

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	22.98	PASS
		1	12	23.02	PASS
		1	24	22.94	PASS
		12	0	22.04	PASS
		12	6	22.02	PASS
		12	13	22.01	PASS
		25	0	21.96	PASS
	MCH	1	0	22.94	PASS
		1	12	22.97	PASS
		1	24	22.87	PASS
		12	0	22.01	PASS
		12	6	21.97	PASS
		12	13	21.97	PASS
		25	0	21.94	PASS
16QAM	HCH	1	0	22.66	PASS
		1	12	22.28	PASS
		1	24	22.50	PASS
		12	0	21.57	PASS
		12	6	21.55	PASS
		12	13	21.53	PASS
		25	0	21.44	PASS
	LCH	1	0	22.07	PASS
		1	12	22.13	PASS
		1	24	22.07	PASS
		12	0	21.07	PASS
		12	6	21.04	PASS
		12	13	21.02	PASS
		25	0	20.98	PASS
	MCH	1	0	22.05	PASS
		1	12	22.05	PASS
		1	24	21.93	PASS
		12	0	21.08	PASS
		12	6	21.06	PASS

		12	13	21.05	PASS
		25	0	20.94	PASS
HCH	HCH	1	0	21.61	PASS
		1	12	21.54	PASS
		1	24	21.52	PASS
		12	0	20.69	PASS
		12	6	20.75	PASS
		12	13	20.55	PASS
		25	0	20.48	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.00	PASS
		1	24	22.79	PASS
		1	49	21.81	PASS
		25	0	22.04	PASS
		25	12	22.05	PASS
		25	25	21.88	PASS
		50	0	22.06	PASS
	MCH	1	0	23.02	PASS
		1	24	22.99	PASS
		1	49	22.64	PASS
		25	0	22.01	PASS
		25	12	21.97	PASS
		25	25	21.96	PASS
		50	0	21.99	PASS
	HCH	1	0	21.58	PASS
		1	24	21.52	PASS
		1	49	21.56	PASS
		25	0	20.90	PASS
		25	12	20.95	PASS
		25	25	20.86	PASS
		50	0	20.92	PASS
16QAM	LCH	1	0	22.11	PASS
		1	24	22.10	PASS
		1	49	21.31	PASS
		25	0	21.00	PASS
		25	12	21.03	PASS
		25	25	20.87	PASS
		50	0	21.05	PASS
	MCH	1	0	22.46	PASS

		1	24	22.15	PASS
		1	49	22.07	PASS
		25	0	21.00	PASS
		25	12	20.98	PASS
		25	25	20.97	PASS
		50	0	21.02	PASS
	HCH	1	0	20.92	PASS
		1	24	21.00	PASS
		1	49	20.92	PASS
		25	0	20.56	PASS
		25	12	20.65	PASS
		25	25	20.39	PASS
		50	0	20.36	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.06	PASS
		1	37	21.91	PASS
		1	74	21.88	PASS
		37	0	22.16	PASS
		37	18	21.46	PASS
		37	38	20.63	PASS
		75	0	21.46	PASS
	MCH	1	0	23.16	PASS
		1	37	22.96	PASS
		1	74	22.32	PASS
		37	0	22.26	PASS
		37	18	22.25	PASS
		37	38	21.94	PASS
		75	0	22.26	PASS
	HCH	1	0	21.75	PASS
		1	37	21.54	PASS
		1	74	21.62	PASS
		37	0	20.54	PASS
		37	18	20.65	PASS
		37	38	20.51	PASS
		75	0	20.55	PASS
16QAM	LCH	1	0	22.14	PASS
		1	37	21.44	PASS
		1	74	20.55	PASS
		37	0	21.17	PASS

		37	18	20.51	PASS
		37	38	20.39	PASS
		75	0	20.48	PASS
MCH	MCH	1	0	22.22	PASS
		1	37	22.16	PASS
		1	74	21.62	PASS
		37	0	21.14	PASS
		37	18	21.11	PASS
		37	38	21.07	PASS
		75	0	21.12	PASS
HCH	HCH	1	0	20.68	PASS
		1	37	20.49	PASS
		1	74	20.65	PASS
		37	0	20.56	PASS
		37	18	20.39	PASS
		37	38	20.42	PASS
		75	0	20.43	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.28	PASS
		1	49	21.52	PASS
		1	99	21.52	PASS
		50	0	21.62	PASS
		50	25	20.61	PASS
		50	50	20.63	PASS
		100	0	20.99	PASS
	MCH	1	0	23.09	PASS
		1	49	22.87	PASS
		1	99	21.93	PASS
		50	0	22.13	PASS
		50	25	22.08	PASS
		50	50	21.62	PASS
		100	0	22.01	PASS
	HCH	1	0	21.62	PASS
		1	49	21.68	PASS
		1	99	21.92	PASS
		50	0	20.96	PASS
		50	25	20.60	PASS
		50	50	20.56	PASS
		100	0	20.55	PASS

16QAM	LCH	1	0	22.20	PASS
		1	49	20.71	PASS
		1	99	20.81	PASS
		50	0	20.73	PASS
		50	25	20.56	PASS
		50	50	20.87	PASS
		100	0	20.43	PASS
	MCH	1	0	22.42	PASS
		1	49	22.27	PASS
		1	99	21.24	PASS
		50	0	21.16	PASS
		50	25	21.09	PASS
		50	50	20.91	PASS
		100	0	21.06	PASS
	HCH	1	0	20.79	PASS
		1	49	20.55	PASS
		1	99	20.56	PASS
		50	0	20.45	PASS
		50	25	20.46	PASS
		50	50	20.56	PASS
		100	0	20.43	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	2.33	<13	PASS
		1	12	2.67	<13	PASS
		1	24	2.82	<13	PASS
		12	0	3.54	<13	PASS
		12	6	3.55	<13	PASS
		12	13	3.7	<13	PASS
		25	0	3.65	<13	PASS
	MCH	1	0	2.5	<13	PASS
		1	12	2.77	<13	PASS
		1	24	2.77	<13	PASS
		12	0	3.69	<13	PASS
		12	6	3.68	<13	PASS
		12	13	3.7	<13	PASS
		25	0	3.79	<13	PASS
16QAM	LCH	1	0	3.38	<13	PASS
		1	12	3.57	<13	PASS
		1	24	3.2	<13	PASS
		12	0	4.65	<13	PASS
		12	6	4.73	<13	PASS
		12	13	4.62	<13	PASS
		25	0	4.76	<13	PASS
	MCH	1	0	3.55	<13	PASS
		1	12	3.63	<13	PASS
		1	24	3.79	<13	PASS
		12	0	4.44	<13	PASS
		12	6	4.45	<13	PASS
		12	13	4.41	<13	PASS
		25	0	4.58	<13	PASS

		12	13	4.54	<13	PASS
		25	0	4.64	<13	PASS
HCH	1	0	4.38	<13	PASS	
	1	12	4.55	<13	PASS	
	1	24	4.19	<13	PASS	
	12	0	5.32	<13	PASS	
	12	6	5.32	<13	PASS	
	12	13	5.28	<13	PASS	
	25	0	5.4	<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	2.42	<13	PASS
		1	24	3.05	<13	PASS
		1	49	3.81	<13	PASS
		25	0	3.69	<13	PASS
		25	12	4.1	<13	PASS
		25	25	4.5	<13	PASS
		50	0	4.23	<13	PASS
	MCH	1	0	2.8	<13	PASS
		1	24	2.78	<13	PASS
		1	49	3.19	<13	PASS
		25	0	3.8	<13	PASS
		25	12	3.78	<13	PASS
		25	25	4.00	<13	PASS
		50	0	3.89	<13	PASS
	HCH	1	0	3.72	<13	PASS
		1	24	3.6	<13	PASS
		1	49	3.56	<13	PASS
		25	0	4.74	<13	PASS
		25	12	4.74	<13	PASS
		25	25	4.74	<13	PASS
		50	0	4.82	<13	PASS
16QAM	LCH	1	0	3.49	<13	PASS
		1	24	3.86	<13	PASS
		1	49	4.88	<13	PASS
		25	0	4.51	<13	PASS
		25	12	4.87	<13	PASS
		25	25	5.3	<13	PASS

		50	0	4.95	<13	PASS
MCH	1	0	3.82	<13	PASS	
	1	24	3.70	<13	PASS	
	1	49	4.30	<13	PASS	
	25	0	4.69	<13	PASS	
	25	12	4.66	<13	PASS	
	25	25	4.73	<13	PASS	
	50	0	4.77	<13	PASS	
HCH	1	0	4.80	<13	PASS	
	1	24	4.56	<13	PASS	
	1	49	4.54	<13	PASS	
	25	0	5.58	<13	PASS	
	25	12	5.53	<13	PASS	
	25	25	5.46	<13	PASS	
	50	0	5.62	<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	2.38	<13	PASS
		1	37	3.40	<13	PASS
		1	74	4.22	<13	PASS
		37	0	3.95	<13	PASS
		37	18	4.51	<13	PASS
		37	38	5.17	<13	PASS
		75	0	4.99	<13	PASS
QPSK	MCH	1	0	2.87	<13	PASS
		1	37	2.81	<13	PASS
		1	74	3.28	<13	PASS
		37	0	3.75	<13	PASS
		37	18	3.84	<13	PASS
		37	38	4.15	<13	PASS
		75	0	4.36	<13	PASS
QPSK	HCH	1	0	3.67	<13	PASS
		1	37	3.61	<13	PASS
		1	74	3.46	<13	PASS
		37	0	4.96	<13	PASS
		37	18	4.84	<13	PASS
		37	38	4.83	<13	PASS
		75	0	5.20	<13	PASS

16QAM	LCH	1	0	3.47	<13	PASS
		1	37	4.38	<13	PASS
		1	74	5.37	<13	PASS
		37	0	4.67	<13	PASS
		37	18	5.30	<13	PASS
		37	38	5.99	<13	PASS
		75	0	5.65	<13	PASS
	MCH	1	0	3.96	<13	PASS
		1	37	3.69	<13	PASS
		1	74	4.40	<13	PASS
		37	0	4.74	<13	PASS
		37	18	4.6	<13	PASS
		37	38	4.88	<13	PASS
		75	0	5.06	<13	PASS
	HCH	1	0	4.82	<13	PASS
		1	37	4.74	<13	PASS
		1	74	4.51	<13	PASS
		37	0	5.75	<13	PASS
		37	18	5.66	<13	PASS
		37	38	5.59	<13	PASS
		75	0	5.82	<13	PASS

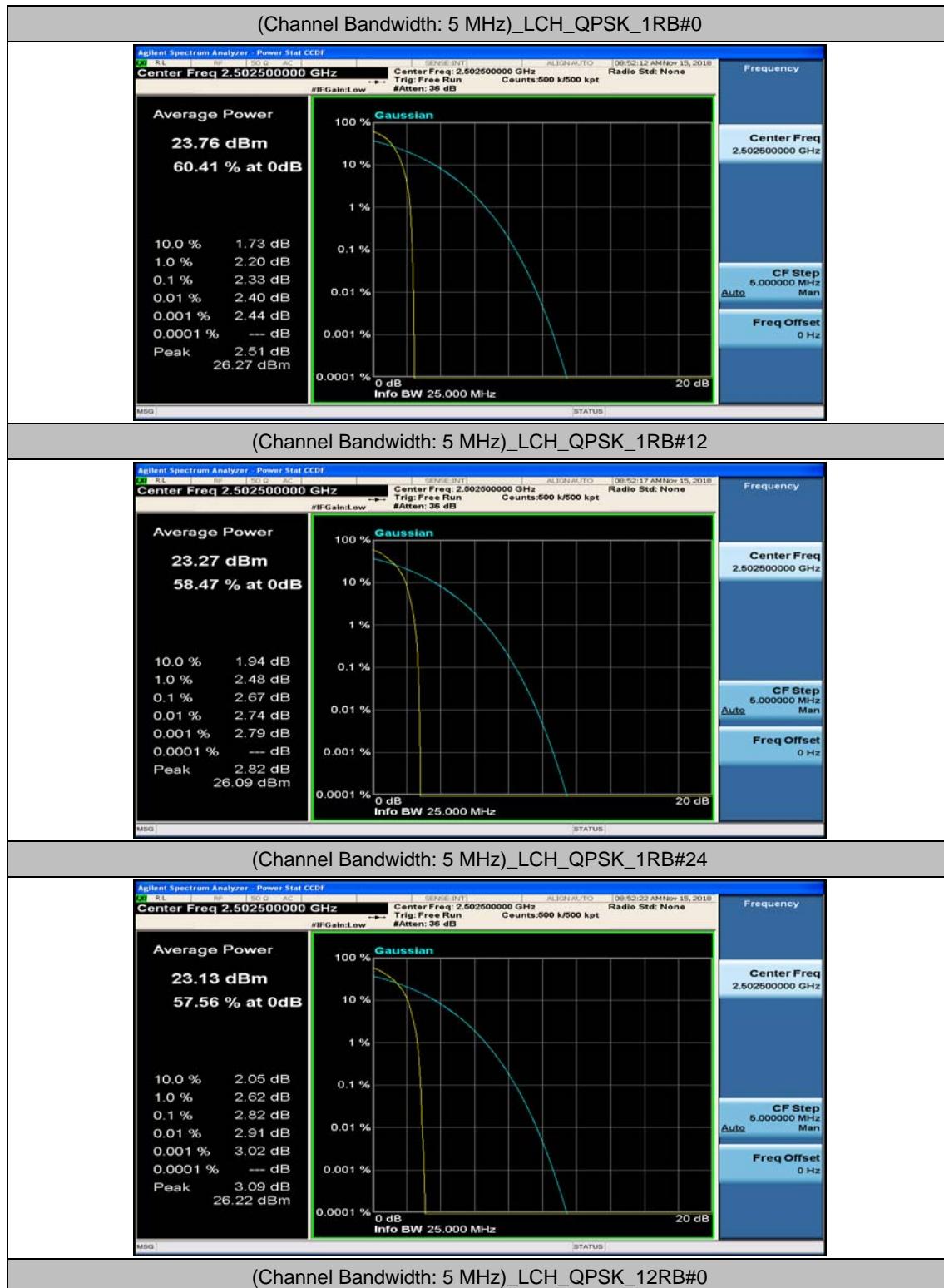
Channel Bandwidth: 20 MHz

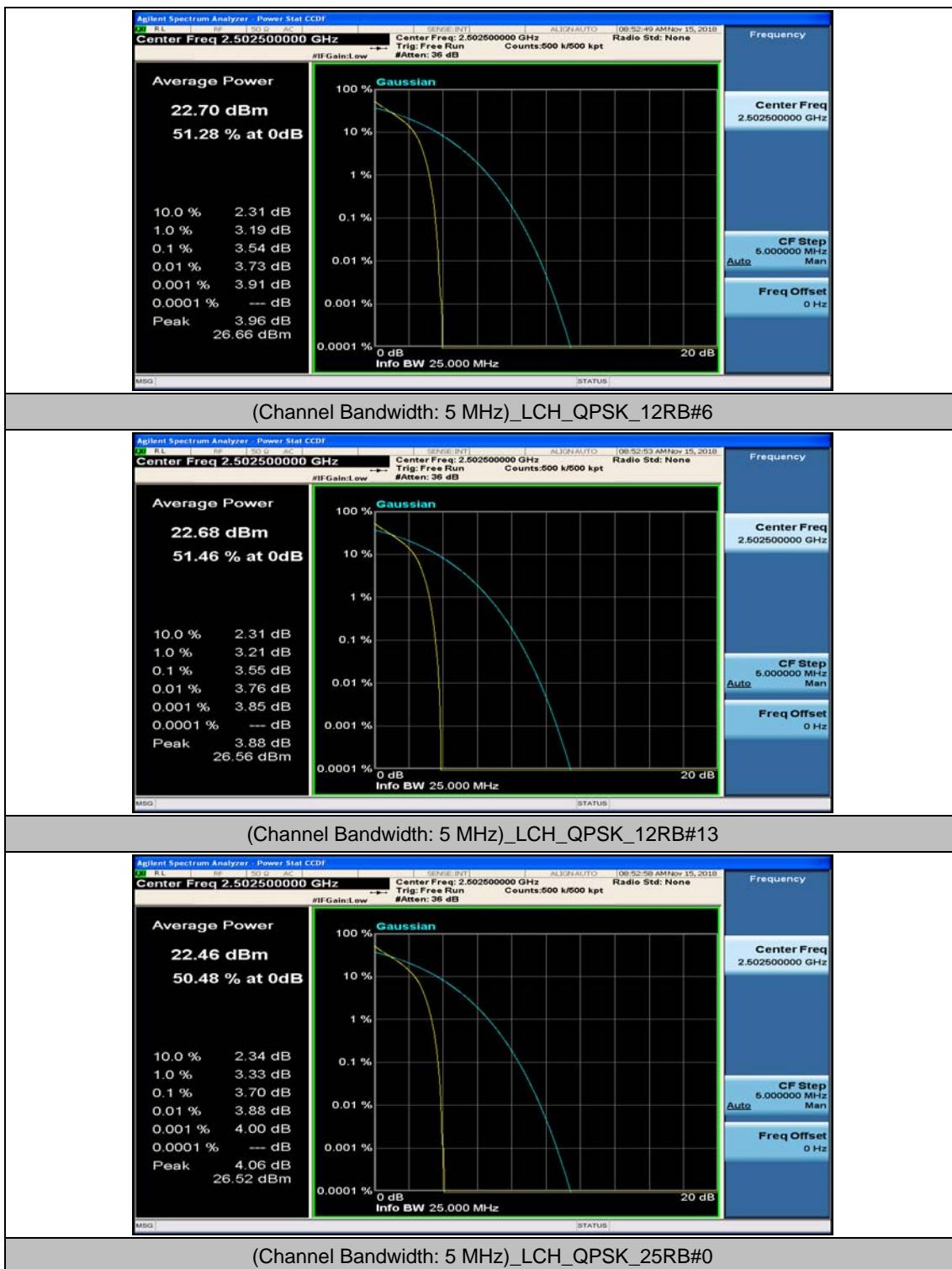
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	2.40	<13	PASS
		1	49	3.76	<13	PASS
		1	99	4.29	<13	PASS
		50	0	4.34	<13	PASS
		50	25	5.07	<13	PASS
		50	50	5.50	<13	PASS
		100	0	5.25	<13	PASS
	MCH	1	0	3.12	<13	PASS
		1	49	2.85	<13	PASS
		1	99	3.50	<13	PASS
		50	0	4.08	<13	PASS
		50	25	3.96	<13	PASS
		50	50	4.45	<13	PASS
		100	0	4.71	<13	PASS
	HCH	1	0	3.79	<13	PASS

