

## Appendix for Band 12

### Appendix A: Average Power Output Data

#### Test Result

##### Channel Bandwidth: 1.4 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.92	PASS
		1	3	23.97	PASS
		1	5	23.93	PASS
		3	0	22.92	PASS
		3	2	22.92	PASS
		3	3	22.91	PASS
		6	0	21.99	PASS
	MCH	1	0	23.8	PASS
		1	3	23.85	PASS
		1	5	23.77	PASS
		3	0	22.8	PASS
		3	2	22.73	PASS
		3	3	22.77	PASS
		6	0	21.84	PASS
16QAM	LCH	1	0	23.5	PASS
		1	3	23.54	PASS
		1	5	23.43	PASS
		3	0	22.54	PASS
		3	2	22.49	PASS
		3	3	22.48	PASS
		6	0	21.54	PASS
	MCH	1	0	23.06	PASS
		1	3	23.2	PASS
		1	5	23.1	PASS
		3	0	22.99	PASS
		3	2	22.97	PASS
		3	3	22.97	PASS
		6	0	21.91	PASS

		3	2	22.66	PASS
		3	3	22.71	PASS
		6	0	21.73	PASS
HCH	HCH	1	0	22.71	PASS
		1	3	22.83	PASS
		1	5	22.64	PASS
		3	0	22.54	PASS
		3	2	22.48	PASS
		3	3	22.5	PASS
		6	0	21.61	PASS

### Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.81	PASS
		1	7	23.97	PASS
		1	14	23.85	PASS
		8	0	22.98	PASS
		8	4	22.99	PASS
		8	7	22.99	PASS
		15	0	22.95	PASS
	MCH	1	0	23.79	PASS
		1	7	23.86	PASS
		1	14	23.71	PASS
		8	0	22.87	PASS
		8	4	22.83	PASS
		8	7	22.82	PASS
		15	0	22.77	PASS
	HCH	1	0	23.54	PASS
		1	7	23.61	PASS
		1	14	23.43	PASS
		8	0	22.61	PASS
		8	4	22.57	PASS
		8	7	22.55	PASS
		15	0	22.54	PASS
16QAM	LCH	1	0	23.05	PASS
		1	7	23.2	PASS
		1	14	23.09	PASS
		8	0	22.02	PASS
		8	4	22.04	PASS
		8	7	22.02	PASS
		15	0	21.91	PASS

	MCH	1	0	23.08	PASS
		1	7	23.1	PASS
		1	14	22.98	PASS
		8	0	21.81	PASS
		8	4	21.76	PASS
		8	7	21.76	PASS
		15	0	21.74	PASS
	HCH	1	0	22.75	PASS
		1	7	22.82	PASS
		1	14	22.62	PASS
		8	0	21.55	PASS
		8	4	21.51	PASS
		8	7	21.47	PASS
		15	0	21.53	PASS

### Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.01	PASS
		1	12	24.02	PASS
		1	24	23.94	PASS
		12	0	23.03	PASS
		12	6	23.02	PASS
		12	13	22.97	PASS
		25	0	22.96	PASS
	MCH	1	0	23.96	PASS
		1	12	23.93	PASS
		1	24	23.76	PASS
		12	0	22.9	PASS
		12	6	22.84	PASS
		12	13	22.8	PASS
		25	0	22.8	PASS
	HCH	1	0	23.78	PASS
		1	12	23.75	PASS
		1	24	23.53	PASS
		12	0	22.7	PASS
		12	6	22.67	PASS
		12	13	22.58	PASS
		25	0	22.58	PASS
16QAM	LCH	1	0	23.2	PASS
		1	12	23.31	PASS
		1	24	23.16	PASS

		12	0	22.06	PASS
		12	6	22.05	PASS
		12	13	22	PASS
		25	0	21.94	PASS
MCH	MCH	1	0	23.13	PASS
		1	12	23.08	PASS
		1	24	22.91	PASS
		12	0	21.99	PASS
		12	6	21.91	PASS
		12	13	21.88	PASS
		25	0	21.78	PASS
HCH	HCH	1	0	22.87	PASS
		1	12	22.9	PASS
		1	24	22.67	PASS
		12	0	21.67	PASS
		12	6	21.62	PASS
		12	13	21.57	PASS
		25	0	21.6	PASS

## Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.92	PASS
		1	24	23.88	PASS
		1	49	23.75	PASS
		25	0	22.97	PASS
		25	12	22.94	PASS
		25	25	22.85	PASS
		50	0	22.91	PASS
	MCH	1	0	24.08	PASS
		1	24	23.81	PASS
		1	49	23.64	PASS
		25	0	23.07	PASS
		25	12	22.79	PASS
		25	25	22.74	PASS
		50	0	22.8	PASS
	HCH	1	0	23.95	PASS
		1	24	23.69	PASS
		1	49	23.51	PASS
		25	0	22.75	PASS
		25	12	22.69	PASS
		25	25	22.62	PASS

		50	0	22.67	PASS
16QAM	LCH	1	0	23.16	PASS
		1	24	23.15	PASS
		1	49	22.93	PASS
		25	0	21.96	PASS
		25	12	21.93	PASS
		25	25	21.83	PASS
		50	0	21.91	PASS
	MCH	1	0	23.28	PASS
		1	24	23.09	PASS
		1	49	22.95	PASS
		25	0	21.89	PASS
		25	12	21.79	PASS
		25	25	21.72	PASS
		50	0	21.84	PASS
	HCH	1	0	23.02	PASS
		1	24	22.87	PASS
		1	49	22.72	PASS
		25	0	21.73	PASS
		25	12	21.67	PASS
		25	25	21.61	PASS
		50	0	21.69	PASS

## Appendix B: Peak-to-Average Ratio

### Test Result

#### Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.85	<13	PASS
		1	3	3.79	<13	PASS
		1	5	3.86	<13	PASS
		3	0	3.66	<13	PASS
		3	2	3.73	<13	PASS
		3	3	3.71	<13	PASS
		6	0	4.59	<13	PASS
	MCH	1	0	3.66	<13	PASS
		1	3	3.62	<13	PASS
		1	5	3.57	<13	PASS
		3	0	3.46	<13	PASS
		3	2	3.42	<13	PASS
		3	3	3.42	<13	PASS
		6	0	4.27	<13	PASS
16QAM	LCH	1	0	4.14	<13	PASS
		1	3	3.97	<13	PASS
		1	5	4.01	<13	PASS
		3	0	3.88	<13	PASS
		3	2	3.78	<13	PASS
		3	3	3.69	<13	PASS
		6	0	4.73	<13	PASS
	MCH	1	0	4.81	<13	PASS
		1	3	4.89	<13	PASS
		1	5	4.82	<13	PASS
		3	0	4.64	<13	PASS
		3	2	4.63	<13	PASS
		3	3	4.66	<13	PASS
		6	0	5.53	<13	PASS

		3	2	4.24	<13	PASS
		3	3	4.26	<13	PASS
		6	0	5.18	<13	PASS
HCH		1	0	5.2	<13	PASS
		1	3	4.91	<13	PASS
		1	5	4.86	<13	PASS
		3	0	4.83	<13	PASS
		3	2	4.81	<13	PASS
		3	3	4.71	<13	PASS
		6	0	5.69	<13	PASS

### Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.93	<13	PASS
		1	7	3.97	<13	PASS
		1	14	4.03	<13	PASS
		8	0	4.67	<13	PASS
		8	4	4.71	<13	PASS
		8	7	4.69	<13	PASS
		15	0	4.82	<13	PASS
	MCH	1	0	3.73	<13	PASS
		1	7	3.47	<13	PASS
		1	14	3.52	<13	PASS
		8	0	4.47	<13	PASS
		8	4	4.24	<13	PASS
		8	7	4.31	<13	PASS
		15	0	4.56	<13	PASS
	HCH	1	0	3.96	<13	PASS
		1	7	4.04	<13	PASS
		1	14	3.95	<13	PASS
		8	0	4.75	<13	PASS
		8	4	4.8	<13	PASS
		8	7	4.81	<13	PASS
		15	0	4.83	<13	PASS
16QAM	LCH	1	0	4.91	<13	PASS
		1	7	5.02	<13	PASS
		1	14	5.09	<13	PASS
		8	0	5.47	<13	PASS
		8	4	5.43	<13	PASS

		8	7	5.51	<13	PASS
		15	0	5.75	<13	PASS
MCH	MCH	1	0	4.75	<13	PASS
		1	7	4.46	<13	PASS
		1	14	4.54	<13	PASS
		8	0	5.27	<13	PASS
		8	4	5.2	<13	PASS
		8	7	5.21	<13	PASS
		15	0	5.39	<13	PASS
HCH	HCH	1	0	4.97	<13	PASS
		1	7	5.03	<13	PASS
		1	14	4.94	<13	PASS
		8	0	5.7	<13	PASS
		8	4	5.76	<13	PASS
		8	7	5.74	<13	PASS
		15	0	5.7	<13	PASS

## 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	4.04	<13	PASS
		1	12	4.15	<13	PASS
		1	24	4.11	<13	PASS
		12	0	4.77	<13	PASS
		12	6	4.78	<13	PASS
		12	13	4.83	<13	PASS
		25	0	4.9	<13	PASS
	MCH	1	0	4.03	<13	PASS
		1	12	3.58	<13	PASS
		1	24	3.54	<13	PASS
		12	0	4.55	<13	PASS
		12	6	4.4	<13	PASS
		12	13	4.34	<13	PASS
		25	0	4.6	<13	PASS
	HCH	1	0	3.56	<13	PASS
		1	12	3.79	<13	PASS
		1	24	3.95	<13	PASS
		12	0	4.58	<13	PASS
		12	6	4.71	<13	PASS
		12	13	4.83	<13	PASS

		25	0	4.9	<13	PASS
16QAM	LCH	1	0	4.76	<13	PASS
		1	12	4.93	<13	PASS
		1	24	5.16	<13	PASS
		12	0	5.66	<13	PASS
		12	6	5.7	<13	PASS
		12	13	5.74	<13	PASS
		25	0	5.72	<13	PASS
	MCH	1	0	5.03	<13	PASS
		1	12	4.61	<13	PASS
		1	24	4.63	<13	PASS
		12	0	5.43	<13	PASS
		12	6	5.28	<13	PASS
		12	13	5.2	<13	PASS
		25	0	5.48	<13	PASS
	HCH	1	0	4.39	<13	PASS
		1	12	4.81	<13	PASS
		1	24	4.83	<13	PASS
		12	0	5.41	<13	PASS
		12	6	5.55	<13	PASS
		12	13	5.71	<13	PASS
		25	0	5.7	<13	PASS

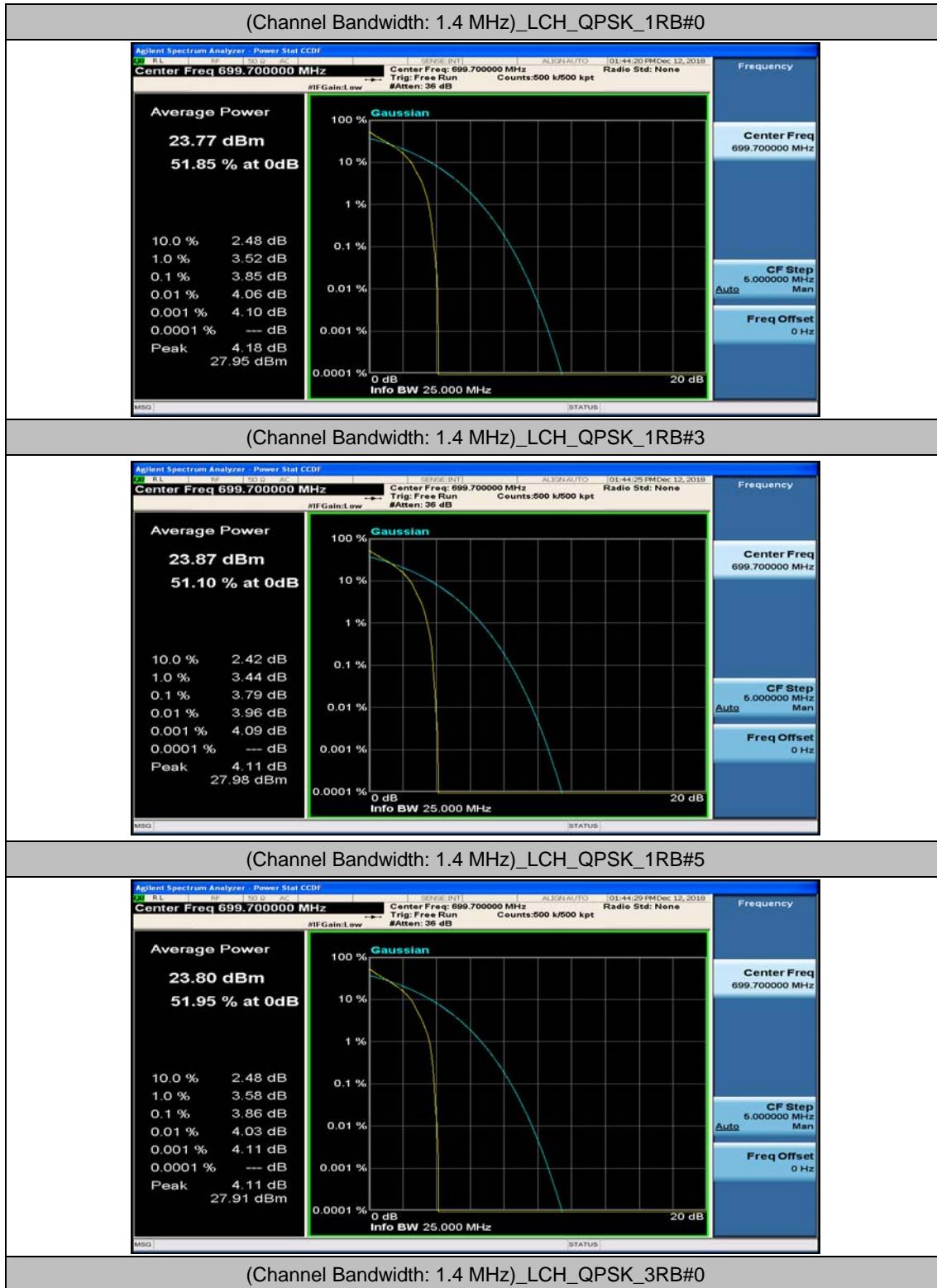
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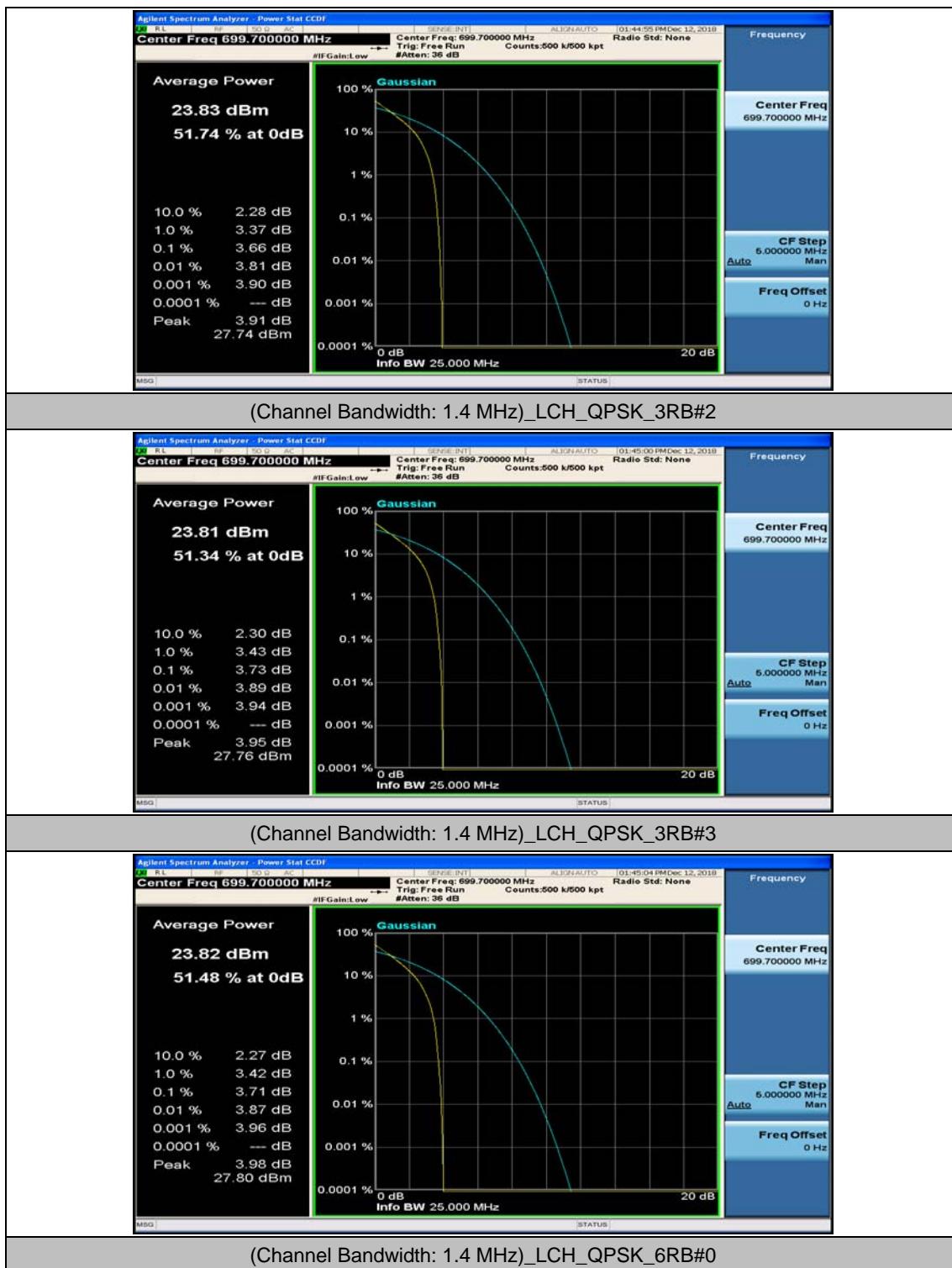
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.96	<13	PASS
		1	24	4.14	<13	PASS
		1	49	3.51	<13	PASS
		25	0	4.91	<13	PASS
		25	12	4.87	<13	PASS
		25	25	4.68	<13	PASS
		50	0	4.85	<13	PASS
	MCH	1	0	3.8	<13	PASS
		1	24	3.47	<13	PASS
		1	49	3.5	<13	PASS
		25	0	4.75	<13	PASS
		25	12	4.63	<13	PASS
		25	25	4.46	<13	PASS
		50	0	4.82	<13	PASS

