

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

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	23.43	31.43	PASS
		1	3	23.38	31.38	PASS
		1	5	23.37	31.37	PASS
		3	0	23.23	31.23	PASS
		3	2	23.22	31.22	PASS
		3	3	23.21	31.21	PASS
		6	0	22.19	30.19	PASS
	MCH	1	0	23.07	31.07	PASS
		1	3	23.12	31.12	PASS
		1	5	23.11	31.11	PASS
		3	0	23.01	31.01	PASS
		3	2	23.10	31.10	PASS
		3	3	23.05	31.05	PASS
		6	0	22.06	30.06	PASS
	HCH	1	0	23.19	31.19	PASS
		1	3	23.39	31.39	PASS
		1	5	23.39	31.39	PASS
		3	0	22.95	30.95	PASS
		3	2	23.26	31.26	PASS
		3	3	23.22	31.22	PASS
		6	0	21.98	29.98	PASS
16QAM	LCH	1	0	22.08	30.08	PASS
		1	3	22.19	30.19	PASS
		1	5	22.13	30.13	PASS
		3	0	22.18	30.18	PASS
		3	2	22.43	30.43	PASS
		3	3	22.33	30.33	PASS
		6	0	21.18	29.18	PASS
	MCH	1	0	22.54	30.54	PASS
		1	3	22.63	30.63	PASS
		1	5	22.58	30.58	PASS
		3	0	22.30	30.30	PASS

		3	2	22.24	30.24	PASS
		3	3	22.21	30.21	PASS
		6	0	20.87	28.87	PASS
	HCH	1	0	21.91	29.91	PASS
		1	3	22.23	30.23	PASS
		1	5	22.28	30.28	PASS
		3	0	21.77	29.77	PASS
		3	2	22.08	30.08	PASS
		3	3	22.34	30.34	PASS
		6	0	20.99	28.99	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	23.05	31.05	PASS
		1	7	23.32	31.32	PASS
		1	14	23.06	31.06	PASS
		8	0	21.98	29.98	PASS
		8	4	22.14	30.14	PASS
		8	7	22.09	30.09	PASS
		15	0	22.23	30.23	PASS
	MCH	1	0	23.07	31.07	PASS
		1	7	23.16	31.16	PASS
		1	14	23.13	31.13	PASS
		8	0	22.19	30.19	PASS
		8	4	22.12	30.12	PASS
		8	7	22.07	30.07	PASS
		15	0	22.06	30.06	PASS
	HCH	1	0	23.13	31.13	PASS
		1	7	23.28	31.28	PASS
		1	14	23.32	31.32	PASS
		8	0	22.05	30.05	PASS
		8	4	22.05	30.05	PASS
		8	7	22.27	30.27	PASS
		15	0	22.02	30.02	PASS
16QAM	LCH	1	0	22.11	30.11	PASS
		1	7	22.51	30.51	PASS
		1	14	22.16	30.16	PASS

		8	0	21.04	29.04	PASS
		8	4	21.21	29.21	PASS
		8	7	21.18	29.18	PASS
		15	0	21.35	29.35	PASS
	MCH	1	0	22.55	30.55	PASS
		1	7	22.65	30.65	PASS
		1	14	22.54	30.54	PASS
		8	0	21.18	29.18	PASS
		8	4	21.07	29.07	PASS
		8	7	21.05	29.05	PASS
		15	0	21.00	29.00	PASS
	HCH	1	0	22.20	30.20	PASS
		1	7	22.18	30.18	PASS
		1	14	22.91	30.91	PASS
		8	0	21.48	29.48	PASS
		8	4	21.48	29.48	PASS
		8	7	21.41	29.41	PASS
		15	0	21.05	29.05	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	23.19	31.19	PASS
		1	12	23.75	31.75	PASS
		1	24	23.19	31.19	PASS
		12	0	22.16	30.16	PASS
		12	6	22.16	30.16	PASS
		12	13	21.97	29.97	PASS
		25	0	22.19	30.19	PASS
	MCH	1	0	23.07	31.07	PASS
		1	12	23.39	31.39	PASS
		1	24	23.21	31.21	PASS
		12	0	22.07	30.07	PASS
		12	6	22.06	30.06	PASS
		12	13	22.14	30.14	PASS
		25	0	22.06	30.06	PASS
	HCH	1	0	23.20	31.20	PASS
		1	12	23.36	31.36	PASS

		1	24	23.25	31.25	PASS
		12	0	22.00	30.00	PASS
		12	6	22.07	30.07	PASS
		12	13	22.03	30.03	PASS
		25	0	22.08	30.08	PASS
16QAM	LCH	1	0	21.83	29.83	PASS
		1	12	22.19	30.19	PASS
		1	24	21.63	29.63	PASS
		12	0	21.35	29.35	PASS
		12	6	21.36	29.36	PASS
		12	13	21.24	29.24	PASS
		25	0	21.24	29.24	PASS
	MCH	1	0	22.20	30.20	PASS
		1	12	22.33	30.33	PASS
		1	24	21.94	29.94	PASS
		12	0	21.18	29.18	PASS
		12	6	21.07	29.07	PASS
		12	13	21.05	29.05	PASS
		25	0	21.10	29.10	PASS
	HCH	1	0	21.67	29.67	PASS
		1	12	21.68	29.68	PASS
		1	24	21.88	29.88	PASS
		12	0	21.02	29.02	PASS
		12	6	21.04	29.04	PASS
		12	13	21.04	29.04	PASS
		25	0	21.14	29.14	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	22.97	30.97	PASS
		1	24	23.34	31.34	PASS
		1	49	22.78	30.78	PASS
		25	0	22.17	30.17	PASS
		25	12	22.12	30.12	PASS
		25	25	21.90	29.90	PASS
		50	0	21.97	29.97	PASS
	MCH	1	0	23.18	31.18	PASS

		1	24	23.46	31.46	PASS
		1	49	23.05	31.05	PASS
		25	0	22.05	30.05	PASS
		25	12	22.17	30.17	PASS
		25	25	22.03	30.03	PASS
		50	0	21.94	29.94	PASS
	HCH	1	0	23.05	31.05	PASS
		1	24	23.51	31.51	PASS
		1	49	22.93	30.93	PASS
		25	0	22.03	30.03	PASS
		25	12	22.21	30.21	PASS
		25	25	21.99	29.99	PASS
		50	0	22.06	30.06	PASS
16QAM	LCH	1	0	22.58	30.58	PASS
		1	24	22.79	30.79	PASS
		1	49	21.98	29.98	PASS
		25	0	21.12	29.12	PASS
		25	12	21.09	29.09	PASS
		25	25	20.86	28.86	PASS
		50	0	21.11	29.11	PASS
	MCH	1	0	22.21	30.21	PASS
		1	24	22.48	30.48	PASS
		1	49	22.14	30.14	PASS
		25	0	21.20	29.20	PASS
		25	12	21.21	29.21	PASS
		25	25	21.18	29.18	PASS
		50	0	20.89	28.89	PASS
	HCH	1	0	22.14	30.14	PASS
		1	24	23.00	31.00	PASS
		1	49	22.37	30.37	PASS
		25	0	21.06	29.06	PASS
		25	12	21.24	29.24	PASS
		25	25	21.08	29.08	PASS
		50	0	21.12	29.12	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	4.78	<13	PASS
		1	3	4.67	<13	PASS
		1	5	4.73	<13	PASS
		3	0	4.90	<13	PASS
		3	2	4.76	<13	PASS
		3	3	4.77	<13	PASS
		6	0	5.44	<13	PASS
	MCH	1	0	4.84	<13	PASS
		1	3	4.78	<13	PASS
		1	5	4.85	<13	PASS
		3	0	4.97	<13	PASS
		3	2	4.93	<13	PASS
		3	3	5.02	<13	PASS
		6	0	5.61	<13	PASS
	HCH	1	0	4.41	<13	PASS
		1	3	4.27	<13	PASS
		1	5	4.37	<13	PASS
		3	0	4.58	<13	PASS
		3	2	4.50	<13	PASS
		3	3	4.51	<13	PASS
		6	0	5.23	<13	PASS
16QAM	LCH	1	0	5.61	<13	PASS
		1	3	5.57	<13	PASS
		1	5	5.61	<13	PASS
		3	0	5.79	<13	PASS
		3	2	5.71	<13	PASS
		3	3	5.79	<13	PASS
		6	0	6.36	<13	PASS
	MCH	1	0	5.77	<13	PASS
		1	3	5.64	<13	PASS

		1	5	5.80	<13	PASS
		3	0	5.94	<13	PASS
		3	2	5.80	<13	PASS
		3	3	5.90	<13	PASS
		6	0	6.54	<13	PASS
	HCH	1	0	5.38	<13	PASS
		1	3	5.25	<13	PASS
		1	5	5.24	<13	PASS
		3	0	5.38	<13	PASS
		3	2	5.38	<13	PASS
		3	3	5.37	<13	PASS
		6	0	6.18	<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	4.73	<13	PASS
		1	7	4.51	<13	PASS
		1	14	4.59	<13	PASS
		8	0	5.27	<13	PASS
		8	4	5.10	<13	PASS
		8	7	5.18	<13	PASS
		15	0	5.45	<13	PASS
	MCH	1	0	4.79	<13	PASS
		1	7	4.74	<13	PASS
		1	14	4.80	<13	PASS
		8	0	5.37	<13	PASS
		8	4	5.32	<13	PASS
		8	7	5.39	<13	PASS
		15	0	5.67	<13	PASS
	HCH	1	0	4.40	<13	PASS
		1	7	4.26	<13	PASS
		1	14	4.42	<13	PASS
		8	0	5.00	<13	PASS
		8	4	5.00	<13	PASS
		8	7	5.08	<13	PASS
		15	0	5.26	<13	PASS
16QAM	LCH	1	0	5.51	<13	PASS

		1	7	5.37	<13	PASS
		1	14	5.41	<13	PASS
		8	0	6.20	<13	PASS
		8	4	6.00	<13	PASS
		8	7	6.01	<13	PASS
		15	0	6.43	<13	PASS
	MCH	1	0	5.59	<13	PASS
		1	7	5.47	<13	PASS
		1	14	5.57	<13	PASS
		8	0	6.29	<13	PASS
		8	4	6.22	<13	PASS
		8	7	6.22	<13	PASS
		15	0	6.57	<13	PASS
	HCH	1	0	5.24	<13	PASS
		1	7	5.22	<13	PASS
		1	14	5.30	<13	PASS
		8	0	5.89	<13	PASS
		8	4	5.88	<13	PASS
		8	7	5.91	<13	PASS
		15	0	6.20	<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	4.73	<13	PASS
		1	12	4.49	<13	PASS
		1	24	4.71	<13	PASS
		12	0	5.20	<13	PASS
		12	6	5.07	<13	PASS
		12	13	5.22	<13	PASS
		25	0	5.44	<13	PASS
	MCH	1	0	4.76	<13	PASS
		1	12	4.73	<13	PASS
		1	24	4.68	<13	PASS
		12	0	5.35	<13	PASS
		12	6	5.25	<13	PASS
		12	13	5.31	<13	PASS
		25	0	5.63	<13	PASS

	HCH	1	0	4.51	<13	PASS
		1	12	4.27	<13	PASS
		1	24	4.43	<13	PASS
		12	0	5.01	<13	PASS
		12	6	4.90	<13	PASS
		12	13	5.04	<13	PASS
		25	0	5.35	<13	PASS
16QAM	LCH	1	0	5.51	<13	PASS
		1	12	5.20	<13	PASS
		1	24	5.46	<13	PASS
		12	0	6.07	<13	PASS
		12	6	5.96	<13	PASS
		12	13	6.05	<13	PASS
		25	0	6.24	<13	PASS
	MCH	1	0	5.62	<13	PASS
		1	12	5.62	<13	PASS
		1	24	5.71	<13	PASS
		12	0	6.27	<13	PASS
		12	6	6.16	<13	PASS
		12	13	6.21	<13	PASS
		25	0	6.41	<13	PASS
	HCH	1	0	5.33	<13	PASS
		1	12	5.05	<13	PASS
		1	24	5.28	<13	PASS
		12	0	5.86	<13	PASS
		12	6	5.75	<13	PASS
		12	13	5.92	<13	PASS
		25	0	6.07	<13	PASS

Channel Bandwidth: 10 MHz

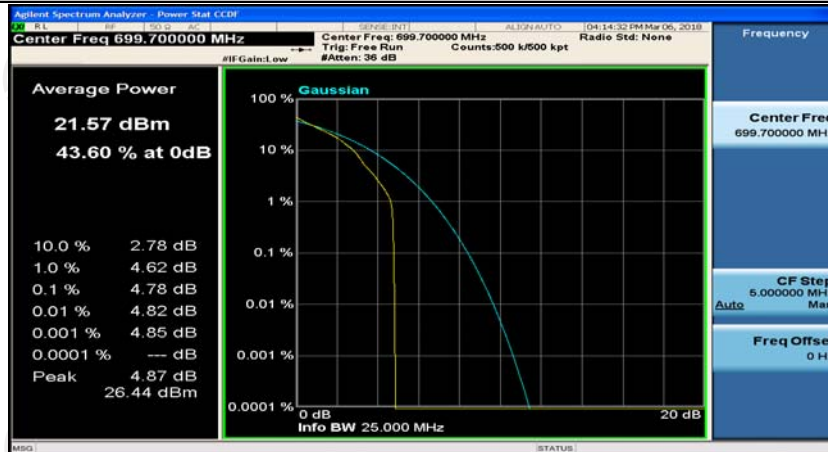
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.62	<13	PASS
		1	24	4.49	<13	PASS
		1	49	4.77	<13	PASS
		25	0	5.16	<13	PASS
		25	12	5.17	<13	PASS
		25	25	5.33	<13	PASS

