

Appendix A: Average Power Output Data

Test Result

Channel Bandwidth: 1.4 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.07	PASS
		1	3	23.97	PASS
		1	5	24.02	PASS
		3	0	23.29	PASS
		3	2	23.15	PASS
		3	3	23.12	PASS
		6	0	22.99	PASS
	MCH	1	0	23.77	PASS
		1	3	23.7	PASS
		1	5	23.7	PASS
		3	0	22.82	PASS
		3	2	22.71	PASS
		3	3	22.72	PASS
		6	0	21.76	PASS
	HCH	1	0	23.38	PASS
		1	3	23.35	PASS
		1	5	23.38	PASS
		3	0	22.9	PASS
		3	2	22.77	PASS
		3	3	22.61	PASS
		6	0	22.24	PASS
16QAM	LCH	1	0	22.85	PASS
		1	3	22.82	PASS
		1	5	22.78	PASS
		3	0	22.71	PASS
		3	2	22.65	PASS
		3	3	22.64	PASS
		6	0	21.69	PASS
	MCH	1	0	22.07	PASS
		1	3	22.04	PASS
		1	5	21.99	PASS
		3	0	21.74	PASS
		3	2	21.67	PASS

		3	3	21.69	PASS
		6	0	20.7	PASS
	HCH	1	0	21.53	PASS
		1	3	21.59	PASS
		1	5	21.55	PASS
		3	0	21.62	PASS
		3	2	21.95	PASS
		3	3	21.96	PASS
		6	0	20.85	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.2	PASS
		1	7	23.29	PASS
		1	14	23.11	PASS
		8	0	22.38	PASS
		8	4	22.16	PASS
		8	7	22.3	PASS
		15	0	22.2	PASS
	MCH	1	0	23.3	PASS
		1	7	23.22	PASS
		1	14	23.09	PASS
		8	0	22.36	PASS
		8	4	22.24	PASS
		8	7	22.2	PASS
		15	0	22.27	PASS
	HCH	1	0	22.79	PASS
		1	7	22.83	PASS
		1	14	22.81	PASS
		8	0	21.93	PASS
		8	4	21.92	PASS
		8	7	21.91	PASS
		15	0	21.9	PASS
16QAM	LCH	1	0	22.32	PASS
		1	7	22.12	PASS
		1	14	22.17	PASS
		8	0	21.51	PASS
		8	4	21.29	PASS
		8	7	21.65	PASS
		15	0	21.78	PASS
	MCH	1	0	21.93	PASS

		1	7	21.94	PASS
		1	14	21.98	PASS
		8	0	21.34	PASS
		8	4	21.25	PASS
		8	7	21.65	PASS
		15	0	21.47	PASS
	HCH	1	0	22.06	PASS
		1	7	22.11	PASS
		1	14	22.06	PASS
		8	0	21	PASS
		8	4	21.02	PASS
		8	7	21.36	PASS
		15	0	20.89	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.5	PASS
		1	12	23.28	PASS
		1	24	23.06	PASS
		12	0	22.34	PASS
		12	6	22.22	PASS
		12	13	22.15	PASS
		25	0	22.16	PASS
	MCH	1	0	23.52	PASS
		1	12	23.3	PASS
		1	24	23.1	PASS
		12	0	22.43	PASS
		12	6	22.29	PASS
		12	13	22.22	PASS
		25	0	22.27	PASS
	HCH	1	0	23.05	PASS
		1	12	22.54	PASS
		1	24	22.95	PASS
		12	0	22.65	PASS
		12	6	21.92	PASS
		12	13	21.94	PASS
		25	0	21.92	PASS
16QAM	LCH	1	0	22.43	PASS
		1	12	22.24	PASS
		1	24	22.14	PASS
		12	0	21.26	PASS

		12	6	21.18	PASS	
		12	13	21.13	PASS	
		25	0	21.12	PASS	
	MCH		1	0	21.92	PASS
			1	12	21.93	PASS
			1	24	21.98	PASS
			12	0	21.35	PASS
			12	6	21.41	PASS
			12	13	21.34	PASS
	HCH		25	0	21.3	PASS
			1	0	22.24	PASS
			1	12	22.15	PASS
			1	24	22.12	PASS
			12	0	21.06	PASS
			12	6	21.02	PASS
			12	13	20.99	PASS
			25	0	20.95	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict	
		Size	Offset			
QPSK	LCH	1	0	24.08	PASS	
		1	24	23.69	PASS	
		1	49	23.49	PASS	
		25	0	23.34	PASS	
		25	12	22.98	PASS	
		25	25	22.76	PASS	
		50	0	23.06	PASS	
	MCH		1	0	23.67	PASS
			1	24	23.28	PASS
			1	49	23.01	PASS
			25	0	22.8	PASS
			25	12	22.3	PASS
			25	25	22.14	PASS
			50	0	22.28	PASS
	HCH		1	0	23.13	PASS
			1	24	23.65	PASS
			1	49	22.71	PASS
			25	0	22.67	PASS
			25	12	21.97	PASS
			25	25	21.91	PASS
			50	0	22.74	PASS

16QAM	LCH	1	0	22.41	PASS
		1	24	22.09	PASS
		1	49	21.77	PASS
		25	0	21.12	PASS
		25	12	21.00	PASS
		25	25	20.79	PASS
		50	0	21.03	PASS
	MCH	1	0	22.01	PASS
		1	24	22.13	PASS
		1	49	22.32	PASS
		25	0	20.97	PASS
		25	12	20.82	PASS
		25	25	21.14	PASS
		50	0	21.33	PASS
	HCH	1	0	22.35	PASS
		1	24	22.14	PASS
		1	49	22.08	PASS
		25	0	21.64	PASS
		25	12	21.64	PASS
		25	25	20.94	PASS
		50	0	21.65	PASS

Appendix B: Peak-to-Average Ratio

Test Result

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	2.42	<13	PASS
		1	3	2.44	<13	PASS
		1	5	2.41	<13	PASS
		3	0	2.57	<13	PASS
		3	2	2.58	<13	PASS
		3	3	2.58	<13	PASS
		6	0	3.33	<13	PASS
	MCH	1	0	4.00	<13	PASS
		1	3	3.97	<13	PASS
		1	5	3.96	<13	PASS
		3	0	3.93	<13	PASS
		3	2	4.02	<13	PASS
		3	3	3.99	<13	PASS
		6	0	4.85	<13	PASS
	HCH	1	0	4.14	<13	PASS
		1	3	4.08	<13	PASS
		1	5	3.95	<13	PASS
		3	0	3.99	<13	PASS
		3	2	4.06	<13	PASS
		3	3	4.03	<13	PASS
		6	0	4.88	<13	PASS
16QAM	LCH	1	0	3.56	<13	PASS
		1	3	3.58	<13	PASS
		1	5	3.5	<13	PASS
		3	0	3.61	<13	PASS
		3	2	3.64	<13	PASS
		3	3	3.68	<13	PASS
		6	0	4.32	<13	PASS
	MCH	1	0	4.94	<13	PASS
		1	3	5.00	<13	PASS
		1	5	4.96	<13	PASS
		3	0	4.94	<13	PASS
		3	2	4.99	<13	PASS

		3	3	5.04	<13	PASS
		6	0	5.80	<13	PASS
	HCH	1	0	4.95	<13	PASS
		1	3	5.08	<13	PASS
		1	5	5.11	<13	PASS
		3	0	4.93	<13	PASS
		3	2	4.97	<13	PASS
		3	3	5.01	<13	PASS
		6	0	5.76	<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	2.48	<13	PASS
		1	7	2.50	<13	PASS
		1	14	2.66	<13	PASS
		8	0	3.37	<13	PASS
		8	4	3.43	<13	PASS
		8	7	3.44	<13	PASS
		15	0	3.51	<13	PASS
	MCH	1	0	3.90	<13	PASS
		1	7	4.04	<13	PASS
		1	14	3.95	<13	PASS
		8	0	4.83	<13	PASS
		8	4	4.85	<13	PASS
		8	7	4.87	<13	PASS
		15	0	4.96	<13	PASS
	HCH	1	0	3.97	<13	PASS
		1	7	4.03	<13	PASS
		1	14	4.09	<13	PASS
		8	0	4.81	<13	PASS
		8	4	4.9	<13	PASS
		8	7	4.87	<13	PASS
		15	0	4.94	<13	PASS
16QAM	LCH	1	0	3.54	<13	PASS
		1	7	3.50	<13	PASS
		1	14	3.61	<13	PASS
		8	0	4.25	<13	PASS
		8	4	4.27	<13	PASS
		8	7	4.36	<13	PASS

	MCH	15	0	4.50	<13	PASS
		1	0	4.90	<13	PASS
		1	7	4.85	<13	PASS
		1	14	4.83	<13	PASS
		8	0	5.65	<13	PASS
		8	4	5.62	<13	PASS
		8	7	5.60	<13	PASS
		15	0	5.85	<13	PASS
	HCH	1	0	4.84	<13	PASS
		1	7	5.06	<13	PASS
		1	14	4.87	<13	PASS
		8	0	5.61	<13	PASS
		8	4	5.65	<13	PASS
		8	7	5.62	<13	PASS
		15	0	5.80	<13	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	2.47	<13	PASS
		1	12	2.66	<13	PASS
		1	24	3.07	<13	PASS
		12	0	3.44	<13	PASS
		12	6	3.56	<13	PASS
		12	13	3.78	<13	PASS
		25	0	3.68	<13	PASS
	MCH	1	0	3.98	<13	PASS
		1	12	4.04	<13	PASS
		1	24	3.88	<13	PASS
		12	0	4.84	<13	PASS
		12	6	4.85	<13	PASS
		12	13	4.76	<13	PASS
		25	0	4.96	<13	PASS
	HCH	1	0	3.78	<13	PASS
		1	12	4.09	<13	PASS
		1	24	4.19	<13	PASS
		12	0	4.72	<13	PASS
		12	6	4.81	<13	PASS
		12	13	4.94	<13	PASS
		25	0	4.93	<13	PASS

