

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	21.75	PASS
		1	12	21.68	PASS
		1	24	21.47	PASS
		12	0	21.7	PASS
		12	6	21.7	PASS
		12	13	21.56	PASS
		25	0	21.59	PASS
	MCH	1	0	22.38	PASS
		1	12	22.28	PASS
		1	24	22.08	PASS
		12	0	21.38	PASS
		12	6	21.38	PASS
		12	13	21.33	PASS
		25	0	21.35	PASS
	HCH	1	0	21.79	PASS
		1	12	21.61	PASS
		1	24	21.44	PASS
		12	0	20.91	PASS
		12	6	20.91	PASS
		12	13	20.86	PASS
		25	0	20.86	PASS
16QAM	LCH	1	0	21.96	PASS
		1	12	21.91	PASS
		1	24	21.81	PASS
		12	0	20.76	PASS
		12	6	20.81	PASS
		12	13	20.62	PASS
		25	0	20.64	PASS
	MCH	1	0	21.93	PASS
		1	12	21.81	PASS
		1	24	21.64	PASS

		12	0	20.56	PASS
		12	6	20.56	PASS
		12	13	20.52	PASS
		25	0	20.51	PASS
	HCH	1	0	21.18	PASS
		1	12	21.14	PASS
		1	24	21.03	PASS
		12	0	20.46	PASS
		12	6	20.49	PASS
		12	13	20.59	PASS
		25	0	20.67	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.62	PASS
		1	24	22.64	PASS
		1	49	22.65	PASS
		25	0	21.73	PASS
		25	12	21.75	PASS
		25	25	21.72	PASS
		50	0	21.67	PASS
	MCH	1	0	22.25	PASS
		1	24	22.25	PASS
		1	49	22.22	PASS
		25	0	21.35	PASS
		25	12	21.32	PASS
		25	25	21.33	PASS
		50	0	21.32	PASS
	HCH	1	0	21.71	PASS
		1	24	21.53	PASS
		1	49	21.58	PASS
		25	0	20.77	PASS
		25	12	20.7	PASS
		25	25	20.67	PASS
		50	0	20.8	PASS
16QAM	LCH	1	0	21.95	PASS
		1	24	21.95	PASS
		1	49	21.98	PASS
		25	0	20.75	PASS
		25	12	20.77	PASS
		25	25	20.82	PASS

	MCH	50	0	20.8	PASS
		1	0	21.9	PASS
		1	24	21.81	PASS
		1	49	21.81	PASS
		25	0	20.54	PASS
		25	12	20.54	PASS
		25	25	20.49	PASS
		50	0	20.55	PASS
	HCH	1	0	21.13	PASS
		1	24	21.06	PASS
		1	49	21.04	PASS
		25	0	20.98	PASS
		25	12	20.86	PASS
		25	25	20.88	PASS
		50	0	20.46	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.63	PASS
		1	37	22.6	PASS
		1	74	22.56	PASS
		37	0	21.69	PASS
		37	18	21.69	PASS
		37	38	21.64	PASS
		75	0	21.7	PASS
	MCH	1	0	22.3	PASS
		1	37	22.18	PASS
		1	74	22.07	PASS
		37	0	21.29	PASS
		37	18	21.27	PASS
		37	38	21.26	PASS
		75	0	21.26	PASS
	HCH	1	0	21.84	PASS
		1	37	21.63	PASS
		1	74	21.63	PASS
		37	0	20.84	PASS
		37	18	20.83	PASS
		37	38	20.65	PASS
		75	0	20.78	PASS
16QAM	LCH	1	0	21.94	PASS
		1	37	21.89	PASS

		1	74	21.96	PASS
		37	0	20.73	PASS
		37	18	20.74	PASS
		37	38	20.75	PASS
		75	0	20.75	PASS
	MCH	1	0	21.76	PASS
		1	37	21.69	PASS
		1	74	21.53	PASS
		37	0	20.5	PASS
		37	18	20.49	PASS
		37	38	20.38	PASS
		75	0	20.42	PASS
	HCH	1	0	21.22	PASS
		1	37	21.07	PASS
		1	74	21.1	PASS
		37	0	20.96	PASS
		37	18	20.97	PASS
		37	38	20.8	PASS
		75	0	20.96	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.77	PASS
		1	49	22.69	PASS
		1	99	22.72	PASS
		50	0	21.76	PASS
		50	25	21.69	PASS
		50	50	21.69	PASS
		100	0	21.7	PASS
	MCH	1	0	22.27	PASS
		1	49	22.29	PASS
		1	99	22.23	PASS
		50	0	21.25	PASS
		50	25	21.29	PASS
		50	50	21.27	PASS
		100	0	21.25	PASS
	HCH	1	0	22.32	PASS
		1	49	22.16	PASS
		1	99	21.58	PASS
		50	0	21.64	PASS
		50	25	21.65	PASS

		50	50	21.62	PASS
		100	0	21.63	PASS
16QAM	LCH	1	0	21.53	PASS
		1	49	21.67	PASS
		1	99	21.65	PASS
		50	0	20.8	PASS
		50	25	20.81	PASS
		50	50	20.82	PASS
		100	0	20.77	PASS
		MCH	1	0	21.67
	1		49	21.64	PASS
	1		99	21.65	PASS
	50		0	20.55	PASS
	50		25	20.59	PASS
	50		50	20.55	PASS
	100		0	20.45	PASS
	HCH	1	0	20.96	PASS
		1	49	20.96	PASS
		1	99	20.97	PASS
		50	0	20.84	PASS
		50	25	20.81	PASS
		50	50	20.83	PASS
		100	0	20.89	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	3.11	<13	PASS
		1	12	3.4	<13	PASS
		1	24	3.21	<13	PASS
		12	0	3.64	<13	PASS
		12	6	3.56	<13	PASS
		12	13	3.73	<13	PASS
		25	0	4.36	<13	PASS
	MCH	1	0	3.85	<13	PASS
		1	12	3.8	<13	PASS
		1	24	3.8	<13	PASS
		12	0	4.48	<13	PASS
		12	6	4.26	<13	PASS
		12	13	4.48	<13	PASS
		25	0	5.34	<13	PASS
	HCH	1	0	3.98	<13	PASS
		1	12	3.97	<13	PASS
		1	24	4.03	<13	PASS
		12	0	4.43	<13	PASS
		12	6	4.29	<13	PASS
		12	13	4.48	<13	PASS
		25	0	5.29	<13	PASS
16QAM	LCH	1	0	4.54	<13	PASS
		1	12	4.61	<13	PASS
		1	24	4.65	<13	PASS
		12	0	5.14	<13	PASS
		12	6	5.12	<13	PASS
		12	13	5.24	<13	PASS
		25	0	5.42	<13	PASS
	MCH	1	0	5.49	<13	PASS
		1	12	5.37	<13	PASS
		1	24	5.4	<13	PASS
		12	0	6.14	<13	PASS

		12	6	6.1	<13	PASS
		12	13	6.15	<13	PASS
		25	0	6.42	<13	PASS
	HCH	1	0	5.57	<13	PASS
		1	12	5.62	<13	PASS
		1	24	5.7	<13	PASS
		12	0	6.11	<13	PASS
		12	6	6.02	<13	PASS
		12	13	6.19	<13	PASS
		25	0	6.37	<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	3.19	<13	PASS
		1	24	3.21	<13	PASS
		1	49	3.37	<13	PASS
		25	0	3.73	<13	PASS
		25	12	3.67	<13	PASS
		25	25	3.81	<13	PASS
		50	0	4.42	<13	PASS
	MCH	1	0	3.74	<13	PASS
		1	24	3.76	<13	PASS
		1	49	3.7	<13	PASS
		25	0	4.44	<13	PASS
		25	12	4.31	<13	PASS
		25	25	4.41	<13	PASS
		50	0	5.31	<13	PASS
	HCH	1	0	3.67	<13	PASS
		1	24	3.88	<13	PASS
		1	49	3.85	<13	PASS
		25	0	4.27	<13	PASS
		25	12	4.24	<13	PASS
		25	25	4.44	<13	PASS
		50	0	5.17	<13	PASS
16QAM	LCH	1	0	4.5	<13	PASS
		1	24	4.51	<13	PASS
		1	49	4.91	<13	PASS
		25	0	5.18	<13	PASS
		25	12	5.22	<13	PASS

		25	25	5.33	<13	PASS
		50	0	5.46	<13	PASS
	MCH	1	0	5.51	<13	PASS
		1	24	5.53	<13	PASS
		1	49	5.47	<13	PASS
		25	0	6.19	<13	PASS
		25	12	6.12	<13	PASS
		25	25	6.14	<13	PASS
		50	0	6.43	<13	PASS
		HCH	1	0	5.22	<13
	1		24	5.47	<13	PASS
	1		49	5.68	<13	PASS
	25		0	5.92	<13	PASS
	25		12	6.01	<13	PASS
	25		25	6.15	<13	PASS
	50		0	6.28	<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	3.15	<13	PASS
		1	37	3.22	<13	PASS
		1	74	3.46	<13	PASS
		37	0	3.78	<13	PASS
		37	18	3.72	<13	PASS
		37	38	3.88	<13	PASS
		75	0	4.64	<13	PASS
	MCH	1	0	3.68	<13	PASS
		1	37	3.8	<13	PASS
		1	74	3.61	<13	PASS
		37	0	4.46	<13	PASS
		37	18	4.29	<13	PASS
		37	38	4.35	<13	PASS
		75	0	5.29	<13	PASS
	HCH	1	0	3.54	<13	PASS
		1	37	3.74	<13	PASS
		1	74	3.9	<13	PASS
		37	0	4.16	<13	PASS
		37	18	4.13	<13	PASS
		37	38	4.43	<13	PASS

		75	0	5.16	<13	PASS
16QAM	LCH	1	0	4.64	<13	PASS
		1	37	4.59	<13	PASS
		1	74	5.01	<13	PASS
		37	0	5.24	<13	PASS
		37	18	5.26	<13	PASS
		37	38	5.42	<13	PASS
		75	0	5.66	<13	PASS
	MCH	1	0	5.47	<13	PASS
		1	37	5.48	<13	PASS
		1	74	5.35	<13	PASS
		37	0	6.17	<13	PASS
		37	18	6.1	<13	PASS
		37	38	6.12	<13	PASS
		75	0	6.43	<13	PASS
	HCH	1	0	5.01	<13	PASS
		1	37	5.44	<13	PASS
		1	74	5.65	<13	PASS
		37	0	5.72	<13	PASS
		37	18	5.83	<13	PASS
		37	38	6.11	<13	PASS
		75	0	6.28	<13	PASS

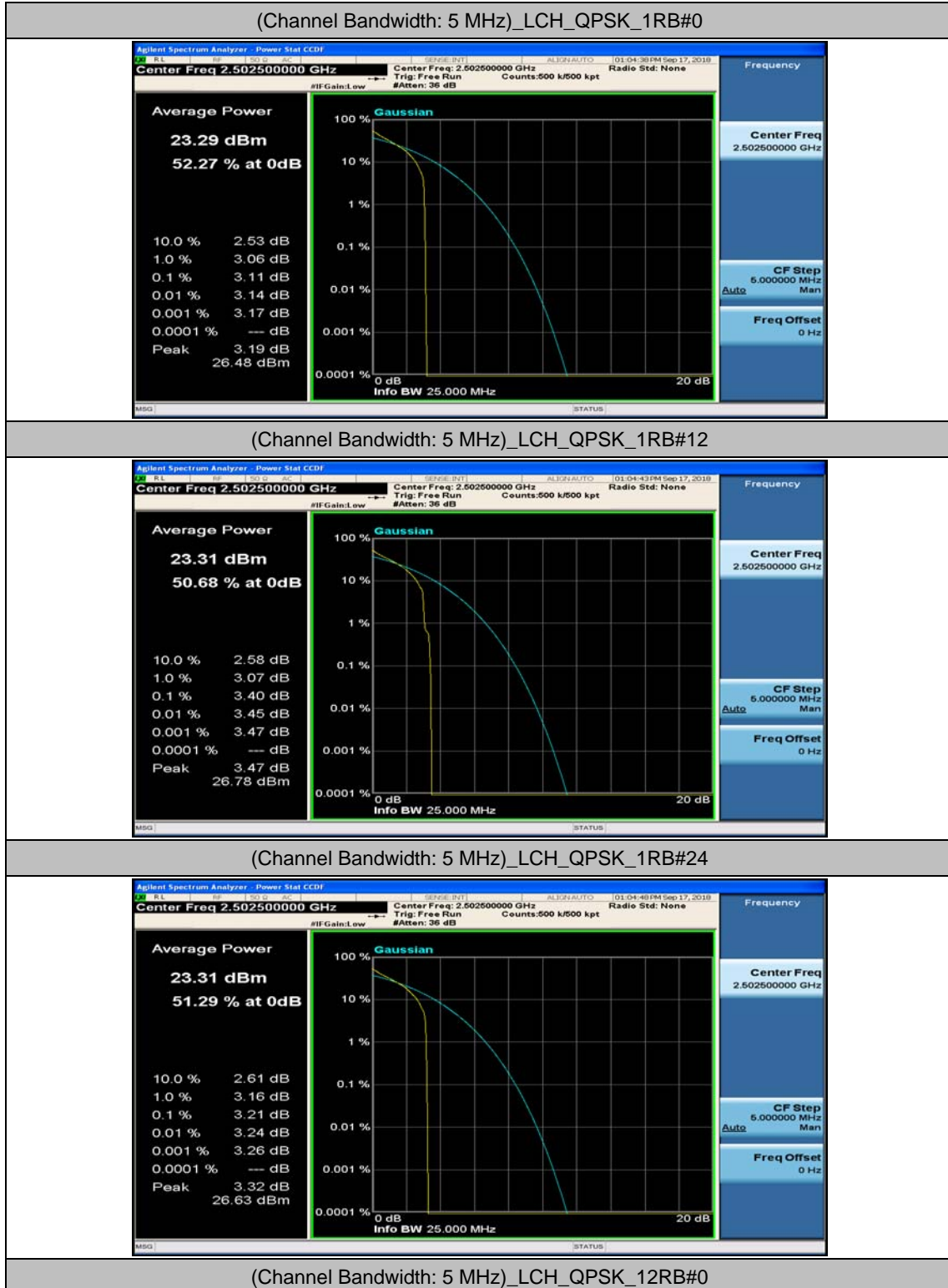
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.14	<13	PASS
		1	49	3.29	<13	PASS
		1	99	3.57	<13	PASS
		50	0	3.82	<13	PASS
		50	25	3.77	<13	PASS
		50	50	3.96	<13	PASS
		100	0	4.61	<13	PASS
	MCH	1	0	3.69	<13	PASS
		1	49	3.82	<13	PASS
		1	99	3.6	<13	PASS
		50	0	4.37	<13	PASS
		50	25	4.34	<13	PASS
		50	50	4.32	<13	PASS
		100	0	5.01	<13	PASS

	HCH	1	0	3.35	<13	PASS
		1	49	3.63	<13	PASS
		1	99	3.97	<13	PASS
		50	0	4.09	<13	PASS
		50	25	4.1	<13	PASS
		50	50	4.46	<13	PASS
		100	0	4.96	<13	PASS
16QAM	LCH	1	0	4.41	<13	PASS
		1	49	4.72	<13	PASS
		1	99	5.1	<13	PASS
		50	0	5.31	<13	PASS
		50	25	5.39	<13	PASS
		50	50	5.54	<13	PASS
		100	0	5.72	<13	PASS
	MCH	1	0	5.26	<13	PASS
		1	49	5.39	<13	PASS
		1	99	5.1	<13	PASS
		50	0	6.1	<13	PASS
		50	25	6.12	<13	PASS
		50	50	6.07	<13	PASS
		100	0	6.24	<13	PASS
	HCH	1	0	4.82	<13	PASS
		1	49	5.2	<13	PASS
		1	99	5.56	<13	PASS
		50	0	5.64	<13	PASS
		50	25	5.75	<13	PASS
		50	50	6.21	<13	PASS
		100	0	6.09	<13	PASS

