C.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	2.32	<13	PASS
		1	3	2.54	<13	PASS
		1	5	2.7	<13	PASS
		3	0	2.49	<13	PASS
		3	2	2.71	<13	PASS
		3	3	2.85	<13	PASS
		6	0	3.49	<13	PASS
	MCH	1	0	3.72	<13	PASS
		1	3	3.48	<13	PASS
		1	5	3.27	<13	PASS
		3	0	4.05	<13	PASS
		3	2	3.85	<13	PASS
		3	3	3.71	<13	PASS
		6	0	4.61	<13	PASS
	HCH	1	0	4.06	<13	PASS
		1	3	3.6	<13	PASS
		1	5	3.35	<13	PASS
		3	0	4.16	<13	PASS
		3	2	3.87	<13	PASS
		3	3	3.74	<13	PASS
		6	0	4.93	<13	PASS
16QAM	LCH	1	0	3.27	<13	PASS
		1	3	3.46	<13	PASS
		1	5	3.79	<13	PASS
		3	0	3.49	<13	PASS
		3	2	3.7	<13	PASS
		3	3	3.78	<13	PASS
		6	0	4.46	<13	PASS
	MCH	1	0	4.71	<13	PASS
		1	3	4.47	<13	PASS
		1	5	4.2	<13	PASS
		3	0	4.93	<13	PASS
		3	2	4.71	<13	PASS
		3	3	4.57	<13	PASS
		6	0	5.5	<13	PASS
	HCH	1	0	4.82	<13	PASS

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		1	3	4.53	<13	PASS
		1	5	4.34	<13	PASS
		3	0	4.93	<13	PASS
		3	2	4.71	<13	PASS
		3	3	4.53	<13	PASS
		6	0	5.81	<13	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict
		Size	Offset	[dB]	[dB]	
QPSK	LCH	1	0	2.34	<13	PASS
		1	7	2.98	<13	PASS
		1	14	4.1	<13	PASS
		8	0	3.62	<13	PASS
		8	4	4.21	<13	PASS
		8	7	4.65	<13	PASS
		15	0	4.27	<13	PASS
	MCH	1	0	4.25	<13	PASS
		1	7	3.65	<13	PASS
		1	14	3.21	<13	PASS
		8	0	5.16	<13	PASS
		8	4	4.67	<13	PASS
		8	7	4.33	<13	PASS
		15	0	4.79	<13	PASS
	HCH	1	0	4.39	<13	PASS
		1	7	4.08	<13	PASS
		1	14	3.31	<13	PASS
		8	0	5.54	<13	PASS
		8	4	5.31	<13	PASS
		8	7	4.98	<13	PASS
		15	0	5.36	<13	PASS
16QAM	LCH	1	0	3.18	<13	PASS
		1	7	3.9	<13	PASS
		1	14	4.77	<13	PASS
		8	0	4.52	<13	PASS
		8	4	5.05	<13	PASS
		8	7	5.45	<13	PASS
		15	0	5.24	<13	PASS
	MCH	1	0	5.14	<13	PASS
		1	7	4.28	<13	PASS
		1	14	4.11	<13	PASS

		8	0	5.86	<13	PASS
		8	4	5.43	<13	PASS
		8	7	5.16	<13	PASS
		15	0	5.71	<13	PASS
	HCH	1	0	5.19	<13	PASS
		1	7	5.11	<13	PASS
		1	14	4.41	<13	PASS
		8	0	6.2	<13	PASS
		8	4	6.12	<13	PASS
		8	7	5.75	<13	PASS
		15	0	6.21	<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	2.33	<13	PASS
		1	12	3.92	<13	PASS
		1	24	5.2	<13	PASS
		12	0	4.09	<13	PASS
		12	6	5.18	<13	PASS
		12	13	6.11	<13	PASS
		25	0	5.23	<13	PASS
	MCH	1	0	4.75	<13	PASS
		1	12	3.84	<13	PASS
		1	24	3.29	<13	PASS
		12	0	5.84	<13	PASS
		12	6	5.11	<13	PASS
		12	13	4.33	<13	PASS
		25	0	5.2	<13	PASS
	HCH	1	0	3.87	<13	PASS
		1	12	4.36	<13	PASS
		1	24	3.45	<13	PASS
		12	0	5.39	<13	PASS
		12	6	5.55	<13	PASS
		12	13	5.29	<13	PASS
		25	0	5.35	<13	PASS
16QAM	LCH	1	0	3.27	<13	PASS
		1	12	4.87	<13	PASS
		1	24	6.13	<13	PASS
		12	0	4.95	<13	PASS
		12	6	6.02	<13	PASS

		12	13	6.86	<13	PASS
		25	0	6.15	<13	PASS
	MCH	1	0	5.66	<13	PASS
		1	12	4.8	<13	PASS
		1	24	4.23	<13	PASS
		12	0	6.63	<13	PASS
		12	6	5.97	<13	PASS
		12	13	5.22	<13	PASS
		25	0	6.07	<13	PASS
	HCH	1	0	4.58	<13	PASS
		1	12	5.14	<13	PASS
		1	24	4.25	<13	PASS
		12	0	6.26	<13	PASS
		12	6	6.44	<13	PASS
		12	13	6.17	<13	PASS
		25	0	6.24	<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	2.44	<13	PASS
		1	24	5.61	<13	PASS
		1	49	3.55	<13	PASS
		25	0	5.21	<13	PASS
		25	12	6.27	<13	PASS
		25	25	5.89	<13	PASS
		50	0	5.48	<13	PASS
	MCH	1	0	5.13	<13	PASS
		1	24	3.98	<13	PASS
		1	49	4.13	<13	PASS
		25	0	6.13	<13	PASS
		25	12	5.25	<13	PASS
		25	25	4.77	<13	PASS
		50	0	5.57	<13	PASS
	HCH	1	0	4.05	<13	PASS
		1	24	3.71	<13	PASS
		1	49	3.89	<13	PASS
		25	0	4.71	<13	PASS
		25	12	4.99	<13	PASS
		25	25	5.31	<13	PASS
		50	0	5.15	<13	PASS

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	LCH	1	0	3.23	<13	PASS
		1	24	6.34	<13	PASS
		1	49	4.34	<13	PASS
		25	0	6.16	<13	PASS
		25	12	7.06	<13	PASS
		25	25	6.65	<13	PASS
		50	0	6.34	<13	PASS
16QAM	MCH	1	0	5.53	<13	PASS
		1	24	4.79	<13	PASS
		1	49	4.86	<13	PASS
		25	0	6.98	<13	PASS
		25	12	6.08	<13	PASS
		25	25	5.6	<13	PASS
		50	0	6.27	<13	PASS
	HCH	1	0	4.95	<13	PASS
		1	24	4.57	<13	PASS
		1	49	4.78	<13	PASS
		25	0	5.49	<13	PASS
		25	12	5.87	<13	PASS
		25	25	6.22	<13	PASS
		50	0	6.02	<13	PASS

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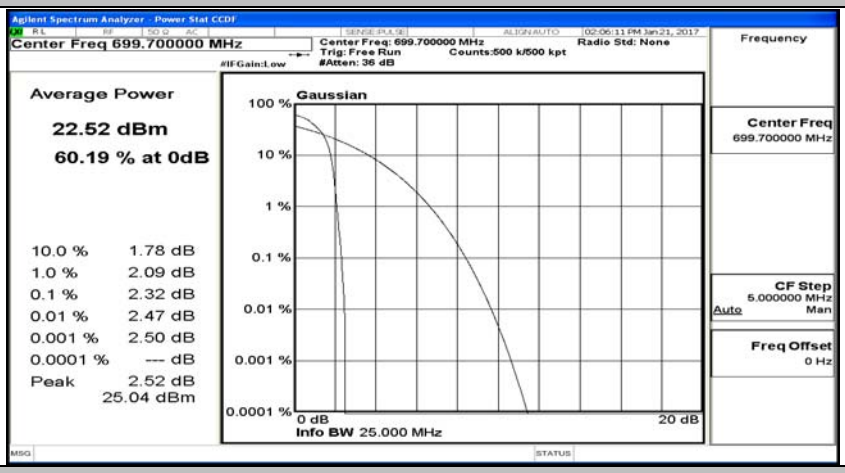
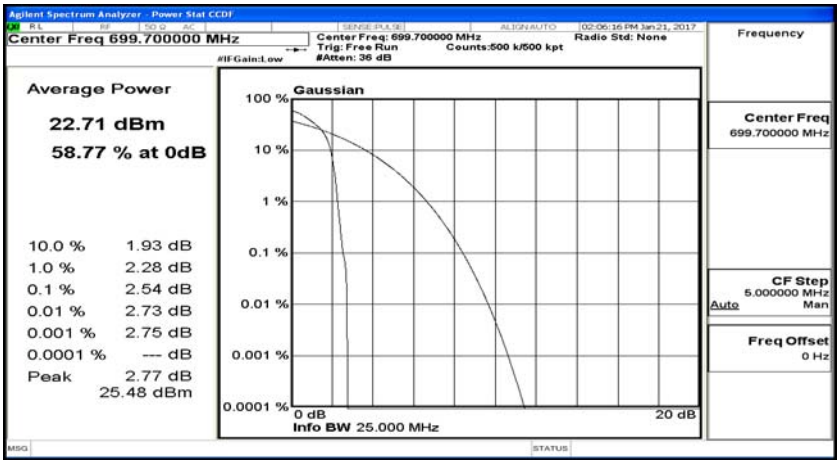
Test Graphs

Channel Bandwidth: 1.4 MHz

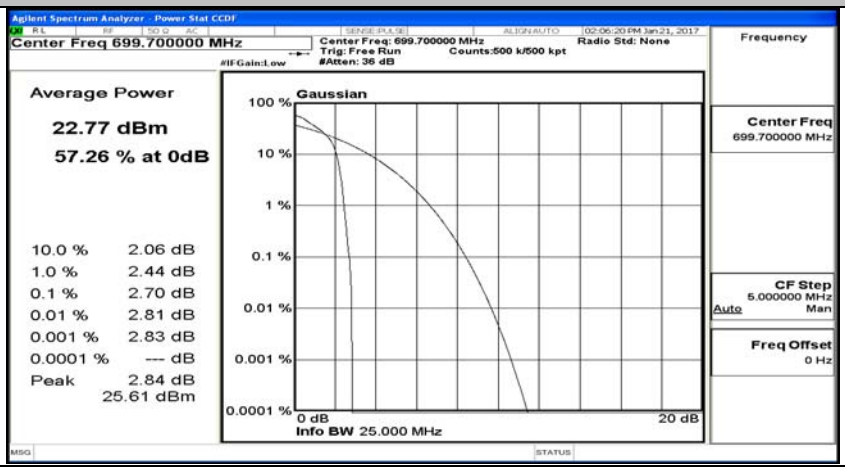
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



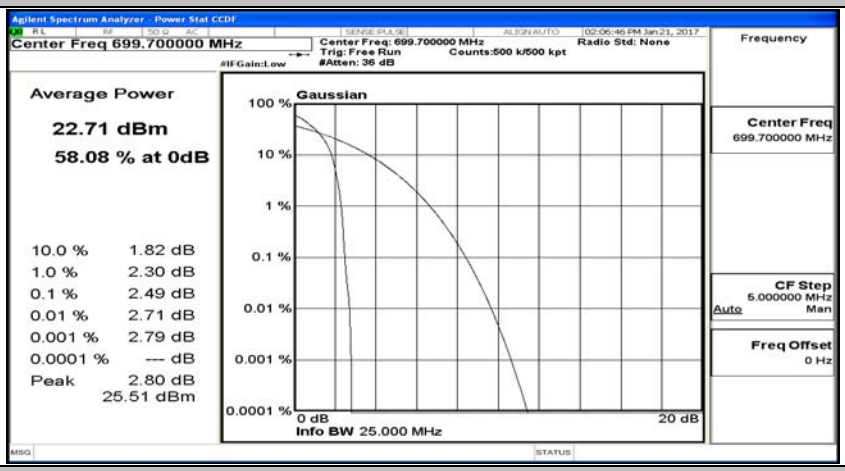
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3



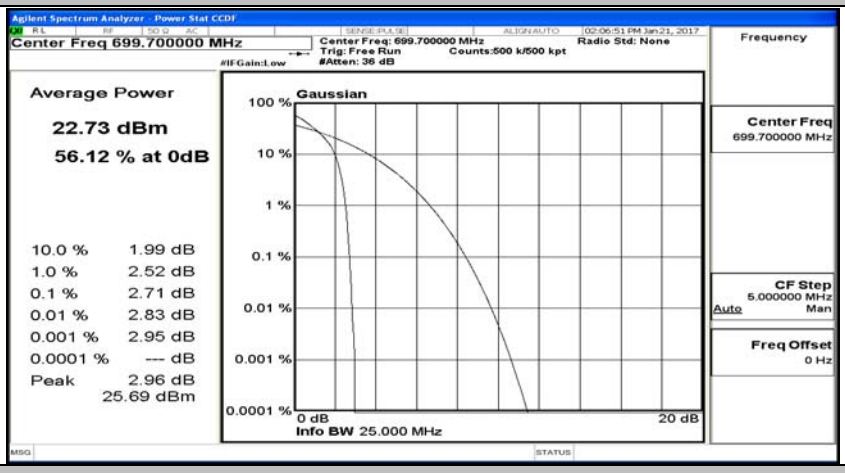
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



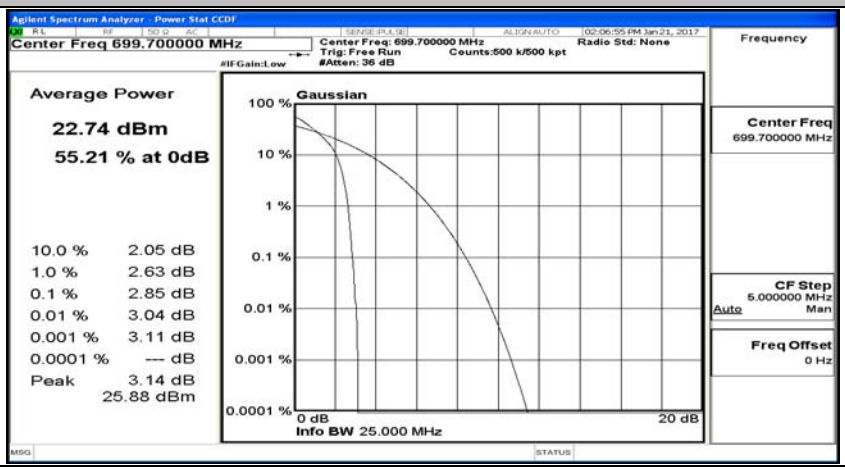
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0



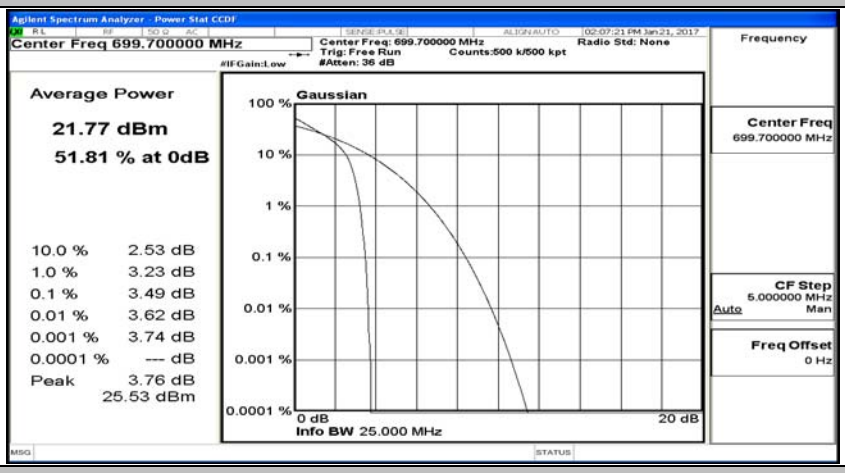
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



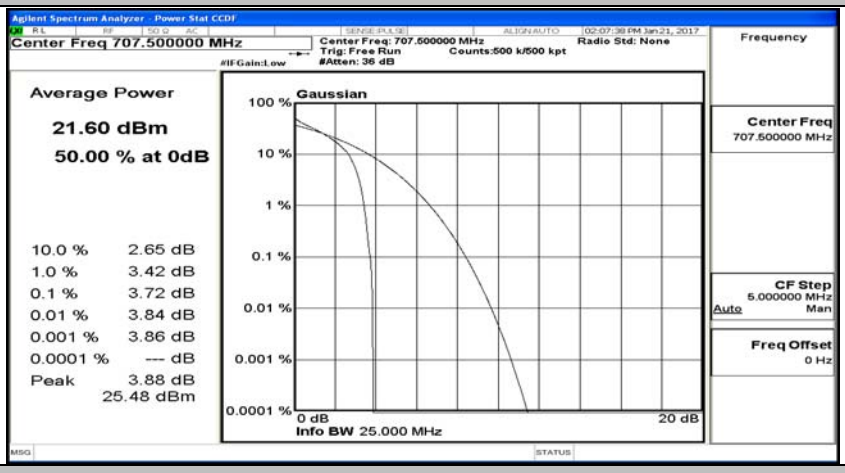
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



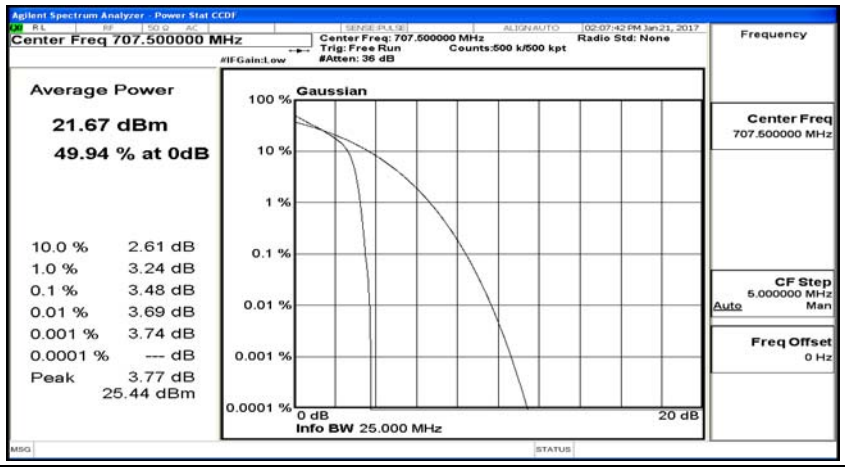
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



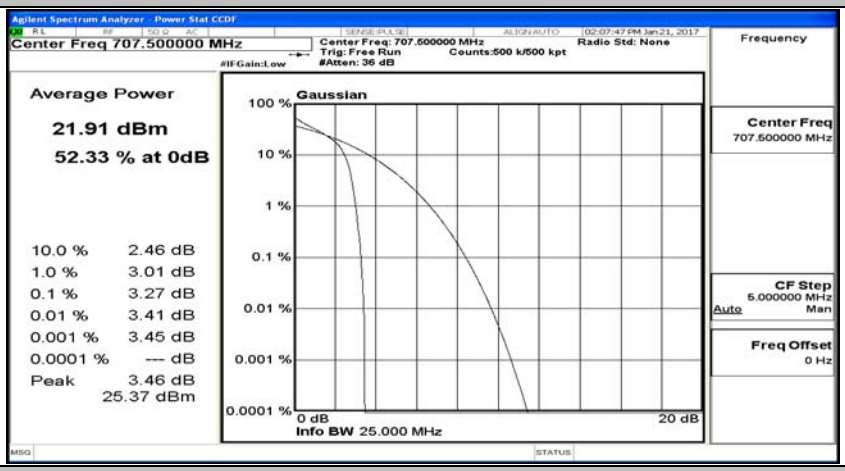
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



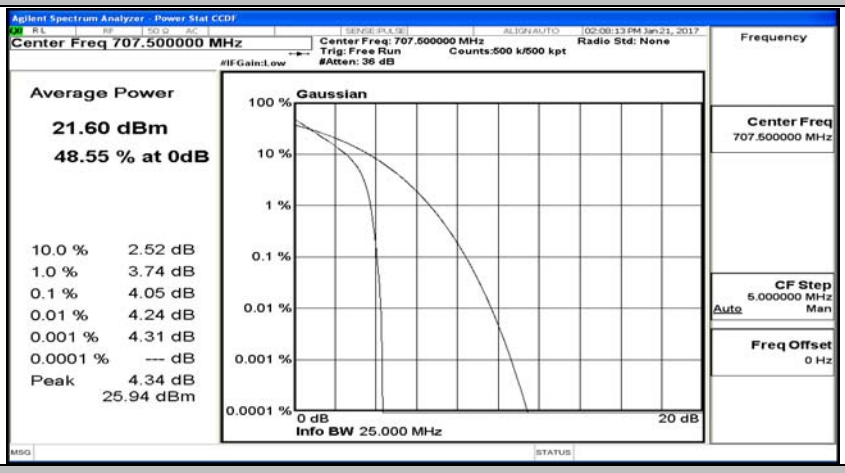
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



