

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	21.20	23.10	PASS
		1	3	21.61	23.51	PASS
		1	5	21.86	23.76	PASS
		3	0	21.37	23.27	PASS
		3	2	21.68	23.58	PASS
		3	3	21.80	23.70	PASS
		6	0	20.41	22.31	PASS
	MCH	1	0	21.39	23.29	PASS
		1	3	21.60	23.50	PASS
		1	5	21.48	23.38	PASS
		3	0	21.65	23.55	PASS
		3	2	21.66	23.56	PASS
		3	3	21.57	23.47	PASS
		6	0	20.48	22.38	PASS
	HCH	1	0	21.54	23.44	PASS
		1	3	21.76	23.66	PASS
		1	5	21.62	23.52	PASS
		3	0	21.81	23.71	PASS
		3	2	21.78	23.68	PASS
		3	3	21.69	23.59	PASS
		6	0	20.64	22.54	PASS
16QAM	LCH	1	0	20.44	22.34	PASS
		1	3	20.93	22.83	PASS
		1	5	21.13	23.03	PASS
		3	0	20.64	22.54	PASS
		3	2	20.93	22.83	PASS
		3	3	21.02	22.92	PASS
		6	0	20.48	22.38	PASS
	MCH	1	0	20.69	22.59	PASS
		1	3	21.00	22.90	PASS
		1	5	20.86	22.76	PASS
		3	0	21.02	22.92	PASS
		3	2	21.01	22.91	PASS

		3	3	20.91	22.81	PASS
		6	0	20.68	22.58	PASS
	HCH	1	0	20.83	22.73	PASS
		1	3	21.10	23.00	PASS
		1	5	21.25	23.15	PASS
		3	0	21.18	23.08	PASS
		3	2	21.13	23.03	PASS
		3	3	21.03	22.93	PASS
		6	0	20.82	22.72	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	21.25	23.15	PASS
		1	7	22.12	24.02	PASS
		1	14	22.77	24.67	PASS
		8	0	20.62	22.52	PASS
		8	4	21.10	23.00	PASS
		8	7	21.41	23.31	PASS
		15	0	21.06	22.96	PASS
	MCH	1	0	21.51	23.41	PASS
		1	7	21.56	23.46	PASS
		1	14	21.42	23.32	PASS
		8	0	20.48	22.38	PASS
		8	4	20.50	22.40	PASS
		8	7	20.40	22.30	PASS
		15	0	20.58	22.48	PASS
	HCH	1	0	21.46	23.36	PASS
		1	7	21.61	23.51	PASS
		1	14	21.92	23.82	PASS
		8	0	20.34	22.24	PASS
		8	4	20.73	22.63	PASS
		8	7	20.68	22.58	PASS
		15	0	20.46	22.36	PASS
16QAM	LCH	1	0	20.61	22.51	PASS
		1	7	21.49	23.39	PASS
		1	14	22.13	24.03	PASS
		8	0	20.18	22.08	PASS

		8	4	20.28	22.18	PASS
		8	7	20.56	22.46	PASS
		15	0	20.18	22.08	PASS
	MCH	1	0	20.91	22.81	PASS
		1	7	21.02	22.92	PASS
		1	14	20.89	22.79	PASS
		8	0	20.25	22.15	PASS
		8	4	20.30	22.20	PASS
		8	7	20.19	22.09	PASS
		15	0	20.31	22.21	PASS
	HCH	1	0	20.94	22.84	PASS
		1	7	21.24	23.14	PASS
		1	14	20.80	22.70	PASS
		8	0	20.42	22.32	PASS
		8	4	20.36	22.26	PASS
		8	7	20.27	22.17	PASS
		15	0	20.33	22.23	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	21.55	23.45	PASS
		1	12	22.61	24.51	PASS
		1	24	22.49	24.39	PASS
		12	0	21.06	22.96	PASS
		12	6	21.53	23.43	PASS
		12	13	21.68	23.58	PASS
		25	0	21.41	23.31	PASS
	MCH	1	0	21.70	23.60	PASS
		1	12	21.61	23.51	PASS
		1	24	21.72	23.62	PASS
		12	0	20.73	22.63	PASS
		12	6	20.63	22.53	PASS
		12	13	20.53	22.43	PASS
		25	0	20.73	22.63	PASS
	HCH	1	0	22.72	24.62	PASS
		1	12	23.21	25.11	PASS
		1	24	23.10	25.00	PASS
		12	0	22.38	24.28	PASS

16QAM		12	6	22.70	24.60	PASS
		12	13	22.48	24.38	PASS
		25	0	22.49	24.39	PASS
	LCH	1	0	20.99	22.89	PASS
		1	12	22.04	23.94	PASS
		1	24	21.94	23.84	PASS
		12	0	20.32	22.22	PASS
		12	6	20.79	22.69	PASS
		12	13	20.94	22.84	PASS
		25	0	20.56	22.46	PASS
	MCH	1	0	21.14	23.04	PASS
		1	12	21.12	23.02	PASS
		1	24	21.22	23.12	PASS
		12	0	20.04	21.94	PASS
		12	6	20.05	21.95	PASS
		12	13	20.08	21.98	PASS
		25	0	20.03	21.93	PASS
	HCH	1	0	22.20	24.10	PASS
		1	12	22.87	24.77	PASS
		1	24	22.62	24.52	PASS
		12	0	21.69	23.59	PASS
		12	6	22.00	23.90	PASS
		12	13	21.81	23.71	PASS
		25	0	21.71	23.61	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	21.69	23.59	PASS
		1	24	22.02	23.92	PASS
		1	49	21.74	23.64	PASS
		25	0	21.38	23.28	PASS
		25	12	21.21	23.11	PASS
		25	25	20.90	22.80	PASS
		50	0	21.17	23.07	PASS
	MCH	1	0	22.72	24.62	PASS
		1	24	21.64	23.54	PASS
		1	49	23.24	25.14	PASS
		25	0	20.82	22.72	PASS

		25	12	20.73	22.63	PASS
		25	25	21.01	22.91	PASS
		50	0	21.06	22.96	PASS
	HCH	1	0	21.44	23.34	PASS
		1	24	22.10	24.00	PASS
		1	49	23.20	25.10	PASS
		25	0	20.65	22.55	PASS
		25	12	21.44	23.34	PASS
		25	25	22.45	24.35	PASS
		50	0	21.69	23.59	PASS
16QAM	LCH	1	0	21.07	22.97	PASS
		1	24	21.38	23.28	PASS
		1	49	21.20	23.10	PASS
		25	0	20.54	22.44	PASS
		25	12	20.42	22.32	PASS
		25	25	20.16	22.06	PASS
		50	0	20.36	22.26	PASS
	MCH	1	0	22.12	24.02	PASS
		1	24	21.12	23.02	PASS
		1	49	22.69	24.59	PASS
		25	0	20.06	21.96	PASS
		25	12	20.01	21.91	PASS
		25	25	20.25	22.15	PASS
		50	0	20.31	22.21	PASS
	HCH	1	0	20.88	22.78	PASS
		1	24	21.53	23.43	PASS
		1	49	22.66	24.56	PASS
		25	0	20.25	22.15	PASS
		25	12	20.65	22.55	PASS
		25	25	21.66	23.56	PASS
		50	0	20.97	22.87	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	3.86	<13	PASS
		1	3	3.79	<13	PASS
		1	5	3.75	<13	PASS
		3	0	4.25	<13	PASS
		3	2	4.15	<13	PASS
		3	3	4.18	<13	PASS
		6	0	4.93	<13	PASS
	MCH	1	0	3.93	<13	PASS
		1	3	3.89	<13	PASS
		1	5	3.87	<13	PASS
		3	0	4.36	<13	PASS
		3	2	4.28	<13	PASS
		3	3	4.40	<13	PASS
		6	0	4.92	<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	4.56	<13	PASS
		1	3	4.48	<13	PASS
		1	5	4.51	<13	PASS
		3	0	5.04	<13	PASS
		3	2	4.94	<13	PASS
		3	3	5.03	<13	PASS
		6	0	5.70	<13	PASS
	MCH	1	0	4.61	<13	PASS
		1	3	4.55	<13	PASS
		1	5	4.63	<13	PASS
		3	0	5.12	<13	PASS

		3	2	5.04	<13	PASS
		3	3	5.13	<13	PASS
		6	0	5.74	<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	3.80	<13	PASS
		1	7	3.67	<13	PASS
		1	14	3.64	<13	PASS
		8	0	4.69	<13	PASS
		8	4	4.60	<13	PASS
		8	7	4.65	<13	PASS
		15	0	5.04	<13	PASS
	MCH	1	0	3.89	<13	PASS
		1	7	3.89	<13	PASS
		1	14	3.86	<13	PASS
		8	0	4.78	<13	PASS
		8	4	4.70	<13	PASS
		8	7	4.78	<13	PASS
		15	0	5.19	<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	4.52	<13	PASS
		1	7	4.50	<13	PASS
		1	14	4.28	<13	PASS
		8	0	5.48	<13	PASS

		8	4	5.36	<13	PASS
		8	7	5.40	<13	PASS
		15	0	5.82	<13	PASS
	MCH	1	0	4.61	<13	PASS
		1	7	4.57	<13	PASS
		1	14	4.61	<13	PASS
		8	0	5.51	<13	PASS
		8	4	5.40	<13	PASS
		8	7	5.52	<13	PASS
		15	0	5.90	<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	3.71	<13	PASS
		1	12	3.59	<13	PASS
		1	24	3.77	<13	PASS
		12	0	4.63	<13	PASS
		12	6	4.53	<13	PASS
		12	13	4.58	<13	PASS
		25	0	4.93	<13	PASS
	MCH	1	0	3.84	<13	PASS
		1	12	3.85	<13	PASS
		1	24	3.80	<13	PASS
		12	0	4.73	<13	PASS
		12	6	4.67	<13	PASS
		12	13	4.77	<13	PASS
		25	0	5.26	<13	PASS
	HCH	1	0	3.58	<13	PASS
		1	12	3.14	<13	PASS
		1	24	3.65	<13	PASS
		12	0	4.38	<13	PASS

16QAM		12	6	4.19	<13	PASS
		12	13	4.36	<13	PASS
		25	0	4.63	<13	PASS
	LCH	1	0	4.57	<13	PASS
		1	12	4.39	<13	PASS
		1	24	4.46	<13	PASS
		12	0	5.45	<13	PASS
		12	6	5.33	<13	PASS
		12	13	5.41	<13	PASS
		25	0	5.74	<13	PASS
	MCH	1	0	4.61	<13	PASS
		1	12	4.55	<13	PASS
		1	24	4.47	<13	PASS
		12	0	5.54	<13	PASS
		12	6	5.44	<13	PASS
		12	13	5.55	<13	PASS
		25	0	5.96	<13	PASS
	HCH	1	0	4.23	<13	PASS
		1	12	3.91	<13	PASS
		1	24	4.31	<13	PASS
		12	0	5.14	<13	PASS
		12	6	4.96	<13	PASS
		12	13	5.12	<13	PASS
		25	0	5.37	<13	PASS

