

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	22.27	PASS
		1	12	21.82	PASS
		1	24	21.73	PASS
		12	0	20.97	PASS
		12	6	20.77	PASS
		12	13	20.67	PASS
		25	0	20.78	PASS
	MCH	1	0	21.91	PASS
		1	12	22.08	PASS
		1	24	22.55	PASS
		12	0	20.98	PASS
		12	6	21.07	PASS
		12	13	21.22	PASS
		25	0	21.10	PASS
	HCH	1	0	22.83	PASS
		1	12	23.69	PASS
		1	24	23.80	PASS
		12	0	22.07	PASS
		12	6	22.51	PASS
		12	13	22.94	PASS
		25	0	22.52	PASS
16QAM	LCH	1	0	21.39	PASS
		1	12	20.91	PASS
		1	24	20.80	PASS
		12	0	20.01	PASS
		12	6	19.79	PASS
		12	13	19.71	PASS
		25	0	19.84	PASS
	MCH	1	0	21.00	PASS
		1	12	21.19	PASS
		1	24	21.53	PASS
		12	0	20.06	PASS
		12	6	20.16	PASS

		12	13	20.29	PASS
		25	0	20.19	PASS
	HCH	1	0	21.87	PASS
		1	12	22.71	PASS
		1	24	23.43	PASS
		12	0	21.06	PASS
		12	6	21.52	PASS
		12	13	21.91	PASS
		25	0	21.46	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.98	PASS
		1	24	21.78	PASS
		1	49	21.63	PASS
		25	0	20.93	PASS
		25	12	20.78	PASS
		25	25	20.70	PASS
		50	0	20.82	PASS
	MCH	1	0	21.75	PASS
		1	24	21.91	PASS
		1	49	22.07	PASS
		25	0	20.90	PASS
		25	12	20.94	PASS
		25	25	21.02	PASS
		50	0	20.98	PASS
	HCH	1	0	23.57	PASS
		1	24	24.05	PASS
		1	49	23.39	PASS
		25	0	22.74	PASS
		25	12	22.93	PASS
		25	25	23.09	PASS
		50	0	22.86	PASS
16QAM	LCH	1	0	21.16	PASS
		1	24	21.00	PASS
		1	49	20.81	PASS
		25	0	19.70	PASS
		25	12	20.90	PASS
		25	25	20.55	PASS
		50	0	21.57	PASS
	MCH	1	0	20.97	PASS

		1	24	21.09	PASS
		1	49	21.25	PASS
		25	0	20.00	PASS
		25	12	20.05	PASS
		25	25	20.12	PASS
		50	0	20.09	PASS
	HCH	1	0	22.65	PASS
		1	24	23.06	PASS
		1	49	23.25	PASS
		25	0	21.65	PASS
		25	12	21.84	PASS
		25	25	21.96	PASS
		50	0	21.83	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.16	PASS
		1	37	21.84	PASS
		1	74	21.61	PASS
		37	0	21.06	PASS
		37	18	20.88	PASS
		37	38	20.82	PASS
		75	0	20.96	PASS
	MCH	1	0	21.77	PASS
		1	37	21.94	PASS
		1	74	22.20	PASS
		37	0	20.97	PASS
		37	18	21.01	PASS
		37	38	21.14	PASS
		75	0	21.09	PASS
	HCH	1	0	23.26	PASS
		1	37	24.03	PASS
		1	74	23.54	PASS
		37	0	22.70	PASS
		37	18	23.02	PASS
		37	38	23.37	PASS
		75	0	23.00	PASS
16QAM	LCH	1	0	21.35	PASS
		1	37	21.06	PASS
		1	74	20.77	PASS
		37	0	20.04	PASS

		37	18	19.86	PASS
		37	38	19.76	PASS
		75	0	19.94	PASS
	MCH	1	0	20.96	PASS
		1	37	21.21	PASS
		1	74	21.30	PASS
		37	0	19.95	PASS
		37	18	20.01	PASS
		37	38	20.13	PASS
		75	0	20.10	PASS
	HCH	1	0	22.18	PASS
		1	37	22.96	PASS
		1	74	23.31	PASS
		37	0	21.57	PASS
		37	18	21.85	PASS
		37	38	22.17	PASS
		75	0	21.84	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.08	PASS
		1	49	22.87	PASS
		1	99	22.80	PASS
		50	0	22.02	PASS
		50	25	21.99	PASS
		50	50	21.92	PASS
		100	0	21.92	PASS
	MCH	1	0	23.03	PASS
		1	49	23.01	PASS
		1	99	22.06	PASS
		50	0	21.66	PASS
		50	25	20.53	PASS
		50	50	21.07	PASS
		100	0	21.38	PASS
	HCH	1	0	24.07	PASS
		1	49	24.04	PASS
		1	99	23.57	PASS
		50	0	23.05	PASS
		50	25	23.14	PASS
		50	50	23.17	PASS
		100	0	23.05	PASS

16QAM	LCH	1	0	22.19	PASS
		1	49	22.25	PASS
		1	99	22.07	PASS
		50	0	21.17	PASS
		50	25	21.16	PASS
		50	50	21.10	PASS
		100	0	21.02	PASS
	MCH	1	0	20.90	PASS
		1	49	21.37	PASS
		1	99	20.97	PASS
		50	0	21.66	PASS
		50	25	21.29	PASS
		50	50	21.54	PASS
		100	0	21.00	PASS
	HCH	1	0	22.88	PASS
		1	49	23.03	PASS
		1	99	23.08	PASS
		50	0	21.94	PASS
		50	25	21.99	PASS
		50	50	22.05	PASS
		100	0	21.99	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	2.9	<13	PASS
		1	12	3.04	<13	PASS
		1	24	3.05	<13	PASS
		12	0	5.37	<13	PASS
		12	6	5.31	<13	PASS
		12	13	4.99	<13	PASS
		25	0	5.6	<13	PASS
	MCH	1	0	3.72	<13	PASS
		1	12	3.68	<13	PASS
		1	24	3.69	<13	PASS
		12	0	5.52	<13	PASS
		12	6	5.48	<13	PASS
		12	13	5.79	<13	PASS
		25	0	5.85	<13	PASS
	HCH	1	0	2.08	<13	PASS
		1	12	1.64	<13	PASS
		1	24	1.71	<13	PASS
		12	0	3.37	<13	PASS
		12	6	2.98	<13	PASS
		12	13	2.84	<13	PASS
		25	0	3.87	<13	PASS
16QAM	LCH	1	0	4.11	<13	PASS
		1	12	4.41	<13	PASS
		1	24	4.43	<13	PASS
		12	0	5.48	<13	PASS
		12	6	5.21	<13	PASS
		12	13	5.25	<13	PASS
		25	0	5.94	<13	PASS
	MCH	1	0	4.76	<13	PASS
		1	12	4.85	<13	PASS
		1	24	4.92	<13	PASS
		12	0	5.72	<13	PASS
		12	6	5.65	<13	PASS

		12	13	5.69	<13	PASS
		25	0	6.17	<13	PASS
	HCH	1	0	3.17	<13	PASS
		1	12	2.84	<13	PASS
		1	24	2.45	<13	PASS
		12	0	4.49	<13	PASS
		12	6	4.18	<13	PASS
		12	13	4.07	<13	PASS
		25	0	4.84	<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	3.63	<13	PASS
		1	24	3.78	<13	PASS
		1	49	3.47	<13	PASS
		25	0	5.78	<13	PASS
		25	12	5.24	<13	PASS
		25	25	4.92	<13	PASS
		50	0	5.11	<13	PASS
	MCH	1	0	3.57	<13	PASS
		1	24	3.76	<13	PASS
		1	49	3.63	<13	PASS
		25	0	5.32	<13	PASS
		25	12	5.4	<13	PASS
		25	25	5.41	<13	PASS
		50	0	5.93	<13	PASS
	HCH	1	0	2.46	<13	PASS
		1	24	2.04	<13	PASS
		1	49	1.83	<13	PASS
		25	0	4.16	<13	PASS
		25	12	3.74	<13	PASS
		25	25	3.55	<13	PASS
		50	0	4.5	<13	PASS
16QAM	LCH	1	0	4.79	<13	PASS
		1	24	5.01	<13	PASS
		1	49	4.84	<13	PASS
		25	0	5.89	<13	PASS
		25	12	5.46	<13	PASS
		25	25	5.48	<13	PASS

	MCH	50	0	5.89	<13	PASS
		1	0	4.66	<13	PASS
		1	24	4.89	<13	PASS
		1	49	4.79	<13	PASS
		25	0	6.15	<13	PASS
		25	12	6.17	<13	PASS
		25	25	5.89	<13	PASS
		50	0	6.42	<13	PASS
	HCH	1	0	3.7	<13	PASS
		1	24	3.39	<13	PASS
		1	49	2.63	<13	PASS
		25	0	5.09	<13	PASS
		25	12	4.78	<13	PASS
		25	25	4.64	<13	PASS
		50	0	5.31	<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	10.2	<13	PASS
		1	37	3.54	<13	PASS
		1	74	9.98	<13	PASS
		37	0	4.88	<13	PASS
		37	18	5.49	<13	PASS
		37	38	5.6	<13	PASS
		75	0	6.07	<13	PASS
	MCH	1	0	10.07	<13	PASS
		1	37	3.73	<13	PASS
		1	74	9.47	<13	PASS
		37	0	4.88	<13	PASS
		37	18	5.44	<13	PASS
		37	38	4.93	<13	PASS
		75	0	5.16	<13	PASS
	HCH	1	0	10.51	<13	PASS
		1	37	2.32	<13	PASS
		1	74	10.89	<13	PASS
		37	0	4.54	<13	PASS
		37	18	4.15	<13	PASS
		37	38	4.49	<13	PASS
		75	0	4.96	<13	PASS

16QAM	LCH	1	0	9.9	<13	PASS
		1	37	4.75	<13	PASS
		1	74	9.82	<13	PASS
		37	0	6.2	<13	PASS
		37	18	5.44	<13	PASS
		37	38	5.84	<13	PASS
		75	0	6.36	<13	PASS
	MCH	1	0	9.69	<13	PASS
		1	37	4.92	<13	PASS
		1	74	9.11	<13	PASS
		37	0	6.16	<13	PASS
		37	18	6.26	<13	PASS
		37	38	7.25	<13	PASS
		75	0	6.43	<13	PASS
	HCH	1	0	10.26	<13	PASS
		1	37	3.62	<13	PASS
		1	74	10.97	<13	PASS
		37	0	5.73	<13	PASS
		37	18	5.13	<13	PASS
		37	38	5.64	<13	PASS
		75	0	6.06	<13	PASS

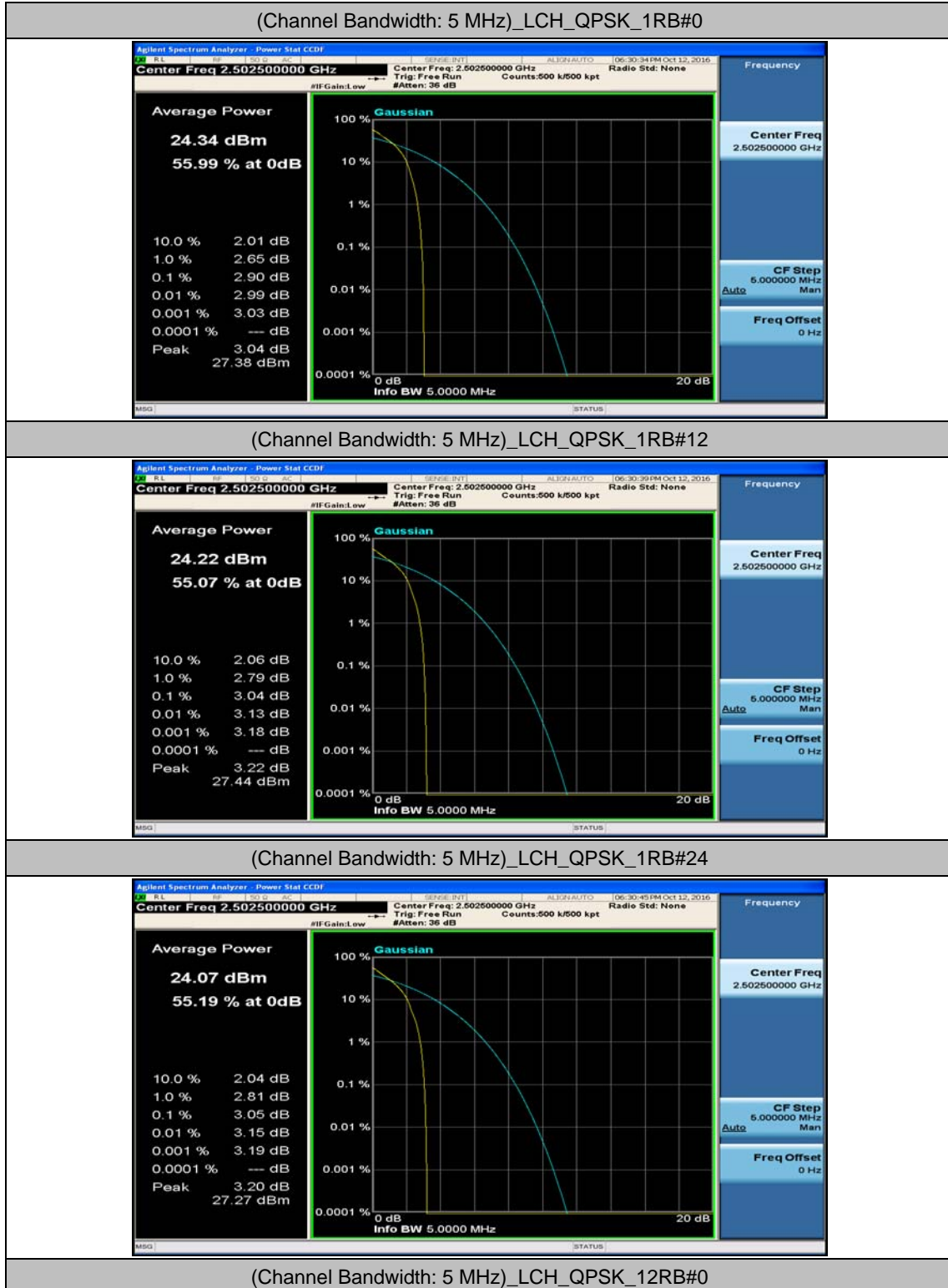
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	10	<13	PASS
		1	49	3.28	<13	PASS
		1	99	10.59	<13	PASS
		50	0	5.45	<13	PASS
		50	25	5.23	<13	PASS
		50	50	5.68	<13	PASS
		100	0	7.12	<13	PASS
	MCH	1	0	11.17	<13	PASS
		1	49	3.72	<13	PASS
		1	99	10.33	<13	PASS
		50	0	5.71	<13	PASS
		50	25	5.5	<13	PASS
		50	50	5.97	<13	PASS
		100	0	5.74	<13	PASS
	HCH	1	0	10.54	<13	PASS

