

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	23.51	24.05	PASS
		1	3	23.61	24.15	PASS
		1	5	23.47	24.01	PASS
		3	0	23.49	24.03	PASS
		3	2	23.51	24.05	PASS
		3	3	23.49	24.03	PASS
		6	0	22.62	23.16	PASS
	MCH	1	0	23.50	24.04	PASS
		1	3	23.66	24.20	PASS
		1	5	23.52	24.06	PASS
		3	0	23.55	24.09	PASS
		3	2	23.55	24.09	PASS
		3	3	23.58	24.12	PASS
		6	0	22.69	23.23	PASS
	HCH	1	0	23.53	24.07	PASS
		1	3	23.64	24.18	PASS
		1	5	23.52	24.06	PASS
		3	0	23.47	24.01	PASS
		3	2	23.49	24.03	PASS
		3	3	23.49	24.03	PASS
		6	0	22.74	23.28	PASS
16QAM	LCH	1	0	22.57	23.11	PASS
		1	3	22.76	23.30	PASS
		1	5	22.55	23.09	PASS
		3	0	22.45	22.99	PASS
		3	2	22.47	23.01	PASS
		3	3	22.44	22.98	PASS
		6	0	21.59	22.13	PASS
	MCH	1	0	22.66	23.2	PASS
		1	3	22.83	23.37	PASS
		1	5	22.65	23.19	PASS
		3	0	22.52	23.06	PASS

		3	2	22.53	23.07	PASS
		3	3	22.52	23.06	PASS
		6	0	21.55	22.09	PASS
	HCH	1	0	22.43	22.97	PASS
		1	3	22.63	23.17	PASS
		1	5	22.42	22.96	PASS
		3	0	22.34	22.88	PASS
		3	2	22.34	22.88	PASS
		3	3	22.32	22.86	PASS
		6	0	21.58	22.12	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	23.52	24.06	PASS
		1	7	23.52	24.06	PASS
		1	14	23.53	24.07	PASS
		8	0	22.67	23.21	PASS
		8	4	22.65	23.19	PASS
		8	7	22.65	23.19	PASS
		15	0	22.57	23.11	PASS
	MCH	1	0	23.61	24.15	PASS
		1	7	23.59	24.13	PASS
		1	14	23.61	24.15	PASS
		8	0	22.66	23.20	PASS
		8	4	22.65	23.19	PASS
		8	7	22.67	23.21	PASS
		15	0	22.61	23.15	PASS
	HCH	1	0	23.60	24.14	PASS
		1	7	23.58	24.12	PASS
		1	14	23.59	24.13	PASS
		8	0	22.71	23.25	PASS
		8	4	22.68	23.22	PASS
		8	7	22.65	23.19	PASS
		15	0	22.59	23.13	PASS
16QAM	LCH	1	0	22.70	23.24	PASS
		1	7	22.7	23.24	PASS
		1	14	22.72	23.26	PASS
		8	0	21.66	22.20	PASS

		8	4	21.61	22.15	PASS
		8	7	21.60	22.14	PASS
		15	0	21.53	22.07	PASS
	MCH	1	0	22.80	23.34	PASS
		1	7	22.72	23.26	PASS
		1	14	22.69	23.23	PASS
		8	0	21.61	22.15	PASS
		8	4	21.62	22.16	PASS
		8	7	21.59	22.13	PASS
		15	0	21.55	22.09	PASS
	HCH	1	0	22.54	23.08	PASS
		1	7	22.55	23.09	PASS
		1	14	22.53	23.07	PASS
		8	0	21.63	22.17	PASS
		8	4	21.60	22.14	PASS
		8	7	21.56	22.10	PASS
		15	0	21.46	22.00	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	23.52	24.06	PASS
		1	12	23.63	24.17	PASS
		1	24	23.55	24.09	PASS
		12	0	22.63	23.17	PASS
		12	6	22.63	23.17	PASS
		12	13	22.59	23.13	PASS
		25	0	22.66	23.20	PASS
	MCH	1	0	23.56	24.10	PASS
		1	12	23.64	24.18	PASS
		1	24	23.53	24.07	PASS
		12	0	22.64	23.18	PASS
		12	6	22.64	23.18	PASS
		12	13	22.57	23.11	PASS
		25	0	22.60	23.14	PASS
	HCH	1	0	23.61	24.15	PASS
		1	12	23.67	24.21	PASS
		1	24	23.56	24.10	PASS
		12	0	22.57	23.11	PASS

16QAM		12	6	22.56	23.10	PASS
		12	13	22.51	23.05	PASS
		25	0	22.57	23.11	PASS
	LCH	1	0	22.51	23.05	PASS
		1	12	22.66	23.20	PASS
		1	24	22.60	23.14	PASS
		12	0	21.58	22.12	PASS
		12	6	21.57	22.11	PASS
		12	13	21.57	22.11	PASS
		25	0	21.60	22.14	PASS
	MCH	1	0	22.78	23.32	PASS
		1	12	22.86	23.40	PASS
		1	24	22.69	23.23	PASS
		12	0	21.64	22.18	PASS
		12	6	21.63	22.17	PASS
		12	13	21.60	22.14	PASS
		25	0	21.54	22.08	PASS
	HCH	1	0	22.66	23.20	PASS
		1	12	22.70	23.24	PASS
		1	24	22.53	23.07	PASS
		12	0	21.60	22.14	PASS
		12	6	21.59	22.13	PASS
		12	13	21.48	22.02	PASS
		25	0	21.57	22.11	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	23.49	24.03	PASS
		1	24	23.68	24.22	PASS
		1	49	23.55	24.09	PASS
		25	0	22.72	23.26	PASS
		25	12	22.71	23.25	PASS
		25	25	22.82	23.36	PASS
		50	0	22.72	23.26	PASS
	MCH	1	0	23.61	24.15	PASS
		1	24	23.70	24.24	PASS
		1	49	23.55	24.09	PASS
		25	0	22.66	23.20	PASS

		25	12	22.66	23.20	PASS
		25	25	22.56	23.10	PASS
		50	0	22.59	23.13	PASS
	HCH	1	0	23.59	24.13	PASS
		1	24	23.70	24.24	PASS
		1	49	23.56	24.10	PASS
		25	0	22.82	23.36	PASS
		25	12	22.81	23.35	PASS
		25	25	22.77	23.31	PASS
		50	0	22.73	23.27	PASS
16QAM	LCH	1	0	22.70	23.24	PASS
		1	24	22.85	23.39	PASS
		1	49	22.78	23.32	PASS
		25	0	21.65	22.19	PASS
		25	12	21.63	22.17	PASS
		25	25	21.75	22.29	PASS
		50	0	21.70	22.24	PASS
	MCH	1	0	22.79	23.33	PASS
		1	24	22.85	23.39	PASS
		1	49	22.70	23.24	PASS
		25	0	21.62	22.16	PASS
		25	12	21.65	22.19	PASS
		25	25	21.55	22.09	PASS
		50	0	21.54	22.08	PASS
	HCH	1	0	22.55	23.09	PASS
		1	24	22.66	23.20	PASS
		1	49	22.49	23.03	PASS
		25	0	21.82	22.36	PASS
		25	12	21.80	22.34	PASS
		25	25	21.76	22.30	PASS
		50	0	21.75	22.29	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	3.99	<13	PASS
		1	5	4.07	<13	PASS
		3	0	4.06	<13	PASS
		3	2	4.07	<13	PASS
		3	3	4.09	<13	PASS
		6	0	4.66	<13	PASS
	MCH	1	0	4.43	<13	PASS
		1	3	4.29	<13	PASS
		1	5	4.29	<13	PASS
		3	0	4.44	<13	PASS
		3	2	4.41	<13	PASS
		3	3	4.4	<13	PASS
		6	0	4.92	<13	PASS
	HCH	1	0	3.54	<13	PASS
		1	3	3.08	<13	PASS
		1	5	3.04	<13	PASS
		3	0	3.54	<13	PASS
		3	2	3.51	<13	PASS
		3	3	3.22	<13	PASS
		6	0	4.1	<13	PASS
16QAM	LCH	1	0	5.03	<13	PASS
		1	3	4.86	<13	PASS
		1	5	5.01	<13	PASS
		3	0	4.88	<13	PASS
		3	2	4.84	<13	PASS
		3	3	4.9	<13	PASS
		6	0	5.54	<13	PASS
	MCH	1	0	5.49	<13	PASS
		1	3	5.12	<13	PASS

		1	5	5.22	<13	PASS
		3	0	5.17	<13	PASS
		3	2	5.23	<13	PASS
		3	3	5.15	<13	PASS
		6	0	5.7	<13	PASS
	HCH	1	0	4.47	<13	PASS
		1	3	4.04	<13	PASS
		1	5	4	<13	PASS
		3	0	4.43	<13	PASS
		3	2	4.48	<13	PASS
		3	3	4.17	<13	PASS
		6	0	5.14	<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	4.01	<13	PASS
		1	7	4.11	<13	PASS
		1	14	4.04	<13	PASS
		8	0	4.7	<13	PASS
		8	4	4.68	<13	PASS
		8	7	4.76	<13	PASS
		15	0	4.76	<13	PASS
	MCH	1	0	4.52	<13	PASS
		1	7	4.3	<13	PASS
		1	14	4.08	<13	PASS
		8	0	5.07	<13	PASS
		8	4	5.12	<13	PASS
		8	7	4.92	<13	PASS
		15	0	4.99	<13	PASS
	HCH	1	0	4.34	<13	PASS
		1	7	3.65	<13	PASS
		1	14	3.03	<13	PASS
		8	0	4.83	<13	PASS
		8	4	4.9	<13	PASS
		8	7	4.32	<13	PASS
		15	0	4.65	<13	PASS
16QAM	LCH	1	0	4.8	<13	PASS

		1	7	4.86	<13	PASS
		1	14	4.88	<13	PASS
		8	0	5.54	<13	PASS
		8	4	5.47	<13	PASS
		8	7	5.67	<13	PASS
		15	0	5.7	<13	PASS
	MCH	1	0	5.35	<13	PASS
		1	7	5.04	<13	PASS
		1	14	5	<13	PASS
		8	0	5.97	<13	PASS
		8	4	5.98	<13	PASS
		8	7	5.73	<13	PASS
		15	0	5.91	<13	PASS
	HCH	1	0	5.09	<13	PASS
		1	7	4.43	<13	PASS
		1	14	3.97	<13	PASS
		8	0	5.82	<13	PASS
		8	4	5.77	<13	PASS
		8	7	5.3	<13	PASS
		15	0	5.61	<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	4.24	<13	PASS
		1	12	4.06	<13	PASS
		1	24	4.46	<13	PASS
		12	0	4.7	<13	PASS
		12	6	4.71	<13	PASS
		12	13	4.86	<13	PASS
		25	0	4.87	<13	PASS
	MCH	1	0	4.75	<13	PASS
		1	12	4.41	<13	PASS
		1	24	4.2	<13	PASS
		12	0	5.06	<13	PASS
		12	6	5.14	<13	PASS
		12	13	4.83	<13	PASS
		25	0	5.06	<13	PASS

	HCH	1	0	4.46	<13	PASS
		1	12	4.24	<13	PASS
		1	24	3.23	<13	PASS
		12	0	5.25	<13	PASS
		12	6	5.21	<13	PASS
		12	13	4.63	<13	PASS
		25	0	4.93	<13	PASS
16QAM	LCH	1	0	4.93	<13	PASS
		1	12	4.84	<13	PASS
		1	24	5.18	<13	PASS
		12	0	5.58	<13	PASS
		12	6	5.64	<13	PASS
		12	13	5.8	<13	PASS
		25	0	5.69	<13	PASS
	MCH	1	0	5.34	<13	PASS
		1	12	5.16	<13	PASS
		1	24	4.96	<13	PASS
		12	0	6.03	<13	PASS
		12	6	6	<13	PASS
		12	13	5.68	<13	PASS
		25	0	5.89	<13	PASS
	HCH	1	0	5.12	<13	PASS
		1	12	4.99	<13	PASS
		1	24	3.97	<13	PASS
		12	0	5.98	<13	PASS
		12	6	5.96	<13	PASS
		12	13	5.45	<13	PASS
		25	0	5.79	<13	PASS

