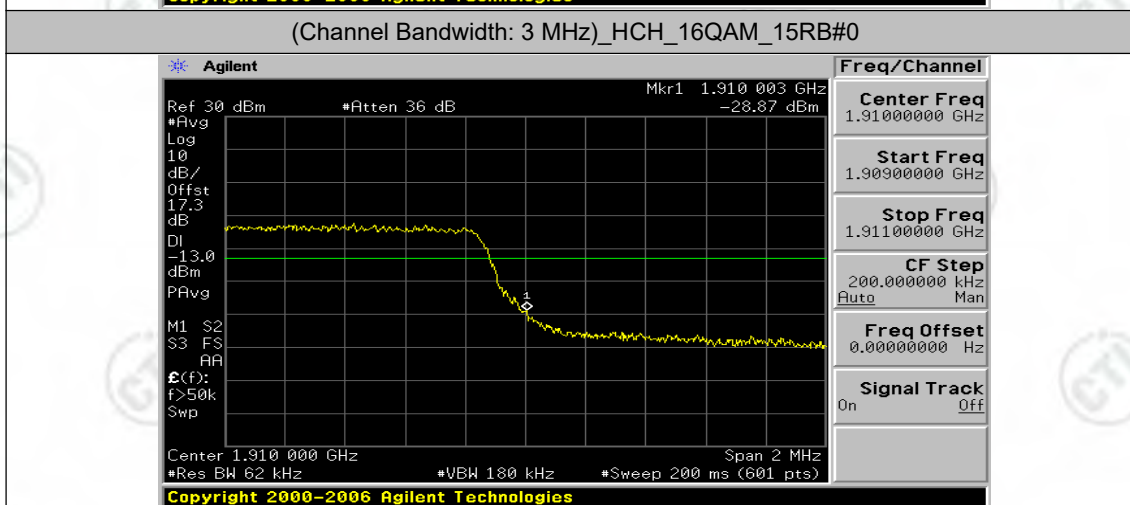
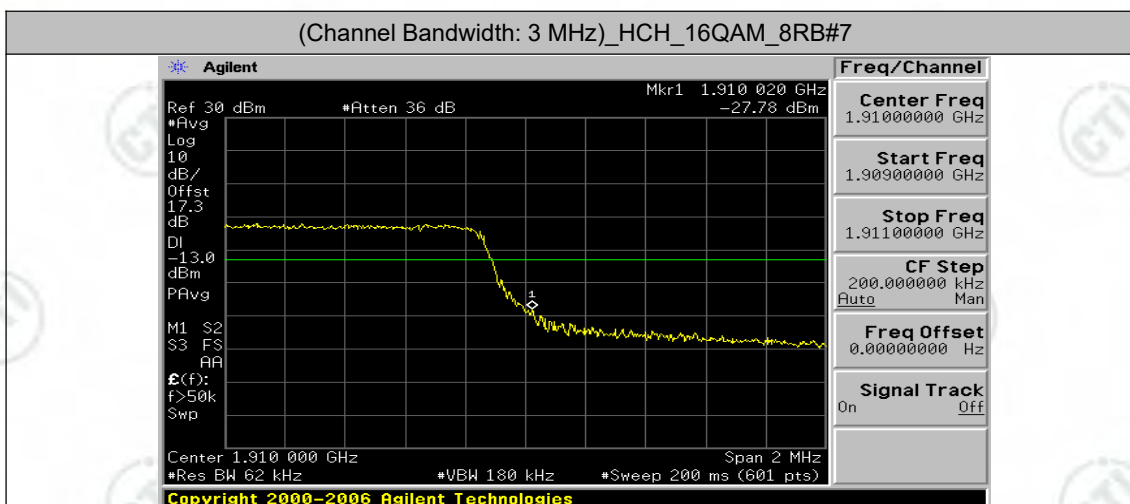


(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0

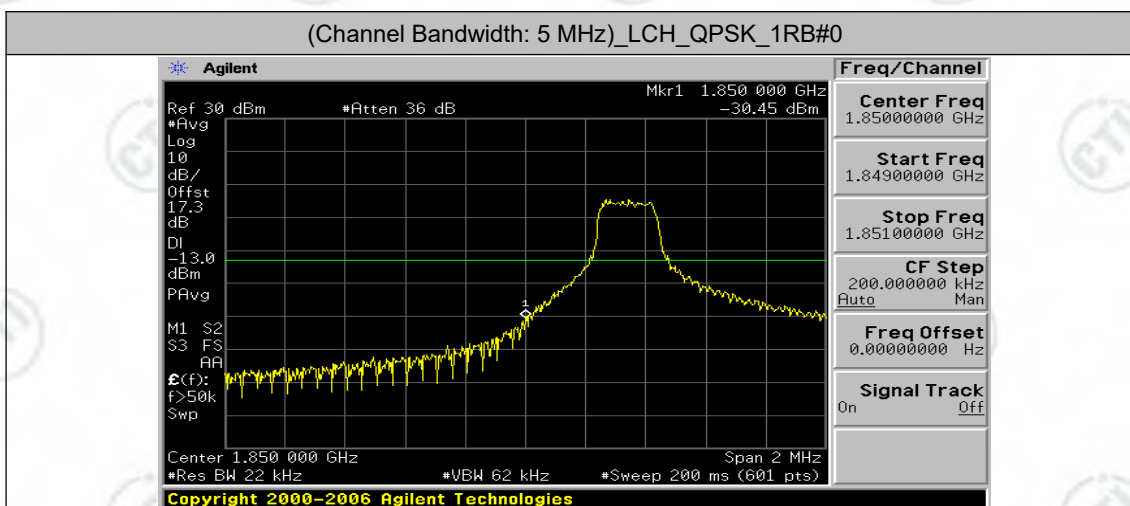


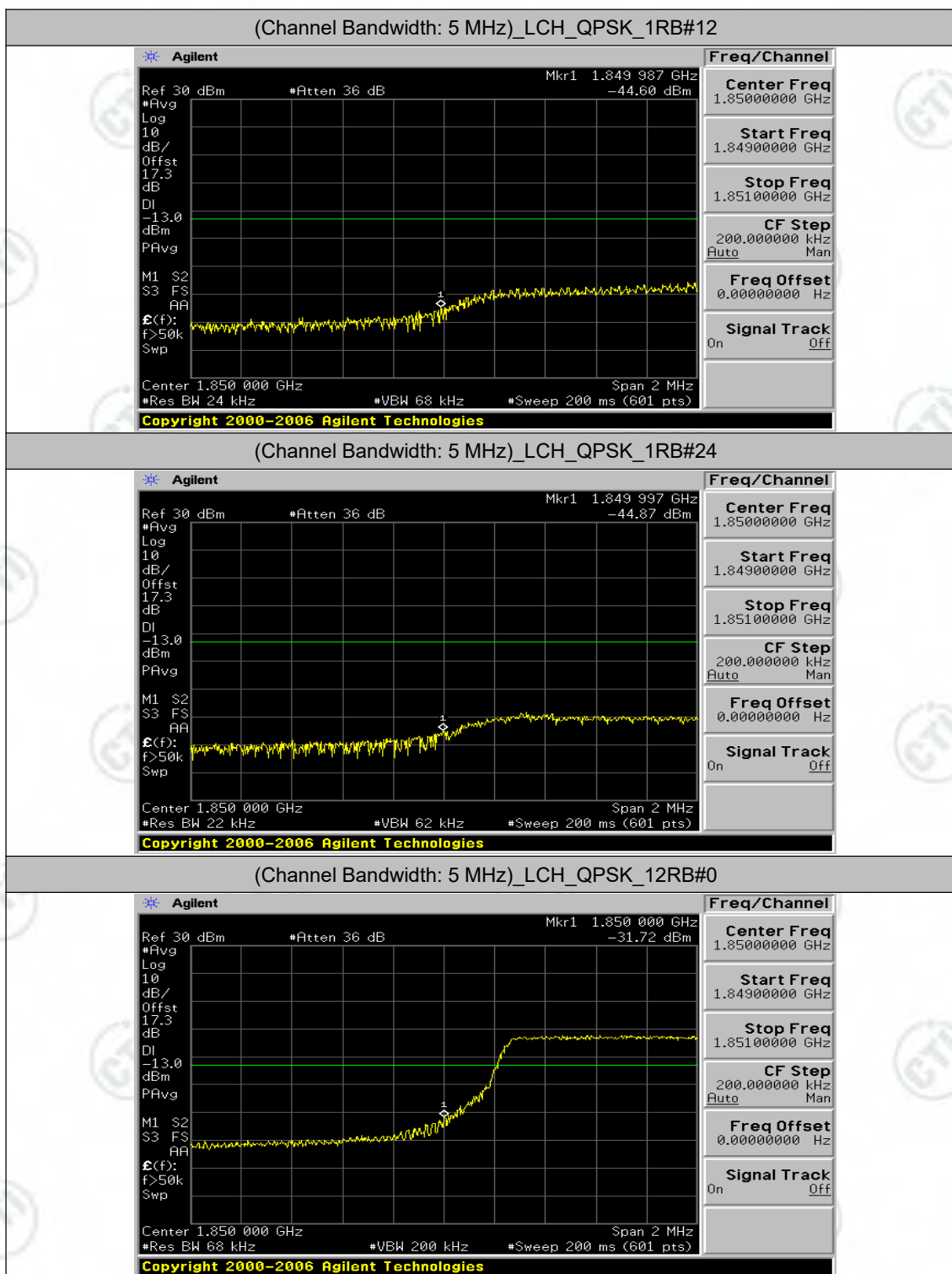
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4

