

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	23.71	24.17	PASS
		1	3	23.66	24.12	PASS
		1	5	23.50	23.96	PASS
		3	0	23.50	23.96	PASS
		3	2	23.50	23.96	PASS
		3	3	23.36	23.82	PASS
		6	0	22.53	22.99	PASS
	MCH	1	0	23.45	23.91	PASS
		1	3	23.45	23.91	PASS
		1	5	23.41	23.87	PASS
		3	0	23.44	23.90	PASS
		3	2	23.51	23.97	PASS
		3	3	23.39	23.85	PASS
		6	0	22.52	22.98	PASS
	HCH	1	0	23.34	23.80	PASS
		1	3	23.43	23.89	PASS
		1	5	23.27	23.73	PASS
		3	0	23.52	23.98	PASS
		3	2	23.52	23.98	PASS
		3	3	23.49	23.95	PASS
		6	0	22.37	22.83	PASS
16QAM	LCH	1	0	22.68	23.14	PASS
		1	3	22.83	23.29	PASS
		1	5	22.61	23.07	PASS
		3	0	22.38	22.84	PASS
		3	2	22.38	22.84	PASS
		3	3	22.21	22.67	PASS
		6	0	21.28	21.74	PASS
	MCH	1	0	22.70	23.16	PASS
		1	3	22.83	23.29	PASS
		1	5	22.61	23.07	PASS
		3	0	22.75	23.21	PASS

		3	2	22.71	23.17	PASS
		3	3	22.74	23.20	PASS
		6	0	21.54	22.00	PASS
	HCH	1	0	22.80	23.26	PASS
		1	3	22.92	23.38	PASS
		1	5	22.78	23.24	PASS
		3	0	22.67	23.13	PASS
		3	2	22.67	23.13	PASS
		3	3	22.53	22.99	PASS
		6	0	21.49	21.95	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	23.54	24.00	PASS
		1	7	23.39	23.85	PASS
		1	14	23.38	23.84	PASS
		8	0	22.58	23.04	PASS
		8	4	22.58	23.04	PASS
		8	7	22.40	22.86	PASS
		15	0	22.47	22.93	PASS
	MCH	1	0	23.60	24.06	PASS
		1	7	23.56	24.02	PASS
		1	14	23.75	24.21	PASS
		8	0	22.50	22.96	PASS
		8	4	22.50	22.96	PASS
		8	7	22.49	22.95	PASS
		15	0	22.49	22.95	PASS
	HCH	1	0	23.73	24.19	PASS
		1	7	23.79	24.25	PASS
		1	14	23.72	24.18	PASS
		8	0	22.64	23.10	PASS
		8	4	22.64	23.10	PASS
		8	7	22.67	23.13	PASS
		15	0	22.42	22.88	PASS
16QAM	LCH	1	0	22.83	23.29	PASS
		1	7	22.68	23.14	PASS
		1	14	22.62	23.08	PASS
		8	0	21.66	22.12	PASS

		8	4	21.67	22.13	PASS
		8	7	21.53	21.99	PASS
		15	0	21.36	21.82	PASS
	MCH	1	0	22.86	23.32	PASS
		1	7	22.83	23.29	PASS
		1	14	22.65	23.11	PASS
		8	0	21.62	22.08	PASS
		8	4	21.62	22.08	PASS
		8	7	21.62	22.08	PASS
		15	0	21.43	21.89	PASS
	HCH	1	0	22.81	23.27	PASS
		1	7	23.24	23.70	PASS
		1	14	23.21	23.67	PASS
		8	0	21.35	21.81	PASS
		8	4	21.35	21.81	PASS
		8	7	21.50	21.96	PASS
		15	0	21.29	21.75	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	23.51	23.97	PASS
		1	12	23.62	24.08	PASS
		1	24	23.34	23.80	PASS
		12	0	22.47	22.93	PASS
		12	6	22.39	22.85	PASS
		12	13	22.38	22.84	PASS
		25	0	22.45	22.91	PASS
	MCH	1	0	23.62	24.08	PASS
		1	12	23.76	24.22	PASS
		1	24	23.36	23.82	PASS
		12	0	22.56	23.02	PASS
		12	6	22.56	23.02	PASS
		12	13	22.54	23.00	PASS
		25	0	22.50	22.96	PASS
	HCH	1	0	23.41	23.87	PASS
		1	12	23.84	24.30	PASS
		1	24	23.52	23.98	PASS
		12	0	22.41	22.87	PASS

16QAM		12	6	22.49	22.95	PASS
		12	13	22.52	22.98	PASS
		25	0	22.47	22.93	PASS
	LCH	1	0	22.54	23.00	PASS
		1	12	22.36	22.82	PASS
		1	24	22.11	22.57	PASS
		12	0	21.39	21.85	PASS
		12	6	21.48	21.94	PASS
		12	13	21.36	21.82	PASS
		25	0	21.48	21.94	PASS
	MCH	1	0	22.49	22.95	PASS
		1	12	23.02	23.48	PASS
		1	24	22.53	22.99	PASS
		12	0	21.31	21.77	PASS
		12	6	21.31	21.77	PASS
		12	13	21.13	21.59	PASS
		25	0	21.66	22.12	PASS
	HCH	1	0	21.77	22.23	PASS
		1	12	22.51	22.97	PASS
		1	24	22.43	22.89	PASS
		12	0	21.50	21.96	PASS
		12	6	21.50	21.96	PASS
		12	13	21.56	22.02	PASS
		25	0	21.38	21.84	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	23.42	23.88	PASS
		1	24	23.48	23.94	PASS
		1	49	23.72	24.18	PASS
		25	0	22.51	22.97	PASS
		25	12	22.52	22.98	PASS
		25	25	22.69	23.15	PASS
		50	0	22.58	23.04	PASS
	MCH	1	0	23.60	24.06	PASS
		1	24	23.76	24.22	PASS
		1	49	23.37	23.83	PASS
		25	0	22.58	23.04	PASS

		25	12	22.58	23.04	PASS
		25	25	22.63	23.09	PASS
		50	0	22.64	23.10	PASS
	HCH	1	0	23.43	23.89	PASS
		1	24	23.42	23.88	PASS
		1	49	23.62	24.08	PASS
		25	0	22.57	23.03	PASS
		25	12	22.57	23.03	PASS
		25	25	22.59	23.05	PASS
		50	0	22.57	23.03	PASS
16QAM	LCH	1	0	22.34	22.80	PASS
		1	24	22.38	22.84	PASS
		1	49	22.83	23.29	PASS
		25	0	21.66	22.12	PASS
		25	12	21.66	22.12	PASS
		25	25	21.83	22.29	PASS
		50	0	21.51	21.97	PASS
	MCH	1	0	22.78	23.24	PASS
		1	24	23.40	23.86	PASS
		1	49	22.72	23.18	PASS
		25	0	21.79	22.25	PASS
		25	12	21.77	22.23	PASS
		25	25	21.66	22.12	PASS
		50	0	21.56	22.02	PASS
	HCH	1	0	22.06	22.52	PASS
		1	24	22.05	22.51	PASS
		1	49	22.47	22.93	PASS
		25	0	21.46	21.92	PASS
		25	12	21.47	21.93	PASS
		25	25	21.49	21.95	PASS
		50	0	21.48	21.94	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	4.12	<13	PASS
		1	3	4.06	<13	PASS
		1	5	4.19	<13	PASS
		3	0	4.25	<13	PASS
		3	2	4.25	<13	PASS
		3	3	4.34	<13	PASS
		6	0	4.59	<13	PASS
	MCH	1	0	4.52	<13	PASS
		1	3	4.39	<13	PASS
		1	5	4.46	<13	PASS
		3	0	4.62	<13	PASS
		3	2	4.61	<13	PASS
		3	3	4.59	<13	PASS
		6	0	4.89	<13	PASS
	HCH	1	0	4.48	<13	PASS
		1	3	4.22	<13	PASS
		1	5	4.27	<13	PASS
		3	0	4.65	<13	PASS
		3	2	4.67	<13	PASS
		3	3	4.51	<13	PASS
		6	0	4.92	<13	PASS
16QAM	LCH	1	0	4.99	<13	PASS
		1	3	4.85	<13	PASS
		1	5	5.08	<13	PASS
		3	0	5.14	<13	PASS
		3	2	5.18	<13	PASS
		3	3	5.2	<13	PASS
		6	0	5.34	<13	PASS
	MCH	1	0	5.34	<13	PASS
		1	3	5.22	<13	PASS

		1	5	5.35	<13	PASS
		3	0	5.56	<13	PASS
		3	2	5.57	<13	PASS
		3	3	5.48	<13	PASS
		6	0	5.68	<13	PASS
	HCH	1	0	5.39	<13	PASS
		1	3	5.13	<13	PASS
		1	5	4.98	<13	PASS
		3	0	5.59	<13	PASS
		3	2	5.56	<13	PASS
		3	3	5.46	<13	PASS
		6	0	5.83	<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	4.15	<13	PASS
		1	7	4.2	<13	PASS
		1	14	4.47	<13	PASS
		8	0	4.42	<13	PASS
		8	4	4.46	<13	PASS
		8	7	4.59	<13	PASS
		15	0	4.79	<13	PASS
	MCH	1	0	4.63	<13	PASS
		1	7	4.37	<13	PASS
		1	14	4.42	<13	PASS
		8	0	4.8	<13	PASS
		8	4	4.78	<13	PASS
		8	7	4.69	<13	PASS
		15	0	4.99	<13	PASS
	HCH	1	0	4.68	<13	PASS
		1	7	4.39	<13	PASS
		1	14	4.17	<13	PASS
		8	0	5.06	<13	PASS
		8	4	5.04	<13	PASS
		8	7	4.86	<13	PASS
		15	0	5.25	<13	PASS
16QAM	LCH	1	0	4.98	<13	PASS

		1	7	4.97	<13	PASS
		1	14	5.23	<13	PASS
		8	0	5.32	<13	PASS
		8	4	5.25	<13	PASS
		8	7	5.43	<13	PASS
		15	0	5.54	<13	PASS
	MCH	1	0	5.39	<13	PASS
		1	7	5.07	<13	PASS
		1	14	5.19	<13	PASS
		8	0	5.6	<13	PASS
		8	4	5.6	<13	PASS
		8	7	5.56	<13	PASS
		15	0	5.81	<13	PASS
	HCH	1	0	5.53	<13	PASS
		1	7	5.28	<13	PASS
		1	14	5.11	<13	PASS
		8	0	5.89	<13	PASS
		8	4	5.91	<13	PASS
		8	7	5.76	<13	PASS
		15	0	5.94	<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	4.15	<13	PASS
		1	12	4.29	<13	PASS
		1	24	4.6	<13	PASS
		12	0	4.47	<13	PASS
		12	6	4.47	<13	PASS
		12	13	4.82	<13	PASS
		25	0	4.85	<13	PASS
	MCH	1	0	4.64	<13	PASS
		1	12	4.38	<13	PASS
		1	24	4.37	<13	PASS
		12	0	4.78	<13	PASS
		12	6	4.77	<13	PASS
		12	13	4.6	<13	PASS
		25	0	4.96	<13	PASS

	HCH	1	0	4.6	<13	PASS
		1	12	4.51	<13	PASS
		1	24	4.31	<13	PASS
		12	0	5	<13	PASS
		12	6	5	<13	PASS
		12	13	4.94	<13	PASS
		25	0	5.23	<13	PASS
16QAM	LCH	1	0	4.81	<13	PASS
		1	12	5.02	<13	PASS
		1	24	5.39	<13	PASS
		12	0	5.31	<13	PASS
		12	6	5.29	<13	PASS
		12	13	5.63	<13	PASS
		25	0	5.64	<13	PASS
	MCH	1	0	5.46	<13	PASS
		1	12	5.21	<13	PASS
		1	24	5.12	<13	PASS
		12	0	5.66	<13	PASS
		12	6	5.65	<13	PASS
		12	13	5.49	<13	PASS
		25	0	5.74	<13	PASS
	HCH	1	0	5.37	<13	PASS
		1	12	5.36	<13	PASS
		1	24	5.18	<13	PASS
		12	0	5.88	<13	PASS
		12	6	5.87	<13	PASS
		12	13	5.71	<13	PASS
		25	0	6.03	<13	PASS

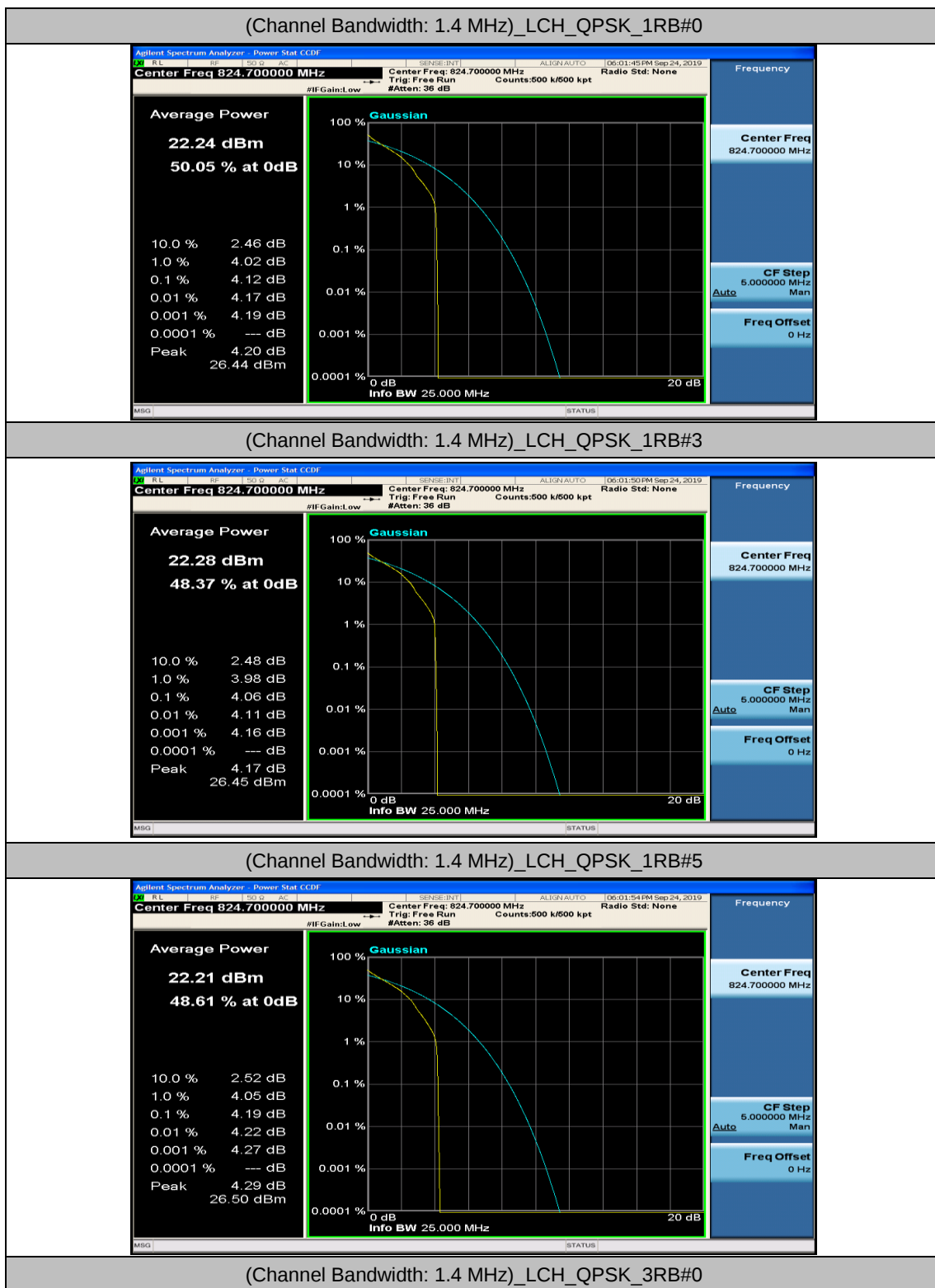
Channel Bandwidth: 10 MHz

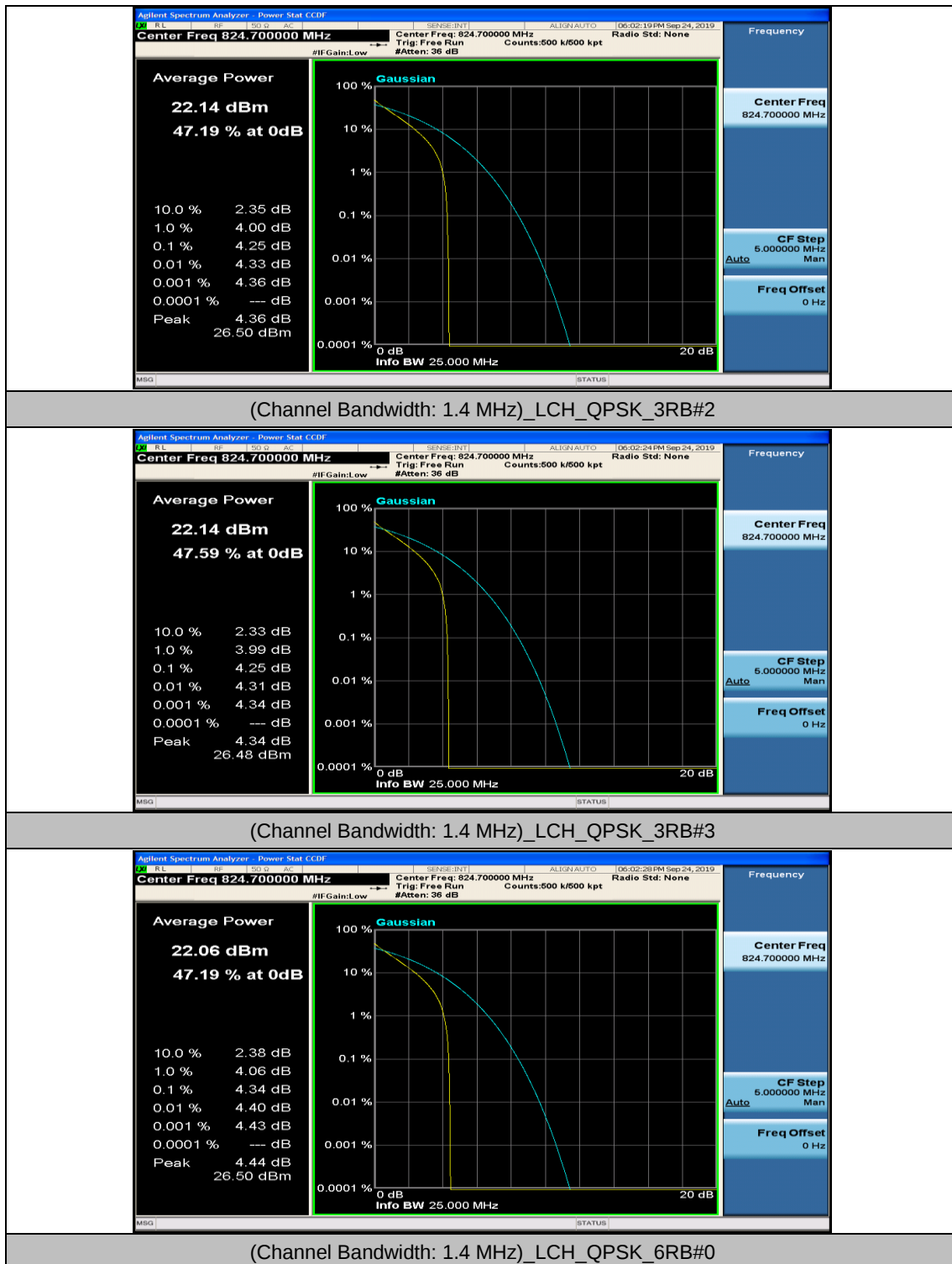
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.13	<13	PASS
		1	24	4.55	<13	PASS
		1	49	4.67	<13	PASS
		25	0	4.69	<13	PASS
		25	12	4.69	<13	PASS
		25	25	5.07	<13	PASS