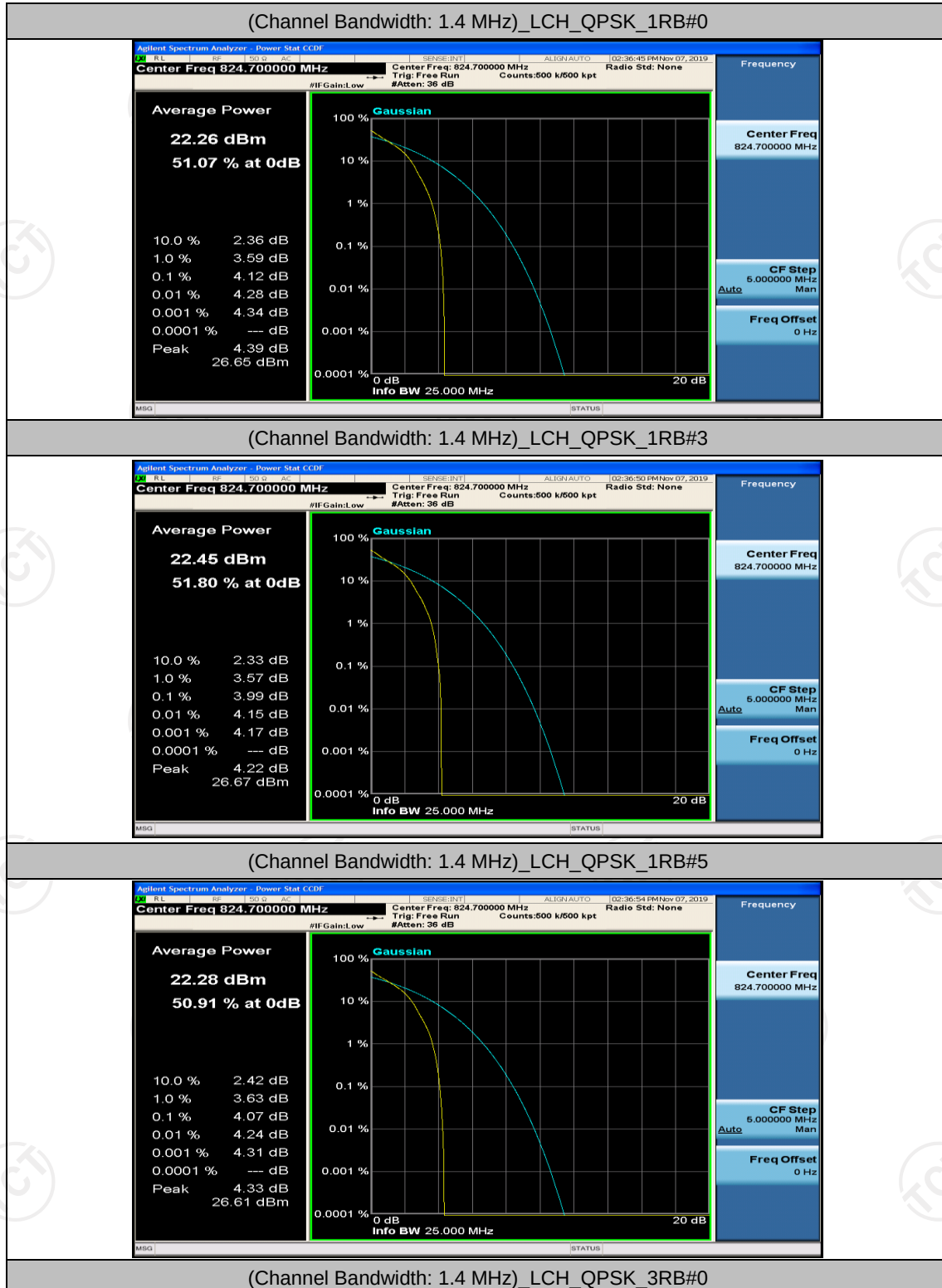
Channel Bandwidth: 10 MHz

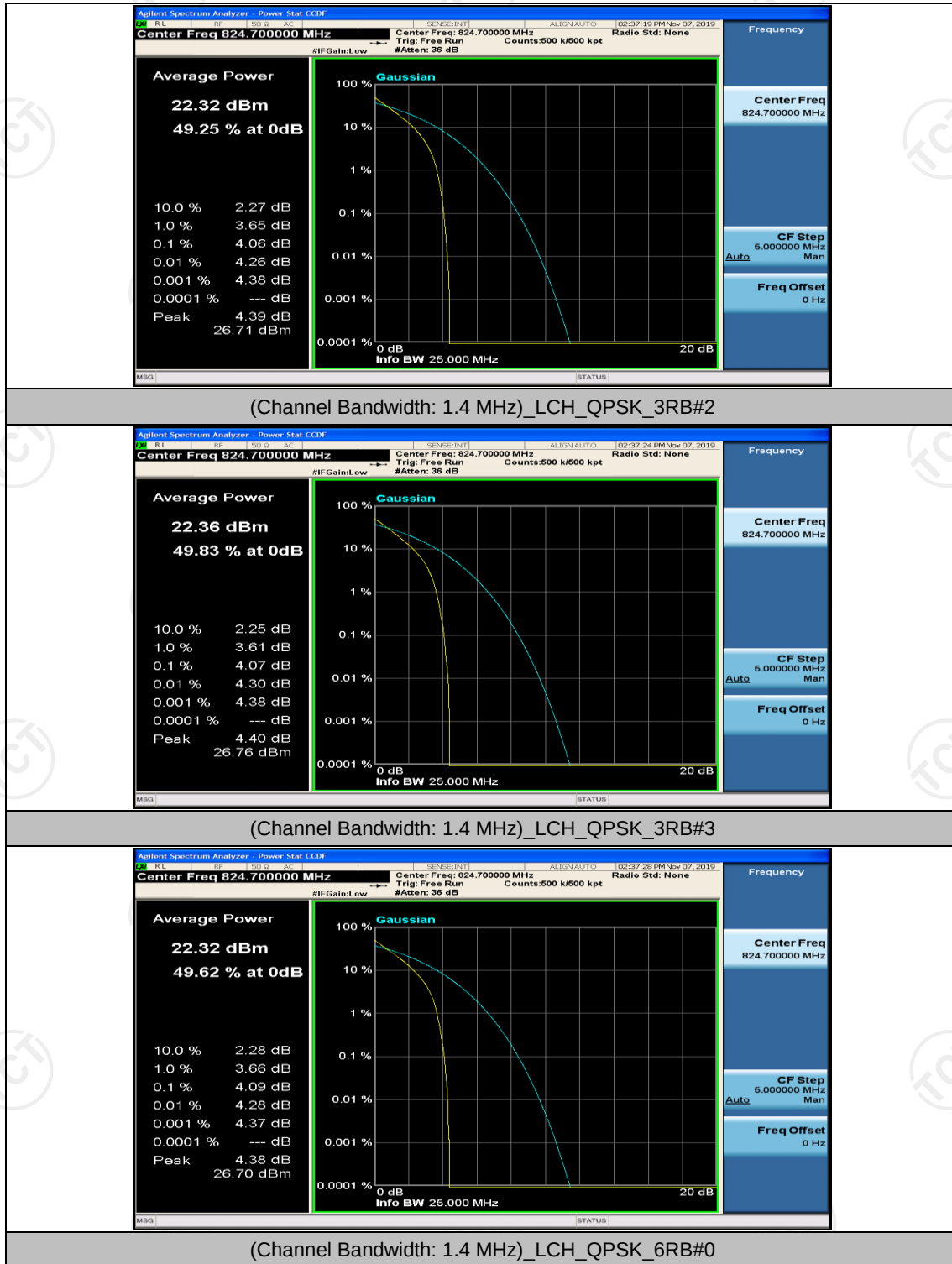
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.05	<13	PASS
		1	24	4.27	<13	PASS
		1	49	4.66	<13	PASS
		25	0	4.89	<13	PASS
		25	12	4.83	<13	PASS
		25	25	5.19	<13	PASS

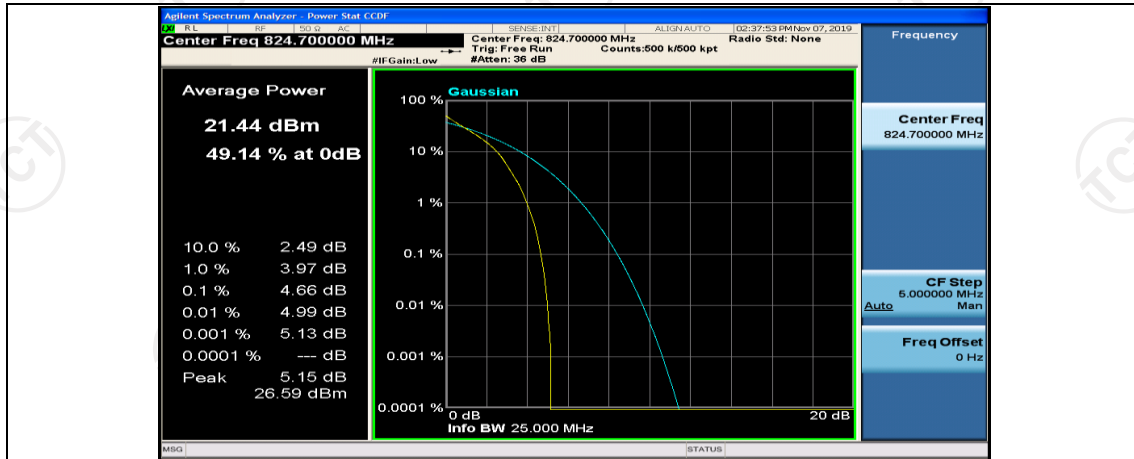
		50	0	5.09	<13	PASS
	MCH	1	0	4.61	<13	PASS
		1	24	4.23	<13	PASS
		1	49	3.93	<13	PASS
		25	0	5.21	<13	PASS
		25	12	5.19	<13	PASS
		25	25	4.76	<13	PASS
		50	0	5.03	<13	PASS
		HCH	1	0	3.81	<13
	1		24	4.12	<13	PASS
	1		49	3.2	<13	PASS
	25		0	4.7	<13	PASS
	25		12	4.69	<13	PASS
	25		25	4.89	<13	PASS
50	0		5.04	<13	PASS	
16QAM	LCH	1	0	4.83	<13	PASS
		1	24	5.1	<13	PASS
		1	49	5.45	<13	PASS
		25	0	5.73	<13	PASS
		25	12	5.68	<13	PASS
		25	25	6.07	<13	PASS
		50	0	5.9	<13	PASS
	MCH	1	0	5.4	<13	PASS
		1	24	5.06	<13	PASS
		1	49	4.75	<13	PASS
		25	0	6.07	<13	PASS
		25	12	6.11	<13	PASS
		25	25	5.66	<13	PASS
		50	0	5.86	<13	PASS
	HCH	1	0	4.56	<13	PASS
		1	24	4.86	<13	PASS
		1	49	4.12	<13	PASS
		25	0	5.58	<13	PASS
		25	12	5.58	<13	PASS
		25	25	5.79	<13	PASS
		50	0	5.87	<13	PASS

Test Graphs

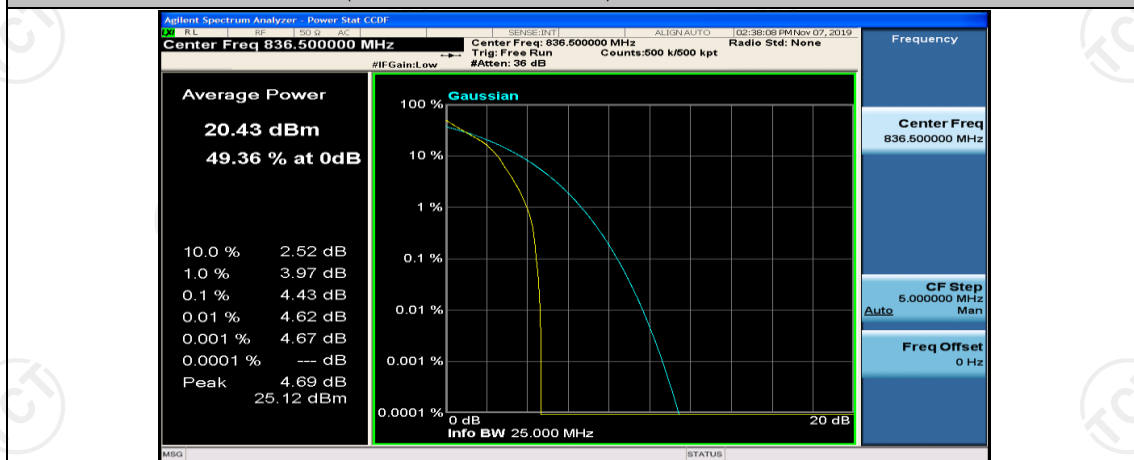
Channel Bandwidth: 1.4 MHz



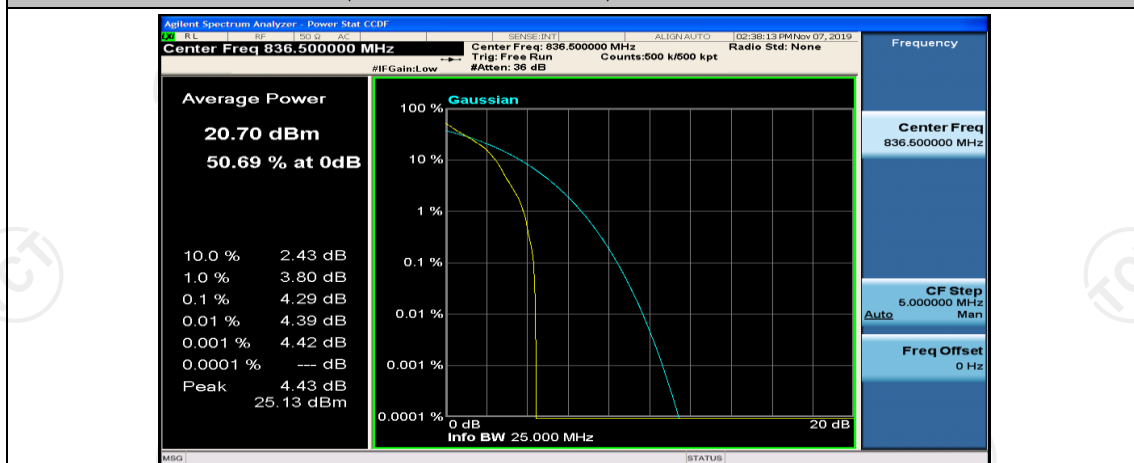




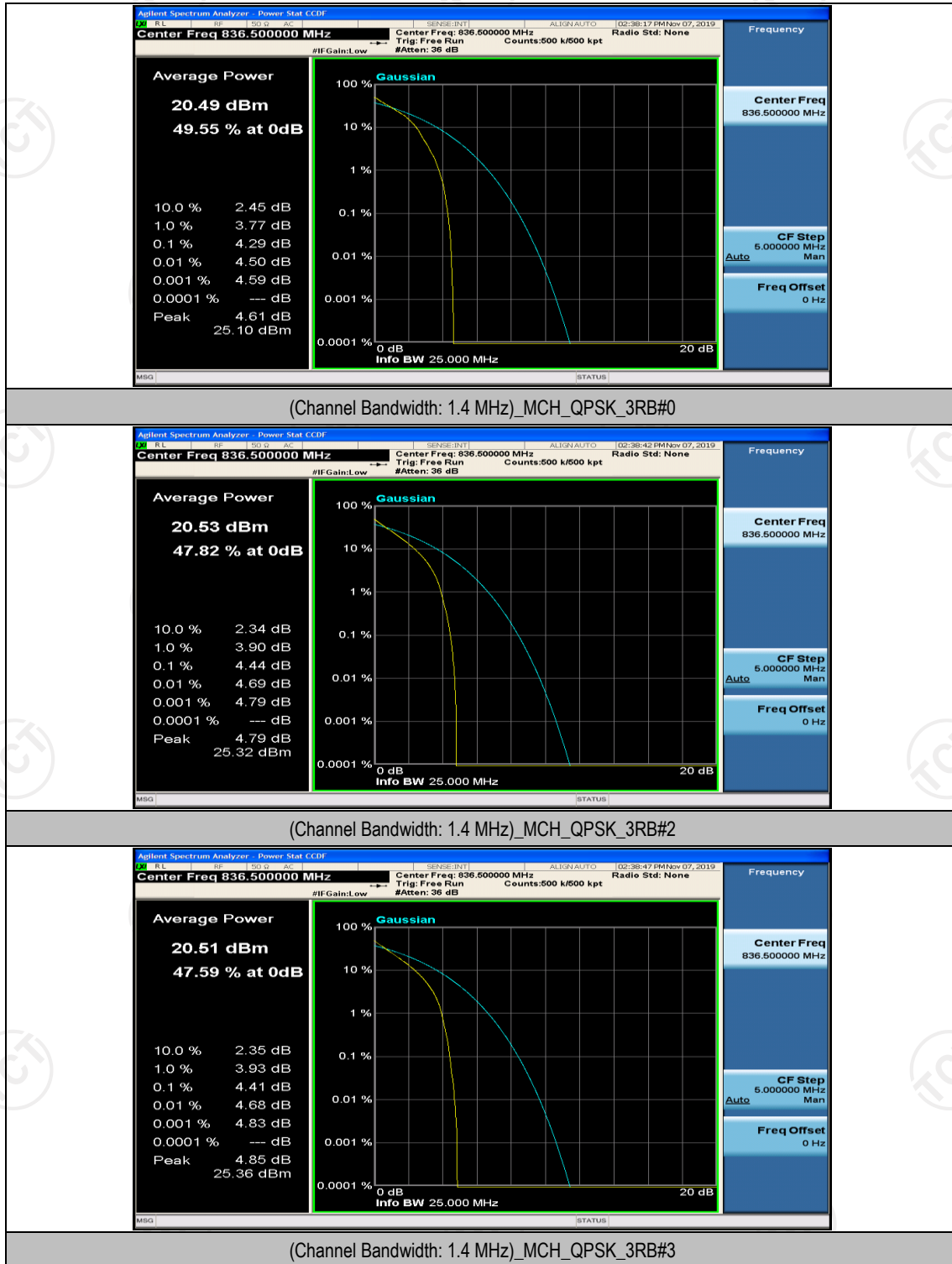
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

