

I.2: 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	8.14	<13	PASS
		1	12	8	<13	PASS
		1	24	8.55	<13	PASS
		12	0	8.44	<13	PASS
		12	6	11.68	<13	PASS
		12	13	8.84	<13	PASS
		25	0	9.86	<13	PASS
	MCH	1	0	8.27	<13	PASS
		1	12	8.57	<13	PASS
		1	24	8.45	<13	PASS
		12	0	7.94	<13	PASS
		12	6	8.64	<13	PASS
		12	13	9.13	<13	PASS
		25	0	10.25	<13	PASS
16QAM	LCH	1	0	7.47	<13	PASS
		1	12	8.61	<13	PASS
		1	24	6.21	<13	PASS
		12	0	9.04	<13	PASS
		12	6	9.45	<13	PASS
		12	13	8.64	<13	PASS
		25	0	9.74	<13	PASS
	MCH	1	0	7.97	<13	PASS
		1	12	8.78	<13	PASS
		1	24	9.07	<13	PASS
		12	0	10.74	<13	PASS
		12	6	10.55	<13	PASS
		12	13	10.21	<13	PASS
		25	0	9.6	<13	PASS

	HCH	1	0	8.76	<13	PASS
		1	12	8.93	<13	PASS
		1	24	8.29	<13	PASS
		12	0	10.23	<13	PASS
		12	6	9.32	<13	PASS
		12	13	10.35	<13	PASS
		25	0	9.8	<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	8.07	<13	PASS
		1	24	7.67	<13	PASS
		1	49	8.37	<13	PASS
		25	0	8.43	<13	PASS
		25	12	8.72	<13	PASS
		25	25	8.92	<13	PASS
		50	0	9.35	<13	PASS
	MCH	1	0	10.08	<13	PASS
		1	24	10.02	<13	PASS
		1	49	9.05	<13	PASS
		25	0	10.59	<13	PASS
		25	12	10.4	<13	PASS
		25	25	9.34	<13	PASS
		50	0	9.7	<13	PASS
16QAM	LCH	1	0	7.98	<13	PASS
		1	24	8.01	<13	PASS
		1	49	8.89	<13	PASS
		25	0	9.15	<13	PASS
		25	12	9.02	<13	PASS
		25	25	8.28	<13	PASS
		50	0	10.03	<13	PASS
	MCH	1	0	8.89	<13	PASS
		1	24	9.3	<13	PASS
		1	49	9.6	<13	PASS
		25	0	9.71	<13	PASS
		25	12	10.13	<13	PASS
		25	25	10.84	<13	PASS
		50	0	11.34	<13	PASS
	HCH	1	0	9.31	<13	PASS
		1	24	10.36	<13	PASS
		1	49	11.4	<13	PASS
		25	0	10.27	<13	PASS
		25	12	8.87	<13	PASS
		25	25	9.94	<13	PASS
		50	0	10.53	<13	PASS

		25	0	8.9	<13	PASS
		25	12	10.99	<13	PASS
		25	25	10.59	<13	PASS
		50	0	8.99	<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	8.57	<13	PASS
		1	37	9.07	<13	PASS
		1	74	9.25	<13	PASS
		37	0	8.02	<13	PASS
		37	18	11.2	<13	PASS
		37	38	9.05	<13	PASS
		75	0	8.2	<13	PASS
	MCH	1	0	9.49	<13	PASS
		1	37	8.61	<13	PASS
		1	74	9.07	<13	PASS
		37	0	8.74	<13	PASS
		37	18	8.55	<13	PASS
		37	38	10.03	<13	PASS
		75	0	8.02	<13	PASS
16QAM	LCH	1	0	10.7	<13	PASS
		1	37	7.77	<13	PASS
		1	74	8.77	<13	PASS
		37	0	9.99	<13	PASS
		37	18	8.92	<13	PASS
		37	38	9.24	<13	PASS
		75	0	8.04	<13	PASS
	MCH	1	0	9.92	<13	PASS
		1	37	8.63	<13	PASS
		1	74	9.73	<13	PASS
		37	0	9.18	<13	PASS
		37	18	10.51	<13	PASS
		37	38	9.3	<13	PASS
		75	0	11.26	<13	PASS
	HCH	1	0	9.47	<13	PASS
		1	37	10.21	<13	PASS
		1	74	12.03	<13	PASS
		37	0	9.69	<13	PASS
		37	18	9.17	<13	PASS
		37	38	10.72	<13	PASS
		75	0	9.54	<13	PASS

		37	0	9.31	<13	PASS
		37	18	9.35	<13	PASS
		37	38	10.91	<13	PASS
		75	0	9.37	<13	PASS

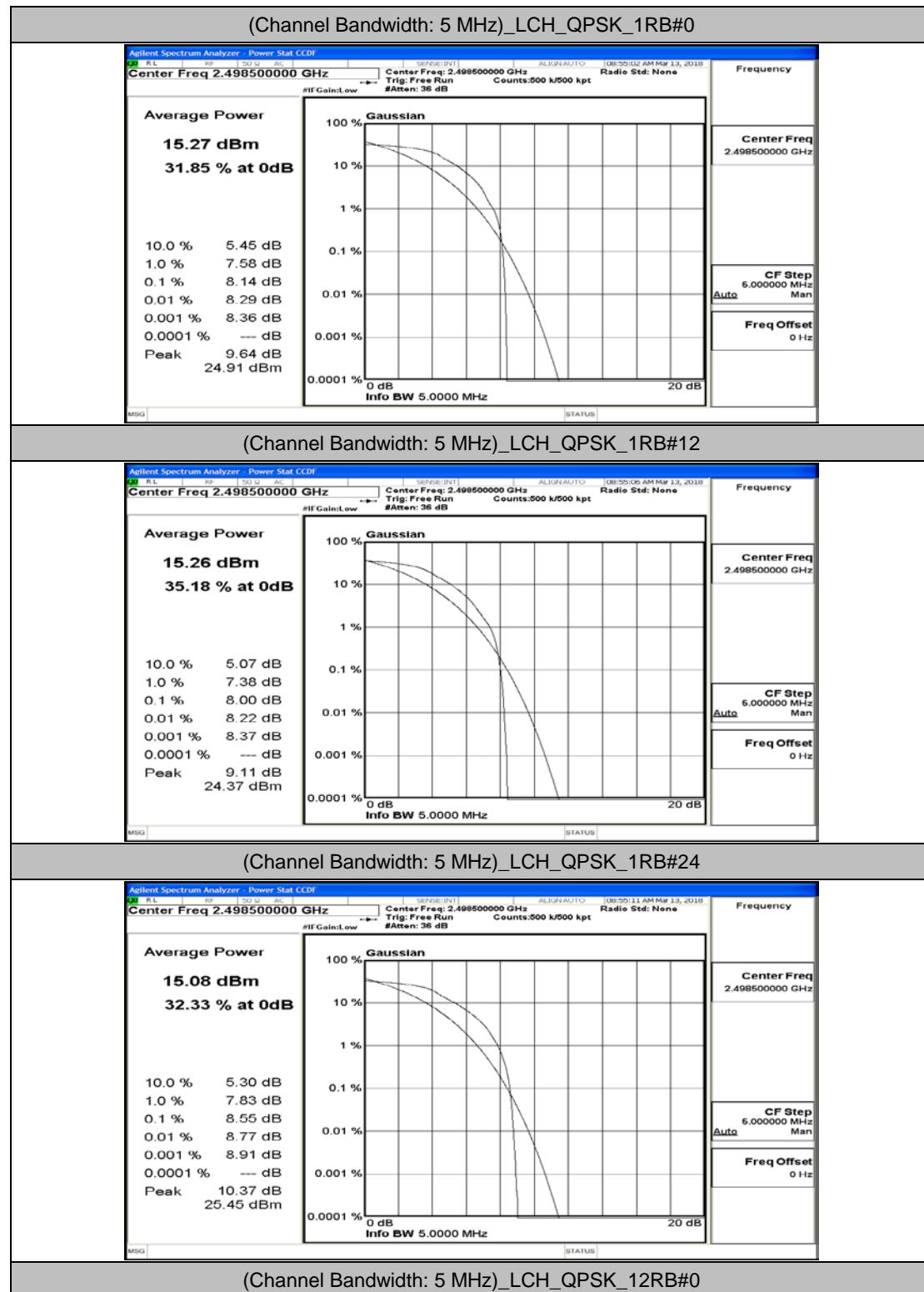
Channel Bandwidth: 20 MHz

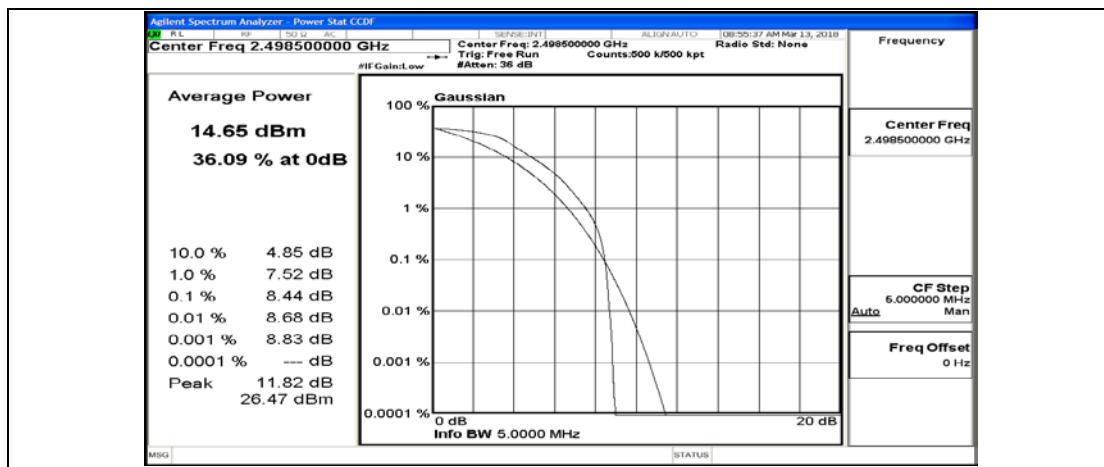
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	9.53	<13	PASS
		1	49	8.43	<13	PASS
		1	99	11.54	<13	PASS
		50	0	9.97	<13	PASS
		50	25	10.86	<13	PASS
		50	50	9.45	<13	PASS
		100	0	9.39	<13	PASS
	MCH	1	0	10.63	<13	PASS
		1	49	9.52	<13	PASS
		1	99	12.75	<13	PASS
		50	0	8.9	<13	PASS
		50	25	8.13	<13	PASS
		50	50	9.14	<13	PASS
		100	0	8.57	<13	PASS
16QAM	LCH	1	0	9.04	<13	PASS
		1	49	7.71	<13	PASS
		1	99	8.58	<13	PASS
		50	0	8.38	<13	PASS
		50	25	9.27	<13	PASS
		50	50	9.71	<13	PASS
		100	0	9.3	<13	PASS
	MCH	1	0	10.05	<13	PASS
		1	49	10.75	<13	PASS
		1	99	12.14	<13	PASS
		50	0	9.96	<13	PASS
		50	25	9.59	<13	PASS
		50	50	10.35	<13	PASS
		100	0	10.72	<13	PASS
	HCH	1	0	11.73	<13	PASS
		1	49	11.19	<13	PASS
		1	99	12.95	<13	PASS
		50	0	9.98	<13	PASS
		50	25	10.96	<13	PASS
		50	50	10.23	<13	PASS
		100	0	9.8	<13	PASS

