

Appendix for Band 7

Appendix A: Average Power Output Data

Test Result

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.34	PASS
		1	12	24.23	PASS
		1	24	24.03	PASS
		12	0	23.28	PASS
		12	6	23.13	PASS
		12	13	23.10	PASS
		25	0	23.14	PASS
	MCH	1	0	23.02	PASS
		1	12	23.06	PASS
		1	24	22.97	PASS
		12	0	22.02	PASS
		12	6	22.01	PASS
		12	13	21.99	PASS
		25	0	21.95	PASS
	HCH	1	0	23.06	PASS
		1	12	23.25	PASS
		1	24	23.41	PASS
		12	0	24.07	PASS
		12	6	24.16	PASS
		12	13	24.27	PASS
		25	0	24.13	PASS
16QAM	LCH	1	0	23.36	PASS
		1	12	23.27	PASS
		1	24	23.02	PASS
		12	0	22.30	PASS
		12	6	22.23	PASS
		12	13	22.14	PASS
		25	0	22.23	PASS
	MCH	1	0	22.35	PASS
		1	12	22.39	PASS
		1	24	22.29	PASS
		12	0	21.15	PASS
		12	6	21.13	PASS

		12	13	21.11	PASS
		25	0	20.96	PASS
	HCH	1	0	24.00	PASS
		1	12	24.22	PASS
		1	24	24.29	PASS
		12	0	23.03	PASS
		12	6	23.14	PASS
		12	13	23.23	PASS
		25	0	23.11	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.40	PASS
		1	24	23.99	PASS
		1	49	23.65	PASS
		25	0	23.15	PASS
		25	12	22.91	PASS
		25	25	22.75	PASS
		50	0	22.93	PASS
	MCH	1	0	22.99	PASS
		1	24	22.93	PASS
		1	49	22.87	PASS
		25	0	21.95	PASS
		25	12	21.90	PASS
		25	25	21.86	PASS
		50	0	21.90	PASS
	HCH	1	0	24.47	PASS
		1	24	24.08	PASS
		1	49	23.36	PASS
		25	0	23.77	PASS
		25	12	23.98	PASS
		25	25	24.15	PASS
		50	0	23.93	PASS
16QAM	LCH	1	0	23.63	PASS
		1	24	23.16	PASS
		1	49	22.83	PASS
		25	0	22.12	PASS
		25	12	21.90	PASS
		25	25	21.73	PASS
		50	0	21.91	PASS
	MCH	1	0	22.26	PASS

		1	24	22.18	PASS
		1	49	22.14	PASS
		25	0	20.93	PASS
		25	12	20.89	PASS
		25	25	20.85	PASS
		50	0	20.89	PASS
	HCH	1	0	23.85	PASS
		1	24	24.30	PASS
		1	49	24.40	PASS
		25	0	22.73	PASS
		25	12	22.95	PASS
		25	25	23.13	PASS
		50	0	22.95	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict	
		Size	Offset			
QPSK	LCH	1	0	24.45	PASS	
		1	37	23.81	PASS	
		1	74	23.44	PASS	
		37	0	23.14	PASS	
		37	18	22.87	PASS	
		37	38	22.63	PASS	
		75	0	22.89	PASS	
	MCH	1	0	23.10	PASS	
		1	37	22.97	PASS	
		1	74	22.89	PASS	
		37	0	22.03	PASS	
		37	18	22.00	PASS	
		37	38	21.94	PASS	
		75	0	21.98	PASS	
	HCH	1	0	23.91	PASS	
		1	37	24.09	PASS	
		1	74	23.41	PASS	
		37	0	23.38	PASS	
		37	18	23.78	PASS	
		37	38	24.21	PASS	
		75	0	23.82	PASS	
	16QAM	LCH	1	0	23.66	PASS
			1	37	23.00	PASS
			1	74	22.65	PASS
37			0	22.08	PASS	

		37	18	21.81	PASS
		37	38	21.56	PASS
		75	0	21.85	PASS
	MCH	1	0	22.34	PASS
		1	37	22.24	PASS
		1	74	22.11	PASS
		37	0	20.99	PASS
		37	18	20.93	PASS
		37	38	20.89	PASS
		75	0	20.94	PASS
	HCH	1	0	23.18	PASS
		1	37	24.12	PASS
		1	74	24.58	PASS
		37	0	22.38	PASS
		37	18	22.76	PASS
		37	38	23.15	PASS
		75	0	22.78	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.58	PASS
		1	49	23.76	PASS
		1	99	23.44	PASS
		50	0	22.98	PASS
		50	25	22.59	PASS
		50	50	22.42	PASS
		100	0	22.69	PASS
	MCH	1	0	24.28	PASS
		1	49	23.07	PASS
		1	99	23.09	PASS
		50	0	22.06	PASS
		50	25	21.93	PASS
		50	50	21.89	PASS
		100	0	21.96	PASS
	HCH	1	0	24.75	PASS
		1	49	24.50	PASS
		1	99	23.53	PASS
		50	0	22.93	PASS
		50	25	23.48	PASS
		50	50	23.98	PASS
		100	0	23.51	PASS

16QAM	LCH	1	0	23.73	PASS
		1	49	22.83	PASS
		1	99	22.59	PASS
		50	0	21.92	PASS
		50	25	21.57	PASS
		50	50	21.37	PASS
		100	0	21.66	PASS
	MCH	1	0	22.46	PASS
		1	49	22.19	PASS
		1	99	22.27	PASS
		50	0	21.01	PASS
		50	25	20.90	PASS
		50	50	20.85	PASS
		100	0	20.93	PASS
	HCH	1	0	22.84	PASS
		1	49	23.79	PASS
		1	99	23.55	PASS
		50	0	21.94	PASS
		50	25	22.48	PASS
		50	50	22.97	PASS
		100	0	22.47	PASS

Appendix B: Peak-to-Average Ratio

Test Result

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	4.44	<13	PASS
		1	12	4.42	<13	PASS
		1	24	4.39	<13	PASS
		12	0	5.13	<13	PASS
		12	6	5.01	<13	PASS
		12	13	5	<13	PASS
		25	0	5.29	<13	PASS
	MCH	1	0	5.08	<13	PASS
		1	12	5.07	<13	PASS
		1	24	5.04	<13	PASS
		12	0	5.4	<13	PASS
		12	6	5.29	<13	PASS
		12	13	5.31	<13	PASS
		25	0	5.48	<13	PASS
	HCH	1	0	4.24	<13	PASS
		1	12	3.76	<13	PASS
		1	24	3.35	<13	PASS
		12	0	4.88	<13	PASS
		12	6	4.66	<13	PASS
		12	13	4.58	<13	PASS
		25	0	5.07	<13	PASS
16QAM	LCH	1	0	5.3	<13	PASS
		1	12	5.31	<13	PASS
		1	24	5.24	<13	PASS
		12	0	5.82	<13	PASS
		12	6	5.79	<13	PASS
		12	13	5.74	<13	PASS
		25	0	6	<13	PASS
	MCH	1	0	5.79	<13	PASS
		1	12	5.71	<13	PASS
		1	24	5.77	<13	PASS
		12	0	6.15	<13	PASS
		12	6	6.17	<13	PASS

		12	13	6.1	<13	PASS
		25	0	6.14	<13	PASS
	HCH	1	0	5.27	<13	PASS
		1	12	4.9	<13	PASS
		1	24	4.46	<13	PASS
		12	0	5.64	<13	PASS
		12	6	5.5	<13	PASS
		12	13	5.39	<13	PASS
		25	0	5.79	<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	4.64	<13	PASS
		1	24	4.51	<13	PASS
		1	49	4.44	<13	PASS
		25	0	5.06	<13	PASS
		25	12	5.04	<13	PASS
		25	25	5.07	<13	PASS
		50	0	5.19	<13	PASS
	MCH	1	0	5.06	<13	PASS
		1	24	5.08	<13	PASS
		1	49	4.94	<13	PASS
		25	0	5.37	<13	PASS
		25	12	5.35	<13	PASS
		25	25	5.31	<13	PASS
		50	0	5.45	<13	PASS
	HCH	1	0	4.47	<13	PASS
		1	24	4.2	<13	PASS
		1	49	3.27	<13	PASS
		25	0	5.31	<13	PASS
		25	12	5.1	<13	PASS
		25	25	4.95	<13	PASS
		50	0	5.29	<13	PASS
16QAM	LCH	1	0	5.66	<13	PASS
		1	24	5.56	<13	PASS
		1	49	5.44	<13	PASS
		25	0	5.85	<13	PASS
		25	12	5.82	<13	PASS
		25	25	5.82	<13	PASS

	MCH	50	0	5.89	<13	PASS
		1	0	5.82	<13	PASS
		1	24	5.81	<13	PASS
		1	49	5.68	<13	PASS
		25	0	6.13	<13	PASS
		25	12	6.15	<13	PASS
		25	25	6.07	<13	PASS
		50	0	6.13	<13	PASS
	HCH	1	0	5.44	<13	PASS
		1	24	5.16	<13	PASS
		1	49	4.35	<13	PASS
		25	0	6.05	<13	PASS
		25	12	5.85	<13	PASS
		25	25	5.75	<13	PASS
		50	0	5.97	<13	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	9.69	<13	PASS
		1	37	4.57	<13	PASS
		1	74	9.41	<13	PASS
		37	0	4.51	<13	PASS
		37	18	5.09	<13	PASS
		37	38	4.58	<13	PASS
		75	0	4.86	<13	PASS
	MCH	1	0	9.9	<13	PASS
		1	37	5.11	<13	PASS
		1	74	9.2	<13	PASS
		37	0	4.67	<13	PASS
		37	18	5.43	<13	PASS
		37	38	4.71	<13	PASS
		75	0	4.95	<13	PASS
	HCH	1	0	9.4	<13	PASS
		1	37	4.69	<13	PASS
		1	74	9.36	<13	PASS
		37	0	4.75	<13	PASS
		37	18	5.3	<13	PASS
		37	38	4.59	<13	PASS
		75	0	4.92	<13	PASS

16QAM	LCH	1	0	9.45	<13	PASS
		1	37	5.38	<13	PASS
		1	74	9.44	<13	PASS
		37	0	5.66	<13	PASS
		37	18	5.82	<13	PASS
		37	38	5.76	<13	PASS
		75	0	5.97	<13	PASS
	MCH	1	0	10.13	<13	PASS
		1	37	5.9	<13	PASS
		1	74	9.29	<13	PASS
		37	0	5.83	<13	PASS
		37	18	6.14	<13	PASS
		37	38	5.91	<13	PASS
		75	0	6.15	<13	PASS
	HCH	1	0	9.66	<13	PASS
		1	37	5.57	<13	PASS
		1	74	10.26	<13	PASS
		37	0	5.89	<13	PASS
		37	18	6.13	<13	PASS
		37	38	5.79	<13	PASS
		75	0	6.12	<13	PASS

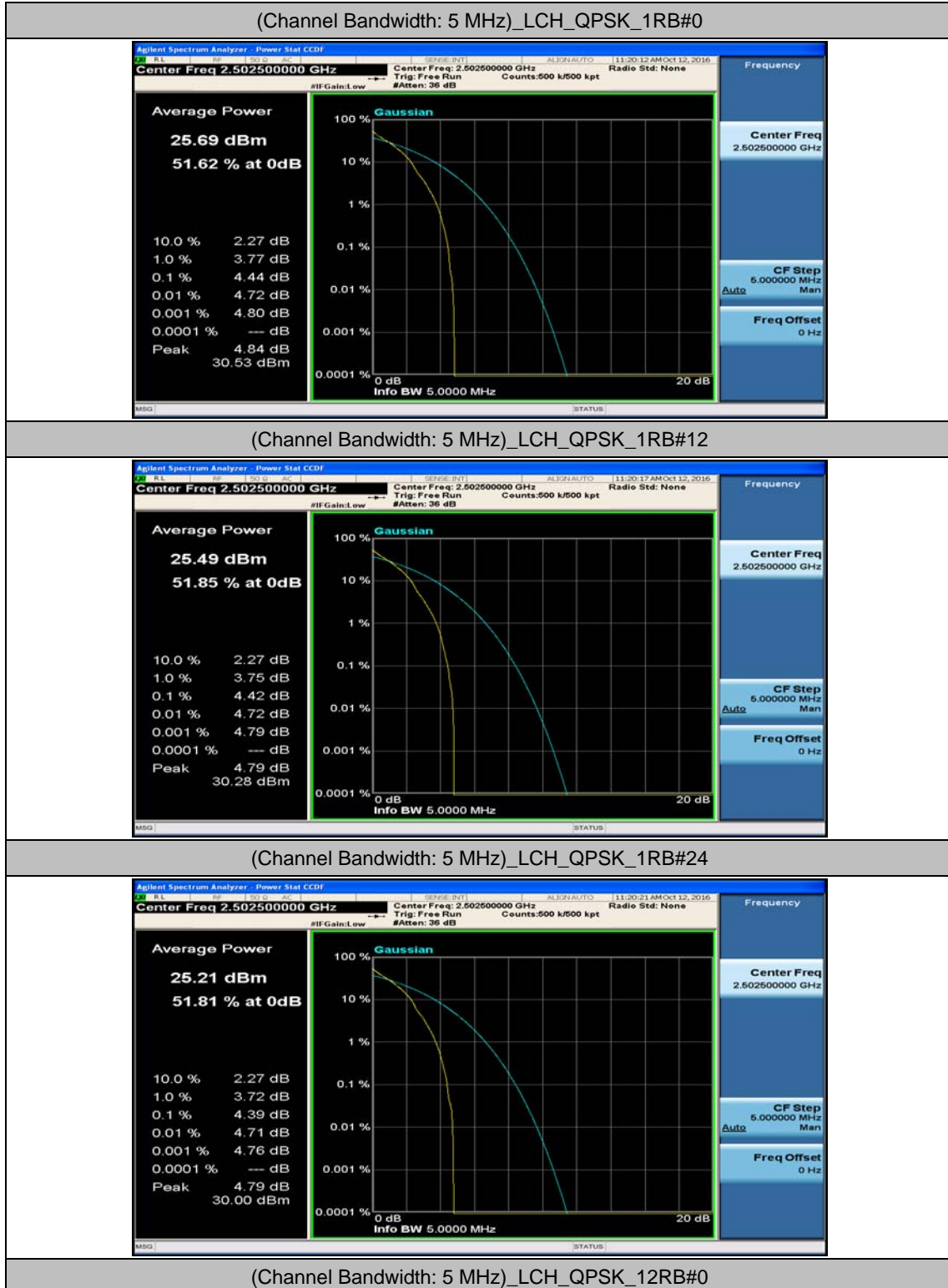
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	6.56	<13	PASS
		1	49	4.29	<13	PASS
		1	99	6.65	<13	PASS
		50	0	5.3	<13	PASS
		50	25	5.22	<13	PASS
		50	50	5.62	<13	PASS
		100	0	5.74	<13	PASS
	MCH	1	0	6.25	<13	PASS
		1	49	4.98	<13	PASS
		1	99	6.23	<13	PASS
		50	0	5.5	<13	PASS
		50	25	5.5	<13	PASS
		50	50	5.73	<13	PASS
		100	0	5.71	<13	PASS
	HCH	1	0	6.32	<13	PASS

		1	49	4.76	<13	PASS
		1	99	6.39	<13	PASS
		50	0	5.55	<13	PASS
		50	25	5.5	<13	PASS
		50	50	5.78	<13	PASS
		100	0	5.81	<13	PASS
16QAM	LCH	1	0	6.84	<13	PASS
		1	49	5.35	<13	PASS
		1	99	6.66	<13	PASS
		50	0	6.28	<13	PASS
		50	25	5.92	<13	PASS
		50	50	6.41	<13	PASS
		100	0	6.57	<13	PASS
	MCH	1	0	6.65	<13	PASS
		1	49	5.76	<13	PASS
		1	99	7.21	<13	PASS
		50	0	6.42	<13	PASS
		50	25	6.17	<13	PASS
		50	50	6.48	<13	PASS
		100	0	6.67	<13	PASS
	HCH	1	0	6.74	<13	PASS
		1	49	5.51	<13	PASS
		1	99	7.31	<13	PASS
		50	0	6.44	<13	PASS
		50	25	6.18	<13	PASS
		50	50	6.52	<13	PASS
		100	0	6.62	<13	PASS

