Appendix D: Test Data For E-UTRA Band 12

D.1: RF Output Power

Channel Bandwidth 1.4 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.R.P [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.95	18.00	PASS
		1	3	22.07	18.12	PASS
		1	5	21.99	18.02	PASS
		3	0	22.07	18.10	PASS
		3	2	22.10	18.14	PASS
		3	3	22.15	18.18	PASS
		6	0	21.06	17.10	PASS
	MCH	1	0	22.51	18.54	PASS
		1	3	22.60	18.64	PASS
		1	5	22.55	18.58	PASS
		3	0	22.59	18.63	PASS
		3	2	22.57	18.60	PASS
		3	3	22.62	18.65	PASS
		6	0	21.55	17.59	PASS
	HCH	1	0	22.23	18.27	PASS
		1	3	22.25	18.29	PASS
		1	5	22.13	18.17	PASS
		3	0	22.29	18.32	PASS
		3	2	22.25	18.29	PASS
		3	3	22.21	18.25	PASS
		6	0	21.29	17.33	PASS
16QAM	LCH	1	0	21.21	17.24	PASS
		1	3	21.44	17.48	PASS
		1	5	21.35	17.39	PASS
		3	0	21.21	17.25	PASS
		3	2	21.22	17.26	PASS
		3	3	21.27	17.30	PASS
		6	0	20.08	16.13	PASS
	MCH	1	0	21.85	17.88	PASS
		1	3	21.92	17.96	PASS
		1	5	21.86	17.90	PASS
		3	0	21.53	17.57	PASS
		3	2	21.56	17.61	PASS
		3	3	21.61	17.64	PASS
		6	0	20.49	16.54	PASS
	HCH	1	0	21.46	17.49	PASS
		1	3	21.55	17.58	PASS

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		1	5	21.34	17.37	PASS
		3	0	21.32	17.35	PASS
		3	2	21.25	17.29	PASS
		3	3	21.26	17.30	PASS
		6	0	20.42	16.46	PASS

Channel Bandwidth 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.R.P [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.92	17.96	PASS
		1	7	22.18	18.21	PASS
		1	14	22.16	18.20	PASS
		8	0	21.12	17.15	PASS
		8	4	21.24	17.27	PASS
		8	7	21.30	17.33	PASS
		15	0	21.22	17.25	PASS
	MCH	1	0	22.43	18.47	PASS
		1	7	22.62	18.66	PASS
		1	14	22.52	18.56	PASS
		8	0	21.64	17.68	PASS
		8	4	21.66	17.69	PASS
		8	7	21.68	17.71	PASS
		15	0	21.63	17.67	PASS
	HCH	1	0	22.30	18.34	PASS
		1	7	22.25	18.30	PASS
		1	14	22.01	18.06	PASS
		8	0	21.37	17.41	PASS
		8	4	21.30	17.34	PASS
		8	7	21.24	17.28	PASS
		15	0	21.25	17.29	PASS
16QAM	LCH	1	0	21.23	17.26	PASS
		1	7	21.55	17.59	PASS
		1	14	21.55	17.59	PASS
		8	0	20.25	16.28	PASS
		8	4	20.38	16.41	PASS
		8	7	20.41	16.46	PASS
		15	0	20.24	16.28	PASS
	MCH	1	0	21.71	17.75	PASS
		1	7	21.92	17.95	PASS
		1	14	21.81	17.84	PASS
		8	0	20.67	16.70	PASS
		8	4	20.71	16.75	PASS
		8	7	20.73	16.77	PASS
		15	0	20.57	16.61	PASS

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	HCH	1	0	21.74	17.77	PASS
		1	7	21.62	17.66	PASS
		1	14	21.34	17.39	PASS
		8	0	20.41	16.44	PASS
		8	4	20.29	16.33	PASS
		8	7	20.24	16.27	PASS
		15	0	20.31	16.34	PASS

Channel Bandwidth 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.R.P [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.06	18.09	PASS
		1	12	22.37	18.41	PASS
		1	24	22.45	18.49	PASS
		12	0	21.29	17.34	PASS
		12	6	21.40	17.44	PASS
		12	13	21.55	17.58	PASS
		25	0	21.35	17.38	PASS
	MCH	1	0	22.54	18.58	PASS
		1	12	22.56	18.59	PASS
		1	24	22.58	18.62	PASS
		12	0	21.68	17.72	PASS
		12	6	21.71	17.74	PASS
		12	13	21.52	17.57	PASS
		25	0	21.59	17.62	PASS
	HCH	1	0	22.54	18.57	PASS
		1	12	22.48	18.52	PASS
		1	24	22.12	18.16	PASS
		12	0	21.59	17.63	PASS
		12	6	21.46	17.51	PASS
		12	13	21.28	17.31	PASS
		25	0	21.42	17.47	PASS
16QAM	LCH	1	0	21.45	17.48	PASS
		1	12	21.82	17.86	PASS
		1	24	21.89	17.92	PASS
		12	0	20.48	16.51	PASS
		12	6	20.57	16.61	PASS
		12	13	20.77	16.81	PASS
		25	0	20.46	16.50	PASS
	MCH	1	0	21.92	17.96	PASS
		1	12	21.99	18.04	PASS
		1	24	21.98	18.02	PASS
		12	0	20.81	16.85	PASS
		12	6	20.83	16.86	PASS

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		12	13	20.71	16.75	PASS
		25	0	20.66	16.69	PASS
	HCH	1	0	21.62	17.66	PASS
		1	12	21.53	17.56	PASS
		1	24	21.04	17.08	PASS
		12	0	20.69	16.73	PASS
		12	6	20.57	16.61	PASS
		12	13	20.38	16.41	PASS
		25	0	20.53	16.57	PASS

Channel Bandwidth 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.R.P [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.03	18.07	PASS
		1	24	22.51	18.55	PASS
		1	49	22.49	18.53	PASS
		25	0	21.41	17.45	PASS
		25	12	21.59	17.62	PASS
		25	25	21.67	17.70	PASS
		50	0	21.55	17.59	PASS
	MCH	1	0	22.37	18.40	PASS
		1	24	22.46	18.49	PASS
		1	49	22.40	18.44	PASS
		25	0	21.60	17.65	PASS
		25	12	21.61	17.66	PASS
		25	25	21.51	17.56	PASS
		50	0	21.56	17.60	PASS
	HCH	1	0	22.61	18.65	PASS
		1	24	22.49	18.53	PASS
		1	49	22.10	18.14	PASS
		25	0	21.62	17.66	PASS
		25	12	21.53	17.57	PASS
		25	25	21.43	17.46	PASS
		50	0	21.55	17.58	PASS
16QAM	LCH	1	0	21.33	17.37	PASS
		1	24	21.84	17.88	PASS
		1	49	21.85	17.88	PASS
		25	0	20.48	16.52	PASS
		25	12	20.64	16.67	PASS
		25	25	20.70	16.73	PASS
		50	0	20.58	16.62	PASS
	MCH	1	0	21.76	17.81	PASS
		1	24	21.81	17.85	PASS
		1	49	21.81	17.85	PASS

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		25	0	20.66	16.70	PASS
		25	12	20.66	16.71	PASS
		25	25	20.57	16.61	PASS
		50	0	20.57	16.61	PASS
	HCH	1	0	21.98	18.01	PASS
		1	24	21.92	17.95	PASS
		1	49	21.43	17.46	PASS
		25	0	20.70	16.74	PASS
		25	12	20.62	16.66	PASS
		25	25	20.52	16.57	PASS
		50	0	20.65	16.68	PASS

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D.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	4.05	<13	PASS
		1	3	4.11	<13	PASS
		1	5	4.2	<13	PASS
		3	0	4.23	<13	PASS
		3	2	4.33	<13	PASS
		3	3	4.37	<13	PASS
		6	0	5.43	<13	PASS
	MCH	1	0	3.76	<13	PASS
		1	3	3.69	<13	PASS
		1	5	3.76	<13	PASS
		3	0	3.86	<13	PASS
		3	2	3.86	<13	PASS
		3	3	3.86	<13	PASS
		6	0	4.97	<13	PASS
	HCH	1	0	3.5	<13	PASS
		1	3	3.42	<13	PASS
		1	5	3.47	<13	PASS
		3	0	3.61	<13	PASS
		3	2	3.56	<13	PASS
		3	3	3.59	<13	PASS
		6	0	4.68	<13	PASS
16QAM	LCH	1	0	5.13	<13	PASS
		1	3	5.17	<13	PASS
		1	5	5.31	<13	PASS
		3	0	5.06	<13	PASS
		3	2	5.19	<13	PASS
		3	3	5.21	<13	PASS
		6	0	6.17	<13	PASS
	MCH	1	0	4.87	<13	PASS
		1	3	4.81	<13	PASS
		1	5	4.87	<13	PASS
		3	0	4.7	<13	PASS
		3	2	4.76	<13	PASS
		3	3	4.72	<13	PASS
		6	0	5.77	<13	PASS
	HCH	1	0	4.59	<13	PASS
		1	3	4.5	<13	PASS
		1	5	4.6	<13	PASS

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		3	0	4.36	<13	PASS
		3	2	4.31	<13	PASS
		3	3	4.3	<13	PASS
		6	0	5.49	<13	PASS

Channel Bandwidth 3 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict
		Size	Offset	[dB]	[dB]	
QPSK	LCH	1	0	4.06	<13	PASS
		1	7	4.19	<13	PASS
		1	14	4.31	<13	PASS
		8	0	5.37	<13	PASS
		8	4	5.54	<13	PASS
		8	7	5.62	<13	PASS
		15	0	5.65	<13	PASS
	MCH	1	0	3.8	<13	PASS
		1	7	3.75	<13	PASS
		1	14	3.9	<13	PASS
		8	0	4.87	<13	PASS
		8	4	4.84	<13	PASS
		8	7	4.94	<13	PASS
		15	0	5.2	<13	PASS
	HCH	1	0	3.97	<13	PASS
		1	7	3.56	<13	PASS
		1	14	3.47	<13	PASS
		8	0	5.04	<13	PASS
		8	4	4.69	<13	PASS
		8	7	4.6	<13	PASS
		15	0	5.19	<13	PASS
16QAM	LCH	1	0	5.17	<13	PASS
		1	7	5.37	<13	PASS
		1	14	5.53	<13	PASS
		8	0	6.02	<13	PASS
		8	4	6.21	<13	PASS
		8	7	6.37	<13	PASS
		15	0	6.54	<13	PASS
	MCH	1	0	4.9	<13	PASS
		1	7	4.86	<13	PASS
		1	14	5.06	<13	PASS
		8	0	5.6	<13	PASS
		8	4	5.57	<13	PASS
		8	7	5.65	<13	PASS
		15	0	6.04	<13	PASS

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	HCH	1	0	5.14	<13	PASS
		1	7	4.72	<13	PASS
		1	14	4.61	<13	PASS
		8	0	5.8	<13	PASS
		8	4	5.54	<13	PASS
		8	7	5.38	<13	PASS
		15	0	5.94	<13	PASS

Channel Bandwidth 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.97	<13	PASS
		1	12	4.23	<13	PASS
		1	24	3.99	<13	PASS
		12	0	5.43	<13	PASS
		12	6	5.65	<13	PASS
		12	13	5.58	<13	PASS
		25	0	5.73	<13	PASS
	MCH	1	0	3.74	<13	PASS
		1	12	3.83	<13	PASS
		1	24	3.95	<13	PASS
		12	0	4.84	<13	PASS
		12	6	4.78	<13	PASS
		12	13	5.17	<13	PASS
		25	0	5.29	<13	PASS
	HCH	1	0	4.14	<13	PASS
		1	12	3.84	<13	PASS
		1	24	3.46	<13	PASS
		12	0	5.47	<13	PASS
		12	6	5.13	<13	PASS
		12	13	4.74	<13	PASS
		25	0	5.34	<13	PASS
16QAM	LCH	1	0	5.09	<13	PASS
		1	12	5.45	<13	PASS
		1	24	5.22	<13	PASS
		12	0	6.18	<13	PASS
		12	6	6.48	<13	PASS
		12	13	6.41	<13	PASS
		25	0	6.49	<13	PASS
	MCH	1	0	4.9	<13	PASS
		1	12	4.85	<13	PASS
		1	24	5.1	<13	PASS
		12	0	5.67	<13	PASS

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		12	6	5.63	<13	PASS
		12	13	5.94	<13	PASS
		25	0	6.05	<13	PASS
	HCH	1	0	5.07	<13	PASS
		1	12	4.8	<13	PASS
		1	24	4.39	<13	PASS
		12	0	6.33	<13	PASS
		12	6	6.04	<13	PASS
		12	13	5.65	<13	PASS
		25	0	6.16	<13	PASS

Channel Bandwidth 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict
		Size	Offset	[dB]	[dB]	
QPSK	LCH	1	0	4.08	<13	PASS
		1	24	3.97	<13	PASS
		1	49	3.92	<13	PASS
		25	0	5.62	<13	PASS
		25	12	5.41	<13	PASS
		25	25	5.13	<13	PASS
		50	0	5.45	<13	PASS
	MCH	1	0	4.1	<13	PASS
		1	24	3.84	<13	PASS
		1	49	4.08	<13	PASS
		25	0	5.21	<13	PASS
		25	12	5.08	<13	PASS
		25	25	5.44	<13	PASS
		50	0	5.51	<13	PASS
	HCH	1	0	3.69	<13	PASS
		1	24	4.08	<13	PASS
		1	49	3.44	<13	PASS
		25	0	5.28	<13	PASS
		25	12	5.53	<13	PASS
		25	25	5.21	<13	PASS
		50	0	5.48	<13	PASS
16QAM	LCH	1	0	5.19	<13	PASS
		1	24	5.15	<13	PASS
		1	49	4.99	<13	PASS
		25	0	6.44	<13	PASS
		25	12	6.2	<13	PASS
		25	25	5.93	<13	PASS
		50	0	6.19	<13	PASS
	MCH	1	0	5.22	<13	PASS

		1	24	4.85	<13	PASS
		1	49	5.28	<13	PASS
		25	0	6.05	<13	PASS
		25	12	5.87	<13	PASS
		25	25	6.25	<13	PASS
		50	0	6.25	<13	PASS
	HCH	1	0	4.79	<13	PASS
		1	24	5.26	<13	PASS
		1	49	4.55	<13	PASS
		25	0	6.07	<13	PASS
		25	12	6.32	<13	PASS
		25	25	6.06	<13	PASS
		50	0	6.22	<13	PASS

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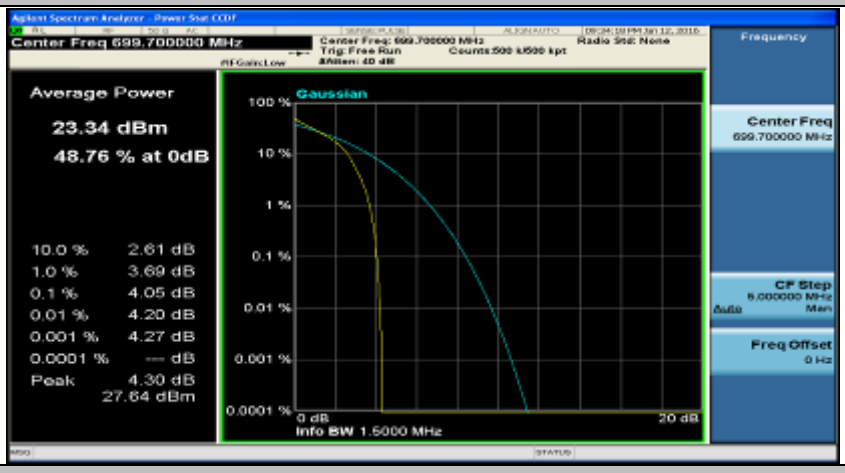
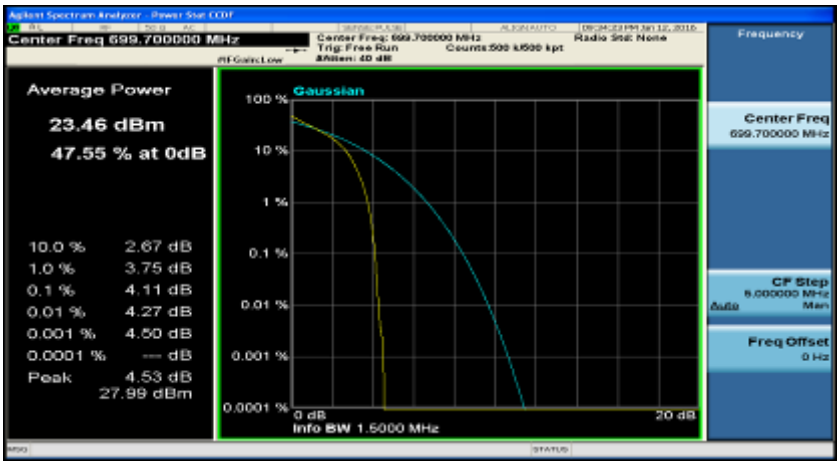
Test Graphs

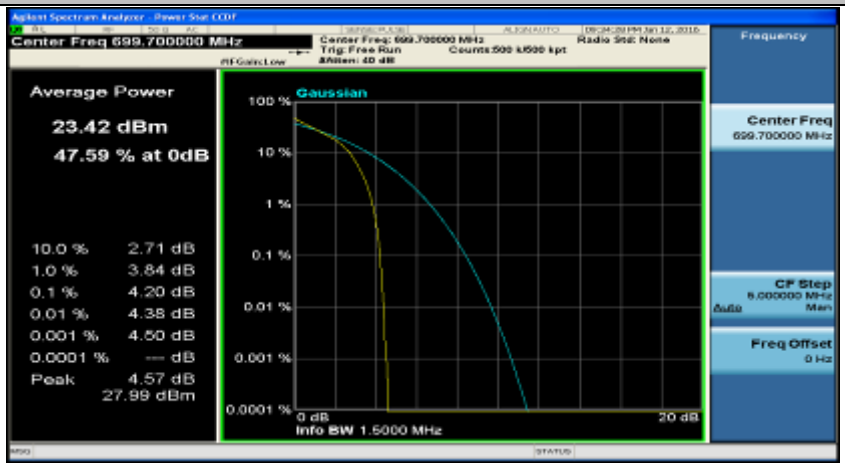
(Channel Bandwidth 1.4 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth 1.4 MHz)_LCH_QPSK_1RB#3



(Channel Bandwidth 1.4 MHz)_LCH_QPSK_1RB#5



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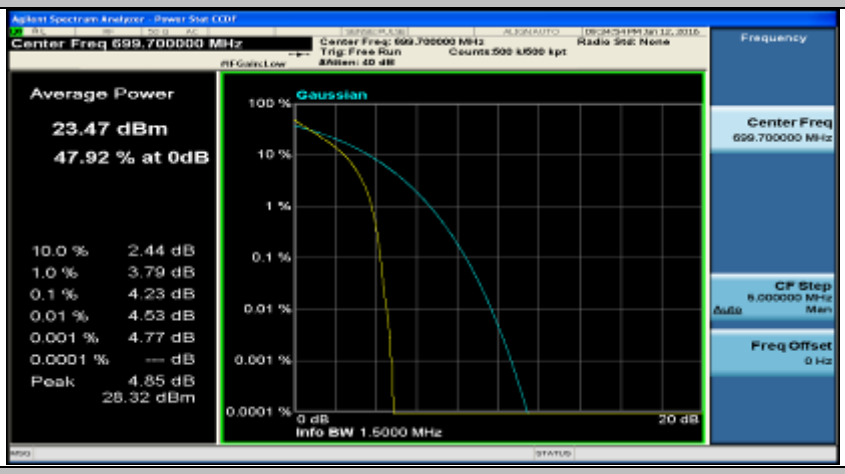
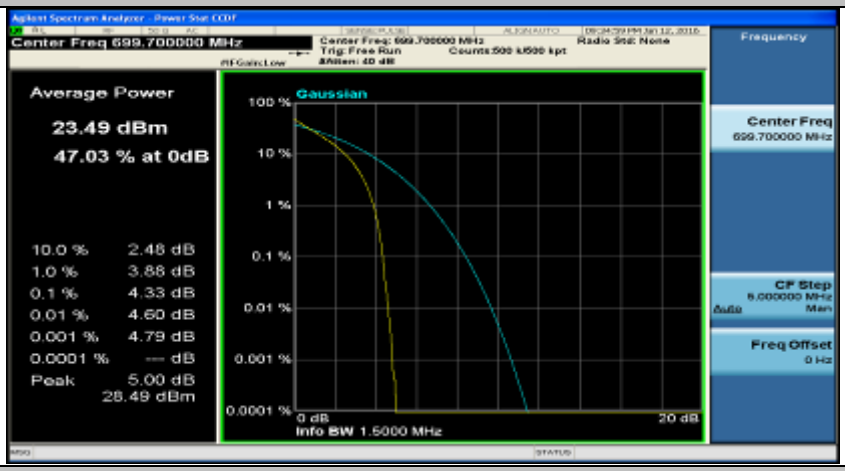
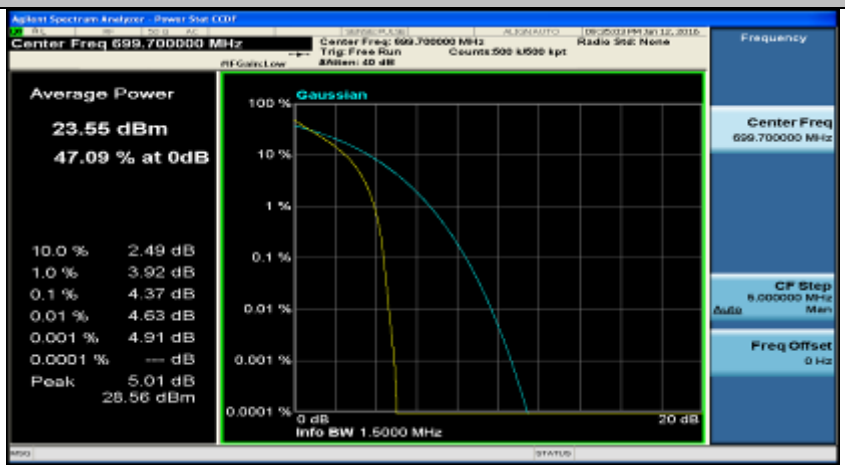
(Channel Bandwidth 1.4 MHz)_LCH_QPSK_3RB#0



(Channel Bandwidth 1.4 MHz)_LCH_QPSK_3RB#2



(Channel Bandwidth 1.4 MHz)_LCH_QPSK_3RB#3



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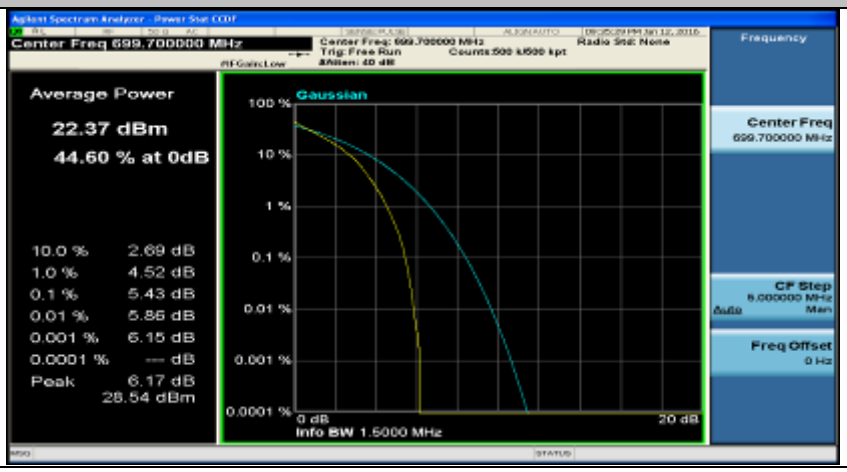
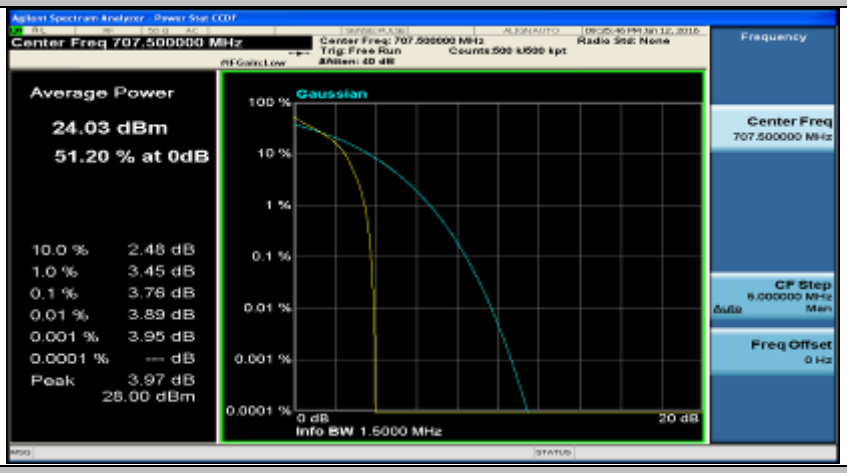
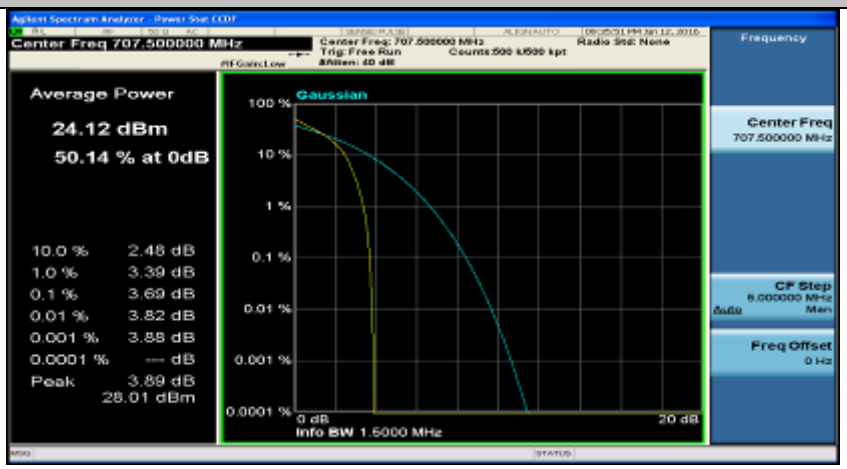
(Channel Bandwidth 1.4 MHz)_LCH_QPSK_6RB#0



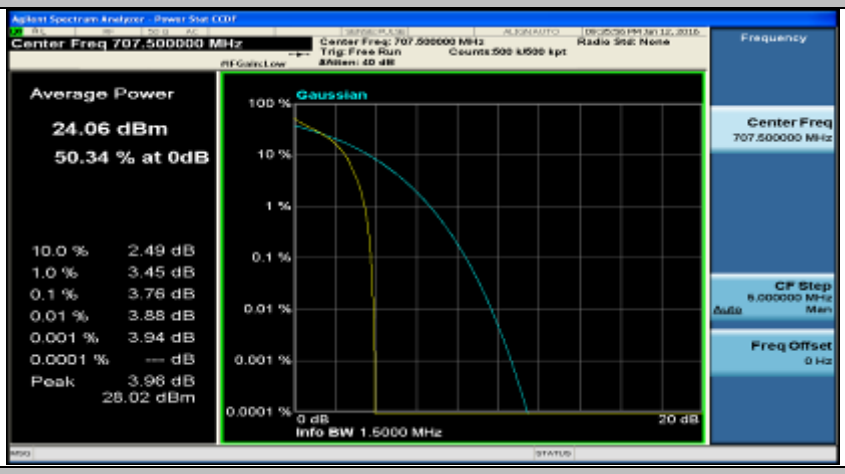
(Channel Bandwidth 1.4 MHz)_MCH_QPSK_1RB#0



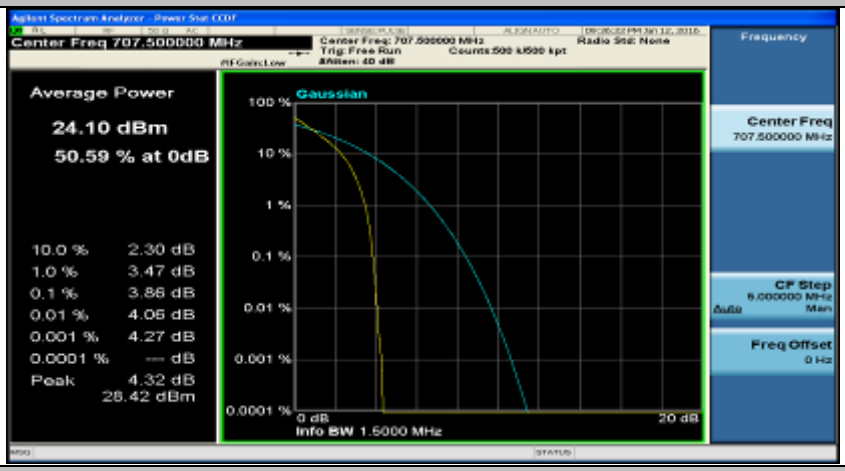
(Channel Bandwidth 1.4 MHz)_MCH_QPSK_1RB#3



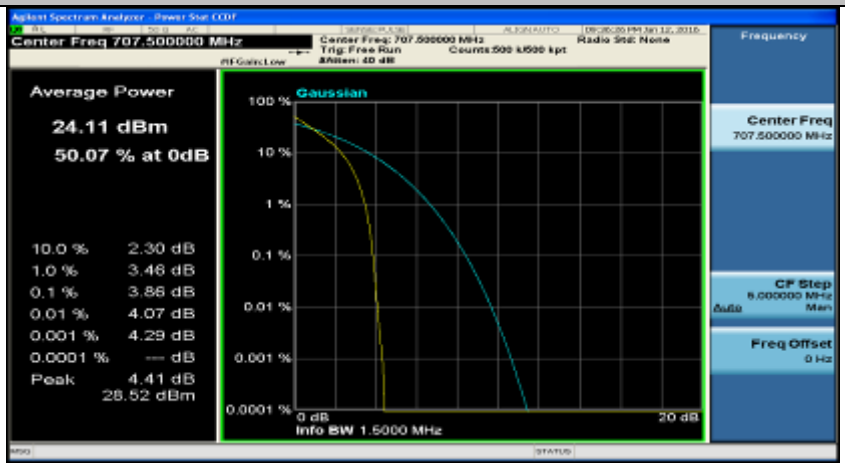
(Channel Bandwidth 1.4 MHz)_MCH_QPSK_1RB#5



