

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		E.i.r.p [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.26	21.11	PASS
		1	3	23.66	21.51	PASS
		1	5	23.49	21.34	PASS
		3	0	23.23	21.08	PASS
		3	2	23.23	21.08	PASS
		3	3	23.35	21.20	PASS
		6	0	22.34	20.19	PASS
	MCH	1	0	23.23	21.08	PASS
		1	3	23.38	21.23	PASS
		1	5	23.26	21.11	PASS
		3	0	23.17	21.02	PASS
		3	2	23.17	21.02	PASS
		3	3	23.14	20.99	PASS
		6	0	22.28	20.13	PASS
	HCH	1	0	23.48	21.33	PASS
		1	3	23.67	21.52	PASS
		1	5	23.44	21.29	PASS
		3	0	23.34	21.19	PASS
		3	2	23.34	21.19	PASS
		3	3	23.52	21.37	PASS
		6	0	22.20	20.05	PASS
16QAM	LCH	1	0	22.02	19.87	PASS
		1	3	22.26	20.11	PASS
		1	5	22.02	19.87	PASS
		3	0	22.25	20.10	PASS
		3	2	22.25	20.10	PASS
		3	3	22.25	20.10	PASS
		6	0	21.03	18.88	PASS
	MCH	1	0	22.47	20.32	PASS
		1	3	22.65	20.50	PASS
		1	5	22.60	20.45	PASS

		3	3	21.76	19.61	PASS
		6	0	21.31	19.16	PASS
	HCH	1	0	21.98	19.83	PASS
		1	3	22.22	20.07	PASS
		1	5	22.10	19.95	PASS
		3	0	22.08	19.93	PASS
		3	2	22.19	20.04	PASS
		3	3	22.15	20.00	PASS
		6	0	21.18	19.03	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		E.i.r.p [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.09	20.94	PASS
		1	7	23.15	21.00	PASS
		1	14	23.06	20.91	PASS
		8	0	22.15	20.00	PASS
		8	4	22.14	19.99	PASS
		8	7	22.24	20.09	PASS
		15	0	22.17	20.02	PASS
	MCH	1	0	23.21	21.06	PASS
		1	7	23.11	20.96	PASS
		1	14	23.15	21.00	PASS
		8	0	22.12	19.97	PASS
		8	4	22.12	19.97	PASS
		8	7	22.15	20.00	PASS
		15	0	22.13	19.98	PASS
	HCH	1	0	22.94	20.79	PASS
		1	7	23.12	20.97	PASS
		1	14	23.13	20.98	PASS
		8	0	22.19	20.04	PASS
		8	4	22.21	20.06	PASS
		8	7	22.26	20.11	PASS
		15	0	22.05	19.90	PASS
16QAM	LCH	1	0	22.09	19.94	PASS
		1	7	22.25	20.10	PASS
		1	14	22.17	20.02	PASS
		8	0	21.07	18.92	PASS
		8	4	21.15	19.00	PASS
		8	7	21.03	18.88	PASS

	MCH	15	0	21.27	19.12	PASS
		1	0	21.93	19.78	PASS
		1	7	21.79	19.64	PASS
		1	14	21.84	19.69	PASS
		8	0	21.22	19.07	PASS
		8	4	21.24	19.09	PASS
		8	7	21.27	19.12	PASS
		15	0	20.95	18.80	PASS
	HCH	1	0	22.13	19.98	PASS
		1	7	22.16	20.01	PASS
		1	14	22.12	19.97	PASS
		8	0	21.09	18.94	PASS
		8	4	21.08	18.93	PASS
		8	7	21.14	18.99	PASS
		15	0	20.95	18.80	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		E.i.r.p [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.13	20.98	PASS
		1	12	23.22	21.07	PASS
		1	24	23.21	21.06	PASS
		12	0	22.15	20.00	PASS
		12	6	22.15	20.00	PASS
		12	13	22.26	20.11	PASS
		25	0	22.18	20.03	PASS
	MCH	1	0	23.03	20.88	PASS
		1	12	23.01	20.86	PASS
		1	24	22.98	20.83	PASS
		12	0	22.16	20.01	PASS
		12	6	22.15	20.00	PASS
		12	13	22.14	19.99	PASS
		25	0	22.13	19.98	PASS
	HCH	1	0	23.11	20.96	PASS
		1	12	23.06	20.91	PASS
		1	24	23.11	20.96	PASS
		12	0	22.22	20.07	PASS
		12	6	22.14	19.99	PASS
		12	13	22.10	19.95	PASS
		25	0	22.09	19.94	PASS

16QAM	LCH	1	0	22.24	20.09	PASS
		1	12	22.33	20.18	PASS
		1	24	22.29	20.14	PASS
		12	0	20.97	18.82	PASS
		12	6	21.04	18.89	PASS
		12	13	21.08	18.93	PASS
		25	0	21.12	18.97	PASS
	MCH	1	0	21.80	19.65	PASS
		1	12	21.69	19.54	PASS
		1	24	21.84	19.69	PASS
		12	0	21.17	19.02	PASS
		12	6	21.16	19.01	PASS
		12	13	21.04	18.89	PASS
		25	0	21.24	19.09	PASS
	HCH	1	0	22.16	20.01	PASS
		1	12	21.83	19.68	PASS
		1	24	21.90	19.75	PASS
		12	0	21.09	18.94	PASS
		12	6	21.09	18.94	PASS
		12	13	21.04	18.89	PASS
		25	0	20.91	18.76	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		E.i.r.p [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.10	20.95	PASS
		1	24	23.39	21.24	PASS
		1	49	23.04	20.89	PASS
		25	0	22.26	20.11	PASS
		25	12	22.26	20.11	PASS
		25	25	22.28	20.13	PASS
		50	0	22.31	20.16	PASS
	MCH	1	0	23.18	21.03	PASS
		1	24	22.99	20.84	PASS
		1	49	22.97	20.82	PASS
		25	0	22.26	20.11	PASS
		25	12	22.26	20.11	PASS
		25	25	22.21	20.06	PASS
		50	0	22.20	20.05	PASS
	HCH	1	0	23.21	21.06	PASS

		1	24	23.32	21.17	PASS
		1	49	23.20	21.05	PASS
		25	0	22.23	20.08	PASS
		25	12	22.23	20.08	PASS
		25	25	22.17	20.02	PASS
		50	0	22.16	20.01	PASS
16QAM	LCH	1	0	22.09	19.94	PASS
		1	24	22.57	20.42	PASS
		1	49	21.89	19.74	PASS
		25	0	21.24	19.09	PASS
		25	12	21.24	19.09	PASS
		25	25	21.17	19.02	PASS
		50	0	21.16	19.01	PASS
	MCH	1	0	22.43	20.28	PASS
		1	24	22.40	20.25	PASS
		1	49	22.31	20.16	PASS
		25	0	21.24	19.09	PASS
		25	12	21.25	19.10	PASS
		25	25	21.13	18.98	PASS
		50	0	21.22	19.07	PASS
	HCH	1	0	22.37	20.22	PASS
		1	24	22.37	20.22	PASS
		1	49	22.44	20.29	PASS
		25	0	21.25	19.10	PASS
		25	12	21.16	19.01	PASS
		25	25	21.03	18.88	PASS
		50	0	21.13	18.98	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	4.52	<13	PASS
		1	3	4.36	<13	PASS
		1	5	4.44	<13	PASS
		3	0	4.7	<13	PASS
		3	2	4.65	<13	PASS
		3	3	4.6	<13	PASS
		6	0	5.2	<13	PASS
	MCH	1	0	4.74	<13	PASS
		1	3	4.63	<13	PASS
		1	5	4.79	<13	PASS
		3	0	4.96	<13	PASS
		3	2	4.96	<13	PASS
		3	3	5	<13	PASS
		6	0	5.38	<13	PASS
	HCH	1	0	4.34	<13	PASS
		1	3	4.28	<13	PASS
		1	5	4.46	<13	PASS
		3	0	4.55	<13	PASS
		3	2	4.52	<13	PASS
		3	3	4.55	<13	PASS
		6	0	5.03	<13	PASS
16QAM	LCH	1	0	5.51	<13	PASS
		1	3	5.31	<13	PASS
		1	5	5.36	<13	PASS
		3	0	5.55	<13	PASS
		3	2	5.52	<13	PASS
		3	3	5.46	<13	PASS
		6	0	6.03	<13	PASS
	MCH	1	0	5.62	<13	PASS
		1	3	5.56	<13	PASS
		1	5	5.68	<13	PASS

		3	0	5.9	<13	PASS
		3	2	5.93	<13	PASS
		3	3	5.86	<13	PASS
		6	0	6.18	<13	PASS
	HCH	1	0	5.14	<13	PASS
		1	3	5.22	<13	PASS
		1	5	5.3	<13	PASS
		3	0	5.36	<13	PASS
		3	2	5.45	<13	PASS
		3	3	5.56	<13	PASS
		6	0	5.84	<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	4.57	<13	PASS
		1	7	4.27	<13	PASS
		1	14	4.21	<13	PASS
		8	0	5.04	<13	PASS
		8	4	5.05	<13	PASS
		8	7	4.84	<13	PASS
		15	0	5.1	<13	PASS
		15	0	5.1	<13	PASS
	MCH	1	0	4.71	<13	PASS
		1	7	4.6	<13	PASS
		1	14	4.78	<13	PASS
		8	0	5.08	<13	PASS
		8	4	5.09	<13	PASS
		8	7	5.13	<13	PASS
		15	0	5.45	<13	PASS
		15	0	5.45	<13	PASS
	HCH	1	0	4	<13	PASS
		1	7	4.21	<13	PASS
		1	14	4.45	<13	PASS
		8	0	4.62	<13	PASS
		8	4	4.61	<13	PASS
		8	7	4.83	<13	PASS
		15	0	4.97	<13	PASS
		15	0	4.97	<13	PASS
16QAM	LCH	1	0	5.57	<13	PASS
		1	7	5.09	<13	PASS
		1	14	5.02	<13	PASS
		8	0	5.97	<13	PASS

		8	4	5.95	<13	PASS
		8	7	5.77	<13	PASS
		15	0	6.04	<13	PASS
	MCH	1	0	5.57	<13	PASS
		1	7	5.46	<13	PASS
		1	14	5.65	<13	PASS
		8	0	5.98	<13	PASS
		8	4	5.87	<13	PASS
		8	7	5.99	<13	PASS
		15	0	6.23	<13	PASS
	HCH	1	0	4.91	<13	PASS
		1	7	5.17	<13	PASS
		1	14	5.42	<13	PASS
		8	0	5.44	<13	PASS
		8	4	5.52	<13	PASS
		8	7	5.66	<13	PASS
		15	0	5.82	<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	4.5	<13	PASS
		1	12	4.11	<13	PASS
		1	24	4.16	<13	PASS
		12	0	4.92	<13	PASS
		12	6	4.91	<13	PASS
		12	13	4.63	<13	PASS
		25	0	5.04	<13	PASS
	MCH	1	0	4.6	<13	PASS
		1	12	4.62	<13	PASS
		1	24	4.66	<13	PASS
		12	0	4.97	<13	PASS
		12	6	4.97	<13	PASS
		12	13	5.04	<13	PASS
		25	0	5.37	<13	PASS
	HCH	1	0	3.92	<13	PASS
		1	12	3.99	<13	PASS
		1	24	4.42	<13	PASS
		12	0	4.4	<13	PASS
		12	6	4.41	<13	PASS

16QAM		12	13	4.68	<13	PASS
		25	0	4.86	<13	PASS
	LCH	1	0	5.29	<13	PASS
		1	12	4.91	<13	PASS
		1	24	4.83	<13	PASS
		12	0	5.82	<13	PASS
		12	6	5.82	<13	PASS
		12	13	5.59	<13	PASS
		25	0	5.93	<13	PASS
	MCH	1	0	5.41	<13	PASS
		1	12	5.55	<13	PASS
		1	24	5.66	<13	PASS
		12	0	5.88	<13	PASS
		12	6	5.89	<13	PASS
		12	13	5.97	<13	PASS
		25	0	6.12	<13	PASS
	HCH	1	0	4.54	<13	PASS
		1	12	4.75	<13	PASS
		1	24	5.21	<13	PASS
		12	0	5.32	<13	PASS
		12	6	5.35	<13	PASS
		12	13	5.57	<13	PASS
		25	0	5.64	<13	PASS