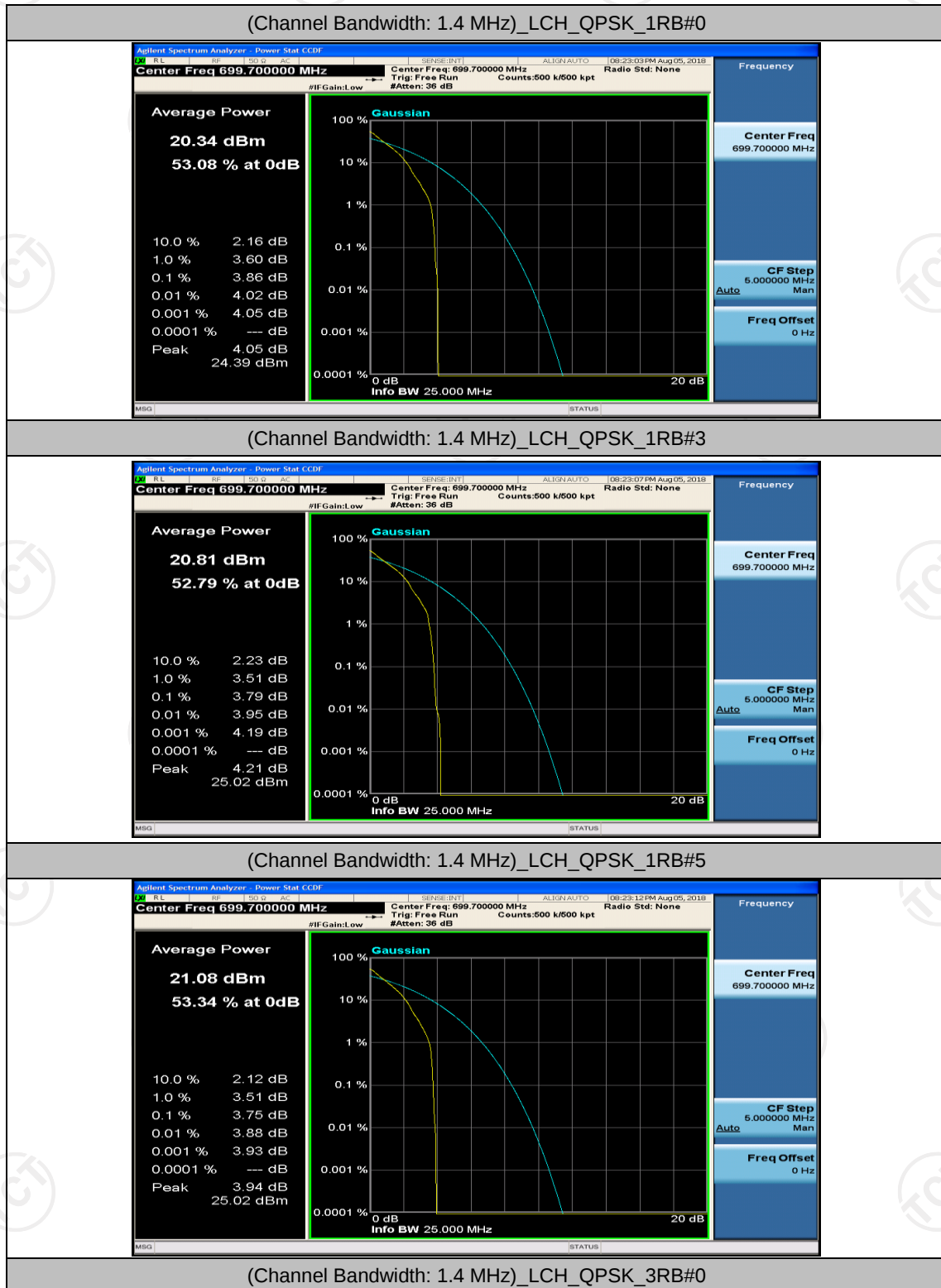
Channel Bandwidth: 10 MHz

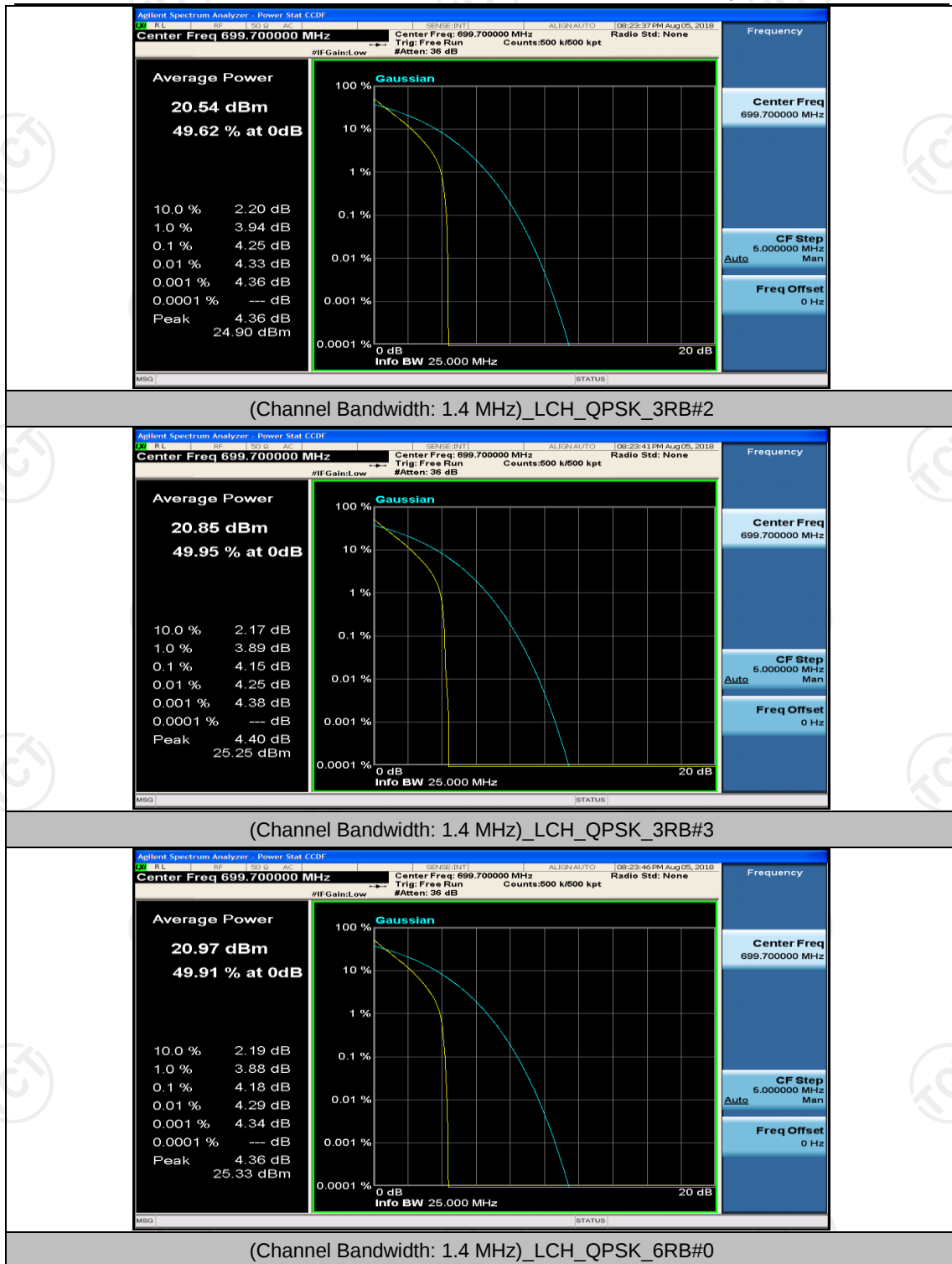
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.73	<13	PASS
		1	24	3.83	<13	PASS
		1	49	3.89	<13	PASS
		25	0	4.63	<13	PASS
		25	12	4.68	<13	PASS
		25	25	4.87	<13	PASS
		50	0	5.09	<13	PASS
	MCH	1	0	3.65	<13	PASS
		1	24	3.83	<13	PASS
		1	49	3.50	<13	PASS
		25	0	4.86	<13	PASS

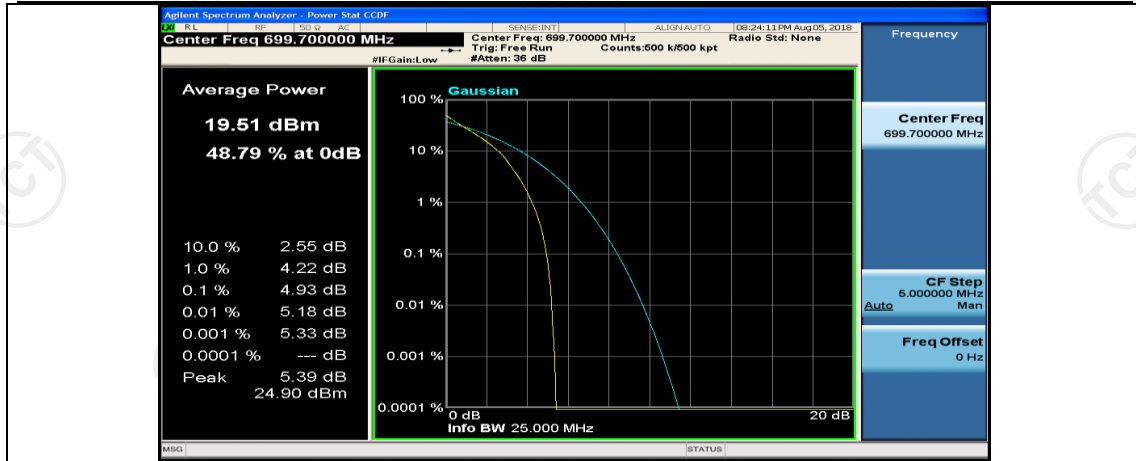
		25	12	4.79	<13	PASS
		25	25	4.90	<13	PASS
		50	0	5.37	<13	PASS
	HCH	1	0	3.88	<13	PASS
		1	24	3.75	<13	PASS
		1	49	3.55	<13	PASS
		25	0	4.91	<13	PASS
		25	12	4.76	<13	PASS
		25	25	4.40	<13	PASS
		50	0	5.19	<13	PASS
16QAM	LCH	1	0	4.47	<13	PASS
		1	24	4.51	<13	PASS
		1	49	4.56	<13	PASS
		25	0	5.50	<13	PASS
		25	12	5.51	<13	PASS
		25	25	5.66	<13	PASS
		50	0	5.83	<13	PASS
	MCH	1	0	4.39	<13	PASS
		1	24	4.59	<13	PASS
		1	49	4.13	<13	PASS
		25	0	5.67	<13	PASS
		25	12	5.56	<13	PASS
		25	25	5.68	<13	PASS
		50	0	5.99	<13	PASS
	HCH	1	0	4.59	<13	PASS
		1	24	4.48	<13	PASS
		1	49	4.17	<13	PASS
		25	0	5.67	<13	PASS
		25	12	5.53	<13	PASS
		25	25	5.23	<13	PASS
		50	0	5.82	<13	PASS

Test Graphs

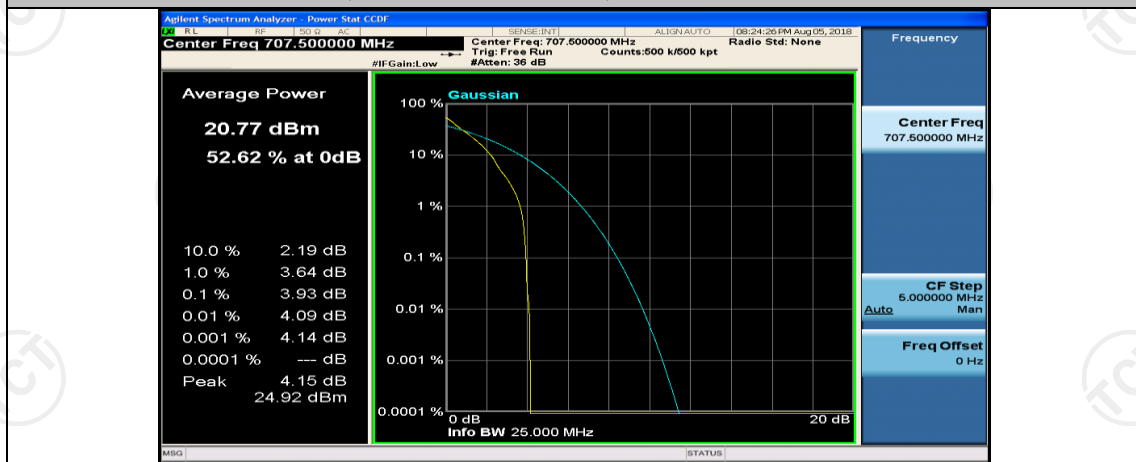
Channel Bandwidth: 1.4 MHz



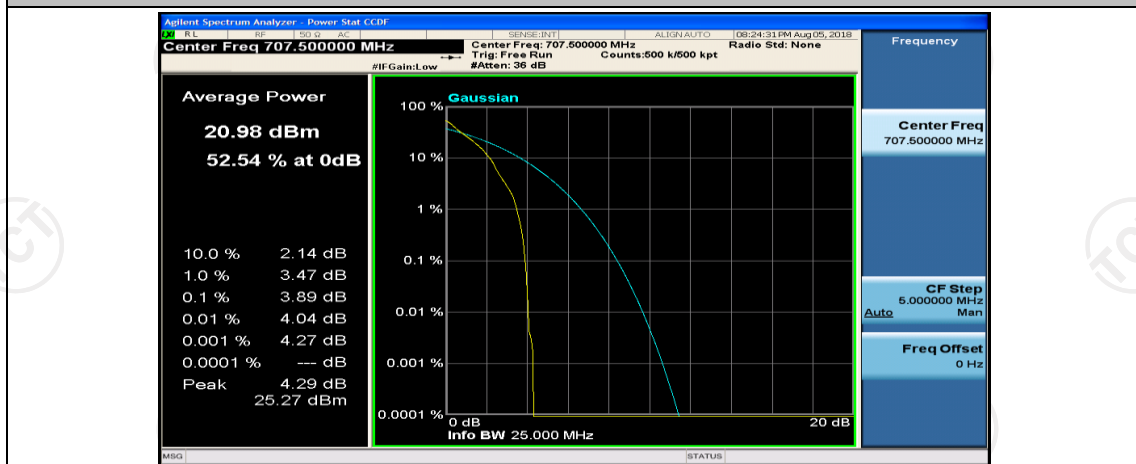




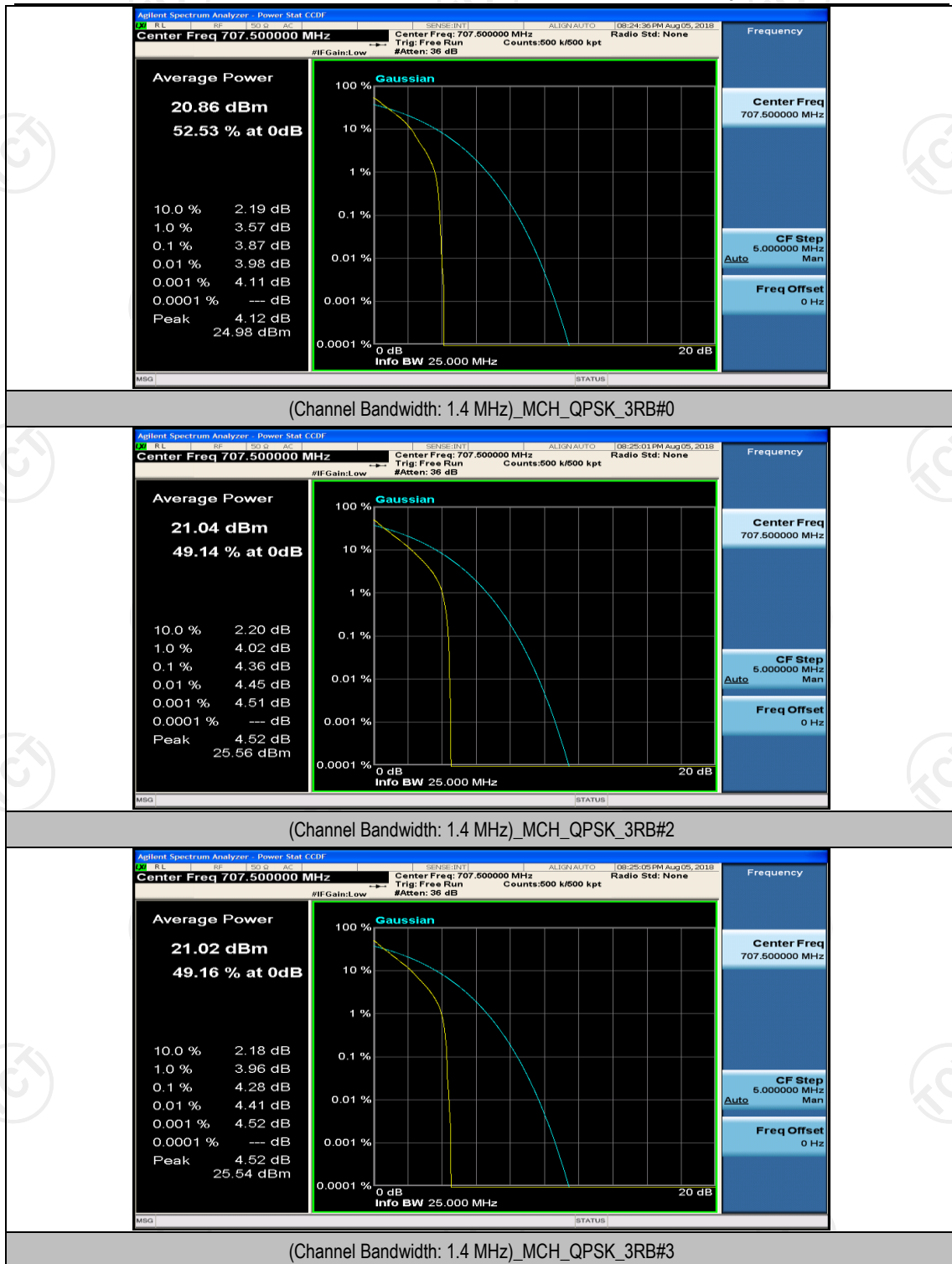
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