		50	0	10.66	<13	PASS
		50	25	10.34	<13	PASS
		50	50	11.17	<13	PASS
		100	0	9.43	<13	PASS

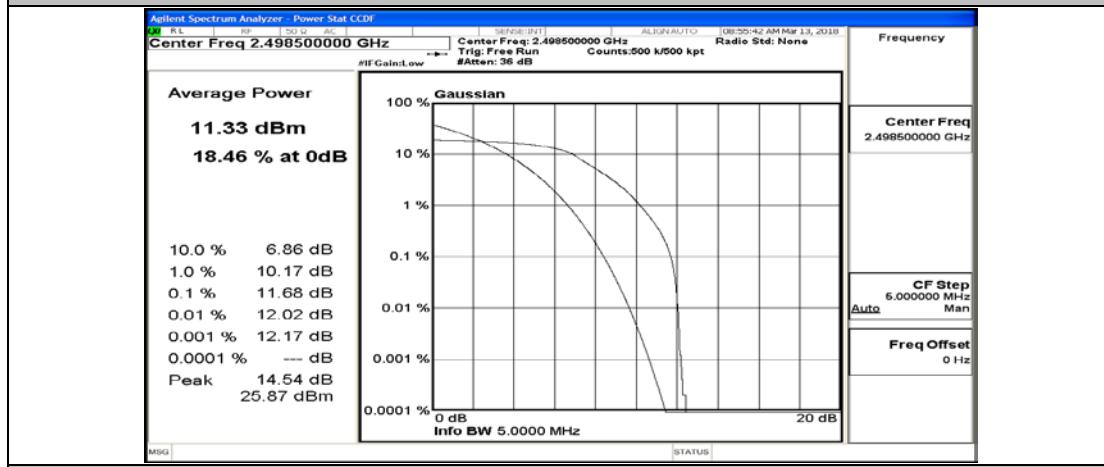
Test Graphs

Channel Bandwidth: 5 MHz

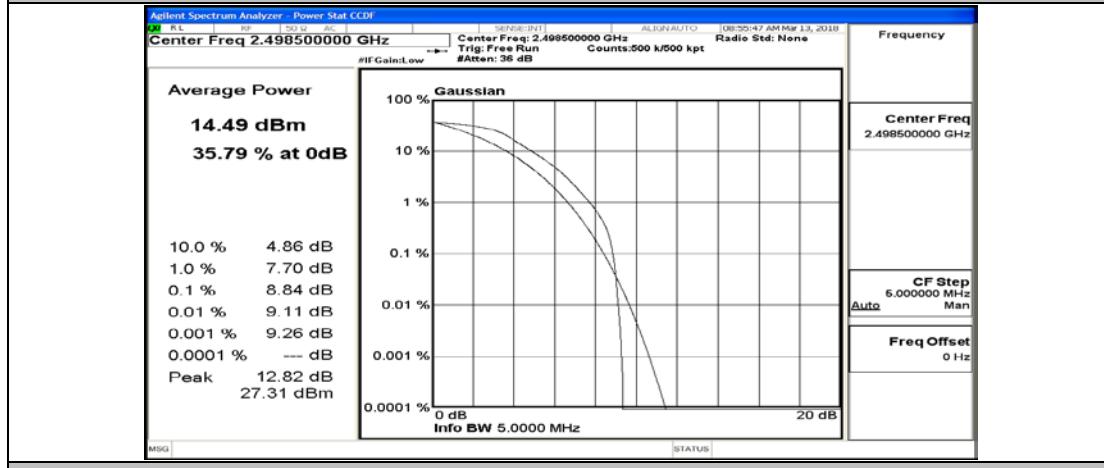




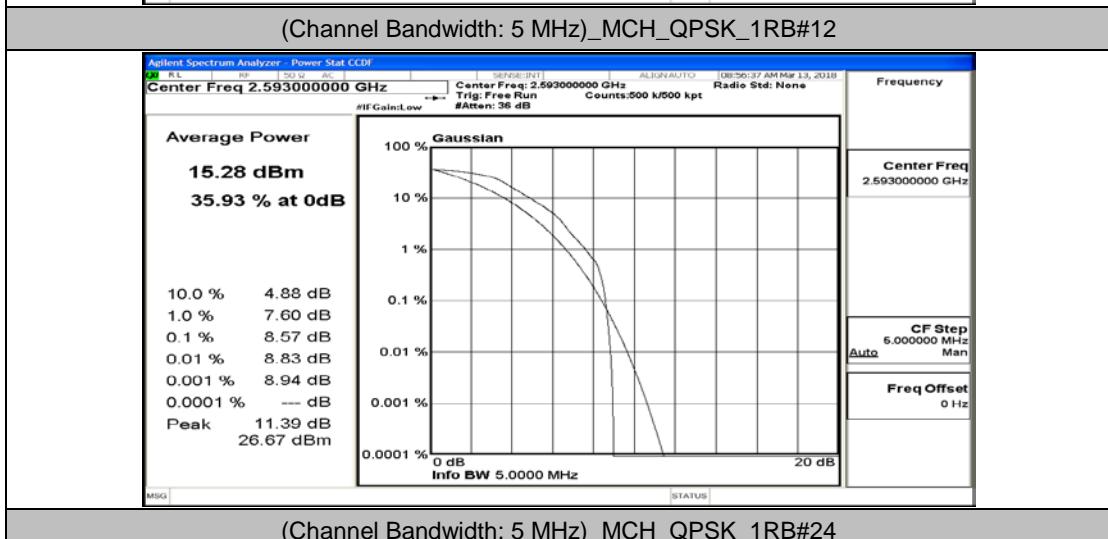
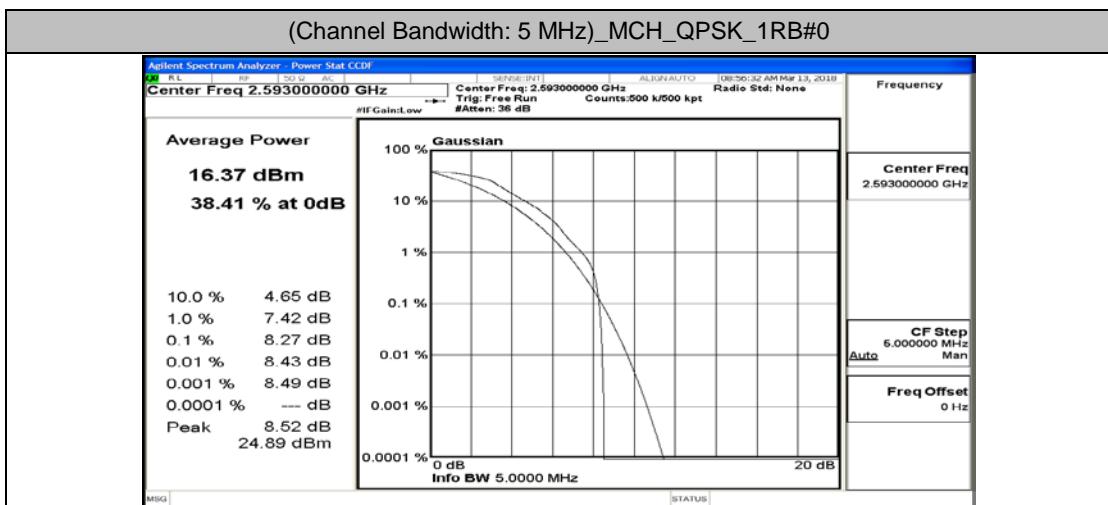
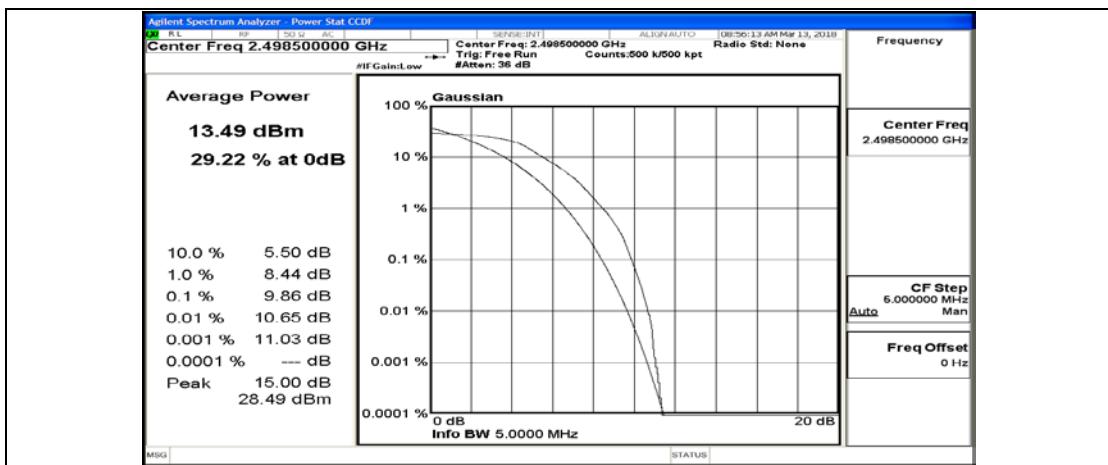
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



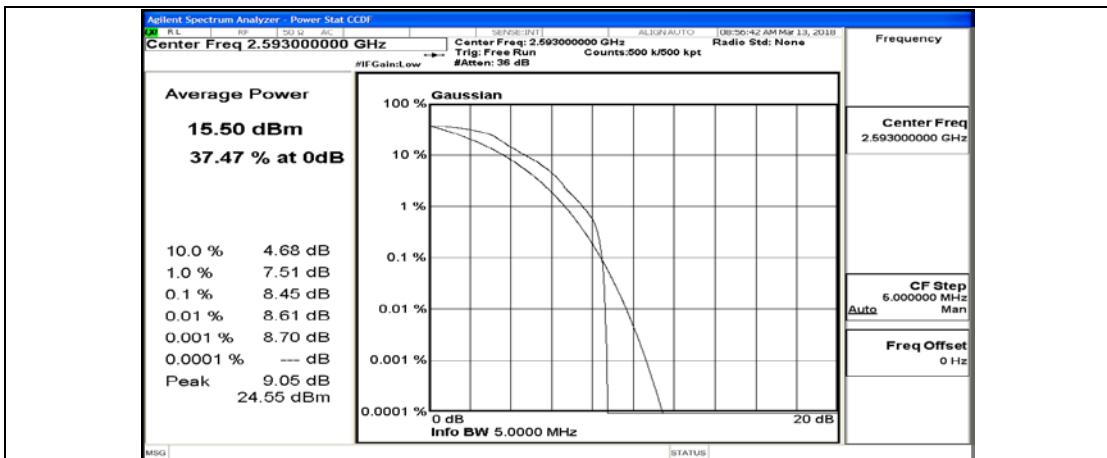
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



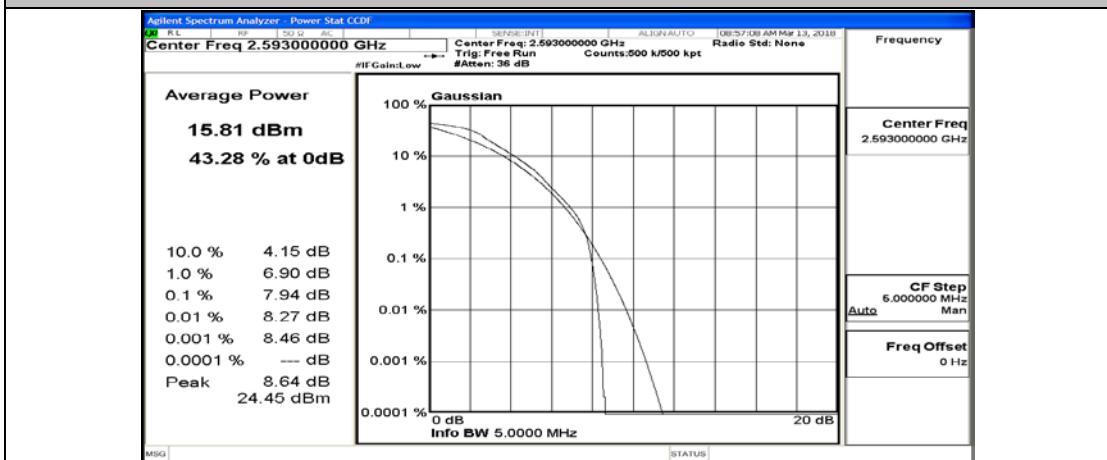
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



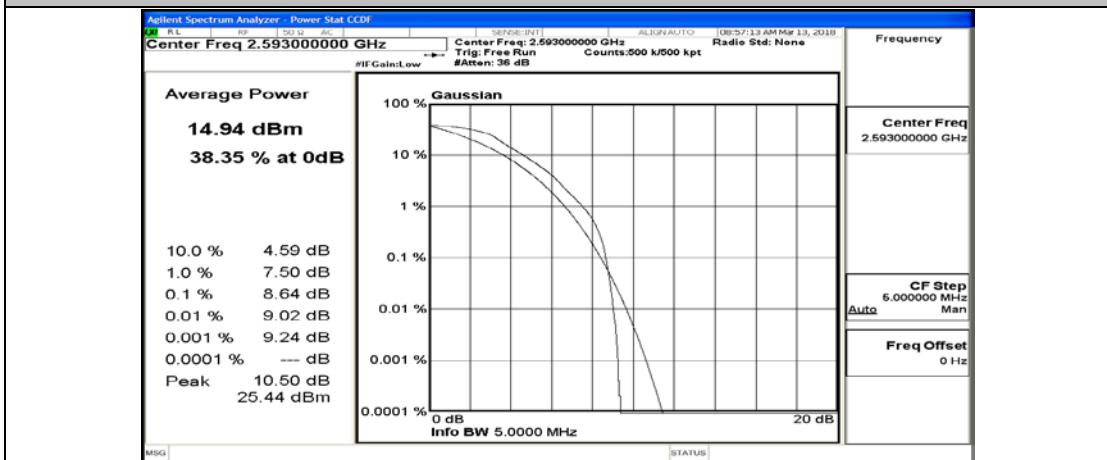
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



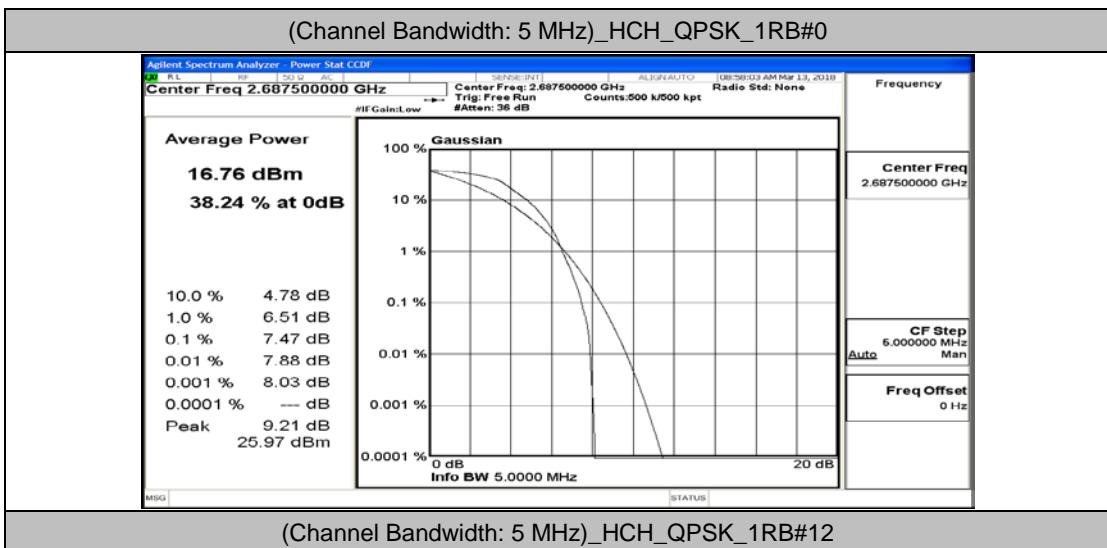
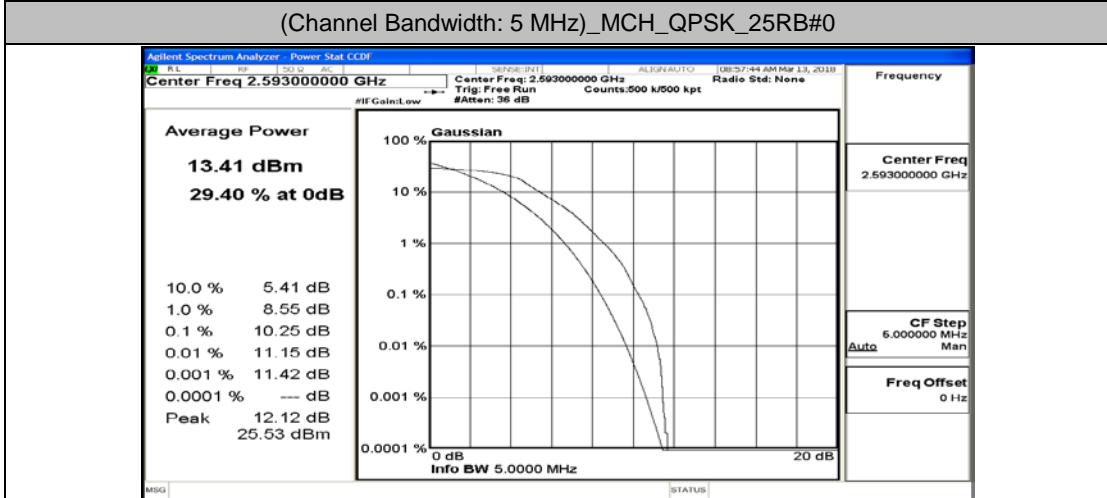
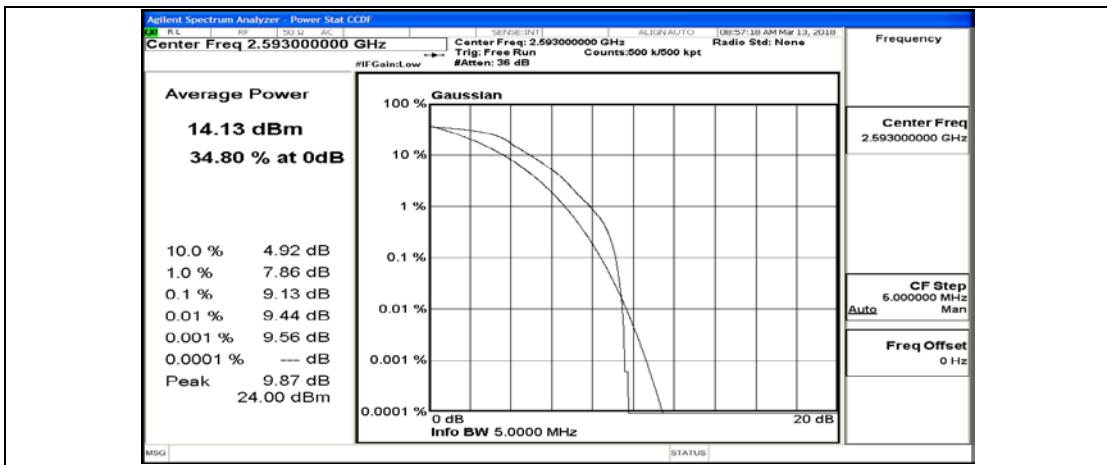
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0

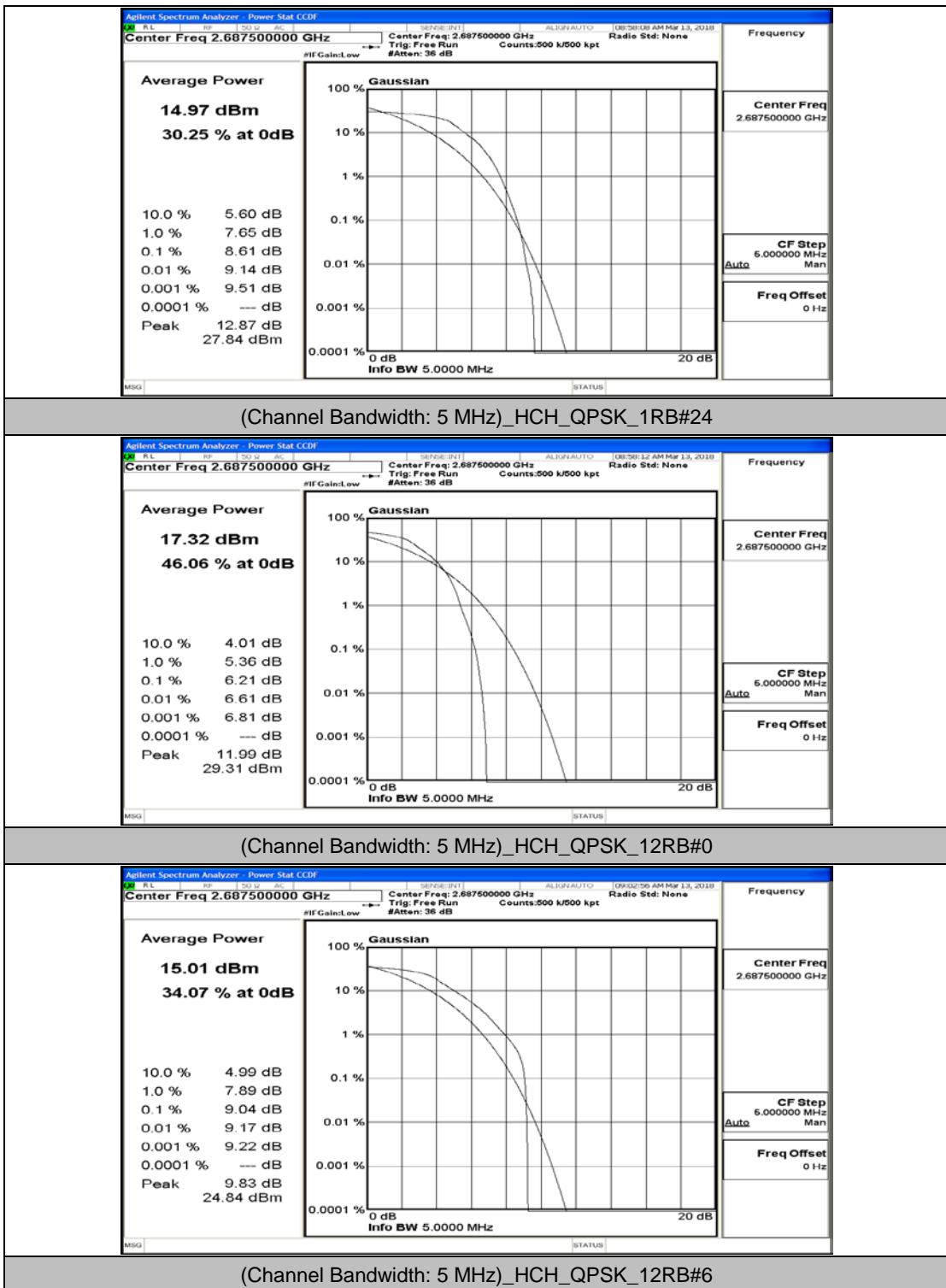


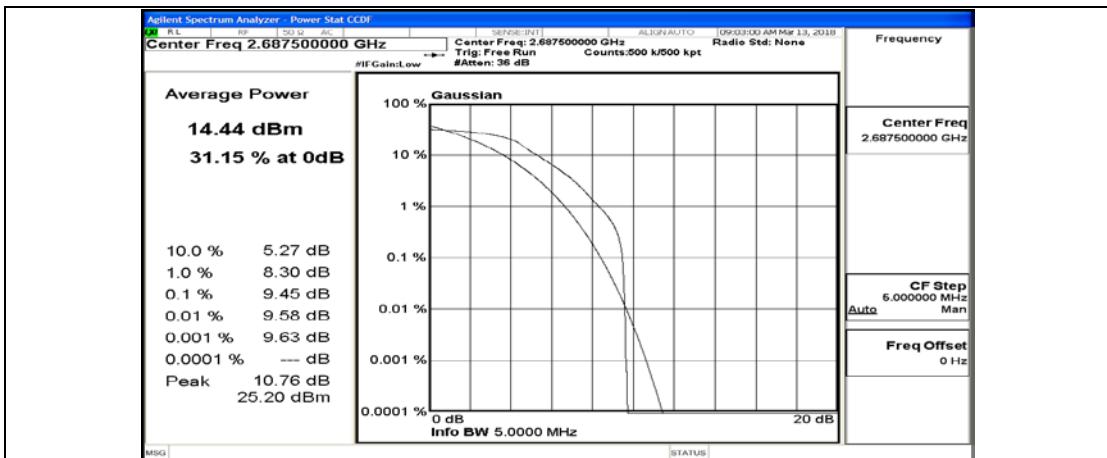
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



