C.2: Peak-to-Average Ratio

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict
		Size	Offset	(dB)	(dB)	
QPSK	LCH	1	0	4.31	<13	PASS
		1	3	4.44	<13	PASS
		1	5	4.63	<13	PASS
		3	0	4.36	<13	PASS
		3	2	4.43	<13	PASS
		3	3	4.53	<13	PASS
		6	0	5.27	<13	PASS
	MCH	1	0	4.2	<13	PASS
		1	3	4.04	<13	PASS
		1	5	4.06	<13	PASS
		3	0	3.91	<13	PASS
		3	2	3.8	<13	PASS
		3	3	3.81	<13	PASS
		6	0	4.81	<13	PASS
	HCH	1	0	5.38	<13	PASS
		1	3	5.2	<13	PASS
		1	5	5.11	<13	PASS
		3	0	5.34	<13	PASS
		3	2	5.24	<13	PASS
		3	3	5.18	<13	PASS
		6	0	5.68	<13	PASS
16QAM	LCH	1	0	5.22	<13	PASS
		1	3	5.38	<13	PASS
		1	5	5.52	<13	PASS
		3	0	5.23	<13	PASS
		3	2	5.28	<13	PASS
		3	3	5.39	<13	PASS
		6	0	6.12	<13	PASS
	MCH	1	0	5.14	<13	PASS
		1	3	5.02	<13	PASS
		1	5	4.94	<13	PASS
		3	0	4.89	<13	PASS
		3	2	4.79	<13	PASS
		3	3	4.76	<13	PASS
		6	0	5.73	<13	PASS
	HCH	1	0	6.05	<13	PASS

		1	3	6.04	<13	PASS
		1	5	5.81	<13	PASS
		3	0	6.32	<13	PASS
		3	2	6.19	<13	PASS
		3	3	6.12	<13	PASS
		6	0	6.59	<13	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict
		Size	Offset	[dB]	[dB]	
QPSK	LCH	1	0	4.38	<13	PASS
		1	7	4.78	<13	PASS
		1	14	5.29	<13	PASS
		8	0	5.22	<13	PASS
		8	4	5.44	<13	PASS
		8	7	5.57	<13	PASS
		15	0	5.46	<13	PASS
	MCH	1	0	4.18	<13	PASS
		1	7	3.96	<13	PASS
		1	14	3.95	<13	PASS
		8	0	4.74	<13	PASS
		8	4	4.63	<13	PASS
		8	7	4.63	<13	PASS
		15	0	4.96	<13	PASS
	HCH	1	0	5.83	<13	PASS
		1	7	5.67	<13	PASS
		1	14	5.28	<13	PASS
		8	0	5.96	<13	PASS
		8	4	5.89	<13	PASS
		8	7	5.75	<13	PASS
		15	0	5.69	<13	PASS
16QAM	LCH	1	0	5.46	<13	PASS
		1	7	5.91	<13	PASS
		1	14	6.45	<13	PASS
		8	0	5.99	<13	PASS
		8	4	6.18	<13	PASS
		8	7	6.28	<13	PASS
		15	0	6.39	<13	PASS
	MCH	1	0	5.26	<13	PASS
		1	7	5.09	<13	PASS
		1	14	5.09	<13	PASS
		8	0	5.58	<13	PASS

		8	4	5.5	<13	PASS
		8	7	5.46	<13	PASS
		15	0	5.89	<13	PASS
		1	0	7.04	<13	PASS
		1	7	6.85	<13	PASS
		1	14	6.42	<13	PASS
	HCH	8	0	6.64	<13	PASS
		8	4	6.58	<13	PASS
		8	7	6.46	<13	PASS
		15	0	6.54	<13	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict
		Size	Offset	[dB]	[dB]	
QPSK	LCH	1	0	4.51	<13	PASS
		1	12	5.28	<13	PASS
		1	24	5.71	<13	PASS
		12	0	5.36	<13	PASS
		12	6	5.64	<13	PASS
		12	13	5.86	<13	PASS
		25	0	5.57	<13	PASS
	MCH	1	0	4.44	<13	PASS
		1	12	3.99	<13	PASS
		1	24	4.11	<13	PASS
		12	0	4.88	<13	PASS
		12	6	4.66	<13	PASS
		12	13	4.67	<13	PASS
		25	0	5.02	<13	PASS
	HCH	1	0	5.62	<13	PASS
		1	12	5.67	<13	PASS
		1	24	5.22	<13	PASS
		12	0	5.94	<13	PASS
		12	6	5.91	<13	PASS
		12	13	5.81	<13	PASS
		25	0	5.79	<13	PASS
16QAM	LCH	1	0	5.5	<13	PASS
		1	12	6.35	<13	PASS
		1	24	6.88	<13	PASS
		12	0	6.25	<13	PASS
		12	6	6.48	<13	PASS
		12	13	6.66	<13	PASS
		25	0	6.38	<13	PASS

		1	0	5.4	<13	PASS
		1	12	5.02	<13	PASS
		1	24	5.12	<13	PASS
	MCH	12	0	5.76	<13	PASS
		12	6	5.55	<13	PASS
		12	13	5.57	<13	PASS
		25	0	5.81	<13	PASS
		1	0	6.66	<13	PASS
		1	12	6.67	<13	PASS
		1	24	6.23	<13	PASS
	HCH	12	0	6.89	<13	PASS
		12	6	6.79	<13	PASS
		12	13	6.75	<13	PASS
		25	0	6.62	<13	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict
		Size	Offset	[dB]	[dB]	
QPSK	LCH	1	0	4.4	<13	PASS
		1	24	5.46	<13	PASS
		1	49	4.58	<13	PASS
		25	0	5.6	<13	PASS
		25	12	5.75	<13	PASS
		25	25	5.6	<13	PASS
		50	0	5.56	<13	PASS
	MCH	1	0	4.99	<13	PASS
		1	24	3.9	<13	PASS
		1	49	4.7	<13	PASS
		25	0	5.13	<13	PASS
		25	12	4.81	<13	PASS
		25	25	4.94	<13	PASS
		50	0	5.34	<13	PASS
	HCH	1	0	4.29	<13	PASS
		1	24	5.65	<13	PASS
		1	49	5.39	<13	PASS
		25	0	5.48	<13	PASS
		25	12	5.74	<13	PASS
		25	25	5.83	<13	PASS
		50	0	5.61	<13	PASS
16QAM	LCH	1	0	5.43	<13	PASS
		1	24	6.87	<13	PASS
		1	49	5.58	<13	PASS

		25	0	6.3	<13	PASS
		25	12	6.46	<13	PASS
		25	25	6.33	<13	PASS
		50	0	6.38	<13	PASS
	MCH	1	0	6.17	<13	PASS
		1	24	5.07	<13	PASS
		1	49	5.75	<13	PASS
		25	0	5.88	<13	PASS
		25	12	5.58	<13	PASS
		25	25	5.72	<13	PASS
		50	0	6.04	<13	PASS
	HCH	1	0	5.3	<13	PASS
		1	24	6.85	<13	PASS
		1	49	6.52	<13	PASS
		25	0	6.29	<13	PASS
		25	12	6.56	<13	PASS
		25	25	6.6	<13	PASS
		50	0	6.37	<13	PASS