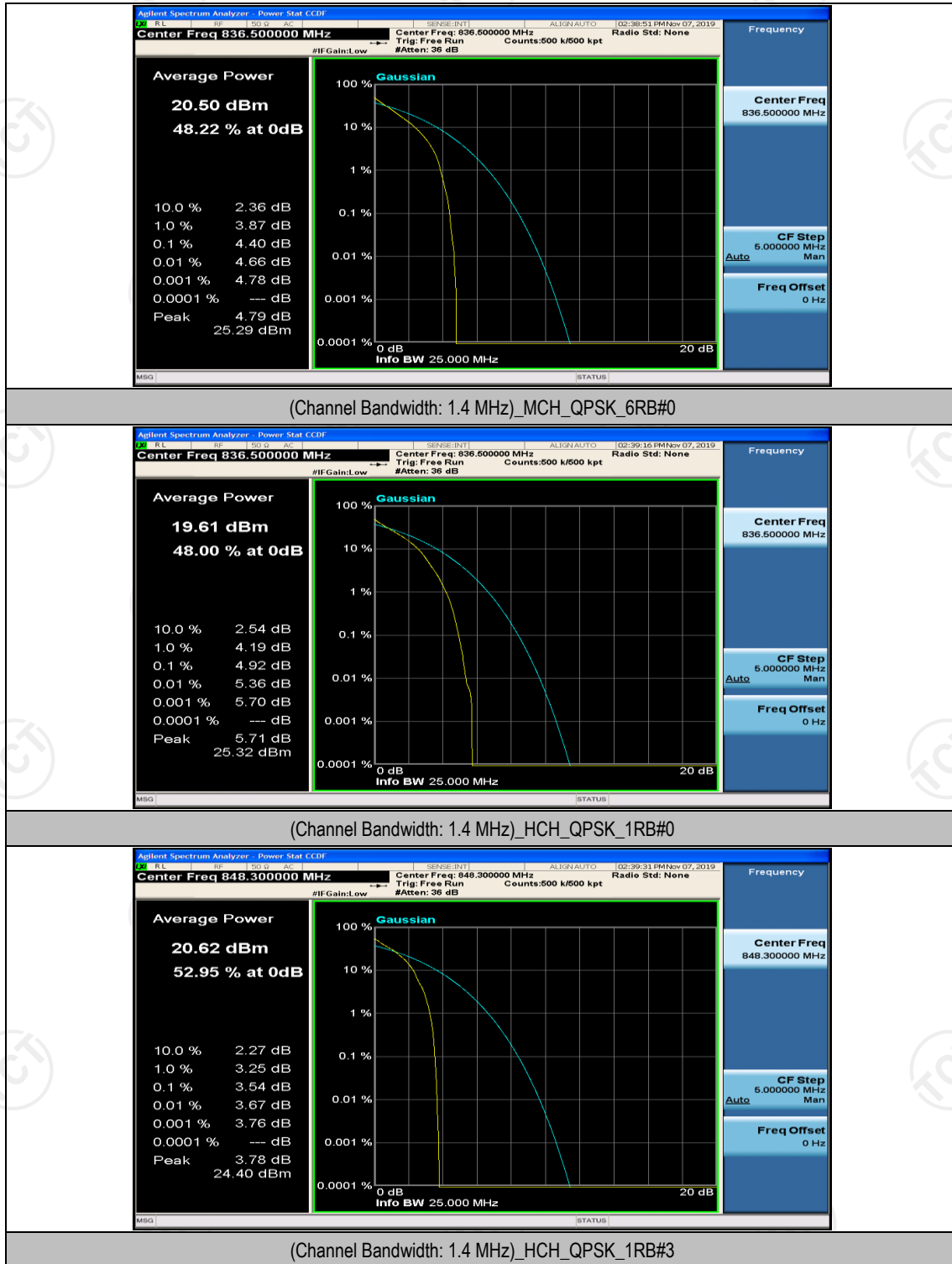


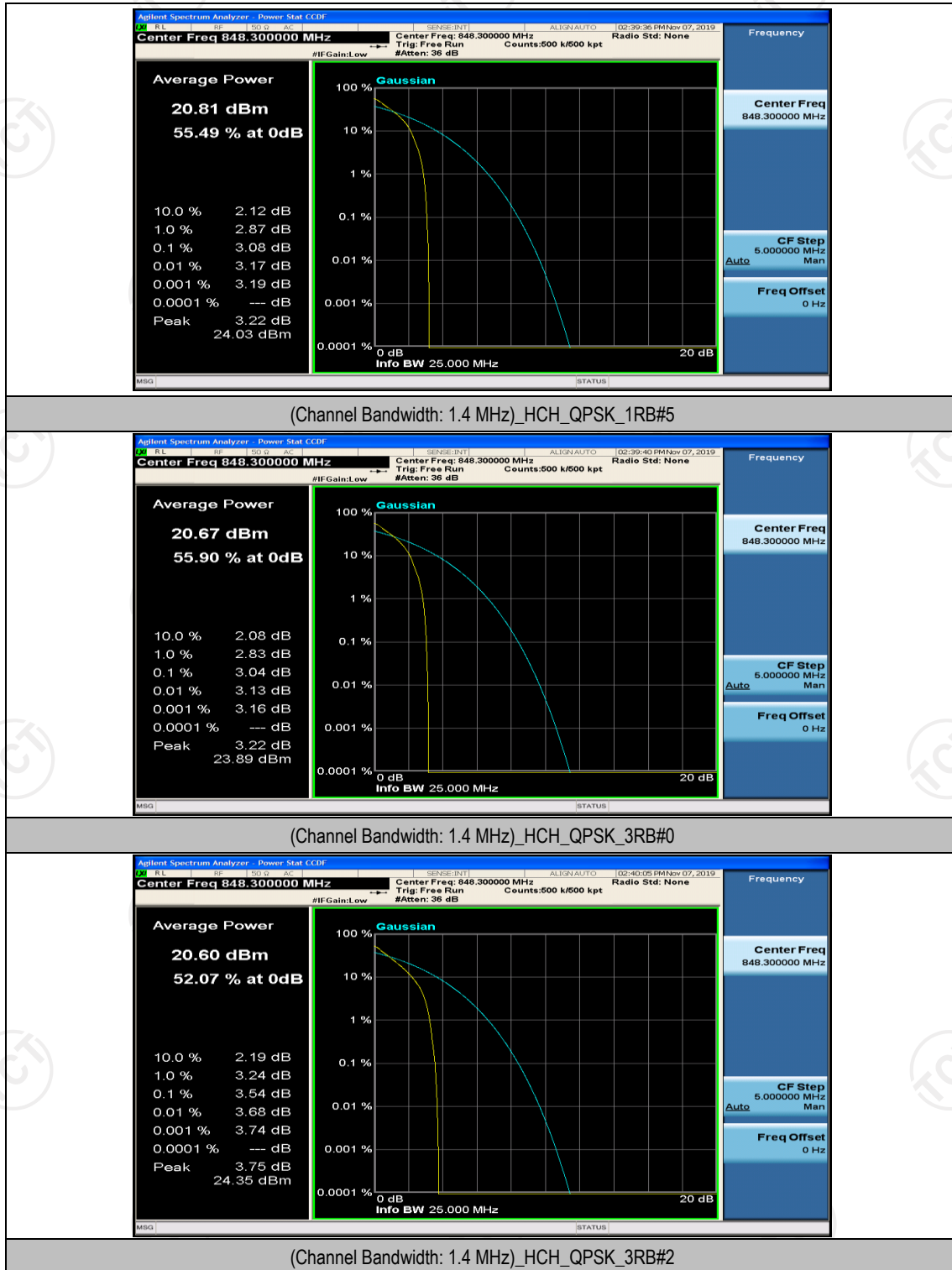
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

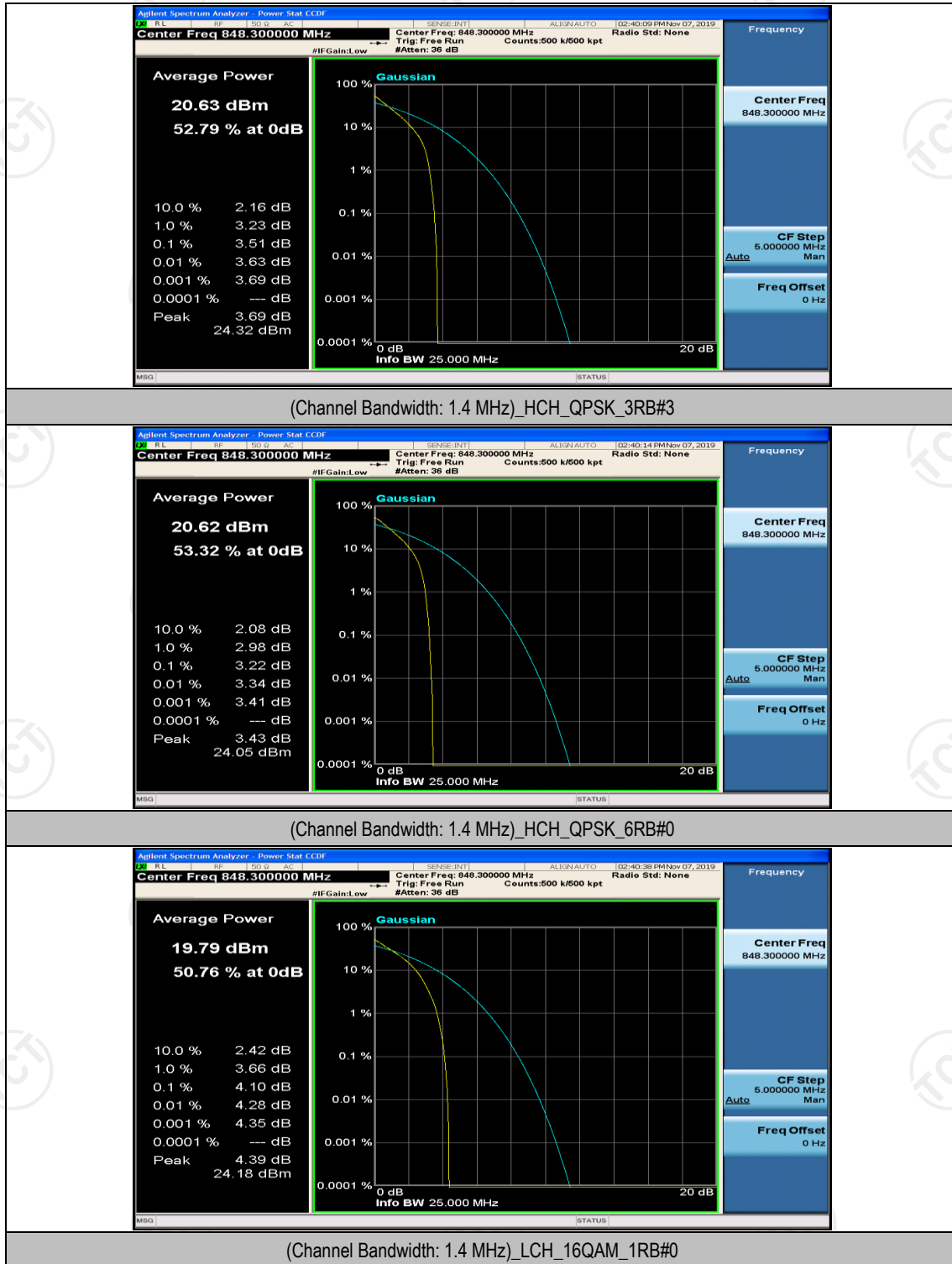


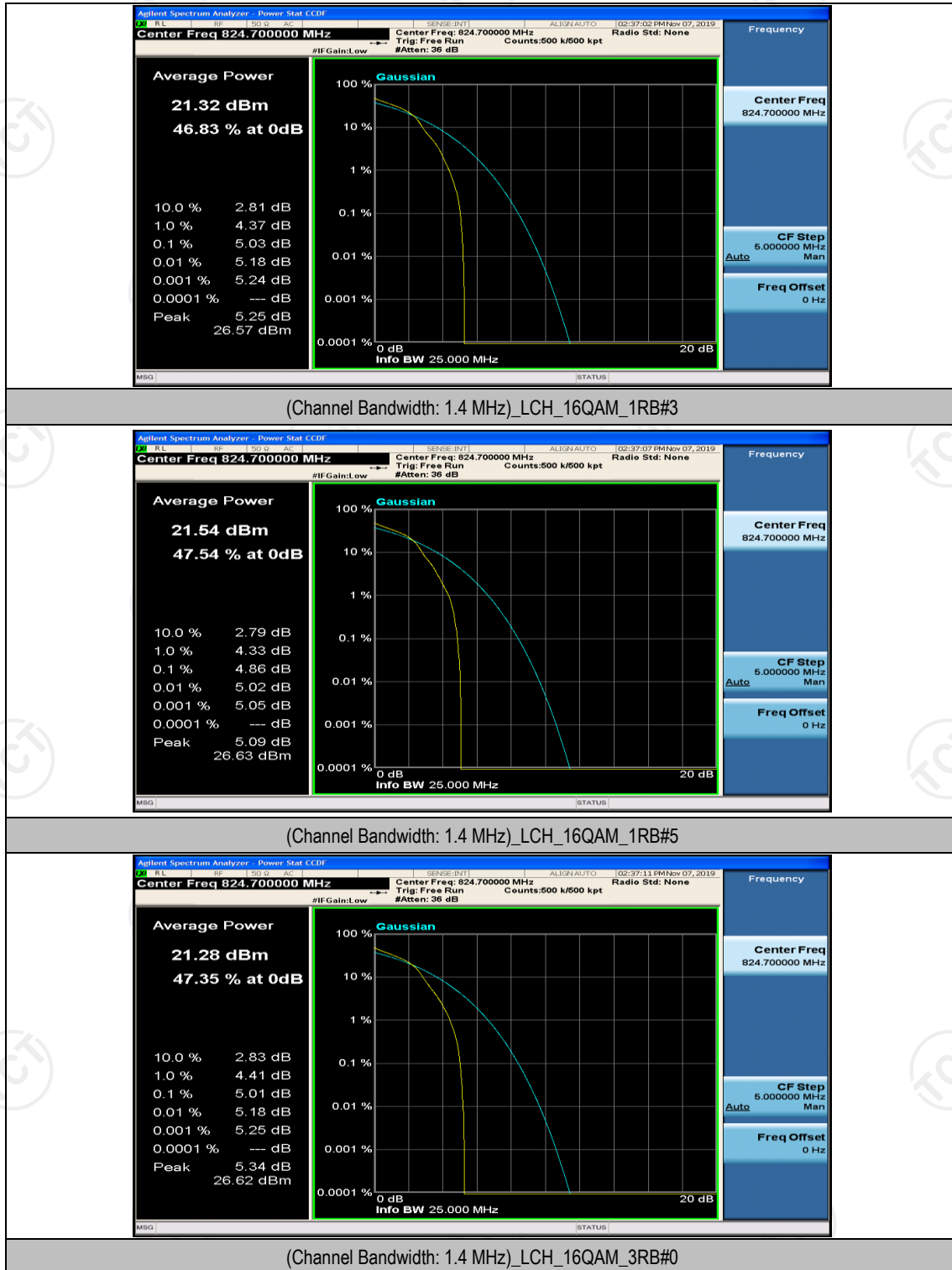
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