	MCH	50	0	5.55	<13	PASS
		1	0	4.57	<13	PASS
		1	24	4.71	<13	PASS
		1	49	4.51	<13	PASS
		25	0	5.29	<13	PASS
		25	12	5.24	<13	PASS
		25	25	5.23	<13	PASS
		50	0	5.54	<13	PASS
	HCH	1	0	4.76	<13	PASS
		1	24	4.48	<13	PASS
		1	49	4.50	<13	PASS
		25	0	5.26	<13	PASS
		25	12	5.04	<13	PASS
		25	25	5.04	<13	PASS
		50	0	5.37	<13	PASS
16QAM	LCH	1	0	5.42	<13	PASS
		1	24	5.23	<13	PASS
		1	49	5.60	<13	PASS
		25	0	6.09	<13	PASS
		25	12	6.07	<13	PASS
		25	25	6.27	<13	PASS
		50	0	6.37	<13	PASS
	MCH	1	0	5.42	<13	PASS
		1	24	5.38	<13	PASS
		1	49	5.39	<13	PASS
		25	0	6.21	<13	PASS
		25	12	6.15	<13	PASS
		25	25	6.14	<13	PASS
		50	0	6.35	<13	PASS
	HCH	1	0	5.55	<13	PASS
		1	24	5.09	<13	PASS
		1	49	5.26	<13	PASS
		25	0	6.20	<13	PASS
		25	12	5.96	<13	PASS
		25	25	5.96	<13	PASS
		50	0	6.25	<13	PASS

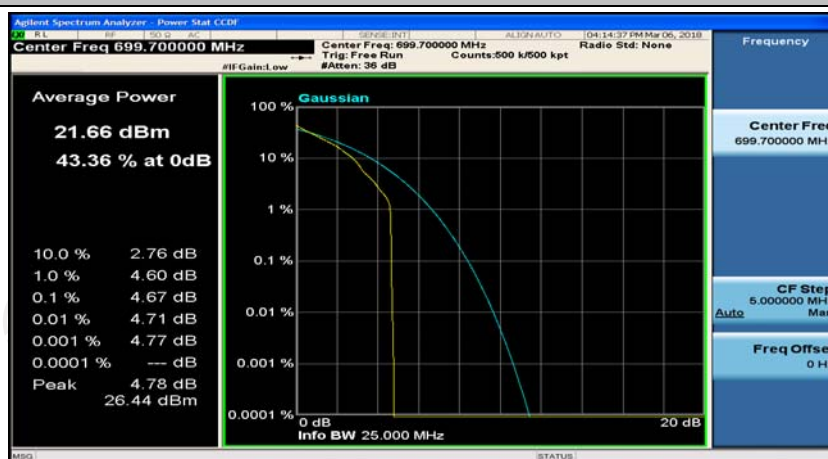
Test Graphs

Channel Bandwidth: 1.4 MHz

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



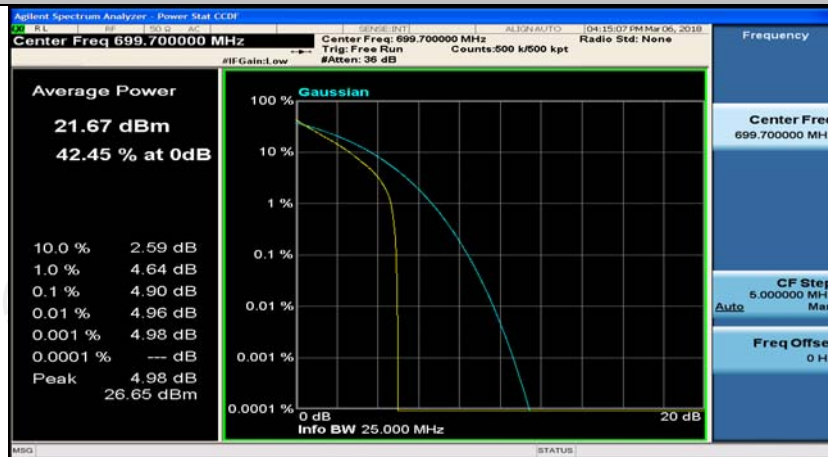
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3



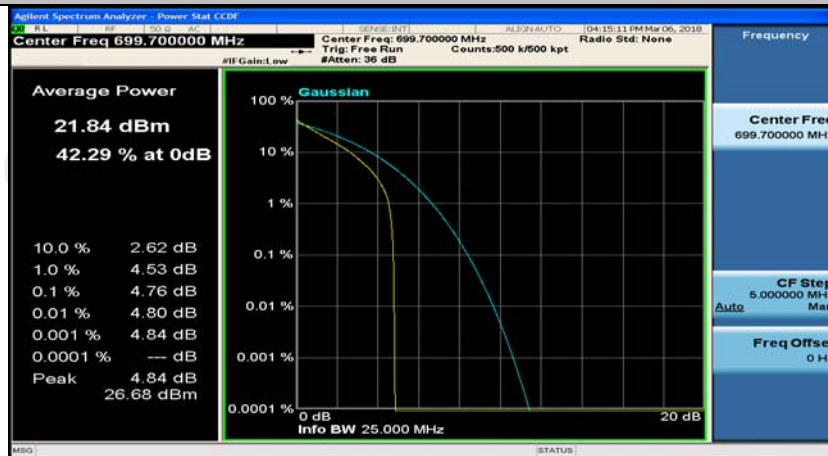
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0



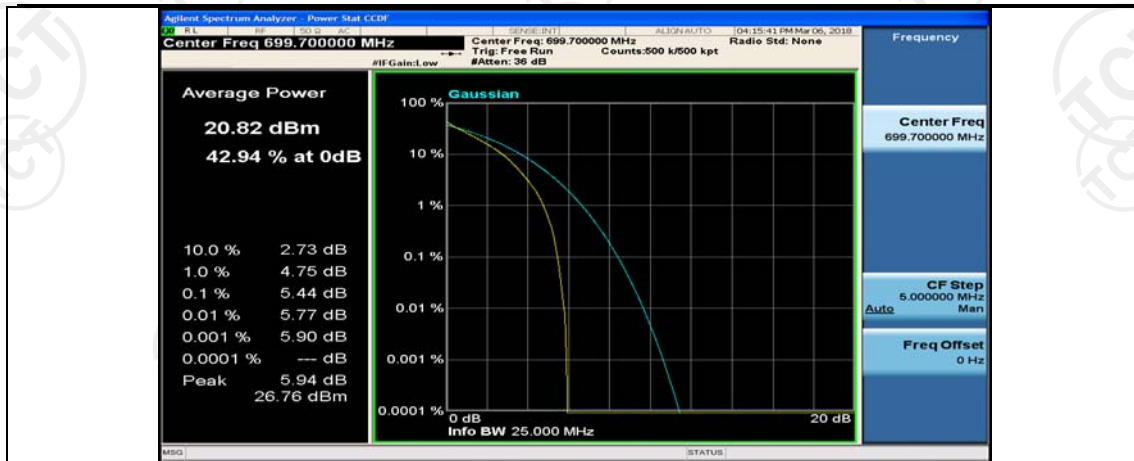
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



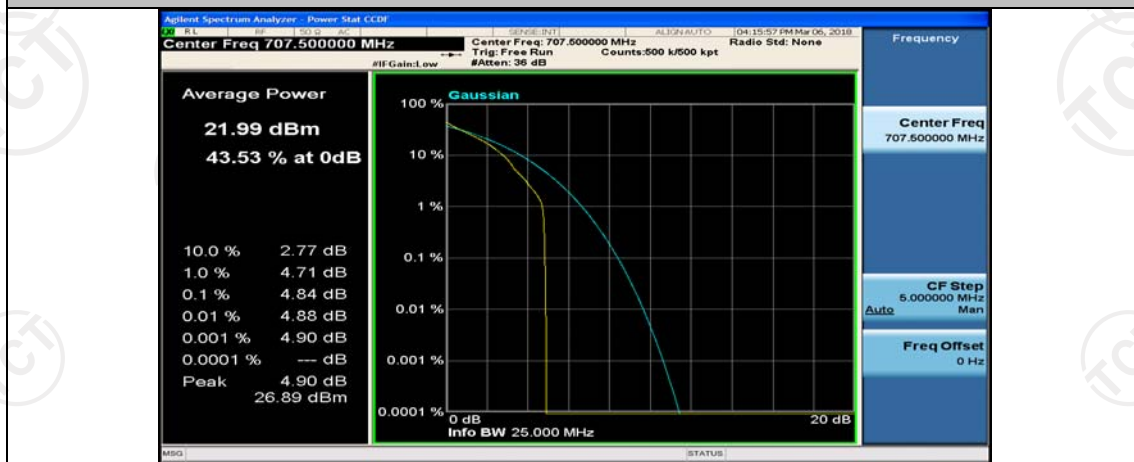
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



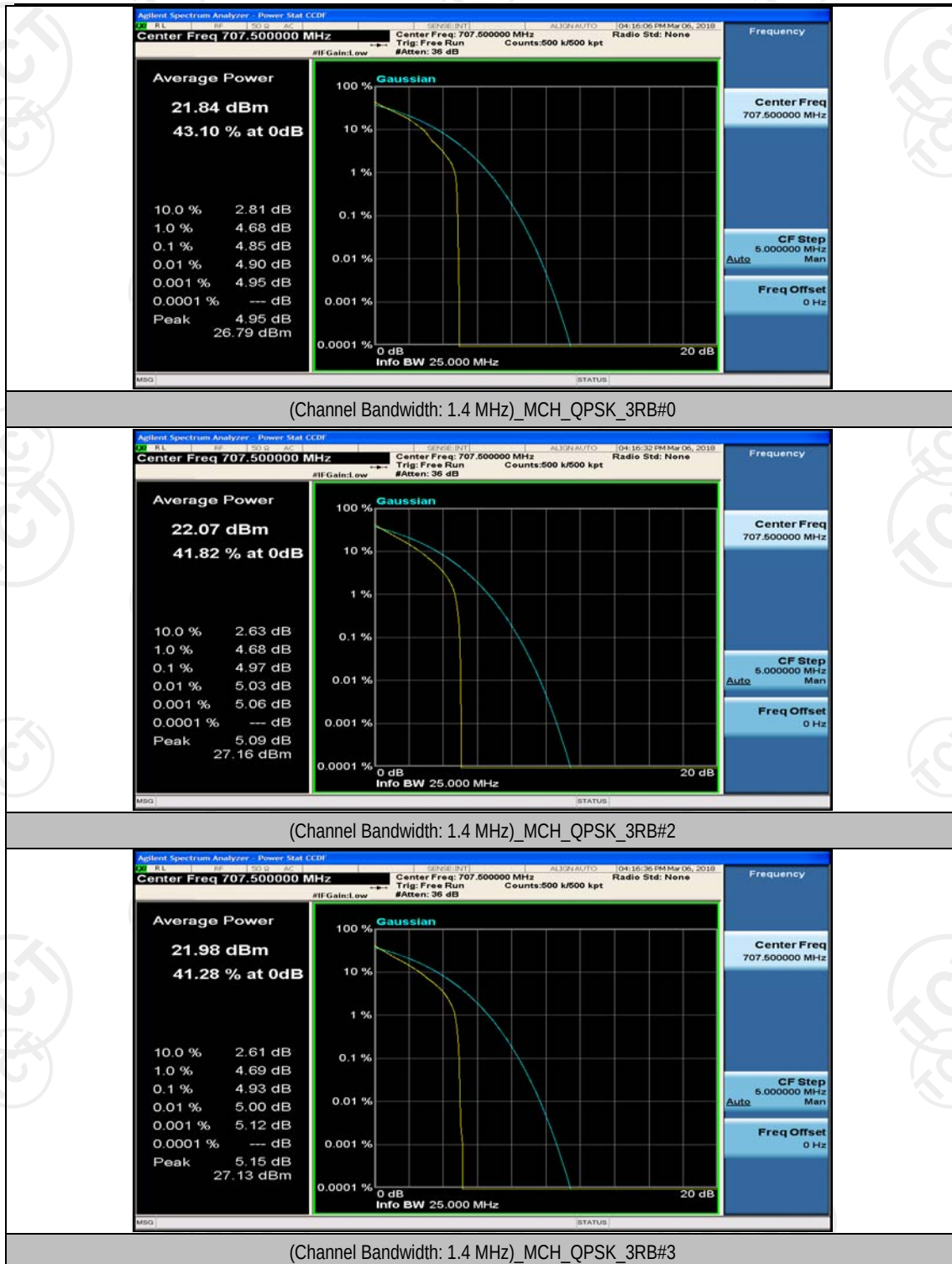
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

