

C.2: Peak-to-Average Ratio

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.17	<13	PASS
		1	3	3.19	<13	PASS
		1	5	3.35	<13	PASS
		3	0	3.28	<13	PASS
		3	2	3.27	<13	PASS
		3	3	3.37	<13	PASS
		6	0	4.49	<13	PASS
	MCH	1	0	4.19	<13	PASS
		1	3	4.05	<13	PASS
		1	5	4.09	<13	PASS
		3	0	4.31	<13	PASS
		3	2	4.23	<13	PASS
		3	3	4.25	<13	PASS
		6	0	5.17	<13	PASS
	HCH	1	0	4.9	<13	PASS
		1	3	4.7	<13	PASS
		1	5	4.73	<13	PASS
		3	0	4.92	<13	PASS
		3	2	4.8	<13	PASS
		3	3	4.8	<13	PASS
		6	0	5.71	<13	PASS
16QAM	LCH	1	0	4.12	<13	PASS
		1	3	4.15	<13	PASS
		1	5	4.3	<13	PASS
		3	0	4.22	<13	PASS
		3	2	4.27	<13	PASS
		3	3	4.34	<13	PASS
		6	0	5.25	<13	PASS
	MCH	1	0	5.12	<13	PASS
		1	3	4.99	<13	PASS
		1	5	5.01	<13	PASS
		3	0	5.24	<13	PASS
		3	2	5.16	<13	PASS
		3	3	5.2	<13	PASS
		6	0	5.97	<13	PASS
	HCH	1	0	5.75	<13	PASS
		1	3	5.61	<13	PASS
		1	5	5.63	<13	PASS
		3	0	5.65	<13	PASS

		3	2	5.55	<13	PASS
		3	3	5.53	<13	PASS
		6	0	6.52	<13	PASS

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.18	<13	PASS
		1	7	3.45	<13	PASS
		1	14	3.98	<13	PASS
		8	0	4.38	<13	PASS
		8	4	4.46	<13	PASS
		8	7	4.74	<13	PASS
		15	0	4.99	<13	PASS
	MCH	1	0	4.52	<13	PASS
		1	7	4.2	<13	PASS
		1	14	4.12	<13	PASS
		8	0	5.22	<13	PASS
		8	4	5.05	<13	PASS
		8	7	5.09	<13	PASS
		15	0	5.39	<13	PASS
	HCH	1	0	4.69	<13	PASS
		1	7	4.76	<13	PASS
		1	14	4.7	<13	PASS
		8	0	5.72	<13	PASS
		8	4	5.74	<13	PASS
		8	7	5.76	<13	PASS
		15	0	5.88	<13	PASS
16QAM	LCH	1	0	4.11	<13	PASS
		1	7	4.32	<13	PASS
		1	14	4.81	<13	PASS
		8	0	5.09	<13	PASS
		8	4	5.21	<13	PASS
		8	7	5.45	<13	PASS
		15	0	5.77	<13	PASS
	MCH	1	0	5.35	<13	PASS
		1	7	5.06	<13	PASS
		1	14	4.97	<13	PASS
		8	0	5.9	<13	PASS
		8	4	5.72	<13	PASS
		8	7	5.74	<13	PASS
		15	0	6.19	<13	PASS
	HCH	1	0	5.58	<13	PASS
		1	7	5.49	<13	PASS

		1	14	5.49	<13	PASS
		8	0	6.37	<13	PASS
		8	4	6.46	<13	PASS
		8	7	6.37	<13	PASS
		15	0	6.62	<13	PASS

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.04	<13	PASS
		1	12	3.7	<13	PASS
		1	24	4.68	<13	PASS
		12	0	4.44	<13	PASS
		12	6	4.75	<13	PASS
		12	13	5.41	<13	PASS
		25	0	5.33	<13	PASS
	MCH	1	0	4.64	<13	PASS
		1	12	4.09	<13	PASS
		1	24	4.05	<13	PASS
		12	0	5.3	<13	PASS
		12	6	5.05	<13	PASS
		12	13	5.08	<13	PASS
		25	0	5.47	<13	PASS
	HCH	1	0	4.82	<13	PASS
		1	12	4.77	<13	PASS
		1	24	4.71	<13	PASS
		12	0	5.69	<13	PASS
		12	6	5.67	<13	PASS
		12	13	5.79	<13	PASS
		25	0	5.88	<13	PASS
16QAM	LCH	1	0	4.05	<13	PASS
		1	12	4.55	<13	PASS
		1	24	5.51	<13	PASS
		12	0	5.27	<13	PASS
		12	6	5.59	<13	PASS
		12	13	6.14	<13	PASS
		25	0	6	<13	PASS
	MCH	1	0	5.53	<13	PASS
		1	12	4.96	<13	PASS
		1	24	4.93	<13	PASS
		12	0	6.09	<13	PASS
		12	6	5.86	<13	PASS
		12	13	5.83	<13	PASS
		25	0	6.22	<13	PASS

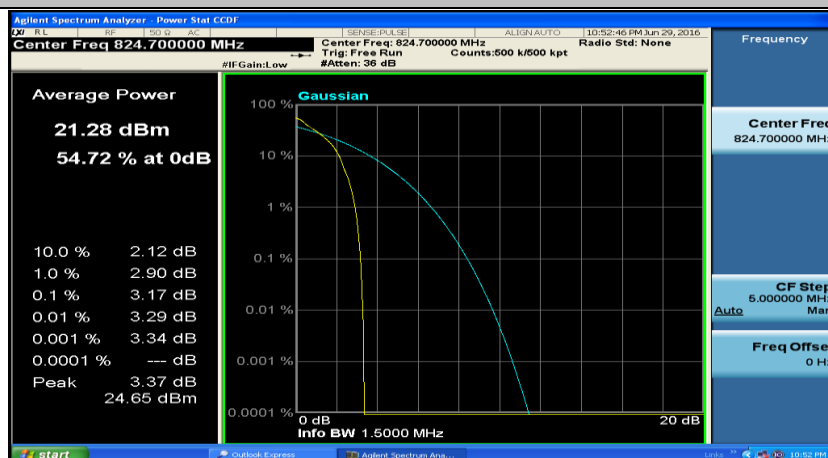
	HCH	1	0	5.46	<13	PASS
		1	12	5.4	<13	PASS
		1	24	5.39	<13	PASS
		12	0	6.49	<13	PASS
		12	6	6.6	<13	PASS
		12	13	6.69	<13	PASS
		25	0	6.65	<13	PASS

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.21	<13	PASS
		1	24	4.91	<13	PASS
		1	49	5.05	<13	PASS
		25	0	5.24	<13	PASS
		25	12	5.95	<13	PASS
		25	25	6.12	<13	PASS
		50	0	5.83	<13	PASS
	MCH	1	0	5.31	<13	PASS
		1	24	4.18	<13	PASS
		1	49	4.61	<13	PASS
		25	0	5.6	<13	PASS
		25	12	5.32	<13	PASS
		25	25	5.43	<13	PASS
		50	0	5.64	<13	PASS
	HCH	1	0	4.24	<13	PASS
		1	24	4.73	<13	PASS
		1	49	4.58	<13	PASS
		25	0	5.69	<13	PASS
		25	12	5.76	<13	PASS
		25	25	5.81	<13	PASS
		50	0	5.73	<13	PASS
16QAM	LCH	1	0	4.12	<13	PASS
		1	24	5.68	<13	PASS
		1	49	5.79	<13	PASS
		25	0	5.95	<13	PASS
		25	12	6.72	<13	PASS
		25	25	6.9	<13	PASS
		50	0	6.56	<13	PASS
	MCH	1	0	6.14	<13	PASS
		1	24	5.11	<13	PASS
		1	49	5.4	<13	PASS
		25	0	6.45	<13	PASS
		25	12	6.1	<13	PASS

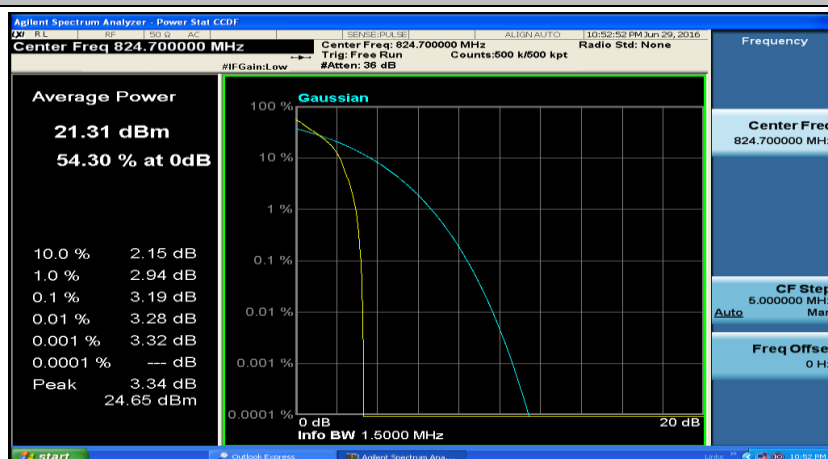
		25	25	6.14	<13	PASS
		50	0	6.33	<13	PASS
	HCH	1	0	5.03	<13	PASS
		1	24	5.62	<13	PASS
		1	49	5.45	<13	PASS
		25	0	6.47	<13	PASS
		25	12	6.54	<13	PASS
		25	25	6.59	<13	PASS
		50	0	6.44	<13	PASS

Test Graphs

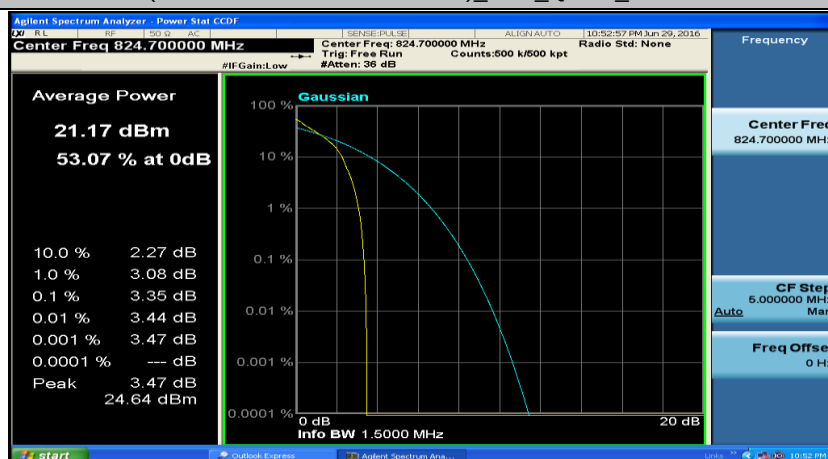
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