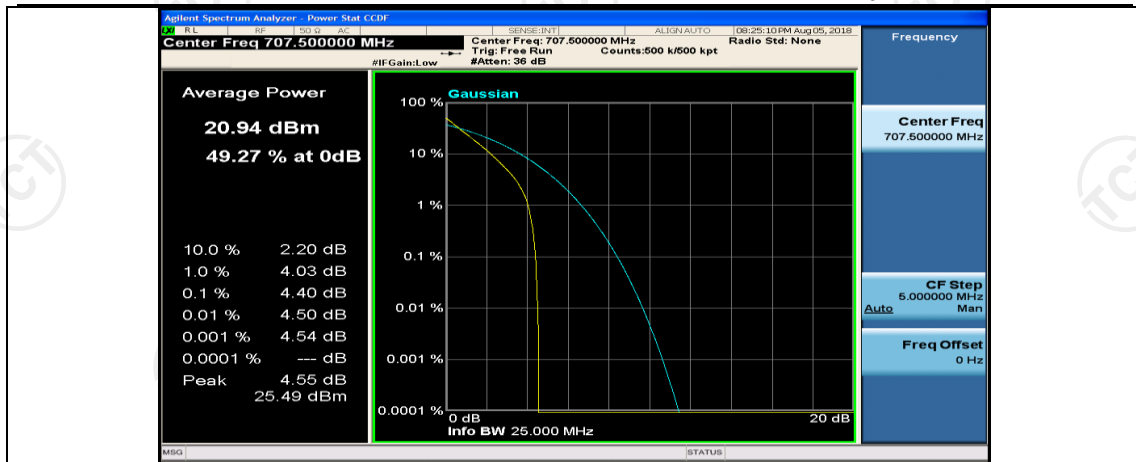


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

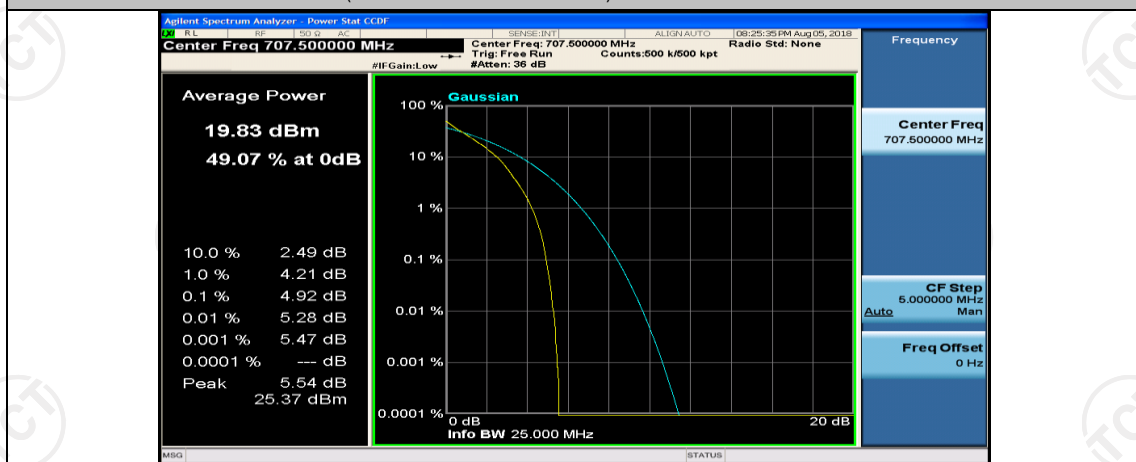


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

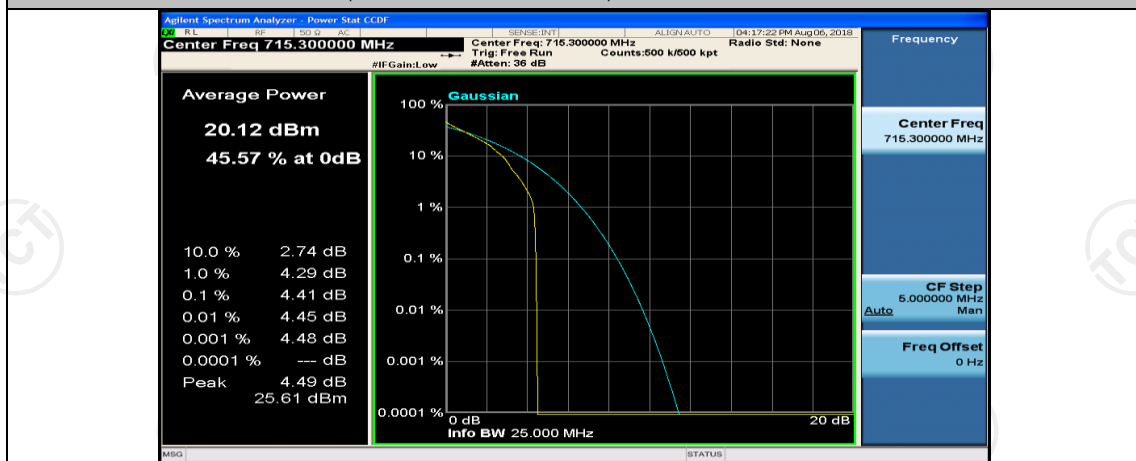




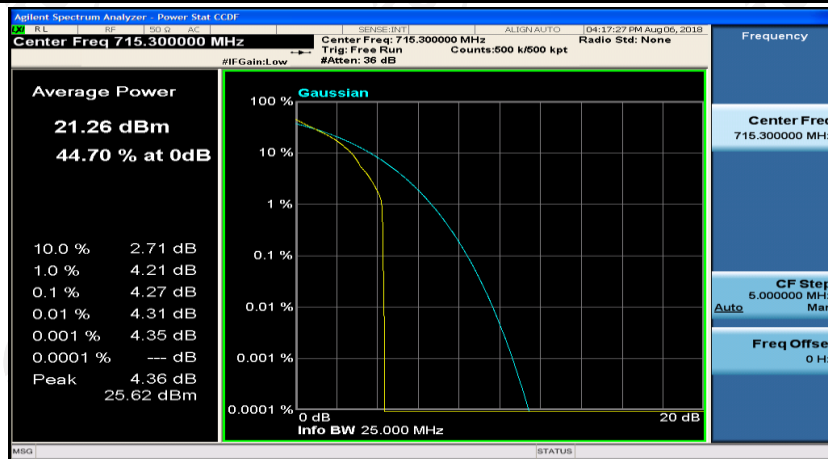
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



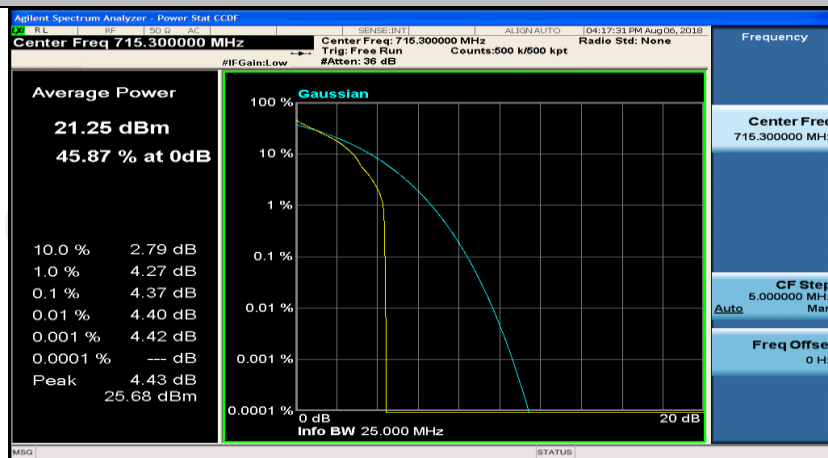
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



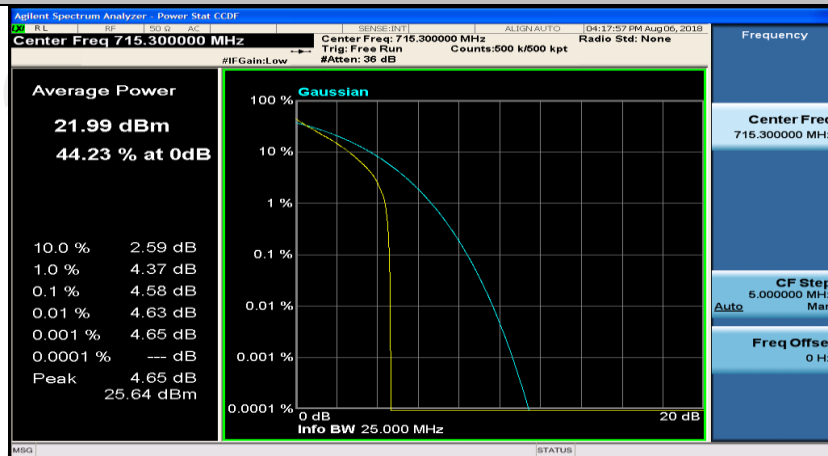
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



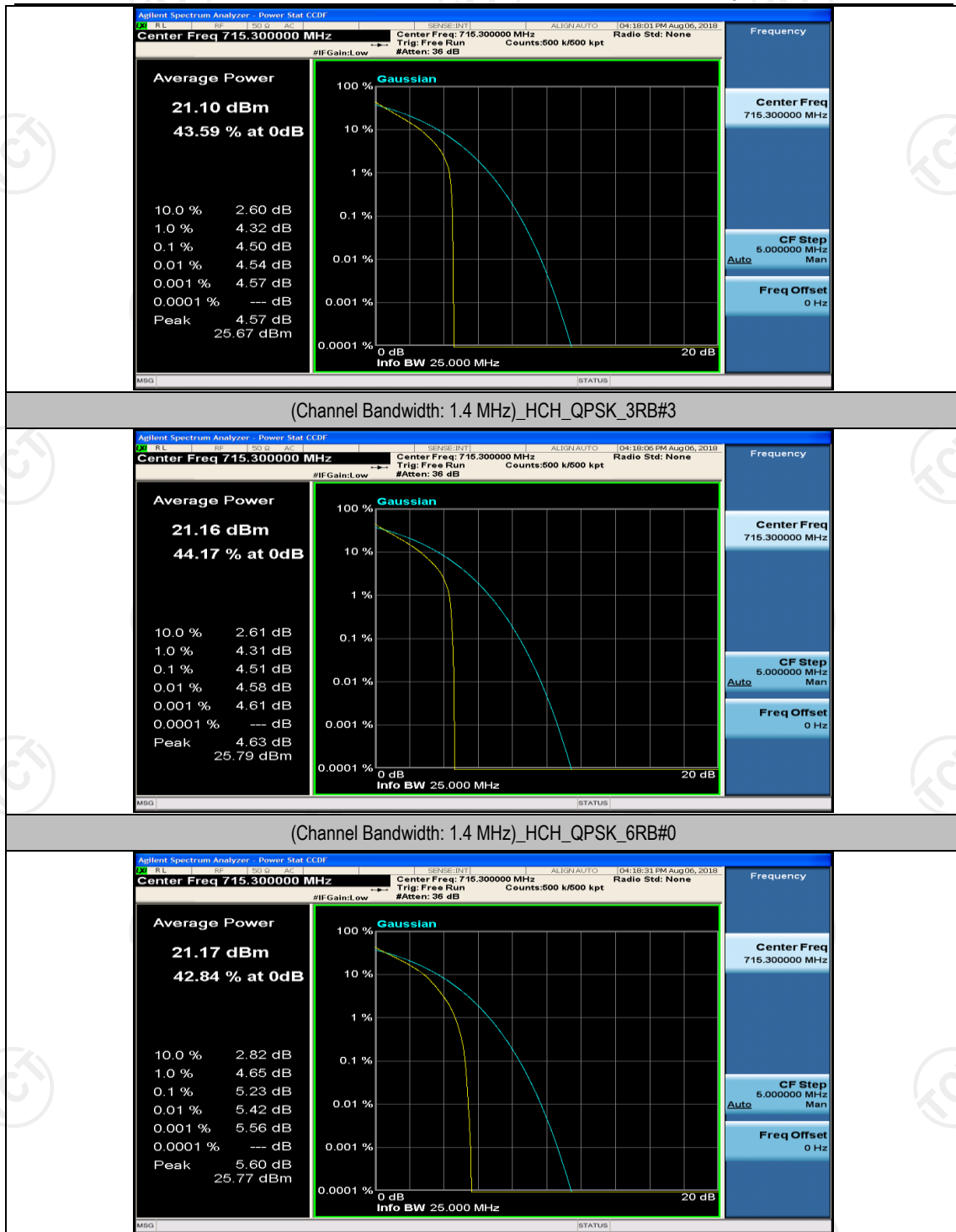
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



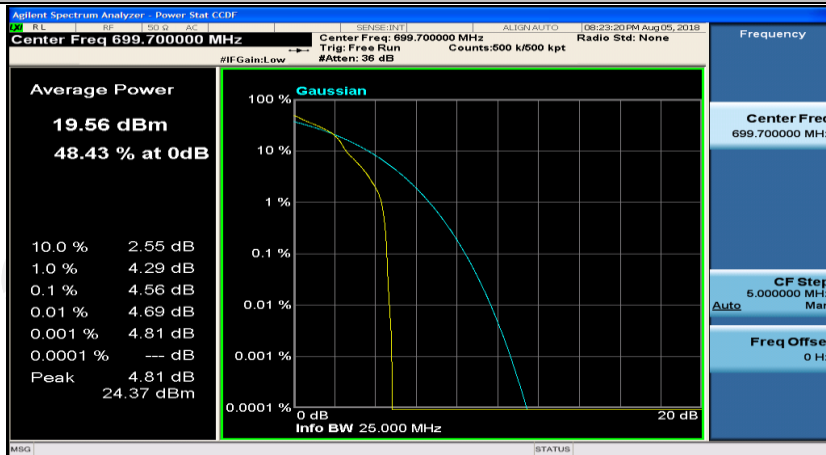
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



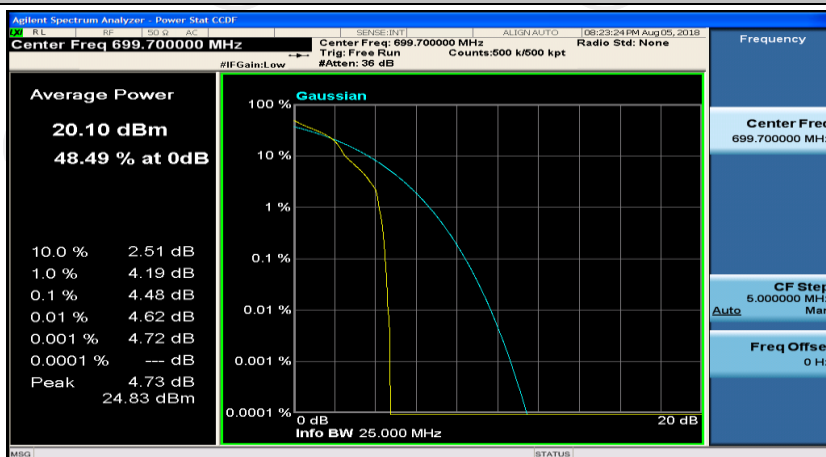
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



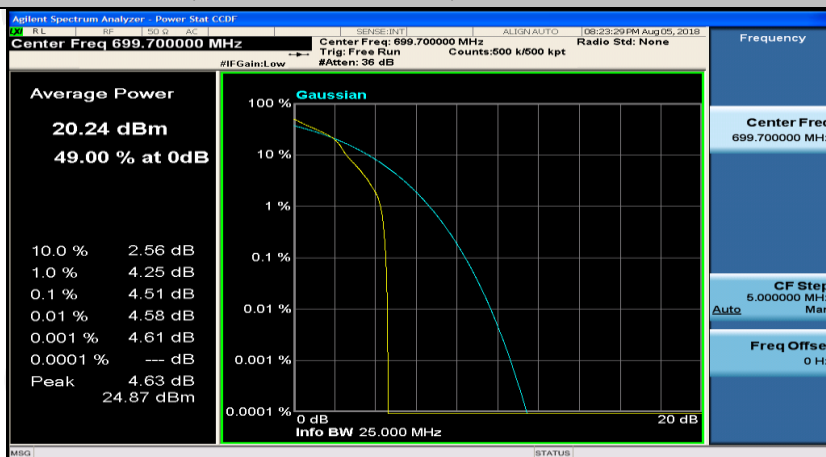
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



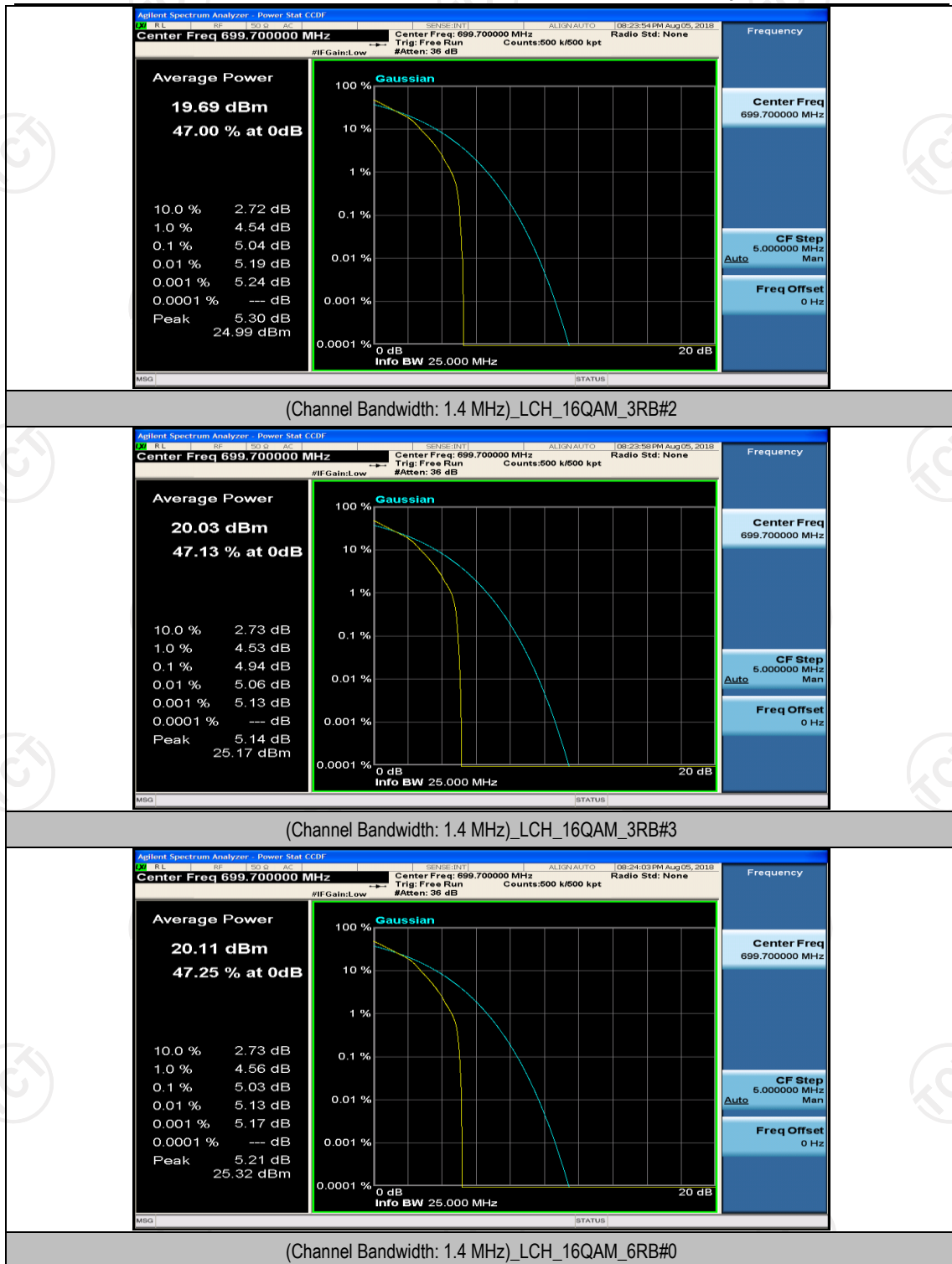
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3

