

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	23.79	PASS
		1	12	23.98	PASS
		1	24	24.01	PASS
		12	0	22.96	PASS
		12	6	23.02	PASS
		12	13	23.08	PASS
		25	0	22.82	PASS
	MCH	1	0	24.09	PASS
		1	12	23.97	PASS
		1	24	23.53	PASS
		12	0	22.81	PASS
		12	6	22.71	PASS
		12	13	22.78	PASS
		25	0	22.72	PASS
	HCH	1	0	23.32	PASS
		1	12	22.94	PASS
		1	24	23.00	PASS
		12	0	22.36	PASS
		12	6	22.00	PASS
		12	13	21.81	PASS
		25	0	21.94	PASS
16QAM	LCH	1	0	23.23	PASS
		1	12	23.39	PASS
		1	24	23.39	PASS
		12	0	22.14	PASS
		12	6	22.20	PASS
		12	13	22.24	PASS
		25	0	22.05	PASS
	MCH	1	0	22.78	PASS
		1	12	22.62	PASS
		1	24	22.60	PASS
		12	0	21.89	PASS
		12	6	21.75	PASS

		12	13	21.83	PASS
		25	0	21.79	PASS
	HCH	1	0	22.39	PASS
		1	12	22.17	PASS
		1	24	22.30	PASS
		12	0	21.46	PASS
		12	6	21.43	PASS
		12	13	21.28	PASS
		25	0	21.42	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.39	PASS
		1	24	24.02	PASS
		1	49	24.22	PASS
		25	0	23.04	PASS
		25	12	23.11	PASS
		25	25	23.17	PASS
		50	0	23.14	PASS
	MCH	1	0	24.17	PASS
		1	24	23.62	PASS
		1	49	23.42	PASS
		25	0	22.98	PASS
		25	12	22.80	PASS
		25	25	22.87	PASS
		50	0	22.94	PASS
	HCH	1	0	23.60	PASS
		1	24	22.89	PASS
		1	49	21.92	PASS
		25	0	22.49	PASS
		25	12	22.09	PASS
		25	25	21.49	PASS
		50	0	22.14	PASS
16QAM	LCH	1	0	22.80	PASS
		1	24	23.30	PASS
		1	49	23.50	PASS
		25	0	22.07	PASS
		25	12	22.15	PASS
		25	25	22.19	PASS
		50	0	22.20	PASS
	MCH	1	0	23.45	PASS

		1	24	22.93	PASS
		1	49	22.90	PASS
		25	0	22.01	PASS
		25	12	21.85	PASS
		25	25	21.94	PASS
		50	0	21.99	PASS
	HCH	1	0	22.77	PASS
		1	24	22.47	PASS
		1	49	21.58	PASS
		25	0	21.50	PASS
		25	12	21.46	PASS
		25	25	20.97	PASS
		50	0	21.52	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.87	PASS
		1	37	24.27	PASS
		1	74	24.42	PASS
		37	0	23.23	PASS
		37	18	23.27	PASS
		37	38	23.45	PASS
		75	0	23.59	PASS
	MCH	1	0	24.49	PASS
		1	37	23.68	PASS
		1	74	23.76	PASS
		37	0	23.03	PASS
		37	18	22.87	PASS
		37	38	22.95	PASS
		75	0	23.05	PASS
	HCH	1	0	23.74	PASS
		1	37	23.61	PASS
		1	74	22.99	PASS
		37	0	22.77	PASS
		37	18	22.68	PASS
		37	38	22.60	PASS
		75	0	22.68	PASS
16QAM	LCH	1	0	23.24	PASS
		1	37	23.55	PASS
		1	74	23.73	PASS
		37	0	22.20	PASS

		37	18	22.27	PASS	
		37	38	22.42	PASS	
		75	0	22.37	PASS	
	MCH	1	0	23.73	PASS	
		1	37	22.85	PASS	
		1	74	23.25	PASS	
		37	0	22.18	PASS	
		37	18	22.29	PASS	
		37	38	21.94	PASS	
		75	0	22.03	PASS	
		HCH	1	0	22.87	PASS
			1	37	22.69	PASS
	1		74	22.48	PASS	
	37		0	21.52	PASS	
	37		18	21.53	PASS	
	37		38	21.47	PASS	
			75	0	21.59	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.07	PASS
		1	49	24.30	PASS
		1	99	24.60	PASS
		50	0	23.15	PASS
		50	25	23.30	PASS
		50	50	23.43	PASS
		100	0	23.30	PASS
	MCH	1	0	24.59	PASS
		1	49	23.66	PASS
		1	99	23.72	PASS
		50	0	23.17	PASS
		50	25	22.86	PASS
		50	50	23.00	PASS
		100	0	23.09	PASS
	HCH	1	0	24.05	PASS
		1	49	23.69	PASS
		1	99	22.96	PASS
		50	0	22.73	PASS
		50	25	22.56	PASS
		50	50	22.48	PASS
		100	0	22.60	PASS

16QAM	LCH	1	0	23.23	PASS
		1	49	23.50	PASS
		1	99	23.76	PASS
		50	0	22.20	PASS
		50	25	22.30	PASS
		50	50	22.42	PASS
		100	0	22.33	PASS
	MCH	1	0	23.74	PASS
		1	49	22.87	PASS
		1	99	23.20	PASS
		50	0	22.22	PASS
		50	25	21.91	PASS
		50	50	22.04	PASS
		100	0	22.14	PASS
	HCH	1	0	23.23	PASS
		1	49	22.83	PASS
		1	99	22.58	PASS
		50	0	21.76	PASS
		50	25	21.61	PASS
		50	50	21.53	PASS
		100	0	21.61	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	3.36	<13	PASS
		1	12	3.6	<13	PASS
		1	24	3.82	<13	PASS
		12	0	4.81	<13	PASS
		12	6	4.87	<13	PASS
		12	13	5.11	<13	PASS
		25	0	5.35	<13	PASS
	MCH	1	0	3.7	<13	PASS
		1	12	3.83	<13	PASS
		1	24	3.46	<13	PASS
		12	0	5.1	<13	PASS
		12	6	5.07	<13	PASS
		12	13	4.99	<13	PASS
		25	0	5.43	<13	PASS
	HCH	1	0	2.48	<13	PASS
		1	12	3.01	<13	PASS
		1	24	2.8	<13	PASS
		12	0	3.99	<13	PASS
		12	6	4.09	<13	PASS
		12	13	4.21	<13	PASS
		25	0	4.65	<13	PASS
16QAM	LCH	1	0	4.43	<13	PASS
		1	12	4.62	<13	PASS
		1	24	4.77	<13	PASS
		12	0	5.75	<13	PASS
		12	6	5.79	<13	PASS
		12	13	5.98	<13	PASS
		25	0	6.18	<13	PASS
	MCH	1	0	4.43	<13	PASS
		1	12	4.57	<13	PASS
		1	24	4.33	<13	PASS
		12	0	6.02	<13	PASS
		12	6	5.99	<13	PASS

		12	13	5.97	<13	PASS
		25	0	6.21	<13	PASS
	HCH	1	0	3.6	<13	PASS
		1	12	3.76	<13	PASS
		1	24	3.54	<13	PASS
		12	0	4.82	<13	PASS
		12	6	4.72	<13	PASS
		12	13	4.81	<13	PASS
		25	0	5.35	<13	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.42	<13	PASS
		1	24	3.91	<13	PASS
		1	49	4.05	<13	PASS
		25	0	5.14	<13	PASS
		25	12	5.26	<13	PASS
		25	25	5.37	<13	PASS
		50	0	5.43	<13	PASS
	MCH	1	0	3.7	<13	PASS
		1	24	3.9	<13	PASS
		1	49	3.37	<13	PASS
		25	0	5.26	<13	PASS
		25	12	5.22	<13	PASS
		25	25	5.02	<13	PASS
		50	0	5.4	<13	PASS
	HCH	1	0	2.42	<13	PASS
		1	24	2.48	<13	PASS
		1	49	3.11	<13	PASS
		25	0	4.24	<13	PASS
		25	12	4.08	<13	PASS
		25	25	4.32	<13	PASS
		50	0	4.78	<13	PASS
16QAM	LCH	1	0	4.41	<13	PASS
		1	24	4.79	<13	PASS
		1	49	4.9	<13	PASS
		25	0	6.04	<13	PASS
		25	12	6.16	<13	PASS
		25	25	6.18	<13	PASS

	MCH	50	0	6.22	<13	PASS
		1	0	4.58	<13	PASS
		1	24	4.77	<13	PASS
		1	49	4.19	<13	PASS
		25	0	6.08	<13	PASS
		25	12	6.05	<13	PASS
		25	25	5.94	<13	PASS
		50	0	6.18	<13	PASS
	HCH	1	0	3.48	<13	PASS
		1	24	3.46	<13	PASS
		1	49	3.86	<13	PASS
		25	0	5.1	<13	PASS
		25	12	4.96	<13	PASS
		25	25	5.11	<13	PASS
		50	0	5.56	<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	9.28	<13	PASS
		1	37	3.99	<13	PASS
		1	74	8.42	<13	PASS
		37	0	4.75	<13	PASS
		37	18	5.41	<13	PASS
		37	38	4.83	<13	PASS
		75	0	4.98	<13	PASS
	MCH	1	0	9.1	<13	PASS
		1	37	3.86	<13	PASS
		1	74	8.37	<13	PASS
		37	0	4.73	<13	PASS
		37	18	5.28	<13	PASS
		37	38	4.76	<13	PASS
		75	0	4.97	<13	PASS
	HCH	1	0	9.36	<13	PASS
		1	37	2.42	<13	PASS
		1	74	8.56	<13	PASS
		37	0	4.44	<13	PASS
		37	18	4.25	<13	PASS
		37	38	4.57	<13	PASS
		75	0	4.97	<13	PASS

16QAM	LCH	1	0	9.45	<13	PASS
		1	37	4.84	<13	PASS
		1	74	8.8	<13	PASS
		37	0	6.03	<13	PASS
		37	18	6.24	<13	PASS
		37	38	6.11	<13	PASS
		75	0	6.27	<13	PASS
	MCH	1	0	8.96	<13	PASS
		1	37	4.7	<13	PASS
		1	74	9.54	<13	PASS
		37	0	5.97	<13	PASS
		37	18	6.14	<13	PASS
		37	38	6.04	<13	PASS
		75	0	6.29	<13	PASS
	HCH	1	0	9.77	<13	PASS
		1	37	3.43	<13	PASS
		1	74	9.37	<13	PASS
		37	0	5.69	<13	PASS
		37	18	5.21	<13	PASS
		37	38	5.77	<13	PASS
		75	0	6.04	<13	PASS

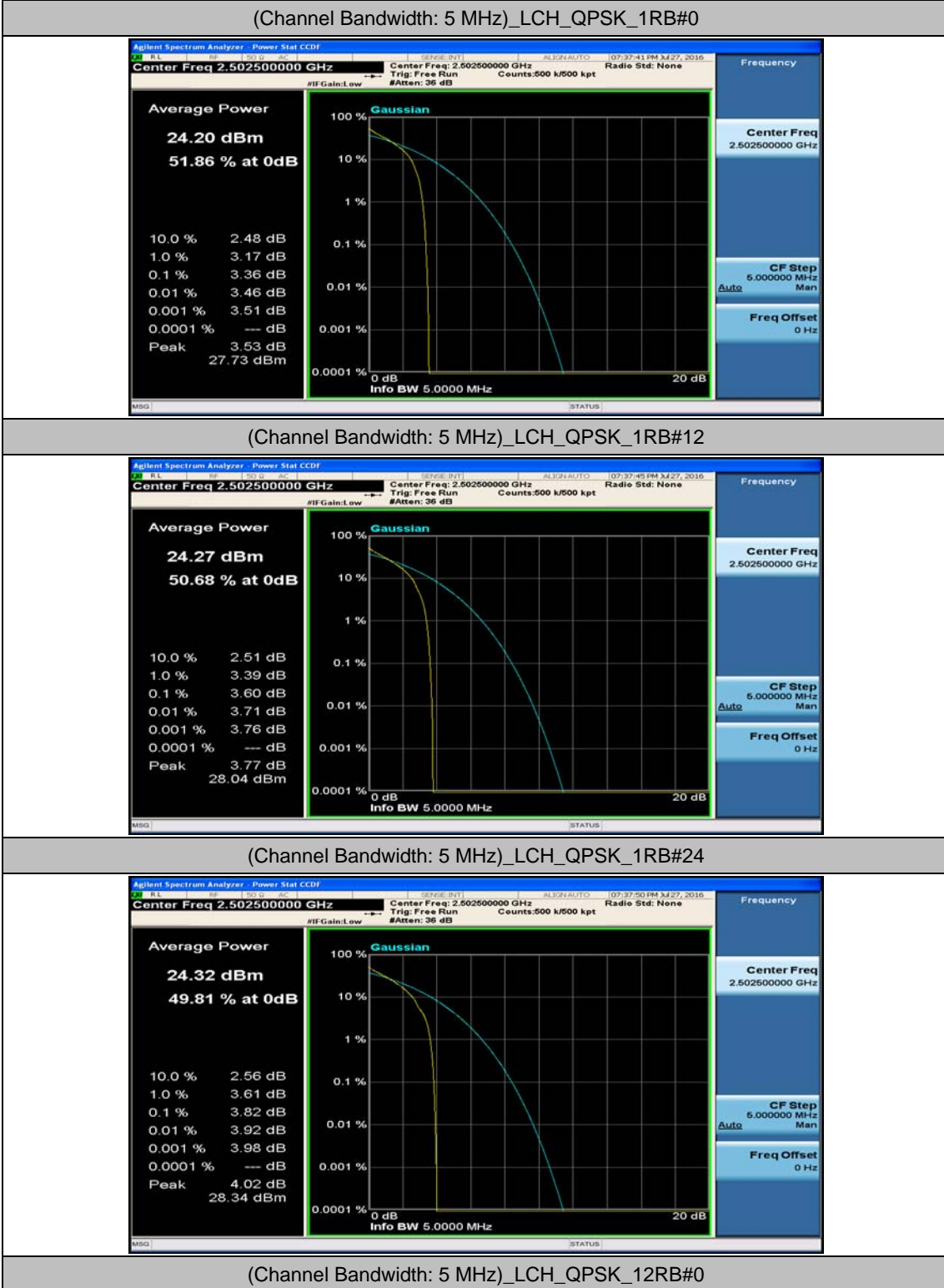
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	8.95	<13	PASS
		1	49	4.03	<13	PASS
		1	99	8.51	<13	PASS
		50	0	5.59	<13	PASS
		50	25	5.48	<13	PASS
		50	50	5.84	<13	PASS
		100	0	5.67	<13	PASS
	MCH	1	0	8.73	<13	PASS
		1	49	3.89	<13	PASS
		1	99	8.8	<13	PASS
		50	0	5.5	<13	PASS
		50	25	5.37	<13	PASS
		50	50	5.77	<13	PASS
		100	0	5.71	<13	PASS
	HCH	1	0	8.72	<13	PASS