16QAM	LCH	1	0	3.52	<13	PASS
		1	12	3.63	<13	PASS
		1	24	3.92	<13	PASS
		12	0	4.39	<13	PASS
		12	6	4.49	<13	PASS
		12	13	4.68	<13	PASS
		25	0	4.54	<13	PASS
	MCH	1	0	4.90	<13	PASS
		1	12	5.01	<13	PASS
		1	24	4.93	<13	PASS
		12	0	5.72	<13	PASS
		12	6	5.66	<13	PASS
		12	13	5.60	<13	PASS
		25	0	5.73	<13	PASS
	HCH	1	0	4.68	<13	PASS
		1	12	4.86	<13	PASS
		1	24	4.99	<13	PASS
		12	0	5.54	<13	PASS
		12	6	5.68	<13	PASS
		12	13	5.87	<13	PASS
		25	0	5.62	<13	PASS

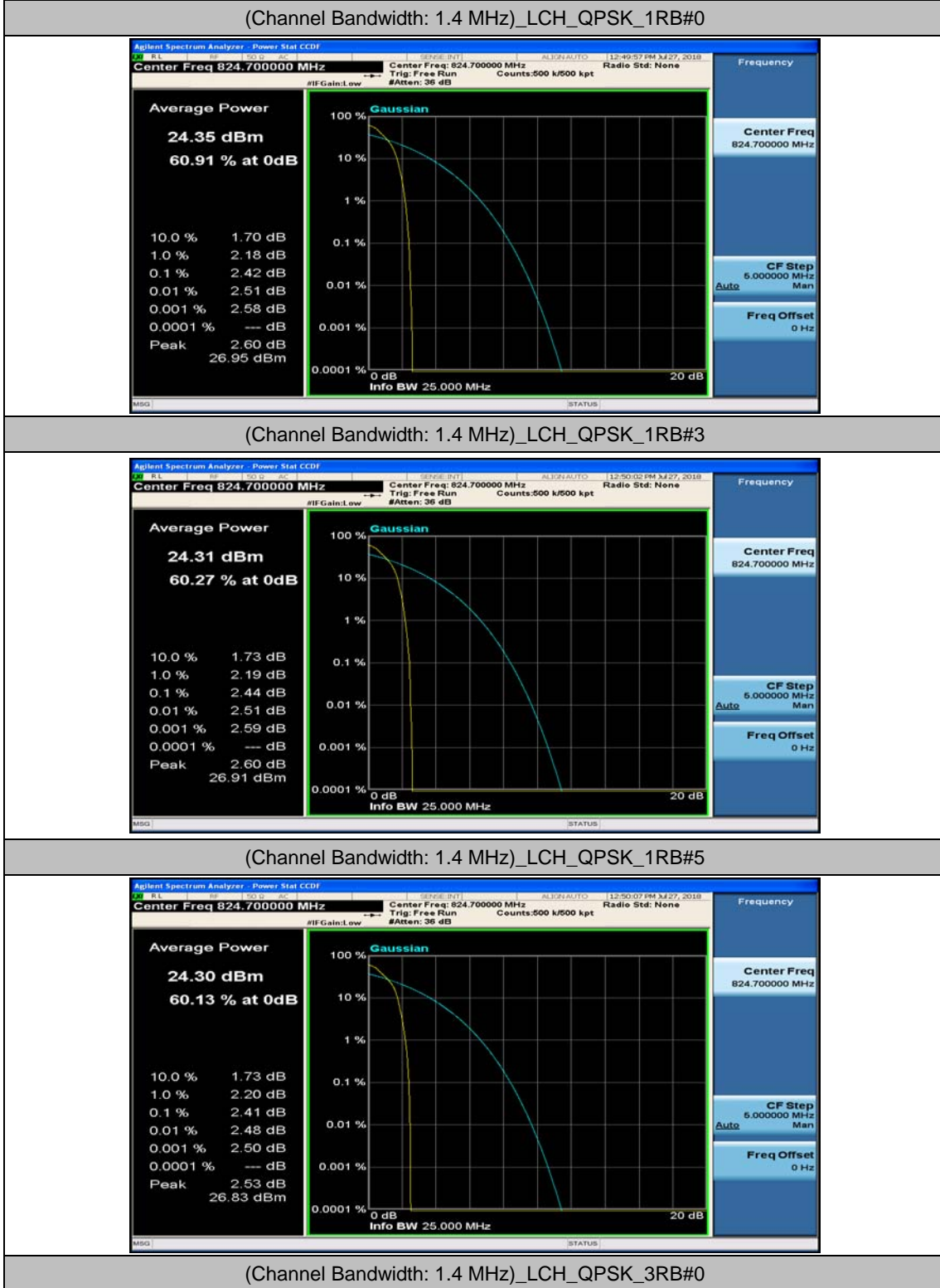
Channel Bandwidth: 10 MHz

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	3.16	<13	PASS
		1	49	3.93	<13	PASS
		25	0	3.68	<13	PASS
		25	12	4.07	<13	PASS
		25	25	4.61	<13	PASS
		50	0	4.22	<13	PASS
	MCH	1	0	3.59	<13	PASS
		1	24	3.92	<13	PASS
		1	49	3.53	<13	PASS
		25	0	4.95	<13	PASS
		25	12	4.95	<13	PASS
		25	25	4.75	<13	PASS
		50	0	4.90	<13	PASS
	HCH	1	0	3.74	<13	PASS

		1	24	3.60	<13	PASS
		1	49	4.03	<13	PASS
		25	0	4.57	<13	PASS
		25	12	4.64	<13	PASS
		25	25	4.84	<13	PASS
		50	0	4.83	<13	PASS
16QAM	LCH	1	0	3.40	<13	PASS
		1	24	3.97	<13	PASS
		1	49	4.74	<13	PASS
		25	0	4.59	<13	PASS
		25	12	4.95	<13	PASS
		25	25	5.49	<13	PASS
		50	0	5.05	<13	PASS
	MCH	1	0	4.6	<13	PASS
		1	24	4.88	<13	PASS
		1	49	4.54	<13	PASS
		25	0	5.82	<13	PASS
		25	12	5.86	<13	PASS
		25	25	5.6	<13	PASS
		50	0	5.75	<13	PASS
	HCH	1	0	4.59	<13	PASS
		1	24	4.52	<13	PASS
		1	49	5.09	<13	PASS
		25	0	5.44	<13	PASS
		25	12	5.5	<13	PASS
		25	25	5.67	<13	PASS
		50	0	5.63	<13	PASS

Test Graphs

Channel Bandwidth: 1.4 MHz





(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



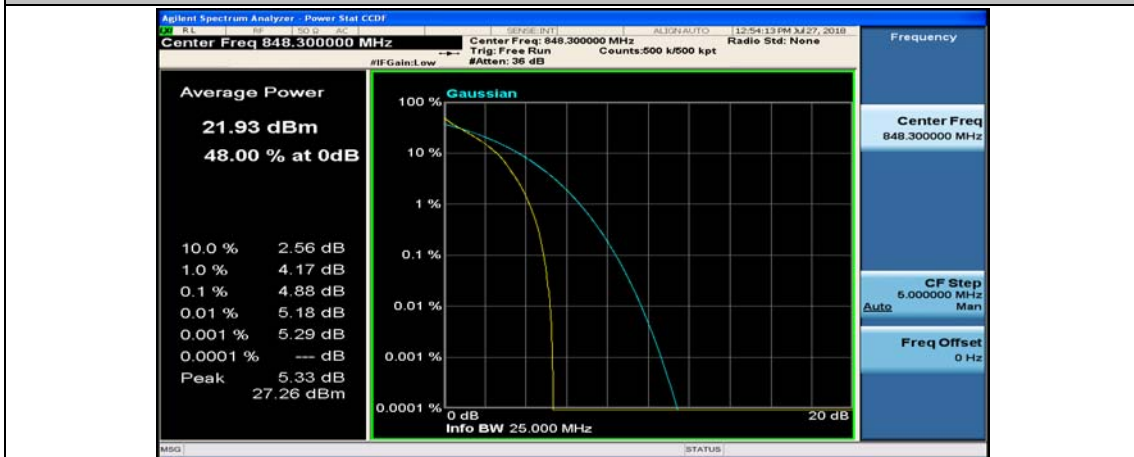
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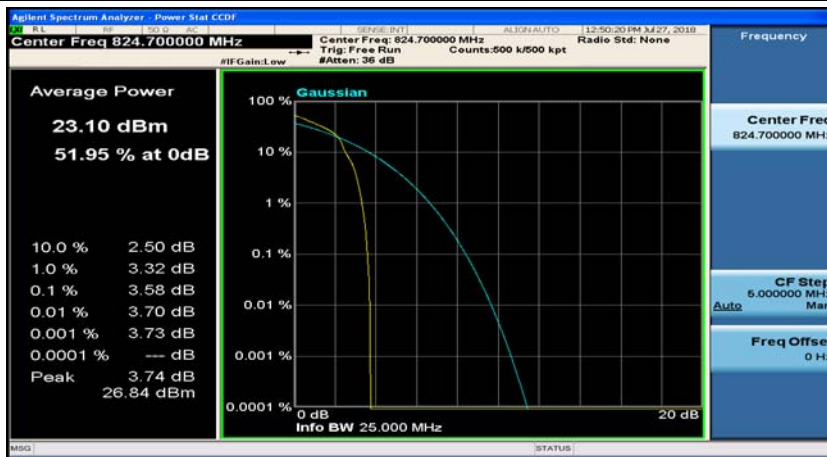
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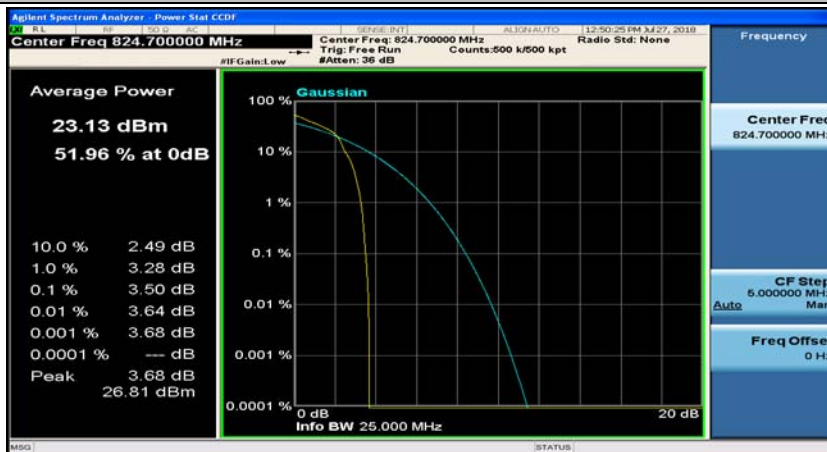
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(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



