

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	22.70	PASS
		1	12	22.76	PASS
		1	24	22.68	PASS
		12	0	21.40	PASS
		12	6	21.53	PASS
		12	13	21.77	PASS
		25	0	21.66	PASS
	MCH	1	0	22.37	PASS
		1	12	22.10	PASS
		1	24	22.92	PASS
		12	0	20.97	PASS
		12	6	20.99	PASS
		12	13	21.29	PASS
		25	0	21.07	PASS
	HCH	1	0	22.41	PASS
		1	12	22.15	PASS
		1	24	22.87	PASS
		12	0	21.01	PASS
		12	6	21.04	PASS
		12	13	21.37	PASS
		25	0	21.11	PASS
16QAM	LCH	1	0	21.83	PASS
		1	12	21.93	PASS
		1	24	21.93	PASS
		12	0	20.96	PASS
		12	6	20.67	PASS
		12	13	20.87	PASS
		25	0	20.69	PASS
	MCH	1	0	21.63	PASS
		1	12	21.37	PASS
		1	24	21.51	PASS
		12	0	20.91	PASS
		12	6	20.95	PASS

		12	13	20.56	PASS
		25	0	20.84	PASS
	HCH	1	0	21.53	PASS
		1	12	21.28	PASS
		1	24	21.17	PASS
		12	0	20.53	PASS
		12	6	20.66	PASS
		12	13	20.96	PASS
		25	0	20.74	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.52	PASS
		1	24	22.61	PASS
		1	49	22.62	PASS
		25	0	21.23	PASS
		25	12	21.75	PASS
		25	25	21.74	PASS
		50	0	21.72	PASS
	MCH	1	0	21.14	PASS
		1	24	21.64	PASS
		1	49	22.22	PASS
		25	0	20.70	PASS
		25	12	20.68	PASS
		25	25	21.03	PASS
		50	0	20.72	PASS
	HCH	1	0	21.56	PASS
		1	24	21.49	PASS
		1	49	21.84	PASS
		25	0	20.66	PASS
		25	12	20.98	PASS
		25	25	20.75	PASS
		50	0	20.82	PASS
16QAM	LCH	1	0	20.83	PASS
		1	24	21.94	PASS
		1	49	21.89	PASS
		25	0	20.95	PASS
		25	12	20.77	PASS
		25	25	20.73	PASS
		50	0	20.79	PASS
	MCH	1	0	20.54	PASS

		1	24	21.11	PASS
		1	49	21.63	PASS
		25	0	20.61	PASS
		25	12	20.88	PASS
		25	25	20.85	PASS
		50	0	20.95	PASS
	HCH	1	0	20.86	PASS
		1	24	20.86	PASS
		1	49	21.15	PASS
		25	0	20.65	PASS
		25	12	20.71	PASS
		25	25	20.89	PASS
		50	0	20.78	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.74	PASS
		1	37	22.74	PASS
		1	74	22.19	PASS
		37	0	21.61	PASS
		37	18	21.86	PASS
		37	38	21.81	PASS
		75	0	21.82	PASS
	MCH	1	0	21.09	PASS
		1	37	21.59	PASS
		1	74	22.84	PASS
		37	0	20.91	PASS
		37	18	20.66	PASS
		37	38	21.29	PASS
		75	0	20.81	PASS
	HCH	1	0	22.09	PASS
		1	37	21.37	PASS
		1	74	22.02	PASS
		37	0	20.80	PASS
		37	18	20.90	PASS
		37	38	20.75	PASS
		75	0	20.66	PASS
16QAM	LCH	1	0	21.05	PASS
		1	37	21.99	PASS
		1	74	21.65	PASS
		37	0	20.73	PASS

		37	18	20.80	PASS
		37	38	20.81	PASS
		75	0	20.81	PASS
	MCH	1	0	20.74	PASS
		1	37	20.99	PASS
		1	74	21.14	PASS
		37	0	20.81	PASS
		37	18	20.88	PASS
		37	38	20.51	PASS
		75	0	20.82	PASS
	HCH	1	0	21.38	PASS
		1	37	20.75	PASS
		1	74	21.34	PASS
		37	0	20.90	PASS
		37	18	20.73	PASS
		37	38	20.79	PASS
75		0	20.89	PASS	

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.80	PASS
		1	49	22.61	PASS
		1	99	21.60	PASS
		50	0	21.75	PASS
		50	25	21.78	PASS
		50	50	21.39	PASS
		100	0	21.60	PASS
	MCH	1	0	21.14	PASS
		1	49	21.60	PASS
		1	99	22.98	PASS
		50	0	21.17	PASS
		50	25	21.64	PASS
		50	50	21.93	PASS
		100	0	20.83	PASS
	HCH	1	0	22.58	PASS
		1	49	21.33	PASS
		1	99	21.80	PASS
		50	0	21.15	PASS
		50	25	20.56	PASS
		50	50	20.85	PASS
		100	0	20.82	PASS

16QAM	LCH	1	0	21.01	PASS
		1	49	21.91	PASS
		1	99	20.89	PASS
		50	0	20.76	PASS
		50	25	20.71	PASS
		50	50	20.95	PASS
		100	0	20.74	PASS
	MCH	1	0	20.58	PASS
		1	49	21.01	PASS
		1	99	21.36	PASS
		50	0	20.39	PASS
		50	25	20.86	PASS
		50	50	20.60	PASS
		100	0	20.90	PASS
	HCH	1	0	21.92	PASS
		1	49	20.76	PASS
		1	99	21.21	PASS
		50	0	20.90	PASS
		50	25	20.83	PASS
		50	50	20.63	PASS
		100	0	20.75	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	4.21	<13	PASS
		1	12	4.19	<13	PASS
		1	24	3.62	<13	PASS
		12	0	5.39	<13	PASS
		12	6	5.32	<13	PASS
		12	13	5.03	<13	PASS
		25	0	5.3	<13	PASS
	MCH	1	0	4.5	<13	PASS
		1	12	4.69	<13	PASS
		1	24	4.15	<13	PASS
		12	0	5.69	<13	PASS
		12	6	5.72	<13	PASS
		12	13	5.71	<13	PASS
		25	0	5.89	<13	PASS
	HCH	1	0	4.37	<13	PASS
		1	12	4.32	<13	PASS
		1	24	3.31	<13	PASS
		12	0	5.62	<13	PASS
		12	6	5.58	<13	PASS
		12	13	5.17	<13	PASS
		25	0	5.56	<13	PASS
16QAM	LCH	1	0	4.95	<13	PASS
		1	12	4.86	<13	PASS
		1	24	4.27	<13	PASS
		12	0	6.24	<13	PASS
		12	6	6.11	<13	PASS
		12	13	5.81	<13	PASS
		25	0	5.98	<13	PASS
	MCH	1	0	5.32	<13	PASS
		1	12	5.64	<13	PASS
		1	24	5.06	<13	PASS
		12	0	6.5	<13	PASS

		12	6	6.46	<13	PASS
		12	13	6.41	<13	PASS
		25	0	6.62	<13	PASS
	HCH	1	0	5.04	<13	PASS
		1	12	4.9	<13	PASS
		1	24	4.3	<13	PASS
		12	0	6.4	<13	PASS
		12	6	6.33	<13	PASS
		12	13	6.09	<13	PASS
		25	0	6.4	<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	4.45	<13	PASS
		1	24	3.7	<13	PASS
		1	49	3.52	<13	PASS
		25	0	5.3	<13	PASS
		25	12	4.89	<13	PASS
		25	25	4.54	<13	PASS
		50	0	4.99	<13	PASS
	MCH	1	0	4.71	<13	PASS
		1	24	4.62	<13	PASS
		1	49	4.29	<13	PASS
		25	0	5.91	<13	PASS
		25	12	5.92	<13	PASS
		25	25	5.77	<13	PASS
		50	0	5.96	<13	PASS
	HCH	1	0	4.72	<13	PASS
		1	24	4.68	<13	PASS
		1	49	3.99	<13	PASS
		25	0	5.86	<13	PASS
		25	12	5.87	<13	PASS
		25	25	5.6	<13	PASS
		50	0	5.87	<13	PASS
16QAM	LCH	1	0	5.32	<13	PASS
		1	24	4.47	<13	PASS
		1	49	4.32	<13	PASS
		25	0	6.04	<13	PASS
		25	12	5.68	<13	PASS

		25	25	5.4	<13	PASS
		50	0	5.72	<13	PASS
	MCH	1	0	5.54	<13	PASS
		1	24	5.47	<13	PASS
		1	49	5.12	<13	PASS
		25	0	6.68	<13	PASS
		25	12	6.63	<13	PASS
		25	25	6.55	<13	PASS
		50	0	6.6	<13	PASS
		HCH	1	0	5.7	<13
	1		24	5.31	<13	PASS
	1		49	4.64	<13	PASS
	25		0	6.73	<13	PASS
	25		12	6.75	<13	PASS
	25		25	6.51	<13	PASS
	50		0	6.63	<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	4.25	<13	PASS
		1	37	3.4	<13	PASS
		1	74	3.54	<13	PASS
		37	0	5	<13	PASS
		37	18	4.53	<13	PASS
		37	38	4.37	<13	PASS
		75	0	5.03	<13	PASS
		MCH	1	0	4.85	<13
	1		37	4.67	<13	PASS
	1		74	3.85	<13	PASS
	37		0	5.85	<13	PASS
	37		18	5.84	<13	PASS
	37		38	5.58	<13	PASS
	75		0	6.06	<13	PASS
	HCH		1	0	4.14	<13
		1	37	4.8	<13	PASS
		1	74	3.66	<13	PASS
		37	0	5.64	<13	PASS
		37	18	5.89	<13	PASS
		37	38	5.78	<13	PASS

		75	0	6.07	<13	PASS
16QAM	LCH	1	0	4.85	<13	PASS
		1	37	4.04	<13	PASS
		1	74	4.23	<13	PASS
		37	0	5.77	<13	PASS
		37	18	5.38	<13	PASS
		37	38	5.1	<13	PASS
		75	0	5.66	<13	PASS
	MCH	1	0	5.49	<13	PASS
		1	37	5.59	<13	PASS
		1	74	4.61	<13	PASS
		37	0	6.63	<13	PASS
		37	18	6.64	<13	PASS
		37	38	6.38	<13	PASS
		75	0	6.55	<13	PASS
	HCH	1	0	5.04	<13	PASS
		1	37	5.36	<13	PASS
		1	74	4.49	<13	PASS
		37	0	6.32	<13	PASS
		37	18	6.54	<13	PASS
		37	38	6.48	<13	PASS
		75	0	6.57	<13	PASS

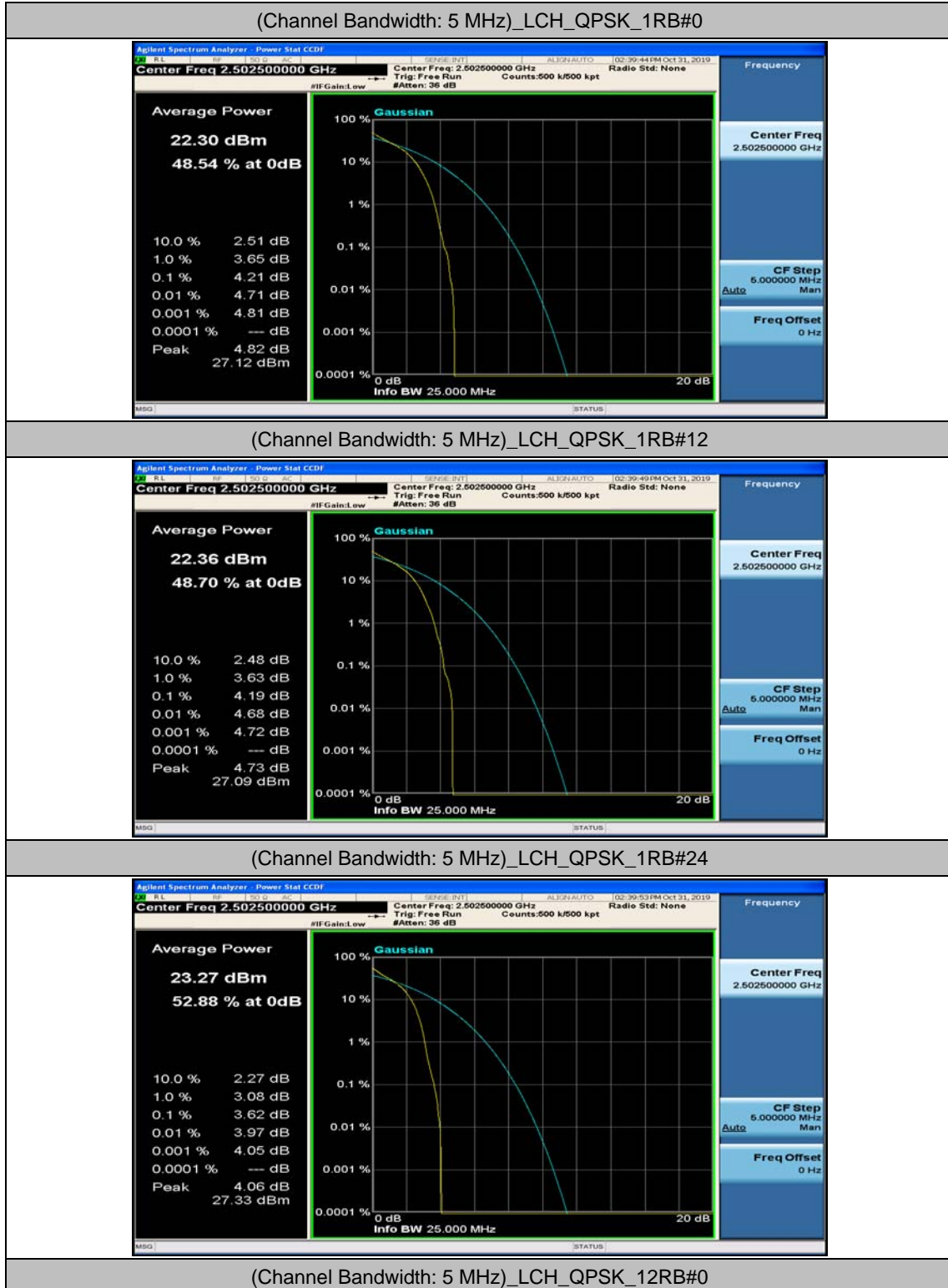
Channel Bandwidth: 20 MHz

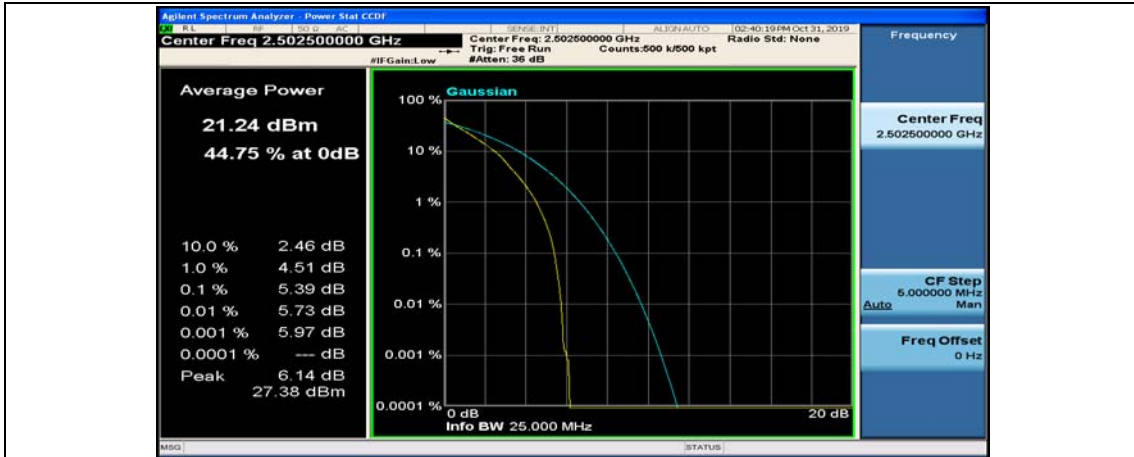
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.12	<13	PASS
		1	49	3.37	<13	PASS
		1	99	4.15	<13	PASS
		50	0	4.84	<13	PASS
		50	25	4.46	<13	PASS
		50	50	4.7	<13	PASS
		100	0	5.03	<13	PASS
	MCH	1	0	4.7	<13	PASS
		1	49	4.67	<13	PASS
		1	99	3.76	<13	PASS
		50	0	5.88	<13	PASS
		50	25	5.87	<13	PASS
		50	50	5.51	<13	PASS
		100	0	5.78	<13	PASS

