

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	22.40	24.30	PASS
		1	3	22.39	24.29	PASS
		1	5	22.26	24.16	PASS
		3	0	22.33	24.23	PASS
		3	2	22.37	24.27	PASS
		3	3	22.32	24.22	PASS
		6	0	21.33	23.23	PASS
	MCH	1	0	22.23	24.13	PASS
		1	3	22.18	24.08	PASS
		1	5	22.10	24.00	PASS
		3	0	22.28	24.18	PASS
		3	2	22.20	24.10	PASS
		3	3	22.15	24.05	PASS
		6	0	21.19	23.09	PASS
	HCH	1	0	22.39	24.29	PASS
		1	3	22.29	24.19	PASS
		1	5	22.06	23.96	PASS
		3	0	22.36	24.26	PASS
		3	2	22.29	24.19	PASS
		3	3	22.18	24.08	PASS
		6	0	21.22	23.12	PASS
16QAM	LCH	1	0	21.60	23.50	PASS
		1	3	21.68	23.58	PASS
		1	5	21.53	23.43	PASS
		3	0	21.53	23.43	PASS
		3	2	21.53	23.43	PASS
		3	3	21.48	23.38	PASS
		6	0	20.34	22.24	PASS
	MCH	1	0	21.46	23.36	PASS
		1	3	21.51	23.41	PASS
		1	5	21.37	23.27	PASS
		3	0	21.49	23.39	PASS
		3	2	21.37	23.27	PASS

		3	3	21.32	23.22	PASS
		6	0	20.21	22.11	PASS
	HCH	1	0	21.63	23.53	PASS
		1	3	21.64	23.54	PASS
		1	5	21.38	23.28	PASS
		3	0	21.57	23.47	PASS
		3	2	21.45	23.35	PASS
		3	3	21.35	23.25	PASS
		6	0	20.26	22.16	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	22.89	24.79	PASS
		1	7	22.34	24.24	PASS
		1	14	22.66	24.56	PASS
		8	0	21.48	23.38	PASS
		8	4	21.30	23.20	PASS
		8	7	21.23	23.13	PASS
		15	0	21.32	23.22	PASS
	MCH	1	0	22.74	24.64	PASS
		1	7	22.17	24.07	PASS
		1	14	22.26	24.16	PASS
		8	0	21.42	23.32	PASS
		8	4	21.24	23.14	PASS
		8	7	21.15	23.05	PASS
		15	0	21.28	23.18	PASS
	HCH	1	0	22.95	24.85	PASS
		1	7	22.48	24.38	PASS
		1	14	22.57	24.47	PASS
		8	0	21.42	23.32	PASS
		8	4	21.27	23.17	PASS
		8	7	21.31	23.21	PASS
		15	0	21.44	23.34	PASS
16QAM	LCH	1	0	22.21	24.11	PASS
		1	7	21.64	23.54	PASS
		1	14	21.95	23.85	PASS
		8	0	20.57	22.47	PASS
		8	4	20.42	22.32	PASS

		8	7	20.33	22.23	PASS
		15	0	20.34	22.24	PASS
	MCH	1	0	22.07	23.97	PASS
		1	7	21.51	23.41	PASS
		1	14	21.63	23.53	PASS
		8	0	20.54	22.44	PASS
		8	4	20.37	22.27	PASS
		8	7	20.26	22.16	PASS
		15	0	20.30	22.20	PASS
	HCH	1	0	22.25	24.15	PASS
		1	7	21.79	23.69	PASS
		1	14	21.87	23.77	PASS
		8	0	20.53	22.43	PASS
		8	4	20.40	22.30	PASS
		8	7	20.42	22.32	PASS
		15	0	20.46	22.36	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	23.41	25.31	PASS
		1	12	22.53	24.43	PASS
		1	24	22.91	24.81	PASS
		12	0	21.82	23.72	PASS
		12	6	21.37	23.27	PASS
		12	13	21.50	23.40	PASS
		25	0	21.70	23.60	PASS
	MCH	1	0	23.19	25.09	PASS
		1	12	22.24	24.14	PASS
		1	24	22.56	24.46	PASS
		12	0	21.74	23.64	PASS
		12	6	21.30	23.20	PASS
		12	13	21.44	23.34	PASS
		25	0	21.59	23.49	PASS
	HCH	1	0	23.13	25.03	PASS
		1	12	22.48	24.38	PASS
		1	24	22.89	24.79	PASS
		12	0	21.85	23.75	PASS
		12	6	21.43	23.33	PASS

16QAM		12	13	21.62	23.52	PASS
		25	0	21.81	23.71	PASS
	LCH	1	0	22.67	24.57	PASS
		1	12	21.79	23.69	PASS
		1	24	22.18	24.08	PASS
		12	0	20.90	22.80	PASS
		12	6	20.46	22.36	PASS
		12	13	20.59	22.49	PASS
		25	0	20.75	22.65	PASS
	MCH	1	0	22.45	24.35	PASS
		1	12	21.54	23.44	PASS
		1	24	21.92	23.82	PASS
		12	0	20.83	22.73	PASS
		12	6	20.39	22.29	PASS
		12	13	20.53	22.43	PASS
		25	0	20.63	22.53	PASS
	HCH	1	0	22.40	24.30	PASS
		1	12	21.75	23.65	PASS
		1	24	22.18	24.08	PASS
		12	0	20.94	22.84	PASS
		12	6	20.54	22.44	PASS
		12	13	20.72	22.62	PASS
		25	0	20.86	22.76	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	23.54	25.44	PASS
		1	24	22.29	24.19	PASS
		1	49	22.88	24.78	PASS
		25	0	21.97	23.87	PASS
		25	12	21.36	23.26	PASS
		25	25	21.41	23.31	PASS
		50	0	21.75	23.65	PASS
	MCH	1	0	23.53	25.43	PASS
		1	24	22.19	24.09	PASS
		1	49	22.51	24.41	PASS
		25	0	21.89	23.79	PASS
		25	12	21.32	23.22	PASS

		25	25	21.56	23.46	PASS
		50	0	21.75	23.65	PASS
	HCH	1	0	23.03	24.93	PASS
		1	24	22.30	24.20	PASS
		1	49	22.98	24.88	PASS
		25	0	21.86	23.76	PASS
		25	12	21.46	23.36	PASS
		25	25	21.67	23.57	PASS
		50	0	21.81	23.71	PASS
16QAM	LCH	1	0	22.89	24.79	PASS
		1	24	21.58	23.48	PASS
		1	49	22.19	24.09	PASS
		25	0	21.02	22.92	PASS
		25	12	20.40	22.30	PASS
		25	25	20.44	22.34	PASS
		50	0	20.80	22.70	PASS
	MCH	1	0	22.87	24.77	PASS
		1	24	21.55	23.45	PASS
		1	49	21.91	23.81	PASS
		25	0	20.92	22.82	PASS
		25	12	20.36	22.26	PASS
		25	25	20.61	22.51	PASS
		50	0	20.79	22.69	PASS
	HCH	1	0	22.46	24.36	PASS
		1	24	21.64	23.54	PASS
		1	49	22.31	24.21	PASS
		25	0	20.94	22.84	PASS
		25	12	20.52	22.42	PASS
		25	25	20.74	22.64	PASS
		50	0	20.87	22.77	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	3.83	<13	PASS
		1	3	3.83	<13	PASS
		1	5	3.98	<13	PASS
		3	0	3.95	<13	PASS
		3	2	3.92	<13	PASS
		3	3	4.01	<13	PASS
		6	0	4.75	<13	PASS
	MCH	1	0	3.84	<13	PASS
		1	3	3.62	<13	PASS
		1	5	3.60	<13	PASS
		3	0	3.81	<13	PASS
		3	2	3.69	<13	PASS
		3	3	3.67	<13	PASS
		6	0	4.63	<13	PASS
	HCH	1	0	4.62	<13	PASS
		1	3	4.52	<13	PASS
		1	5	4.65	<13	PASS
		3	0	4.80	<13	PASS
		3	2	4.72	<13	PASS
		3	3	4.81	<13	PASS
		6	0	5.35	<13	PASS
16QAM	LCH	1	0	4.69	<13	PASS
		1	3	4.62	<13	PASS
		1	5	4.83	<13	PASS
		3	0	4.85	<13	PASS
		3	2	4.87	<13	PASS
		3	3	4.94	<13	PASS
		6	0	5.58	<13	PASS
	MCH	1	0	4.65	<13	PASS
		1	3	4.42	<13	PASS
		1	5	4.44	<13	PASS

		3	0	4.75	<13	PASS
		3	2	4.59	<13	PASS
		3	3	4.62	<13	PASS
		6	0	5.56	<13	PASS
	HCH	1	0	5.49	<13	PASS
		1	3	5.31	<13	PASS
		1	5	5.43	<13	PASS
		3	0	5.71	<13	PASS
		3	2	5.59	<13	PASS
		3	3	5.72	<13	PASS
		6	0	6.21	<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	3.47	<13	PASS
		1	7	3.92	<13	PASS
		1	14	4.13	<13	PASS
		8	0	4.56	<13	PASS
		8	4	4.61	<13	PASS
		8	7	4.73	<13	PASS
		15	0	4.94	<13	PASS
	MCH	1	0	3.74	<13	PASS
		1	7	3.63	<13	PASS
		1	14	3.15	<13	PASS
		8	0	4.55	<13	PASS
		8	4	4.41	<13	PASS
		8	7	4.33	<13	PASS
		15	0	4.63	<13	PASS
	HCH	1	0	4.24	<13	PASS
		1	7	4.47	<13	PASS
		1	14	4.52	<13	PASS
		8	0	5.02	<13	PASS
		8	4	5.03	<13	PASS
		8	7	5.07	<13	PASS
		15	0	5.34	<13	PASS
16QAM	LCH	1	0	4.27	<13	PASS
		1	7	4.75	<13	PASS
		1	14	4.82	<13	PASS

		8	0	5.41	<13	PASS
		8	4	5.44	<13	PASS
		8	7	5.58	<13	PASS
		15	0	5.81	<13	PASS
	MCH	1	0	4.54	<13	PASS
		1	7	4.43	<13	PASS
		1	14	3.98	<13	PASS
		8	0	5.43	<13	PASS
		8	4	5.27	<13	PASS
		8	7	5.21	<13	PASS
		15	0	5.62	<13	PASS
	HCH	1	0	5.01	<13	PASS
		1	7	5.16	<13	PASS
		1	14	5.29	<13	PASS
		8	0	5.90	<13	PASS
		8	4	5.83	<13	PASS
		8	7	5.91	<13	PASS
		15	0	6.24	<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	3.22	<13	PASS
		1	12	4.11	<13	PASS
		1	24	4.34	<13	PASS
		12	0	4.42	<13	PASS
		12	6	4.65	<13	PASS
		12	13	4.80	<13	PASS
		25	0	4.94	<13	PASS
	MCH	1	0	3.83	<13	PASS
		1	12	3.66	<13	PASS
		1	24	2.79	<13	PASS
		12	0	4.52	<13	PASS
		12	6	4.41	<13	PASS
		12	13	4.01	<13	PASS
		25	0	4.48	<13	PASS
	HCH	1	0	3.44	<13	PASS
		1	12	4.37	<13	PASS
		1	24	4.41	<13	PASS

16QAM		12	0	4.63	<13	PASS
		12	6	4.84	<13	PASS
		12	13	4.93	<13	PASS
		25	0	5.11	<13	PASS
	LCH	1	0	4.04	<13	PASS
		1	12	4.98	<13	PASS
		1	24	5.28	<13	PASS
		12	0	5.32	<13	PASS
		12	6	5.52	<13	PASS
		12	13	5.69	<13	PASS
		25	0	5.76	<13	PASS
	MCH	1	0	4.64	<13	PASS
		1	12	4.52	<13	PASS
		1	24	3.58	<13	PASS
		12	0	5.42	<13	PASS
		12	6	5.32	<13	PASS
		12	13	4.93	<13	PASS
		25	0	5.38	<13	PASS
	HCH	1	0	4.28	<13	PASS
		1	12	5.19	<13	PASS
		1	24	5.12	<13	PASS
		12	0	5.50	<13	PASS
		12	6	5.69	<13	PASS
		12	13	5.81	<13	PASS
		25	0	5.95	<13	PASS