		1	49	2.49	<13	PASS
		1	99	5.36	<13	PASS
		50	0	5.52	<13	PASS
		50	25	4.67	<13	PASS
		50	50	5.68	<13	PASS
		100	0	5.87	<13	PASS
16QAM	LCH	1	0	11.26	<13	PASS
		1	49	4.44	<13	PASS
		1	99	11.38	<13	PASS
		50	0	6.55	<13	PASS
		50	25	6.06	<13	PASS
		50	50	7.15	<13	PASS
		100	0	7.12	<13	PASS
	MCH	1	0	11.98	<13	PASS
		1	49	4.8	<13	PASS
		1	99	11.06	<13	PASS
		50	0	6.77	<13	PASS
		50	25	6.25	<13	PASS
		50	50	6.88	<13	PASS
		100	0	7.01	<13	PASS
	HCH	1	0	5.24	<13	PASS
		1	49	3.57	<13	PASS
		1	99	5.59	<13	PASS
		50	0	6.55	<13	PASS
		50	25	5.46	<13	PASS
		50	50	6.66	<13	PASS
		100	0	6.76	<13	PASS

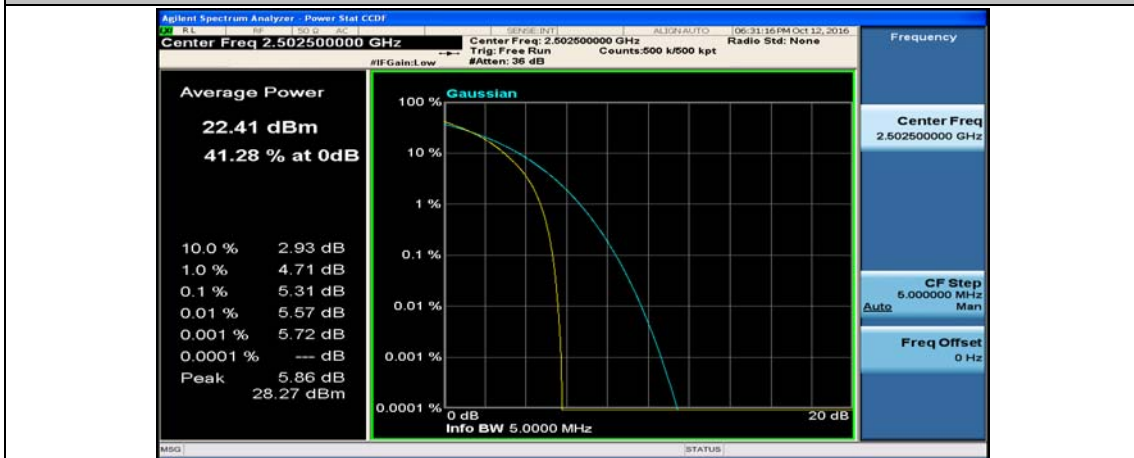
Test Graphs

Channel Bandwidth: 5 MHz





(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



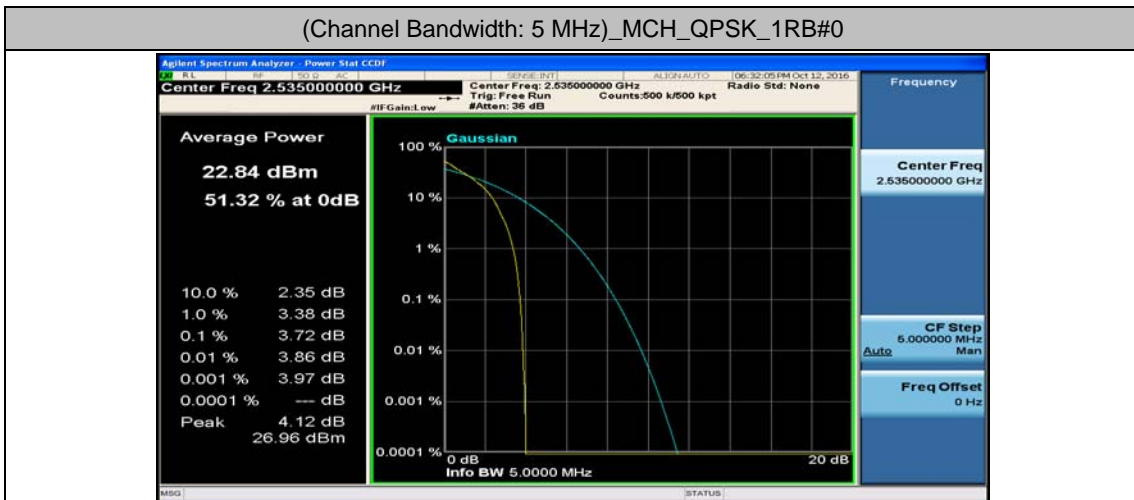
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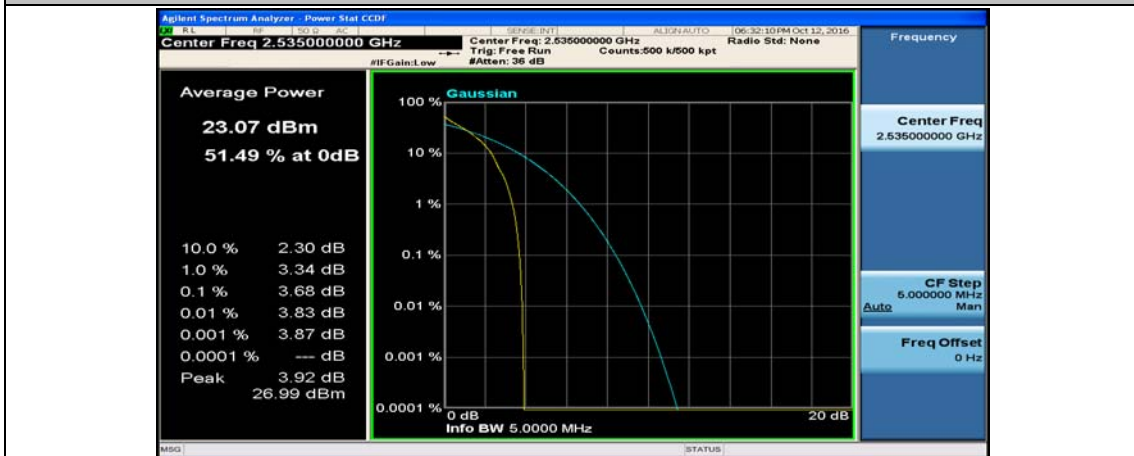
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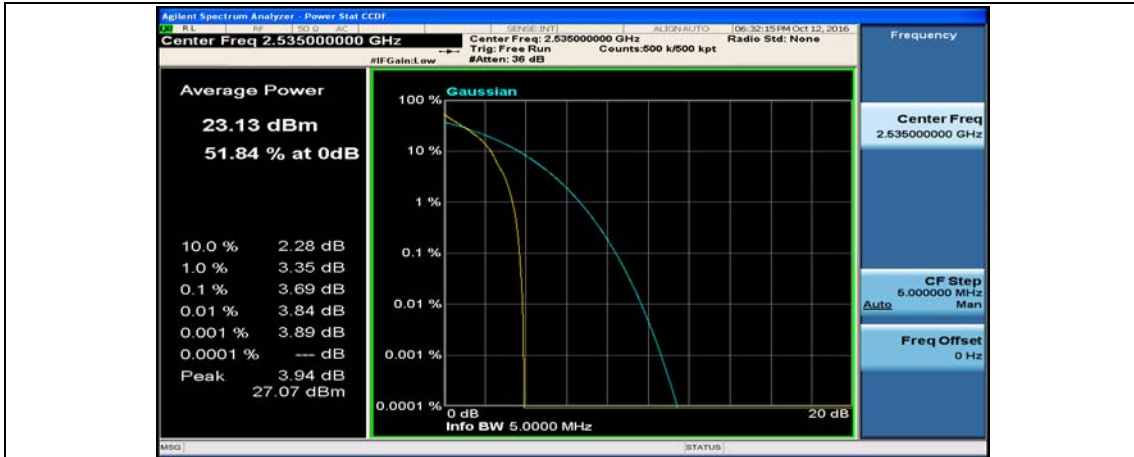
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(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



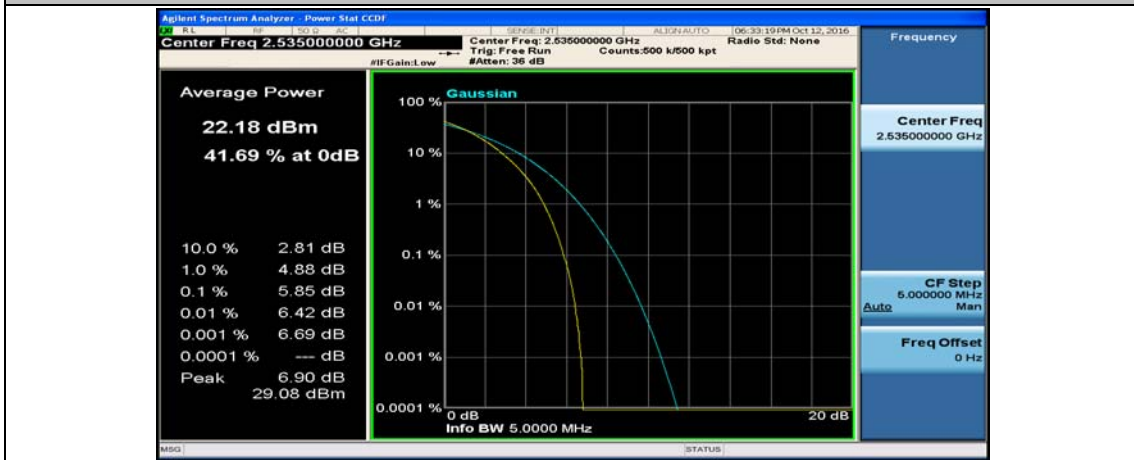
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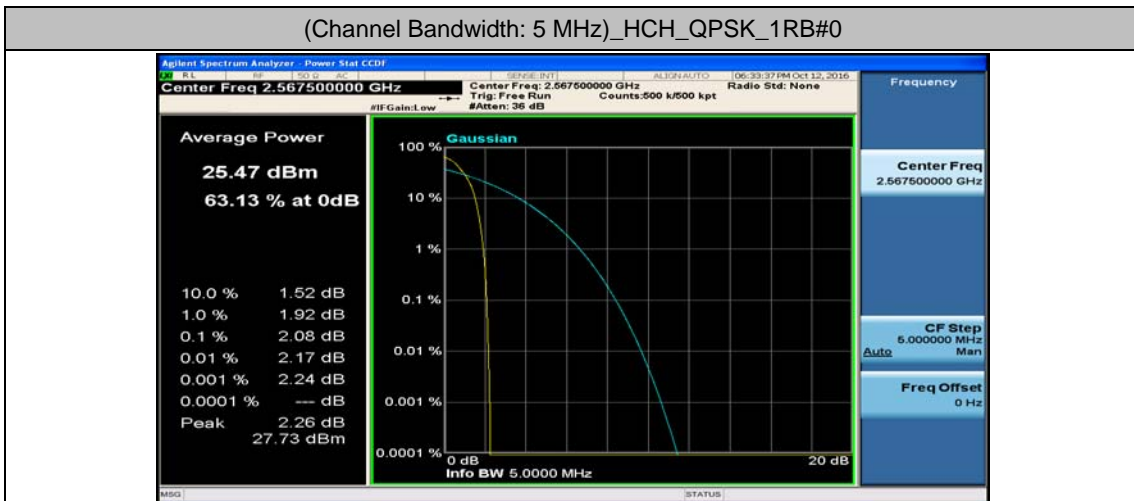
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(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