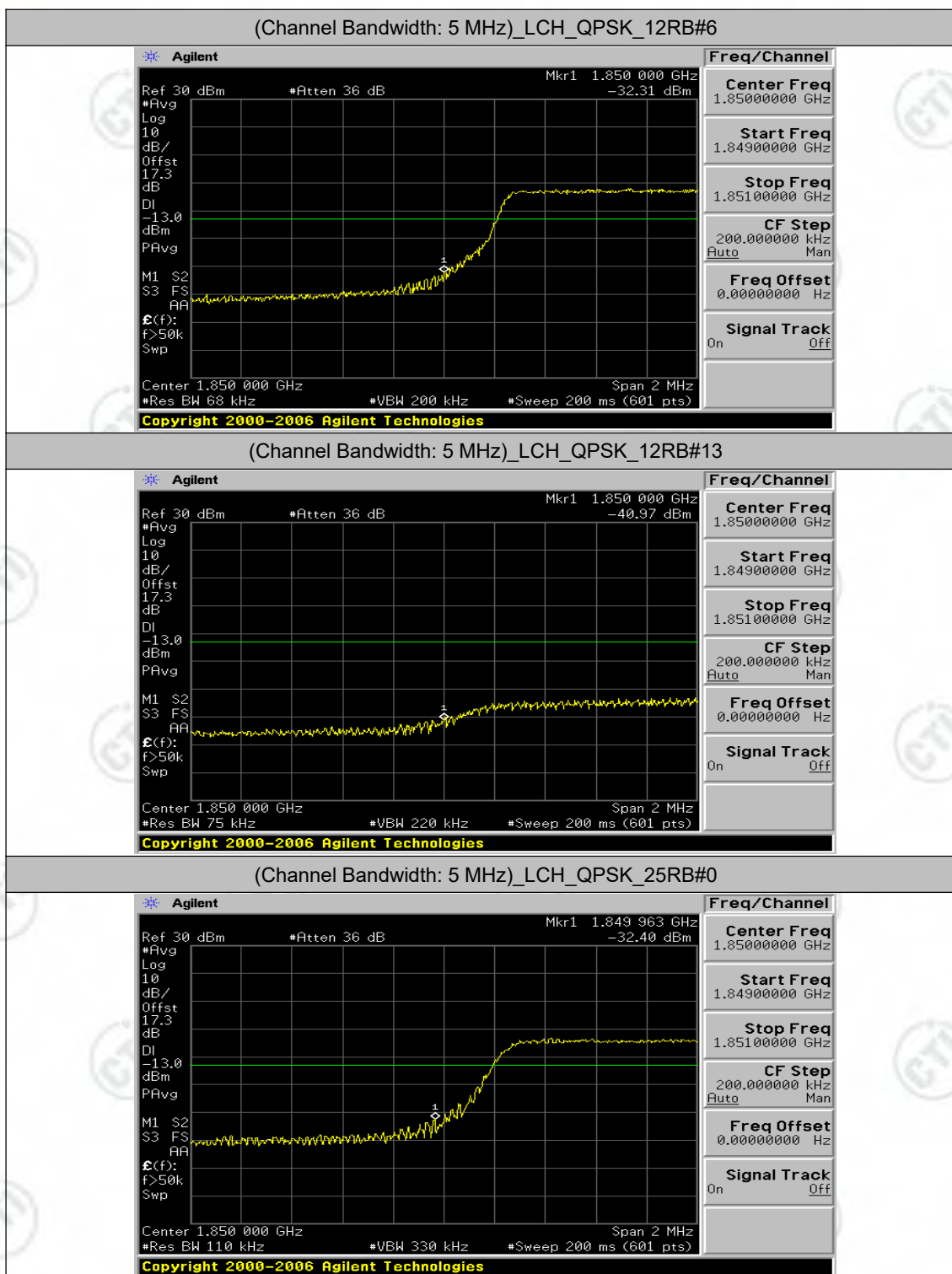


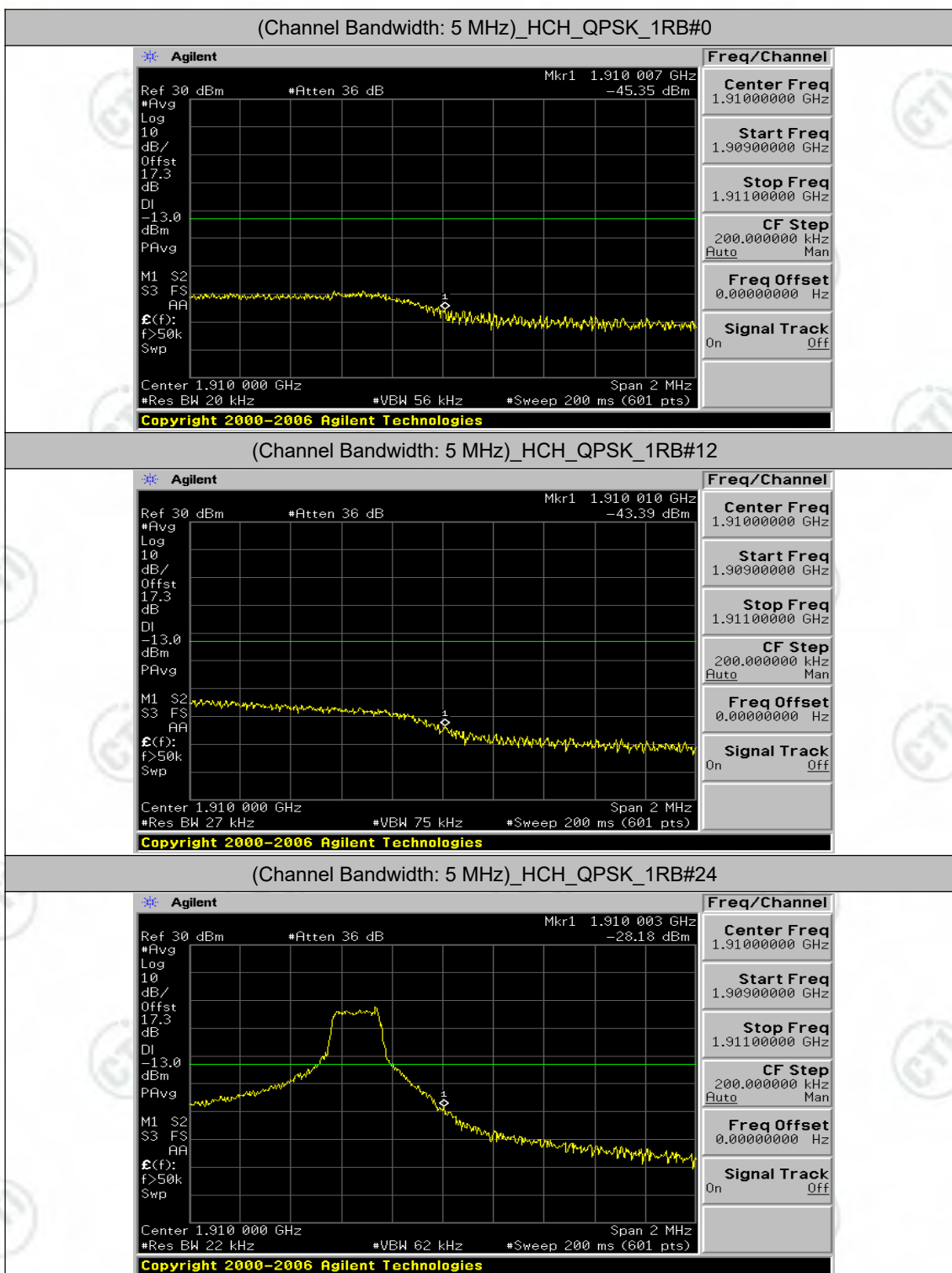


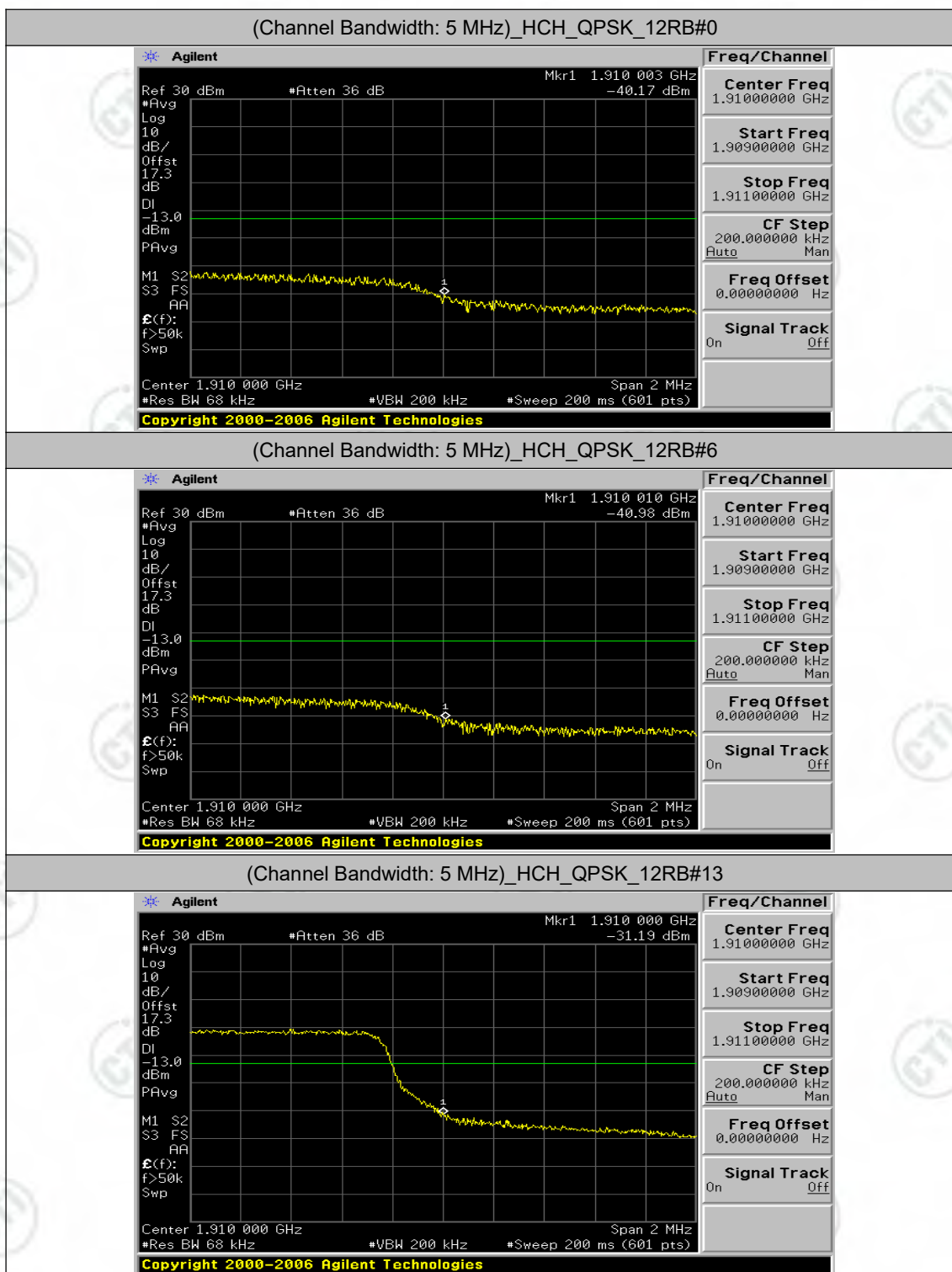
Channel Bandwidth: 5 MHz

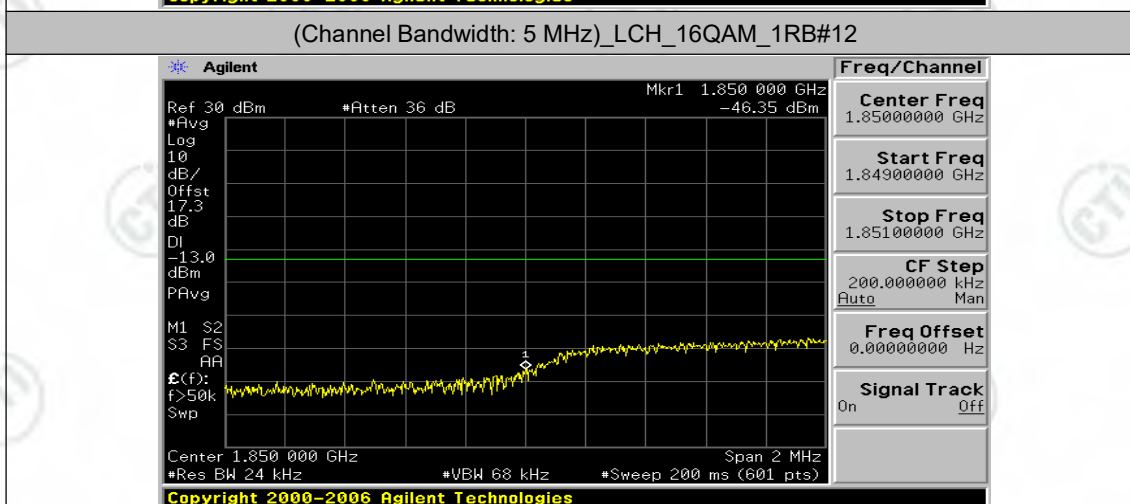
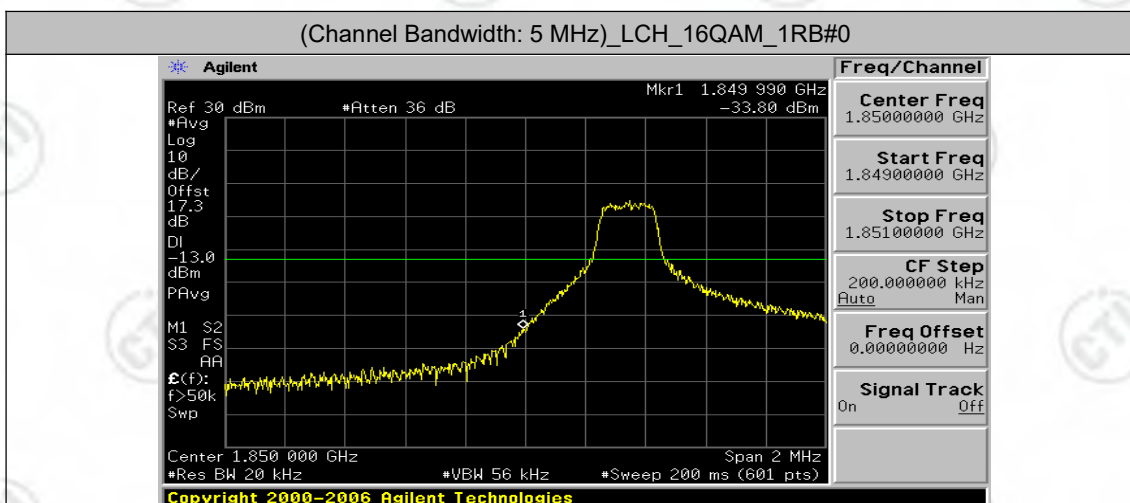
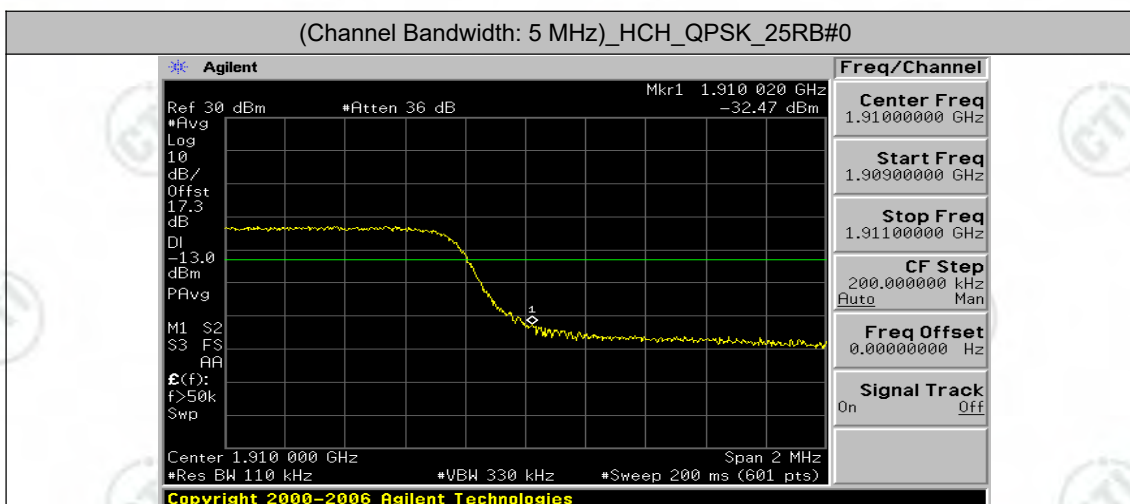


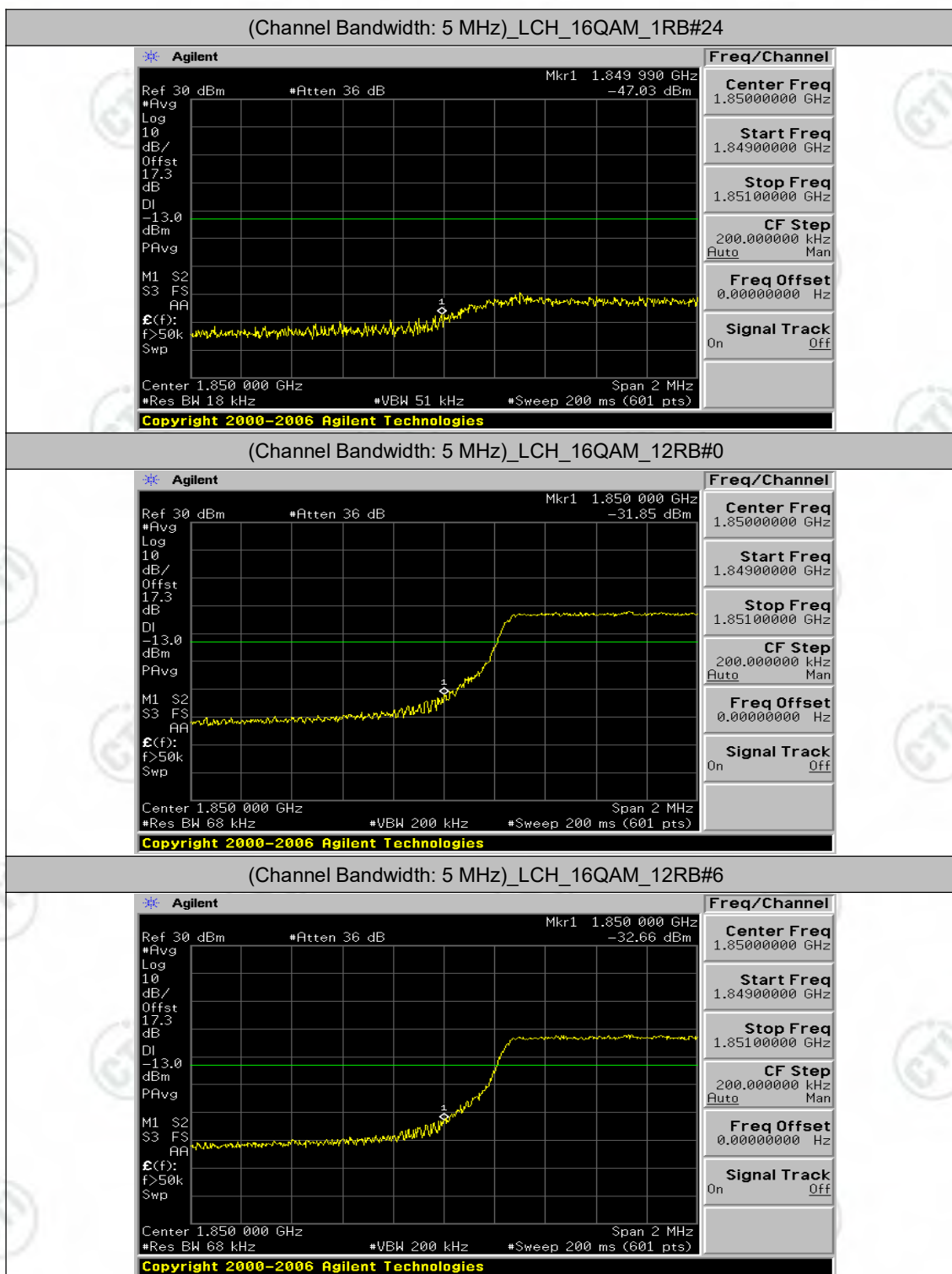




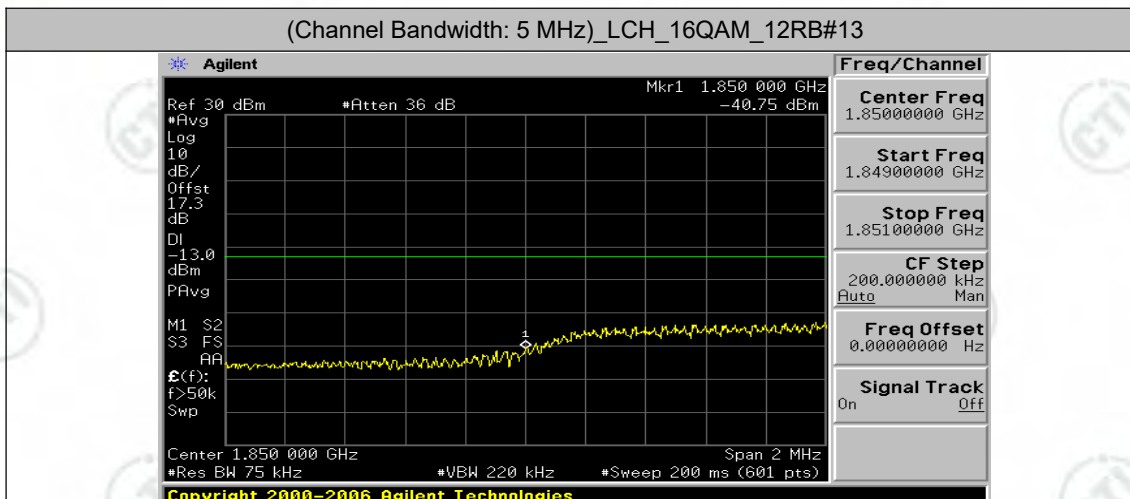




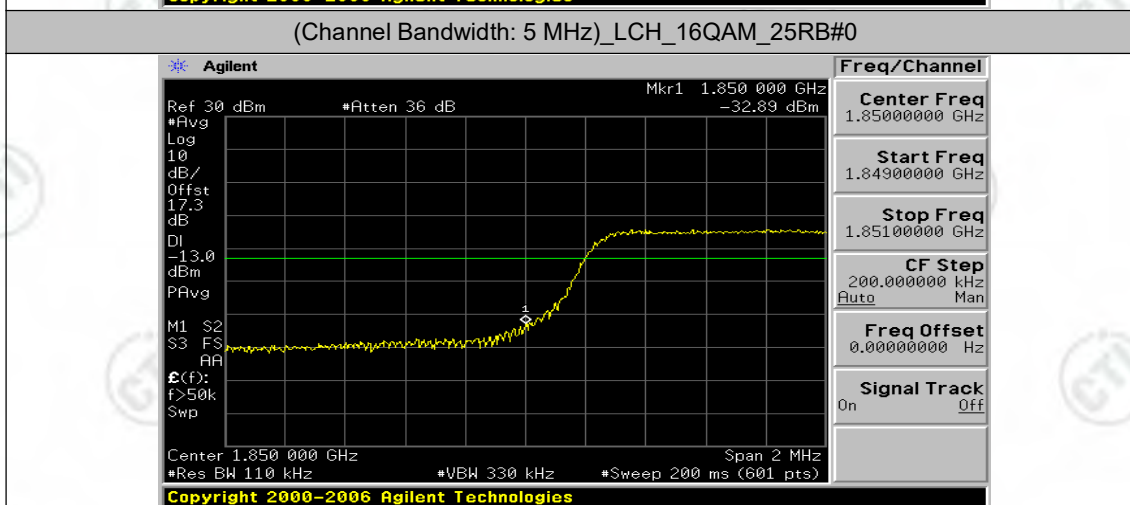




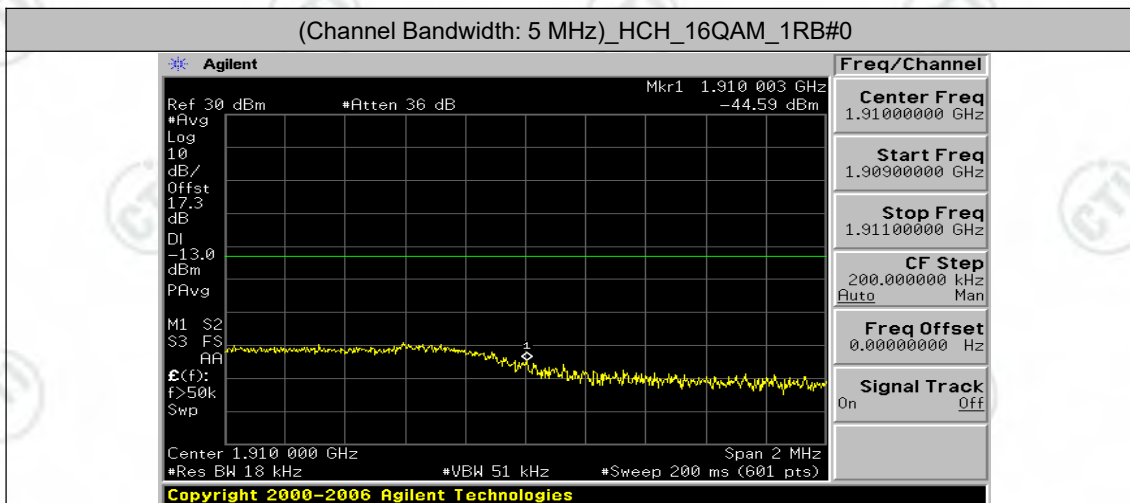
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13

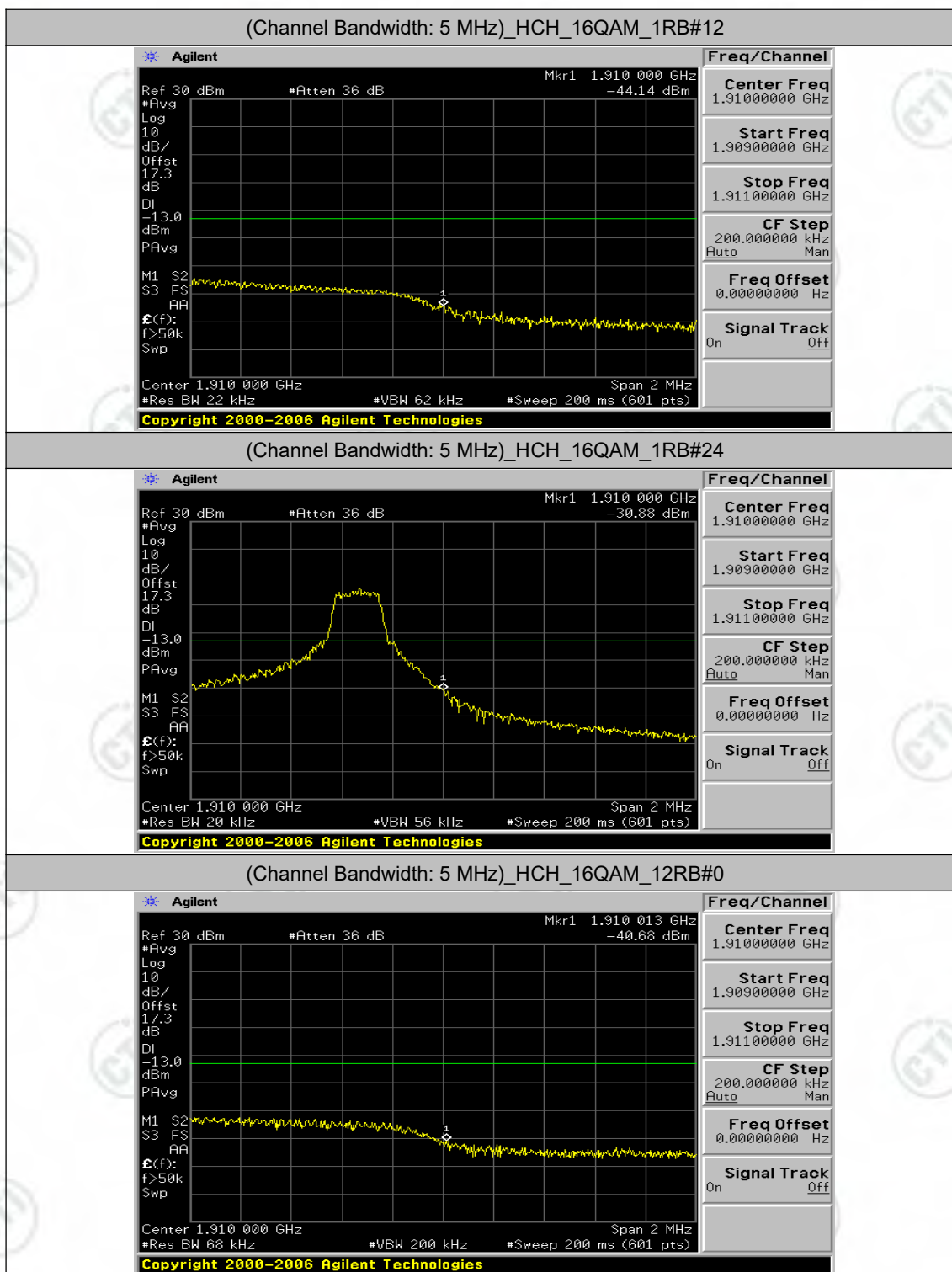


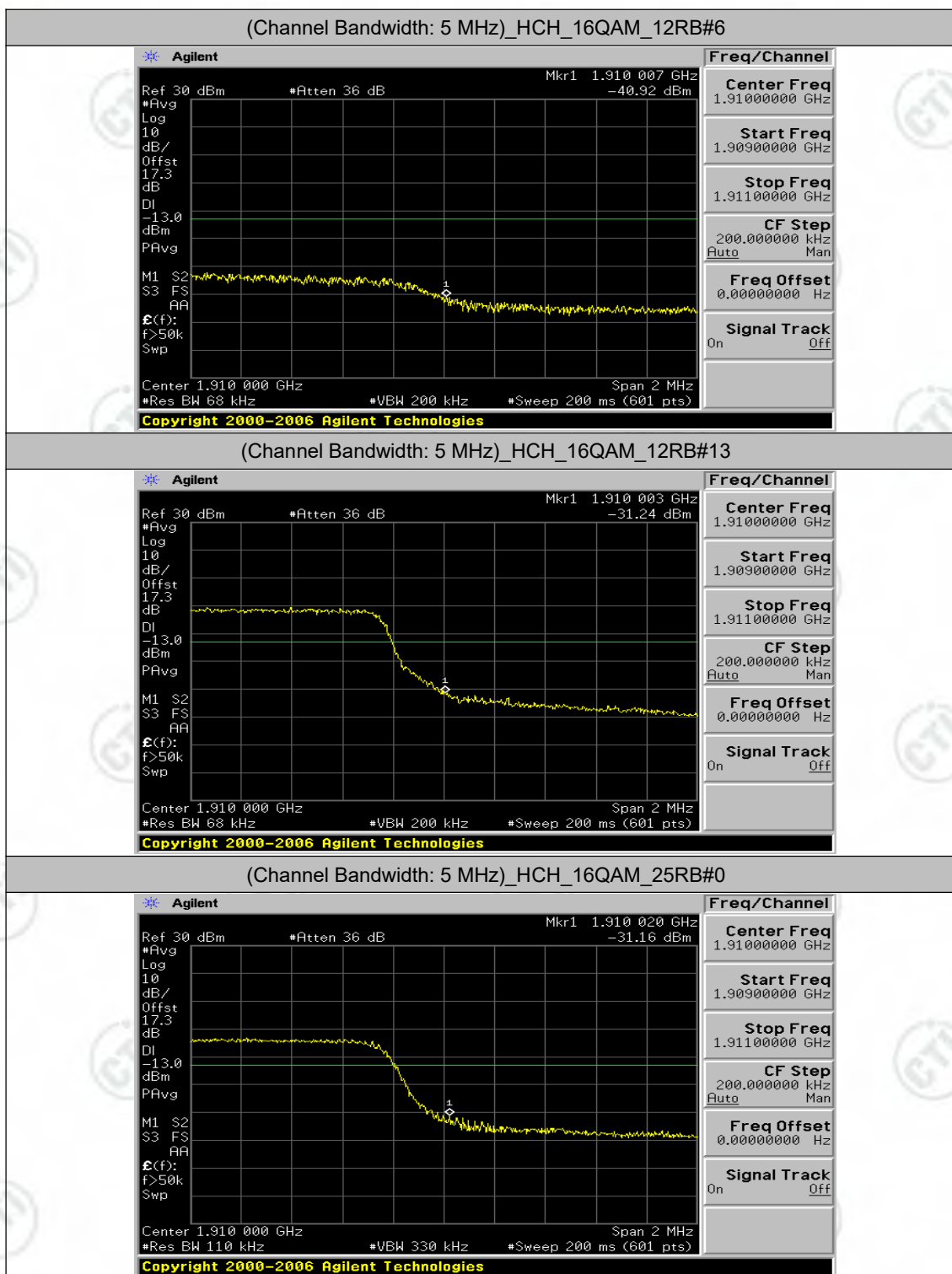
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