	HCH	1	0	3.64	<13	PASS
		1	49	4.59	<13	PASS
		1	99	3.89	<13	PASS
		50	0	5.33	<13	PASS
		50	25	5.81	<13	PASS
		50	50	5.88	<13	PASS
		100	0	5.73	<13	PASS
16QAM	LCH	1	0	5.08	<13	PASS
		1	49	4.07	<13	PASS
		1	99	4.86	<13	PASS
		50	0	5.61	<13	PASS
		50	25	5.24	<13	PASS
		50	50	5.35	<13	PASS
		100	0	5.73	<13	PASS
	MCH	1	0	5.35	<13	PASS
		1	49	5.44	<13	PASS
		1	99	4.38	<13	PASS
		50	0	6.54	<13	PASS
		50	25	6.61	<13	PASS
		50	50	6.26	<13	PASS
		100	0	6.42	<13	PASS
	HCH	1	0	4.37	<13	PASS
		1	49	5.7	<13	PASS
		1	99	4.77	<13	PASS
		50	0	5.99	<13	PASS
		50	25	6.5	<13	PASS
		50	50	6.62	<13	PASS
		100	0	6.45	<13	PASS

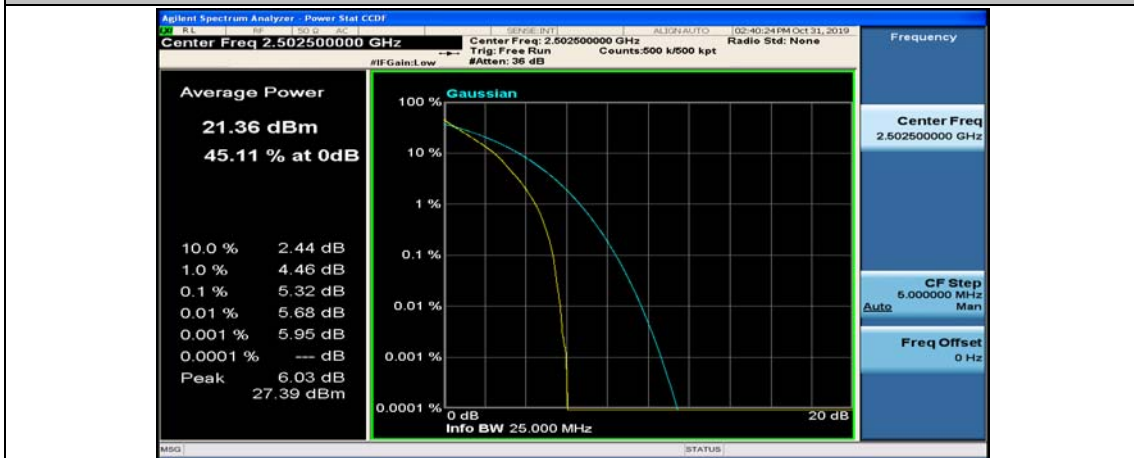
Test Graphs

Channel Bandwidth: 5 MHz





(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



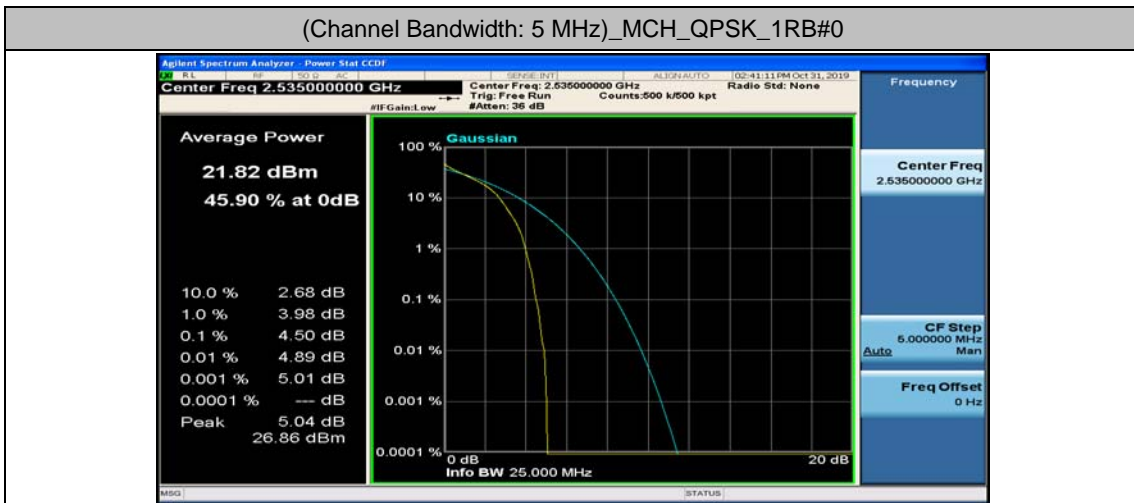
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



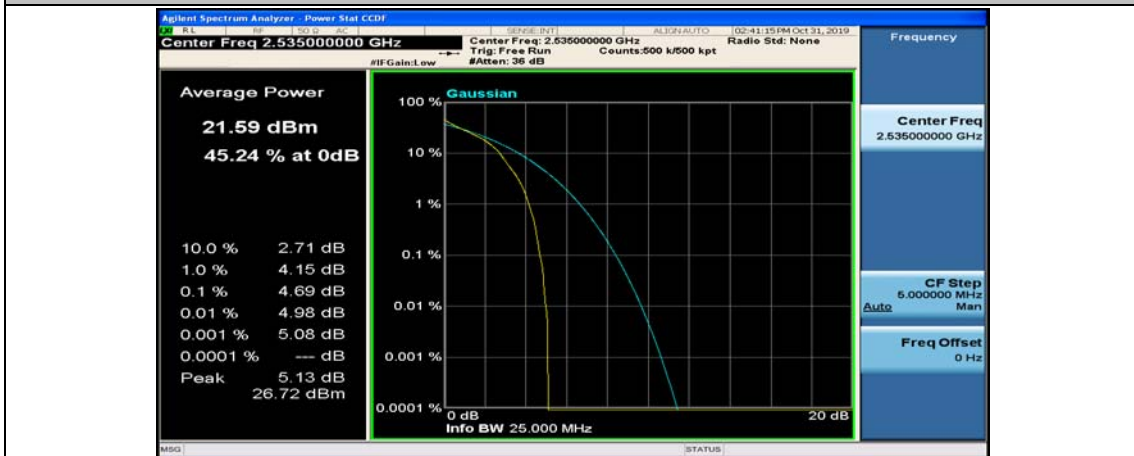
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



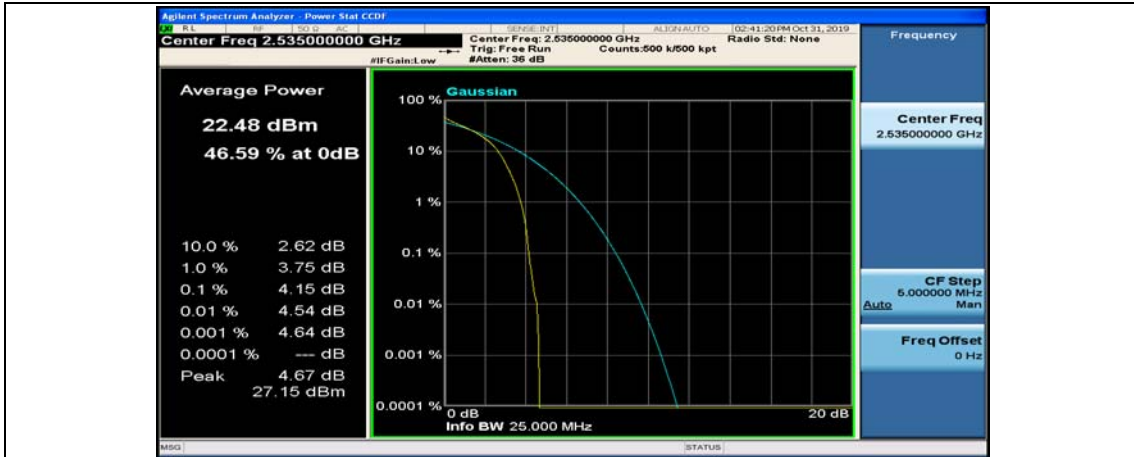
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



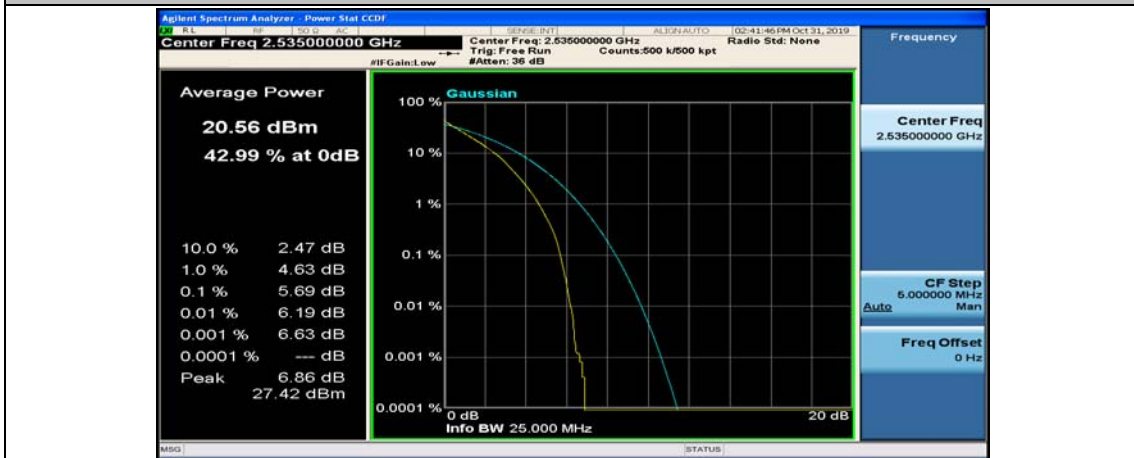
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



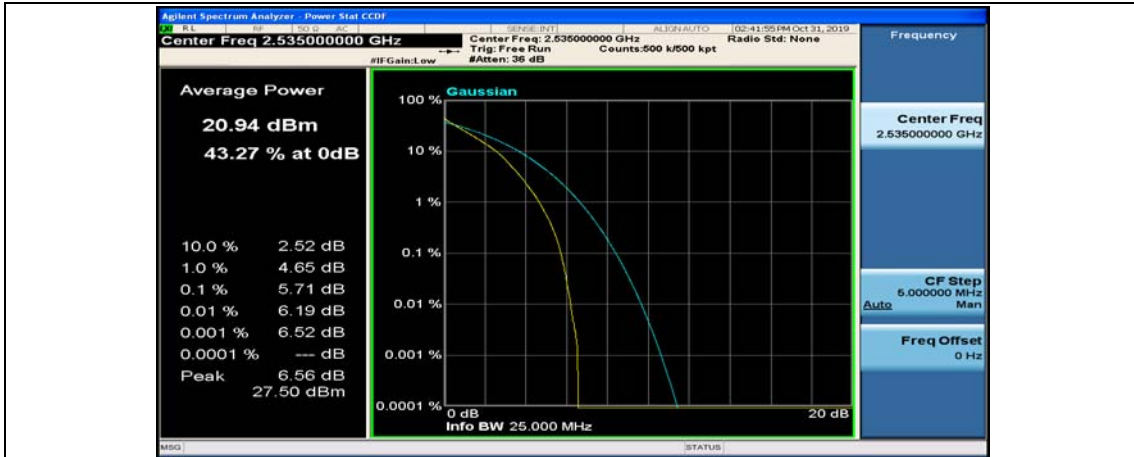
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



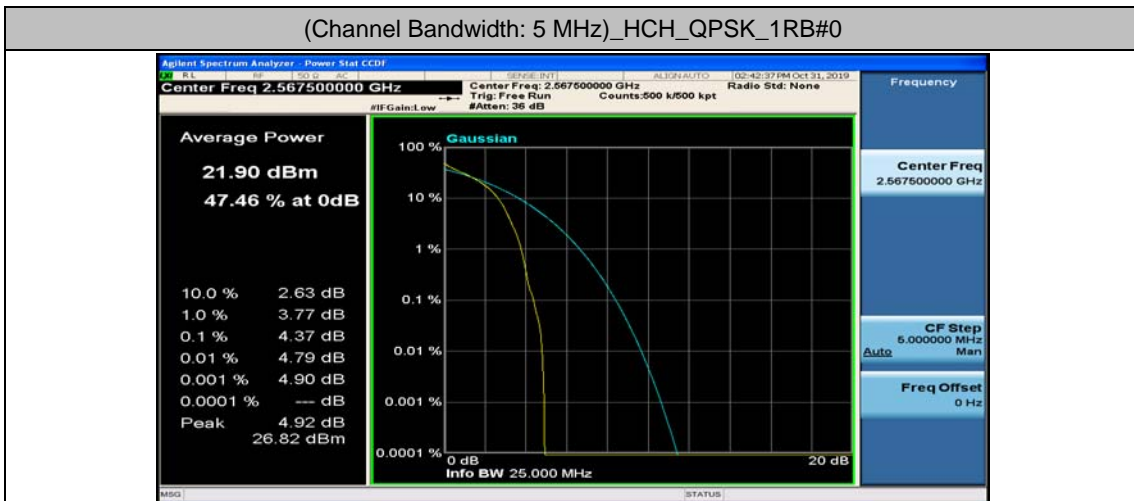
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(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