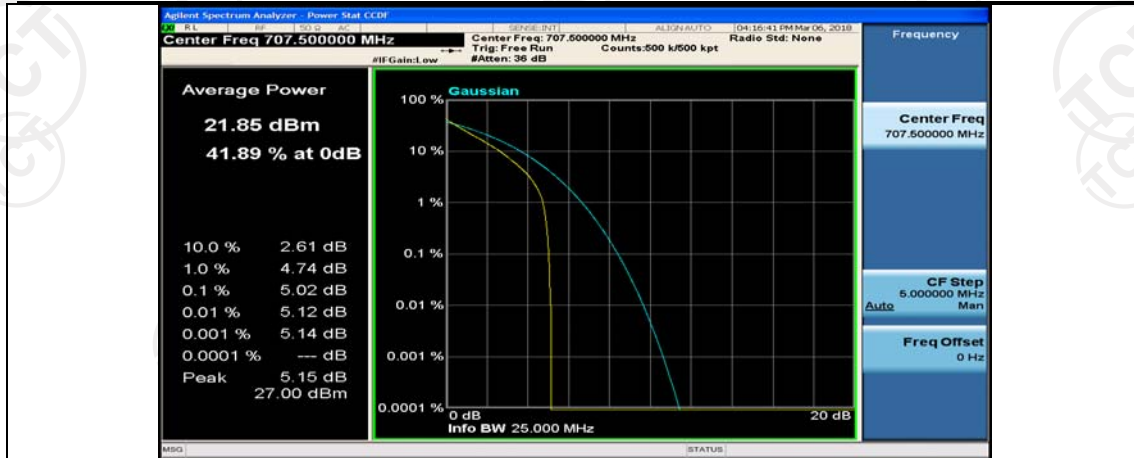


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

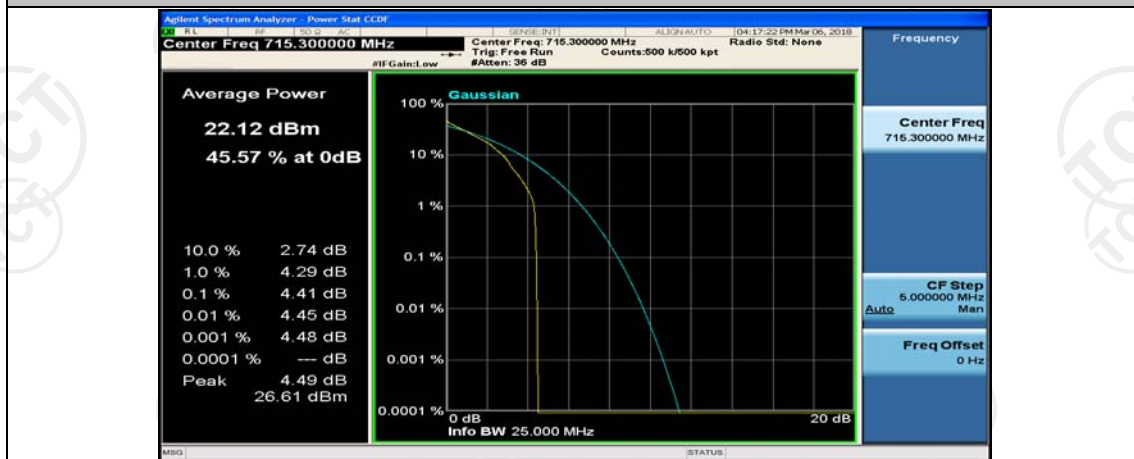




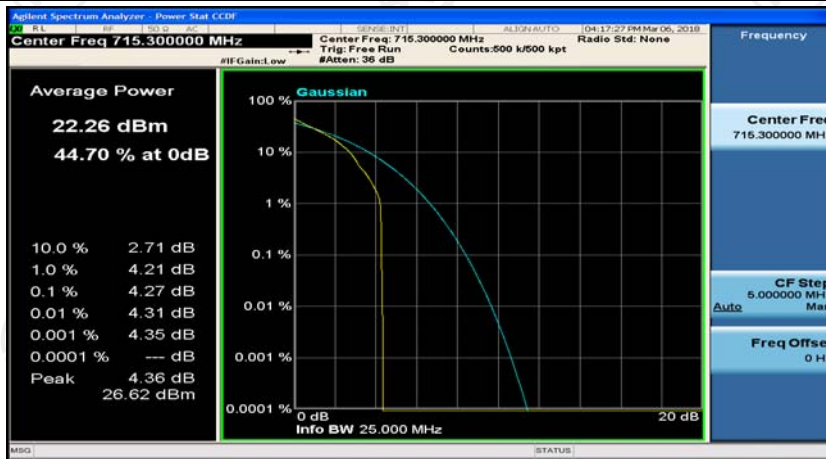
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



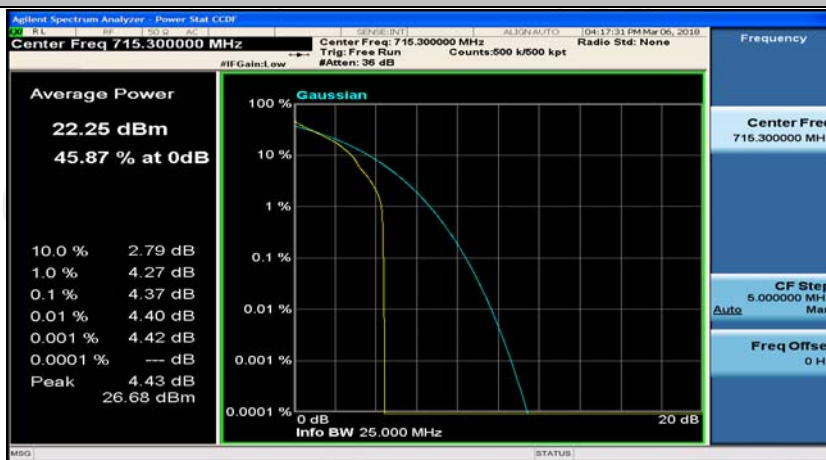
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



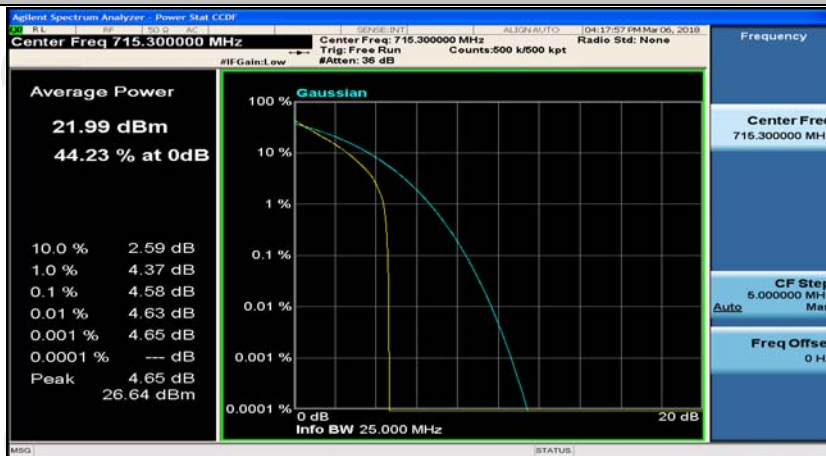
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



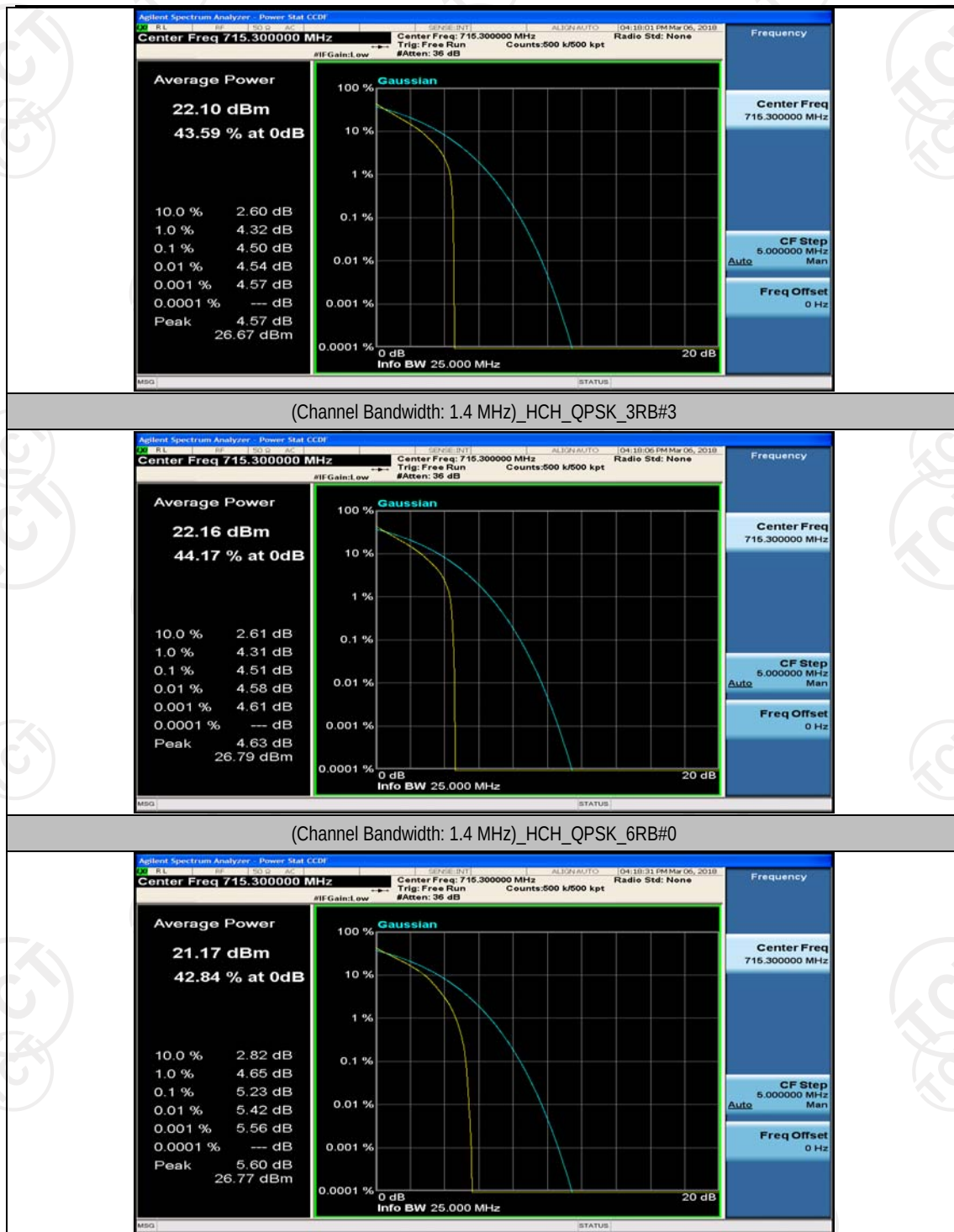
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



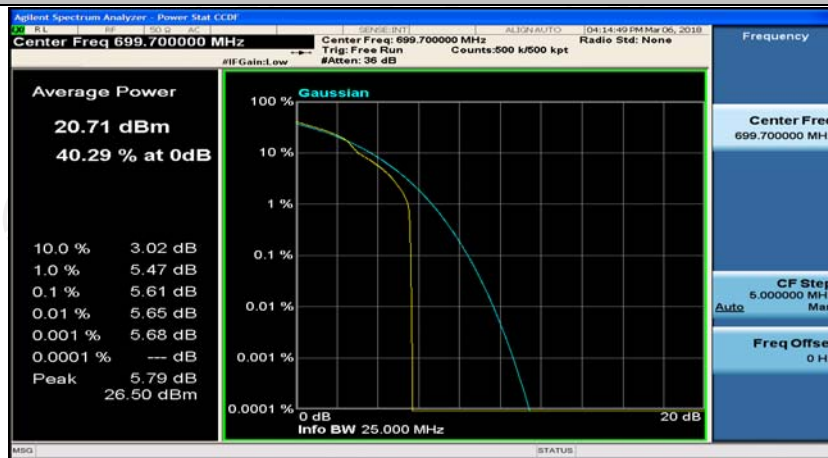
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



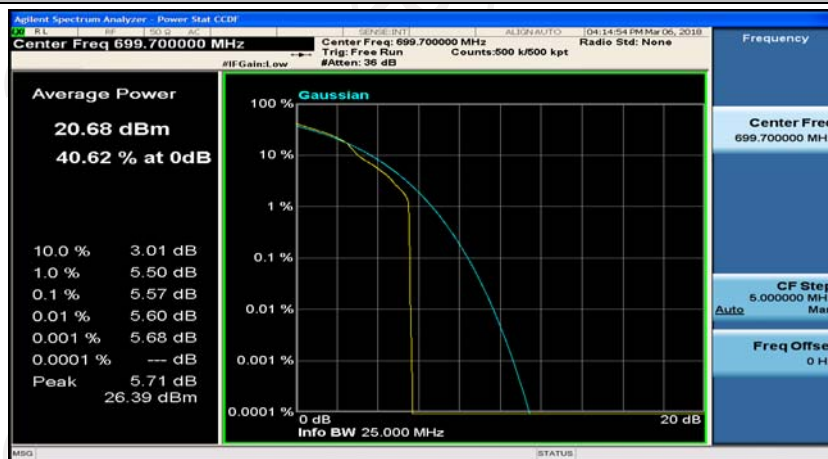
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