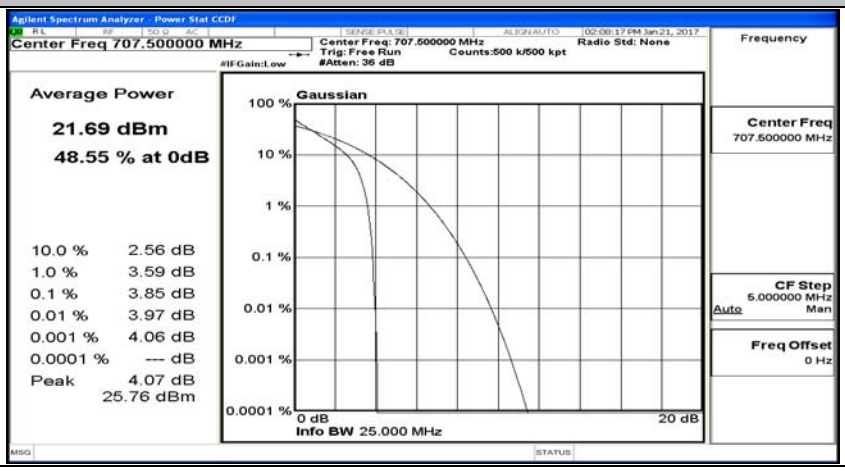
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



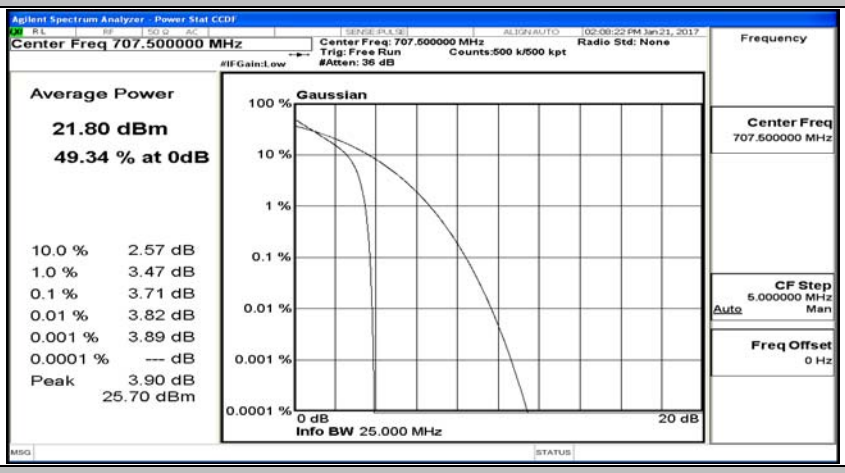
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



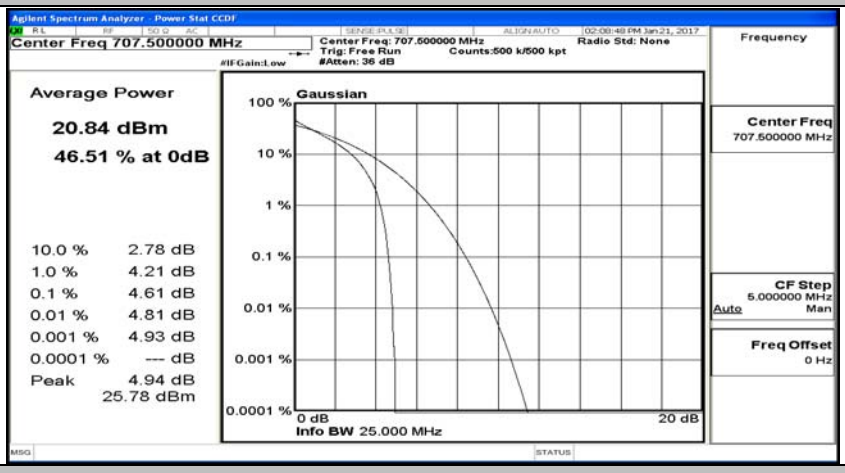
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



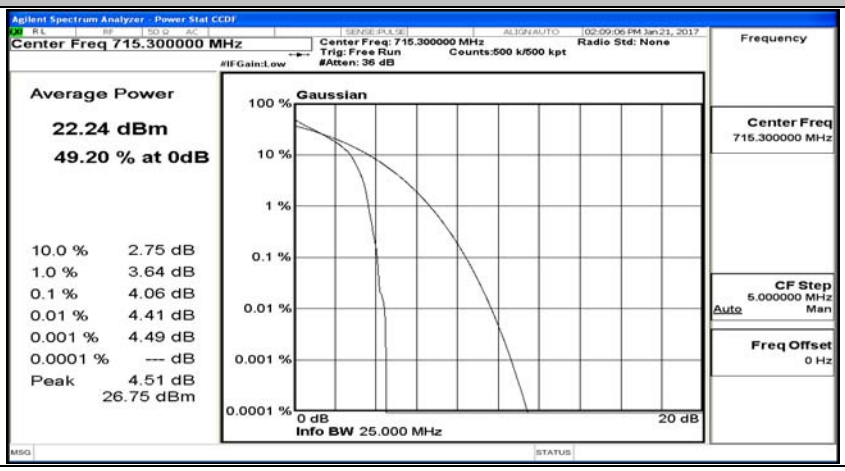
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



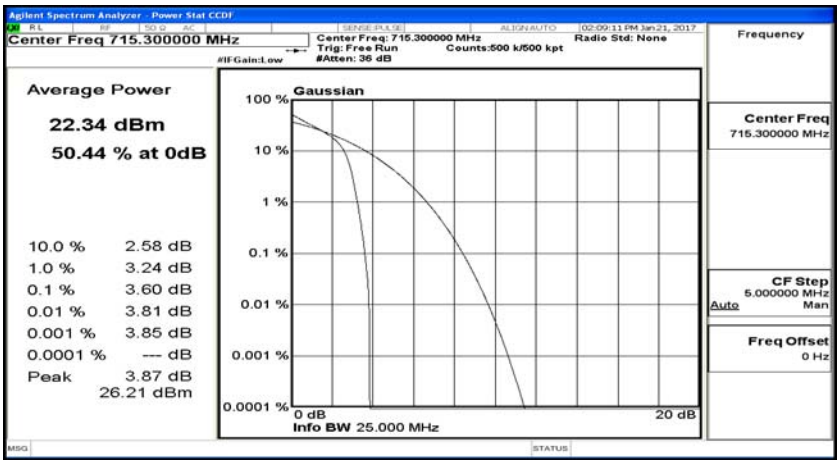
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



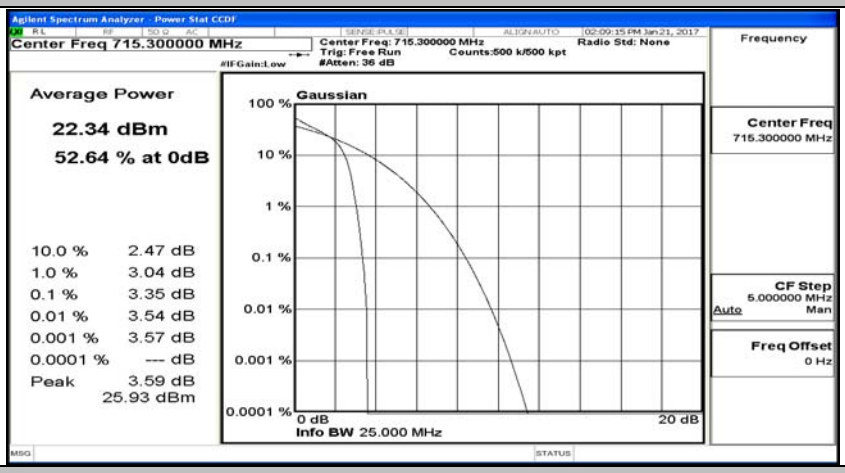
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



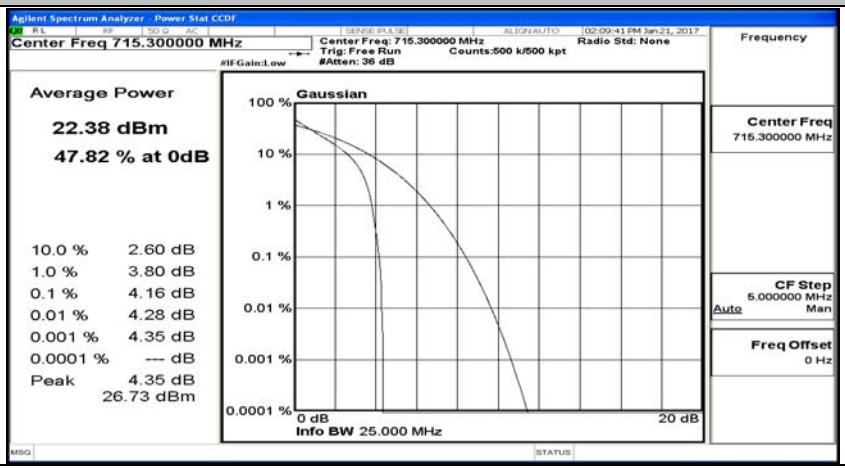
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



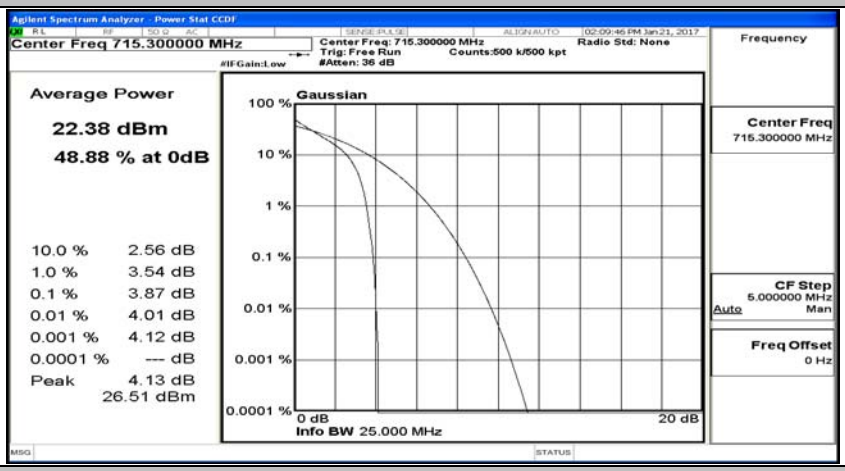
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



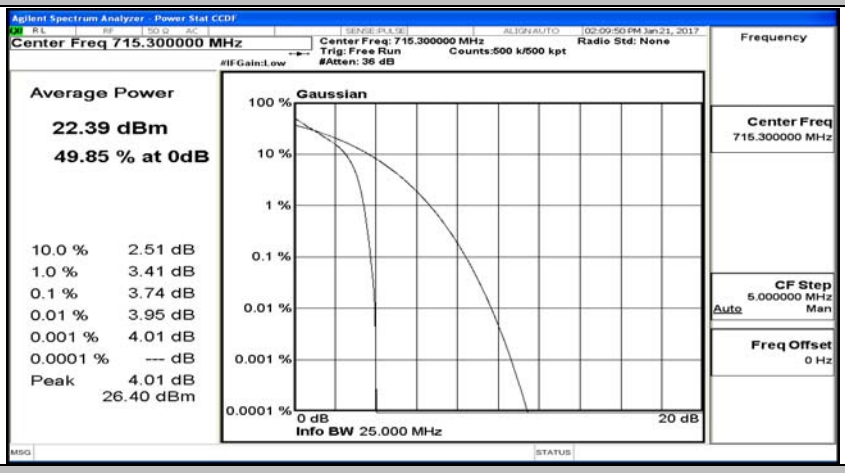
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



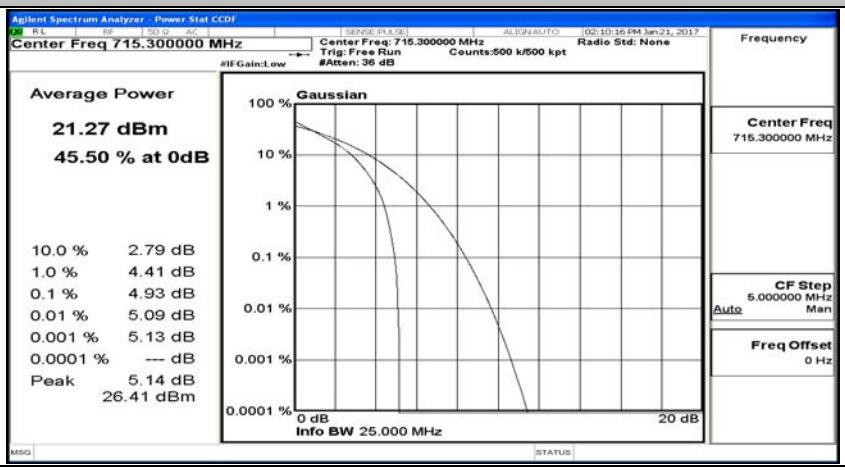
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



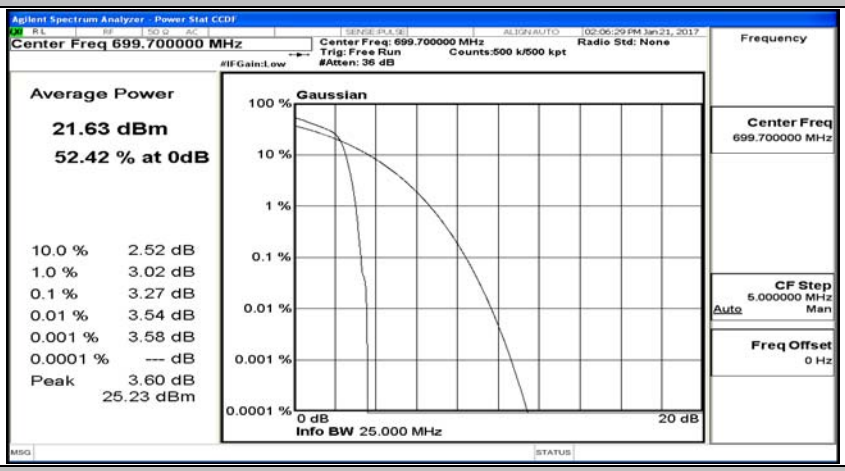
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



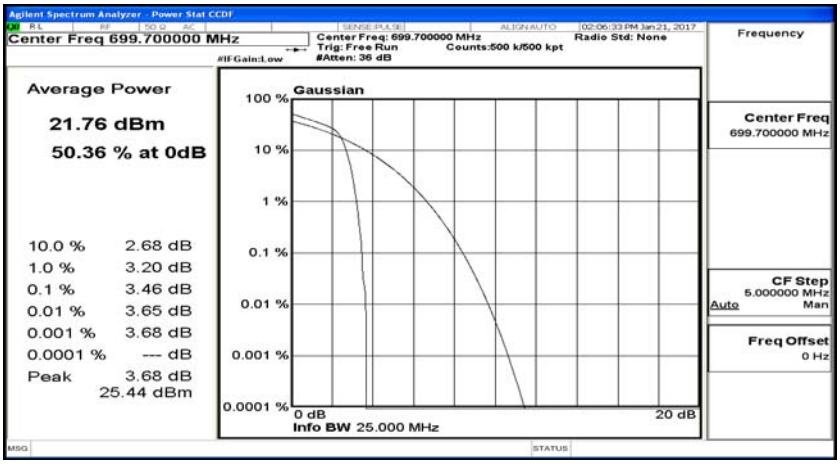
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



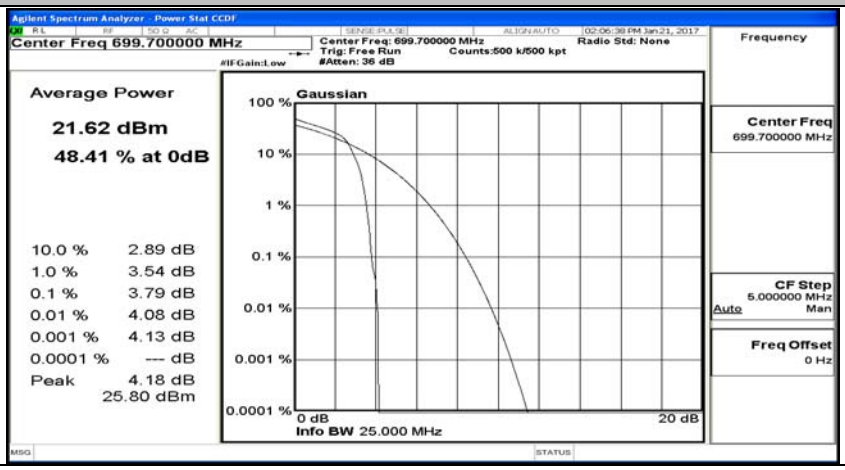
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



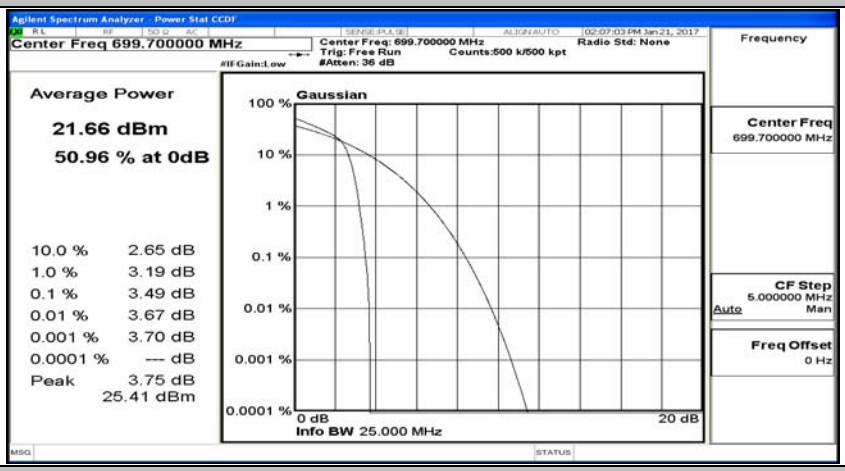
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



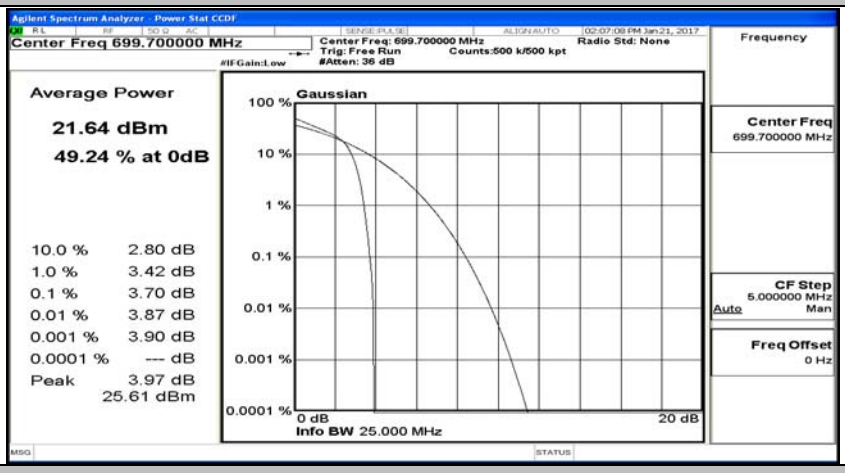
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



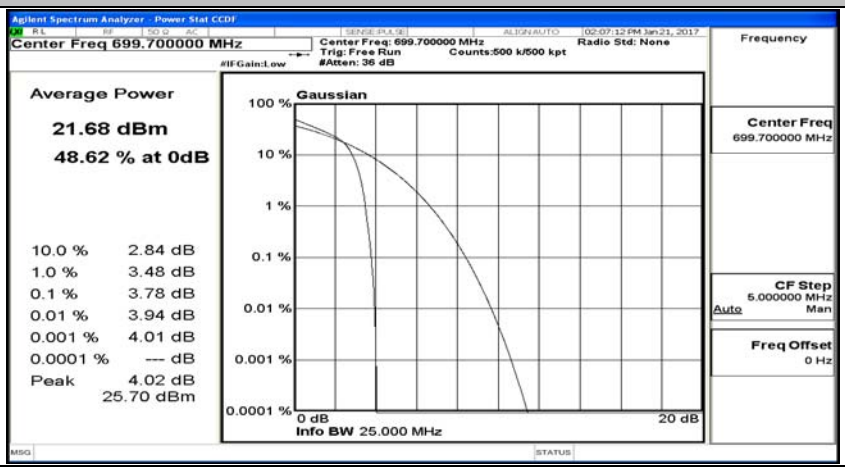
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



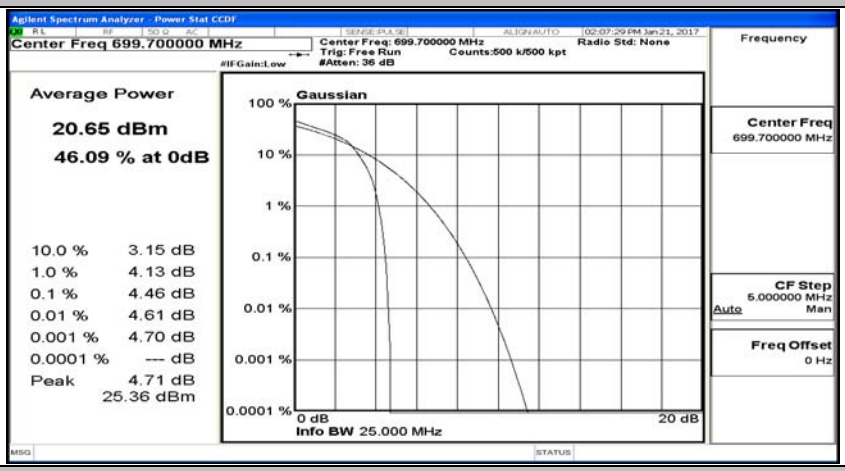
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



