D.2: Peak-to-Average Ratio

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.73	<13	PASS
		1	3	3.73	<13	PASS
		1	5	3.8	<13	PASS
		3	0	4.05	<13	PASS
		3	2	4.04	<13	PASS
		3	3	4.1	<13	PASS
		6	0	4.78	<13	PASS
	MCH	1	0	3.68	<13	PASS
		1	3	3.7	<13	PASS
		1	5	3.77	<13	PASS
		3	0	4.2	<13	PASS
		3	2	4.1	<13	PASS
		3	3	4.25	<13	PASS
		6	0	4.81	<13	PASS
	HCH	1	0	3.55	<13	PASS
		1	3	3.54	<13	PASS
		1	5	3.49	<13	PASS
		3	0	3.9	<13	PASS
		3	2	3.85	<13	PASS
		3	3	3.92	<13	PASS
		6	0	4.65	<13	PASS
16QAM	LCH	1	0	4.54	<13	PASS
		1	3	4.5	<13	PASS
		1	5	4.69	<13	PASS
		3	0	4.88	<13	PASS
		3	2	4.87	<13	PASS
		3	3	4.99	<13	PASS
		6	0	5.6	<13	PASS
	MCH	1	0	4.45	<13	PASS
		1	3	4.47	<13	PASS
		1	5	4.49	<13	PASS
		3	0	4.9	<13	PASS
		3	2	4.92	<13	PASS
		3	3	4.96	<13	PASS
		6	0	5.56	<13	PASS
	HCH	1	0	4.26	<13	PASS

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		1	3	4.24	<13	PASS
		1	5	4.16	<13	PASS
		3	0	4.67	<13	PASS
		3	2	4.64	<13	PASS
		3	3	4.67	<13	PASS
		6	0	5.38	<13	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.78	<13	PASS
		1	7	3.73	<13	PASS
		1	14	3.77	<13	PASS
		8	0	4.63	<13	PASS
		8	4	4.49	<13	PASS
		8	7	4.52	<13	PASS
		15	0	5.01	<13	PASS
	MCH	1	0	3.67	<13	PASS
		1	7	3.72	<13	PASS
		1	14	3.82	<13	PASS
		8	0	4.63	<13	PASS
		8	4	4.57	<13	PASS
		8	7	4.71	<13	PASS
		15	0	5.17	<13	PASS
	HCH	1	0	3.62	<13	PASS
		1	7	3.53	<13	PASS
		1	14	3.47	<13	PASS
		8	0	4.46	<13	PASS
		8	4	4.35	<13	PASS
		8	7	4.47	<13	PASS
		15	0	4.92	<13	PASS
16QAM	LCH	1	0	4.47	<13	PASS
		1	7	4.3	<13	PASS
		1	14	4.27	<13	PASS
		8	0	5.38	<13	PASS
		8	4	5.31	<13	PASS
		8	7	5.31	<13	PASS
		15	0	5.83	<13	PASS
	MCH	1	0	4.48	<13	PASS
		1	7	4.49	<13	PASS
		1	14	4.61	<13	PASS

		8	0	5.38	<13	PASS
		8	4	5.31	<13	PASS
		8	7	5.43	<13	PASS
		15	0	5.88	<13	PASS
	HCH	1	0	4.32	<13	PASS
		1	7	4.19	<13	PASS
		1	14	4.09	<13	PASS
		8	0	5.24	<13	PASS
		8	4	5.14	<13	PASS
		8	7	5.25	<13	PASS
		15	0	5.63	<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	3.75	<13	PASS
		1	12	3.87	<13	PASS
		1	24	3.62	<13	PASS
		12	0	4.65	<13	PASS
		12	6	4.46	<13	PASS
		12	13	4.59	<13	PASS
		25	0	5.12	<13	PASS
	MCH	1	0	3.69	<13	PASS
		1	12	3.83	<13	PASS
		1	24	3.82	<13	PASS
		12	0	4.66	<13	PASS
		12	6	4.59	<13	PASS
		12	13	4.7	<13	PASS
		25	0	5.2	<13	PASS
	HCH	1	0	3.79	<13	PASS
		1	12	3.55	<13	PASS
		1	24	3.41	<13	PASS
		12	0	4.59	<13	PASS
		12	6	4.39	<13	PASS
		12	13	4.43	<13	PASS
		25	0	5.16	<13	PASS
16QAM	LCH	1	0	4.57	<13	PASS
		1	12	4.52	<13	PASS
		1	24	4.47	<13	PASS
		12	0	5.43	<13	PASS
		12	6	5.27	<13	PASS

		12	13	5.34	<13	PASS
		25	0	5.76	<13	PASS
	MCH	1	0	4.48	<13	PASS
		1	12	4.42	<13	PASS
		1	24	4.52	<13	PASS
		12	0	5.38	<13	PASS
		12	6	5.4	<13	PASS
		12	13	5.52	<13	PASS
		25	0	5.92	<13	PASS
	HCH	1	0	4.47	<13	PASS
		1	12	4.21	<13	PASS
		1	24	4.02	<13	PASS
		12	0	5.43	<13	PASS
		12	6	5.18	<13	PASS
		12	13	5.37	<13	PASS
		25	0	5.82	<13	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.73	<13	PASS
		1	24	3.64	<13	PASS
		1	49	3.77	<13	PASS
		25	0	4.87	<13	PASS
		25	12	4.64	<13	PASS
		25	25	4.88	<13	PASS
		50	0	5.53	<13	PASS
	MCH	1	0	3.65	<13	PASS
		1	24	3.72	<13	PASS
		1	49	3.73	<13	PASS
		25	0	4.75	<13	PASS
		25	12	4.84	<13	PASS
		25	25	4.63	<13	PASS
		50	0	5.28	<13	PASS
	HCH	1	0	3.64	<13	PASS
		1	24	3.78	<13	PASS
		1	49	3.48	<13	PASS
		25	0	4.76	<13	PASS
		25	12	4.54	<13	PASS
		25	25	4.8	<13	PASS
		50	0	4.82	<13	PASS

16QAM	LCH	1	0	4.45	<13	PASS
		1	24	4.18	<13	PASS
		1	49	4.38	<13	PASS
		25	0	5.64	<13	PASS
		25	12	5.44	<13	PASS
		25	25	5.65	<13	PASS
		50	0	6.1	<13	PASS
	MCH	1	0	4.6	<13	PASS
		1	24	4.47	<13	PASS
		1	49	4.57	<13	PASS
		25	0	5.56	<13	PASS
		25	12	5.64	<13	PASS
		25	25	5.56	<13	PASS
		50	0	5.97	<13	PASS
	HCH	1	0	4.36	<13	PASS
		1	24	4.54	<13	PASS
		1	49	4.1	<13	PASS
		25	0	5.61	<13	PASS
		25	12	5.5	<13	PASS
		25	25	5.58	<13	PASS
		50	0	5.73	<13	PASS

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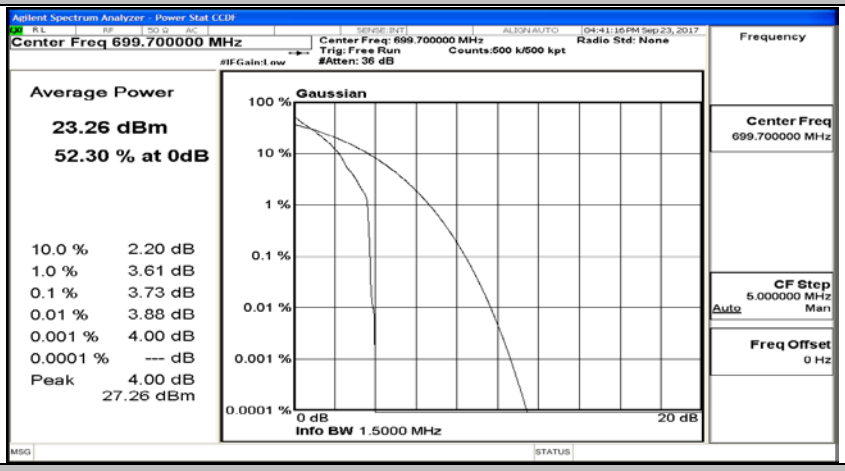
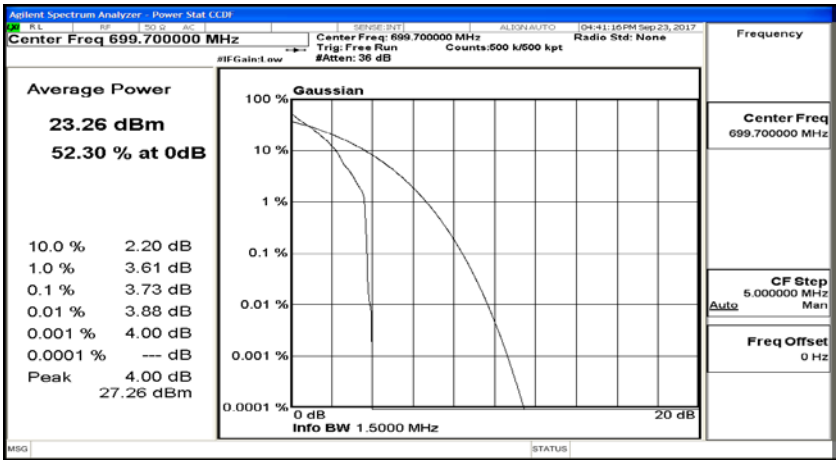
Test Graphs

Channel Bandwidth: 1.4 MHz

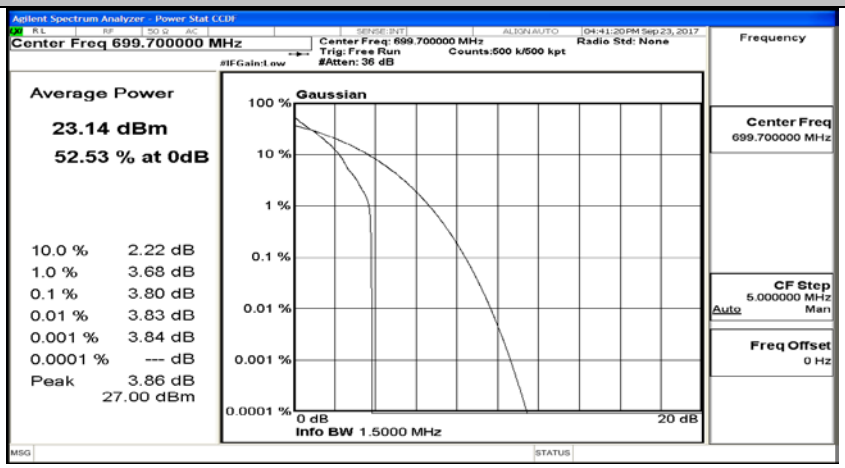
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



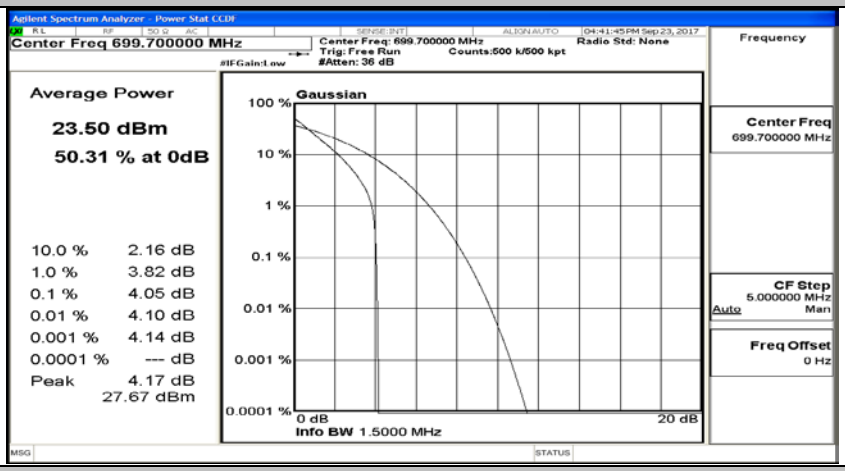
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3



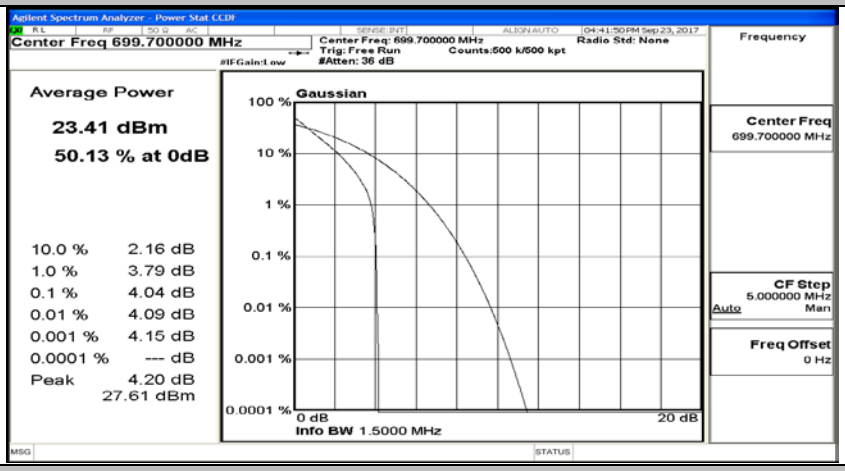
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