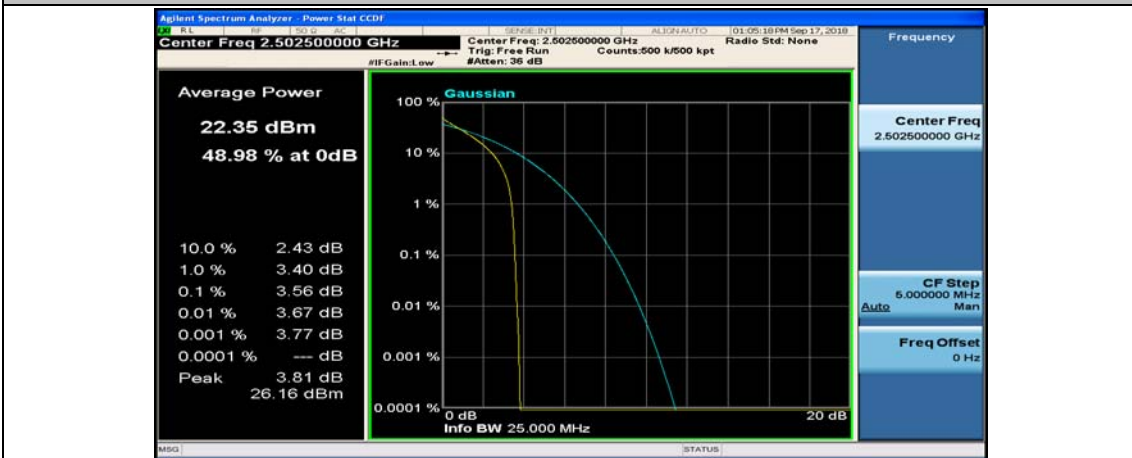
Test Graphs

Channel Bandwidth: 5 MHz





(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



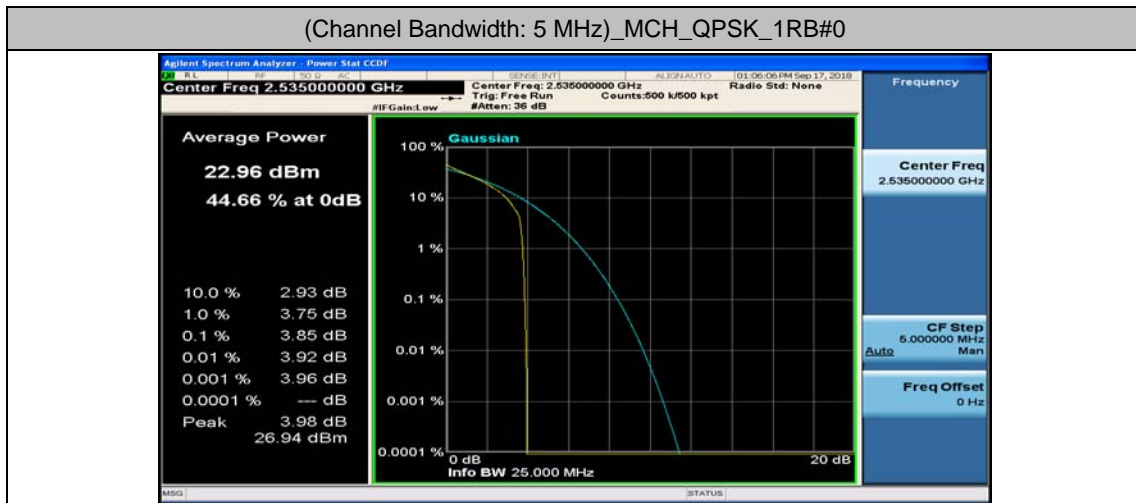
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



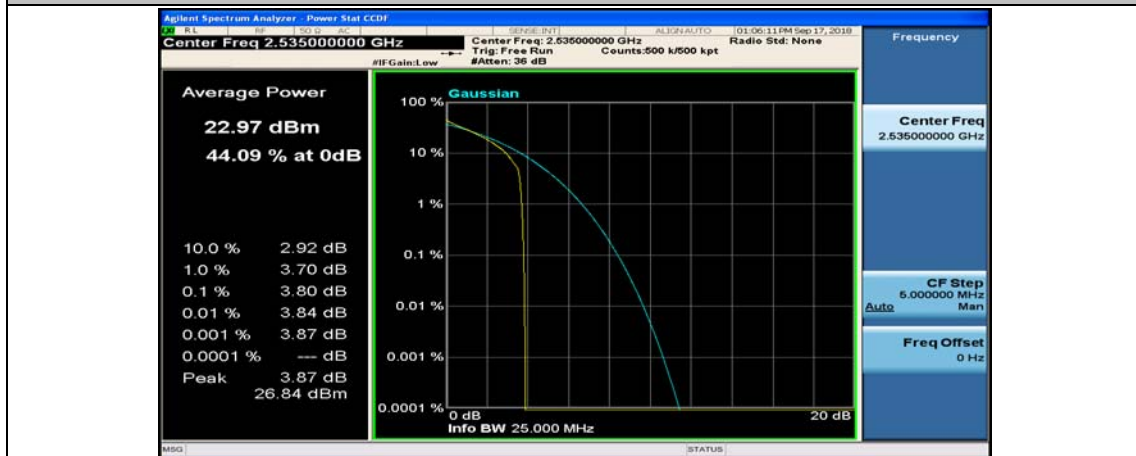
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(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



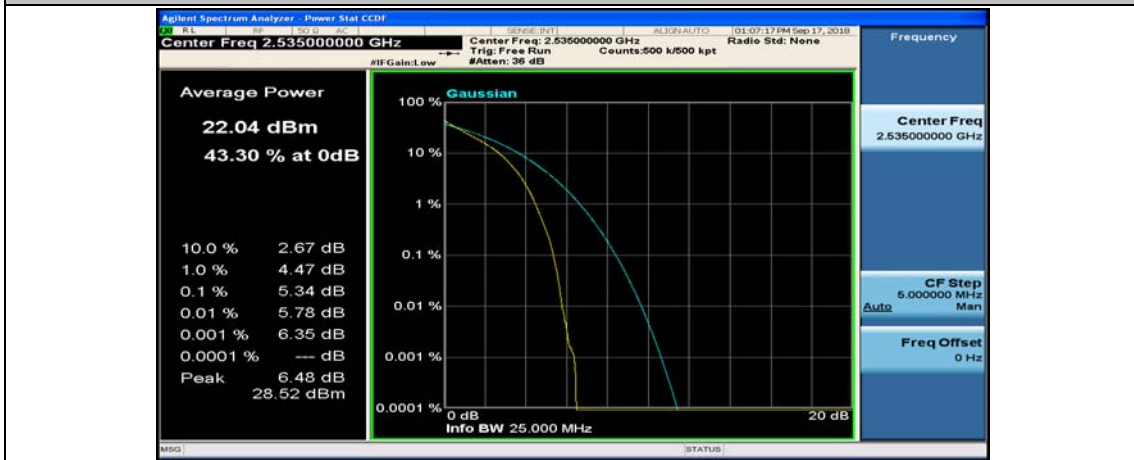
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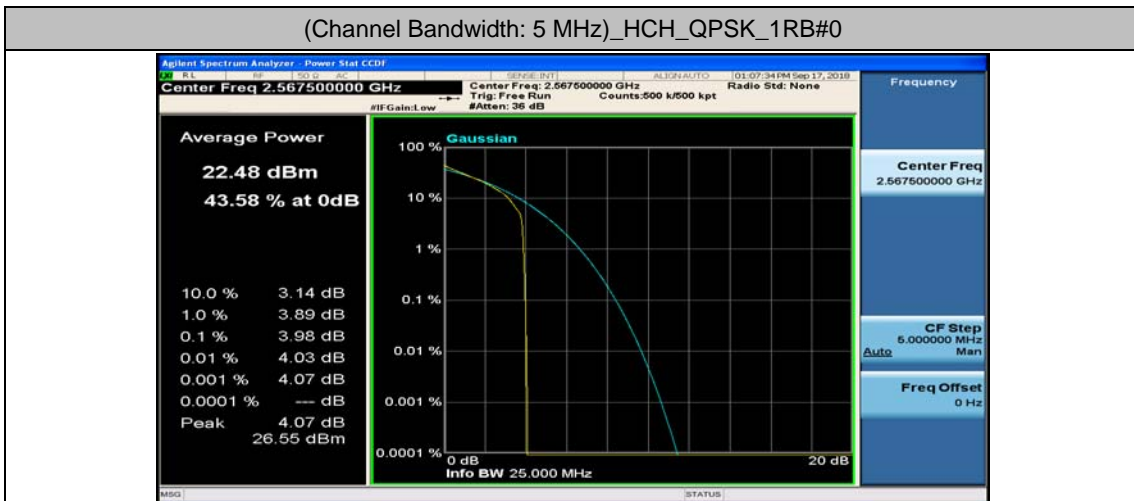
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(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



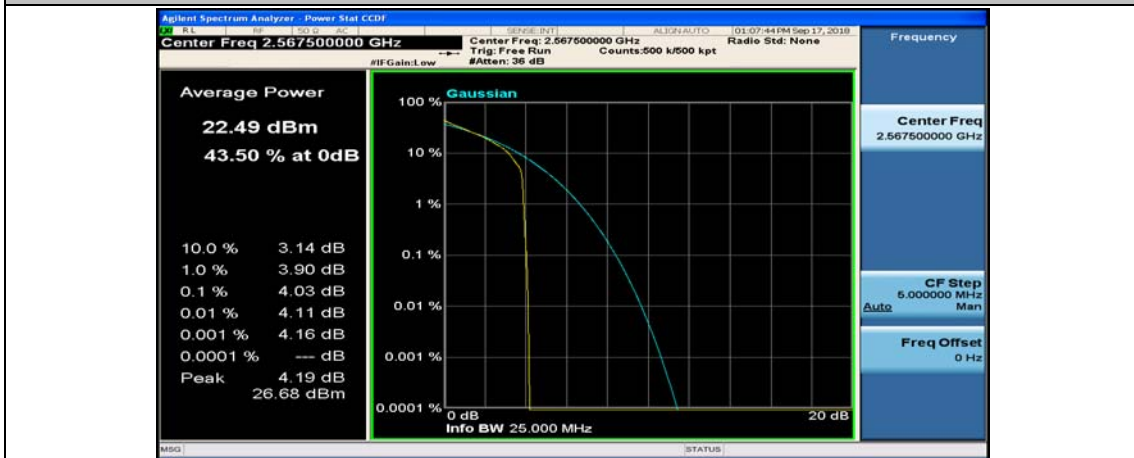
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



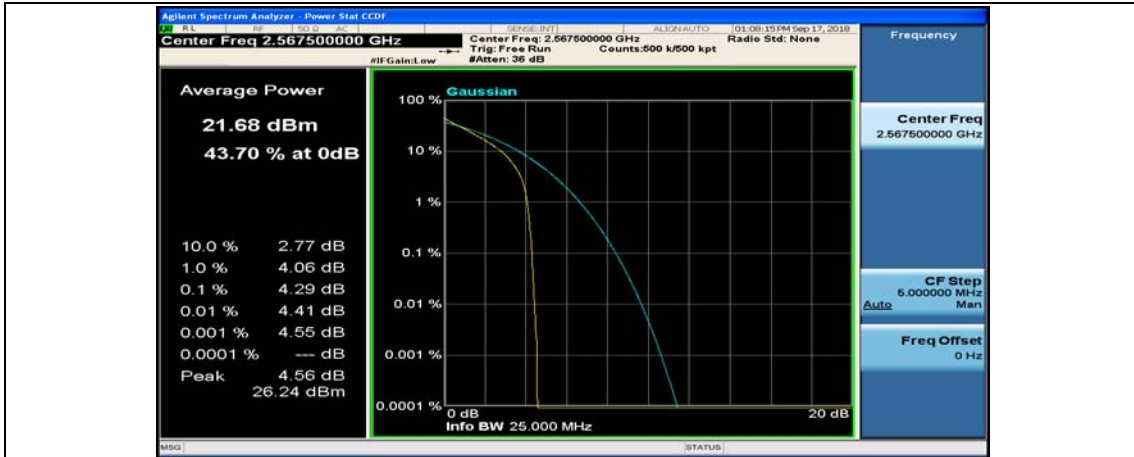
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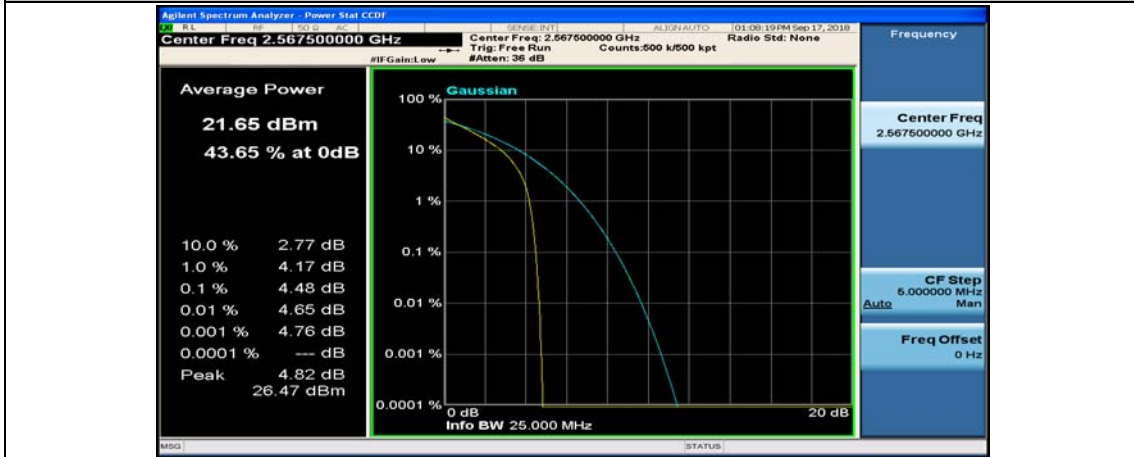
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



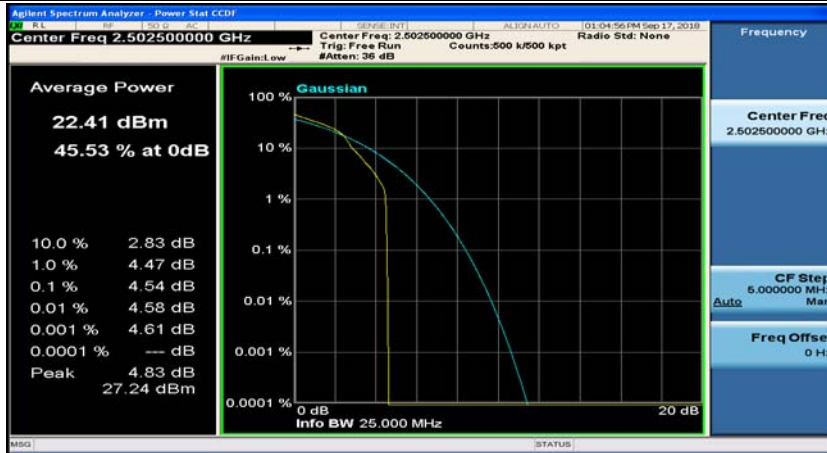
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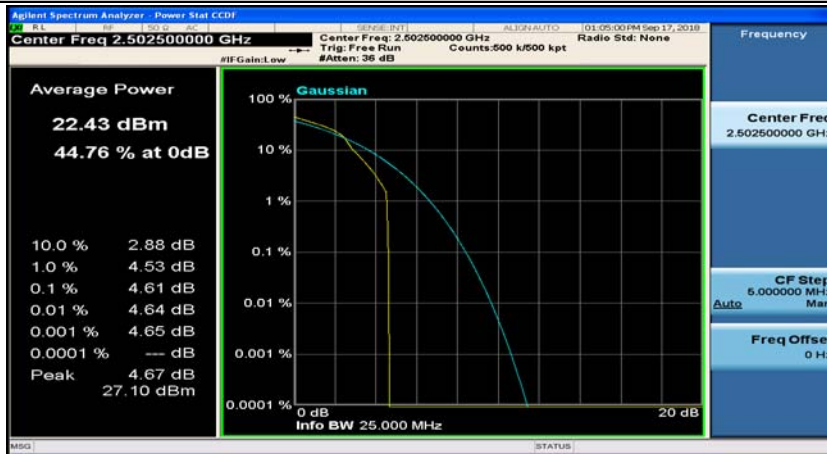
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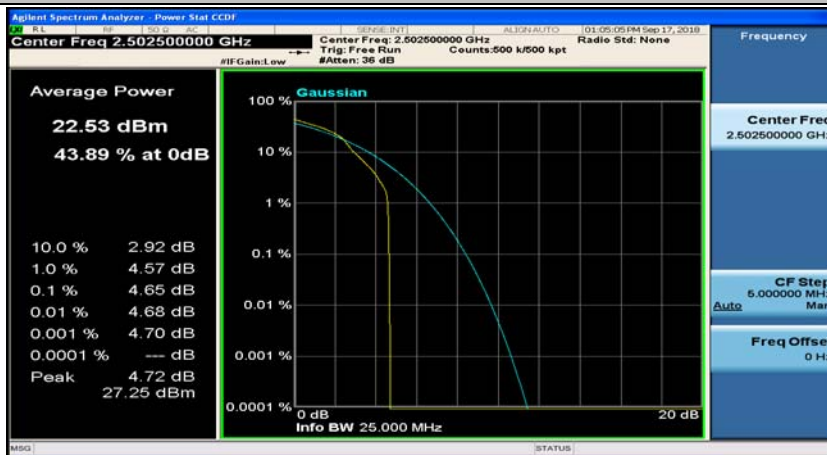
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(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