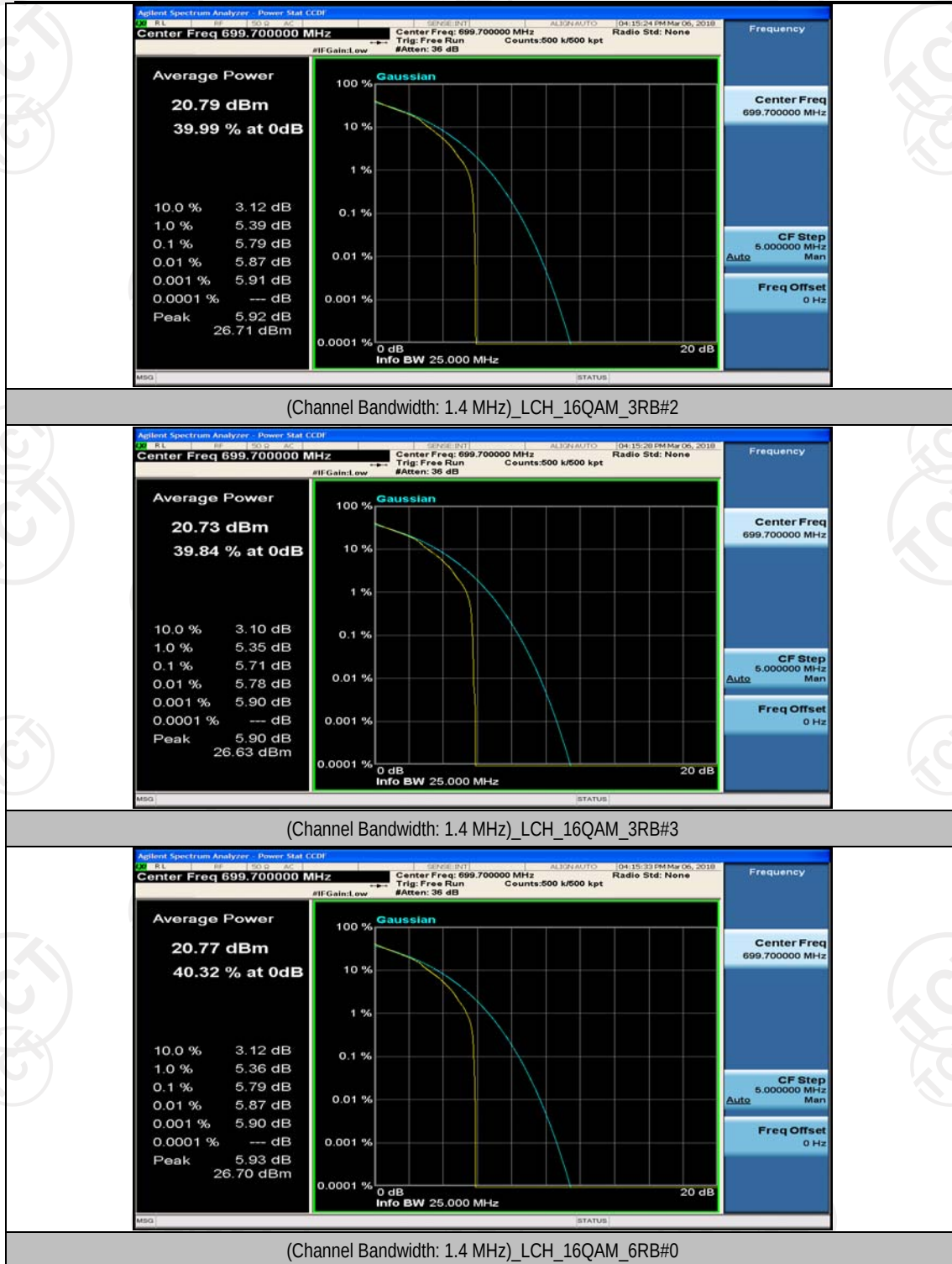
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5

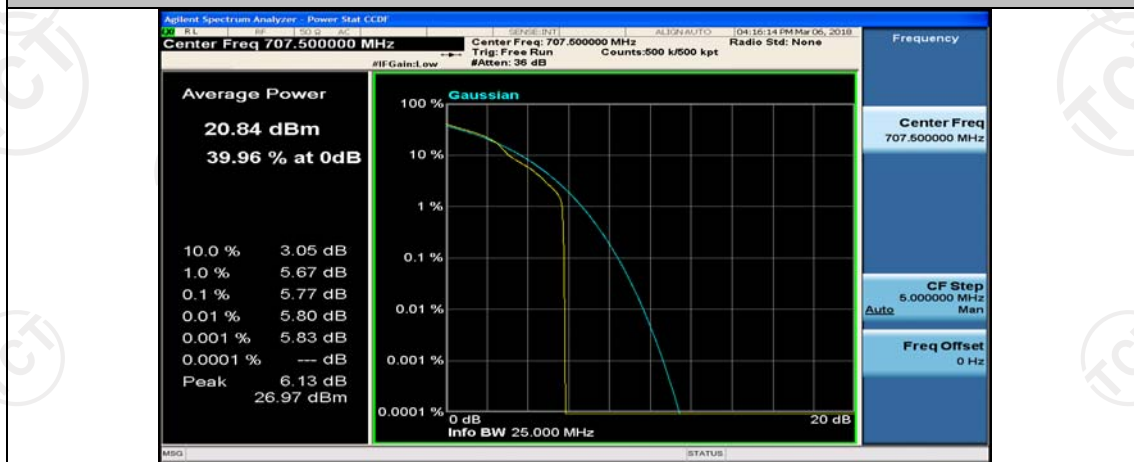


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0

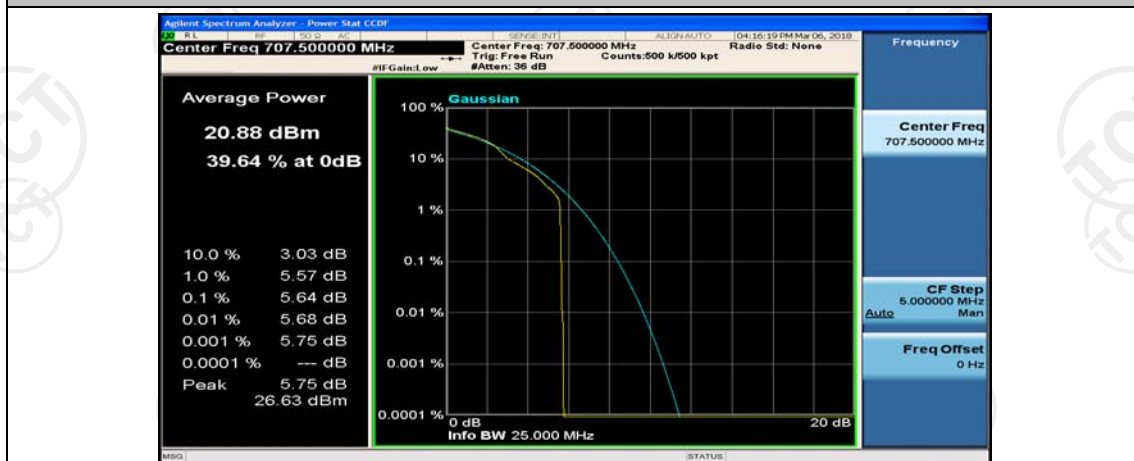




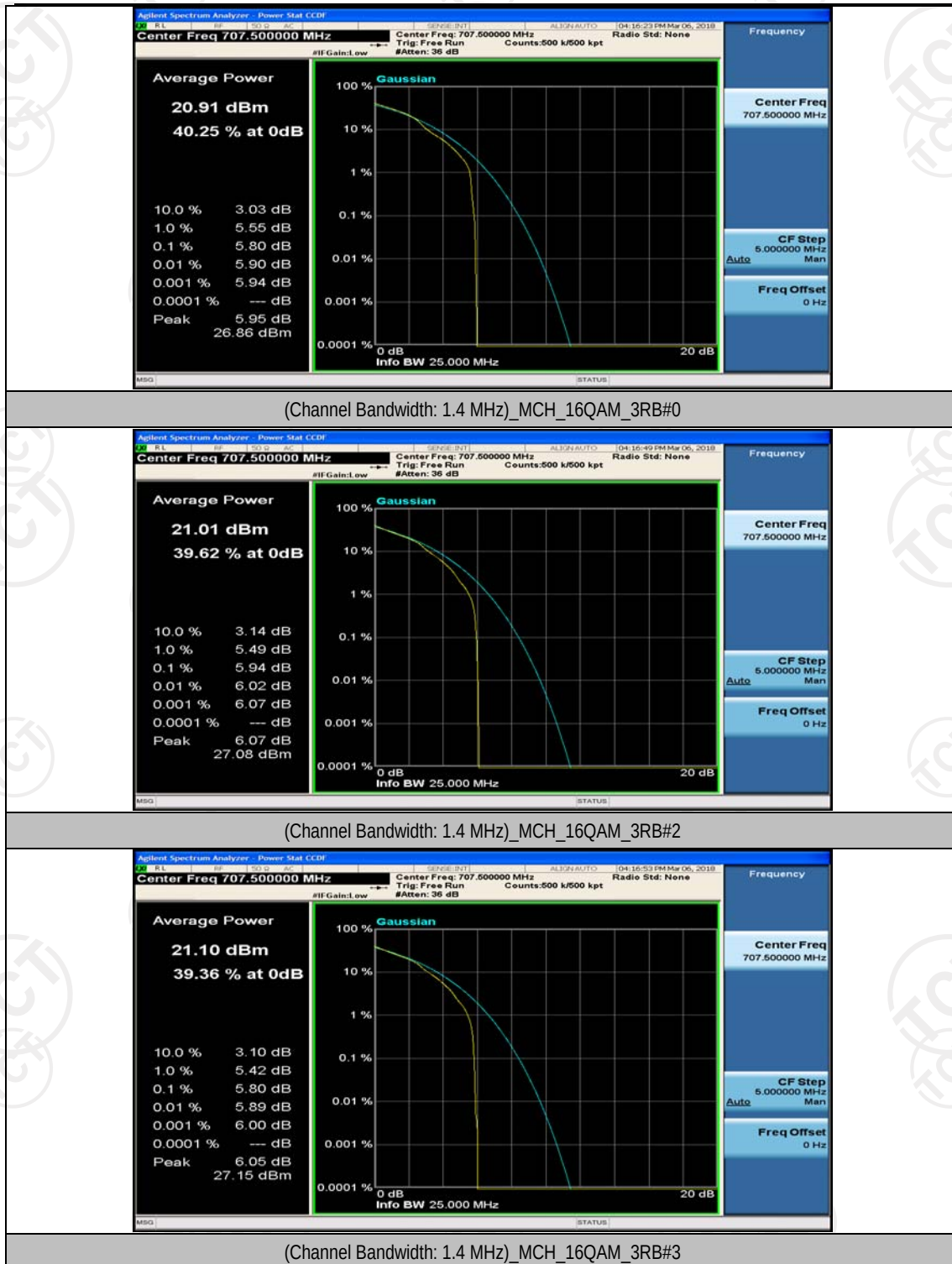
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

