

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	21.08	PASS
		1	12	21.25	PASS
		1	24	21.29	PASS
		12	0	20.48	PASS
		12	6	20.54	PASS
		12	13	20.32	PASS
		25	0	20.61	PASS
	MCH	1	0	23.18	PASS
		1	12	22.79	PASS
		1	24	22.93	PASS
		12	0	22.20	PASS
		12	6	21.97	PASS
		12	13	21.90	PASS
		25	0	22.03	PASS
	HCH	1	0	22.18	PASS
		1	12	21.73	PASS
		1	24	21.06	PASS
		12	0	20.97	PASS
		12	6	20.69	PASS
		12	13	20.40	PASS
		25	0	20.66	PASS
16QAM	LCH	1	0	20.46	PASS
		1	12	20.60	PASS
		1	24	20.62	PASS
		12	0	20.34	PASS
		12	6	20.40	PASS
		12	13	20.48	PASS
		25	0	20.26	PASS
	MCH	1	0	22.89	PASS
		1	12	22.17	PASS
		1	24	22.26	PASS
		12	0	21.31	PASS
		12	6	21.10	PASS
		12	13	21.06	PASS

	HCH	25	0	21.06	PASS
		1	0	21.10	PASS
		1	12	20.66	PASS
		1	24	20.54	PASS
		12	0	20.32	PASS
		12	6	20.78	PASS
		12	13	20.47	PASS
		25	0	20.70	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.04	PASS
		1	24	21.29	PASS
		1	49	20.72	PASS
		25	0	20.50	PASS
		25	12	20.32	PASS
		25	25	20.76	PASS
		50	0	20.58	PASS
	MCH	1	0	23.16	PASS
		1	24	22.65	PASS
		1	49	21.64	PASS
		25	0	22.20	PASS
		25	12	21.87	PASS
		25	25	21.42	PASS
		50	0	21.86	PASS
	HCH	1	0	21.42	PASS
		1	24	22.00	PASS
		1	49	21.13	PASS
		25	0	20.85	PASS
		25	12	21.03	PASS
		25	25	20.75	PASS
		50	0	20.88	PASS
16QAM	LCH	1	0	20.29	PASS
		1	24	20.51	PASS
		1	49	20.10	PASS
		25	0	21.24	PASS
		25	12	21.36	PASS
		25	25	21.27	PASS
		50	0	21.42	PASS
	MCH	1	0	22.37	PASS
		1	24	21.98	PASS

		1	49	20.87	PASS
		25	0	21.11	PASS
		25	12	20.89	PASS
		25	25	20.59	PASS
		50	0	20.85	PASS
	HCH	1	0	20.70	PASS
		1	24	21.42	PASS
		1	49	20.55	PASS
		25	0	21.84	PASS
		25	12	20.04	PASS
		25	25	21.80	PASS
		50	0	21.89	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict	
		Size	Offset			
QPSK	LCH	1	0	21.06	PASS	
		1	37	20.75	PASS	
		1	74	21.21	PASS	
		37	0	20.40	PASS	
		37	18	20.10	PASS	
		37	38	20.01	PASS	
		75	0	20.45	PASS	
	MCH	1	0	23.35	PASS	
		1	37	22.49	PASS	
		1	74	21.08	PASS	
		37	0	22.23	PASS	
		37	18	21.79	PASS	
		37	38	21.09	PASS	
		75	0	21.72	PASS	
	HCH	1	0	20.30	PASS	
		1	37	21.90	PASS	
		1	74	21.27	PASS	
		37	0	21.91	PASS	
		37	18	20.71	PASS	
		37	38	21.02	PASS	
		75	0	20.49	PASS	
	16QAM	LCH	1	0	20.32	PASS
			1	37	20.07	PASS
			1	74	20.50	PASS
37			0	21.37	PASS	
37			18	21.30	PASS	

		37	38	21.21	PASS
		75	0	20.46	PASS
	MCH	1	0	22.60	PASS
		1	37	21.83	PASS
		1	74	20.44	PASS
		37	0	21.18	PASS
		37	18	20.85	PASS
		37	38	20.27	PASS
		75	0	20.70	PASS
		HCH	1	0	20.56
	1		37	21.13	PASS
	1		74	20.52	PASS
	37		0	20.93	PASS
	37		18	20.76	PASS
	37		38	20.10	PASS
	75		0	20.51	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.24	PASS
		1	49	20.95	PASS
		1	99	22.09	PASS
		50	0	20.44	PASS
		50	25	20.86	PASS
		50	50	21.19	PASS
		100	0	20.36	PASS
	MCH	1	0	23.57	PASS
		1	49	22.60	PASS
		1	99	20.69	PASS
		50	0	22.18	PASS
		50	25	21.67	PASS
		50	50	20.71	PASS
		100	0	21.53	PASS
	HCH	1	0	21.70	PASS
		1	49	21.36	PASS
		1	99	21.45	PASS
		50	0	21.14	PASS
		50	25	21.21	PASS
		50	50	20.93	PASS
		100	0	21.03	PASS
16QAM	LCH	1	0	21.37	PASS

		1	49	21.10	PASS	
		1	99	21.21	PASS	
		50	0	20.45	PASS	
		50	25	21.03	PASS	
		50	50	21.21	PASS	
		100	0	20.35	PASS	
	MCH	1	0	22.30	PASS	
		1	49	21.82	PASS	
		1	99	20.82	PASS	
		50	0	21.20	PASS	
		50	25	20.68	PASS	
		50	50	20.89	PASS	
	HCH	100	0	20.53	PASS	
		1	0	21.00	PASS	
		1	49	20.62	PASS	
		1	99	20.73	PASS	
		50	0	21.21	PASS	
		50	25	21.23	PASS	
			50	50	21.05	PASS
			100	0	21.00	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	4.01	<13	PASS
		1	12	3.88	<13	PASS
		1	24	3.88	<13	PASS
		12	0	5	<13	PASS
		12	6	4.9	<13	PASS
		12	13	4.87	<13	PASS
		25	0	5.05	<13	PASS
	MCH	1	0	3.39	<13	PASS
		1	12	3.78	<13	PASS
		1	24	3.62	<13	PASS
		12	0	4.62	<13	PASS
		12	6	4.65	<13	PASS
		12	13	4.66	<13	PASS
		25	0	4.7	<13	PASS
	HCH	1	0	3.44	<13	PASS
		1	12	3.77	<13	PASS
		1	24	4.08	<13	PASS
		12	0	4.67	<13	PASS
		12	6	4.75	<13	PASS
		12	13	4.93	<13	PASS
		25	0	4.88	<13	PASS
16QAM	LCH	1	0	5.03	<13	PASS
		1	12	4.86	<13	PASS
		1	24	4.74	<13	PASS
		12	0	5.81	<13	PASS
		12	6	5.74	<13	PASS
		12	13	5.78	<13	PASS
		25	0	5.82	<13	PASS
	MCH	1	0	4.15	<13	PASS
		1	12	4.4	<13	PASS
		1	24	4.35	<13	PASS
		12	0	5.64	<13	PASS
		12	6	5.63	<13	PASS

		12	13	5.58	<13	PASS
		25	0	5.61	<13	PASS
	HCH	1	0	4.42	<13	PASS
		1	12	4.67	<13	PASS
		1	24	5.04	<13	PASS
		12	0	5.52	<13	PASS
		12	6	5.6	<13	PASS
		12	13	5.74	<13	PASS
		25	0	5.73	<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	4.12	<13	PASS
		1	24	3.95	<13	PASS
		1	49	4.6	<13	PASS
		25	0	4.97	<13	PASS
		25	12	4.96	<13	PASS
		25	25	5.21	<13	PASS
		50	0	5	<13	PASS
	MCH	1	0	3.86	<13	PASS
		1	24	3.8	<13	PASS
		1	49	4.35	<13	PASS
		25	0	4.75	<13	PASS
		25	12	4.78	<13	PASS
		25	25	4.88	<13	PASS
		50	0	4.85	<13	PASS
	HCH	1	0	4.34	<13	PASS
		1	24	3.53	<13	PASS
		1	49	3.89	<13	PASS
		25	0	5.08	<13	PASS
		25	12	4.81	<13	PASS
		25	25	4.83	<13	PASS
		50	0	4.96	<13	PASS
16QAM	LCH	1	0	5.02	<13	PASS
		1	24	4.78	<13	PASS
		1	49	5.55	<13	PASS
		25	0	5.8	<13	PASS
		25	12	5.77	<13	PASS
		25	25	5.97	<13	PASS

	MCH	50	0	5.83	<13	PASS
		1	0	4.81	<13	PASS
		1	24	4.58	<13	PASS
		1	49	5.27	<13	PASS
		25	0	5.65	<13	PASS
		25	12	5.65	<13	PASS
		25	25	5.63	<13	PASS
		50	0	5.71	<13	PASS
	HCH	1	0	5.43	<13	PASS
		1	24	4.55	<13	PASS
		1	49	4.88	<13	PASS
		25	0	5.92	<13	PASS
		25	12	5.7	<13	PASS
		25	25	5.7	<13	PASS
		50	0	5.86	<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	4.06	<13	PASS
		1	37	4.35	<13	PASS
		1	74	4.86	<13	PASS
		37	0	4.92	<13	PASS
		37	18	5.16	<13	PASS
		37	38	5.52	<13	PASS
		75	0	5.51	<13	PASS
	MCH	1	0	3.85	<13	PASS
		1	37	3.83	<13	PASS
		1	74	4.76	<13	PASS
		37	0	4.81	<13	PASS
		37	18	4.76	<13	PASS
		37	38	5.05	<13	PASS
		75	0	5.32	<13	PASS
	HCH	1	0	5.32	<13	PASS
		1	37	4.01	<13	PASS
		1	74	3.93	<13	PASS
		37	0	5.65	<13	PASS
		37	18	5.19	<13	PASS
		37	38	4.79	<13	PASS
		75	0	5.63	<13	PASS

16QAM	LCH	1	0	4.98	<13	PASS
		1	37	5.21	<13	PASS
		1	74	5.72	<13	PASS
		37	0	5.83	<13	PASS
		37	18	5.94	<13	PASS
		37	38	6.22	<13	PASS
		75	0	6.18	<13	PASS
	MCH	1	0	4.78	<13	PASS
		1	37	4.63	<13	PASS
		1	74	5.65	<13	PASS
		37	0	5.66	<13	PASS
		37	18	5.62	<13	PASS
		37	38	5.81	<13	PASS
		75	0	5.99	<13	PASS
	HCH	1	0	6.48	<13	PASS
		1	37	5.00	<13	PASS
		1	74	4.95	<13	PASS
		37	0	6.52	<13	PASS
		37	18	6.06	<13	PASS
		37	38	5.65	<13	PASS
		75	0	6.3	<13	PASS

