Appendix D.2: Peak-to-Average Ratio

Test Result

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	1.8	<13	PASS
		1	12	2.39	<13	PASS
		1	24	4.36	<13	PASS
		12	0	3.07	<13	PASS
		12	6	3.66	<13	PASS
		12	13	4.81	<13	PASS
		25	0	4.61	<13	PASS
	MCH	1	0	3.65	<13	PASS
		1	12	5.43	<13	PASS
		1	24	3.74	<13	PASS
		12	0	5.81	<13	PASS
		12	6	5.99	<13	PASS
		12	13	5.18	<13	PASS
		25	0	5.53	<13	PASS
	HCH	1	0	4.9	<13	PASS
		1	12	2.39	<13	PASS
		1	24	2.94	<13	PASS
		12	0	4.54	<13	PASS
		12	6	3.7	<13	PASS
		12	13	3.5	<13	PASS
		25	0	4.69	<13	PASS
16QAM	LCH	1	0	2.64	<13	PASS
		1	12	3.45	<13	PASS
		1	24	5.13	<13	PASS
		12	0	4	<13	PASS
		12	6	4.62	<13	PASS
		12	13	5.63	<13	PASS
		25	0	5.37	<13	PASS
	MCH	1	0	4.43	<13	PASS
		1	12	6	<13	PASS
		1	24	4.58	<13	PASS
		12	0	6.73	<13	PASS
		12	6	6.86	<13	PASS

		12	13	6.24	<13	PASS
		25	0	6.39	<13	PASS
	HCH	1	0	6.04	<13	PASS
		1	12	3.54	<13	PASS
		1	24	3.89	<13	PASS
		12	0	5.49	<13	PASS
		12	6	4.55	<13	PASS
		12	13	4.37	<13	PASS
		25	0	5.49	<13	PASS

Channel Bandwidth: 10 MHz

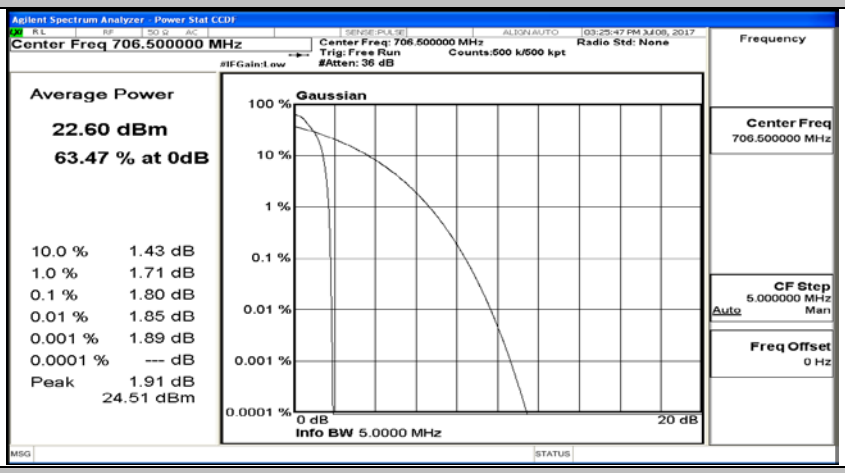
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict
		Size	Offset	[dB]	[dB]	
QPSK	LCH	1	0	1.75	<13	PASS
		1	24	4.6	<13	PASS
		1	49	2.41	<13	PASS
		25	0	4.52	<13	PASS
		25	12	5.71	<13	PASS
		25	25	4.73	<13	PASS
		50	0	5.12	<13	PASS
	MCH	1	0	1.97	<13	PASS
		1	24	5.39	<13	PASS
		1	49	2.05	<13	PASS
		25	0	5.29	<13	PASS
		25	12	5.53	<13	PASS
		25	25	4.6	<13	PASS
		50	0	4.87	<13	PASS
	HCH	1	0	2.4	<13	PASS
		1	24	4.99	<13	PASS
		1	49	2.51	<13	PASS
		25	0	5.81	<13	PASS
		25	12	5	<13	PASS
		25	25	4.71	<13	PASS
		50	0	4.76	<13	PASS
16QAM	LCH	1	0	2.59	<13	PASS
		1	24	5.35	<13	PASS
		1	49	3.42	<13	PASS
		25	0	5.34	<13	PASS
		25	12	6.52	<13	PASS
		25	25	5.73	<13	PASS

		50	0	6.01	<13	PASS
	MCH	1	0	2.83	<13	PASS
		1	24	6.21	<13	PASS
		1	49	3.06	<13	PASS
		25	0	6.12	<13	PASS
		25	12	6.39	<13	PASS
		25	25	5.53	<13	PASS
		50	0	5.8	<13	PASS
	HCH	1	0	3.49	<13	PASS
		1	24	6	<13	PASS
		1	49	3.49	<13	PASS
		25	0	6.63	<13	PASS
		25	12	5.94	<13	PASS
		25	25	5.61	<13	PASS
		50	0	5.71	<13	PASS

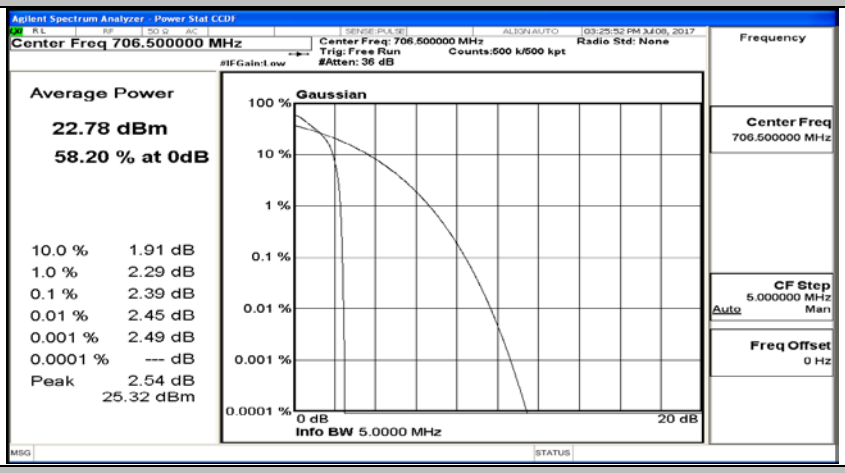
Test Graphs

Channel Bandwidth: 5 MHz

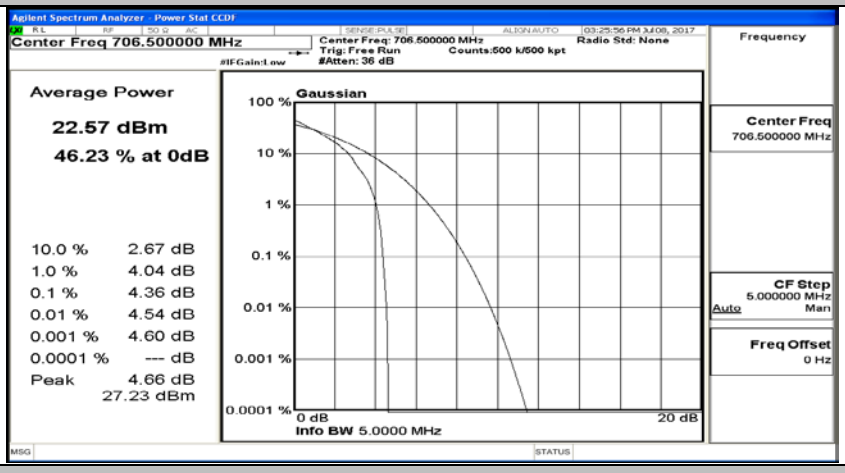
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



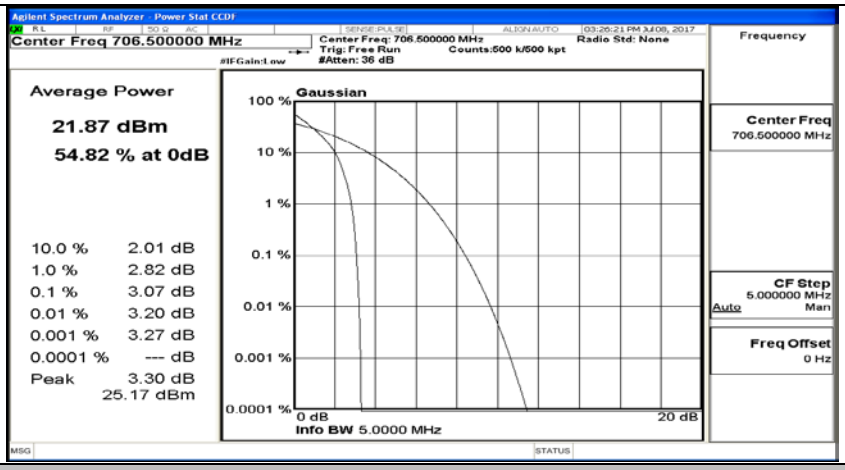
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



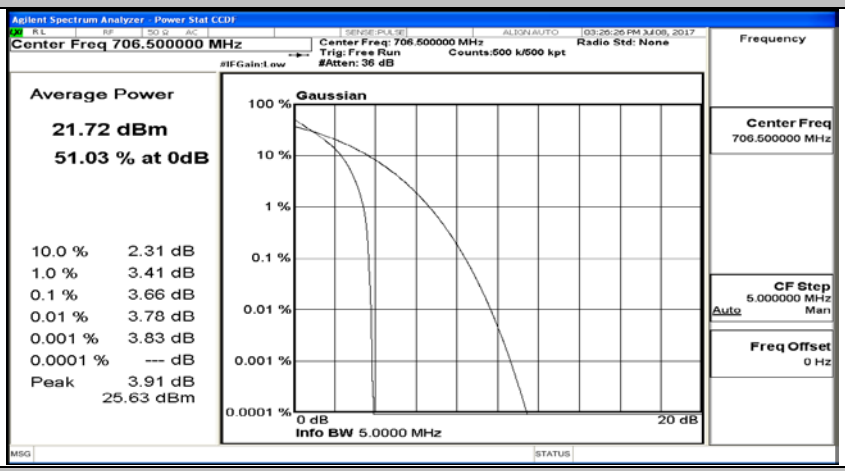
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



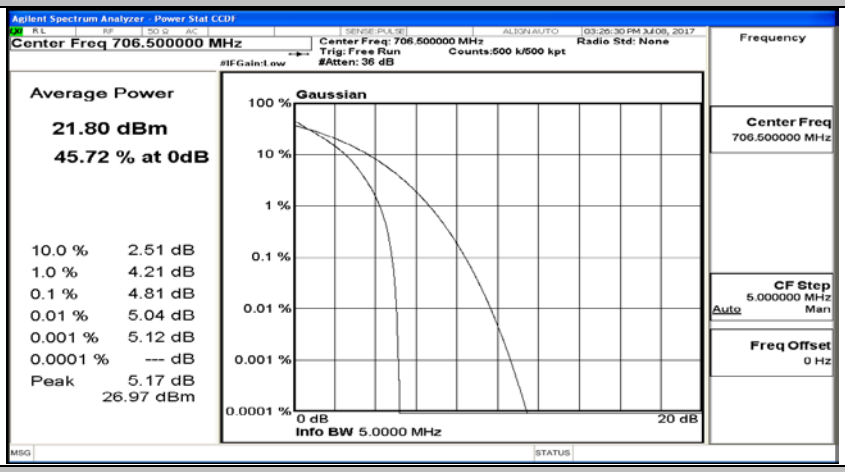
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



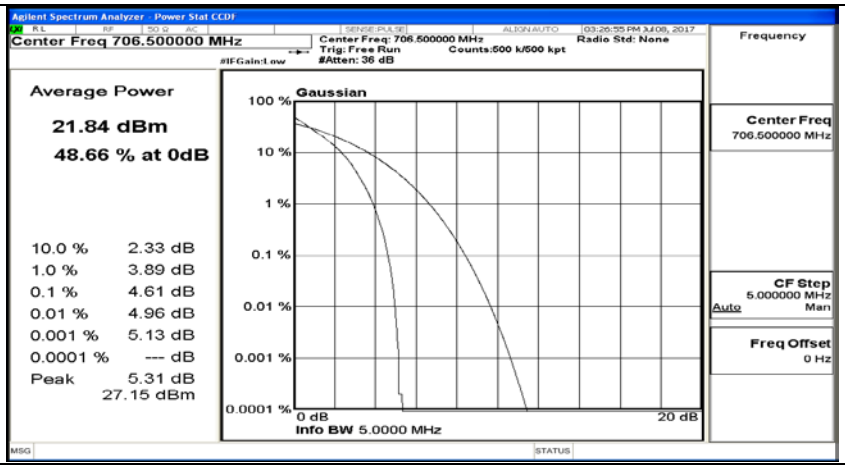
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



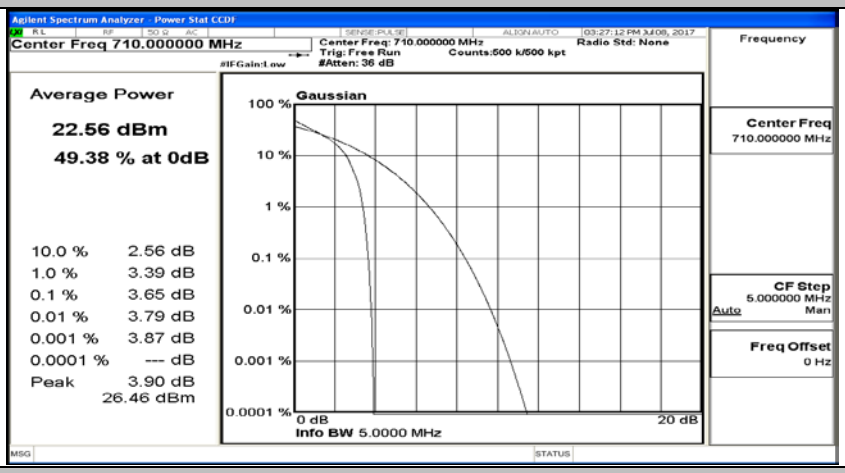
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