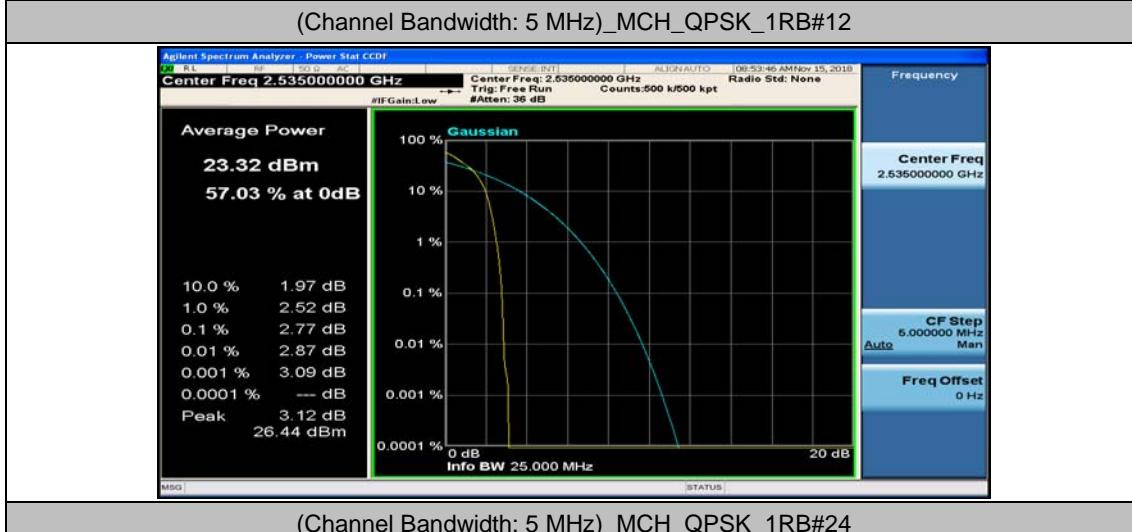
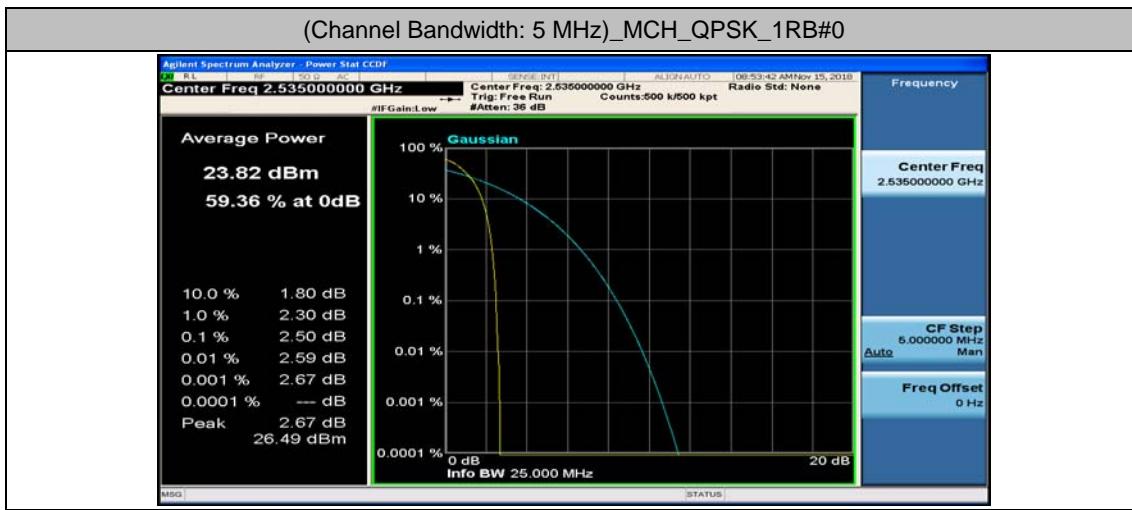
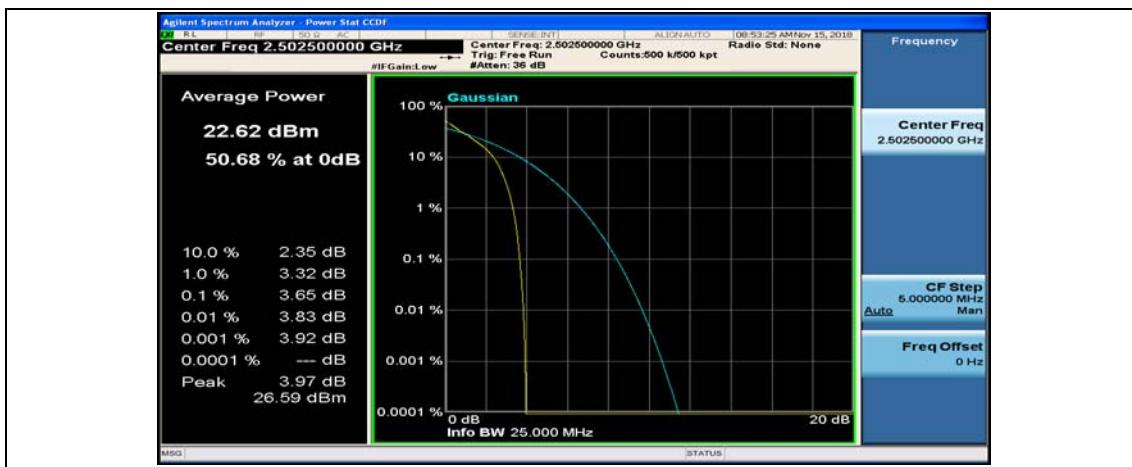
		1	49	3.68	<13	PASS
		1	99	3.61	<13	PASS
		50	0	5.09	<13	PASS
		50	25	5.03	<13	PASS
		50	50	4.96	<13	PASS
		100	0	5.16	<13	PASS
16QAM	LCH	1	0	3.26	<13	PASS
		1	49	4.61	<13	PASS
		1	99	4.96	<13	PASS
		50	0	5.08	<13	PASS
		50	25	5.84	<13	PASS
		50	50	6.21	<13	PASS
		100	0	6.00	<13	PASS
	MCH	1	0	4.02	<13	PASS
		1	49	3.6	<13	PASS
		1	99	4.49	<13	PASS
		50	0	4.97	<13	PASS
		50	25	4.70	<13	PASS
		50	50	5.11	<13	PASS
		100	0	5.35	<13	PASS
	HCH	1	0	4.69	<13	PASS
		1	49	4.67	<13	PASS
		1	99	4.55	<13	PASS
		50	0	5.92	<13	PASS
		50	25	5.82	<13	PASS
		50	50	5.70	<13	PASS
		100	0	5.94	<13	PASS

