

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	22.90	PASS
		1	12	23.34	PASS
		1	24	23.24	PASS
		12	0	22.16	PASS
		12	6	22.27	PASS
		12	13	22.37	PASS
		25	0	22.23	PASS
	MCH	1	0	24.14	PASS
		1	12	24.20	PASS
		1	24	24.24	PASS
		12	0	22.91	PASS
		12	6	22.96	PASS
		12	13	22.98	PASS
		25	0	22.94	PASS
16QAM	HCH	1	0	23.74	PASS
		1	12	23.61	PASS
		1	24	23.35	PASS
		12	0	22.22	PASS
		12	6	22.13	PASS
		12	13	22.05	PASS
		25	0	22.07	PASS
	LCH	1	0	21.78	PASS
		1	12	22.01	PASS
		1	24	22.10	PASS
		12	0	21.34	PASS
		12	6	21.39	PASS
		12	13	21.49	PASS
		25	0	21.25	PASS
	MCH	1	0	22.73	PASS
		1	12	22.84	PASS
		1	24	22.80	PASS
		12	0	21.93	PASS
		12	6	21.95	PASS

		12	13	21.99	PASS
		25	0	21.92	PASS
HCH		1	0	21.78	PASS
		1	12	21.71	PASS
		1	24	21.47	PASS
		12	0	21.25	PASS
		12	6	21.14	PASS
		12	13	21.07	PASS
		25	0	21.12	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.05	PASS
		1	24	23.38	PASS
		1	49	23.69	PASS
		25	0	22.33	PASS
		25	12	22.47	PASS
		25	25	22.65	PASS
		50	0	22.47	PASS
	MCH	1	0	23.85	PASS
		1	24	24.01	PASS
		1	49	24.07	PASS
		25	0	22.87	PASS
		25	12	22.96	PASS
		25	25	23.03	PASS
		50	0	22.93	PASS
	HCH	1	0	23.22	PASS
		1	24	22.80	PASS
		1	49	22.76	PASS
		25	0	22.49	PASS
		25	12	22.30	PASS
		25	25	22.15	PASS
		50	0	22.31	PASS
16QAM	LCH	1	0	22.30	PASS
		1	24	21.61	PASS
		1	49	21.98	PASS
		25	0	21.30	PASS
		25	12	21.46	PASS
		25	25	21.66	PASS
		50	0	21.45	PASS
	MCH	1	0	22.90	PASS

		1	24	23.01	PASS
		1	49	23.11	PASS
		25	0	21.85	PASS
		25	12	21.93	PASS
		25	25	21.99	PASS
		50	0	21.92	PASS
	HCH	1	0	22.38	PASS
		1	24	22.06	PASS
		1	49	21.77	PASS
		25	0	21.50	PASS
		25	12	21.34	PASS
		25	25	21.17	PASS
		50	0	21.35	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.09	PASS
		1	37	23.06	PASS
		1	74	23.04	PASS
		37	0	22.55	PASS
		37	18	22.78	PASS
		37	38	22.02	PASS
		75	0	22.80	PASS
	MCH	1	0	23.77	PASS
		1	37	24.04	PASS
		1	74	24.06	PASS
		37	0	23.13	PASS
		37	18	23.23	PASS
		37	38	23.26	PASS
		75	0	23.19	PASS
	HCH	1	0	23.70	PASS
		1	37	23.18	PASS
		1	74	23.05	PASS
		37	0	22.41	PASS
		37	18	22.20	PASS
		37	38	21.90	PASS
		75	0	22.17	PASS
16QAM	LCH	1	0	22.36	PASS
		1	37	22.97	PASS
		1	74	22.33	PASS
		37	0	21.51	PASS

		37	18	21.72	PASS
		37	38	21.98	PASS
		75	0	21.75	PASS
MCH		1	0	22.83	PASS
		1	37	23.10	PASS
		1	74	23.17	PASS
		37	0	21.98	PASS
		37	18	22.08	PASS
		37	38	22.14	PASS
		75	0	22.08	PASS
		1	0	22.72	PASS
HCH		1	37	22.27	PASS
		1	74	21.73	PASS
		37	0	21.38	PASS
		37	18	21.15	PASS
		37	38	20.86	PASS
		75	0	21.10	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.29	PASS
		1	49	23.89	PASS
		1	99	23.38	PASS
		50	0	22.56	PASS
		50	25	22.86	PASS
		50	50	22.17	PASS
		100	0	21.86	PASS
	MCH	1	0	23.82	PASS
		1	49	24.20	PASS
		1	99	24.24	PASS
		50	0	22.88	PASS
		50	25	23.00	PASS
		50	50	23.29	PASS
		100	0	22.96	PASS
	HCH	1	0	24.07	PASS
		1	49	23.44	PASS
		1	99	22.71	PASS
		50	0	22.60	PASS
		50	25	22.25	PASS
		50	50	21.95	PASS
		100	0	22.23	PASS

16QAM	LCH	1	0	22.43	PASS
		1	49	22.05	PASS
		1	99	22.56	PASS
		50	0	21.54	PASS
		50	25	21.86	PASS
		50	50	21.15	PASS
		100	0	21.84	PASS
	MCH	1	0	22.86	PASS
		1	49	23.15	PASS
		1	99	23.26	PASS
		50	0	21.84	PASS
		50	25	21.95	PASS
		50	50	22.05	PASS
		100	0	21.94	PASS
	HCH	1	0	23.17	PASS
		1	49	22.48	PASS
		1	99	21.90	PASS
		50	0	21.62	PASS
		50	25	21.28	PASS
		50	50	20.98	PASS
		100	0	21.23	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	3.49	<13	PASS
		1	12	3.37	<13	PASS
		1	24	3.4	<13	PASS
		12	0	4.73	<13	PASS
		12	6	4.7	<13	PASS
		12	13	4.72	<13	PASS
		25	0	4.81	<13	PASS
	MCH	1	0	2.25	<13	PASS
		1	12	2.19	<13	PASS
		1	24	2.4	<13	PASS
		12	0	3.37	<13	PASS
		12	6	3.35	<13	PASS
		12	13	3.38	<13	PASS
		25	0	3.43	<13	PASS
16QAM	LCH	1	0	3.53	<13	PASS
		1	12	3.88	<13	PASS
		1	24	4.08	<13	PASS
		12	0	4.85	<13	PASS
		12	6	5.04	<13	PASS
		12	13	5.13	<13	PASS
		25	0	5.11	<13	PASS
	MCH	1	0	4.42	<13	PASS
		1	12	4.36	<13	PASS
		1	24	4.35	<13	PASS
		12	0	5.59	<13	PASS
		12	6	5.53	<13	PASS
		12	13	5.56	<13	PASS
		25	0	5.66	<13	PASS

		12	13	4.4	<13	PASS
		25	0	4.4	<13	PASS
HCH	1	0	4.39	<13	PASS	
	1	12	4.66	<13	PASS	
	1	24	4.95	<13	PASS	
	12	0	5.66	<13	PASS	
	12	6	5.73	<13	PASS	
	12	13	5.9	<13	PASS	
	25	0	5.84	<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	3.66	<13	PASS
		1	24	3.6	<13	PASS
		1	49	3.84	<13	PASS
		25	0	4.76	<13	PASS
		25	12	4.78	<13	PASS
		25	25	4.88	<13	PASS
		50	0	4.85	<13	PASS
	MCH	1	0	2.47	<13	PASS
		1	24	2.27	<13	PASS
		1	49	2.63	<13	PASS
		25	0	3.43	<13	PASS
		25	12	3.4	<13	PASS
		25	25	3.53	<13	PASS
		50	0	3.51	<13	PASS
	HCH	1	0	2.98	<13	PASS
		1	24	3.36	<13	PASS
		1	49	3.9	<13	PASS
		25	0	4.47	<13	PASS
		25	12	4.69	<13	PASS
		25	25	4.98	<13	PASS
		50	0	4.78	<13	PASS
16QAM	LCH	1	0	4.4	<13	PASS
		1	24	4.38	<13	PASS
		1	49	4.62	<13	PASS
		25	0	5.6	<13	PASS
		25	12	5.68	<13	PASS
		25	25	5.63	<13	PASS

		50	0	5.65	<13	PASS
MCH	1	0		3.35	<13	PASS
	1	24		3.23	<13	PASS
	1	49		3.58	<13	PASS
	25	0		4.38	<13	PASS
	25	12		4.38	<13	PASS
	25	25		4.46	<13	PASS
	50	0		4.44	<13	PASS
HCH	1	0		3.96	<13	PASS
	1	24		4.37	<13	PASS
	1	49		4.85	<13	PASS
	25	0		5.31	<13	PASS
	25	12		5.49	<13	PASS
	25	25		5.77	<13	PASS
	50	0		5.6	<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	3.6	<13	PASS
		1	37	3.73	<13	PASS
		1	74	4.16	<13	PASS
		37	0	4.73	<13	PASS
		37	18	4.83	<13	PASS
		37	38	5.00	<13	PASS
		75	0	5.26	<13	PASS
QPSK	MCH	1	0	2.63	<13	PASS
		1	37	2.23	<13	PASS
		1	74	2.91	<13	PASS
		37	0	3.35	<13	PASS
		37	18	3.18	<13	PASS
		37	38	3.48	<13	PASS
		75	0	3.95	<13	PASS
QPSK	HCH	1	0	3.23	<13	PASS
		1	37	3.07	<13	PASS
		1	74	3.89	<13	PASS
		37	0	4.35	<13	PASS
		37	18	4.36	<13	PASS
		37	38	4.74	<13	PASS
		75	0	4.99	<13	PASS

16QAM	LCH	1	0	4.43	<13	PASS
		1	37	4.44	<13	PASS
		1	74	4.63	<13	PASS
		37	0	5.61	<13	PASS
		37	18	5.7	<13	PASS
		37	38	5.83	<13	PASS
		75	0	5.91	<13	PASS
	MCH	1	0	3.63	<13	PASS
		1	37	3.22	<13	PASS
		1	74	3.75	<13	PASS
		37	0	4.41	<13	PASS
		37	18	4.25	<13	PASS
		37	38	4.49	<13	PASS
		75	0	4.85	<13	PASS
	HCH	1	0	4.16	<13	PASS
		1	37	4.02	<13	PASS
		1	74	4.88	<13	PASS
		37	0	5.32	<13	PASS
		37	18	5.33	<13	PASS
		37	38	5.61	<13	PASS
		75	0	5.68	<13	PASS

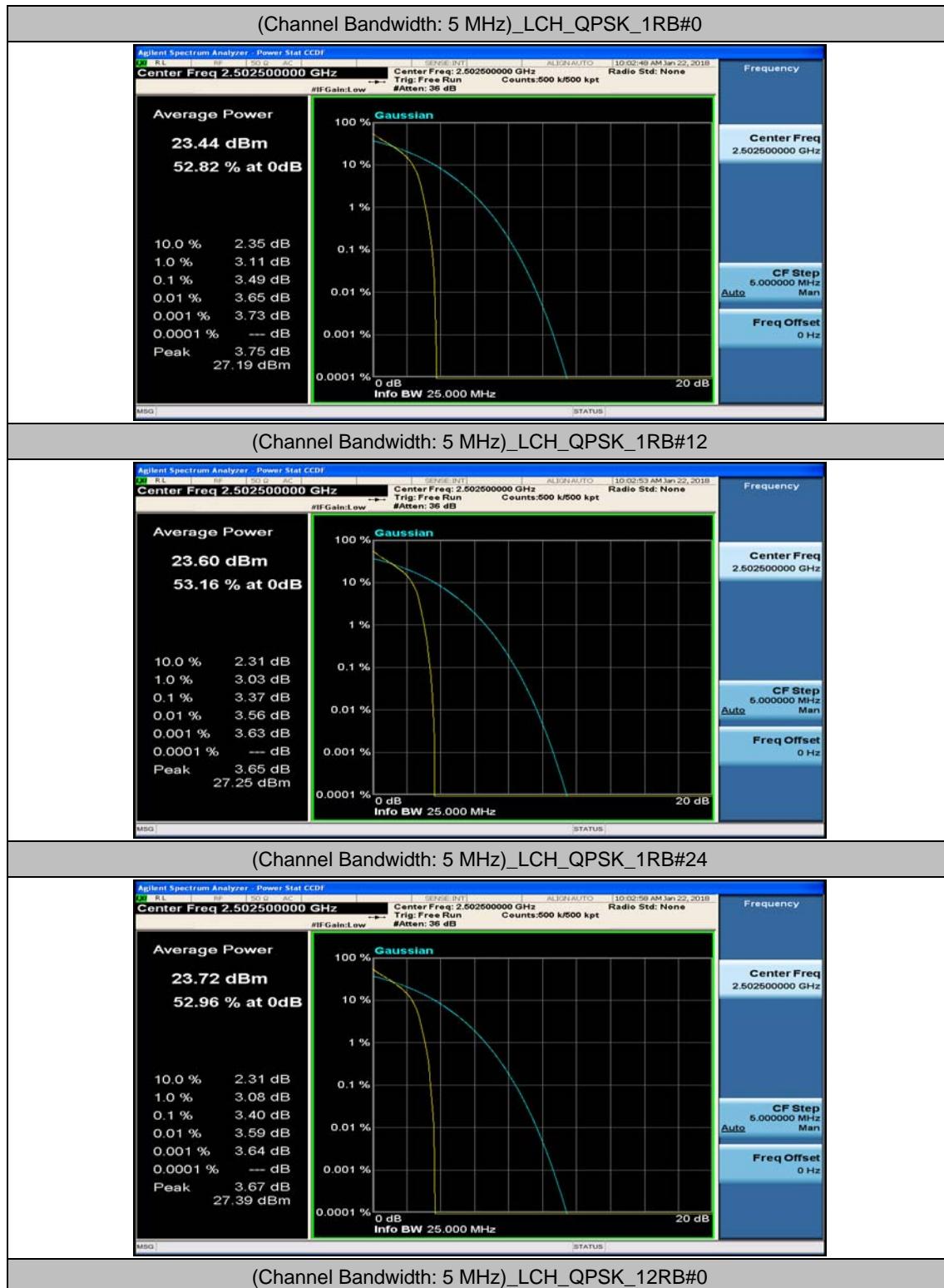
Channel Bandwidth: 20 MHz

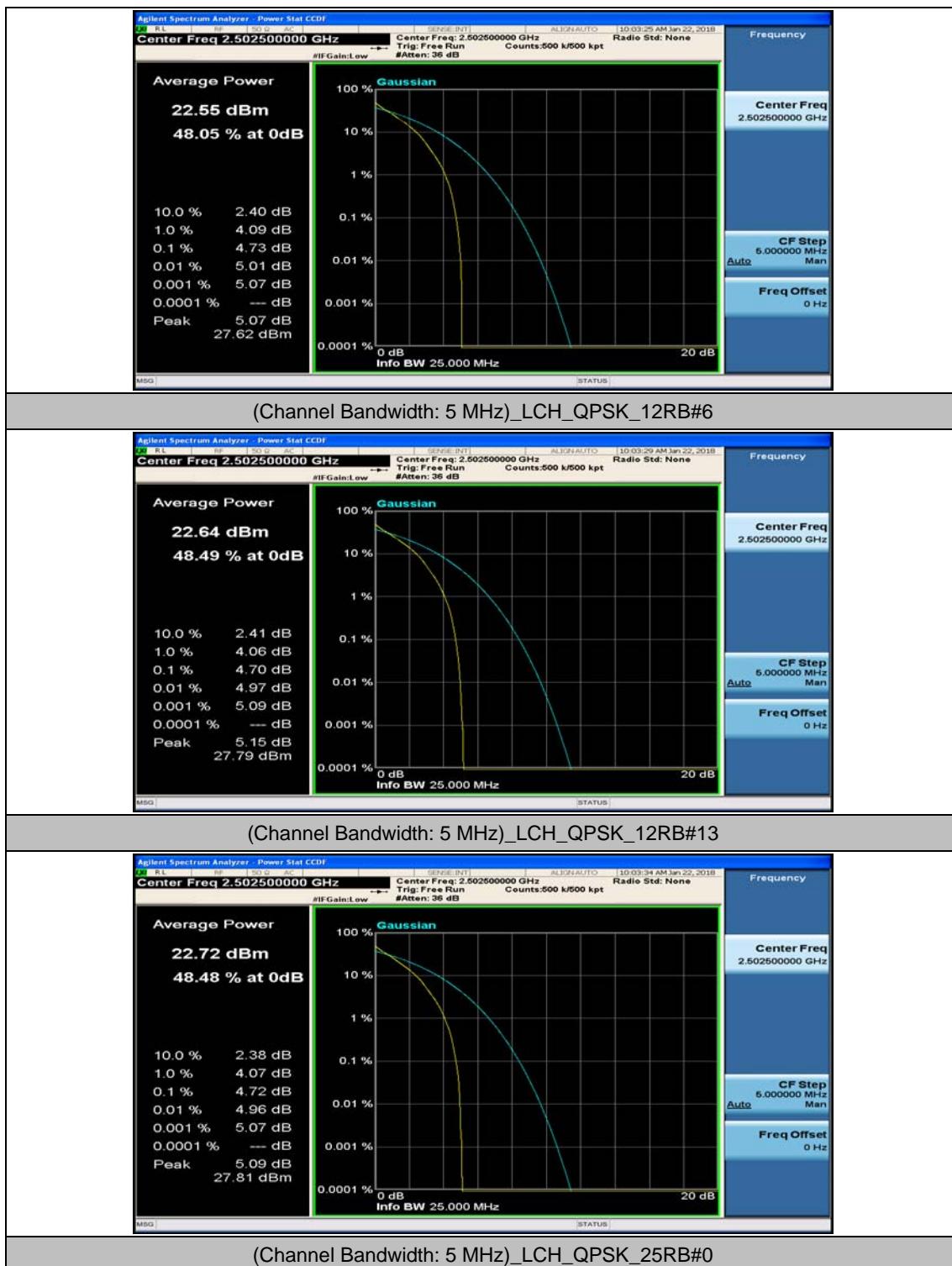
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.41	<13	PASS
		1	49	3.84	<13	PASS
		1	99	3.9	<13	PASS
		50	0	4.89	<13	PASS
		50	25	5.02	<13	PASS
		50	50	5.2	<13	PASS
		100	0	5.26	<13	PASS
	MCH	1	0	2.88	<13	PASS
		1	49	2.18	<13	PASS
		1	99	3.21	<13	PASS
		50	0	3.79	<13	PASS
		50	25	3.46	<13	PASS
		50	50	3.94	<13	PASS
		100	0	4.46	<13	PASS
	HCH	1	0	3.54	<13	PASS