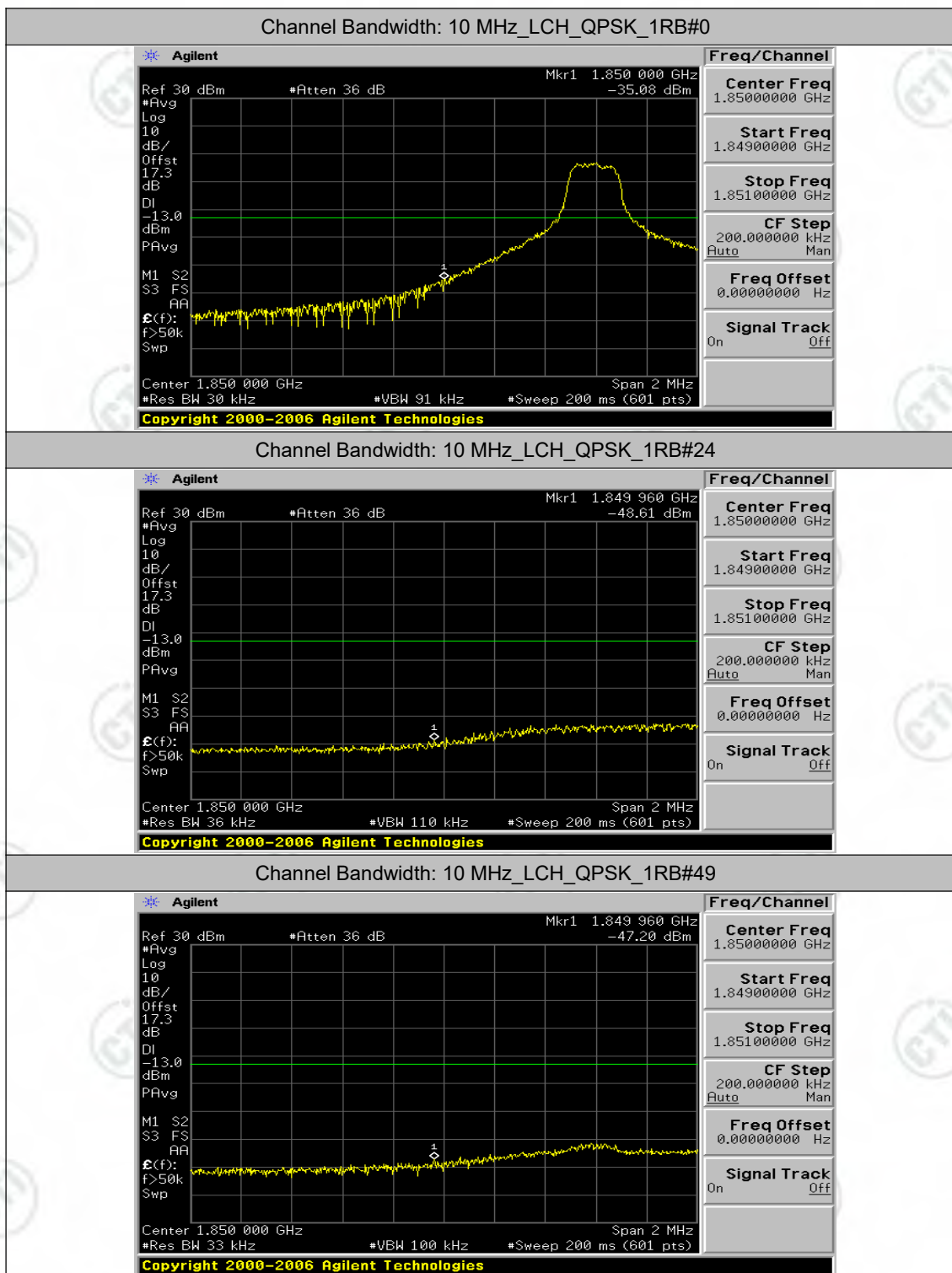
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

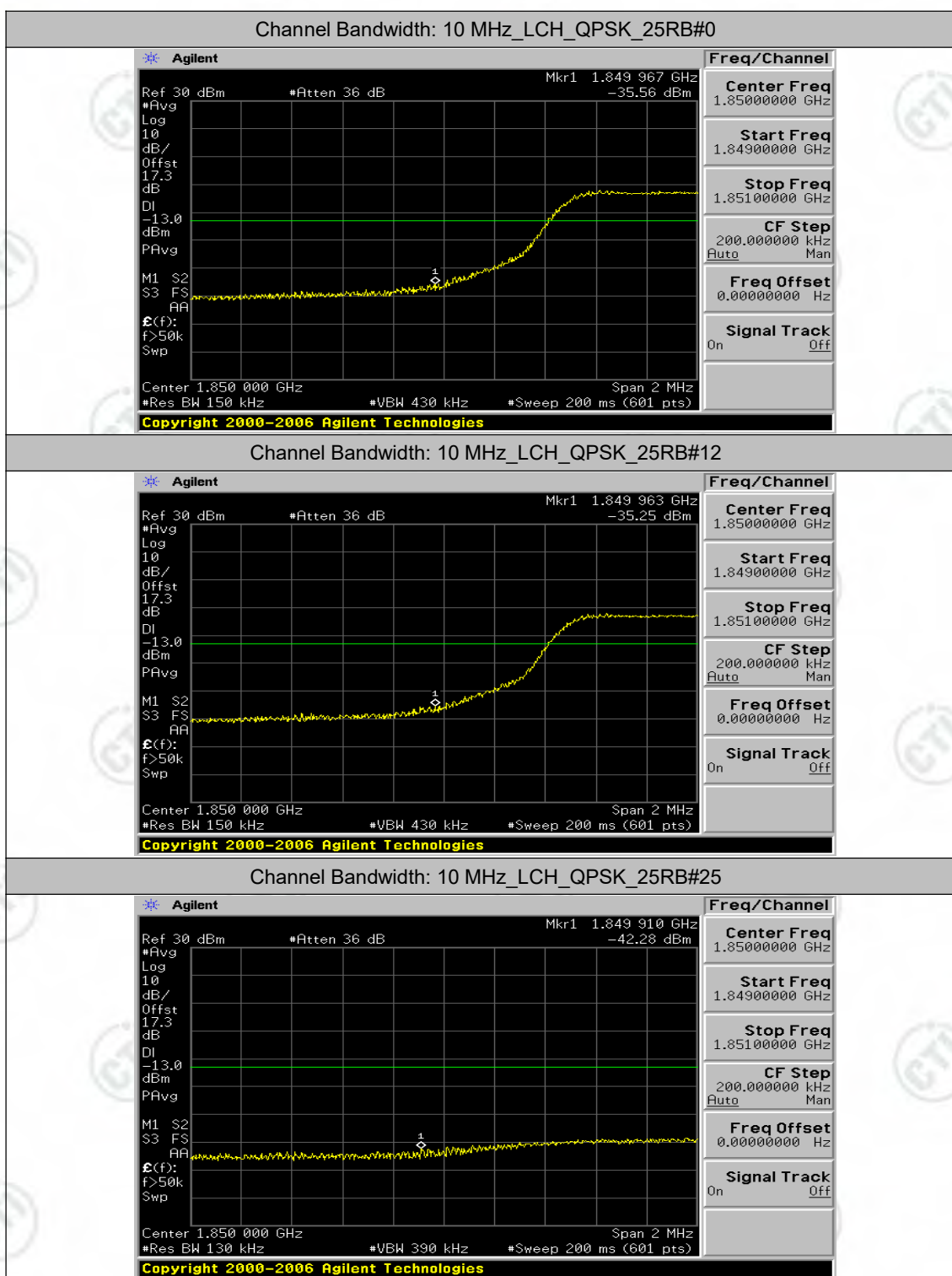


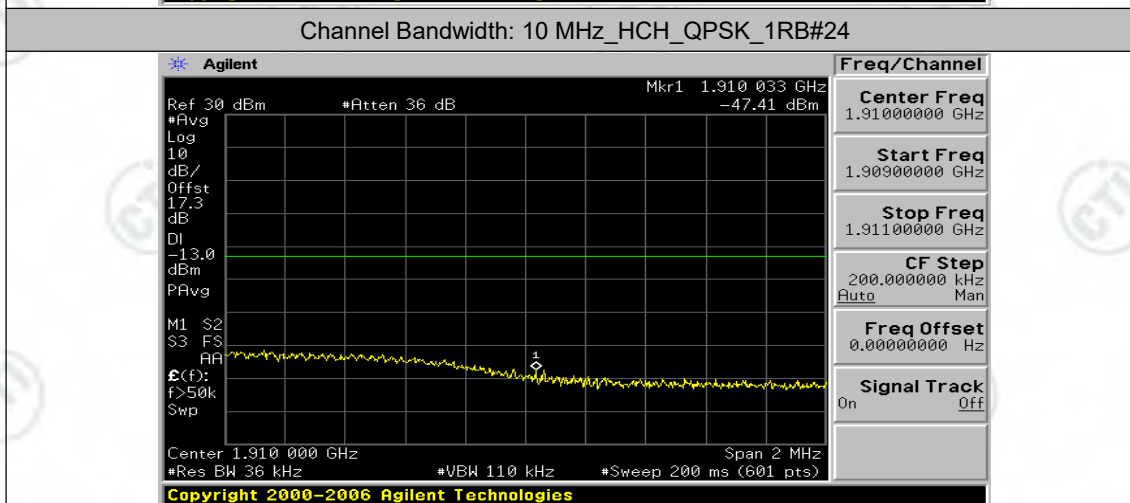
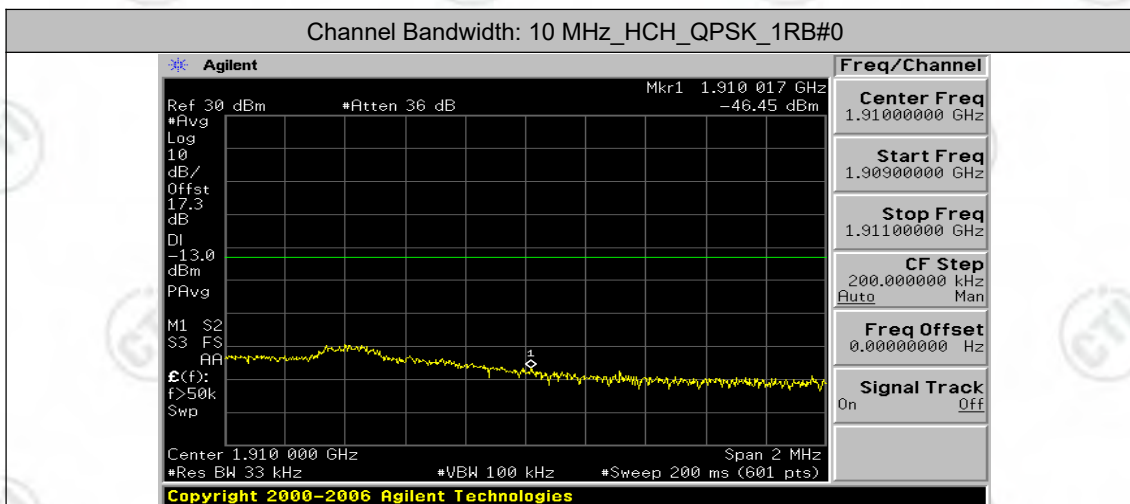
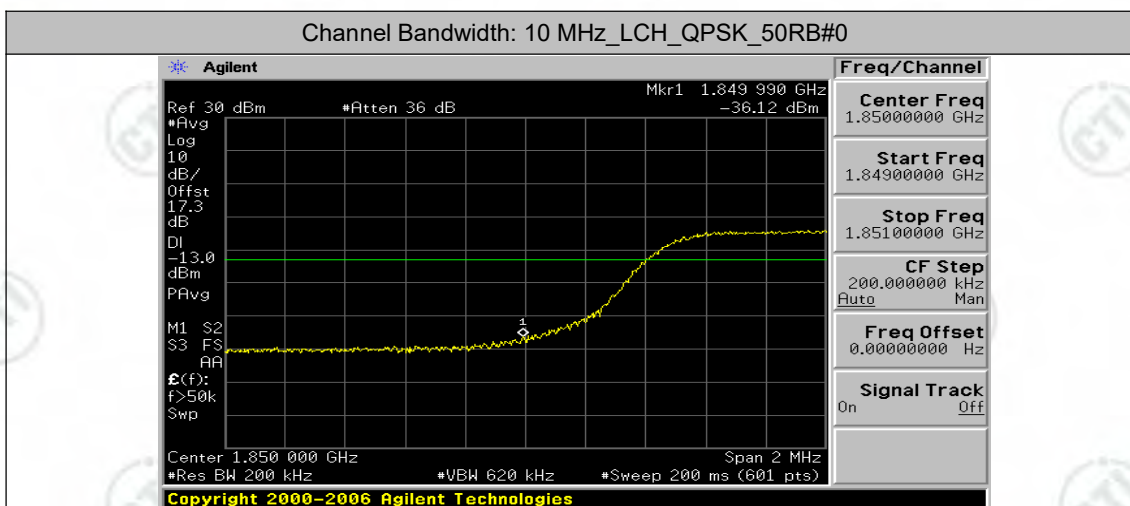