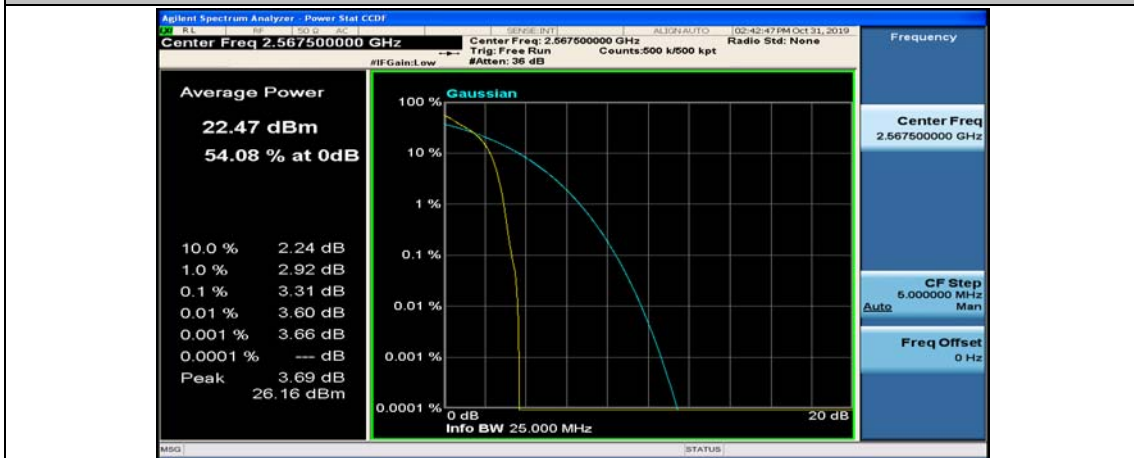
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



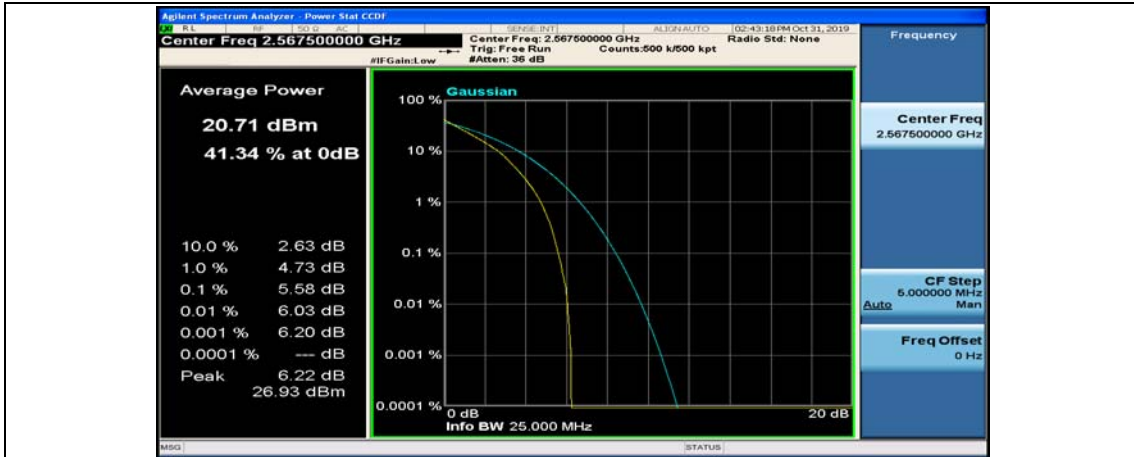
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



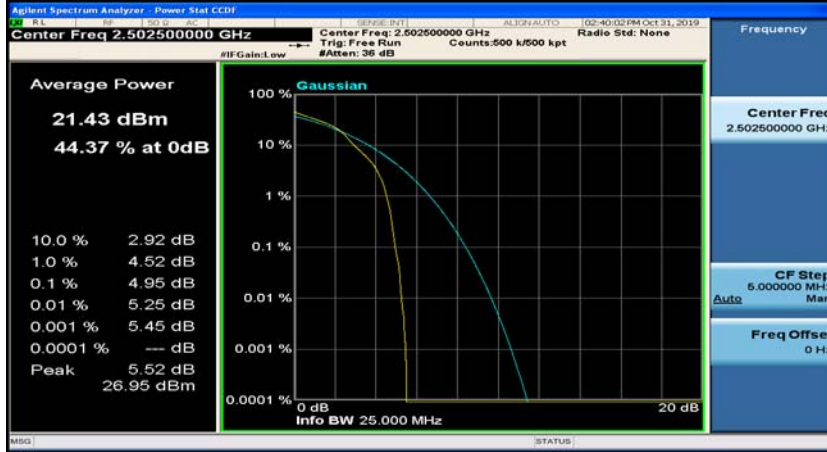
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



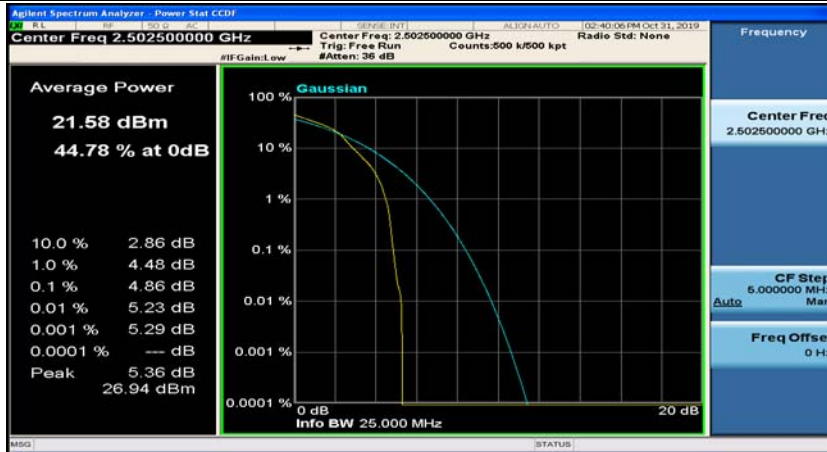
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



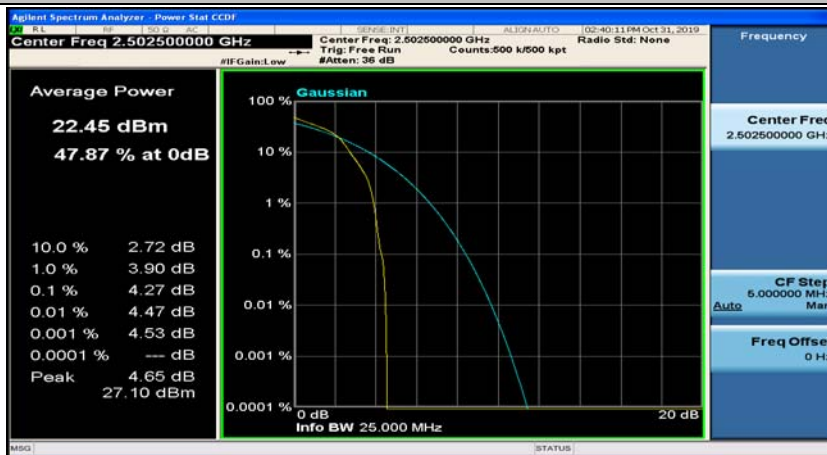
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



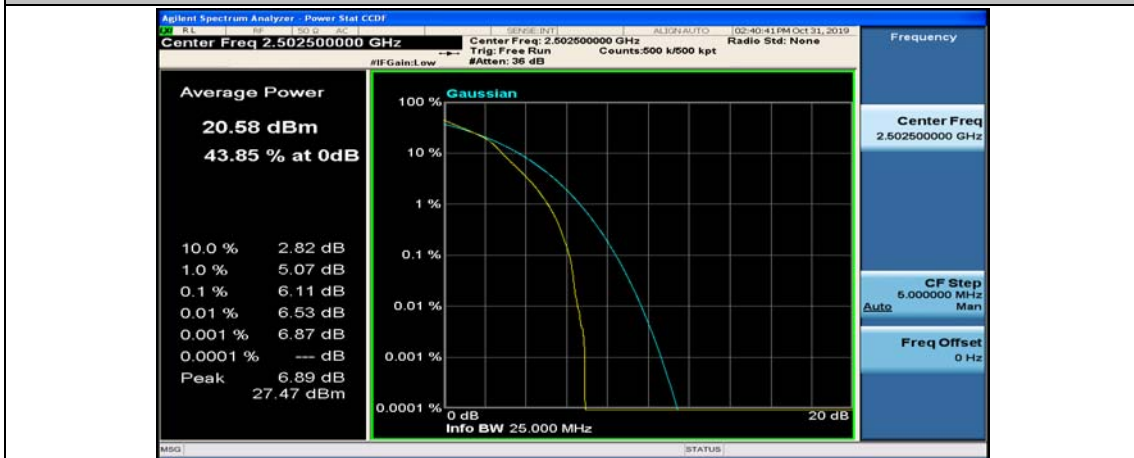
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



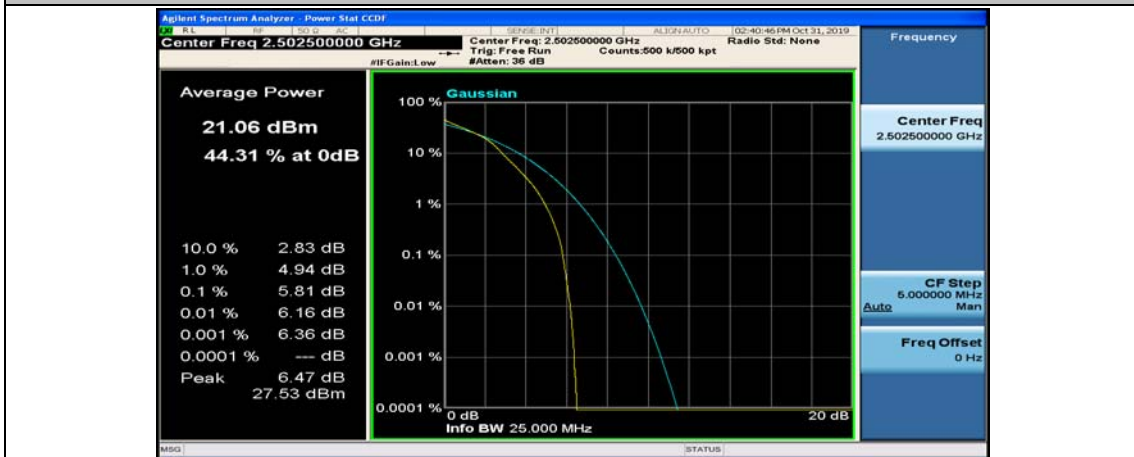
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



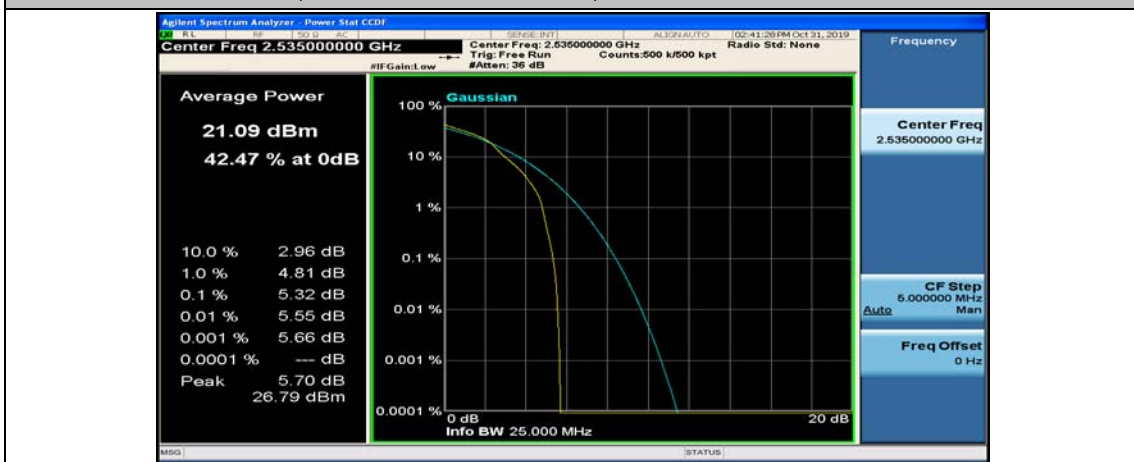
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



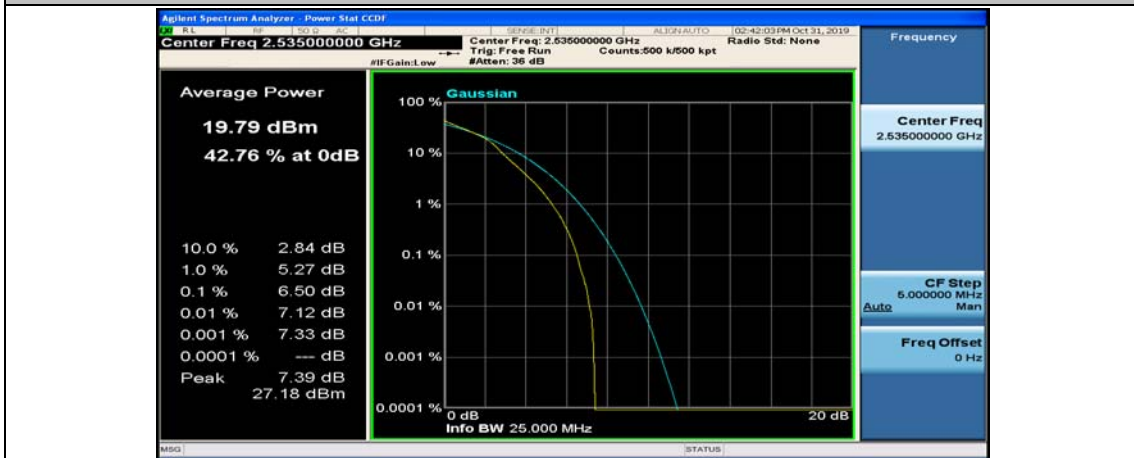
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



