

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	22.50	PASS
		1	12	22.61	PASS
		1	24	22.60	PASS
		12	0	21.57	PASS
		12	6	21.58	PASS
		12	13	21.59	PASS
		25	0	21.53	PASS
	MCH	1	0	23.65	PASS
		1	12	23.81	PASS
		1	24	23.84	PASS
		12	0	22.64	PASS
		12	6	22.69	PASS
		12	13	22.75	PASS
		25	0	22.63	PASS
	HCH	1	0	23.93	PASS
		1	12	22.96	PASS
		1	24	23.21	PASS
		12	0	22.54	PASS
		12	6	22.20	PASS
		12	13	22.06	PASS
		25	0	22.28	PASS
16QAM	LCH	1	0	21.89	PASS
		1	12	21.96	PASS
		1	24	21.95	PASS
		12	0	20.76	PASS
		12	6	20.77	PASS
		12	13	20.80	PASS
		25	0	20.59	PASS
	MCH	1	0	22.66	PASS
		1	12	22.81	PASS
		1	24	22.81	PASS
		12	0	21.72	PASS

		12	6	21.77	PASS
		12	13	21.82	PASS
		25	0	21.71	PASS
	HCH	1	0	23.09	PASS
		1	12	22.22	PASS
		1	24	22.36	PASS
		12	0	21.60	PASS
		12	6	21.30	PASS
		12	13	21.20	PASS
		25	0	21.36	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.54	PASS
		1	24	22.61	PASS
		1	49	22.70	PASS
		25	0	21.56	PASS
		25	12	21.59	PASS
		25	25	21.61	PASS
		50	0	21.54	PASS
	MCH	1	0	23.49	PASS
		1	24	23.69	PASS
		1	49	23.87	PASS
		25	0	22.55	PASS
		25	12	22.63	PASS
		25	25	22.73	PASS
		50	0	22.61	PASS
	HCH	1	0	23.85	PASS
		1	24	23.50	PASS
		1	49	22.62	PASS
		25	0	22.92	PASS
		25	12	22.63	PASS
		25	25	22.21	PASS
		50	0	22.60	PASS
16QAM	LCH	1	0	21.81	PASS
		1	24	21.86	PASS
		1	49	21.92	PASS
		25	0	20.60	PASS
		25	12	20.62	PASS
		25	25	20.68	PASS
		50	0	20.60	PASS

	MCH	1	0	22.75	PASS
		1	24	22.91	PASS
		1	49	23.09	PASS
		25	0	21.60	PASS
		25	12	21.71	PASS
		25	25	21.81	PASS
		50	0	21.67	PASS
	HCH	1	0	23.29	PASS
		1	24	22.99	PASS
		1	49	22.08	PASS
		25	0	21.90	PASS
		25	12	21.71	PASS
		25	25	21.30	PASS
		50	0	21.67	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.69	PASS
		1	37	22.84	PASS
		1	74	22.95	PASS
		37	0	21.75	PASS
		37	18	21.80	PASS
		37	38	21.87	PASS
		75	0	21.81	PASS
	MCH	1	0	23.56	PASS
		1	37	23.87	PASS
		1	74	22.09	PASS
		37	0	22.72	PASS
		37	18	22.85	PASS
		37	38	23.00	PASS
		75	0	22.87	PASS
	HCH	1	0	23.69	PASS
		1	37	23.75	PASS
		1	74	22.85	PASS
		37	0	22.81	PASS
		37	18	22.82	PASS
		37	38	22.45	PASS
		75	0	22.68	PASS
16QAM	LCH	1	0	21.97	PASS
		1	37	22.07	PASS
		1	74	22.16	PASS

		37	0	20.75	PASS
		37	18	20.81	PASS
		37	38	20.88	PASS
		75	0	20.84	PASS
	MCH	1	0	22.79	PASS
		1	37	23.10	PASS
		1	74	23.31	PASS
		37	0	21.73	PASS
		37	18	21.86	PASS
		37	38	21.99	PASS
		75	0	21.89	PASS
	HCH	1	0	22.94	PASS
		1	37	23.14	PASS
		1	74	22.20	PASS
		37	0	21.79	PASS
		37	18	21.85	PASS
		37	38	21.56	PASS
		75	0	21.64	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.85	PASS
		1	49	22.91	PASS
		1	99	23.27	PASS
		50	0	21.74	PASS
		50	25	21.78	PASS
		50	50	21.91	PASS
		100	0	21.82	PASS
	MCH	1	0	23.57	PASS
		1	49	23.93	PASS
		1	99	22.25	PASS
		50	0	22.63	PASS
		50	25	22.81	PASS
		50	50	23.06	PASS
		100	0	22.80	PASS
	HCH	1	0	23.75	PASS
		1	49	23.80	PASS
		1	99	22.88	PASS
		50	0	22.53	PASS
		50	25	22.67	PASS

		50	50	22.48	PASS
		100	0	22.58	PASS
16QAM	LCH	1	0	22.00	PASS
		1	49	22.05	PASS
		1	99	22.40	PASS
		50	0	20.75	PASS
		50	25	20.81	PASS
		50	50	20.93	PASS
		100	0	20.85	PASS
	MCH	1	0	22.71	PASS
		1	49	23.06	PASS
		1	99	23.48	PASS
		50	0	21.65	PASS
		50	25	21.85	PASS
		50	50	22.03	PASS
		100	0	21.85	PASS
	HCH	1	0	23.01	PASS
		1	49	23.20	PASS
		1	99	22.27	PASS
		50	0	21.53	PASS
		50	25	21.74	PASS
		50	50	21.63	PASS
		100	0	21.57	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	4.67	<13	PASS
		1	12	4.53	<13	PASS
		1	24	4.59	<13	PASS
		12	0	5.38	<13	PASS
		12	6	5.37	<13	PASS
		12	13	5.37	<13	PASS
		25	0	5.44	<13	PASS
	MCH	1	0	4.78	<13	PASS
		1	12	4.57	<13	PASS
		1	24	4.36	<13	PASS
		12	0	5.29	<13	PASS
		12	6	5.24	<13	PASS
		12	13	5.12	<13	PASS
		25	0	5.29	<13	PASS
	HCH	1	0	3.76	<13	PASS
		1	12	4.41	<13	PASS
		1	24	4.48	<13	PASS
		12	0	4.91	<13	PASS
		12	6	5.05	<13	PASS
		12	13	5.18	<13	PASS
		25	0	5.05	<13	PASS
16QAM	LCH	1	0	5.45	<13	PASS
		1	12	5.59	<13	PASS
		1	24	5.6	<13	PASS
		12	0	6	<13	PASS
		12	6	6.16	<13	PASS
		12	13	6.15	<13	PASS
		25	0	6.2	<13	PASS
	MCH	1	0	5.41	<13	PASS
		1	12	5.13	<13	PASS
		1	24	5.04	<13	PASS
		12	0	6.17	<13	PASS
		12	6	6.19	<13	PASS

		12	13	6.06	<13	PASS
		25	0	6.07	<13	PASS
	HCH	1	0	4.79	<13	PASS
		1	12	5.35	<13	PASS
		1	24	5.35	<13	PASS
		12	0	5.7	<13	PASS
		12	6	5.78	<13	PASS
		12	13	5.85	<13	PASS
		25	0	5.83	<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	4.75	<13	PASS
		1	24	4.82	<13	PASS
		1	49	4.66	<13	PASS
		25	0	5.35	<13	PASS
		25	12	5.37	<13	PASS
		25	25	5.32	<13	PASS
		50	0	5.28	<13	PASS
	MCH	1	0	4.91	<13	PASS
		1	24	4.55	<13	PASS
		1	49	4.16	<13	PASS
		25	0	5.29	<13	PASS
		25	12	5.2	<13	PASS
		25	25	5.09	<13	PASS
		50	0	5.17	<13	PASS
	HCH	1	0	4.46	<13	PASS
		1	24	4.14	<13	PASS
		1	49	4.57	<13	PASS
		25	0	4.99	<13	PASS
		25	12	5	<13	PASS
		25	25	5.06	<13	PASS
		50	0	5.04	<13	PASS
16QAM	LCH	1	0	5.64	<13	PASS
		1	24	5.79	<13	PASS
		1	49	5.59	<13	PASS
		25	0	6.18	<13	PASS
		25	12	6.24	<13	PASS
		25	25	6.16	<13	PASS

	MCH	50	0	6.04	<13	PASS
		1	0	5.73	<13	PASS
		1	24	5.48	<13	PASS
		1	49	5.08	<13	PASS
		25	0	6.17	<13	PASS
		25	12	6.06	<13	PASS
		25	25	5.9	<13	PASS
		50	0	5.92	<13	PASS
	HCH	1	0	5.25	<13	PASS
		1	24	4.83	<13	PASS
		1	49	5.5	<13	PASS
		25	0	5.93	<13	PASS
		25	12	5.75	<13	PASS
		25	25	5.84	<13	PASS
		50	0	5.79	<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	4.71	<13	PASS
		1	37	4.7	<13	PASS
		1	74	4.44	<13	PASS
		37	0	5.32	<13	PASS
		37	18	5.29	<13	PASS
		37	38	5.15	<13	PASS
		75	0	5.48	<13	PASS
	MCH	1	0	4.92	<13	PASS
		1	37	4.59	<13	PASS
		1	74	3.98	<13	PASS
		37	0	5.29	<13	PASS
		37	18	5.16	<13	PASS
		37	38	5.00	<13	PASS
		75	0	5.44	<13	PASS
	HCH	1	0	5.02	<13	PASS
		1	37	4.32	<13	PASS
		1	74	4.65	<13	PASS
		37	0	5.26	<13	PASS
		37	18	5.04	<13	PASS
		37	38	4.99	<13	PASS
		75	0	5.37	<13	PASS

16QAM	LCH	1	0	5.63	<13	PASS
		1	37	5.54	<13	PASS
		1	74	5.26	<13	PASS
		37	0	6.16	<13	PASS
		37	18	6.03	<13	PASS
		37	38	5.98	<13	PASS
		75	0	6.04	<13	PASS
	MCH	1	0	5.94	<13	PASS
		1	37	5.42	<13	PASS
		1	74	4.88	<13	PASS
		37	0	6.02	<13	PASS
		37	18	5.95	<13	PASS
		37	38	5.89	<13	PASS
		75	0	6.01	<13	PASS
	HCH	1	0	5.86	<13	PASS
		1	37	5.1	<13	PASS
		1	74	5.47	<13	PASS
		37	0	6.18	<13	PASS
		37	18	5.93	<13	PASS
		37	38	5.8	<13	PASS
		75	0	5.95	<13	PASS