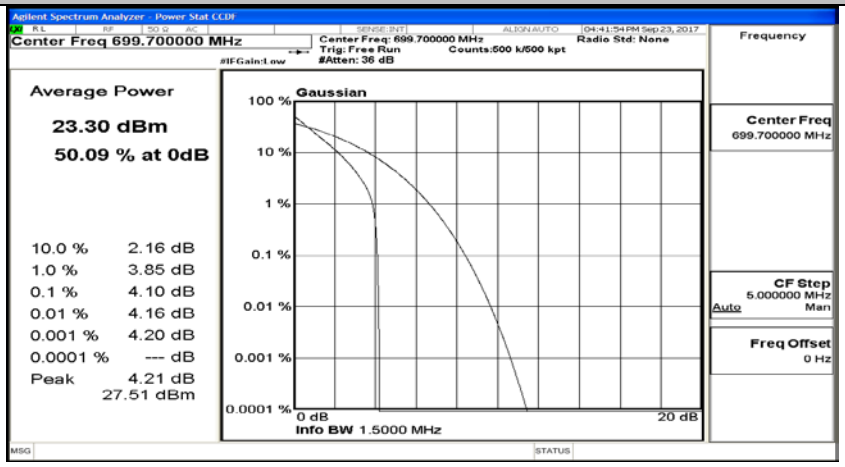
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0



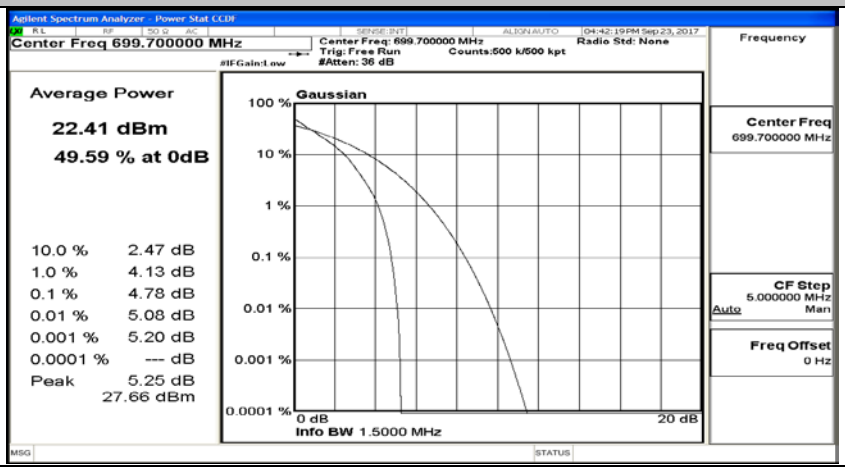
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



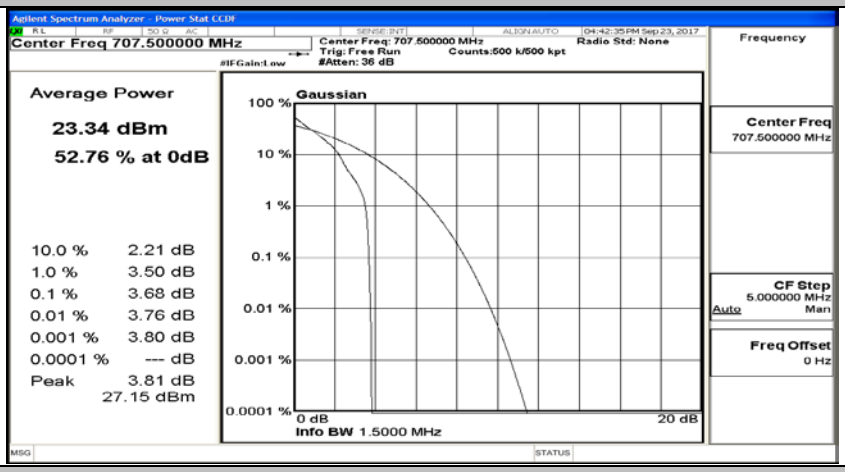
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



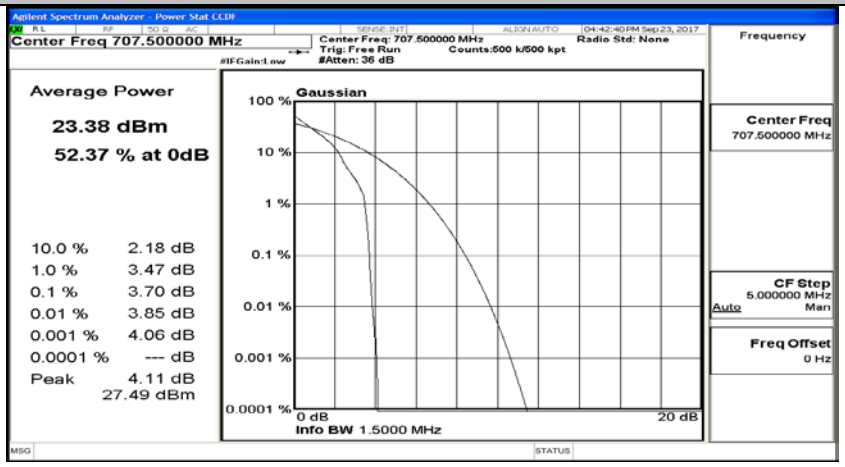
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



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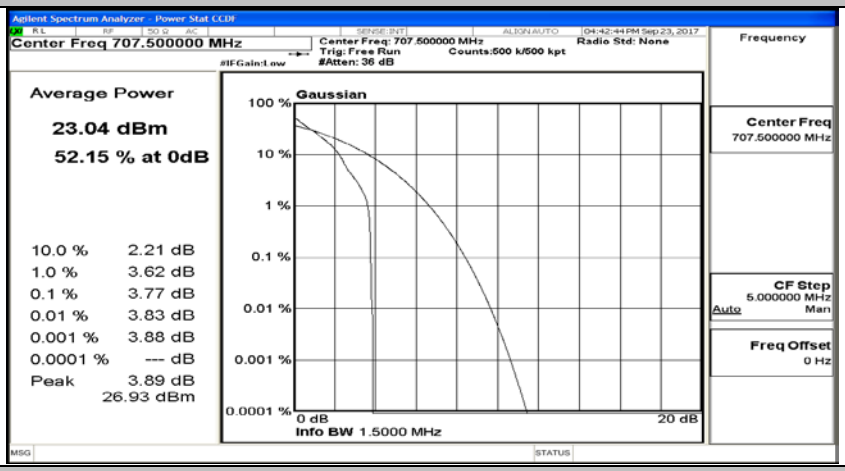
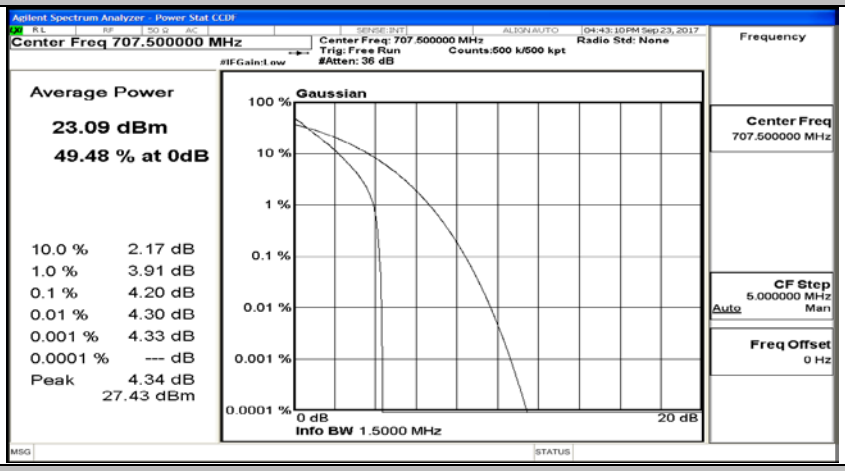
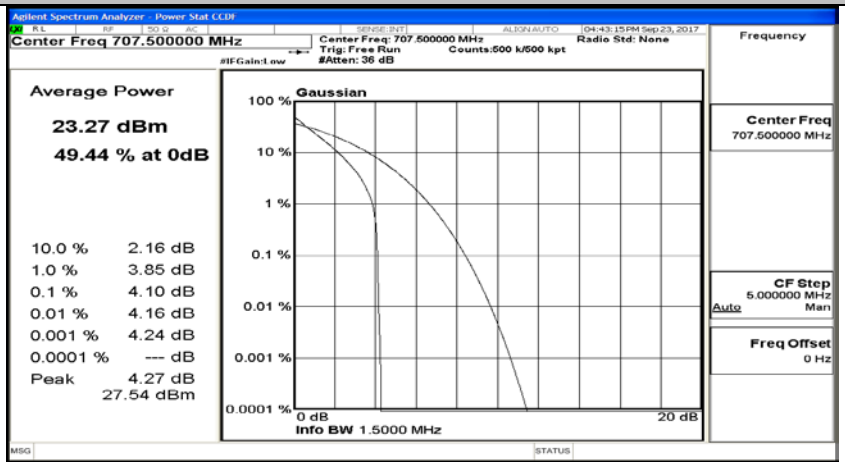
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



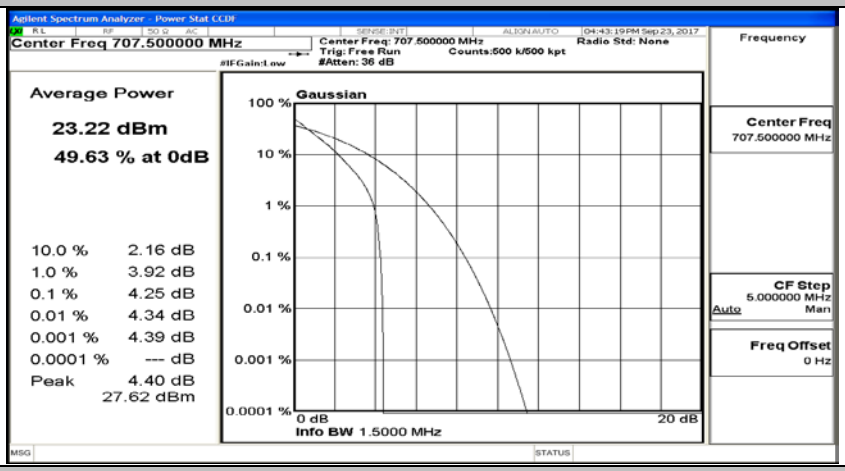
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



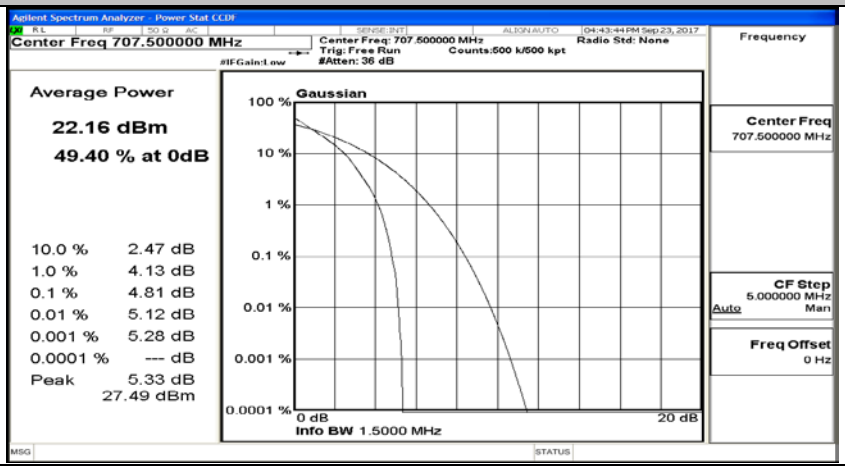
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



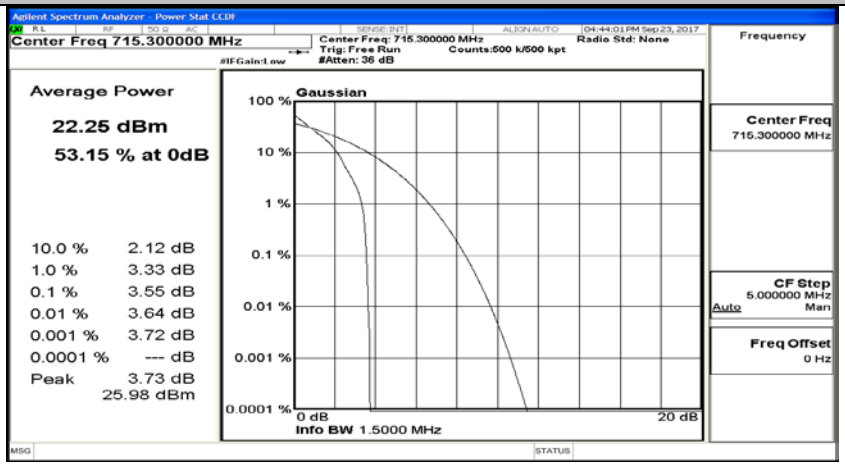
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



