

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	22.10	22.30	PASS
		1	3	22.18	22.38	PASS
		1	5	22.09	22.29	PASS
		3	0	22.22	22.42	PASS
		3	2	22.22	22.42	PASS
		3	3	22.22	22.42	PASS
		6	0	21.22	21.42	PASS
	MCH	1	0	22.17	22.37	PASS
		1	3	22.29	22.49	PASS
		1	5	22.13	22.33	PASS
		3	0	22.23	22.43	PASS
		3	2	22.22	22.42	PASS
		3	3	22.26	22.46	PASS
		6	0	21.26	21.46	PASS
	HCH	1	0	22.13	22.33	PASS
		1	3	22.23	22.43	PASS
		1	5	22.10	22.30	PASS
		3	0	22.17	22.37	PASS
		3	2	22.20	22.40	PASS
		3	3	22.18	22.38	PASS
		6	0	21.22	21.42	PASS
16QAM	LCH	1	0	21.26	21.46	PASS
		1	3	21.47	21.67	PASS
		1	5	21.29	21.49	PASS
		3	0	21.20	21.40	PASS
		3	2	21.22	21.42	PASS
		3	3	21.19	21.39	PASS
		6	0	20.25	20.45	PASS
	MCH	1	0	21.37	21.57	PASS
		1	3	21.55	21.75	PASS
		1	5	21.40	21.60	PASS
		3	0	21.25	21.45	PASS
		3	2	21.25	21.45	PASS

		3	3	21.28	21.48	PASS
		6	0	20.22	20.42	PASS
	HCH	1	0	21.07	21.27	PASS
		1	3	21.22	21.42	PASS
		1	5	21.04	21.24	PASS
		3	0	21.11	21.31	PASS
		3	2	21.13	21.33	PASS
		3	3	21.04	21.24	PASS
		6	0	20.23	20.43	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	22.11	22.31	PASS
		1	7	22.12	22.32	PASS
		1	14	22.09	22.29	PASS
		8	0	21.18	21.38	PASS
		8	4	21.18	21.38	PASS
		8	7	21.19	21.39	PASS
		15	0	21.18	21.38	PASS
	MCH	1	0	22.18	22.38	PASS
		1	7	22.19	22.39	PASS
		1	14	22.14	22.34	PASS
		8	0	21.20	21.40	PASS
		8	4	21.20	21.40	PASS
		8	7	21.18	21.38	PASS
		15	0	21.18	21.38	PASS
	HCH	1	0	22.23	22.43	PASS
		1	7	22.15	22.35	PASS
		1	14	22.12	22.32	PASS
		8	0	21.21	21.41	PASS
		8	4	21.24	21.44	PASS
		8	7	21.25	21.45	PASS
		15	0	21.18	21.38	PASS
16QAM	LCH	1	0	21.40	21.60	PASS
		1	7	21.37	21.57	PASS
		1	14	21.35	21.55	PASS
		8	0	20.23	20.43	PASS
		8	4	20.23	20.43	PASS

		8	7	20.24	20.44	PASS
		15	0	20.21	20.41	PASS
	MCH	1	0	21.39	21.59	PASS
		1	7	21.39	21.59	PASS
		1	14	21.39	21.59	PASS
		8	0	20.25	20.45	PASS
		8	4	20.23	20.43	PASS
		8	7	20.20	20.40	PASS
		15	0	20.19	20.39	PASS
	HCH	1	0	21.12	21.32	PASS
		1	7	21.09	21.29	PASS
		1	14	21.05	21.25	PASS
		8	0	20.24	20.44	PASS
		8	4	20.21	20.41	PASS
		8	7	20.19	20.39	PASS
		15	0	20.18	20.38	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	22.15	22.35	PASS
		1	12	22.24	22.44	PASS
		1	24	22.12	22.32	PASS
		12	0	21.15	21.35	PASS
		12	6	21.13	21.33	PASS
		12	13	21.23	21.43	PASS
		25	0	21.19	21.39	PASS
	MCH	1	0	22.15	22.35	PASS
		1	12	22.28	22.48	PASS
		1	24	22.13	22.33	PASS
		12	0	21.25	21.45	PASS
		12	6	21.24	21.44	PASS
		12	13	21.11	21.31	PASS
		25	0	21.25	21.45	PASS
	HCH	1	0	22.21	22.41	PASS
		1	12	22.27	22.47	PASS
		1	24	22.12	22.32	PASS
		12	0	21.18	21.38	PASS
		12	6	21.18	21.38	PASS

16QAM	LCH	12	13	21.24	21.44	PASS
		25	0	21.25	21.45	PASS
		1	0	21.23	21.43	PASS
		1	12	21.32	21.52	PASS
		1	24	21.20	21.40	PASS
		12	0	20.21	20.41	PASS
		12	6	20.19	20.39	PASS
		12	13	20.27	20.47	PASS
		25	0	20.20	20.40	PASS
	MCH	1	0	21.38	21.58	PASS
		1	12	21.51	21.71	PASS
		1	24	21.36	21.56	PASS
		12	0	20.36	20.56	PASS
		12	6	20.33	20.53	PASS
		12	13	20.23	20.43	PASS
		25	0	20.22	20.42	PASS
	HCH	1	0	21.26	21.46	PASS
		1	12	21.32	21.52	PASS
		1	24	21.17	21.37	PASS
		12	0	20.21	20.41	PASS
		12	6	20.22	20.42	PASS
		12	13	20.30	20.50	PASS
		25	0	20.29	20.49	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	22.14	22.34	PASS
		1	24	22.19	22.39	PASS
		1	49	22.09	22.29	PASS
		25	0	21.18	21.38	PASS
		25	12	21.17	21.37	PASS
		25	25	21.21	21.41	PASS
		50	0	21.21	21.41	PASS
	MCH	1	0	22.18	22.38	PASS
		1	24	22.31	22.51	PASS
		1	49	22.19	22.39	PASS
		25	0	21.36	21.56	PASS
		25	12	21.35	21.55	PASS

		25	25	21.19	21.39	PASS
		50	0	21.32	21.52	PASS
	HCH	1	0	22.24	22.44	PASS
		1	24	22.31	22.51	PASS
		1	49	22.19	22.42	PASS
		25	0	21.43	21.63	PASS
		25	12	21.38	21.58	PASS
		25	25	21.45	21.65	PASS
		50	0	21.42	21.62	PASS
16QAM	LCH	1	0	21.40	21.60	PASS
		1	24	21.49	21.69	PASS
		1	49	21.37	21.57	PASS
		25	0	20.25	20.45	PASS
		25	12	20.23	20.43	PASS
		25	25	20.24	20.44	PASS
		50	0	20.20	20.40	PASS
	MCH	1	0	21.39	21.59	PASS
		1	24	21.51	21.71	PASS
		1	49	21.38	21.58	PASS
		25	0	20.39	20.59	PASS
		25	12	20.40	20.60	PASS
		25	25	20.26	20.46	PASS
		50	0	20.34	20.54	PASS
	HCH	1	0	21.15	21.35	PASS
		1	24	21.25	21.45	PASS
		1	49	21.07	21.27	PASS
		25	0	20.47	20.67	PASS
		25	12	20.45	20.65	PASS
		25	25	20.46	20.66	PASS
		50	0	20.40	20.60	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	5.65	<13	PASS
		1	3	5.56	<13	PASS
		1	5	5.6	<13	PASS
		3	0	5.67	<13	PASS
		3	2	5.65	<13	PASS
		3	3	5.63	<13	PASS
		6	0	5.78	<13	PASS
	MCH	1	0	5.88	<13	PASS
		1	3	5.76	<13	PASS
		1	5	5.42	<13	PASS
		3	0	5.74	<13	PASS
		3	2	5.57	<13	PASS
		3	3	5.78	<13	PASS
		6	0	5.69	<13	PASS
	HCH	1	0	5.23	<13	PASS
		1	3	5.02	<13	PASS
		1	5	4.99	<13	PASS
		3	0	5.17	<13	PASS
		3	2	5.14	<13	PASS
		3	3	5.07	<13	PASS
		6	0	5.45	<13	PASS
16QAM	LCH	1	0	6.46	<13	PASS
		1	3	6.33	<13	PASS
		1	5	6.55	<13	PASS
		3	0	6.22	<13	PASS
		3	2	6.25	<13	PASS
		3	3	6.25	<13	PASS
		6	0	6.48	<13	PASS
	MCH	1	0	6.64	<13	PASS
		1	3	6.44	<13	PASS
		1	5	6.58	<13	PASS

		3	0	6.38	<13	PASS
		3	2	6.33	<13	PASS
		3	3	6.36	<13	PASS
		6	0	6.45	<13	PASS
	HCH	1	0	5.95	<13	PASS
		1	3	5.97	<13	PASS
		1	5	6.1	<13	PASS
		3	0	6	<13	PASS
		3	2	6.06	<13	PASS
		3	3	5.97	<13	PASS
		6	0	6.35	<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	5.48	<13	PASS
		1	7	5.51	<13	PASS
		1	14	5.35	<13	PASS
		8	0	5.85	<13	PASS
		8	4	5.8	<13	PASS
		8	7	5.81	<13	PASS
		15	0	5.8	<13	PASS
	MCH	1	0	5.48	<13	PASS
		1	7	5.65	<13	PASS
		1	14	5.57	<13	PASS
		8	0	5.78	<13	PASS
		8	4	5.76	<13	PASS
		8	7	5.8	<13	PASS
		15	0	5.9	<13	PASS
	HCH	1	0	5.12	<13	PASS
		1	7	5	<13	PASS
		1	14	4.8	<13	PASS
		8	0	5.81	<13	PASS
		8	4	5.71	<13	PASS
		8	7	5.63	<13	PASS
		15	0	5.62	<13	PASS
16QAM	LCH	1	0	6.2	<13	PASS
		1	7	6.34	<13	PASS
		1	14	6.25	<13	PASS

		8	0	6.67	<13	PASS
		8	4	6.55	<13	PASS
		8	7	6.69	<13	PASS
		15	0	6.7	<13	PASS
	MCH	1	0	6.34	<13	PASS
		1	7	6.61	<13	PASS
		1	14	6.32	<13	PASS
		8	0	6.54	<13	PASS
		8	4	6.53	<13	PASS
		8	7	6.61	<13	PASS
		15	0	6.63	<13	PASS
	HCH	1	0	5.86	<13	PASS
		1	7	5.66	<13	PASS
		1	14	5.63	<13	PASS
		8	0	6.43	<13	PASS
		8	4	6.59	<13	PASS
		8	7	6.44	<13	PASS
		15	0	6.46	<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	5.93	<13	PASS
		1	12	5.87	<13	PASS
		1	24	5.68	<13	PASS
		12	0	5.71	<13	PASS
		12	6	5.82	<13	PASS
		12	13	5.74	<13	PASS
		25	0	5.88	<13	PASS
	MCH	1	0	5.88	<13	PASS
		1	12	5.78	<13	PASS
		1	24	6.12	<13	PASS
		12	0	5.74	<13	PASS
		12	6	5.73	<13	PASS
		12	13	5.83	<13	PASS
		25	0	5.95	<13	PASS
	HCH	1	0	5.58	<13	PASS
		1	12	5.29	<13	PASS
		1	24	5.08	<13	PASS

16QAM		12	0	5.91	<13	PASS
		12	6	5.88	<13	PASS
		12	13	5.69	<13	PASS
		25	0	5.69	<13	PASS
	LCH	1	0	6.11	<13	PASS
		1	12	6.06	<13	PASS
		1	24	6.16	<13	PASS
		12	0	6.6	<13	PASS
		12	6	6.66	<13	PASS
		12	13	6.57	<13	PASS
		25	0	6.56	<13	PASS
	MCH	1	0	6.13	<13	PASS
		1	12	6.21	<13	PASS
		1	24	6.52	<13	PASS
		12	0	6.54	<13	PASS
		12	6	6.53	<13	PASS
		12	13	6.62	<13	PASS
		25	0	6.65	<13	PASS
	HCH	1	0	6.21	<13	PASS
		1	12	6.05	<13	PASS
		1	24	5.71	<13	PASS
		12	0	6.5	<13	PASS
		12	6	6.53	<13	PASS
		12	13	6.35	<13	PASS
		25	0	6.52	<13	PASS