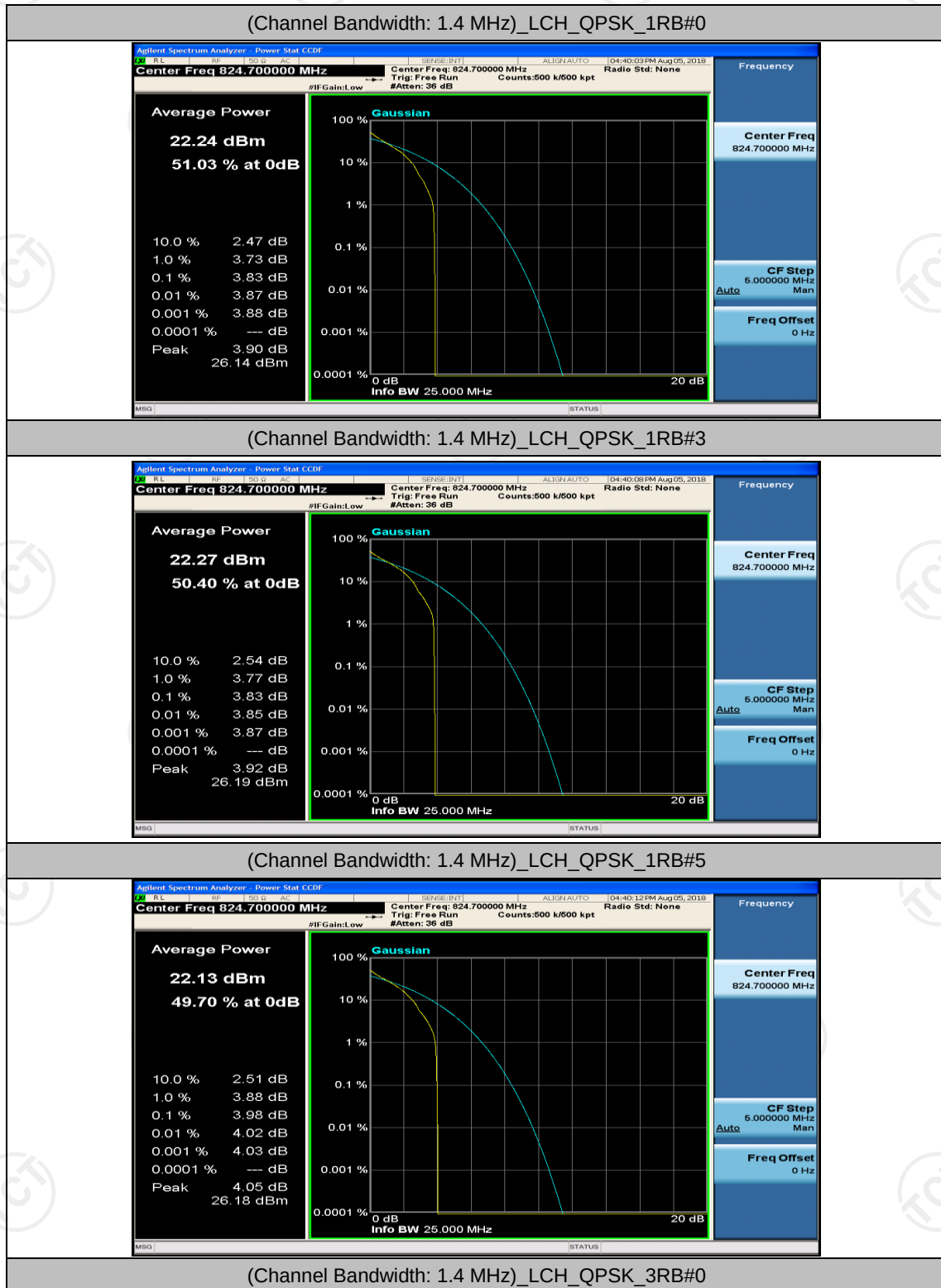
Channel Bandwidth: 10 MHz

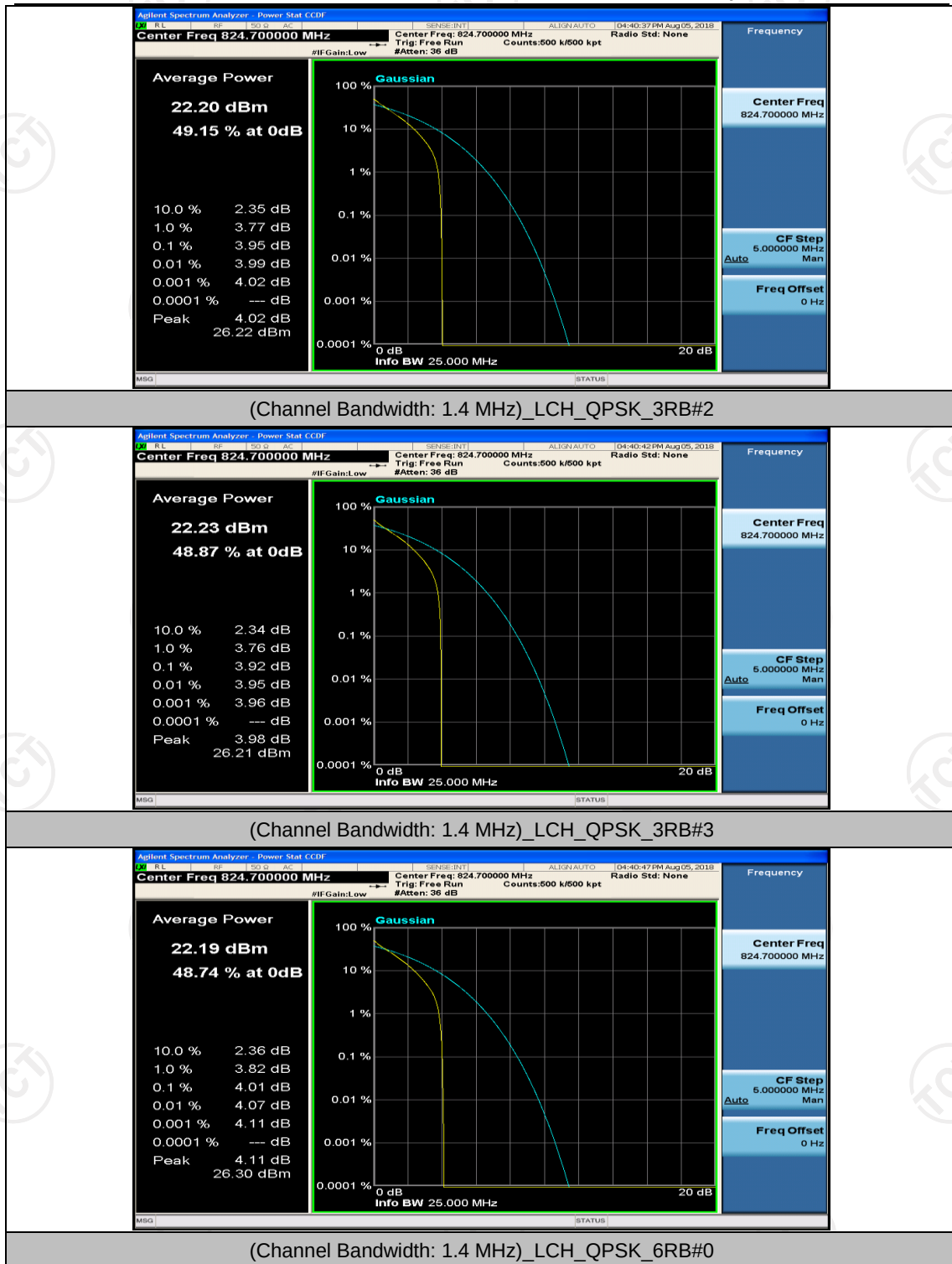
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.09	<13	PASS
		1	24	4.47	<13	PASS
		1	49	4.25	<13	PASS
		25	0	4.64	<13	PASS
		25	12	4.90	<13	PASS
		25	25	4.96	<13	PASS
		50	0	5.21	<13	PASS
	MCH	1	0	4.21	<13	PASS
		1	24	3.69	<13	PASS
		1	49	2.88	<13	PASS

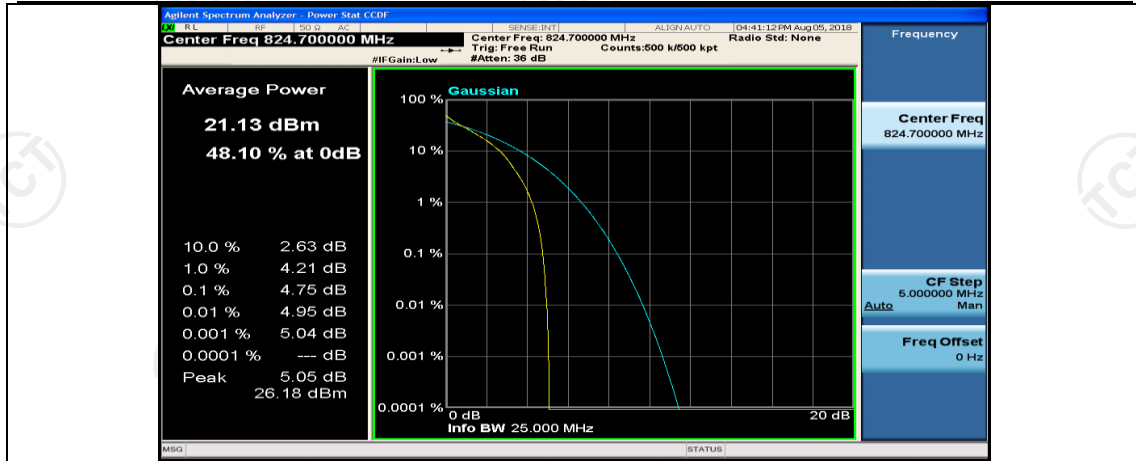
		25	0	4.74	<13	PASS
		25	12	4.44	<13	PASS
		25	25	3.86	<13	PASS
		50	0	4.70	<13	PASS
	HCH	1	0	2.34	<13	PASS
		1	24	3.75	<13	PASS
		1	49	4.38	<13	PASS
		25	0	3.72	<13	PASS
		25	12	4.41	<13	PASS
		25	25	4.82	<13	PASS
		50	0	4.67	<13	PASS
	16QAM	LCH	1	0	3.83	<13
1			24	5.20	<13	PASS
1			49	5.06	<13	PASS
25			0	5.52	<13	PASS
25			12	5.78	<13	PASS
25			25	5.84	<13	PASS
50			0	5.97	<13	PASS
MCH		1	0	4.96	<13	PASS
		1	24	4.53	<13	PASS
		1	49	3.59	<13	PASS
		25	0	5.65	<13	PASS
		25	12	5.36	<13	PASS
		25	25	4.75	<13	PASS
		50	0	5.51	<13	PASS
HCH		1	0	3.04	<13	PASS
		1	24	4.51	<13	PASS
		1	49	5.08	<13	PASS
		25	0	4.59	<13	PASS
		25	12	5.32	<13	PASS
		25	25	5.70	<13	PASS
		50	0	5.47	<13	PASS

Test Graphs

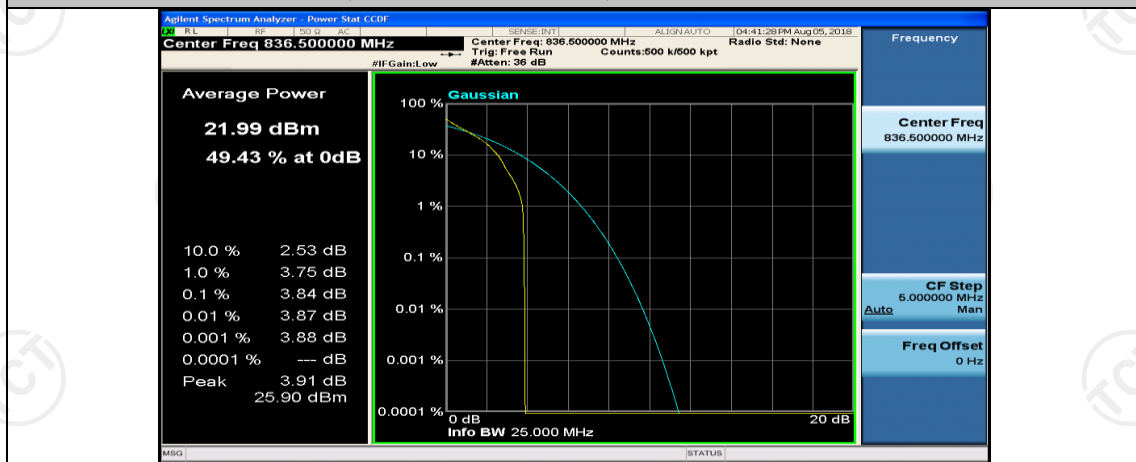
Channel Bandwidth: 1.4 MHz



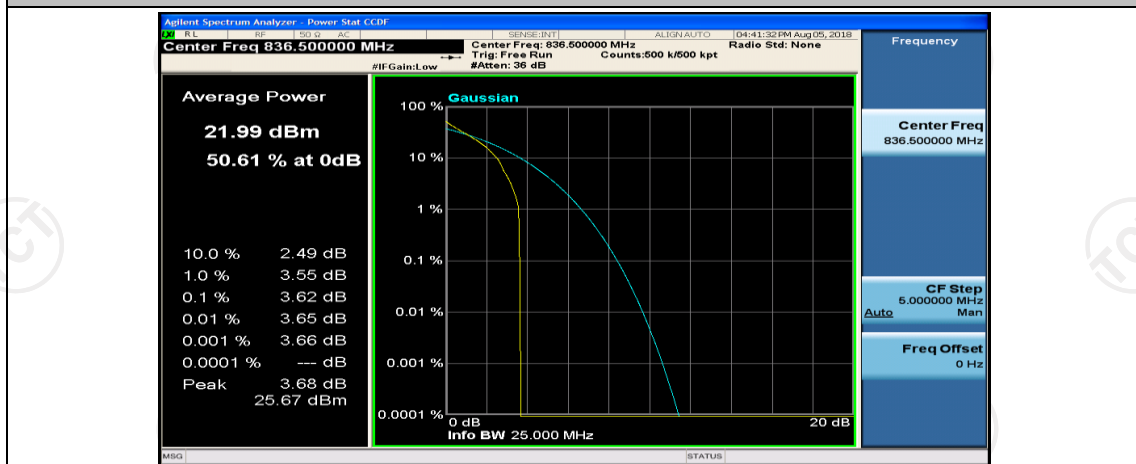




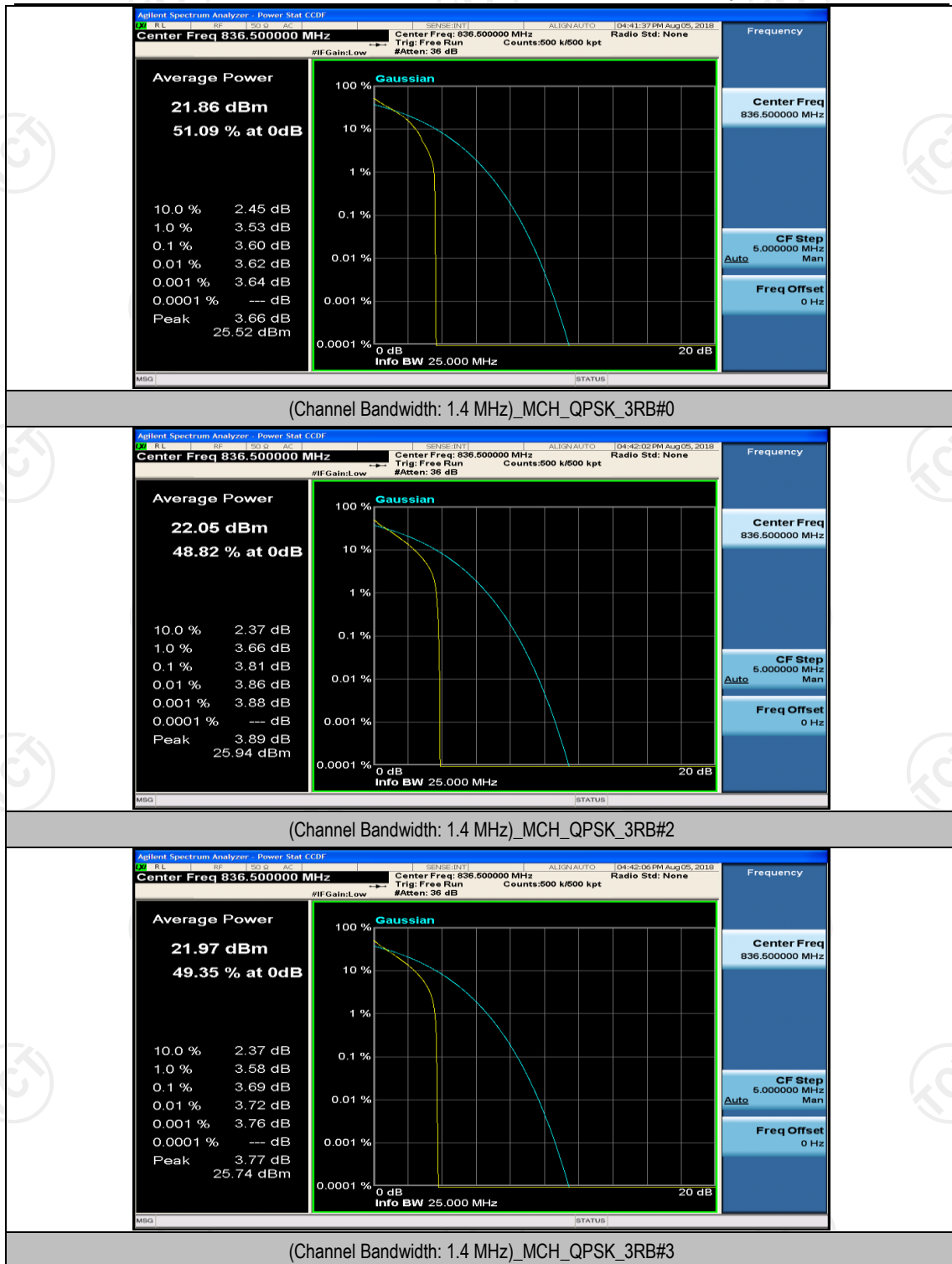
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