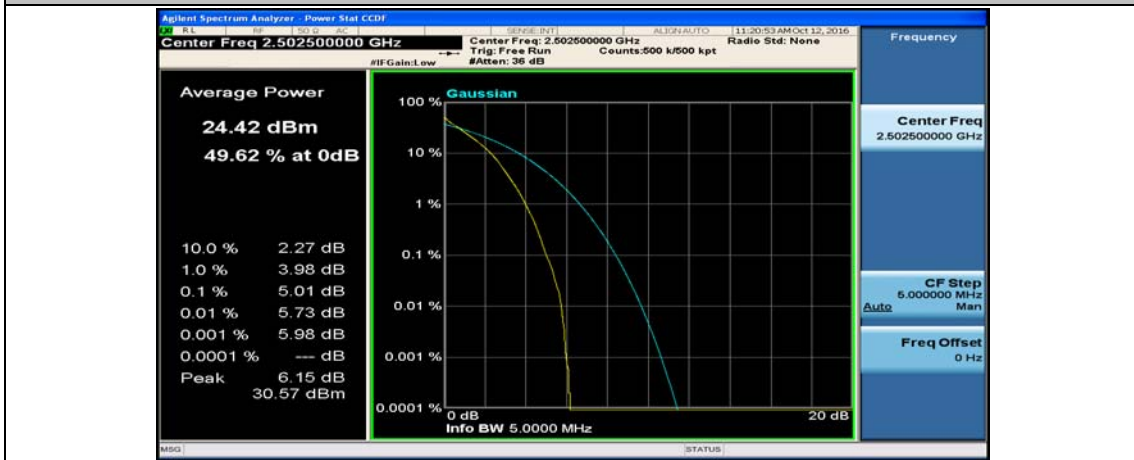
Test Graphs

Channel Bandwidth: 5 MHz

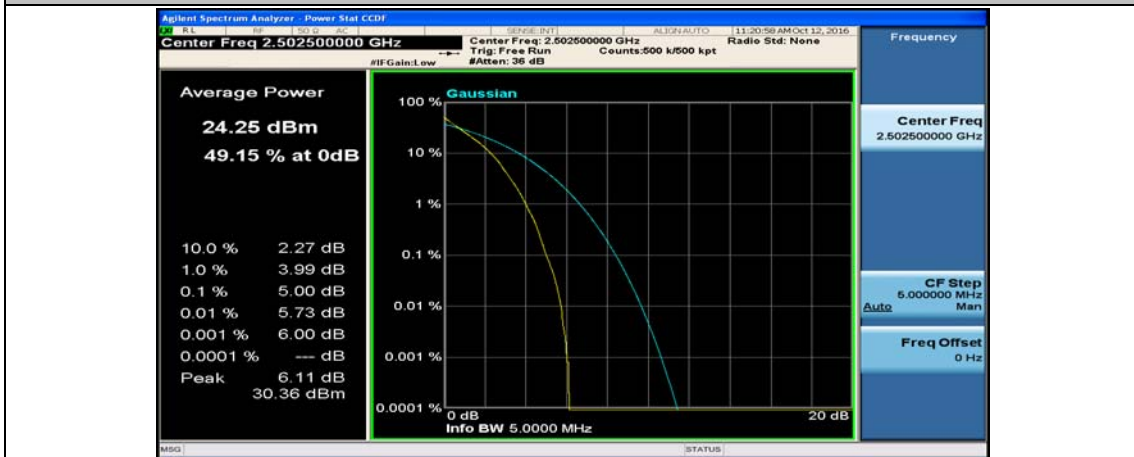




(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



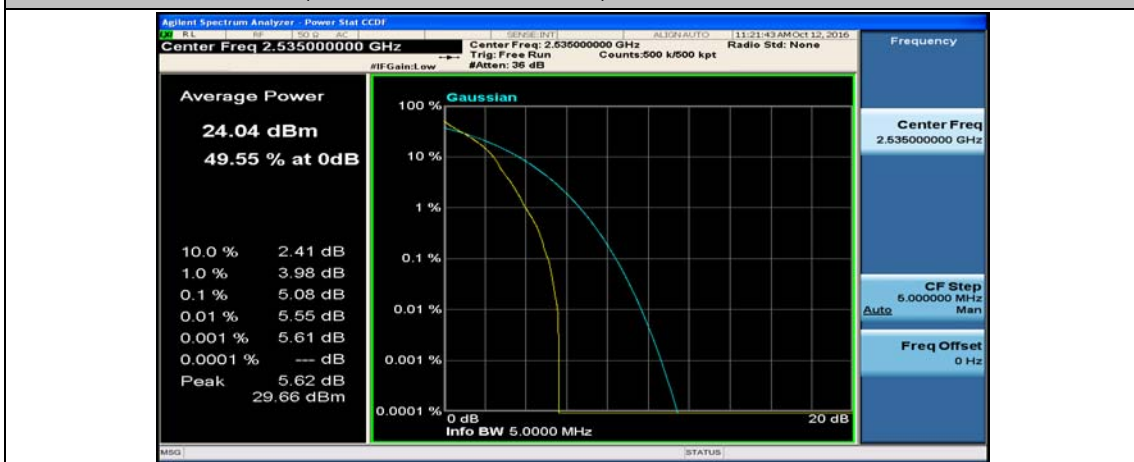
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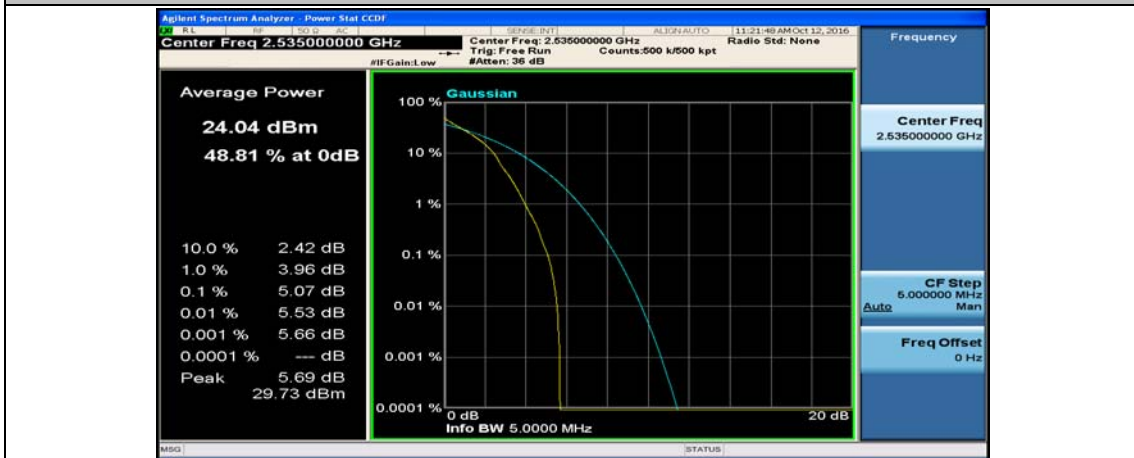
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(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



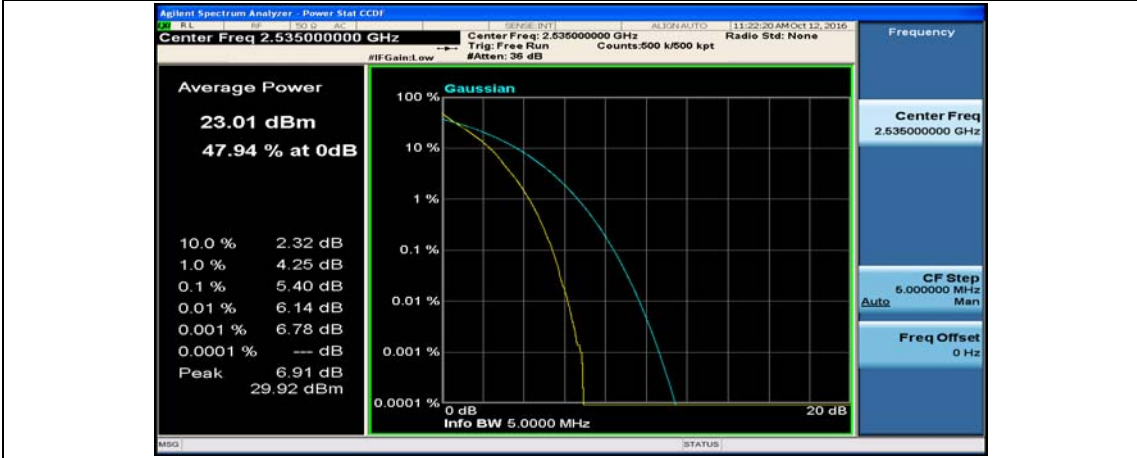
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(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



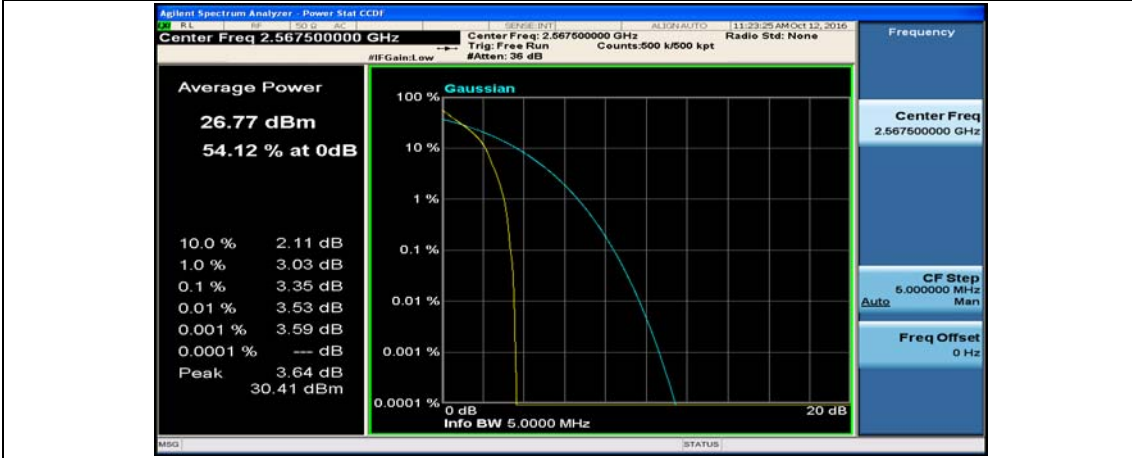
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



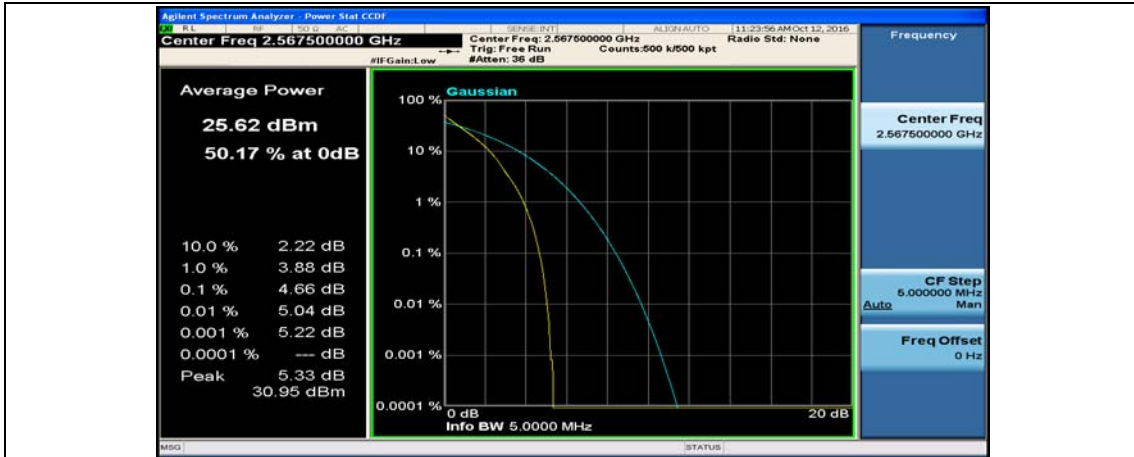
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



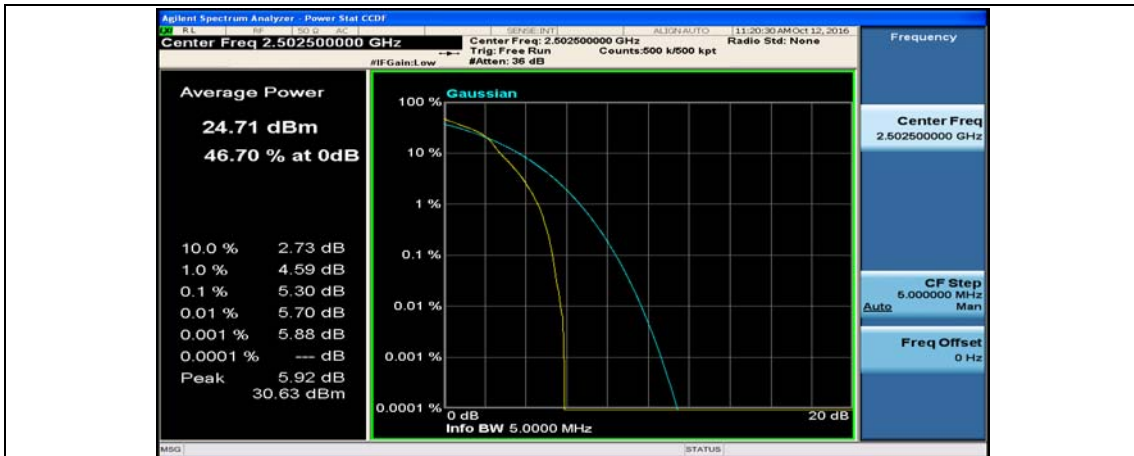
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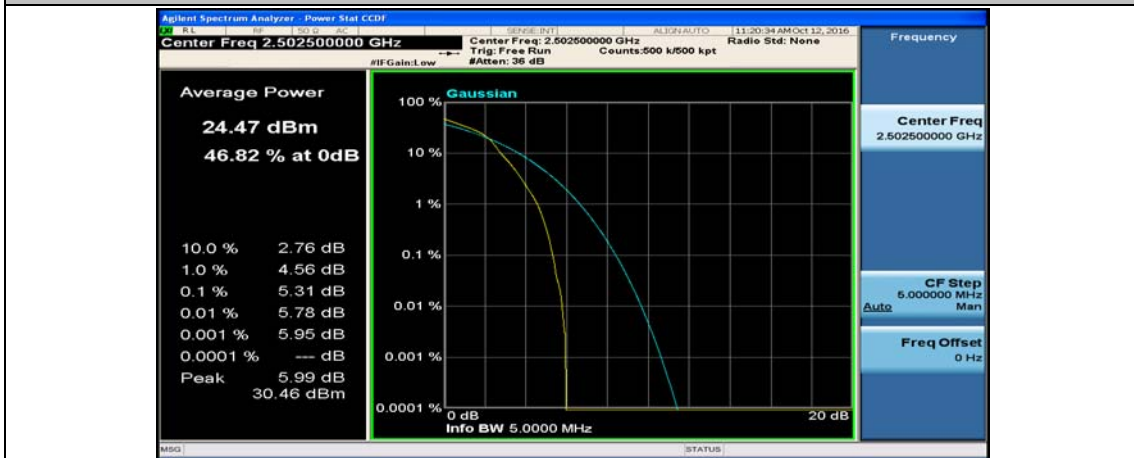
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(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



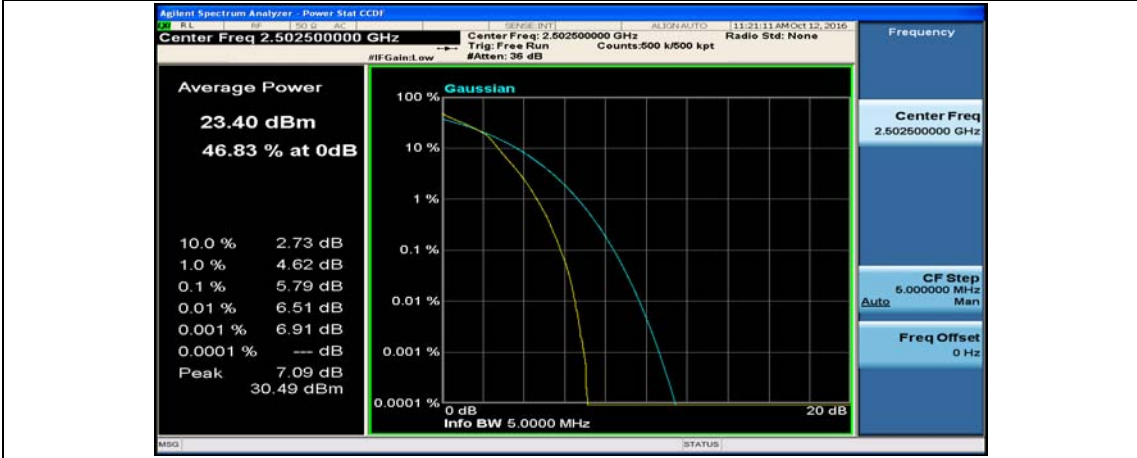
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(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