Test Graphs

Channel Bandwidth: 1.4 MHz

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0
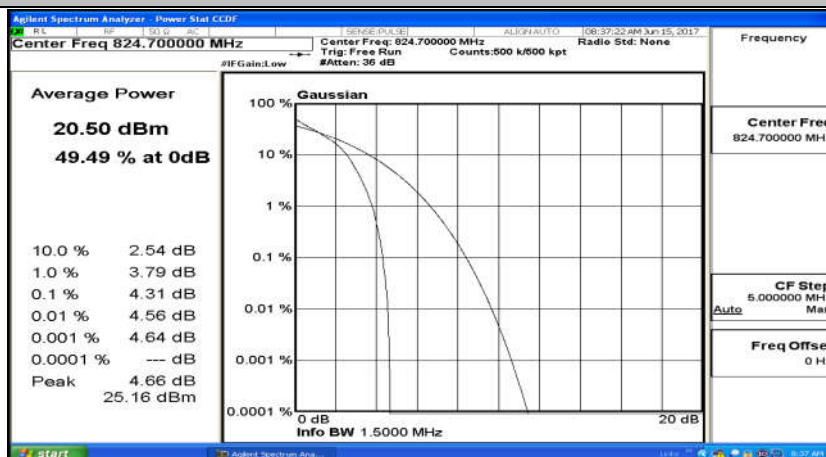
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3
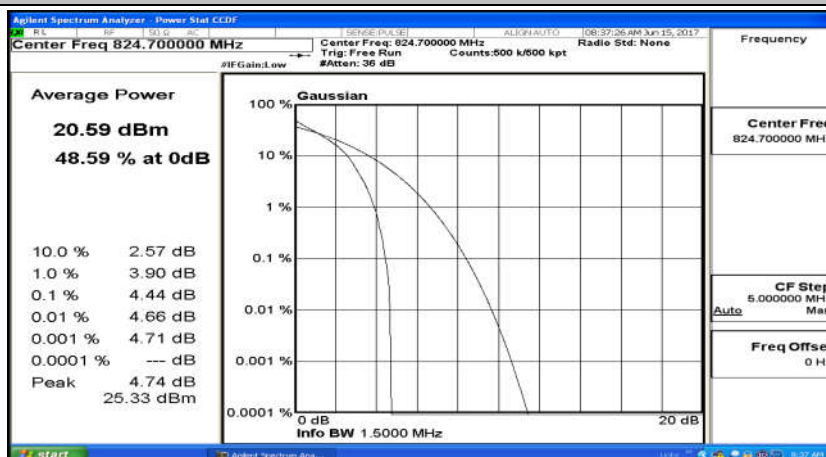
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5
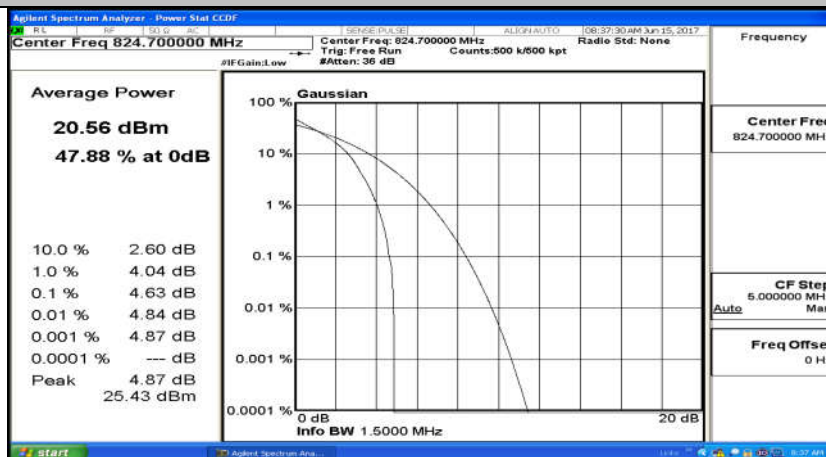
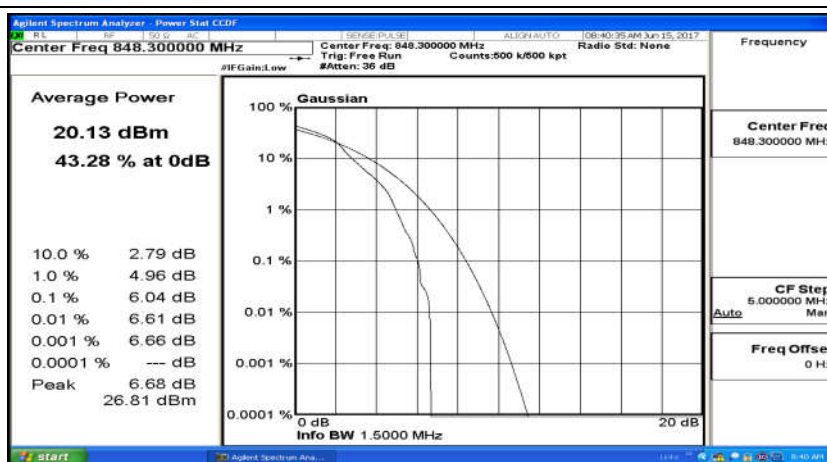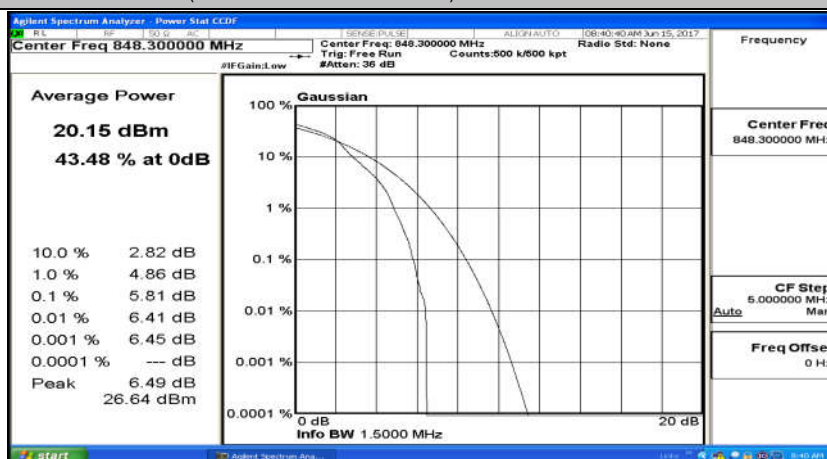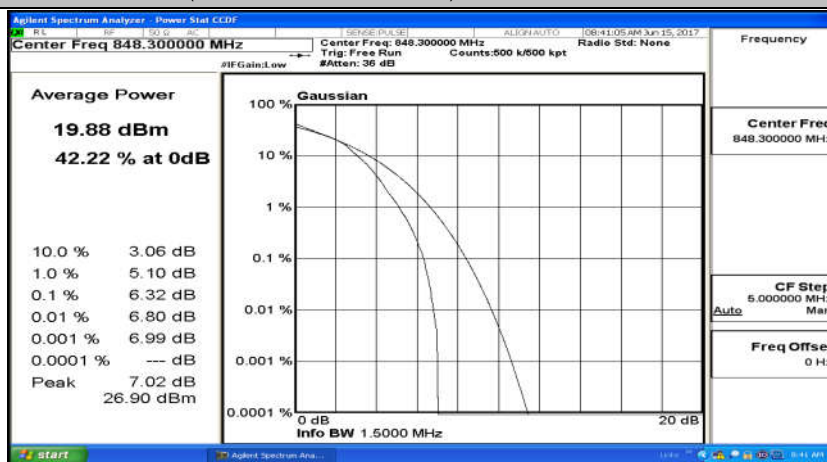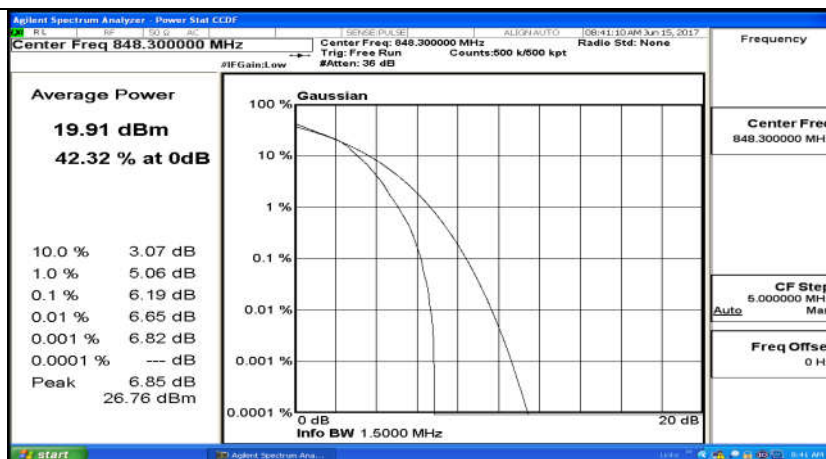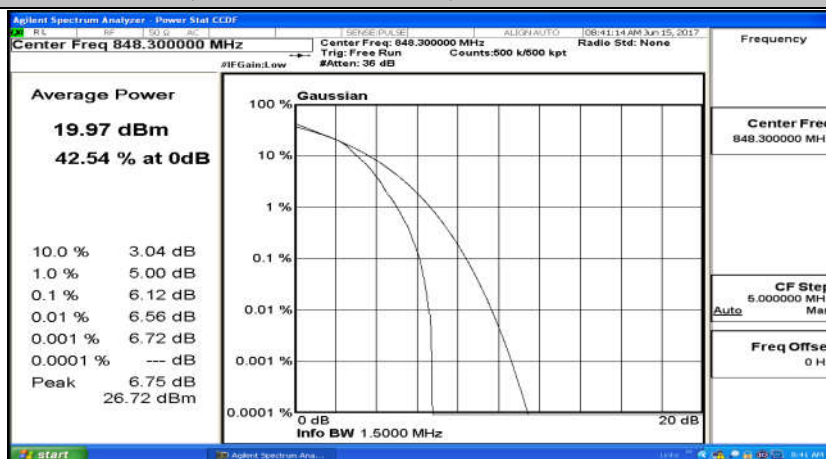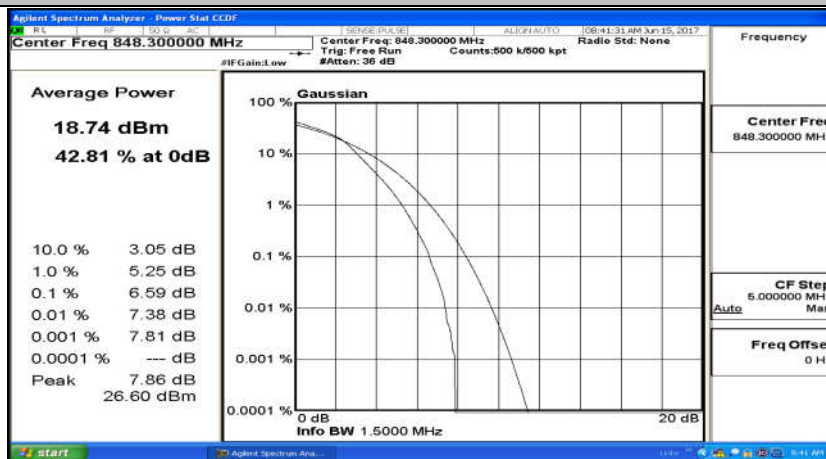| (Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0 |
|---|
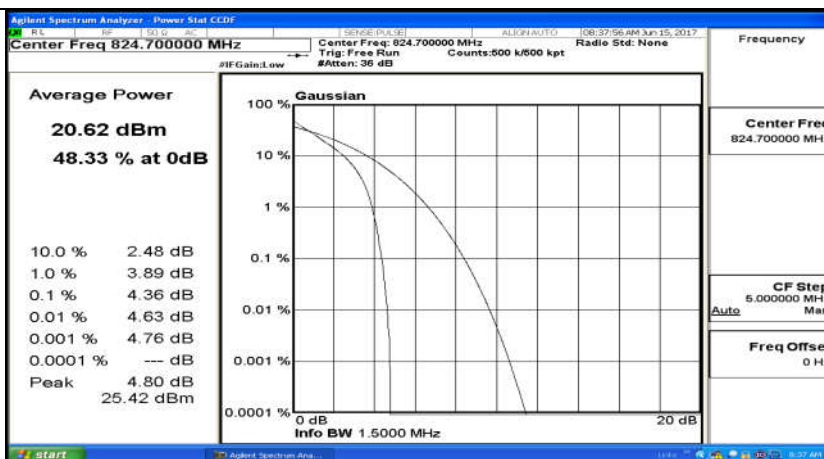
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2
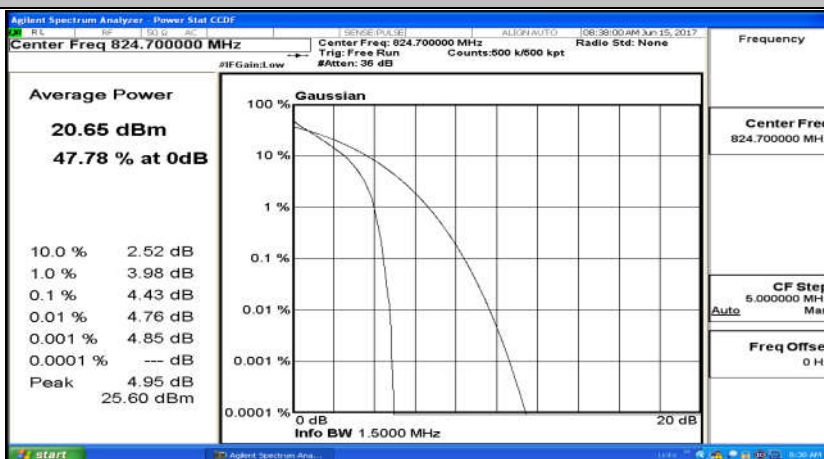
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3
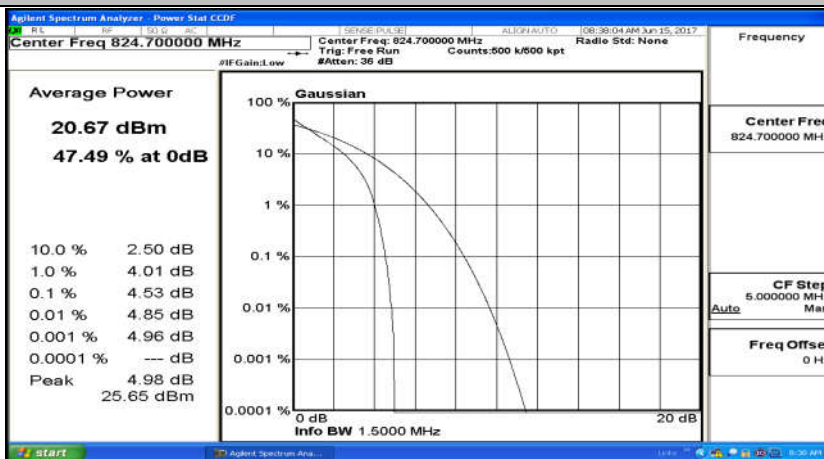
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0
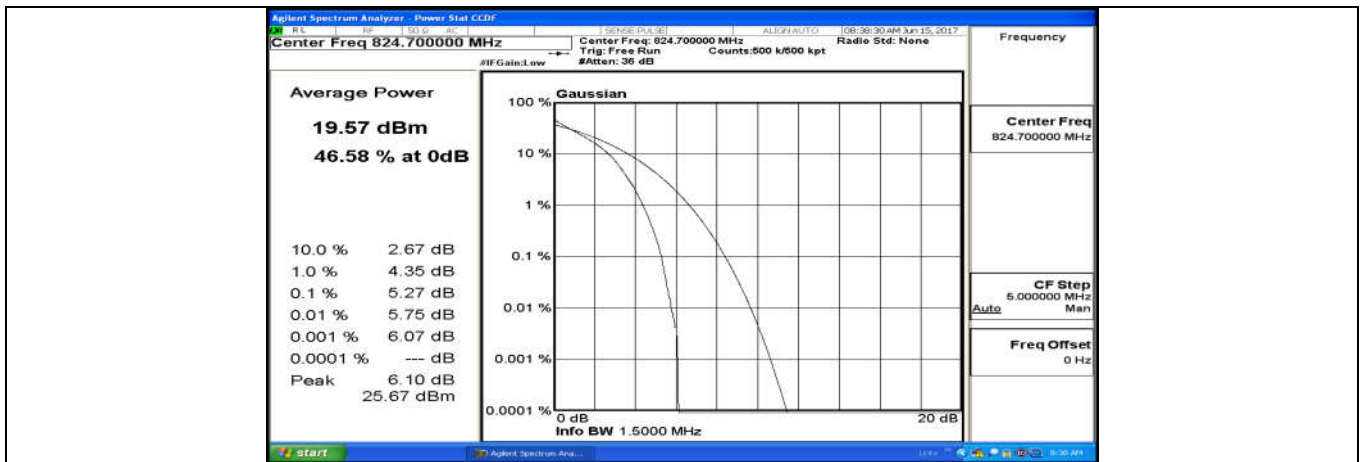
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0
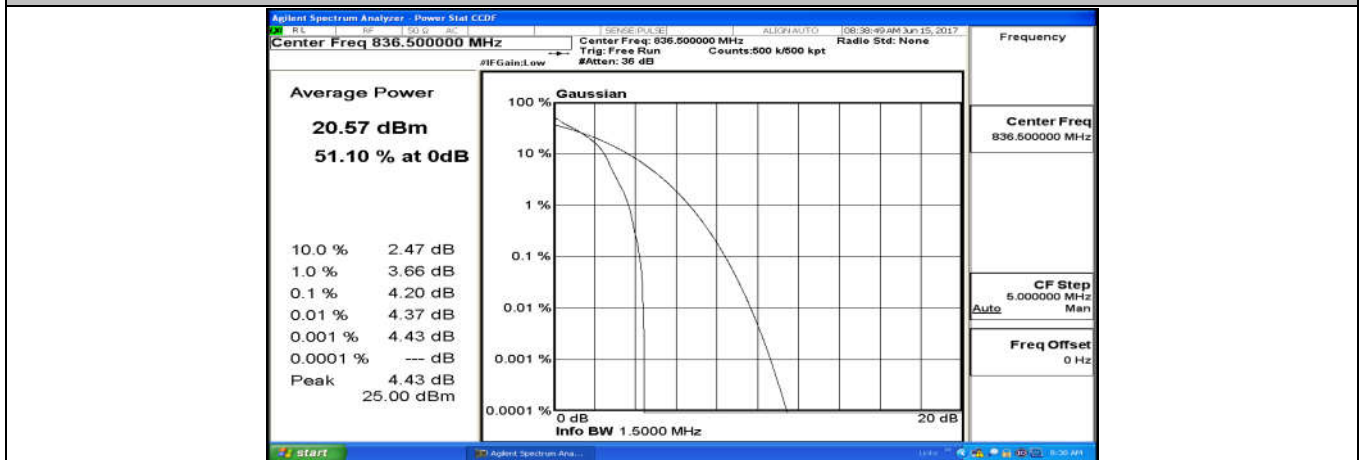
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3
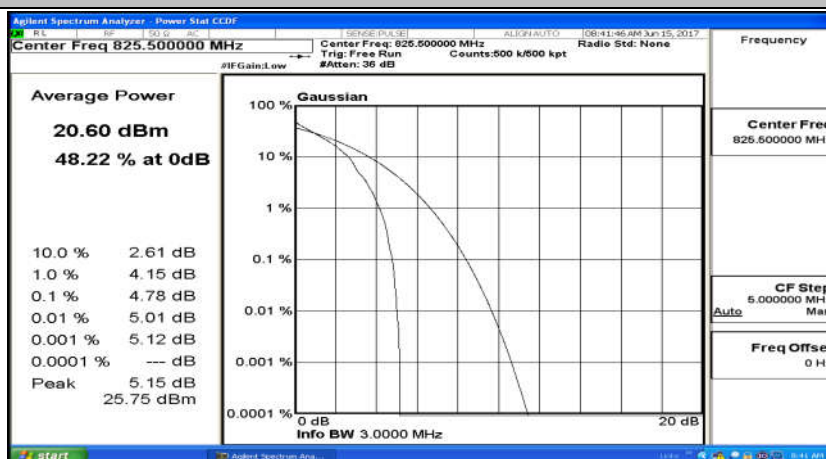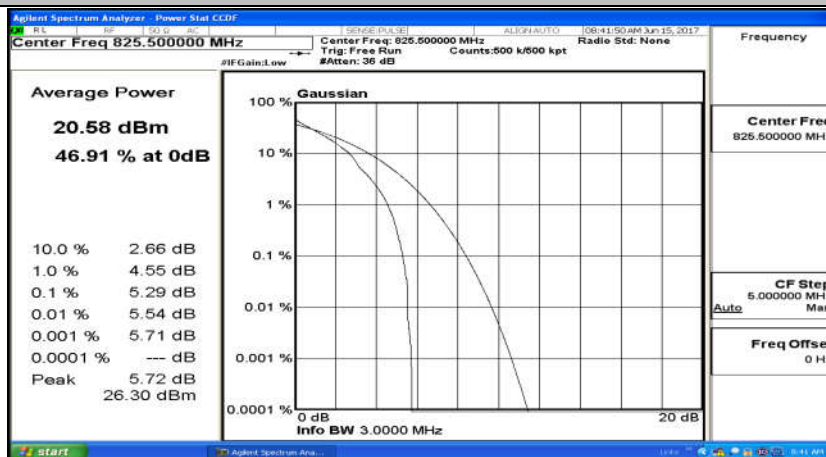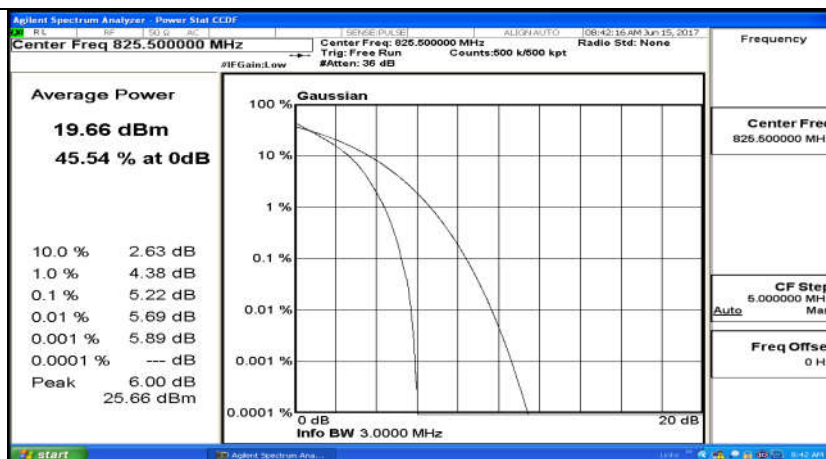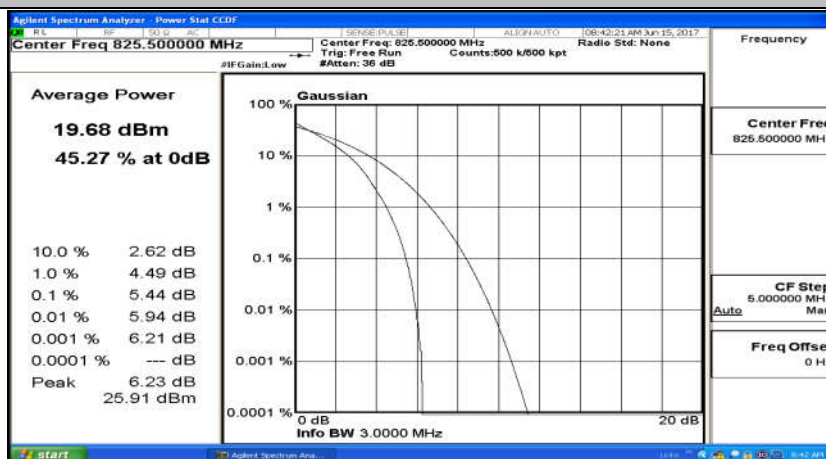