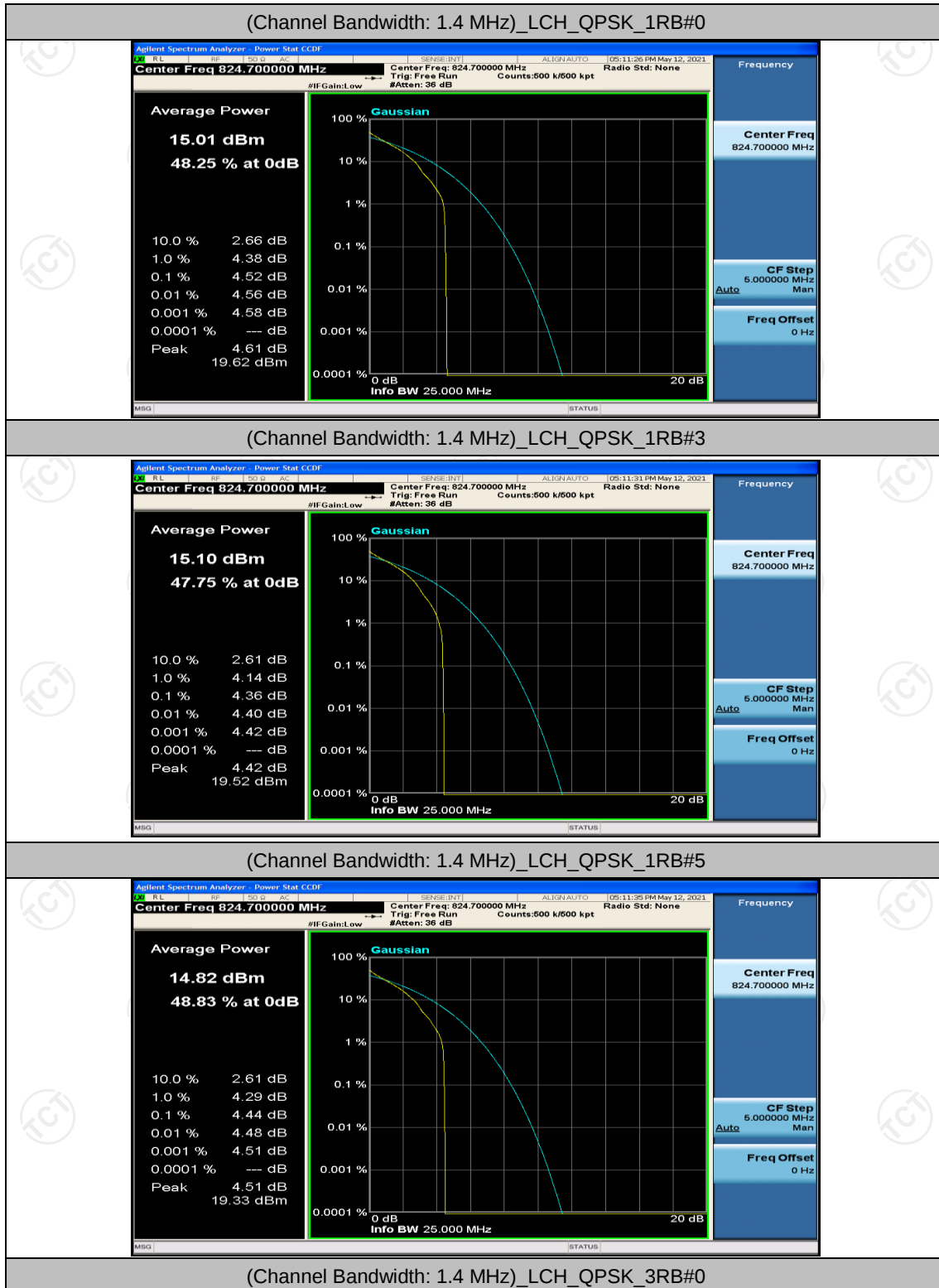
Channel Bandwidth: 10 MHz

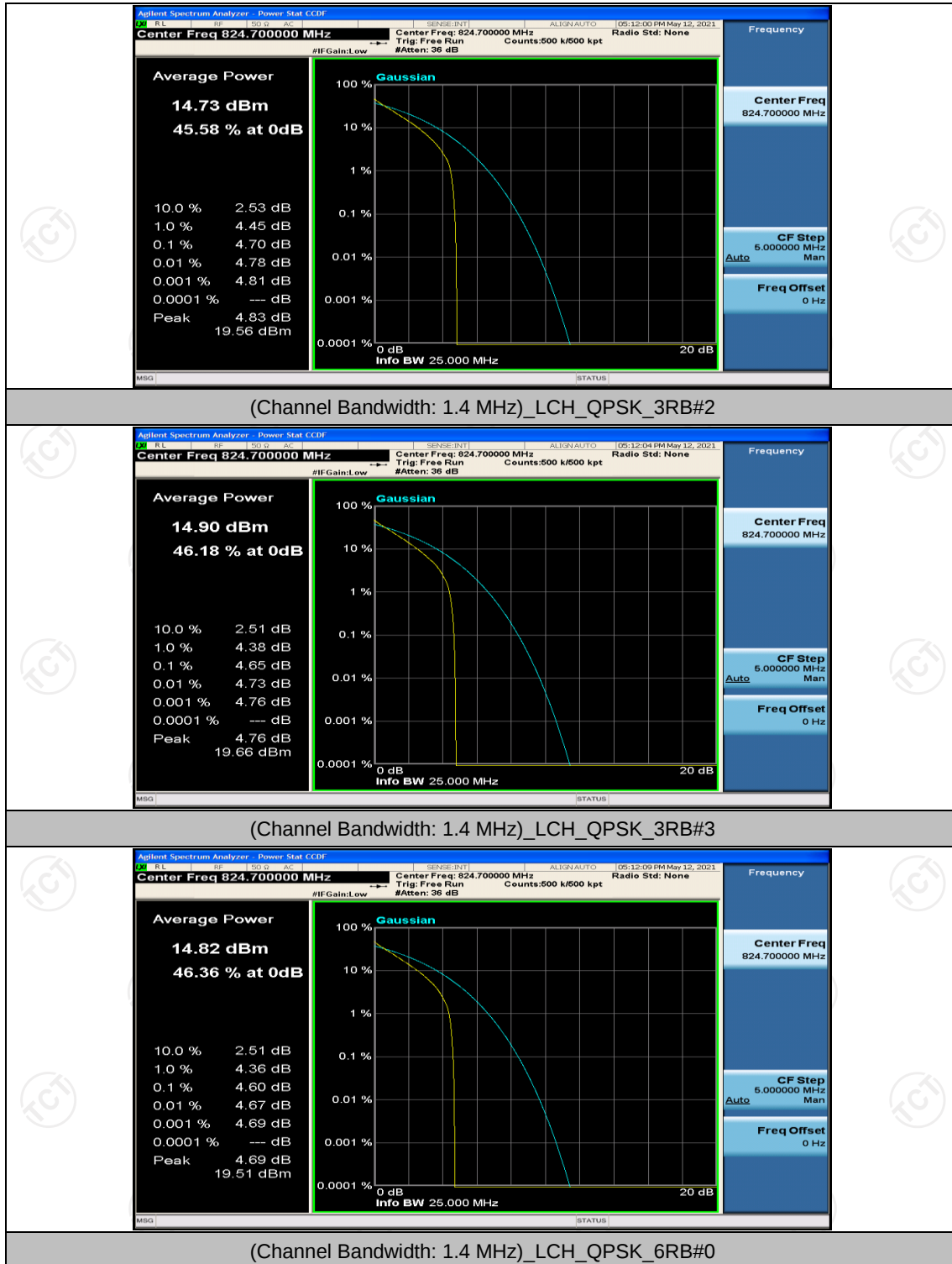
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.46	<13	PASS
		1	24	4.05	<13	PASS
		1	49	4.56	<13	PASS
		25	0	4.77	<13	PASS
		25	12	4.77	<13	PASS
		25	25	4.77	<13	PASS
		50	0	5.1	<13	PASS
	MCH	1	0	4.41	<13	PASS
		1	24	4.66	<13	PASS
		1	49	4.38	<13	PASS
		25	0	4.95	<13	PASS
		25	12	4.93	<13	PASS
		25	25	5	<13	PASS

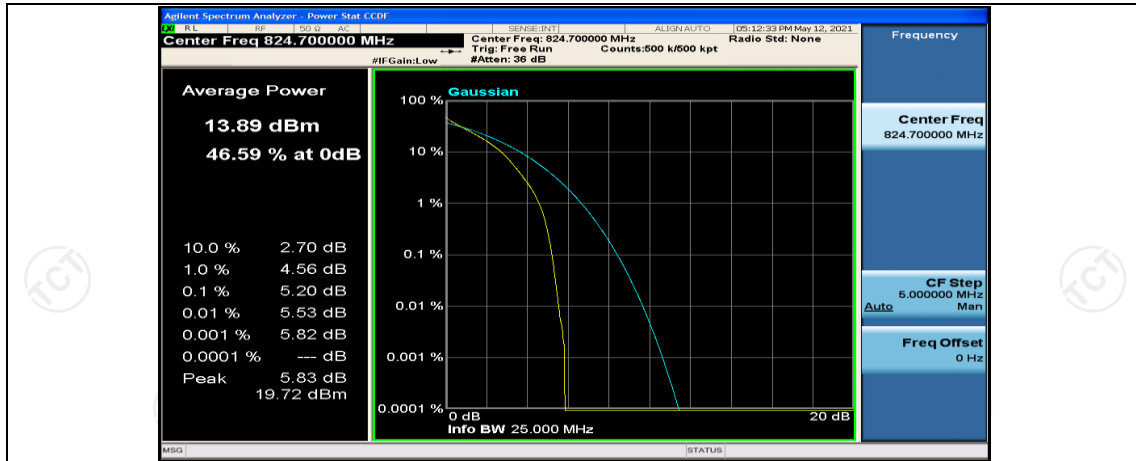
	HCH	50	0	5.26	<13	PASS
		1	0	4.55	<13	PASS
		1	24	3.62	<13	PASS
		1	49	4.4	<13	PASS
		25	0	4.76	<13	PASS
		25	12	4.75	<13	PASS
		25	25	4.53	<13	PASS
		50	0	4.97	<13	PASS
16QAM	LCH	1	0	5.27	<13	PASS
		1	24	4.61	<13	PASS
		1	49	5.43	<13	PASS
		25	0	5.68	<13	PASS
		25	12	5.68	<13	PASS
		25	25	5.68	<13	PASS
		50	0	5.93	<13	PASS
	MCH	1	0	5.2	<13	PASS
		1	24	5.49	<13	PASS
		1	49	5.26	<13	PASS
		25	0	5.82	<13	PASS
		25	12	5.82	<13	PASS
		25	25	5.9	<13	PASS
		50	0	6.08	<13	PASS
	HCH	1	0	5.53	<13	PASS
		1	24	4.72	<13	PASS
		1	49	5.23	<13	PASS
		25	0	5.65	<13	PASS
		25	12	5.67	<13	PASS
		25	25	5.46	<13	PASS
		50	0	5.81	<13	PASS

Test Graphs

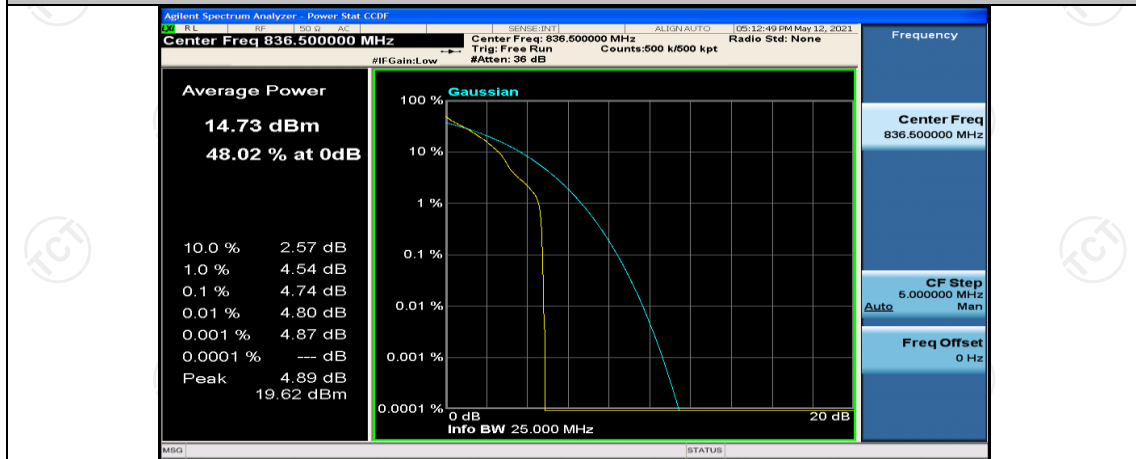
Channel Bandwidth: 1.4 MHz



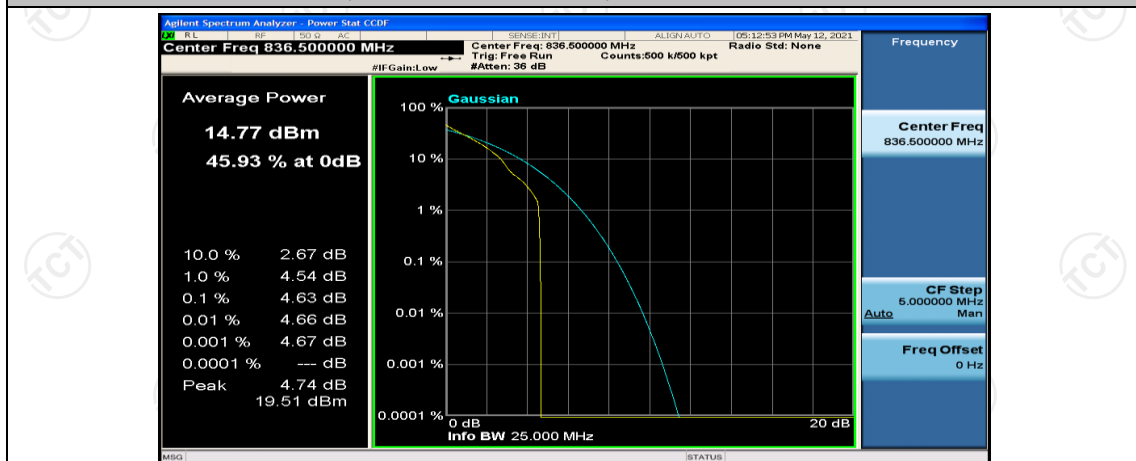




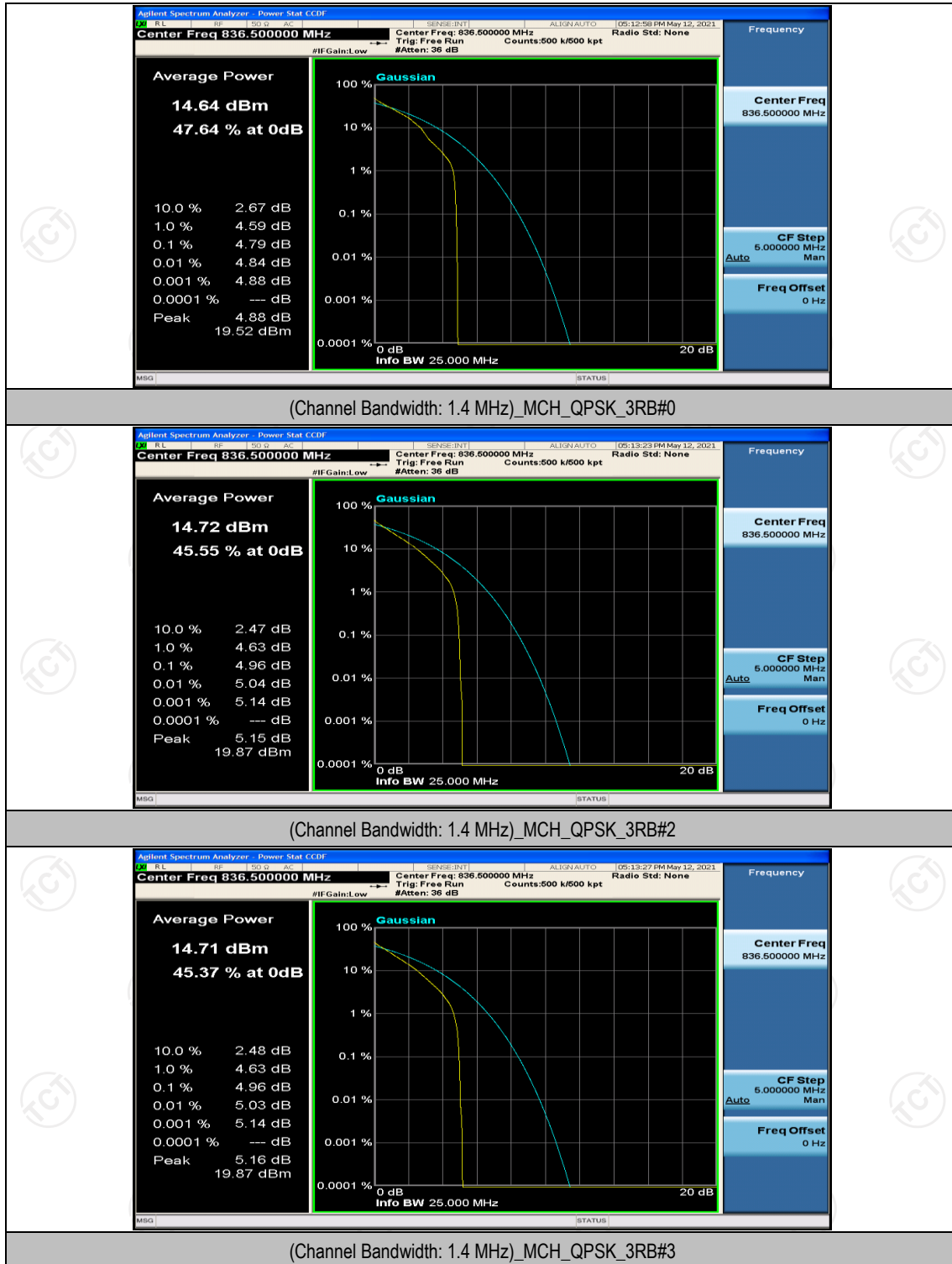
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