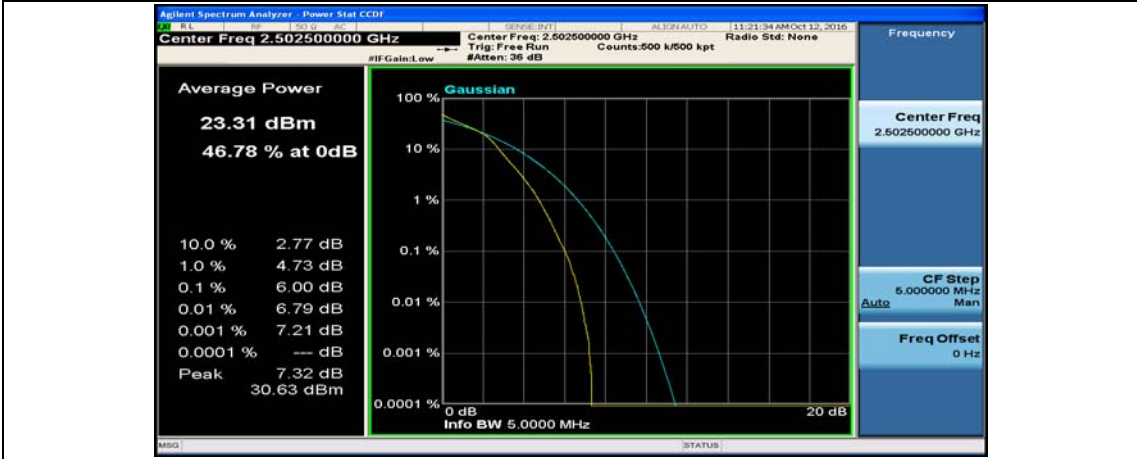
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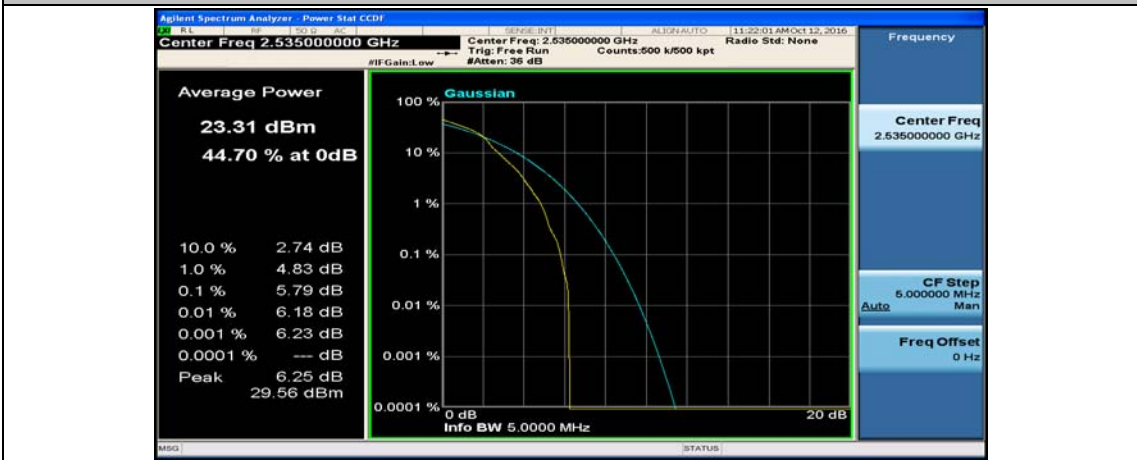
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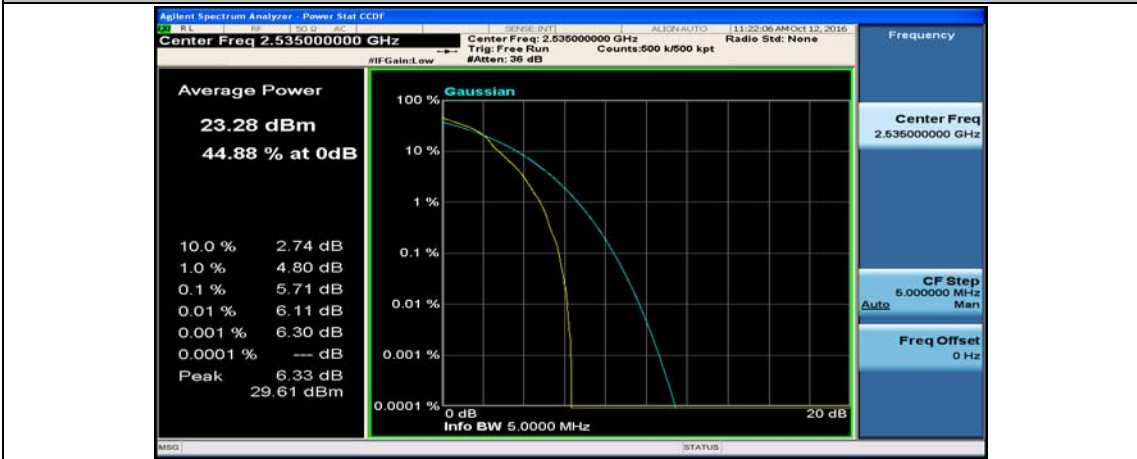
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(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



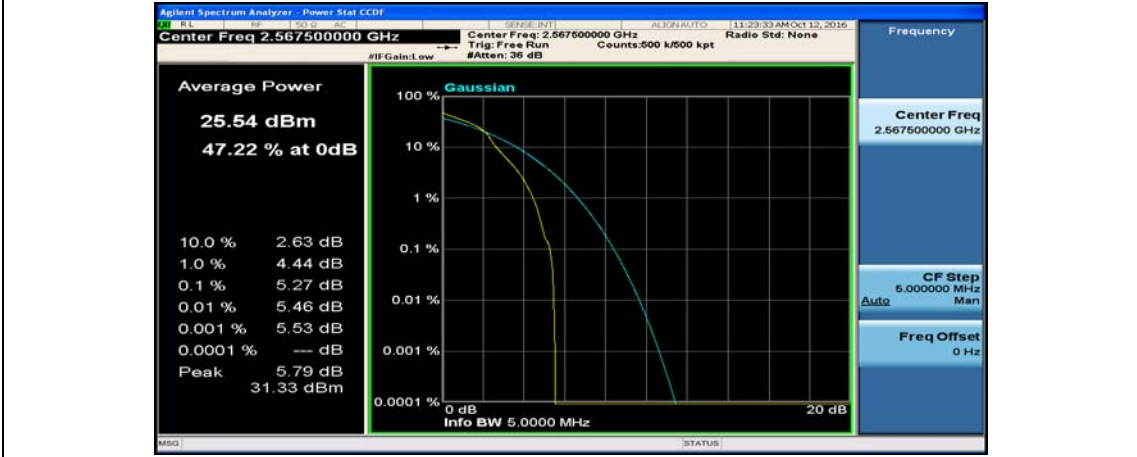
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(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



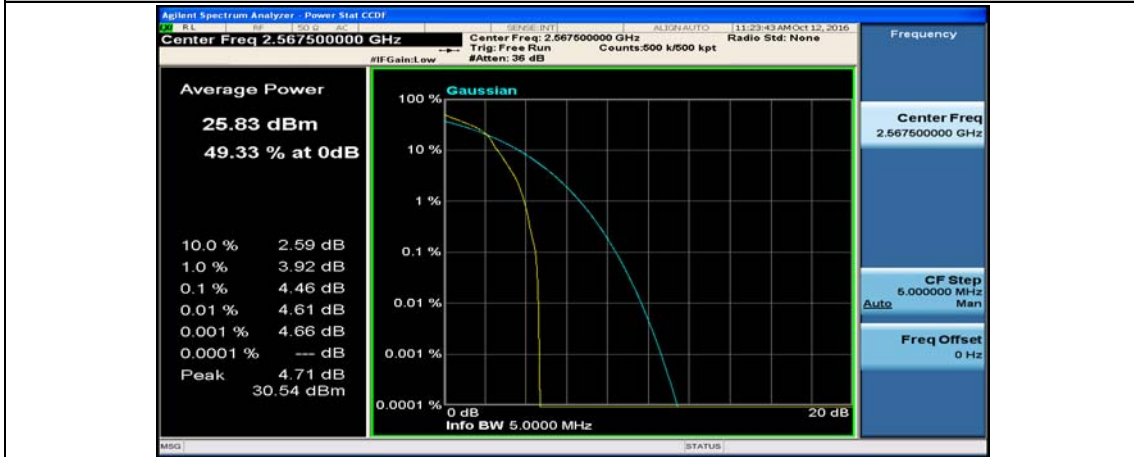
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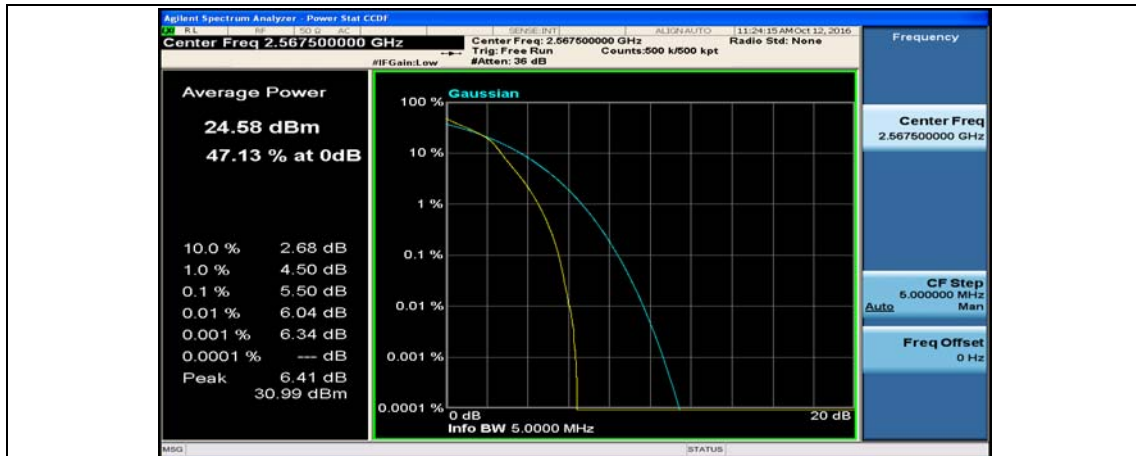
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(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



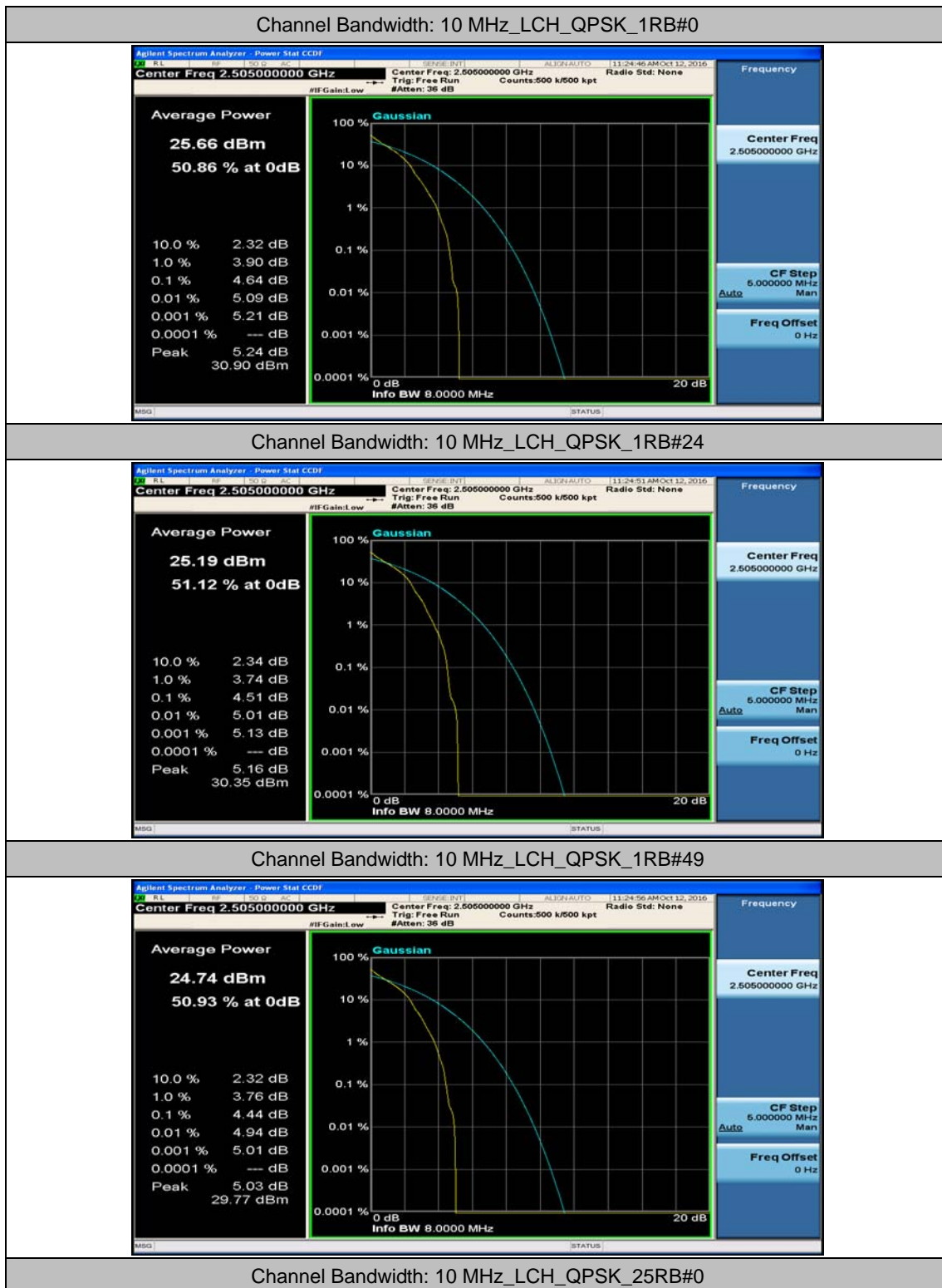
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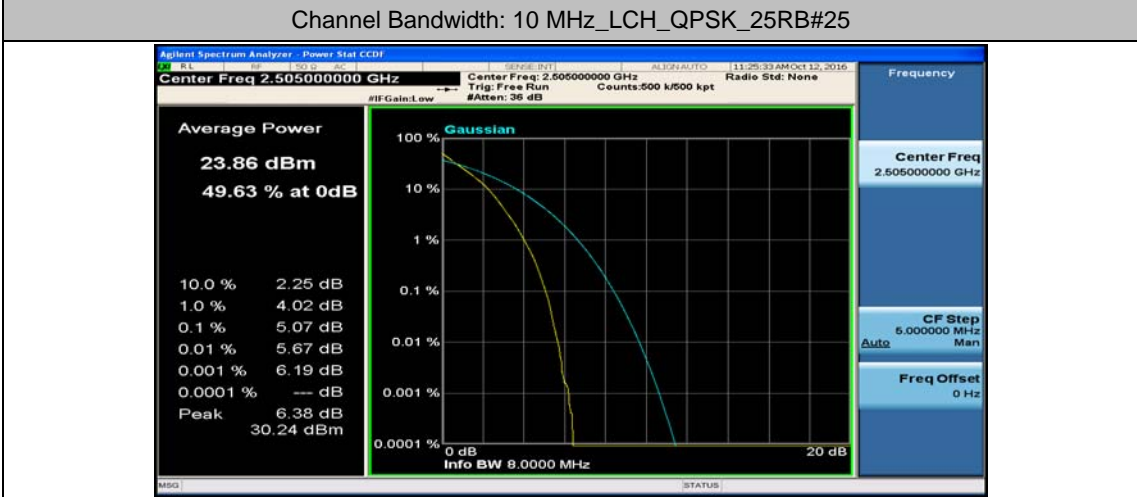
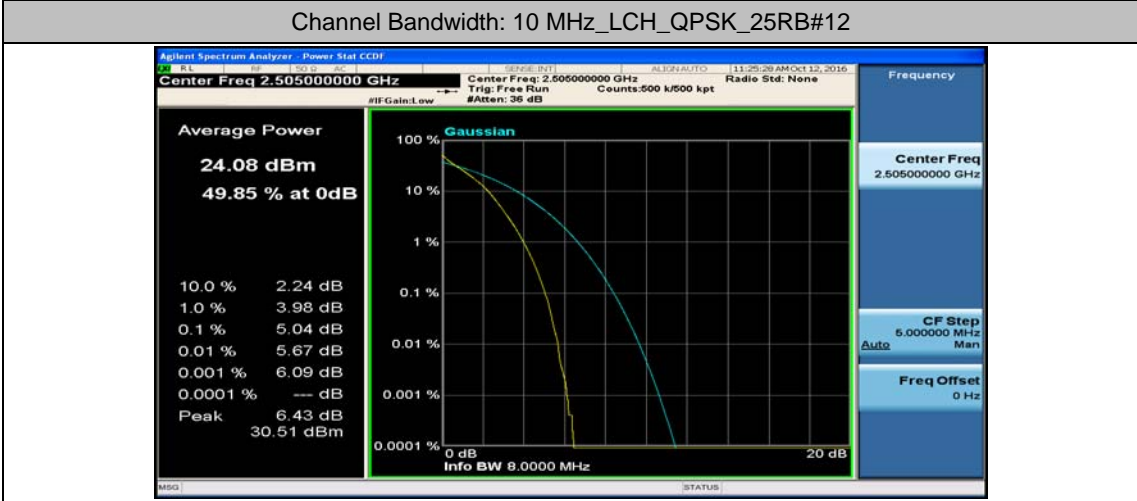