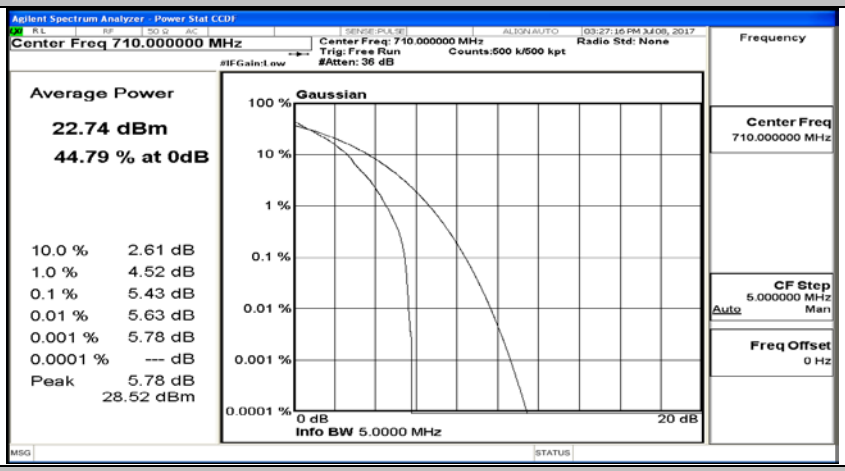
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



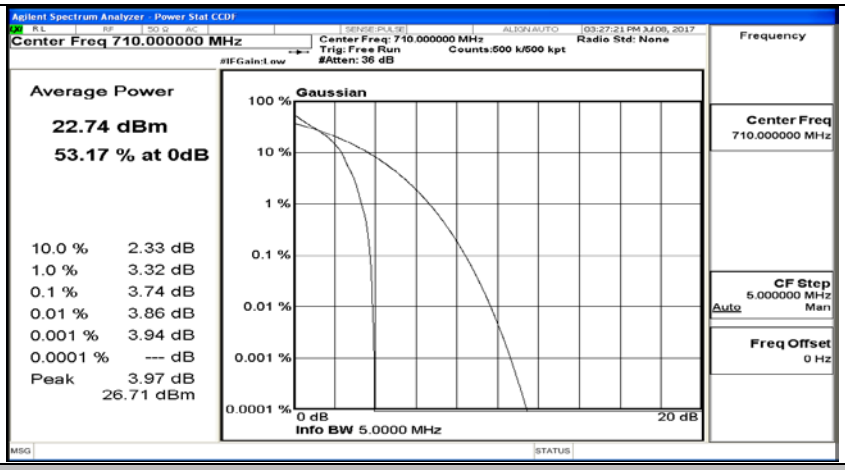
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



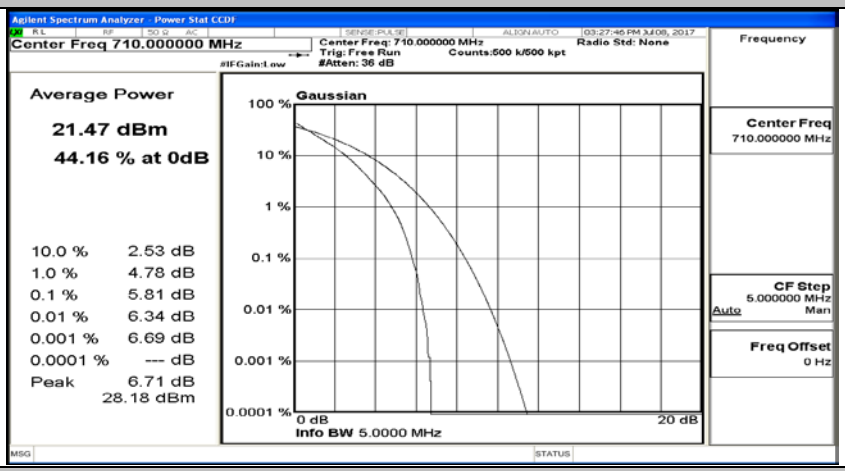
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



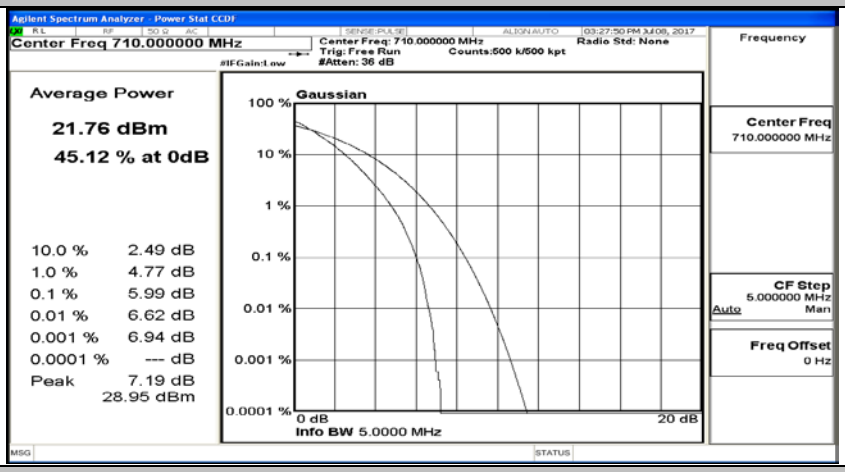
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



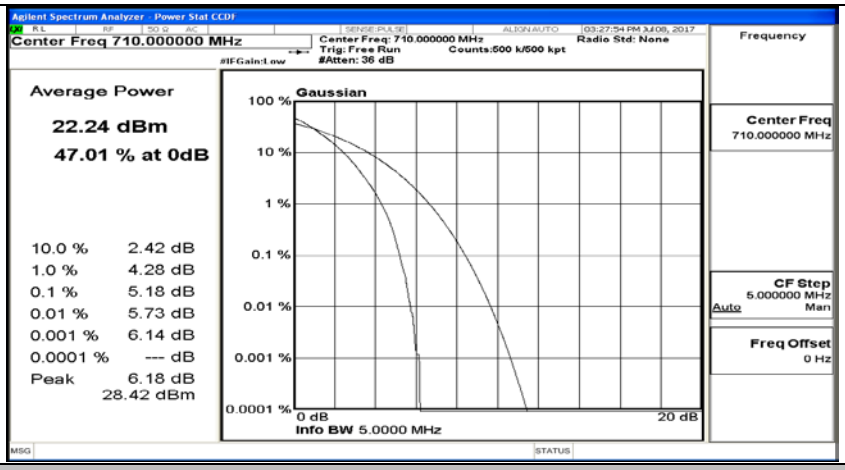
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



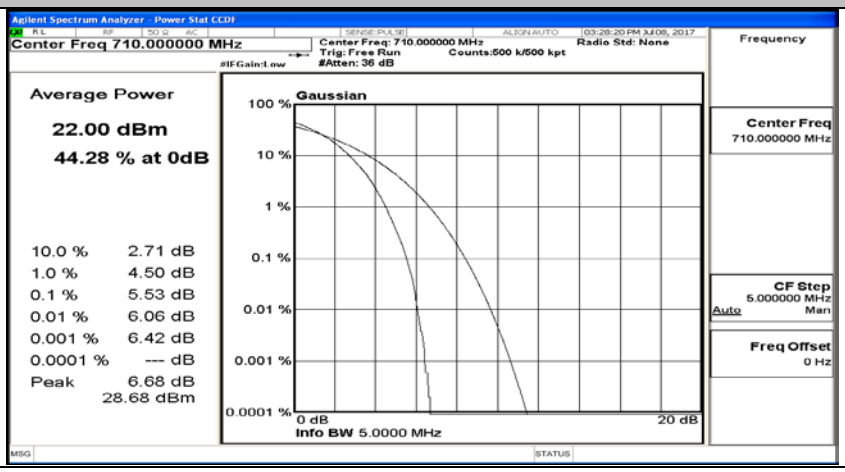
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



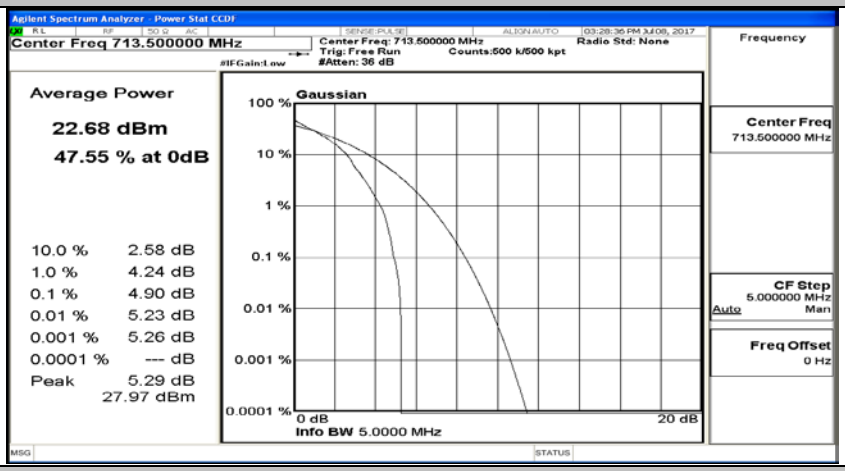
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



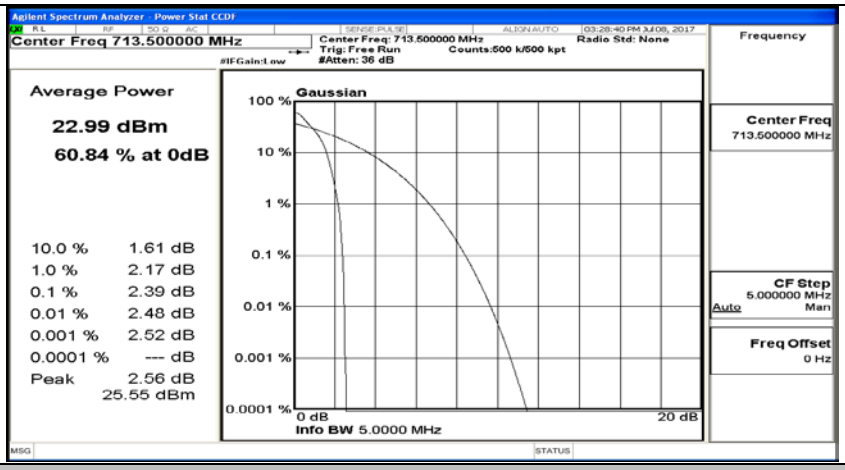
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



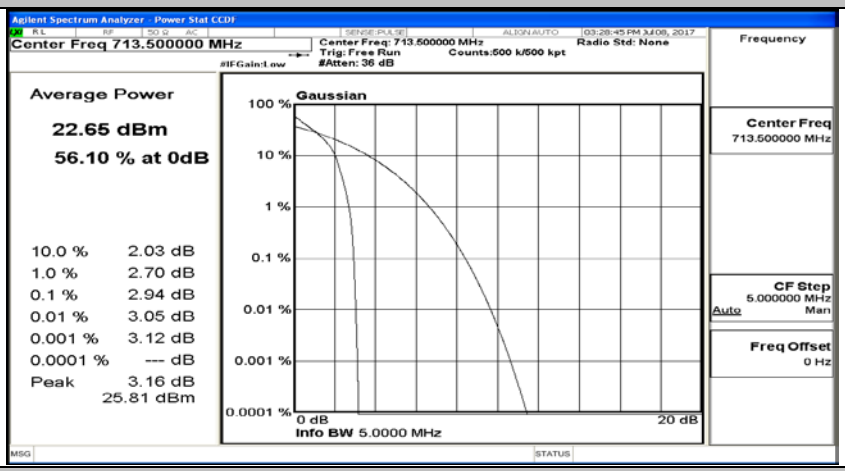
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



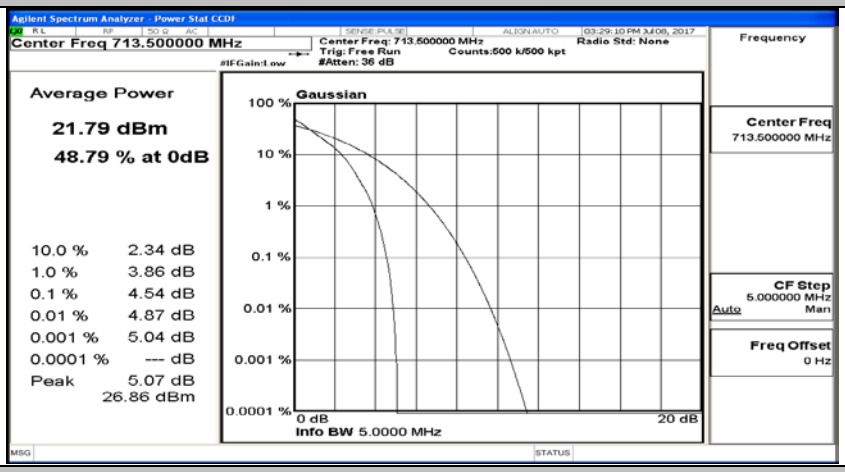
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



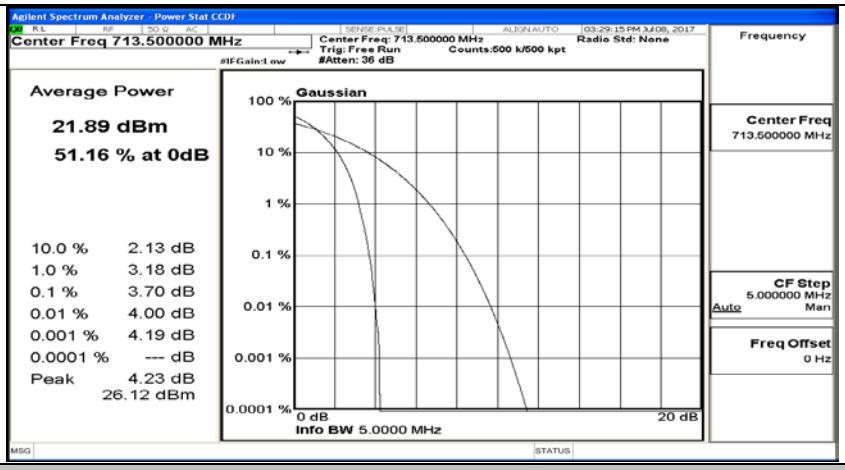
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