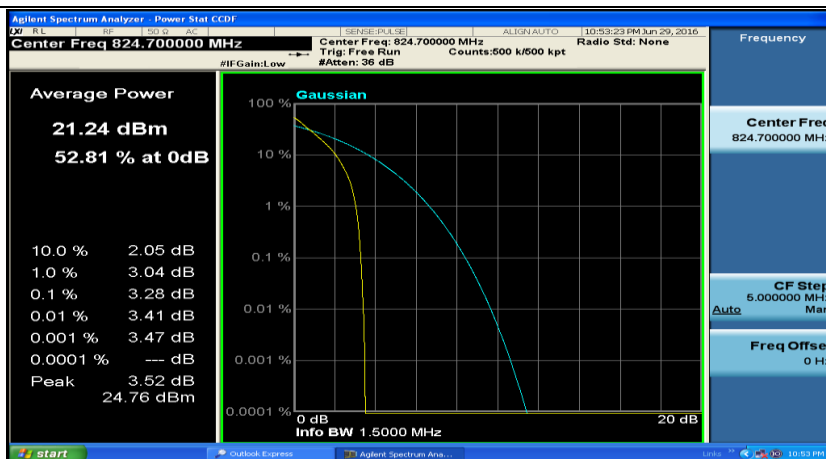
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3

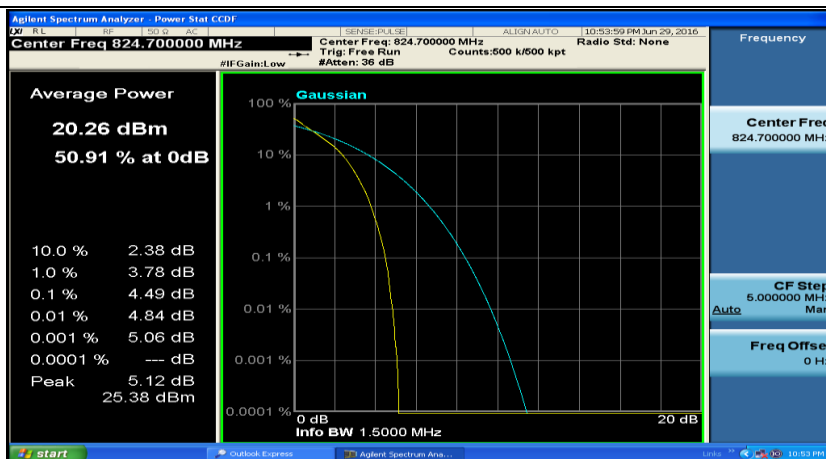


(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5

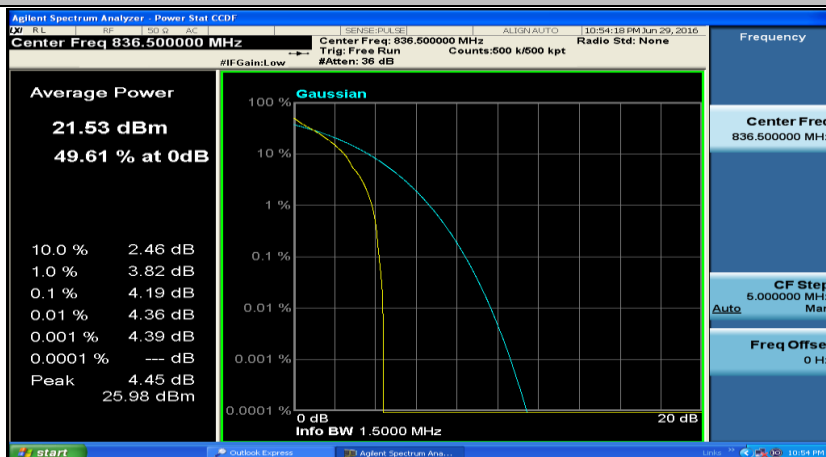


(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0





(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



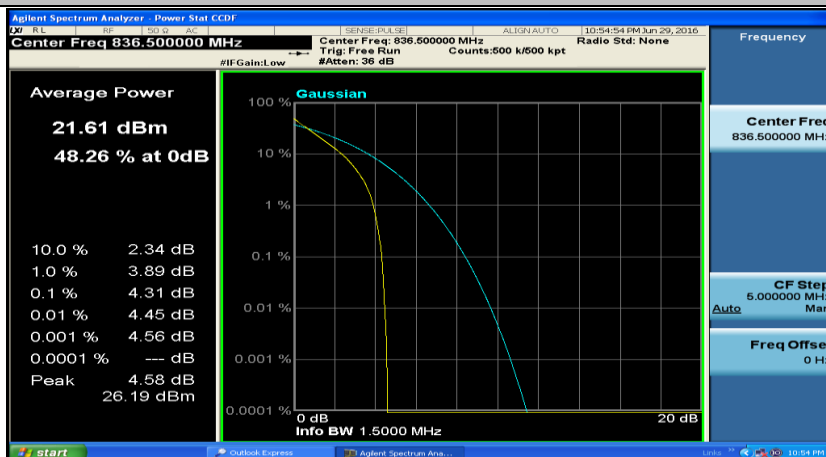
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



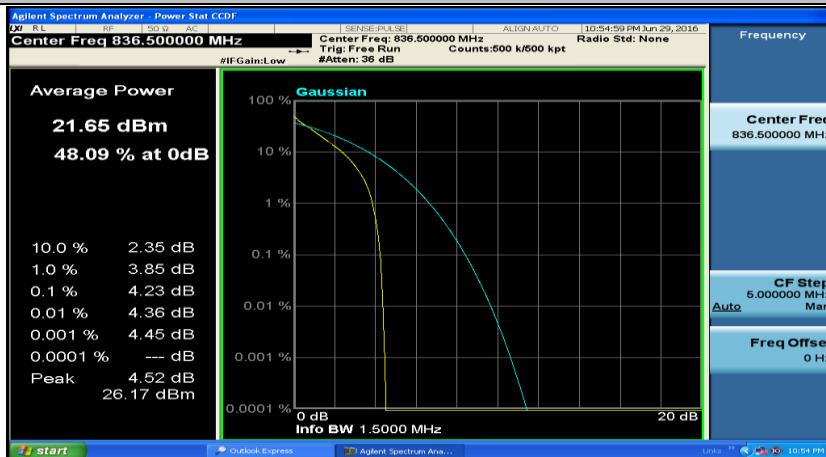
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



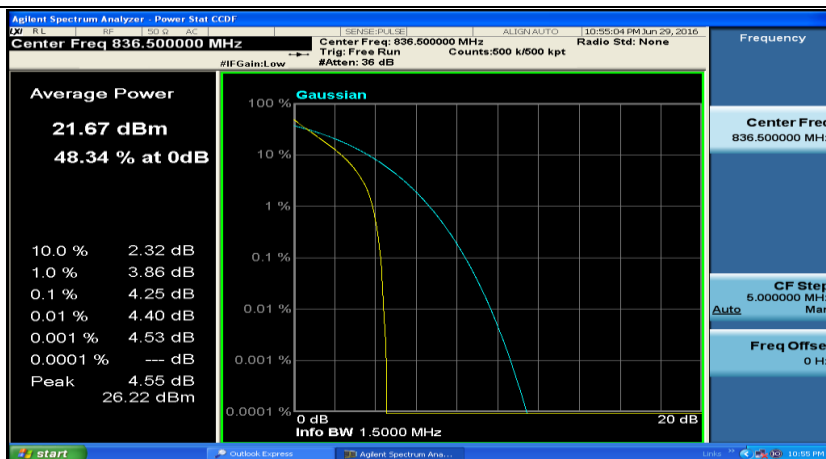
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



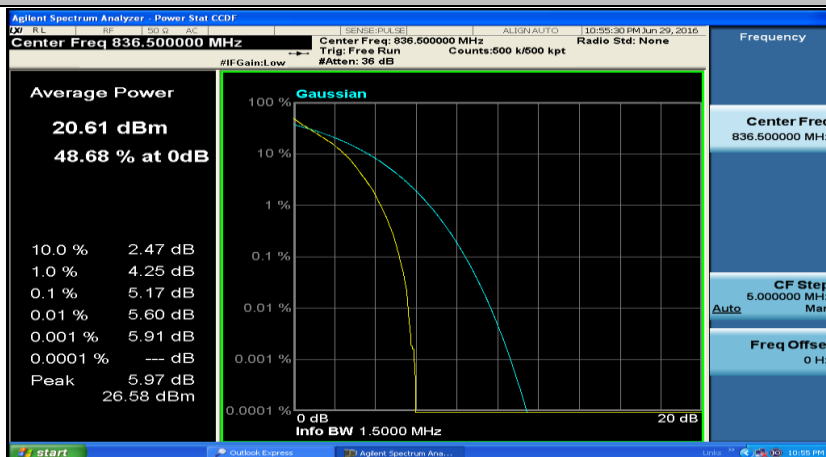
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



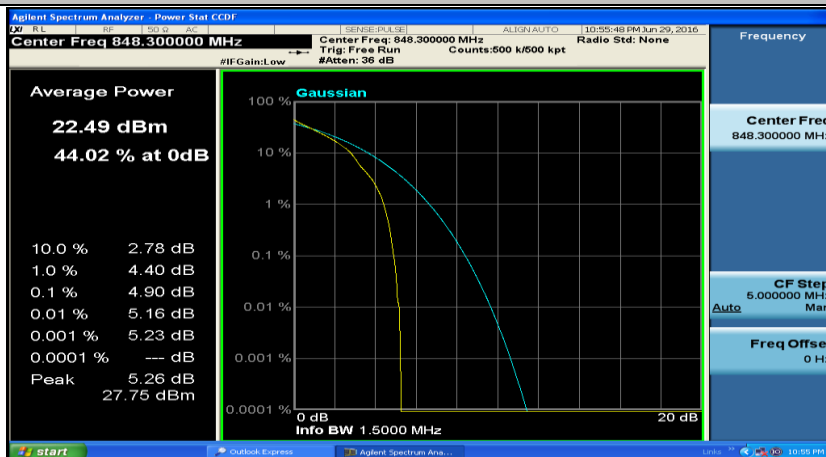
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