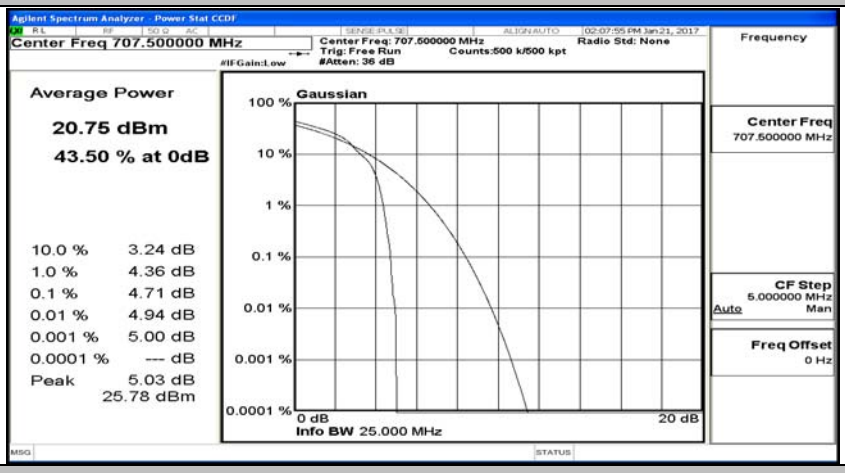
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



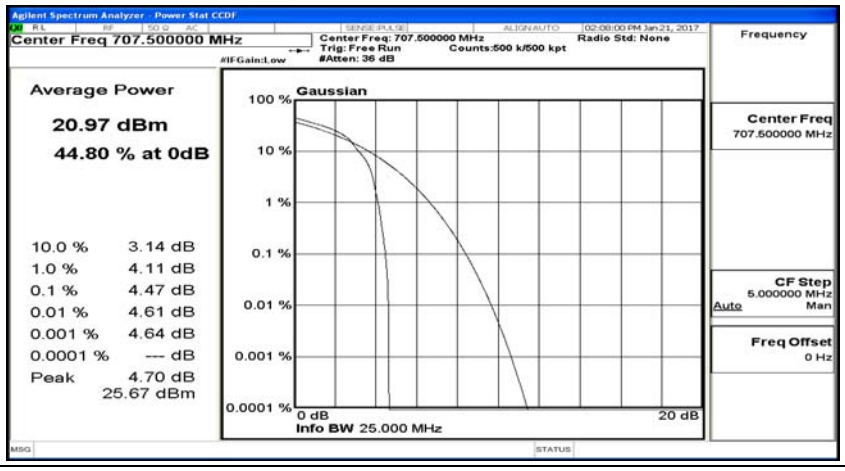
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



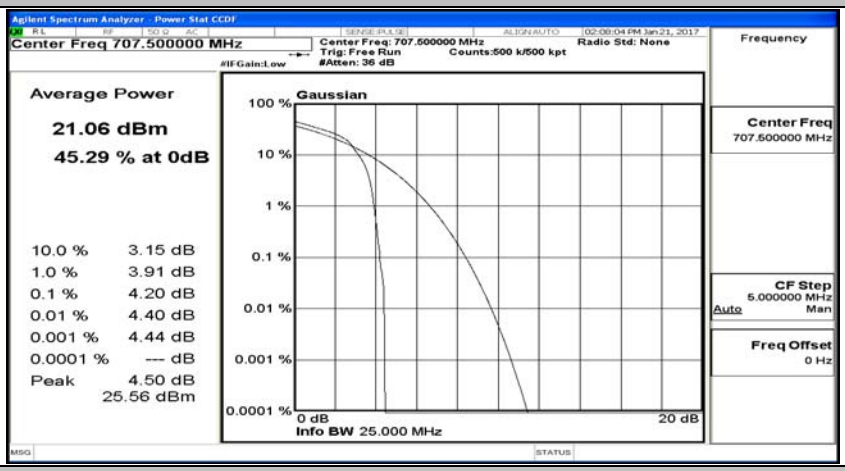
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



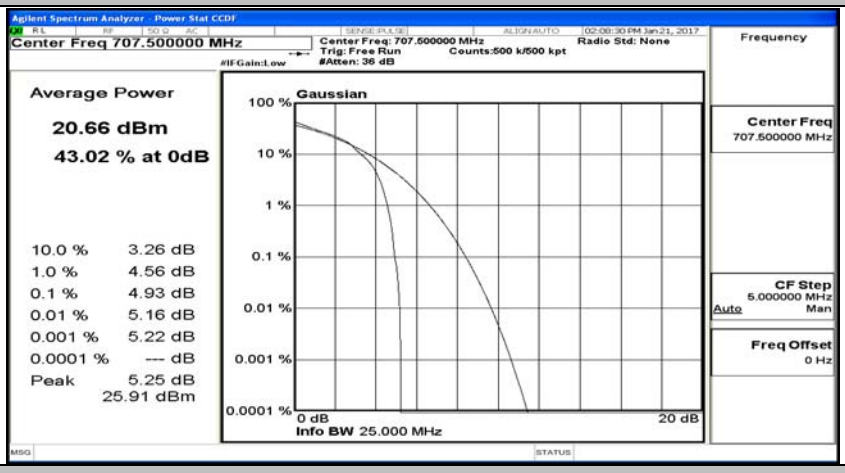
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



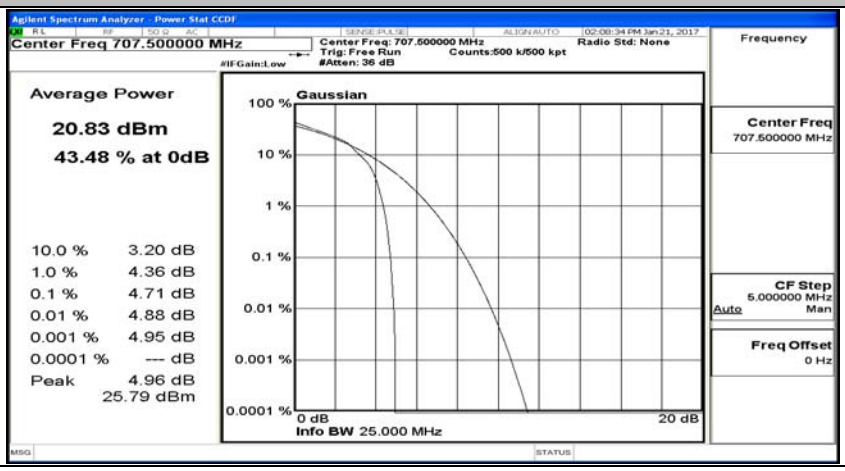
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



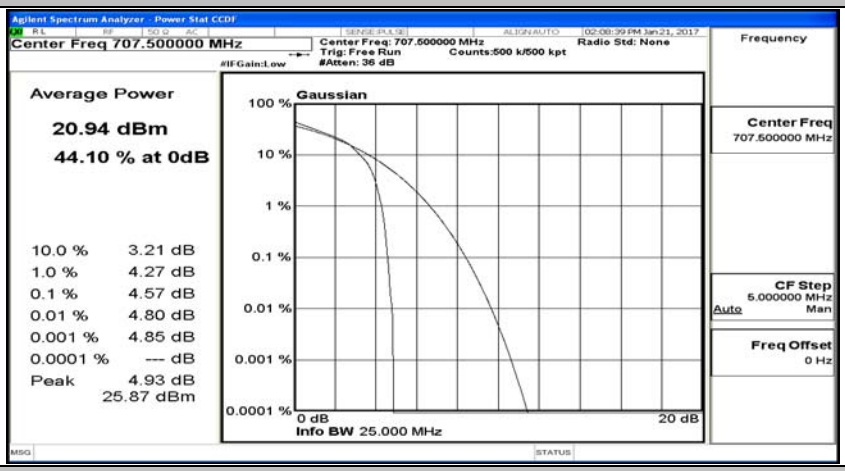
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



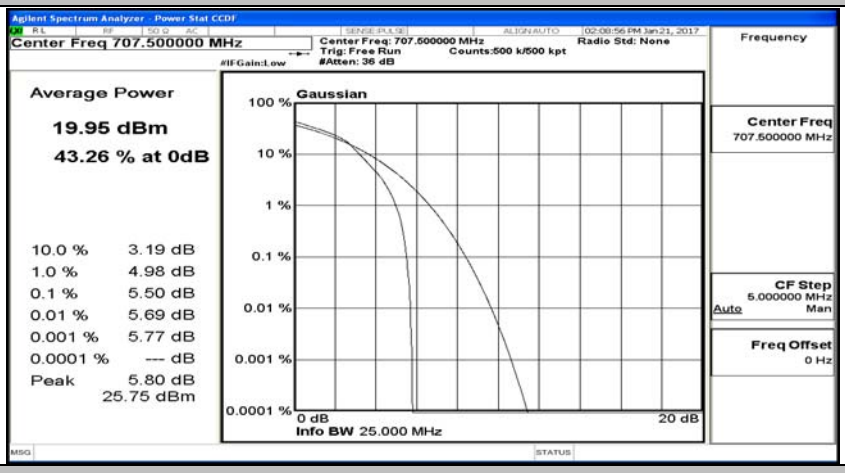
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



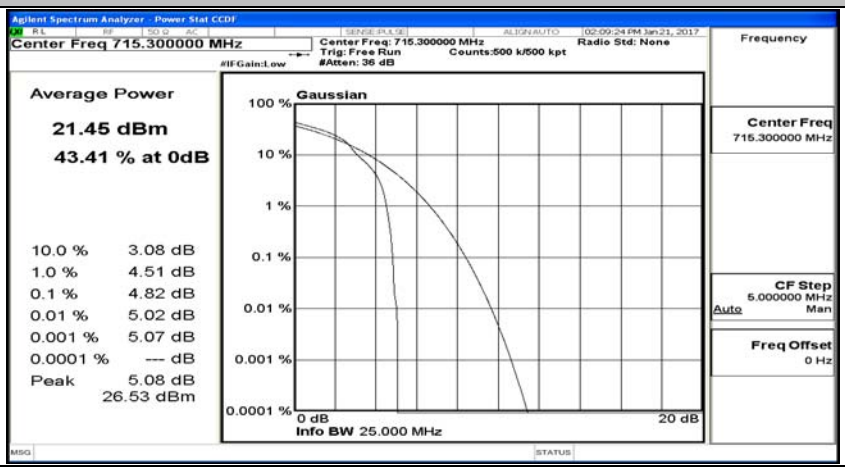
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



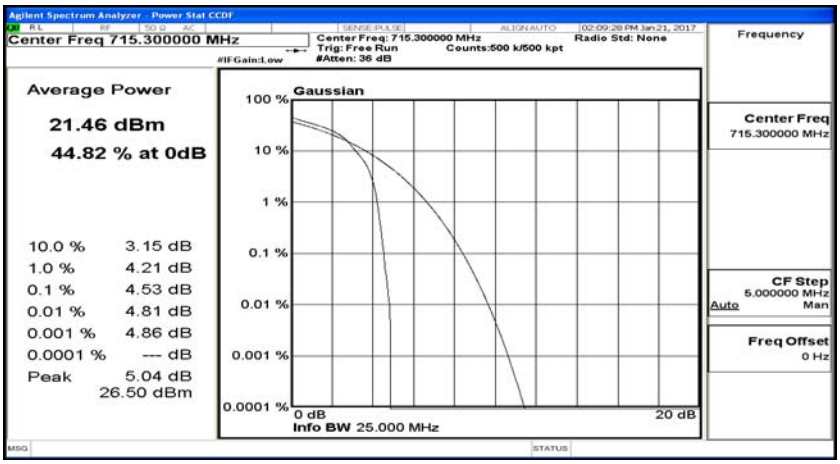
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



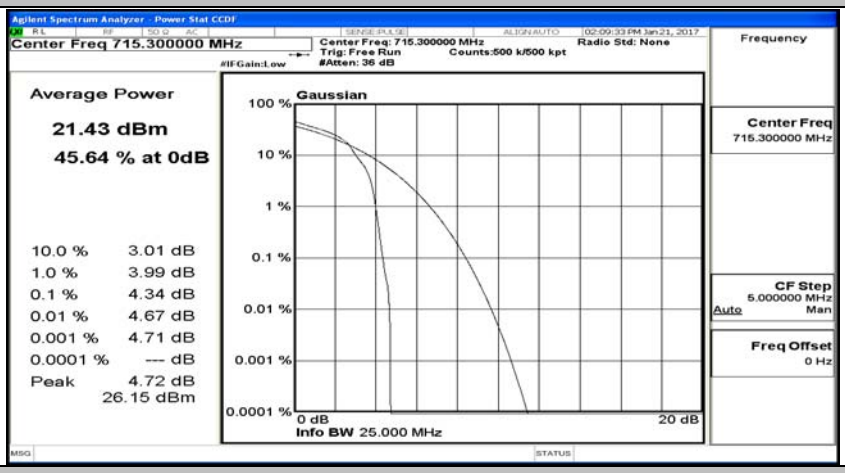
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



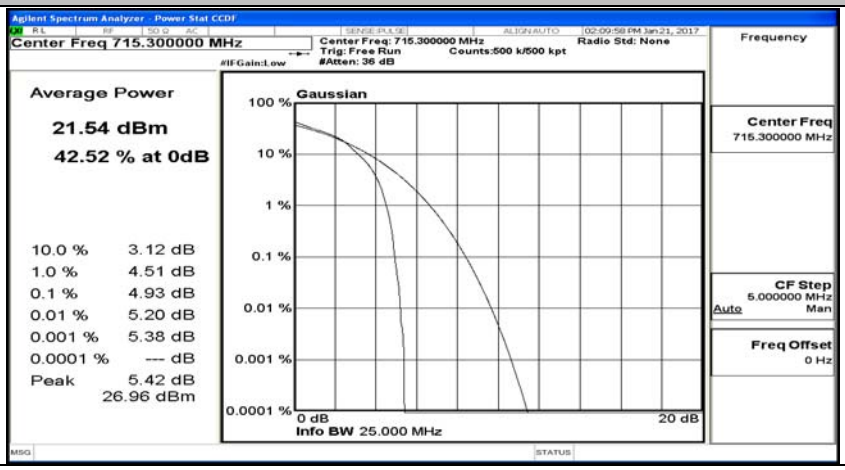
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



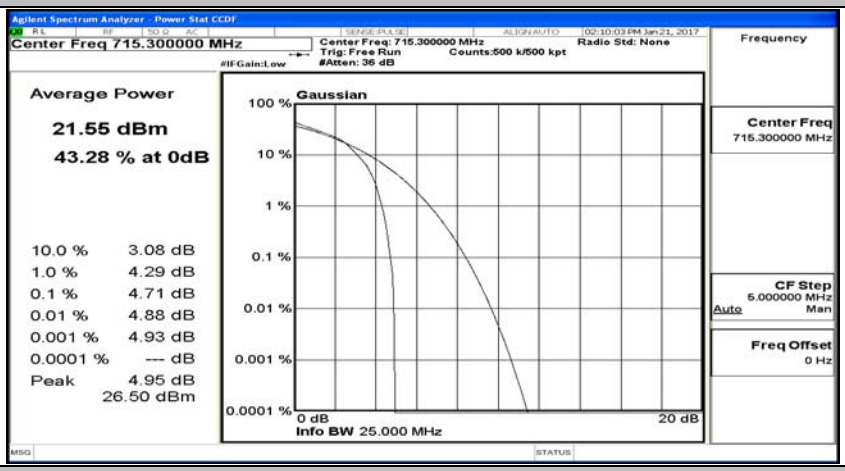
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



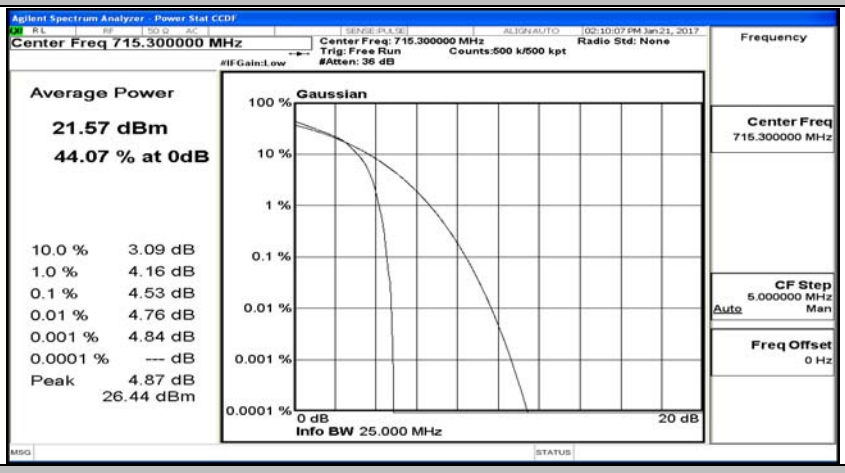
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



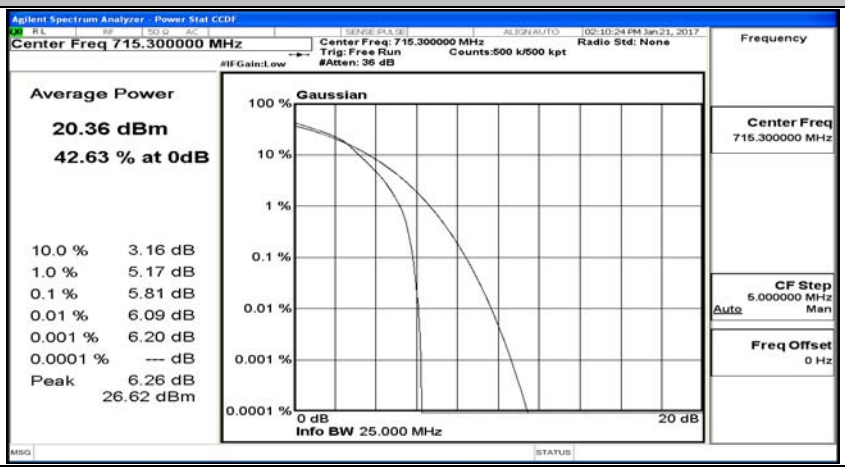
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

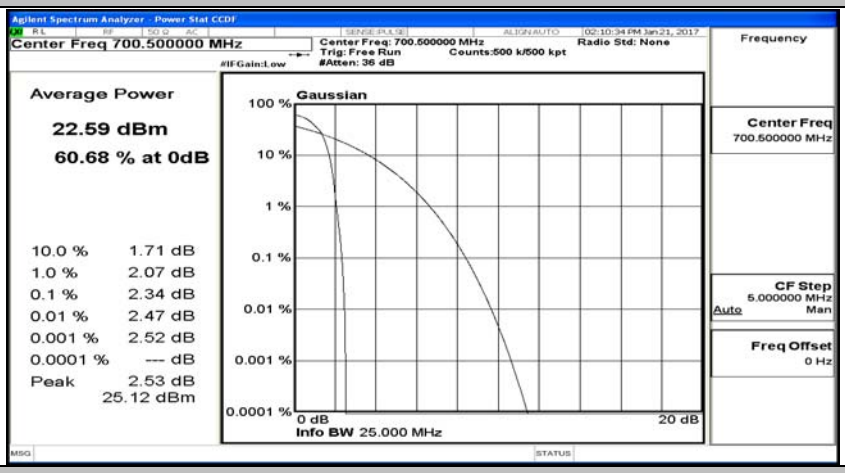


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

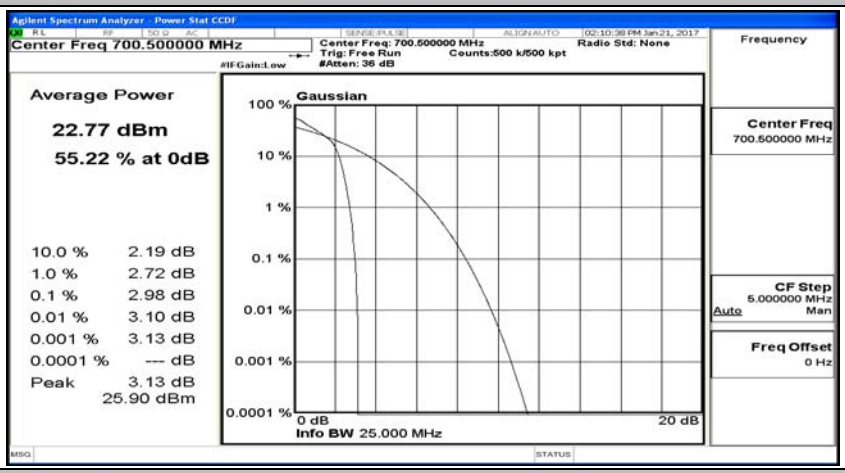


Channel Bandwidth: 3 MHz

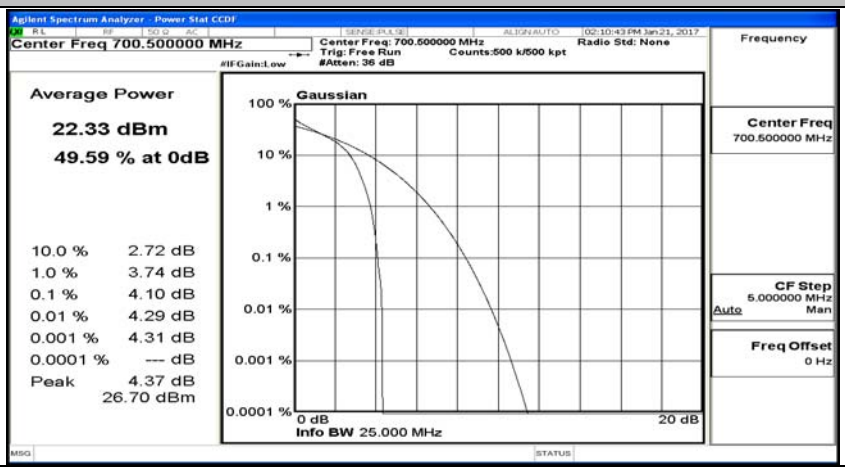
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