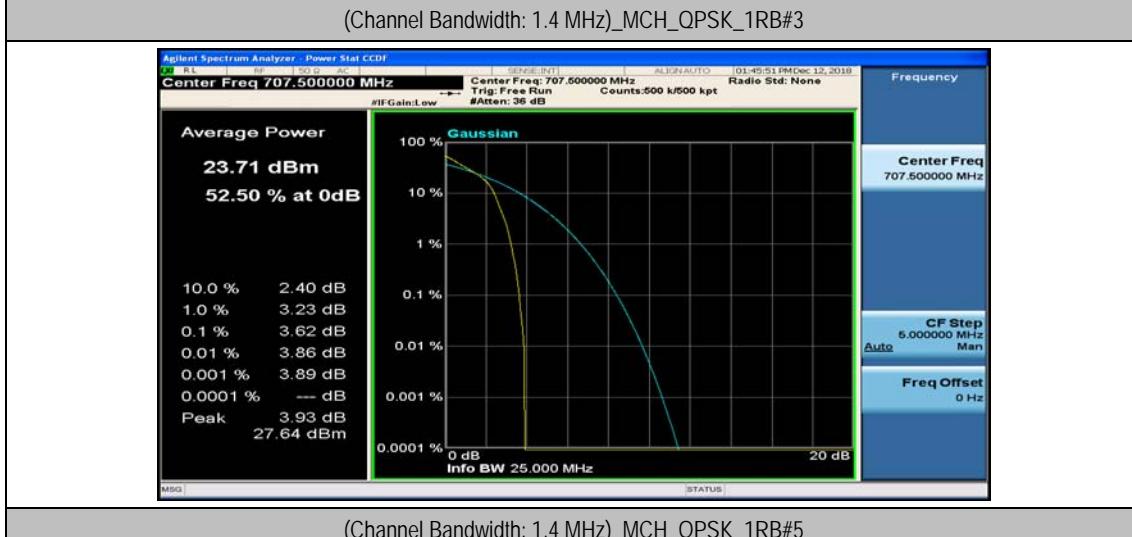
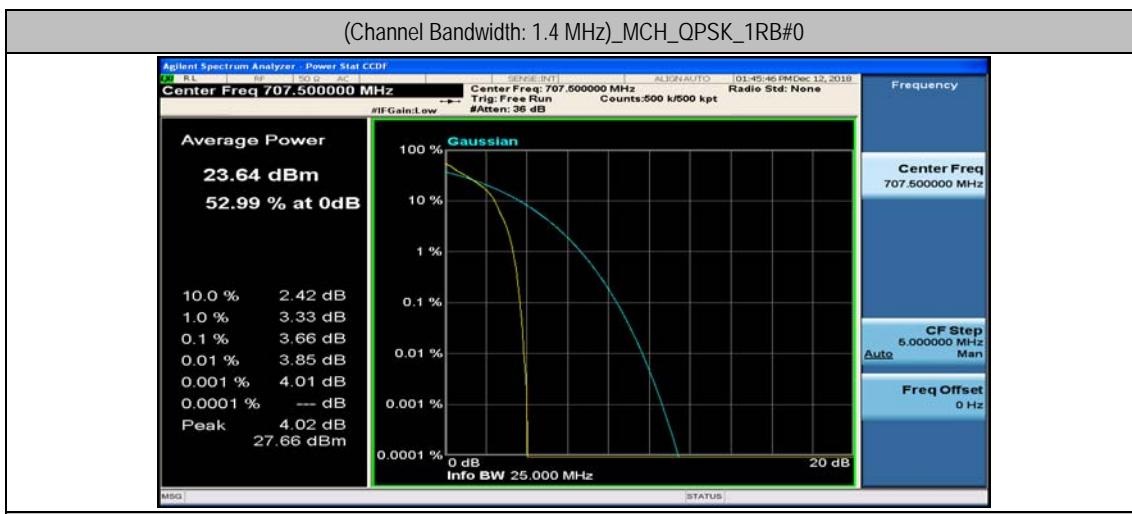
		1	0	3.69	<13	PASS
		1	24	3.57	<13	PASS
		1	49	3.89	<13	PASS
	HCH	25	0	4.4	<13	PASS
		25	12	4.49	<13	PASS
		25	25	4.79	<13	PASS
		50	0	4.88	<13	PASS
16QAM	LCH	1	0	4.9	<13	PASS
		1	24	4.93	<13	PASS
		1	49	4.51	<13	PASS
		25	0	5.71	<13	PASS
		25	12	5.74	<13	PASS
		25	25	5.59	<13	PASS
		50	0	5.72	<13	PASS
	MCH	1	0	4.81	<13	PASS
		1	24	4.51	<13	PASS
		1	49	4.6	<13	PASS
		25	0	5.71	<13	PASS
		25	12	5.49	<13	PASS
		25	25	5.34	<13	PASS
		50	0	5.67	<13	PASS
	HCH	1	0	4.69	<13	PASS
		1	24	4.41	<13	PASS
		1	49	5.03	<13	PASS
		25	0	5.33	<13	PASS
		25	12	5.39	<13	PASS
		25	25	5.72	<13	PASS
		50	0	5.68	<13	PASS

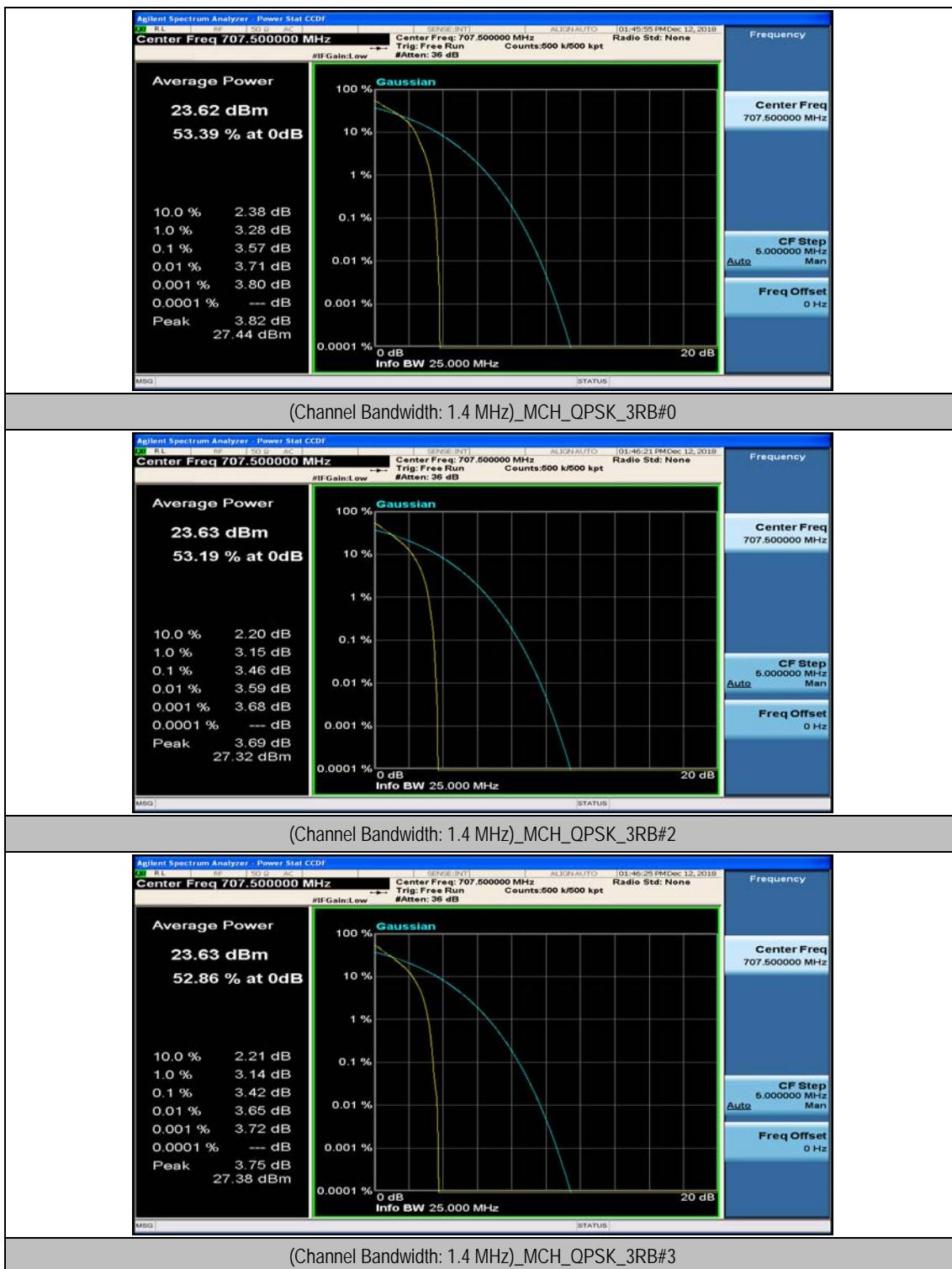
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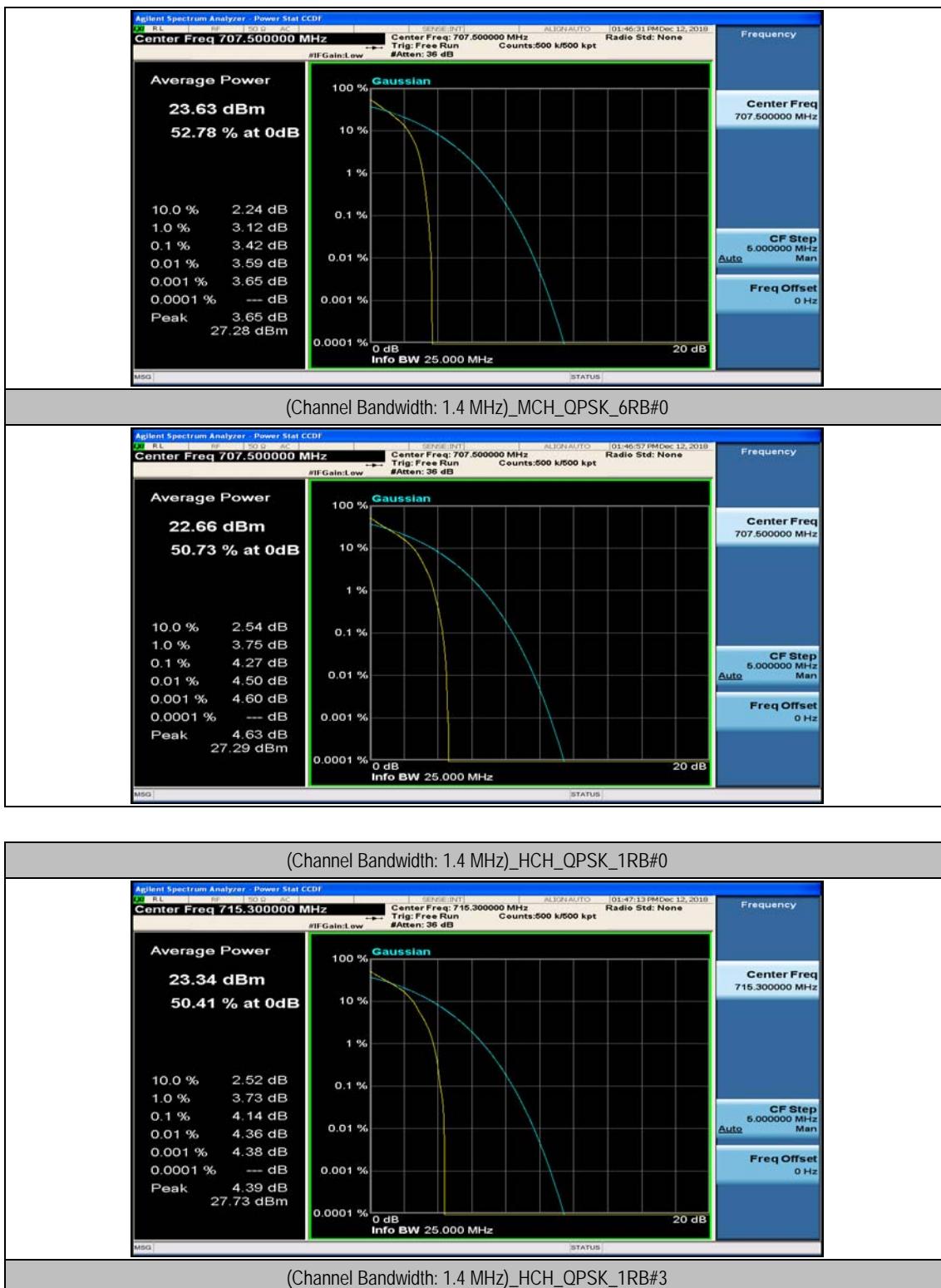
### Channel Bandwidth: 1.4 MHz