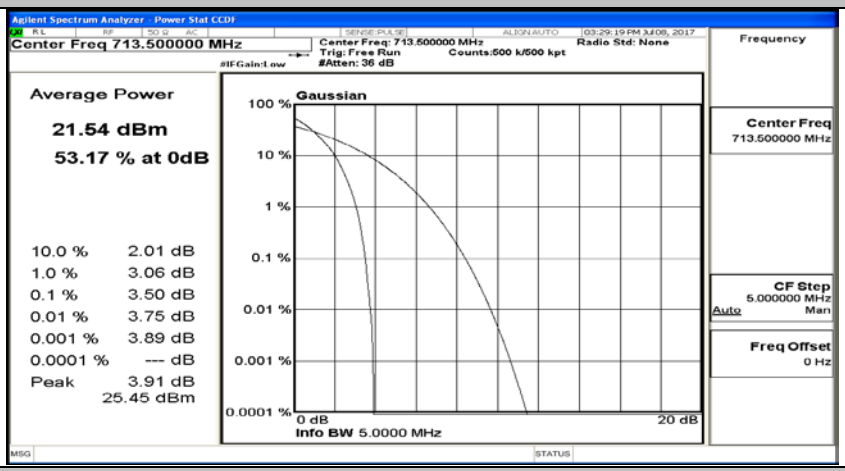
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



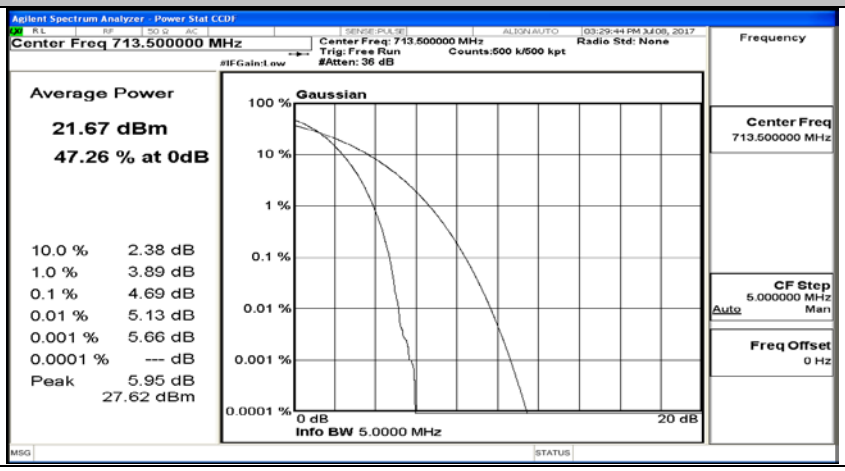
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



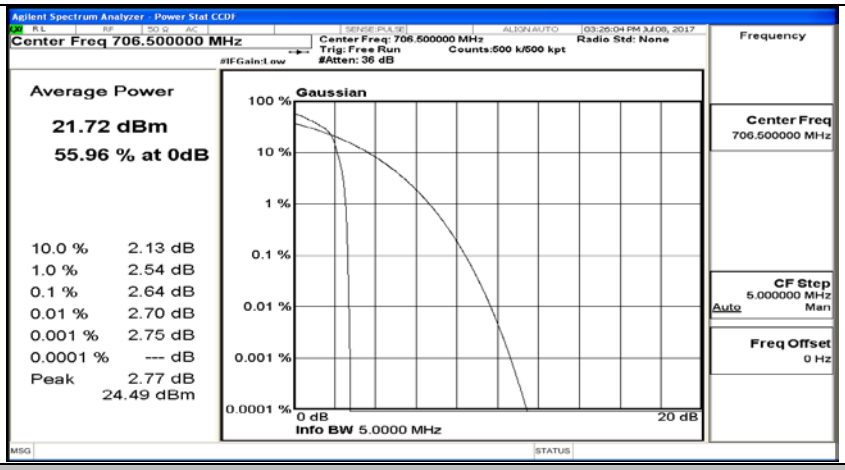
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



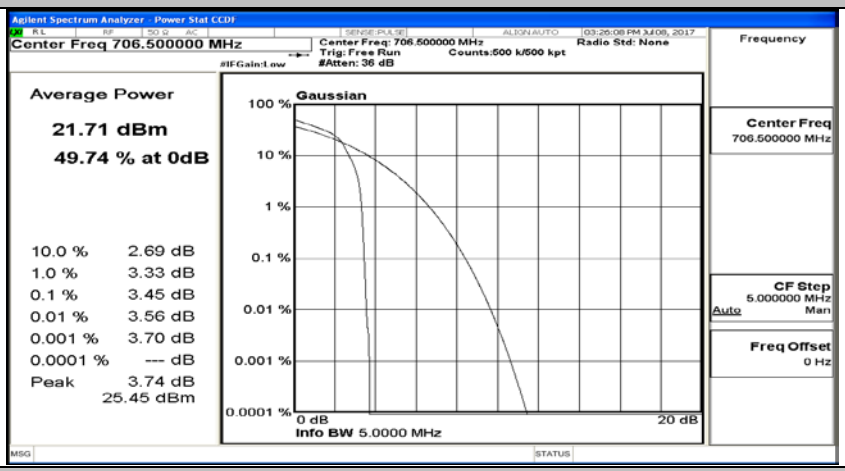
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



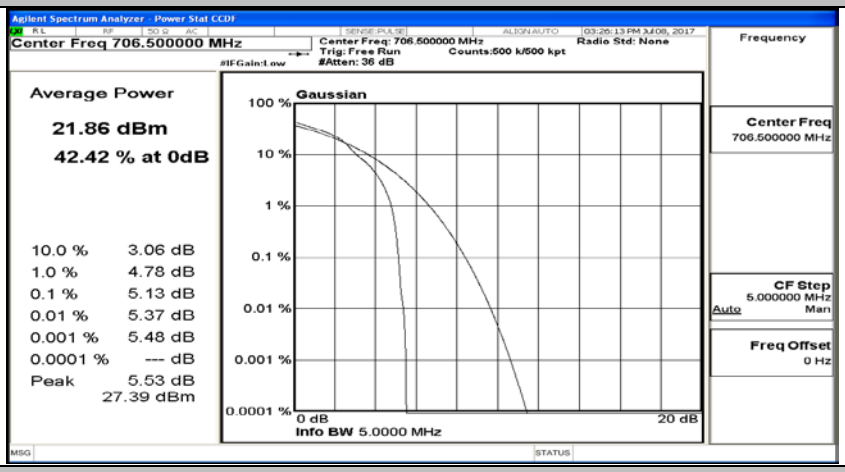
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



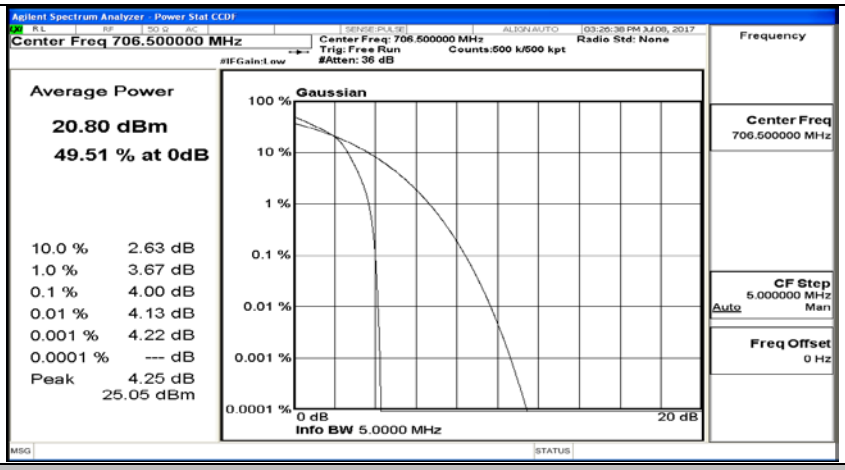
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



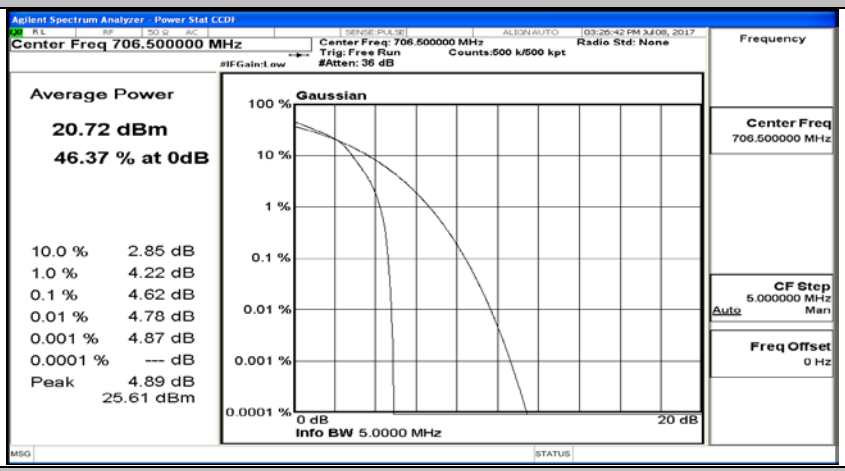
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



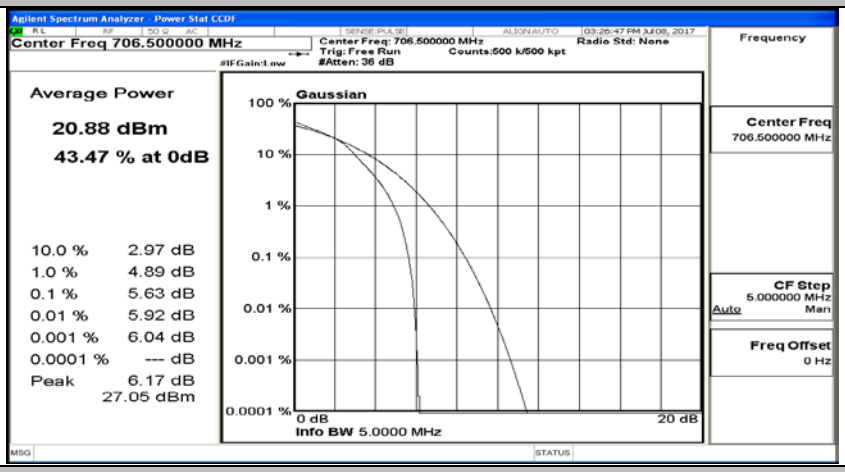
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



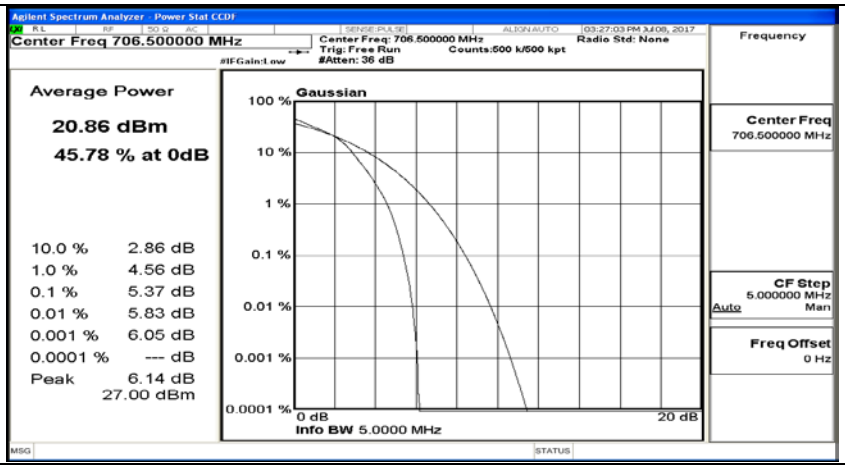
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



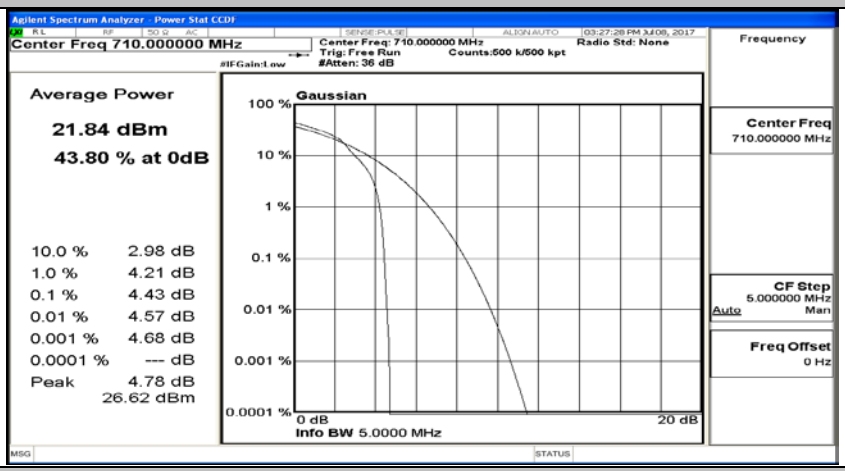
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