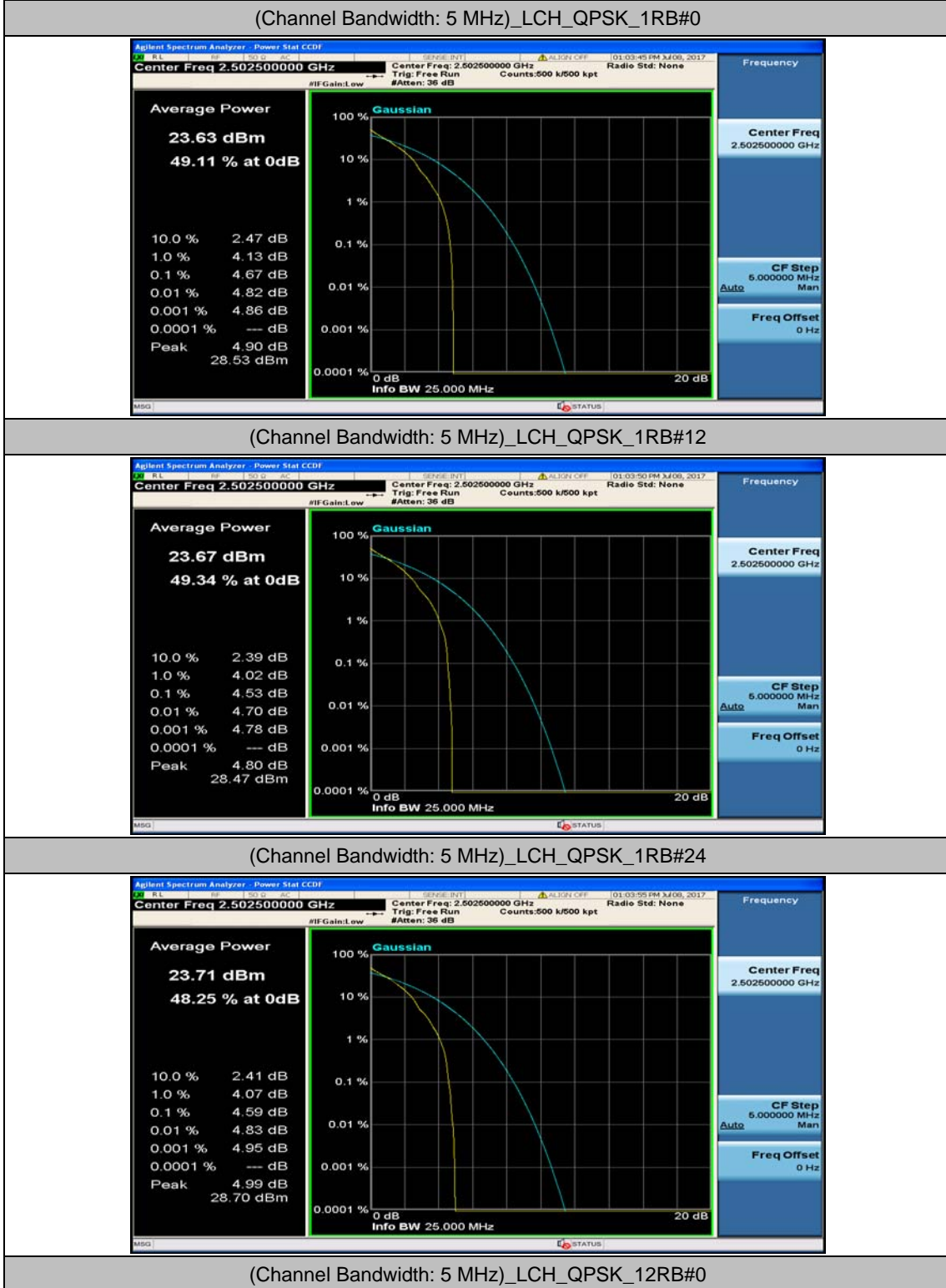
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.68	<13	PASS
		1	49	4.54	<13	PASS
		1	99	4.38	<13	PASS
		50	0	5.3	<13	PASS
		50	25	5.2	<13	PASS
		50	50	5.17	<13	PASS
		100	0	5.31	<13	PASS
	MCH	1	0	4.78	<13	PASS
		1	49	4.51	<13	PASS
		1	99	4.11	<13	PASS
		50	0	5.35	<13	PASS
		50	25	5.18	<13	PASS
		50	50	5.06	<13	PASS
		100	0	5.33	<13	PASS
	HCH	1	0	4.99	<13	PASS

		1	49	4.74	<13	PASS
		1	99	4.64	<13	PASS
		50	0	5.4	<13	PASS
		50	25	5.23	<13	PASS
		50	50	5.11	<13	PASS
		100	0	5.26	<13	PASS
16QAM	LCH	1	0	5.63	<13	PASS
		1	49	5.42	<13	PASS
		1	99	5.34	<13	PASS
		50	0	6.04	<13	PASS
		50	25	5.99	<13	PASS
		50	50	5.91	<13	PASS
		100	0	6.05	<13	PASS
	MCH	1	0	5.86	<13	PASS
		1	49	5.09	<13	PASS
		1	99	4.77	<13	PASS
		50	0	6.07	<13	PASS
		50	25	5.95	<13	PASS
		50	50	5.88	<13	PASS
		100	0	6.01	<13	PASS
	HCH	1	0	5.59	<13	PASS
		1	49	5.38	<13	PASS
		1	99	5.31	<13	PASS
		50	0	6.13	<13	PASS
		50	25	5.99	<13	PASS
		50	50	5.82	<13	PASS
		100	0	6	<13	PASS

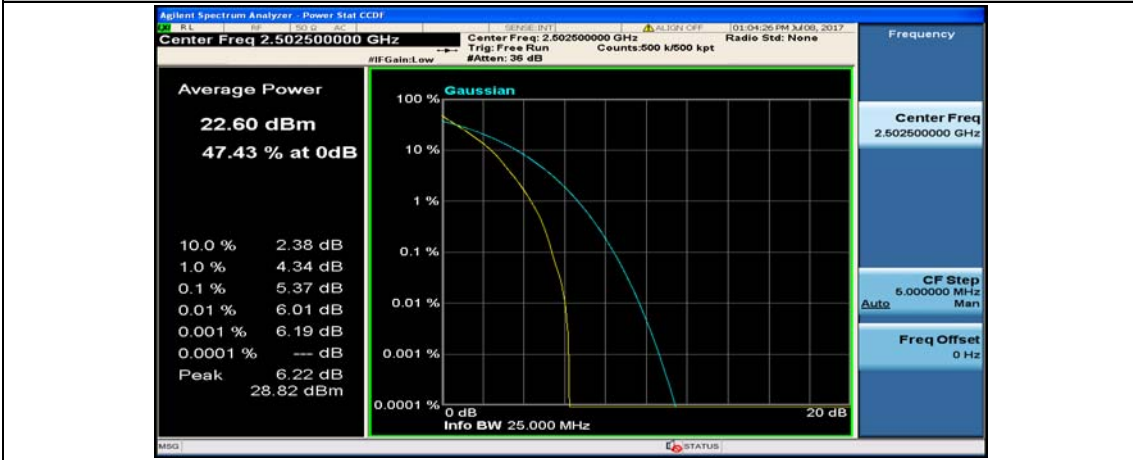
Test Graphs

Channel Bandwidth: 5 MHz





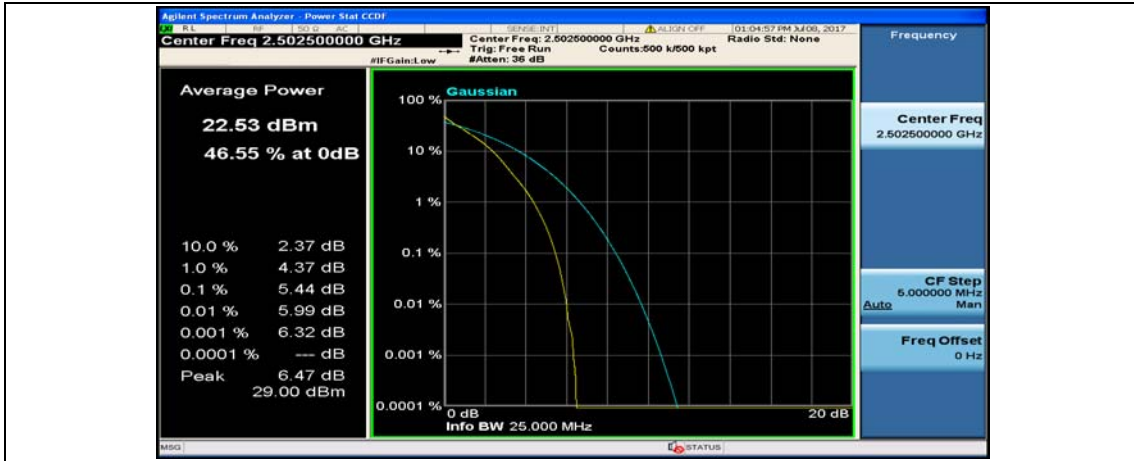
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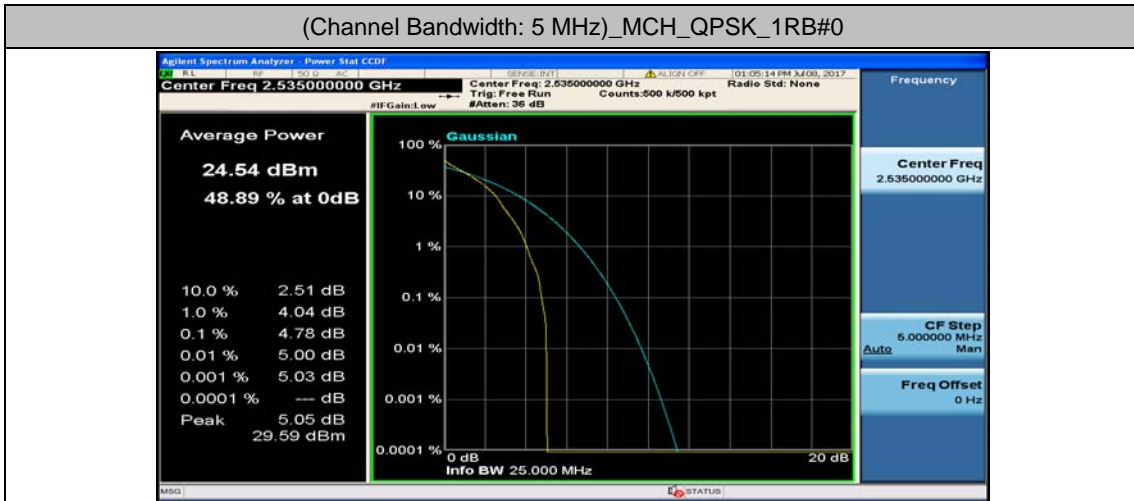
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(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