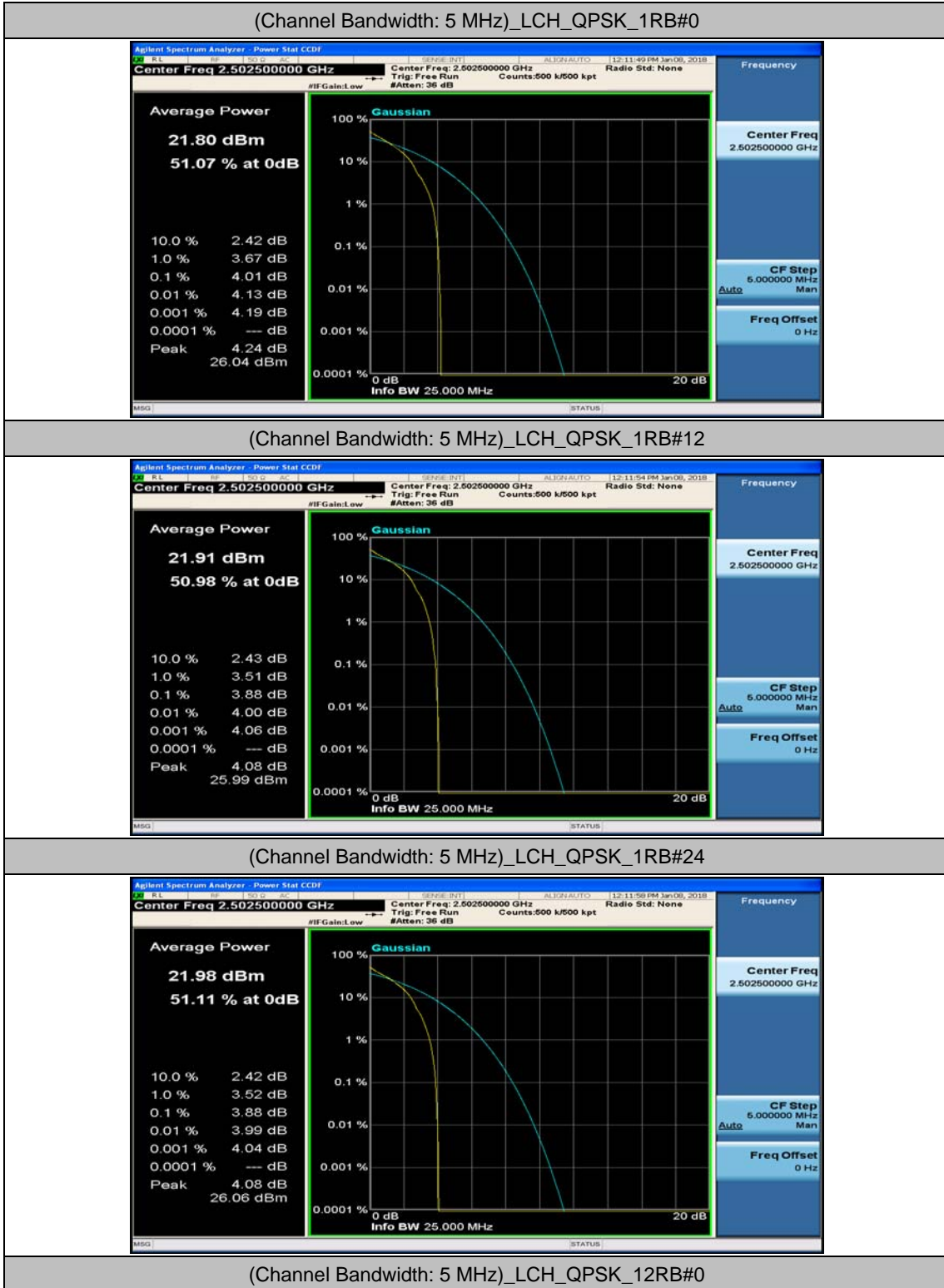
Channel Bandwidth: 20 MHz

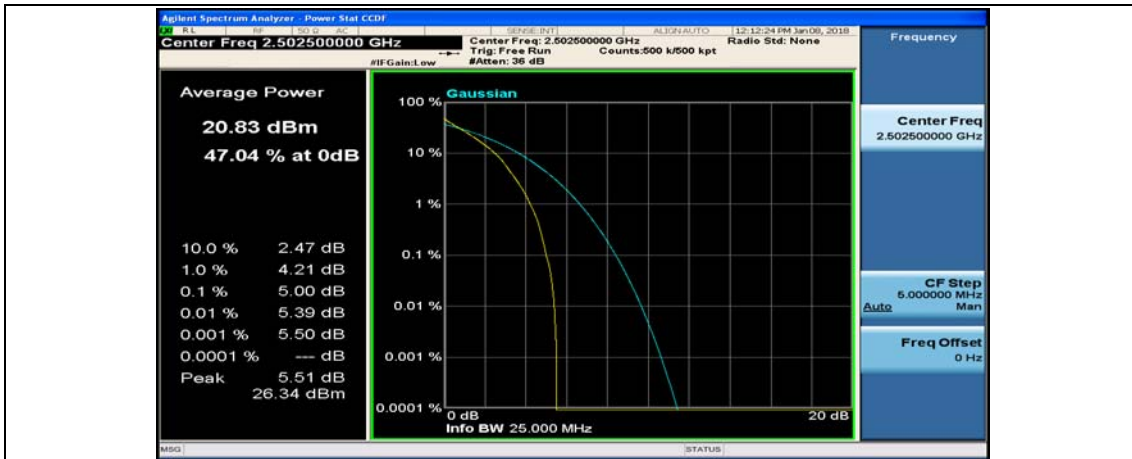
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.99	<13	PASS
		1	49	4.57	<13	PASS
		1	99	4.85	<13	PASS
		50	0	5.02	<13	PASS
		50	25	5.55	<13	PASS
		50	50	5.74	<13	PASS
		100	0	5.52	<13	PASS
	MCH	1	0	4.25	<13	PASS
		1	49	3.82	<13	PASS
		1	99	5.01	<13	PASS
		50	0	4.98	<13	PASS
		50	25	4.88	<13	PASS
		50	50	5.32	<13	PASS
		100	0	5.33	<13	PASS
	HCH	1	0	6.04	<13	PASS

		1	49	4.70	<13	PASS
		1	99	3.89	<13	PASS
		50	0	5.99	<13	PASS
		50	25	5.61	<13	PASS
		50	50	5.05	<13	PASS
		100	0	5.72	<13	PASS
16QAM	LCH	1	0	4.92	<13	PASS
		1	49	5.38	<13	PASS
		1	99	5.79	<13	PASS
		50	0	5.88	<13	PASS
		50	25	6.25	<13	PASS
		50	50	6.58	<13	PASS
		100	0	6.31	<13	PASS
	MCH	1	0	4.98	<13	PASS
		1	49	4.60	<13	PASS
		1	99	5.92	<13	PASS
		50	0	5.82	<13	PASS
		50	25	5.74	<13	PASS
		50	50	6.10	<13	PASS
		100	0	6.08	<13	PASS
	HCH	1	0	6.75	<13	PASS
		1	49	5.55	<13	PASS
		1	99	4.75	<13	PASS
		50	0	6.74	<13	PASS
		50	25	6.38	<13	PASS
		50	50	5.87	<13	PASS
		100	0	6.47	<13	PASS

Test Graphs

Channel Bandwidth: 5 MHz

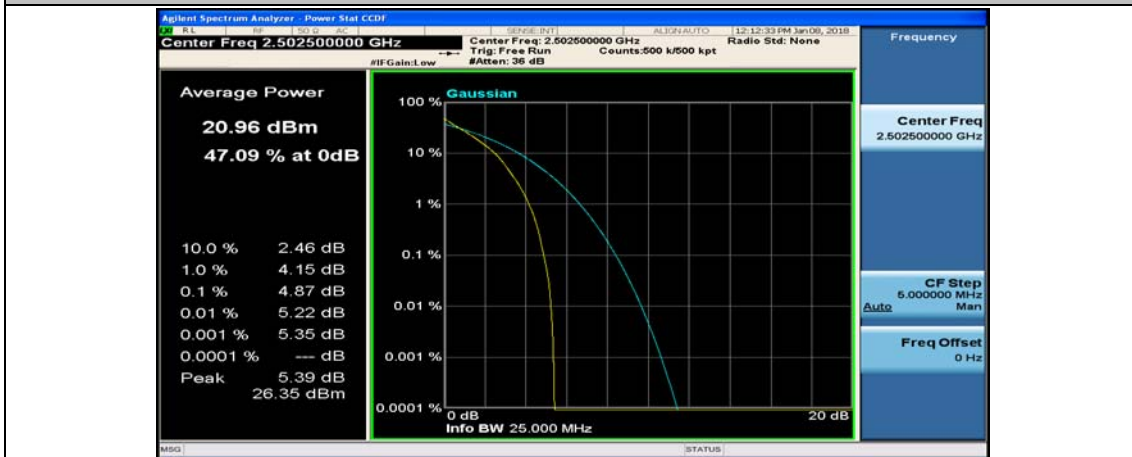




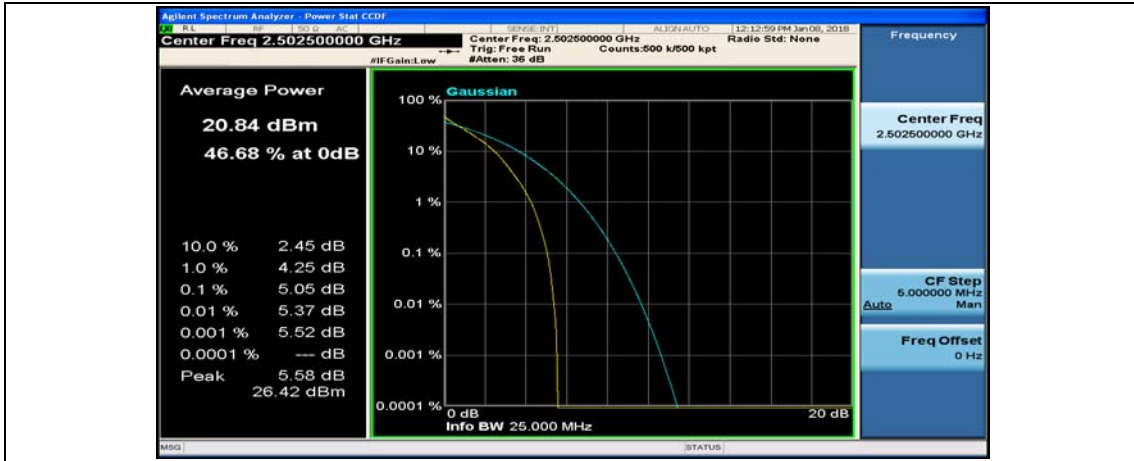
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



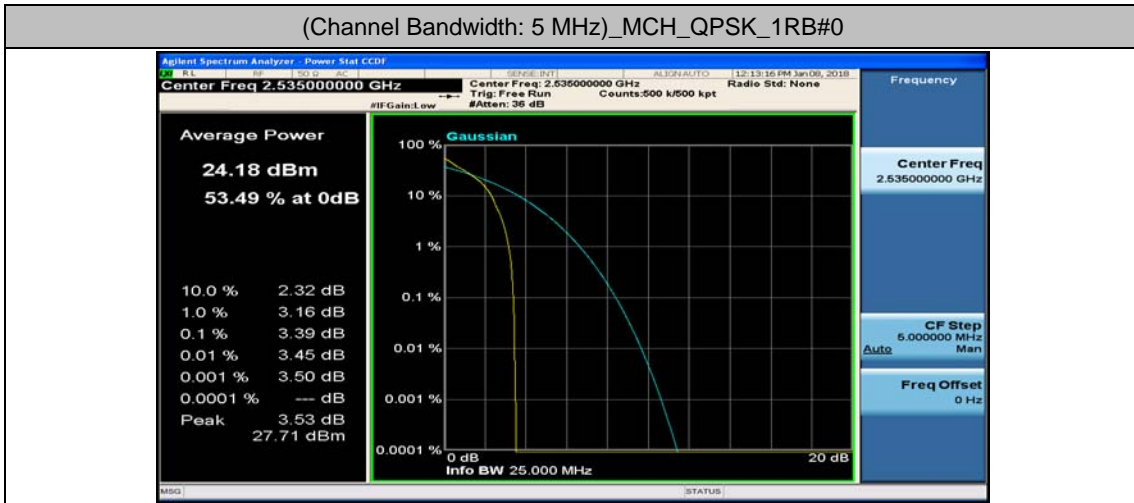
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(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



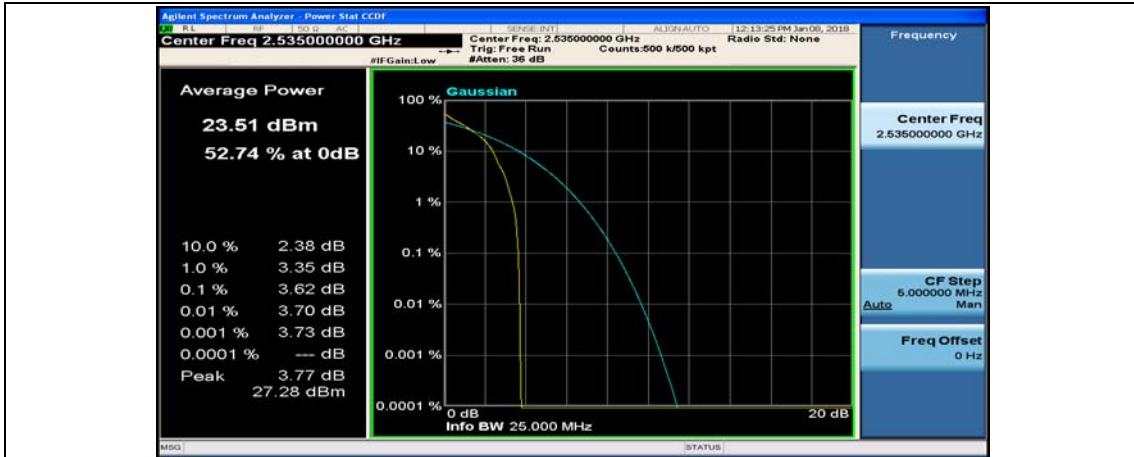
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