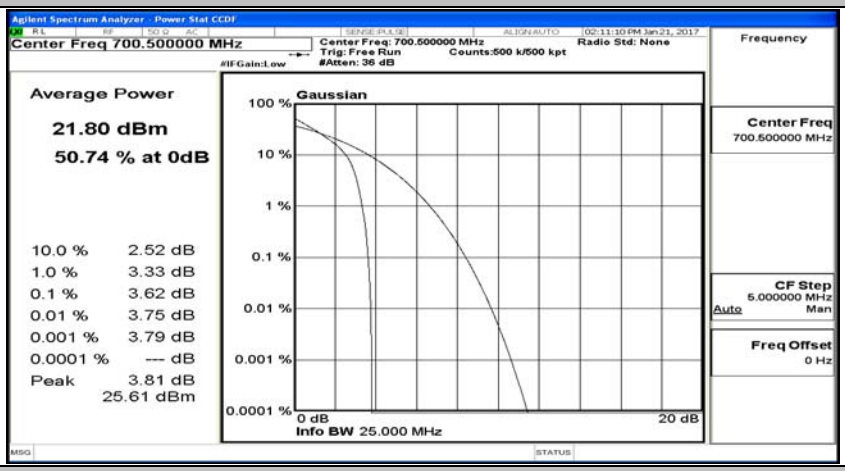
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



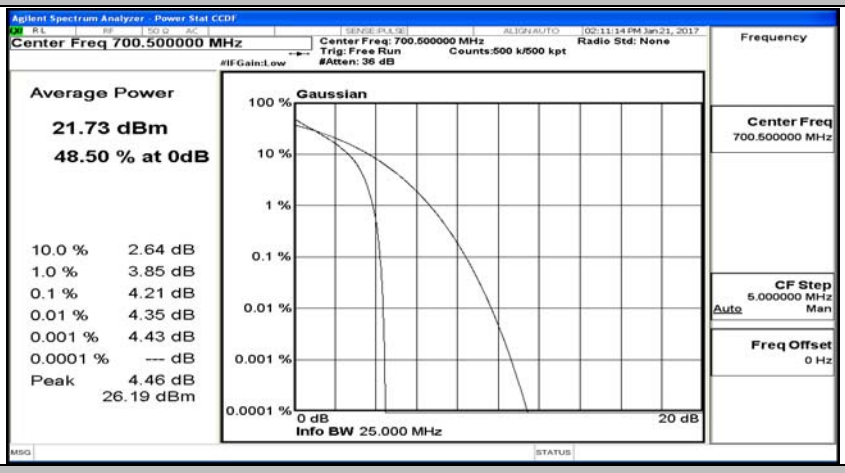
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



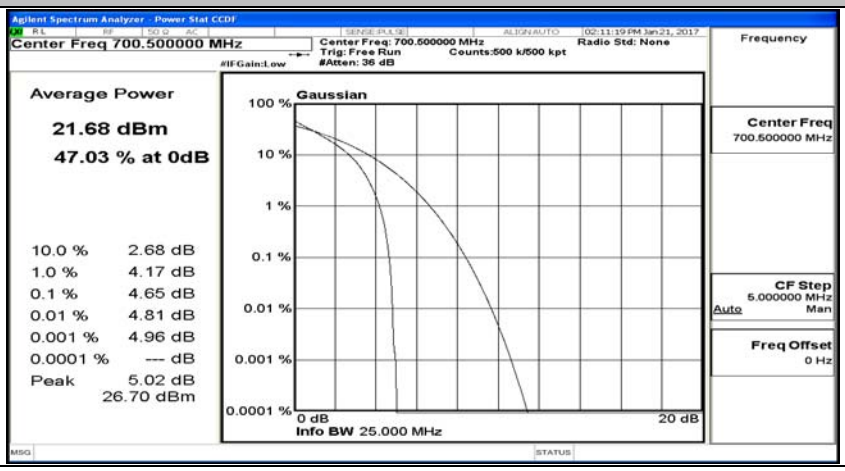
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0



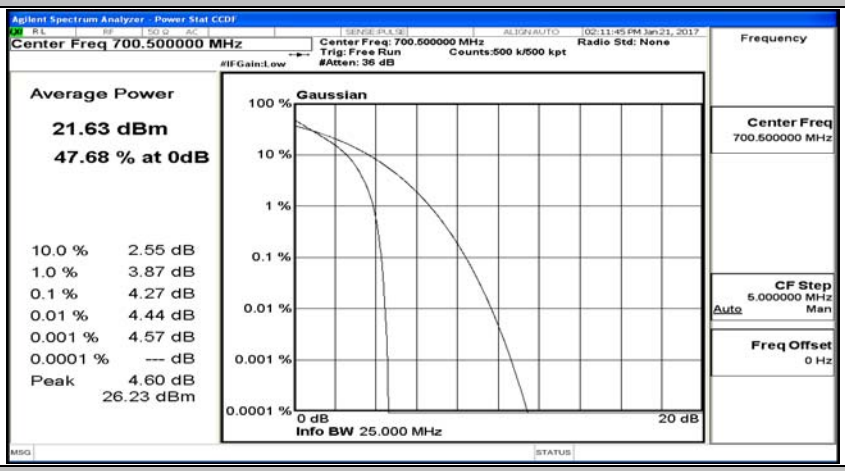
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4



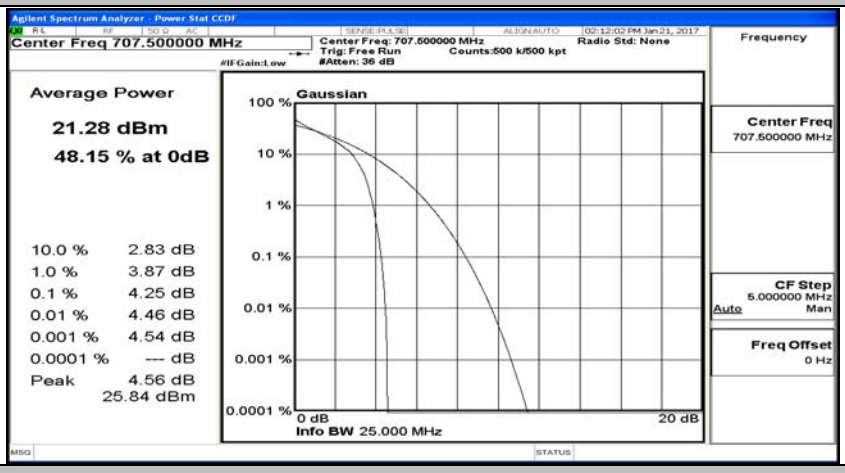
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



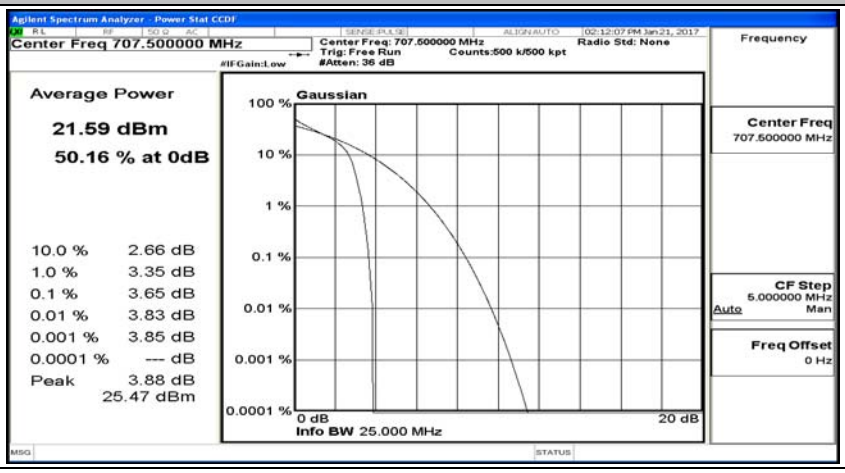
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



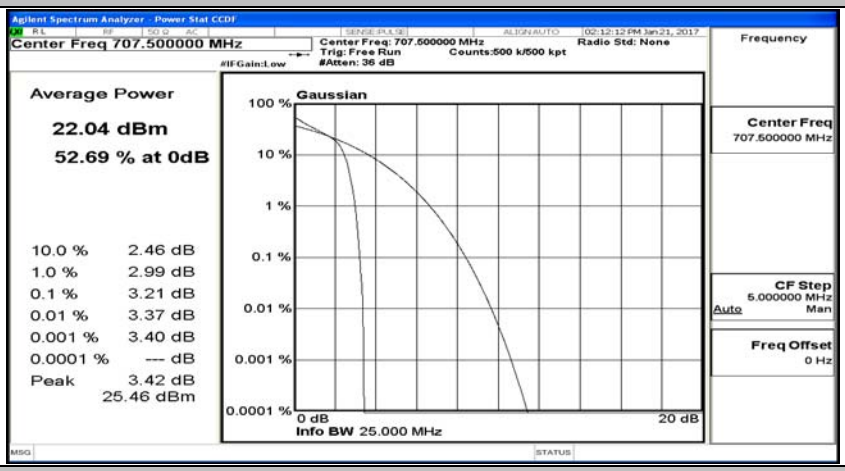
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



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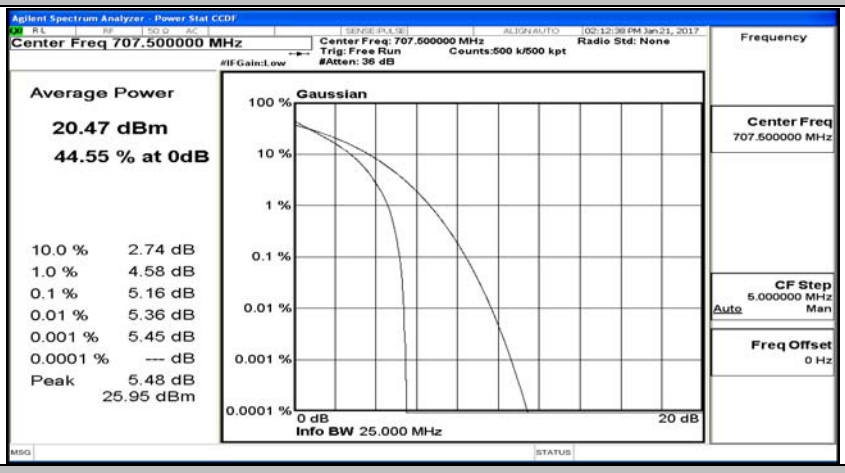
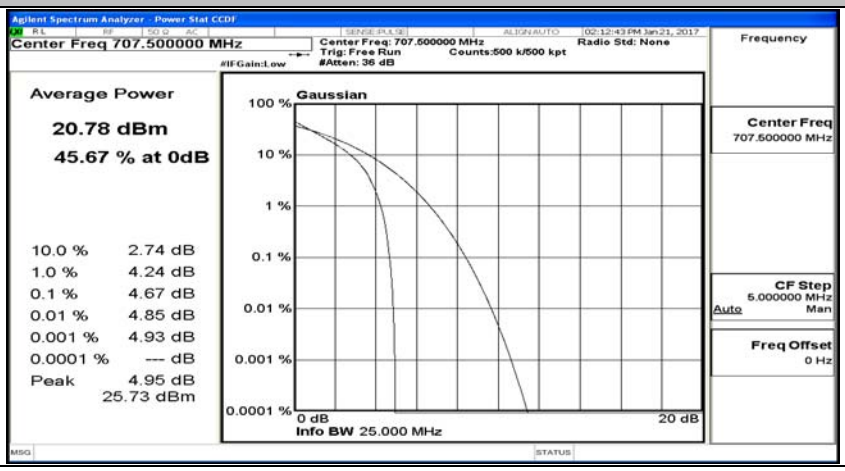
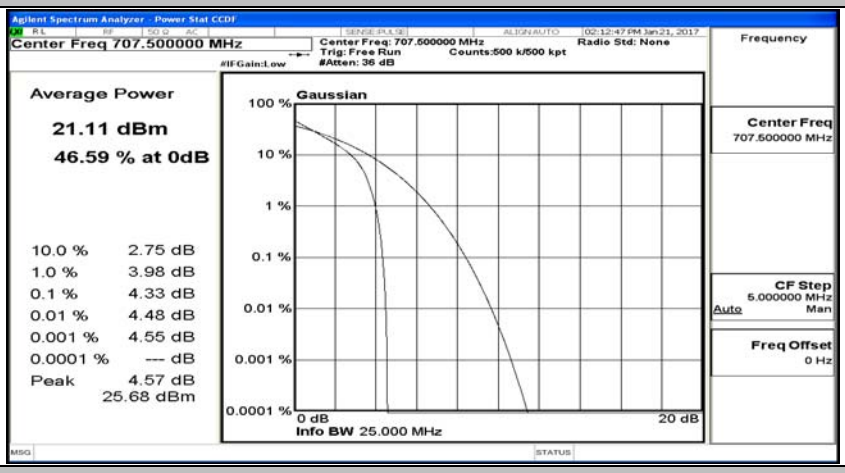


(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#4



(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#7



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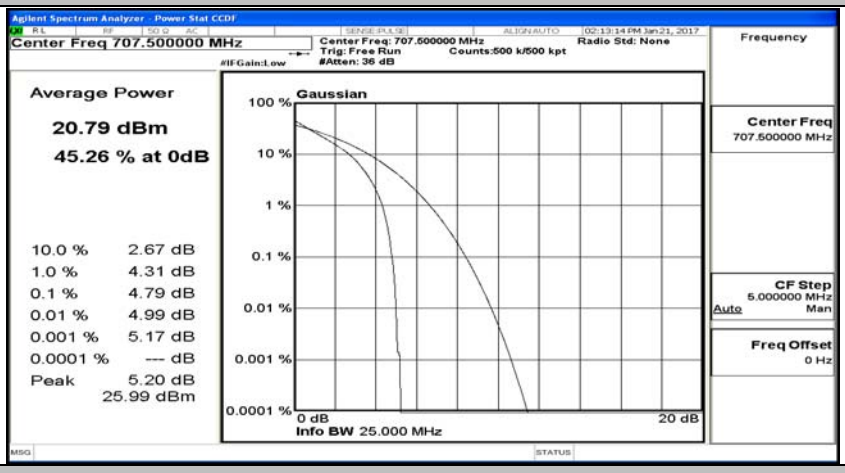

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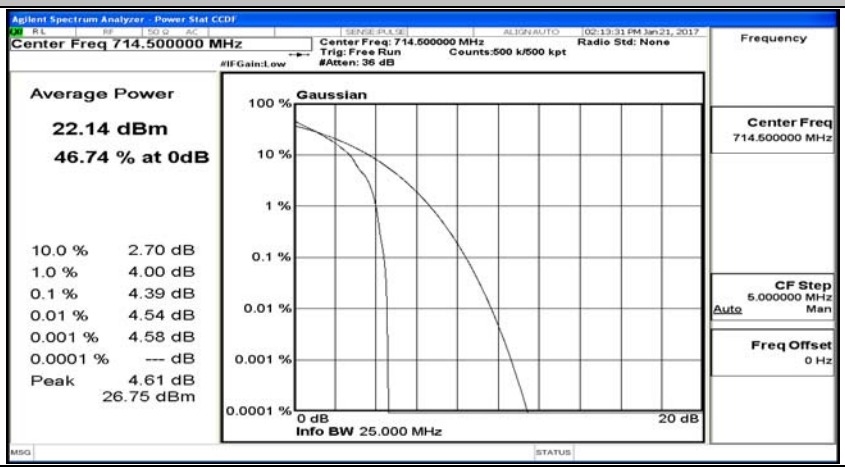

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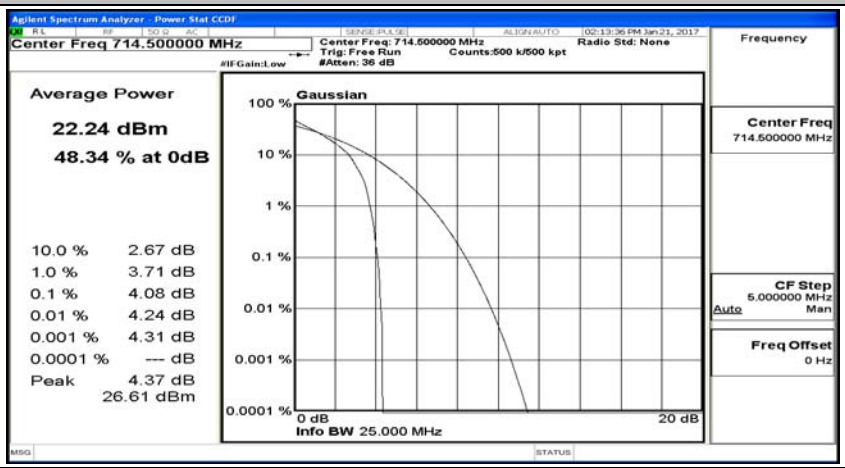

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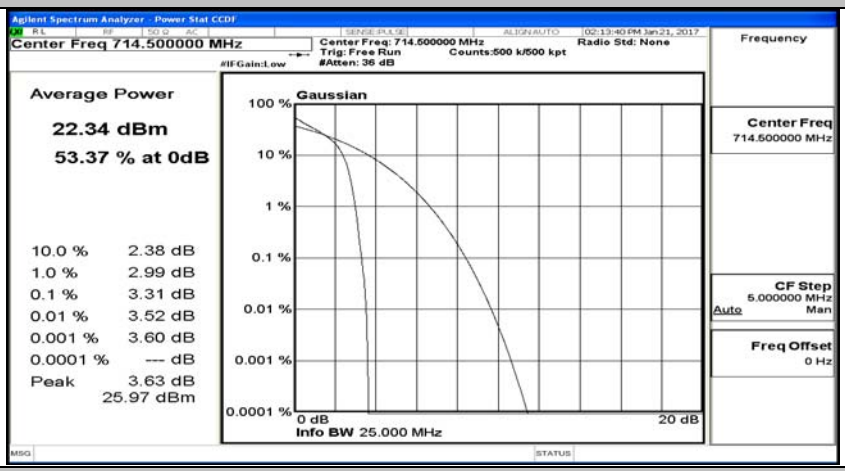