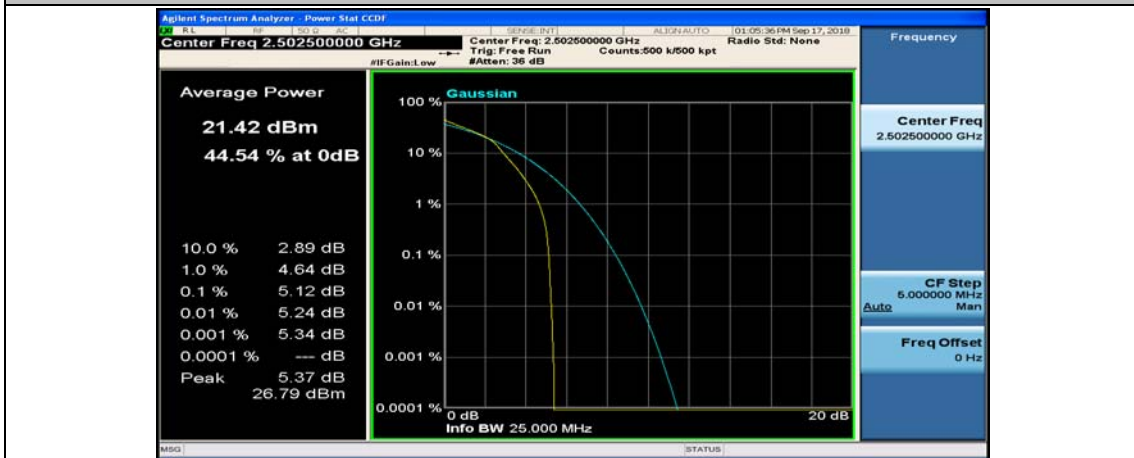
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(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



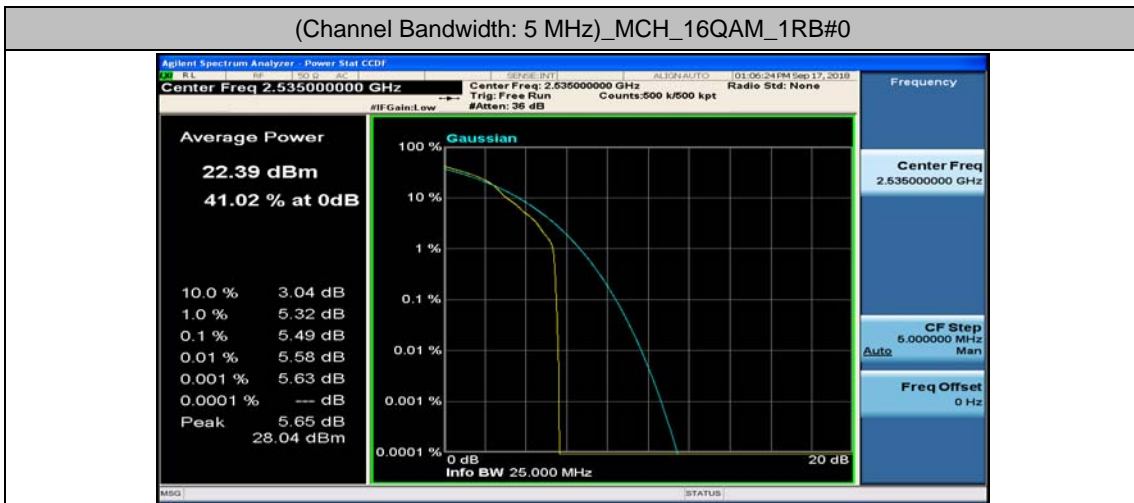
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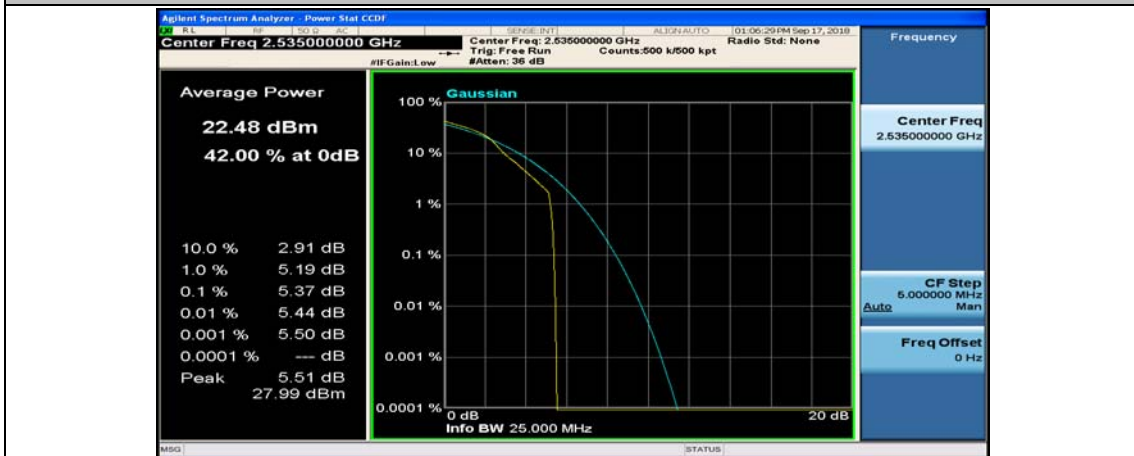
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(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



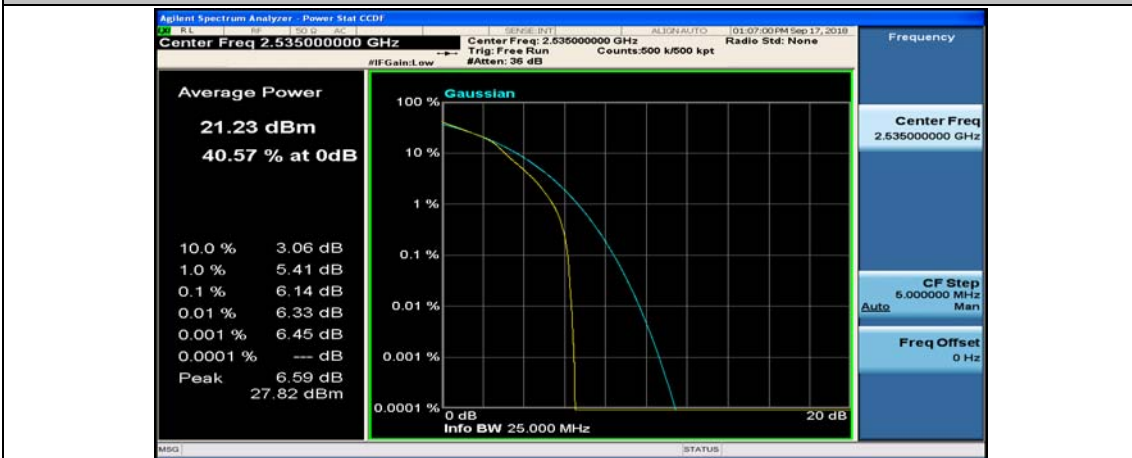
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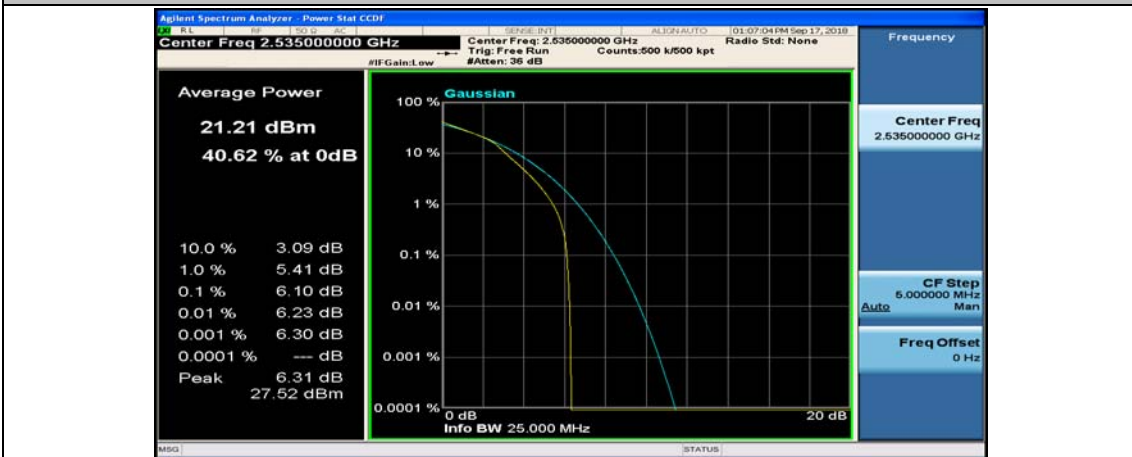
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(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



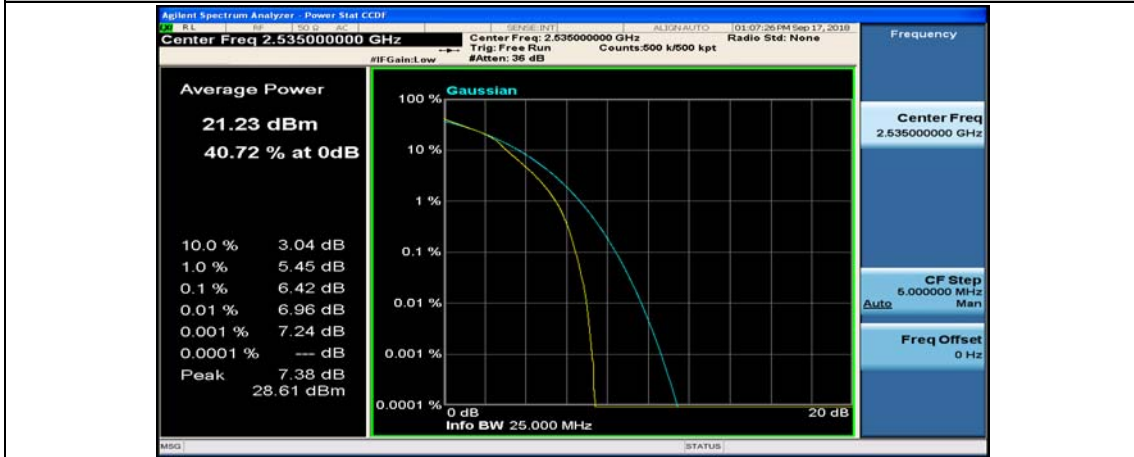
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(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



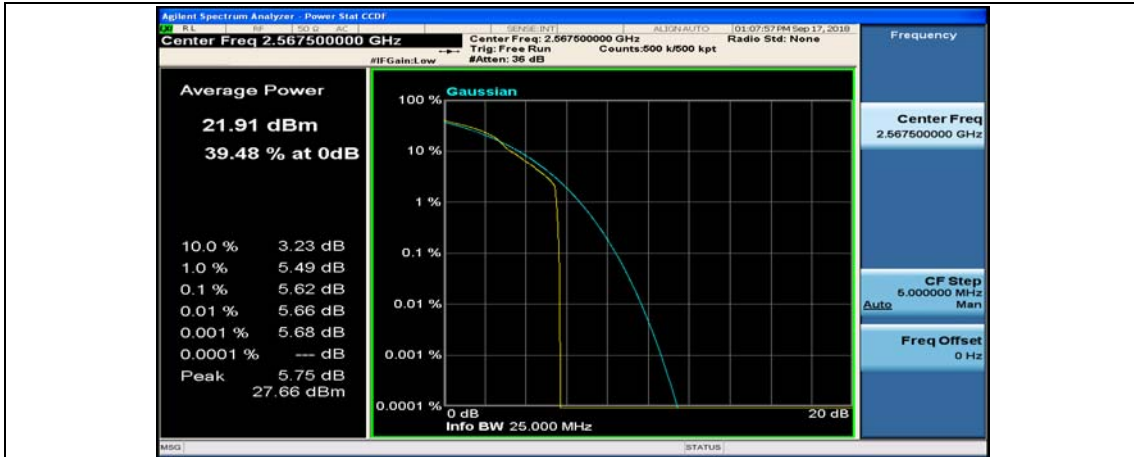
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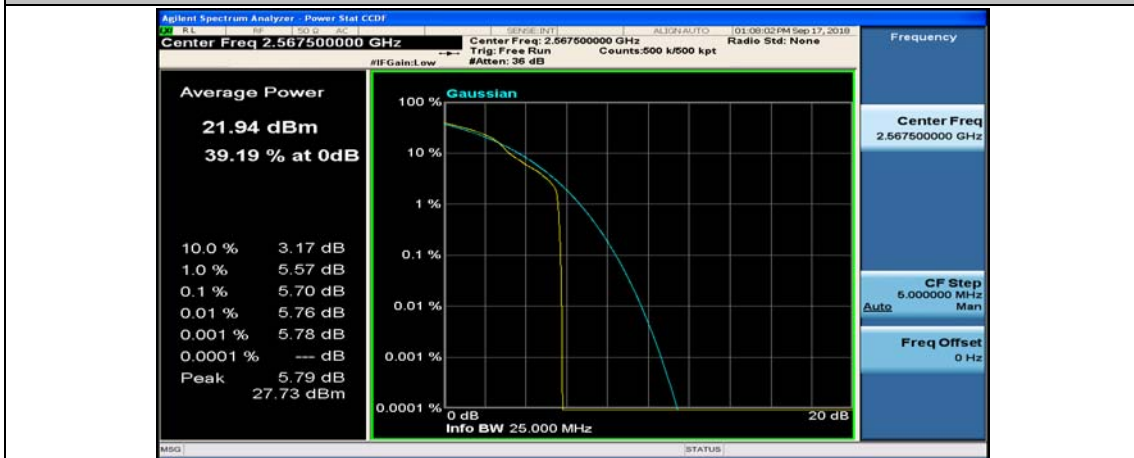
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(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