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



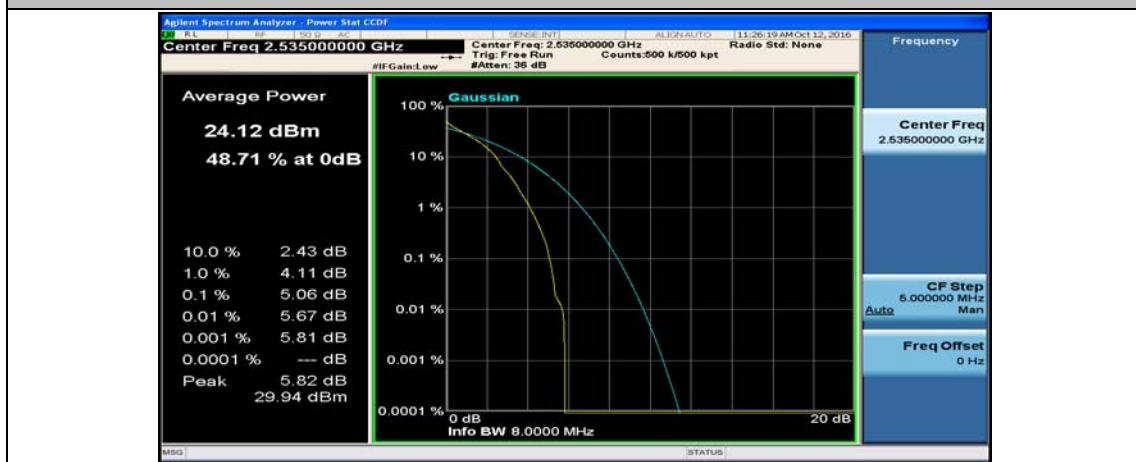
Channel Bandwidth: 10 MHz



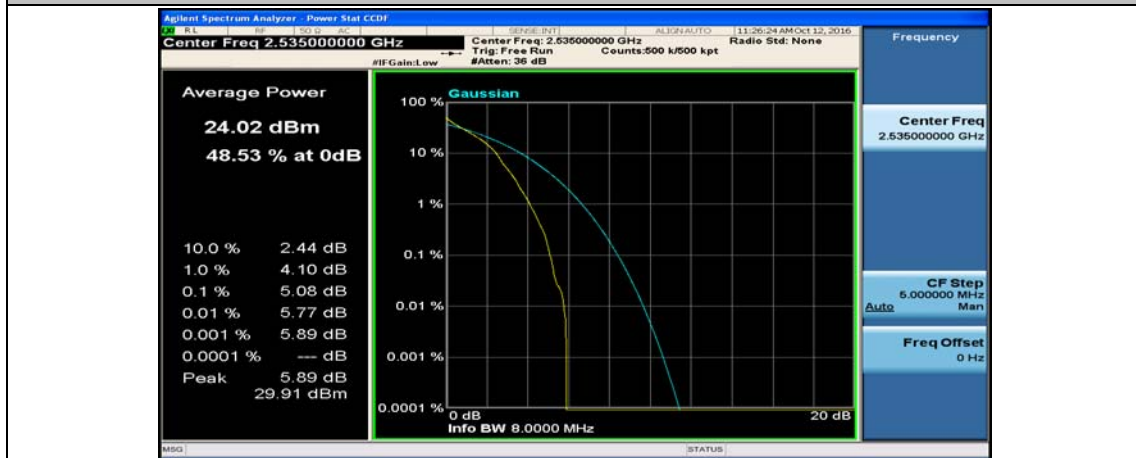




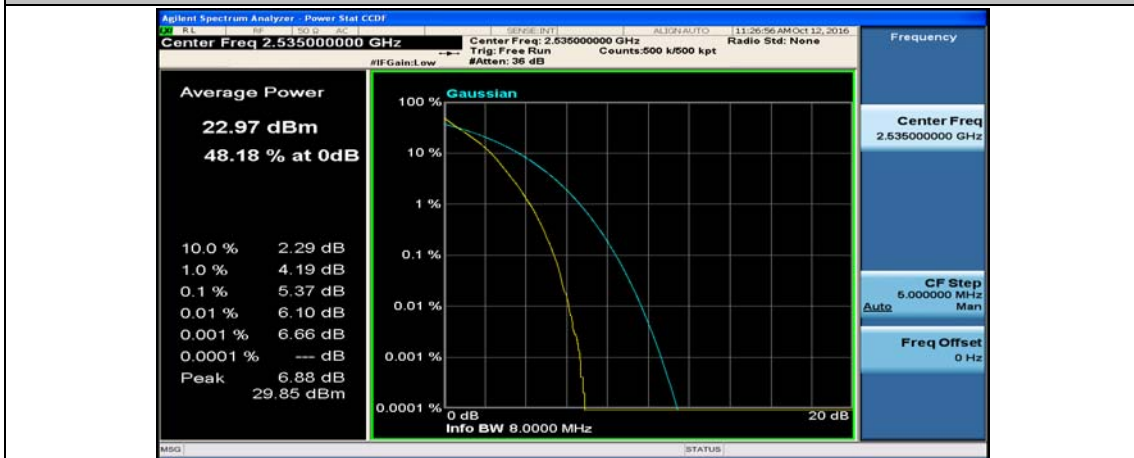
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

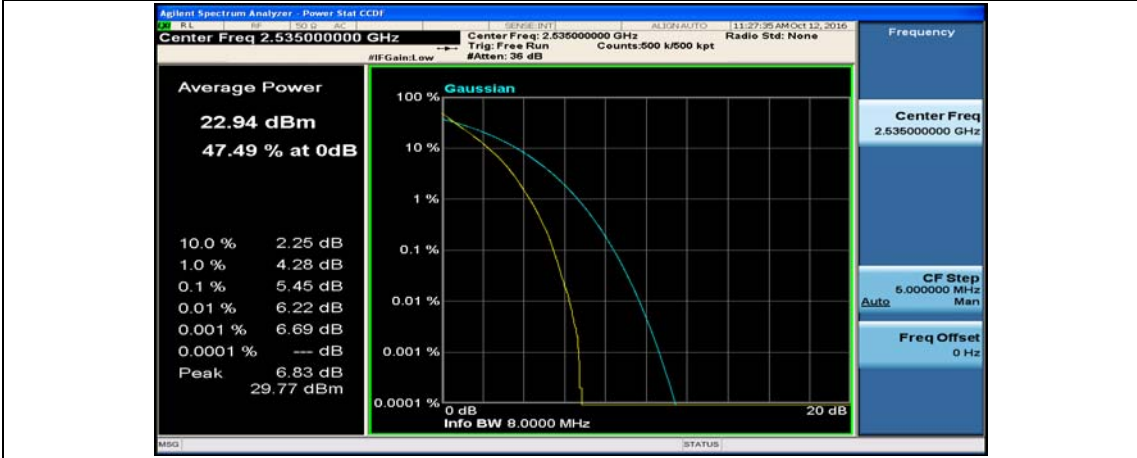


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49





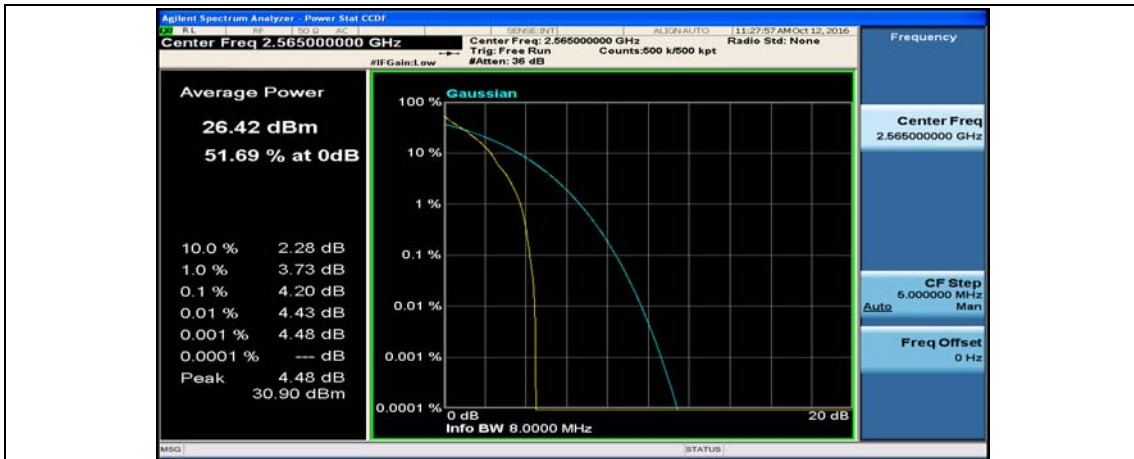
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

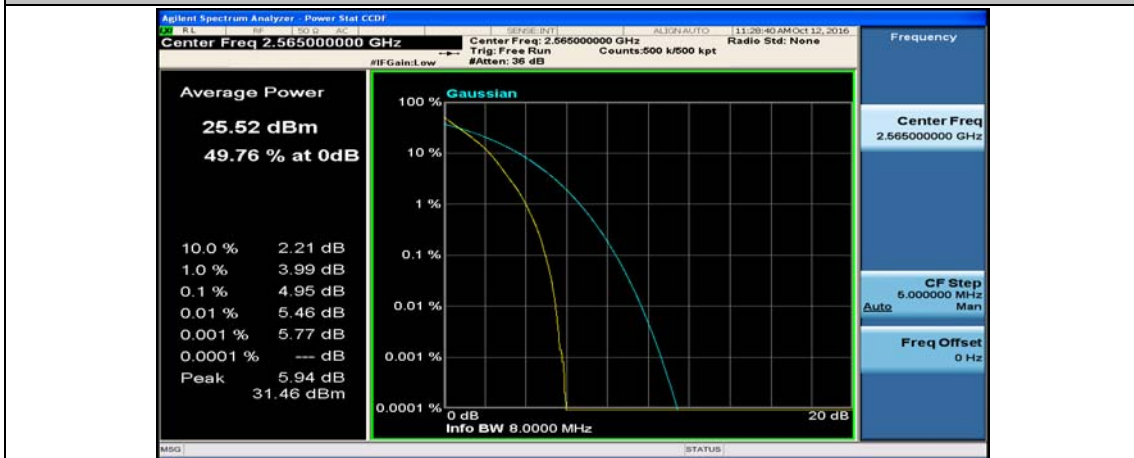


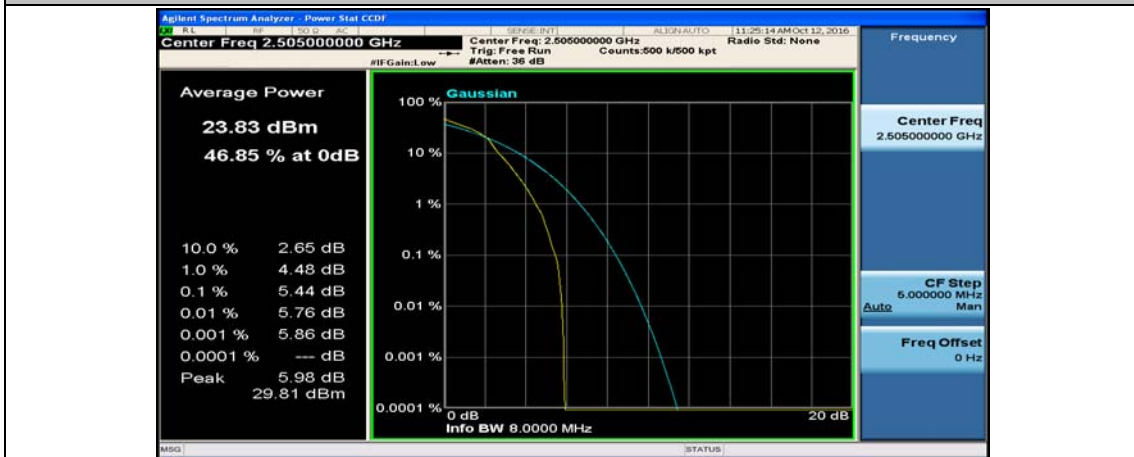
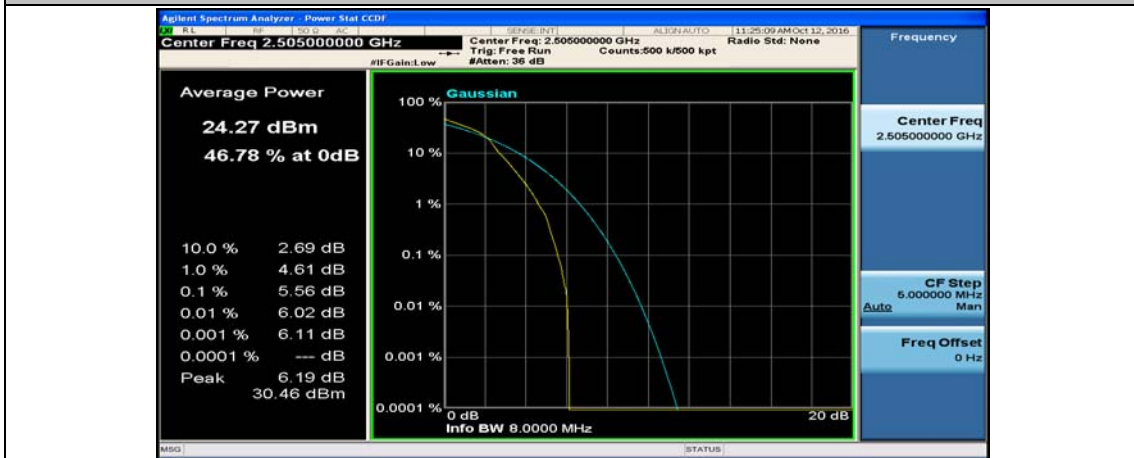
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