(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



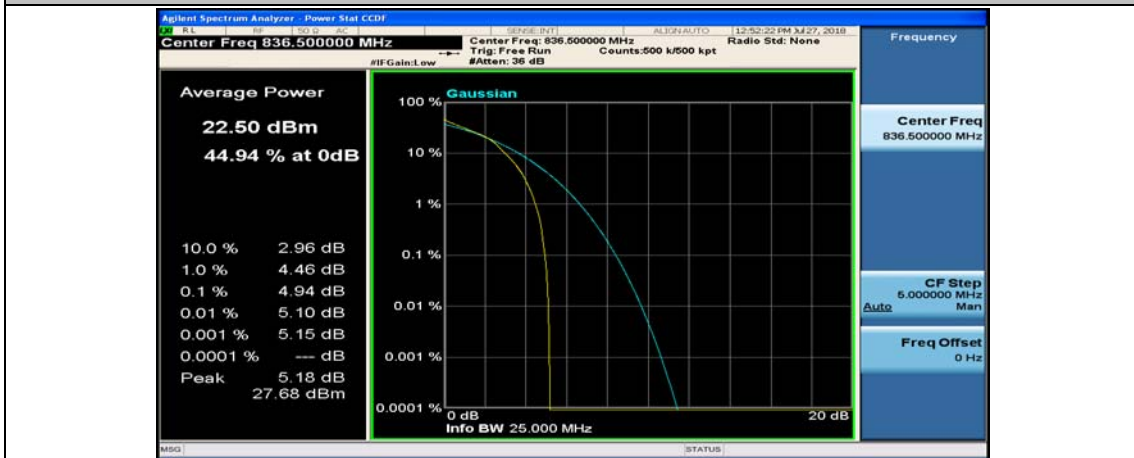
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(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



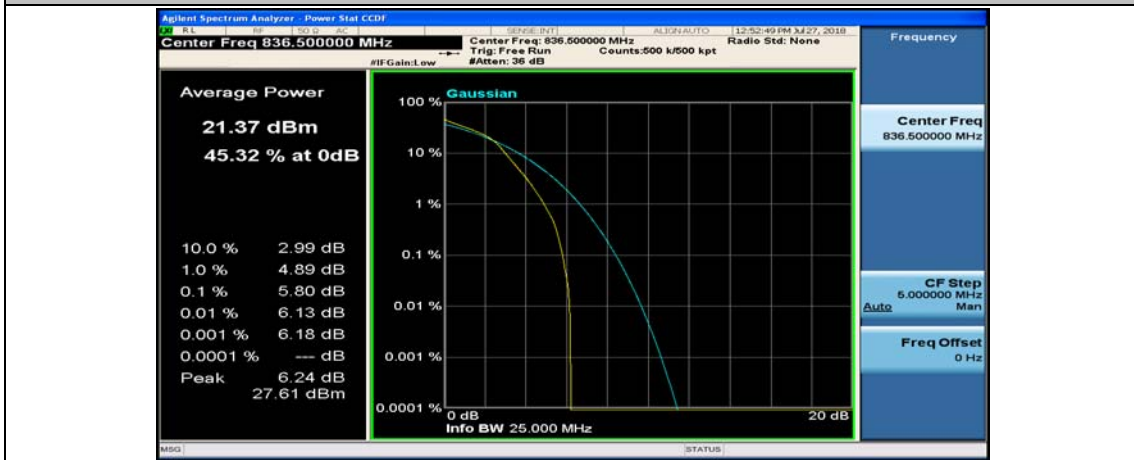
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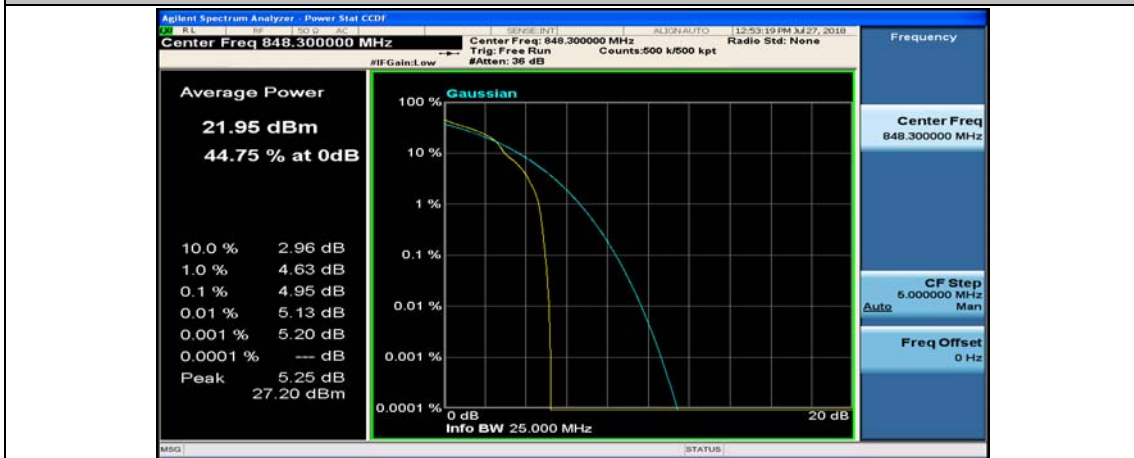
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(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



(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



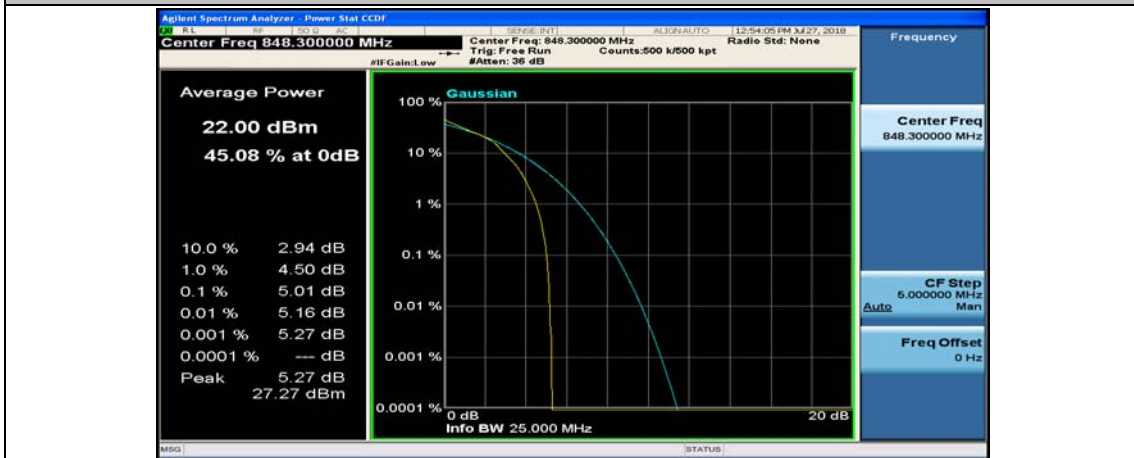
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(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