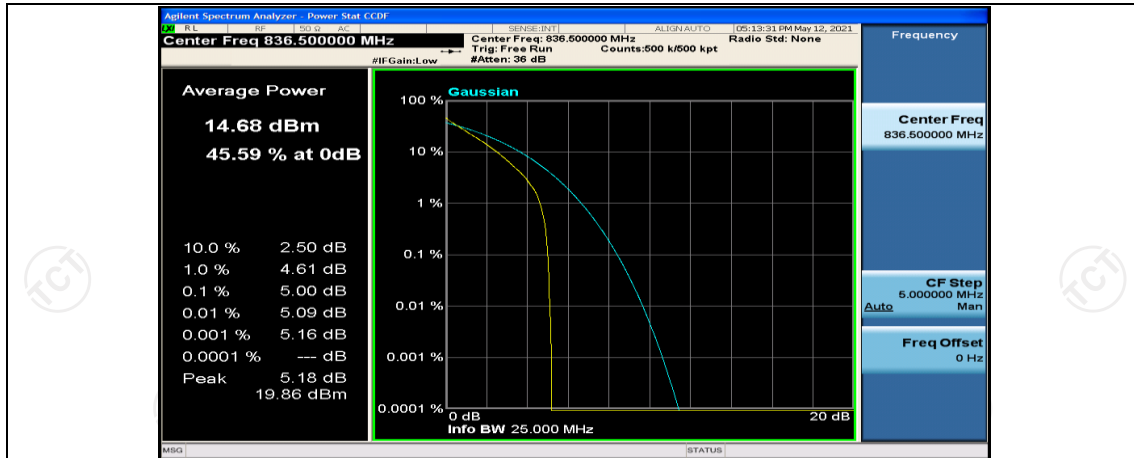


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

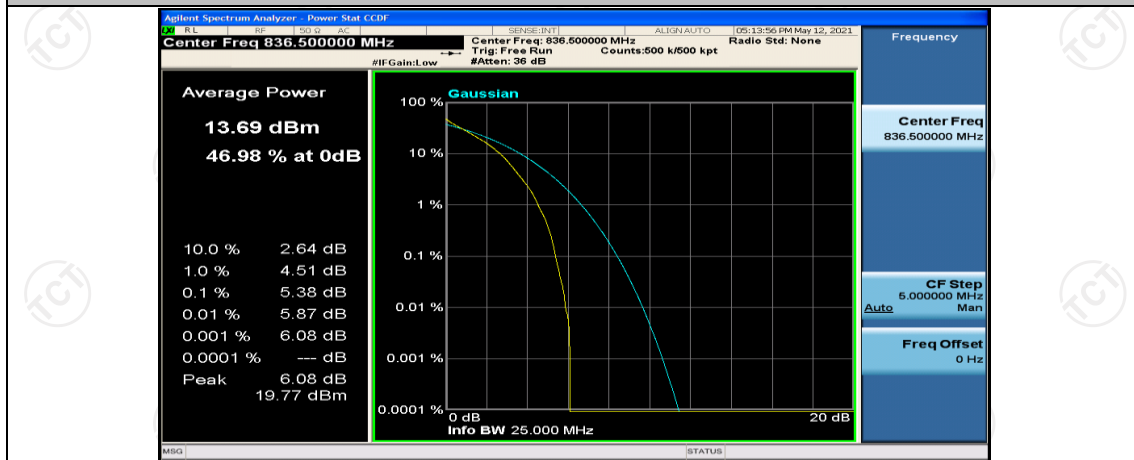


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

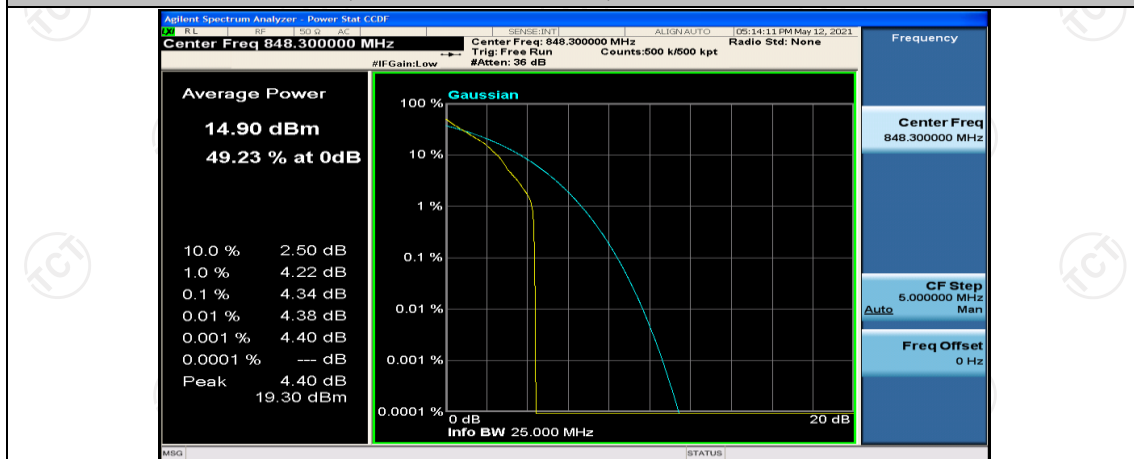




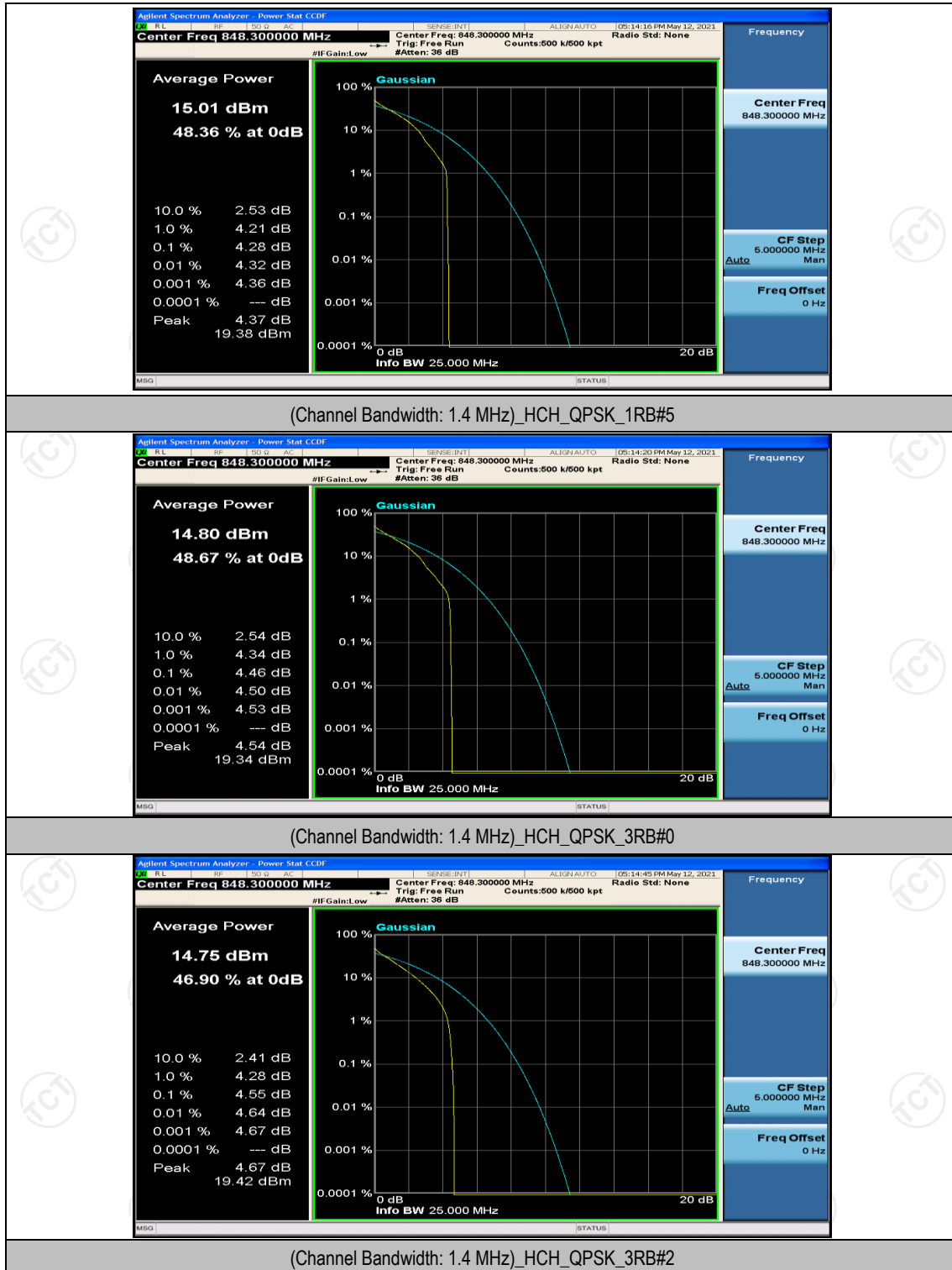
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0

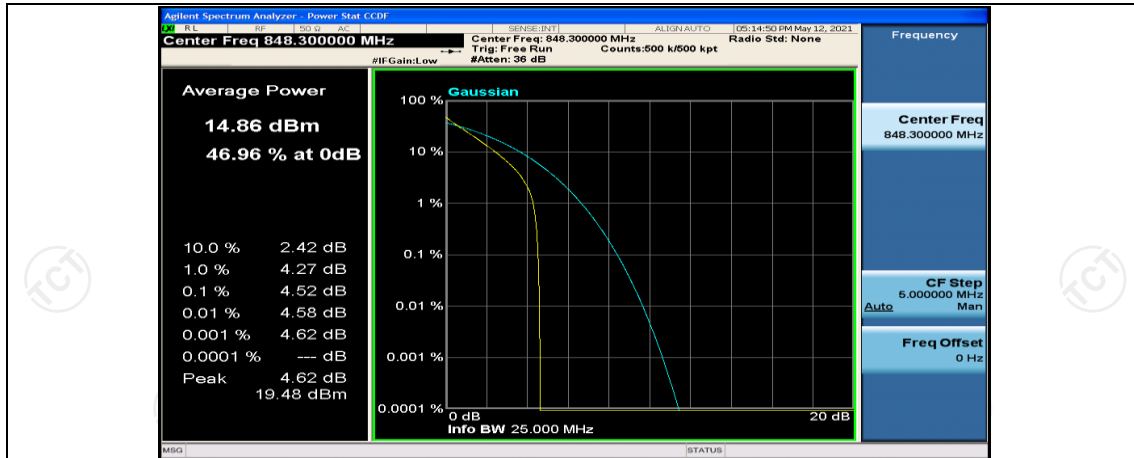


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

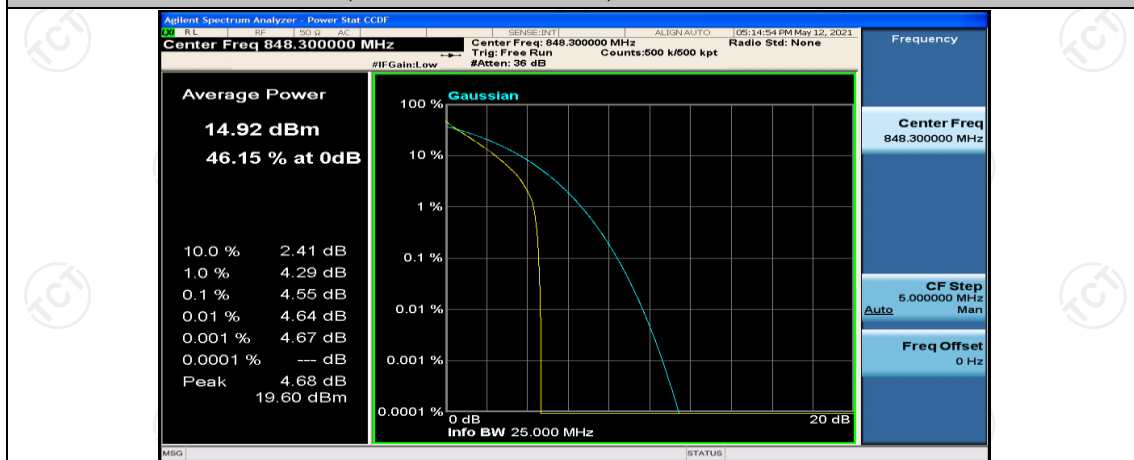


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3

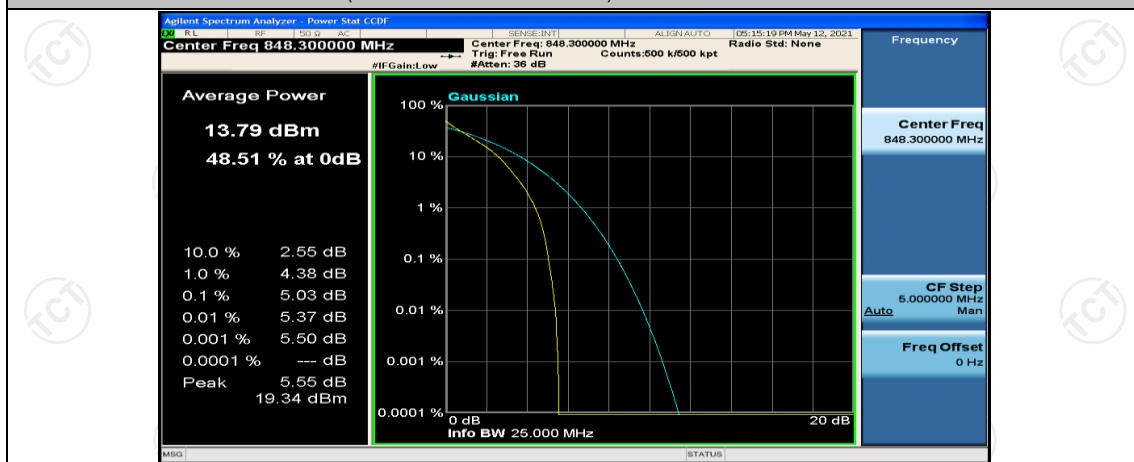




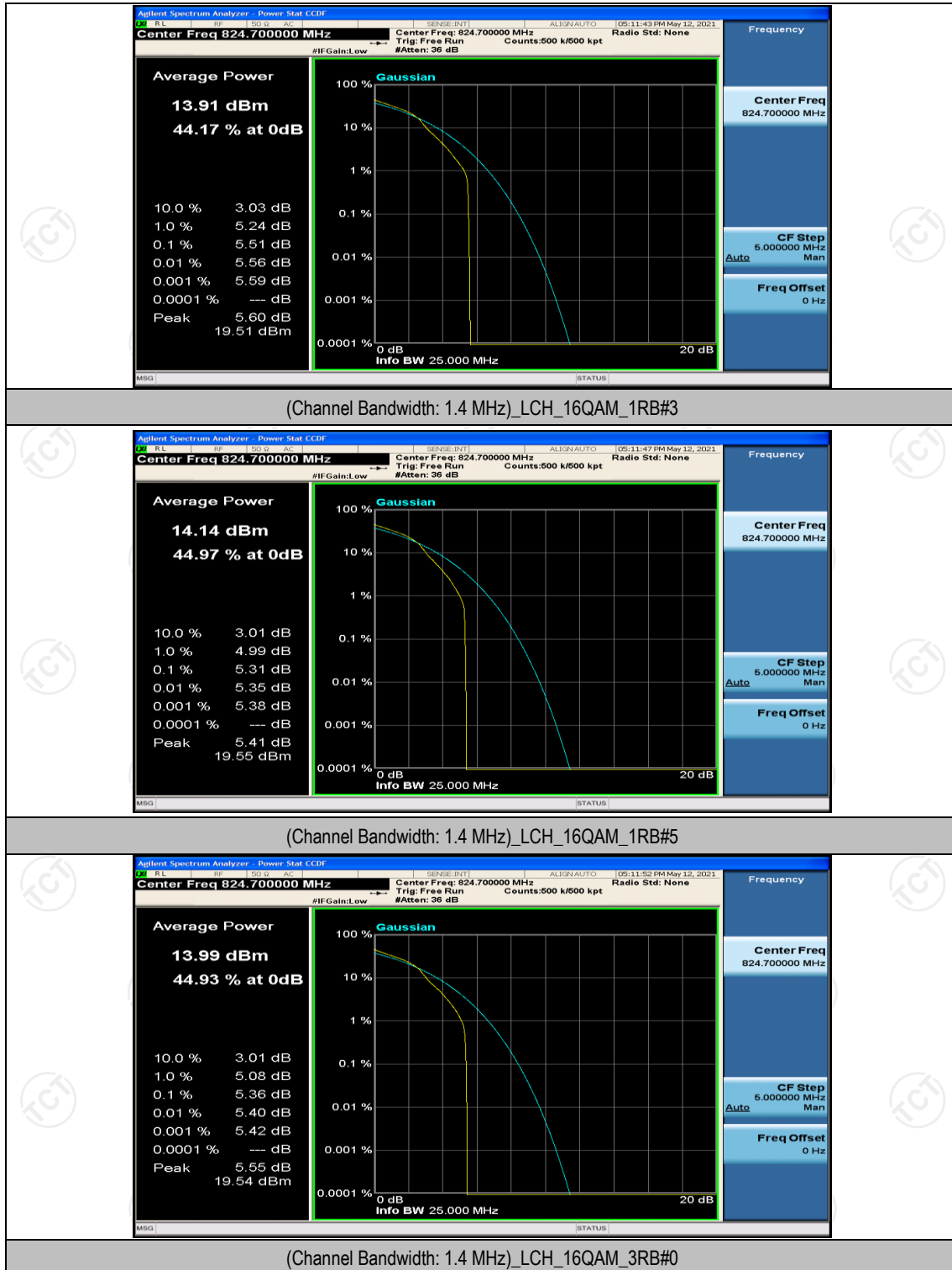
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3