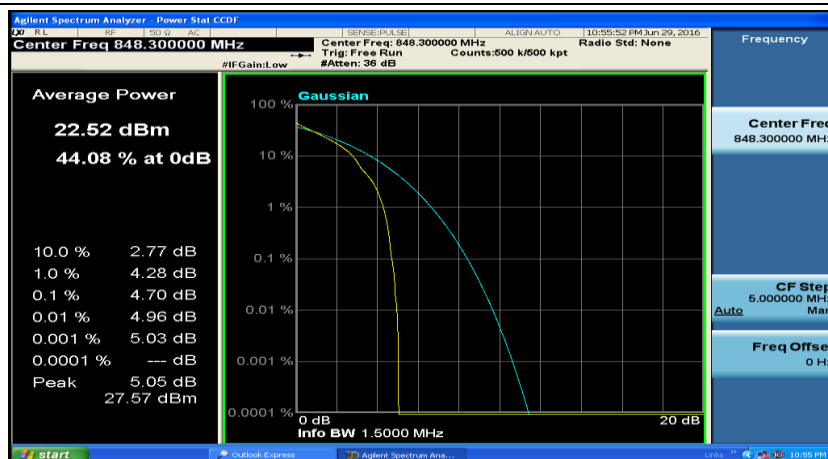
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



(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



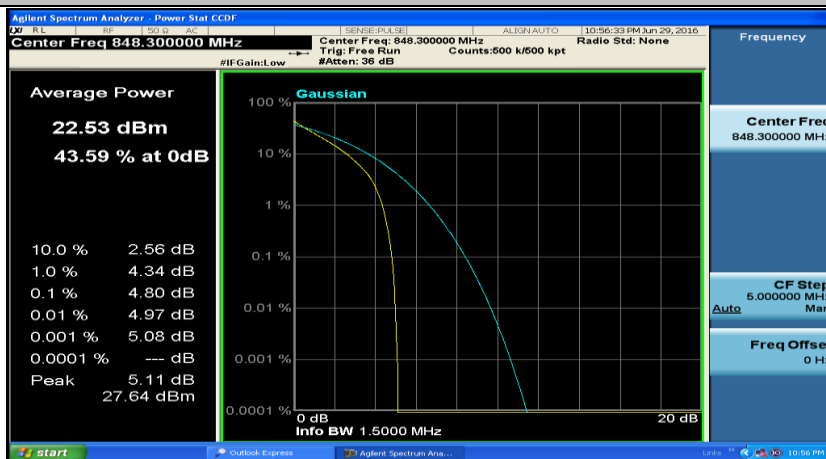
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



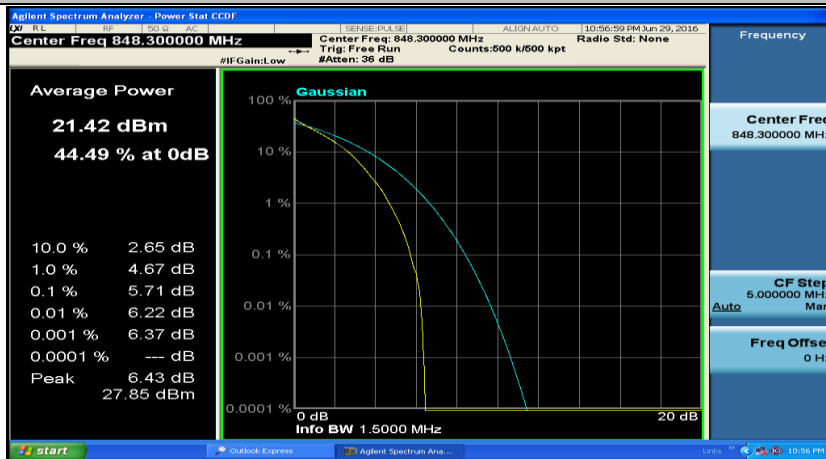
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



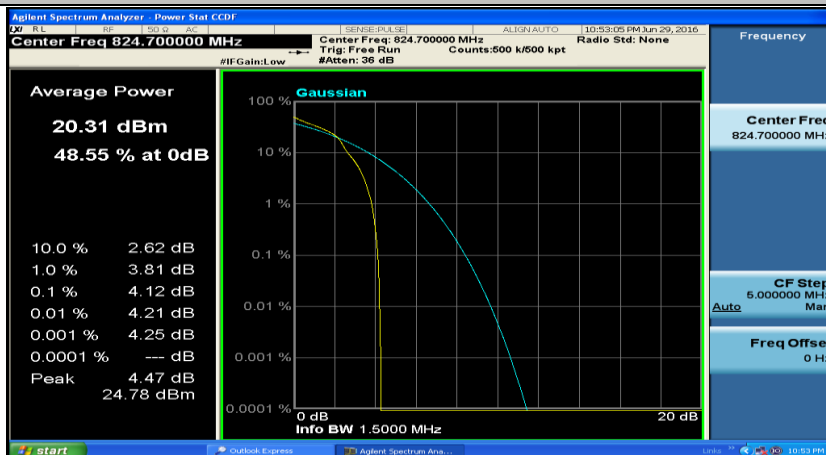
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



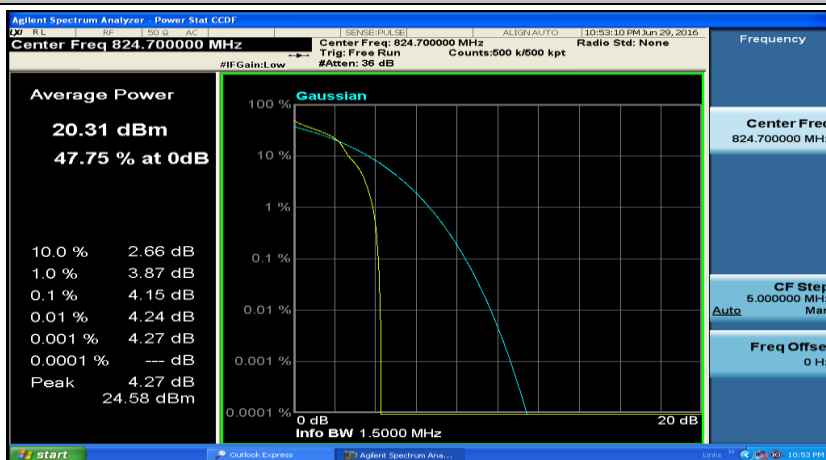
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



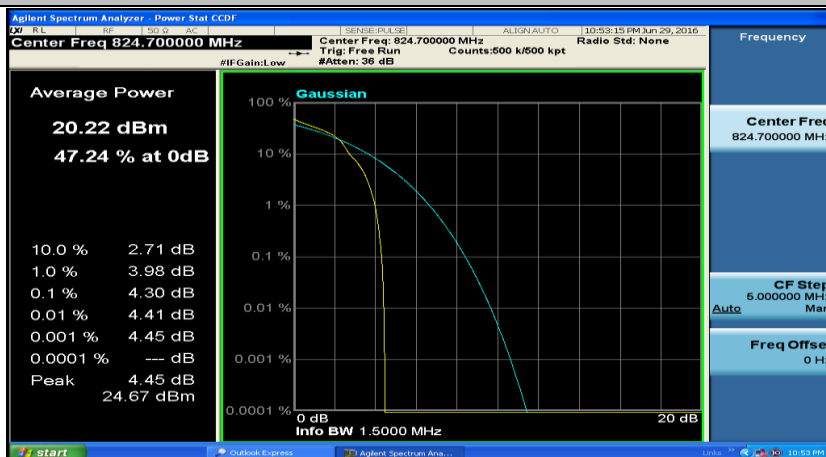
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



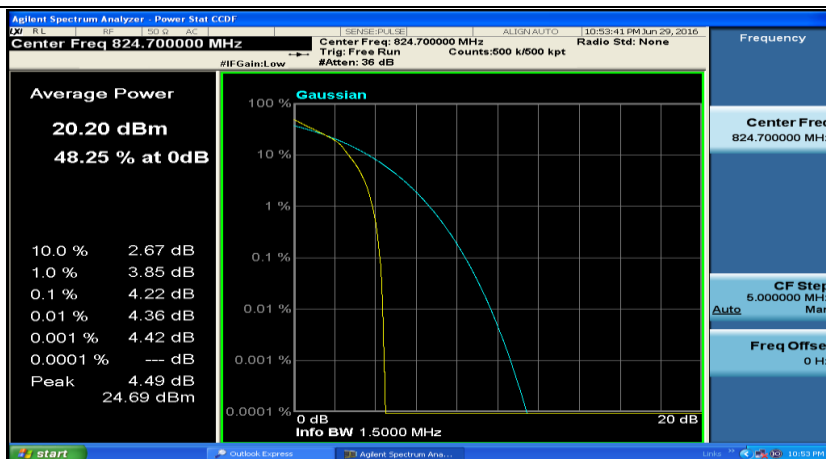
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



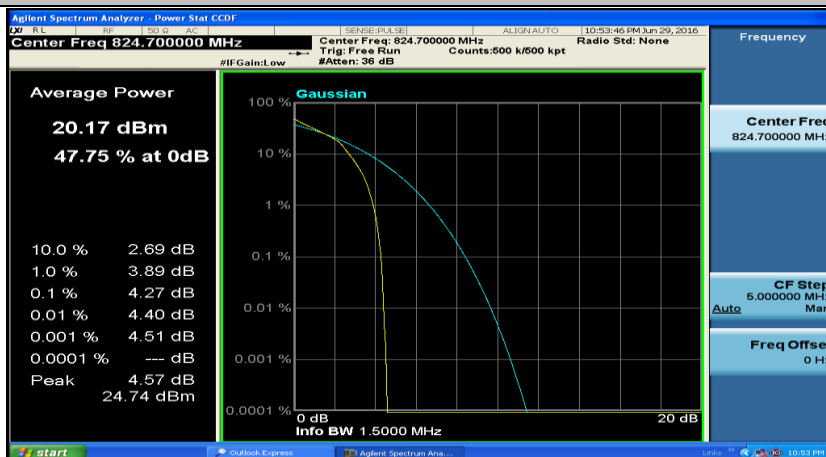
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