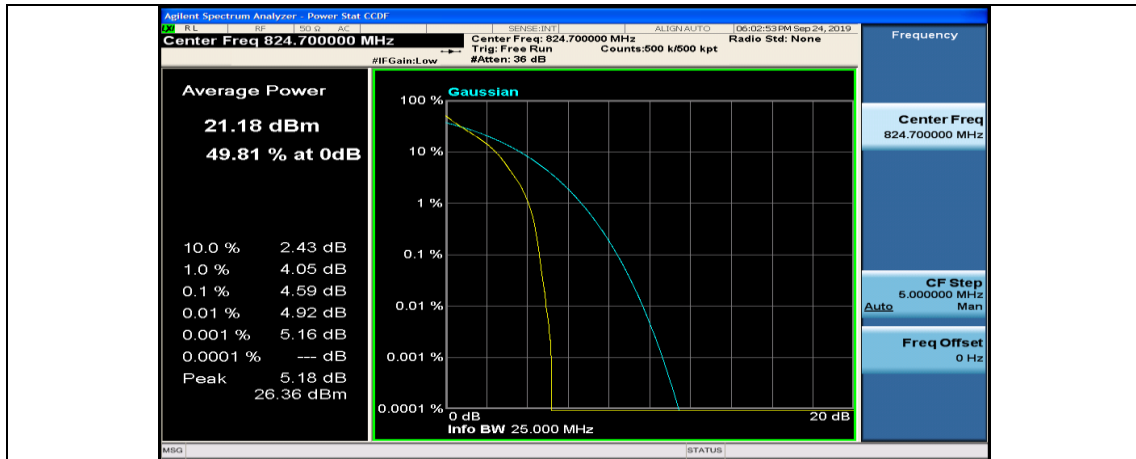
	MCH	50	0	5.13	<13	PASS
		1	0	4.68	<13	PASS
		1	24	4.38	<13	PASS
		1	49	4.33	<13	PASS
		25	0	4.88	<13	PASS
		25	12	4.88	<13	PASS
		25	25	4.59	<13	PASS
		50	0	4.99	<13	PASS
	HCH	1	0	4.26	<13	PASS
		1	24	4.49	<13	PASS
		1	49	4.36	<13	PASS
		25	0	4.7	<13	PASS
		25	12	4.69	<13	PASS
		25	25	5.05	<13	PASS
		50	0	5.27	<13	PASS
16QAM	LCH	1	0	5.03	<13	PASS
		1	24	5.31	<13	PASS
		1	49	5.35	<13	PASS
		25	0	5.5	<13	PASS
		25	12	5.5	<13	PASS
		25	25	5.83	<13	PASS
		50	0	5.9	<13	PASS
	MCH	1	0	5.54	<13	PASS
		1	24	5.1	<13	PASS
		1	49	5.17	<13	PASS
		25	0	5.72	<13	PASS
		25	12	5.7	<13	PASS
		25	25	5.44	<13	PASS
		50	0	5.75	<13	PASS
	HCH	1	0	5.08	<13	PASS
		1	24	5.33	<13	PASS
		1	49	5.26	<13	PASS
		25	0	5.56	<13	PASS
		25	12	5.52	<13	PASS
		25	25	5.92	<13	PASS
		50	0	5.97	<13	PASS

Test Graphs

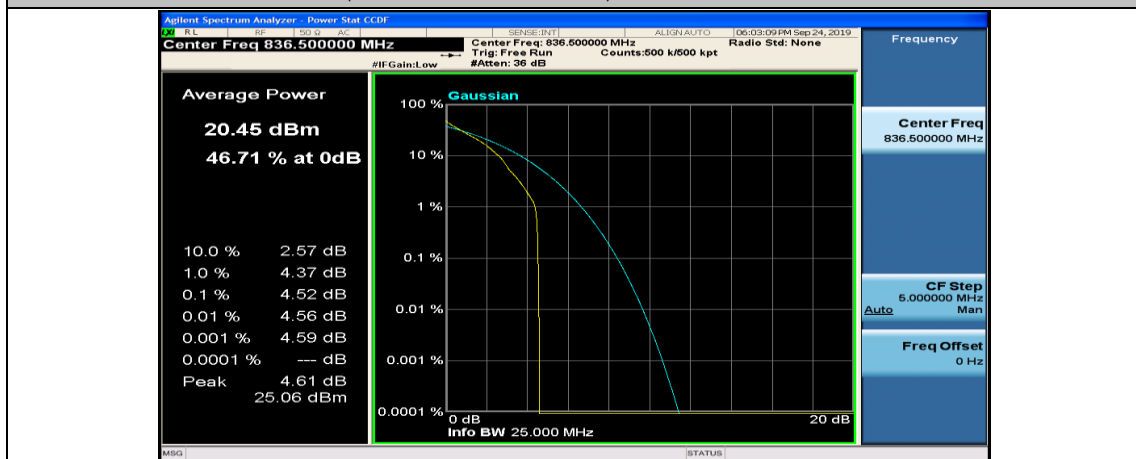
Channel Bandwidth: 1.4 MHz



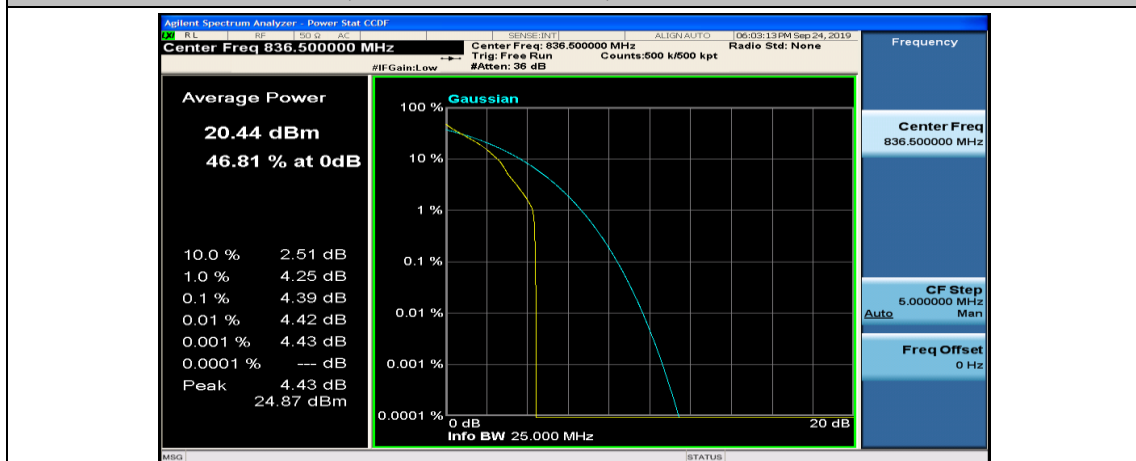




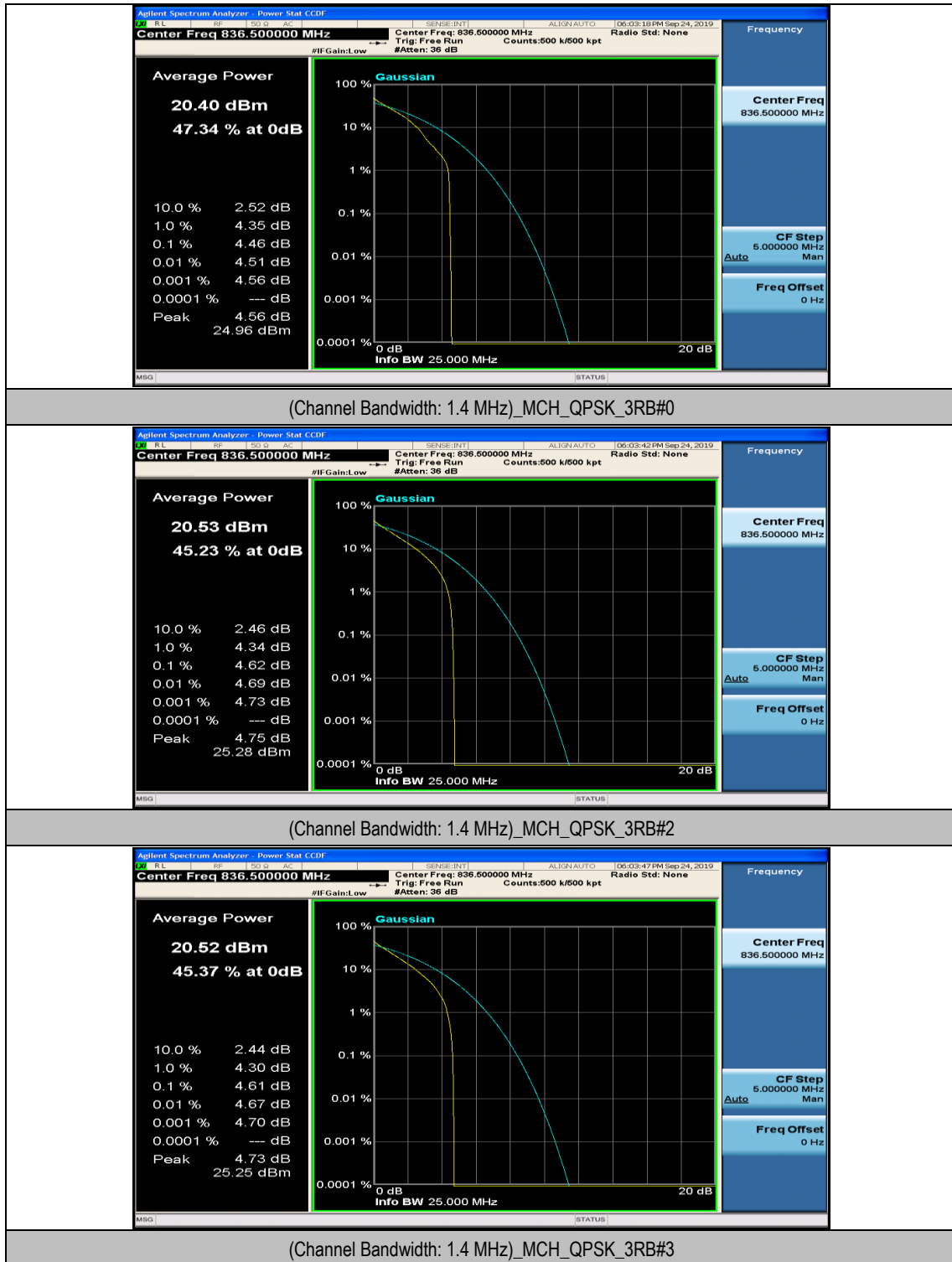
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

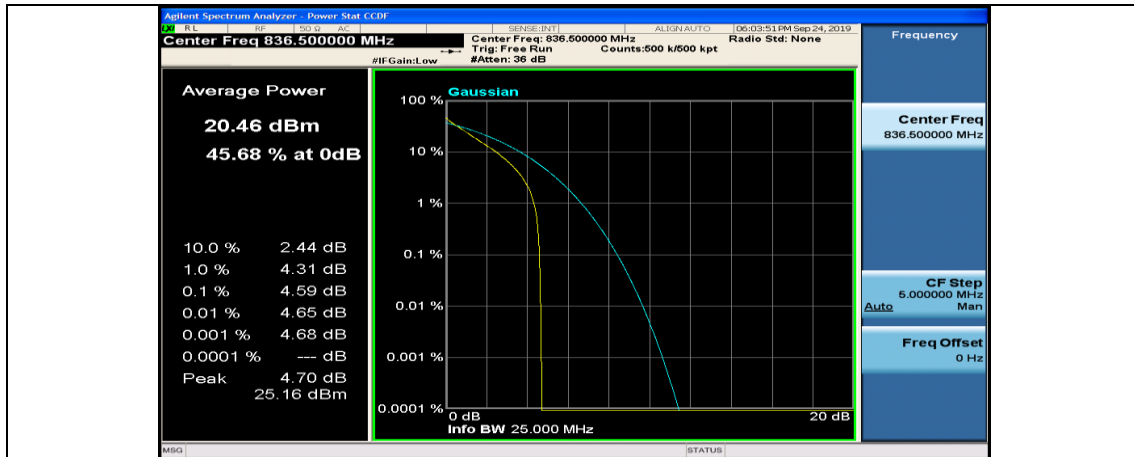


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

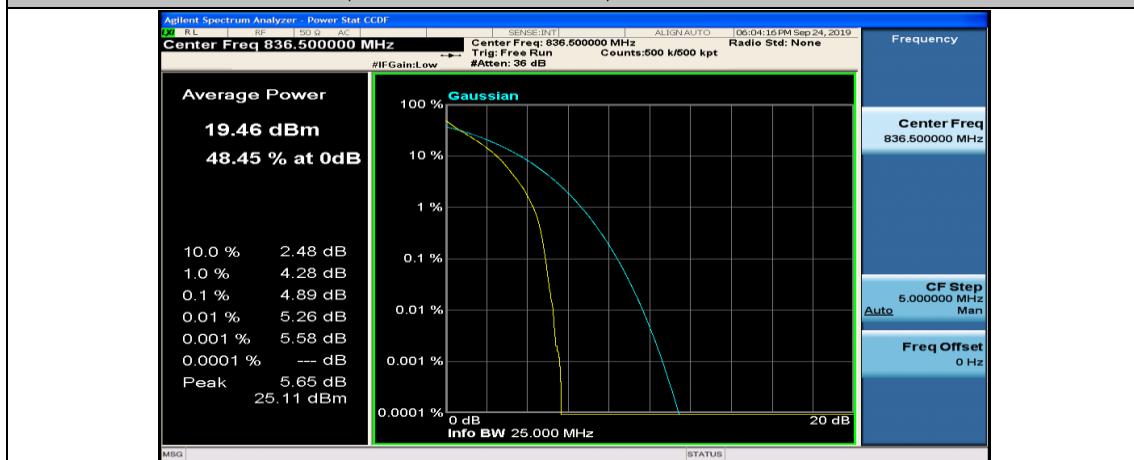


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

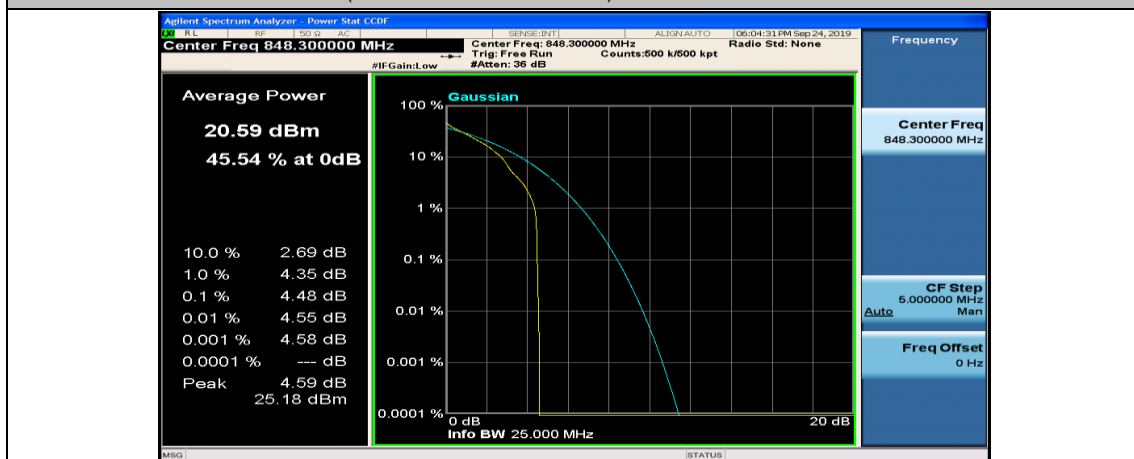




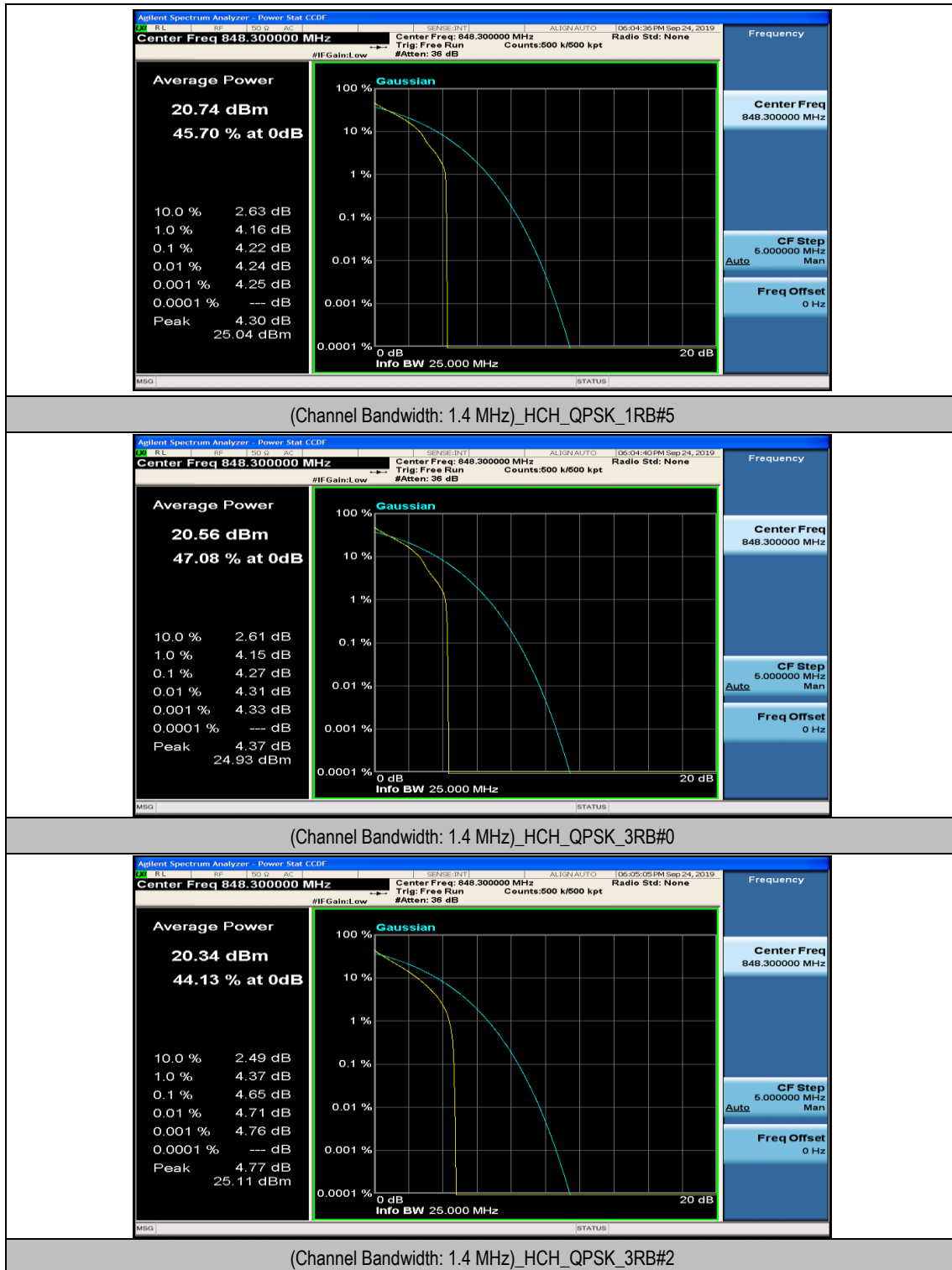
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0