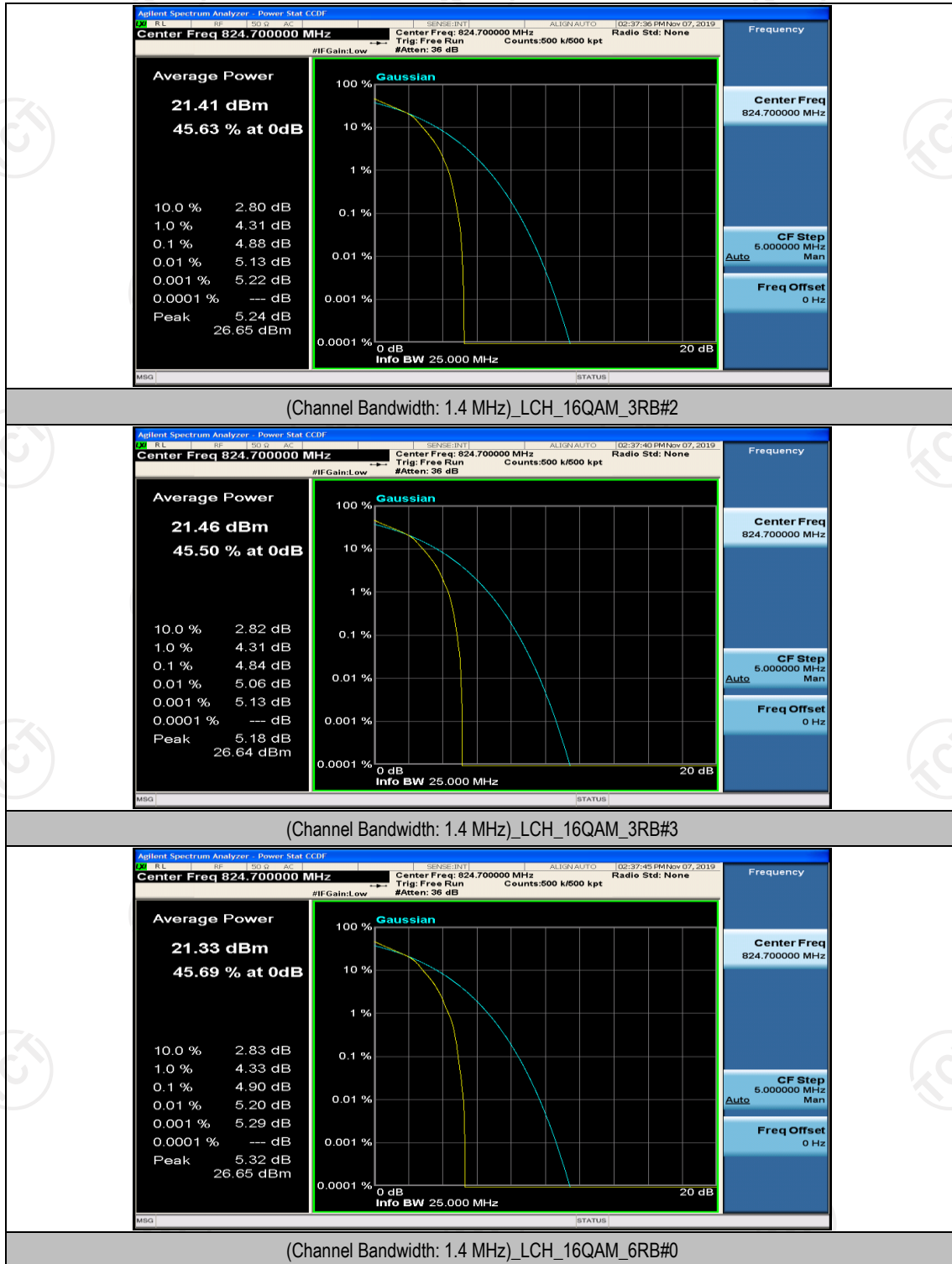


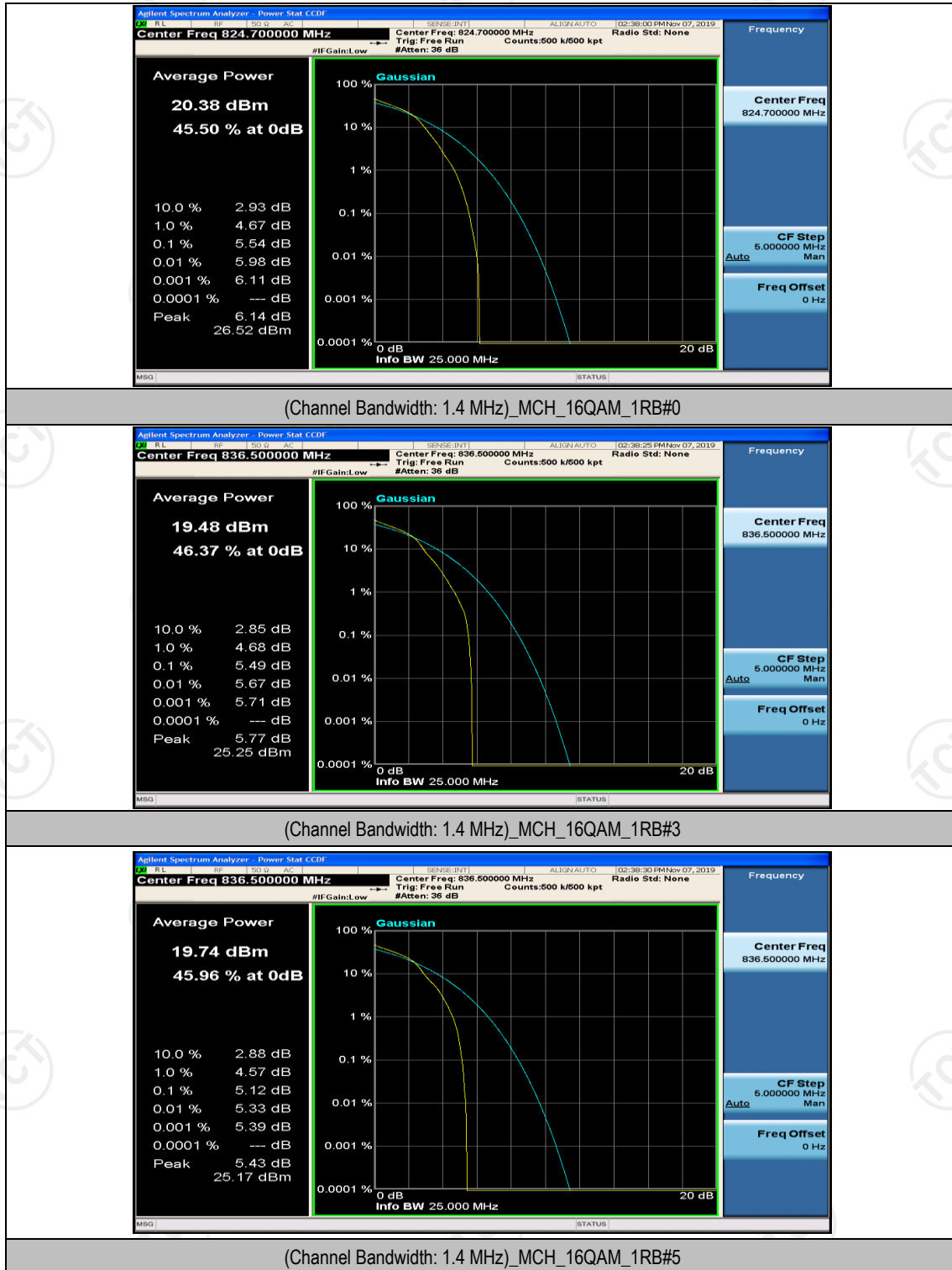


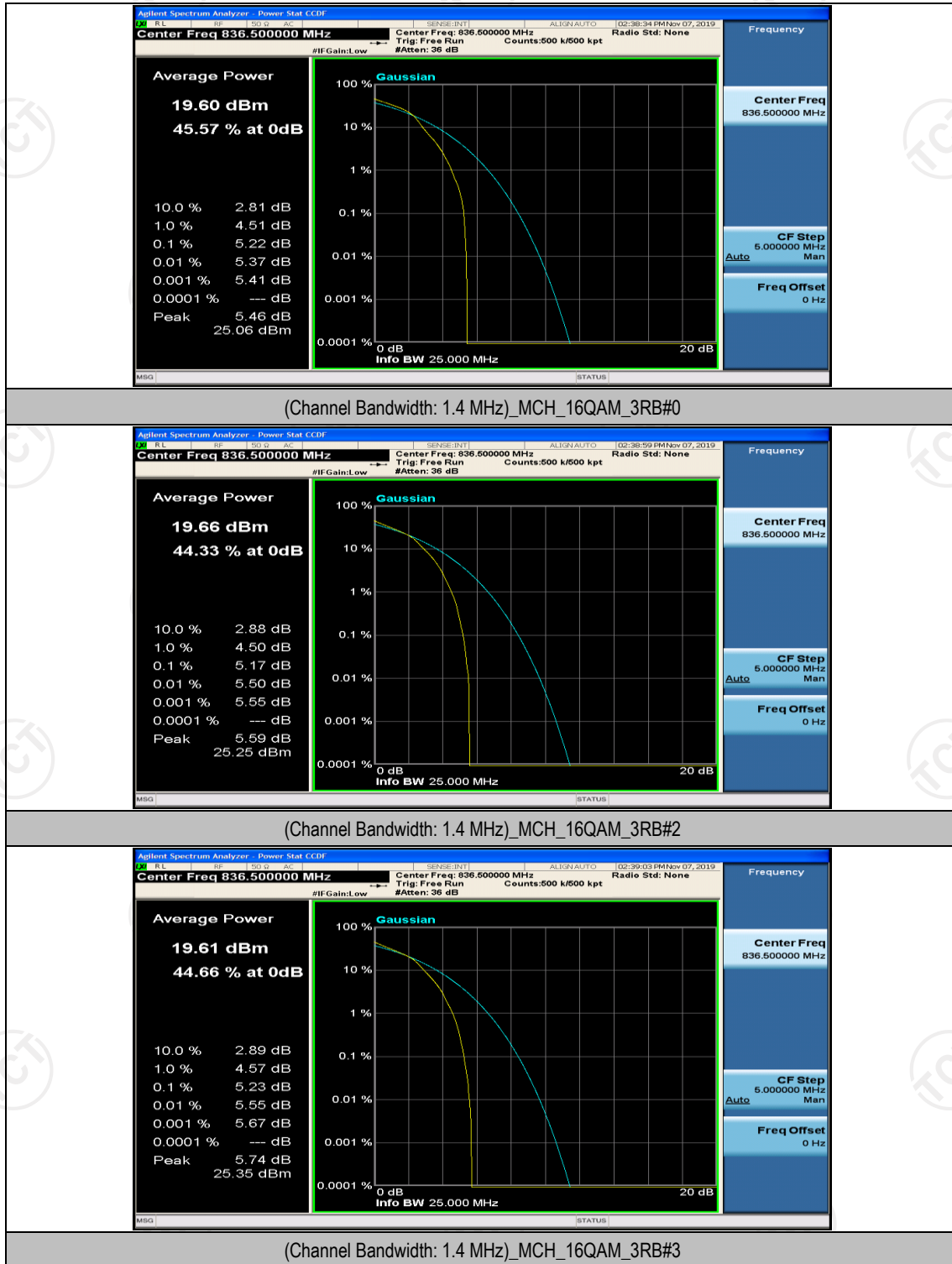


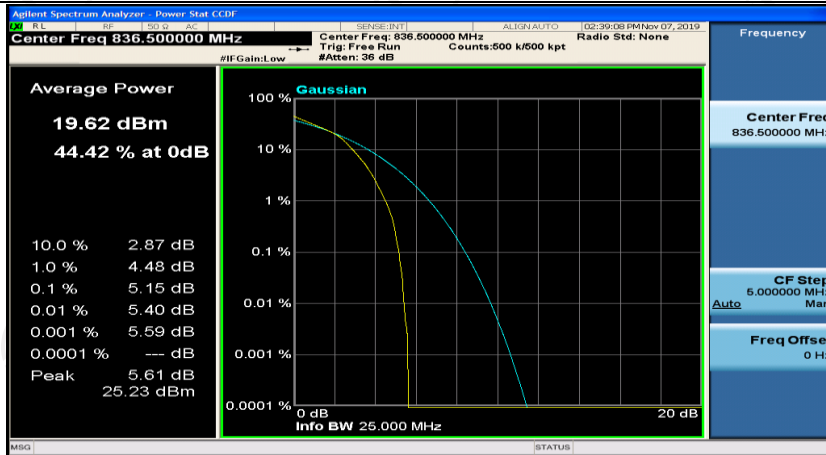




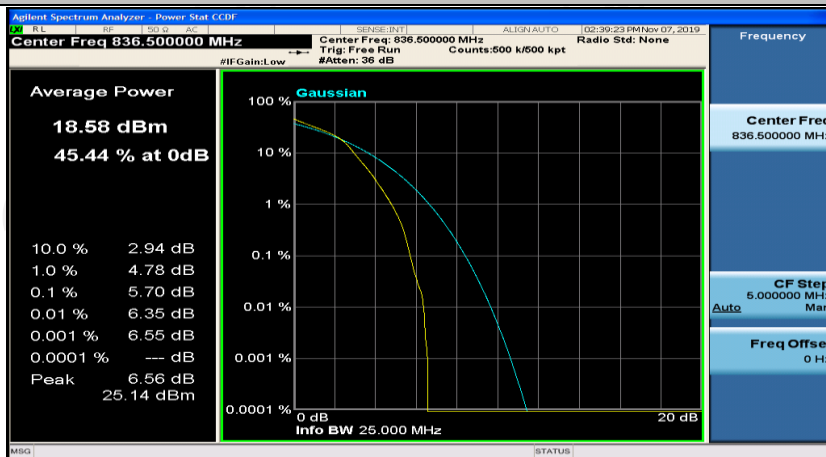




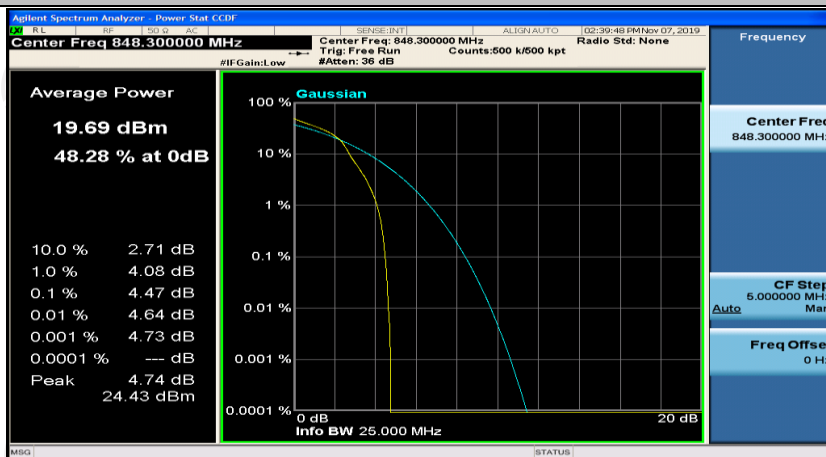




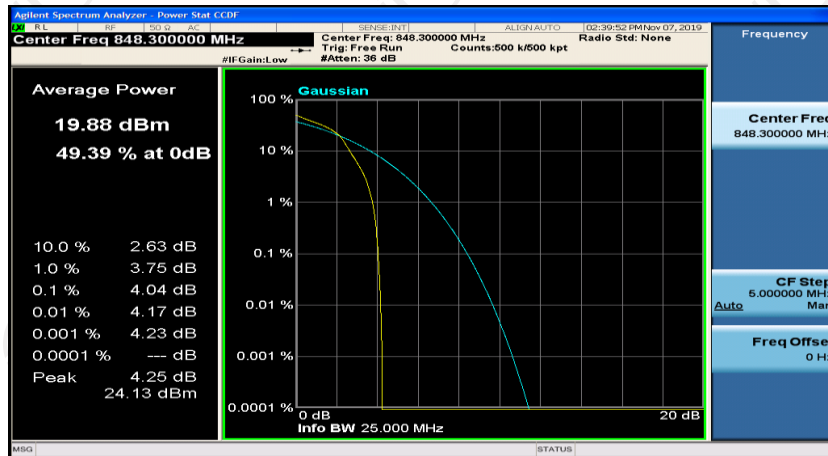
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



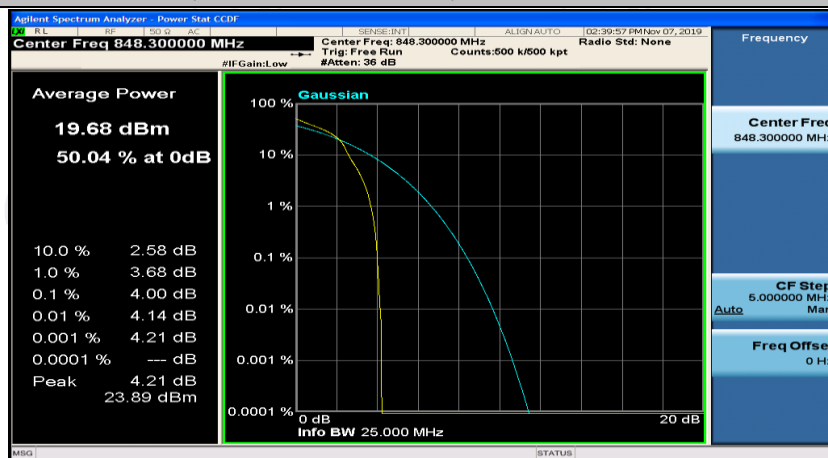
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



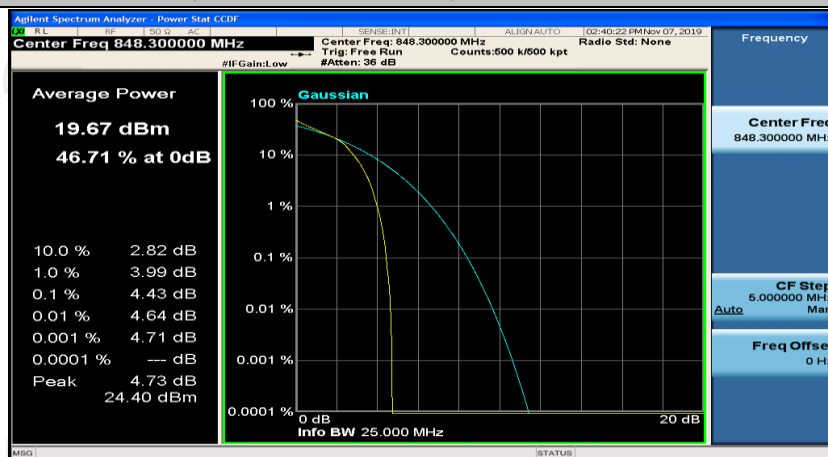
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



