

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.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.97	23.27	PASS
		1	3	24.08	23.38	PASS
		1	5	24.00	23.30	PASS
		3	0	23.88	23.18	PASS
		3	2	23.88	23.18	PASS
		3	3	23.85	23.15	PASS
		6	0	22.95	22.25	PASS
	MCH	1	0	23.89	23.19	PASS
		1	3	23.94	23.24	PASS
		1	5	23.76	23.06	PASS
		3	0	23.83	23.13	PASS
		3	2	23.83	23.13	PASS
		3	3	23.84	23.14	PASS
		6	0	22.97	22.27	PASS
	HCH	1	0	24.17	23.47	PASS
		1	3	24.38	23.68	PASS
		1	5	24.11	23.41	PASS
		3	0	23.97	23.27	PASS
		3	2	23.97	23.27	PASS
		3	3	24.11	23.41	PASS
		6	0	23.04	22.34	PASS
16QAM	LCH	1	0	23.19	22.49	PASS
		1	3	23.42	22.72	PASS
		1	5	23.21	22.51	PASS
		3	0	22.86	22.16	PASS
		3	2	22.86	22.16	PASS
		3	3	22.74	22.04	PASS
		6	0	22.06	21.36	PASS
	MCH	1	0	22.88	22.18	PASS
		1	3	22.98	22.28	PASS
		1	5	22.82	22.12	PASS
		3	0	23.12	22.42	PASS
		3	2	23.12	22.42	PASS

		3	3	23.02	22.32	PASS
		6	0	21.97	21.27	PASS
	HCH	1	0	23.27	22.57	PASS
		1	3	23.47	22.77	PASS
		1	5	23.33	22.63	PASS
		3	0	22.76	22.06	PASS
		3	2	22.76	22.06	PASS
		3	3	22.53	21.83	PASS
		6	0	22.14	21.44	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.69	22.99	PASS
		1	7	23.64	22.94	PASS
		1	14	23.77	23.07	PASS
		8	0	23.03	22.33	PASS
		8	4	23.03	22.33	PASS
		8	7	23.07	22.37	PASS
		15	0	22.99	22.29	PASS
	MCH	1	0	23.94	23.24	PASS
		1	7	23.88	23.18	PASS
		1	14	23.92	23.22	PASS
		8	0	23.12	22.42	PASS
		8	4	23.12	22.42	PASS
		8	7	22.96	22.26	PASS
		15	0	23.05	22.35	PASS
	HCH	1	0	23.83	23.13	PASS
		1	7	23.99	23.29	PASS
		1	14	23.93	23.23	PASS
		8	0	22.96	22.26	PASS
		8	4	22.96	22.26	PASS
		8	7	23.04	22.34	PASS
		15	0	22.95	22.25	PASS
16QAM	LCH	1	0	23.21	22.51	PASS
		1	7	23.02	22.32	PASS
		1	14	23.08	22.38	PASS
		8	0	22.08	21.38	PASS
		8	4	22.08	21.38	PASS
		8	7	22.03	21.33	PASS

	MCH	15	0	21.97	21.27	PASS
		1	0	23.20	22.50	PASS
		1	7	23.18	22.48	PASS
		1	14	23.14	22.44	PASS
		8	0	21.89	21.19	PASS
		8	4	21.89	21.19	PASS
		8	7	21.73	21.03	PASS
		15	0	21.87	21.17	PASS
	HCH	1	0	22.87	22.17	PASS
		1	7	22.91	22.21	PASS
		1	14	22.81	22.11	PASS
		8	0	22.01	21.31	PASS
		8	4	22.02	21.32	PASS
		8	7	22.15	21.45	PASS
		15	0	21.83	21.13	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.64	20.94	PASS
		1	12	22.75	22.05	PASS
		1	24	22.57	21.87	PASS
		12	0	23.00	22.30	PASS
		12	6	22.99	22.29	PASS
		12	13	22.97	22.27	PASS
		25	0	22.96	22.26	PASS
	MCH	1	0	24.13	23.43	PASS
		1	12	24.04	23.34	PASS
		1	24	23.84	23.14	PASS
		12	0	23.00	22.30	PASS
		12	6	22.99	22.29	PASS
		12	13	22.90	22.20	PASS
		25	0	23.01	22.31	PASS
	HCH	1	0	23.92	23.22	PASS
		1	12	23.97	23.27	PASS
		1	24	23.94	23.24	PASS
		12	0	22.96	22.26	PASS
		12	6	22.96	22.26	PASS
		12	13	23.02	22.32	PASS
		25	0	22.93	22.23	PASS

16QAM	LCH	1	0	22.87	22.17	PASS
		1	12	22.90	22.20	PASS
		1	24	23.22	22.52	PASS
		12	0	21.74	21.04	PASS
		12	6	21.67	20.97	PASS
		12	13	21.66	20.96	PASS
		25	0	22.05	21.35	PASS
	MCH	1	0	23.35	22.65	PASS
		1	12	23.02	22.32	PASS
		1	24	22.49	21.79	PASS
		12	0	22.00	21.30	PASS
		12	6	22.01	21.31	PASS
		12	13	21.93	21.23	PASS
		25	0	22.04	21.34	PASS
	HCH	1	0	22.53	21.83	PASS
		1	12	22.46	21.76	PASS
		1	24	22.47	21.77	PASS
		12	0	21.91	21.21	PASS
		12	6	21.91	21.21	PASS
		12	13	21.98	21.28	PASS
		25	0	22.01	21.31	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.78	23.08	PASS
		1	24	23.96	23.26	PASS
		1	49	23.79	23.09	PASS
		25	0	22.96	22.26	PASS
		25	12	22.95	22.25	PASS
		25	25	23.17	22.47	PASS
		50	0	23.03	22.33	PASS
	MCH	1	0	23.92	23.22	PASS
		1	24	24.02	23.32	PASS
		1	49	23.76	23.06	PASS
		25	0	23.06	22.36	PASS
		25	12	23.06	22.36	PASS
		25	25	22.89	22.19	PASS
		50	0	22.97	22.27	PASS
	HCH	1	0	23.83	23.13	PASS

		1	24	24.04	23.34	PASS
		1	49	24.17	23.47	PASS
		25	0	23.03	22.33	PASS
		25	12	23.03	22.33	PASS
		25	25	23.02	22.32	PASS
		50	0	23.08	22.38	PASS
16QAM	LCH	1	0	22.77	22.07	PASS
		1	24	22.98	22.28	PASS
		1	49	22.78	22.08	PASS
		25	0	22.12	21.42	PASS
		25	12	22.12	21.42	PASS
		25	25	22.26	21.56	PASS
		50	0	21.99	21.29	PASS
	MCH	1	0	22.95	22.25	PASS
		1	24	23.11	22.41	PASS
		1	49	22.80	22.10	PASS
		25	0	22.09	21.39	PASS
		25	12	21.99	21.29	PASS
		25	25	21.85	21.15	PASS
		50	0	22.01	21.31	PASS
	HCH	1	0	23.15	22.45	PASS
		1	24	23.18	22.48	PASS
		1	49	23.13	22.43	PASS
		25	0	22.13	21.43	PASS
		25	12	22.13	21.43	PASS
		25	25	22.11	21.41	PASS
		50	0	22.14	21.44	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	4.23	<13	PASS
		1	3	4.09	<13	PASS
		1	5	4.18	<13	PASS
		3	0	4.45	<13	PASS
		3	2	4.45	<13	PASS
		3	3	4.43	<13	PASS
		6	0	4.97	<13	PASS
	MCH	1	0	4.64	<13	PASS
		1	3	4.51	<13	PASS
		1	5	4.60	<13	PASS
		3	0	4.84	<13	PASS
		3	2	4.83	<13	PASS
		3	3	4.80	<13	PASS
		6	0	5.28	<13	PASS
	HCH	1	0	4.37	<13	PASS
		1	3	4.29	<13	PASS
		1	5	4.40	<13	PASS
		3	0	4.56	<13	PASS
		3	2	4.57	<13	PASS
		3	3	4.60	<13	PASS
		6	0	5.09	<13	PASS
16QAM	LCH	1	0	5.11	<13	PASS
		1	3	5.02	<13	PASS
		1	5	5.14	<13	PASS
		3	0	5.35	<13	PASS
		3	2	5.34	<13	PASS
		3	3	5.35	<13	PASS
		6	0	5.85	<13	PASS
	MCH	1	0	5.56	<13	PASS
		1	3	5.33	<13	PASS
		1	5	5.46	<13	PASS
		3	0	5.75	<13	PASS

		3	2	5.73	<13	PASS
		3	3	5.67	<13	PASS
		6	0	6.14	<13	PASS
	HCH	1	0	5.25	<13	PASS
		1	3	5.14	<13	PASS
		1	5	5.43	<13	PASS
		3	0	5.51	<13	PASS
		3	2	5.50	<13	PASS
		3	3	5.54	<13	PASS
		6	0	5.94	<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	4.31	<13	PASS
		1	7	4.15	<13	PASS
		1	14	4.29	<13	PASS
		8	0	4.82	<13	PASS
		8	4	4.80	<13	PASS
		8	7	4.80	<13	PASS
		15	0	5.02	<13	PASS
	MCH	1	0	4.65	<13	PASS
		1	7	4.47	<13	PASS
		1	14	4.52	<13	PASS
		8	0	5.06	<13	PASS
		8	4	5.06	<13	PASS
		8	7	5.05	<13	PASS
		15	0	5.31	<13	PASS
	HCH	1	0	4.24	<13	PASS
		1	7	4.26	<13	PASS
		1	14	4.43	<13	PASS
		8	0	4.80	<13	PASS
		8	4	4.83	<13	PASS
		8	7	4.89	<13	PASS
		15	0	5.10	<13	PASS
16QAM	LCH	1	0	5.21	<13	PASS
		1	7	5.11	<13	PASS
		1	14	5.31	<13	PASS
		8	0	5.75	<13	PASS
		8	4	5.69	<13	PASS

		8	7	5.67	<13	PASS
		15	0	5.87	<13	PASS
	MCH	1	0	5.49	<13	PASS
		1	7	5.33	<13	PASS
		1	14	5.45	<13	PASS
		8	0	5.93	<13	PASS
		8	4	5.90	<13	PASS
		8	7	5.92	<13	PASS
		15	0	6.18	<13	PASS
	HCH	1	0	5.14	<13	PASS
		1	7	5.15	<13	PASS
		1	14	5.34	<13	PASS
		8	0	5.65	<13	PASS
		8	4	5.65	<13	PASS
		8	7	5.74	<13	PASS
		15	0	5.97	<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	4.32	<13	PASS
		1	12	4.26	<13	PASS
		1	24	4.39	<13	PASS
		12	0	4.81	<13	PASS
		12	6	4.81	<13	PASS
		12	13	4.82	<13	PASS
		25	0	5.05	<13	PASS
	MCH	1	0	4.63	<13	PASS
		1	12	4.54	<13	PASS
		1	24	4.46	<13	PASS
		12	0	4.98	<13	PASS
		12	6	4.98	<13	PASS
		12	13	4.93	<13	PASS
		25	0	5.27	<13	PASS
	HCH	1	0	3.91	<13	PASS
		1	12	4.16	<13	PASS
		1	24	4.41	<13	PASS
		12	0	4.60	<13	PASS
		12	6	4.60	<13	PASS
		12	13	4.84	<13	PASS

		25	0	4.97	<13	PASS
16QAM	LCH	1	0	5.10	<13	PASS
		1	12	5.12	<13	PASS
		1	24	5.23	<13	PASS
		12	0	5.67	<13	PASS
		12	6	5.67	<13	PASS
		12	13	5.71	<13	PASS
		25	0	5.89	<13	PASS
	MCH	1	0	5.54	<13	PASS
		1	12	5.55	<13	PASS
		1	24	5.50	<13	PASS
		12	0	5.93	<13	PASS
		12	6	5.93	<13	PASS
		12	13	5.89	<13	PASS
		25	0	6.08	<13	PASS
	HCH	1	0	4.76	<13	PASS
		1	12	5.00	<13	PASS
		1	24	5.22	<13	PASS
		12	0	5.47	<13	PASS
		12	6	5.46	<13	PASS
		12	13	5.71	<13	PASS
		25	0	5.77	<13	PASS