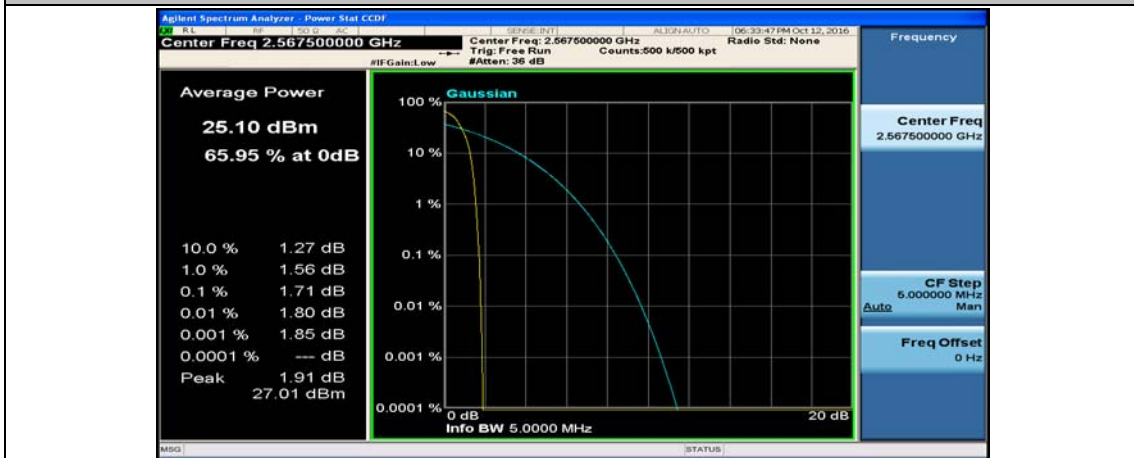
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



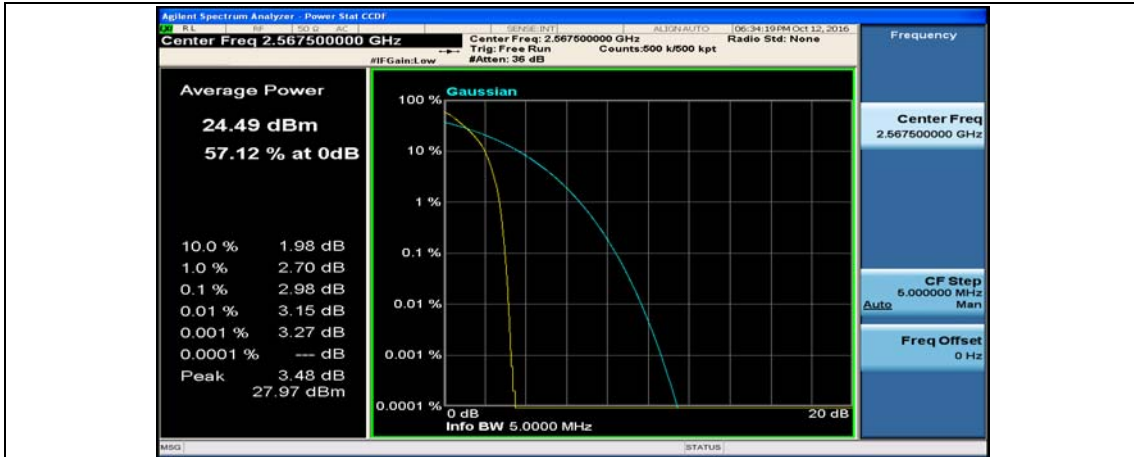
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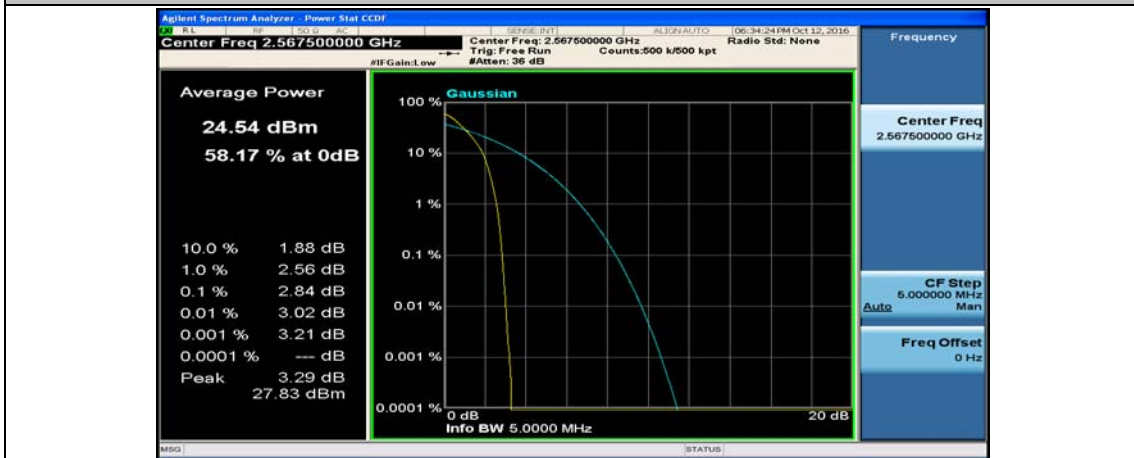
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



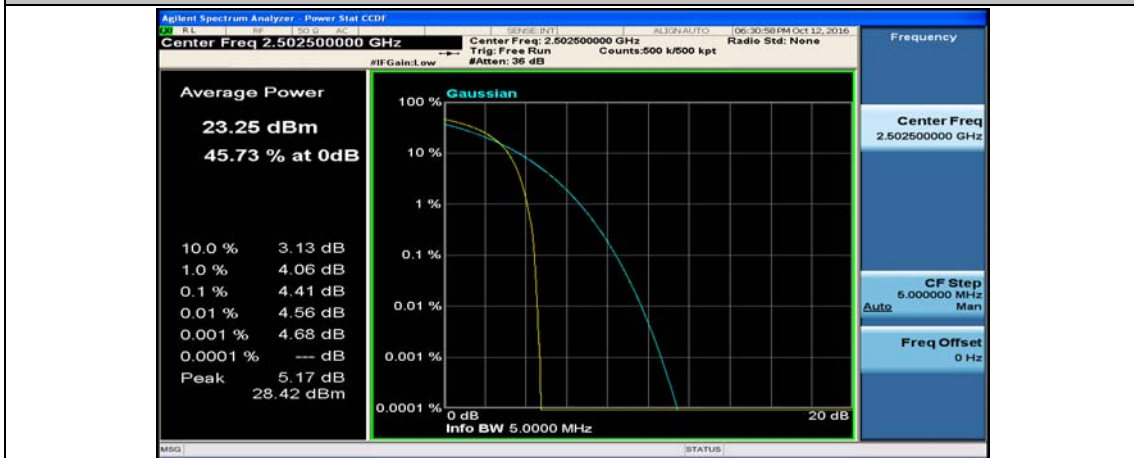
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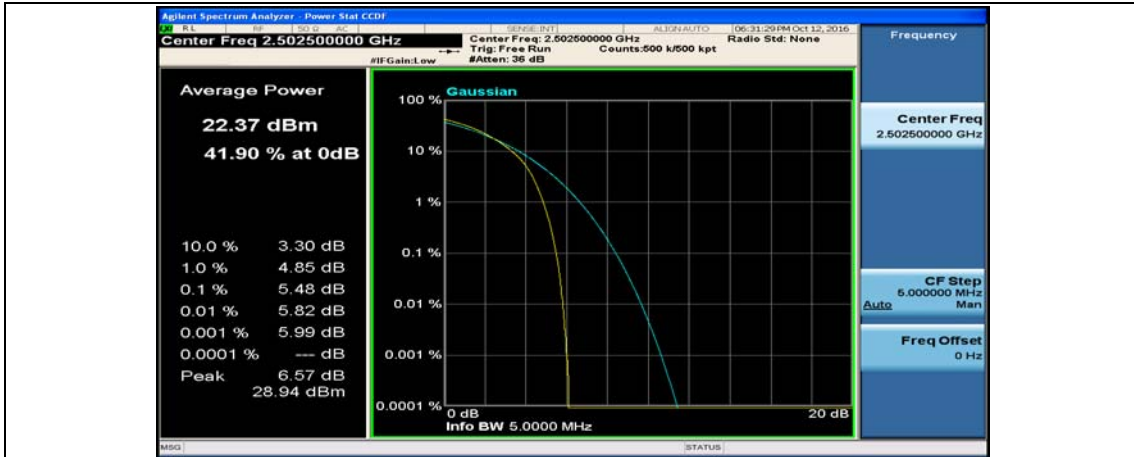
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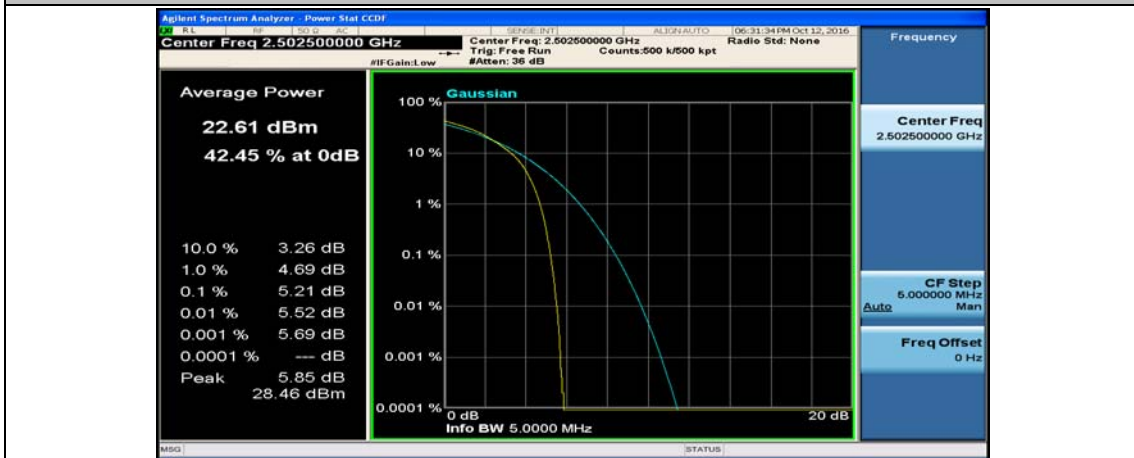
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(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