(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

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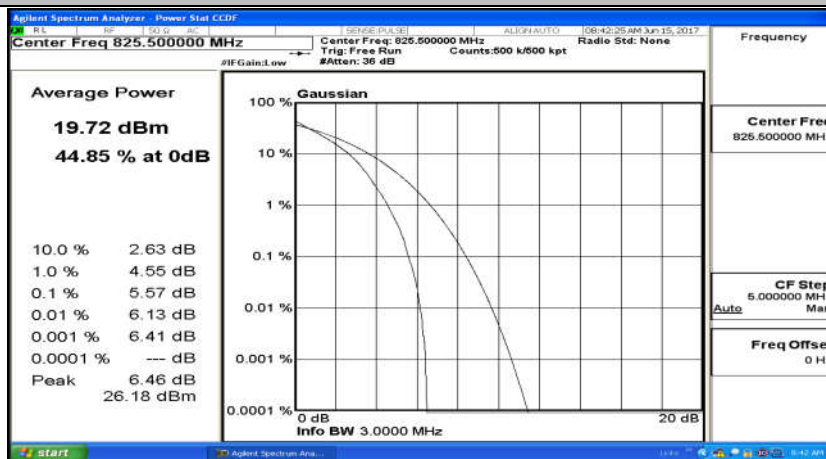
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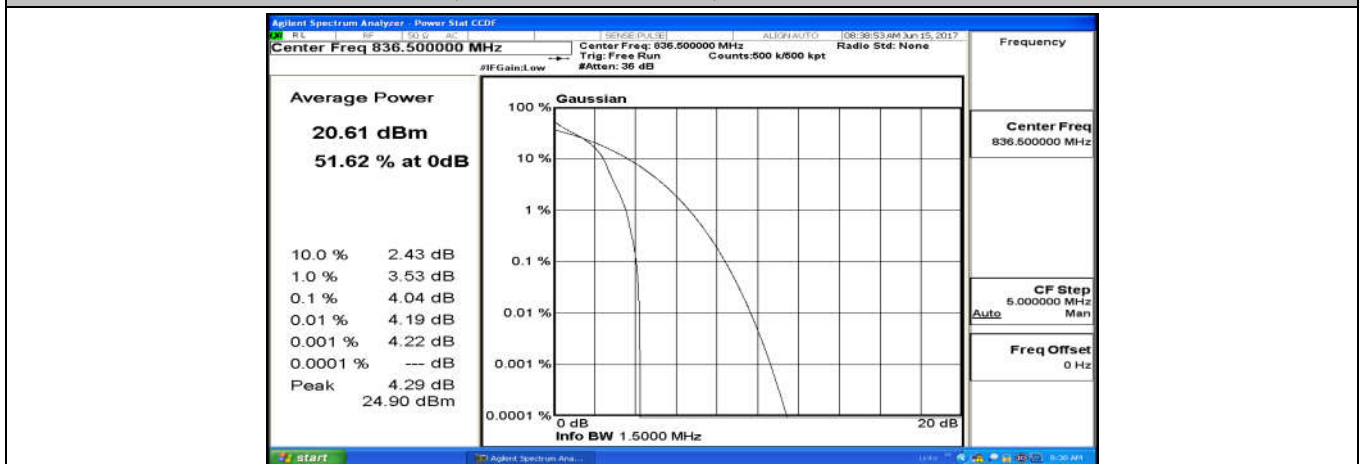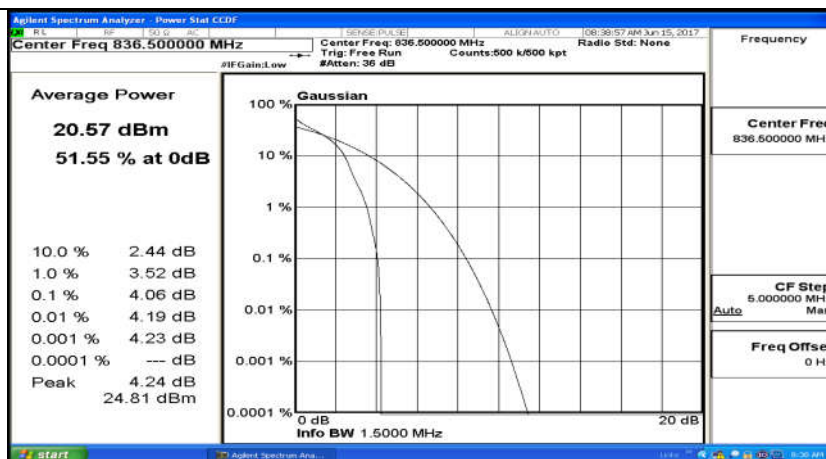
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0
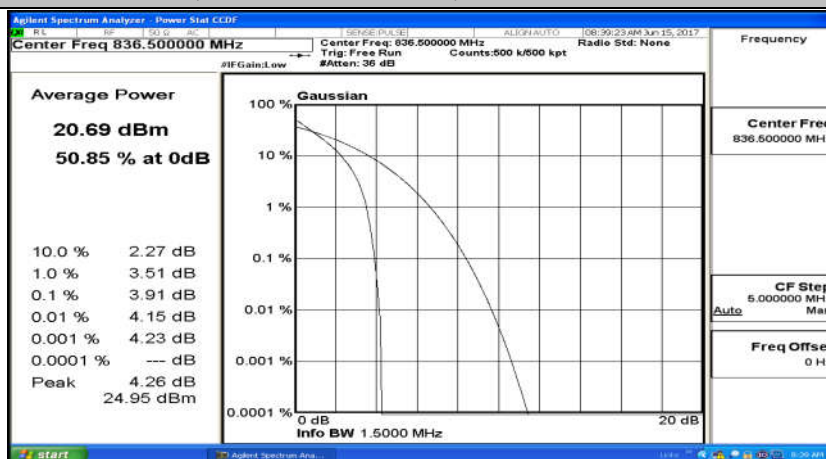
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2
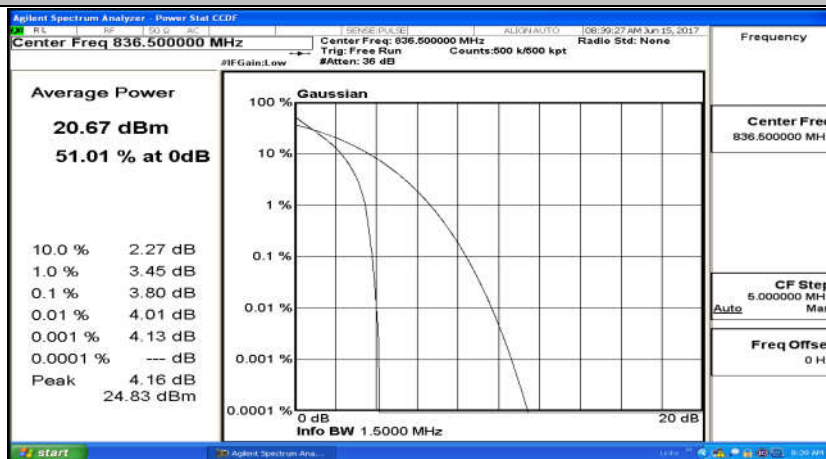
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3
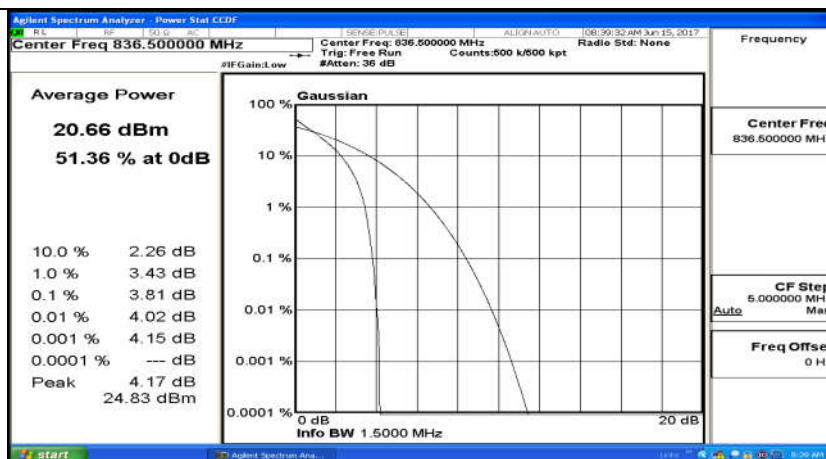
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0
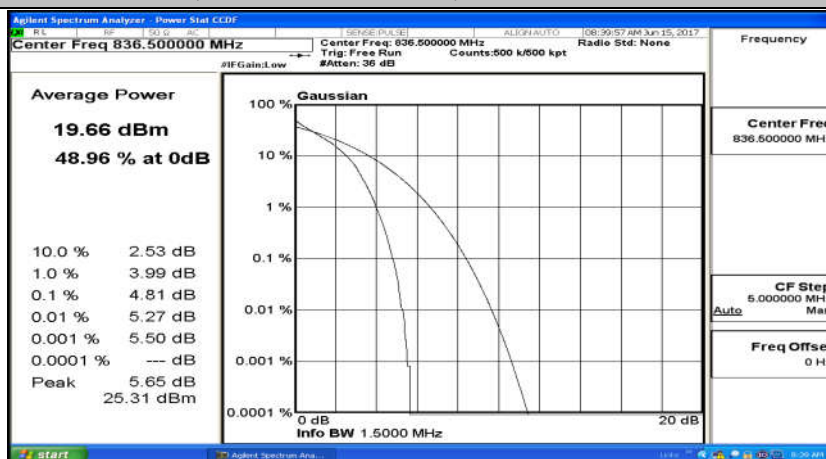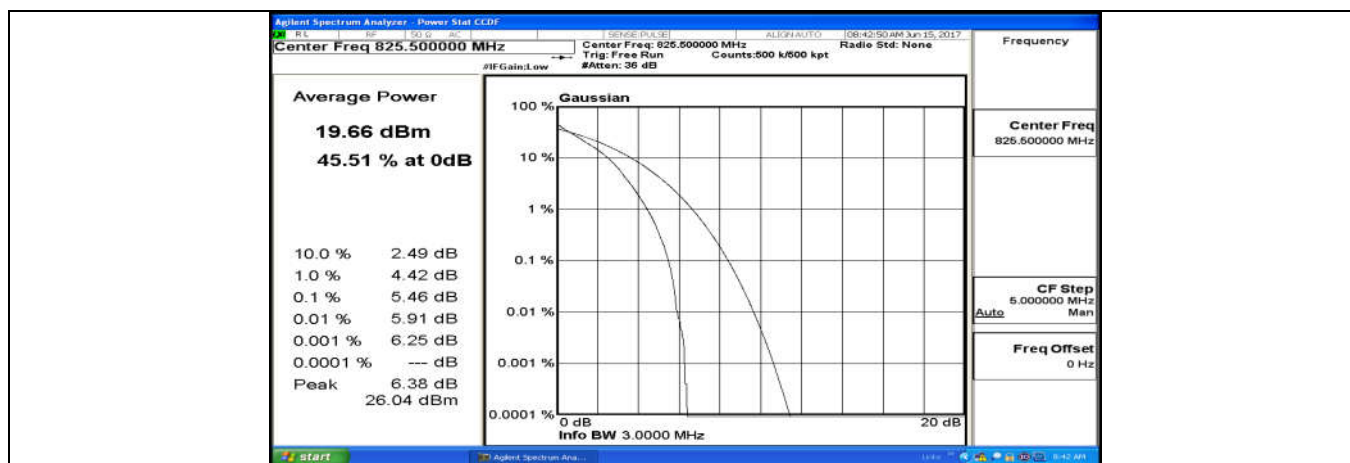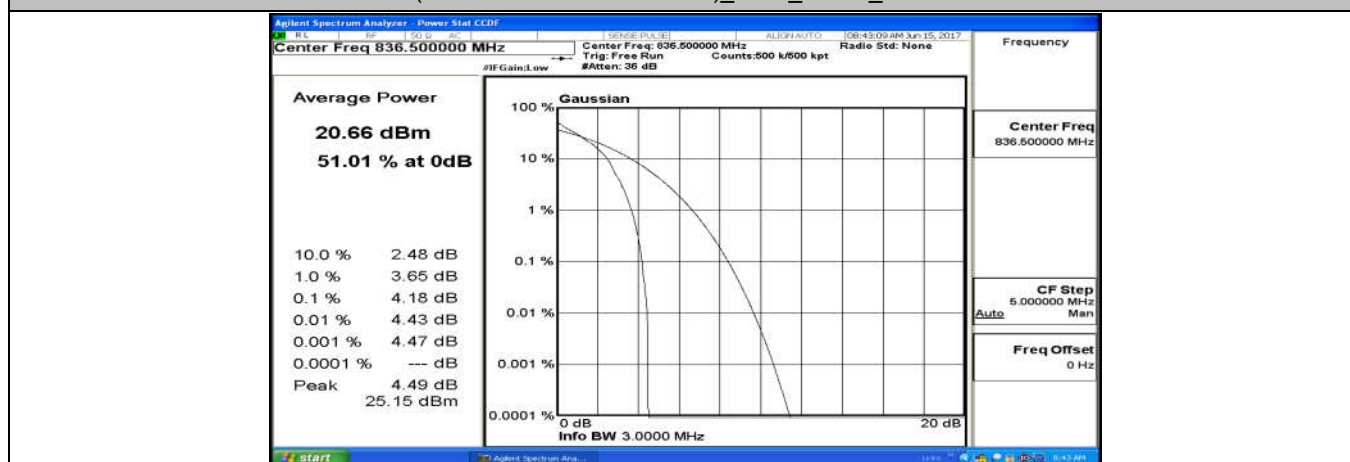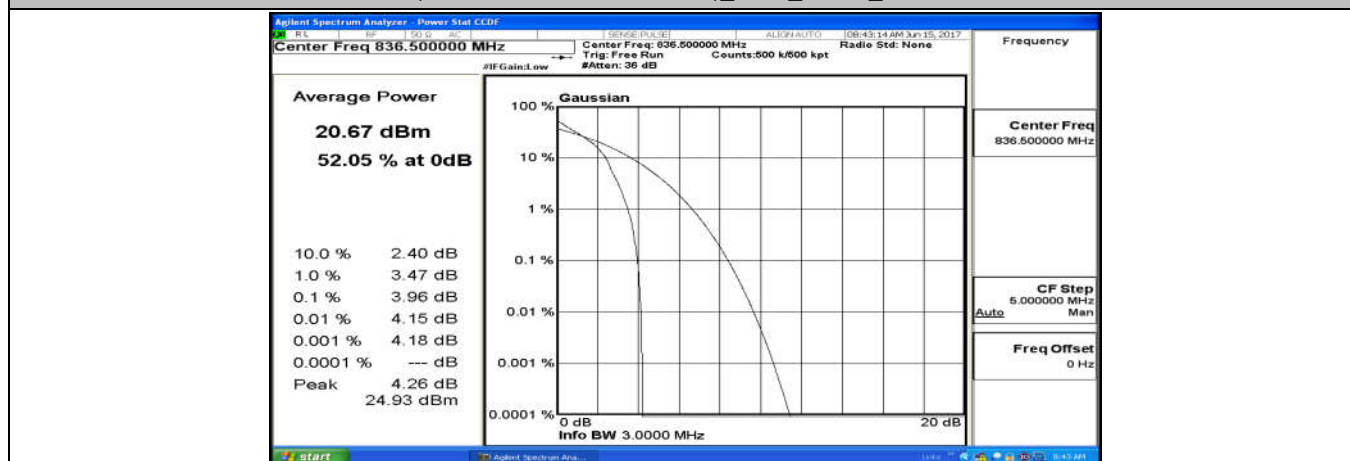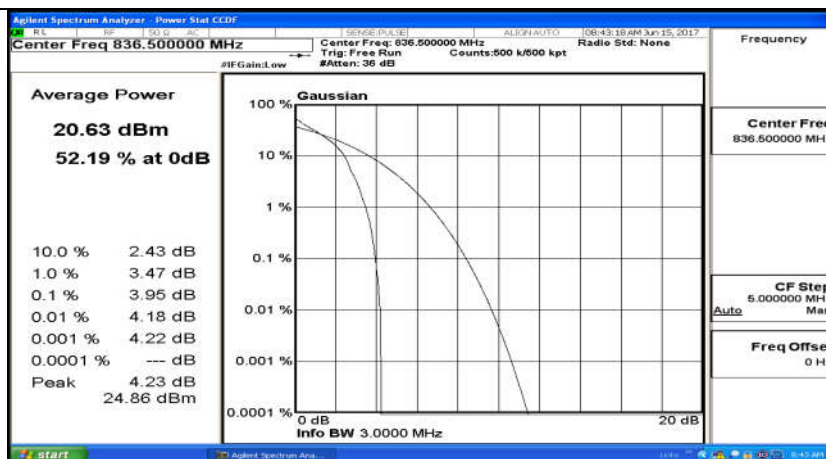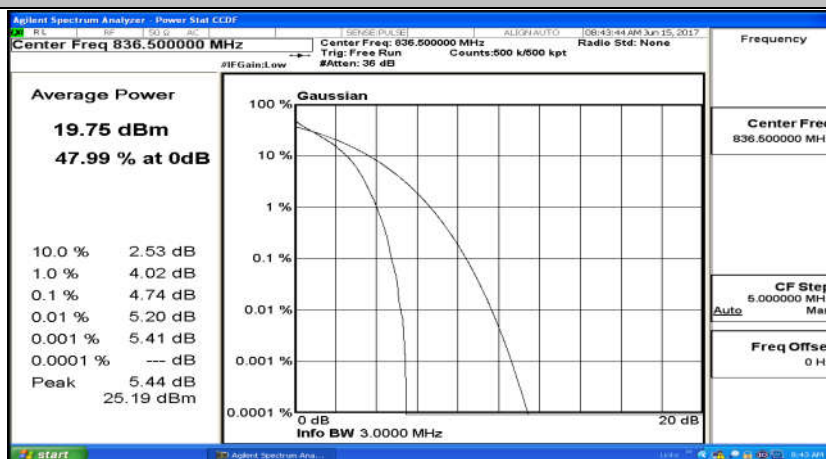