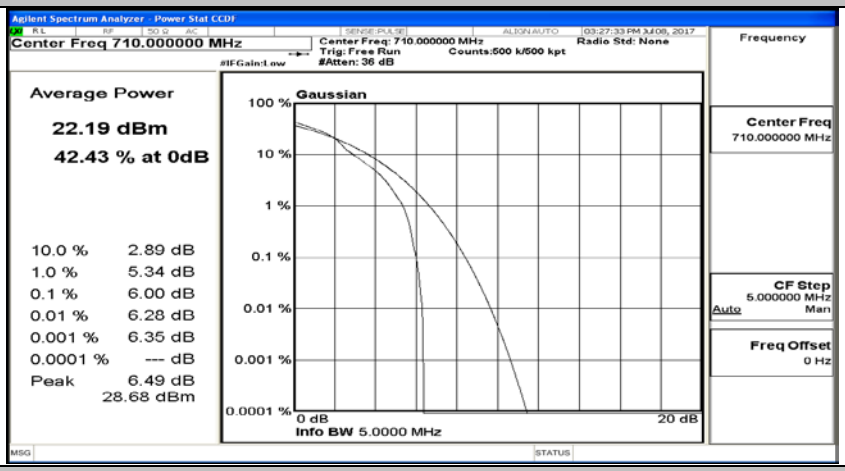
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



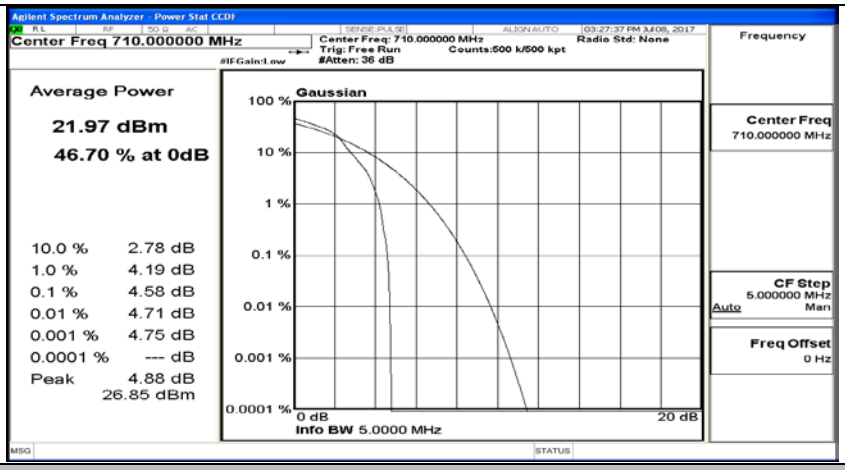
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



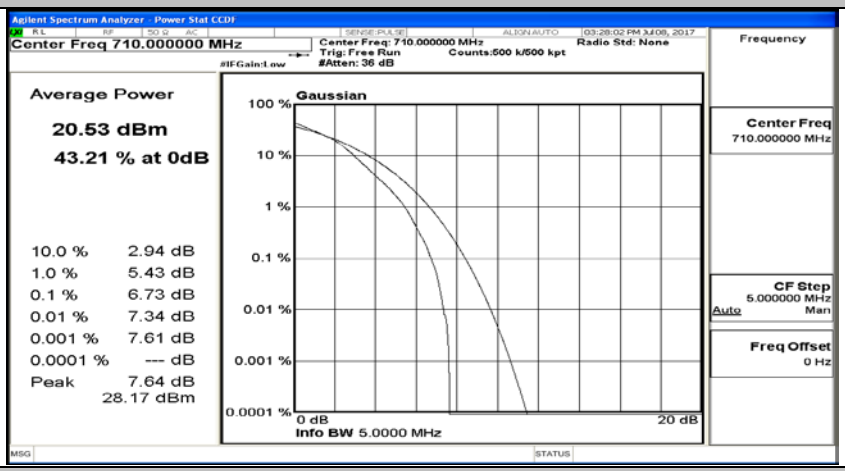
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



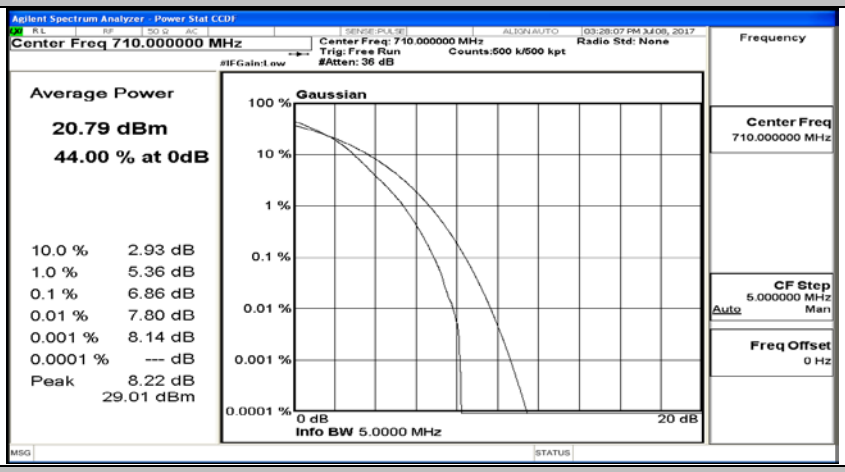
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



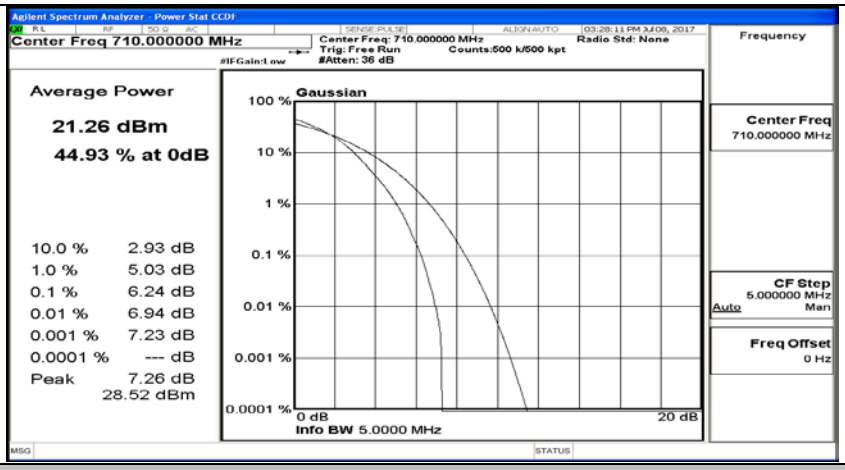
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



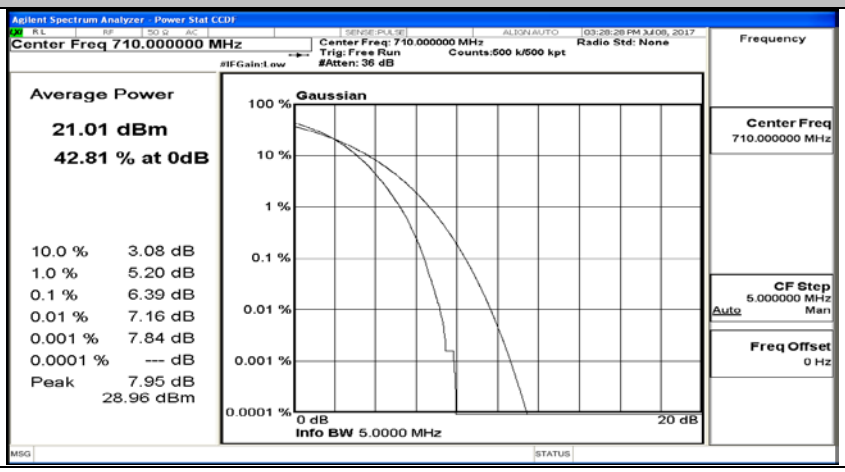
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



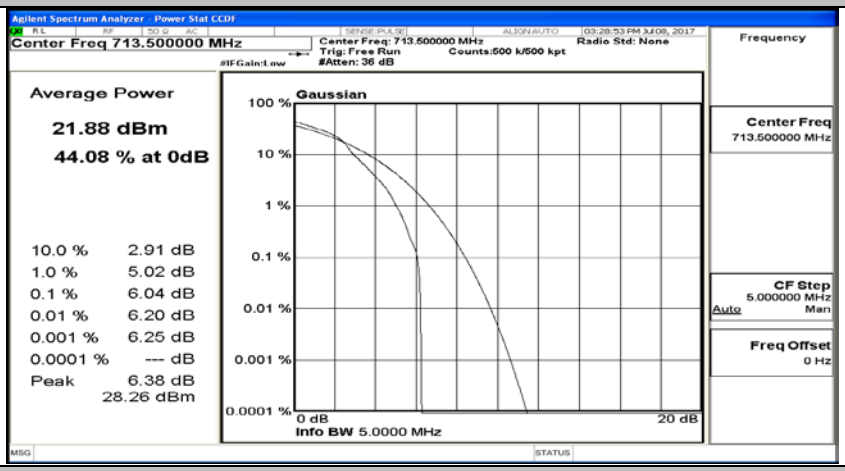
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



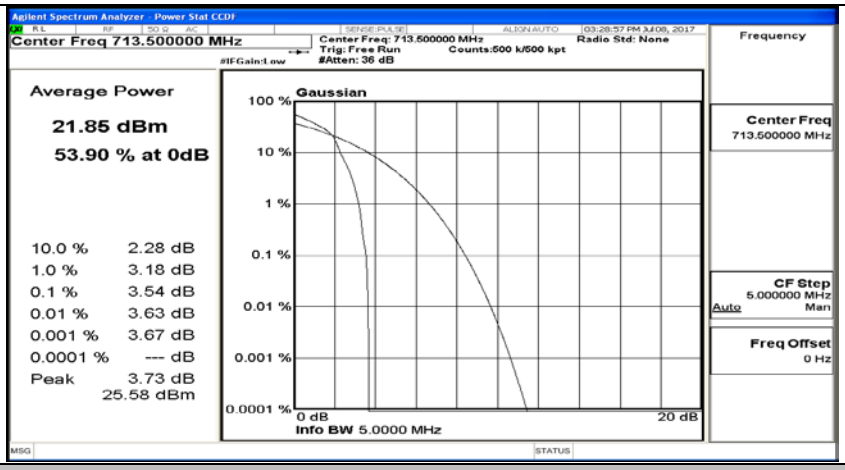
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



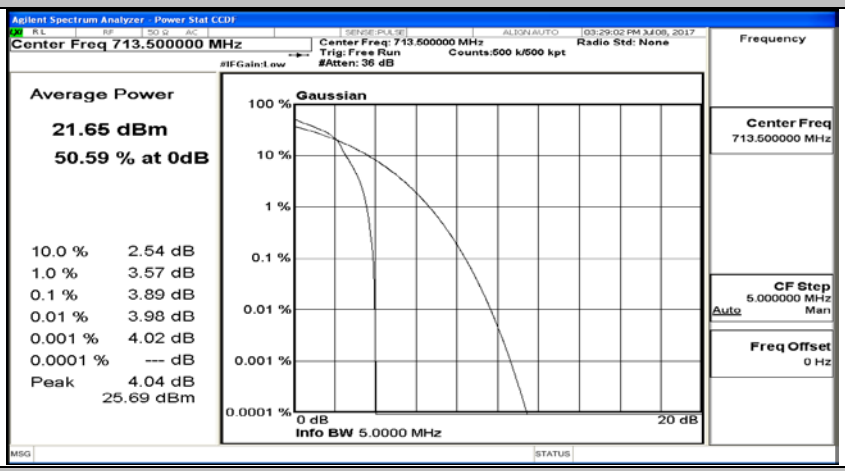
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



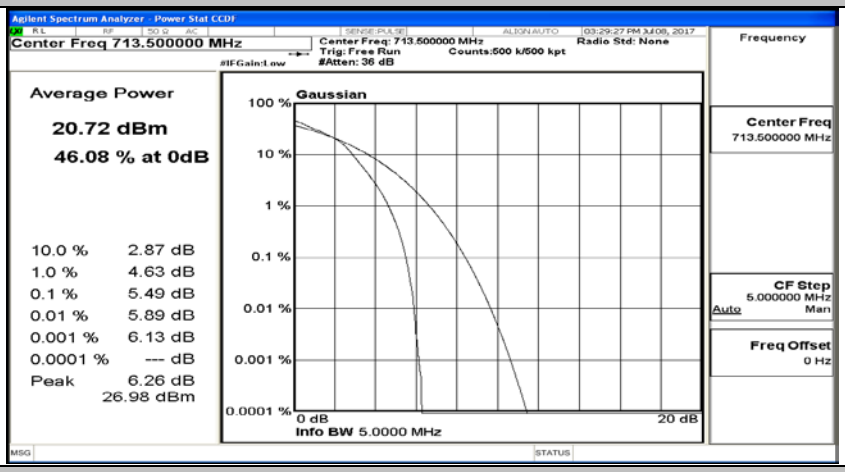
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



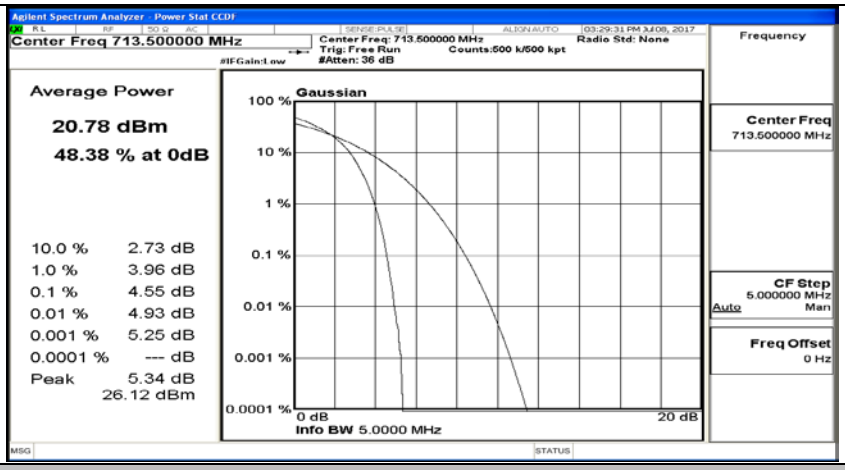
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