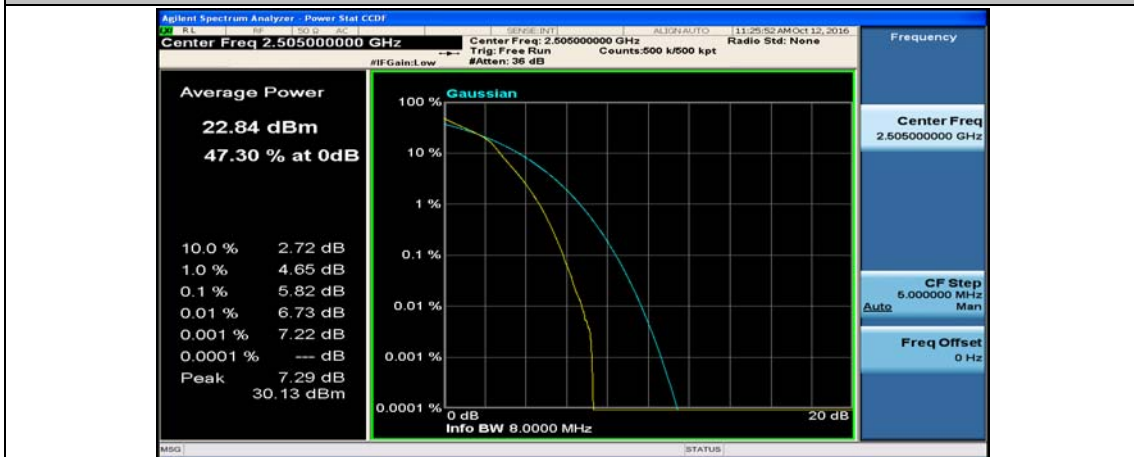
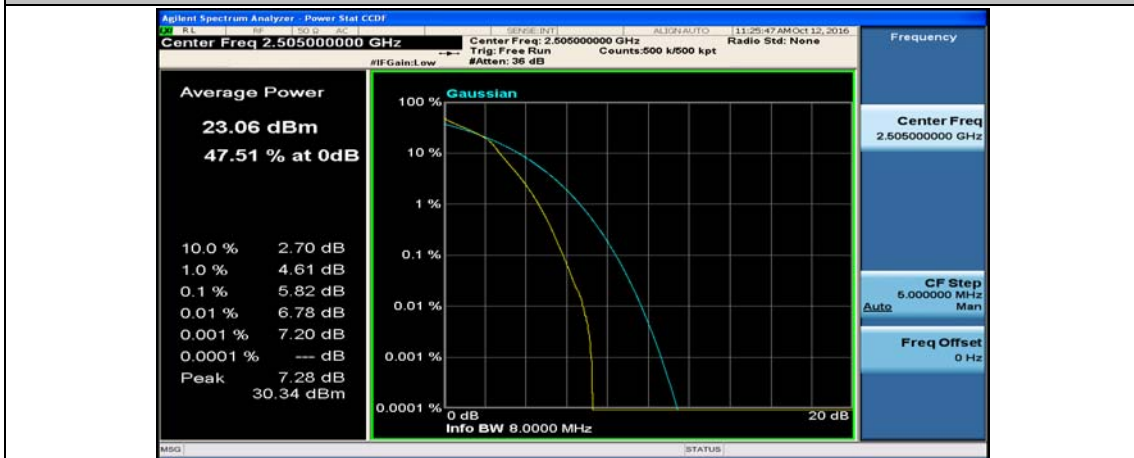
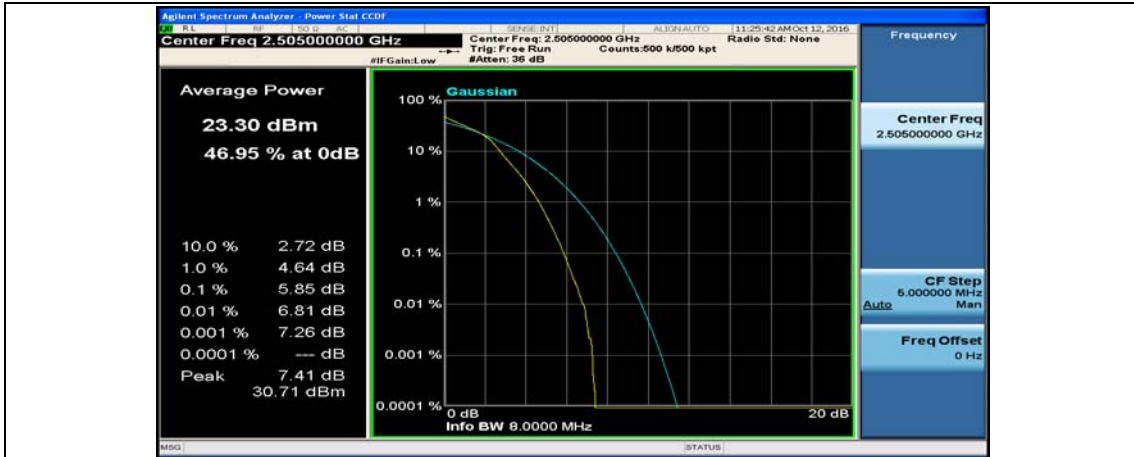


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



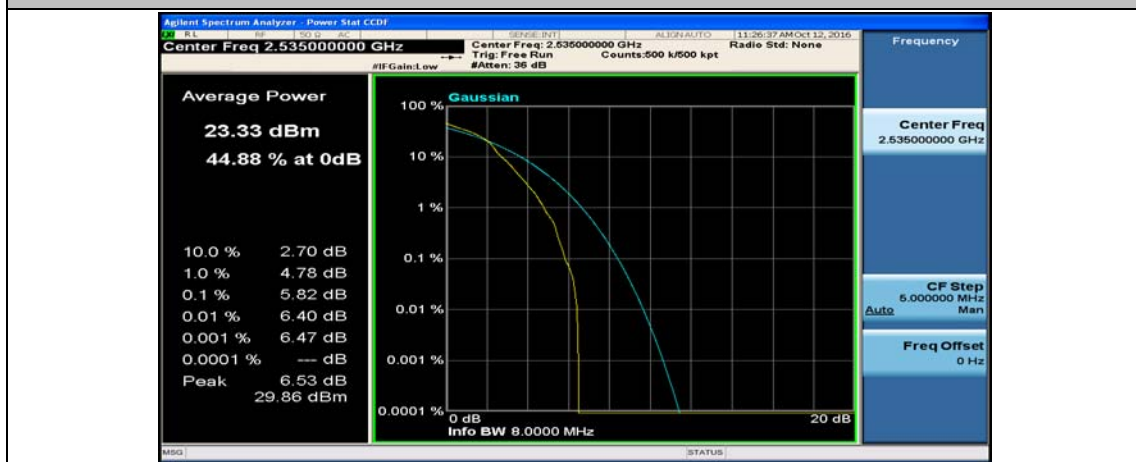




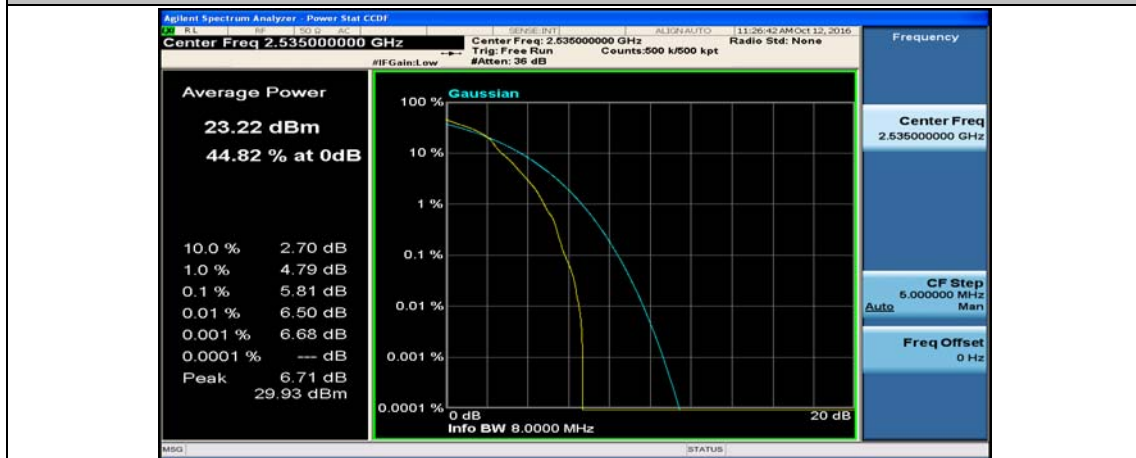




Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



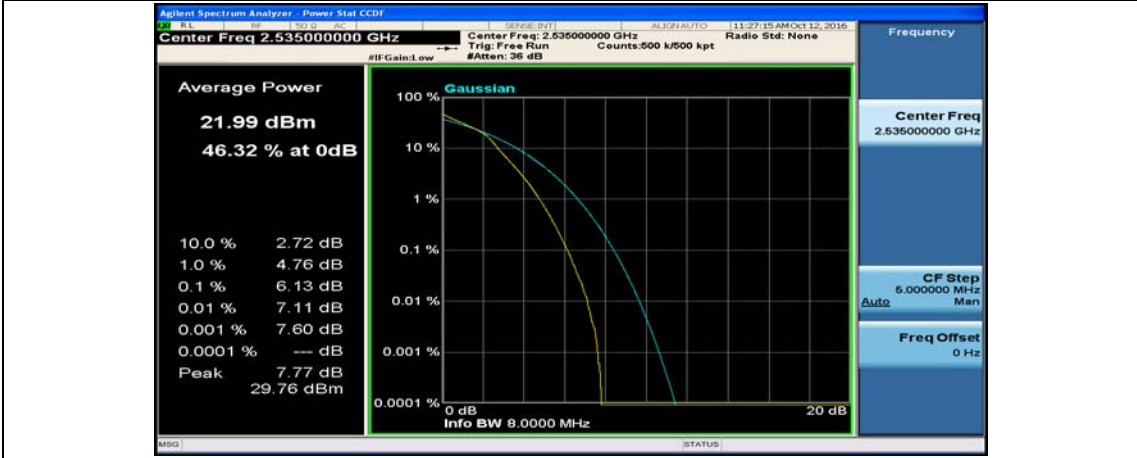
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



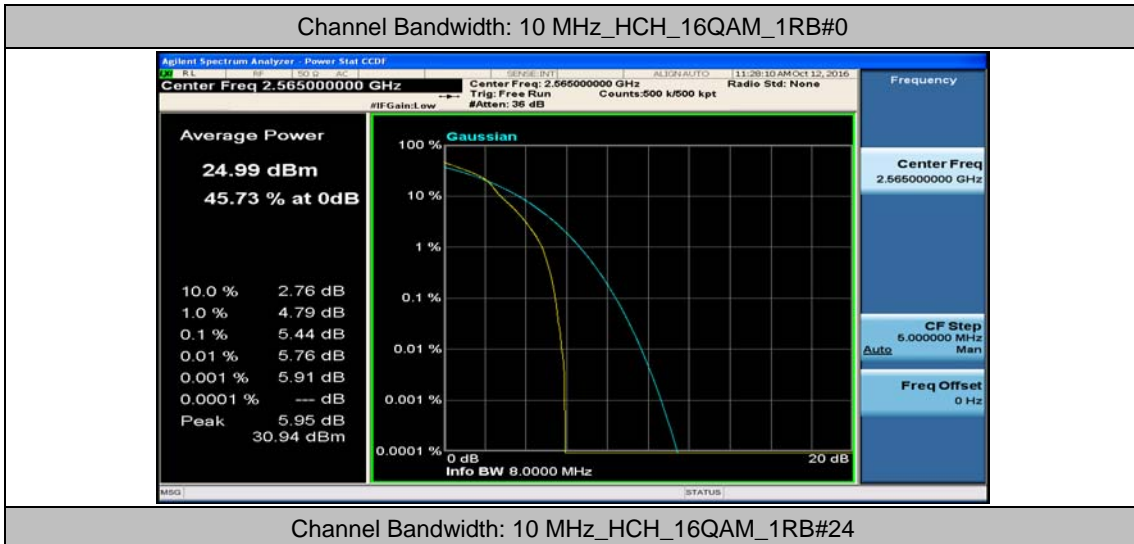
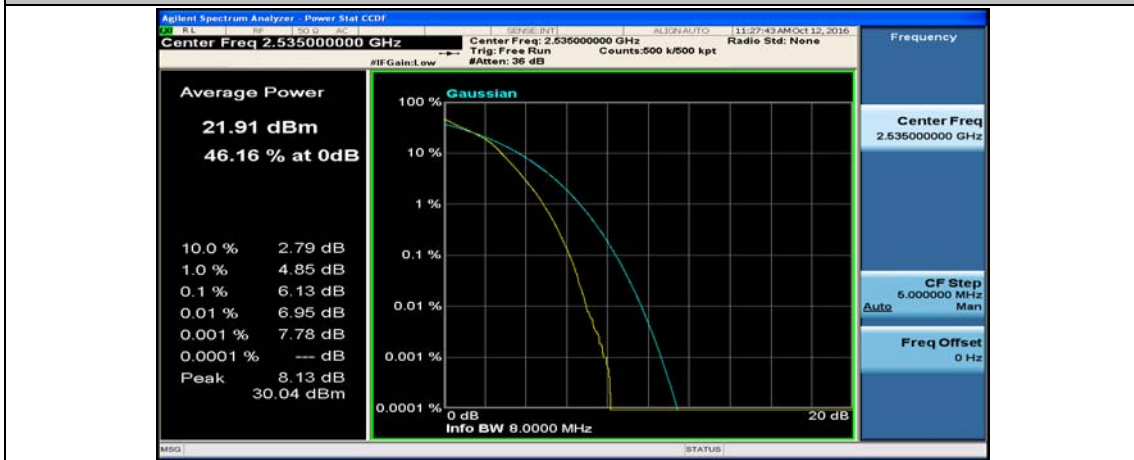
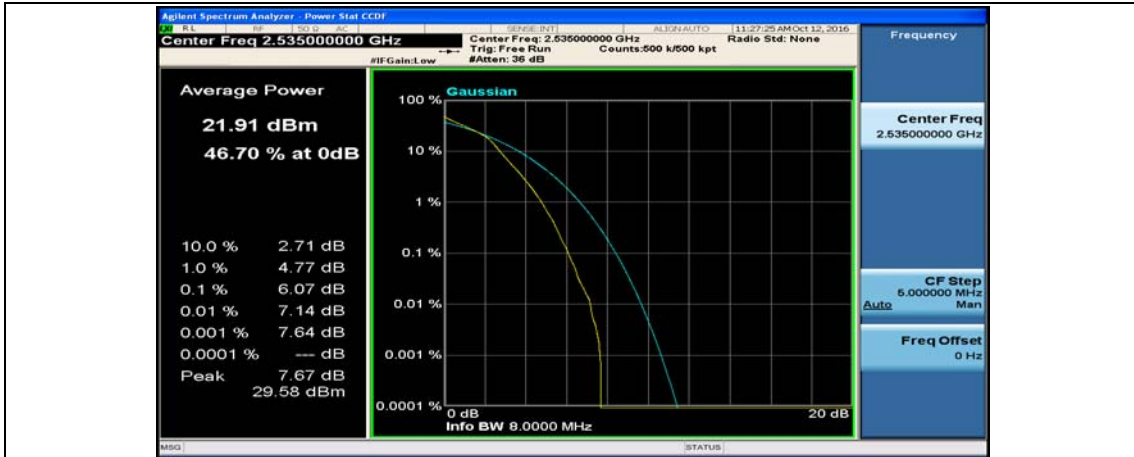
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0