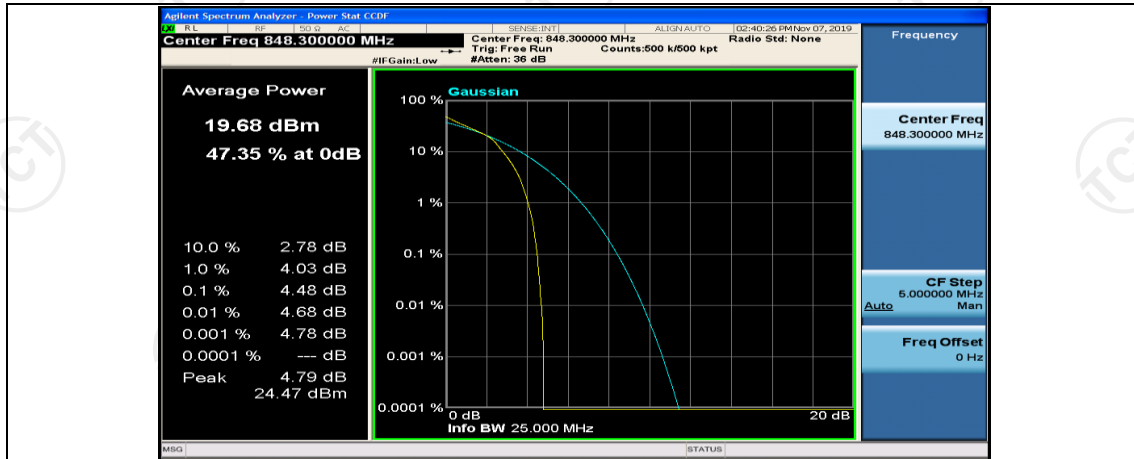
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



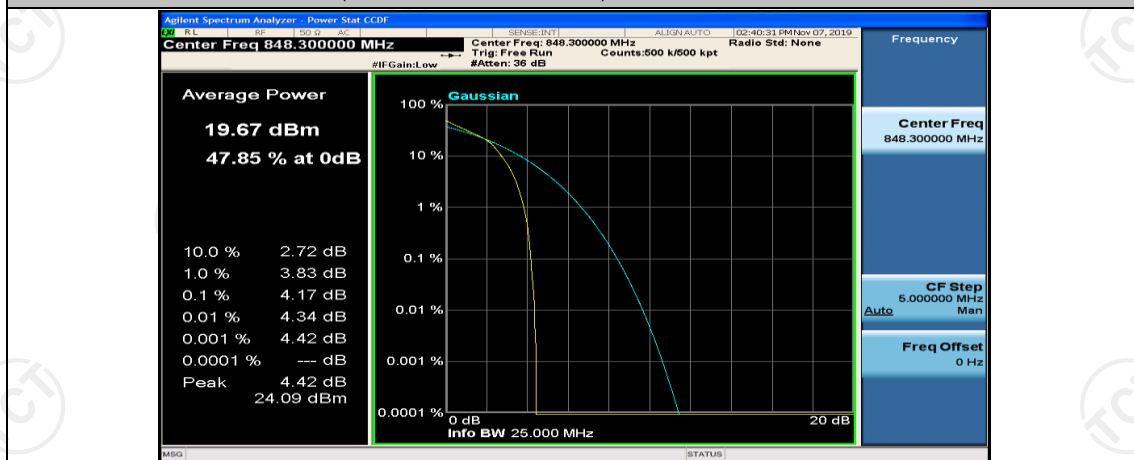
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



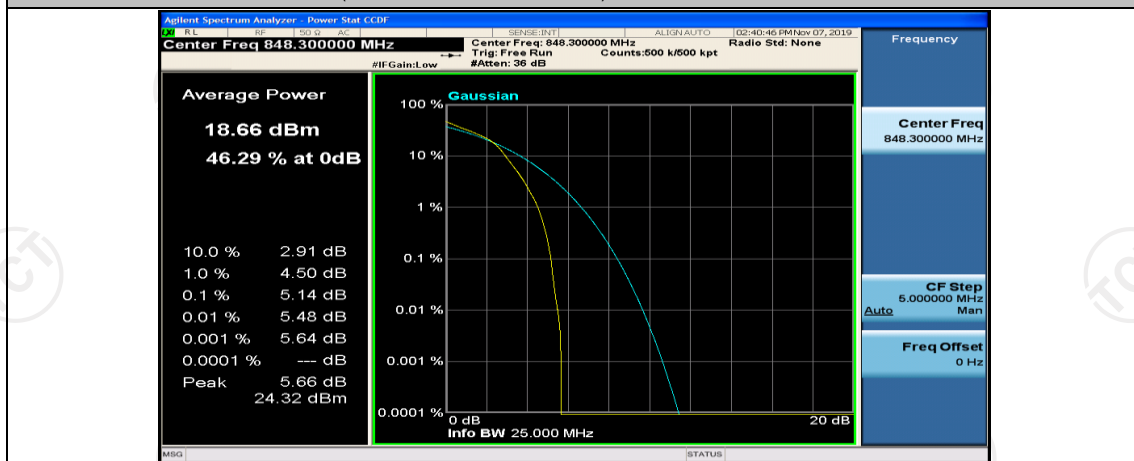
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

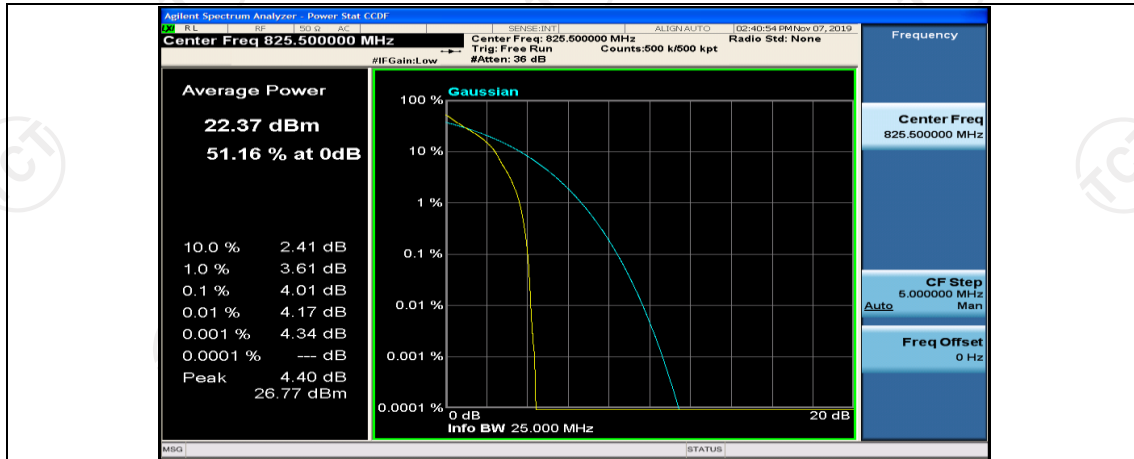


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

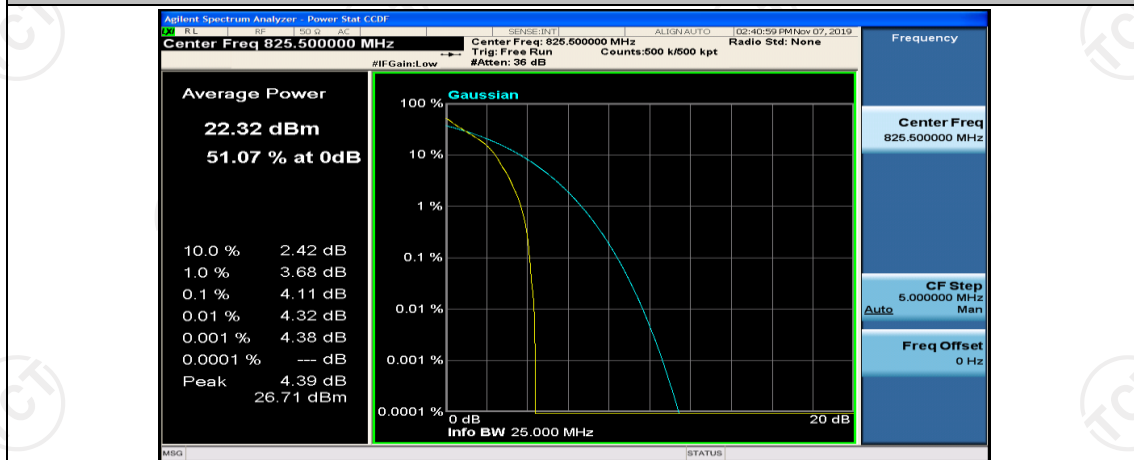


Channel Bandwidth: 3 MHz

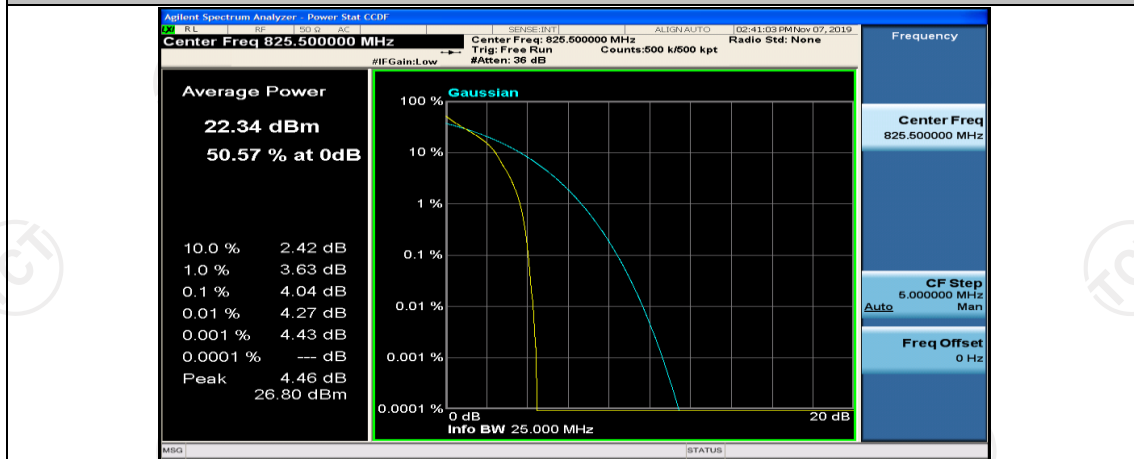
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



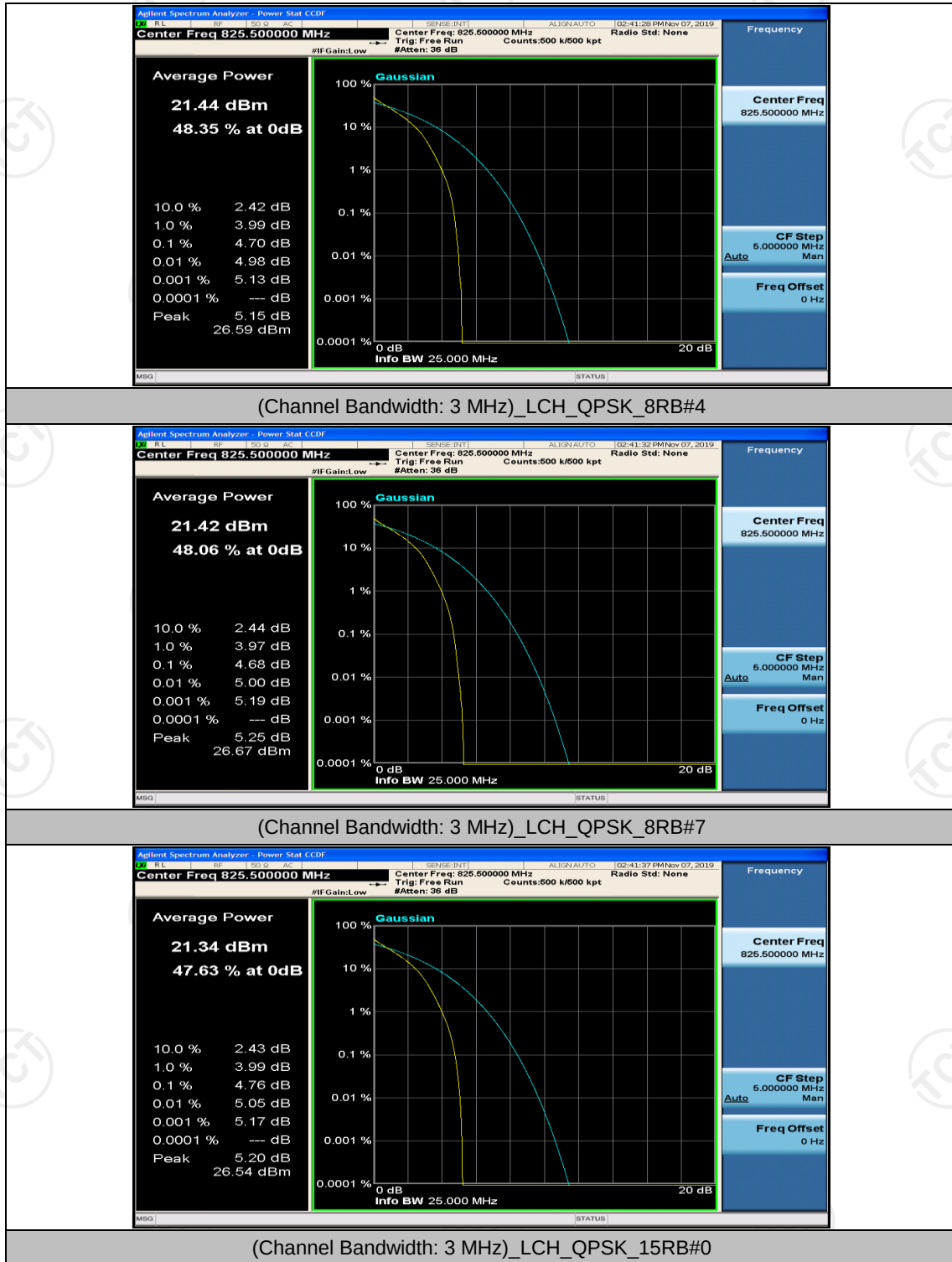
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7