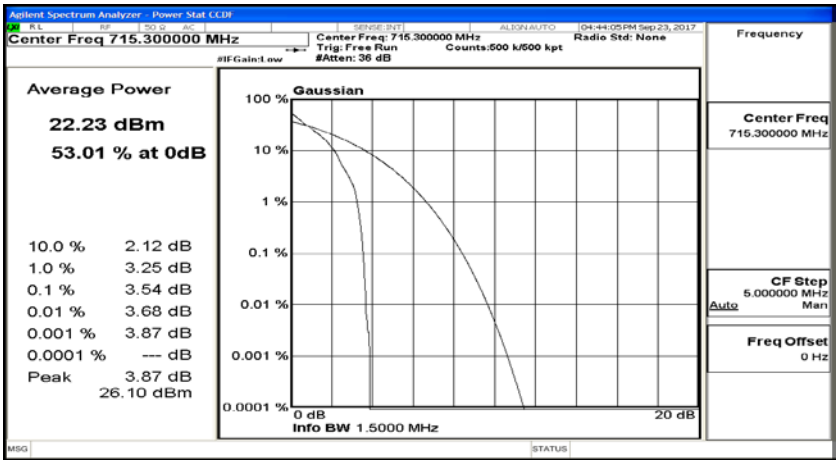
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



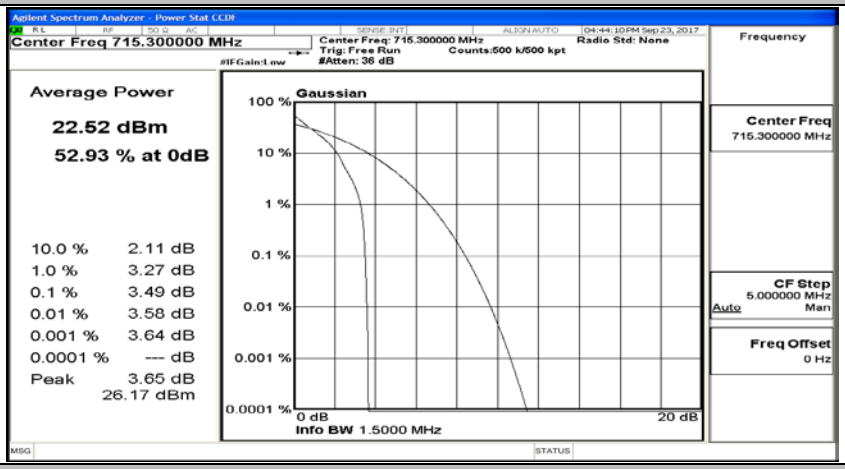
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



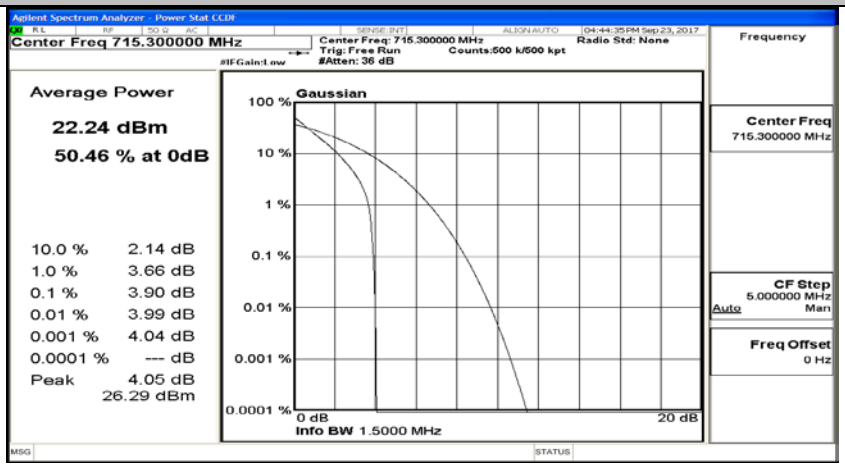
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



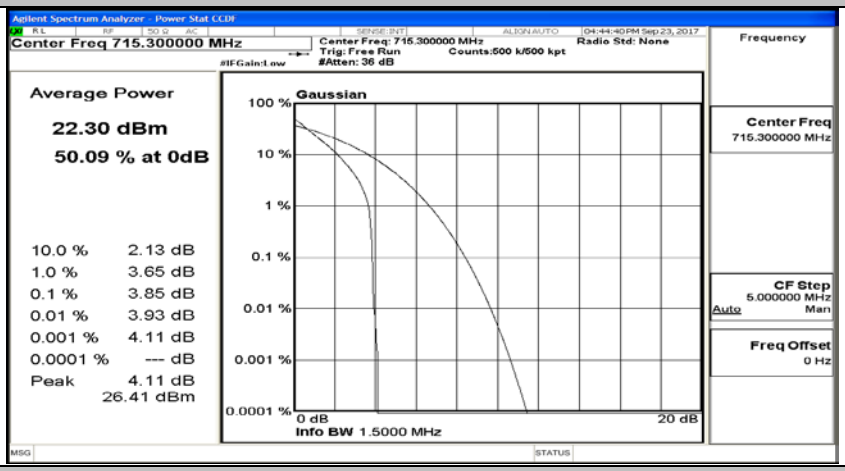
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



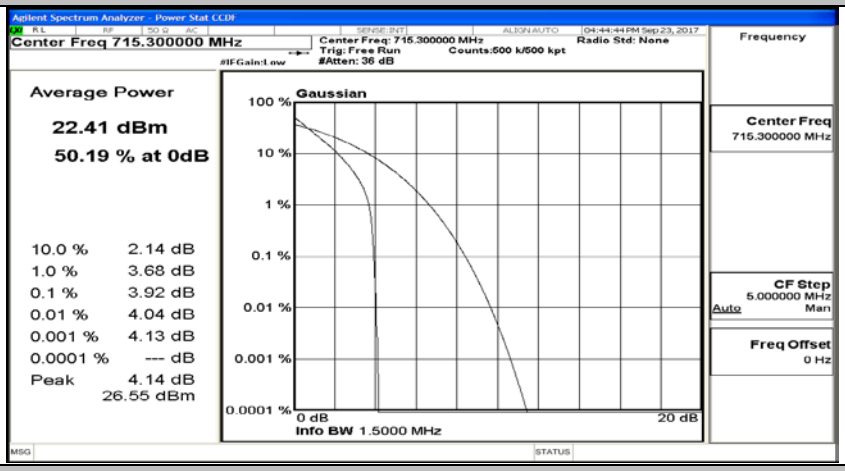
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



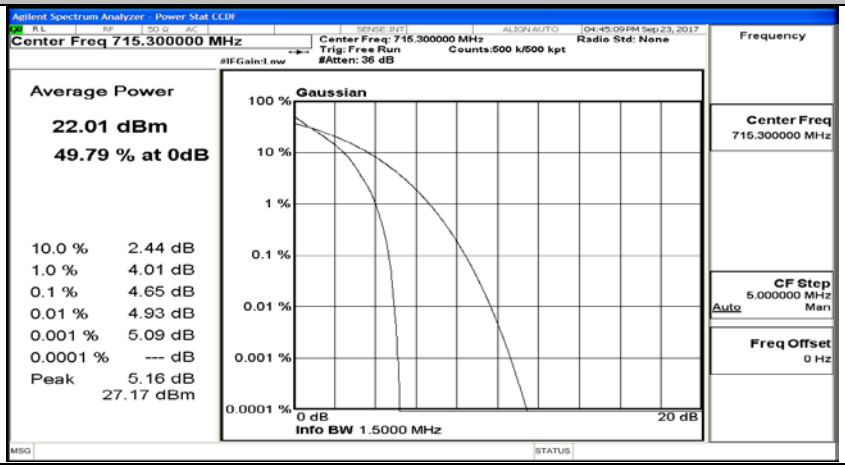
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



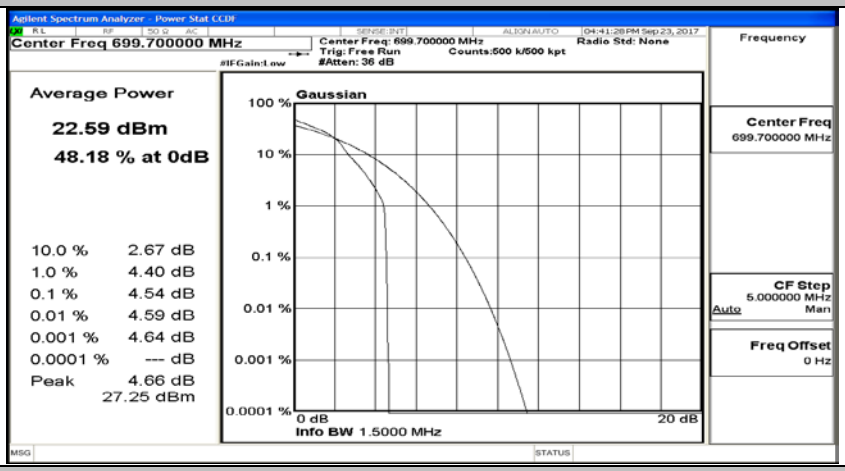
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



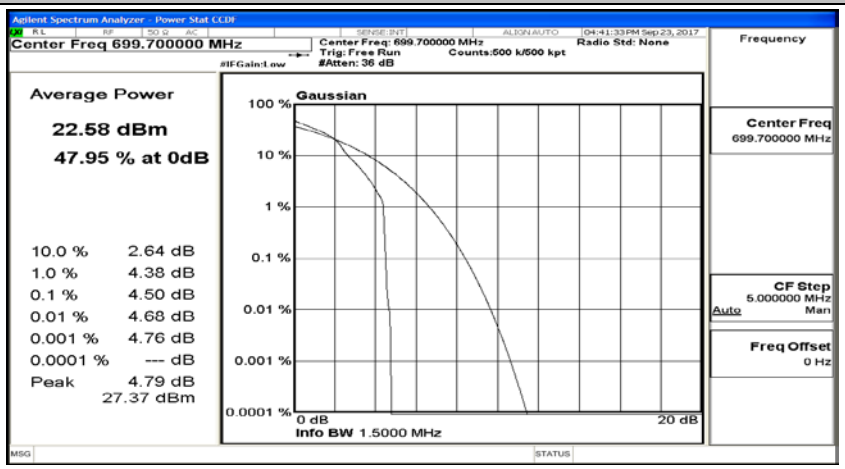
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



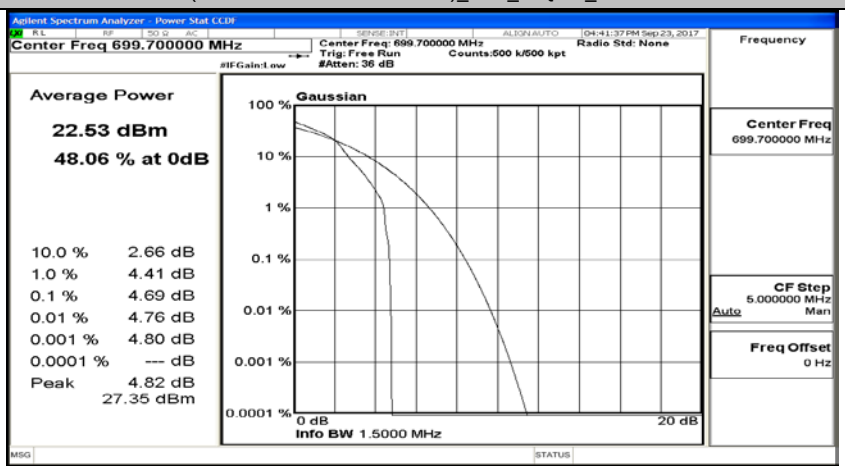
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



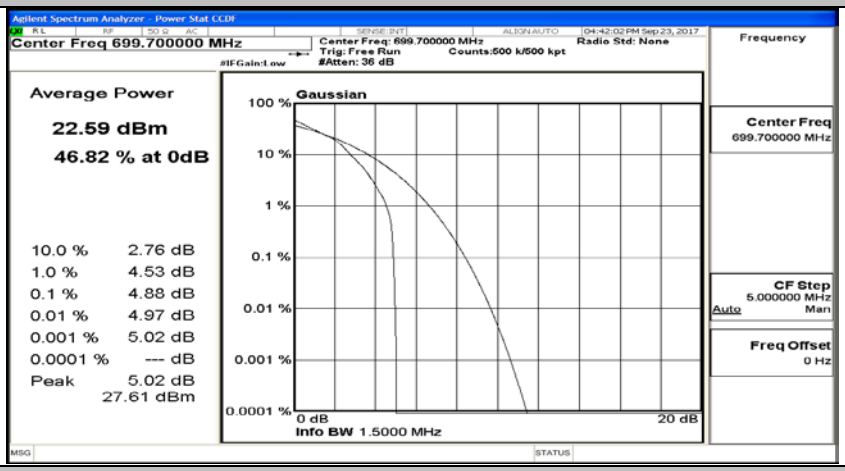
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