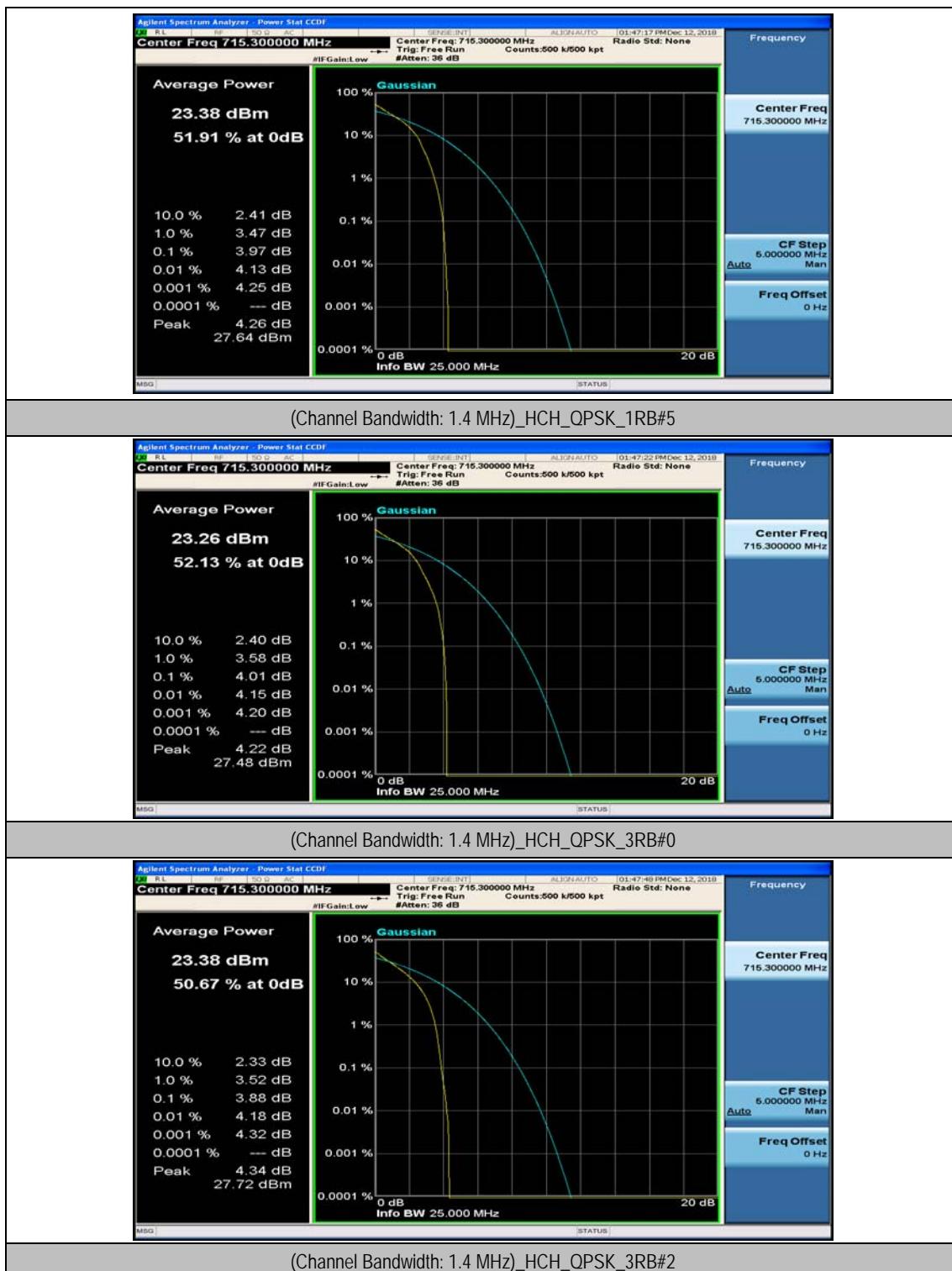


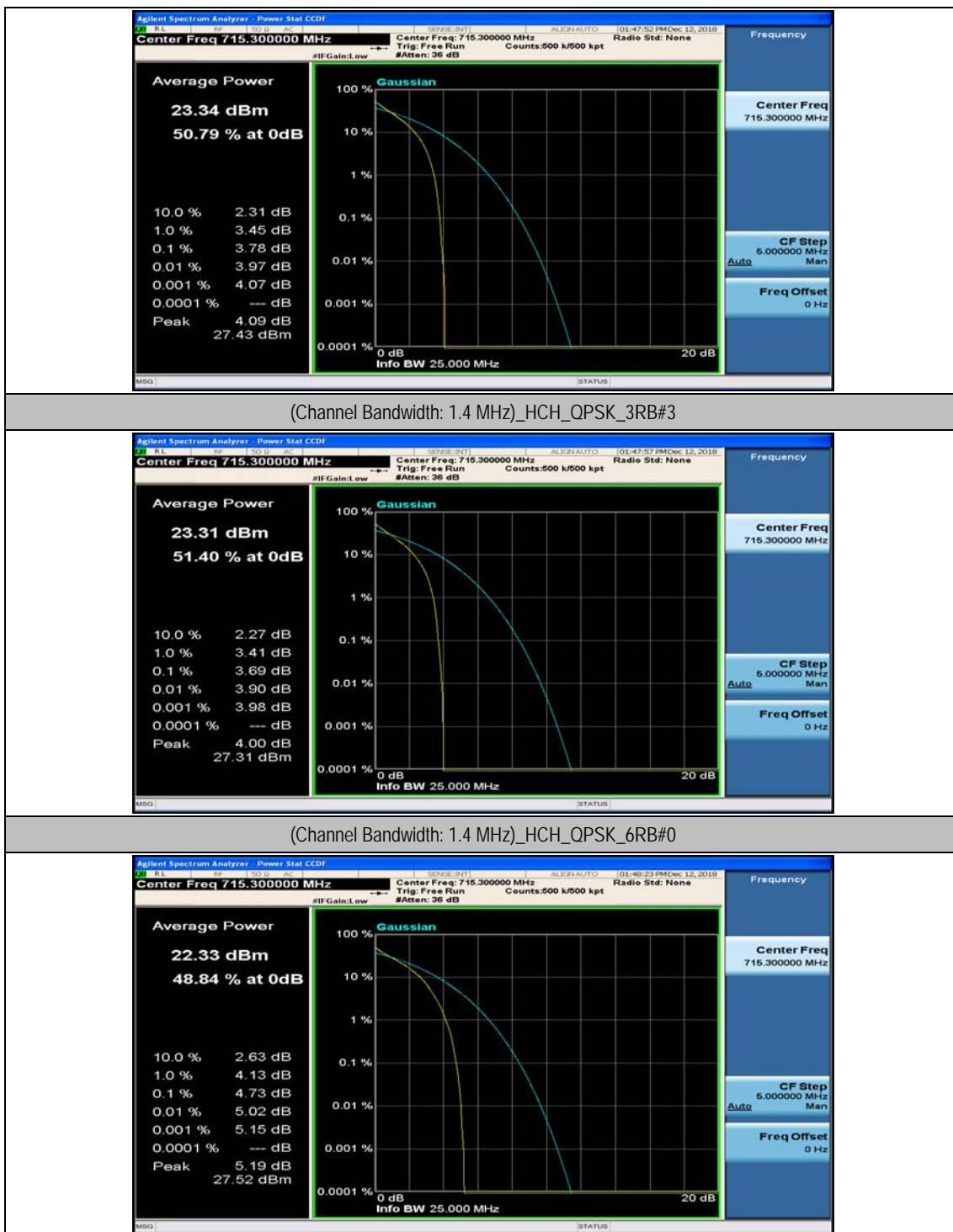


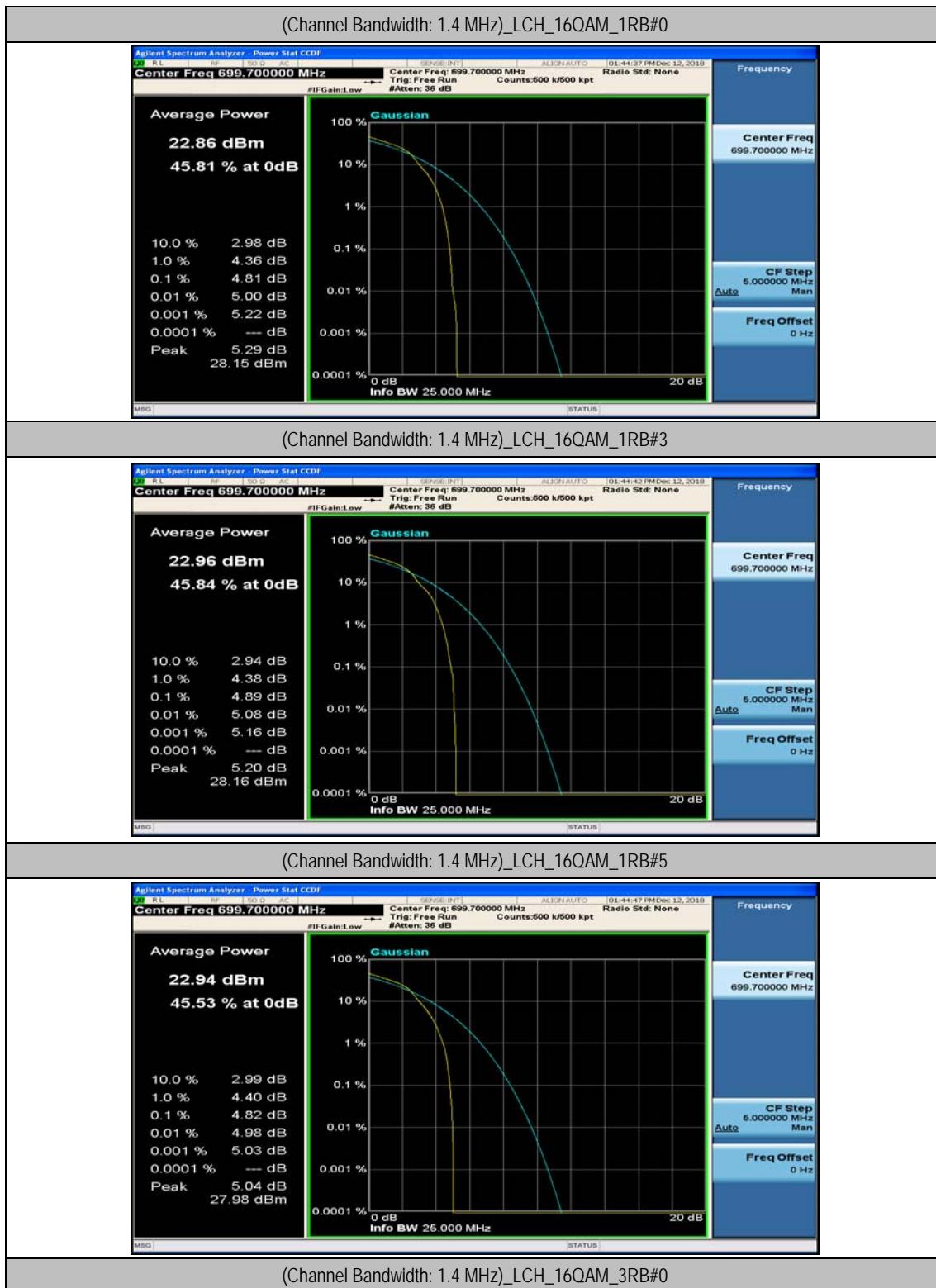


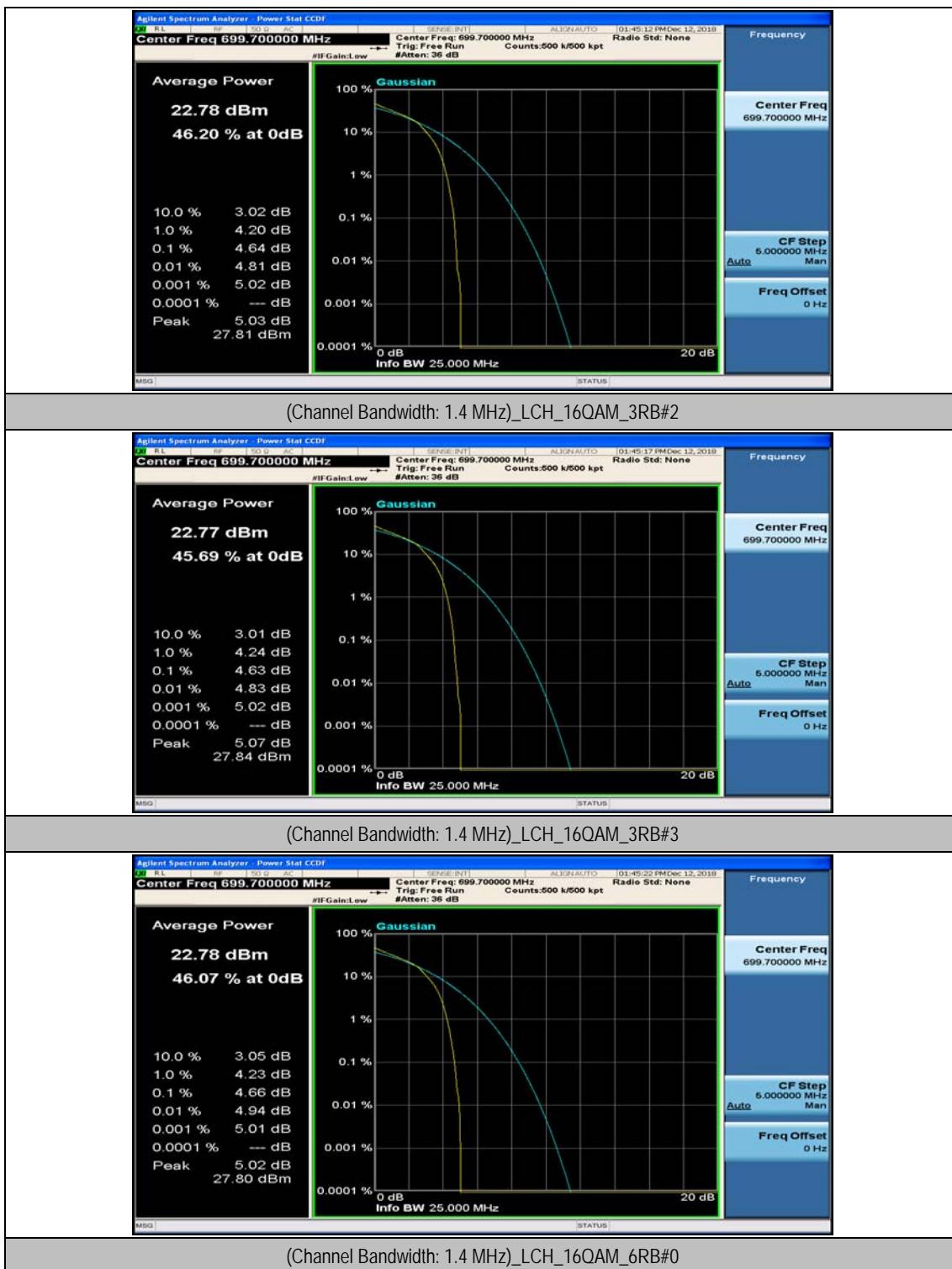


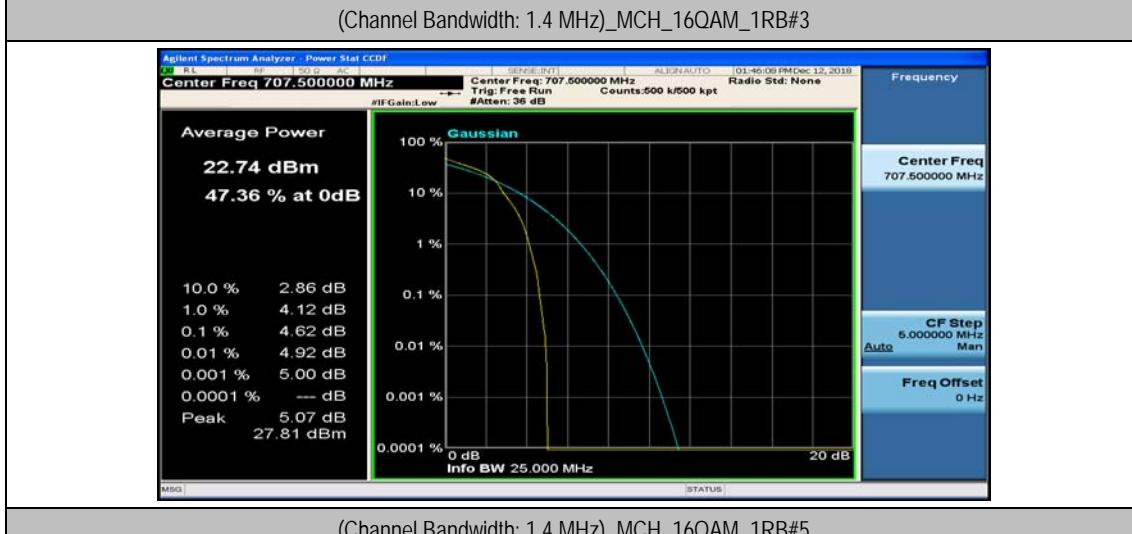
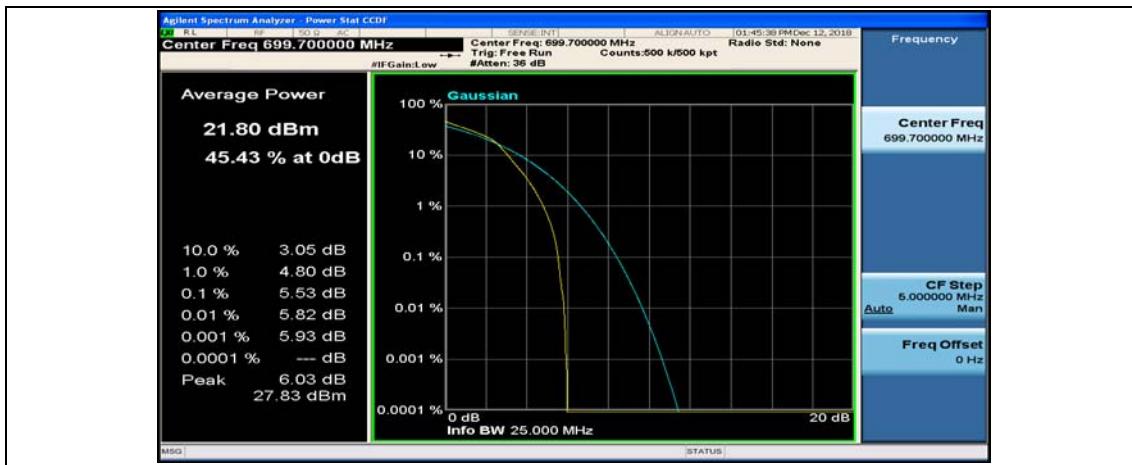