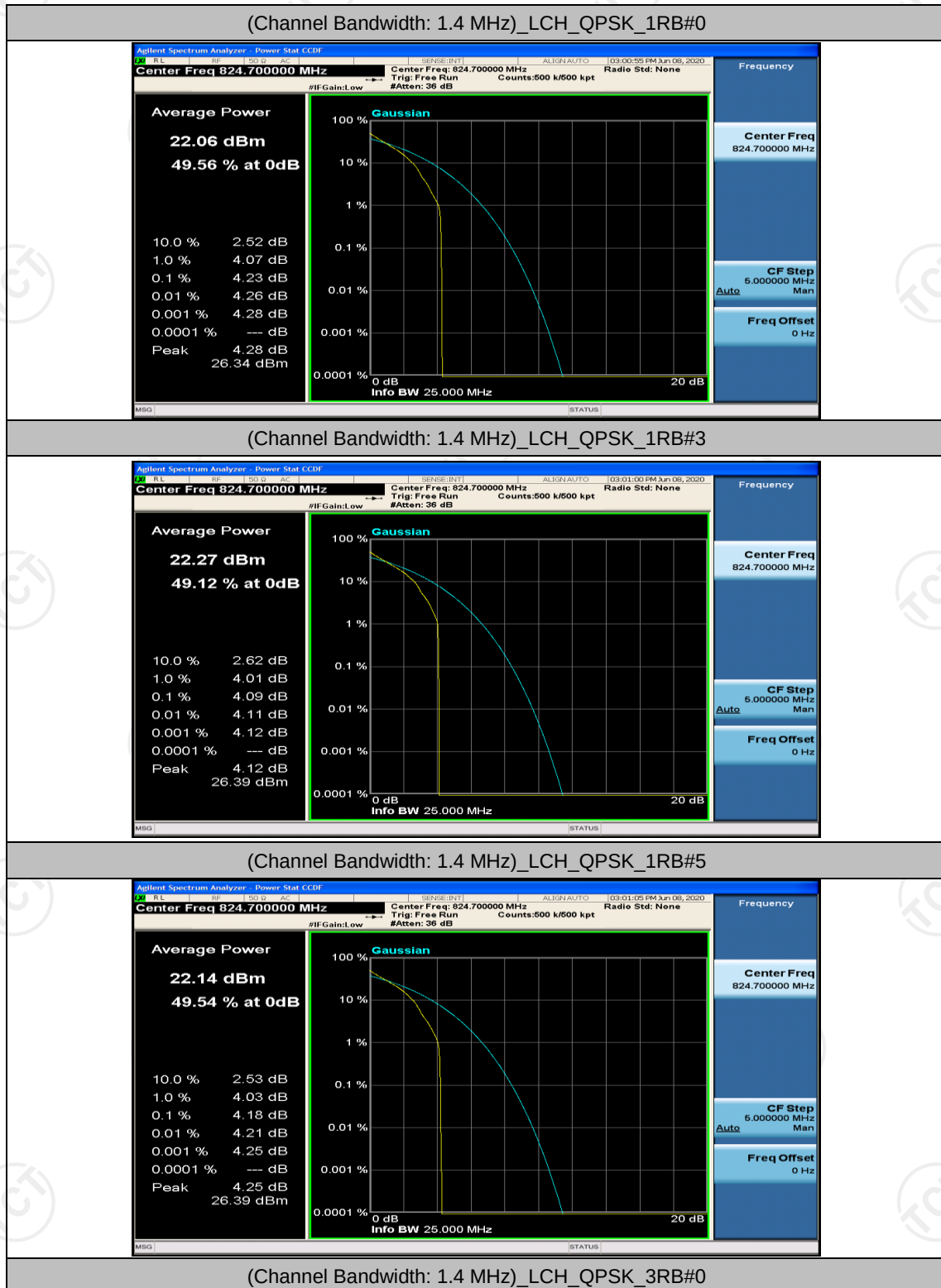
Channel Bandwidth: 10 MHz

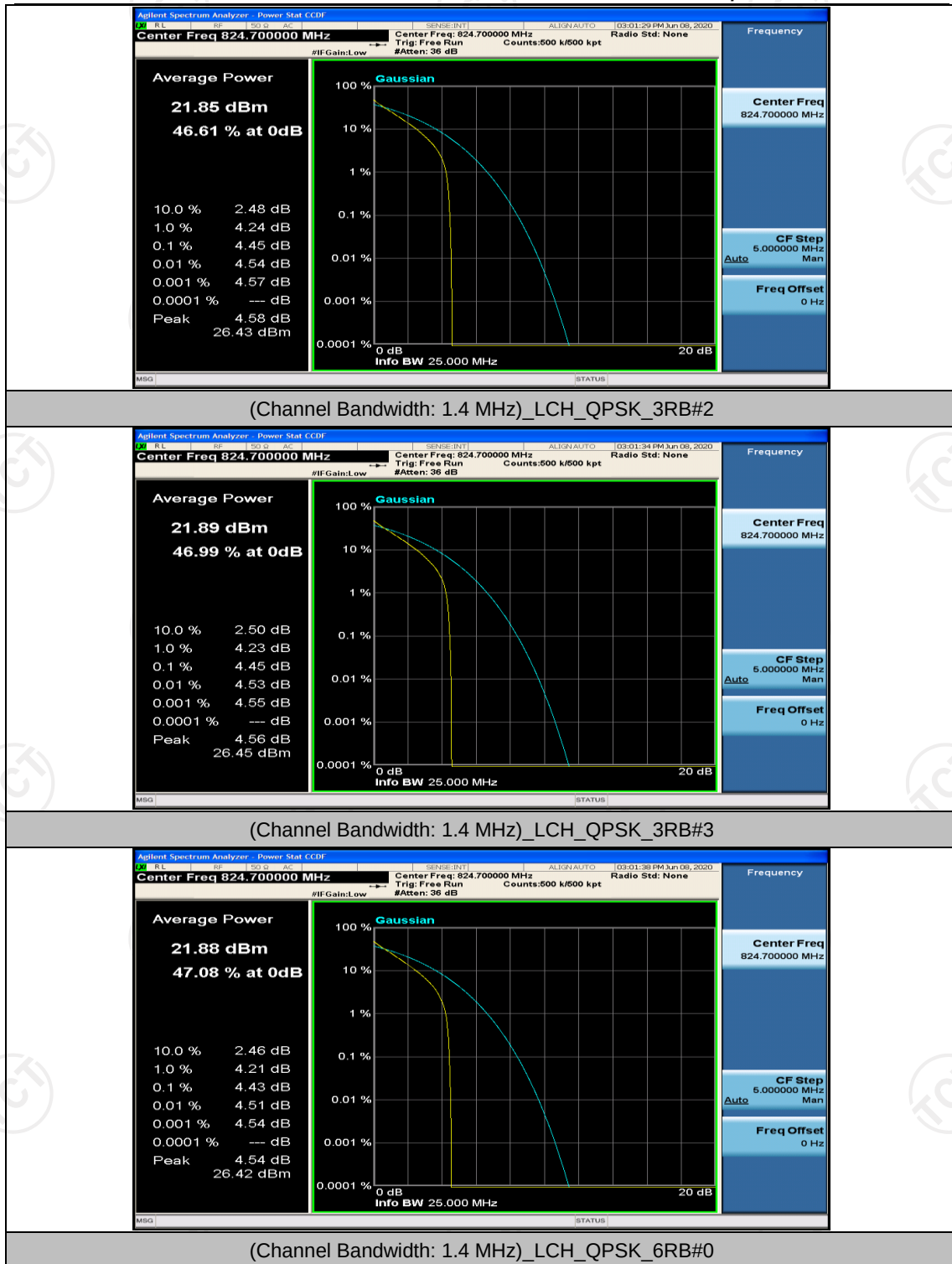
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.37	<13	PASS
		1	24	4.39	<13	PASS
		1	49	4.66	<13	PASS
		25	0	4.82	<13	PASS
		25	12	4.83	<13	PASS
		25	25	4.99	<13	PASS
		50	0	5.22	<13	PASS
	MCH	1	0	4.58	<13	PASS
		1	24	4.54	<13	PASS
		1	49	4.14	<13	PASS
		25	0	5.01	<13	PASS
		25	12	5.00	<13	PASS
		25	25	4.86	<13	PASS
		50	0	5.21	<13	PASS

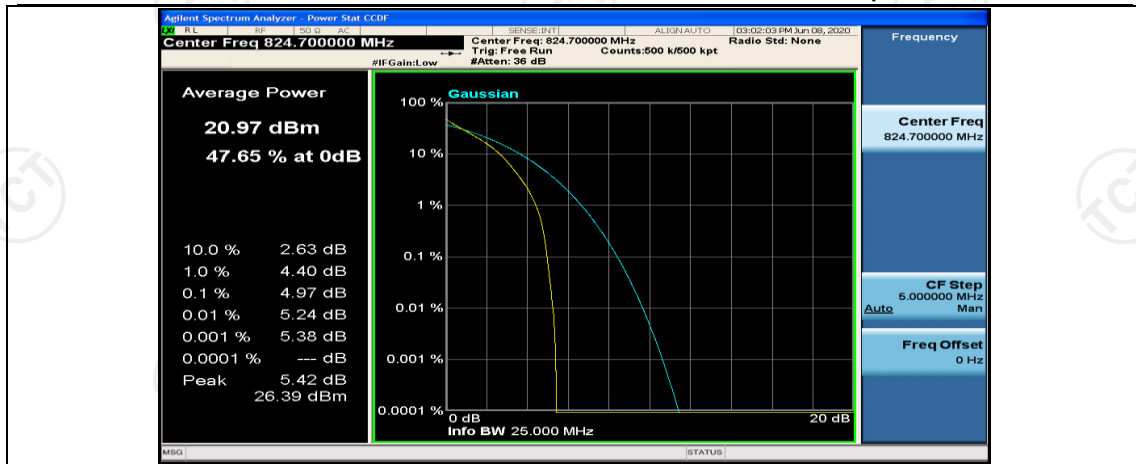
	HCH	1	0	4.29	<13	PASS
		1	24	3.81	<13	PASS
		1	49	4.35	<13	PASS
		25	0	4.62	<13	PASS
		25	12	4.62	<13	PASS
		25	25	4.72	<13	PASS
		50	0	5.00	<13	PASS
16QAM	LCH	1	0	5.26	<13	PASS
		1	24	5.28	<13	PASS
		1	49	5.58	<13	PASS
		25	0	5.73	<13	PASS
		25	12	5.72	<13	PASS
		25	25	5.87	<13	PASS
		50	0	6.01	<13	PASS
	MCH	1	0	5.44	<13	PASS
		1	24	5.35	<13	PASS
		1	49	4.98	<13	PASS
		25	0	5.92	<13	PASS
		25	12	5.89	<13	PASS
		25	25	5.76	<13	PASS
		50	0	6.01	<13	PASS
	HCH	1	0	5.05	<13	PASS
		1	24	4.59	<13	PASS
		1	49	5.26	<13	PASS
		25	0	5.54	<13	PASS
		25	12	5.56	<13	PASS
		25	25	5.58	<13	PASS
		50	0	5.77	<13	PASS

Test Graphs

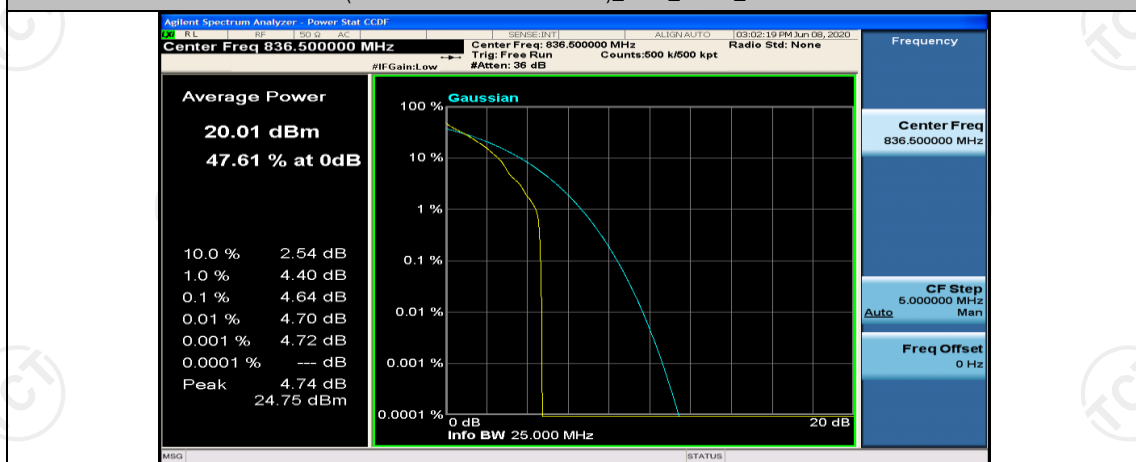
Channel Bandwidth: 1.4 MHz



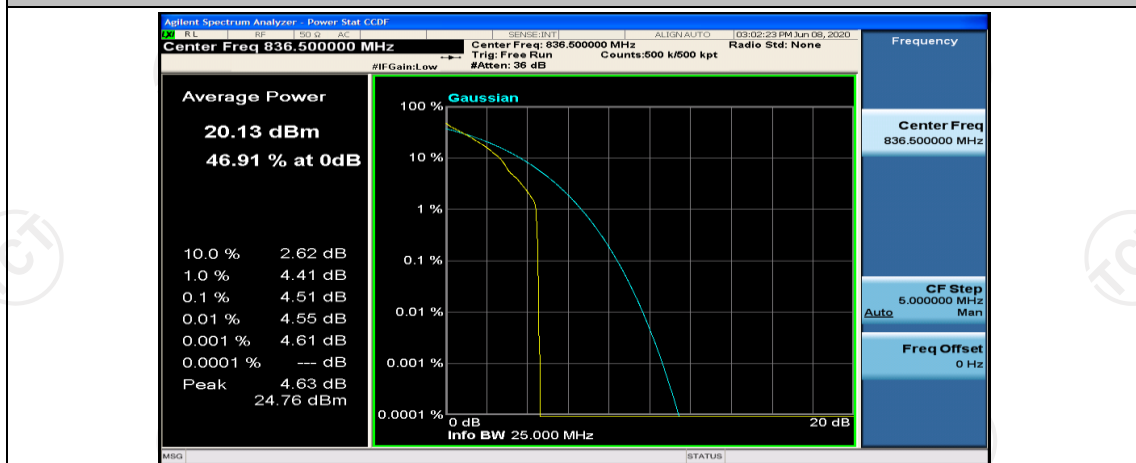




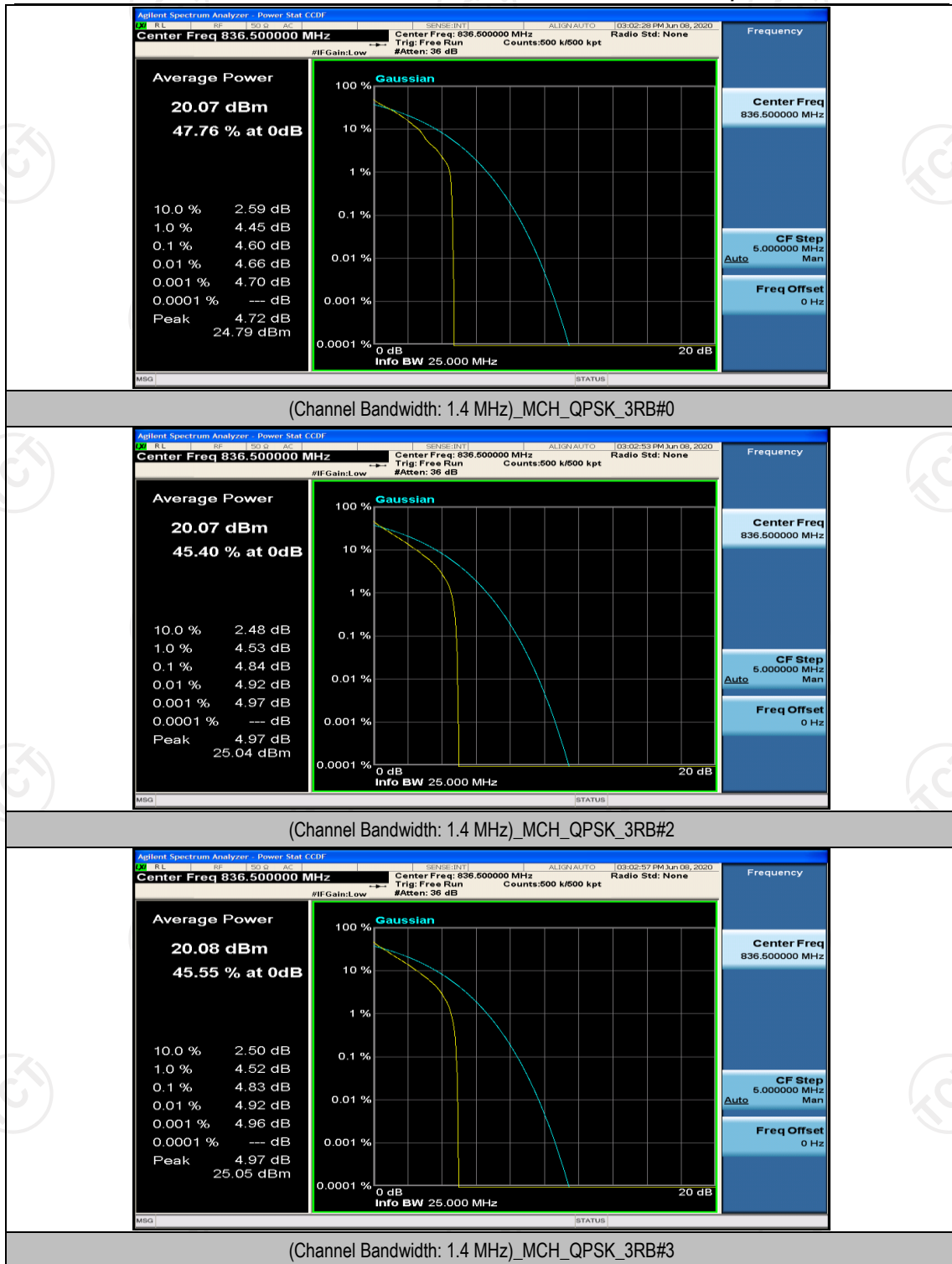
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