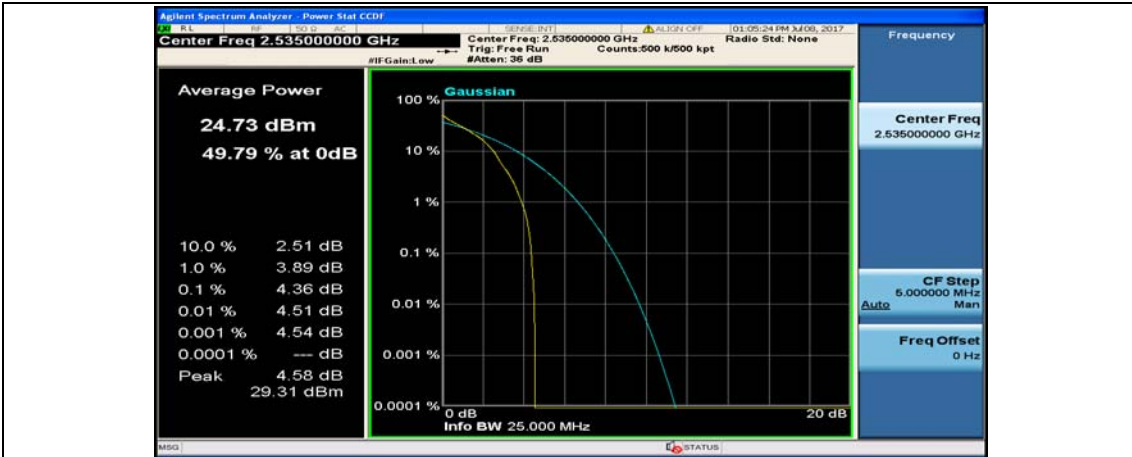
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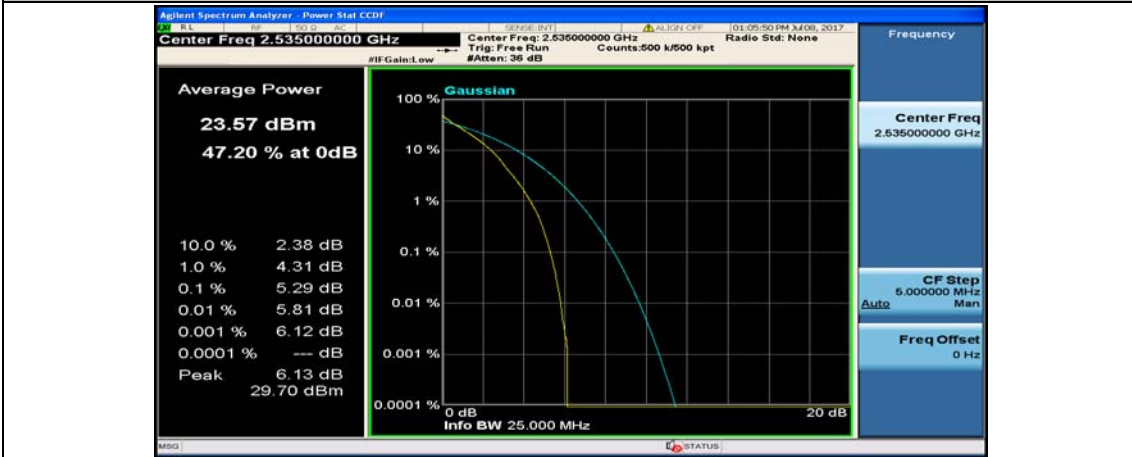
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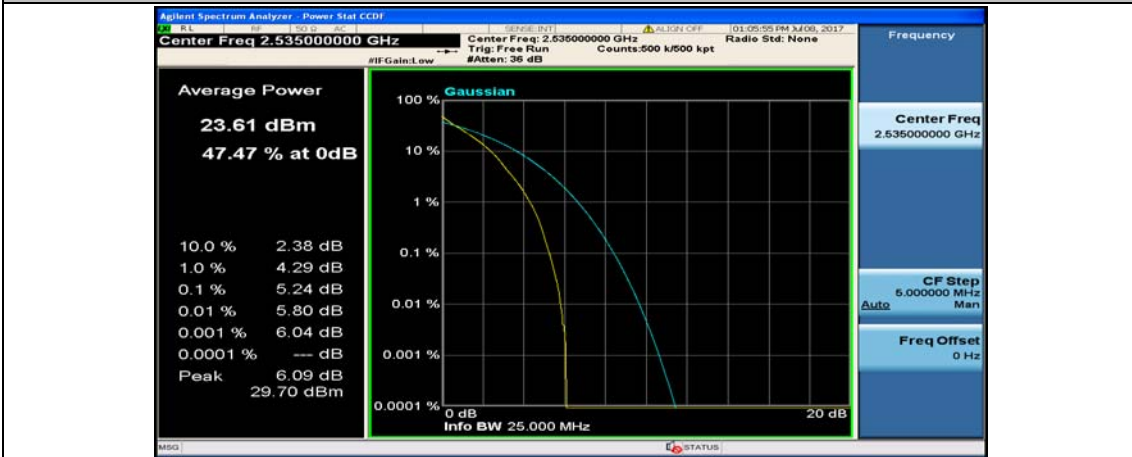
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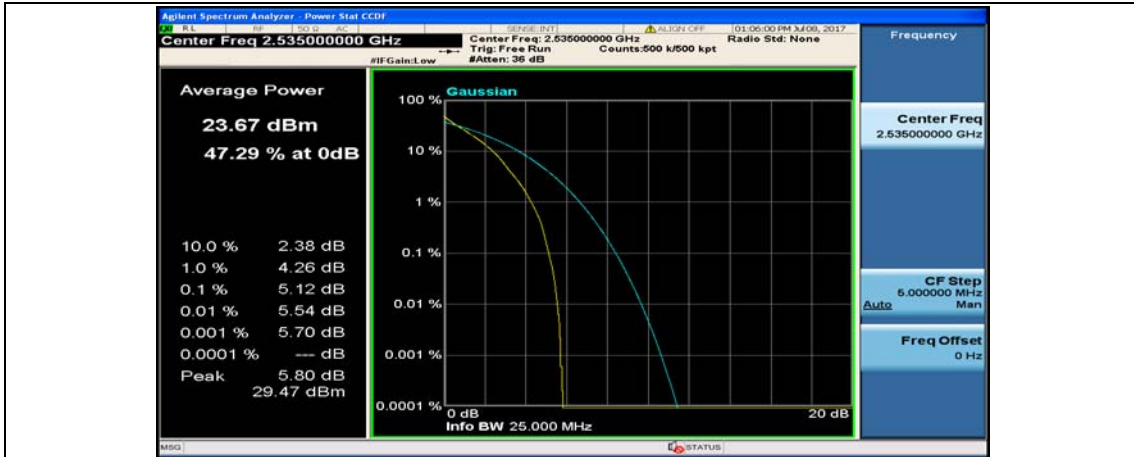
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(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



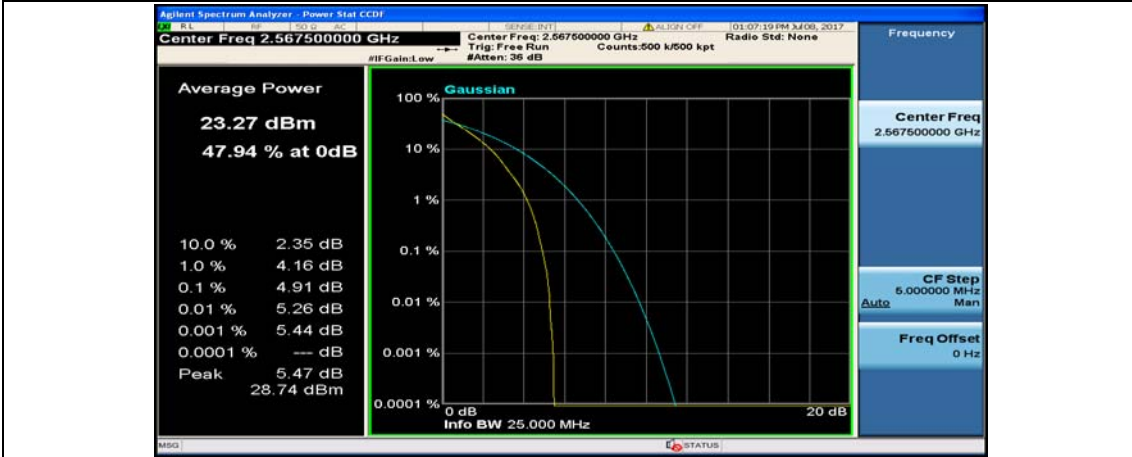
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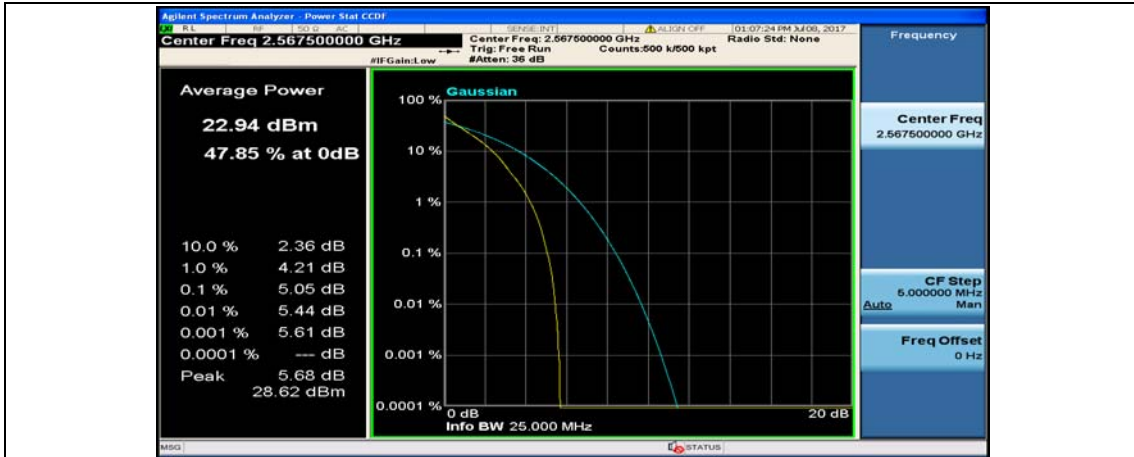
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



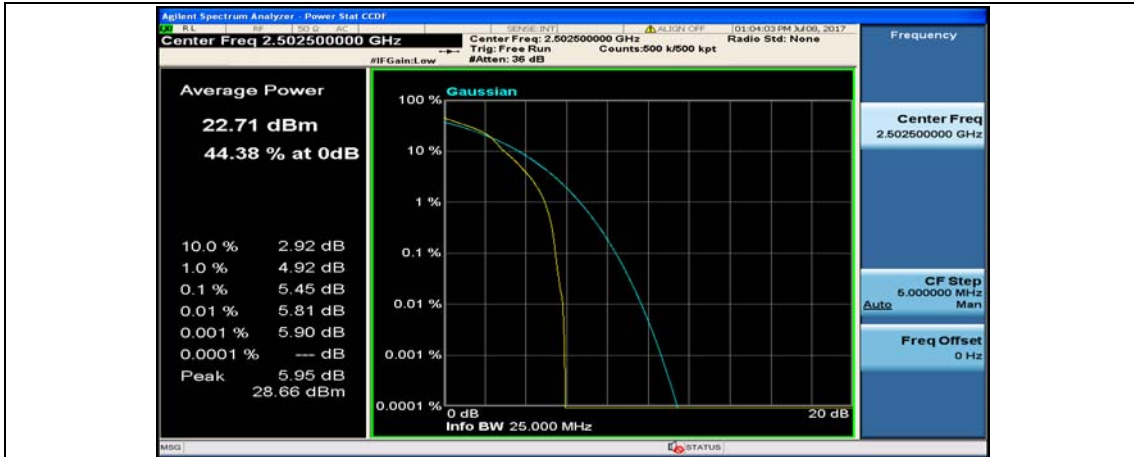
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



(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



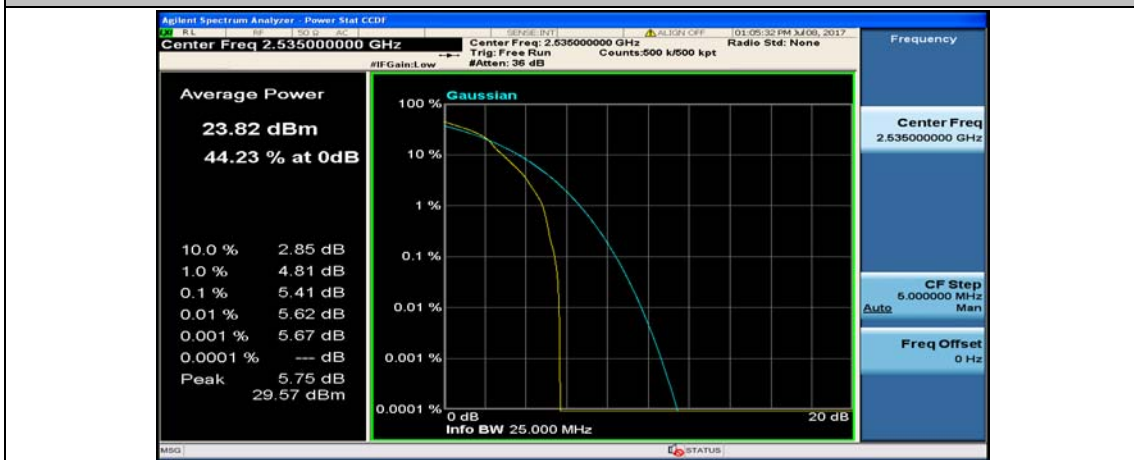
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(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



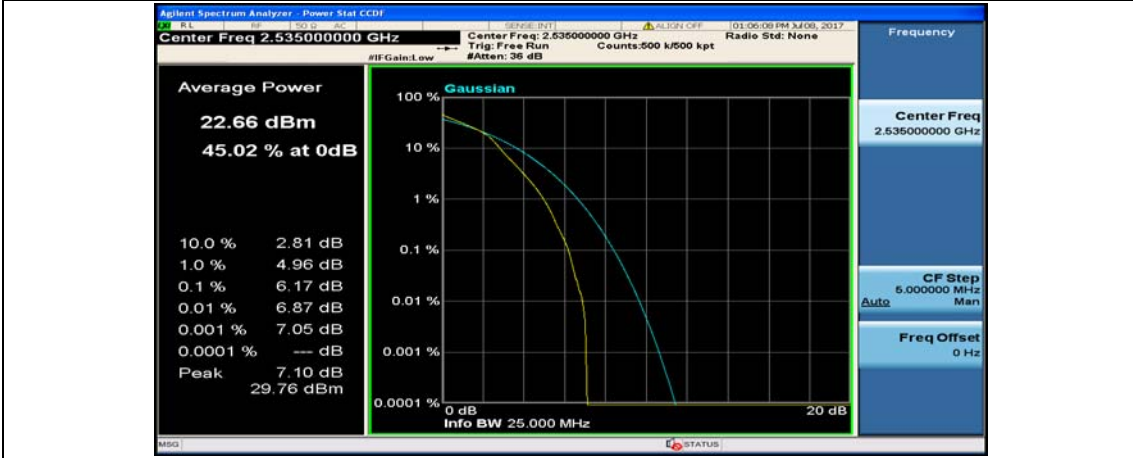
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(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