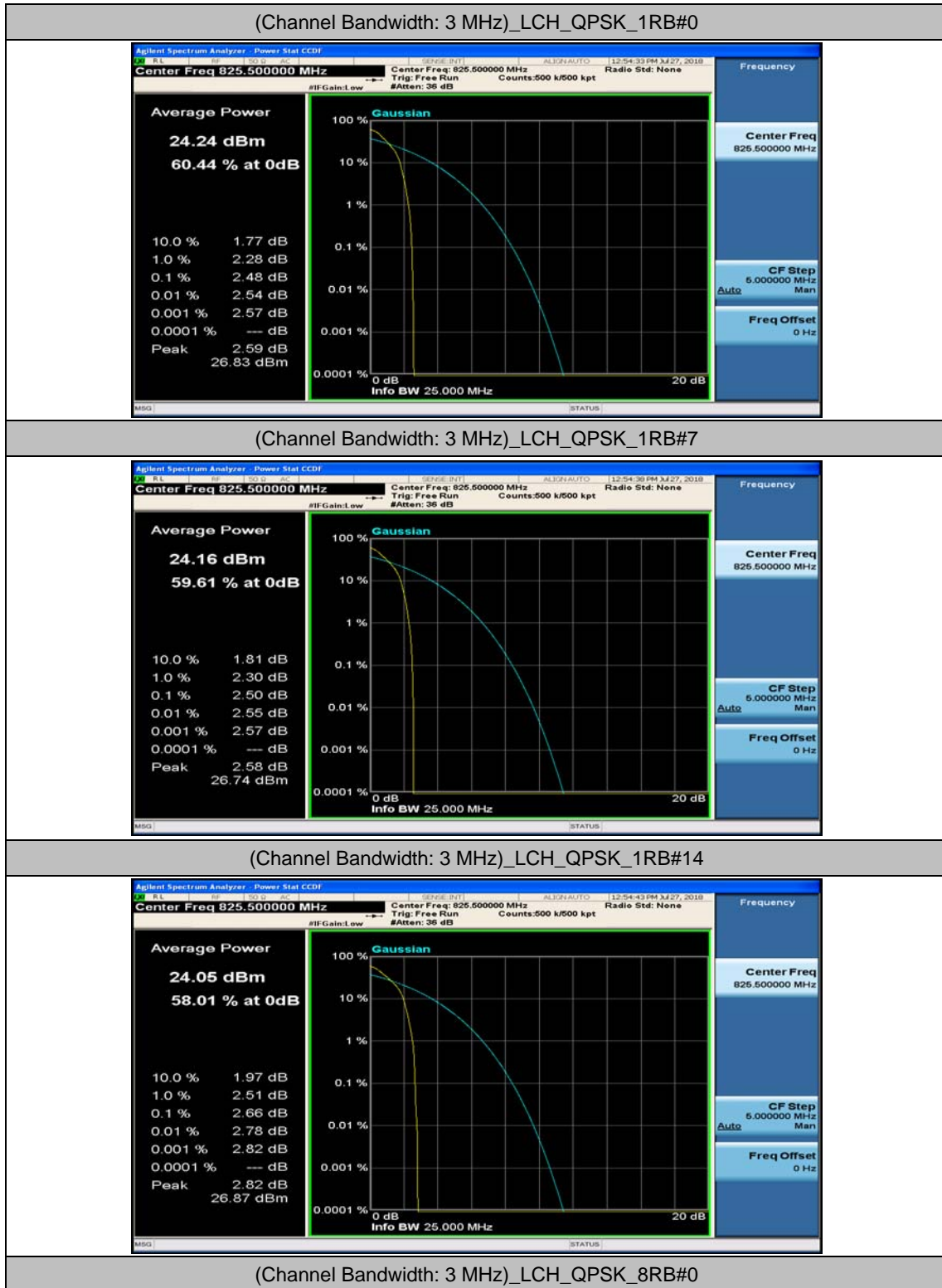
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(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

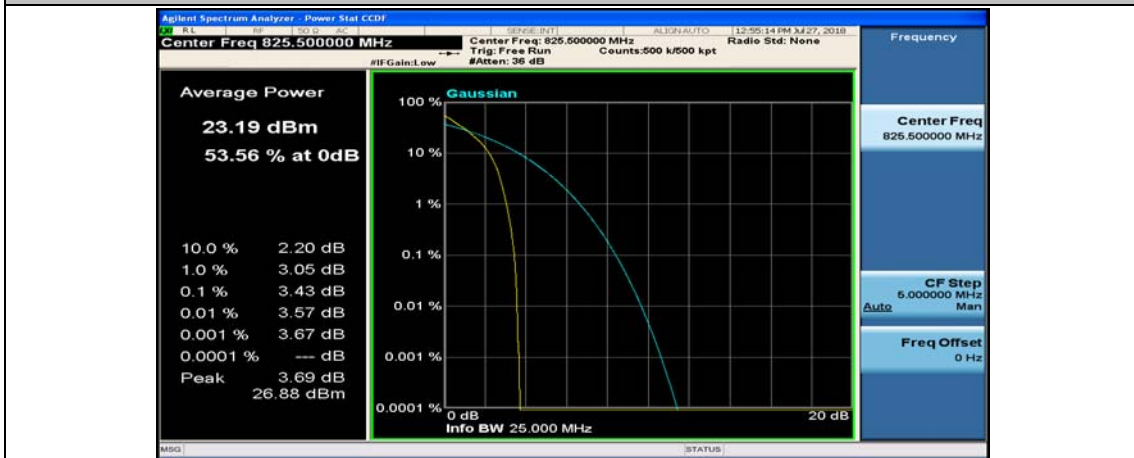


Channel Bandwidth: 3 MHz





(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4



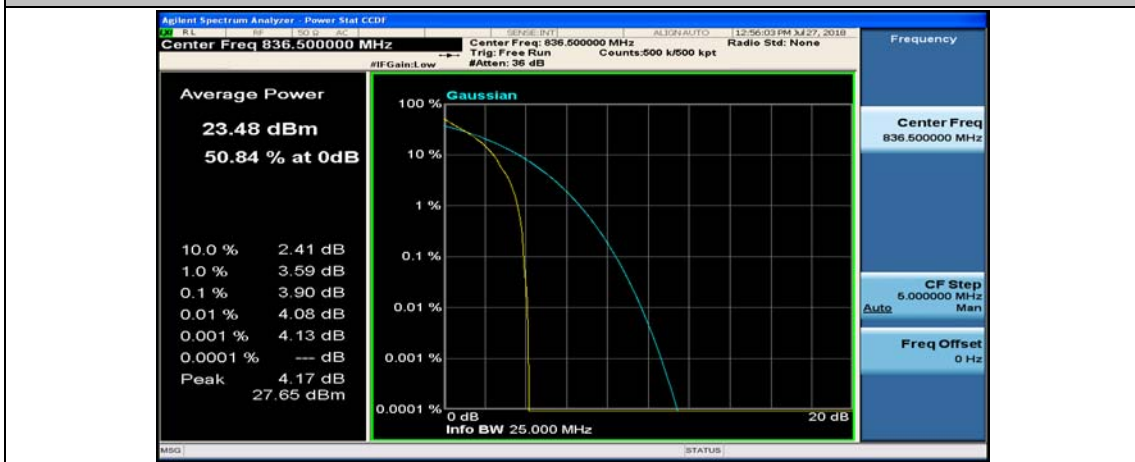
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(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



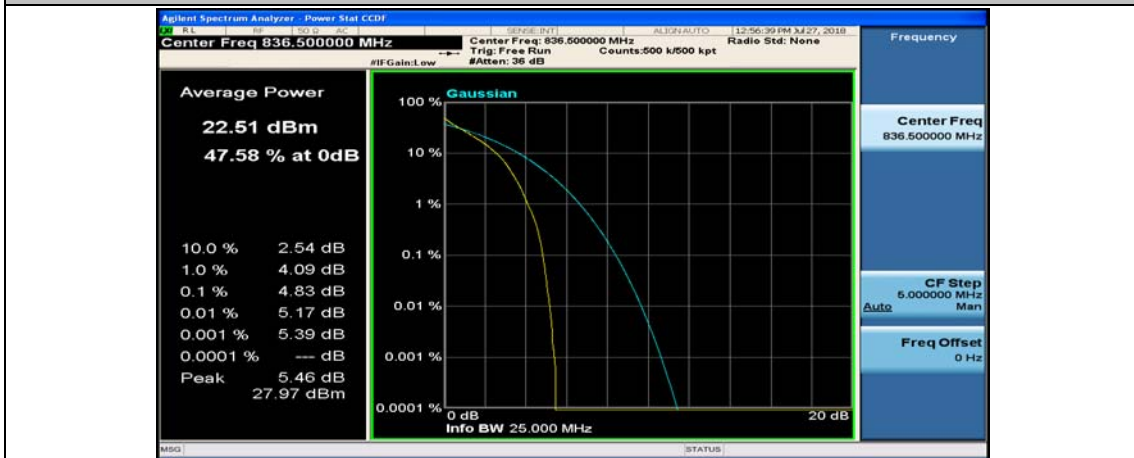
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(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#0