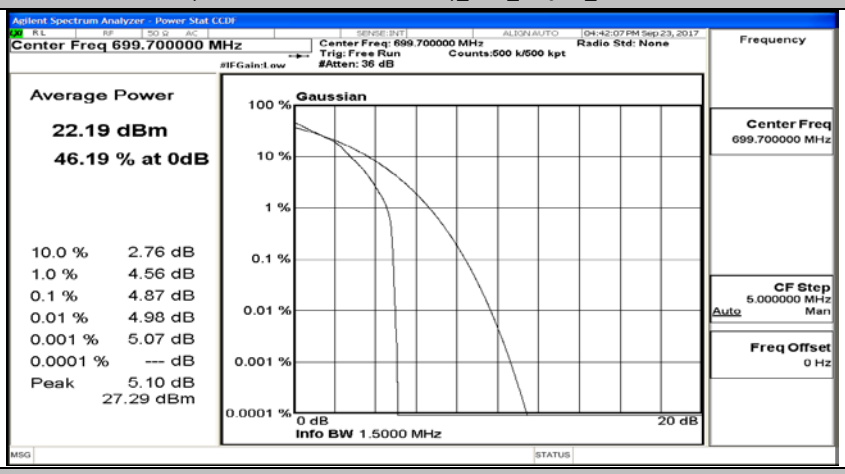
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



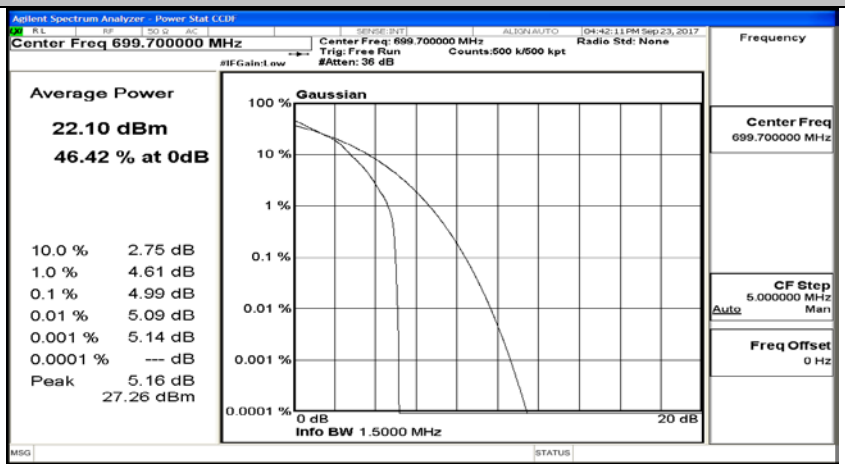
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



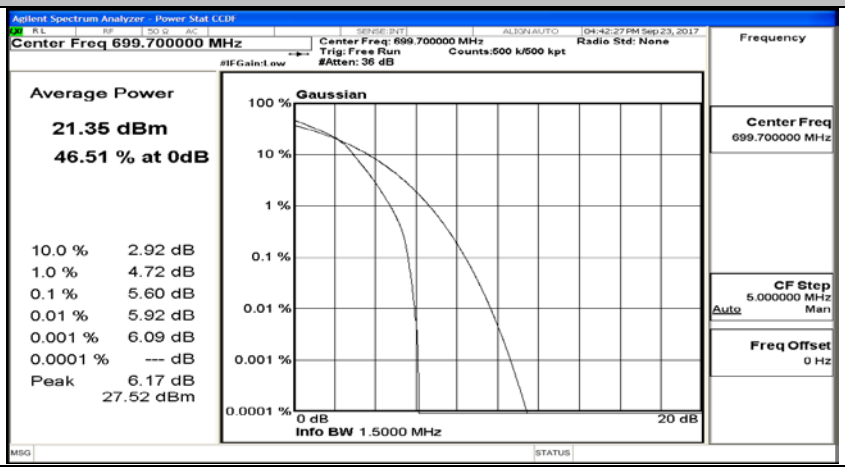
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



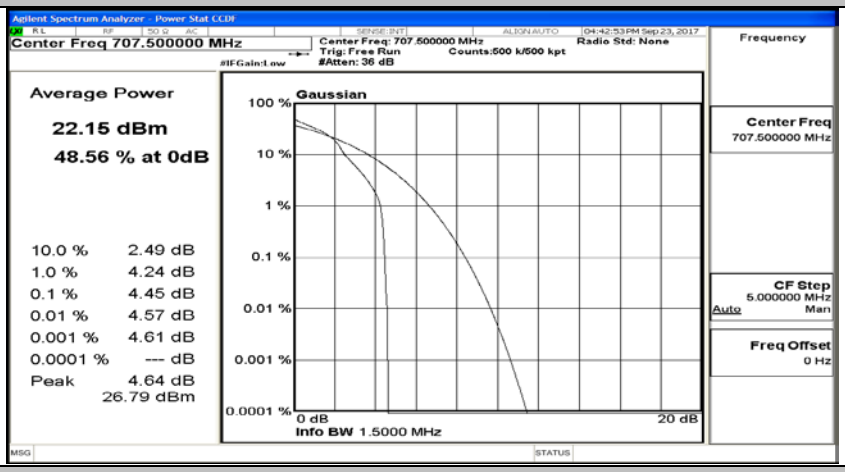
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



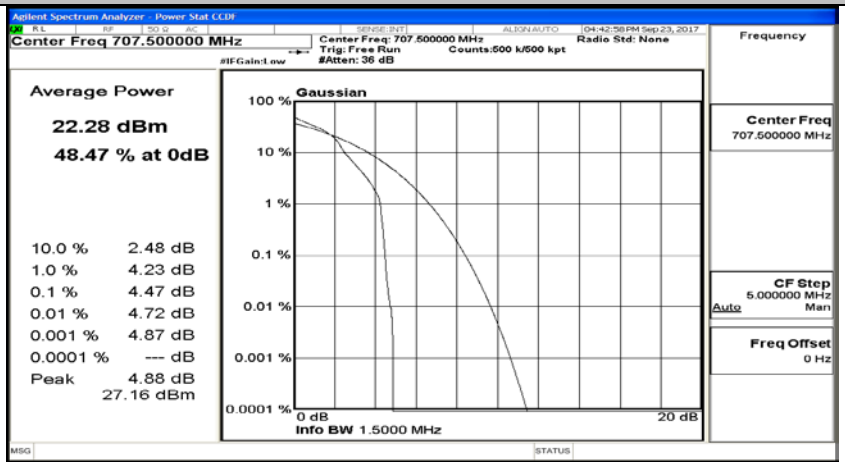
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



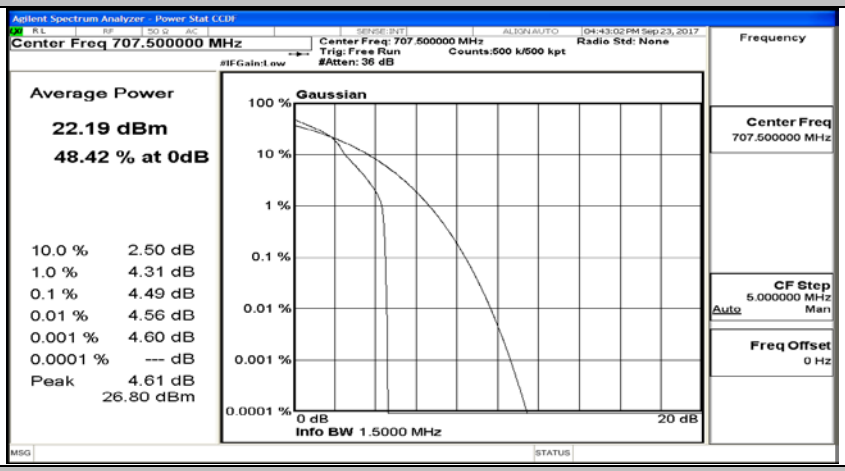
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



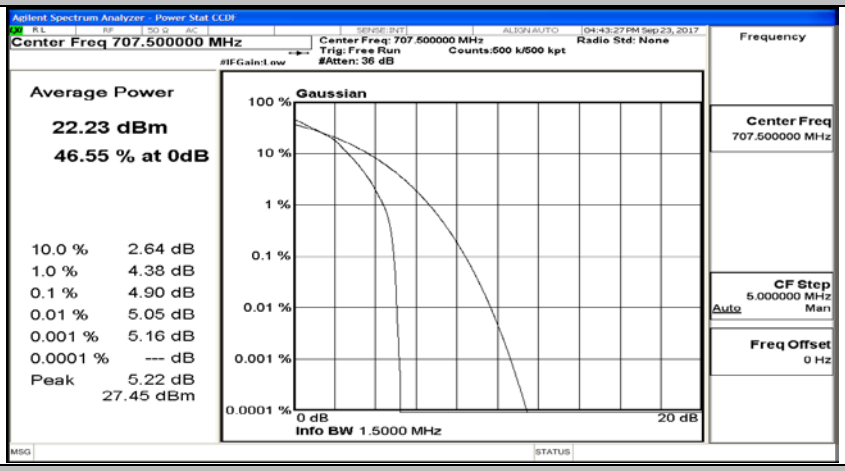
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



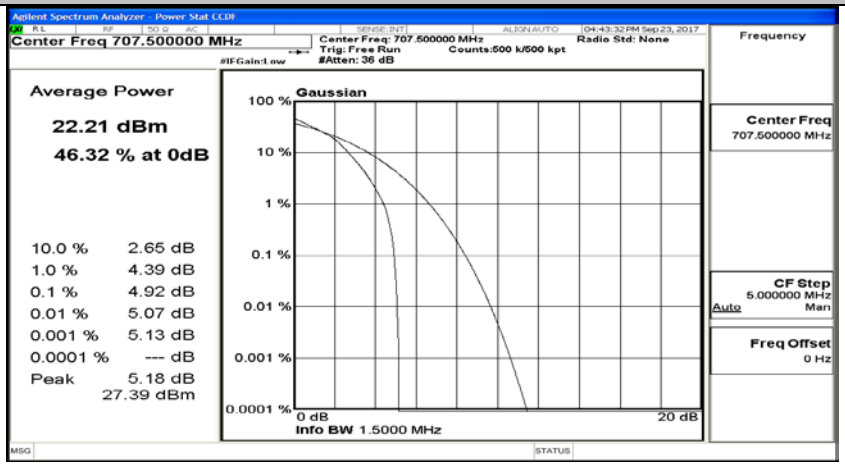
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



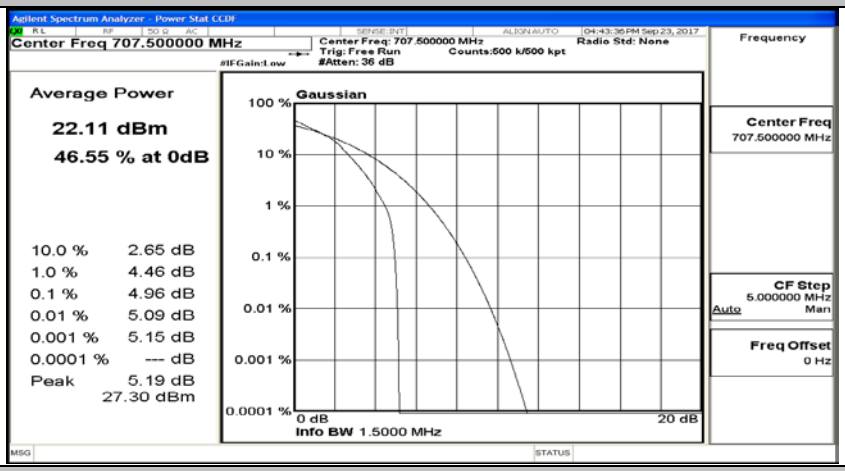
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



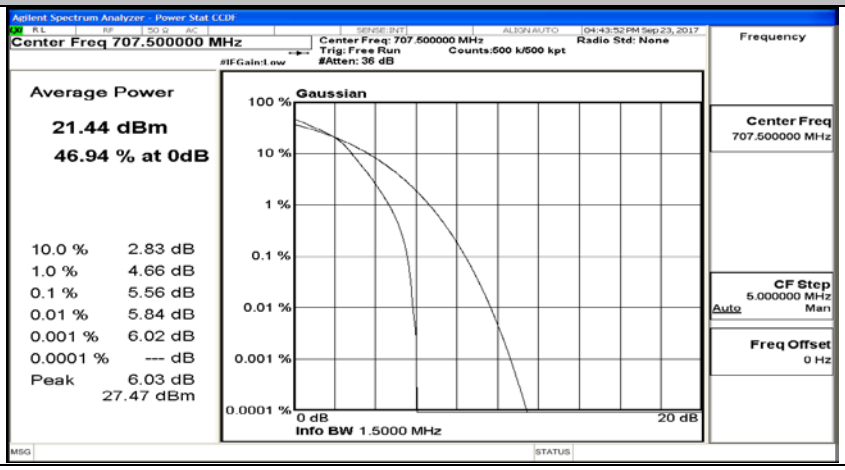
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