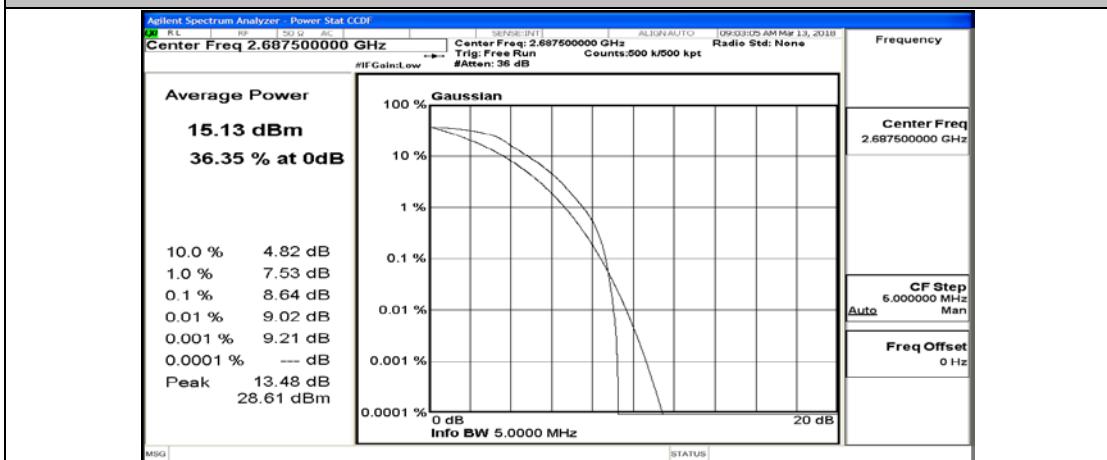
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



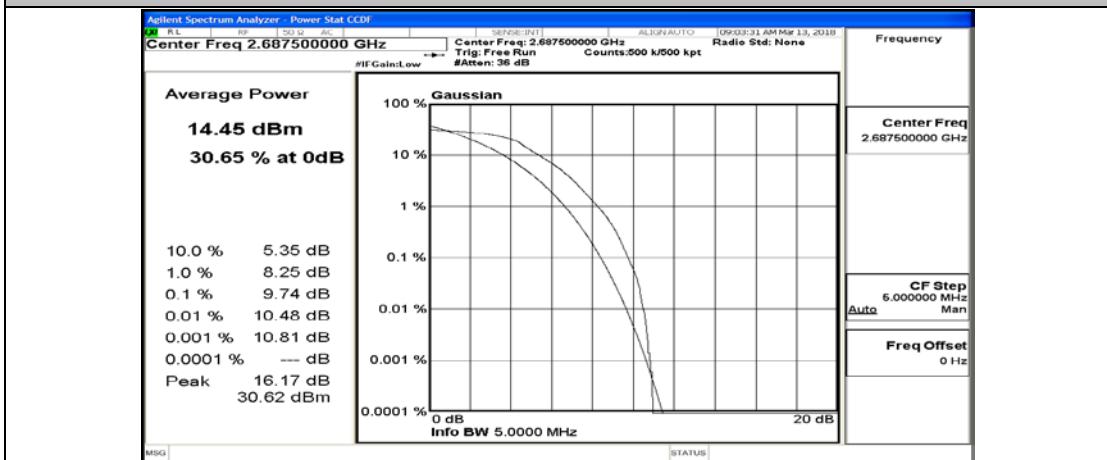




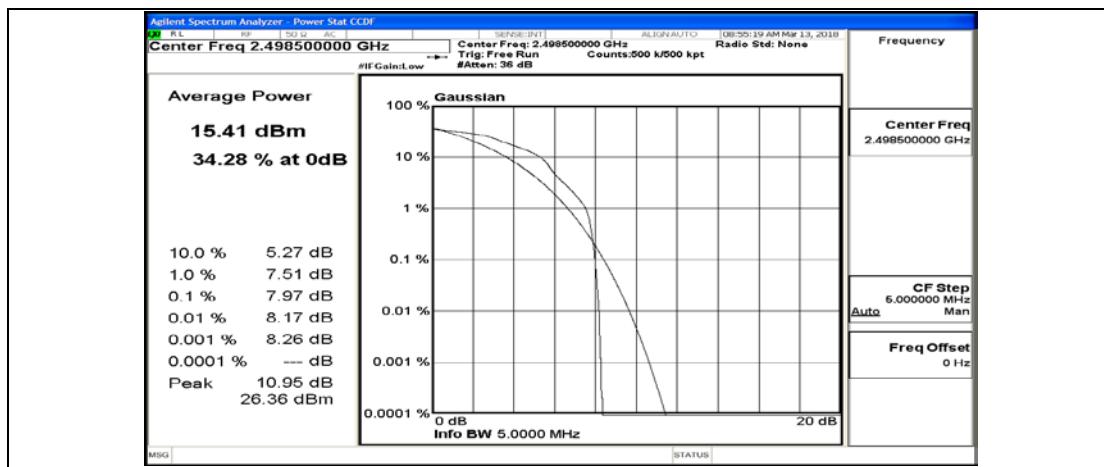
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



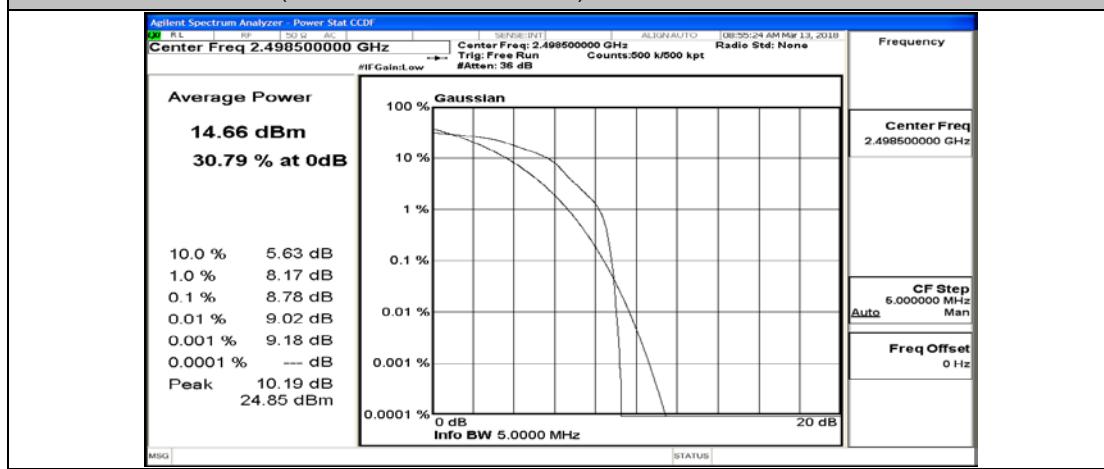
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



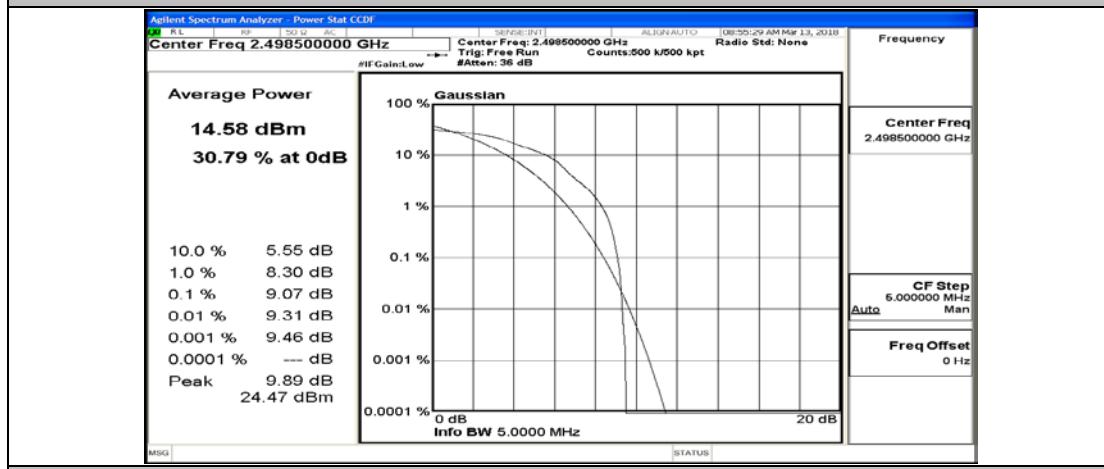
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



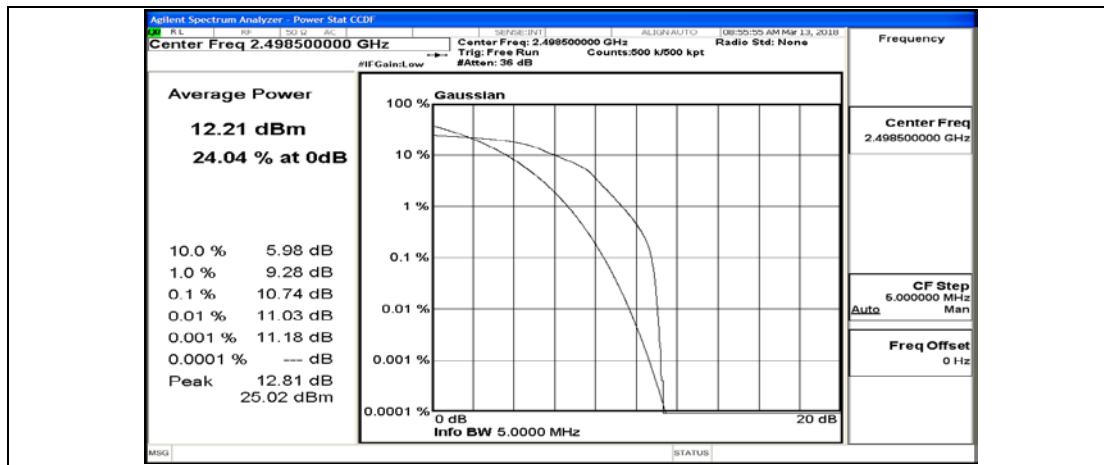
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



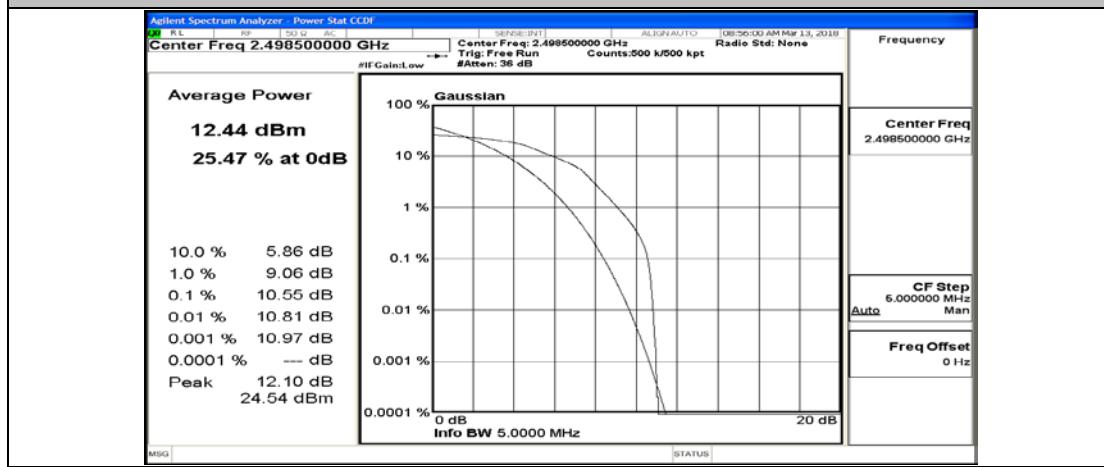
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



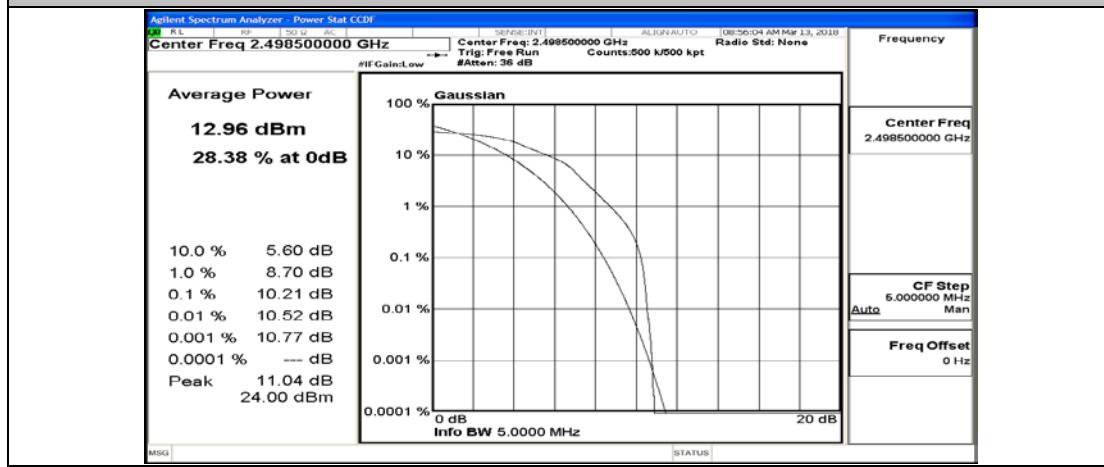
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