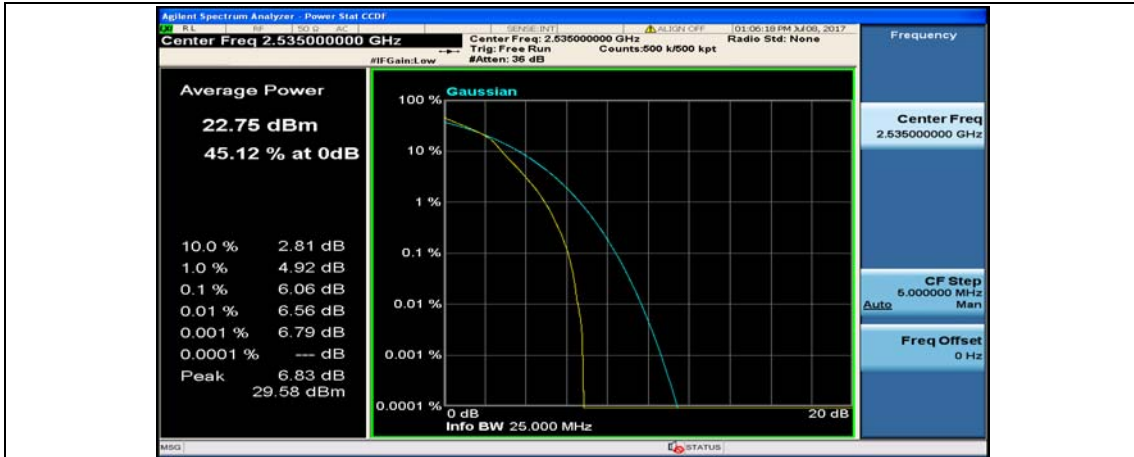
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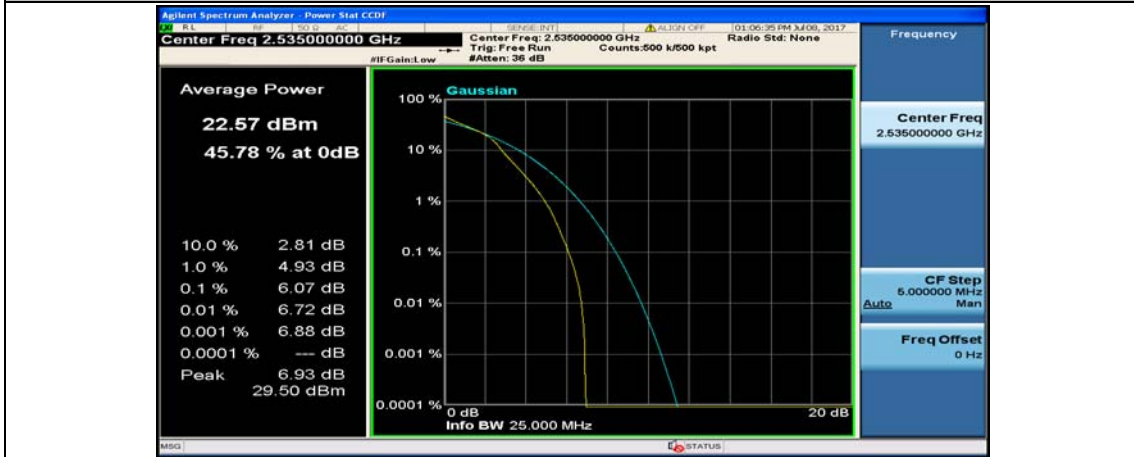
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(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



(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



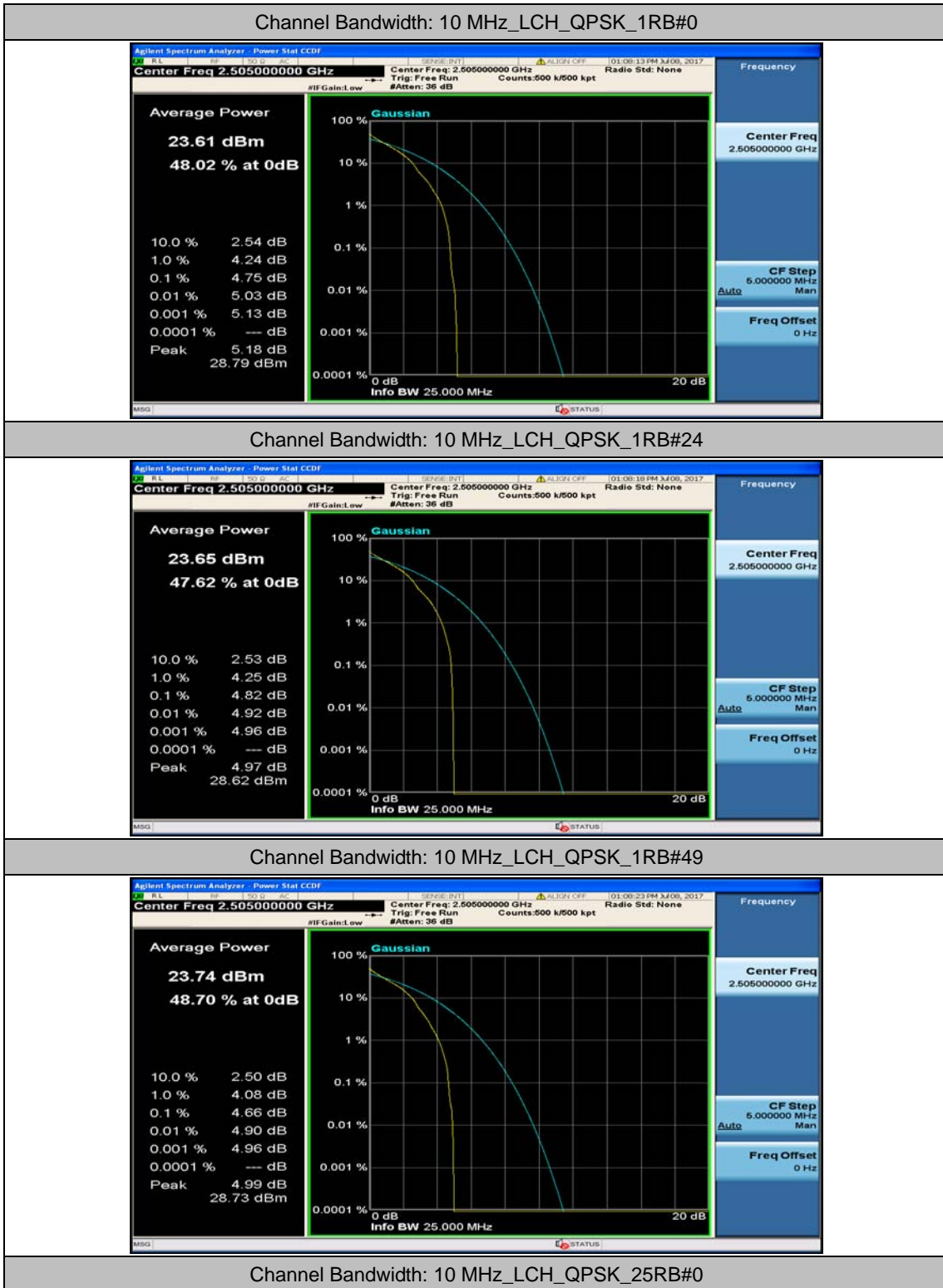
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz





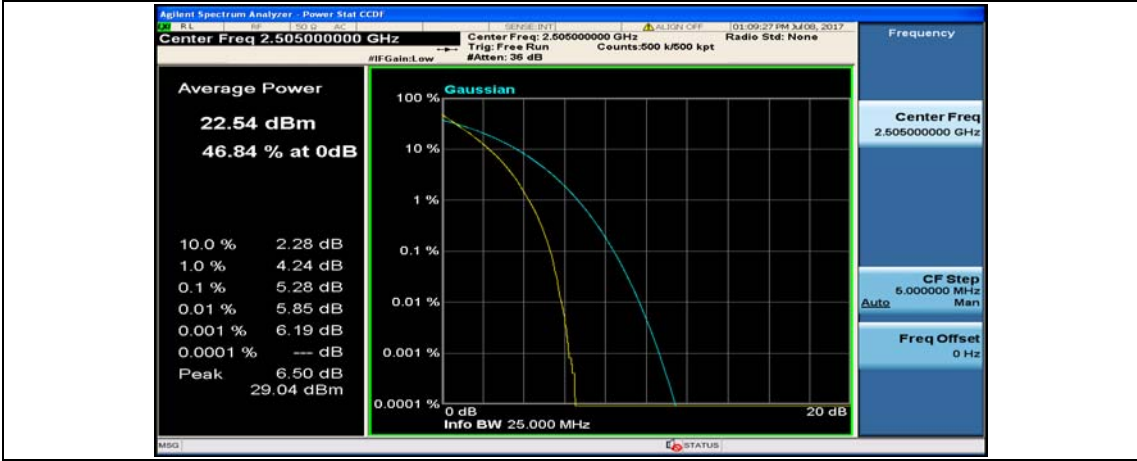
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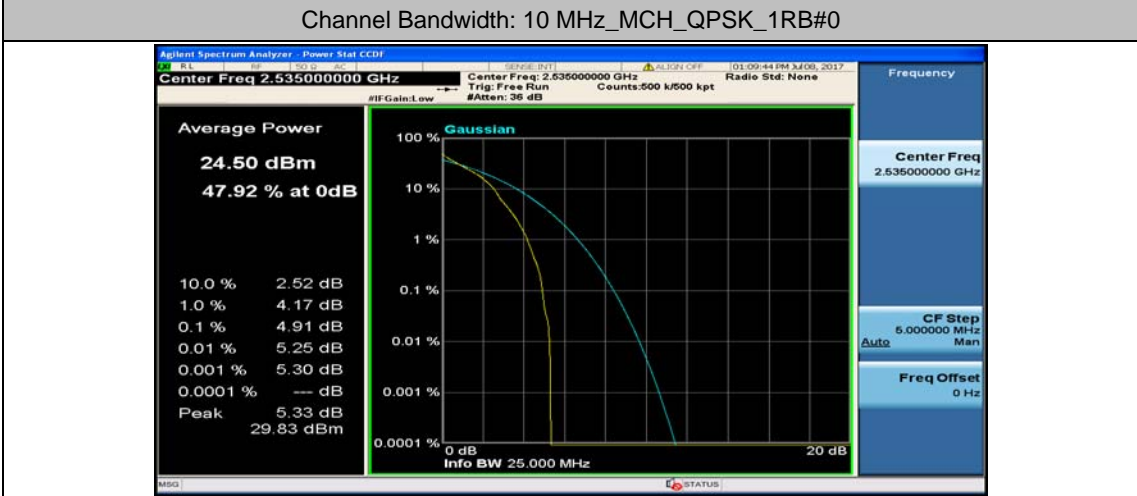
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Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



