

## Appendix for Band 25

### 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	23.08	PASS
		1	3	23.18	PASS
		1	5	23.10	PASS
		3	0	22.19	PASS
		3	2	22.22	PASS
		3	3	22.22	PASS
		6	0	22.15	PASS
	MCH	1	0	22.79	PASS
		1	3	22.90	PASS
		1	5	22.77	PASS
		3	0	22.59	PASS
		3	2	22.58	PASS
		3	3	22.55	PASS
		6	0	21.85	PASS
16QAM	LCH	1	0	22.53	PASS
		1	3	22.66	PASS
		1	5	22.54	PASS
		3	0	22.44	PASS
		3	2	22.43	PASS
		3	3	22.48	PASS
		6	0	21.38	PASS
	MCH	1	0	22.36	PASS
		1	3	22.49	PASS
		1	5	22.33	PASS
		3	0	22.32	PASS
		3	2	22.31	PASS
		3	3	22.27	PASS
		6	0	21.10	PASS

		3	2	21.86	PASS
		3	3	21.88	PASS
		6	0	20.76	PASS
HCH	HCH	1	0	21.74	PASS
		1	3	21.91	PASS
		1	5	21.71	PASS
		3	0	21.39	PASS
		3	2	21.60	PASS
		3	3	21.54	PASS
		6	0	20.64	PASS

### Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.16	PASS
		1	7	23.37	PASS
		1	14	23.19	PASS
		8	0	22.19	PASS
		8	4	22.24	PASS
		8	7	22.16	PASS
		15	0	22.17	PASS
	MCH	1	0	22.84	PASS
		1	7	23.07	PASS
		1	14	22.85	PASS
		8	0	21.89	PASS
		8	4	21.89	PASS
		8	7	21.82	PASS
		15	0	21.80	PASS
	HCH	1	0	22.66	PASS
		1	7	22.88	PASS
		1	14	22.63	PASS
		8	0	21.66	PASS
		8	4	21.68	PASS
		8	7	21.62	PASS
		15	0	21.63	PASS
16QAM	LCH	1	0	22.43	PASS
		1	7	22.67	PASS
		1	14	22.50	PASS
		8	0	21.22	PASS
		8	4	21.29	PASS
		8	7	21.20	PASS
		15	0	21.13	PASS

	MCH	1	0	22.25	PASS
		1	7	22.34	PASS
		1	14	22.21	PASS
		8	0	20.89	PASS
		8	4	20.84	PASS
		8	7	20.82	PASS
		15	0	20.82	PASS
	HCH	1	0	21.84	PASS
		1	7	21.96	PASS
		1	14	21.75	PASS
		8	0	20.59	PASS
		8	4	20.62	PASS
		8	7	20.56	PASS
		15	0	20.57	PASS

### Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.14	PASS
		1	12	23.48	PASS
		1	24	23.14	PASS
		12	0	22.24	PASS
		12	6	22.22	PASS
		12	13	22.18	PASS
		25	0	22.16	PASS
	MCH	1	0	22.85	PASS
		1	12	23.30	PASS
		1	24	22.76	PASS
		12	0	21.92	PASS
		12	6	21.90	PASS
		12	13	21.76	PASS
		25	0	21.86	PASS
	HCH	1	0	22.59	PASS
		1	12	22.91	PASS
		1	24	22.59	PASS
		12	0	21.75	PASS
		12	6	21.70	PASS
		12	13	21.62	PASS
		25	0	21.68	PASS
16QAM	LCH	1	0	22.41	PASS
		1	12	22.69	PASS
		1	24	22.41	PASS

		12	0	21.27	PASS
		12	6	21.27	PASS
		12	13	21.19	PASS
		25	0	21.20	PASS
MCH	MCH	1	0	22.01	PASS
		1	12	22.27	PASS
		1	24	21.98	PASS
		12	0	21.00	PASS
		12	6	21.03	PASS
		12	13	20.86	PASS
		25	0	20.87	PASS
HCH	HCH	1	0	21.75	PASS
		1	12	22.04	PASS
		1	24	21.71	PASS
		12	0	20.73	PASS
		12	6	20.66	PASS
		12	13	20.59	PASS
		25	0	20.69	PASS

## Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.17	PASS
		1	24	23.29	PASS
		1	49	23.08	PASS
		25	0	22.28	PASS
		25	12	22.20	PASS
		25	25	22.18	PASS
		50	0	22.23	PASS
	MCH	1	0	22.86	PASS
		1	24	23.00	PASS
		1	49	22.71	PASS
		25	0	21.93	PASS
		25	12	21.88	PASS
		25	25	21.75	PASS
		50	0	21.81	PASS
	HCH	1	0	22.60	PASS
		1	24	22.77	PASS
		1	49	22.55	PASS
		25	0	21.78	PASS
		25	12	21.64	PASS
		25	25	21.48	PASS

		50	0	21.69	PASS
16QAM	LCH	1	0	22.43	PASS
		1	24	22.61	PASS
		1	49	22.39	PASS
		25	0	21.31	PASS
		25	12	21.27	PASS
		25	25	21.22	PASS
		50	0	21.27	PASS
	MCH	1	0	22.28	PASS
		1	24	22.34	PASS
		1	49	22.17	PASS
		25	0	20.98	PASS
		25	12	20.90	PASS
		25	25	20.83	PASS
		50	0	20.94	PASS
	HCH	1	0	21.82	PASS
		1	24	22.05	PASS
		1	49	21.76	PASS
		25	0	20.83	PASS
		25	12	20.65	PASS
		25	25	20.47	PASS
		50	0	20.69	PASS

### Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.08	PASS
		1	37	23.23	PASS
		1	74	22.90	PASS
		37	0	22.24	PASS
		37	18	22.21	PASS
		37	38	22.16	PASS
		75	0	22.19	PASS
	MCH	1	0	22.83	PASS
		1	37	23.09	PASS
		1	74	22.63	PASS
		37	0	21.99	PASS
		37	18	21.93	PASS
		37	38	21.79	PASS
		75	0	21.91	PASS
	HCH	1	0	22.69	PASS
		1	37	22.82	PASS

		1	74	22.51	PASS
		37	0	21.68	PASS
		37	18	21.71	PASS
		37	38	21.52	PASS
		75	0	21.57	PASS
16QAM	LCH	1	0	22.35	PASS
		1	37	22.66	PASS
		1	74	22.19	PASS
		37	0	21.23	PASS
		37	18	21.17	PASS
		37	38	21.10	PASS
		75	0	21.16	PASS
	MCH	1	0	22.14	PASS
		1	37	22.23	PASS
		1	74	21.93	PASS
		37	0	20.94	PASS
		37	18	20.91	PASS
		37	38	20.81	PASS
		75	0	20.91	PASS
	HCH	1	0	21.91	PASS
		1	37	22.05	PASS
		1	74	21.68	PASS
		37	0	20.57	PASS
		37	18	20.65	PASS
		37	38	20.44	PASS
		75	0	20.60	PASS

### Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.50	PASS
		1	49	23.36	PASS
		1	99	22.95	PASS
		50	0	22.65	PASS
		50	25	22.63	PASS
		50	50	22.61	PASS
		100	0	22.17	PASS
	MCH	1	0	22.93	PASS
		1	49	23.26	PASS
		1	99	22.65	PASS
		50	0	21.91	PASS
		50	25	21.88	PASS