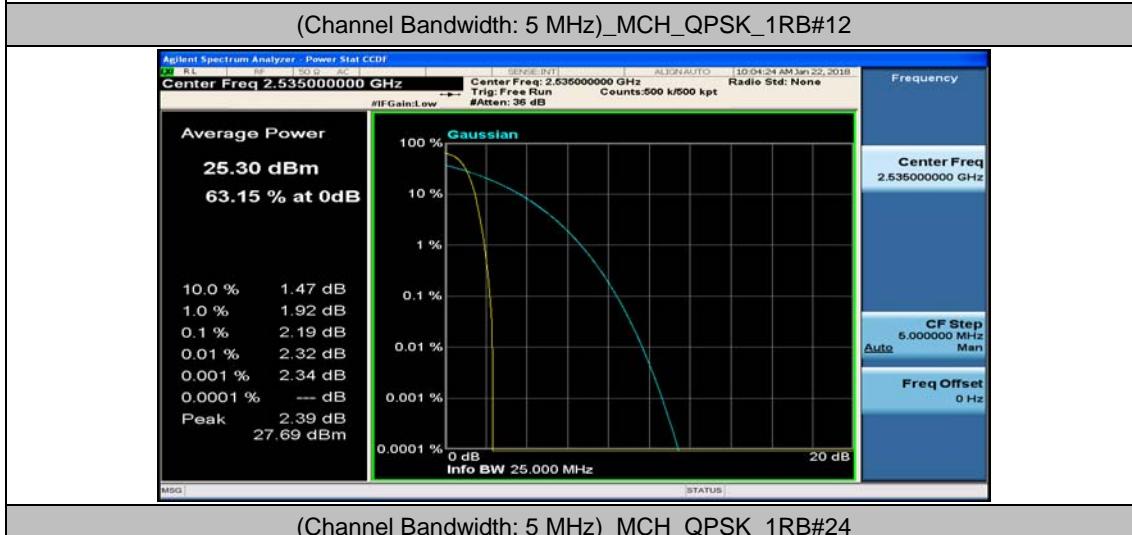
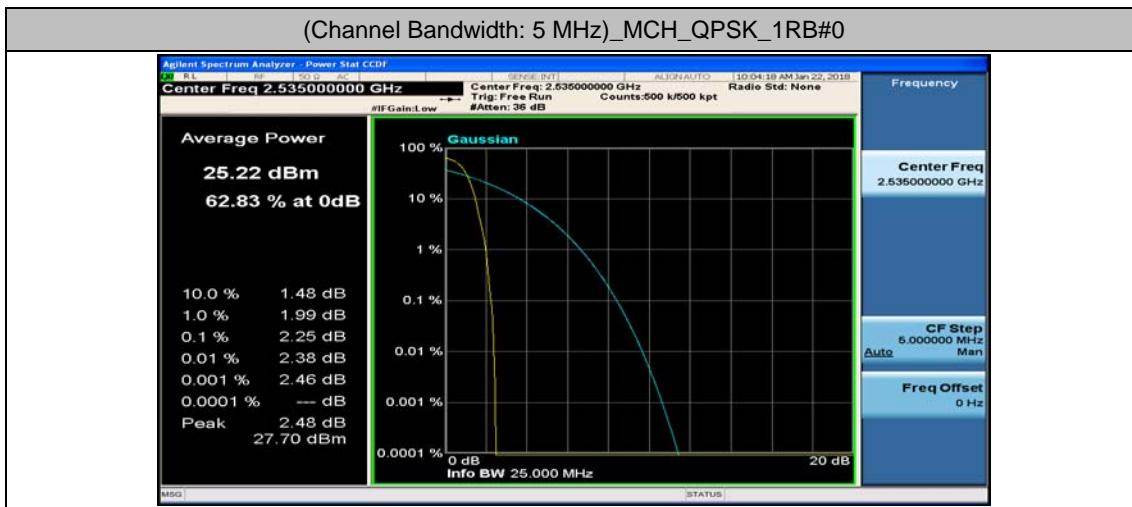
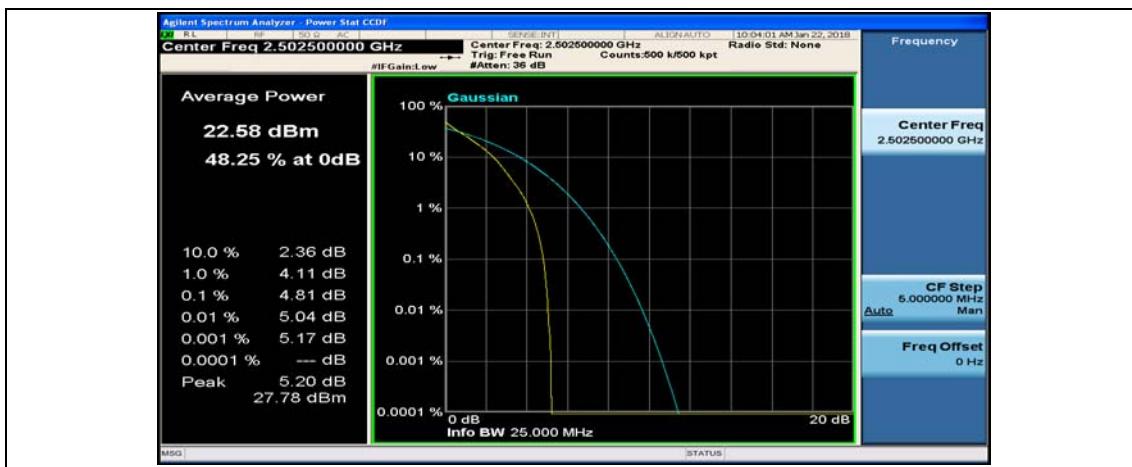
		1	49	3.12	<13	PASS
		1	99	4.15	<13	PASS
		50	0	4.65	<13	PASS
		50	25	4.48	<13	PASS
		50	50	4.77	<13	PASS
		100	0	5.01	<13	PASS
16QAM	LCH	1	0	4.22	<13	PASS
		1	49	4.5	<13	PASS
		1	99	4.72	<13	PASS
		50	0	5.73	<13	PASS
		50	25	5.77	<13	PASS
		50	50	5.99	<13	PASS
		100	0	6.05	<13	PASS
	MCH	1	0	3.81	<13	PASS
		1	49	3.11	<13	PASS
		1	99	4.27	<13	PASS
		50	0	4.74	<13	PASS
		50	25	4.41	<13	PASS
		50	50	4.84	<13	PASS
		100	0	5.22	<13	PASS
	HCH	1	0	4.47	<13	PASS
		1	49	4.08	<13	PASS
		1	99	4.85	<13	PASS
		50	0	5.57	<13	PASS
		50	25	5.34	<13	PASS
		50	50	5.58	<13	PASS
		100	0	5.77	<13	PASS