(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0
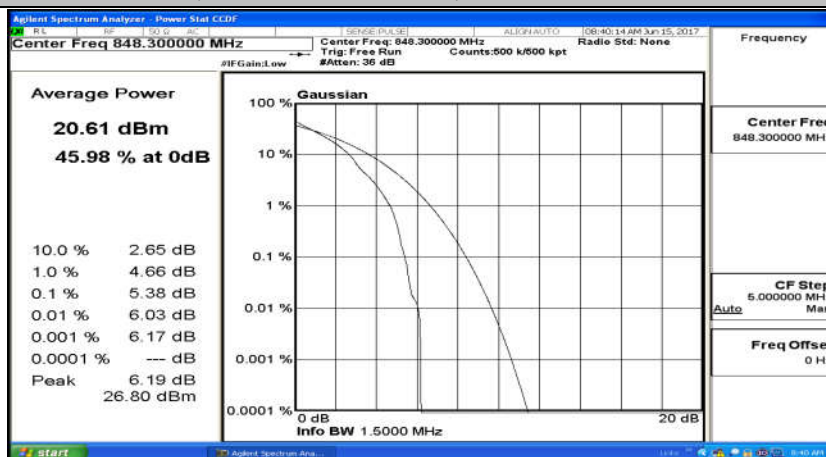
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3
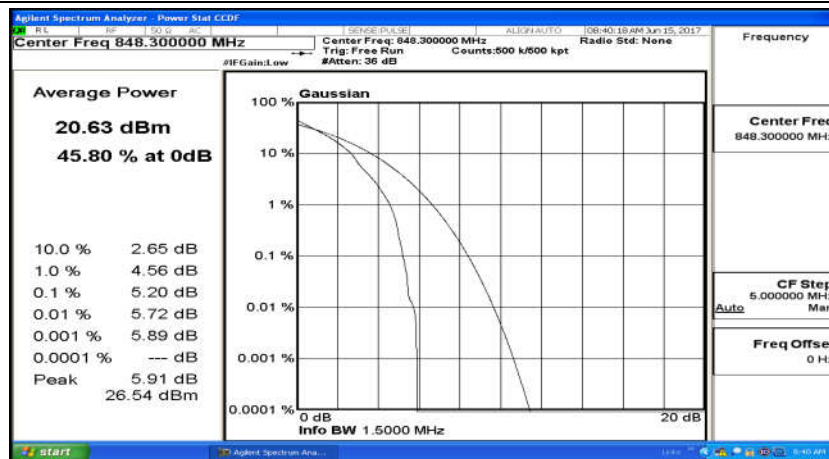
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5
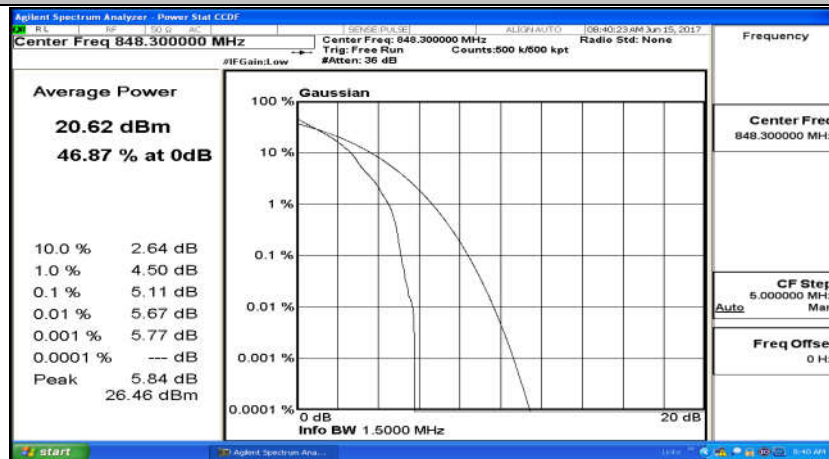
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0