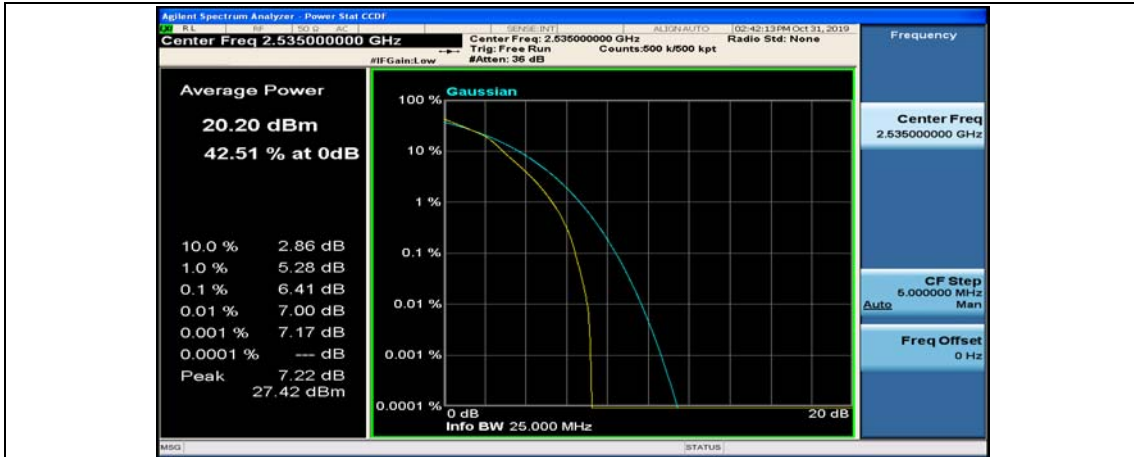
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



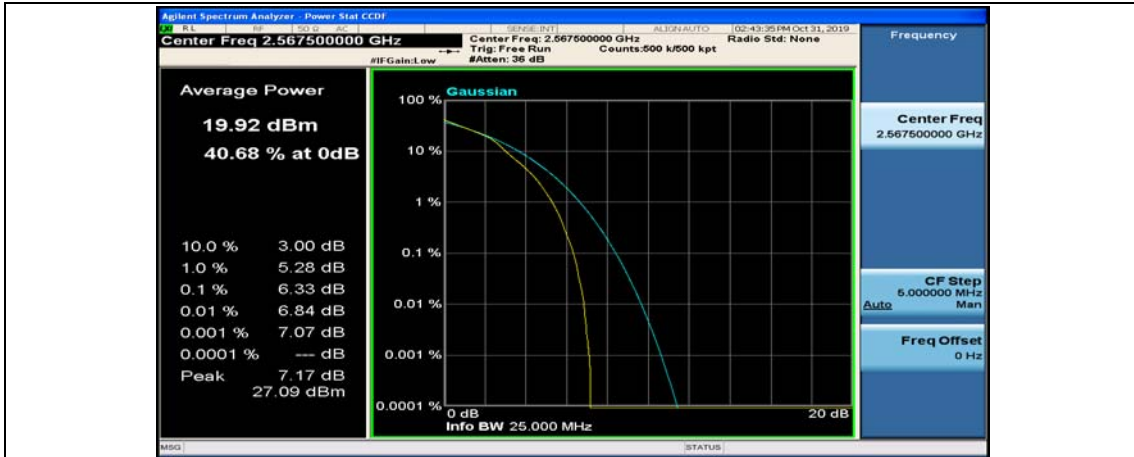
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



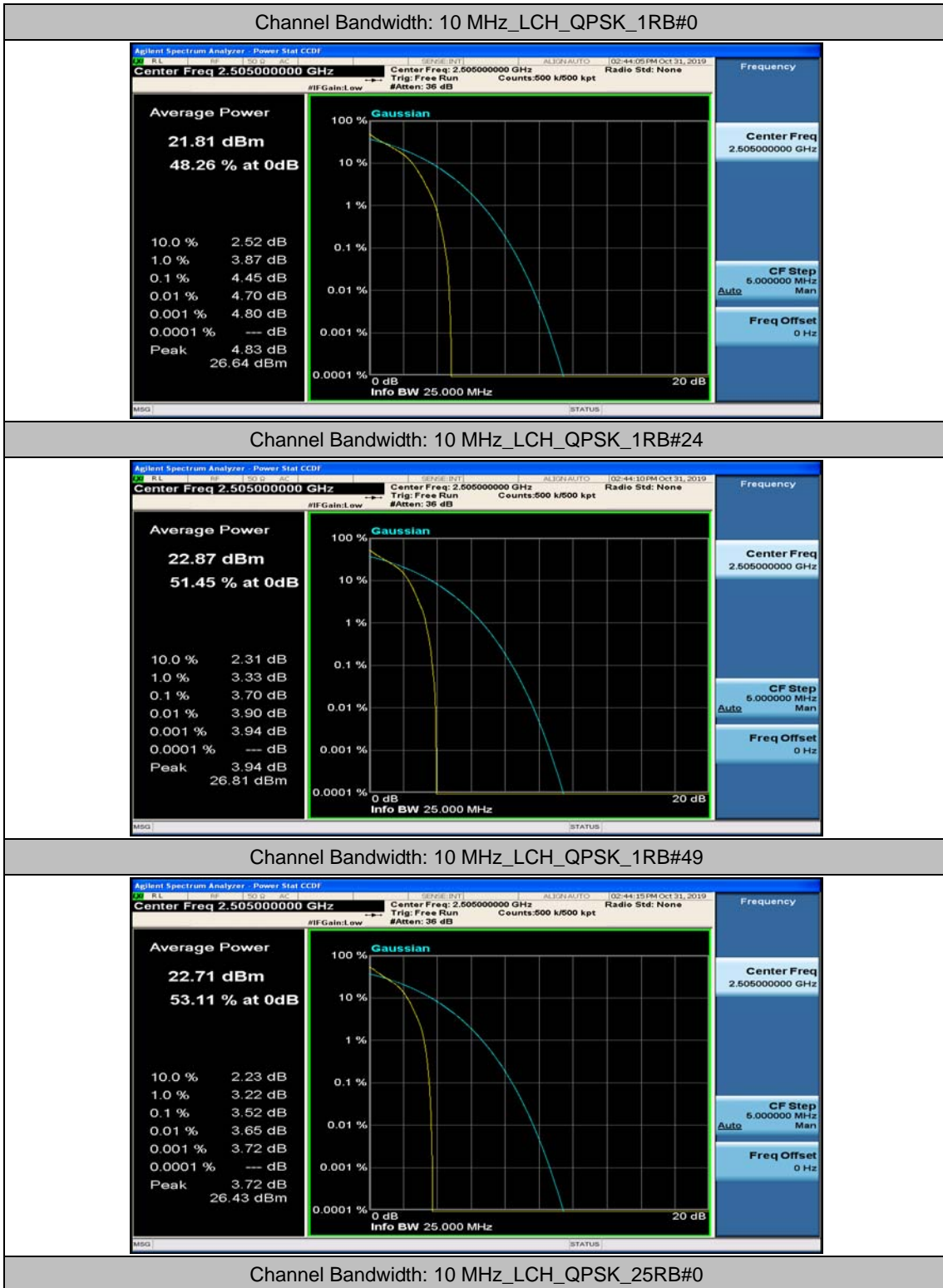
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

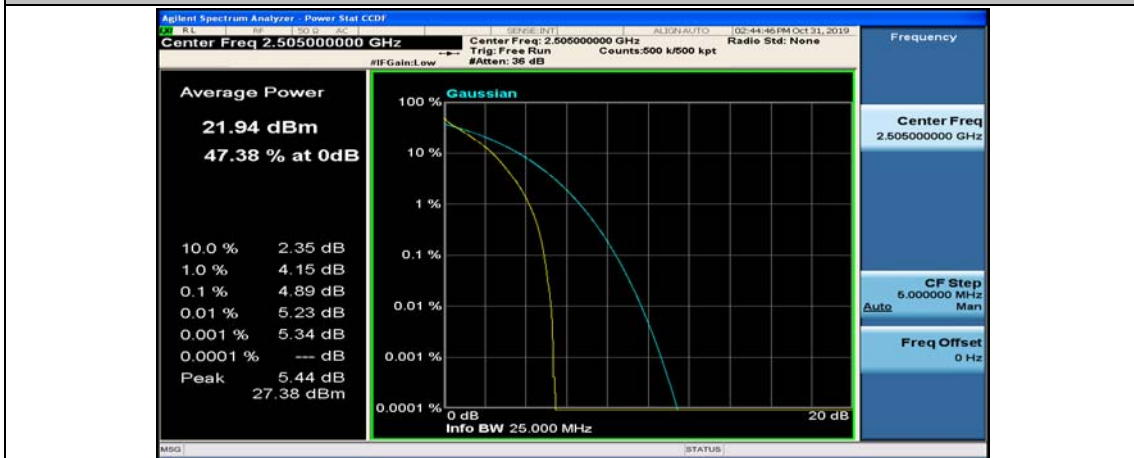


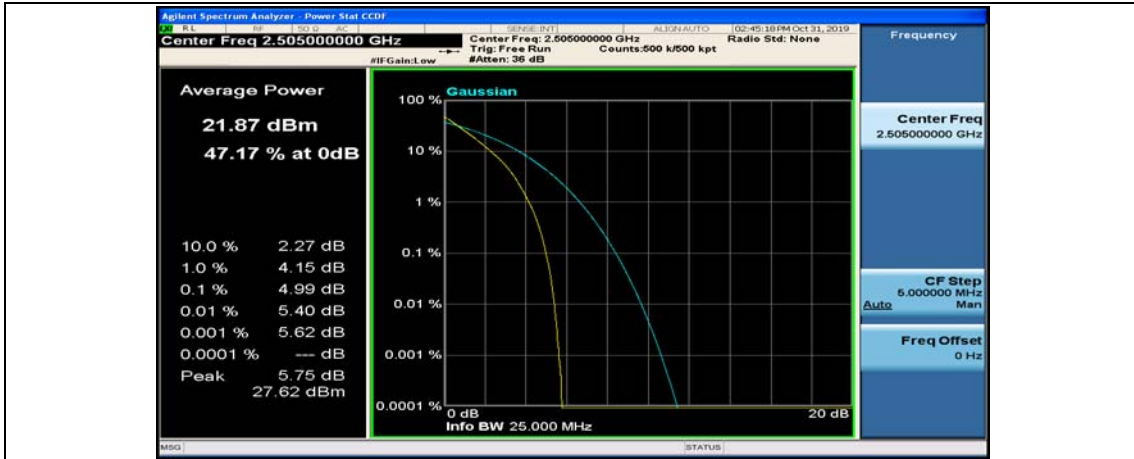
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



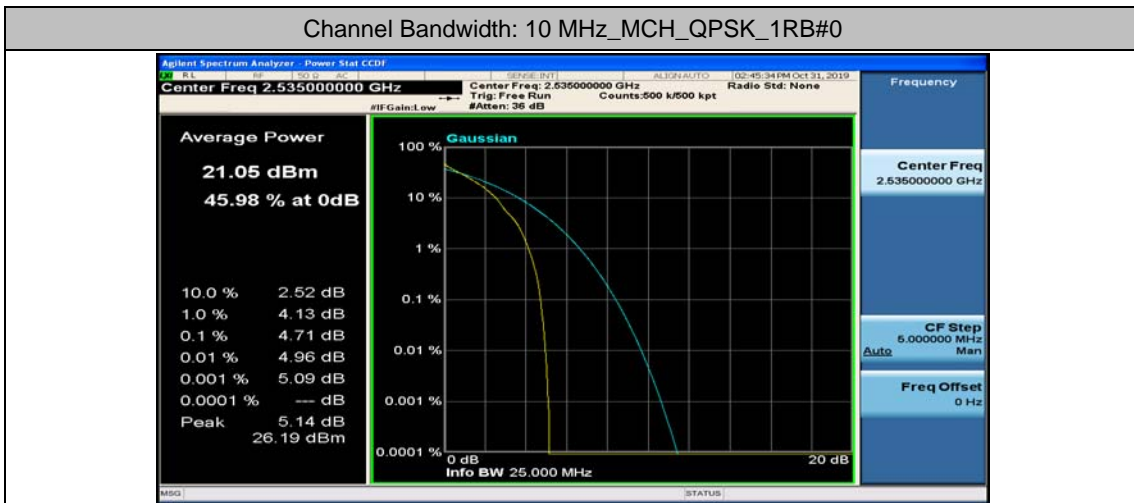
Channel Bandwidth: 10 MHz







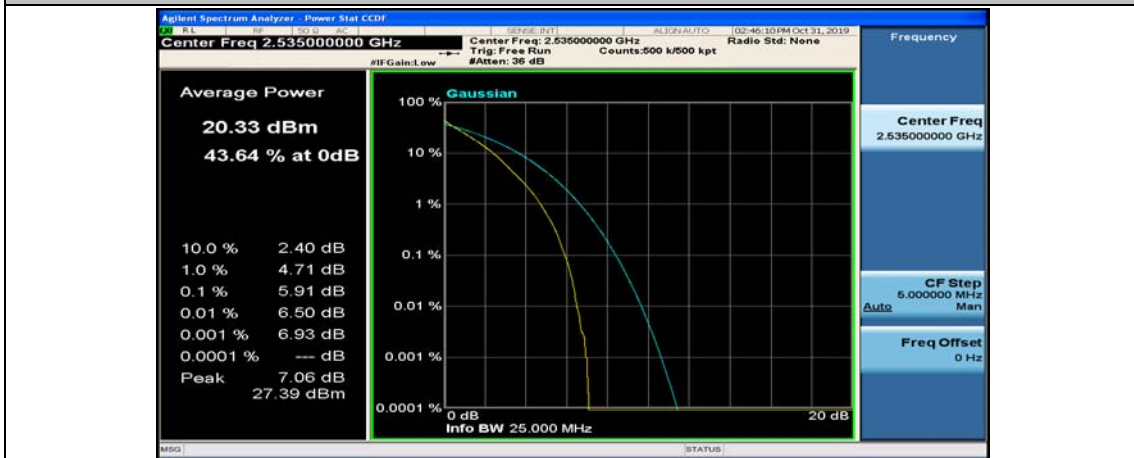
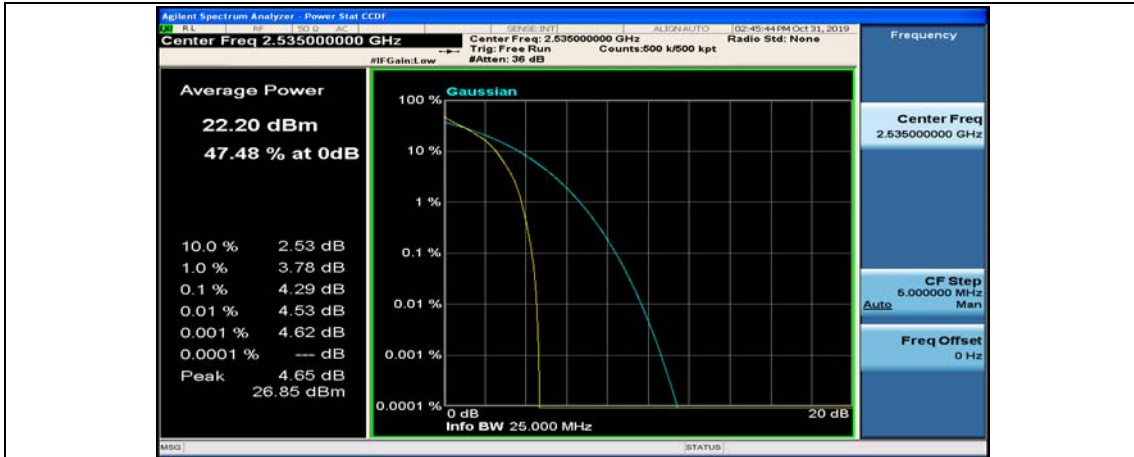
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

