

## 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	21.28	PASS
		1	3	21.32	PASS
		1	5	21.22	PASS
		3	0	21.38	PASS
		3	2	21.33	PASS
		3	3	21.32	PASS
		6	0	20.28	PASS
	MCH	1	0	21.23	PASS
		1	3	21.33	PASS
		1	5	21.26	PASS
		3	0	21.34	PASS
		3	2	21.28	PASS
		3	3	21.33	PASS
		6	0	20.25	PASS
16QAM	LCH	1	0	22.34	PASS
		1	3	22.42	PASS
		1	5	22.37	PASS
		3	0	20.72	PASS
		3	2	21.08	PASS
		3	3	21.27	PASS
		6	0	21.24	PASS
	MCH	1	0	20.51	PASS
		1	3	20.64	PASS
		1	5	20.49	PASS
		3	0	20.49	PASS
		3	2	20.41	PASS
		3	3	20.44	PASS
		6	0	20.27	PASS

		6	0	20.24	PASS
HCH		1	0	21.55	PASS
		1	3	21.74	PASS
		1	5	21.60	PASS
		3	0	21.48	PASS
		3	2	21.45	PASS
		3	3	21.51	PASS
		6	0	20.53	PASS

### Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.20	PASS
		1	7	21.25	PASS
		1	14	21.09	PASS
		8	0	21.29	PASS
		8	4	21.25	PASS
		8	7	21.22	PASS
		15	0	21.24	PASS
	MCH	1	0	21.12	PASS
		1	7	21.29	PASS
		1	14	21.19	PASS
		8	0	21.23	PASS
		8	4	21.27	PASS
		8	7	21.28	PASS
		15	0	21.25	PASS
	HCH	1	0	22.18	PASS
		1	7	22.35	PASS
		1	14	22.31	PASS
		8	0	21.29	PASS
		8	4	21.31	PASS
		8	7	21.36	PASS
		15	0	21.31	PASS
16QAM	LCH	1	0	20.48	PASS
		1	7	20.54	PASS
		1	14	20.38	PASS
		8	0	21.38	PASS
		8	4	21.36	PASS
		8	7	21.31	PASS
		15	0	21.27	PASS
	MCH	1	0	21.44	PASS
		1	7	21.58	PASS

		1	14	20.52	PASS
		8	0	21.35	PASS
		8	4	21.37	PASS
		8	7	21.36	PASS
		15	0	21.28	PASS
	HCH	1	0	21.56	PASS
		1	7	21.73	PASS
		1	14	21.66	PASS
		8	0	21.32	PASS
		8	4	21.33	PASS
		8	7	20.75	PASS
		15	0	20.53	PASS

### Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.28	PASS
		1	12	21.27	PASS
		1	24	21.07	PASS
		12	0	21.31	PASS
		12	6	21.27	PASS
		12	13	21.20	PASS
		25	0	21.20	PASS
	MCH	1	0	21.16	PASS
		1	12	21.33	PASS
		1	24	21.28	PASS
		12	0	22.32	PASS
		12	6	22.34	PASS
		12	13	22.40	PASS
		25	0	22.32	PASS
	HCH	1	0	22.18	PASS
		1	12	22.37	PASS
		1	24	22.42	PASS
		12	0	21.26	PASS
		12	6	21.32	PASS
		12	13	21.44	PASS
		25	0	21.31	PASS
16QAM	LCH	1	0	22.66	PASS
		1	12	22.70	PASS
		1	24	22.48	PASS
		12	0	21.50	PASS
		12	6	20.47	PASS

		12	13	20.42	PASS
		25	0	21.29	PASS
MCH	MCH	1	0	20.59	PASS
		1	12	20.81	PASS
		1	24	20.73	PASS
		12	0	21.51	PASS
		12	6	21.56	PASS
		12	13	21.60	PASS
		25	0	20.40	PASS
HCH	HCH	1	0	21.22	PASS
		1	12	21.39	PASS
		1	24	21.37	PASS
		12	0	20.34	PASS
		12	6	21.39	PASS
		12	13	20.48	PASS
		25	0	21.37	PASS

### Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.32	PASS
		1	24	21.17	PASS
		1	49	21.12	PASS
		25	0	21.32	PASS
		25	12	21.21	PASS
		25	25	21.23	PASS
		50	0	22.28	PASS
	MCH	1	0	21.11	PASS
		1	24	21.25	PASS
		1	49	21.40	PASS
		25	0	21.23	PASS
		25	12	21.32	PASS
		25	25	21.38	PASS
		50	0	21.31	PASS
	HCH	1	0	21.88	PASS
		1	24	22.10	PASS
		1	49	22.33	PASS
		25	0	21.00	PASS
		25	12	21.11	PASS
		25	25	21.24	PASS
		50	0	21.16	PASS
16QAM	LCH	1	0	20.59	PASS

		1	24	20.46	PASS
		1	49	20.43	PASS
		25	0	20.36	PASS
		25	12	20.27	PASS
		25	25	20.25	PASS
		50	0	20.30	PASS
	MCH	1	0	20.43	PASS
		1	24	20.58	PASS
		1	49	20.70	PASS
		25	0	20.29	PASS
		25	12	20.38	PASS
		25	25	20.45	PASS
		50	0	20.37	PASS
	HCH	1	0	21.29	PASS
		1	24	21.50	PASS
		1	49	21.71	PASS
		25	0	20.10	PASS
		25	12	21.18	PASS
		25	25	21.31	PASS
		50	0	21.25	PASS

### Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.36	PASS
		1	37	21.25	PASS
		1	74	21.12	PASS
		37	0	20.31	PASS
		37	18	20.55	PASS
		37	38	20.45	PASS
		75	0	20.36	PASS
	MCH	1	0	21.12	PASS
		1	37	21.34	PASS
		1	74	21.47	PASS
		37	0	20.31	PASS
		37	18	20.32	PASS
		37	38	20.42	PASS
		75	0	20.32	PASS
	HCH	1	0	21.57	PASS
		1	37	22.01	PASS
		1	74	22.34	PASS
		37	0	20.83	PASS

		37	18	21.03	PASS
		37	38	21.22	PASS
		75	0	21.08	PASS
16QAM	LCH	1	0	20.61	PASS
		1	37	20.55	PASS
		1	74	20.43	PASS
		37	0	20.32	PASS
		37	18	21.25	PASS
		37	38	21.23	PASS
		75	0	21.27	PASS
	MCH	1	0	20.40	PASS
		1	37	20.65	PASS
		1	74	20.77	PASS
		37	0	21.22	PASS
		37	18	21.32	PASS
		37	38	21.44	PASS
		75	0	21.33	PASS
	HCH	1	0	20.89	PASS
		1	37	21.33	PASS
		1	74	21.59	PASS
		37	0	21.86	PASS
		37	18	20.58	PASS
		37	38	20.39	PASS
		75	0	20.49	PASS

### Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.47	PASS
		1	49	21.23	PASS
		1	99	21.30	PASS
		50	0	20.52	PASS
		50	25	20.65	PASS
		50	50	20.78	PASS
		100	0	20.65	PASS
	MCH	1	0	21.23	PASS
		1	49	21.34	PASS
		1	99	21.74	PASS
		50	0	20.54	PASS
		50	25	20.65	PASS
		50	50	20.45	PASS
		100	0	20.32	PASS

		1	0	21.48	PASS
		1	49	21.85	PASS
		1	99	22.55	PASS
	HCH	50	0	22.44	PASS
		50	25	22.42	PASS
		50	50	22.44	PASS
		100	0	21.38	PASS
16QAM	LCH	1	0	20.63	PASS
		1	49	20.43	PASS
		1	99	20.46	PASS
		50	0	20.31	PASS
		50	25	20.52	PASS
		50	50	20.43	PASS
		100	0	20.85	PASS
	MCH	1	0	20.40	PASS
		1	49	20.54	PASS
		1	99	20.91	PASS
		50	0	21.21	PASS
		50	25	21.34	PASS
		50	50	21.50	PASS
		100	0	21.33	PASS
	HCH	1	0	20.83	PASS
		1	49	21.25	PASS
		1	99	21.72	PASS
		50	0	20.65	PASS
		50	25	20.78	PASS
		50	50	20.65	PASS
		100	0	20.33	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	3.47	<13	PASS
		1	3	3.39	<13	PASS
		1	5	3.35	<13	PASS
		3	0	3.33	<13	PASS
		3	2	3.33	<13	PASS
		3	3	3.26	<13	PASS
		6	0	4.31	<13	PASS
	MCH	1	0	4.29	<13	PASS
		1	3	4.17	<13	PASS
		1	5	4.38	<13	PASS
		3	0	4.23	<13	PASS
		3	2	4.24	<13	PASS
		3	3	4.18	<13	PASS
		6	0	5	<13	PASS
16QAM	LCH	1	0	5.19	<13	PASS
		1	3	5.19	<13	PASS
		1	5	5.23	<13	PASS
		3	0	5.36	<13	PASS
		3	2	5.42	<13	PASS
		3	3	5.34	<13	PASS
		6	0	5.83	<13	PASS
	MCH	1	0	4.38	<13	PASS
		1	3	4.39	<13	PASS
		1	5	4.39	<13	PASS
		3	0	4.26	<13	PASS
		3	2	4.32	<13	PASS
		3	3	4.3	<13	PASS
		6	0	5.07	<13	PASS

		3	2	5.14	<13	PASS
		3	3	5.2	<13	PASS
		6	0	5.89	<13	PASS
HCH		1	0	5.98	<13	PASS
		1	3	6.21	<13	PASS
		1	5	6.41	<13	PASS
		3	0	6.03	<13	PASS
		3	2	6.07	<13	PASS
		3	3	6.14	<13	PASS
		6	0	6.54	<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	4.32	<13	PASS
		1	7	4.41	<13	PASS
		1	14	4.51	<13	PASS
		8	0	5.21	<13	PASS
		8	4	5.21	<13	PASS
		8	7	5.28	<13	PASS
		15	0	5.31	<13	PASS
	MCH	1	0	4.84	<13	PASS
		1	7	4.82	<13	PASS
		1	14	4.79	<13	PASS
		8	0	5.64	<13	PASS
		8	4	5.64	<13	PASS
		8	7	5.61	<13	PASS
		15	0	5.64	<13	PASS
	HCH	1	0	4.27	<13	PASS
		1	7	4.09	<13	PASS
		1	14	4.08	<13	PASS
		8	0	5.11	<13	PASS
		8	4	5.12	<13	PASS
		8	7	5.04	<13	PASS
		15	0	5.19	<13	PASS
16QAM	LCH	1	0	5.21	<13	PASS
		1	7	5.22	<13	PASS
		1	14	5.36	<13	PASS
		8	0	5.93	<13	PASS
		8	4	6.04	<13	PASS

		8	7	6.01	<13	PASS
		15	0	6.21	<13	PASS
MCH		1	0	5.77	<13	PASS
		1	7	5.71	<13	PASS
		1	14	5.71	<13	PASS
		8	0	6.24	<13	PASS
		8	4	6.38	<13	PASS
		8	7	6.25	<13	PASS
		15	0	6.51	<13	PASS
HCH		1	0	5.17	<13	PASS
		1	7	5.01	<13	PASS
		1	14	5.02	<13	PASS
		8	0	5.91	<13	PASS
		8	4	5.88	<13	PASS
		8	7	5.82	<13	PASS
		15	0	6	<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	4.09	<13	PASS
		1	12	4.29	<13	PASS
		1	24	4.58	<13	PASS
		12	0	5.22	<13	PASS
		12	6	5.27	<13	PASS
		12	13	5.39	<13	PASS
		25	0	5.38	<13	PASS
	MCH	1	0	4.63	<13	PASS
		1	12	4.71	<13	PASS
		1	24	4.66	<13	PASS
		12	0	5.61	<13	PASS
		12	6	5.56	<13	PASS
		12	13	5.52	<13	PASS
		25	0	5.67	<13	PASS
	HCH	1	0	4.4	<13	PASS
		1	12	4.22	<13	PASS
		1	24	4.02	<13	PASS
		12	0	5.24	<13	PASS
		12	6	5.08	<13	PASS
		12	13	5.05	<13	PASS

		25	0	5.2	<13	PASS
16QAM	LCH	1	0	5.02	<13	PASS
		1	12	5.23	<13	PASS
		1	24	5.39	<13	PASS
		12	0	6.06	<13	PASS
		12	6	6.11	<13	PASS
		12	13	6.22	<13	PASS
		25	0	6.25	<13	PASS
	MCH	1	0	5.62	<13	PASS
		1	12	5.57	<13	PASS
		1	24	5.64	<13	PASS
		12	0	6.39	<13	PASS
		12	6	6.36	<13	PASS
		12	13	6.38	<13	PASS
		25	0	6.46	<13	PASS
	HCH	1	0	5.03	<13	PASS
		1	12	4.97	<13	PASS
		1	24	4.81	<13	PASS
		12	0	6.15	<13	PASS
		12	6	6.15	<13	PASS
		12	13	5.97	<13	PASS
		25	0	6.06	<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	4.28	<13	PASS
		1	24	4.58	<13	PASS
		1	49	4.82	<13	PASS
		25	0	5.37	<13	PASS
		25	12	5.54	<13	PASS
		25	25	5.52	<13	PASS
		50	0	5.52	<13	PASS
	MCH	1	0	4.85	<13	PASS
		1	24	4.81	<13	PASS
		1	49	4.75	<13	PASS
		25	0	5.59	<13	PASS
		25	12	5.58	<13	PASS
		25	25	5.54	<13	PASS
		50	0	5.62	<13	PASS

		1	0	4.38	<13	PASS
	HCH	1	24	4.22	<13	PASS
		1	49	3.99	<13	PASS
		25	0	5.35	<13	PASS
		25	12	5.32	<13	PASS
		25	25	5.16	<13	PASS
		50	0	5.33	<13	PASS
		1	0	5.05	<13	PASS
	LCH	1	24	5.44	<13	PASS
		1	49	5.81	<13	PASS
		25	0	6.18	<13	PASS
		25	12	6.36	<13	PASS
		25	25	6.39	<13	PASS
		50	0	6.3	<13	PASS
		1	0	5.74	<13	PASS
	MCH	1	24	5.68	<13	PASS
		1	49	5.49	<13	PASS
		25	0	6.45	<13	PASS
		25	12	6.49	<13	PASS
		25	25	6.51	<13	PASS
		50	0	6.37	<13	PASS
		1	0	5.31	<13	PASS
	HCH	1	24	5.19	<13	PASS
		1	49	4.89	<13	PASS
		25	0	6.21	<13	PASS
		25	12	6.18	<13	PASS
		25	25	6.03	<13	PASS
		50	0	6.13	<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	4.17	<13	PASS
		1	37	4.81	<13	PASS
		1	74	4.94	<13	PASS
		37	0	5.63	<13	PASS
		37	18	5.61	<13	PASS
		37	38	5.96	<13	PASS
		75	0	6.1	<13	PASS
	MCH	1	0	4.98	<13	PASS

		1	37	4.83	<13	PASS
		1	74	4.71	<13	PASS
		37	0	5.66	<13	PASS
		37	18	5.61	<13	PASS
		37	38	5.59	<13	PASS
		75	0	5.88	<13	PASS
		1	0	4.57	<13	PASS
		1	37	4.75	<13	PASS
		1	74	4.14	<13	PASS
		37	0	5.45	<13	PASS
		37	18	5.34	<13	PASS
		37	38	5.25	<13	PASS
		75	0	5.7	<13	PASS
16QAM	LCH	1	0	5.35	<13	PASS
		1	37	5.81	<13	PASS
		1	74	5.78	<13	PASS
		37	0	6.32	<13	PASS
		37	18	6.48	<13	PASS
		37	38	6.55	<13	PASS
		75	0	6.62	<13	PASS
	MCH	1	0	5.92	<13	PASS
		1	37	5.57	<13	PASS
		1	74	5.55	<13	PASS
		37	0	6.48	<13	PASS
		37	18	6.39	<13	PASS
		37	38	6.43	<13	PASS
		75	0	6.51	<13	PASS
	HCH	1	0	5.74	<13	PASS
		1	37	5.43	<13	PASS
		1	74	5.01	<13	PASS
		37	0	6.39	<13	PASS
		37	18	6.36	<13	PASS
		37	38	6.14	<13	PASS
		75	0	6.35	<13	PASS