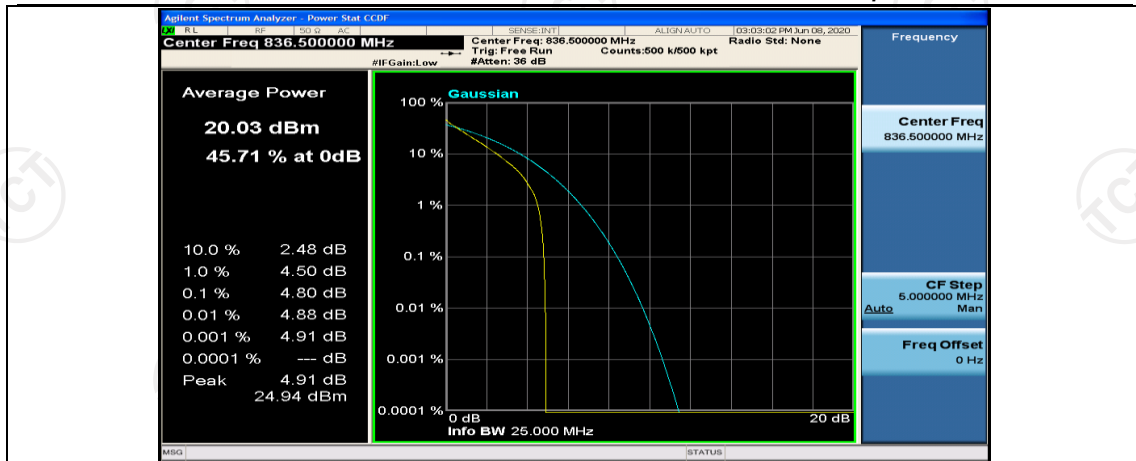


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

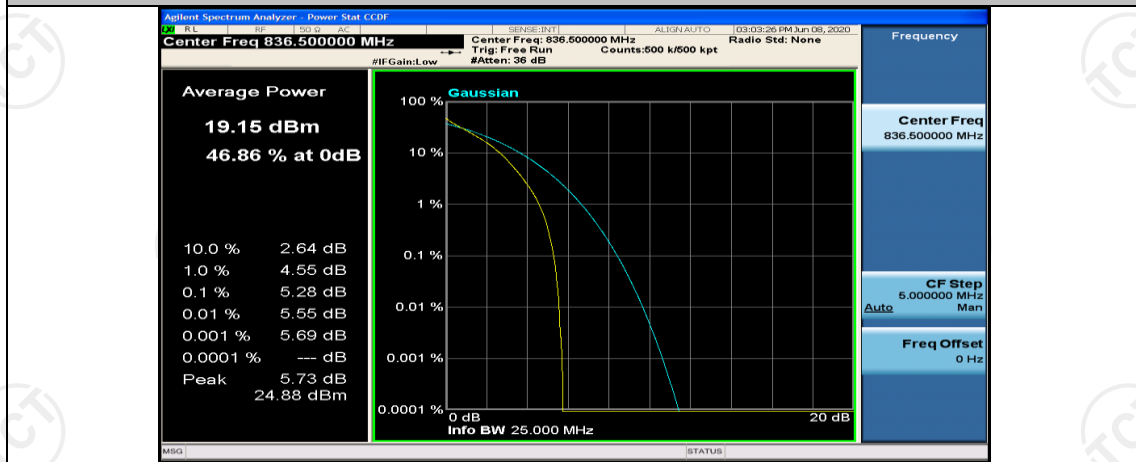


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

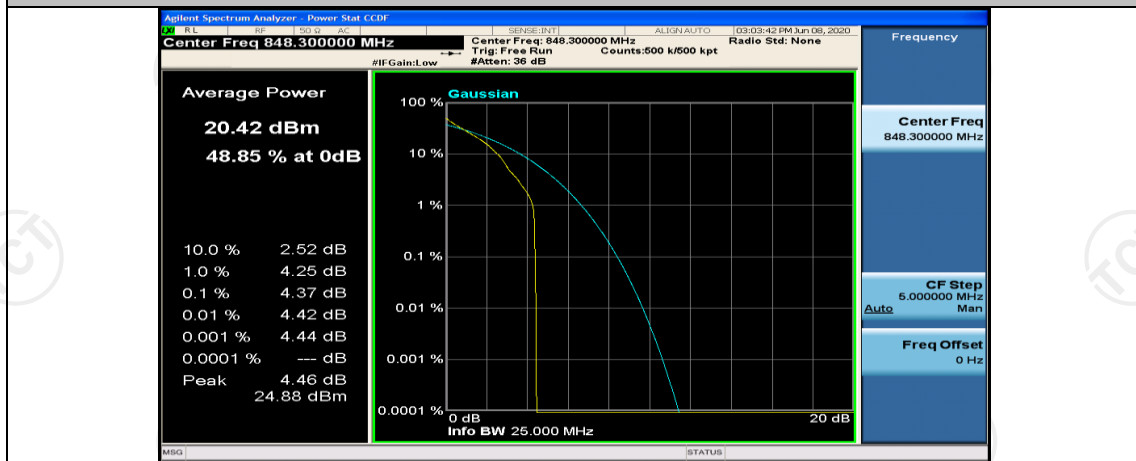




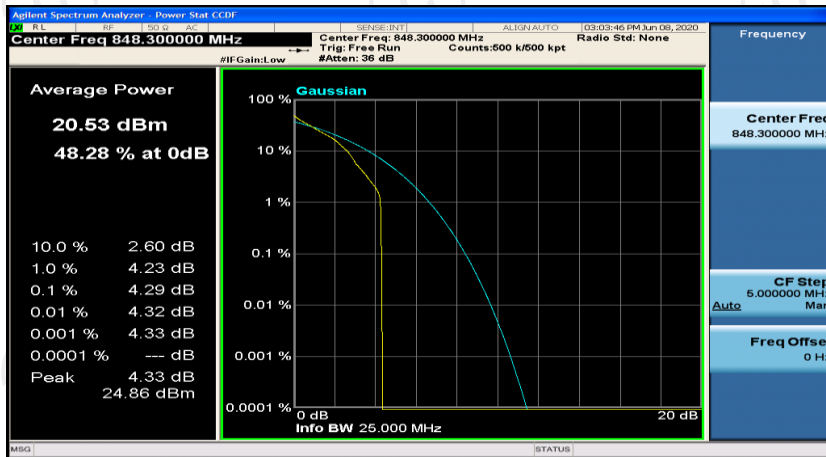
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



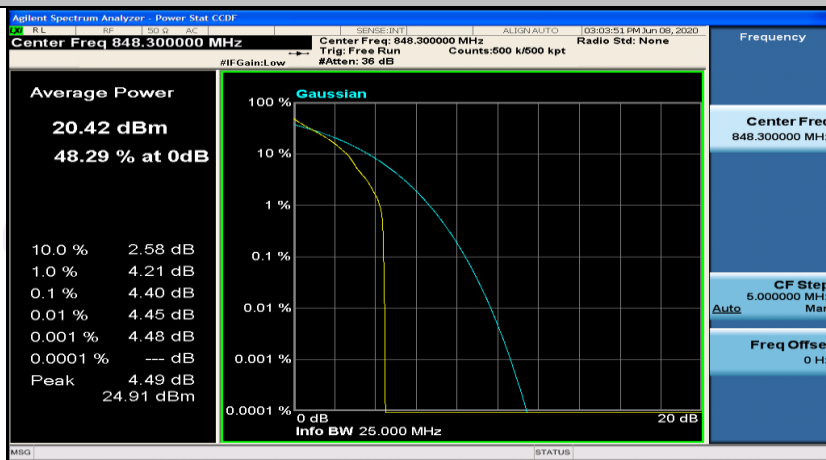
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



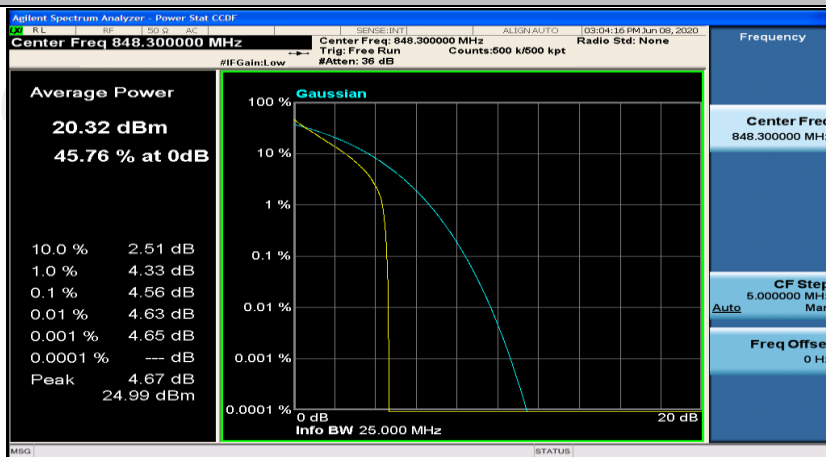
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



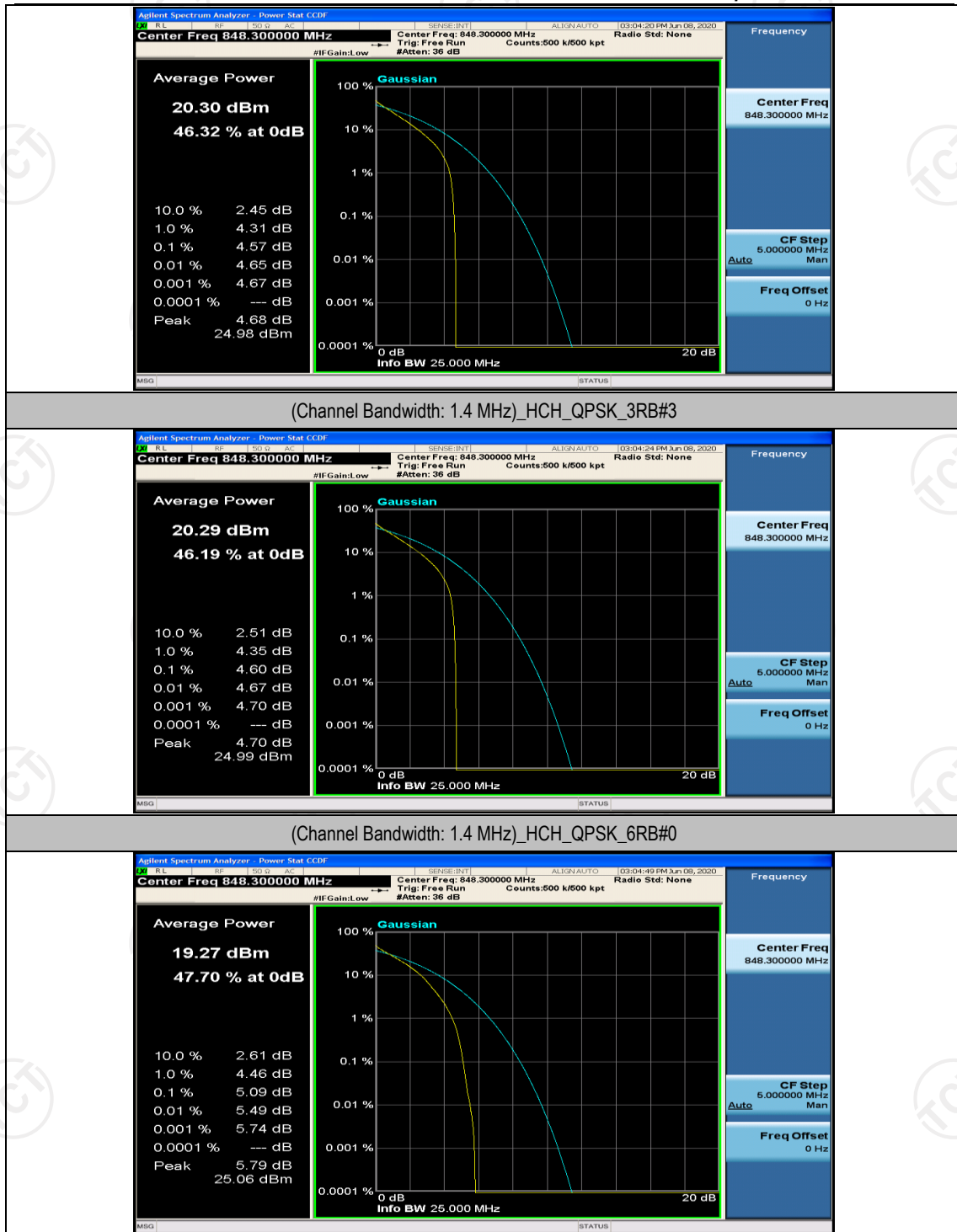
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



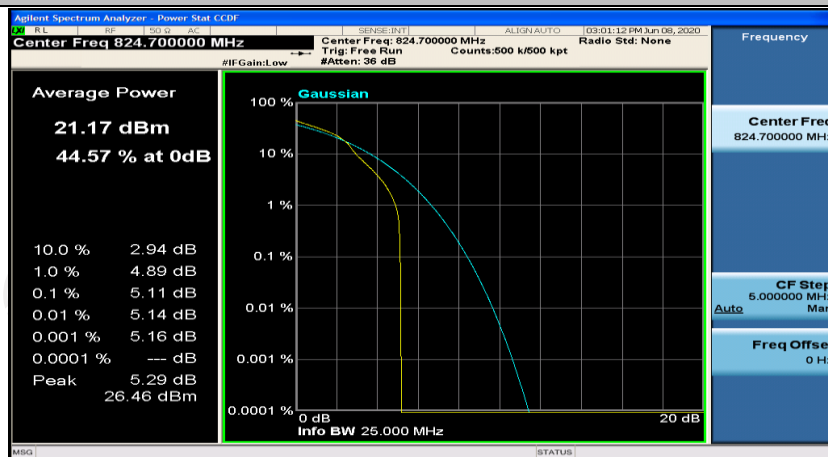
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



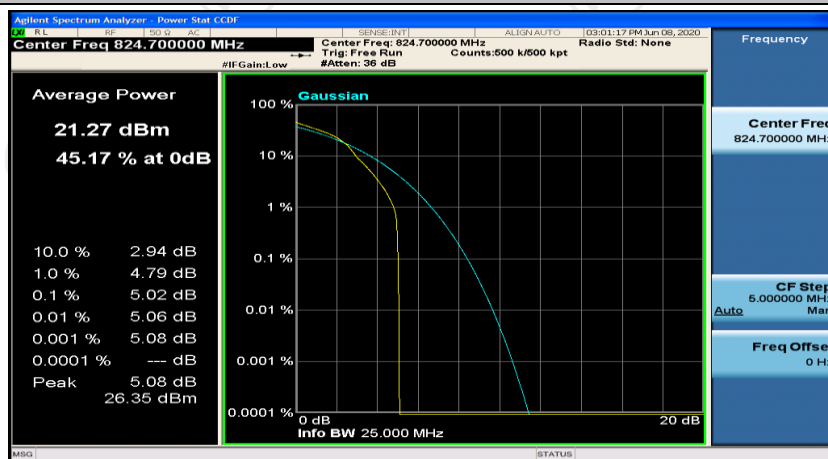
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



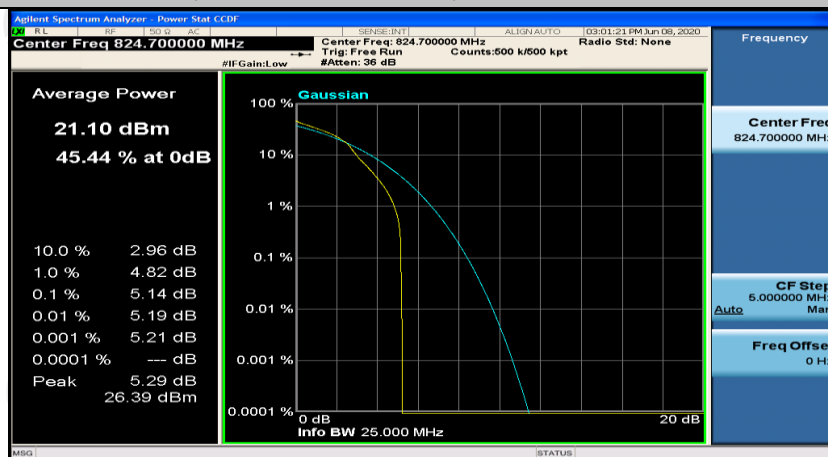
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



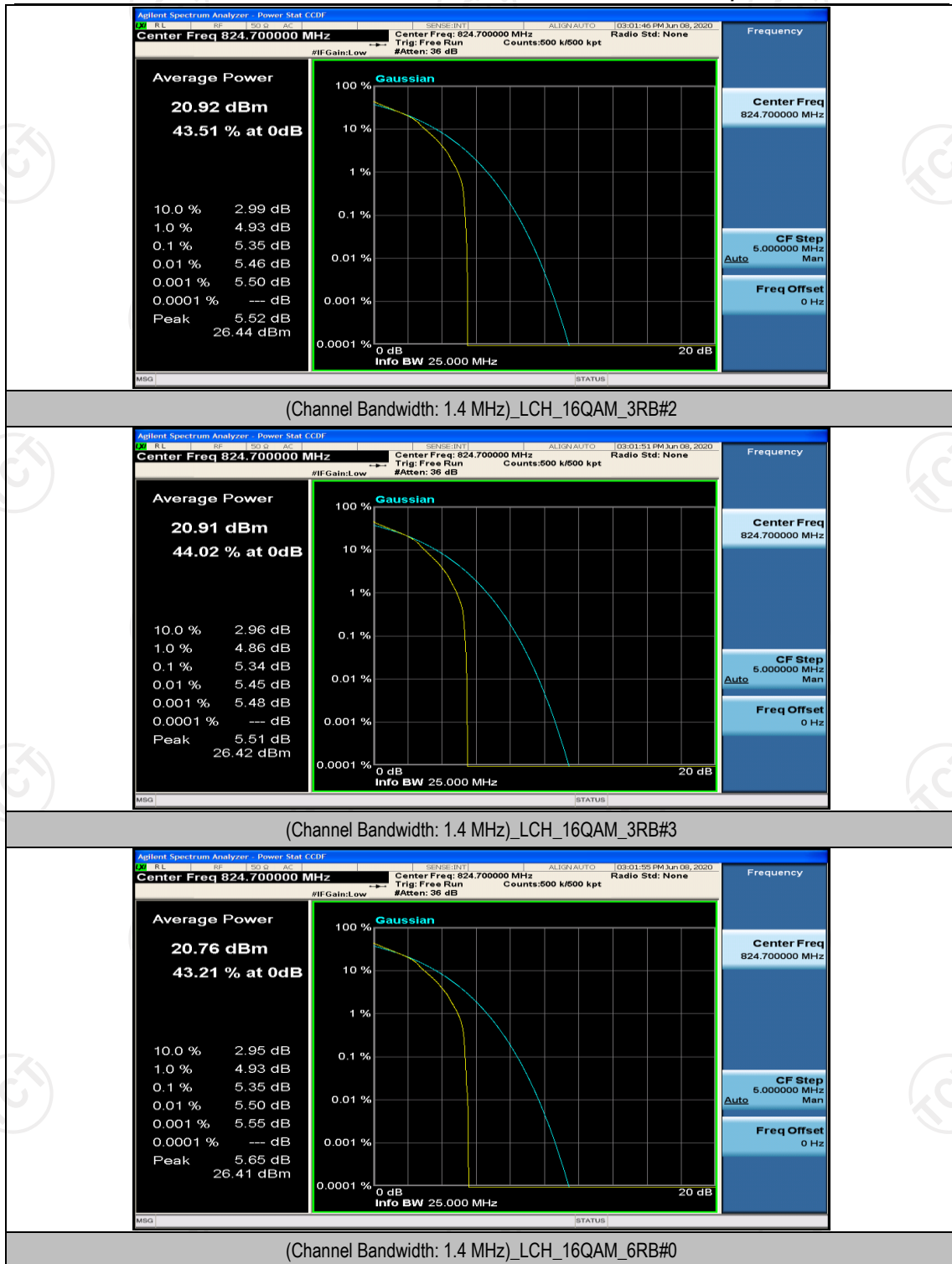
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3