(Channel Bandwidth 1.4 MHz)_MCH_QPSK_3RB#0



(Channel Bandwidth 1.4 MHz)_MCH_QPSK_3RB#2



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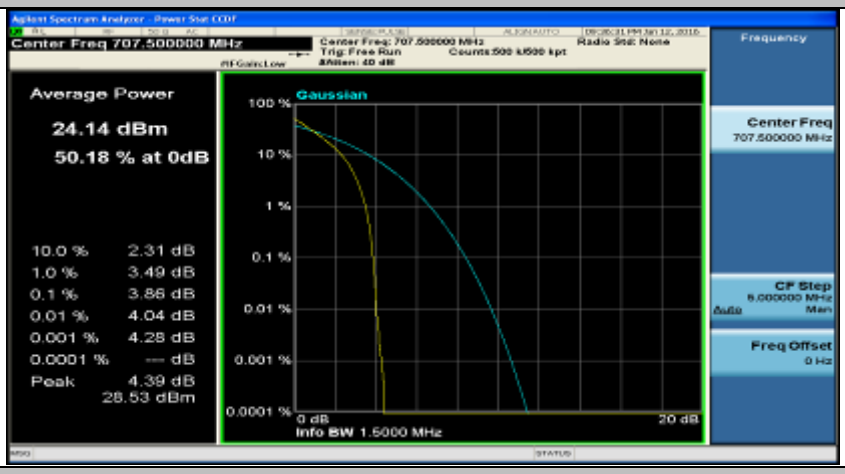
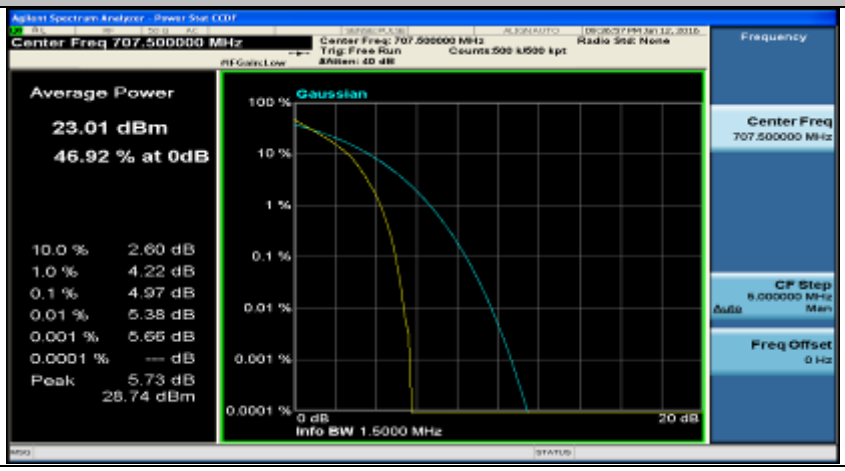
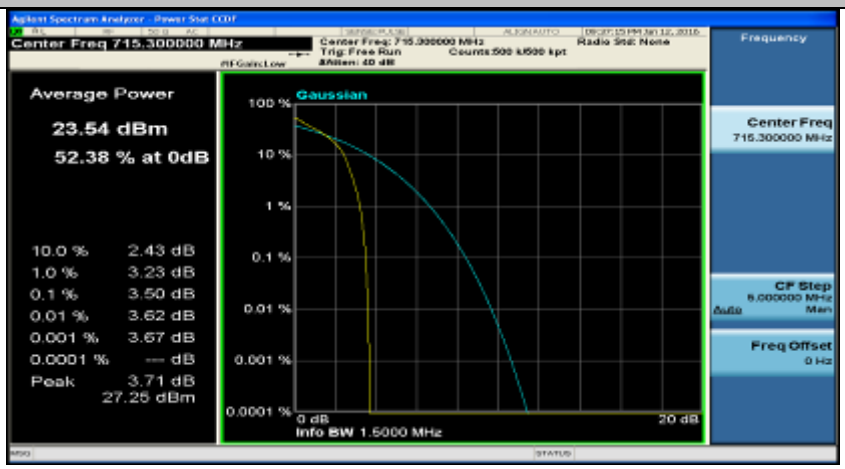
(Channel Bandwidth 1.4 MHz)_MCH_QPSK_3RB#3



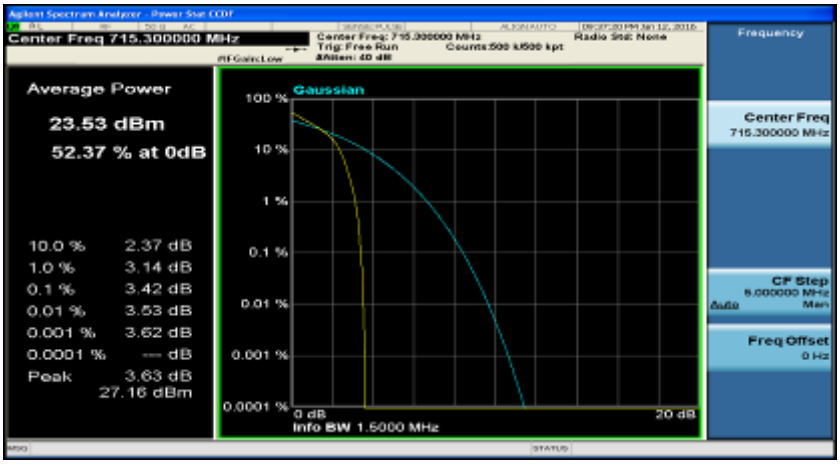
(Channel Bandwidth 1.4 MHz)_MCH_QPSK_6RB#0



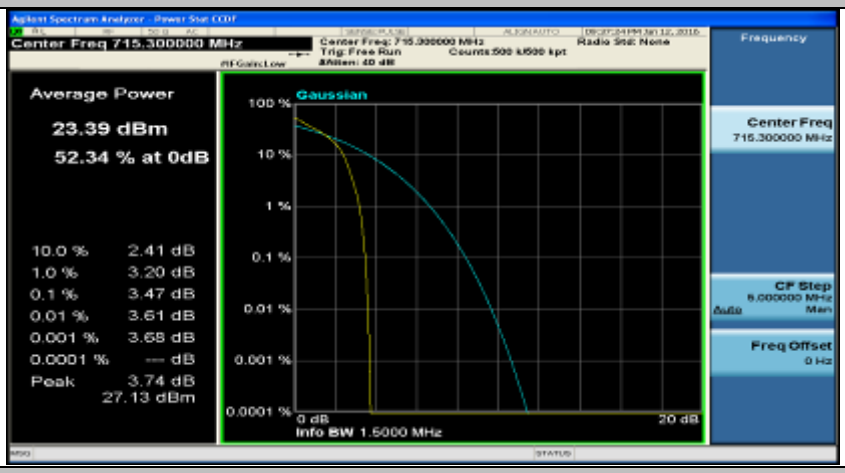
(Channel Bandwidth 1.4 MHz)_HCH_QPSK_1RB#0



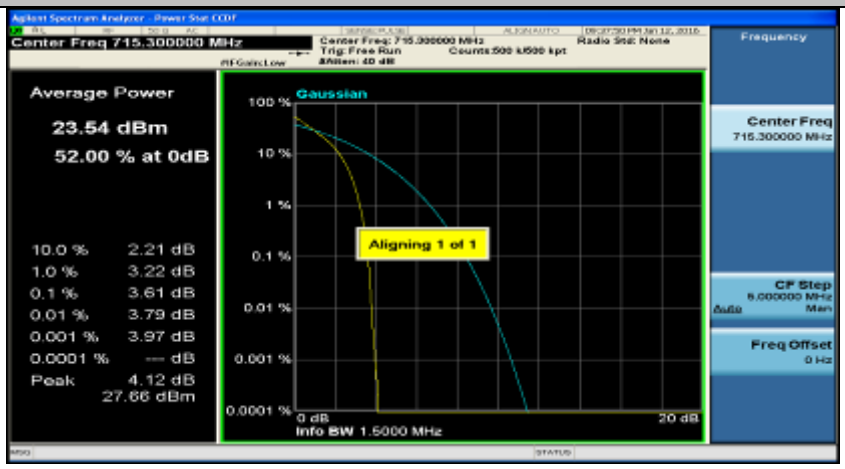
(Channel Bandwidth 1.4 MHz)_HCH_QPSK_1RB#3



(Channel Bandwidth 1.4 MHz)_HCH_QPSK_1RB#5



(Channel Bandwidth 1.4 MHz)_HCH_QPSK_3RB#0



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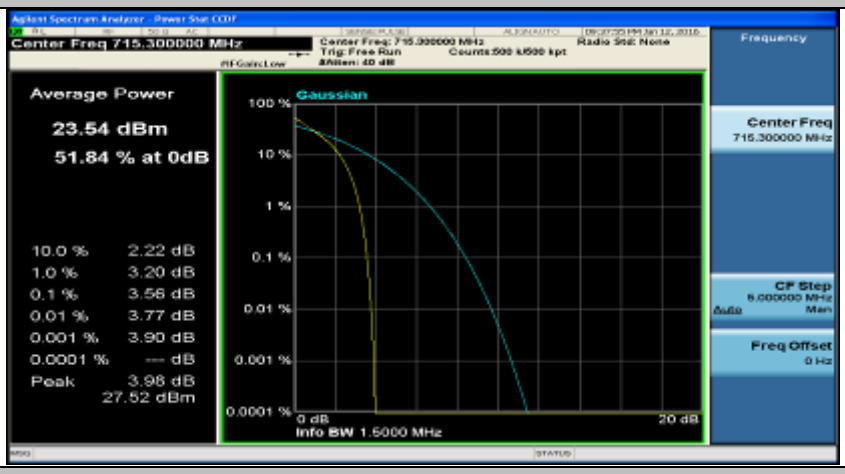
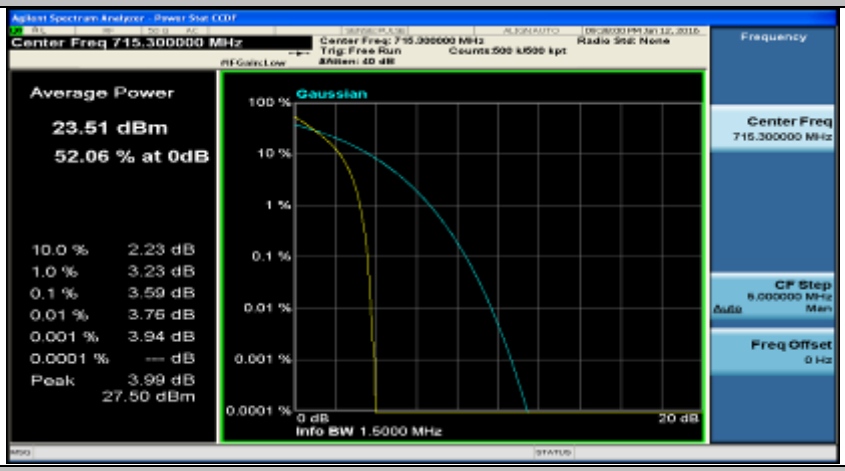
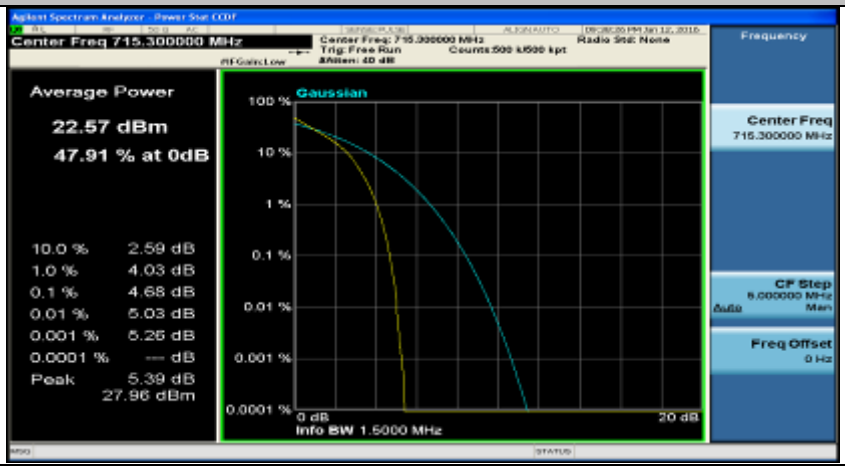
(Channel Bandwidth 1.4 MHz)_HCH_QPSK_3RB#2



(Channel Bandwidth 1.4 MHz)_HCH_QPSK_3RB#3



(Channel Bandwidth 1.4 MHz)_HCH_QPSK_6RB#0



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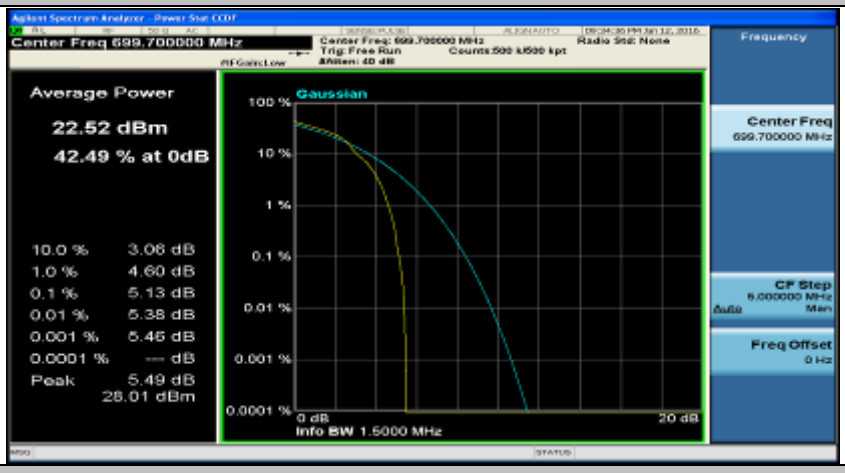
(Channel Bandwidth 1.4 MHz)_LCH_16QAM_1RB#0



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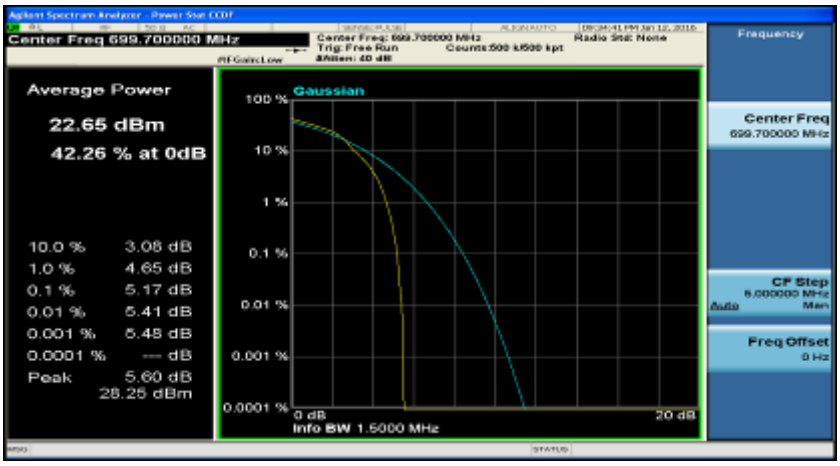
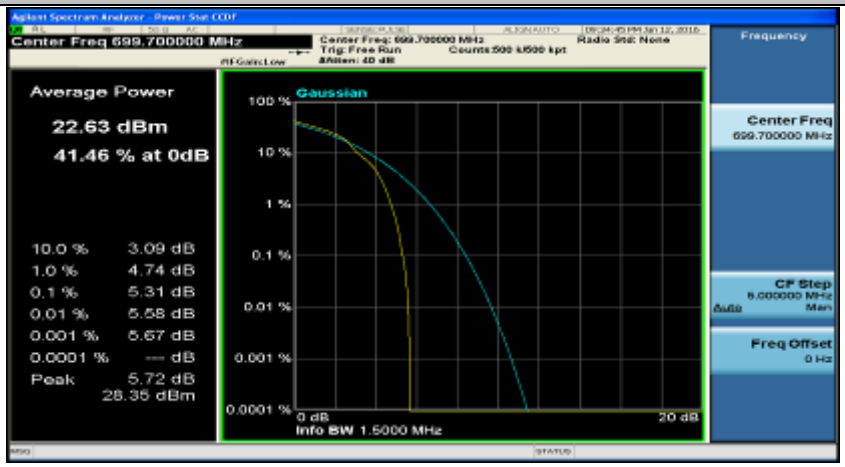
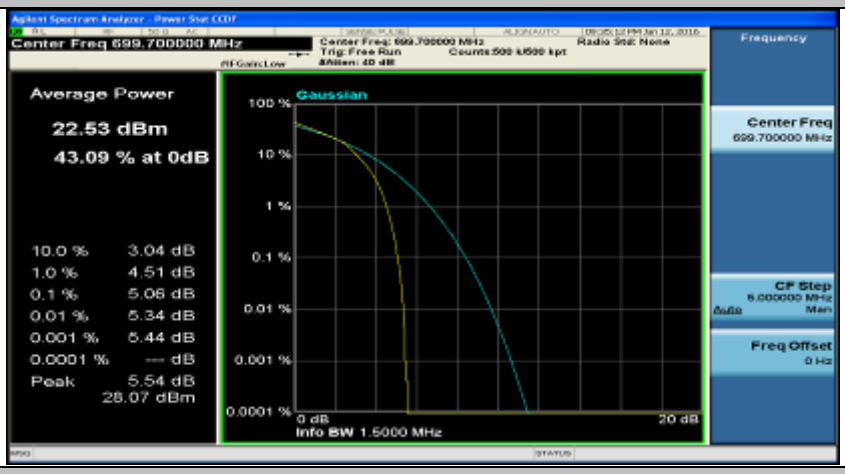


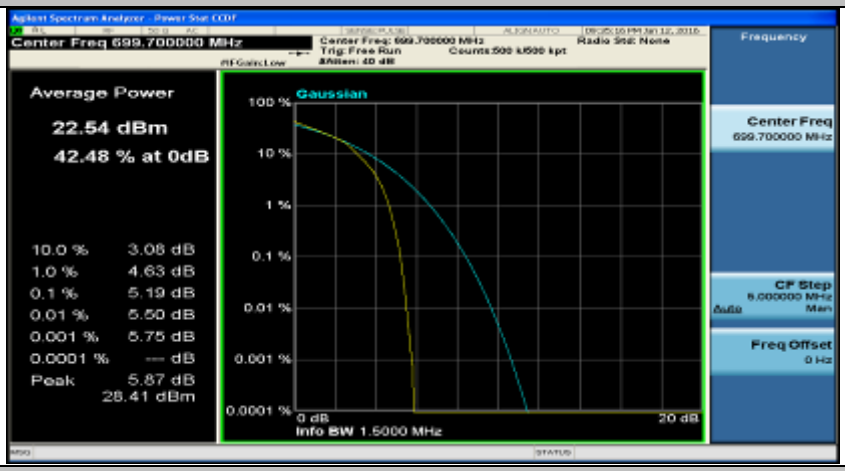
(Channel Bandwidth 1.4 MHz)_LCH_16QAM_1RB#5



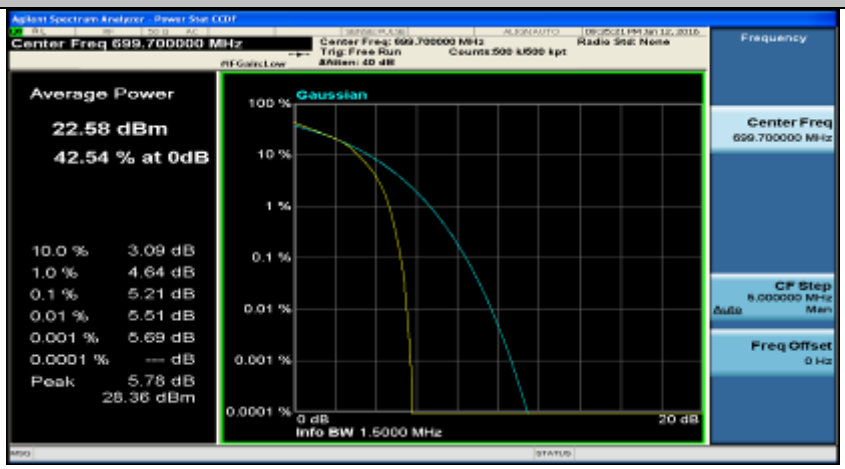
(Channel Bandwidth 1.4 MHz)_LCH_16QAM_3RB#0



(Channel Bandwidth 1.4 MHz)_LCH_16QAM_3RB#2



(Channel Bandwidth 1.4 MHz)_LCH_16QAM_3RB#3



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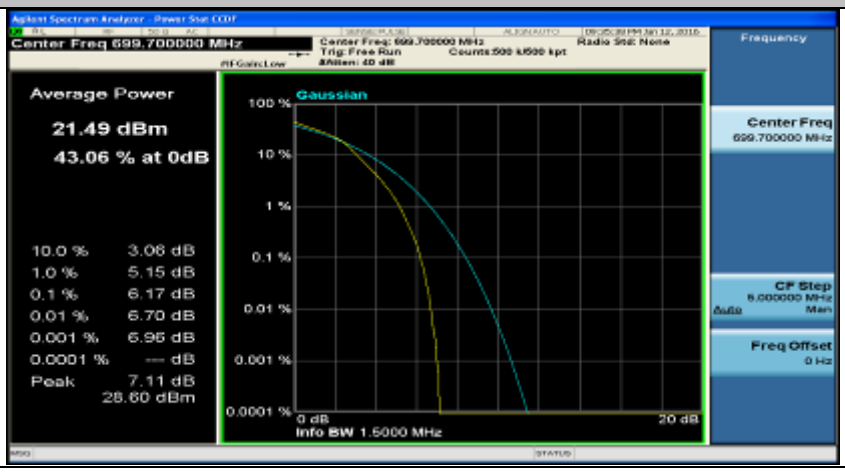
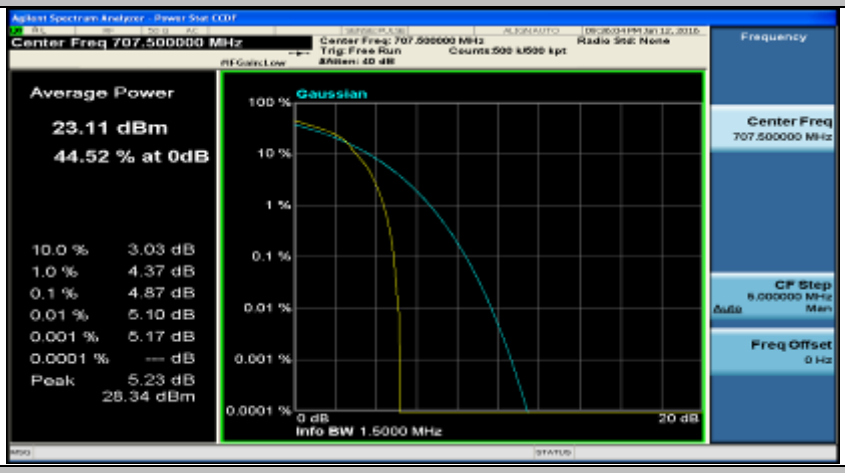
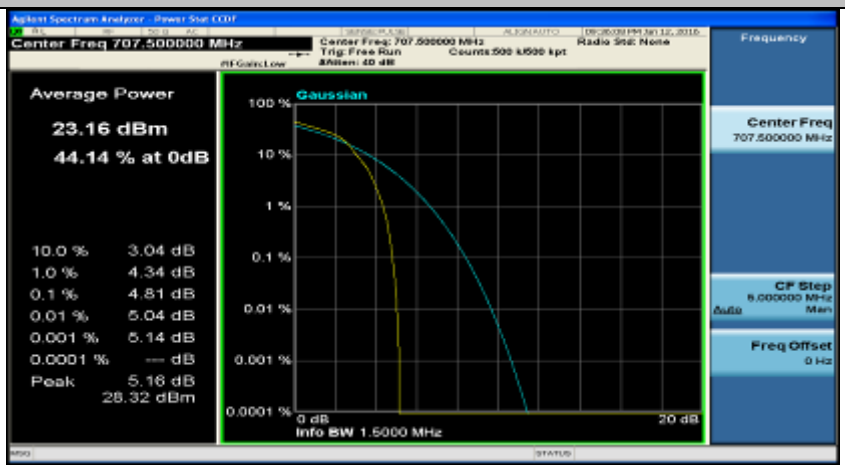
(Channel Bandwidth 1.4 MHz)_LCH_16QAM_6RB#0



(Channel Bandwidth 1.4 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth 1.4 MHz)_MCH_16QAM_1RB#3



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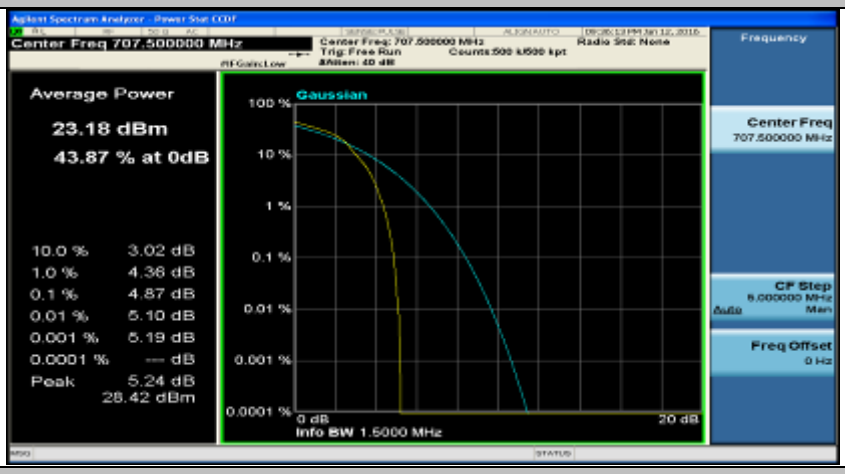
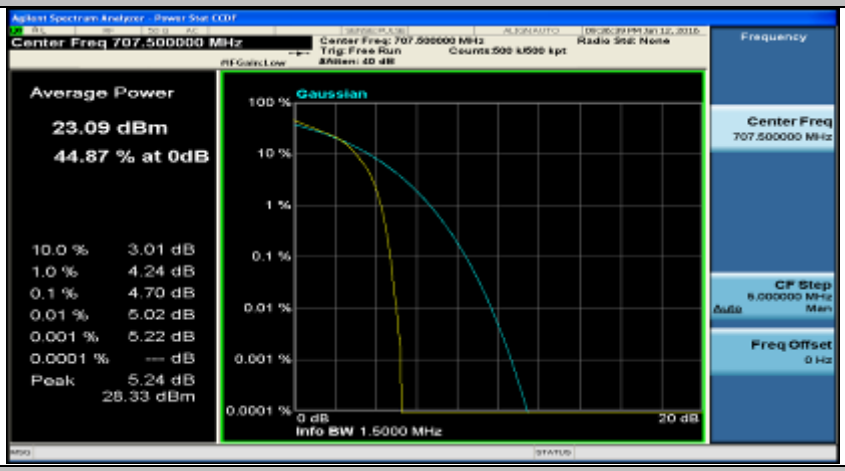
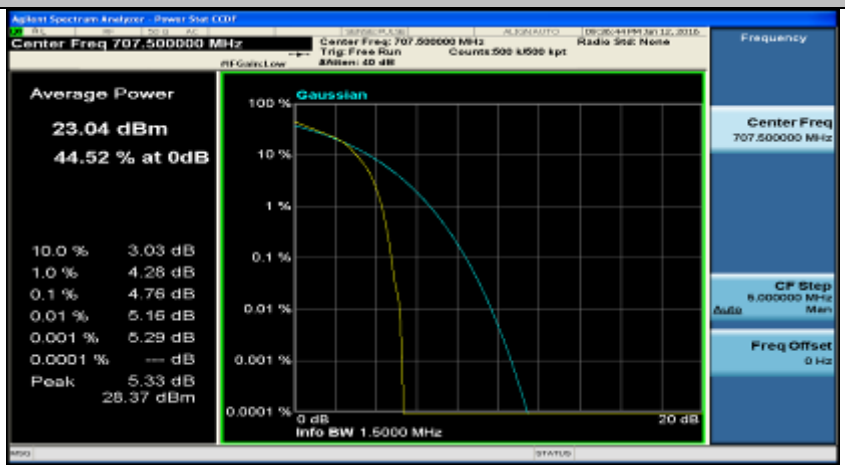
(Channel Bandwidth 1.4 MHz)_MCH_16QAM_1RB#5



(Channel Bandwidth 1.4 MHz)_MCH_16QAM_3RB#0



(Channel Bandwidth 1.4 MHz)_MCH_16QAM_3RB#2



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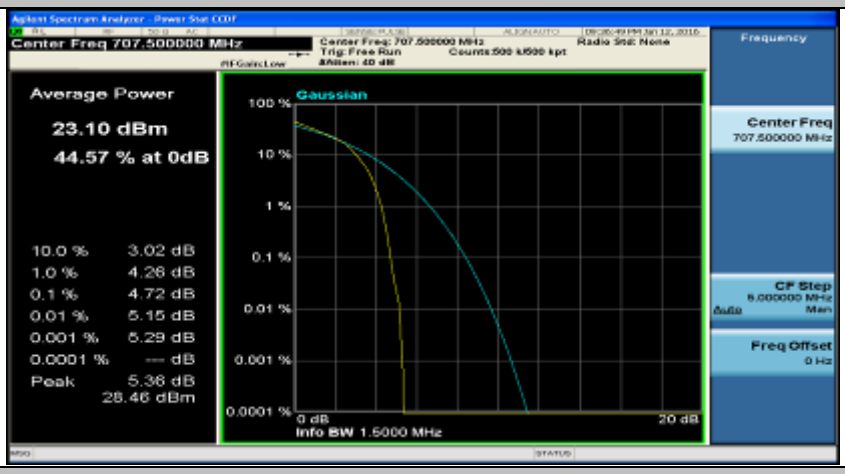
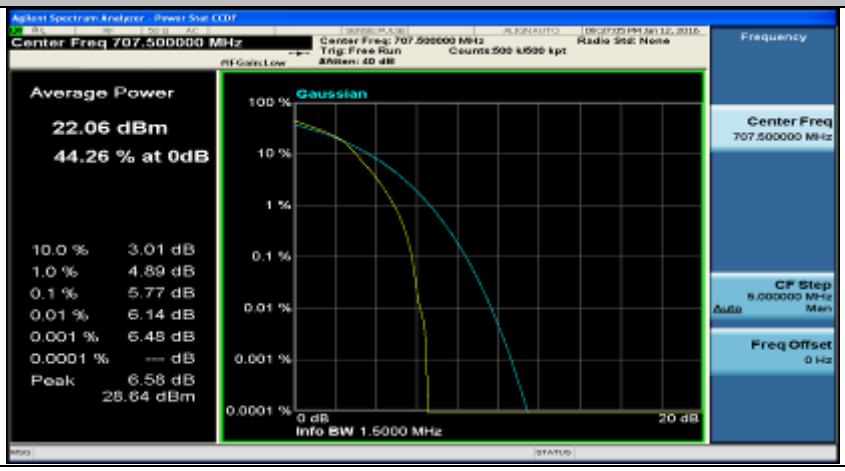
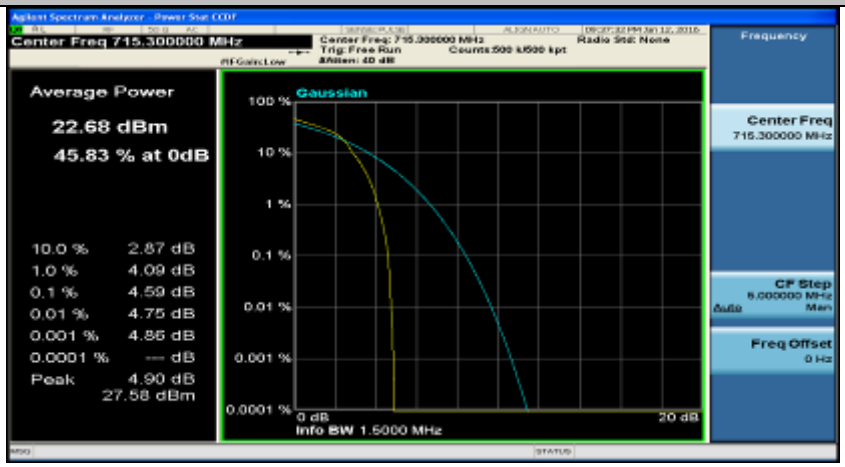
(Channel Bandwidth 1.4 MHz)_MCH_16QAM_3RB#3



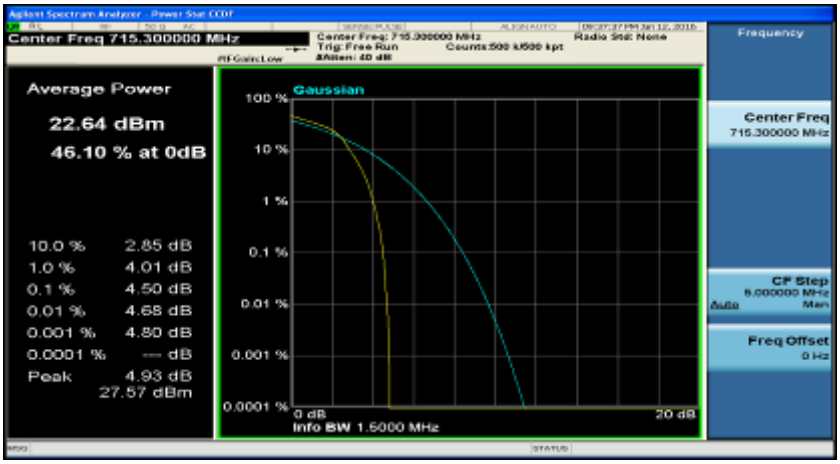
(Channel Bandwidth 1.4 MHz)_MCH_16QAM_6RB#0