		1	49	2.49	<13	PASS
		1	99	8.43	<13	PASS
		50	0	5.36	<13	PASS
		50	25	4.72	<13	PASS
		50	50	5.55	<13	PASS
		100	0	5.67	<13	PASS
16QAM	LCH	1	0	8.82	<13	PASS
		1	49	4.81	<13	PASS
		1	99	8.97	<13	PASS
		50	0	6.64	<13	PASS
		50	25	6.3	<13	PASS
		50	50	6.67	<13	PASS
		100	0	6.87	<13	PASS
	MCH	1	0	9.44	<13	PASS
		1	49	4.66	<13	PASS
		1	99	8.65	<13	PASS
		50	0	6.61	<13	PASS
		50	25	6.2	<13	PASS
		50	50	6.67	<13	PASS
		100	0	6.83	<13	PASS
	HCH	1	0	9.08	<13	PASS
		1	49	3.49	<13	PASS
		1	99	8.77	<13	PASS
		50	0	6.35	<13	PASS
		50	25	5.5	<13	PASS
		50	50	6.41	<13	PASS
		100	0	6.54	<13	PASS

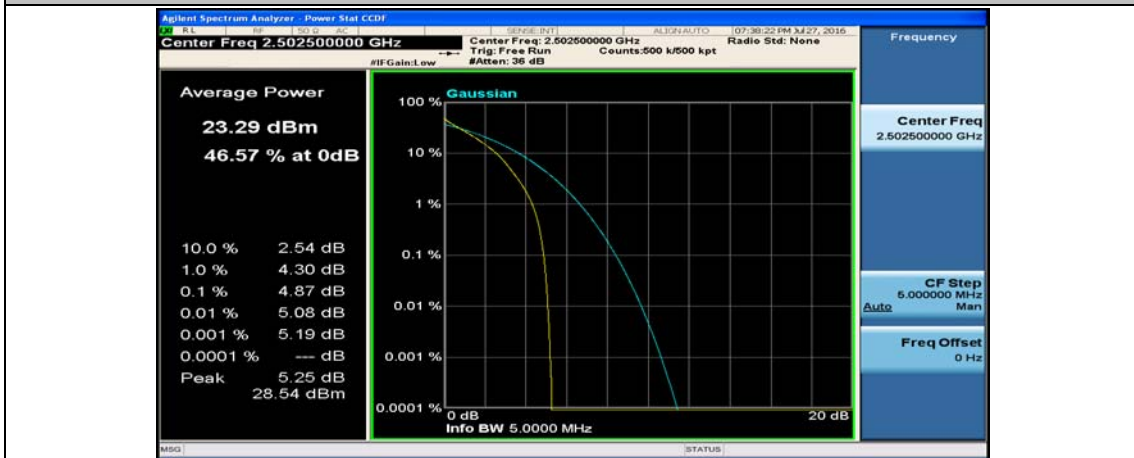
Test Graphs

Channel Bandwidth: 5 MHz





(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



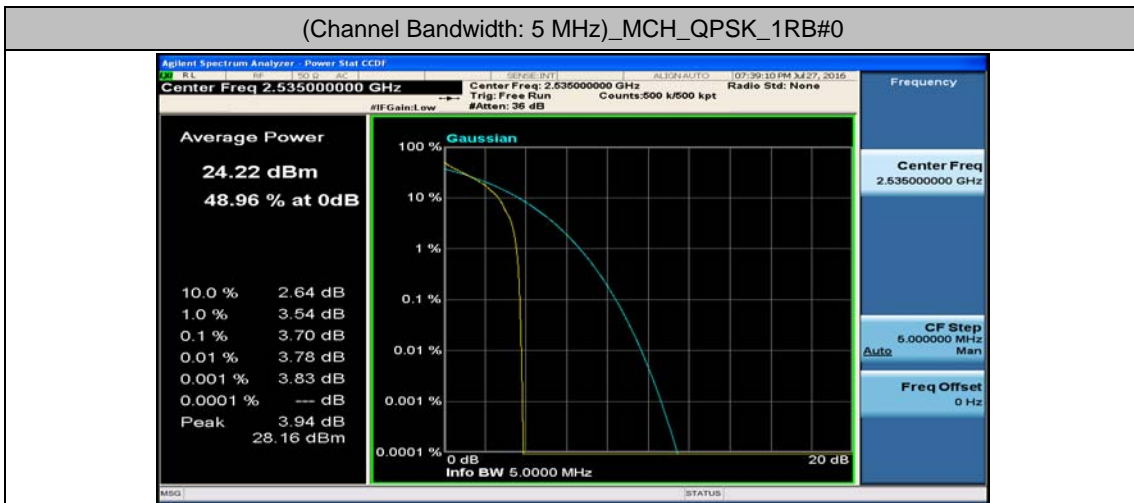
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(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



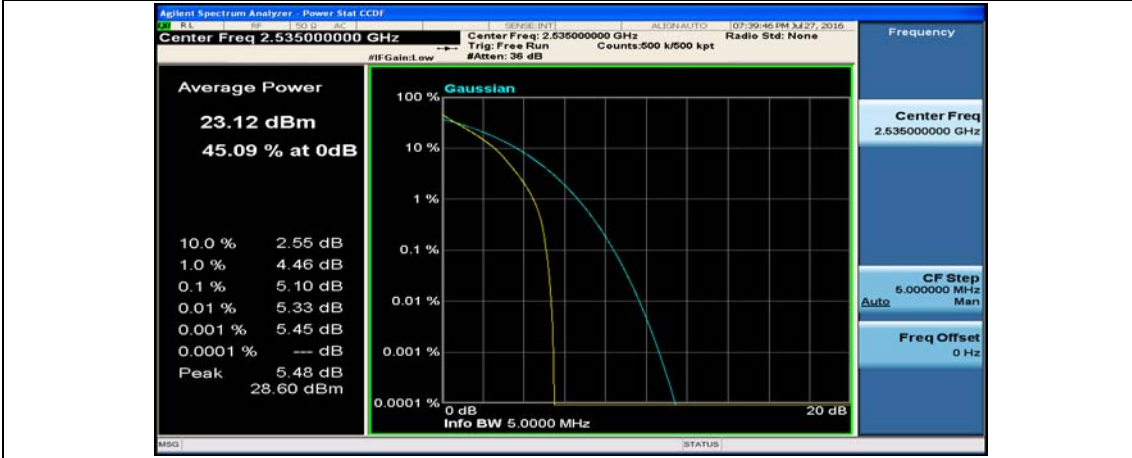
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(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



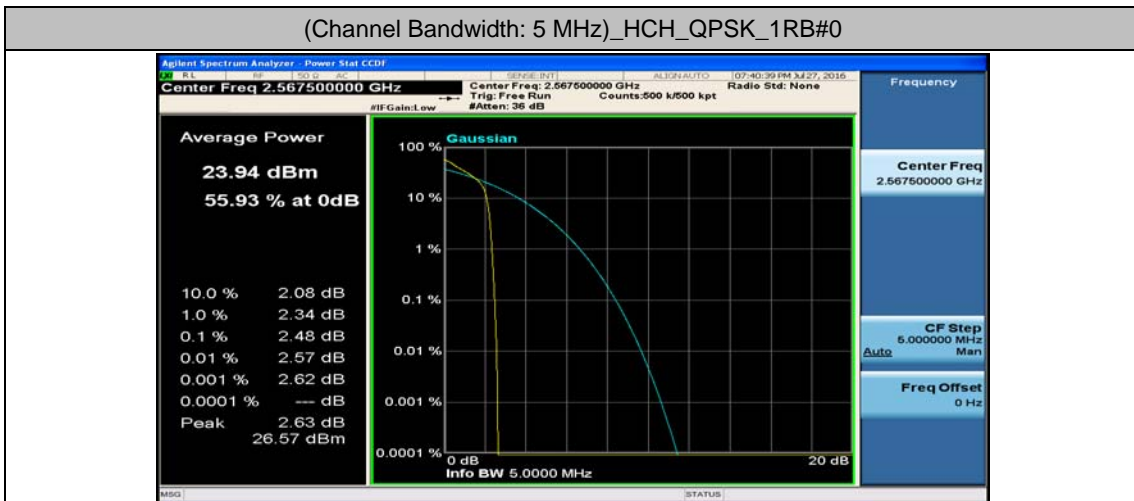
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



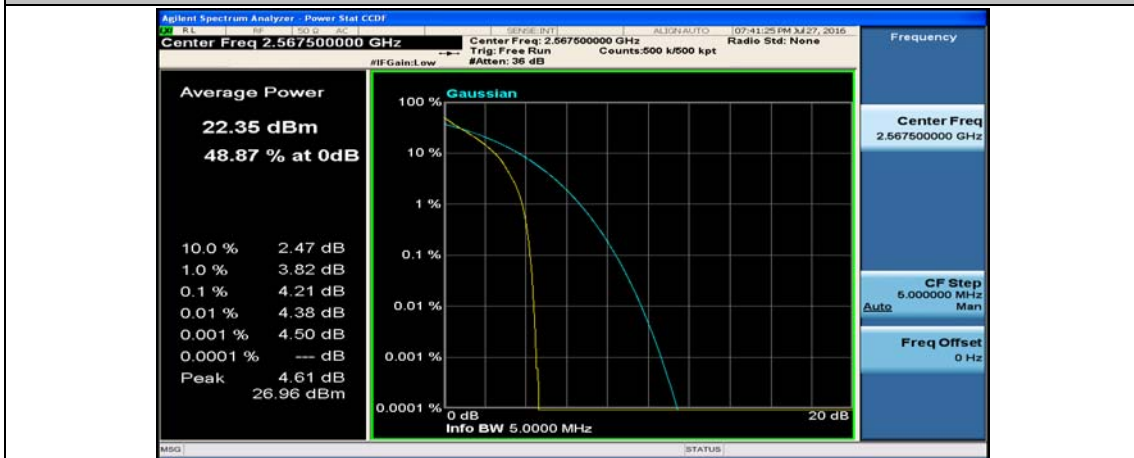
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



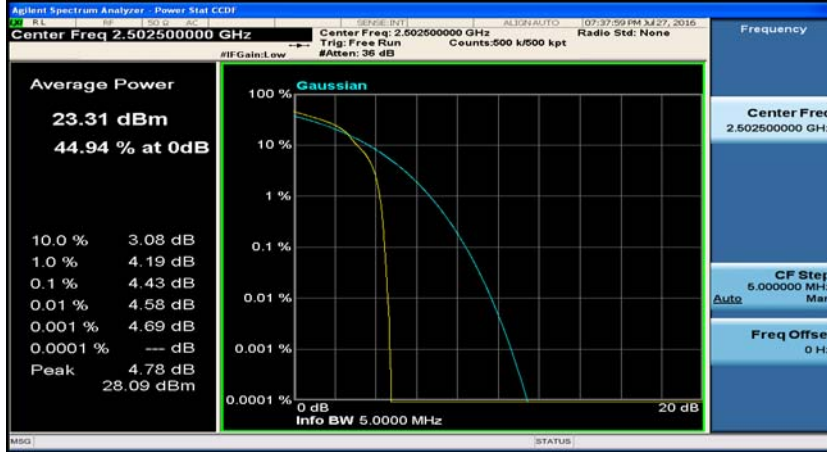
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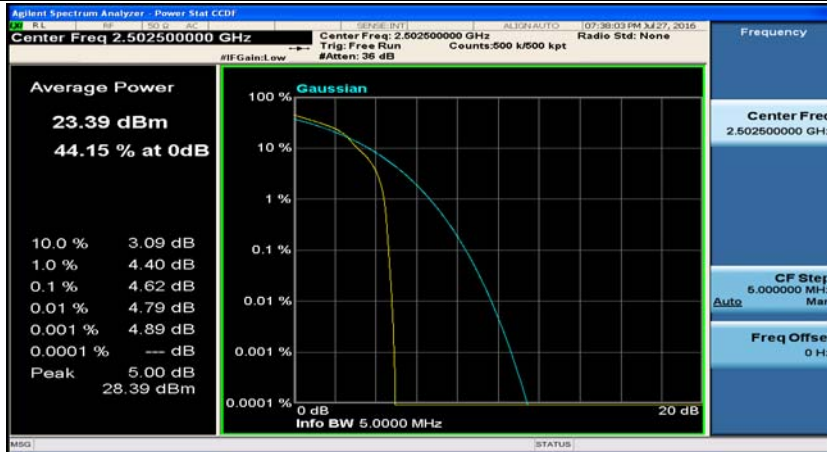
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(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