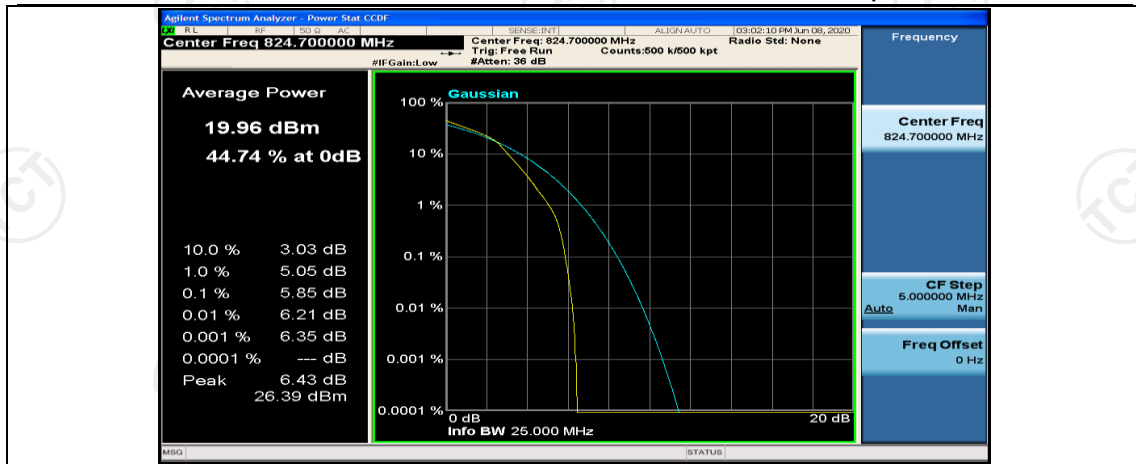


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5

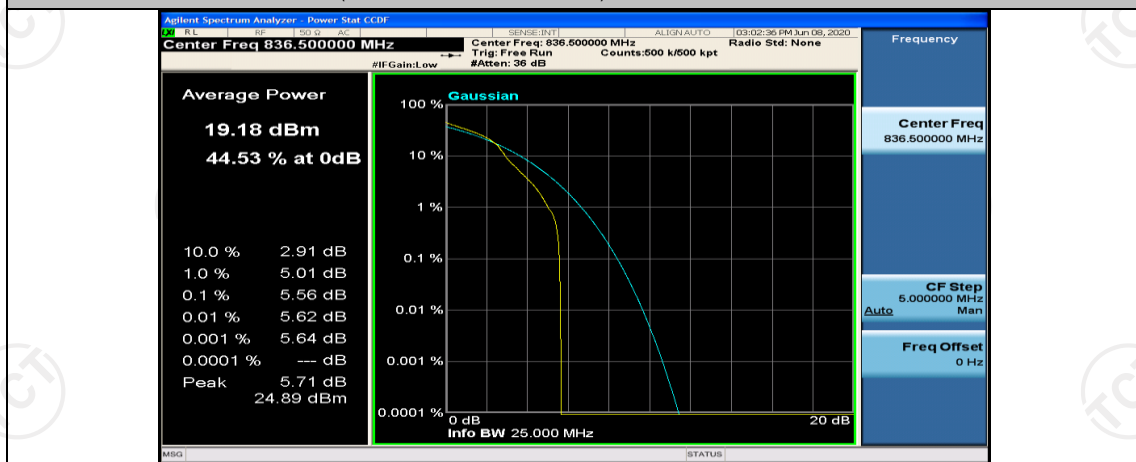


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0

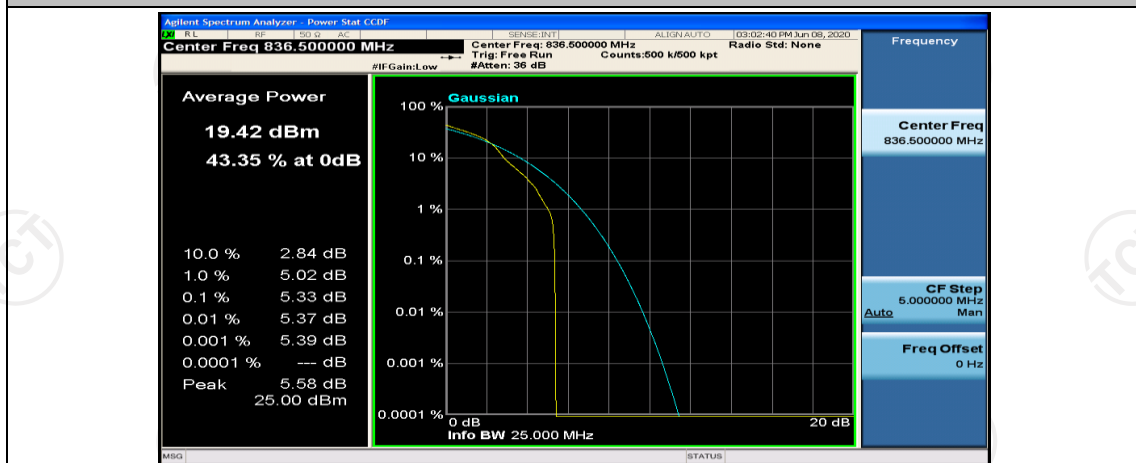




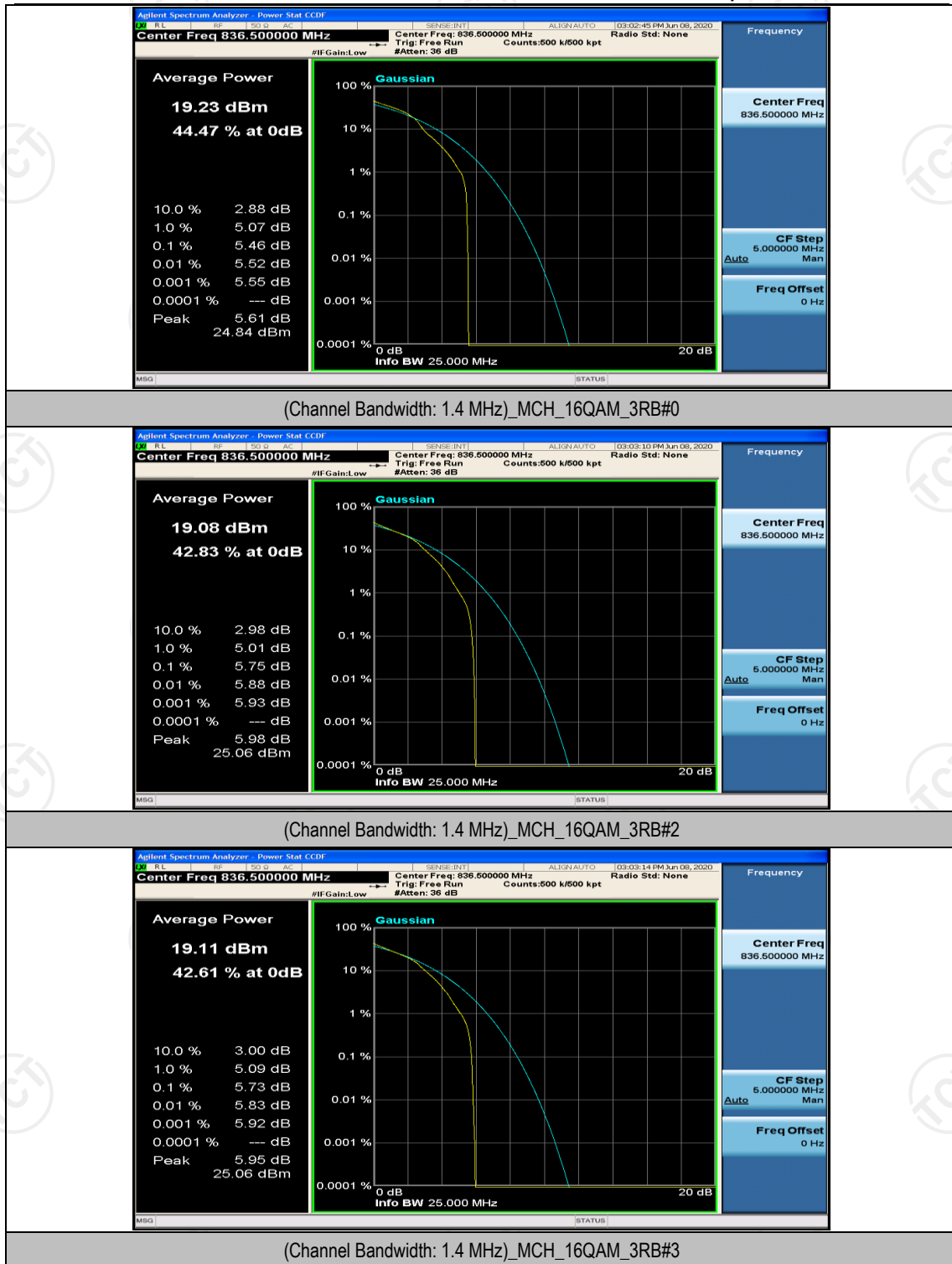
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

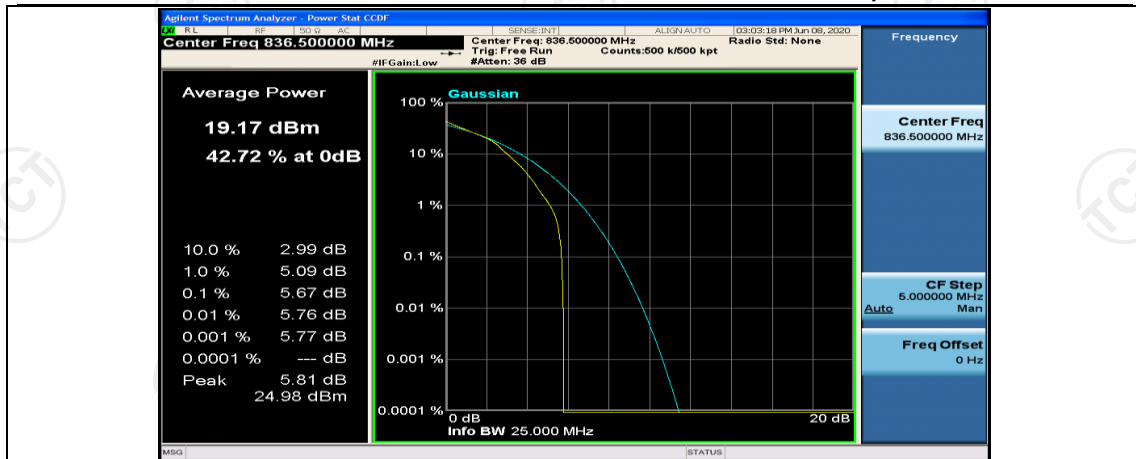


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

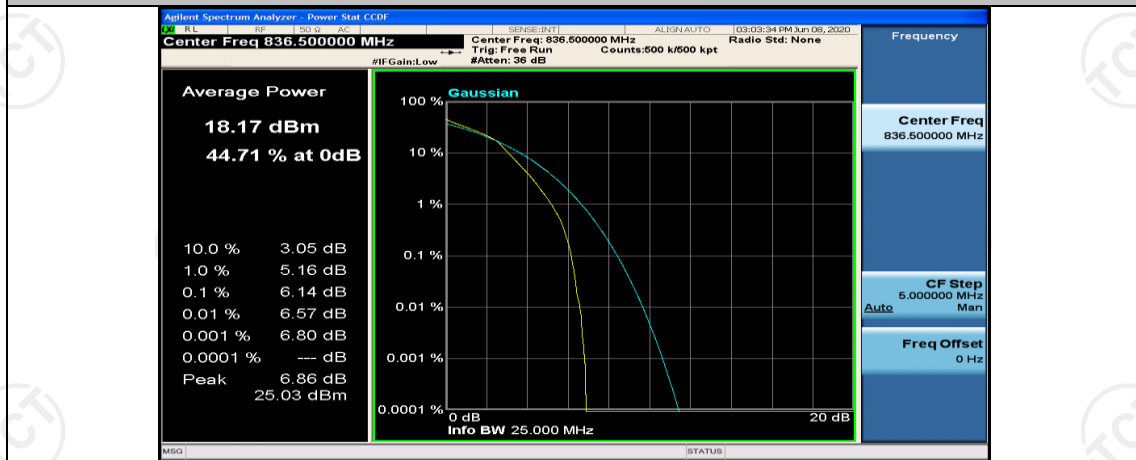


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5

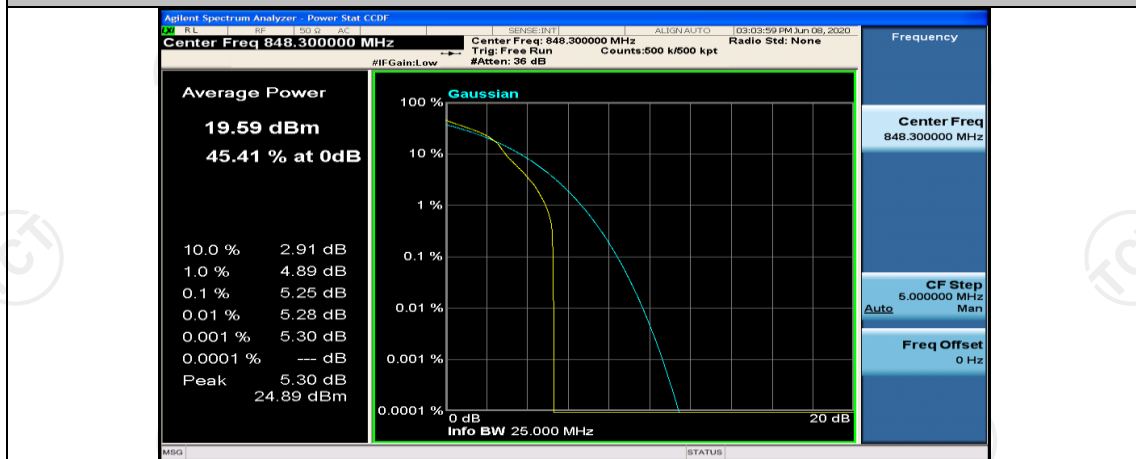




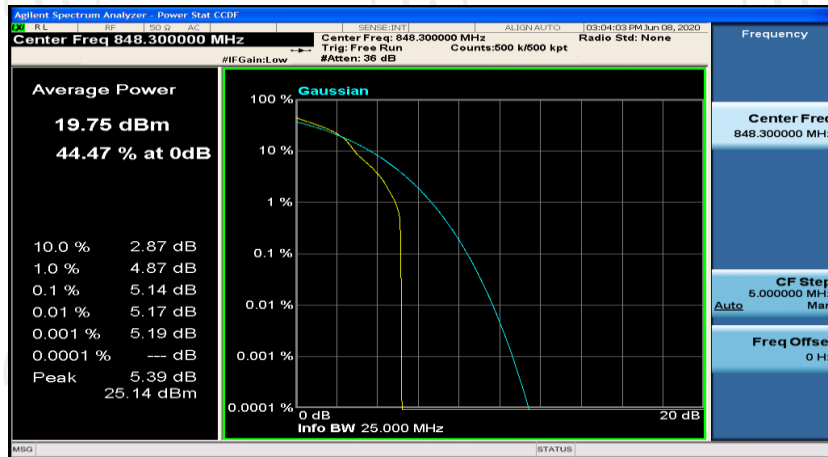
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



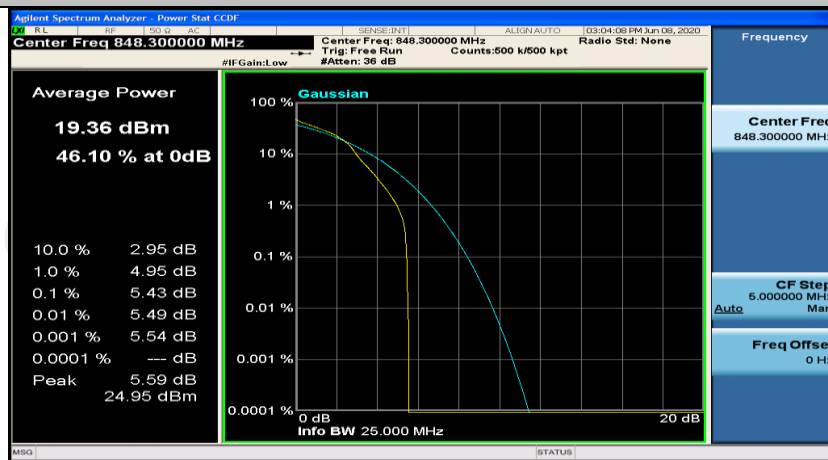
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



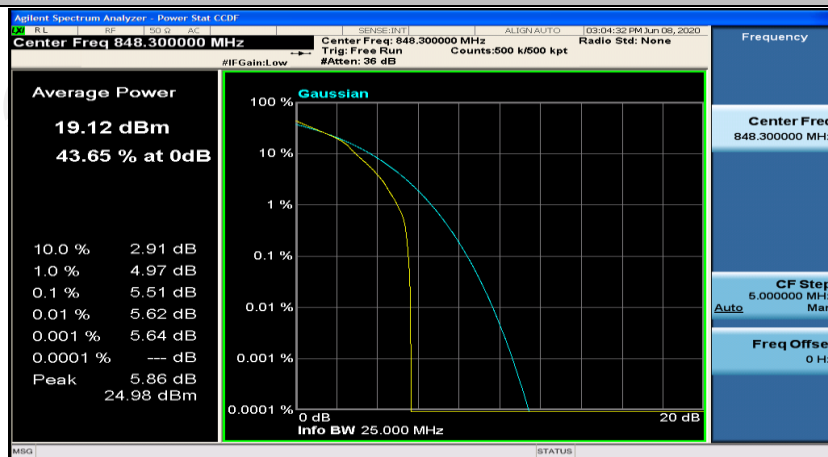
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