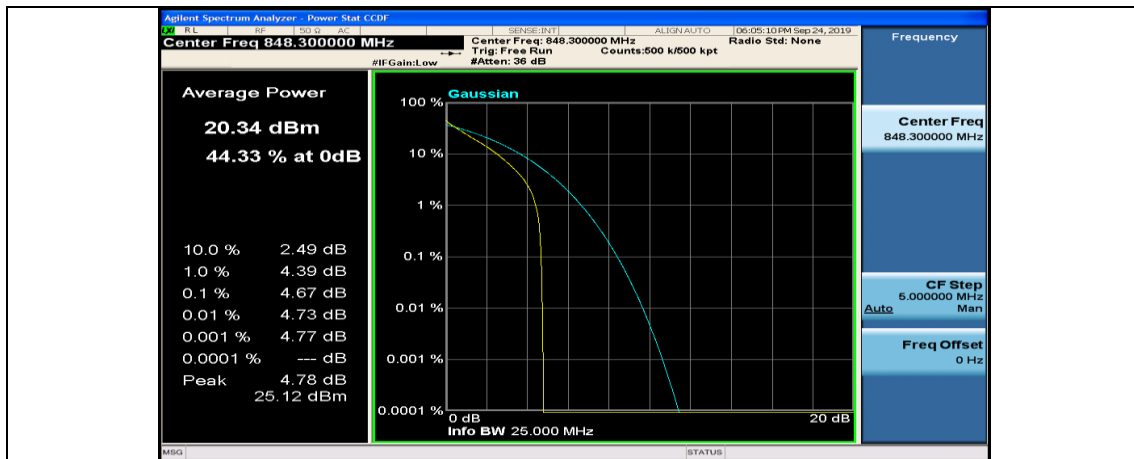


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

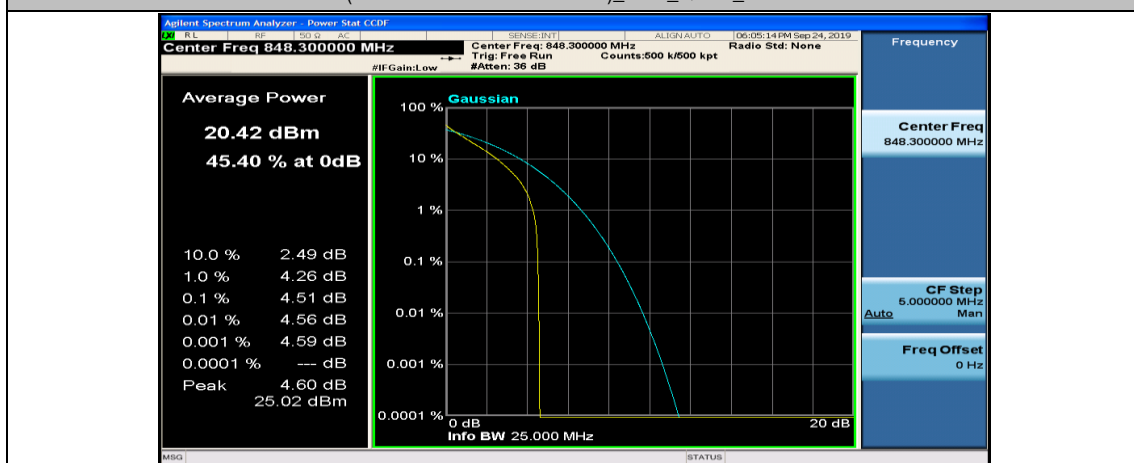


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3

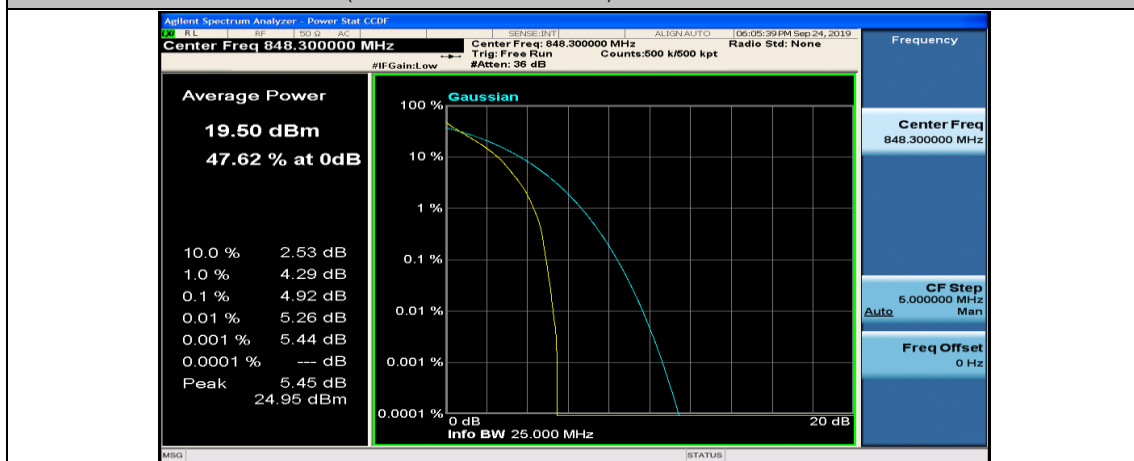




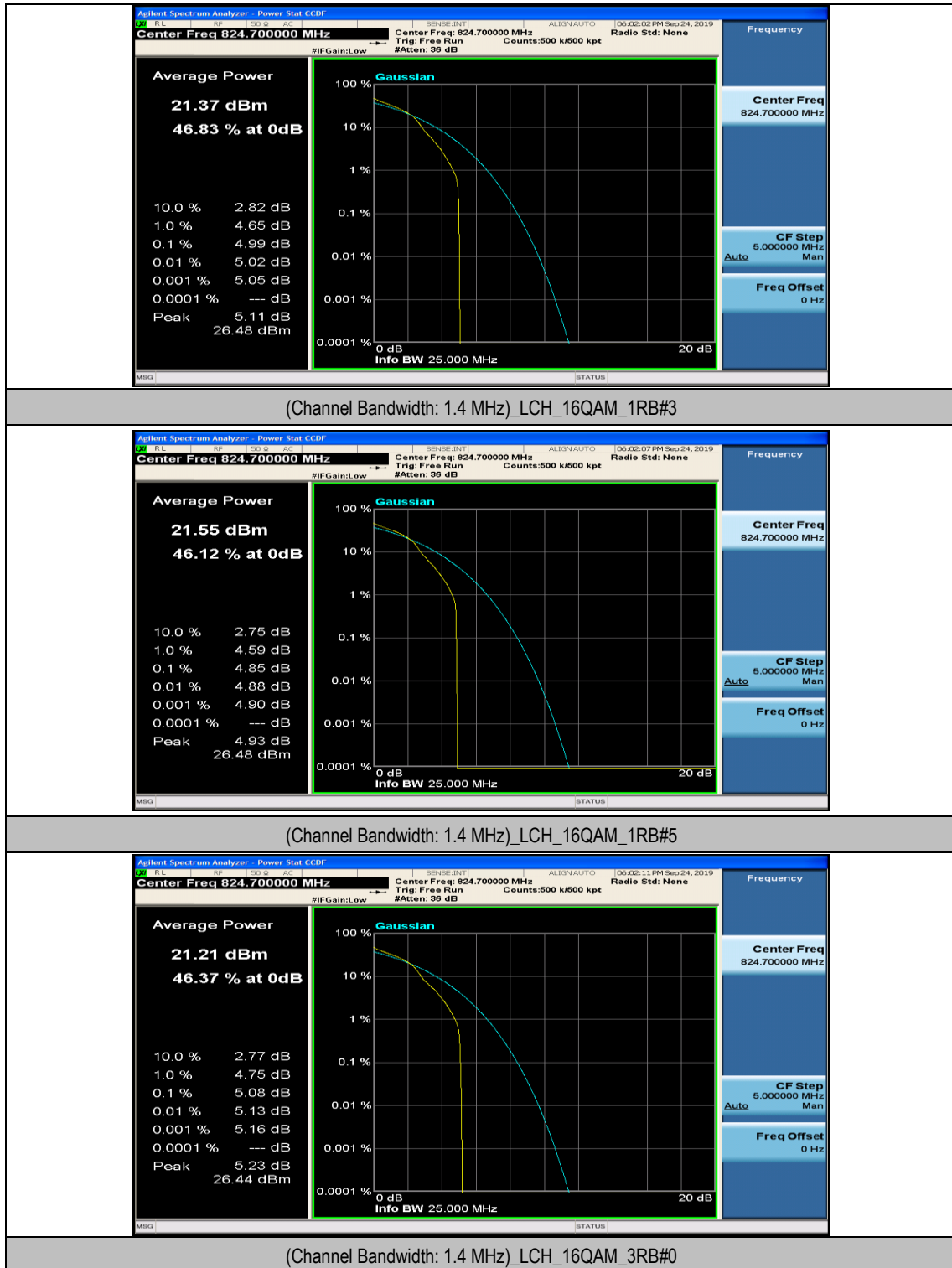
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3

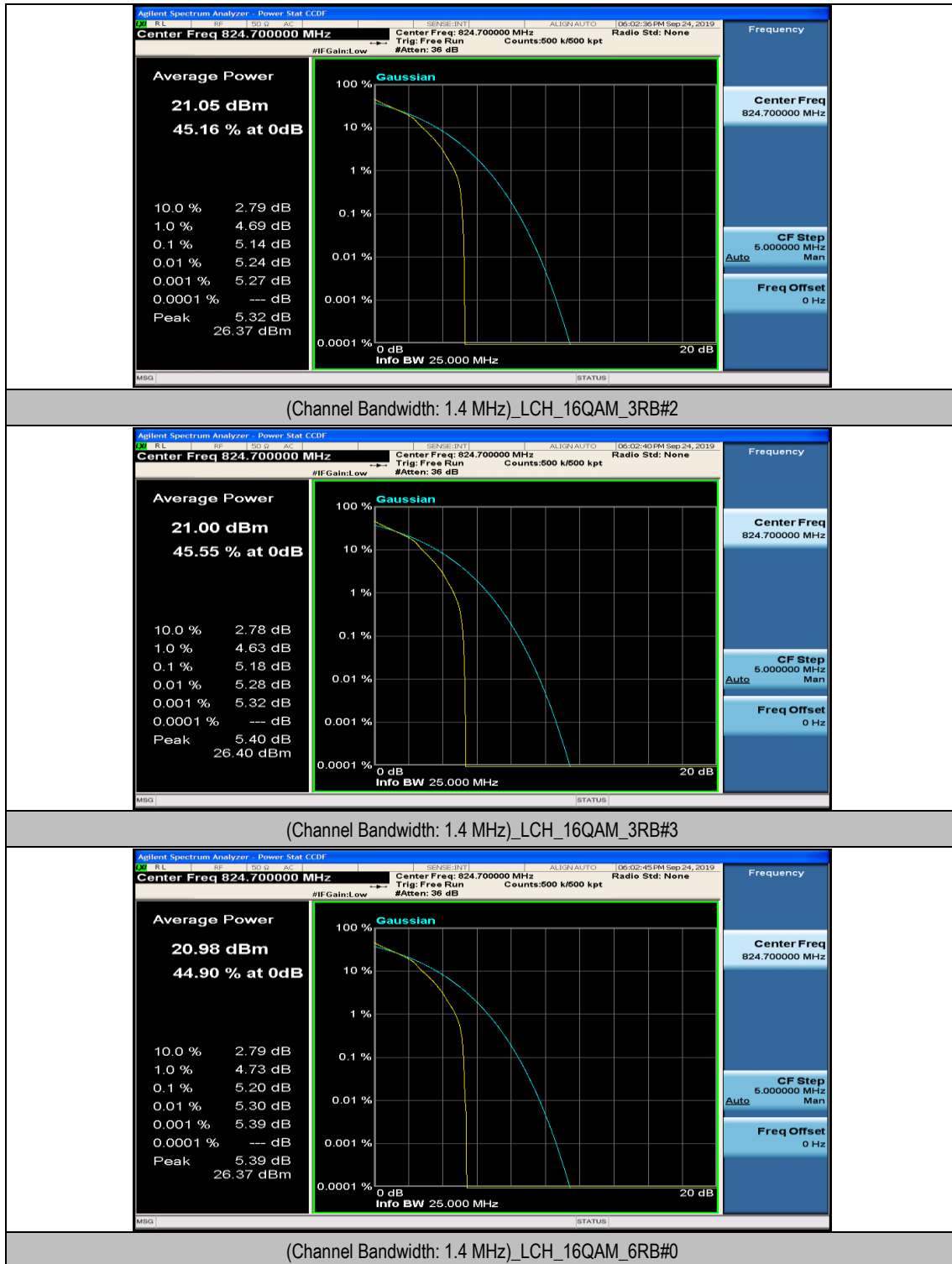


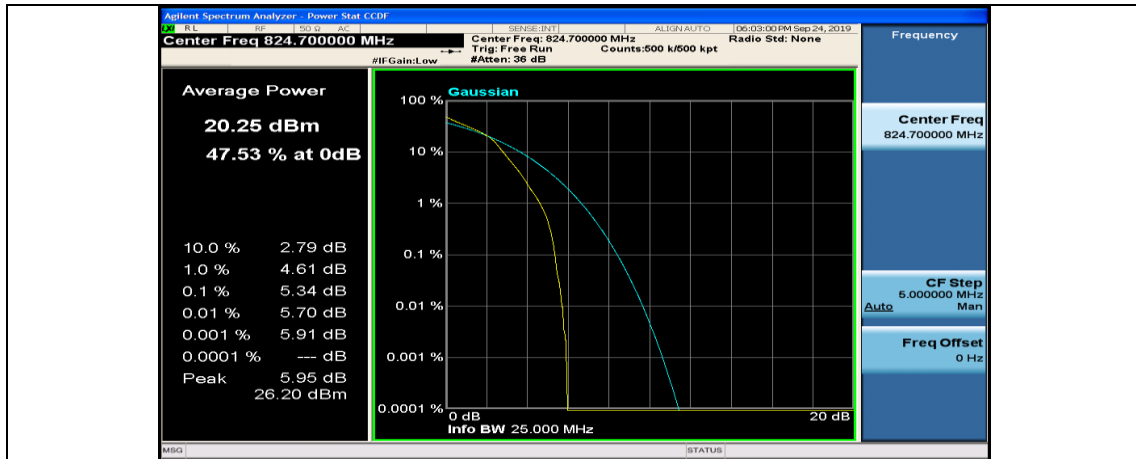
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



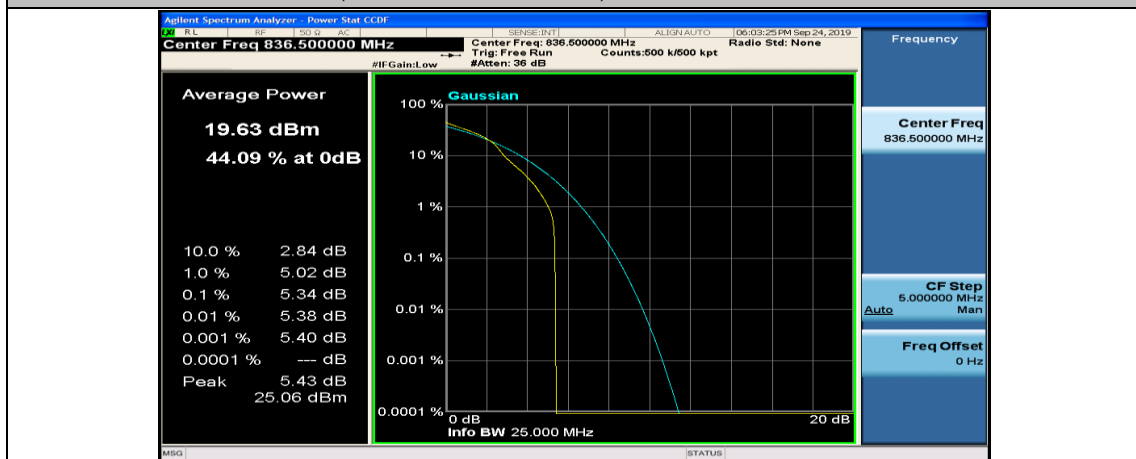
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