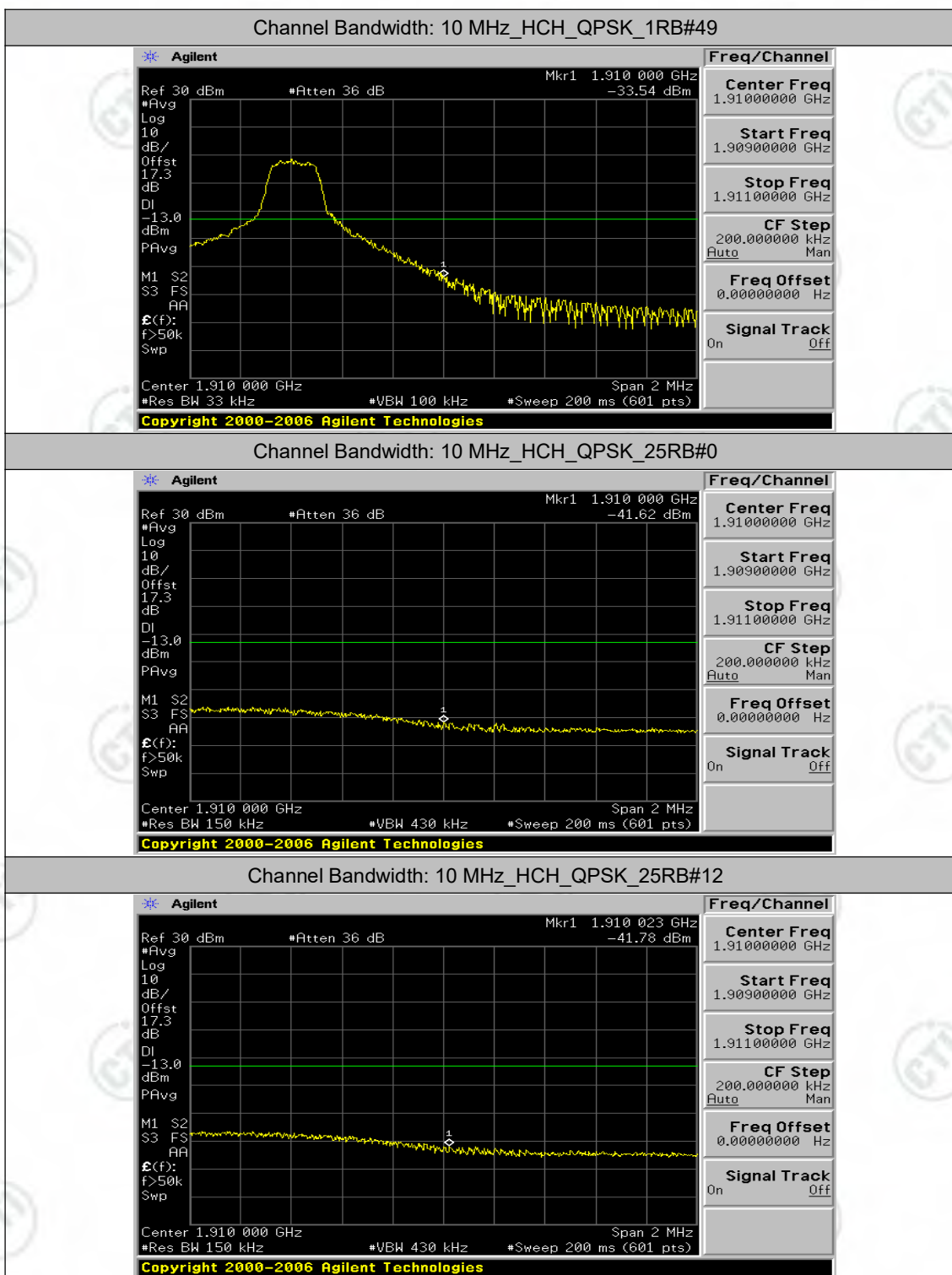


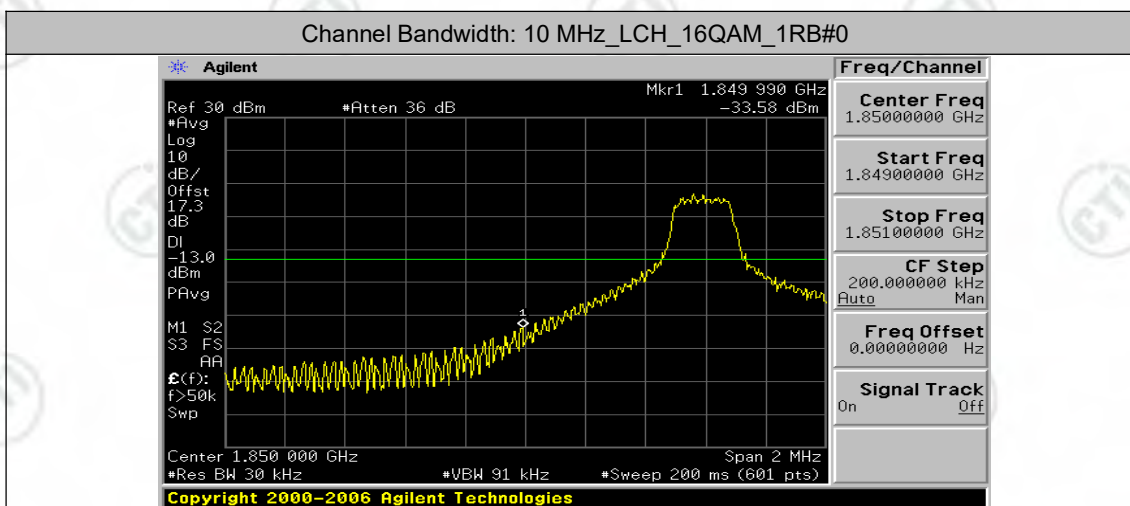
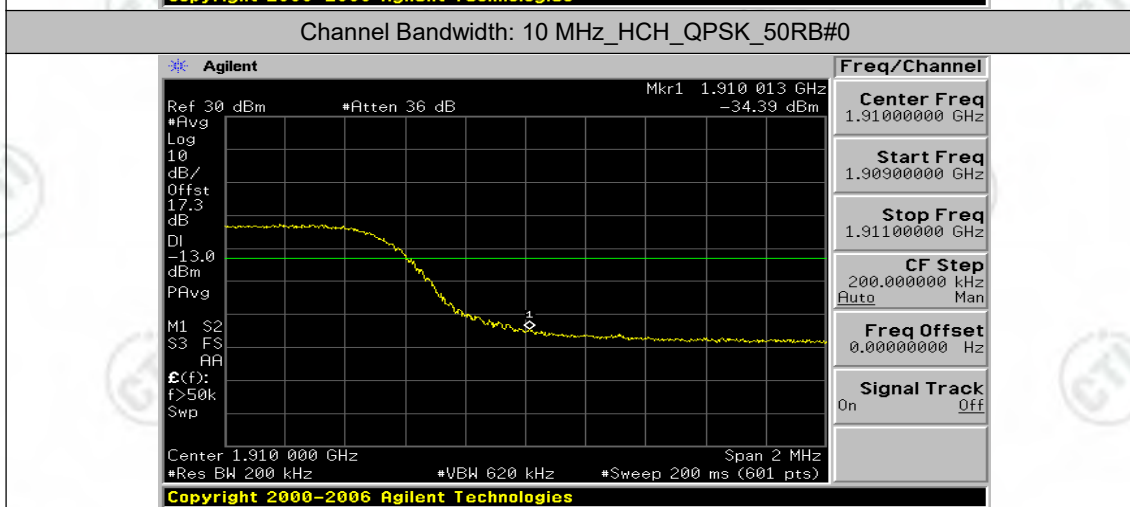
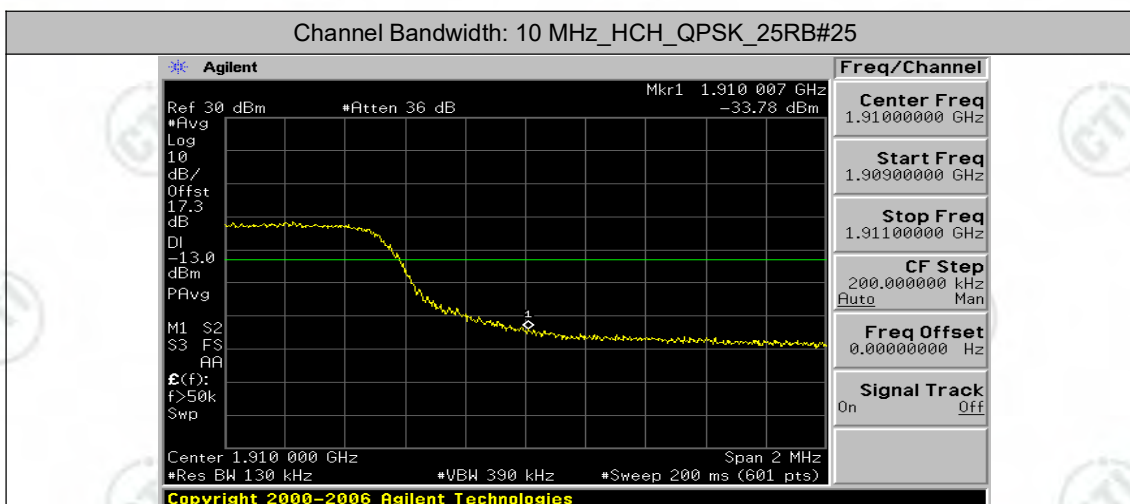
Channel Bandwidth: 10 MHz