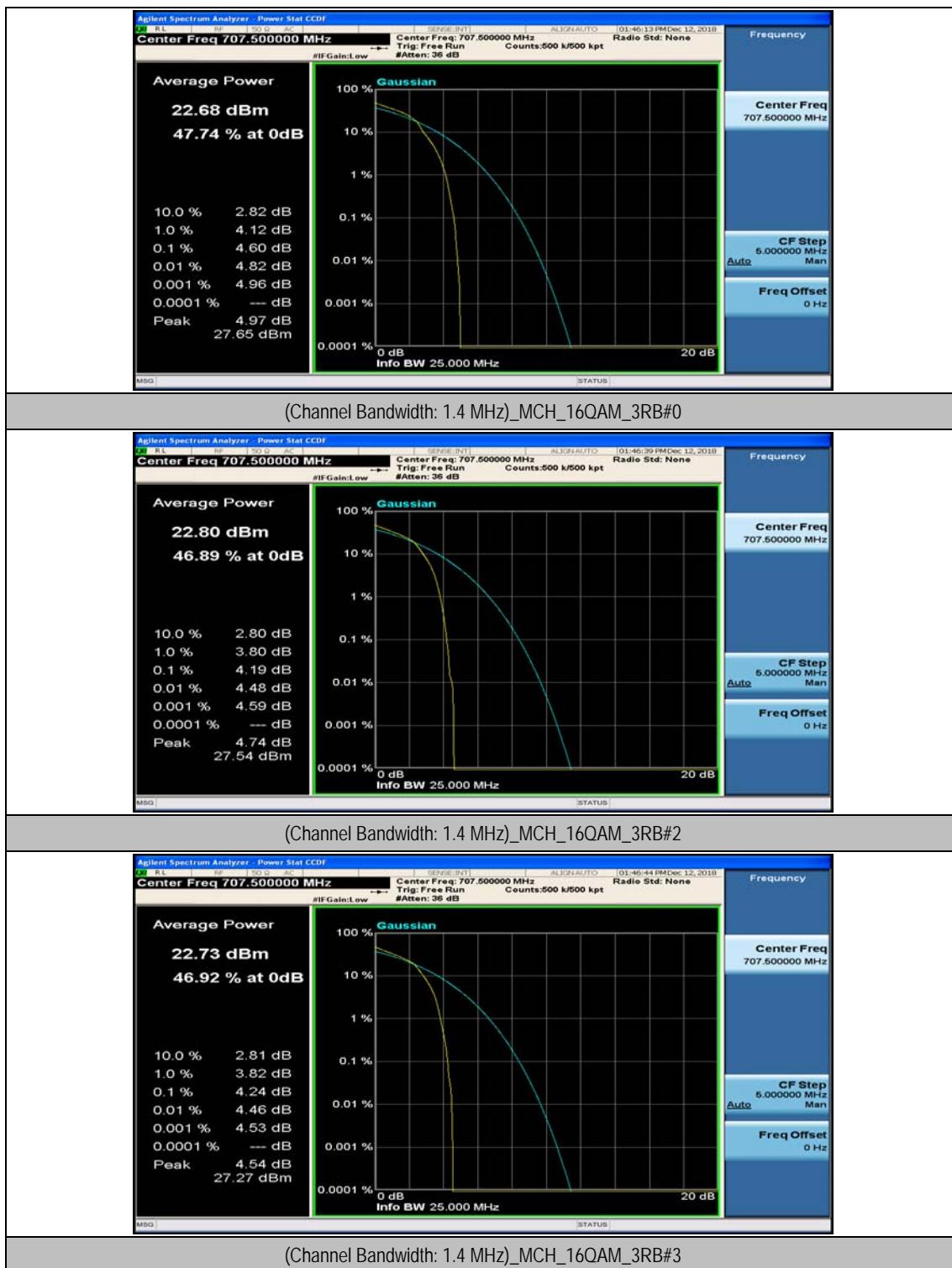


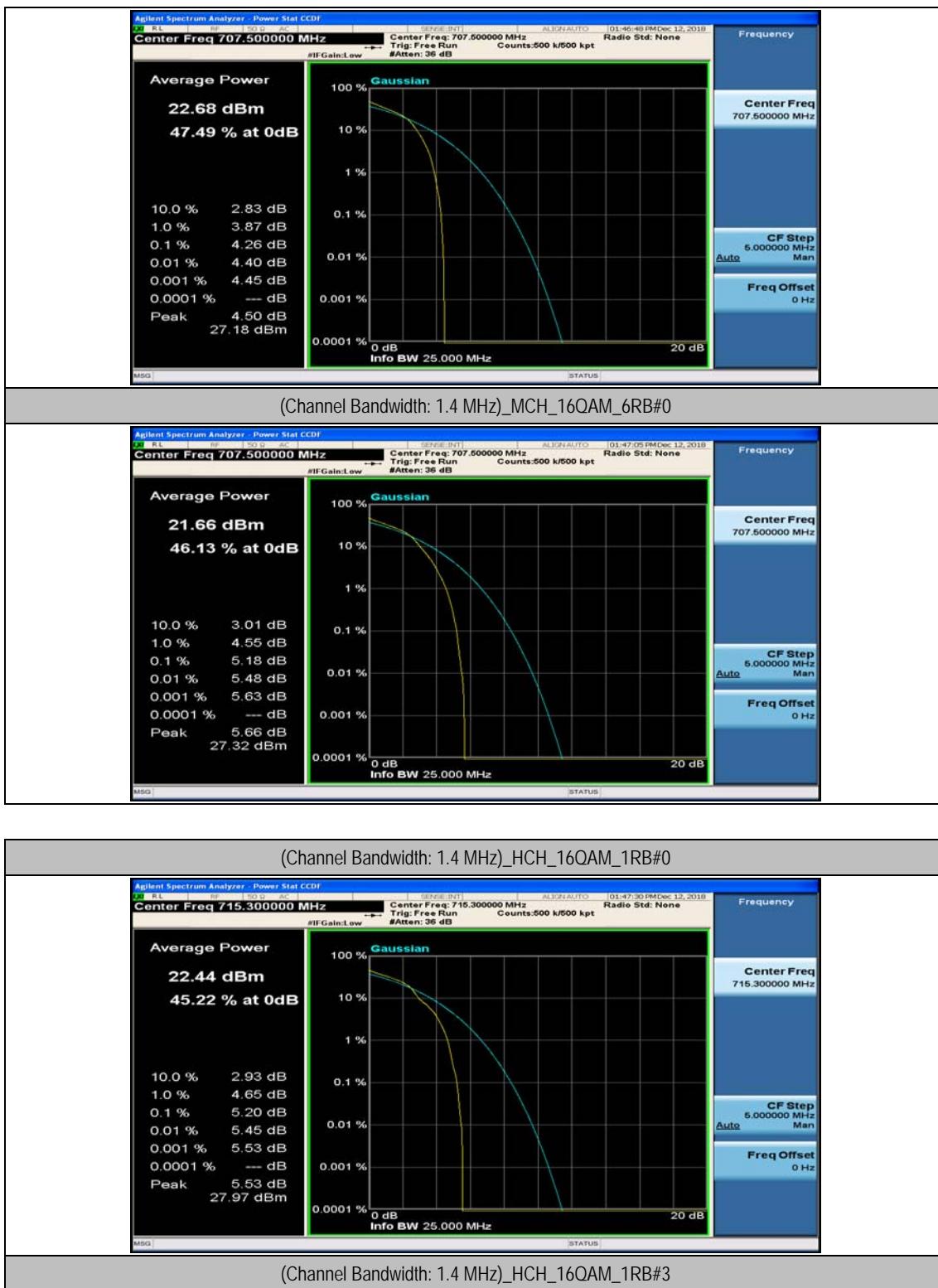


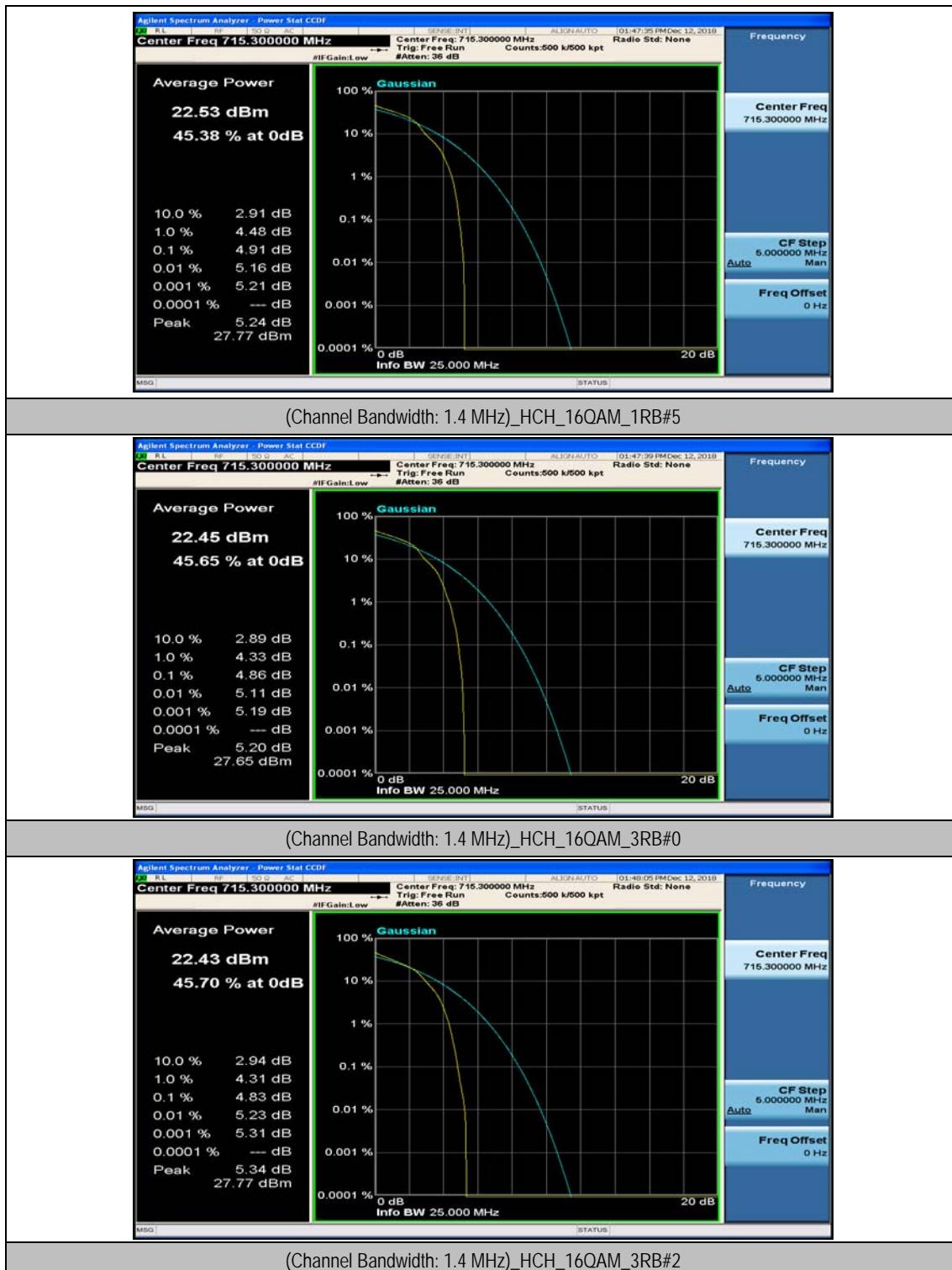


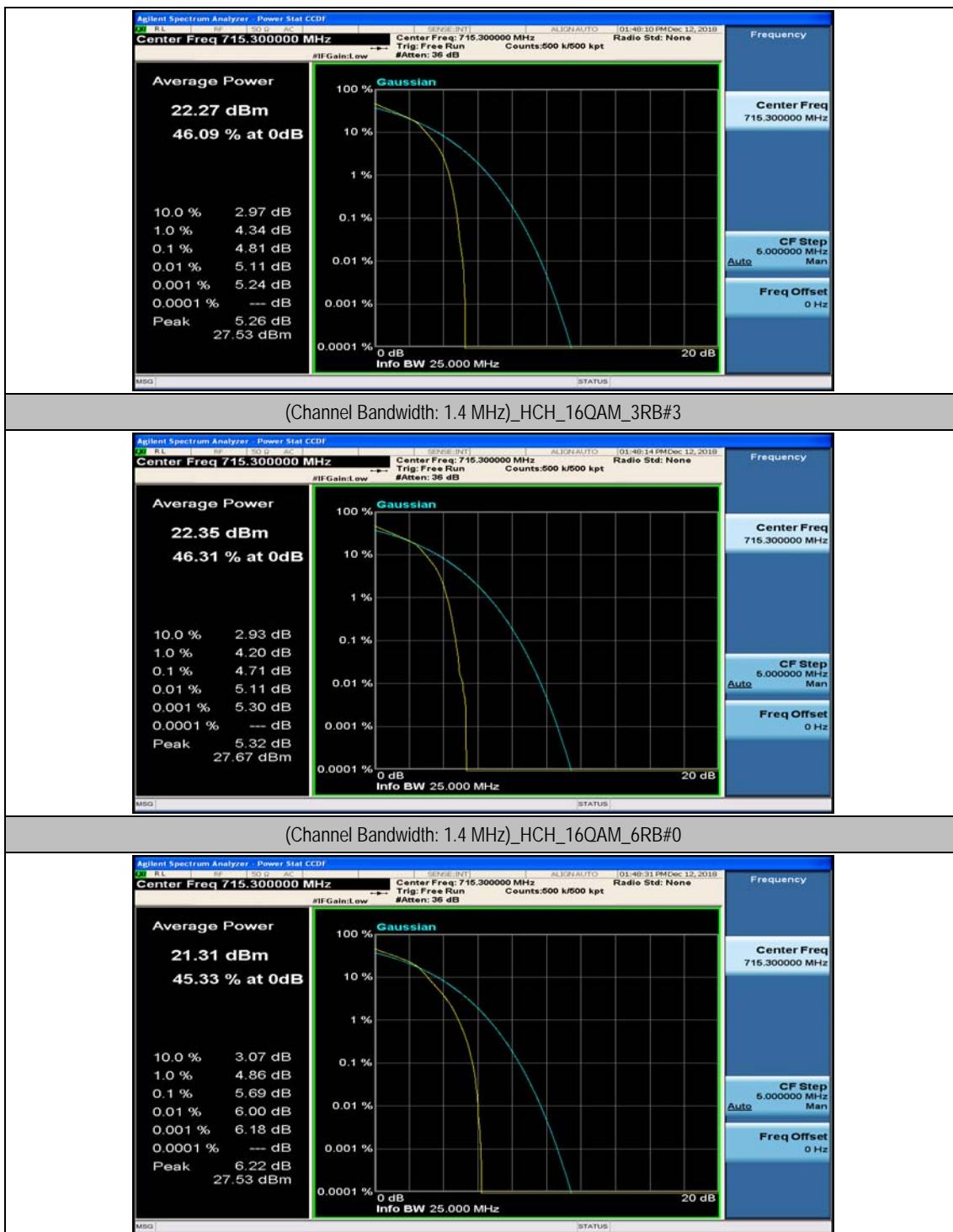




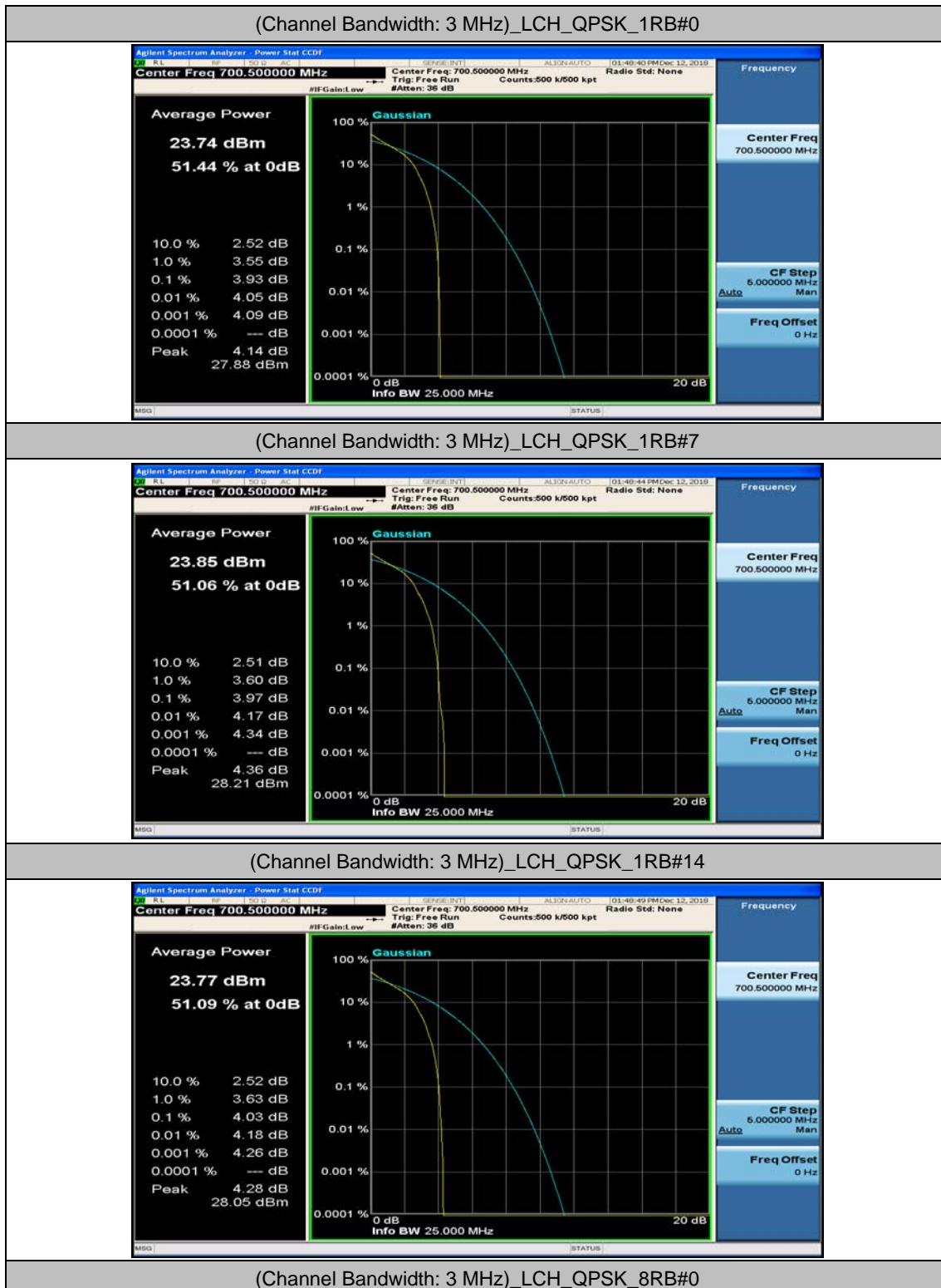


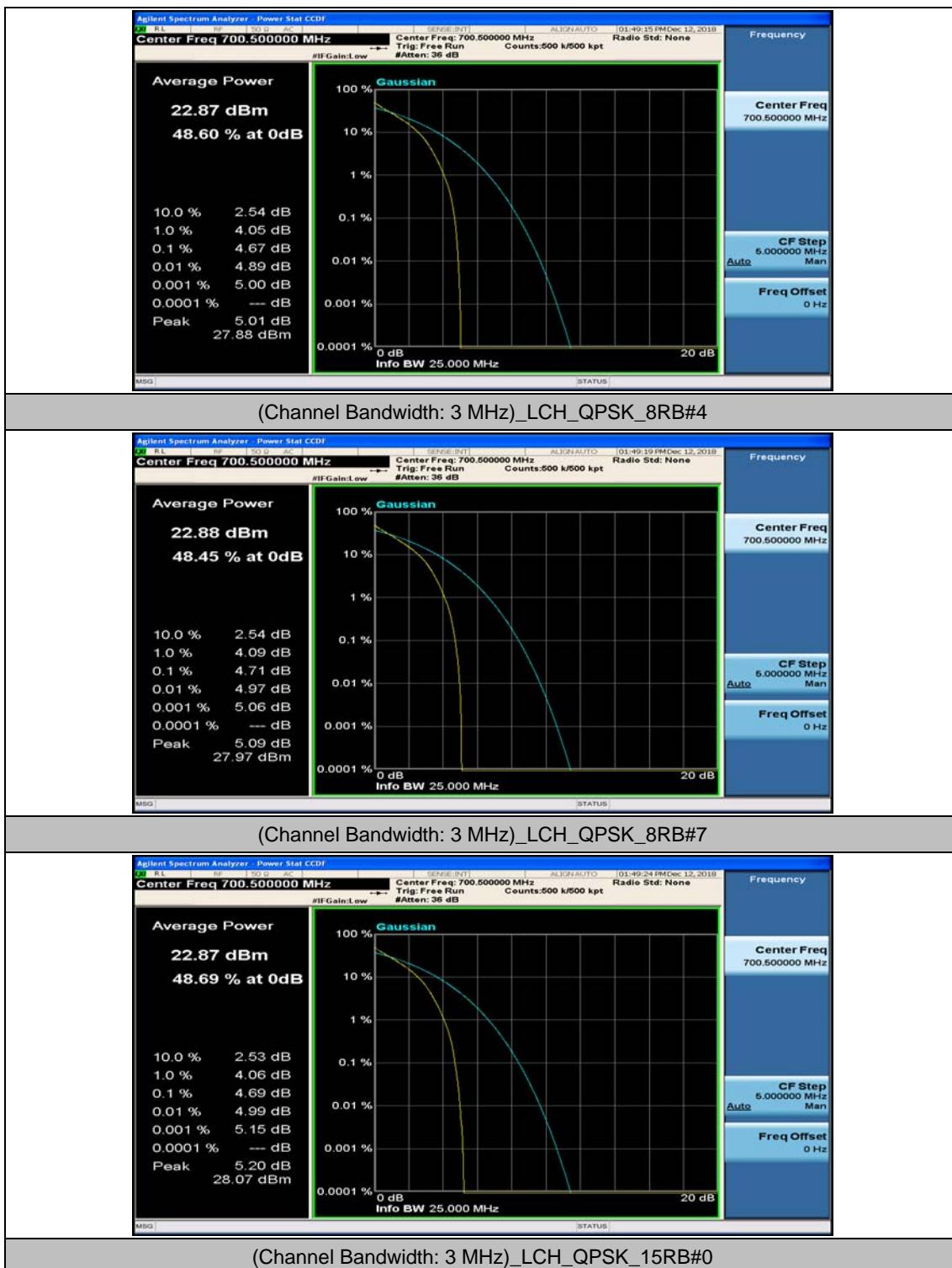