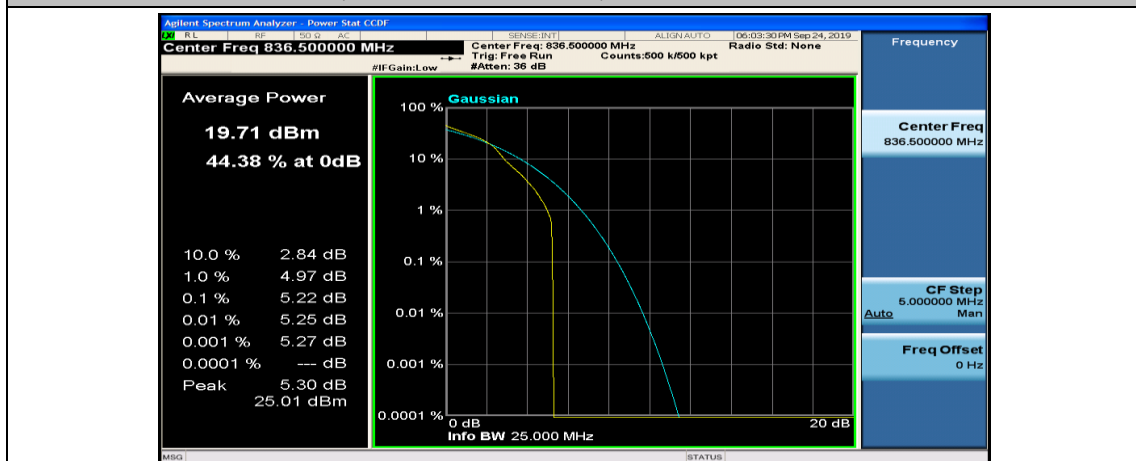




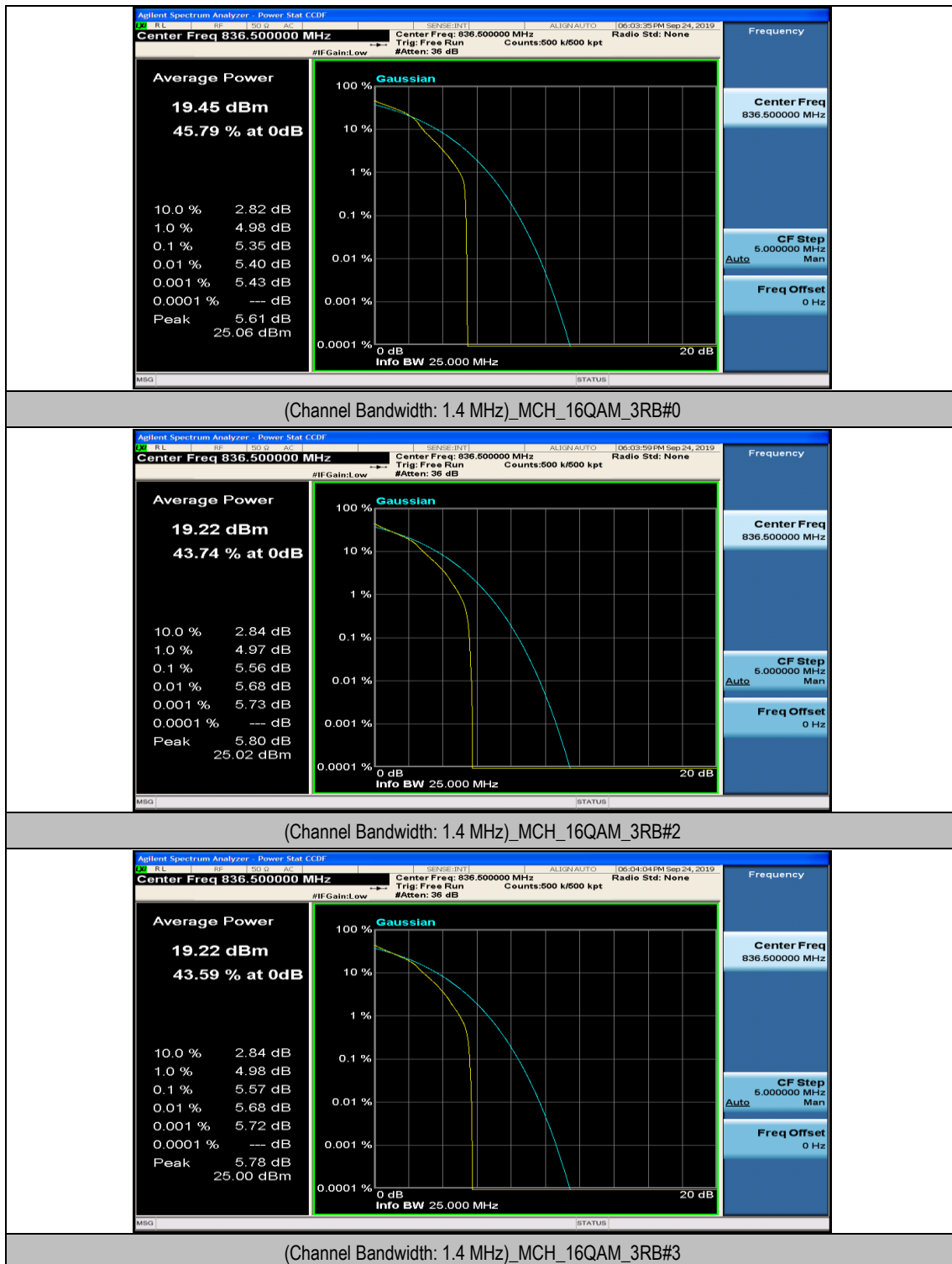
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

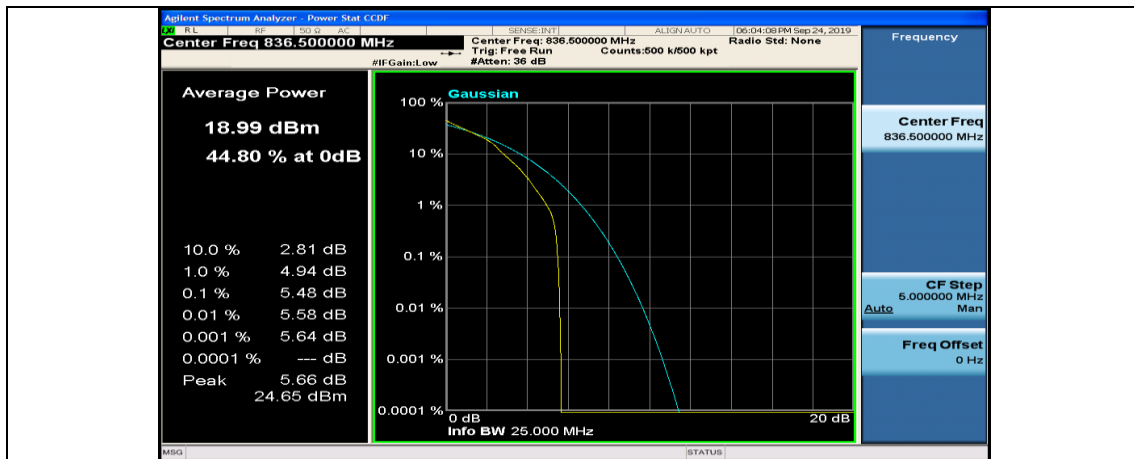


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

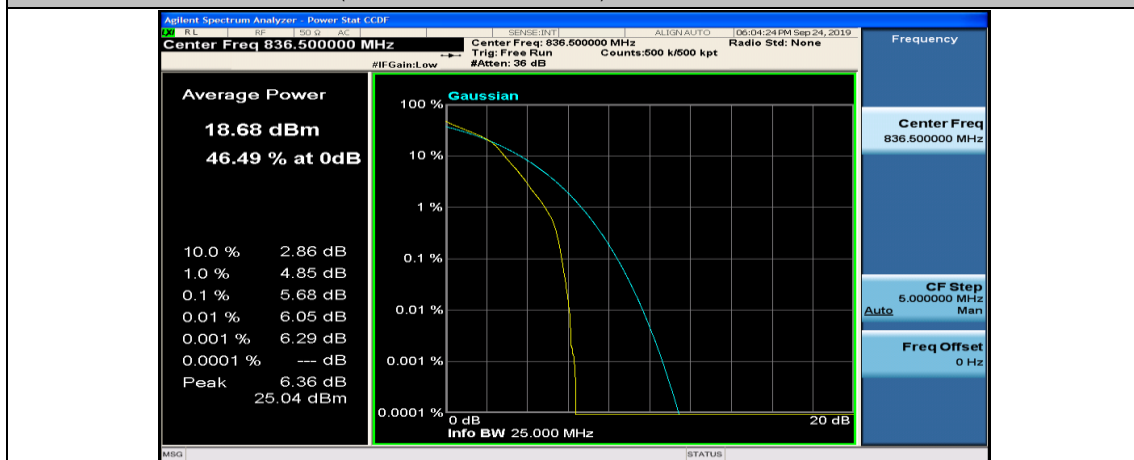


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5

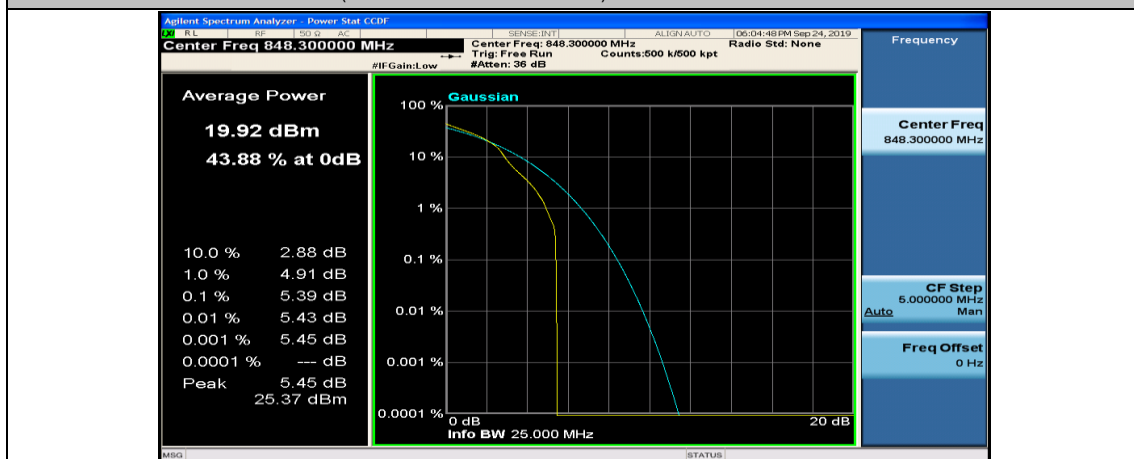




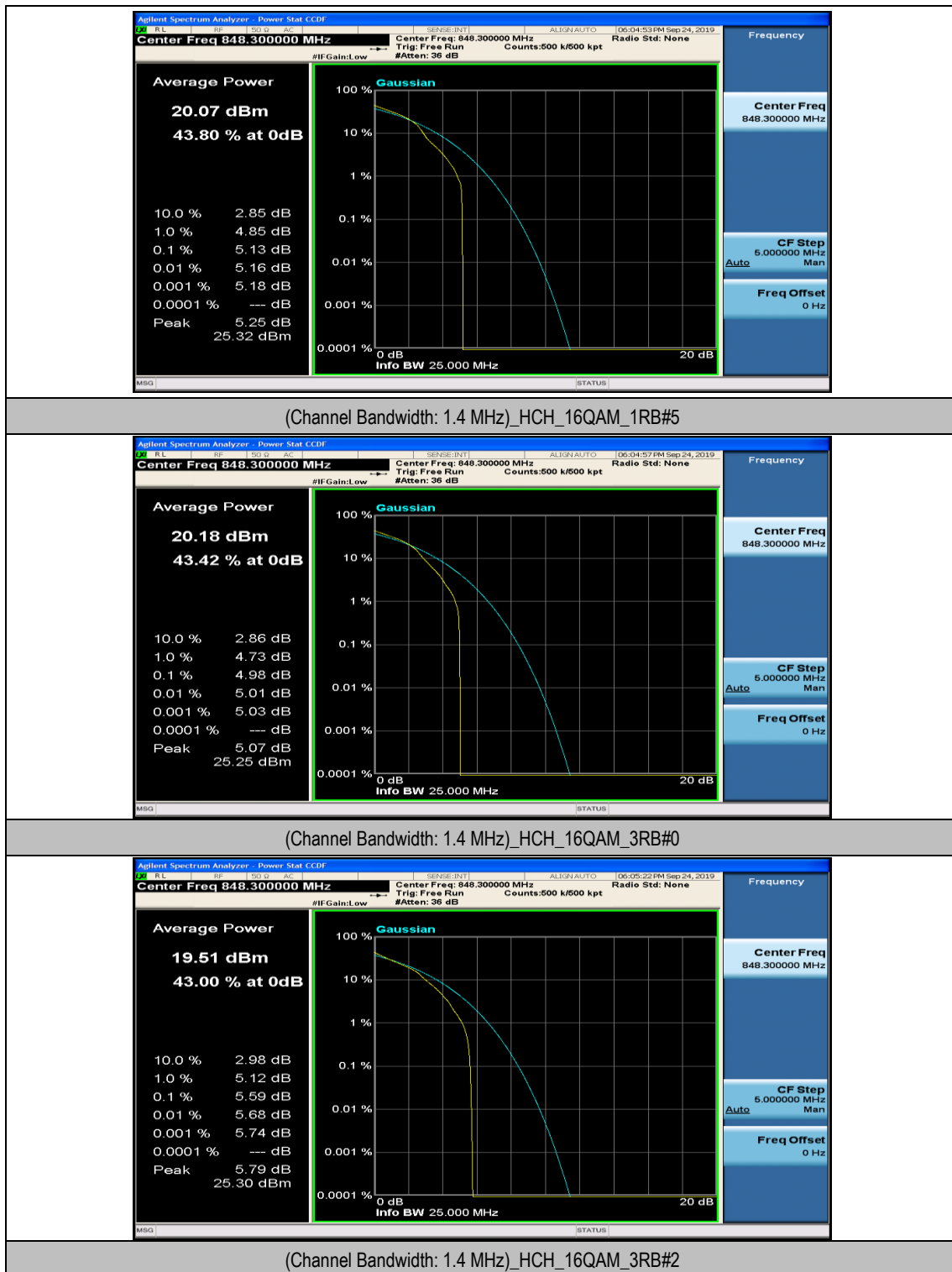
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0

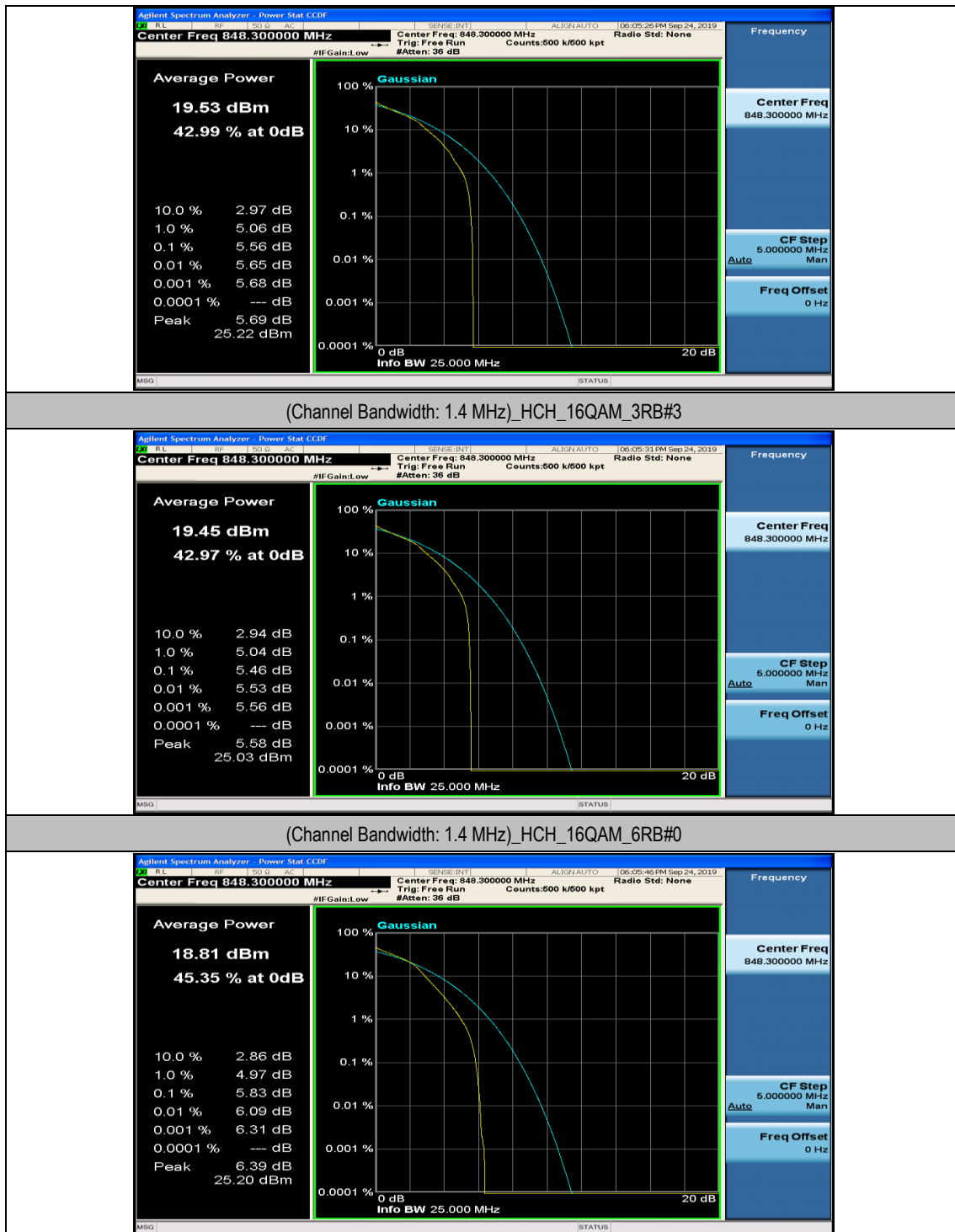


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



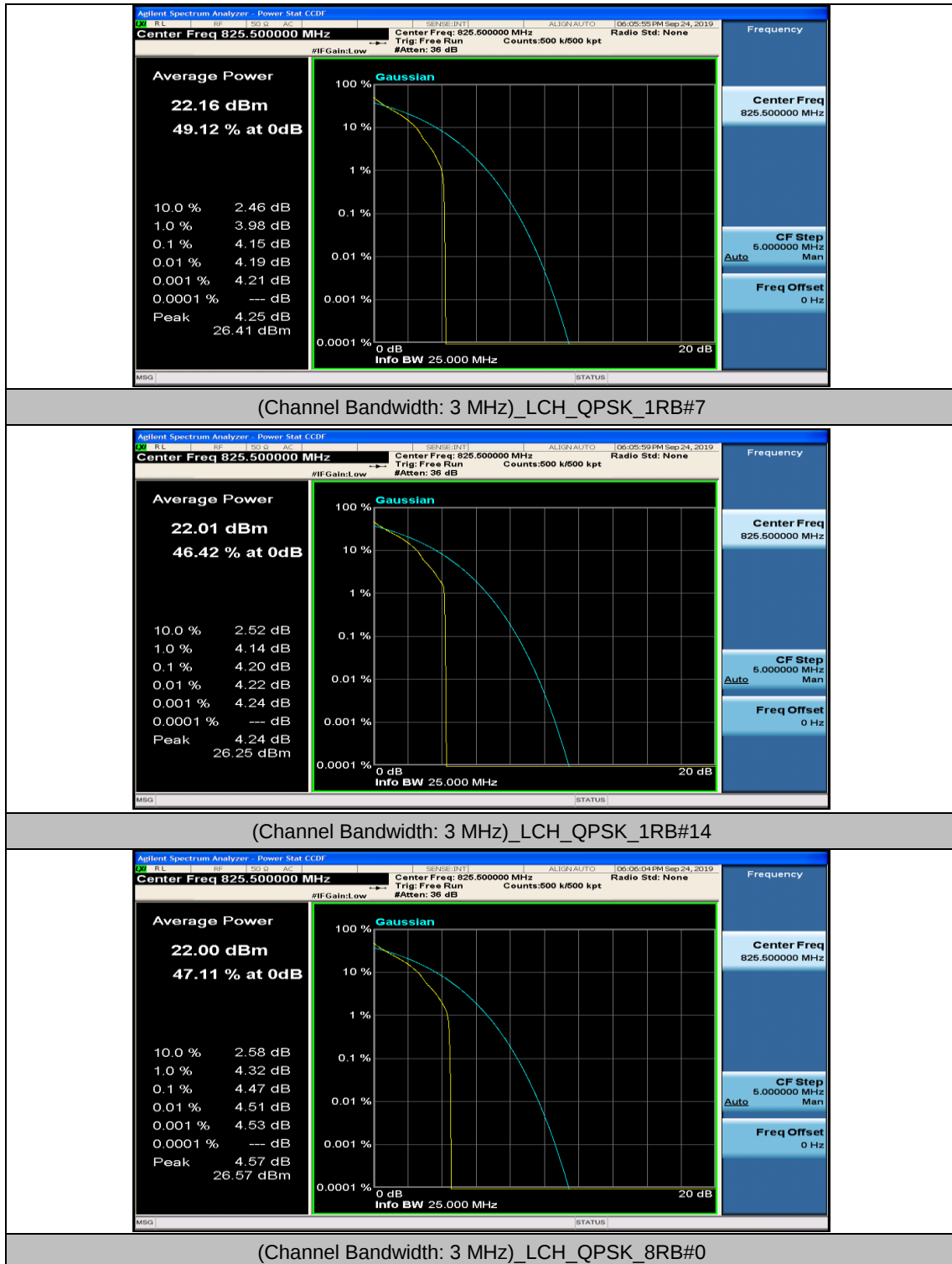
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3