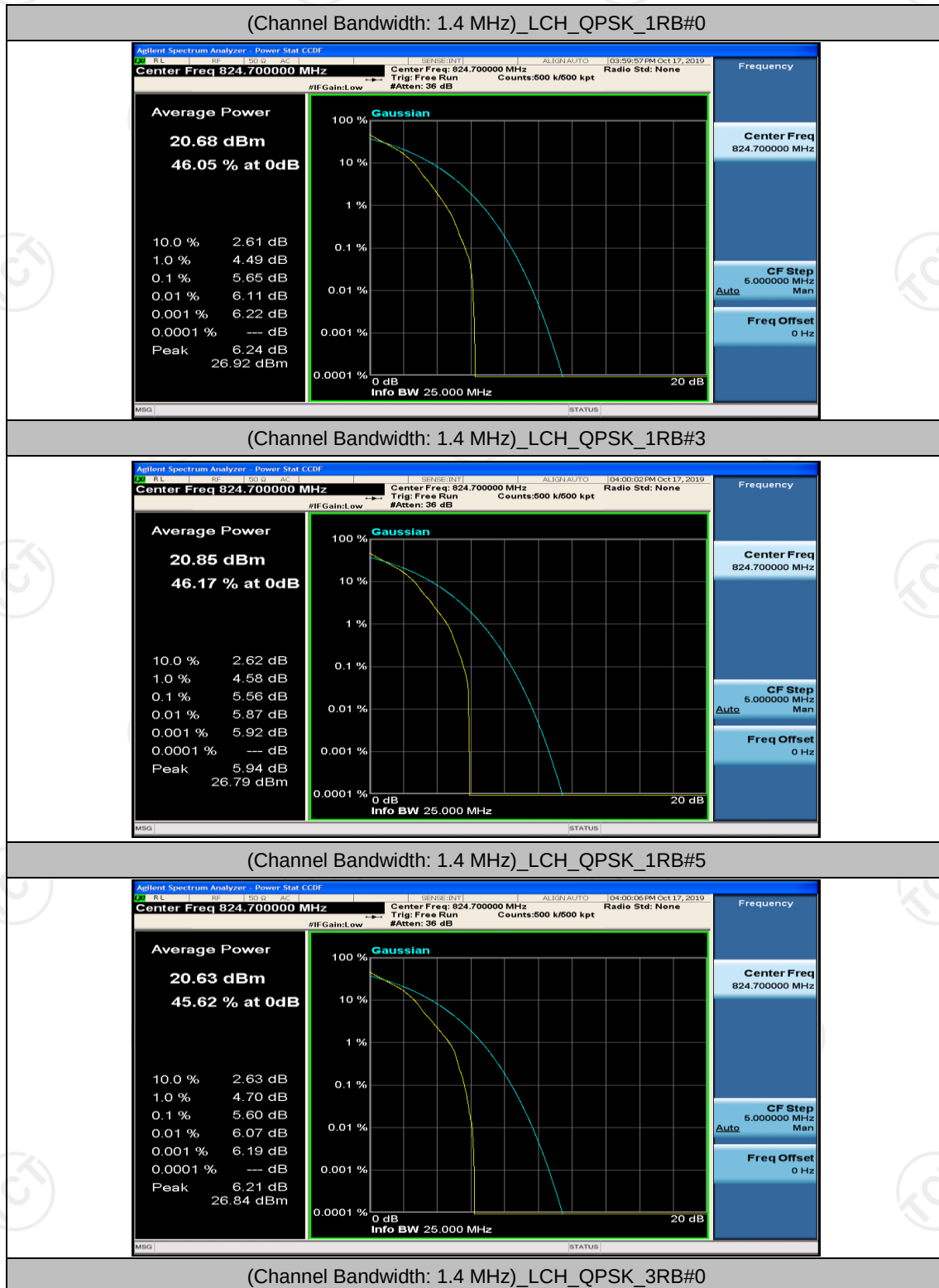
Channel Bandwidth: 10 MHz

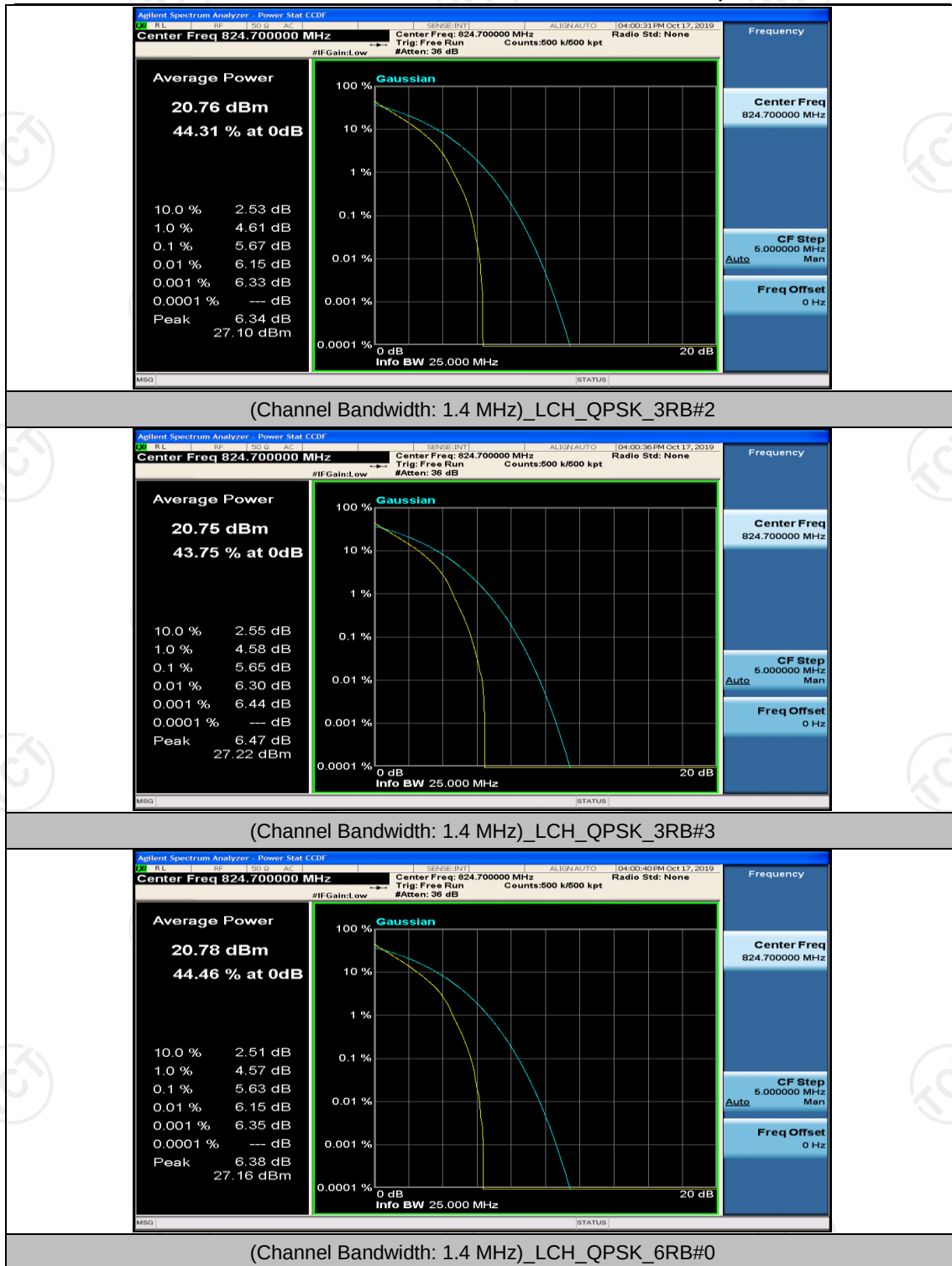
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.55	<13	PASS
		1	24	5.27	<13	PASS
		1	49	5.42	<13	PASS
		25	0	5.88	<13	PASS
		25	12	5.88	<13	PASS
		25	25	5.75	<13	PASS
		50	0	5.81	<13	PASS
	MCH	1	0	5.53	<13	PASS
		1	24	5.52	<13	PASS
		1	49	5.75	<13	PASS

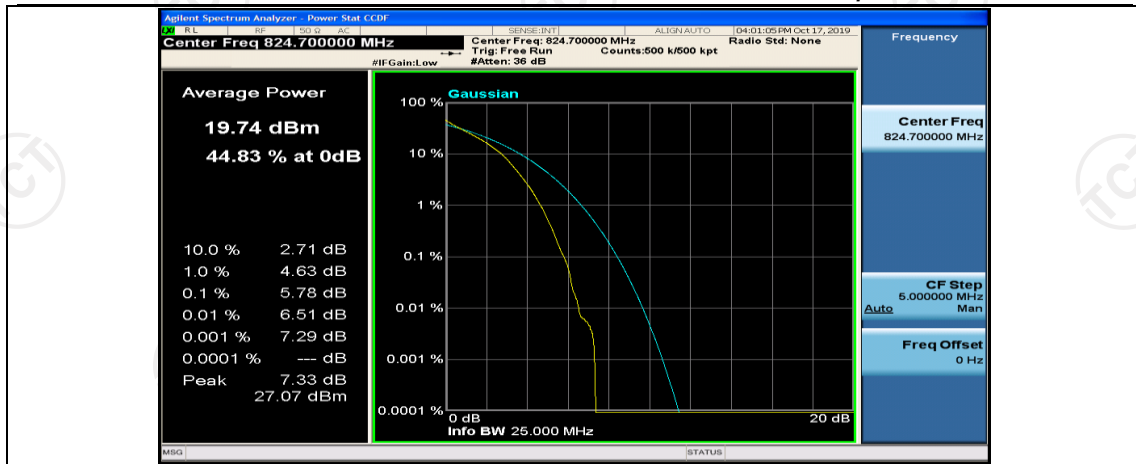
		25	0	5.79	<13	PASS
		25	12	5.77	<13	PASS
		25	25	5.95	<13	PASS
		50	0	5.89	<13	PASS
	HCH	1	0	5.3	<13	PASS
		1	24	5.4	<13	PASS
		1	49	4.8	<13	PASS
		25	0	5.92	<13	PASS
		25	12	5.89	<13	PASS
		25	25	5.74	<13	PASS
		50	0	5.82	<13	PASS
16QAM	LCH	1	0	6.76	<13	PASS
		1	24	6.25	<13	PASS
		1	49	6.47	<13	PASS
		25	0	6.68	<13	PASS
		25	12	6.67	<13	PASS
		25	25	6.6	<13	PASS
		50	0	6.61	<13	PASS
	MCH	1	0	6.44	<13	PASS
		1	24	6.27	<13	PASS
		1	49	6.84	<13	PASS
		25	0	6.65	<13	PASS
		25	12	6.63	<13	PASS
		25	25	6.76	<13	PASS
		50	0	6.65	<13	PASS
	HCH	1	0	5.91	<13	PASS
		1	24	5.91	<13	PASS
		1	49	5.68	<13	PASS
		25	0	6.71	<13	PASS
		25	12	6.69	<13	PASS
		25	25	6.55	<13	PASS
		50	0	6.59	<13	PASS

Test Graphs

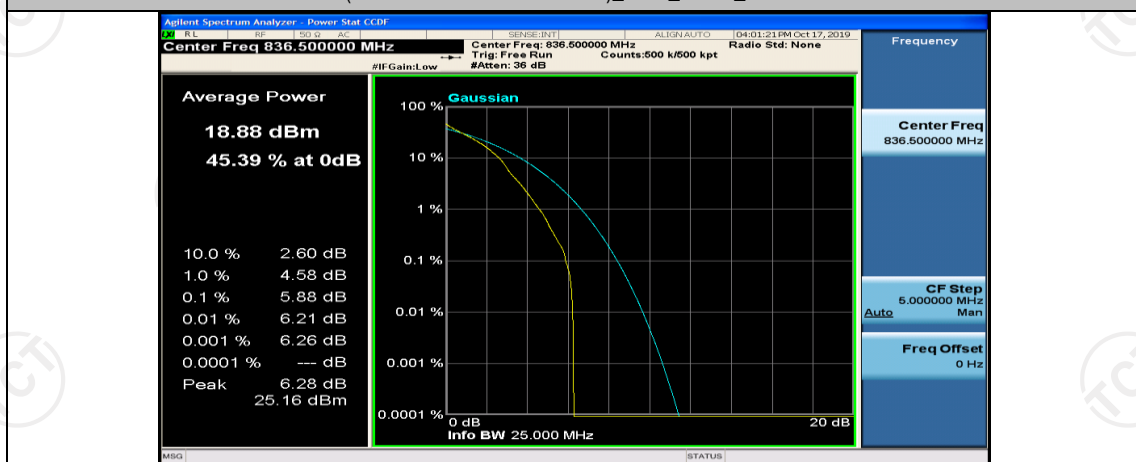
Channel Bandwidth: 1.4 MHz



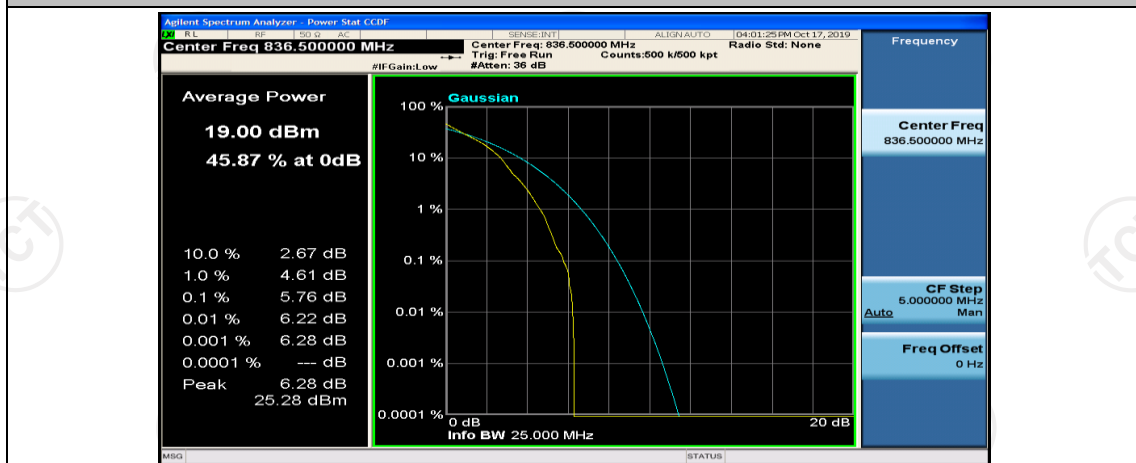




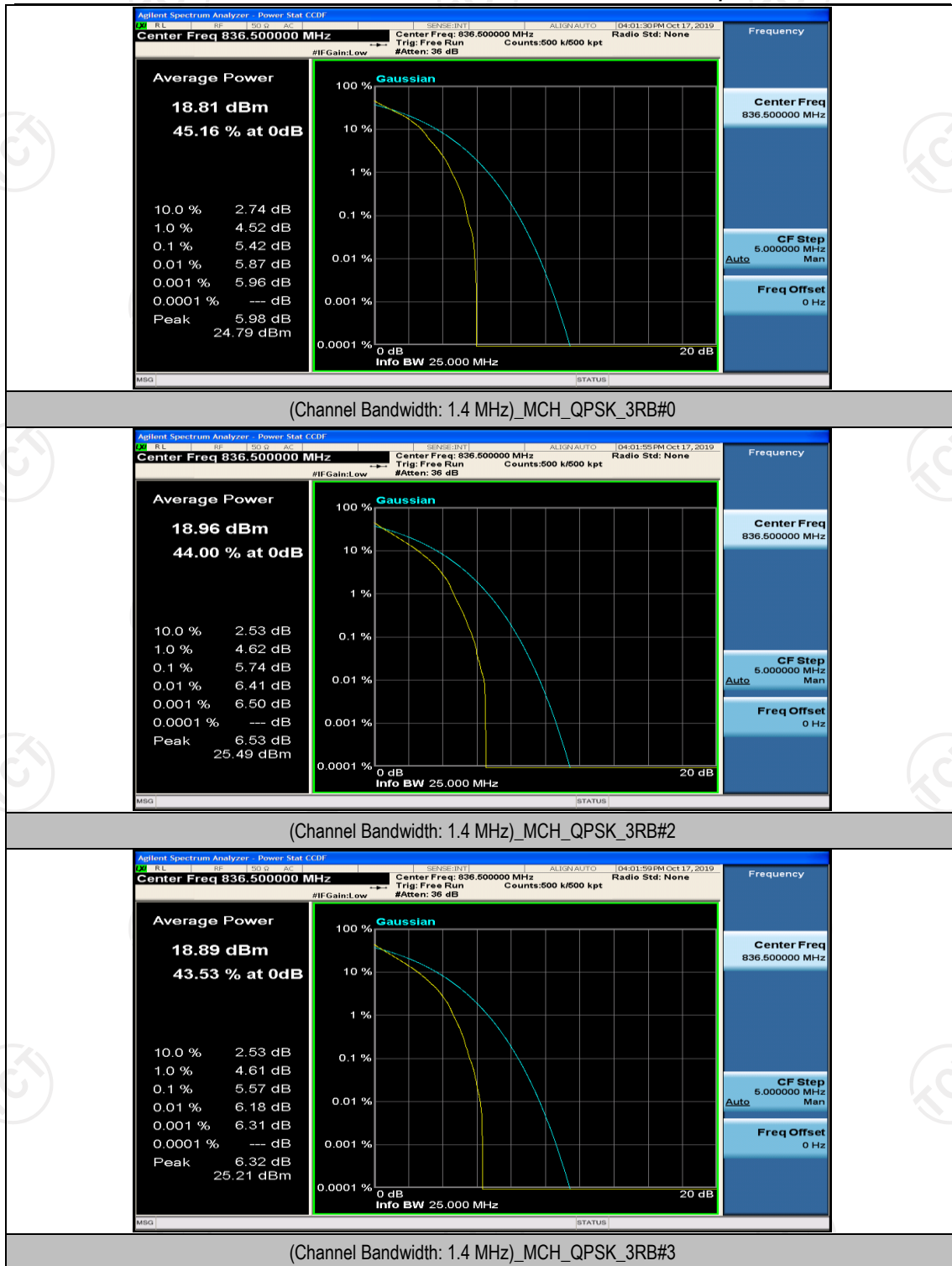
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

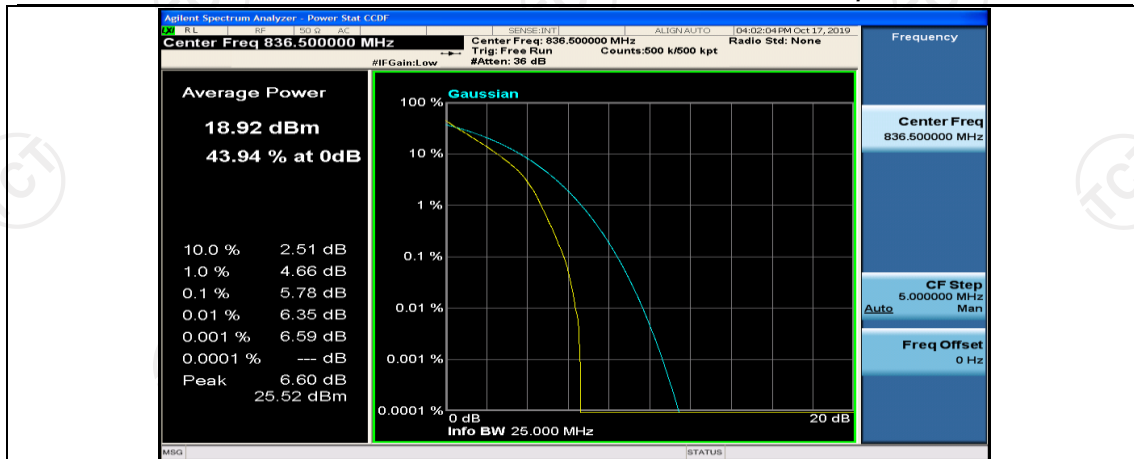


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

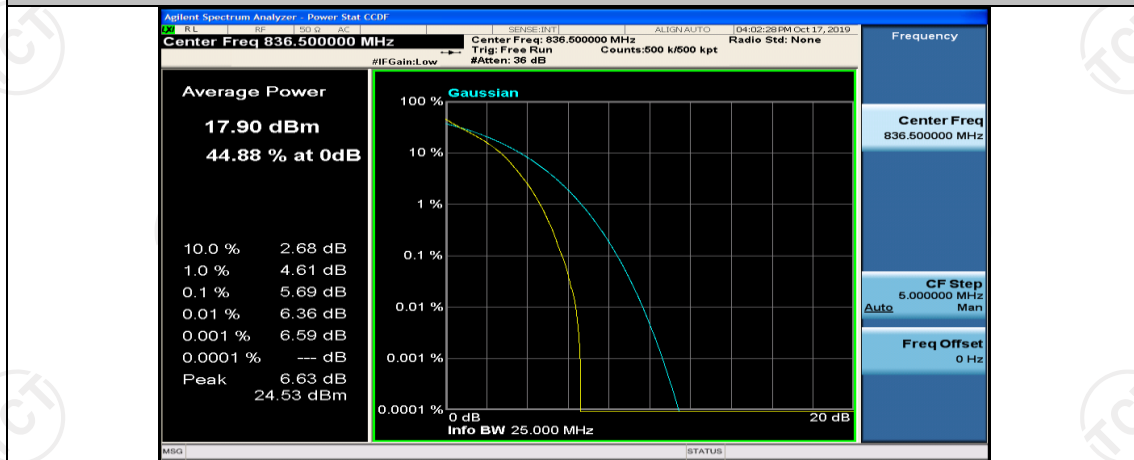


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

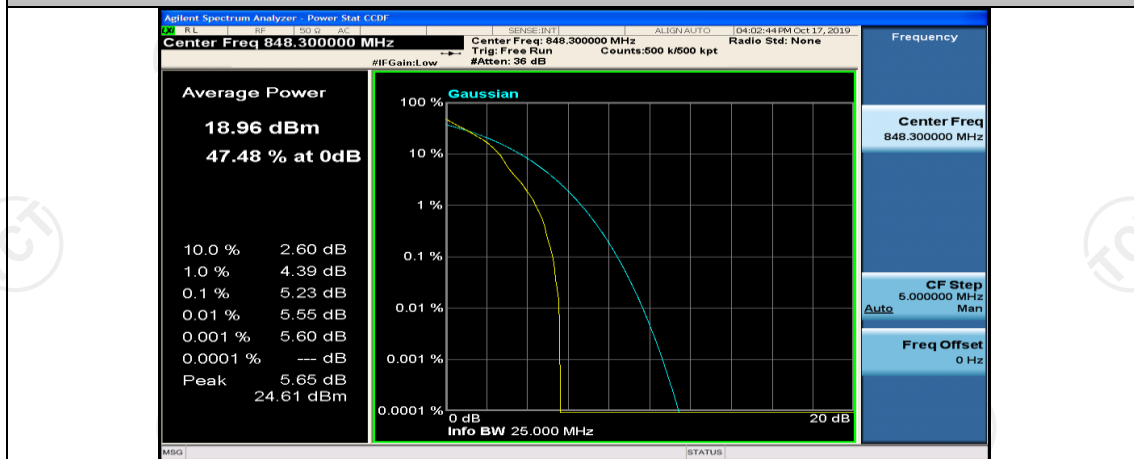




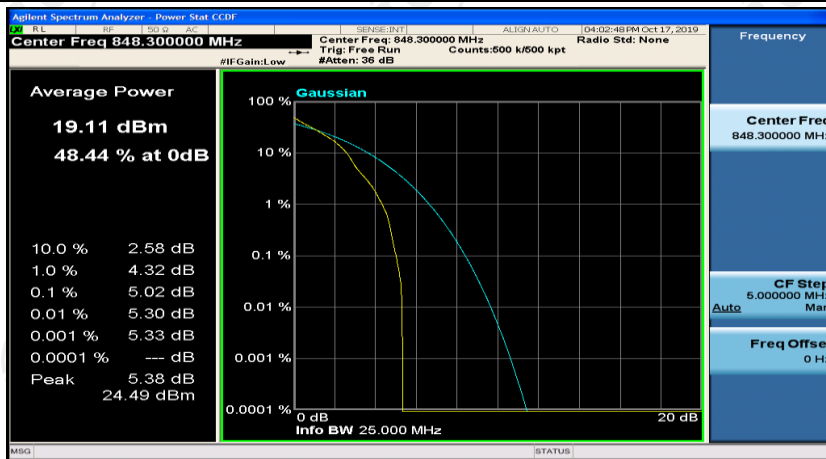
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