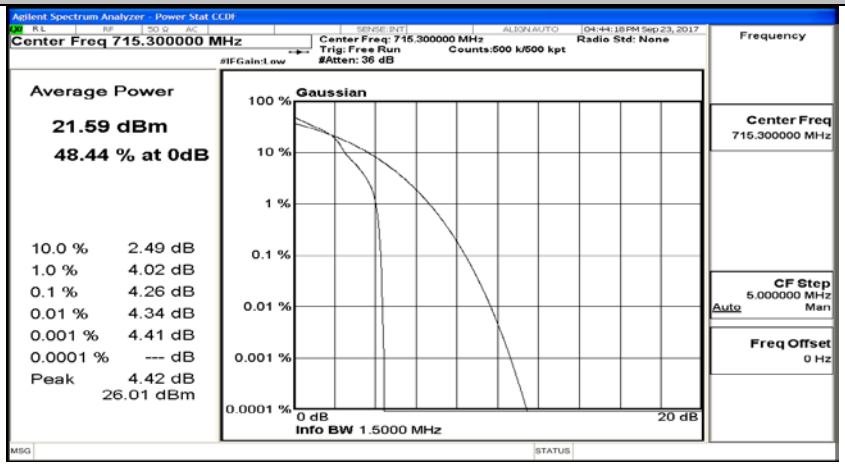
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



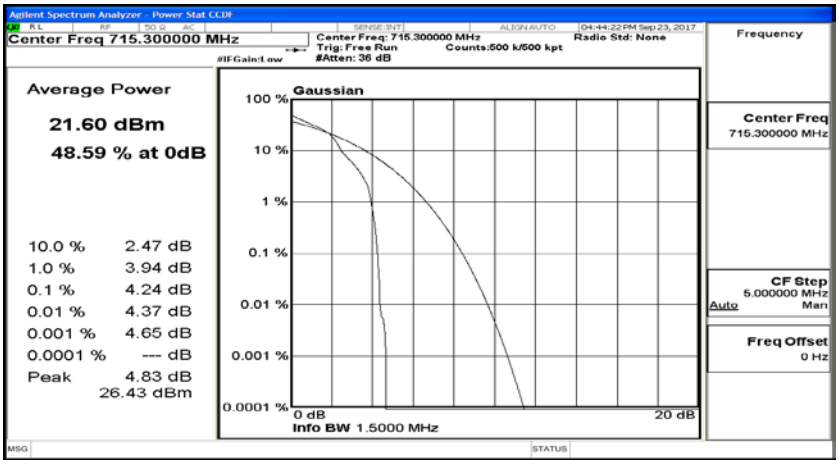
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



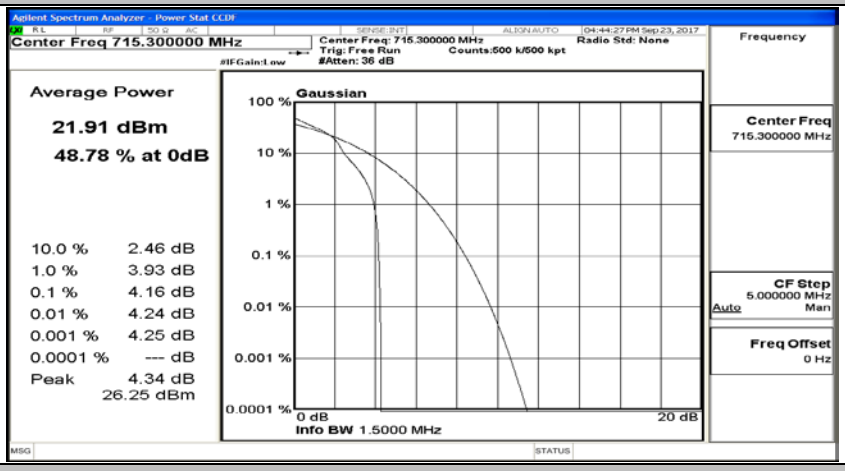
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



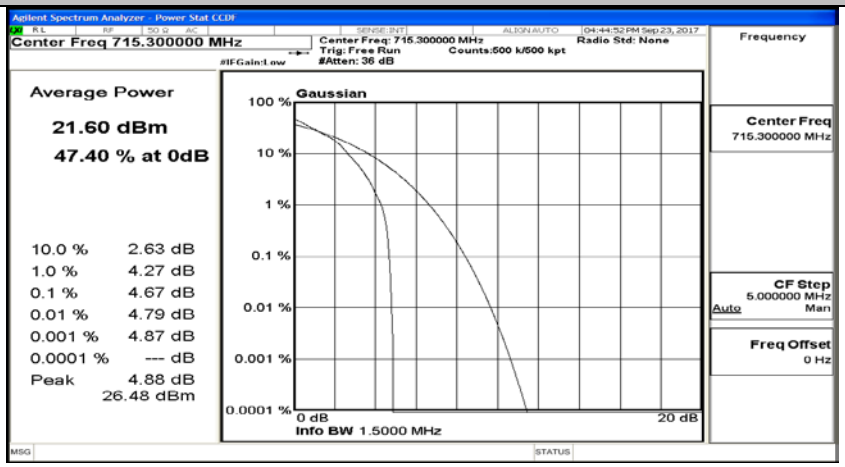
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



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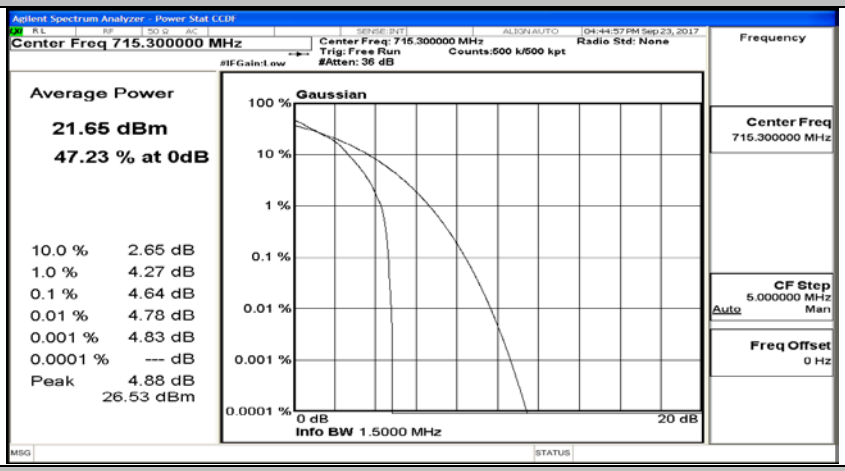
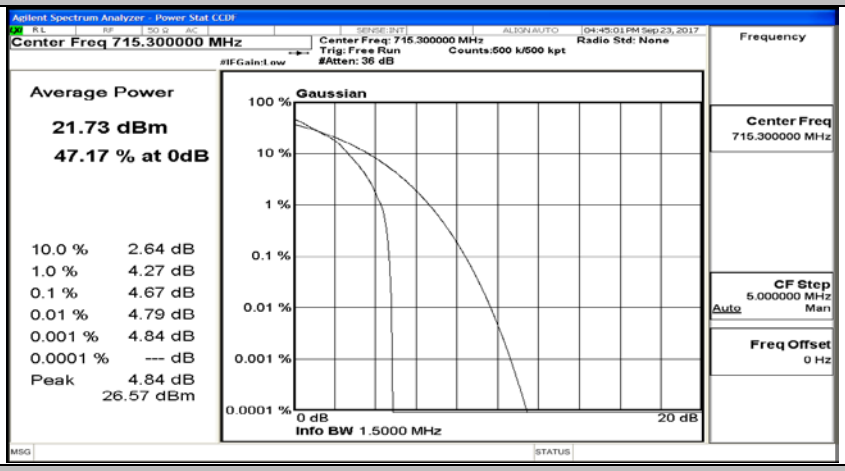
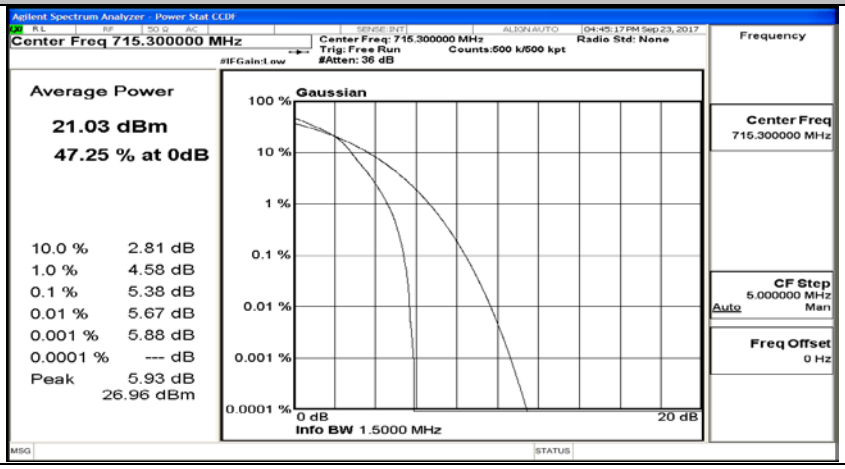
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

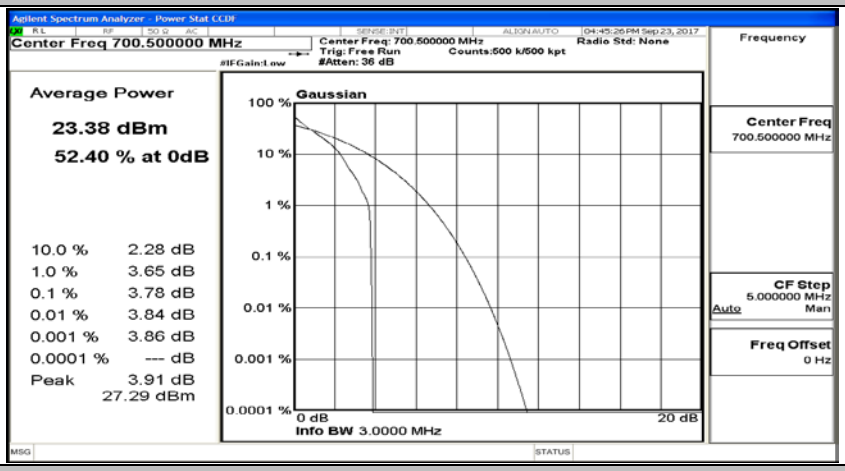


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

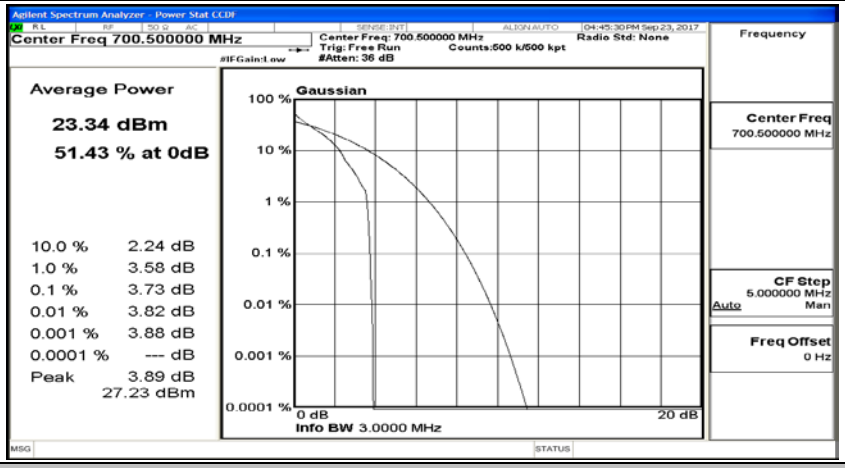


Channel Bandwidth: 3 MHz

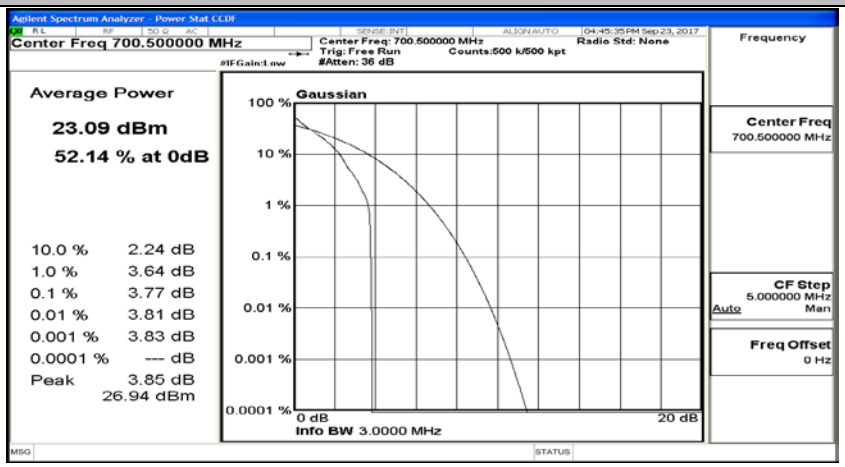
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