Test Graphs

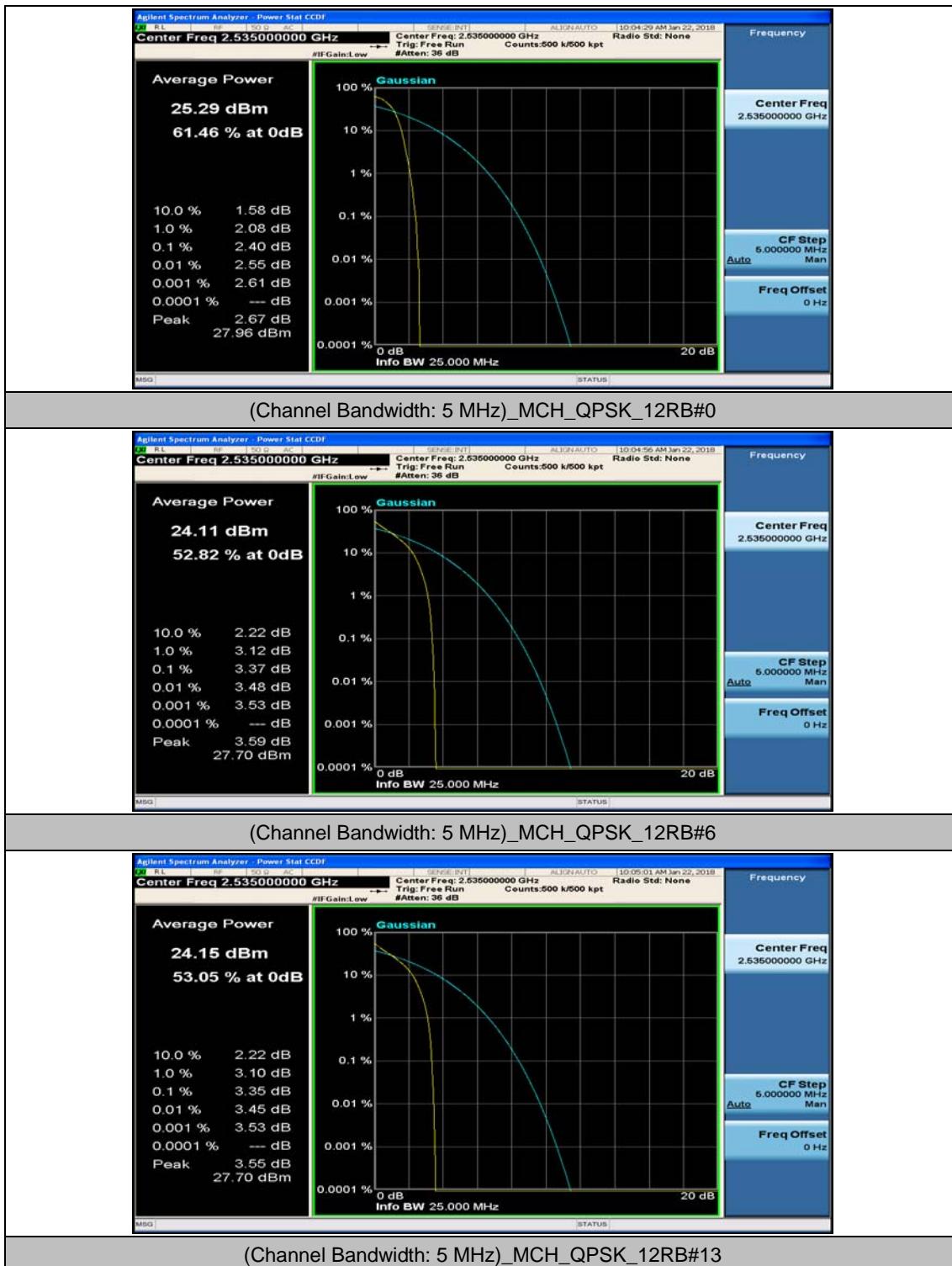
Channel Bandwidth: 5 MHz

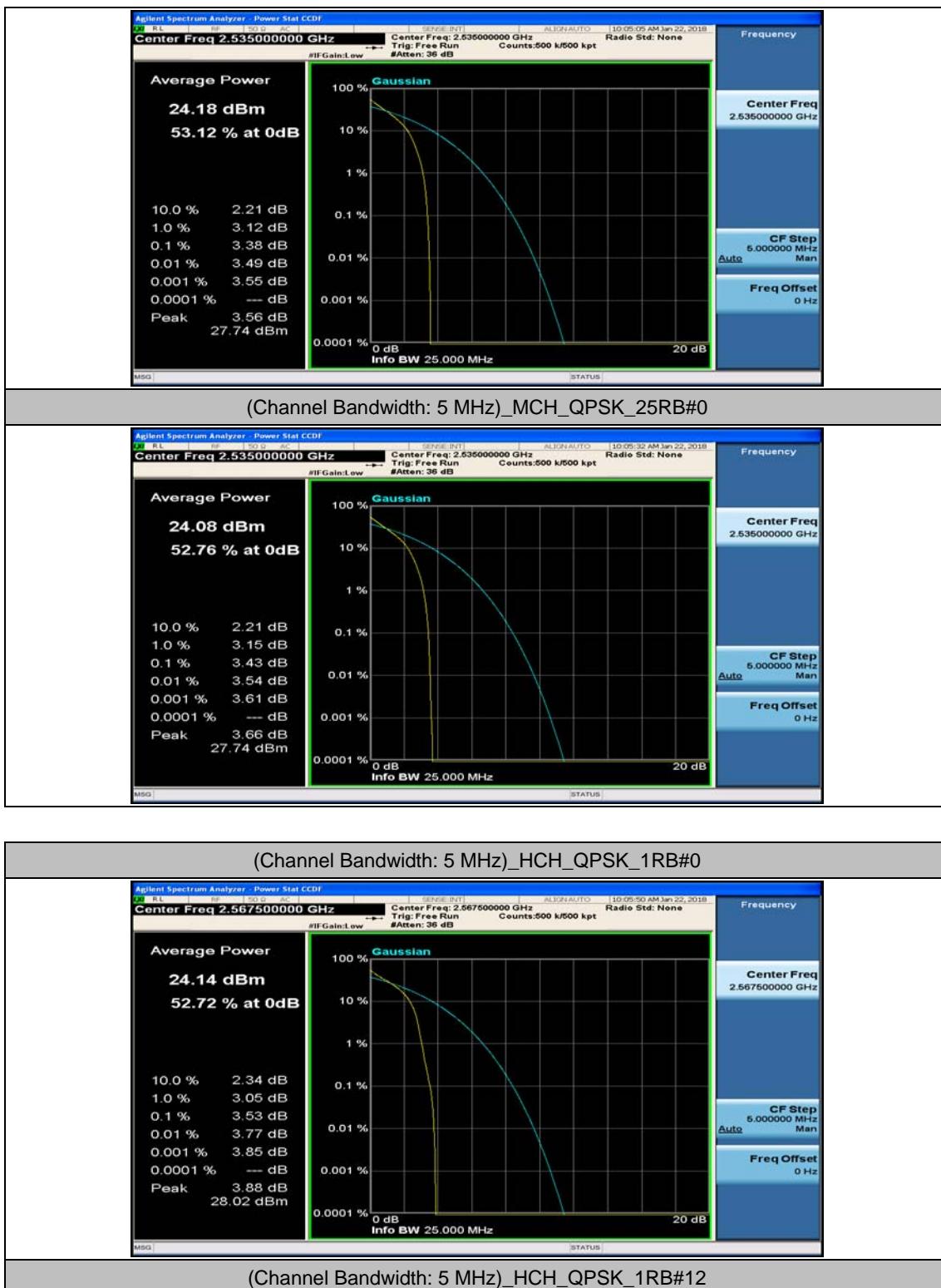


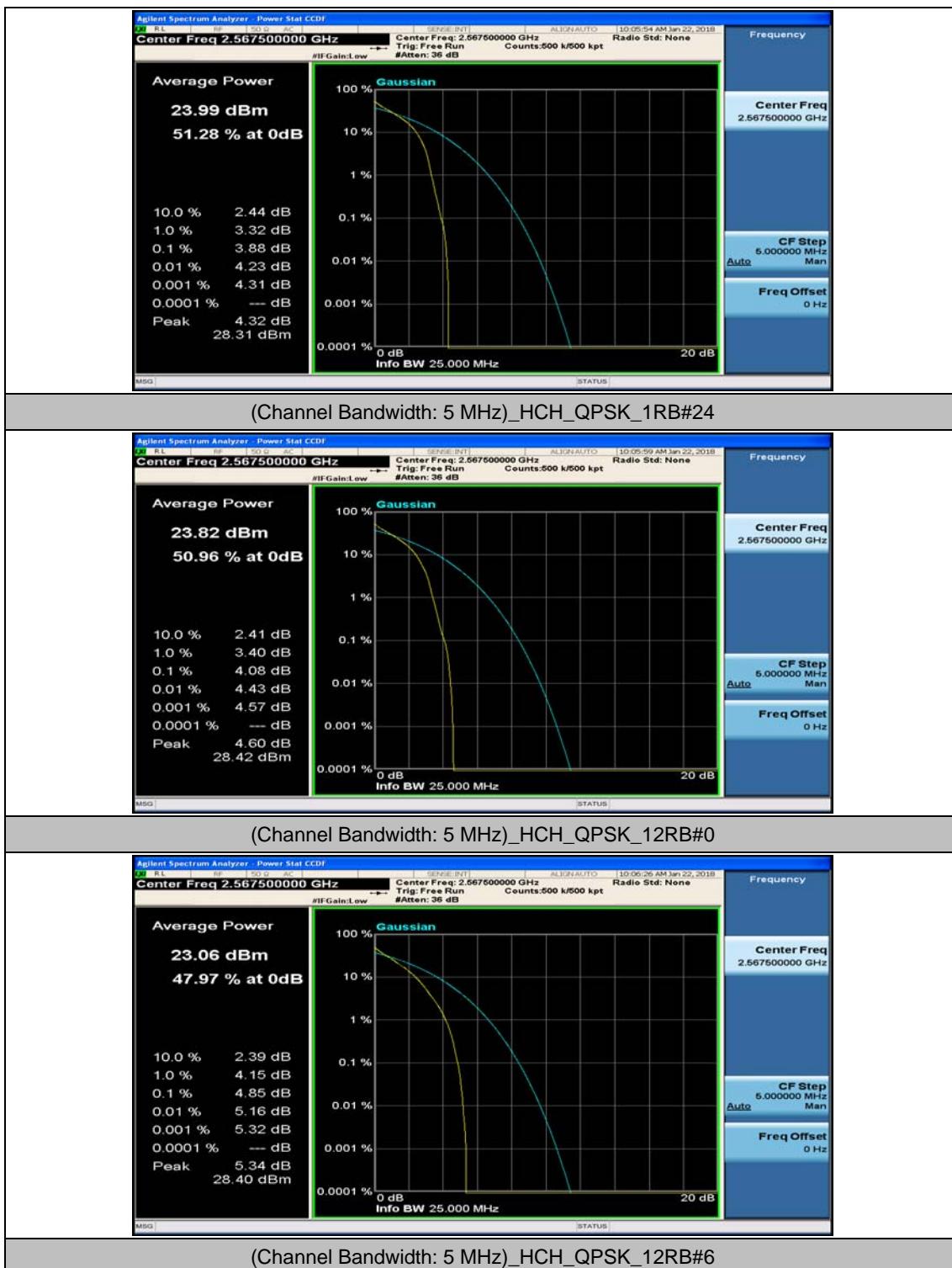


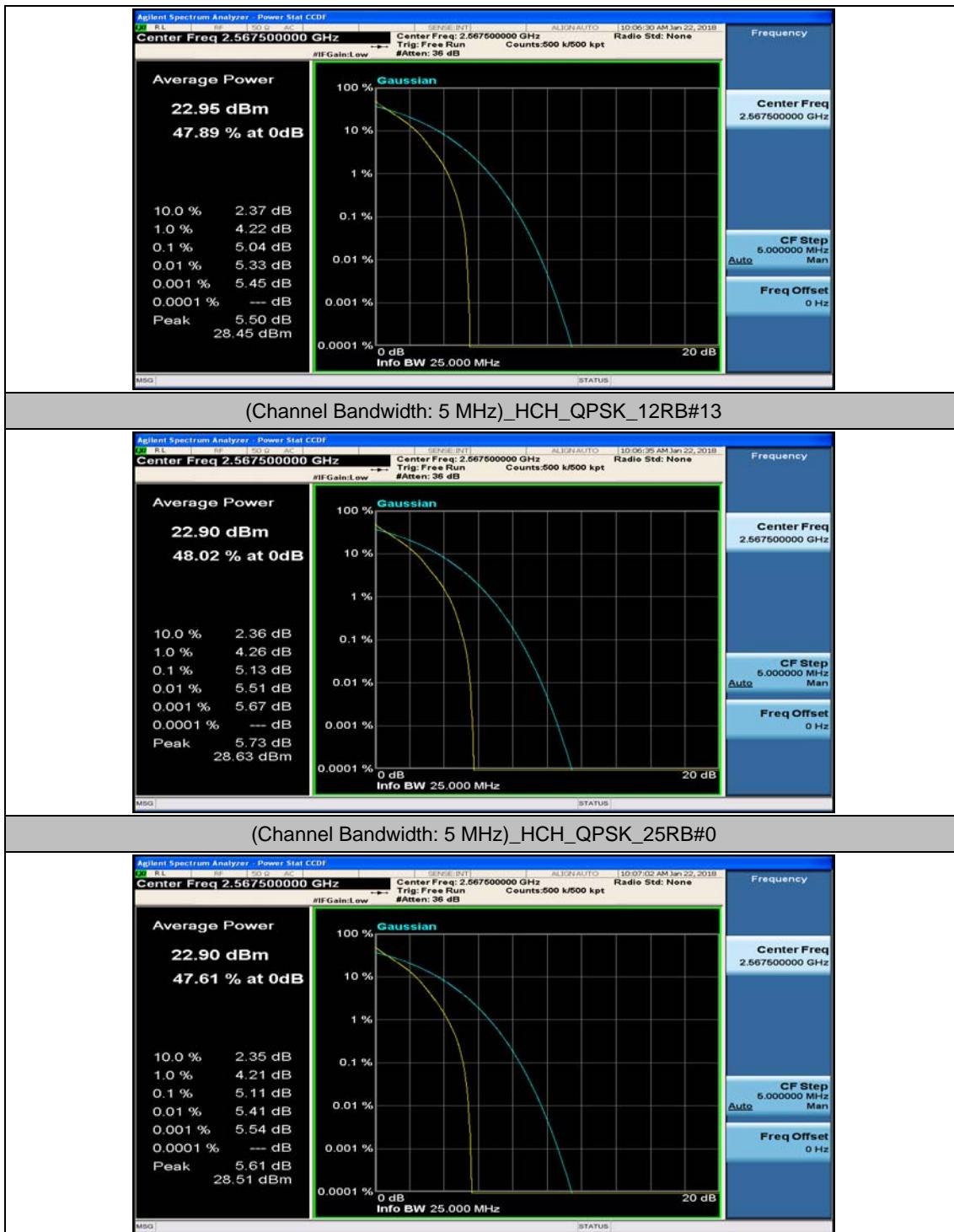


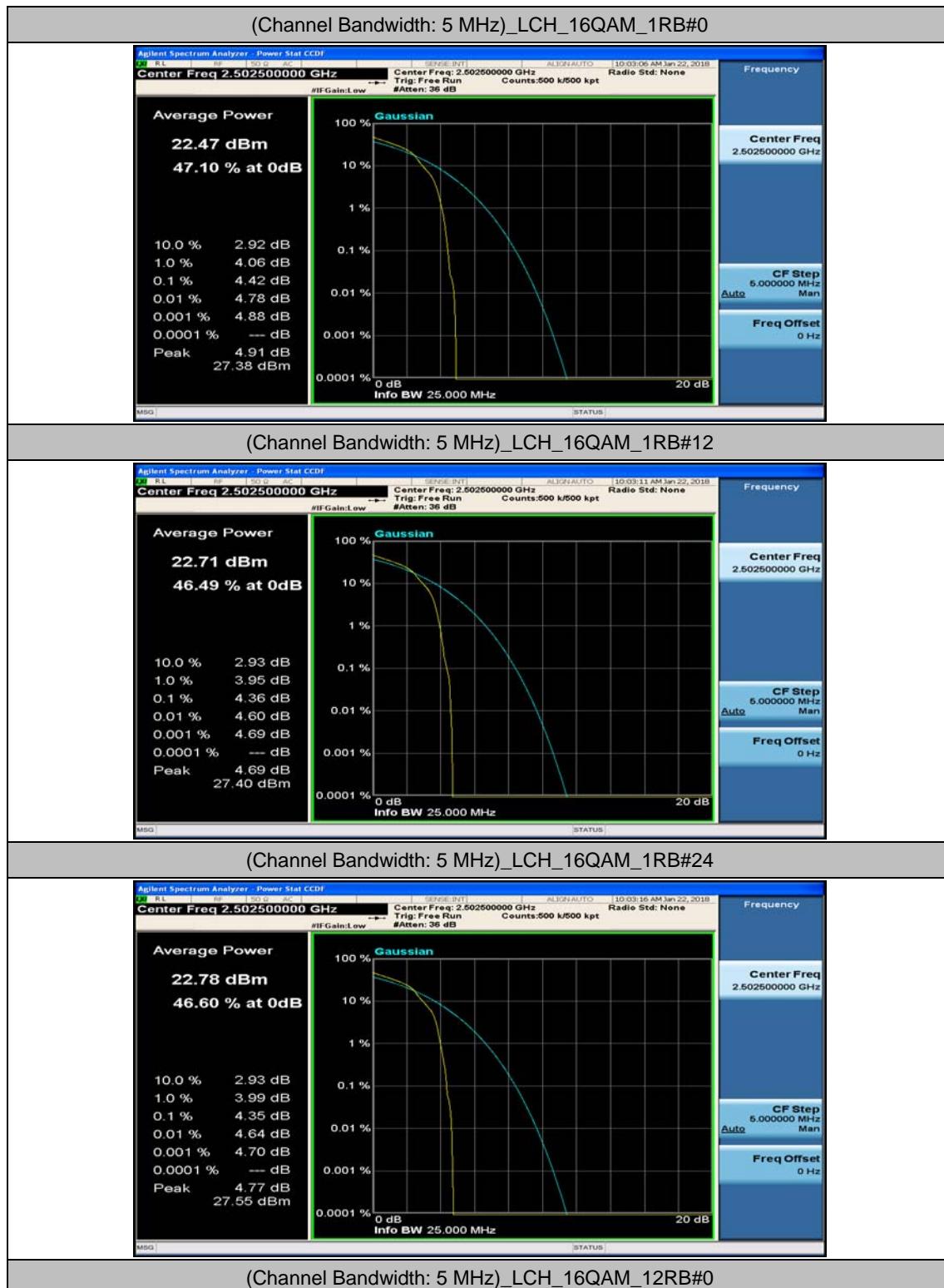
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

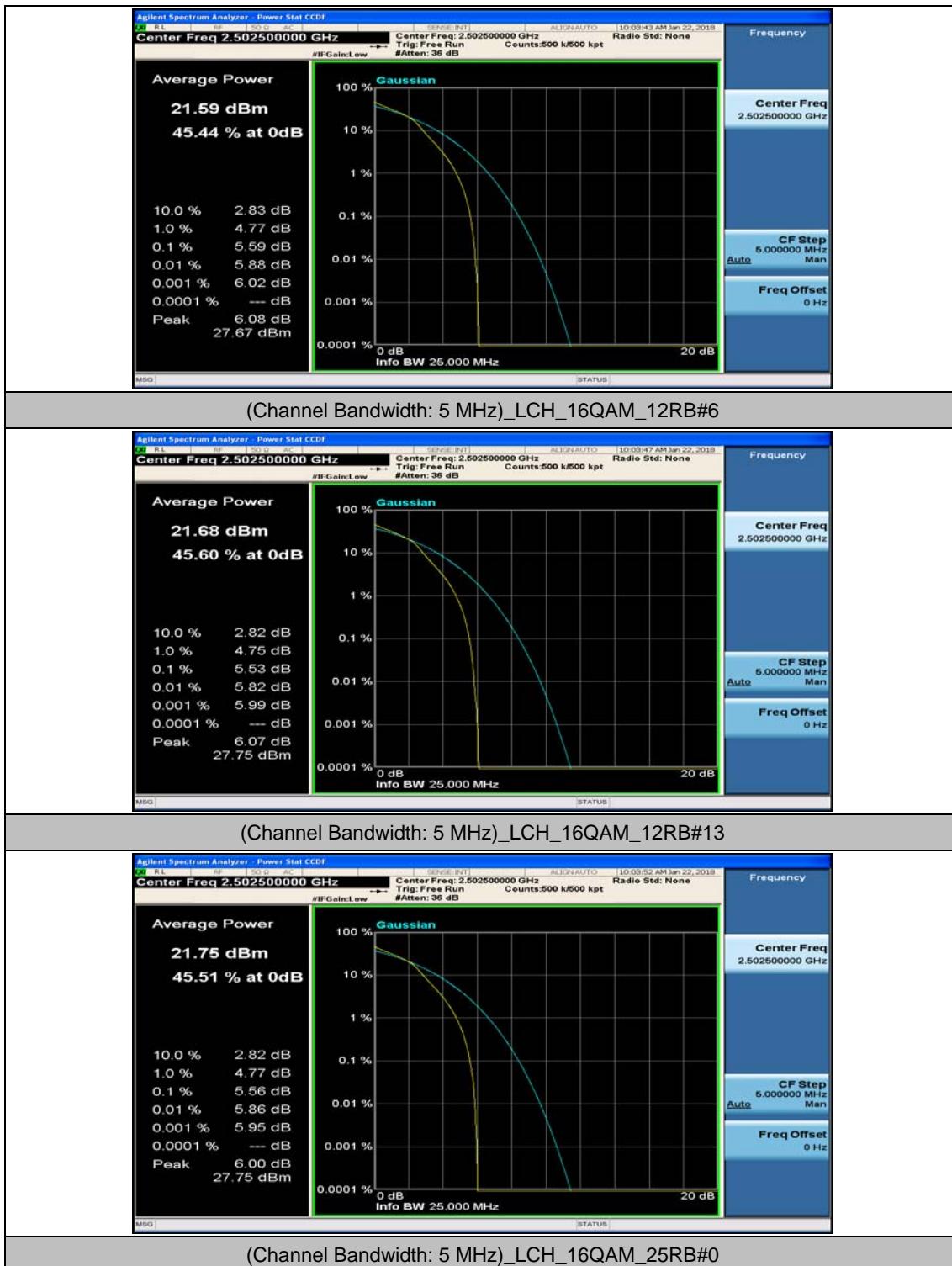


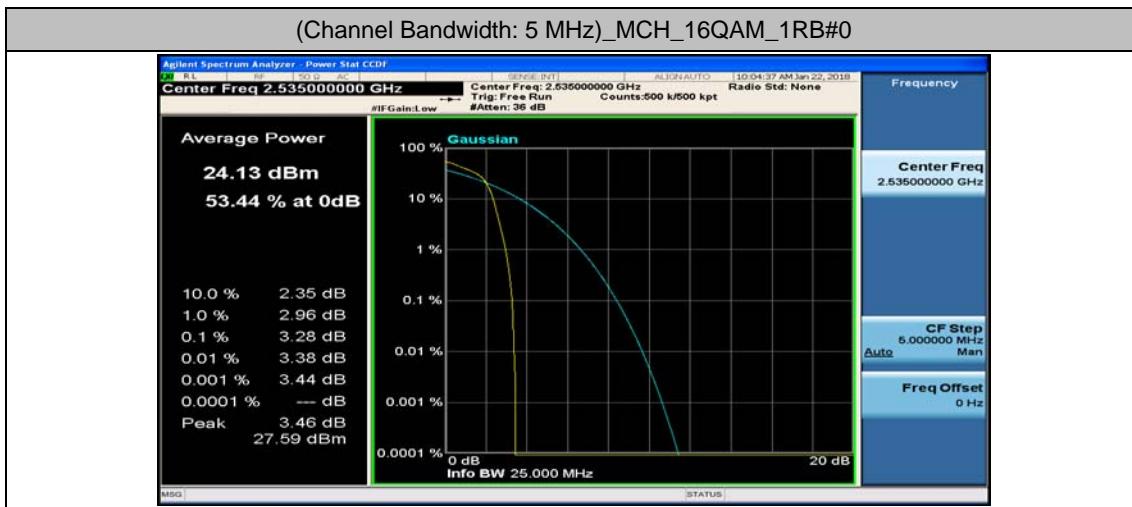
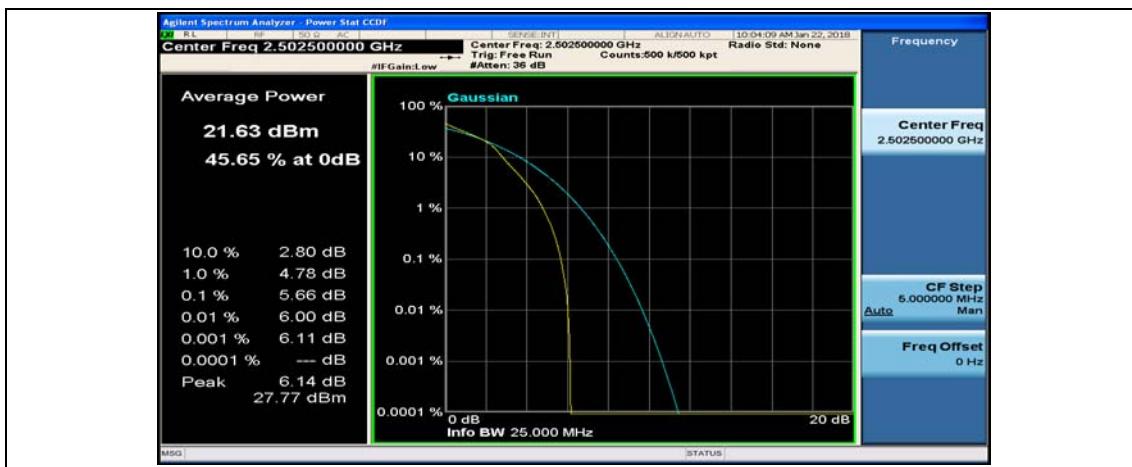