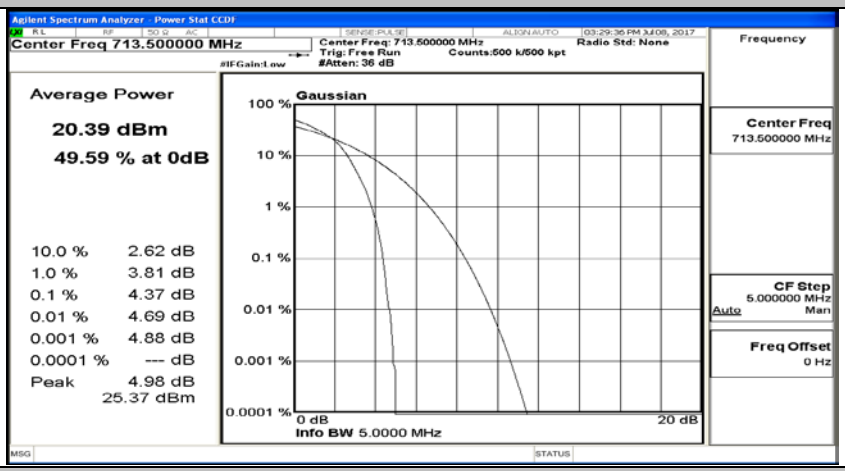
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



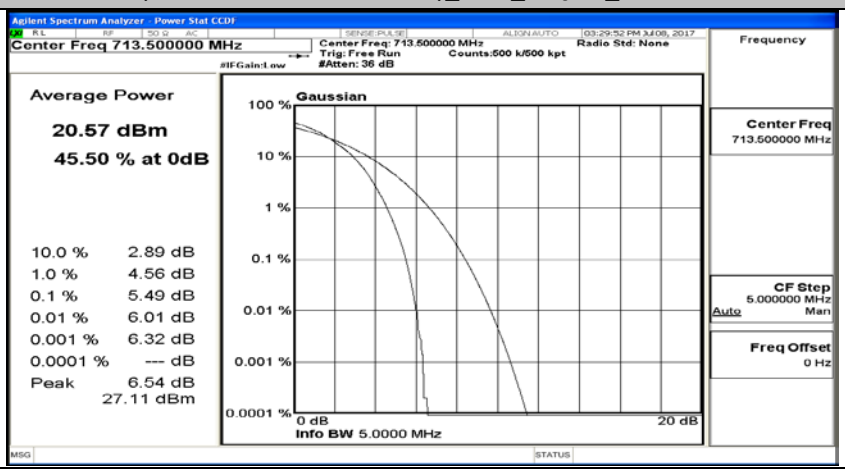
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



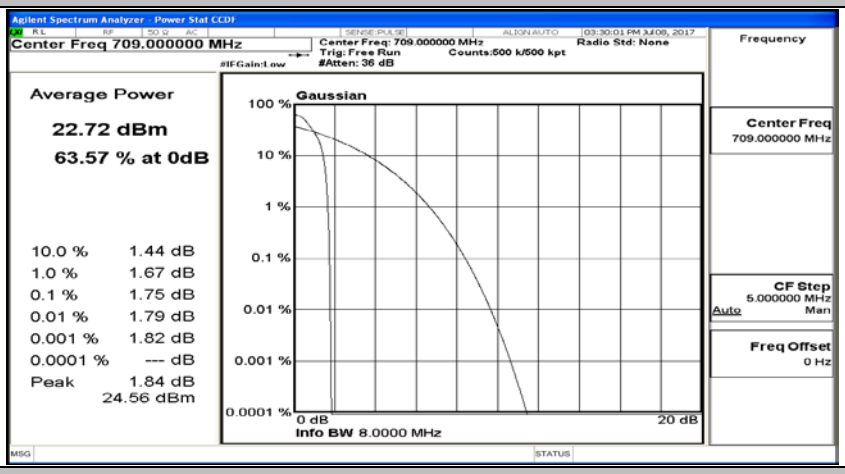
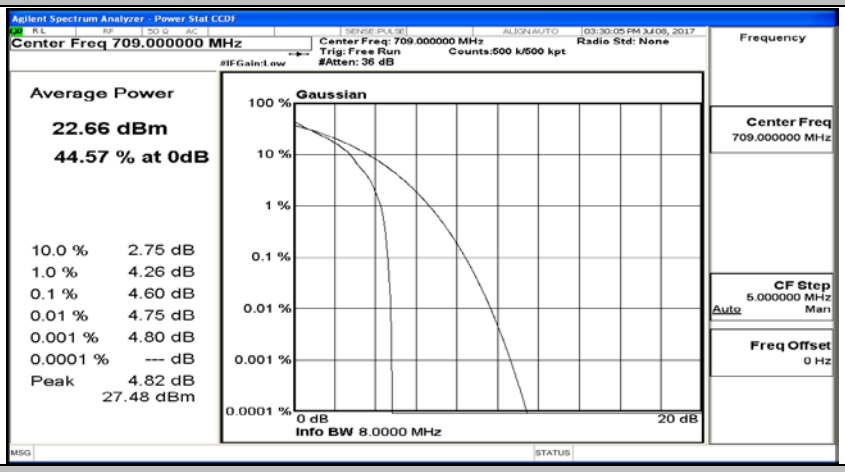
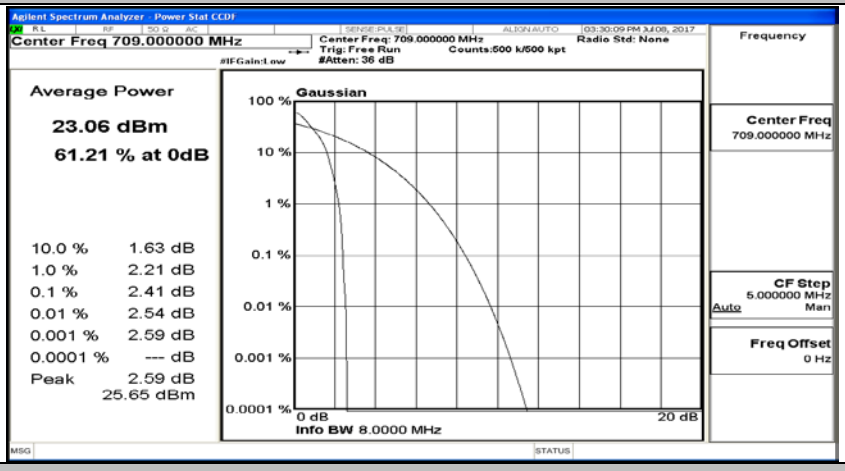
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

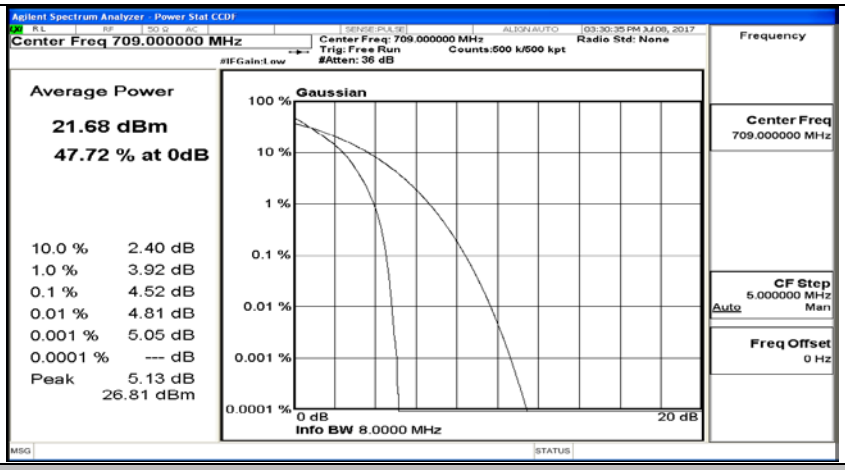


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

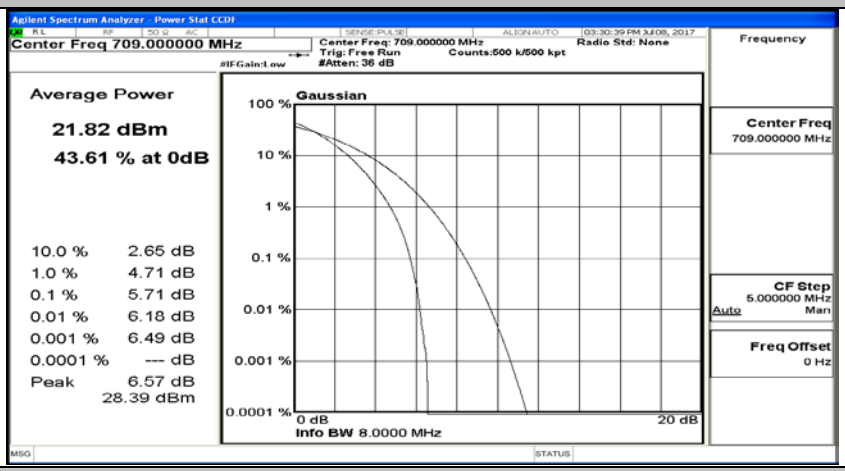


Channel Bandwidth: 10 MHz

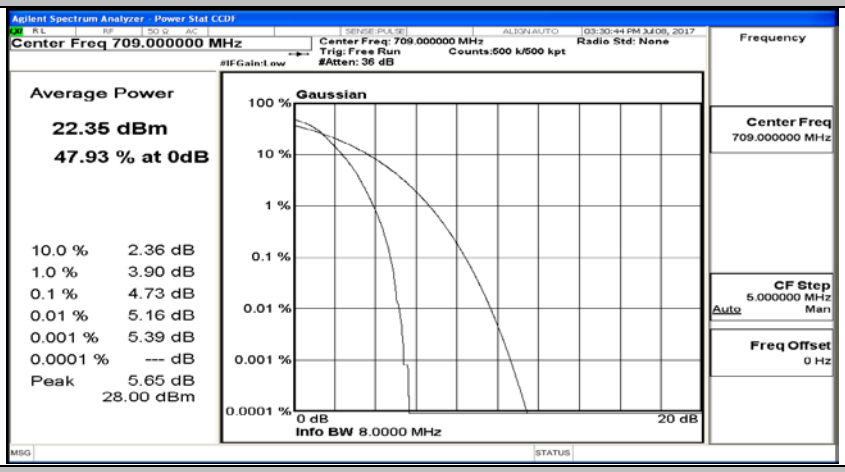
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0

Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24

Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49

Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0



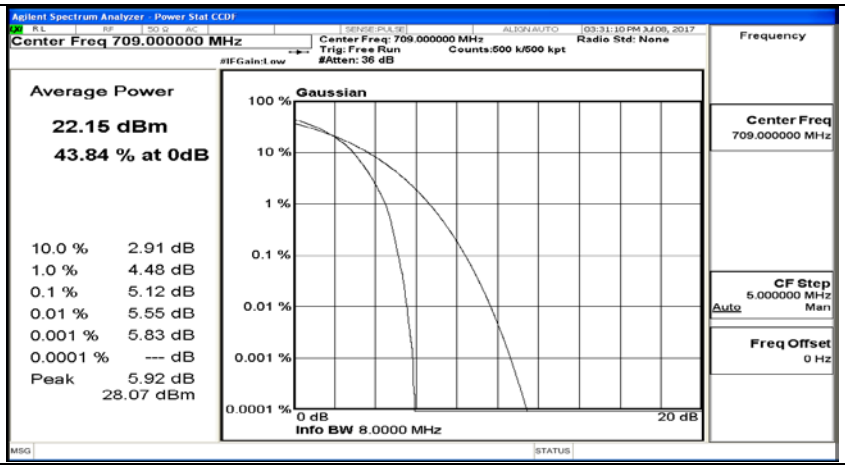
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



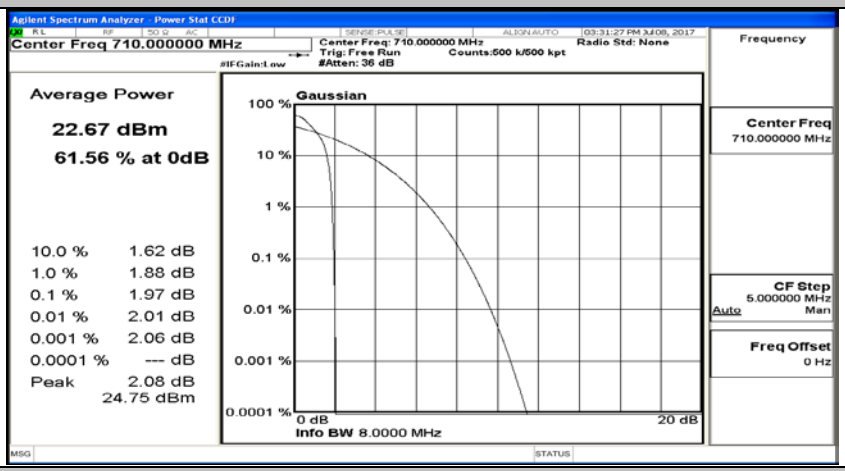
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25



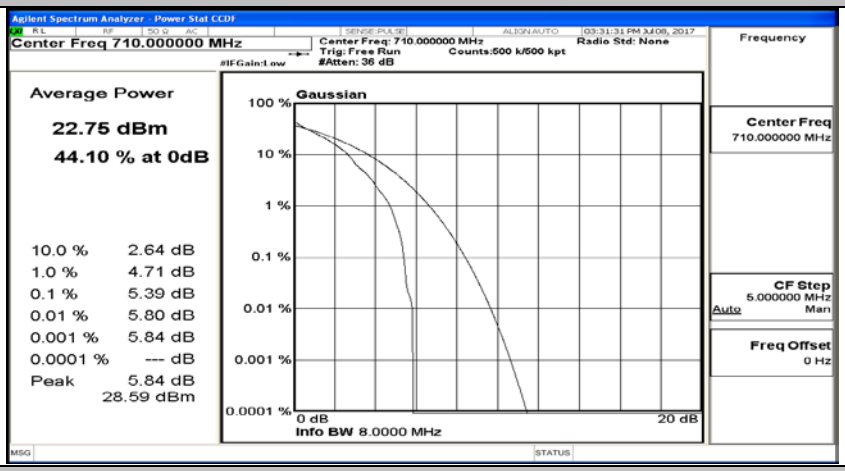
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