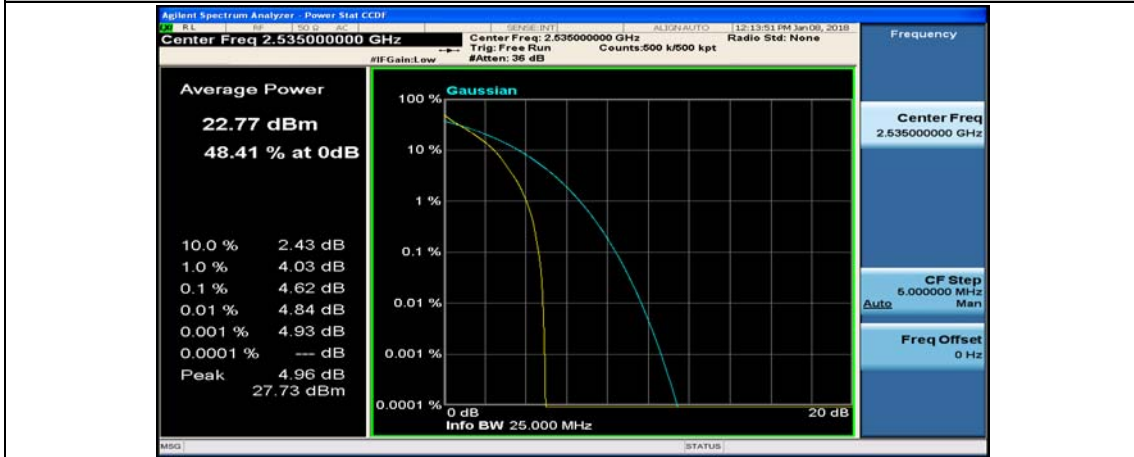
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(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



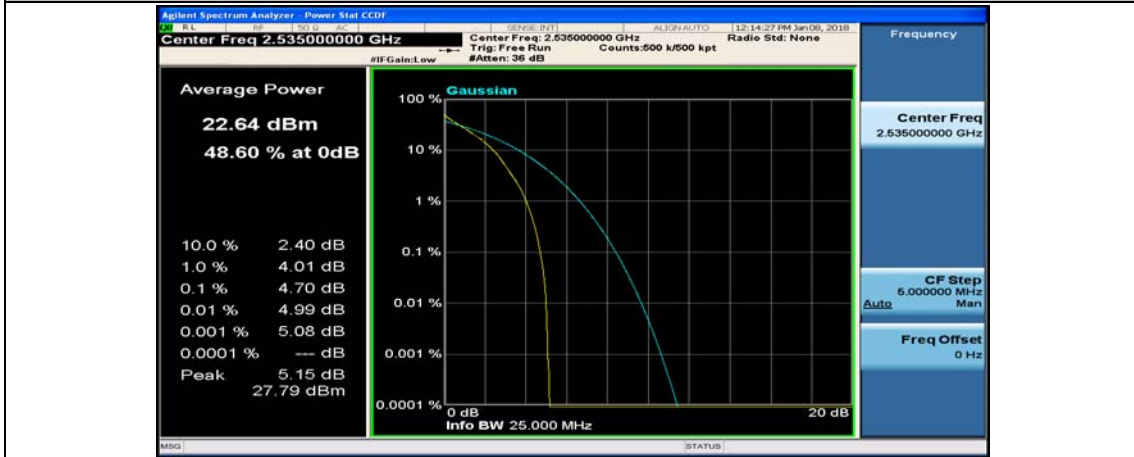
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(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



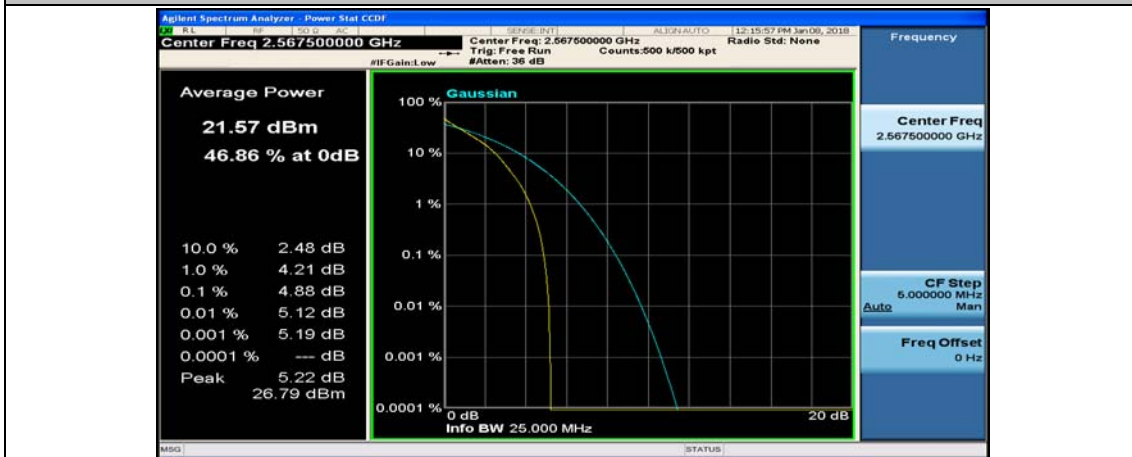
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



(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



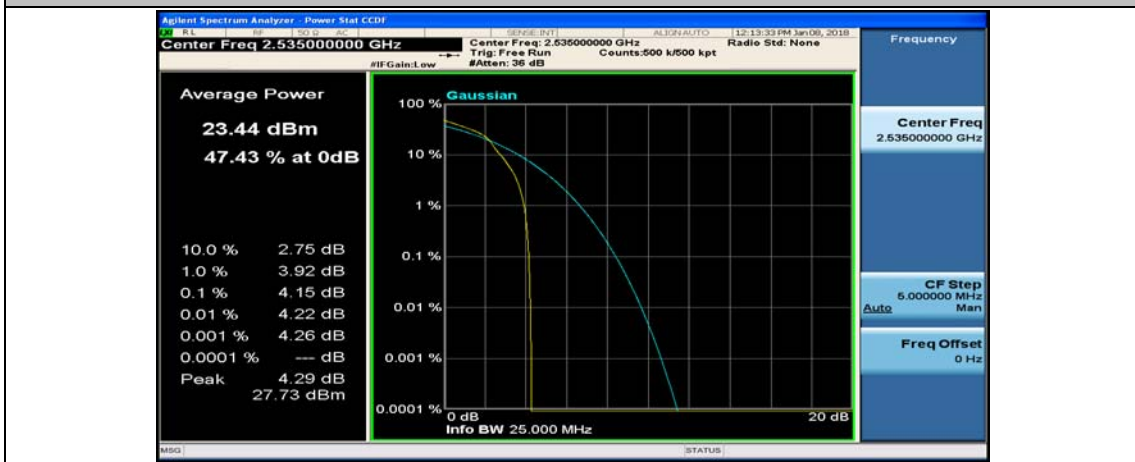
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(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



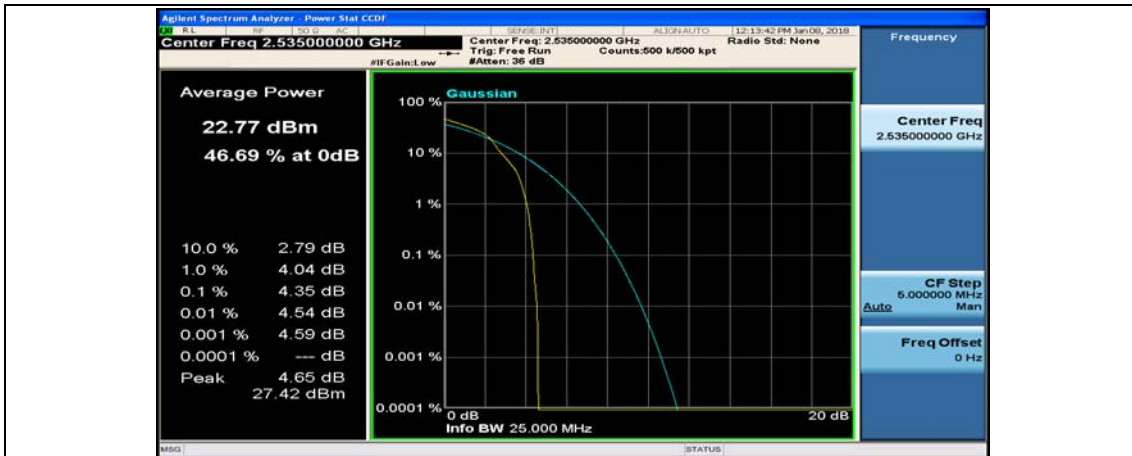
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(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



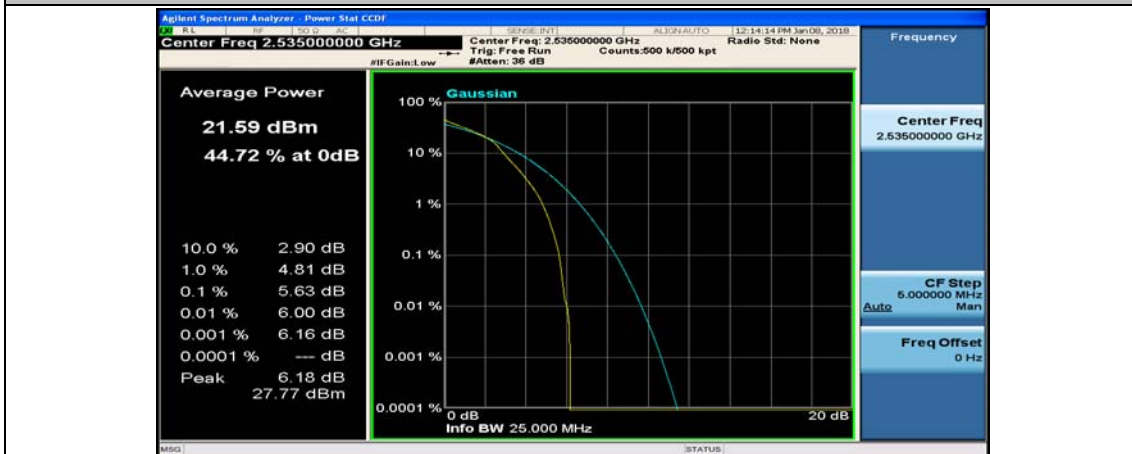
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(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



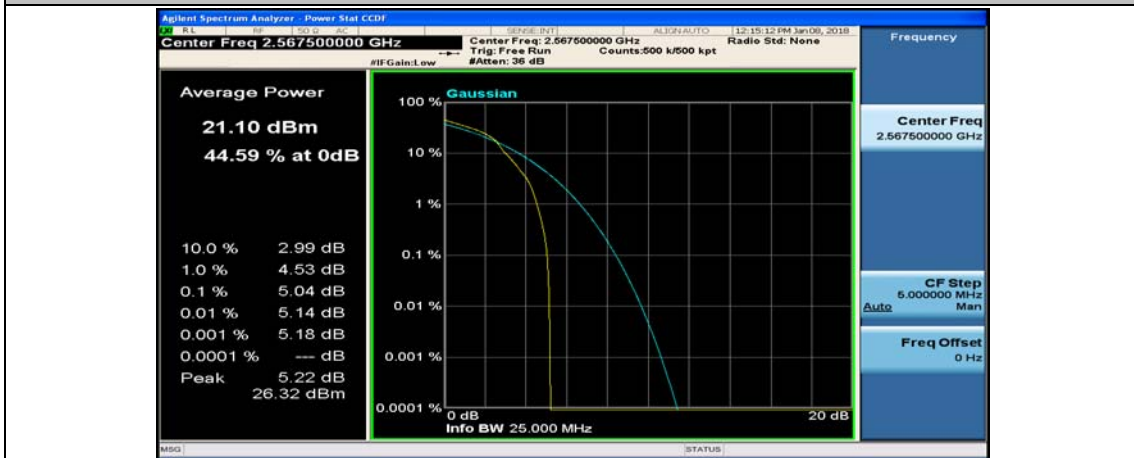
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(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