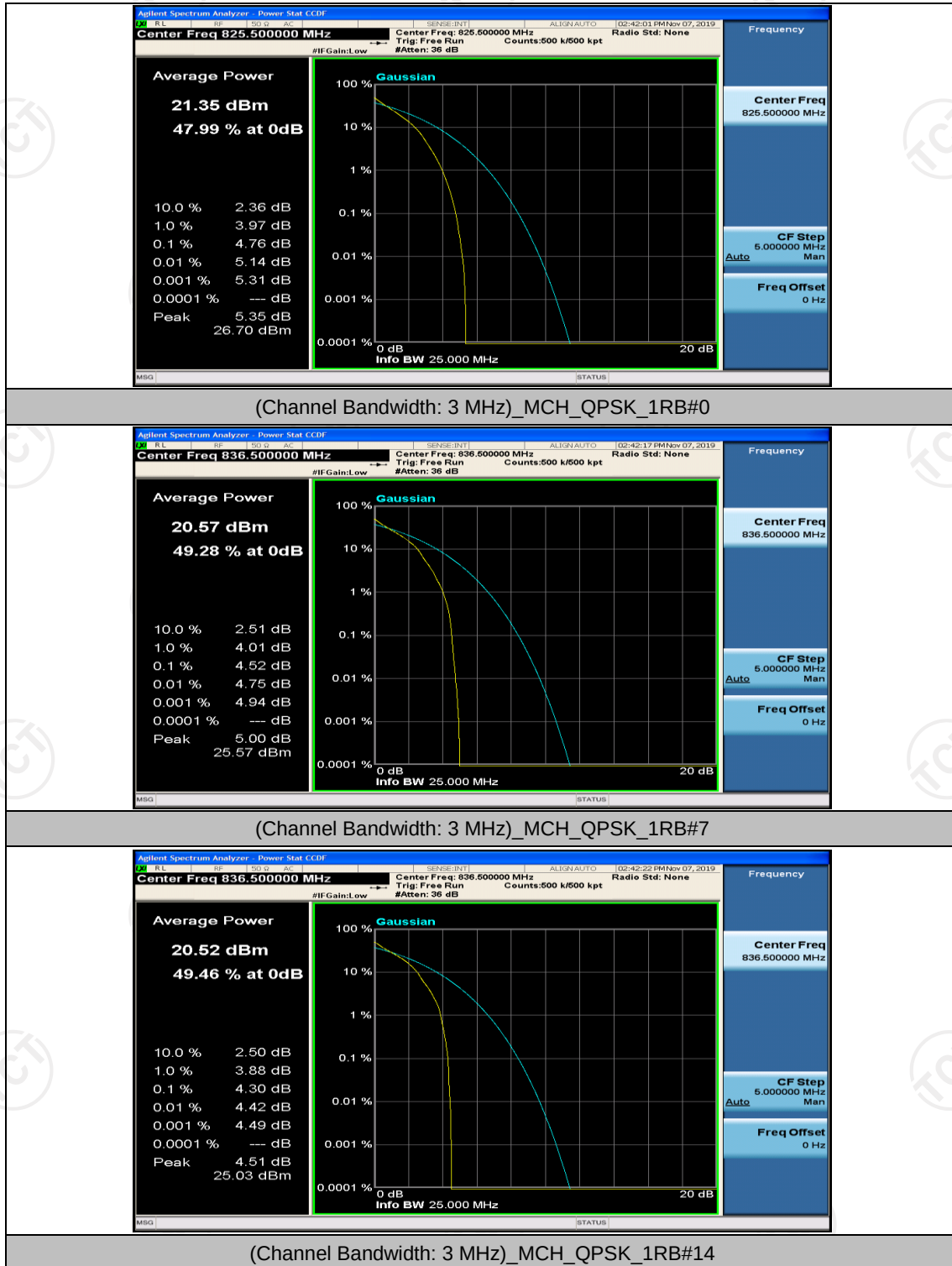


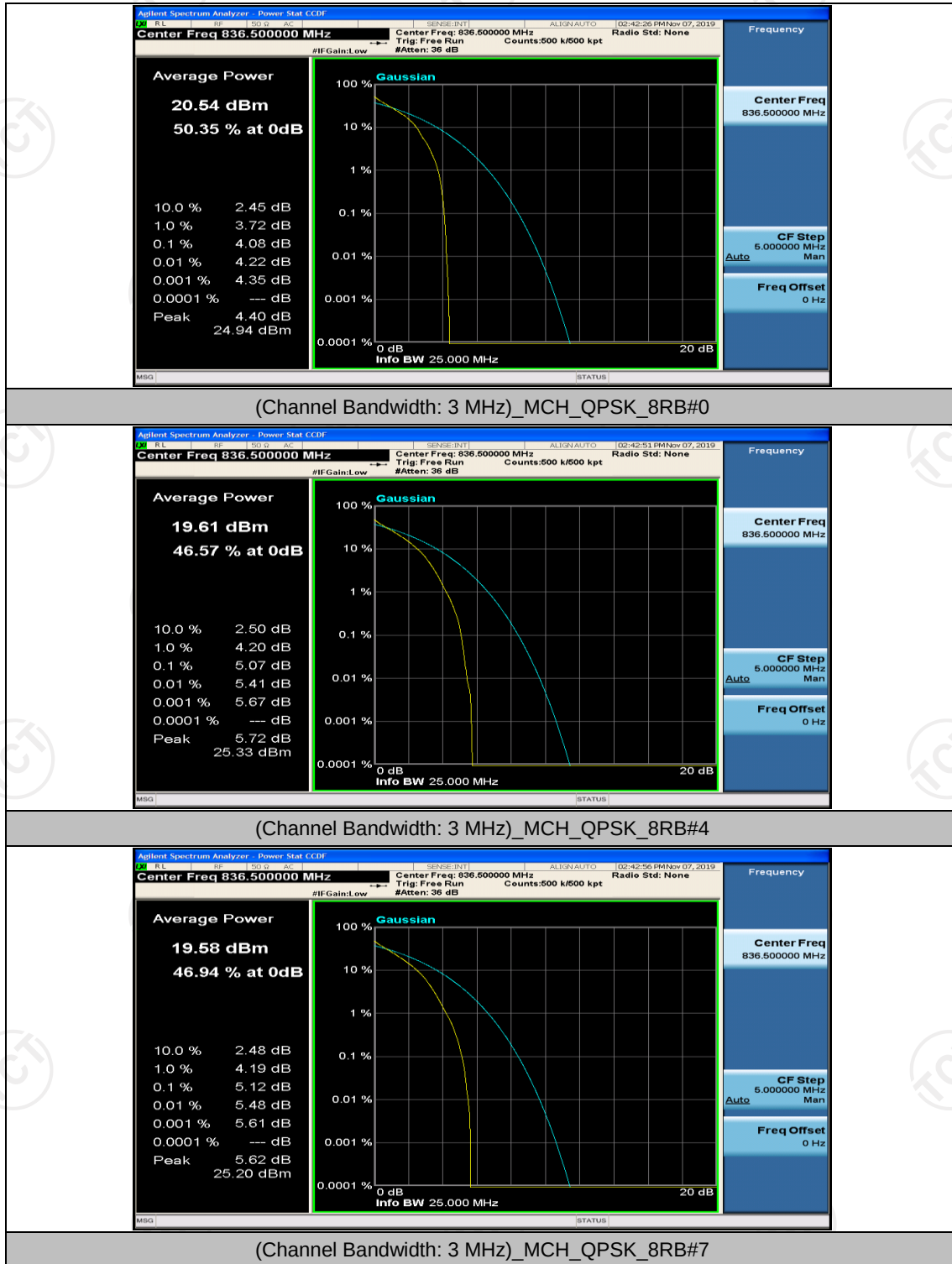
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14

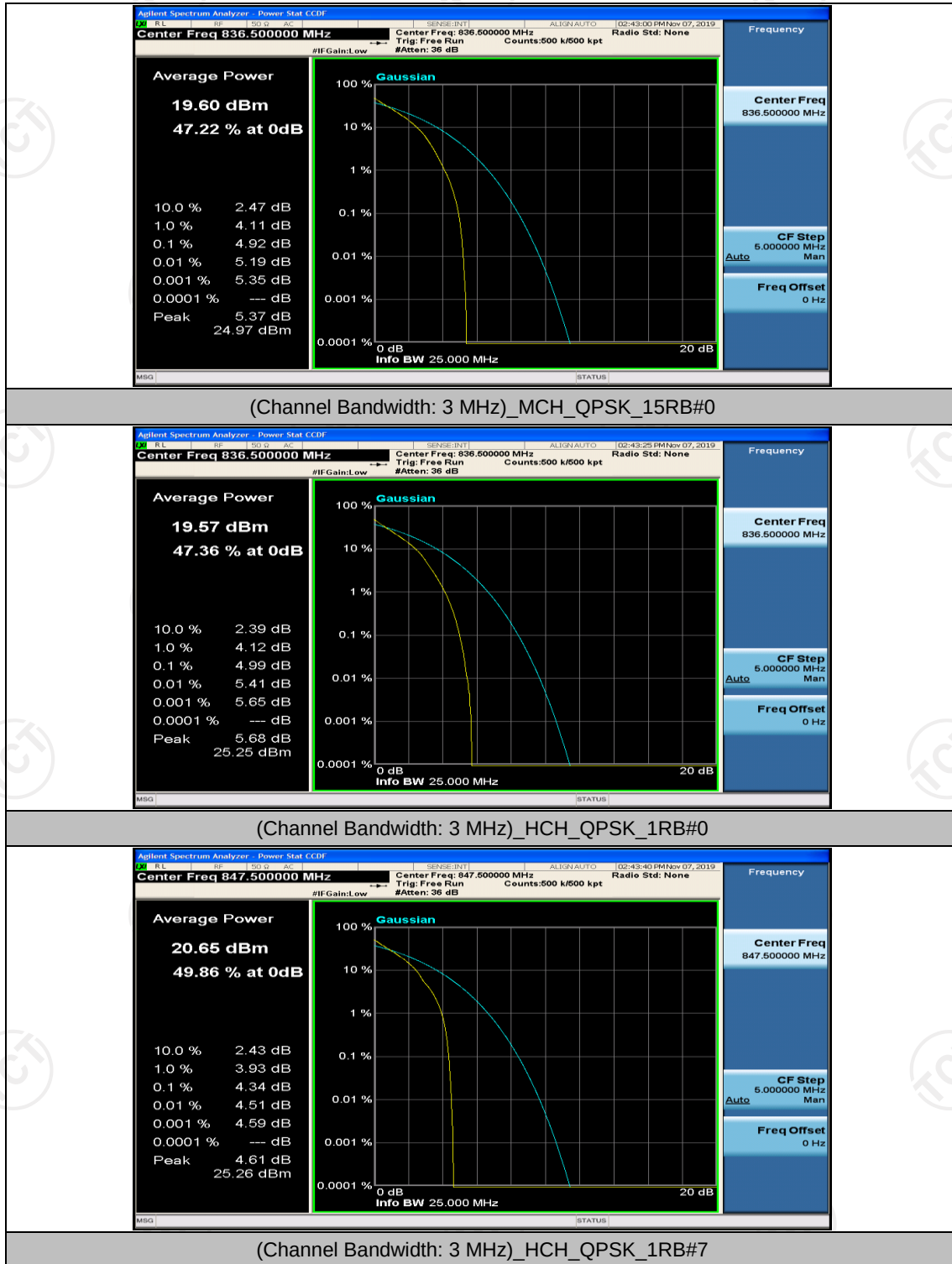


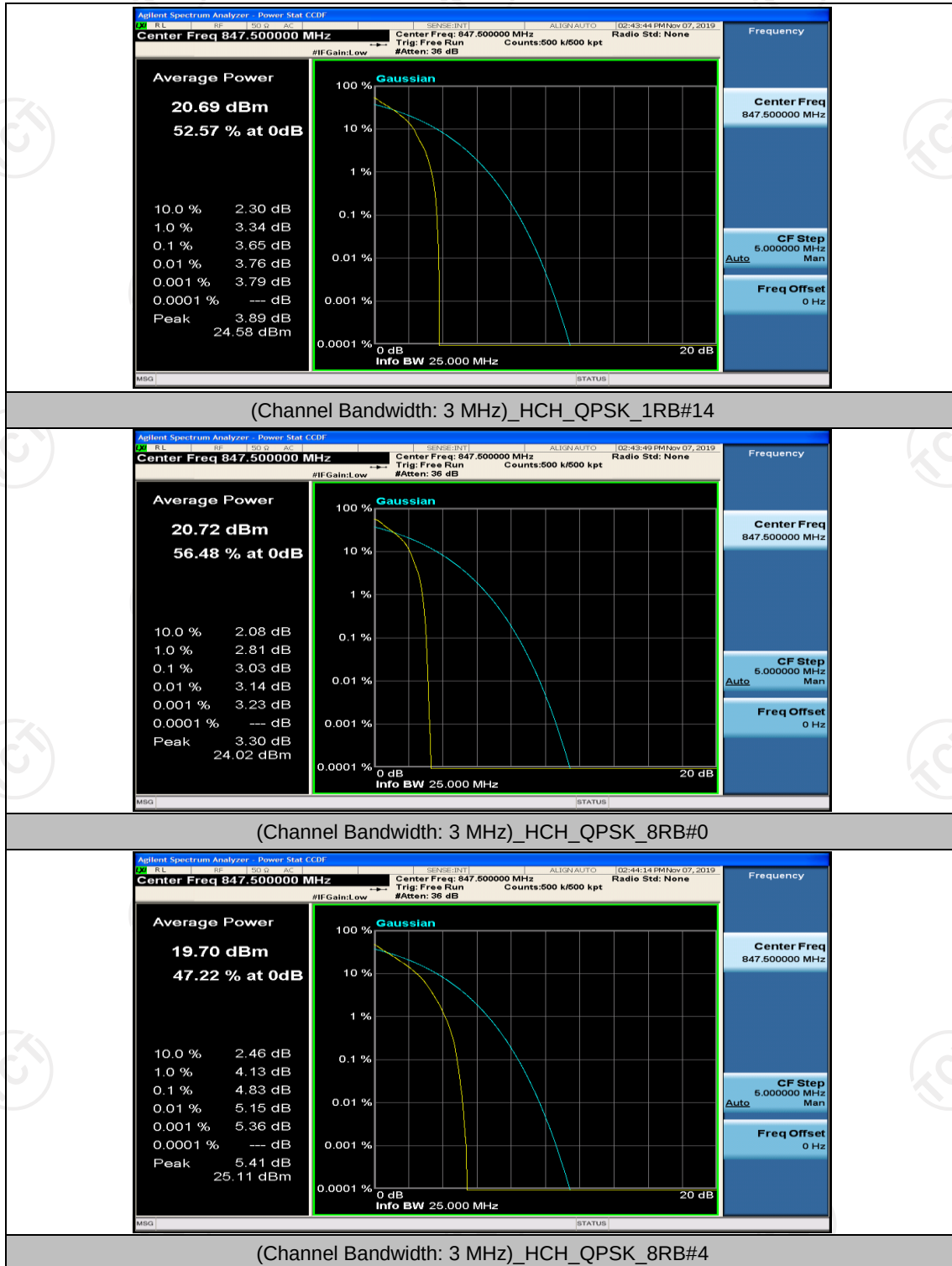
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0