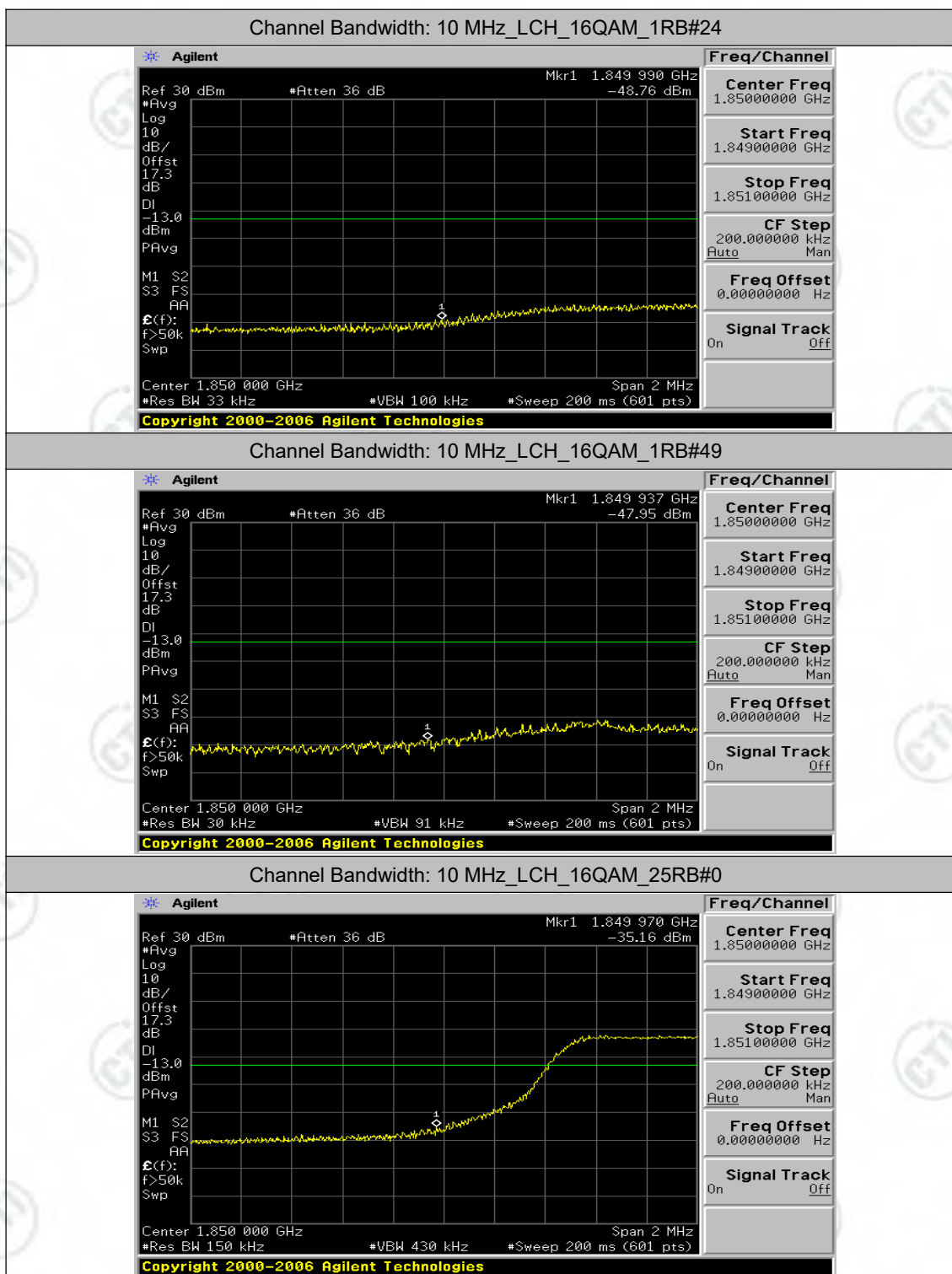


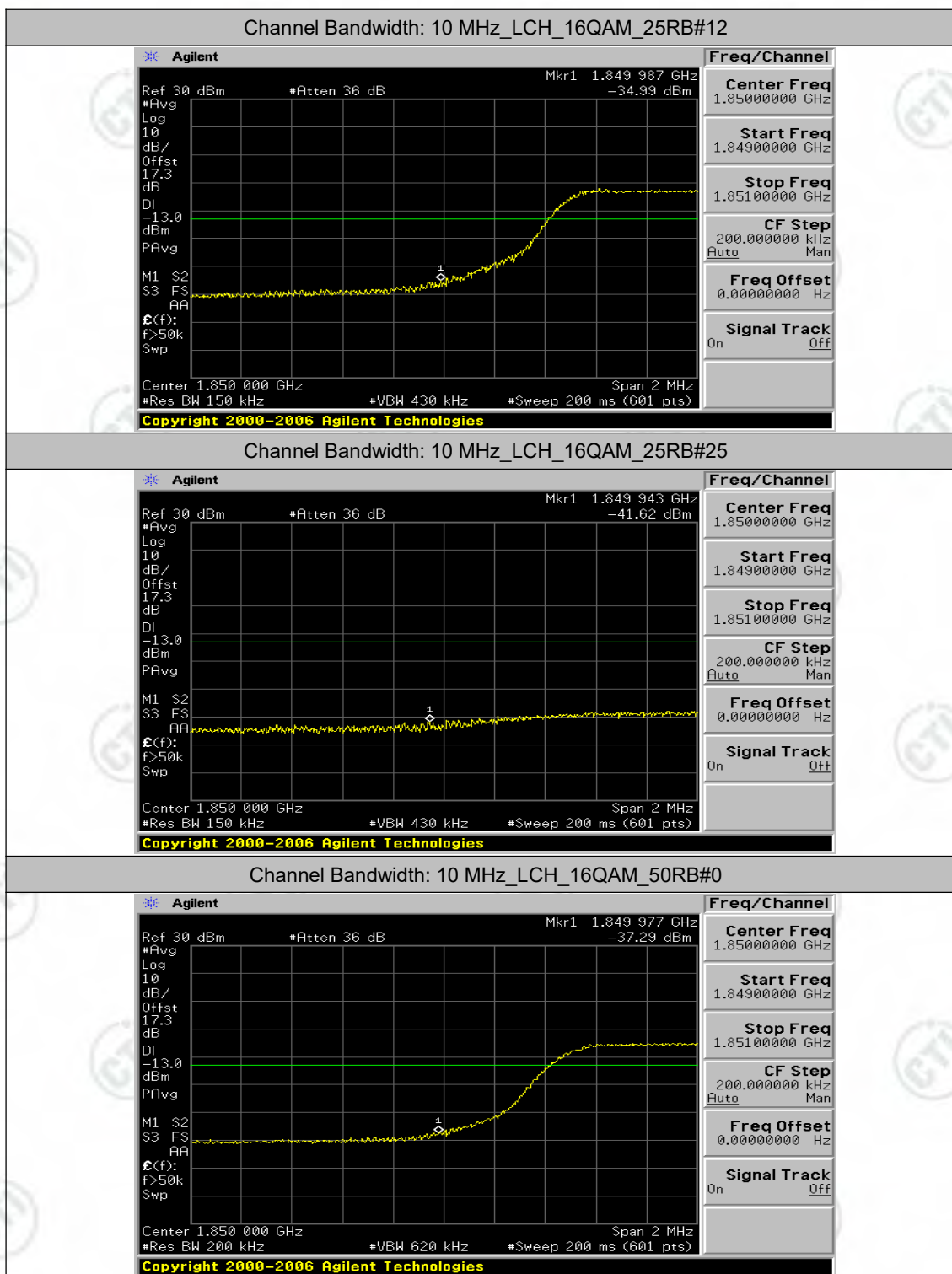


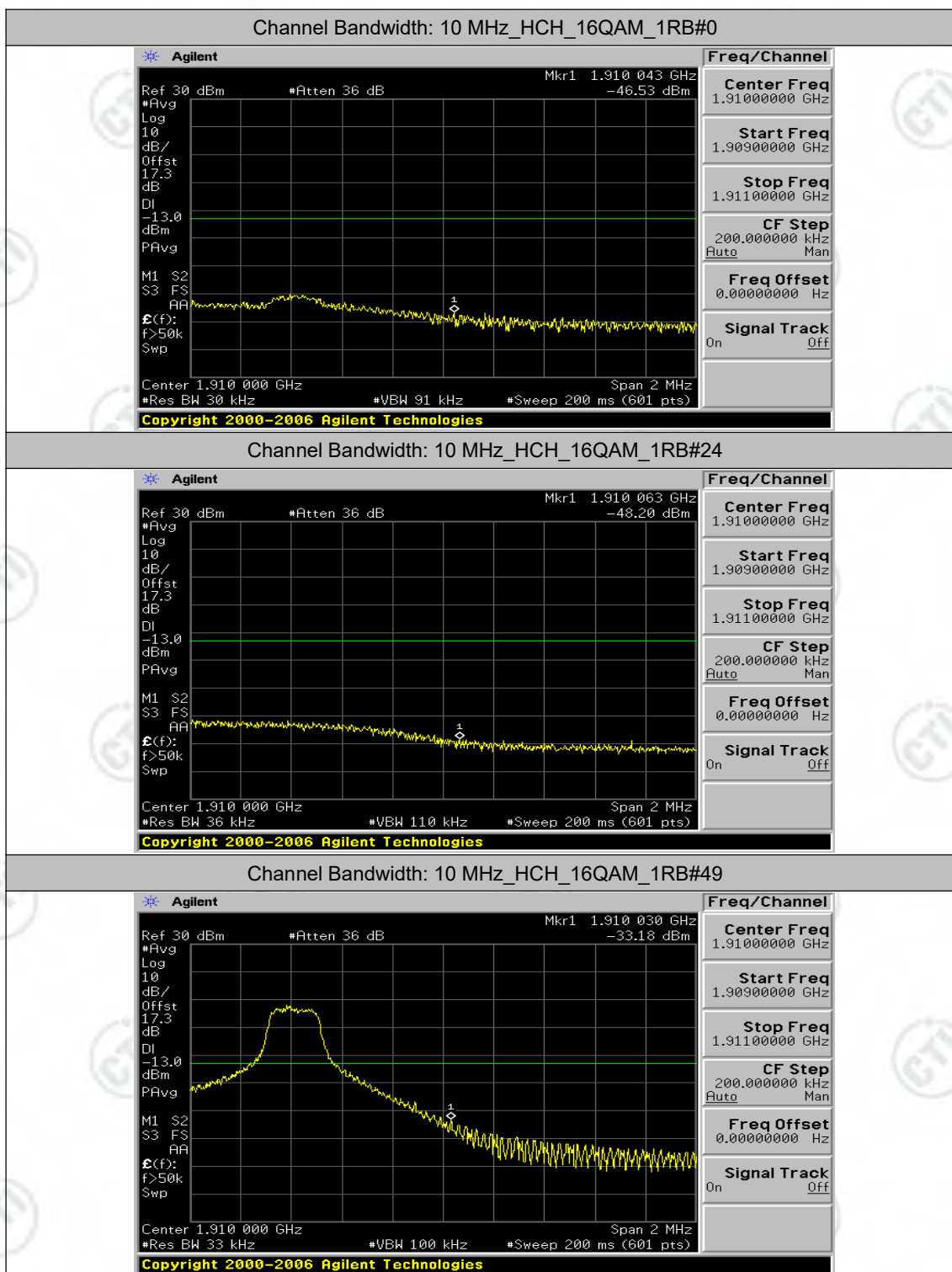


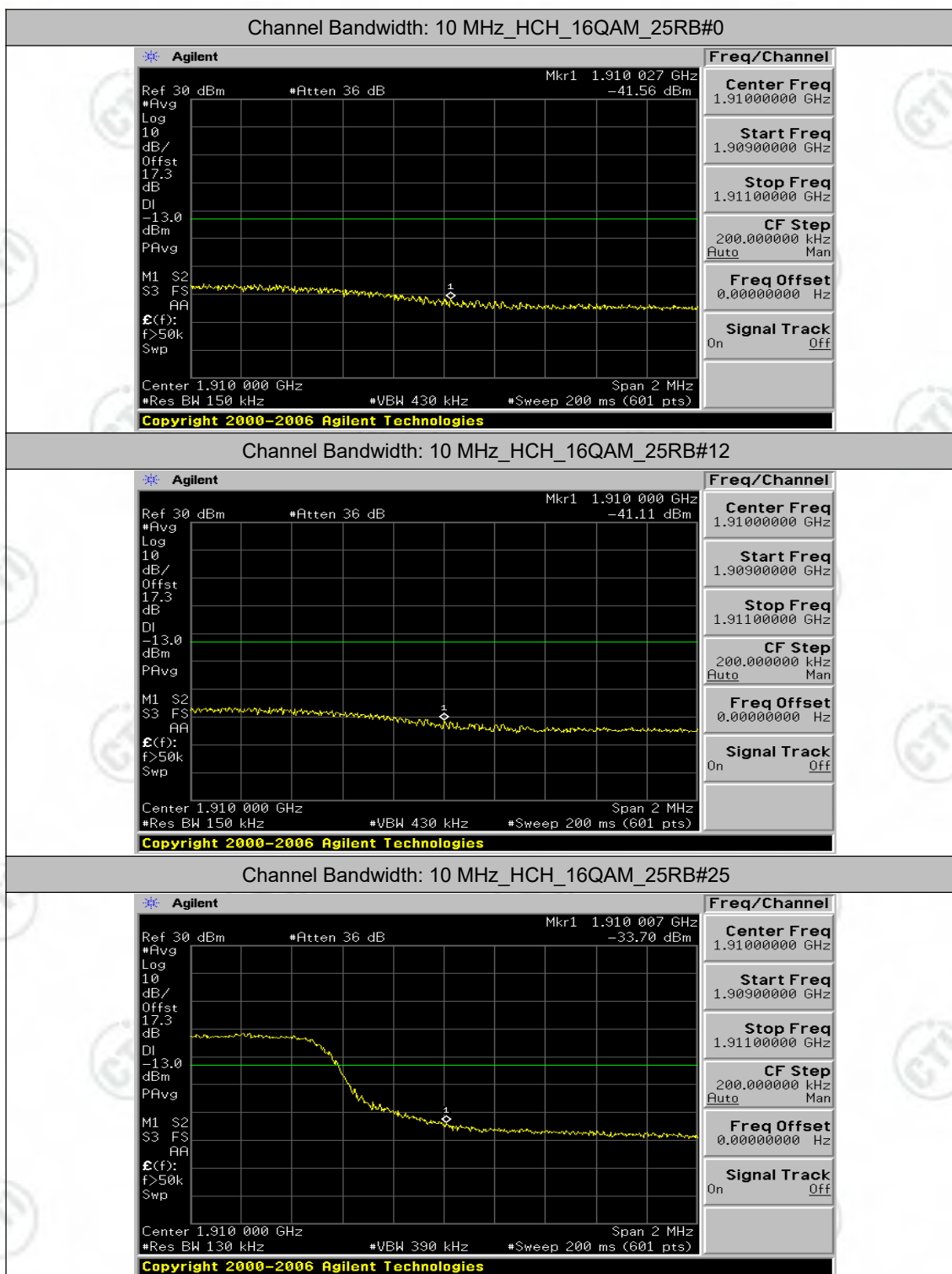


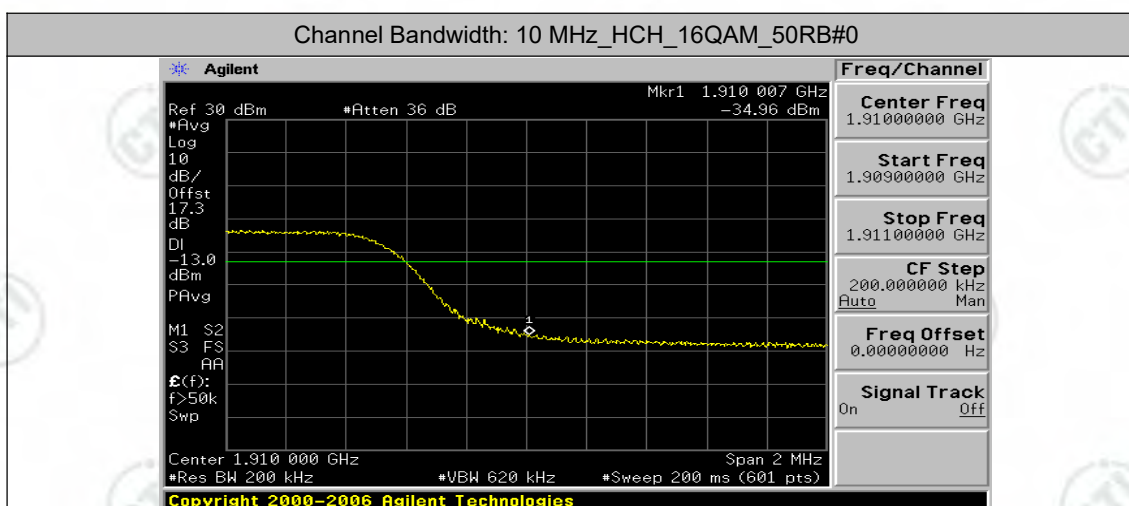




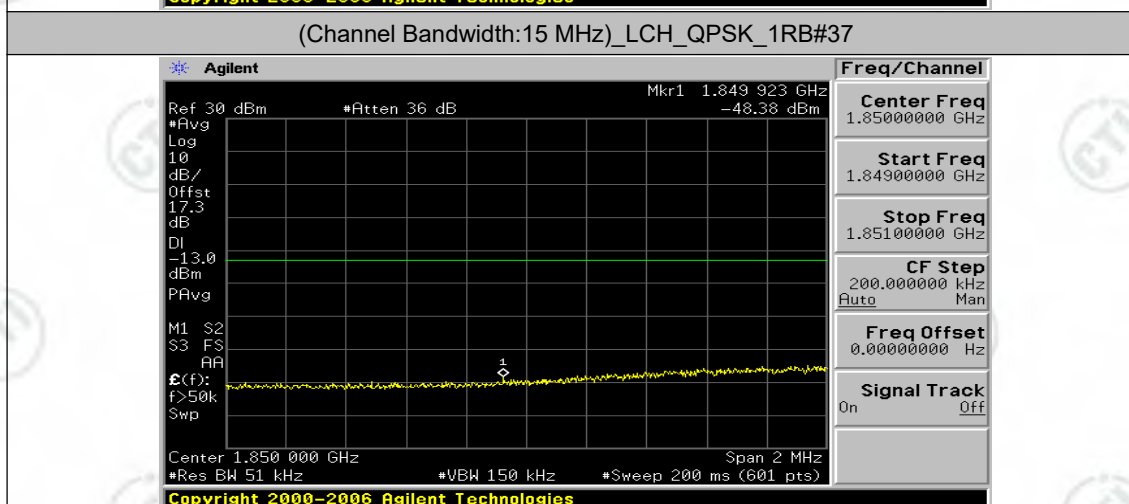
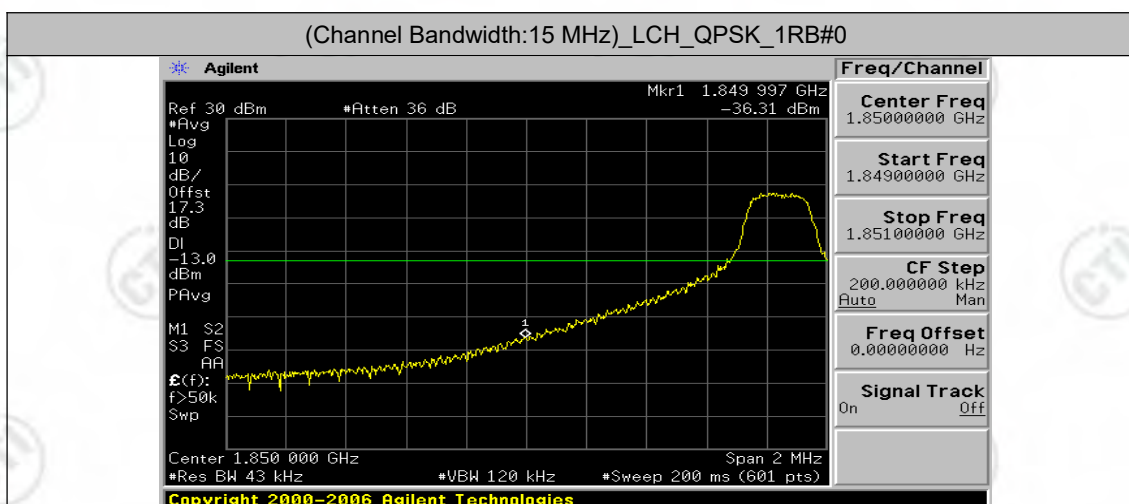


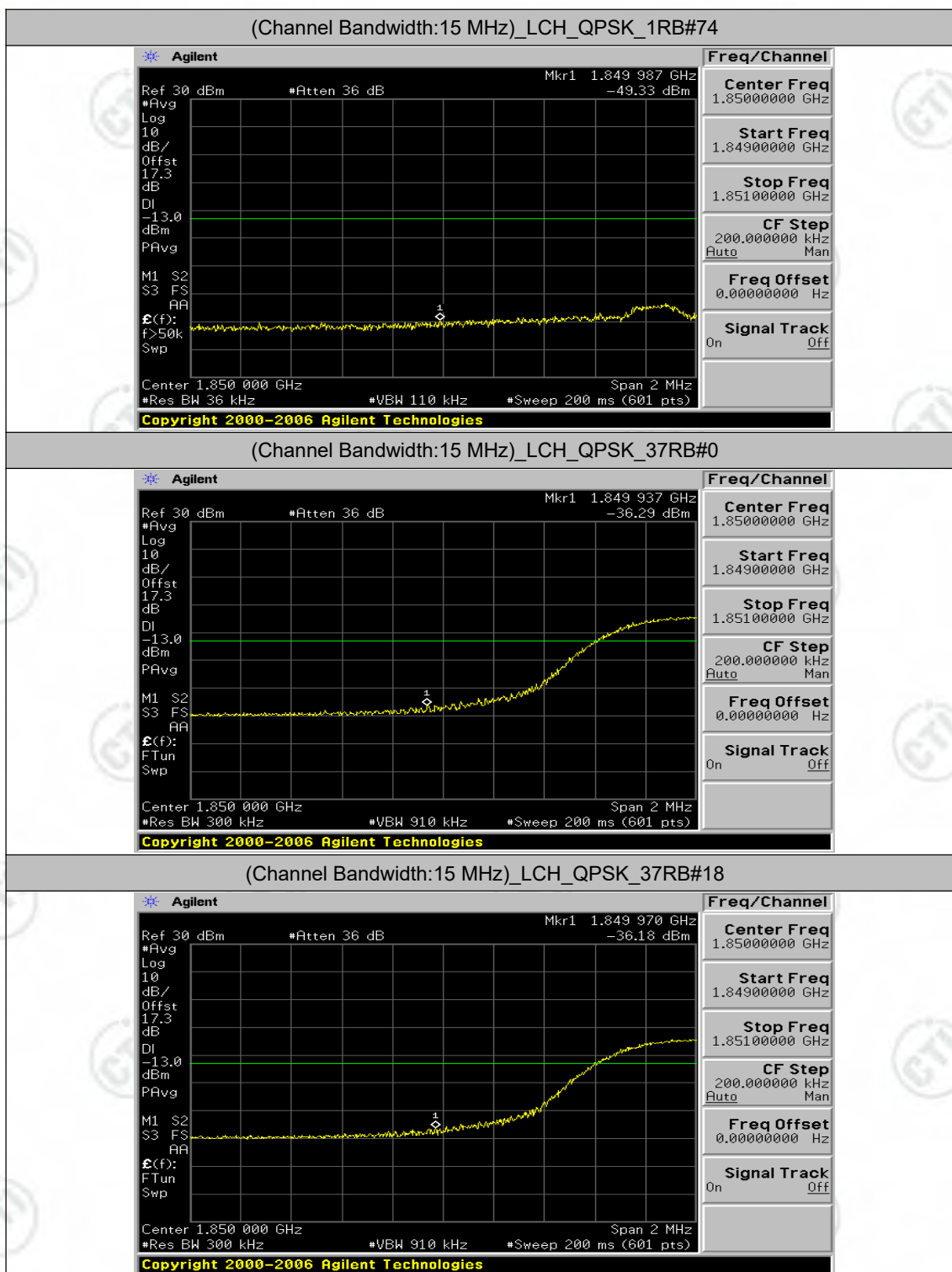


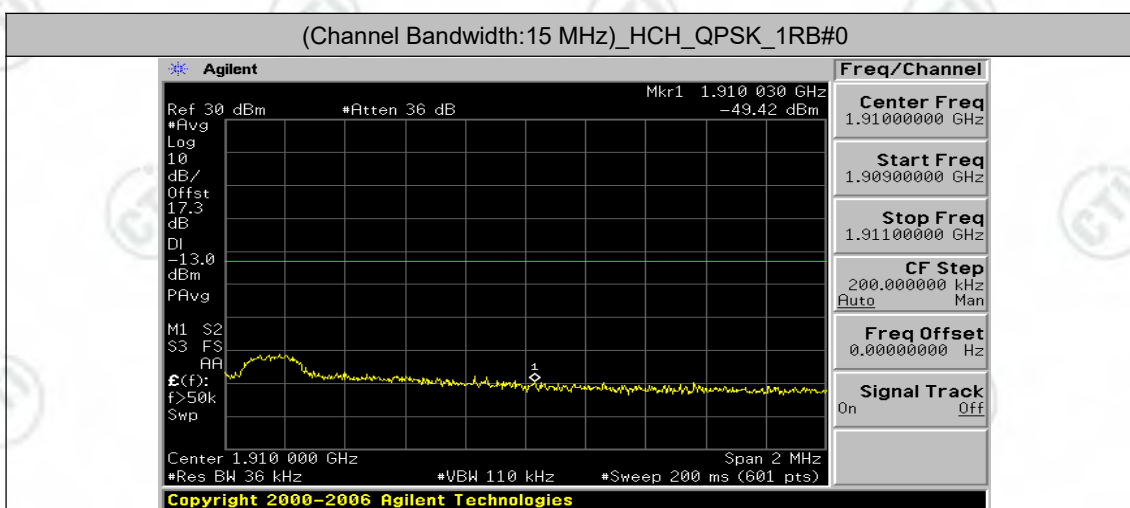
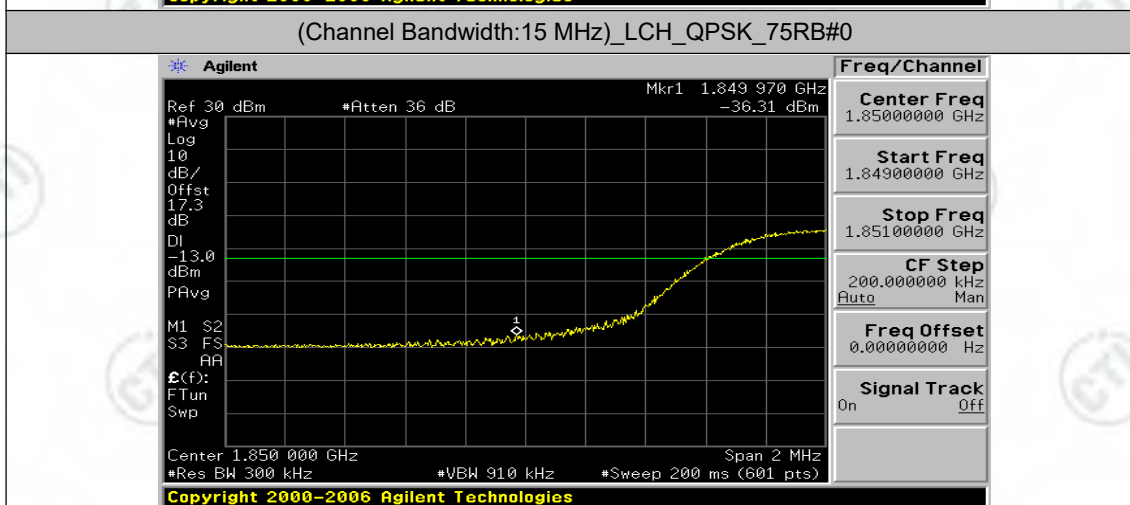
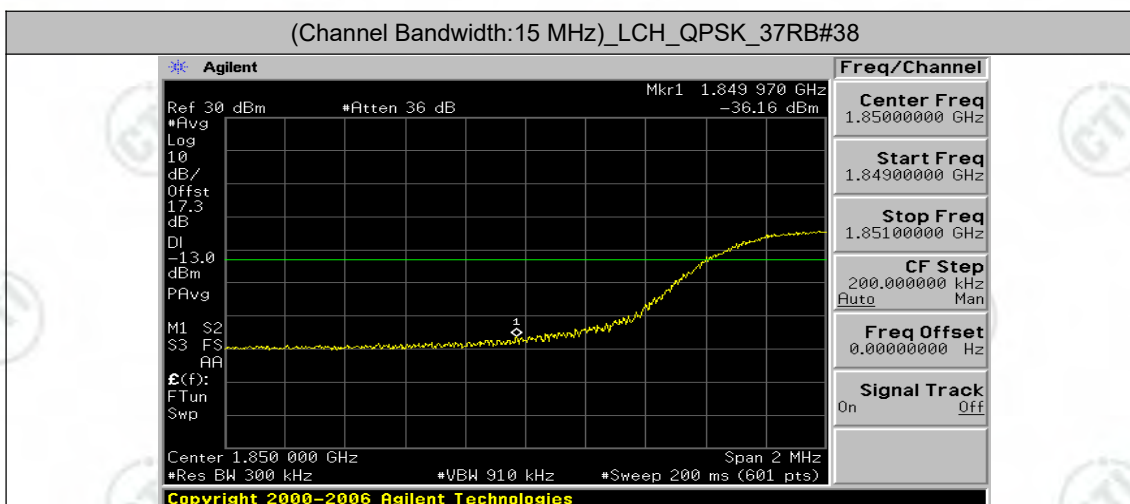