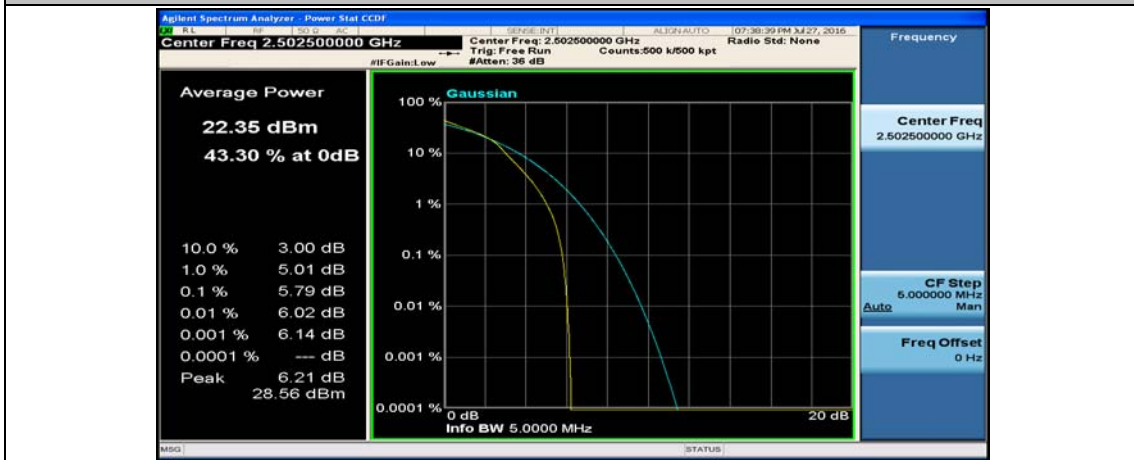
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(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



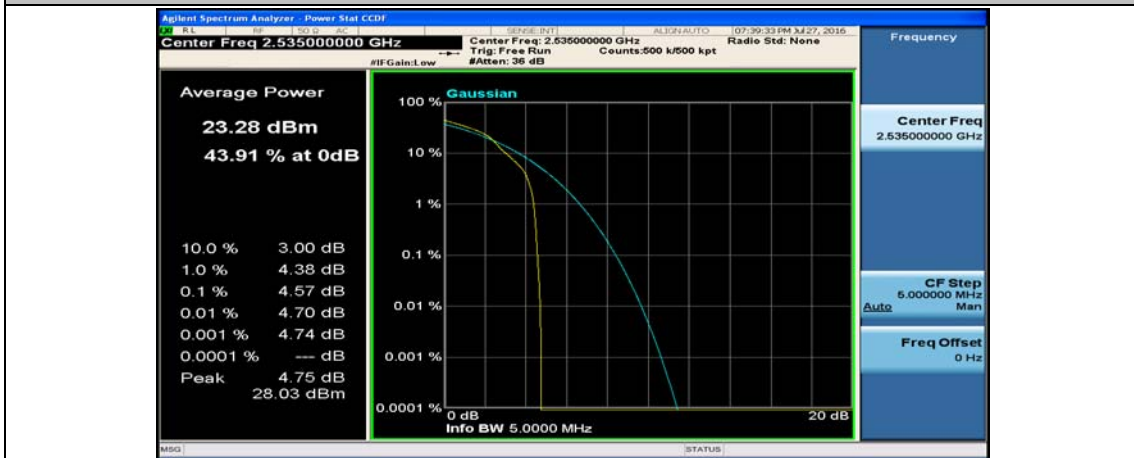
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(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



(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



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



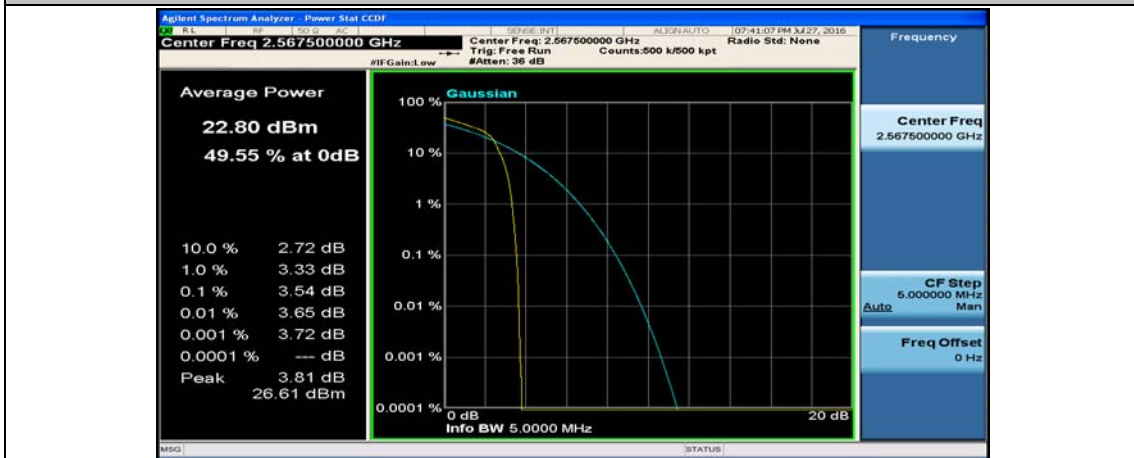
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(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



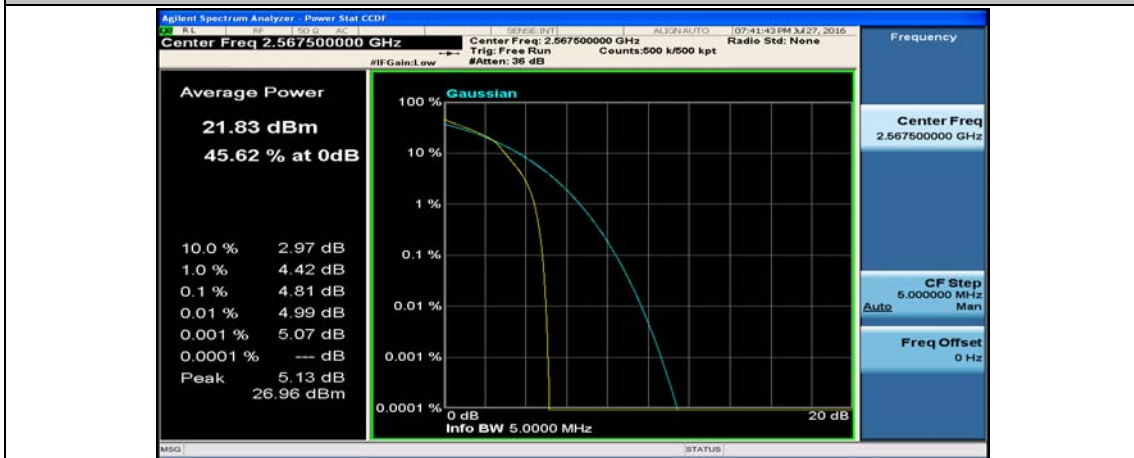
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(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



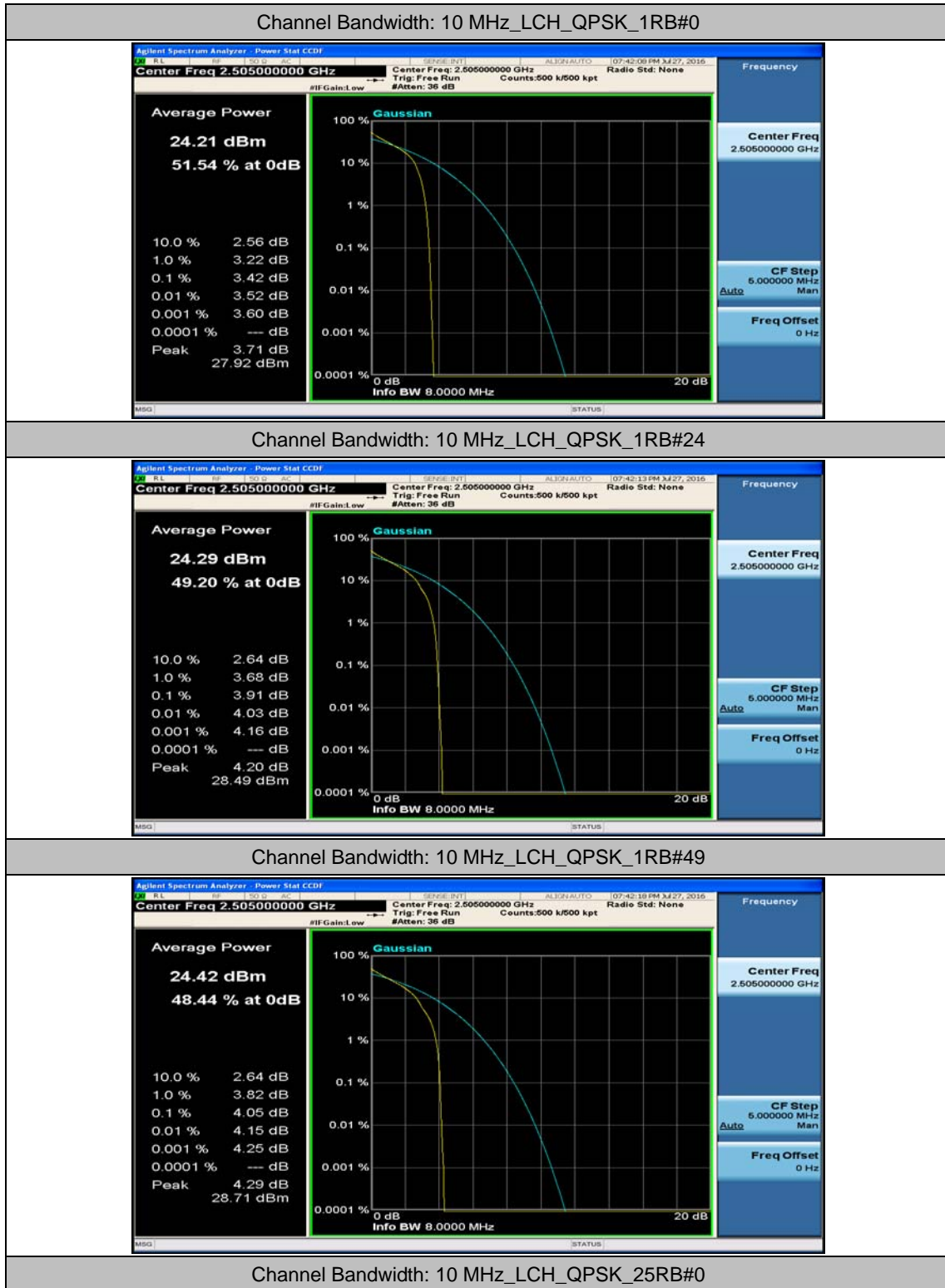
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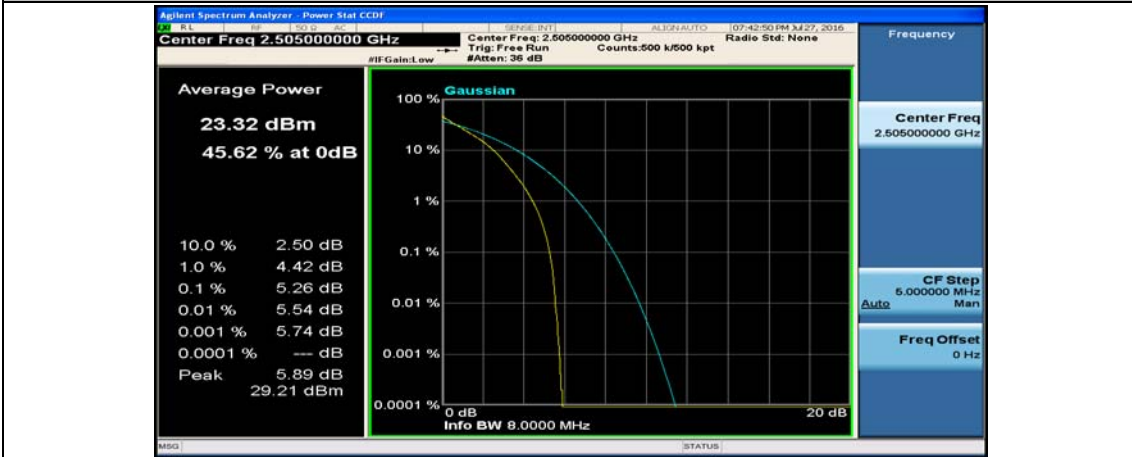
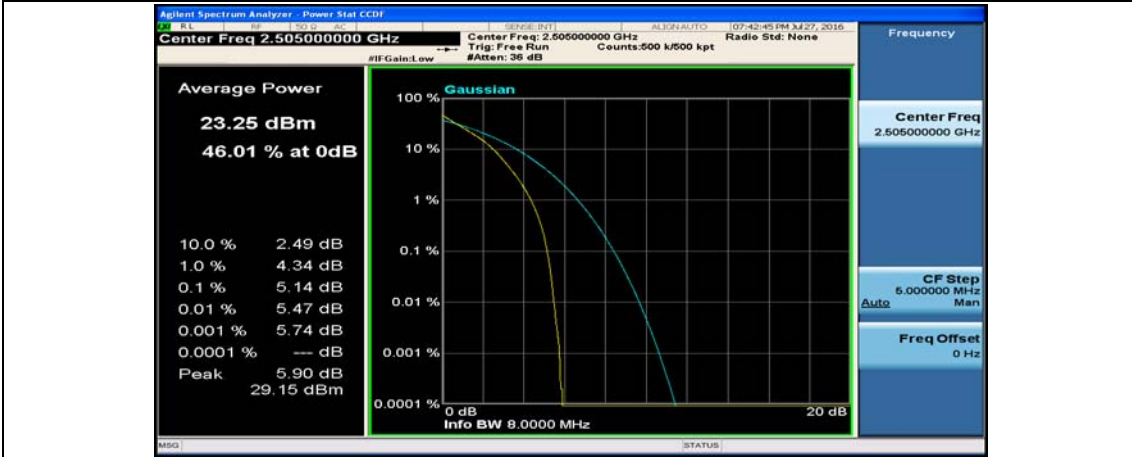