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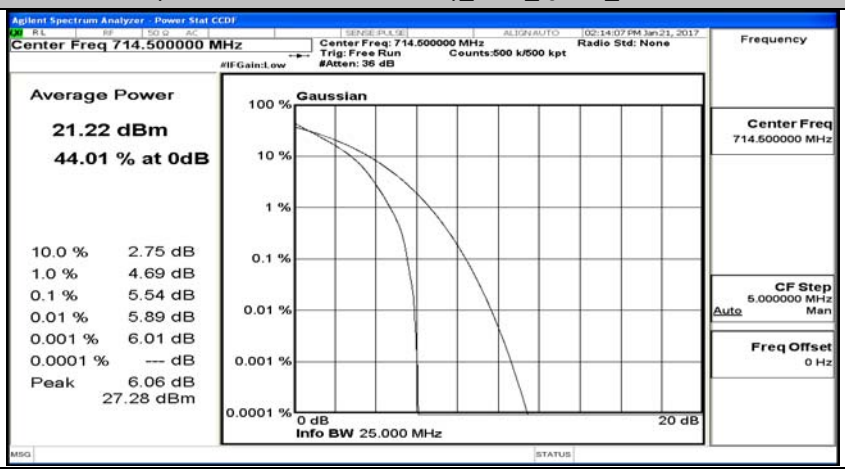
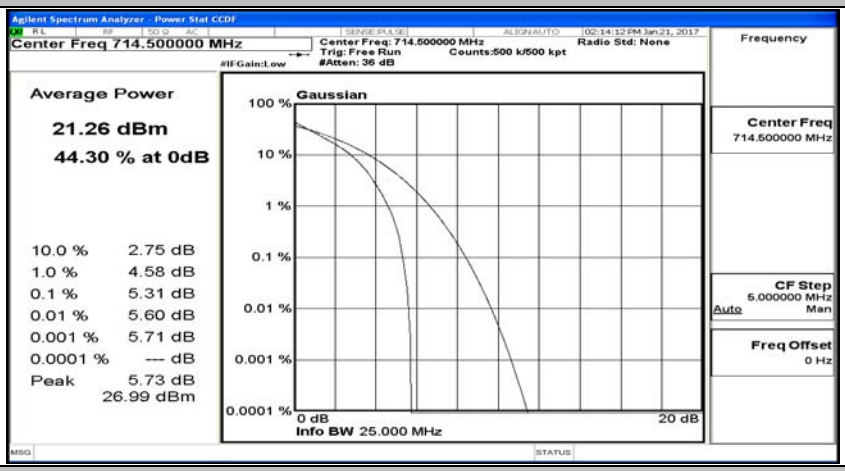
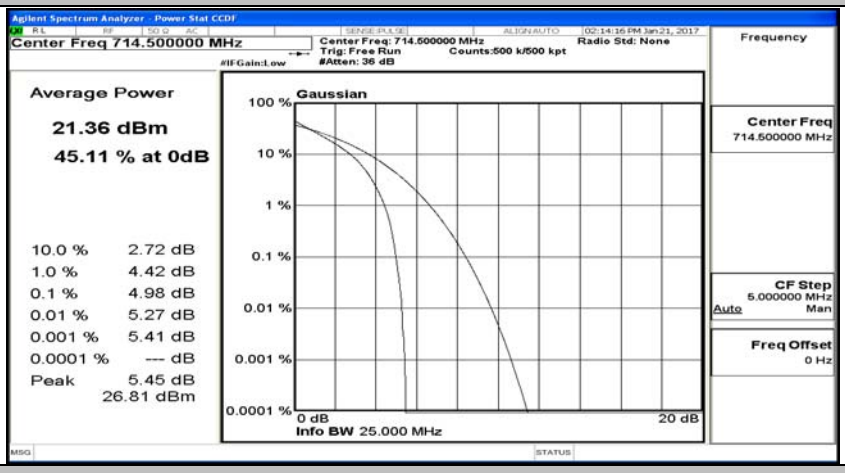


(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4



(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7



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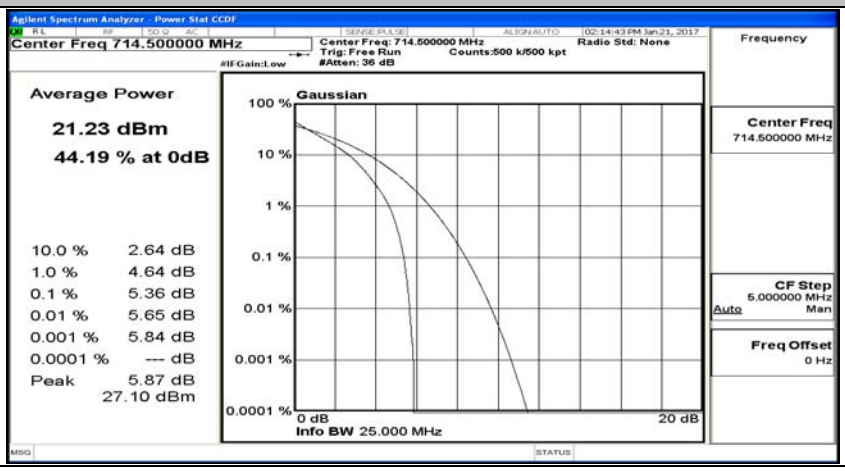

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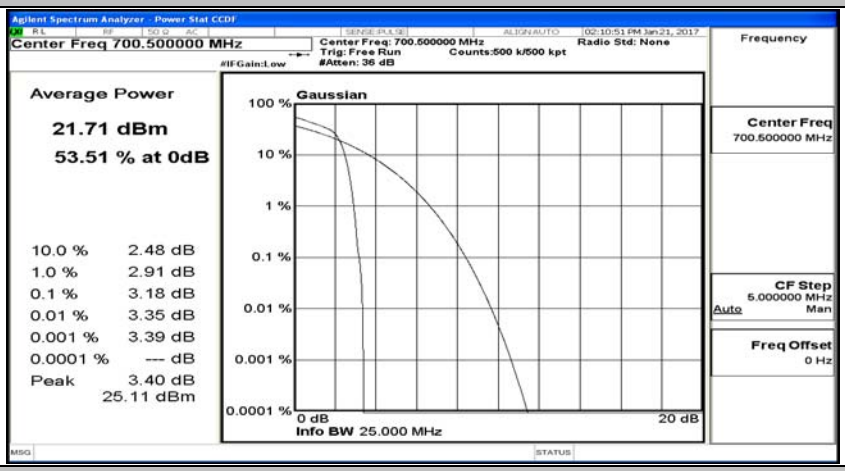
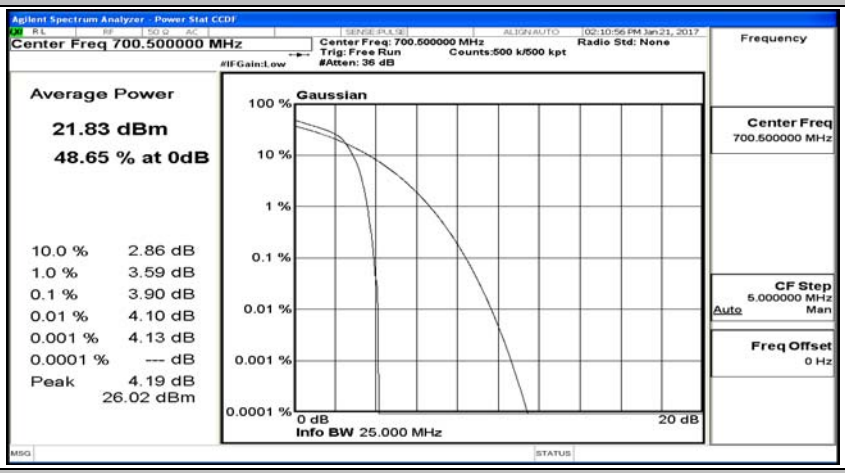
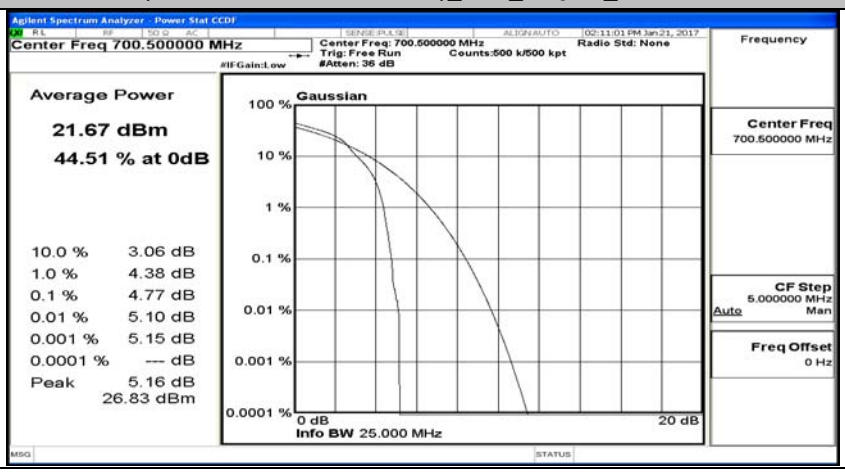


(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7



(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14



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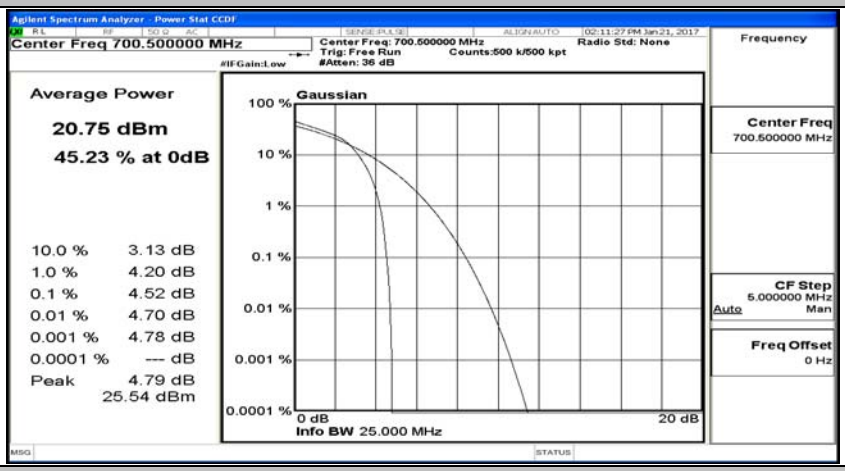
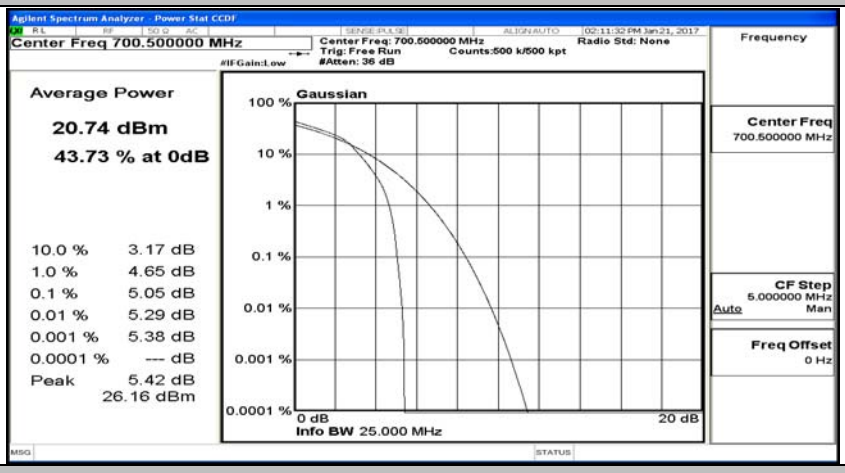
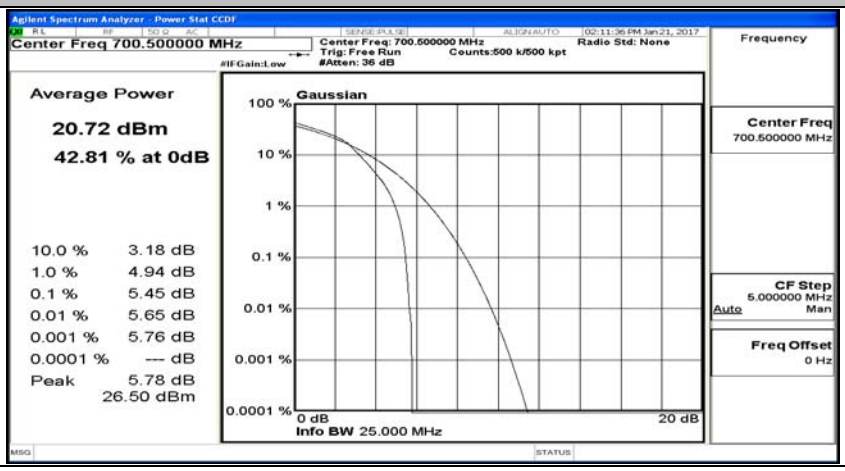


(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7



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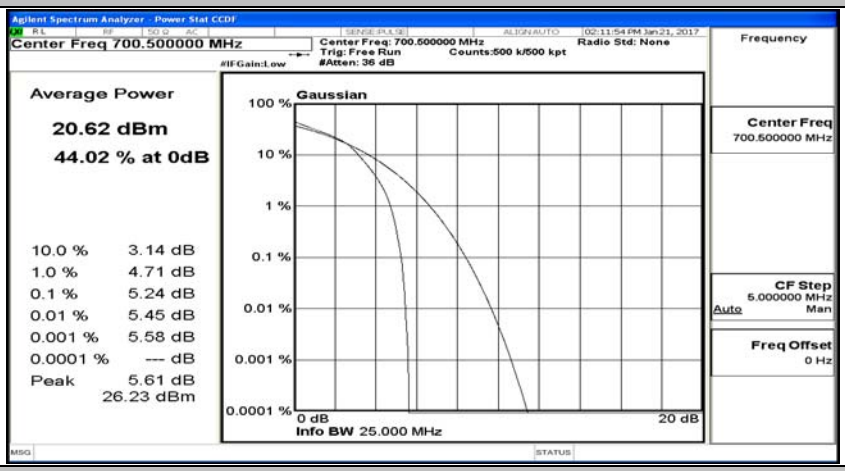

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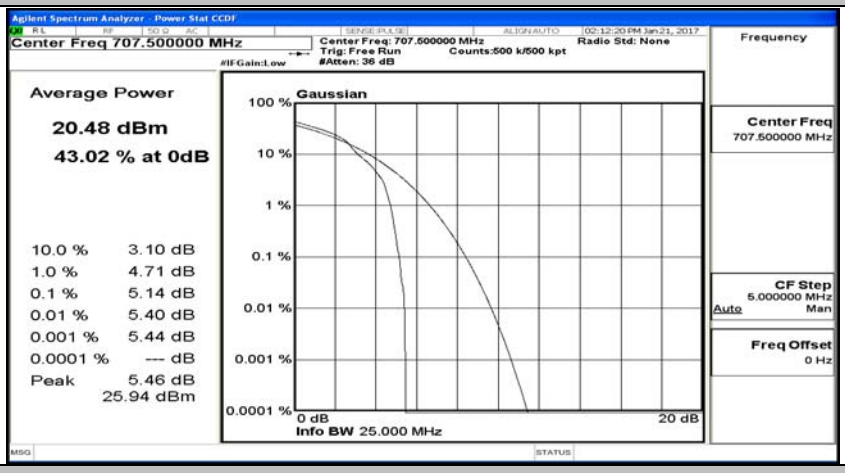
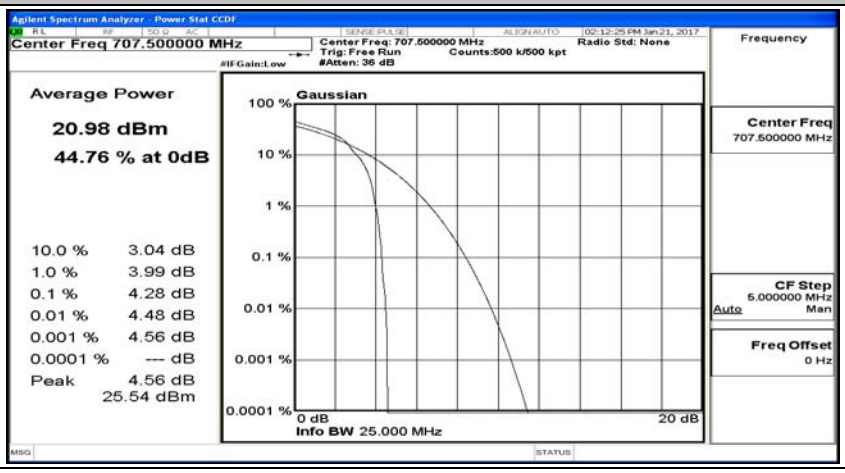
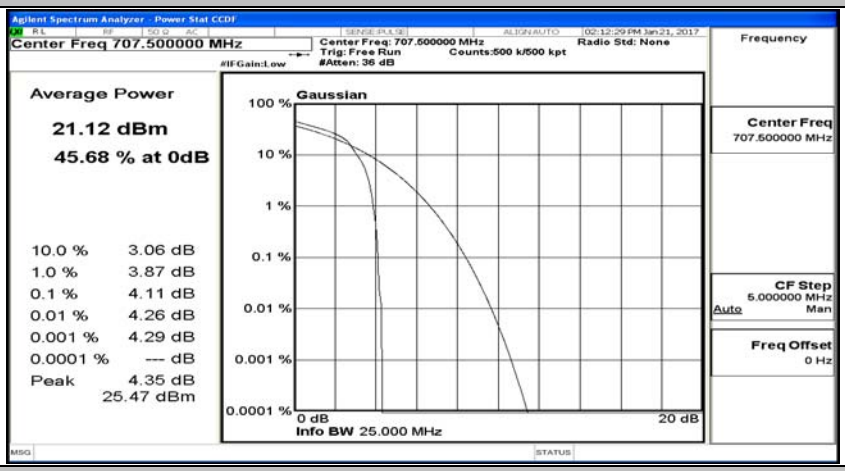


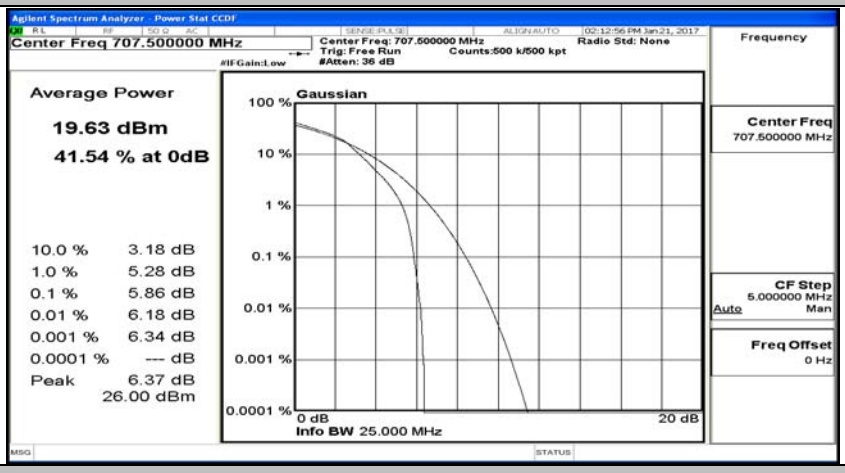
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7



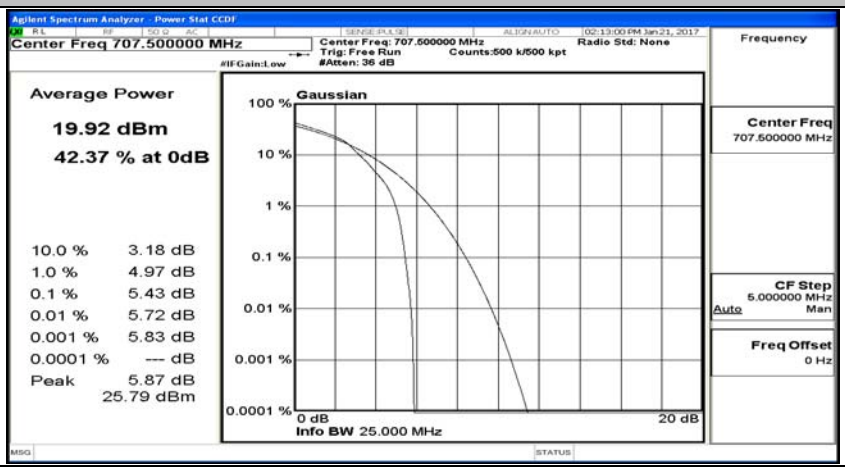
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



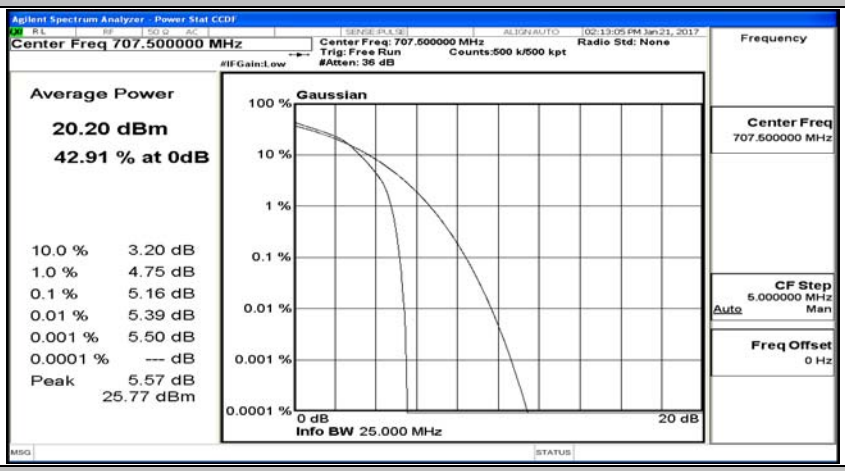
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#0



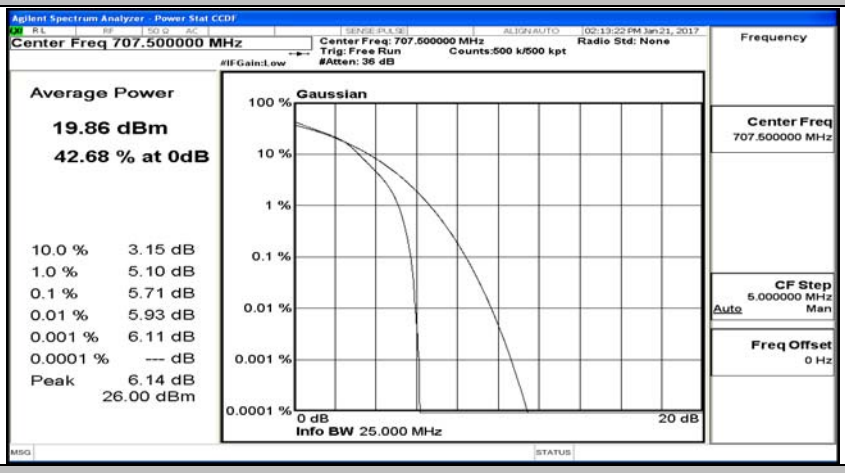
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#4