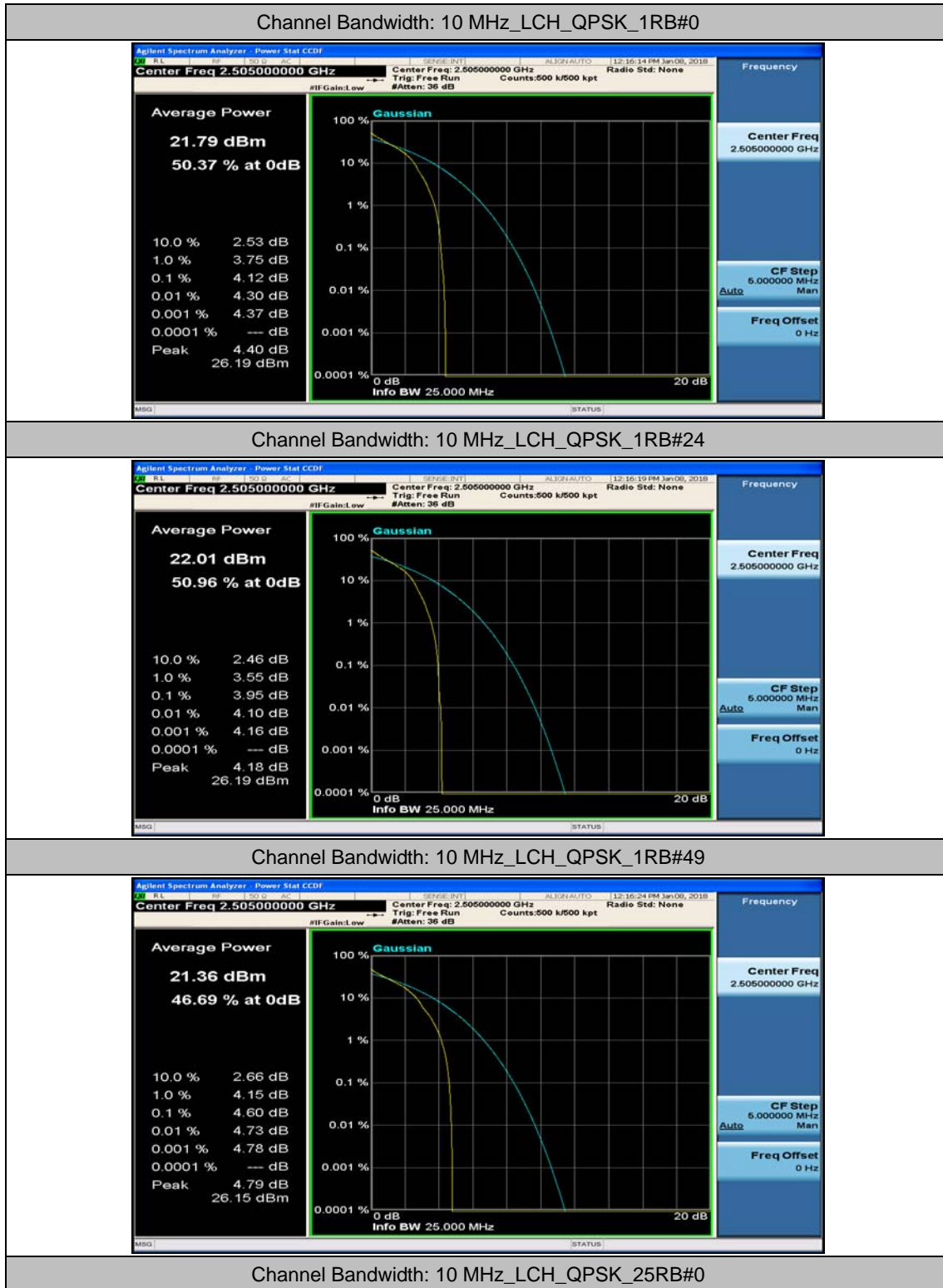
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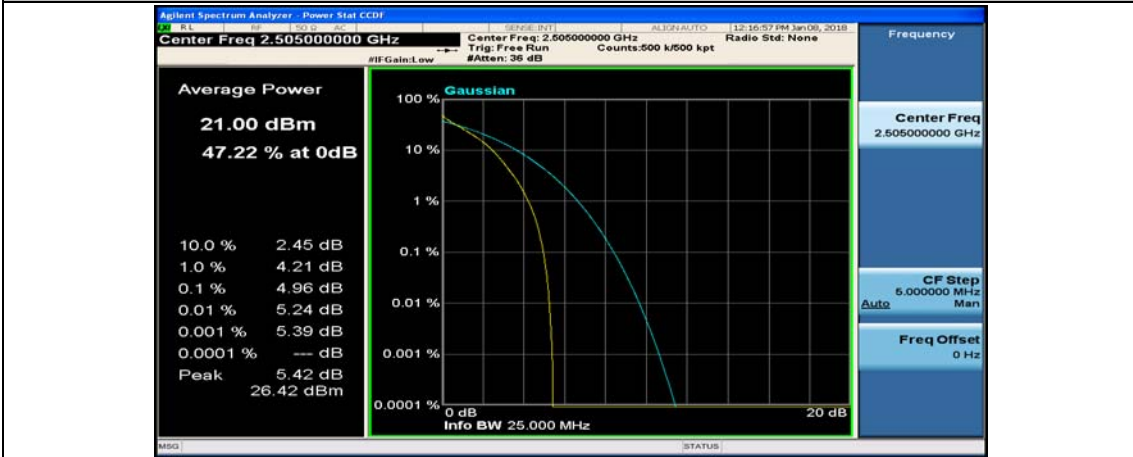


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



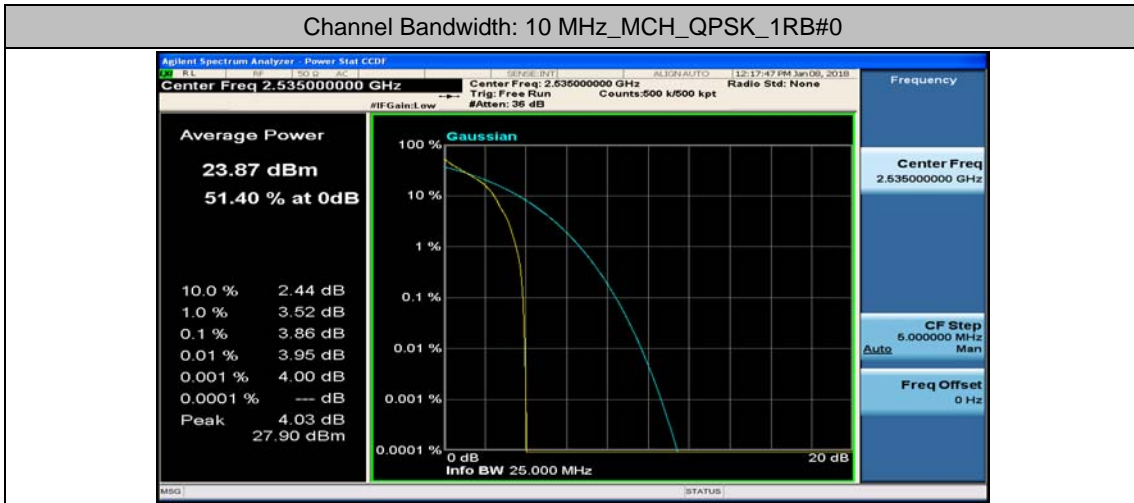
Channel Bandwidth: 10 MHz







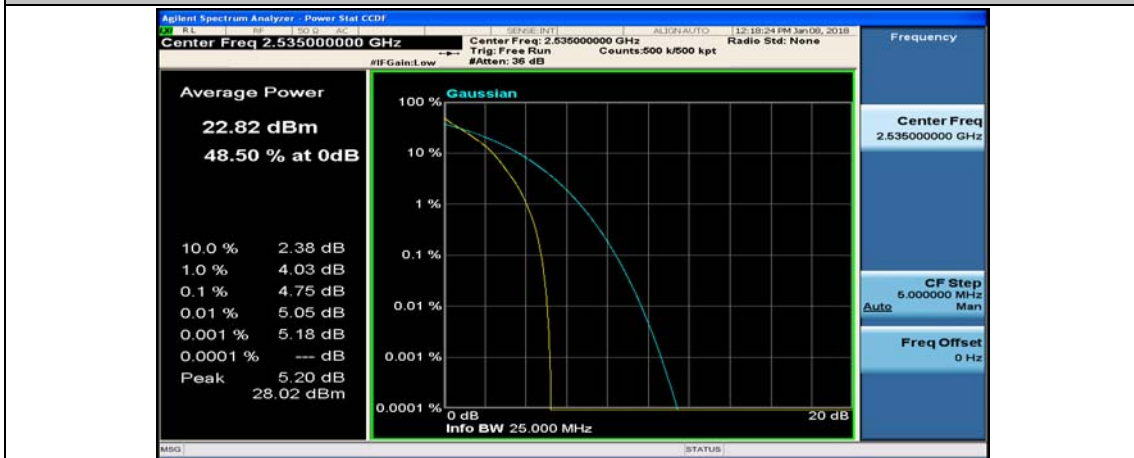
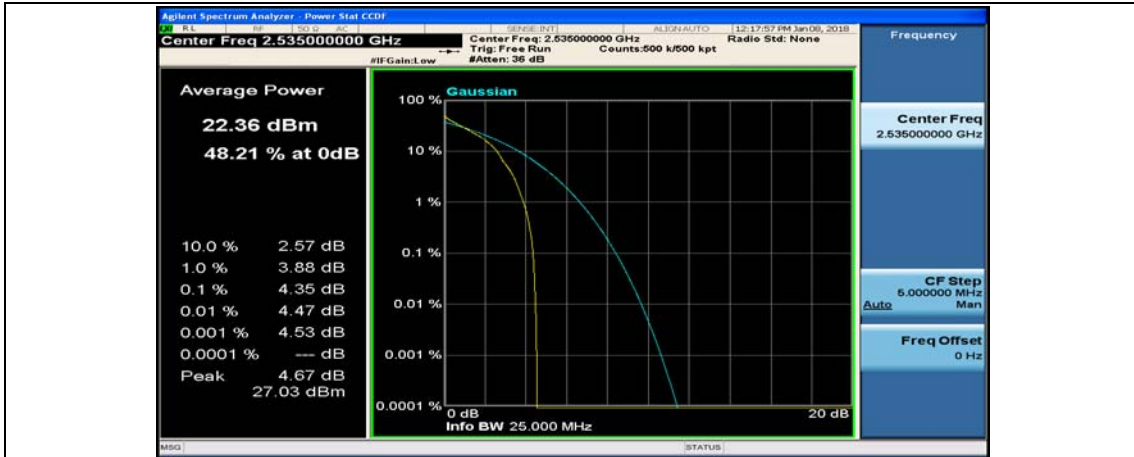
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

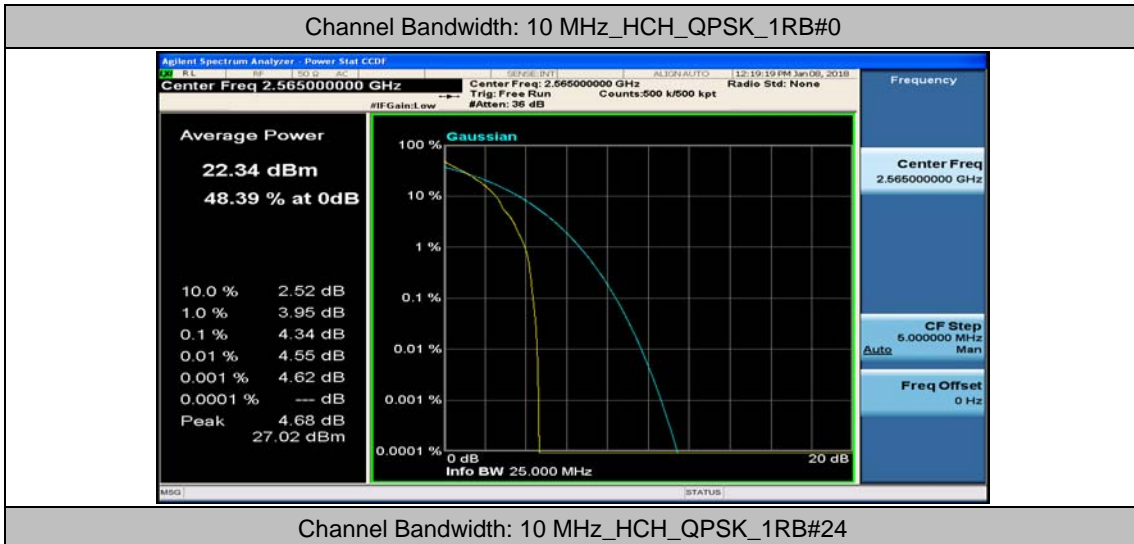


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49







Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



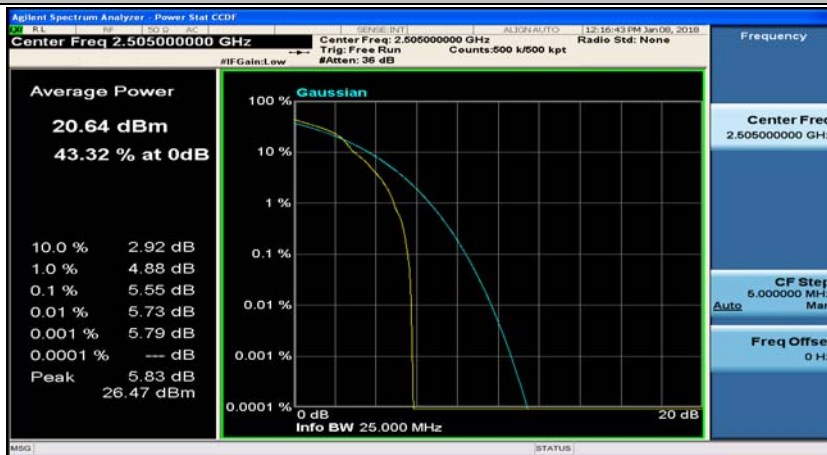
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