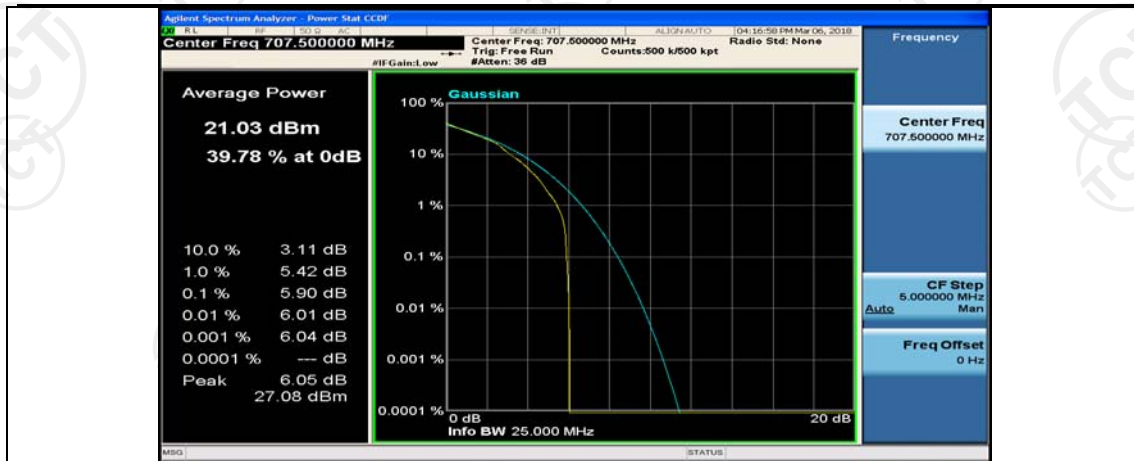


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5





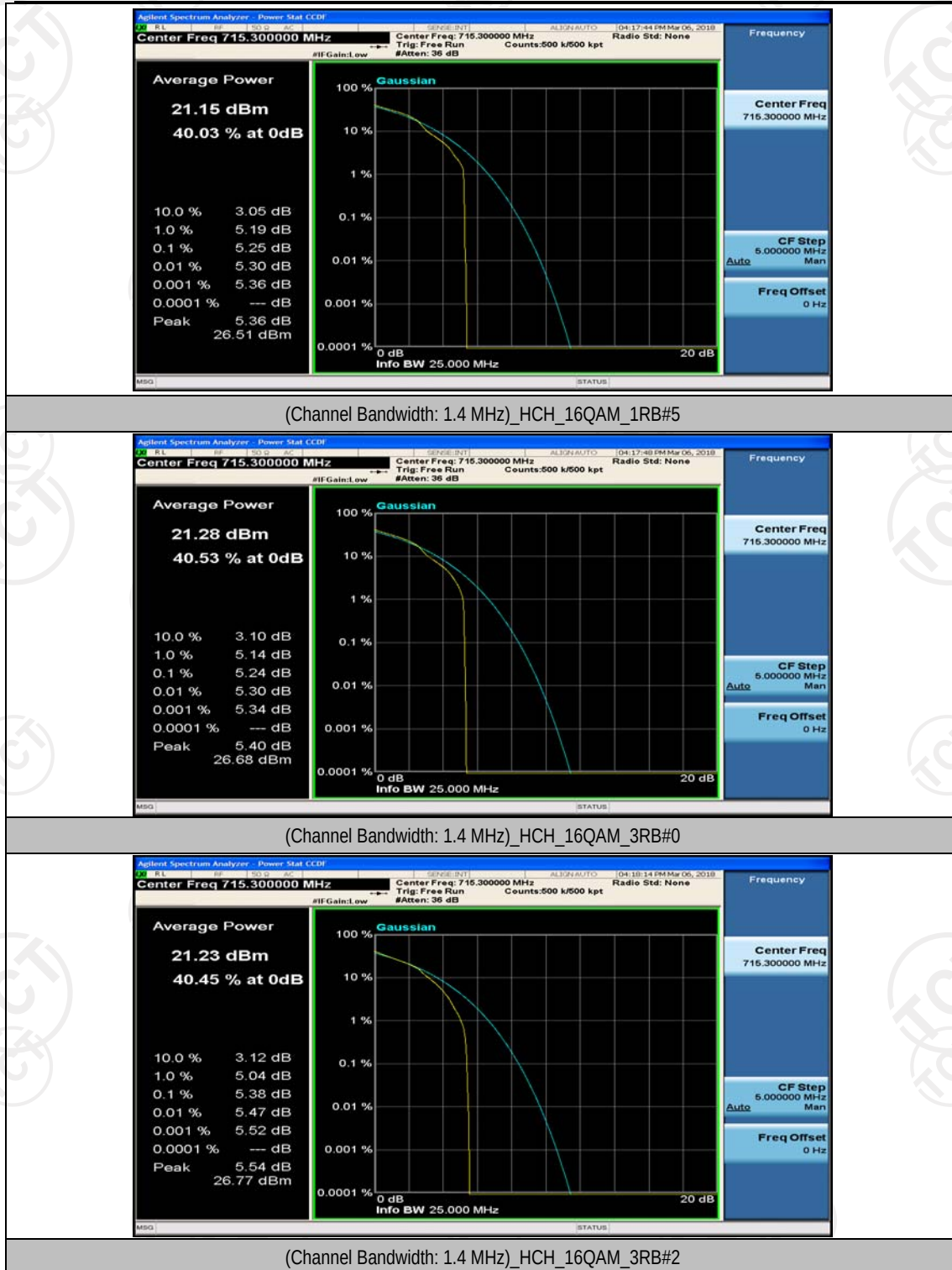
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0

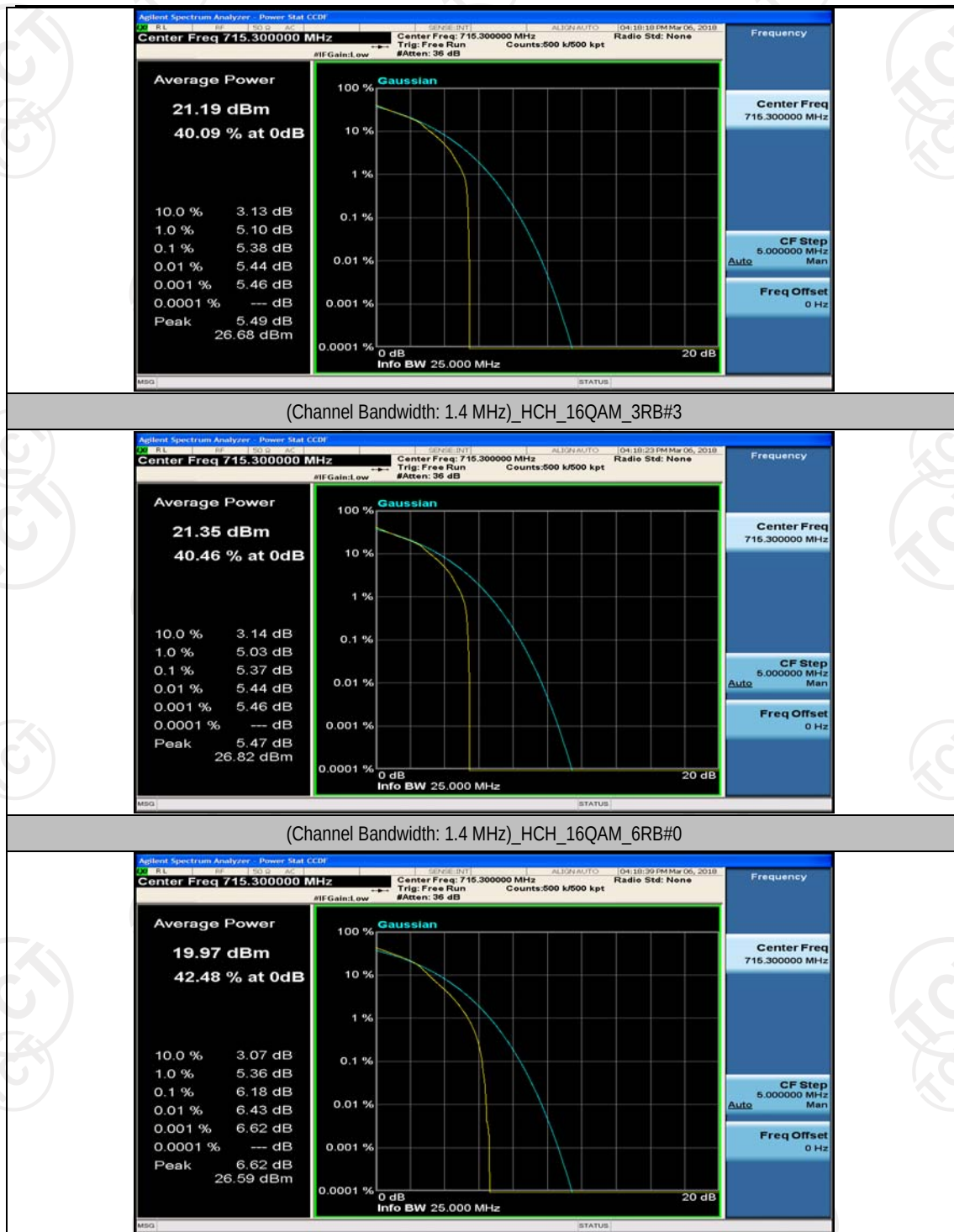


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



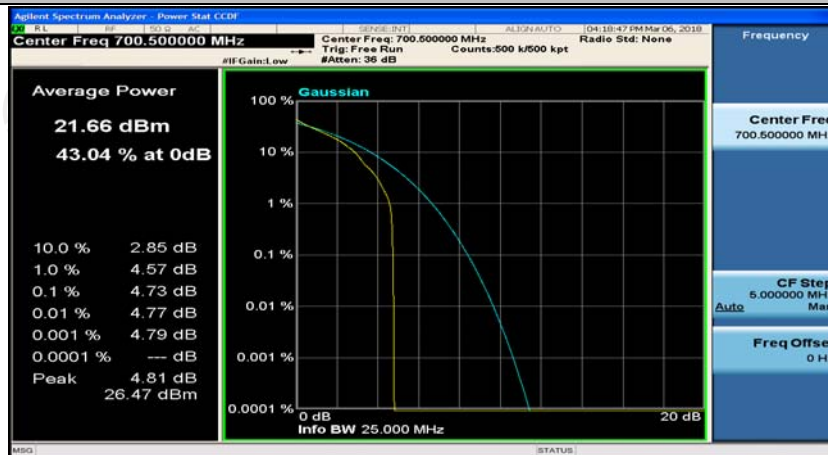
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



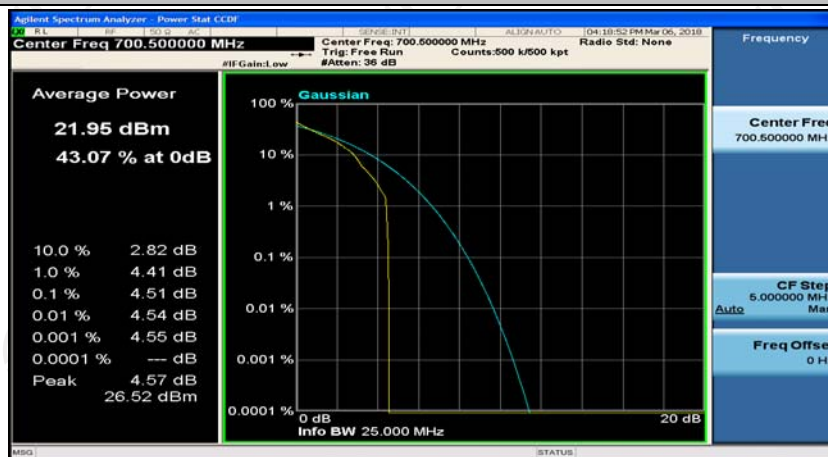


Channel Bandwidth: 3 MHz

(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



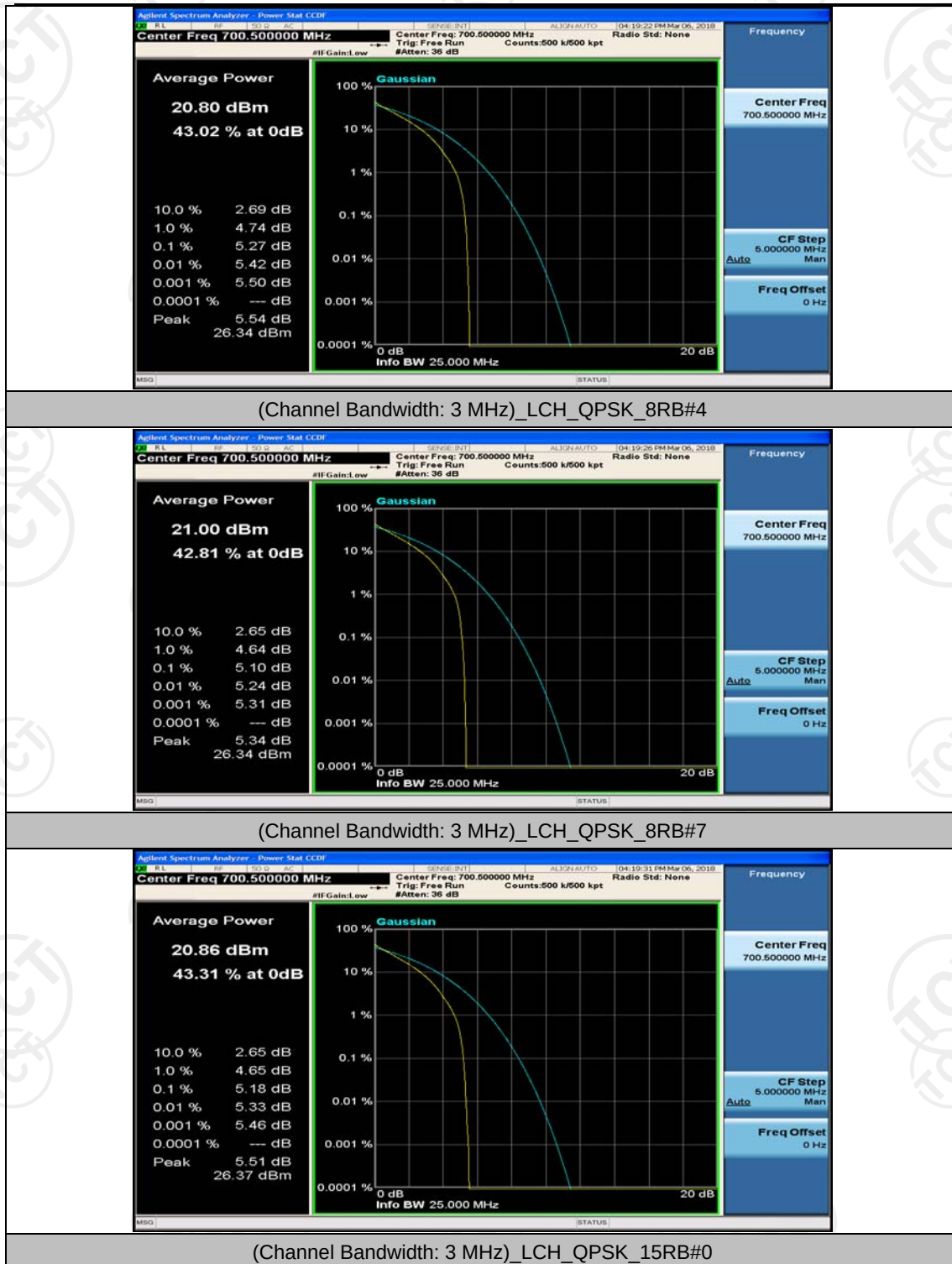
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7