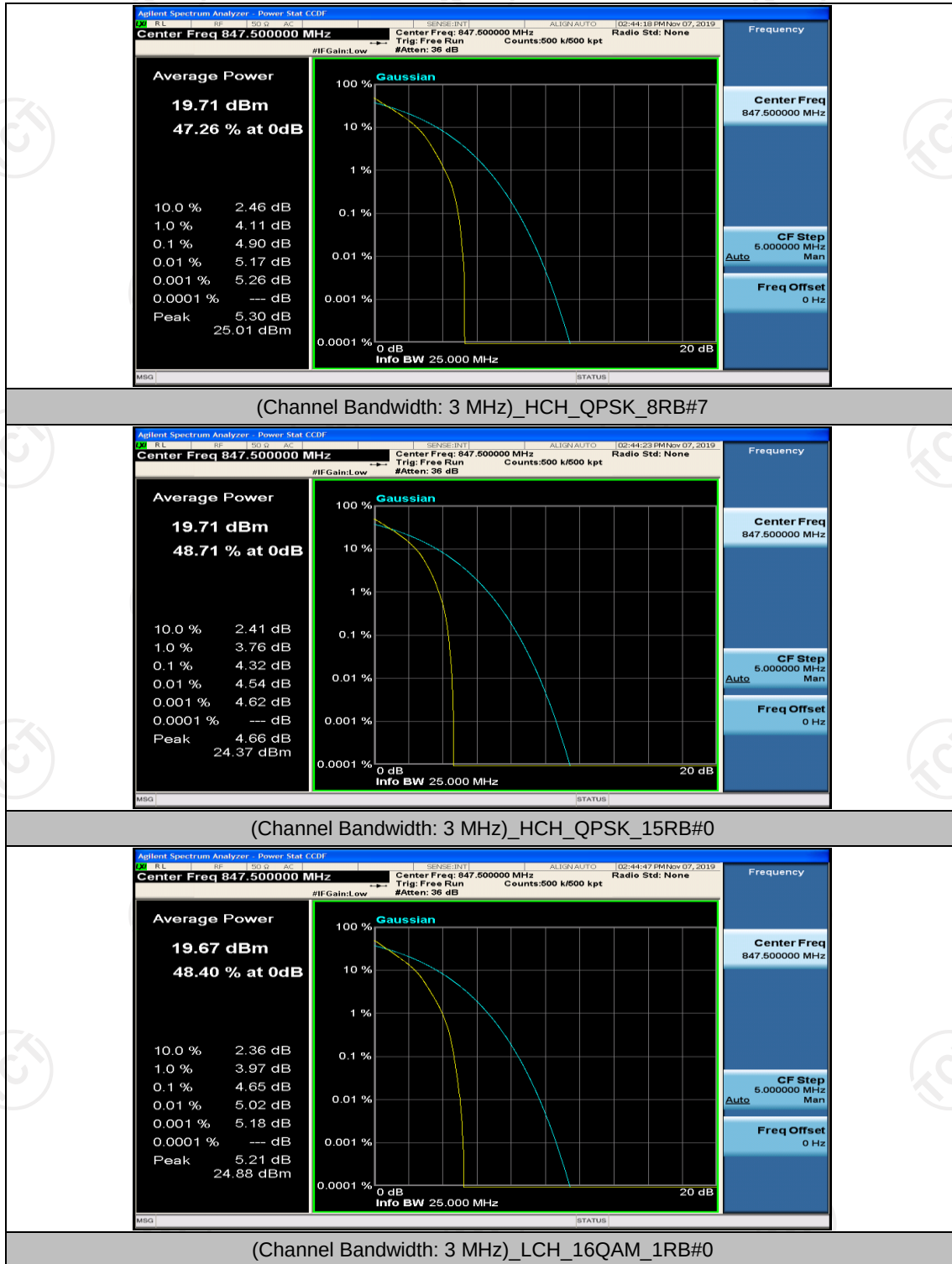


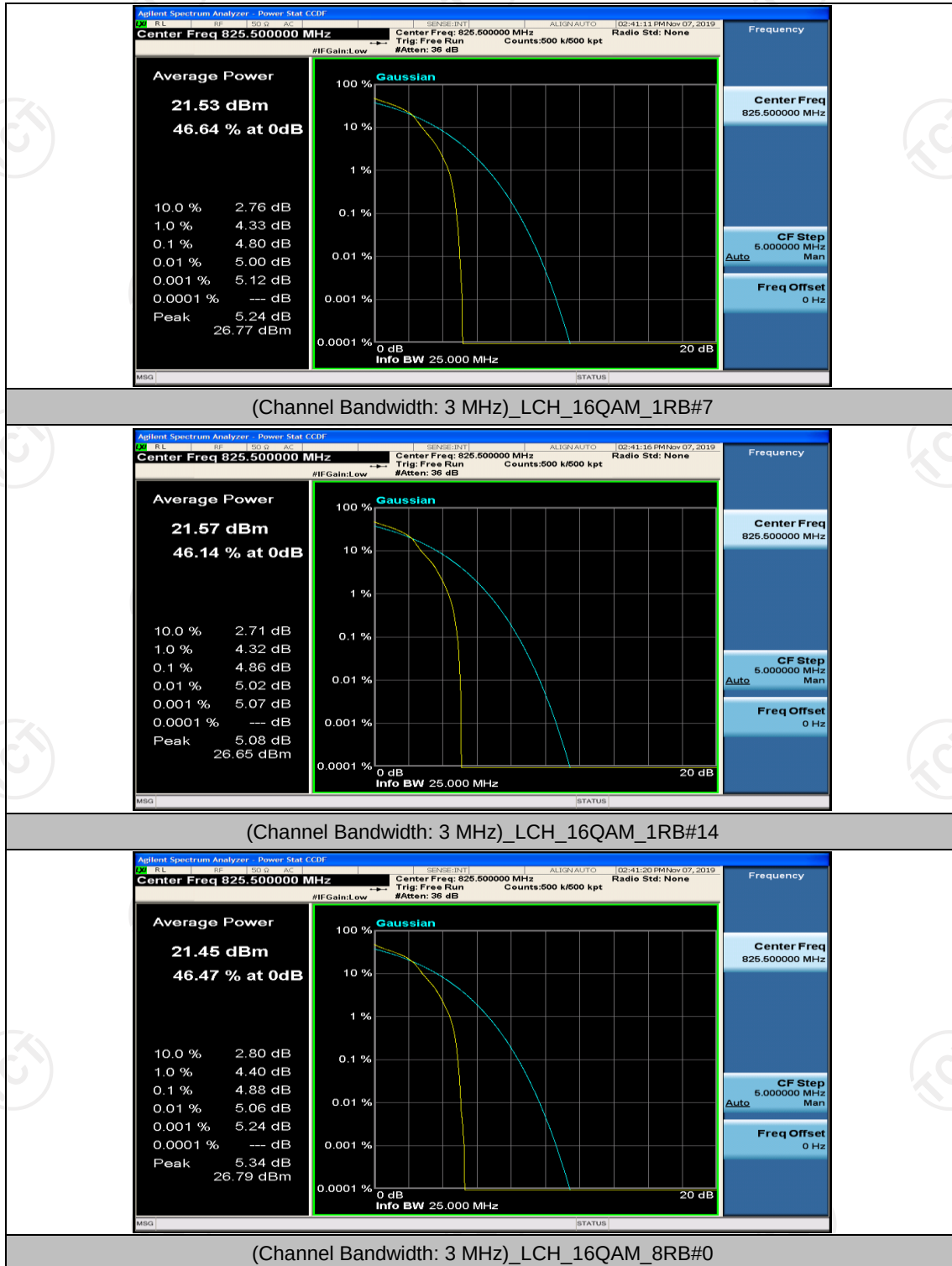


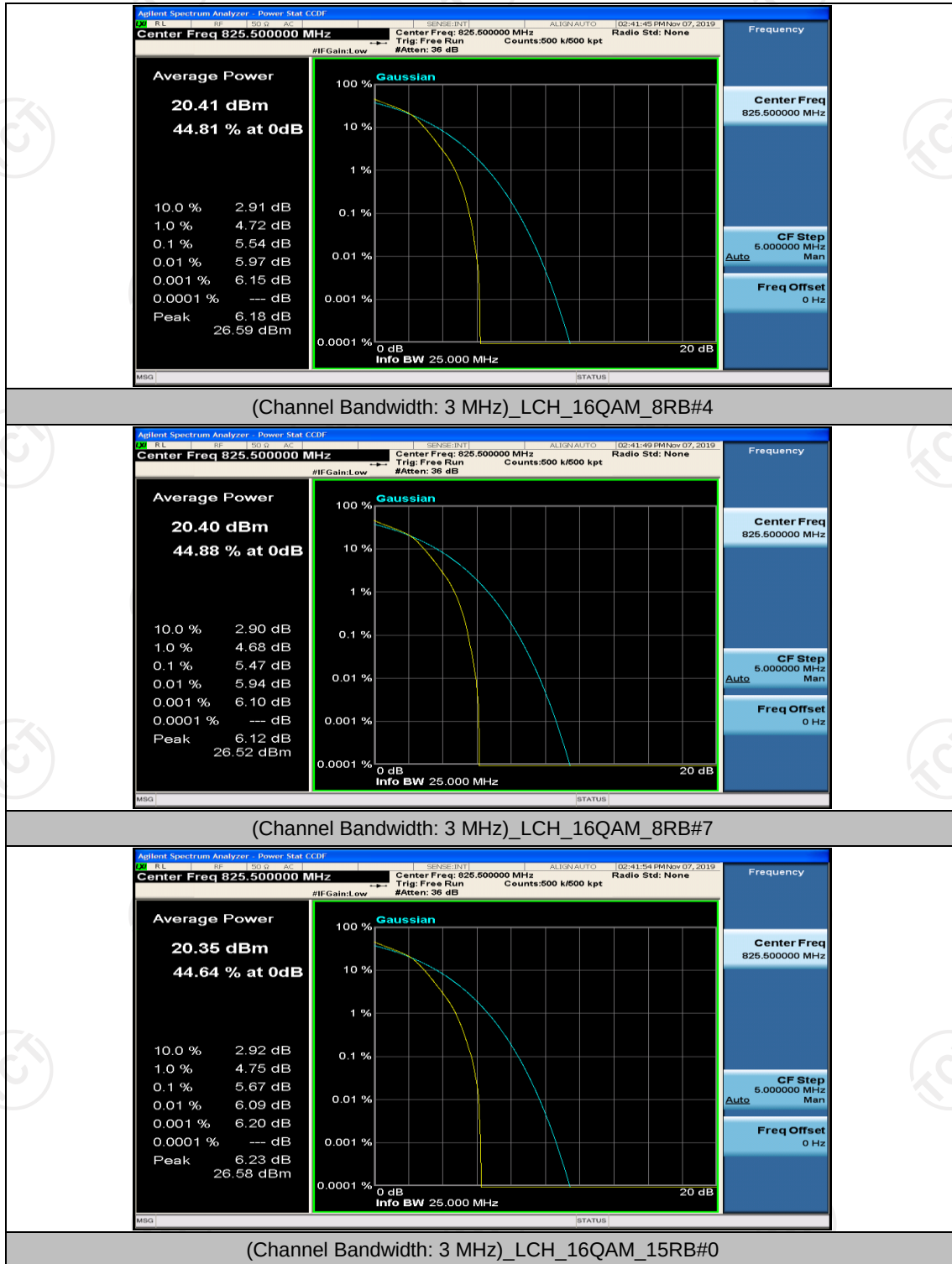


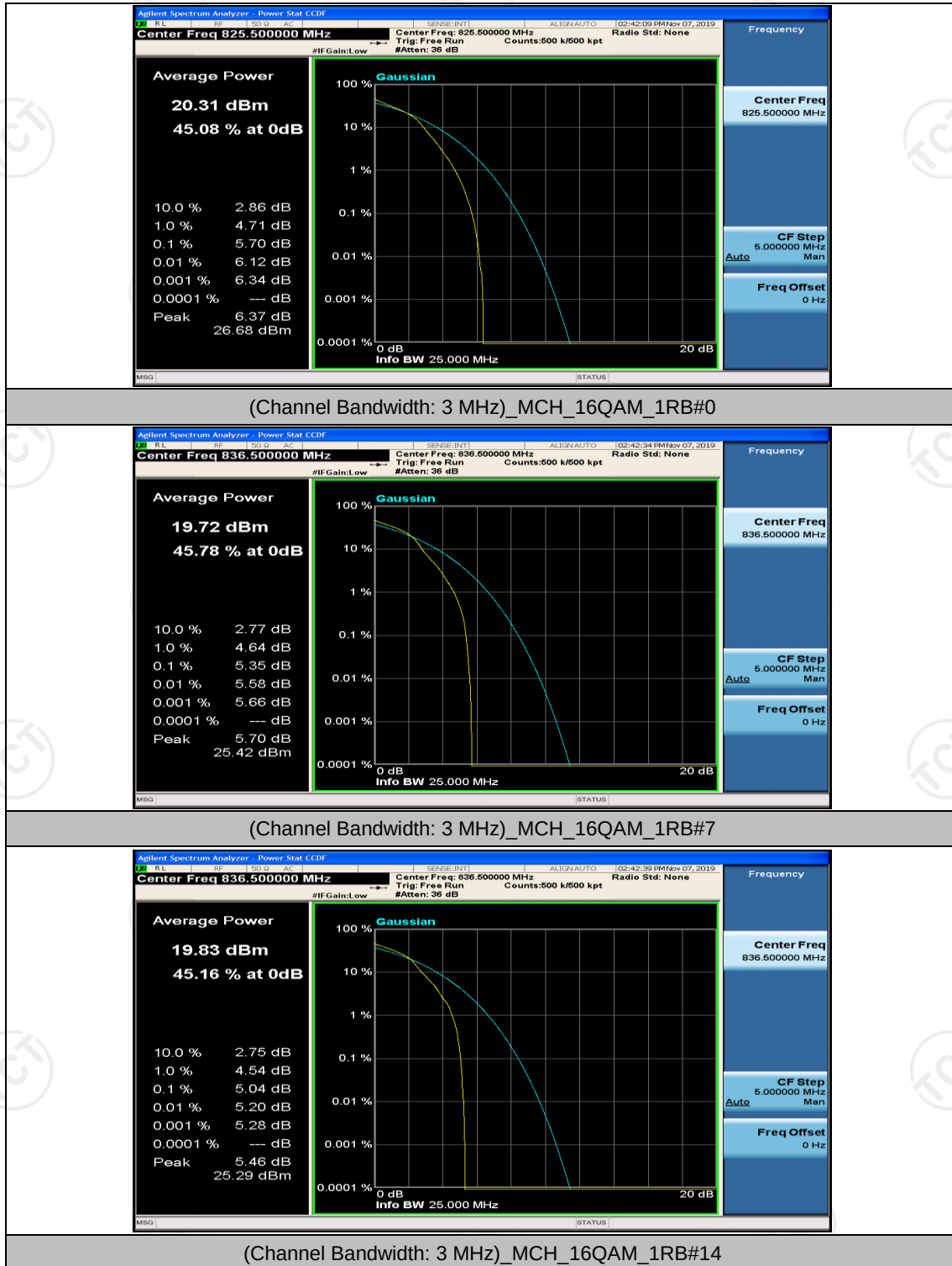


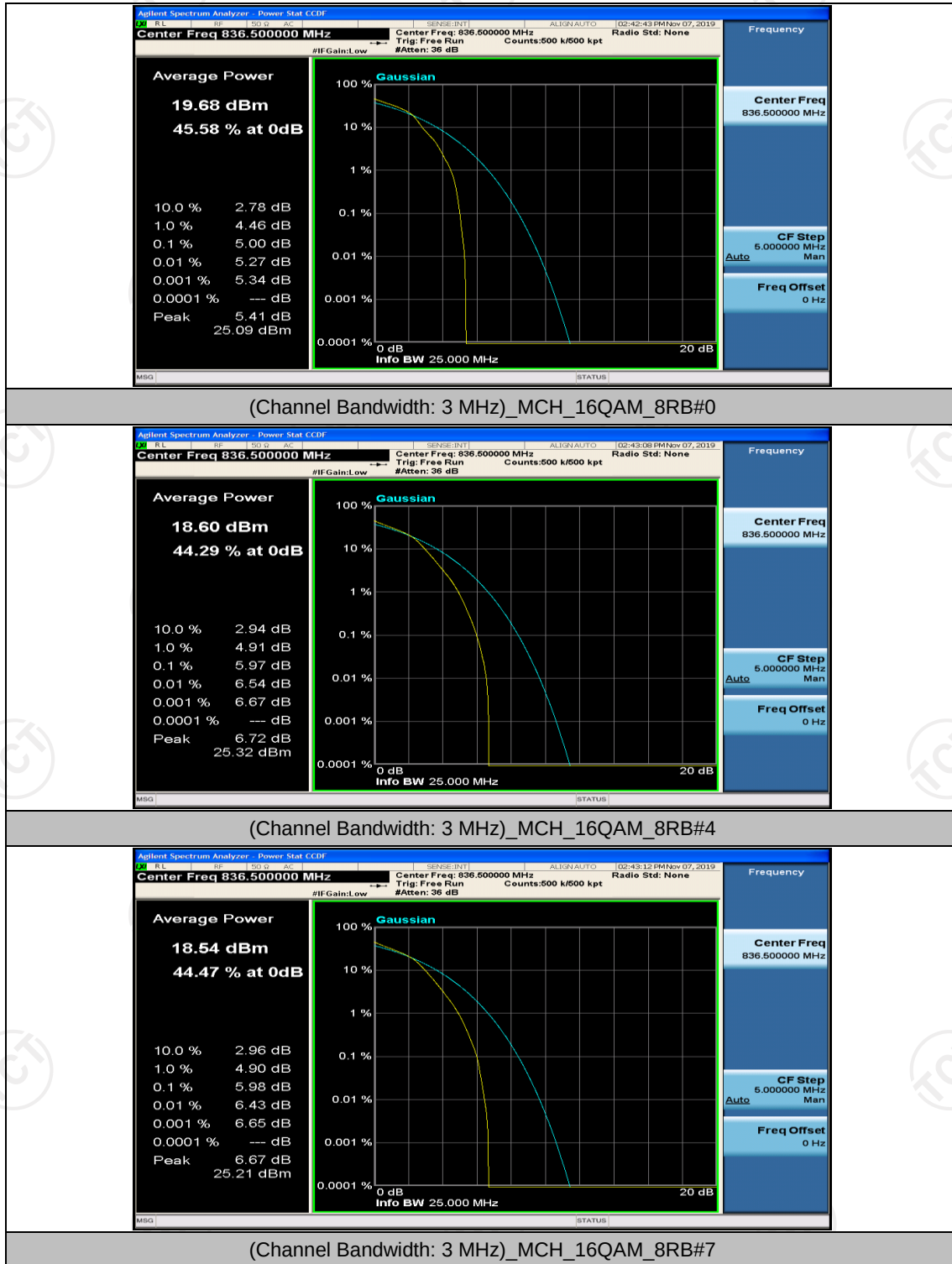


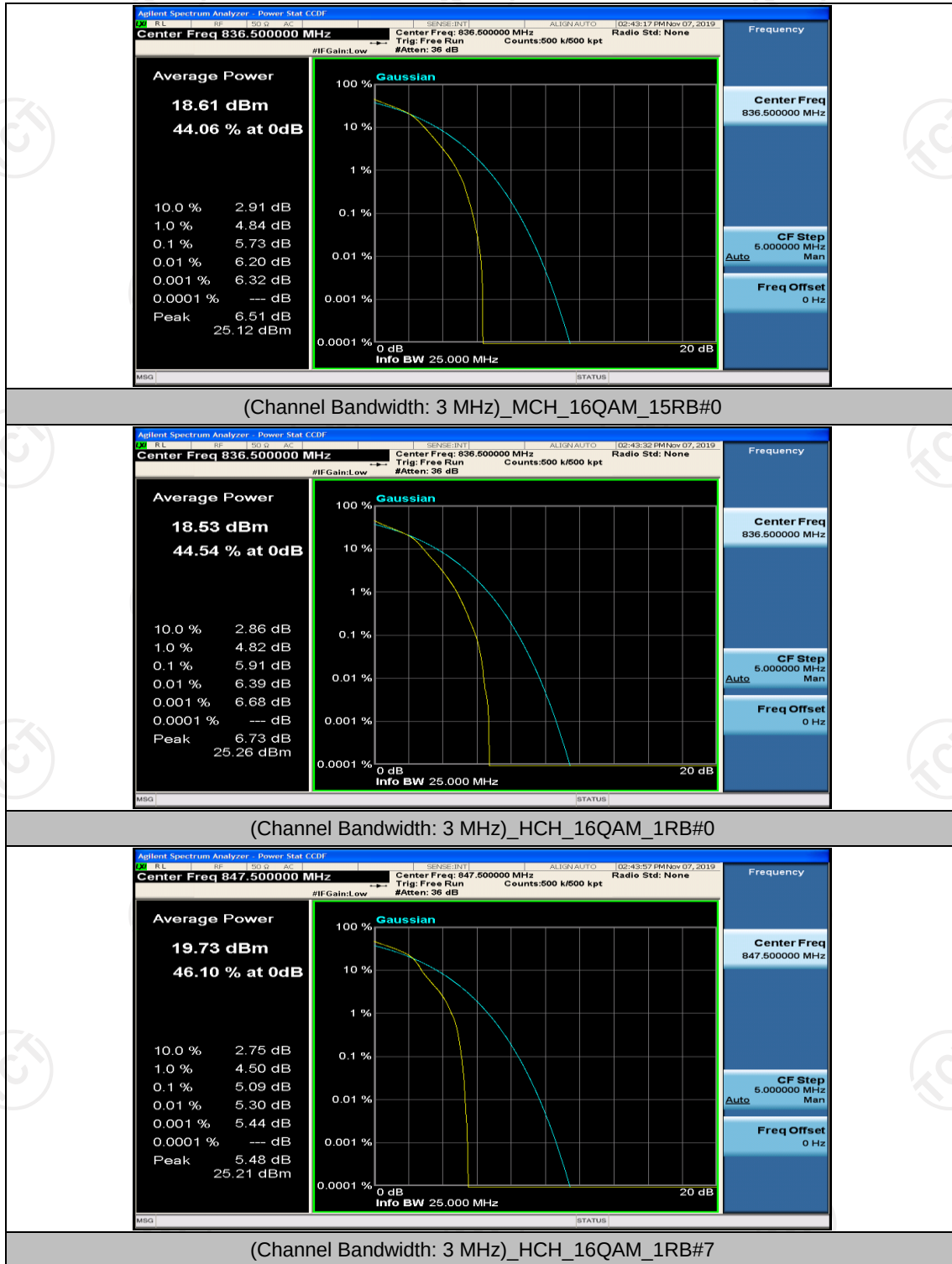


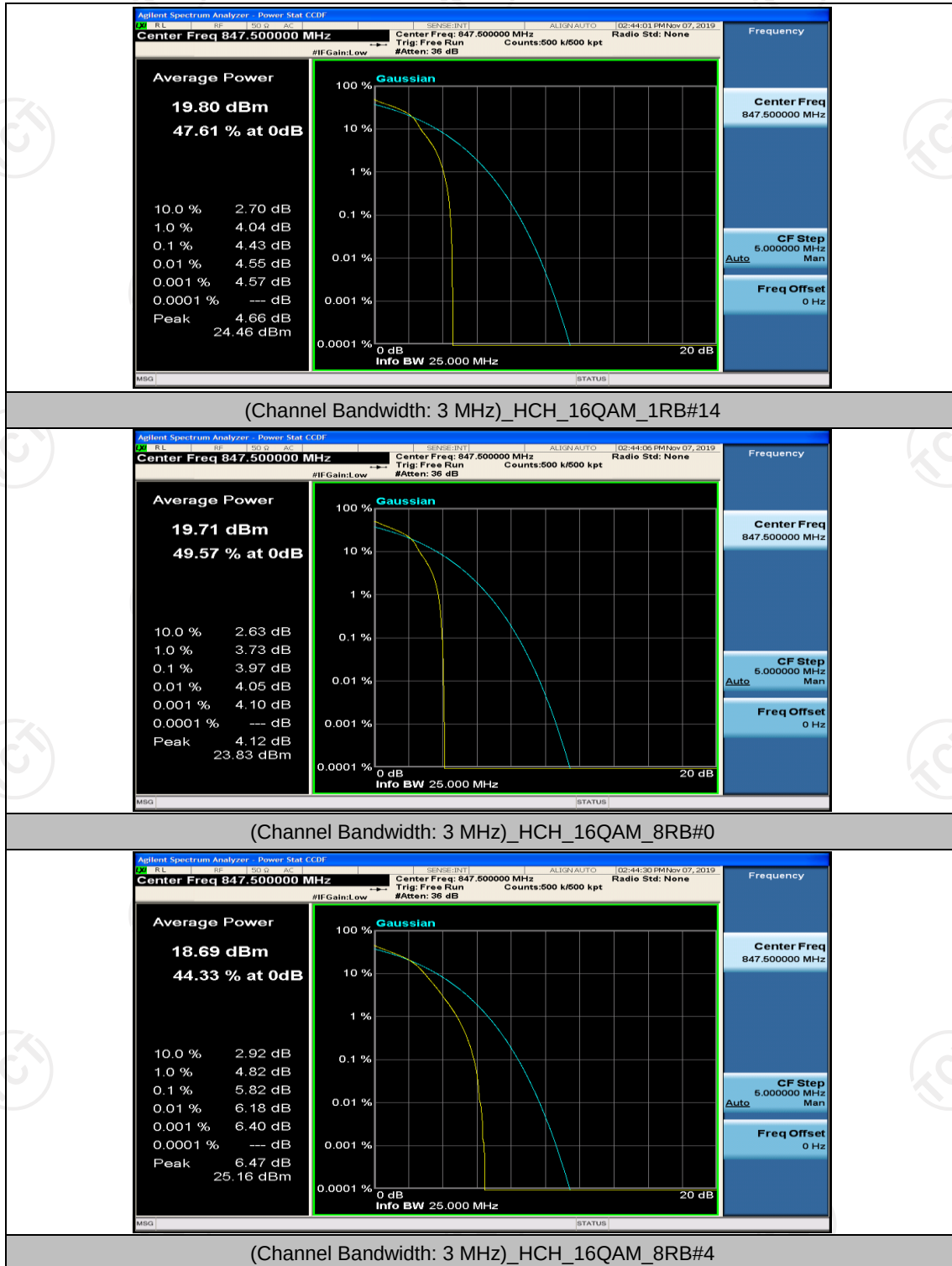


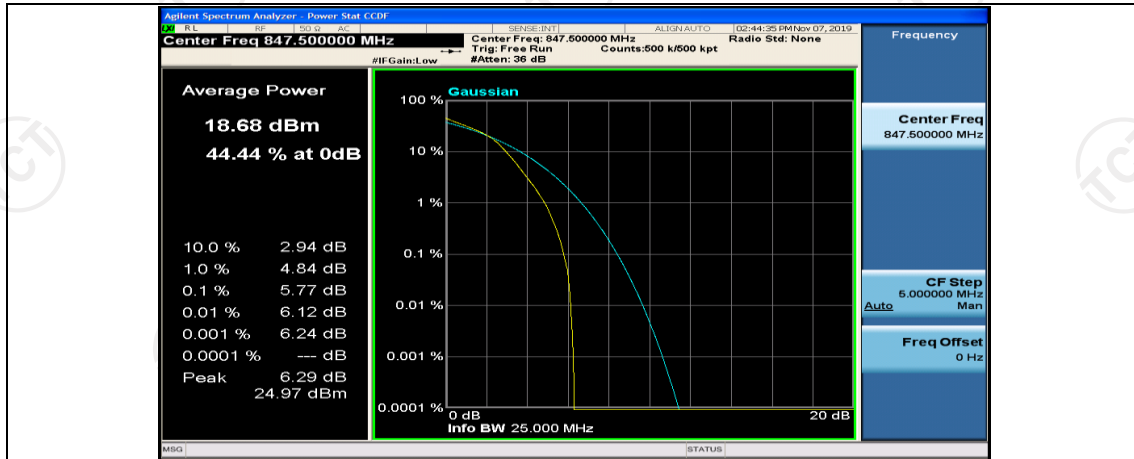




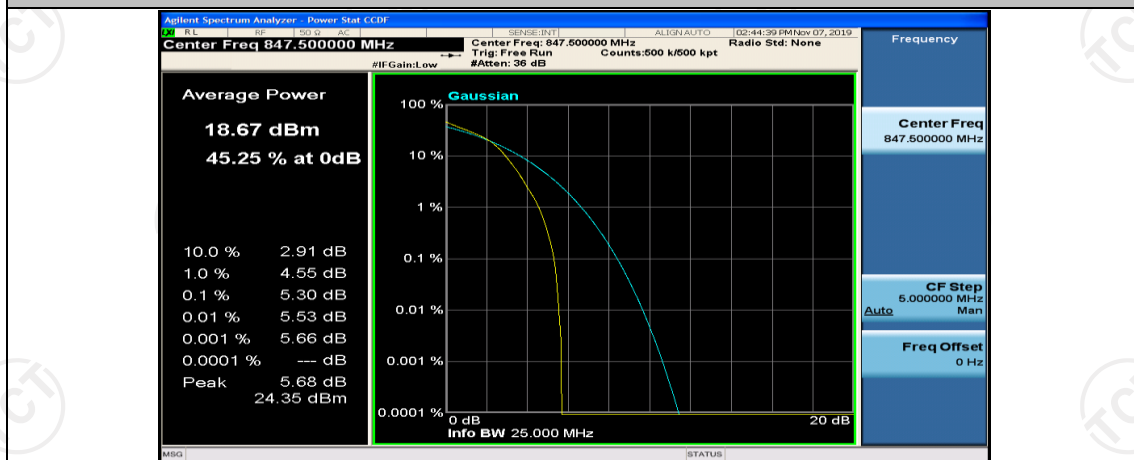