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



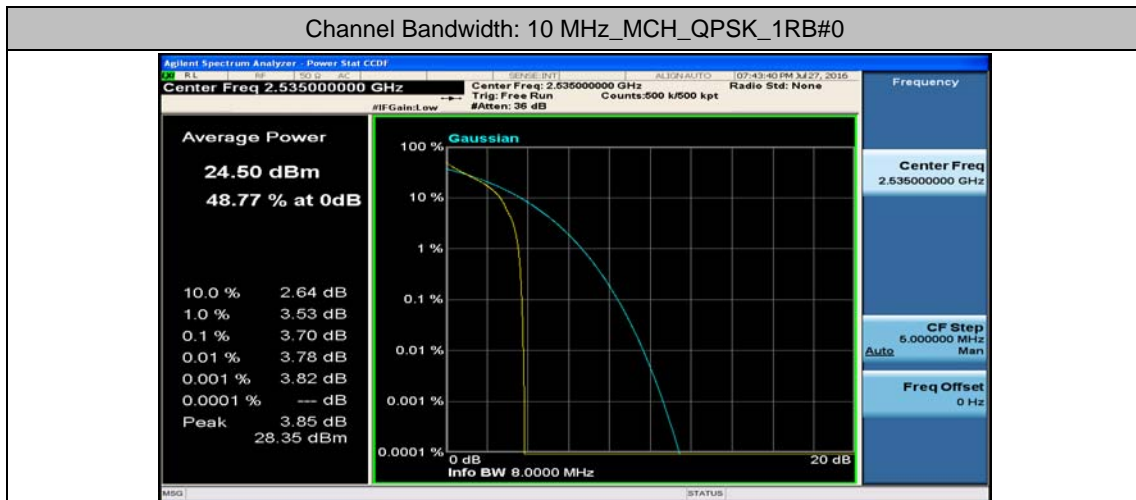
Channel Bandwidth: 10 MHz







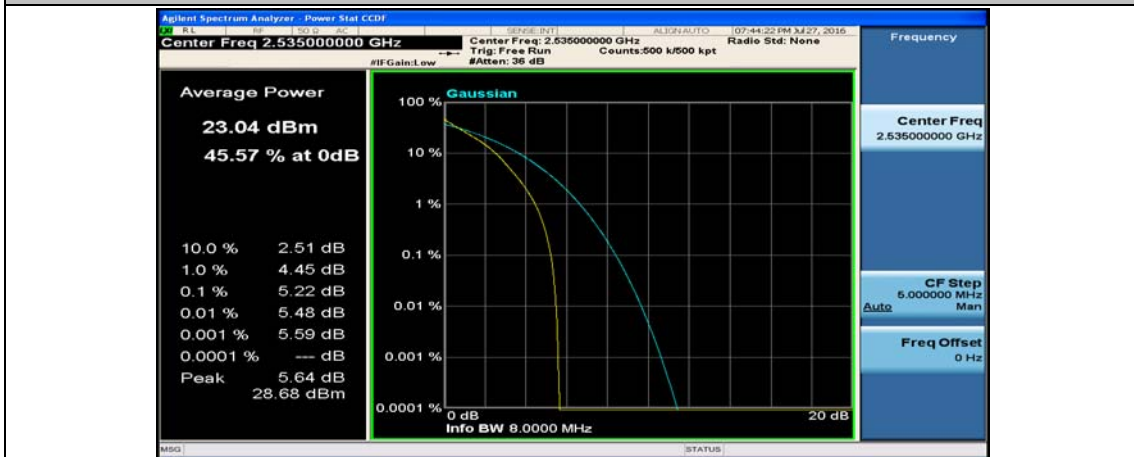
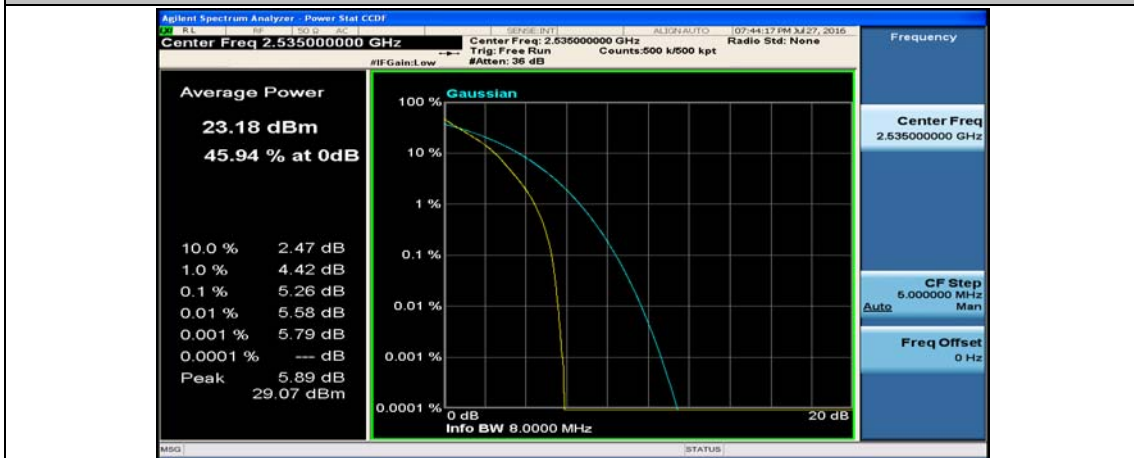
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Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

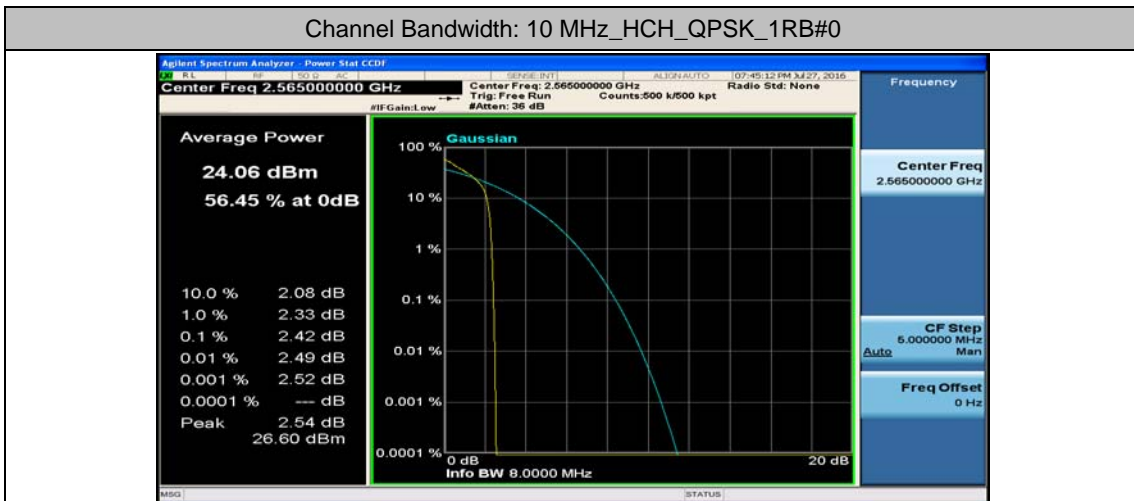




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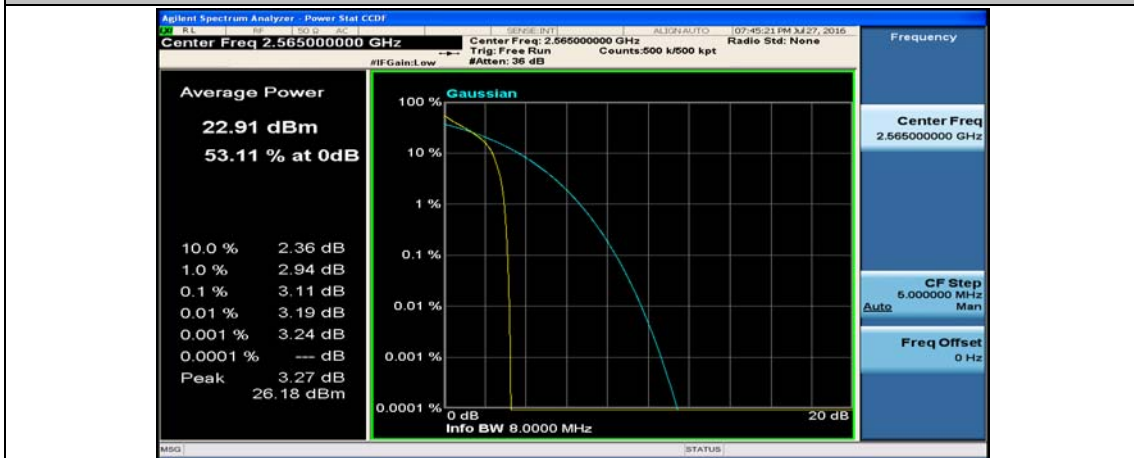
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Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



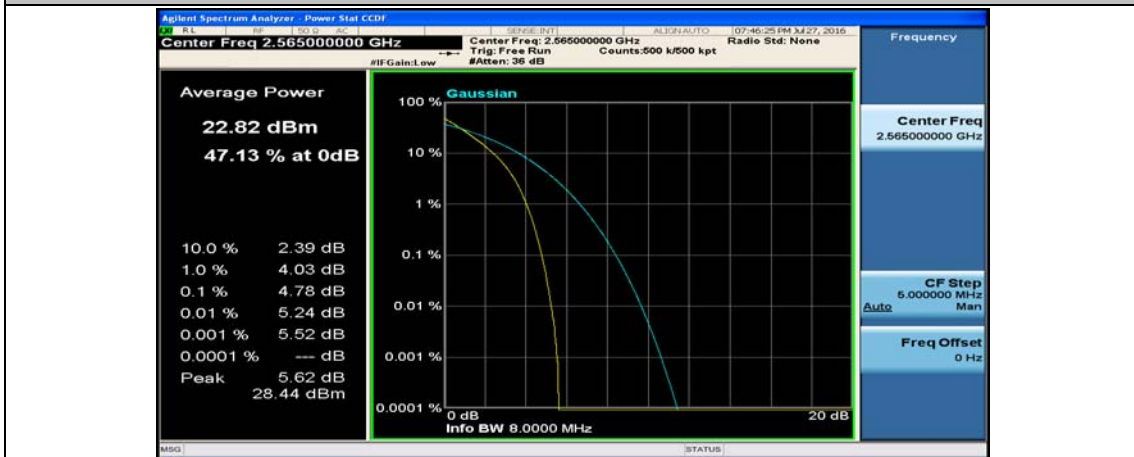
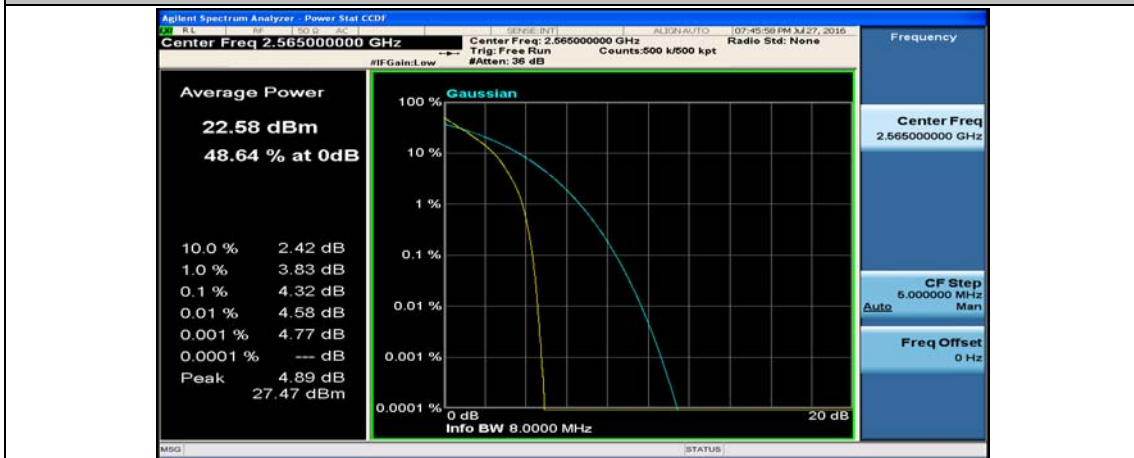
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