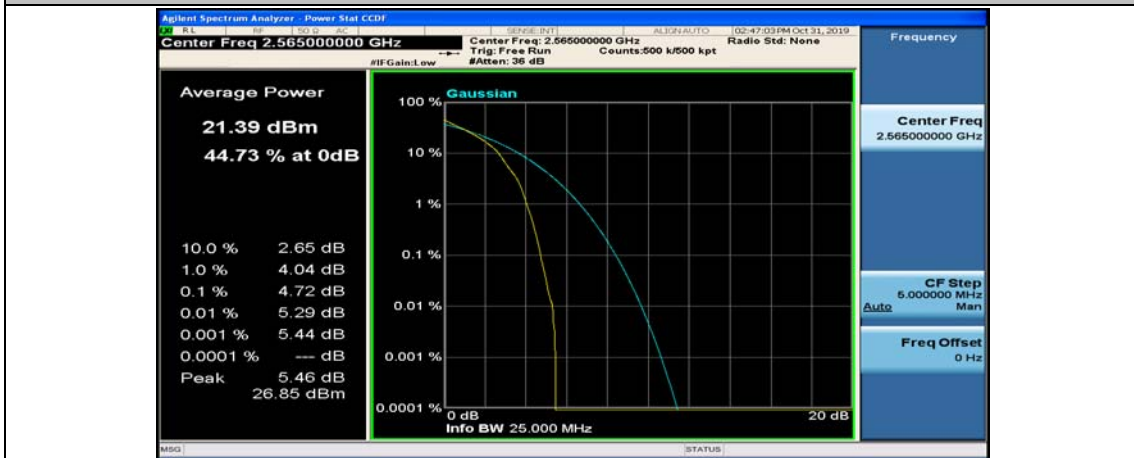




Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24





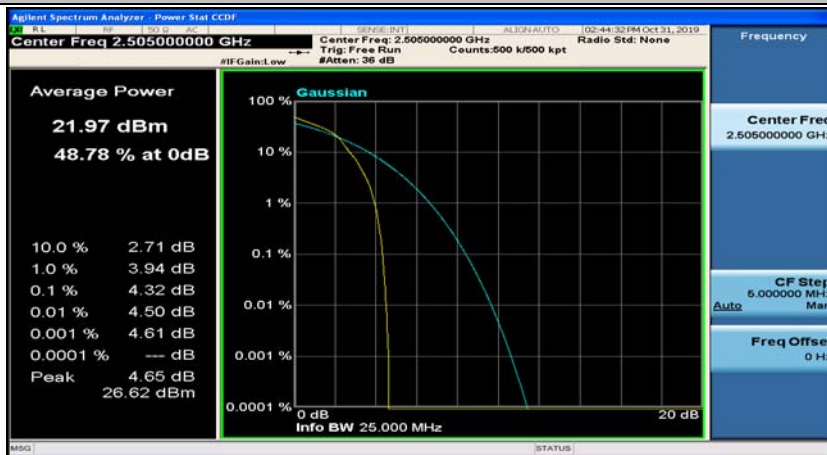
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



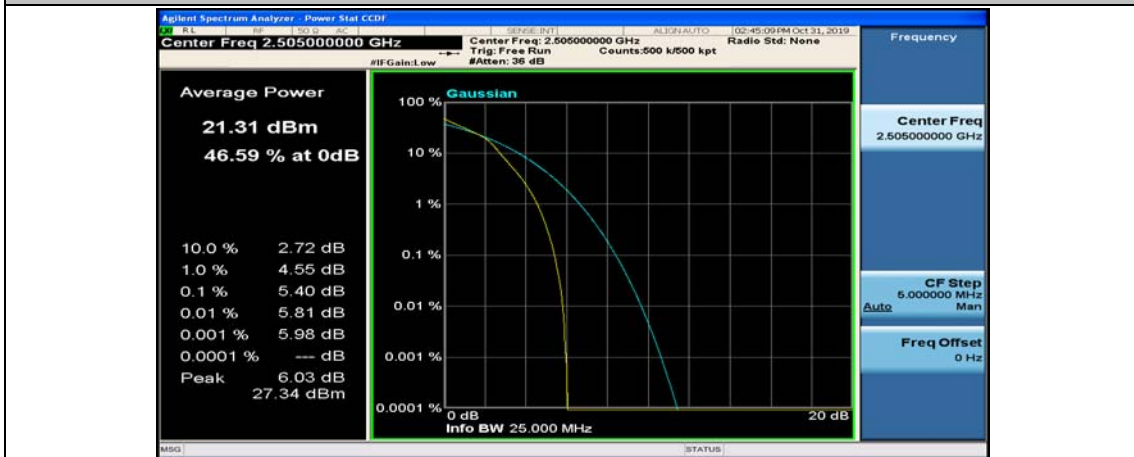
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

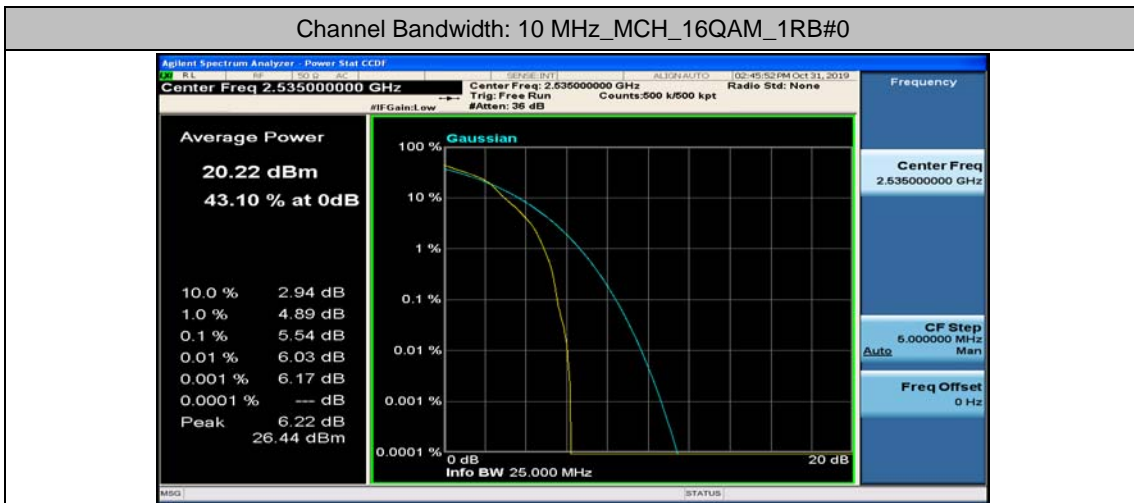


Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0

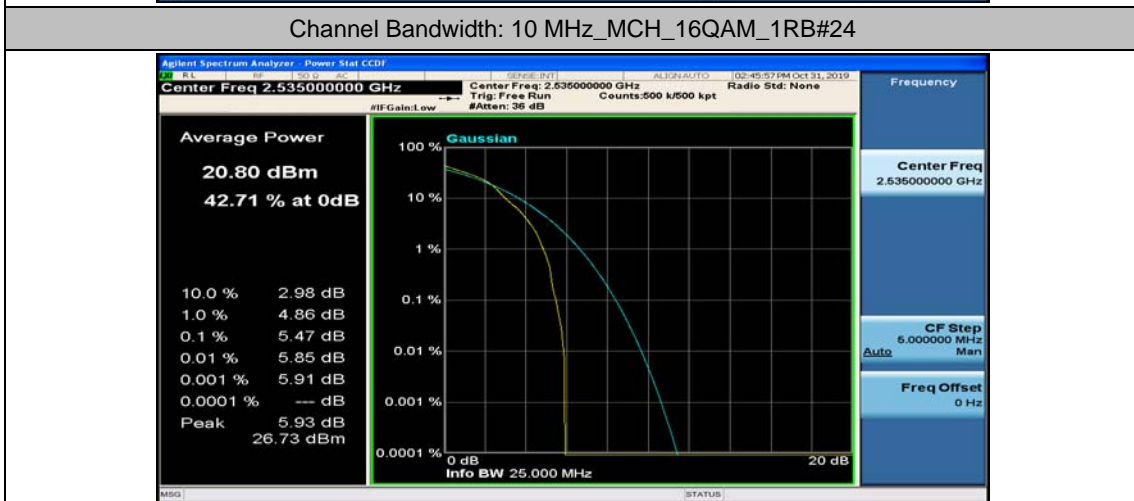




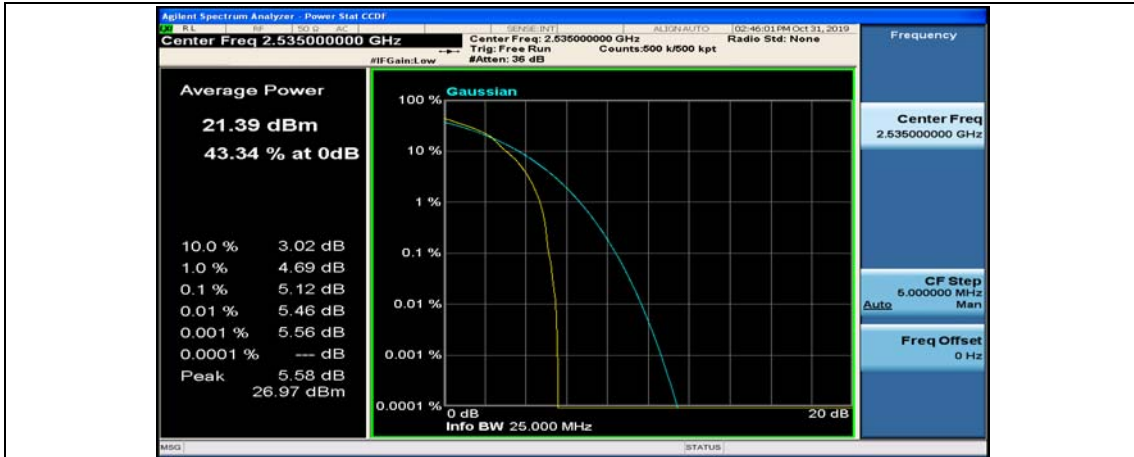
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



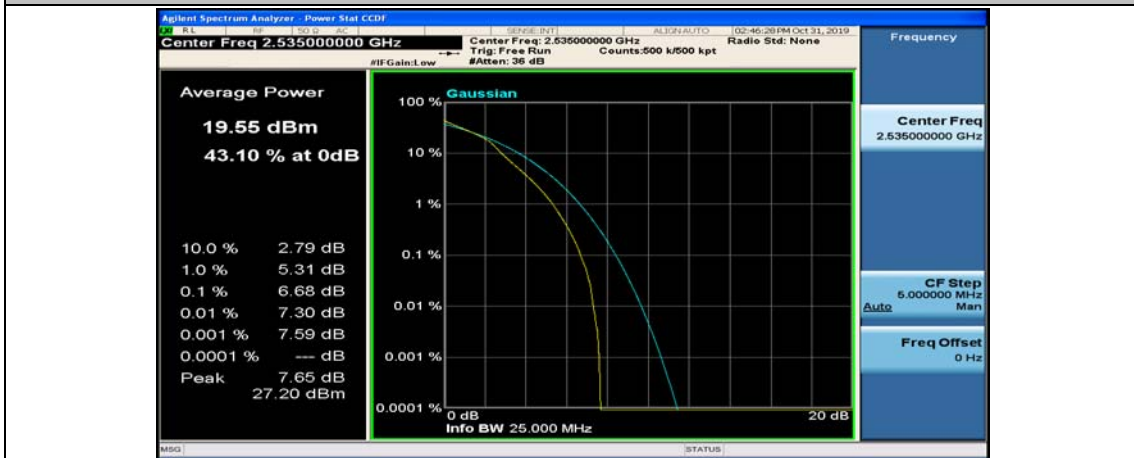
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



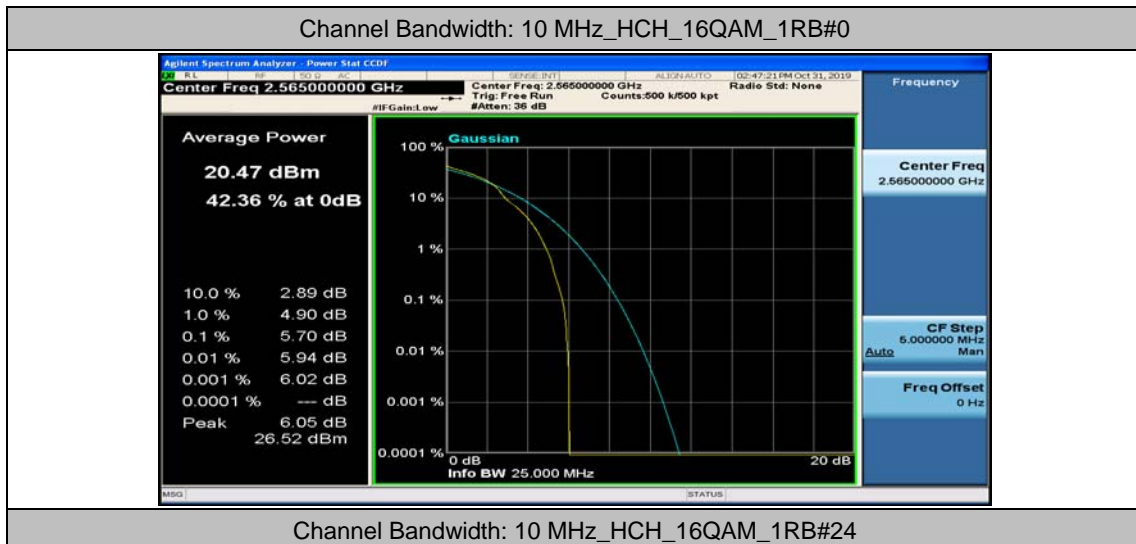
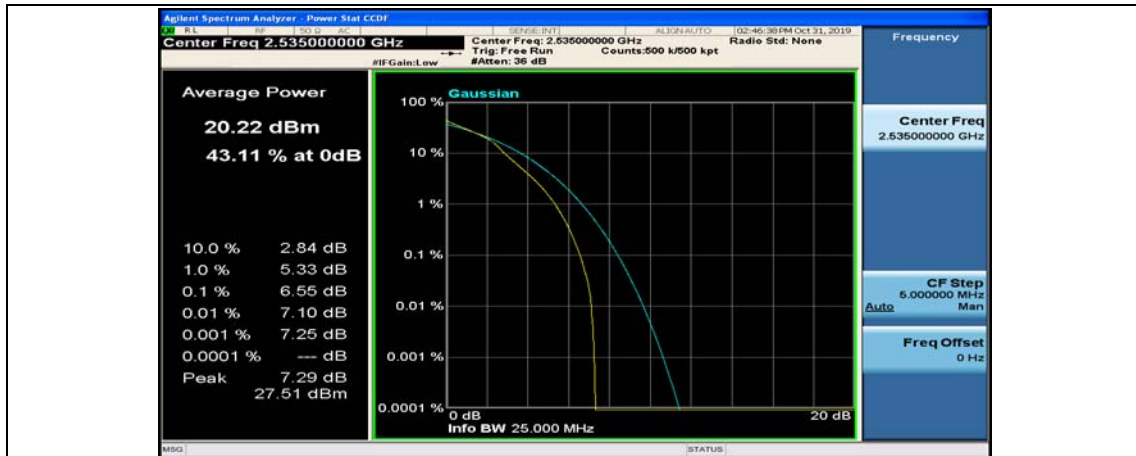
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0