(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2

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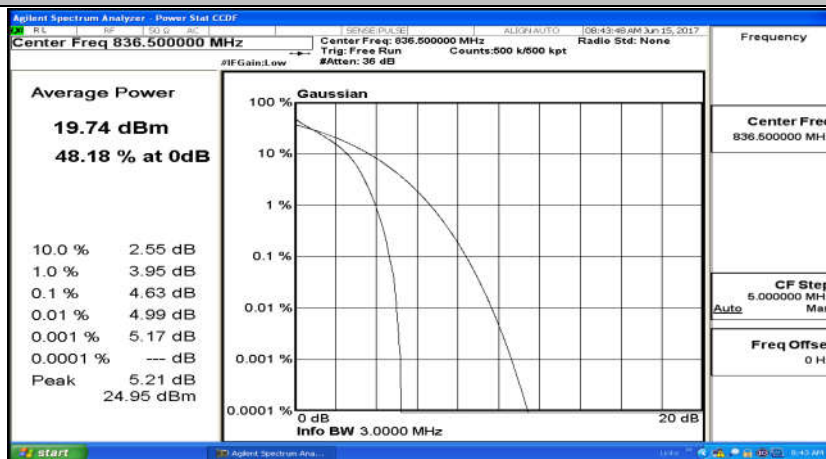
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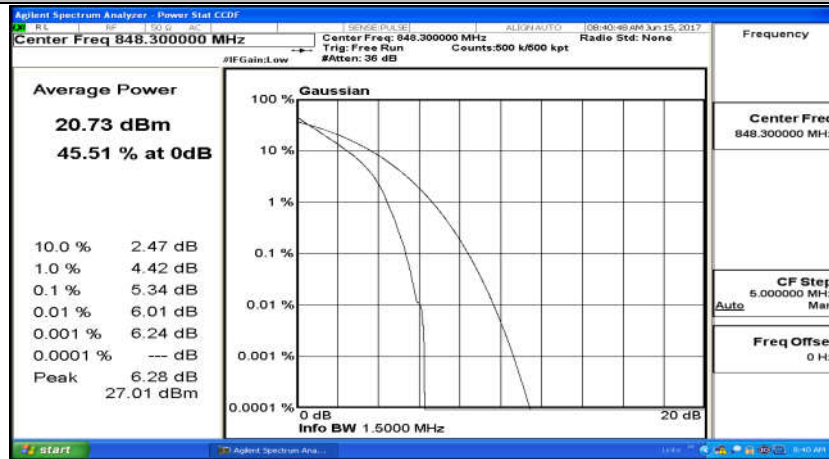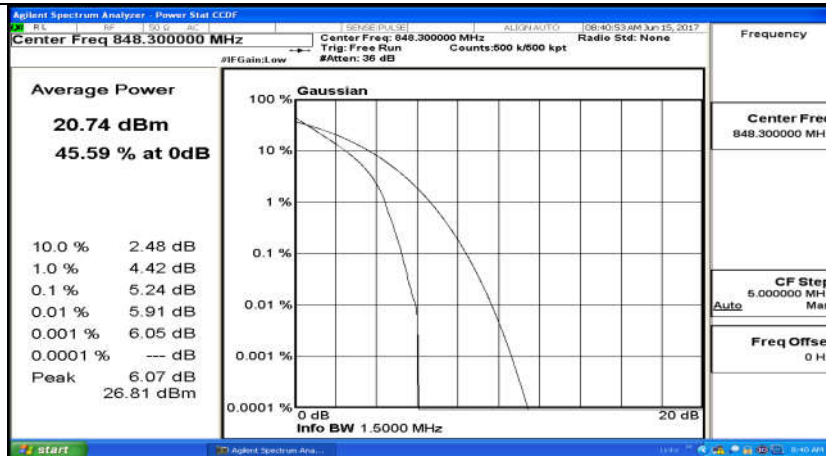
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3
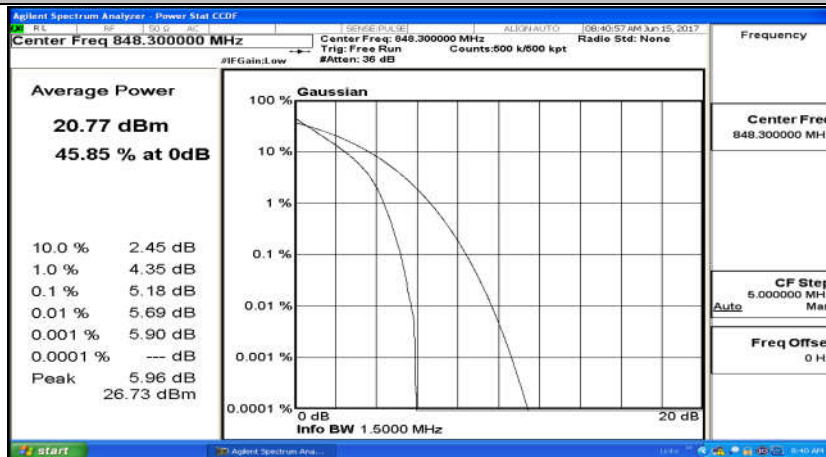
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0
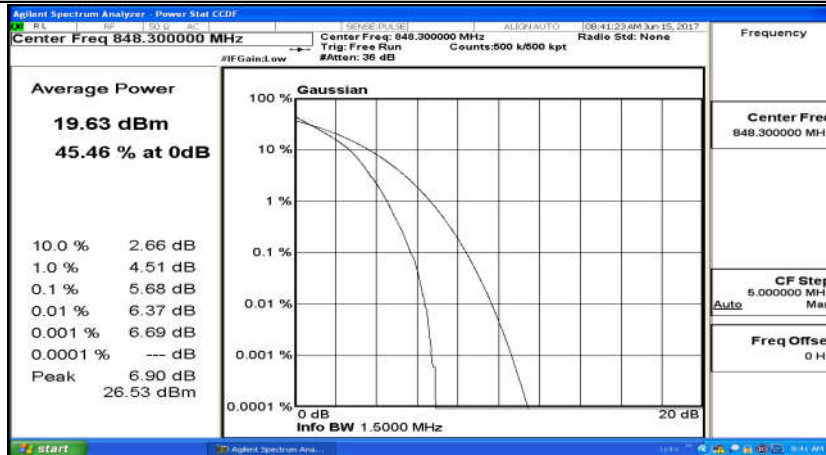
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0
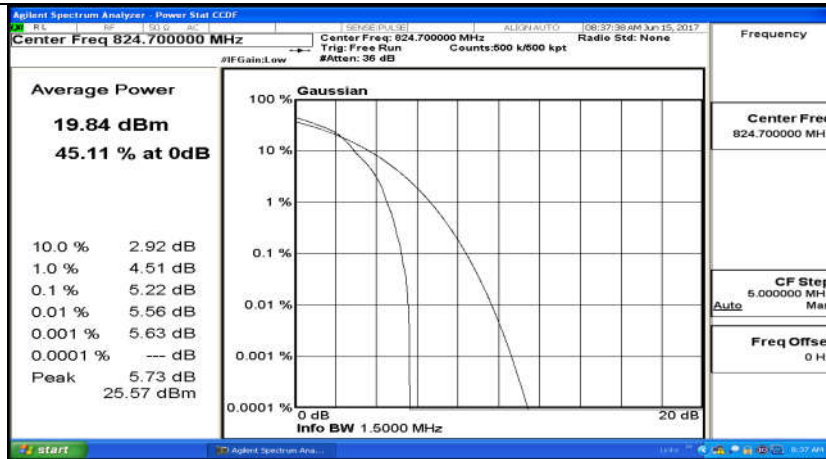
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3
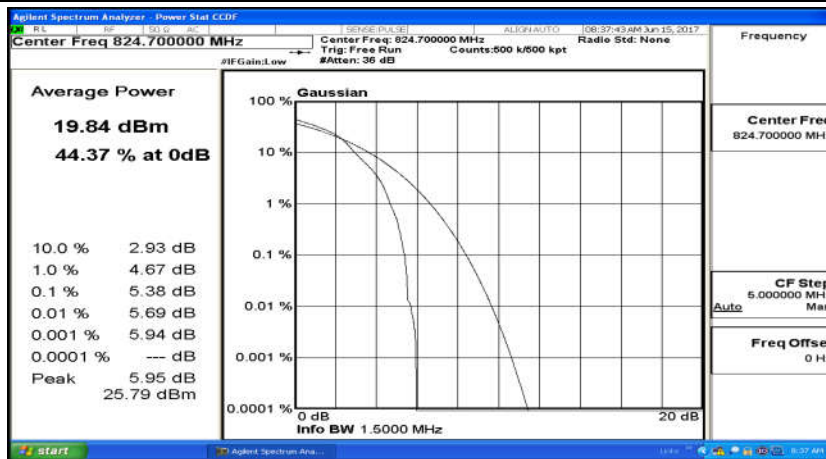
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5
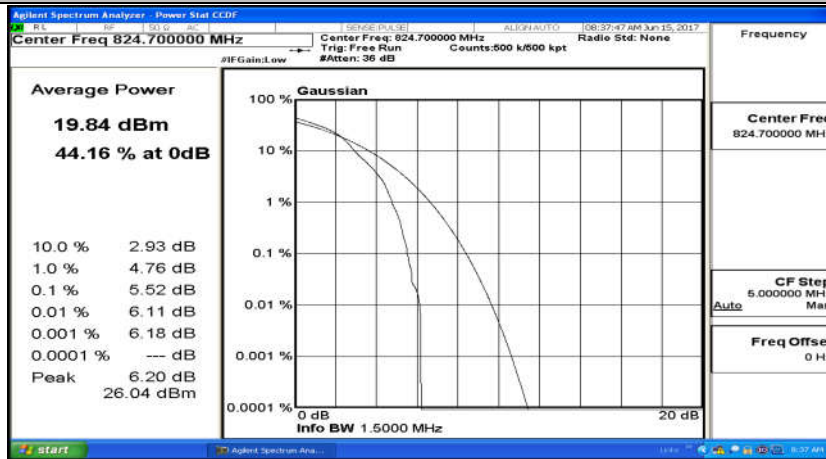
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0
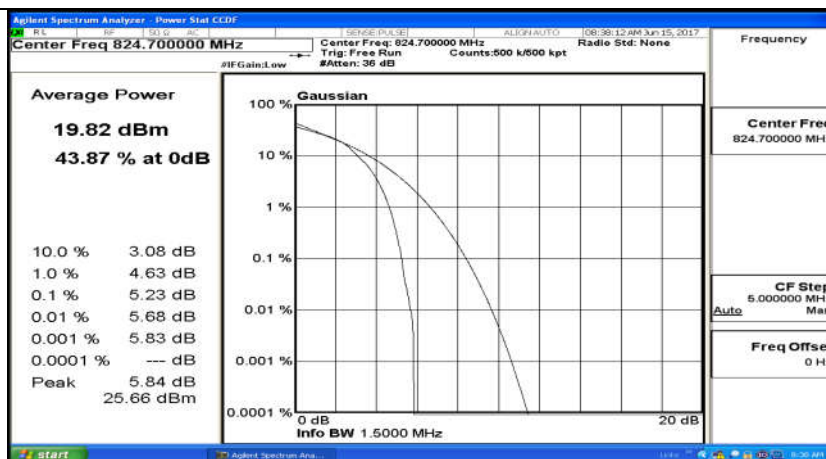
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2
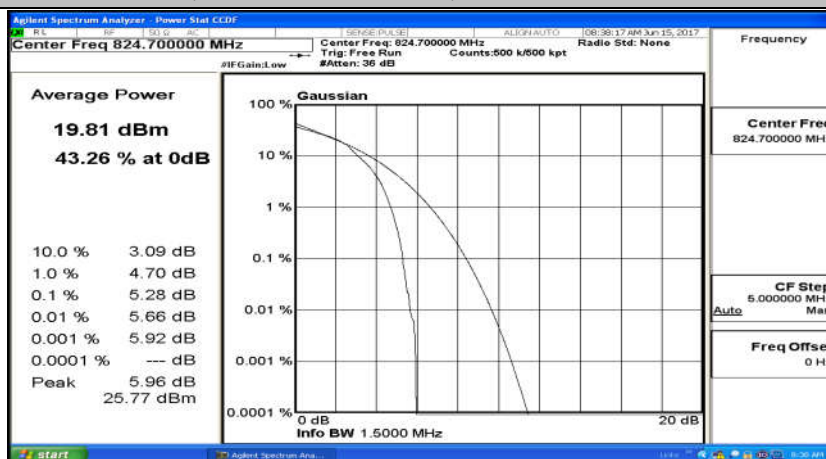
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3
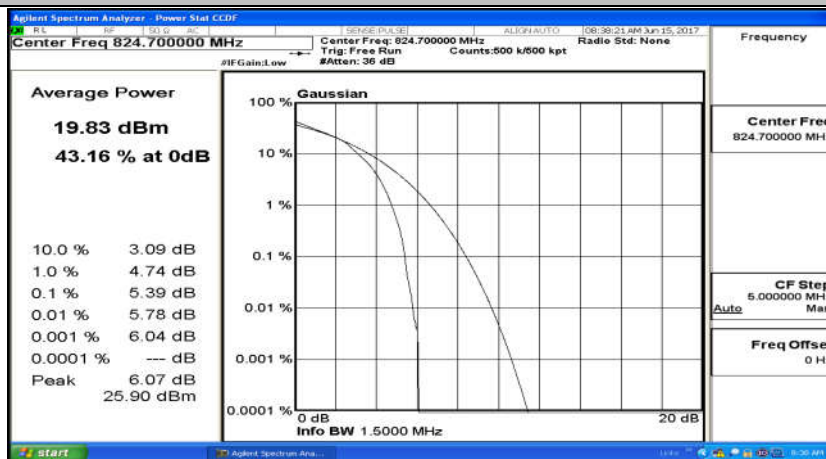
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0
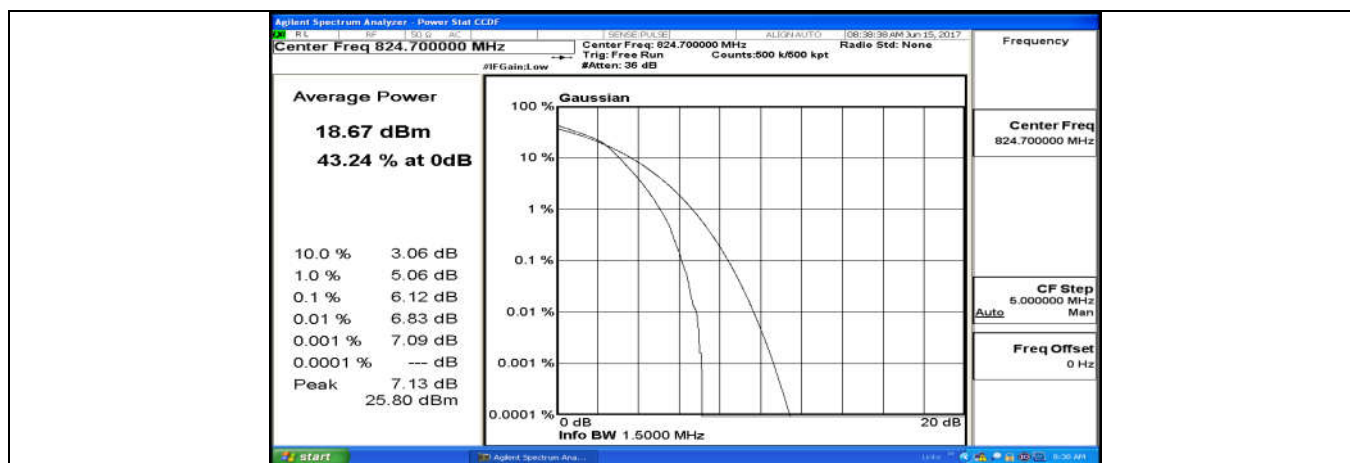
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0
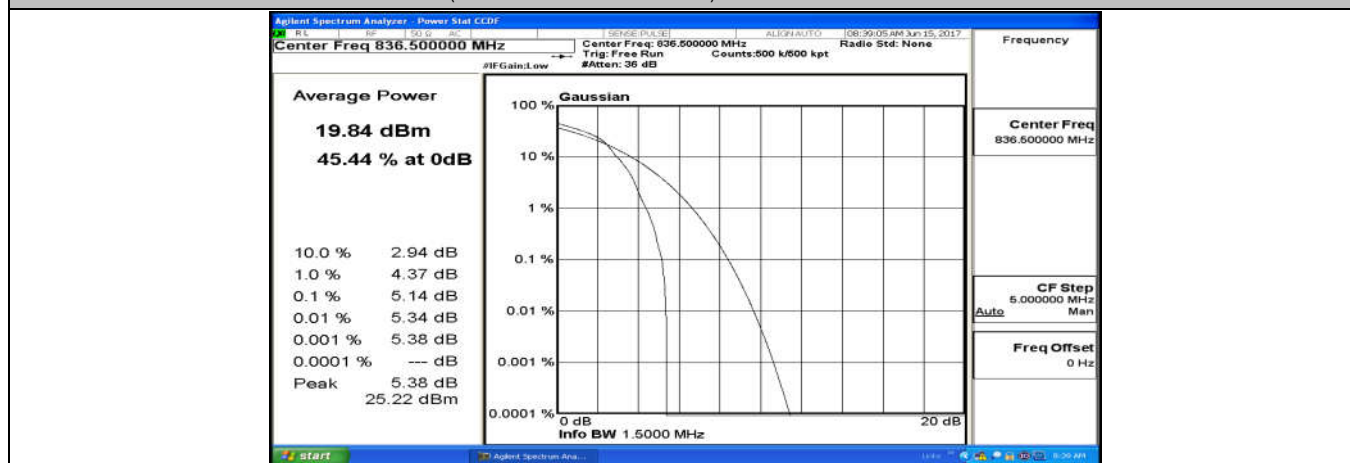
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3
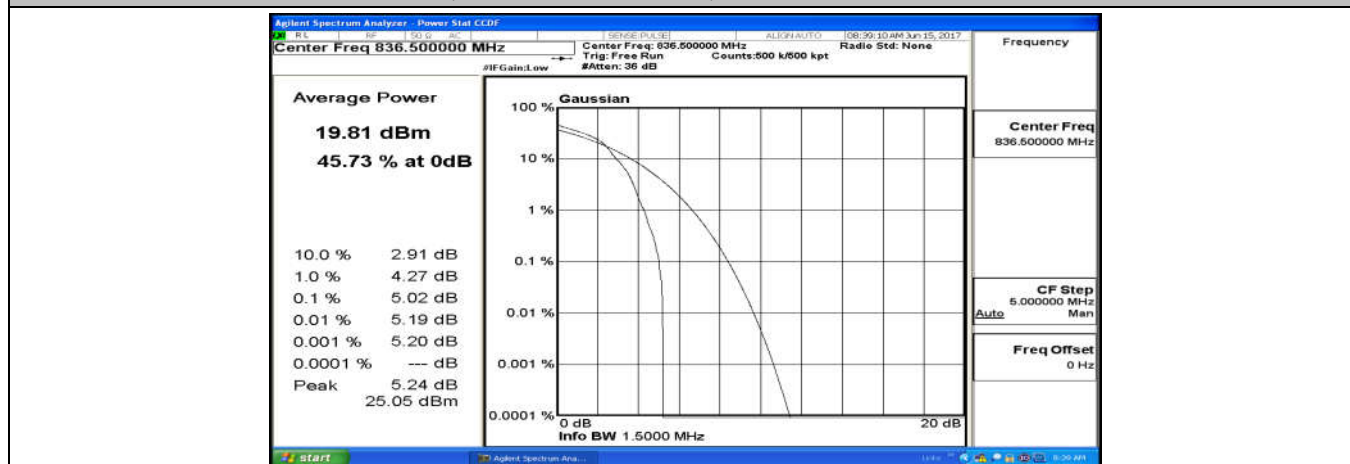
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5
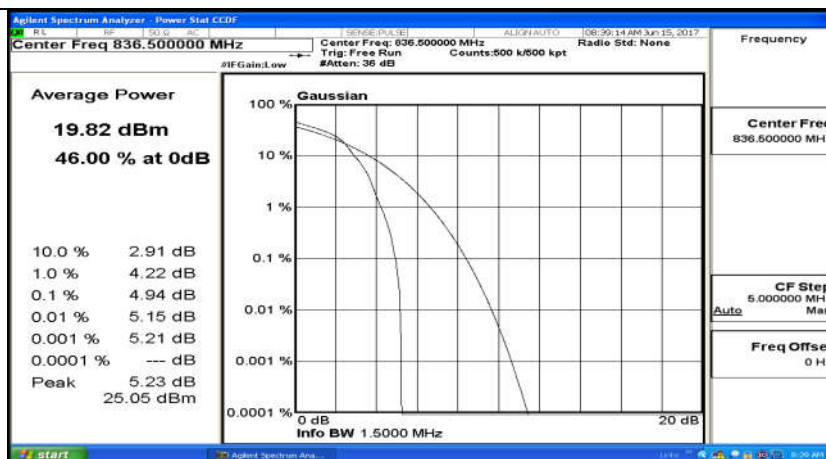
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0
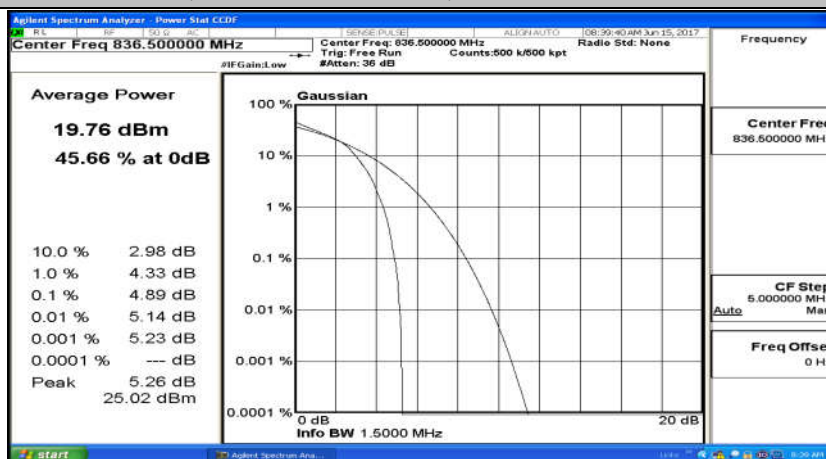
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2
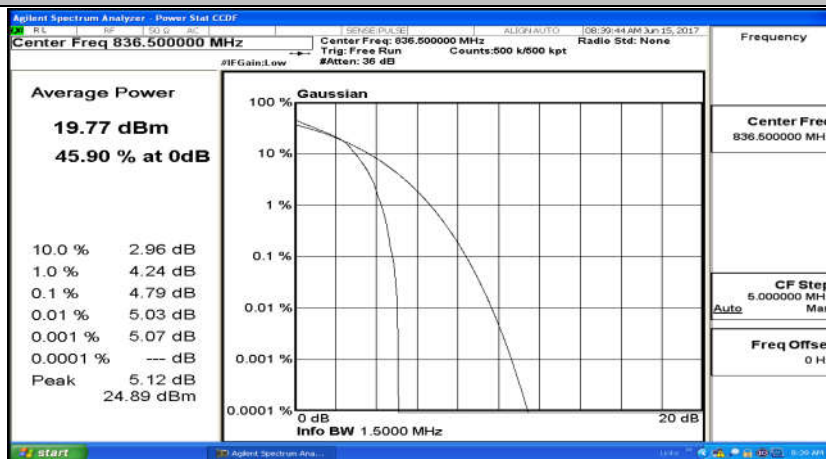
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3
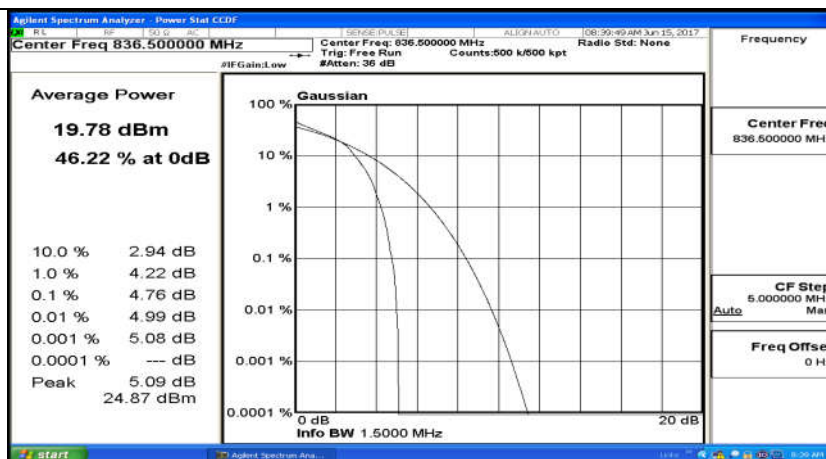
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0
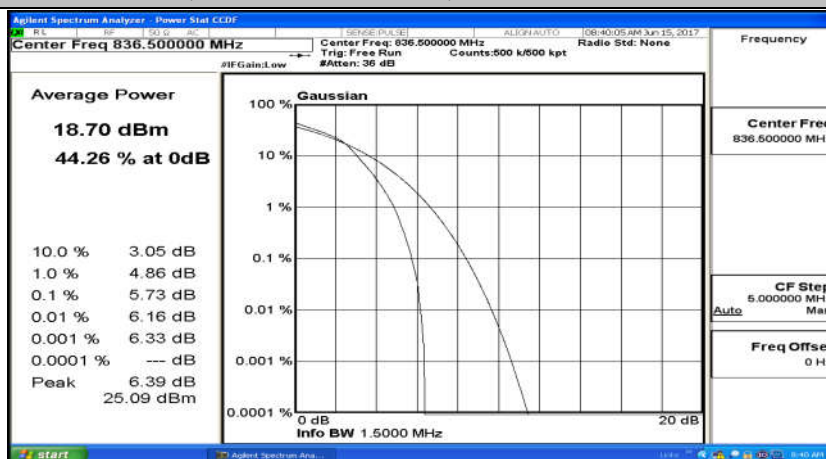
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0
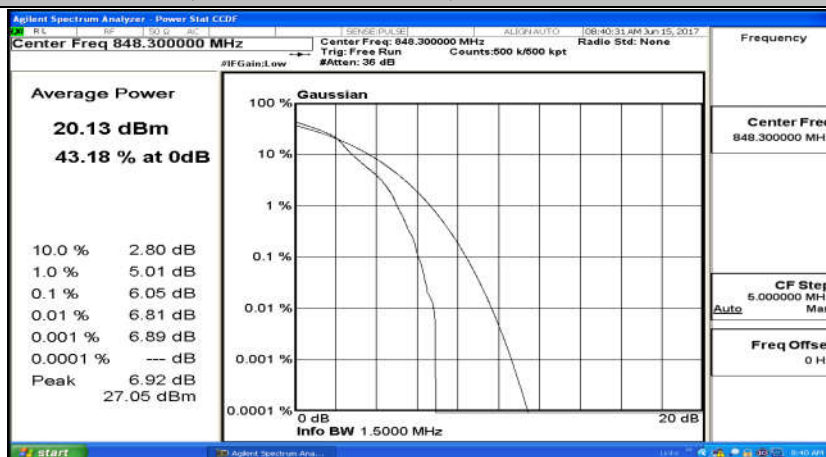
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3