Test Graphs

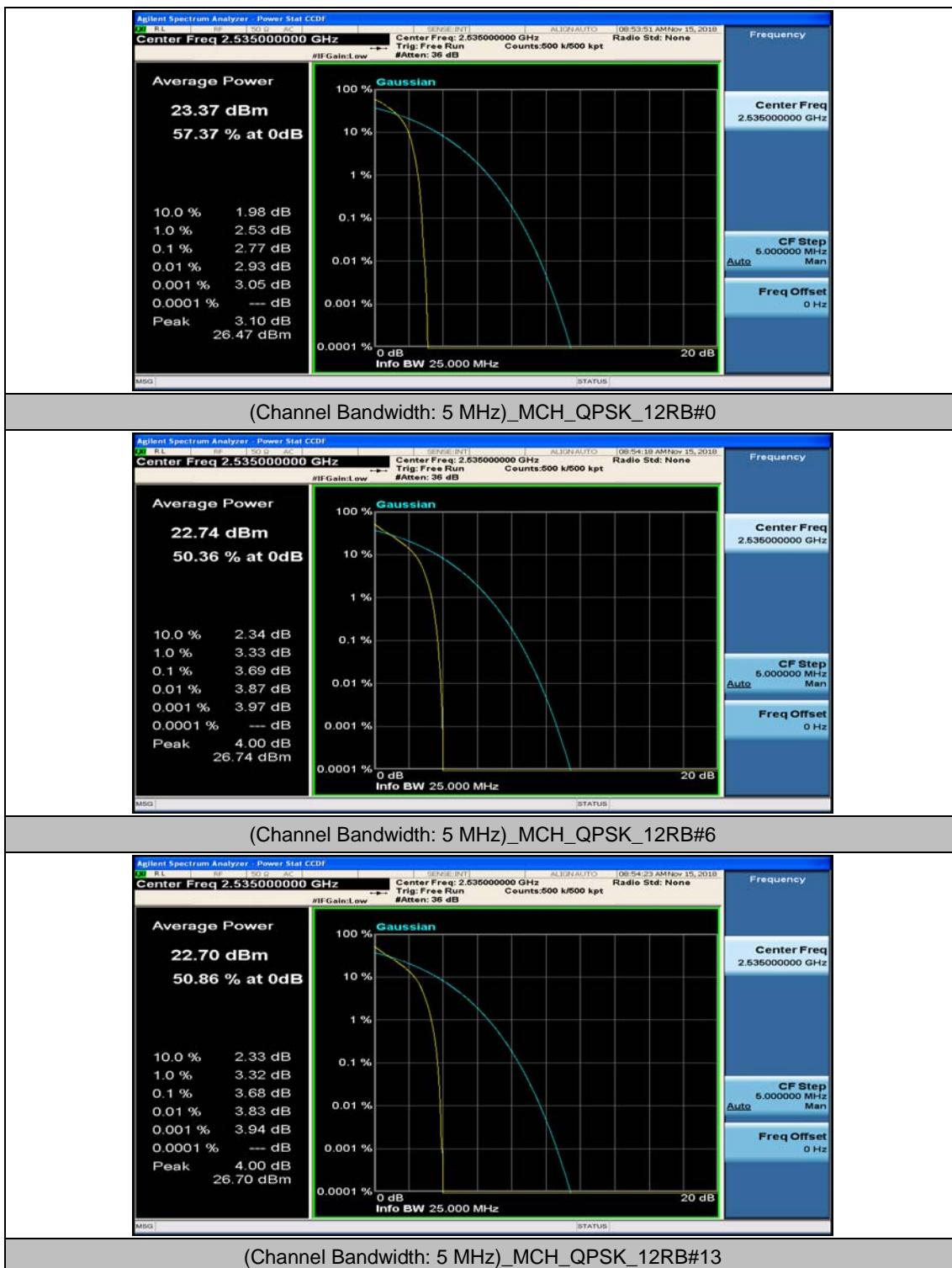
Channel Bandwidth: 5 MHz

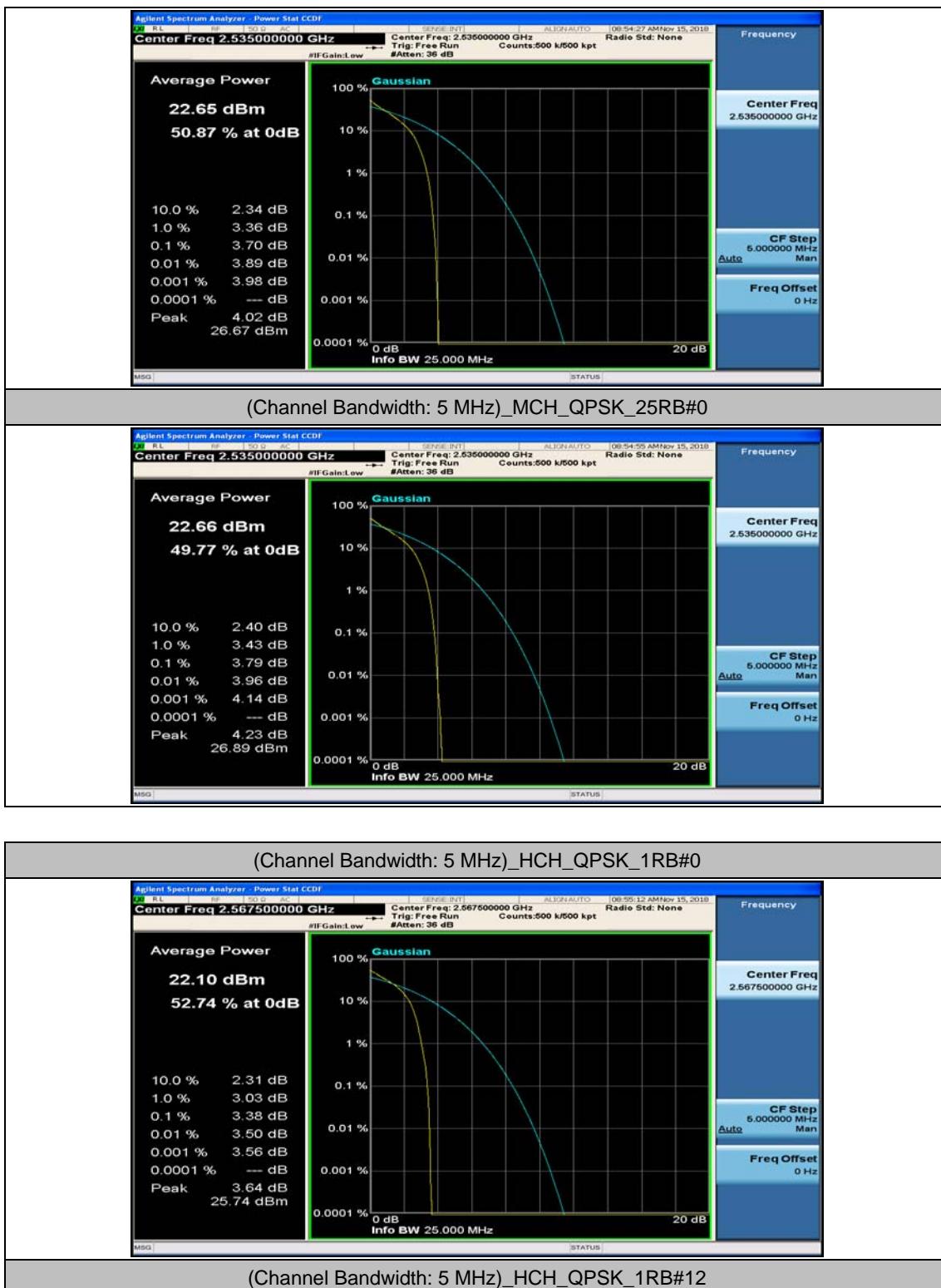


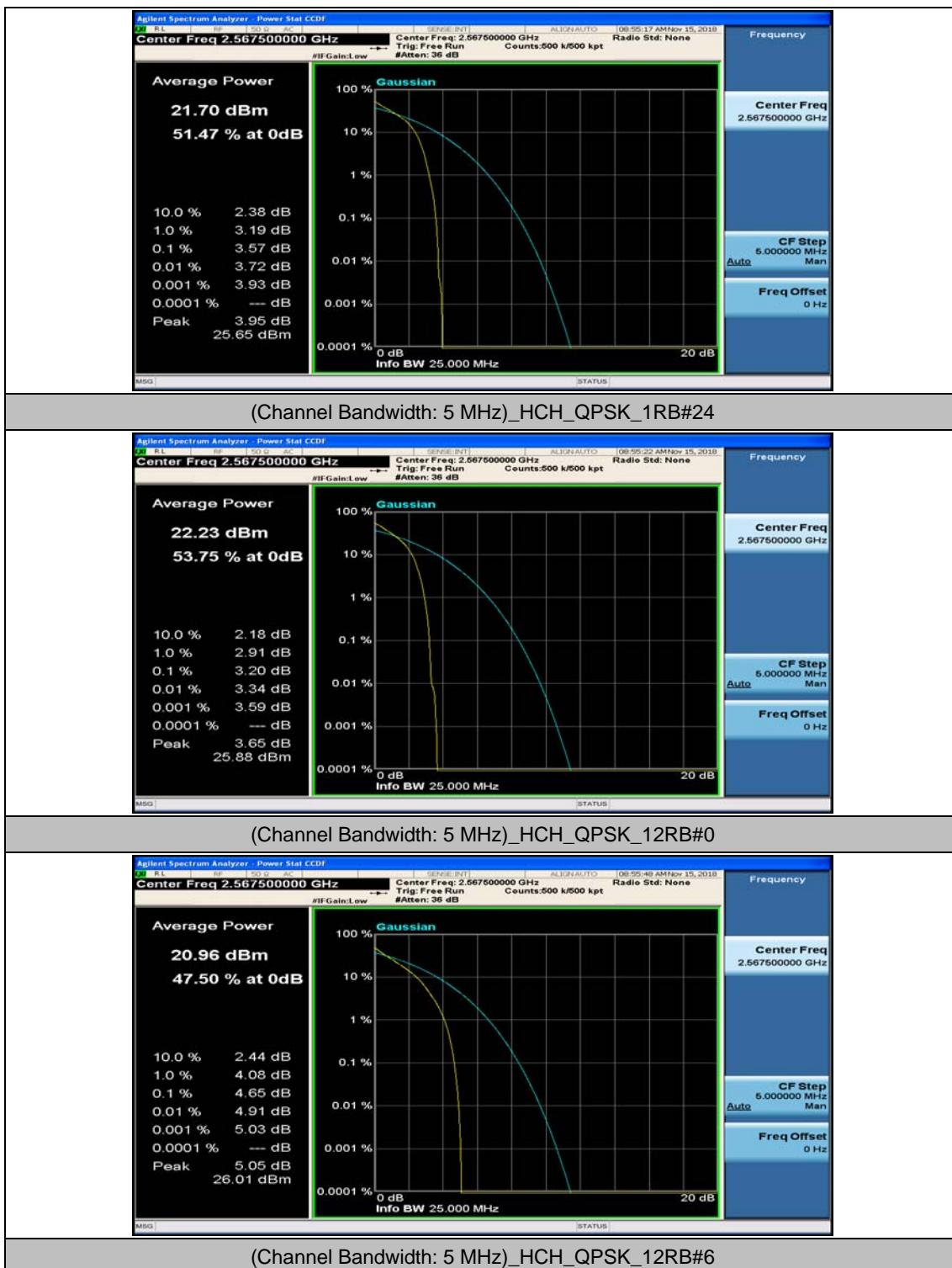


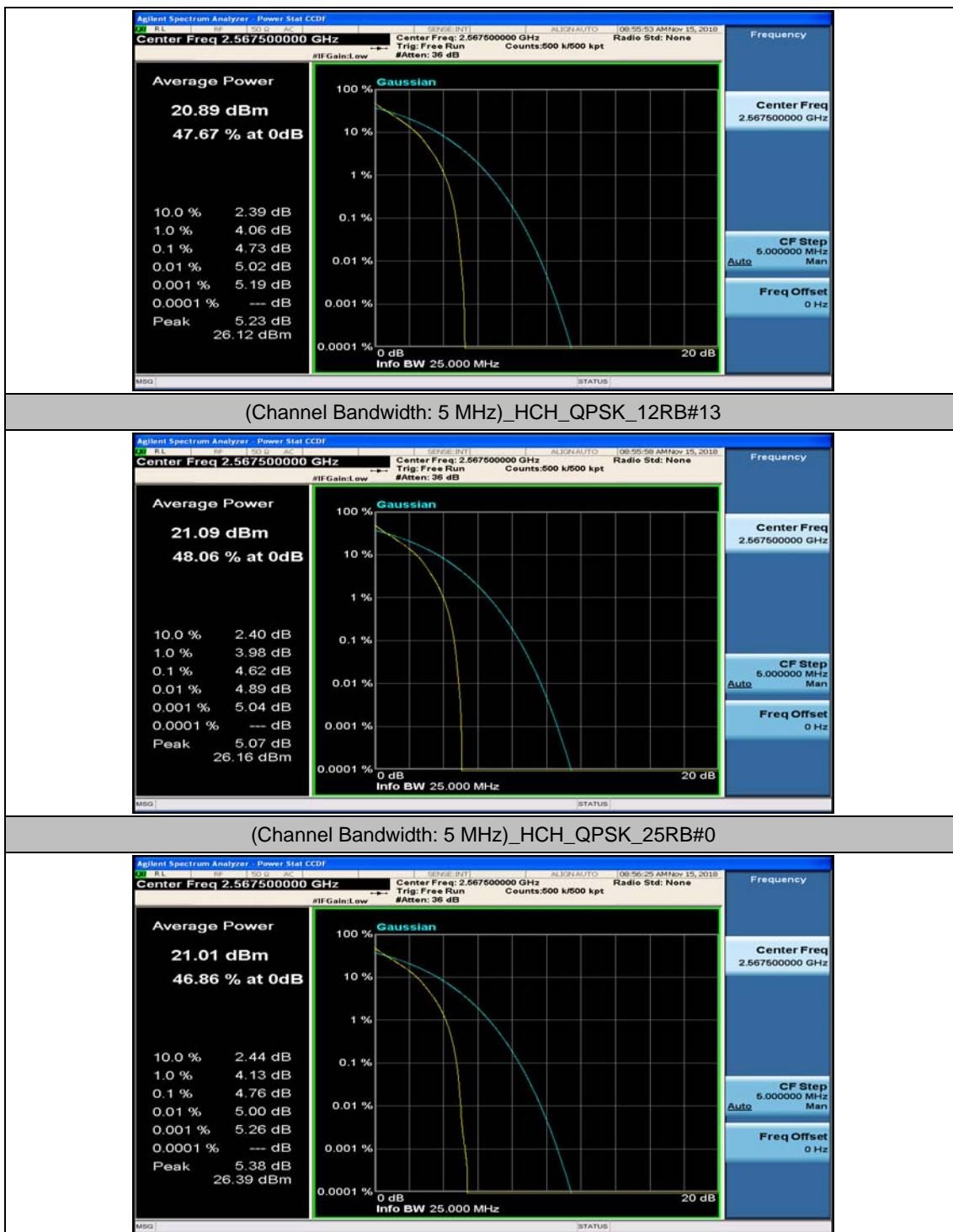


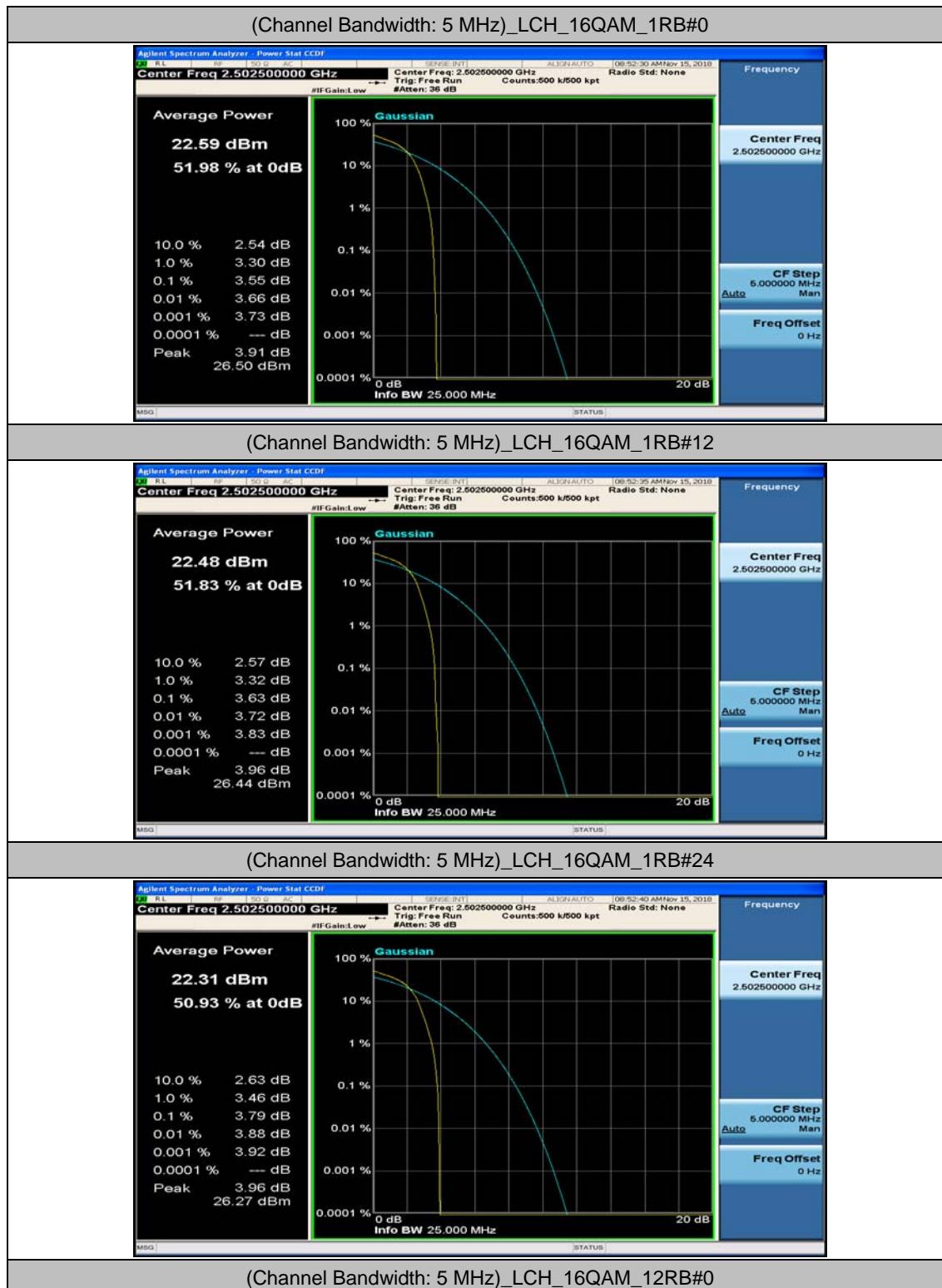
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