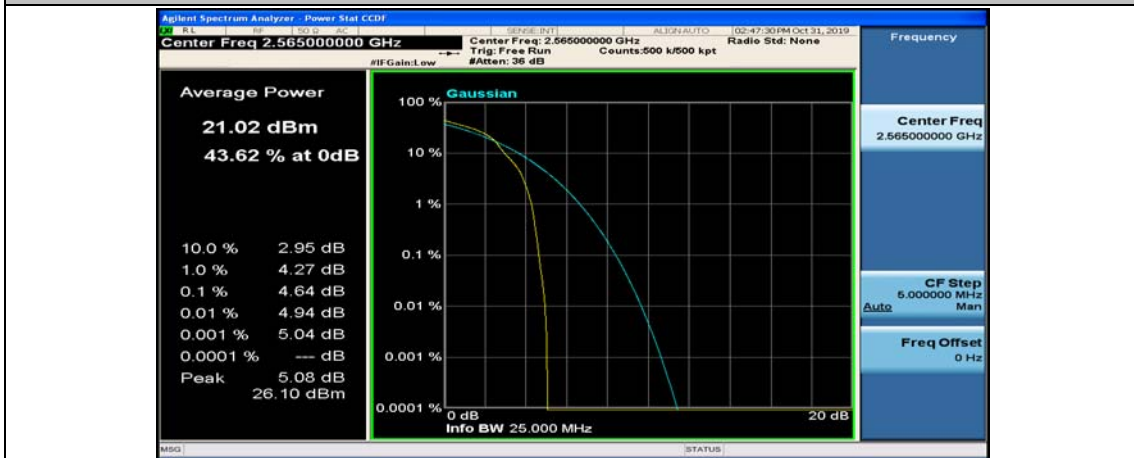


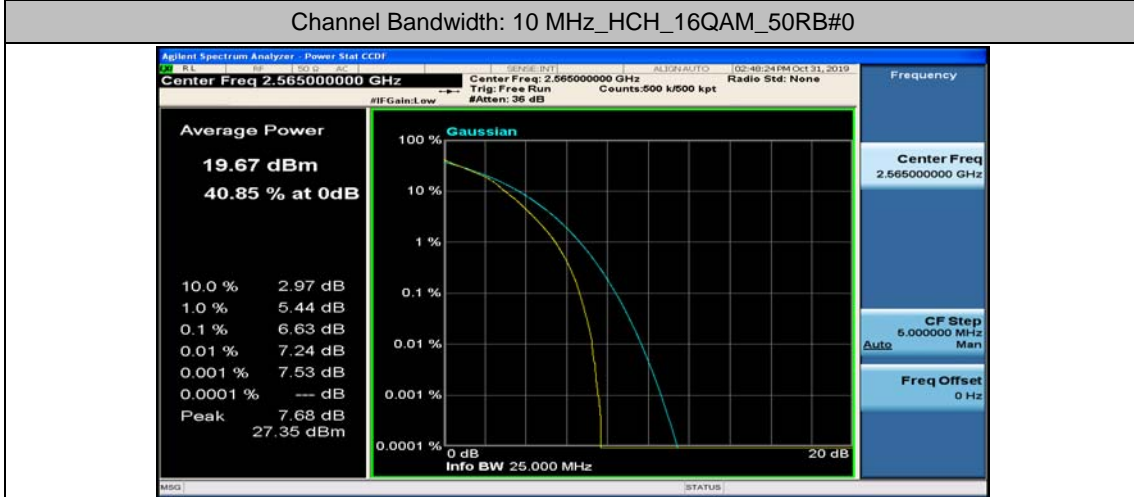
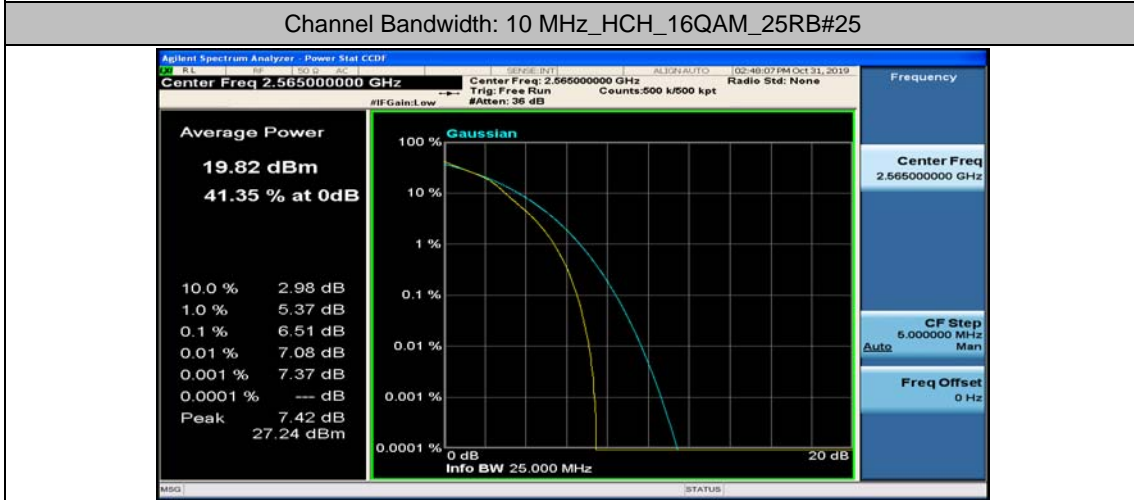
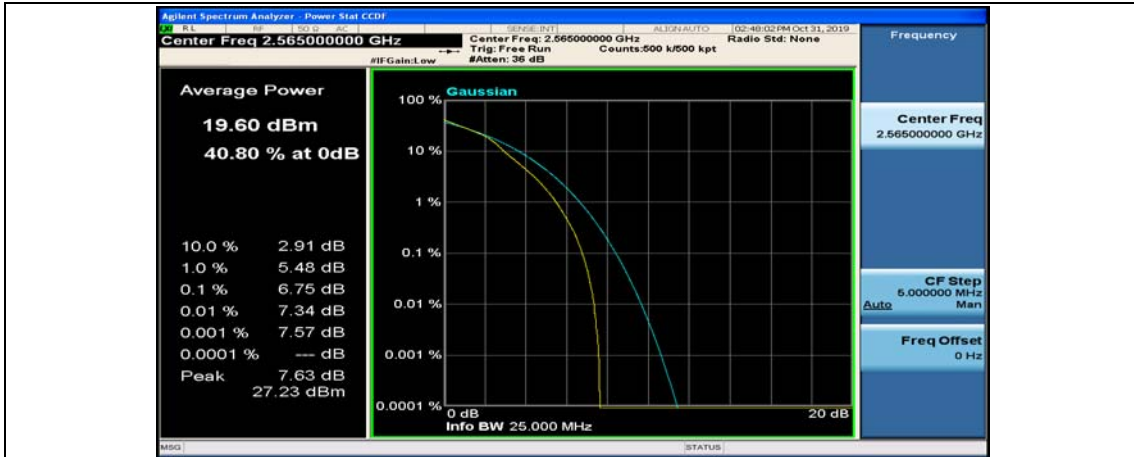
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



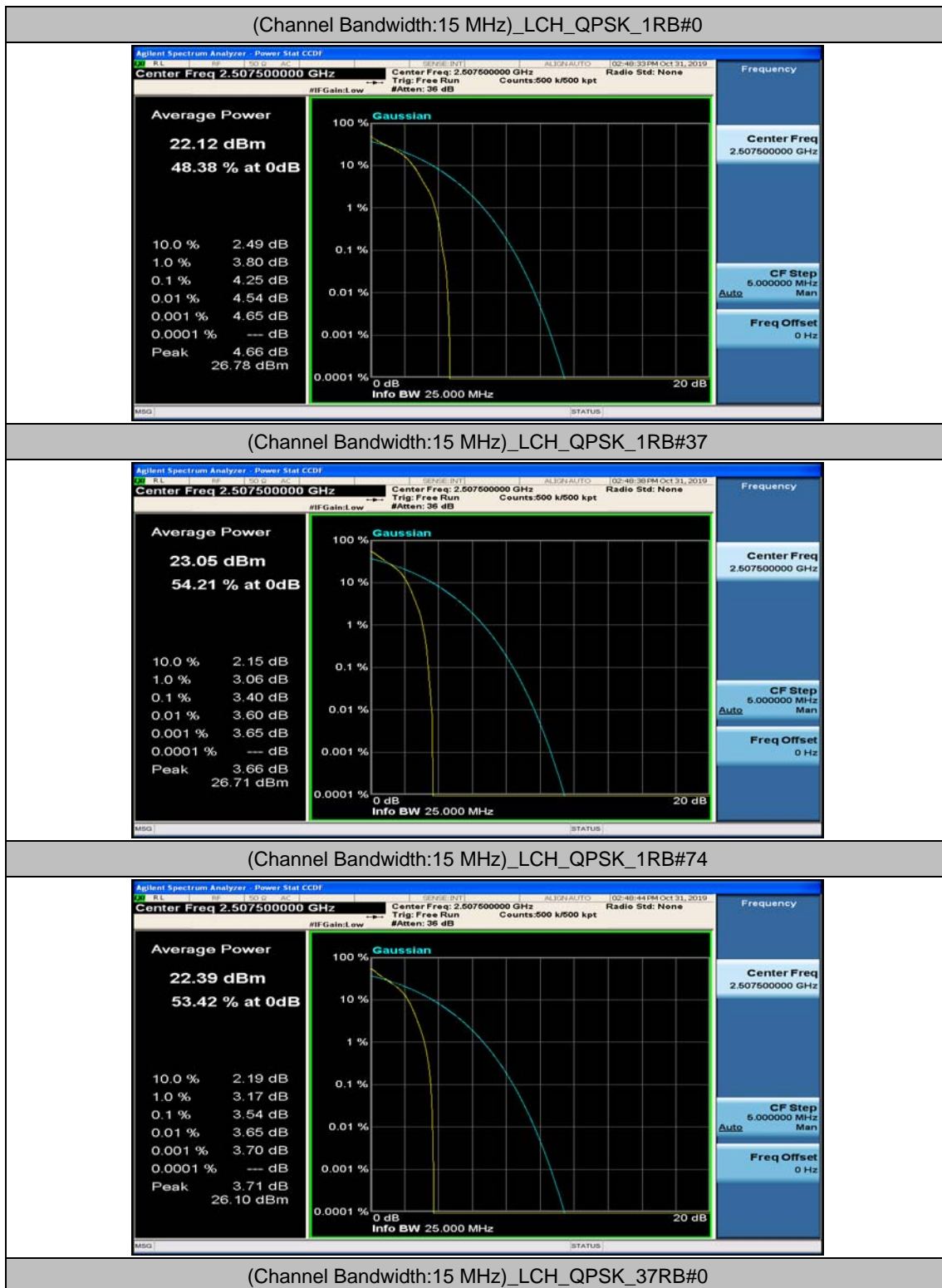
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25