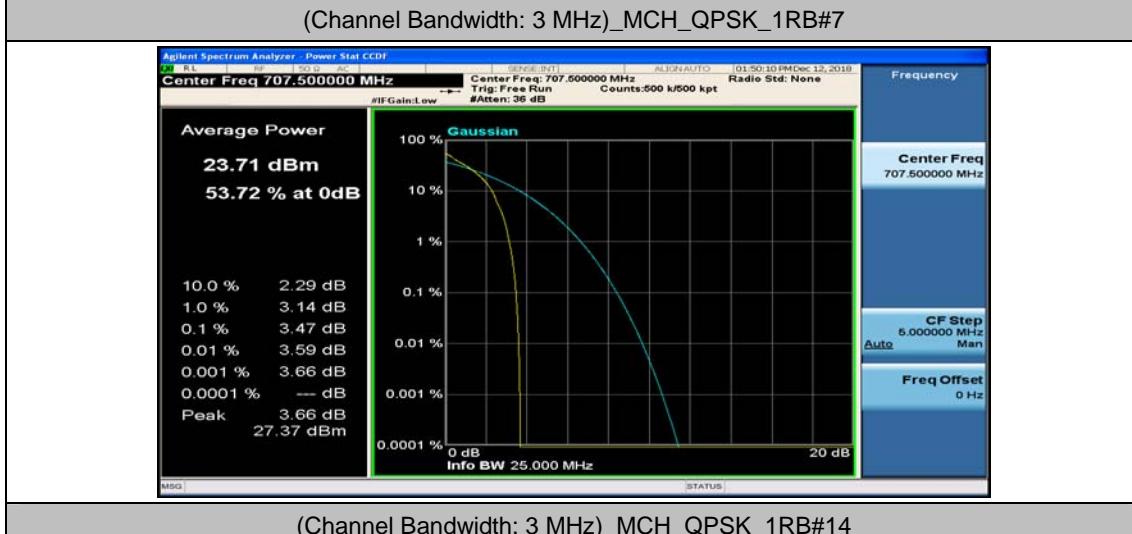
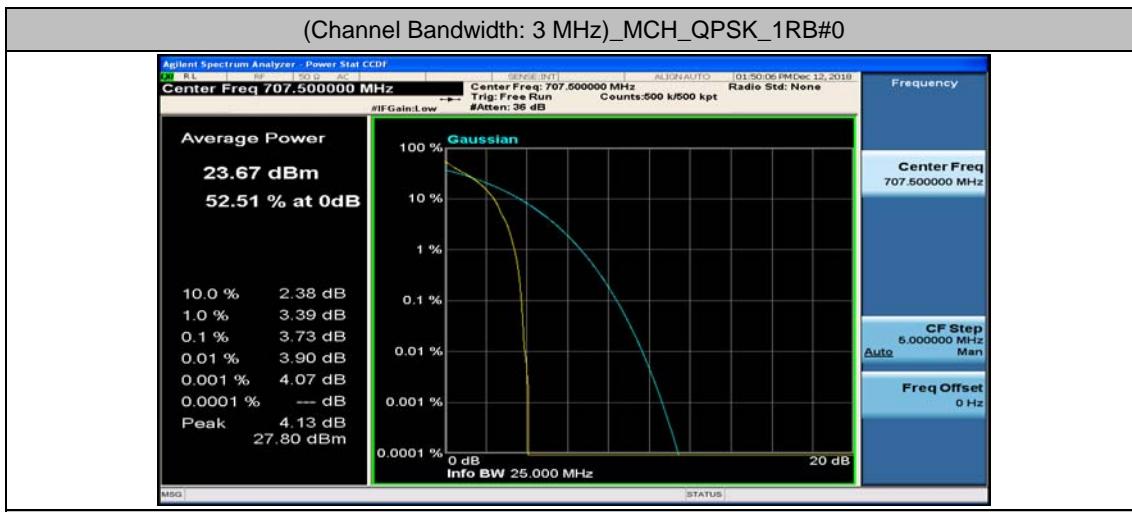
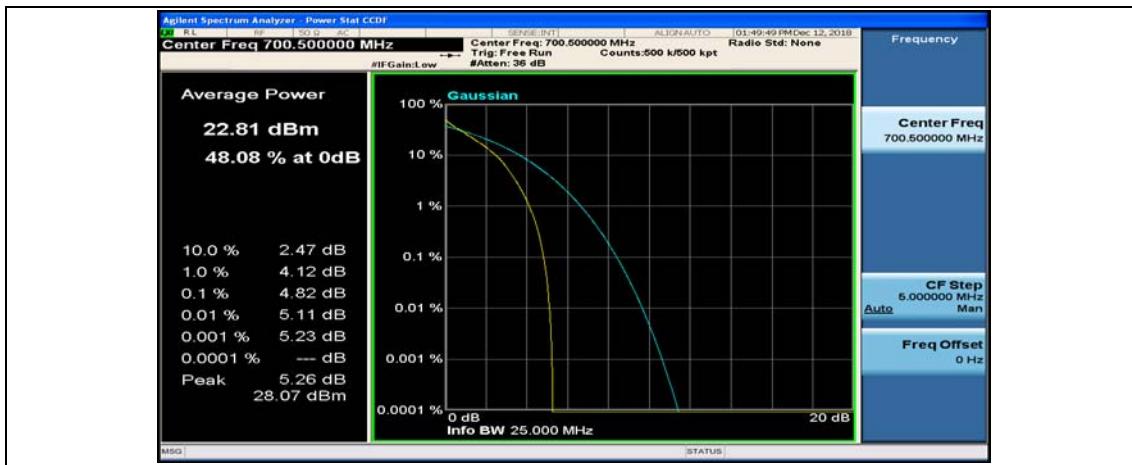




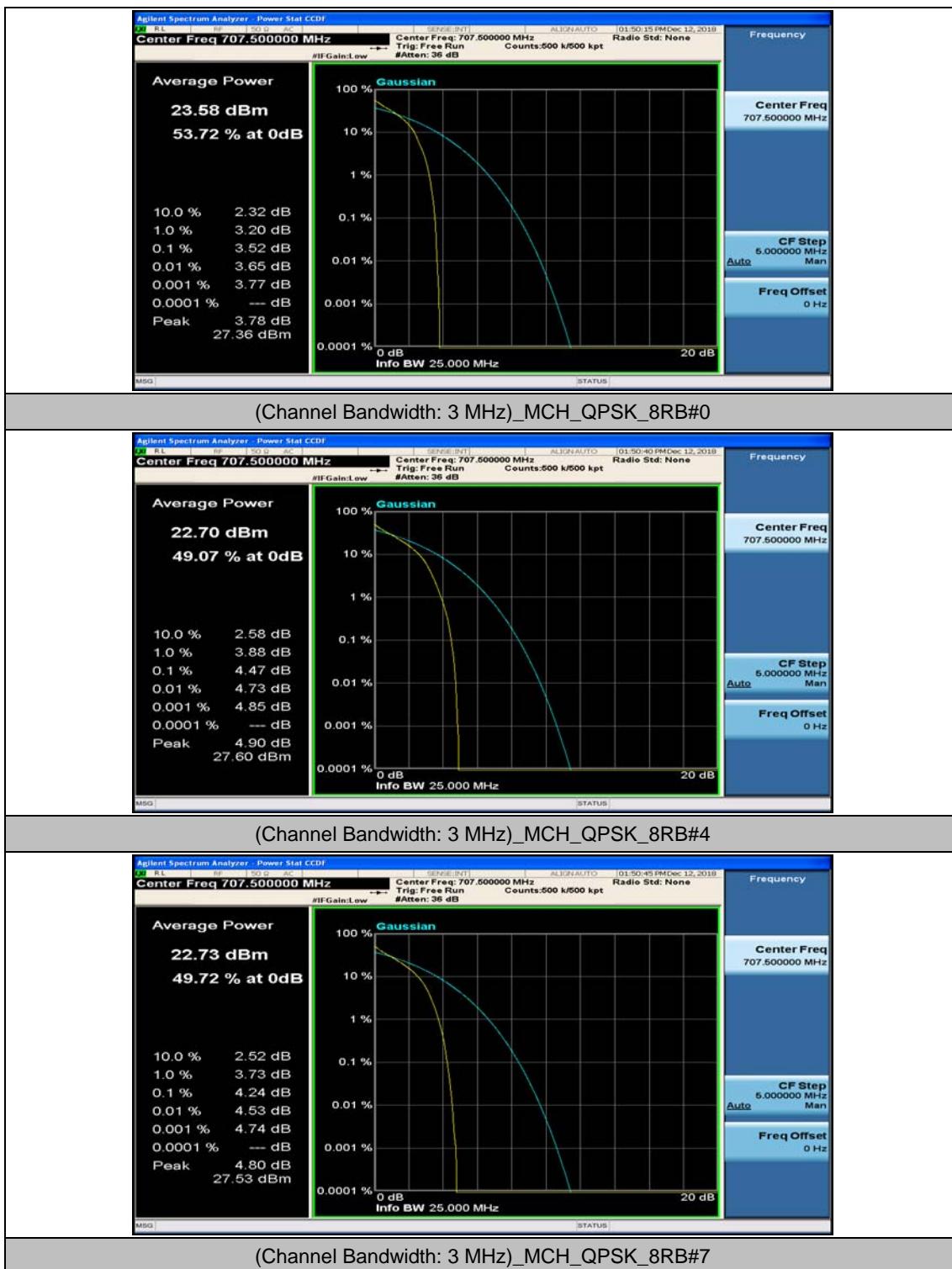
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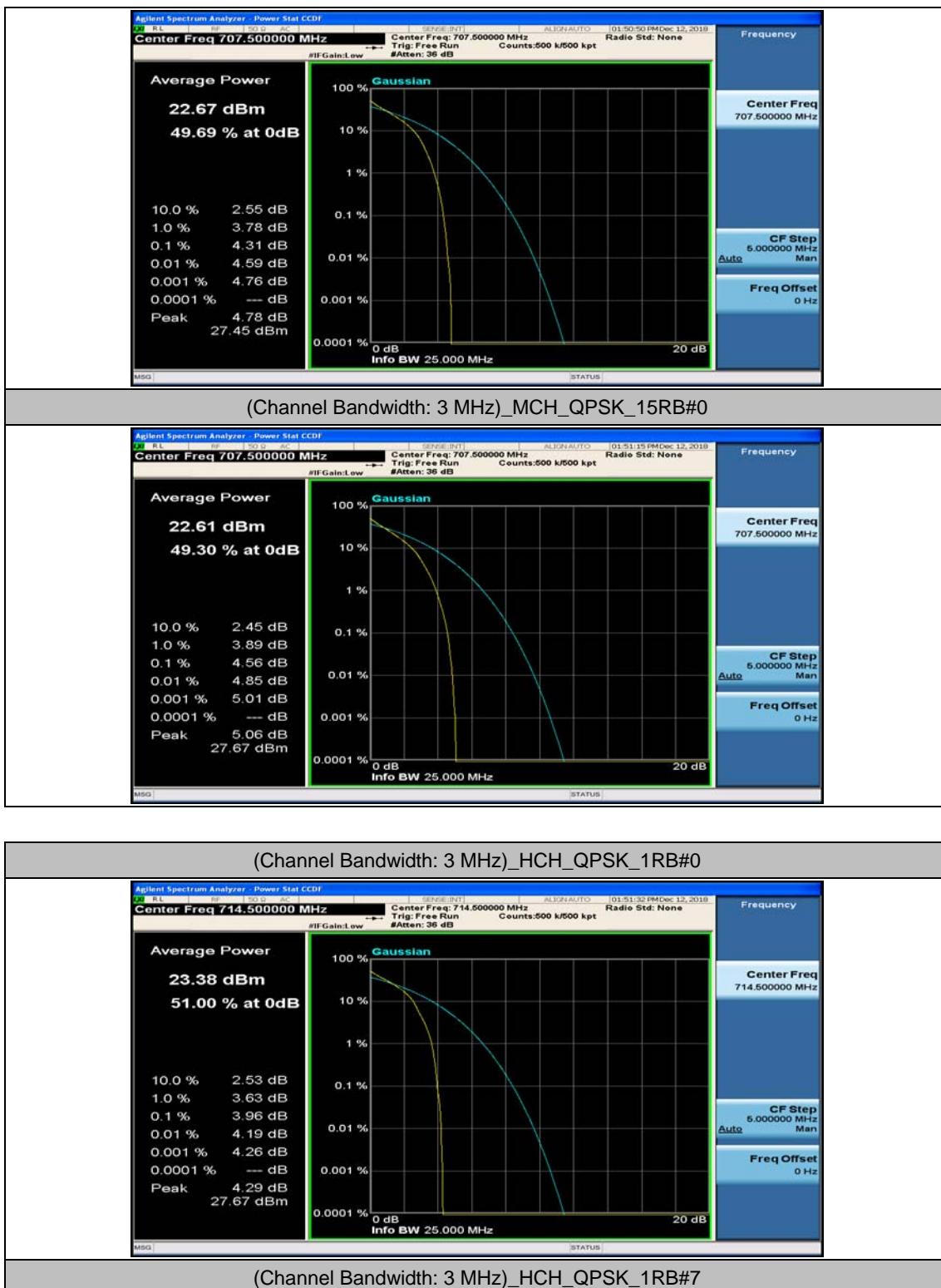