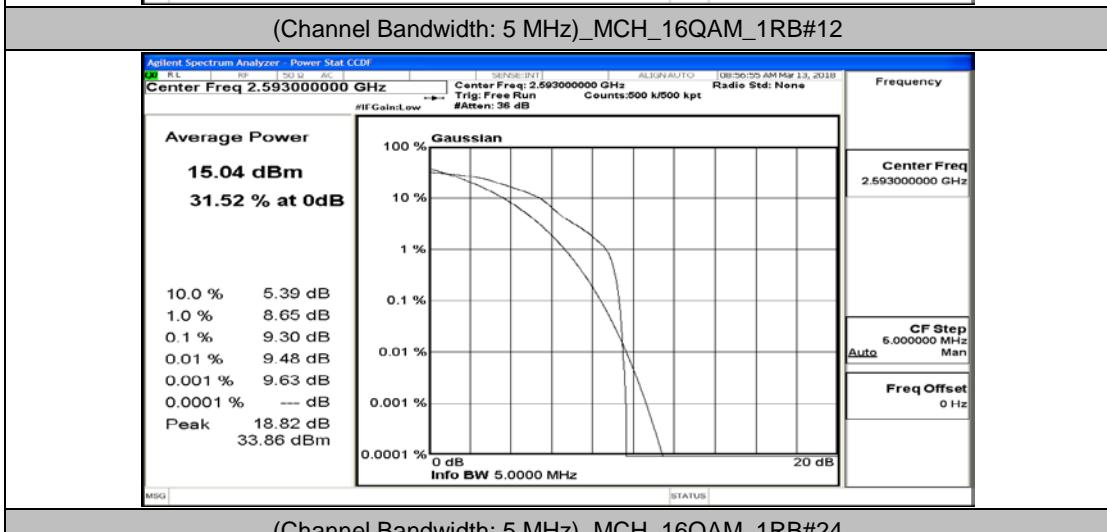
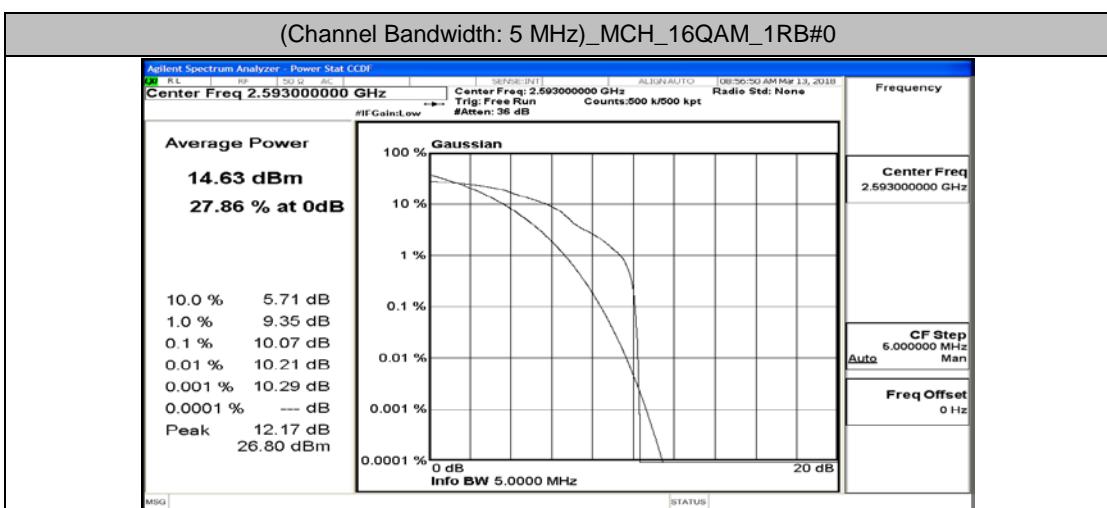
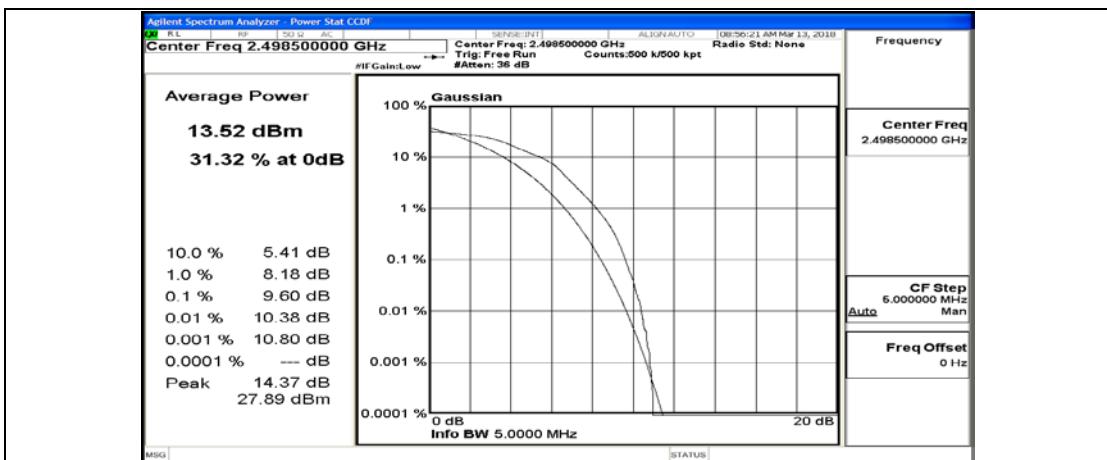
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



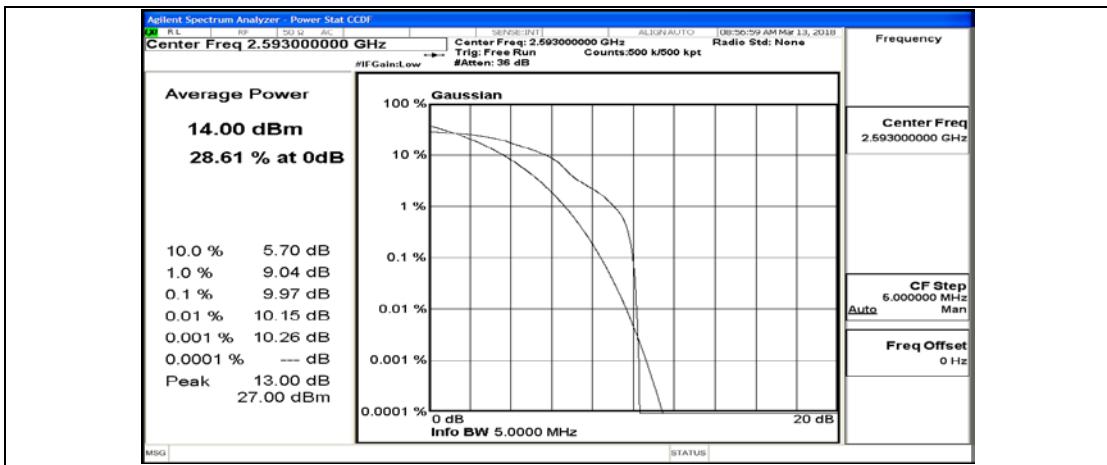
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



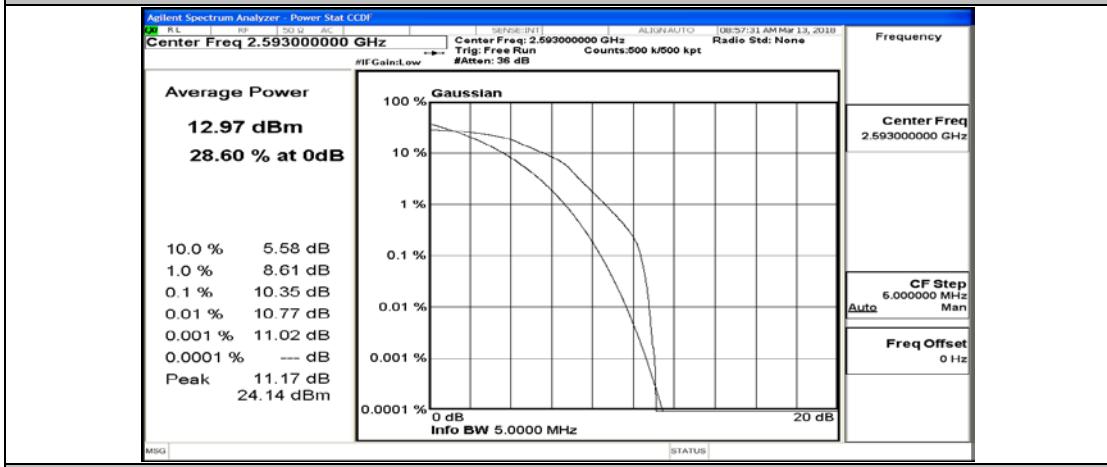
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



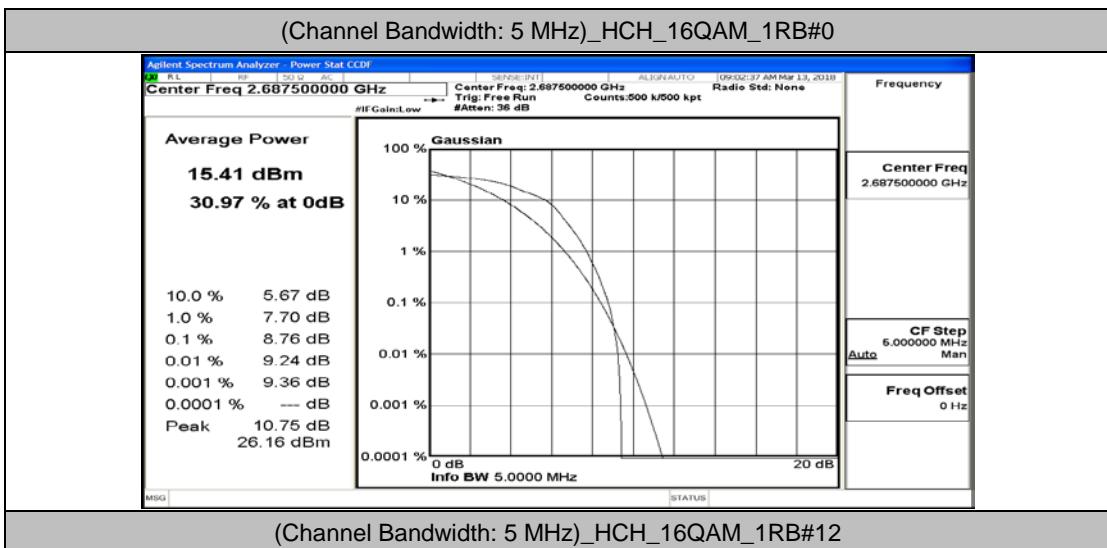
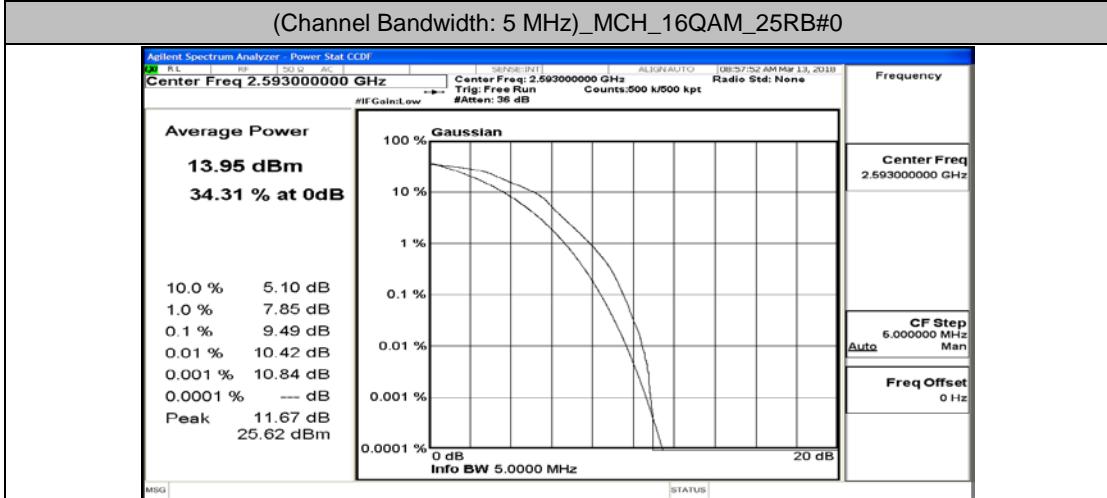
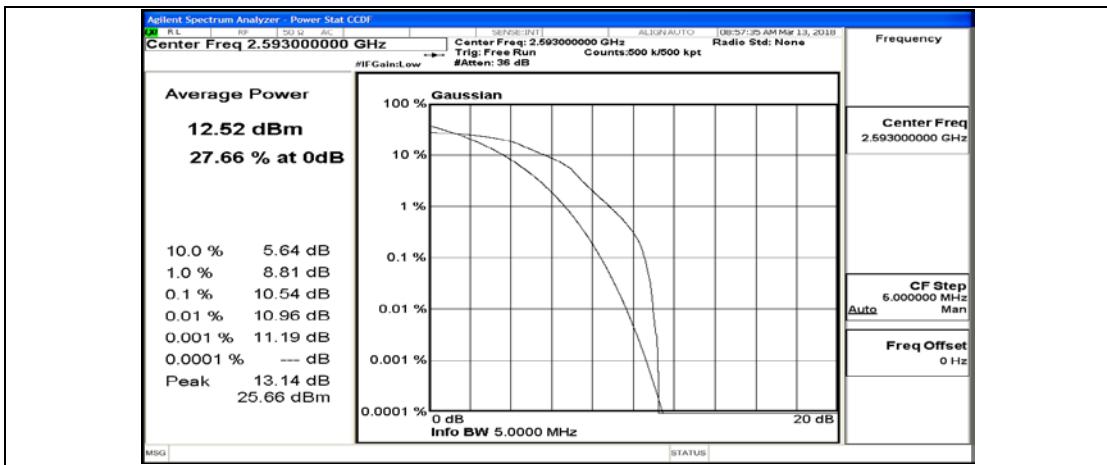
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0