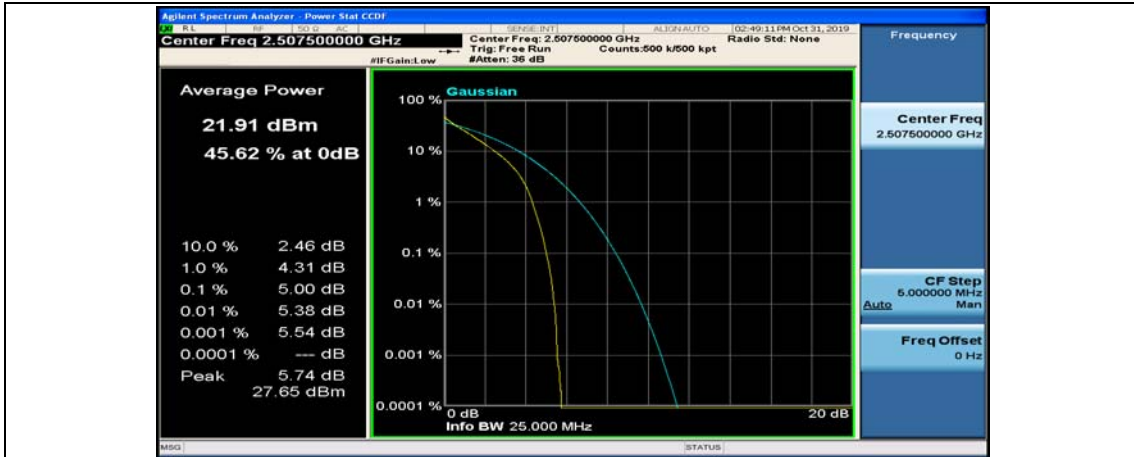






Channel Bandwidth: 15 MHz

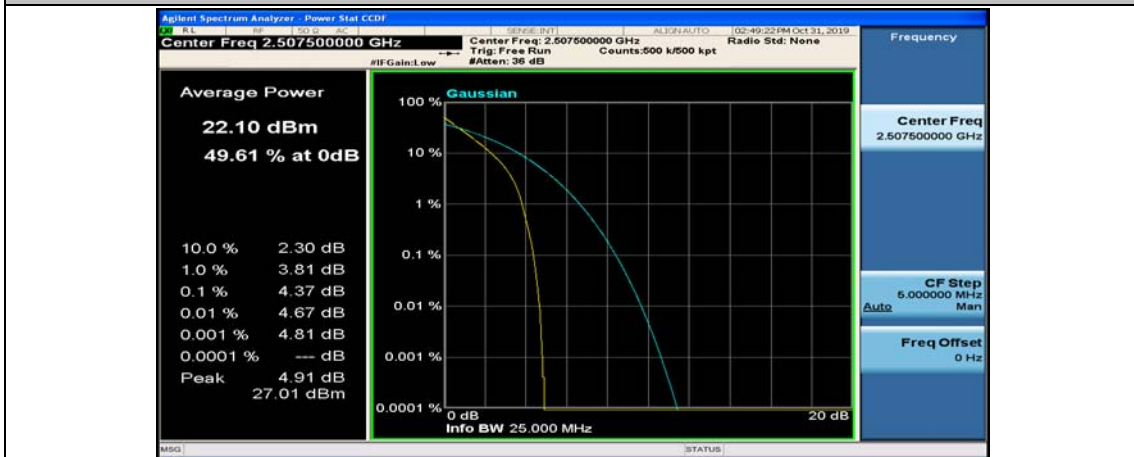




(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18



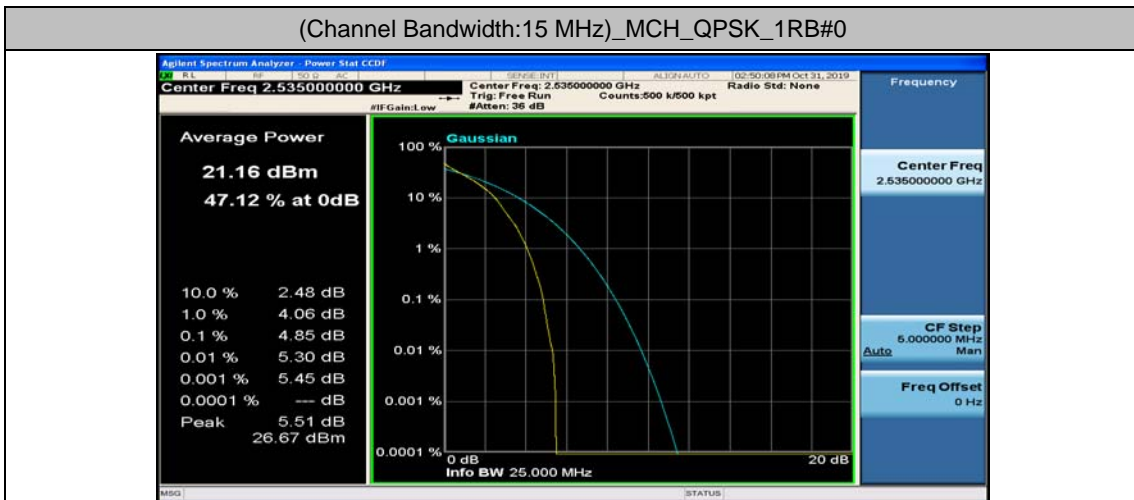
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38



(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



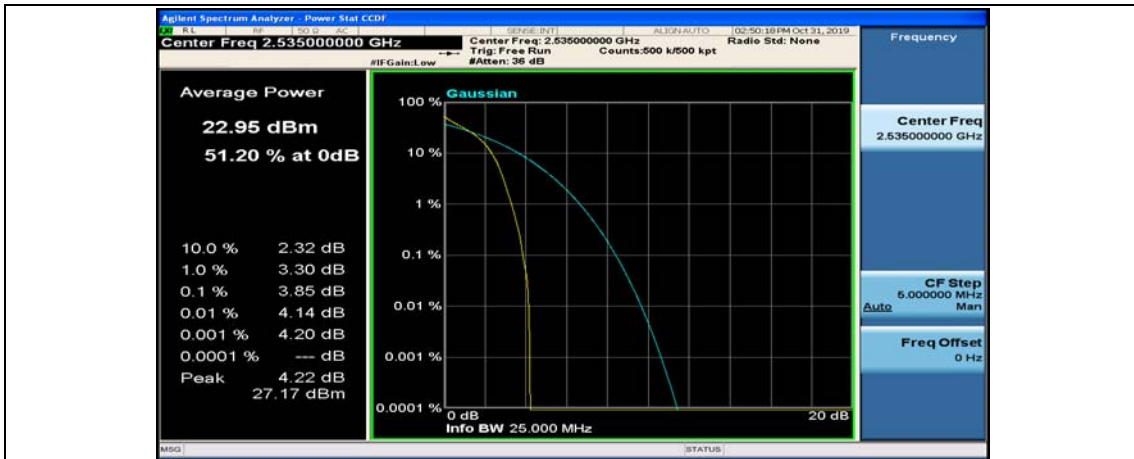
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37



(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74



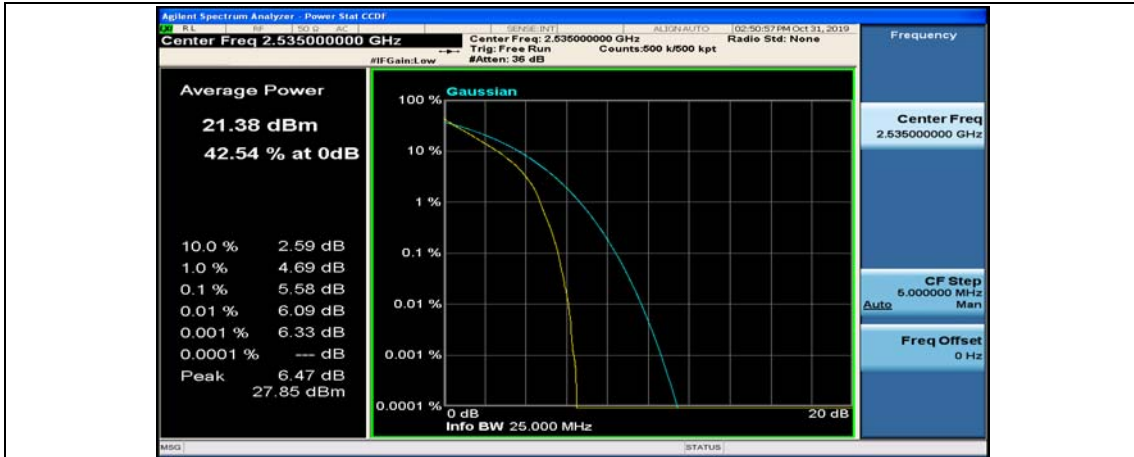
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0



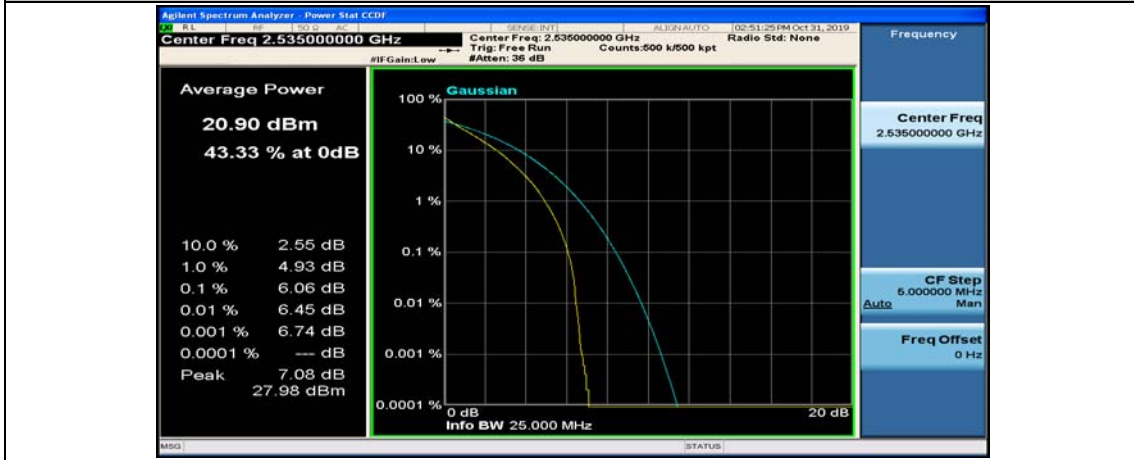
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18



(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



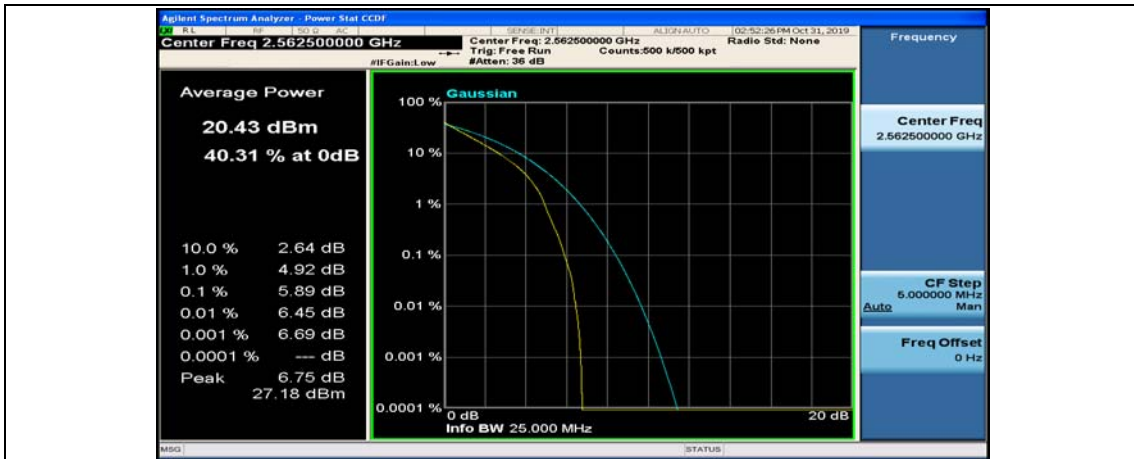
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



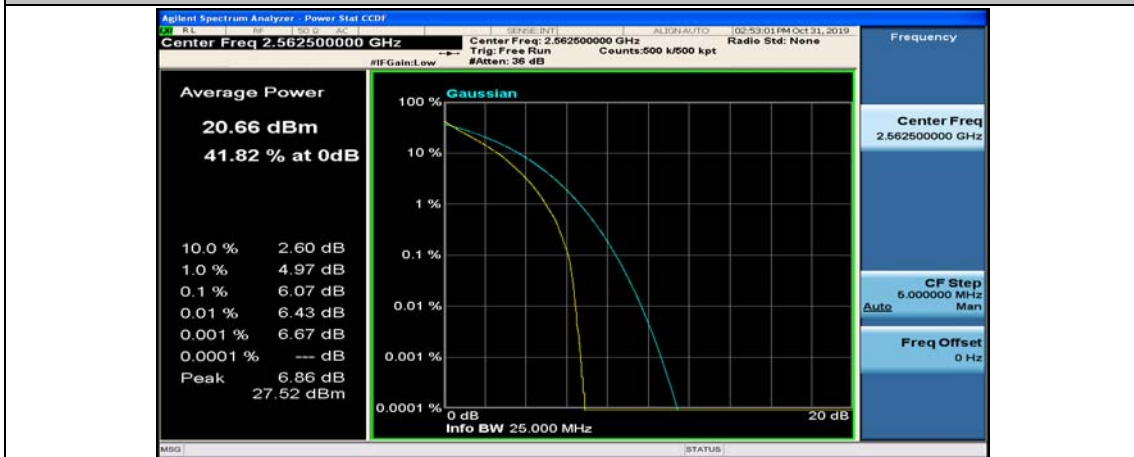
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38



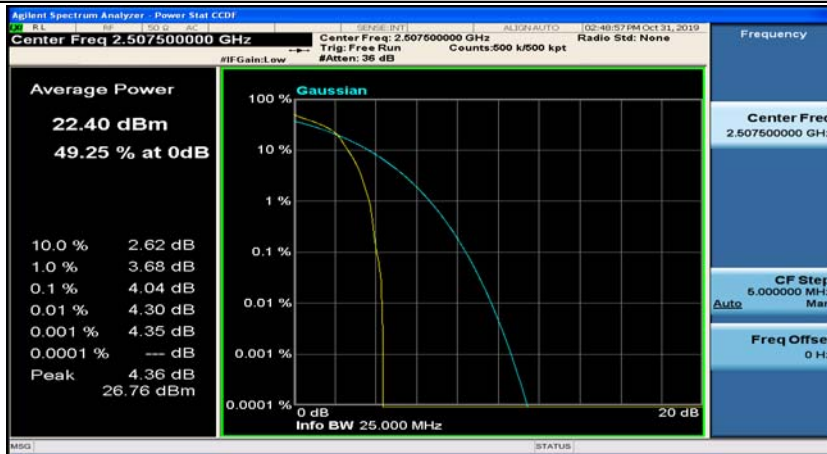
(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



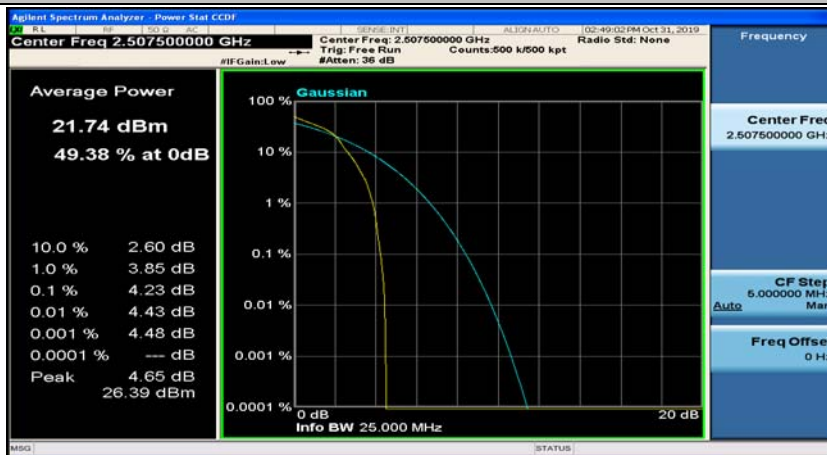
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



(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



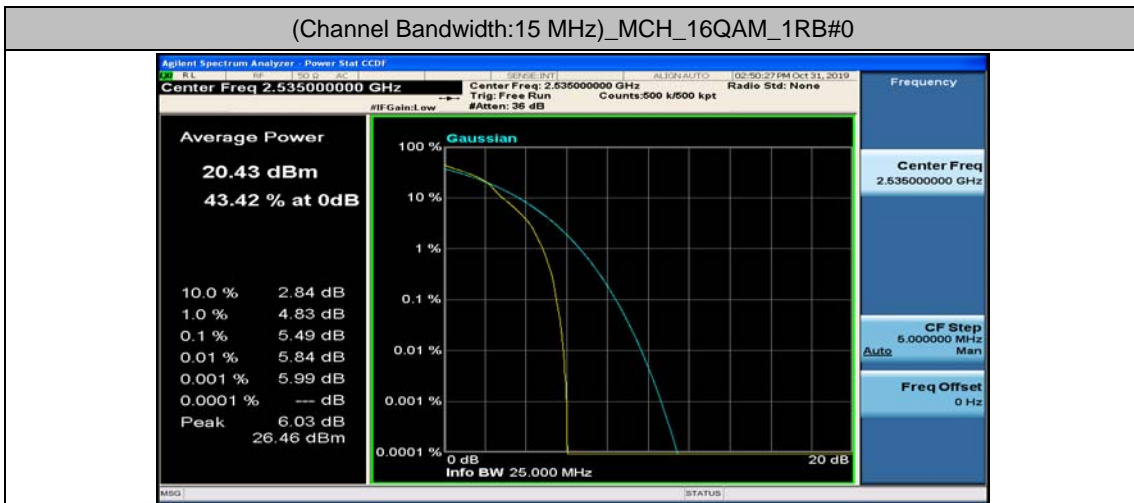
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38