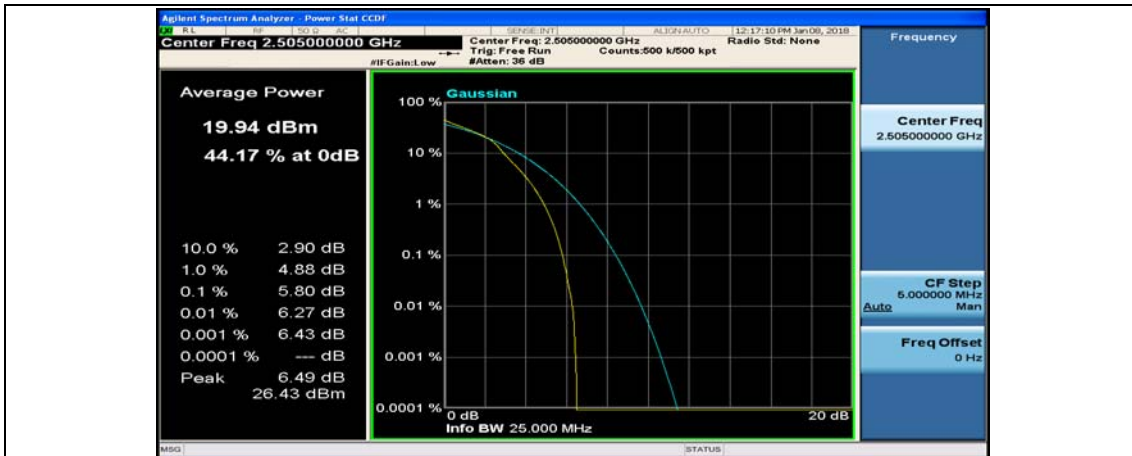
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

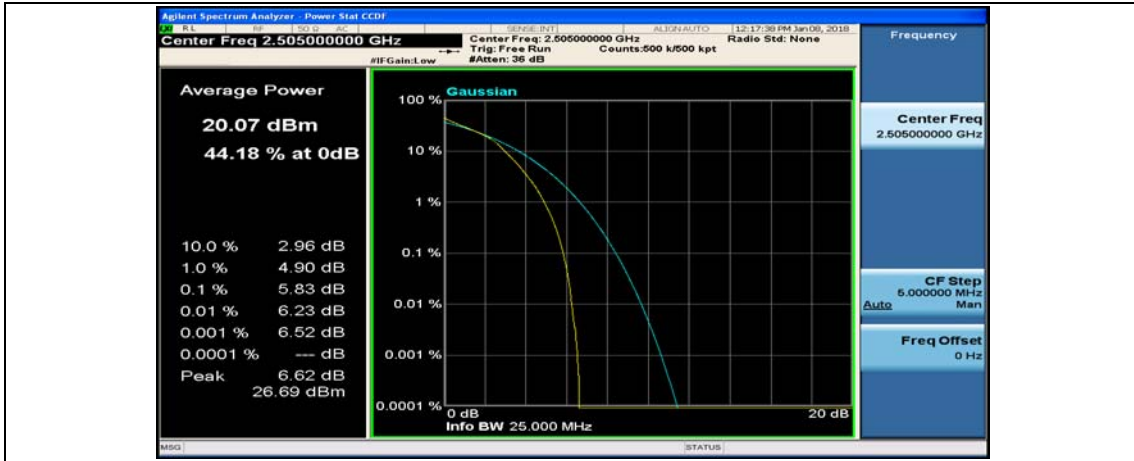


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0

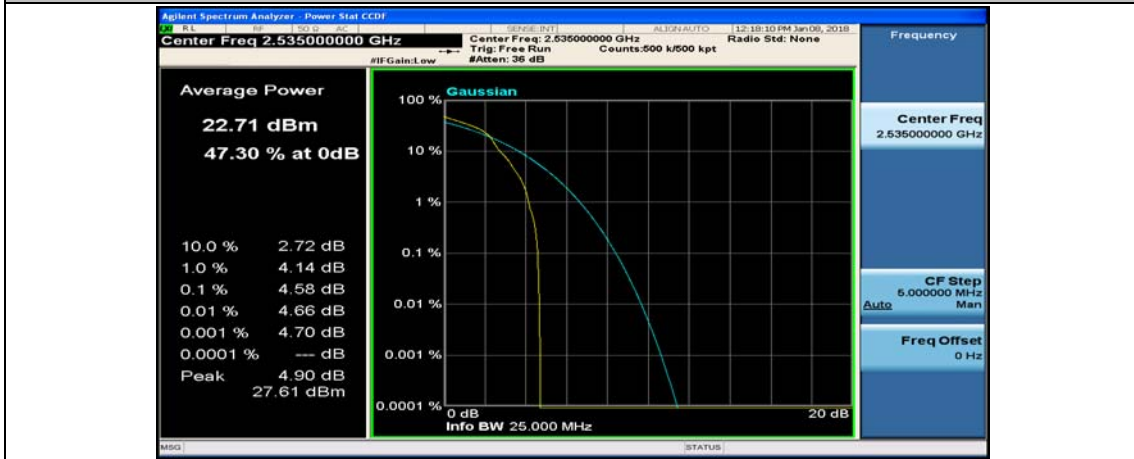




Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



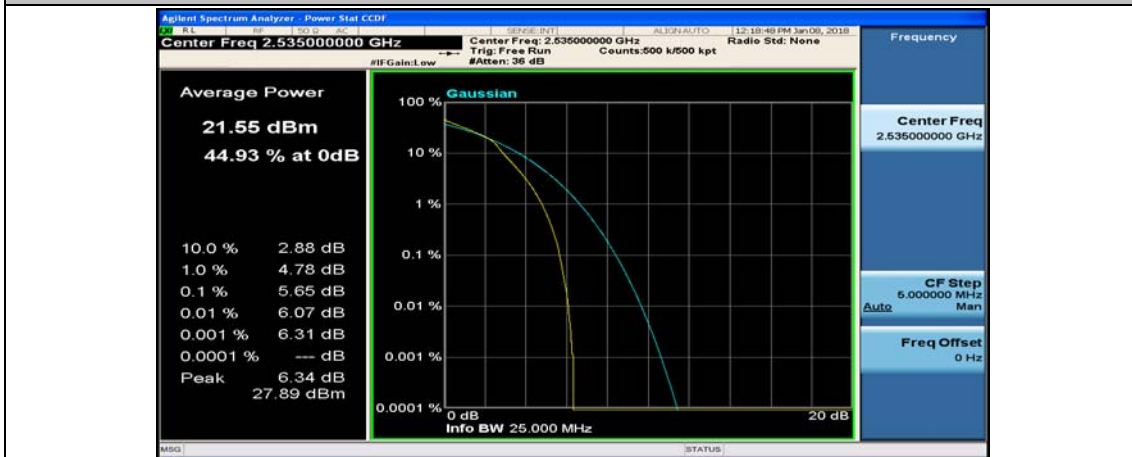
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



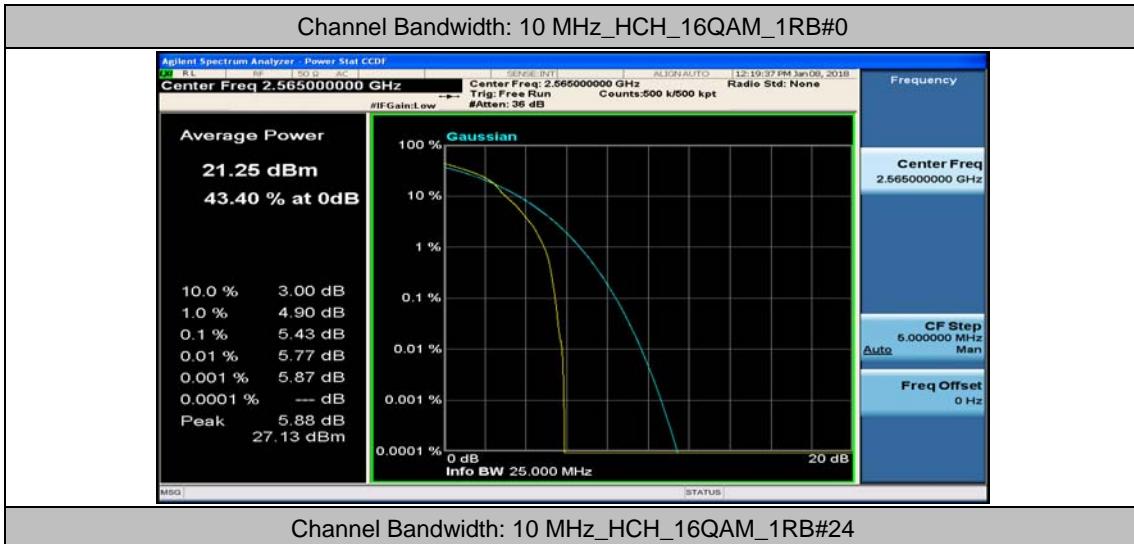
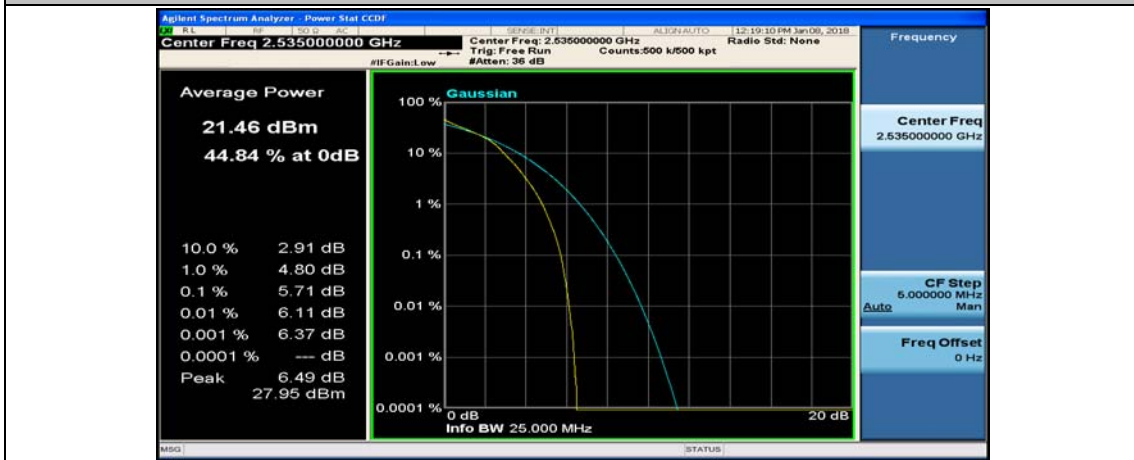
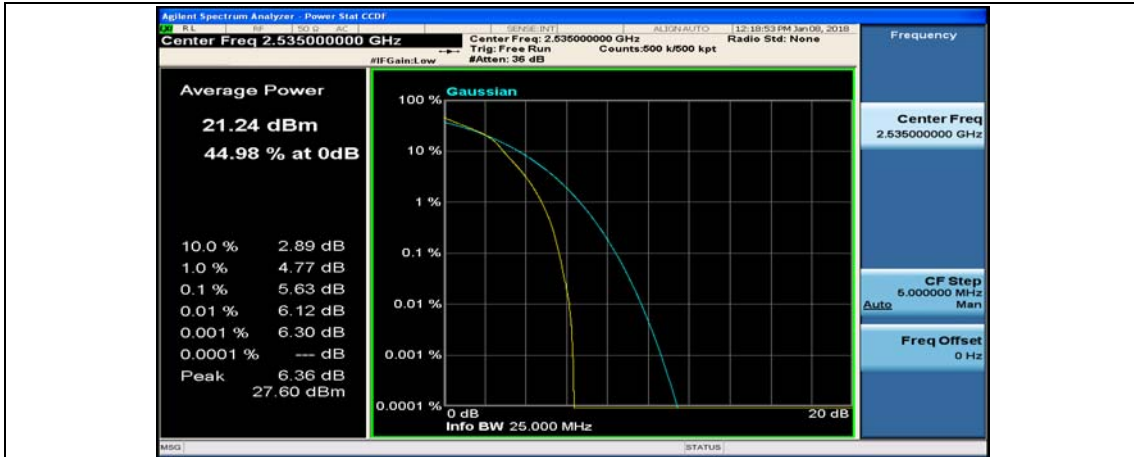
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0