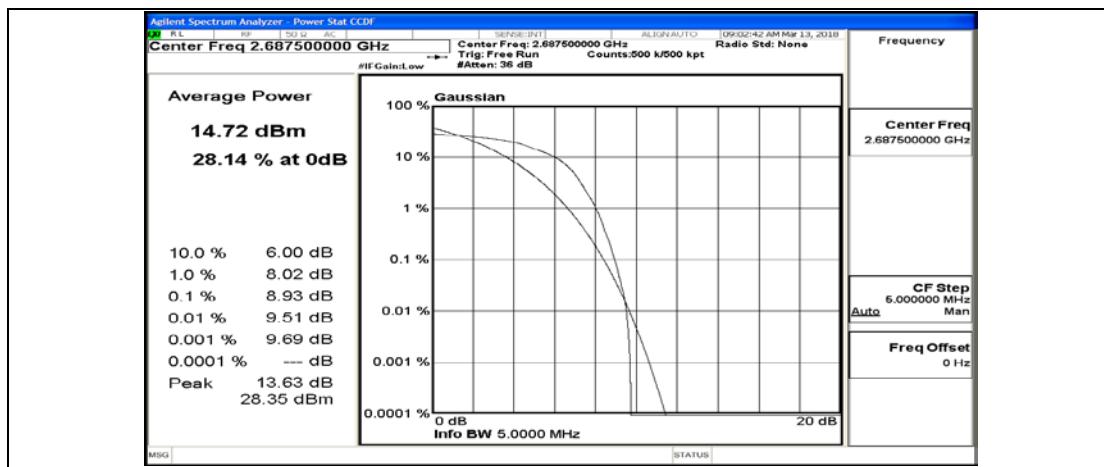


(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6

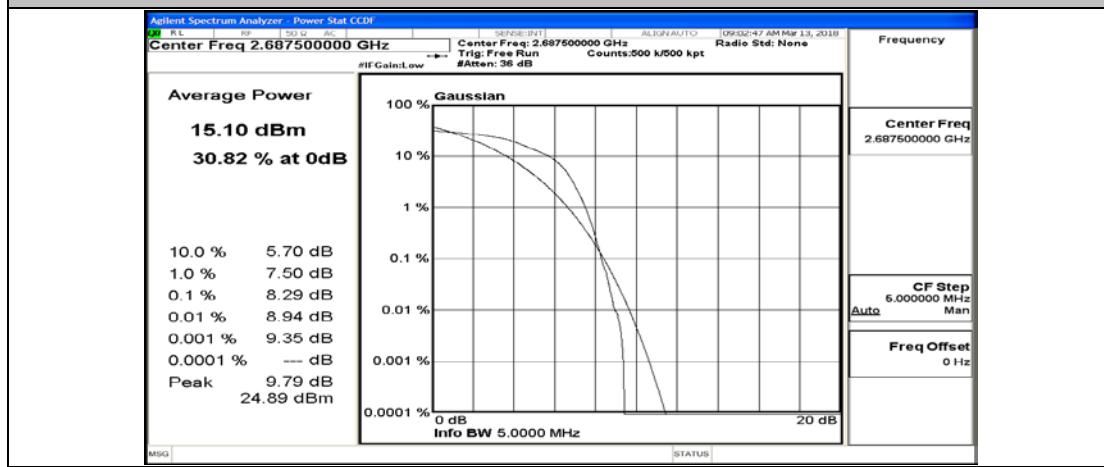


(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13

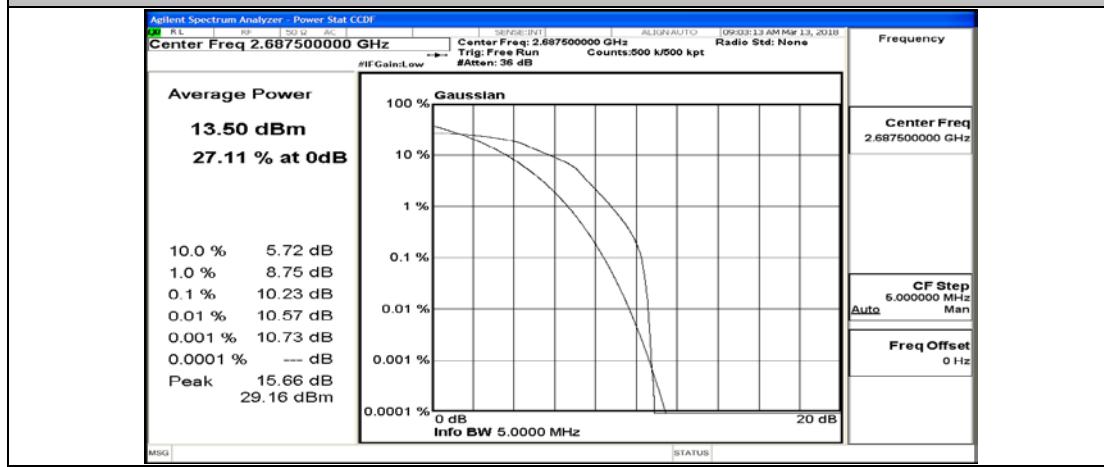




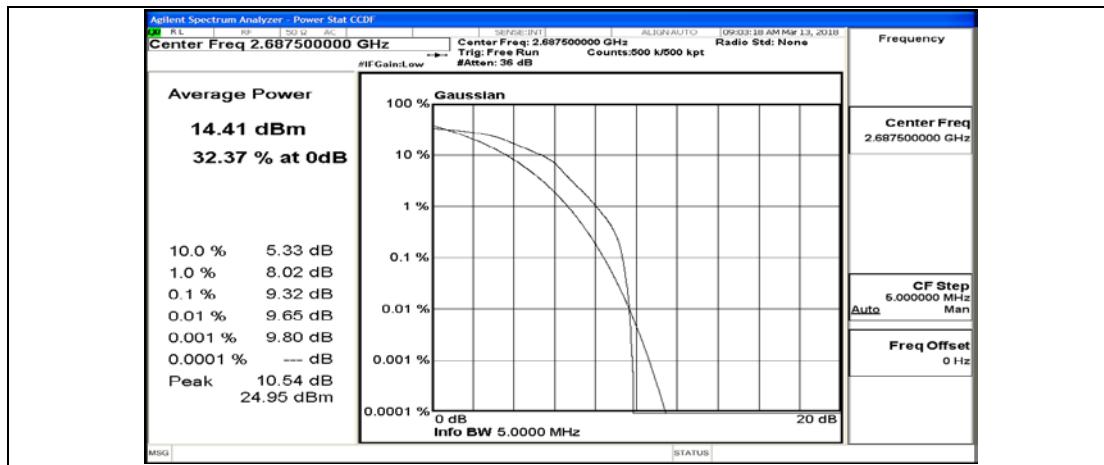
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



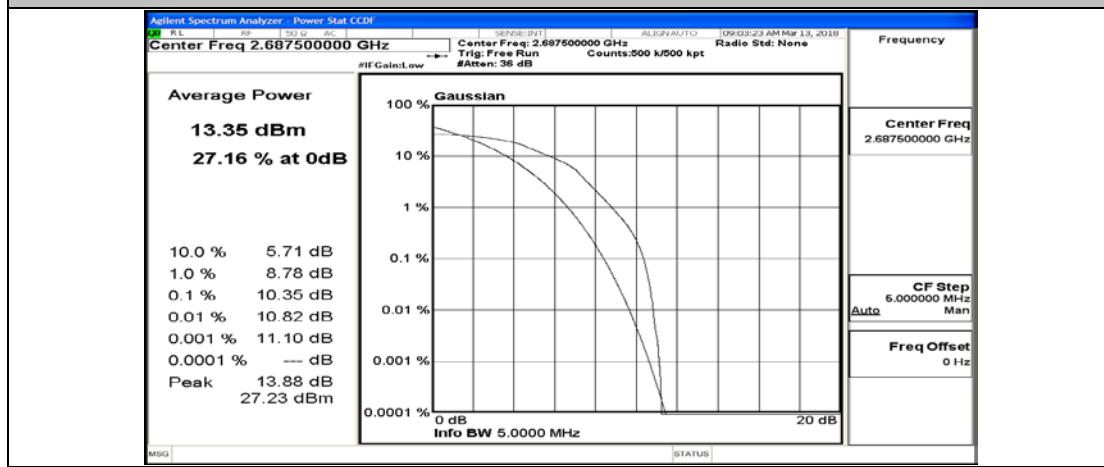
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



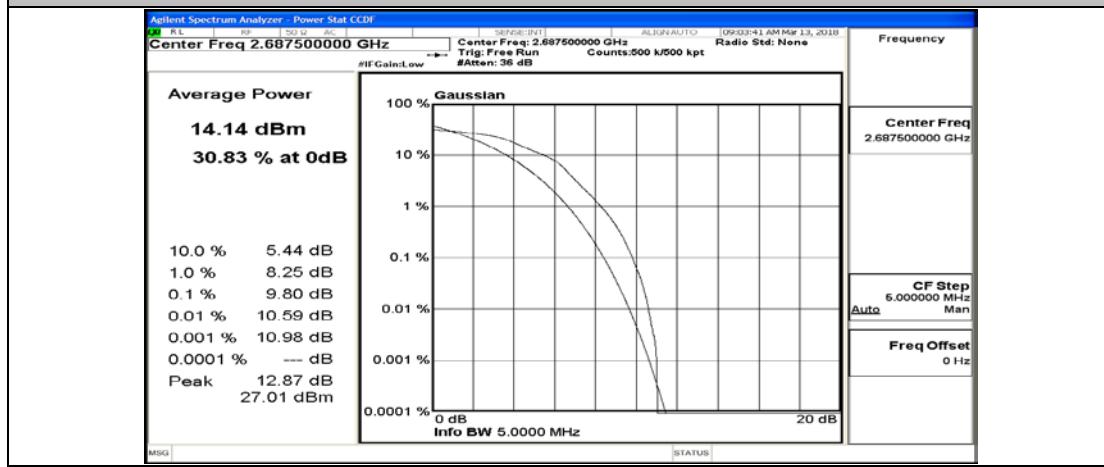
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



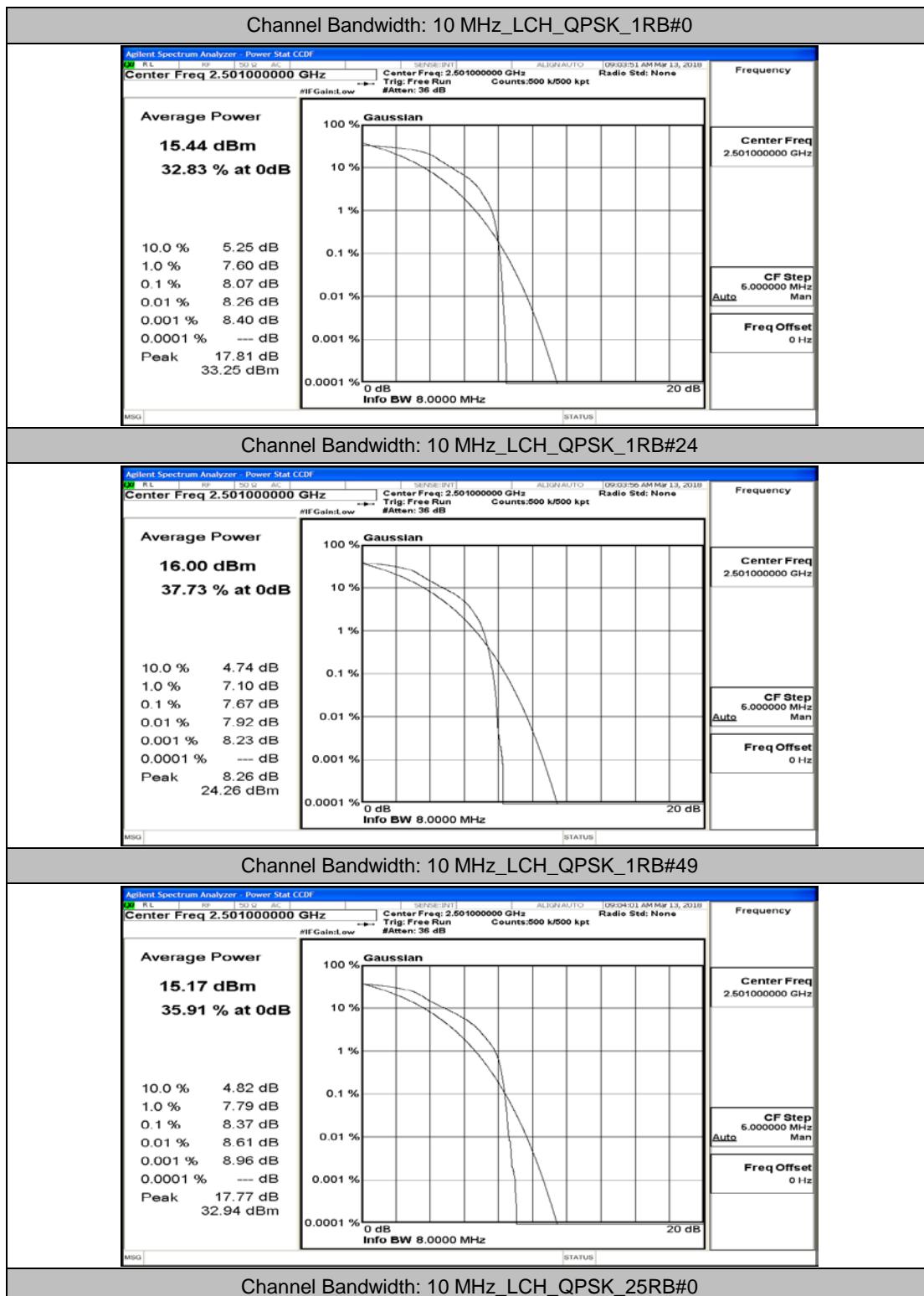
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