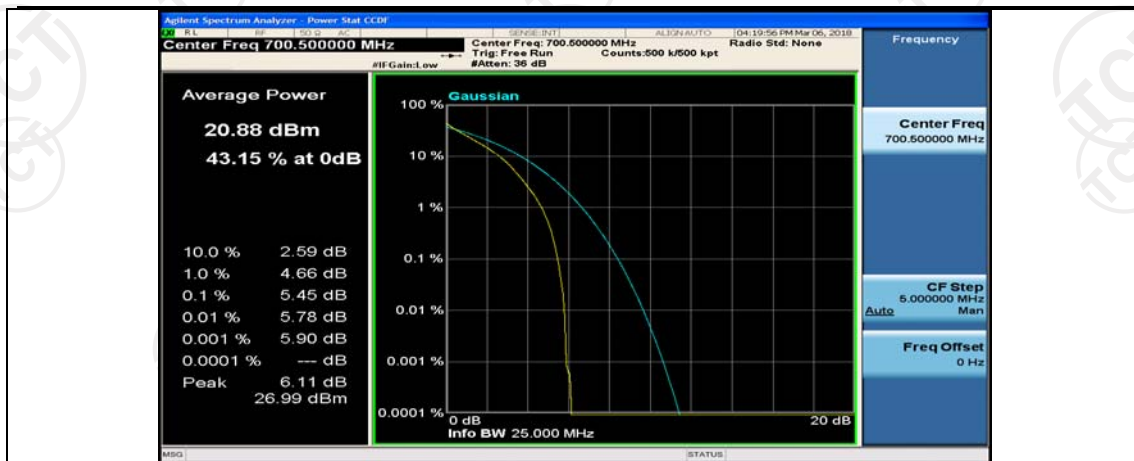


(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0





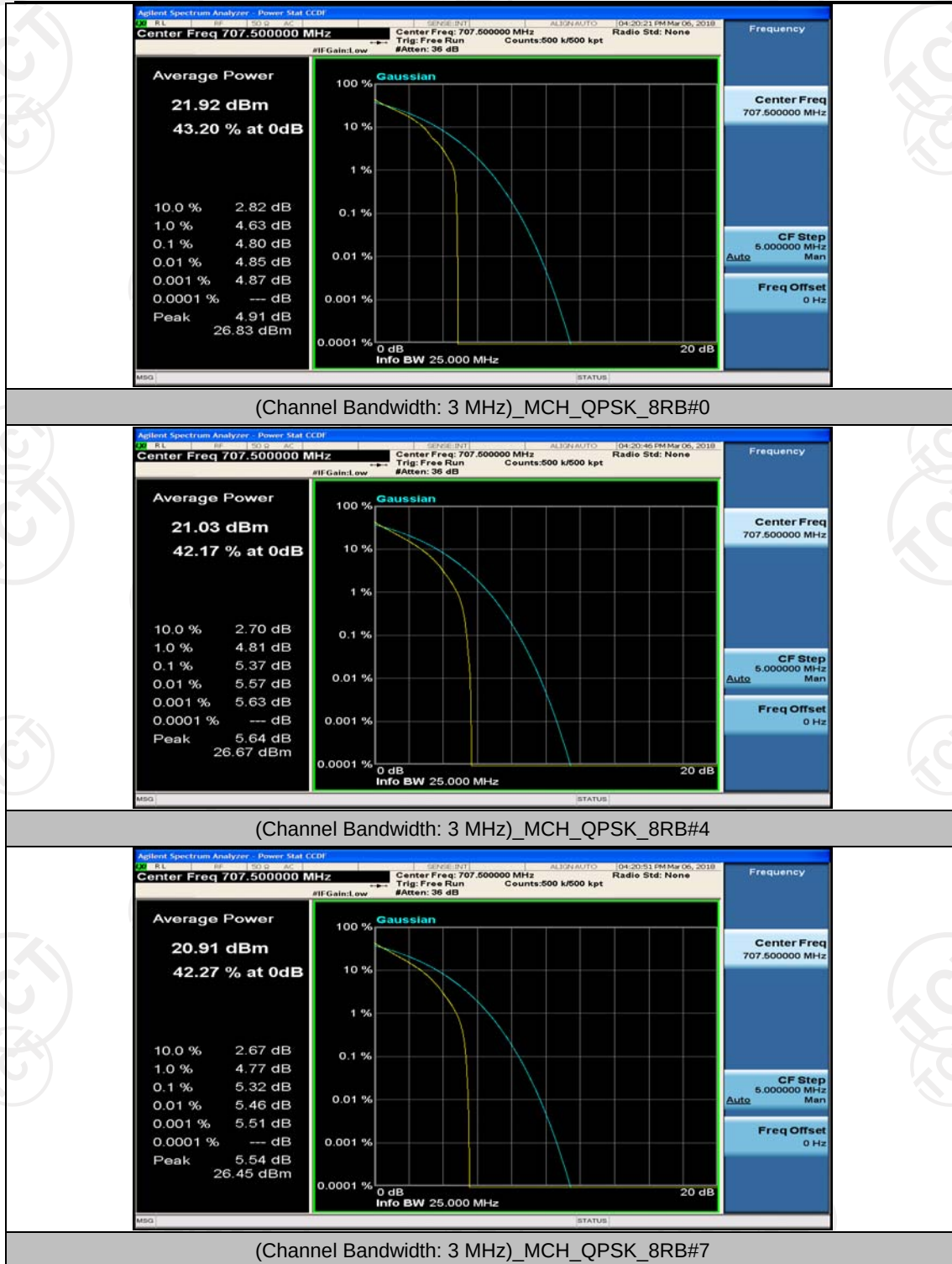
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

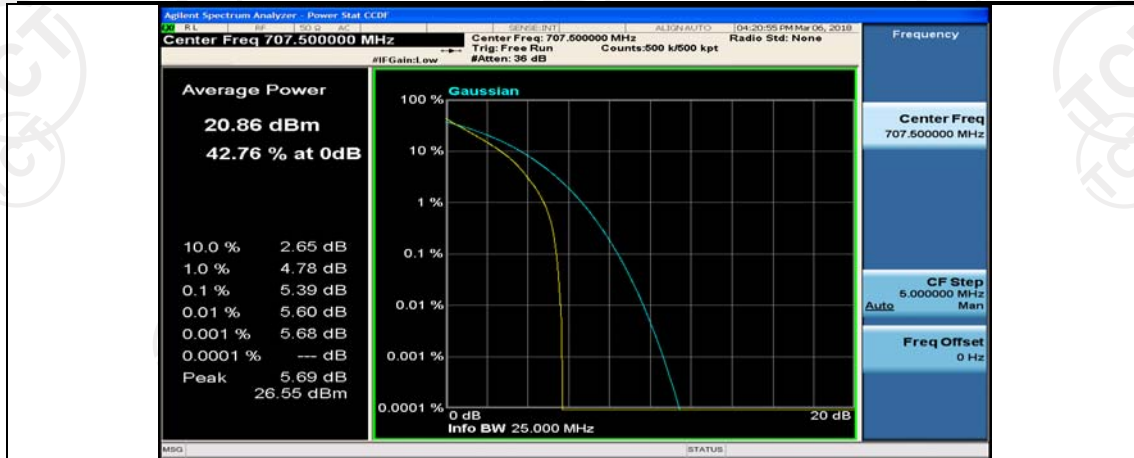


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

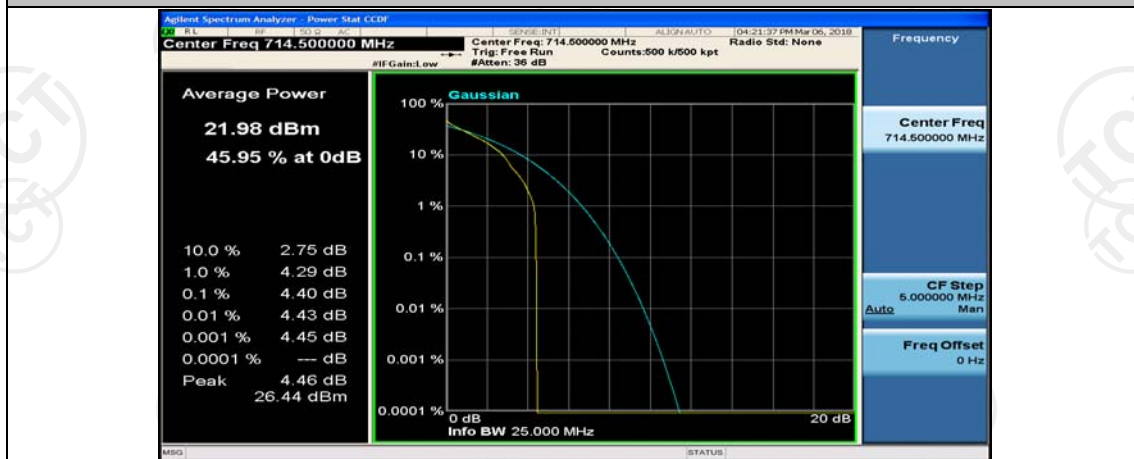




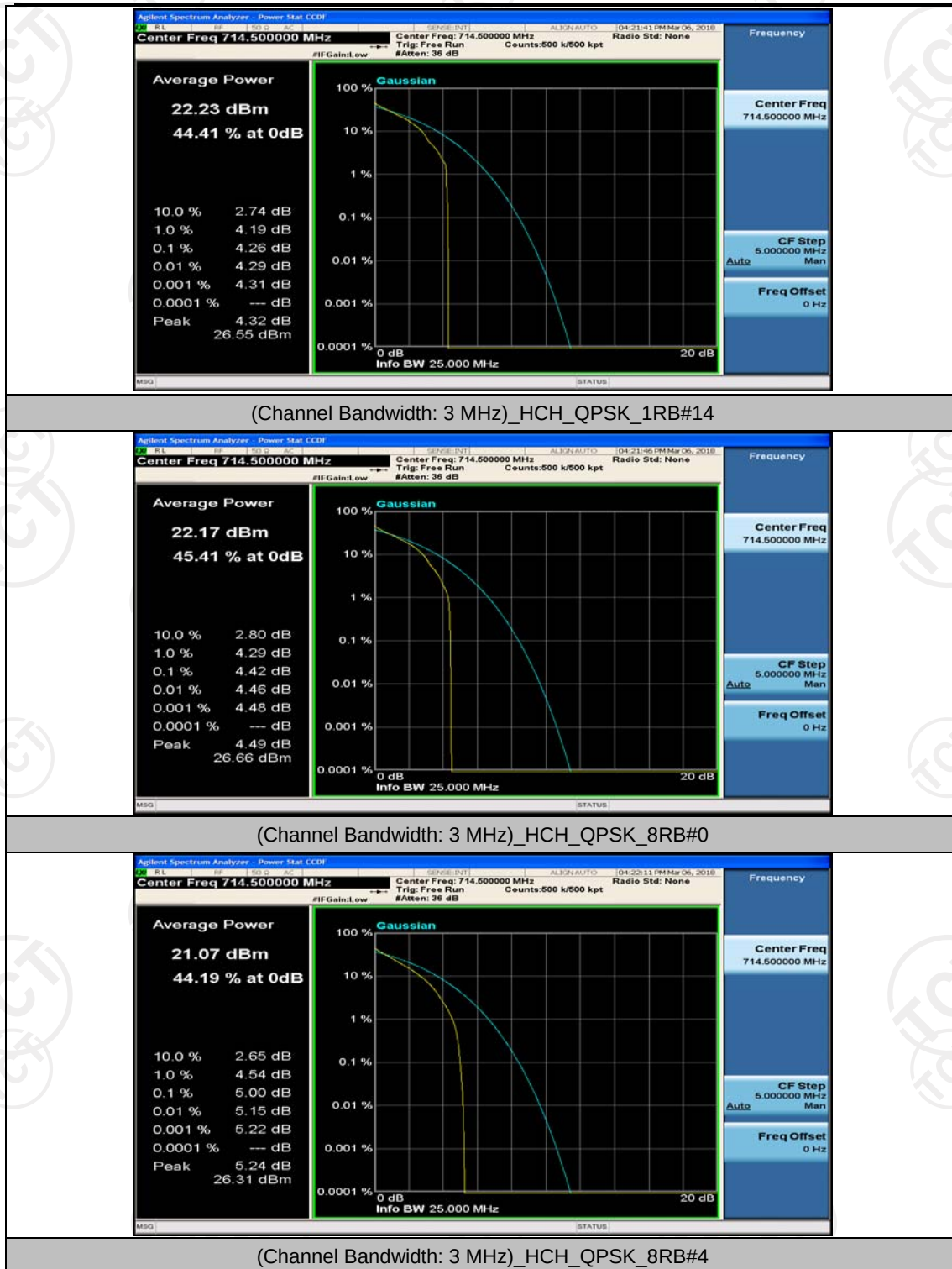
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0