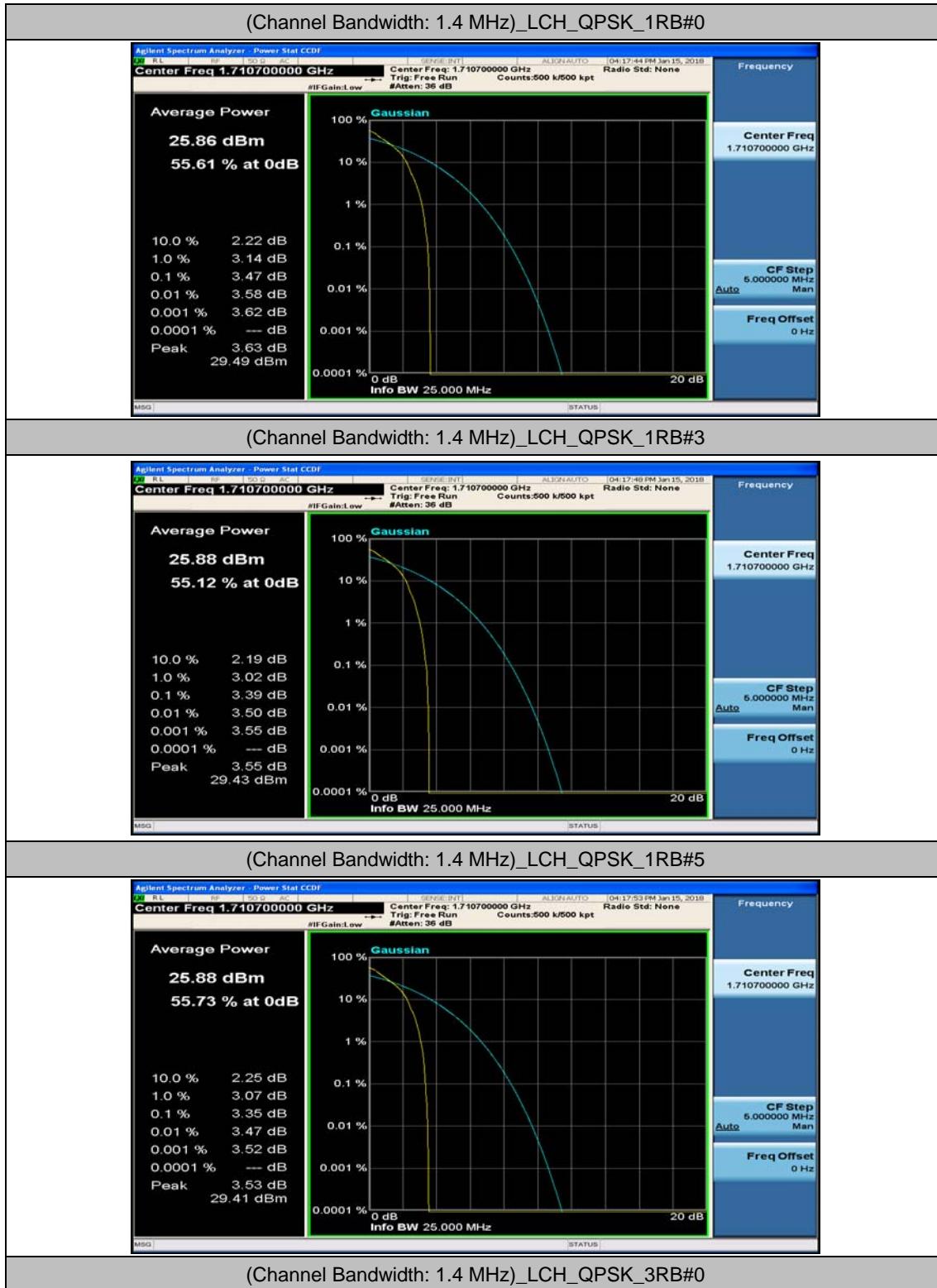
### Channel Bandwidth: 20 MHz

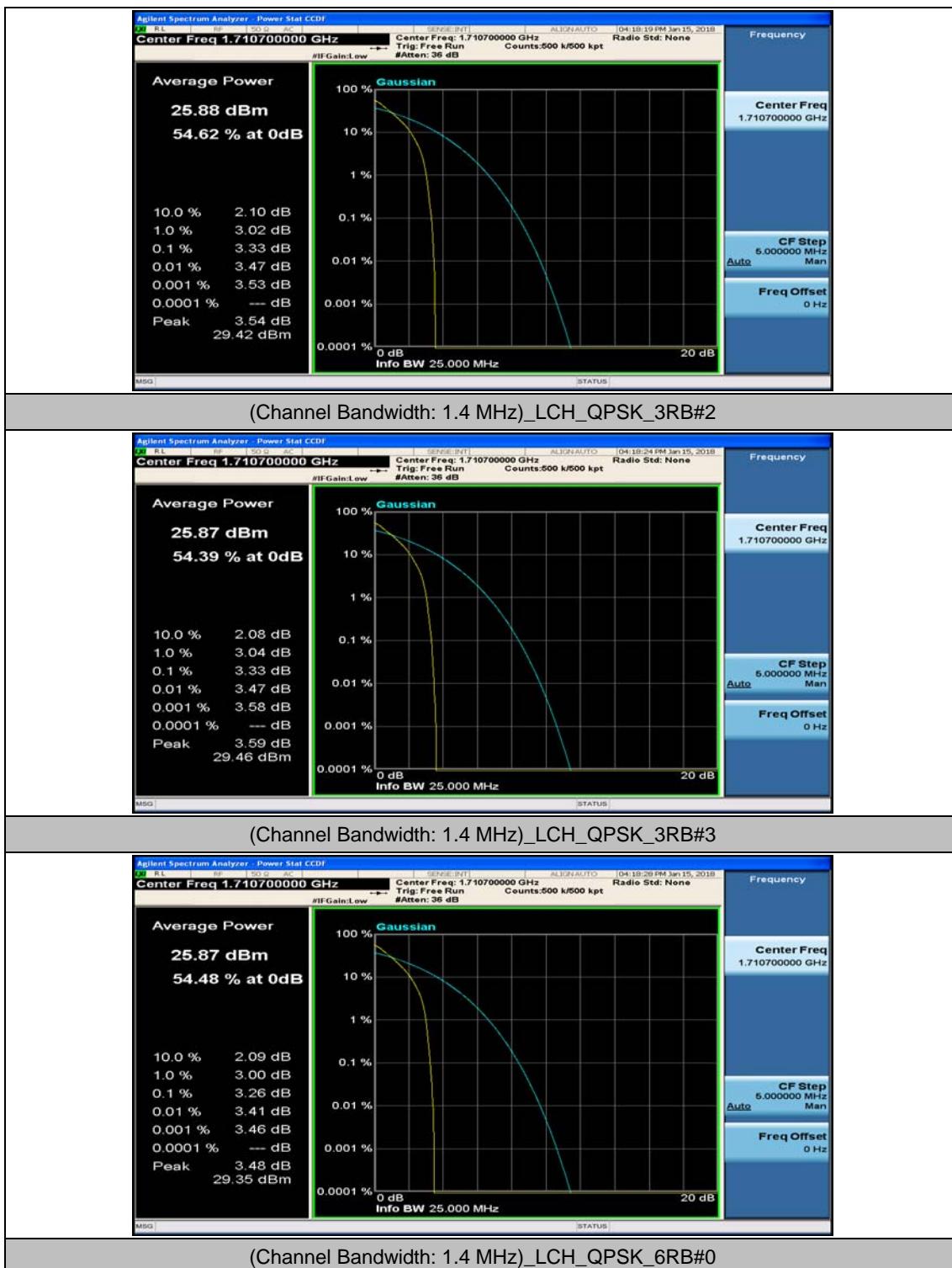
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.25	<13	PASS
		1	49	4.81	<13	PASS

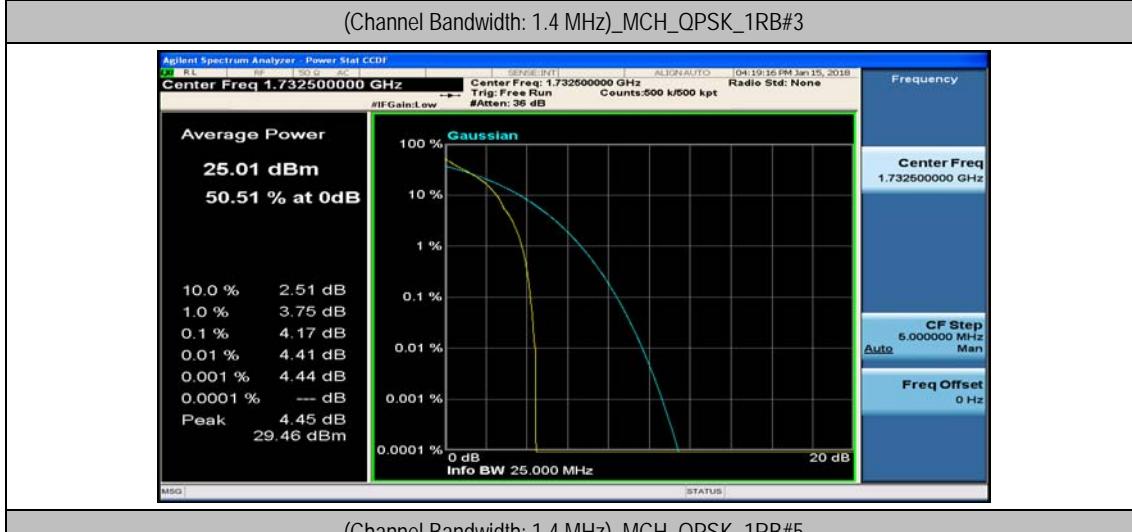
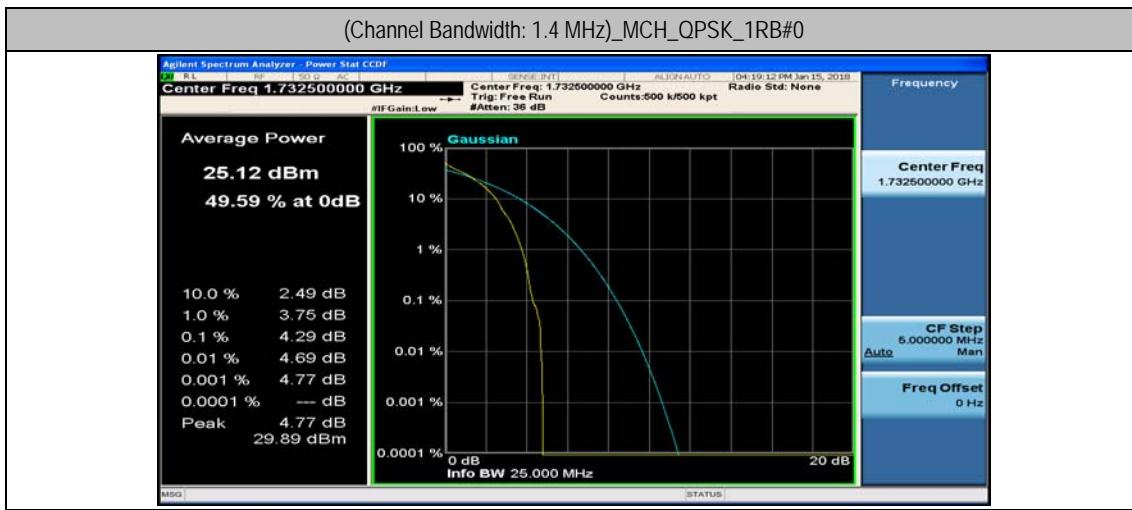
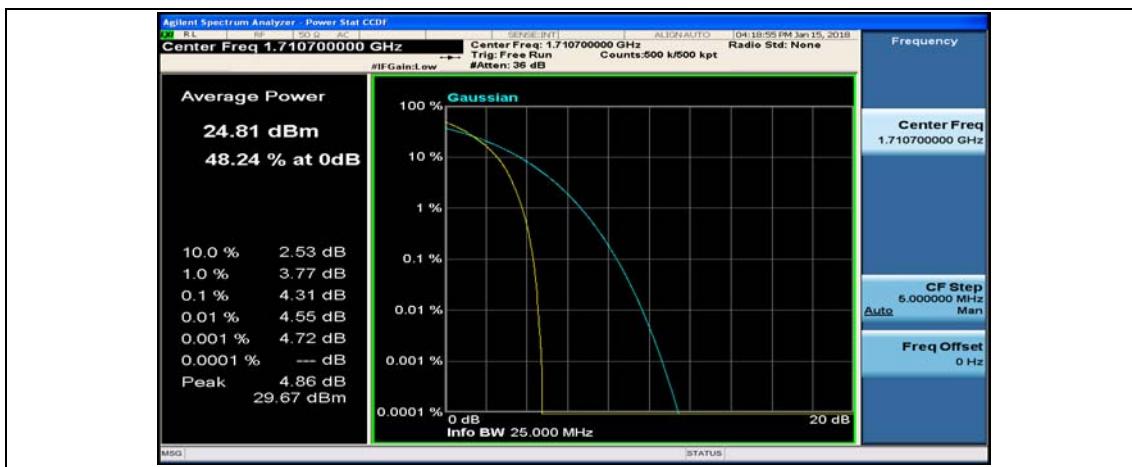
		1	99	4.8	<13	PASS
		50	0	5.54	<13	PASS
		50	25	5.7	<13	PASS
		50	50	5.67	<13	PASS
		100	0	5.72	<13	PASS
	MCH	1	0	4.95	<13	PASS
		1	49	4.66	<13	PASS
		1	99	4.59	<13	PASS
		50	0	5.64	<13	PASS
		50	25	5.63	<13	PASS
		50	50	5.6	<13	PASS
		100	0	5.73	<13	PASS
	HCH	1	0	4.78	<13	PASS
		1	49	4.59	<13	PASS
		1	99	4.11	<13	PASS
		50	0	5.59	<13	PASS
		50	25	5.52	<13	PASS
		50	50	5.4	<13	PASS
		100	0	5.67	<13	PASS
16QAM	LCH	1	0	5.18	<13	PASS
		1	49	5.69	<13	PASS
		1	99	5.56	<13	PASS
		50	0	6.33	<13	PASS
		50	25	6.47	<13	PASS
		50	50	6.57	<13	PASS
		100	0	6.5	<13	PASS
	MCH	1	0	5.64	<13	PASS
		1	49	5.39	<13	PASS
		1	99	5.44	<13	PASS
		50	0	6.48	<13	PASS
		50	25	6.45	<13	PASS
		50	50	6.56	<13	PASS
		100	0	6.61	<13	PASS
	HCH	1	0	5.52	<13	PASS
		1	49	5.25	<13	PASS
		1	99	4.96	<13	PASS
		50	0	6.42	<13	PASS
		50	25	6.27	<13	PASS
		50	50	6.23	<13	PASS
		100	0	6.43	<13	PASS