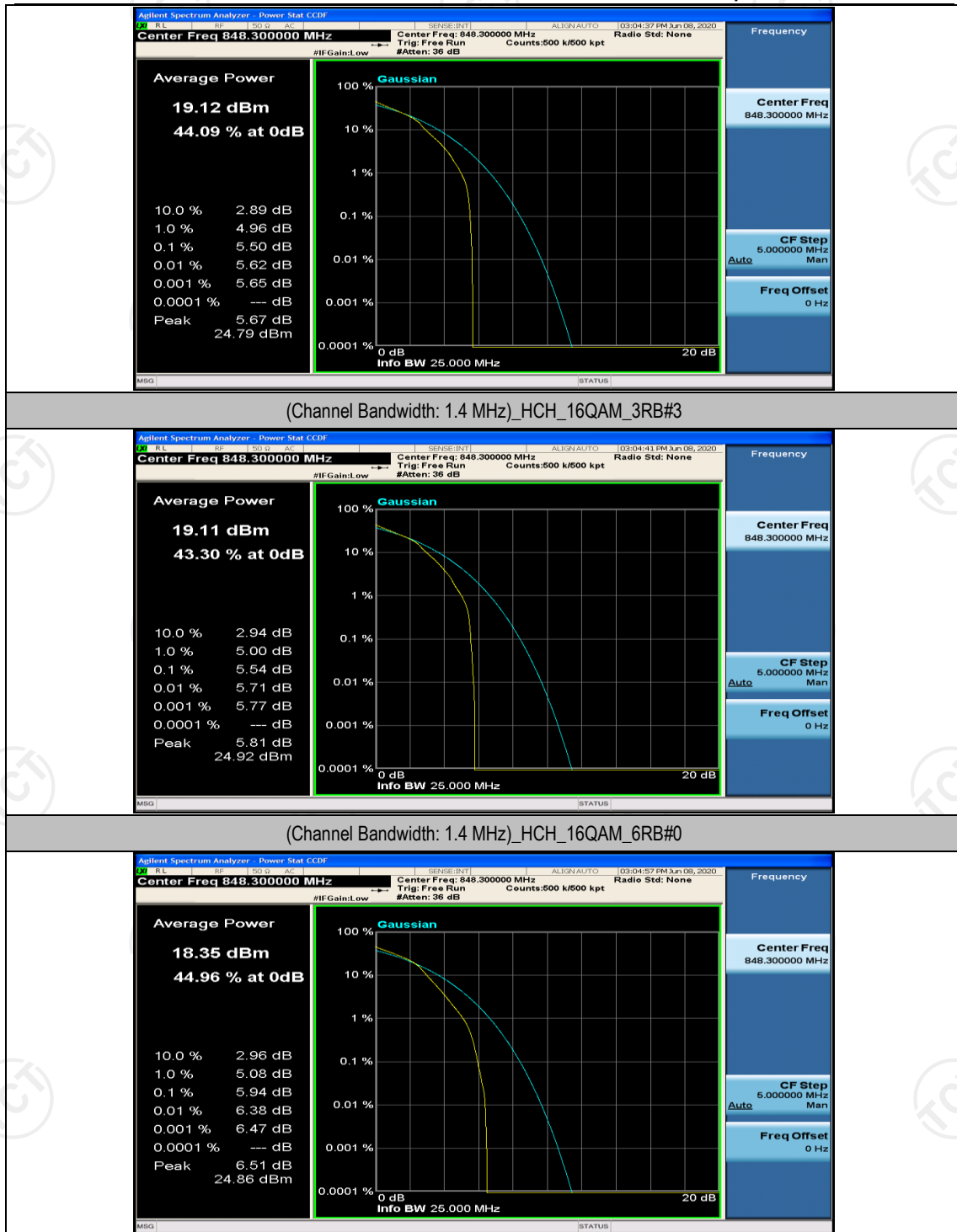
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0

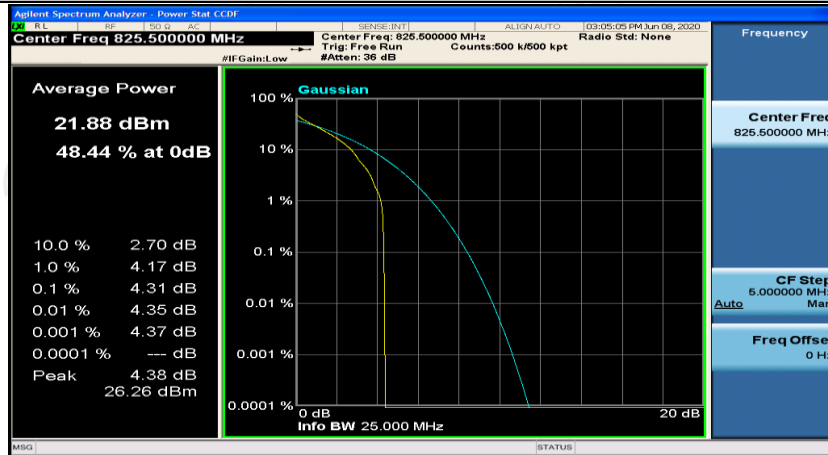


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2

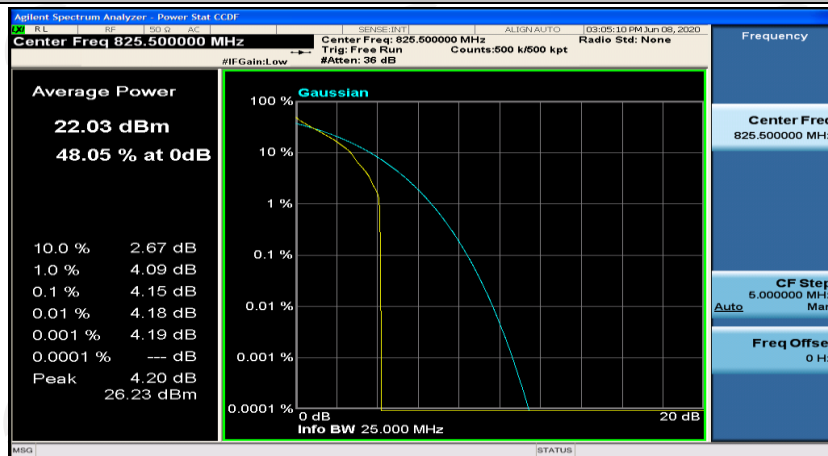


Channel Bandwidth: 3 MHz

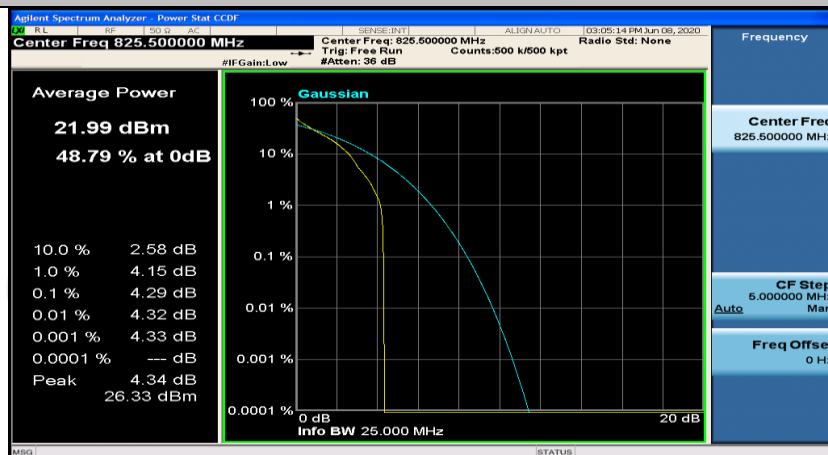
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



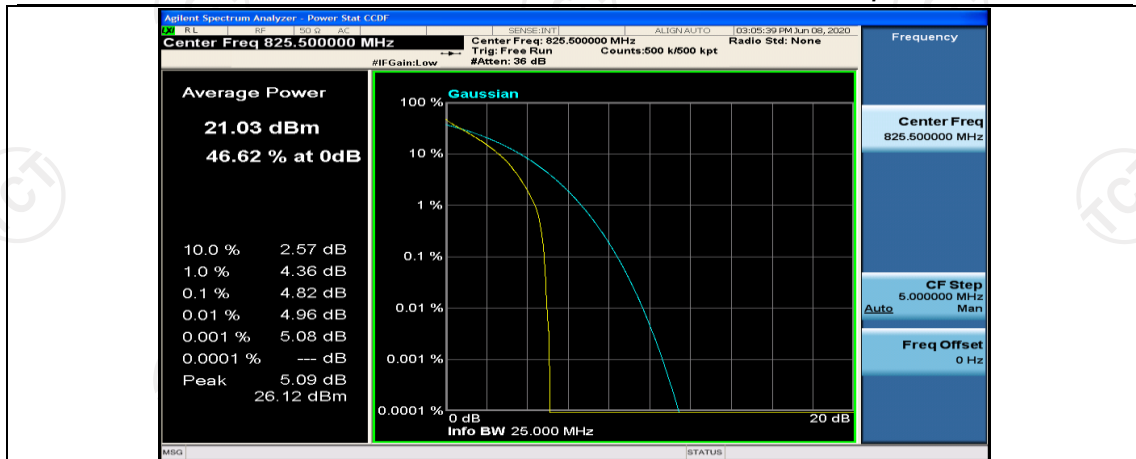
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



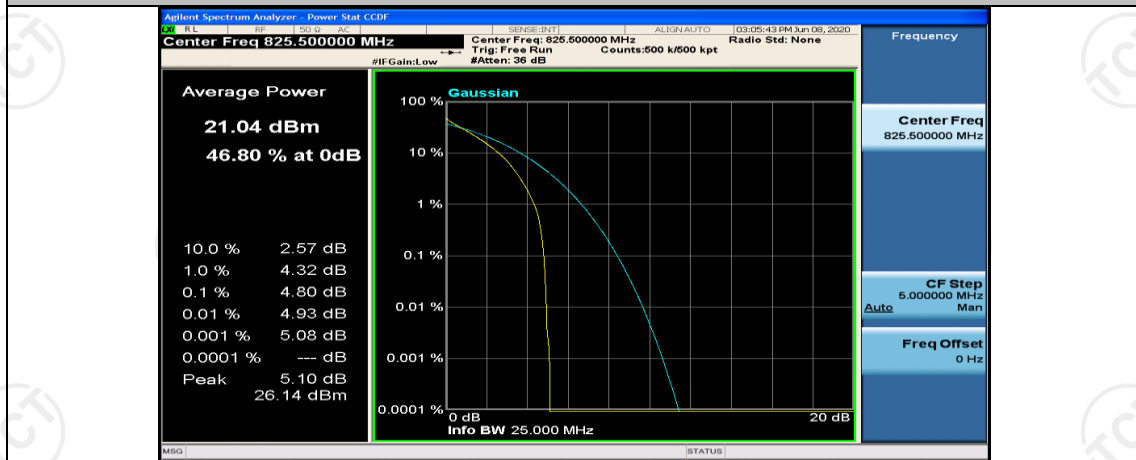
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



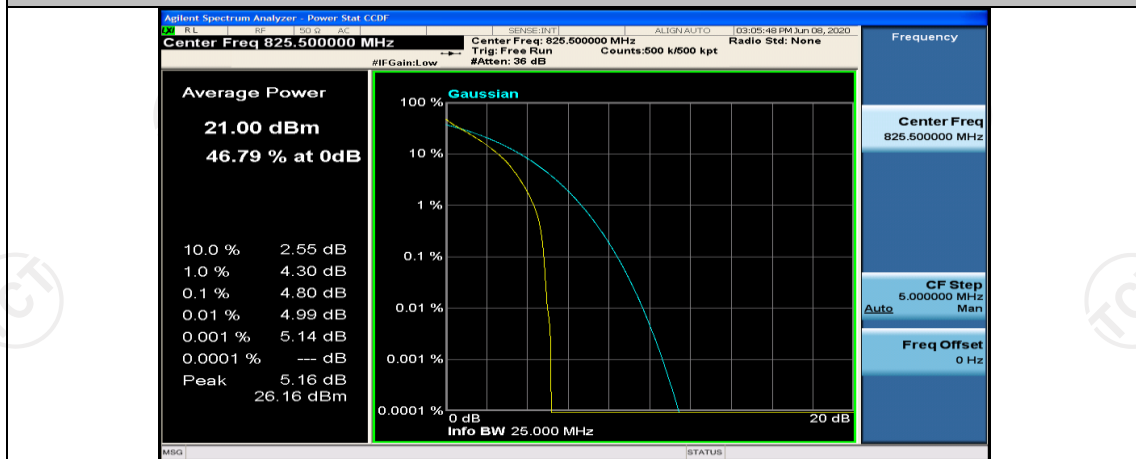
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0



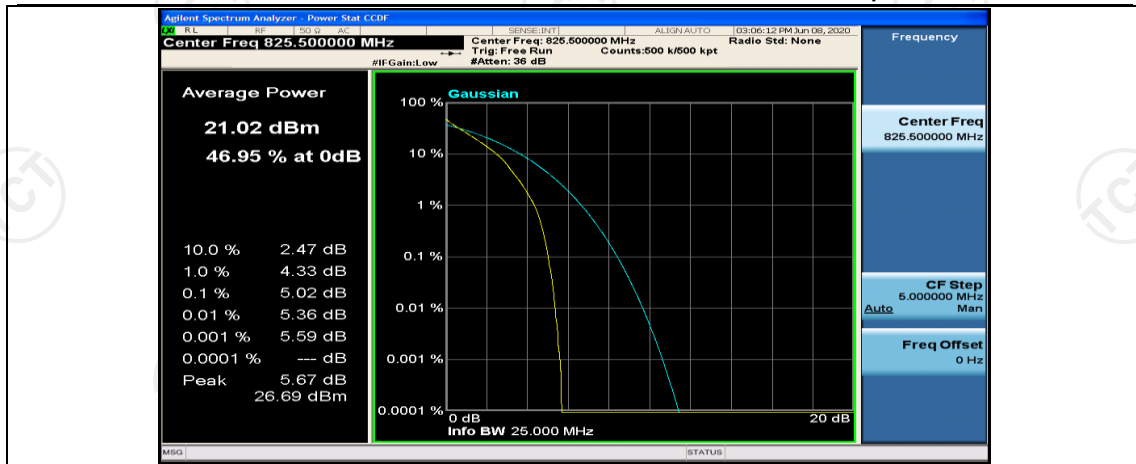
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4



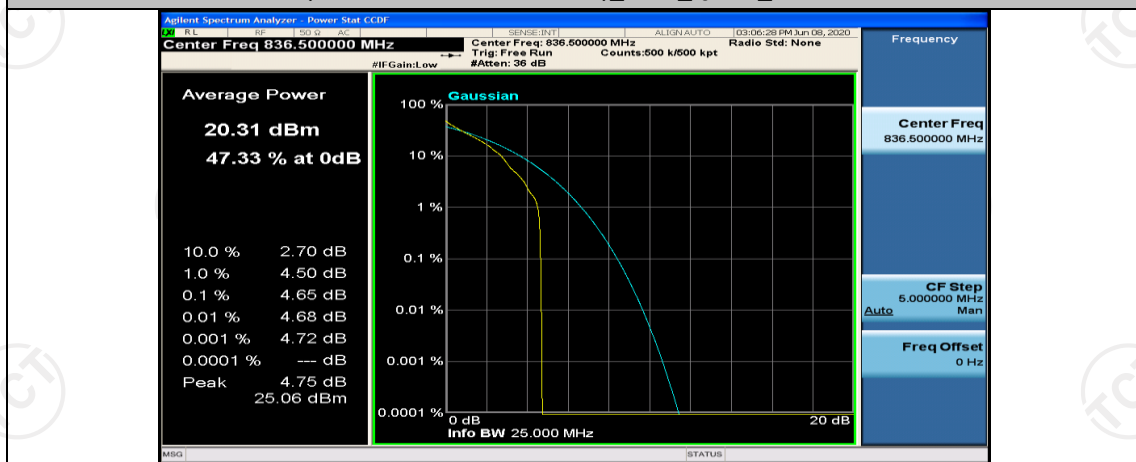
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