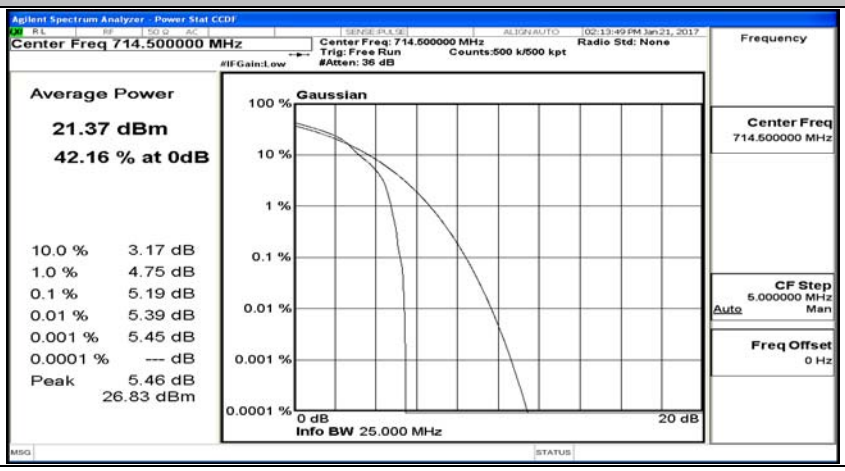
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#7



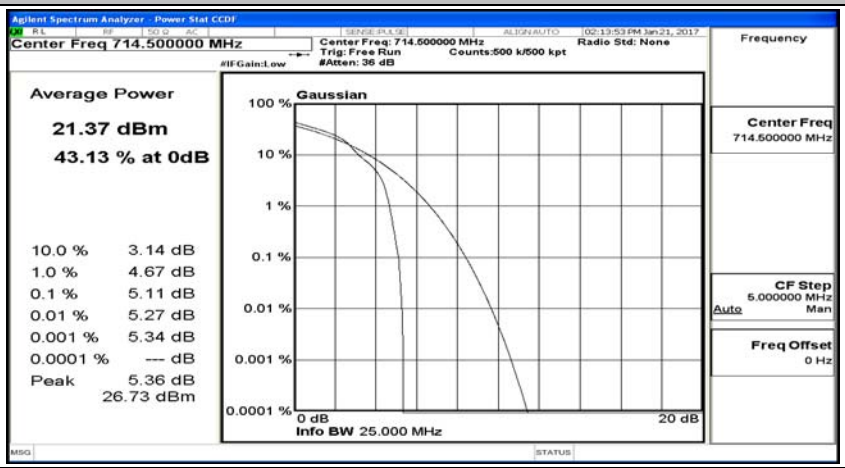
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



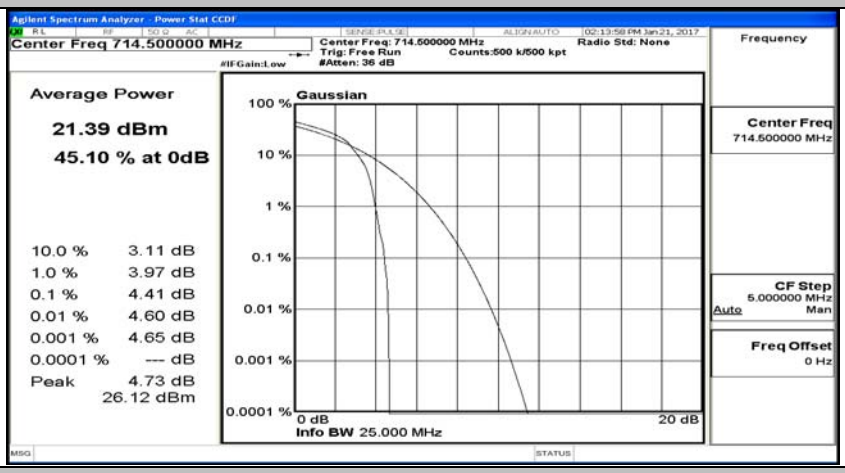
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



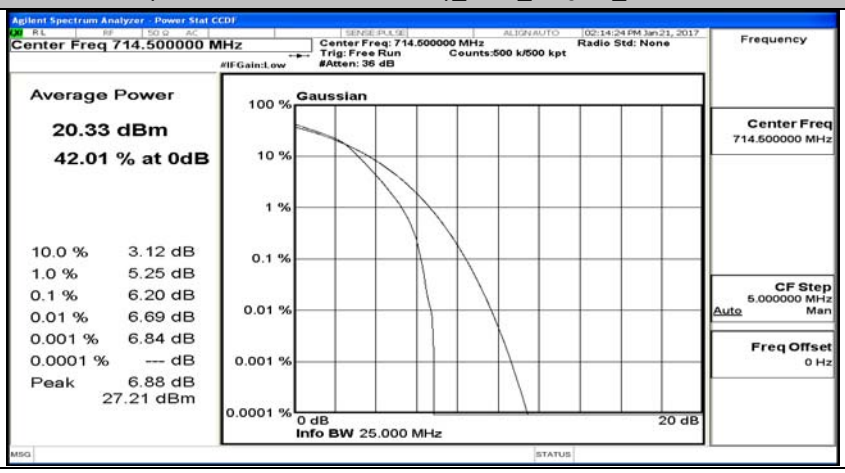
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



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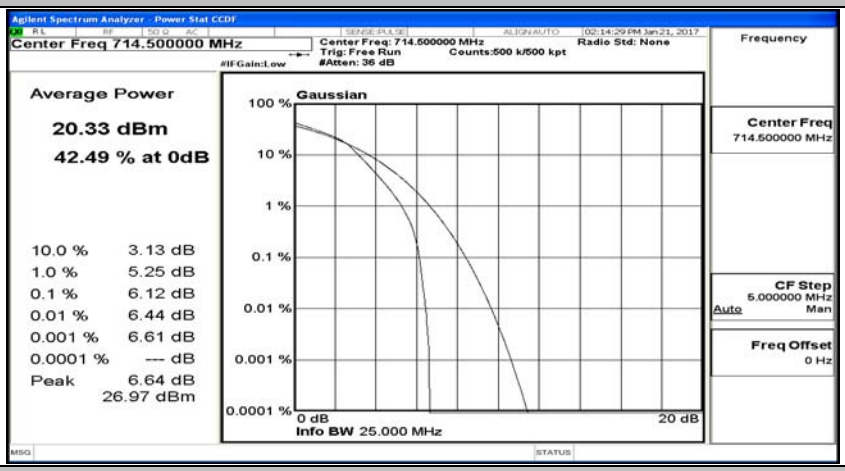

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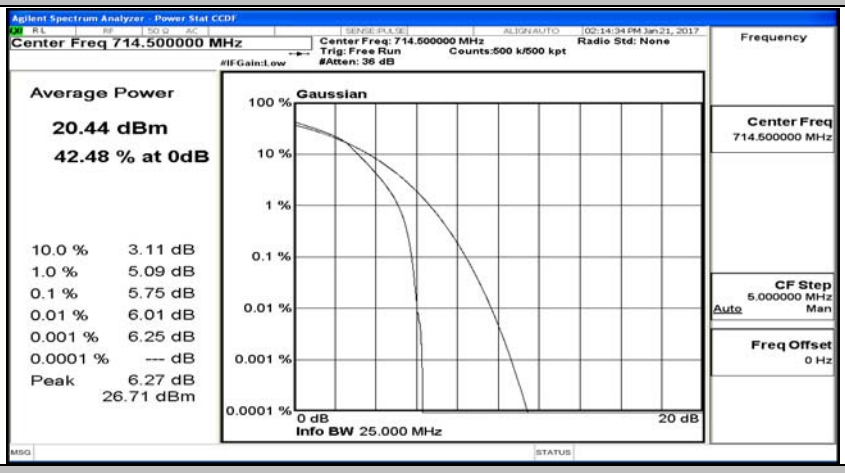

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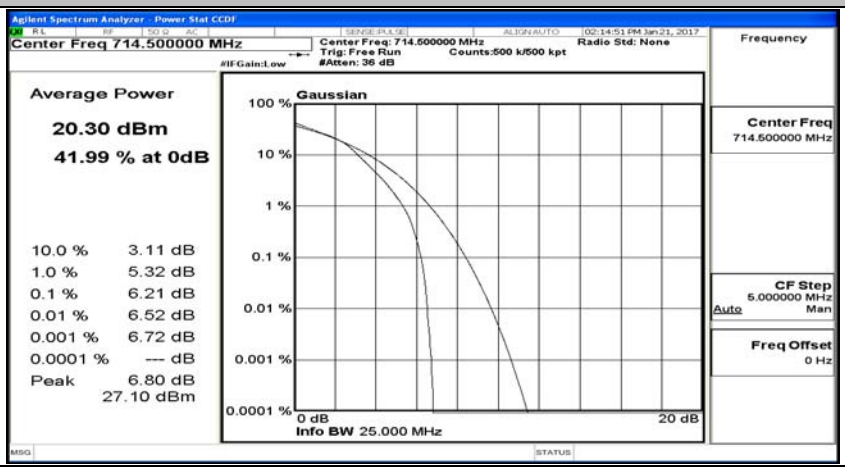
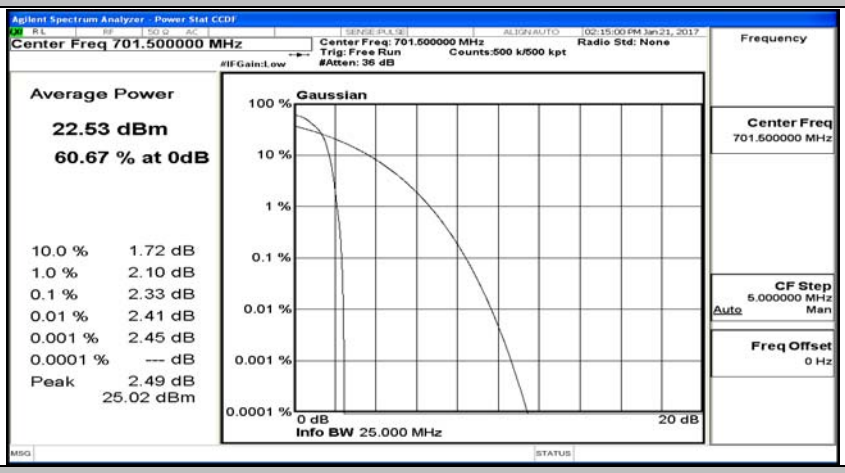
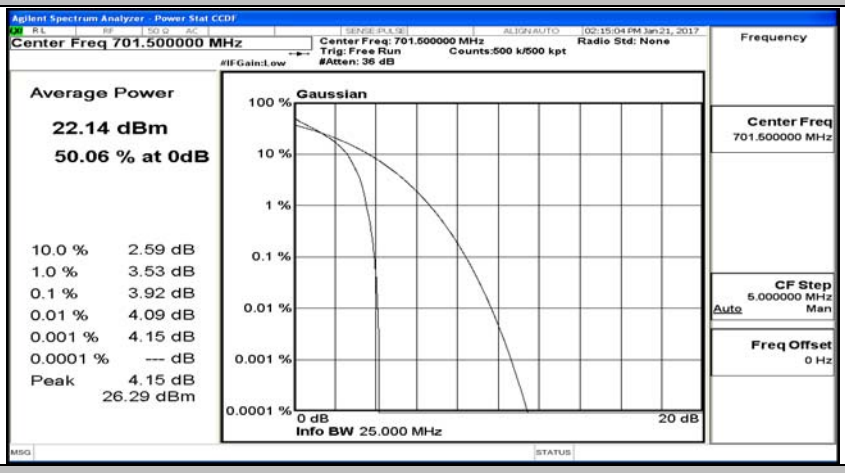


Channel Bandwidth: 5 MHz

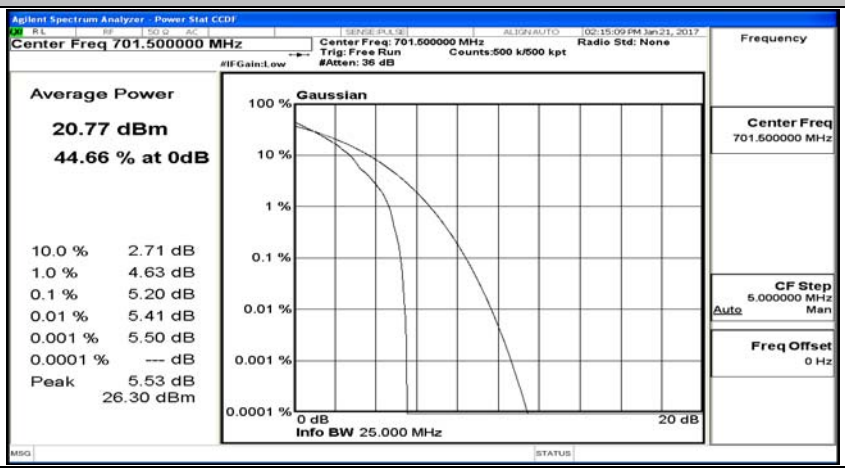
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



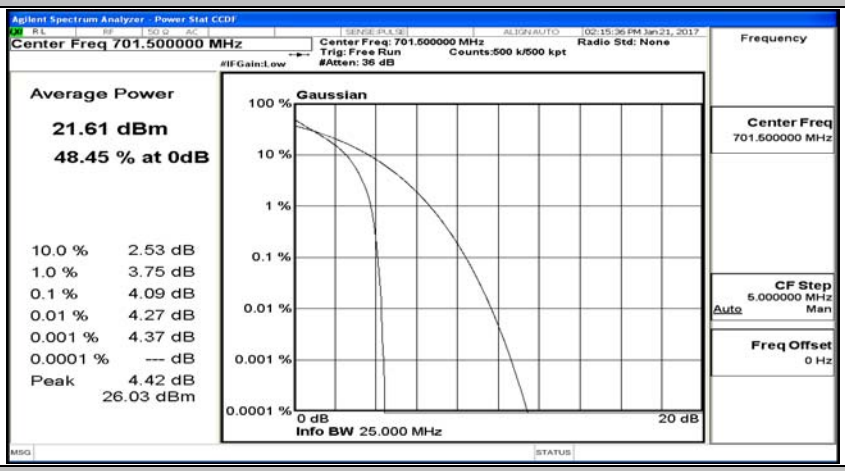
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



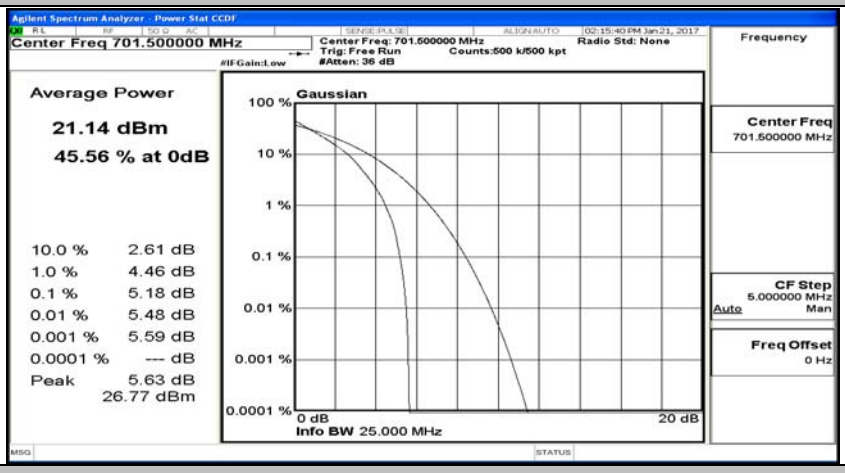
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



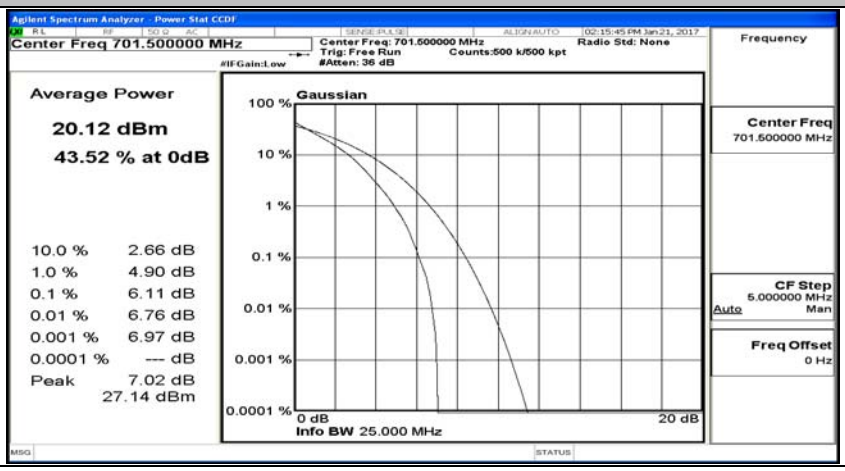
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



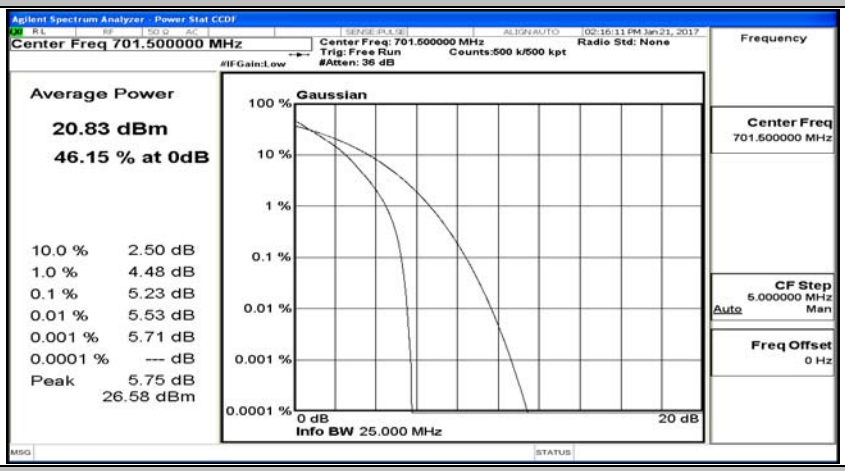
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



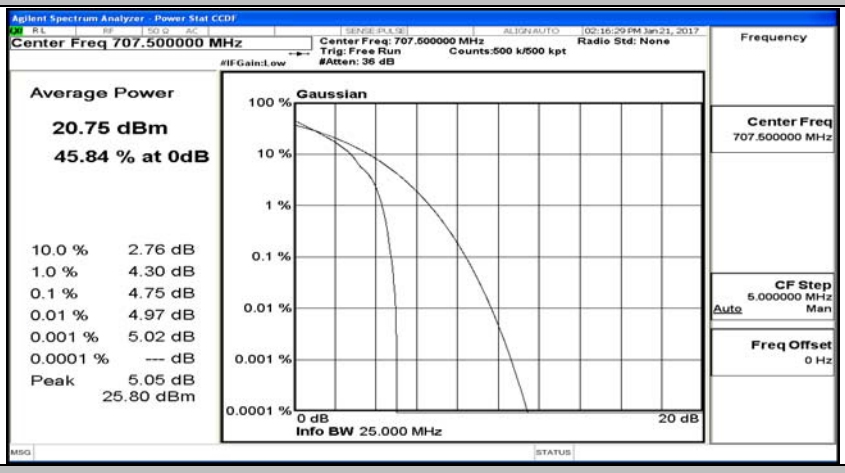
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