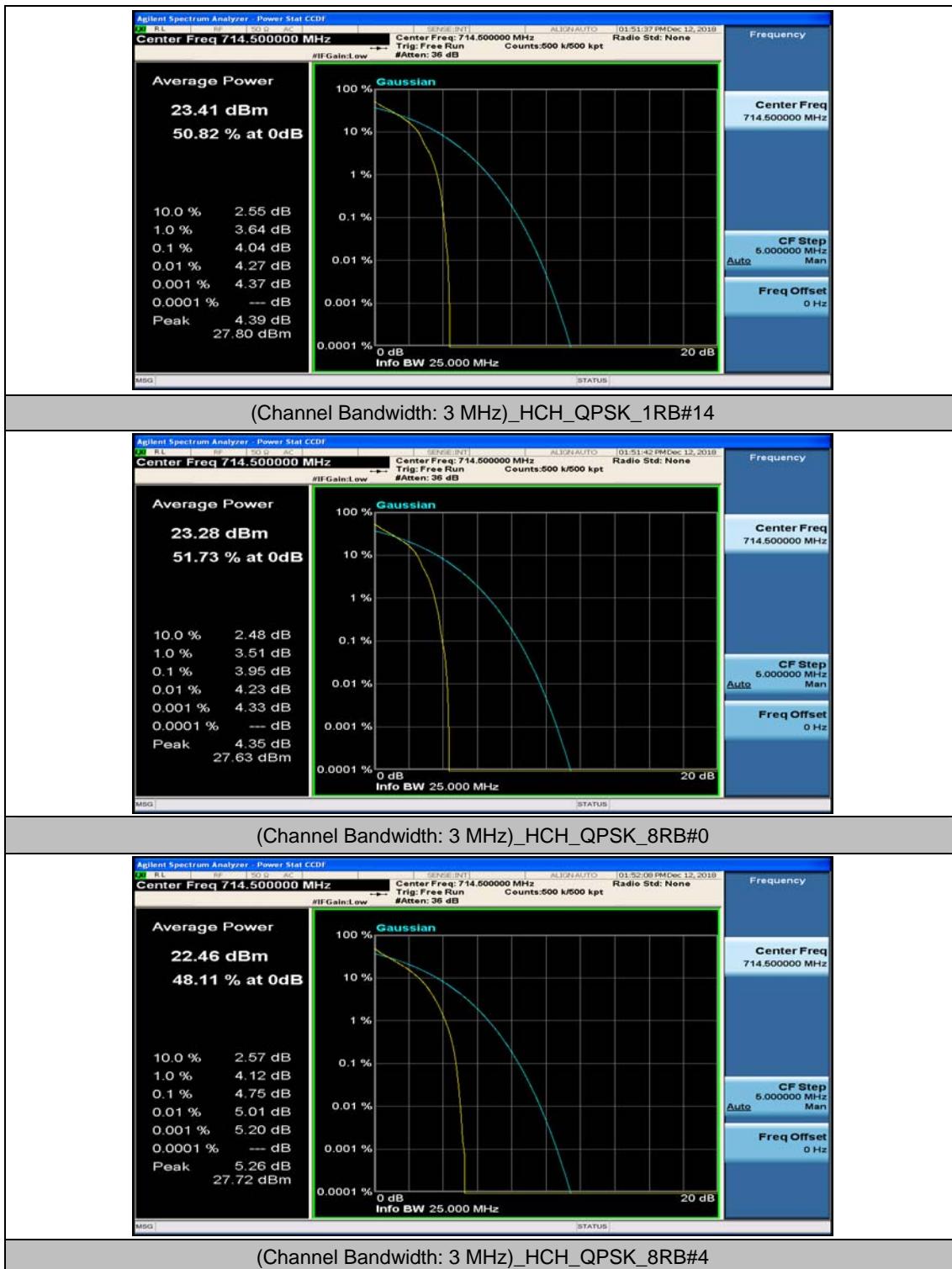


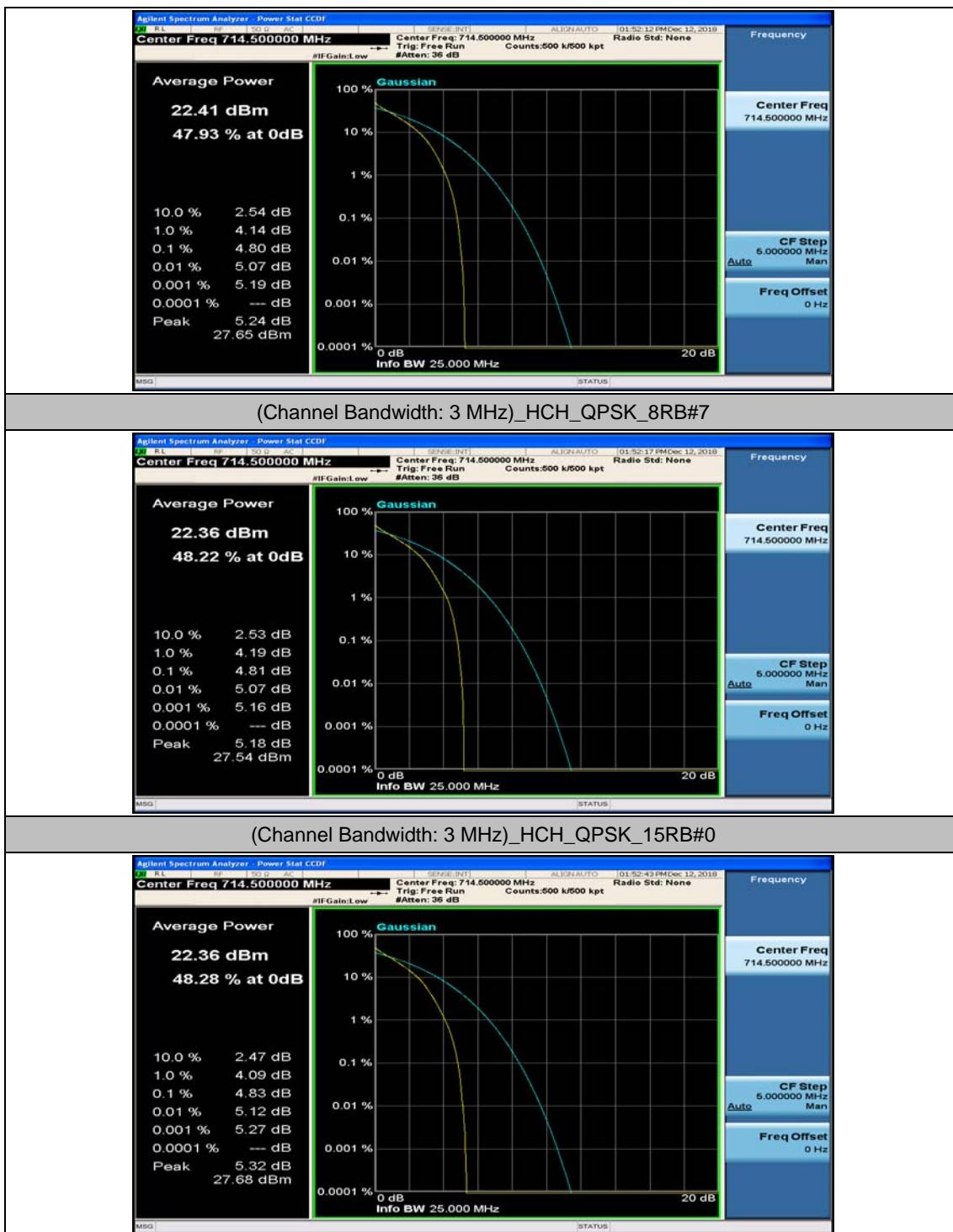


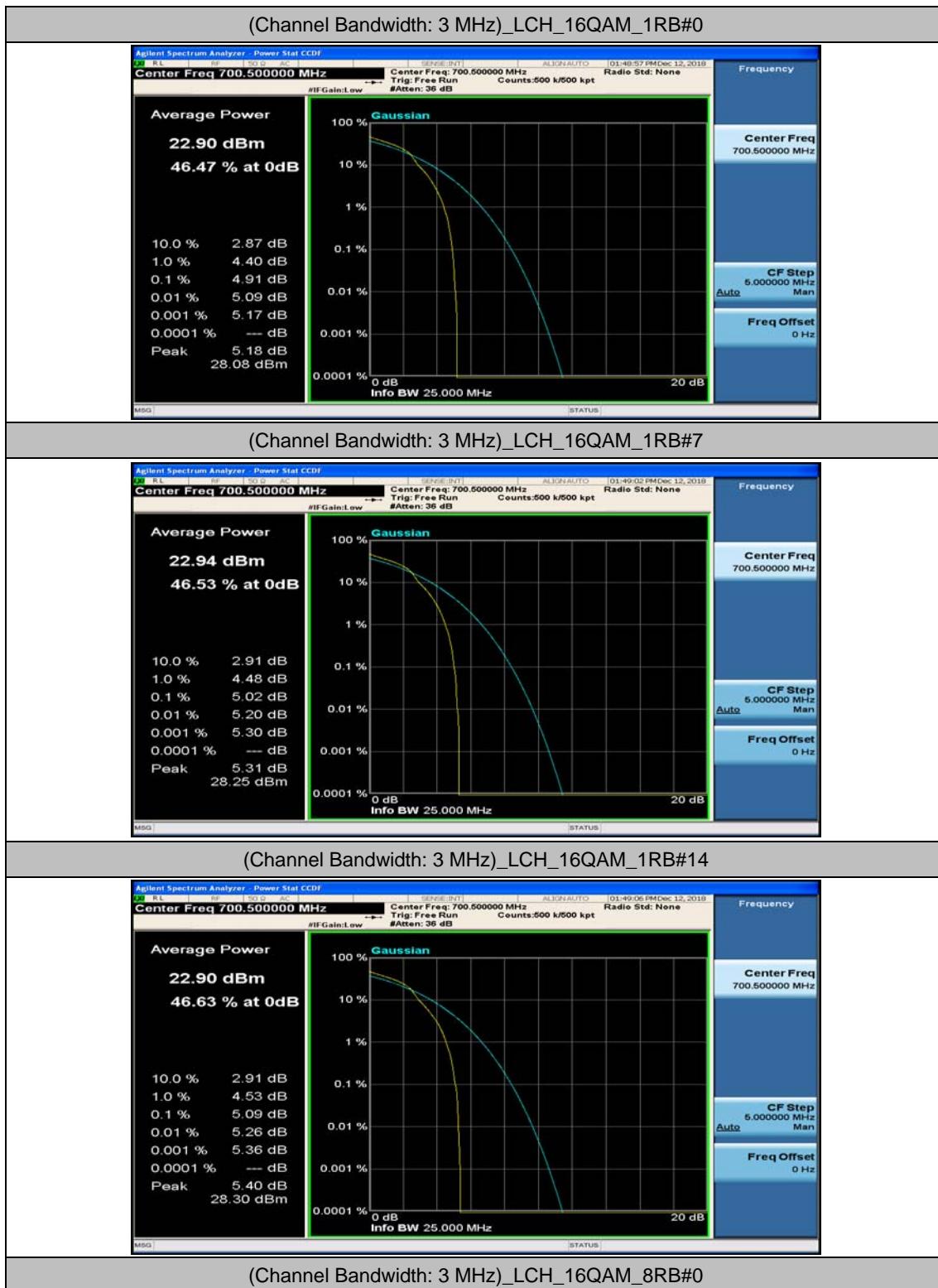
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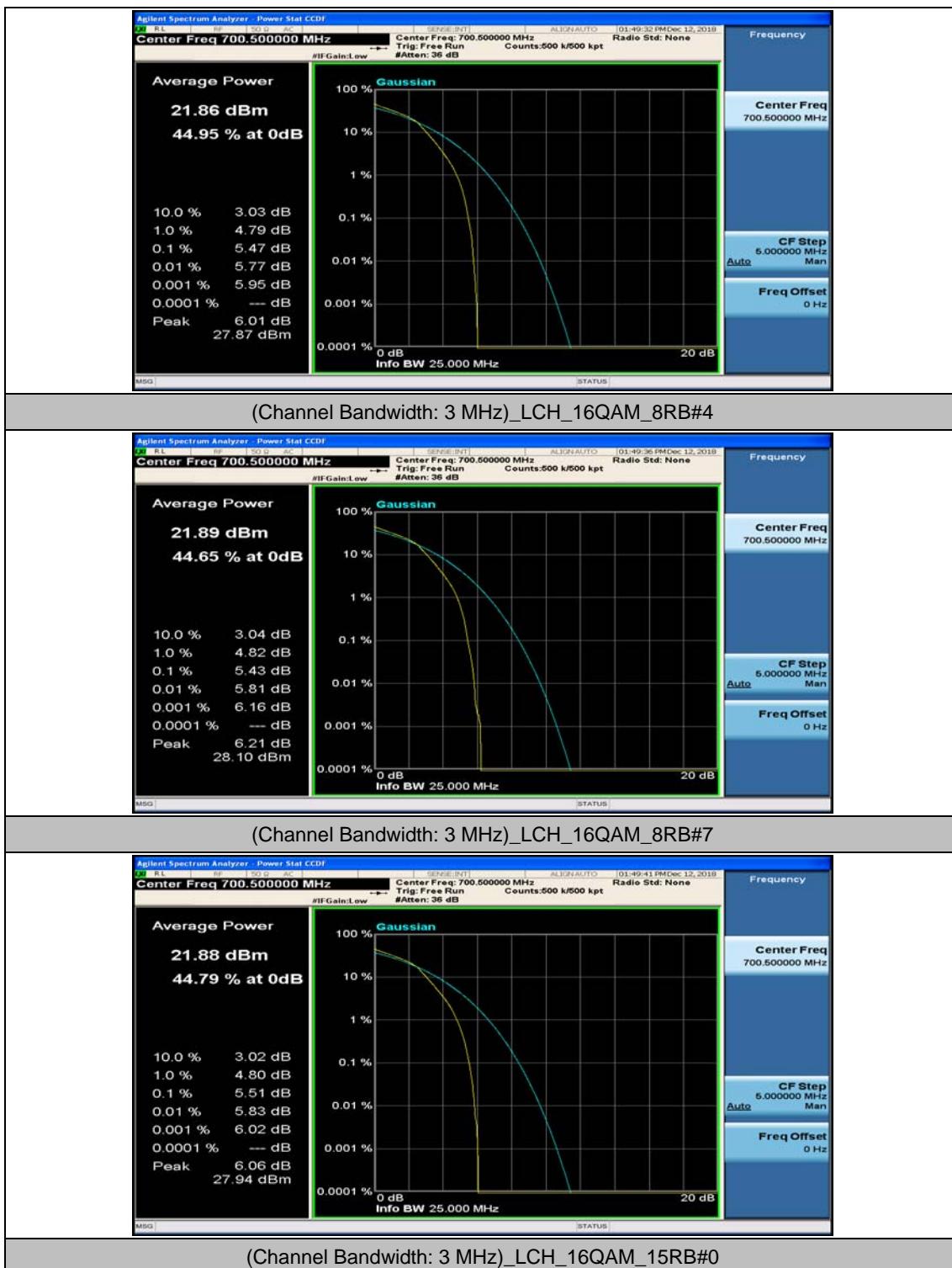