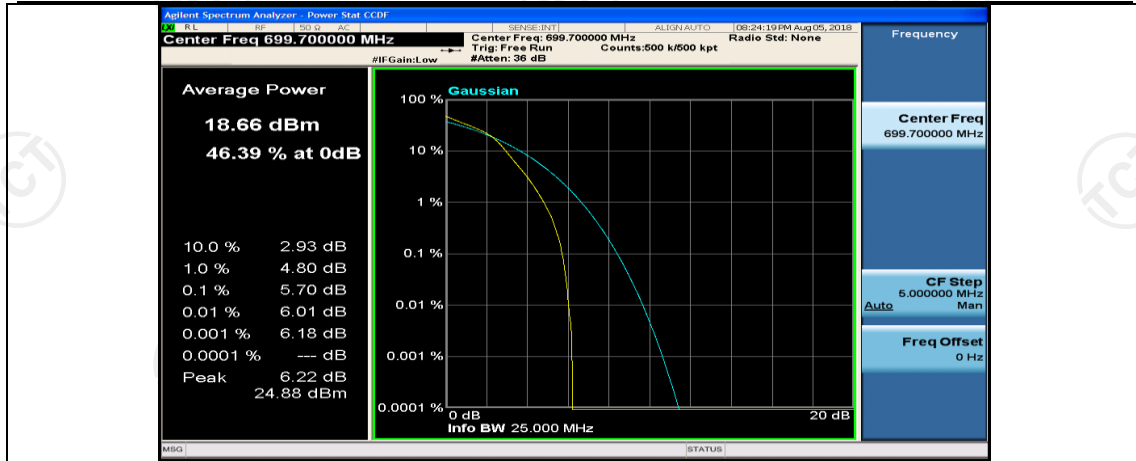


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5

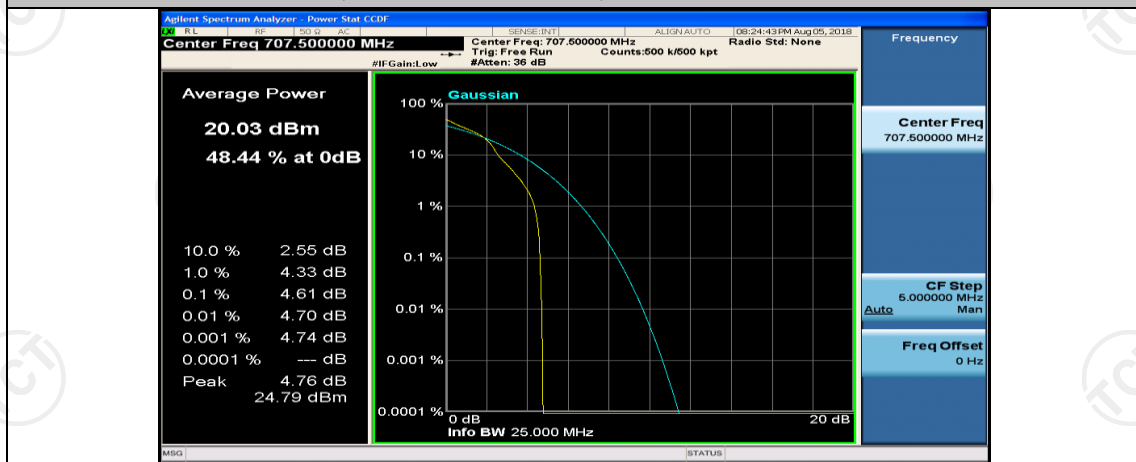


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0

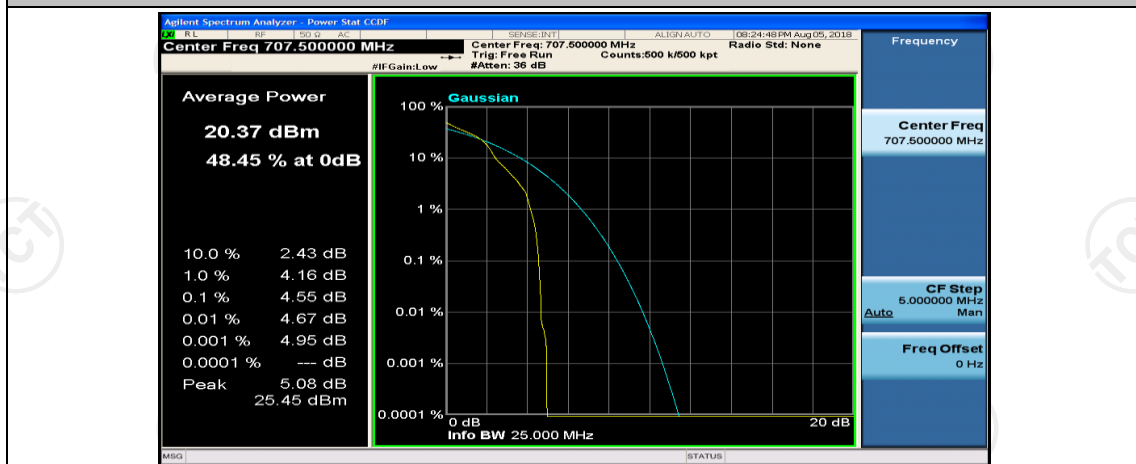




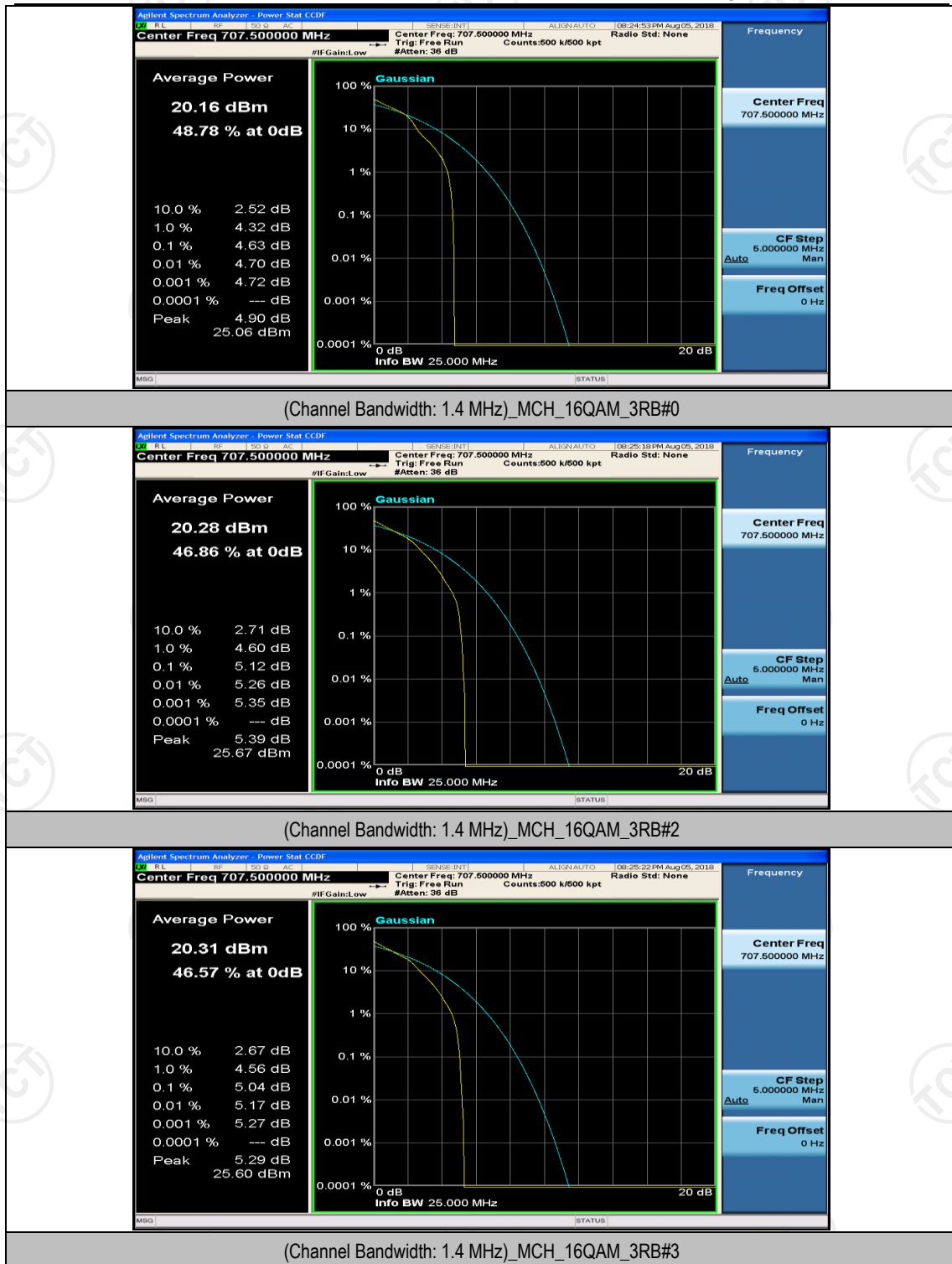
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

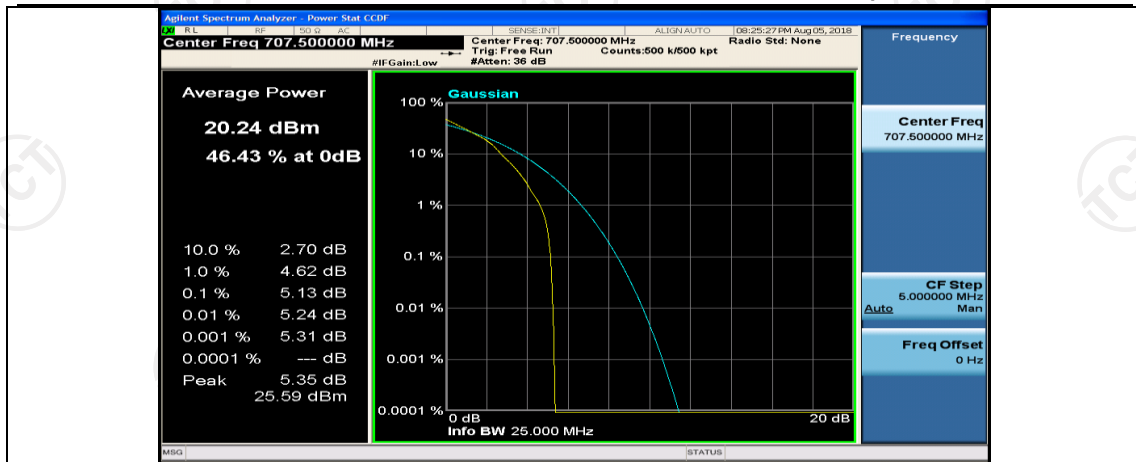


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

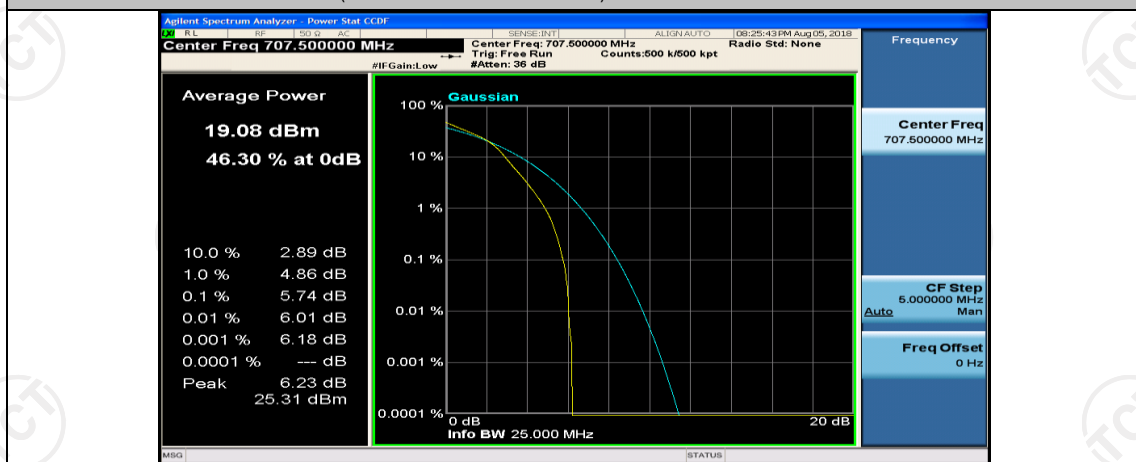


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5

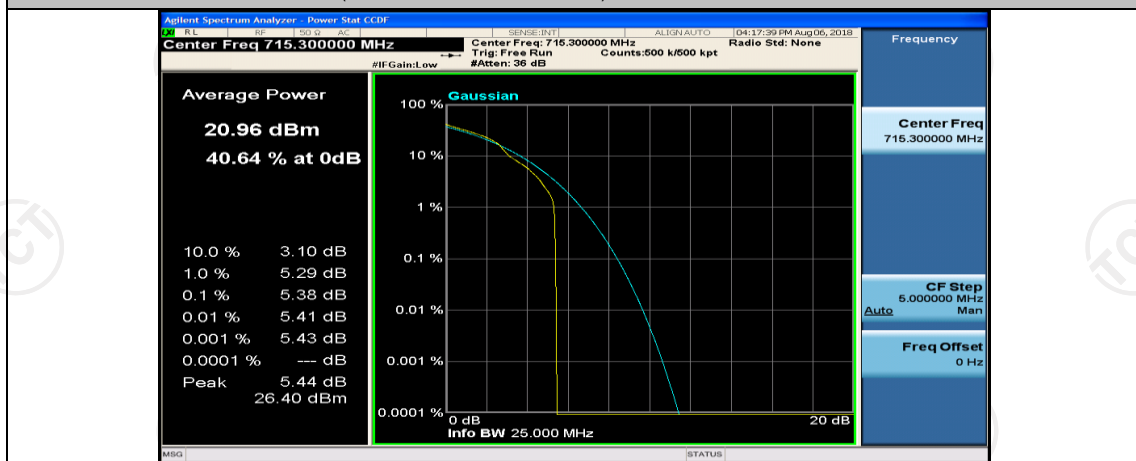




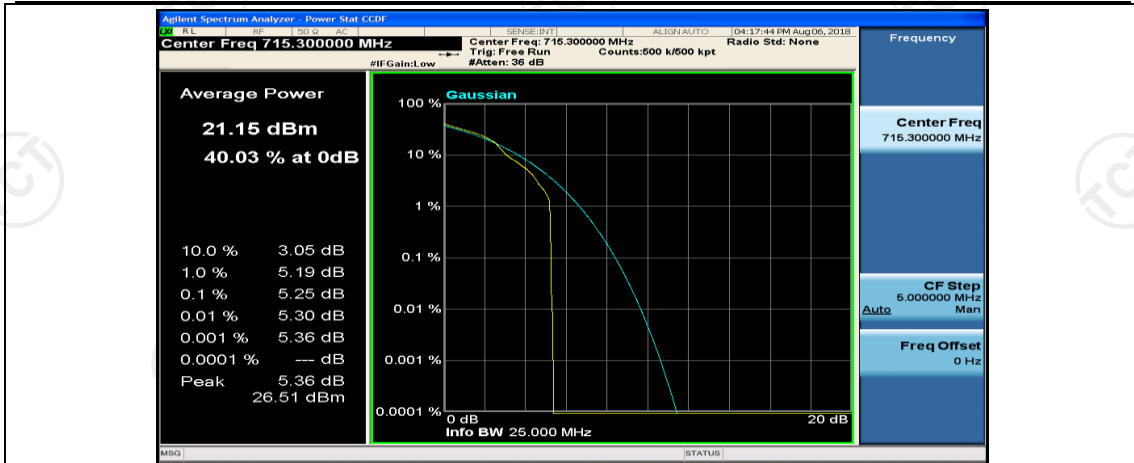
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