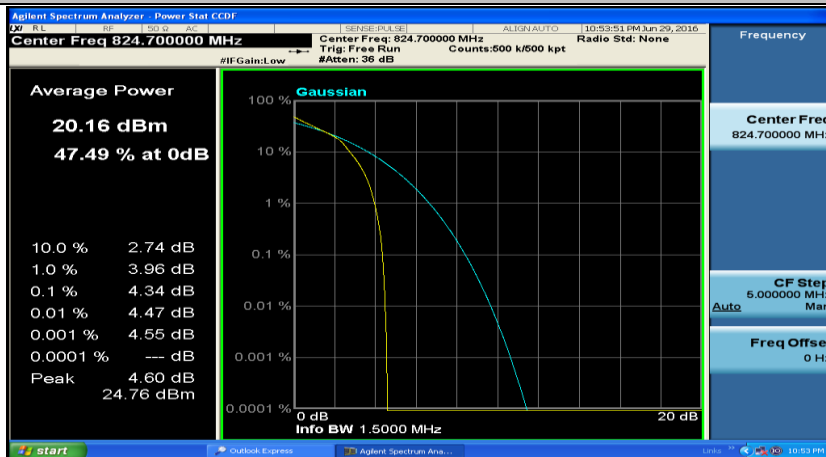
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



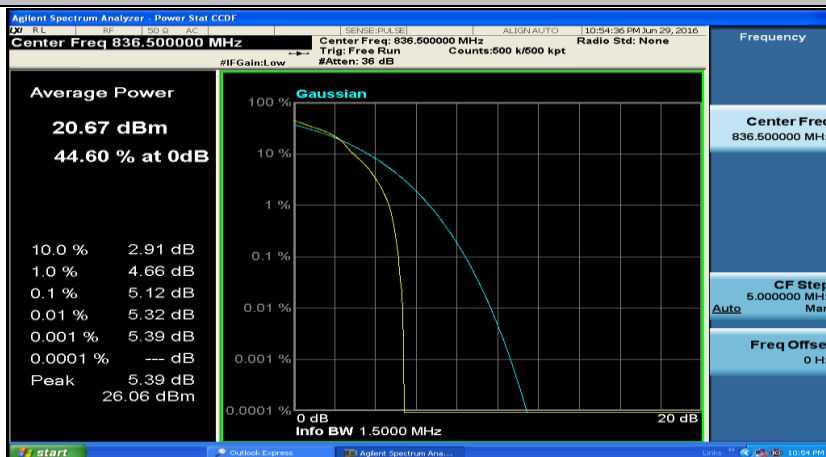
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



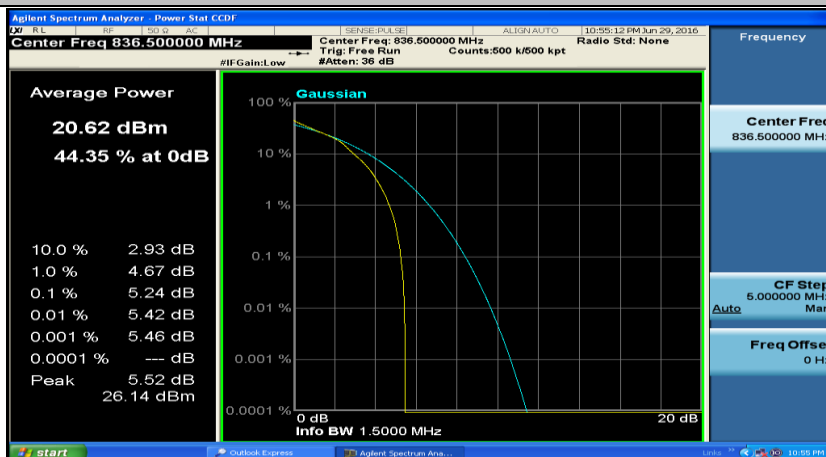
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



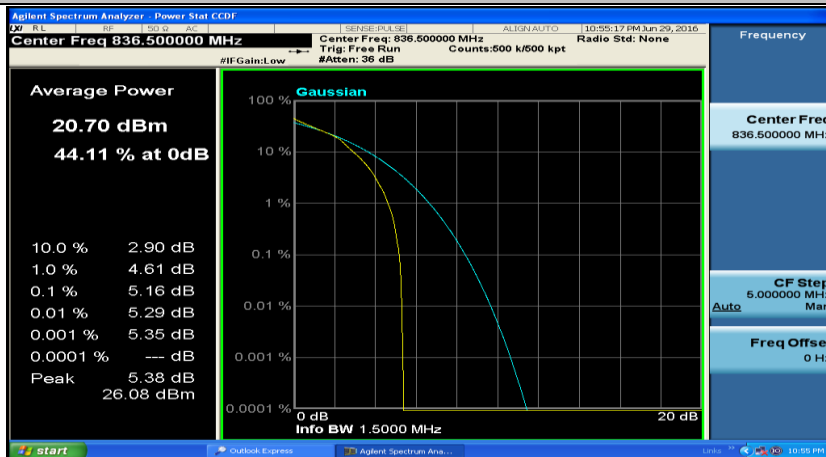
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



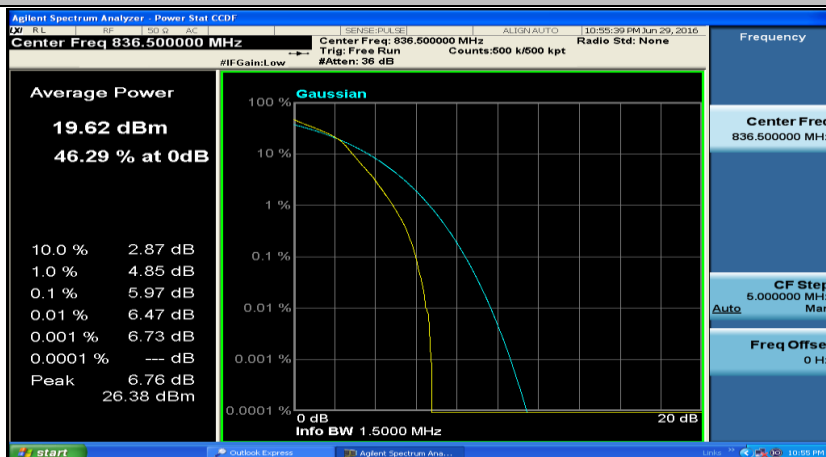
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



(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



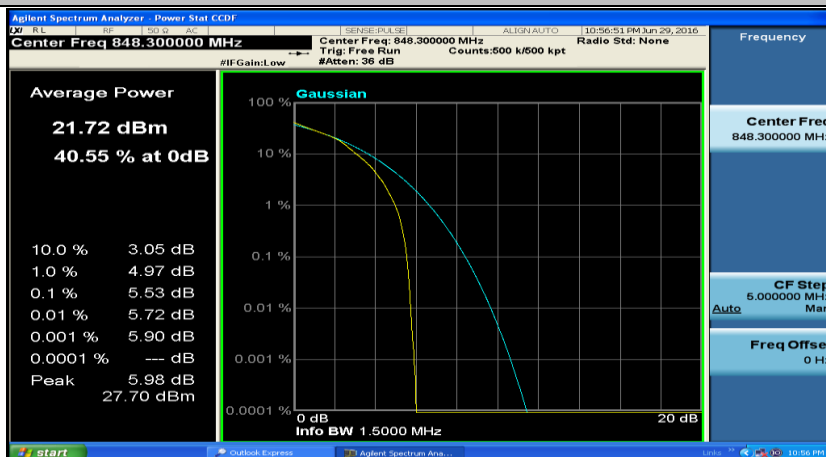
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



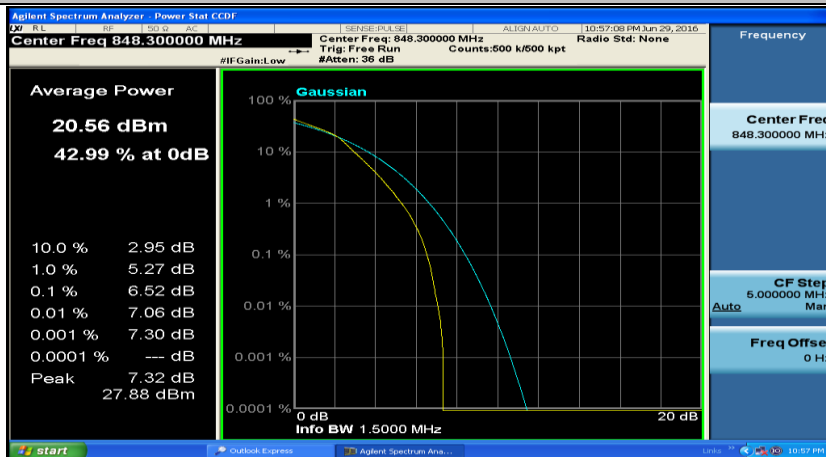
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