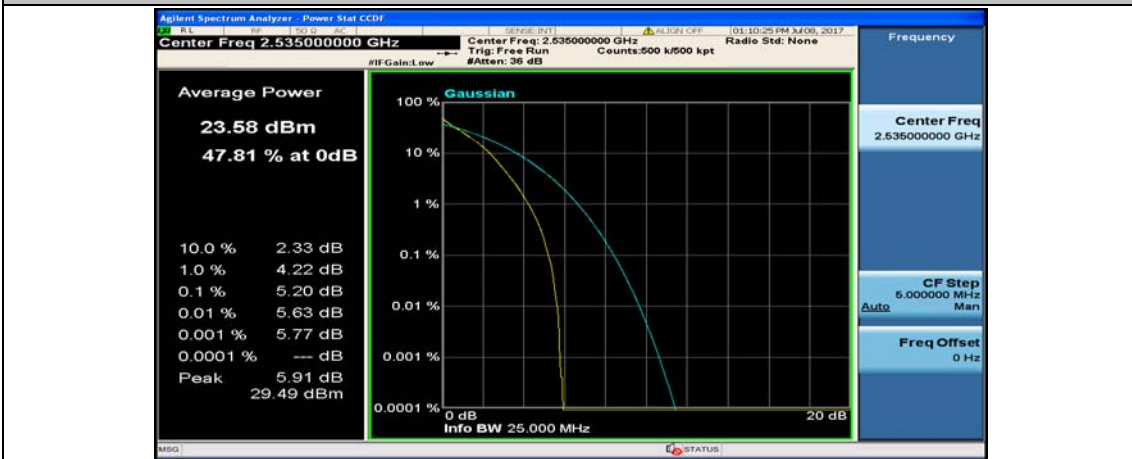
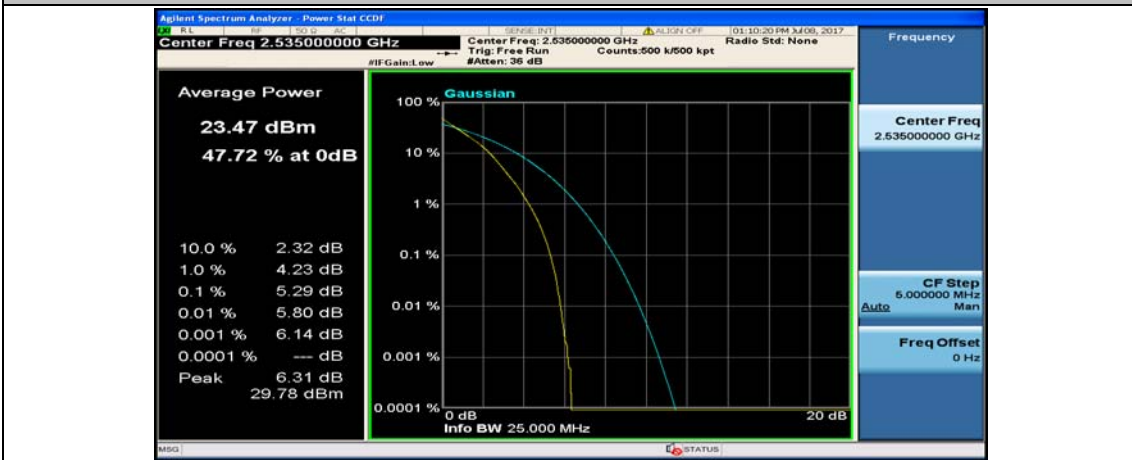
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

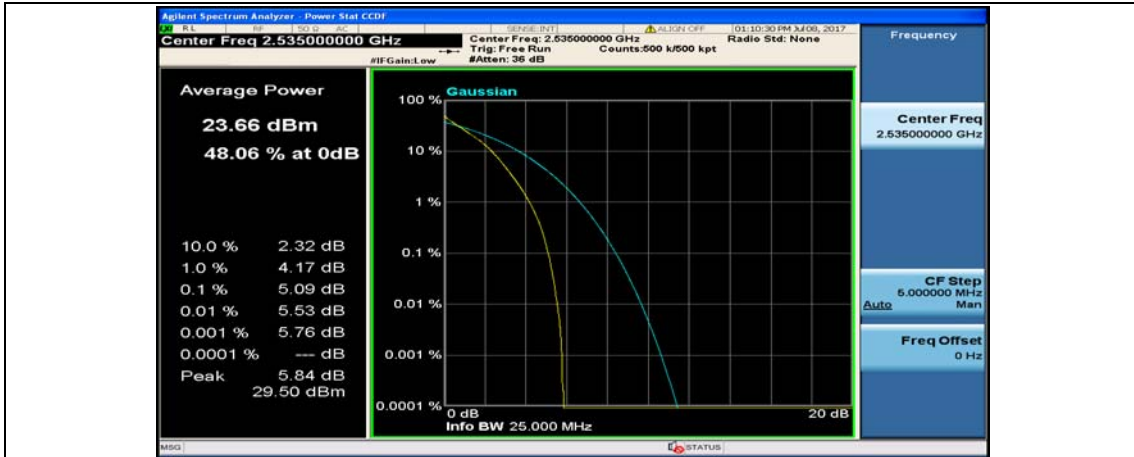


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49





Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



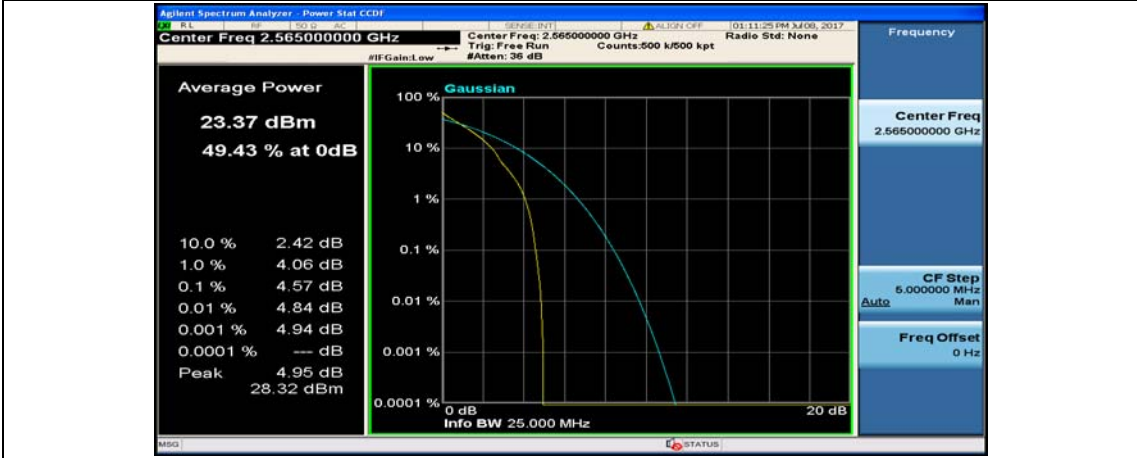
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



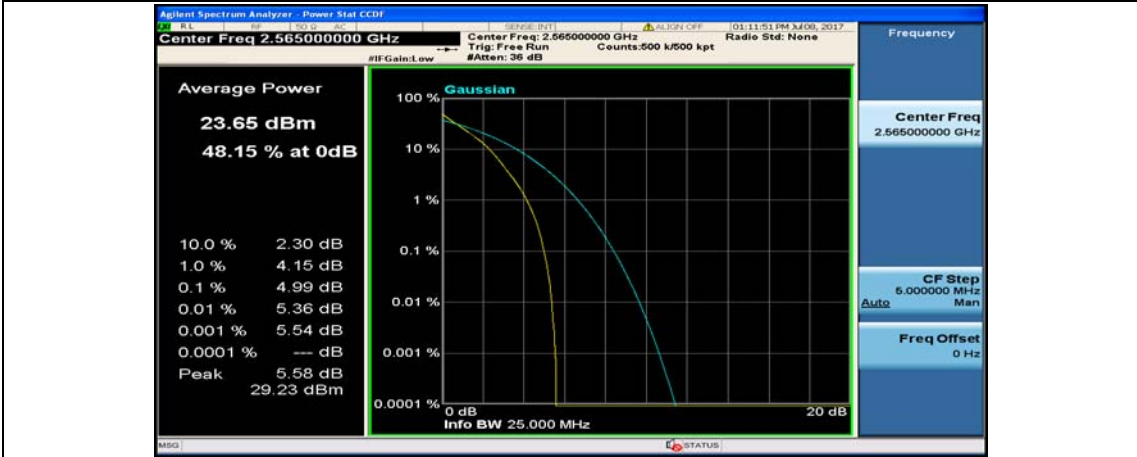
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



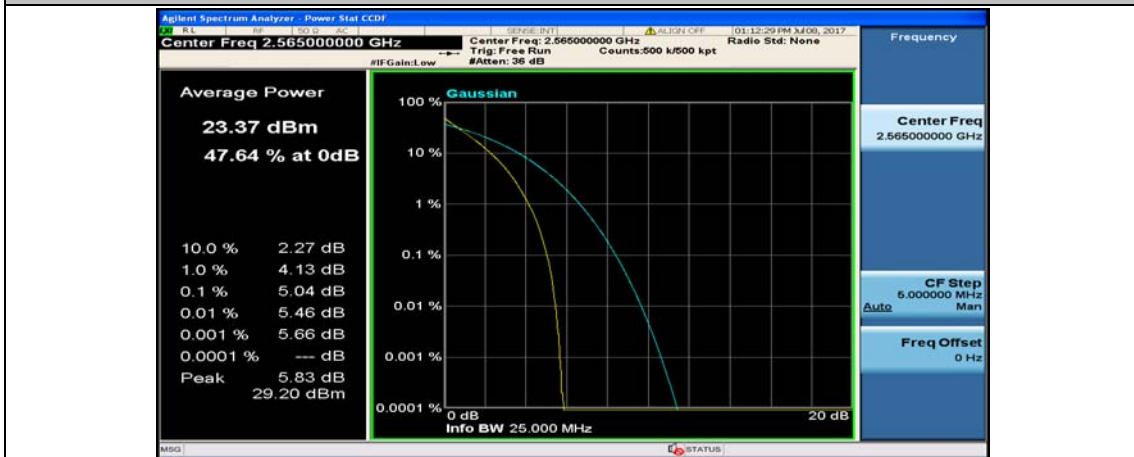
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49

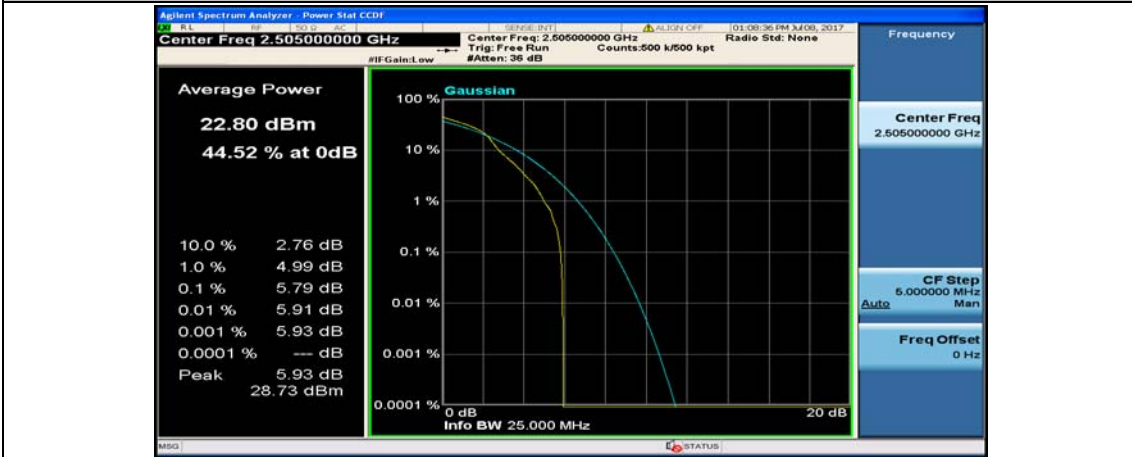
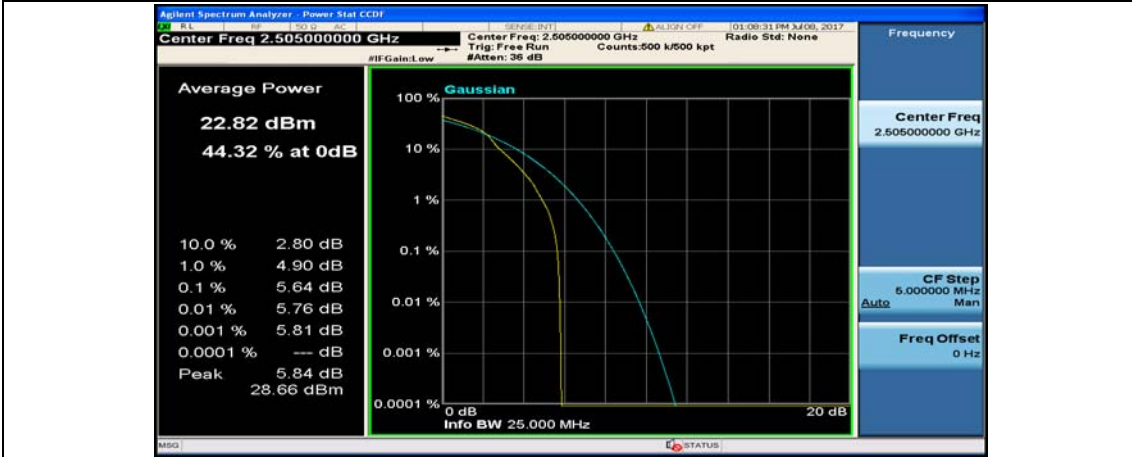


Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0

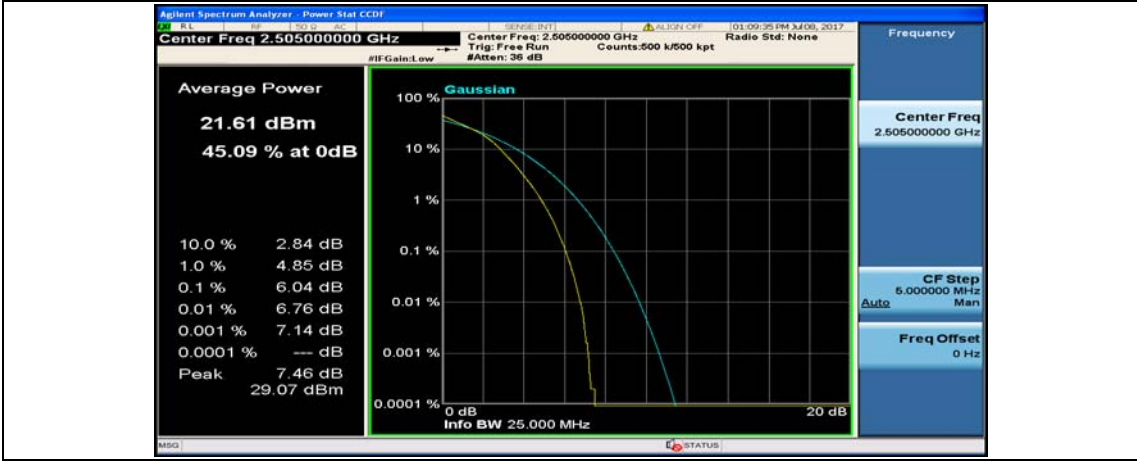


Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12

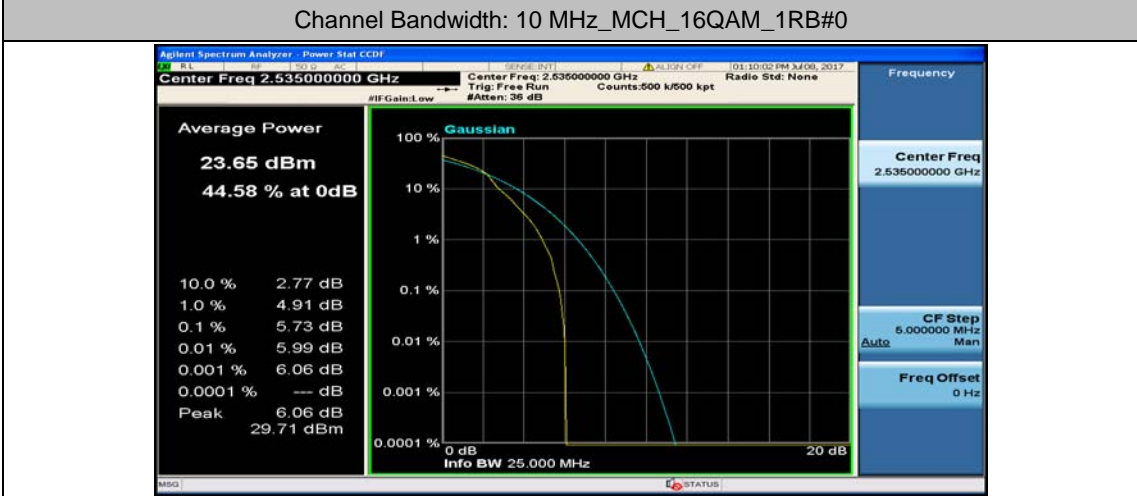








Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



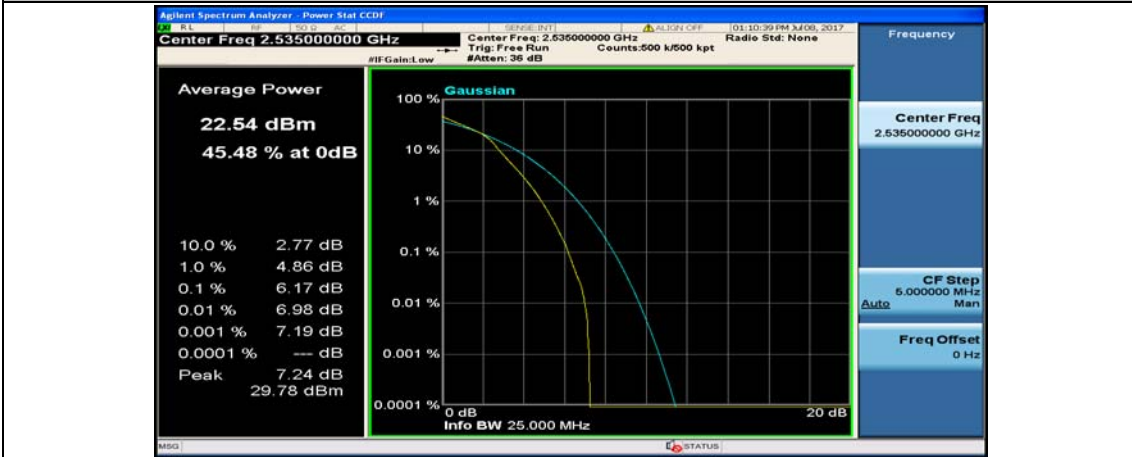
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0



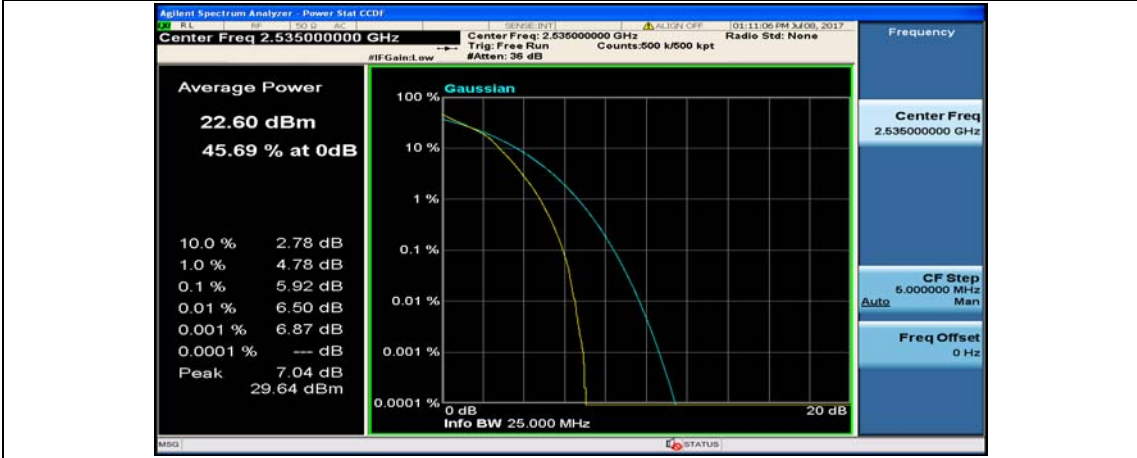
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

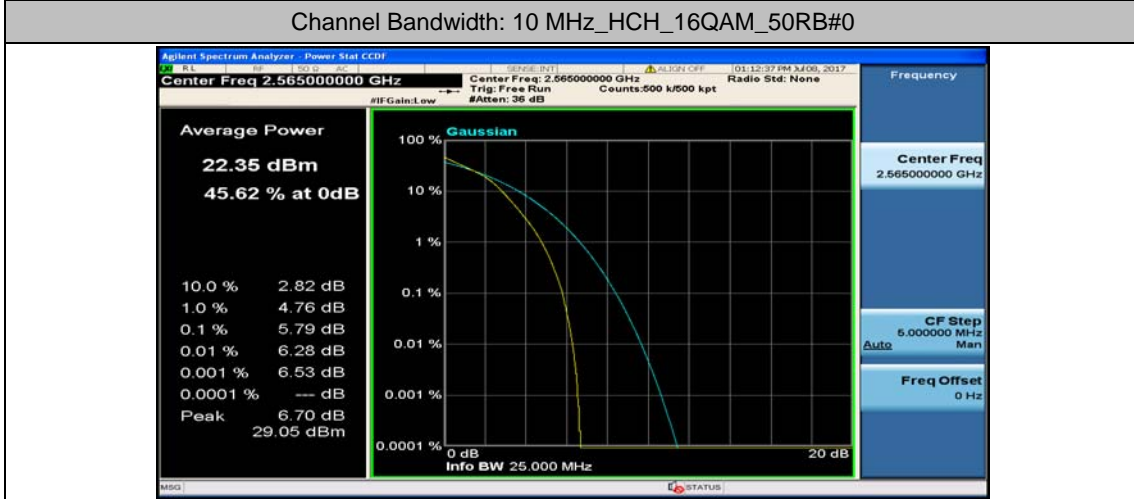
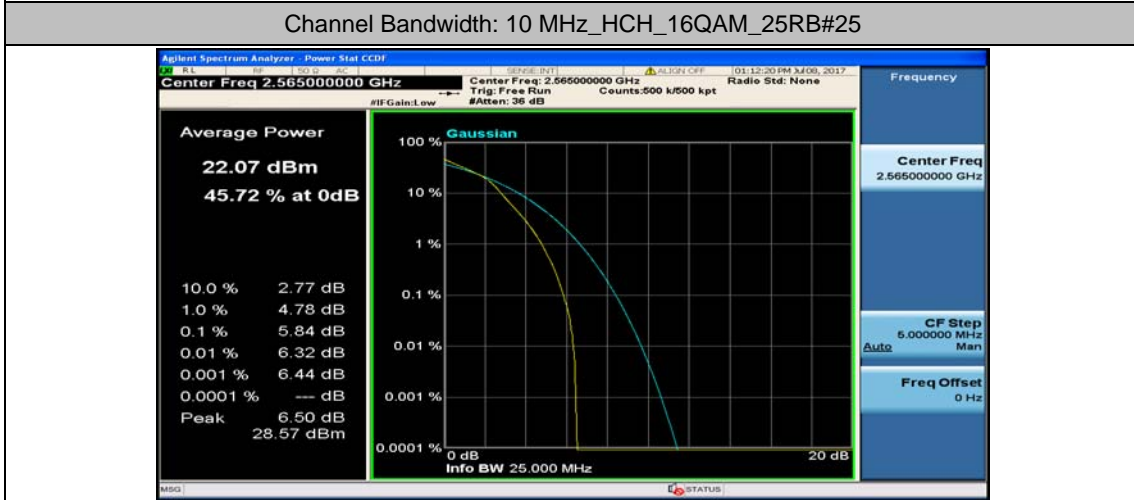
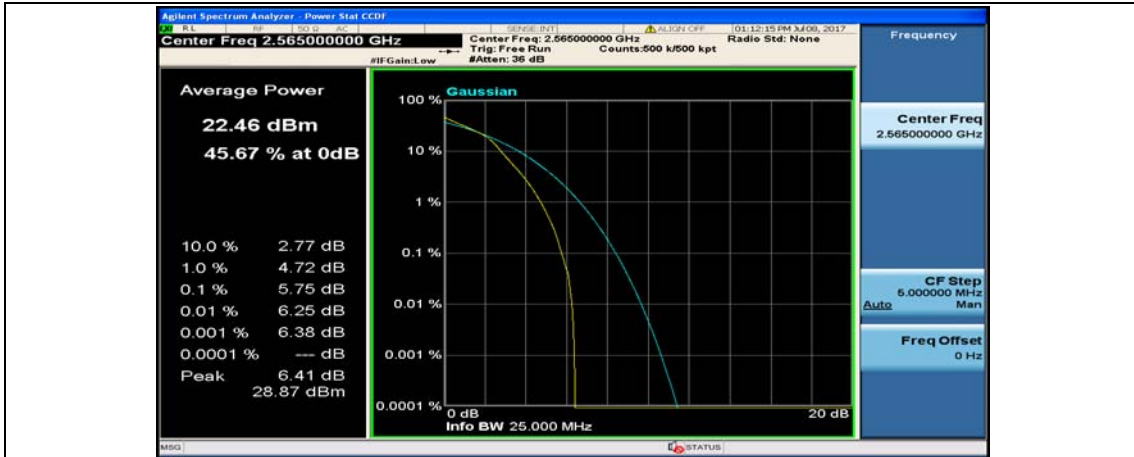