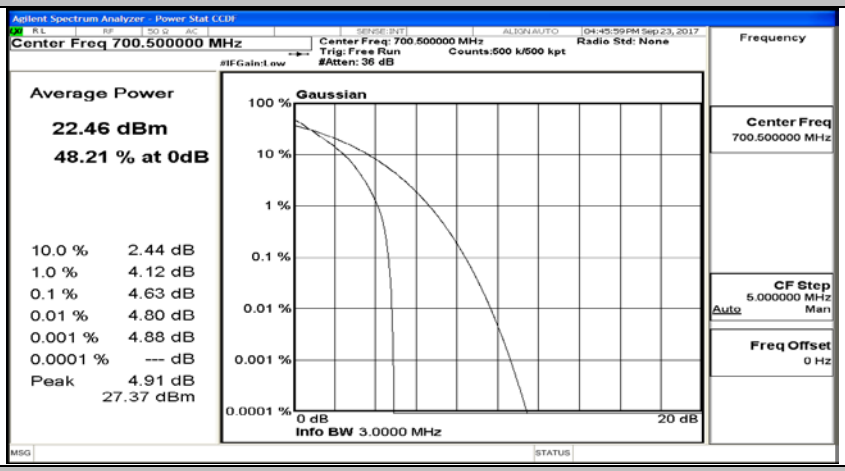
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



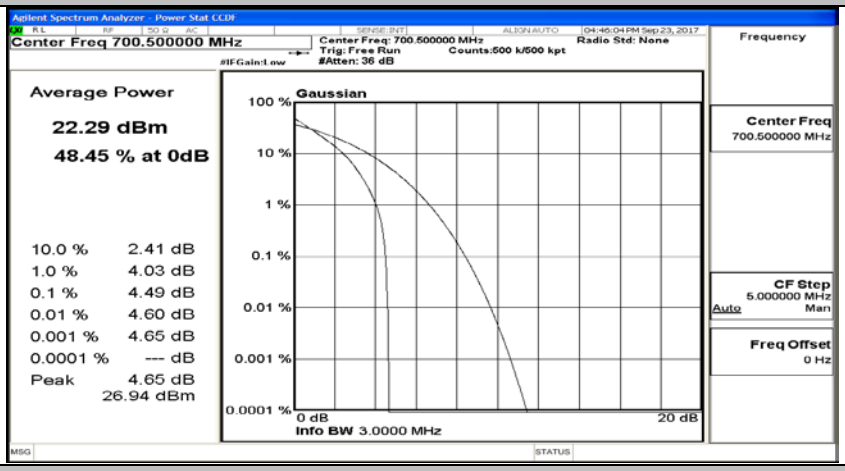
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



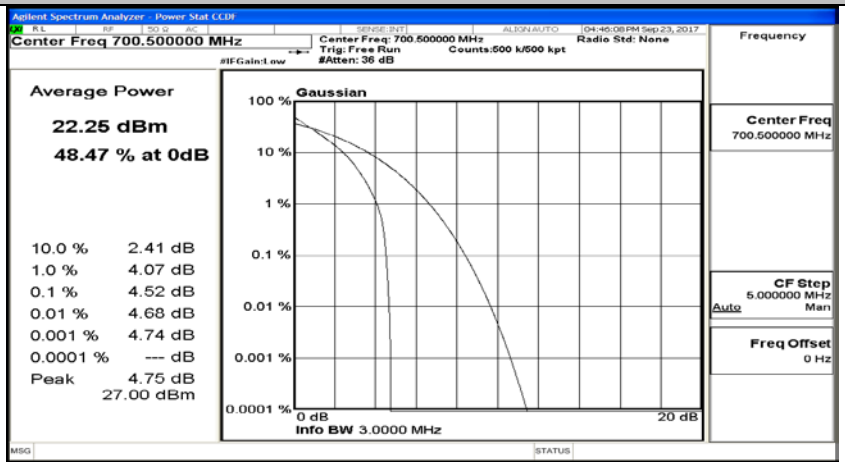
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0



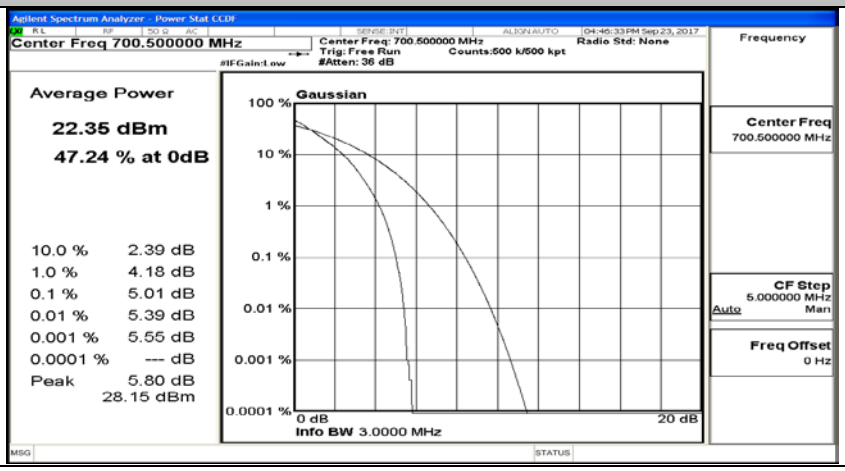
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4



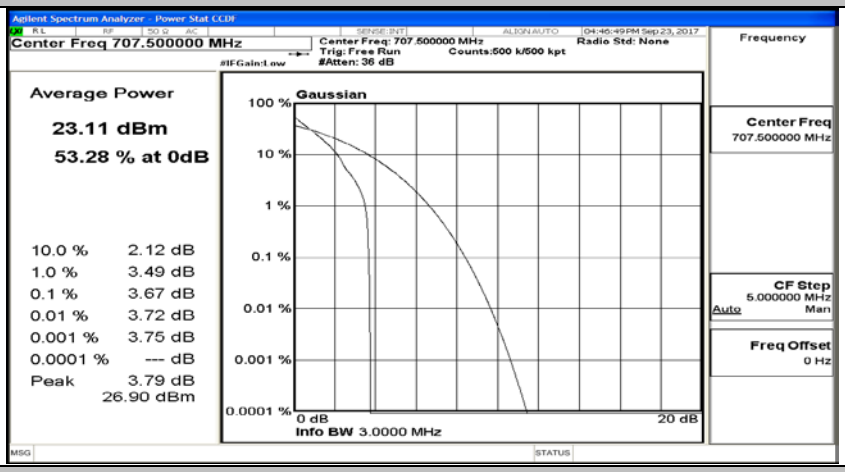
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



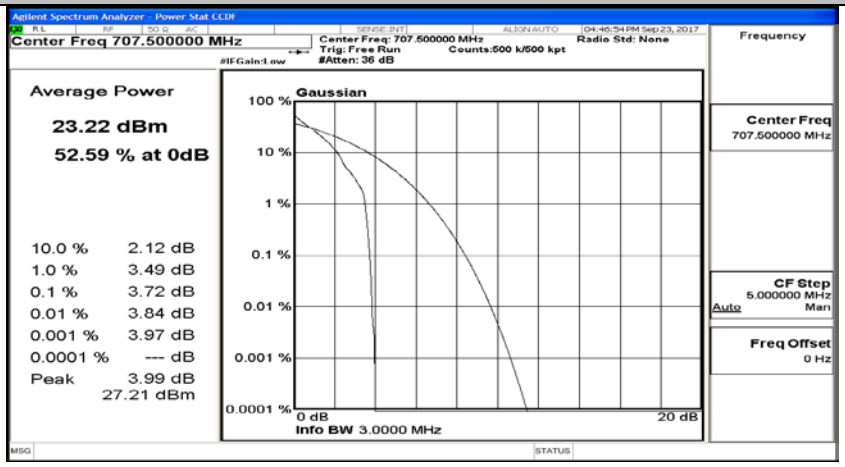
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



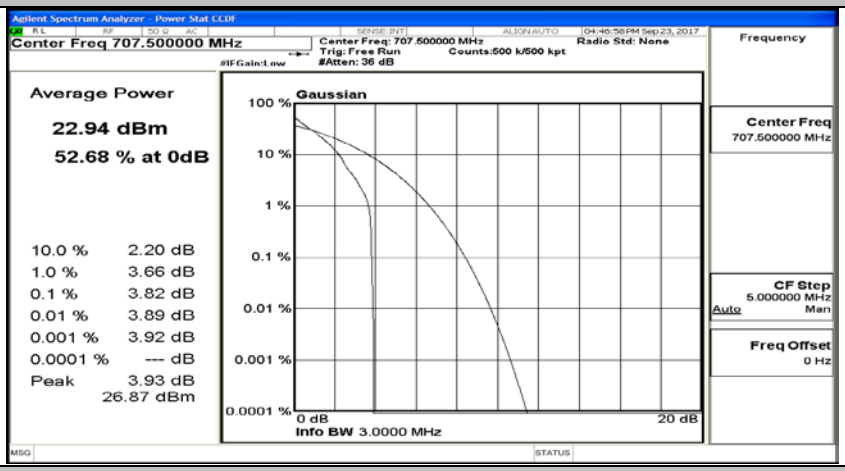
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



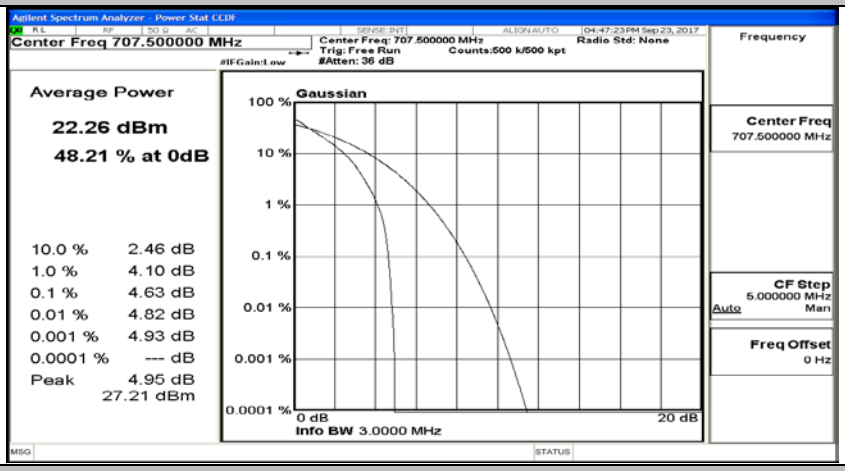
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7



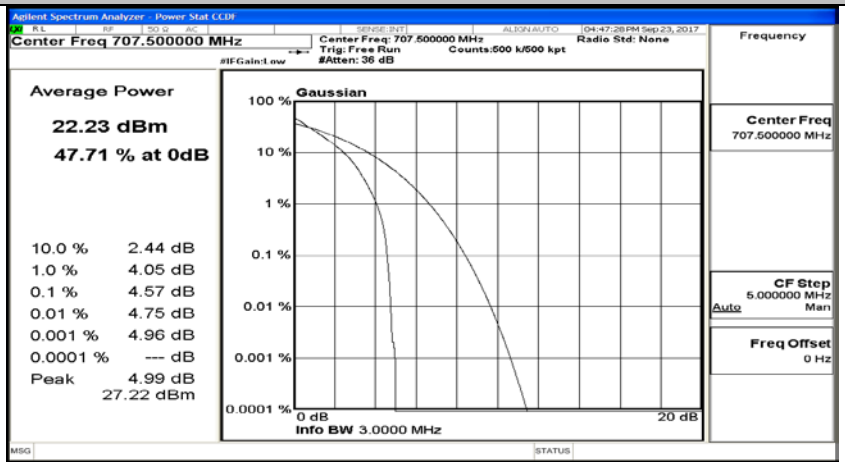
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



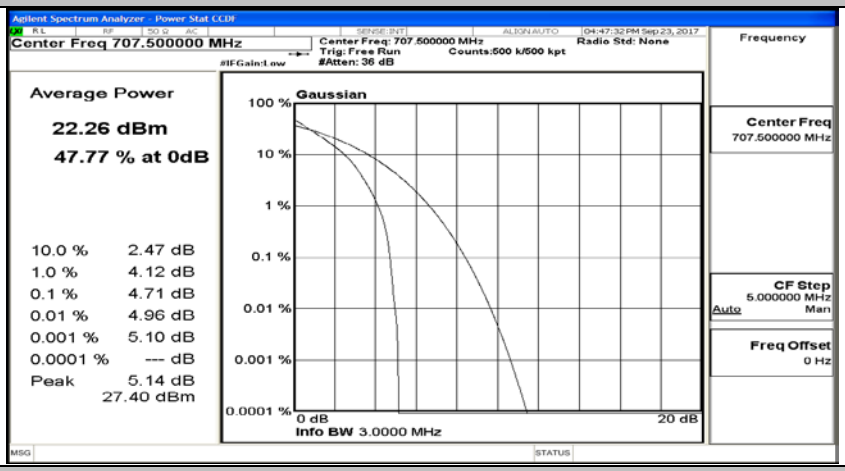
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#4