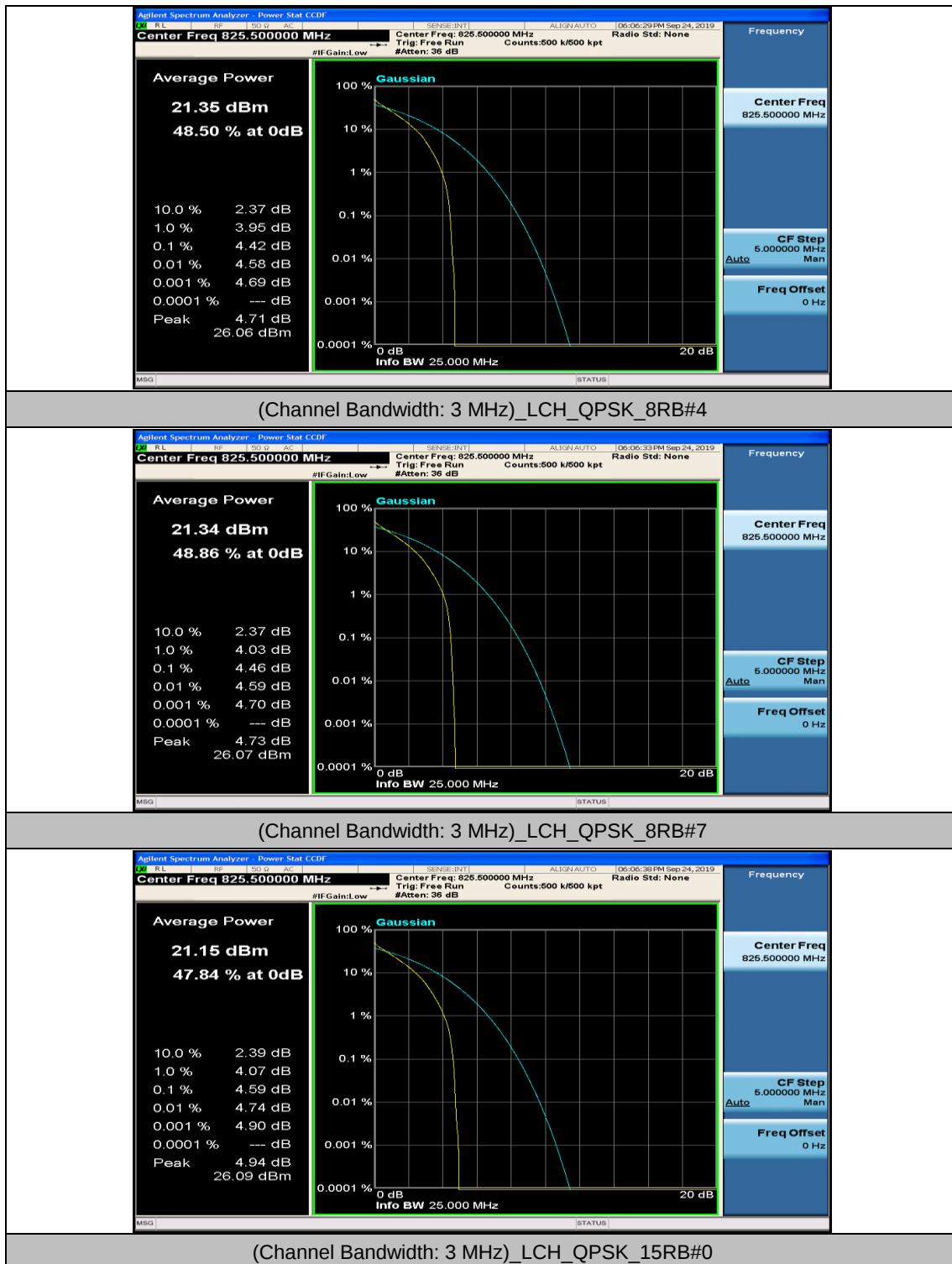


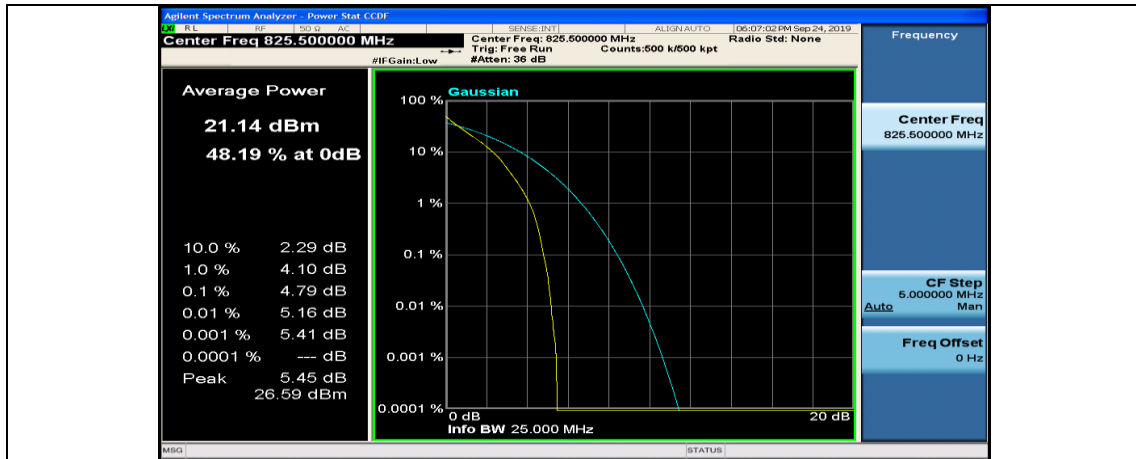


Channel Bandwidth: 3 MHz

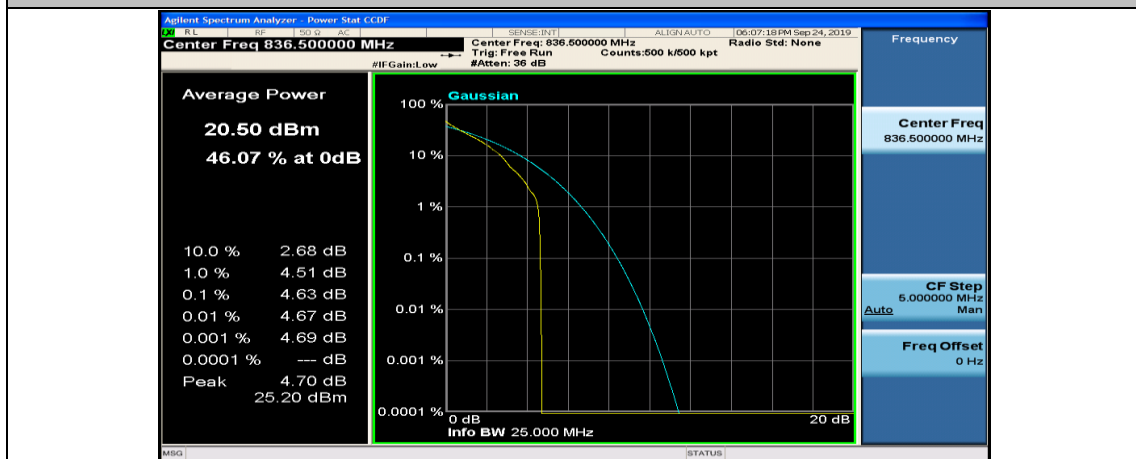
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



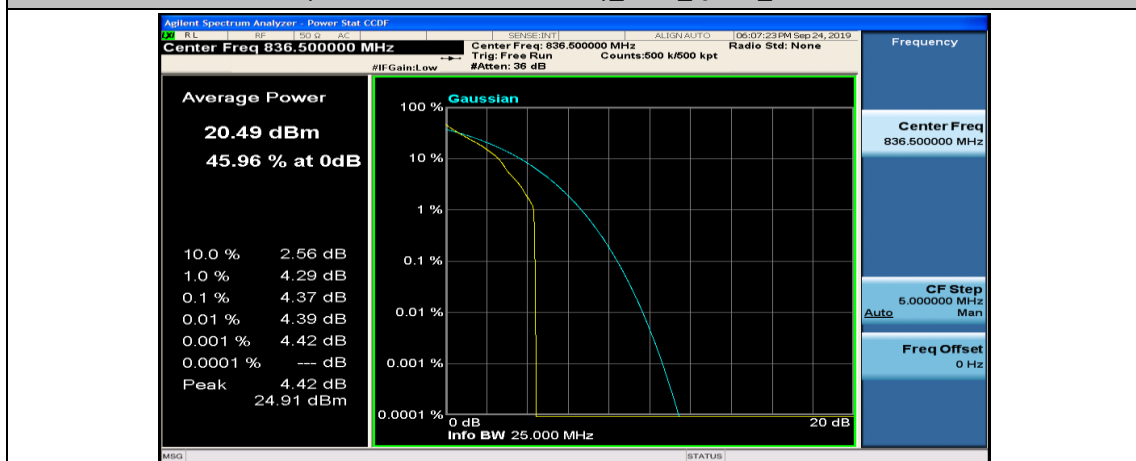




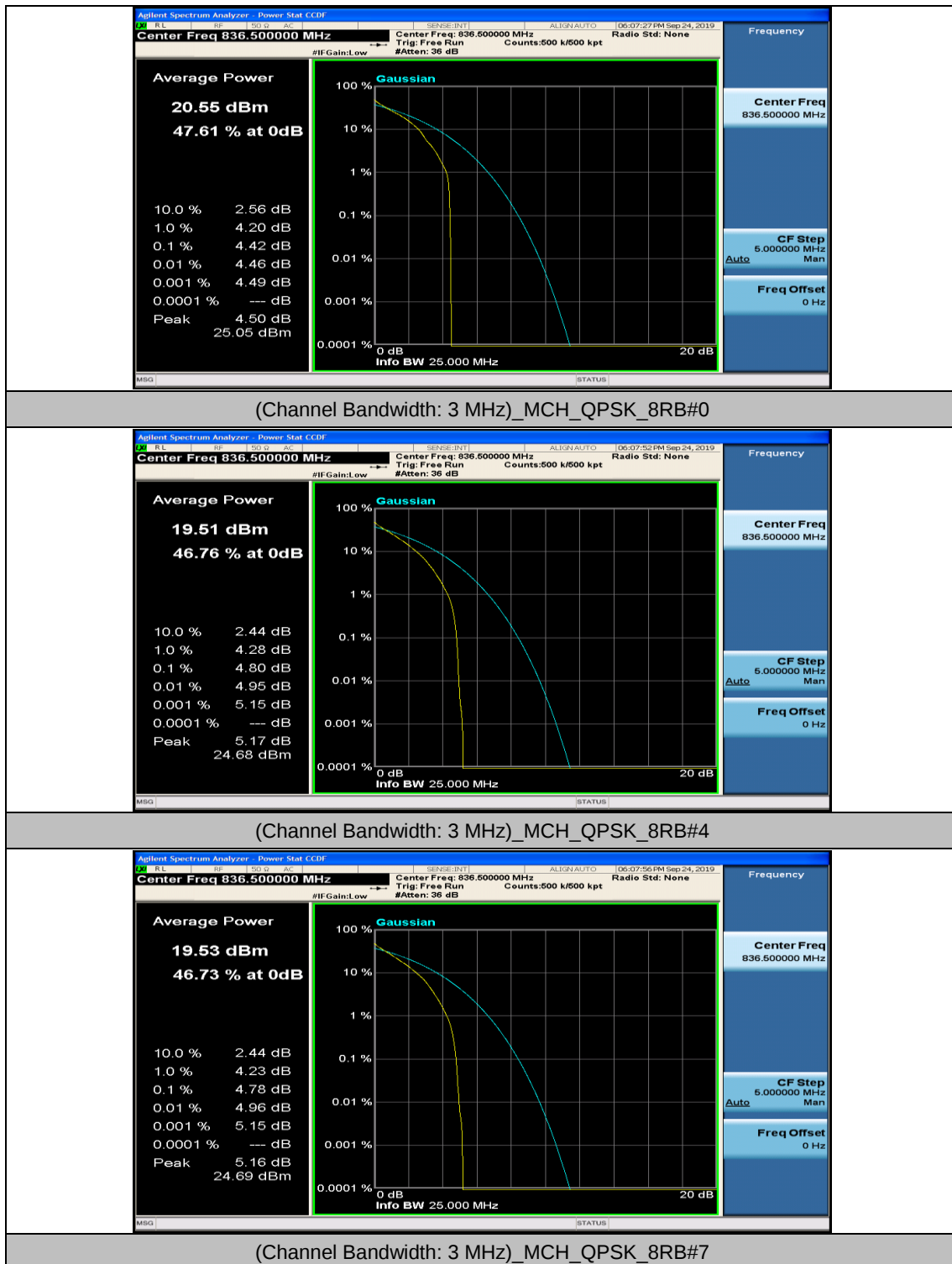
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

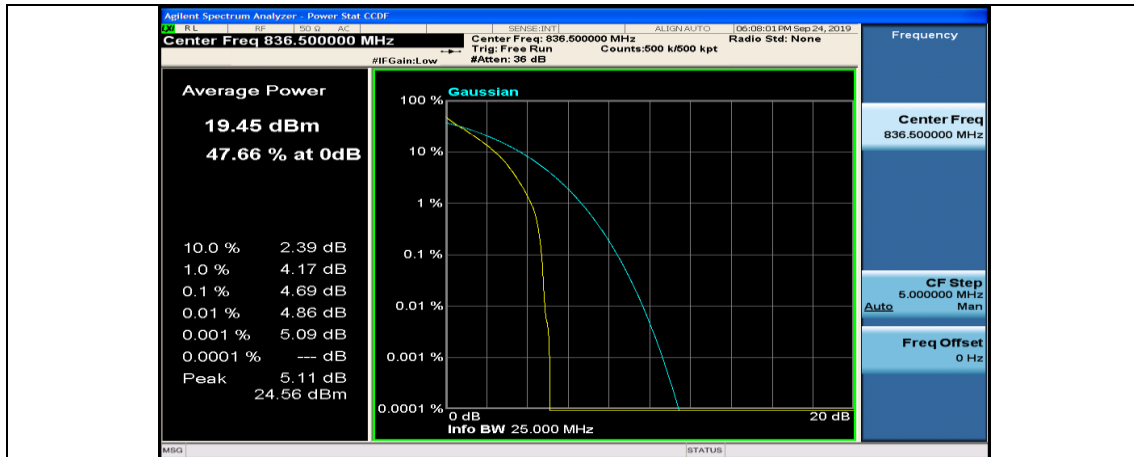


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

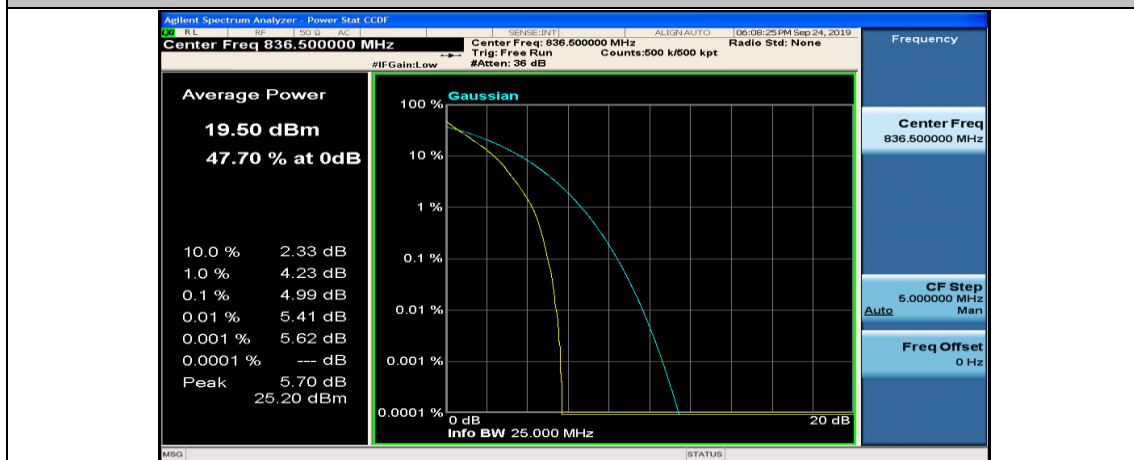


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

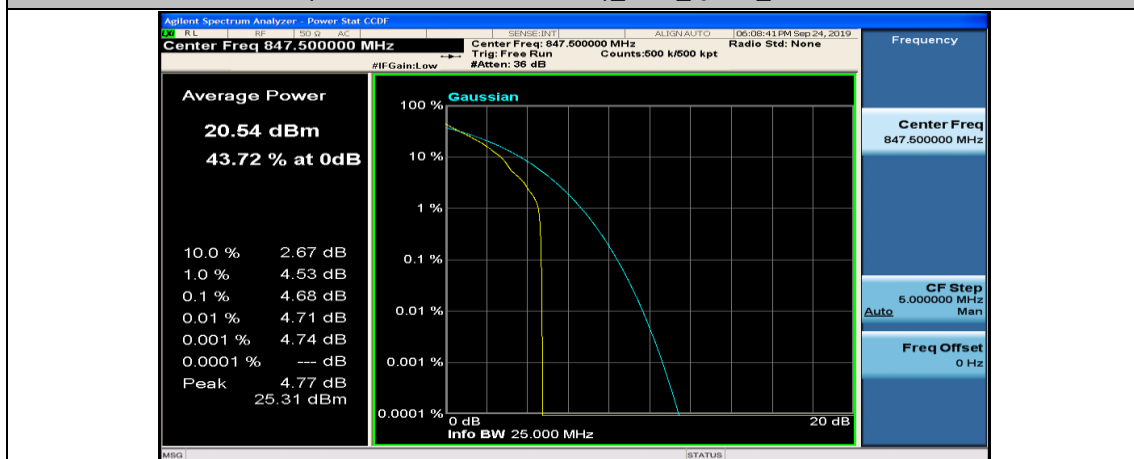




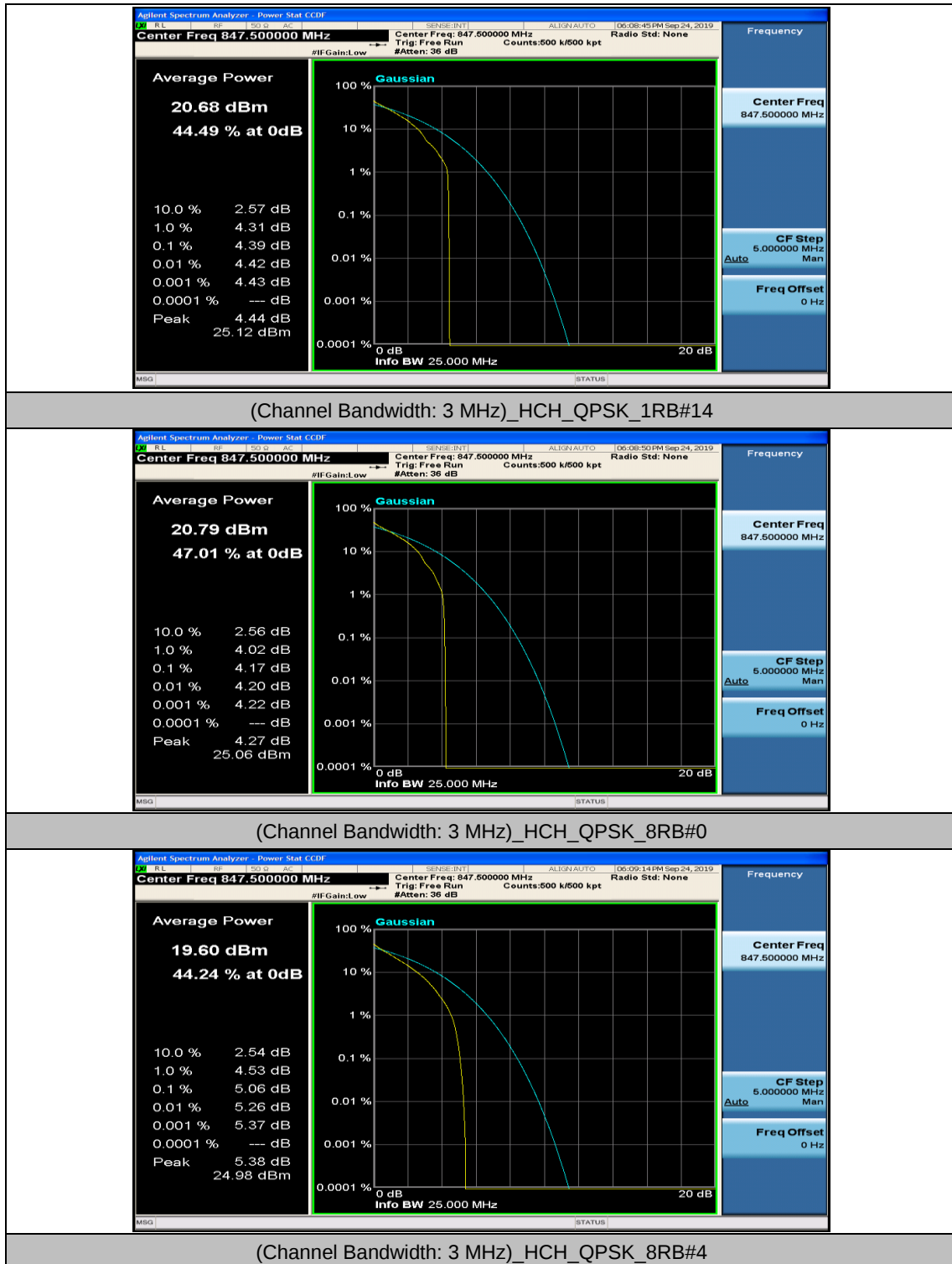
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0