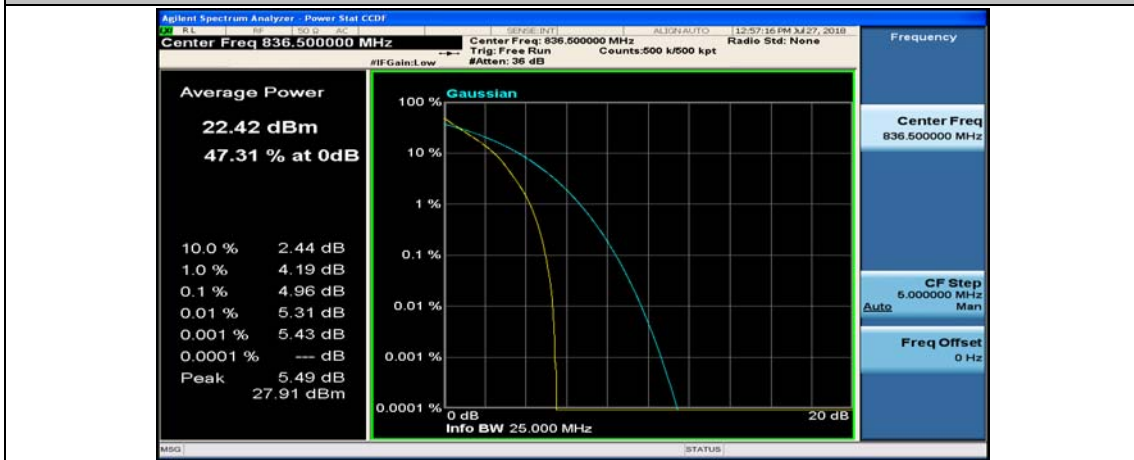
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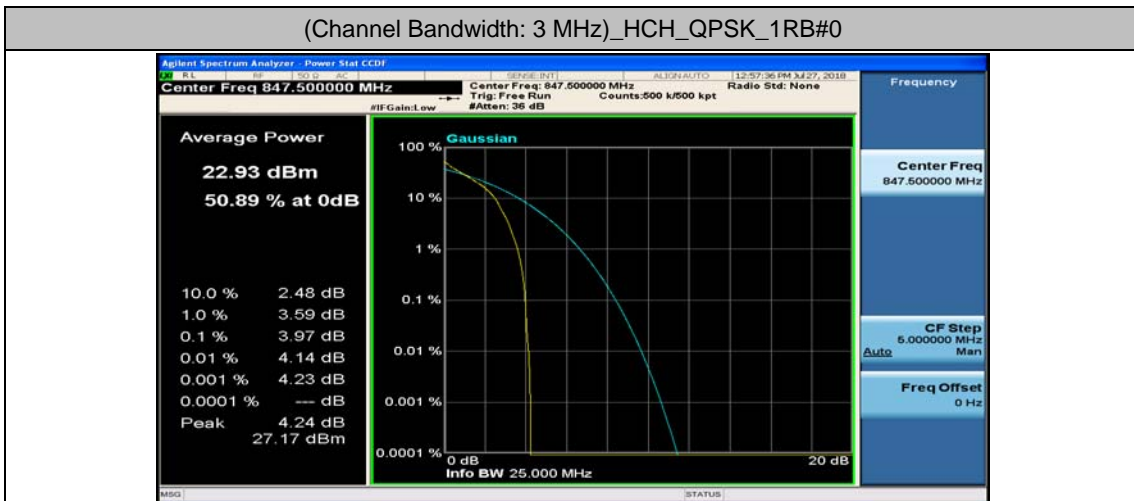
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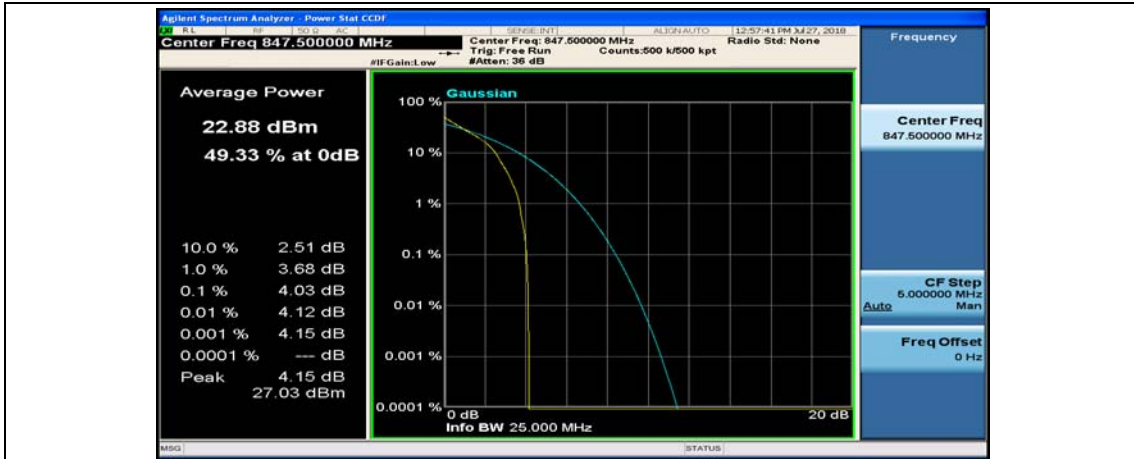
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(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4



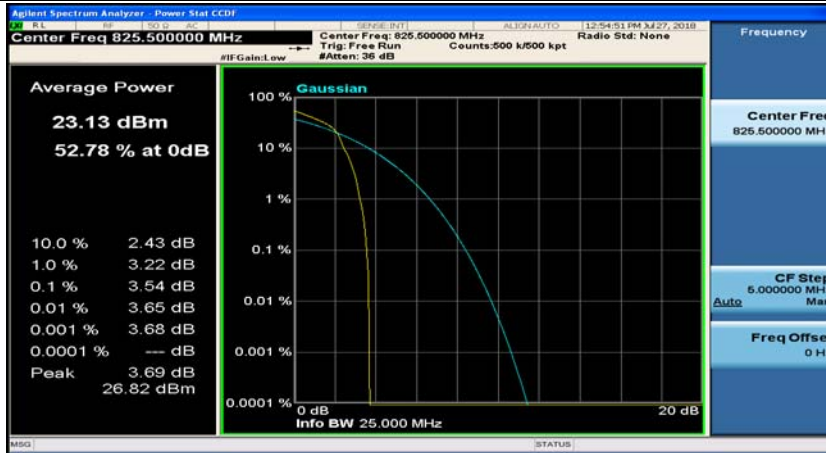
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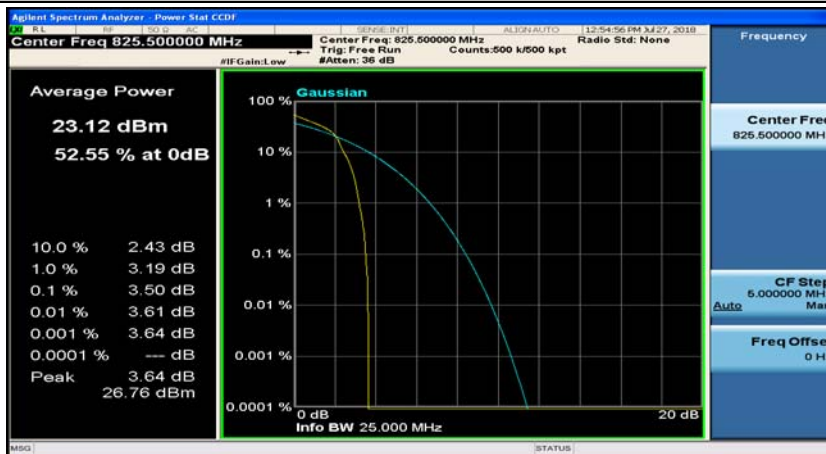
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(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7



(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7



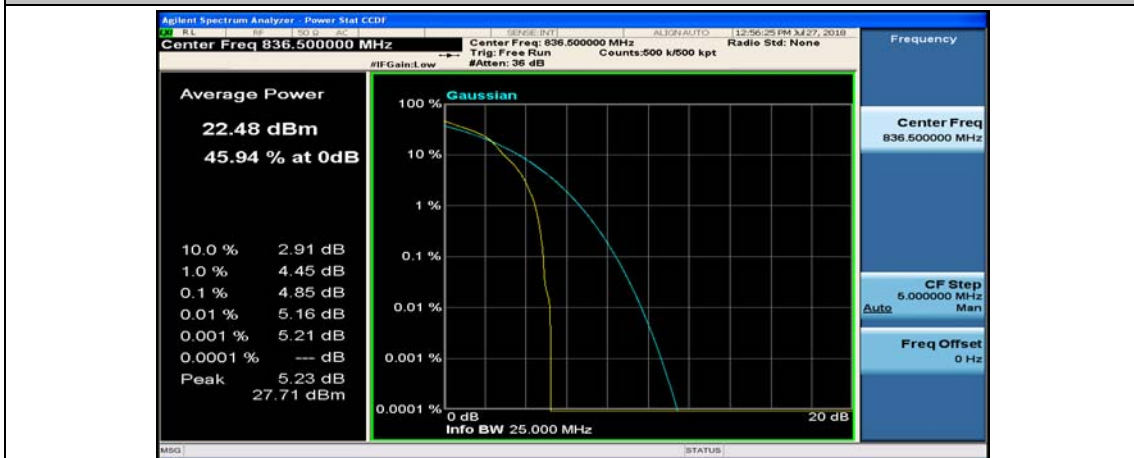
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7



(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#4



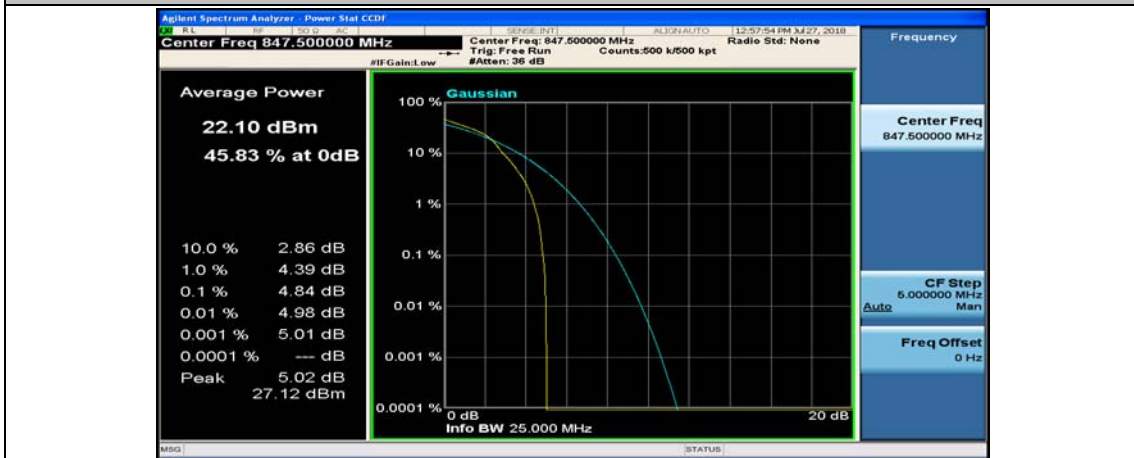
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#7