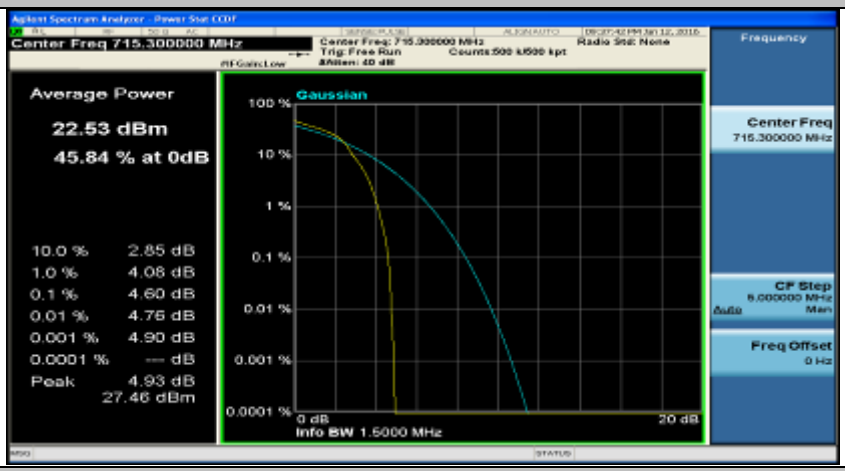
(Channel Bandwidth 1.4 MHz)_HCH_16QAM_1RB#0



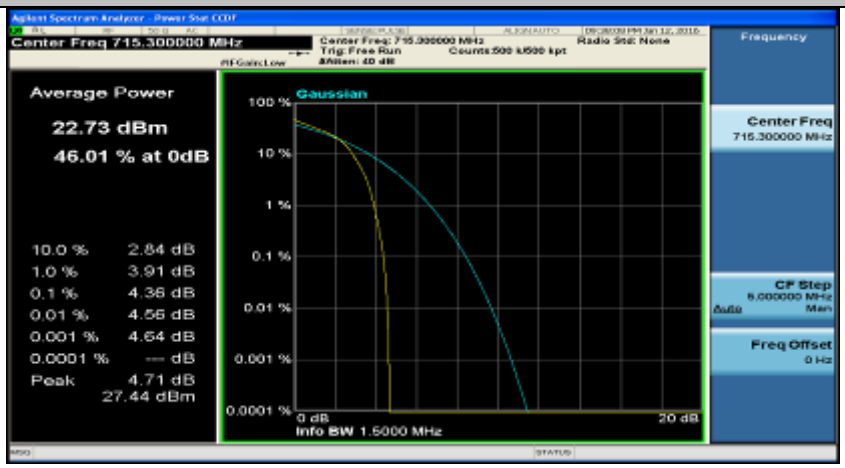
(Channel Bandwidth 1.4 MHz)_HCH_16QAM_1RB#3



(Channel Bandwidth 1.4 MHz)_HCH_16QAM_1RB#5



(Channel Bandwidth 1.4 MHz)_HCH_16QAM_3RB#0



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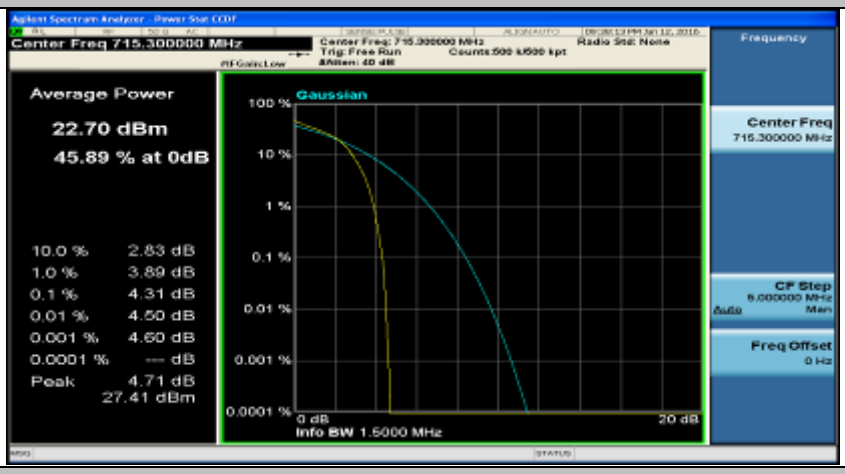
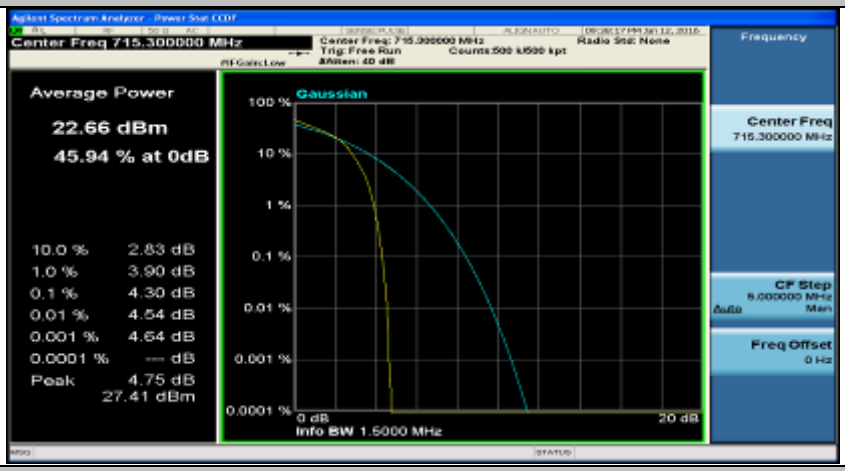
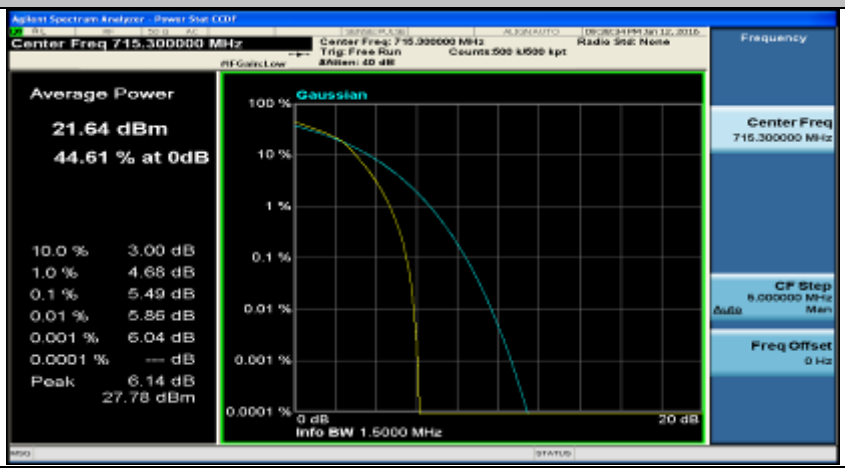
(Channel Bandwidth 1.4 MHz)_HCH_16QAM_3RB#2



(Channel Bandwidth 1.4 MHz)_HCH_16QAM_3RB#3



(Channel Bandwidth 1.4 MHz)_HCH_16QAM_6RB#0



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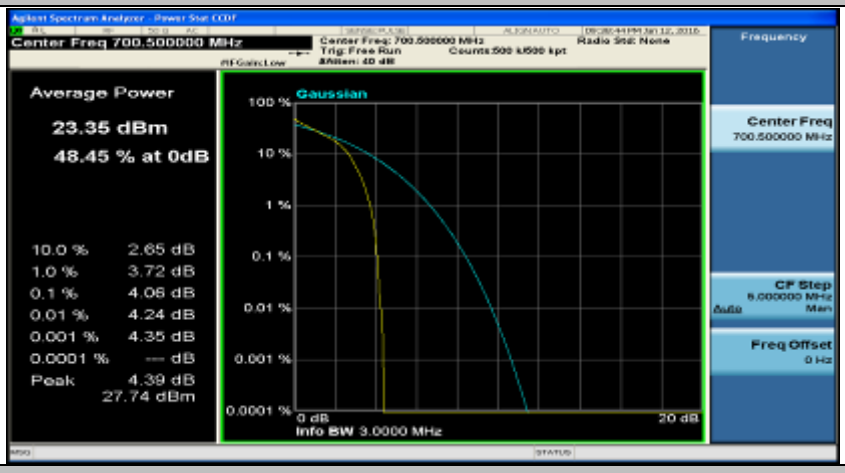
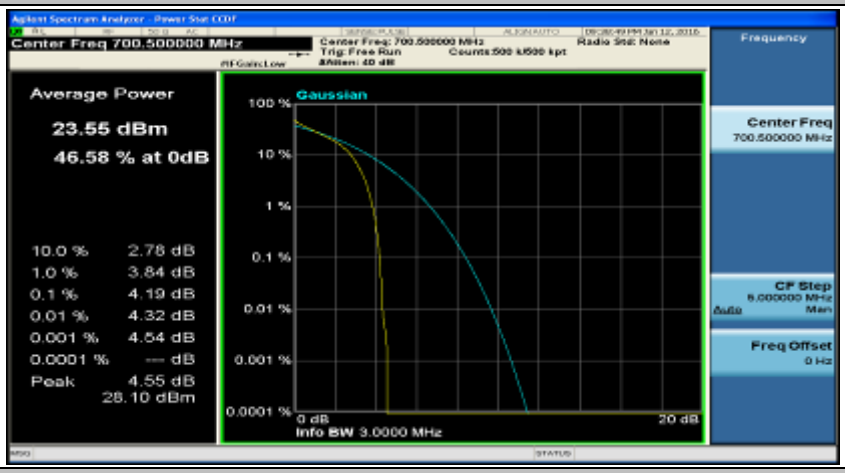
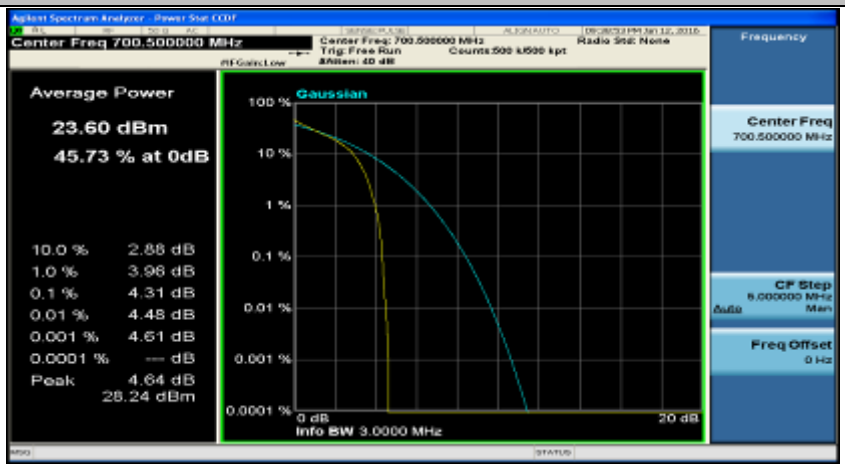
(Channel Bandwidth 3 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth 3 MHz)_LCH_QPSK_1RB#7



(Channel Bandwidth 3 MHz)_LCH_QPSK_1RB#14



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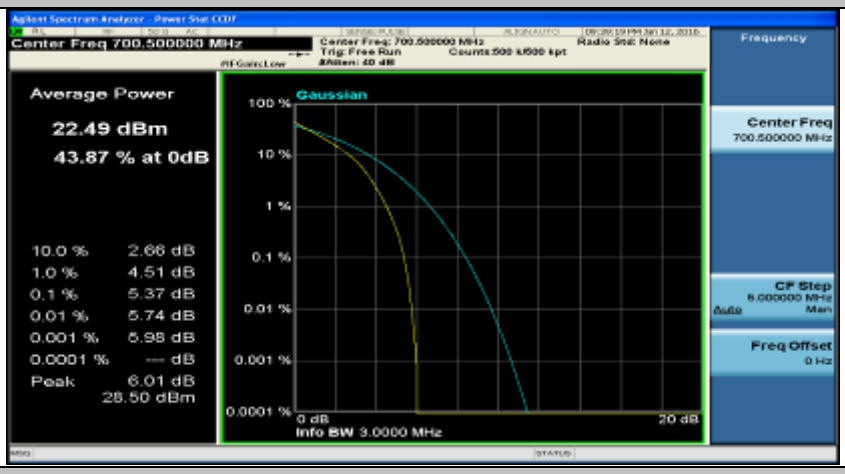
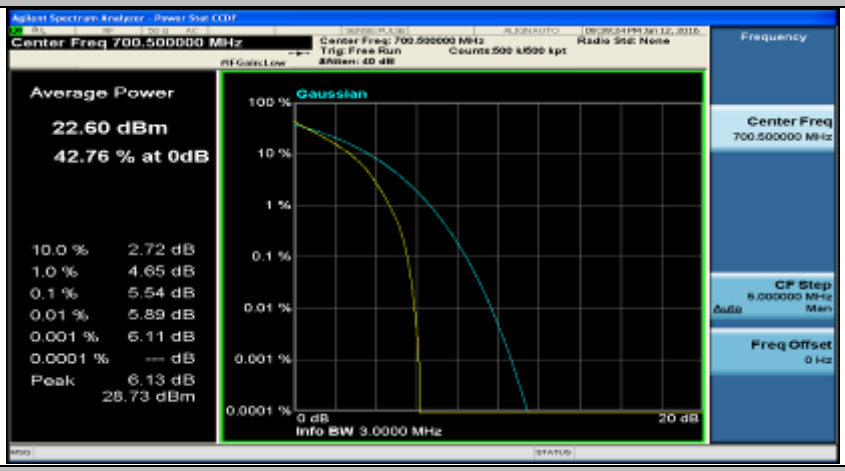
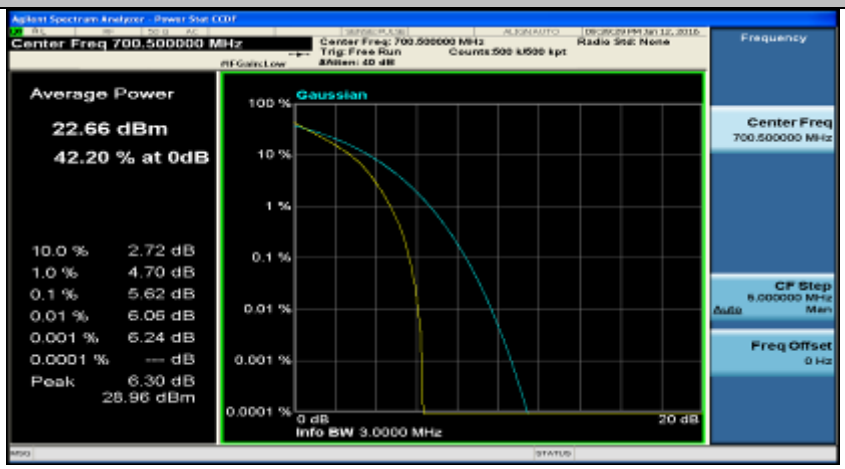
(Channel Bandwidth 3 MHz)_LCH_QPSK_8RB#0



(Channel Bandwidth 3 MHz)_LCH_QPSK_8RB#4



(Channel Bandwidth 3 MHz)_LCH_QPSK_8RB#7



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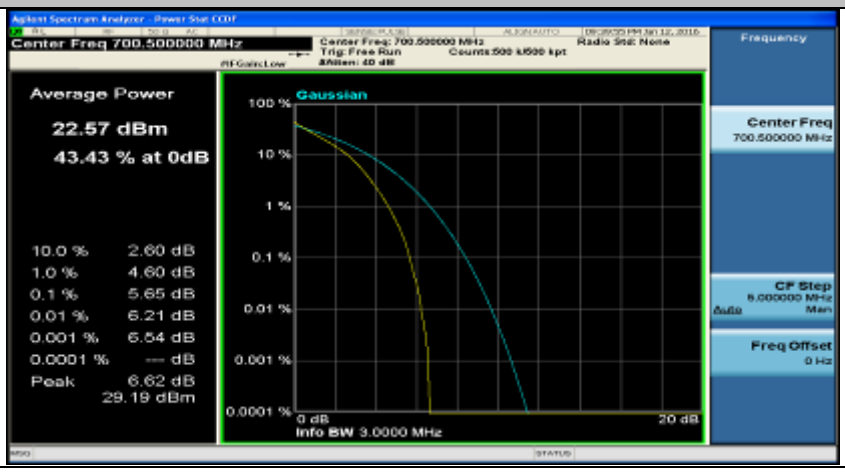
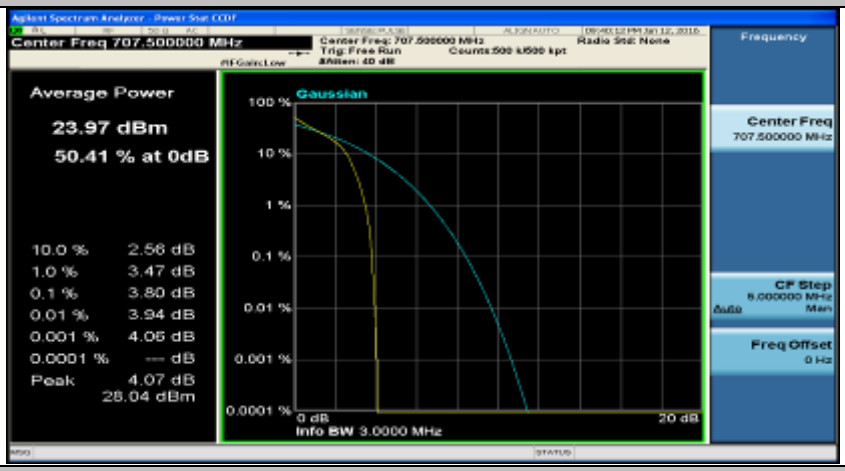
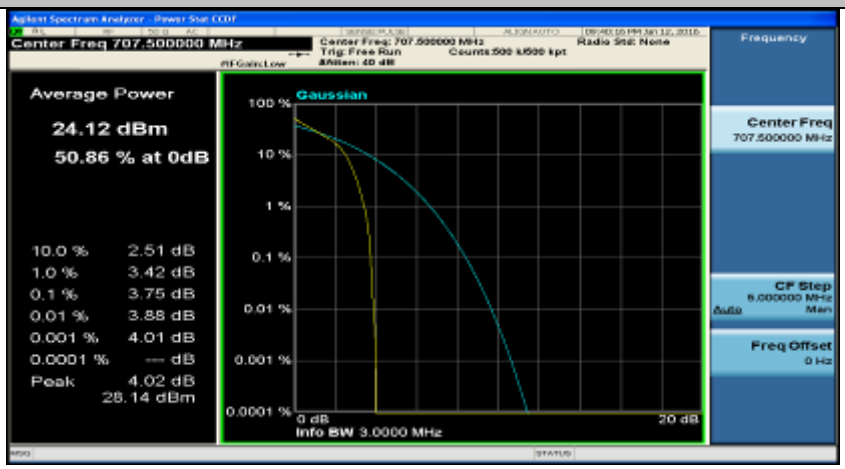
(Channel Bandwidth 3 MHz)_LCH_QPSK_15RB#0



(Channel Bandwidth 3 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth 3 MHz)_MCH_QPSK_1RB#7



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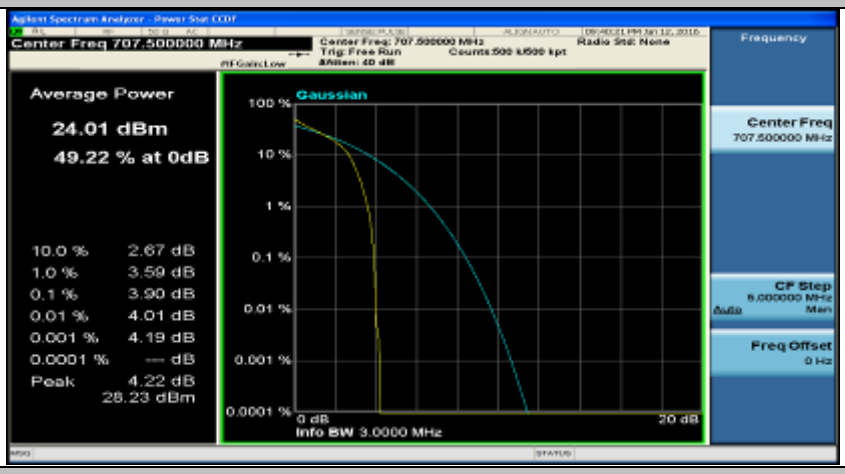
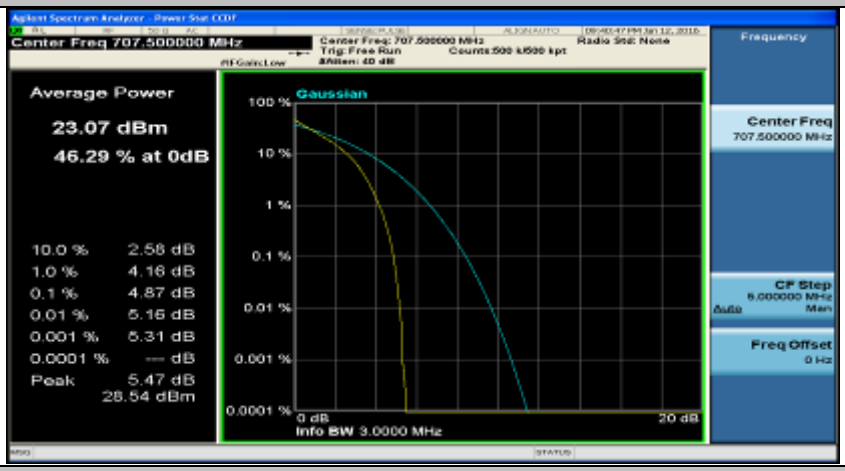
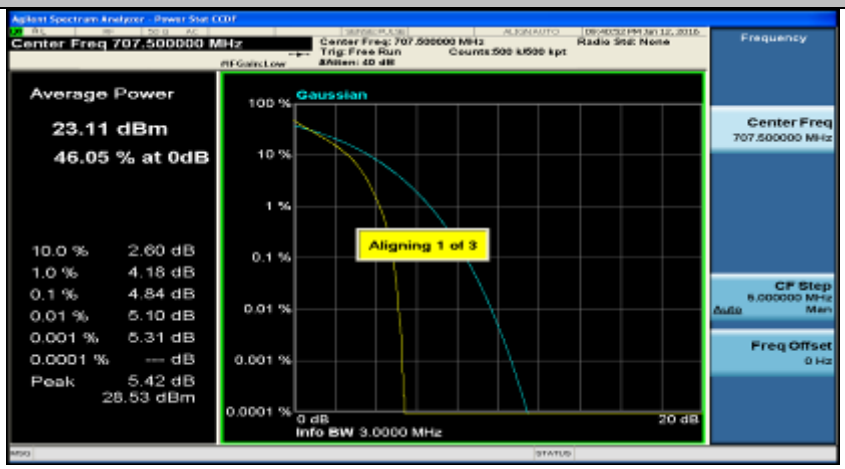
(Channel Bandwidth 3 MHz)_MCH_QPSK_1RB#14



(Channel Bandwidth 3 MHz)_MCH_QPSK_8RB#0



(Channel Bandwidth 3 MHz)_MCH_QPSK_8RB#4



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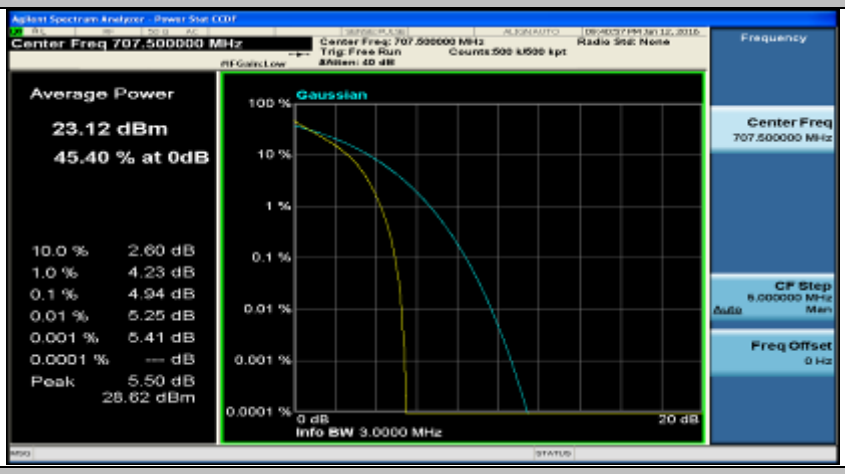
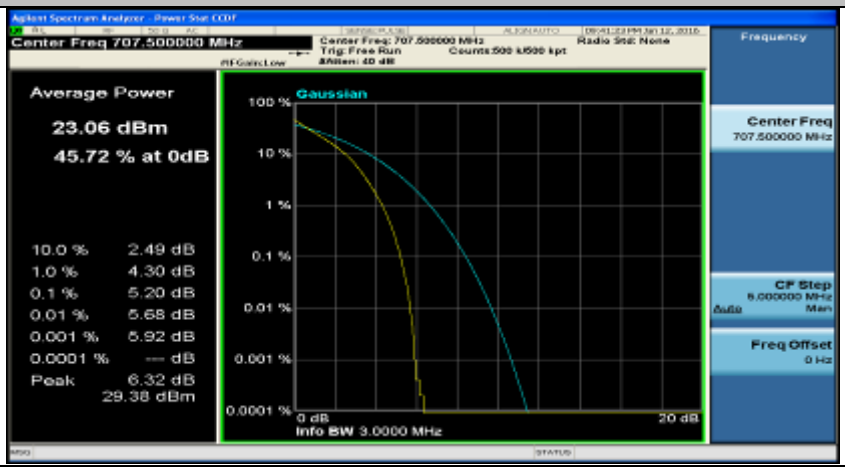
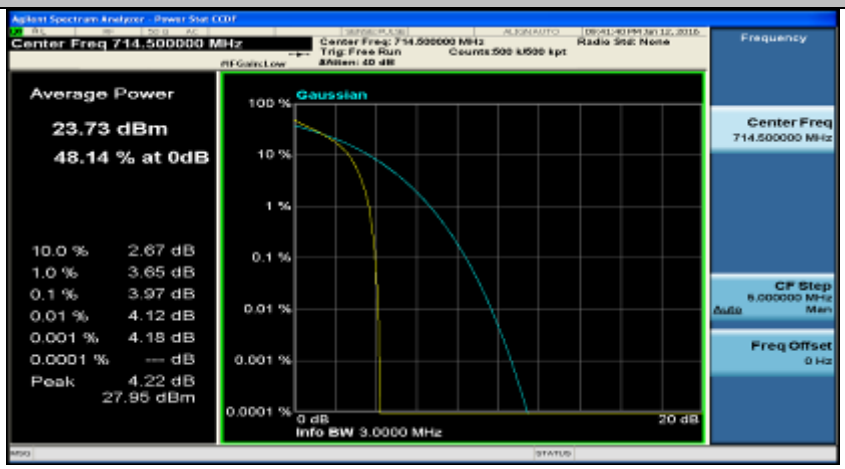
(Channel Bandwidth 3 MHz)_MCH_QPSK_8RB#7



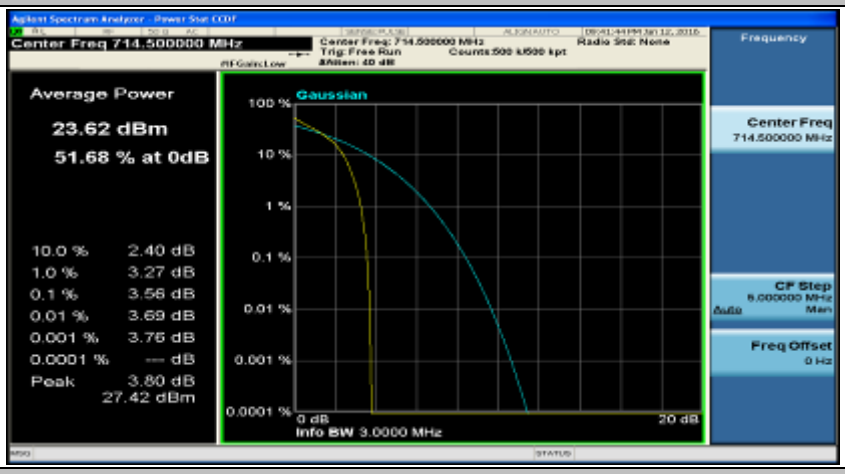
(Channel Bandwidth 3 MHz)_MCH_QPSK_15RB#0



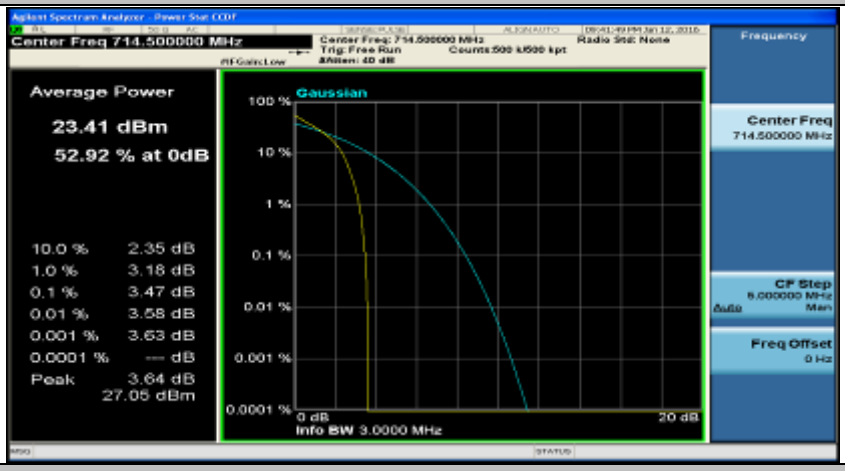
(Channel Bandwidth 3 MHz)_HCH_QPSK_1RB#0



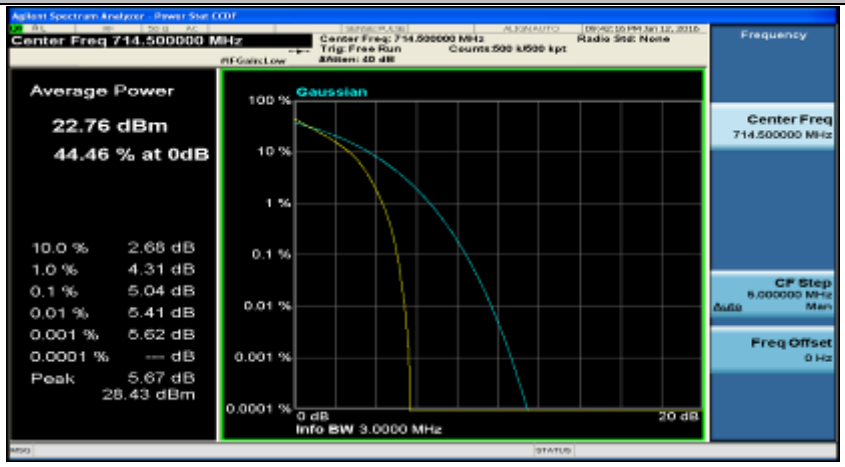
(Channel Bandwidth 3 MHz)_HCH_QPSK_1RB#7