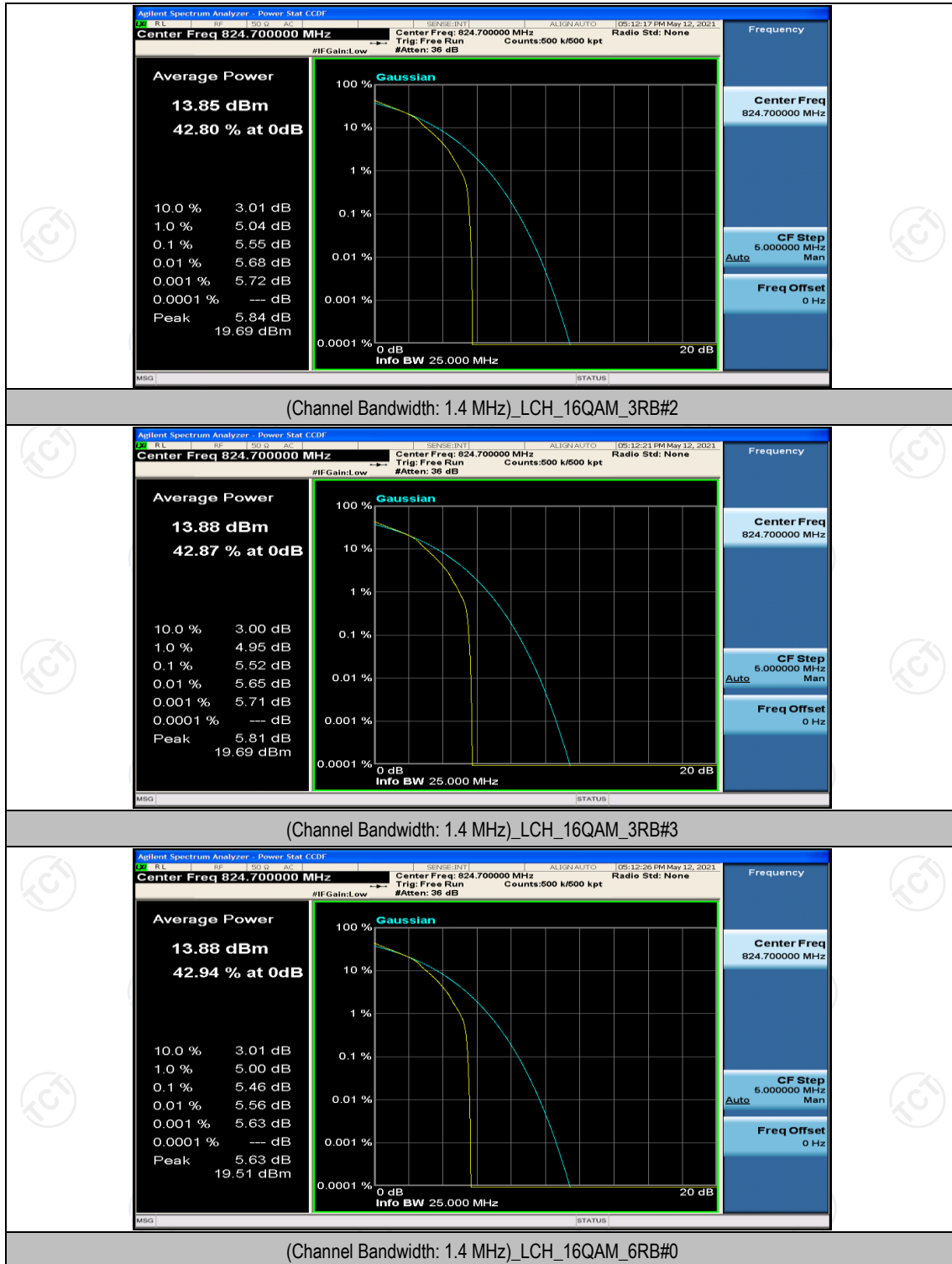


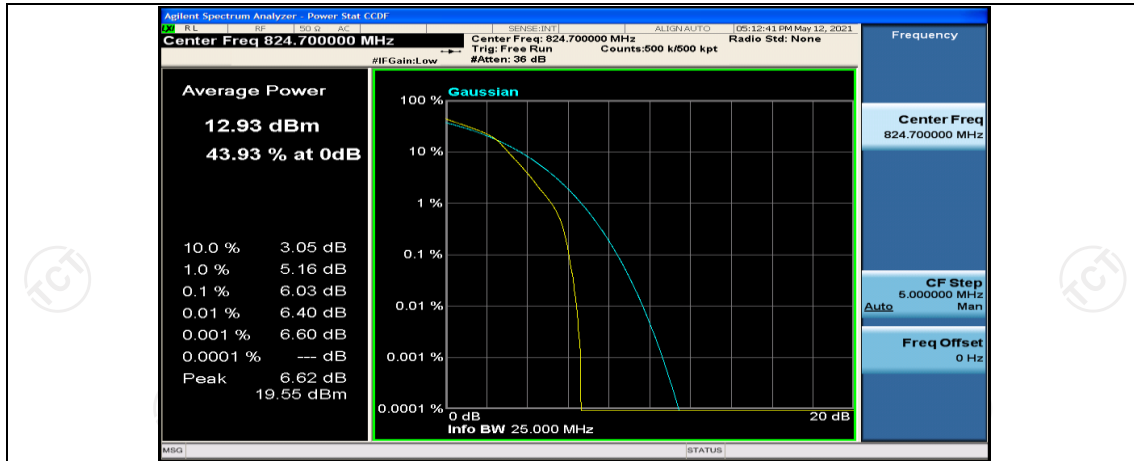
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



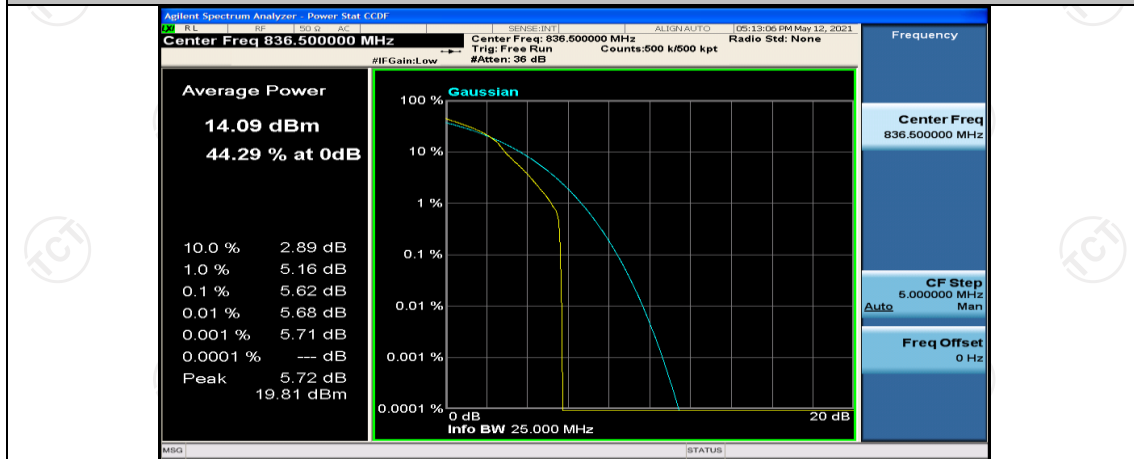
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



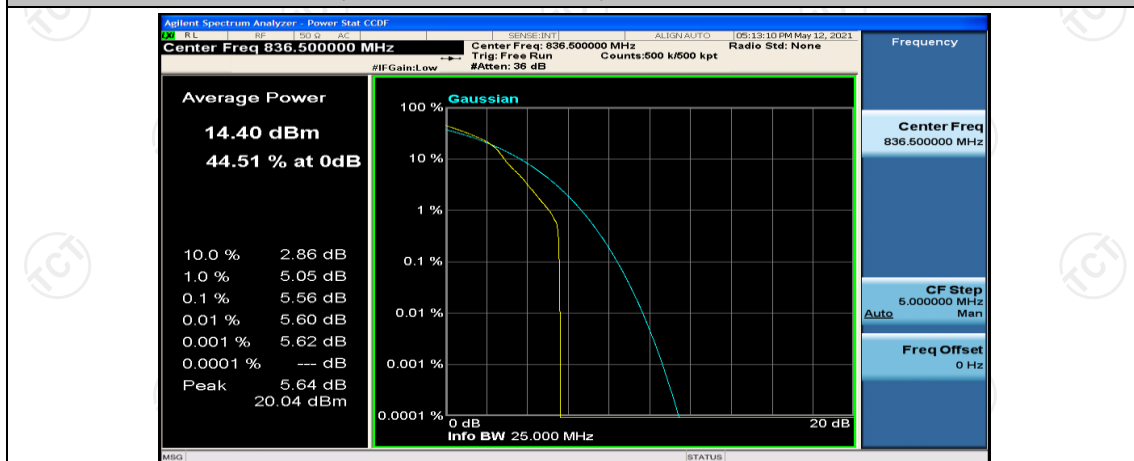




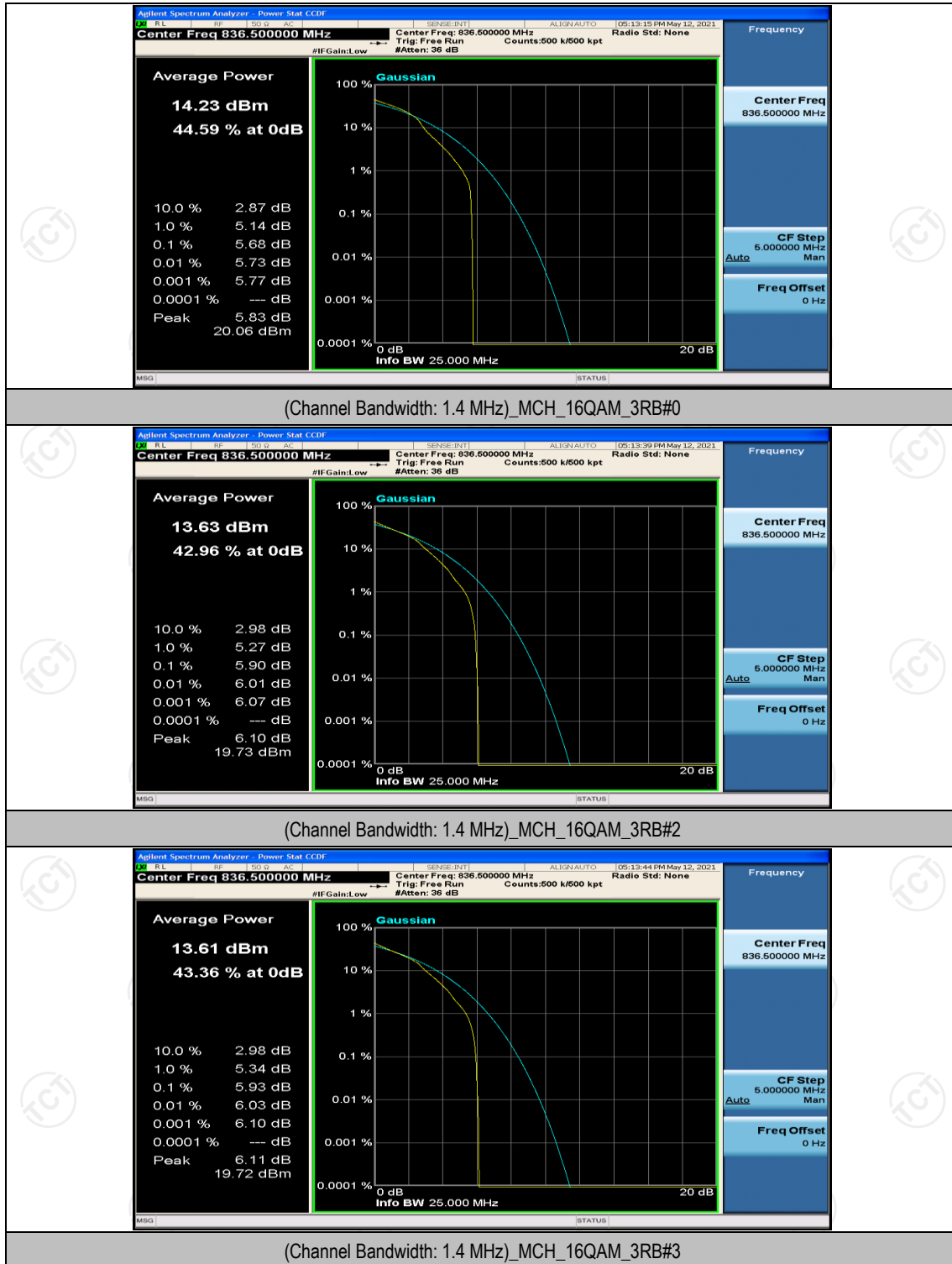
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

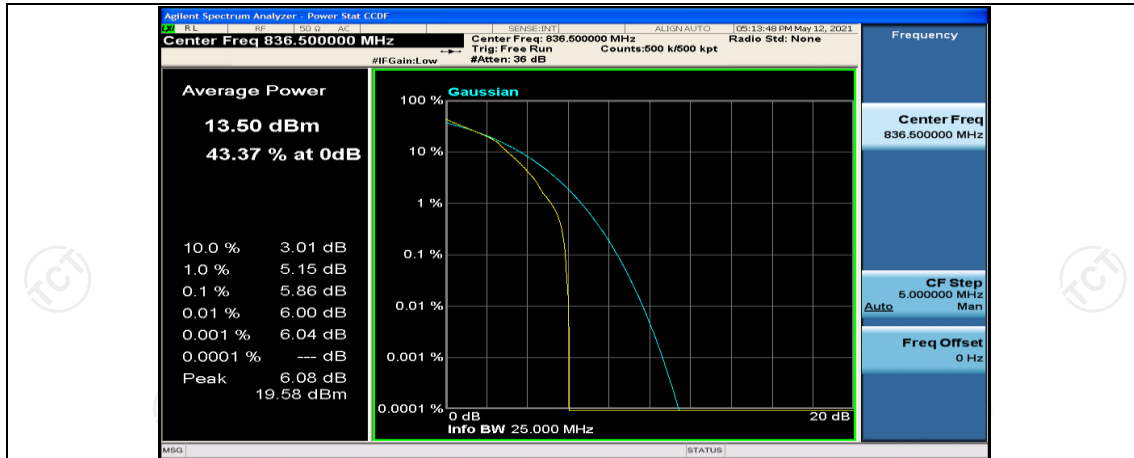


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

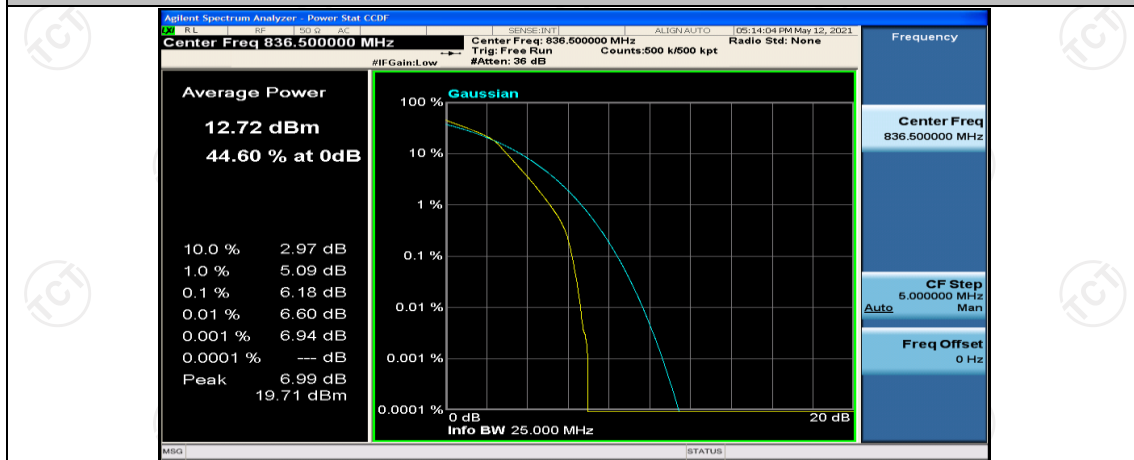


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5

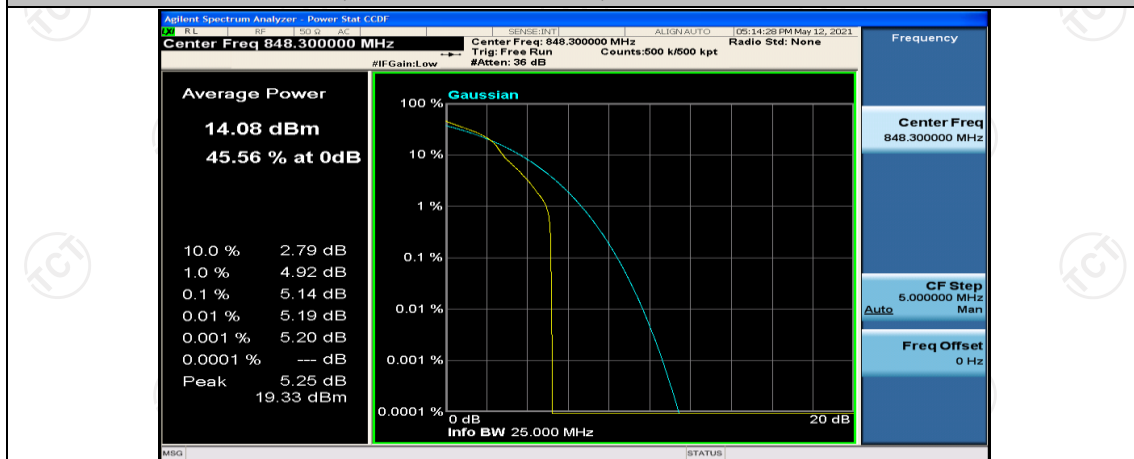




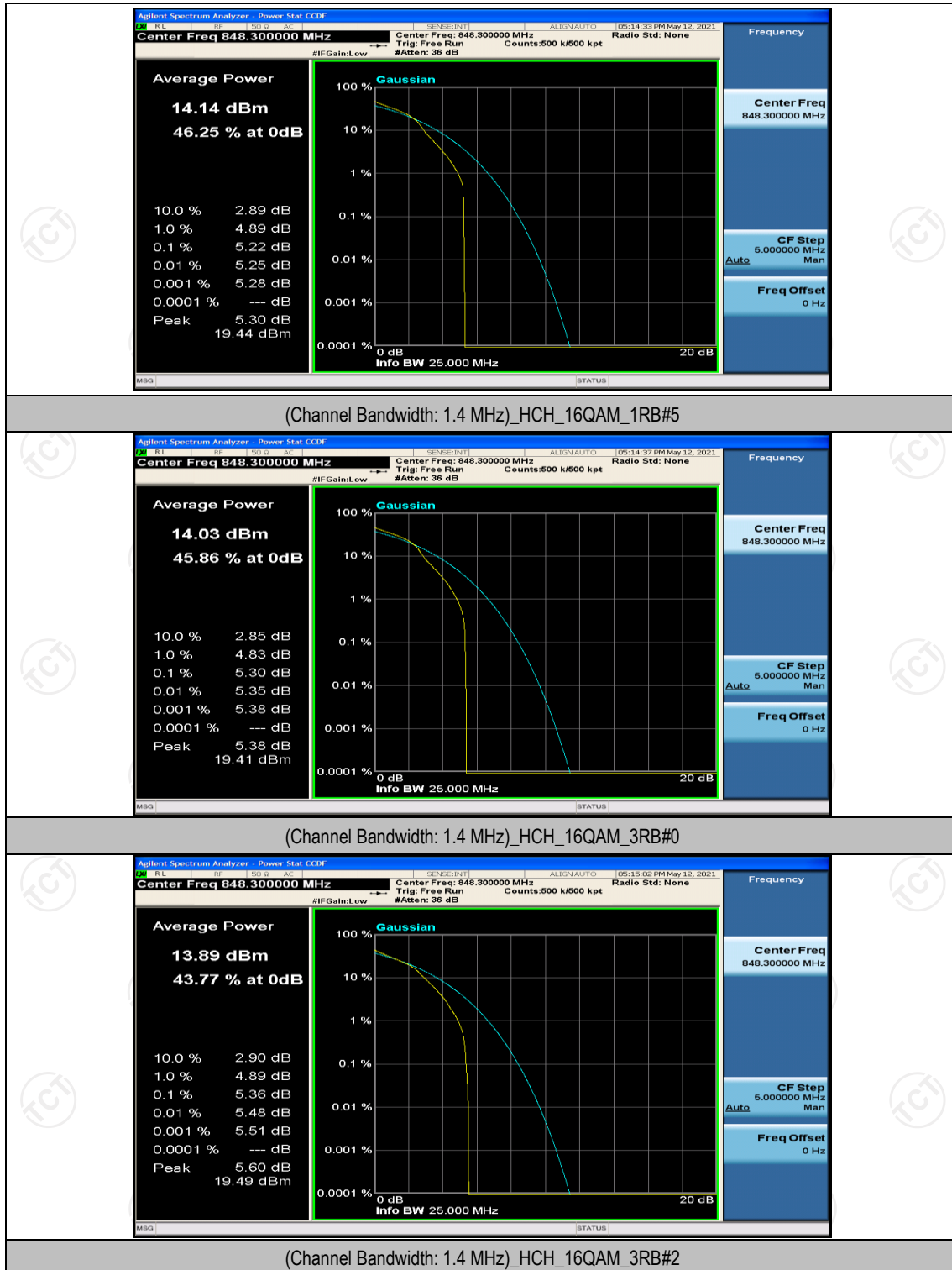
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0