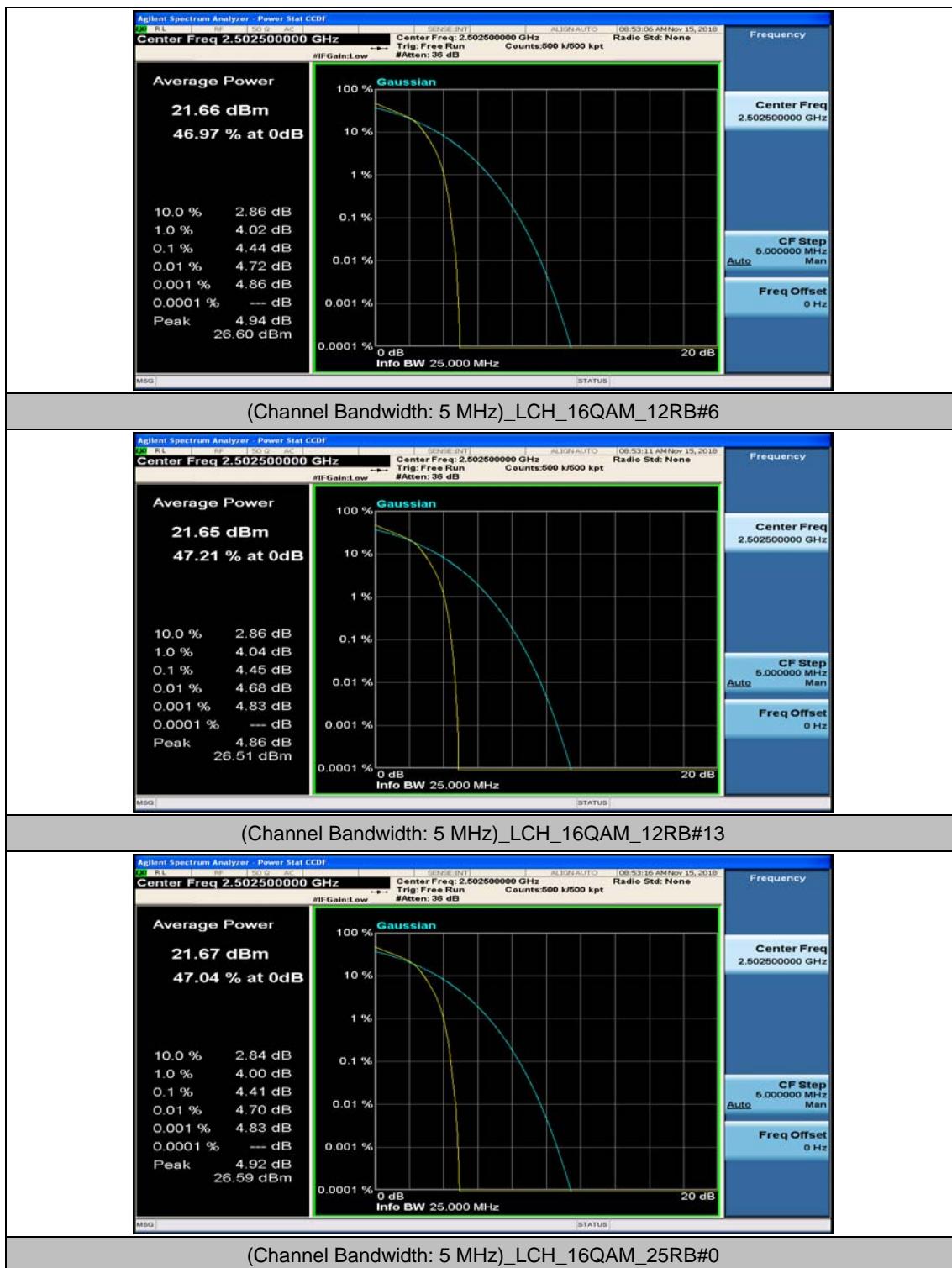


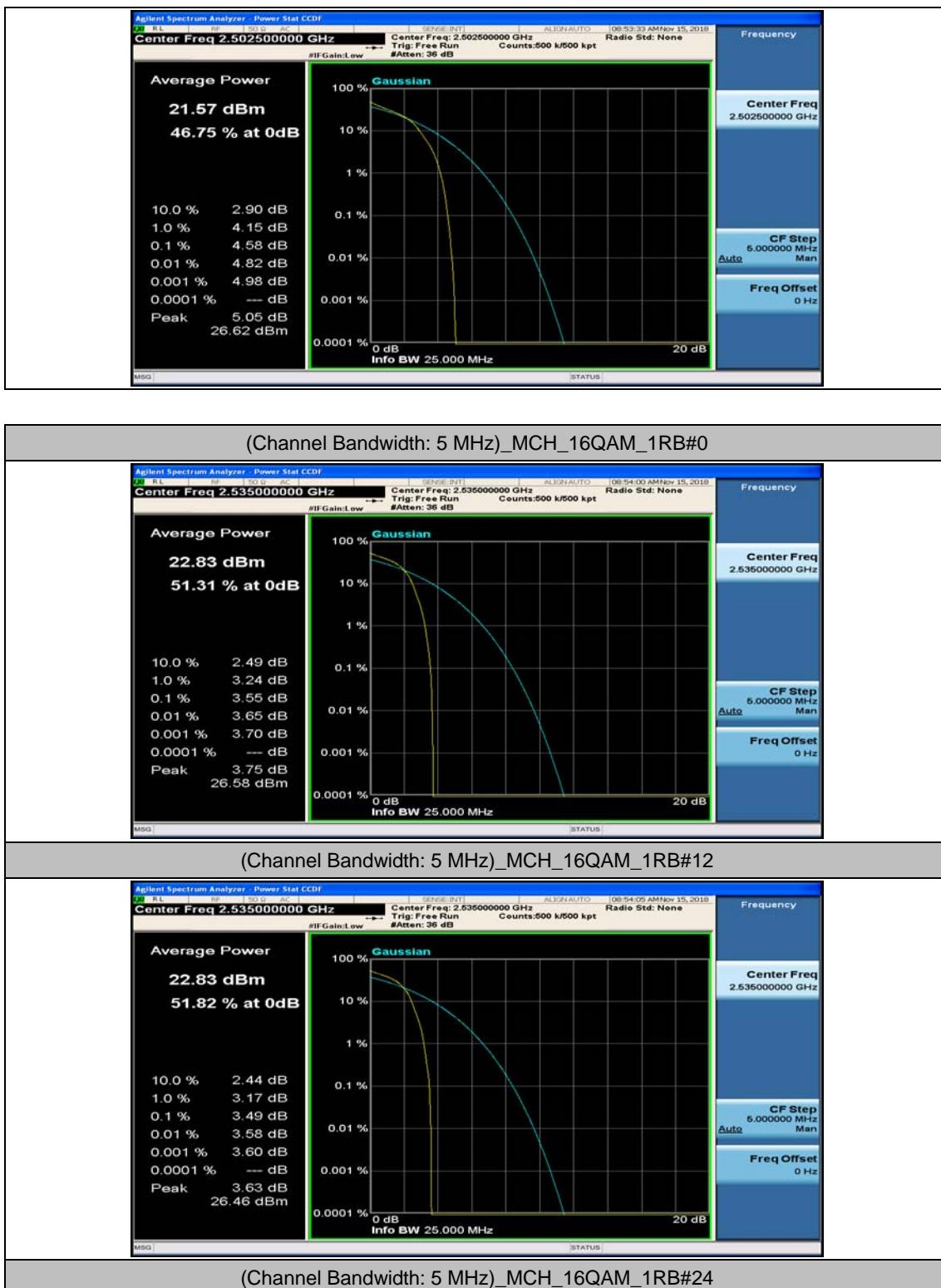


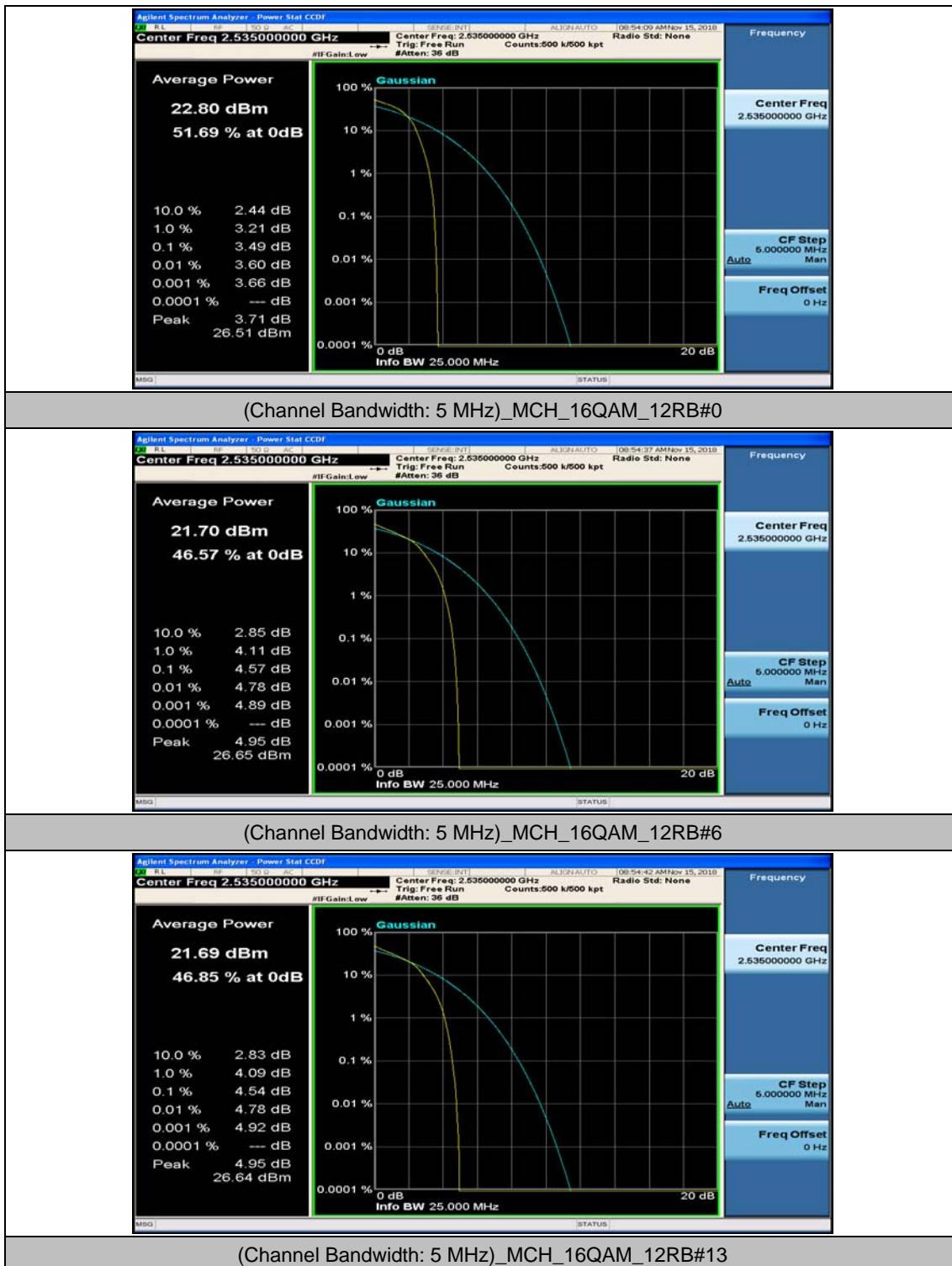


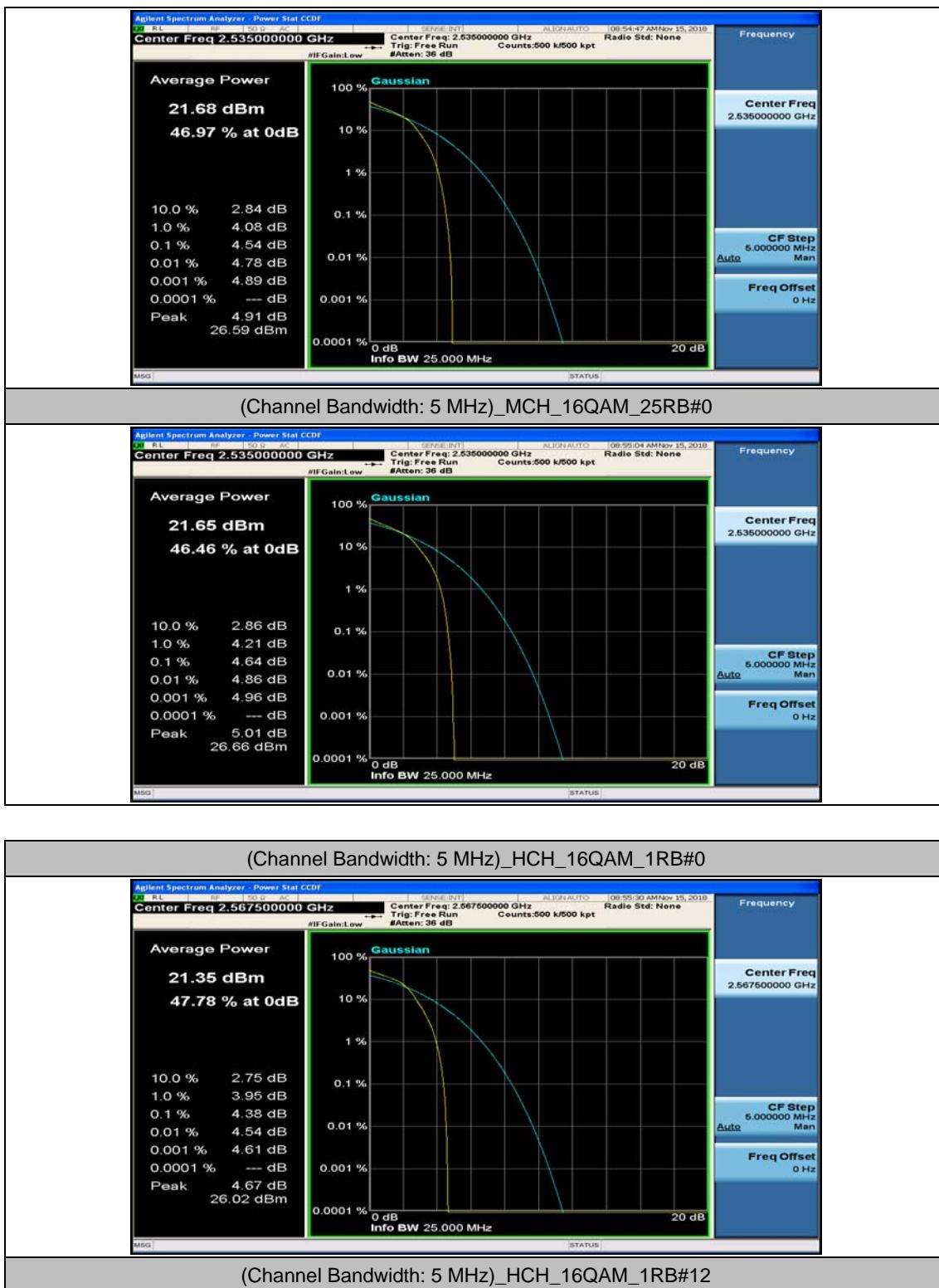


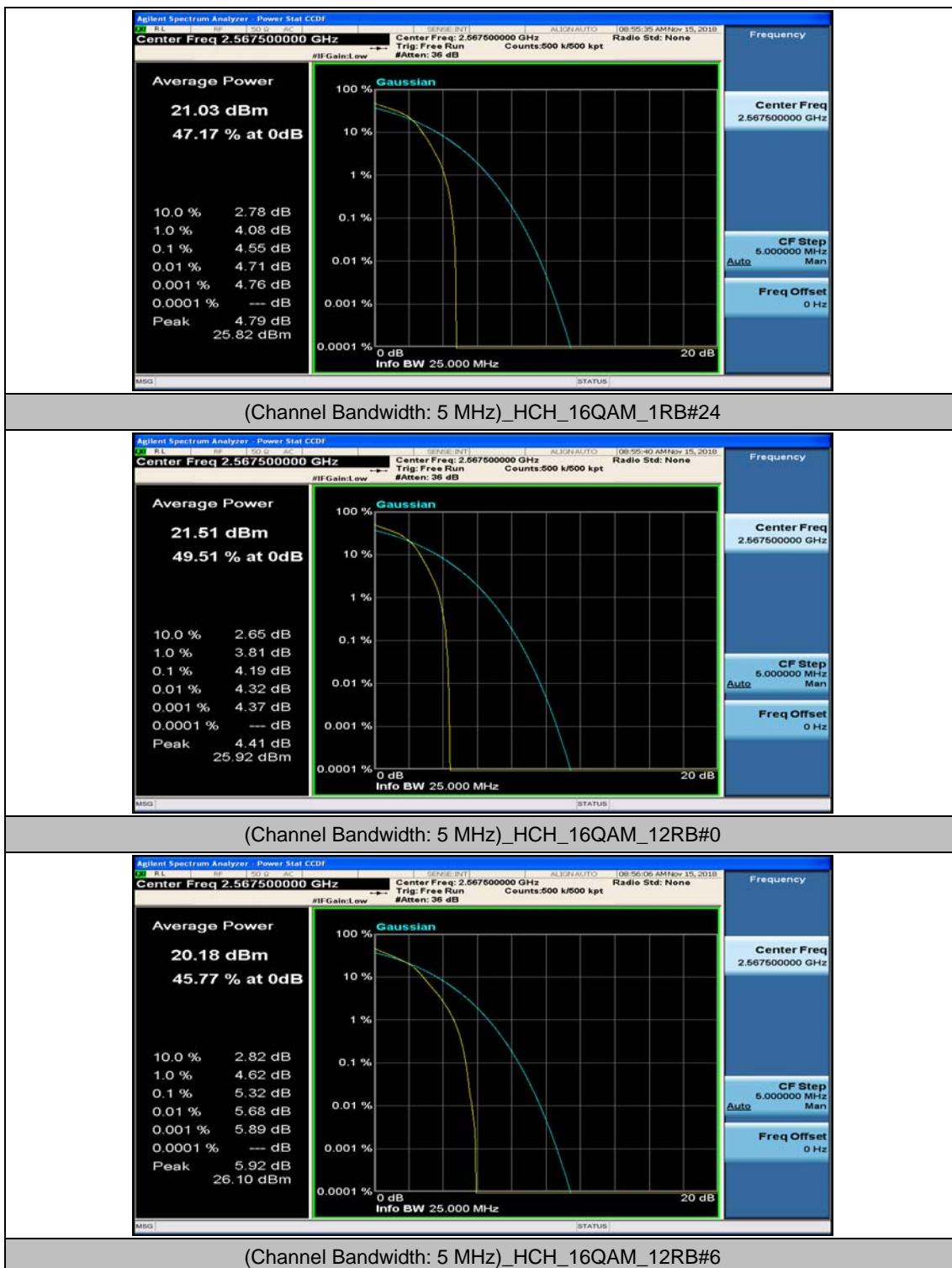