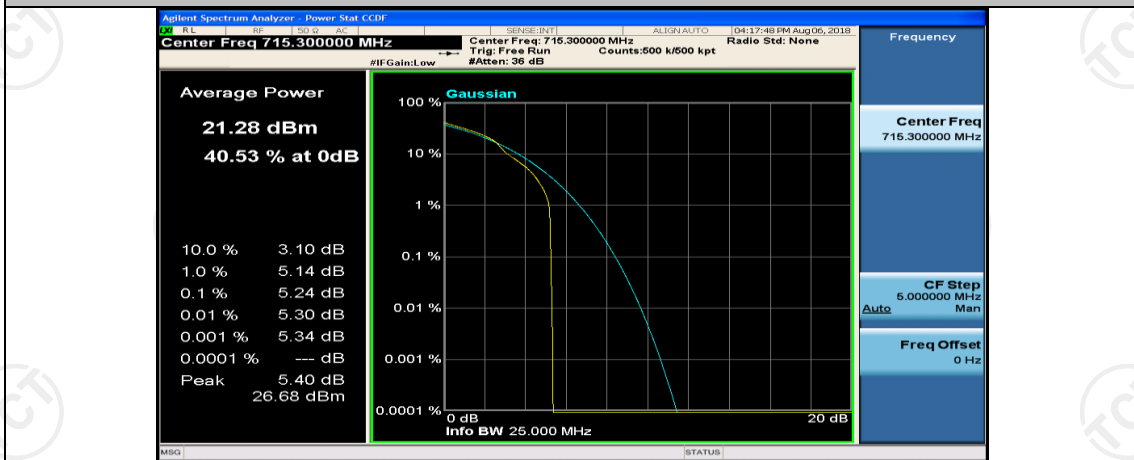
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



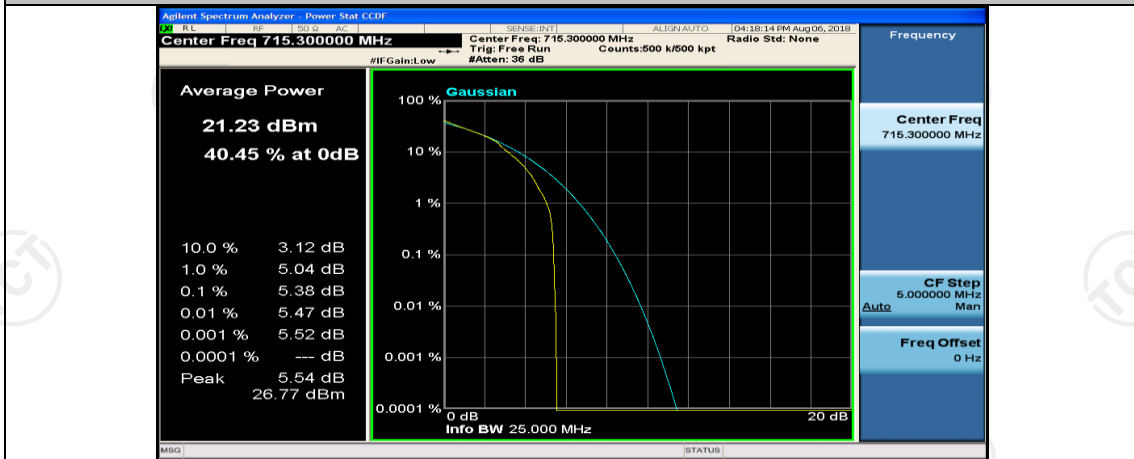
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



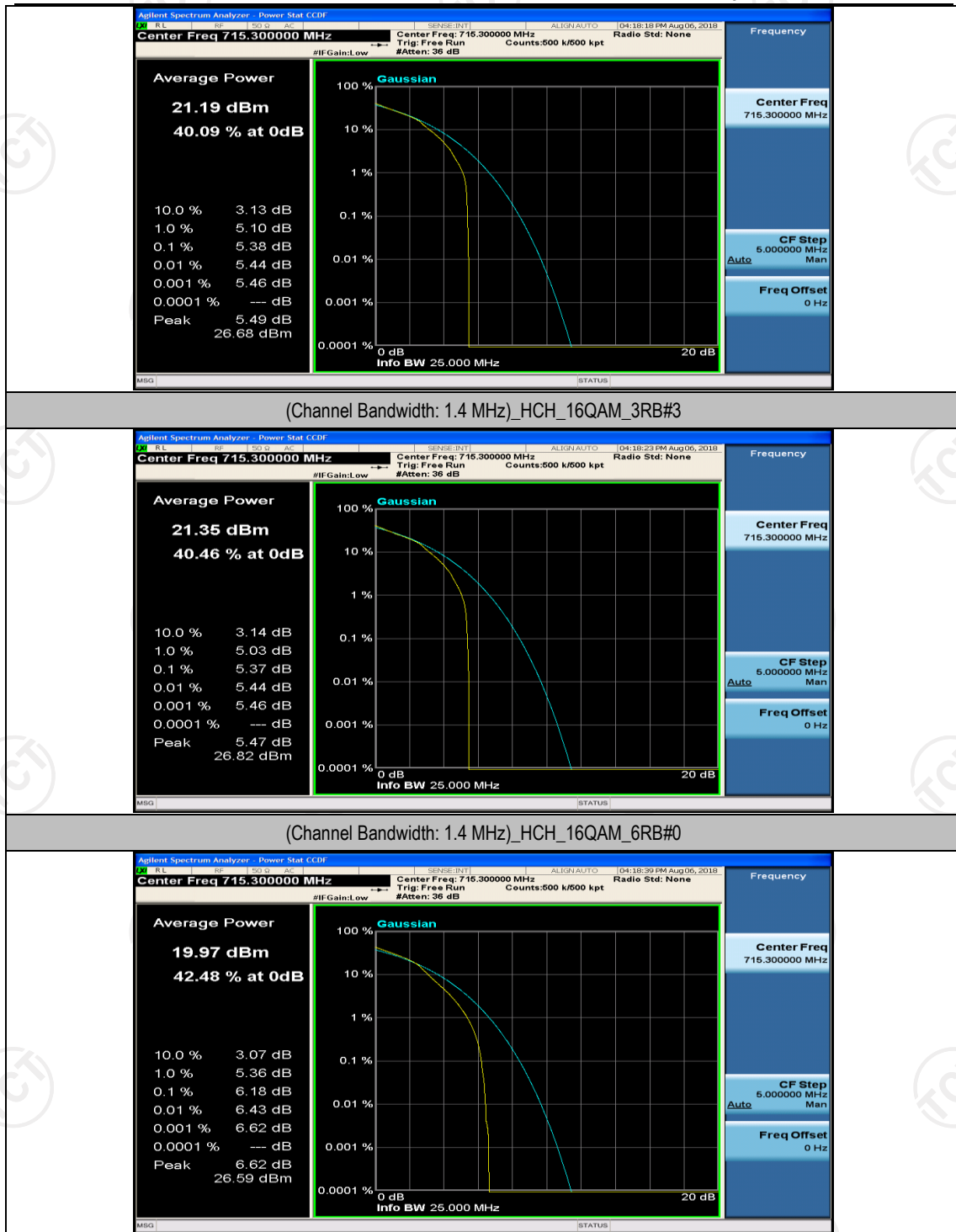
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0

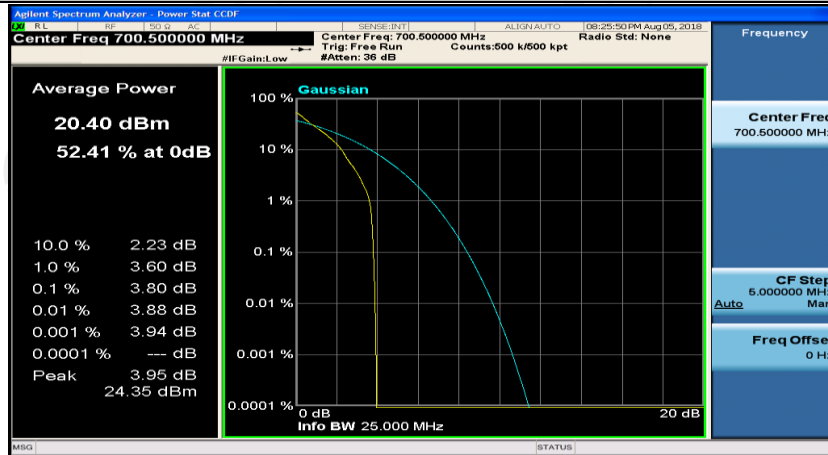


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2

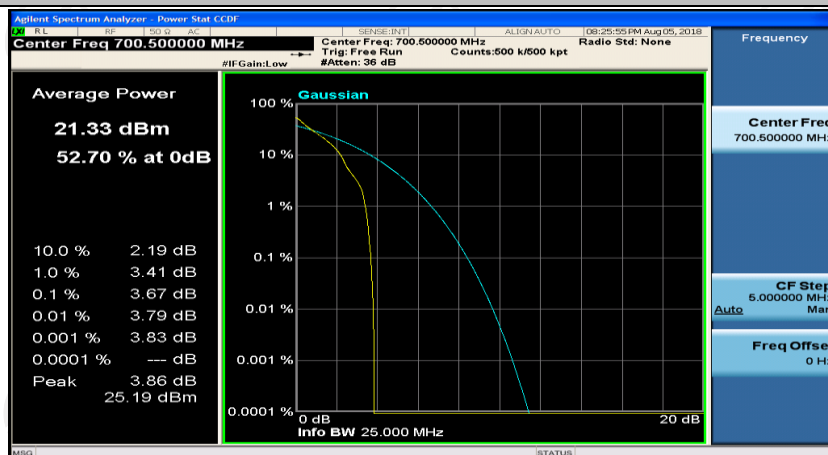


Channel Bandwidth: 3 MHz

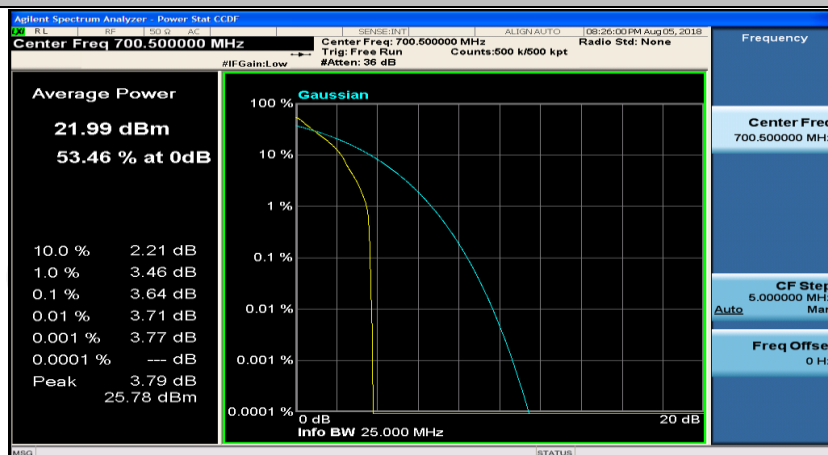
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



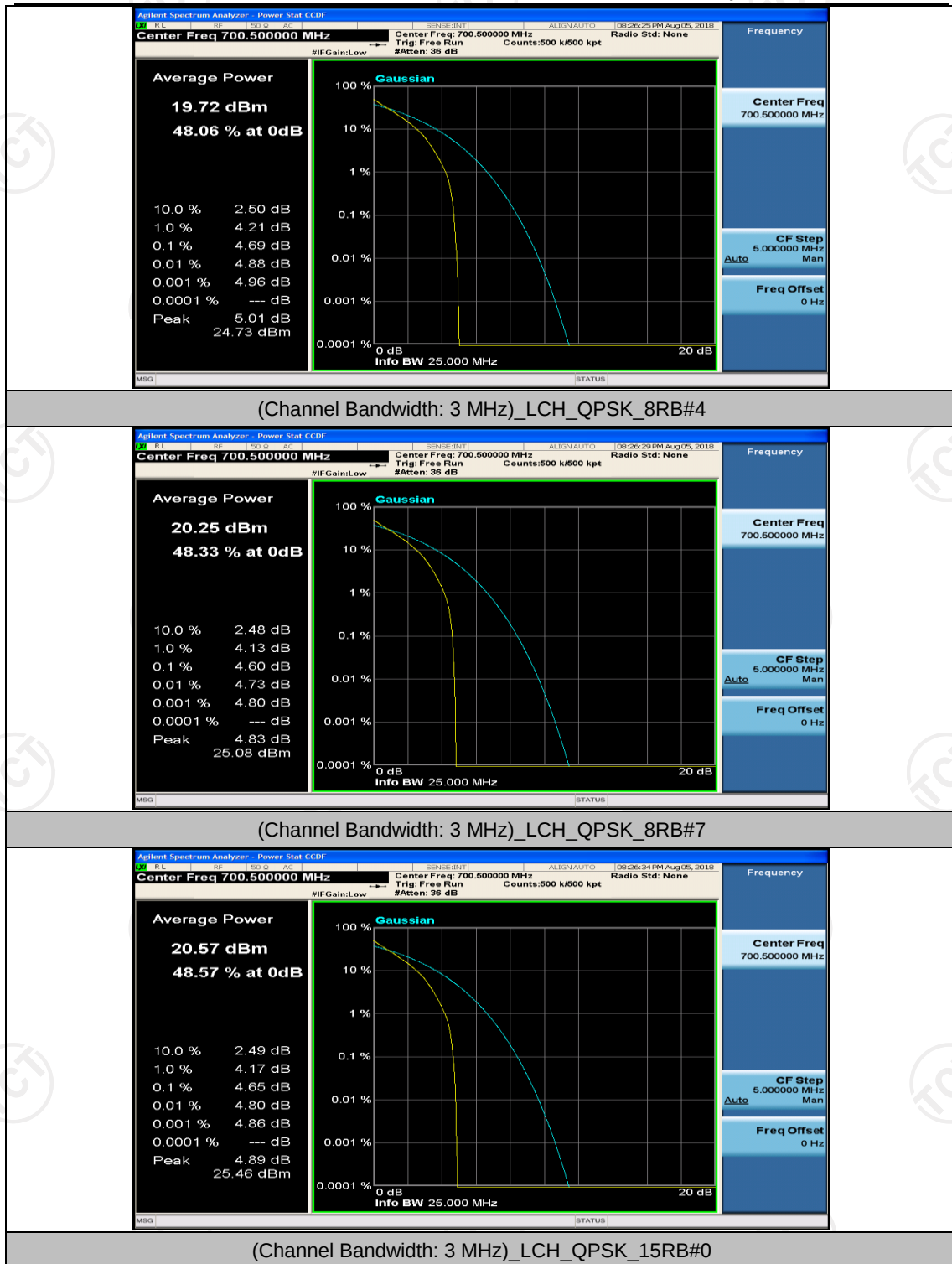
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7