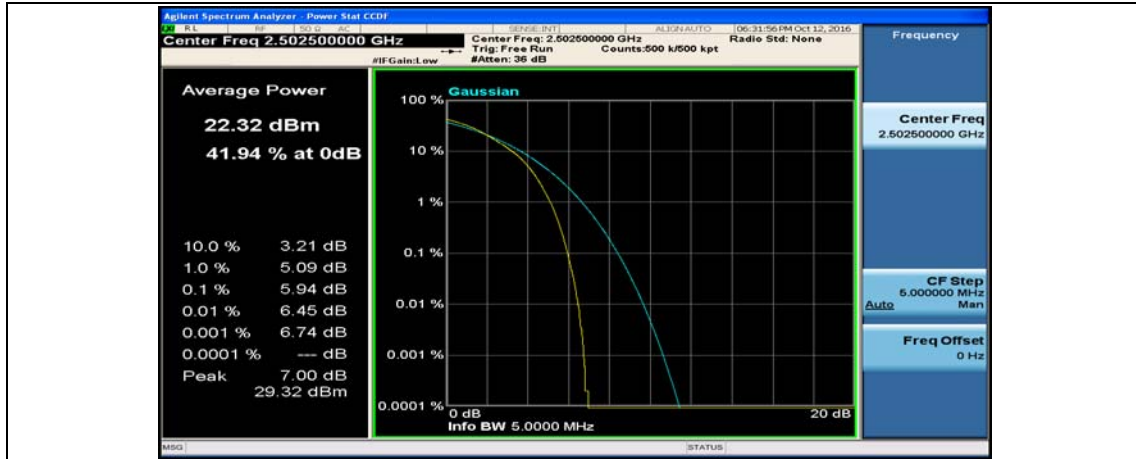
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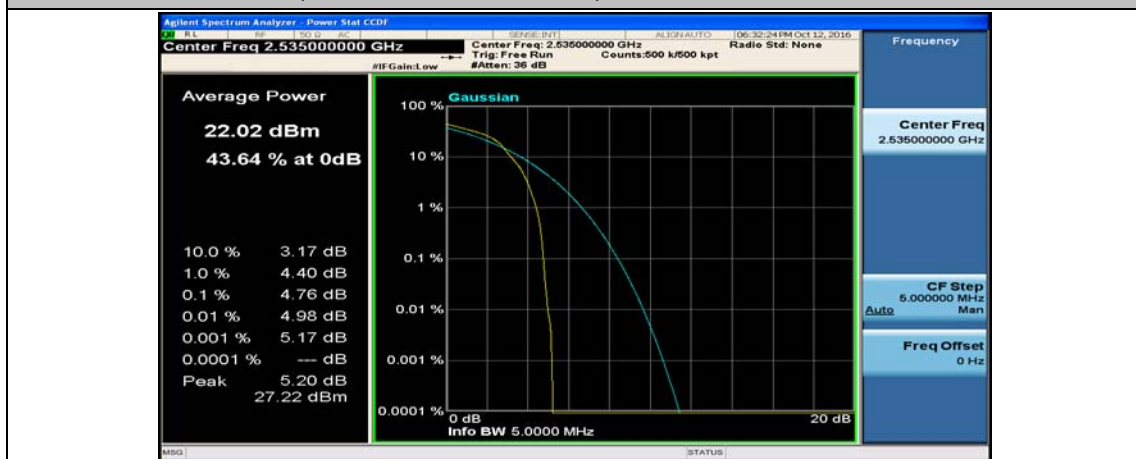
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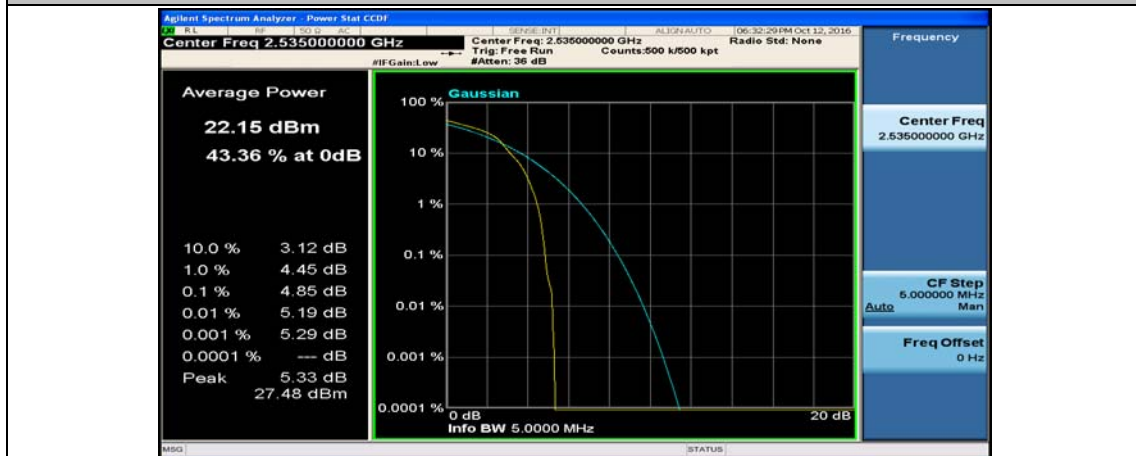
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(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



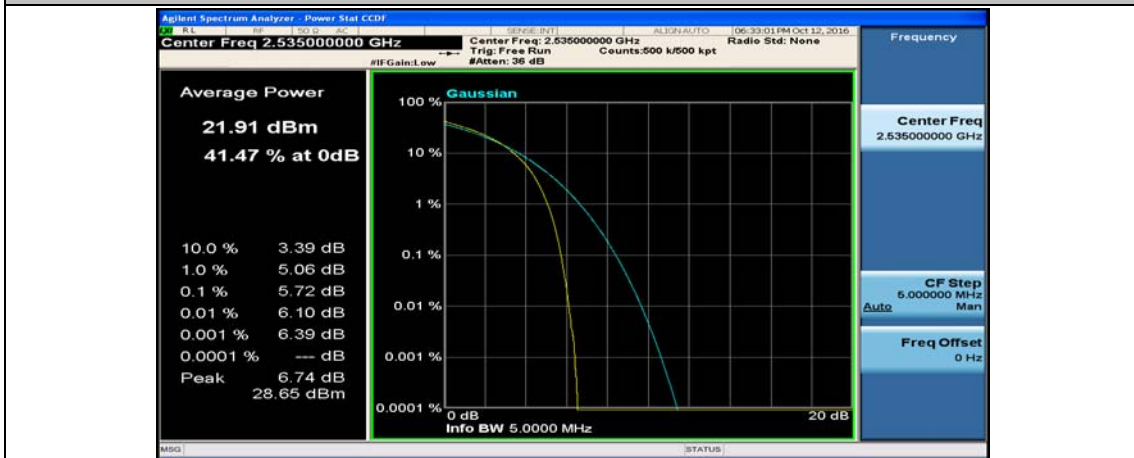
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



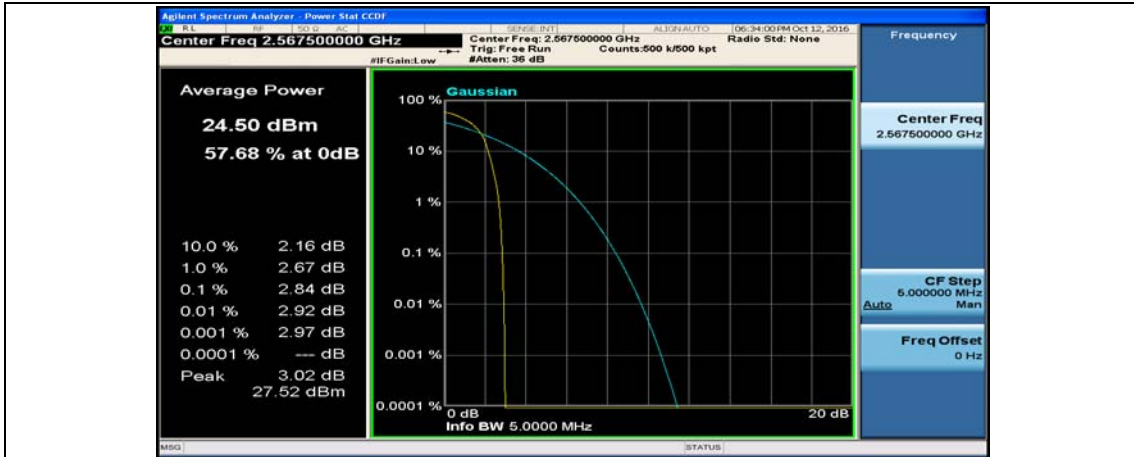
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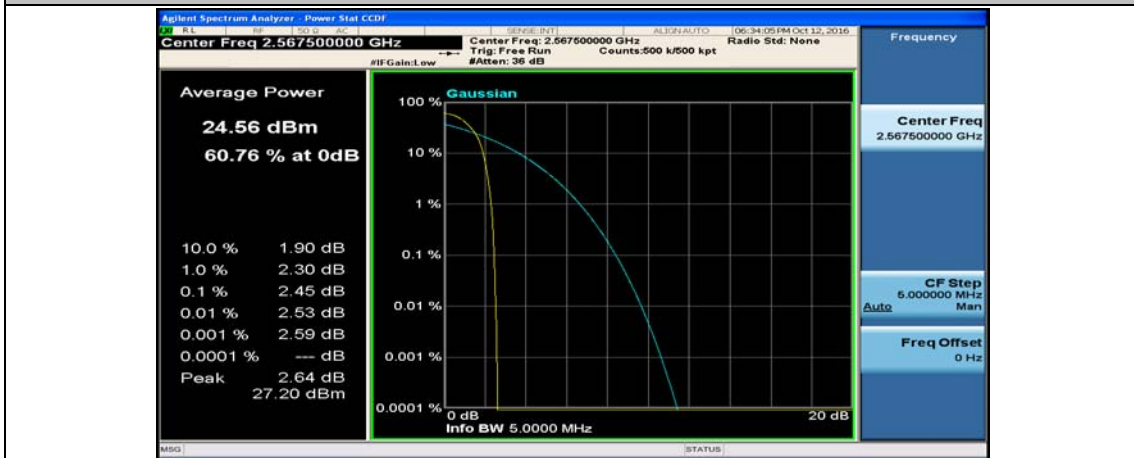
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(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



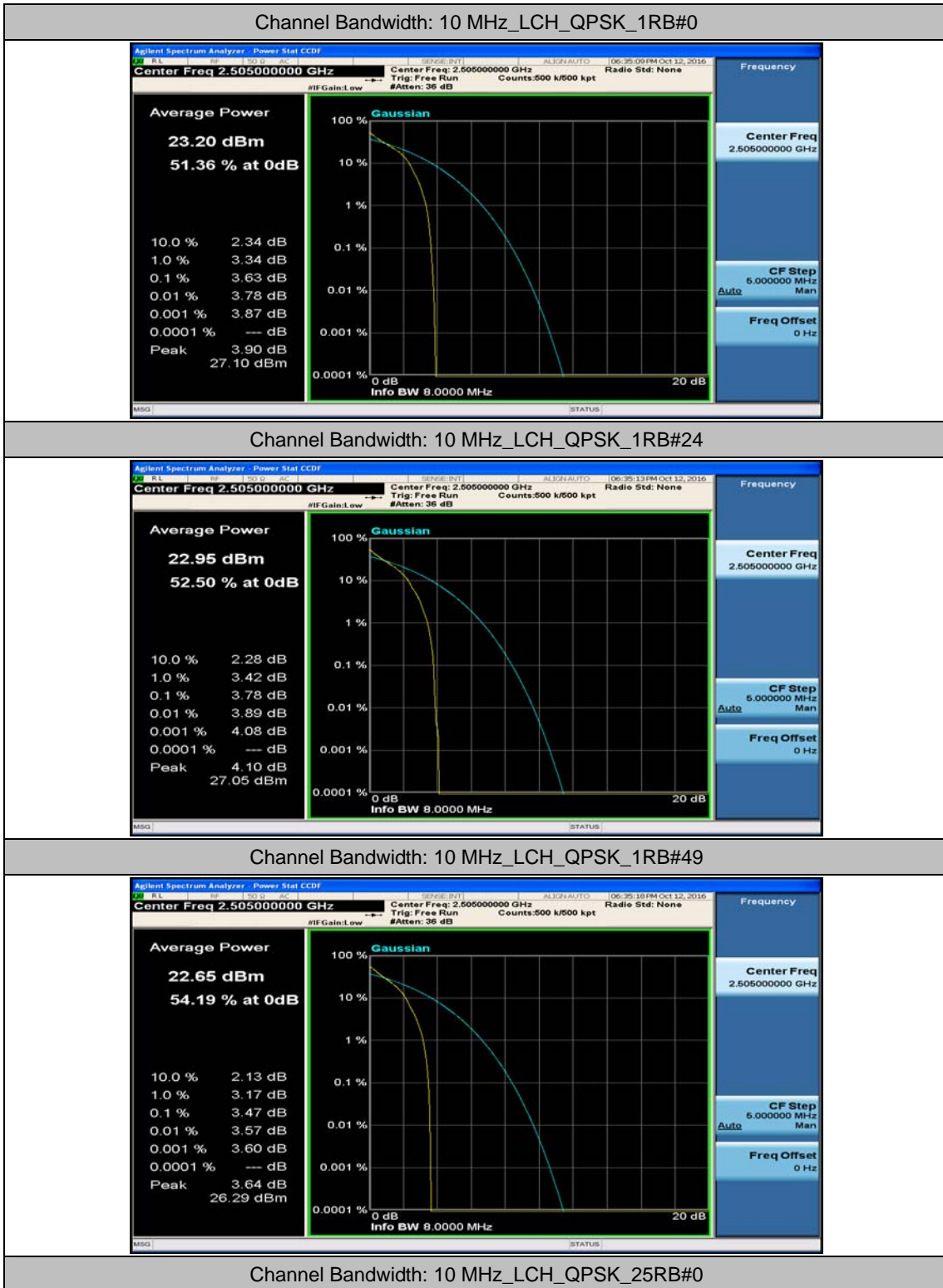
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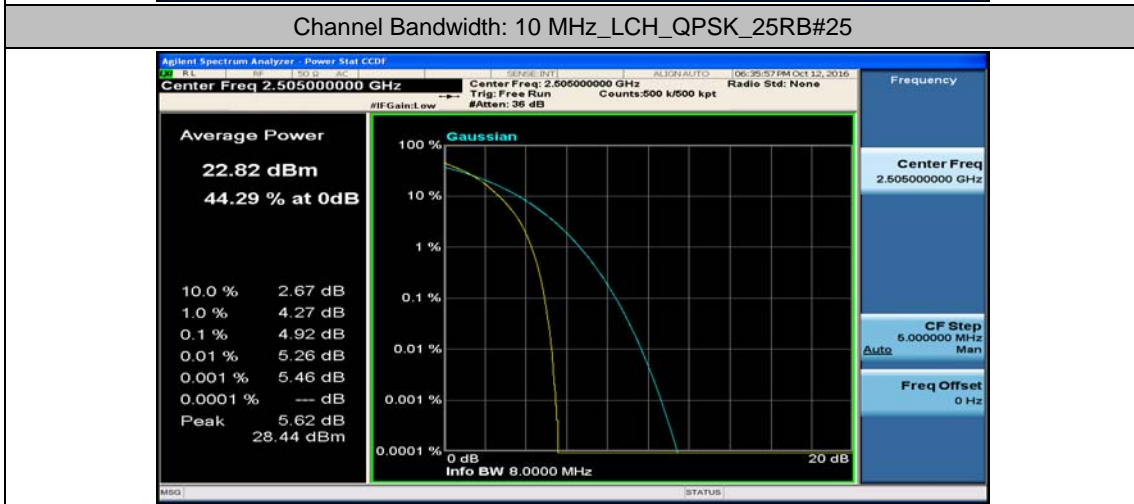
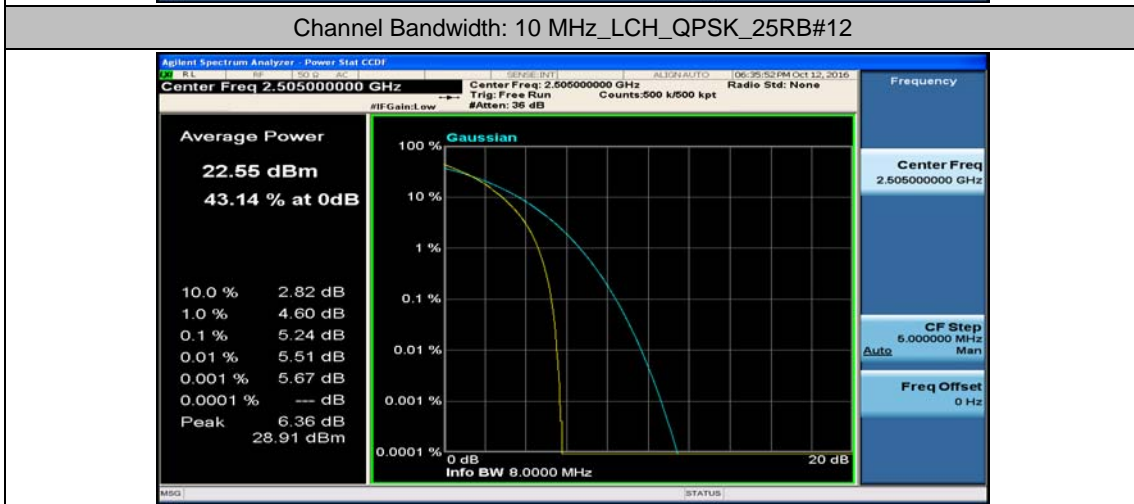