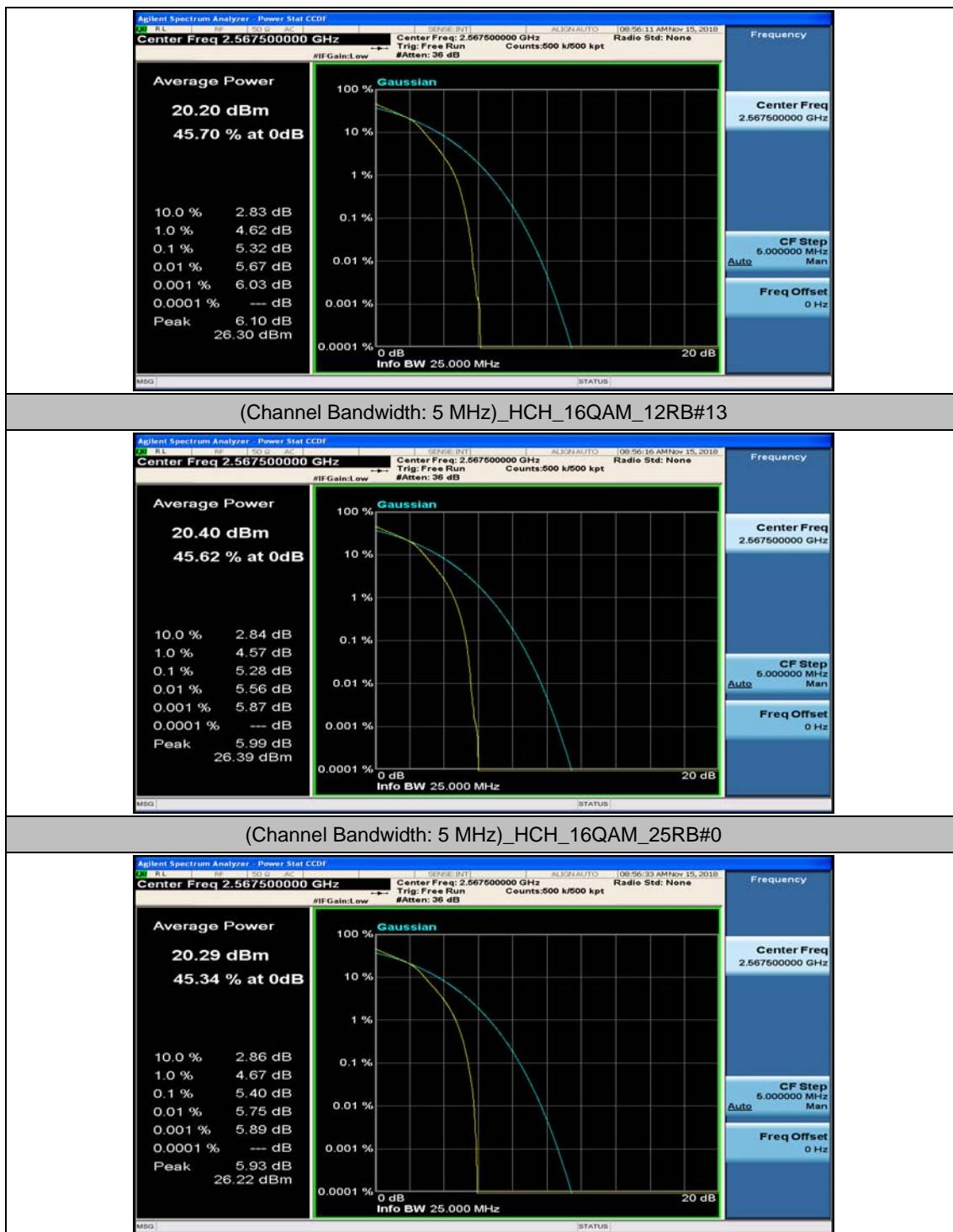




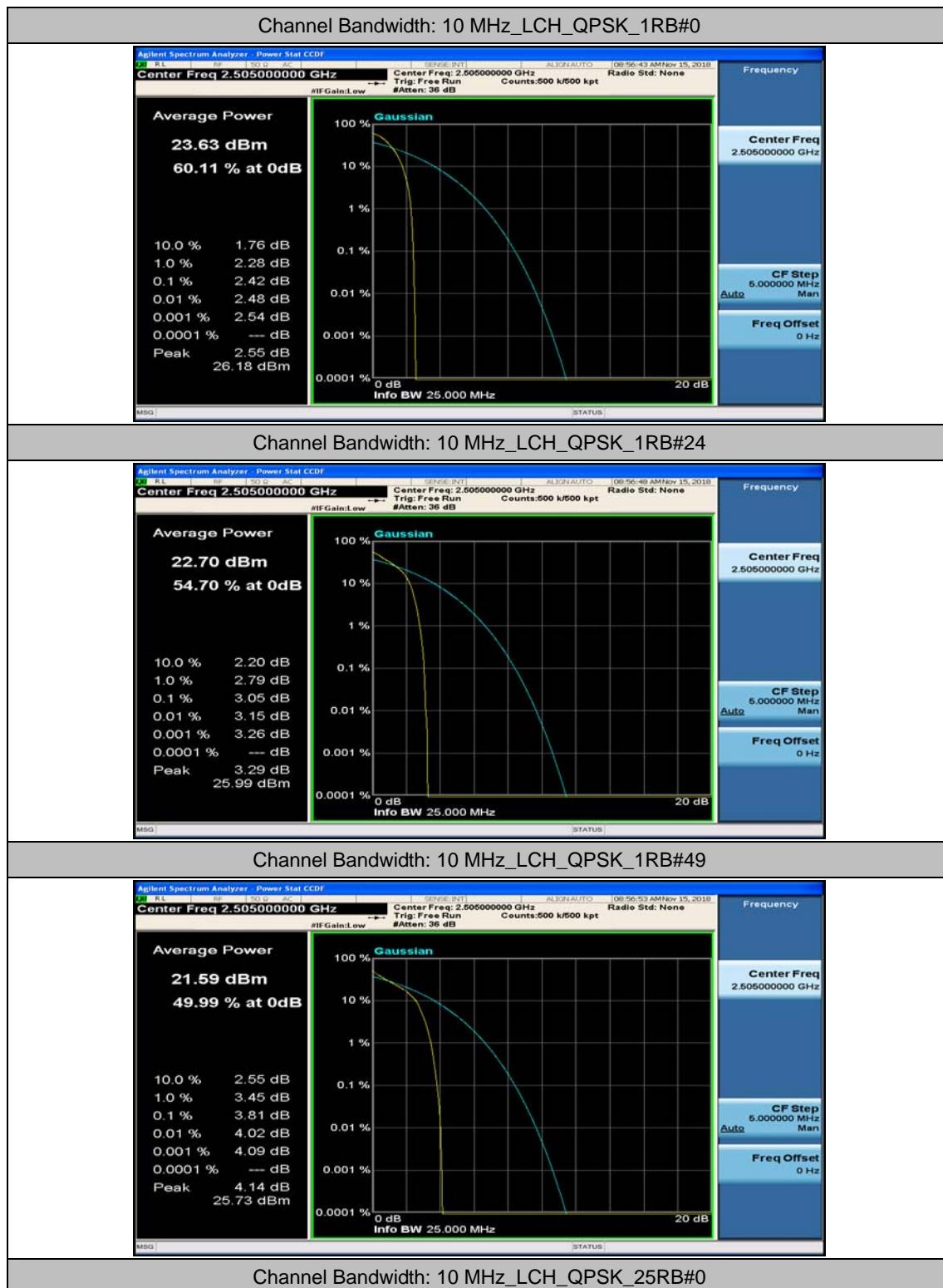


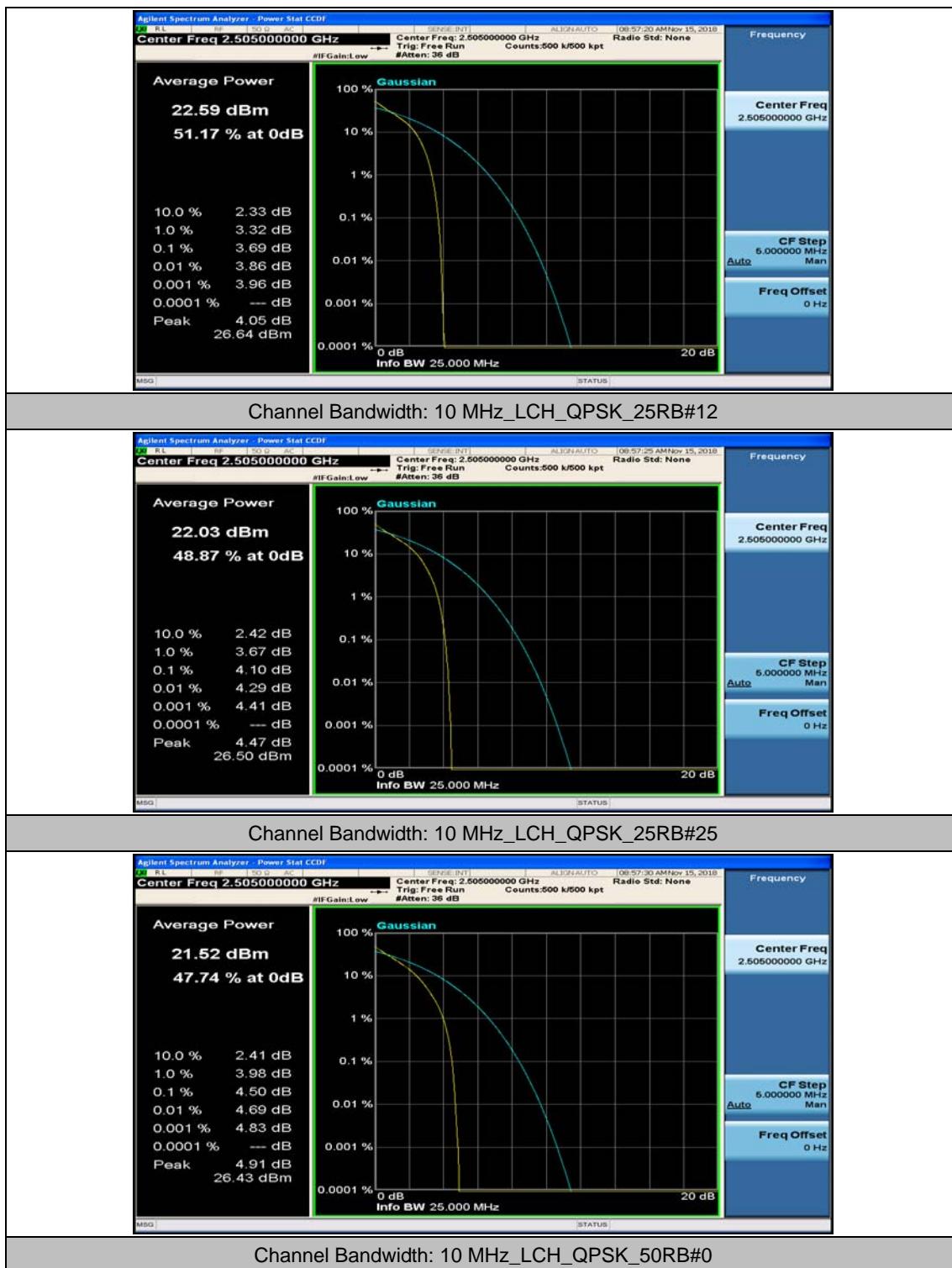


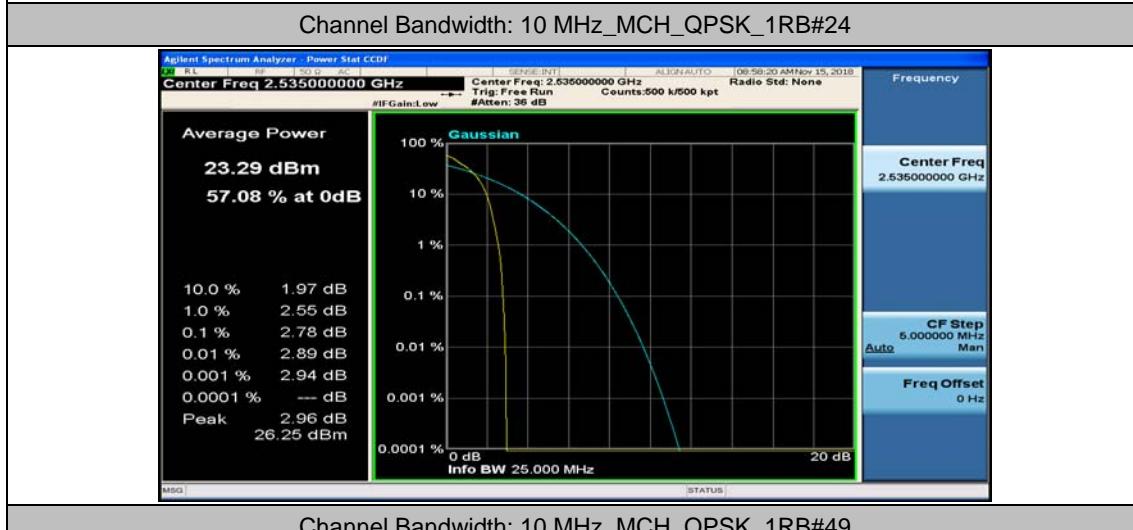
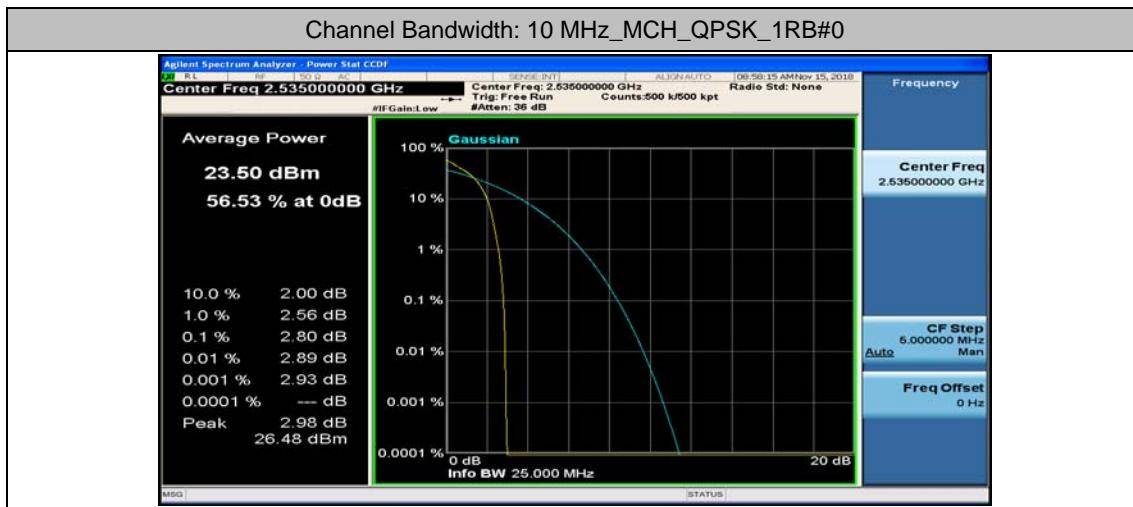
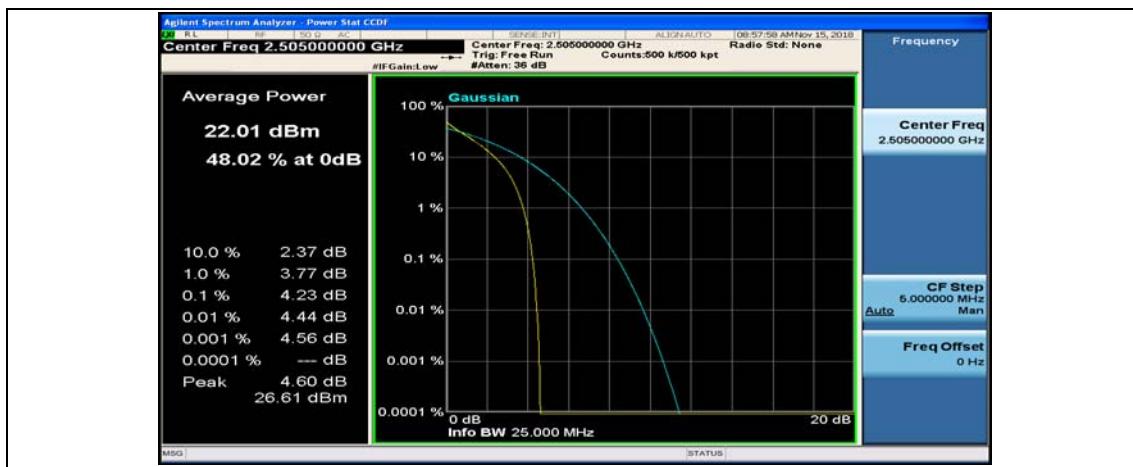