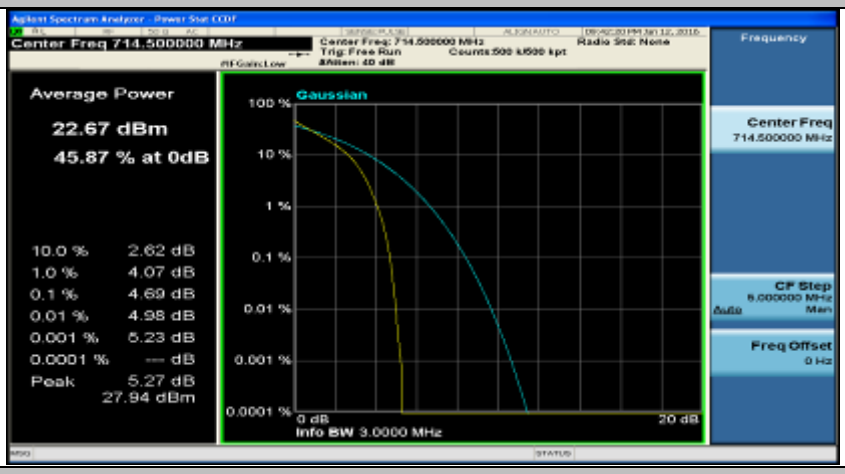
(Channel Bandwidth 3 MHz)_HCH_QPSK_1RB#14



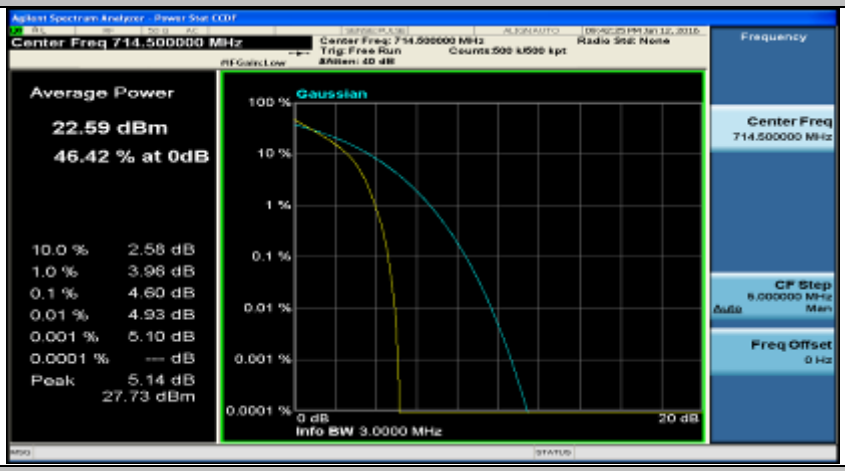
(Channel Bandwidth 3 MHz)_HCH_QPSK_8RB#0



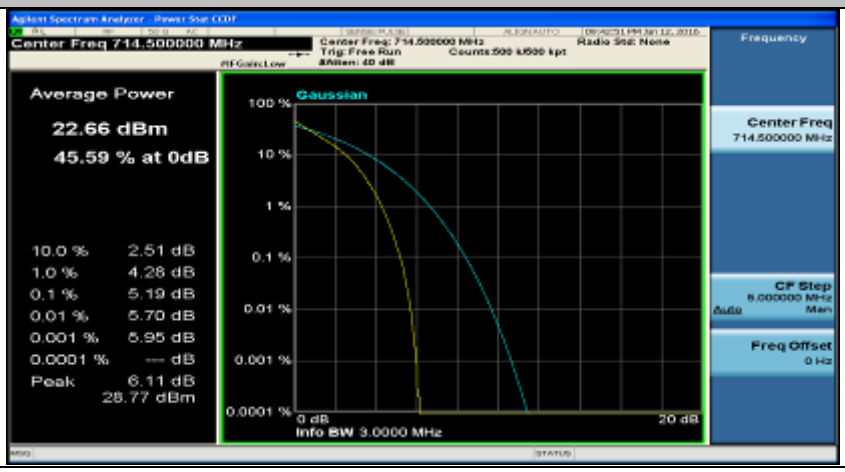
(Channel Bandwidth 3 MHz)_HCH_QPSK_8RB#4



(Channel Bandwidth 3 MHz)_HCH_QPSK_8RB#7



(Channel Bandwidth 3 MHz)_HCH_QPSK_15RB#0



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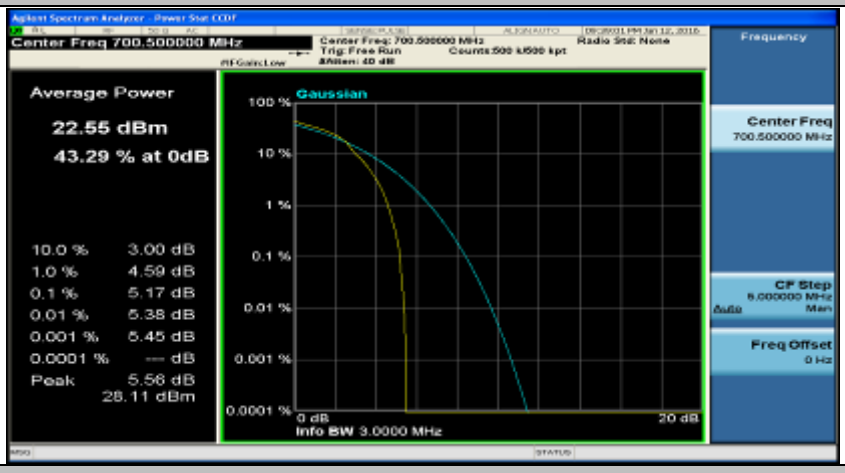
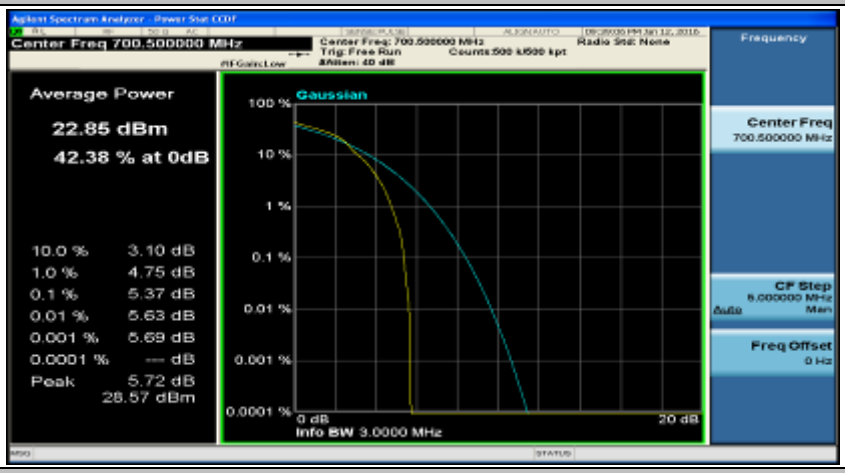
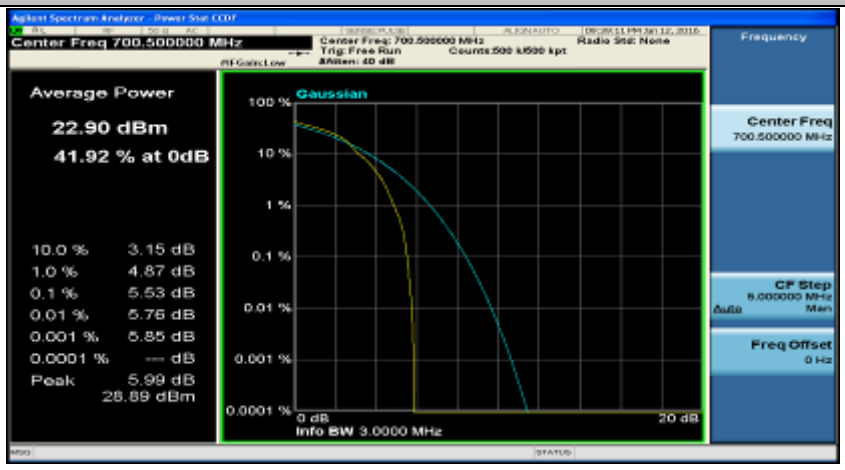
(Channel Bandwidth 3 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth 3 MHz)_LCH_16QAM_1RB#7



(Channel Bandwidth 3 MHz)_LCH_16QAM_1RB#14



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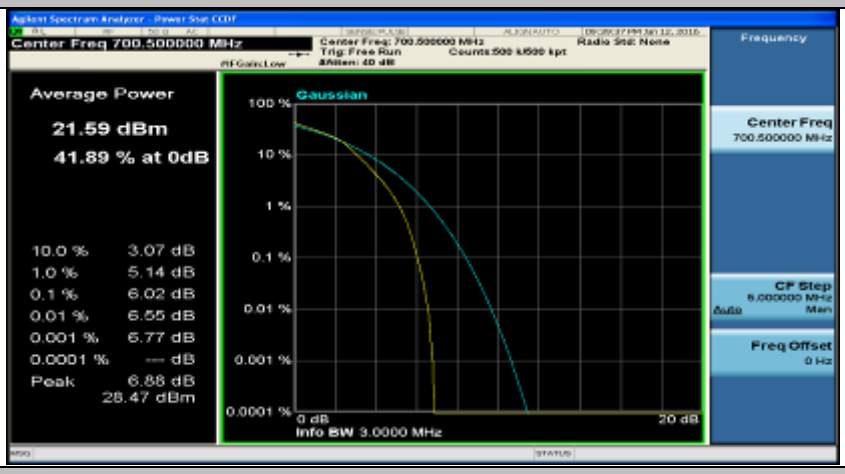
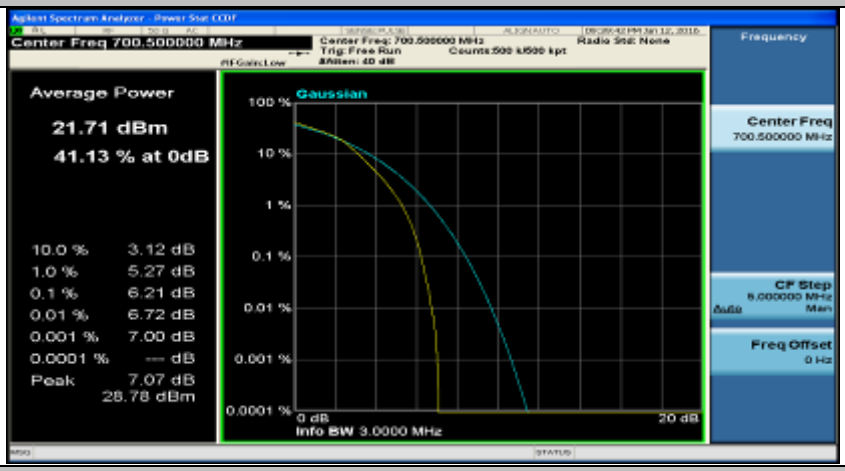
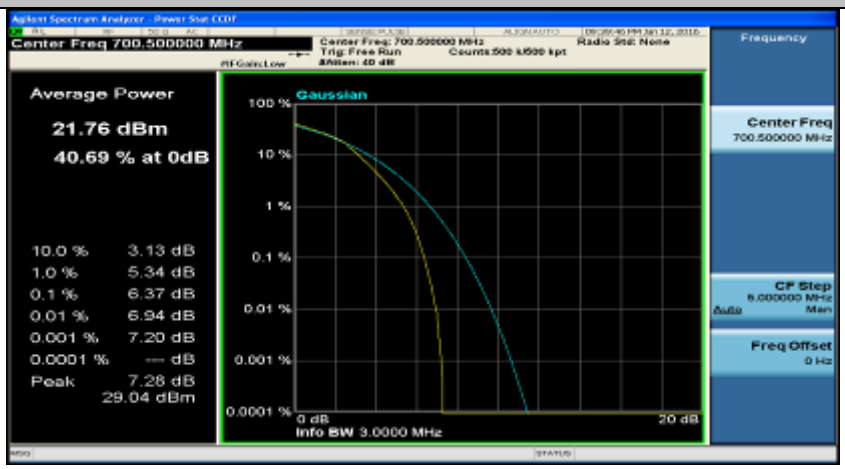
(Channel Bandwidth 3 MHz)_LCH_16QAM_8RB#0



(Channel Bandwidth 3 MHz)_LCH_16QAM_8RB#4



(Channel Bandwidth 3 MHz)_LCH_16QAM_8RB#7



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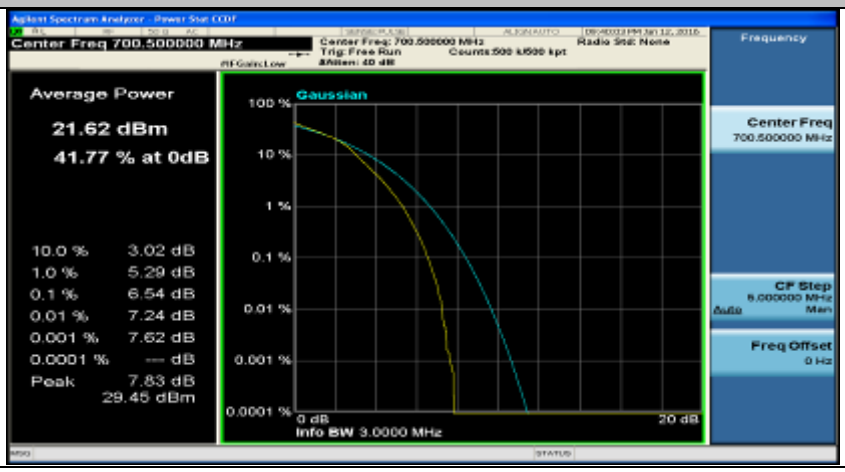
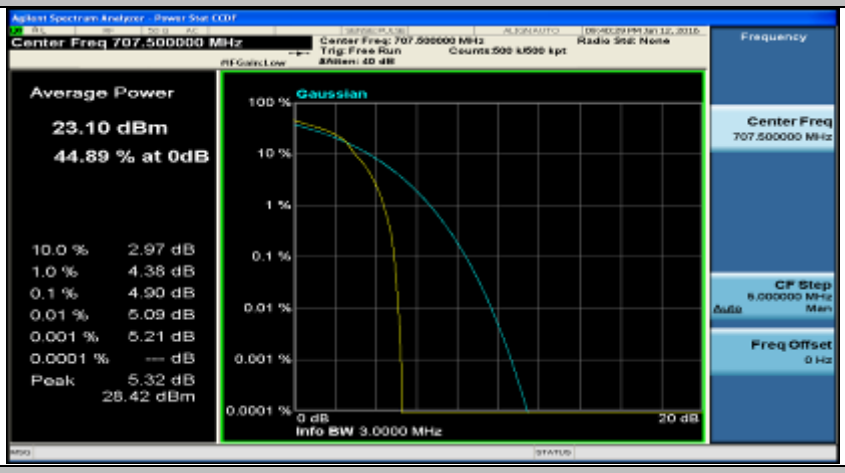
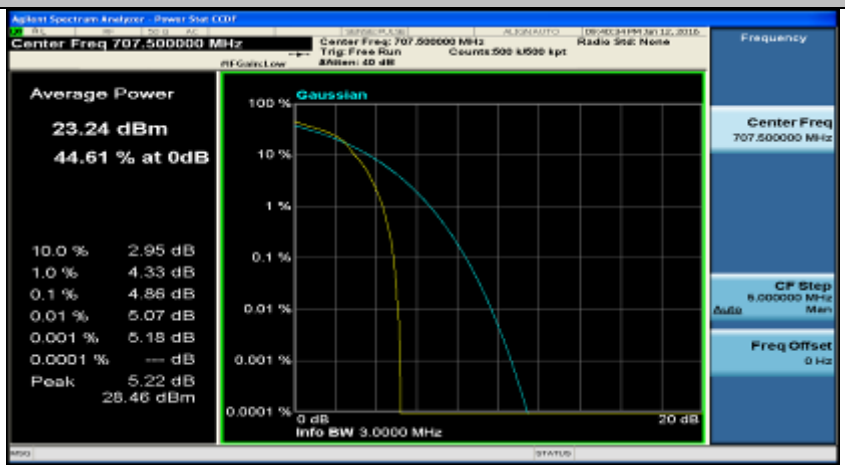
(Channel Bandwidth 3 MHz)_LCH_16QAM_15RB#0



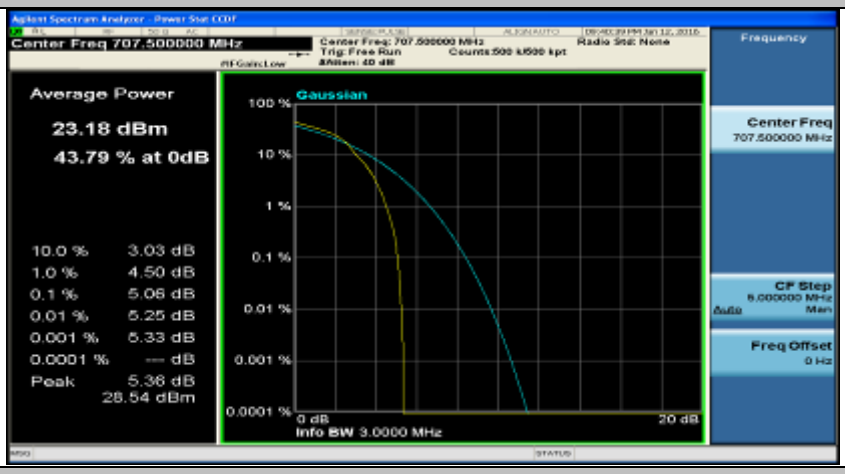
(Channel Bandwidth 3 MHz)_MCH_16QAM_1RB#0



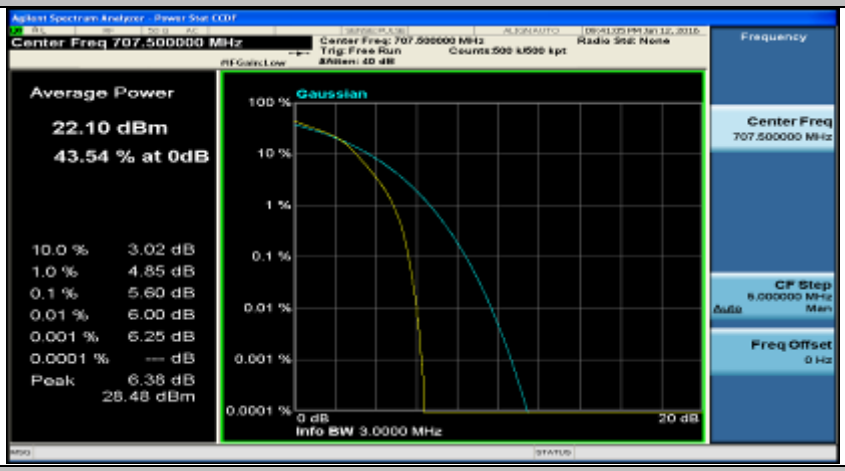
(Channel Bandwidth 3 MHz)_MCH_16QAM_1RB#7



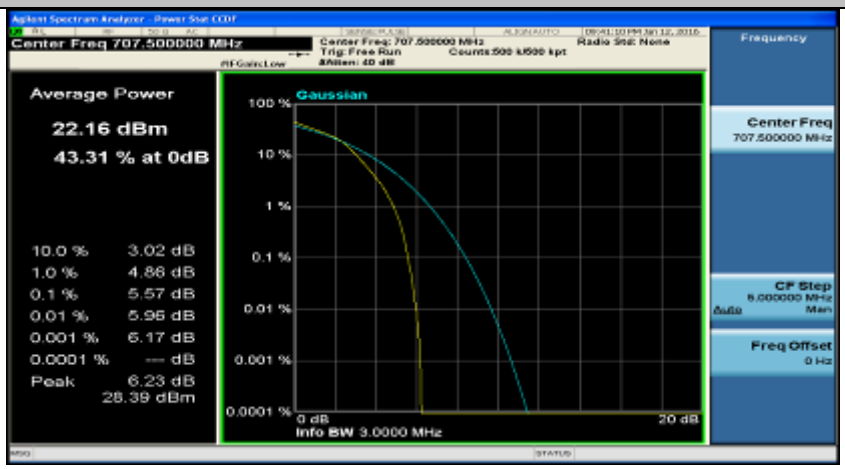
(Channel Bandwidth 3 MHz)_MCH_16QAM_1RB#14



(Channel Bandwidth 3 MHz)_MCH_16QAM_8RB#0



(Channel Bandwidth 3 MHz)_MCH_16QAM_8RB#4



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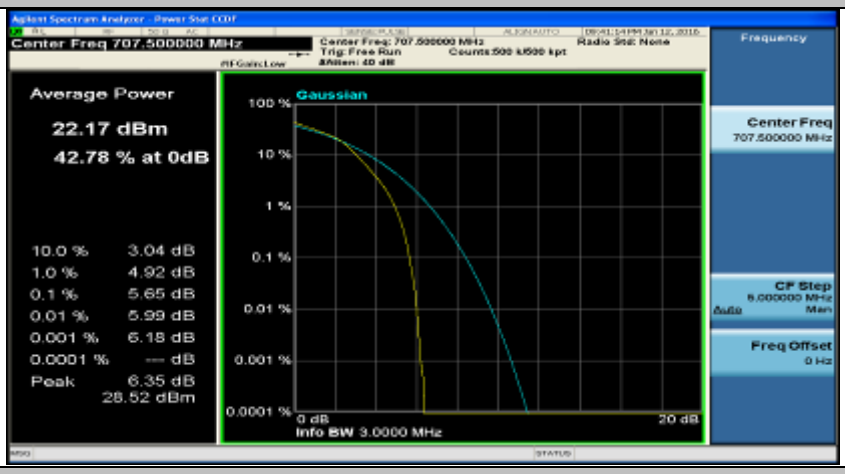
(Channel Bandwidth 3 MHz)_MCH_16QAM_8RB#7



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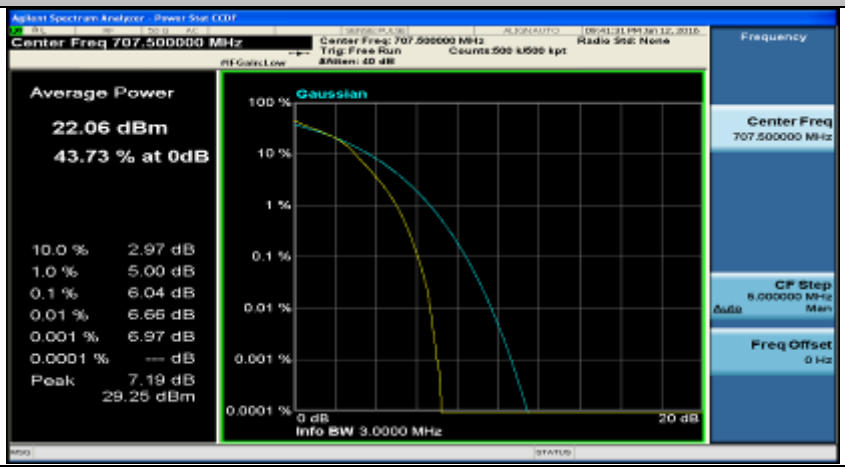
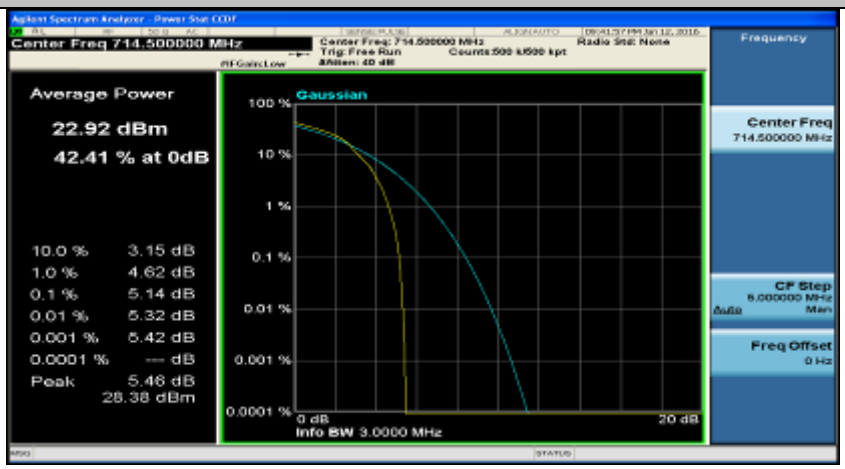


(Channel Bandwidth 3 MHz)_HCH_16QAM_1RB#0



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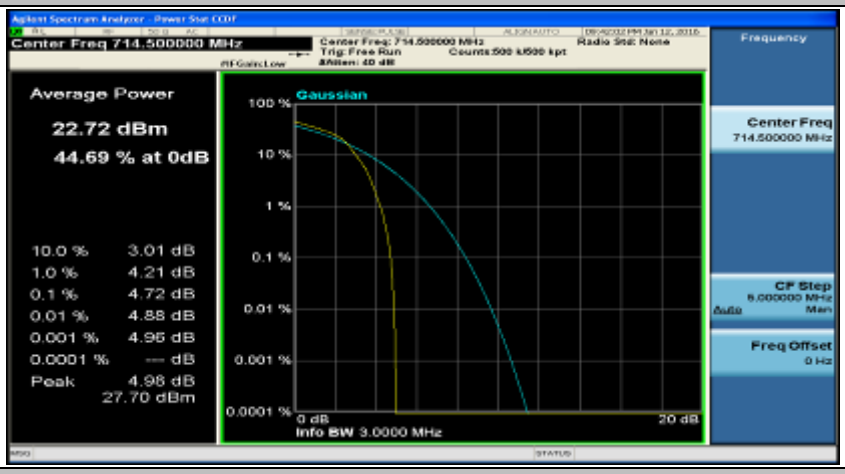
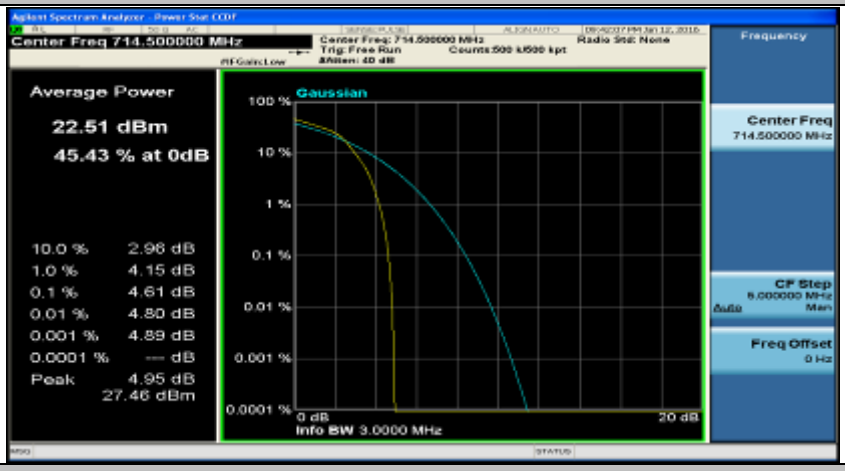
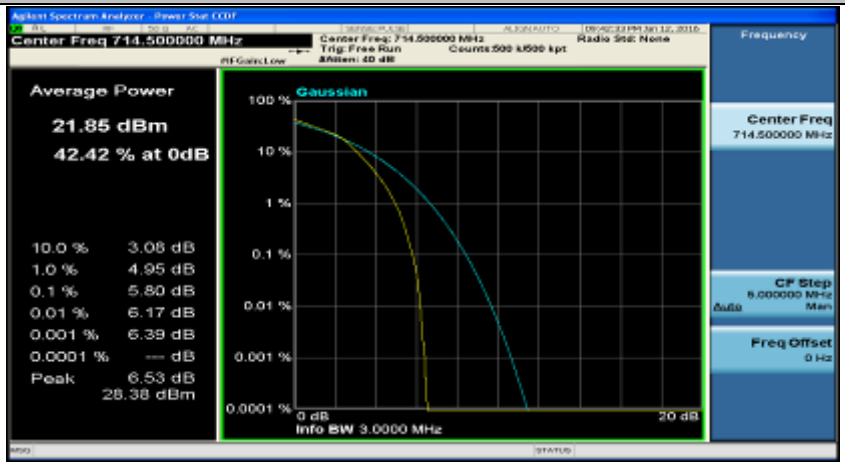
(Channel Bandwidth 3 MHz)_HCH_16QAM_1RB#7



(Channel Bandwidth 3 MHz)_HCH_16QAM_1RB#14



(Channel Bandwidth 3 MHz)_HCH_16QAM_8RB#0



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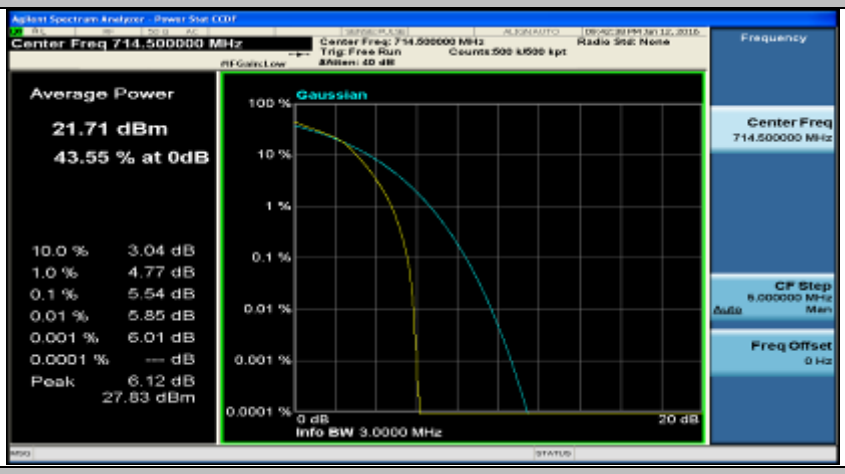
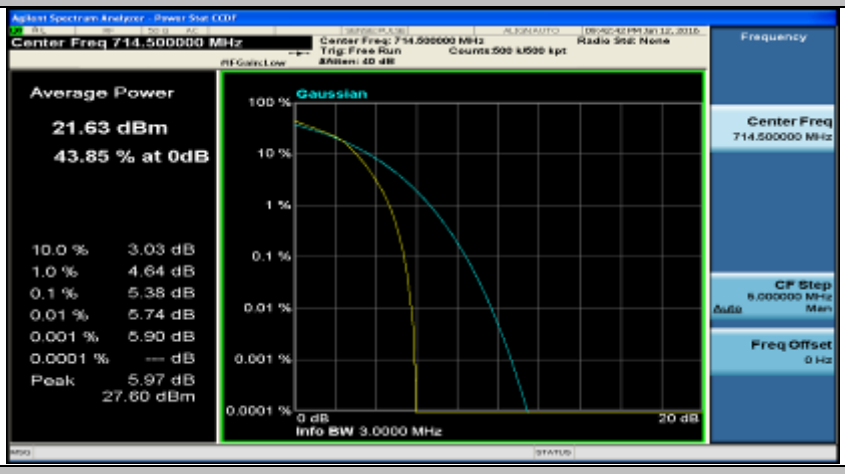
(Channel Bandwidth 3 MHz)_HCH_16QAM_8RB#4



(Channel Bandwidth 3 MHz)_HCH_16QAM_8RB#7



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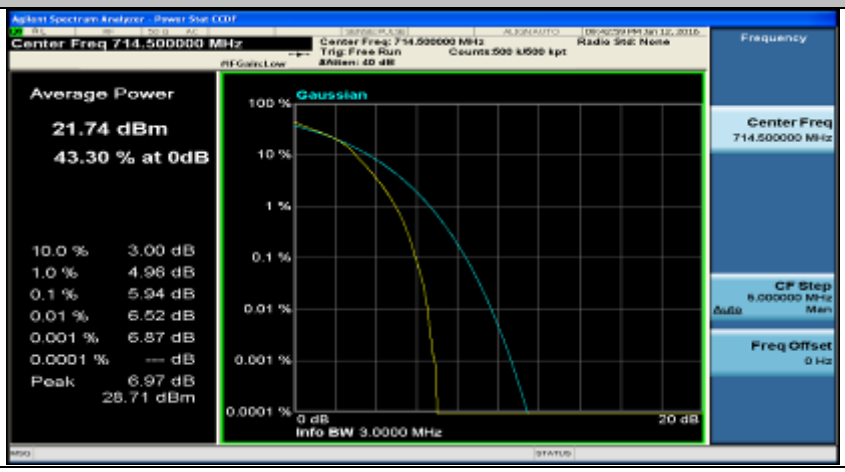