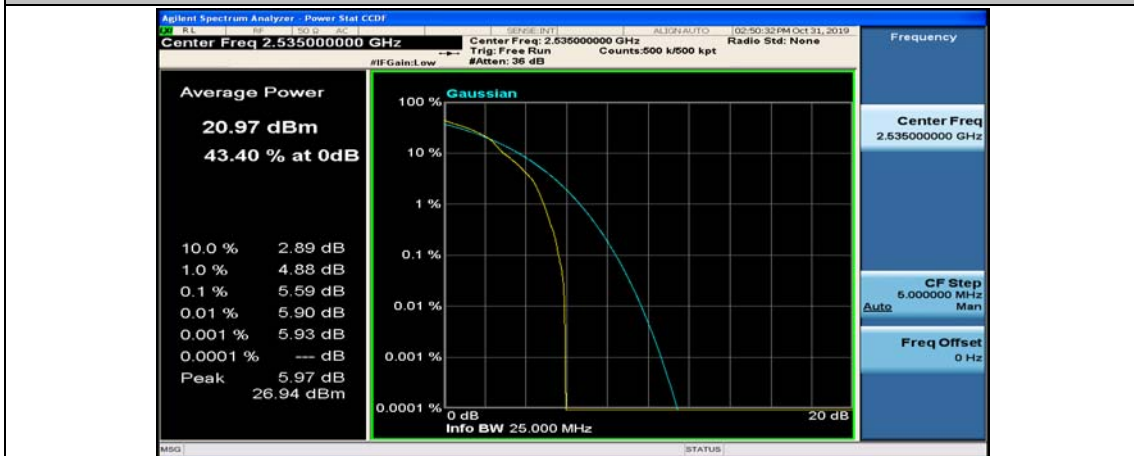
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



(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



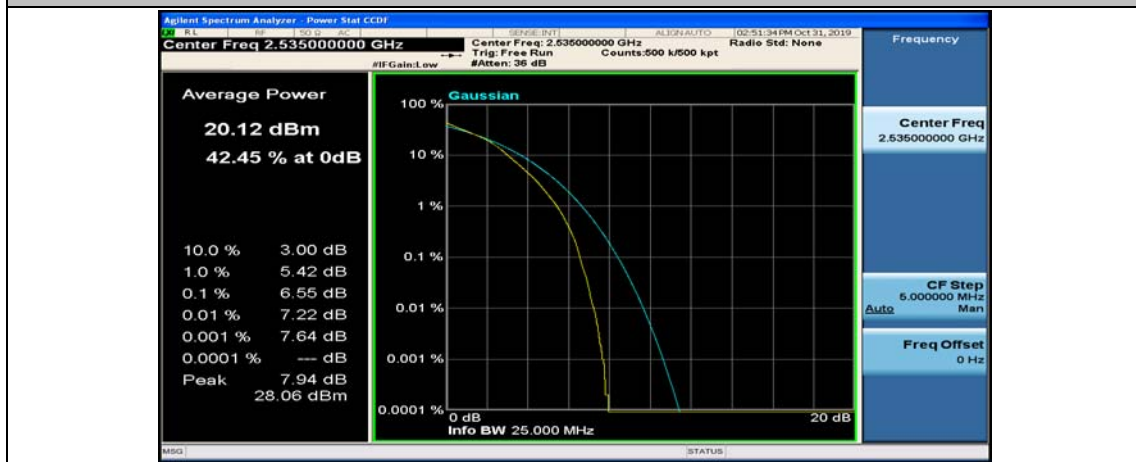
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18



(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



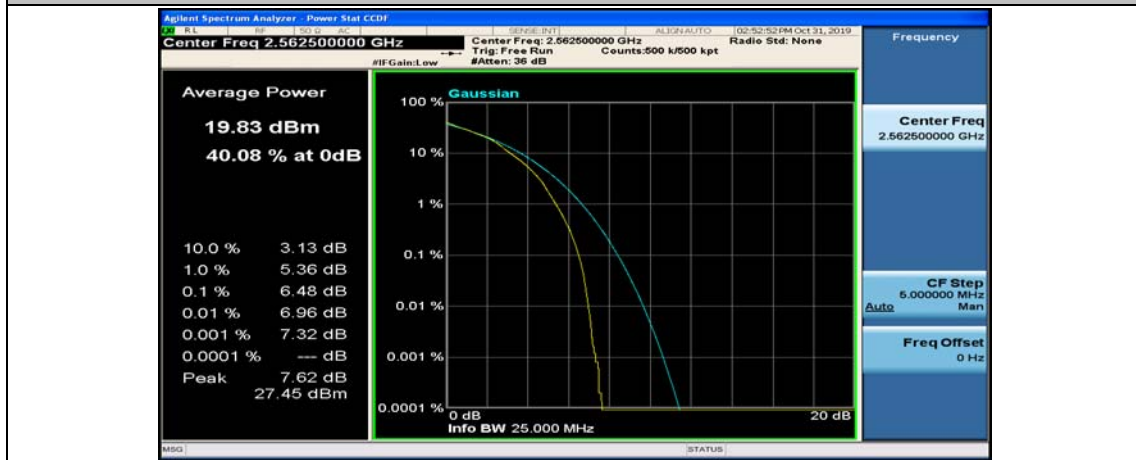
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18



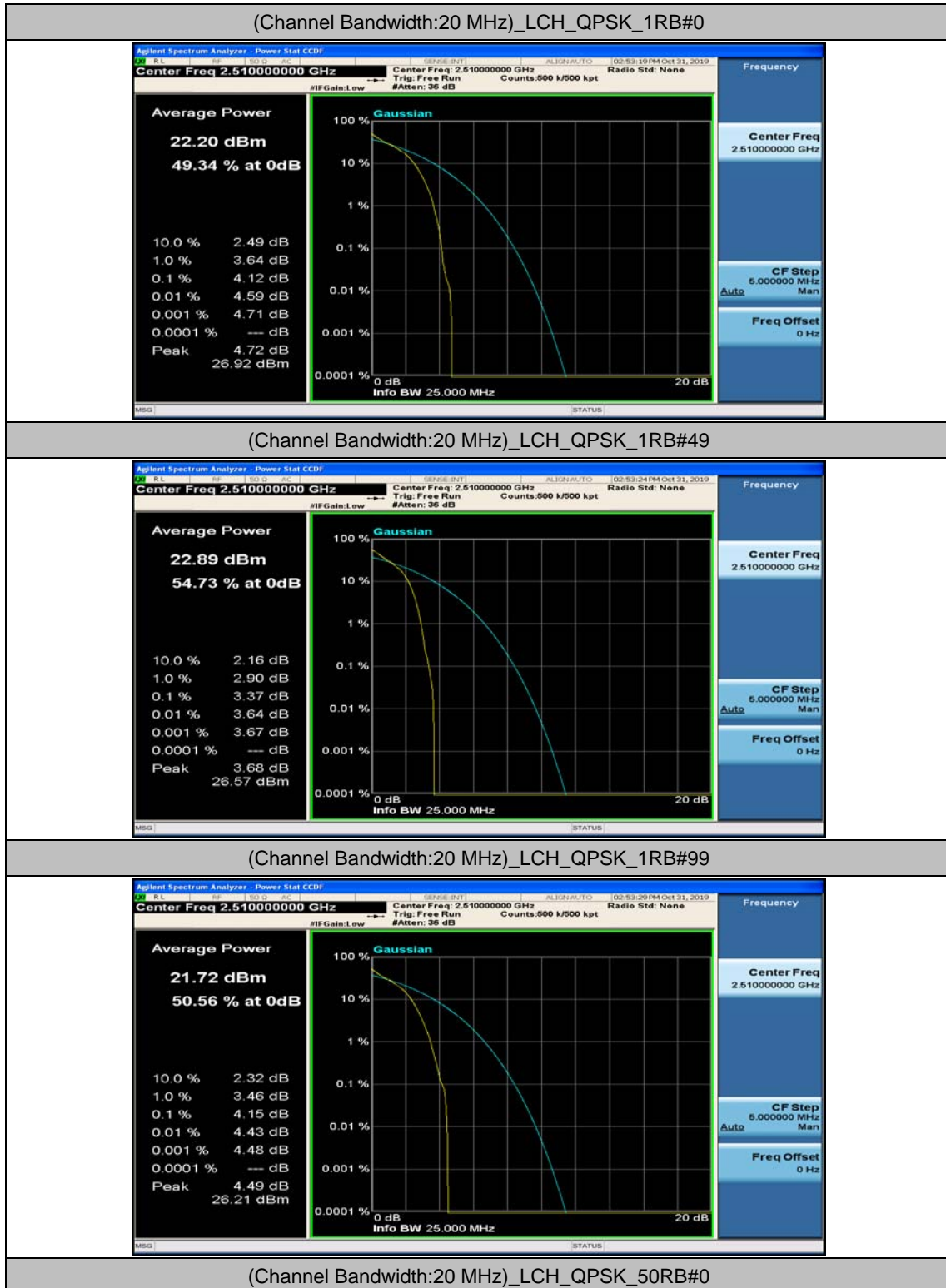
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38

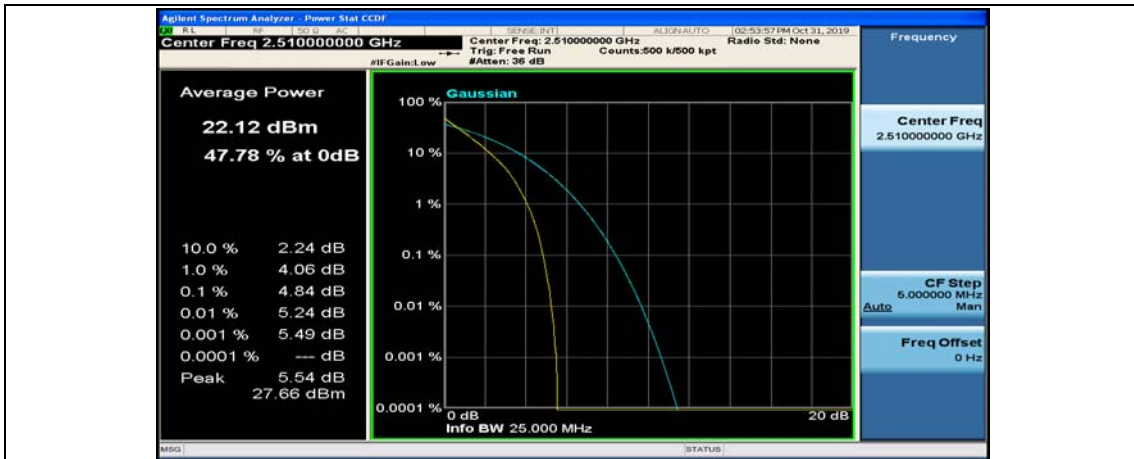


(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0



Channel Bandwidth: 20 MHz





(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25



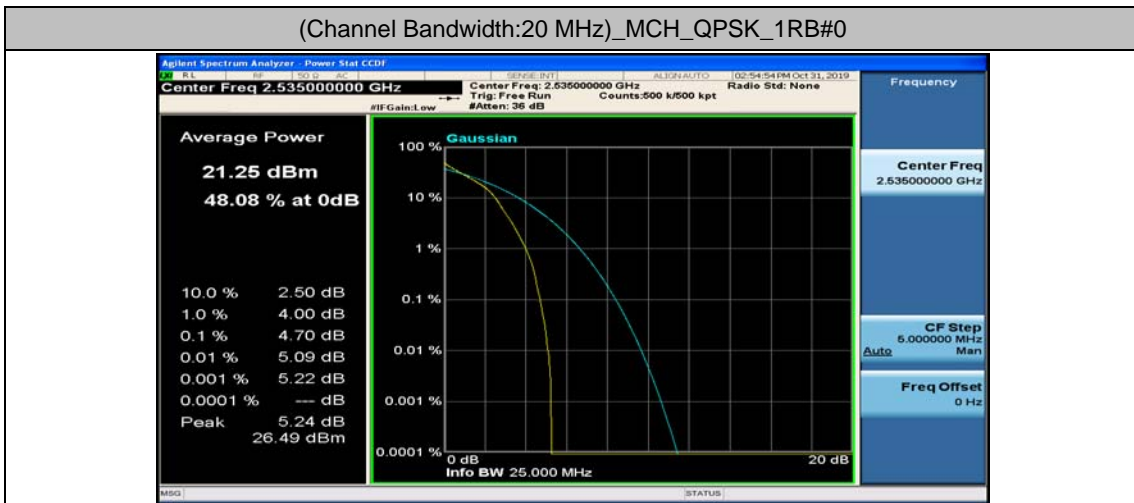
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#50



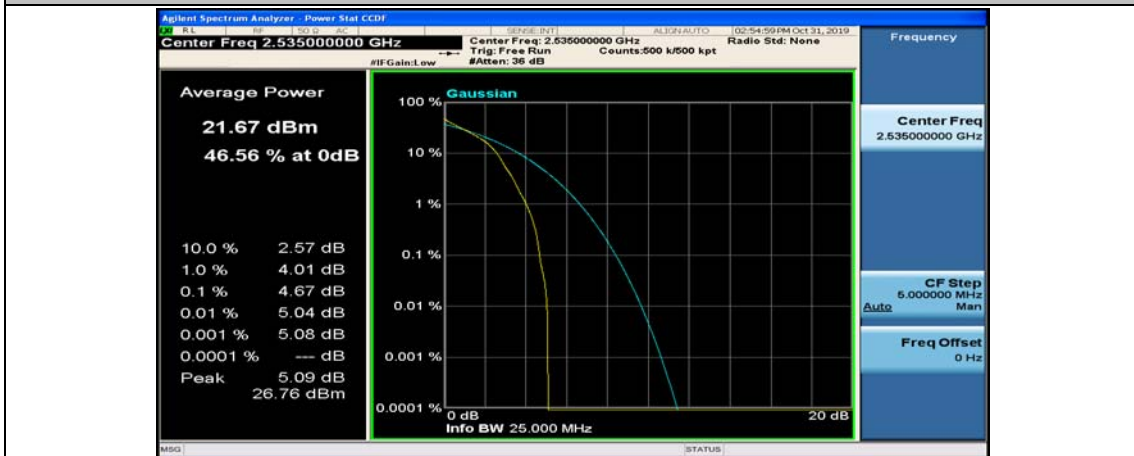
(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49



(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99