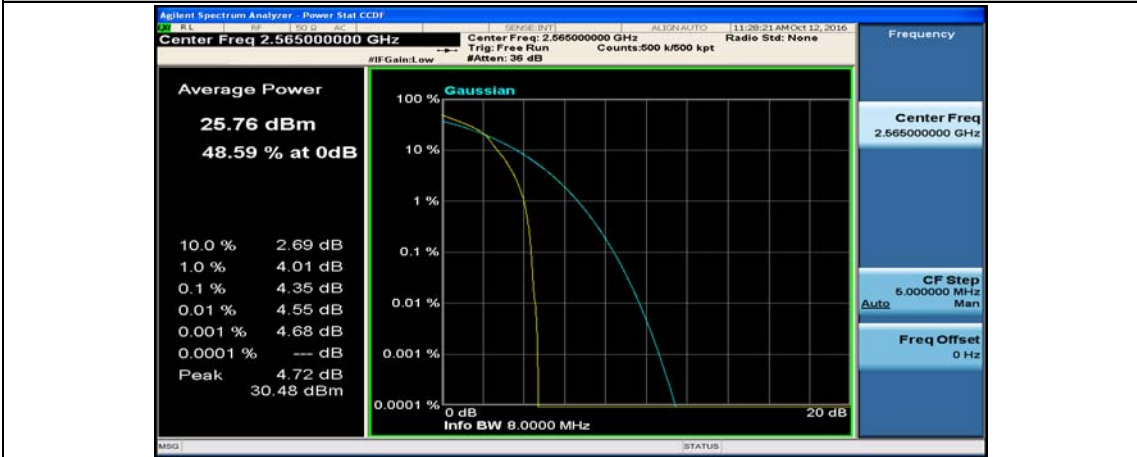


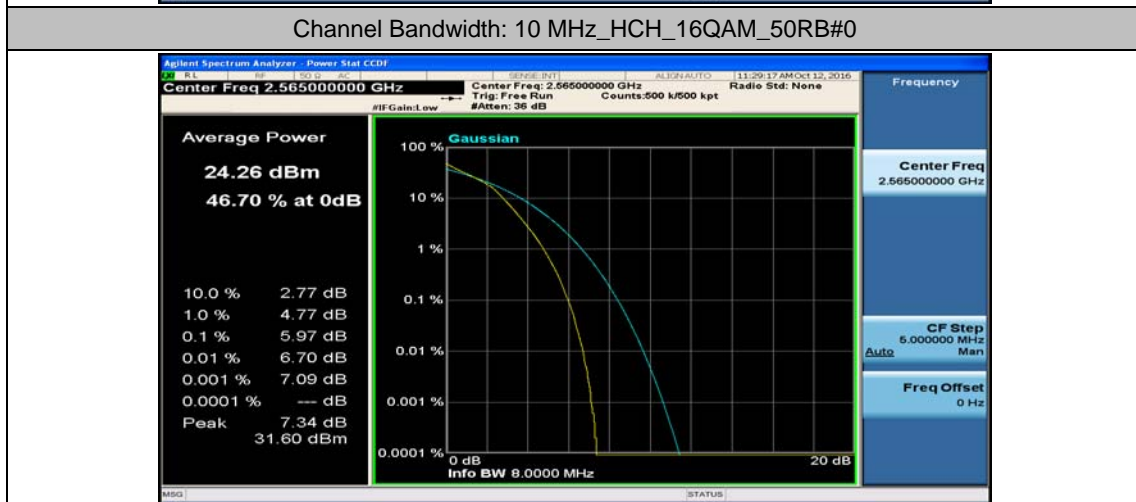
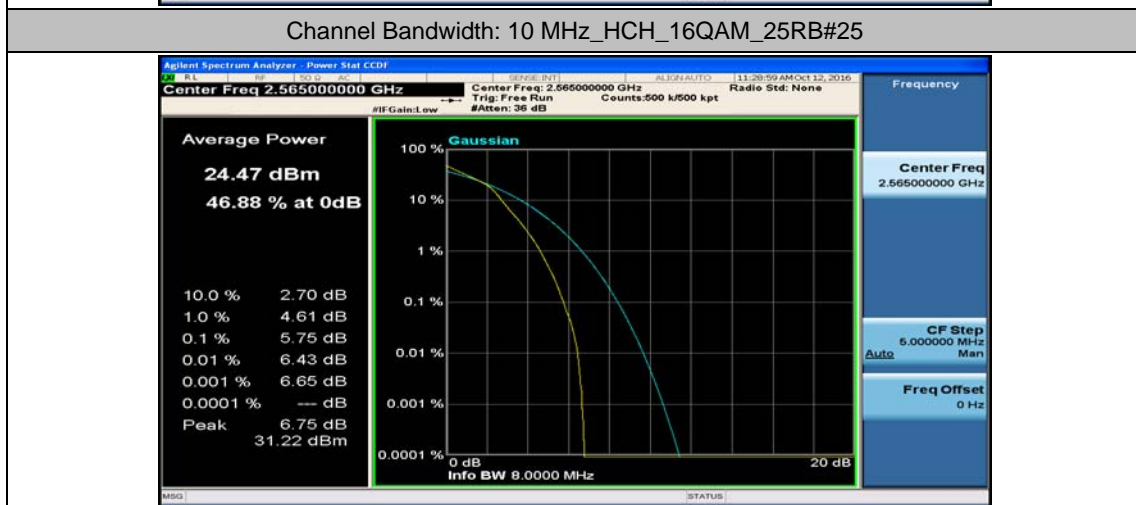
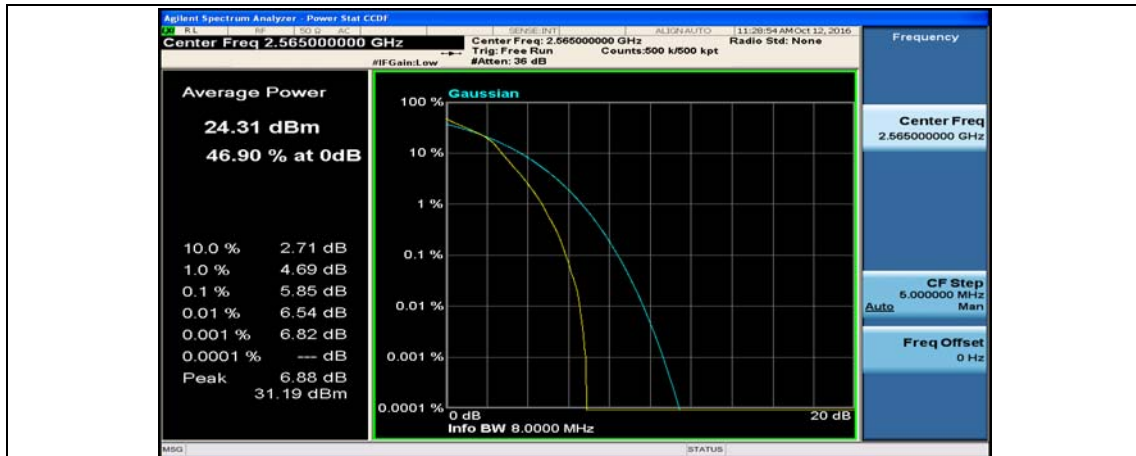
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



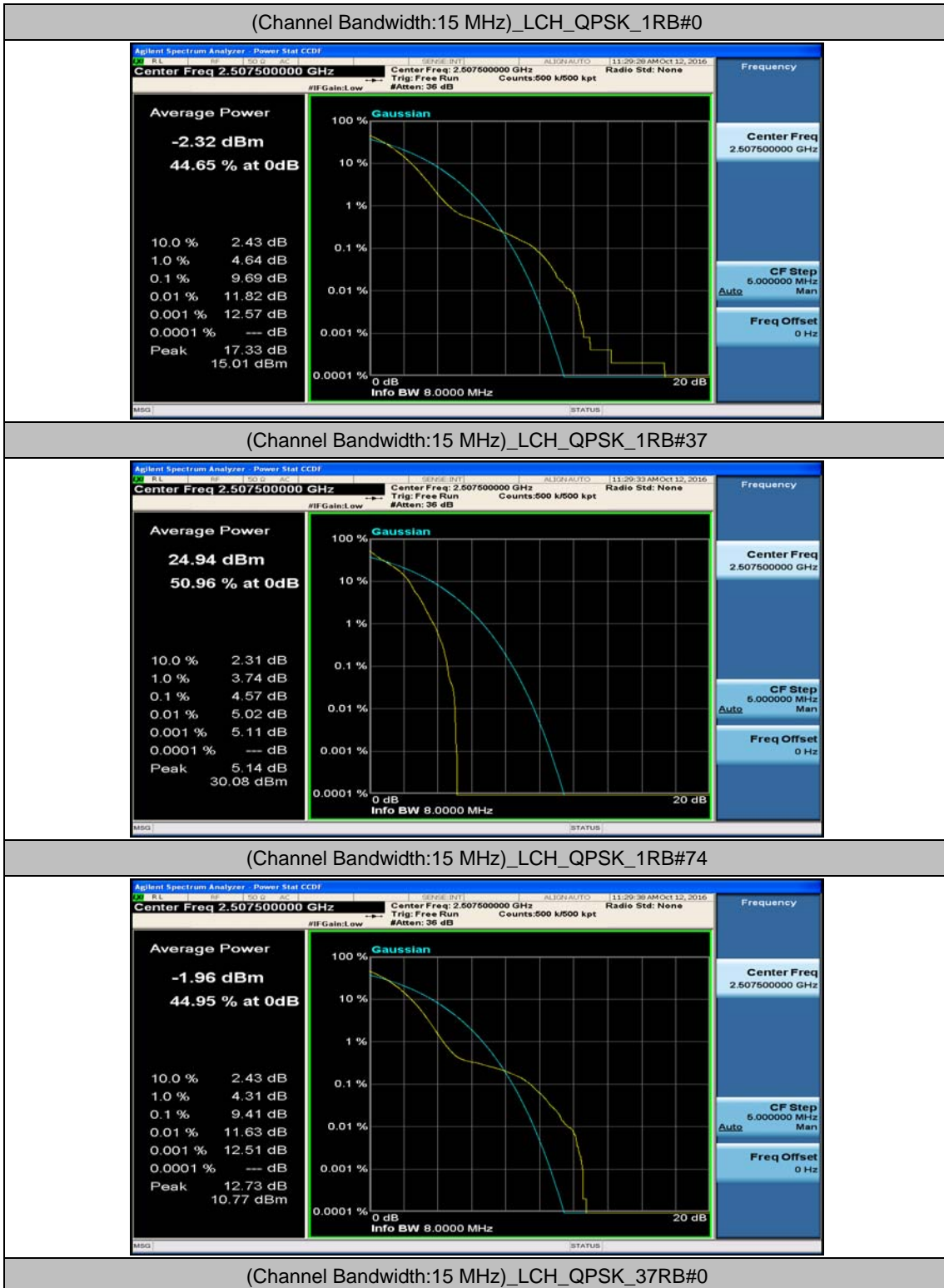
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25

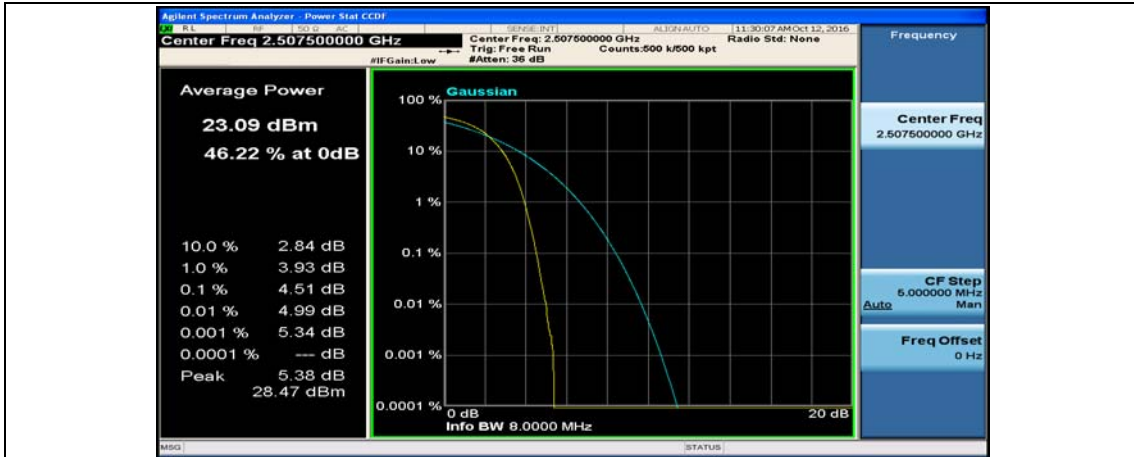




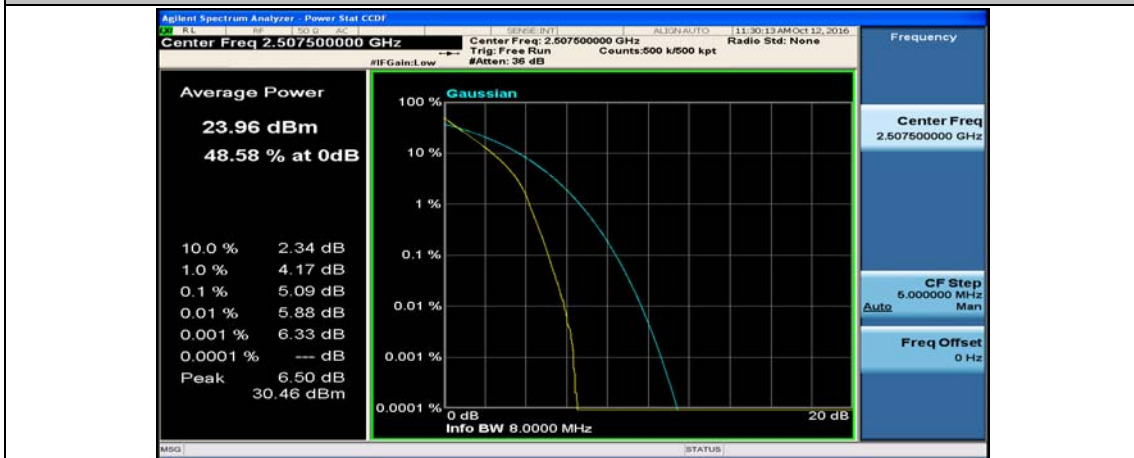


Channel Bandwidth: 15 MHz

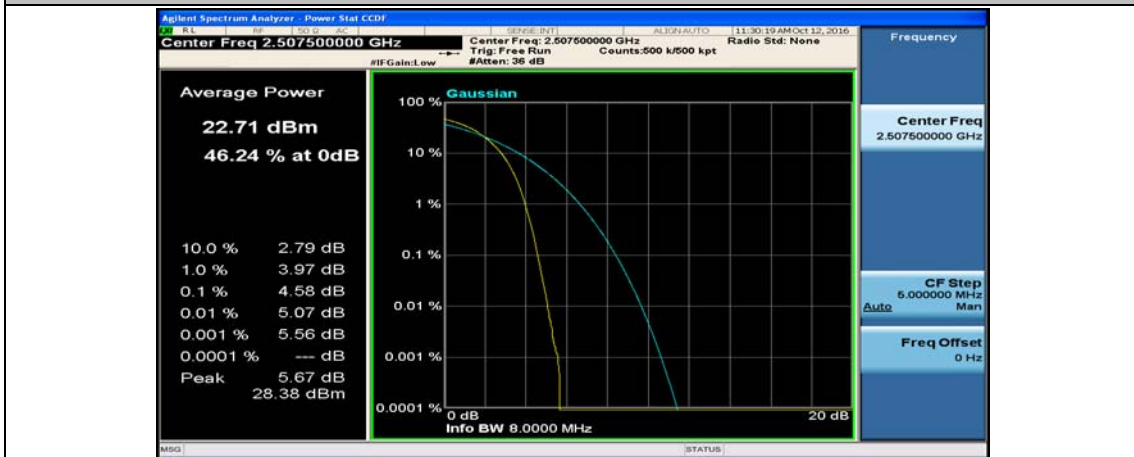




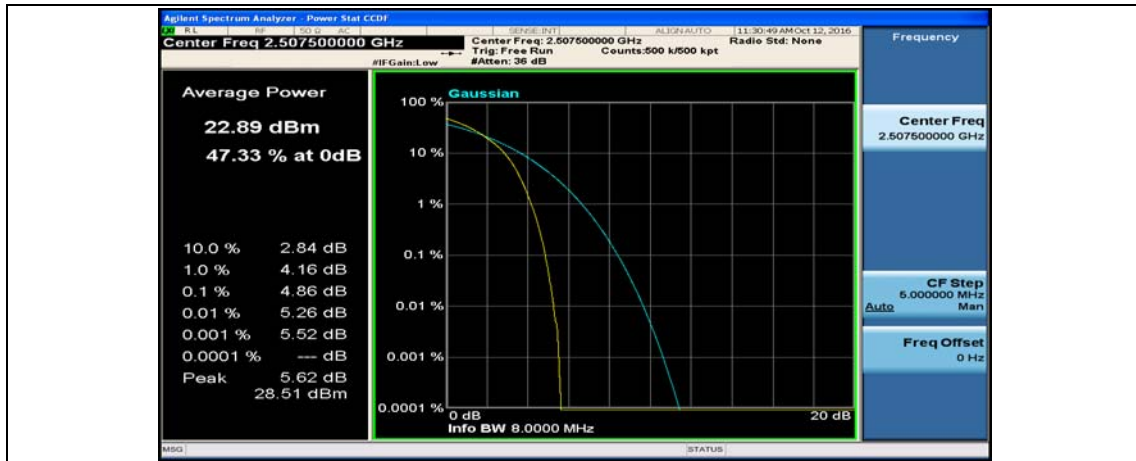
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18



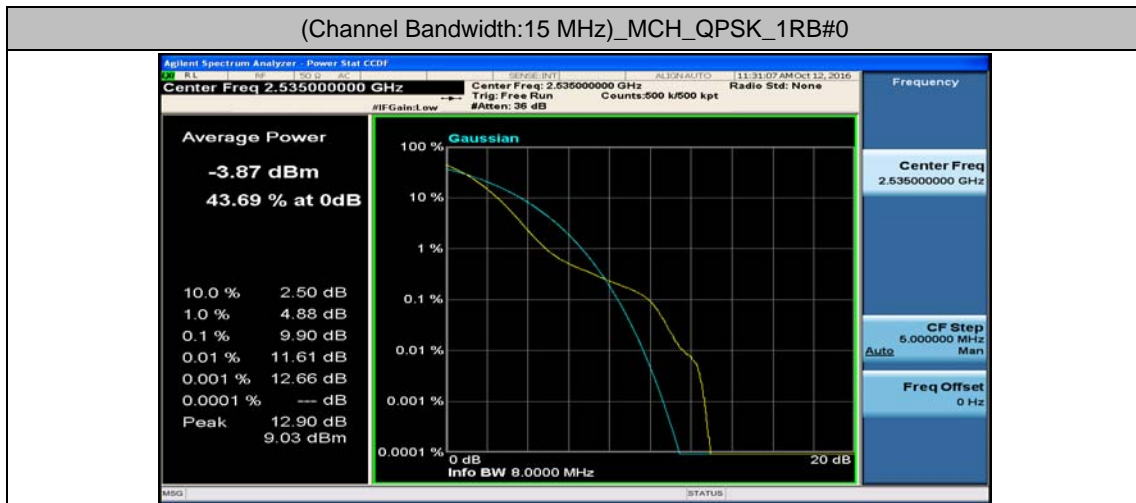
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38