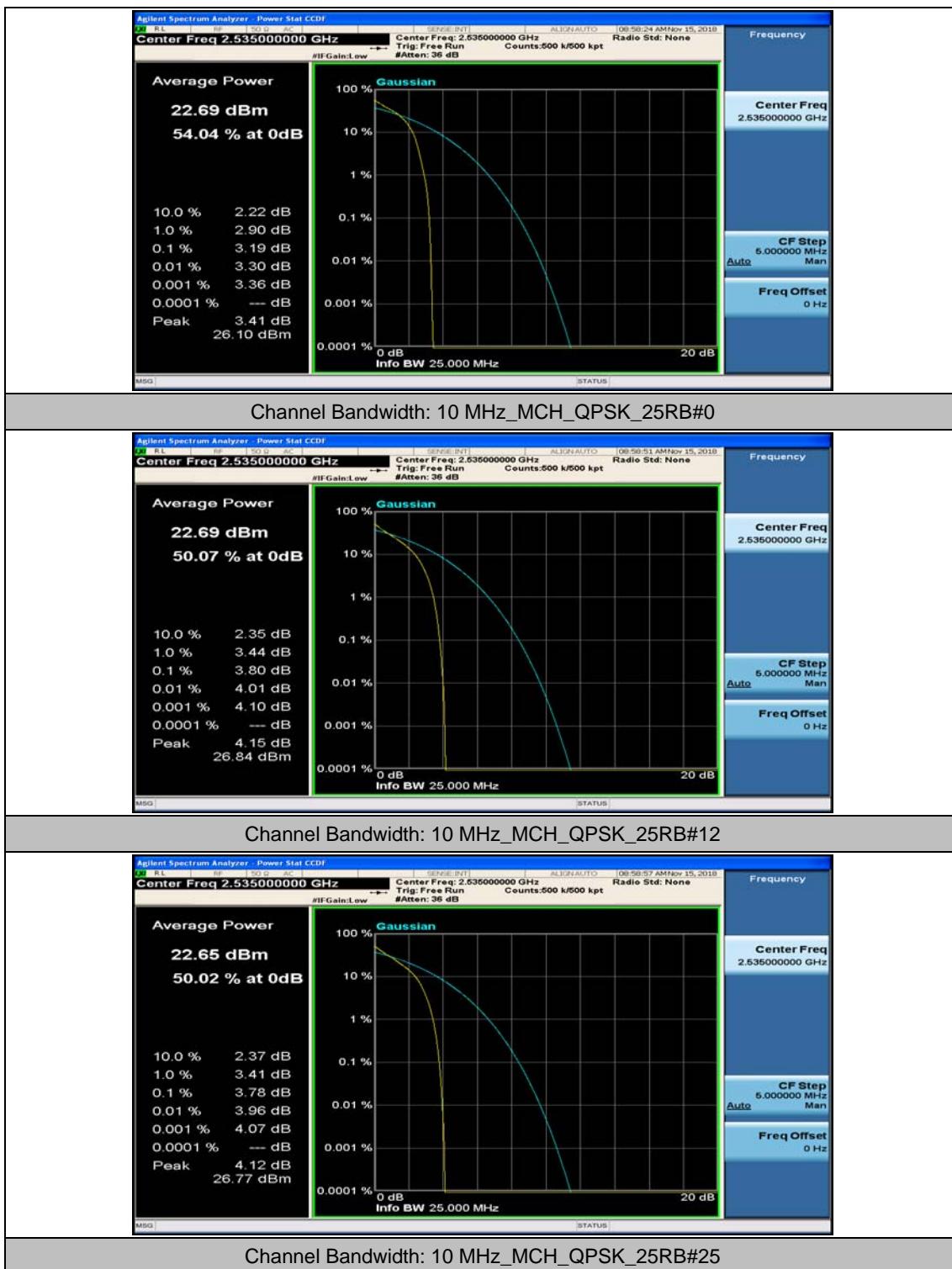
Channel Bandwidth: 10 MHz

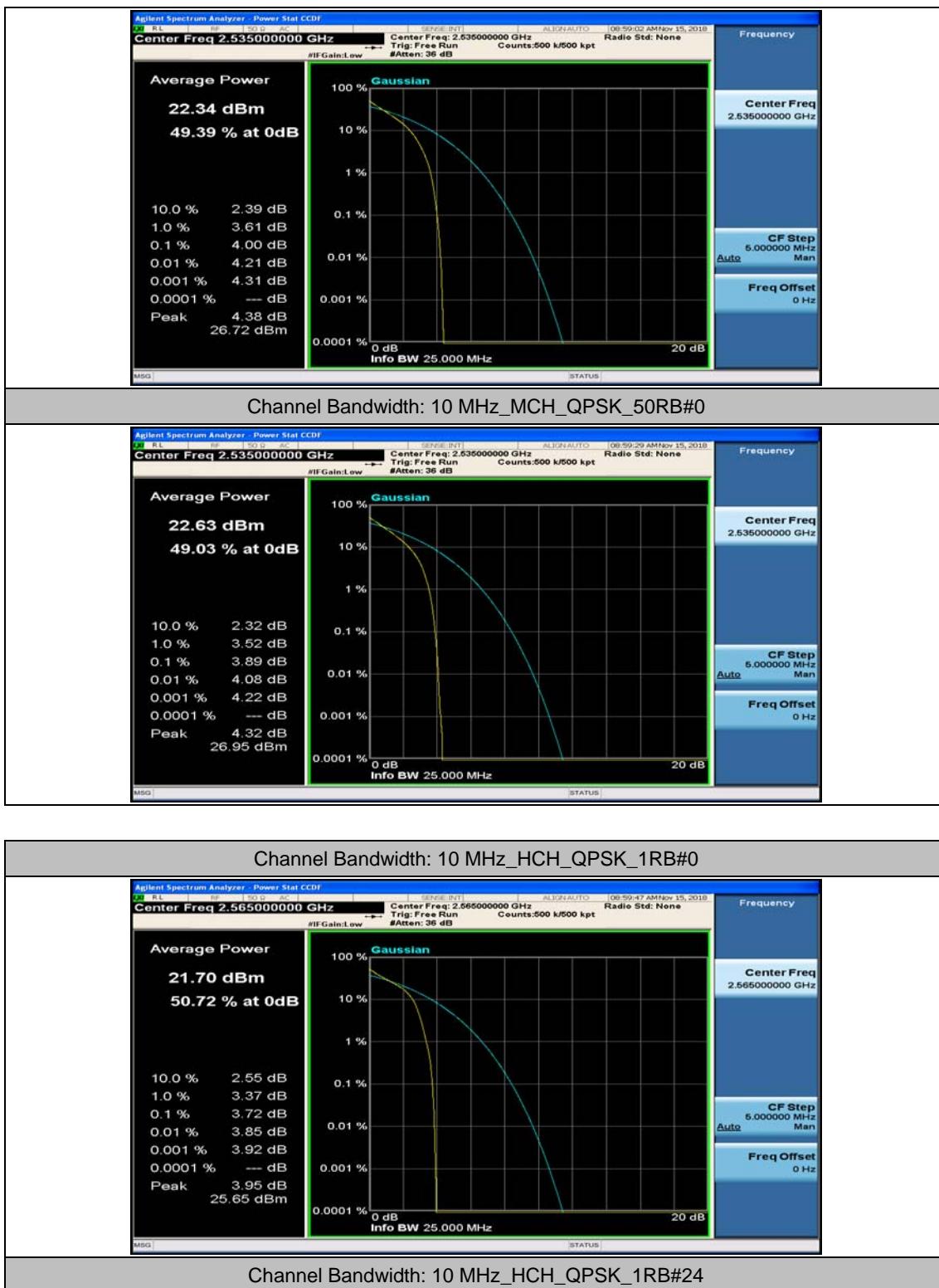


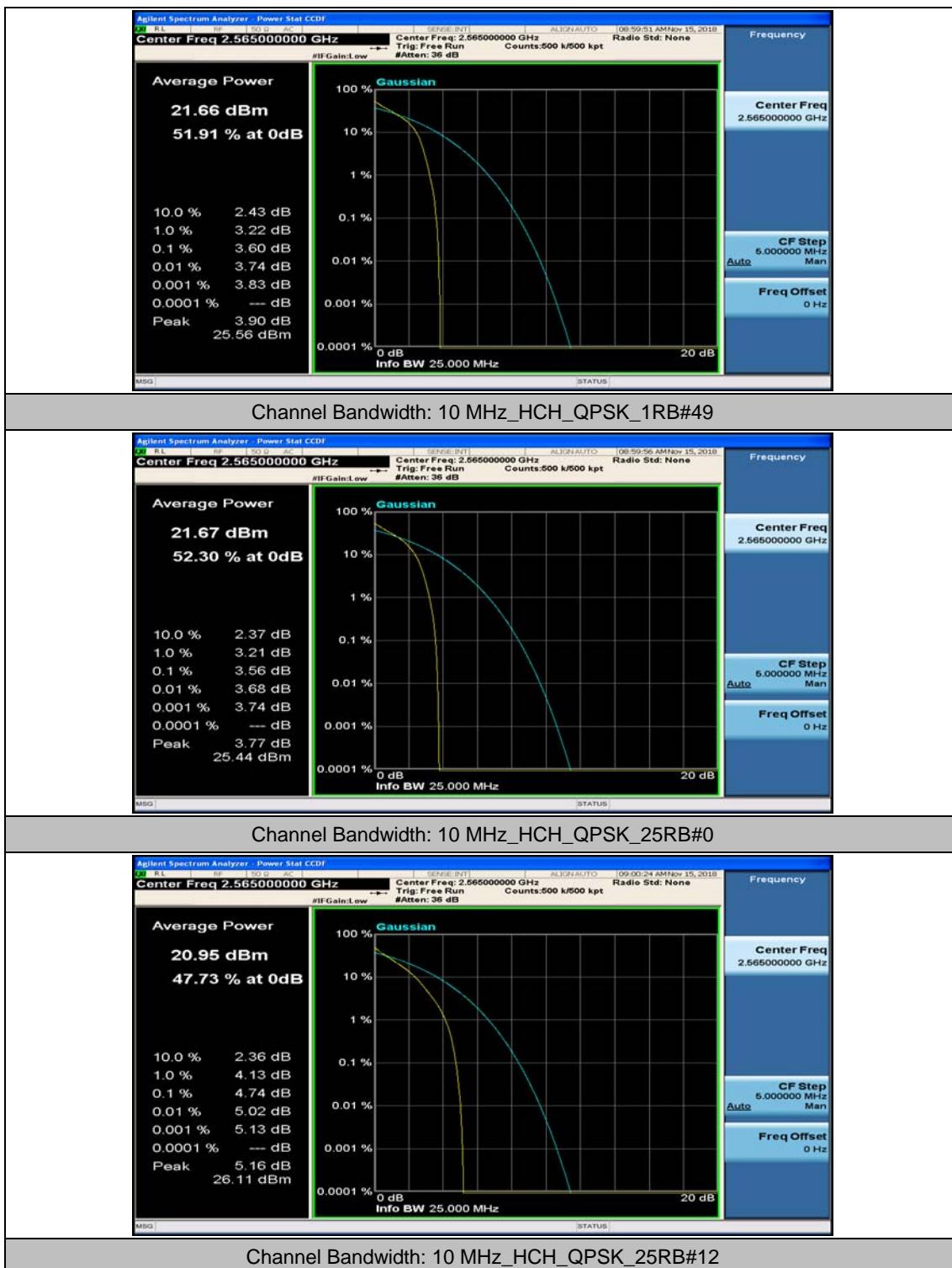


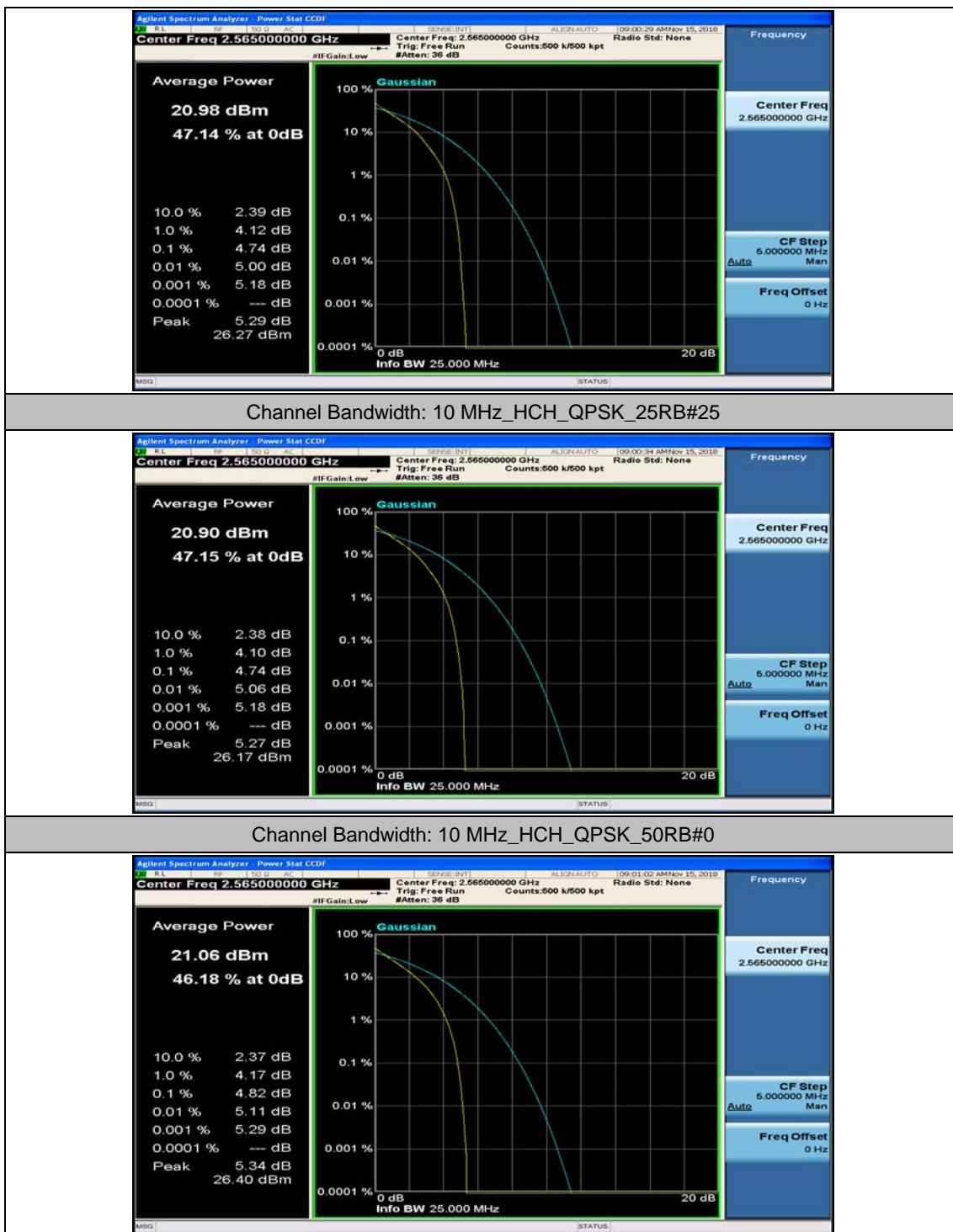


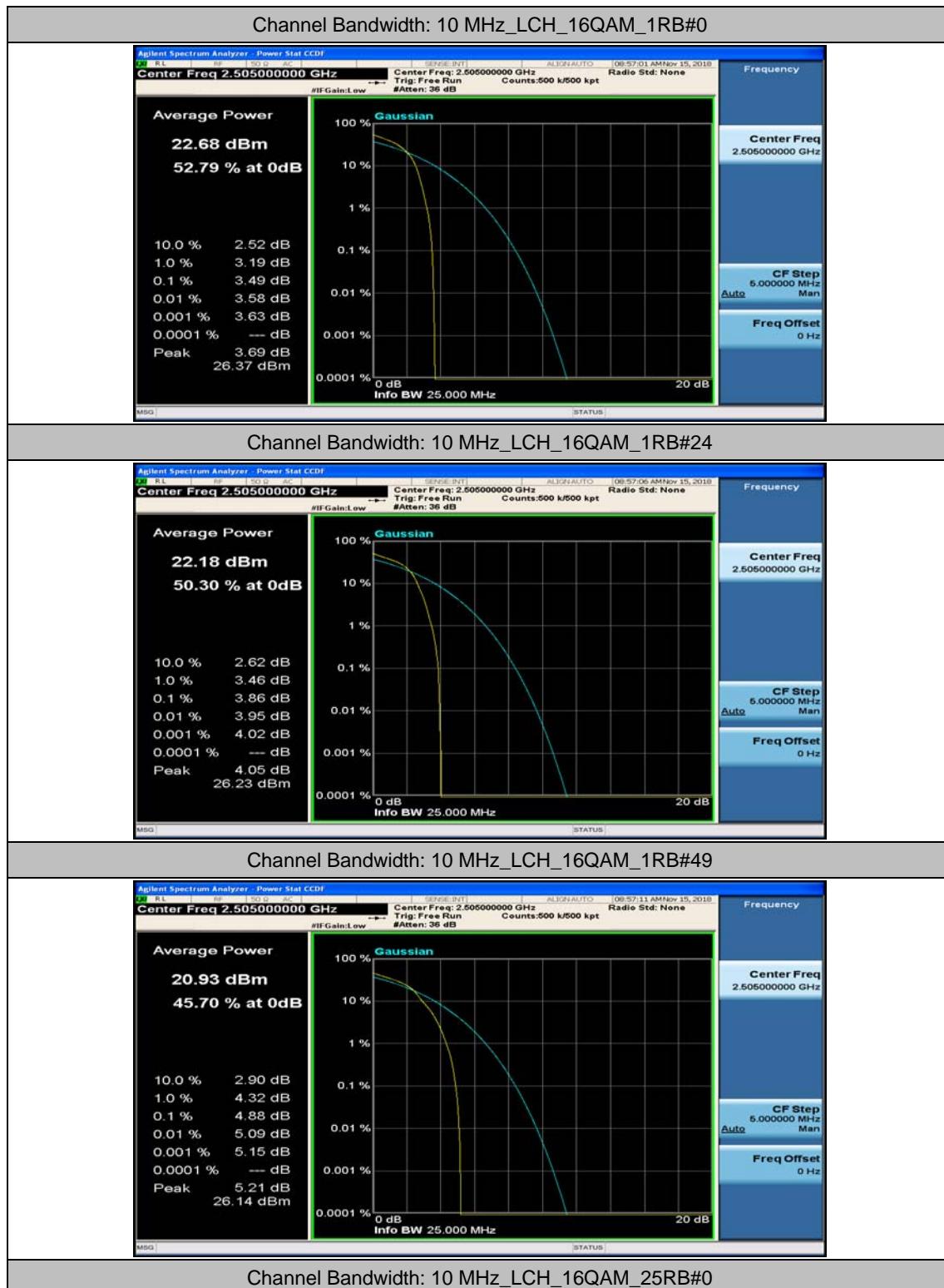
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