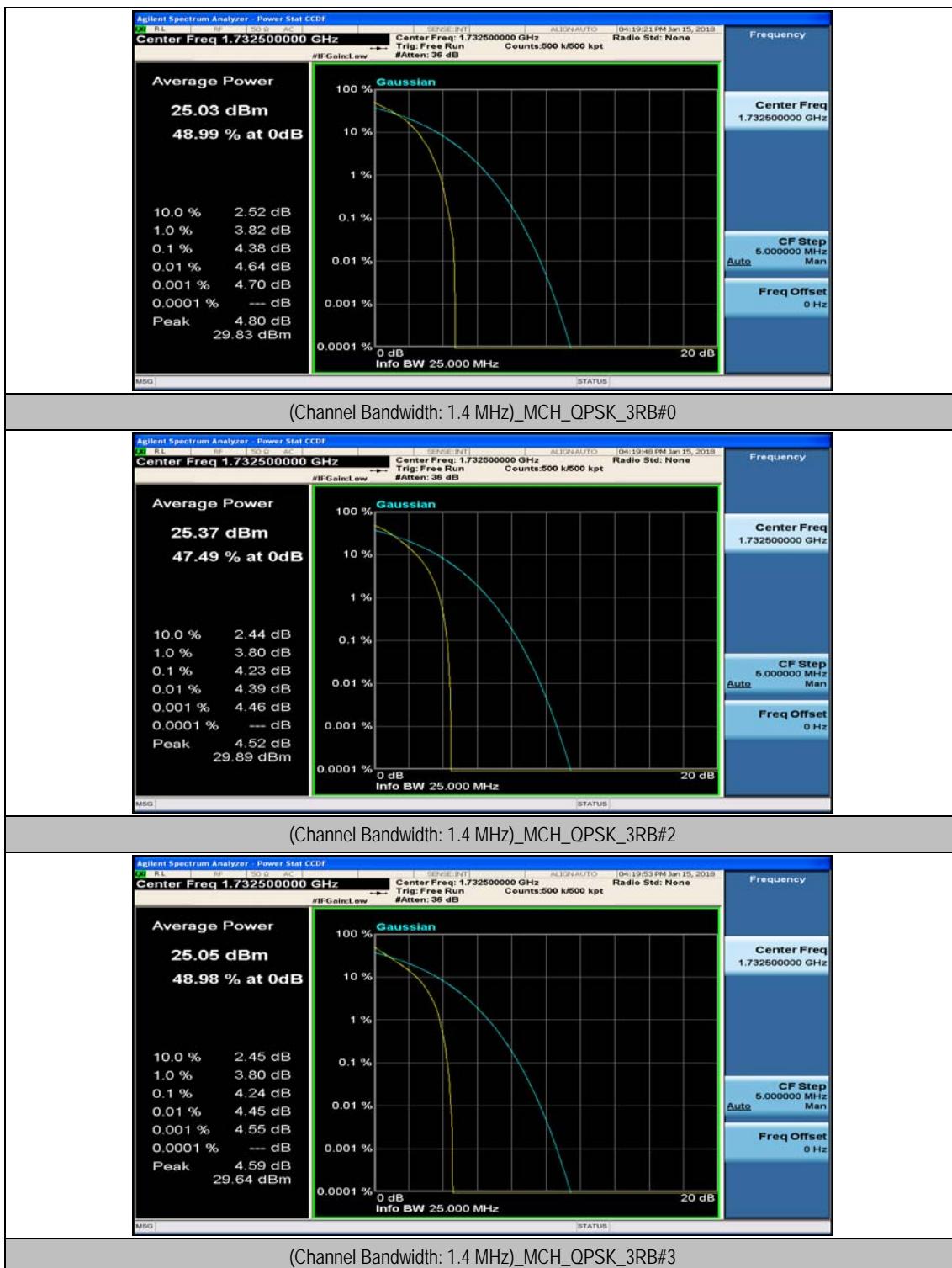
## Test Graphs

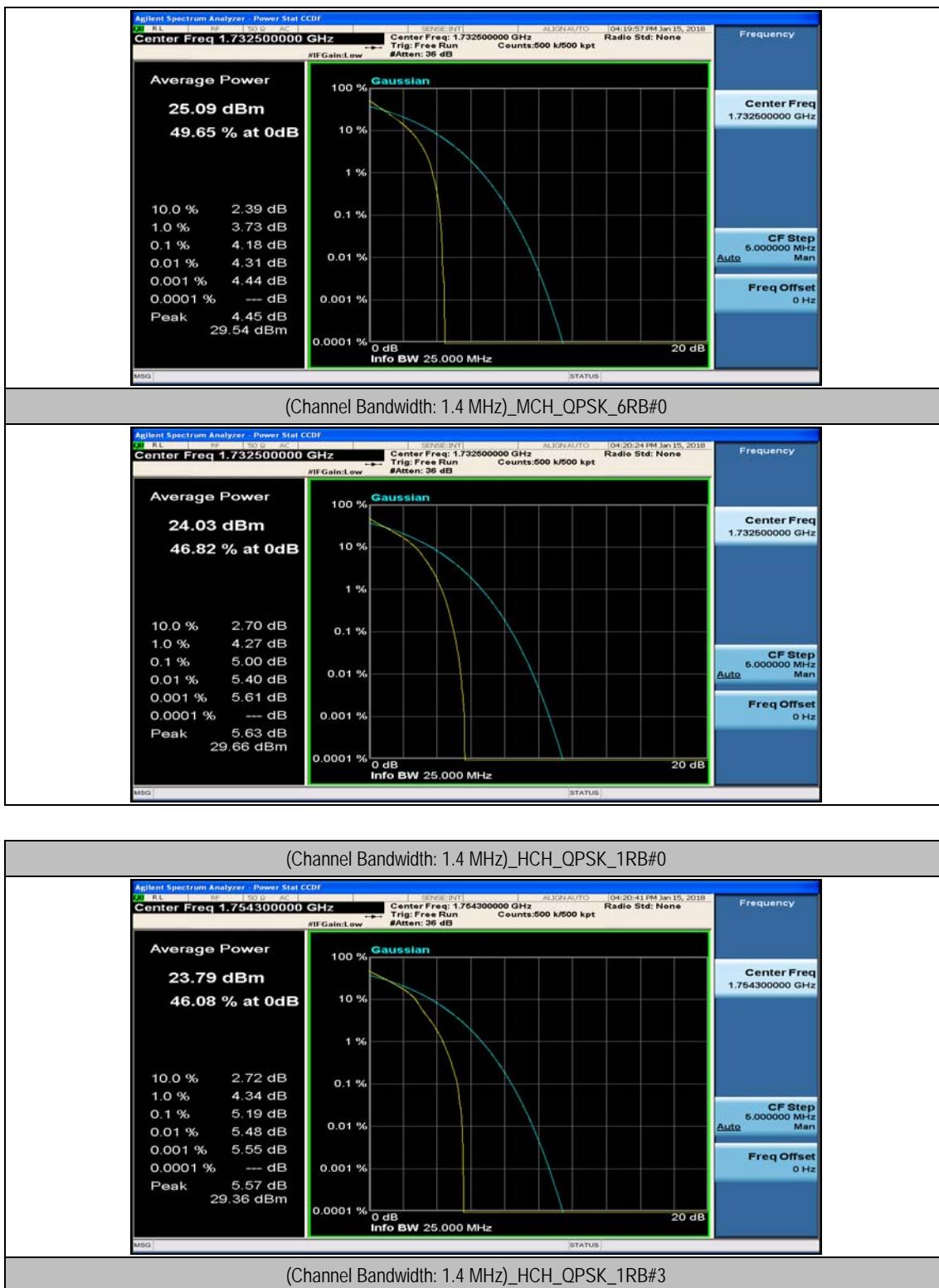
### Channel Bandwidth: 1.4 MHz

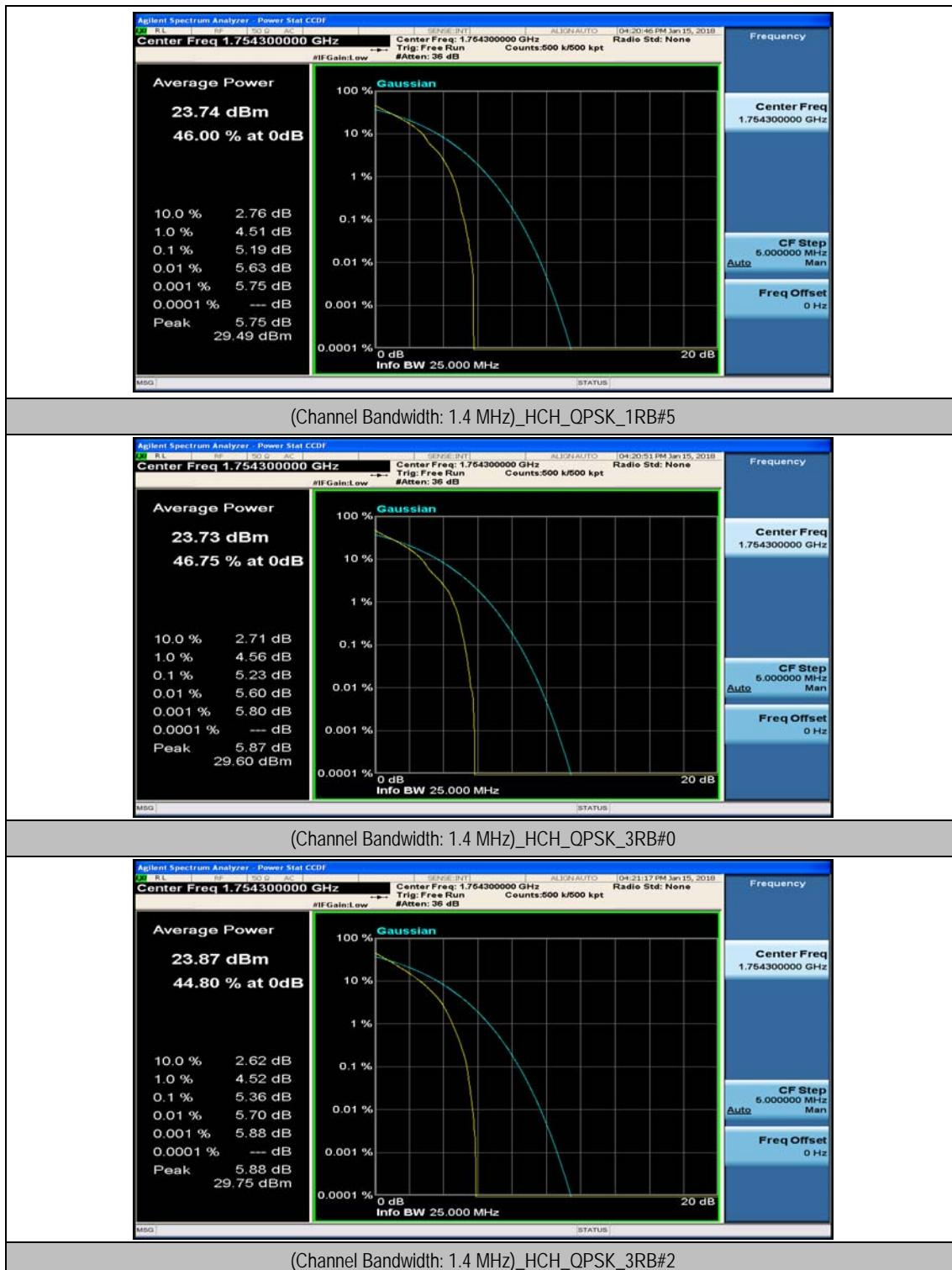