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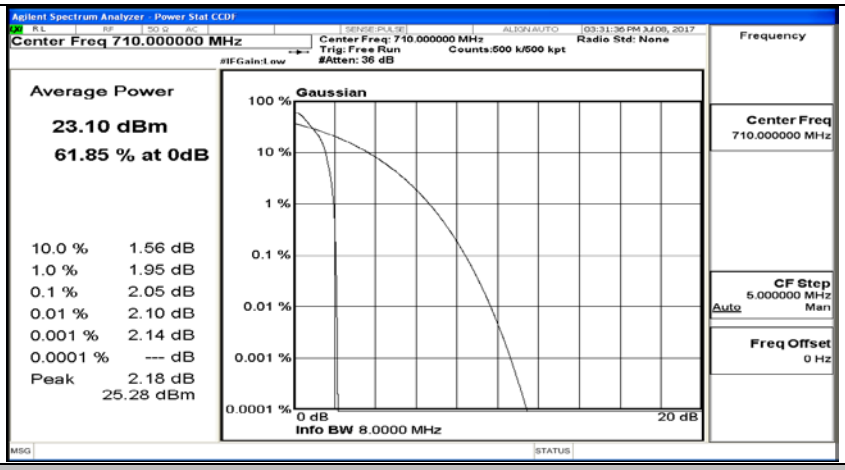

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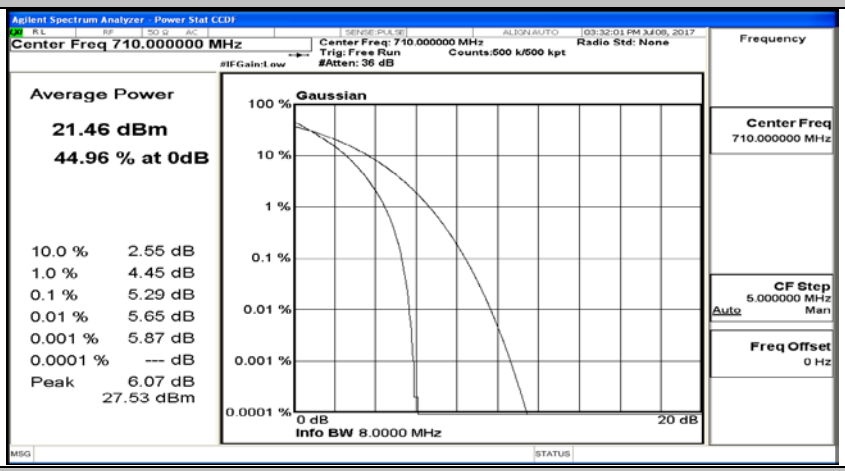
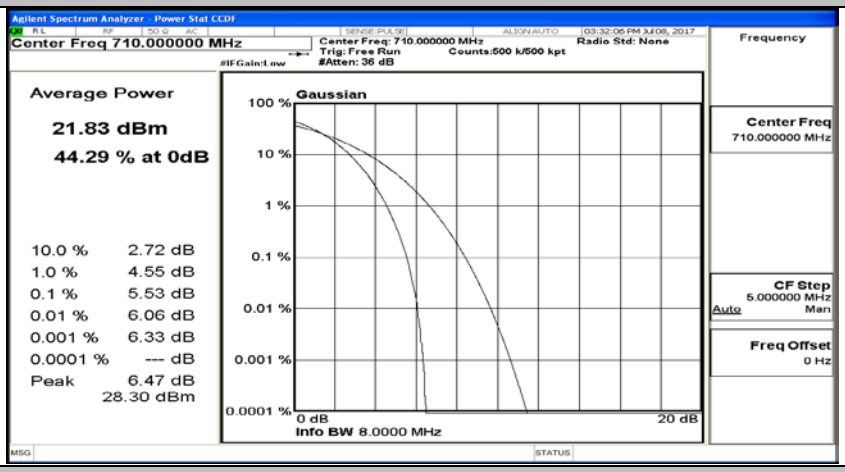


Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



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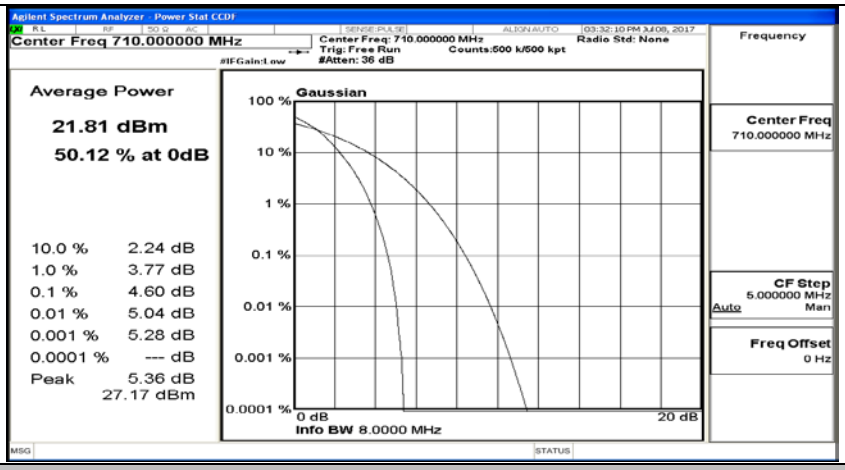
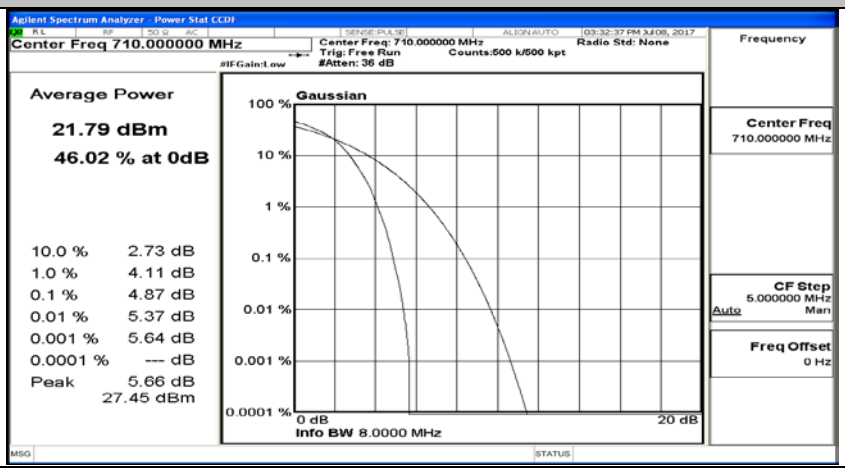
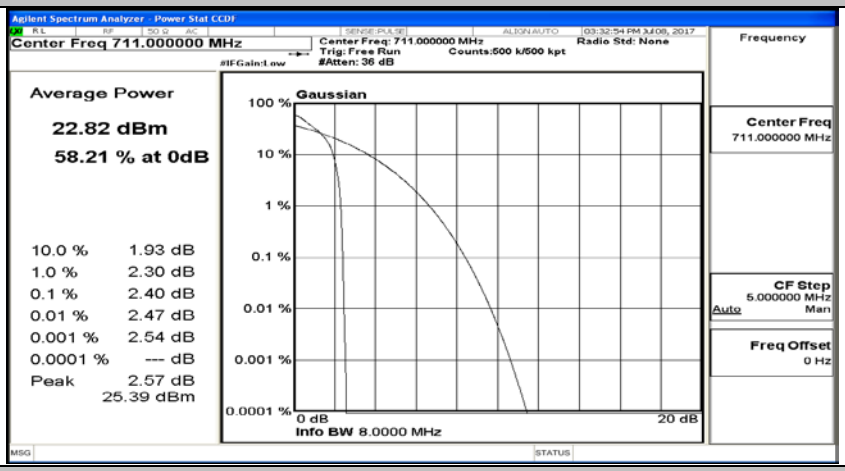


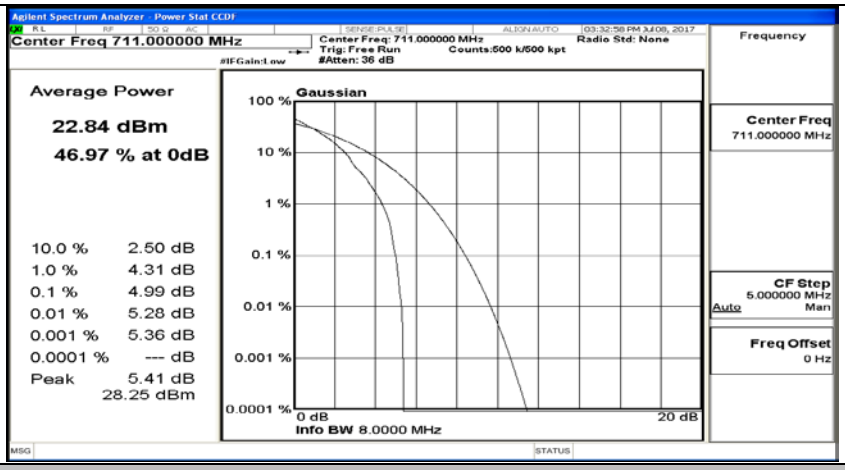
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



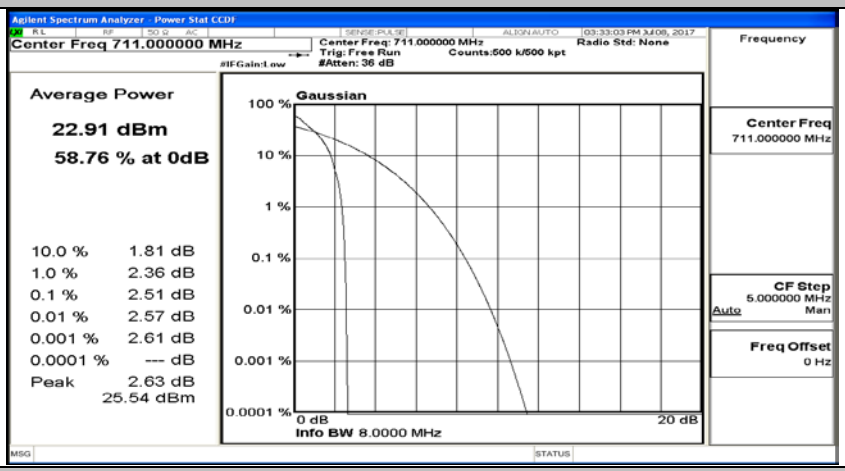
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



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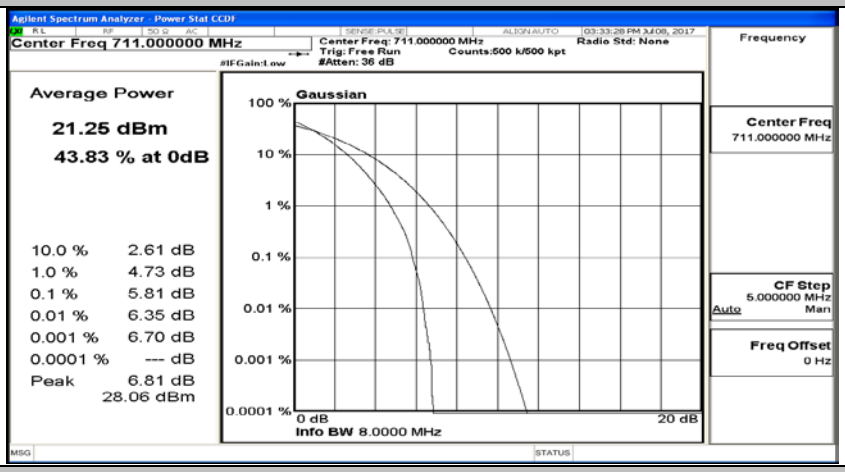
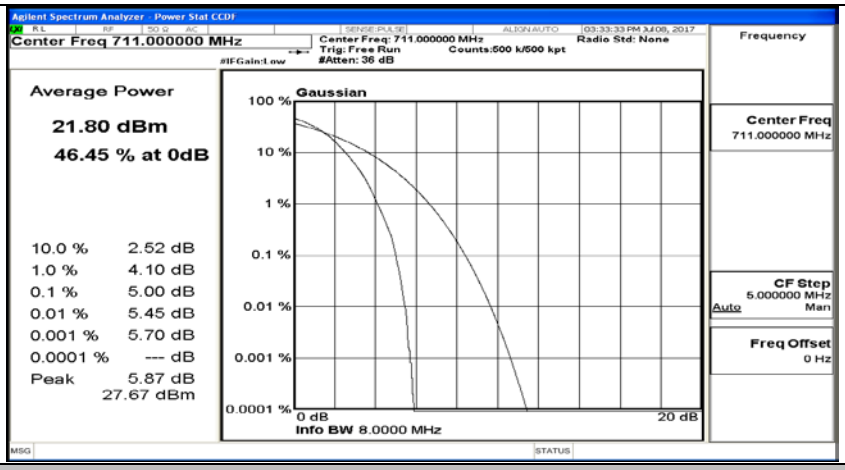


Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



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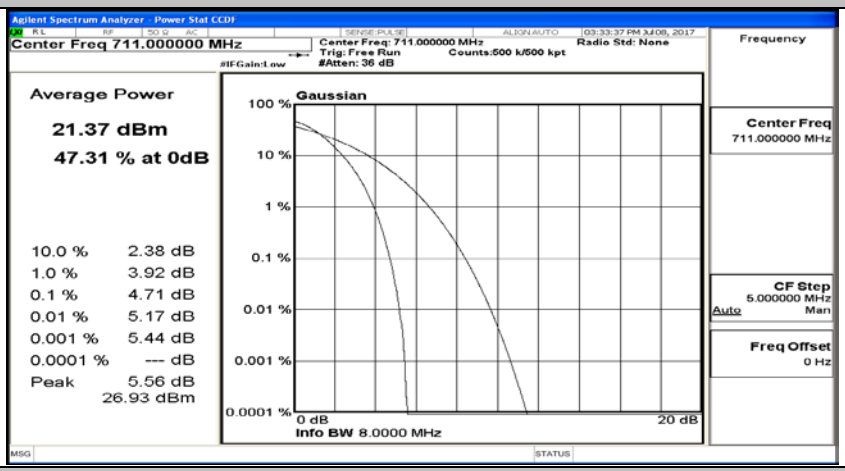
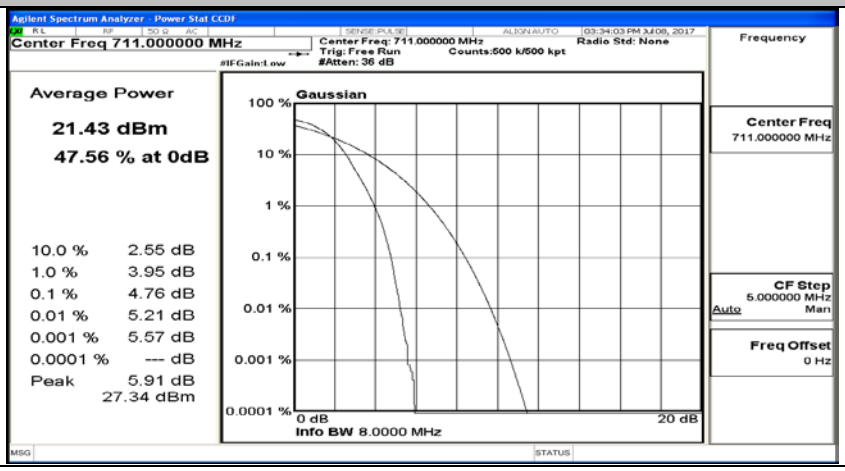
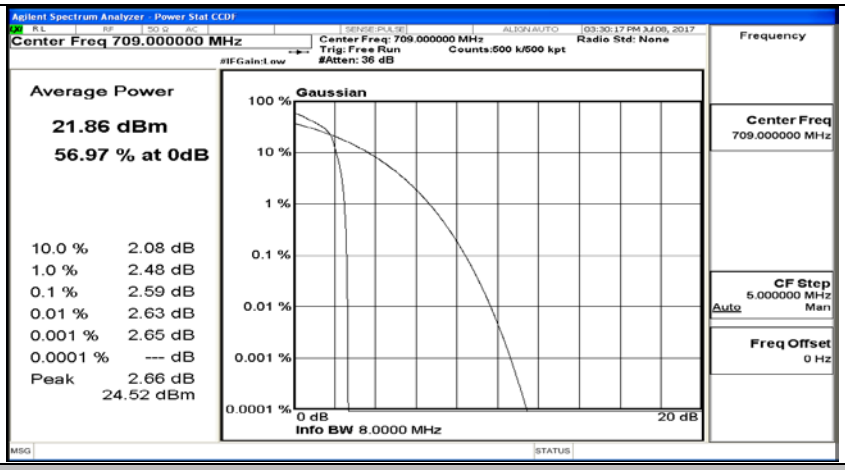


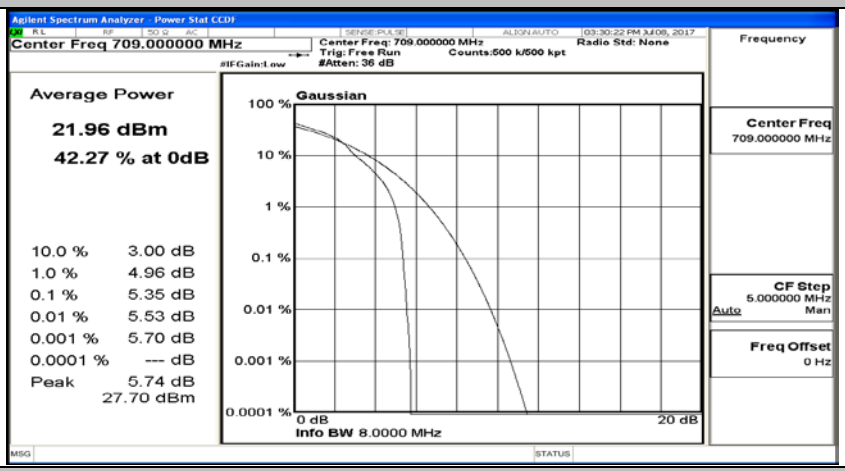
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



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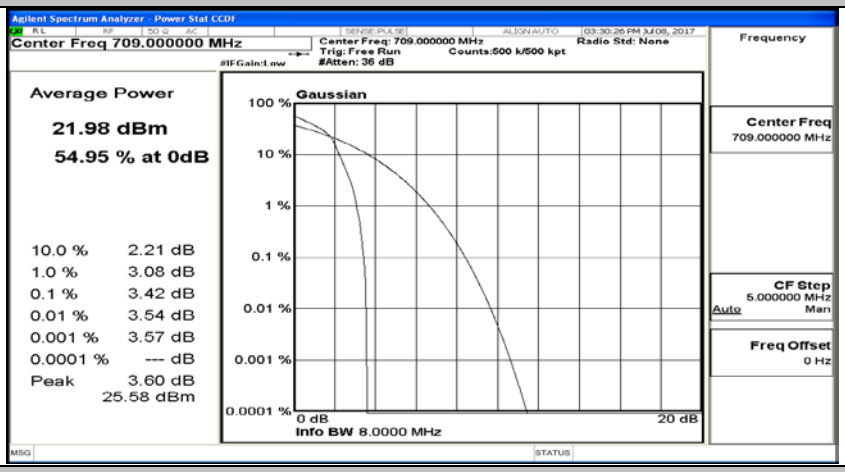

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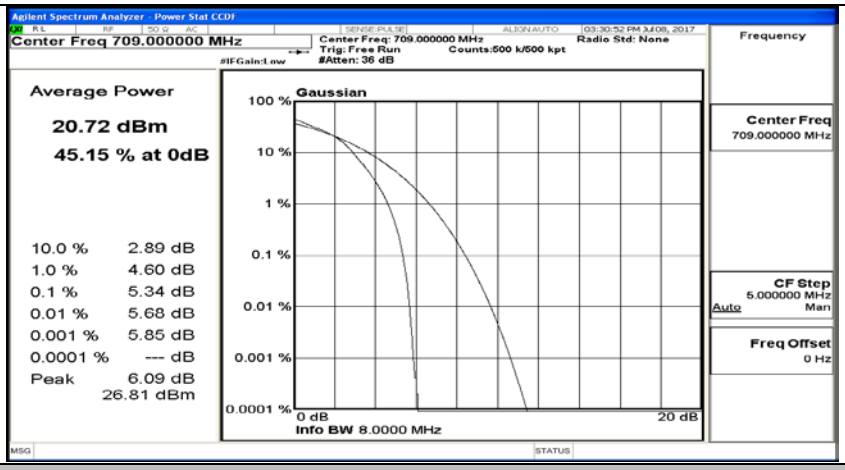
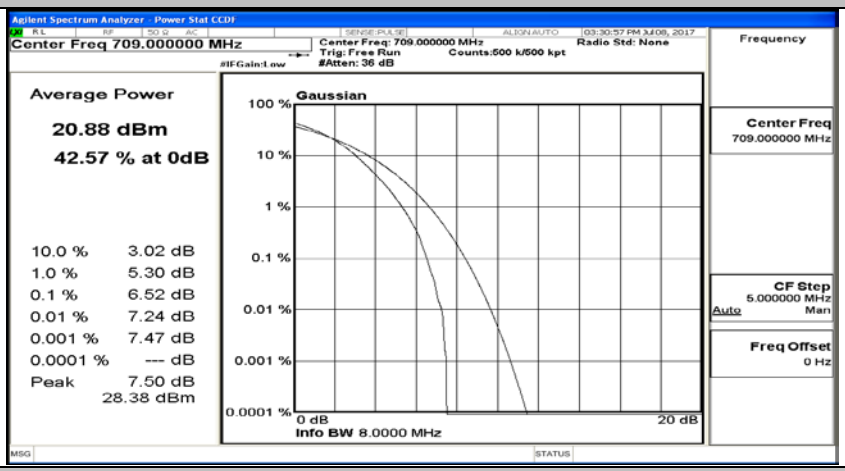


Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12



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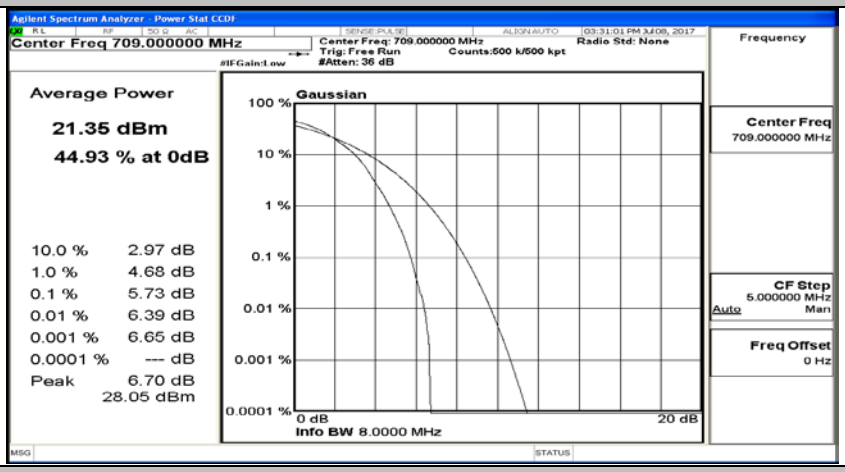
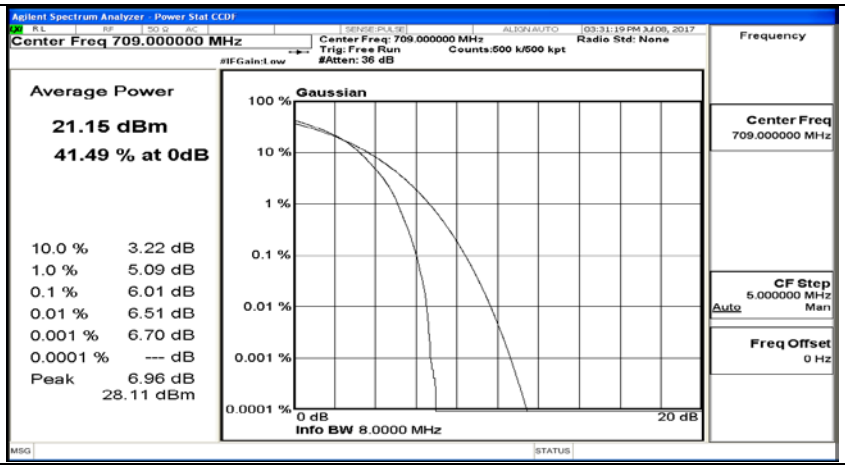
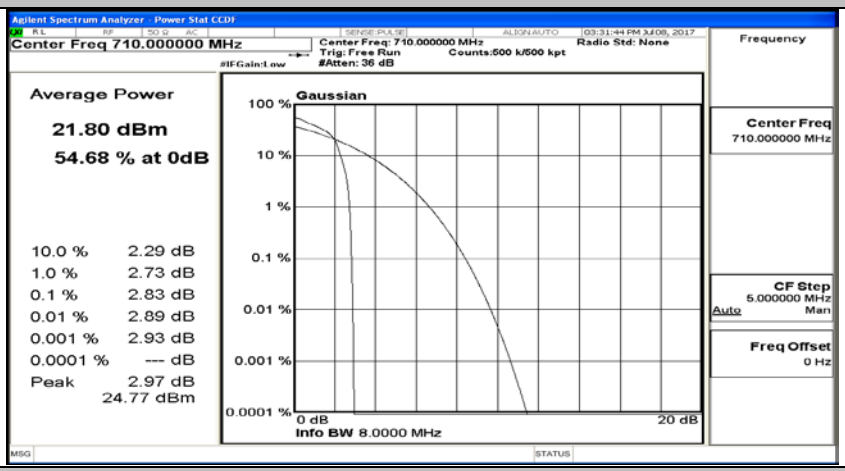


Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



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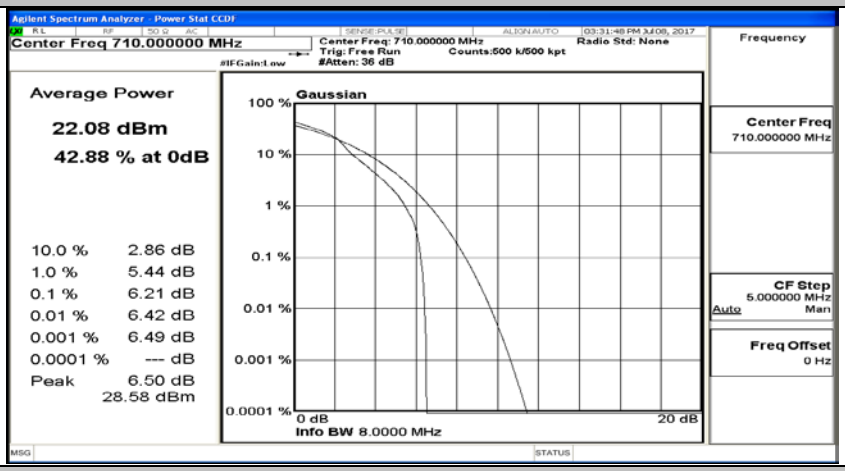