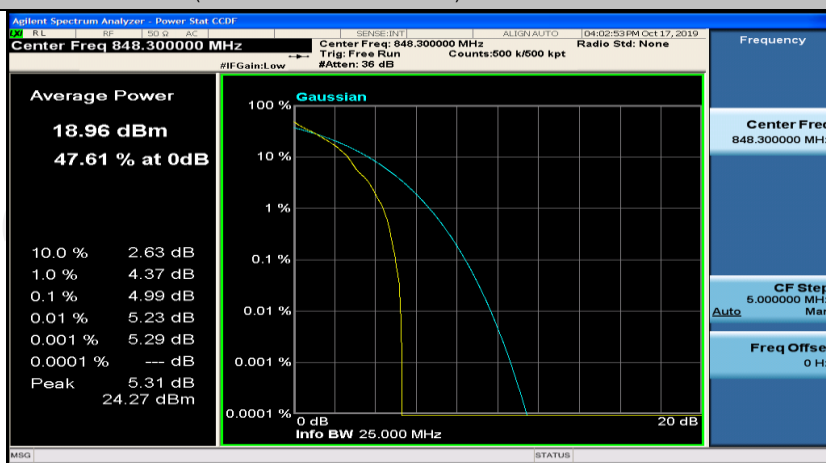
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



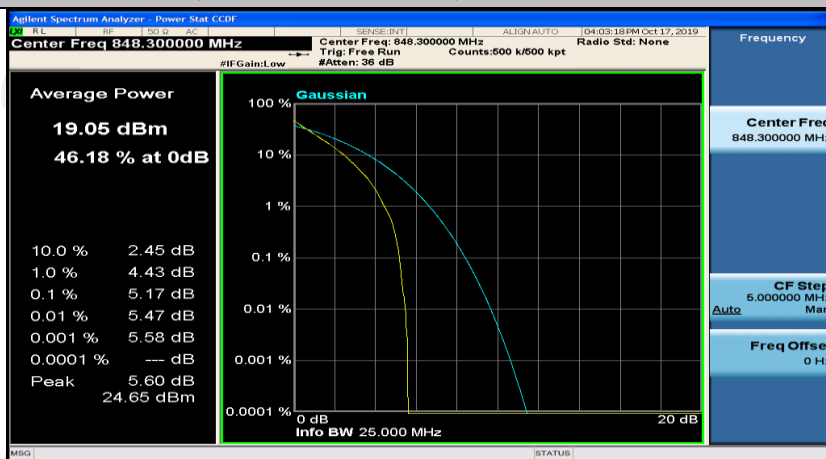
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



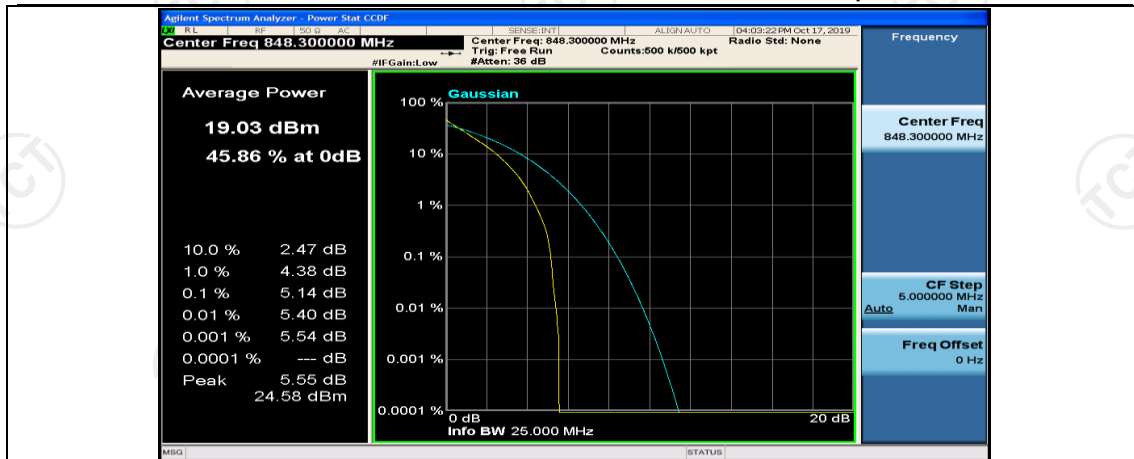
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



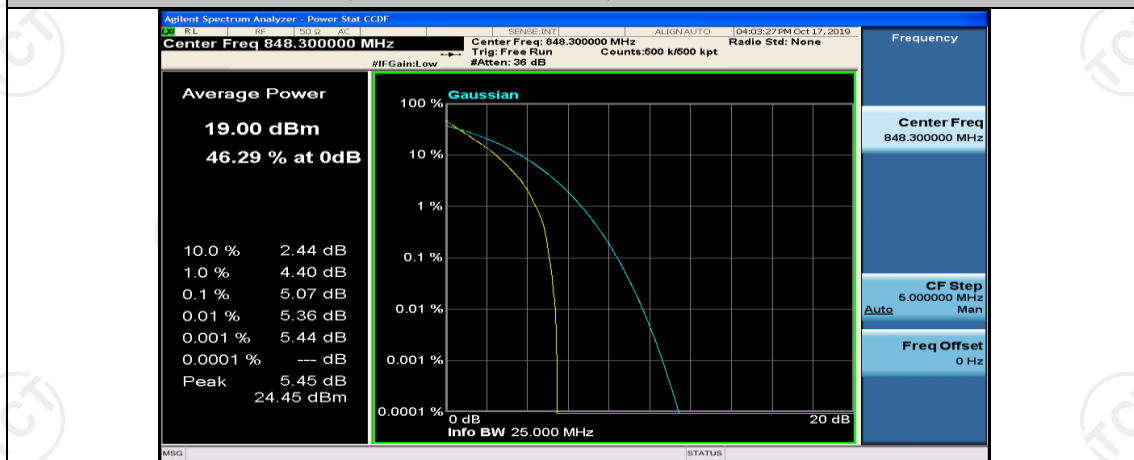
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



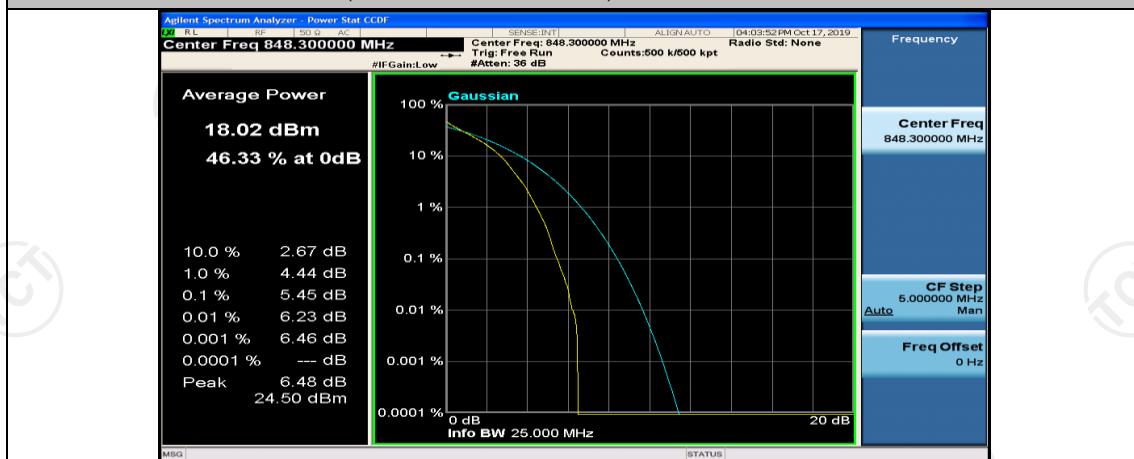
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



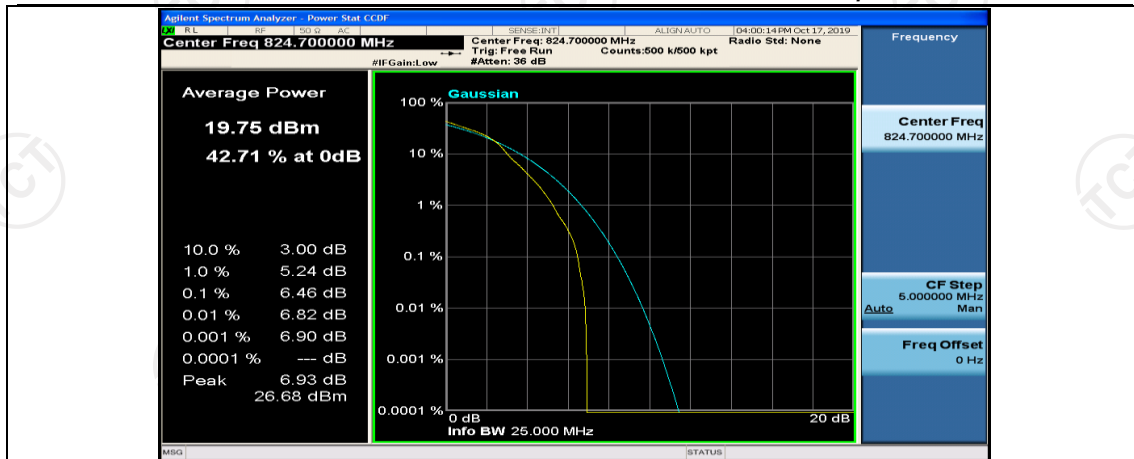
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



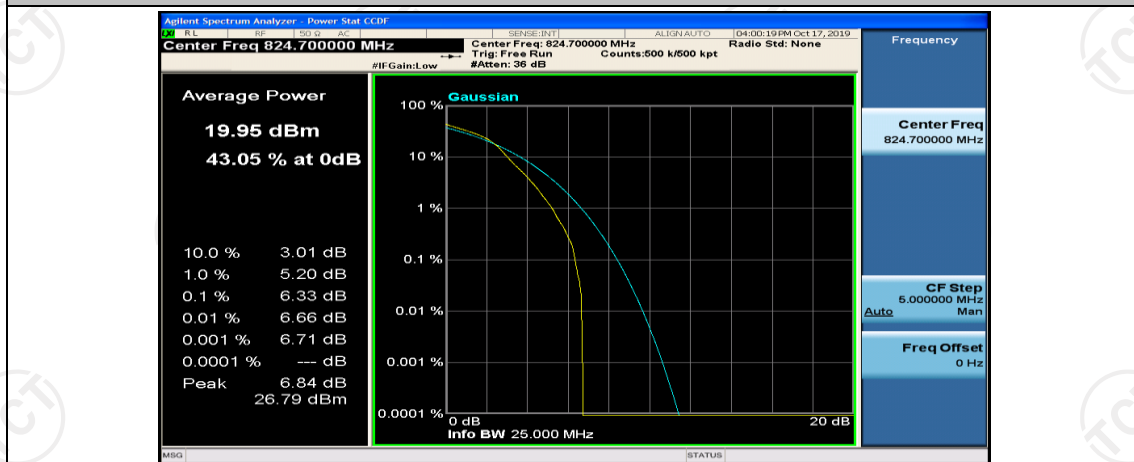
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



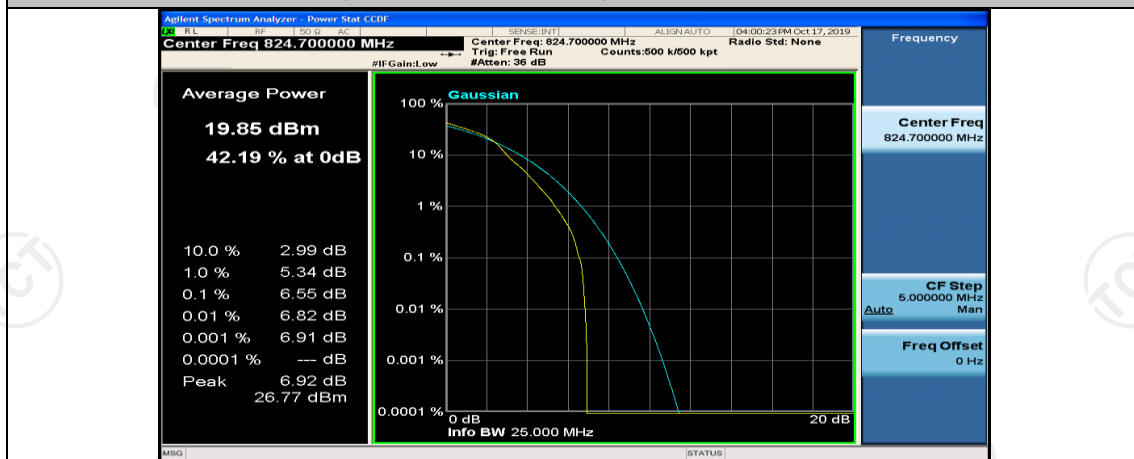
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



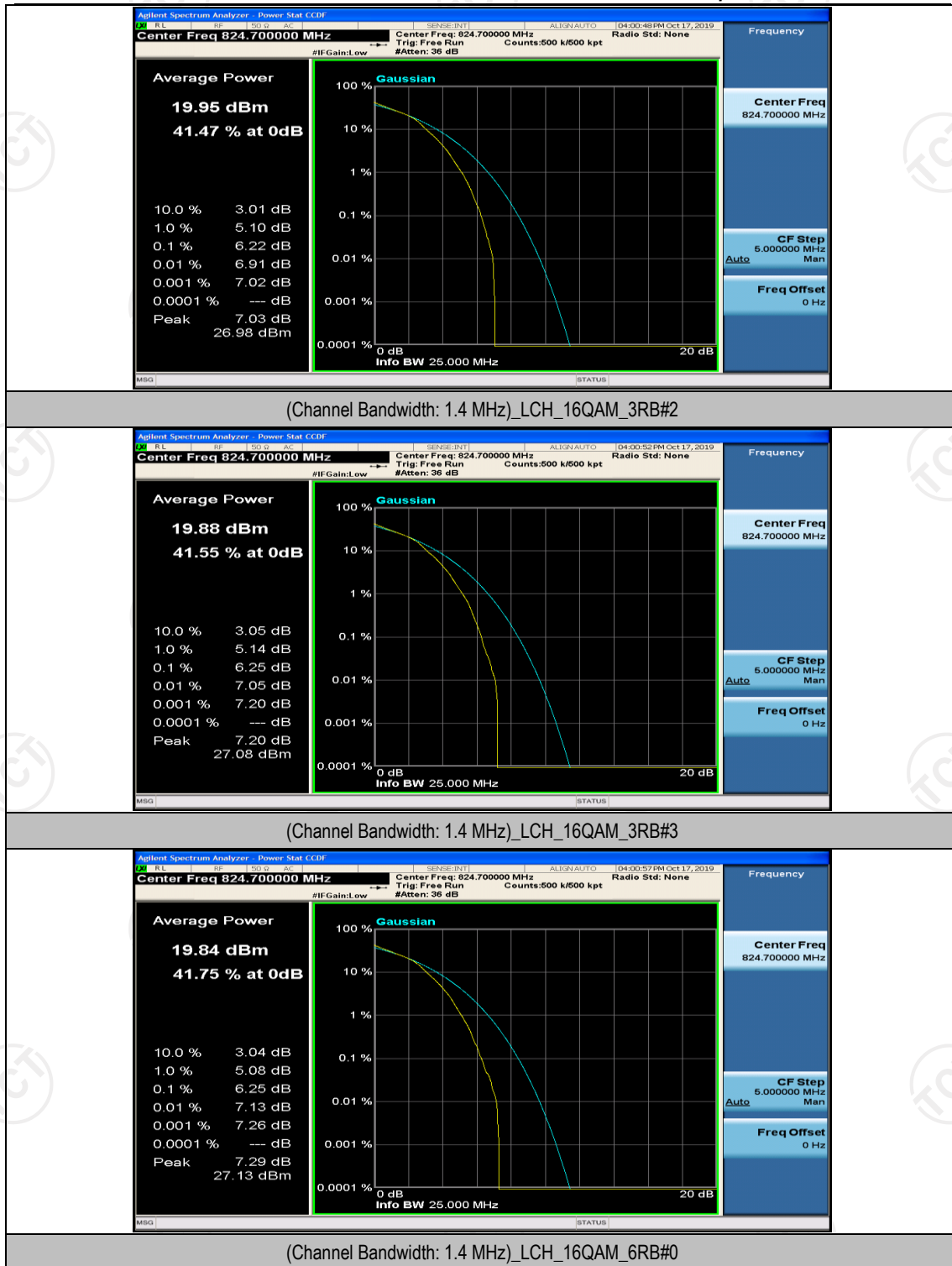
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5