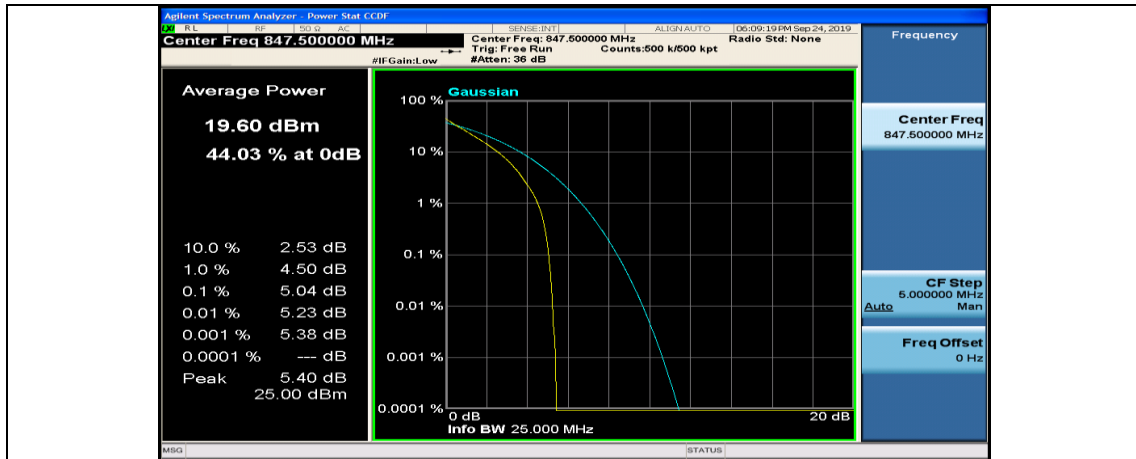


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

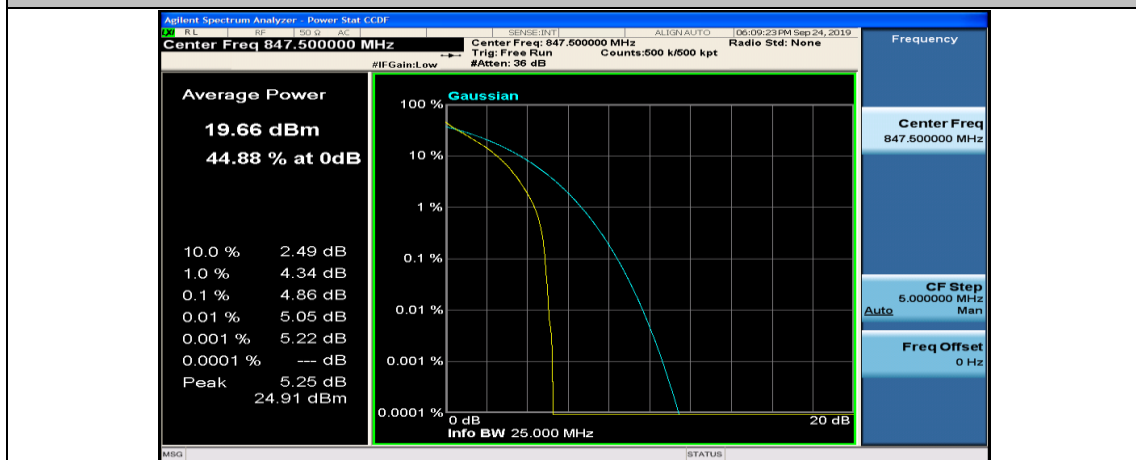


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7

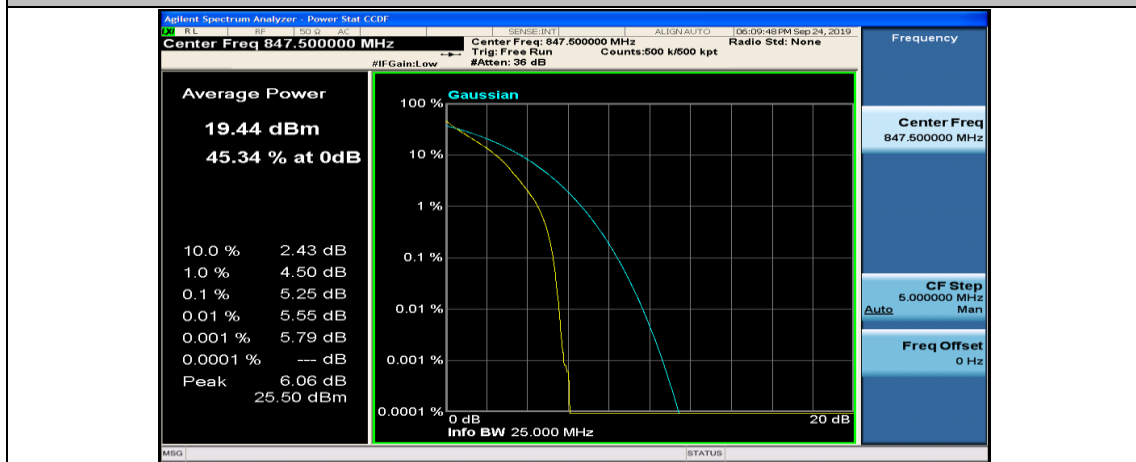




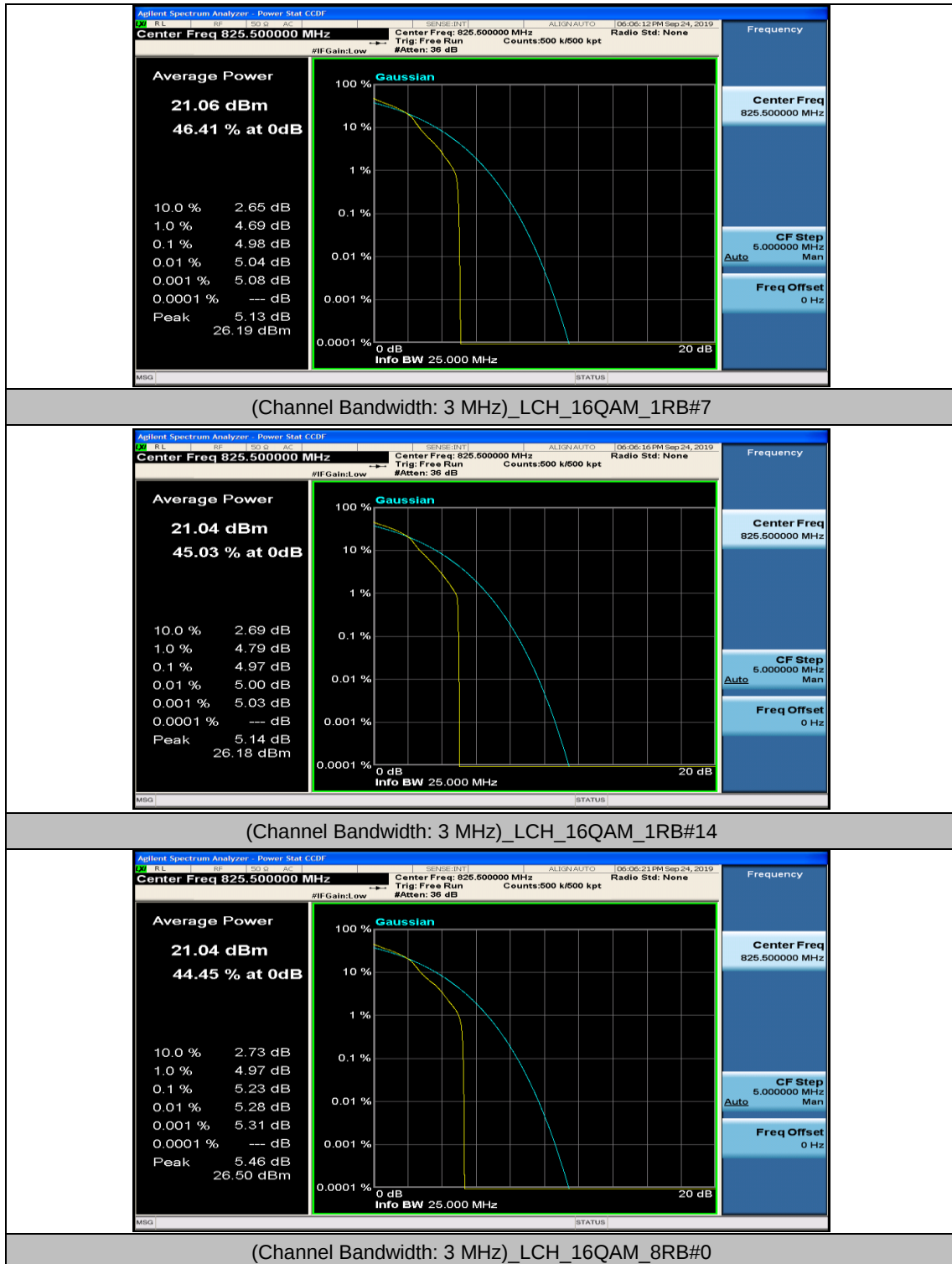
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7

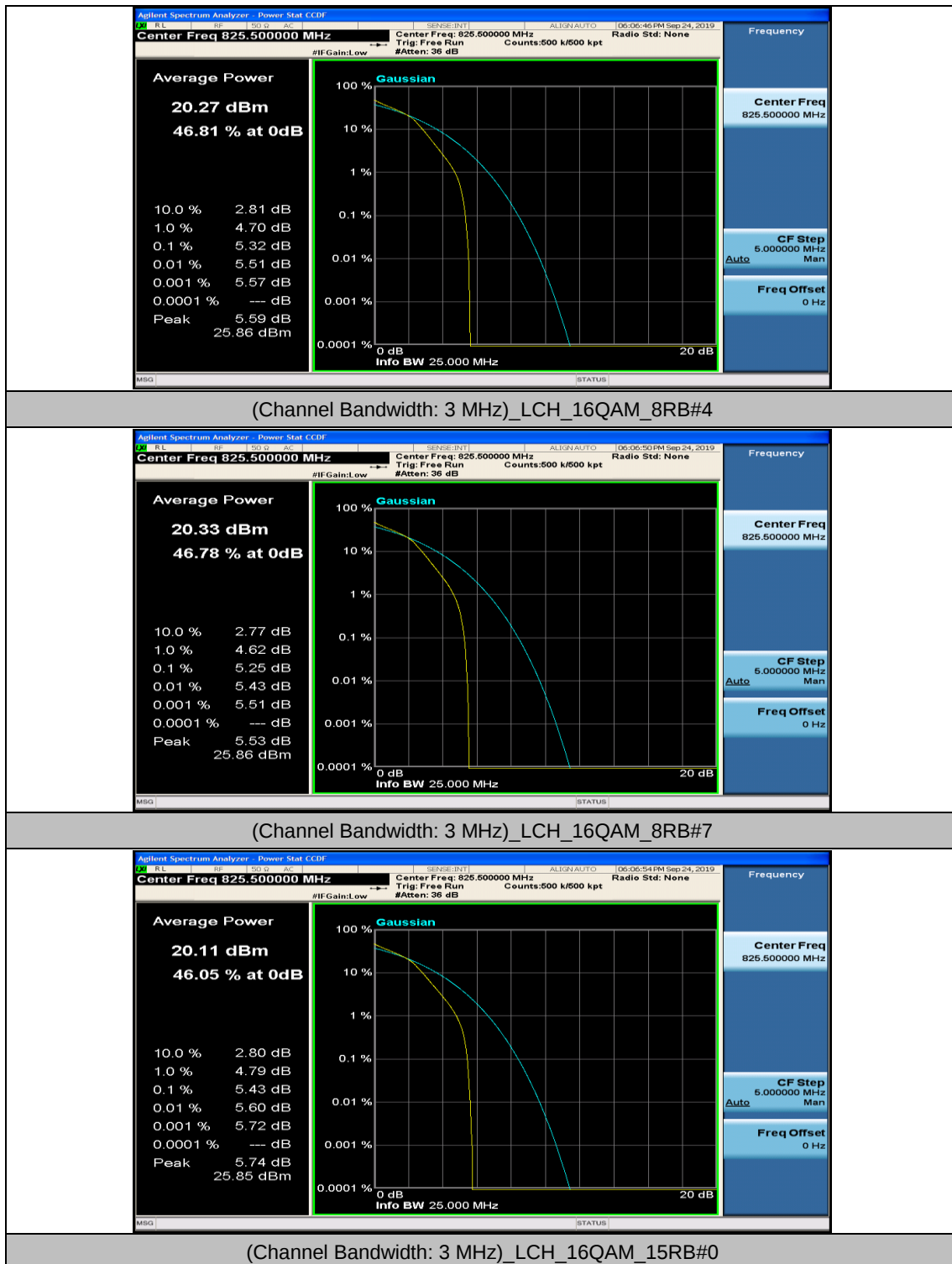


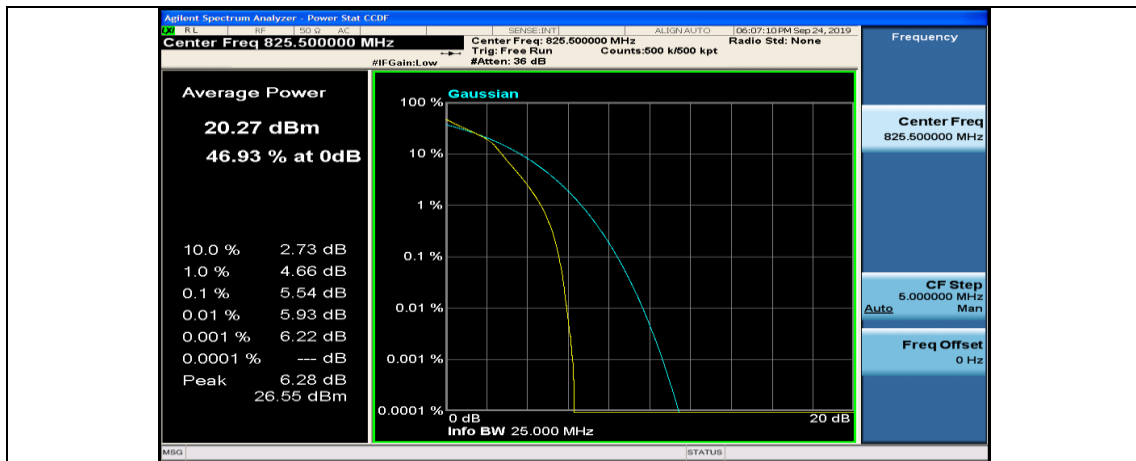
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



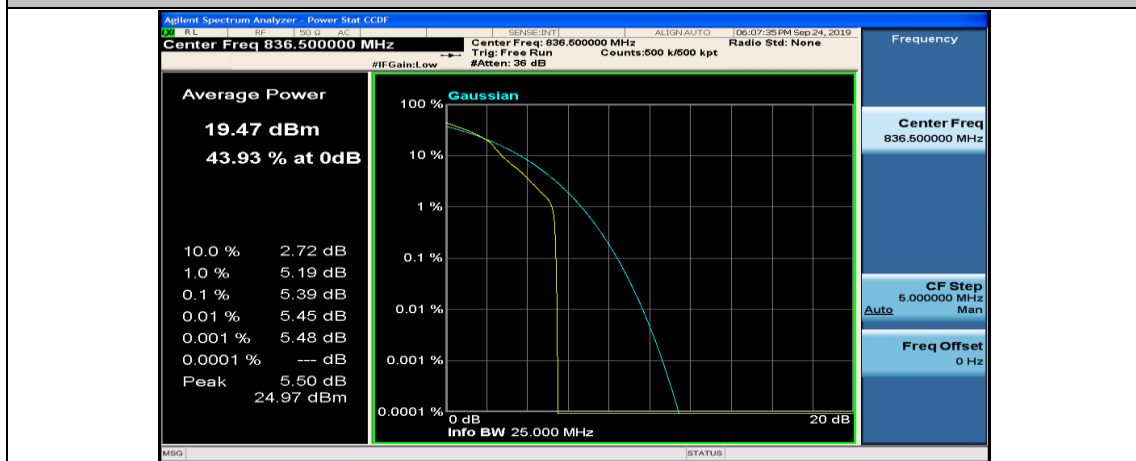
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