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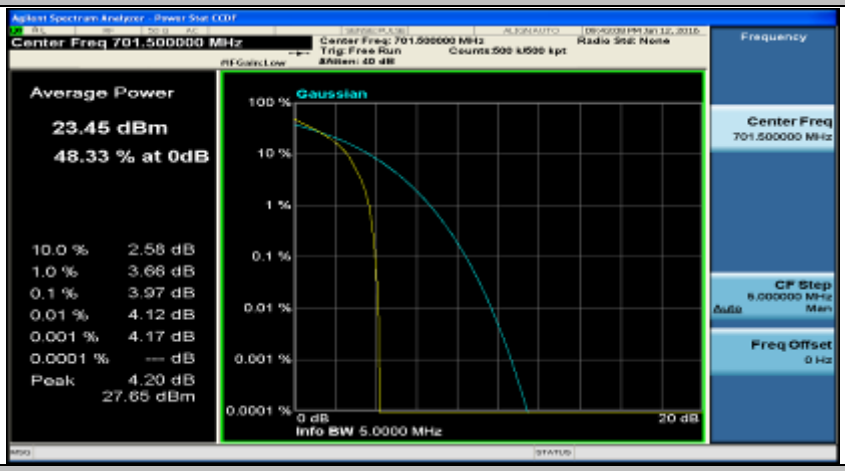
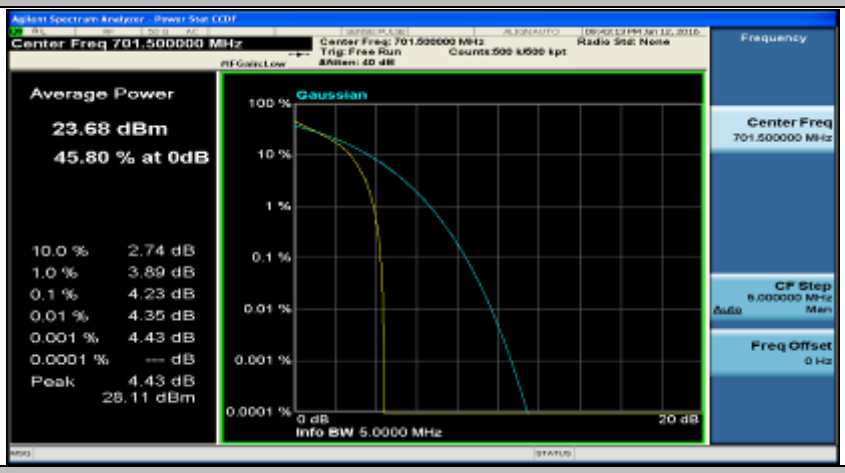
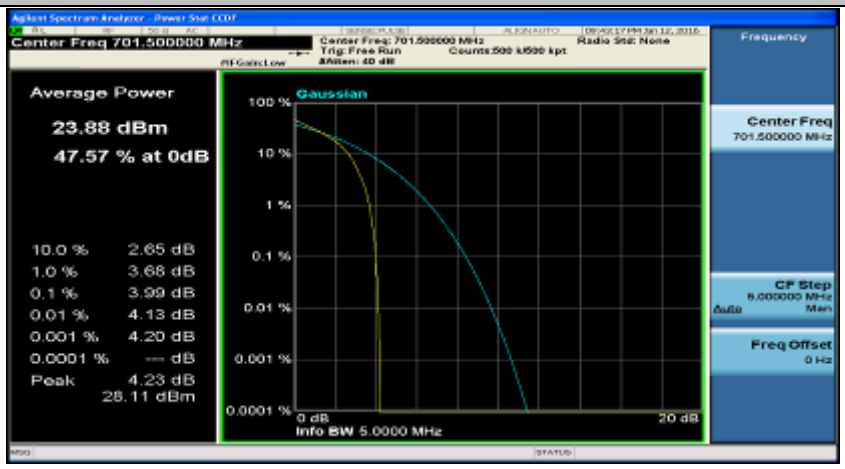
(Channel Bandwidth 5 MHz)_LCH_QPSK_1RB#0



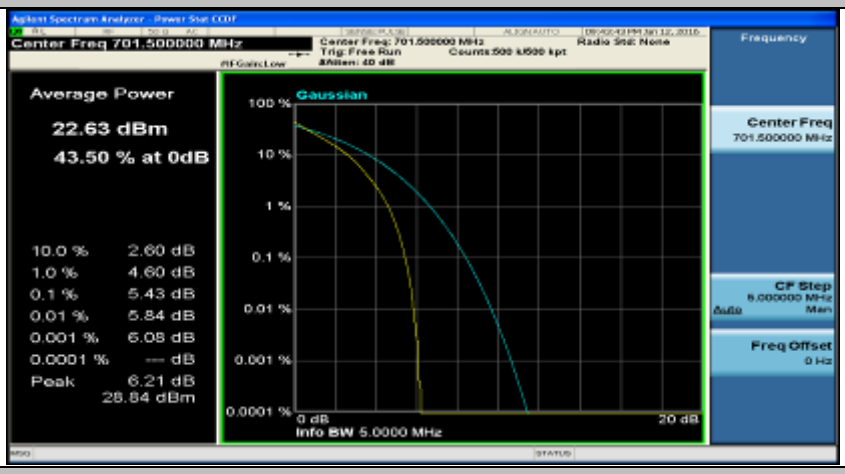
(Channel Bandwidth 5 MHz)_LCH_QPSK_1RB#12



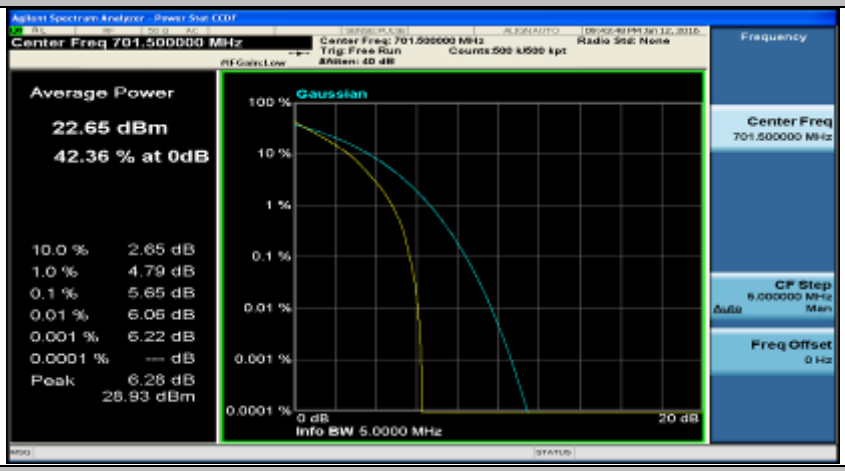
(Channel Bandwidth 5 MHz)_LCH_QPSK_1RB#24



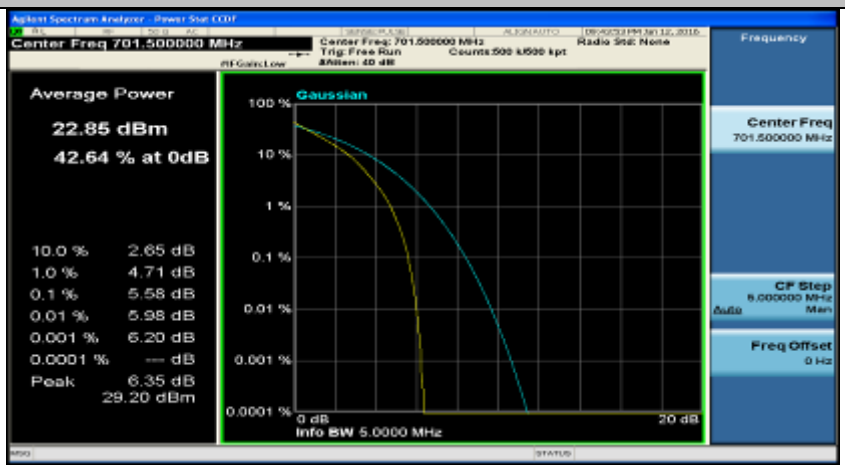
(Channel Bandwidth 5 MHz)_LCH_QPSK_12RB#0



(Channel Bandwidth 5 MHz)_LCH_QPSK_12RB#6



(Channel Bandwidth 5 MHz)_LCH_QPSK_12RB#13



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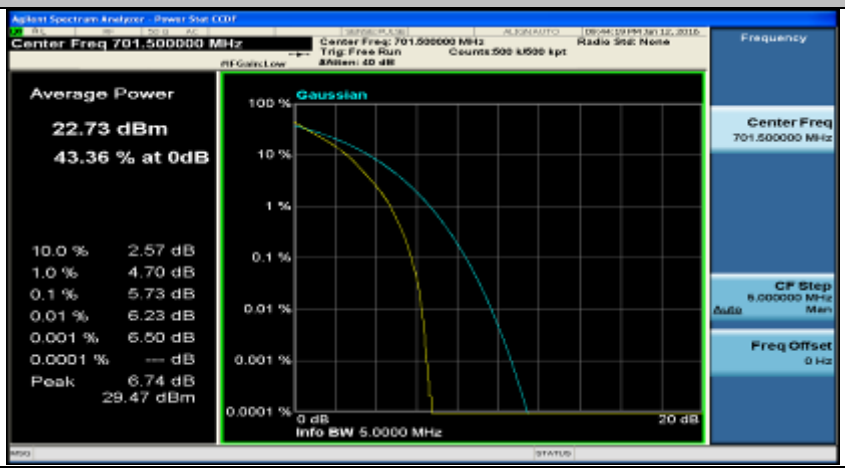
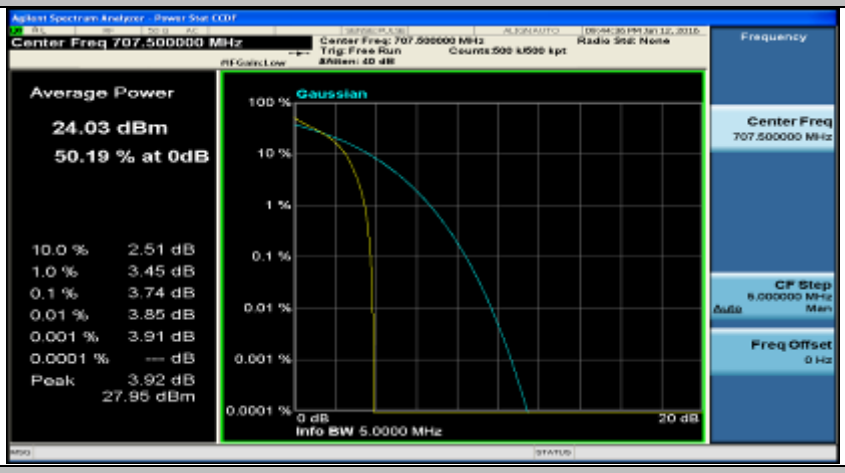
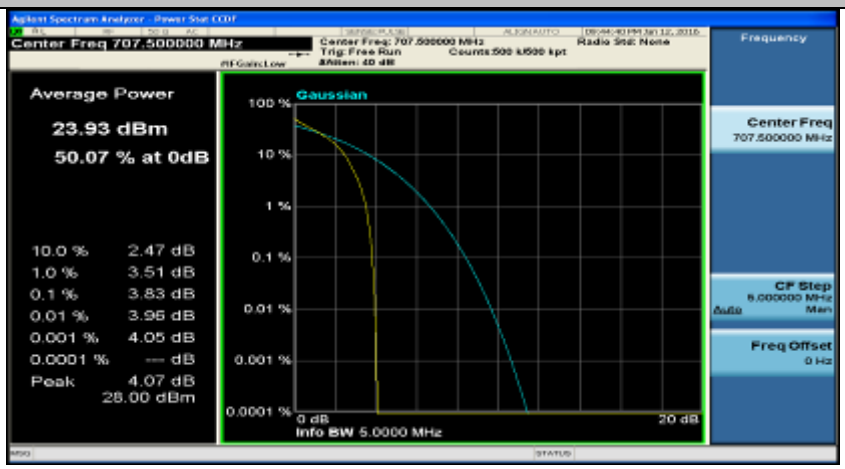
(Channel Bandwidth 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth 5 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth 5 MHz)_MCH_QPSK_1RB#12



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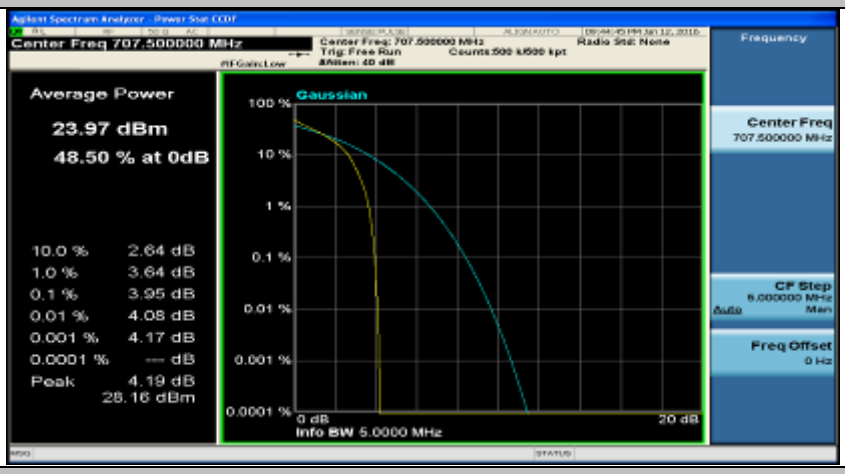
(Channel Bandwidth 5 MHz)_MCH_QPSK_1RB#24



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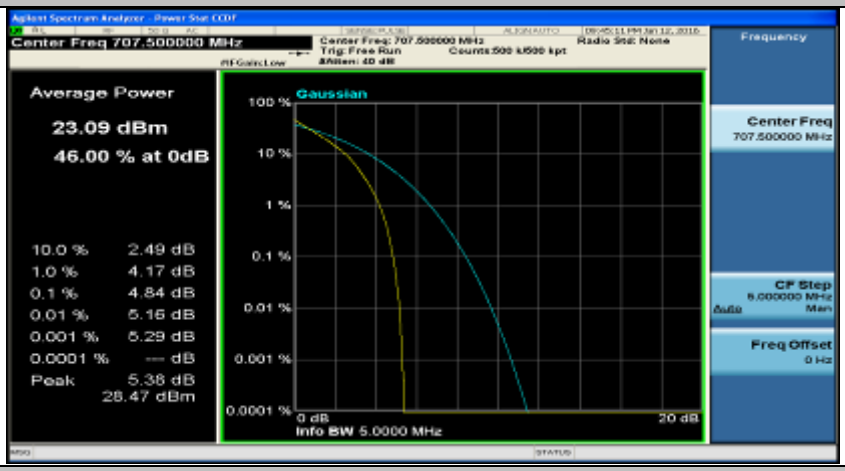
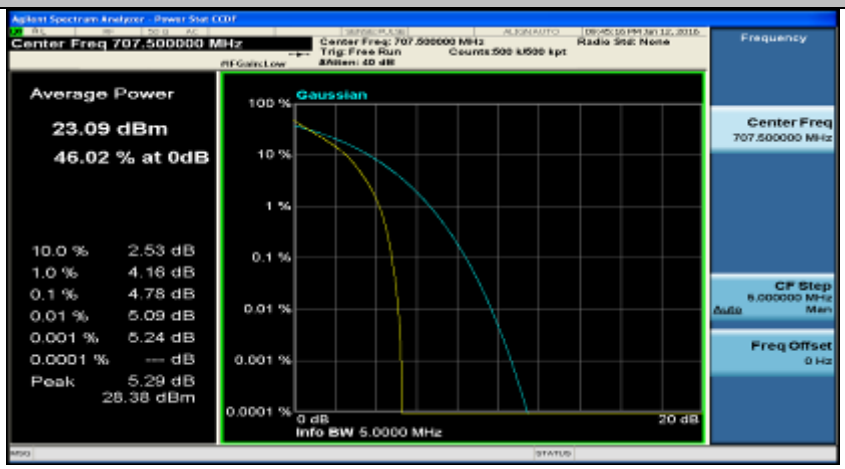


(Channel Bandwidth 5 MHz)_MCH_QPSK_12RB#6



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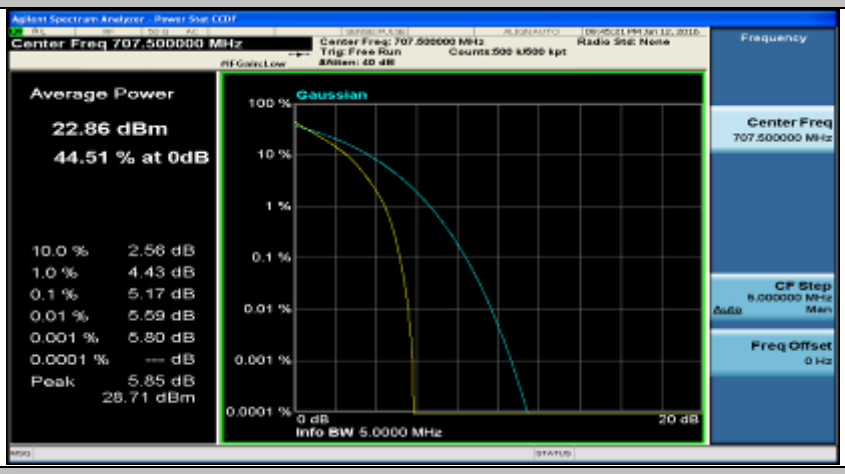
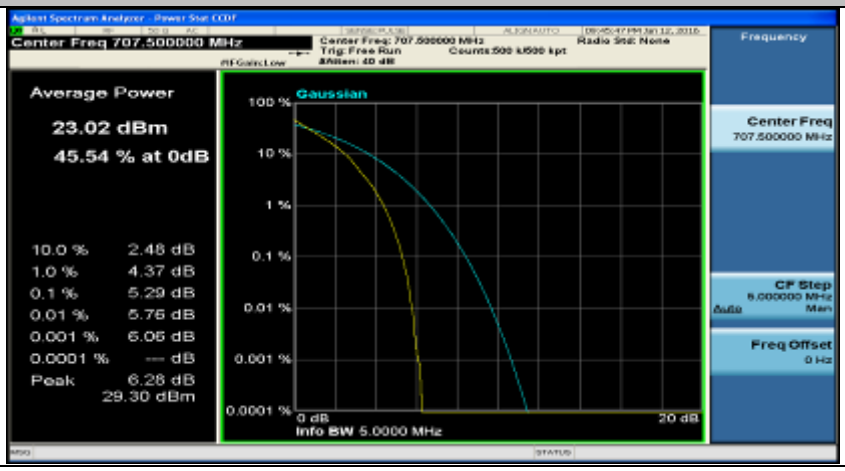
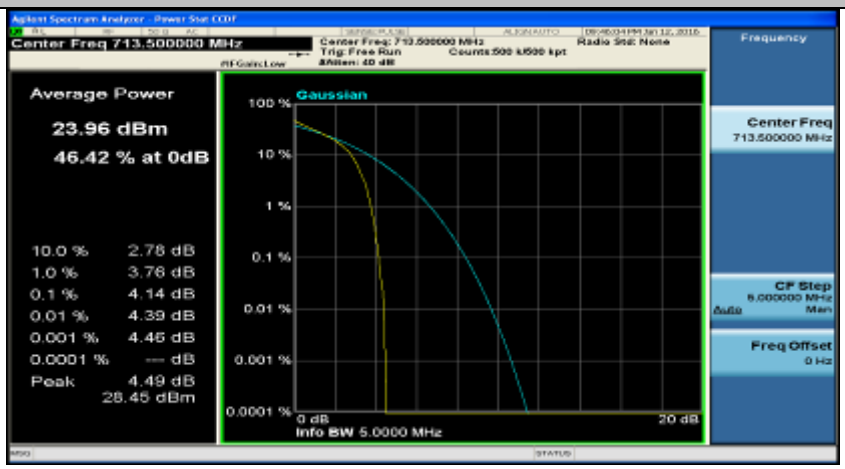
(Channel Bandwidth 5 MHz)_MCH_QPSK_12RB#13



(Channel Bandwidth 5 MHz)_MCH_QPSK_25RB#0



(Channel Bandwidth 5 MHz)_HCH_QPSK_1RB#0



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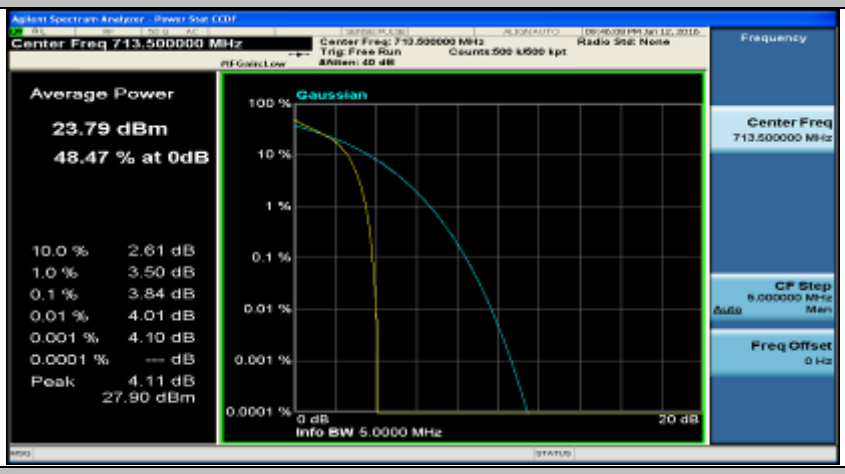
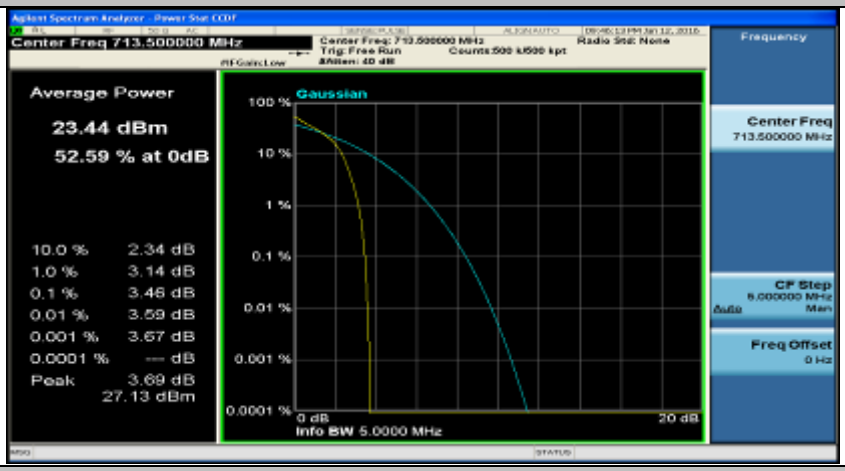
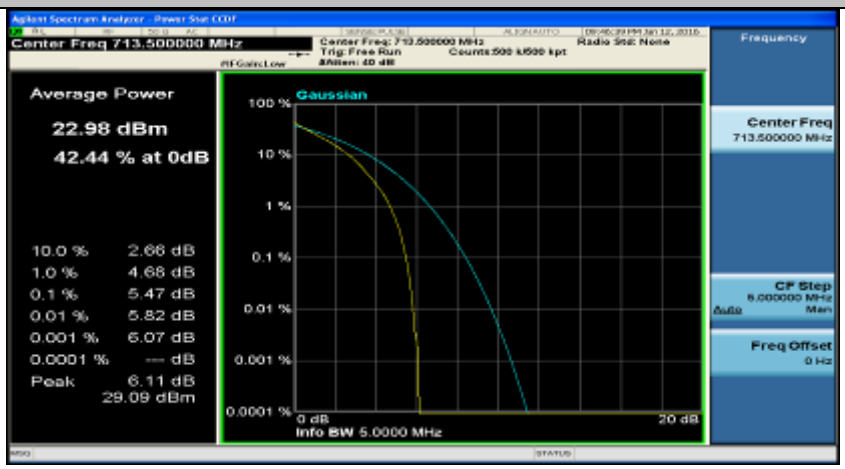
(Channel Bandwidth 5 MHz)_HCH_QPSK_1RB#12



(Channel Bandwidth 5 MHz)_HCH_QPSK_1RB#24



(Channel Bandwidth 5 MHz)_HCH_QPSK_12RB#0



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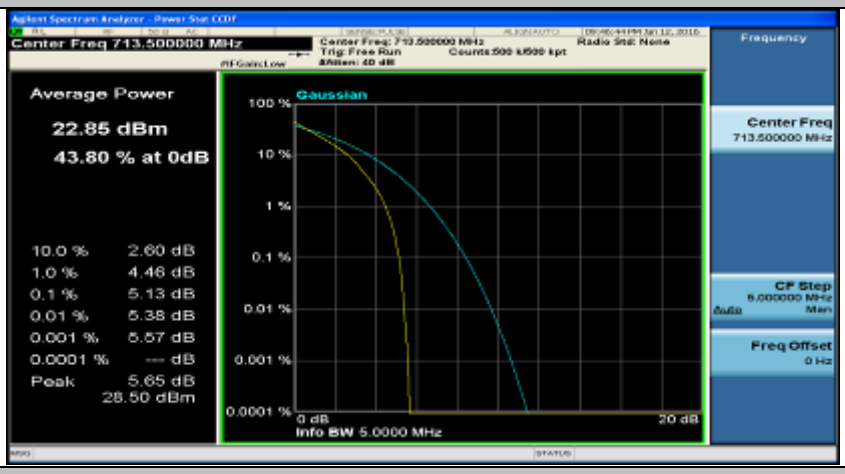
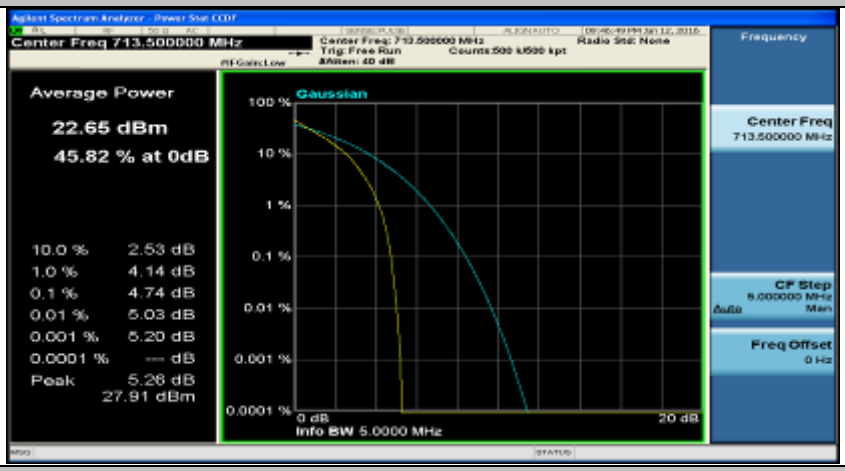
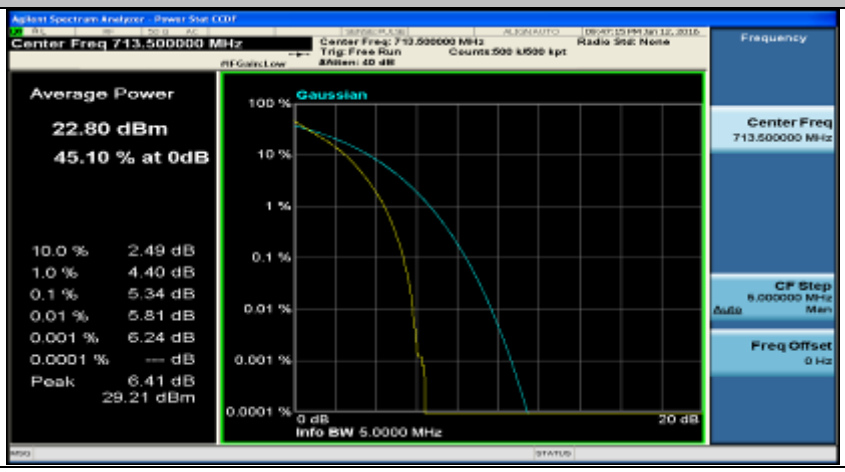
(Channel Bandwidth 5 MHz)_HCH_QPSK_12RB#6



(Channel Bandwidth 5 MHz)_HCH_QPSK_12RB#13



(Channel Bandwidth 5 MHz)_HCH_QPSK_25RB#0



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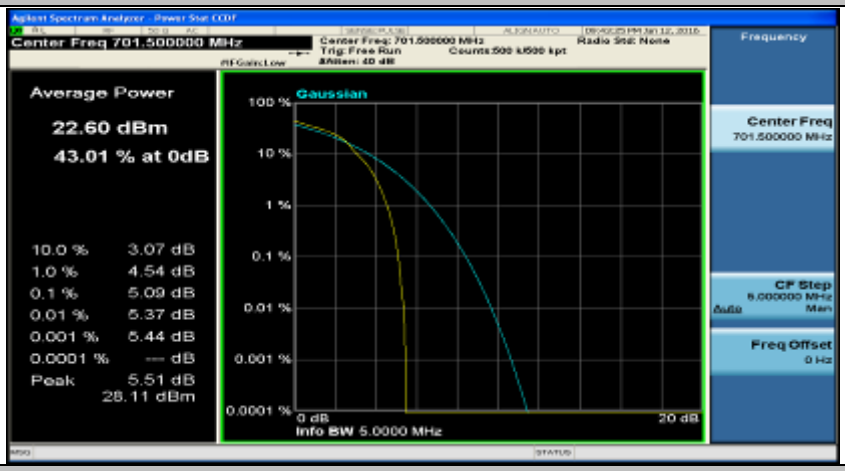
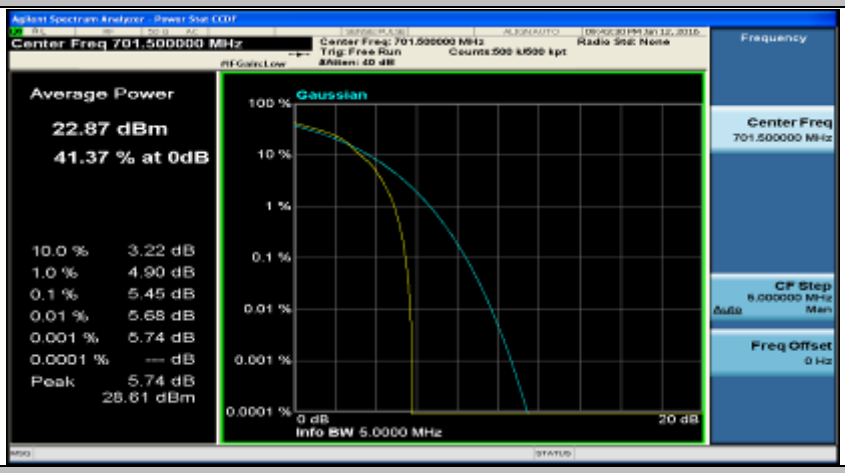
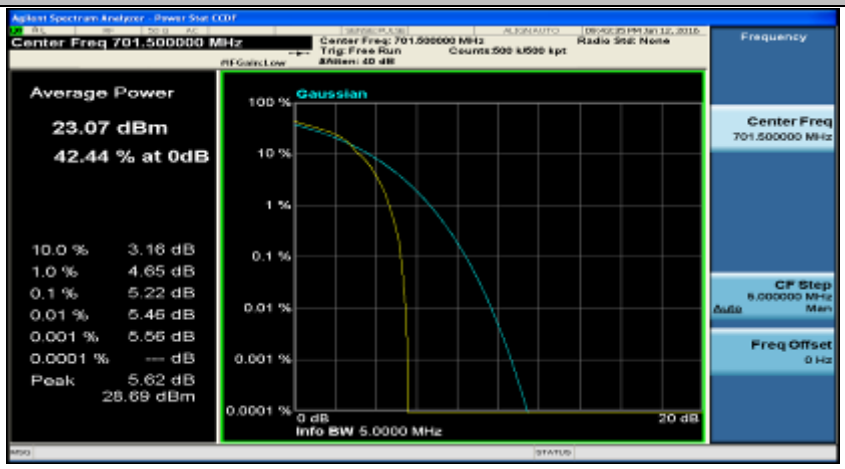
(Channel Bandwidth 5 MHz)_LCH_16QAM_1RB#0