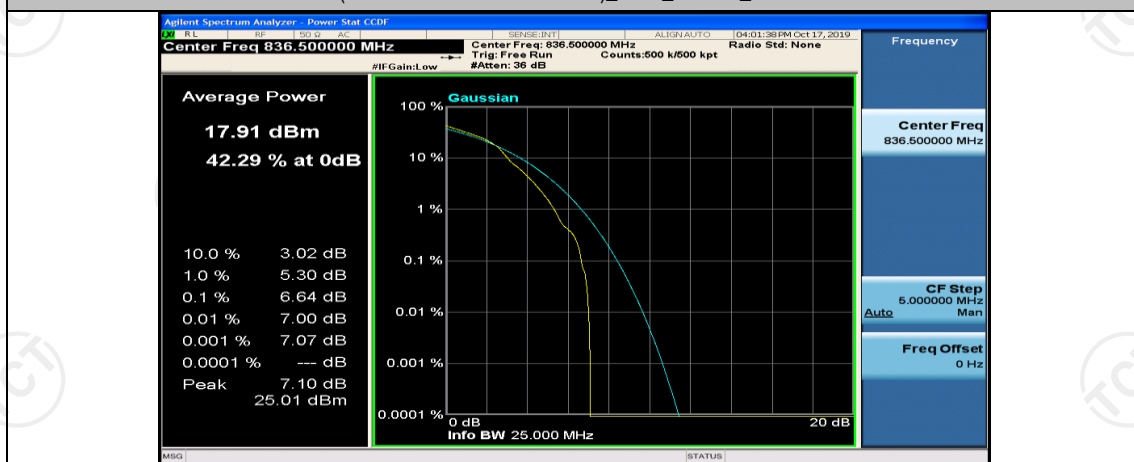


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0

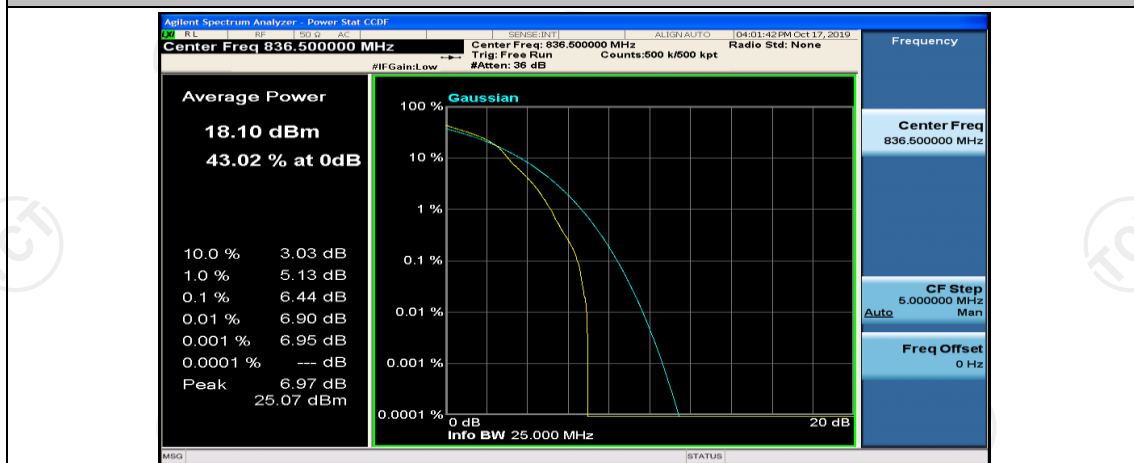




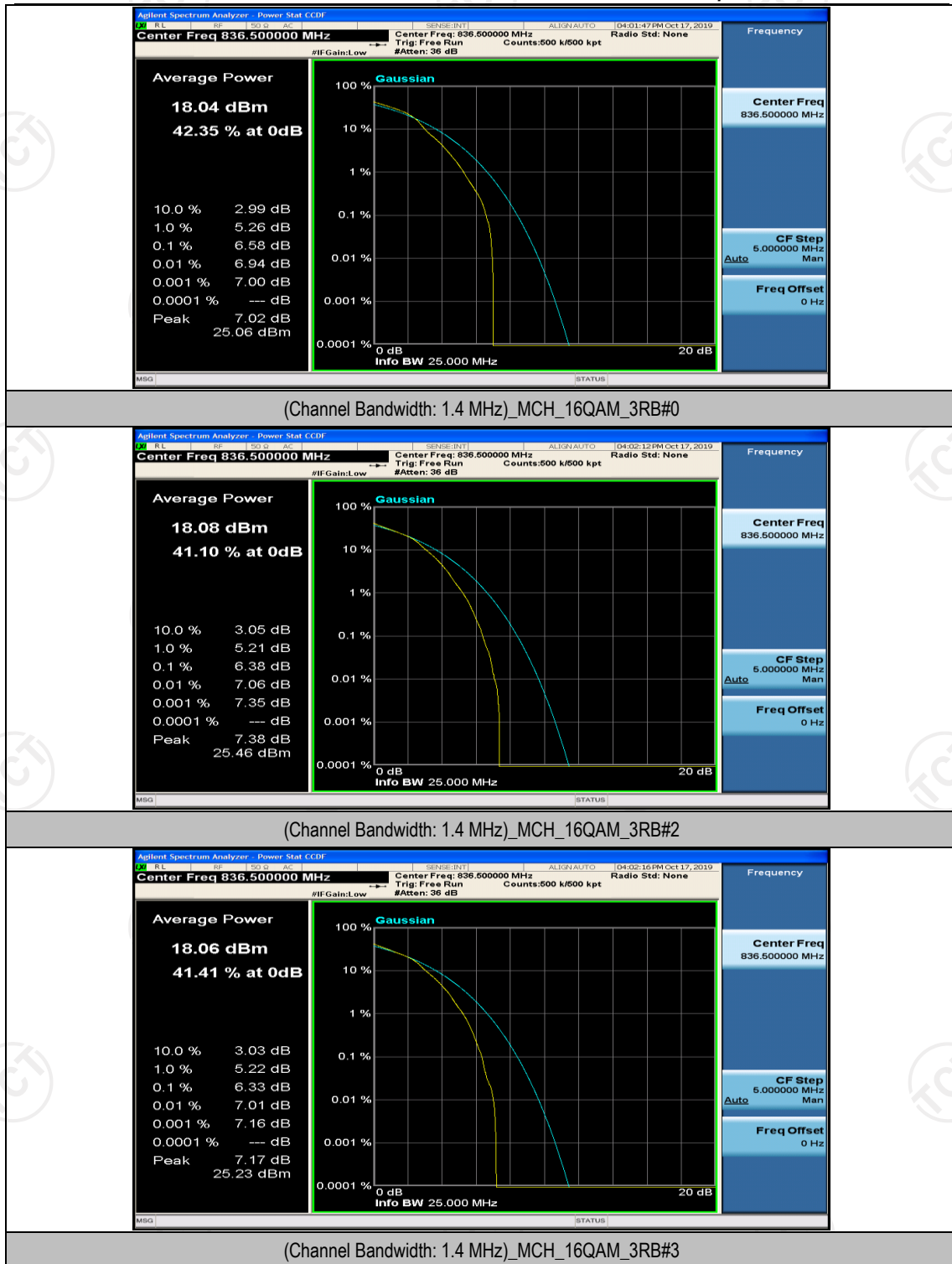
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

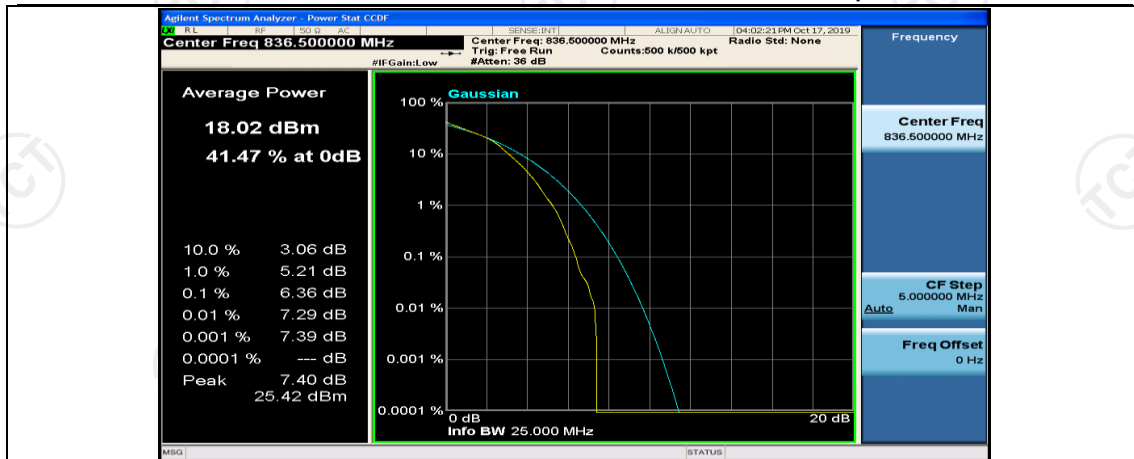


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

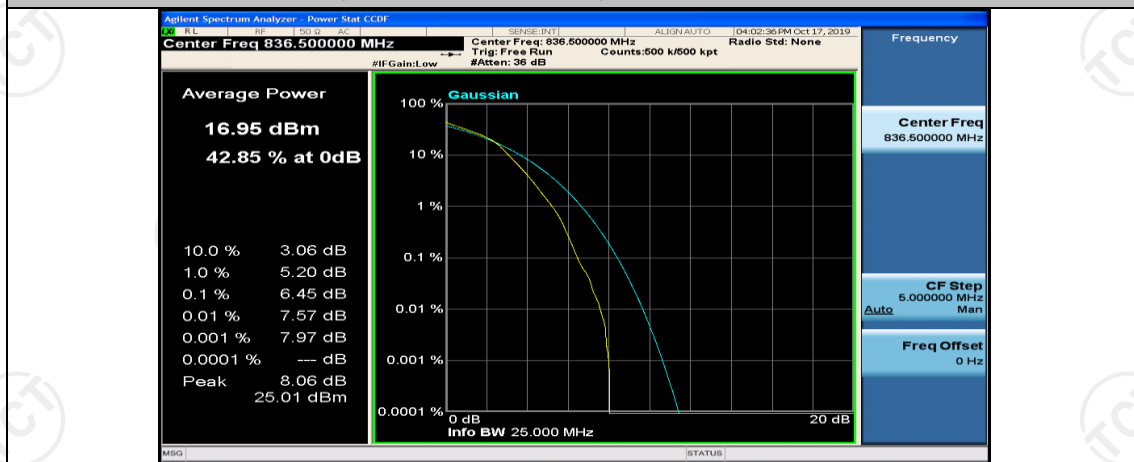


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5

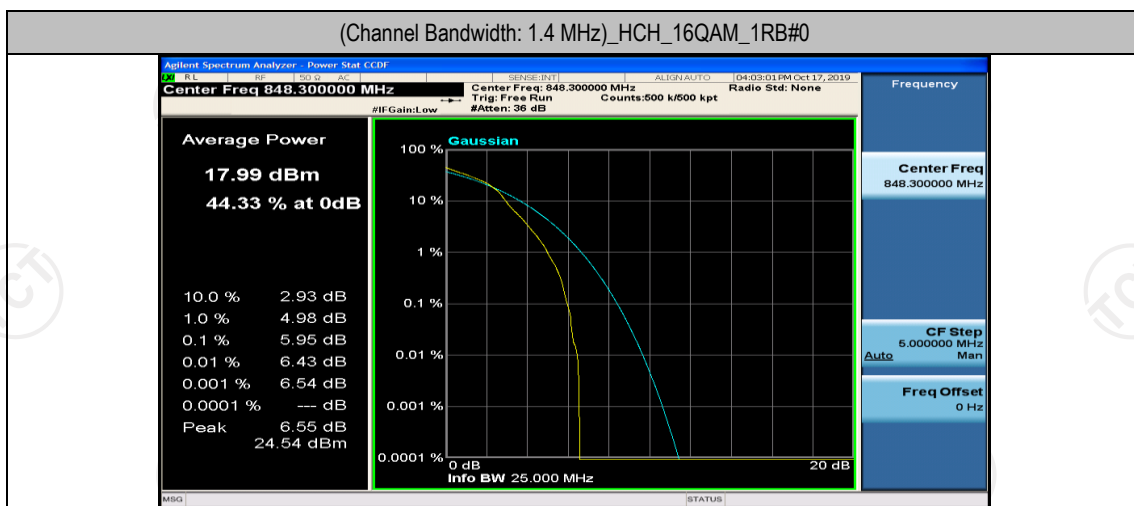




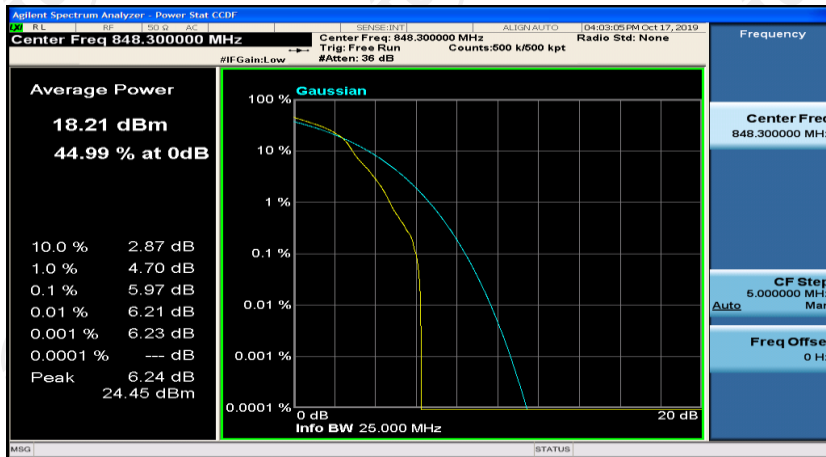
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



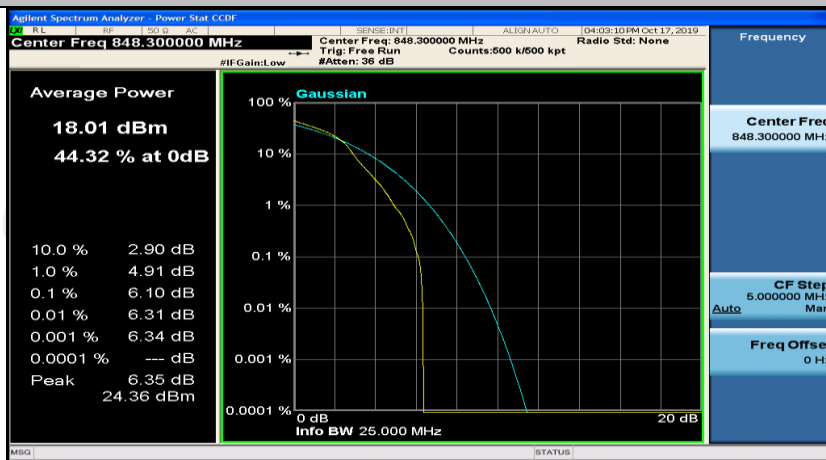
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



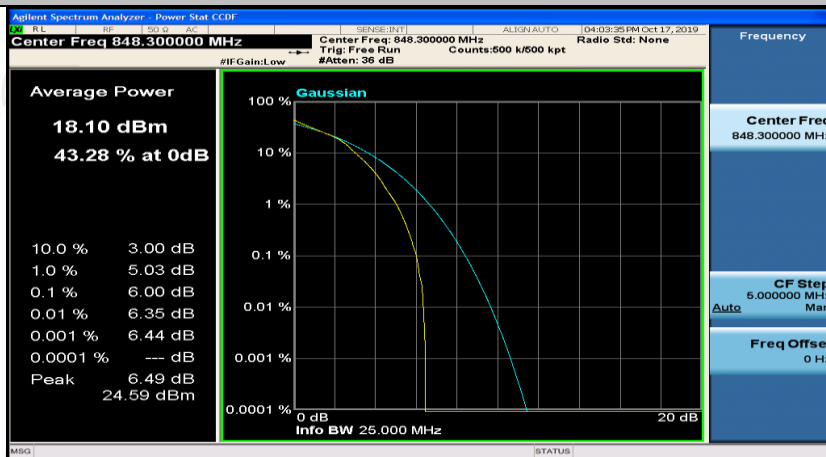
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