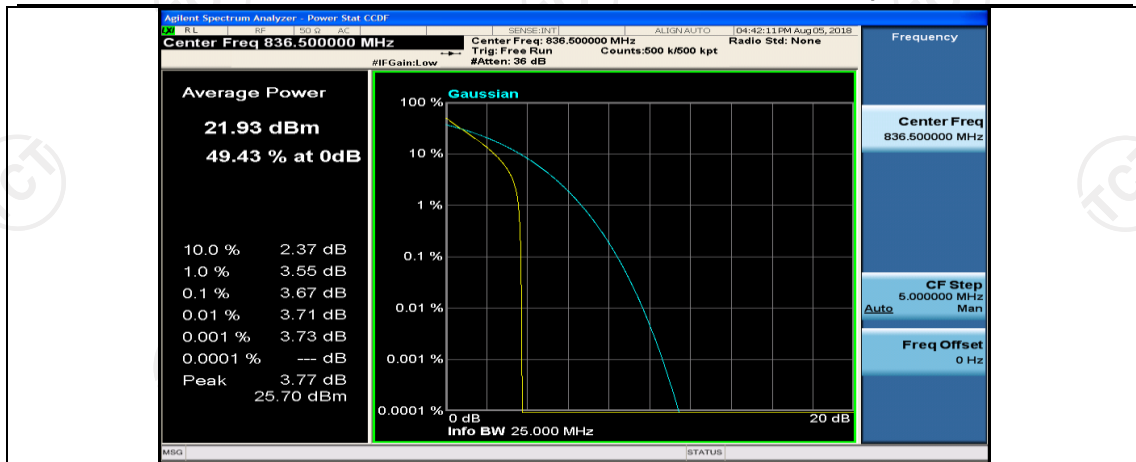


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

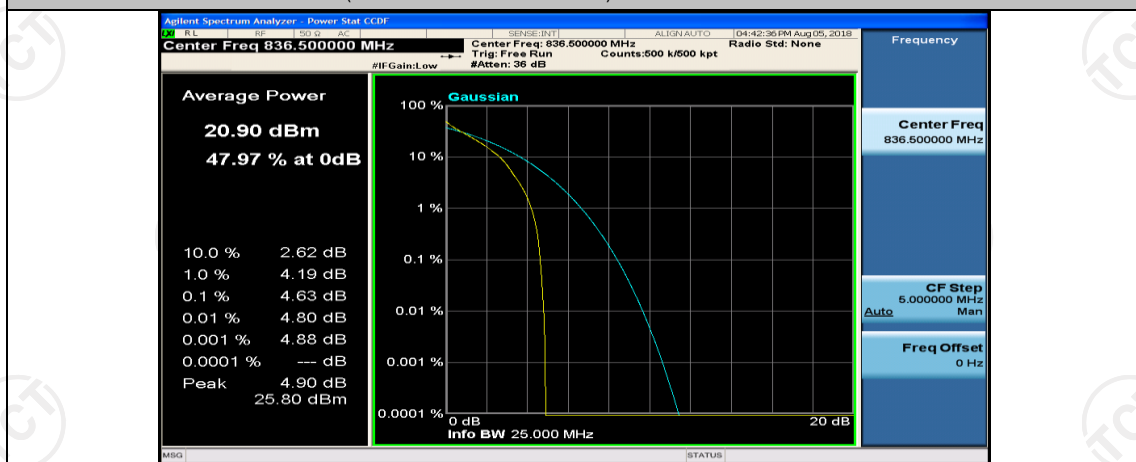


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

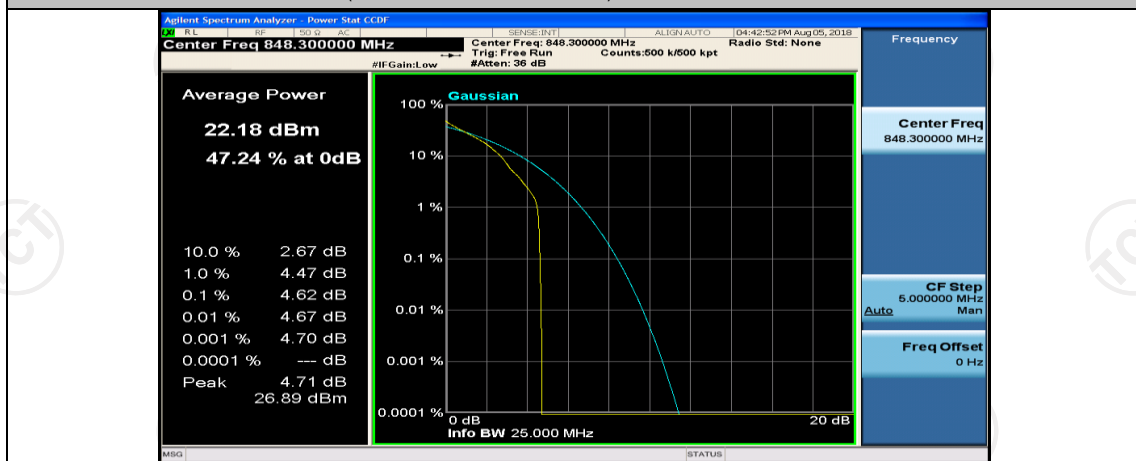




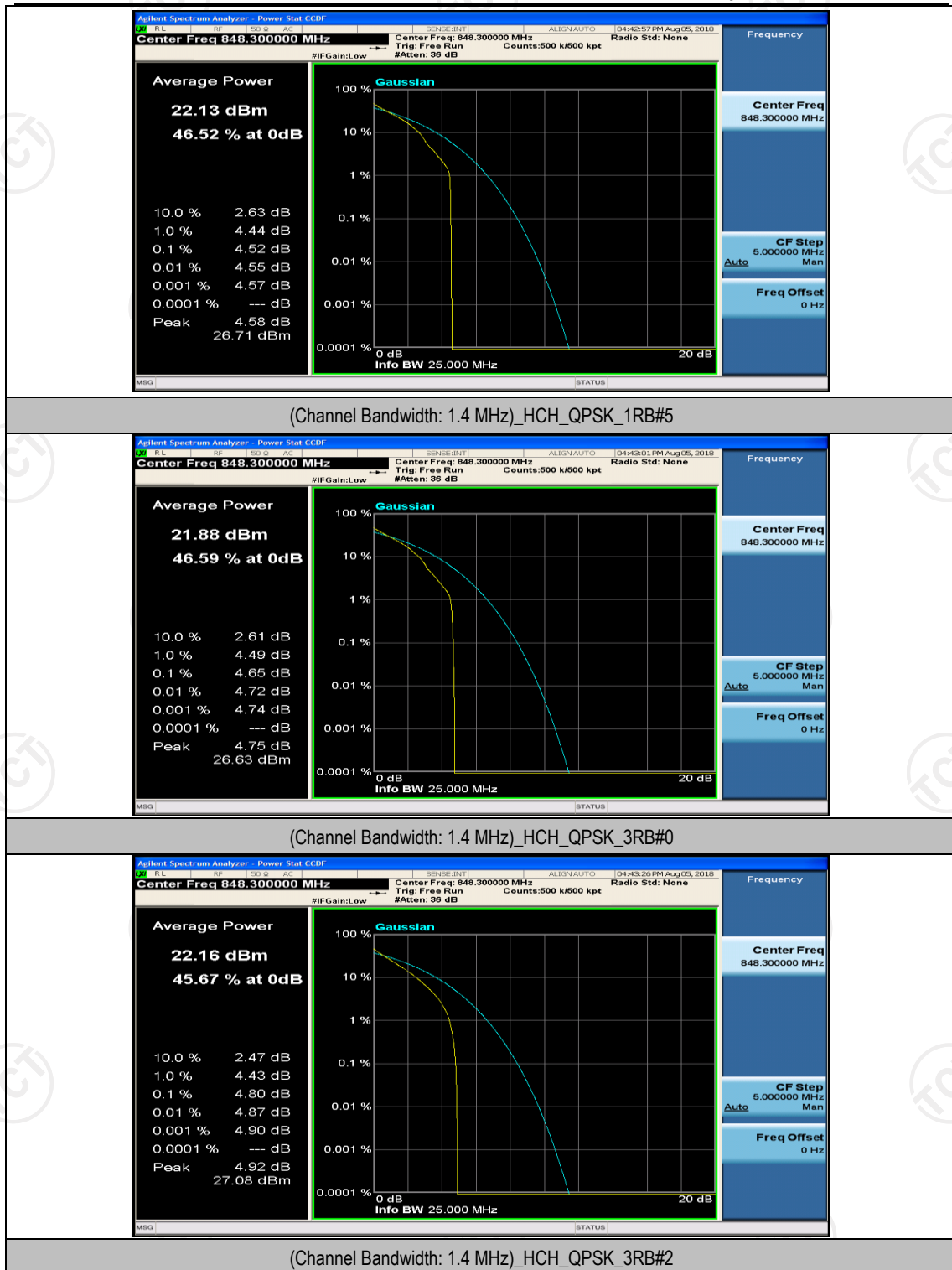
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0

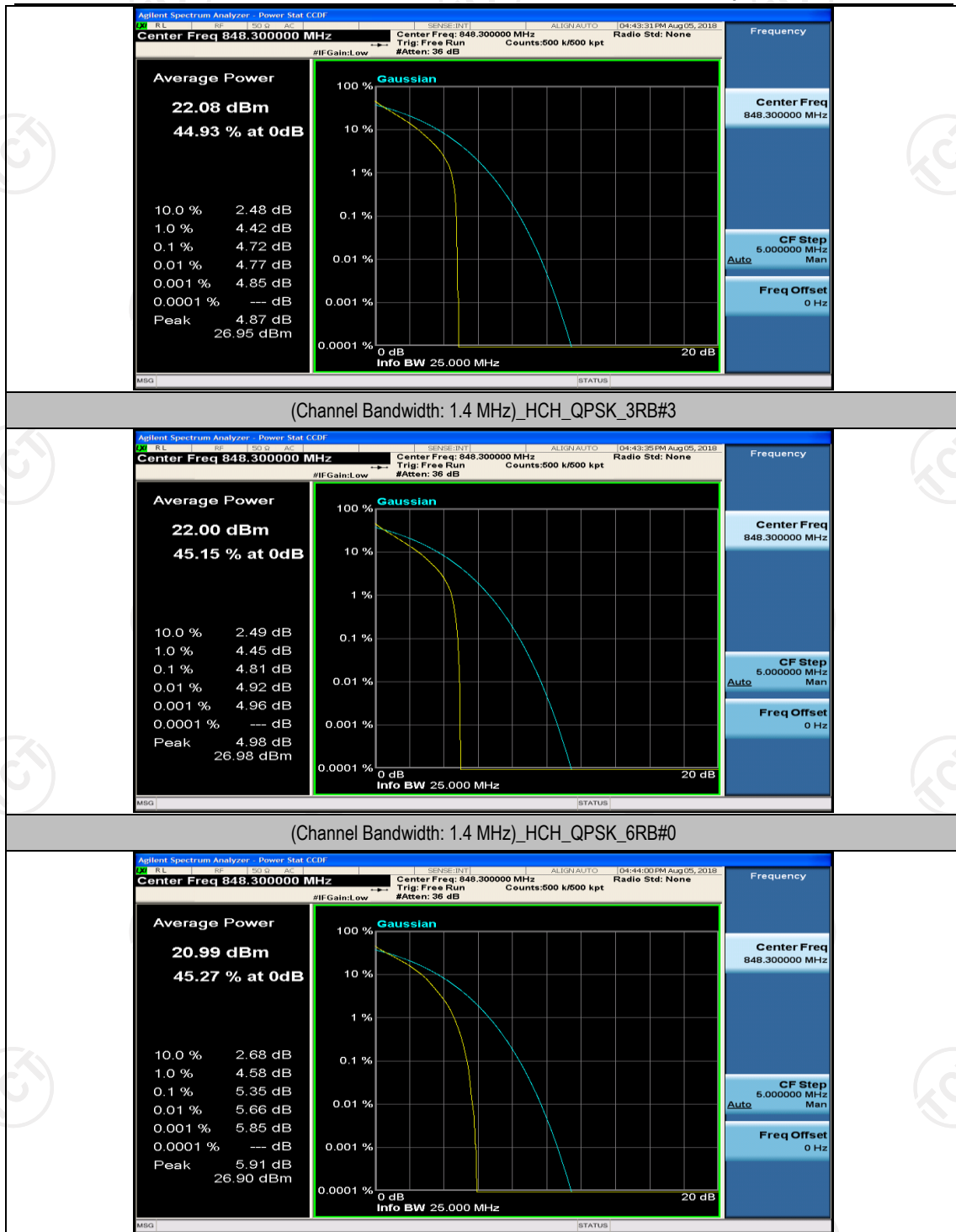


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

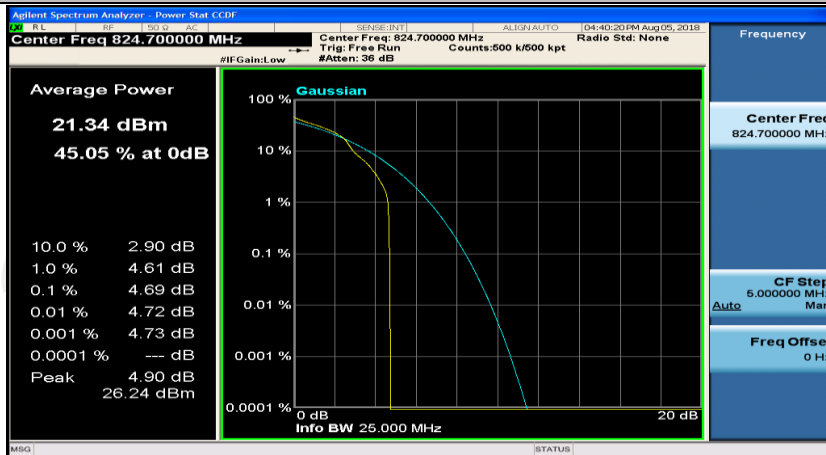


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3

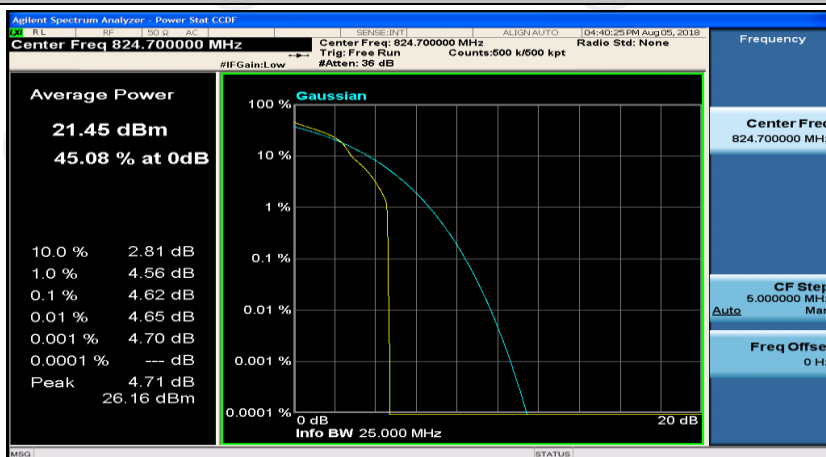




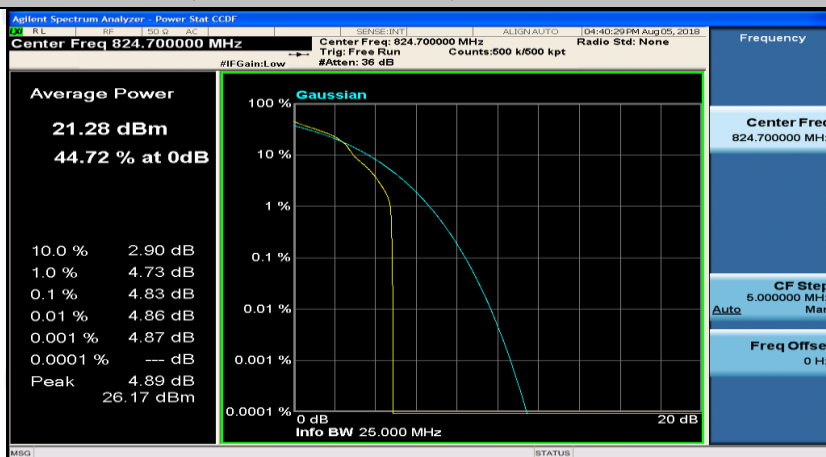
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



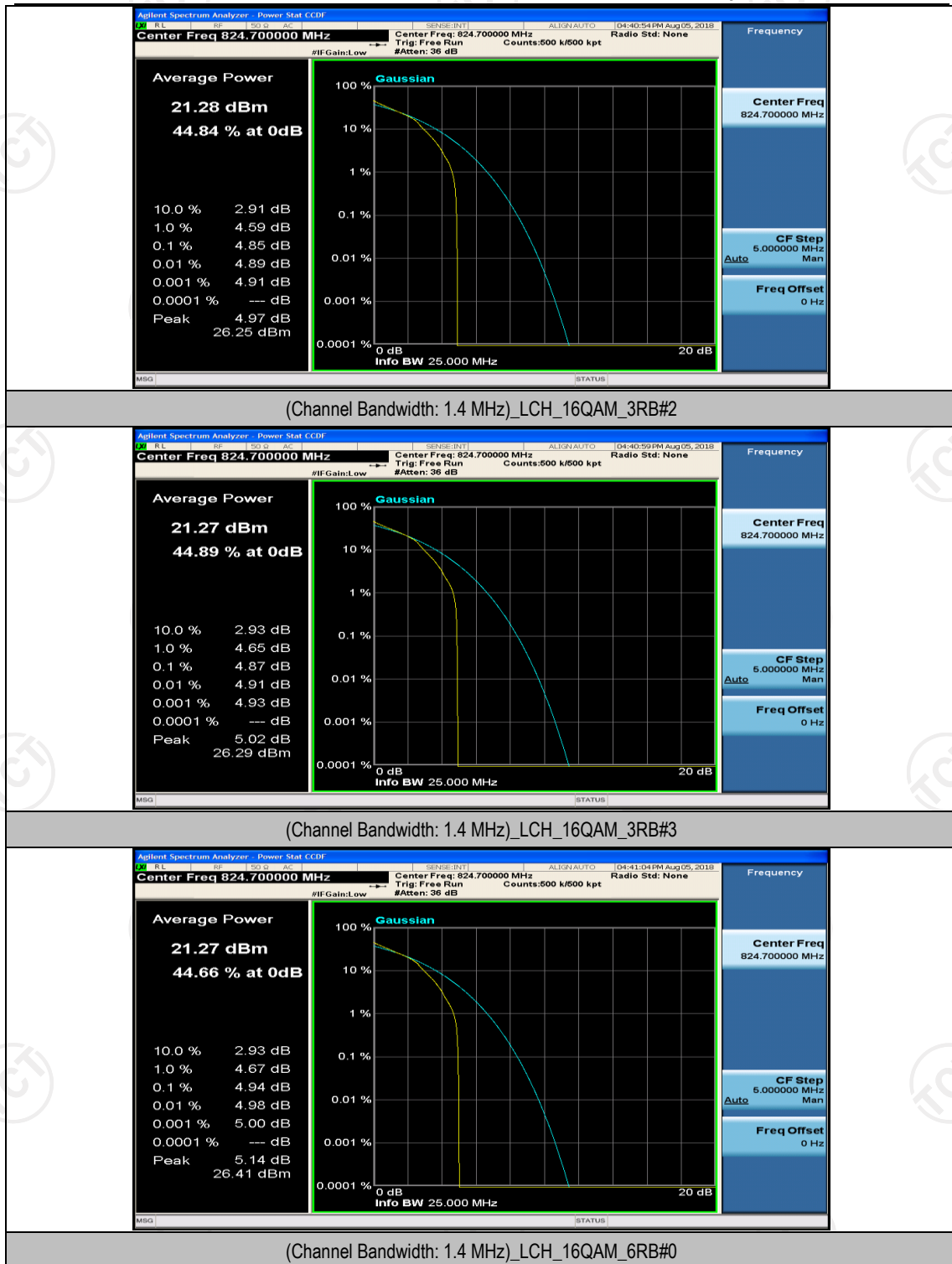
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3