(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

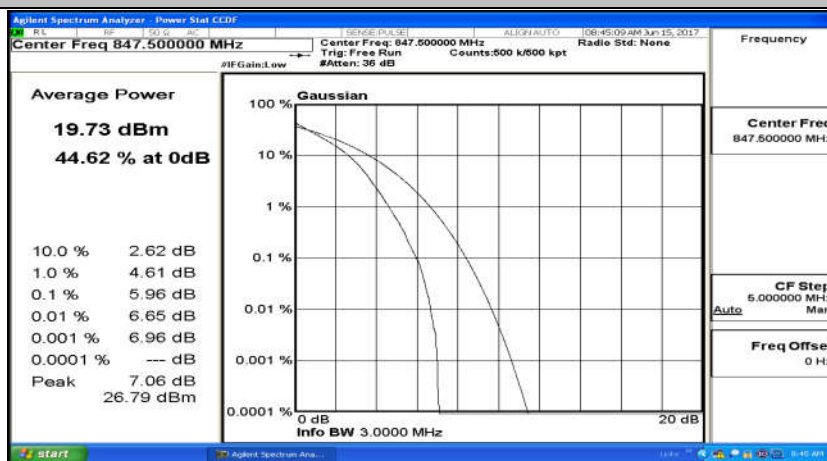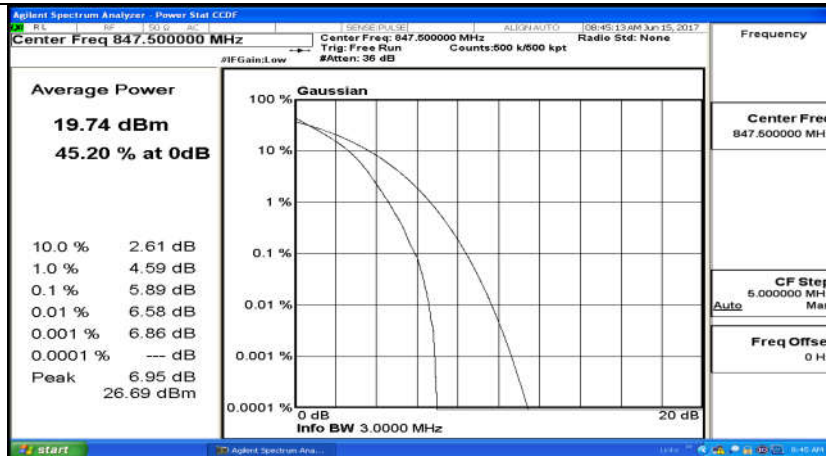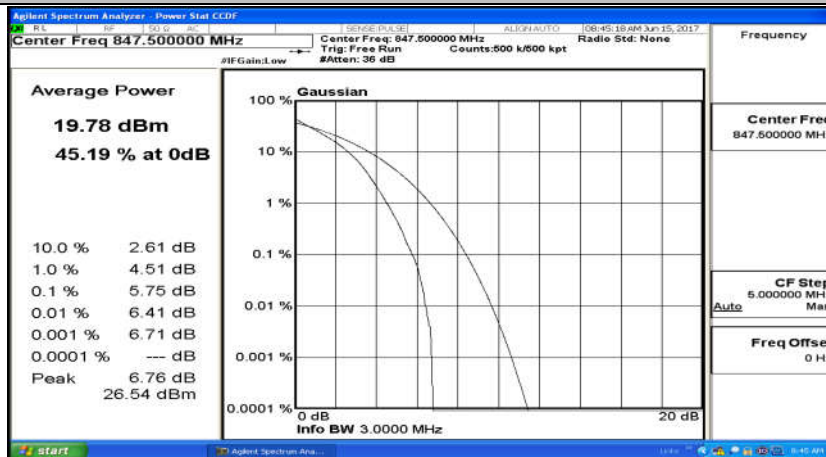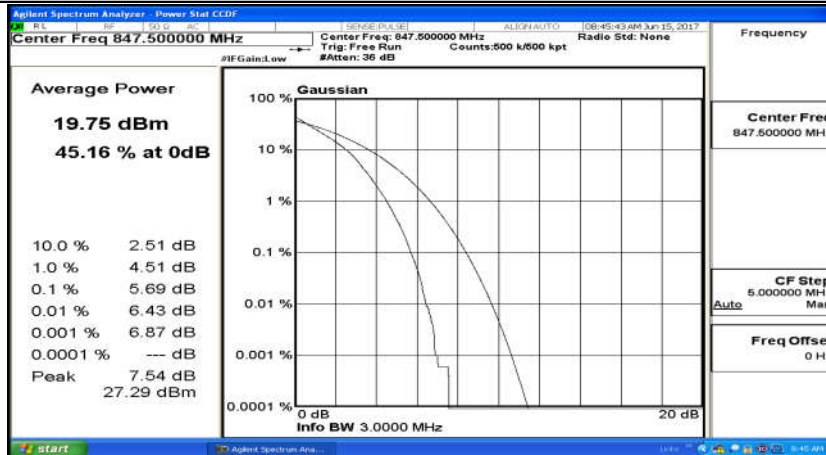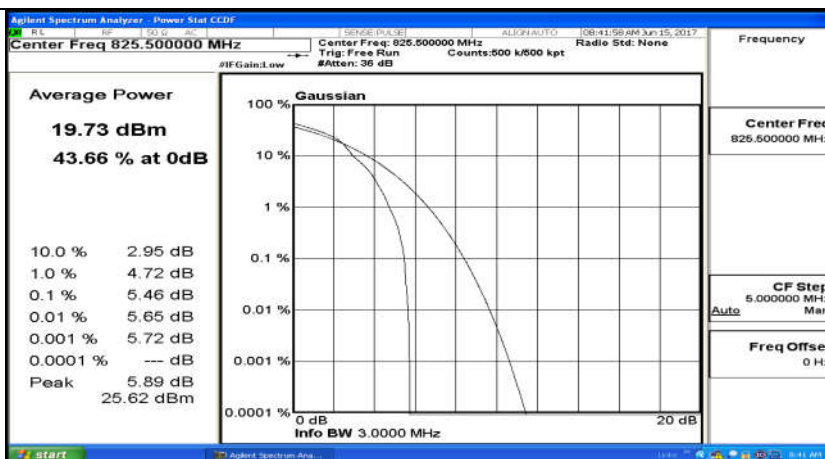(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0
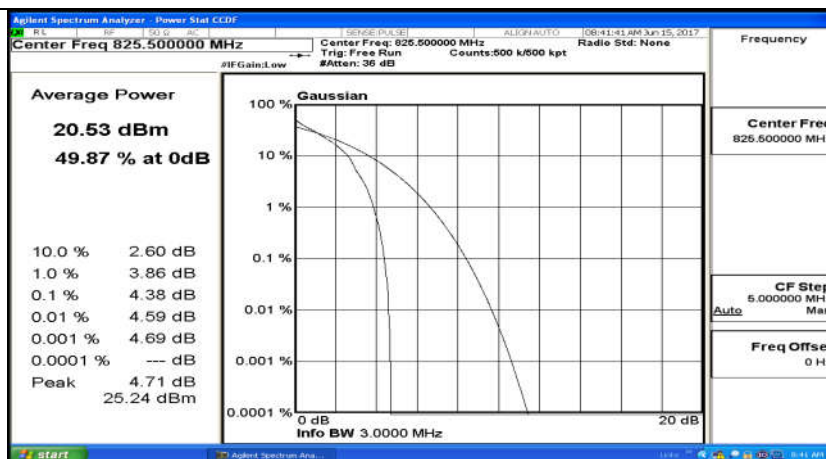
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7

(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14

(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0

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(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4
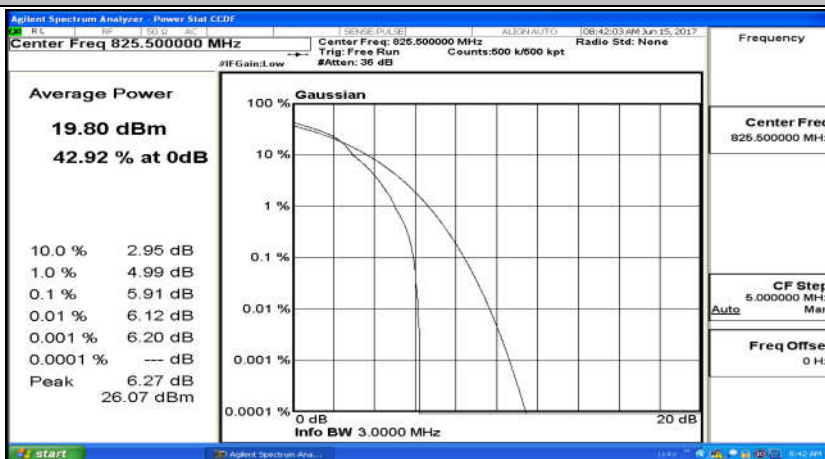