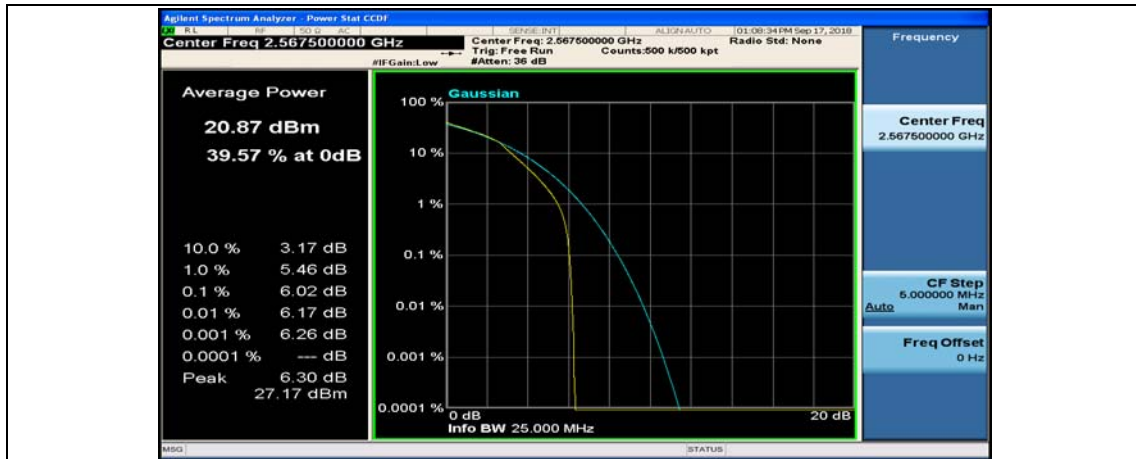
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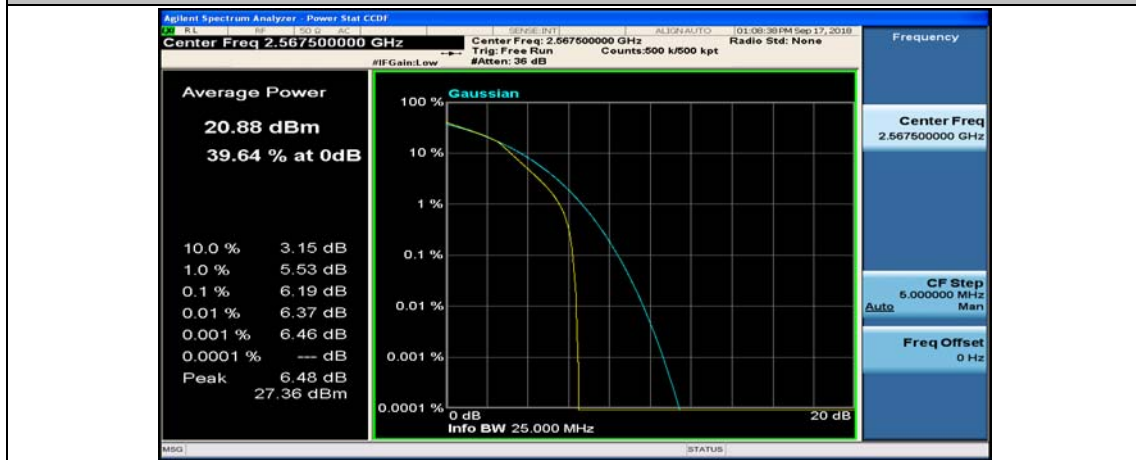
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(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



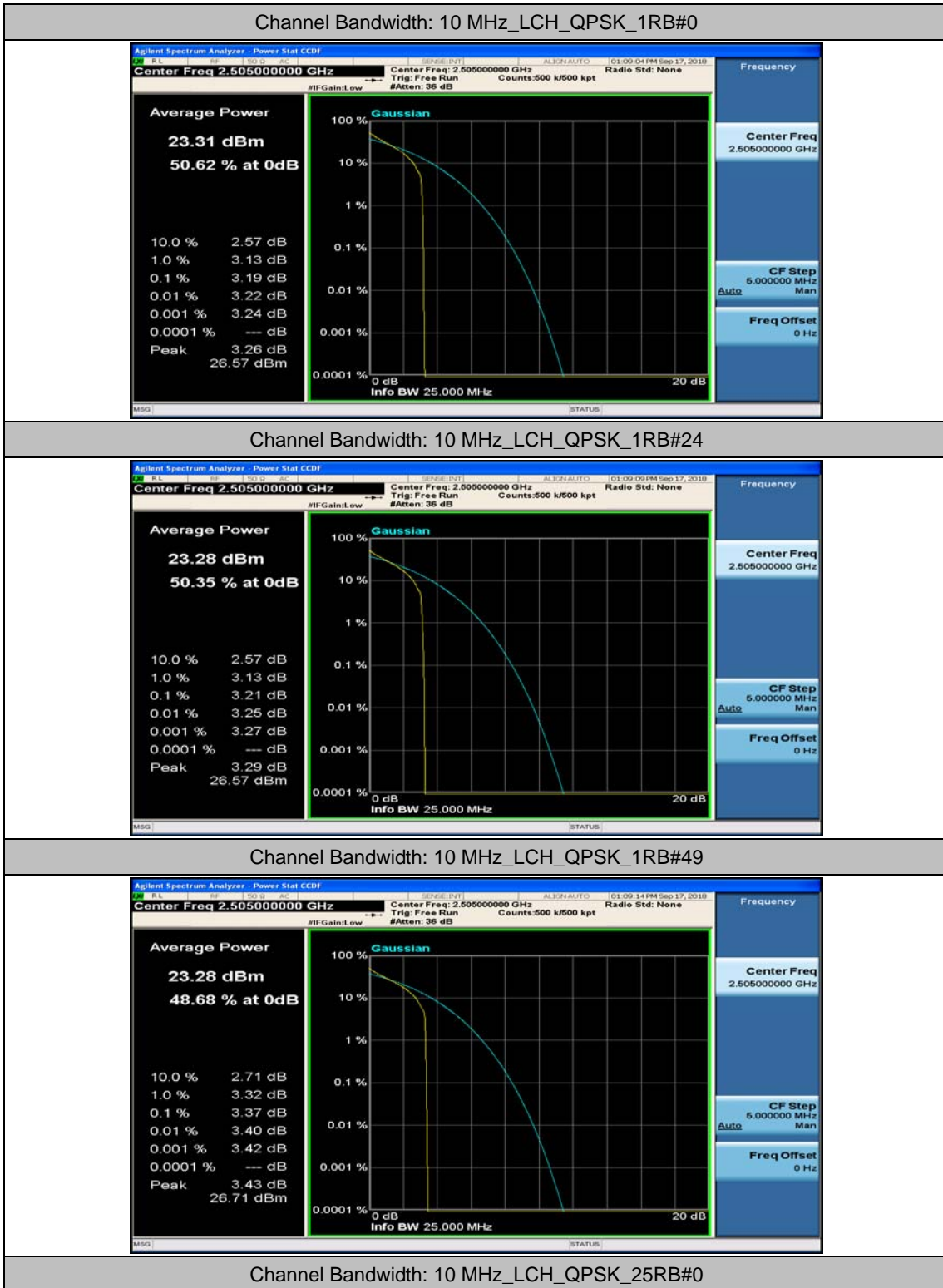
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

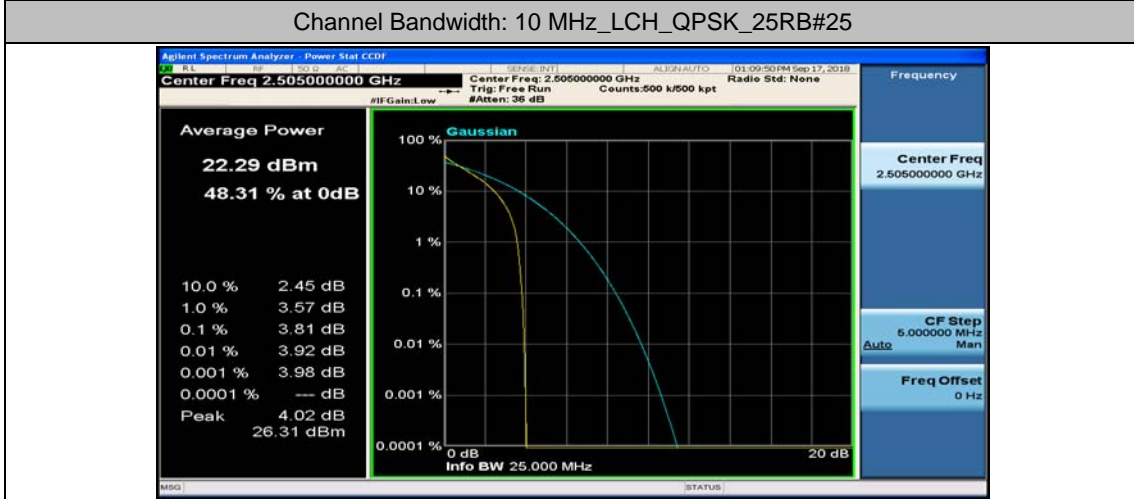
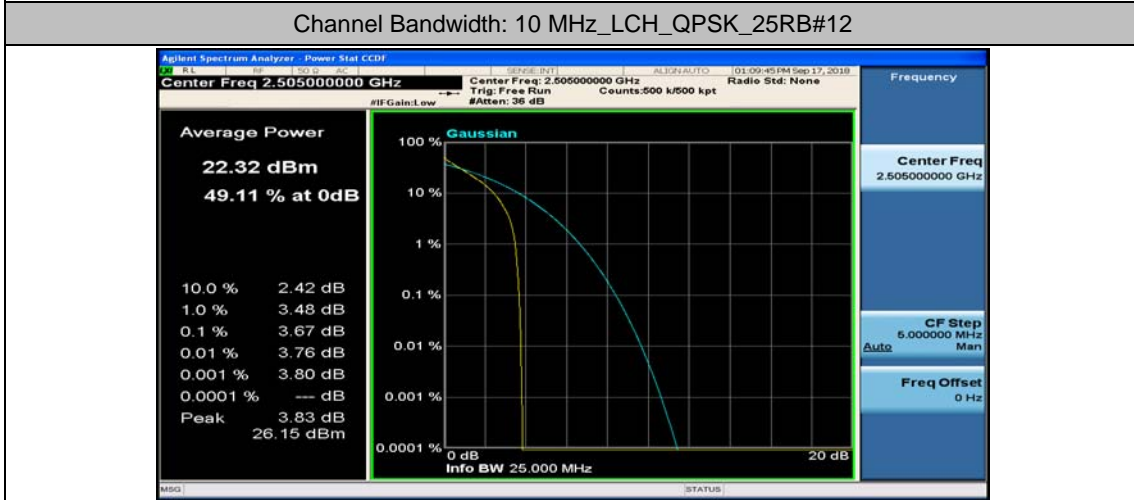


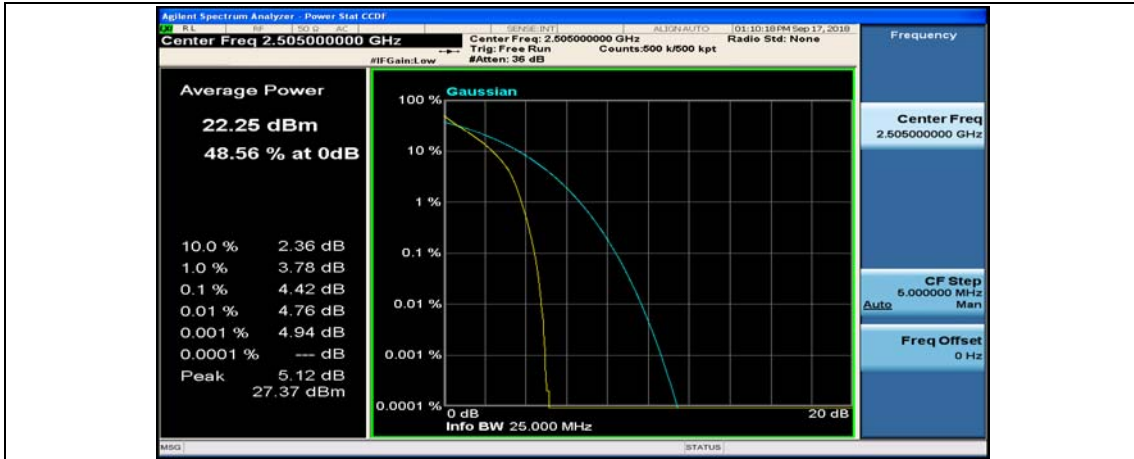
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



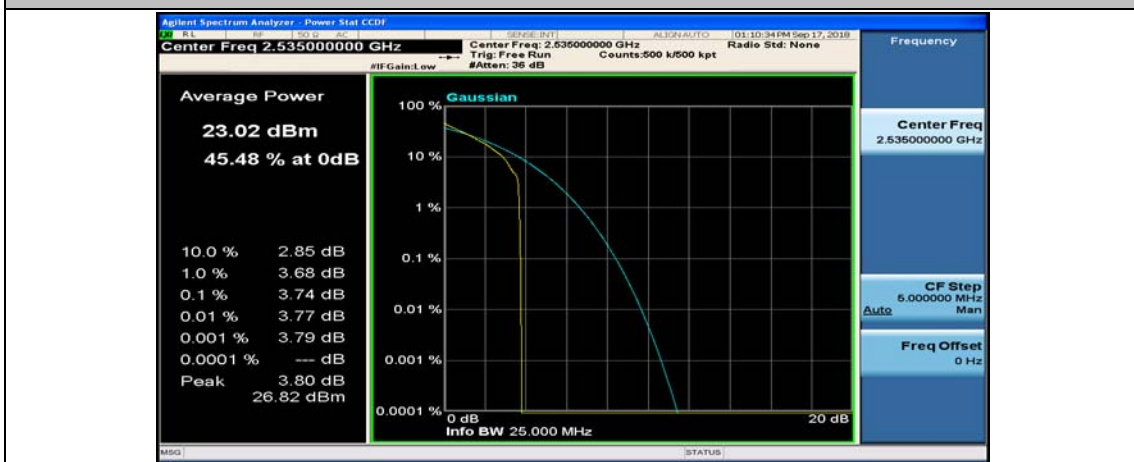
Channel Bandwidth: 10 MHz



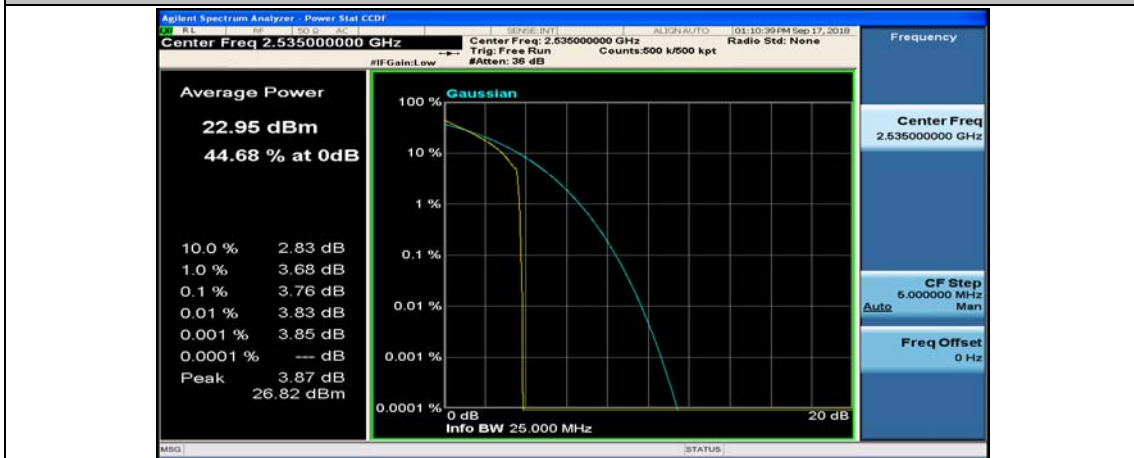




Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



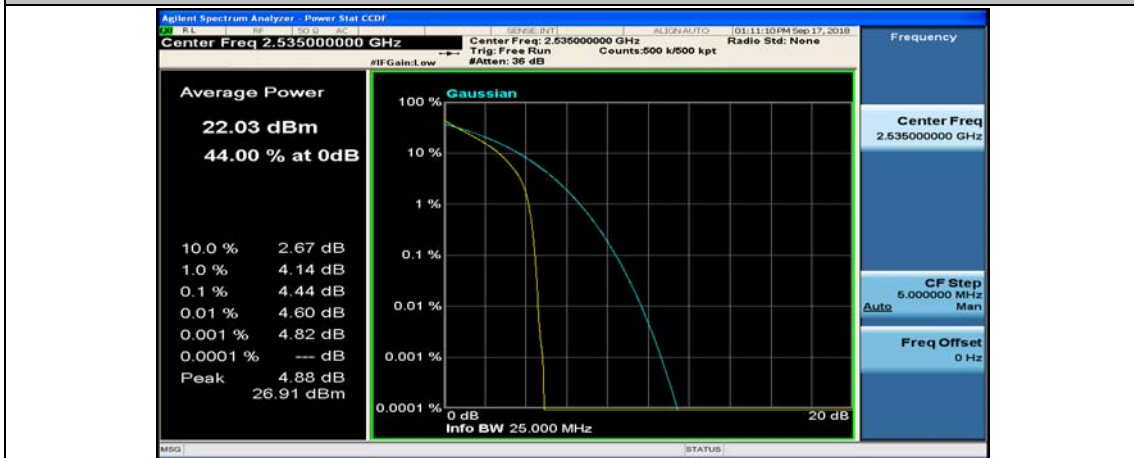
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