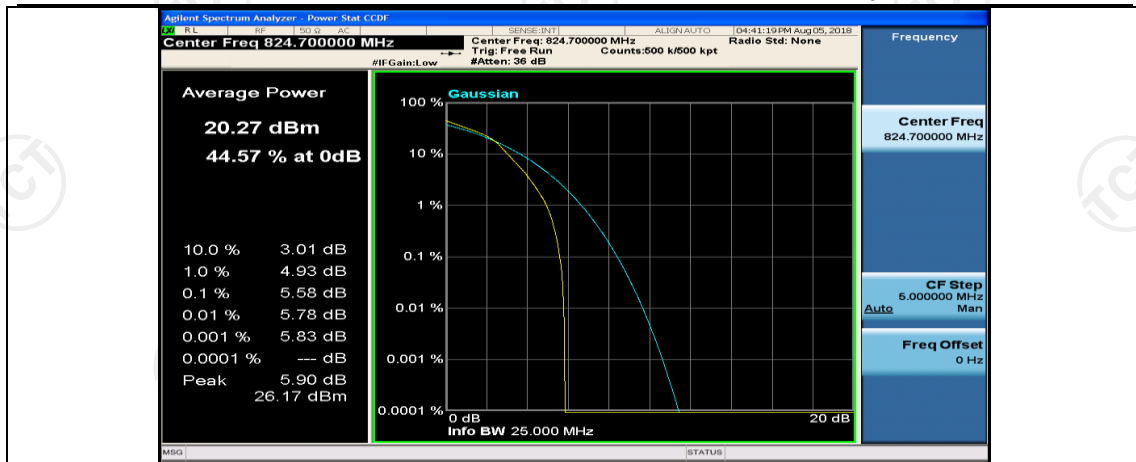


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5

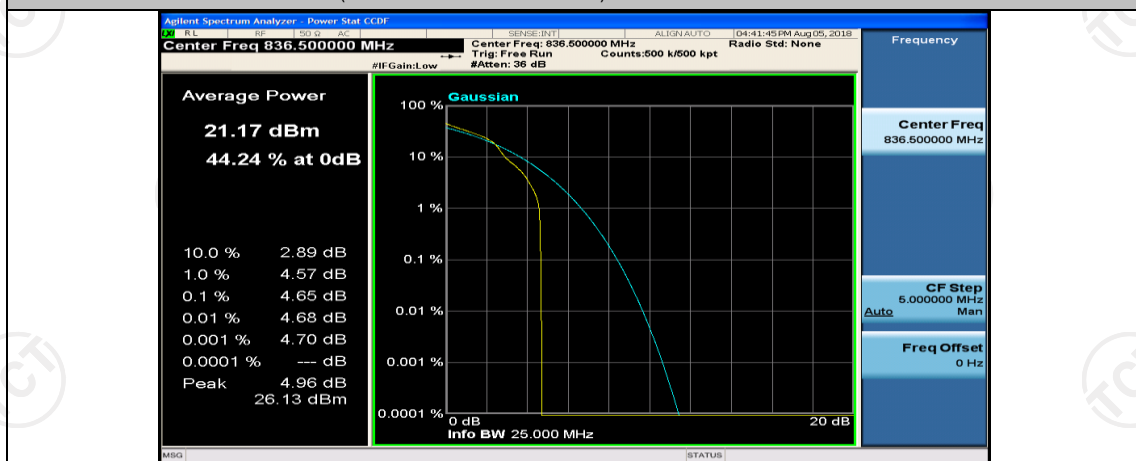


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0

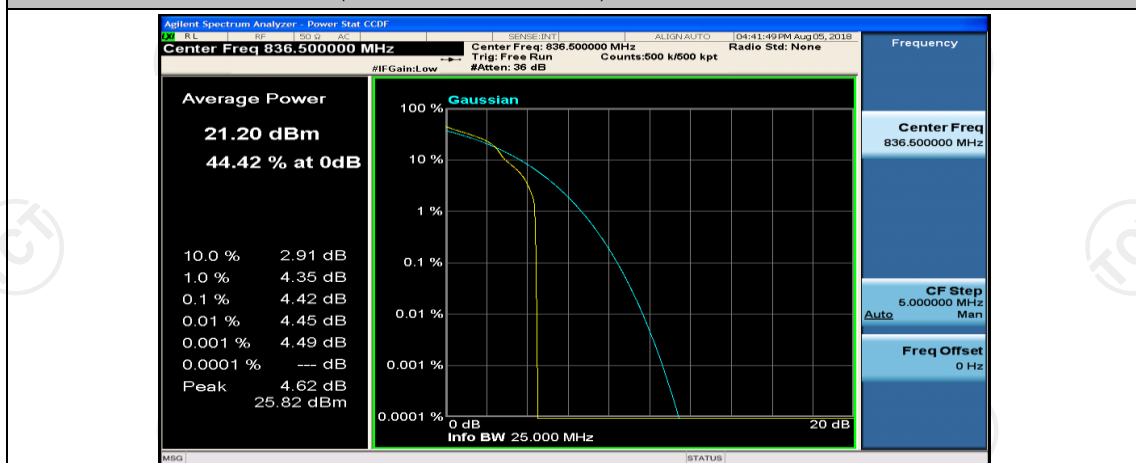




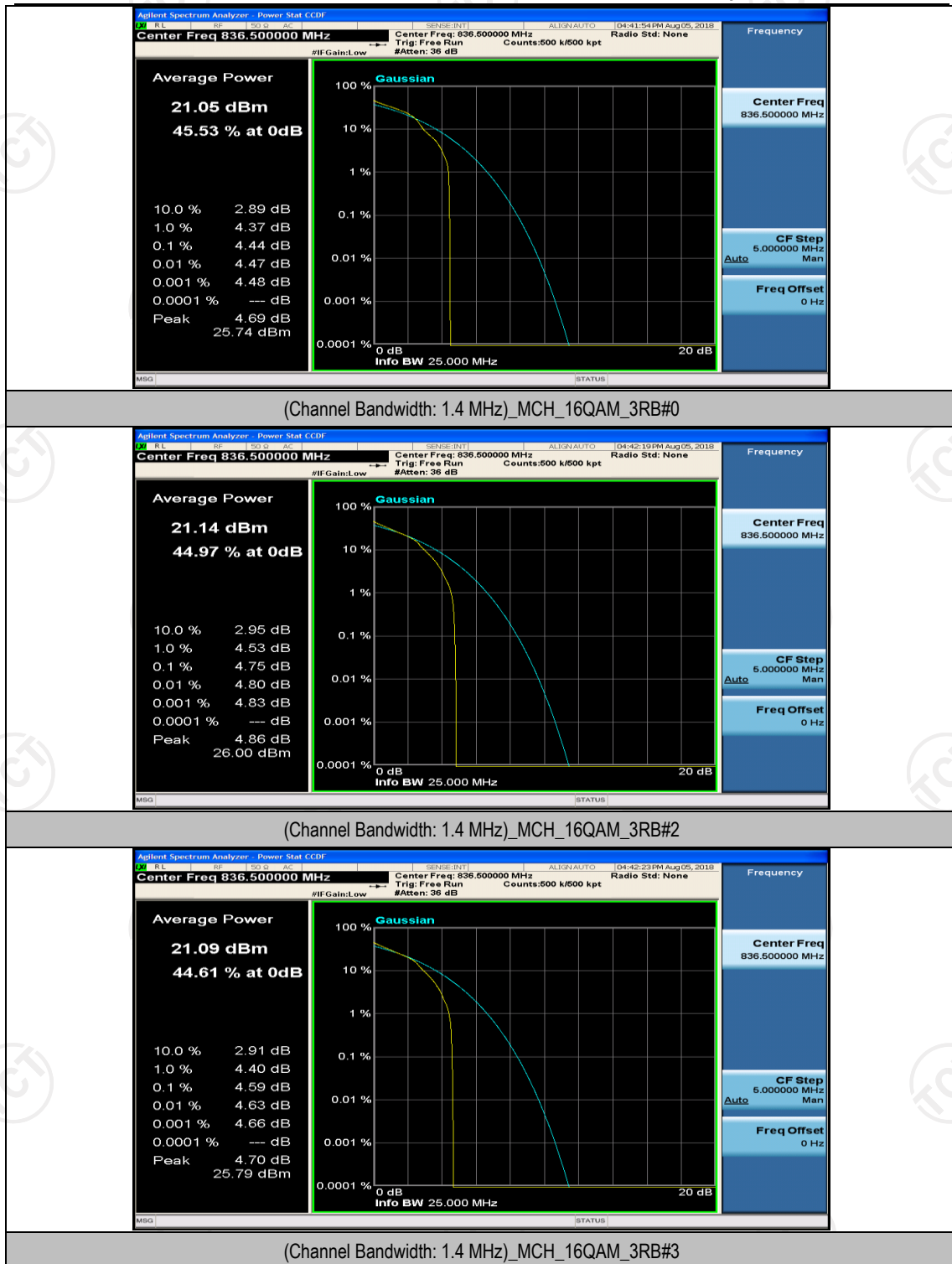
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

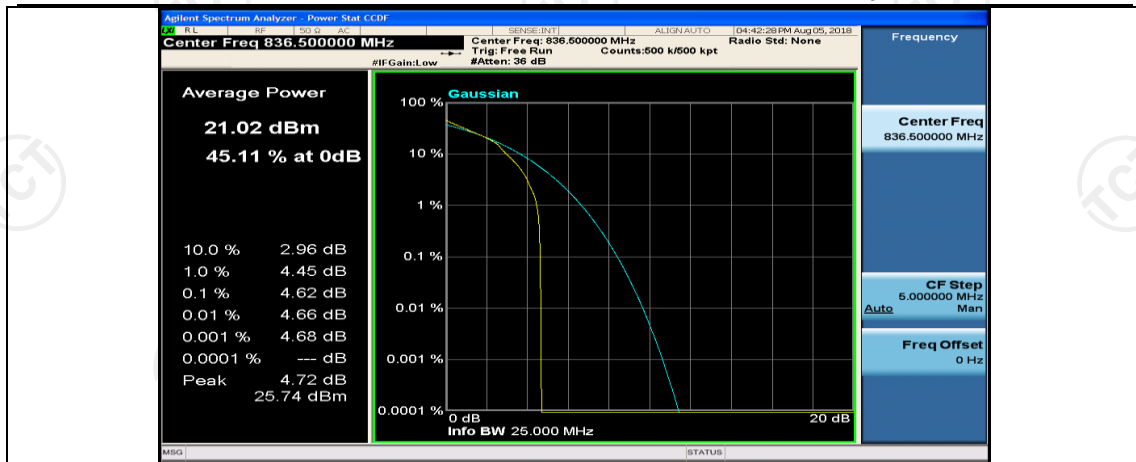


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

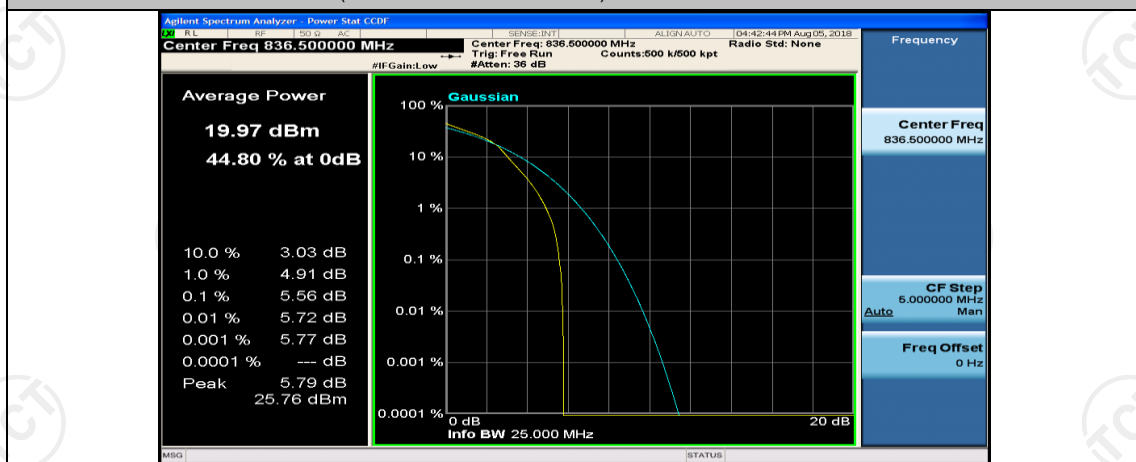


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5

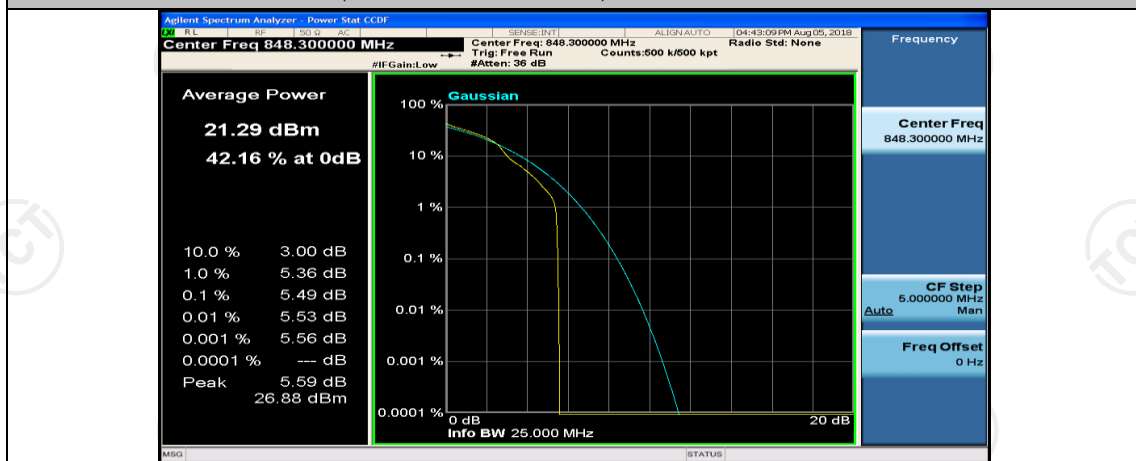




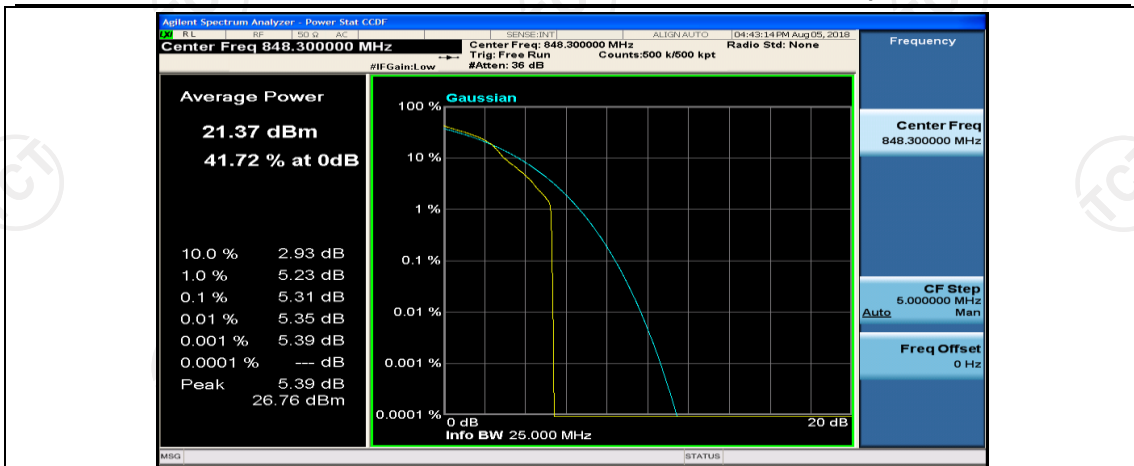
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