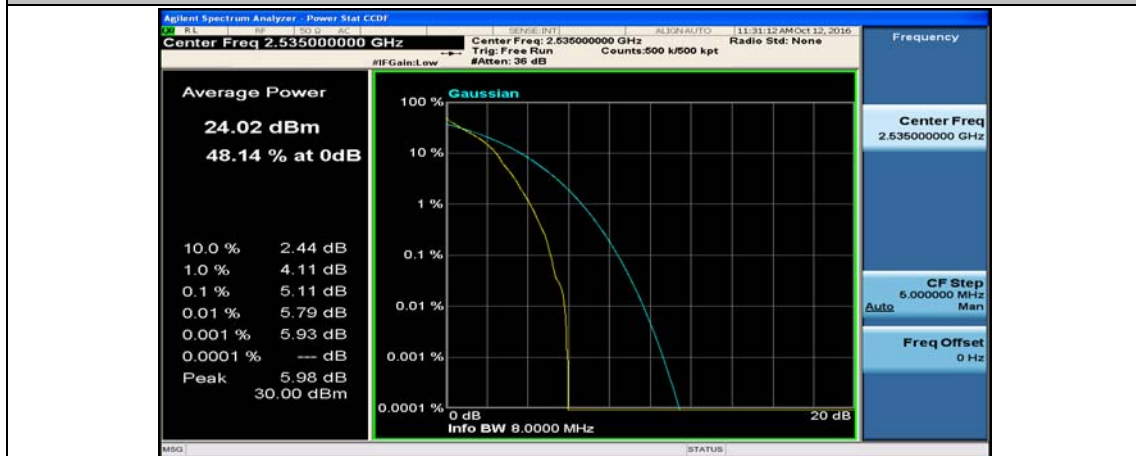
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



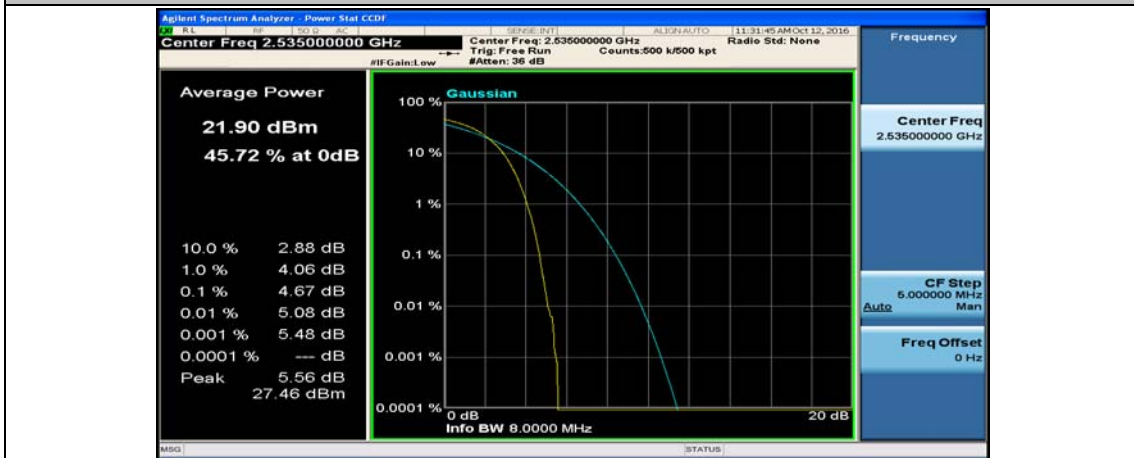
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37



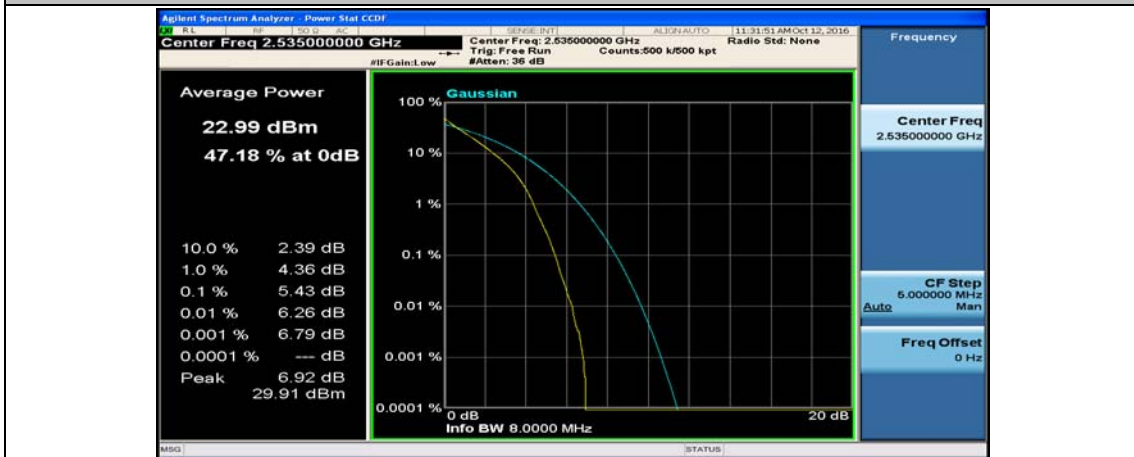
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74



(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0



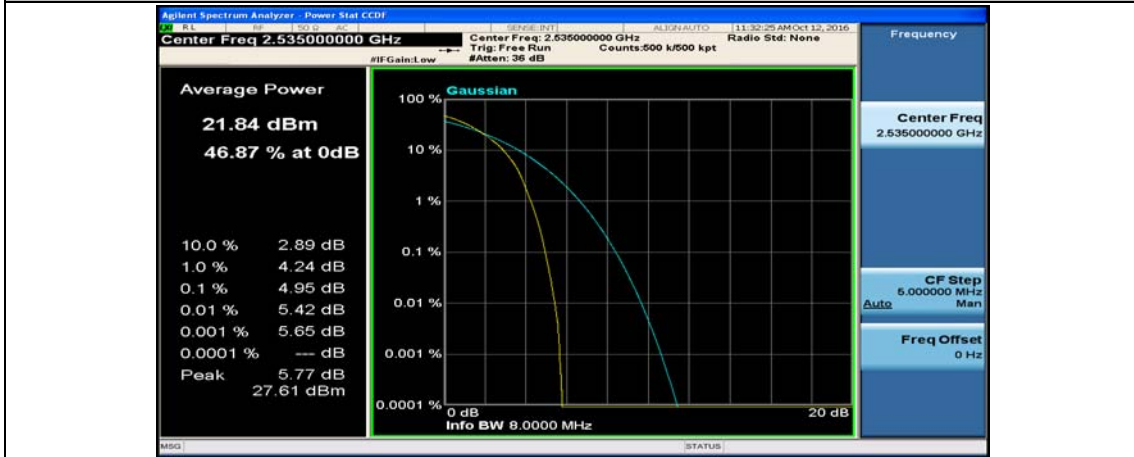
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38



(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



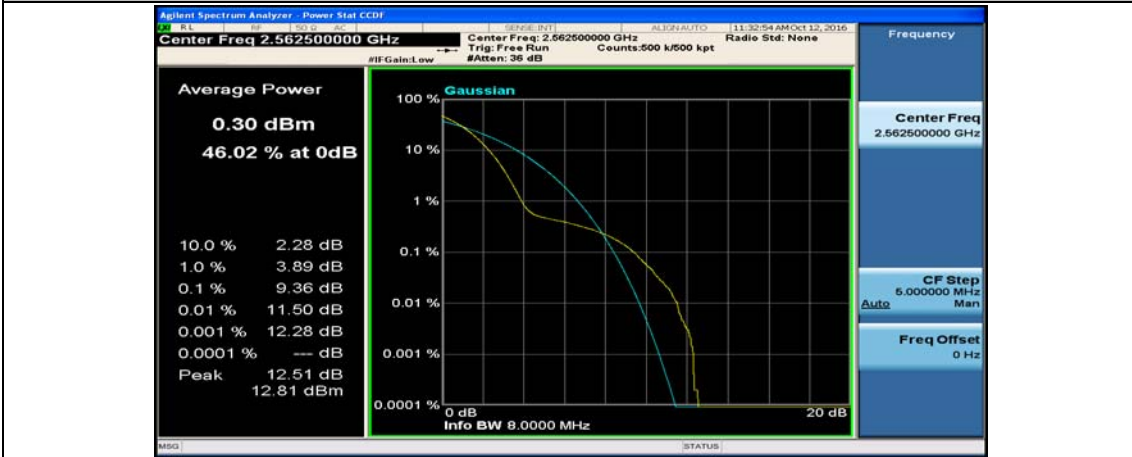
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



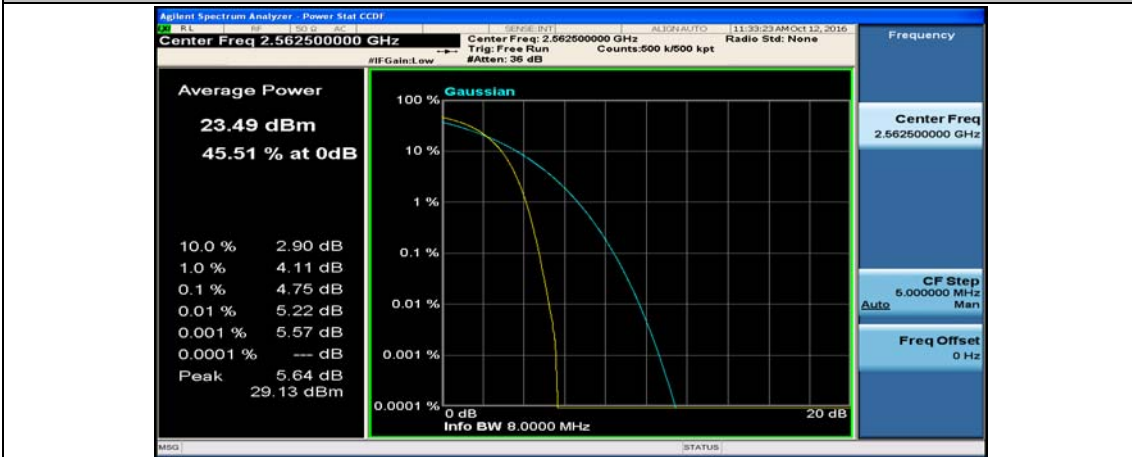
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37



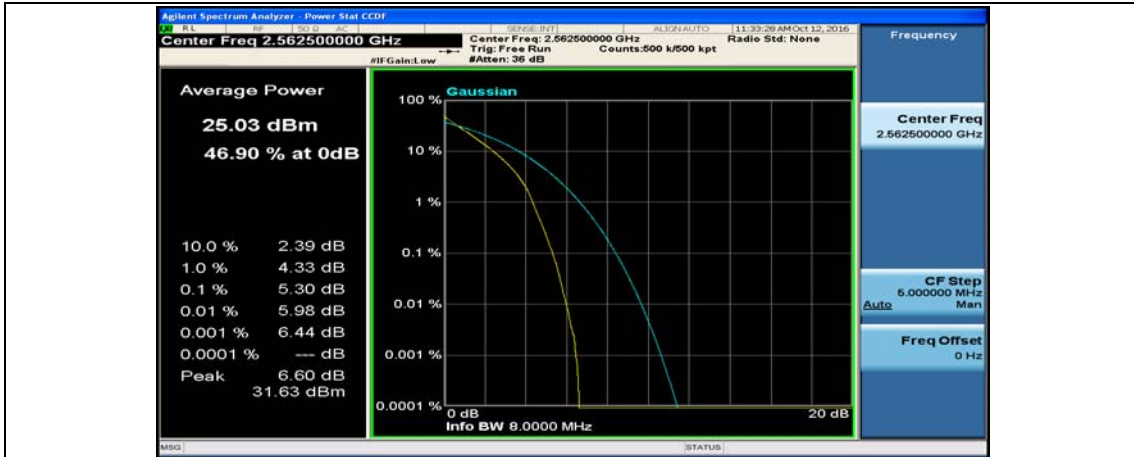
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38



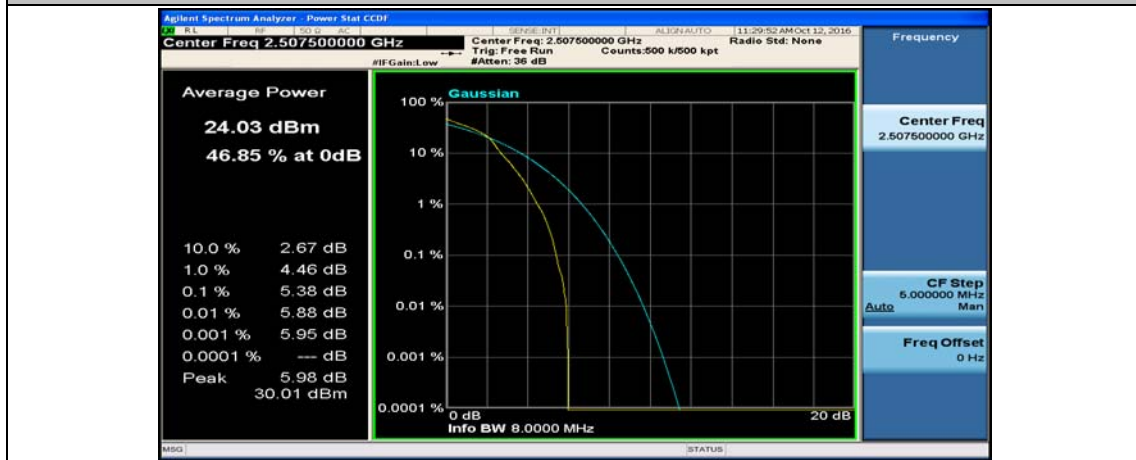
(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37



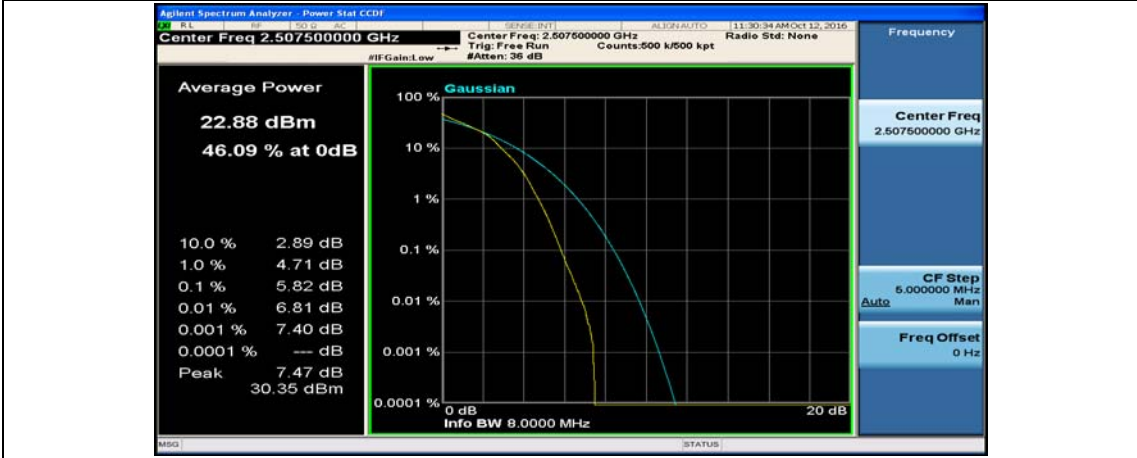
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#0



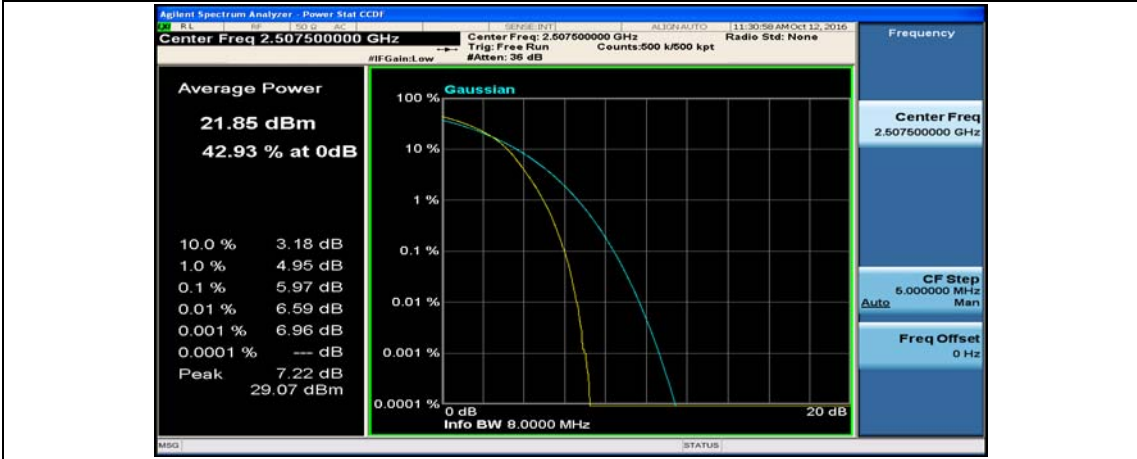
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18