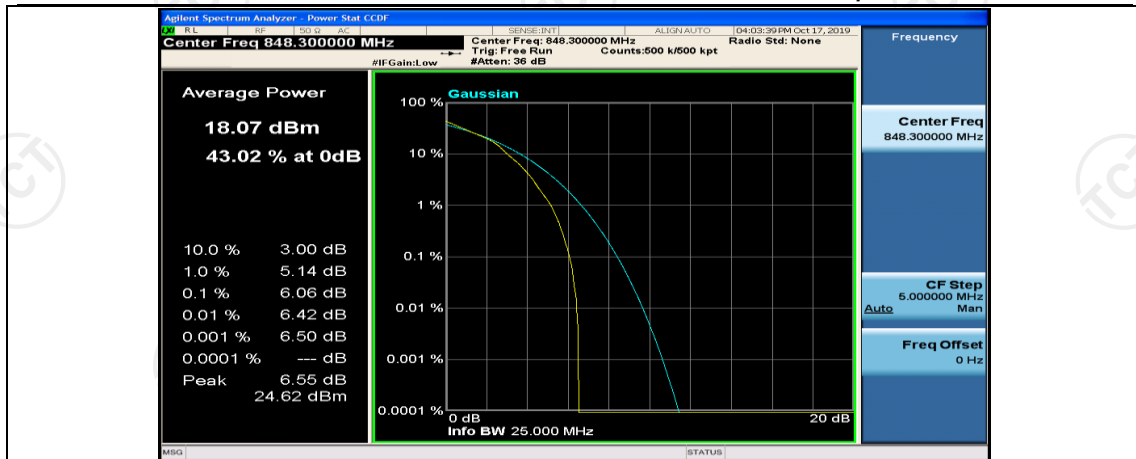
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



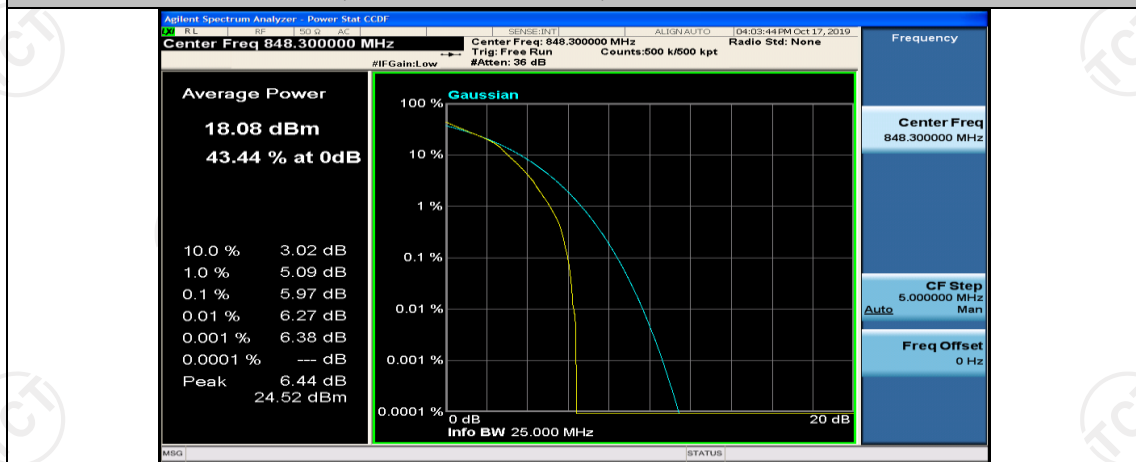
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



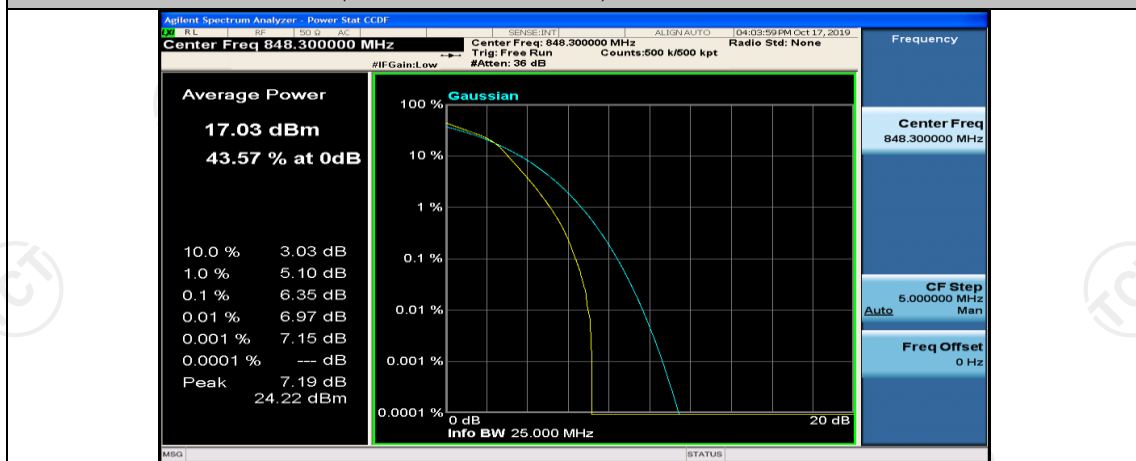
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

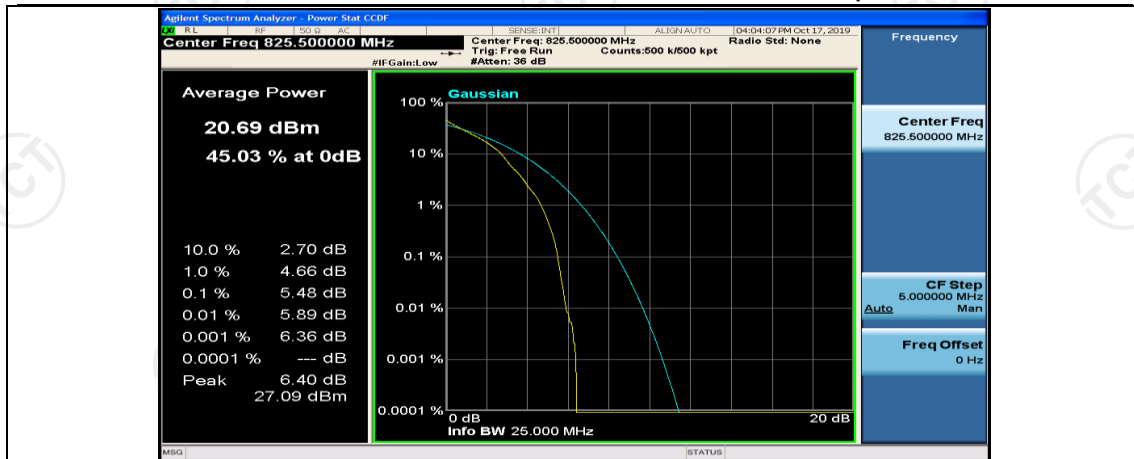


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

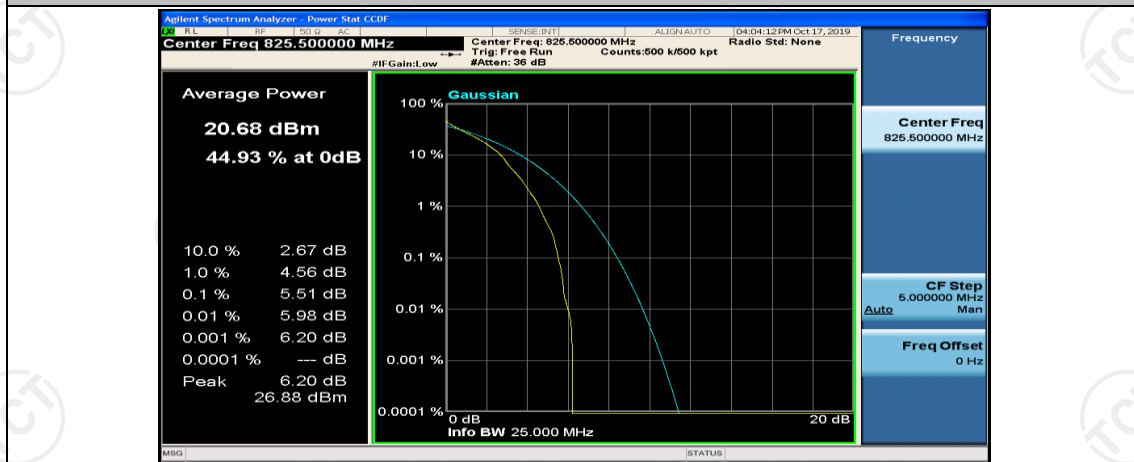


Channel Bandwidth: 3 MHz

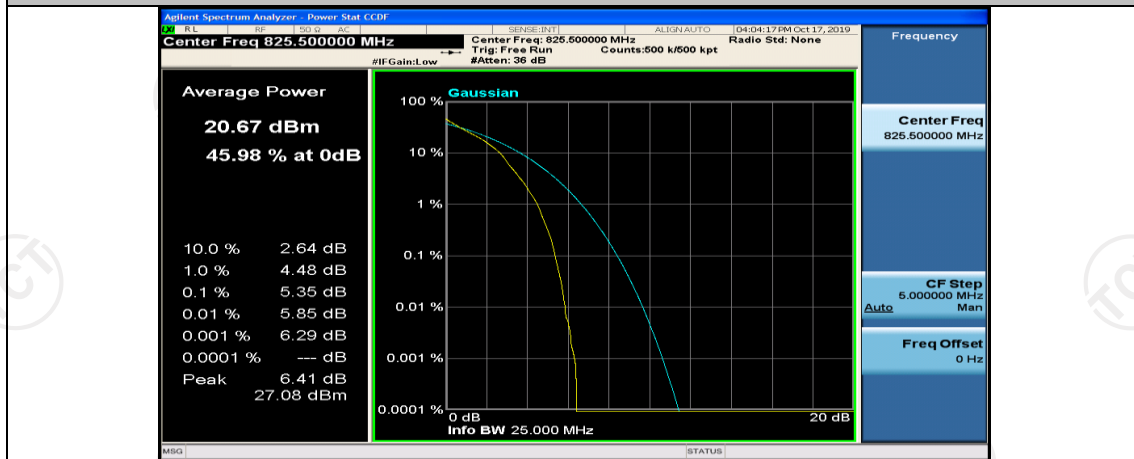
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



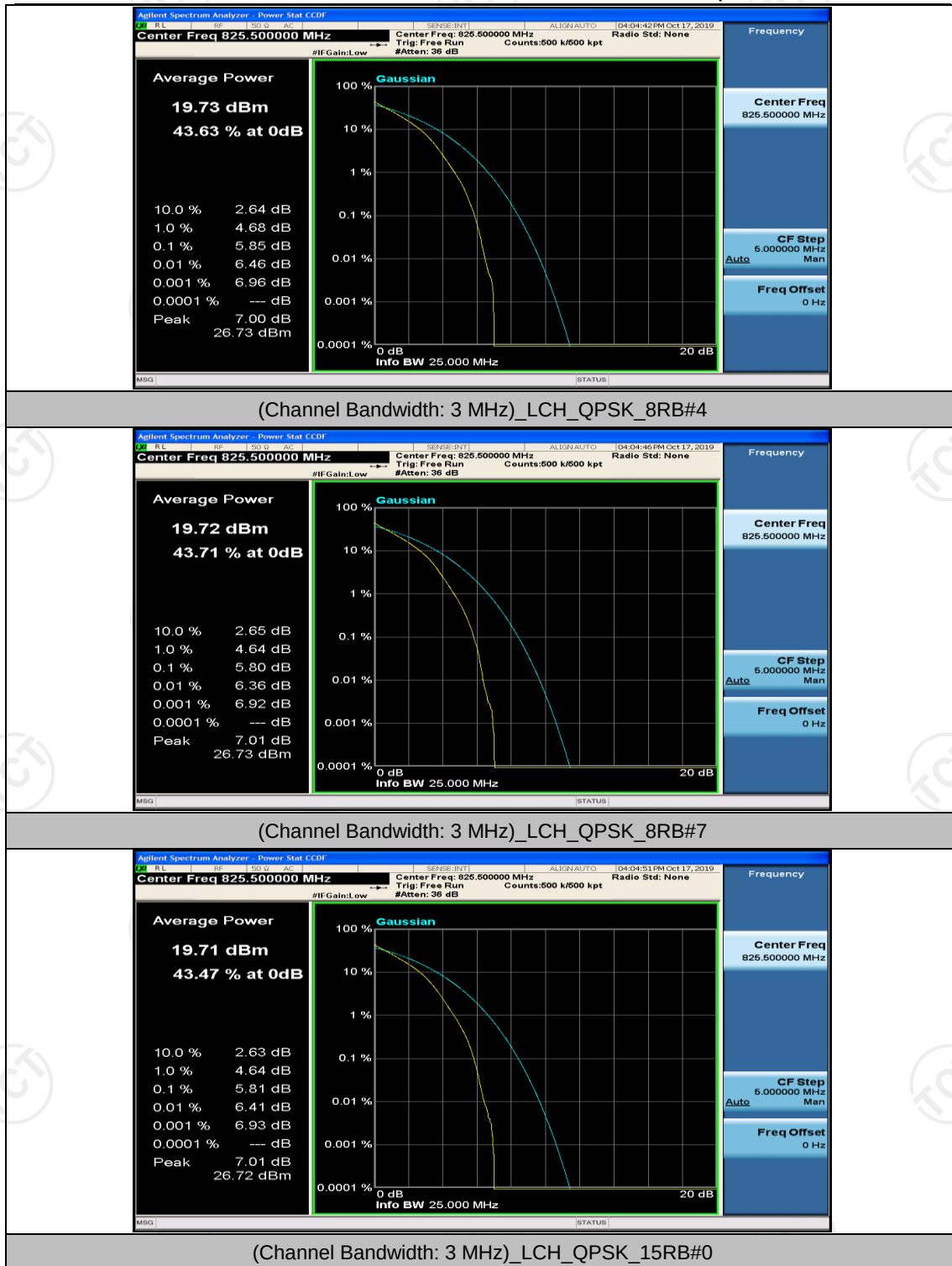
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7