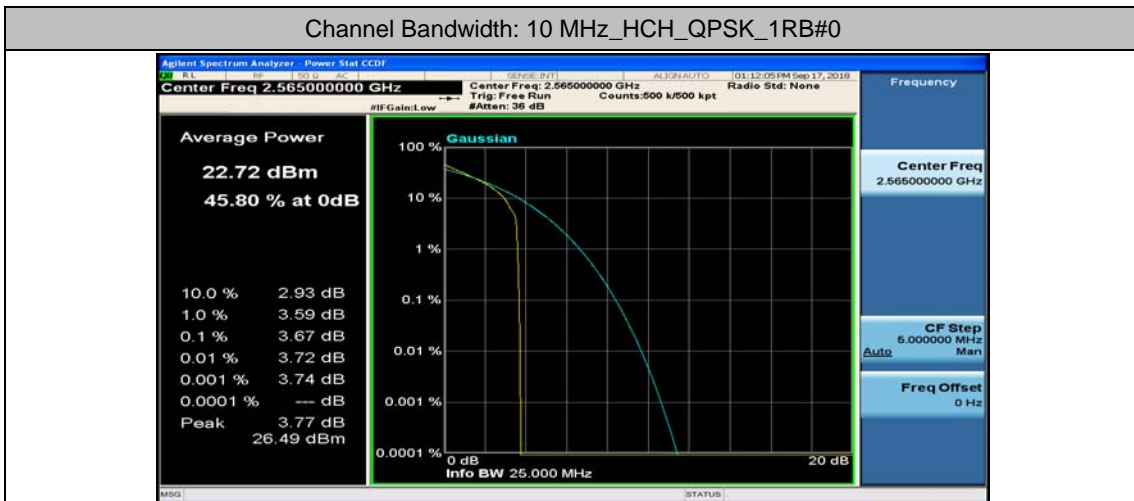
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



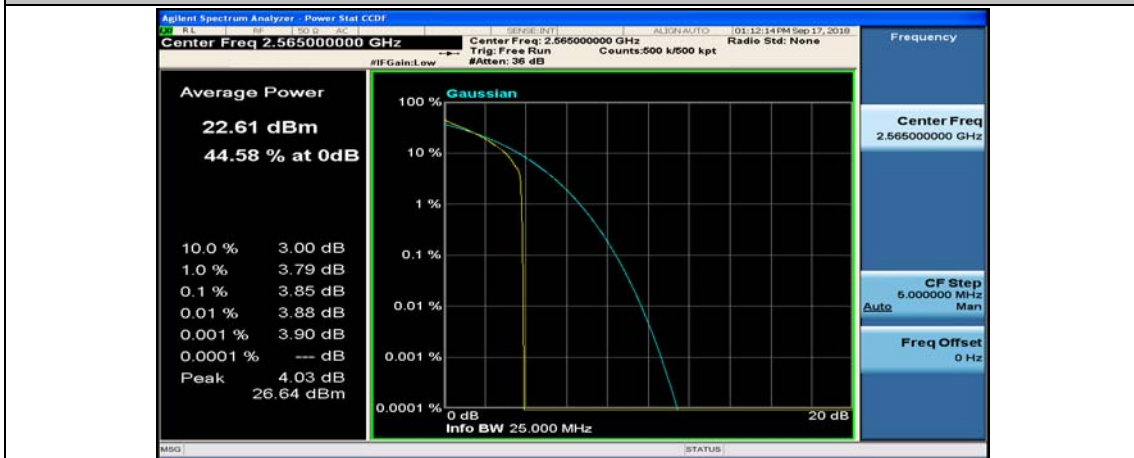
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



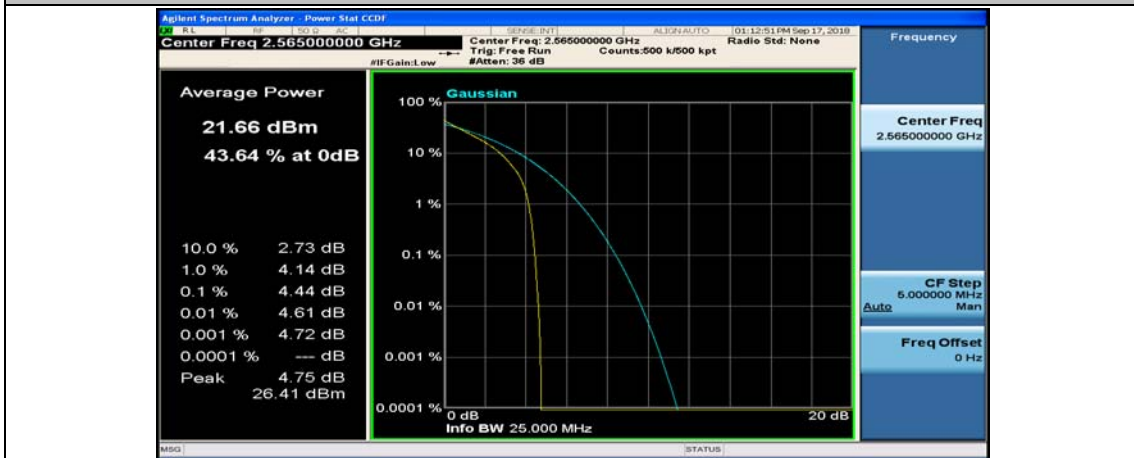
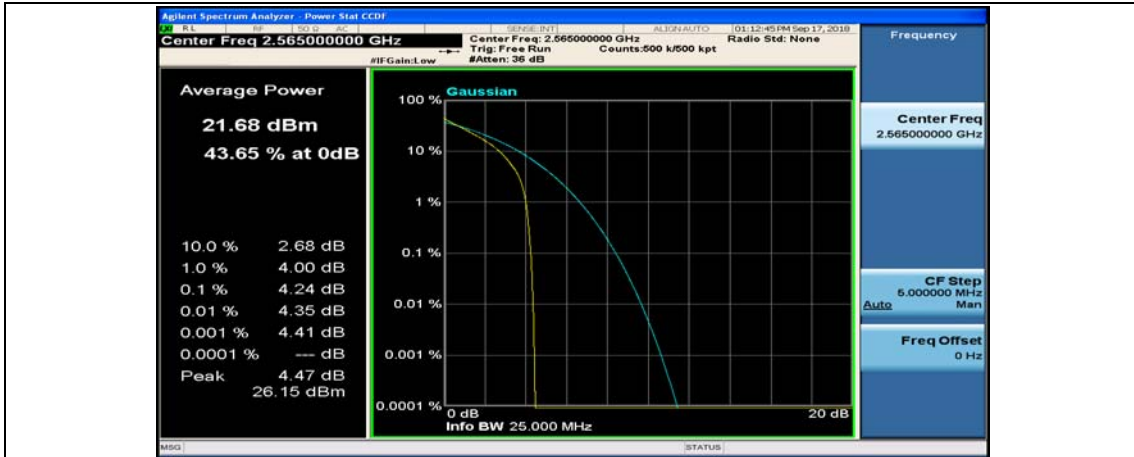
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



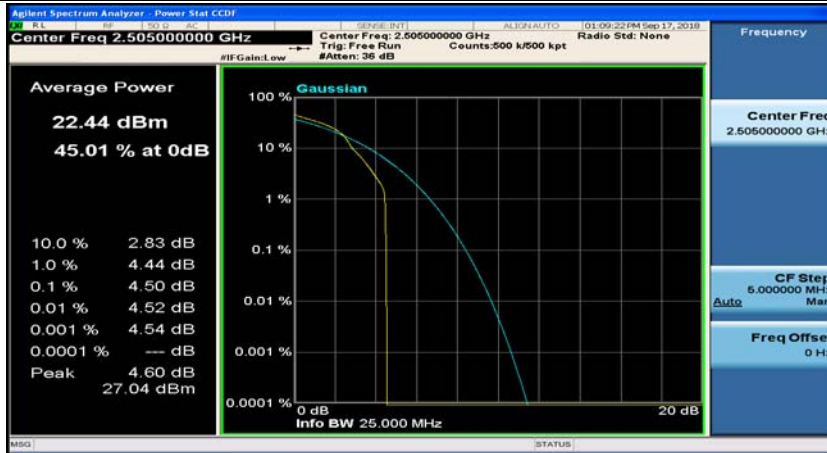
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



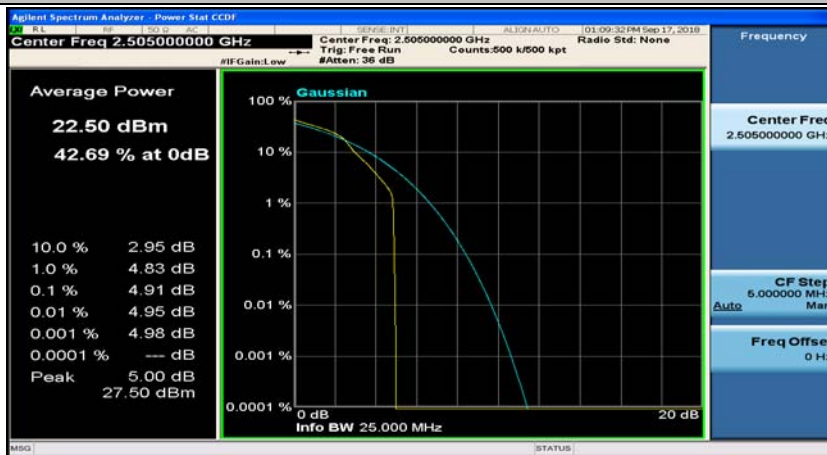
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



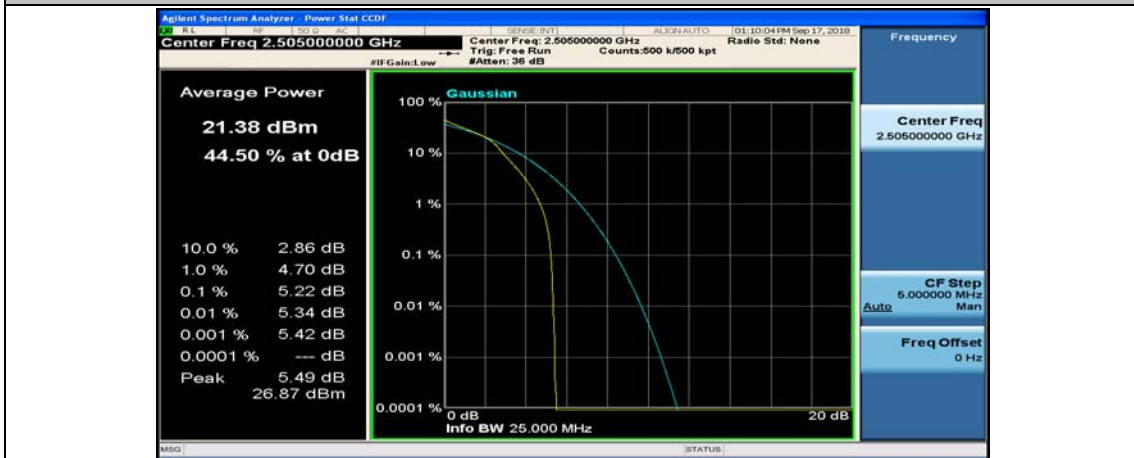
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