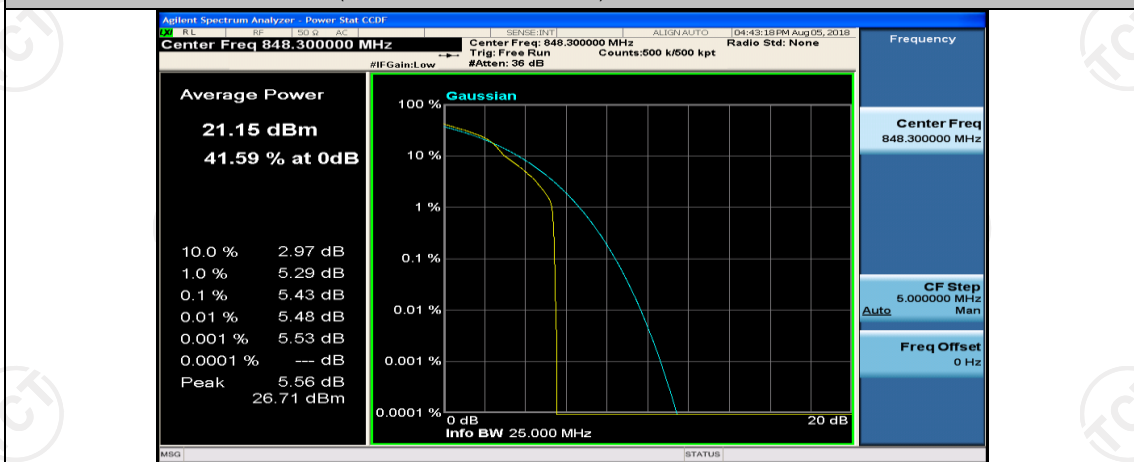
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



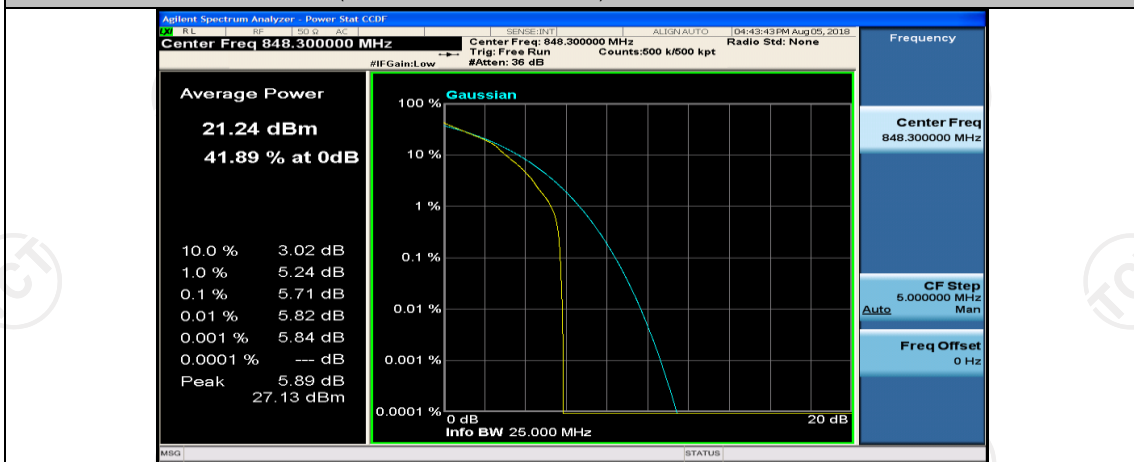
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



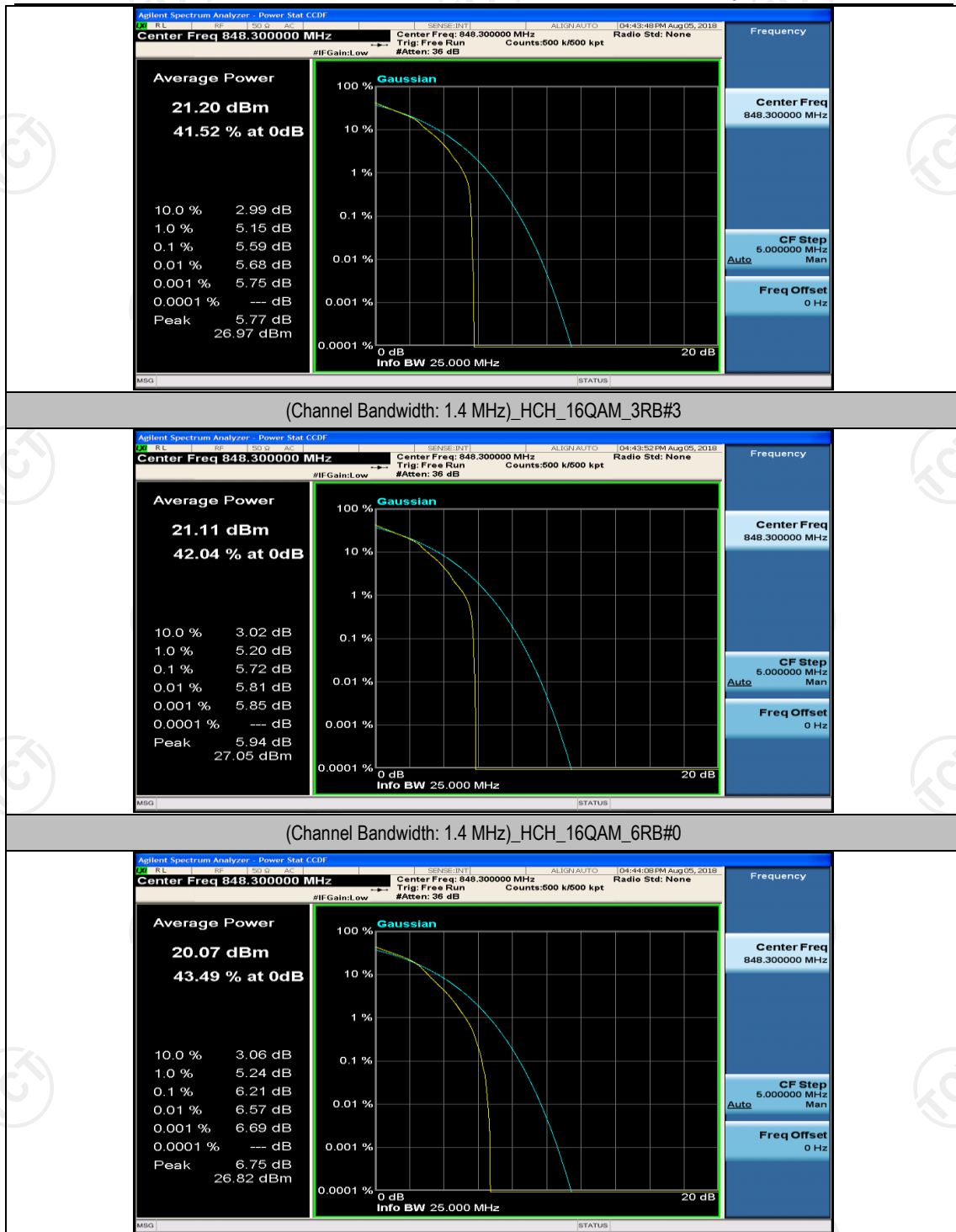
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0

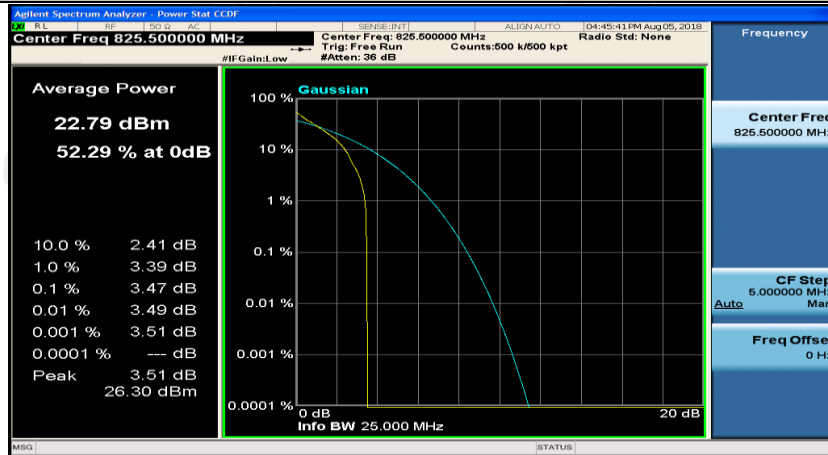


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2

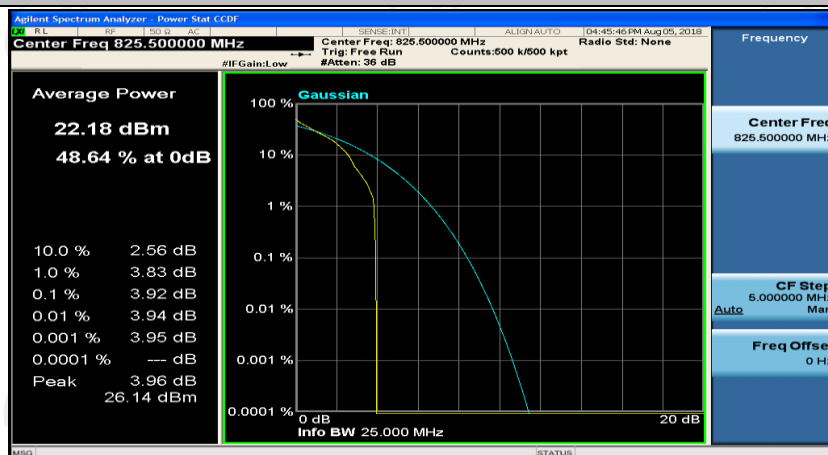


Channel Bandwidth: 3 MHz

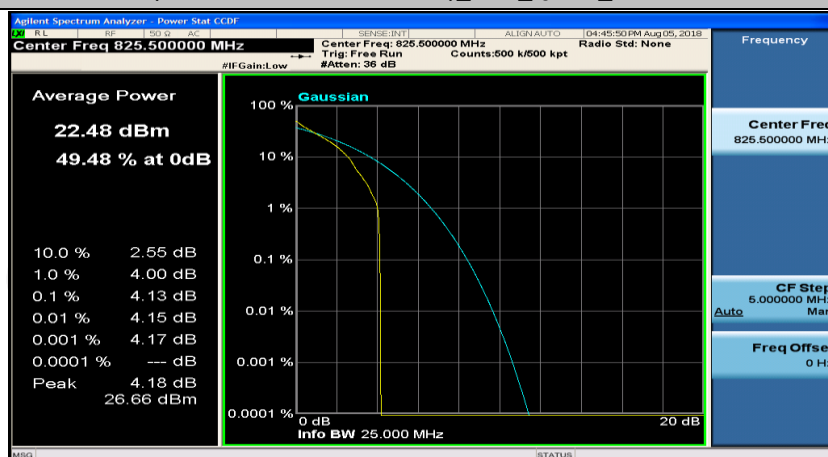
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



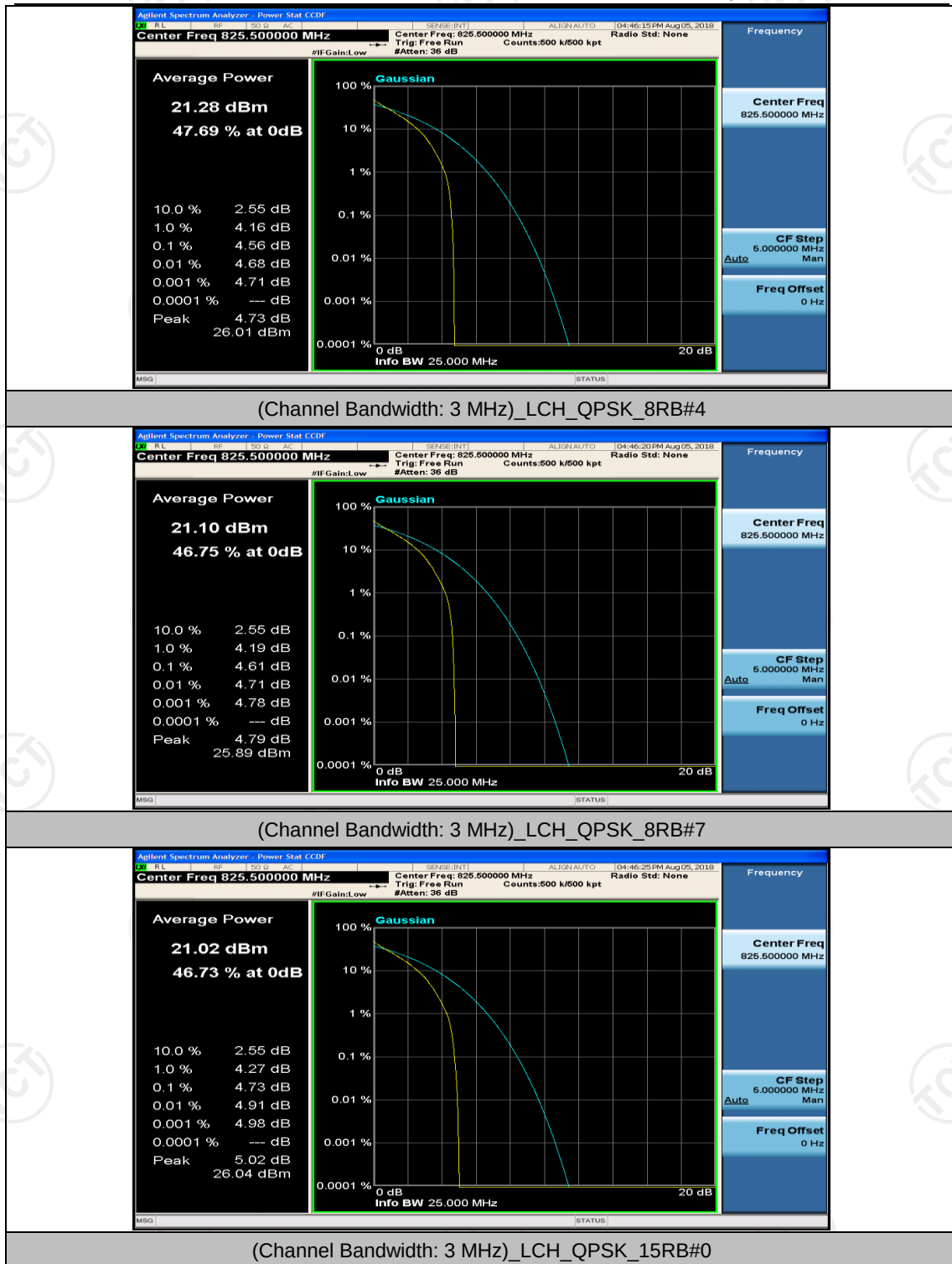
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7