(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7

(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0

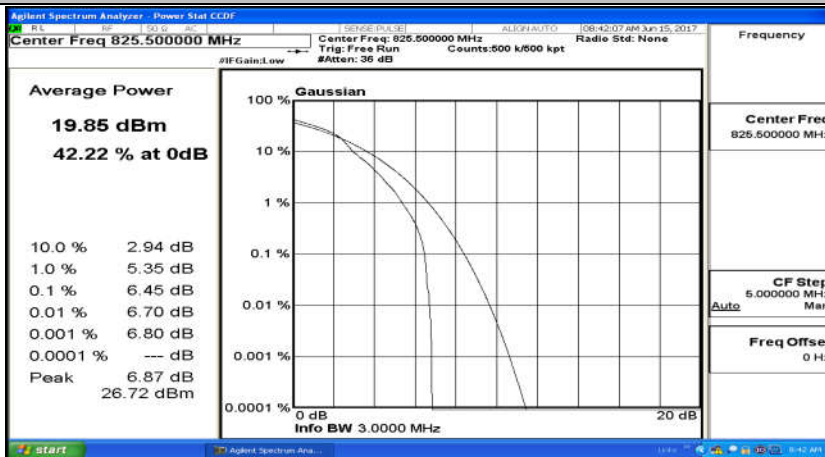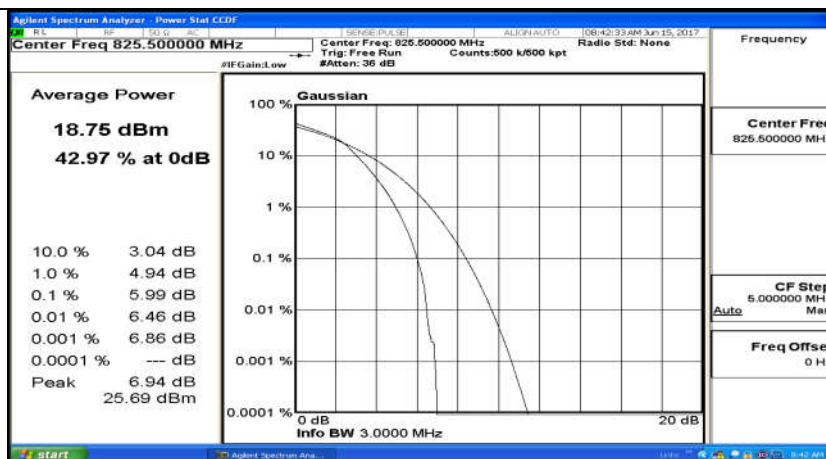(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0
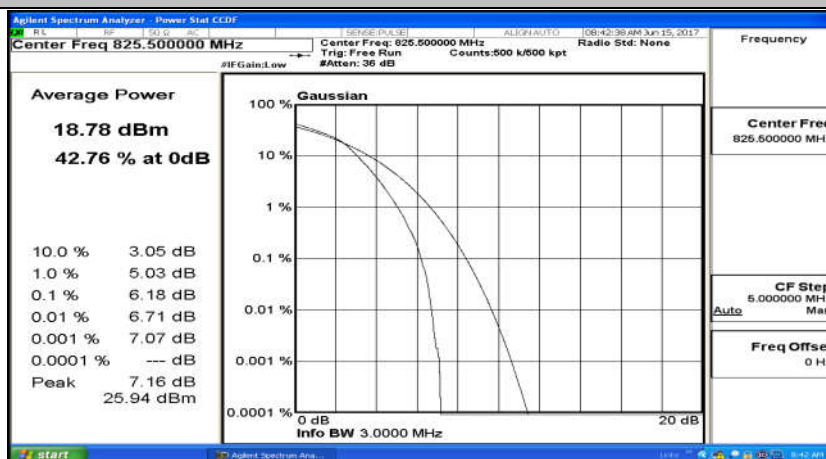

(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7
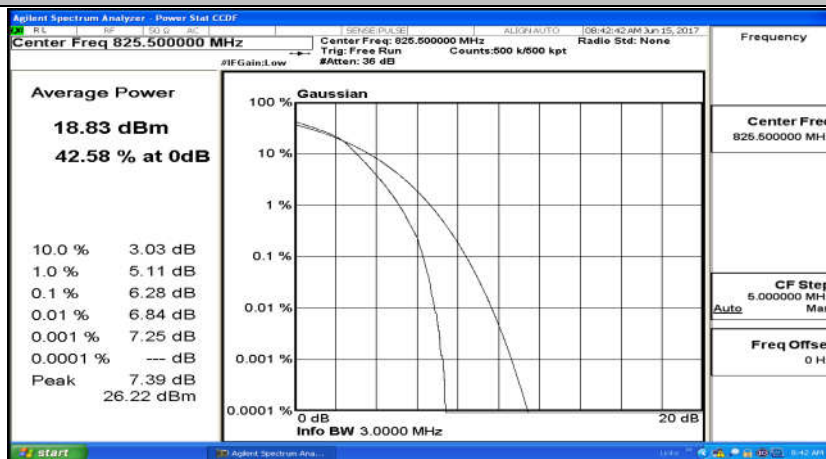

(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#0

(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#4

(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#7

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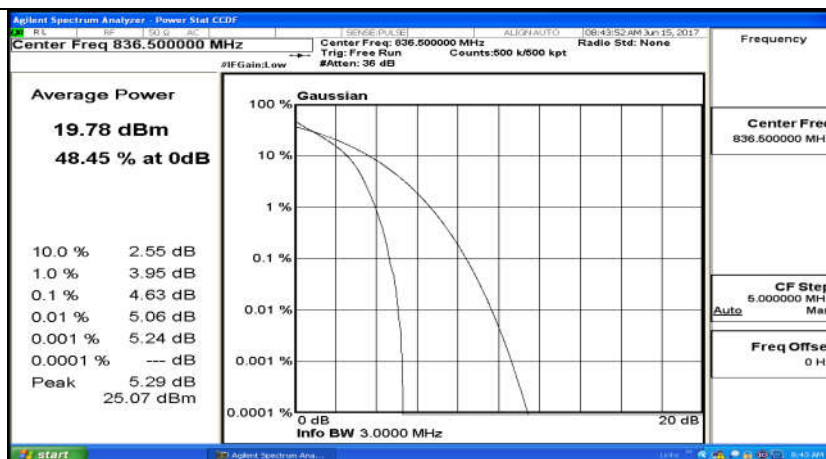
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0
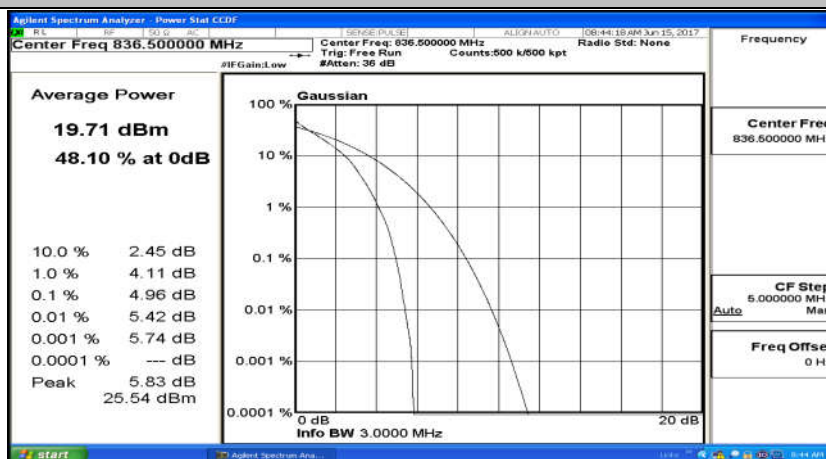
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0
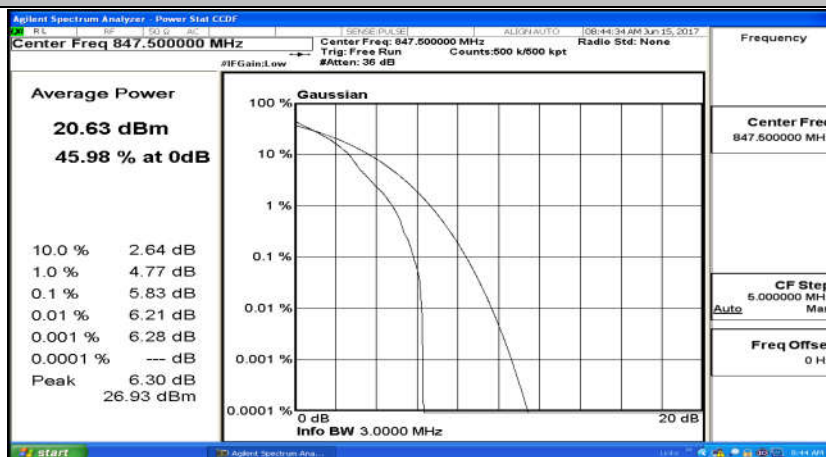
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7
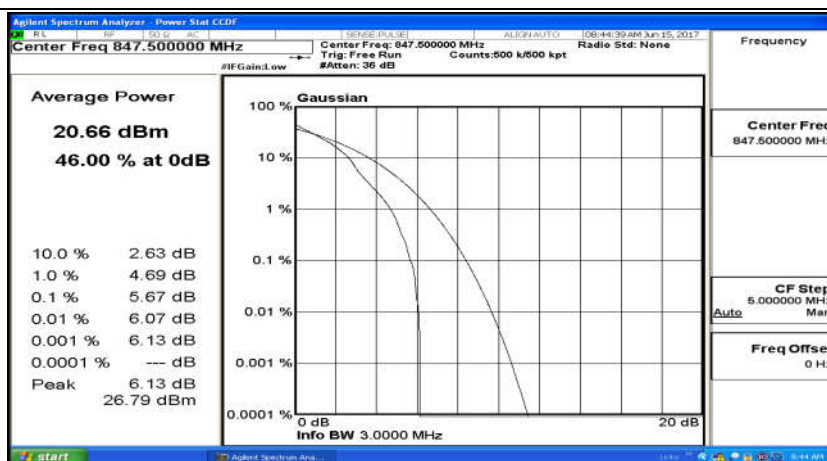
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14
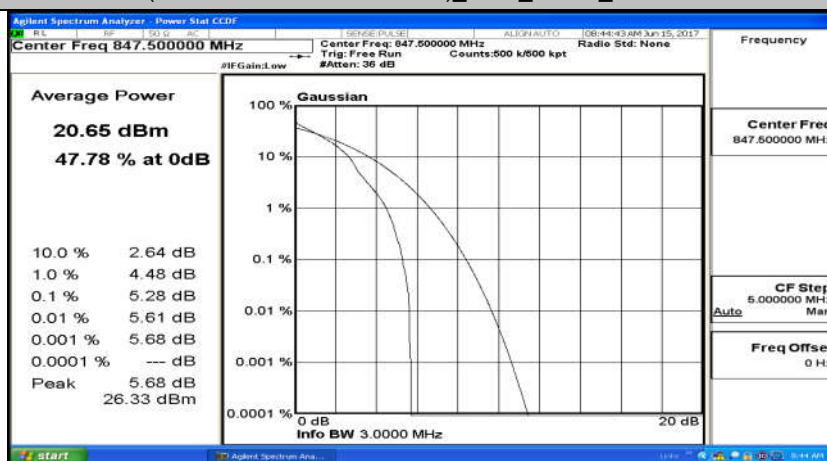
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0
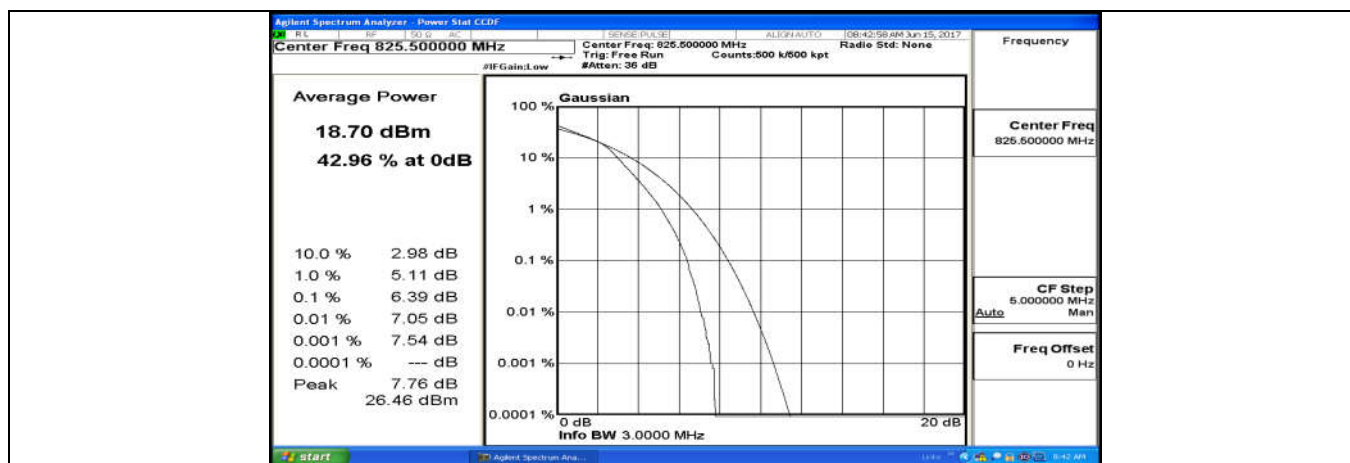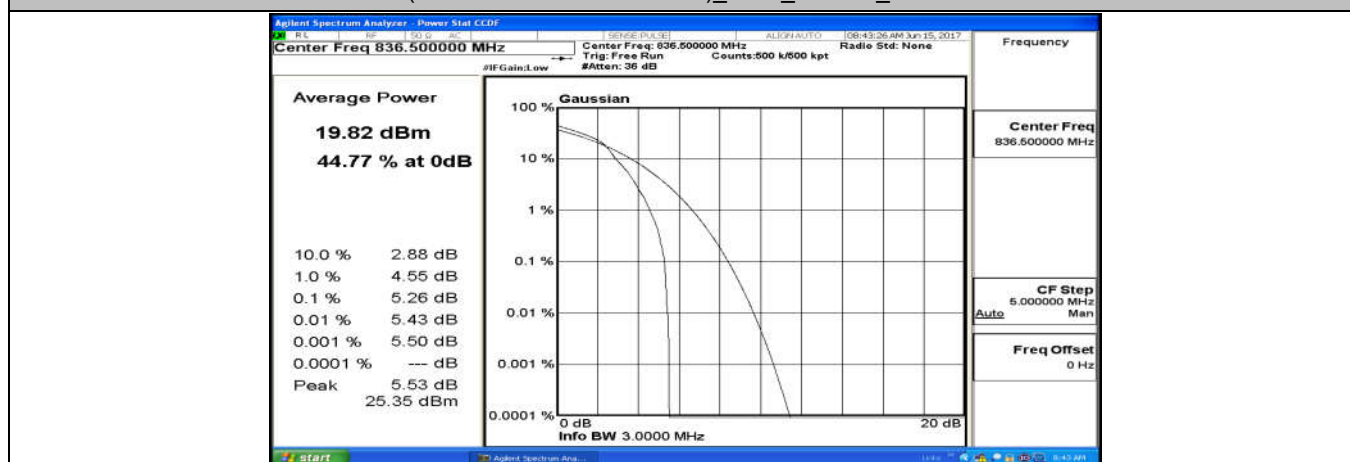