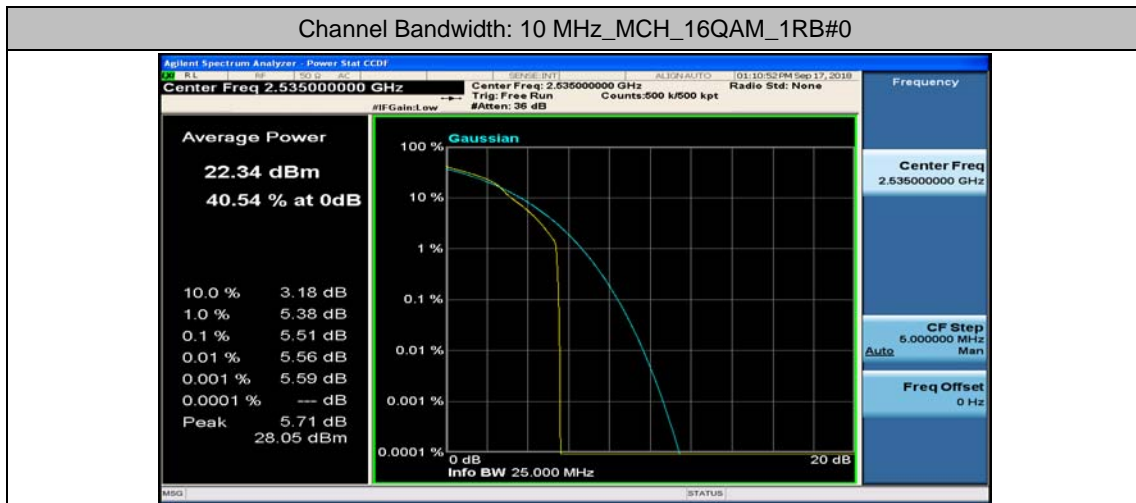


Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0

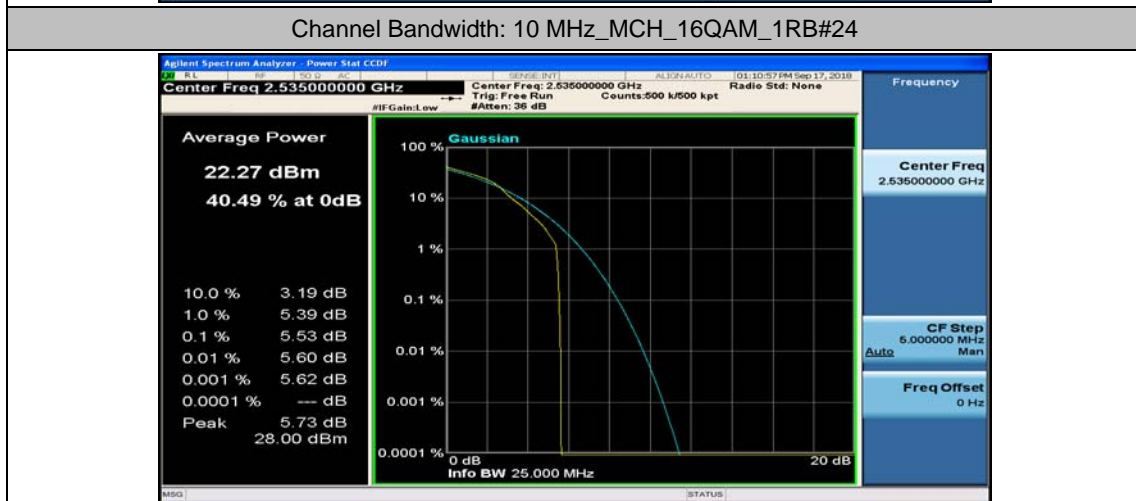




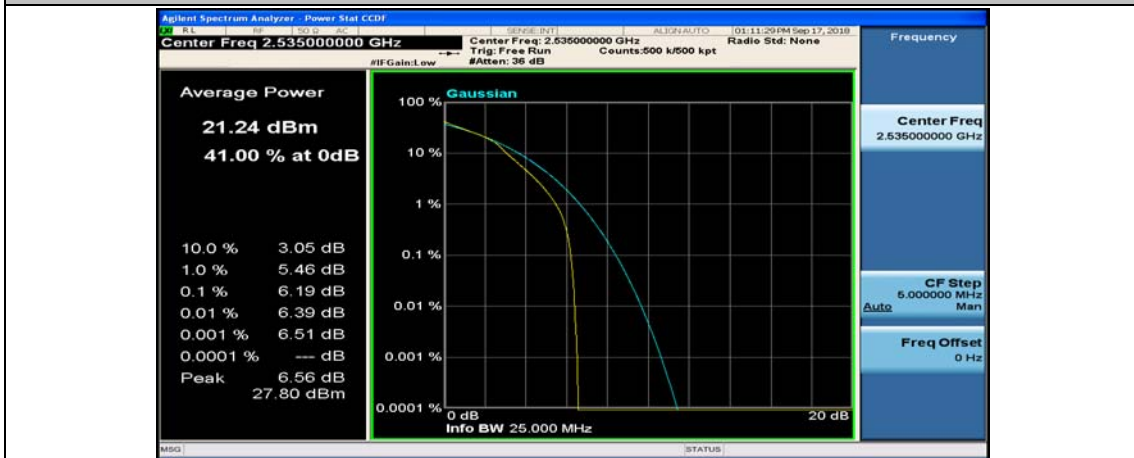
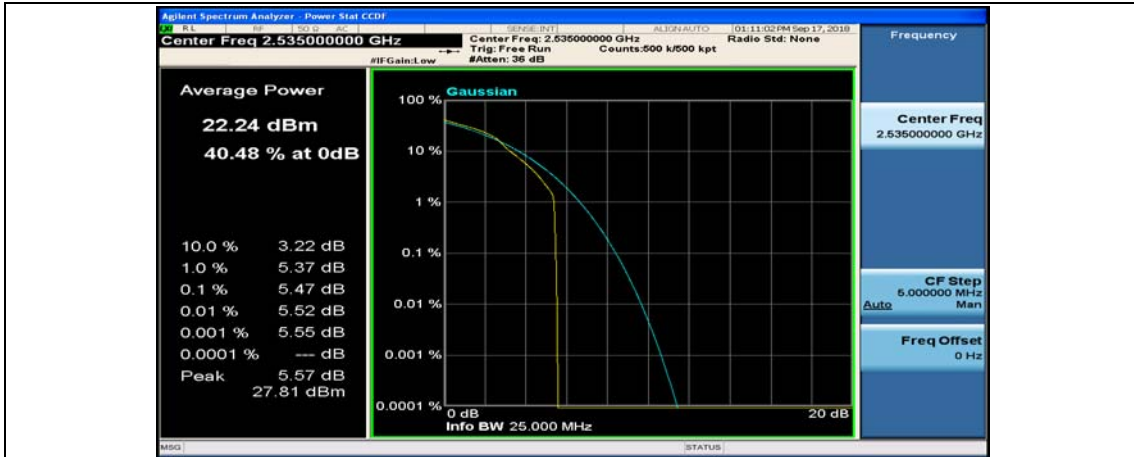
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

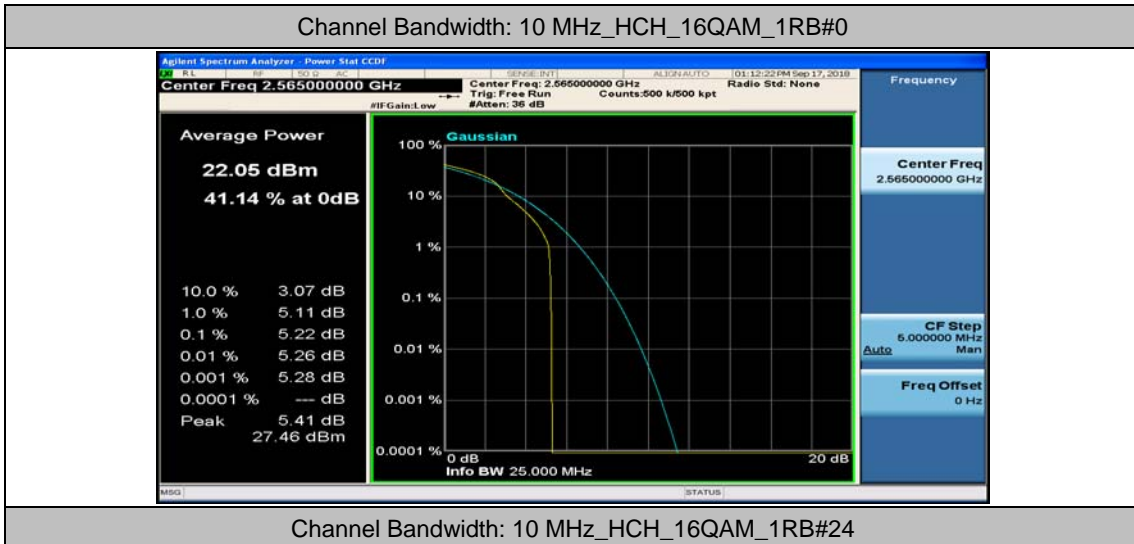


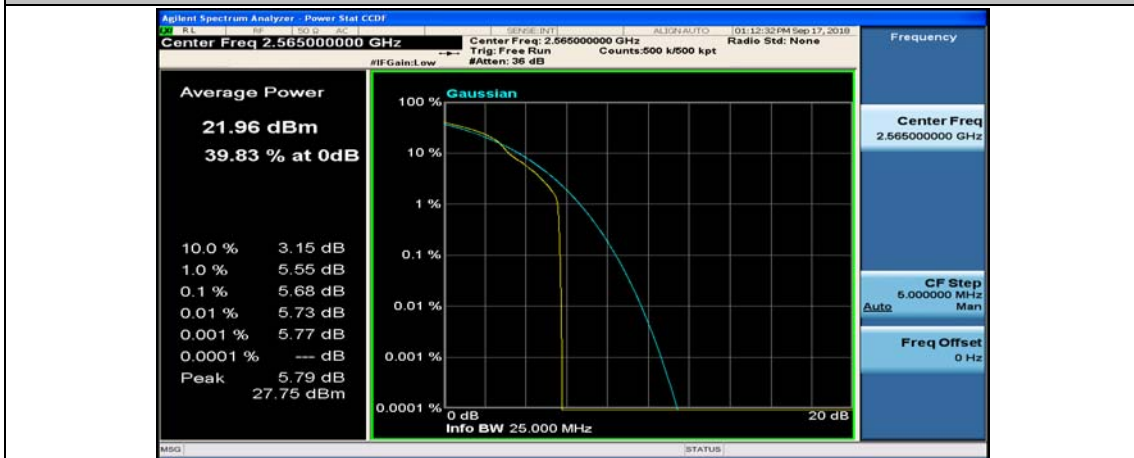
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

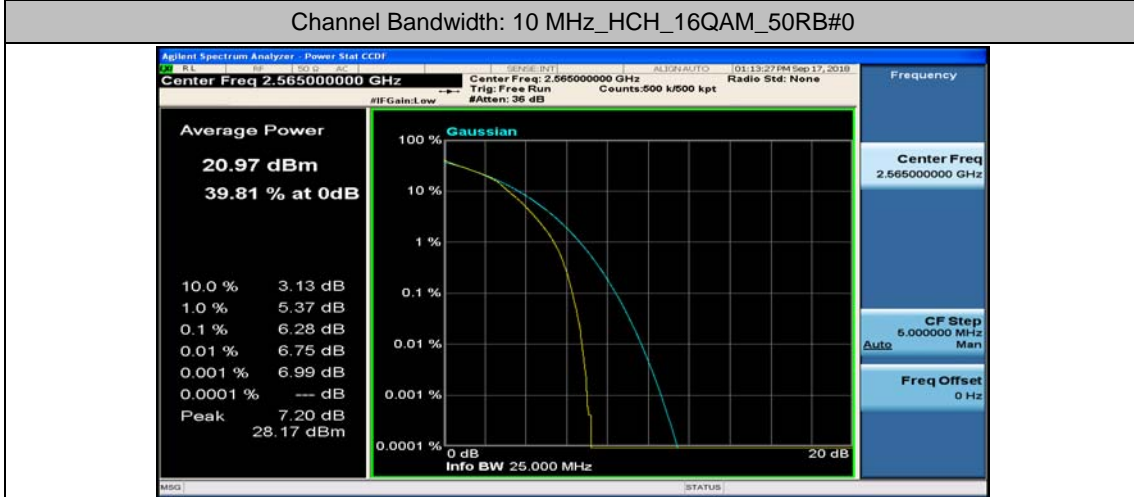
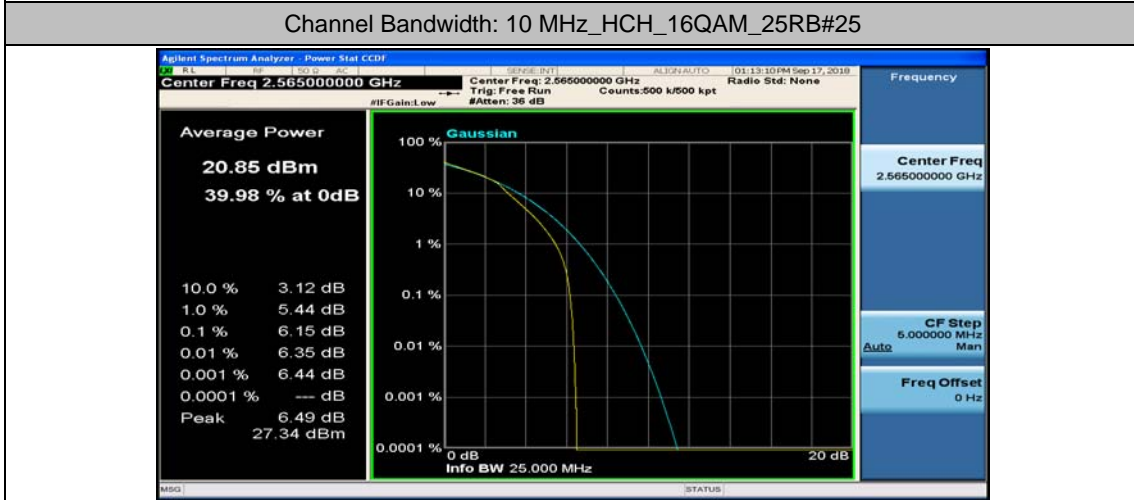