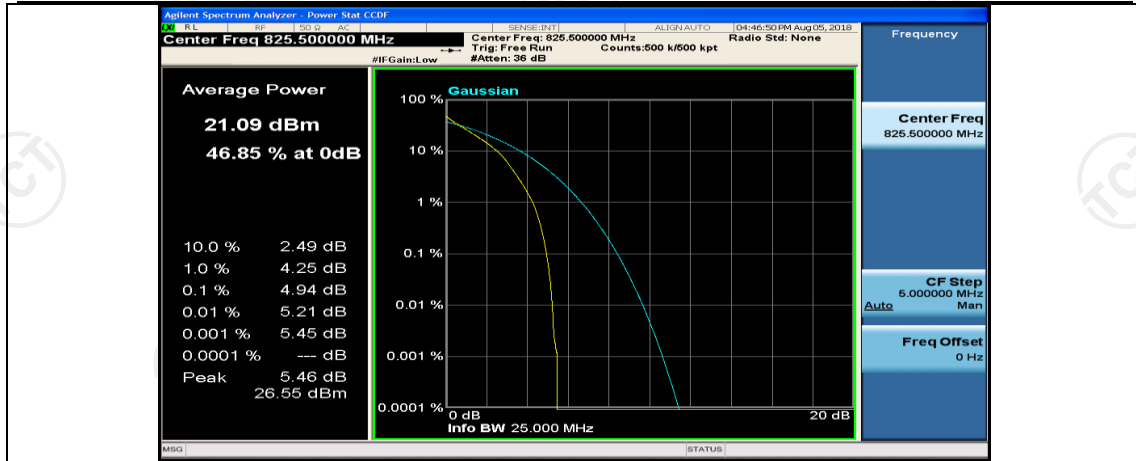


(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14

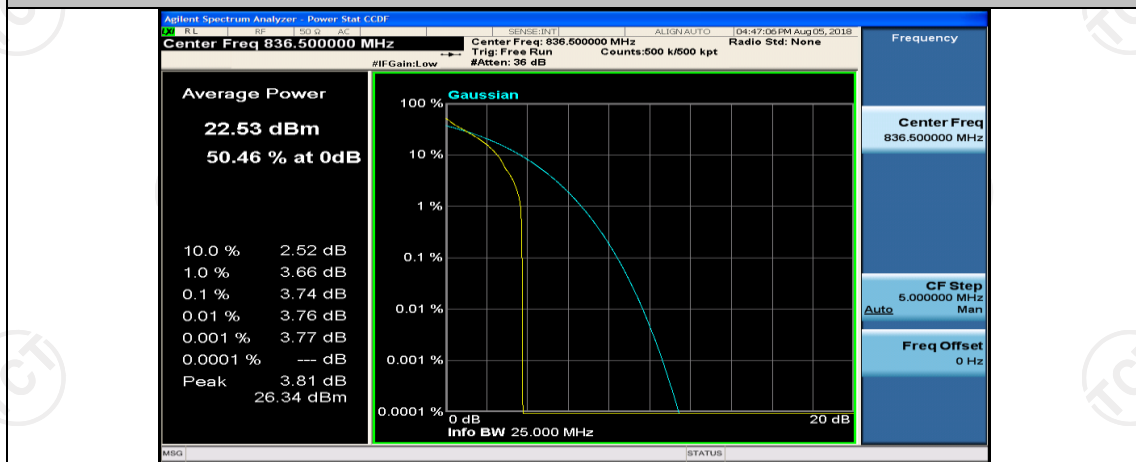


(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0

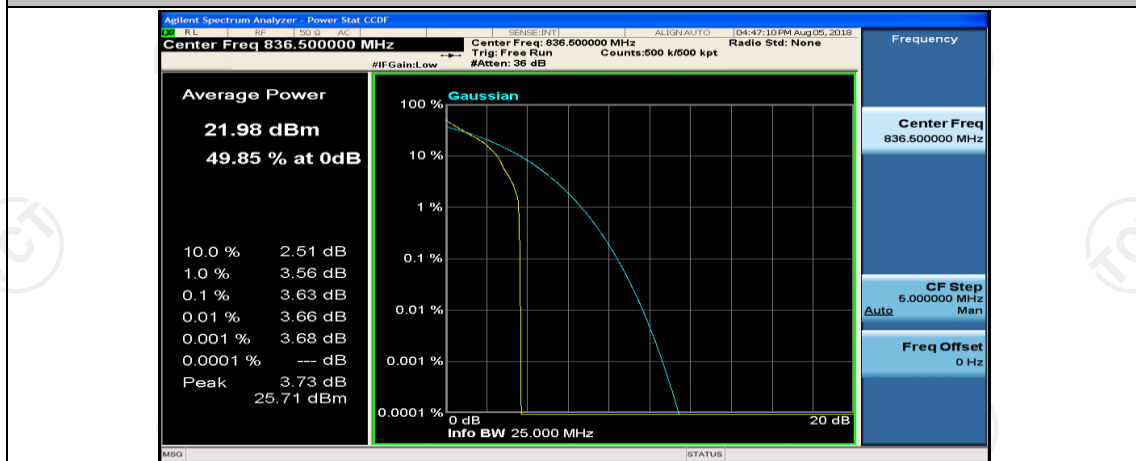




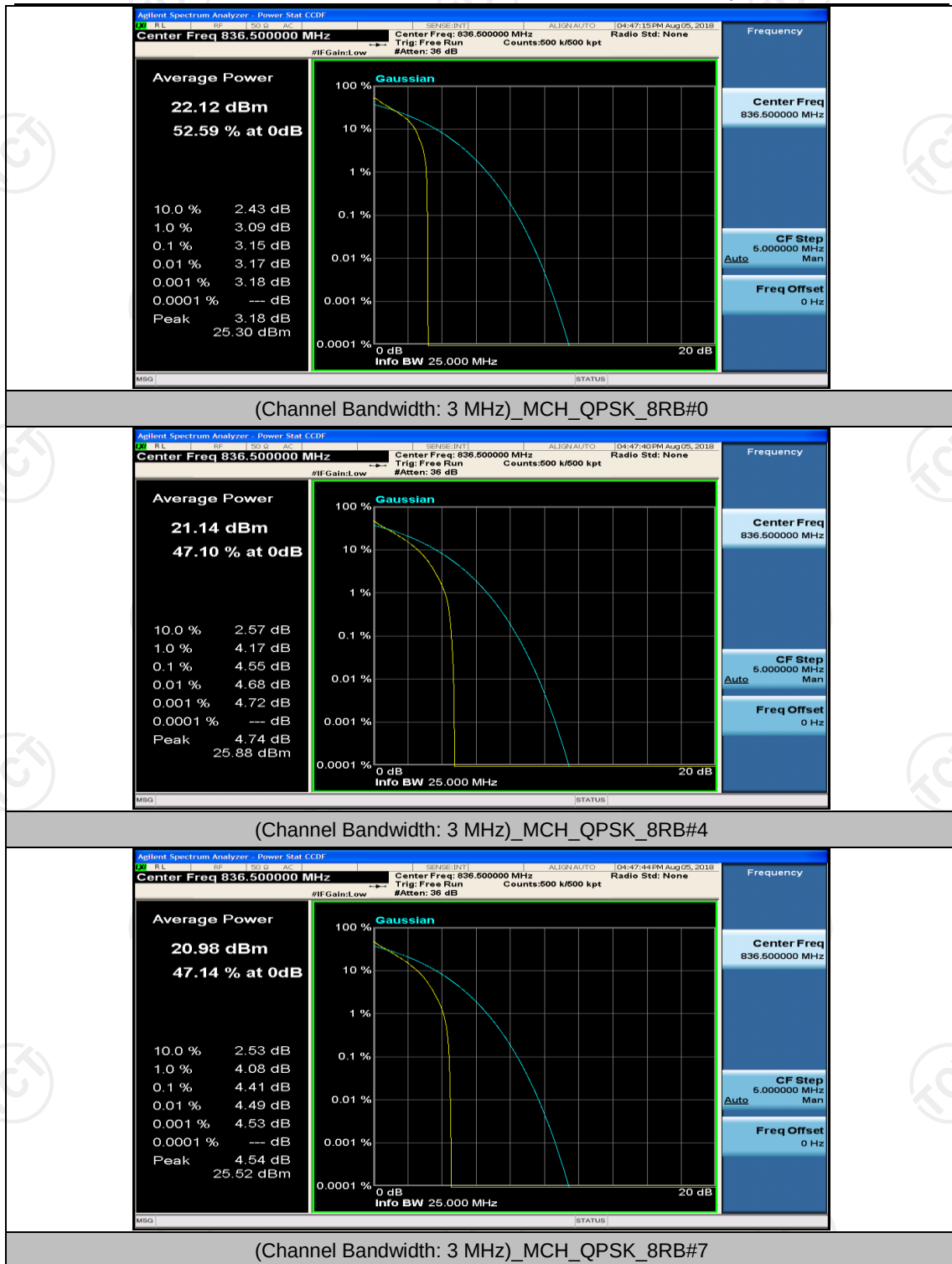
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

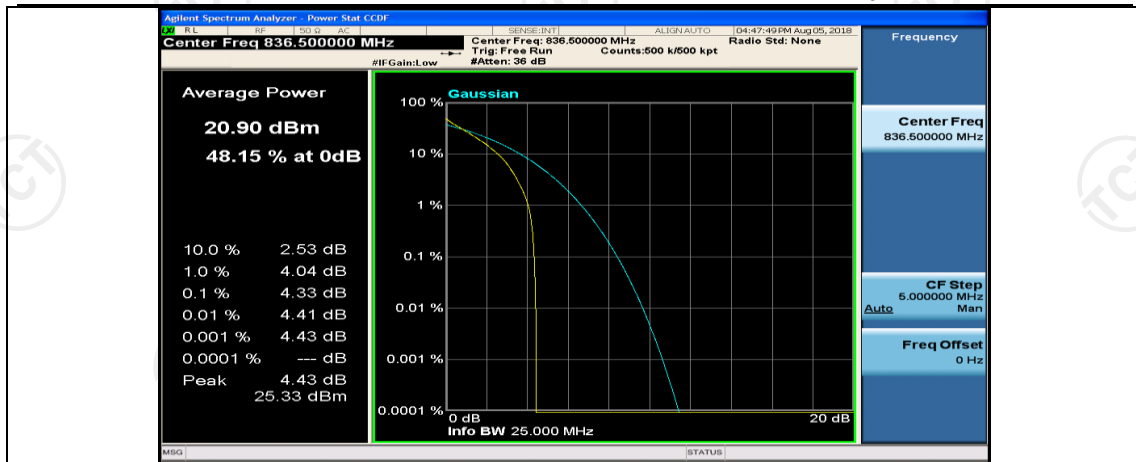


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

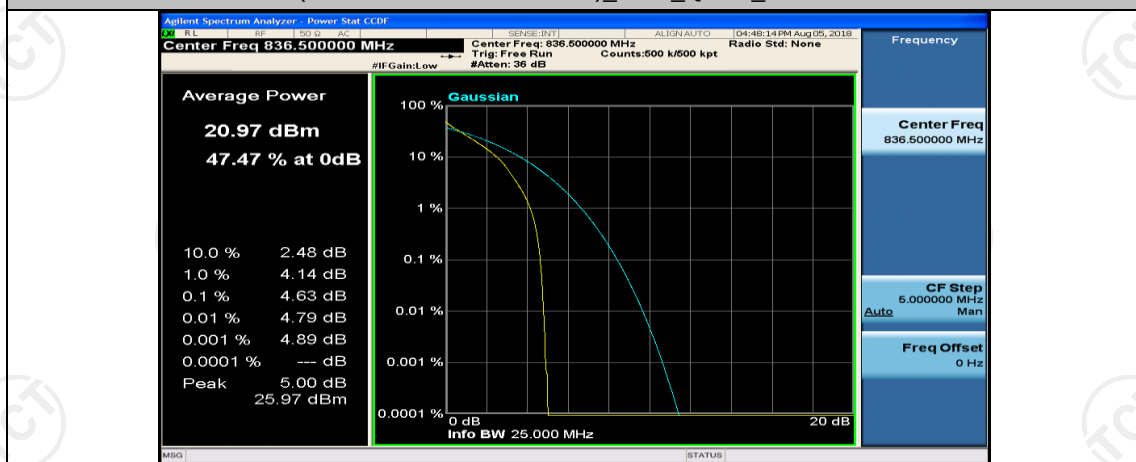


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

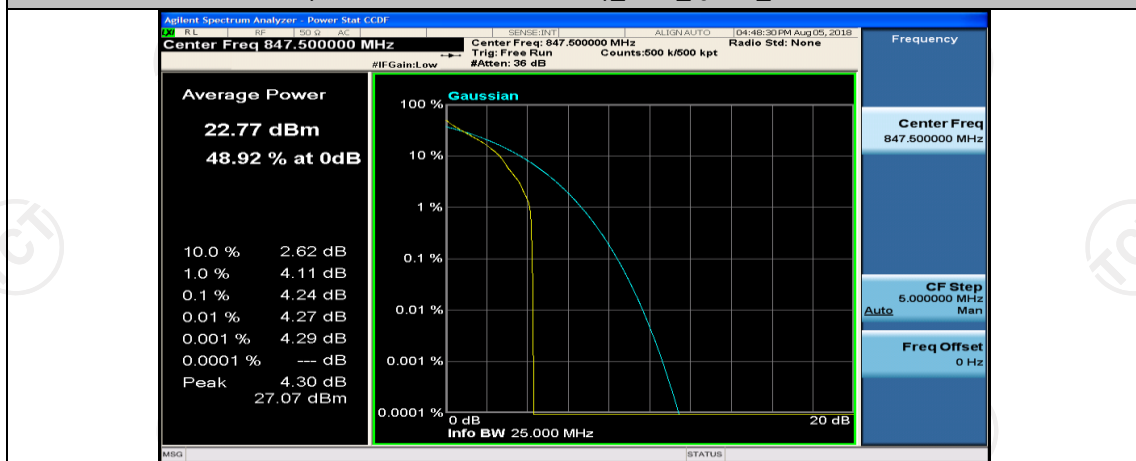




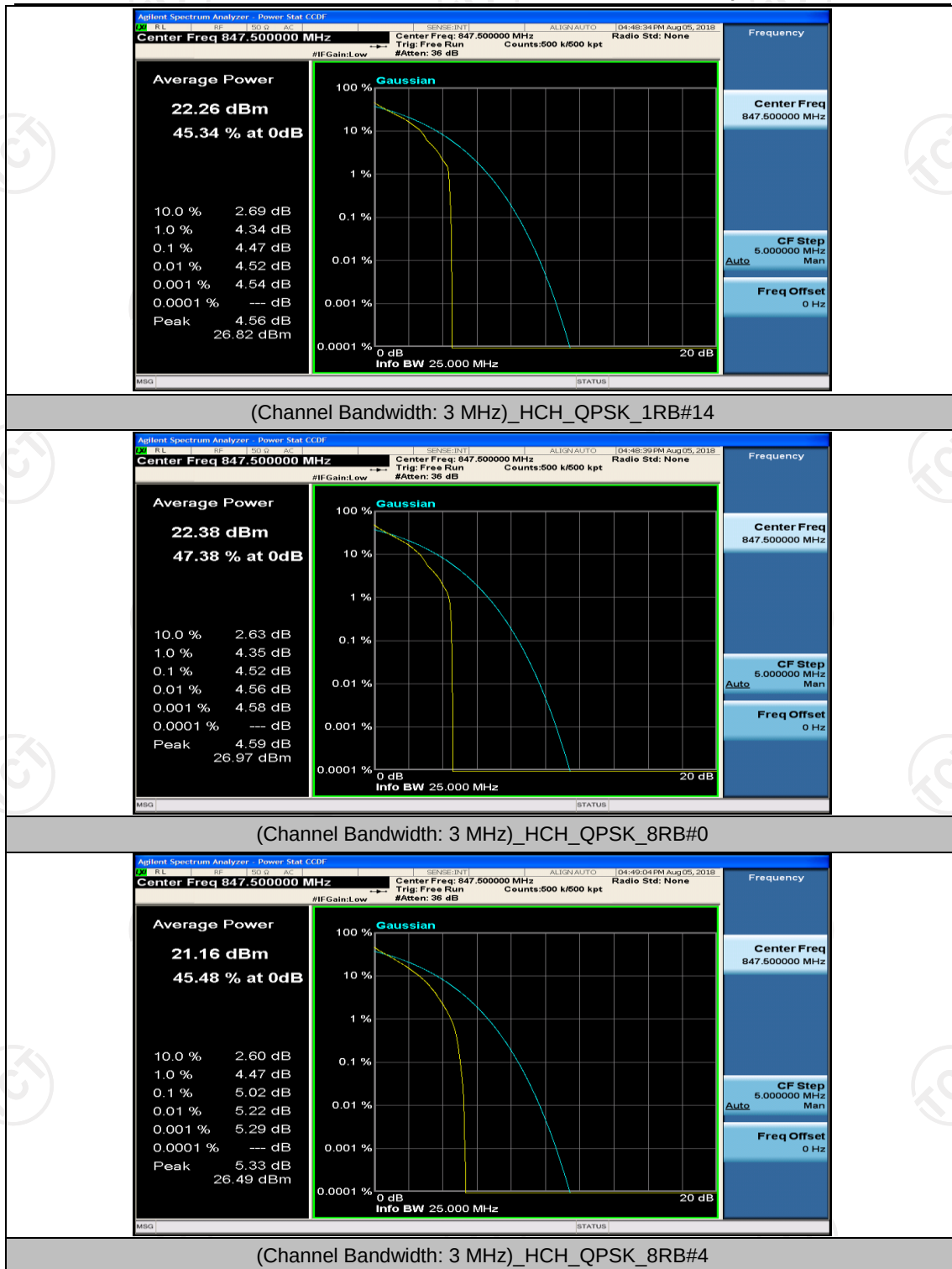
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0