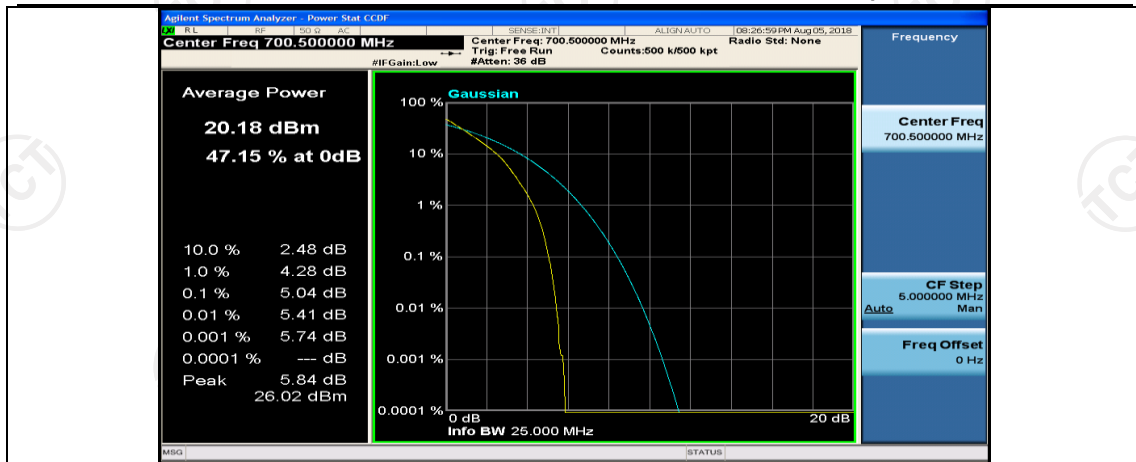


(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14

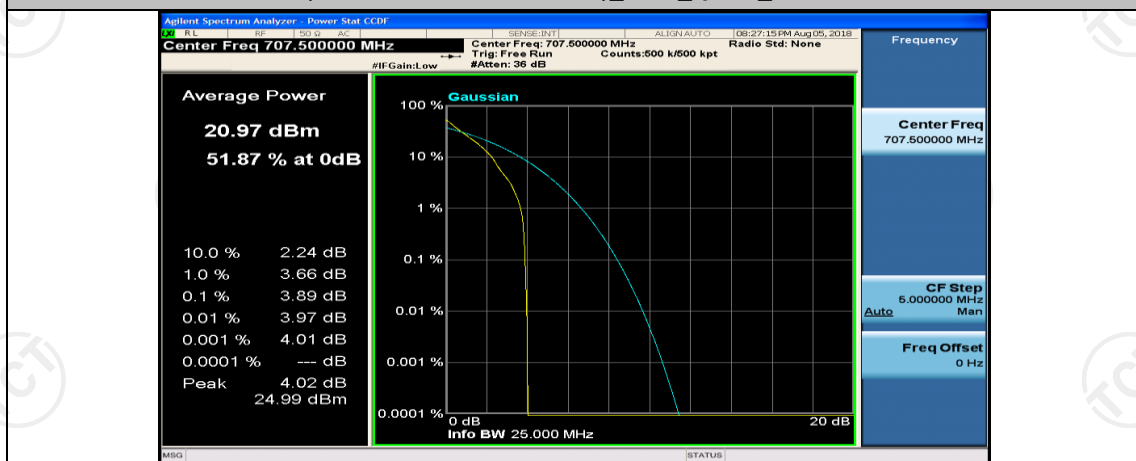


(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0

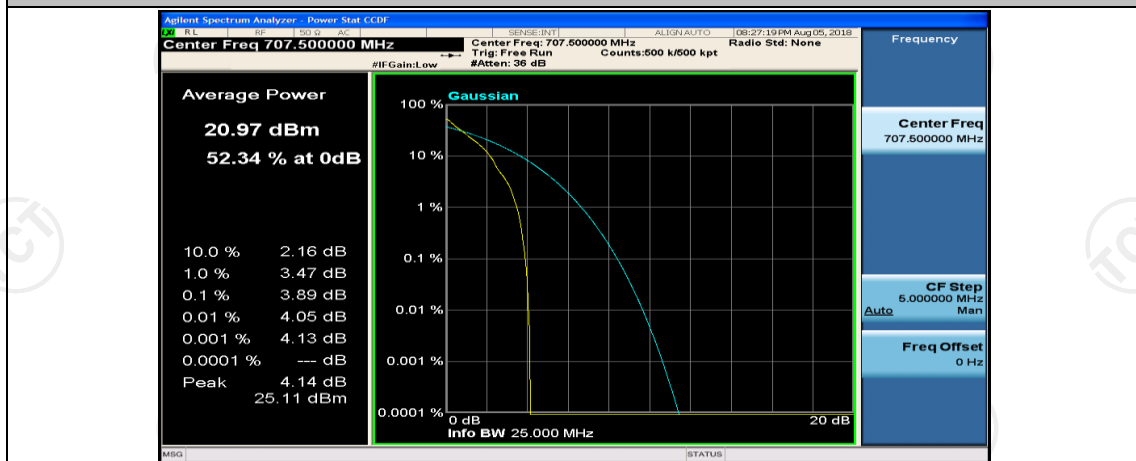




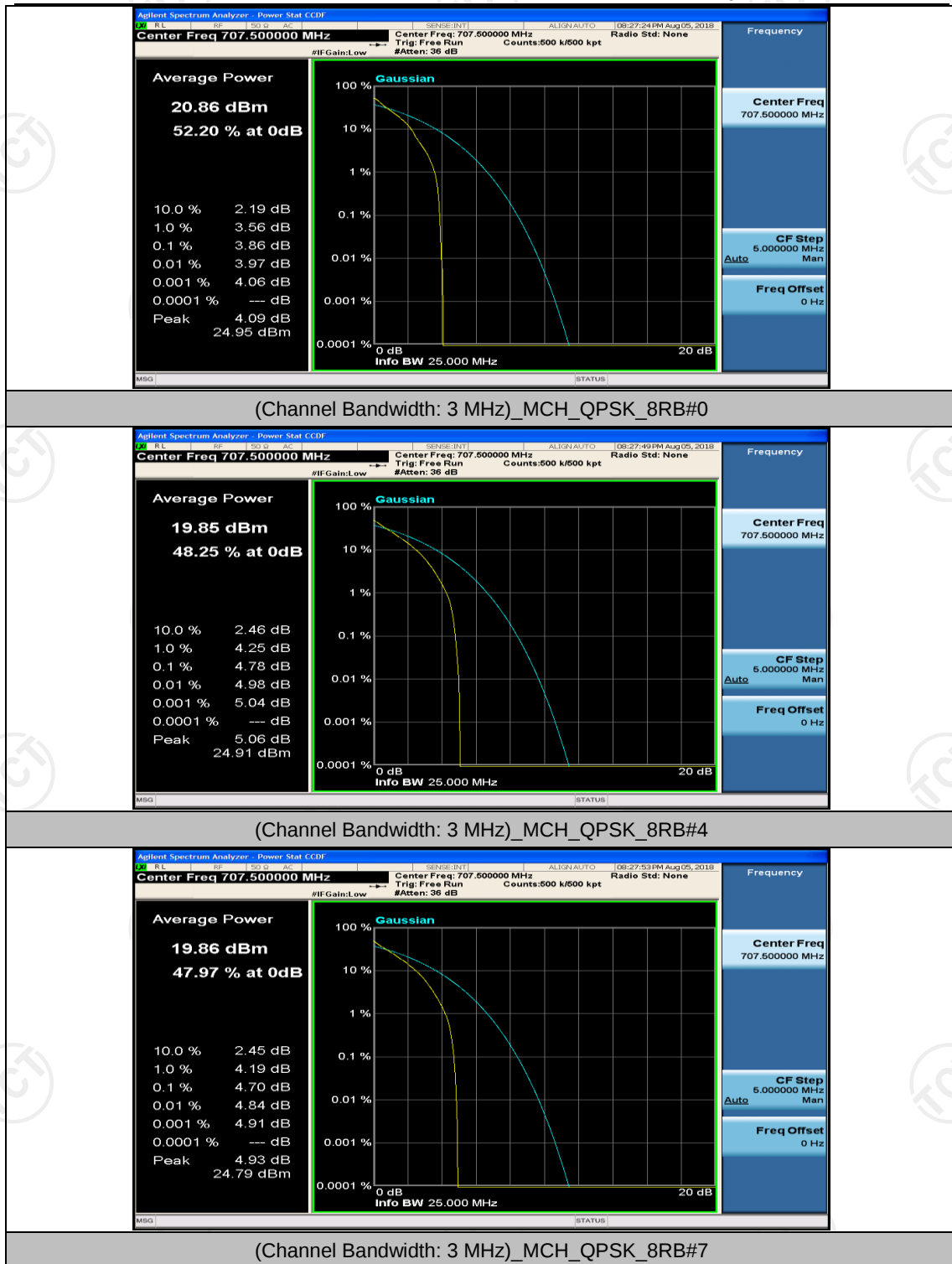
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

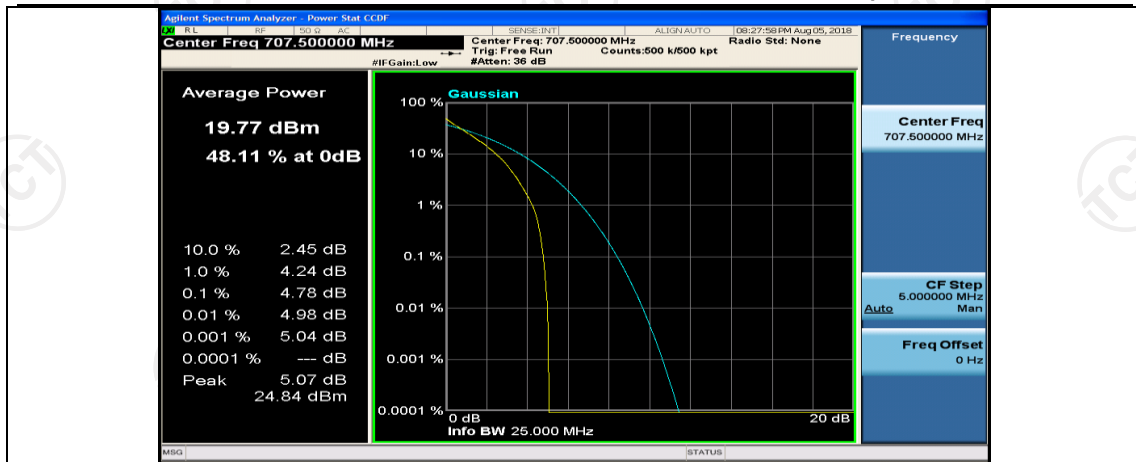


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

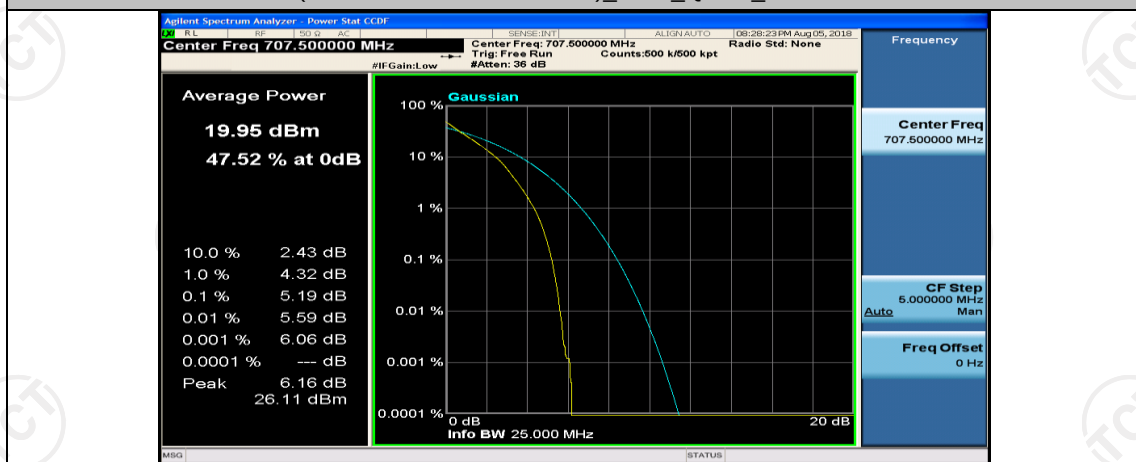


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

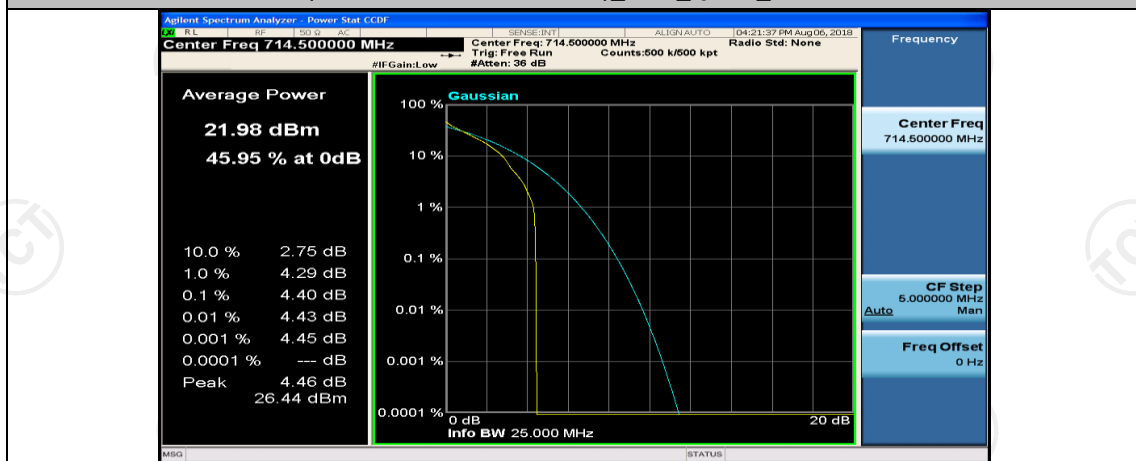




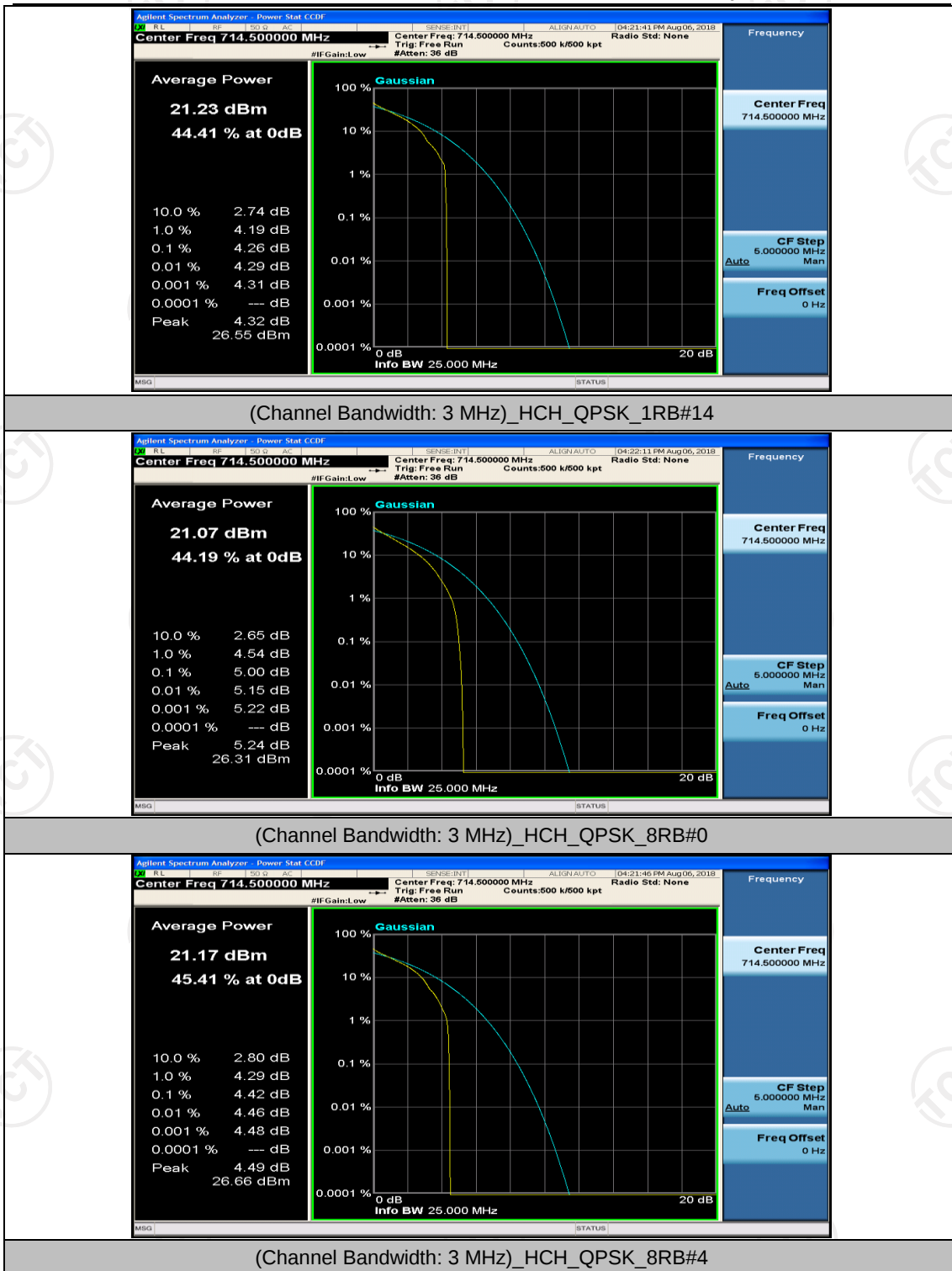
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0