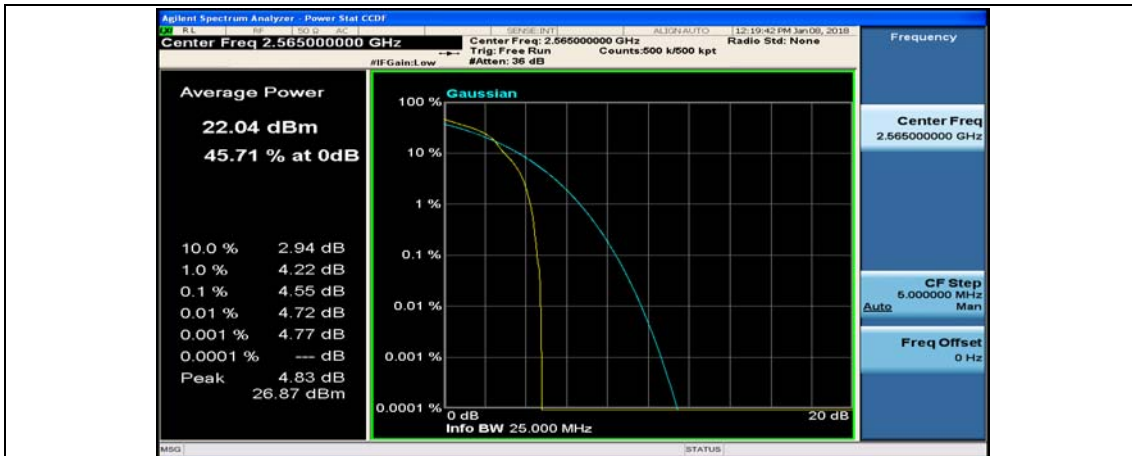


Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12

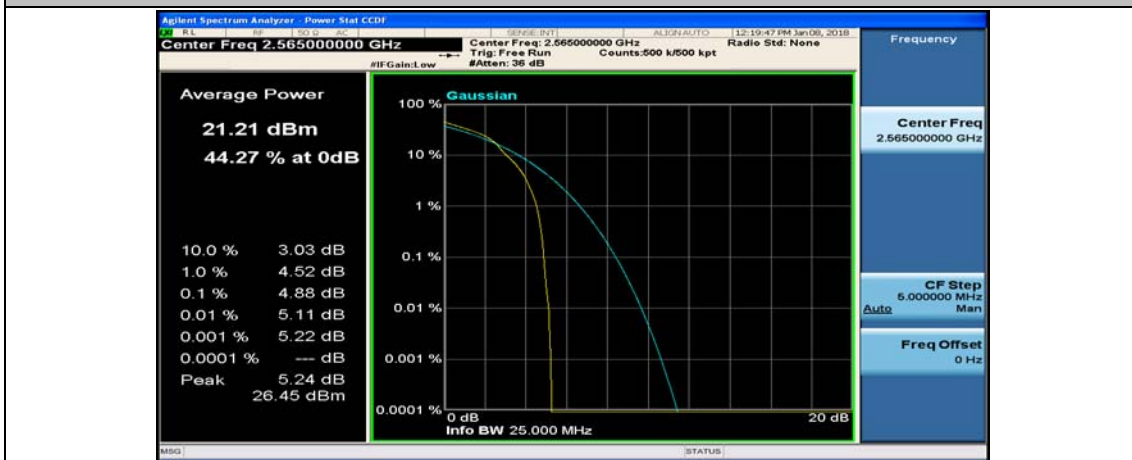


Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25





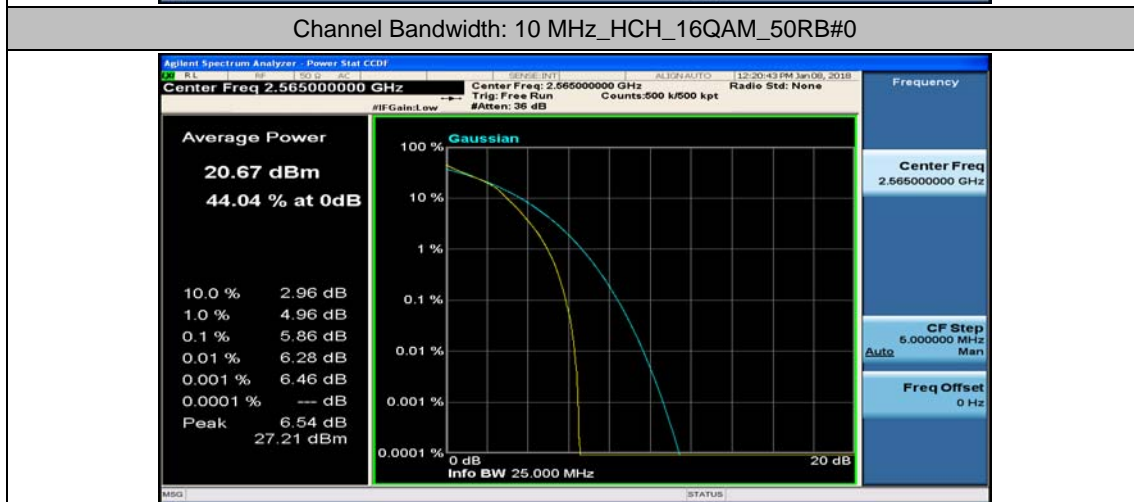
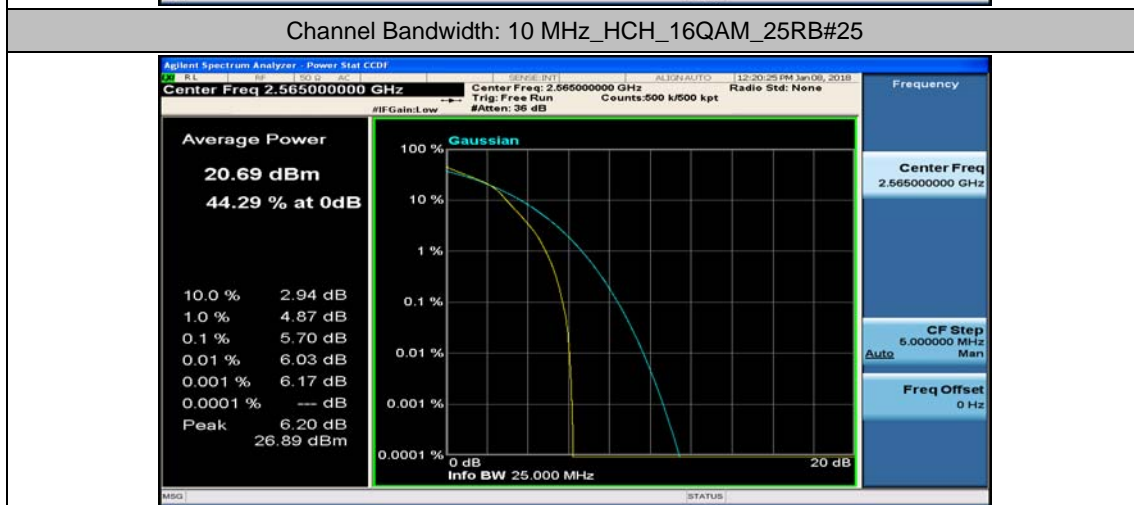
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



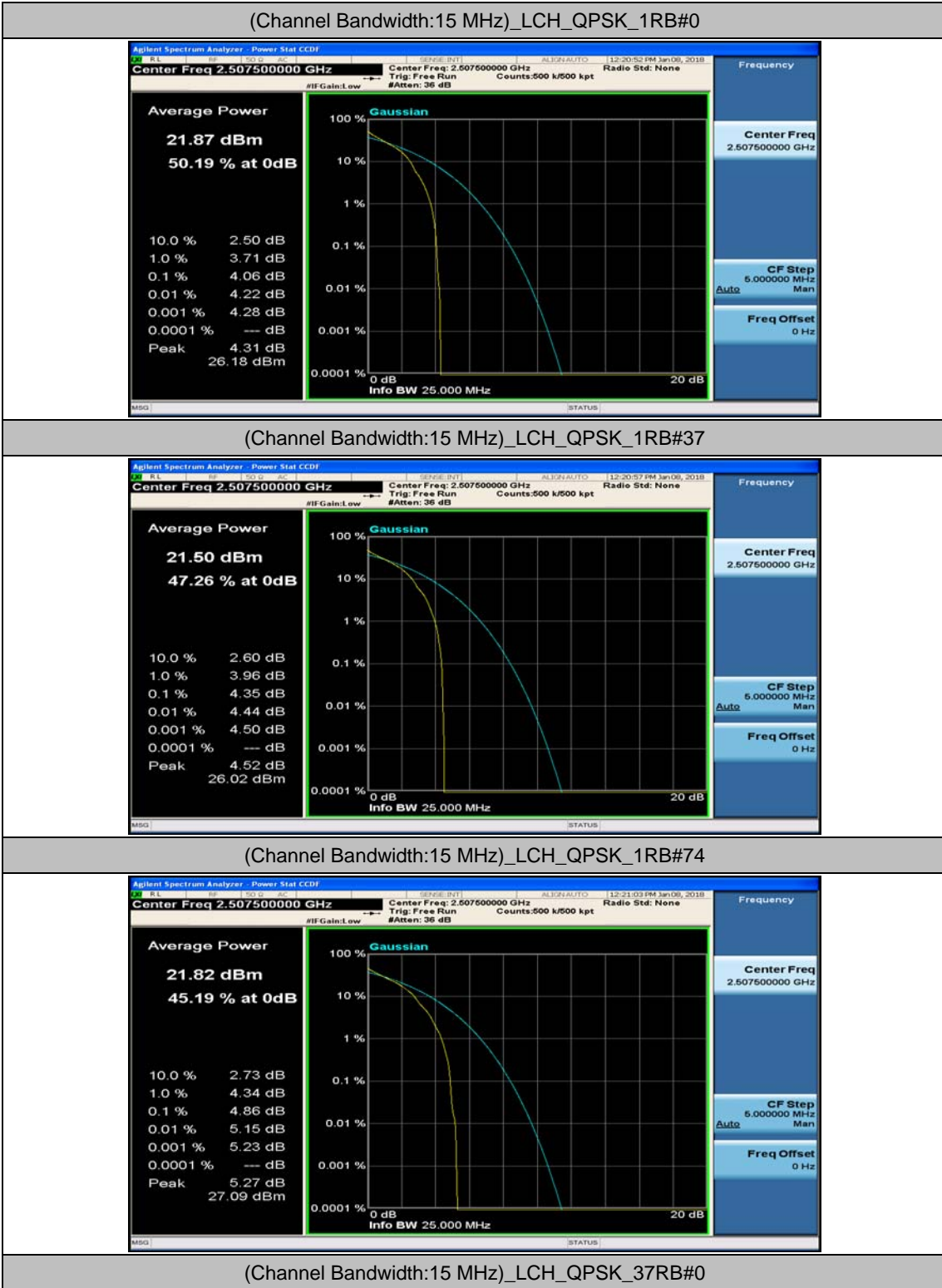
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