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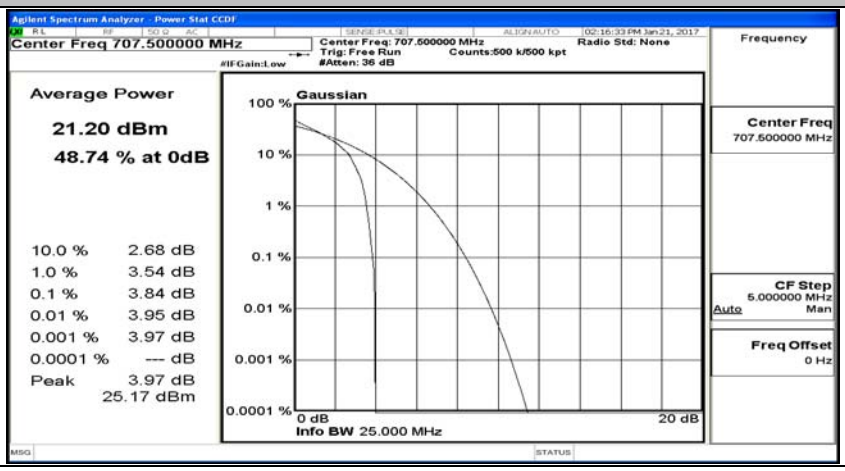
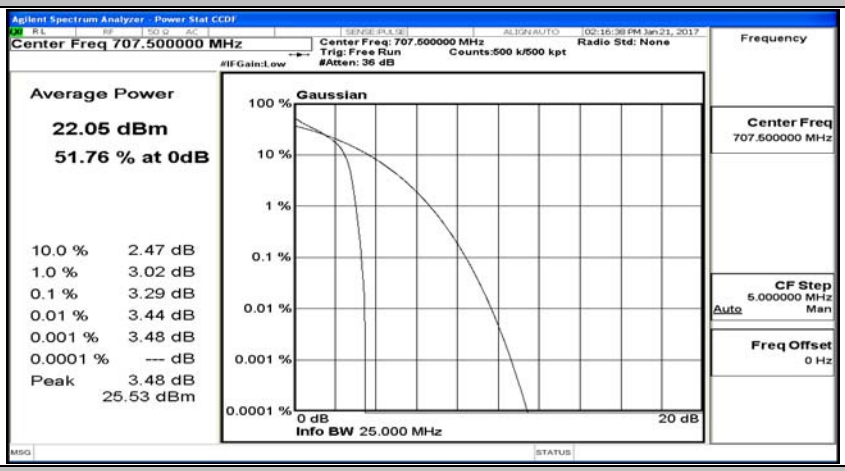
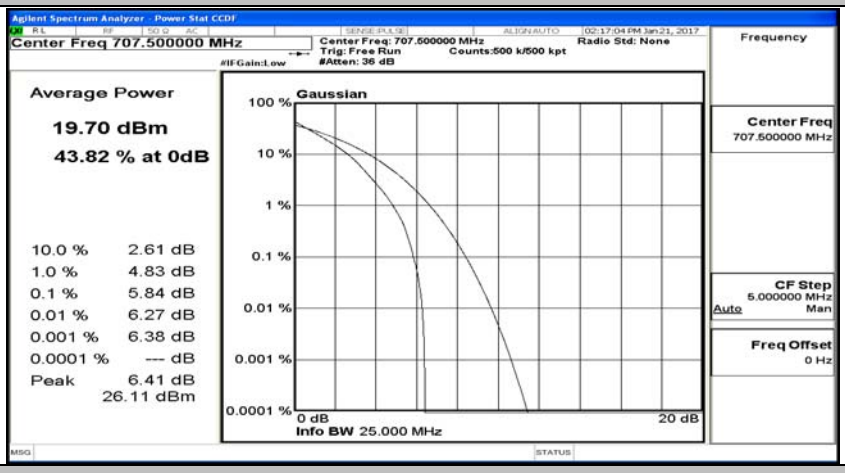


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



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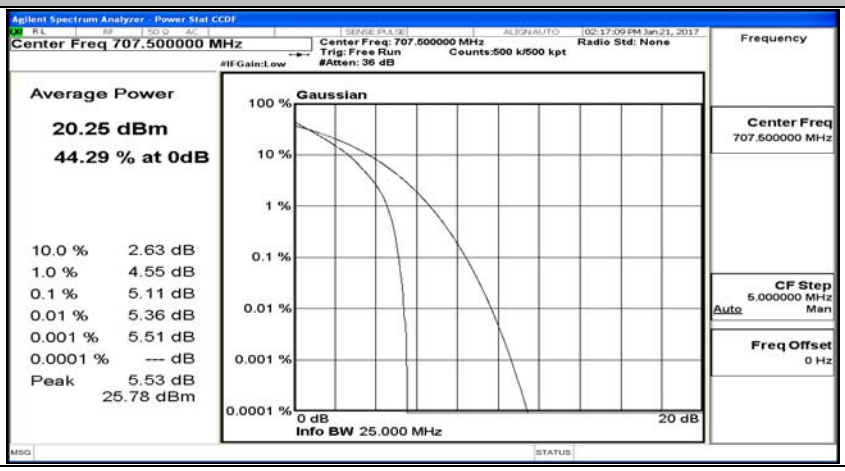
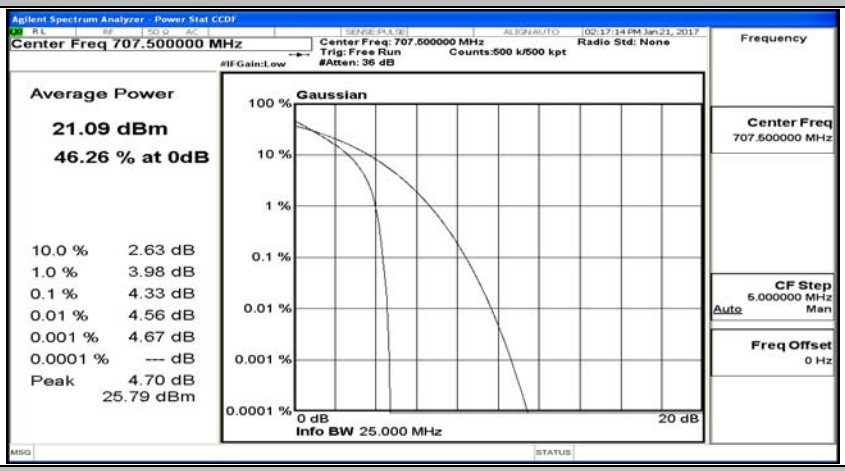


(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



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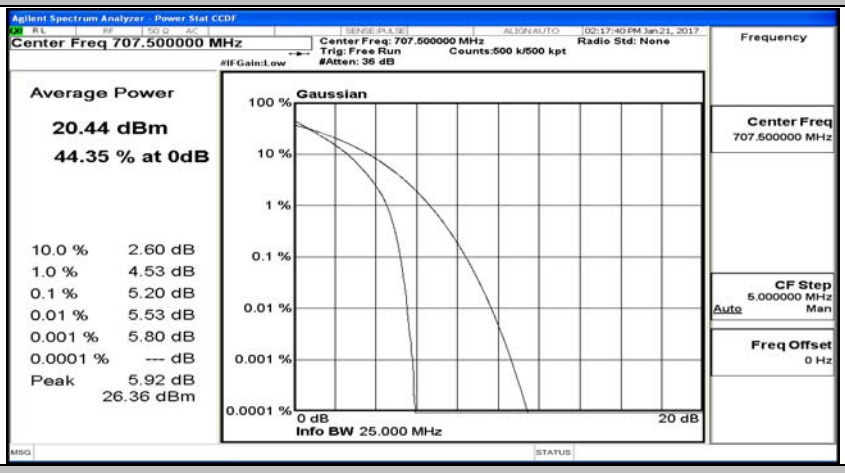
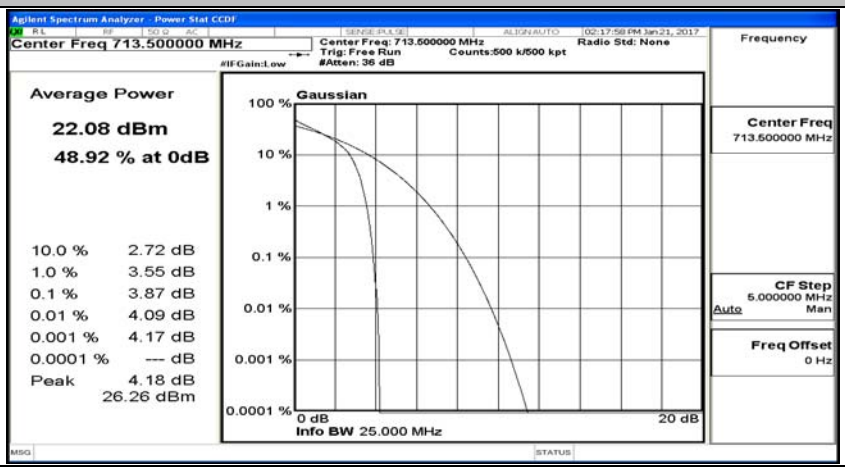
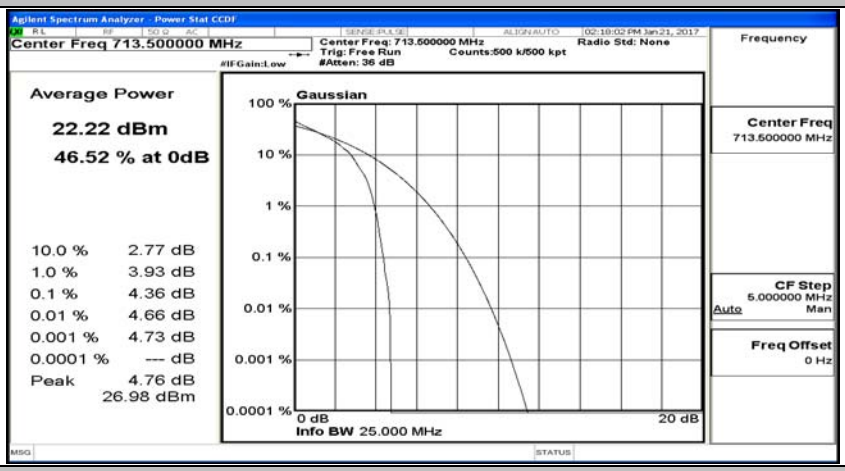


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



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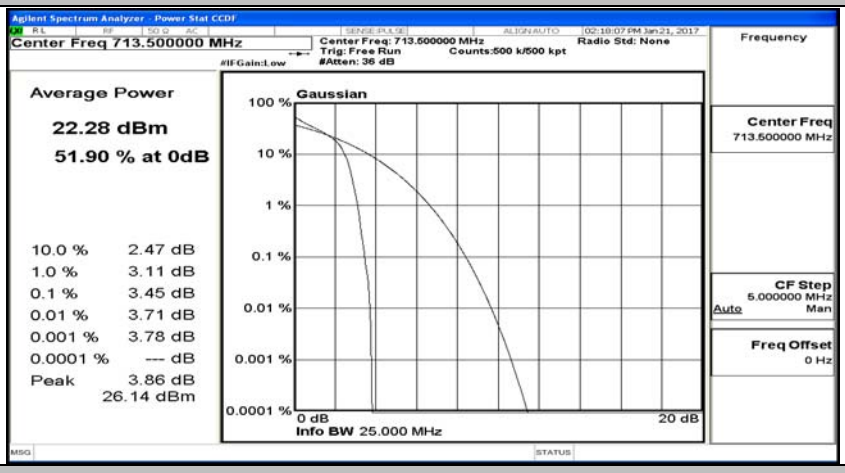

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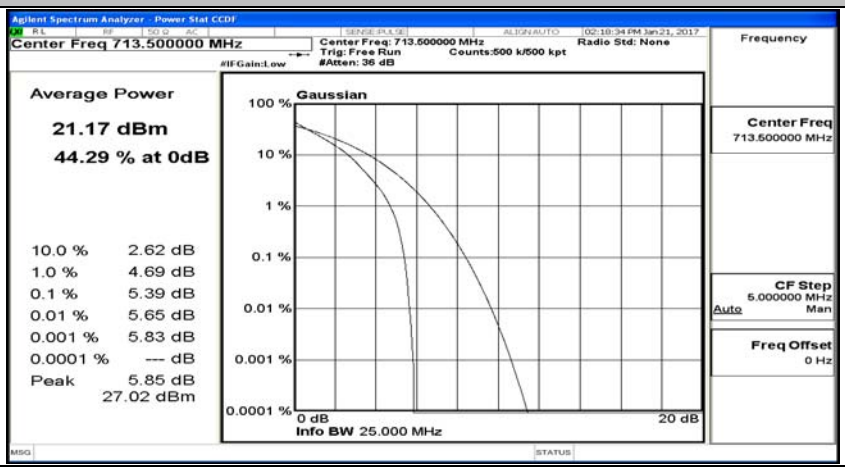

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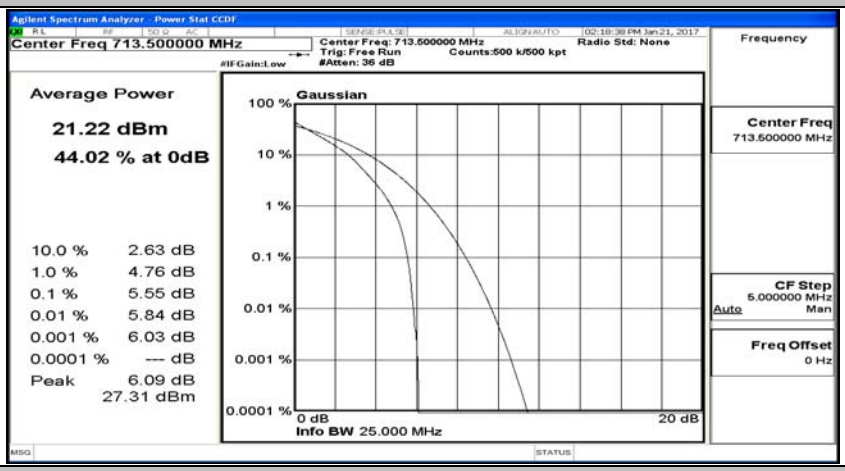

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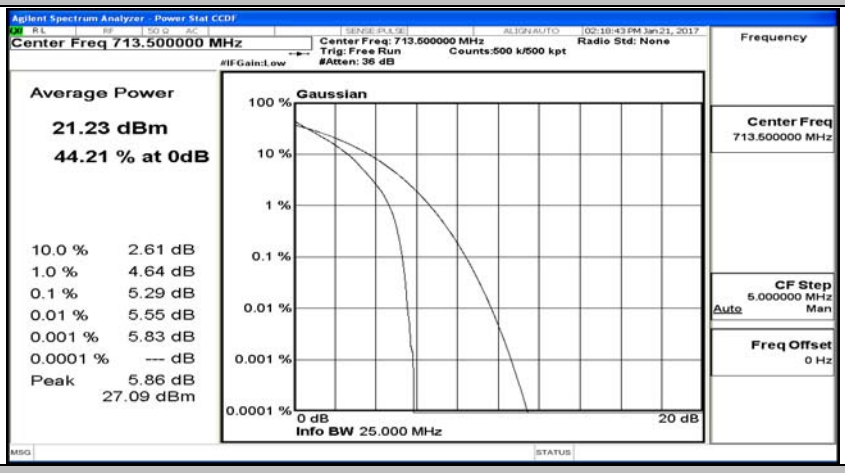

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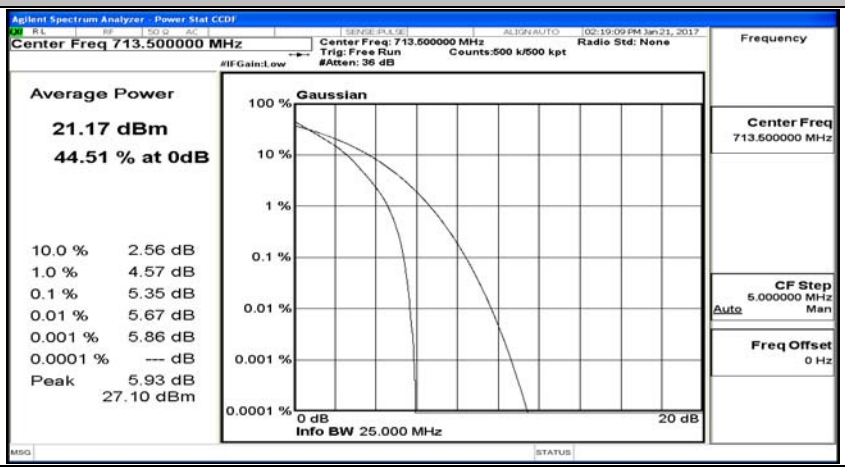

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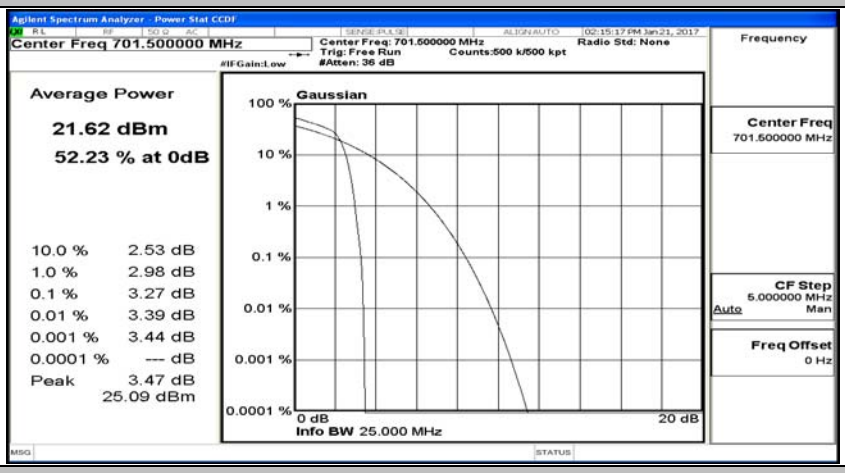

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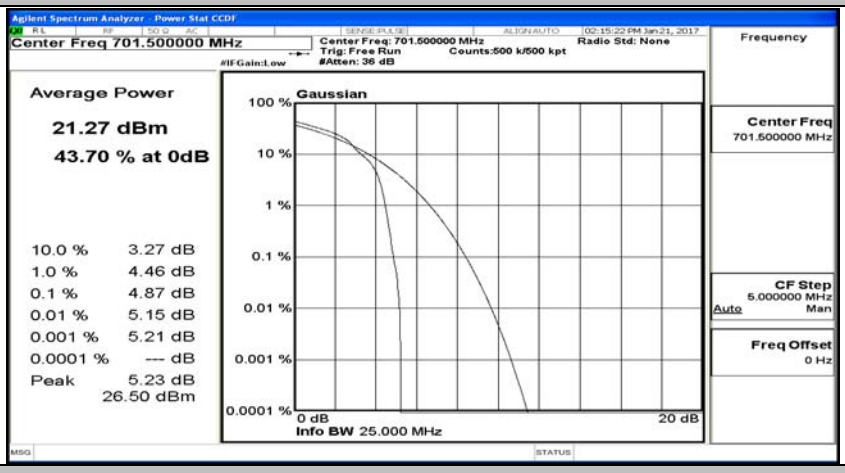

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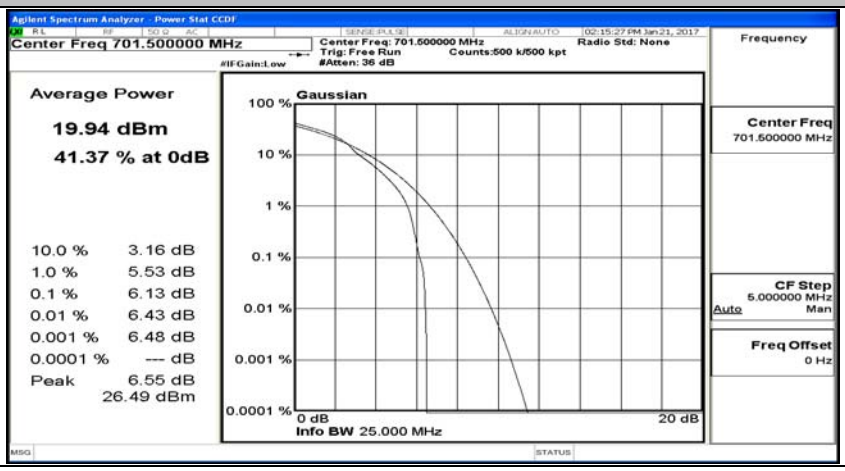

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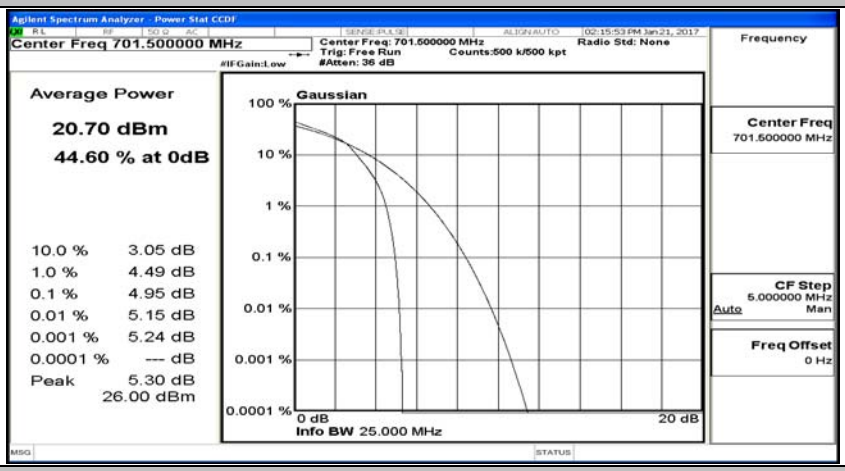

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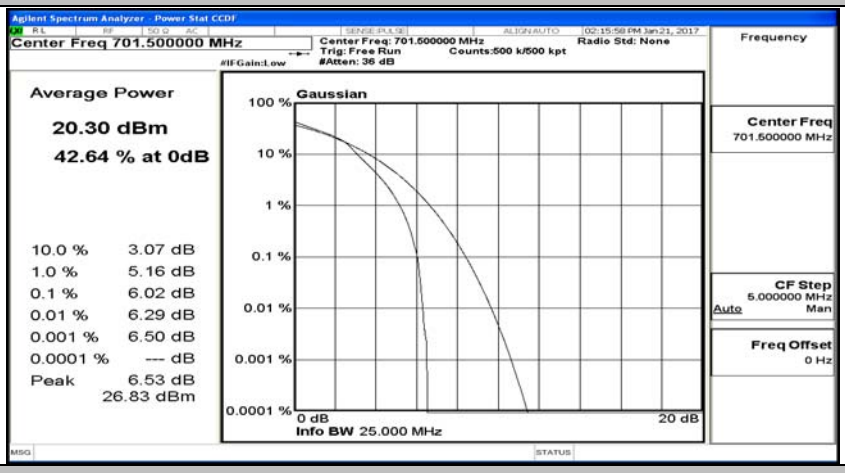