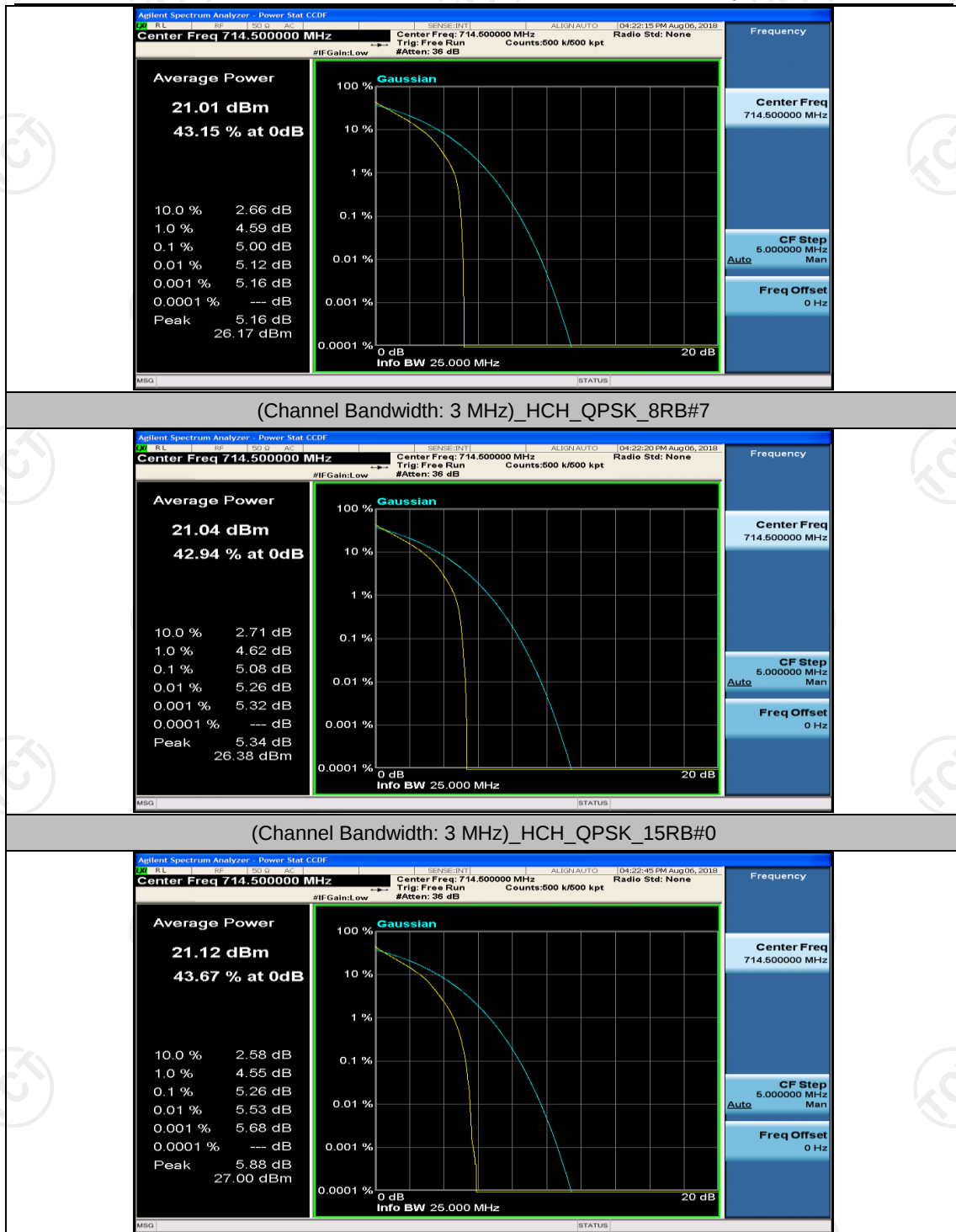


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

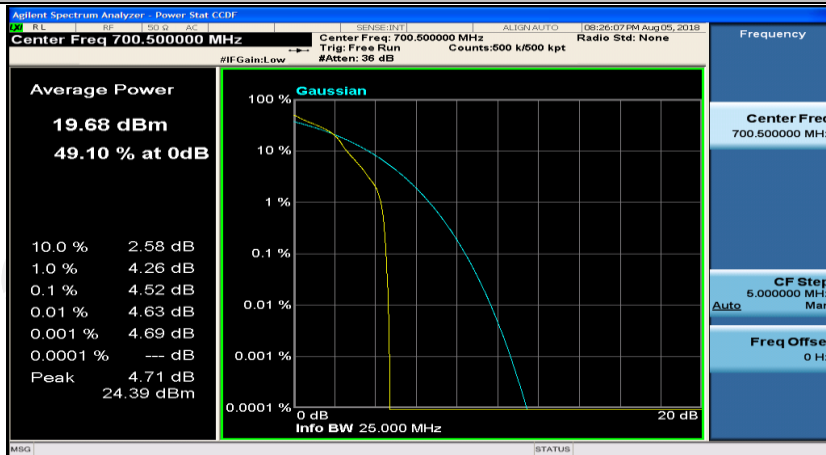


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7

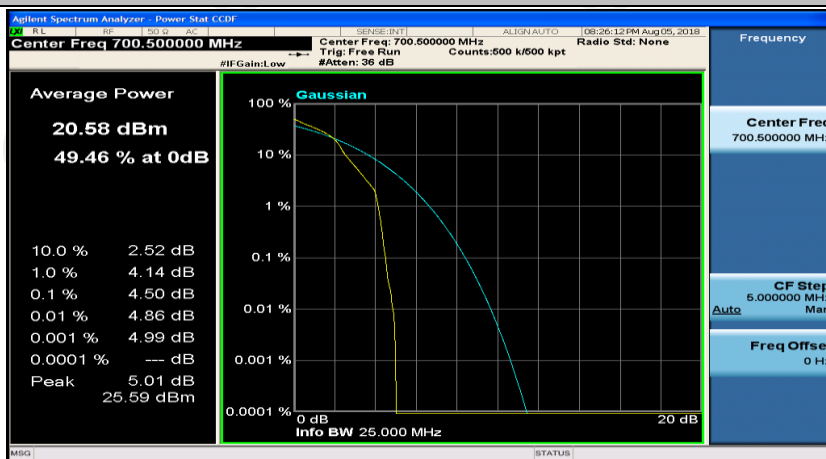




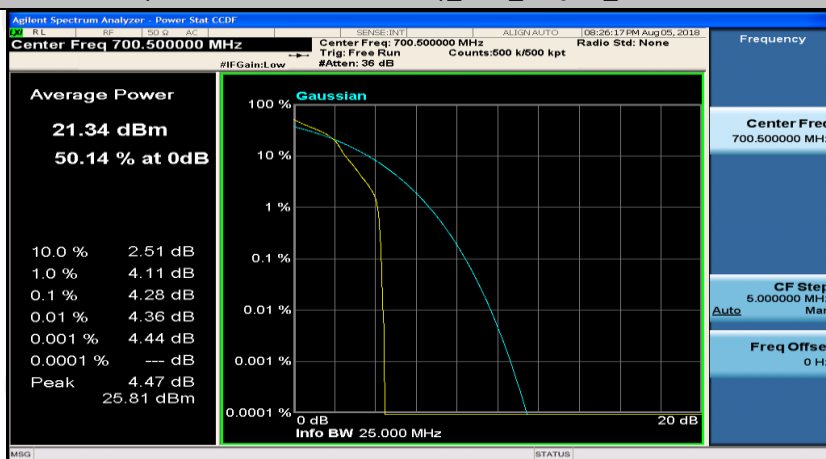
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



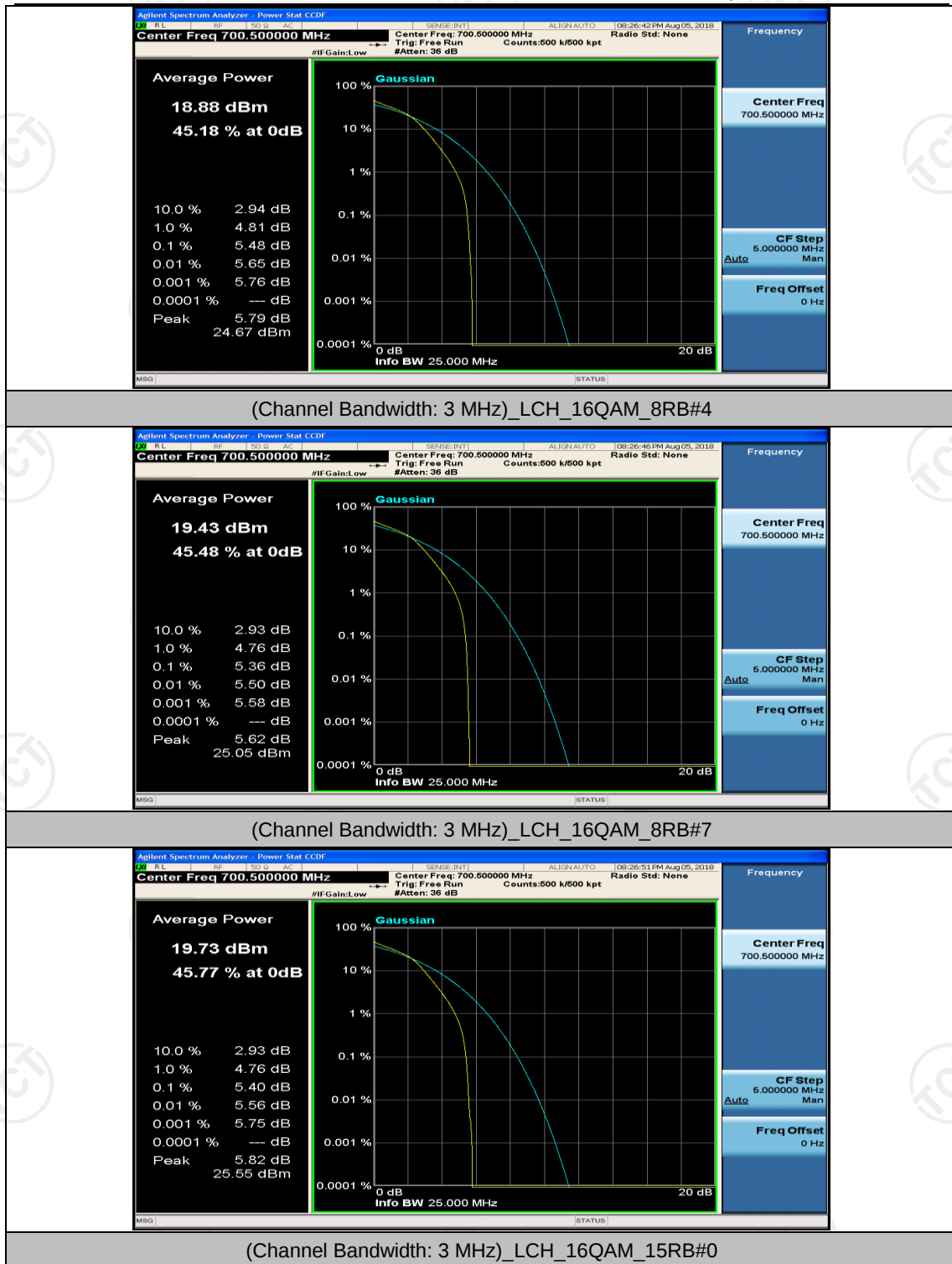
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7