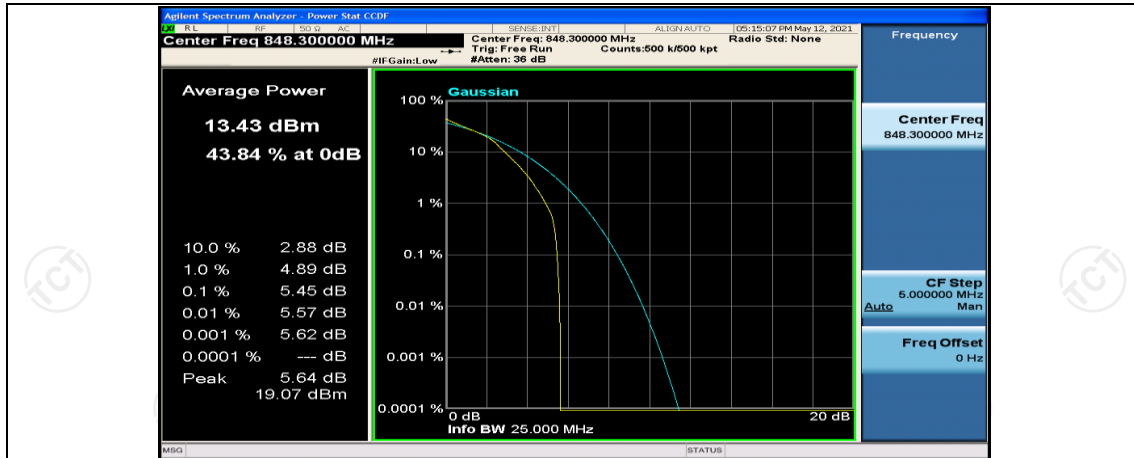


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0

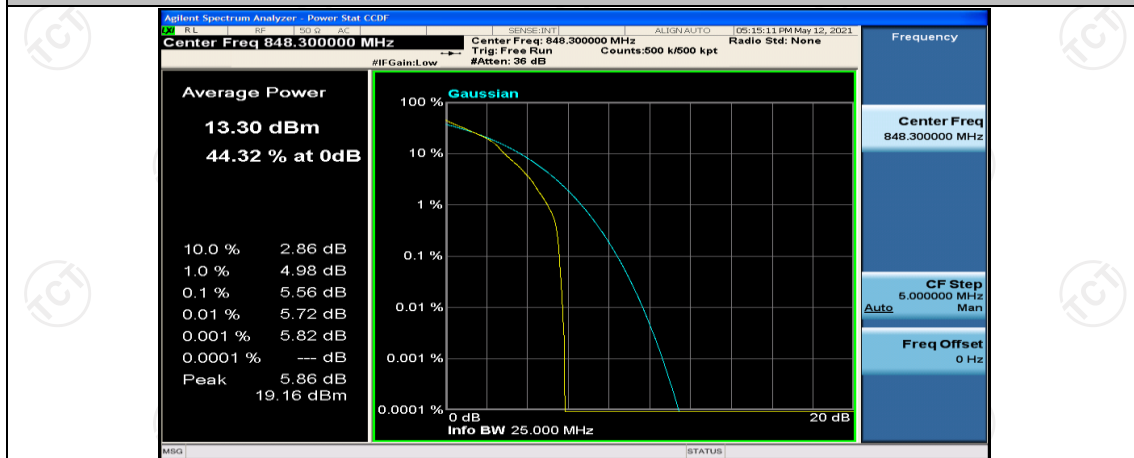


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3

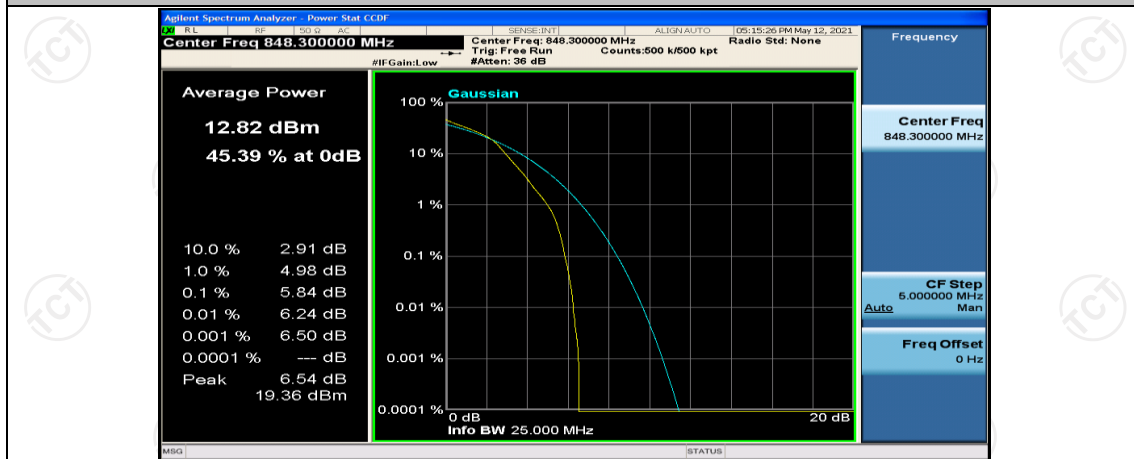




(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

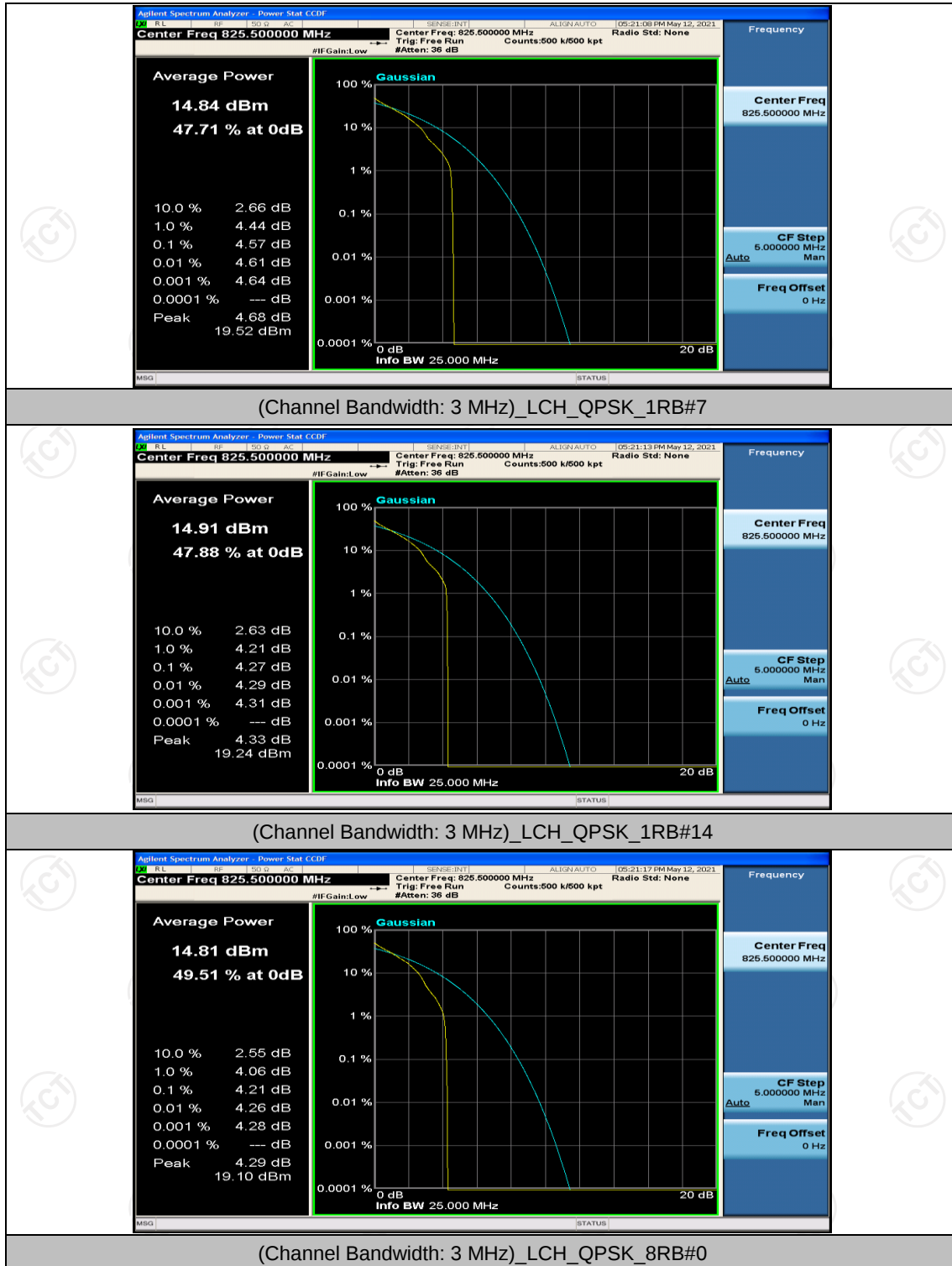


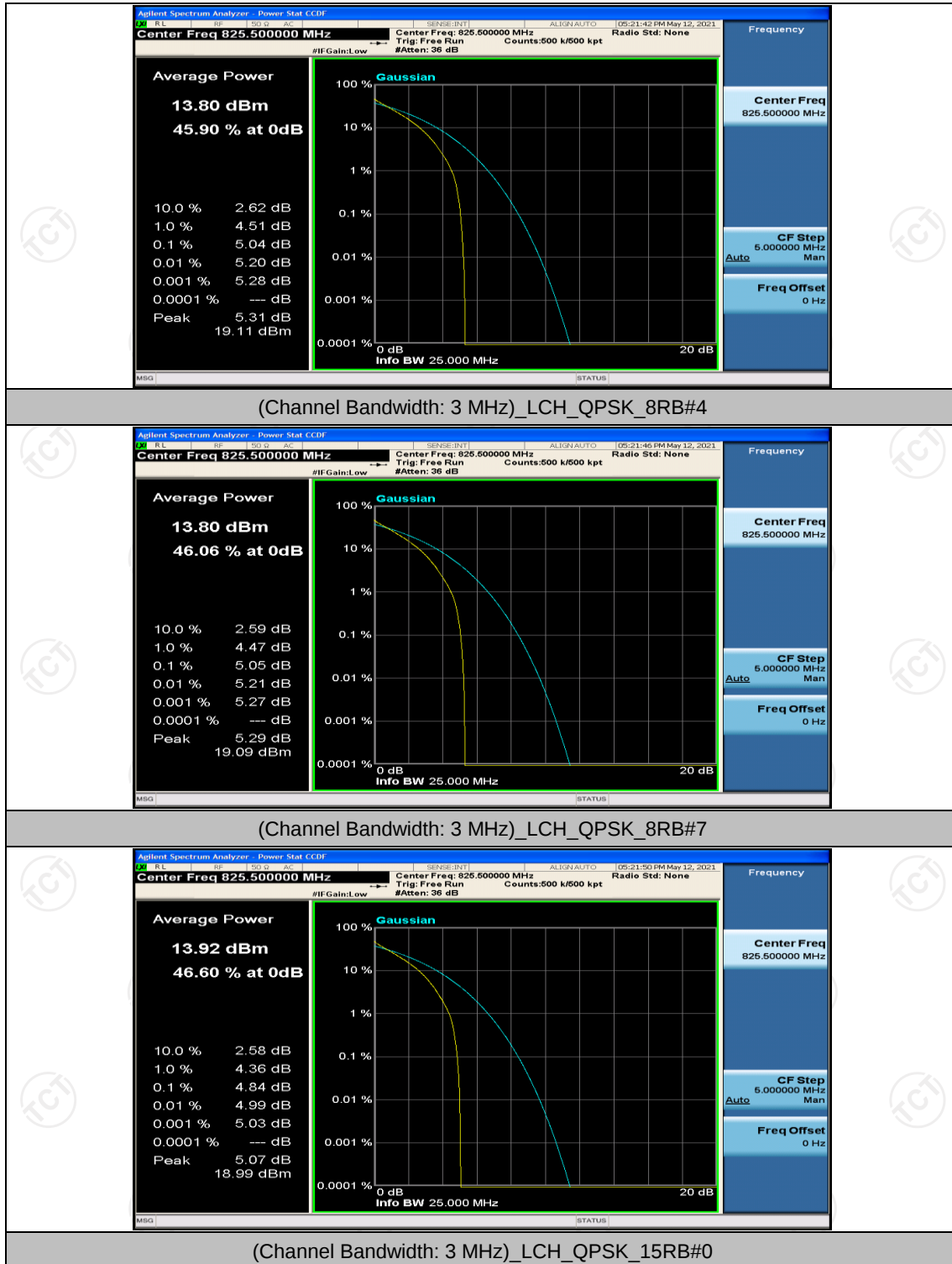
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

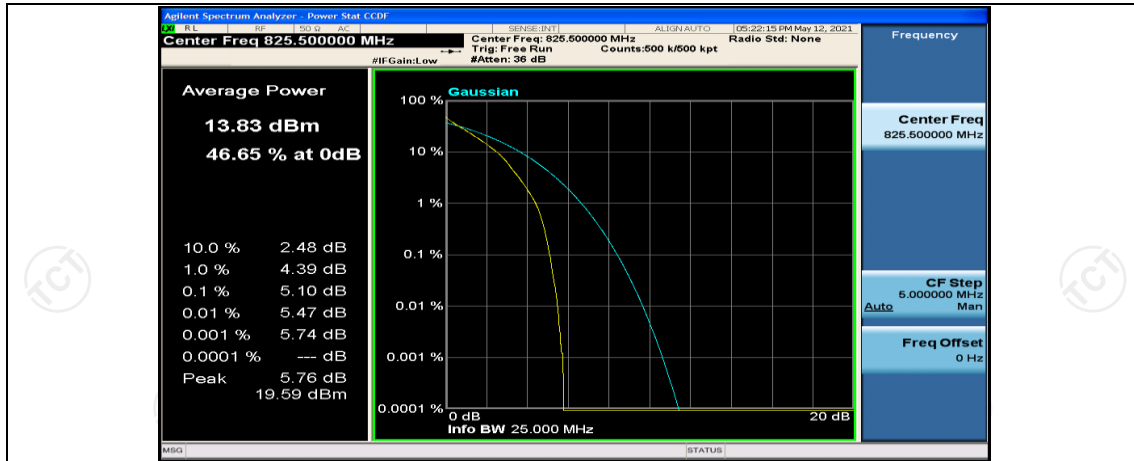


Channel Bandwidth: 3 MHz

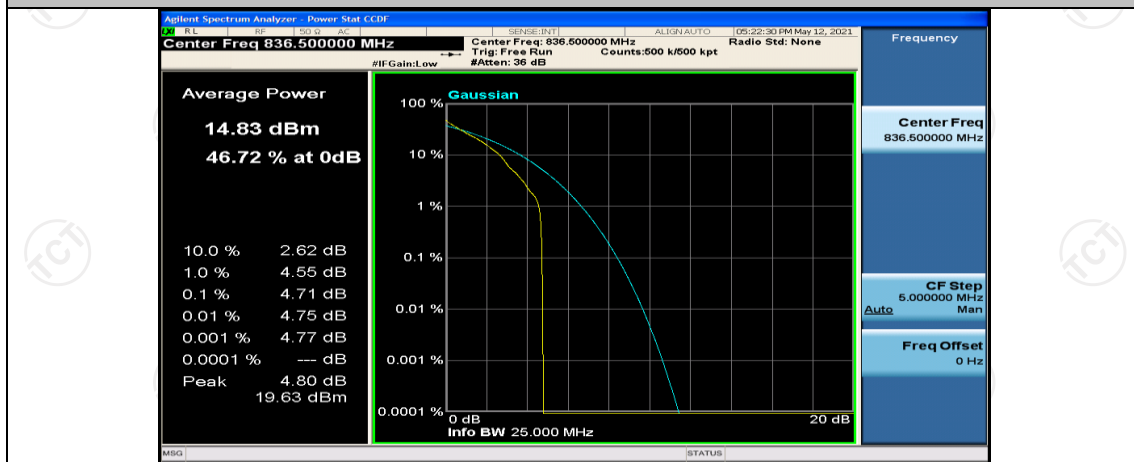
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