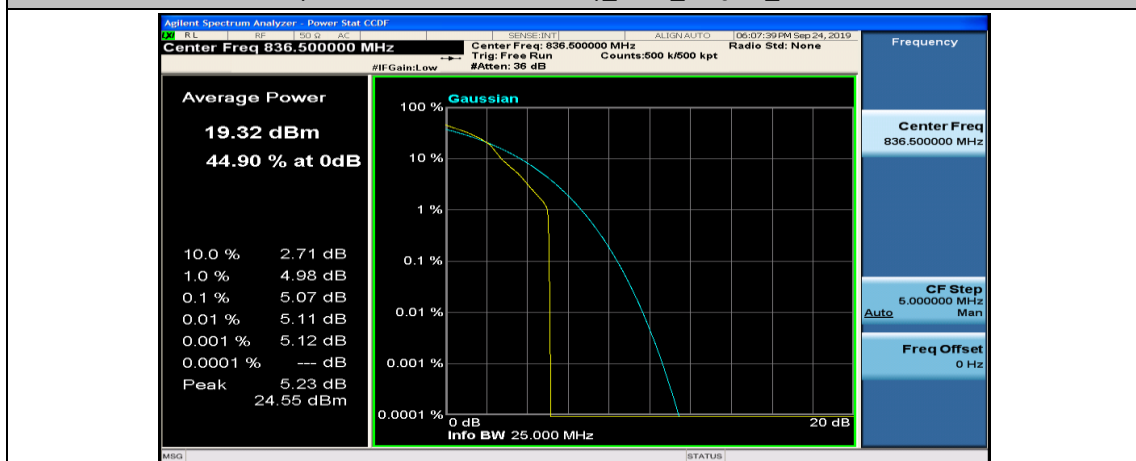




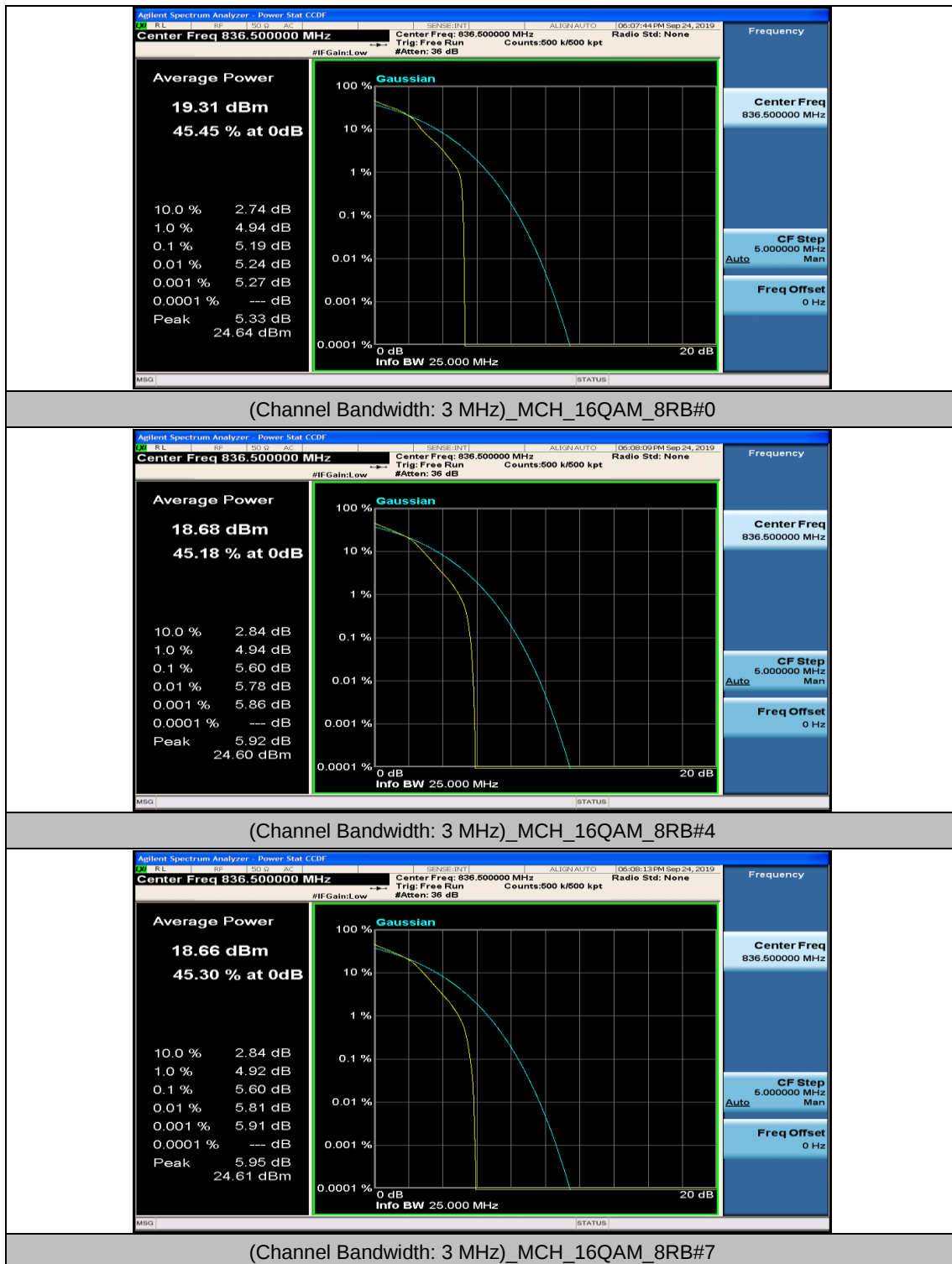
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

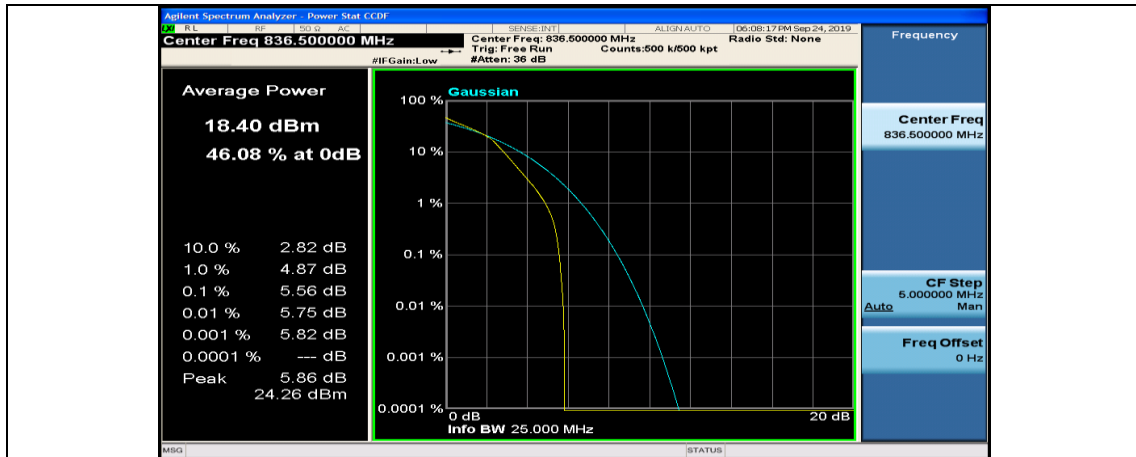


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

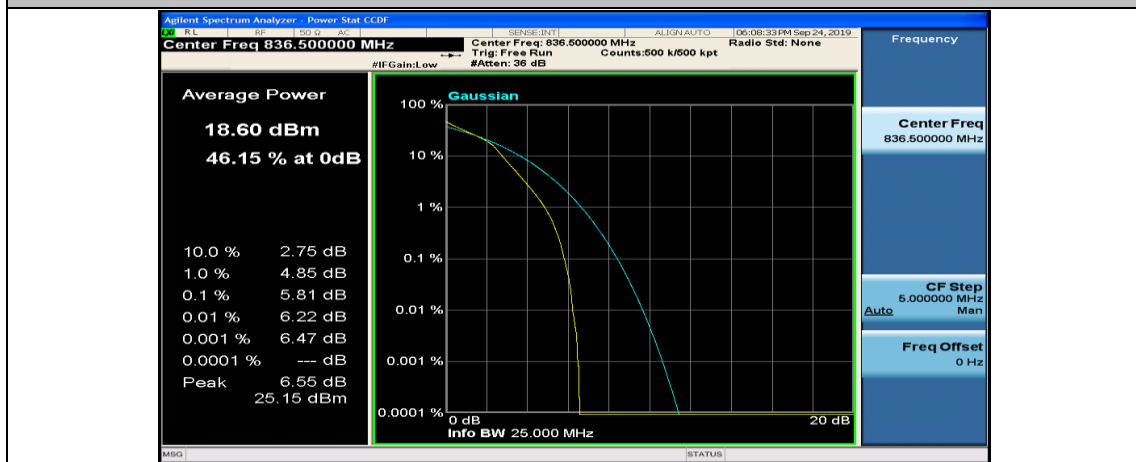


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

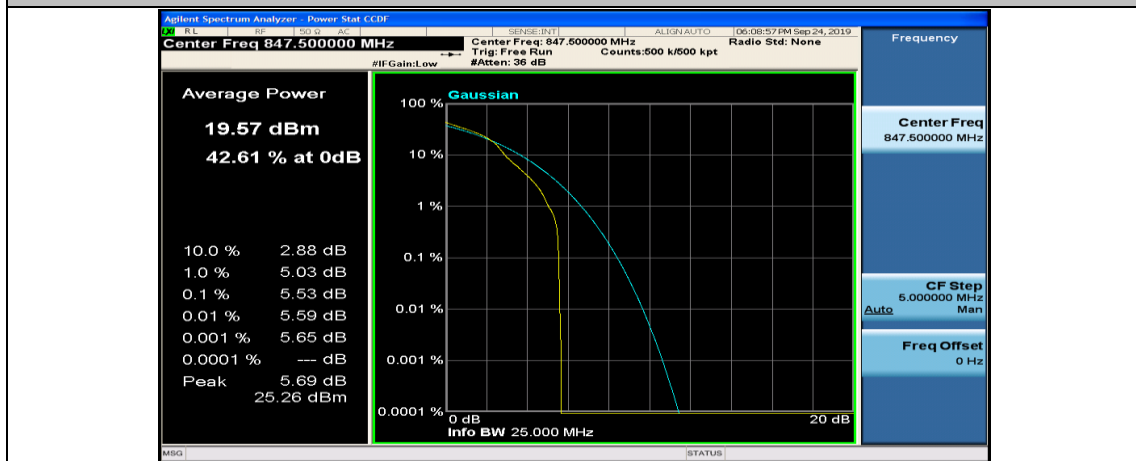




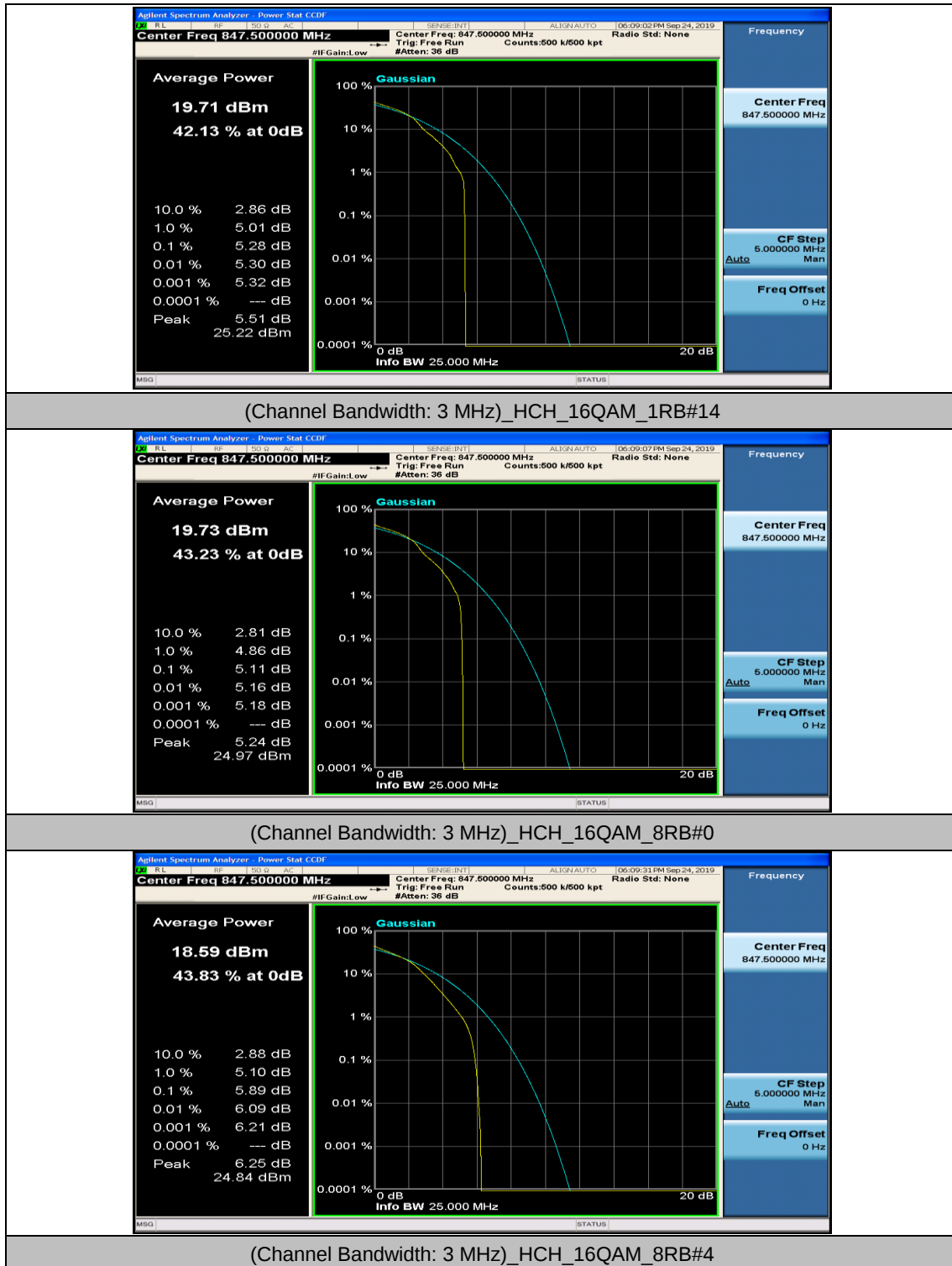
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0

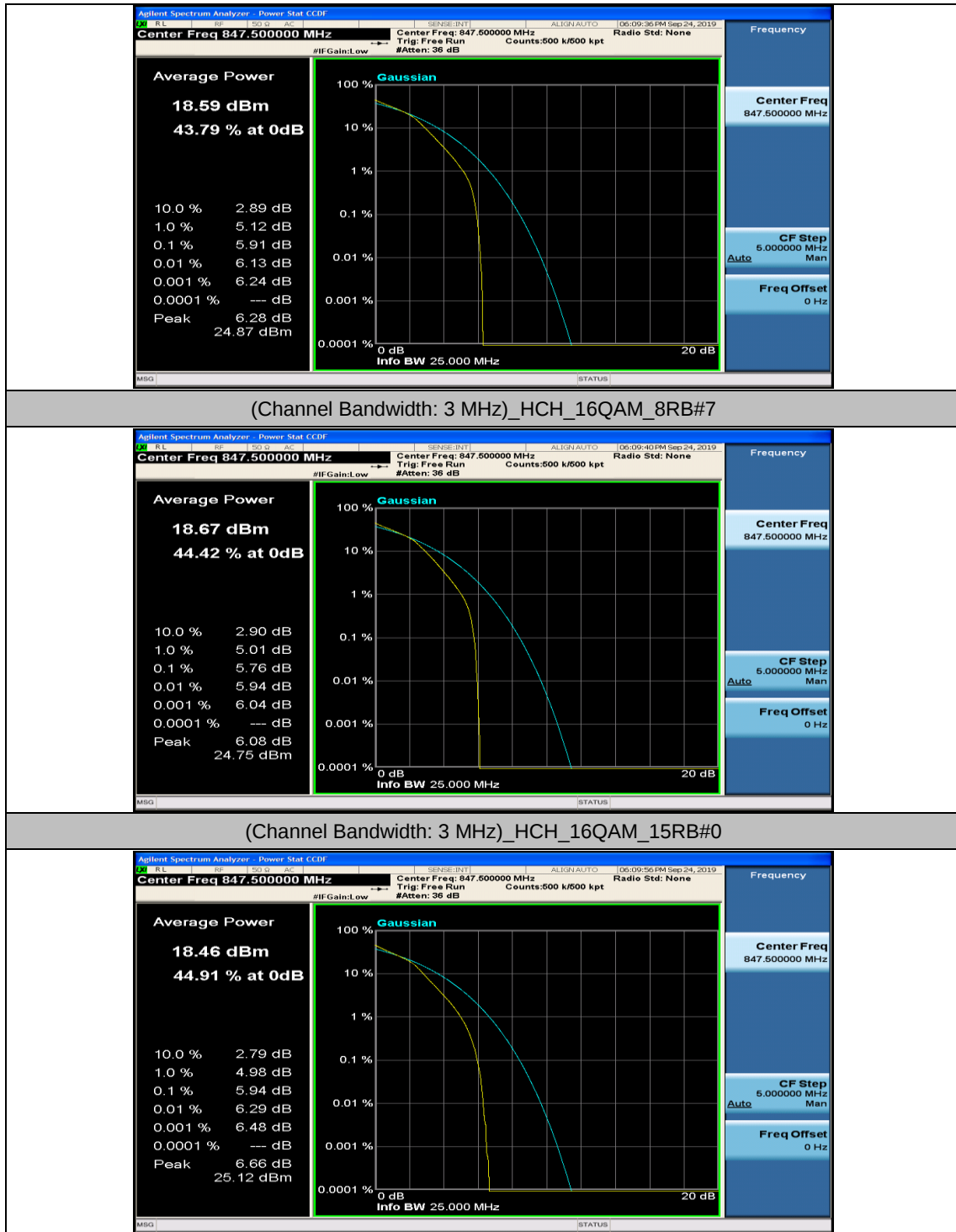


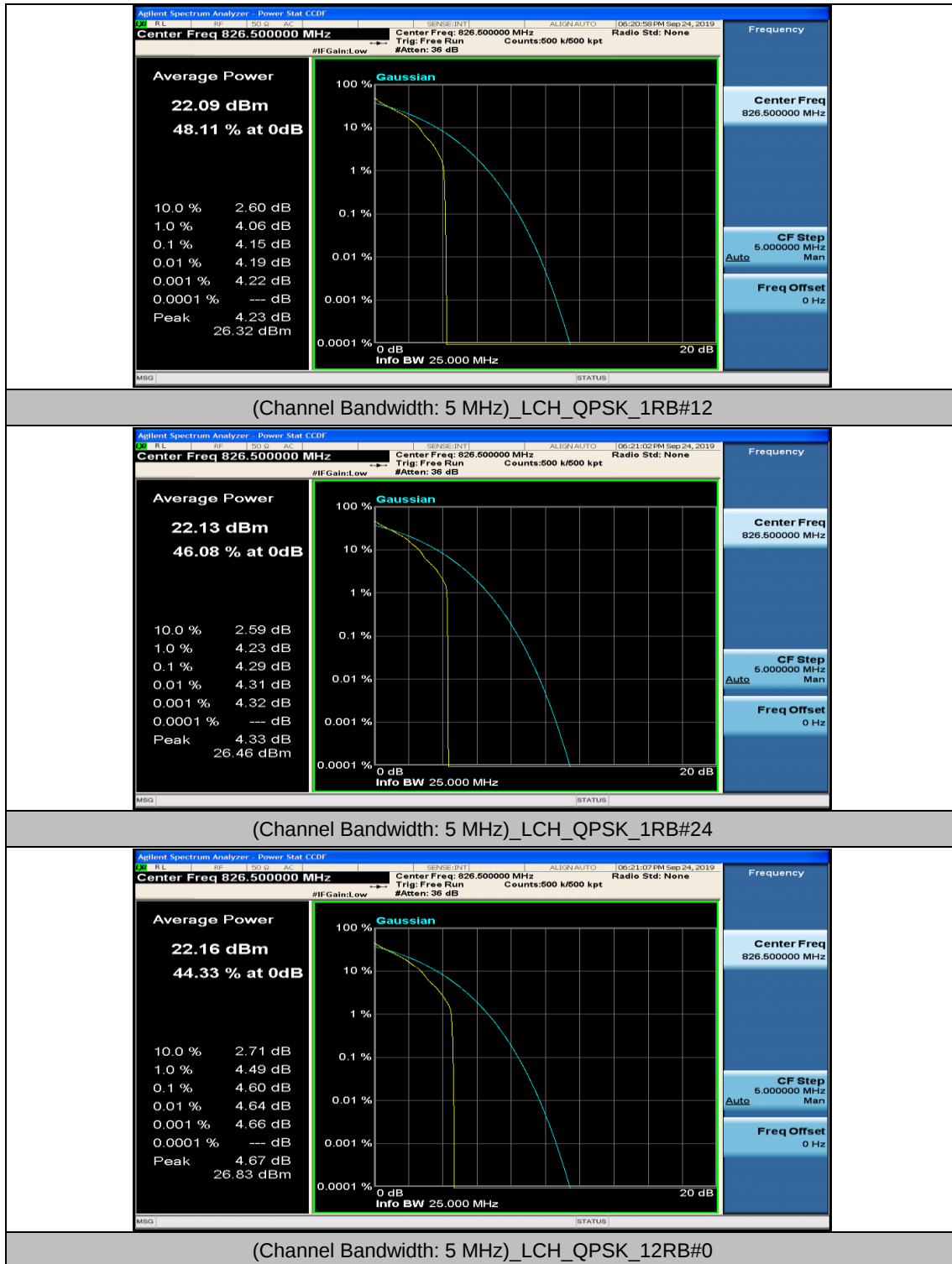
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0