(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#7



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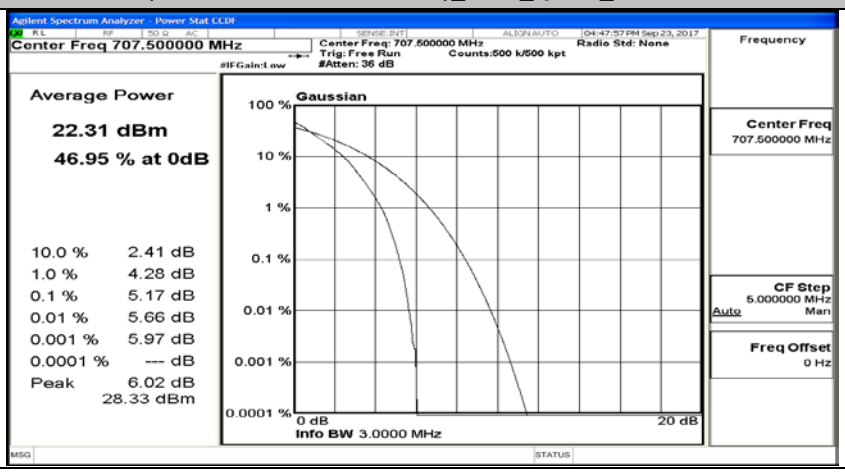

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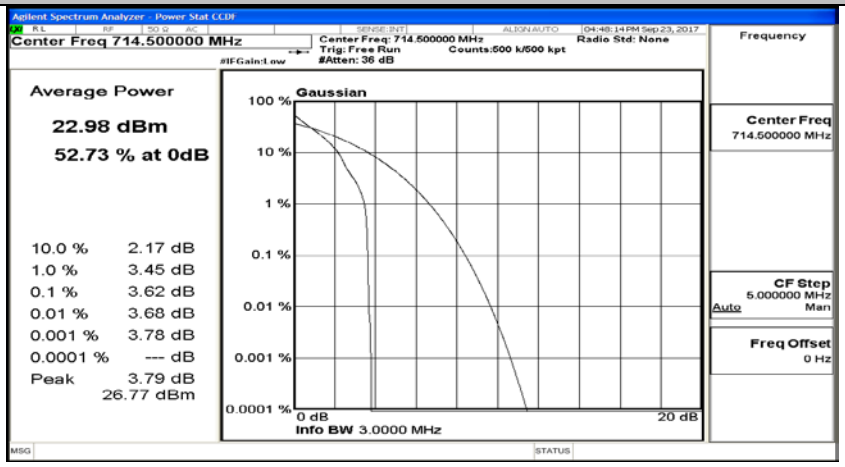
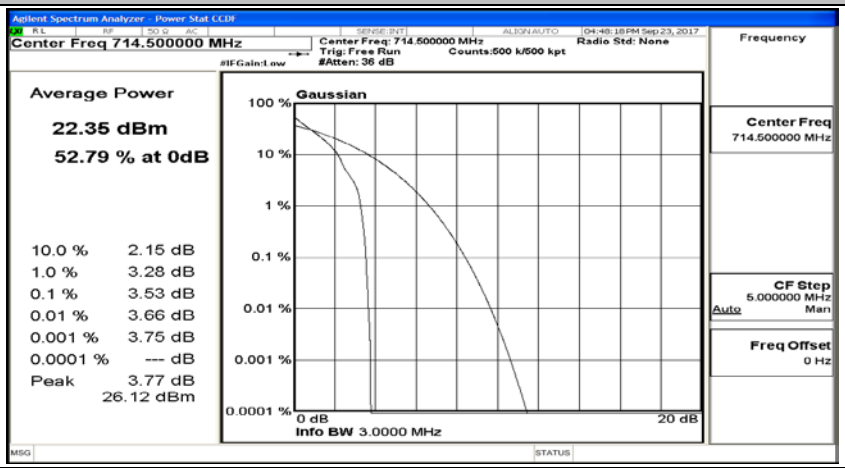


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



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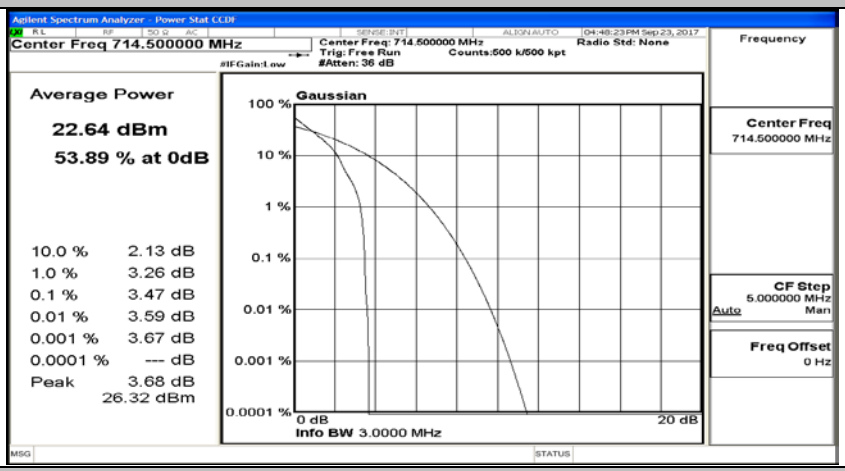
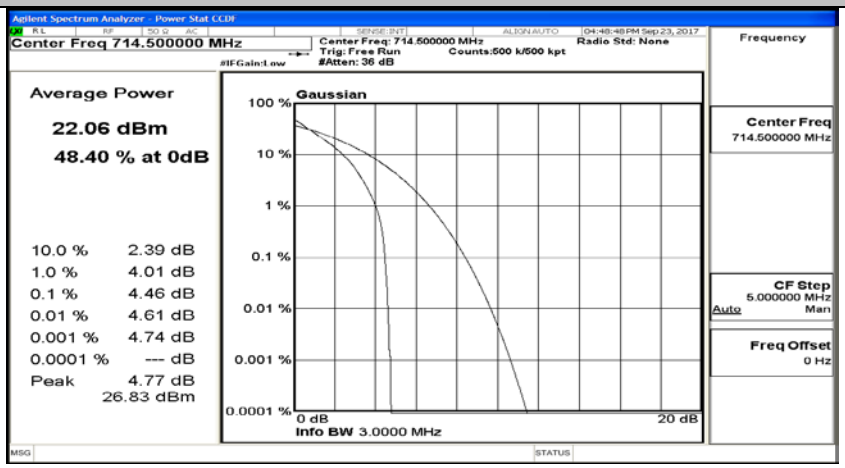
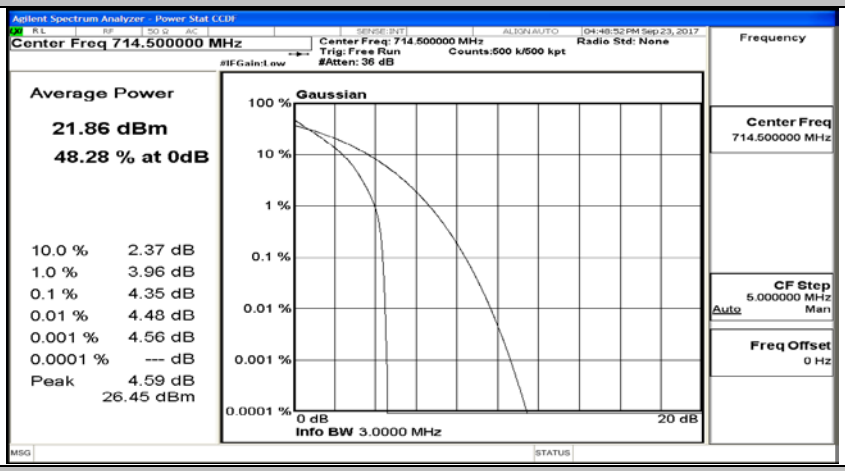


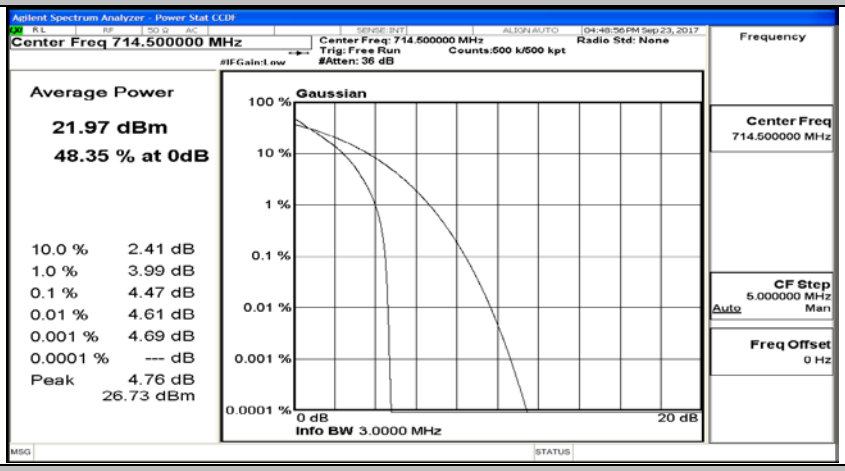
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



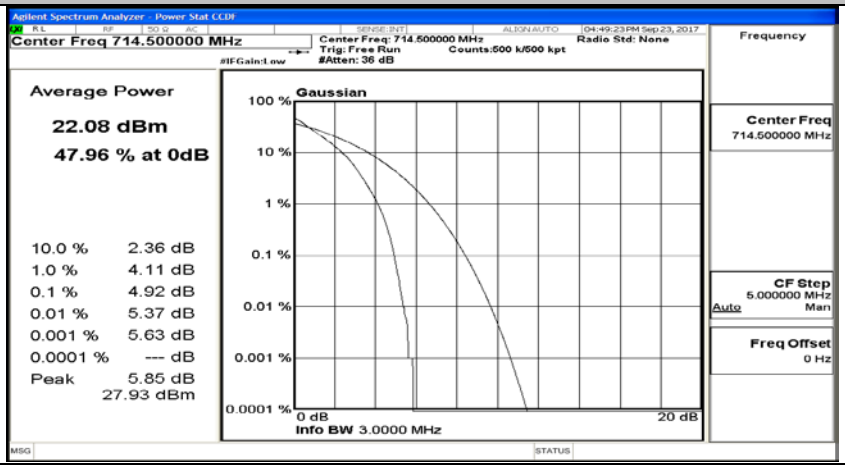
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4



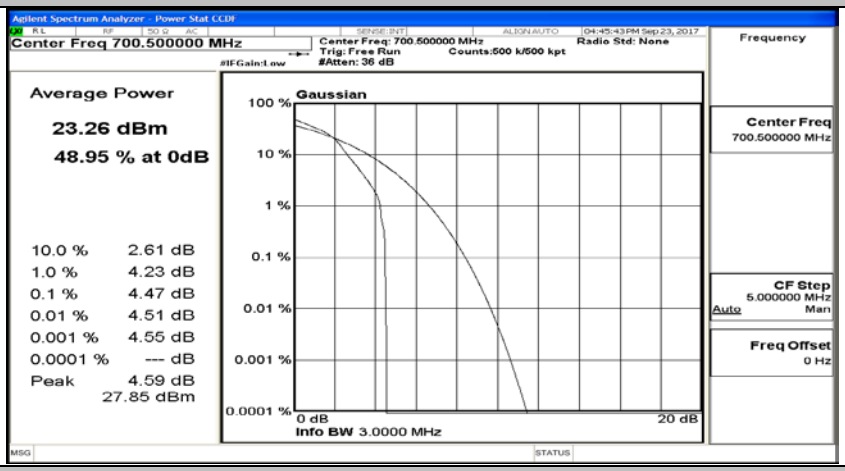
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7