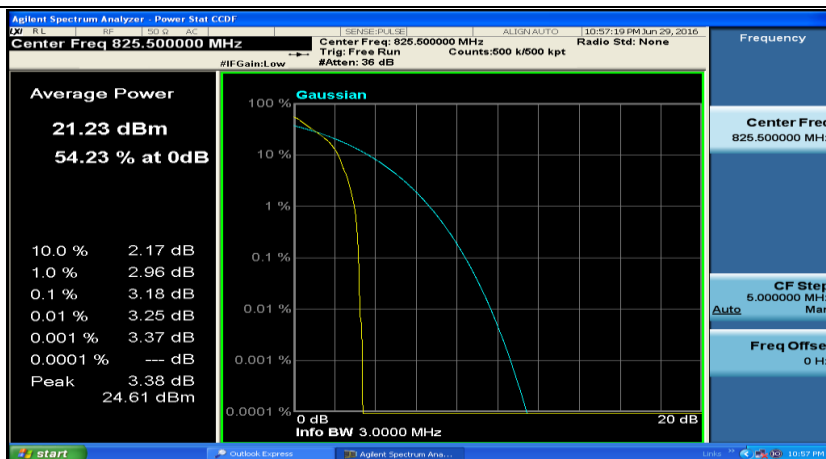


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

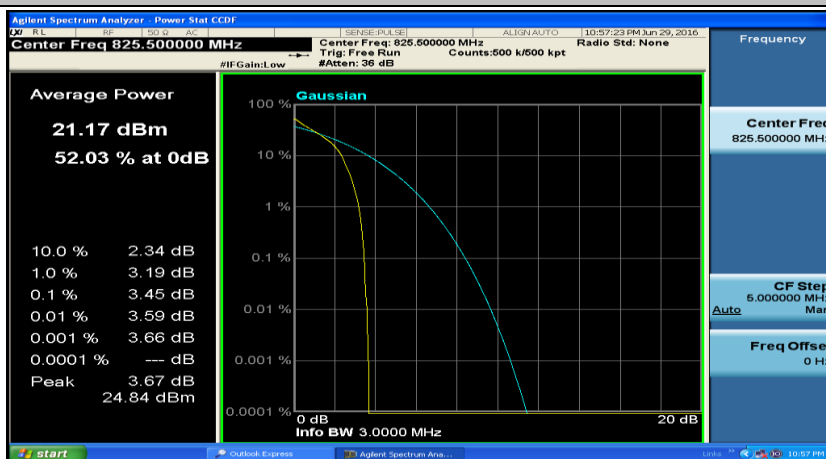


Channel Bandwidth: 3 MHz

(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



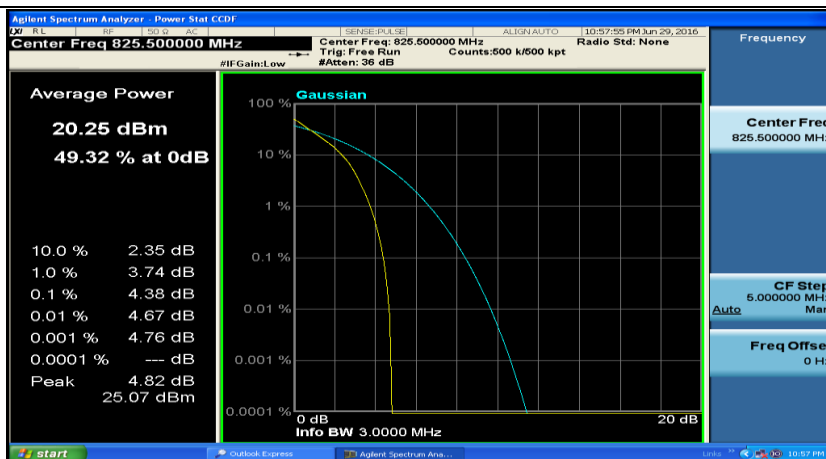
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



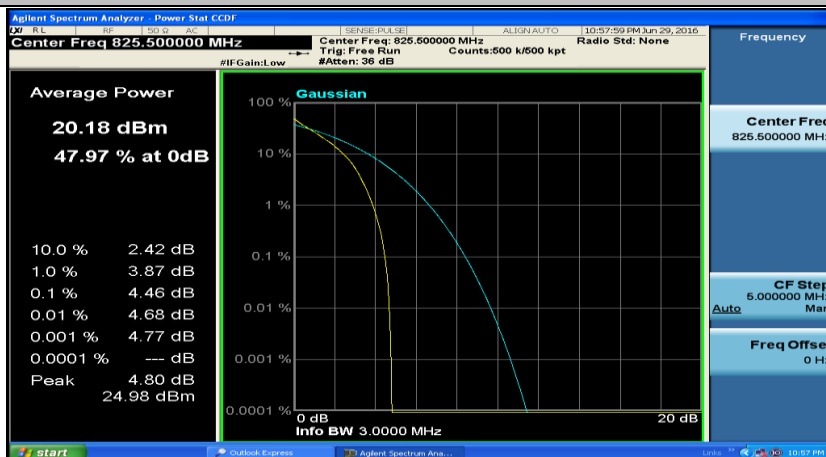
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



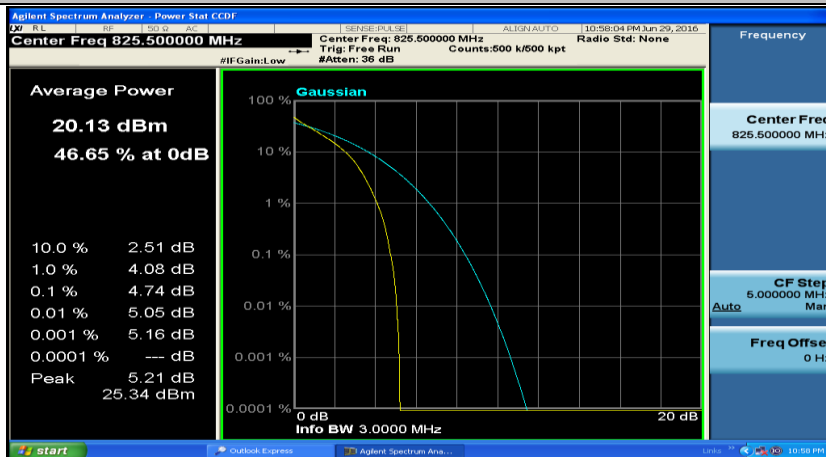
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0



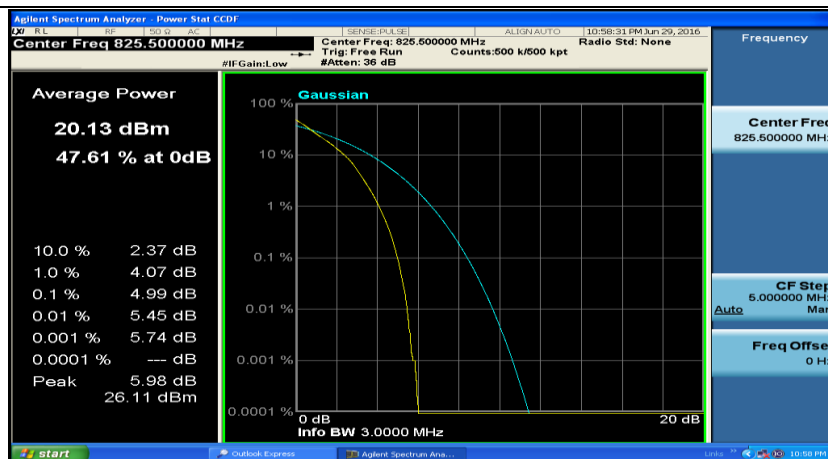
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4



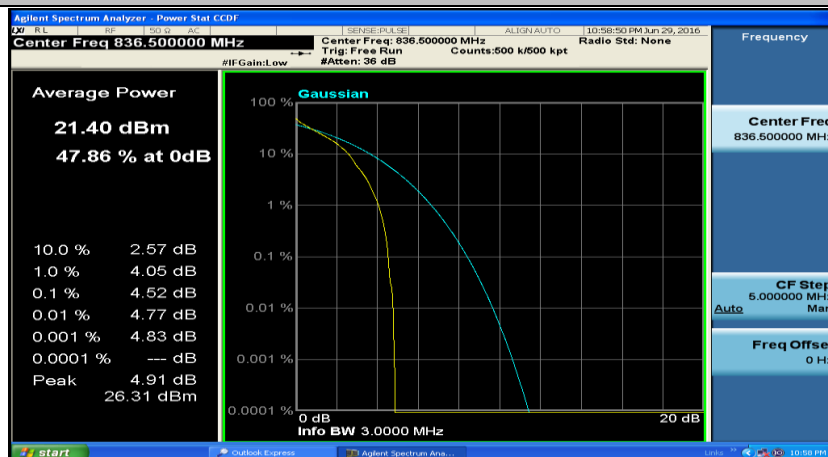
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



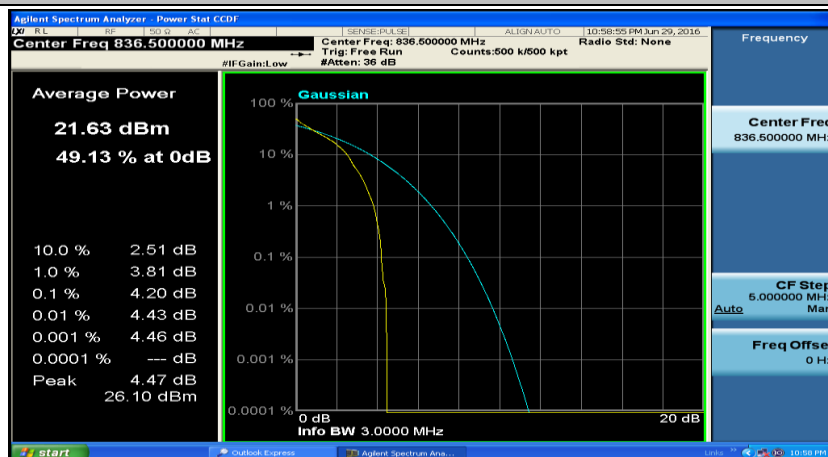
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



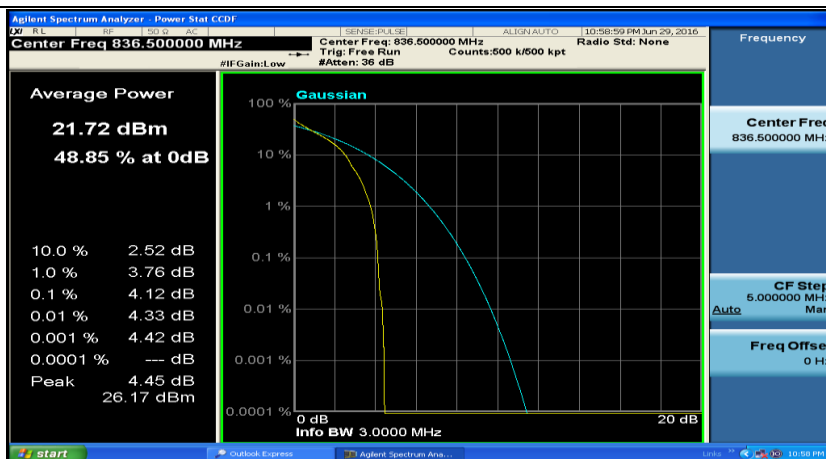
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