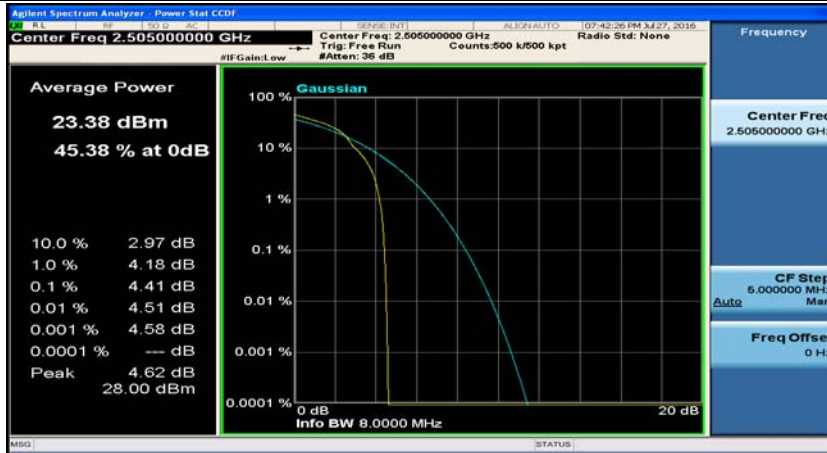
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



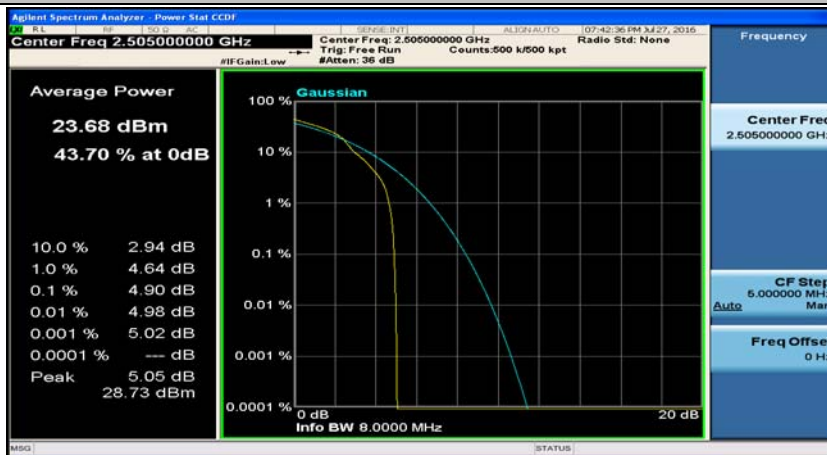
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



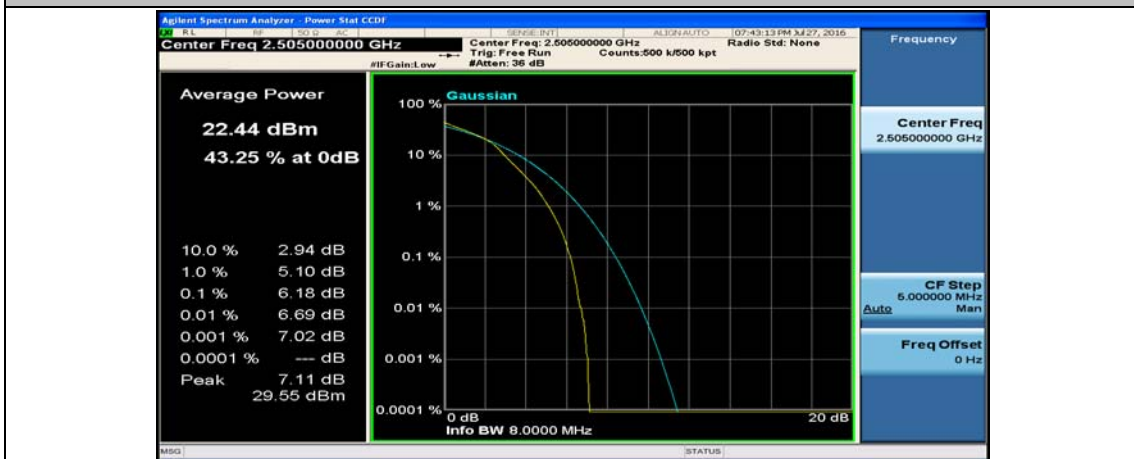
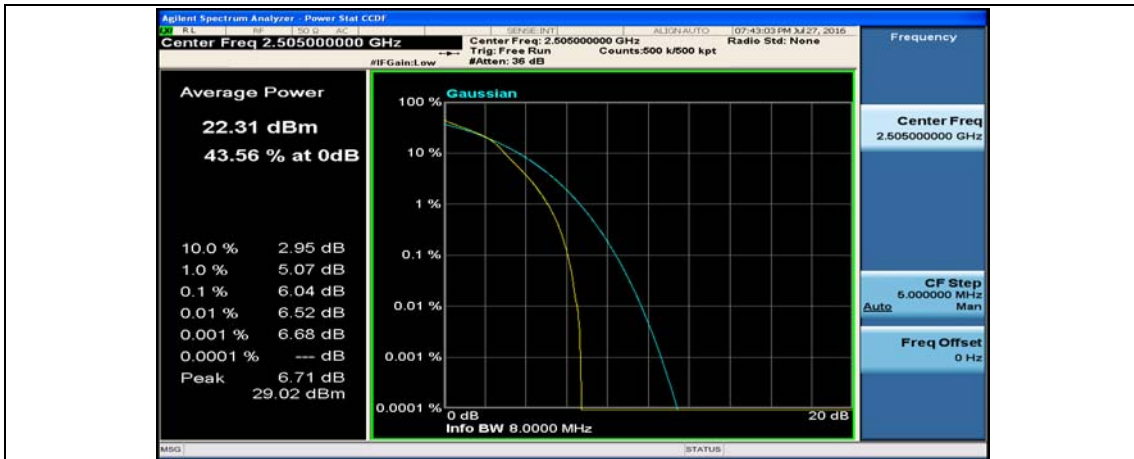
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

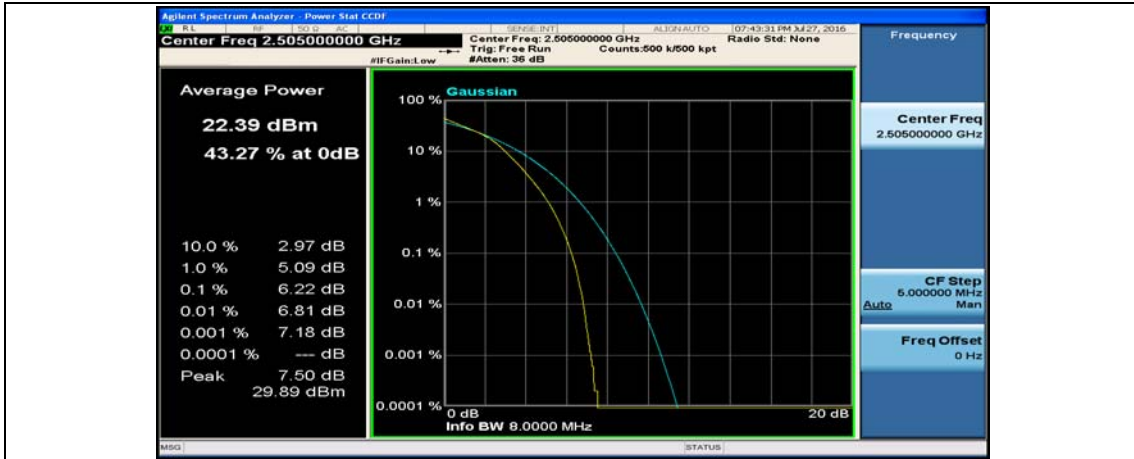


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0

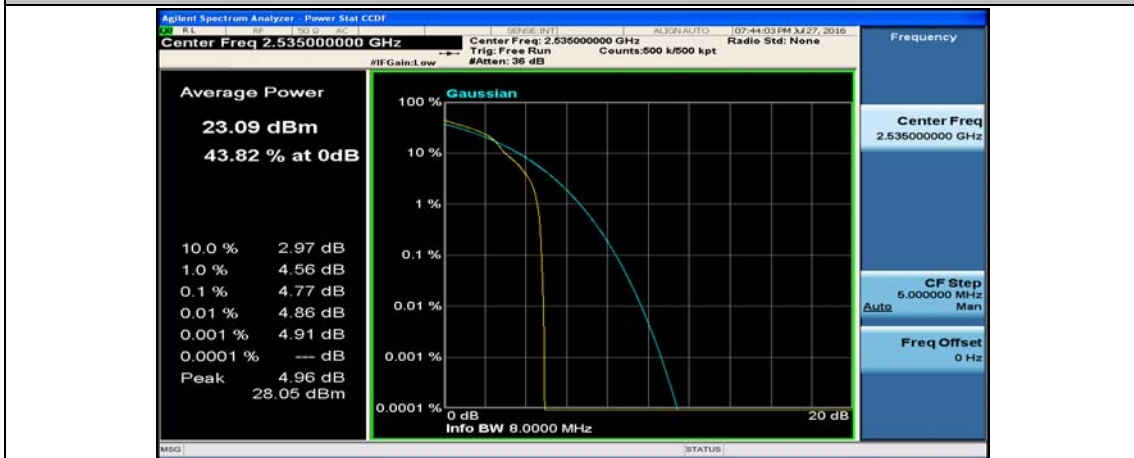




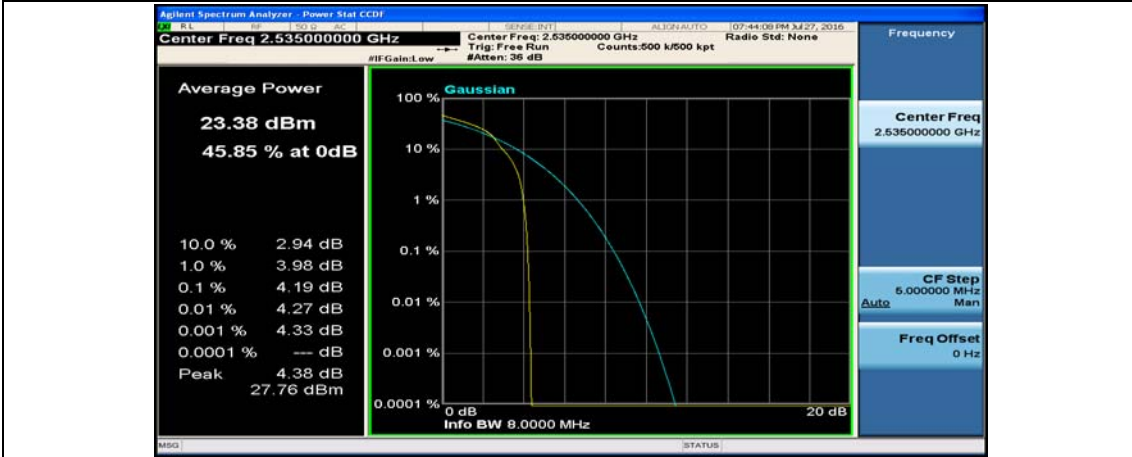
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



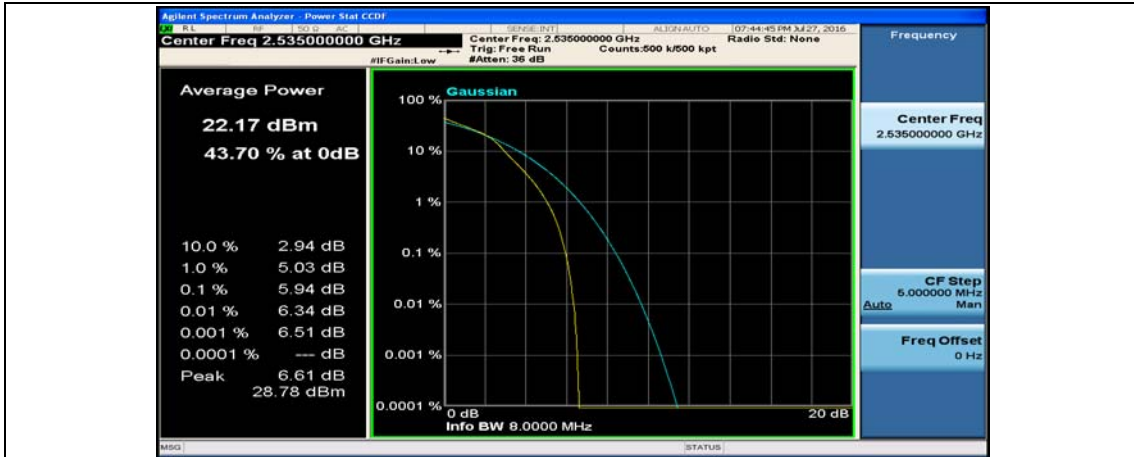
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0



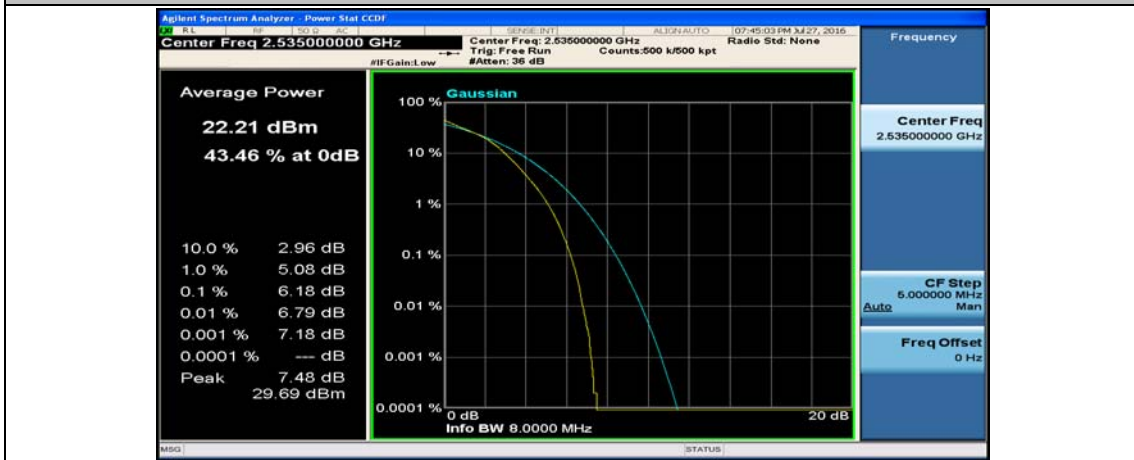
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