Channel Bandwidth: 15 MHz





(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18



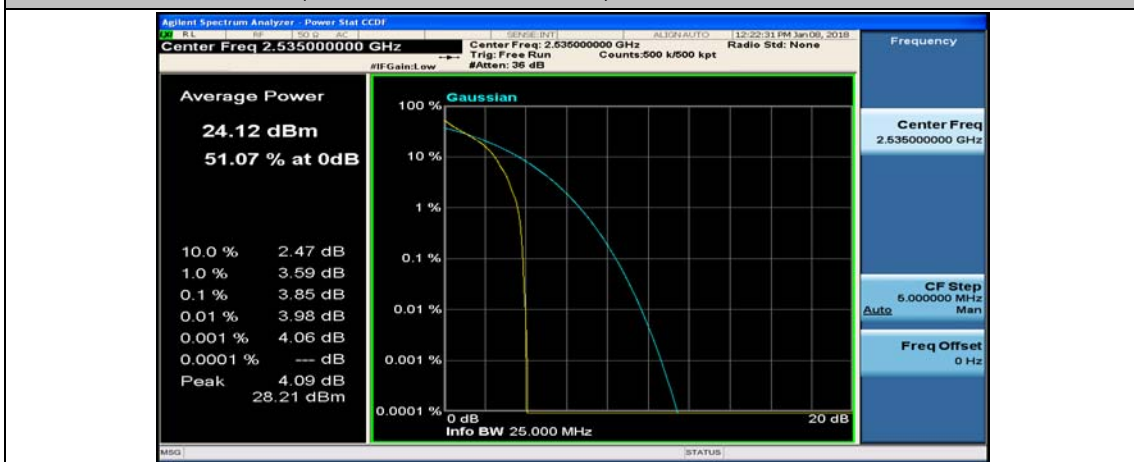
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38



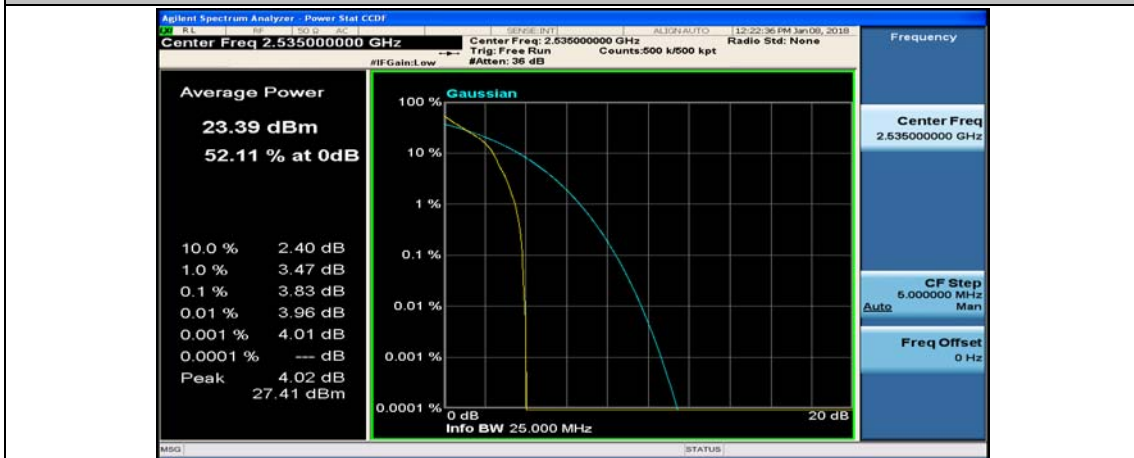
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



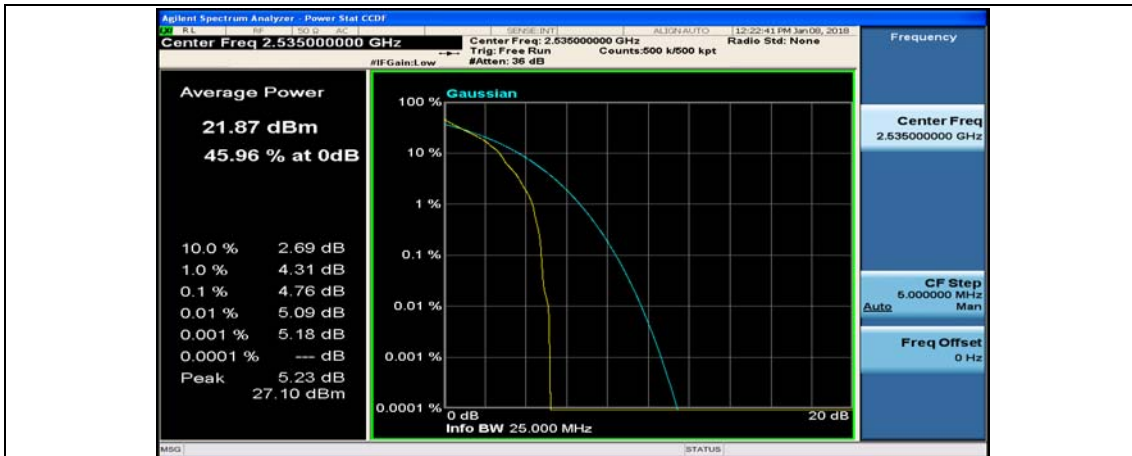
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



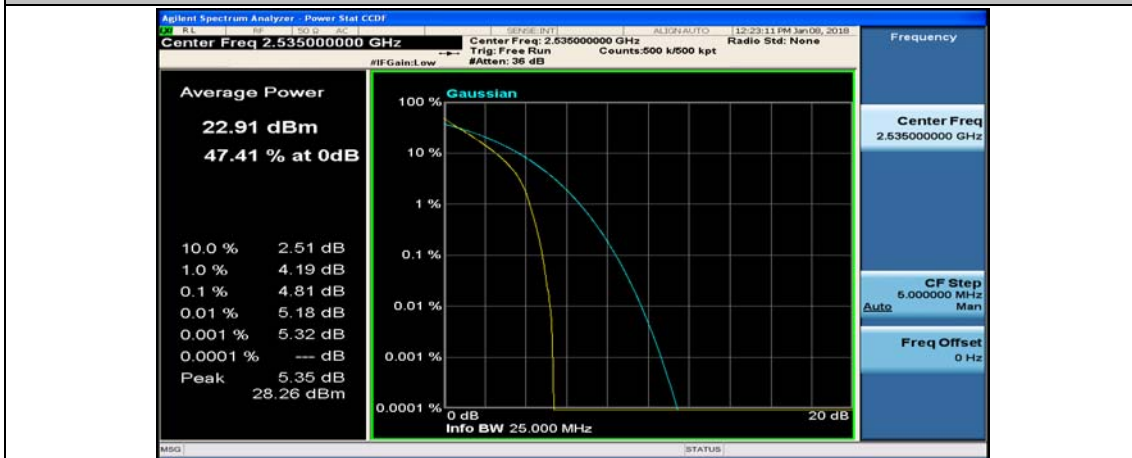
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37



(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74



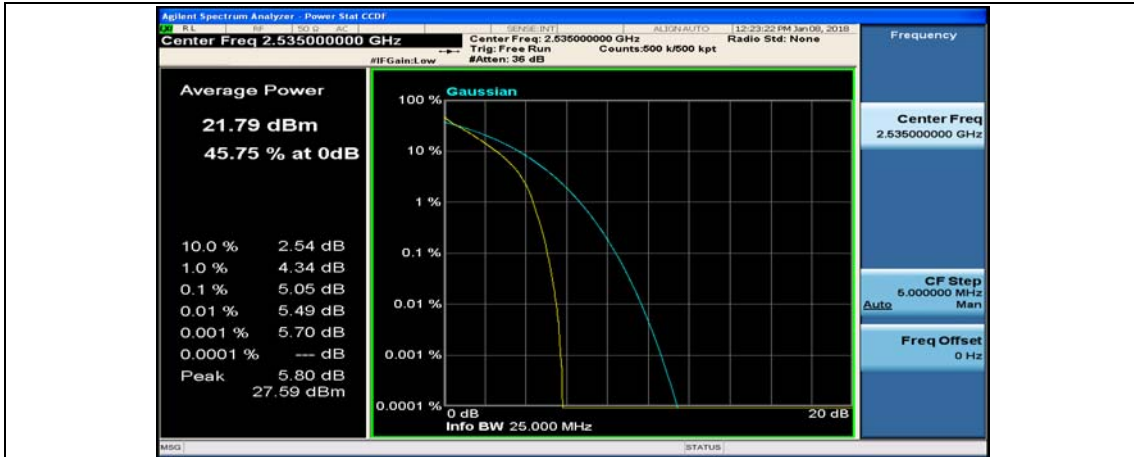
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0



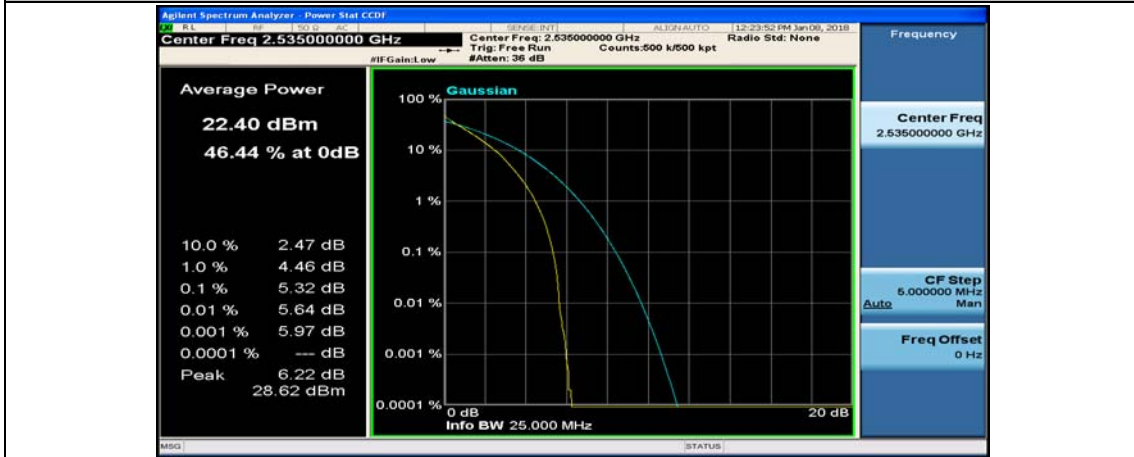
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38



(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



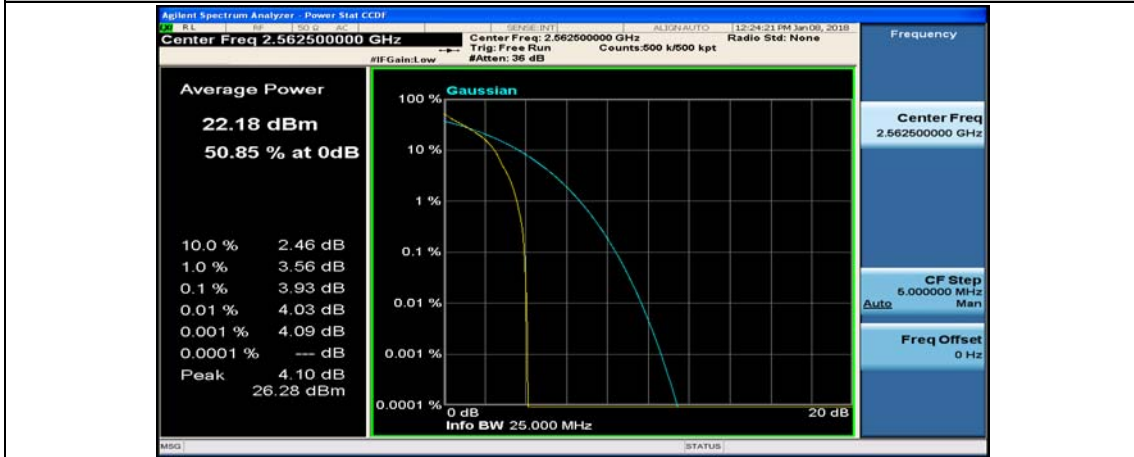
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