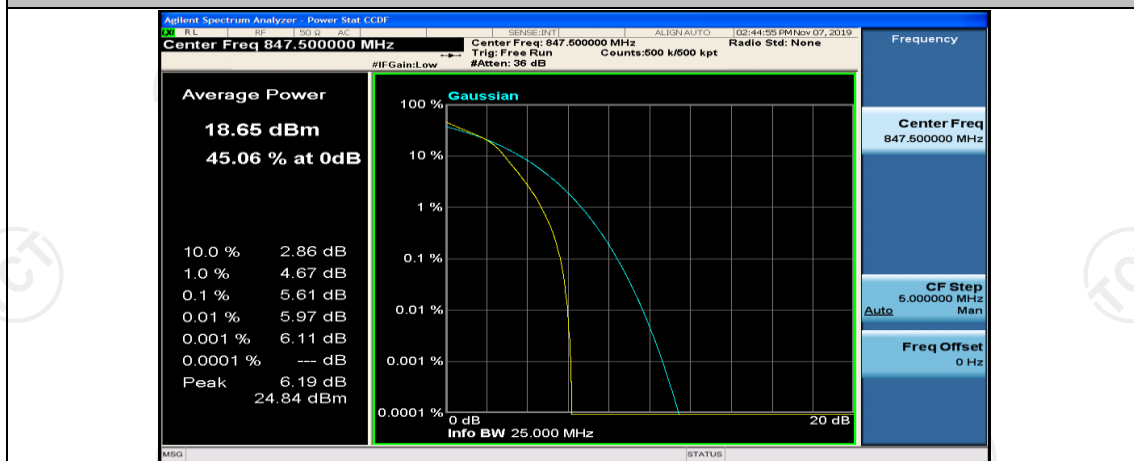




(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7

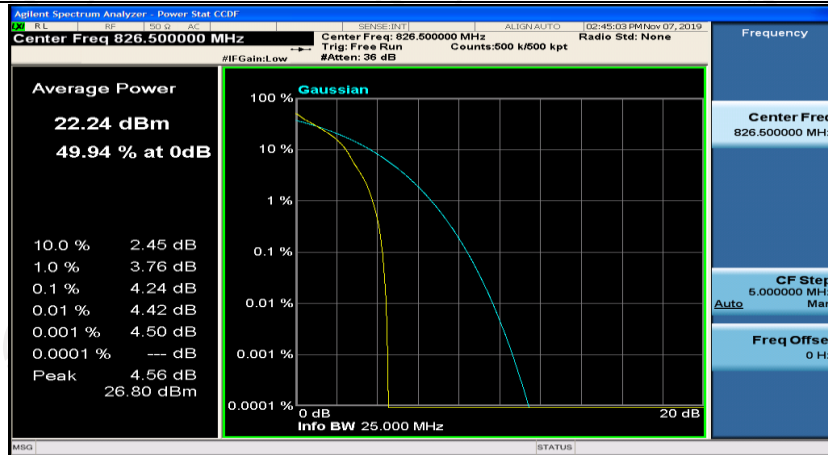


(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

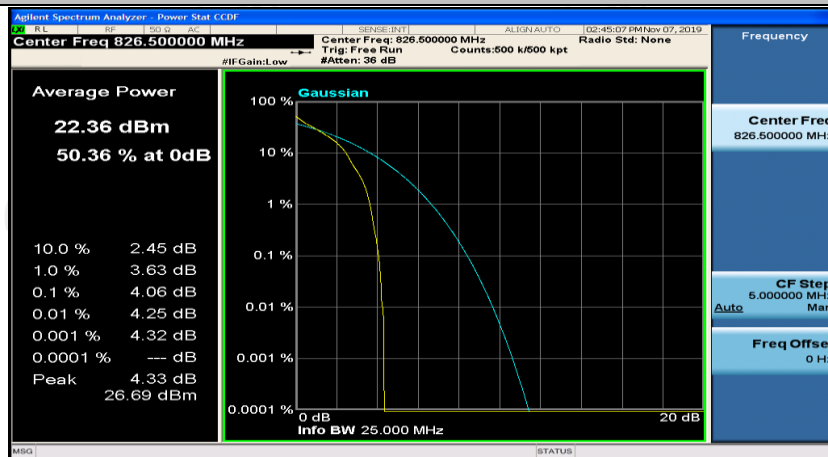


Channel Bandwidth: 5 MHz

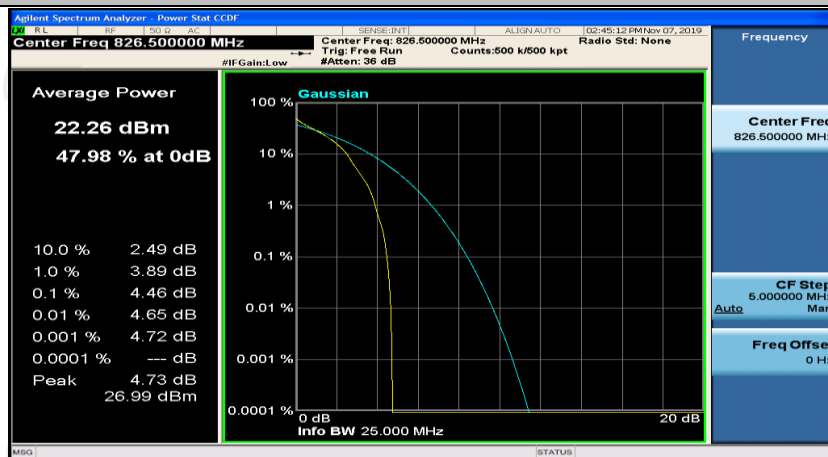
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0