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

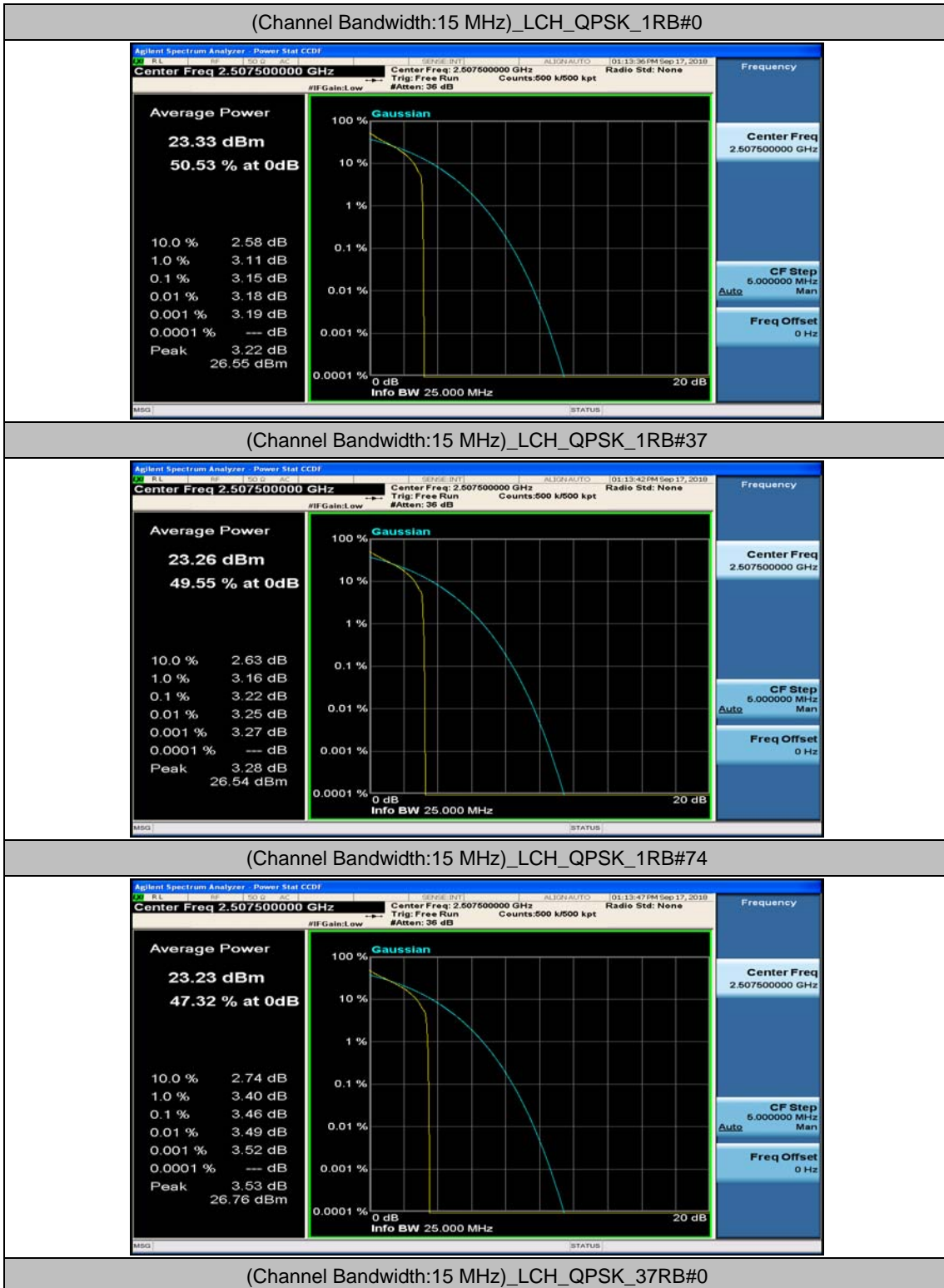






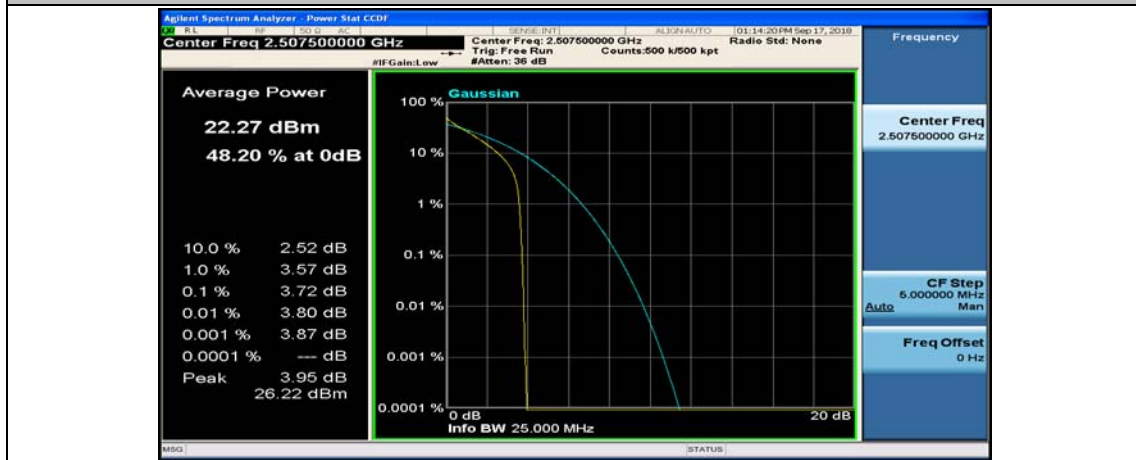


Channel Bandwidth: 15 MHz

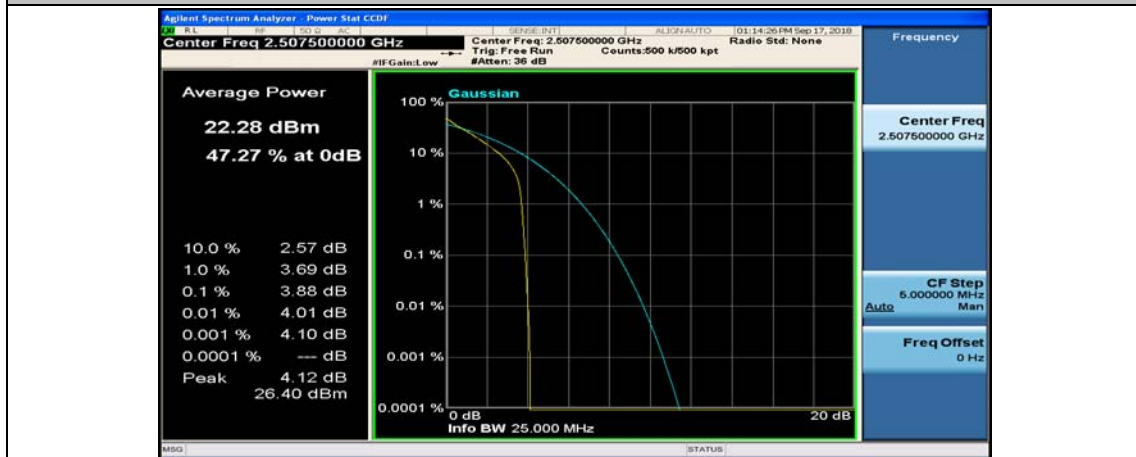




(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38



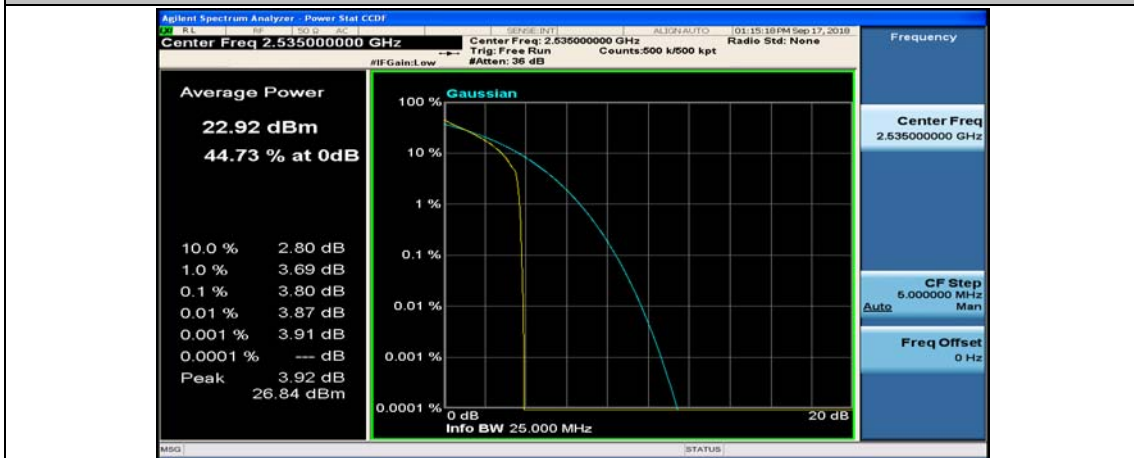
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



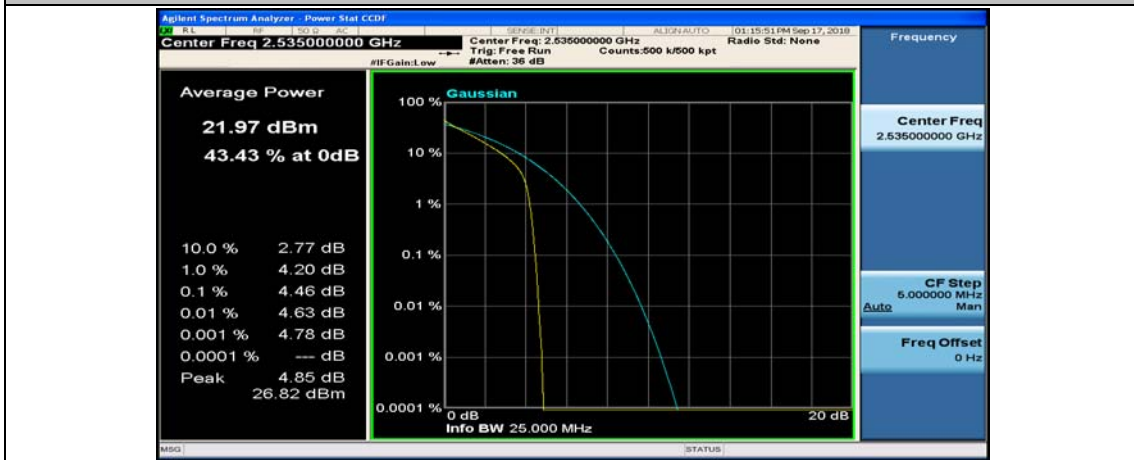
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37



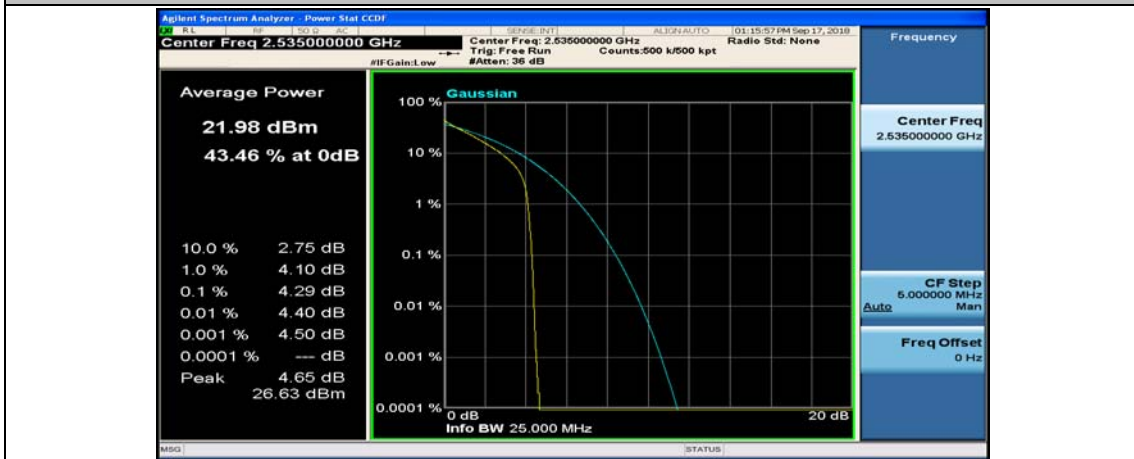
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74



(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18



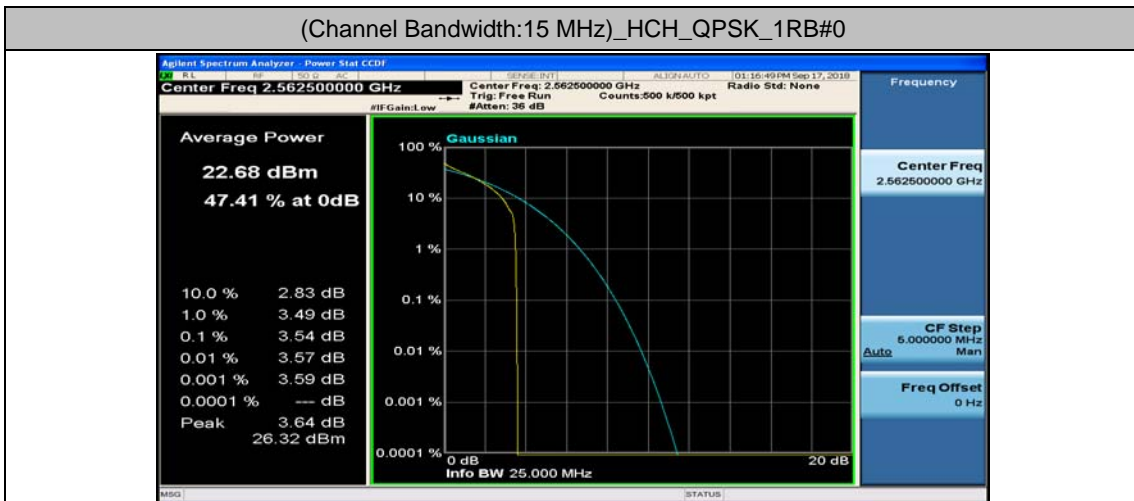
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38



(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



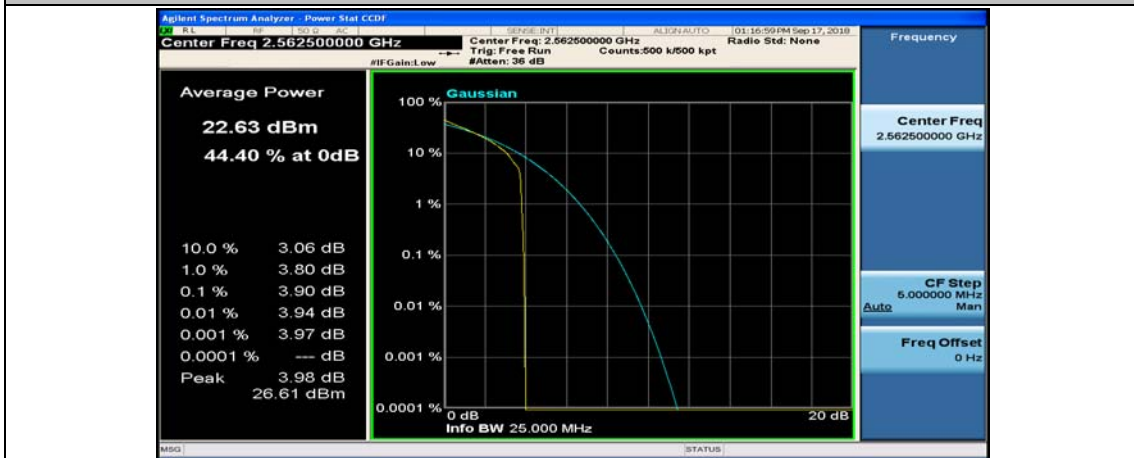
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



(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



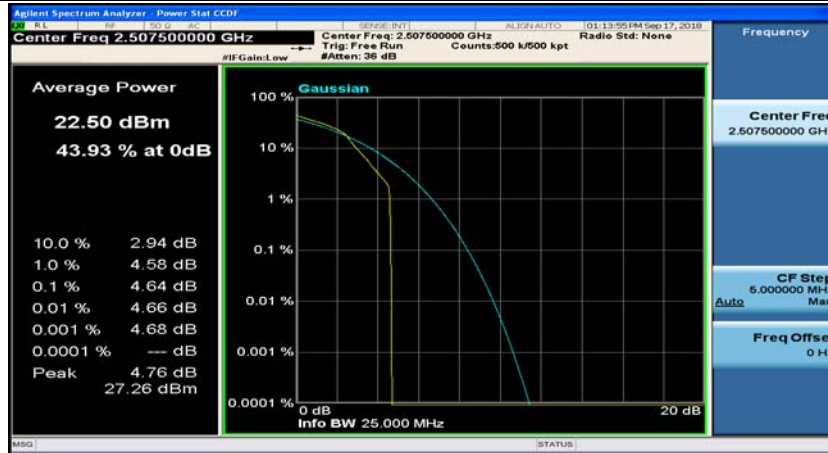
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38



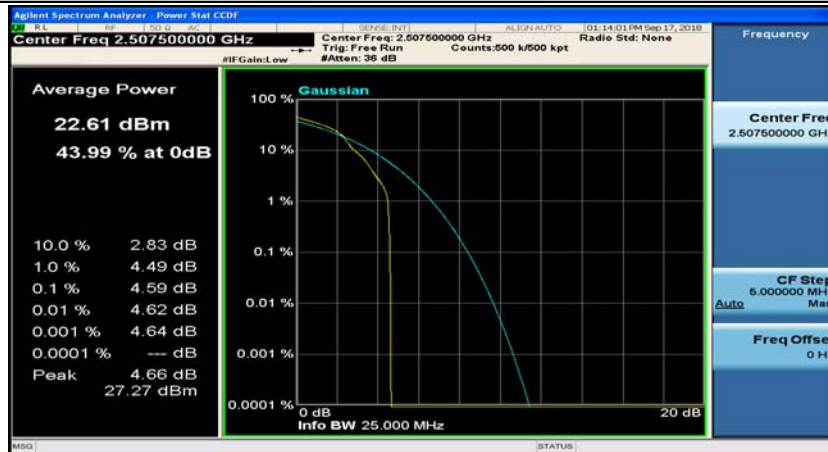
(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



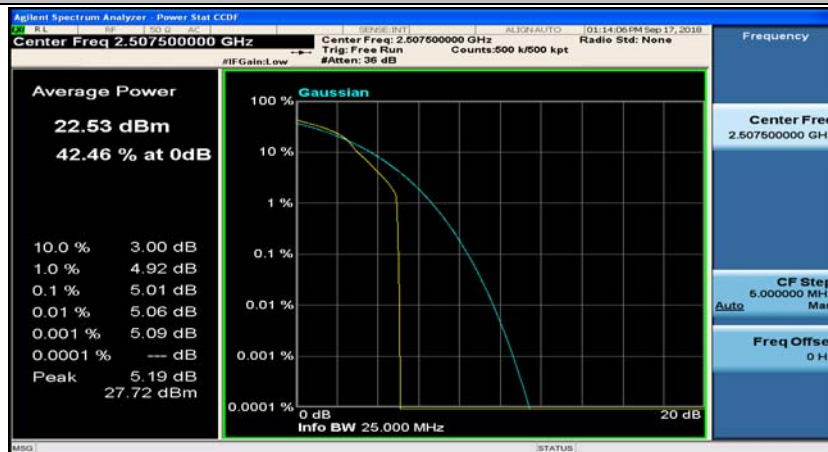
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74



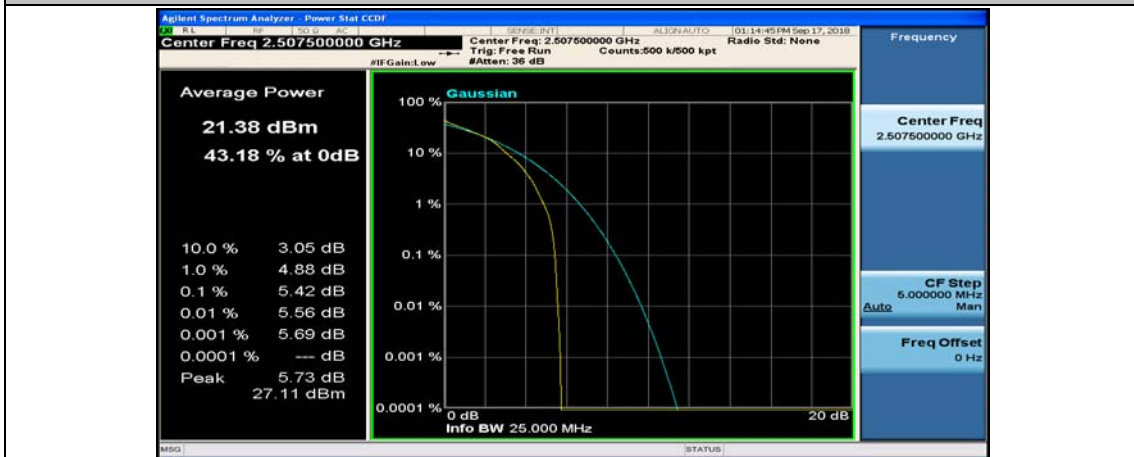
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18