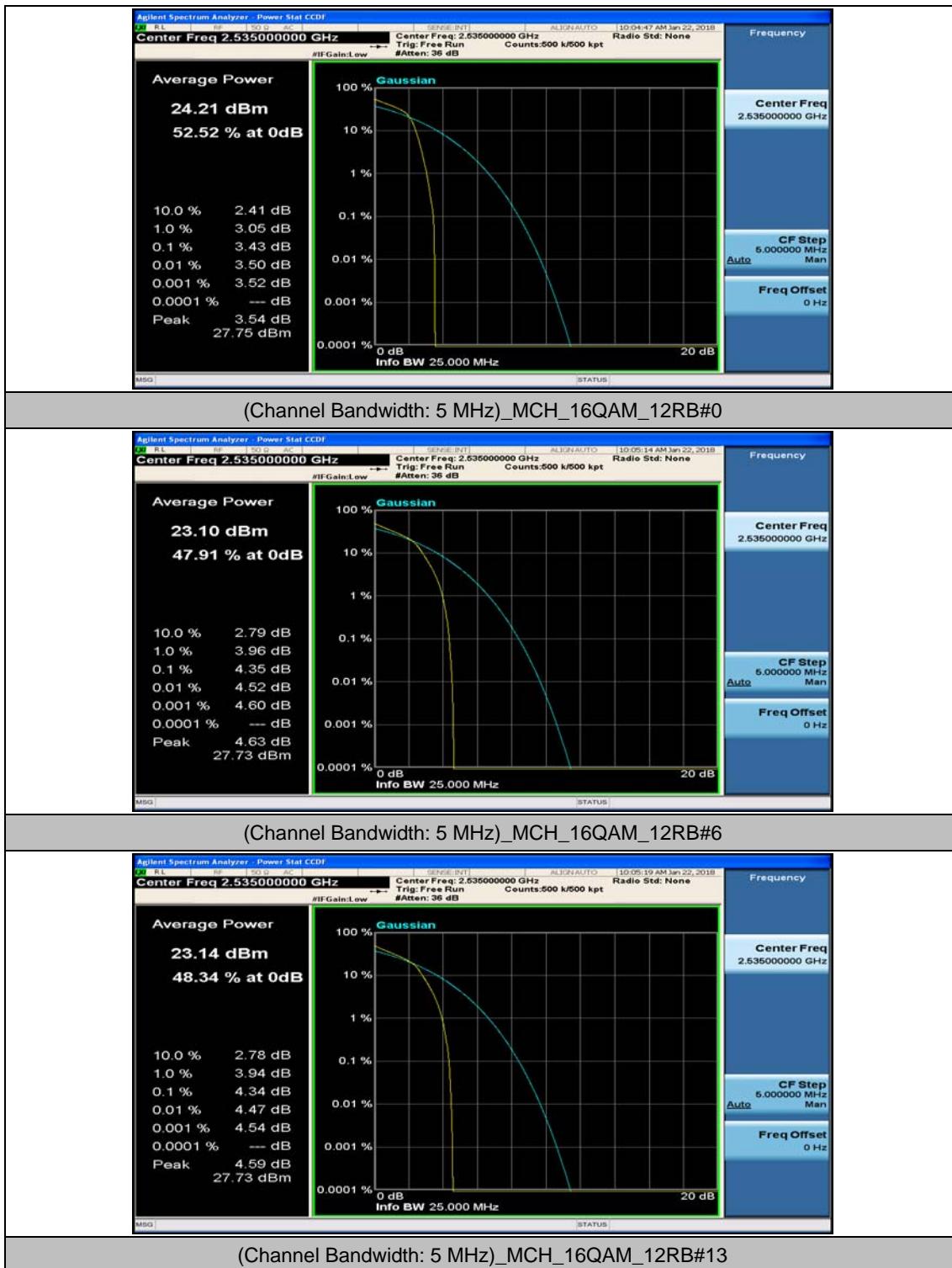


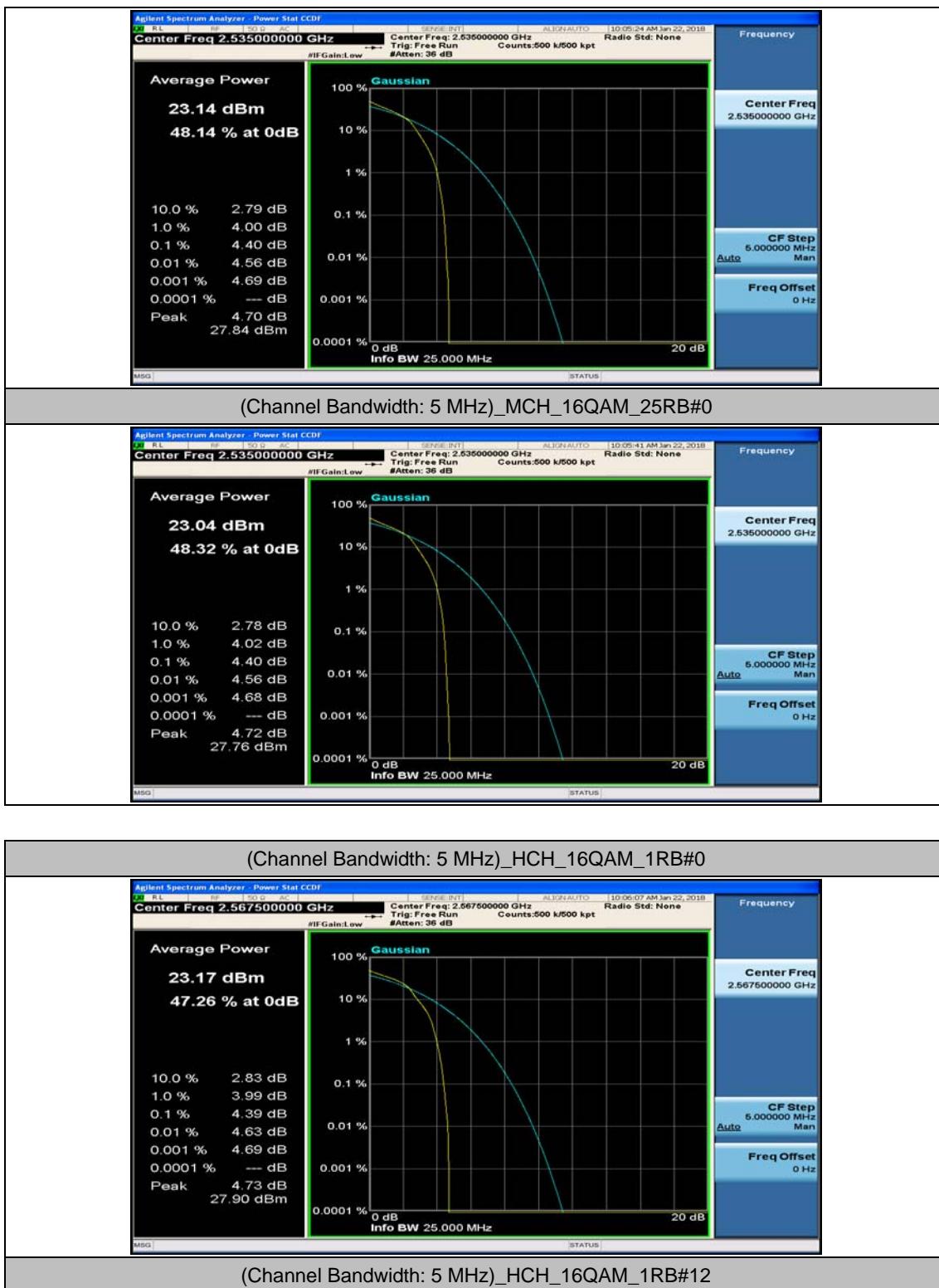


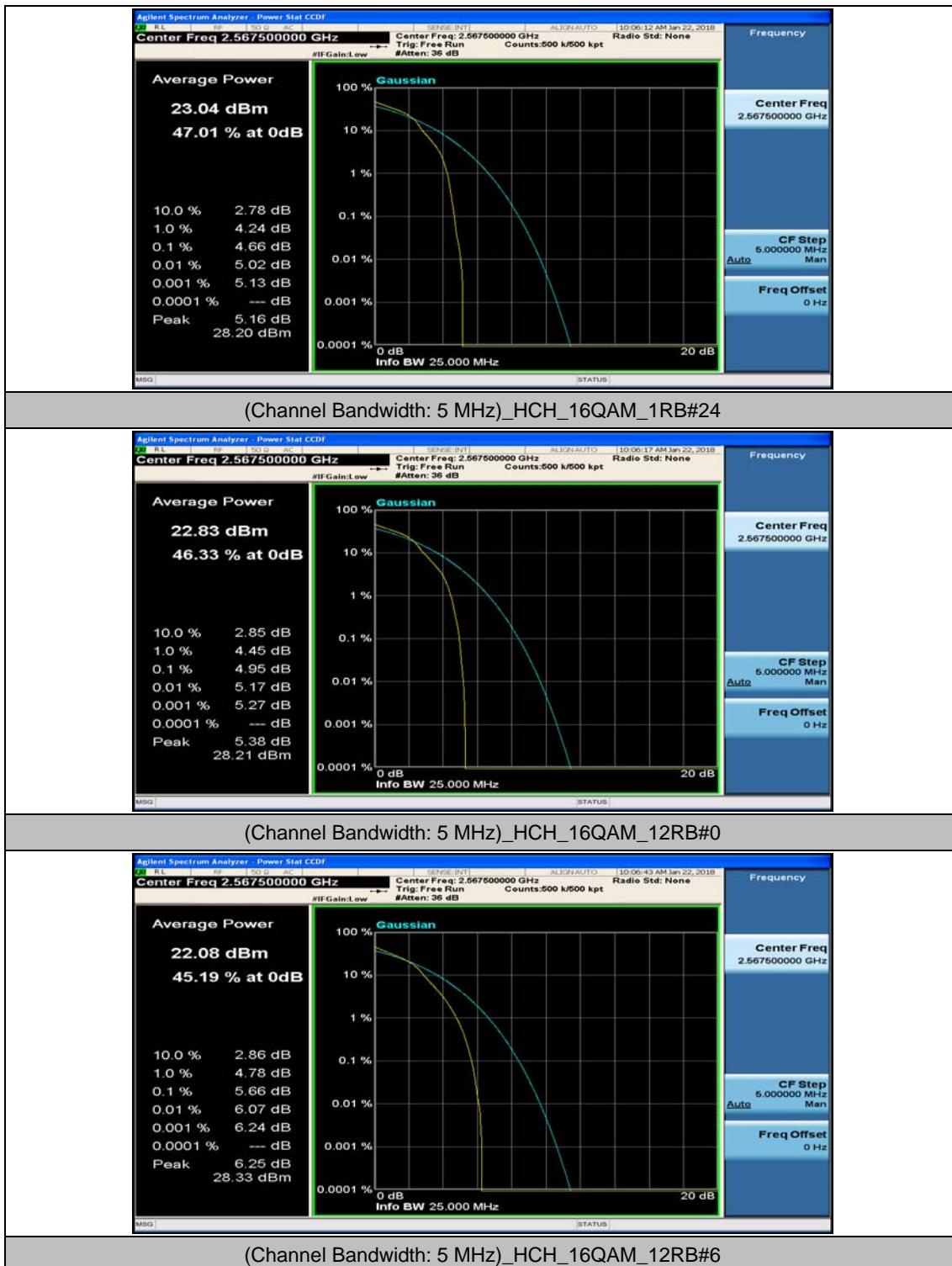


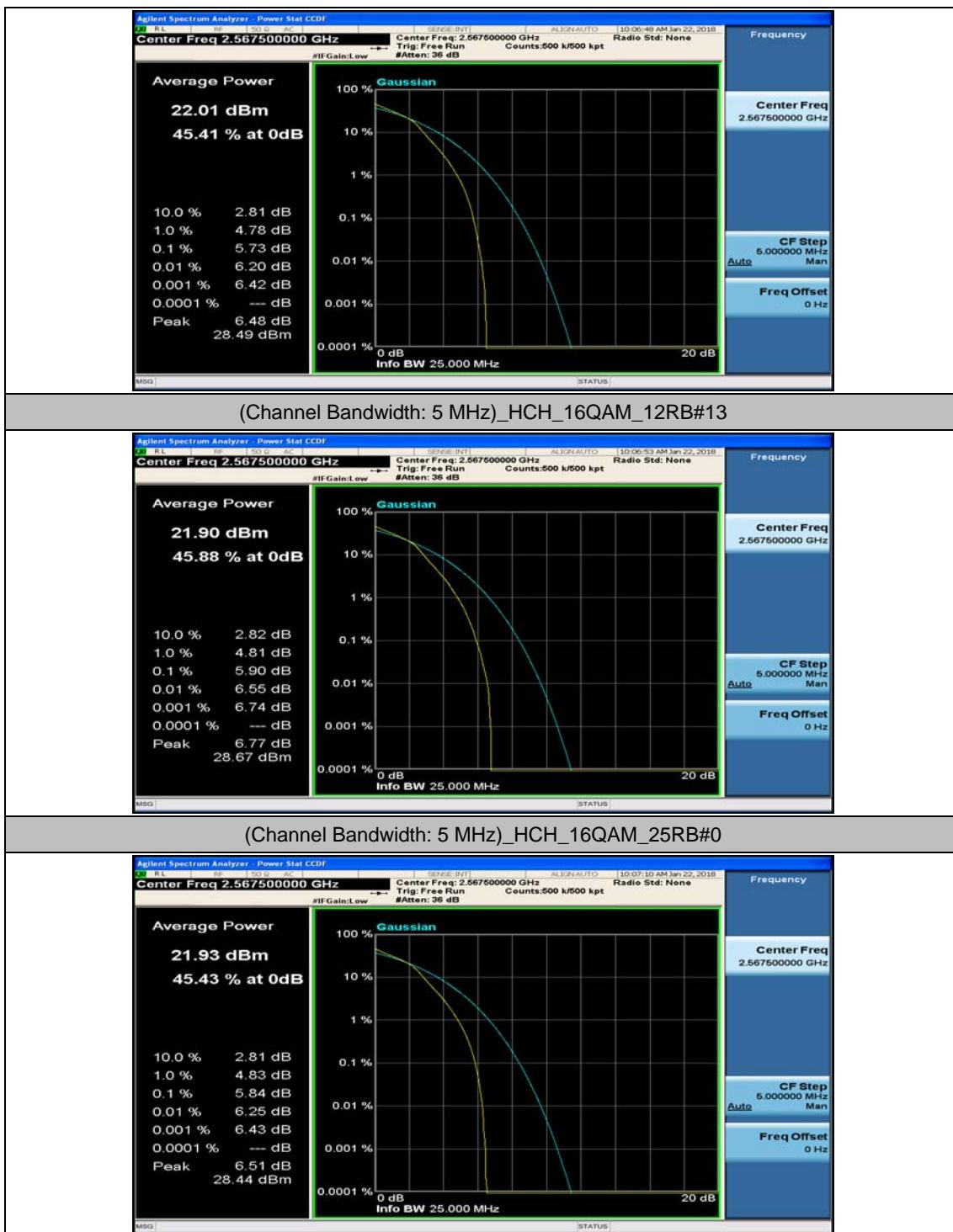


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

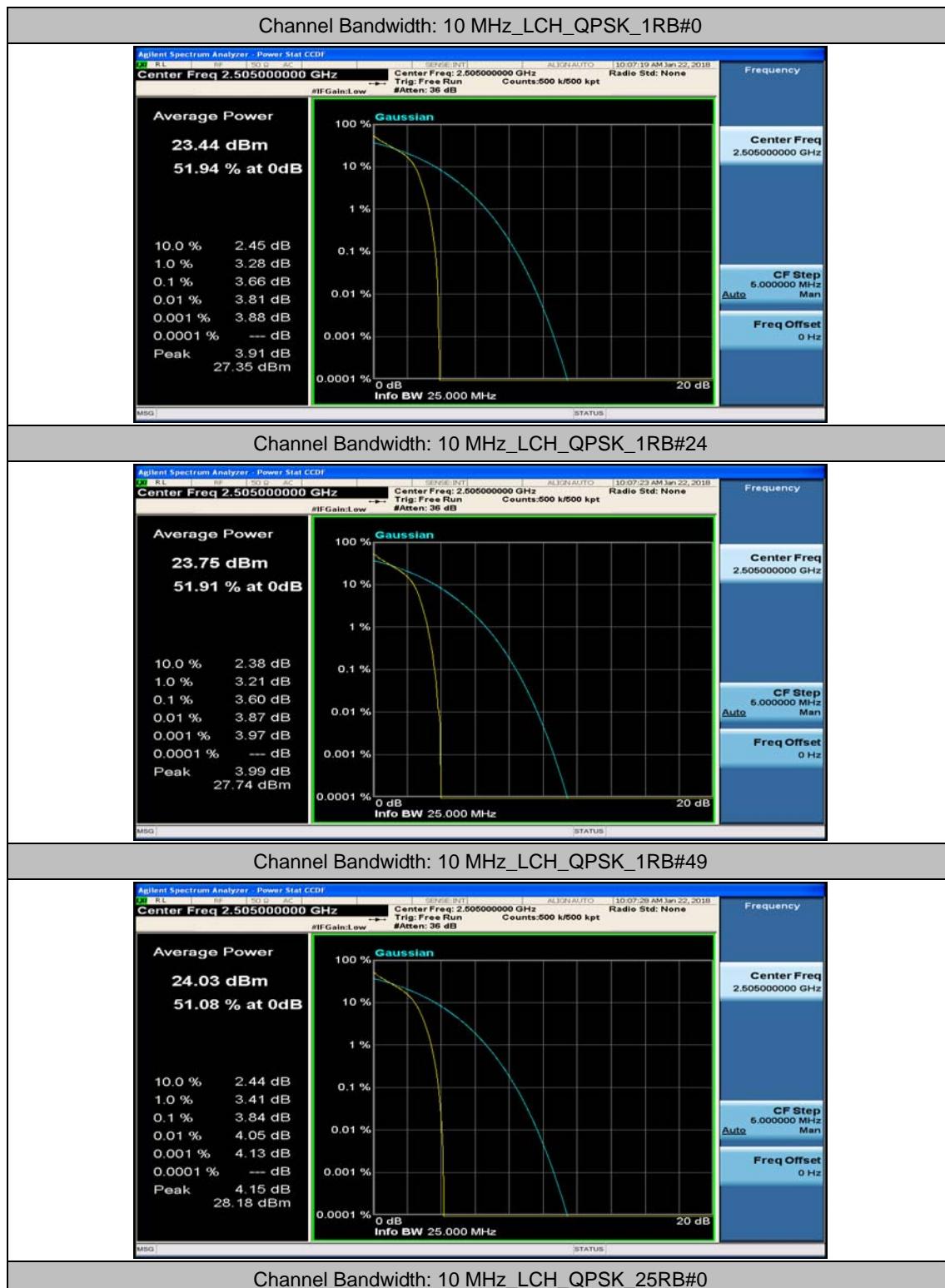


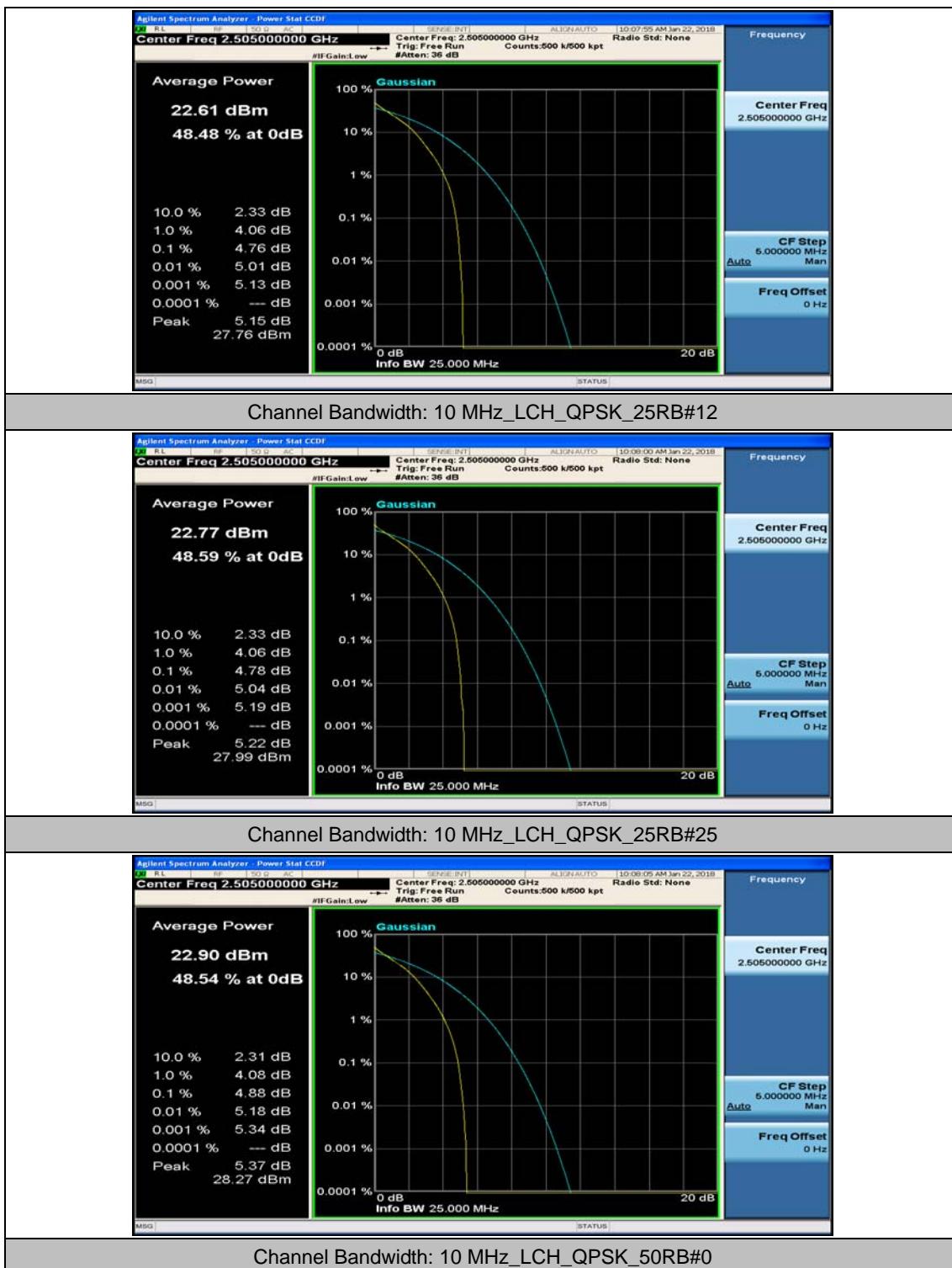


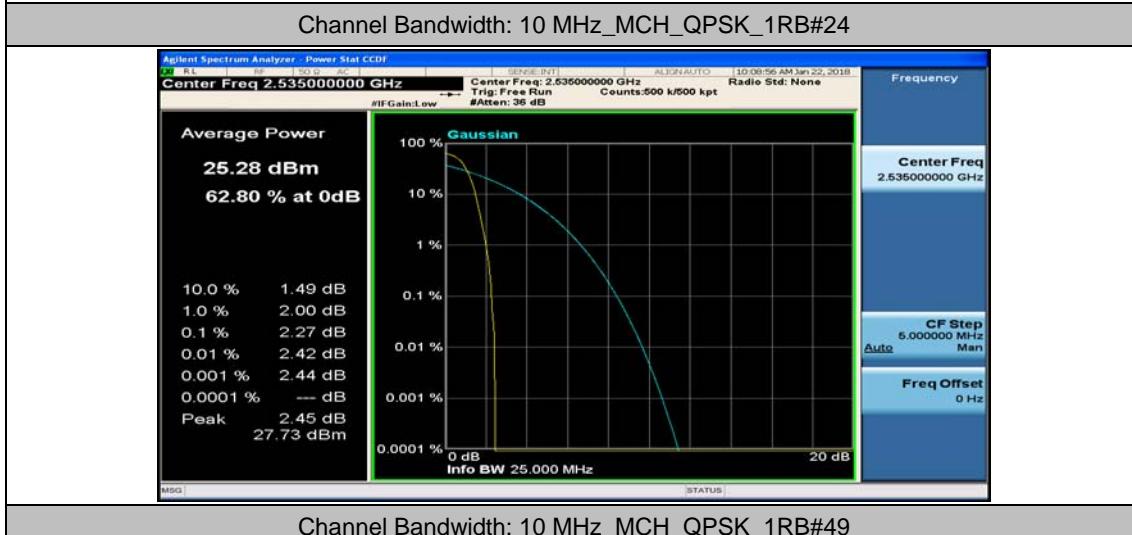
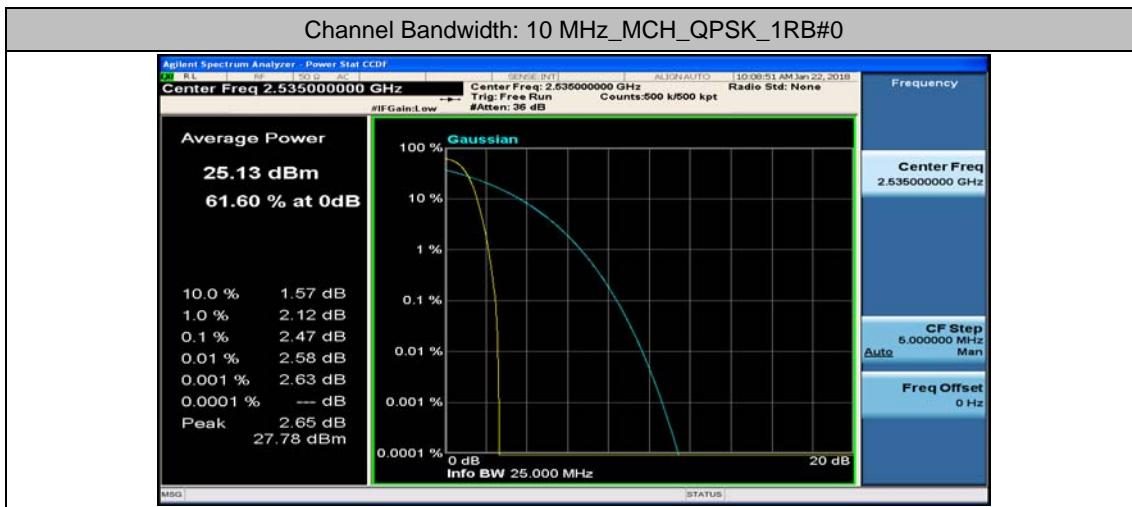
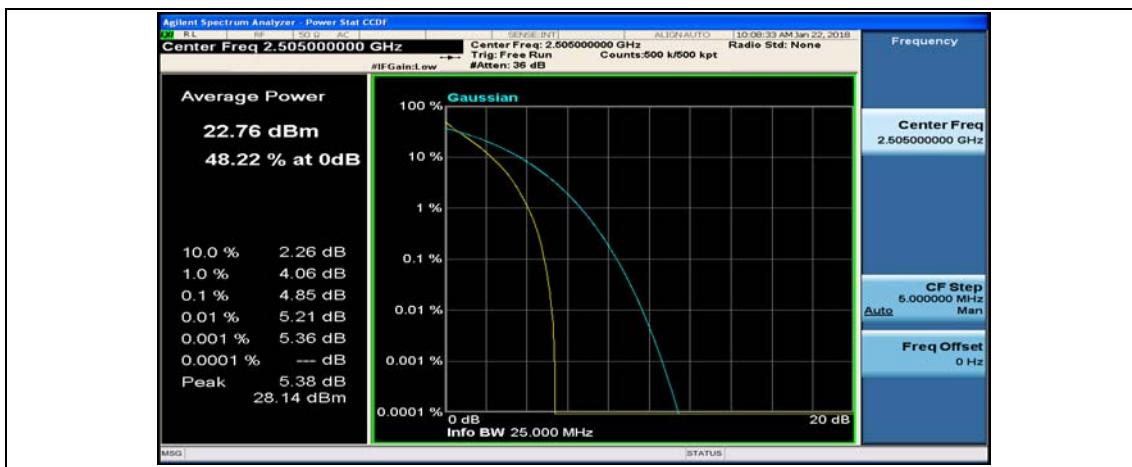