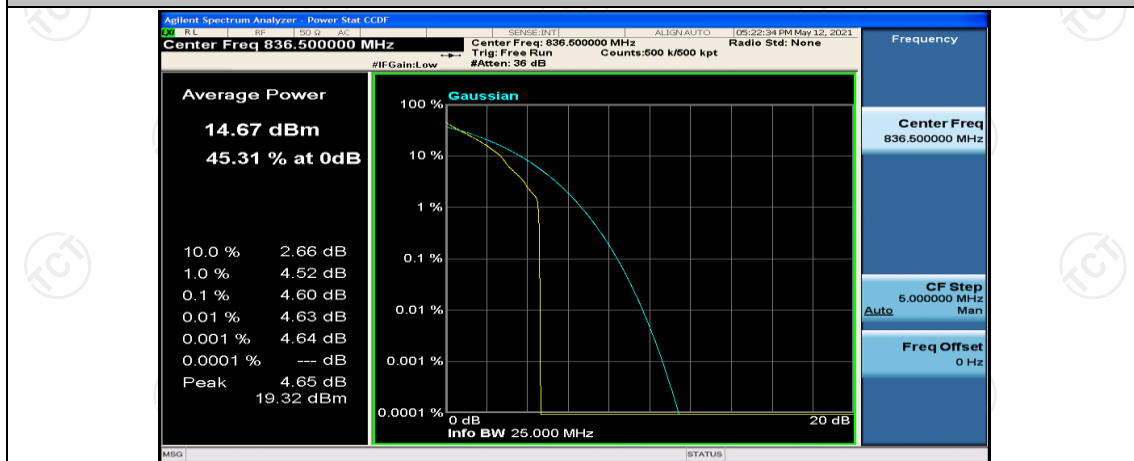




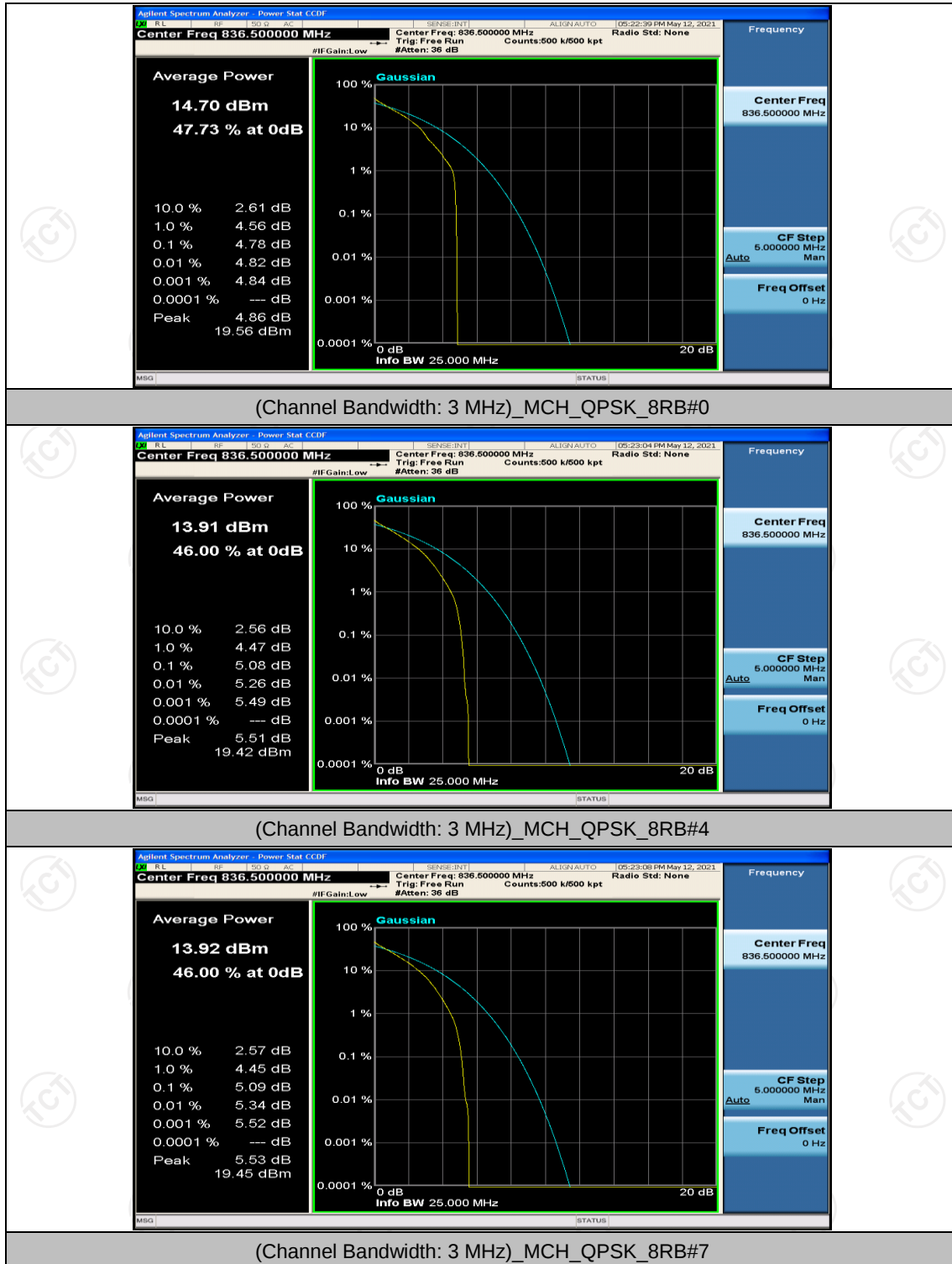
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

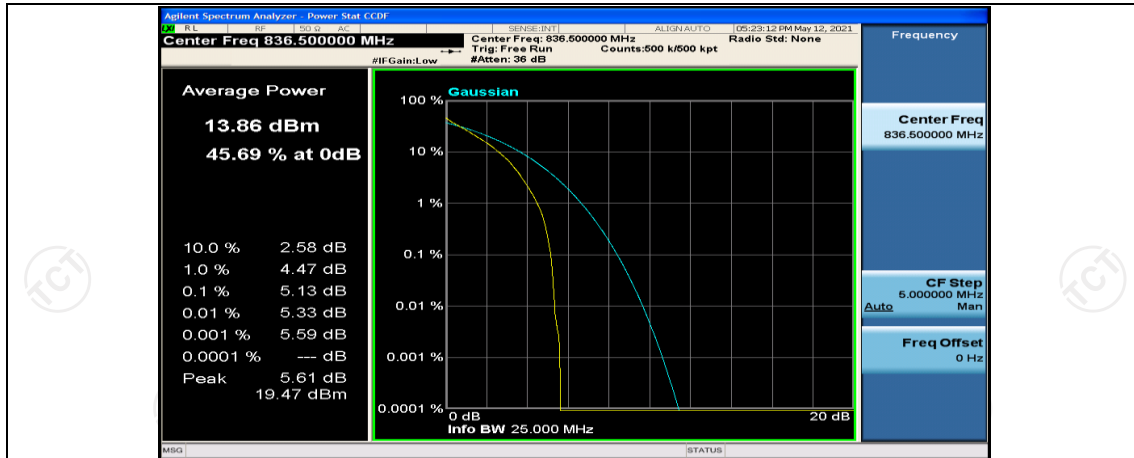


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

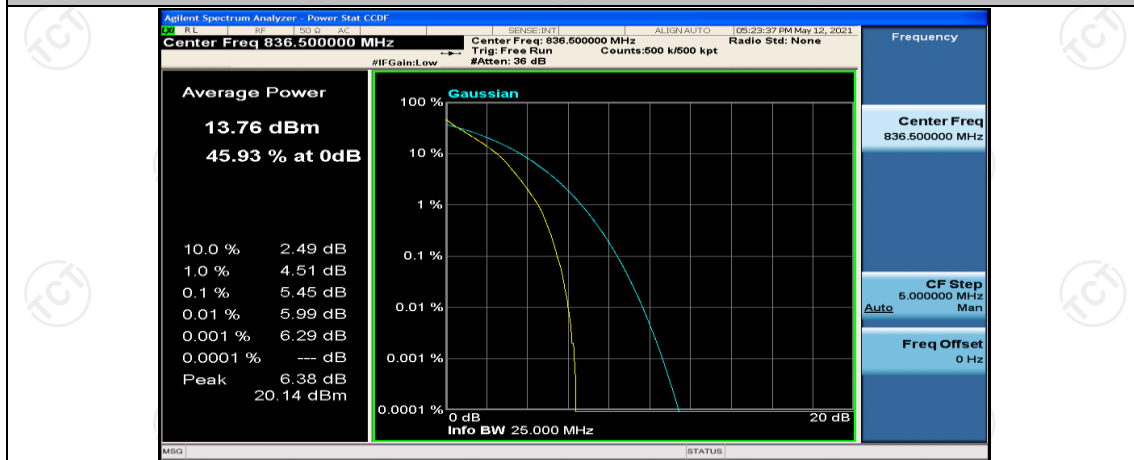


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

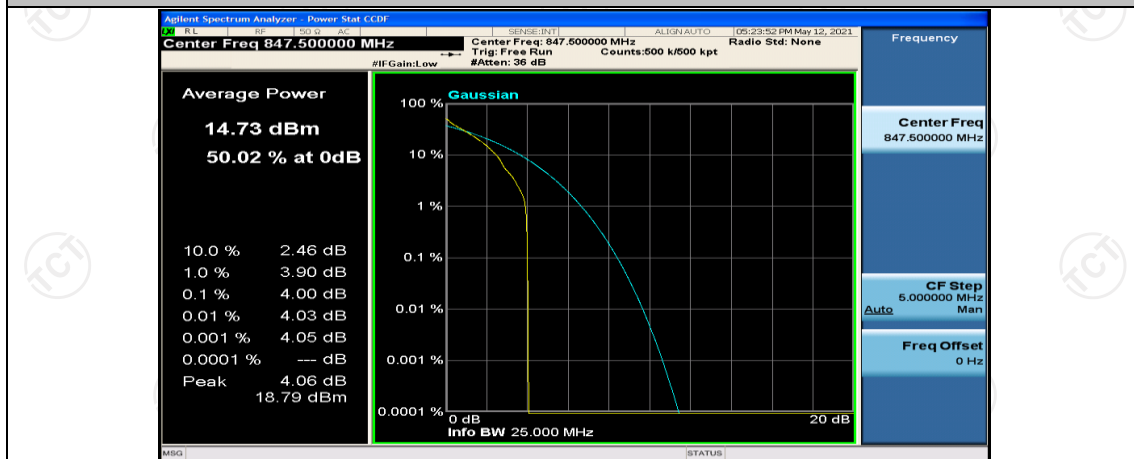




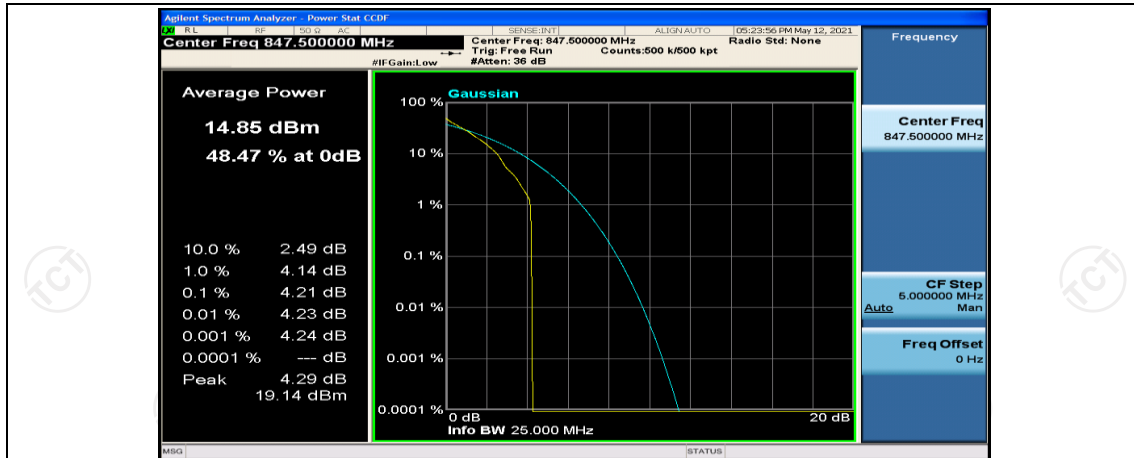
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



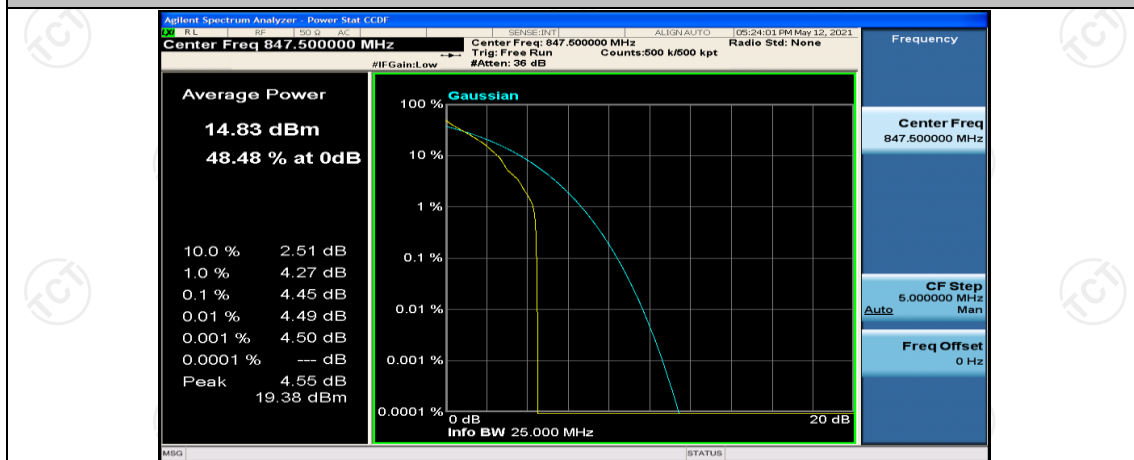
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



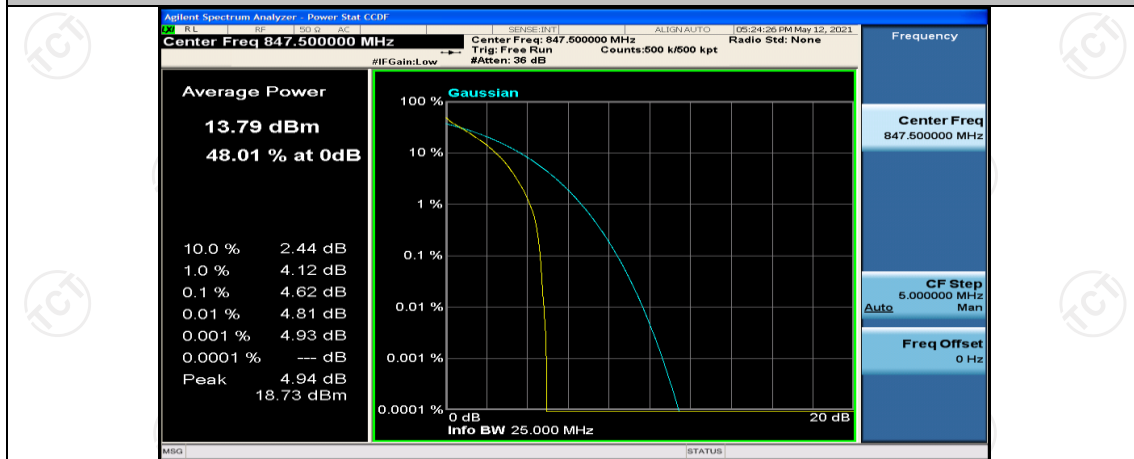
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