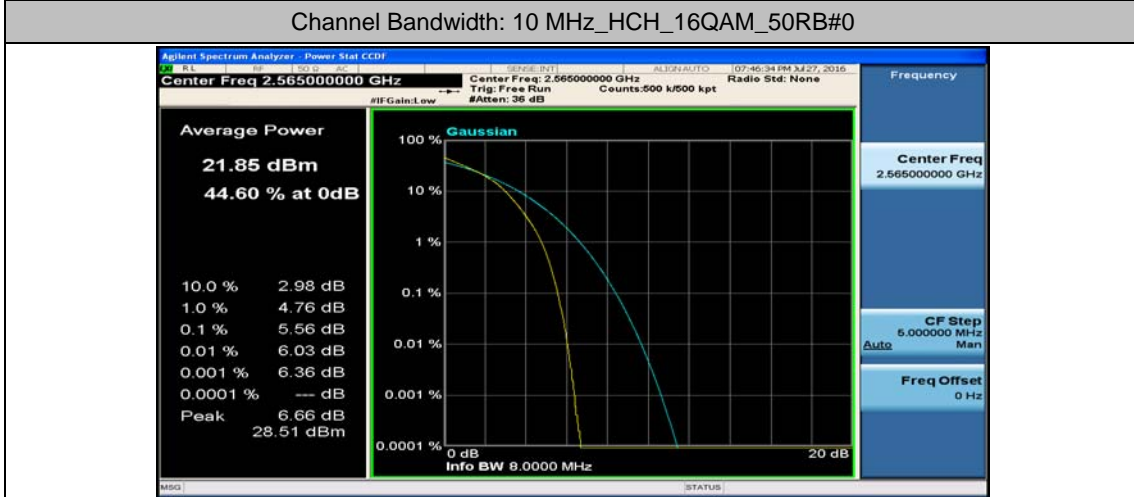
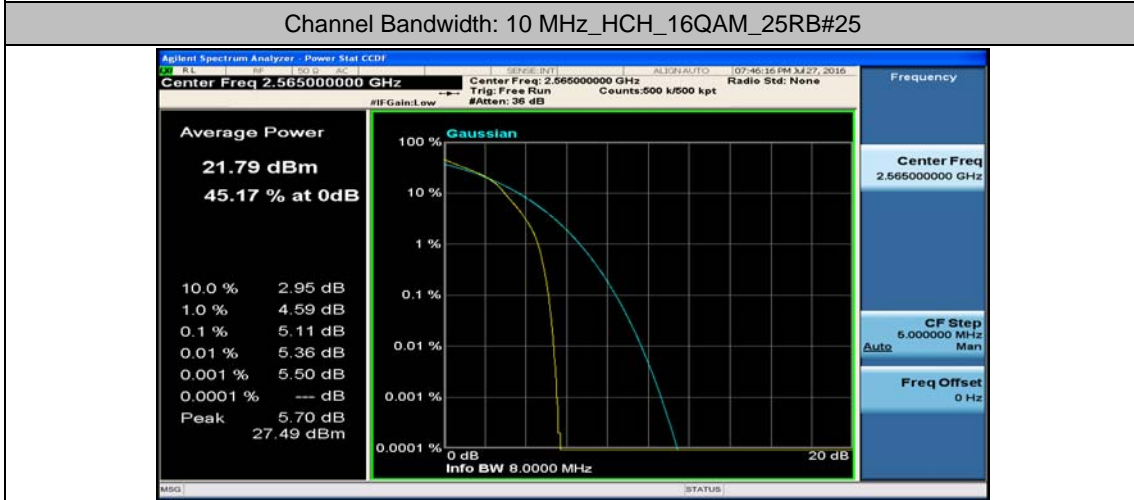


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

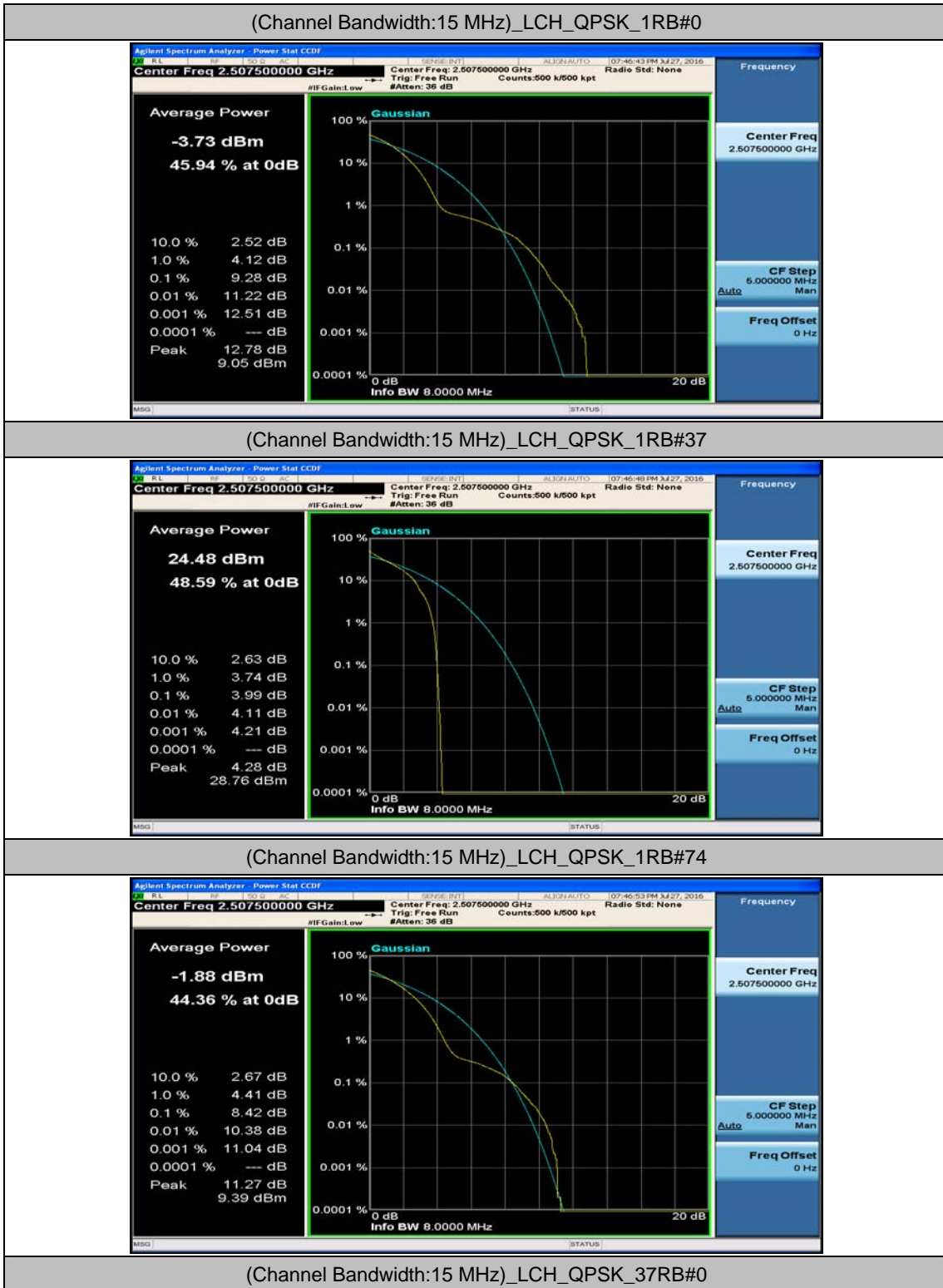


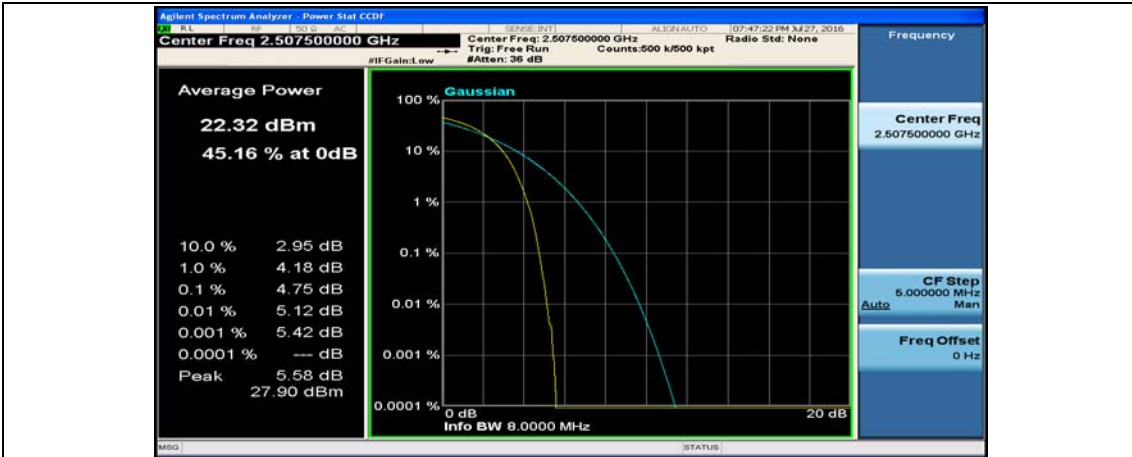
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



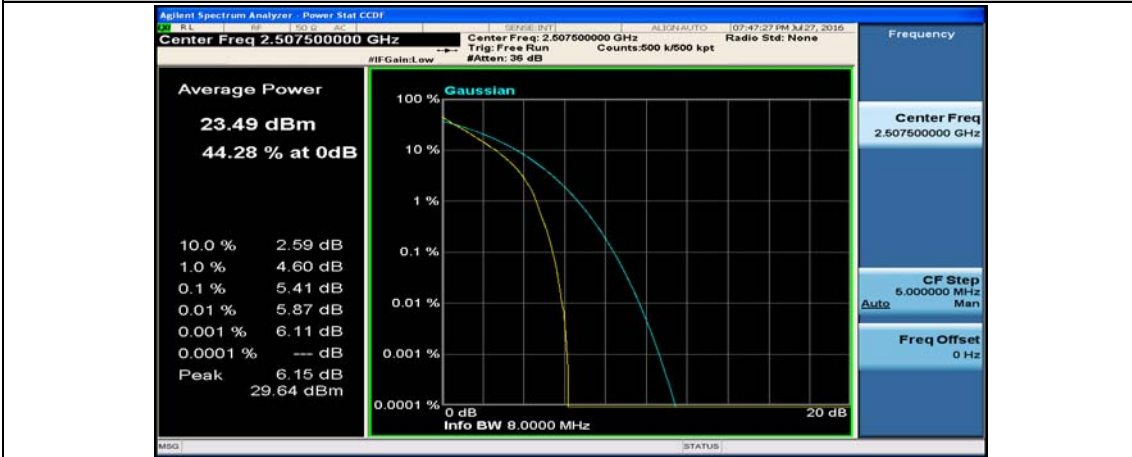


Channel Bandwidth: 15 MHz





(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18



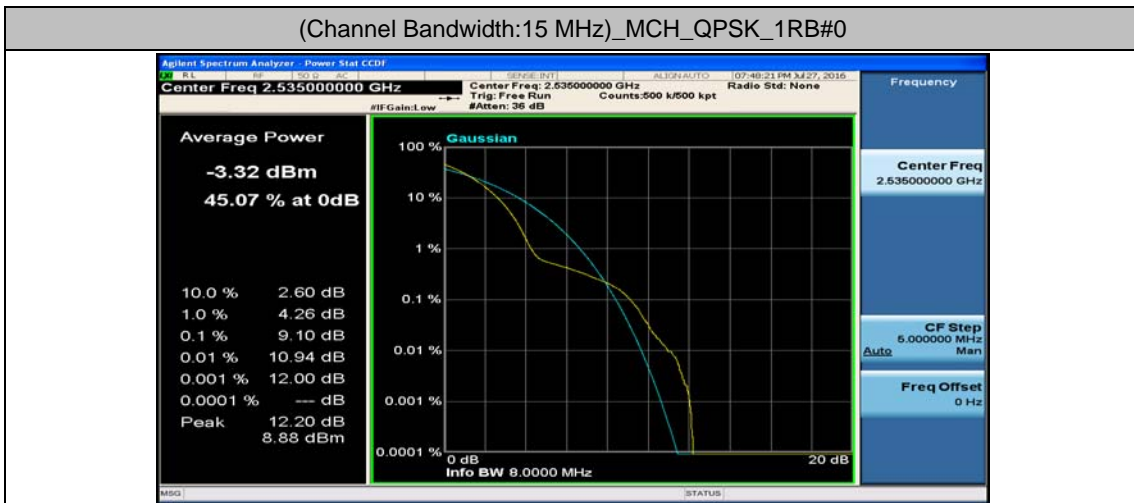
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38