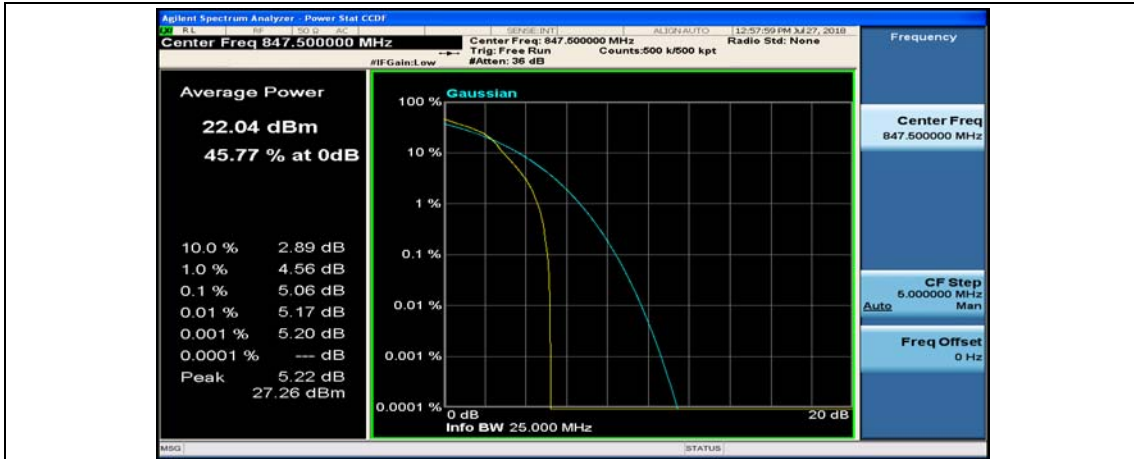
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



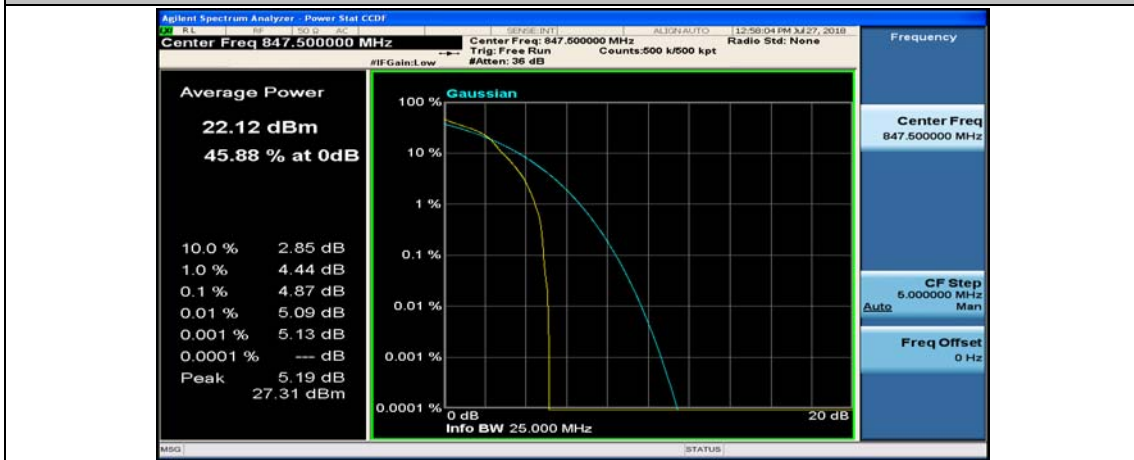
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4



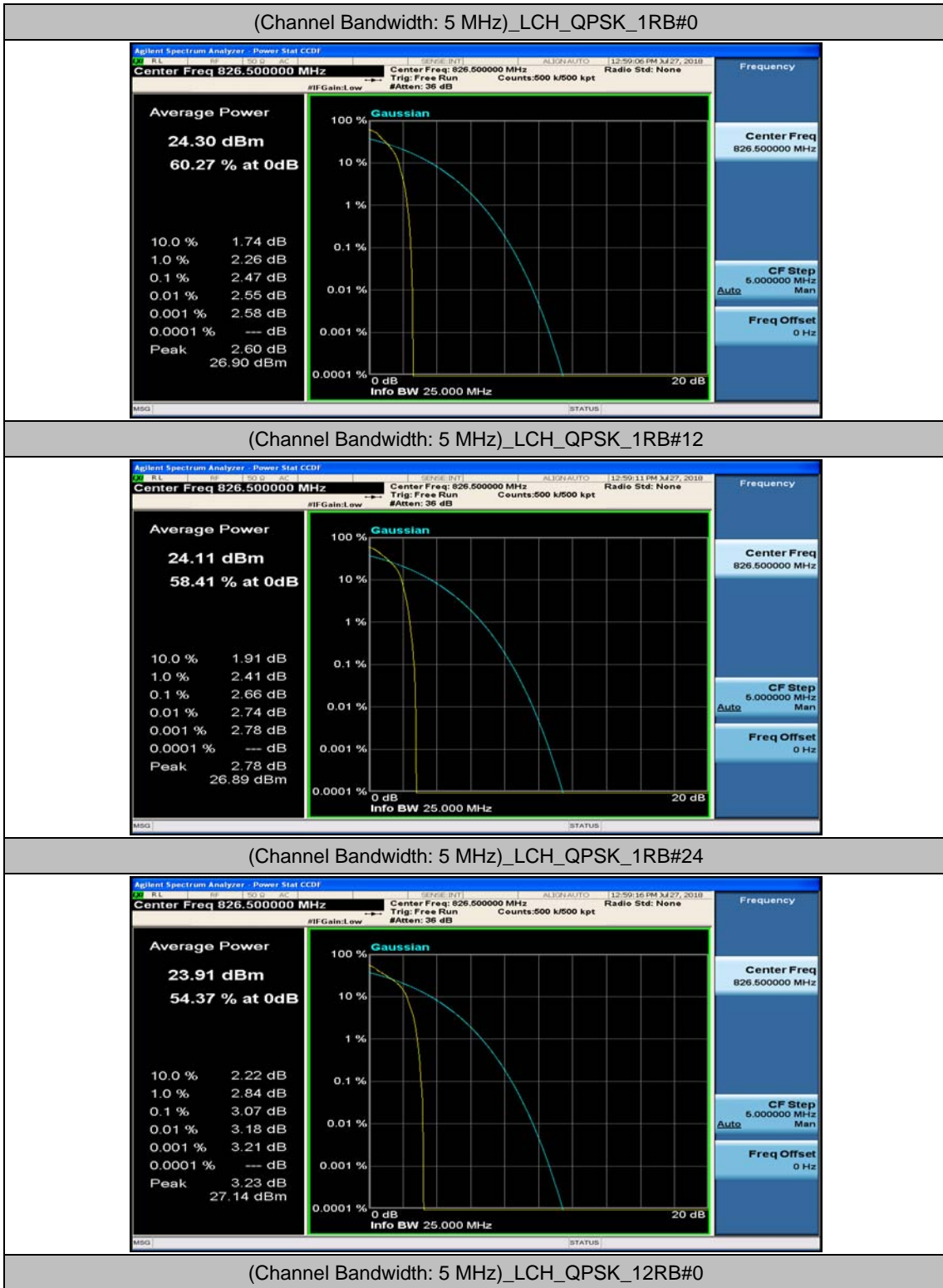
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7