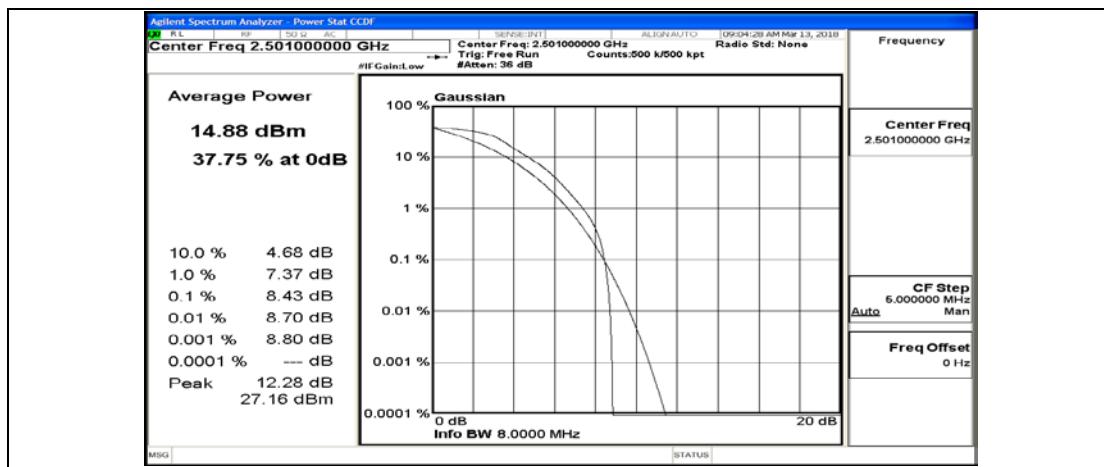


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

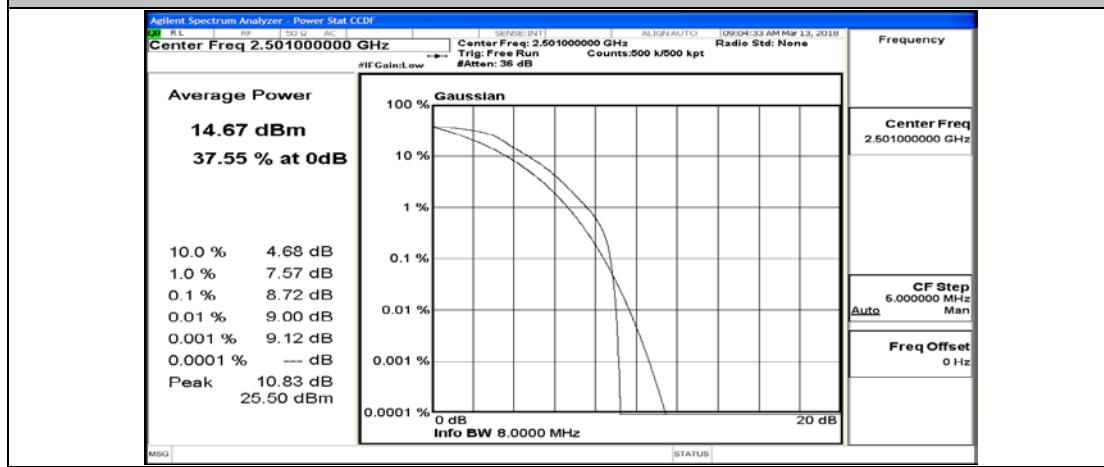


Channel Bandwidth: 10 MHz

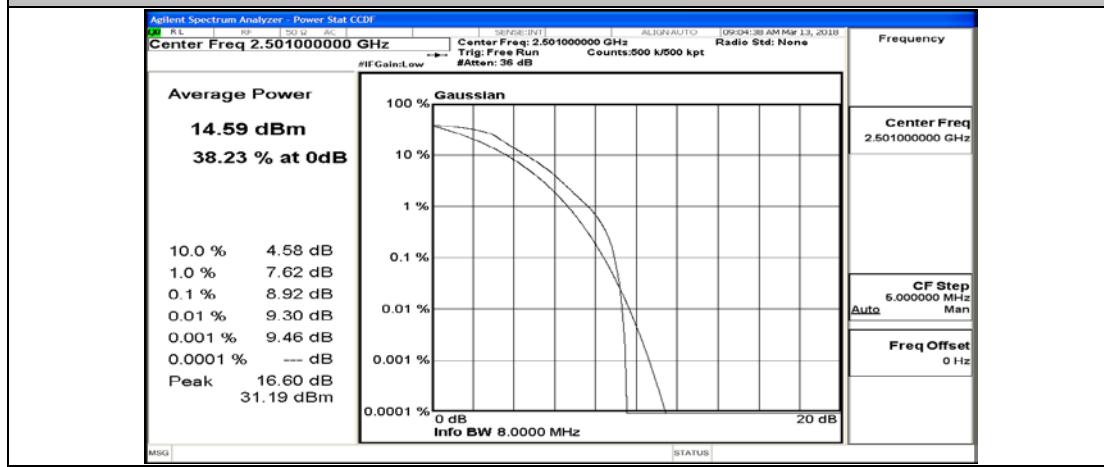




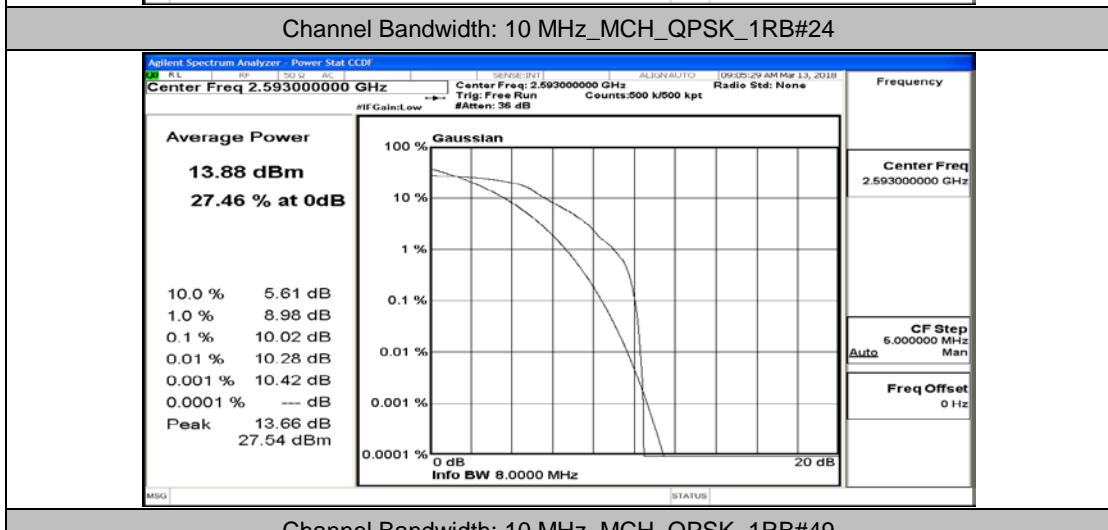
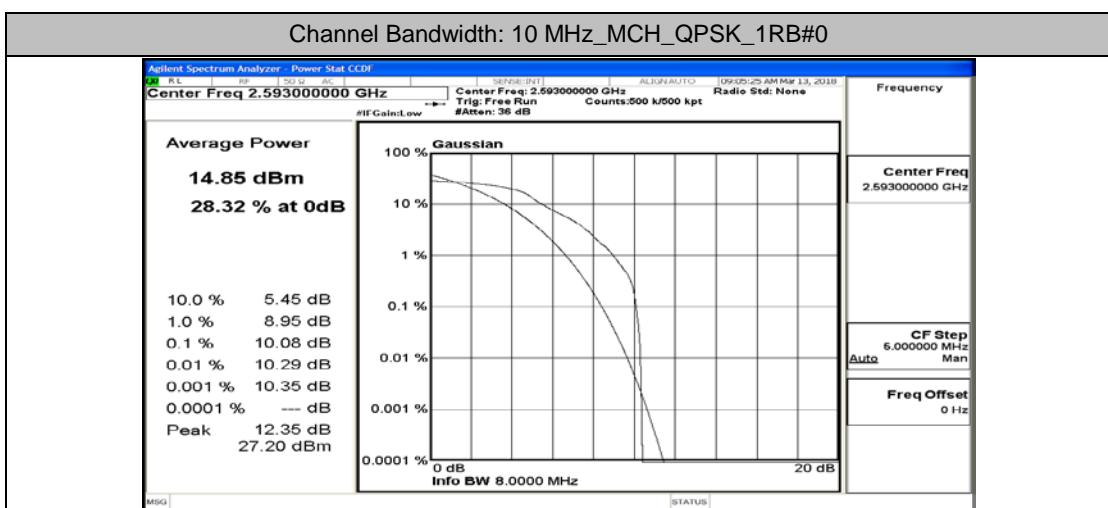
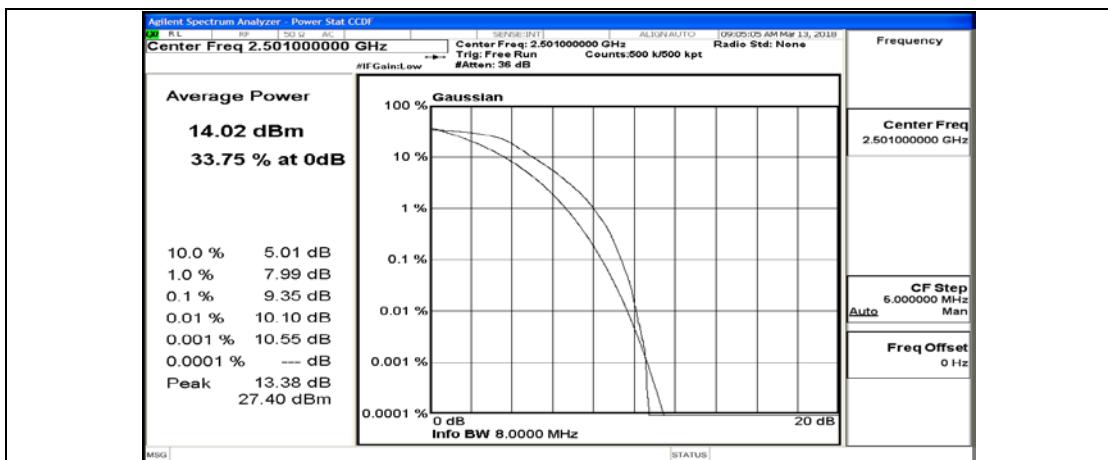
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



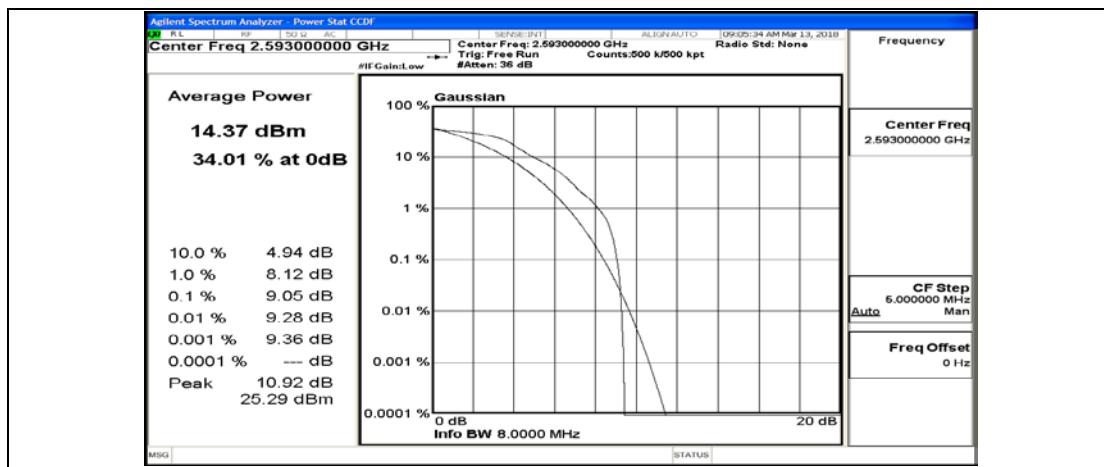
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25



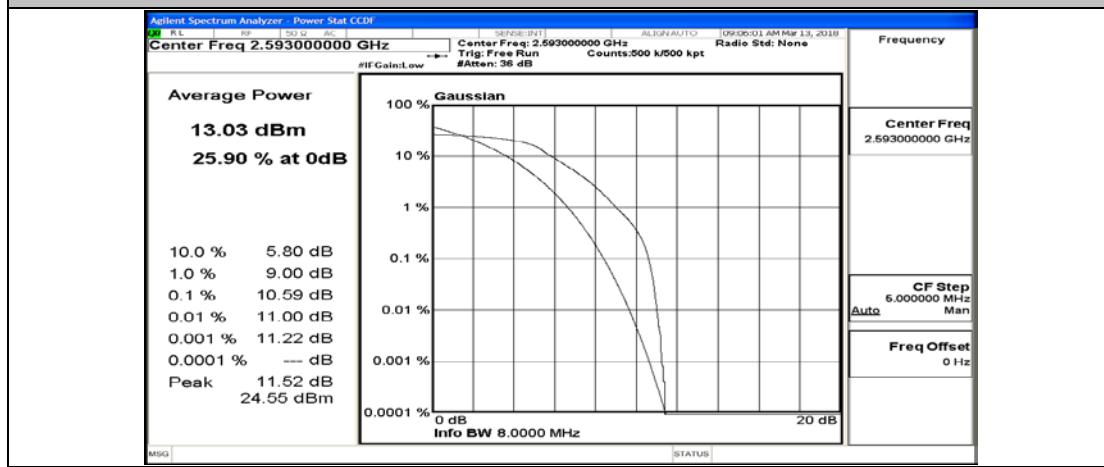
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



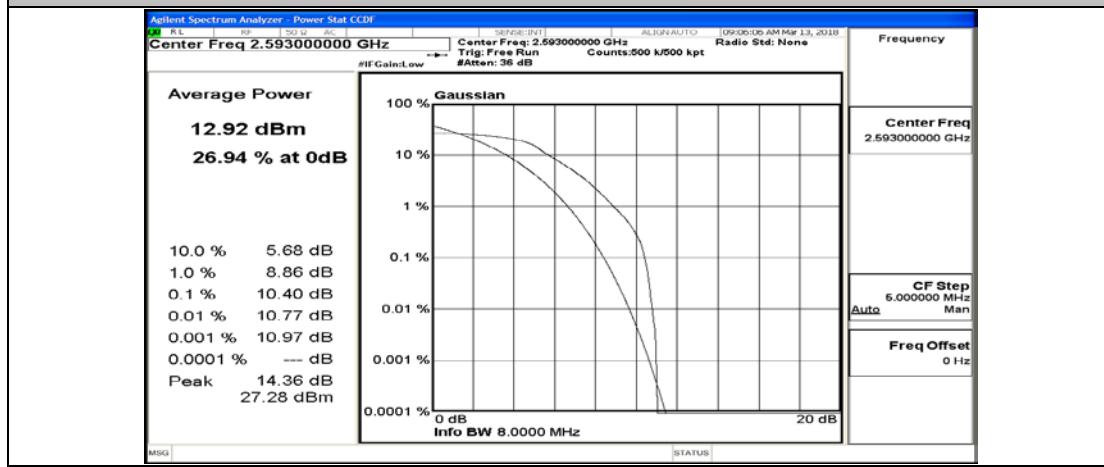
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



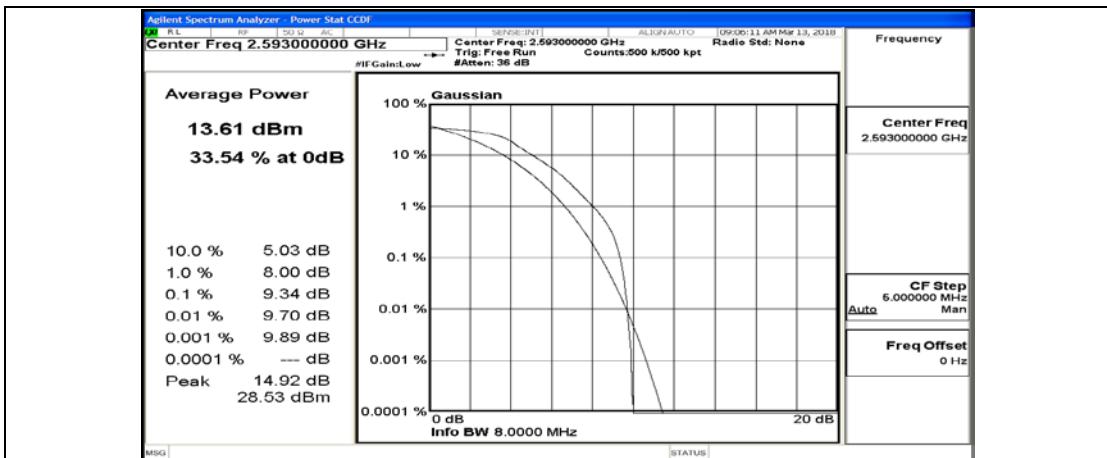
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



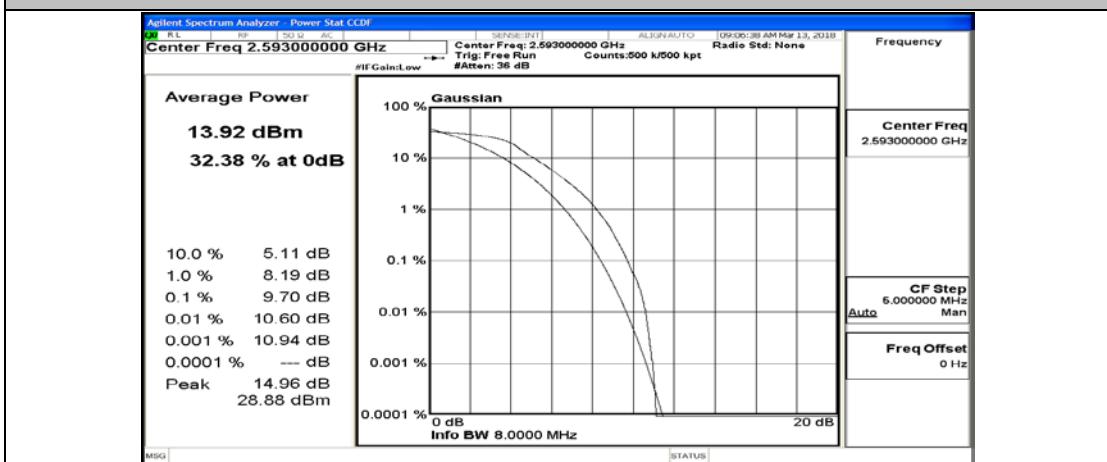
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



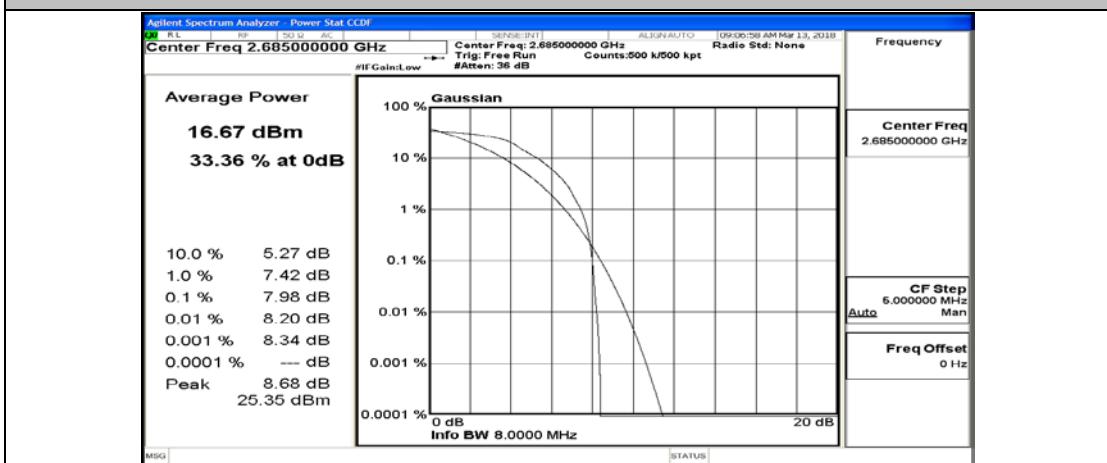
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



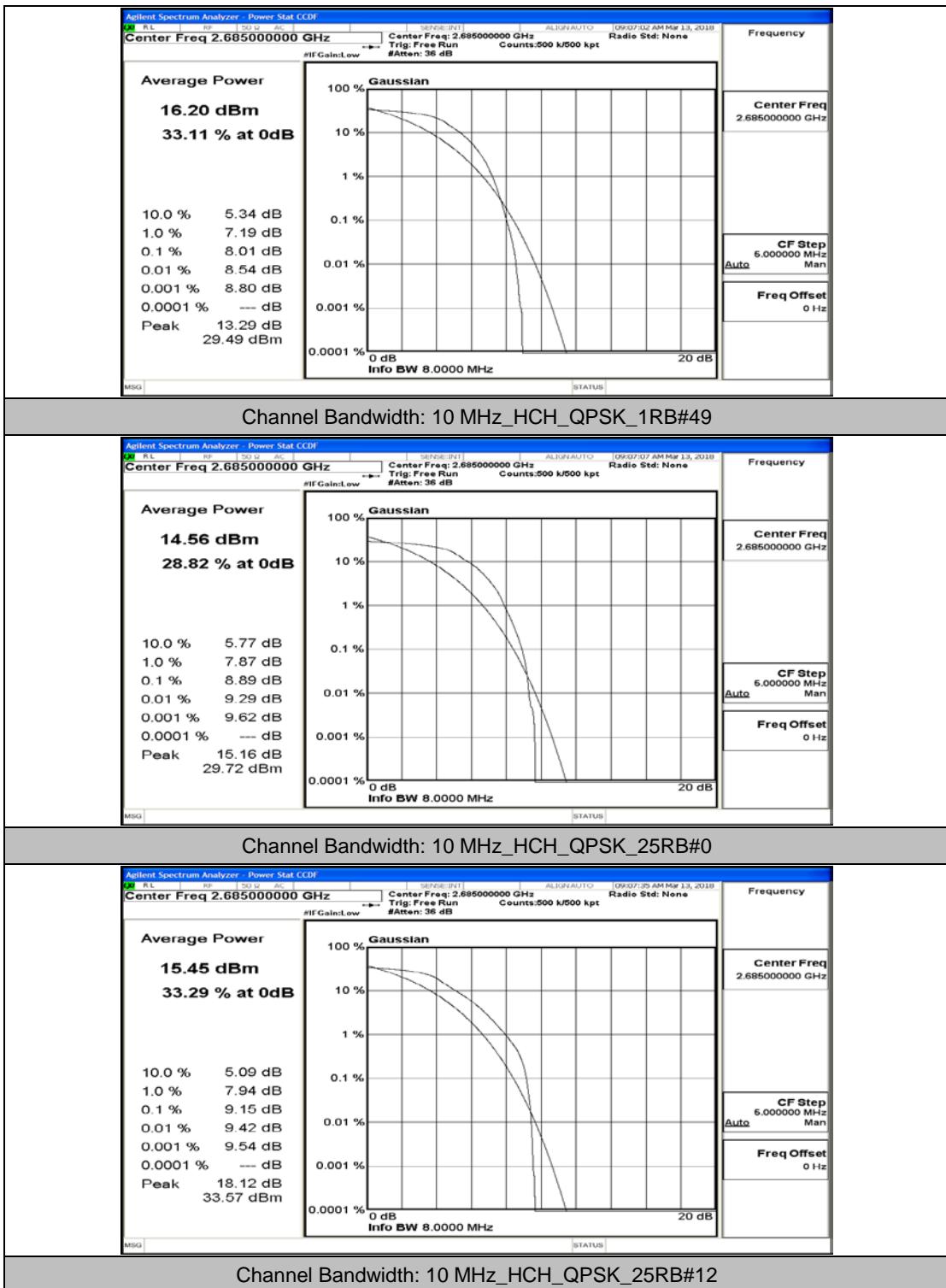
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