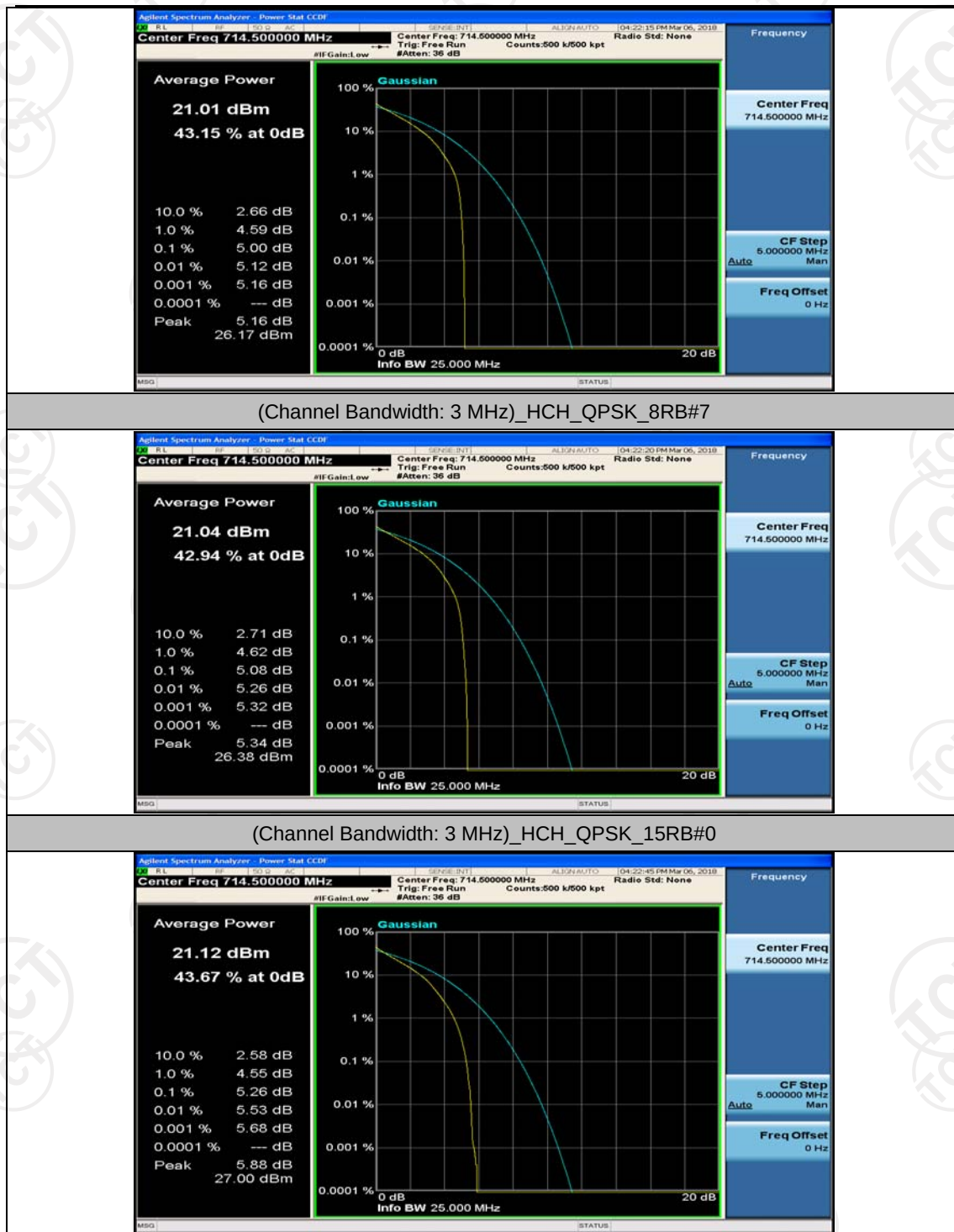


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

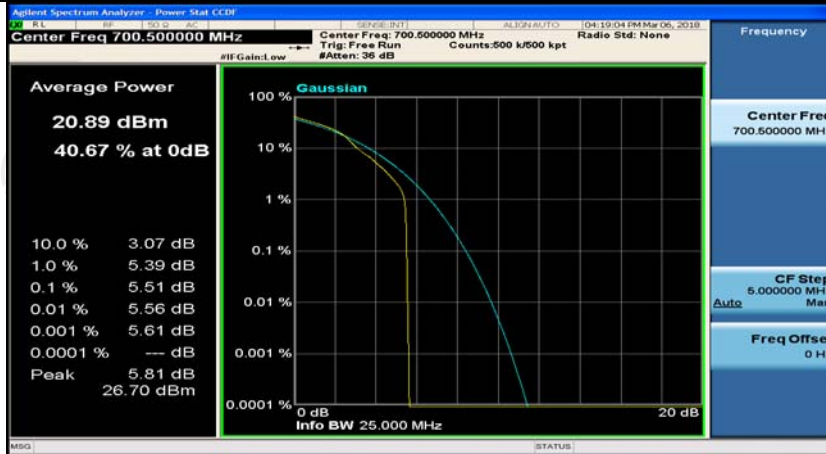


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7

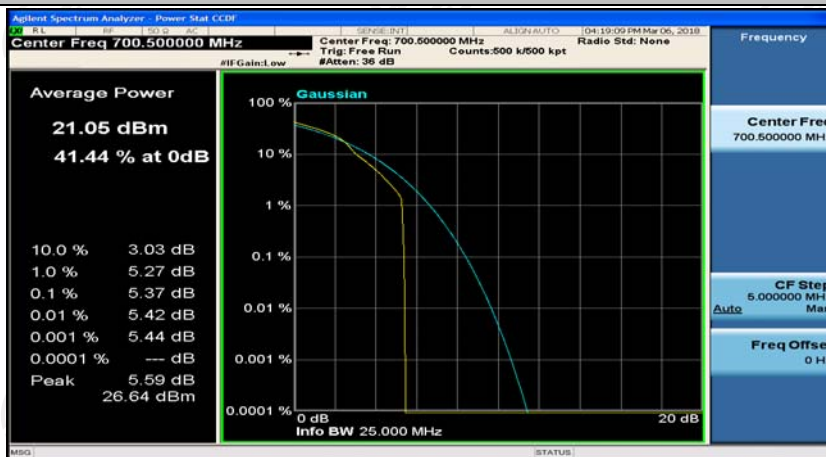




(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



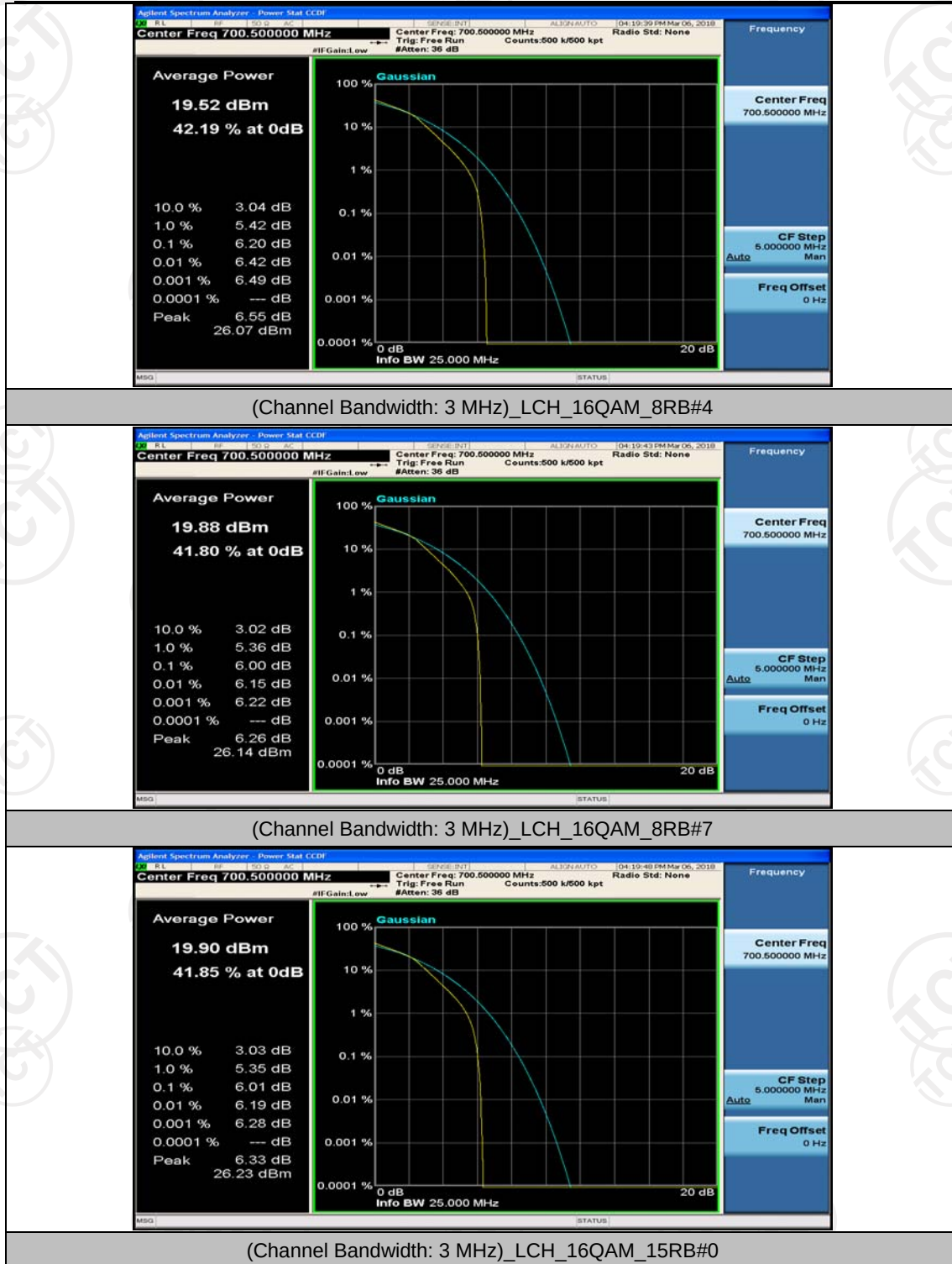
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7

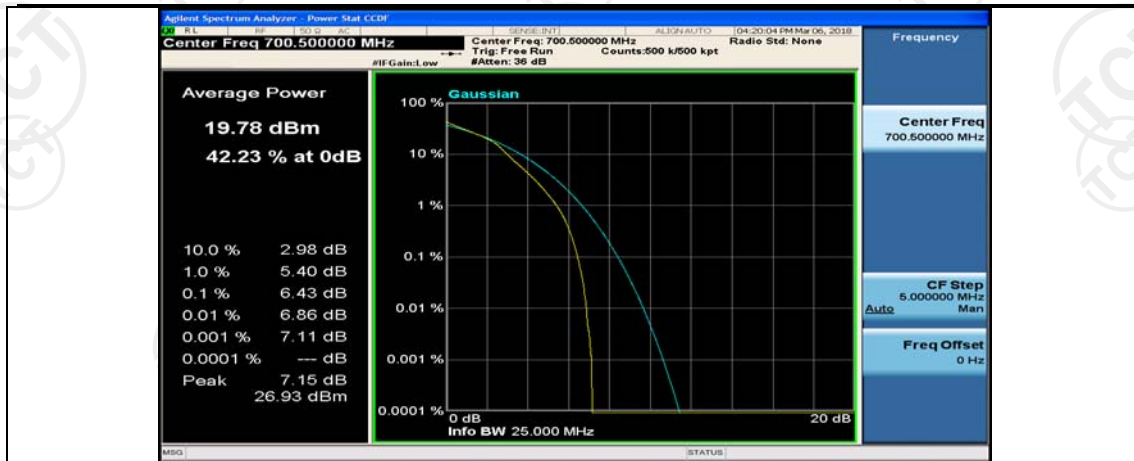


(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14

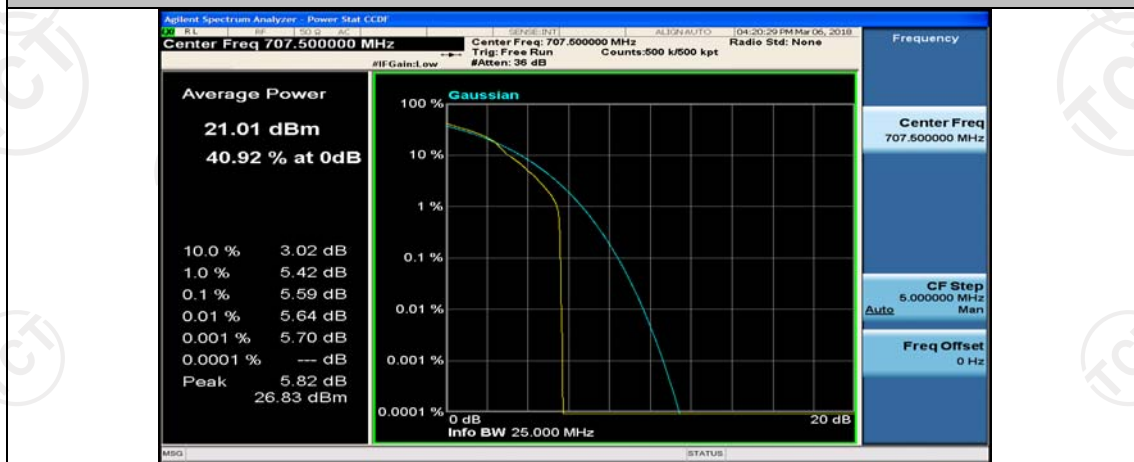


(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0





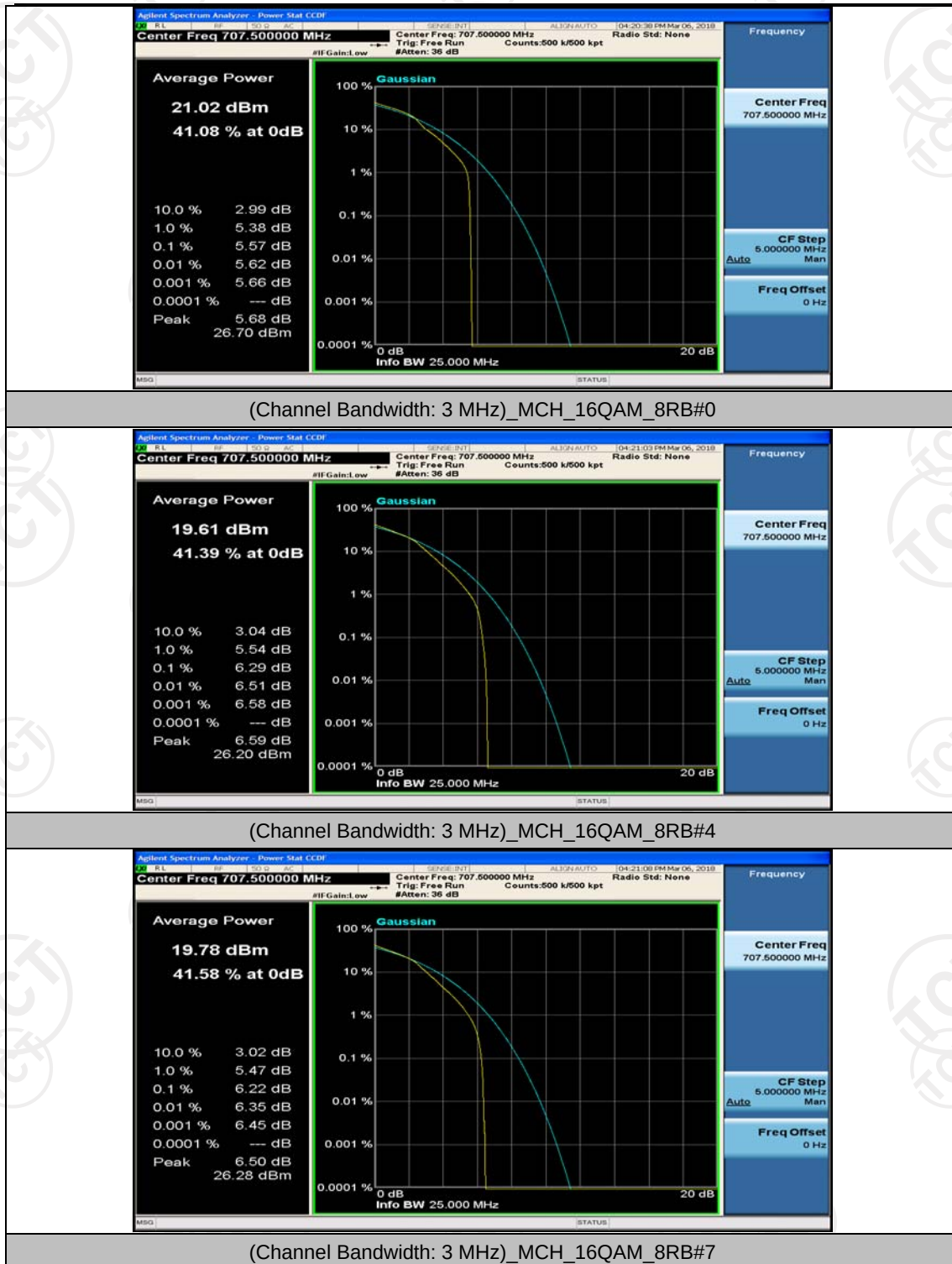
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