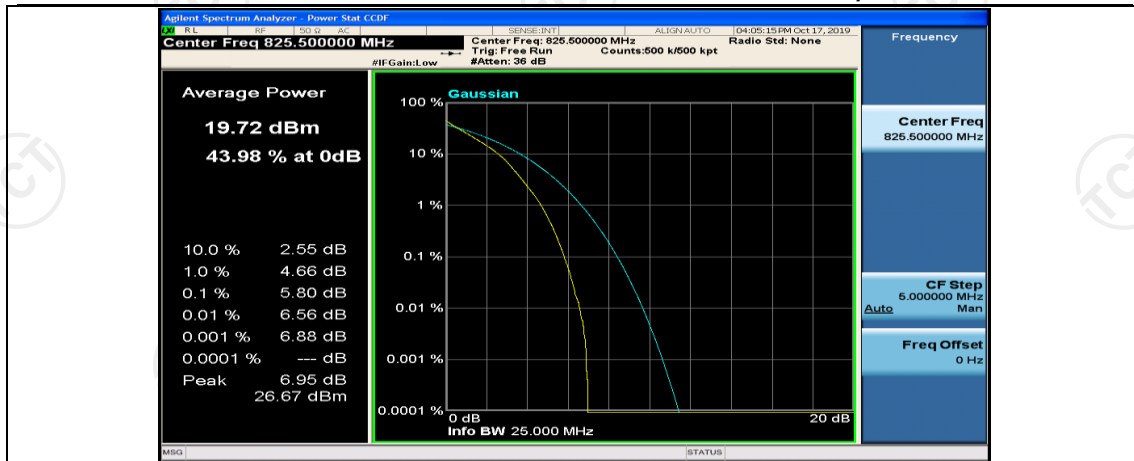


(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14

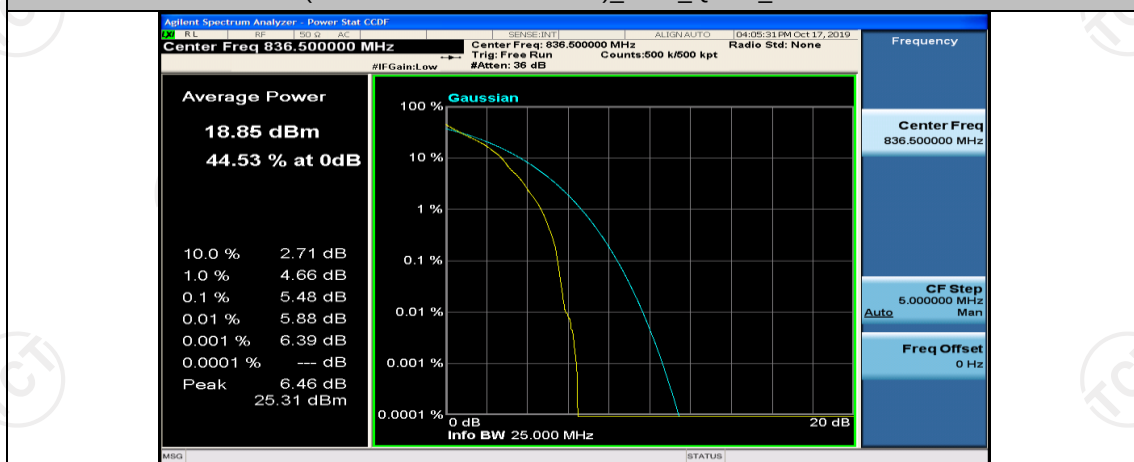


(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0

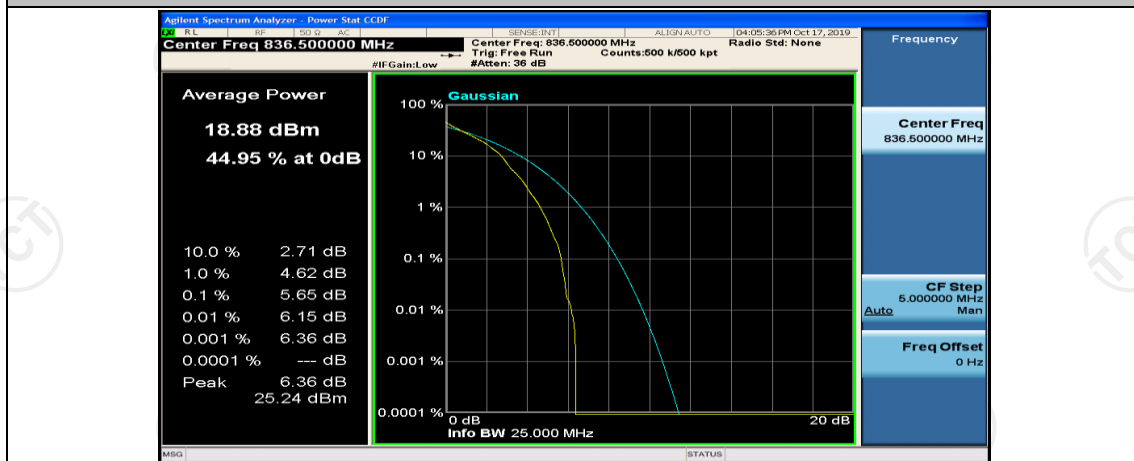




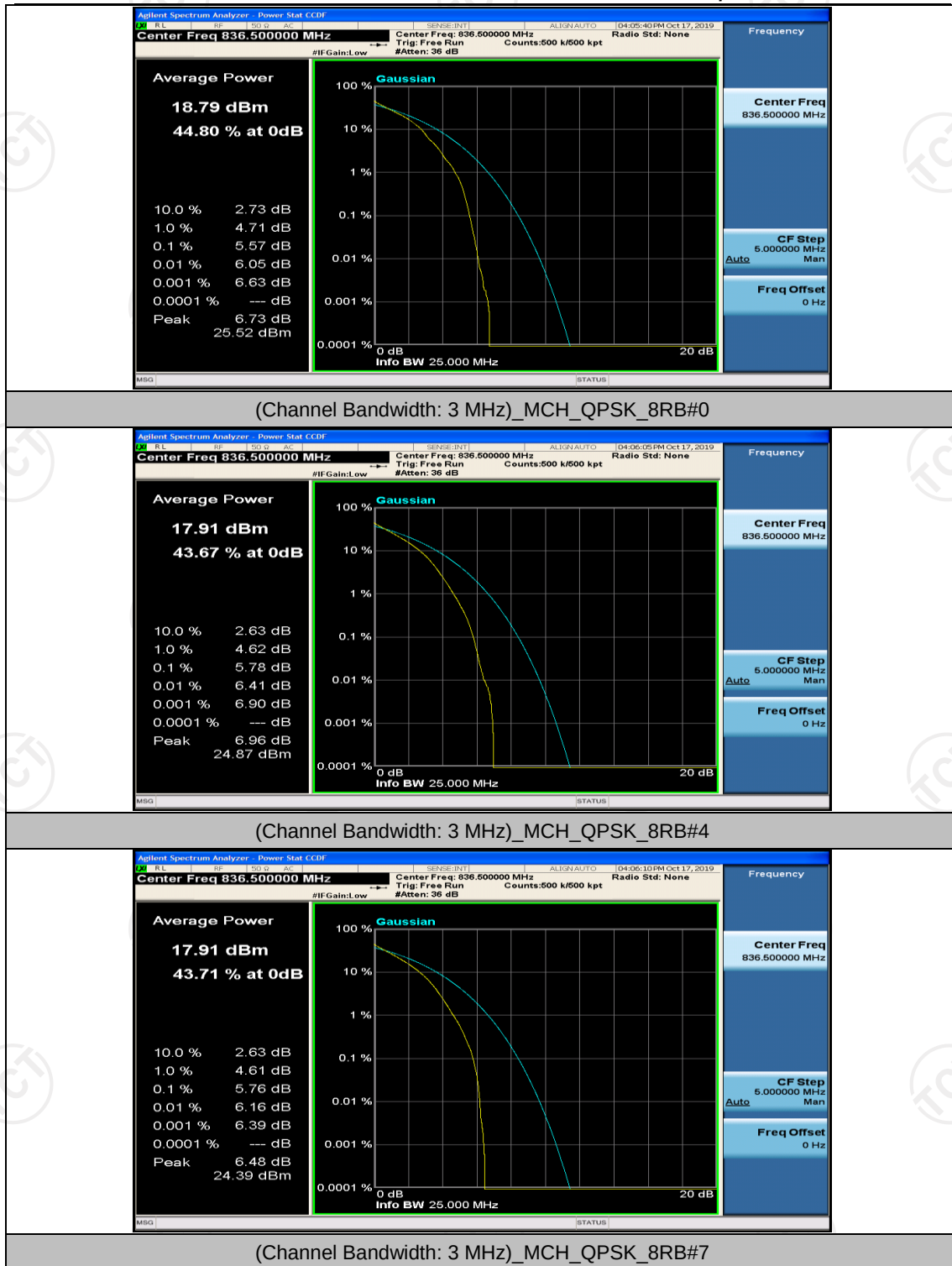
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

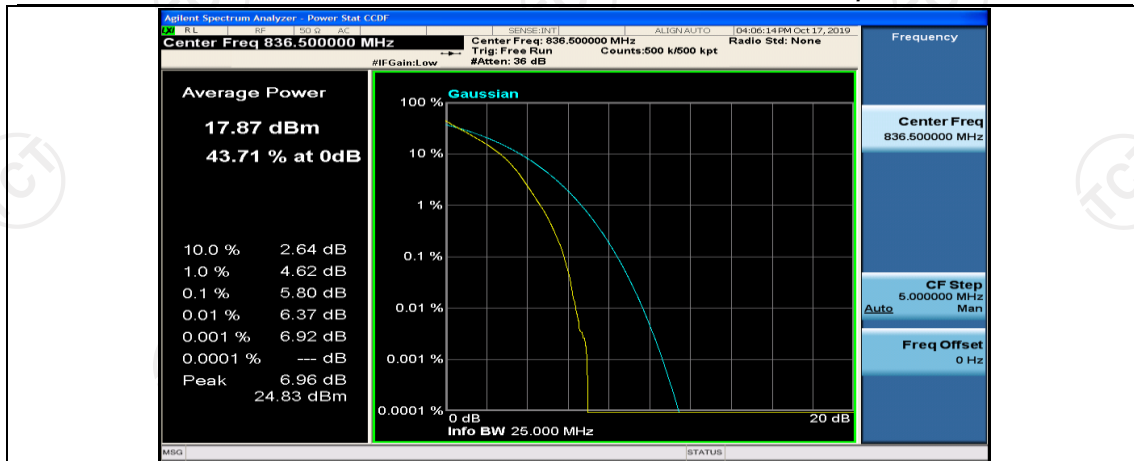


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

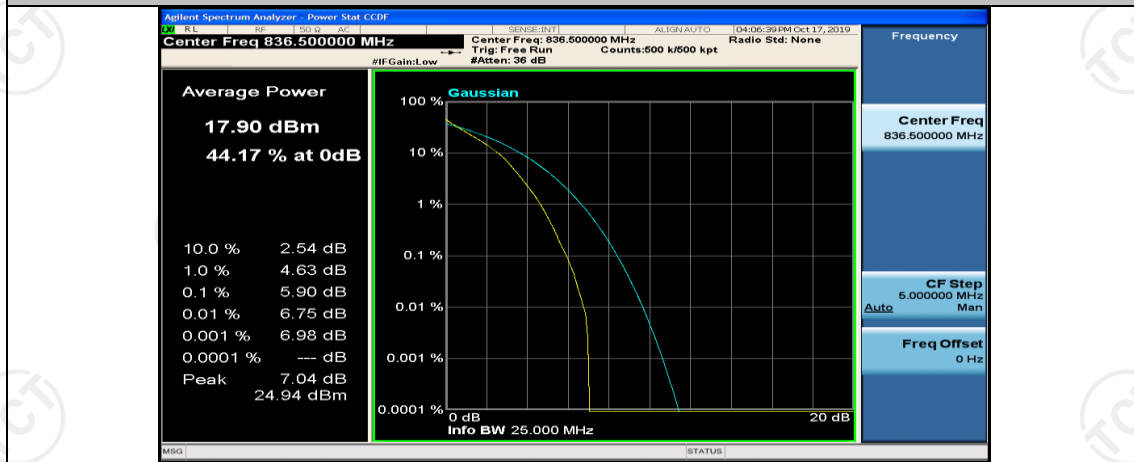


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

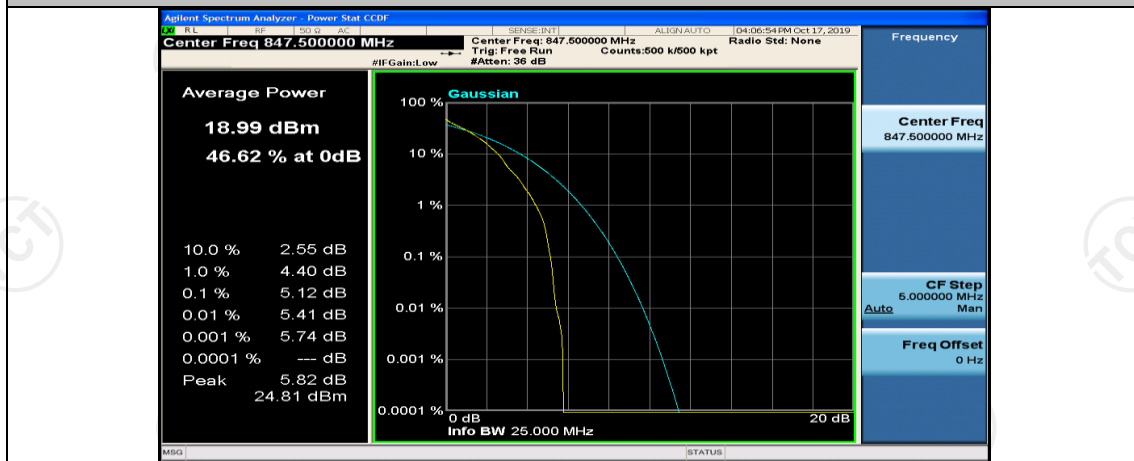




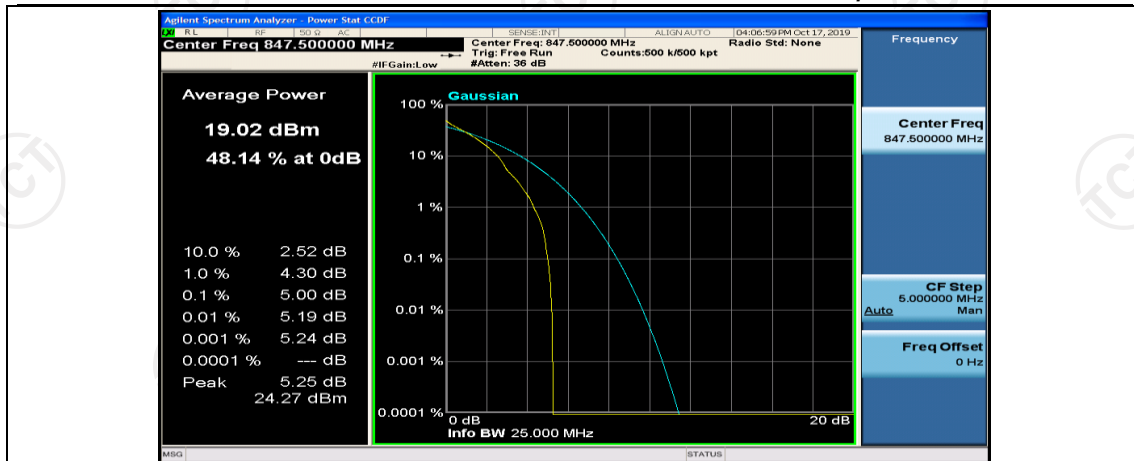
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



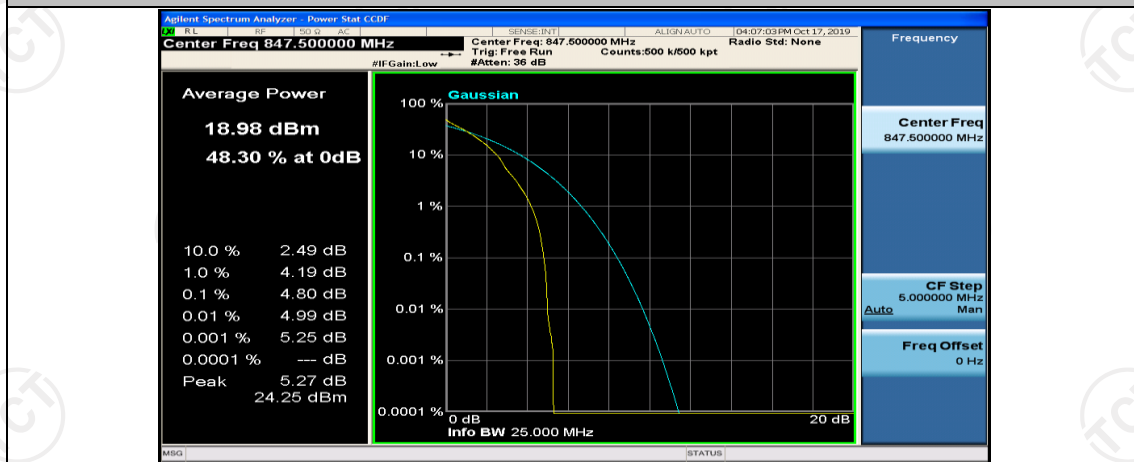
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



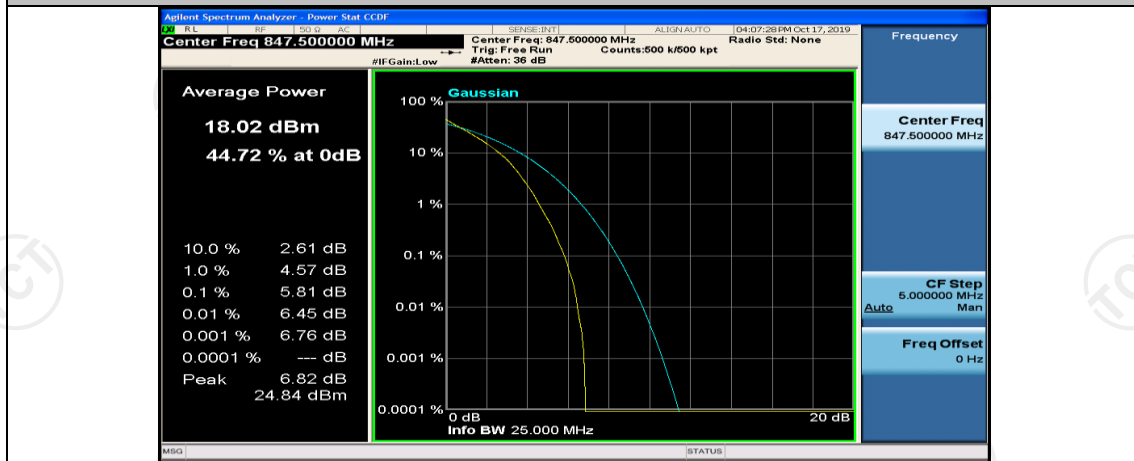
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



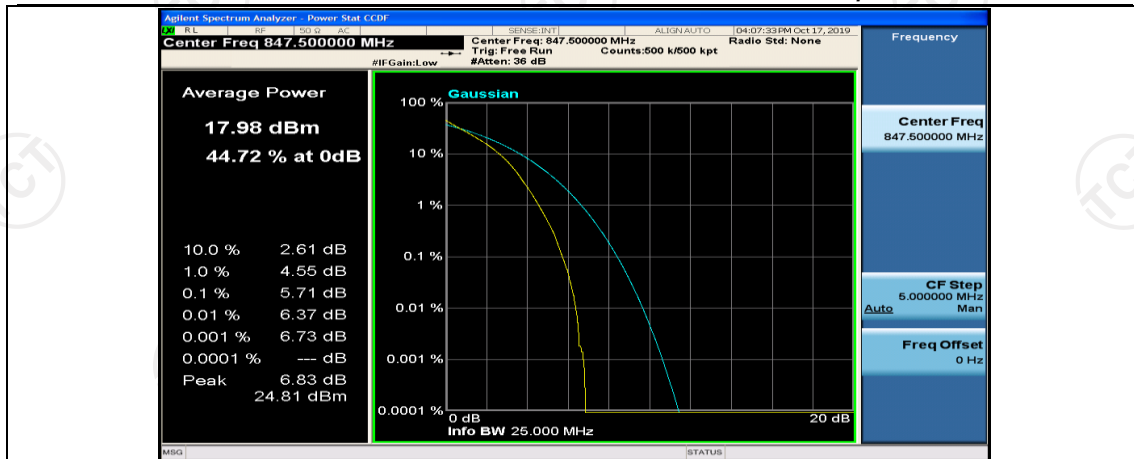
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