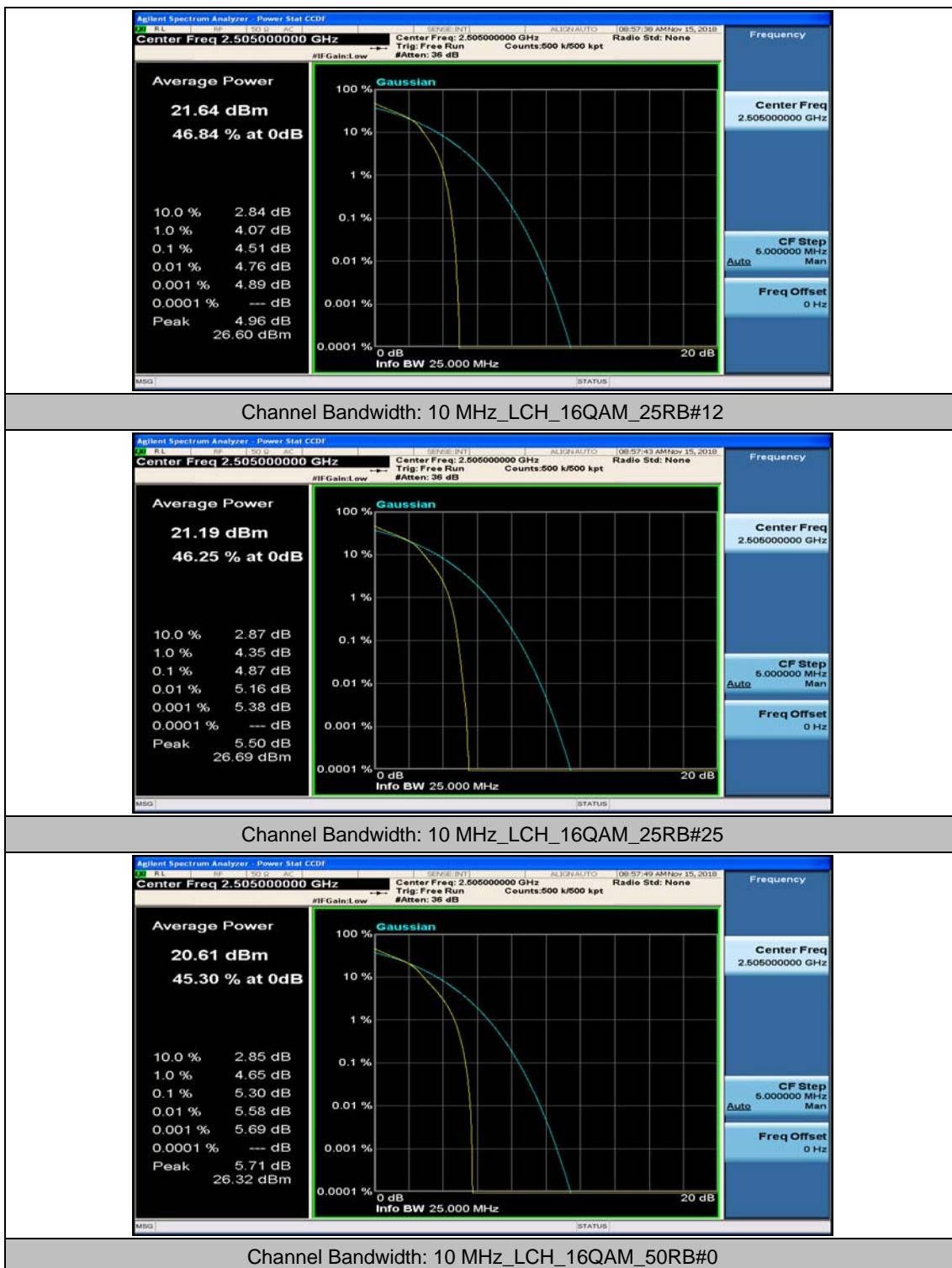


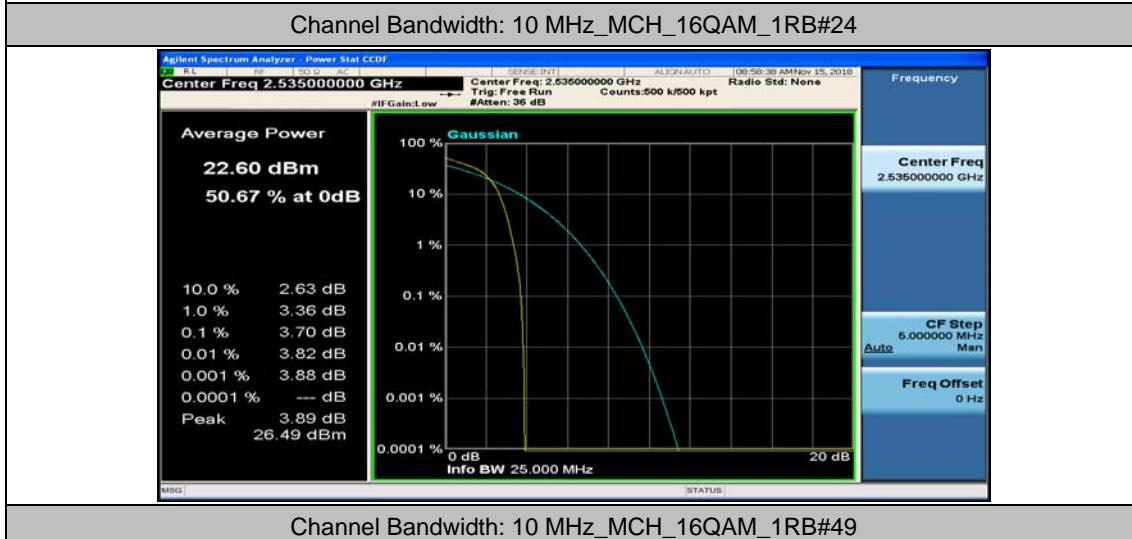
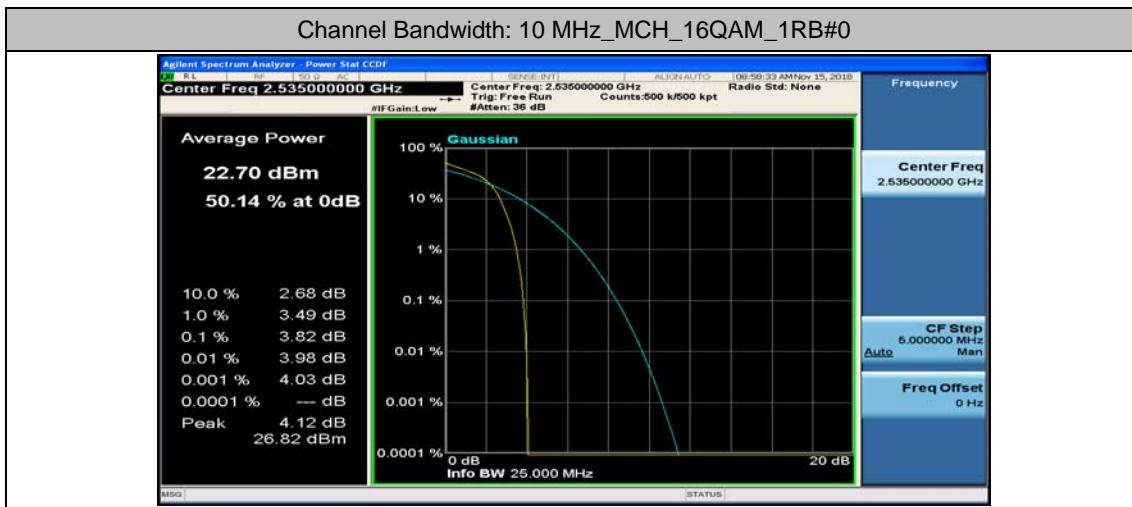
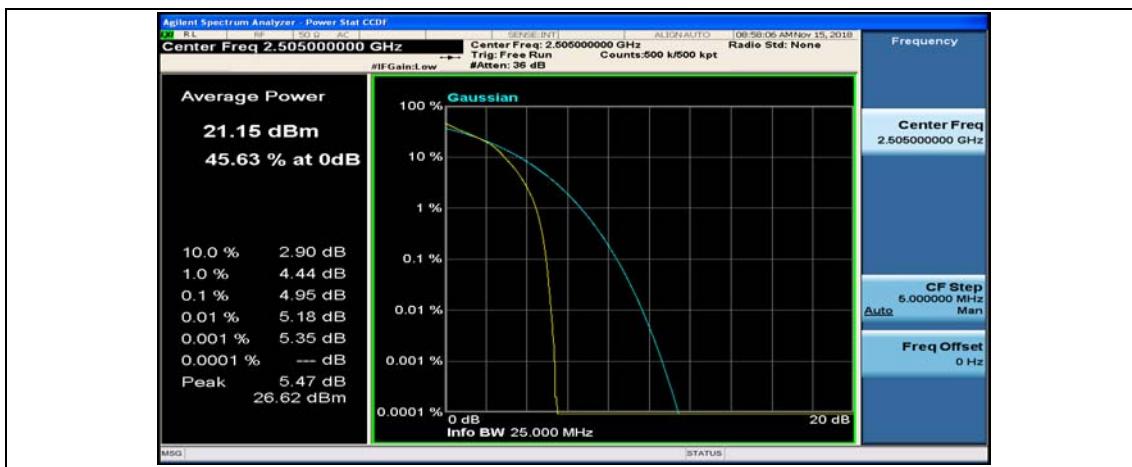