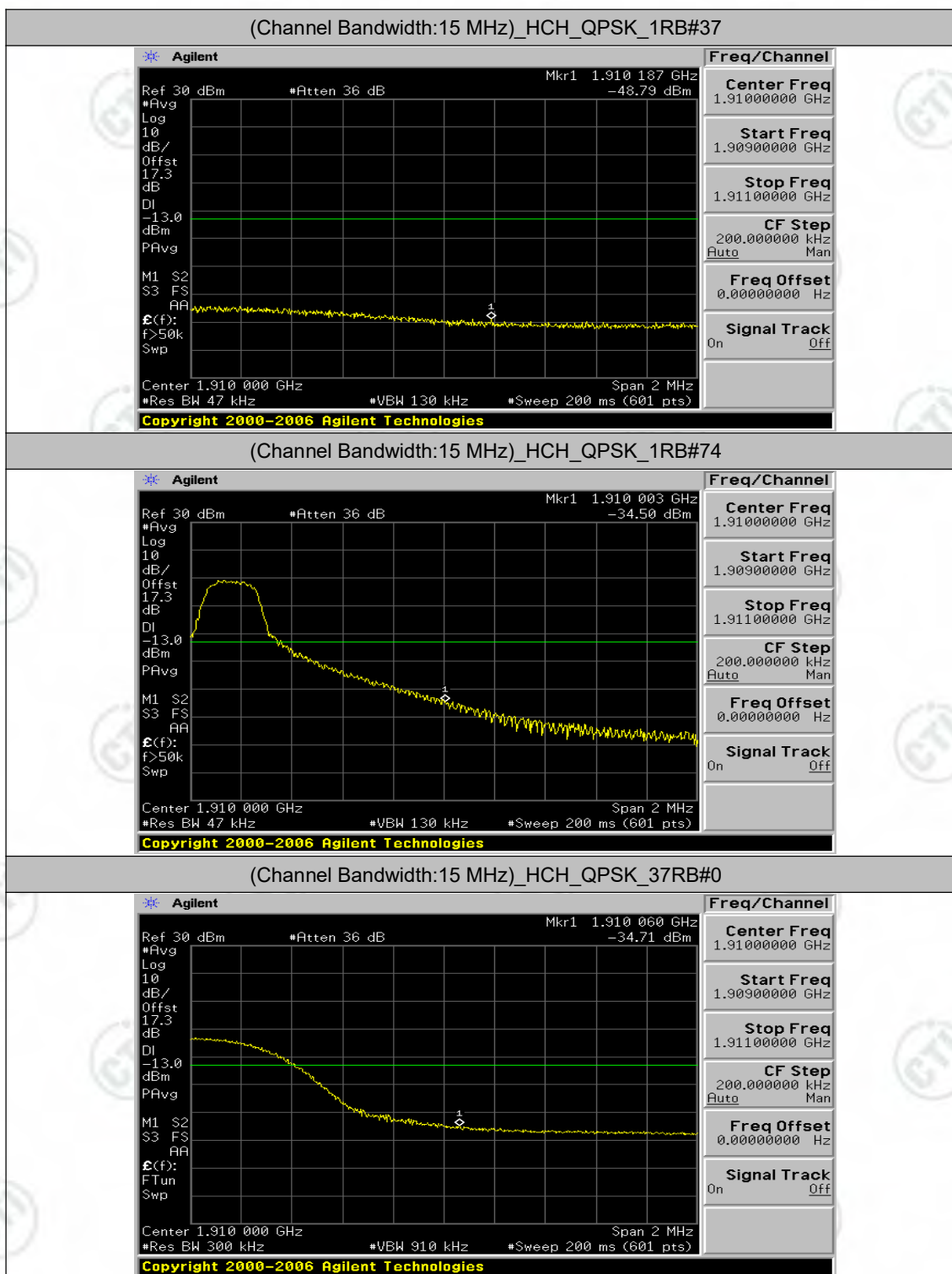


Channel Bandwidth: 15 MHz

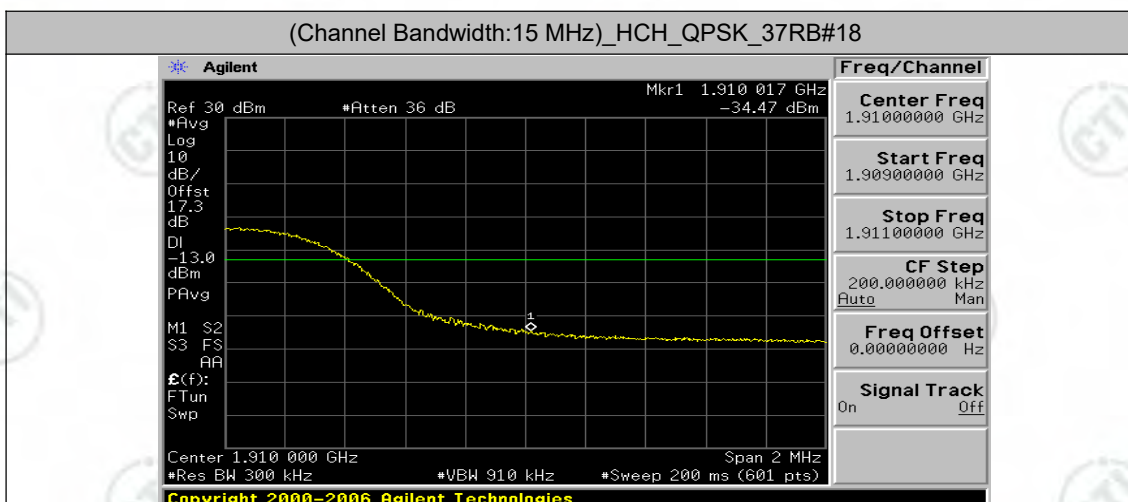




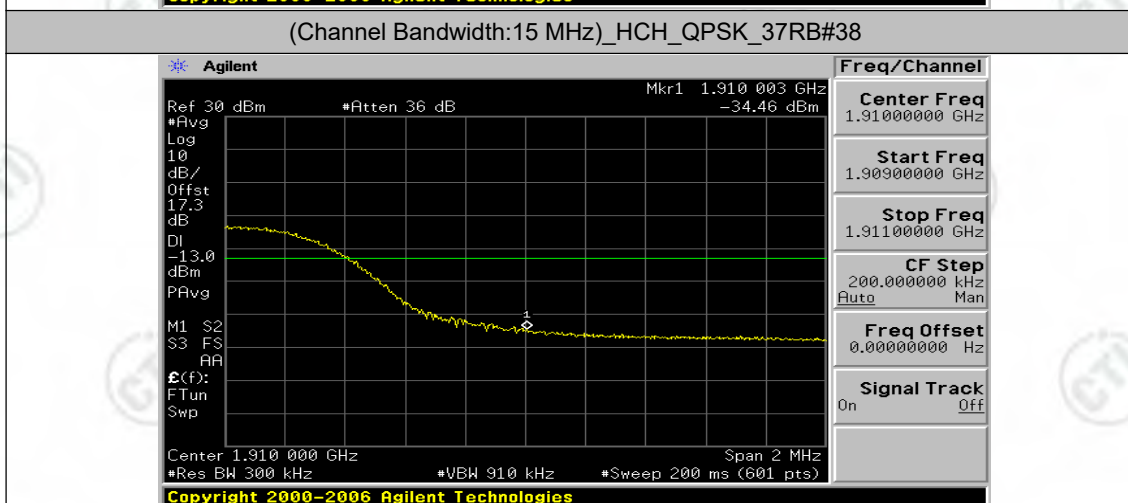




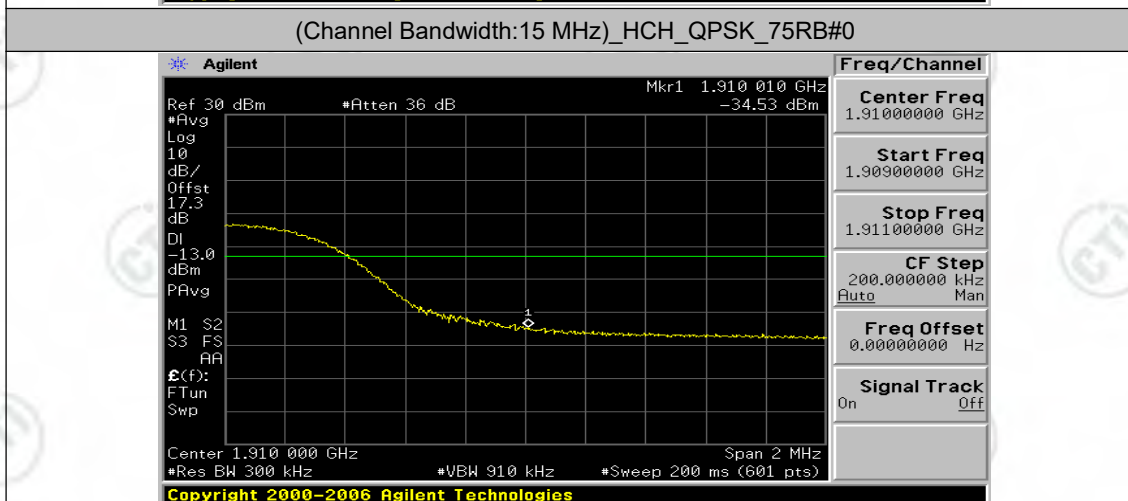
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18

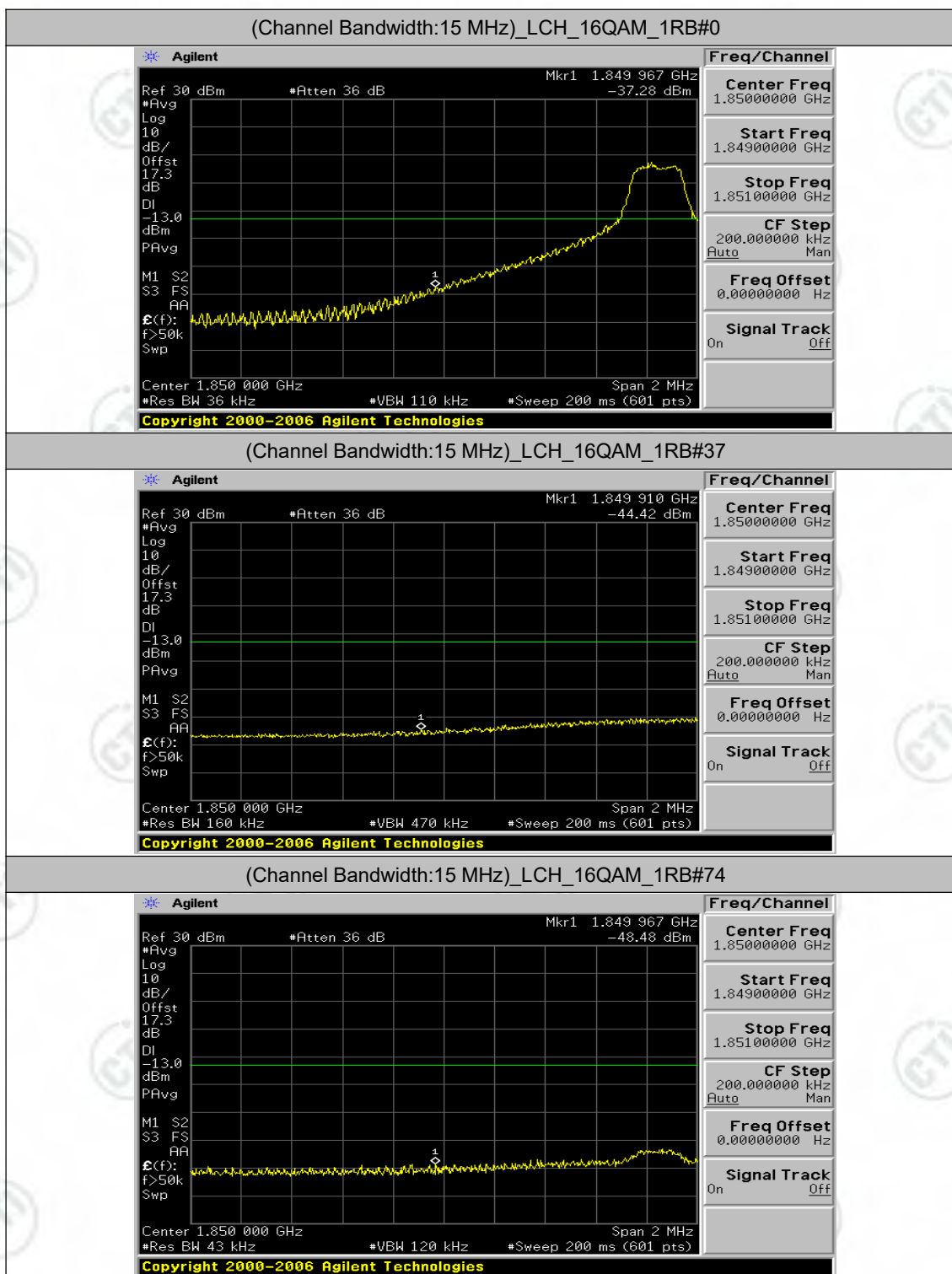


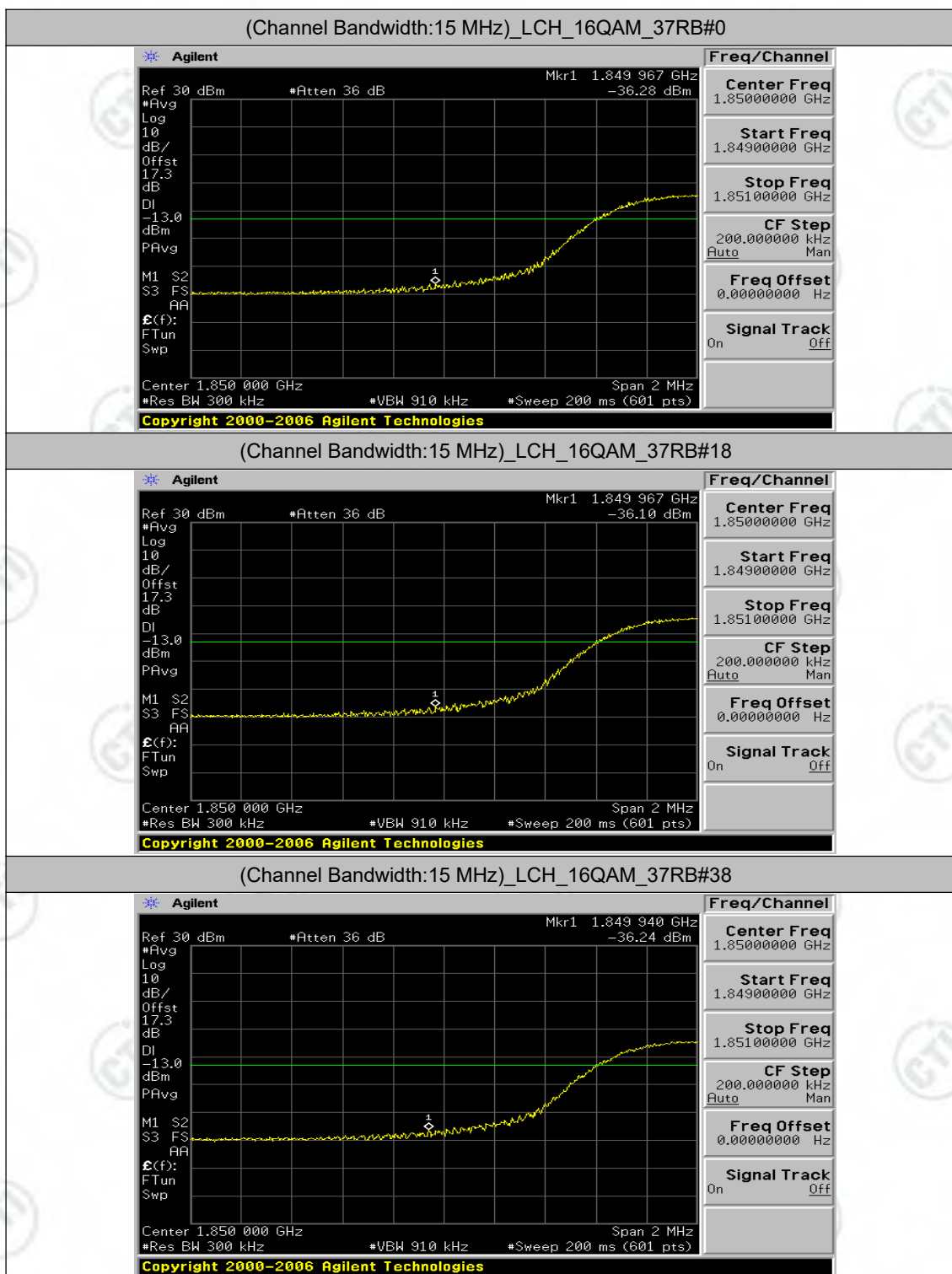
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38

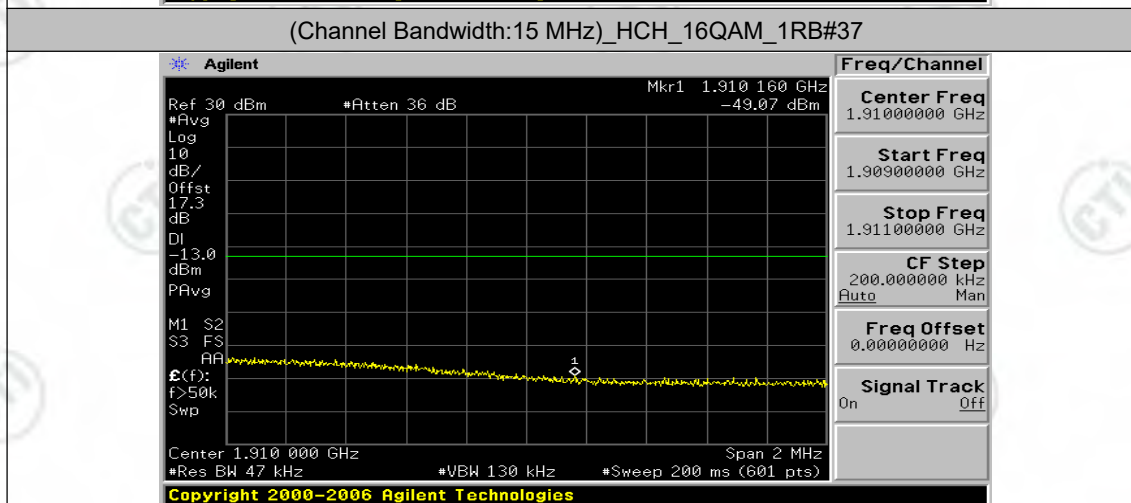
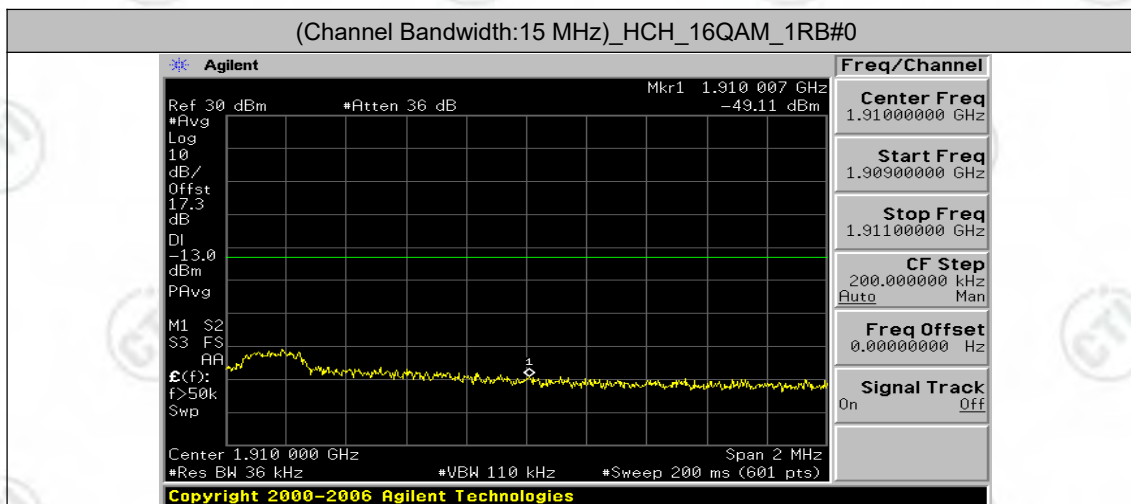
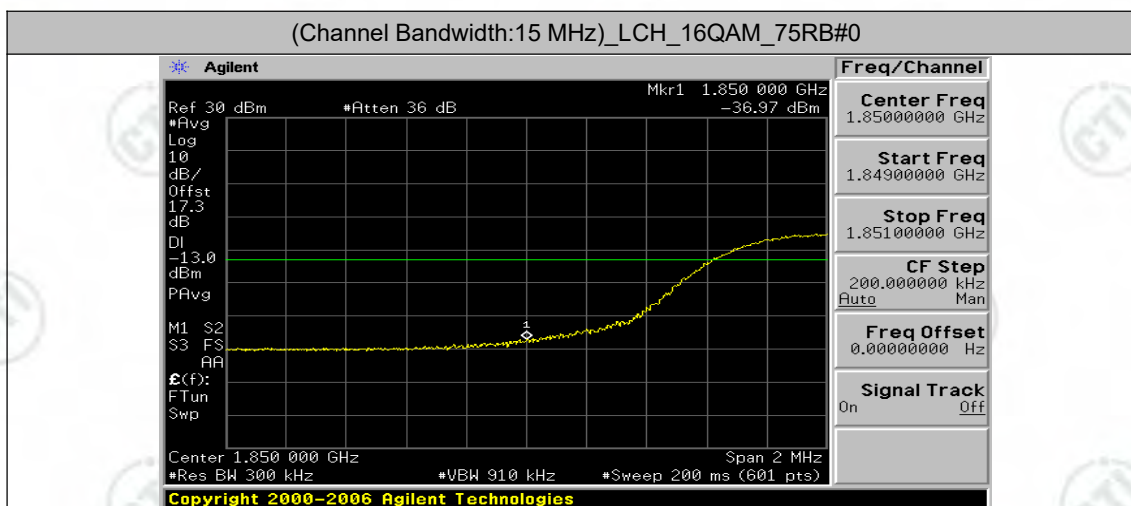


(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0

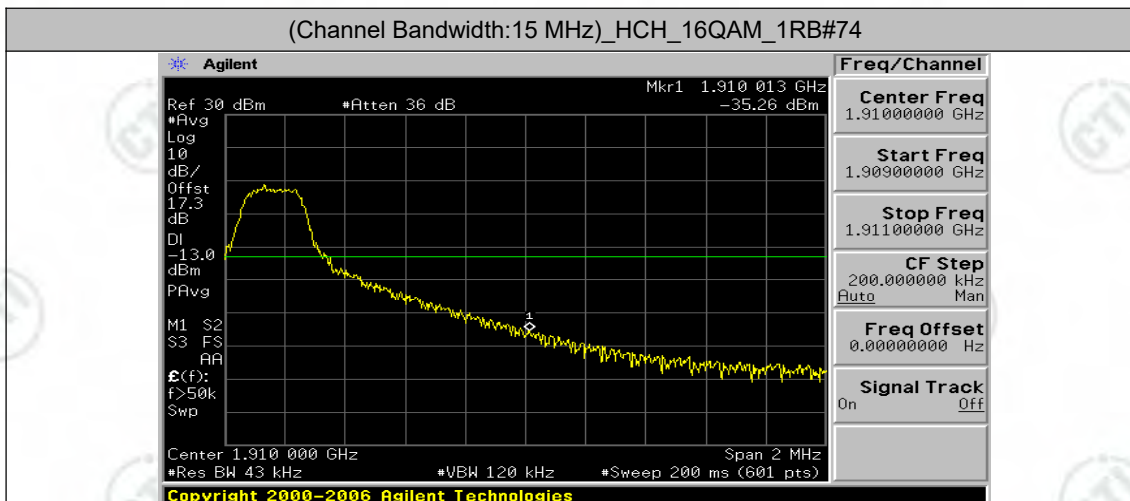




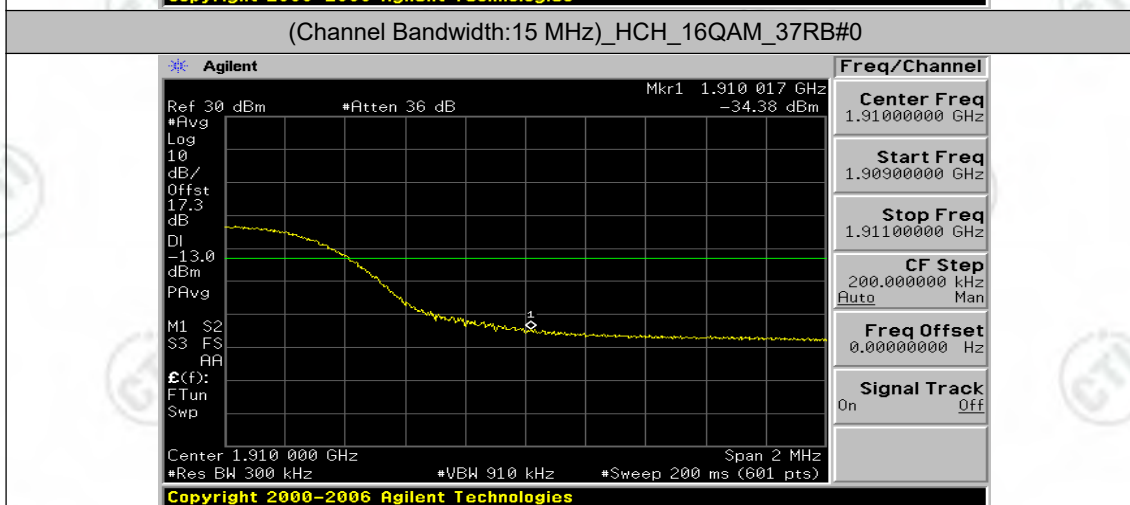




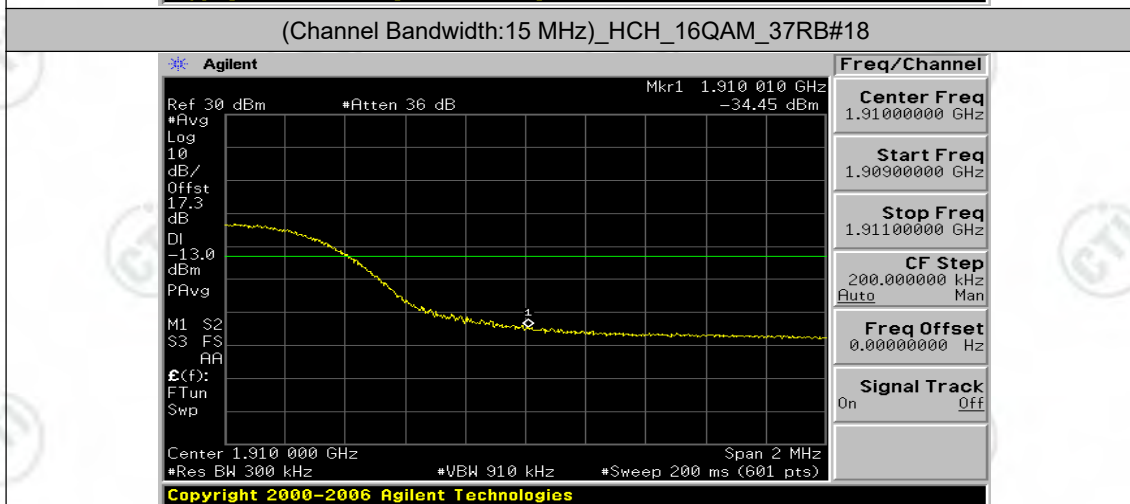
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74