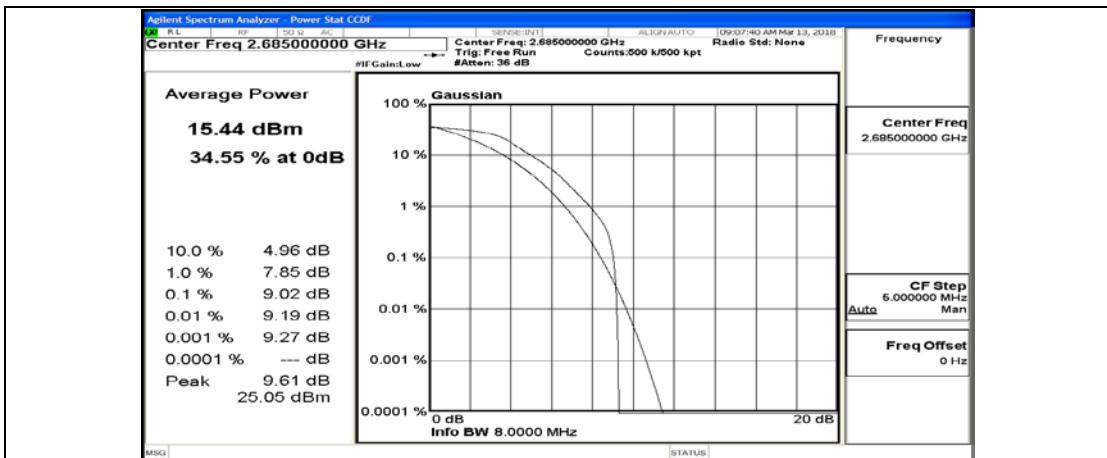


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

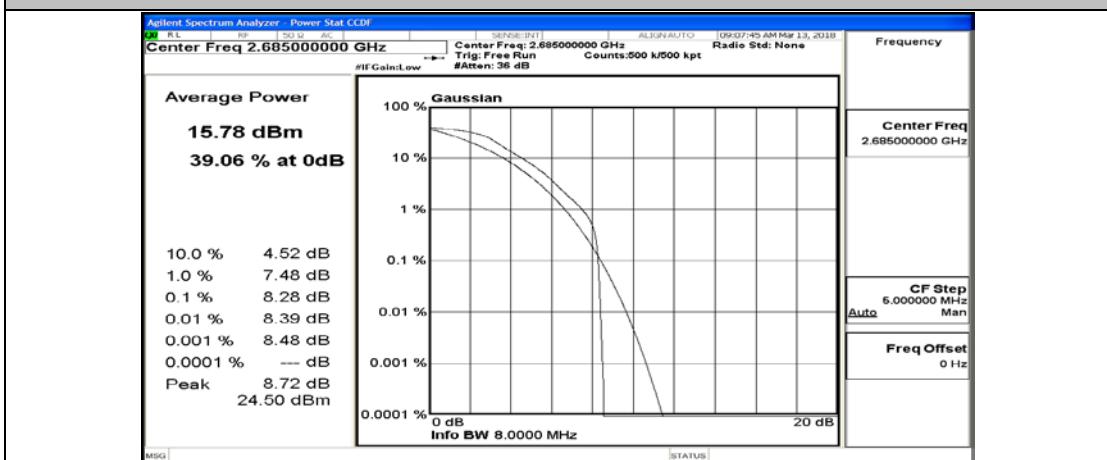


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

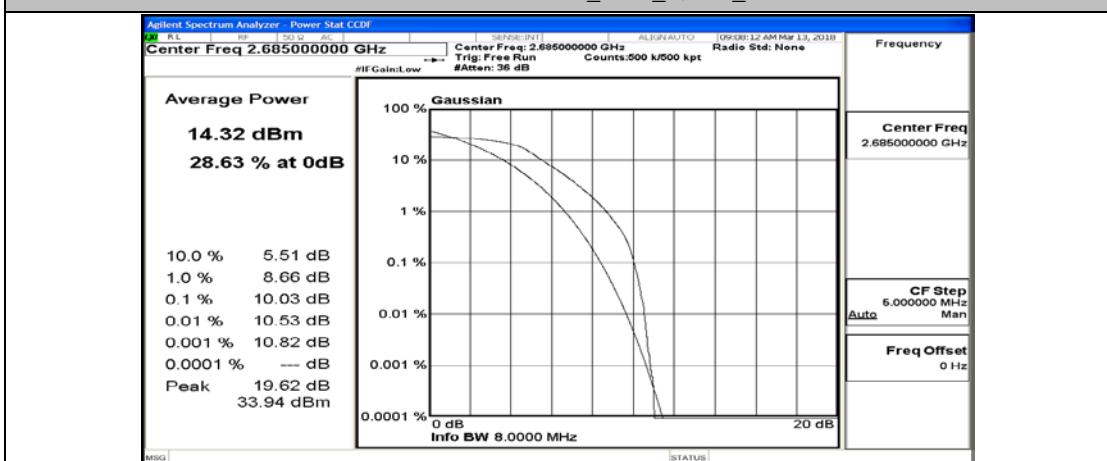




Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25



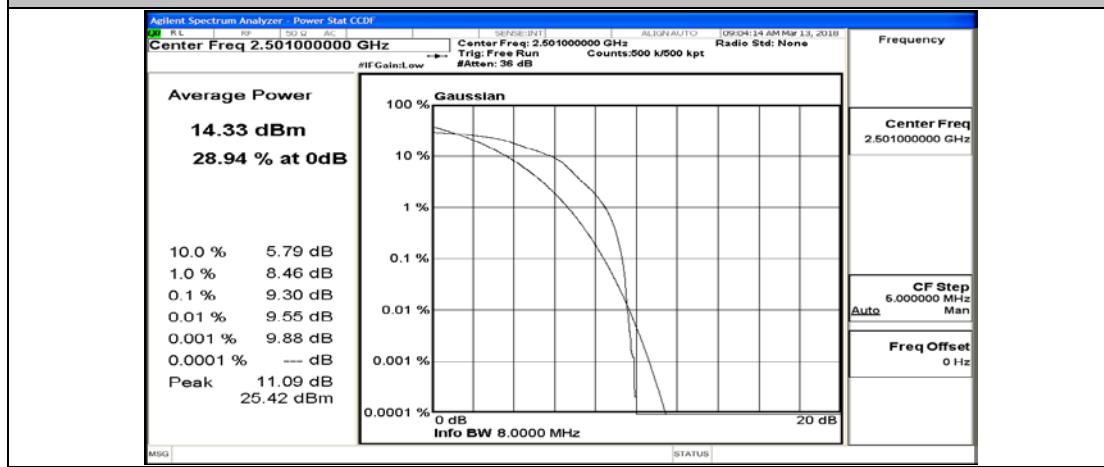
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



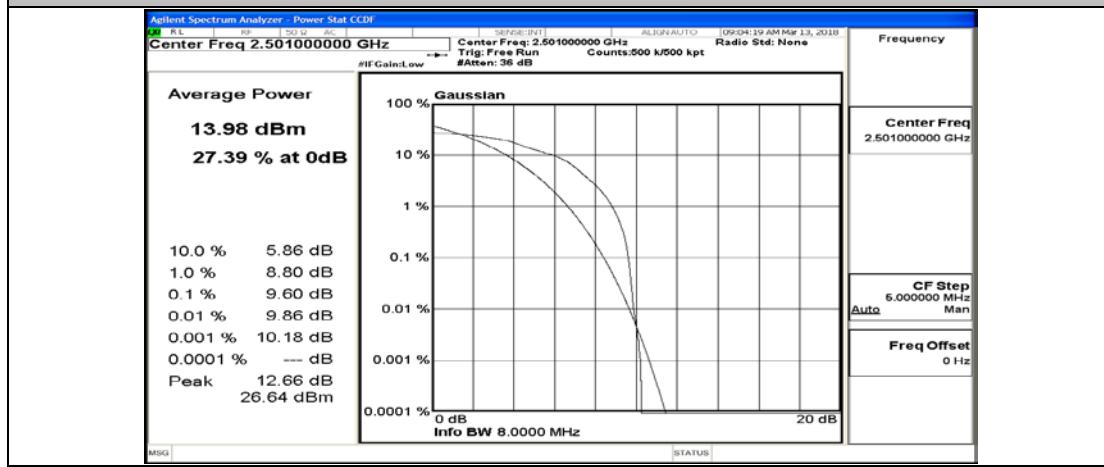
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



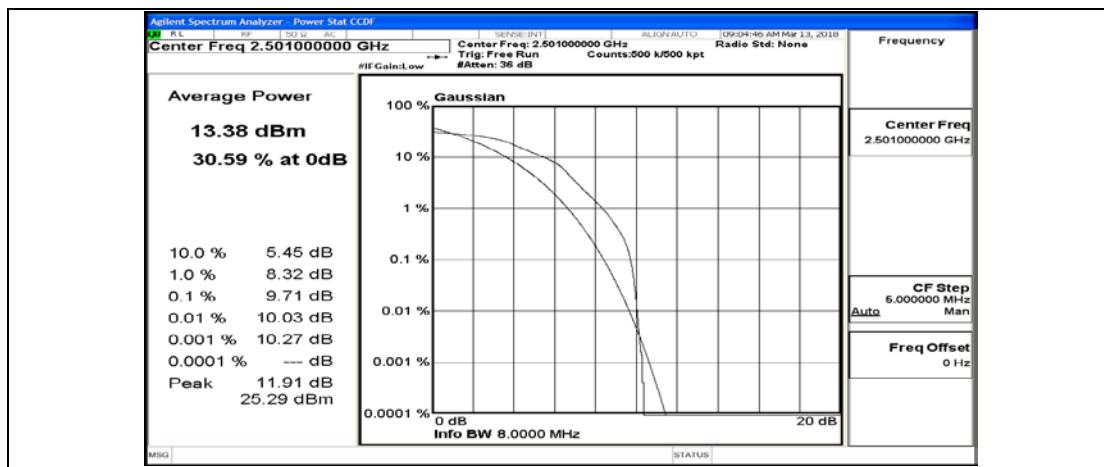
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



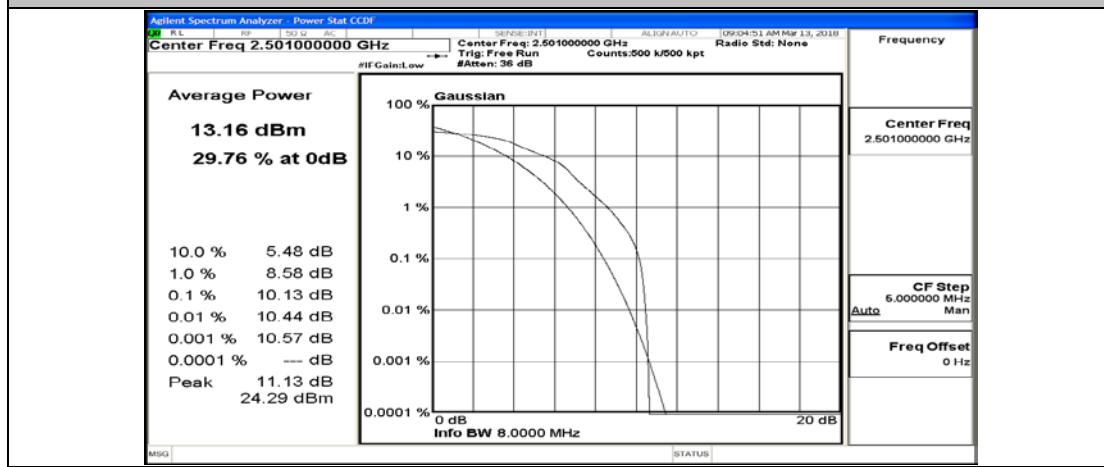
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



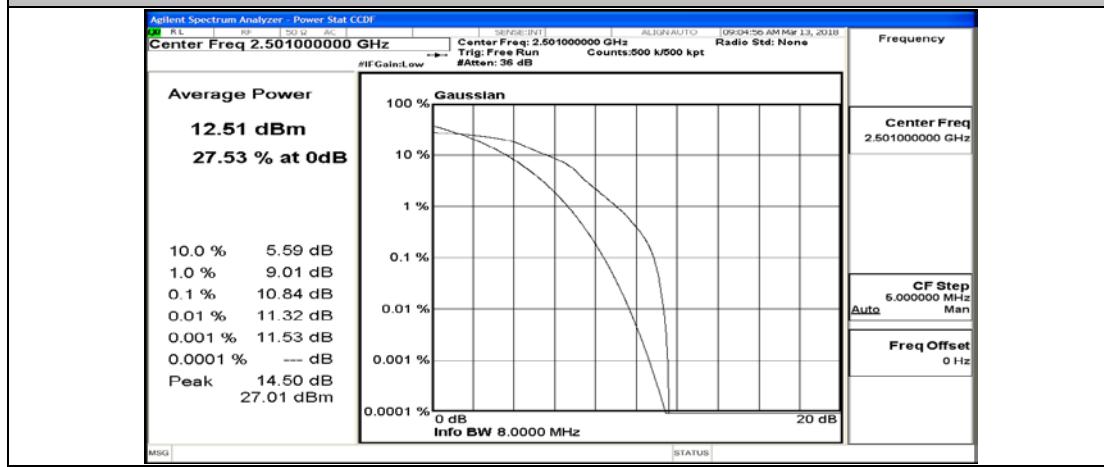
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0



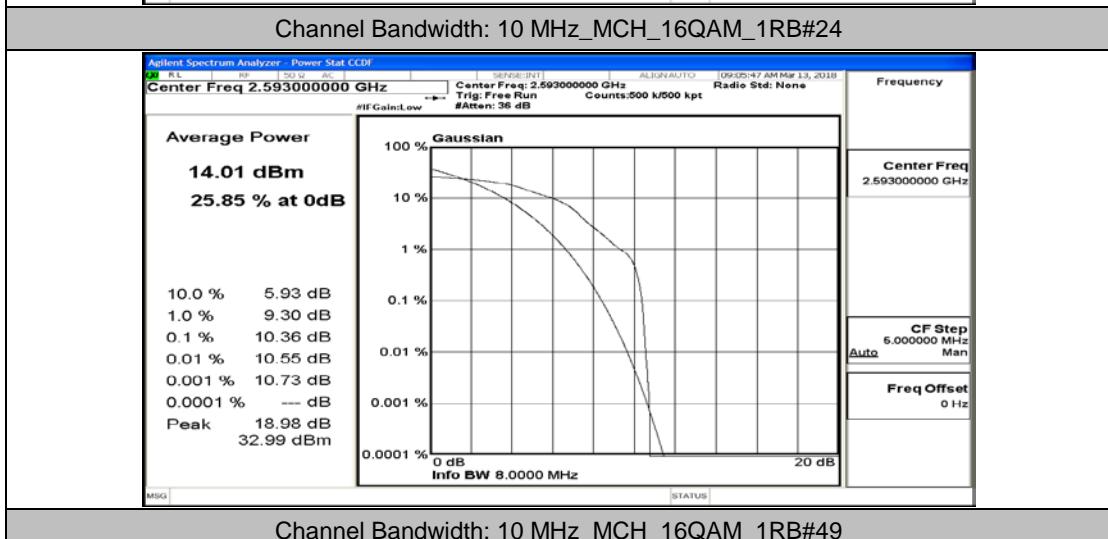
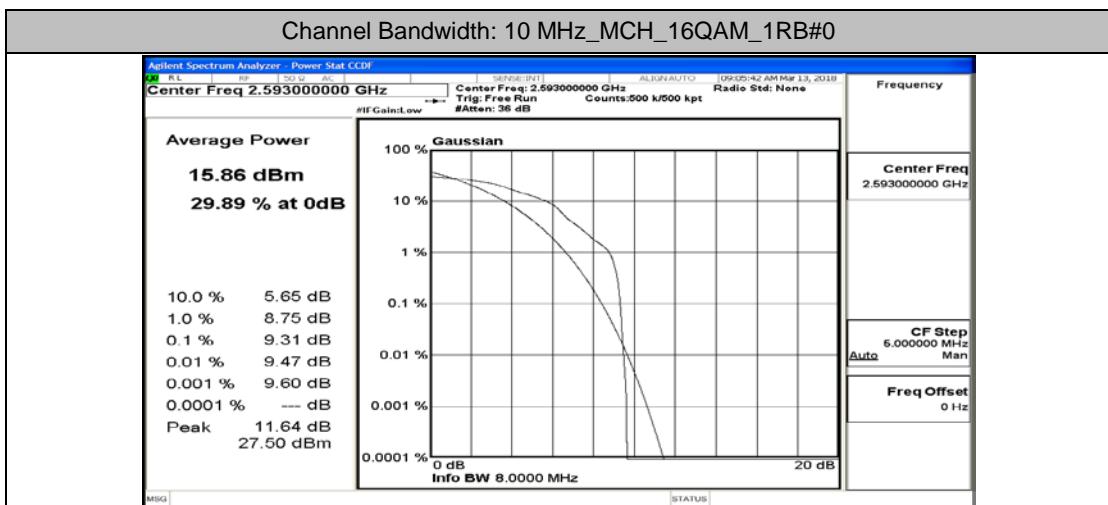
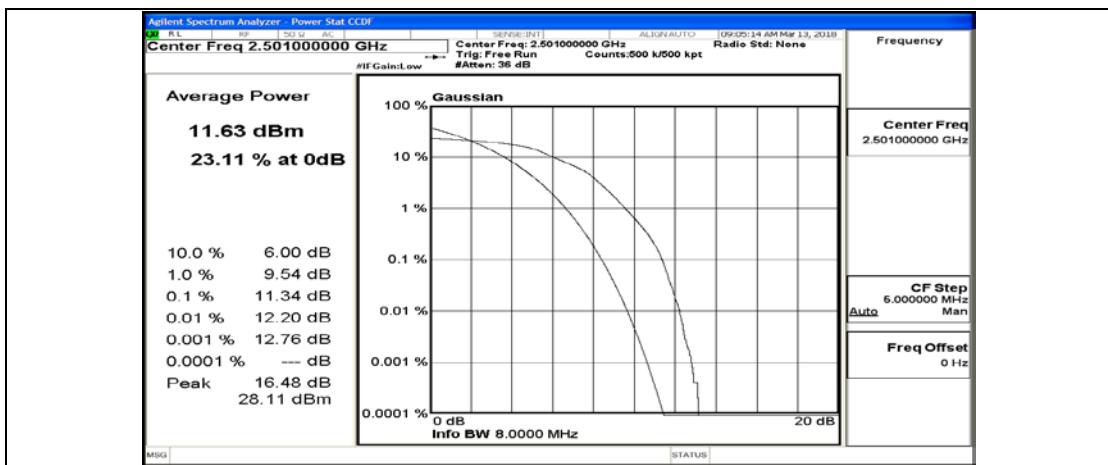
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12