	HCH	50	50	21.67	PASS
		100	0	21.81	PASS
		1	0	23.25	PASS
		1	49	22.65	PASS
		1	99	22.36	PASS
		50	0	21.57	PASS
		50	25	21.58	PASS
		50	50	21.27	PASS
16QAM	LCH	100	0	21.41	PASS
		1	0	22.33	PASS
		1	49	22.56	PASS
		1	99	22.11	PASS
		50	0	21.19	PASS
		50	25	21.16	PASS
		50	50	21.18	PASS
	MCH	100	0	21.18	PASS
		1	0	22.27	PASS
		1	49	22.37	PASS
		1	99	22.01	PASS
		50	0	21.04	PASS
		50	25	20.92	PASS
		50	50	20.73	PASS
	HCH	100	0	20.79	PASS
		1	0	21.86	PASS
		1	49	21.97	PASS
		1	99	21.61	PASS
		50	0	20.62	PASS
		50	25	20.63	PASS
		50	50	20.89	PASS
		100	0	20.47	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	4.33	<13	PASS
		1	3	4.32	<13	PASS
		1	5	4.42	<13	PASS
		3	0	4.48	<13	PASS
		3	2	4.44	<13	PASS
		3	3	4.47	<13	PASS
		6	0	5.09	<13	PASS
	MCH	1	0	4.27	<13	PASS
		1	3	4.17	<13	PASS
		1	5	4.29	<13	PASS
		3	0	4.21	<13	PASS
		3	2	4.18	<13	PASS
		3	3	4.22	<13	PASS
		6	0	4.83	<13	PASS
16QAM	LCH	1	0	3.78	<13	PASS
		1	3	3.75	<13	PASS
		1	5	3.68	<13	PASS
		3	0	3.61	<13	PASS
		3	2	3.62	<13	PASS
		3	3	3.57	<13	PASS
		6	0	4.36	<13	PASS
	MCH	1	0	5.44	<13	PASS
		1	3	5.37	<13	PASS
		1	5	5.39	<13	PASS
		3	0	5.46	<13	PASS
		3	2	5.46	<13	PASS
		3	3	5.36	<13	PASS
		6	0	6.15	<13	PASS

		3	2	4.98	<13	PASS
		3	3	5.02	<13	PASS
		6	0	5.78	<13	PASS
HCH		1	0	4.77	<13	PASS
		1	3	4.65	<13	PASS
		1	5	4.65	<13	PASS
		3	0	4.69	<13	PASS
		3	2	4.6	<13	PASS
		3	3	4.6	<13	PASS
		6	0	5.34	<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	4.38	<13	PASS
		1	7	4.35	<13	PASS
		1	14	4.58	<13	PASS
		8	0	5.2	<13	PASS
		8	4	5.18	<13	PASS
		8	7	5.28	<13	PASS
		15	0	5.16	<13	PASS
	MCH	1	0	3.99	<13	PASS
		1	7	3.98	<13	PASS
		1	14	4.17	<13	PASS
		8	0	4.89	<13	PASS
		8	4	4.93	<13	PASS
		8	7	4.93	<13	PASS
		15	0	4.91	<13	PASS
	HCH	1	0	3.93	<13	PASS
		1	7	3.56	<13	PASS
		1	14	3.5	<13	PASS
		8	0	4.48	<13	PASS
		8	4	4.39	<13	PASS
		8	7	4.4	<13	PASS
		15	0	4.46	<13	PASS
16QAM	LCH	1	0	5.29	<13	PASS
		1	7	5.28	<13	PASS
		1	14	5.4	<13	PASS
		8	0	5.93	<13	PASS
		8	4	6.08	<13	PASS

		8	7	5.97	<13	PASS
		15	0	6.12	<13	PASS
MCH		1	0	5.06	<13	PASS
		1	7	4.86	<13	PASS
		1	14	5.06	<13	PASS
		8	0	5.77	<13	PASS
		8	4	5.74	<13	PASS
		8	7	5.75	<13	PASS
		15	0	5.8	<13	PASS
HCH		1	0	4.91	<13	PASS
		1	7	4.61	<13	PASS
		1	14	4.54	<13	PASS
		8	0	5.46	<13	PASS
		8	4	5.43	<13	PASS
		8	7	5.42	<13	PASS
		15	0	5.41	<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	4.62	<13	PASS
		1	12	4.53	<13	PASS
		1	24	4.85	<13	PASS
		12	0	5.24	<13	PASS
		12	6	5.24	<13	PASS
		12	13	5.35	<13	PASS
		25	0	5.33	<13	PASS
	MCH	1	0	4.2	<13	PASS
		1	12	4.08	<13	PASS
		1	24	4.33	<13	PASS
		12	0	4.87	<13	PASS
		12	6	4.87	<13	PASS
		12	13	4.99	<13	PASS
		25	0	5.05	<13	PASS
	HCH	1	0	4.52	<13	PASS
		1	12	3.61	<13	PASS
		1	24	3.62	<13	PASS
		12	0	4.81	<13	PASS
		12	6	4.65	<13	PASS
		12	13	4.54	<13	PASS