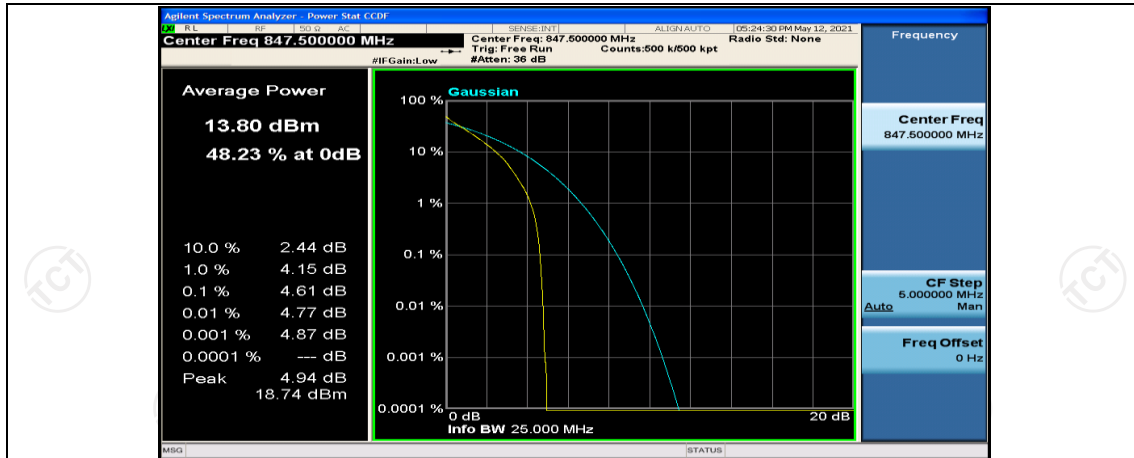
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



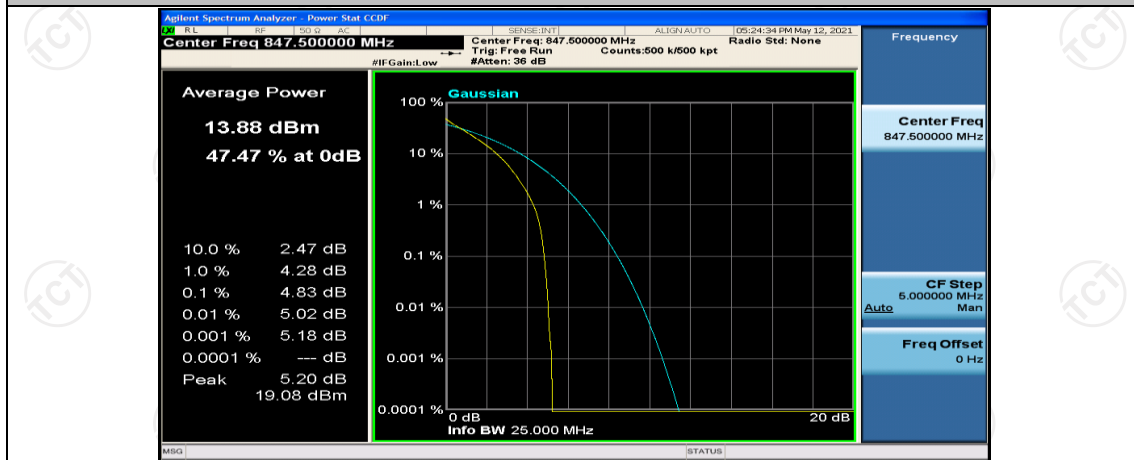
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



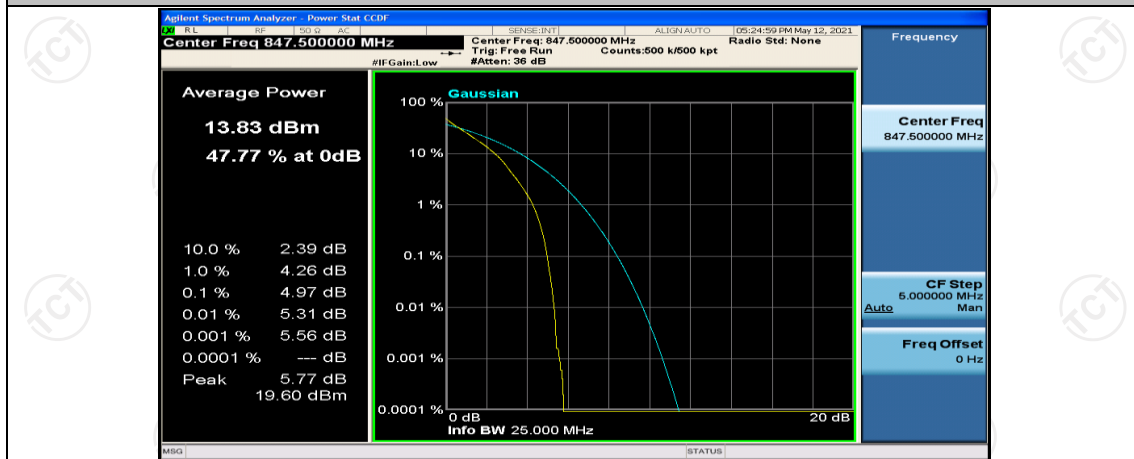
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4



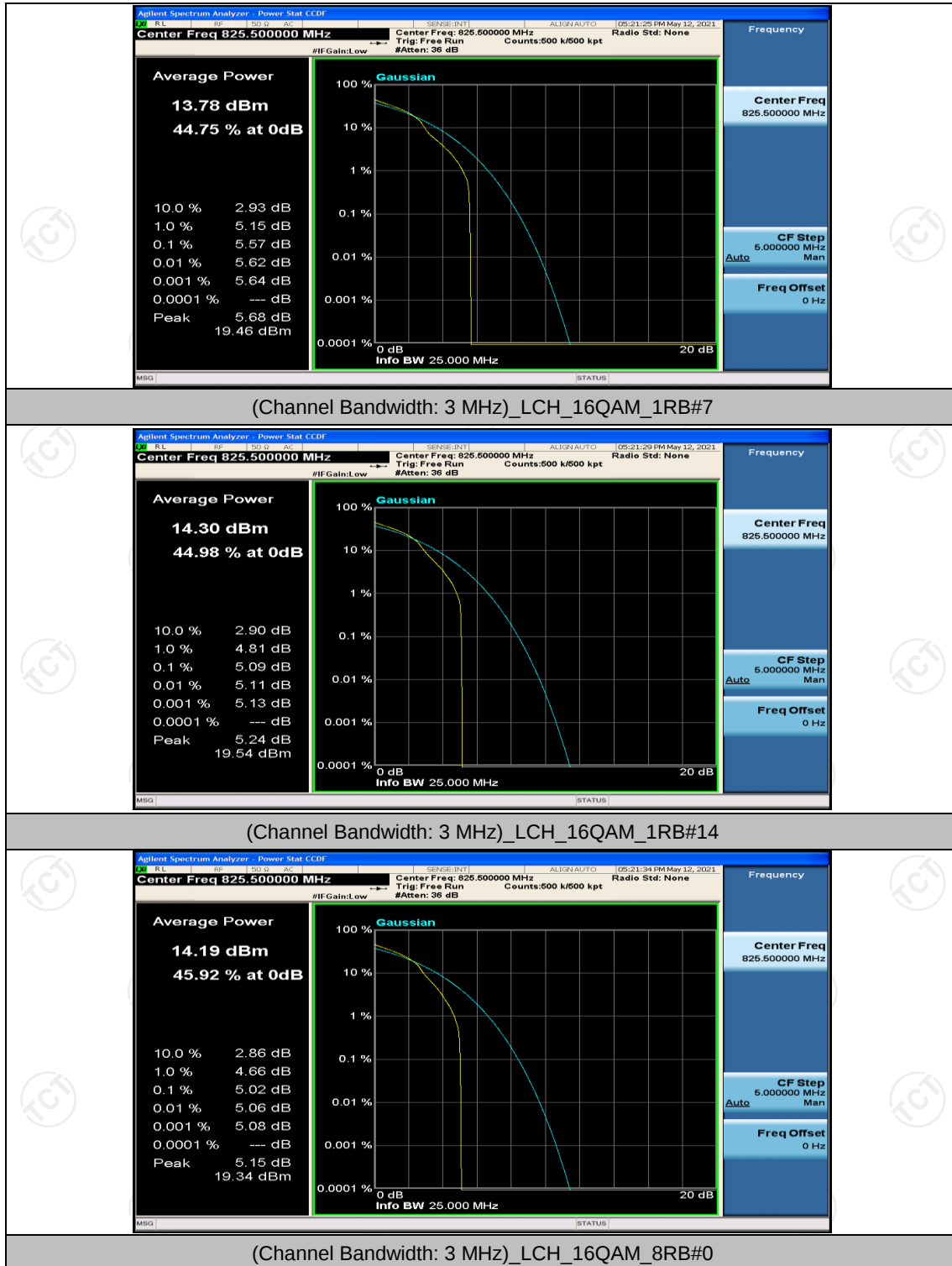
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7

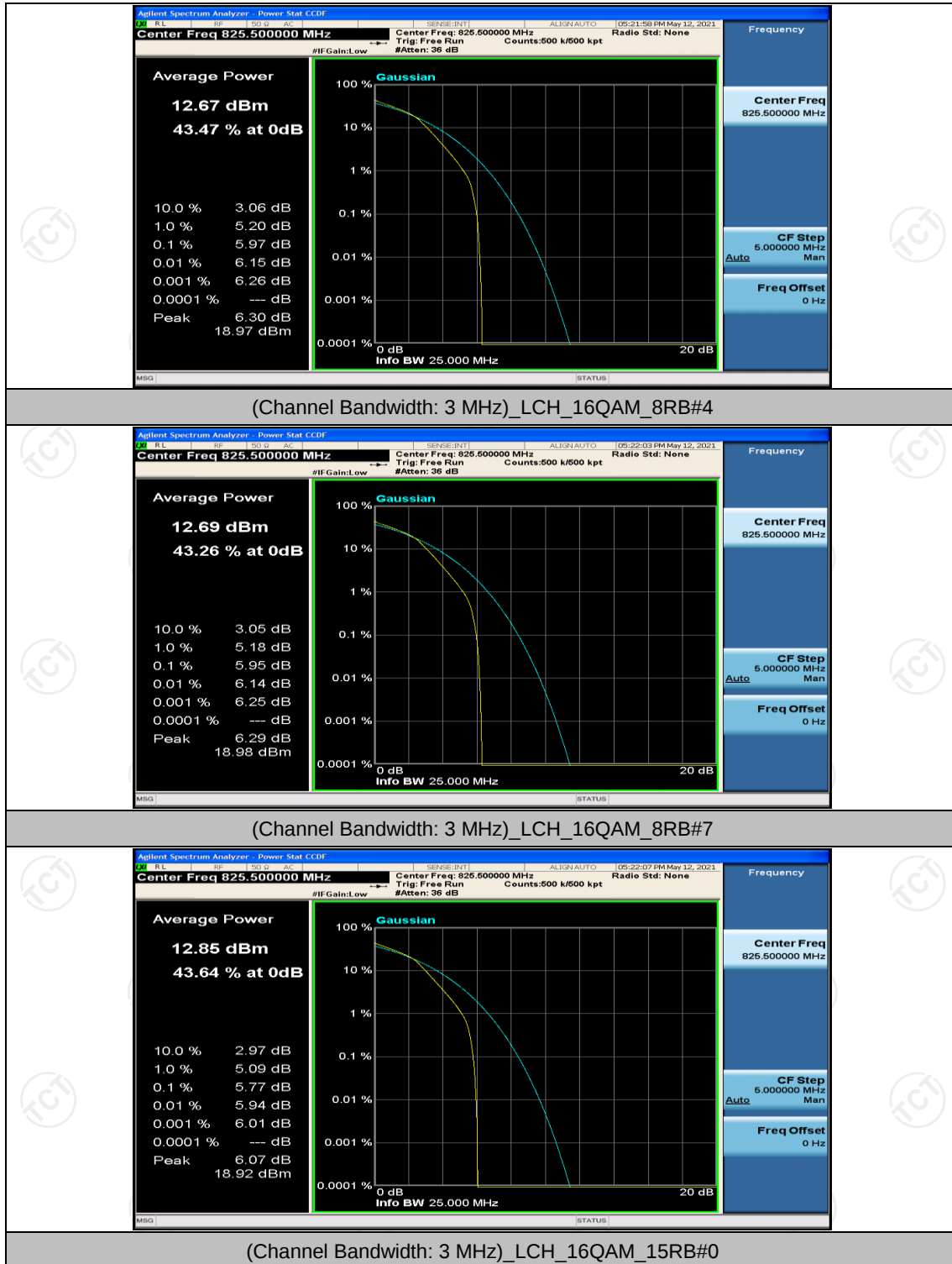


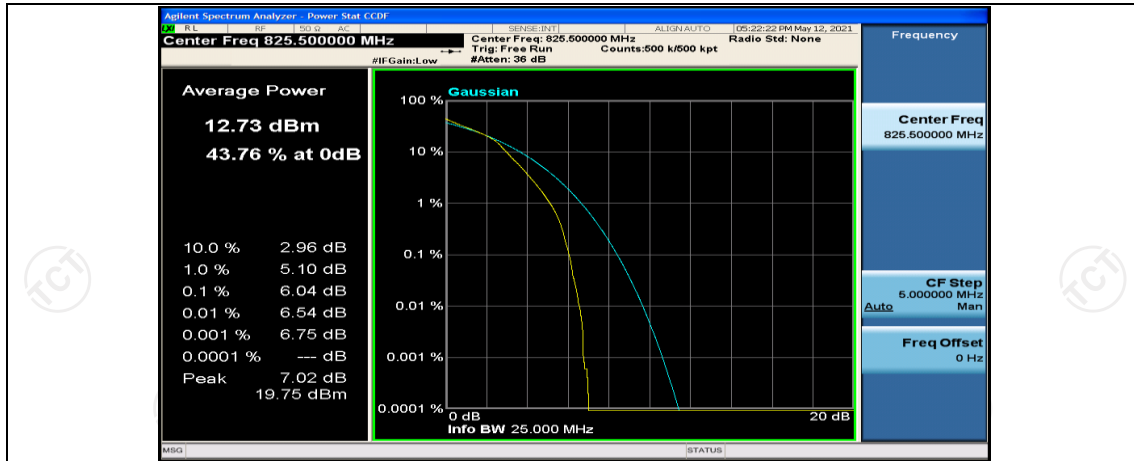
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



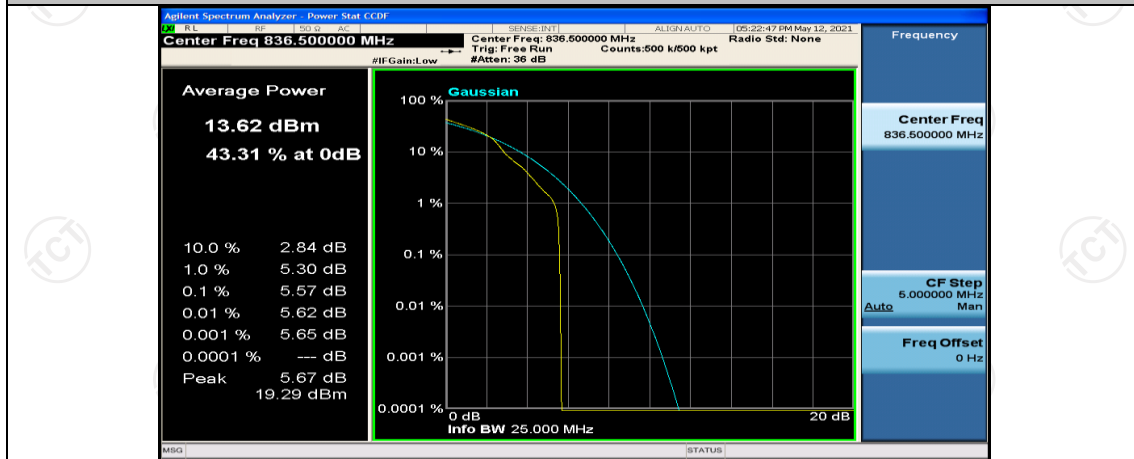
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