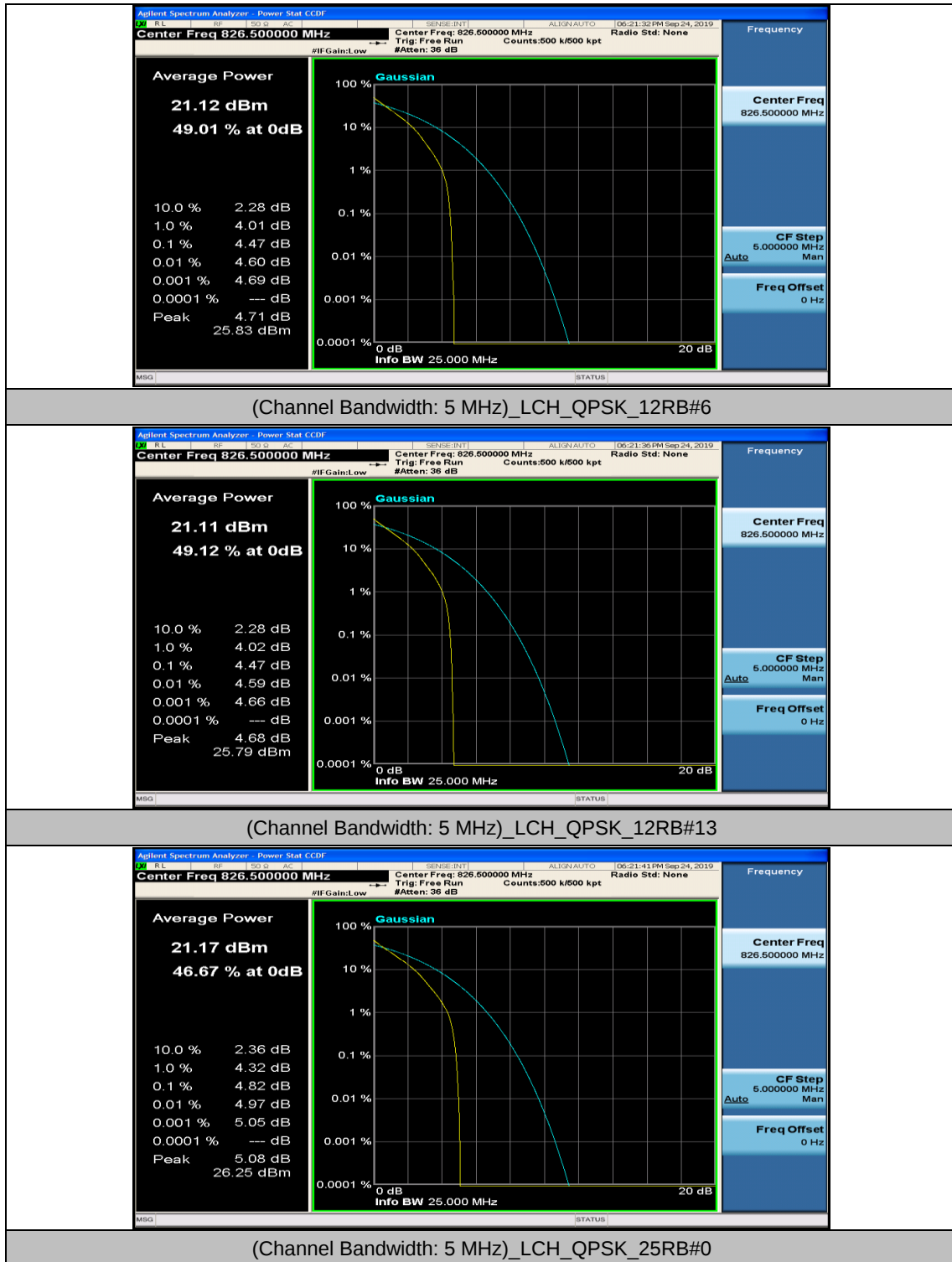


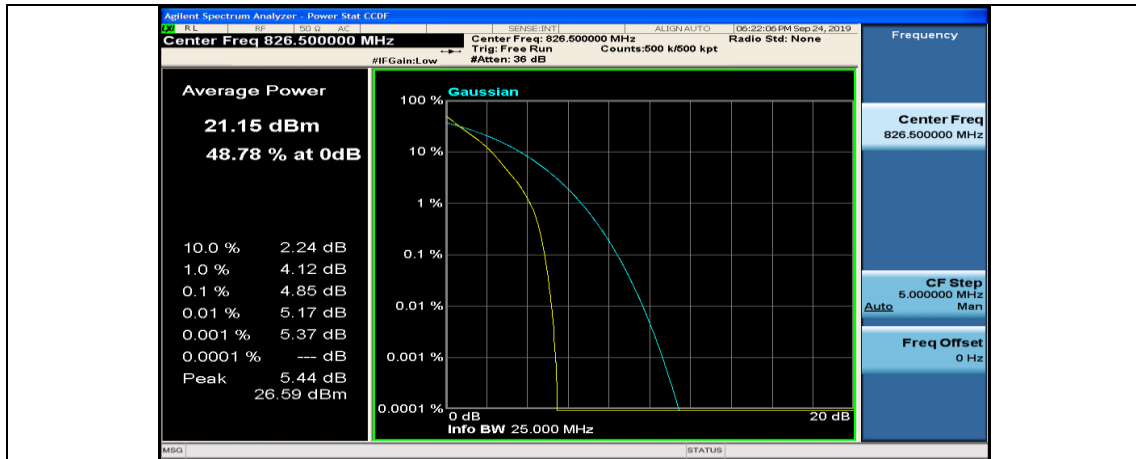
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



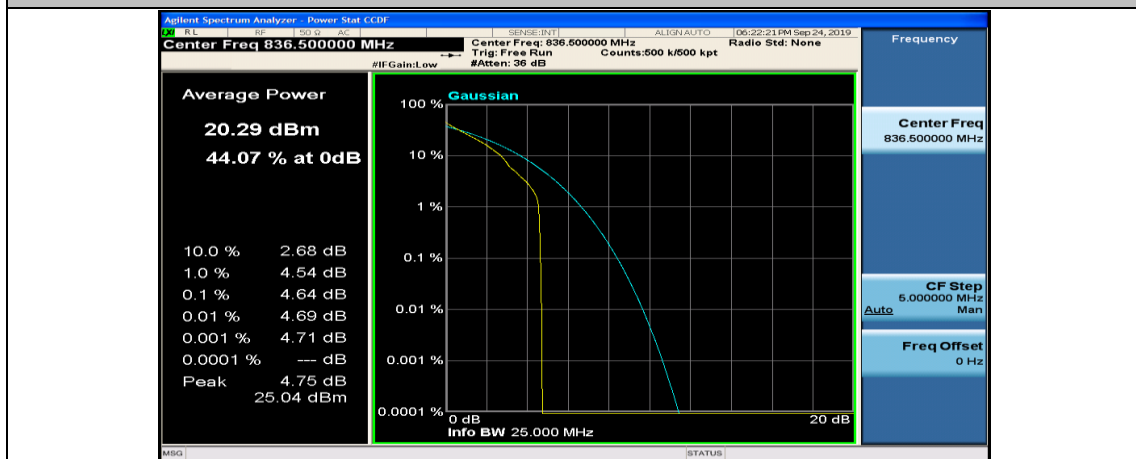




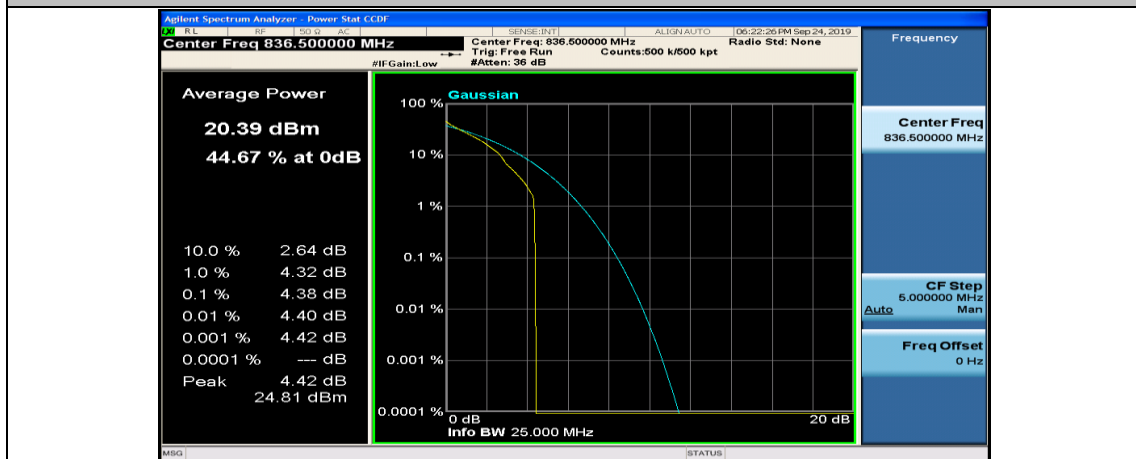




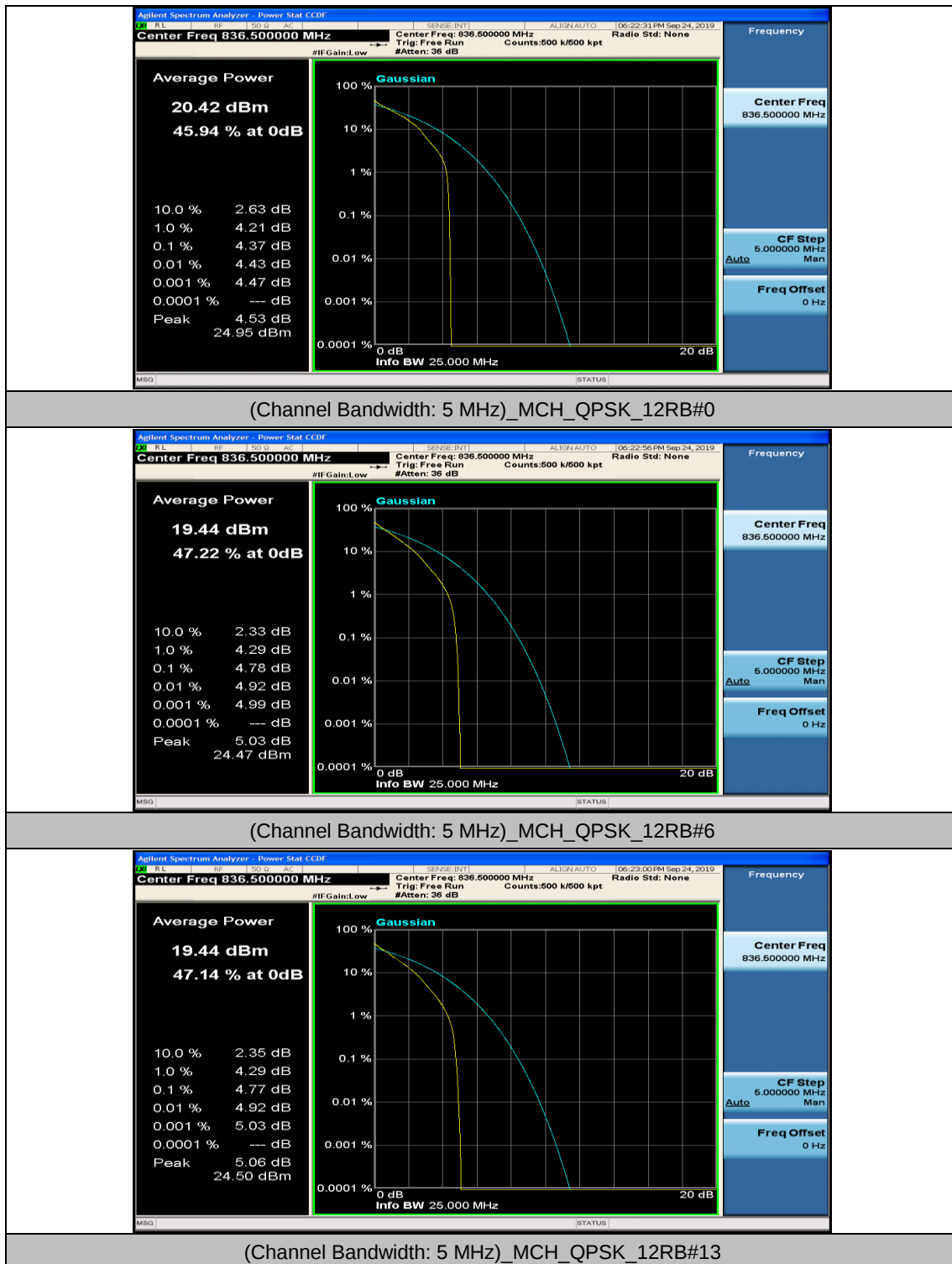
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

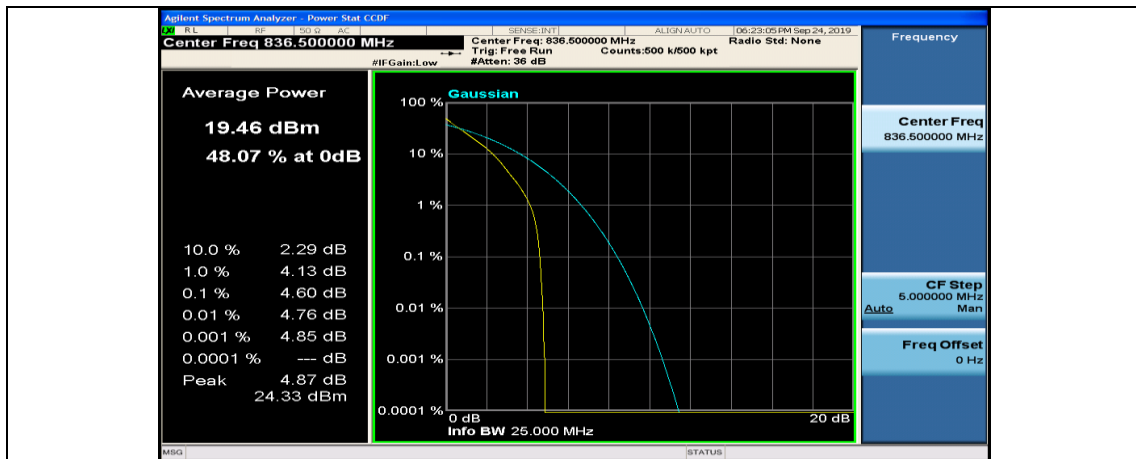


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

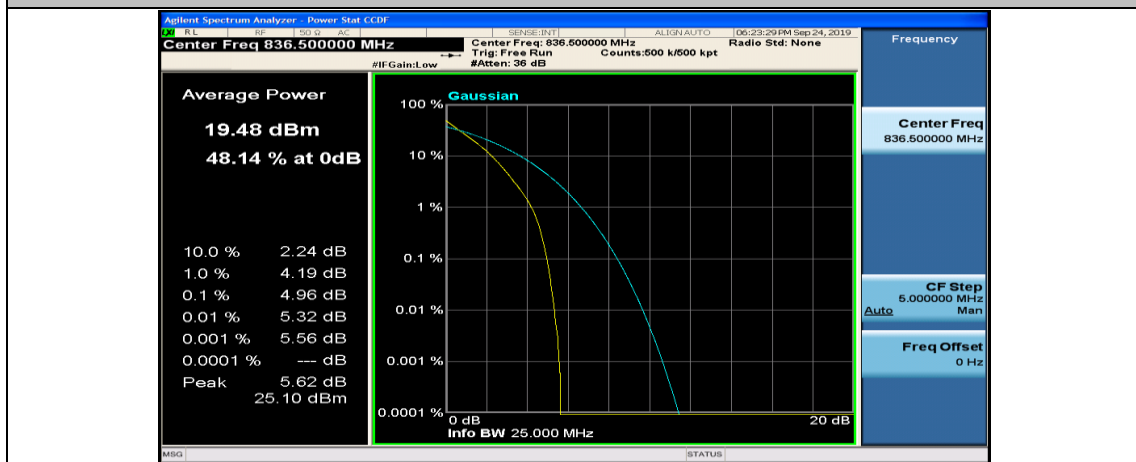


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

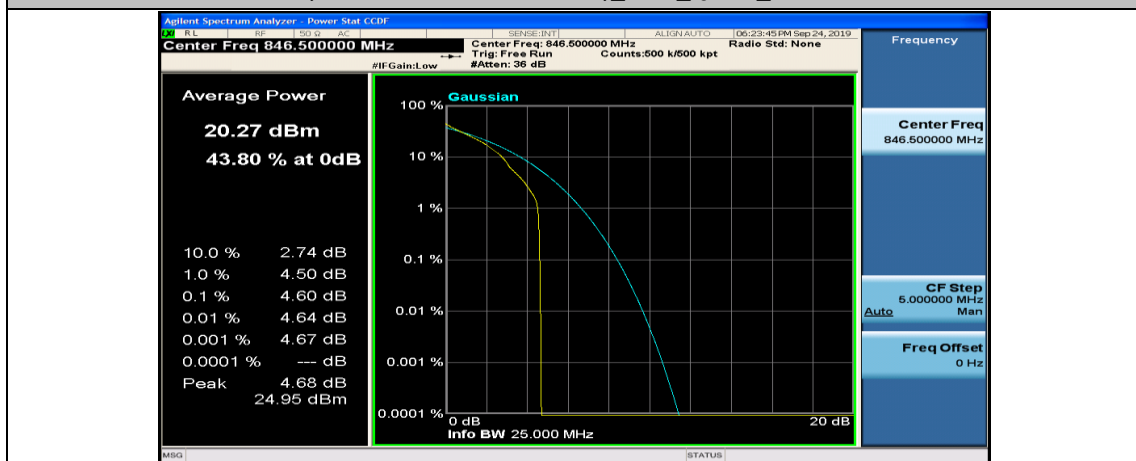




(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