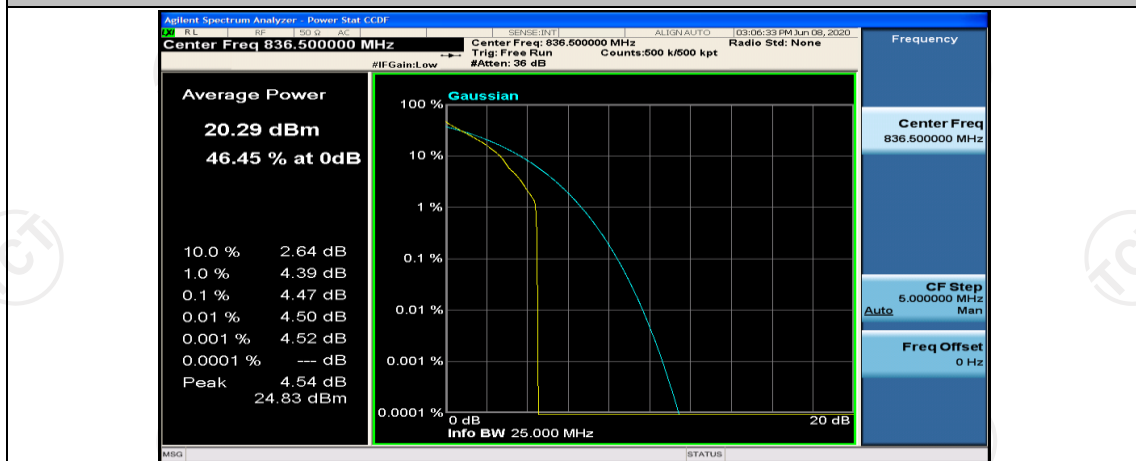
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



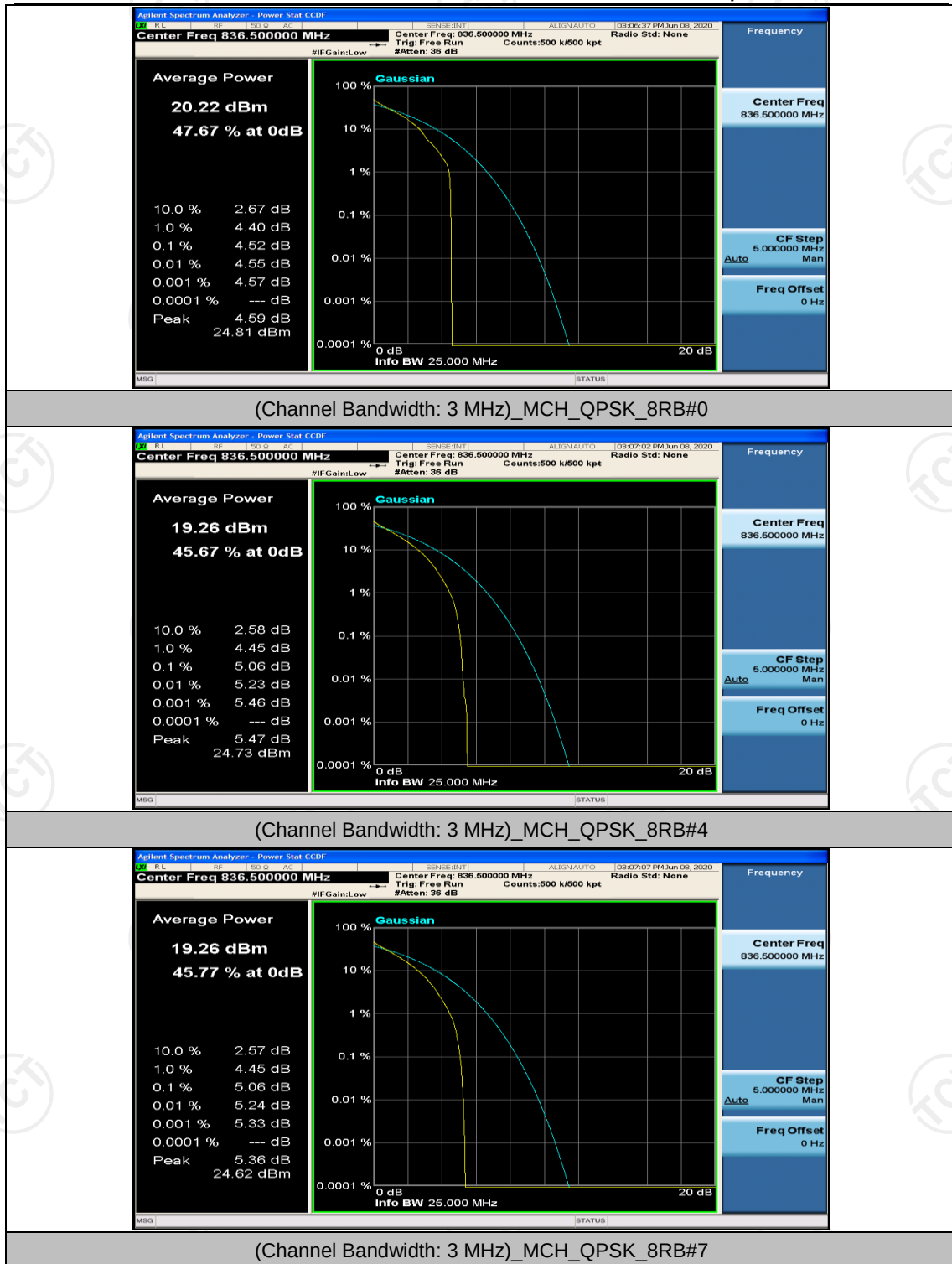
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

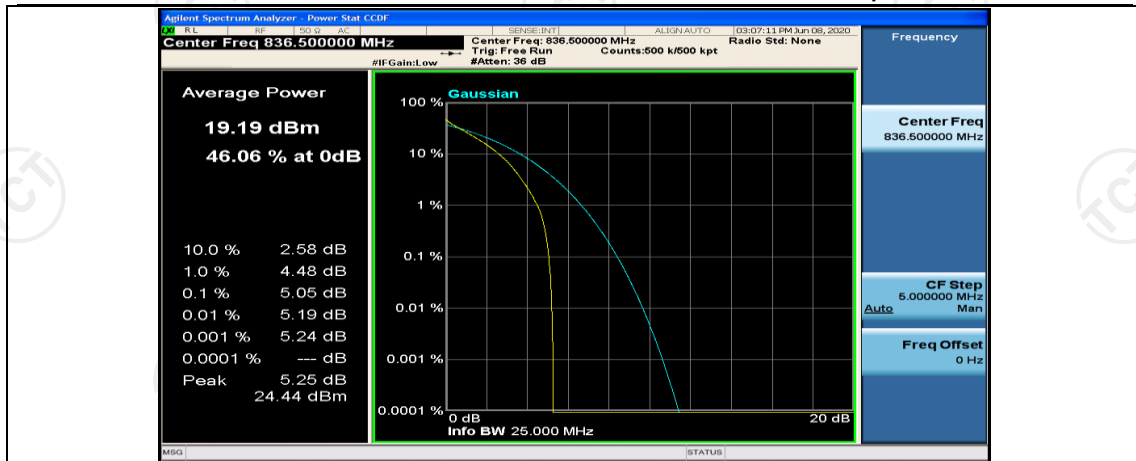


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

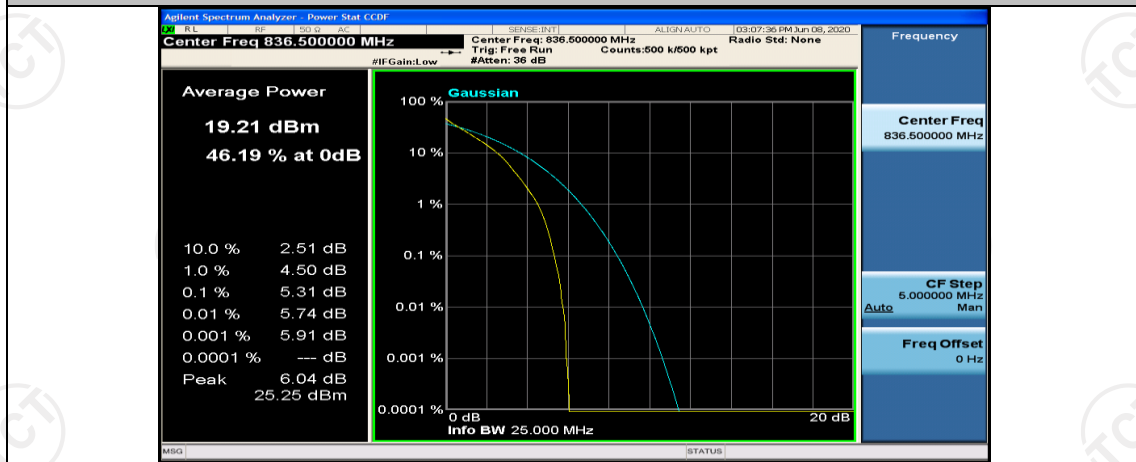


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

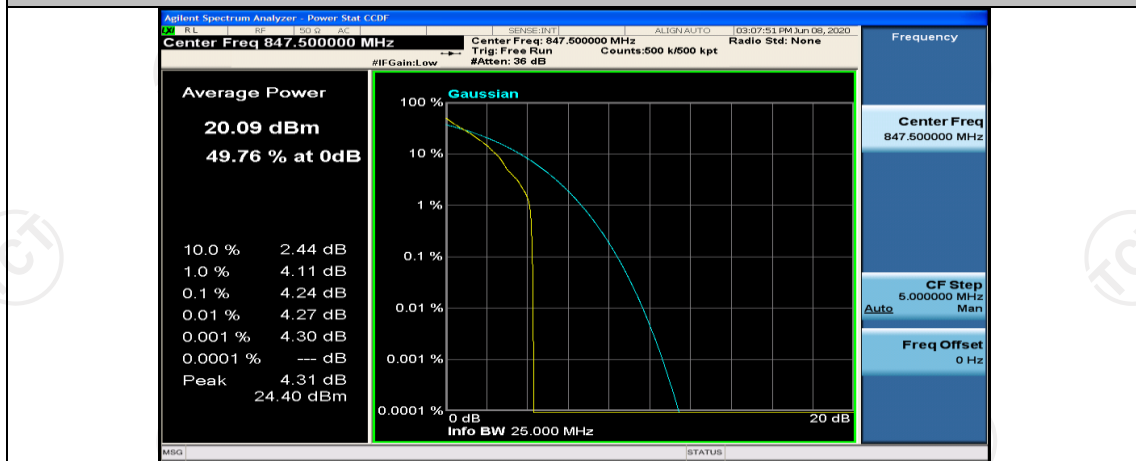




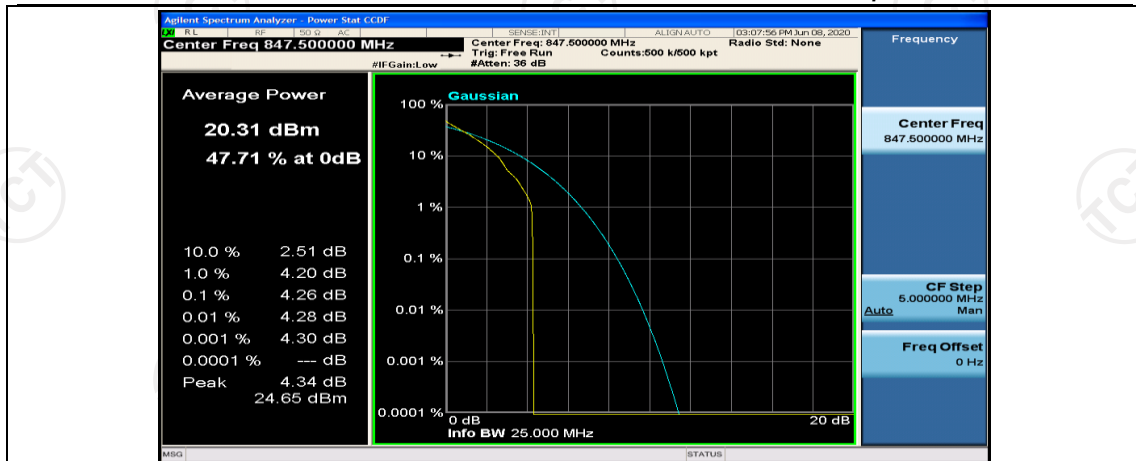
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



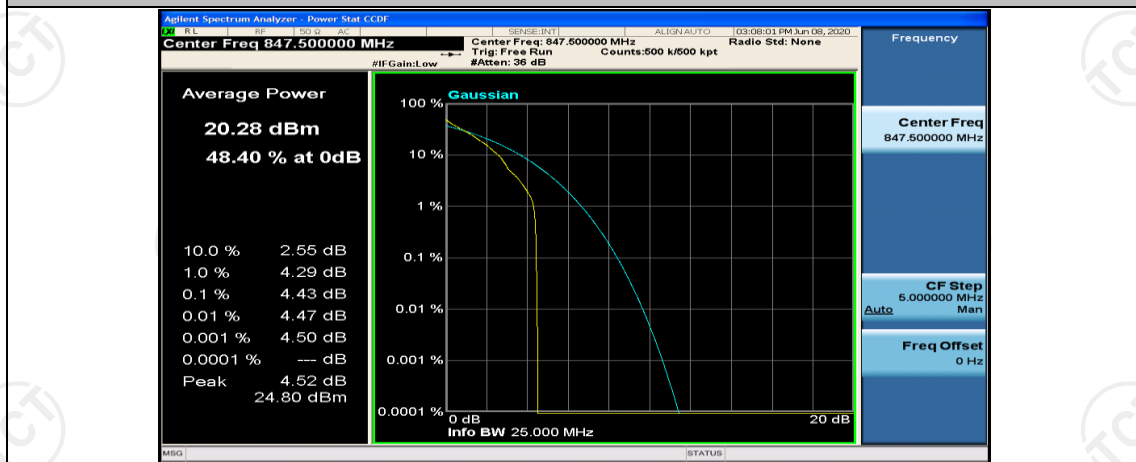
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



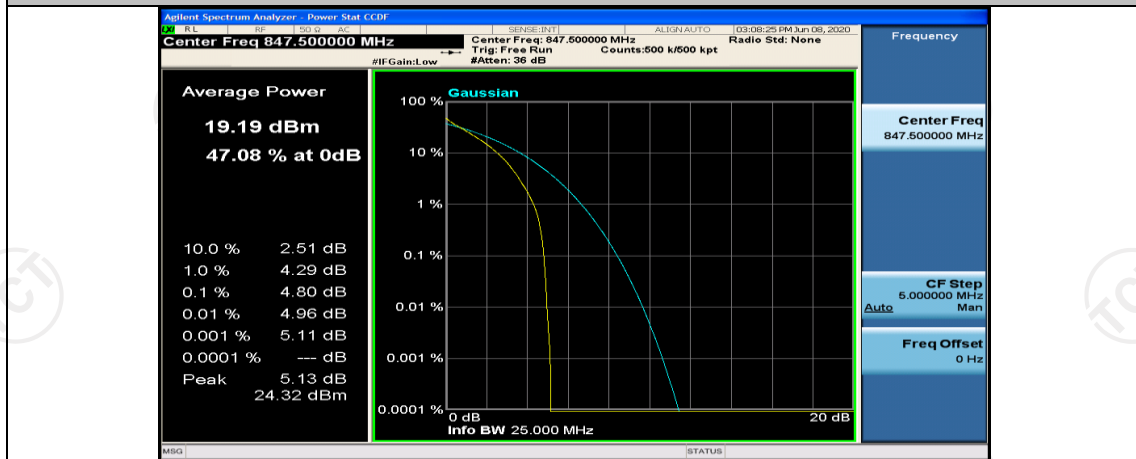
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