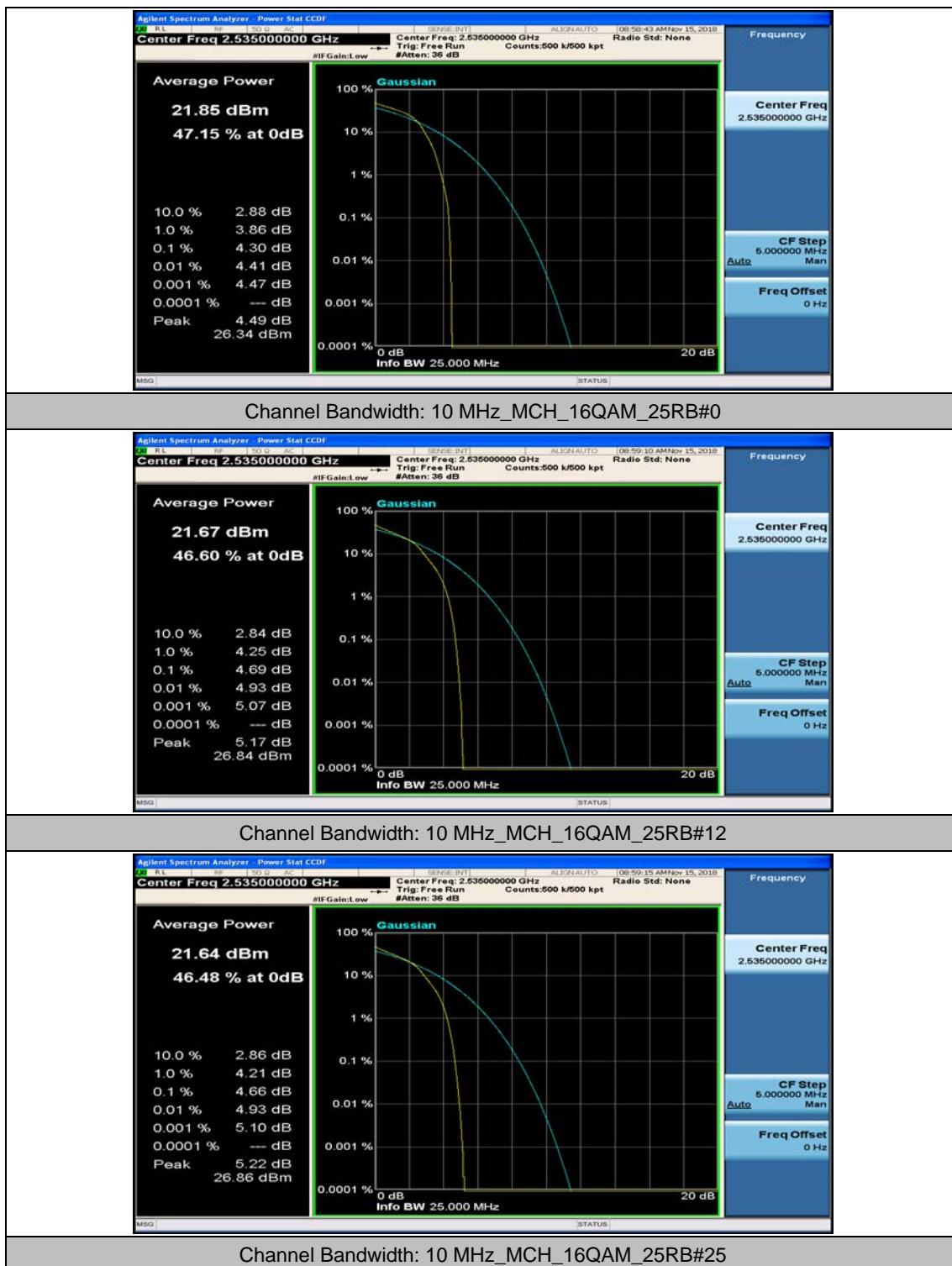


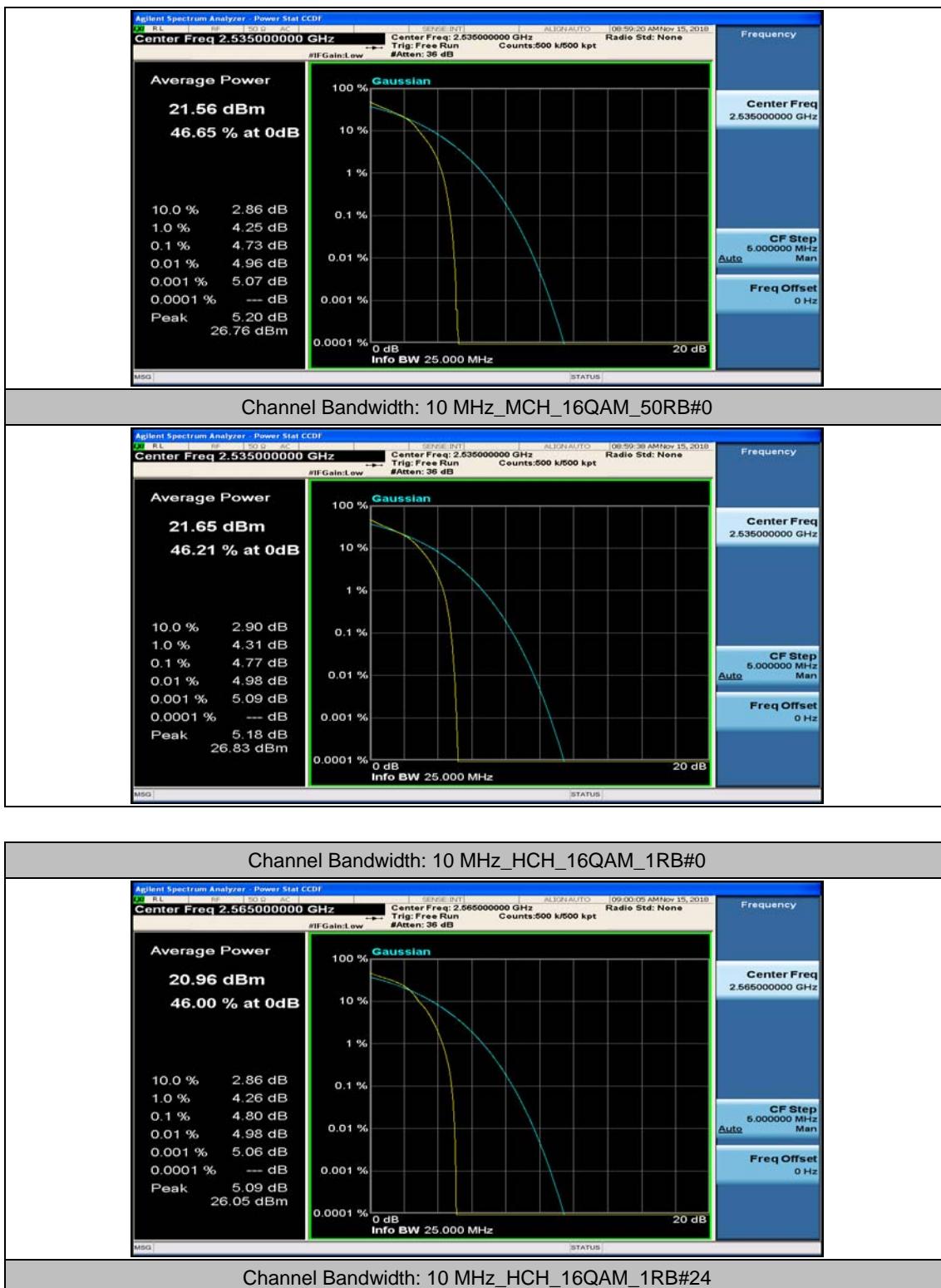


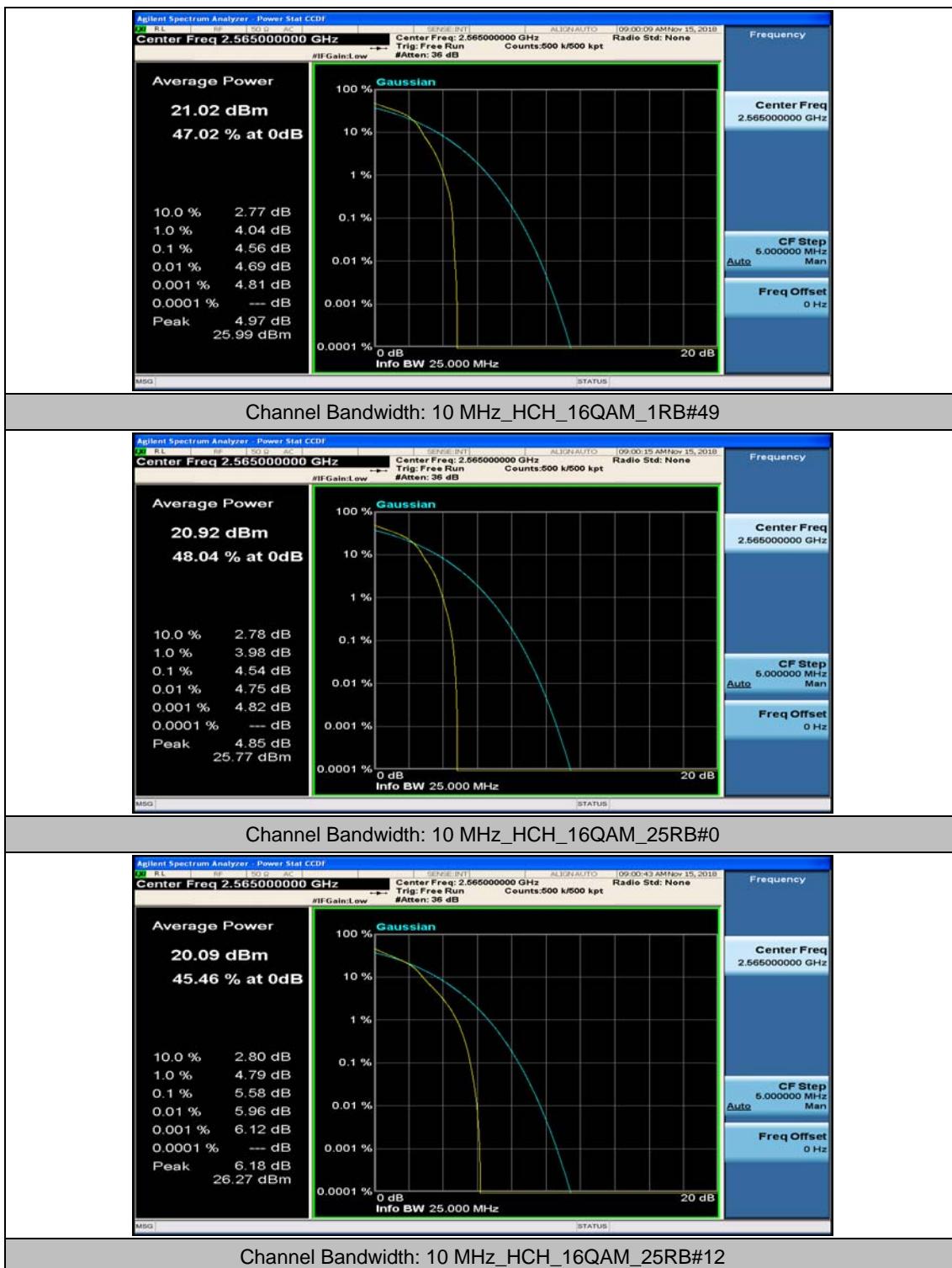


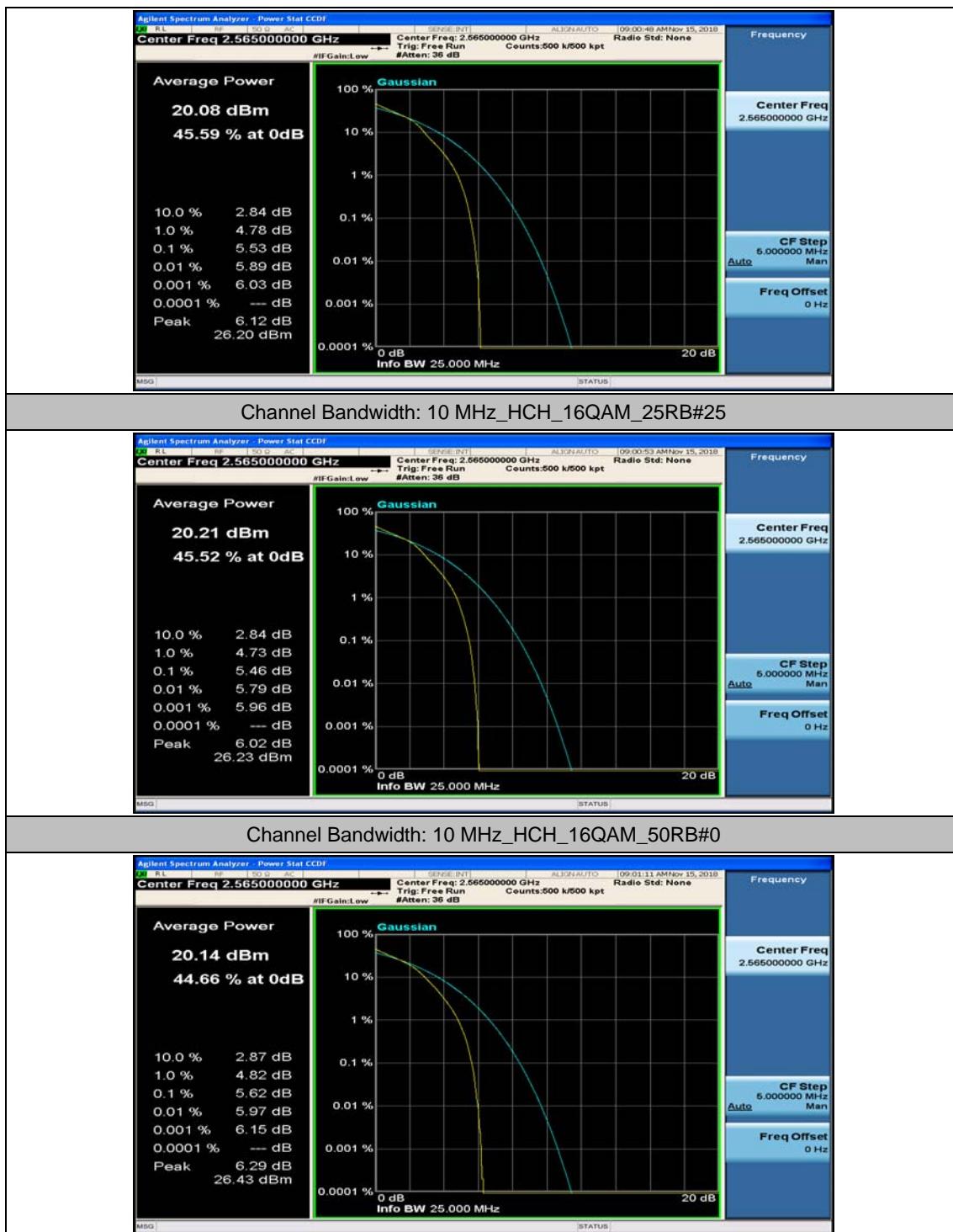


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

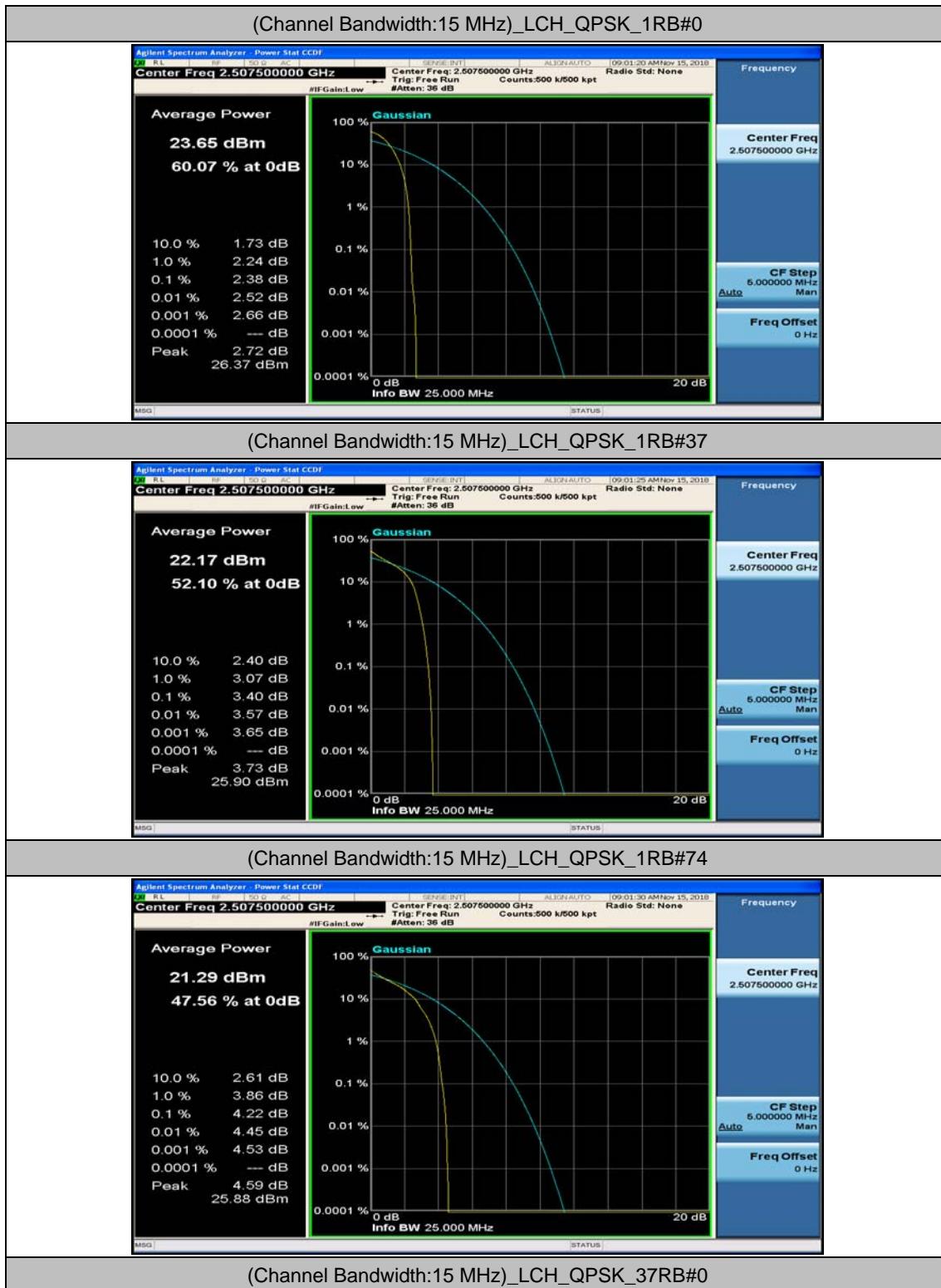


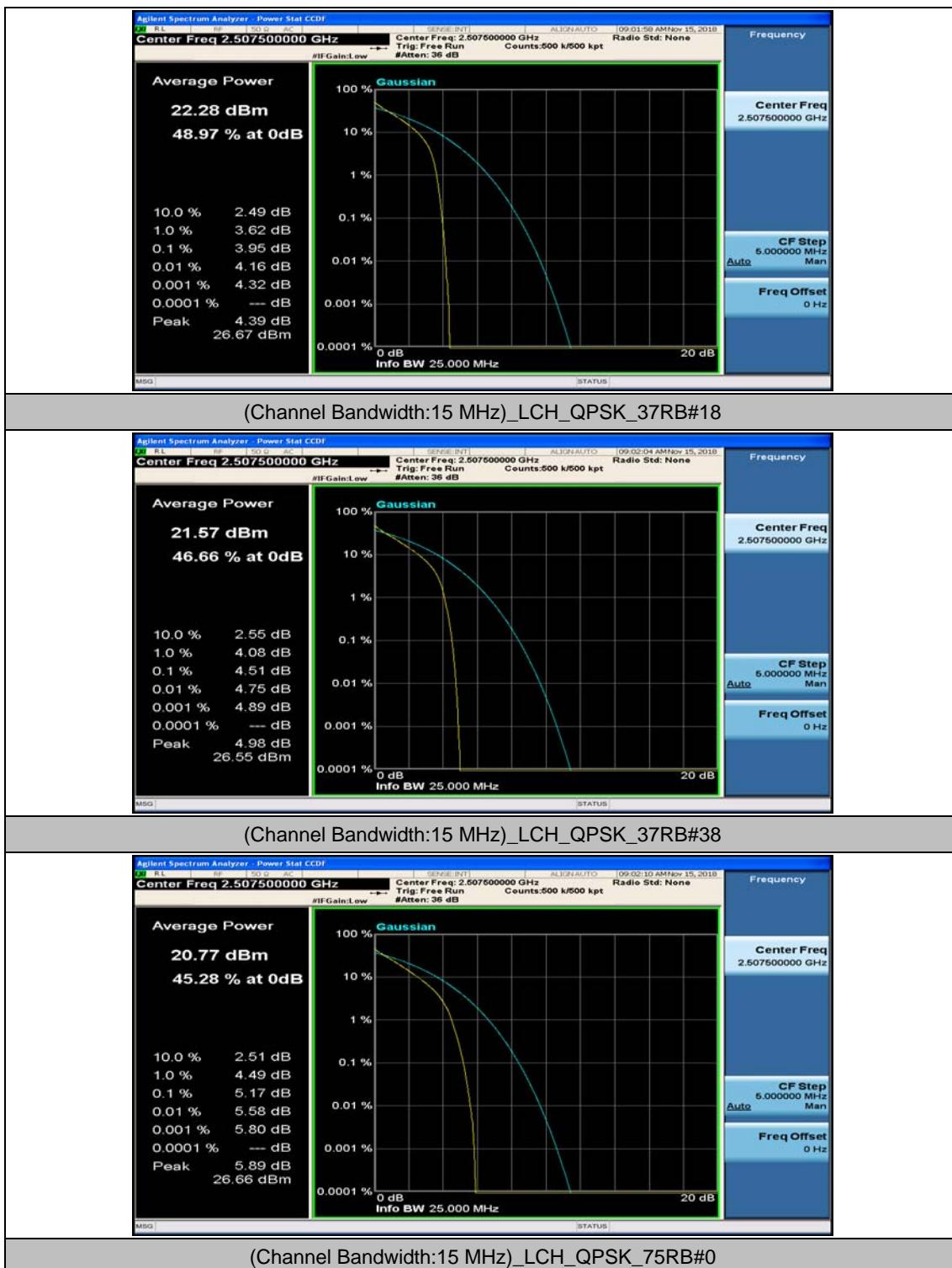


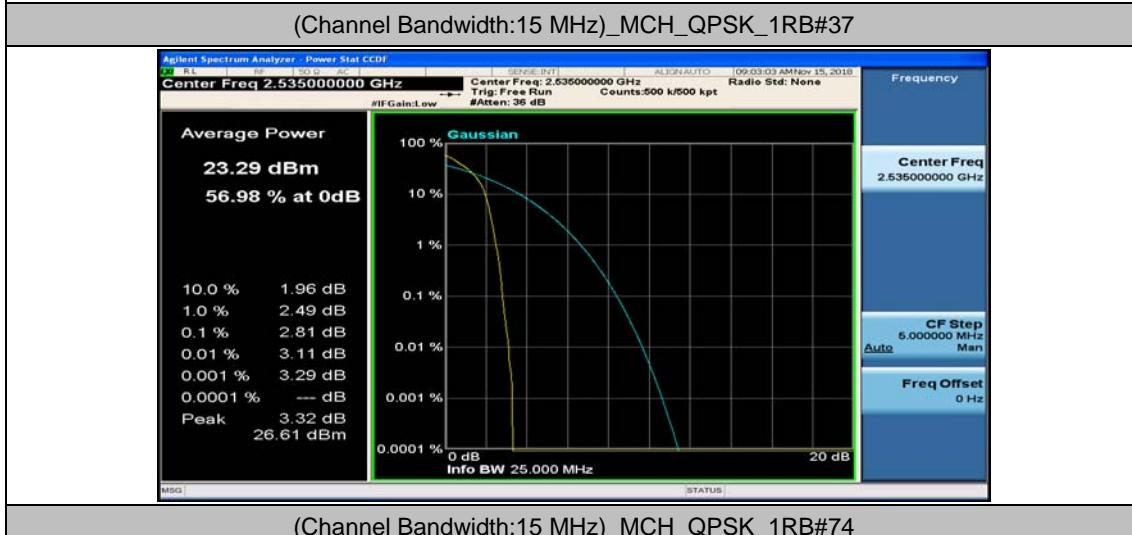
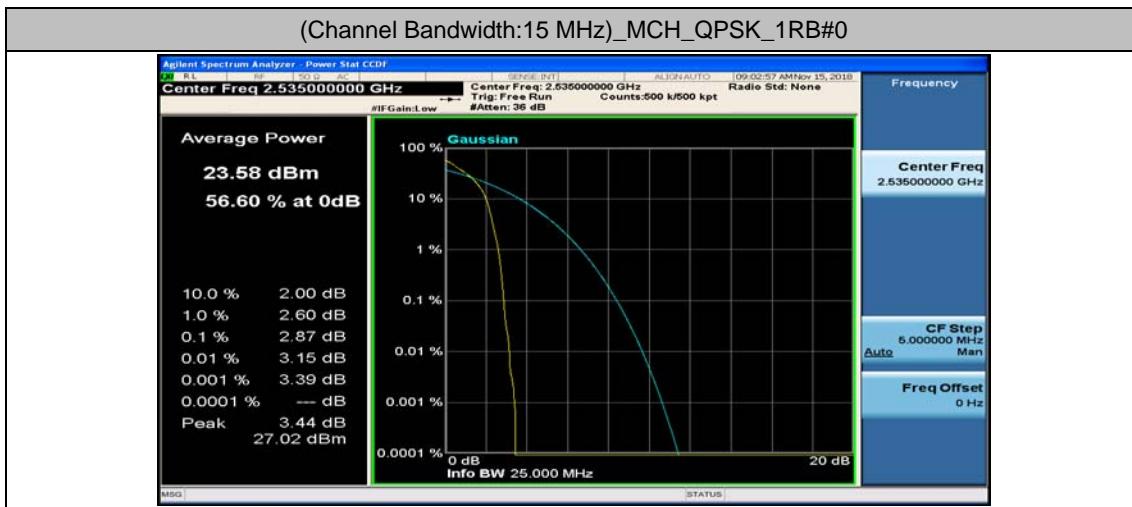
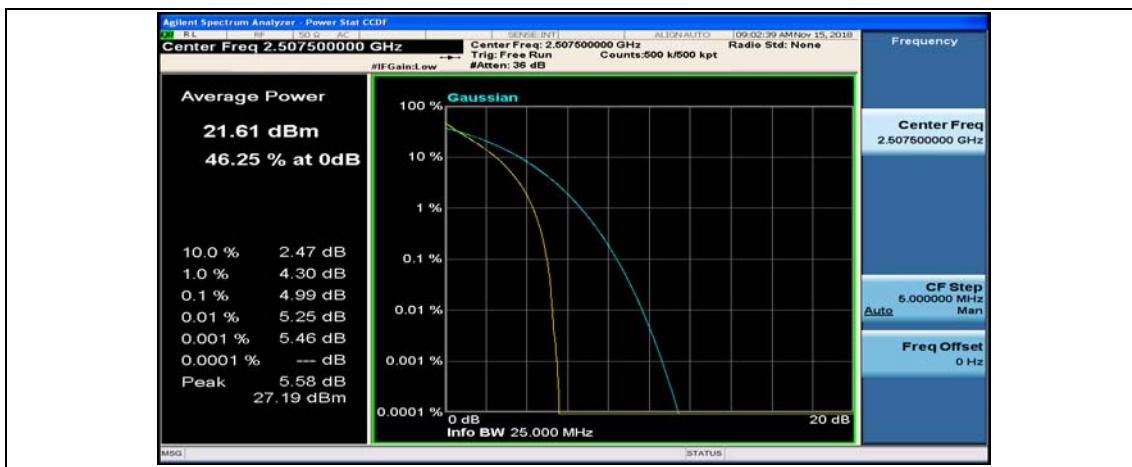




Channel Bandwidth: 15 MHz







(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74