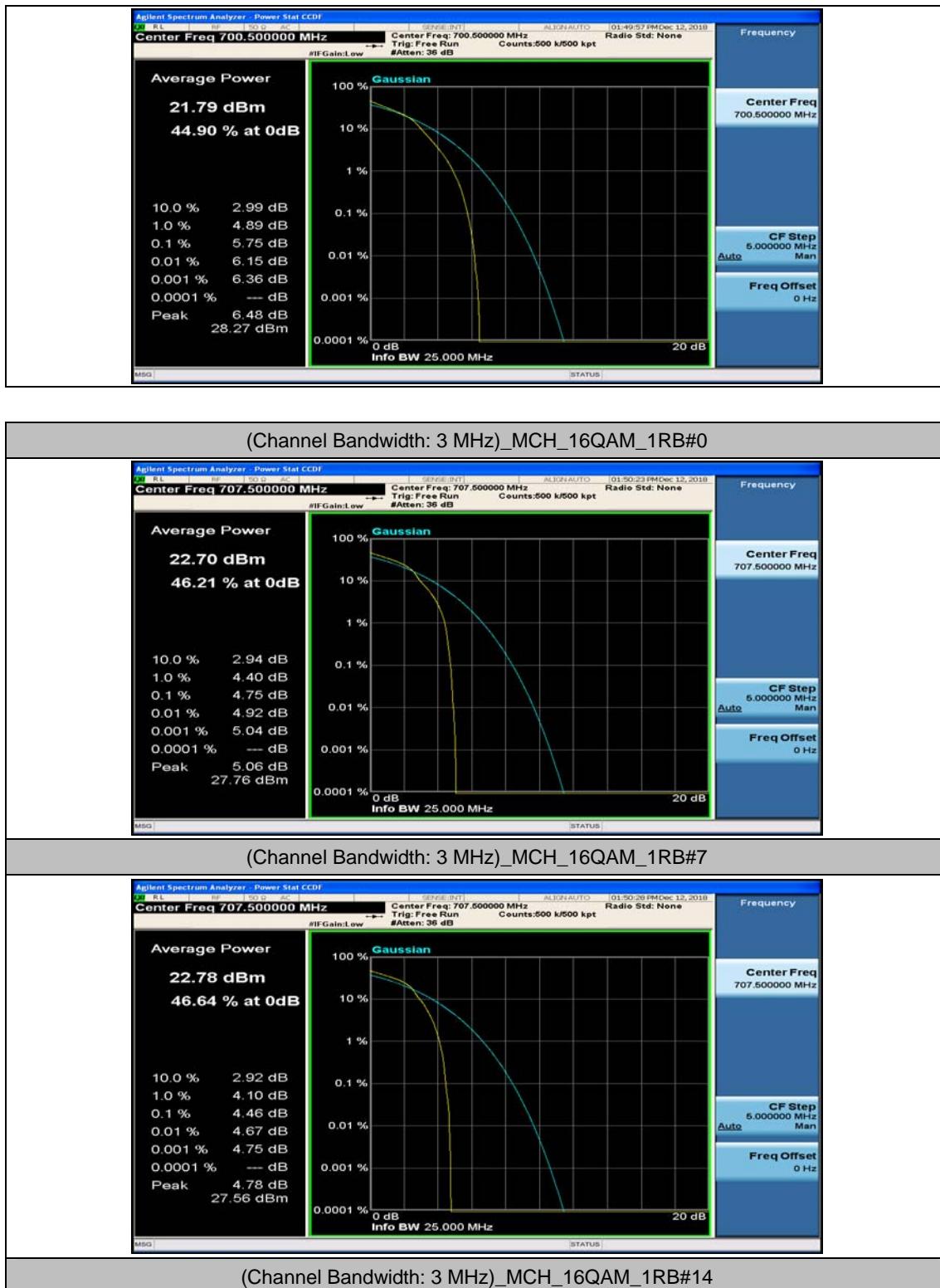


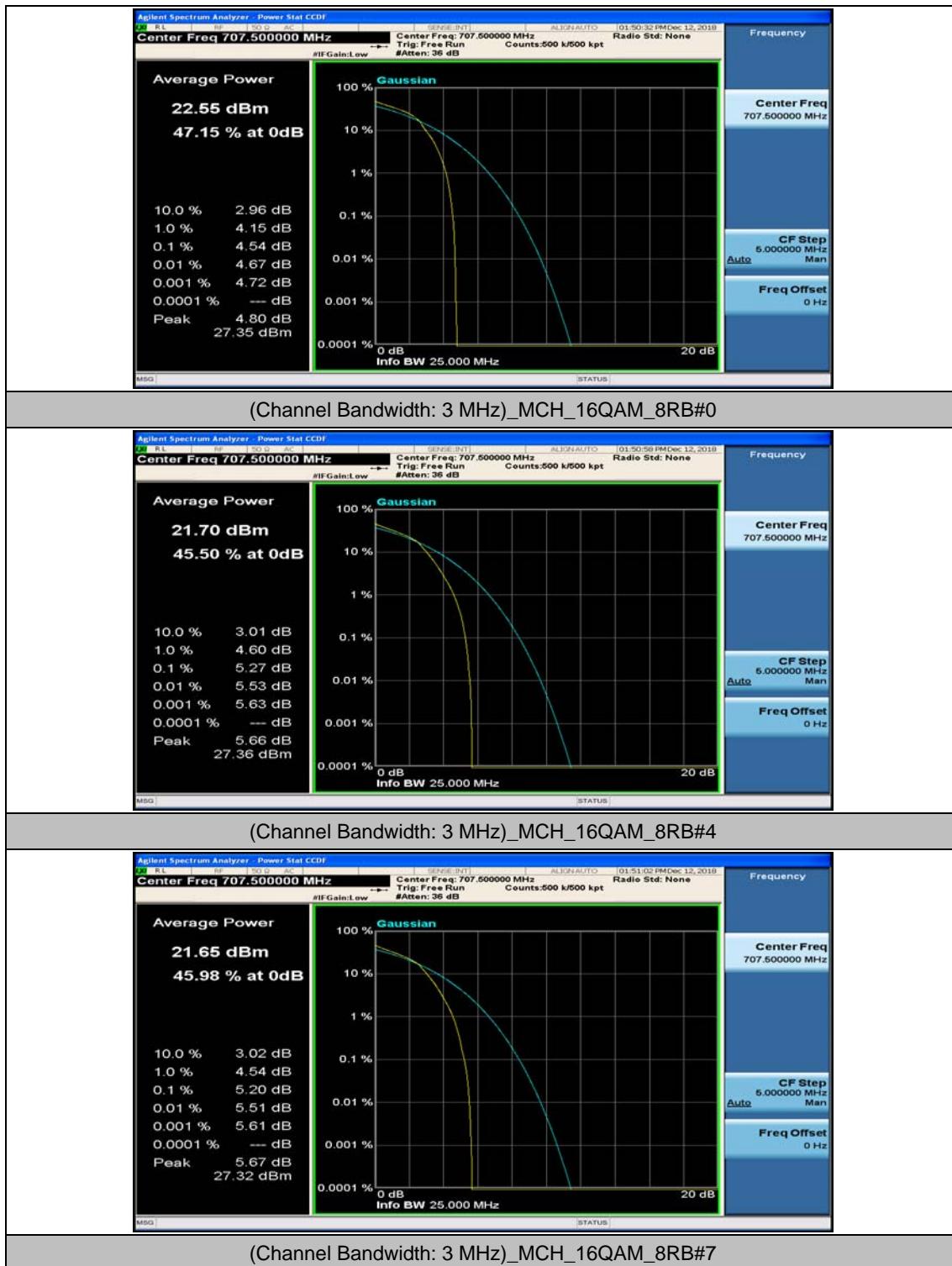


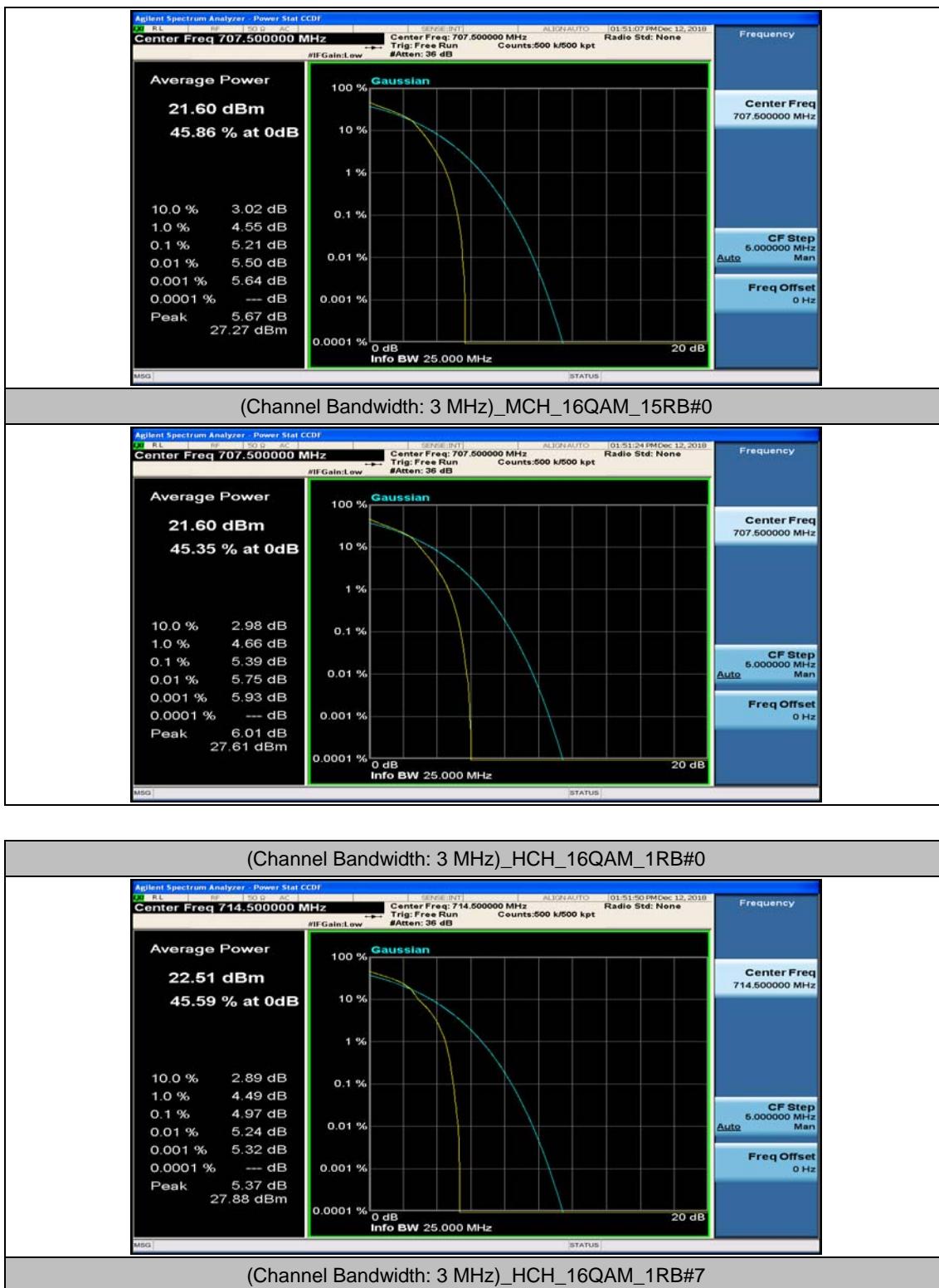


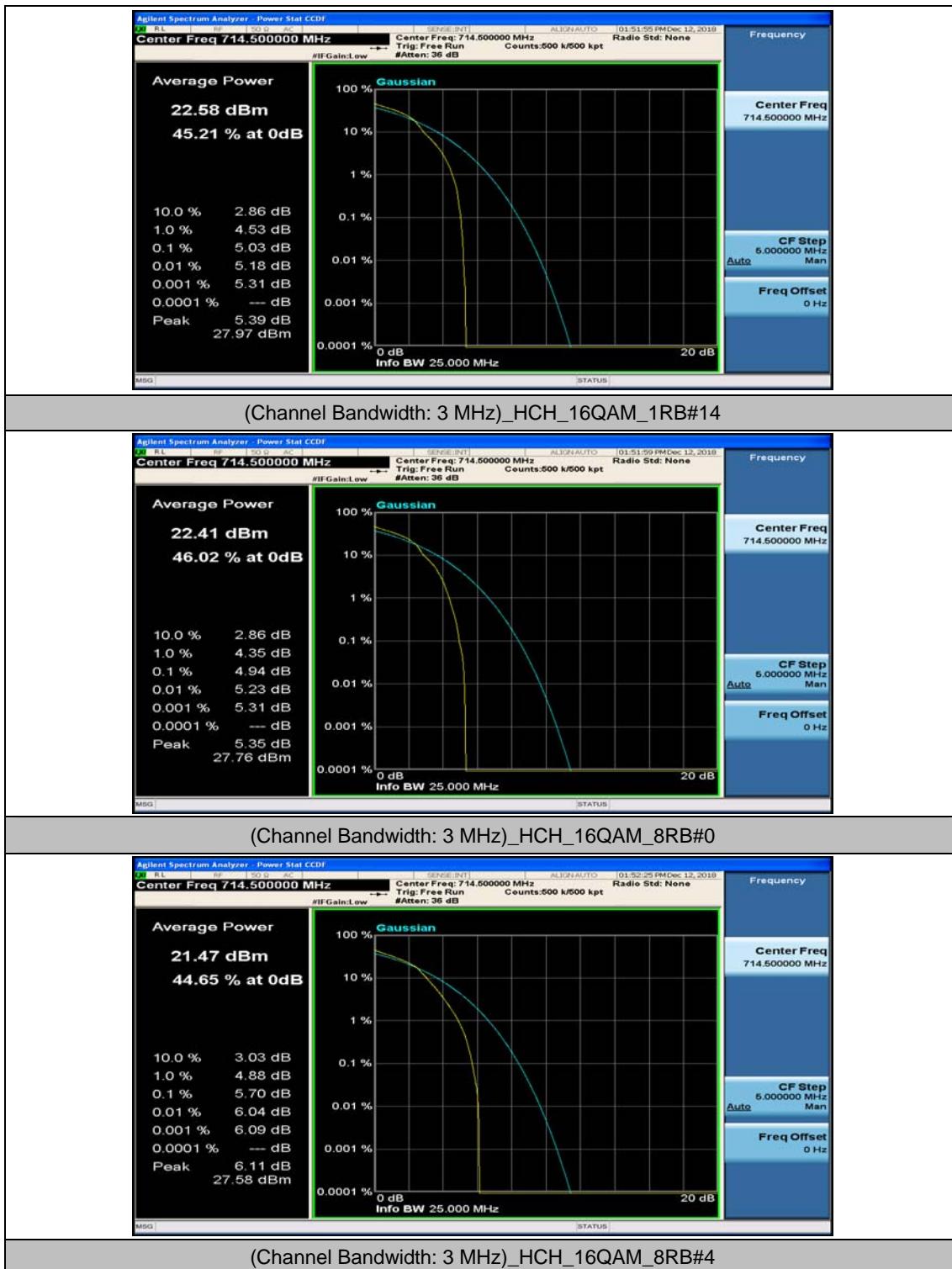


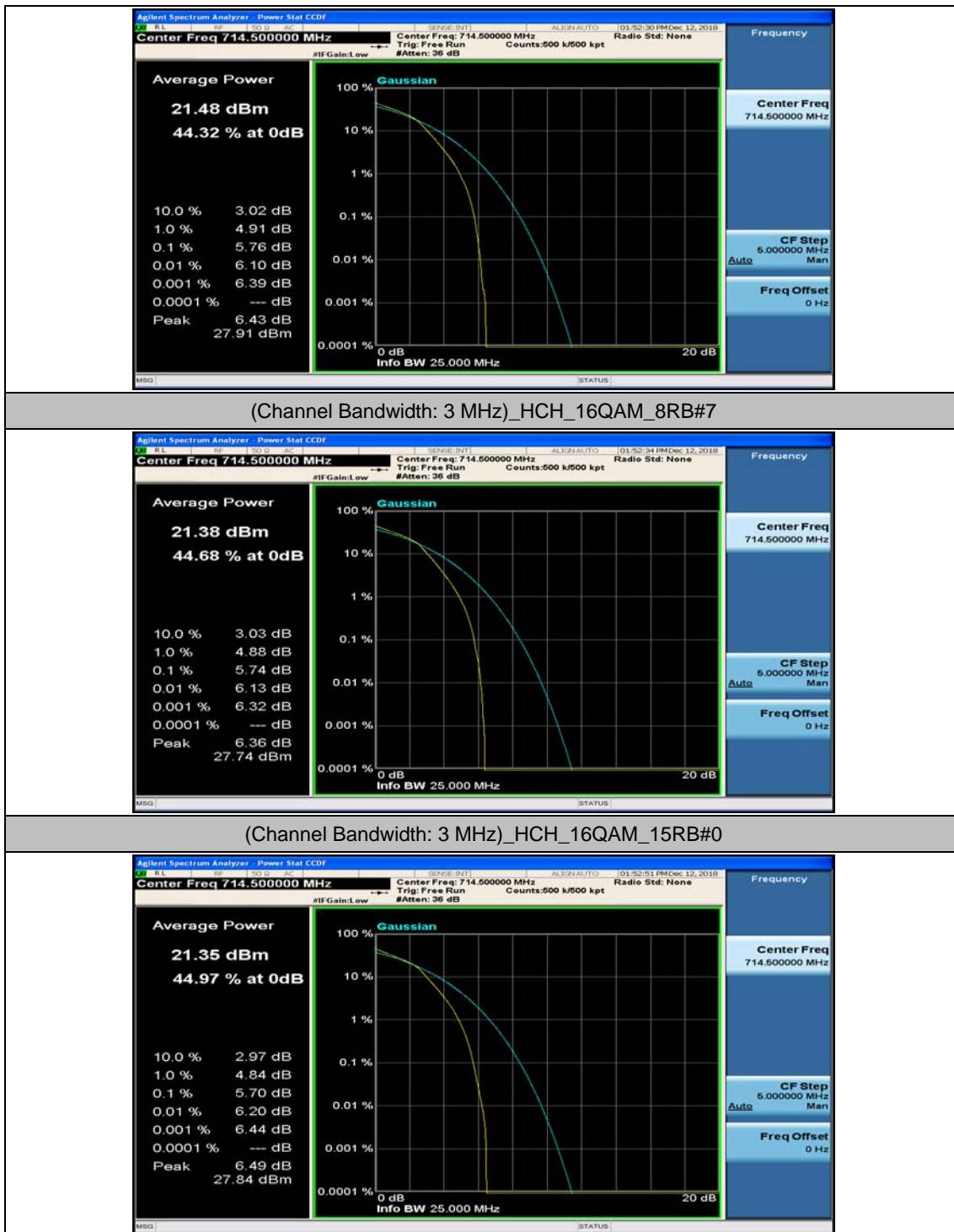




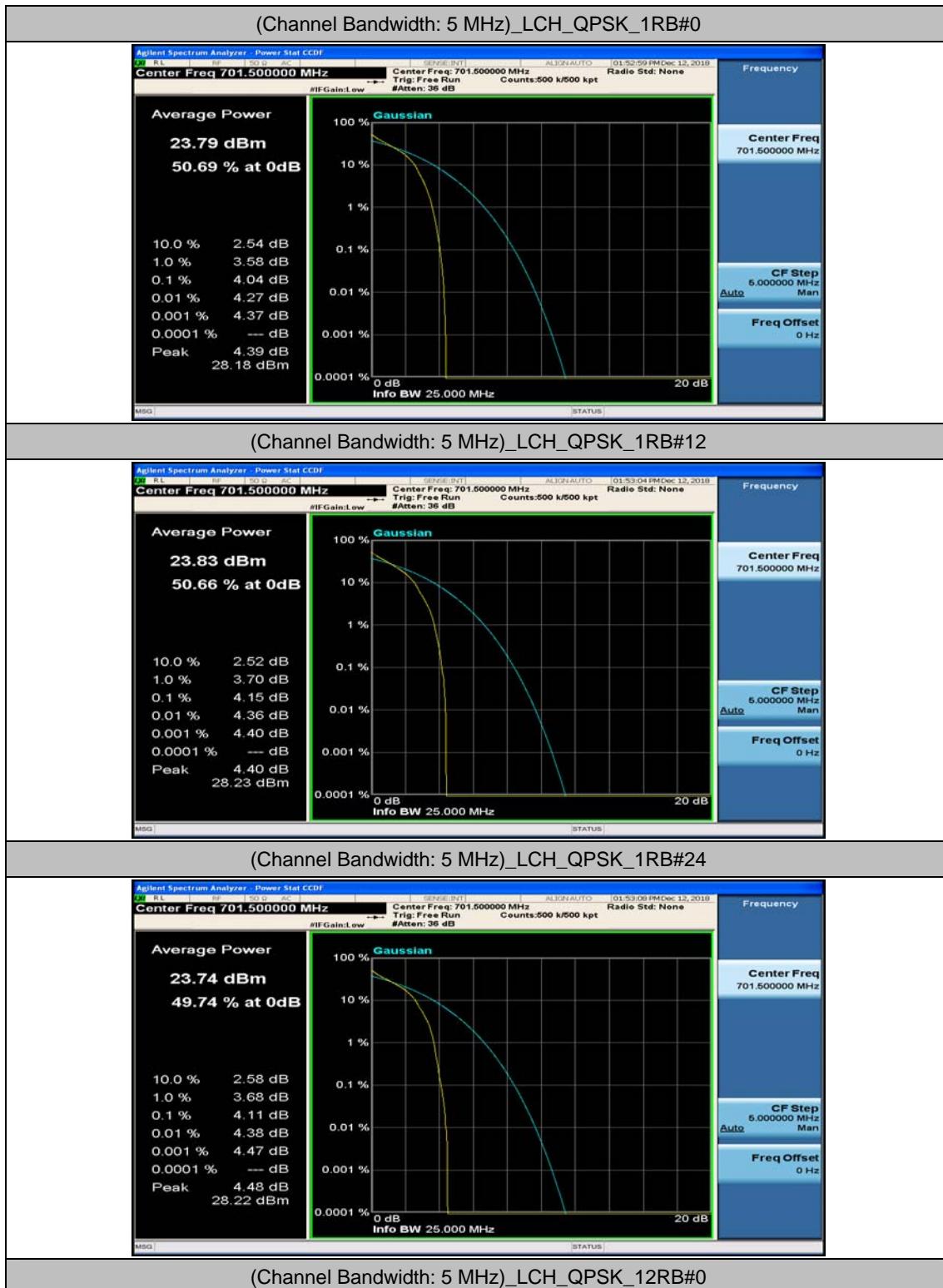