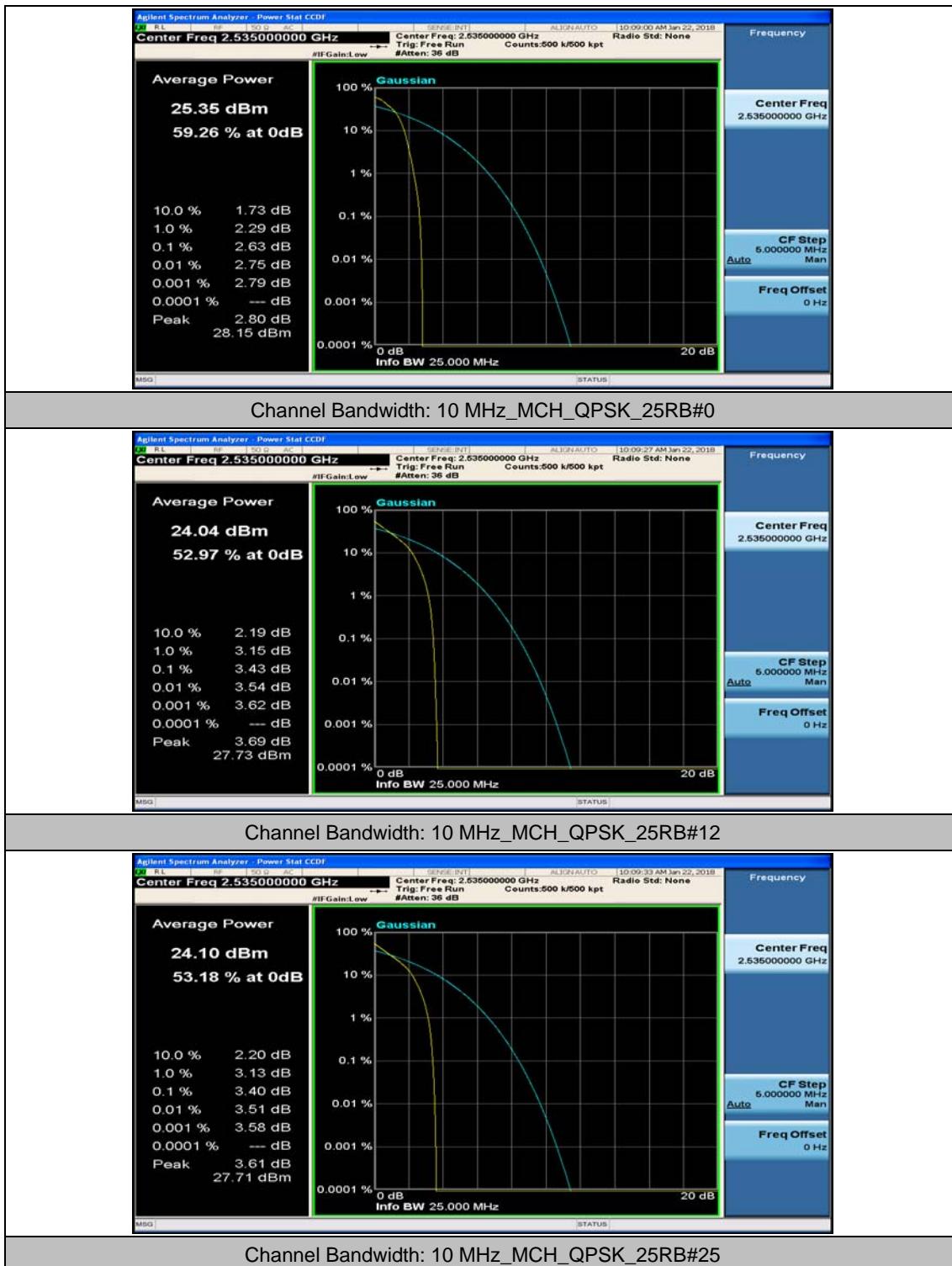
Channel Bandwidth: 10 MHz

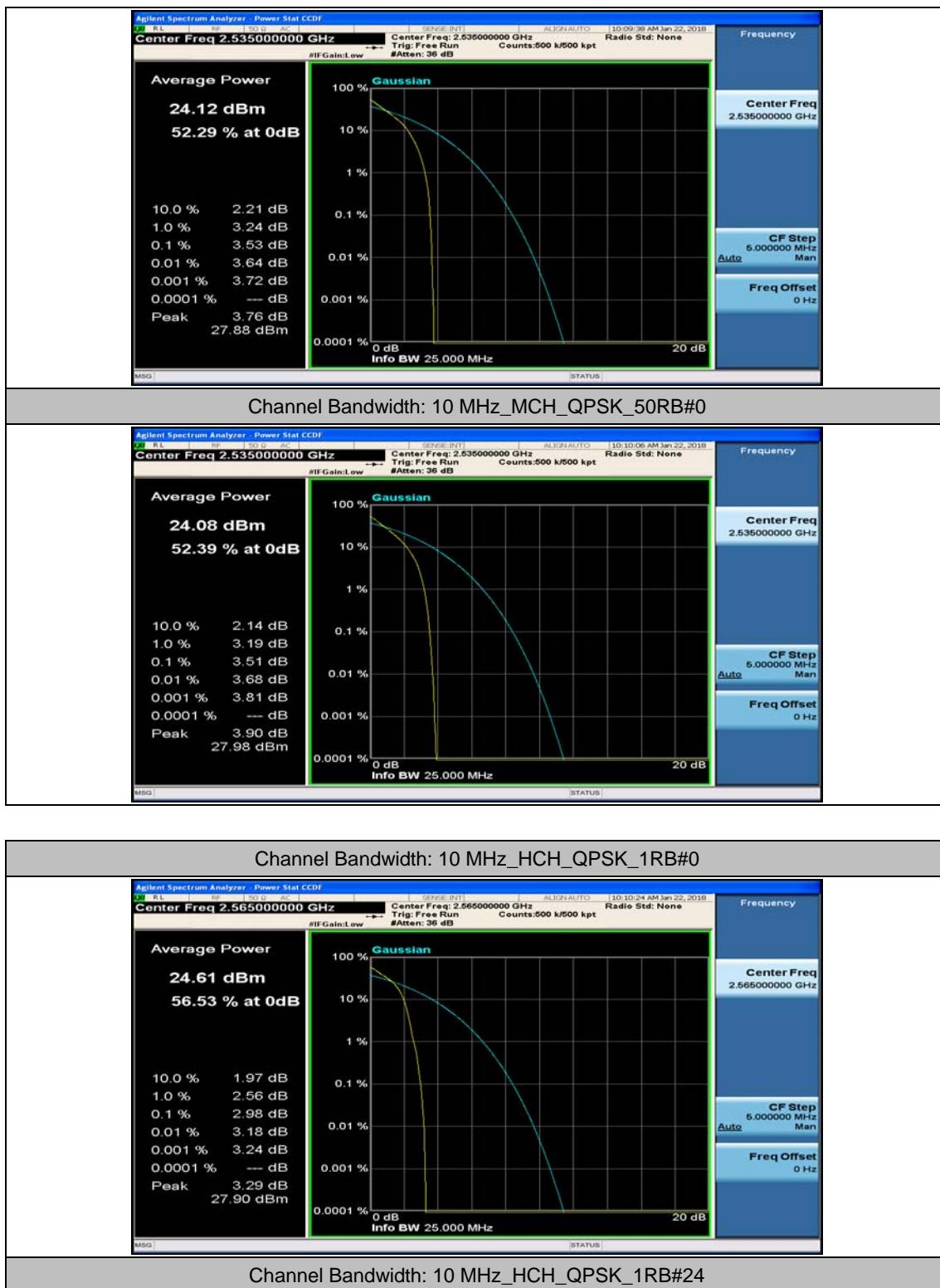


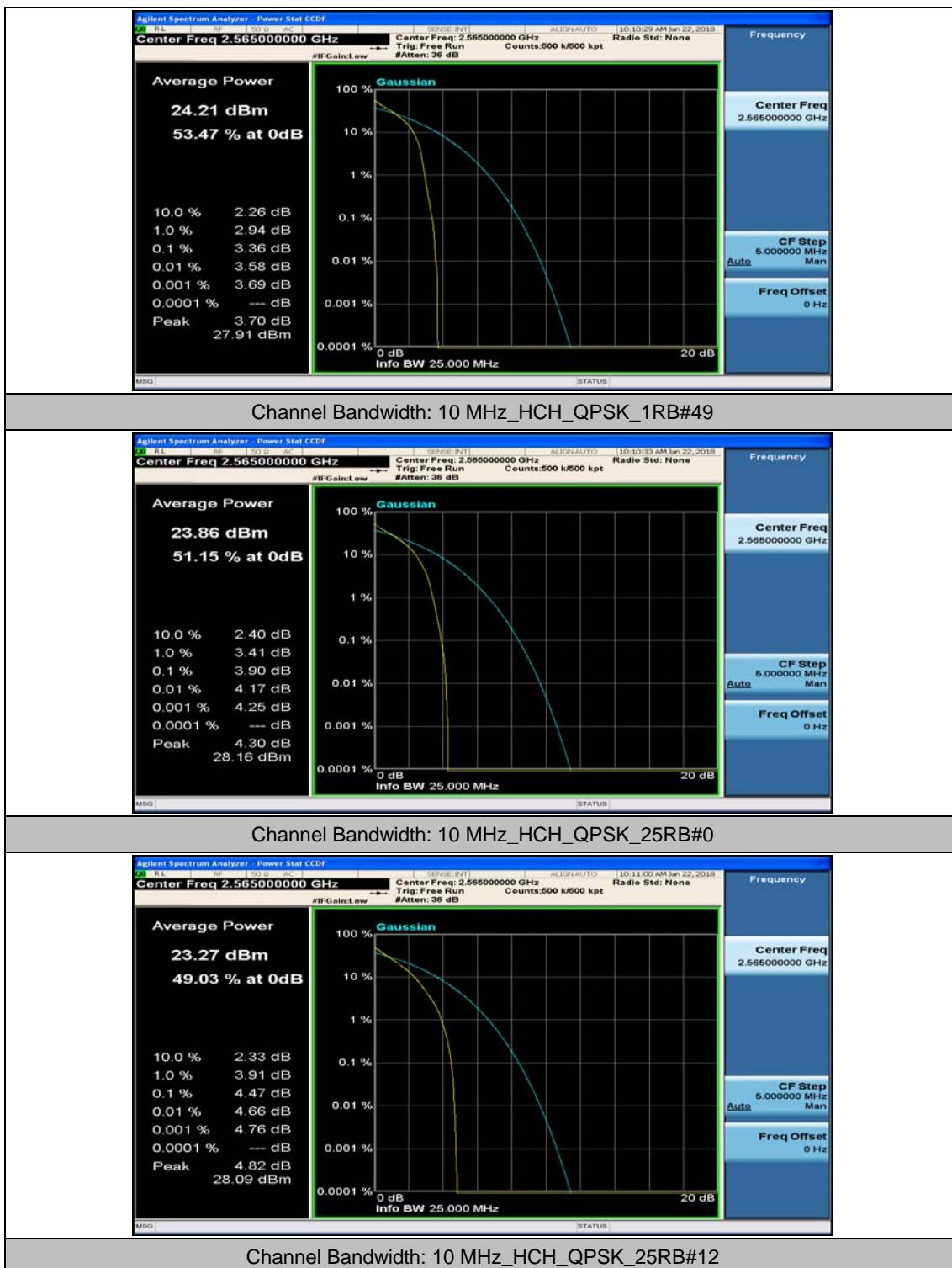


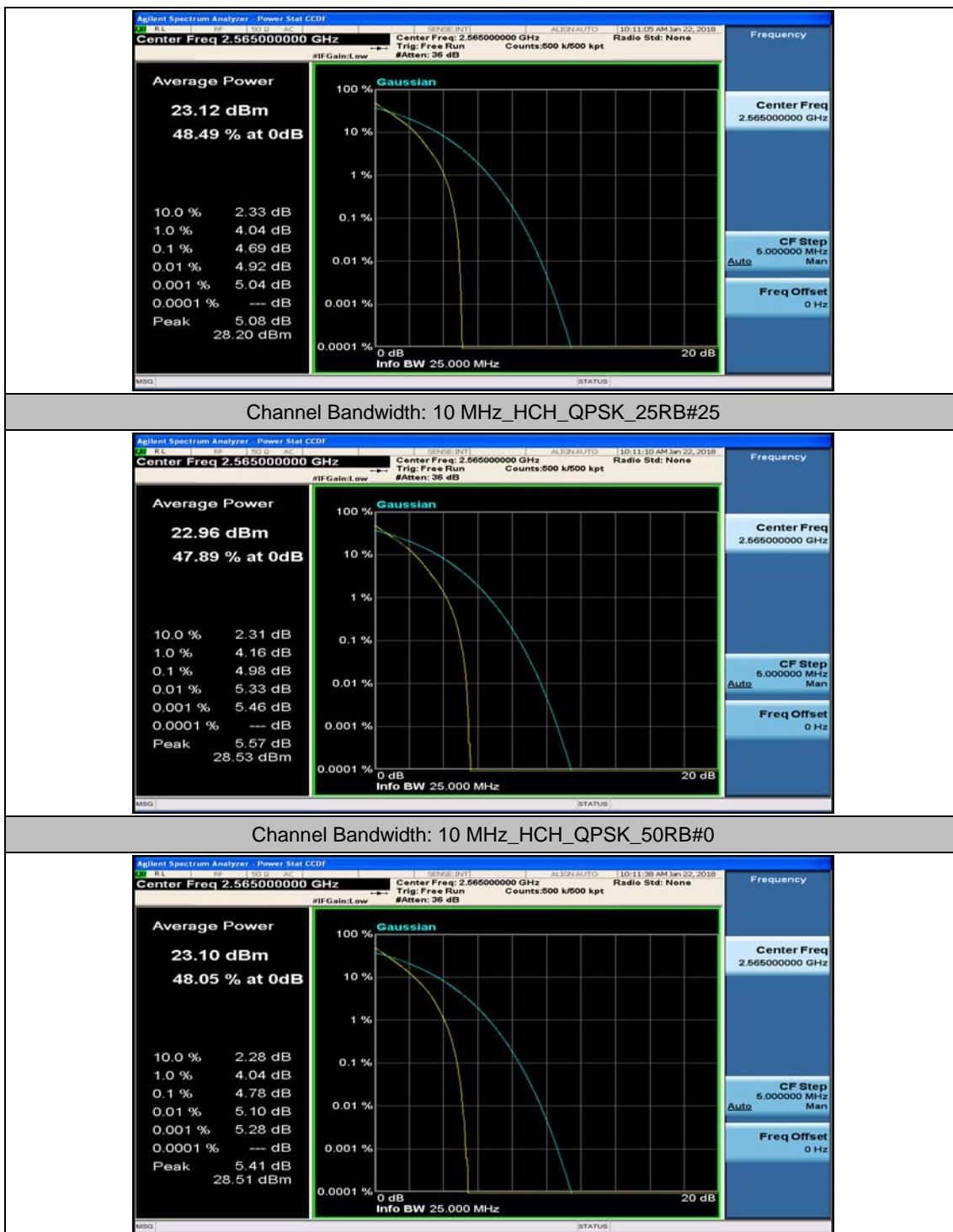


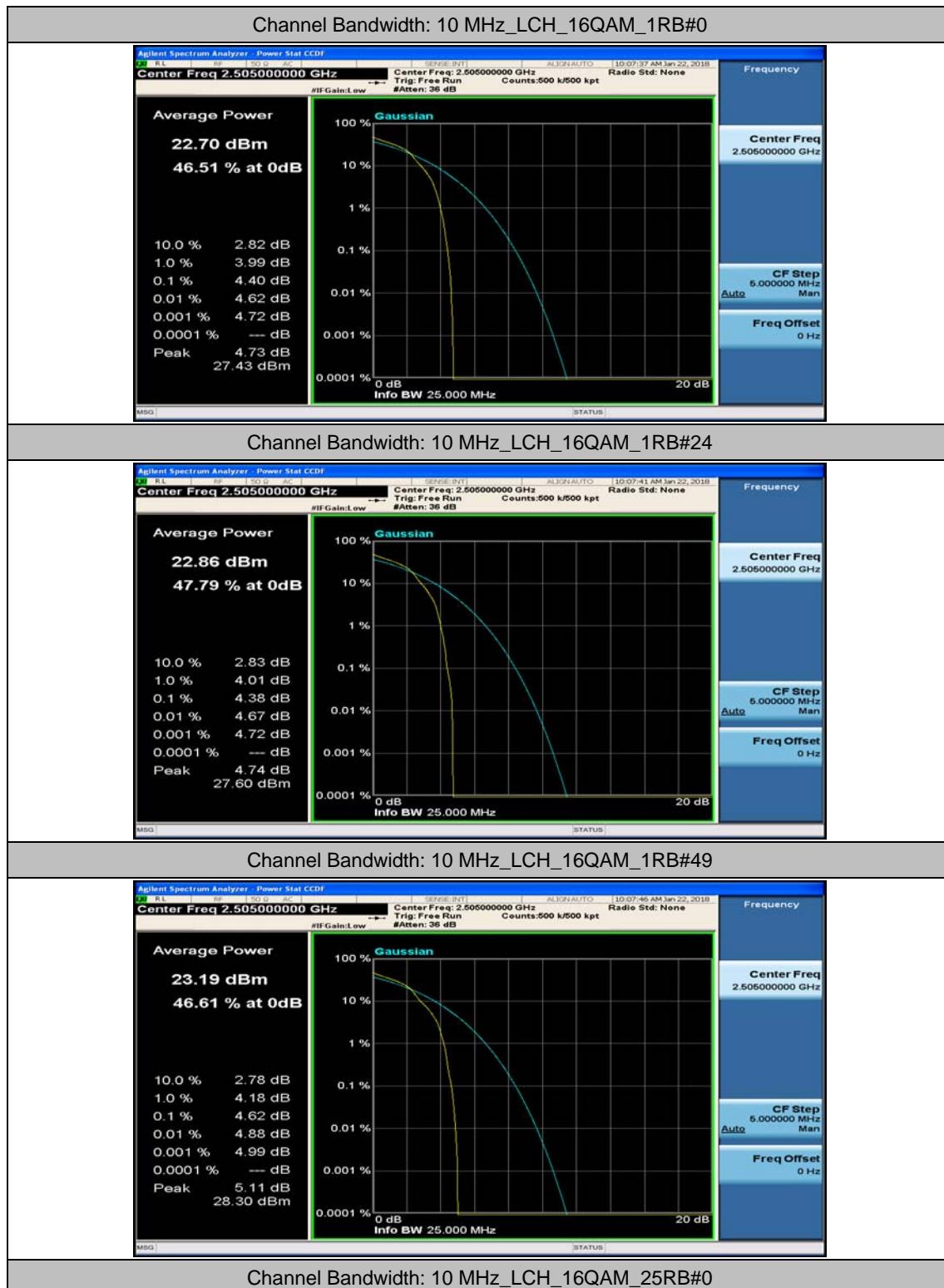
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