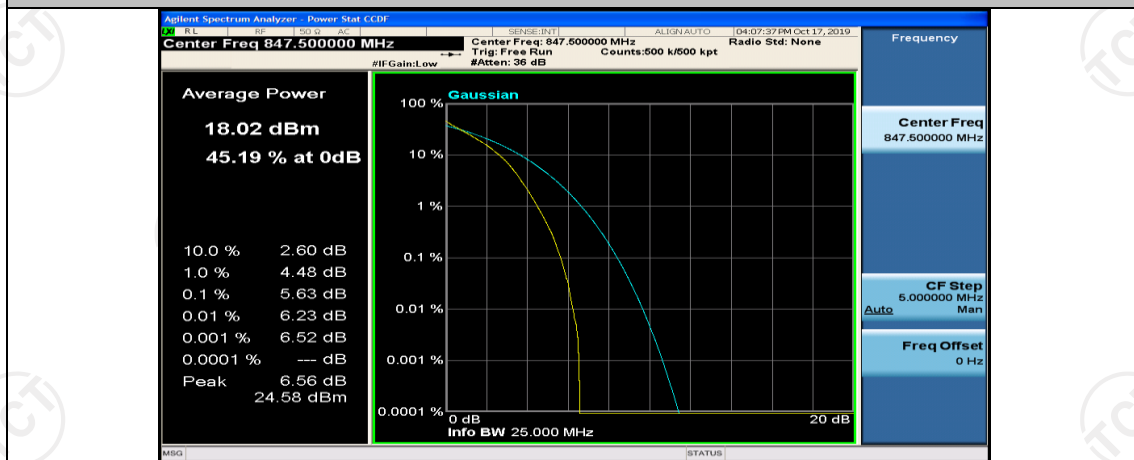
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



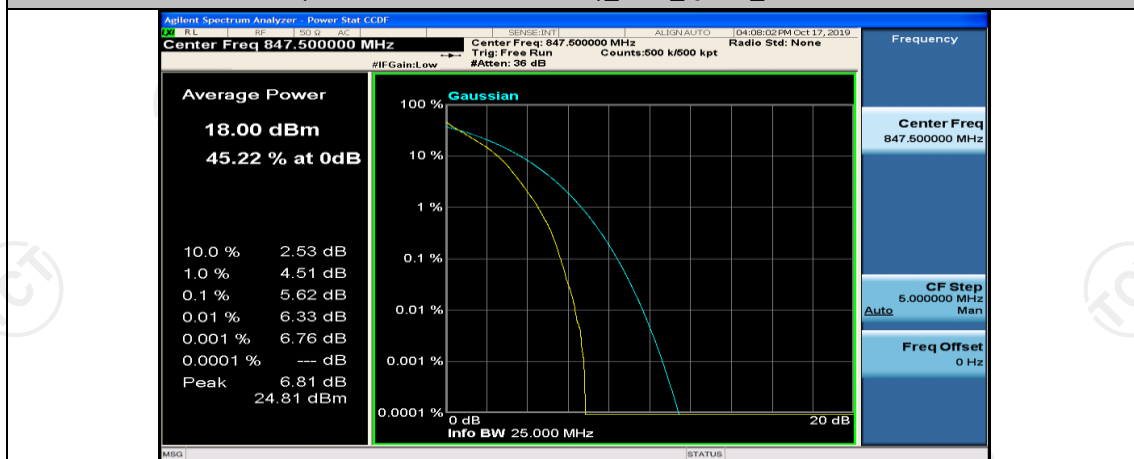
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4



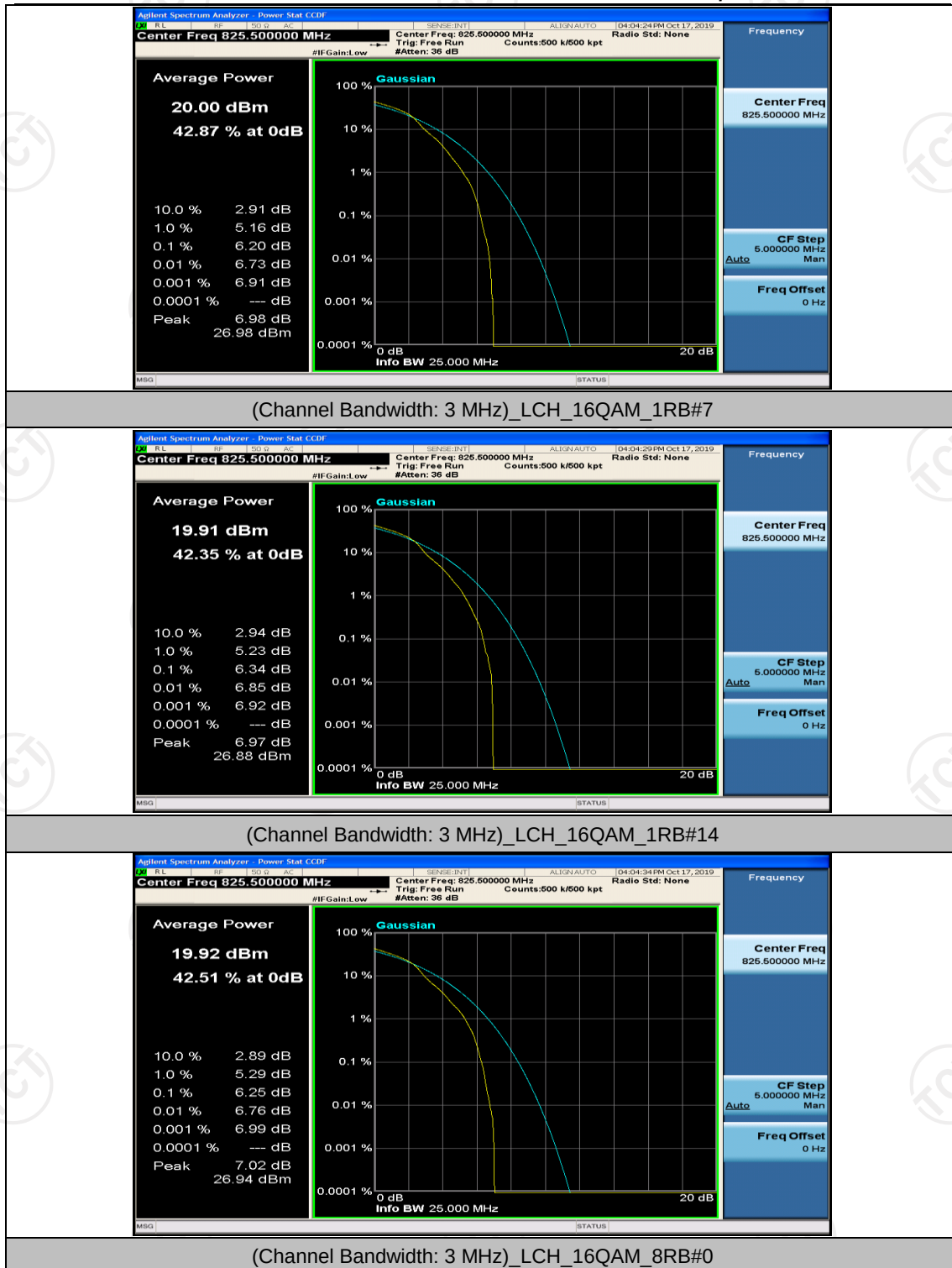
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7

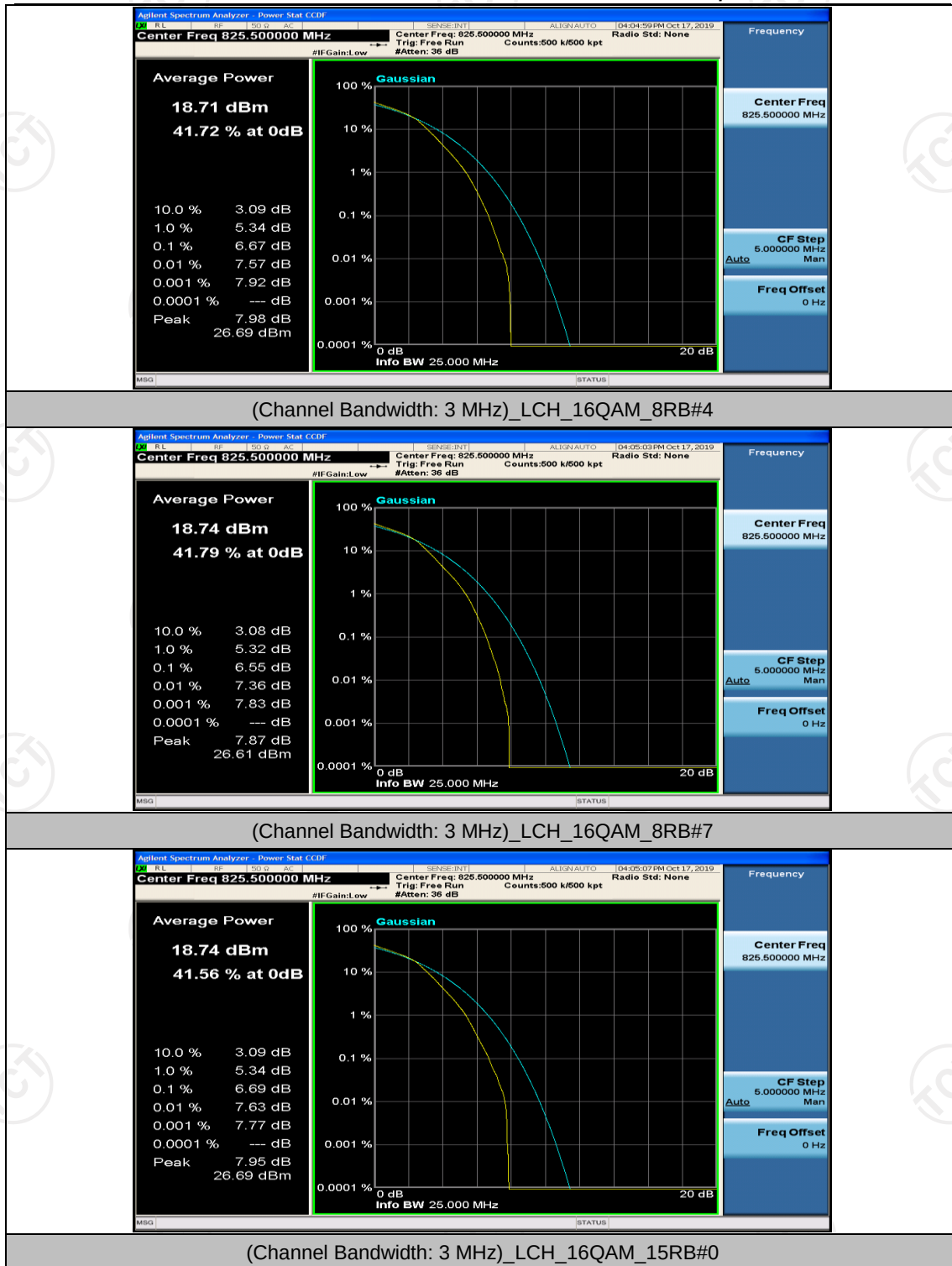


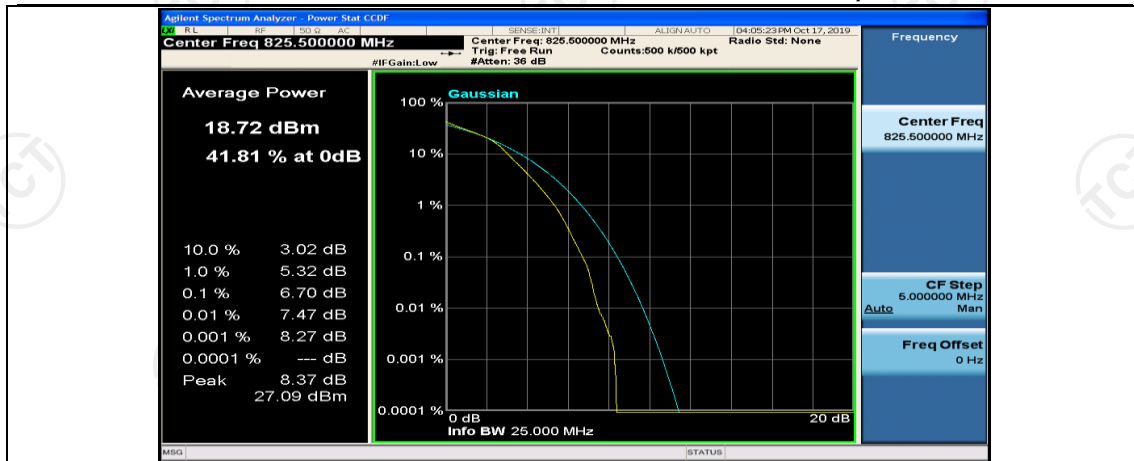
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



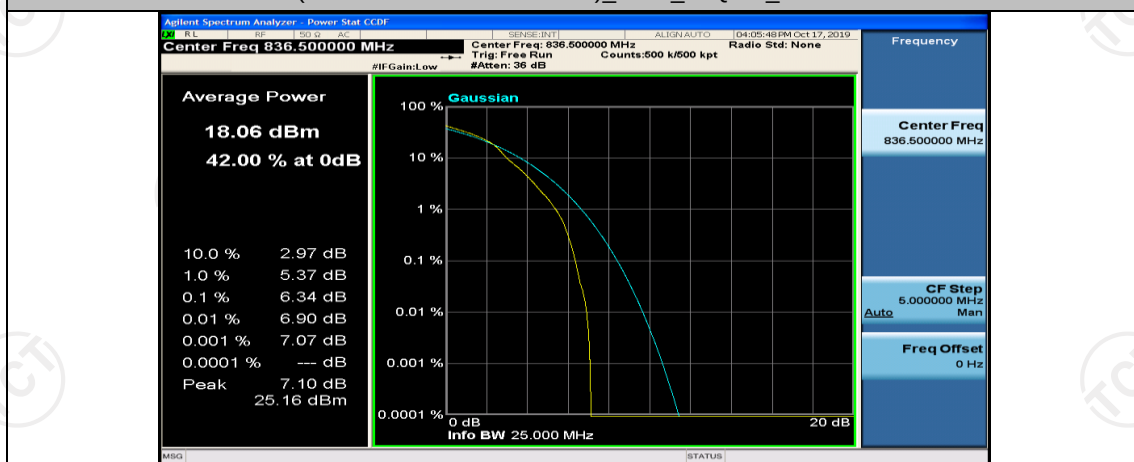
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