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz







Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



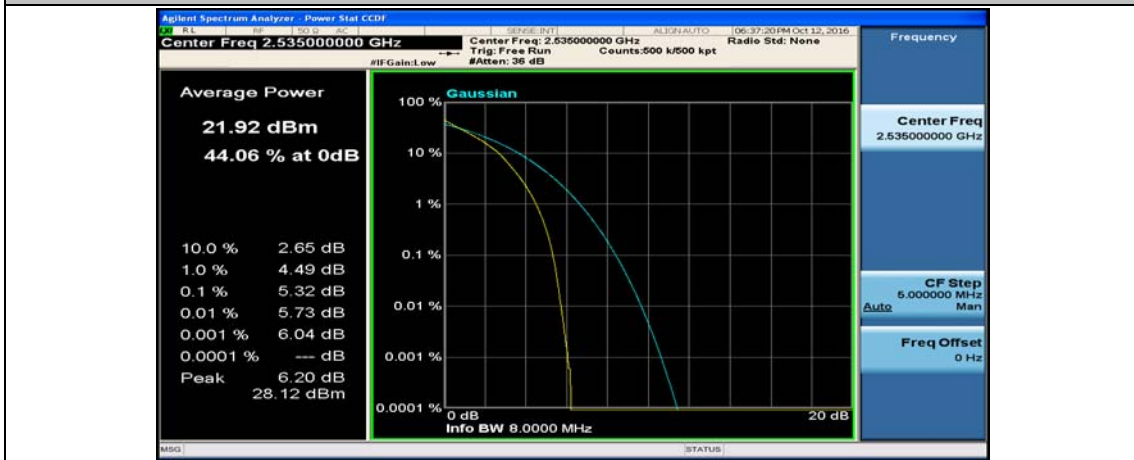
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



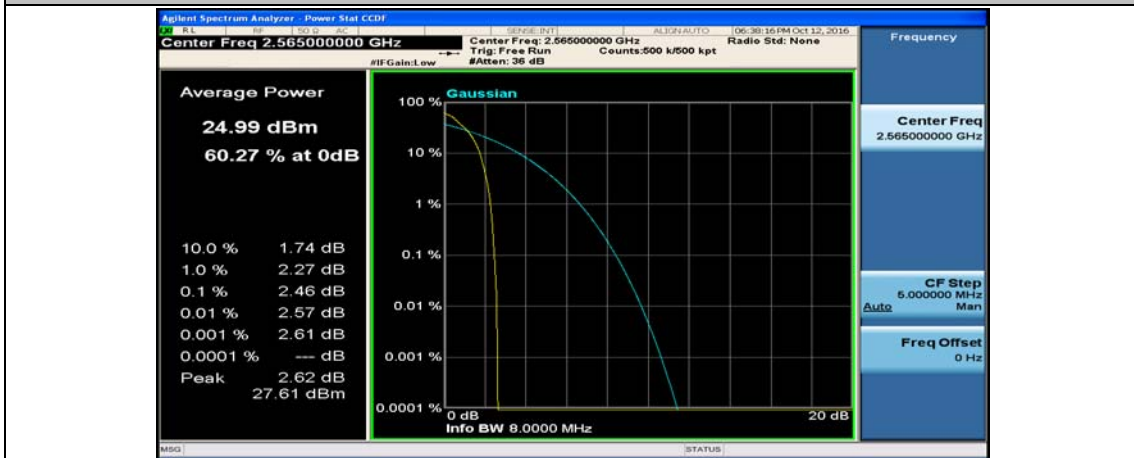
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



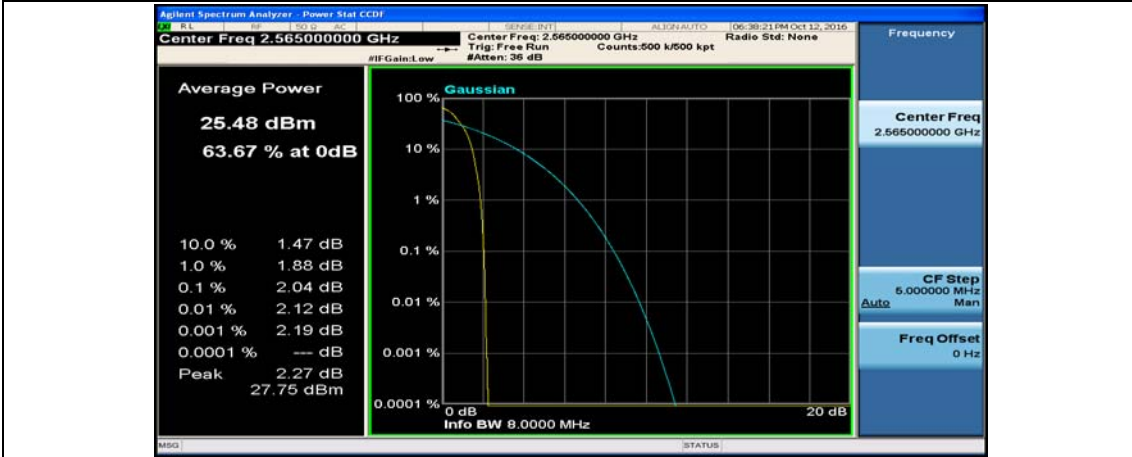
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

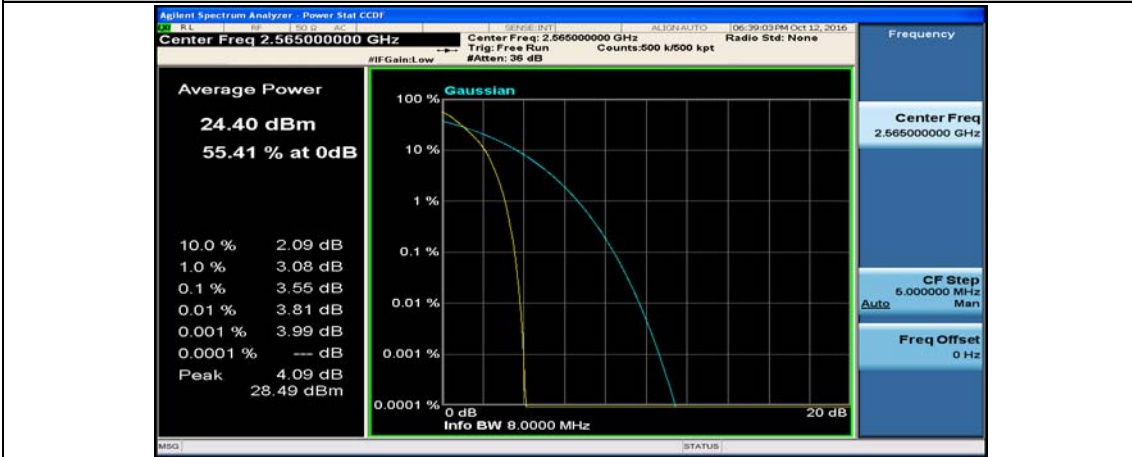


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24





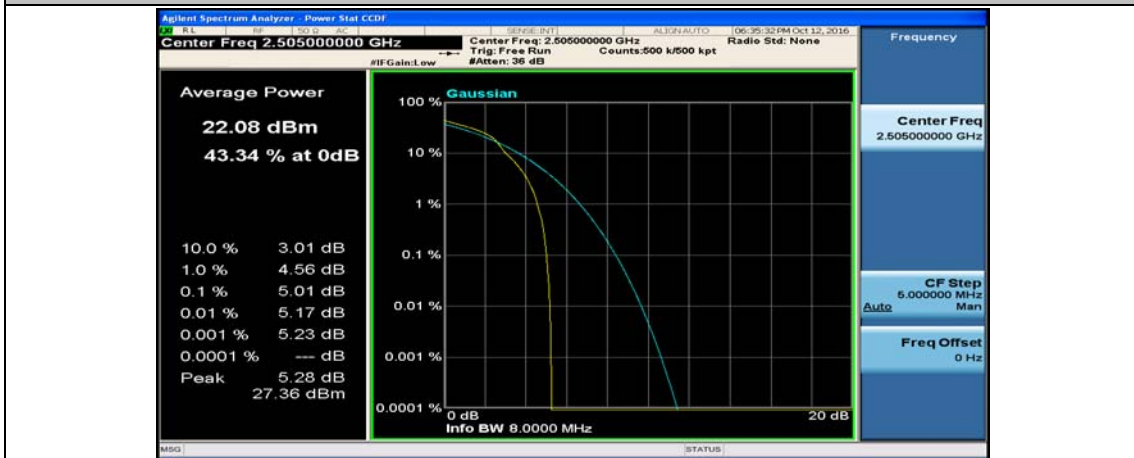
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25