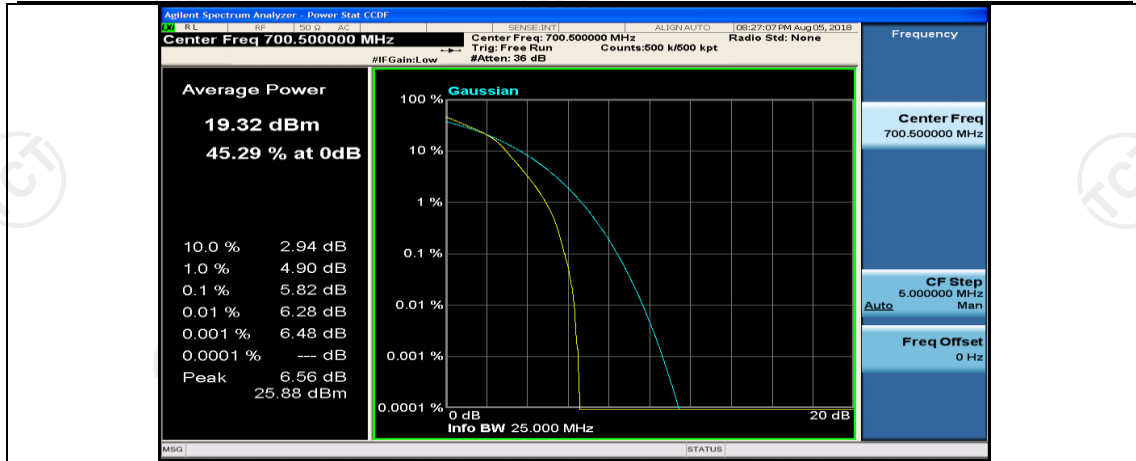


(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14

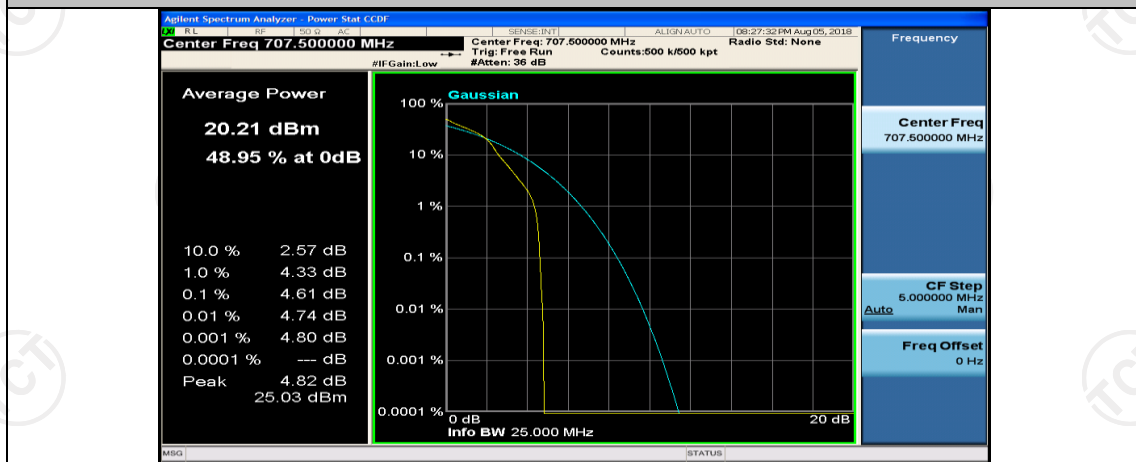


(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0

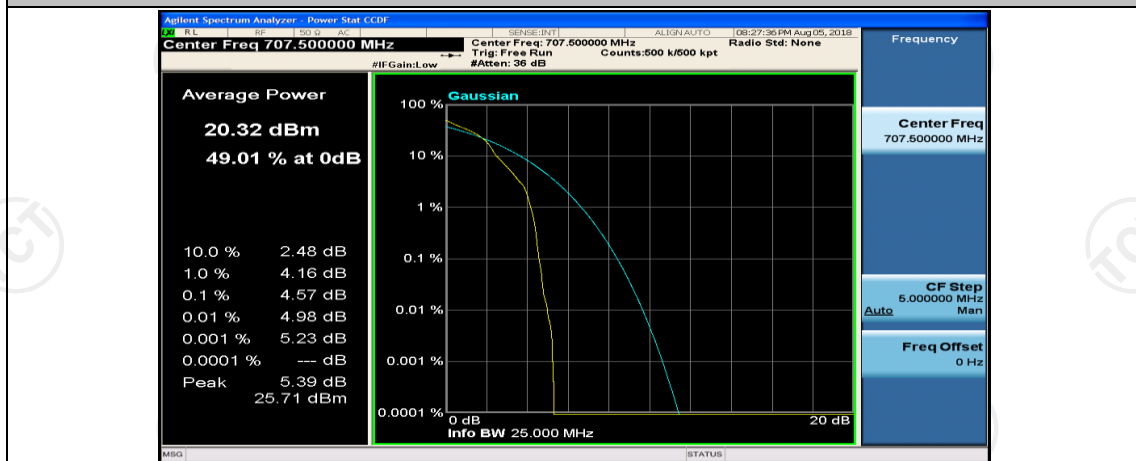




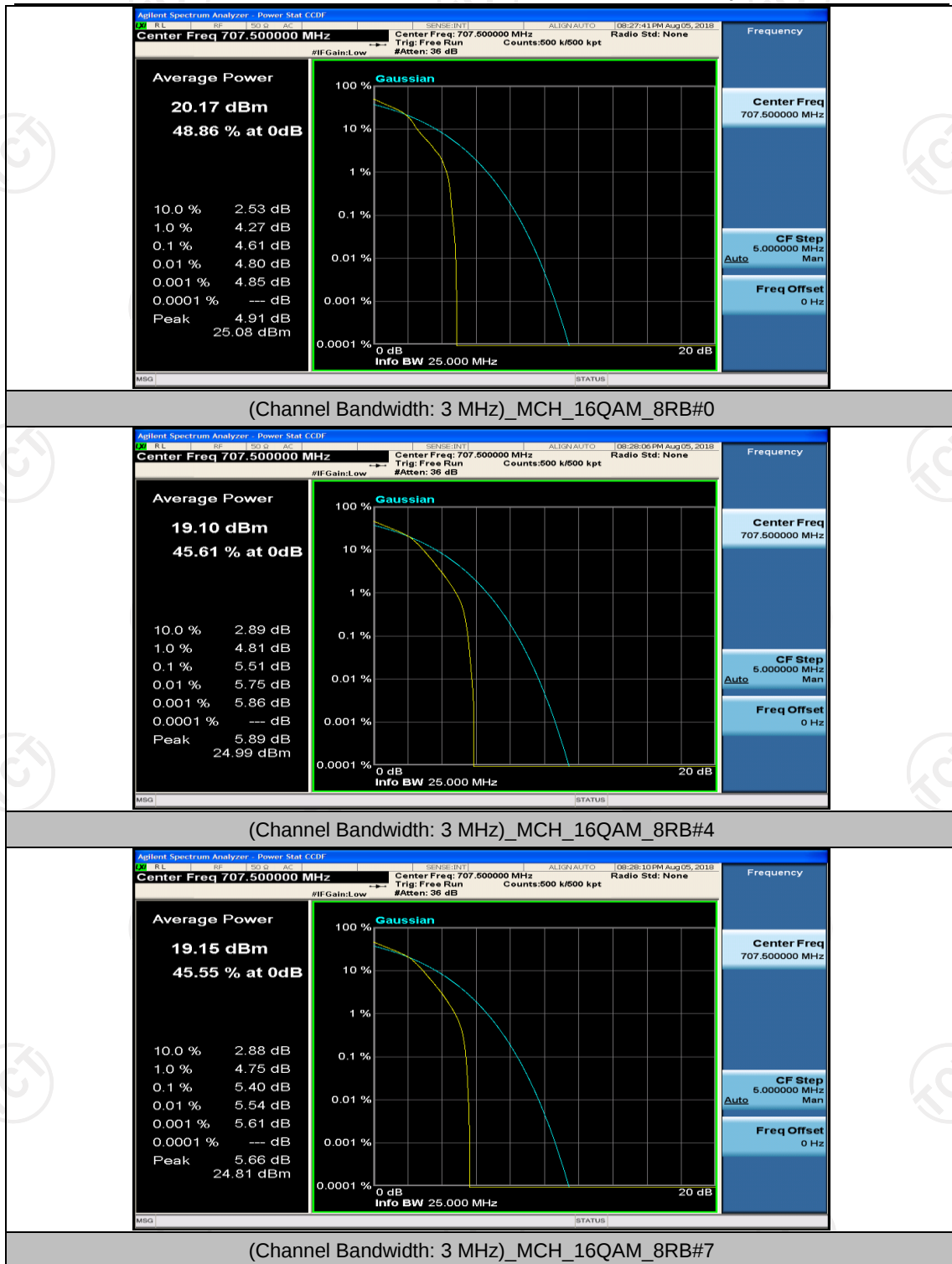
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

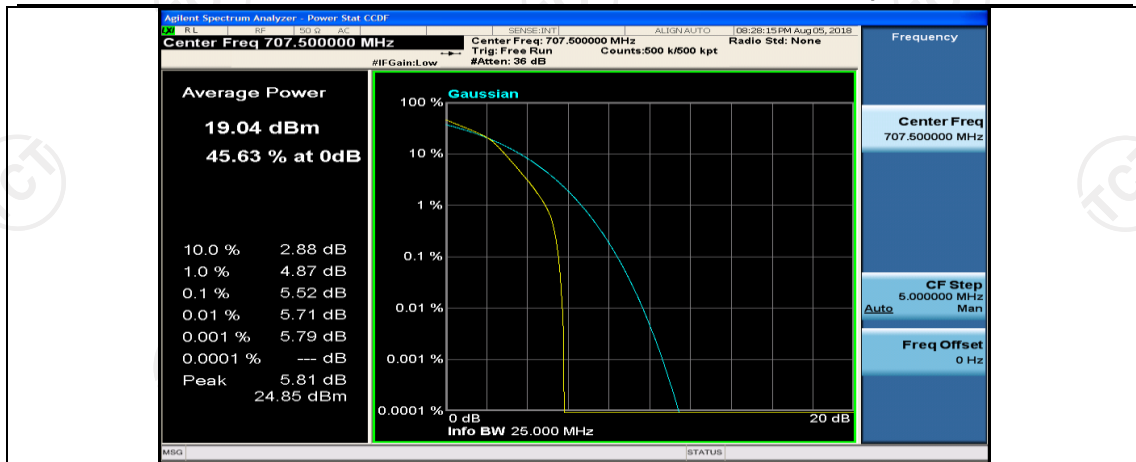


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

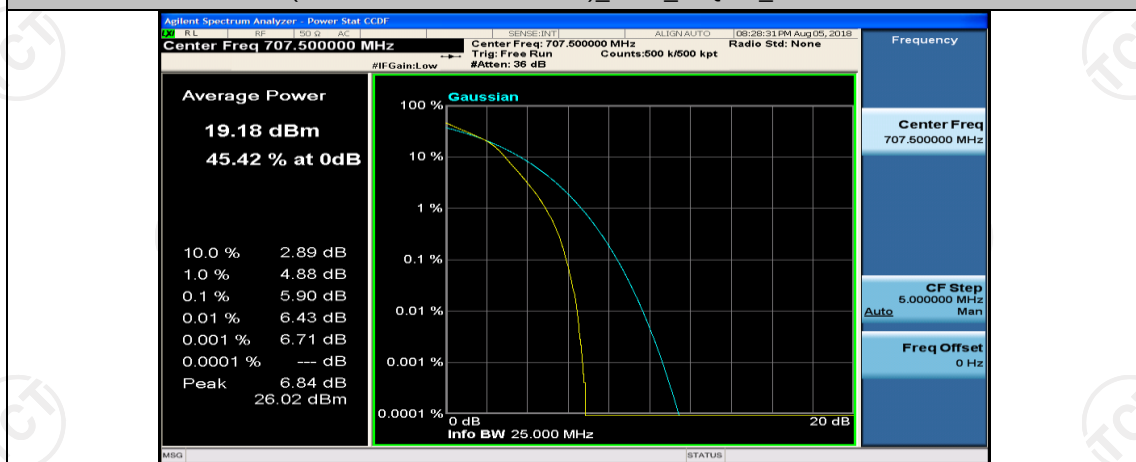


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

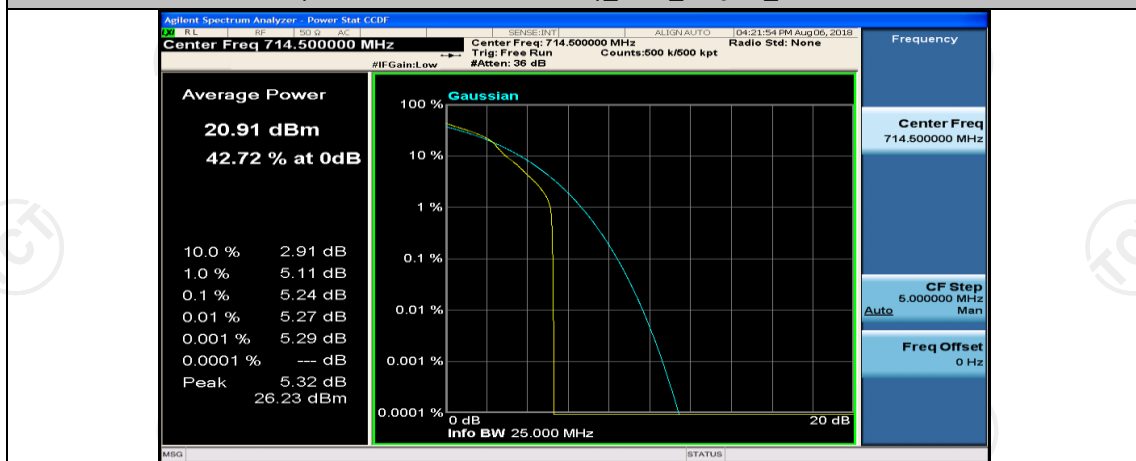




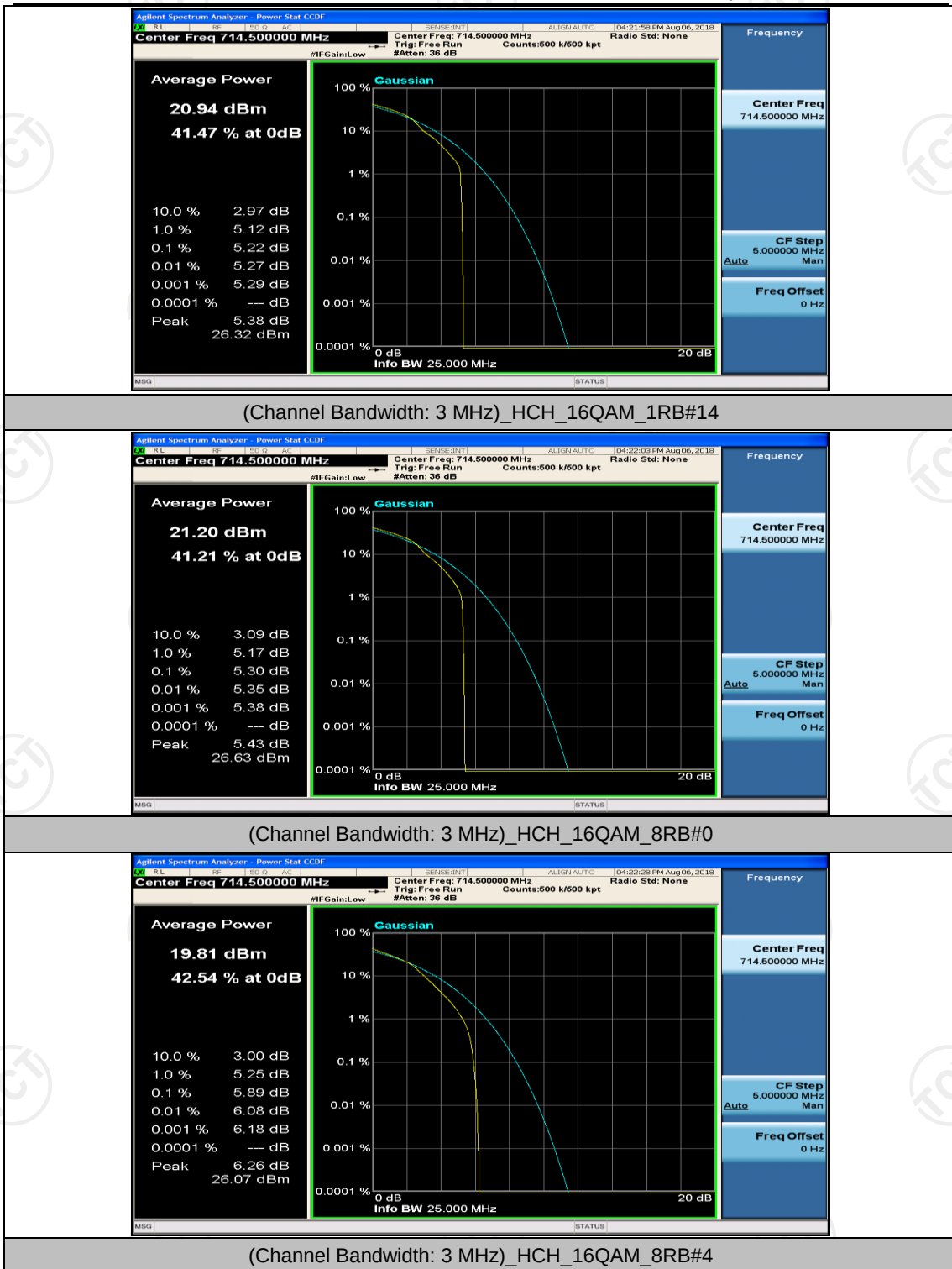
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0

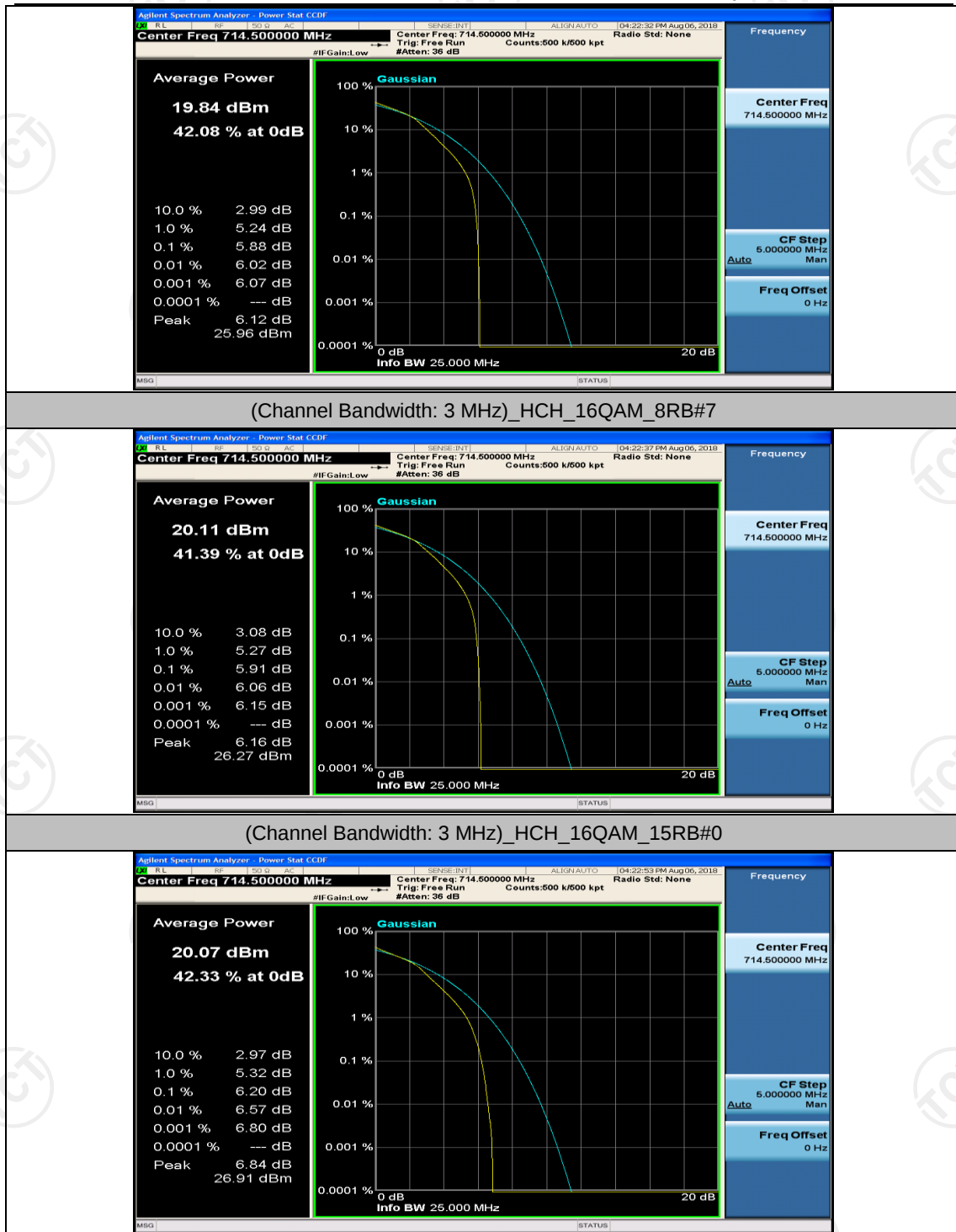


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7





Channel Bandwidth: 5 MHz