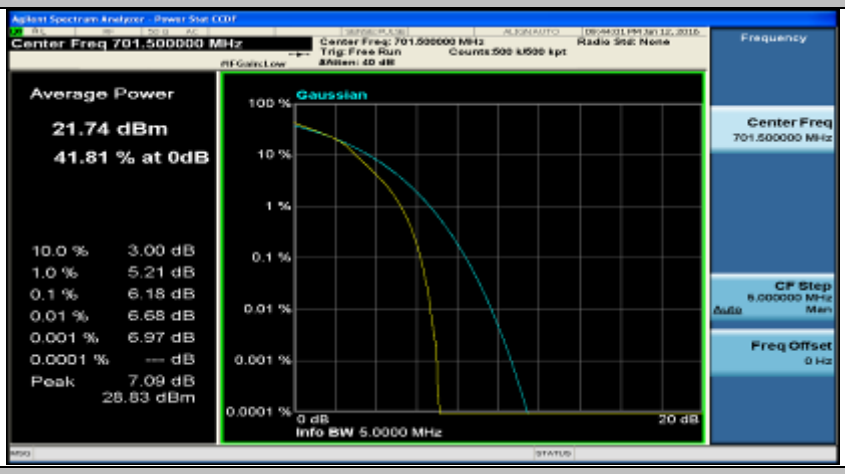
(Channel Bandwidth 5 MHz)_LCH_16QAM_1RB#12



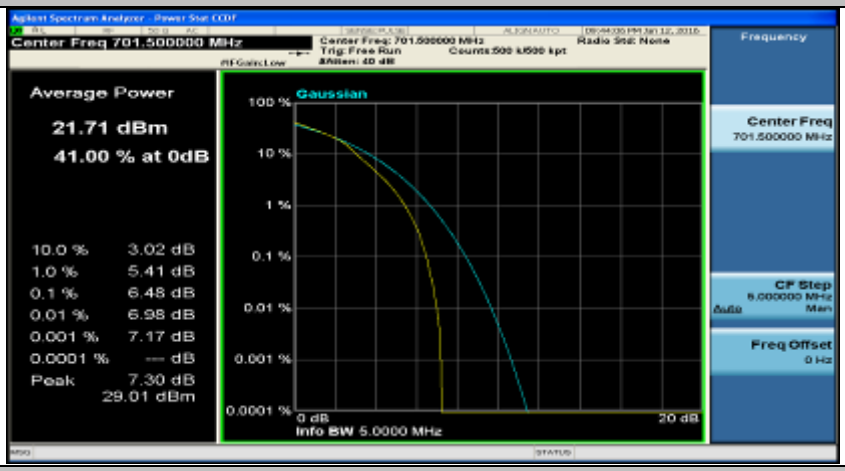
(Channel Bandwidth 5 MHz)_LCH_16QAM_1RB#24



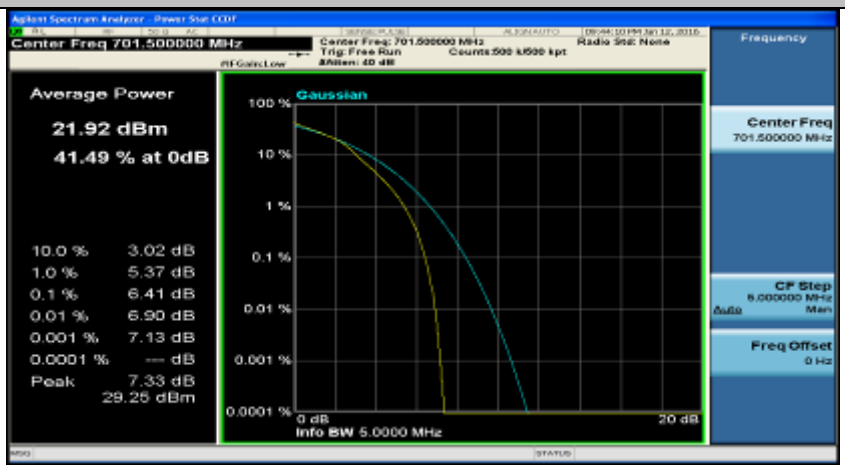
(Channel Bandwidth 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth 5 MHz)_LCH_16QAM_12RB#13



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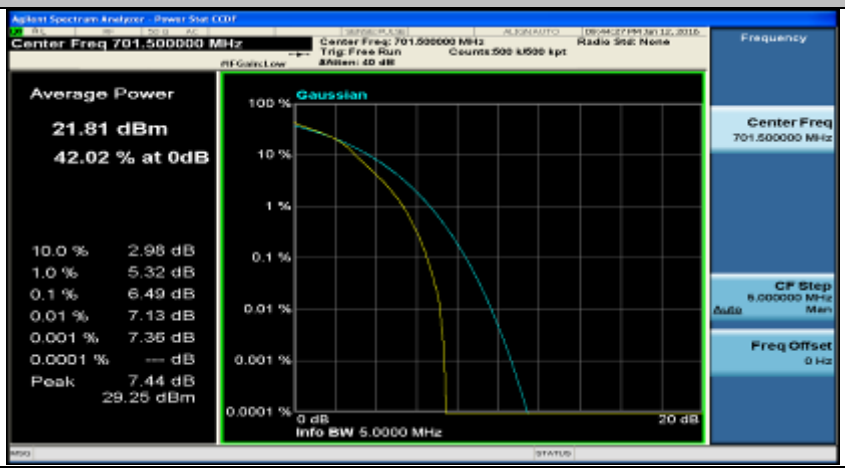
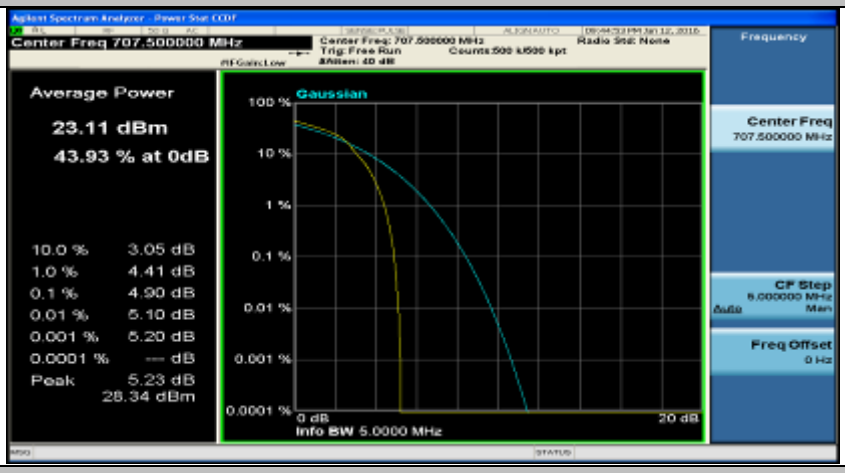
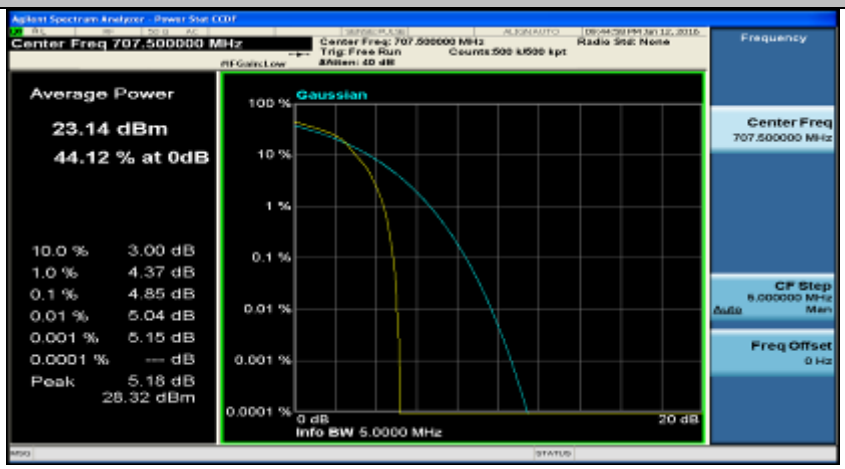
(Channel Bandwidth 5 MHz)_LCH_16QAM_25RB#0



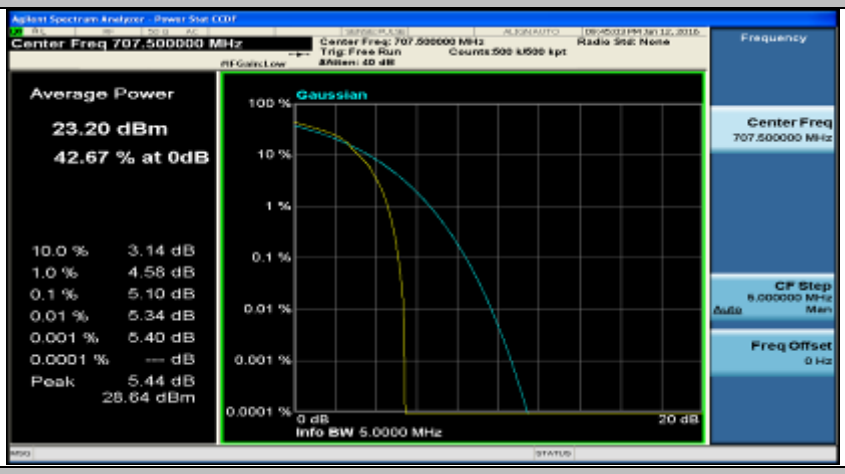
(Channel Bandwidth 5 MHz)_MCH_16QAM_1RB#0



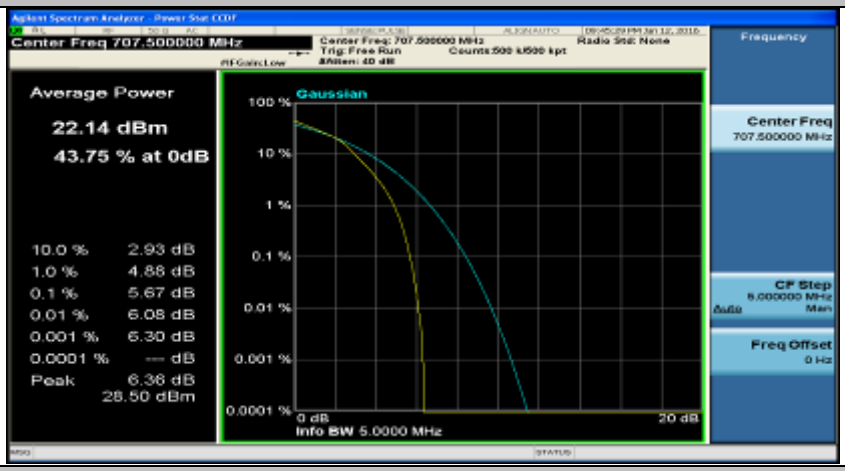
(Channel Bandwidth 5 MHz)_MCH_16QAM_1RB#12



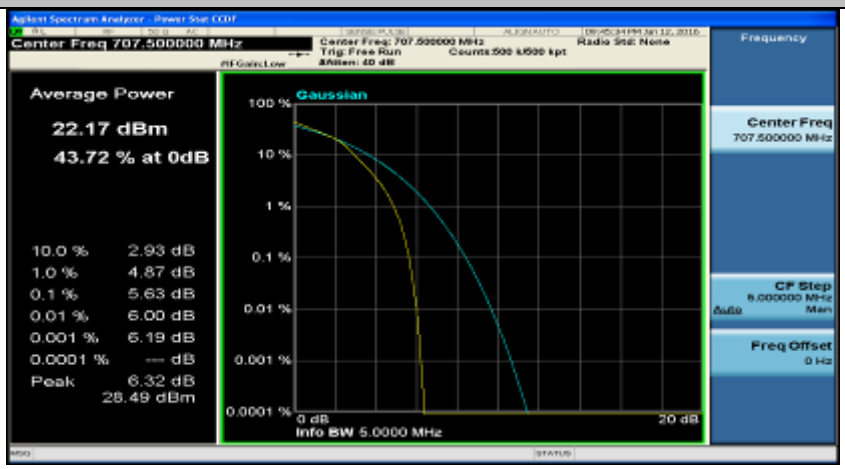
(Channel Bandwidth 5 MHz)_MCH_16QAM_1RB#24



(Channel Bandwidth 5 MHz)_MCH_16QAM_12RB#0



(Channel Bandwidth 5 MHz)_MCH_16QAM_12RB#6



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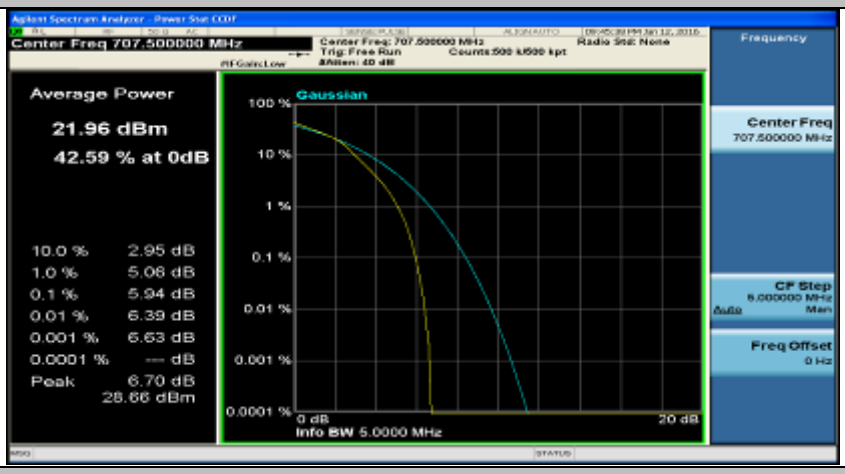
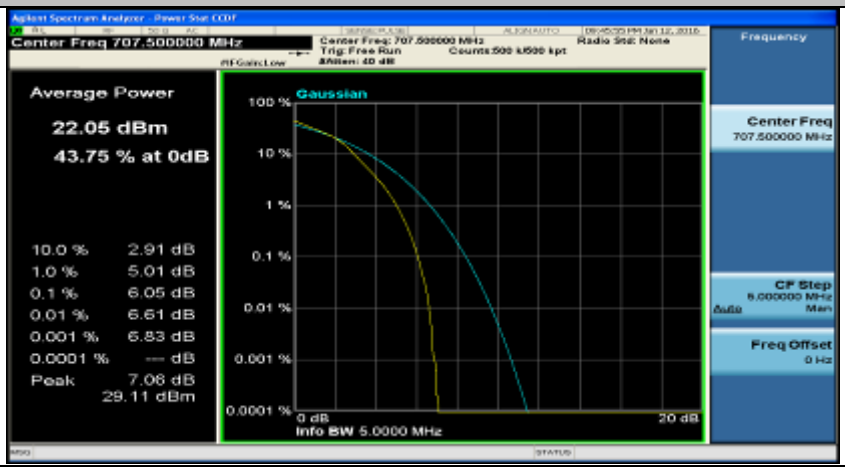
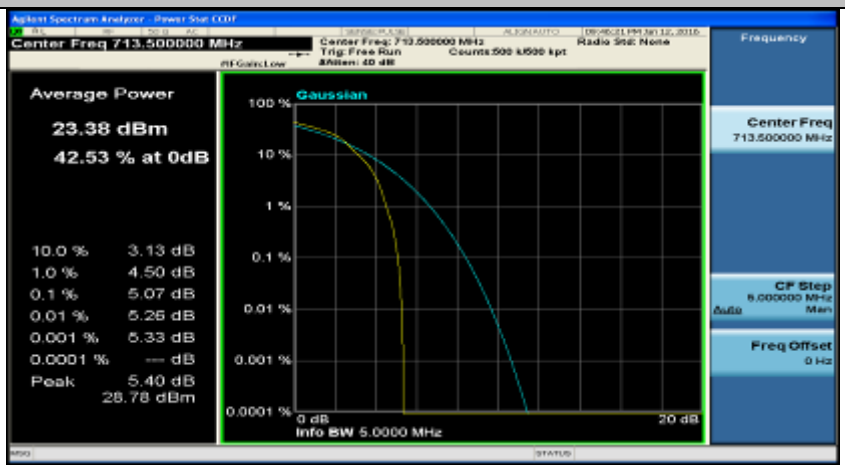
(Channel Bandwidth 5 MHz)_MCH_16QAM_12RB#13



(Channel Bandwidth 5 MHz)_MCH_16QAM_25RB#0



(Channel Bandwidth 5 MHz)_HCH_16QAM_1RB#0



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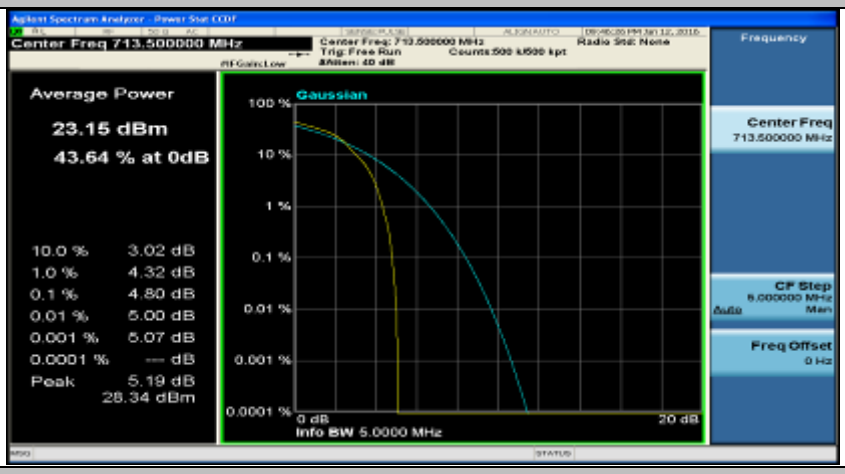
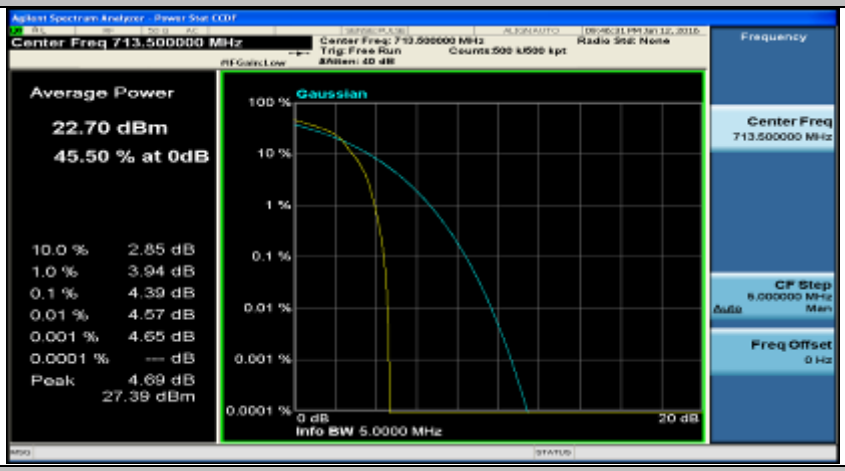
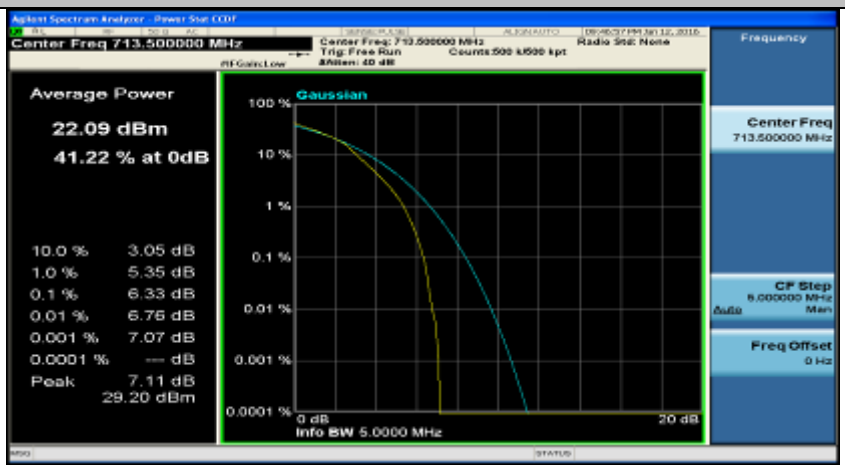
(Channel Bandwidth 5 MHz)_HCH_16QAM_1RB#12



(Channel Bandwidth 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth 5 MHz)_HCH_16QAM_12RB#0



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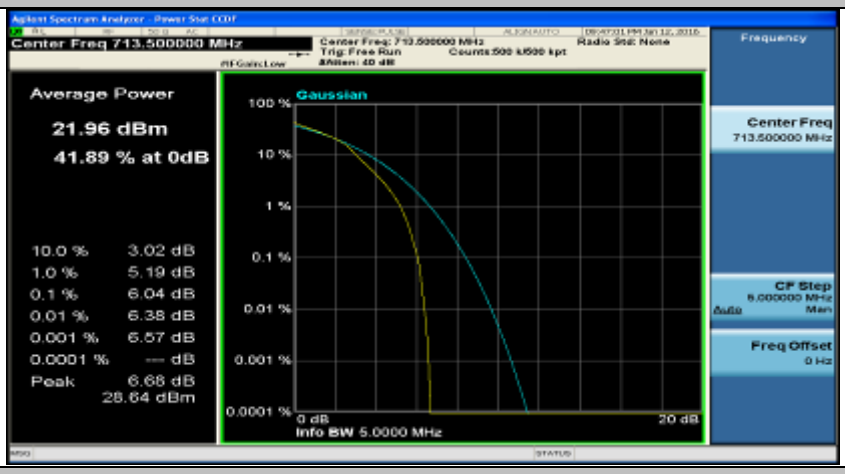
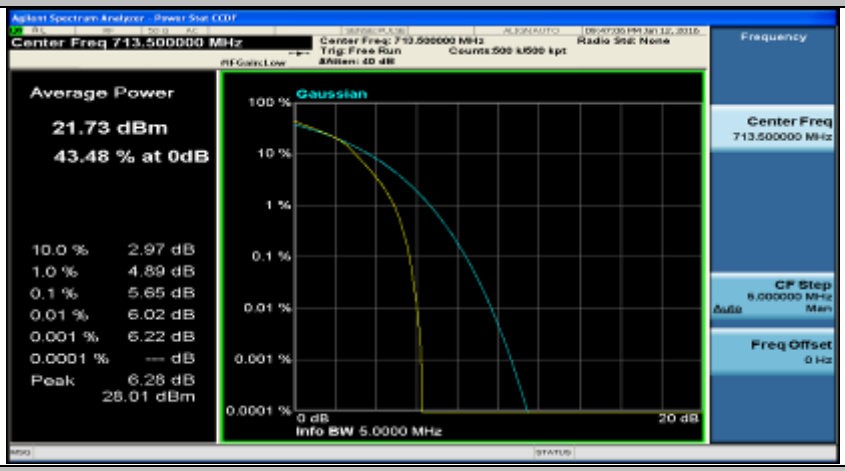
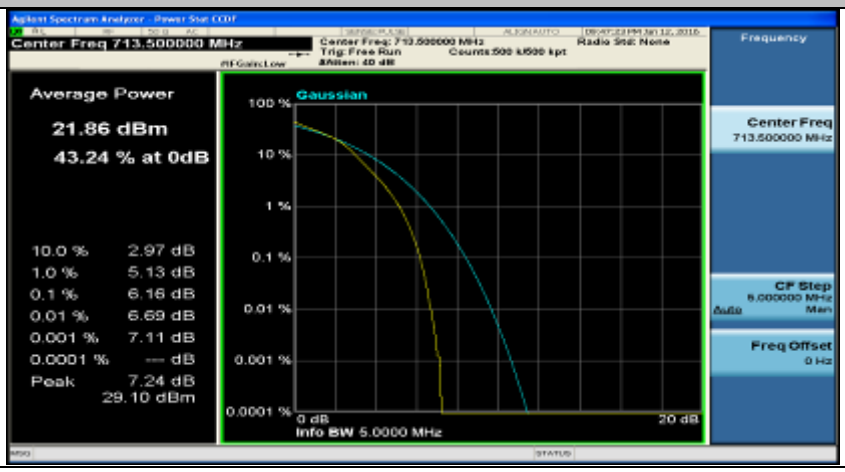
(Channel Bandwidth 5 MHz)_HCH_16QAM_12RB#6



(Channel Bandwidth 5 MHz)_HCH_16QAM_12RB#13



(Channel Bandwidth 5 MHz)_HCH_16QAM_25RB#0



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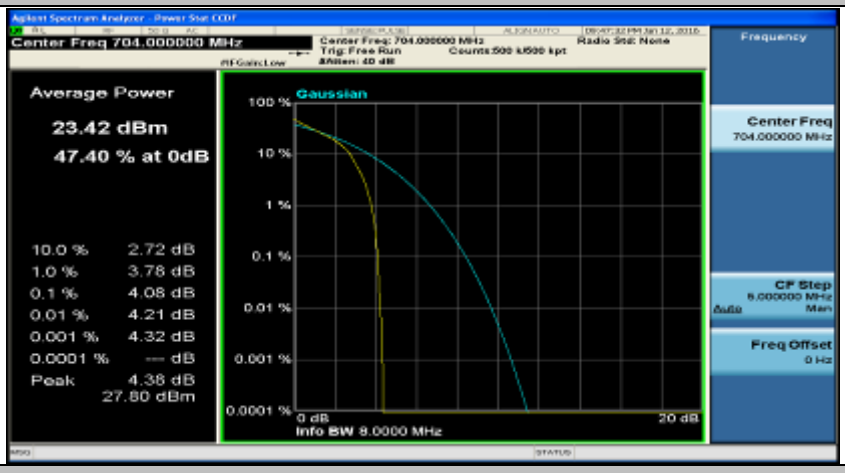
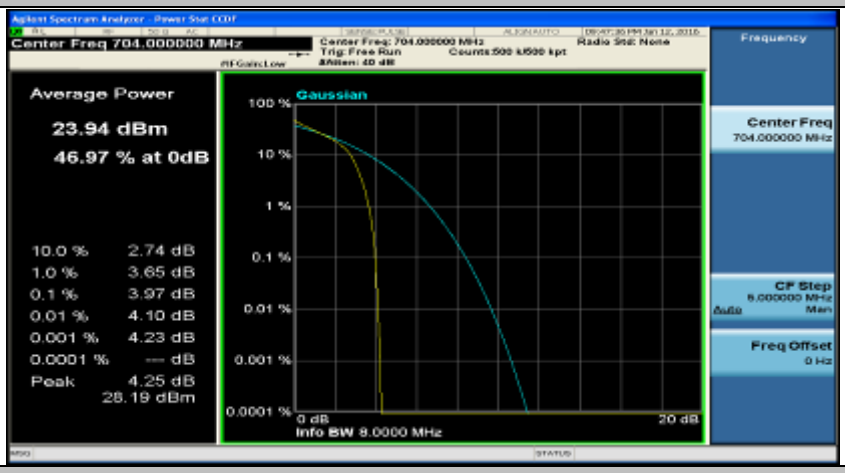
Channel Bandwidth 10 MHz_LCH_QPSK_1RB#0



Channel Bandwidth 10 MHz_LCH_QPSK_1RB#24



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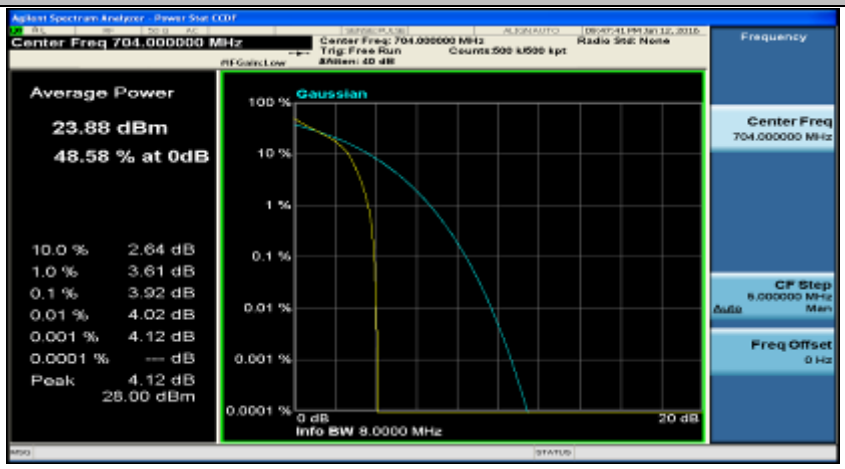

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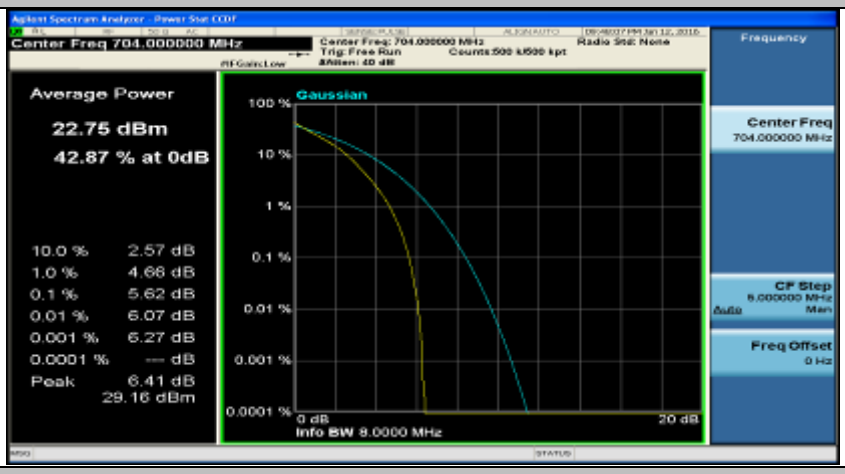
Channel Bandwidth 10 MHz_LCH_QPSK_25RB#0