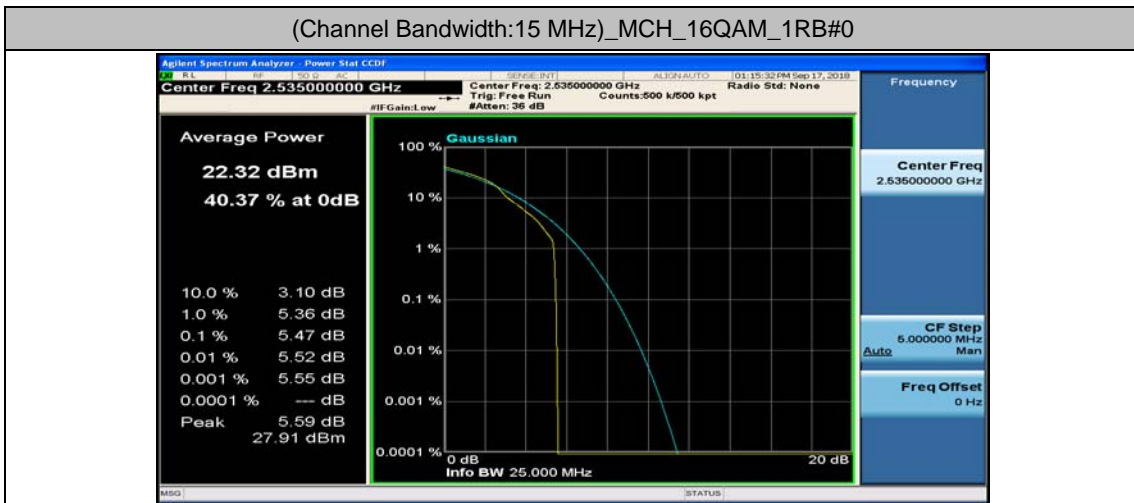
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38



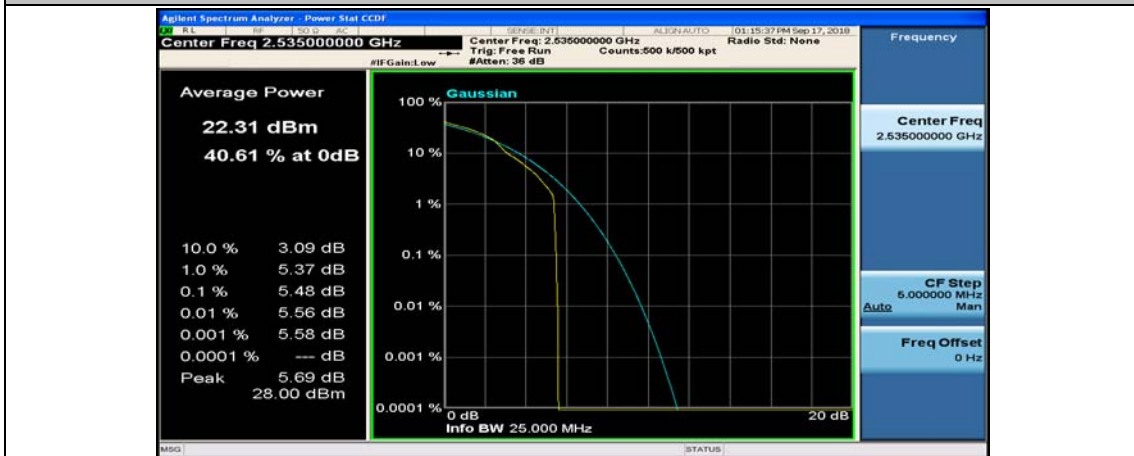
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0



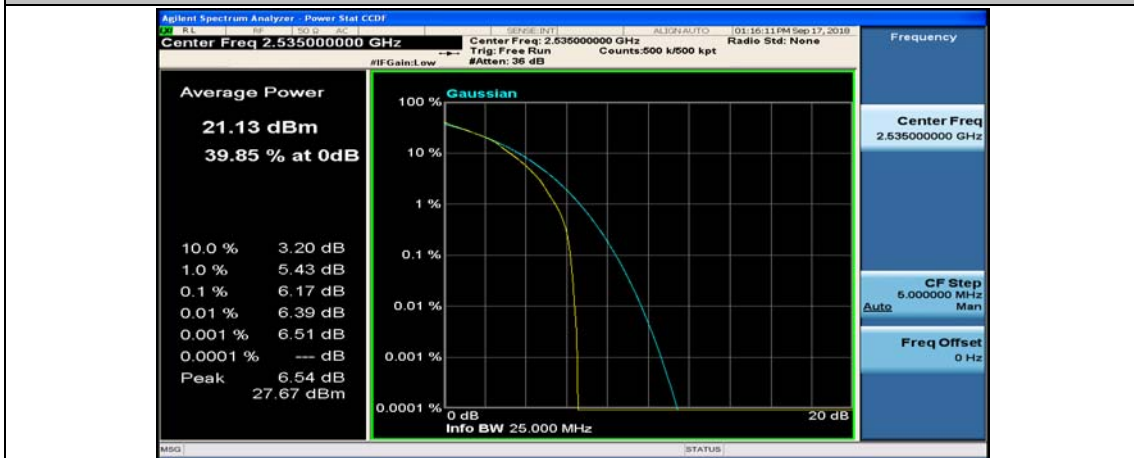
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37



(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74



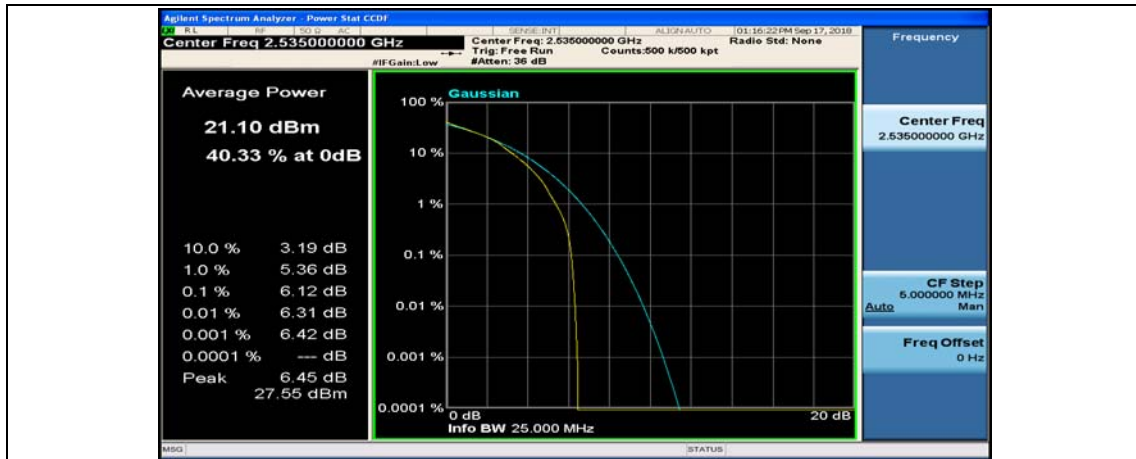
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0



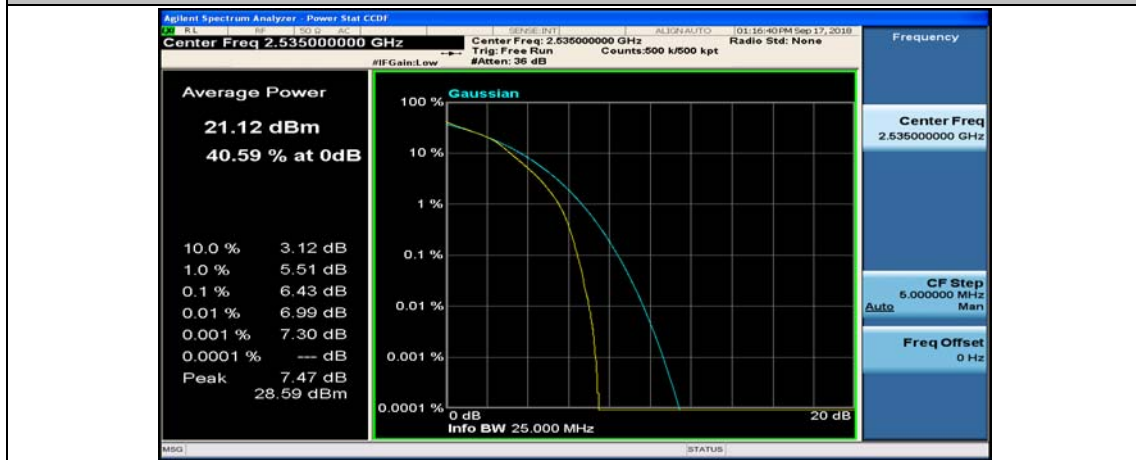
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18



(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38



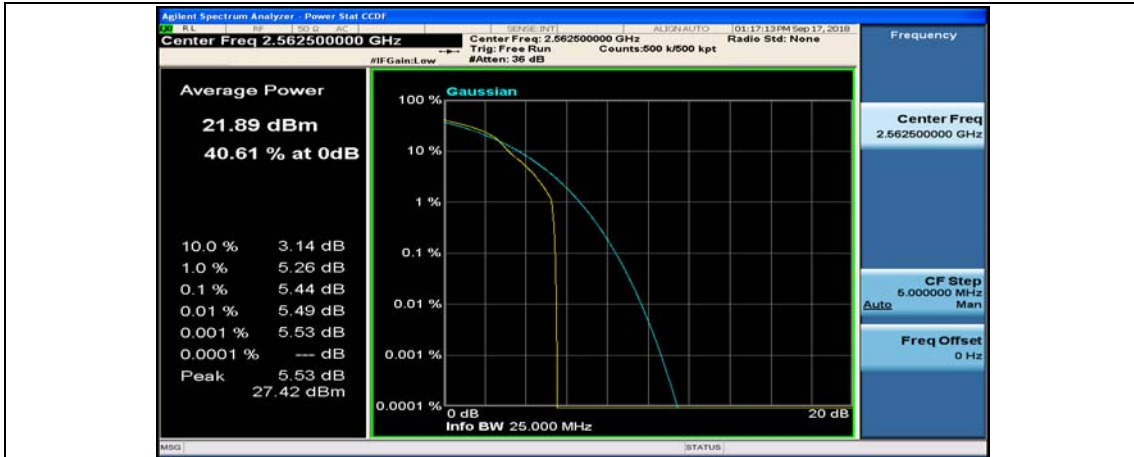
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



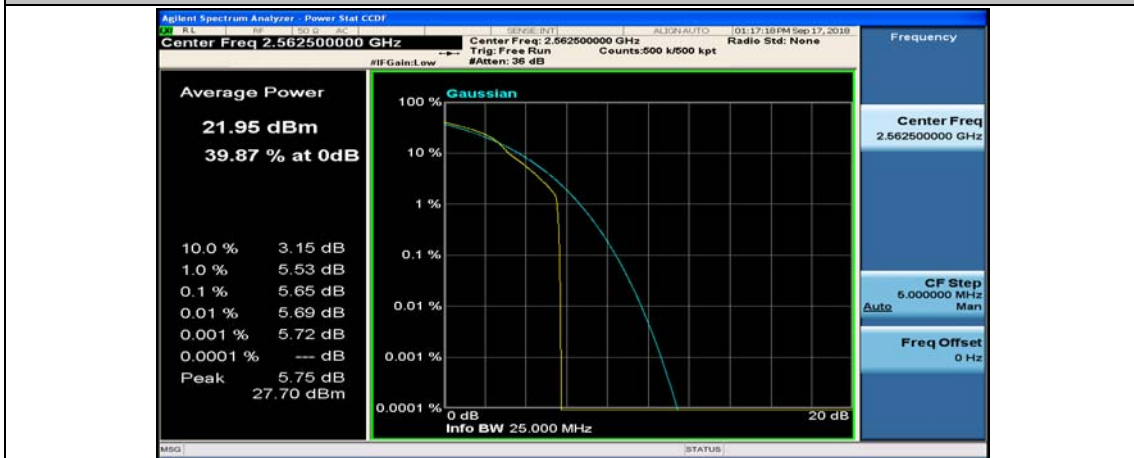
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



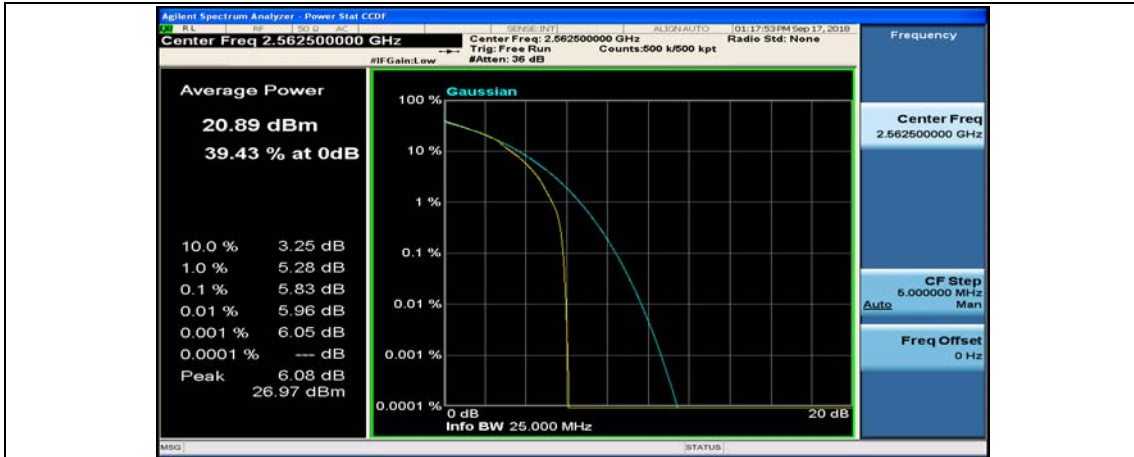
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74



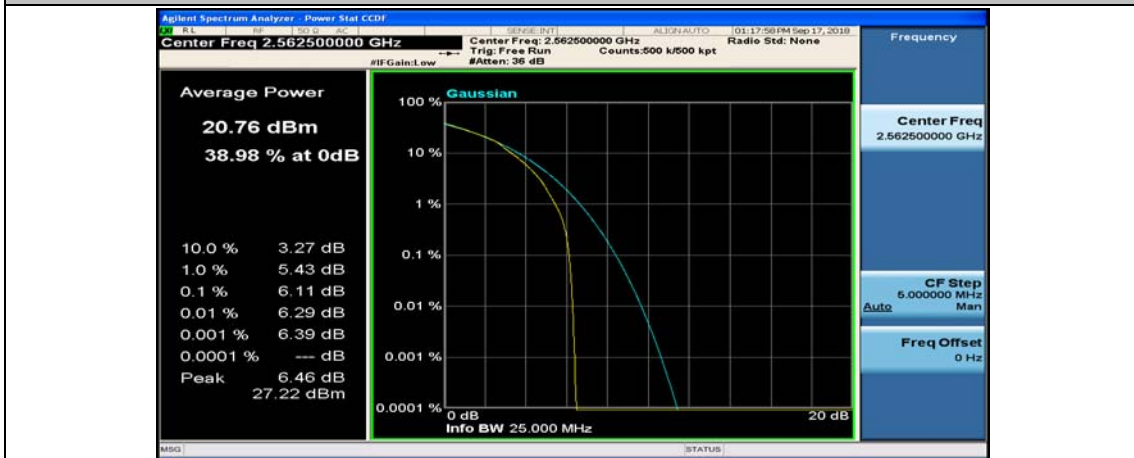
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0



(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