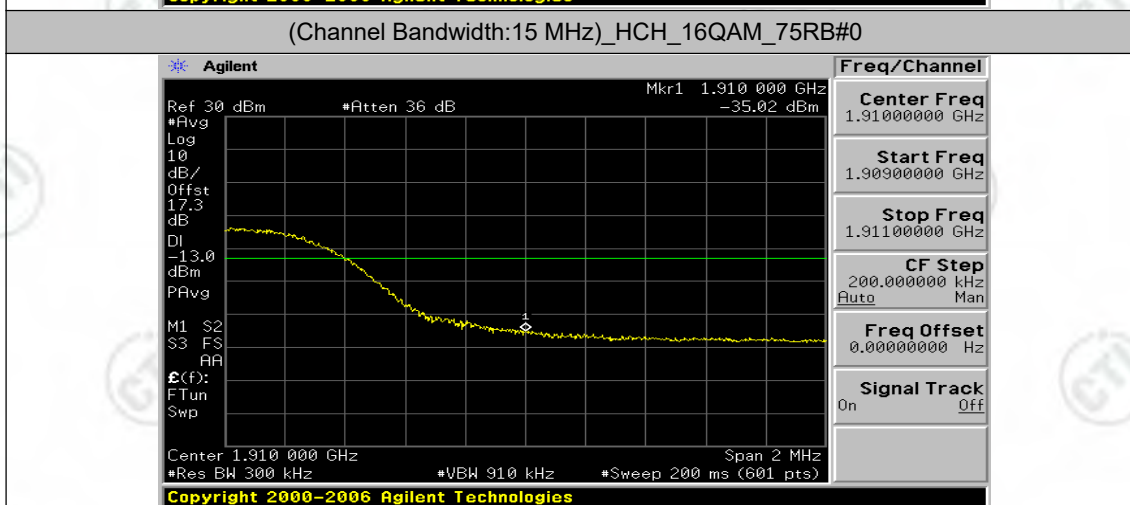
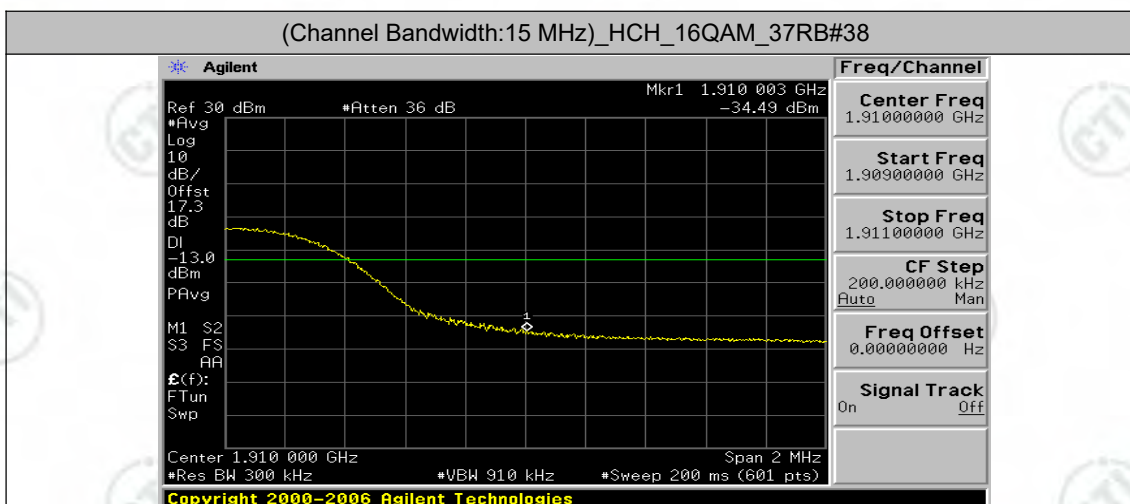


(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0

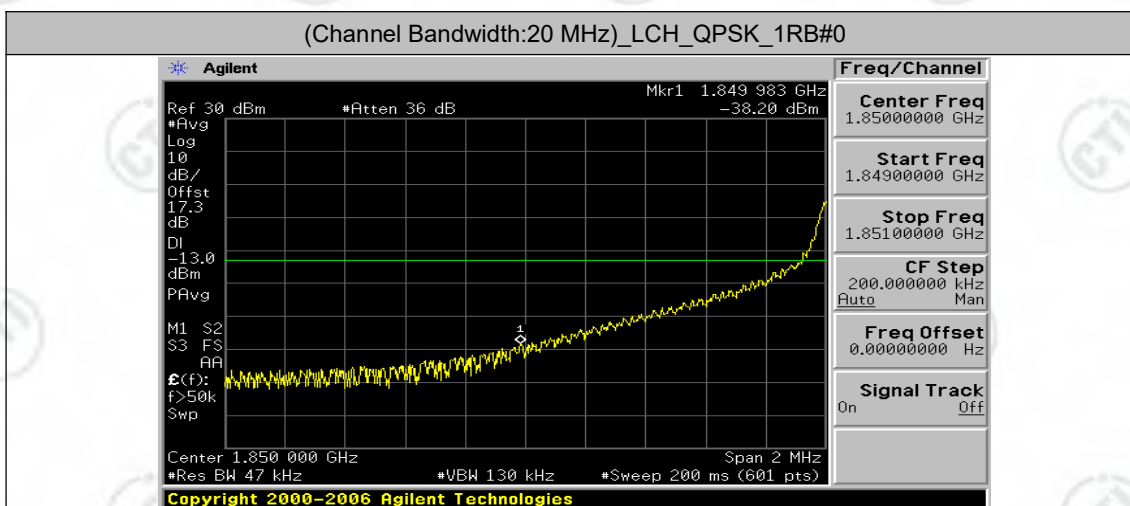


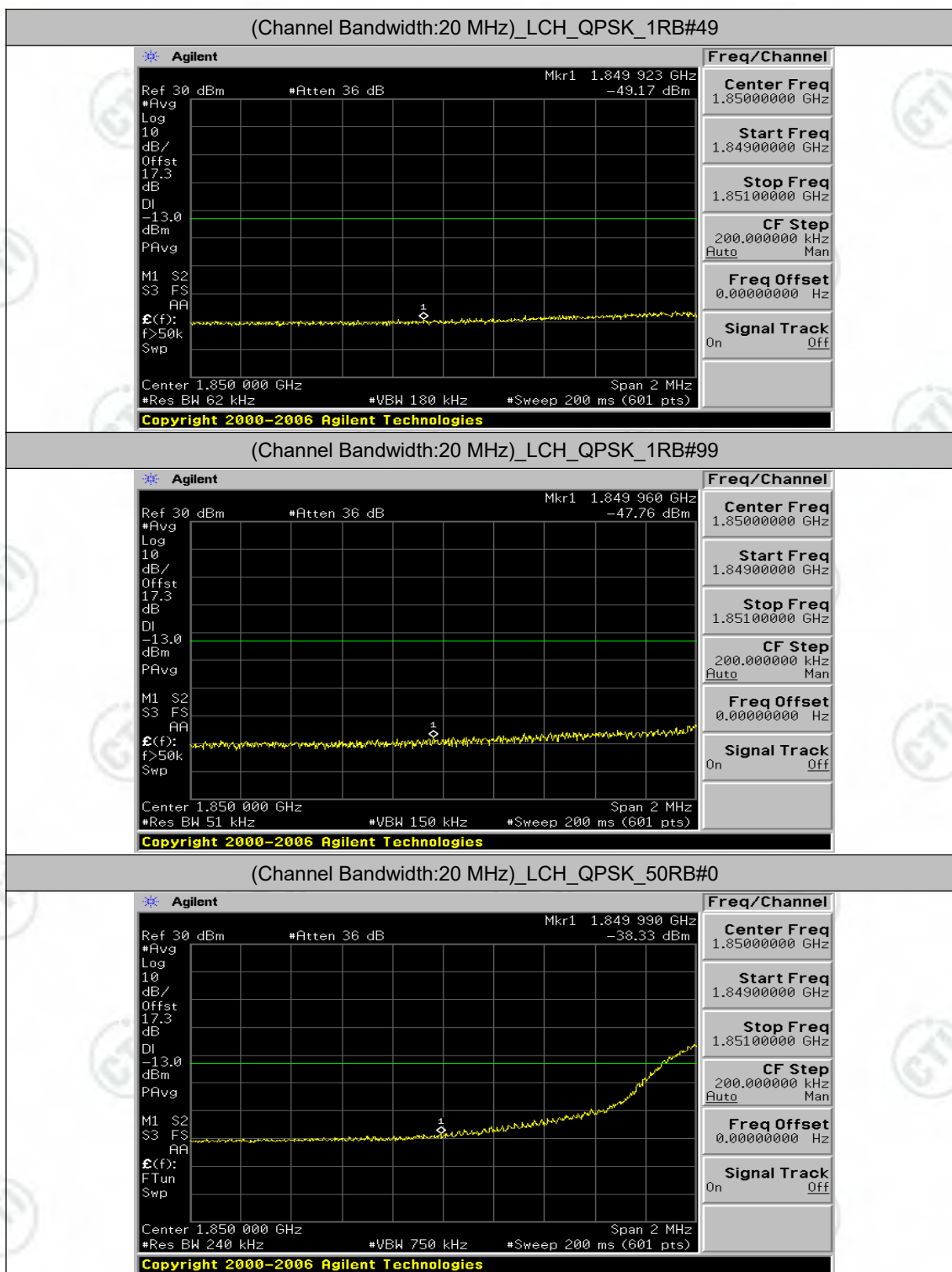
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18