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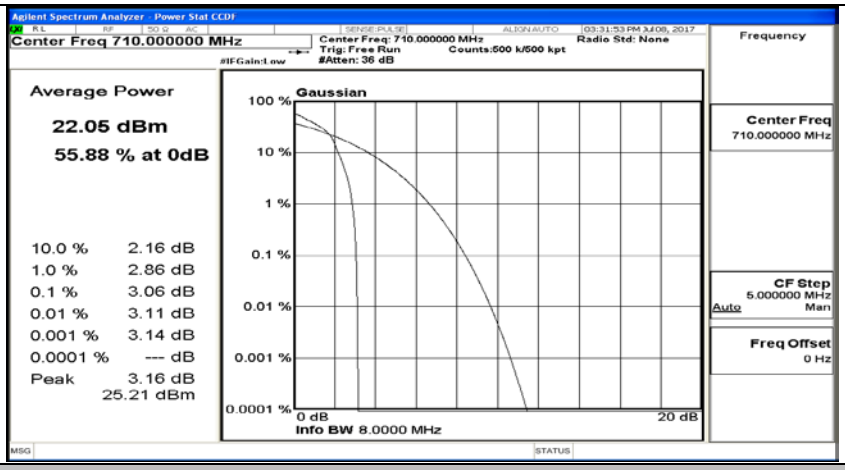

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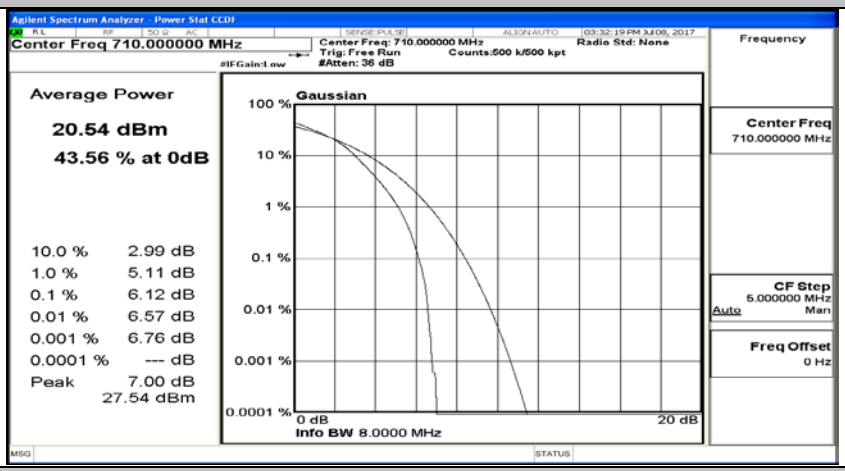
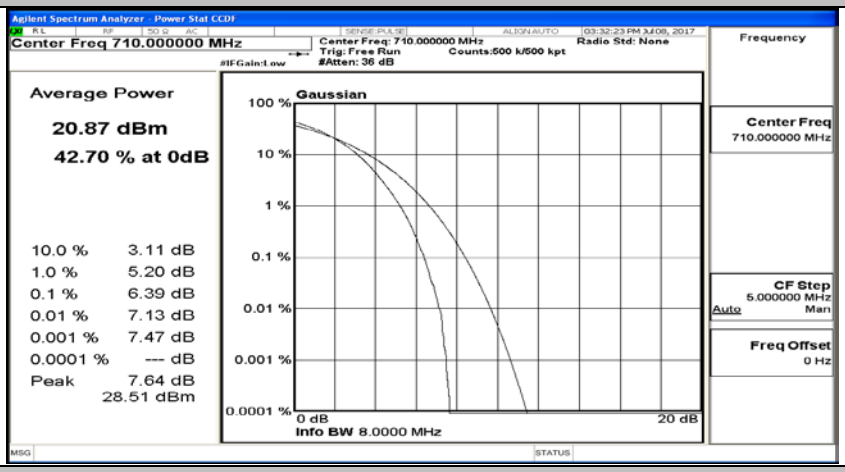
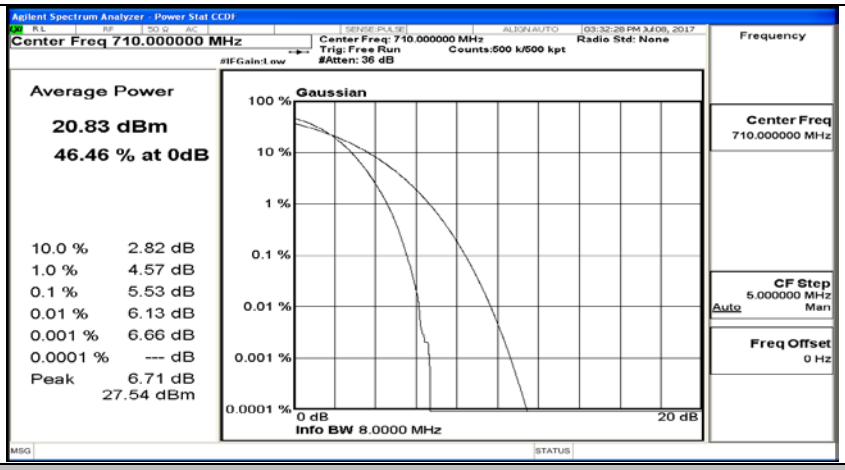


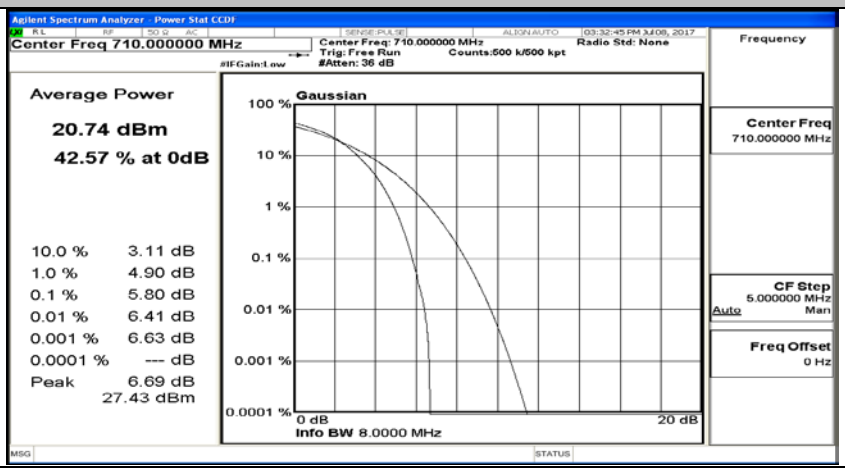
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



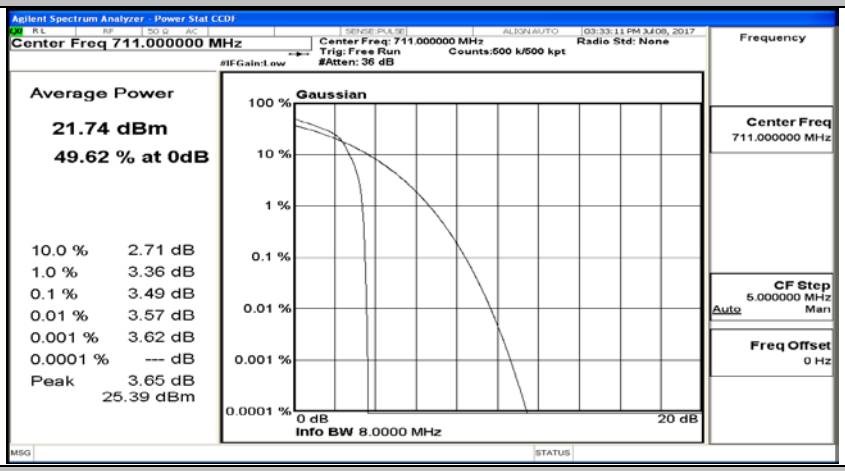
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25



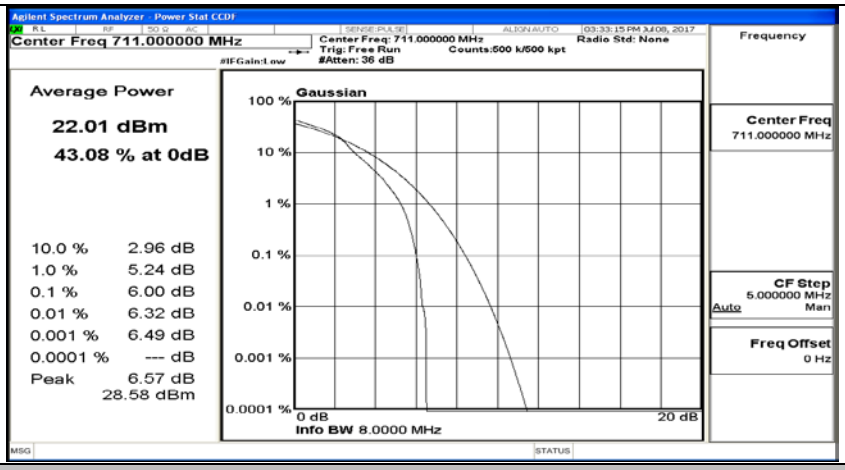
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



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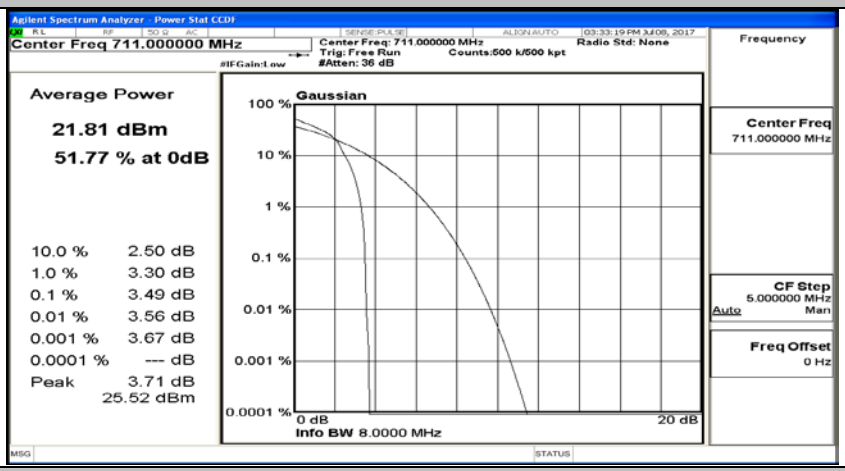

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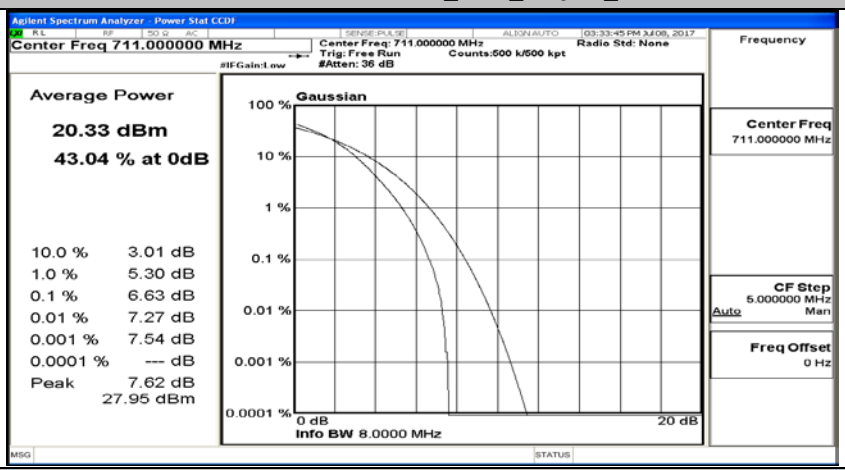
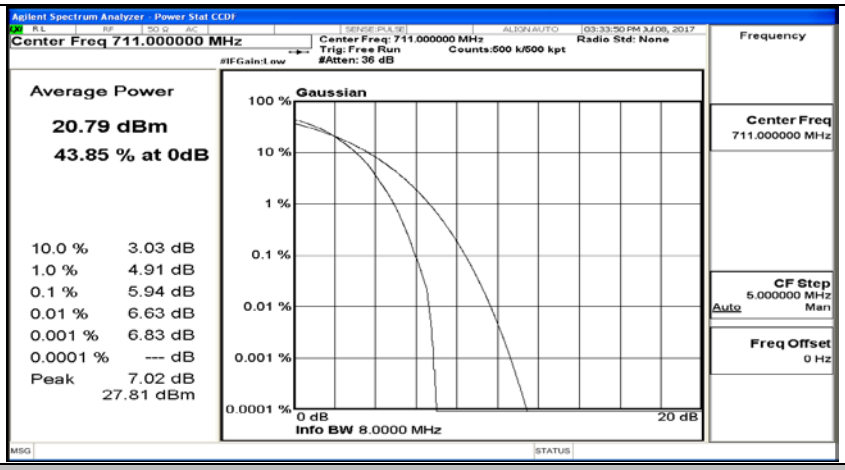


Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



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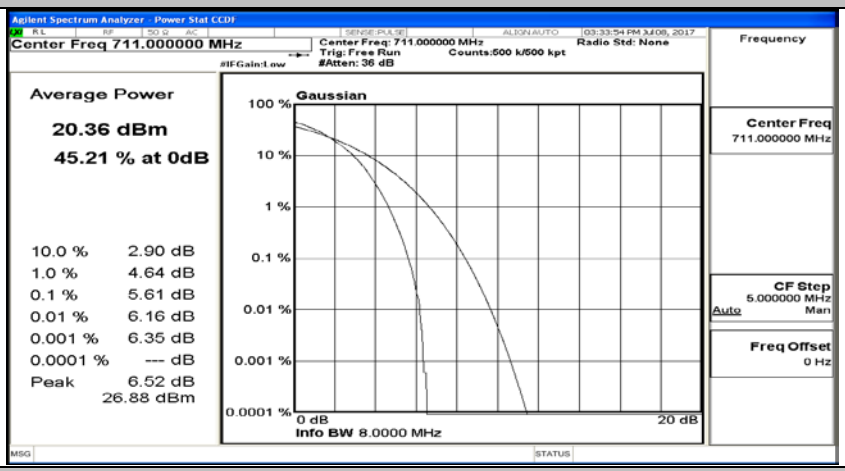

Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0