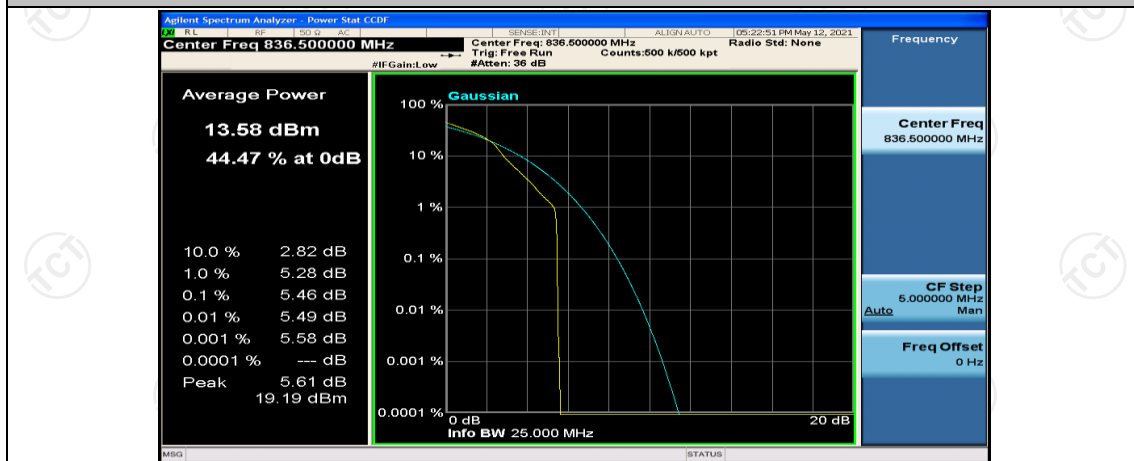




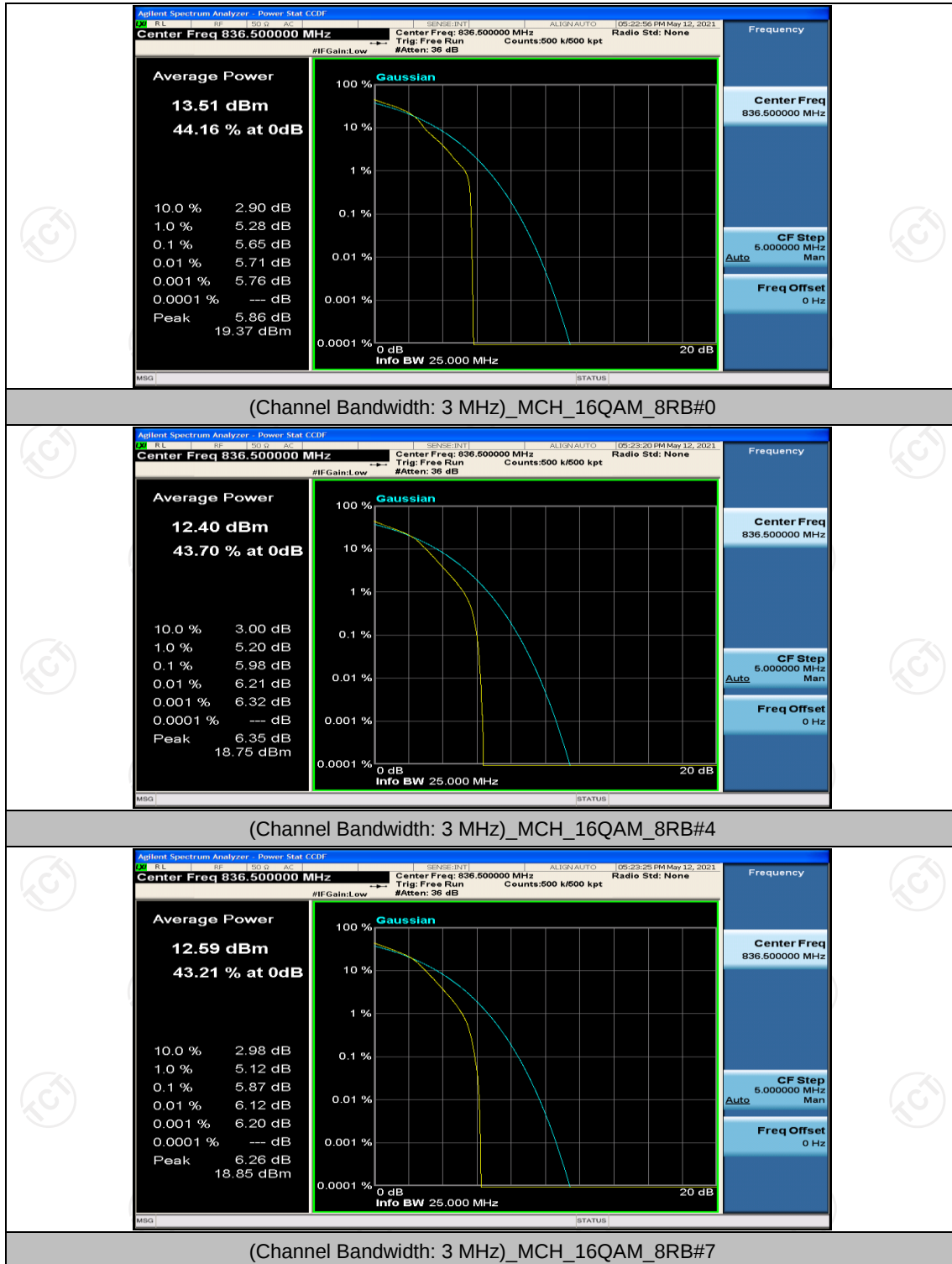
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

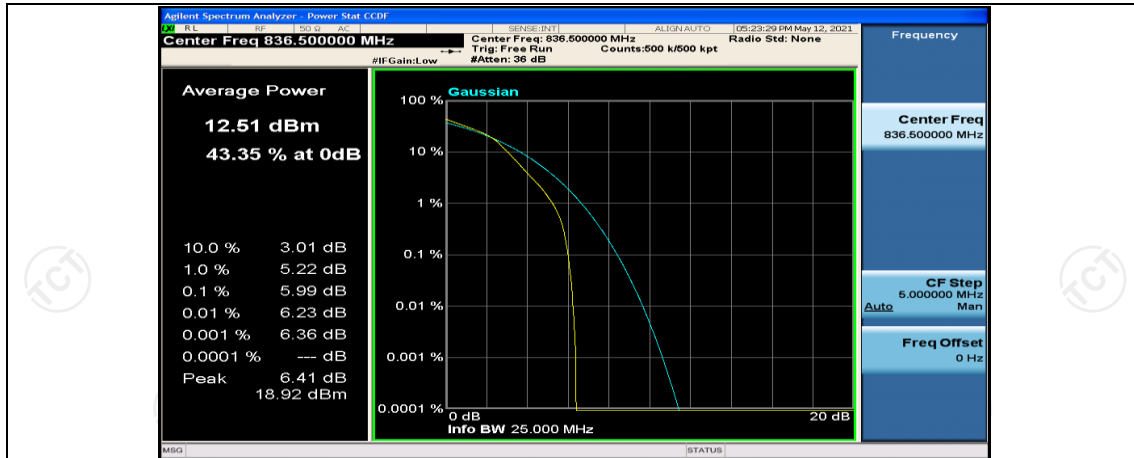


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

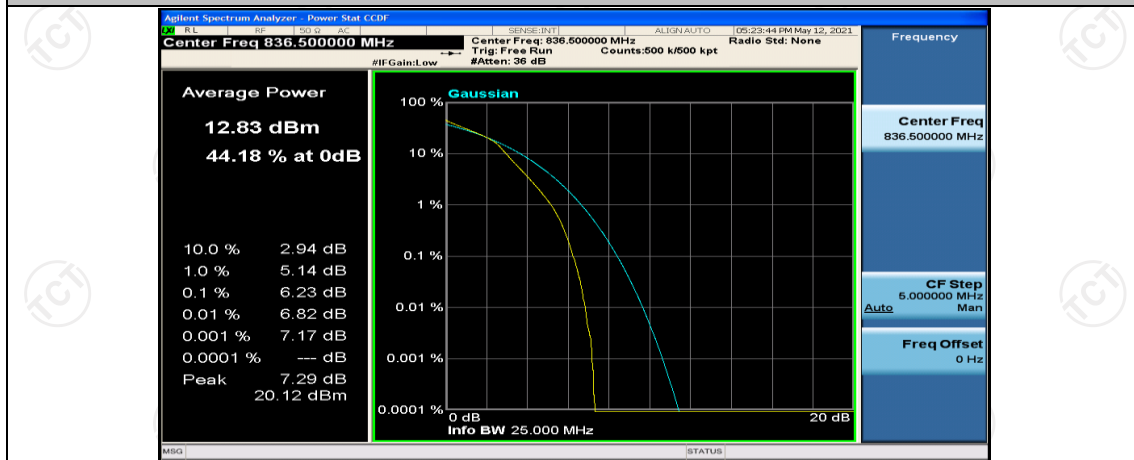


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

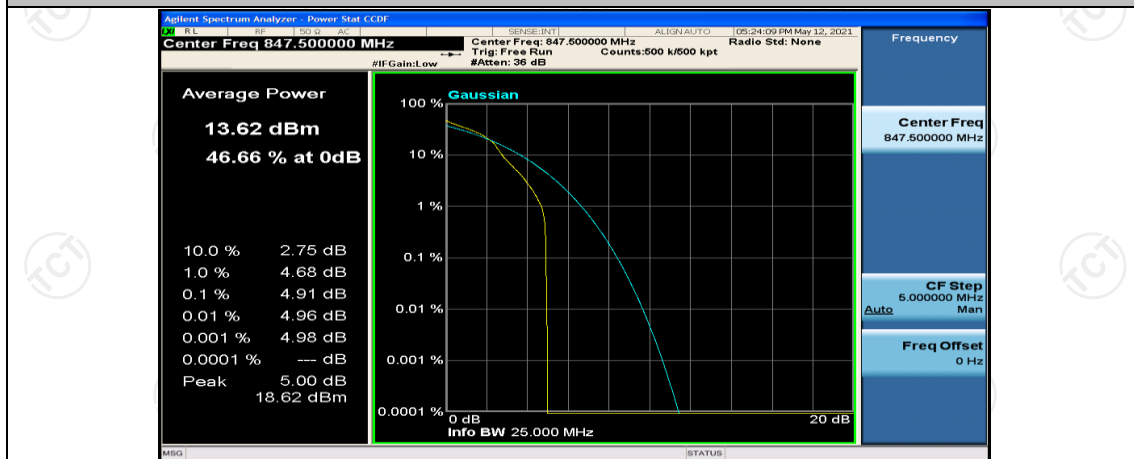




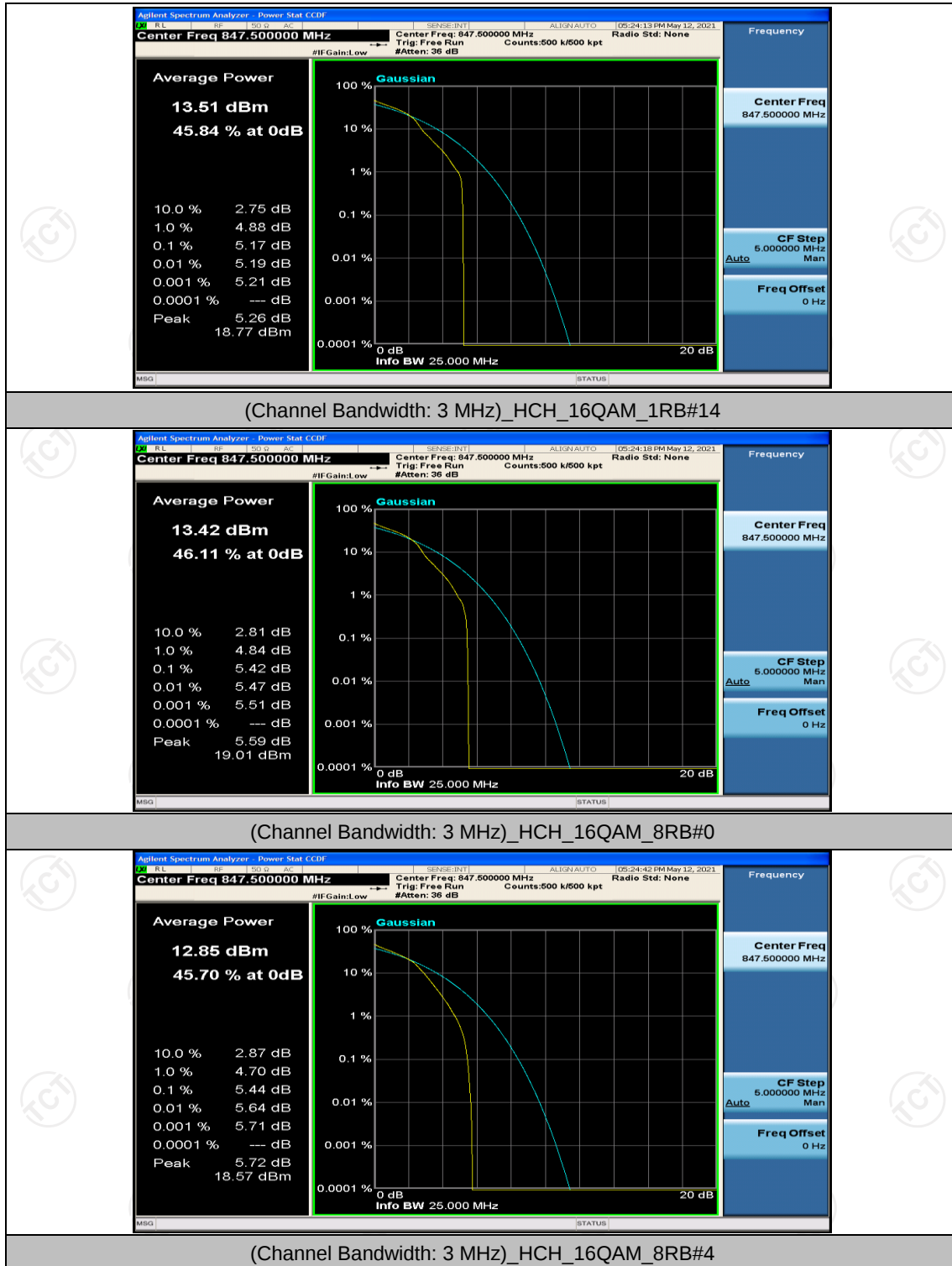
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0

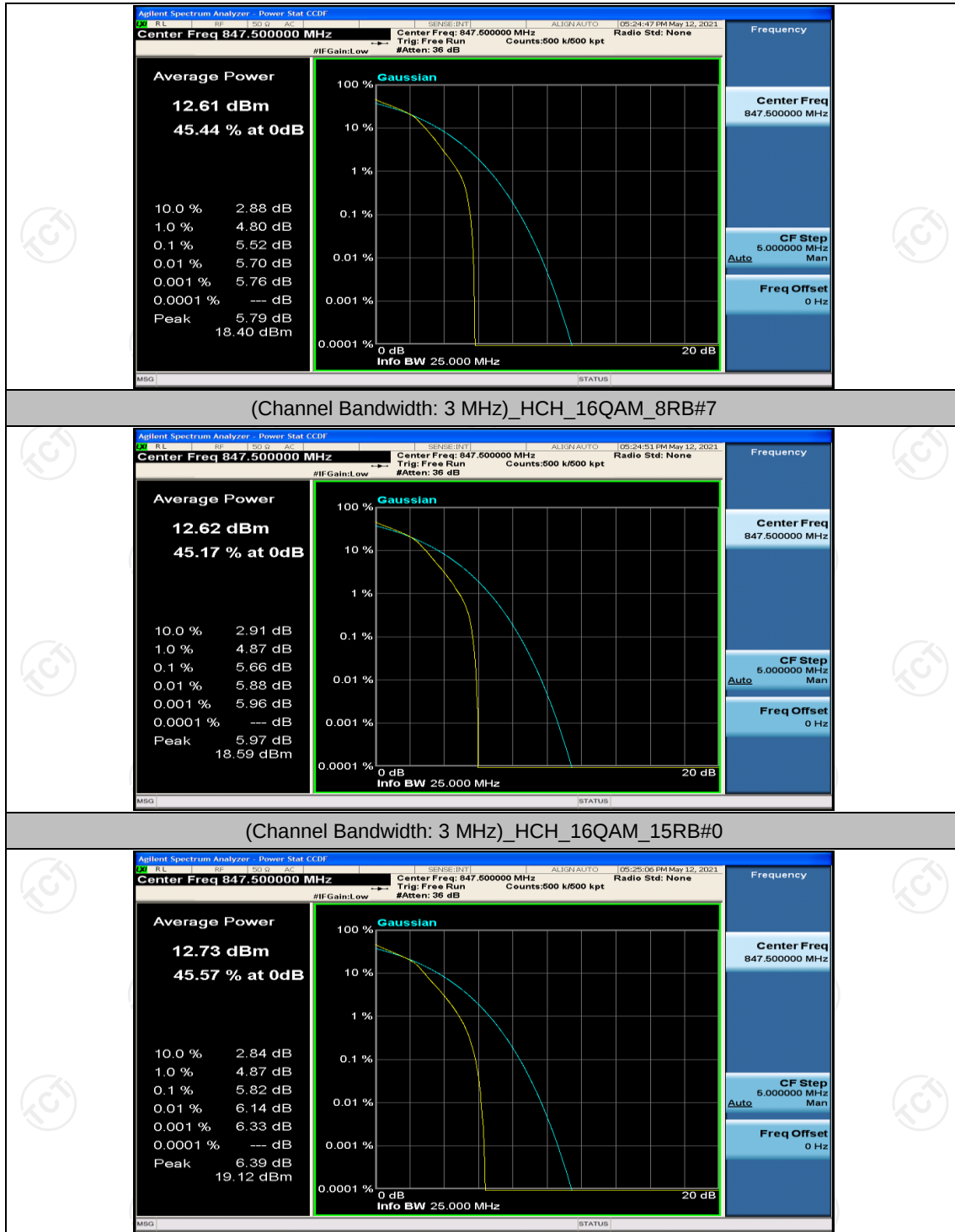


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7





Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0