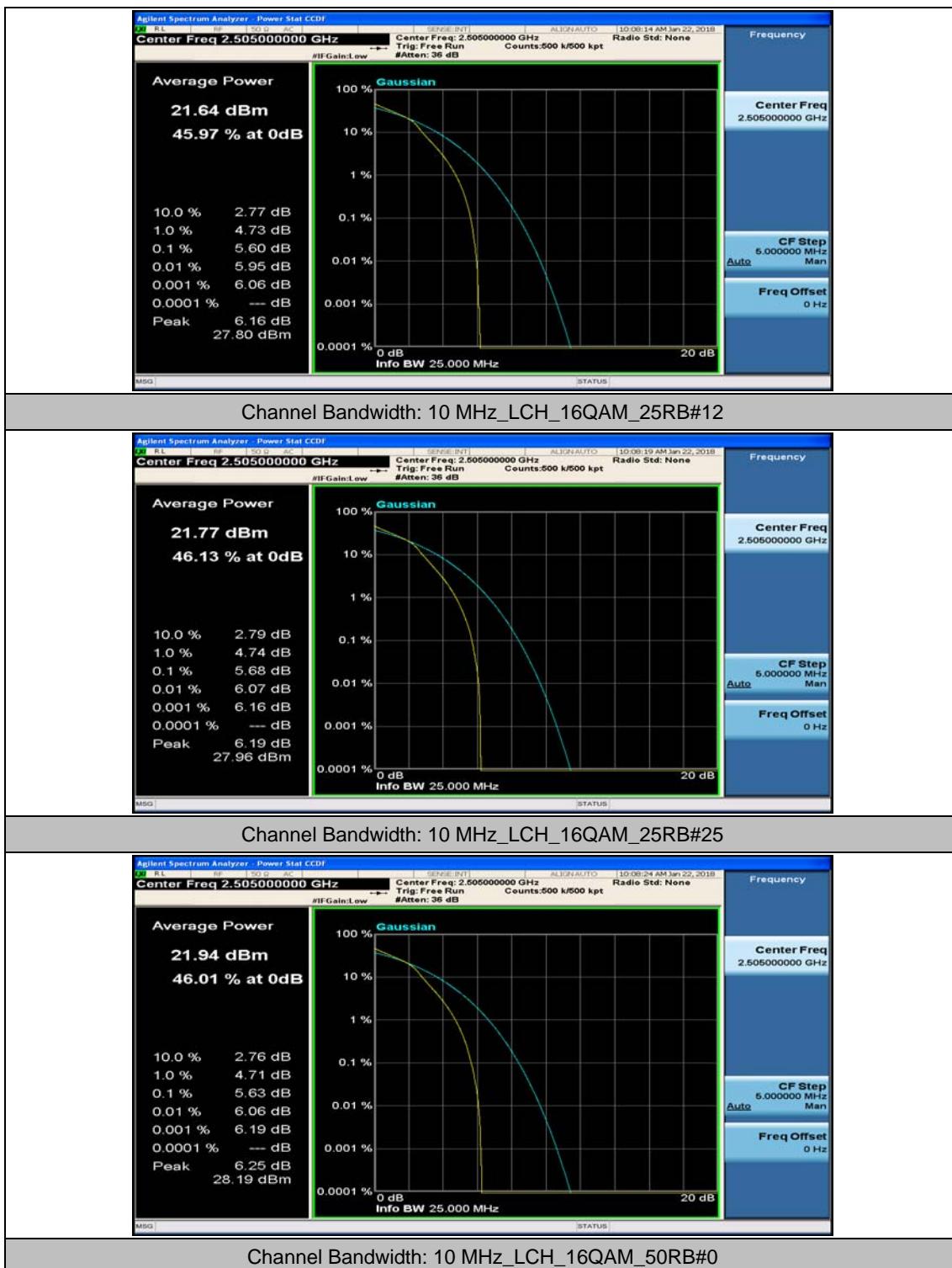


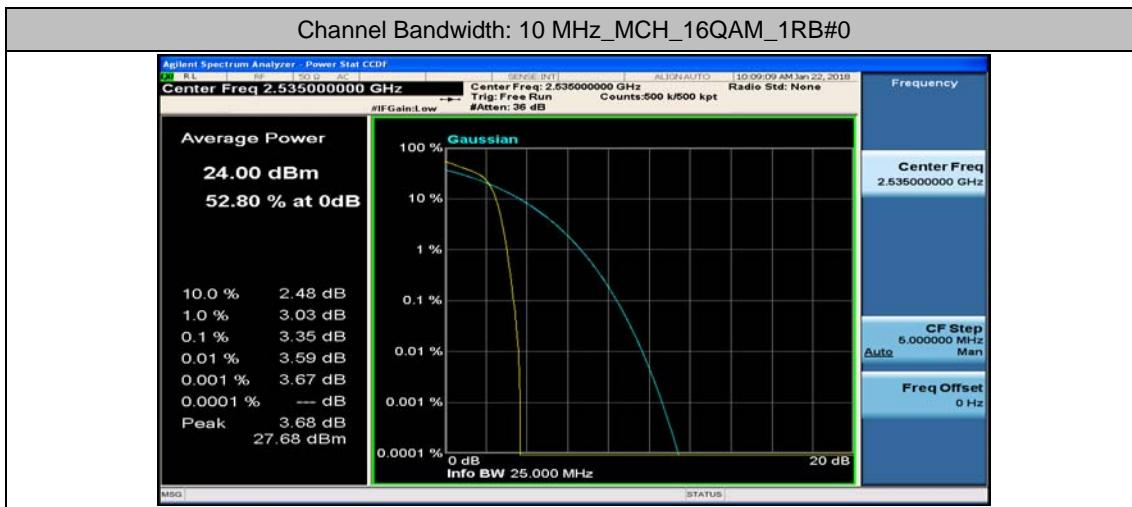
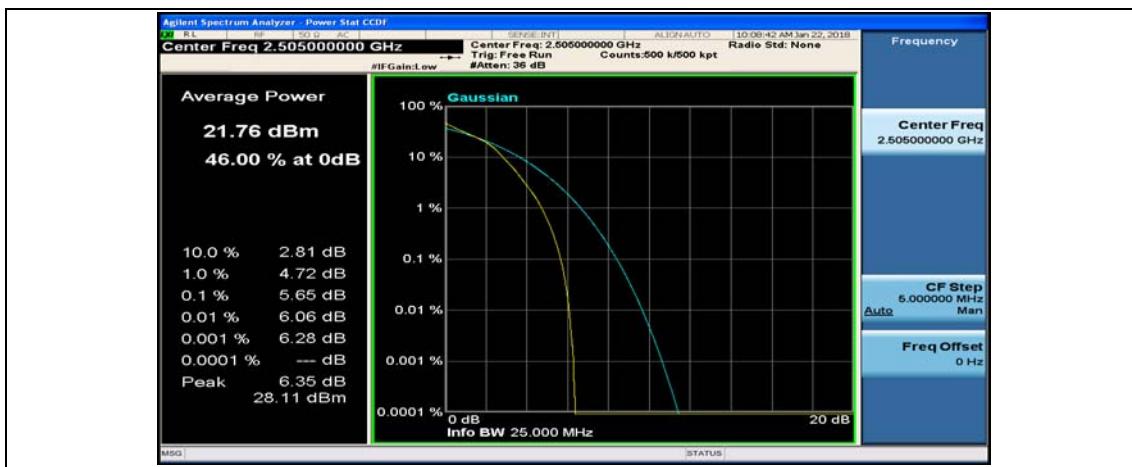