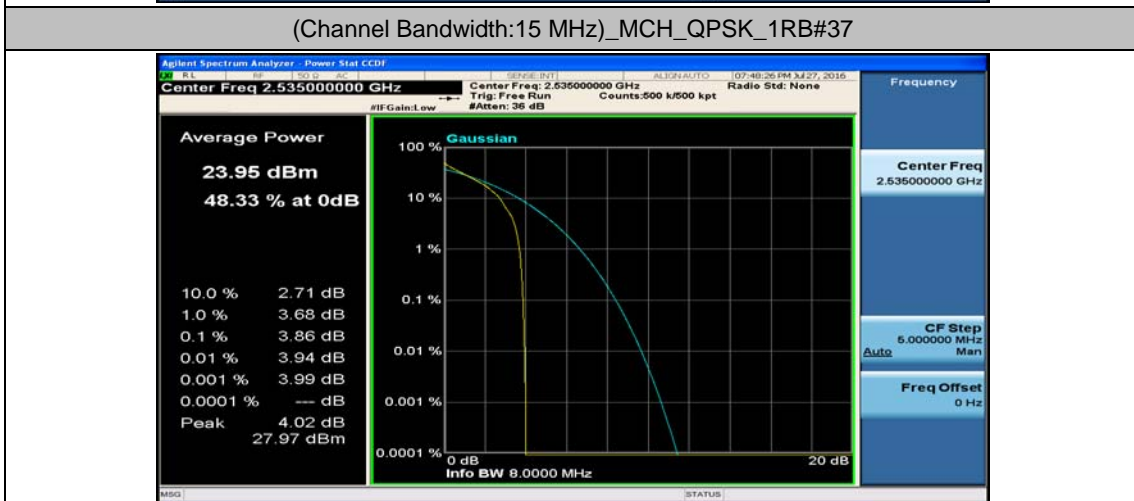
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



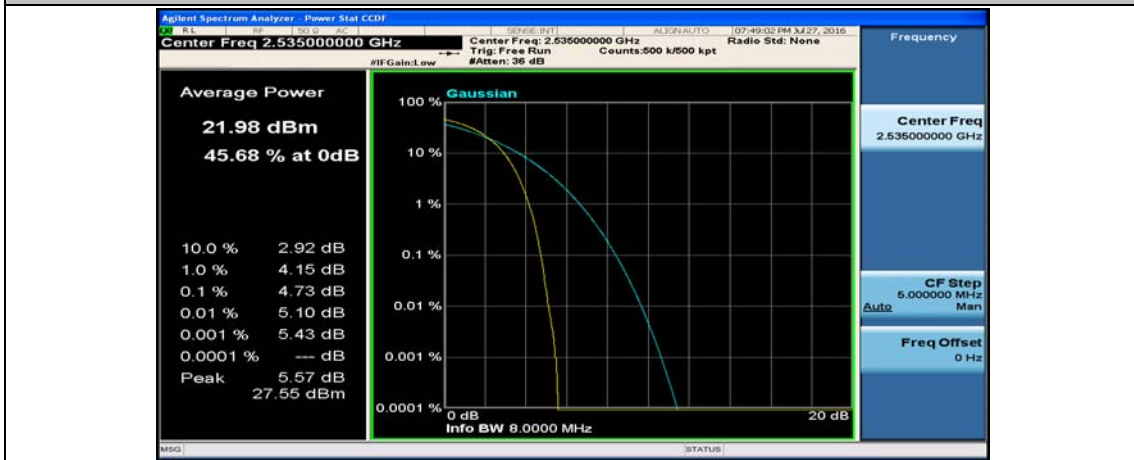
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37



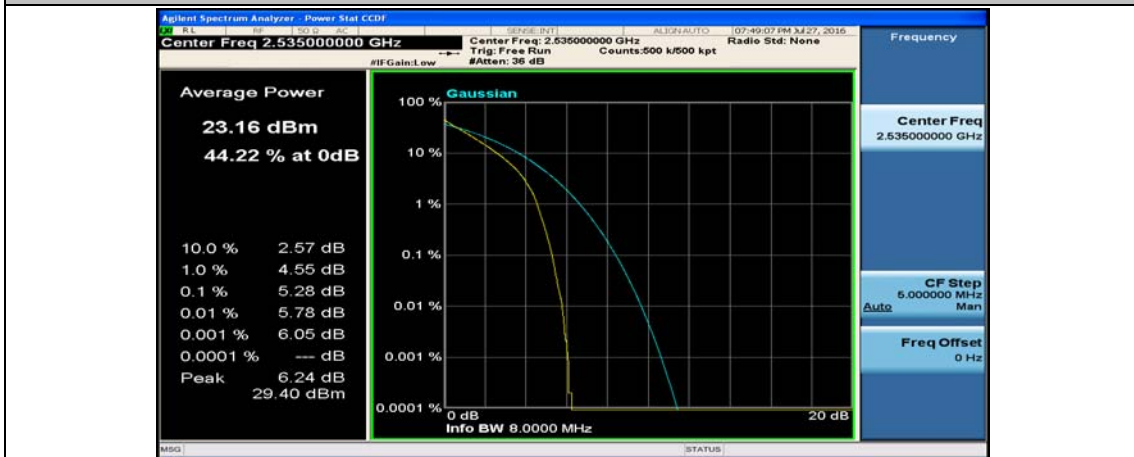
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74



(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



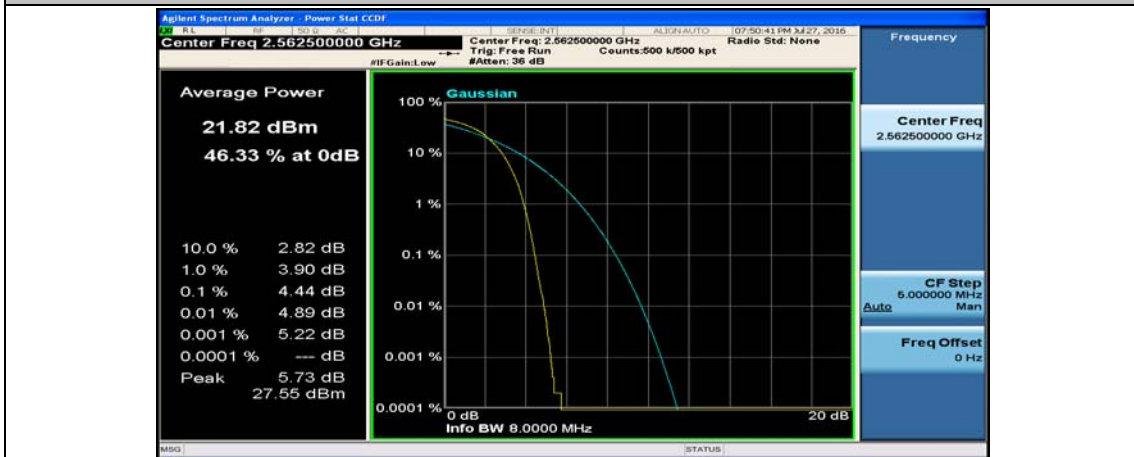
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37



(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



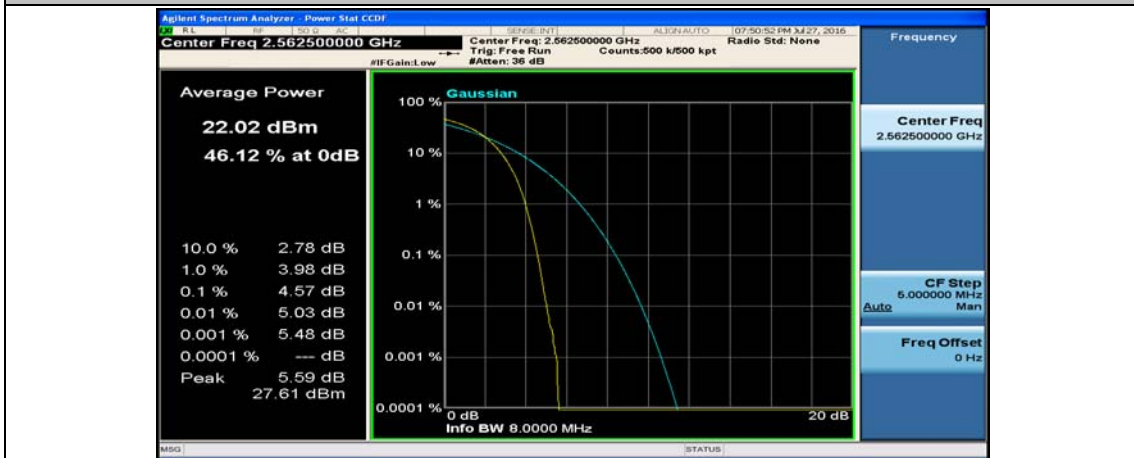
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38



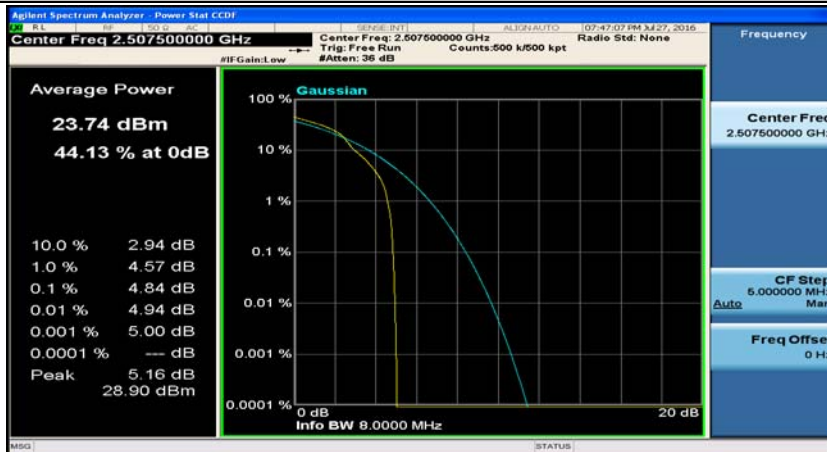
(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37



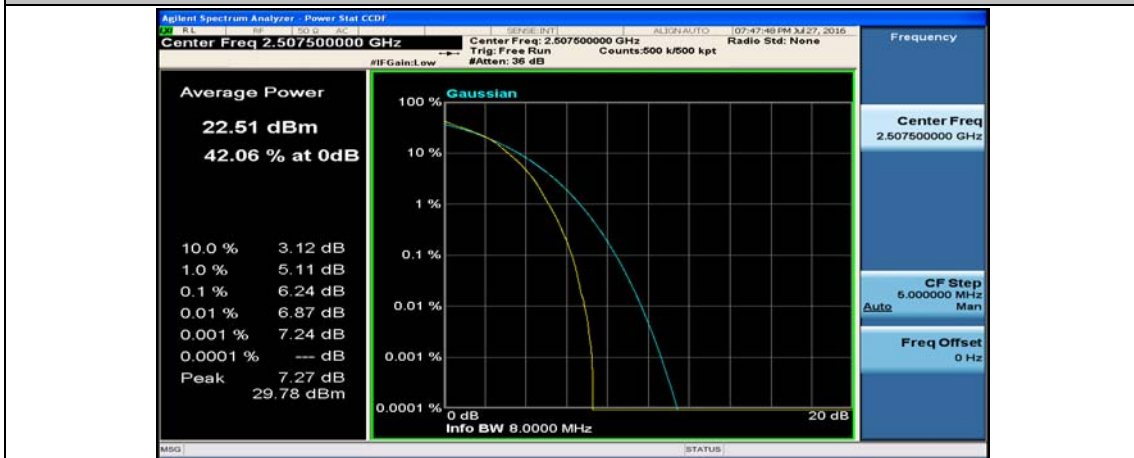
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38



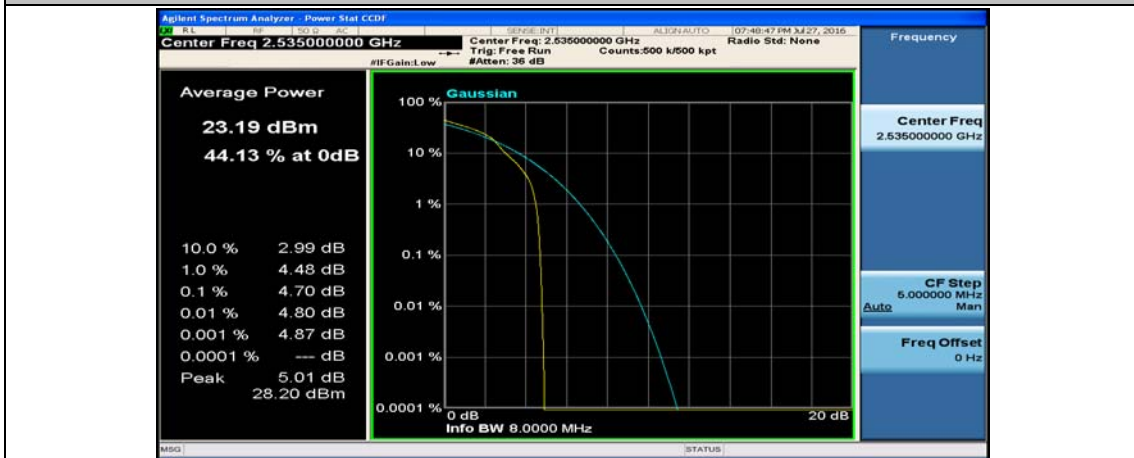
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