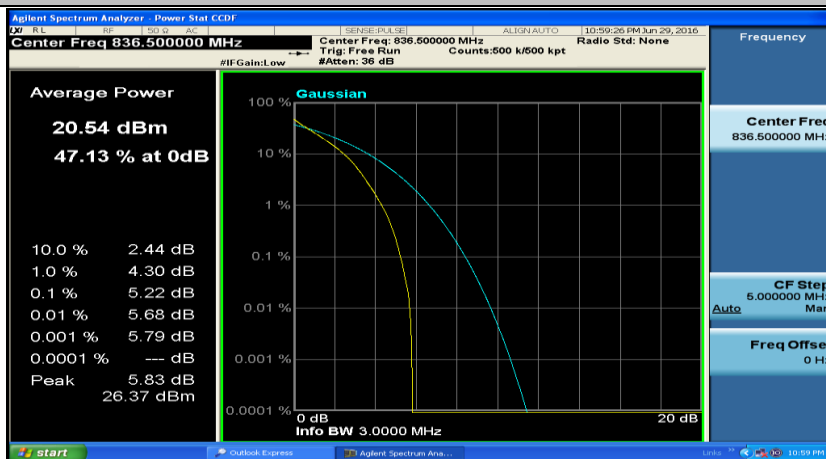
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



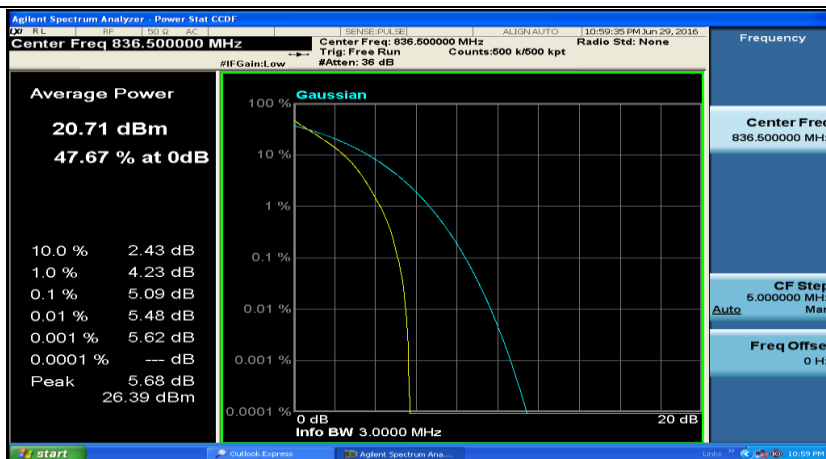
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#0



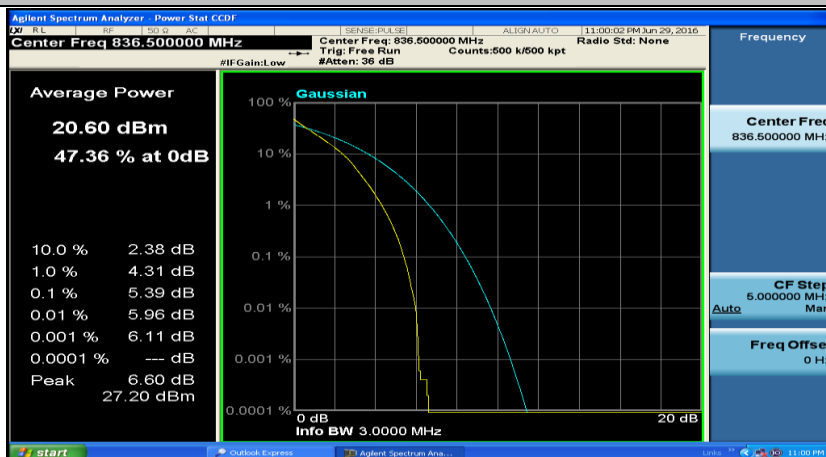
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#4



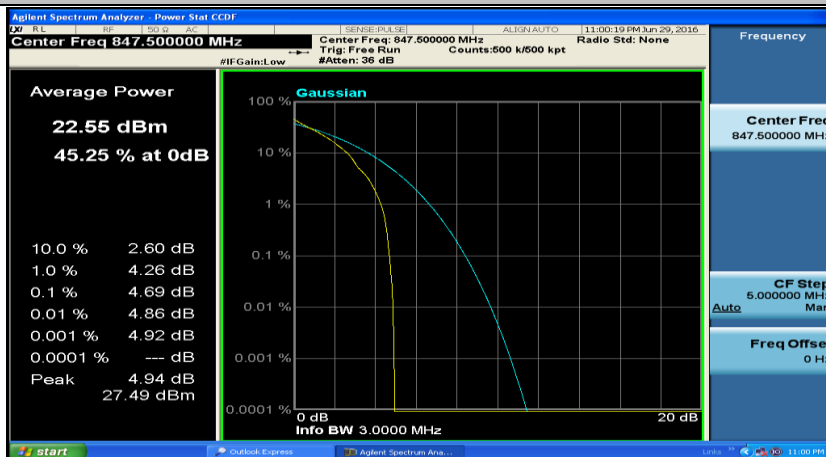
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#7



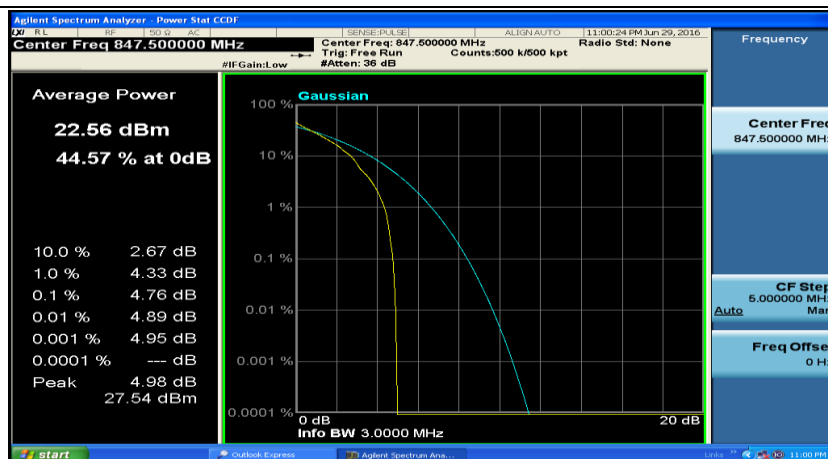
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



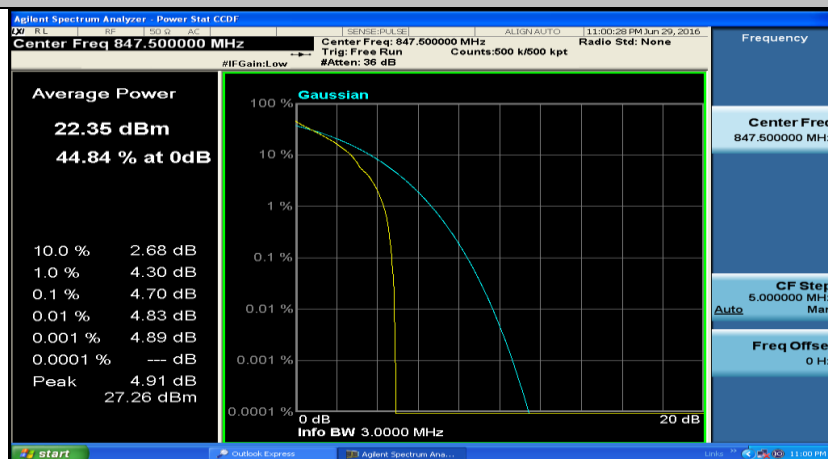
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



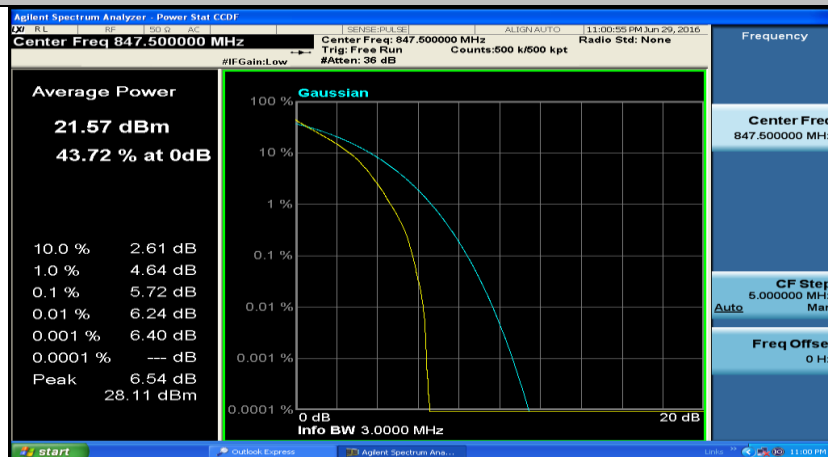
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



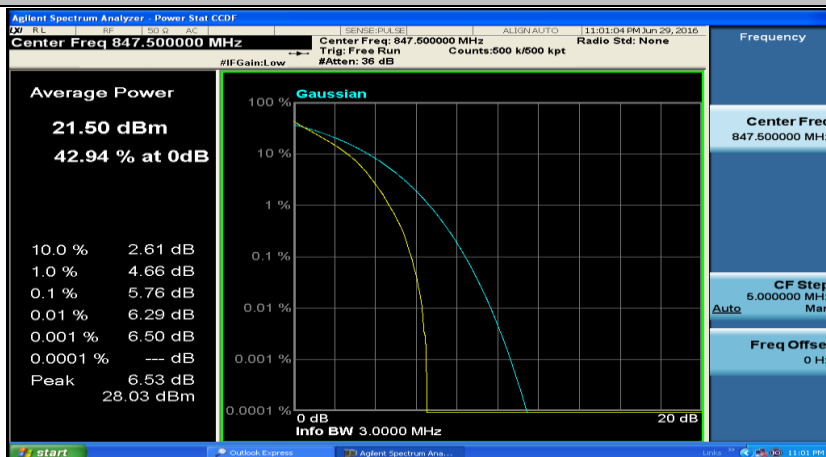
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