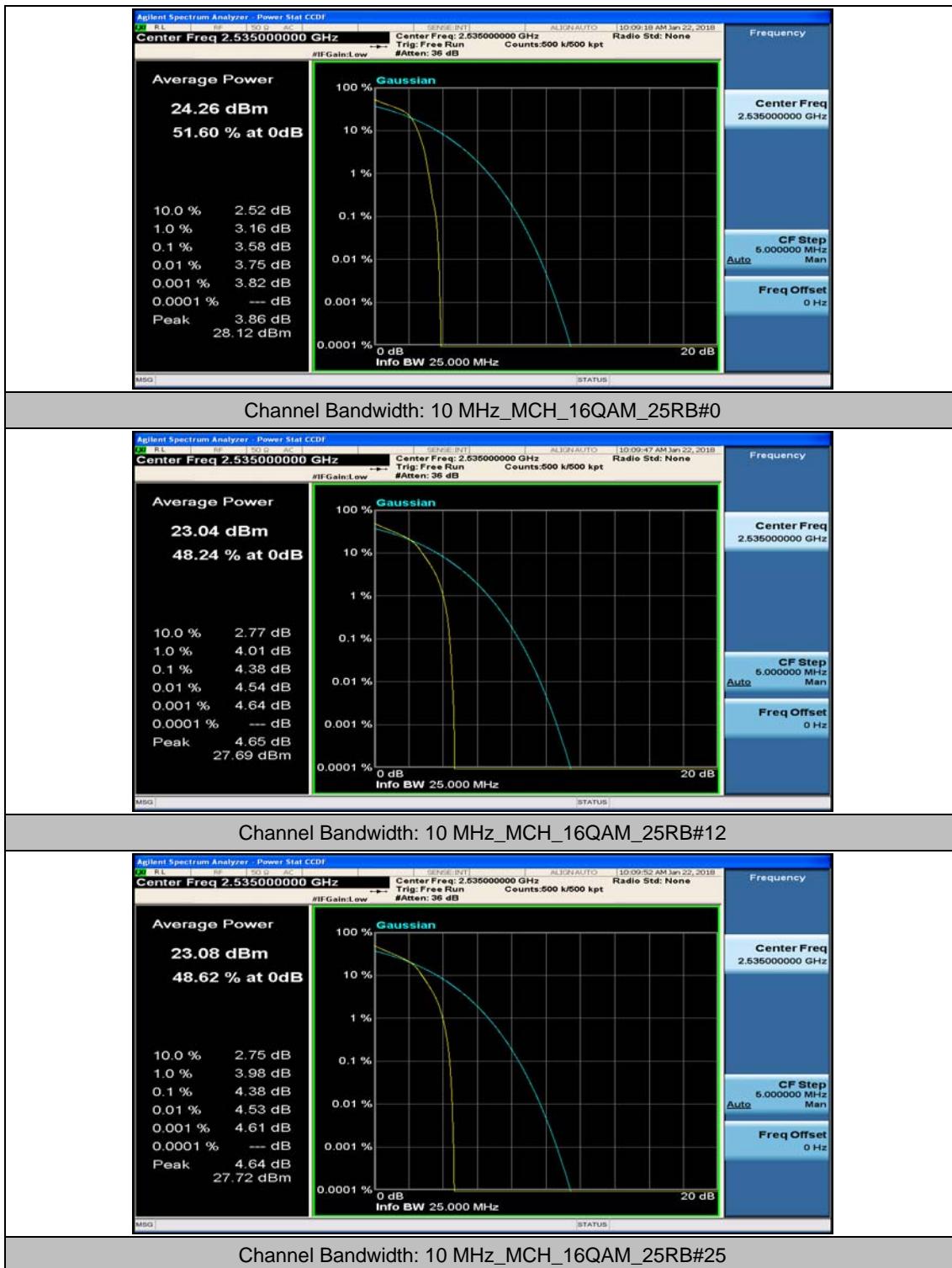


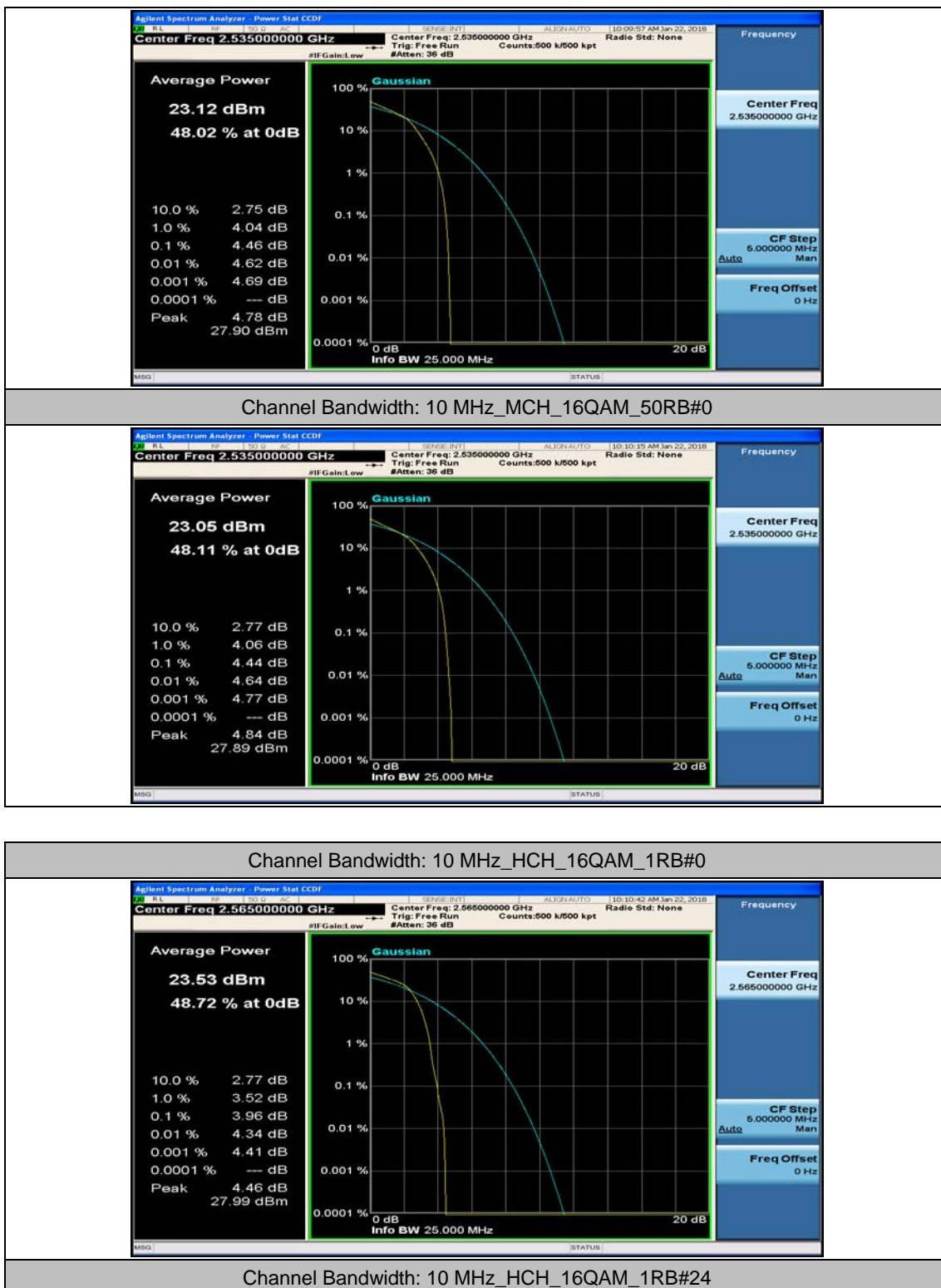


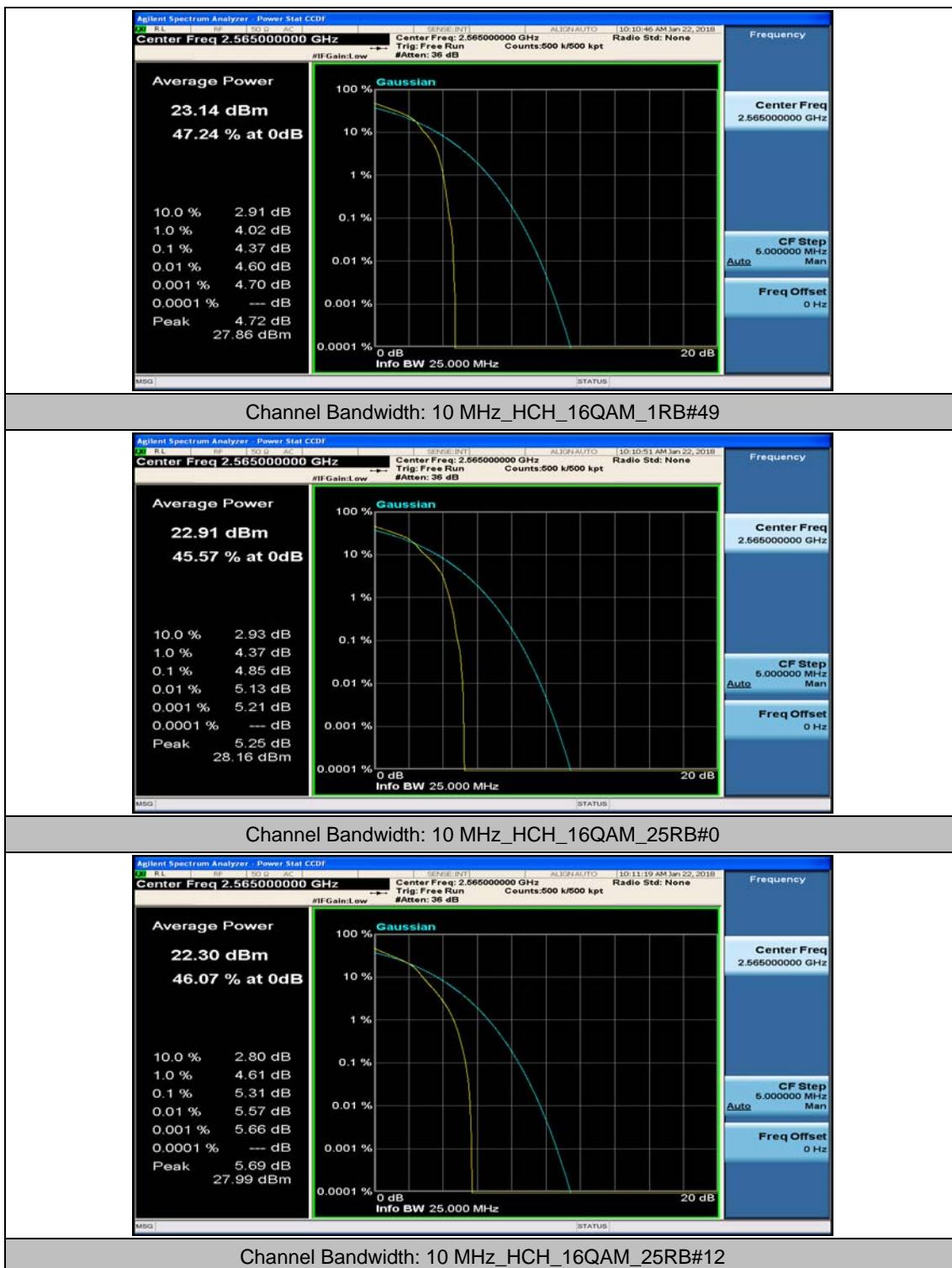


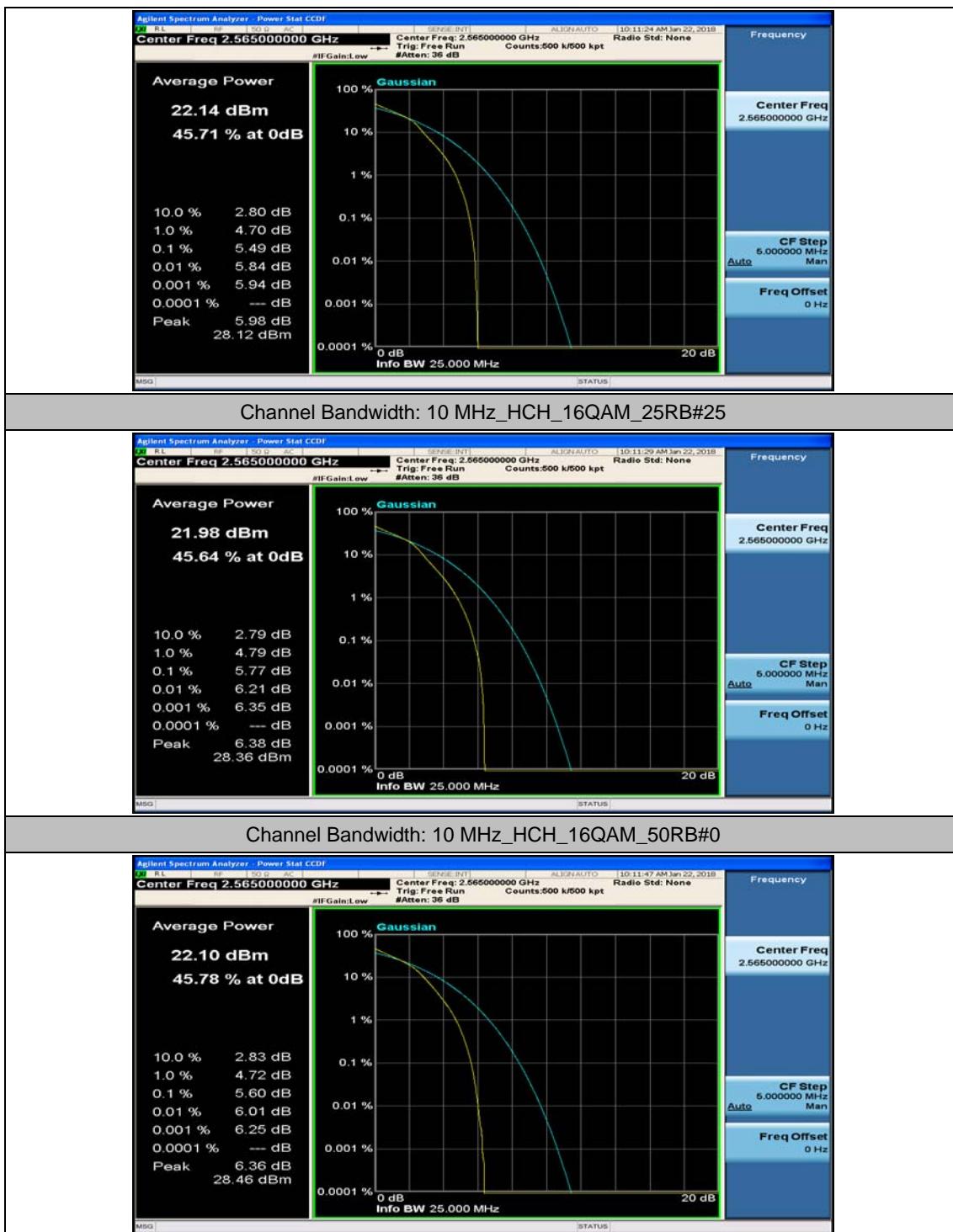


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

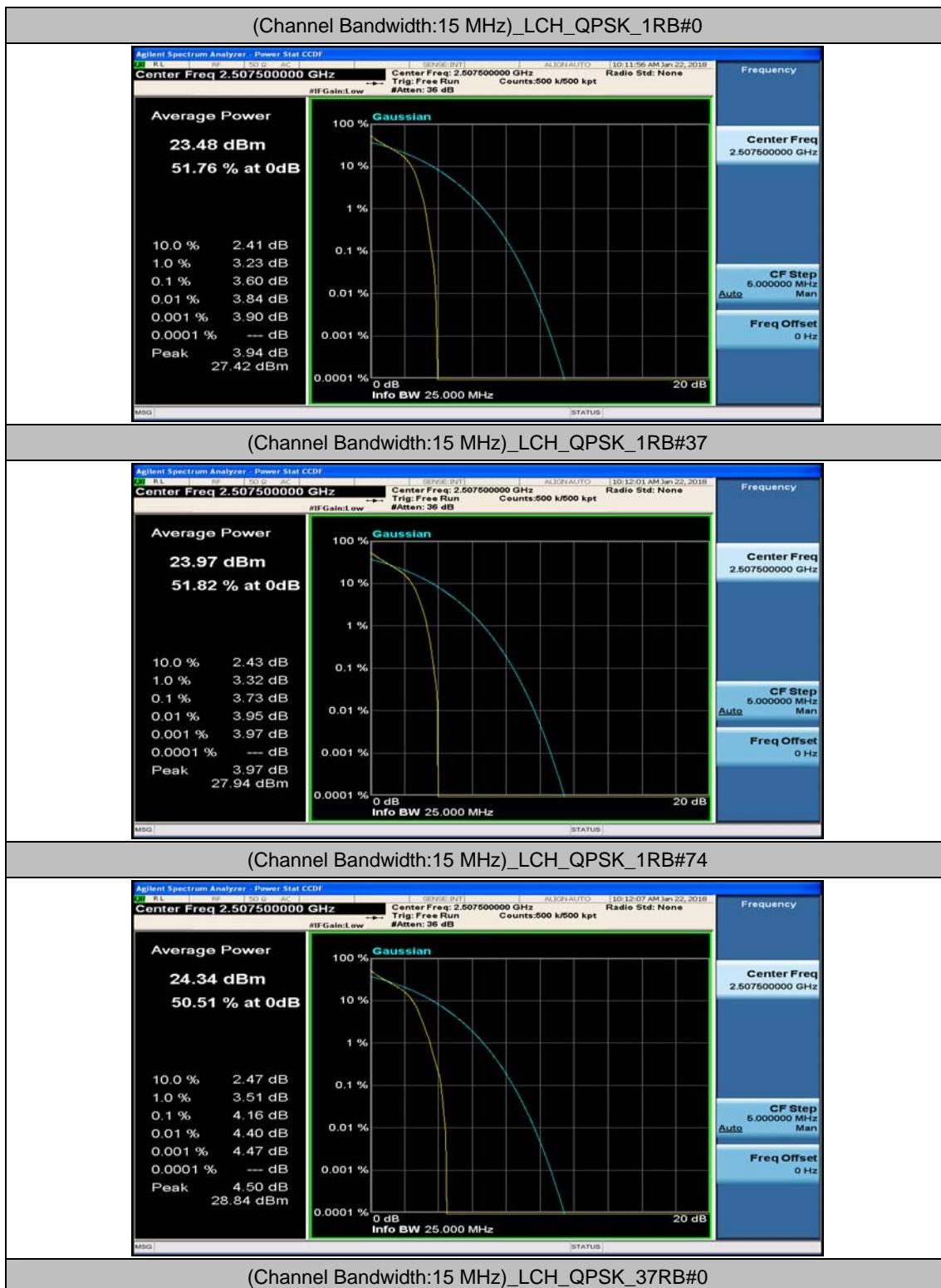