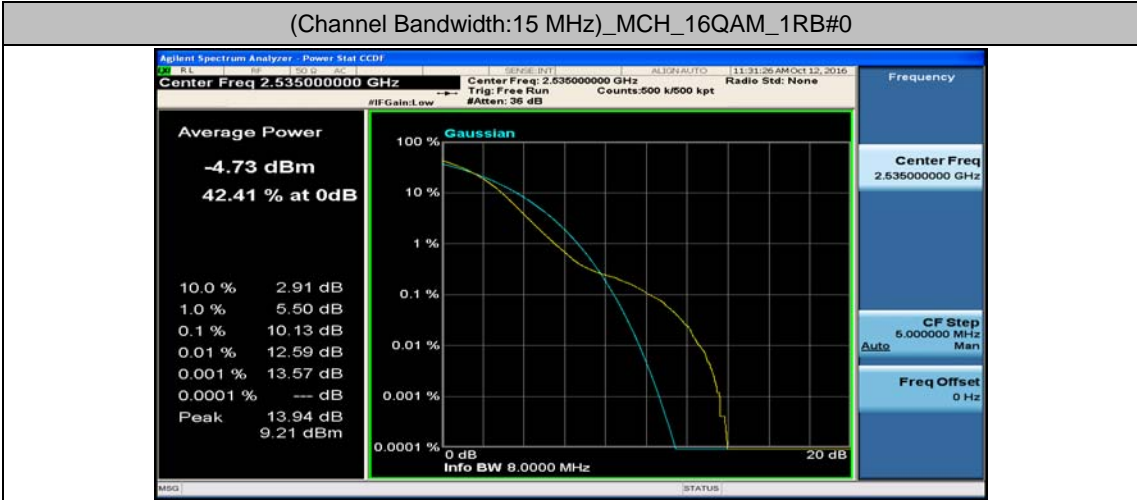
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38



(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0



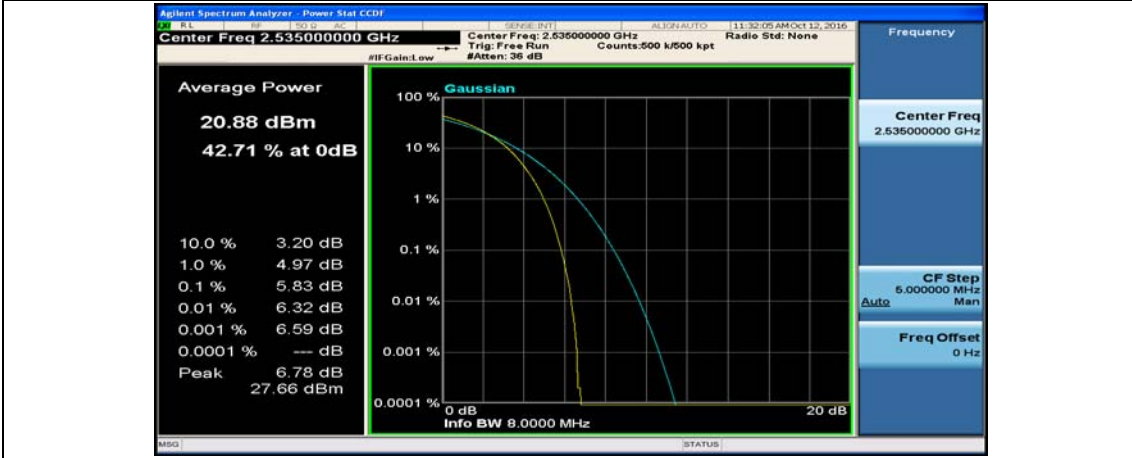
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37



(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0



(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18



(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38



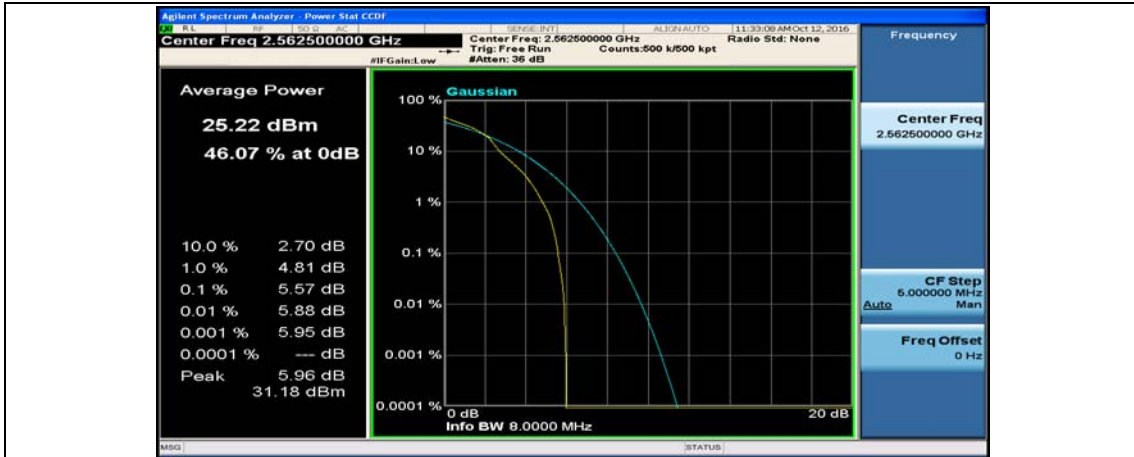
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



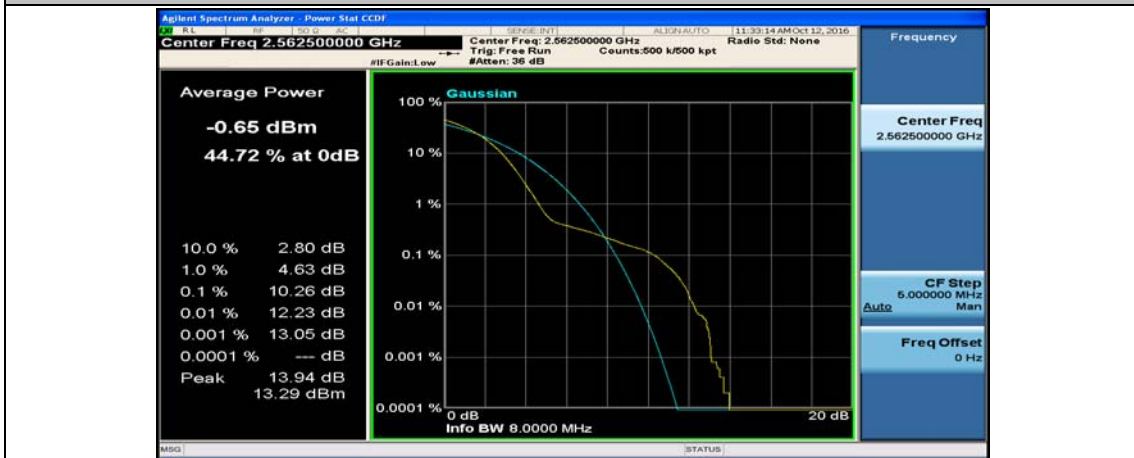
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



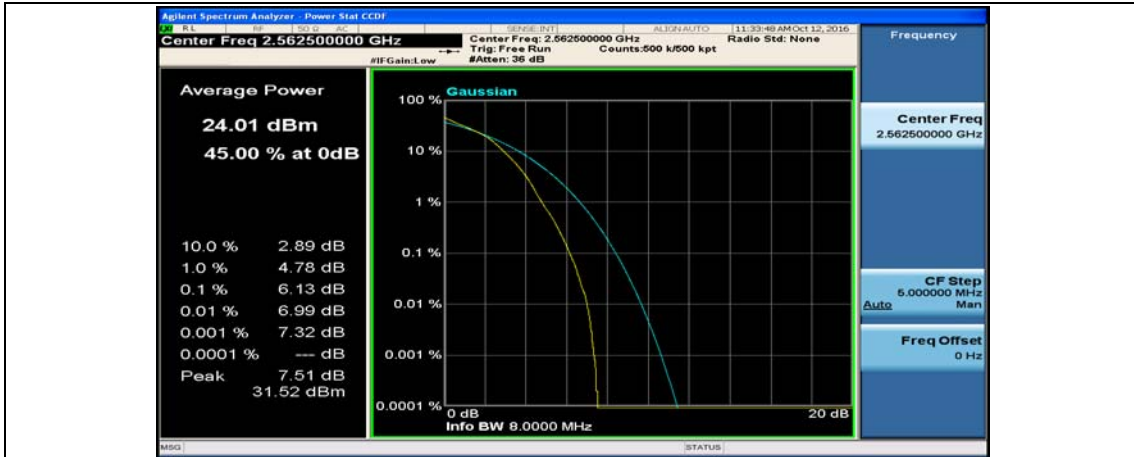
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18



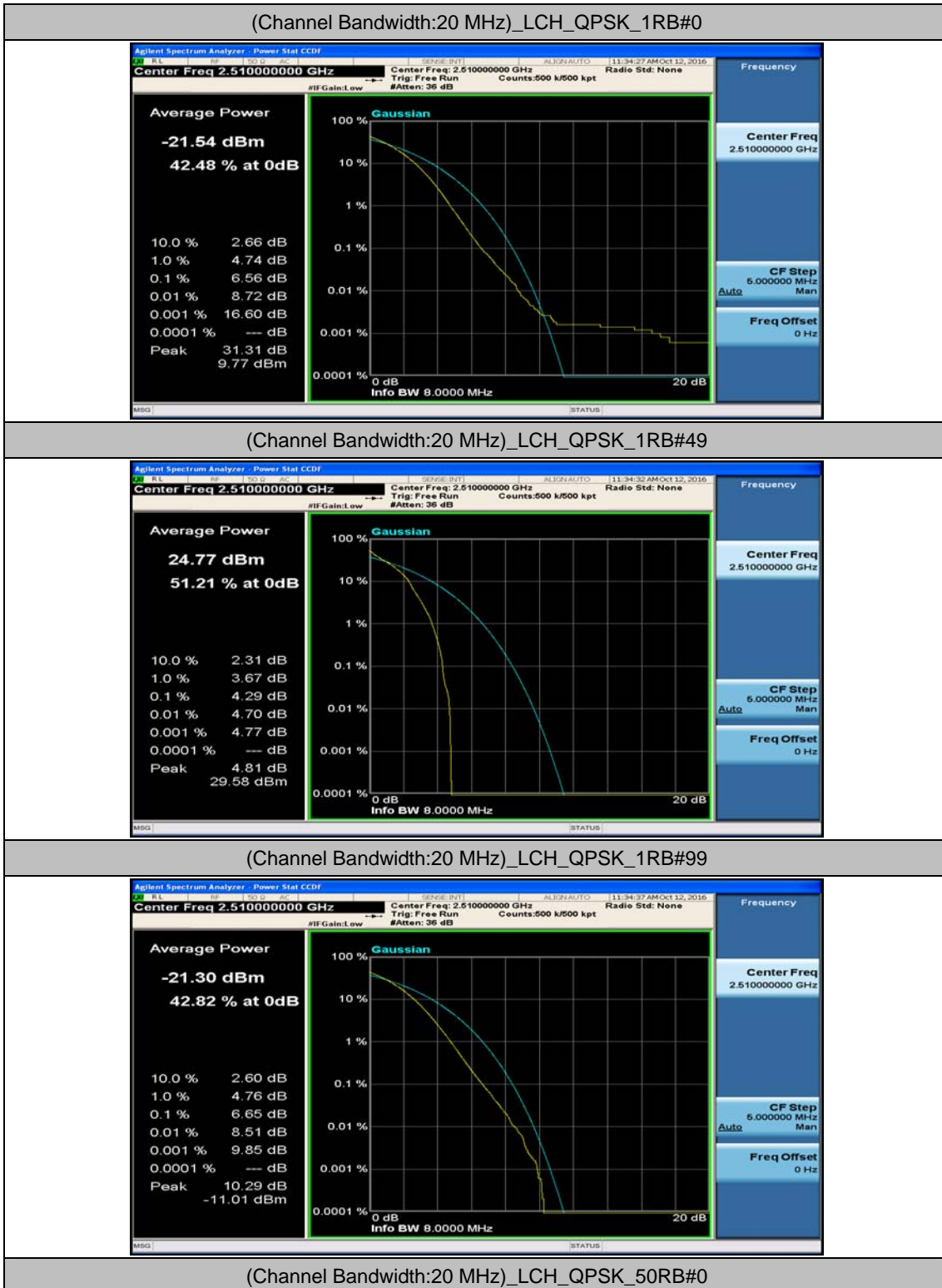
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38



(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0



Channel Bandwidth: 20 MHz





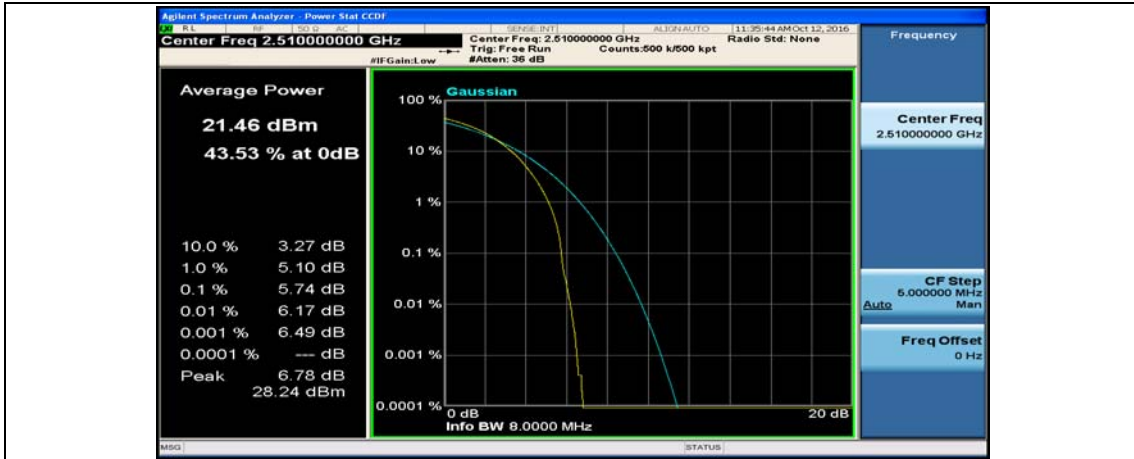
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25



(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#50



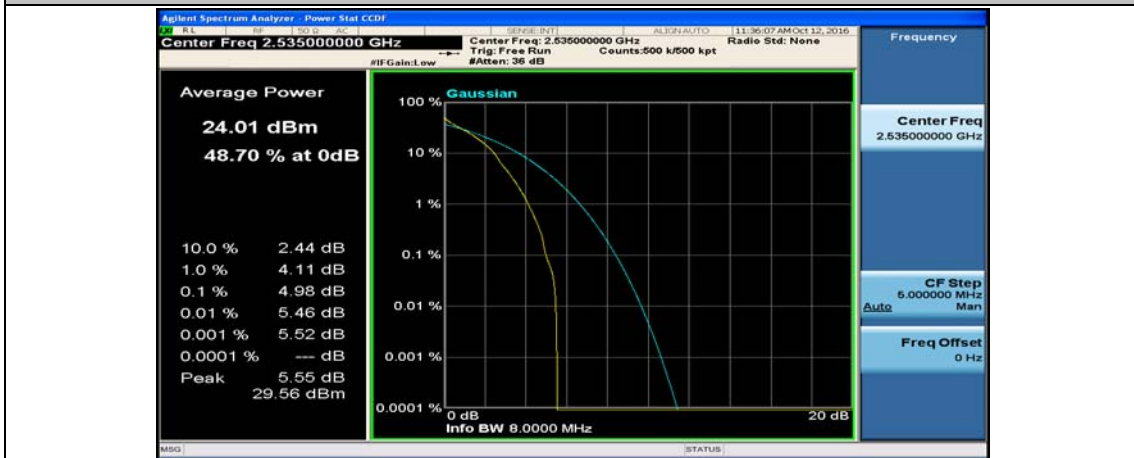
(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49



(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99