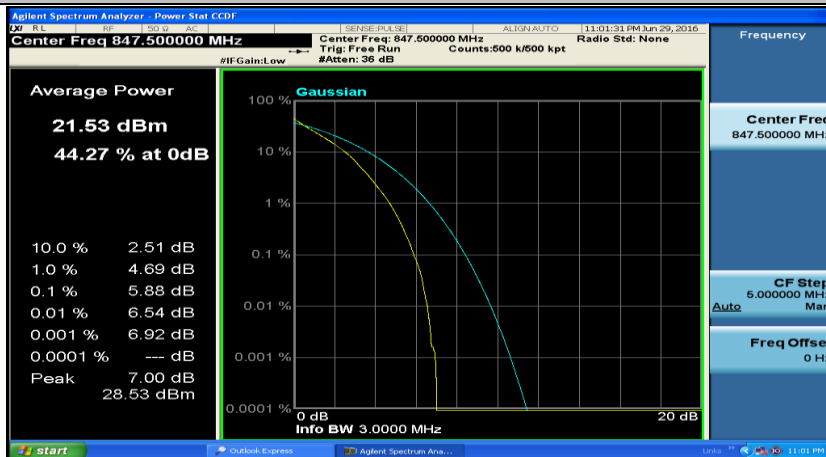
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4



(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7



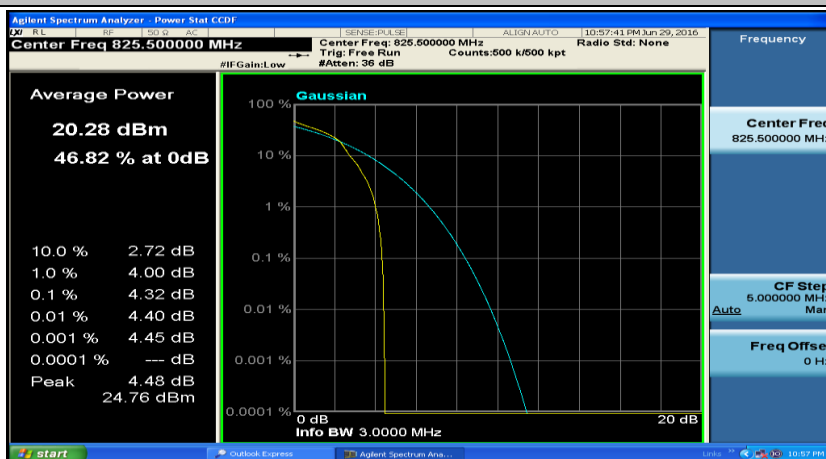
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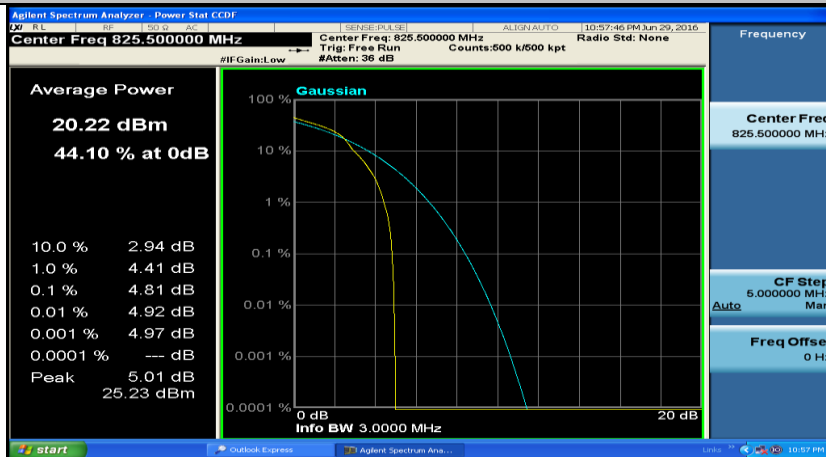
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



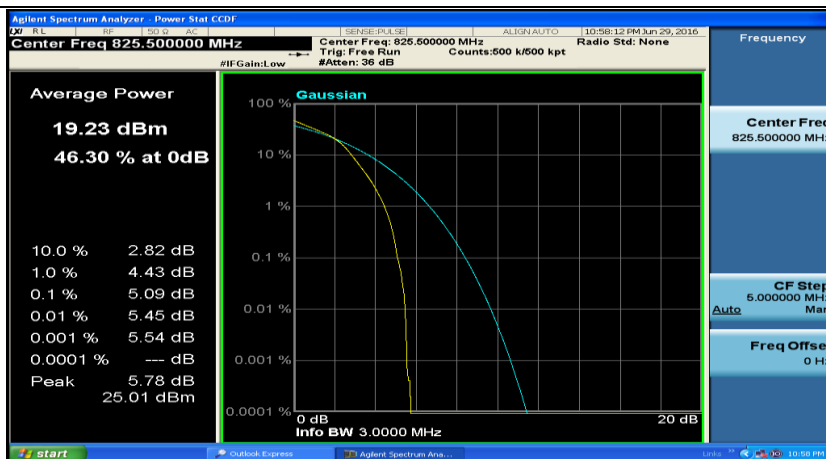
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7



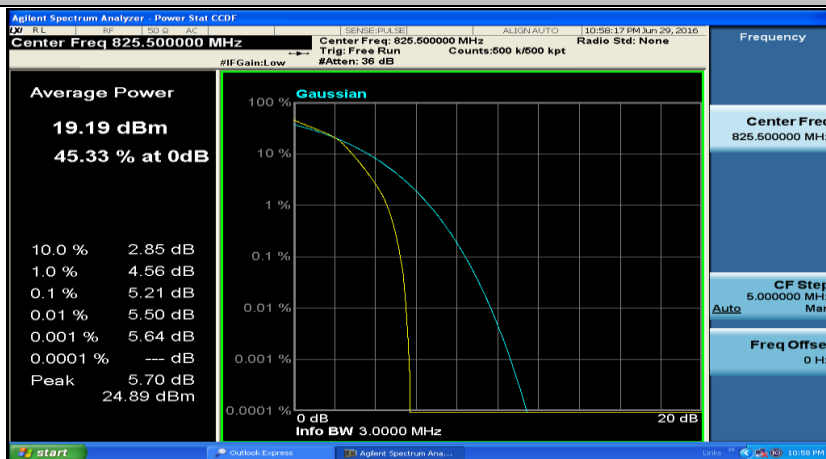
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4



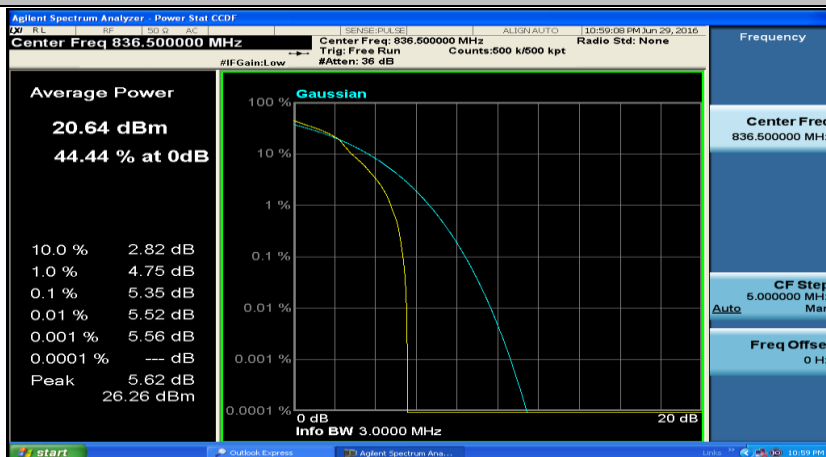
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7



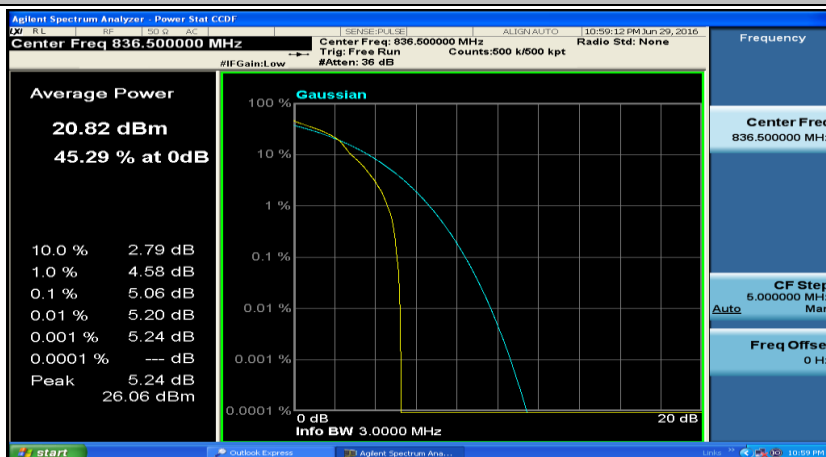
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



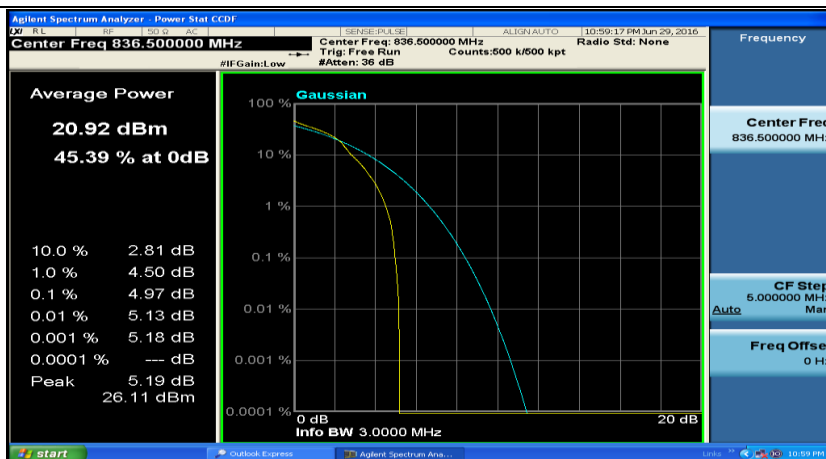
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7