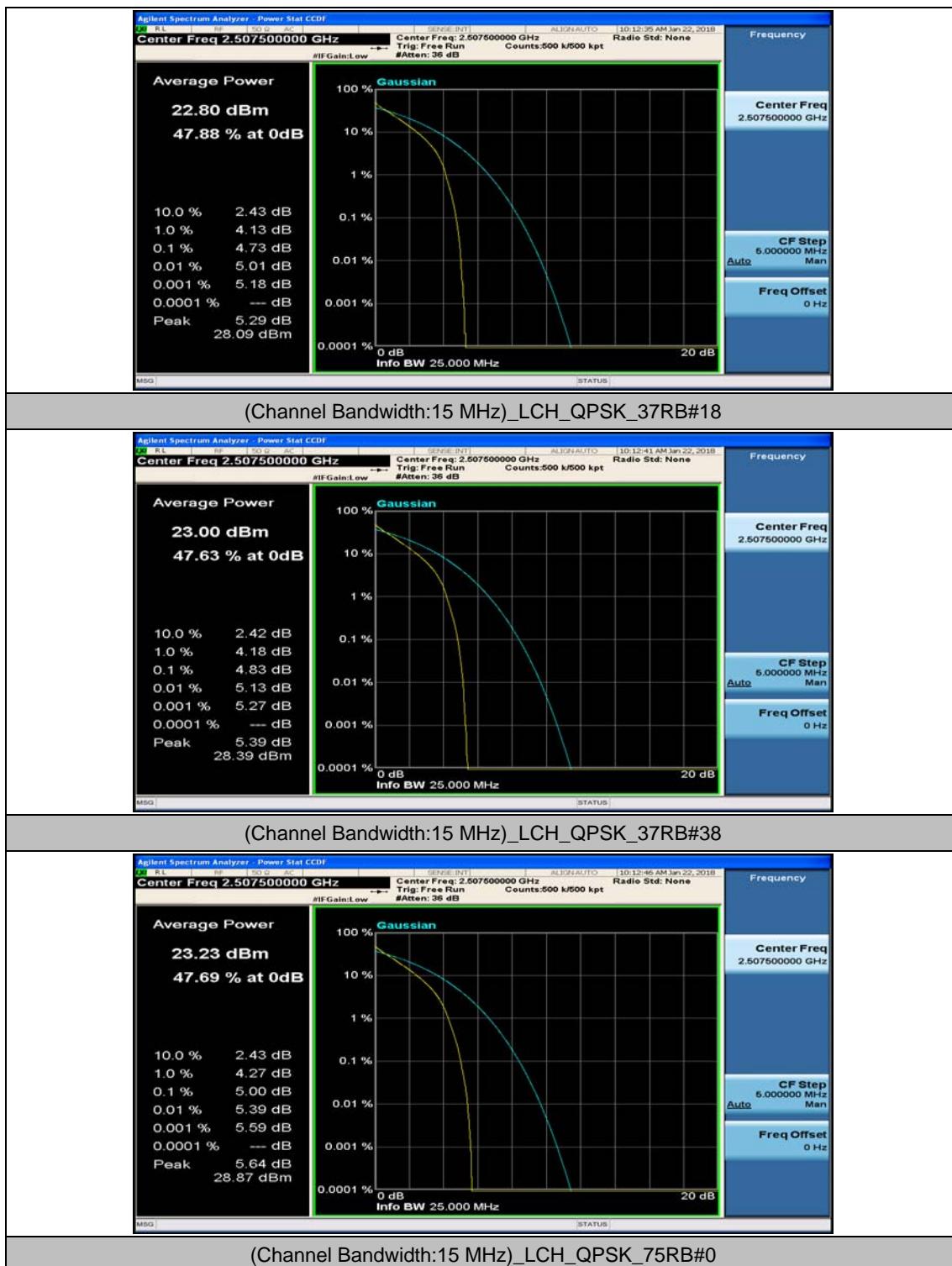


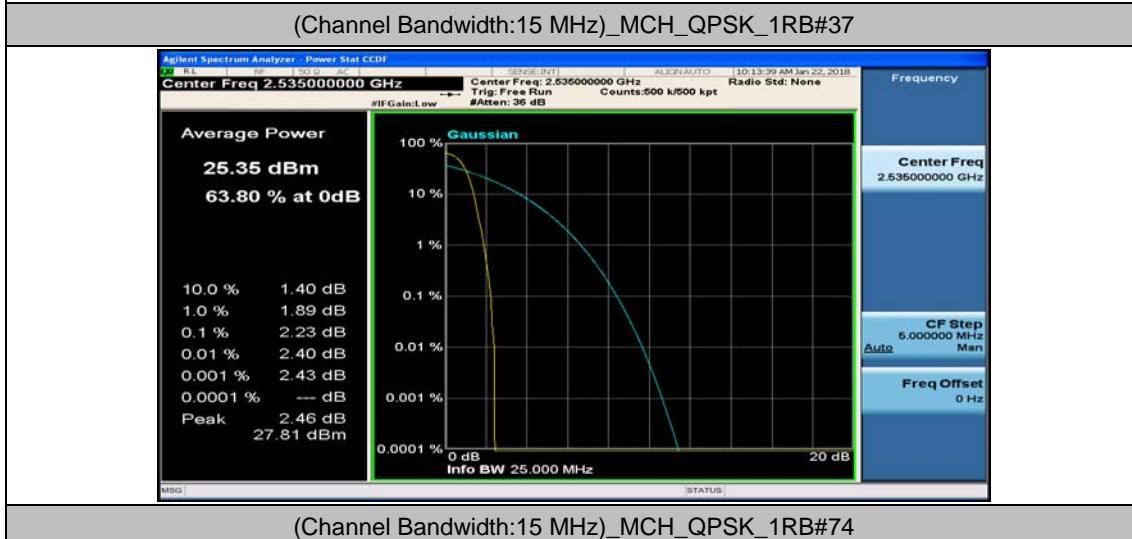
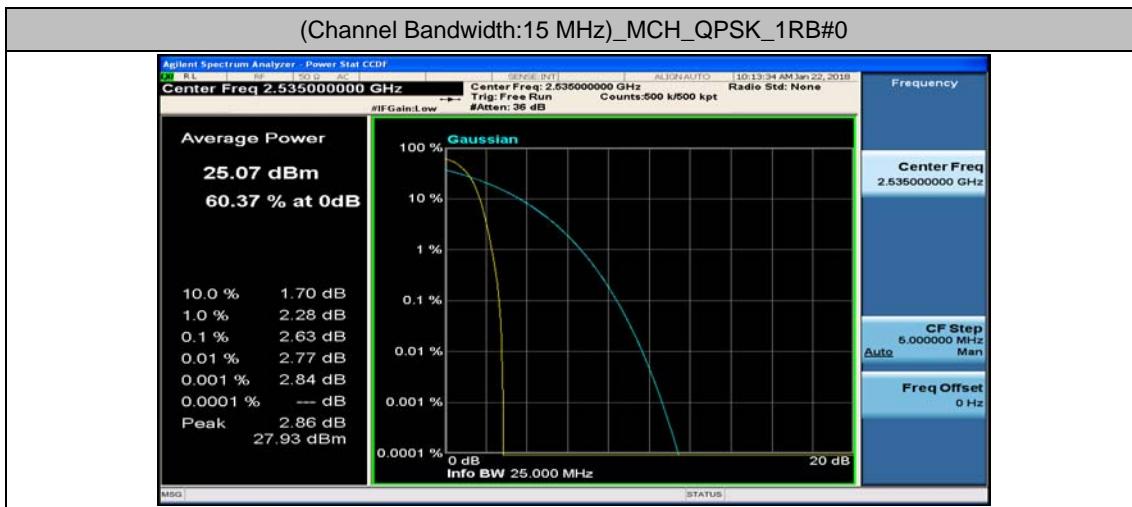
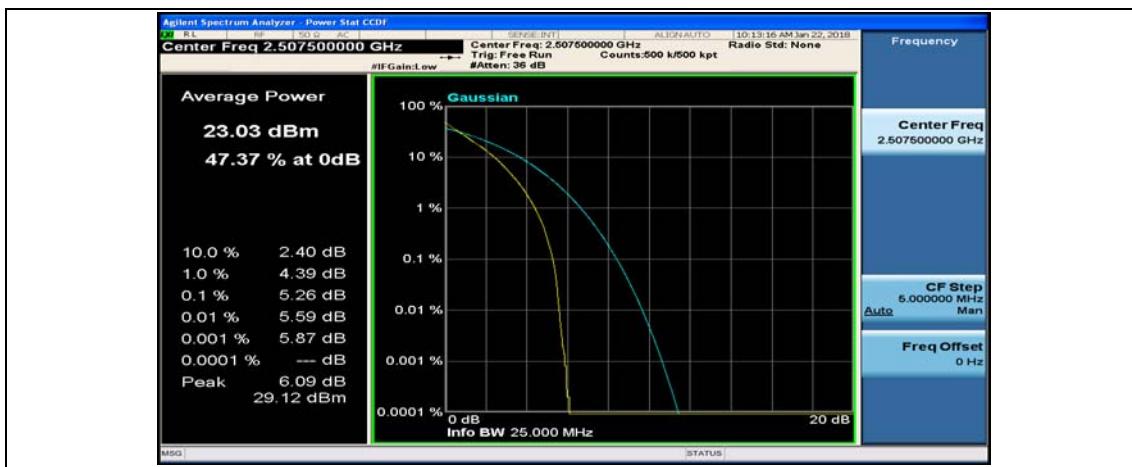




Channel Bandwidth: 15 MHz







(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74