(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4

(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7

(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0

(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0

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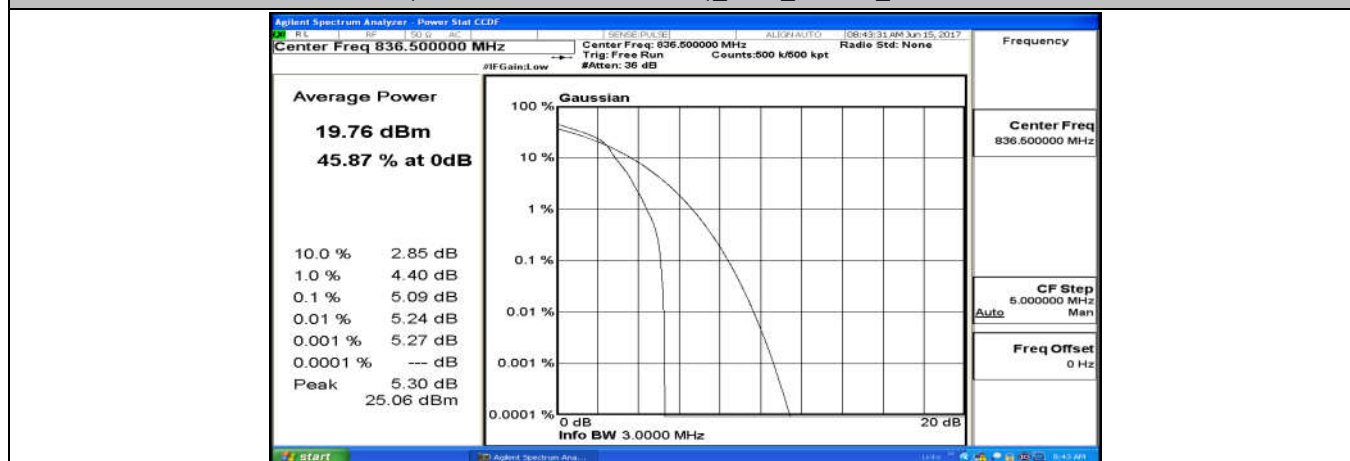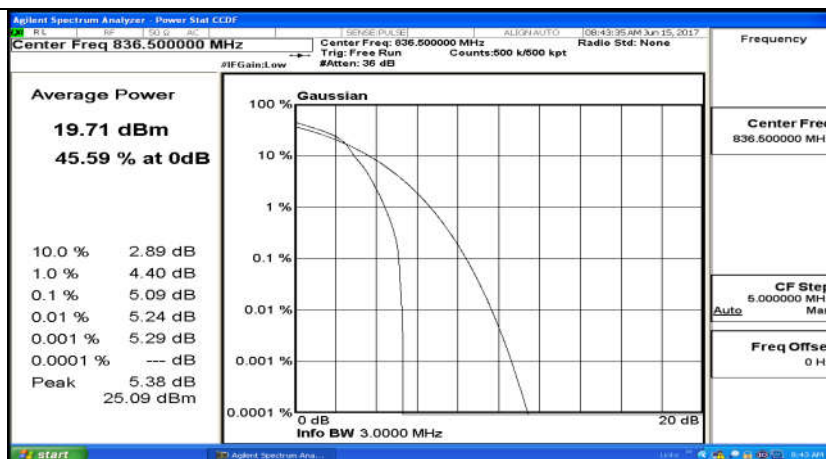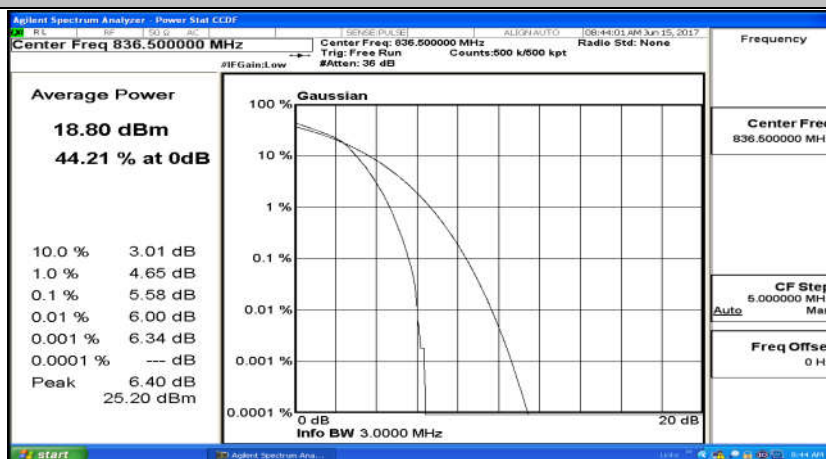
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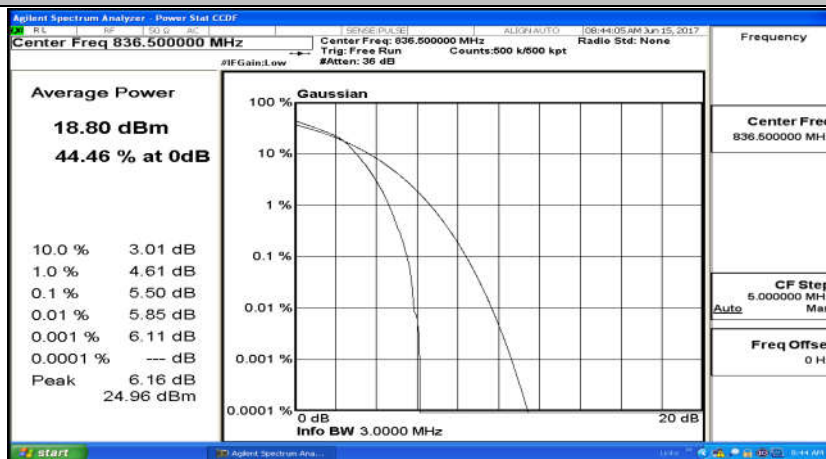(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7

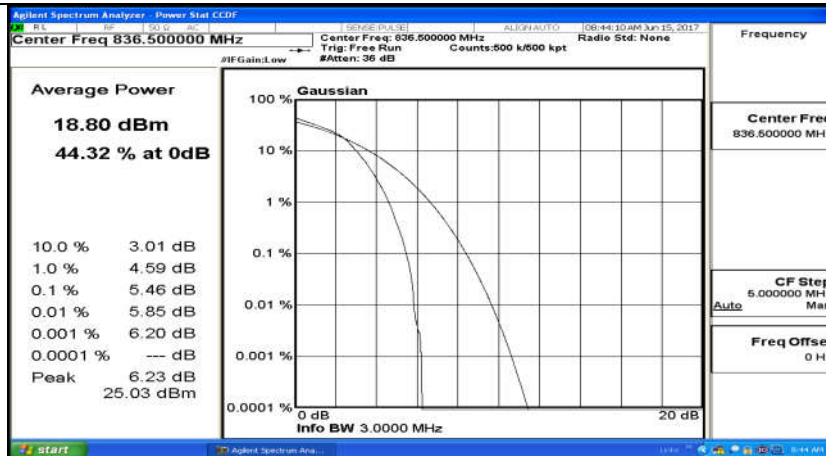(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14

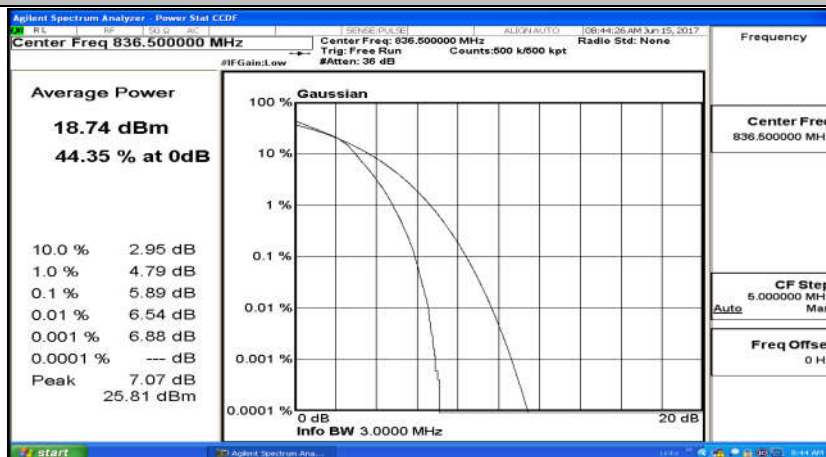(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0

(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4

(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7

(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0

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(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

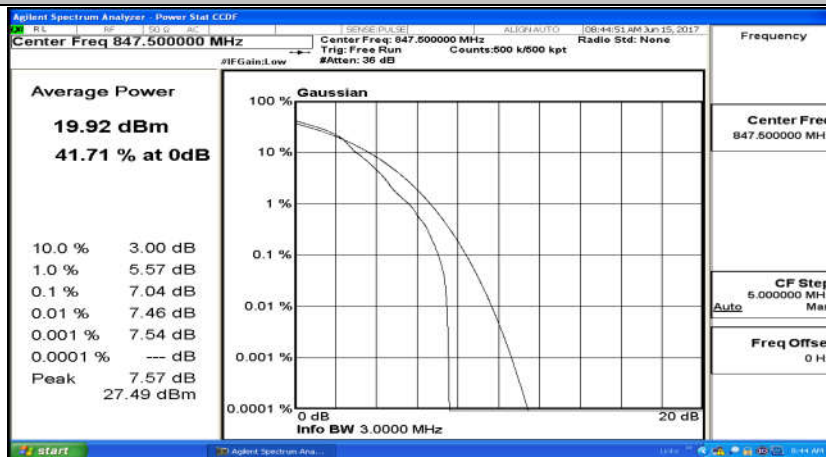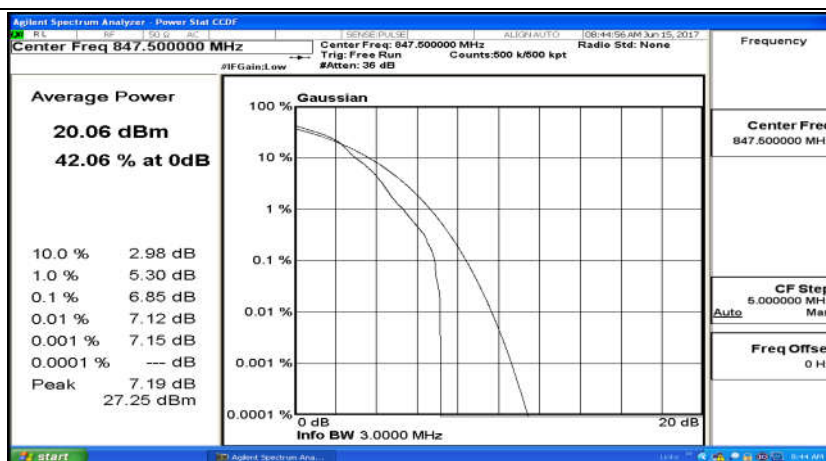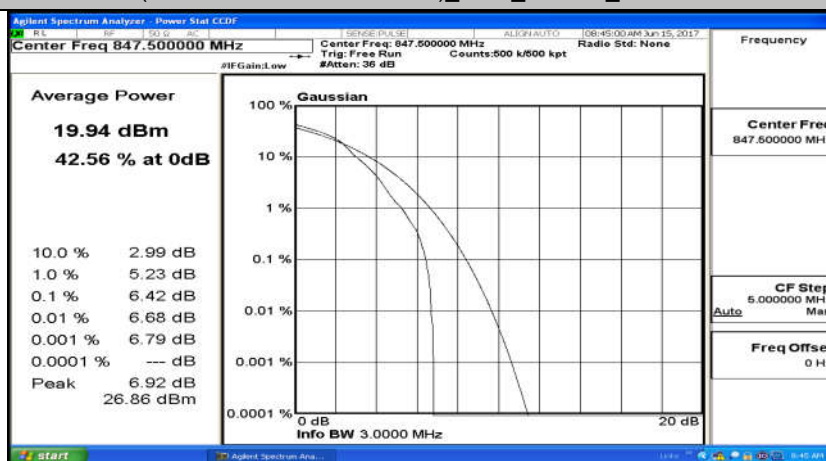

(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#4

(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#7

(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0

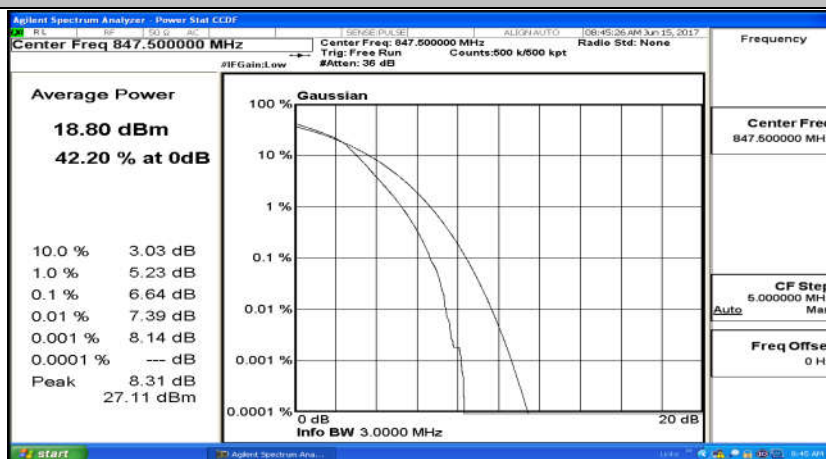(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0

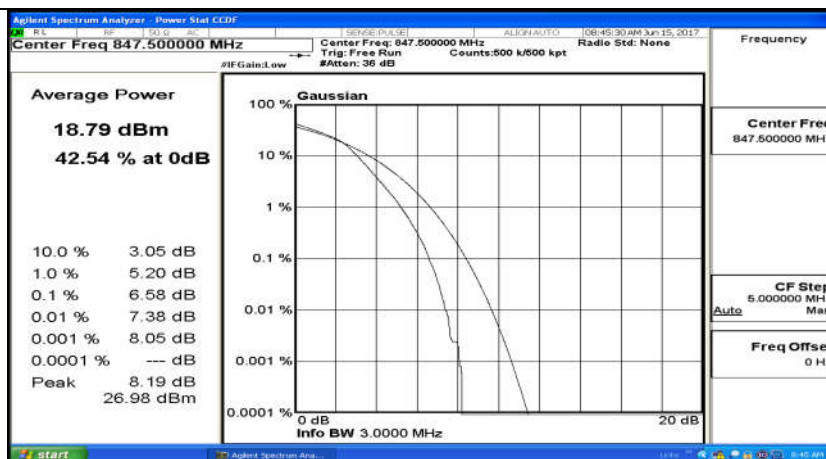(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7

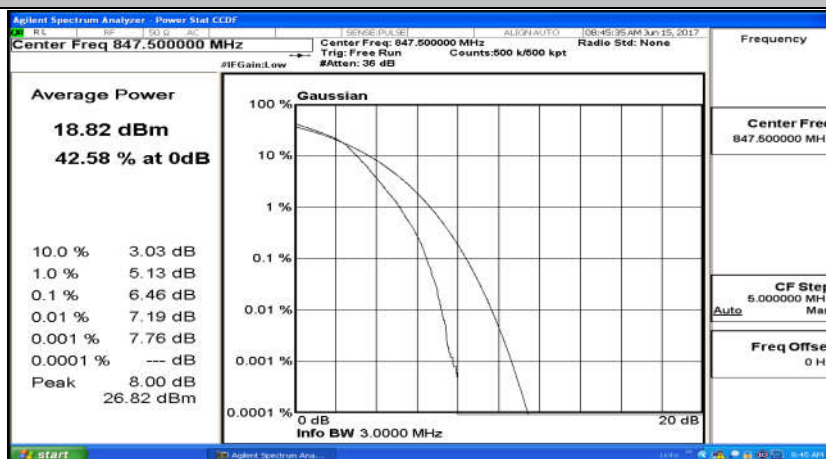(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14

(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