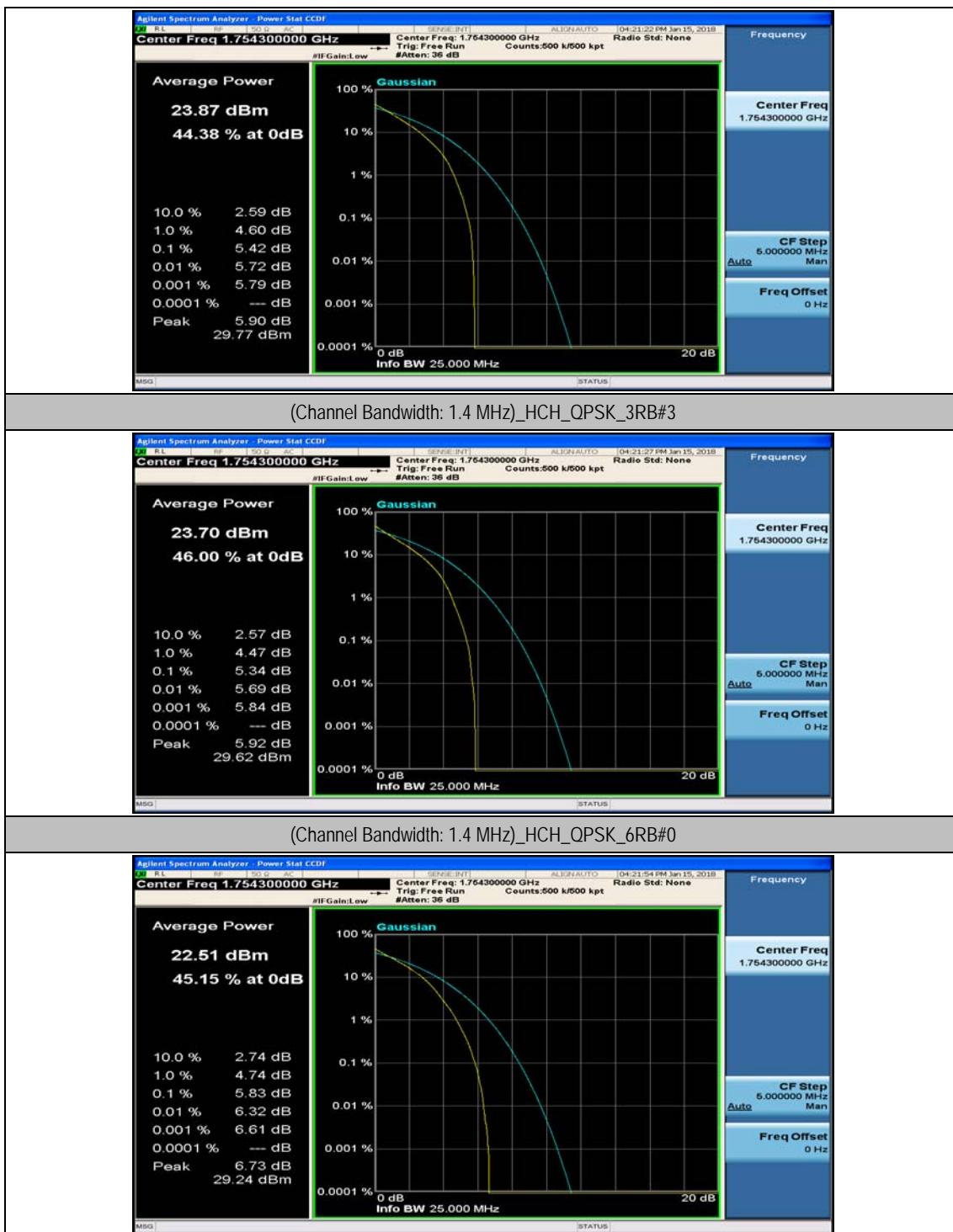


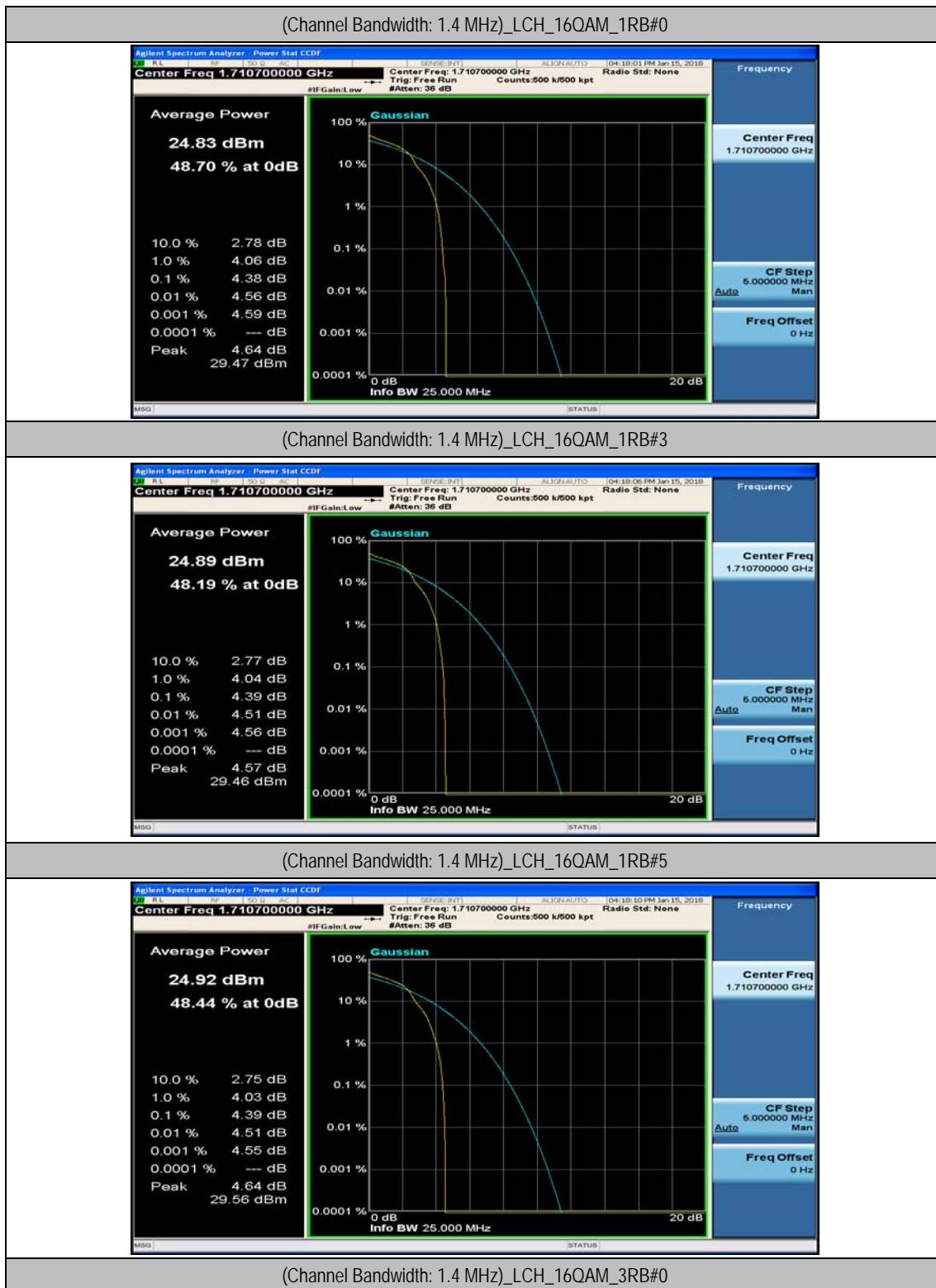


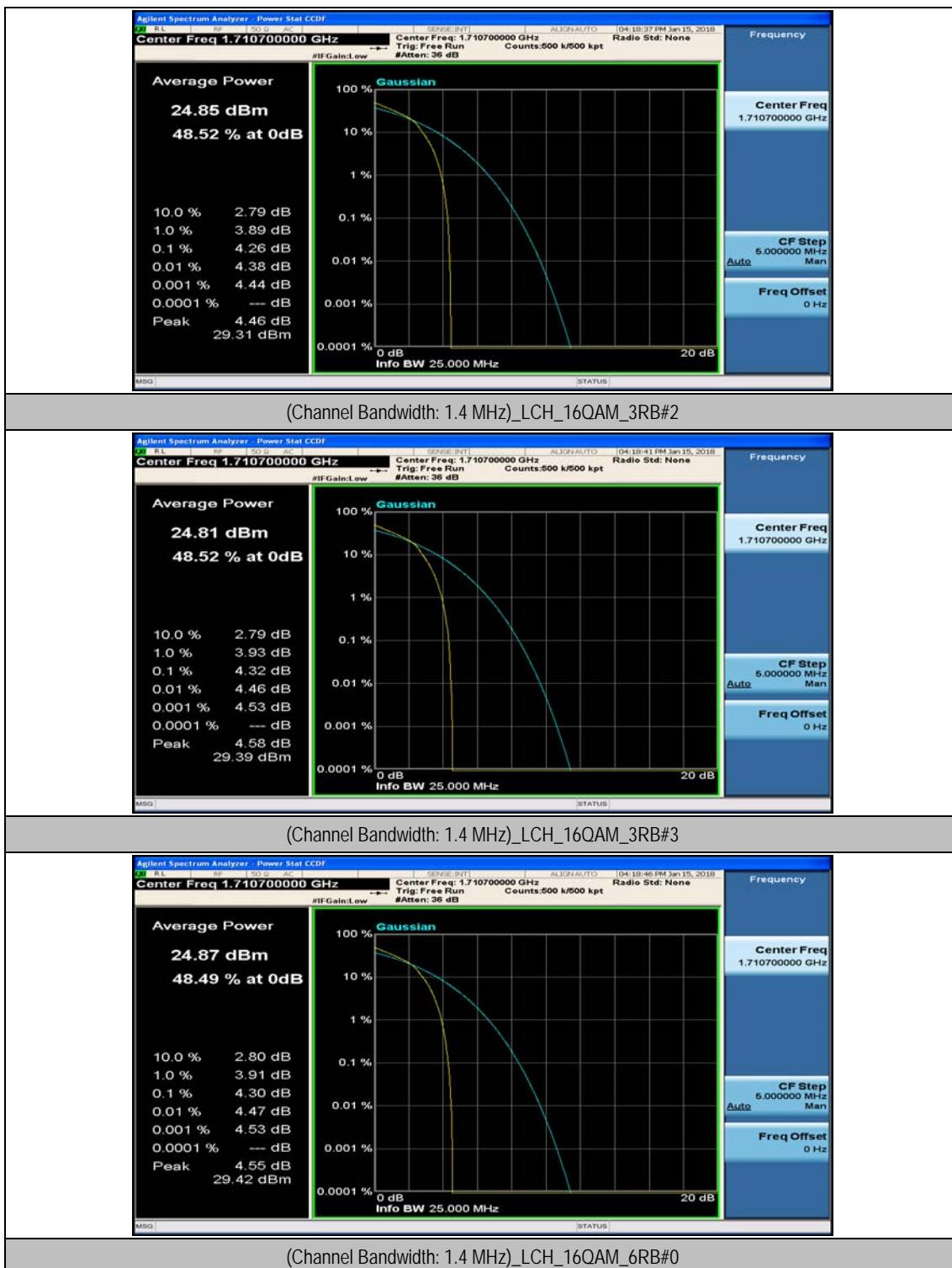


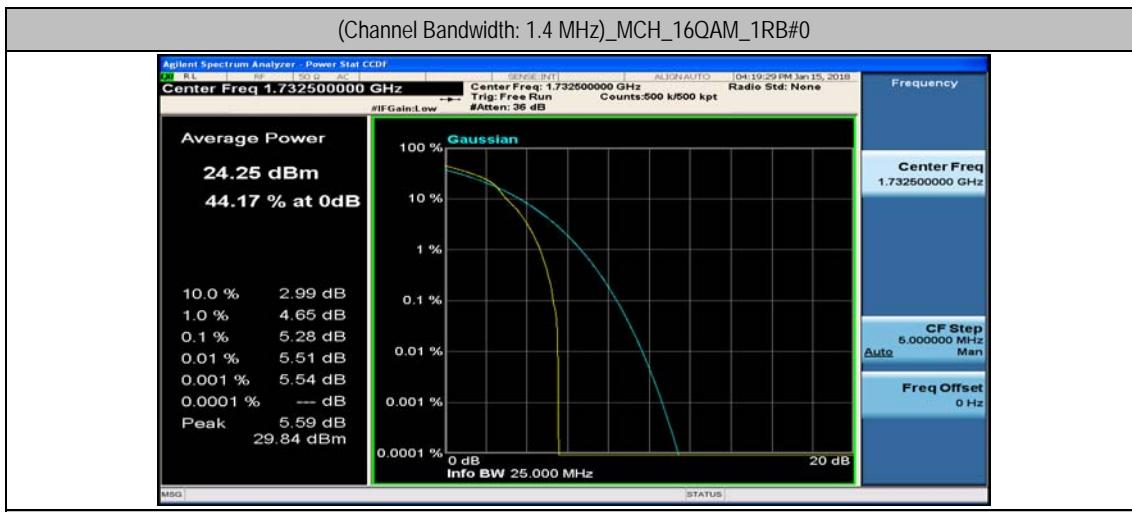
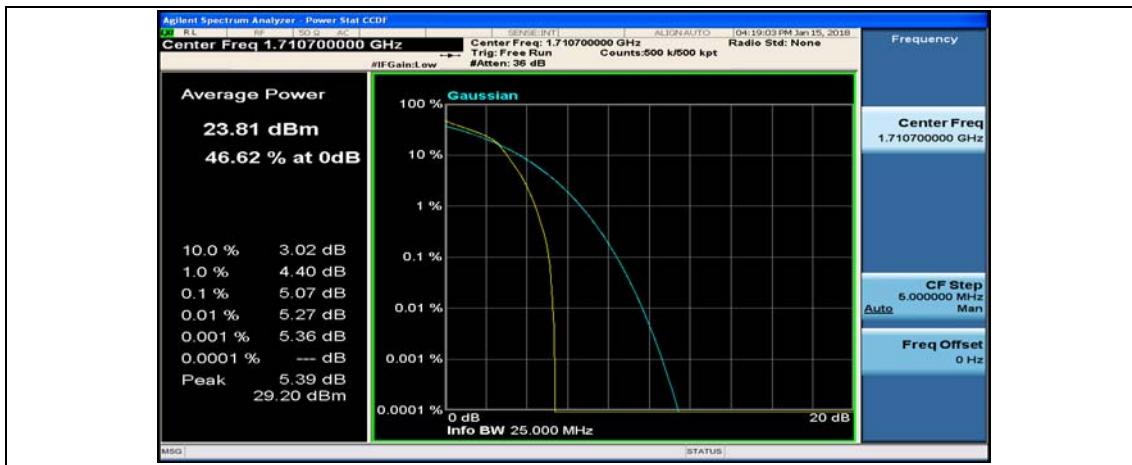