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

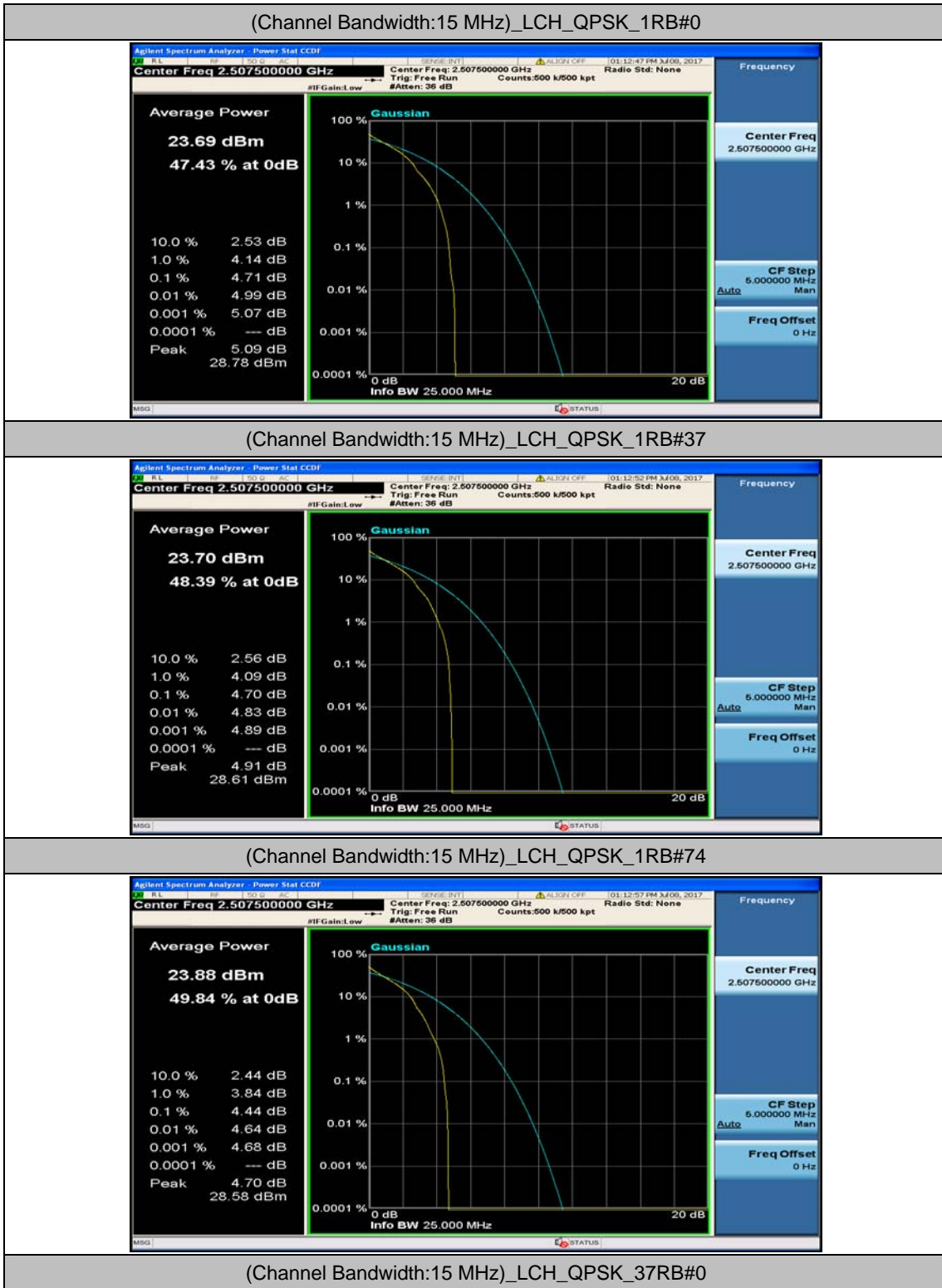


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24





Channel Bandwidth: 15 MHz





(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18



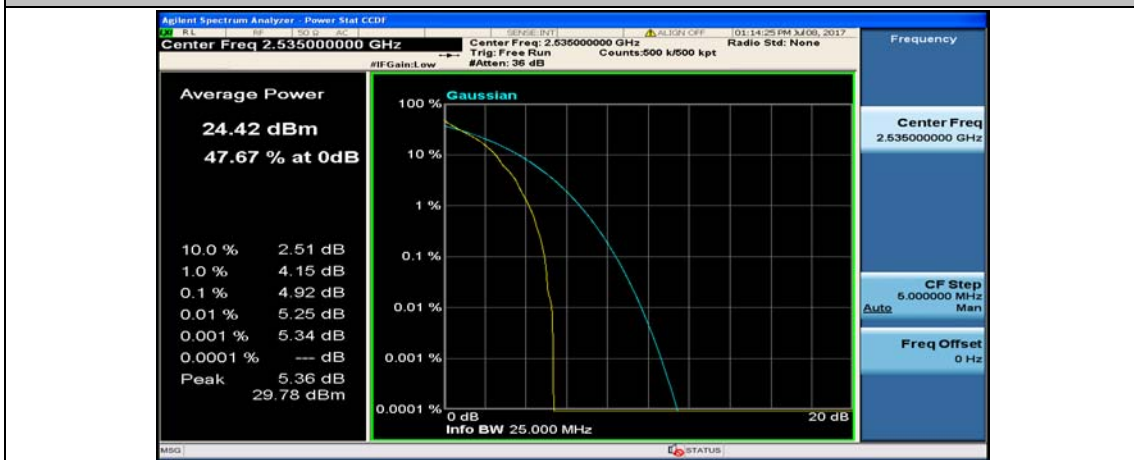
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38



(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



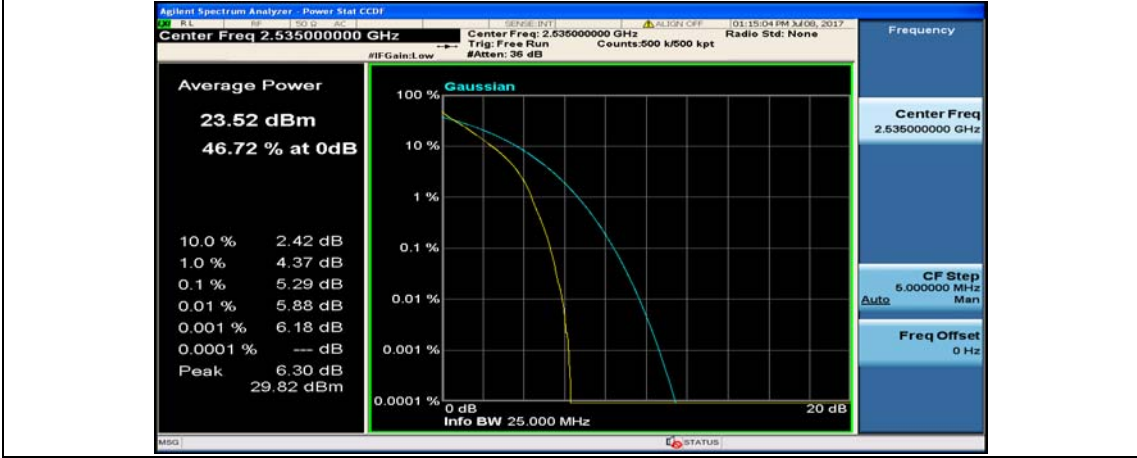
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37



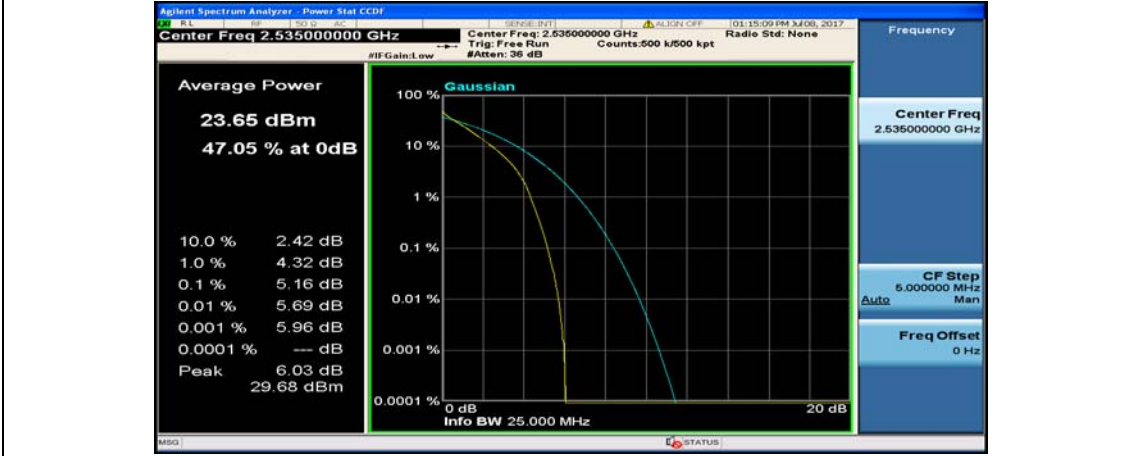
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74



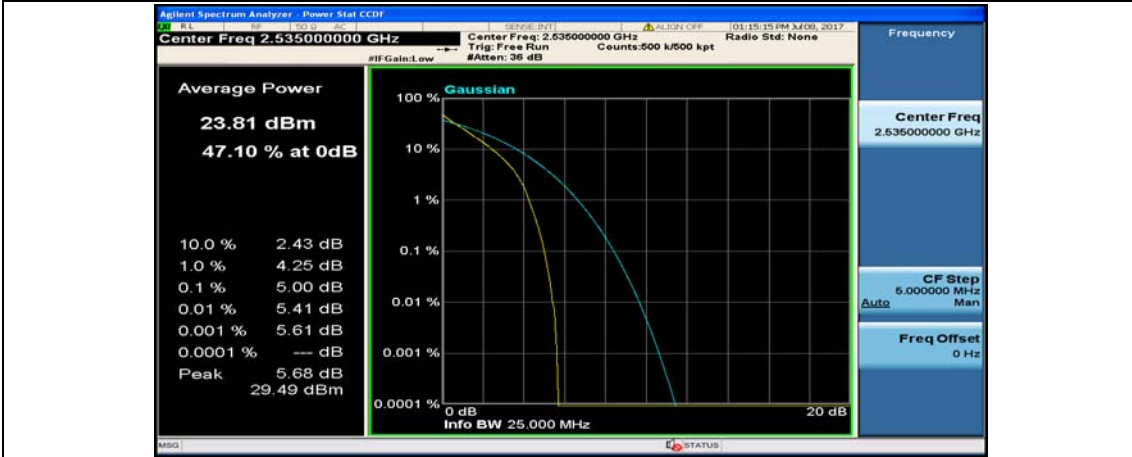
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0



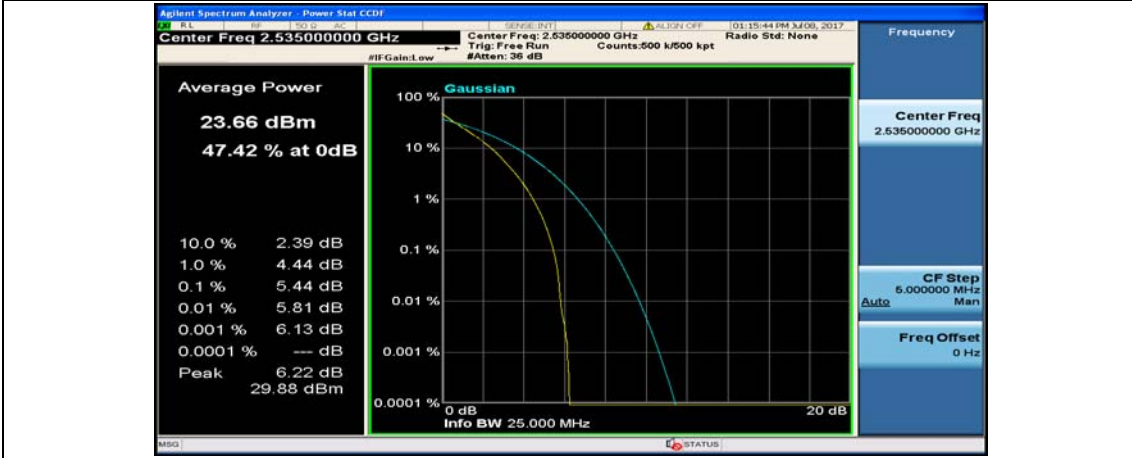
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18