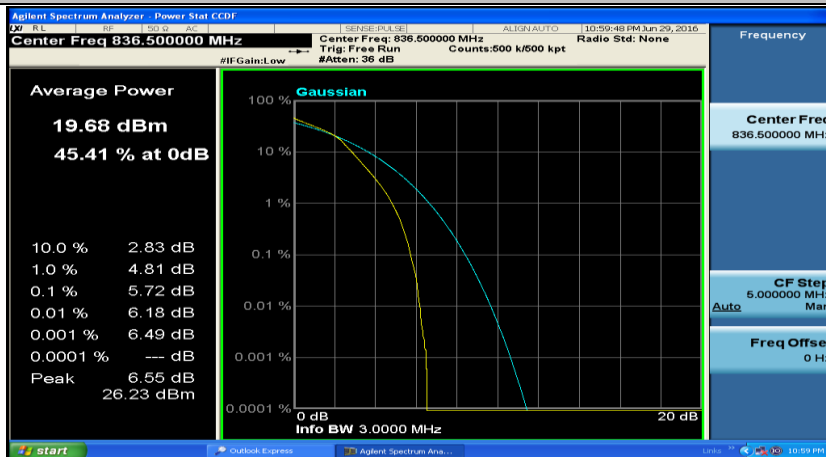
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



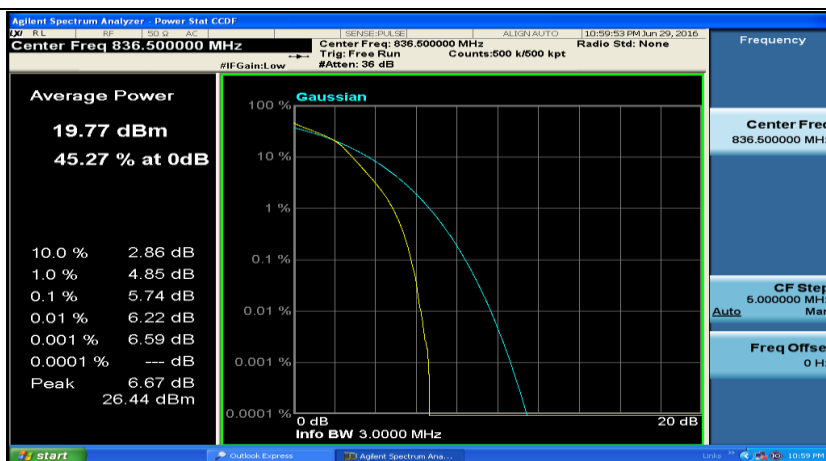
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#0



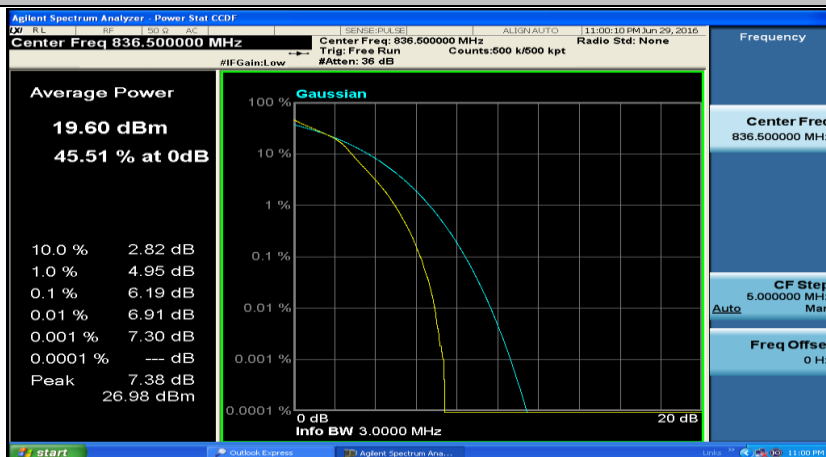
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#4



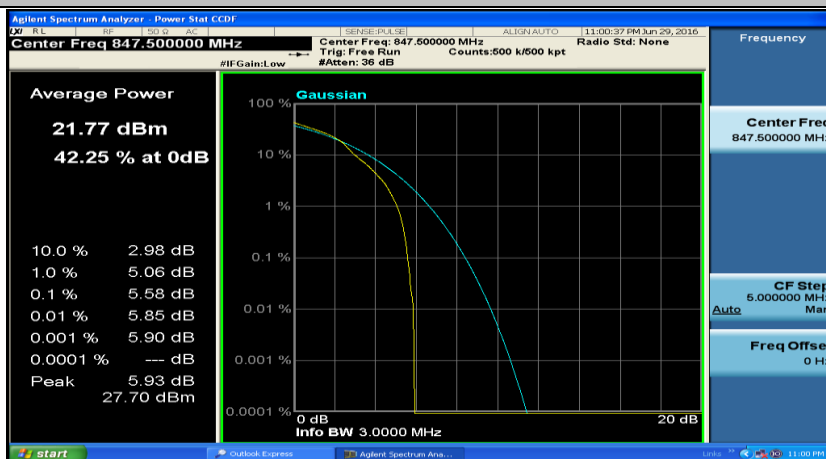
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#7



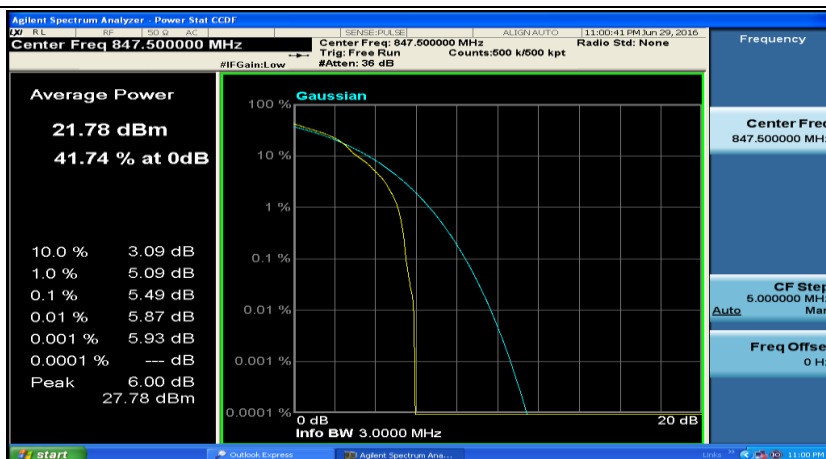
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



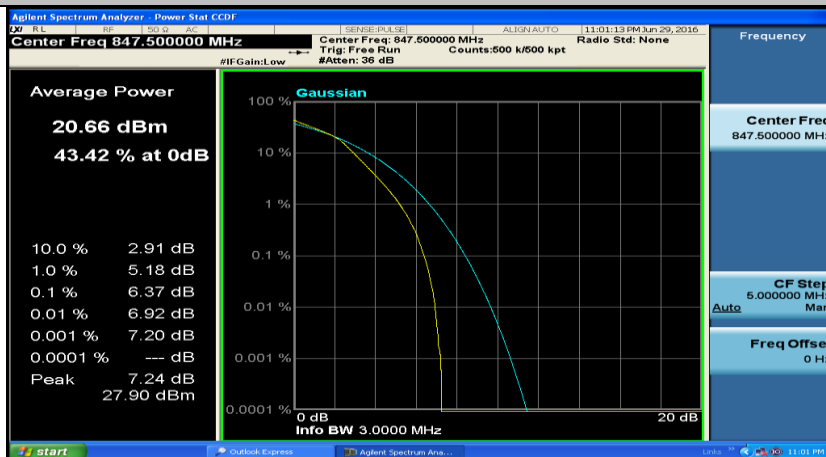
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



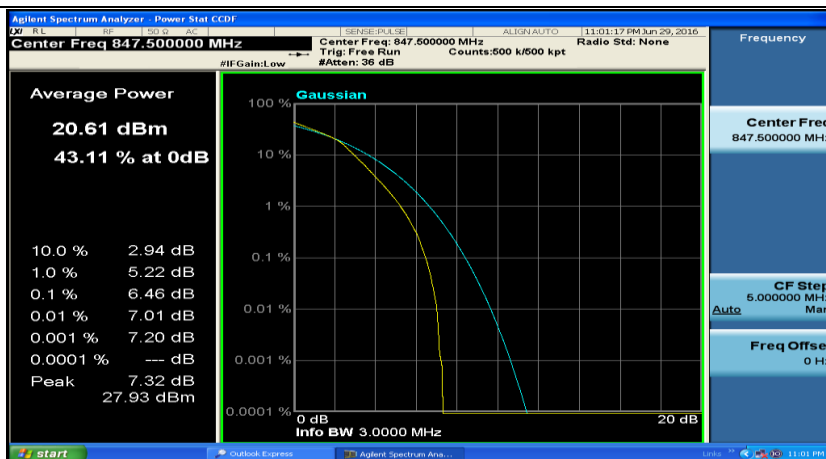
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14



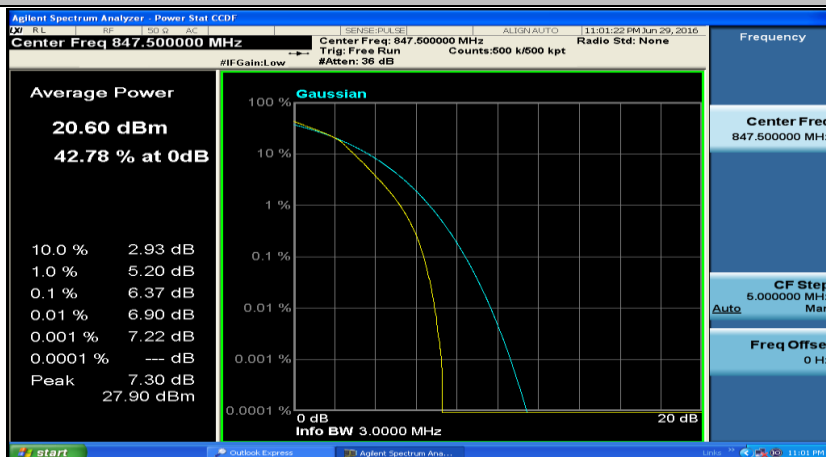
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7



(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