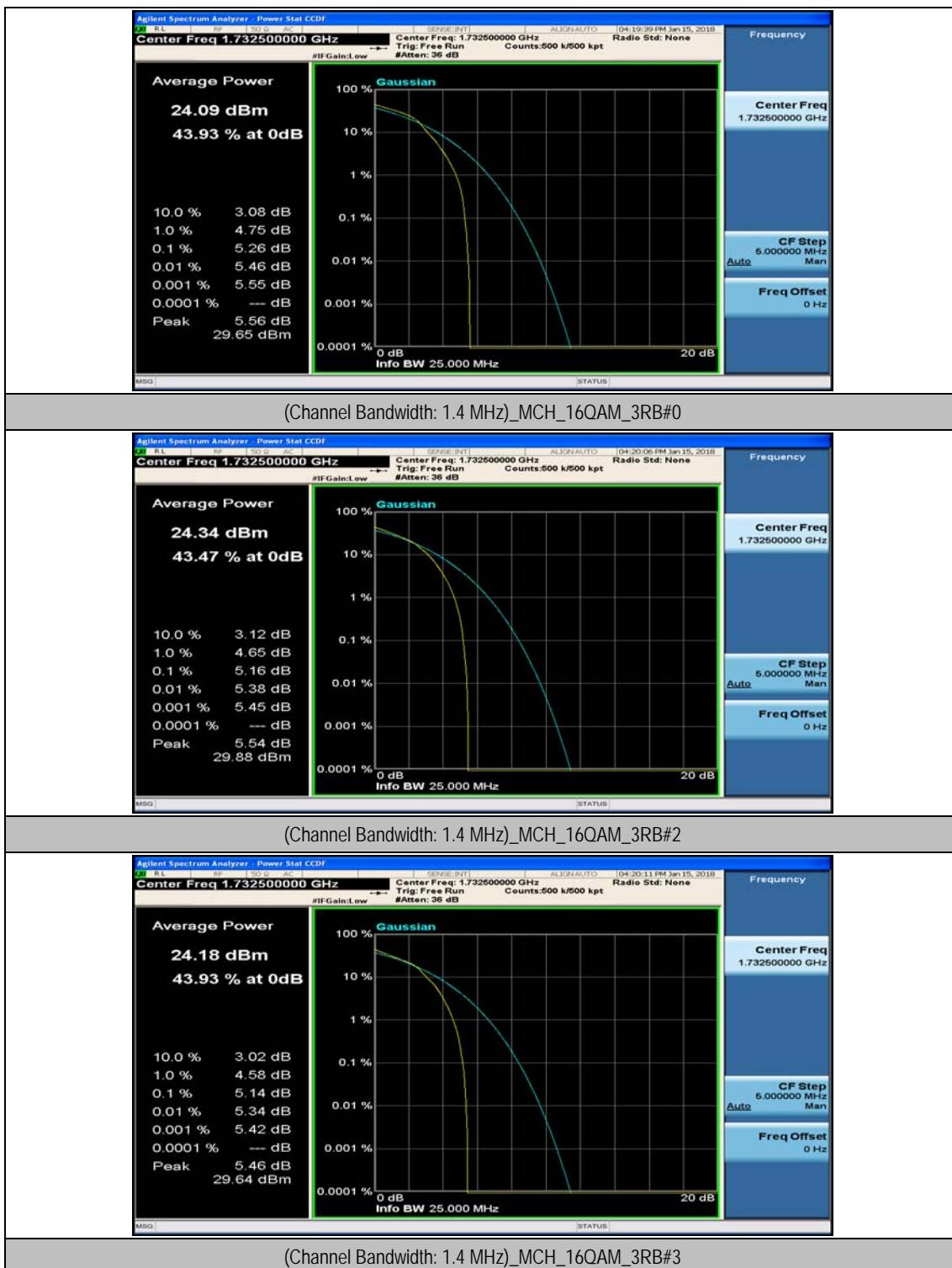


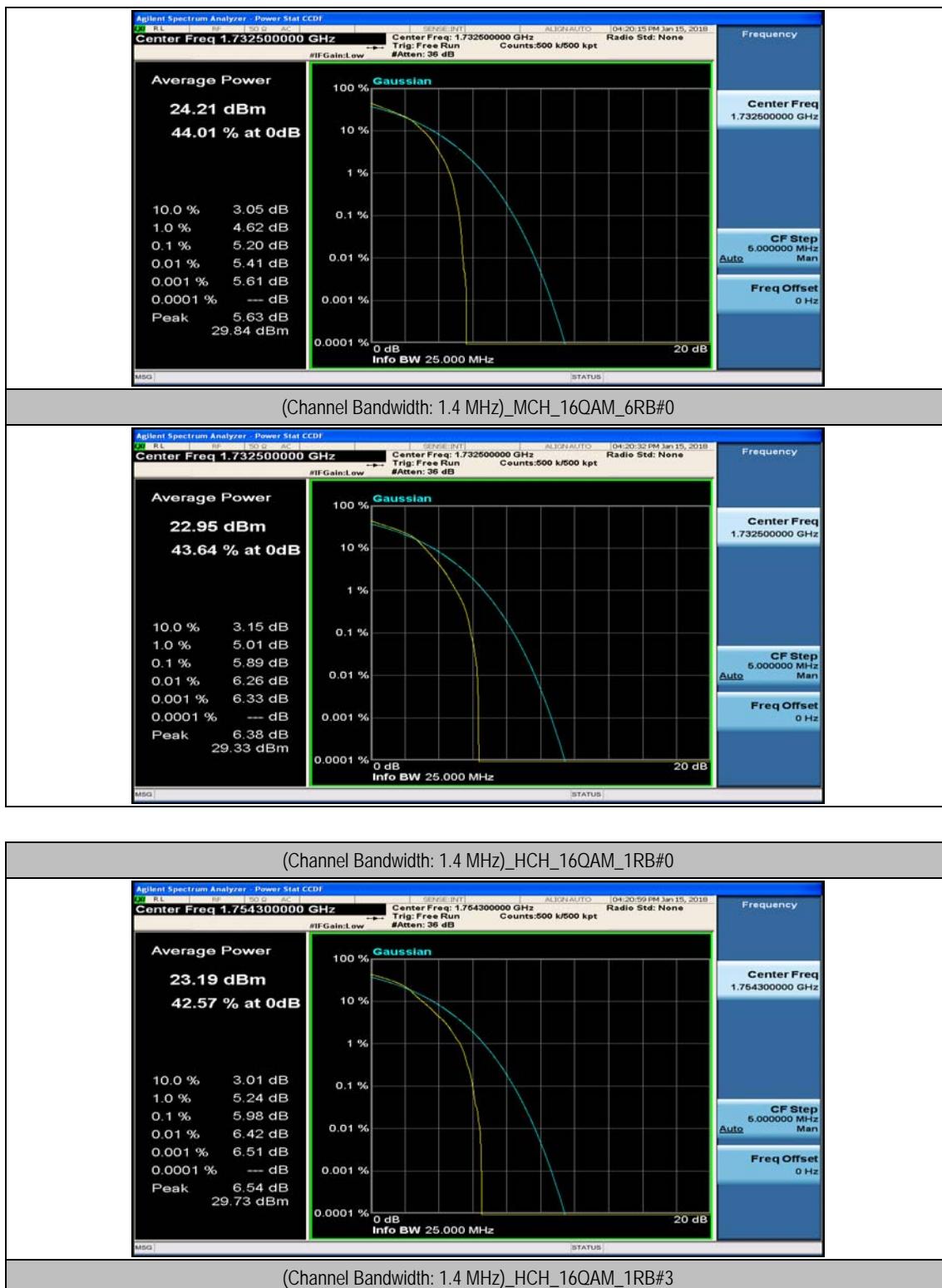


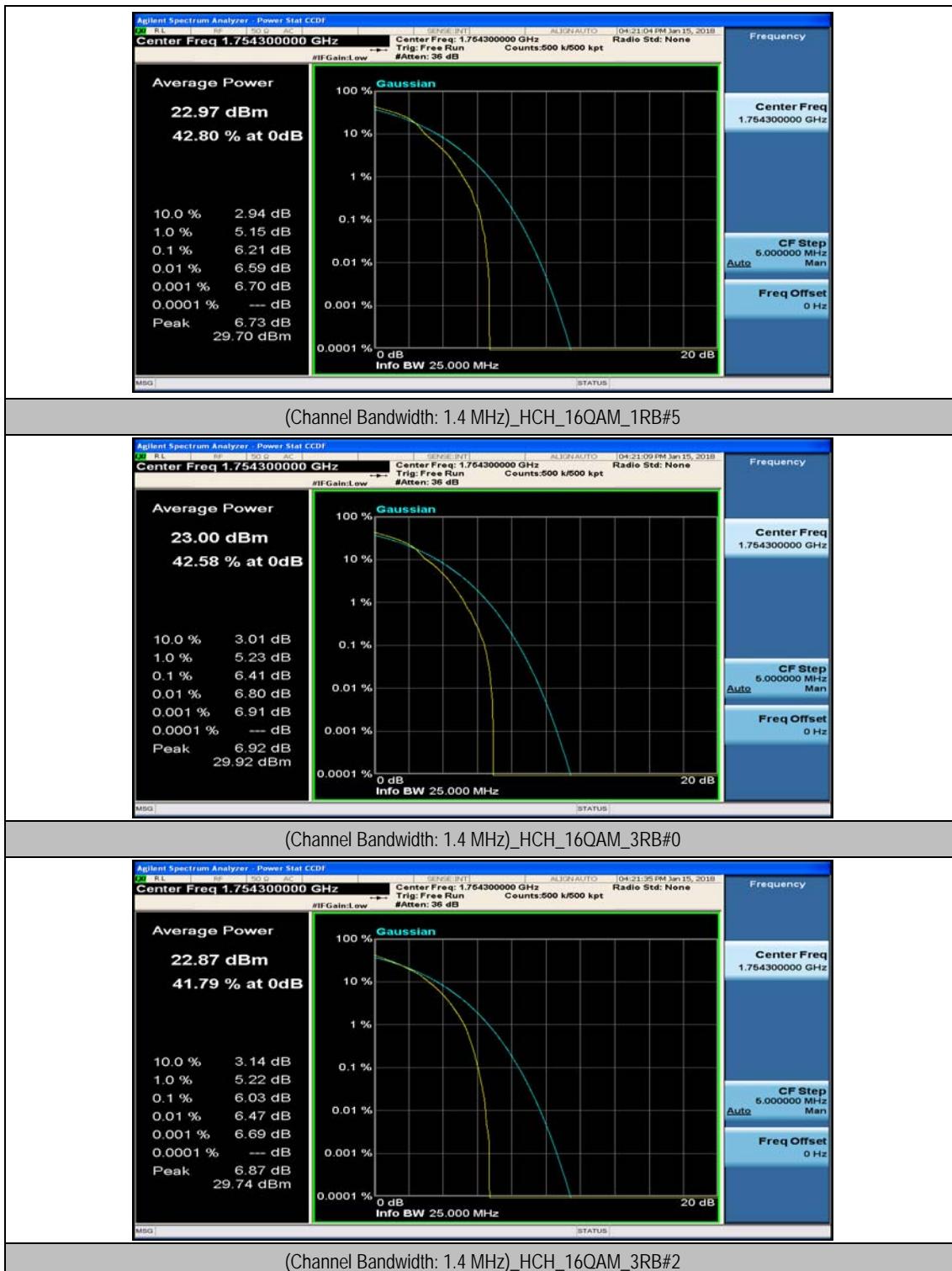


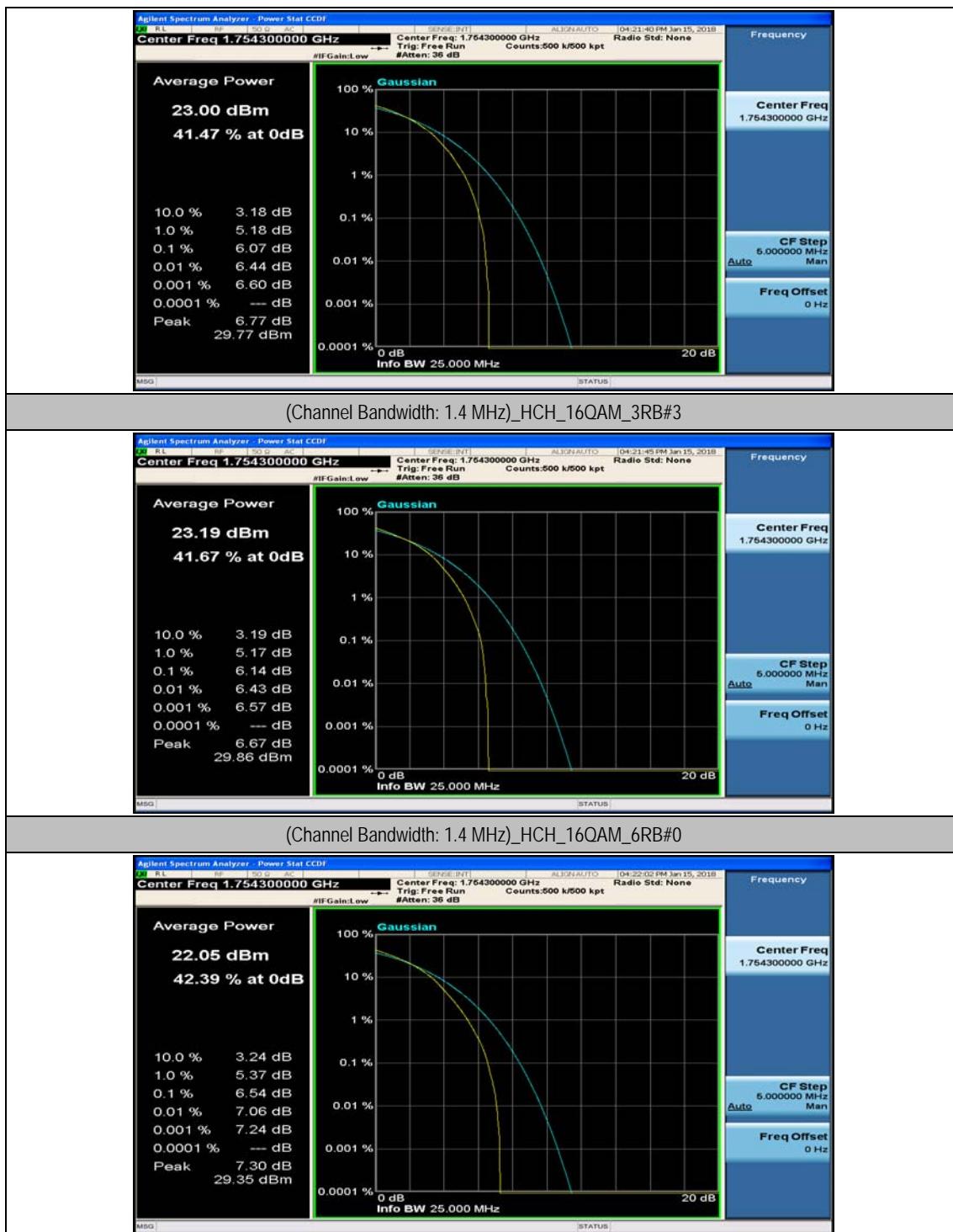




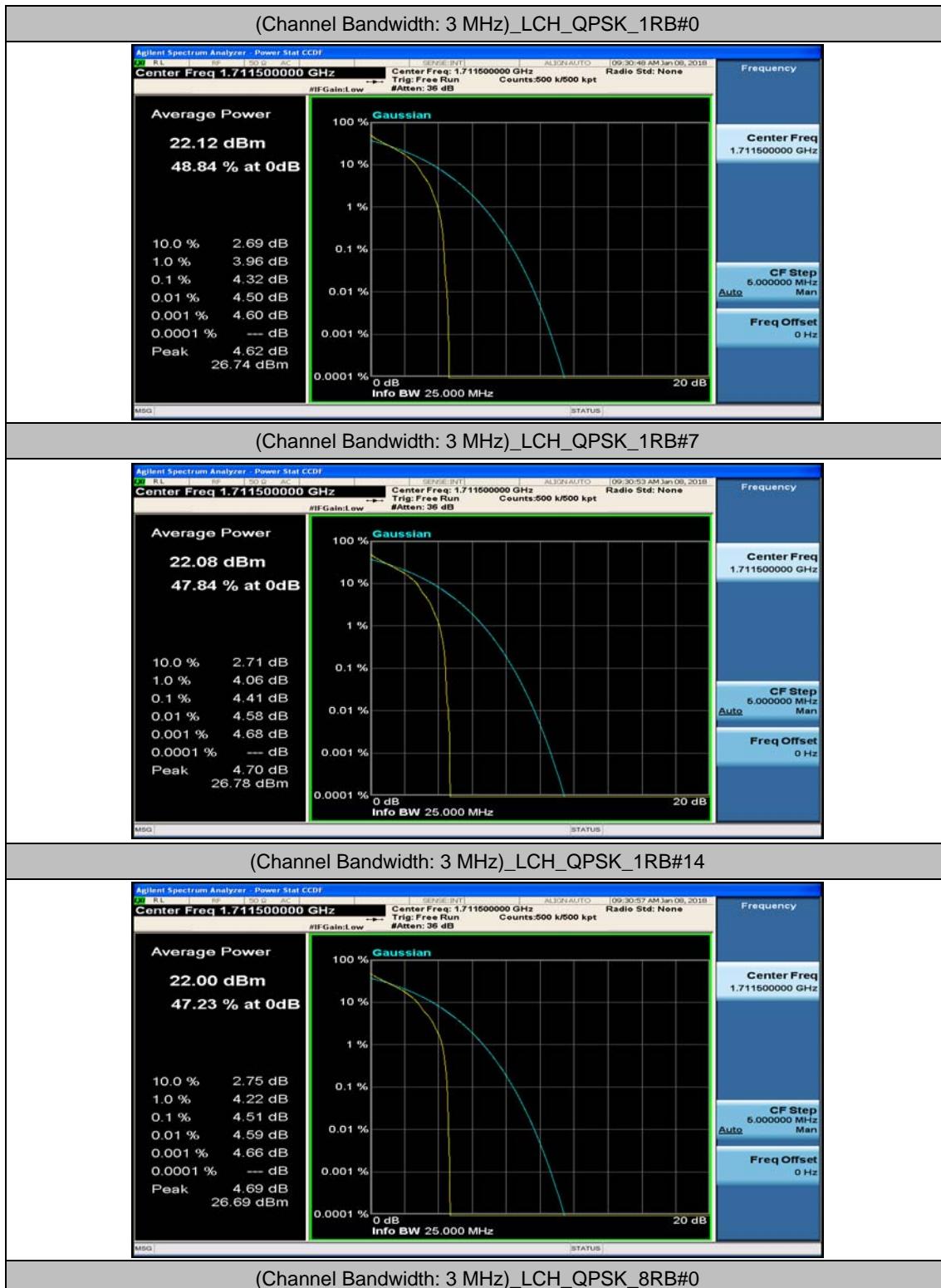


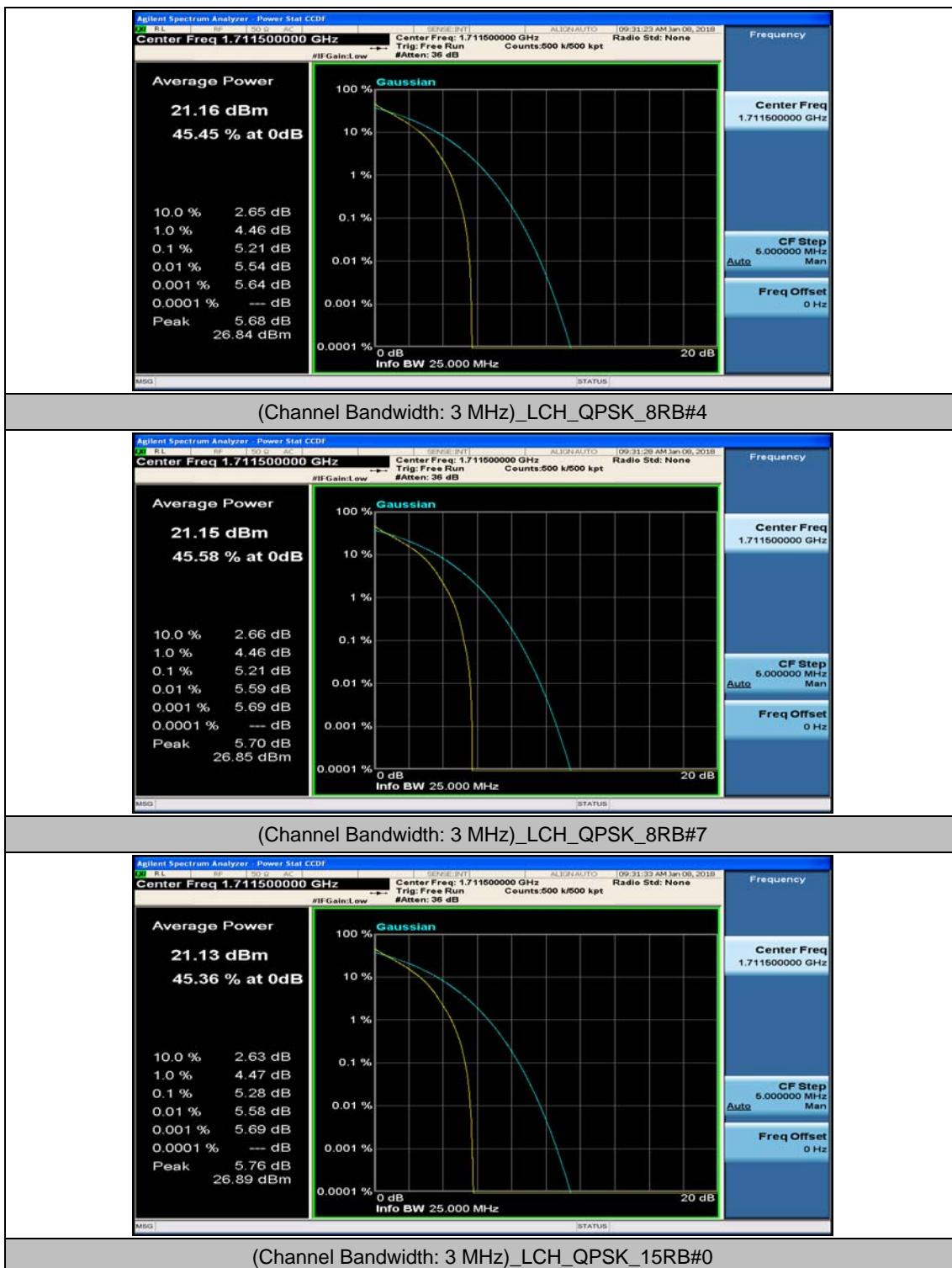


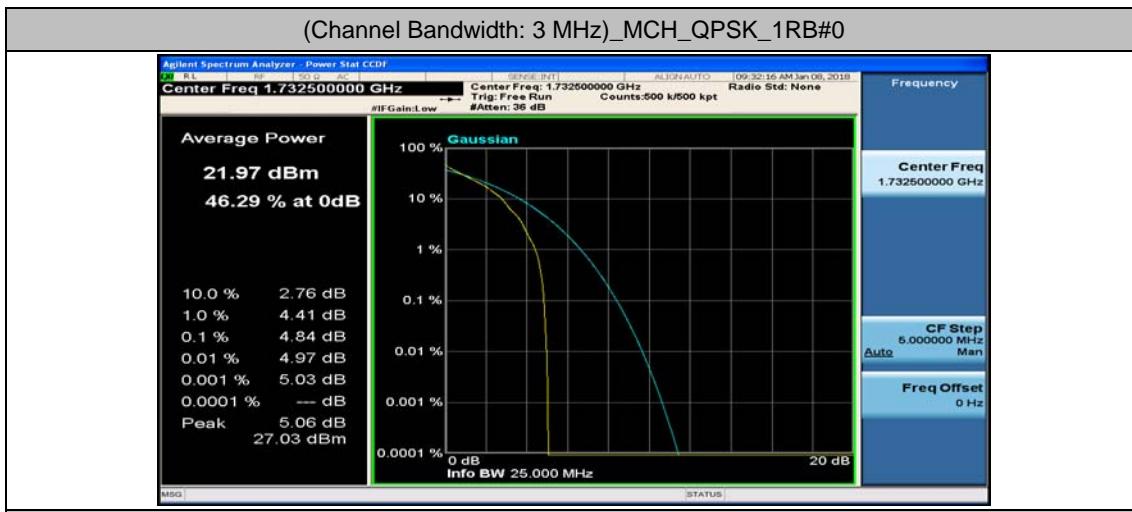
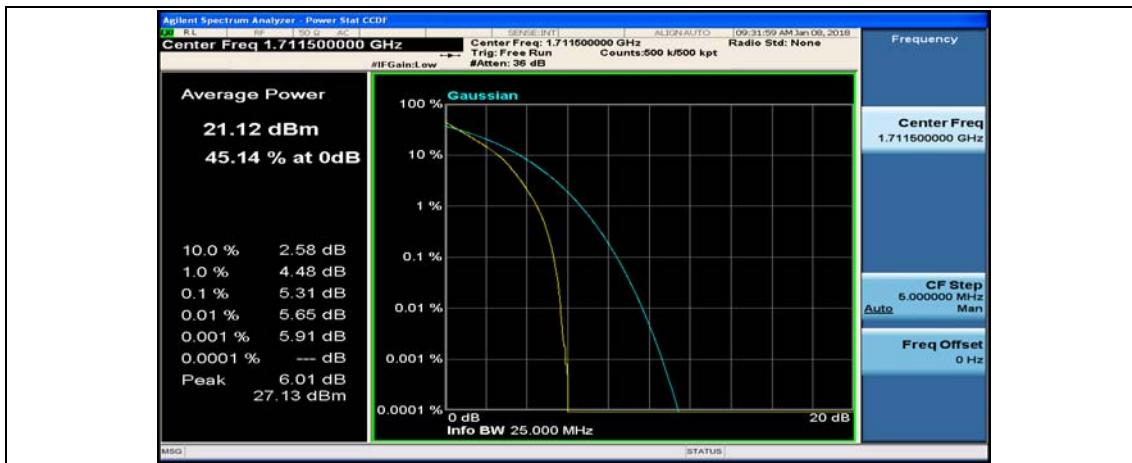