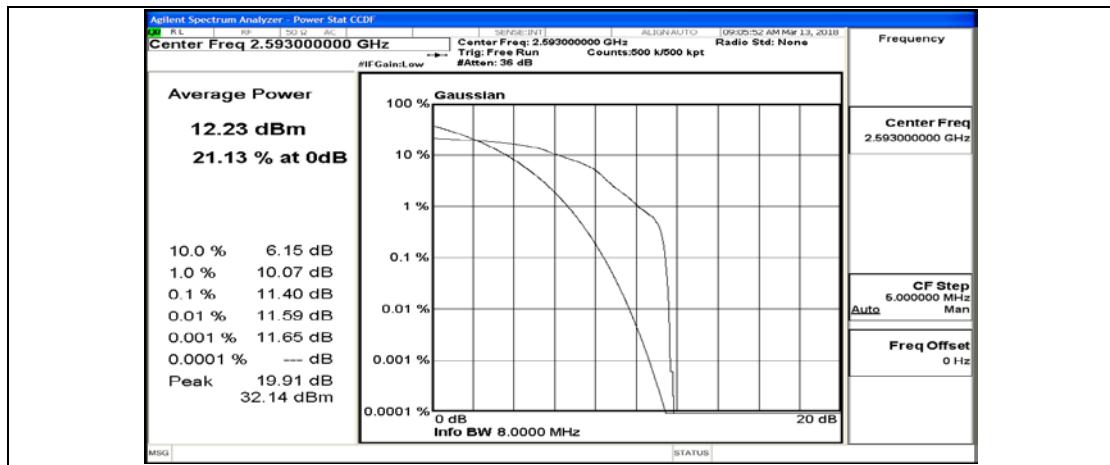
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25



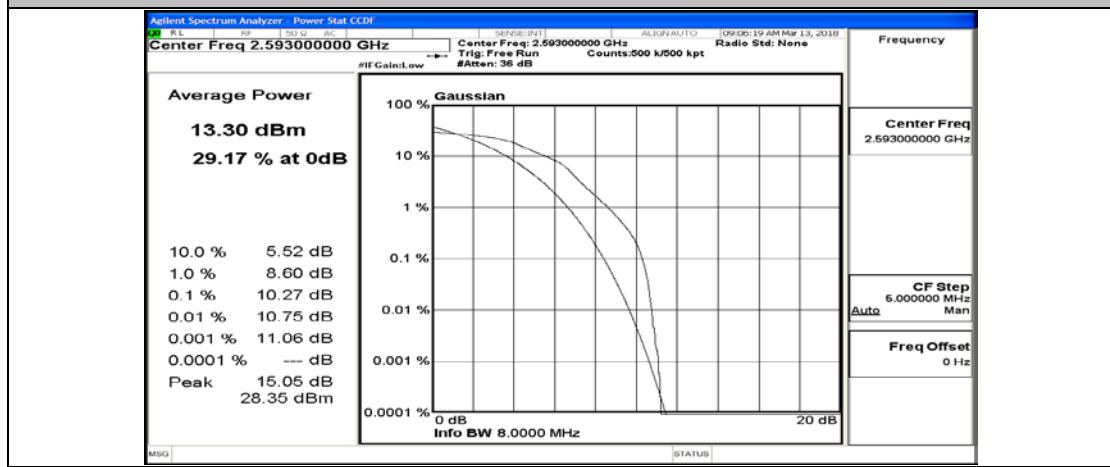
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



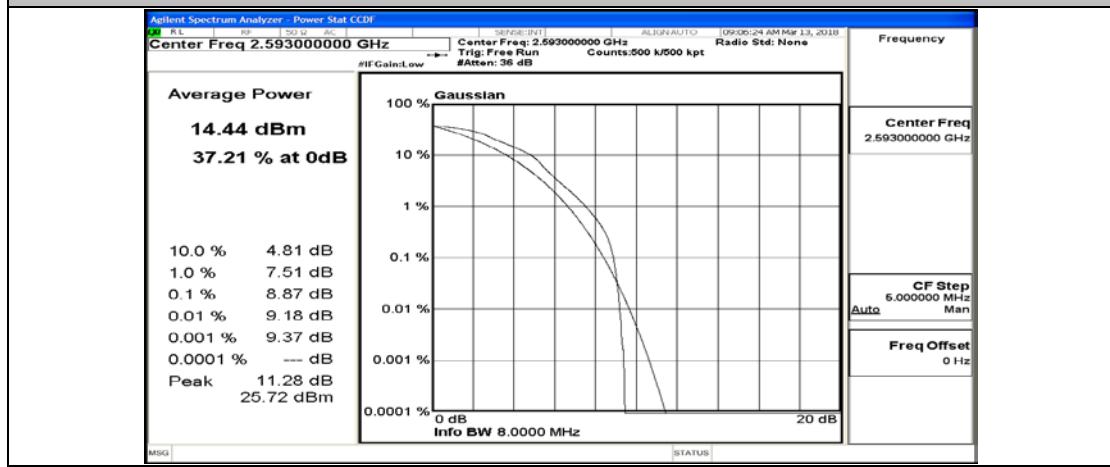
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



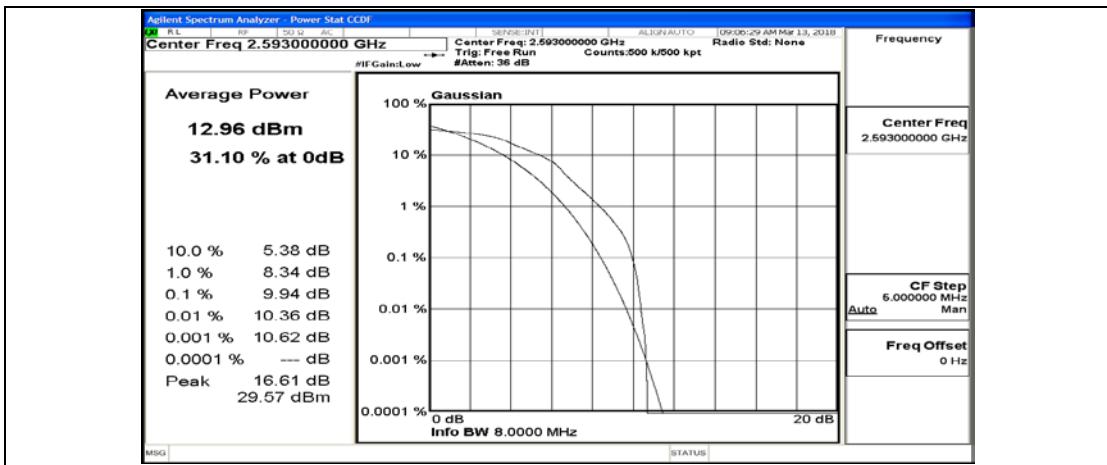
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0



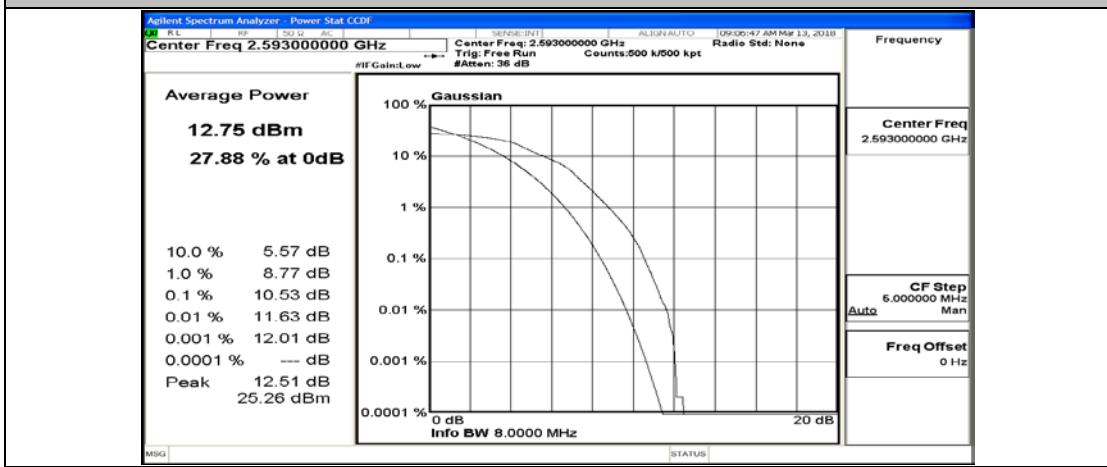
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



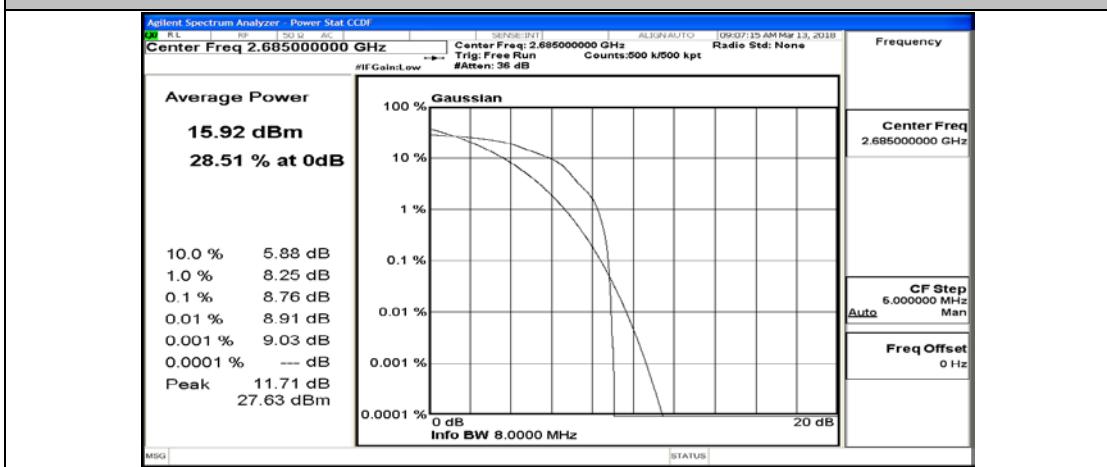
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25



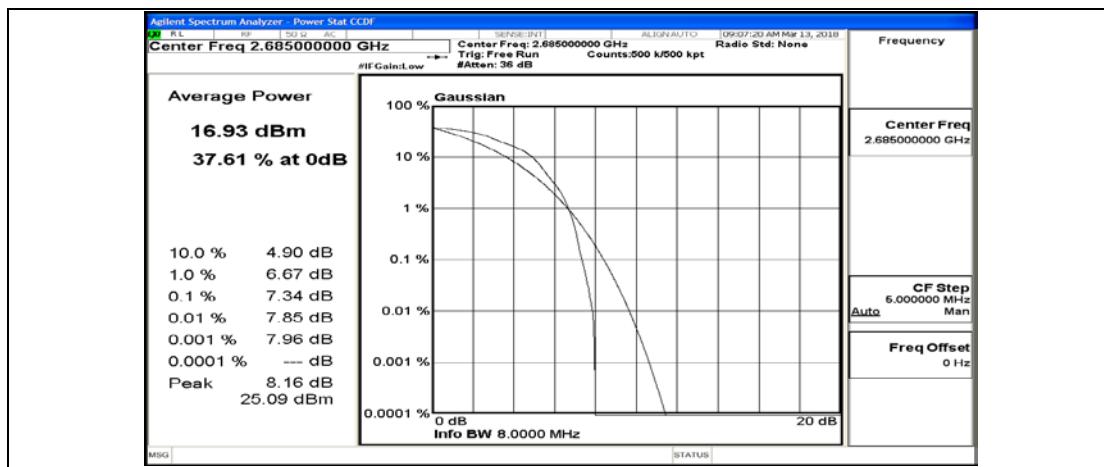
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



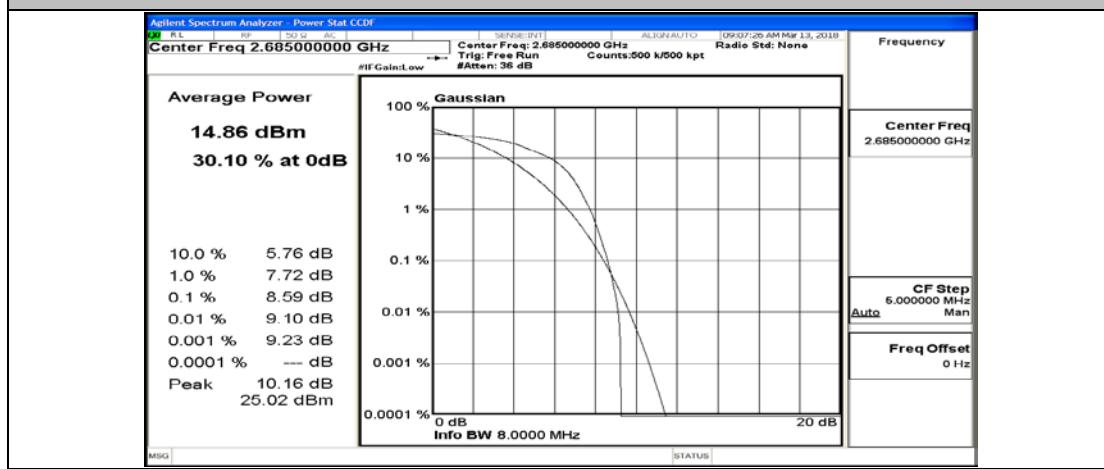
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



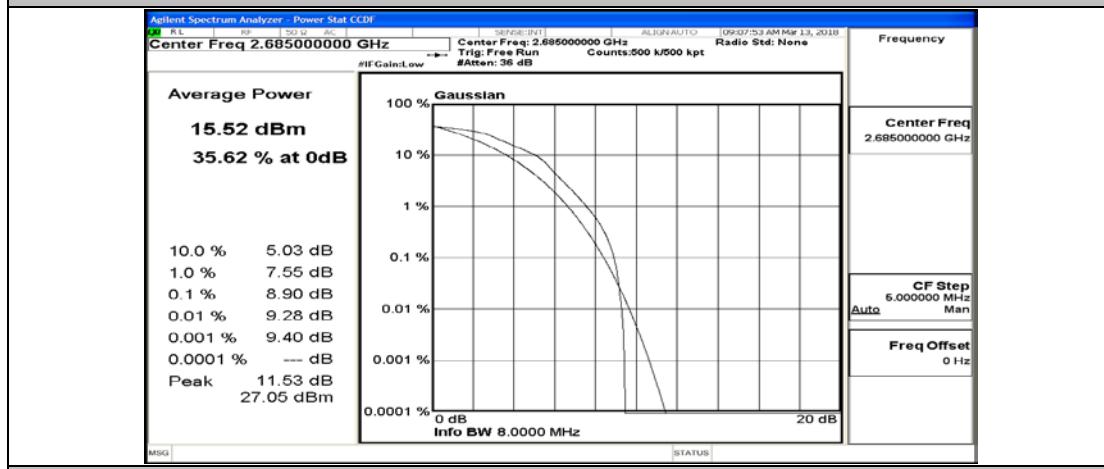
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12