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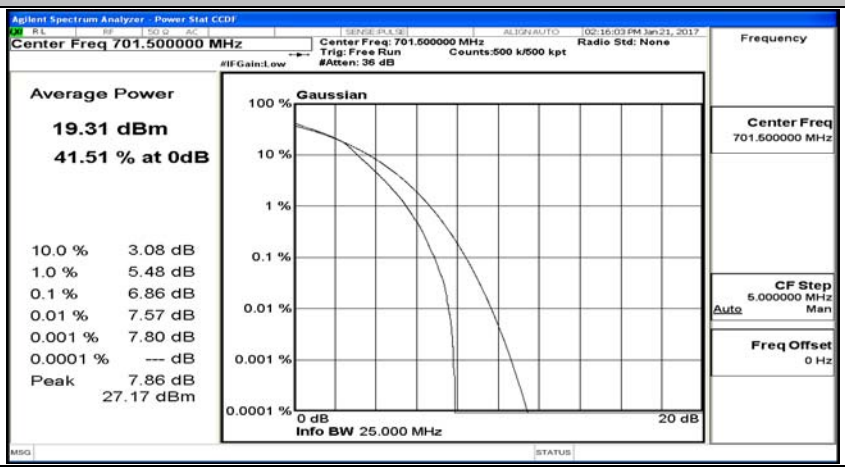

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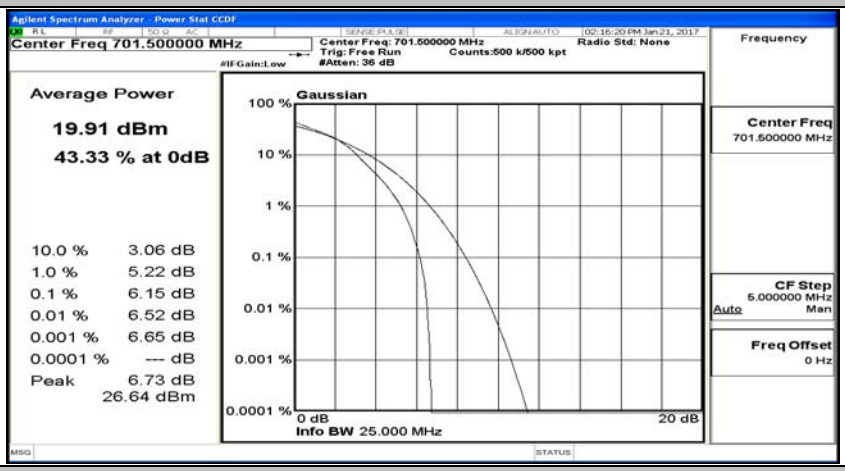

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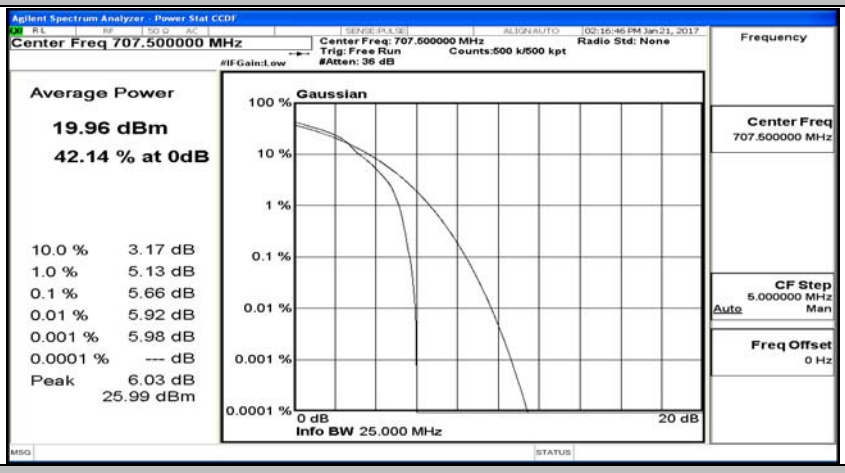

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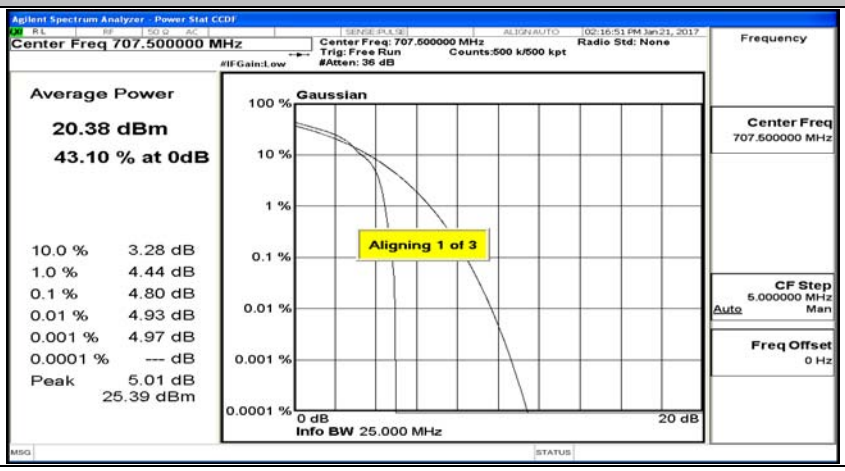

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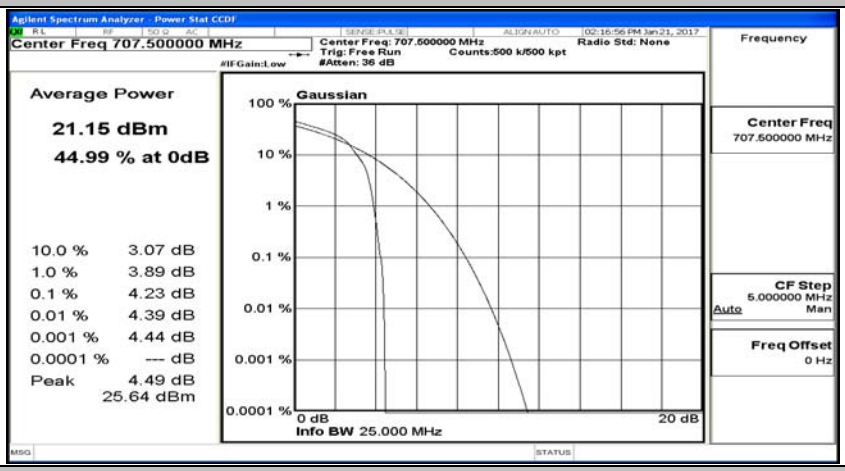

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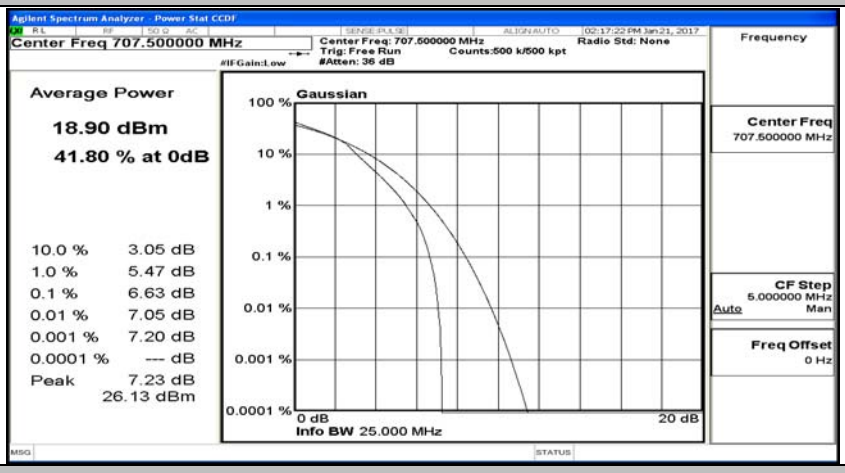

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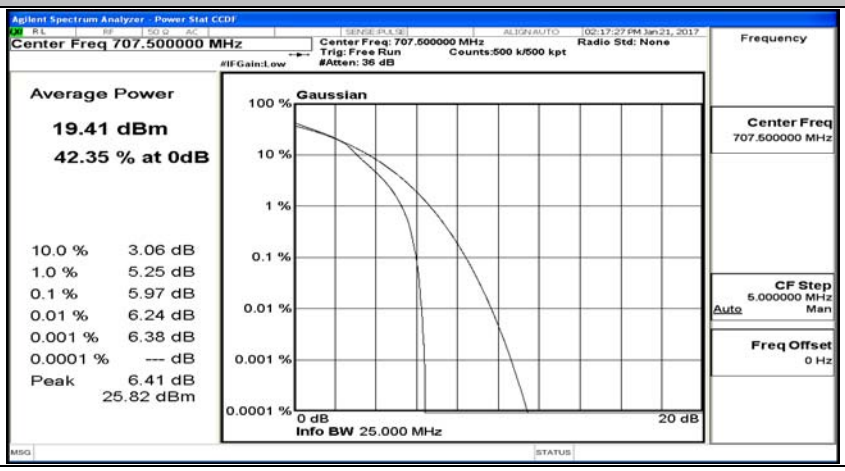
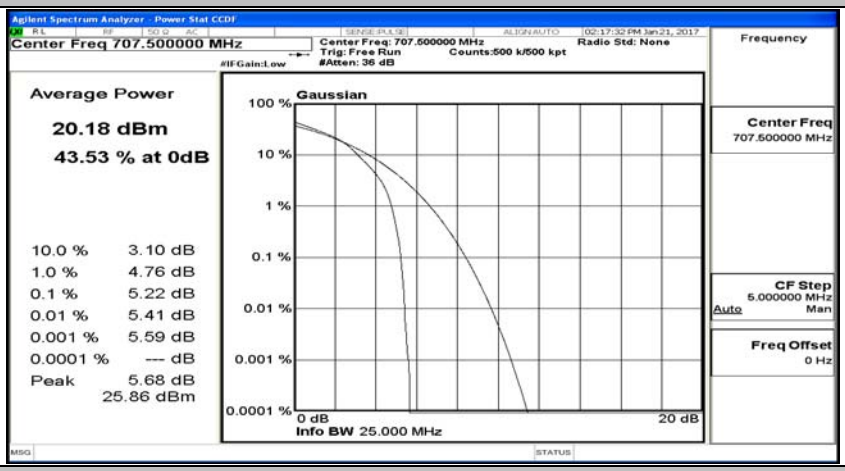


(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



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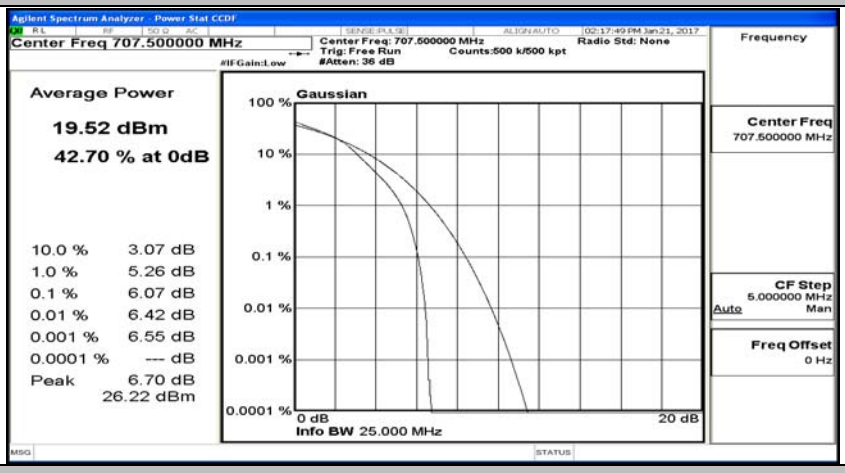
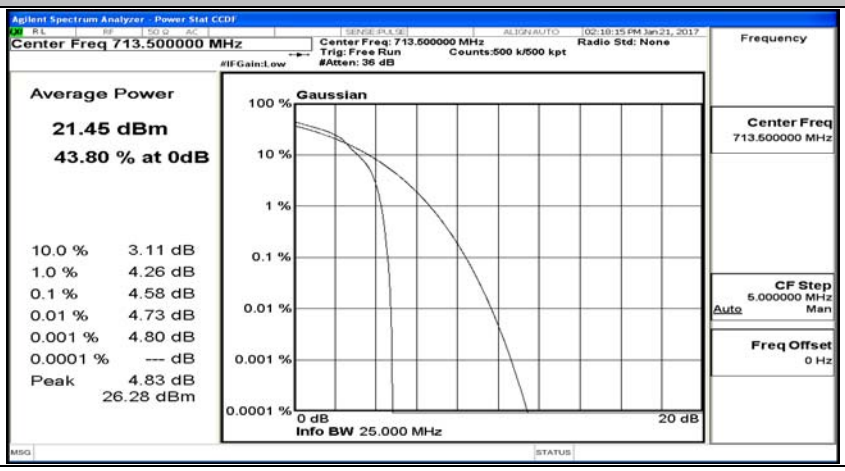
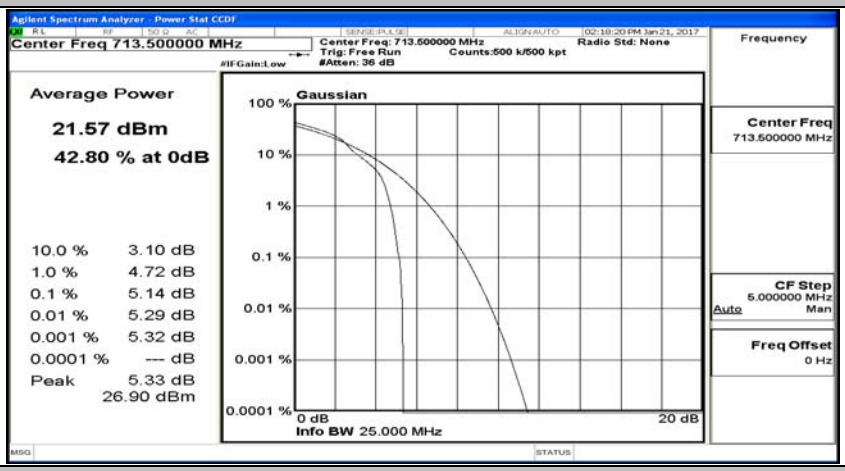


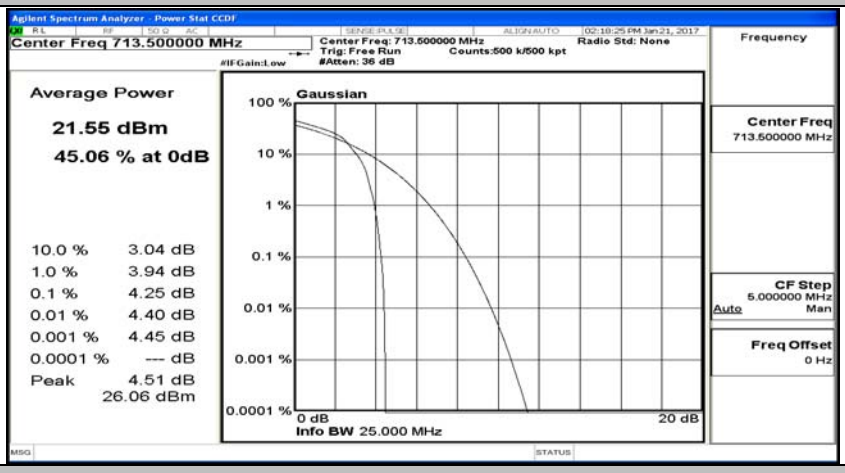
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



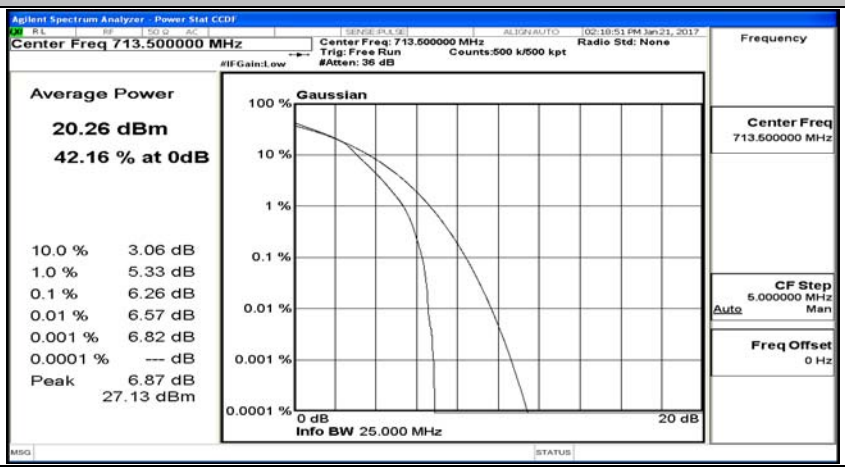
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



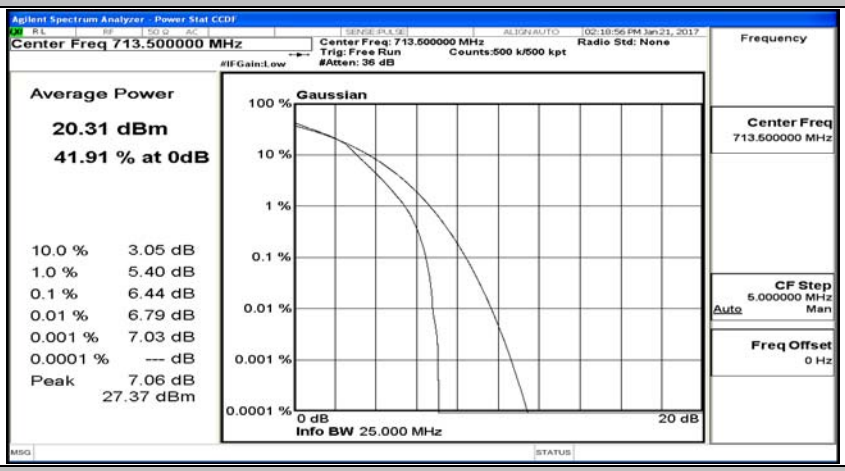
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



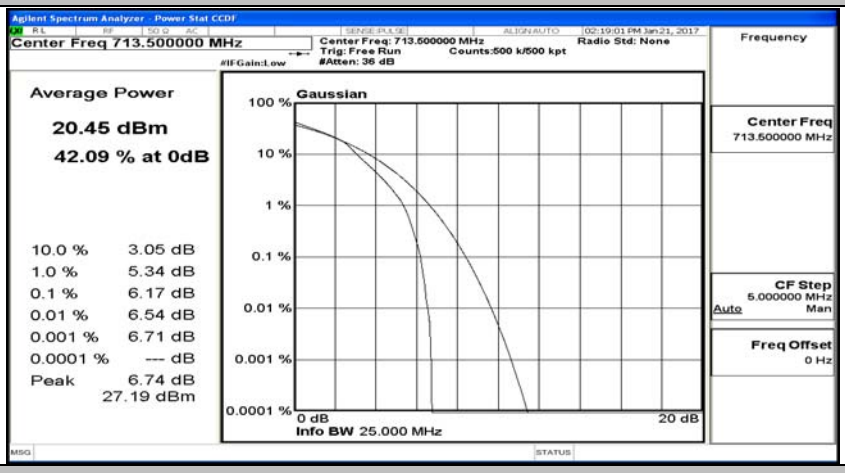
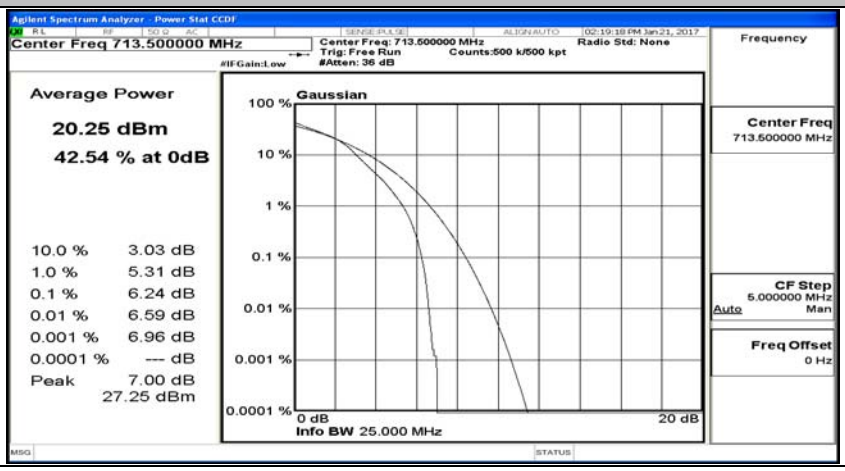
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0