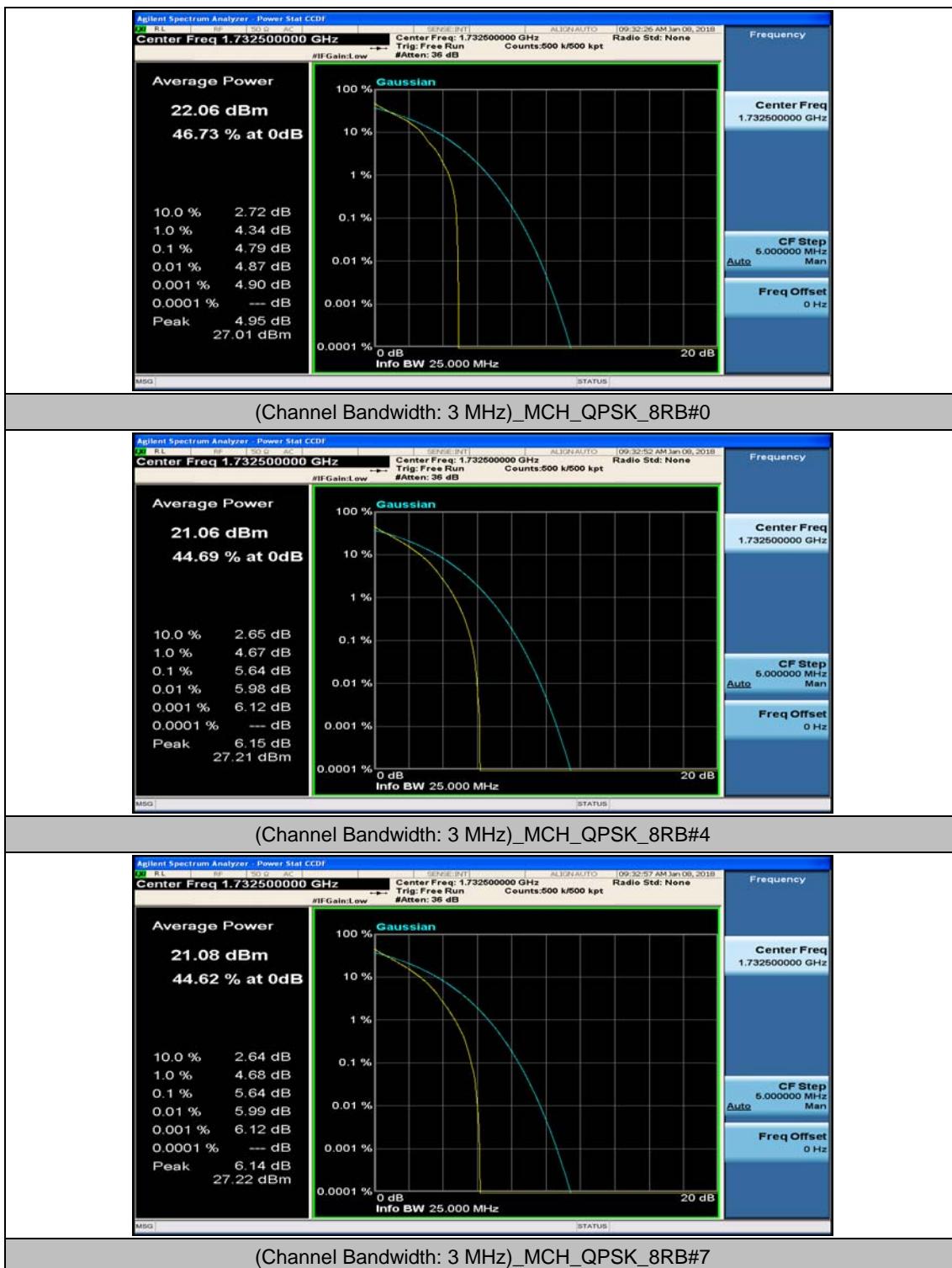


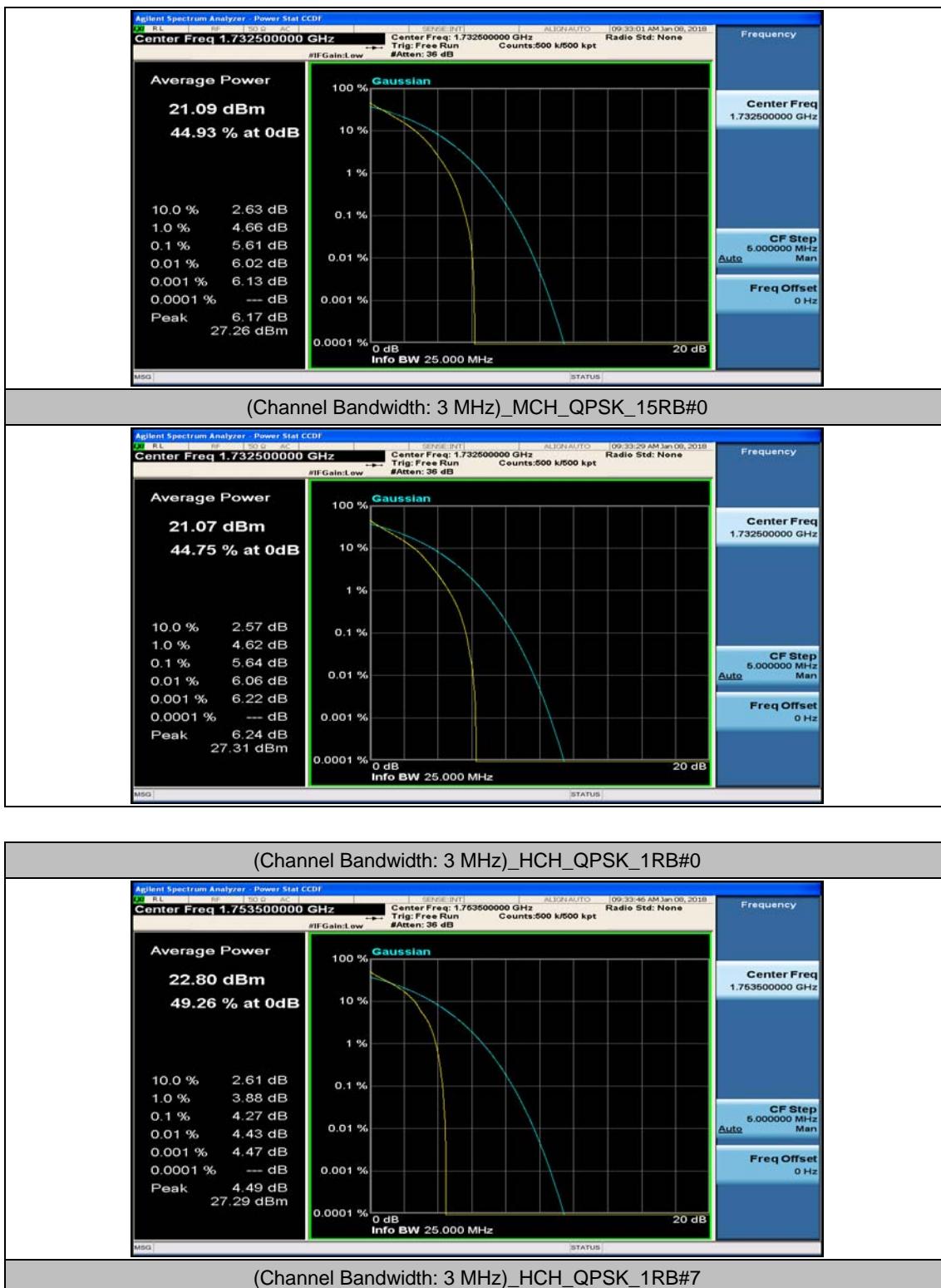
## Channel Bandwidth: 3 MHz

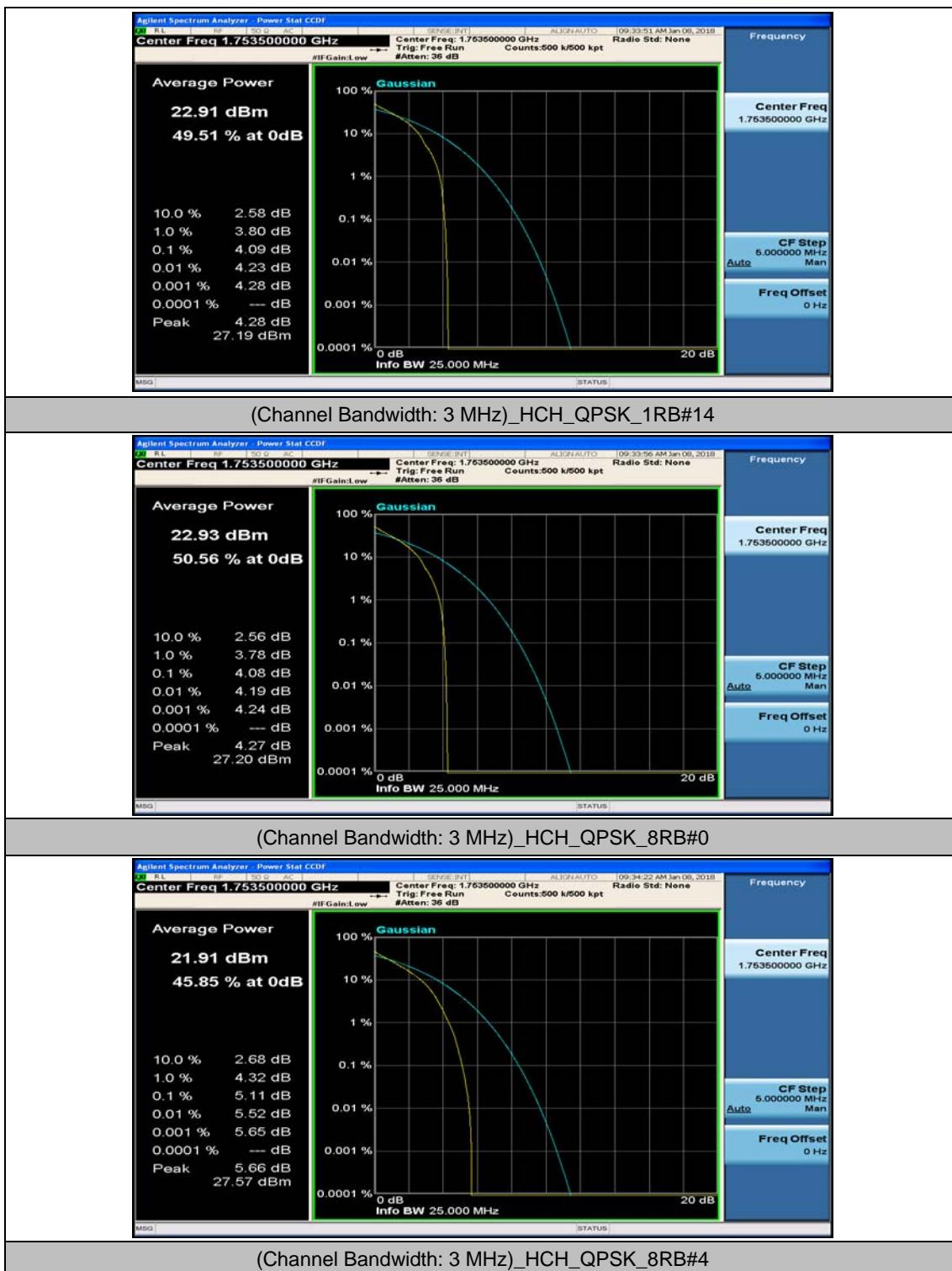


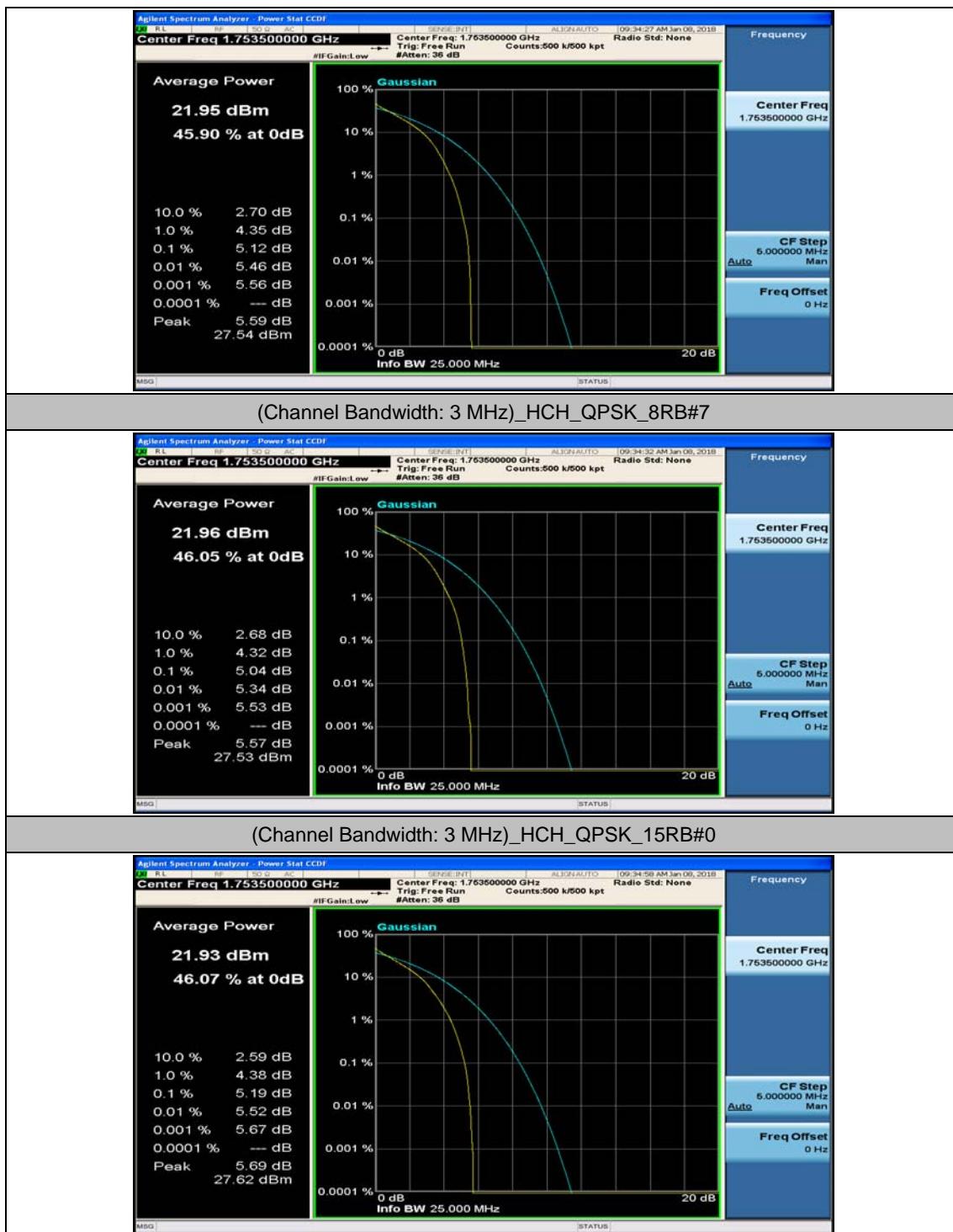