(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

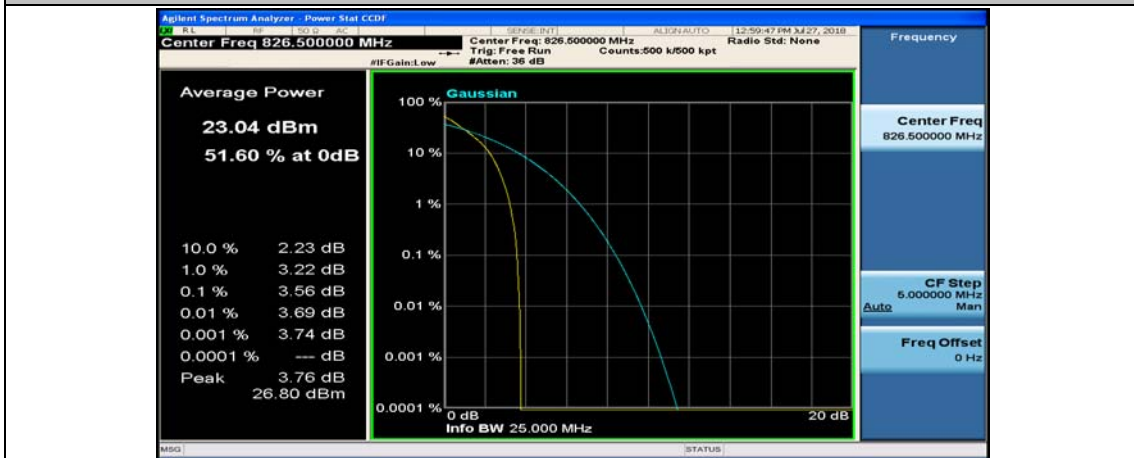


Channel Bandwidth: 5 MHz

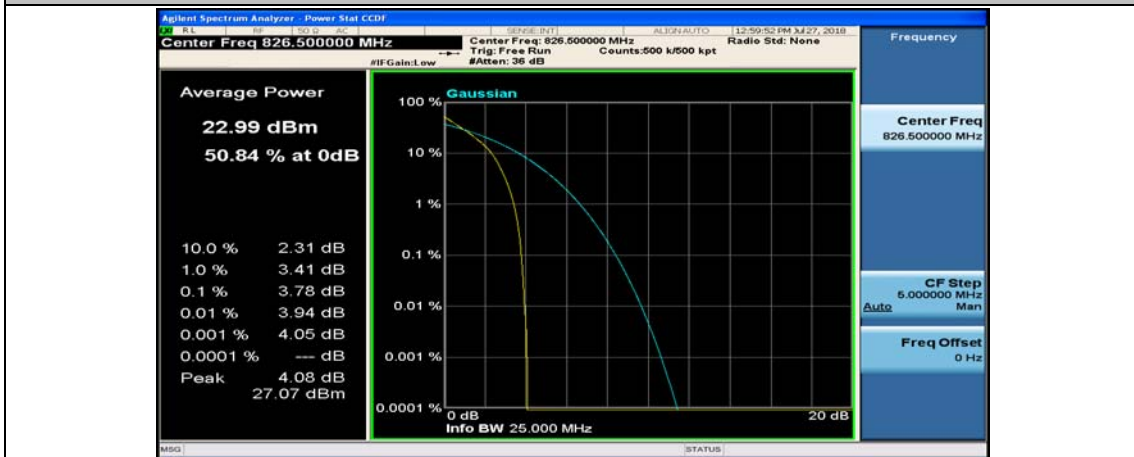




(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



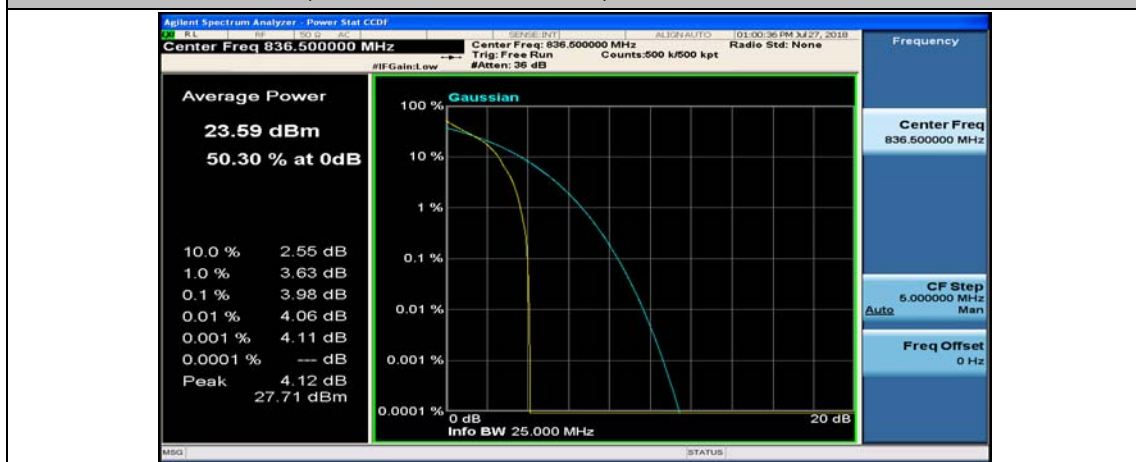
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



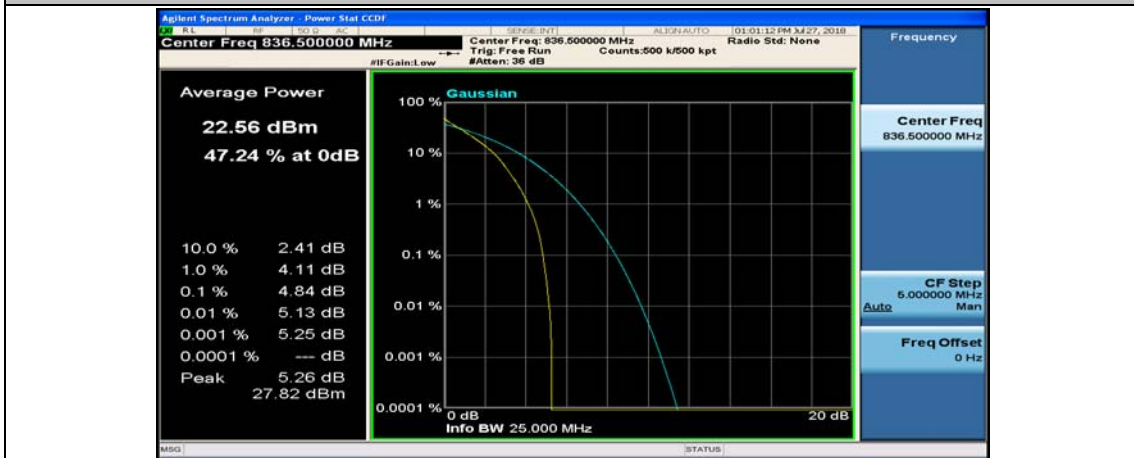
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



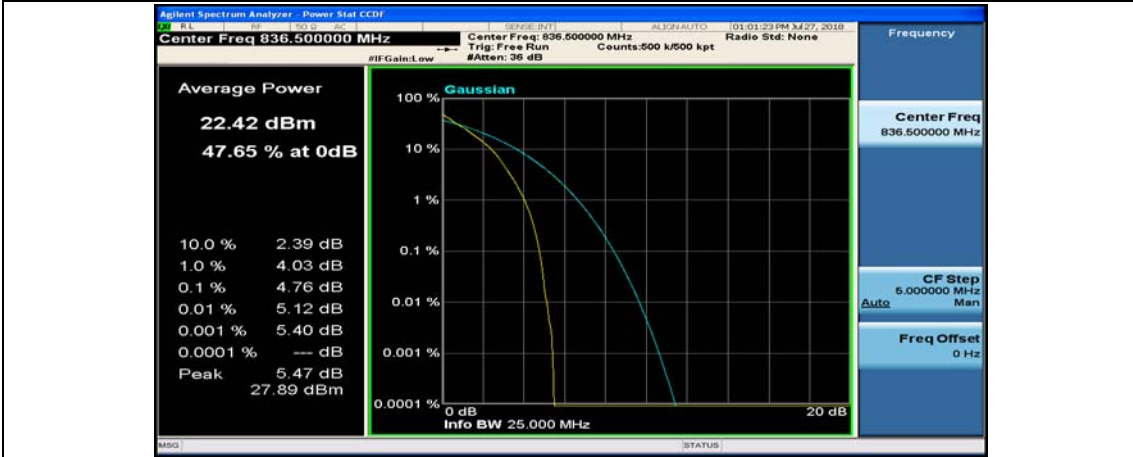
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



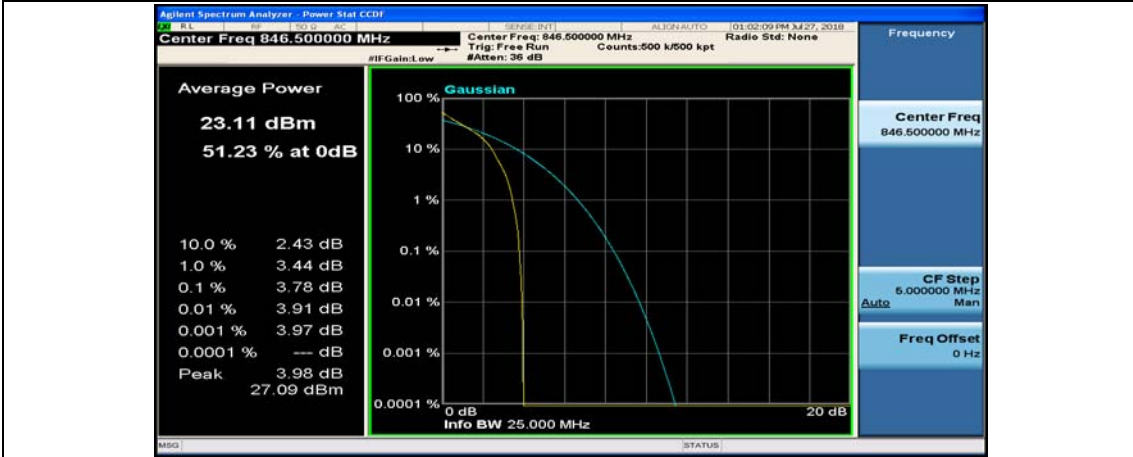
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



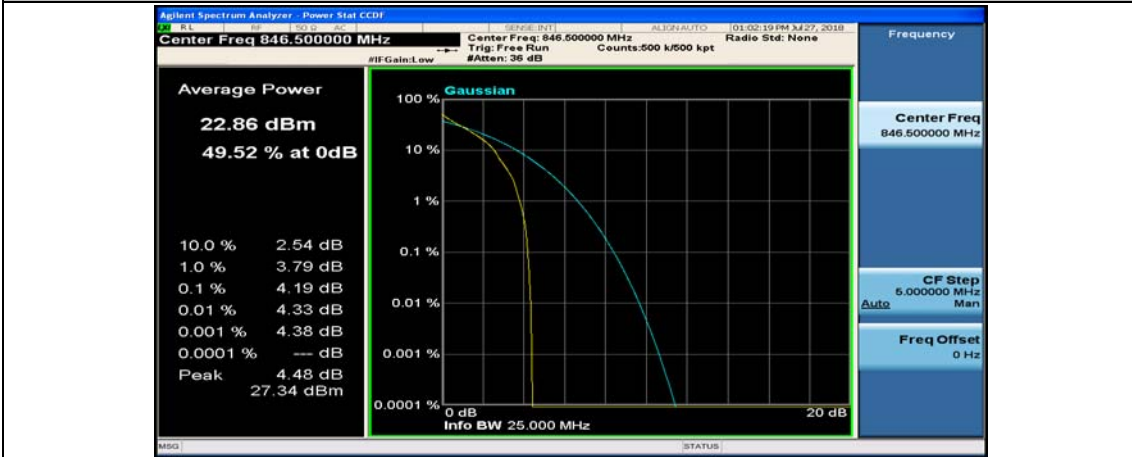
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