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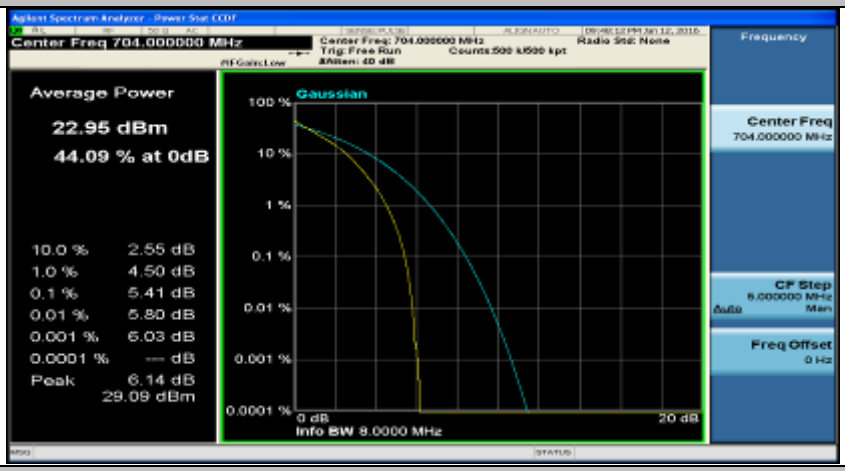
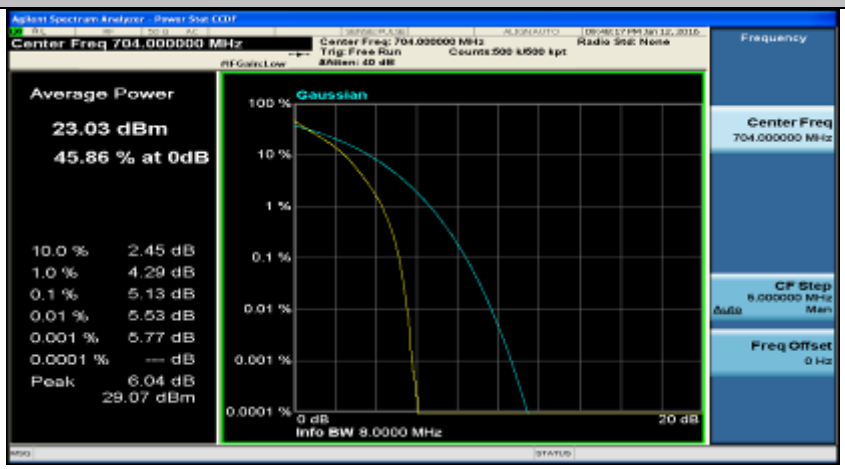


Channel Bandwidth 10 MHz_LCH_QPSK_25RB#25



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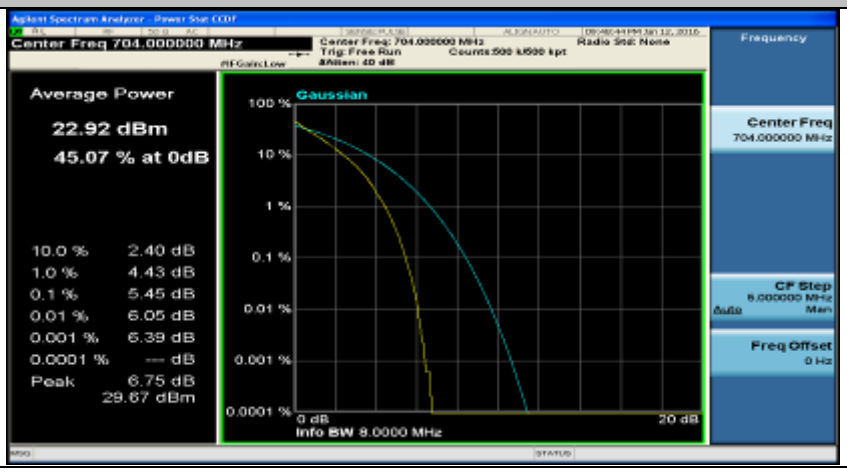
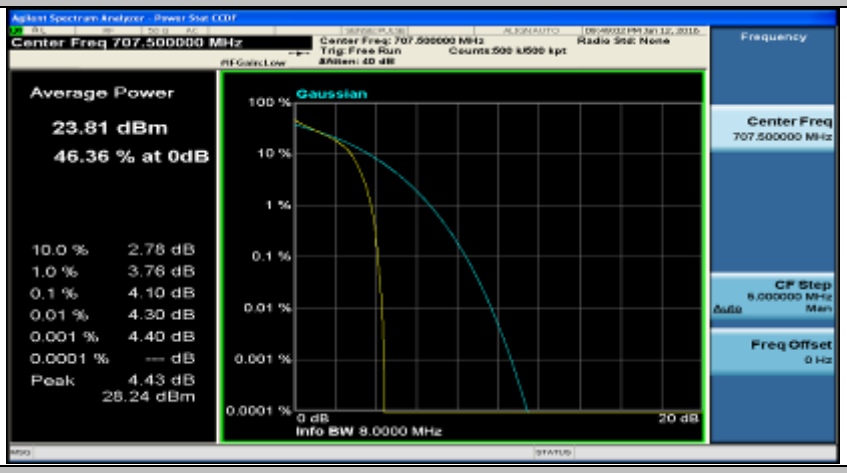
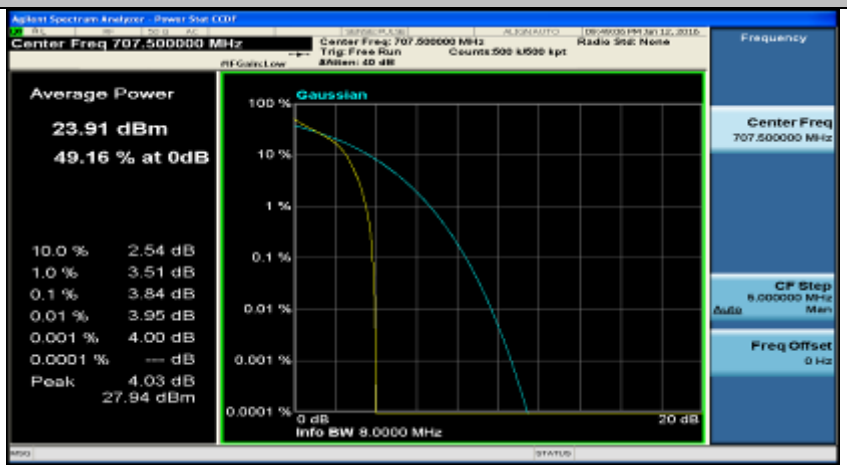
Channel Bandwidth 10 MHz_LCH_QPSK_50RB#0



Channel Bandwidth 10 MHz_MCH_QPSK_1RB#0



Channel Bandwidth 10 MHz_MCH_QPSK_1RB#24



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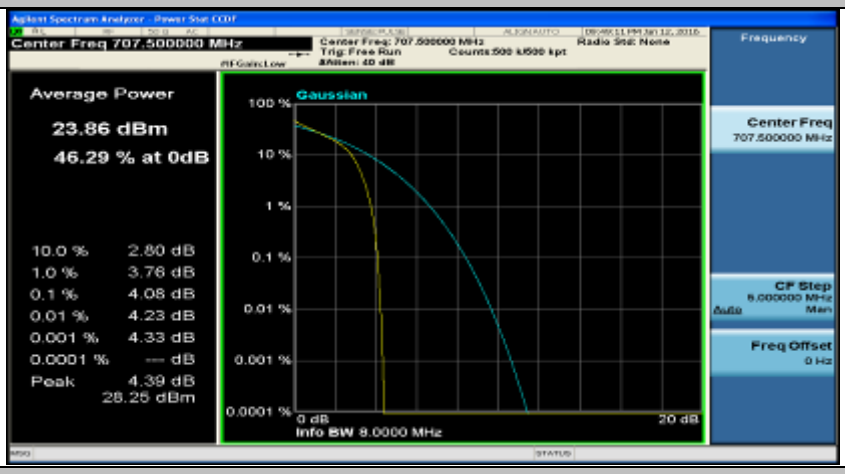
Channel Bandwidth 10 MHz_MCH_QPSK_1RB#49



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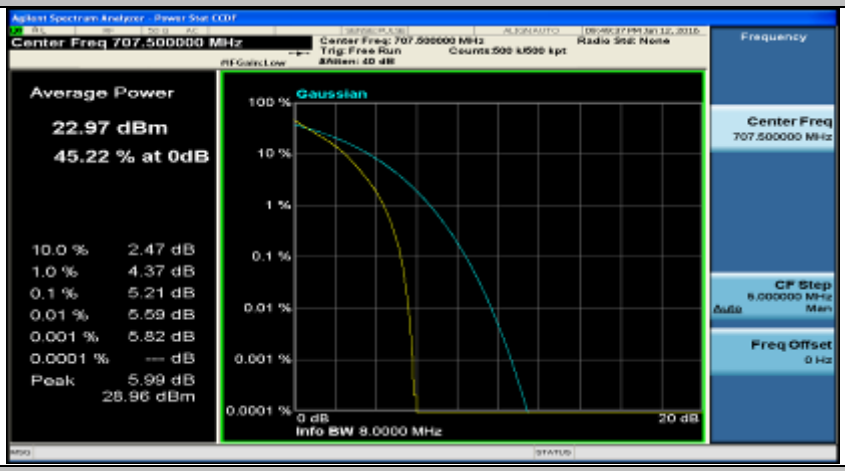
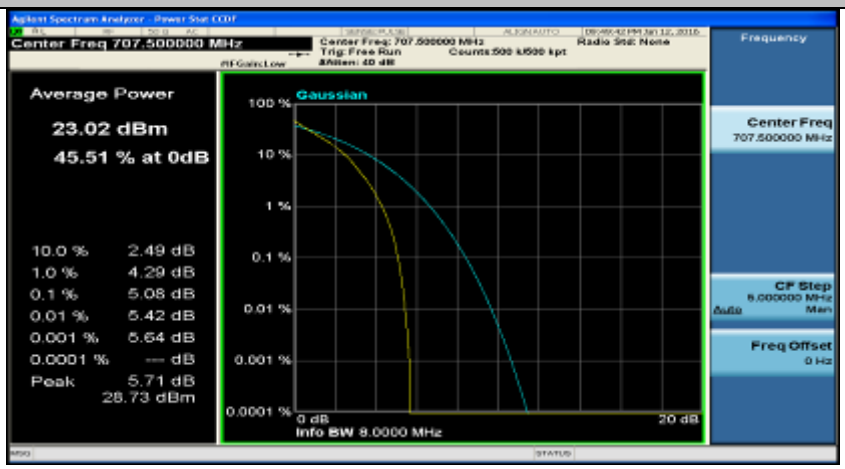


Channel Bandwidth 10 MHz_MCH_QPSK_25RB#12



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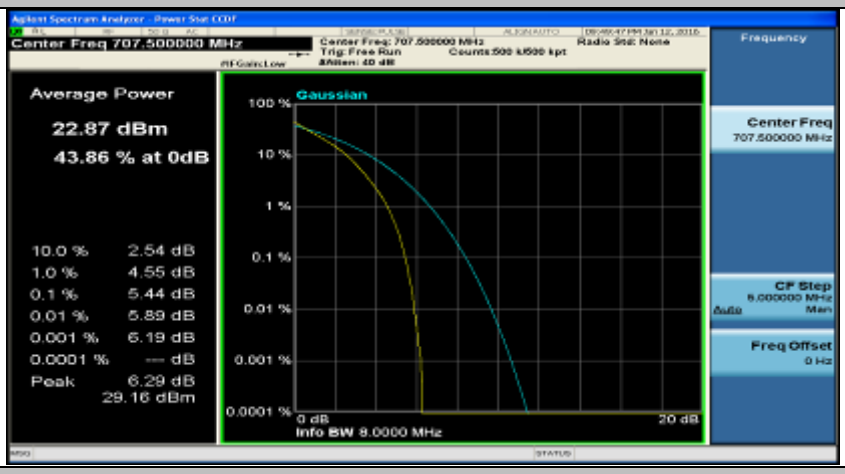
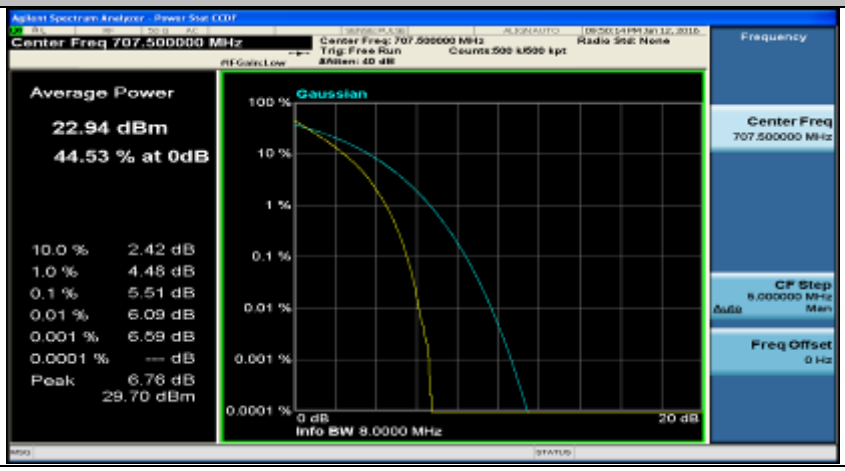
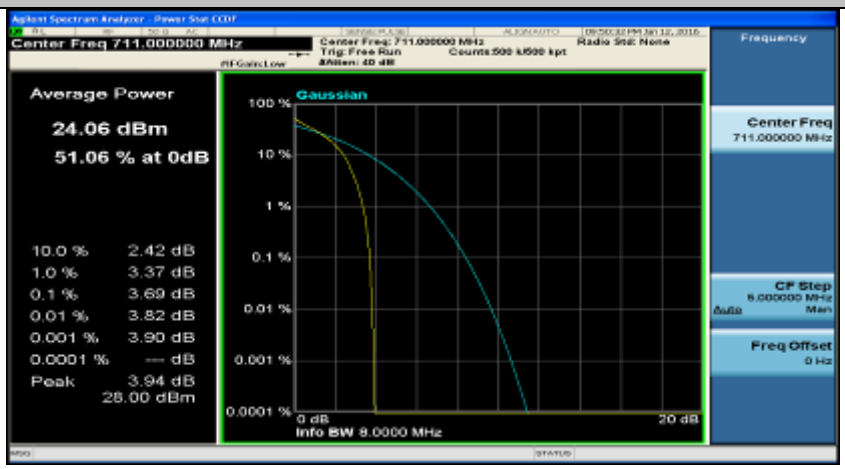
Channel Bandwidth 10 MHz_MCH_QPSK_25RB#25



Channel Bandwidth 10 MHz_MCH_QPSK_50RB#0



Channel Bandwidth 10 MHz_HCH_QPSK_1RB#0



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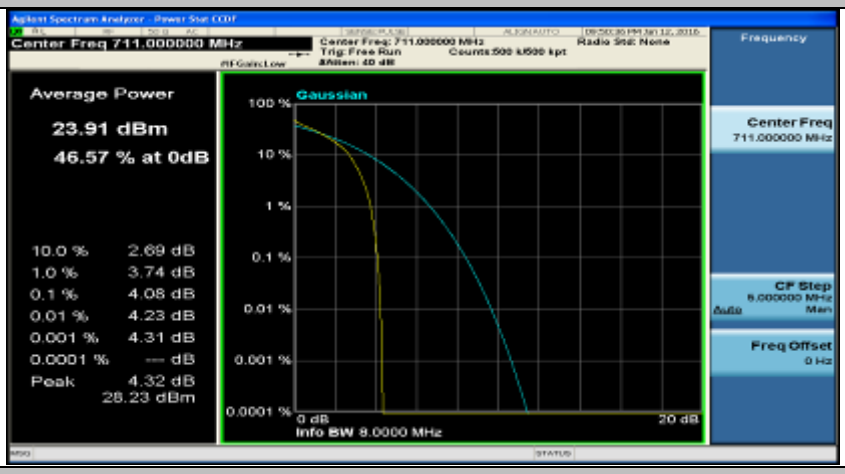
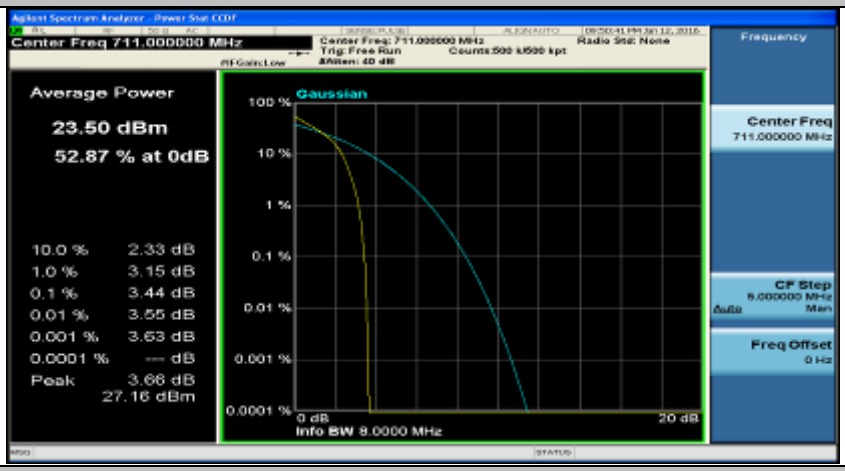
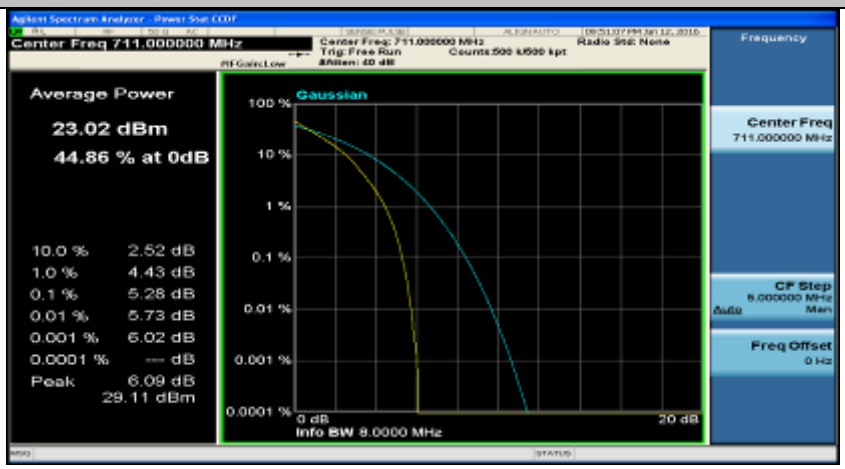
Channel Bandwidth 10 MHz_HCH_QPSK_1RB#24



Channel Bandwidth 10 MHz_HCH_QPSK_1RB#49



Channel Bandwidth 10 MHz_HCH_QPSK_25RB#0



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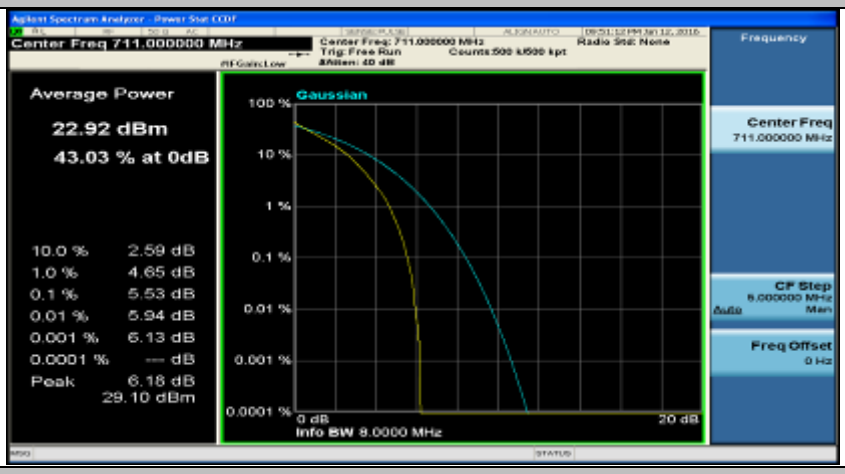
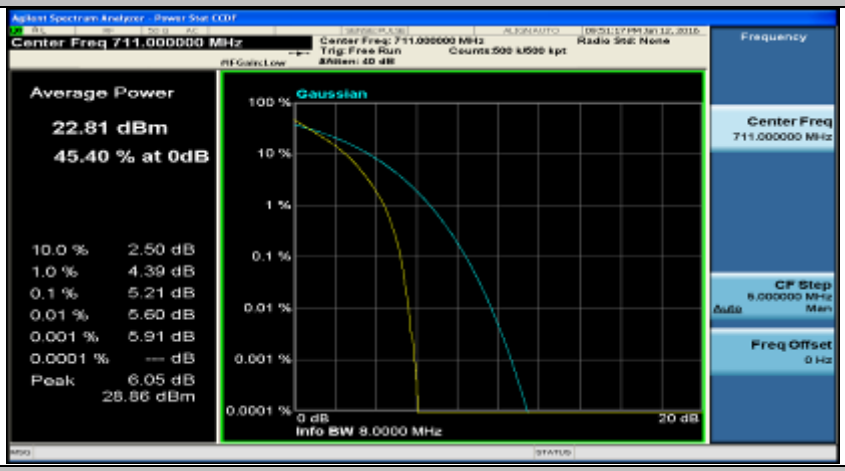
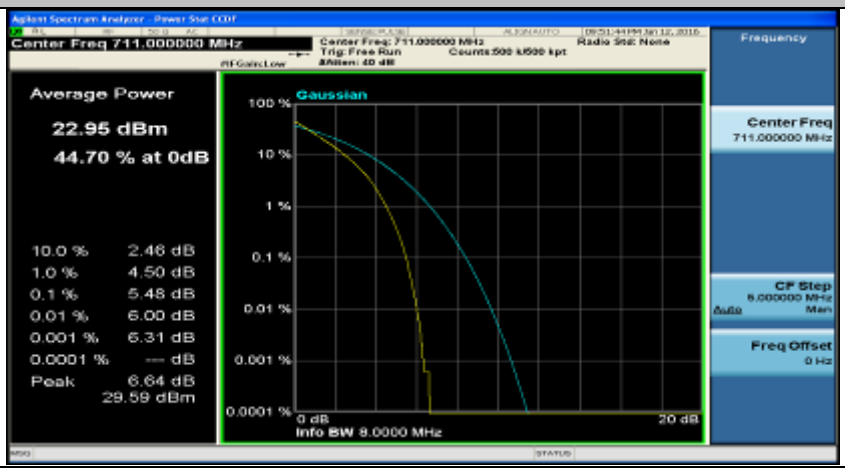
Channel Bandwidth 10 MHz_HCH_QPSK_25RB#12



Channel Bandwidth 10 MHz_HCH_QPSK_25RB#25



Channel Bandwidth 10 MHz_HCH_QPSK_50RB#0



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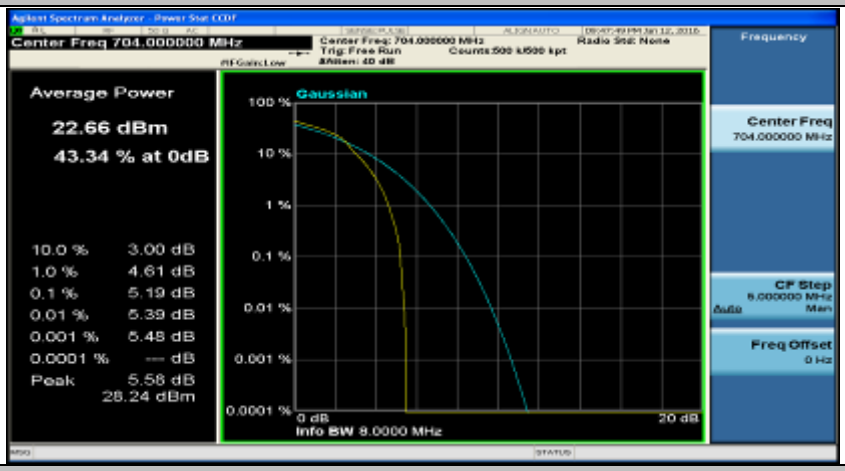
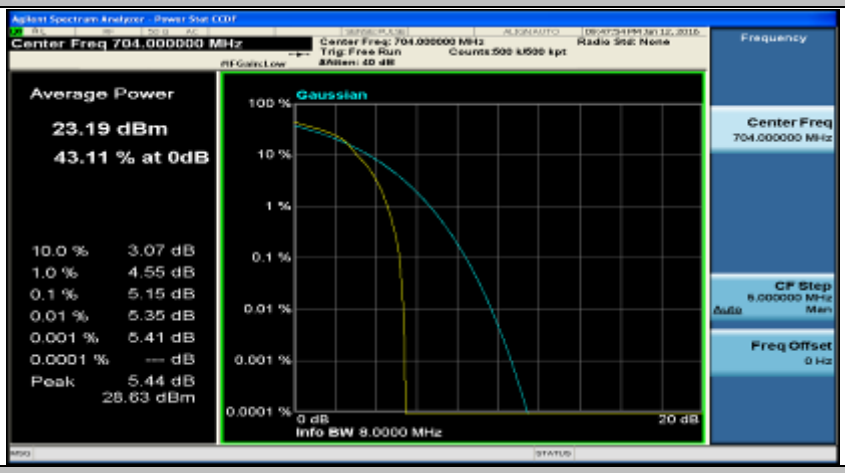
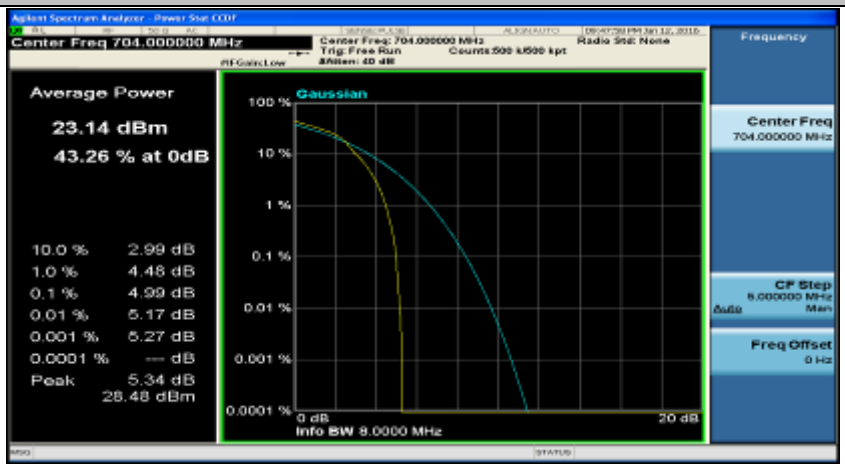
Channel Bandwidth 10 MHz_LCH_16QAM_1RB#0



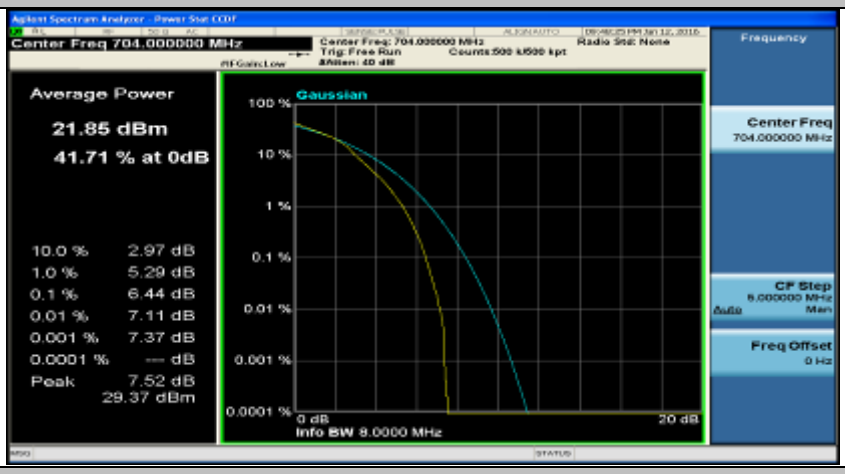
Channel Bandwidth 10 MHz_LCH_16QAM_1RB#24



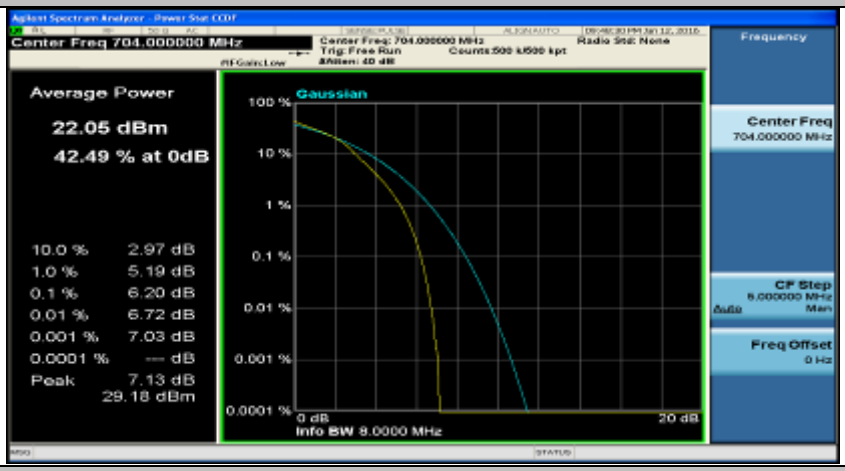
Channel Bandwidth 10 MHz_LCH_16QAM_1RB#49



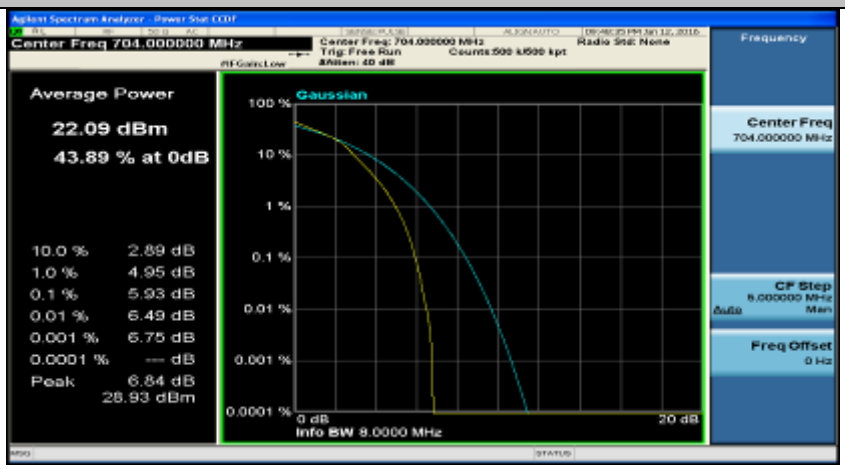
Channel Bandwidth 10 MHz_LCH_16QAM_25RB#0