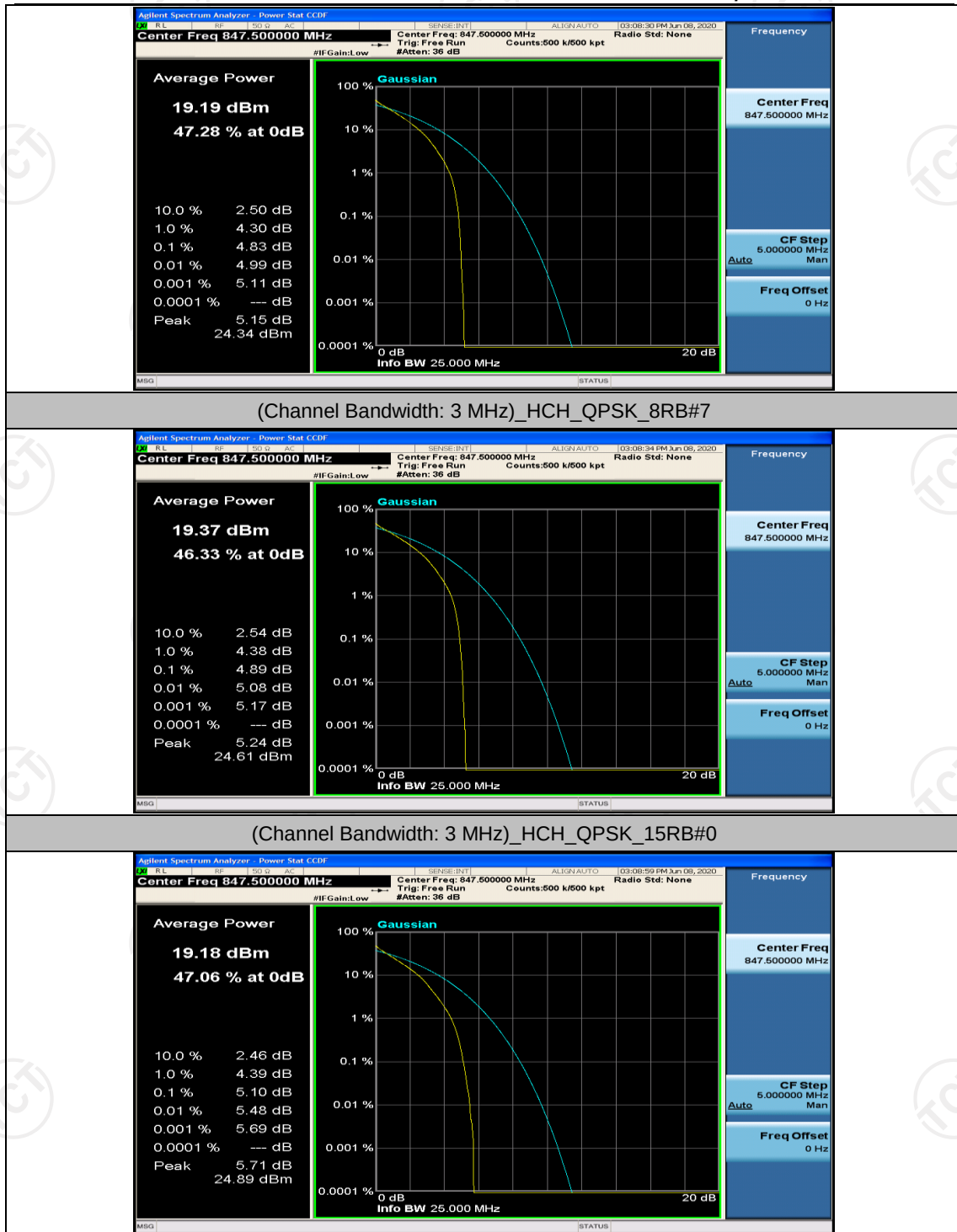
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



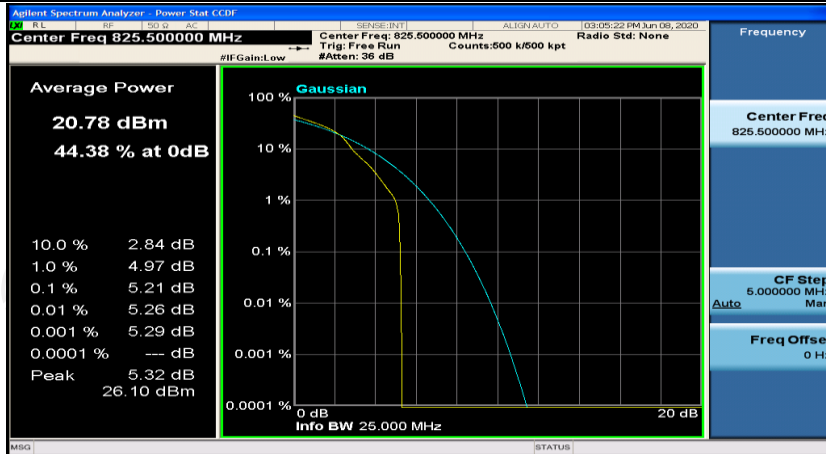
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



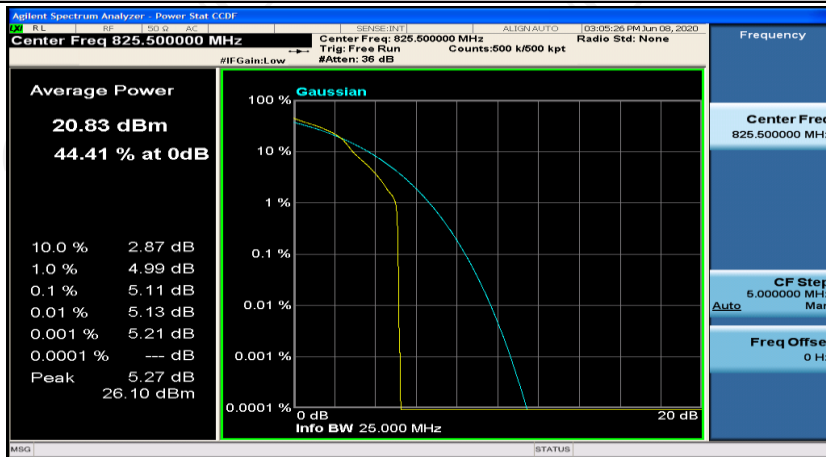
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4



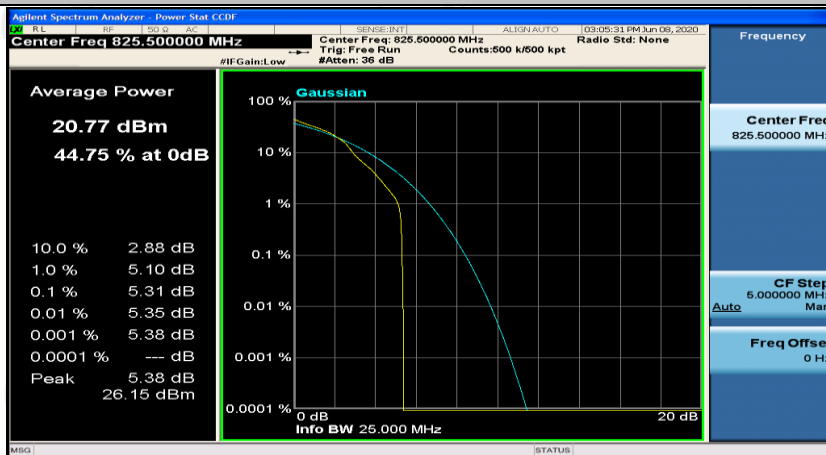
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



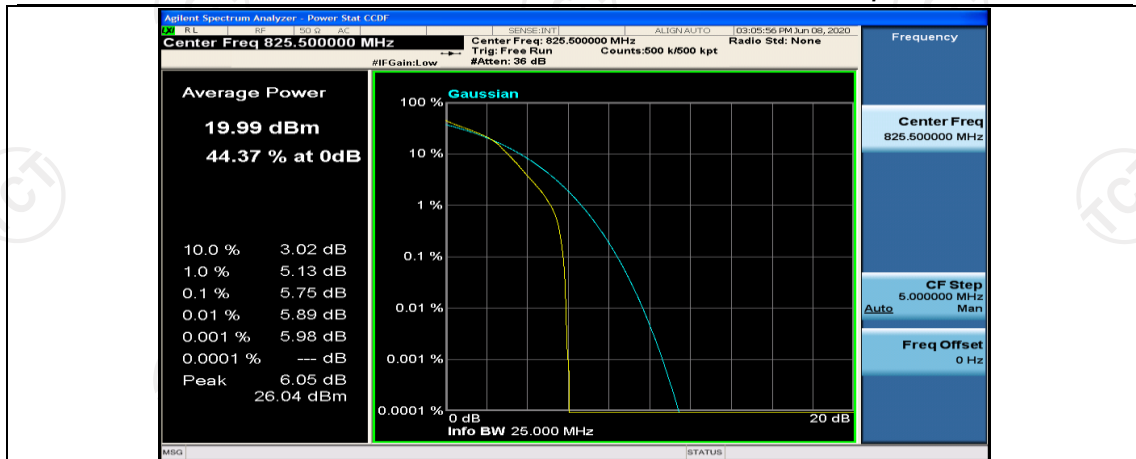
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7



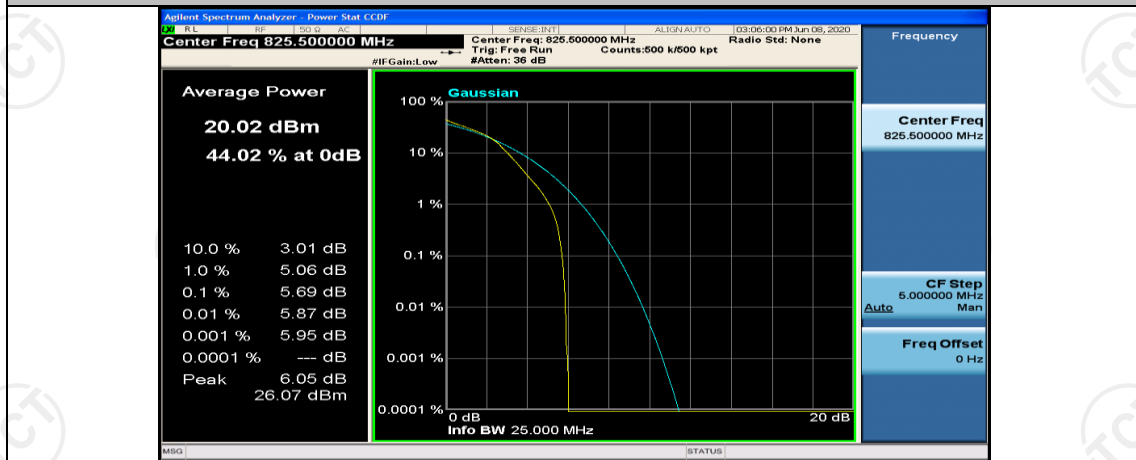
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14



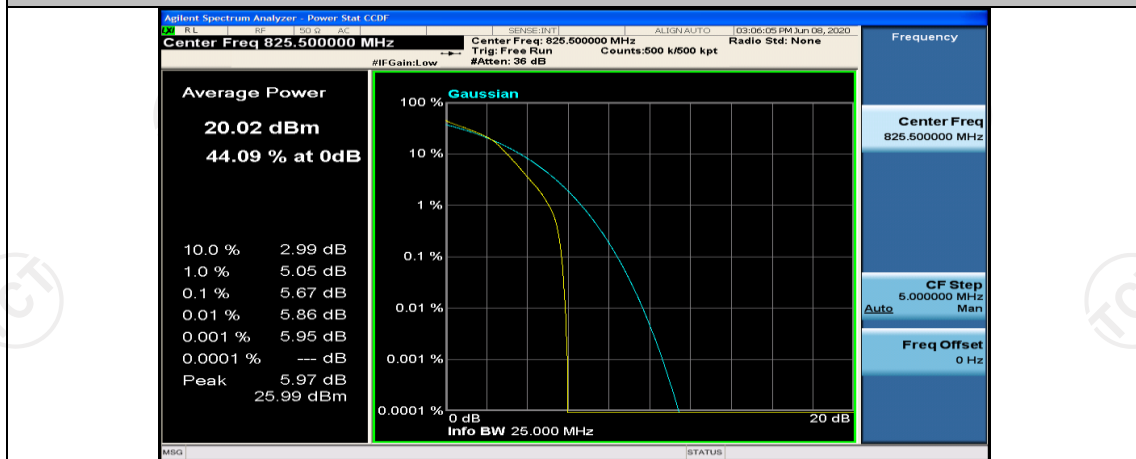
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0



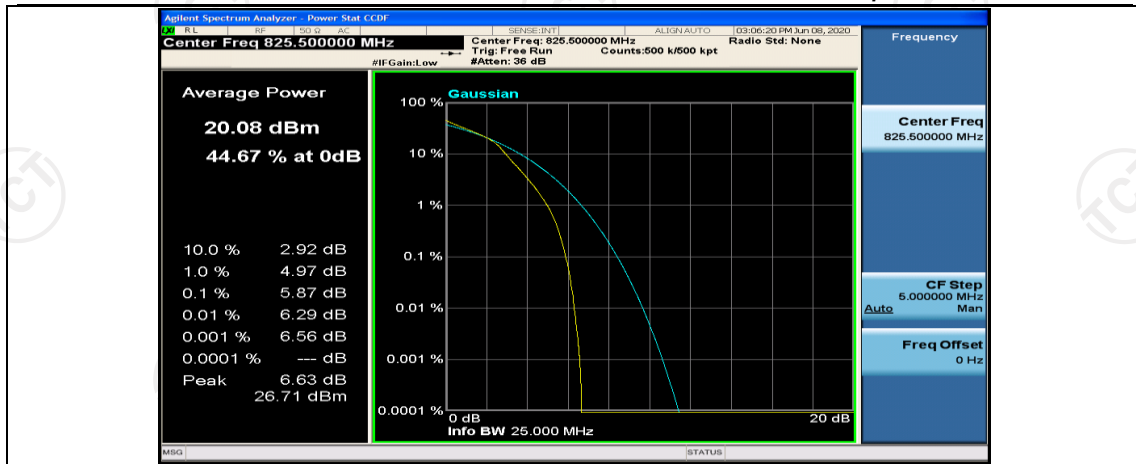
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4



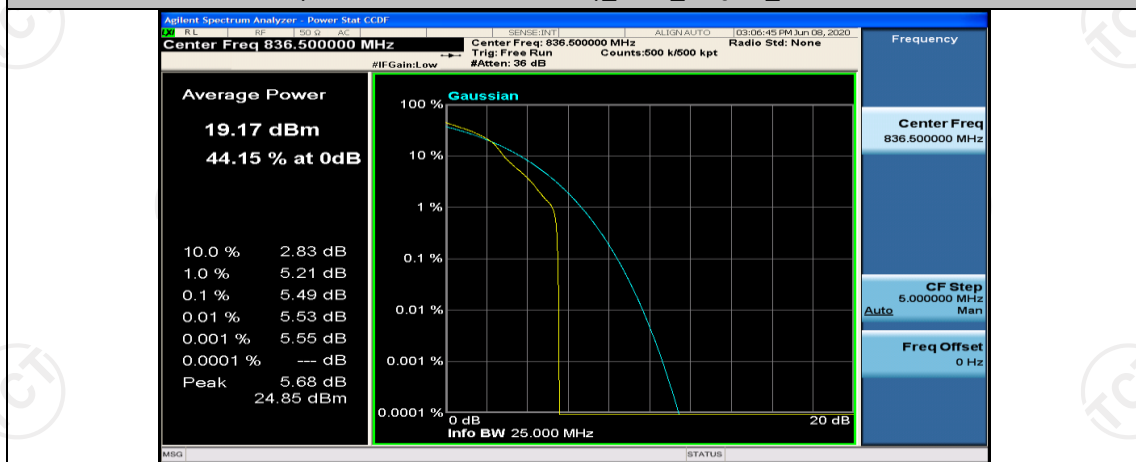
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7



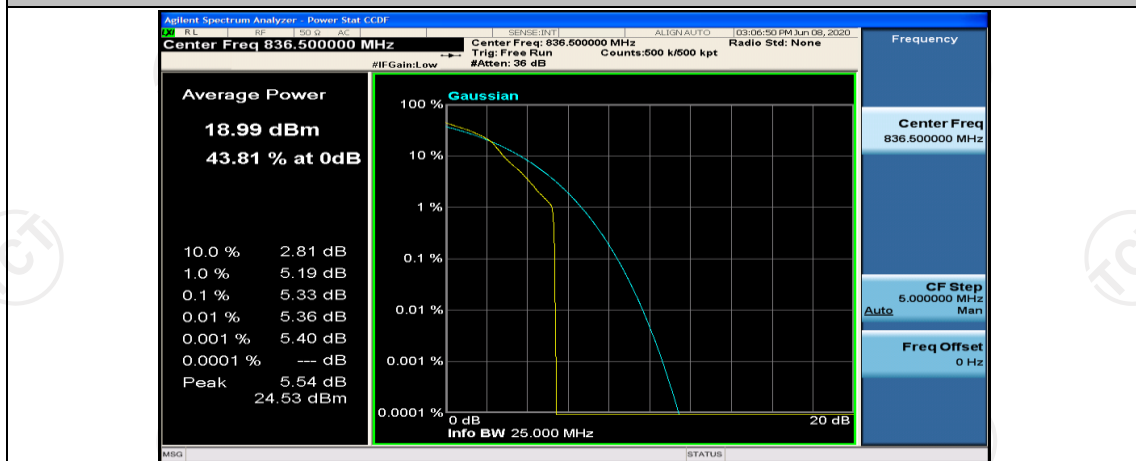
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