		25	0	4.77	<13	PASS
16QAM	LCH	1	0	5.46	<13	PASS
		1	12	5.33	<13	PASS
		1	24	5.62	<13	PASS
		12	0	6.18	<13	PASS
		12	6	6.14	<13	PASS
		12	13	6.22	<13	PASS
		25	0	6.06	<13	PASS
	MCH	1	0	5.12	<13	PASS
		1	12	4.92	<13	PASS
		1	24	5.23	<13	PASS
		12	0	5.77	<13	PASS
		12	6	5.73	<13	PASS
		12	13	5.87	<13	PASS
		25	0	5.86	<13	PASS
	HCH	1	0	5.43	<13	PASS
		1	12	4.7	<13	PASS
		1	24	4.53	<13	PASS
		12	0	5.73	<13	PASS
		12	6	5.49	<13	PASS
		12	13	5.47	<13	PASS
		25	0	5.63	<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	4.49	<13	PASS
		1	24	4.57	<13	PASS
		1	49	5.14	<13	PASS
		25	0	5.31	<13	PASS
		25	12	5.37	<13	PASS
		25	25	5.49	<13	PASS
		50	0	5.49	<13	PASS
	MCH	1	0	4.01	<13	PASS
		1	24	4.05	<13	PASS
		1	49	4.27	<13	PASS
		25	0	4.94	<13	PASS
		25	12	4.96	<13	PASS
		25	25	5.16	<13	PASS
		50	0	5.1	<13	PASS

		1	0	4.54	<13	PASS
	HCH	1	24	4.29	<13	PASS
		1	49	3.79	<13	PASS
		25	0	5.06	<13	PASS
		25	12	5.13	<13	PASS
		25	25	4.88	<13	PASS
		50	0	5.14	<13	PASS
		1	0	5.34	<13	PASS
	LCH	1	24	5.47	<13	PASS
		1	49	6.12	<13	PASS
		25	0	6.19	<13	PASS
		25	12	6.33	<13	PASS
		25	25	6.39	<13	PASS
		50	0	6.25	<13	PASS
		1	0	5.07	<13	PASS
	MCH	1	24	4.94	<13	PASS
		1	49	5.34	<13	PASS
		25	0	5.8	<13	PASS
		25	12	5.86	<13	PASS
		25	25	6.07	<13	PASS
		50	0	5.92	<13	PASS
		1	0	5.56	<13	PASS
	HCH	1	24	5.29	<13	PASS
		1	49	4.74	<13	PASS
		25	0	5.99	<13	PASS
		25	12	6.01	<13	PASS
		25	25	5.83	<13	PASS
		50	0	6.02	<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	4.57	<13	PASS
		1	37	4.82	<13	PASS
		1	74	5.27	<13	PASS
		37	0	5.35	<13	PASS
		37	18	5.51	<13	PASS
		37	38	5.66	<13	PASS
		75	0	5.92	<13	PASS
	MCH	1	0	4.37	<13	PASS

		1	37	4.1	<13	PASS
		1	74	4.74	<13	PASS
		37	0	4.9	<13	PASS
		37	18	4.93	<13	PASS
		37	38	5.15	<13	PASS
		75	0	5.44	<13	PASS
	HCH	1	0	4.78	<13	PASS
		1	37	4.33	<13	PASS
		1	74	3.74	<13	PASS
		37	0	5.29	<13	PASS
		37	18	5.19	<13	PASS
		37	38	5.13	<13	PASS
		75	0	5.54	<13	PASS
16QAM	LCH	1	0	5.45	<13	PASS
		1	37	5.65	<13	PASS
		1	74	6.19	<13	PASS
		37	0	6.25	<13	PASS
		37	18	6.35	<13	PASS
		37	38	6.51	<13	PASS
		75	0	6.54	<13	PASS
	MCH	1	0	5.45	<13	PASS
		1	37	4.97	<13	PASS
		1	74	5.69	<13	PASS
		37	0	5.84	<13	PASS
		37	18	5.91	<13	PASS
		37	38	6.1	<13	PASS
		75	0	6.13	<13	PASS
	HCH	1	0	5.92	<13	PASS
		1	37	5.23	<13	PASS
		1	74	4.8	<13	PASS
		37	0	6.14	<13	PASS
		37	18	6.12	<13	PASS
		37	38	6.08	<13	PASS
		75	0	6.17	<13	PASS