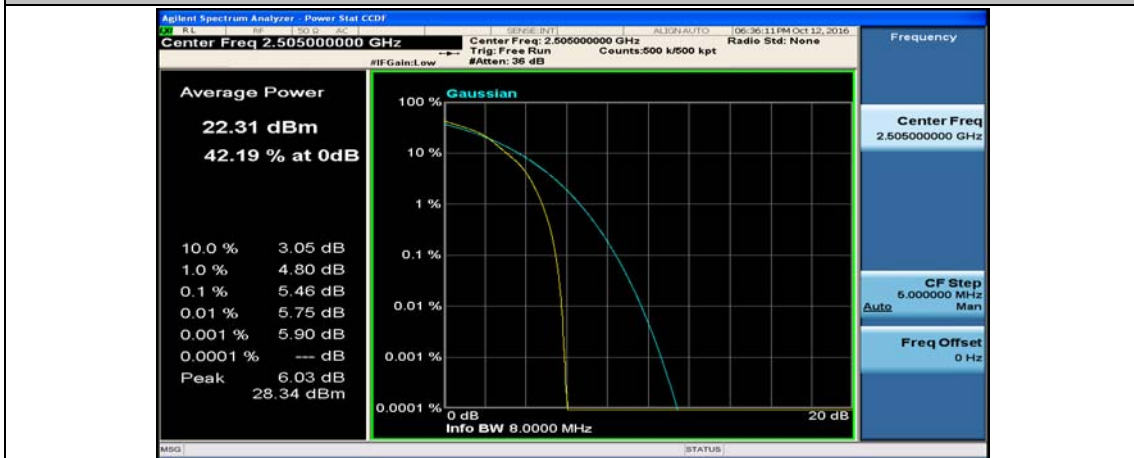


Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



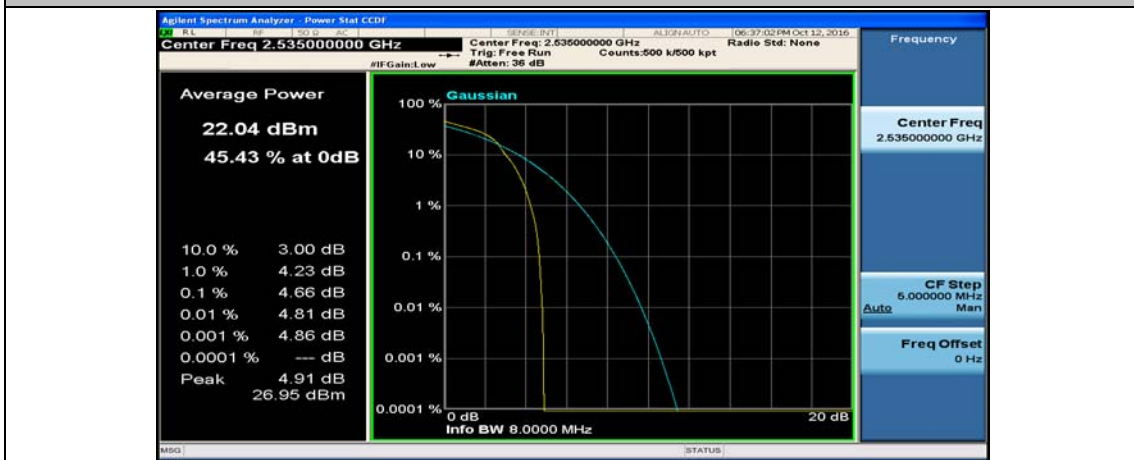
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



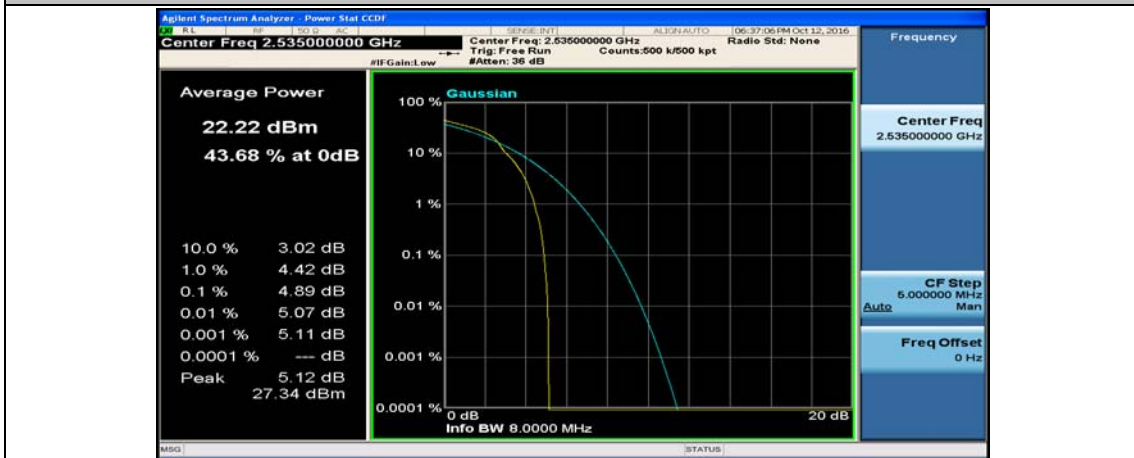




Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0



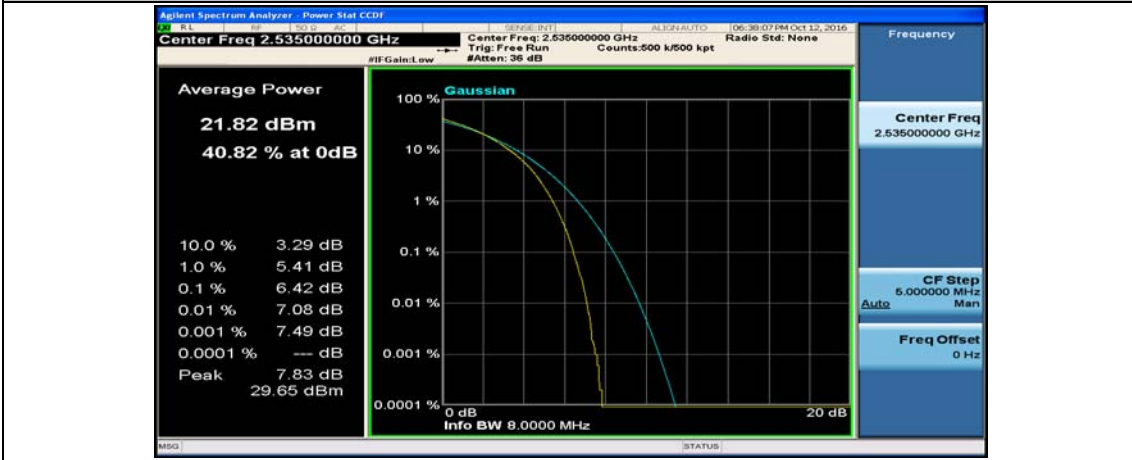
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25



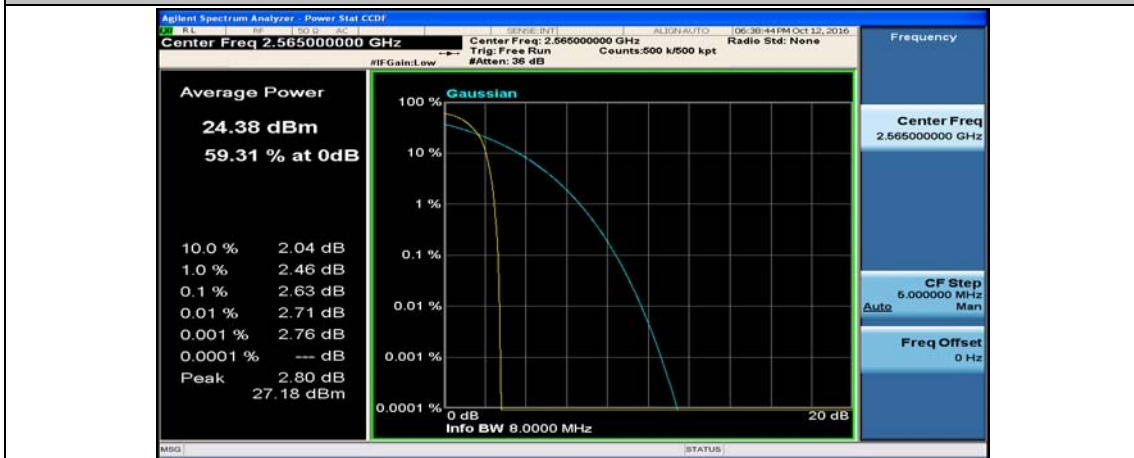
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

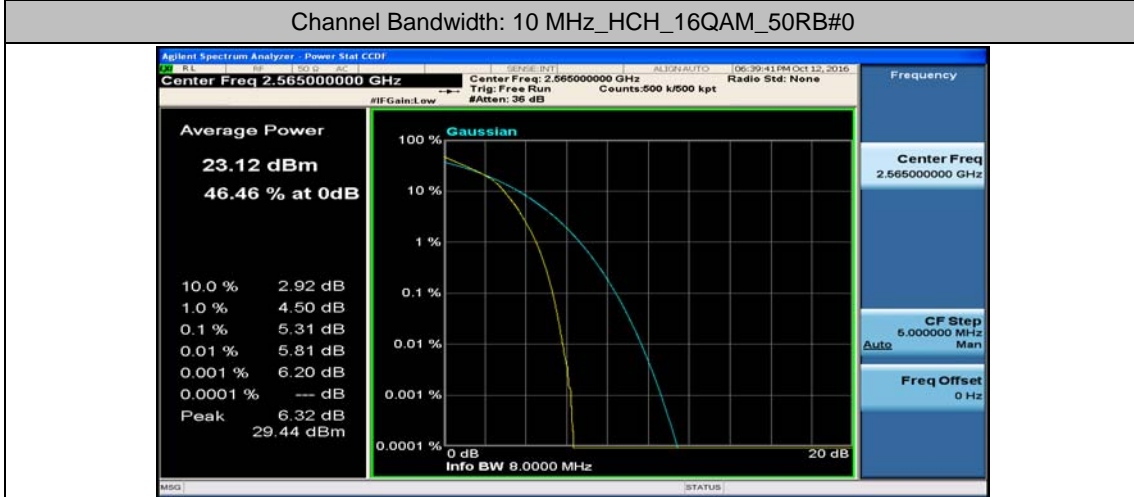
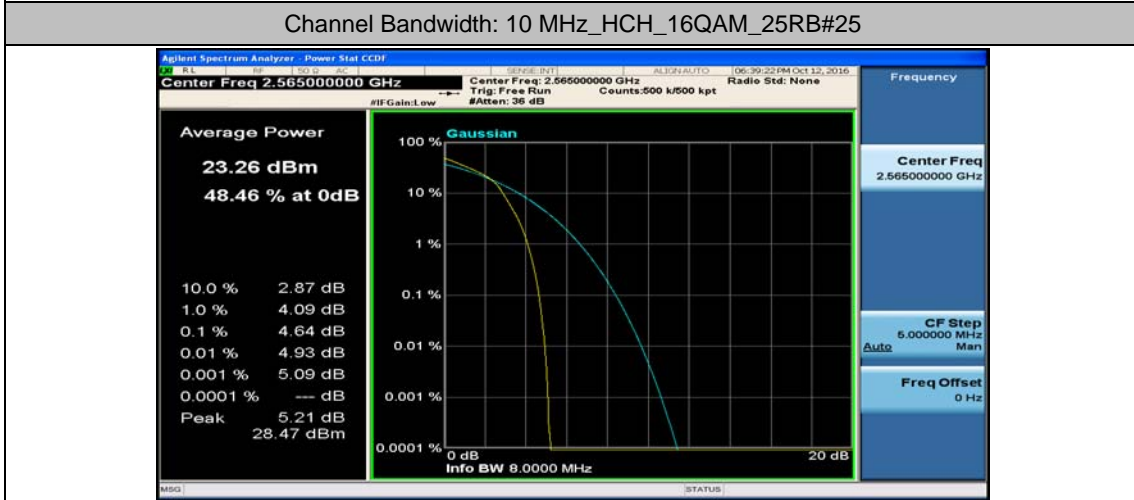