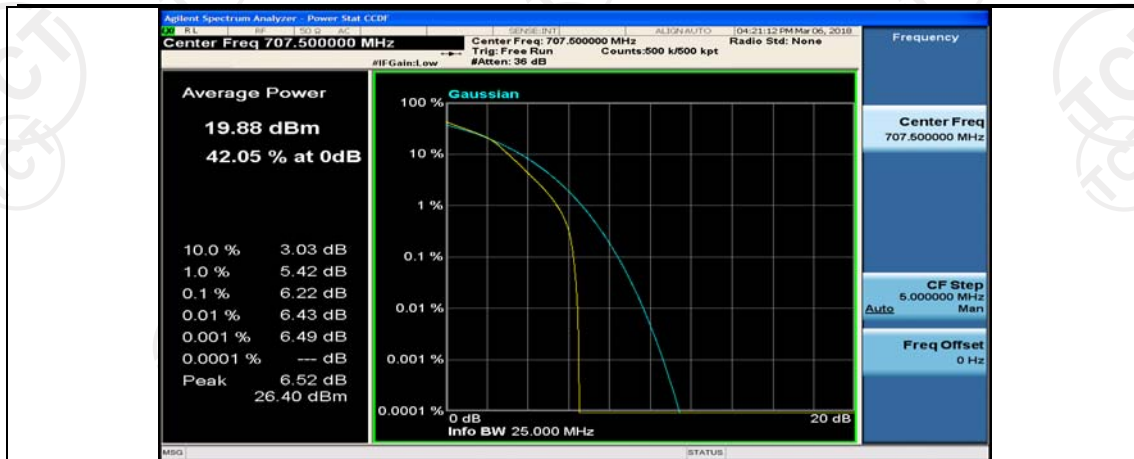


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7



(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14





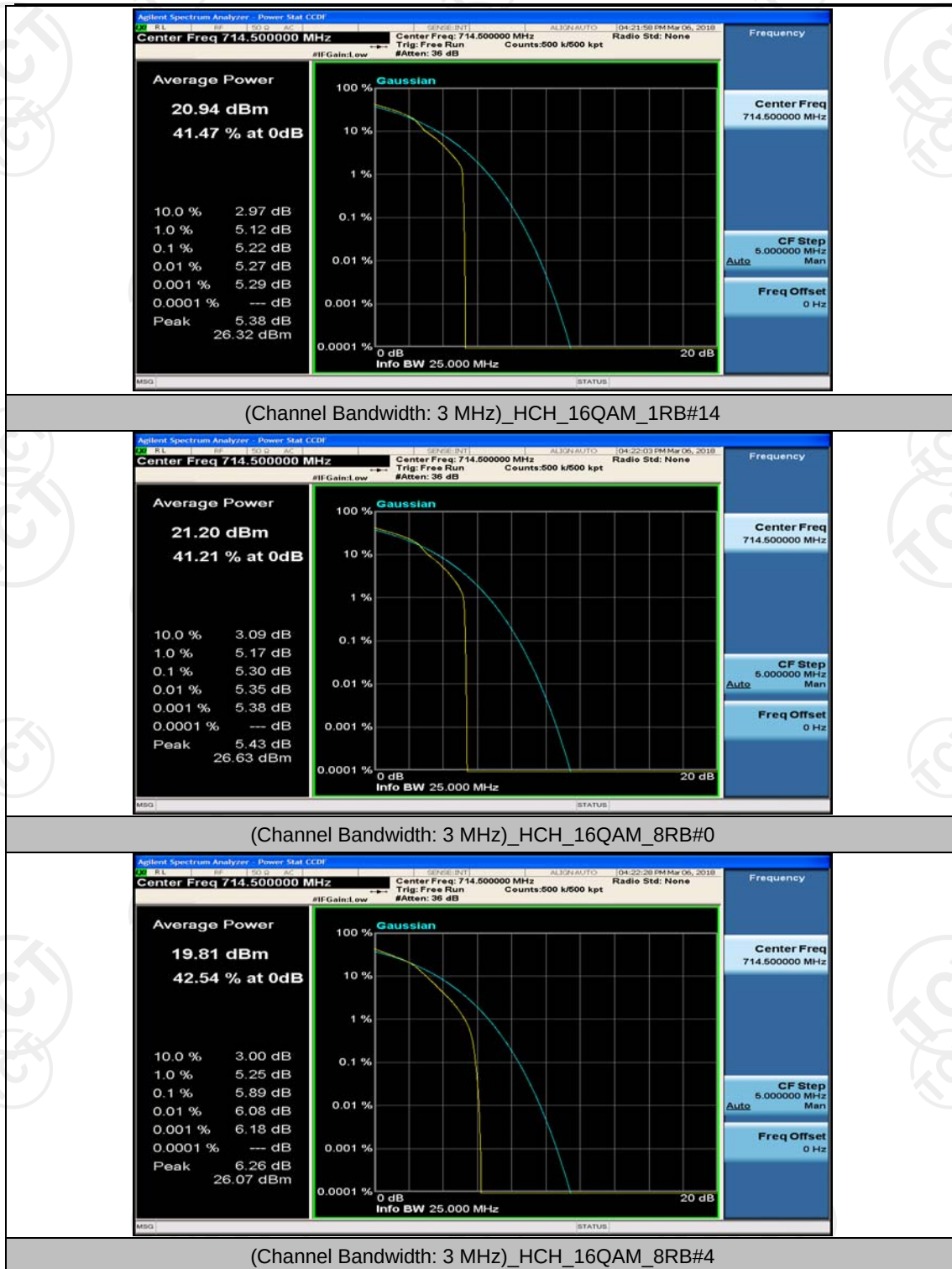
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0

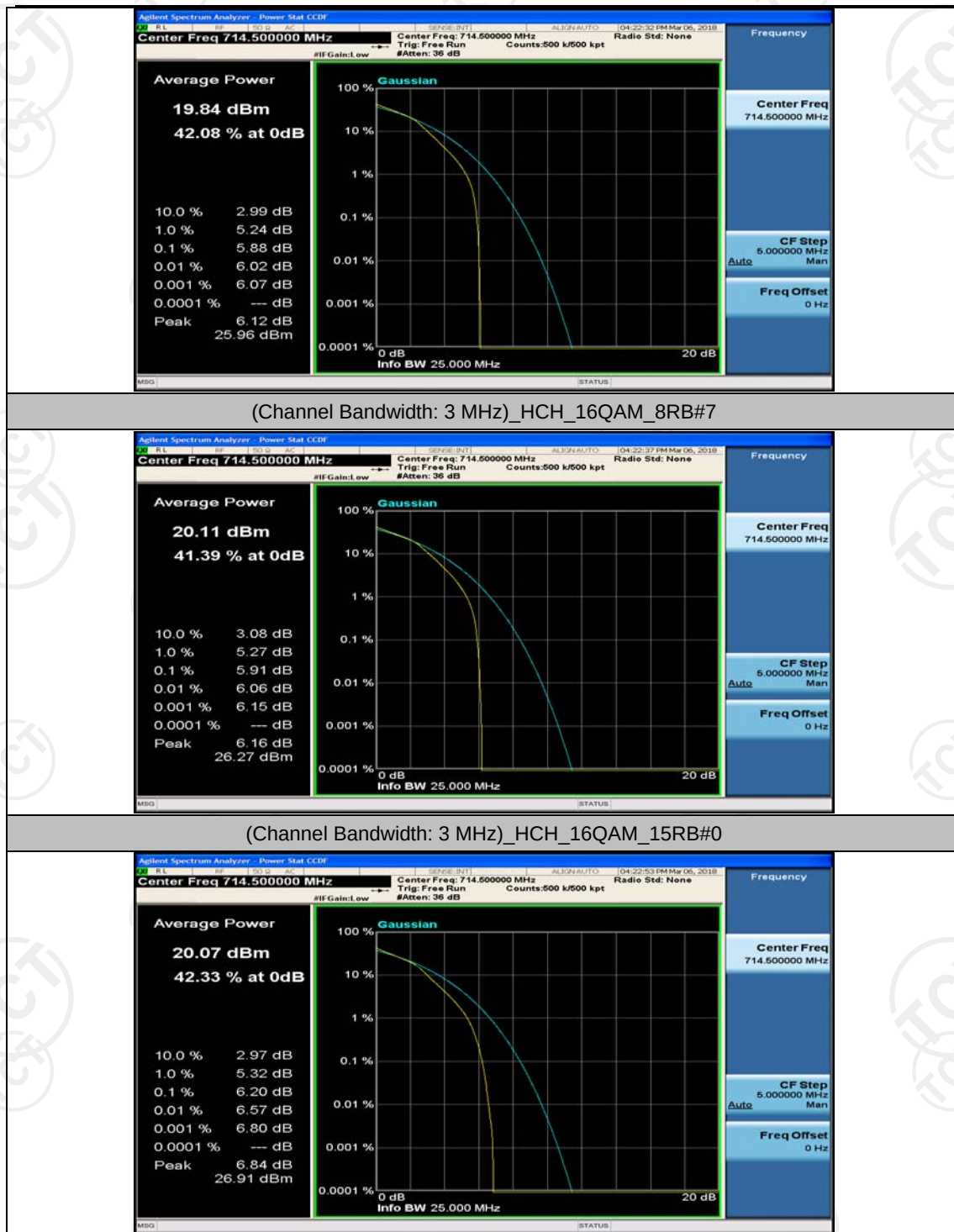


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



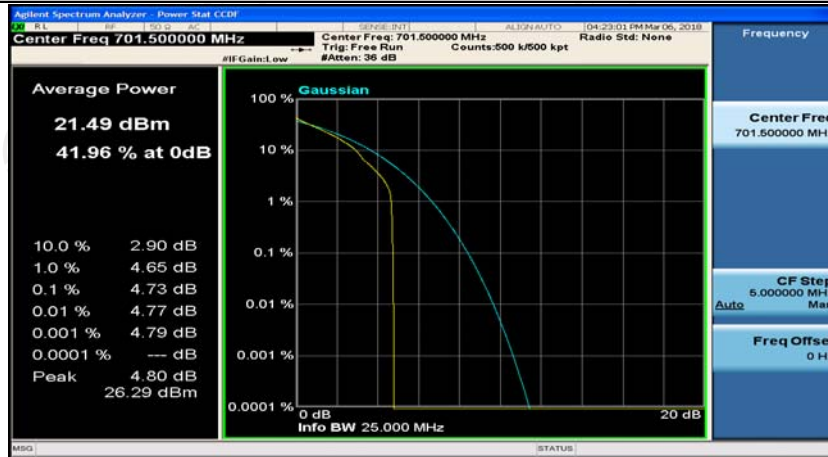
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7





Channel Bandwidth: 5 MHz

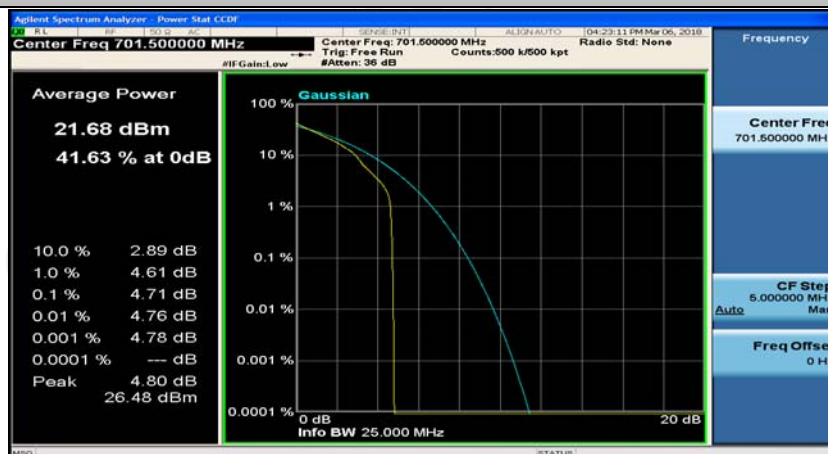
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0