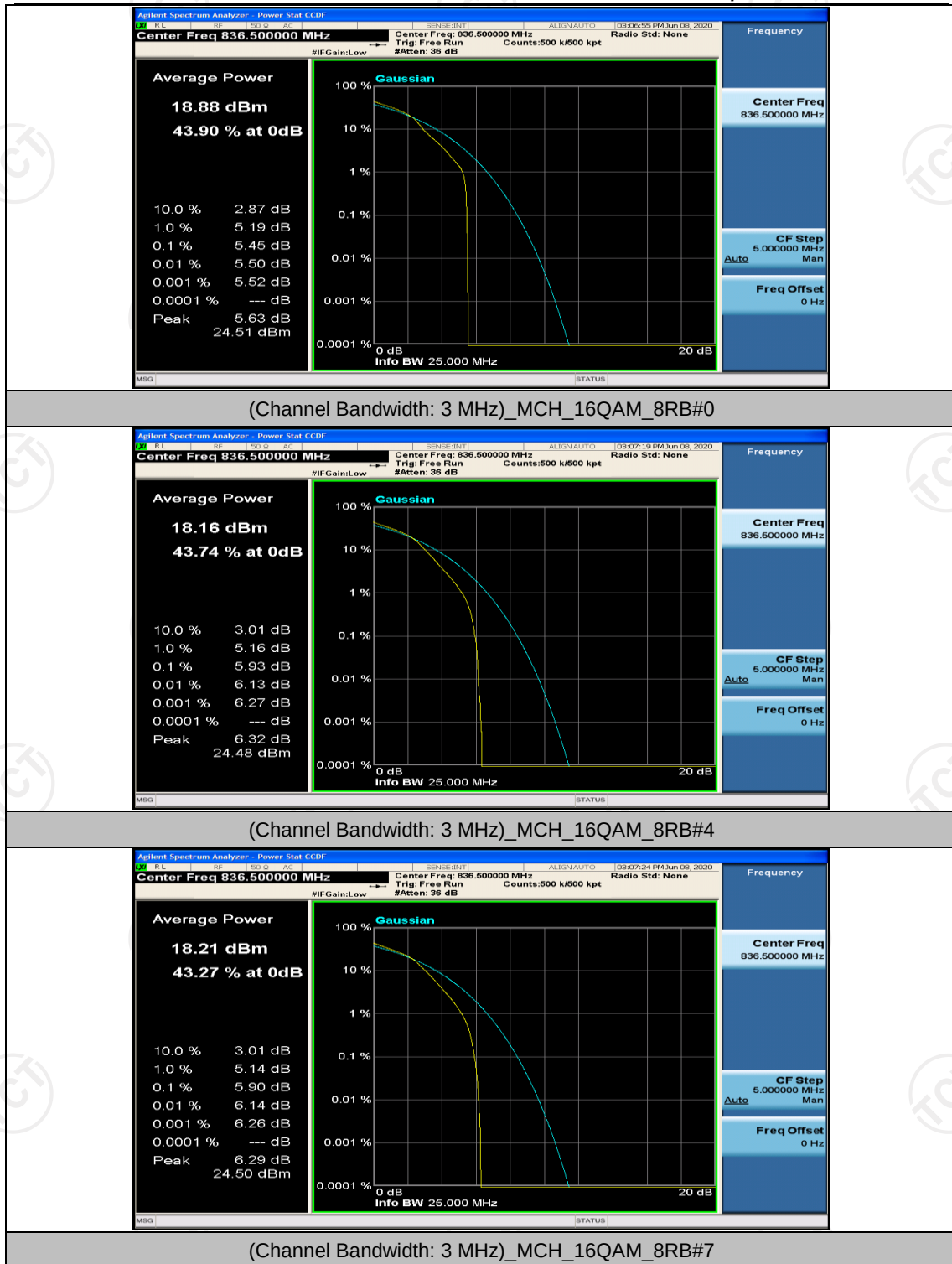
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

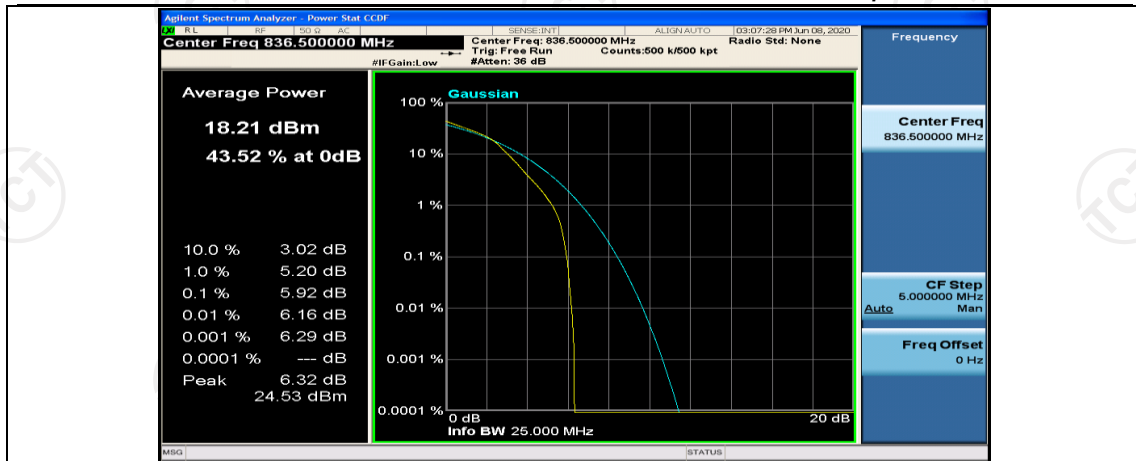


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

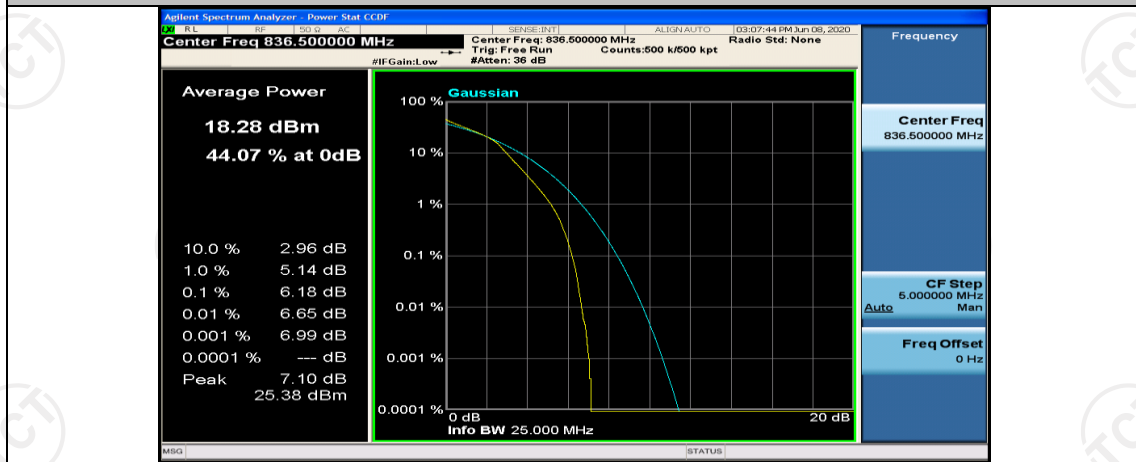


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

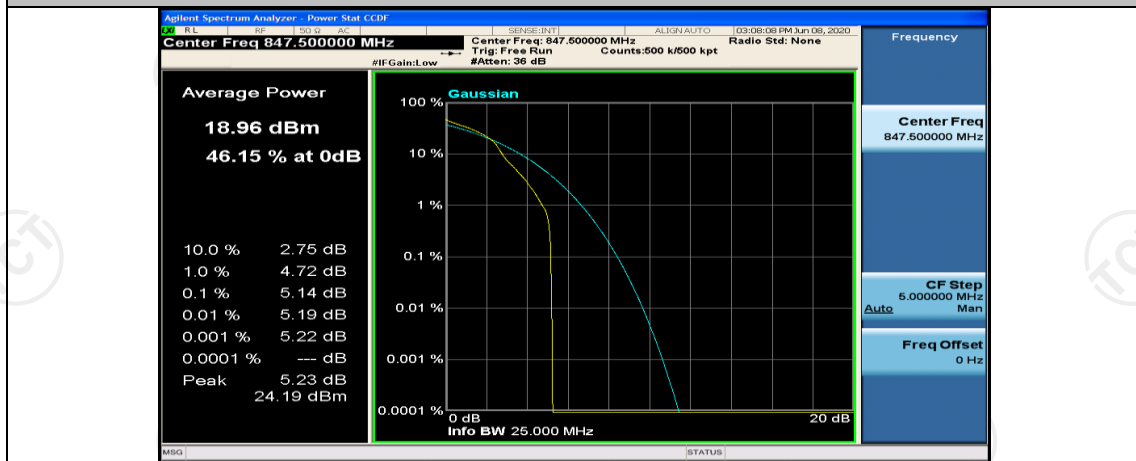




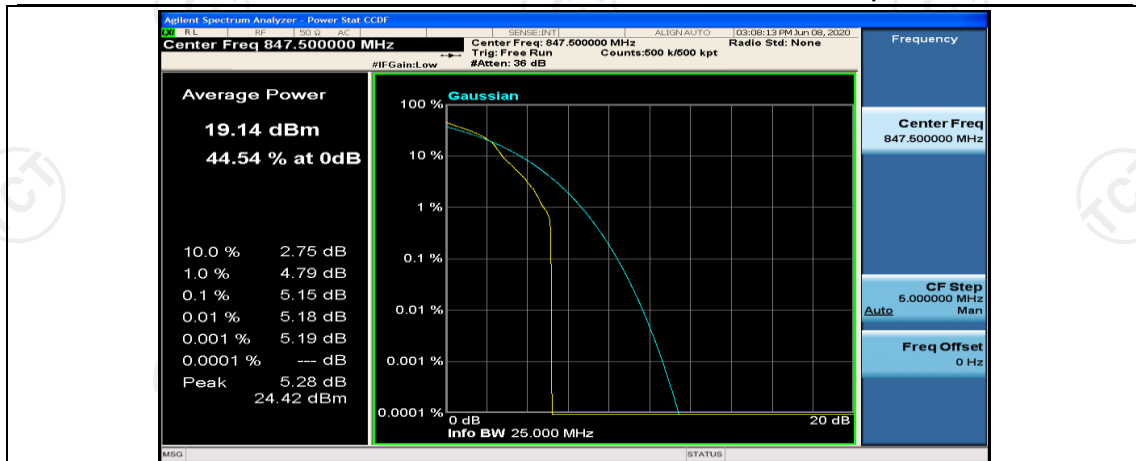
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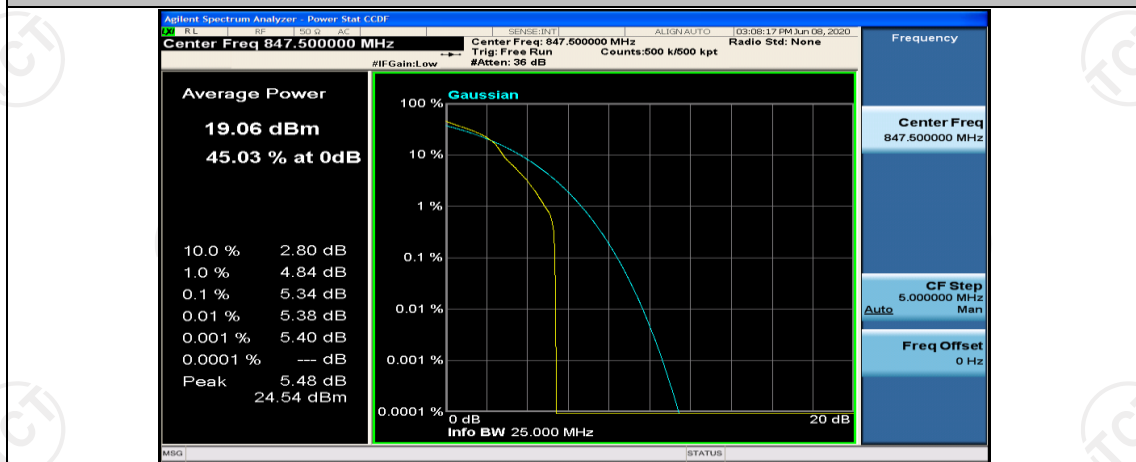
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



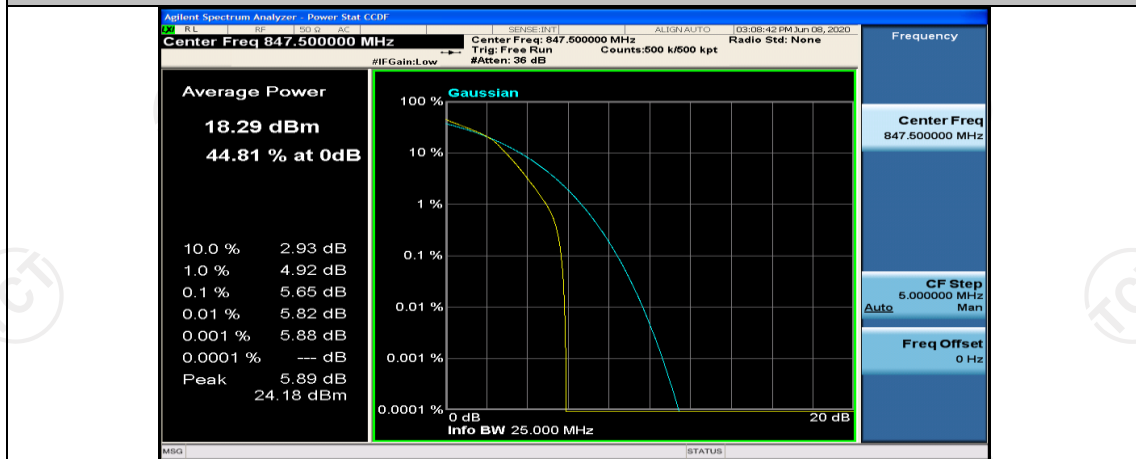
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



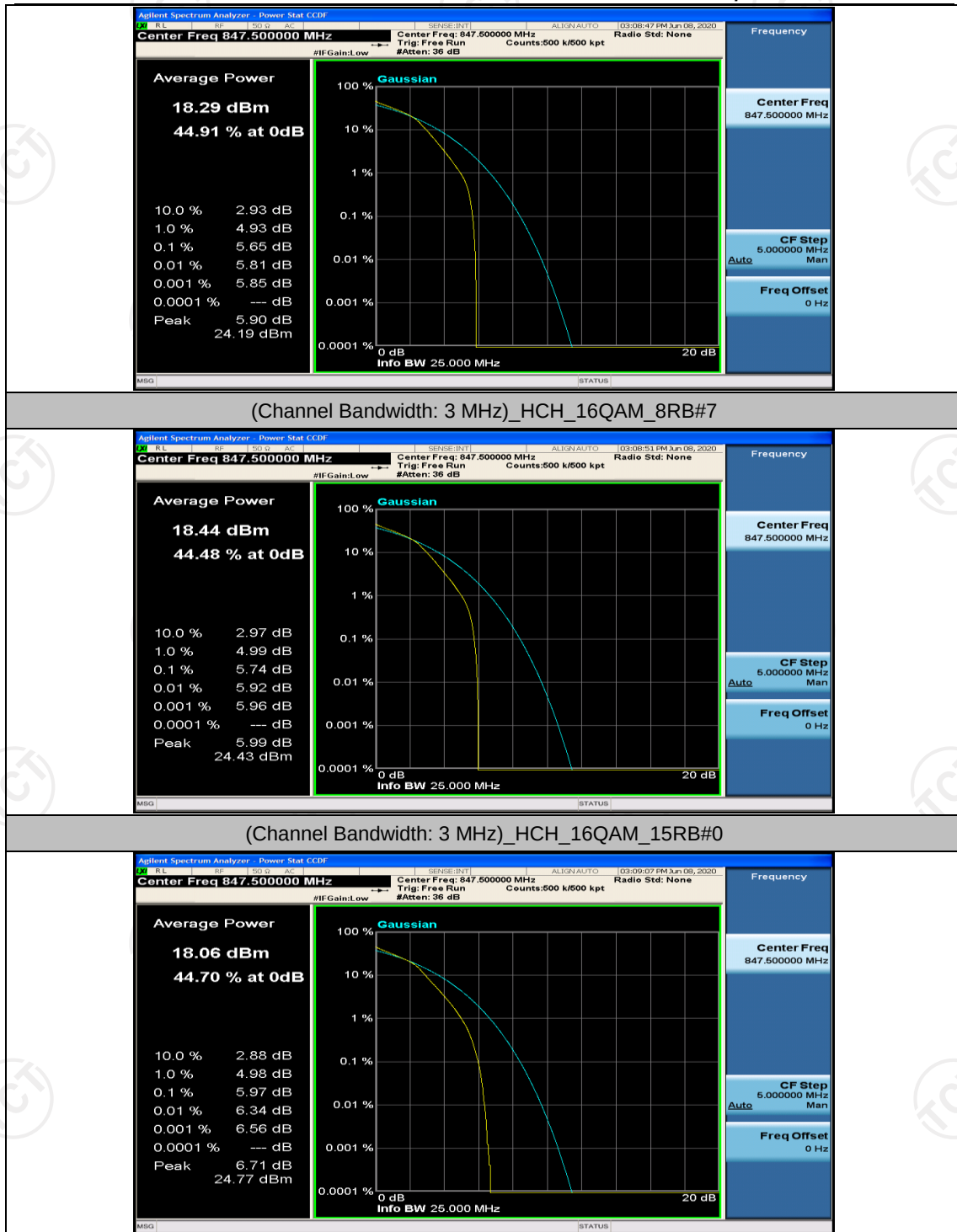
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4



Channel Bandwidth: 5 MHz