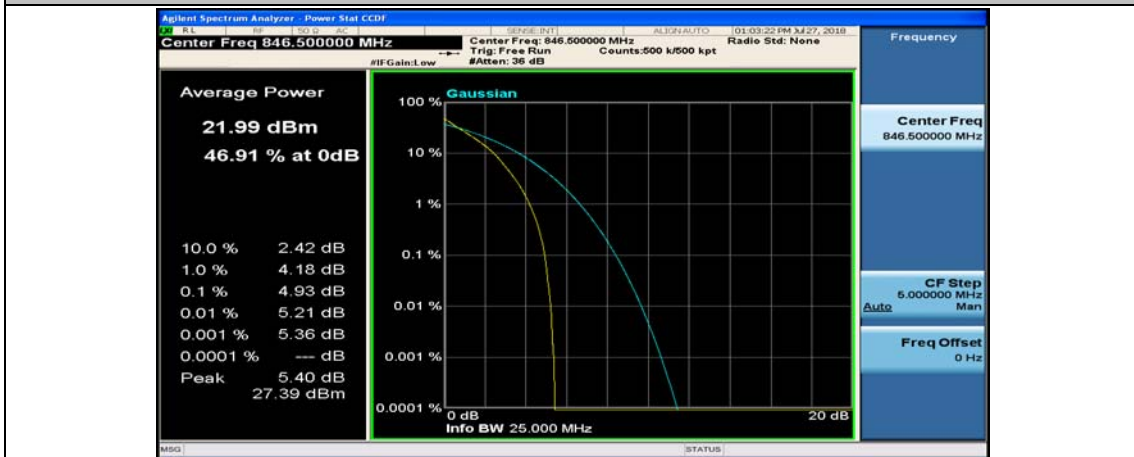
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



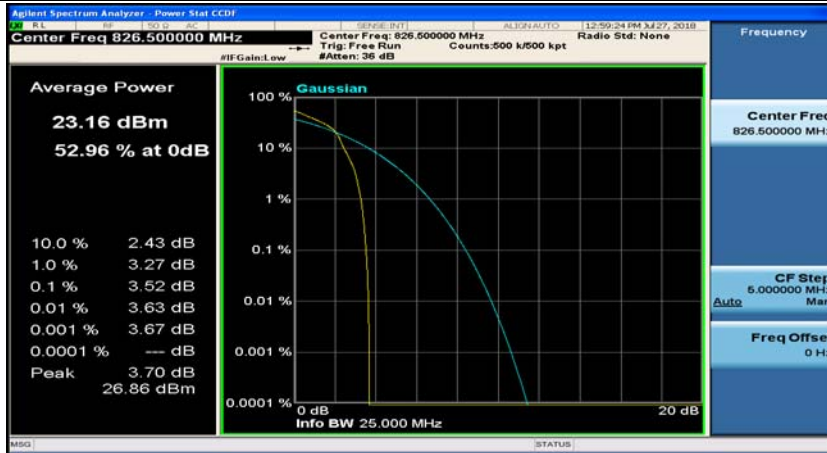
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



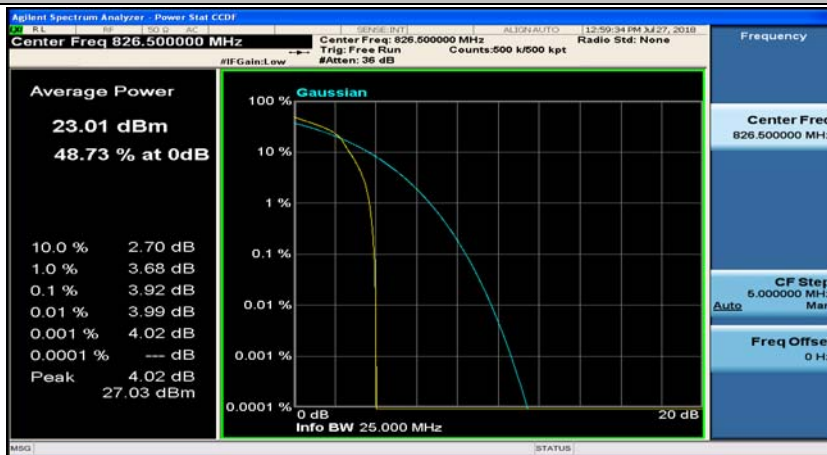
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



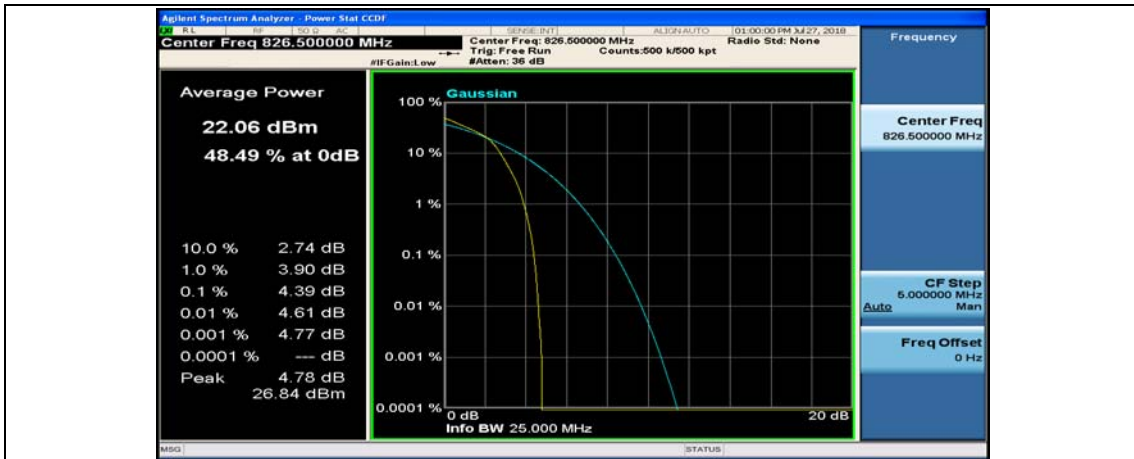
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



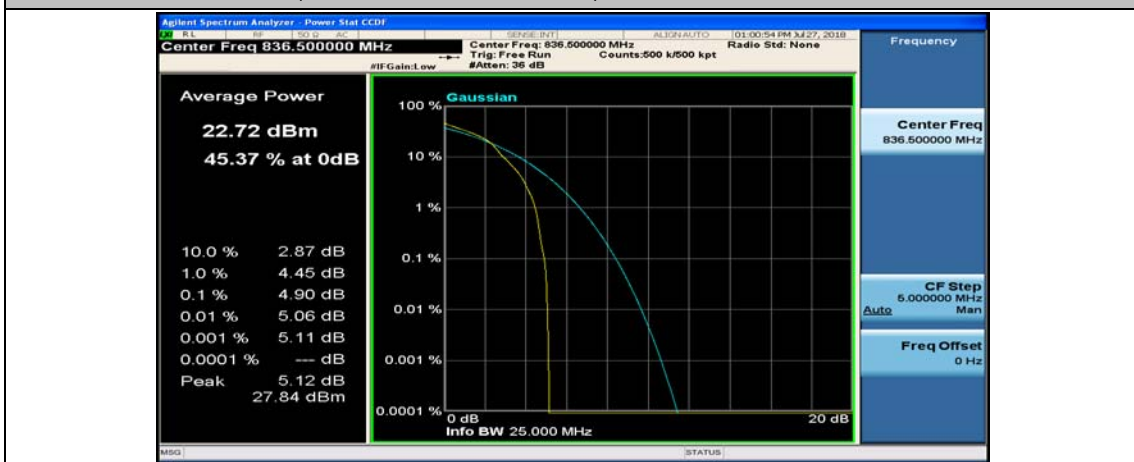
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



(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



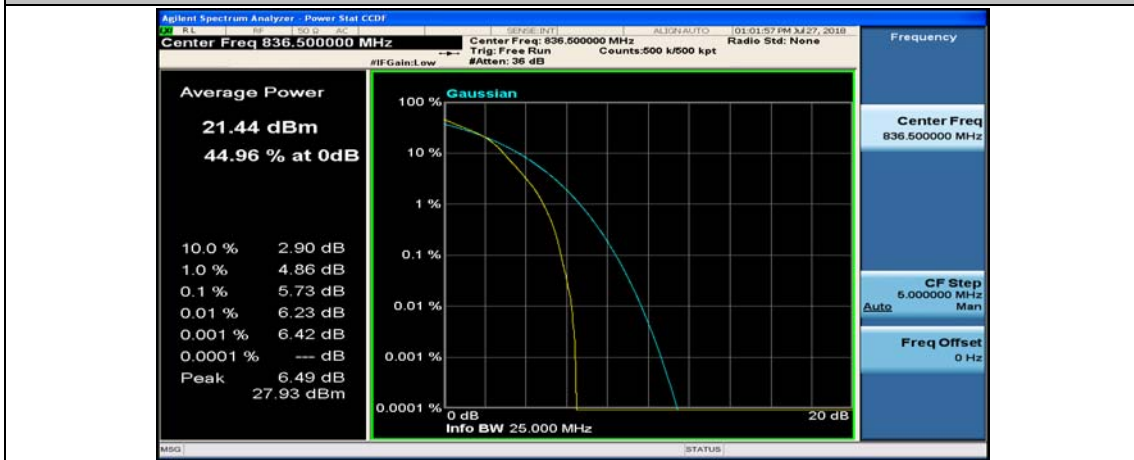
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



(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