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

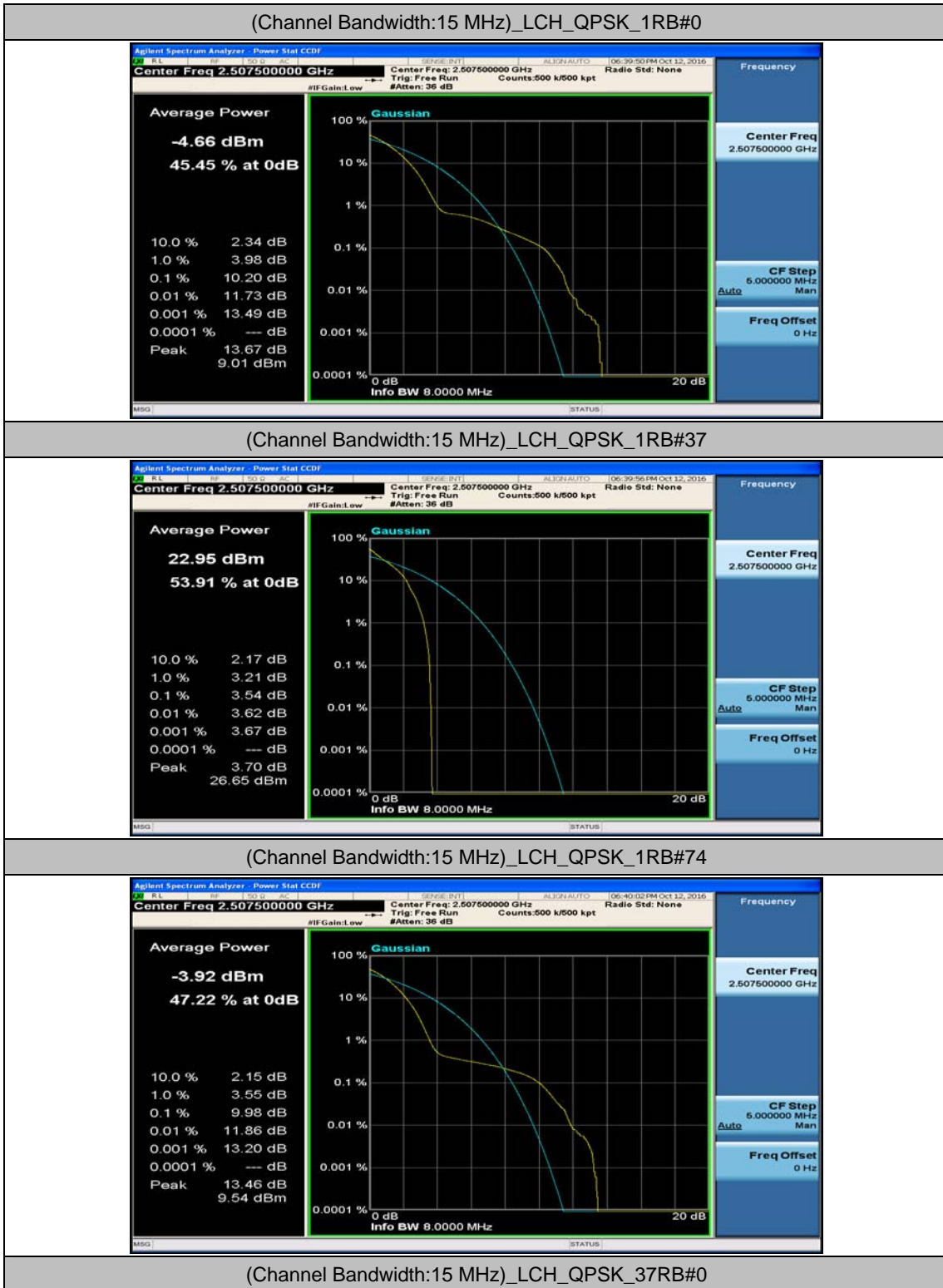


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



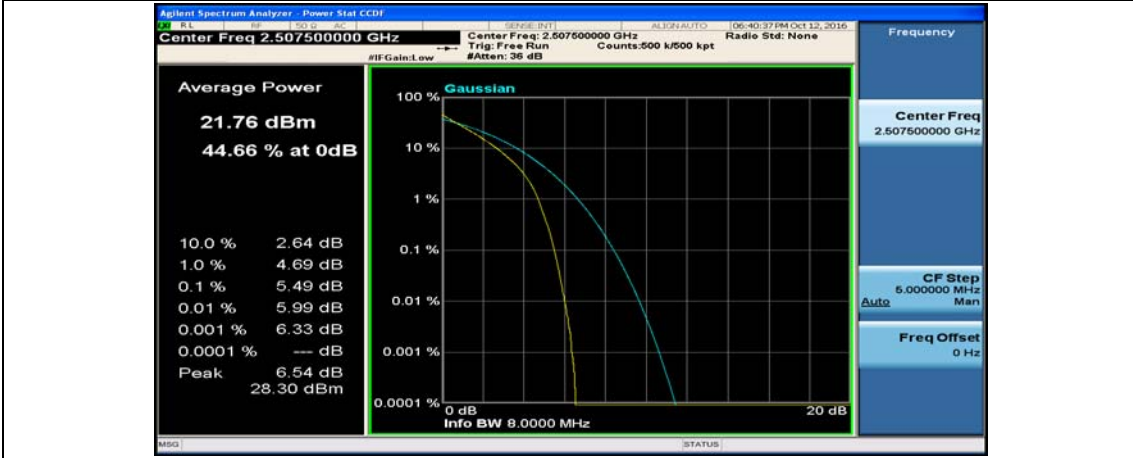


Channel Bandwidth: 15 MHz





(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



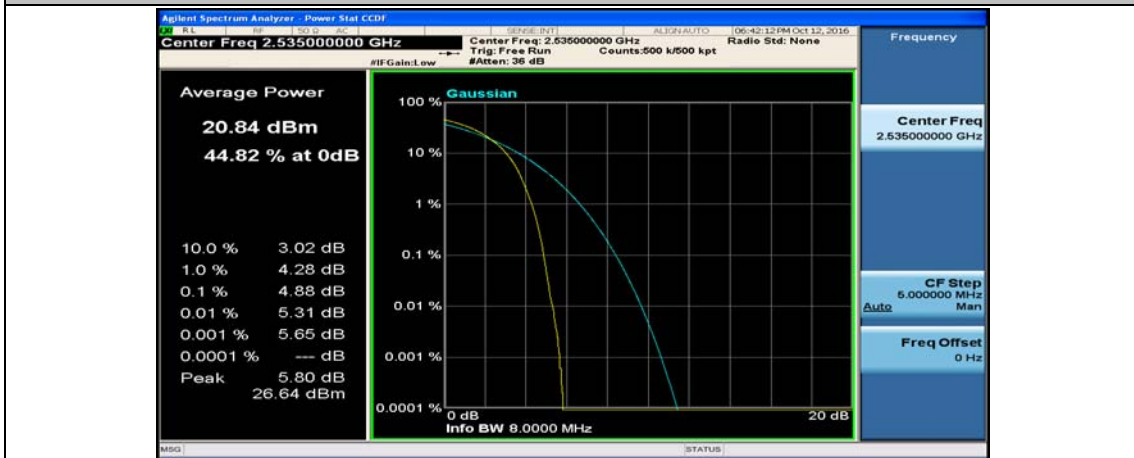
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37



(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74



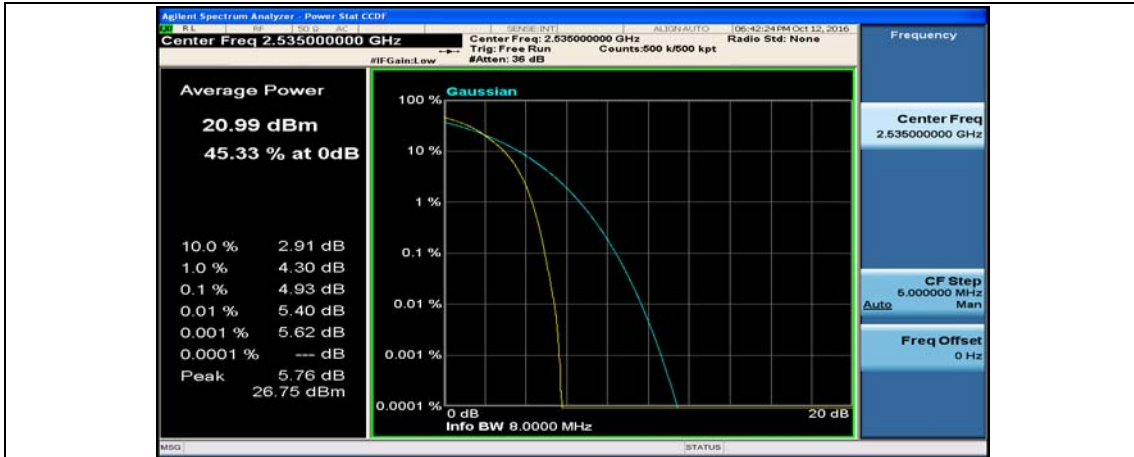
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38



(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



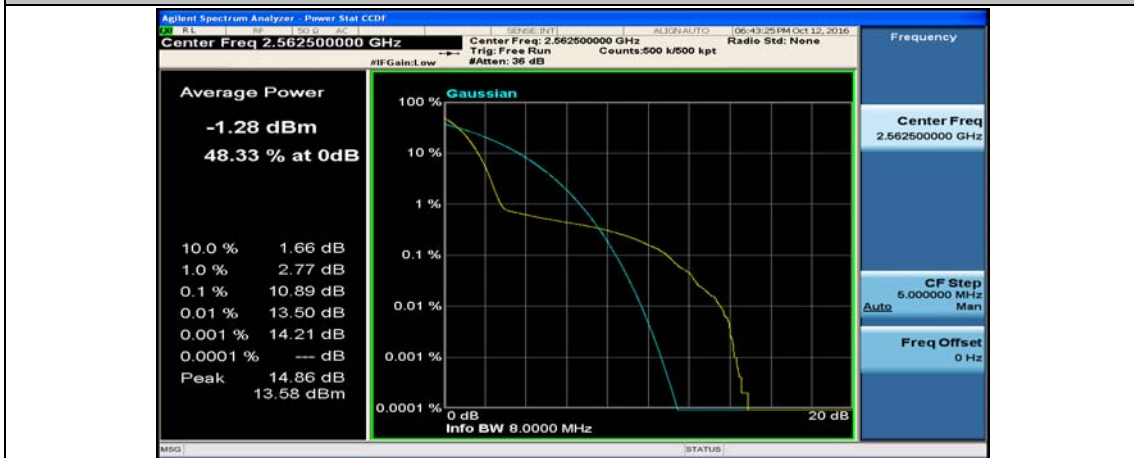
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37



(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



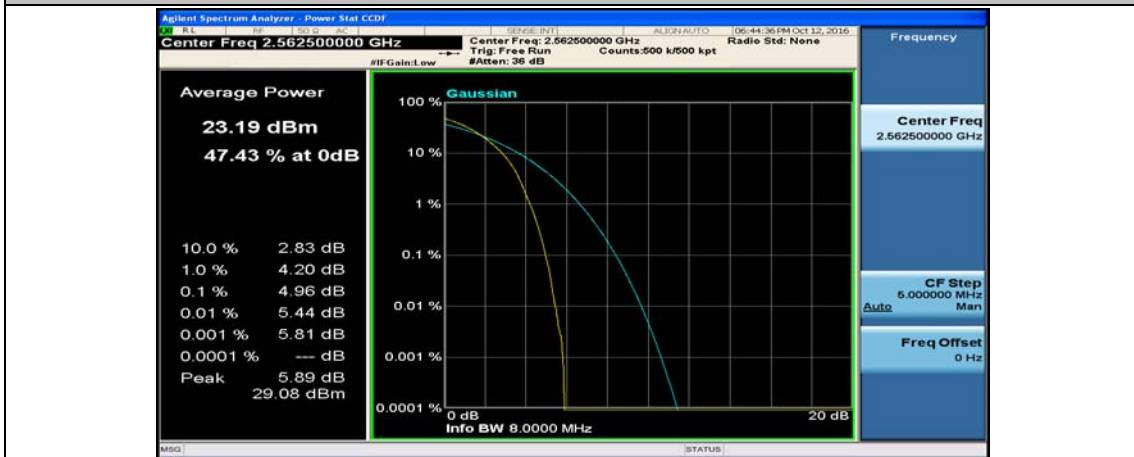
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38



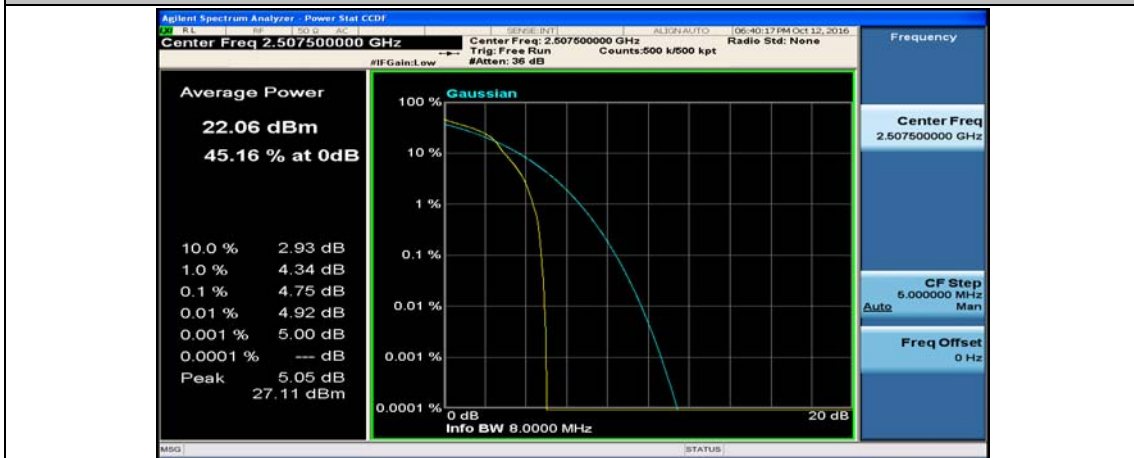
(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37