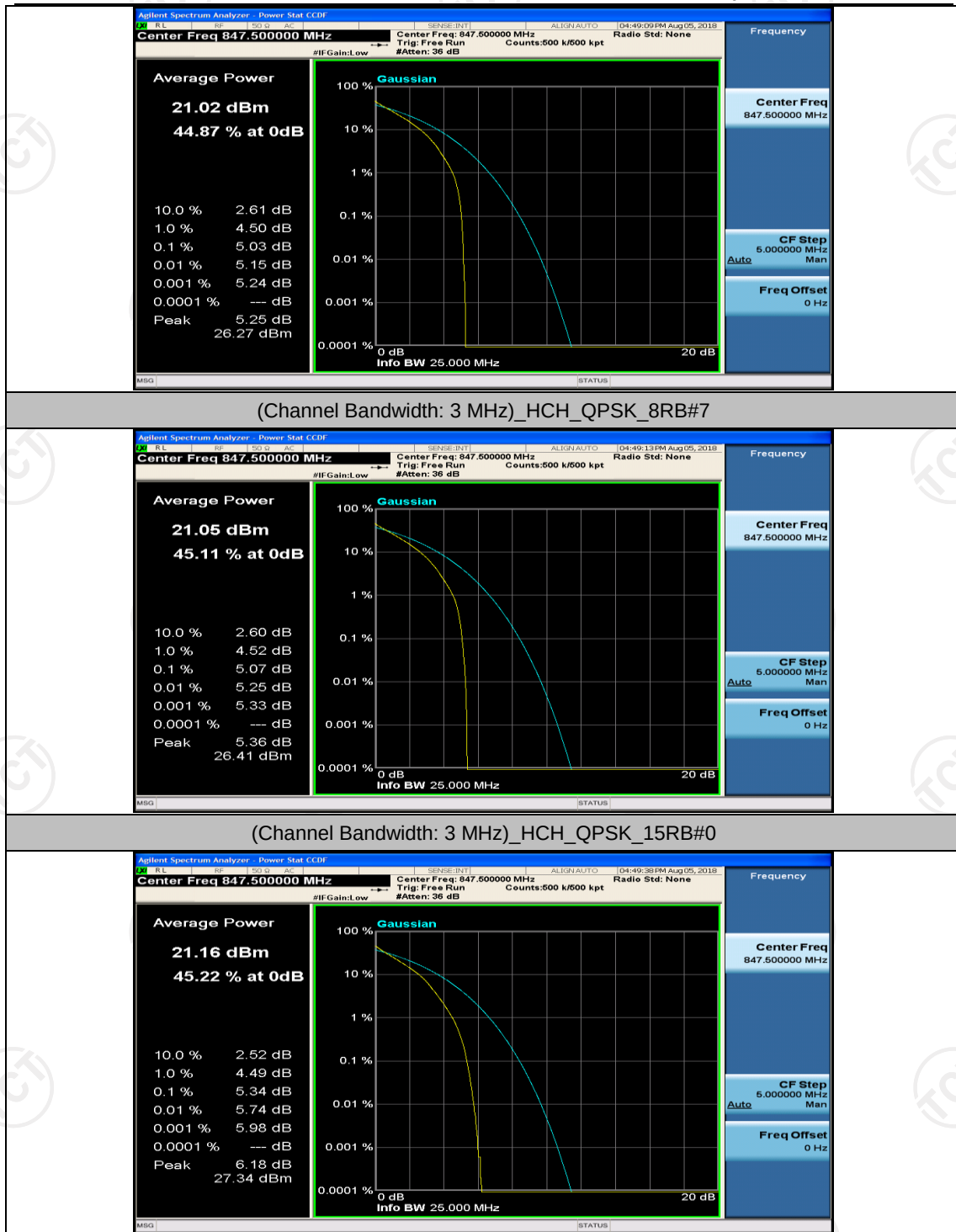


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

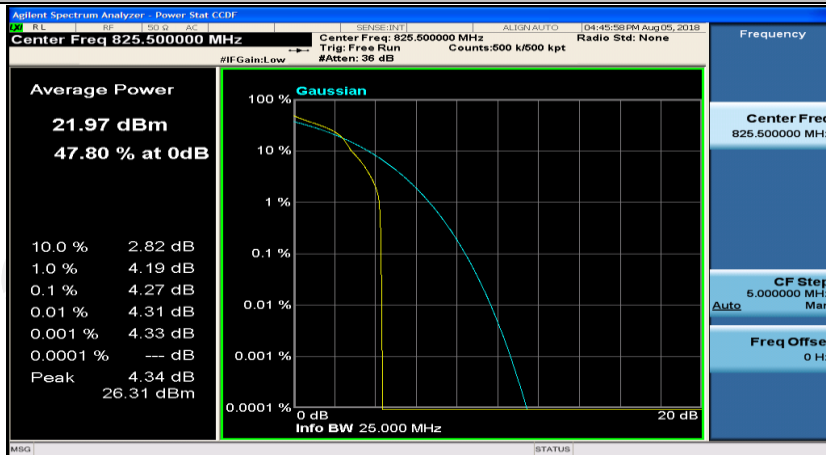


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7

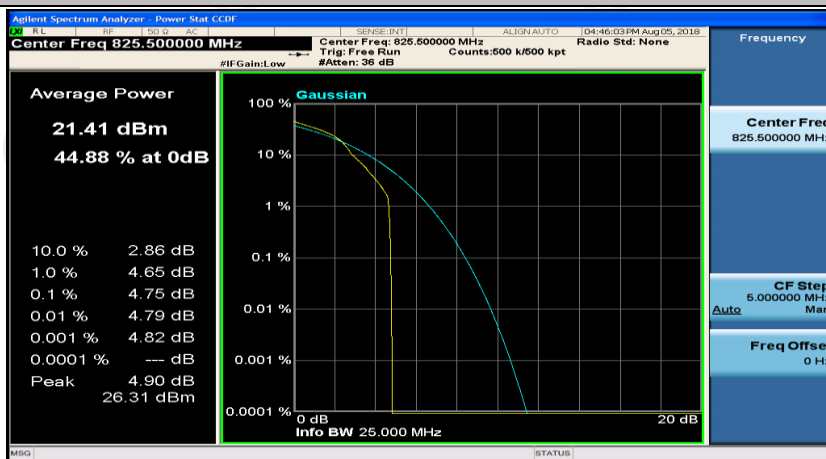




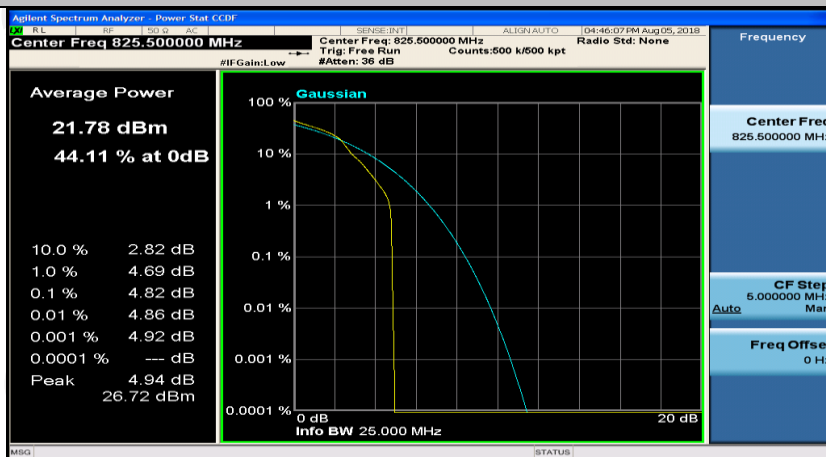
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



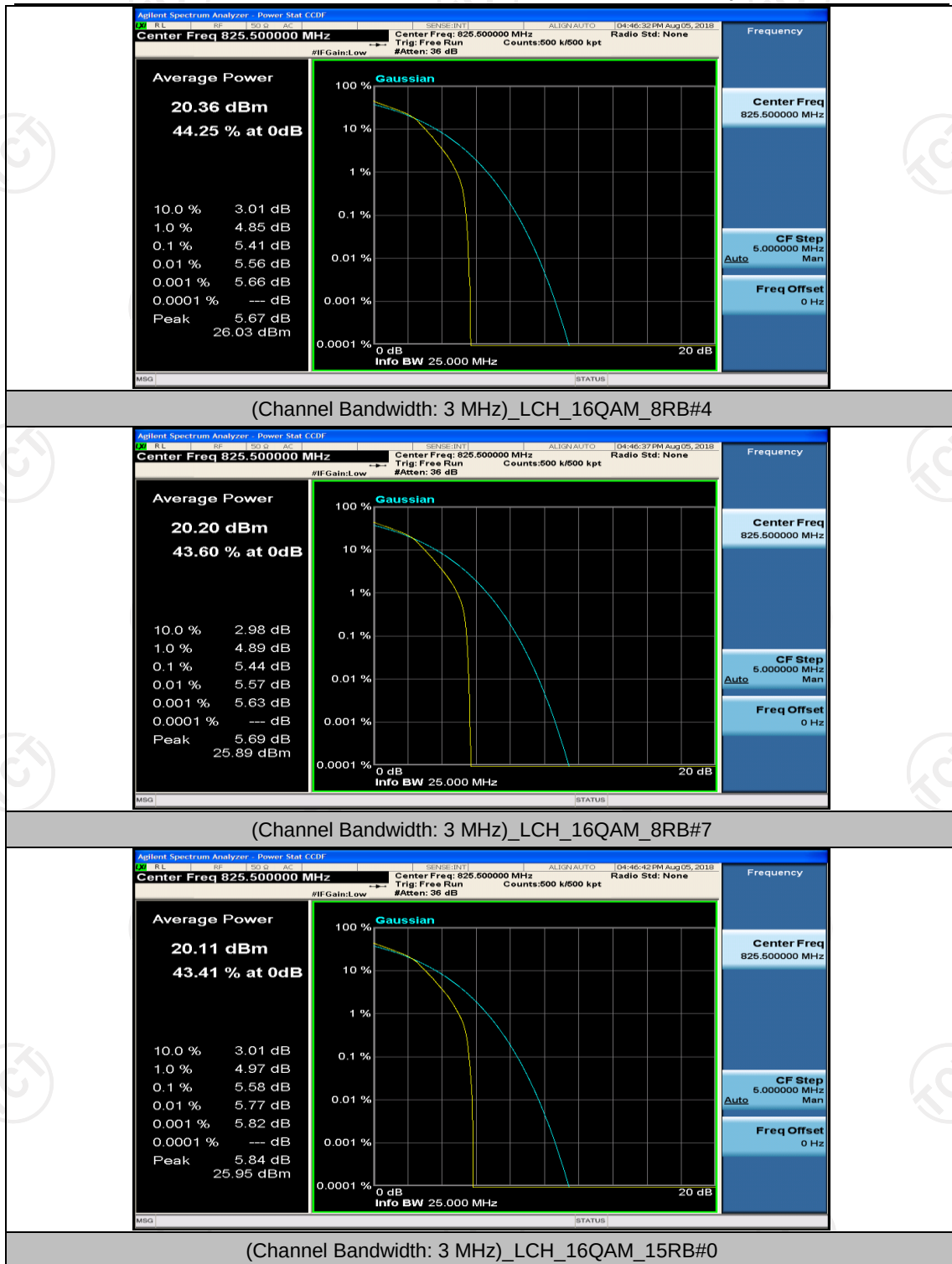
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7