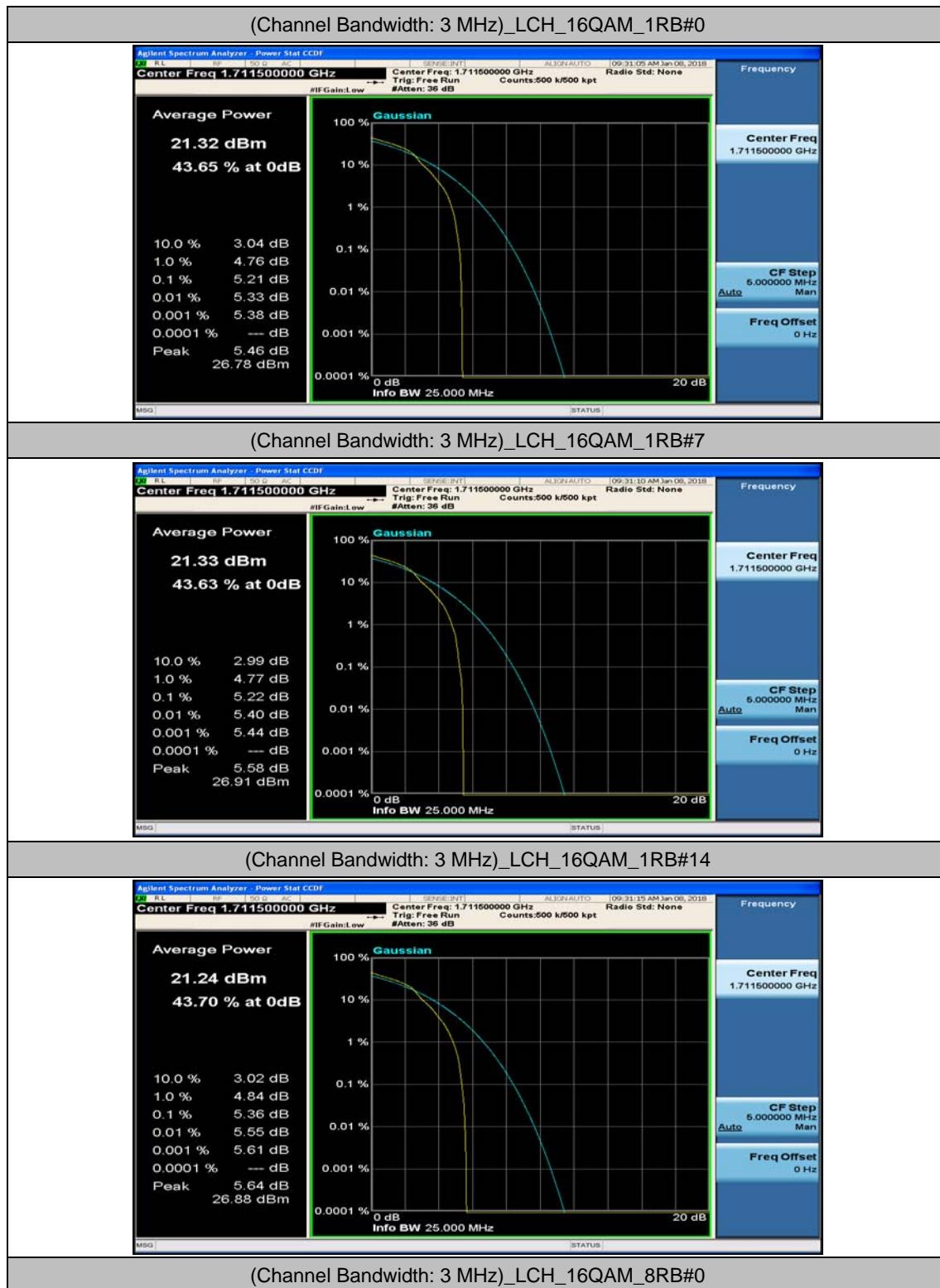


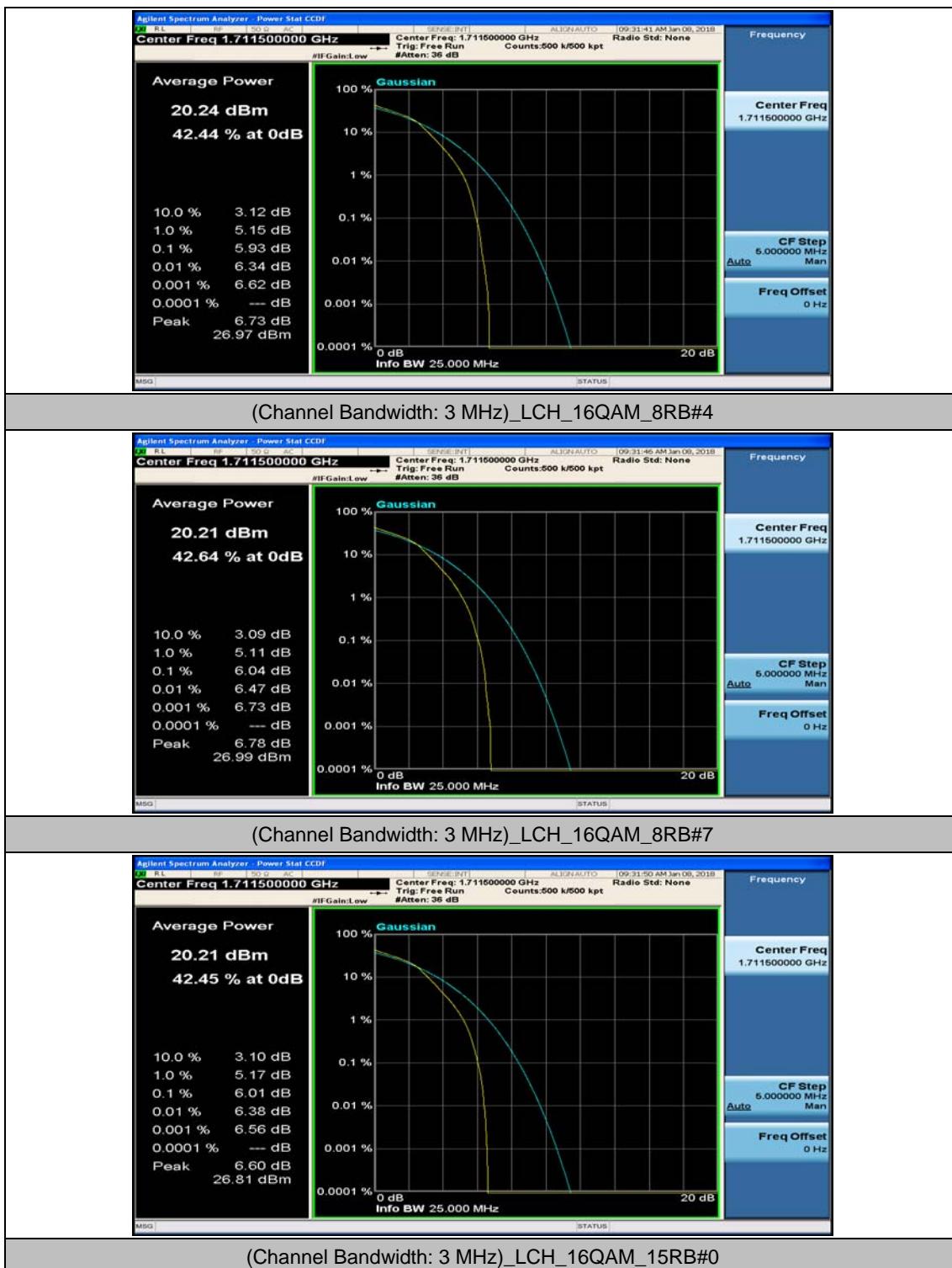


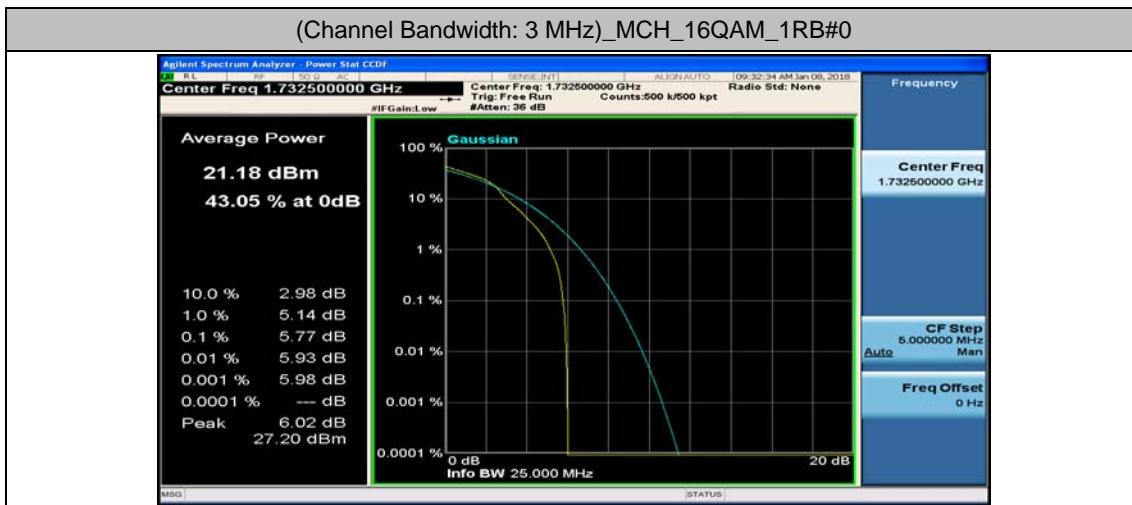
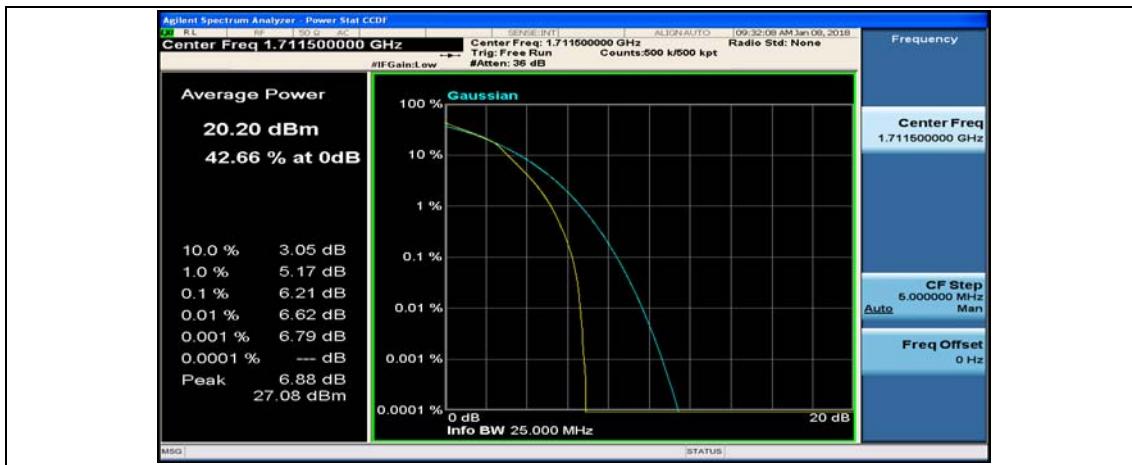