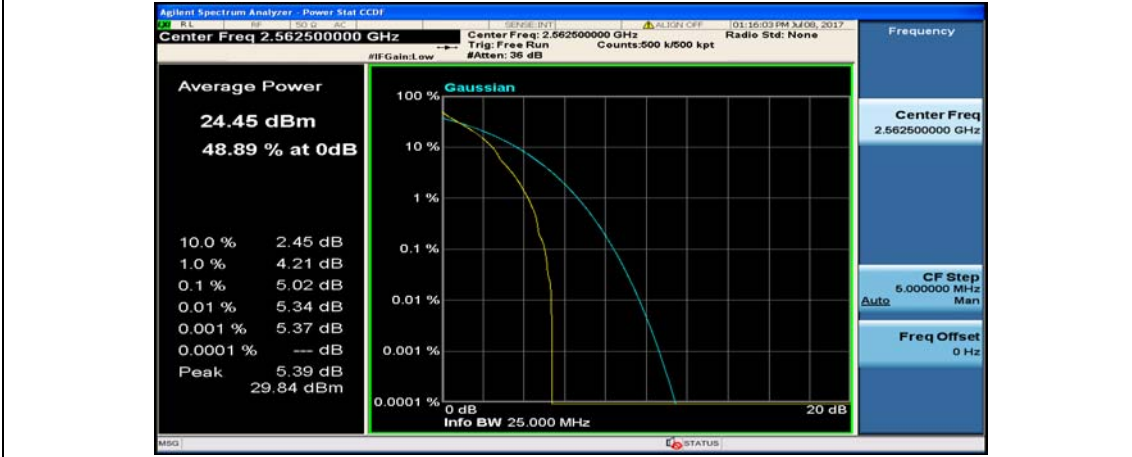
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38



(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



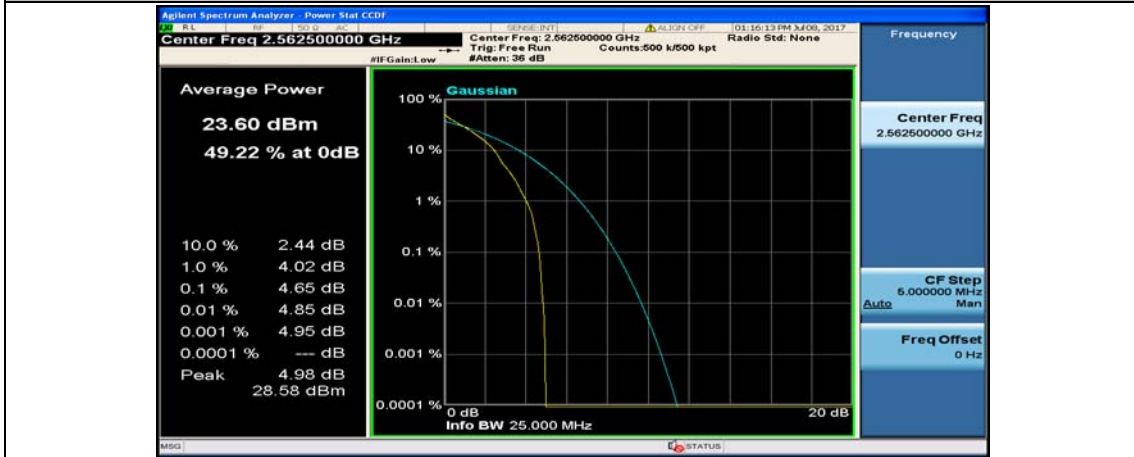
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37



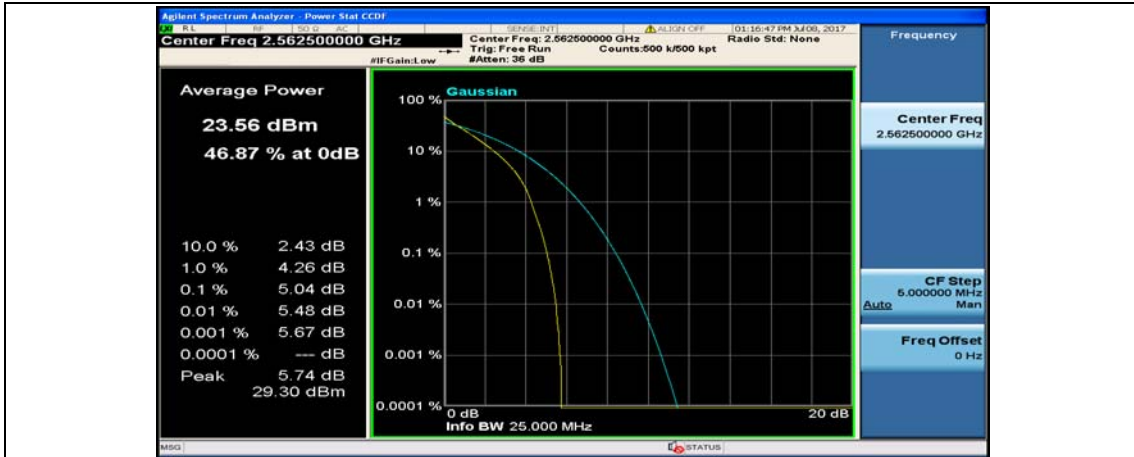
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18



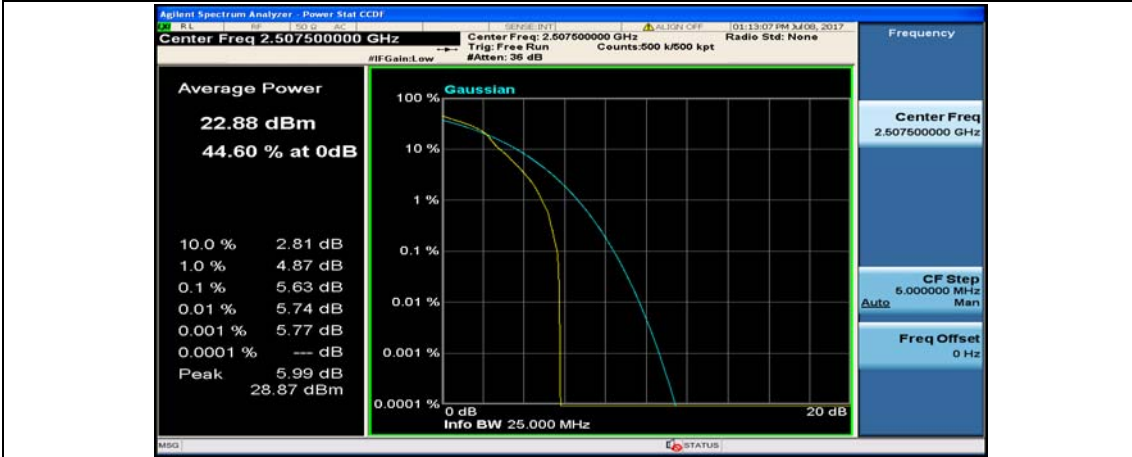
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38



(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



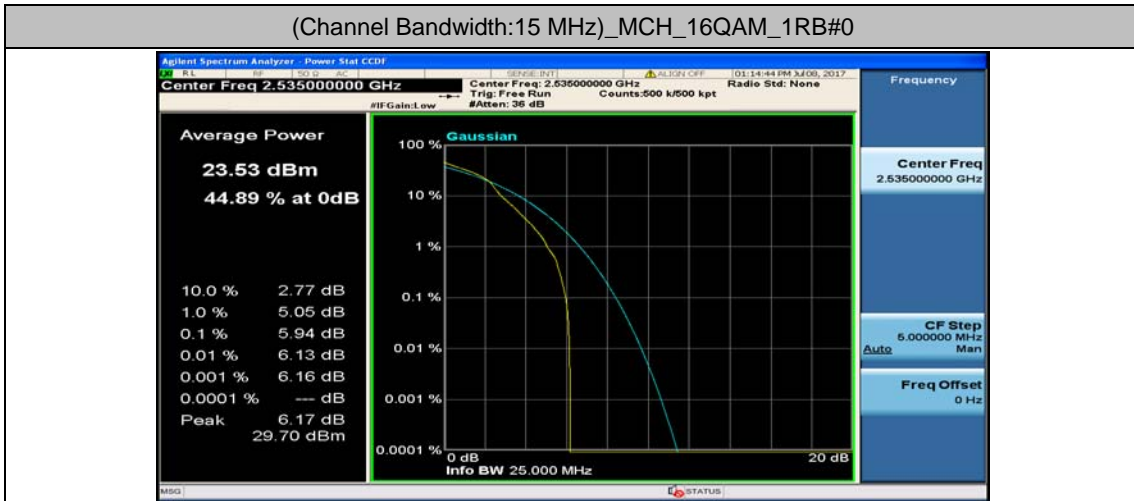
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38



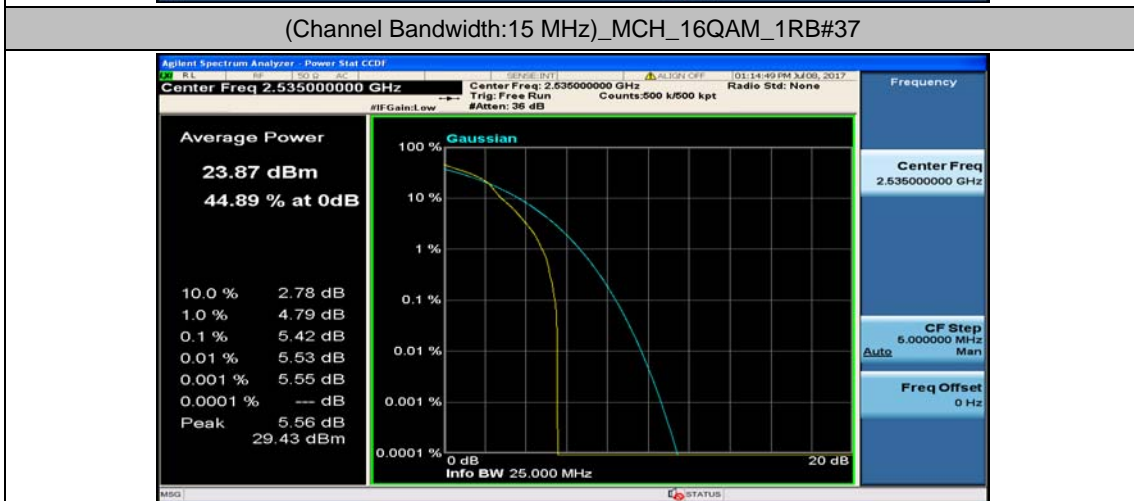
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37



(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74



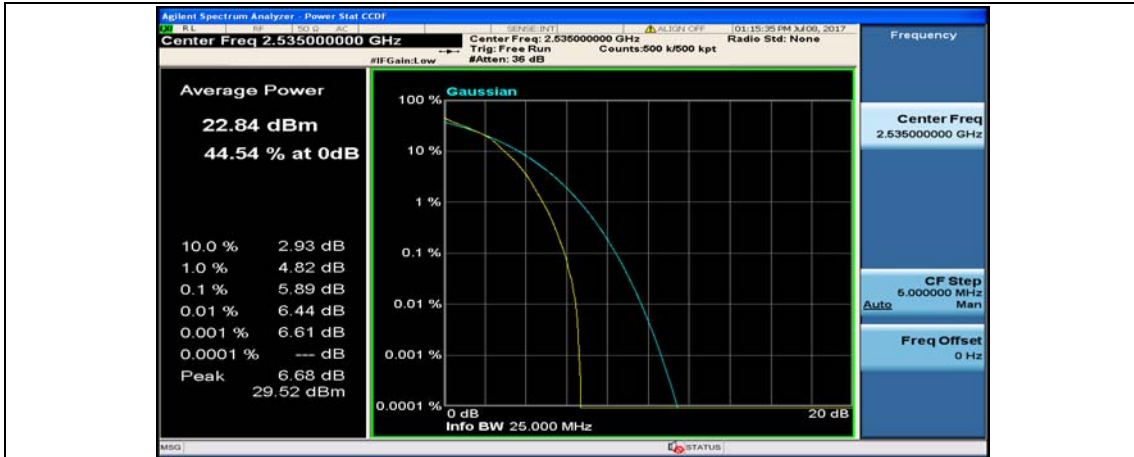
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0



(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