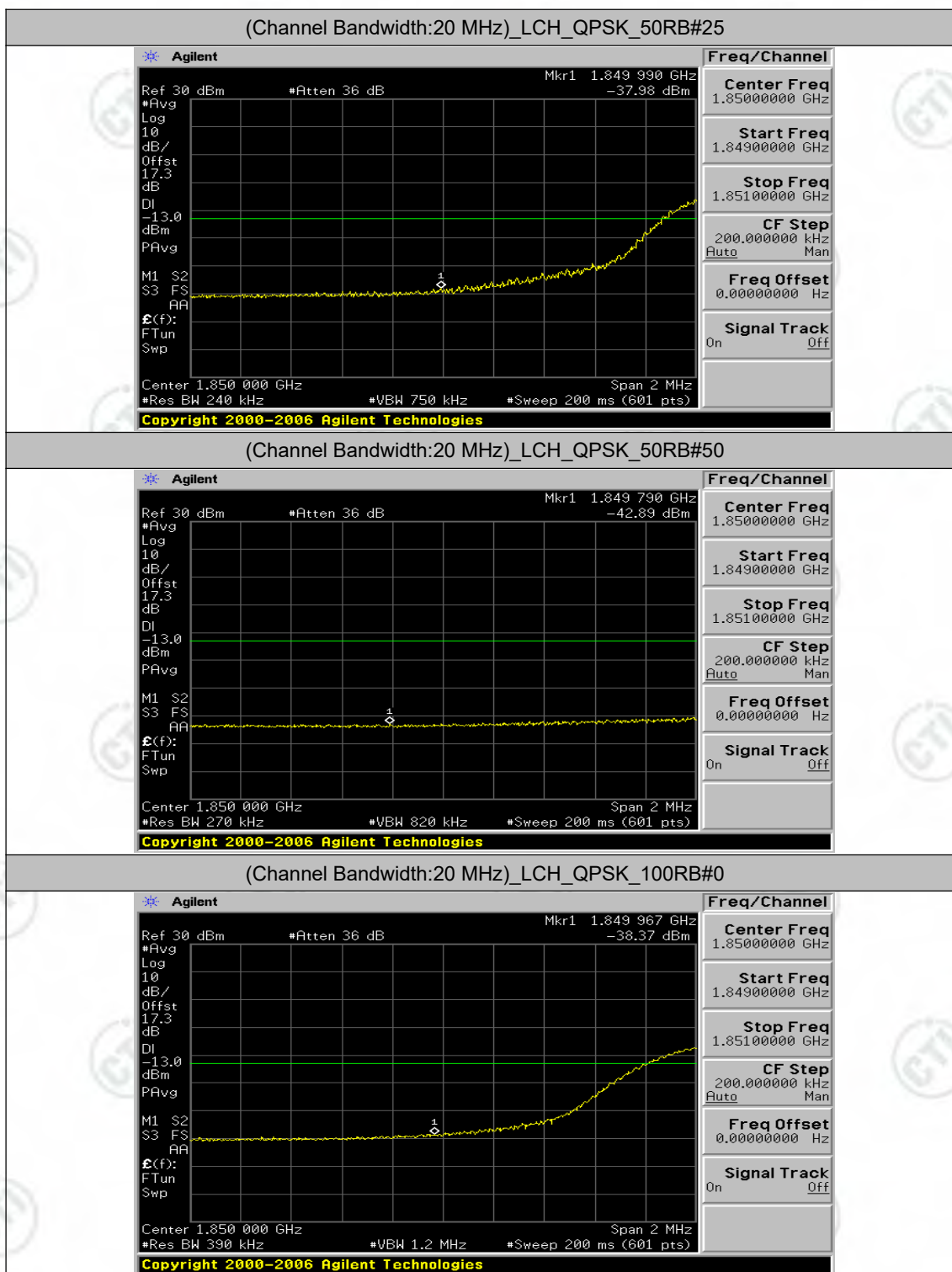


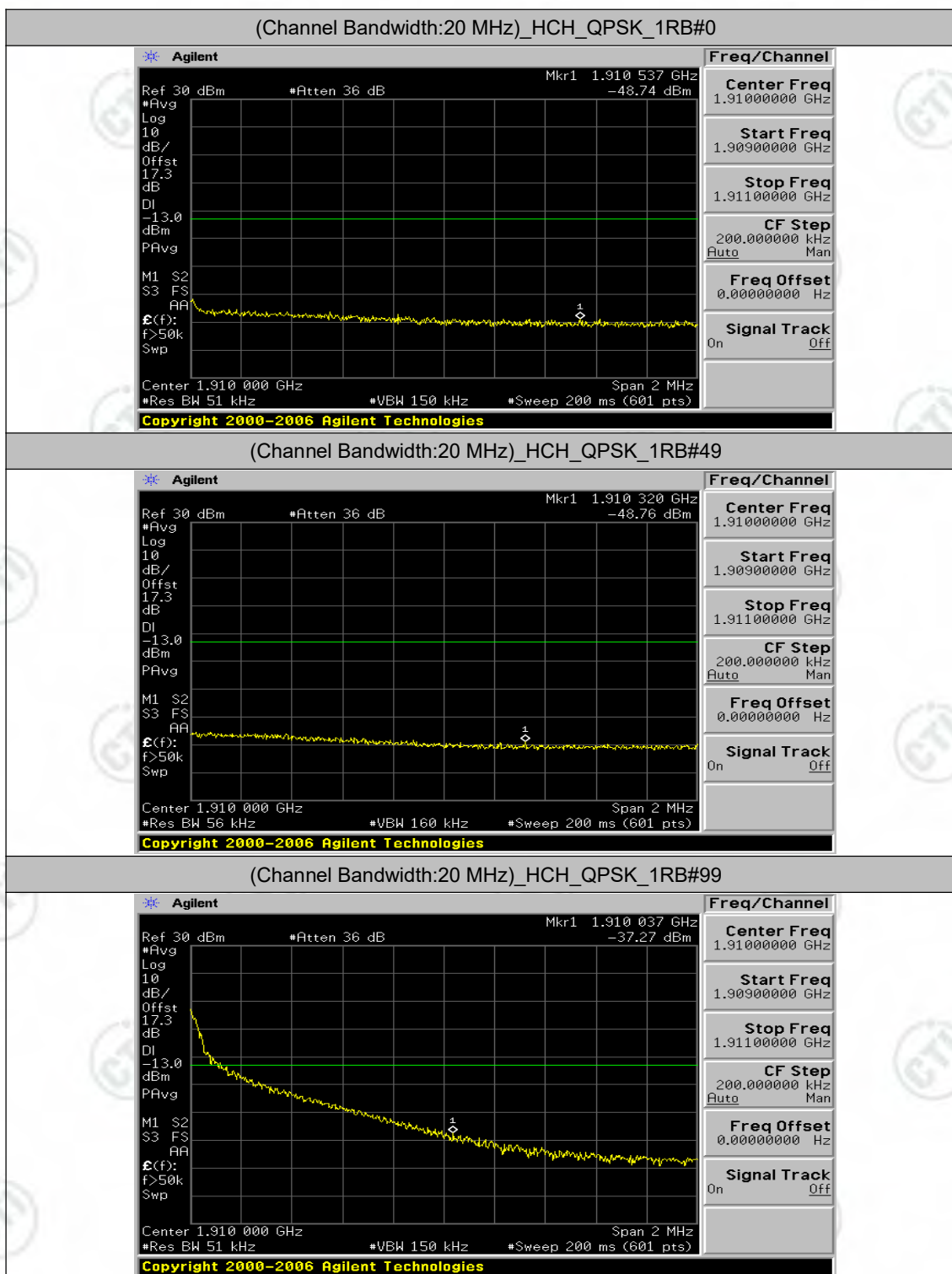


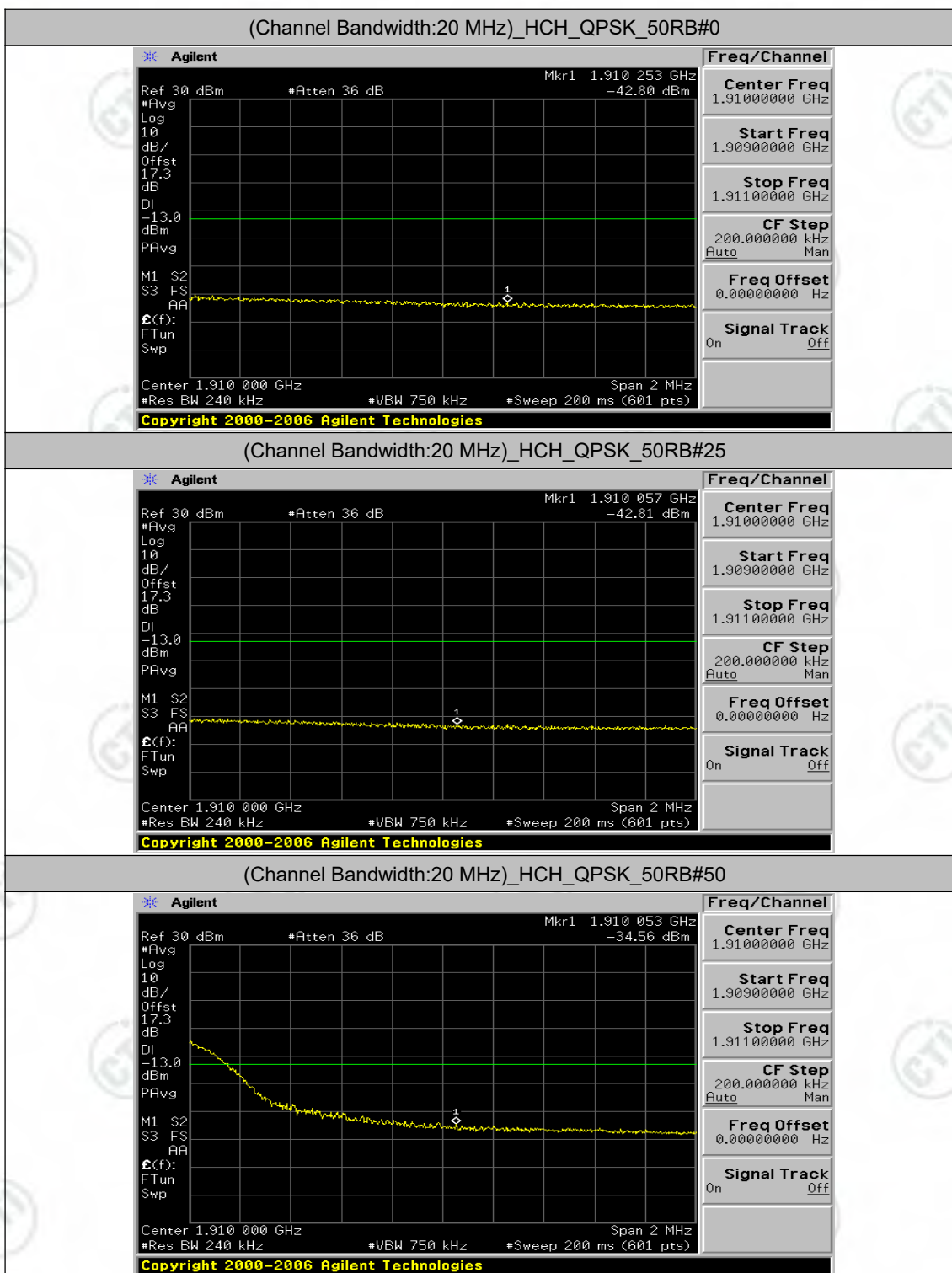
Channel Bandwidth: 20 MHz

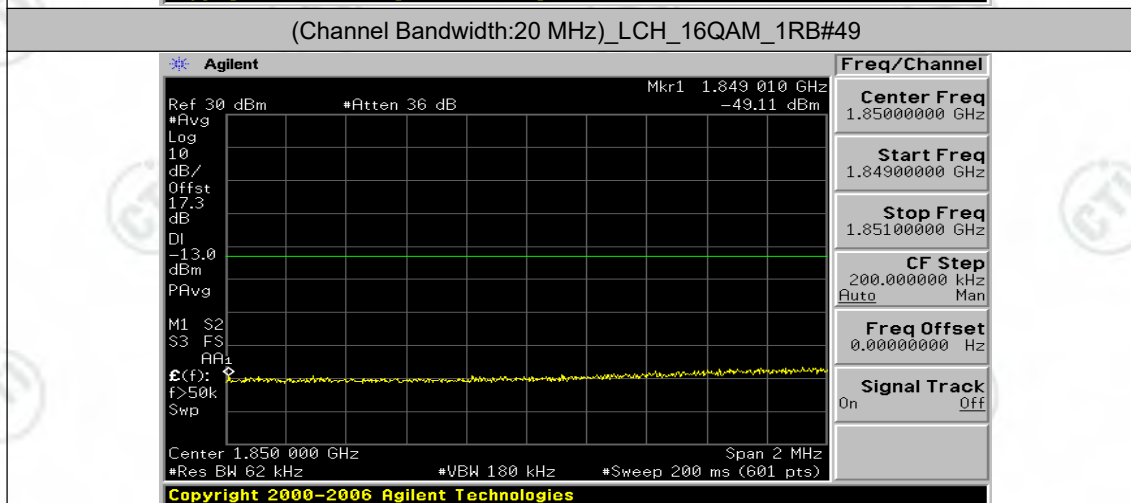
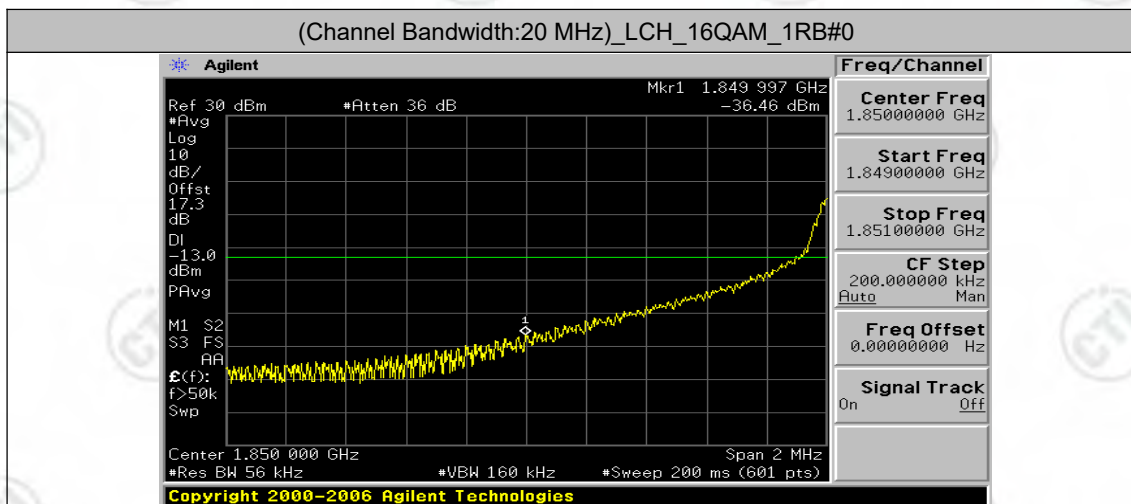
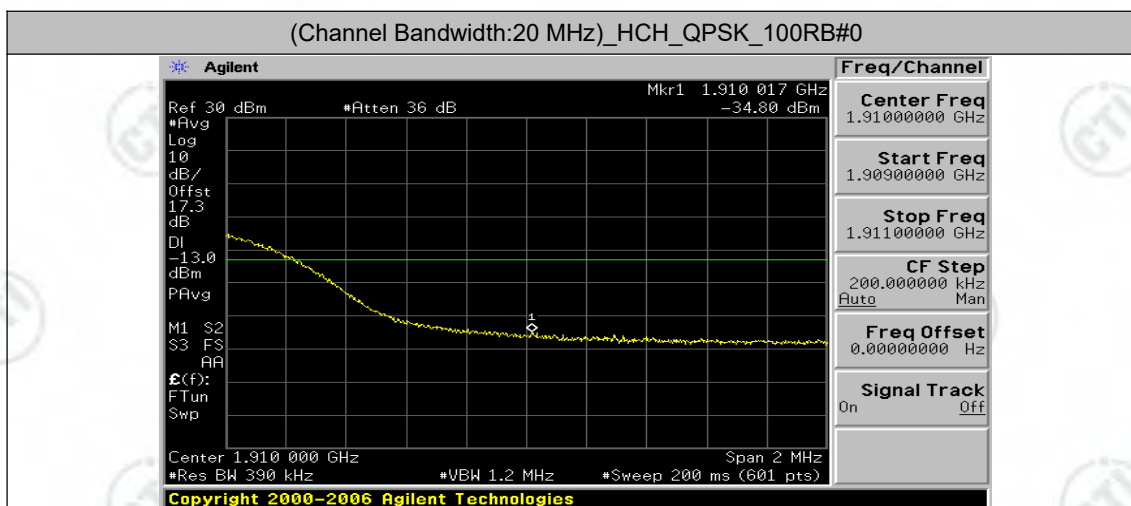


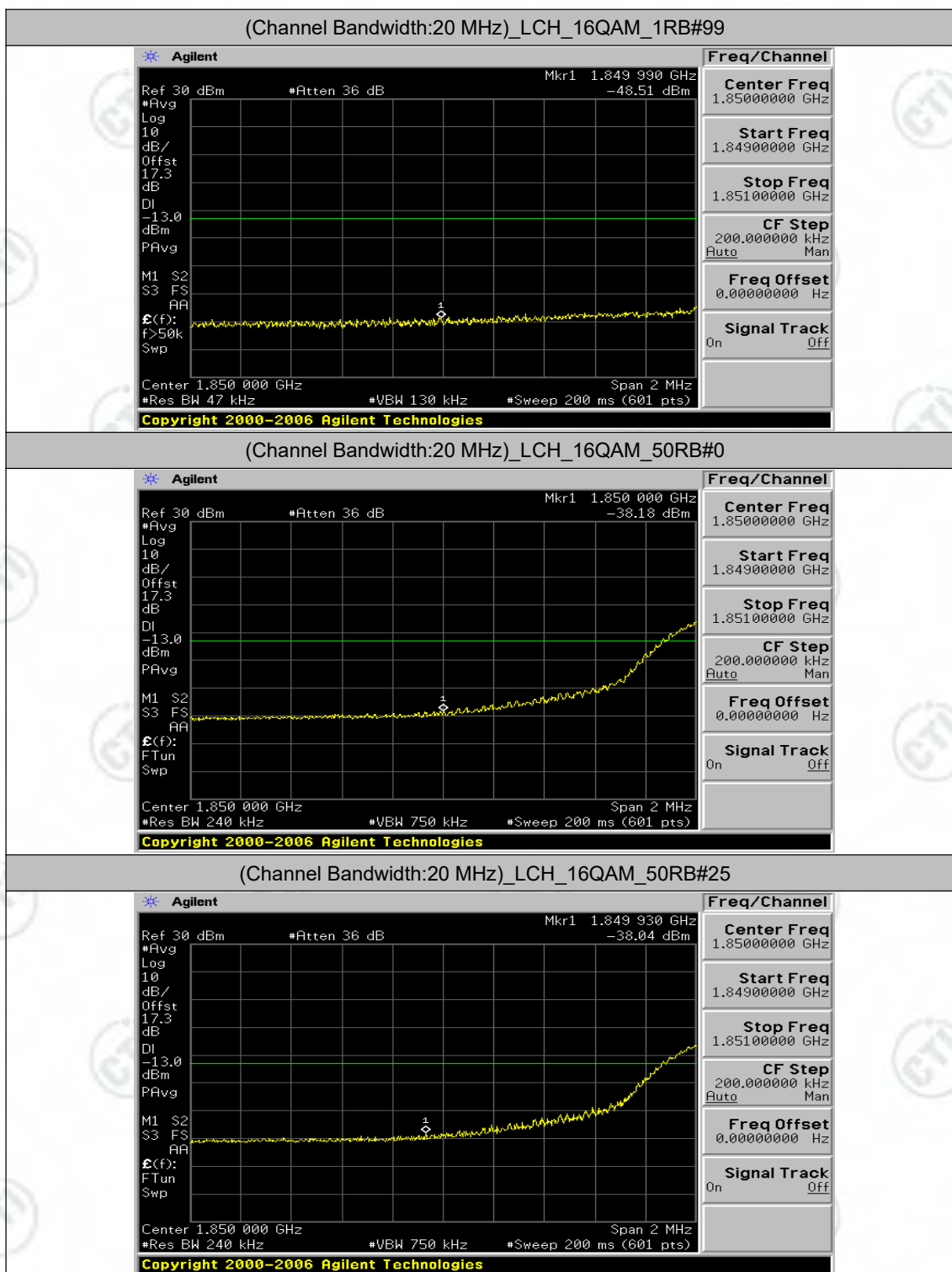


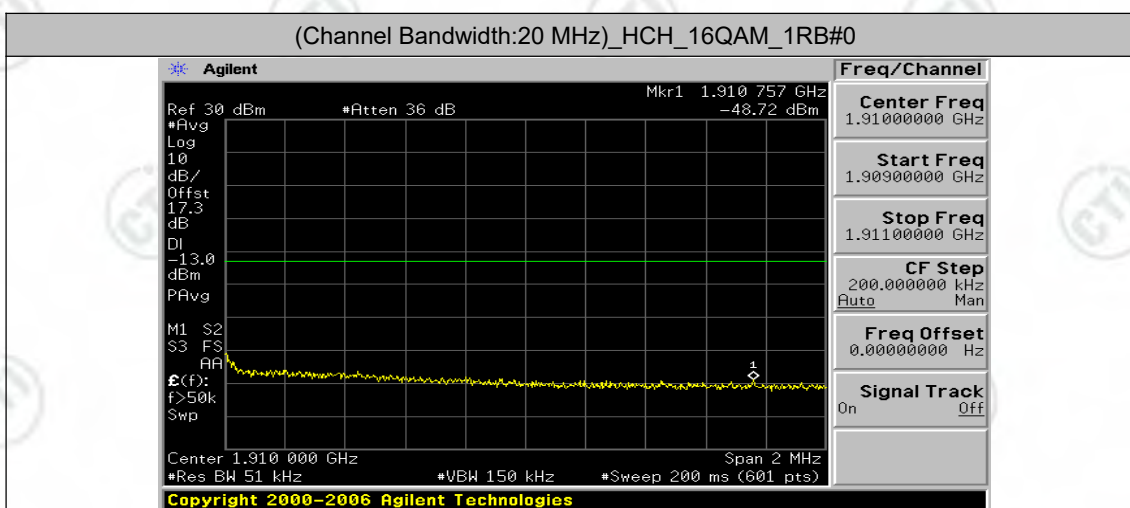
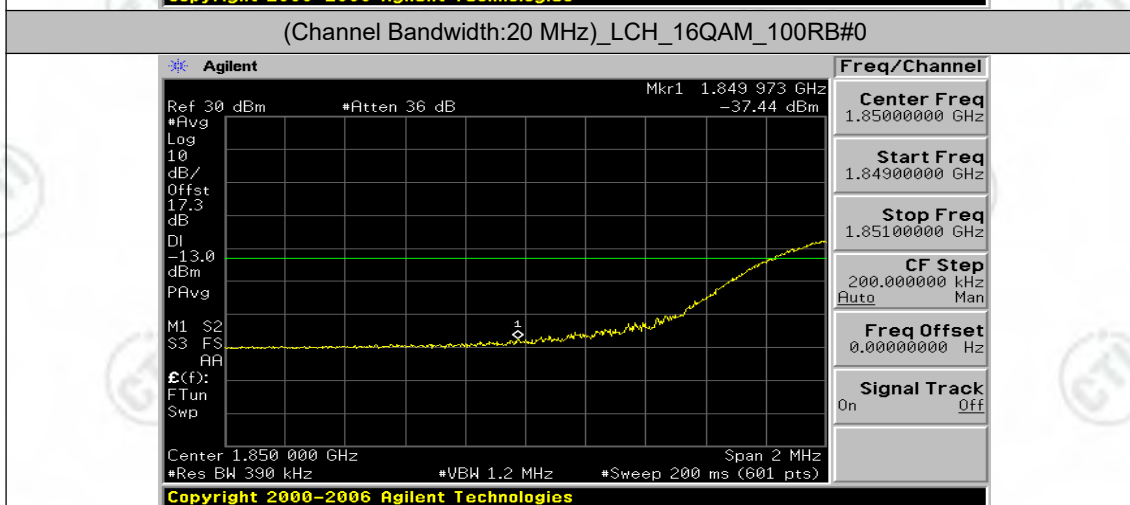
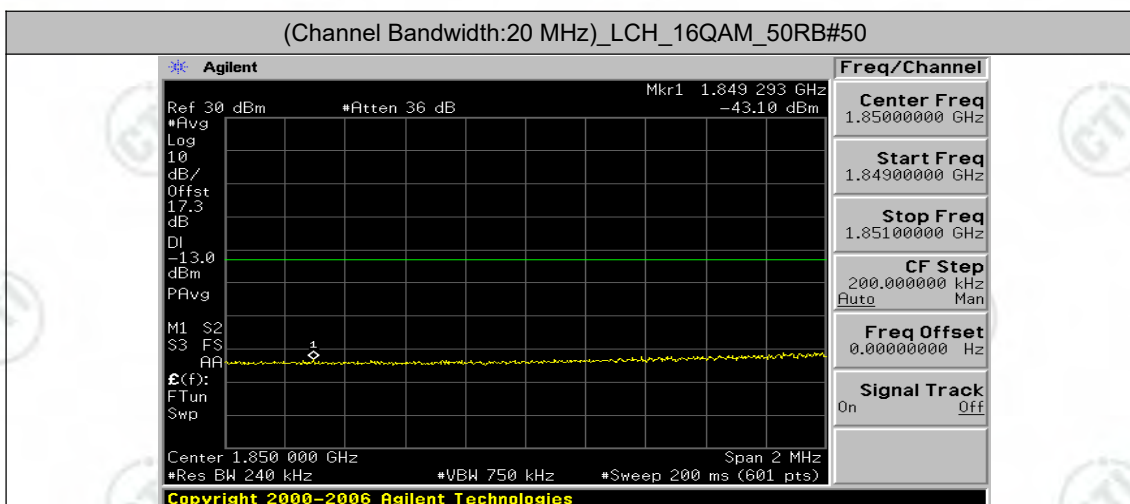




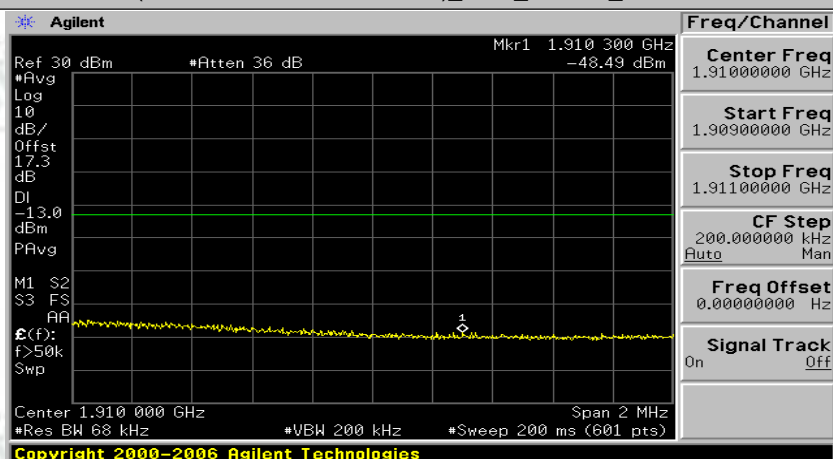




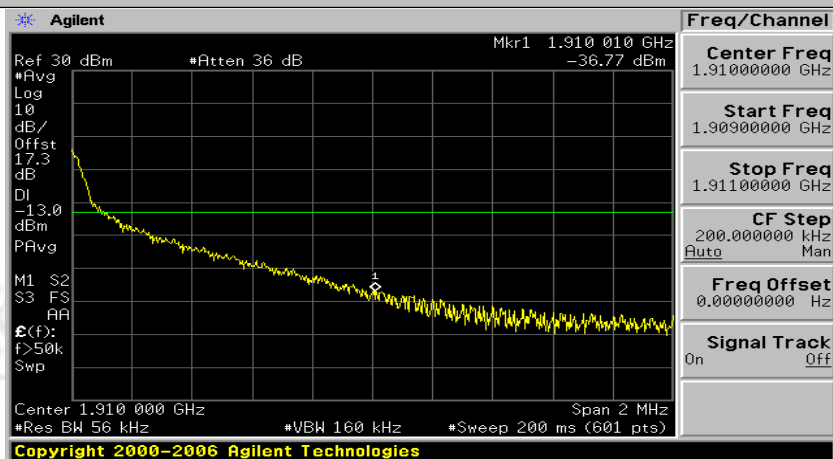




(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49



(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0