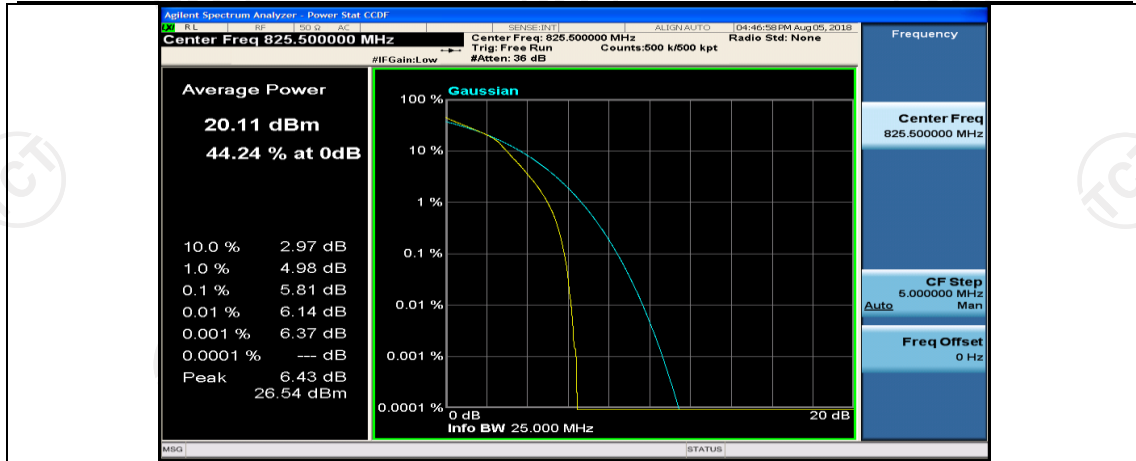


(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14

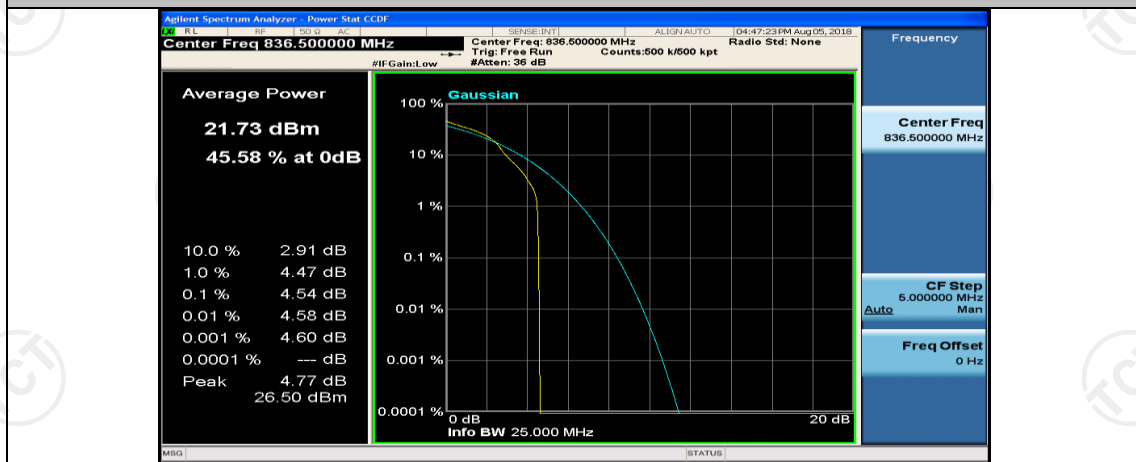


(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0

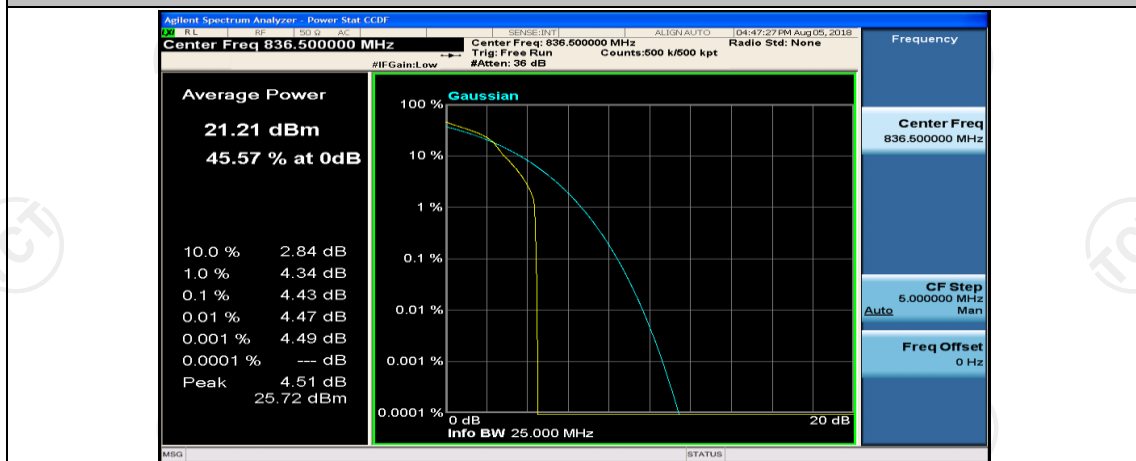




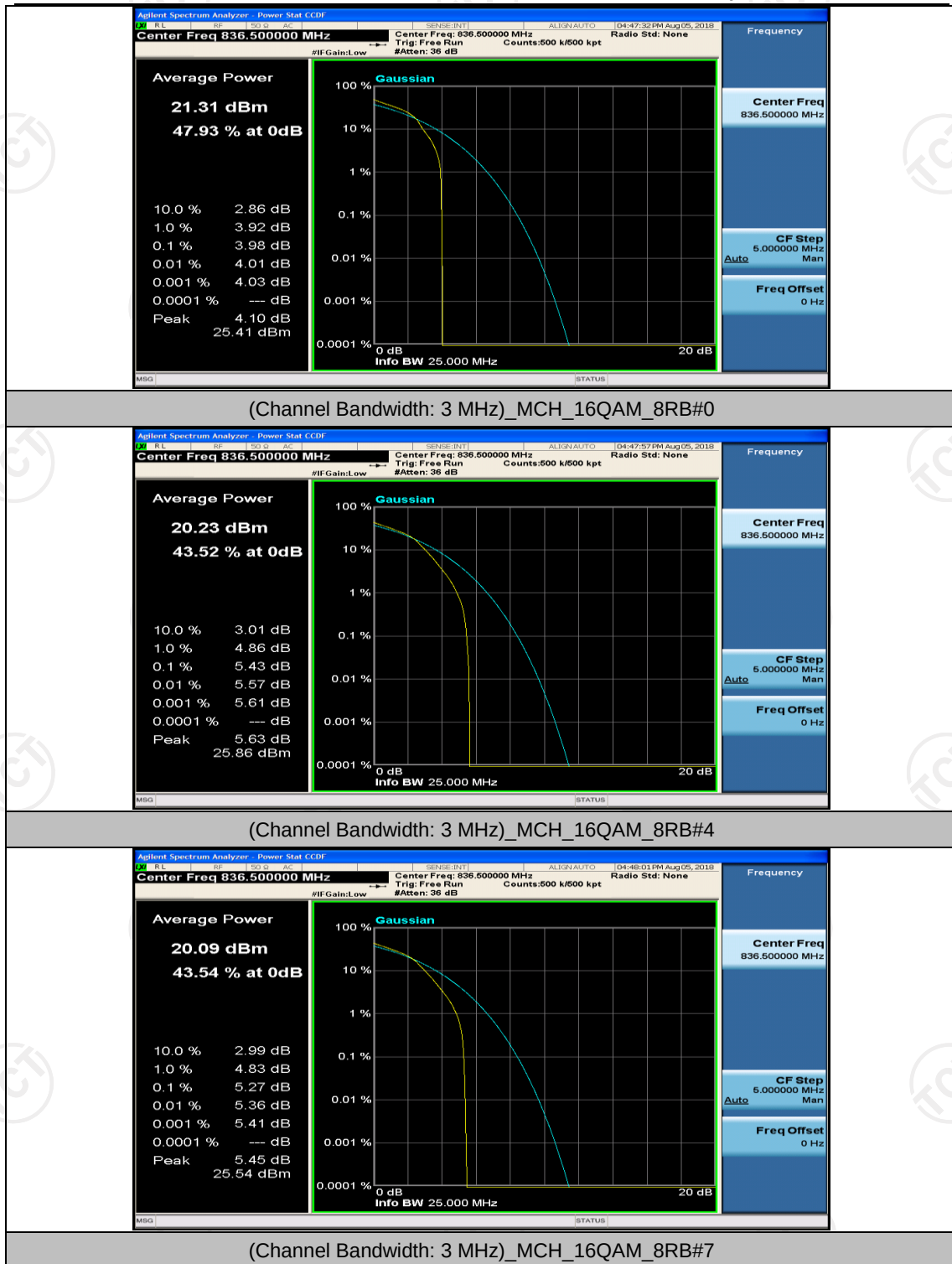
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

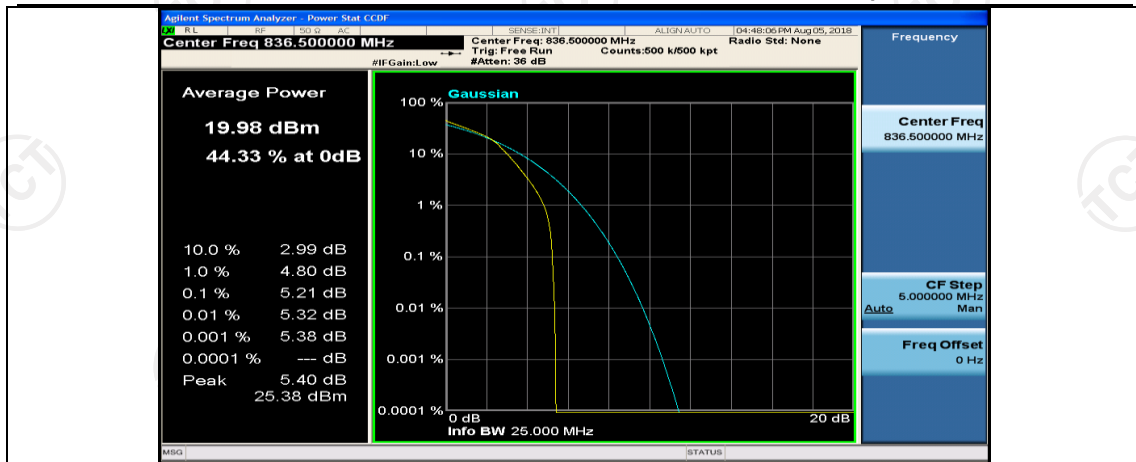


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

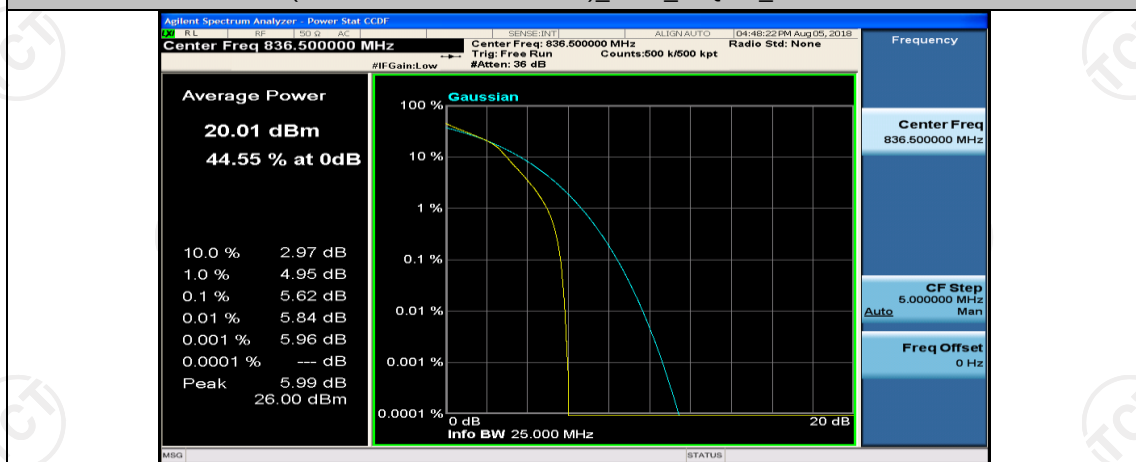


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

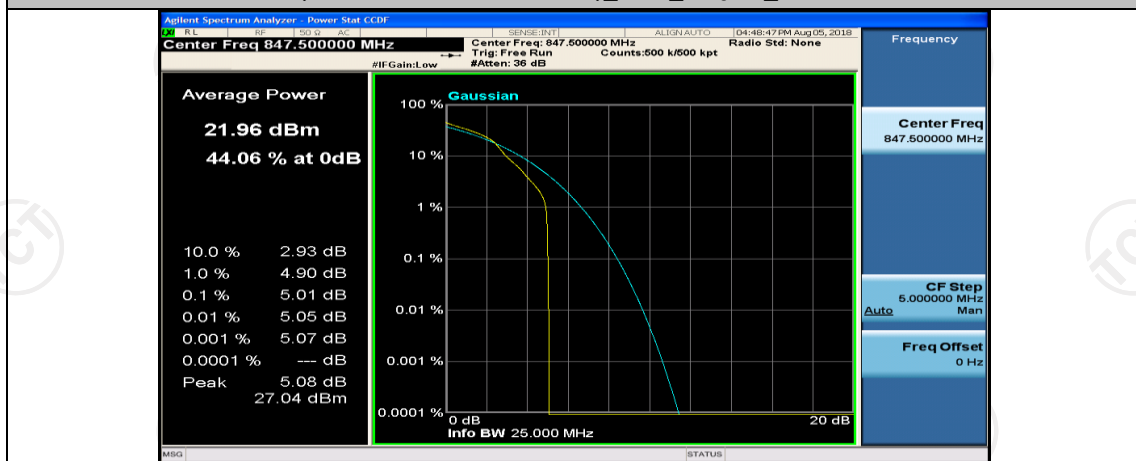




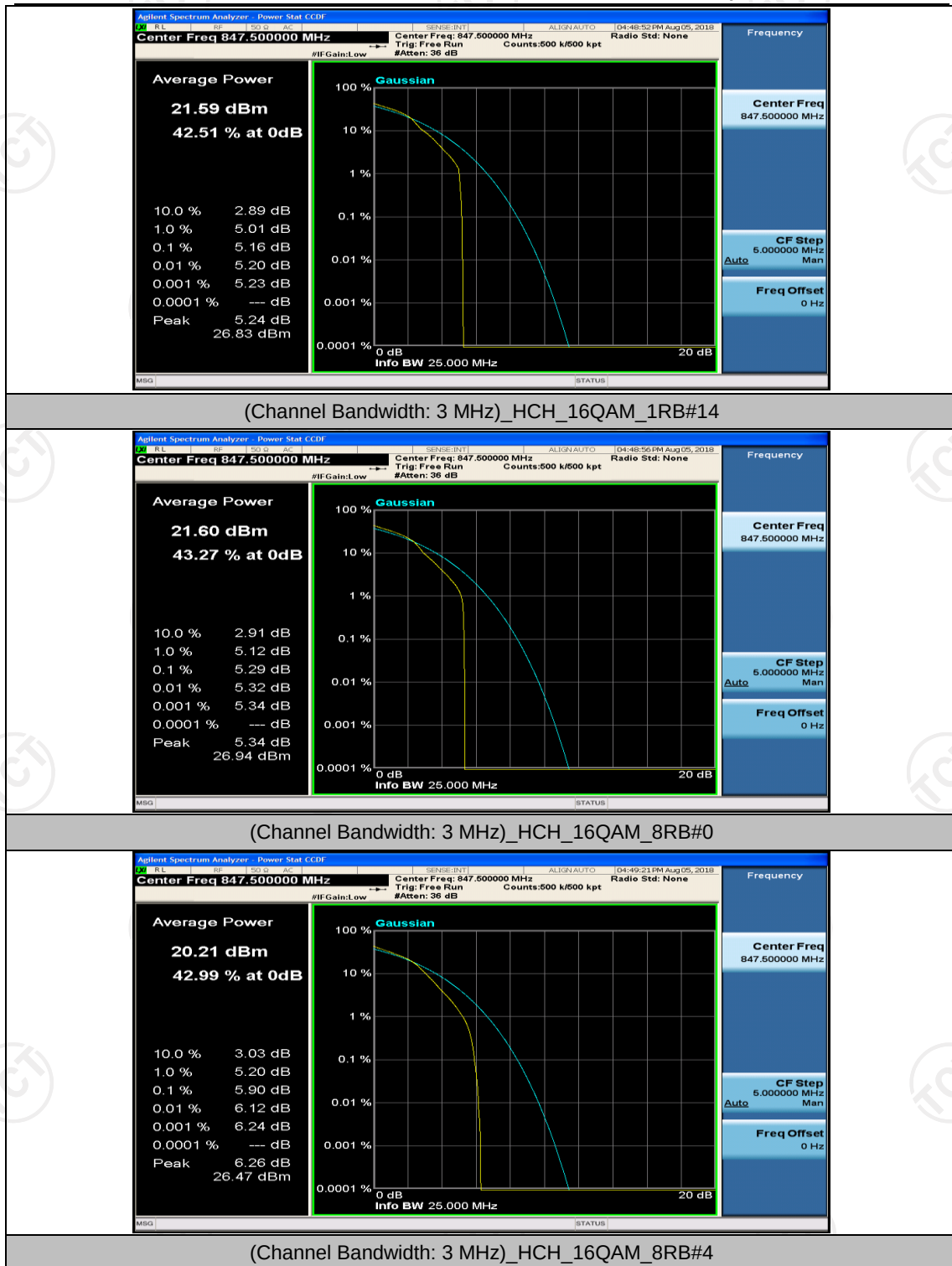
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0

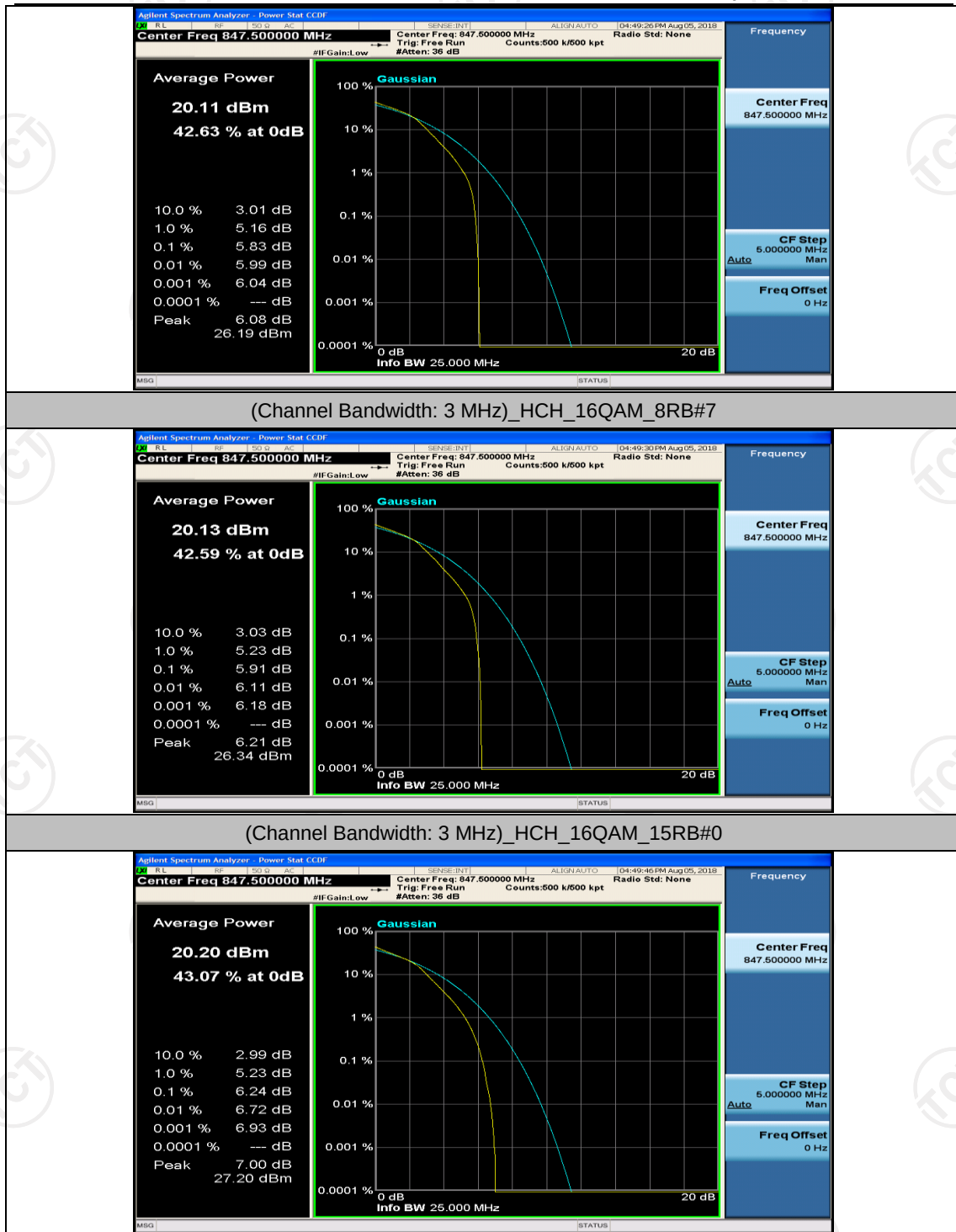


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7





Channel Bandwidth: 5 MHz