(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



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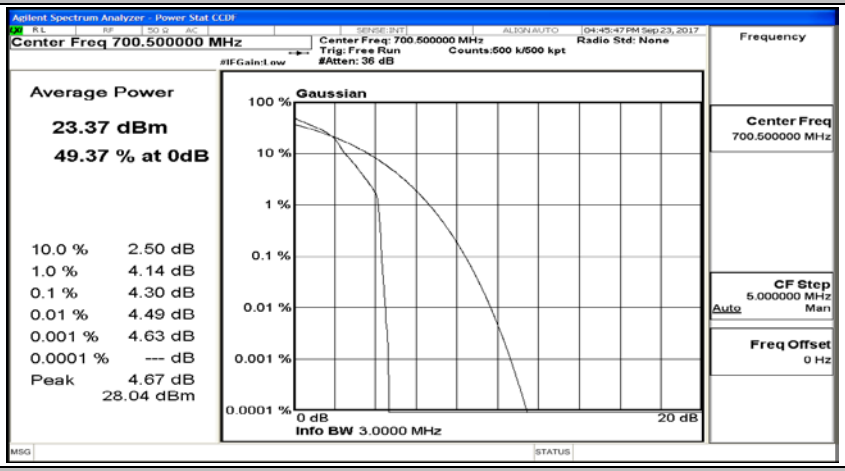
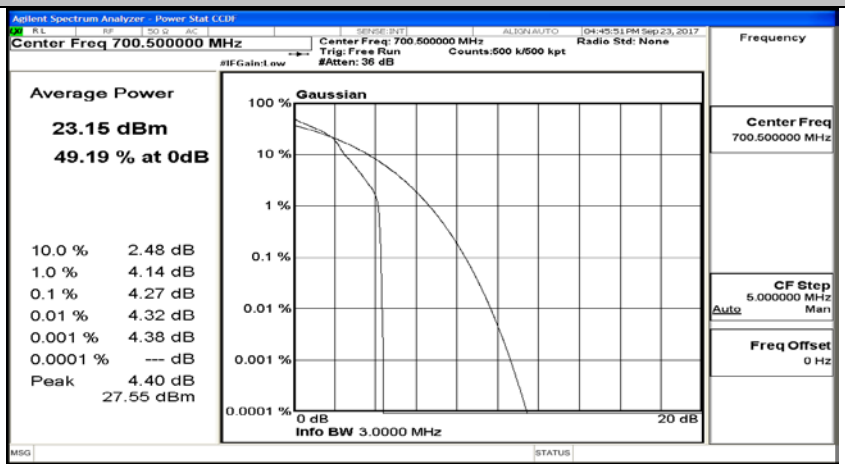
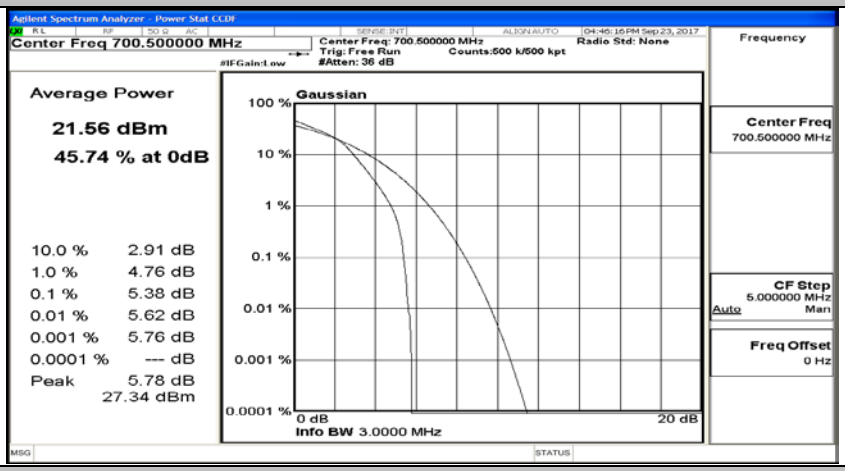


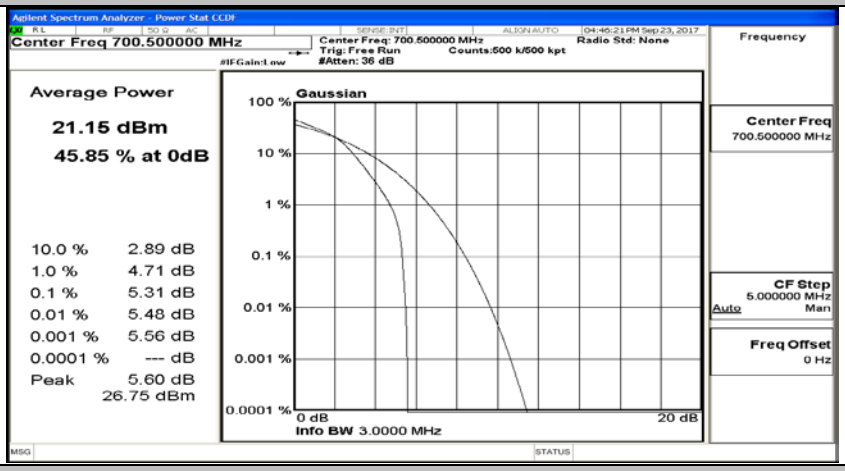
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14



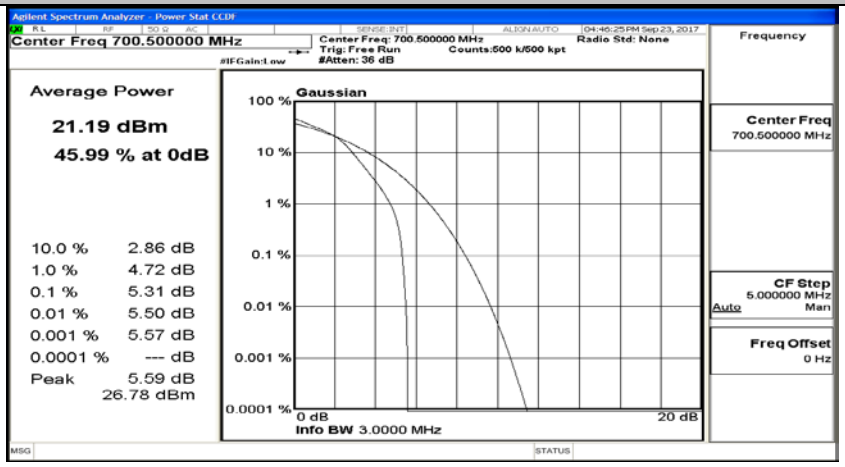
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7



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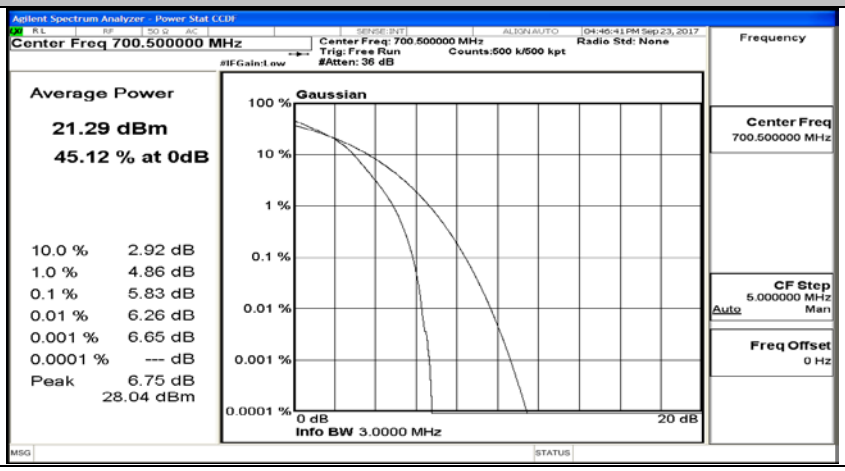
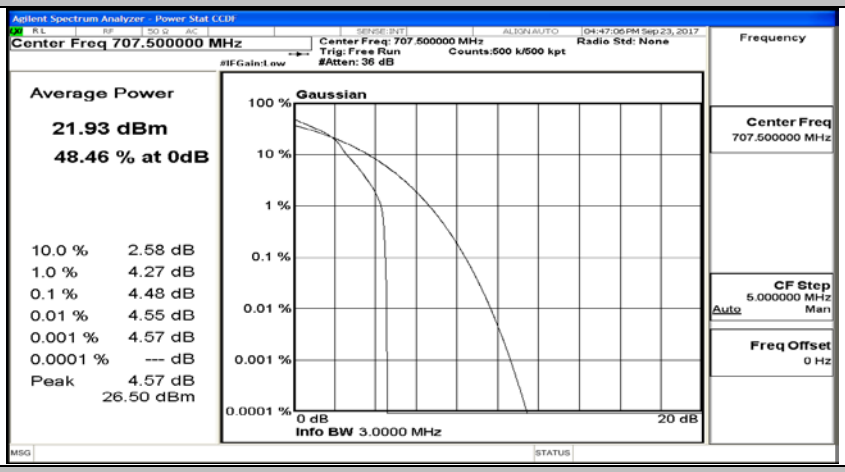
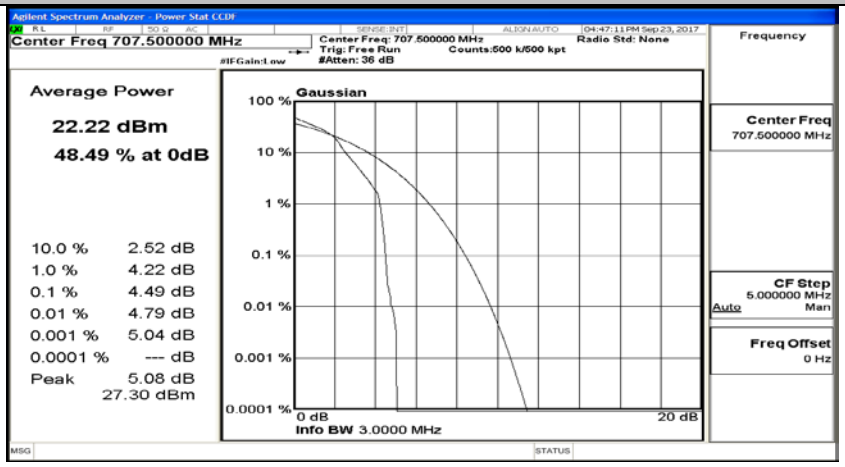


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7



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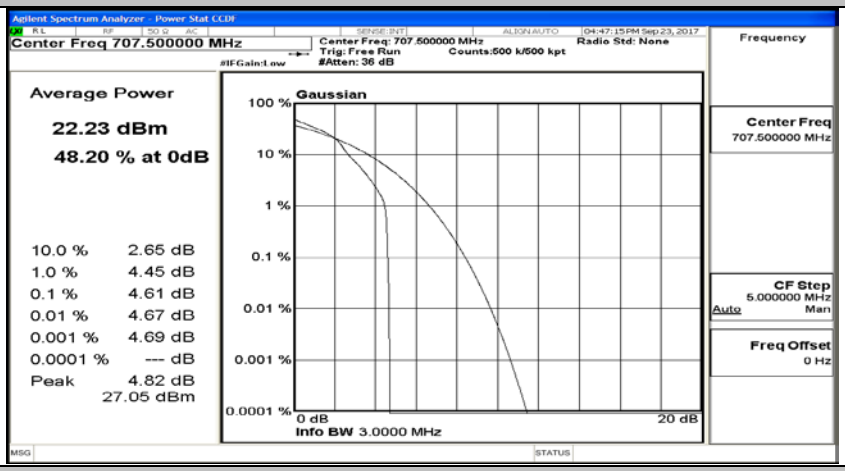
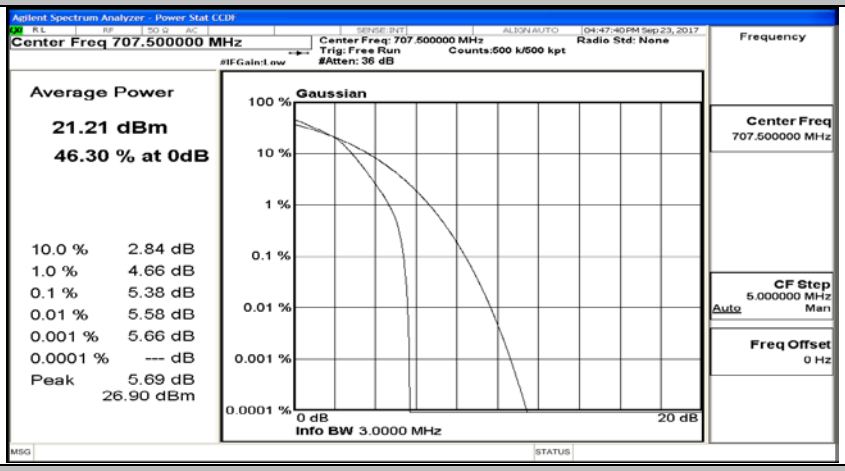
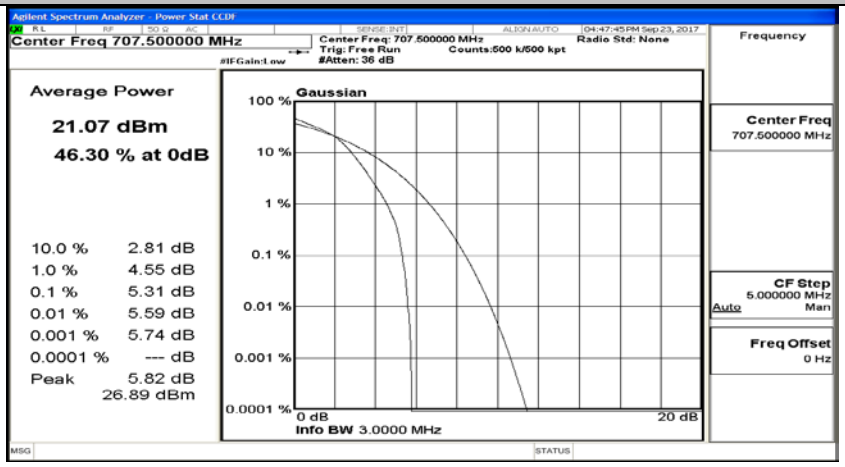
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#4