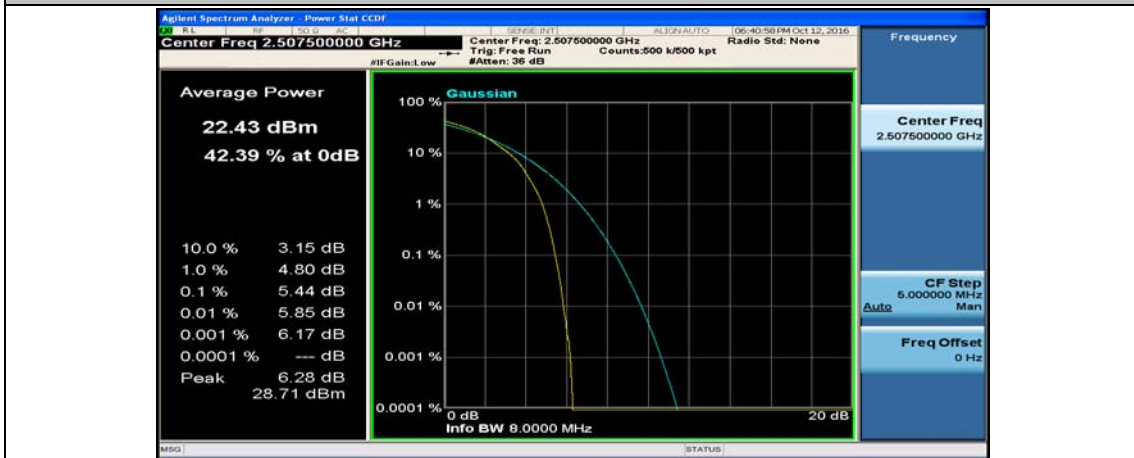
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18



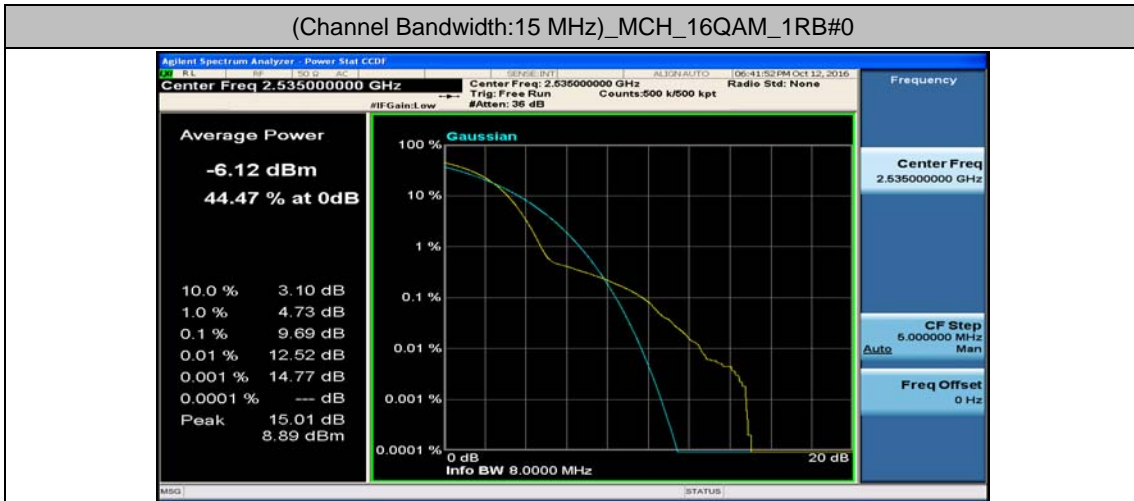
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38



(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0



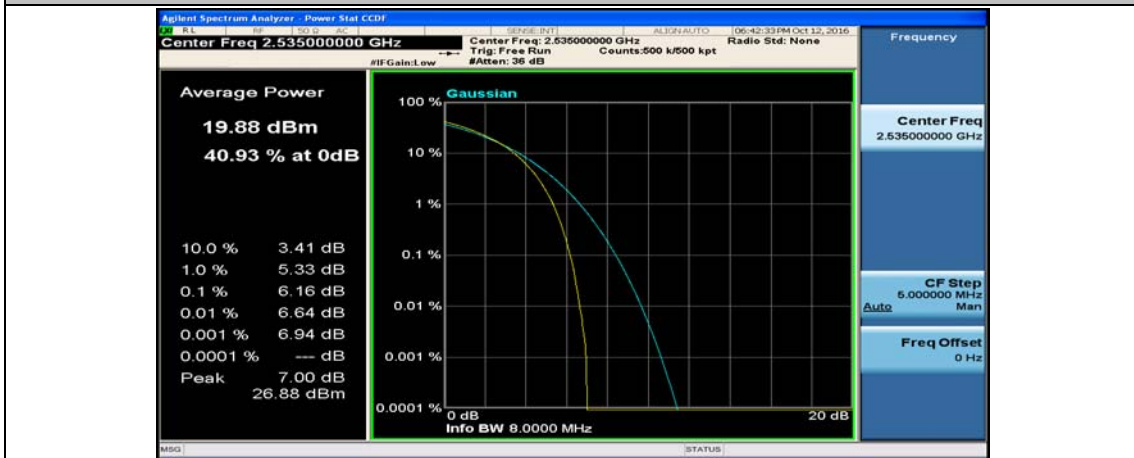
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37



(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0



(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18



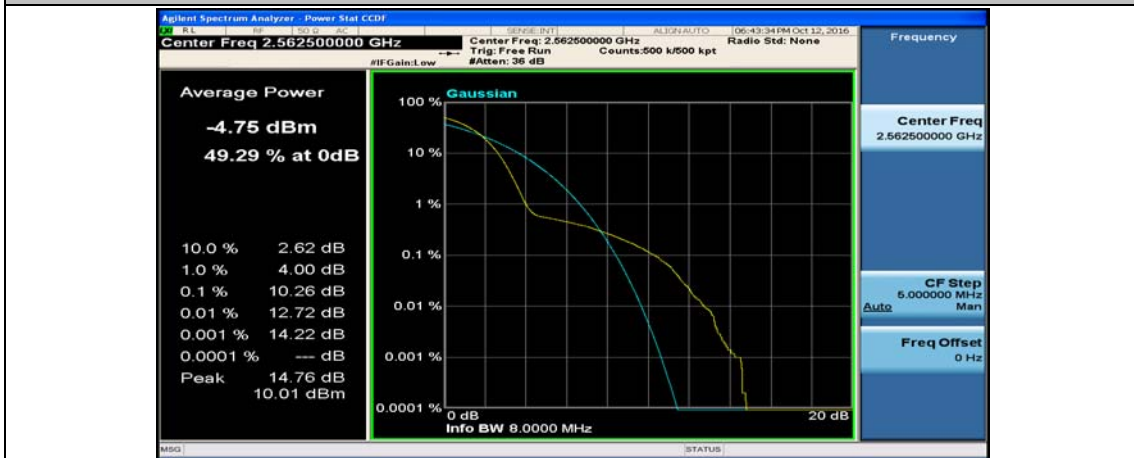
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38



(Channel Bandwidth:15 MHz)_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



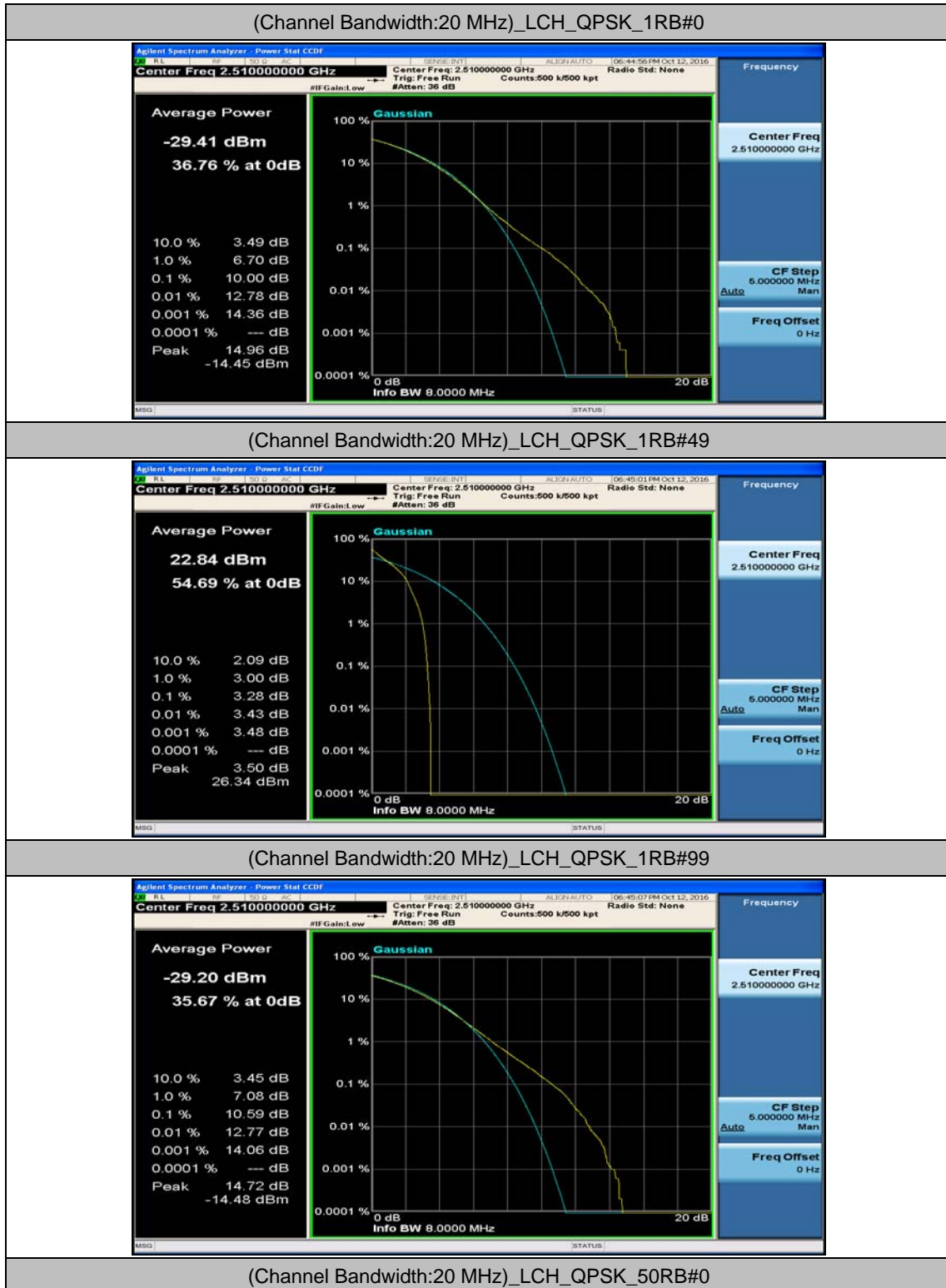
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38



(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

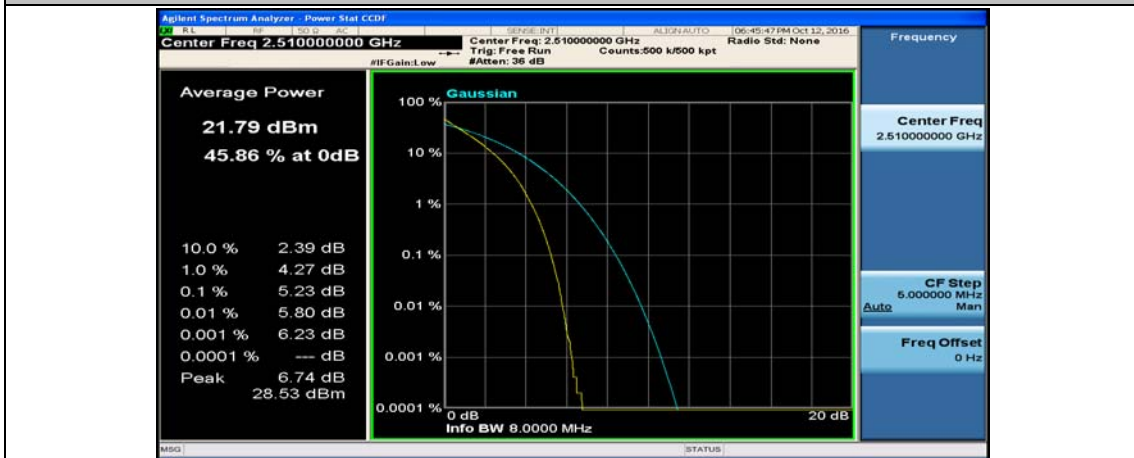


Channel Bandwidth: 20 MHz





(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