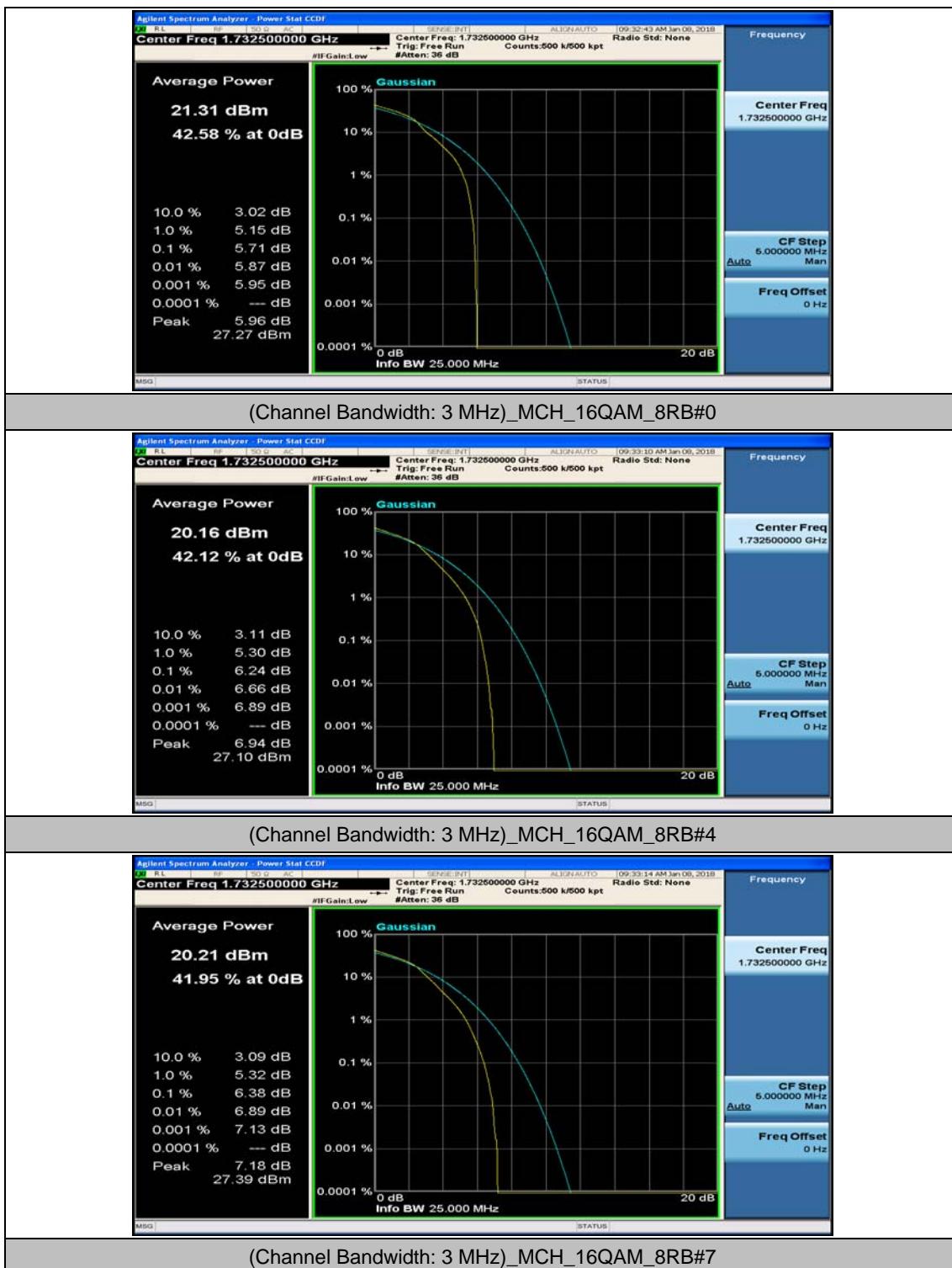


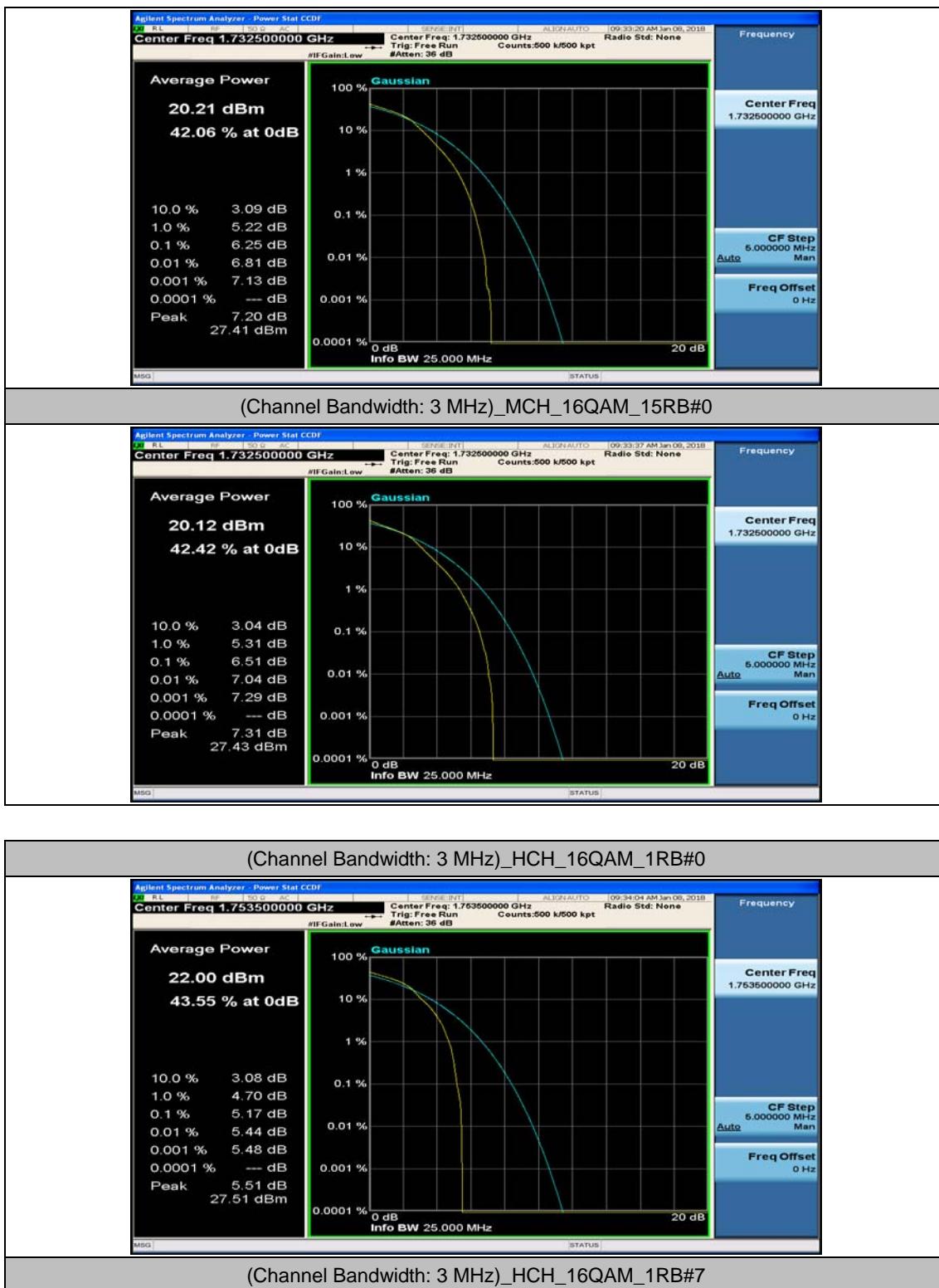


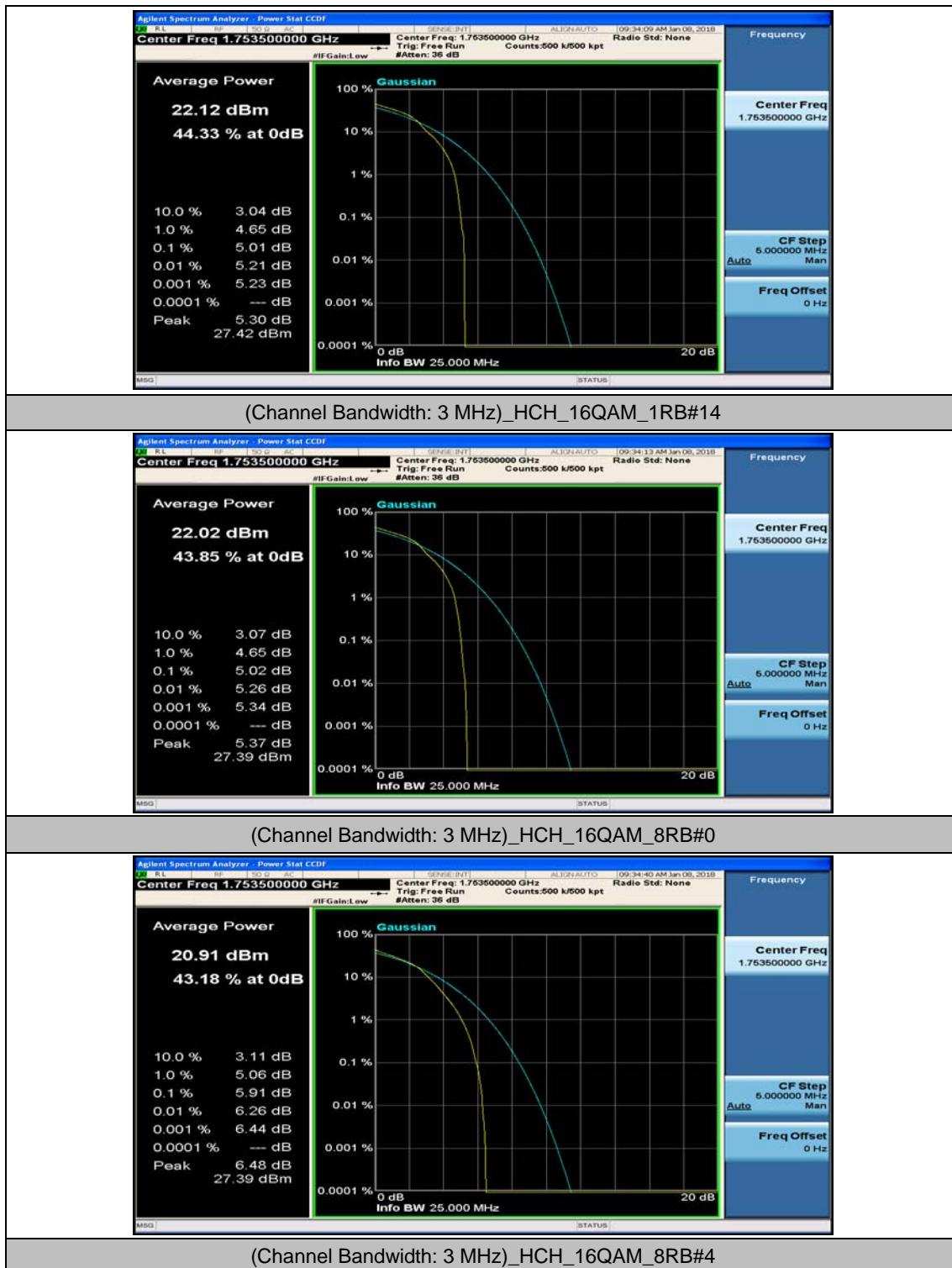


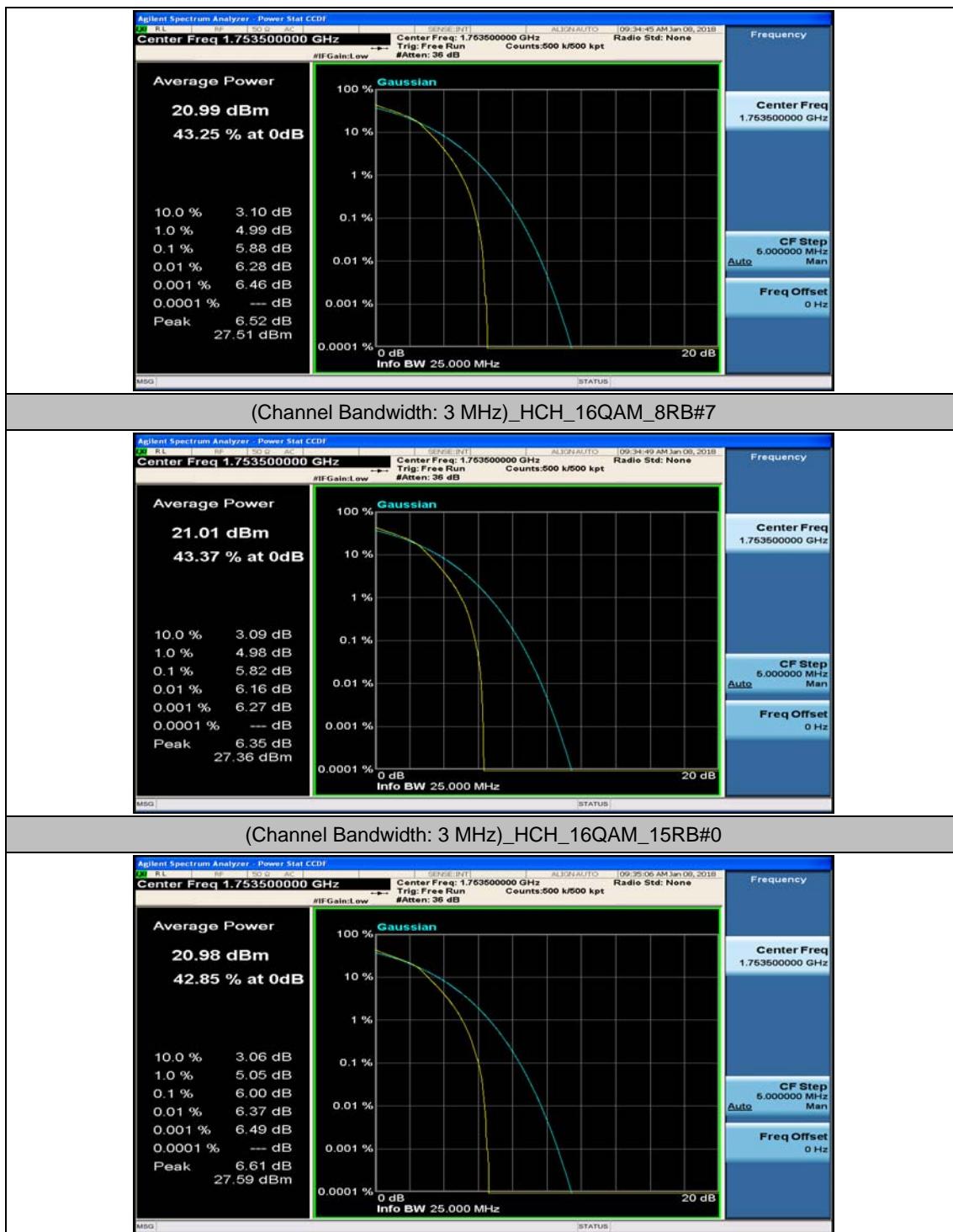


**(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_1RB#14**









## Channel Bandwidth: 5 MHz