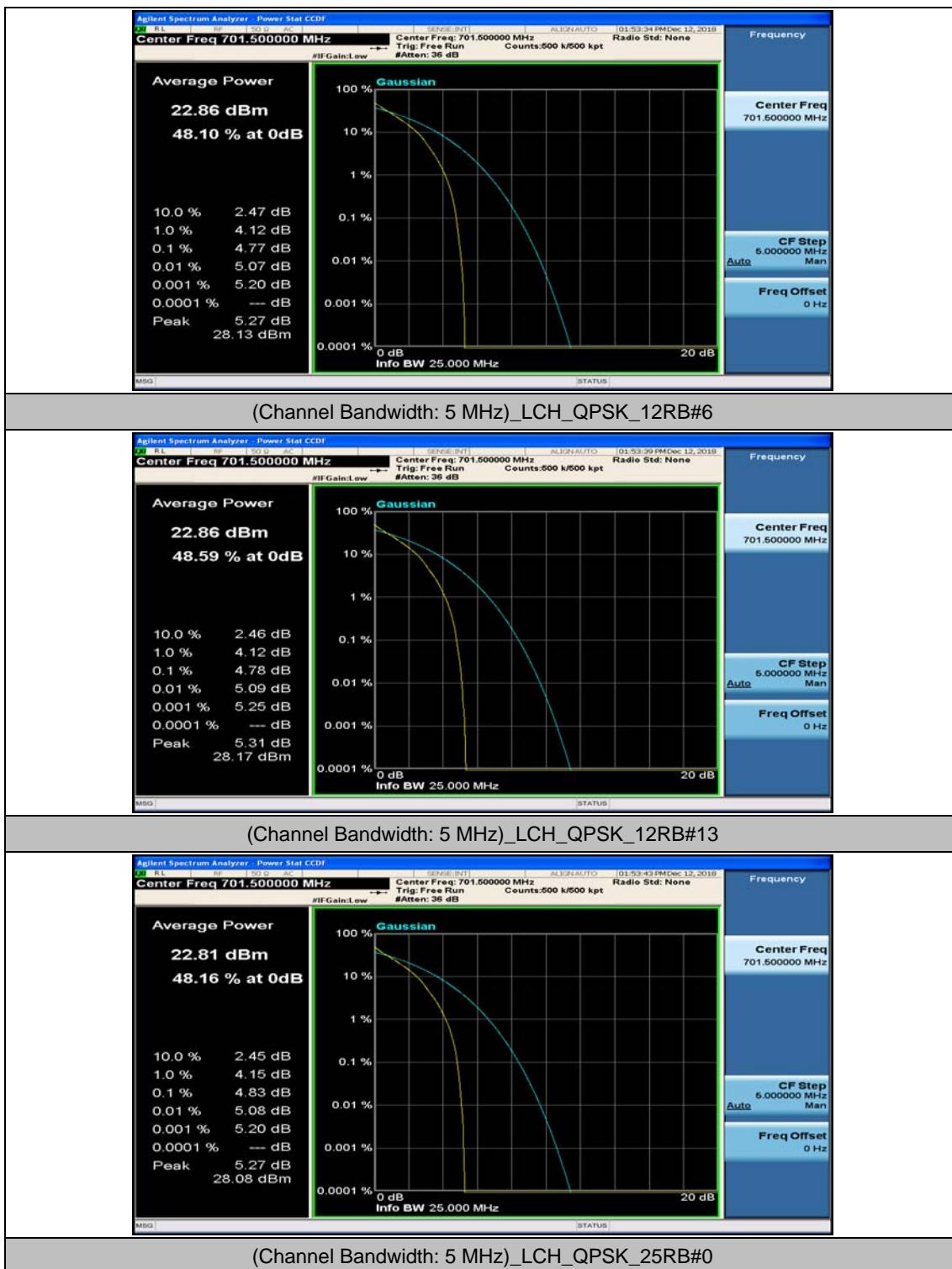


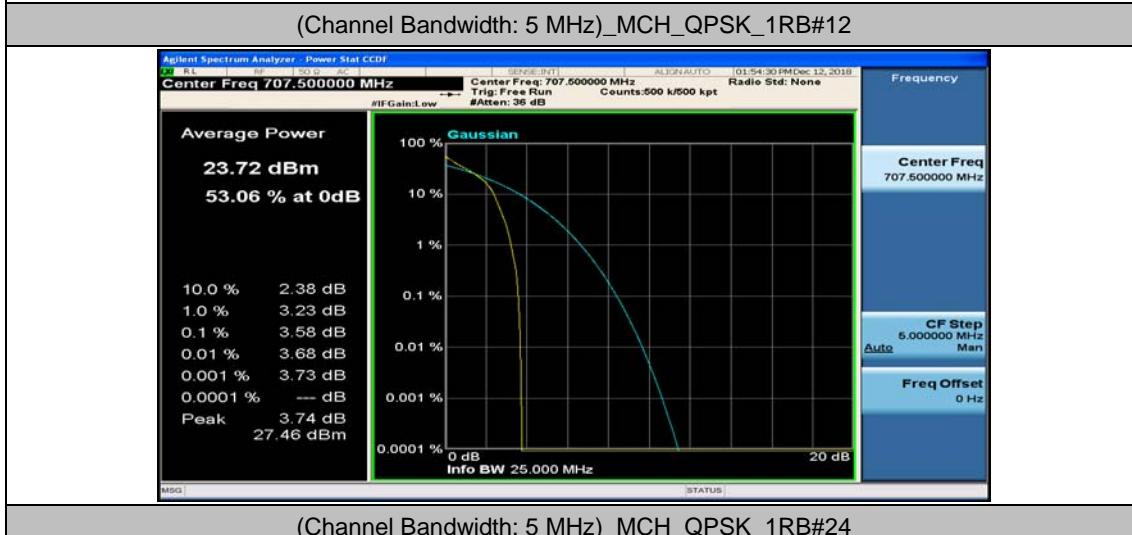
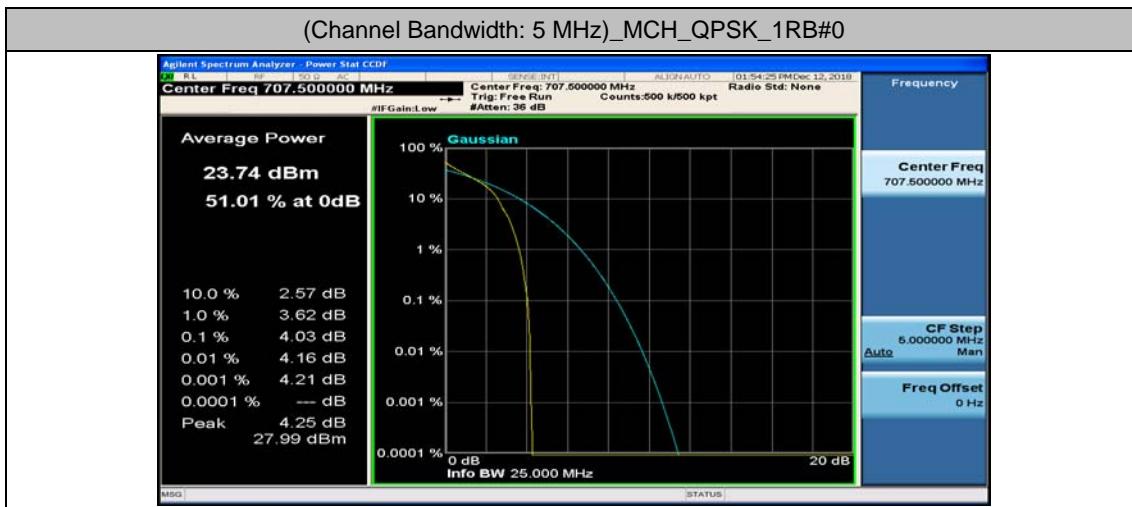
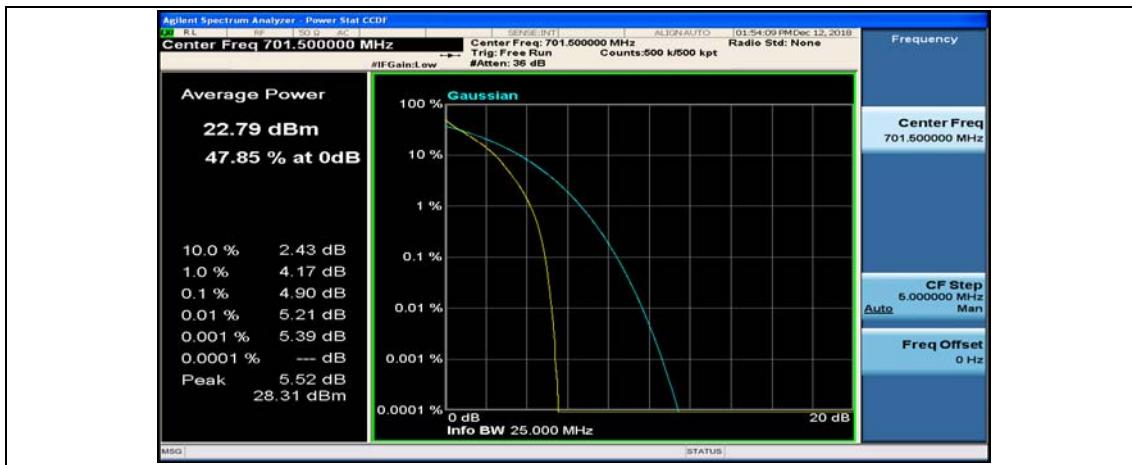




## Channel Bandwidth: 5 MHz







(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#24