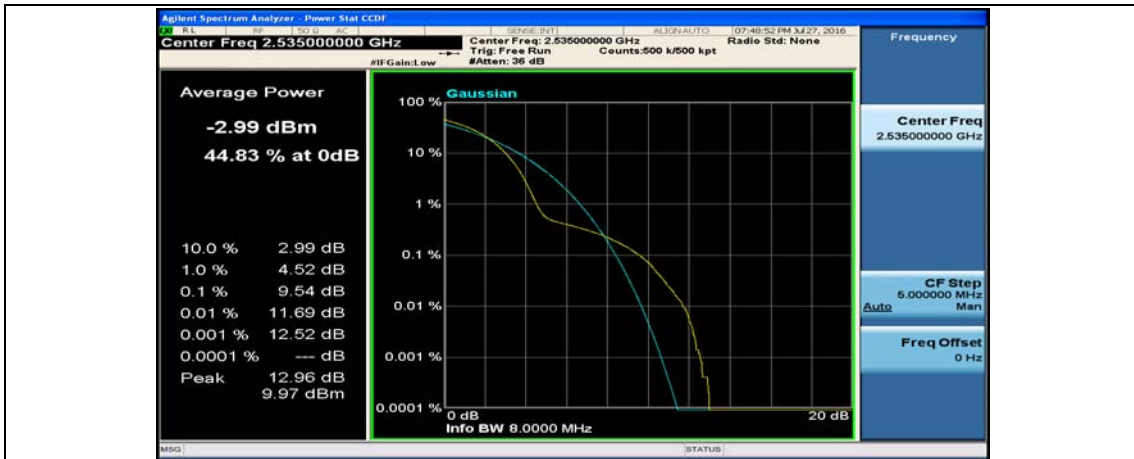
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37



(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74



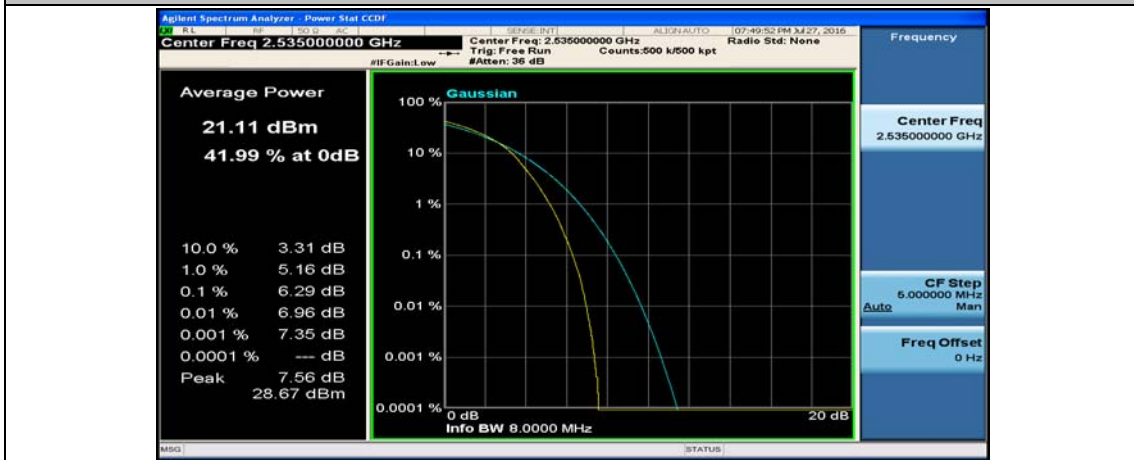
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0



(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18



(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38





(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74



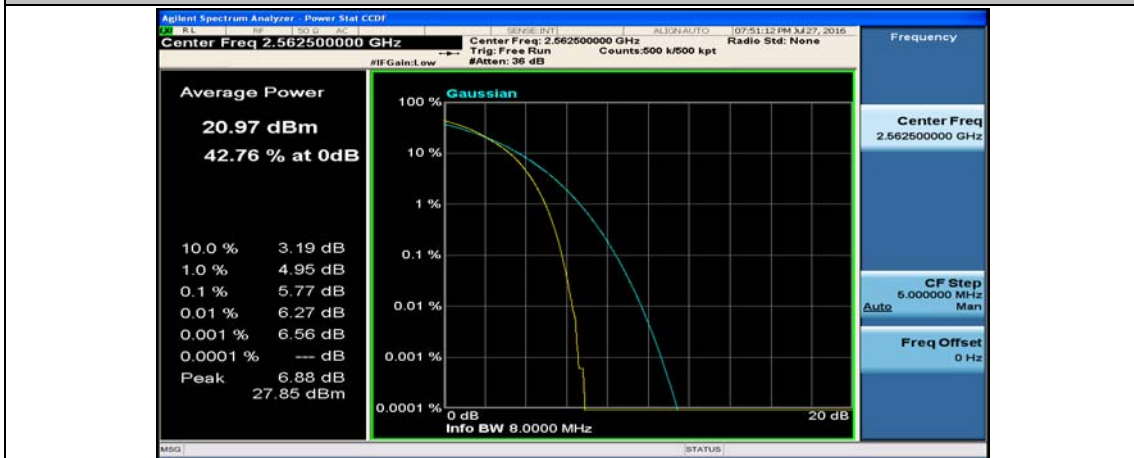
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18



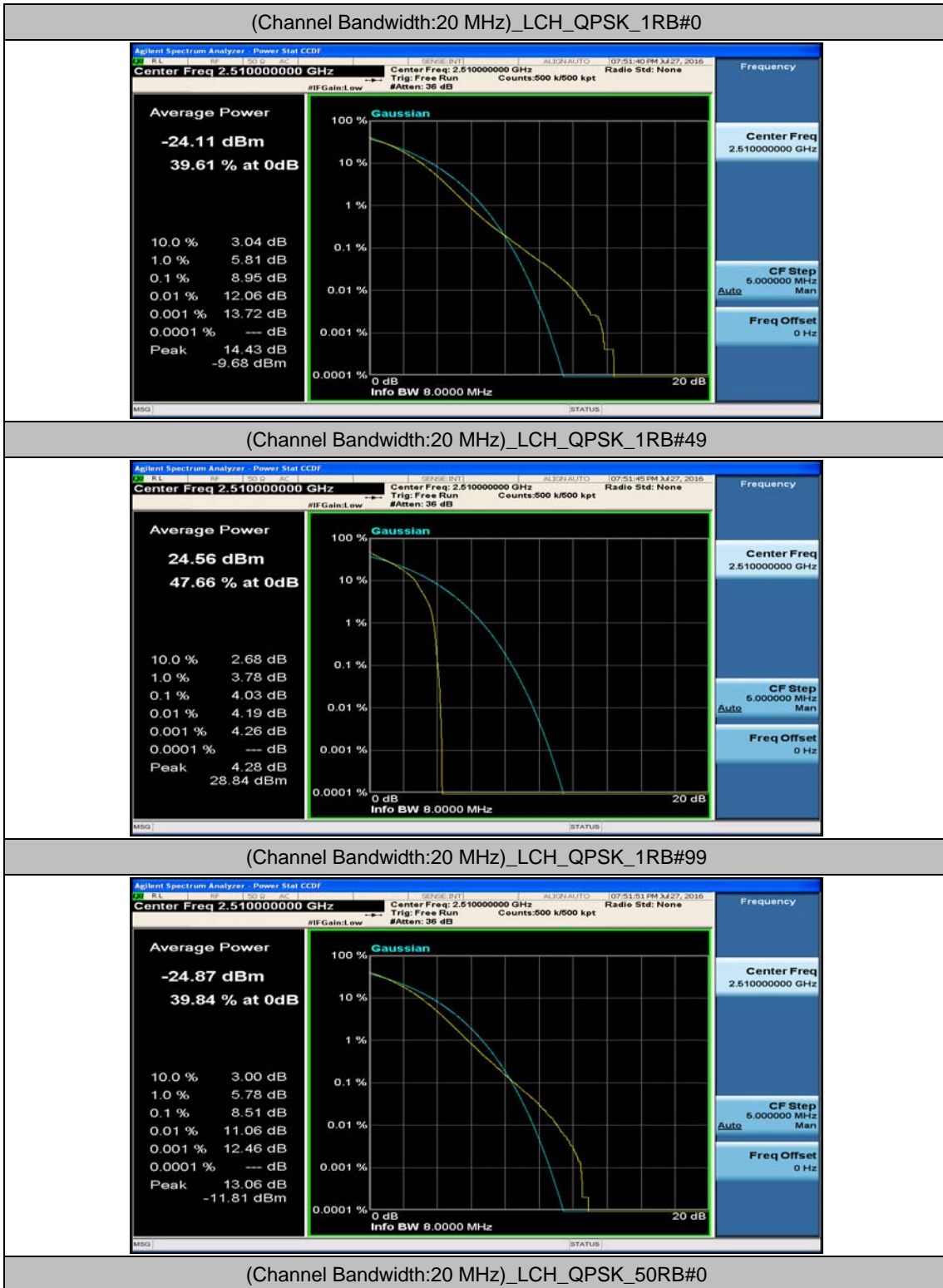
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38



(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0



Channel Bandwidth: 20 MHz

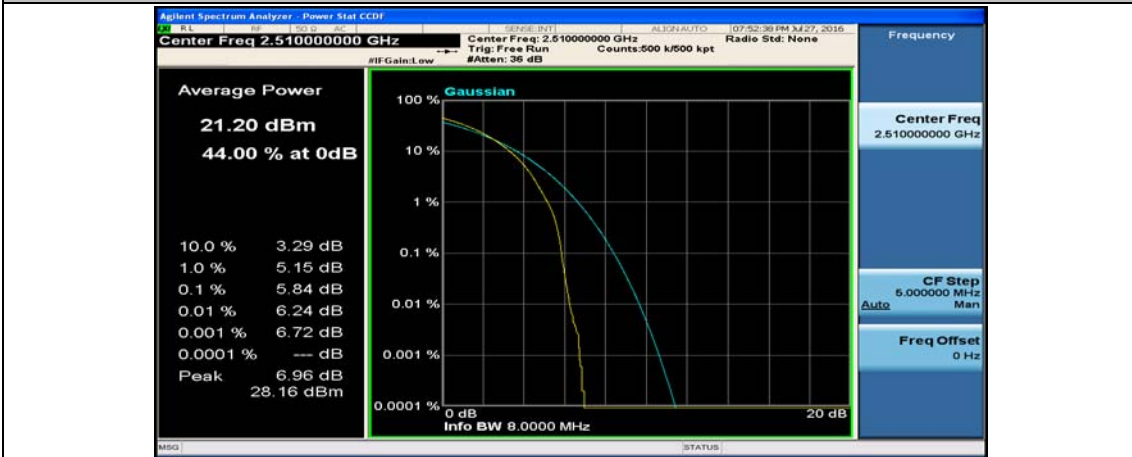




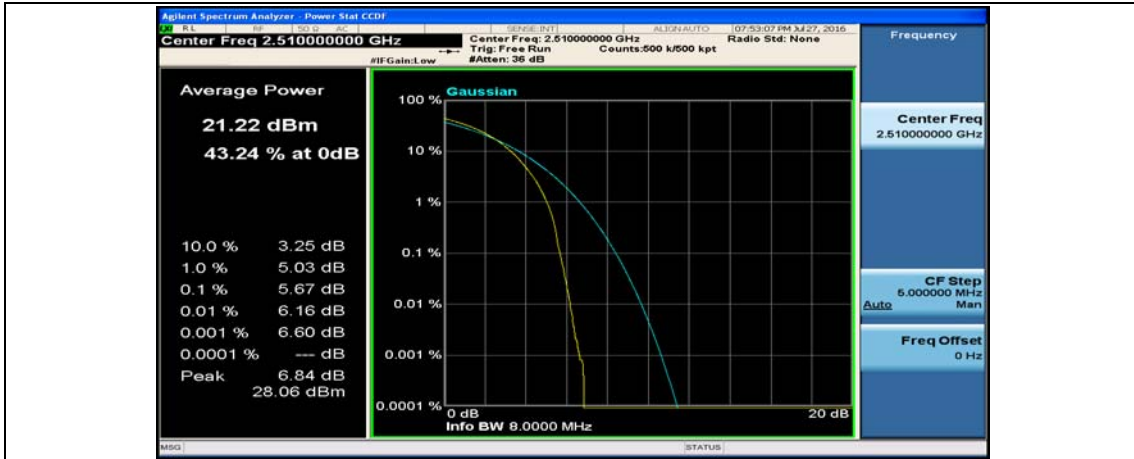
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25



(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#50



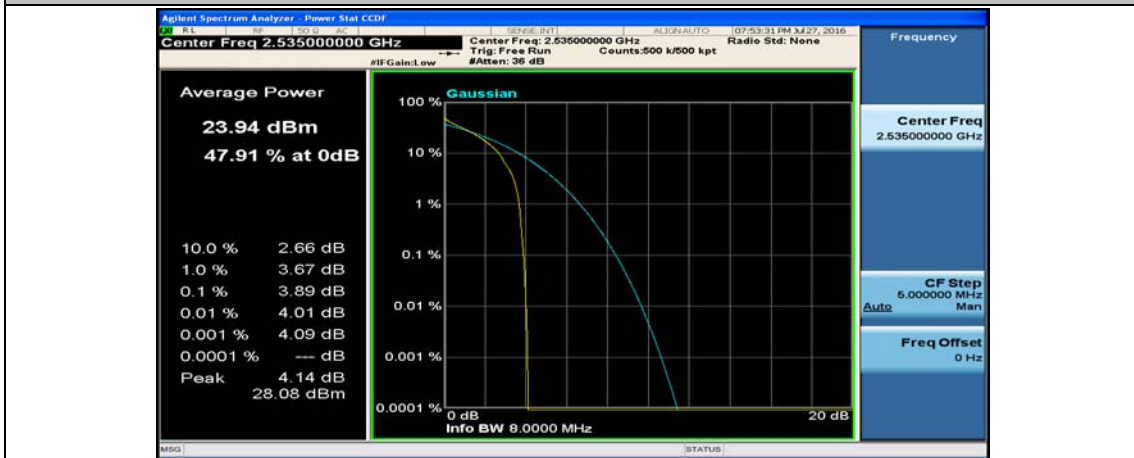
(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49



(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99