(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



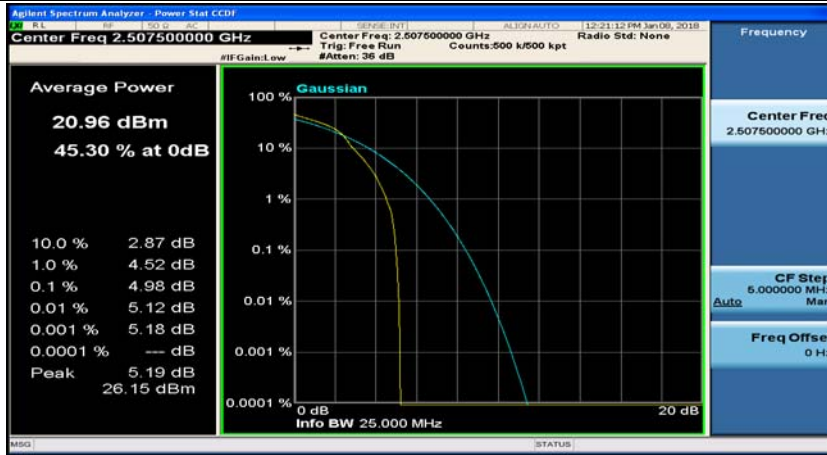
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38



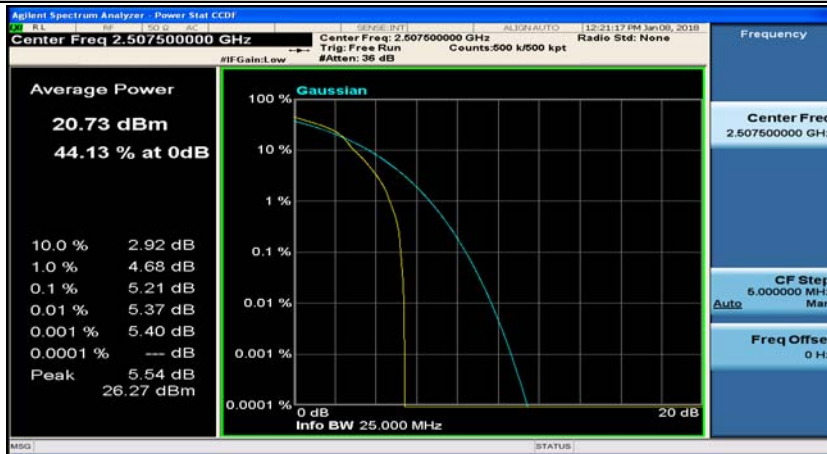
(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



(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



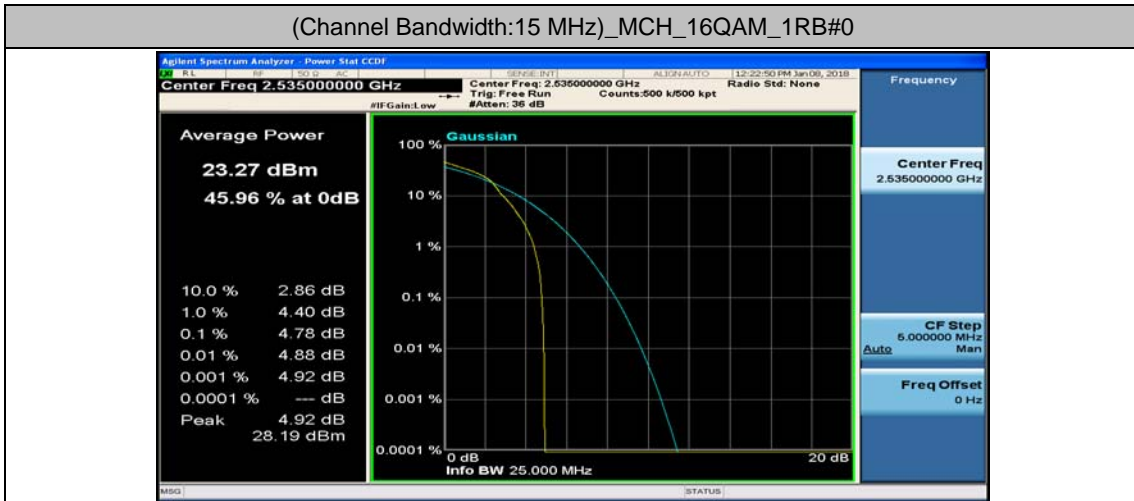
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38



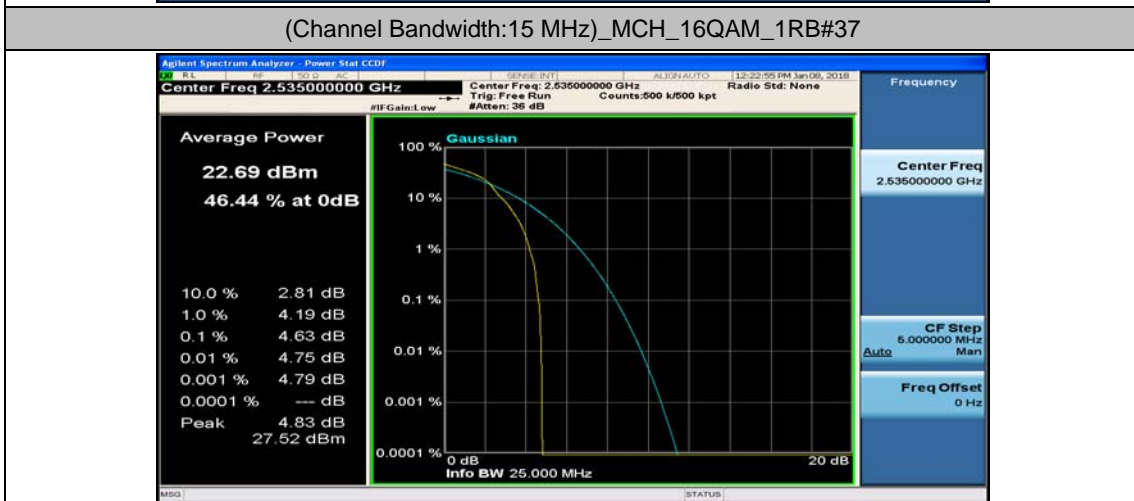
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



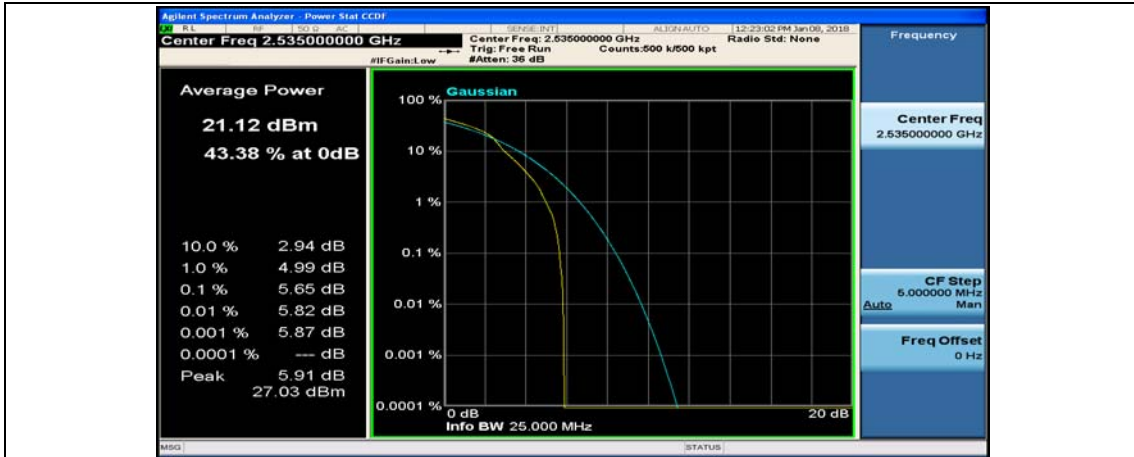
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0



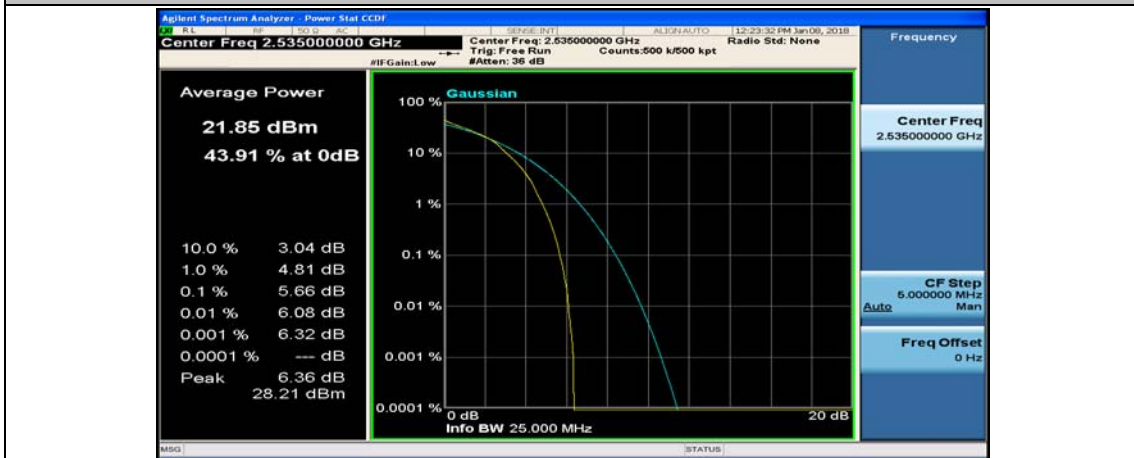
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37



(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0



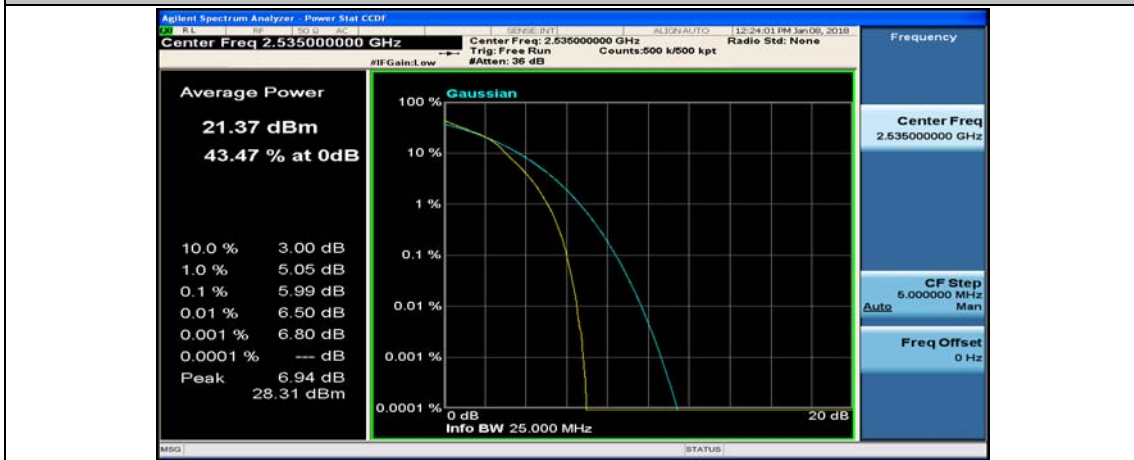
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18



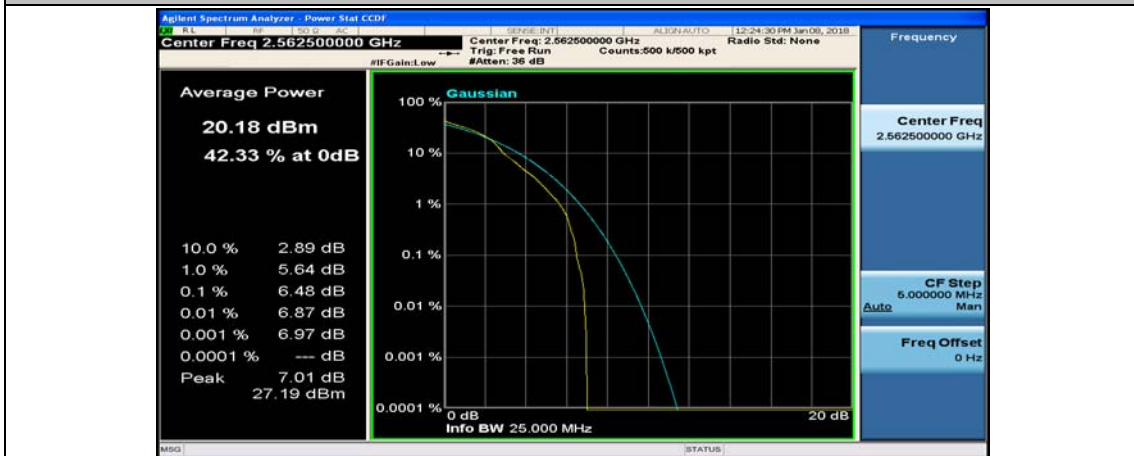
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38



(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37