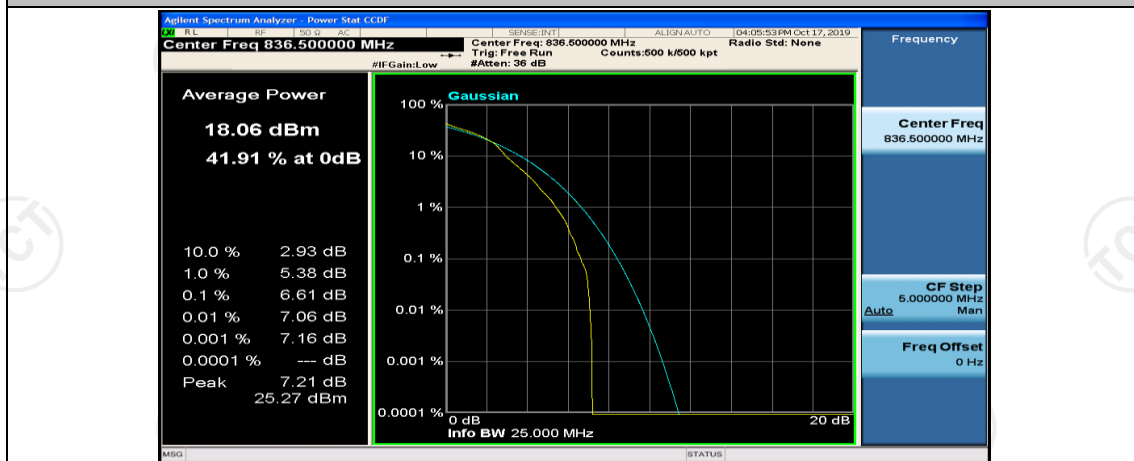




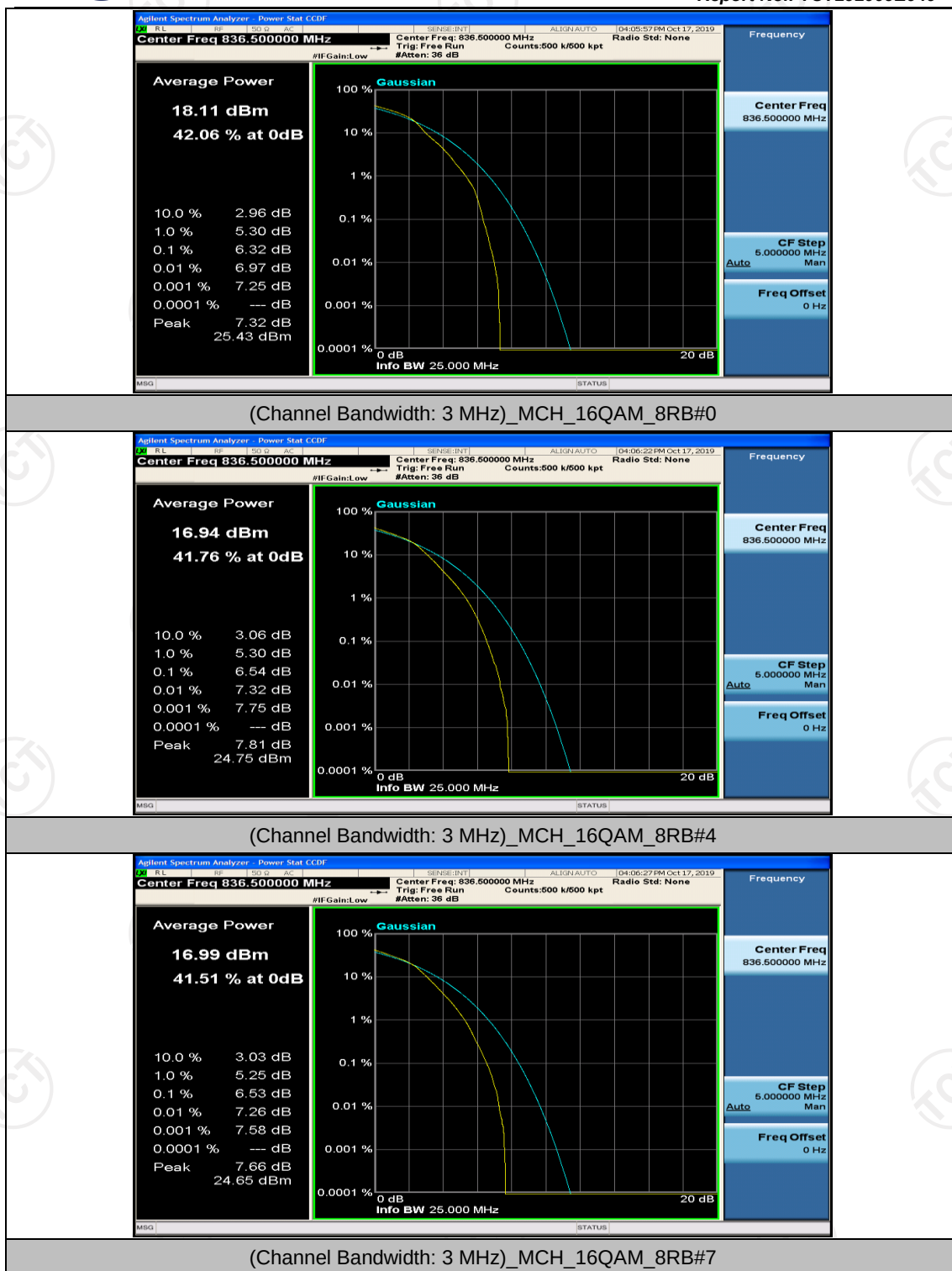
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

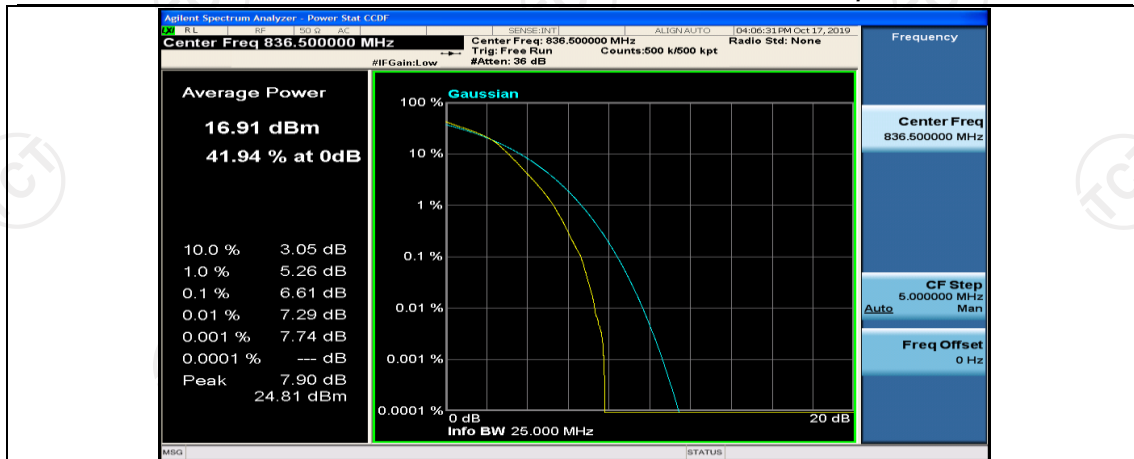


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

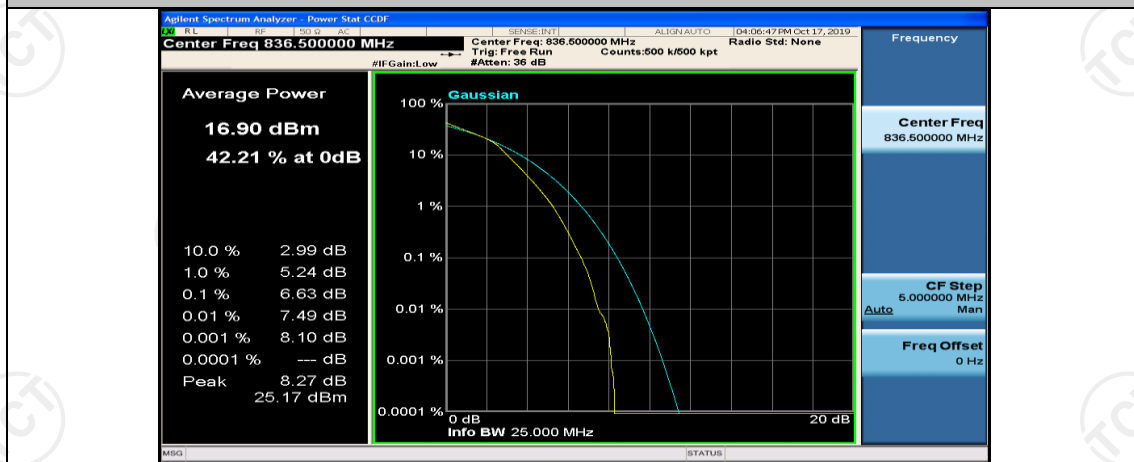


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

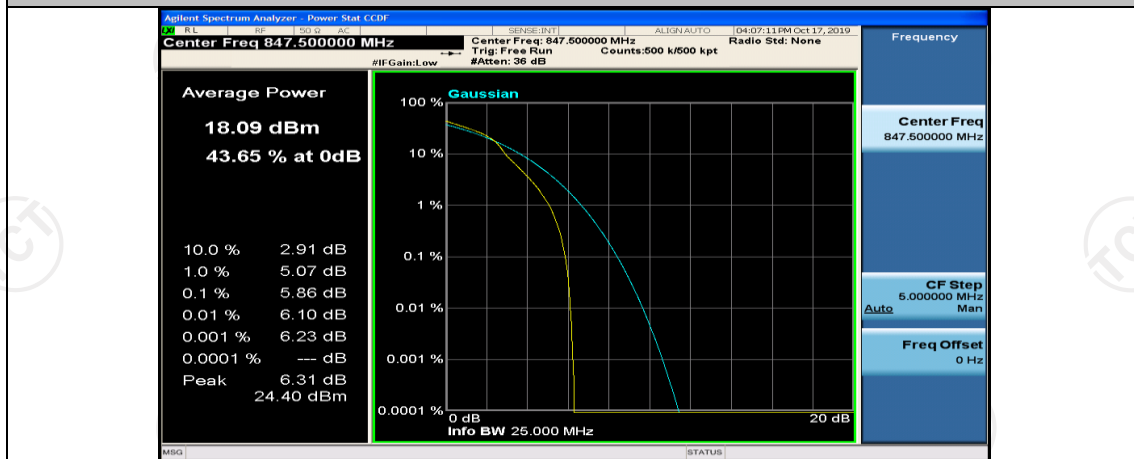




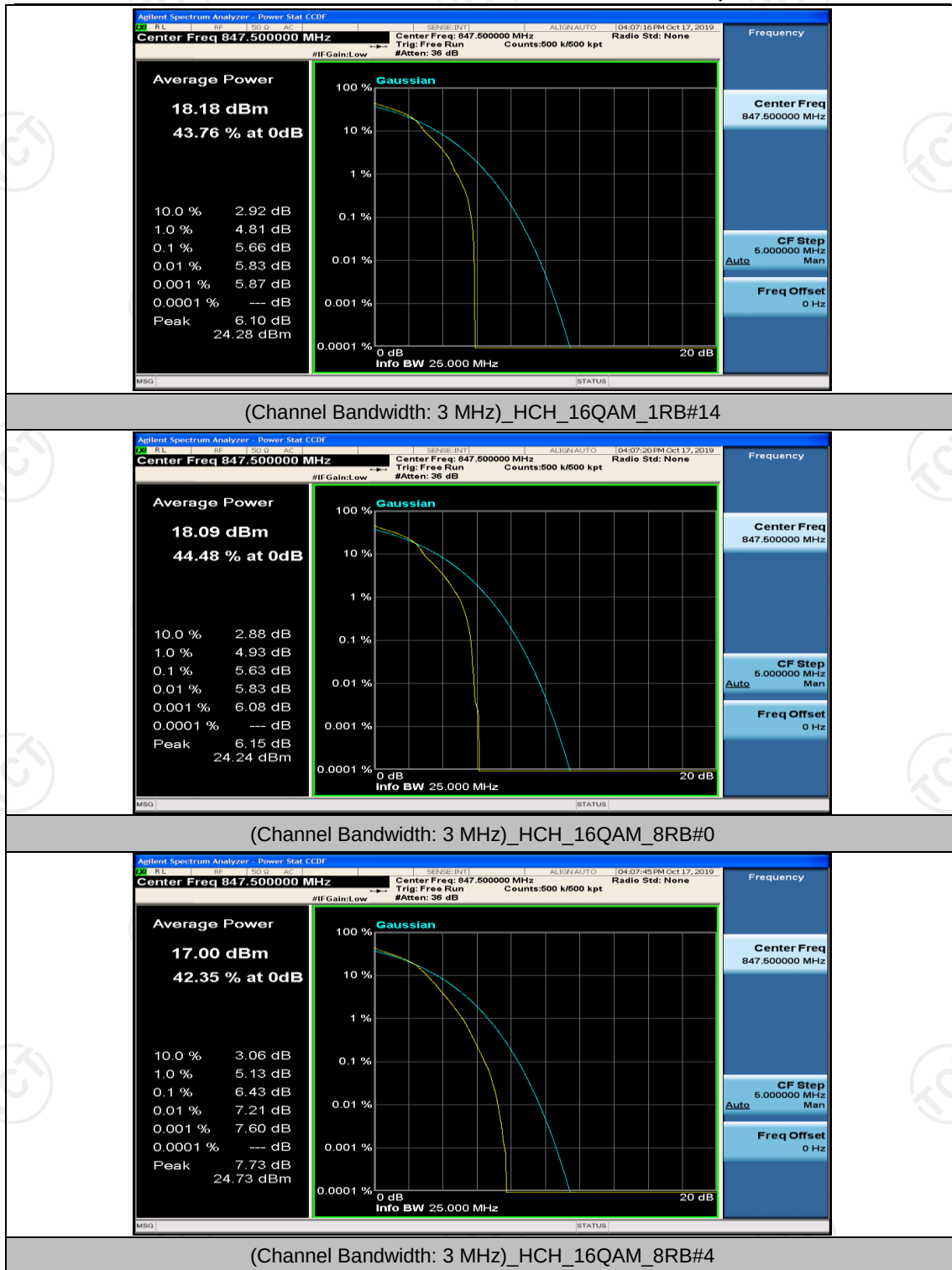
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0

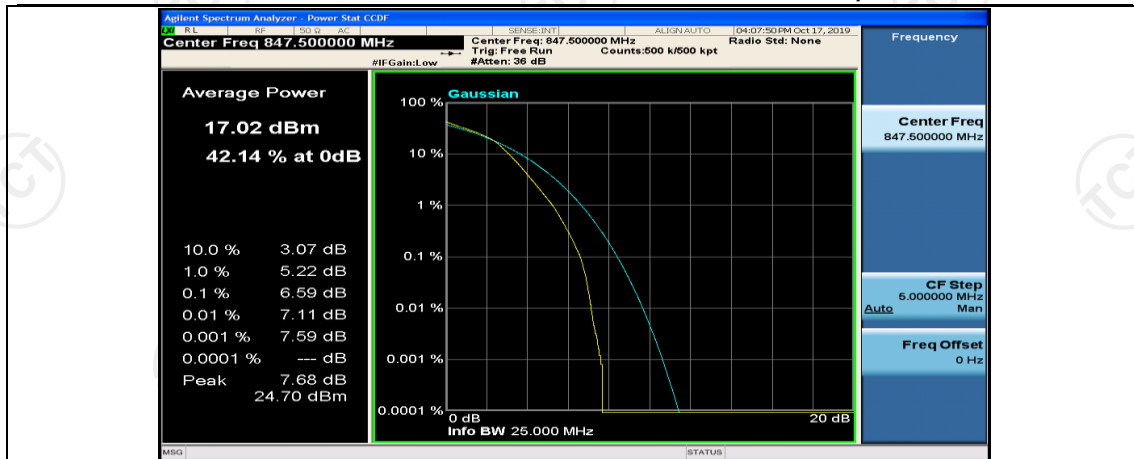


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0

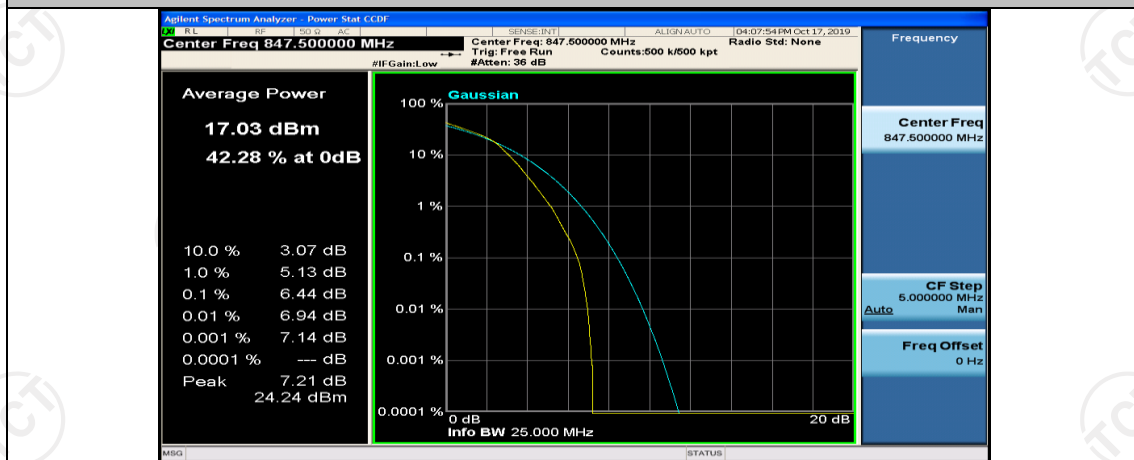


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7

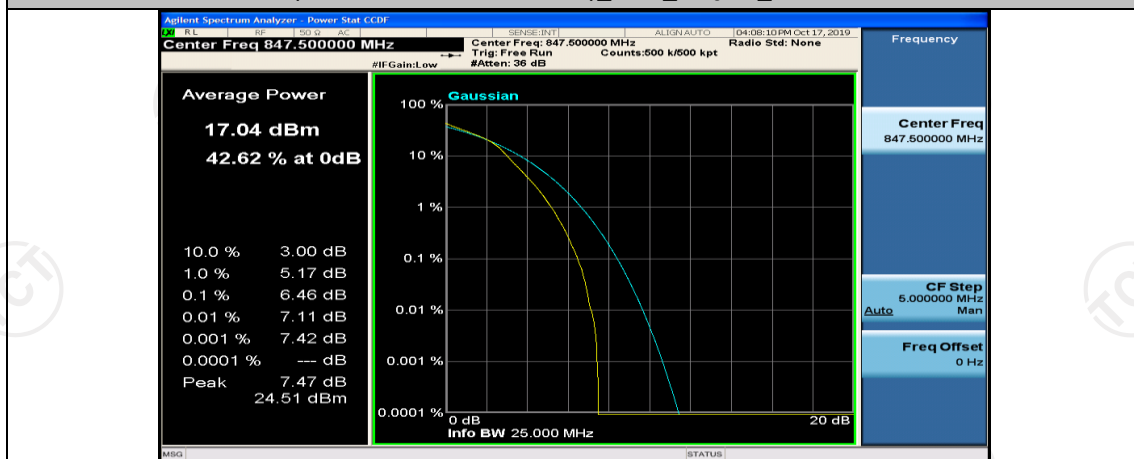




(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7



(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0



Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