Channel Bandwidth 10 MHz_LCH_16QAM_25RB#12



Channel Bandwidth 10 MHz_LCH_16QAM_25RB#25



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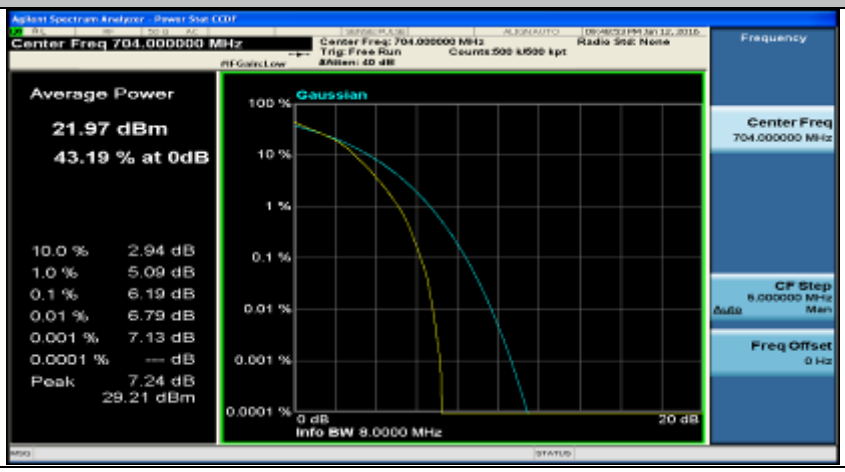
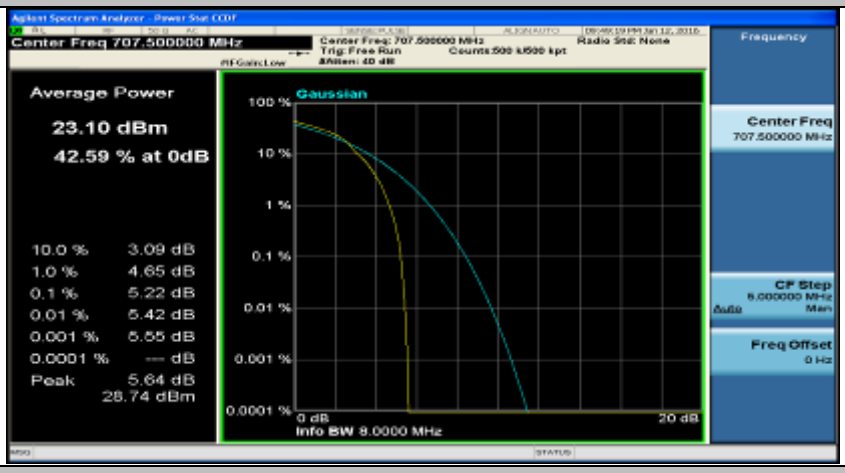
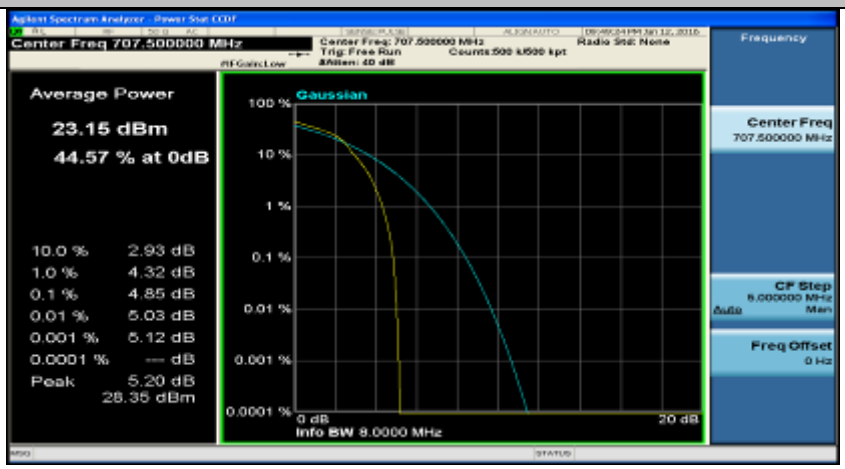
Channel Bandwidth 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth 10 MHz_MCH_16QAM_1RB#0



Channel Bandwidth 10 MHz_MCH_16QAM_1RB#24



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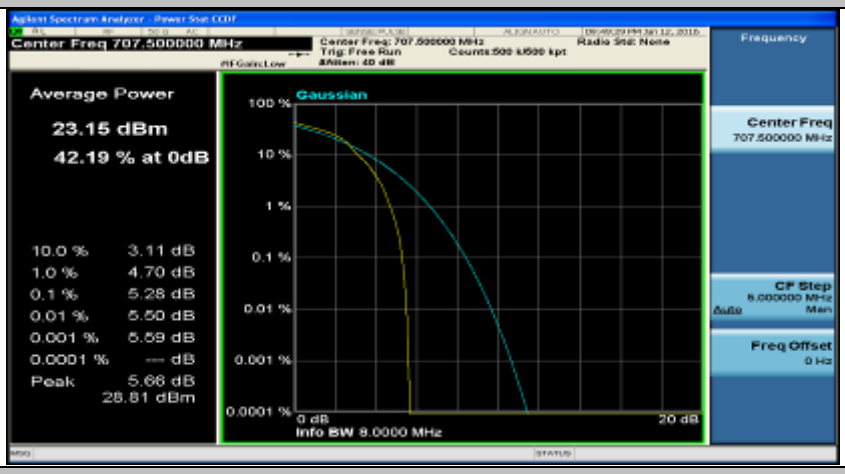
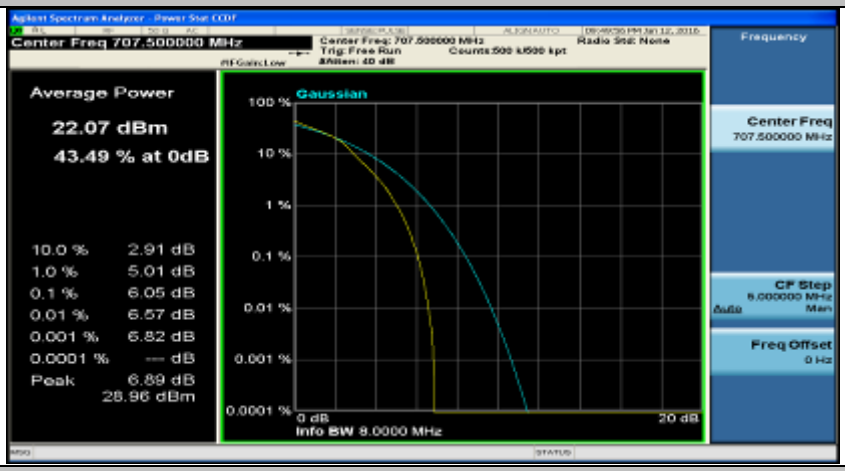
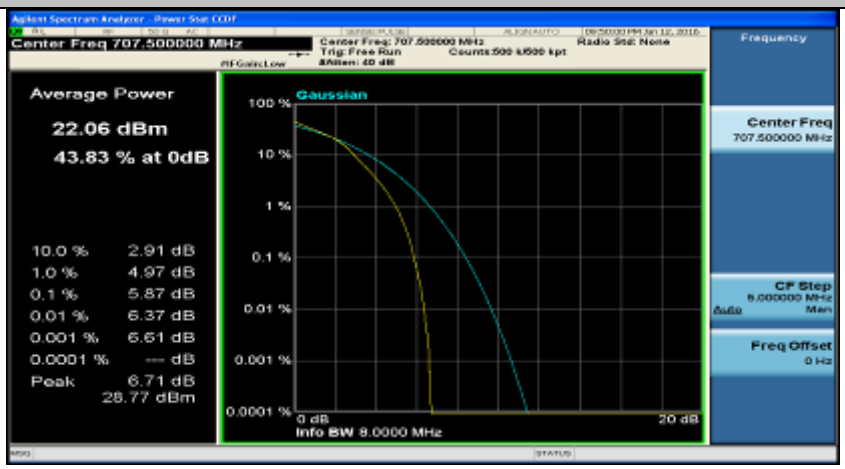
Channel Bandwidth 10 MHz_MCH_16QAM_1RB#49



Channel Bandwidth 10 MHz_MCH_16QAM_25RB#0



Channel Bandwidth 10 MHz_MCH_16QAM_25RB#12



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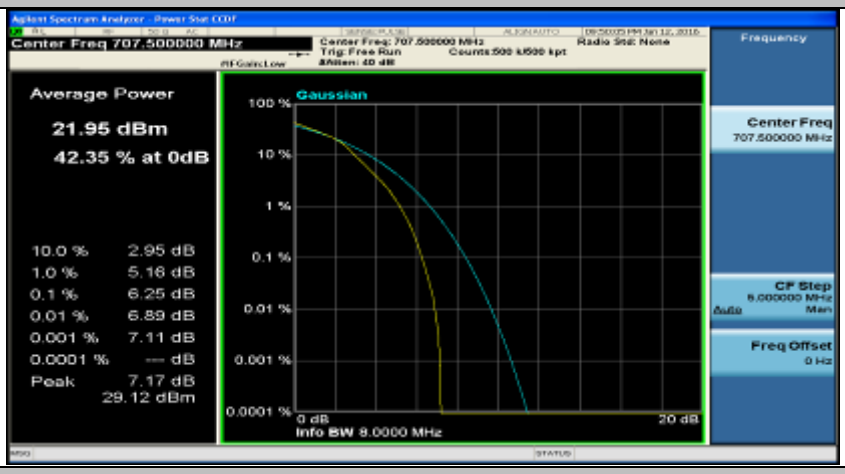
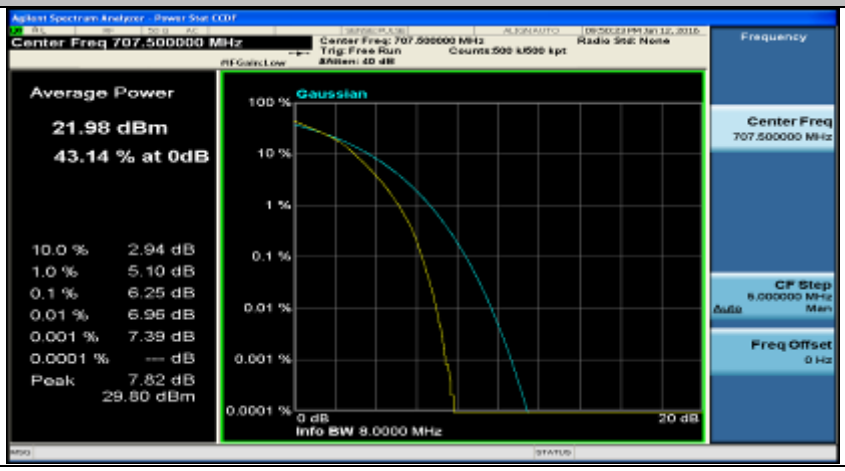
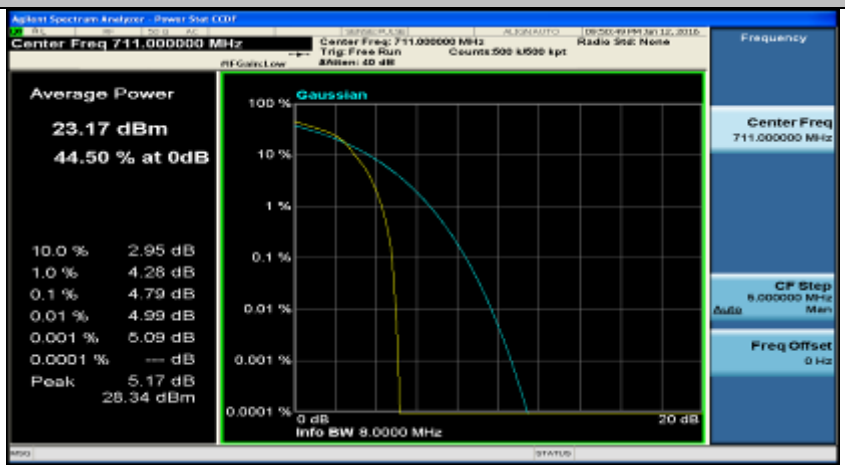
Channel Bandwidth 10 MHz_MCH_16QAM_25RB#25



Channel Bandwidth 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth 10 MHz_HCH_16QAM_1RB#0



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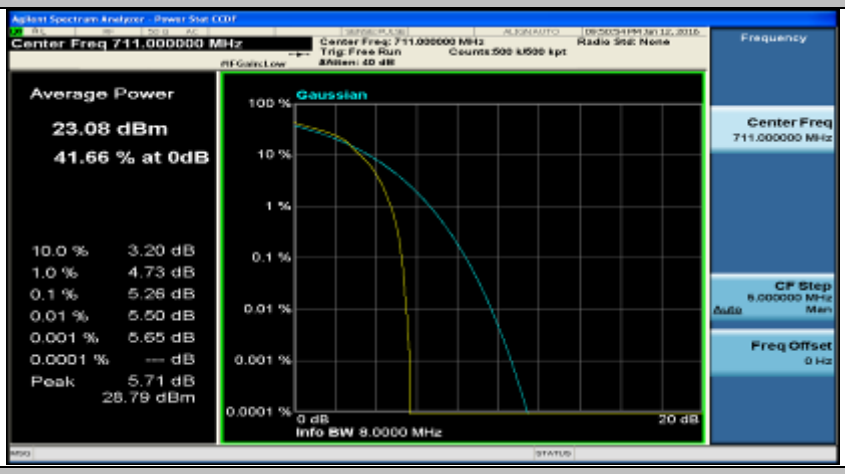
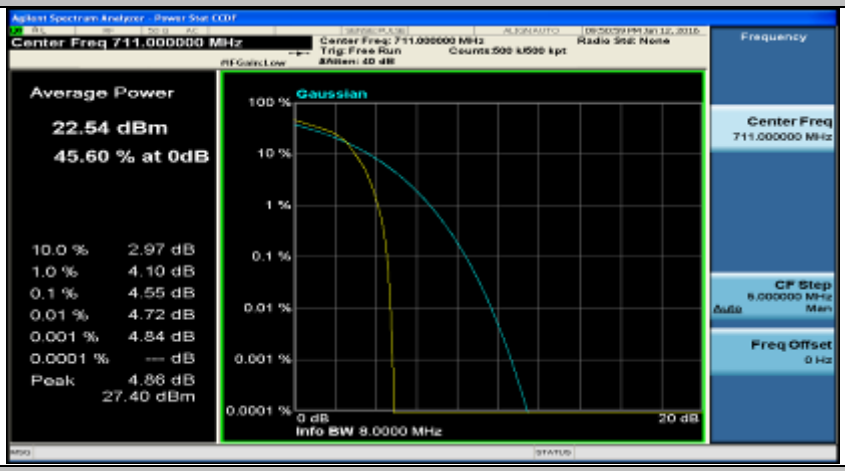
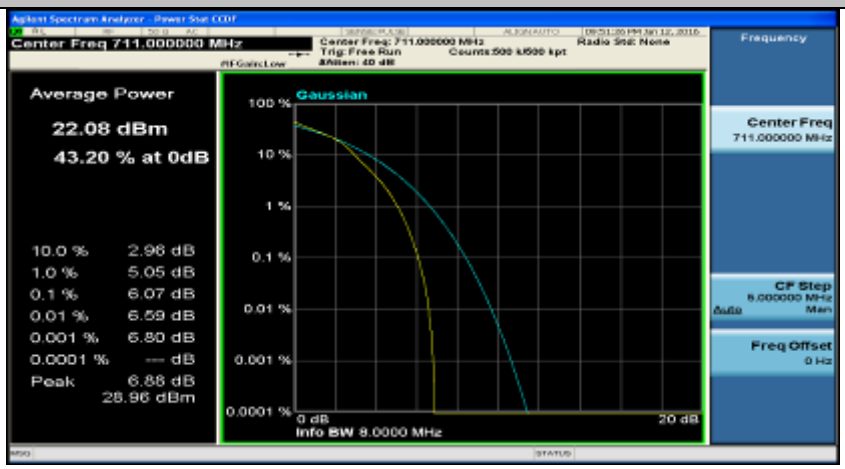
Channel Bandwidth 10 MHz_HCH_16QAM_1RB#24



Channel Bandwidth 10 MHz_HCH_16QAM_1RB#49



Channel Bandwidth 10 MHz_HCH_16QAM_25RB#0



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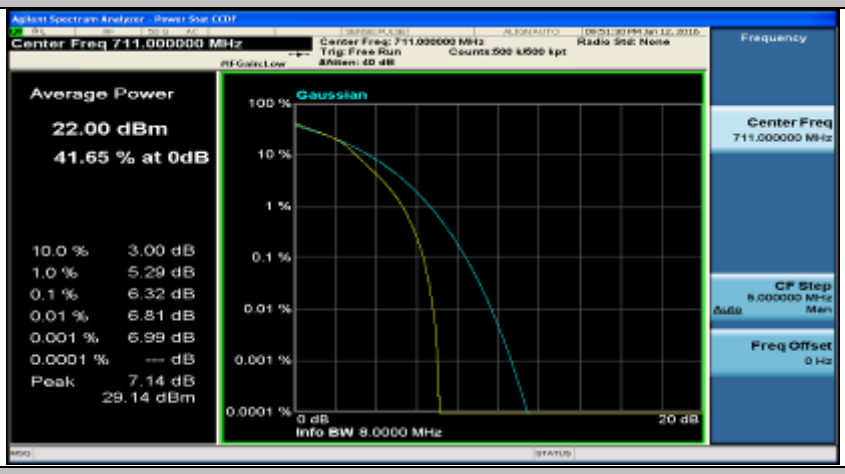
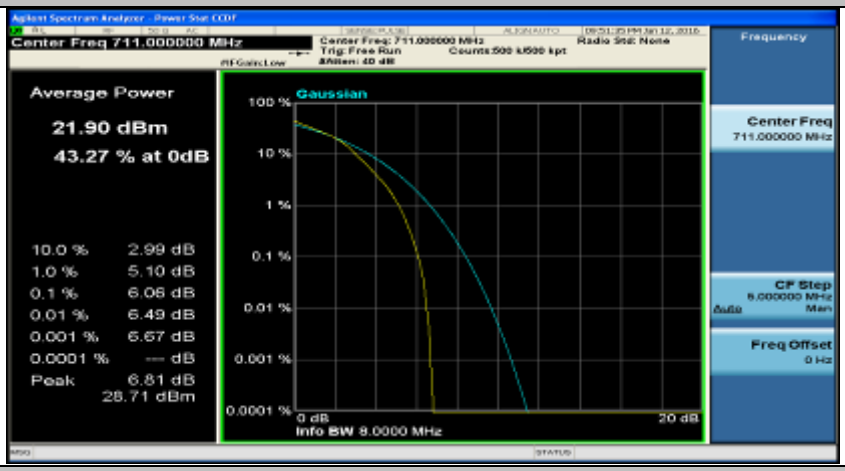
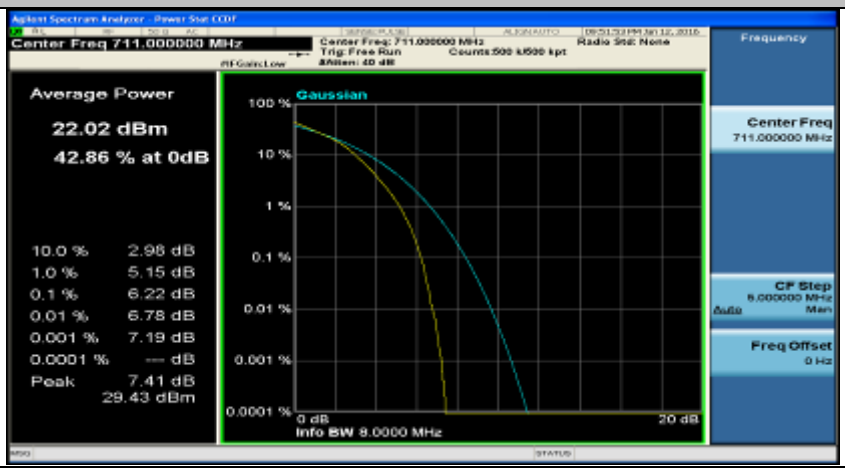
Channel Bandwidth 10 MHz_HCH_16QAM_25RB#12



Channel Bandwidth 10 MHz_HCH_16QAM_25RB#25



Channel Bandwidth 10 MHz_HCH_16QAM_50RB#0



D.3: 26dB Bandwidth and Occupied Bandwidth

Channel Bandwidth 1.4 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.0751	1.221	PASS
	MCH	6	0	1.0749	1.211	PASS
	HCH	6	0	1.0776	1.228	PASS
16QAM	LCH	6	0	1.0809	1.226	PASS
	MCH	6	0	1.0801	1.224	PASS
	HCH	6	0	1.0769	1.226	PASS

Channel Bandwidth 3 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	15	0	2.6852	2.859	PASS
	MCH	15	0	2.6826	2.856	PASS
	HCH	15	0	2.6848	2.889	PASS
16QAM	LCH	15	0	2.6854	2.875	PASS
	MCH	15	0	2.6821	2.881	PASS
	HCH	15	0	2.6871	2.867	PASS

Channel Bandwidth 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4866	4.853	PASS
	MCH	25	0	4.4830	4.837	PASS
	HCH	25	0	4.4784	4.837	PASS
16QAM	LCH	25	0	4.4881	4.799	PASS
	MCH	25	0	4.4745	4.828	PASS
	HCH	25	0	4.4834	4.807	PASS

Channel Bandwidth 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9451	9.553	PASS
	MCH	50	0	8.9322	9.468	PASS
	HCH	50	0	8.9473	9.442	PASS
16QAM	LCH	50	0	8.9473	9.428	PASS
	MCH	50	0	8.9292	9.461	PASS
	HCH	50	0	8.9483	9.492	PASS

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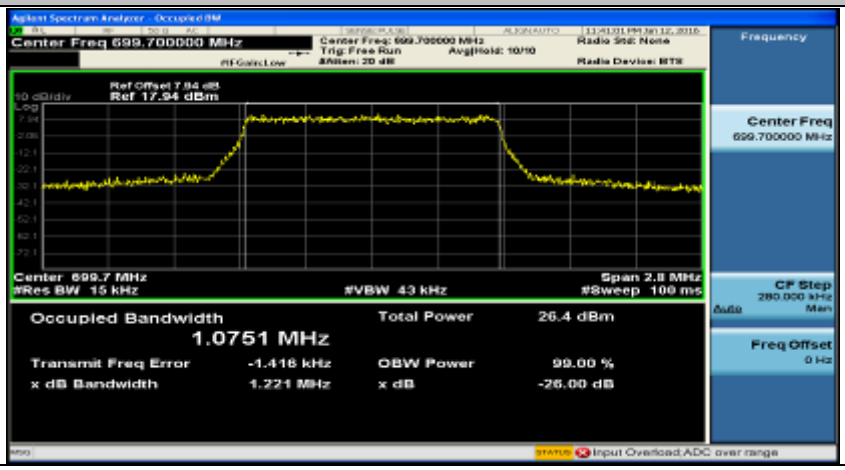
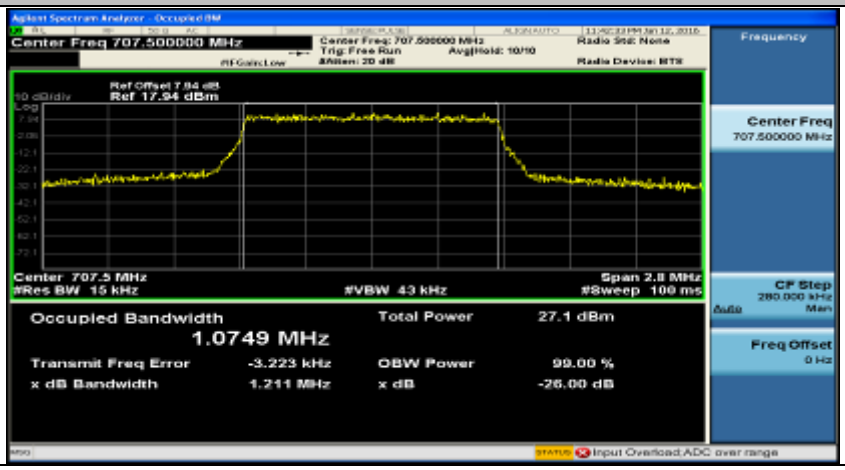
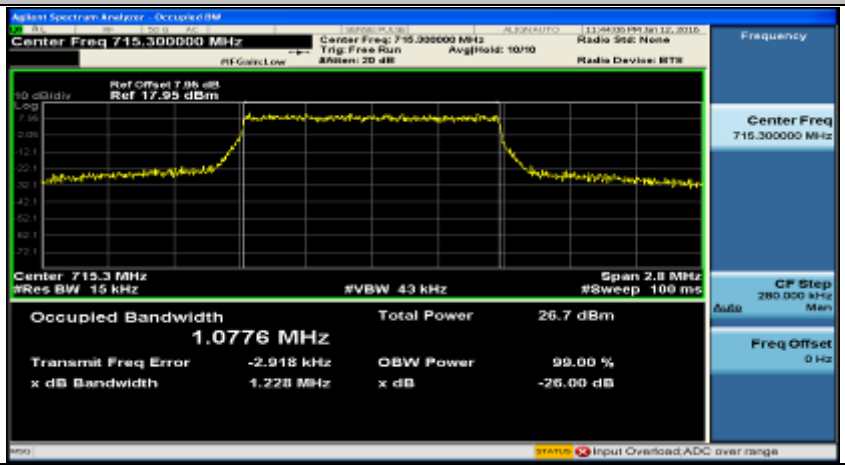
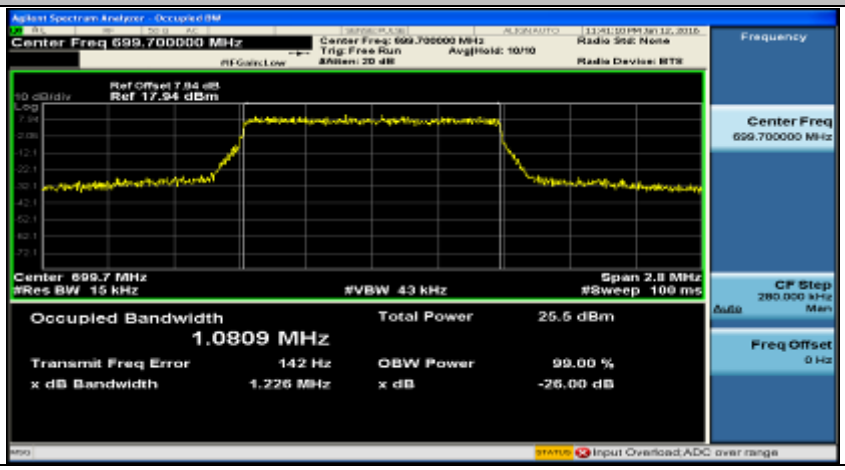
Test Graphs

(Channel Bandwidth 1.4 MHz)_LCH_QPSK_6RB#0


(Channel Bandwidth 1.4 MHz)_MCH_QPSK_6RB#0


(Channel Bandwidth 1.4 MHz)_HCH_QPSK_6RB#0


(Channel Bandwidth 1.4 MHz)_LCH_16QAM_6RB#0


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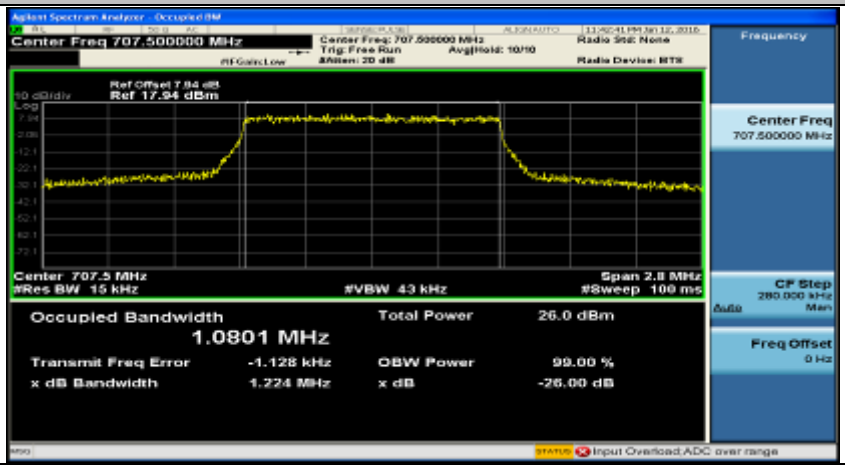

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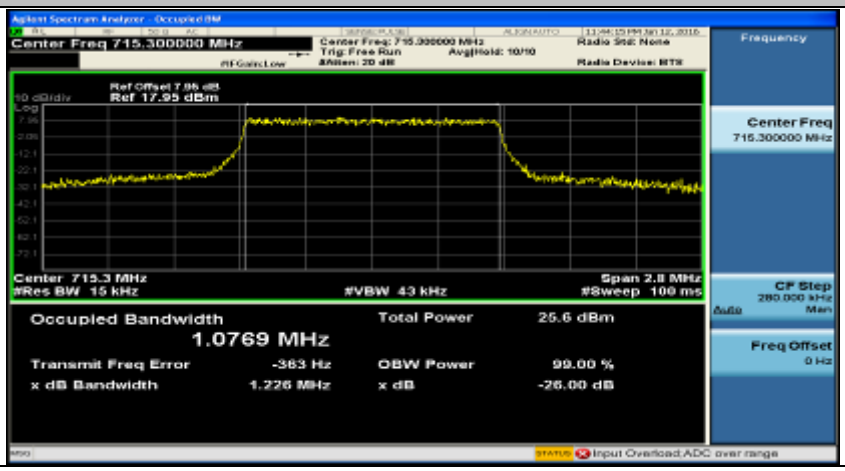
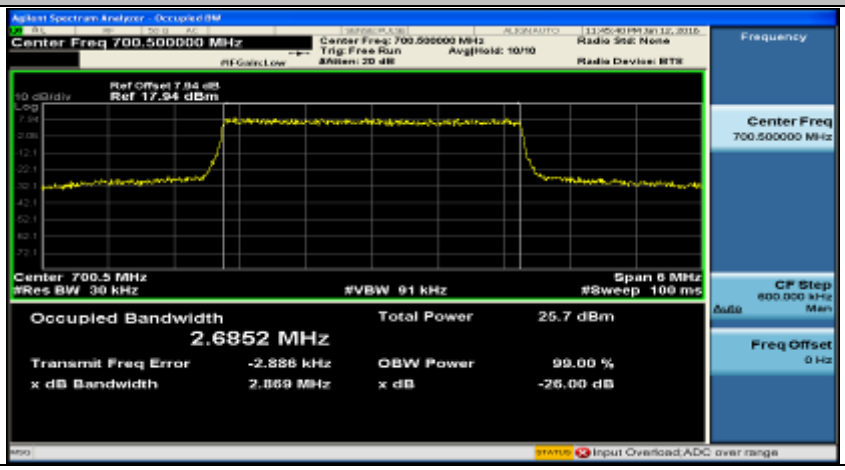
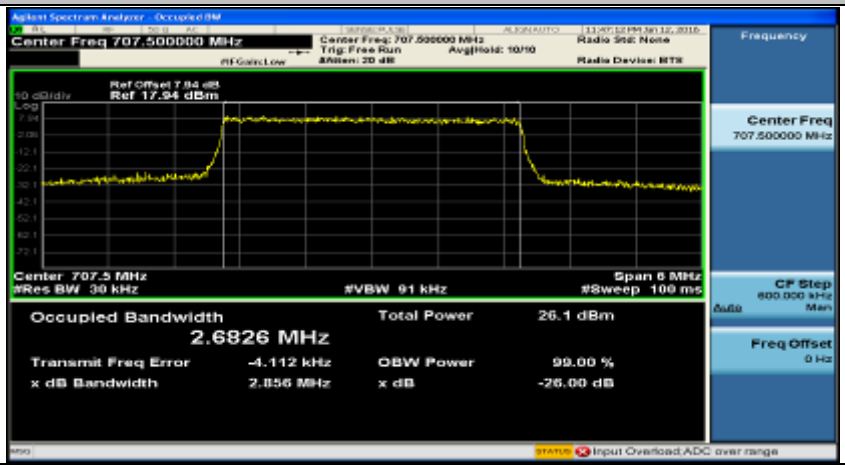
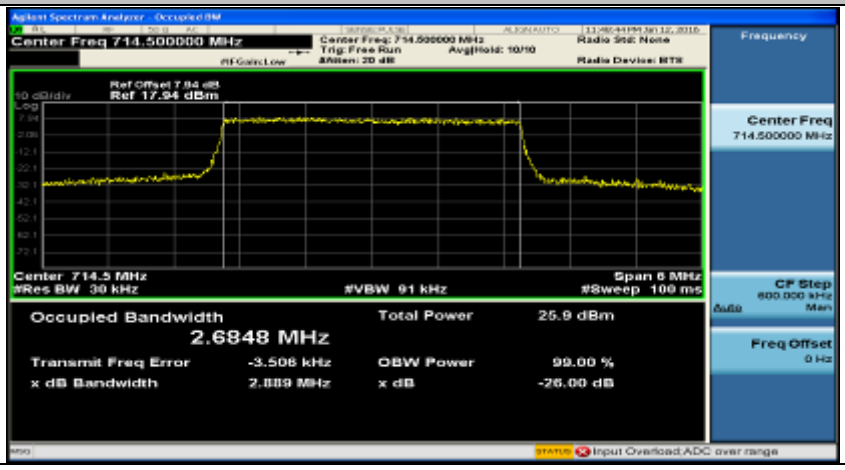


(Channel Bandwidth 3 MHz)_LCH_QPSK_15RB#0


(Channel Bandwidth 3 MHz)_MCH_QPSK_15RB#0


(Channel Bandwidth 3 MHz)_HCH_QPSK_15RB#0