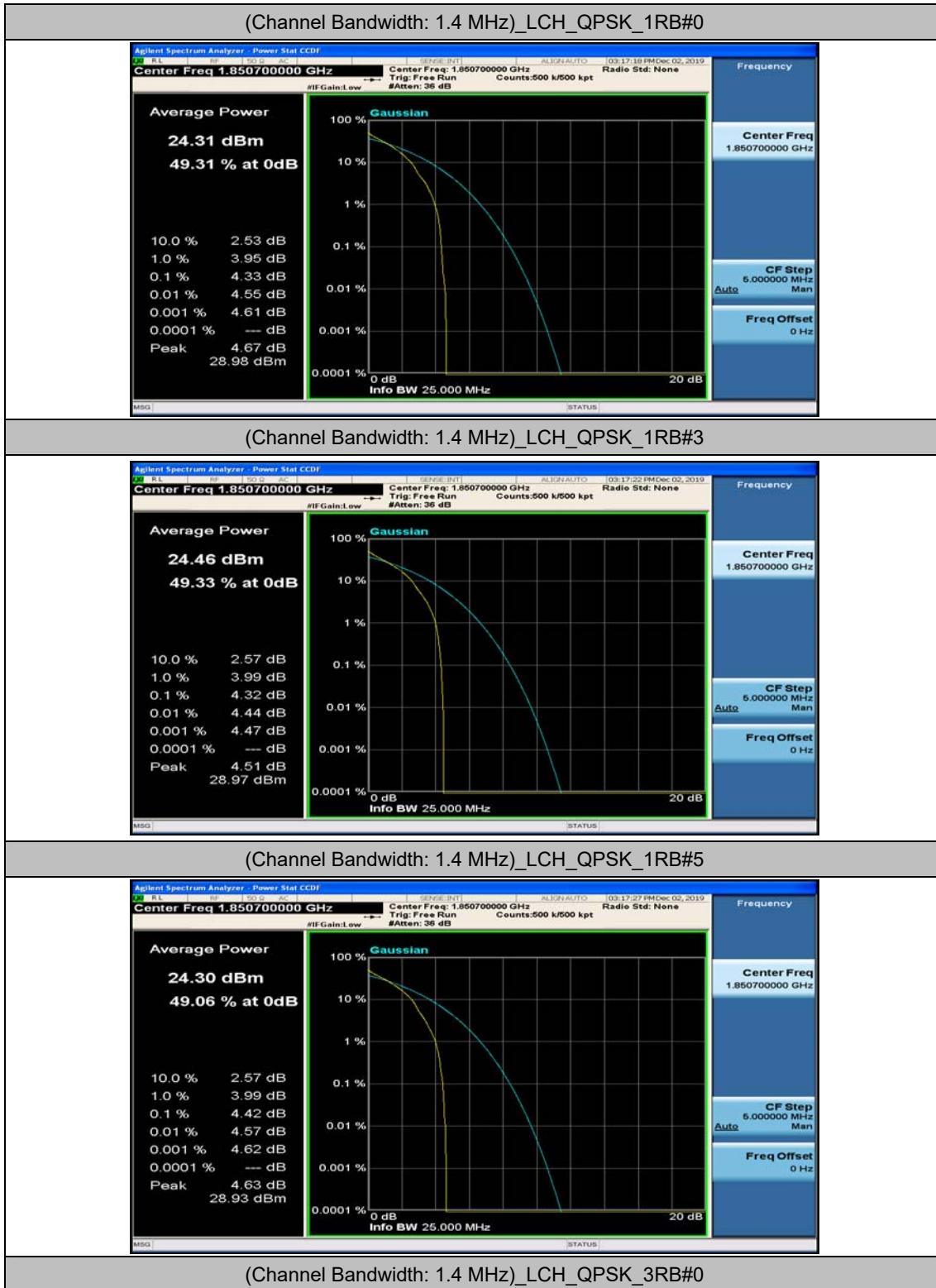
## Channel Bandwidth: 20 MHz

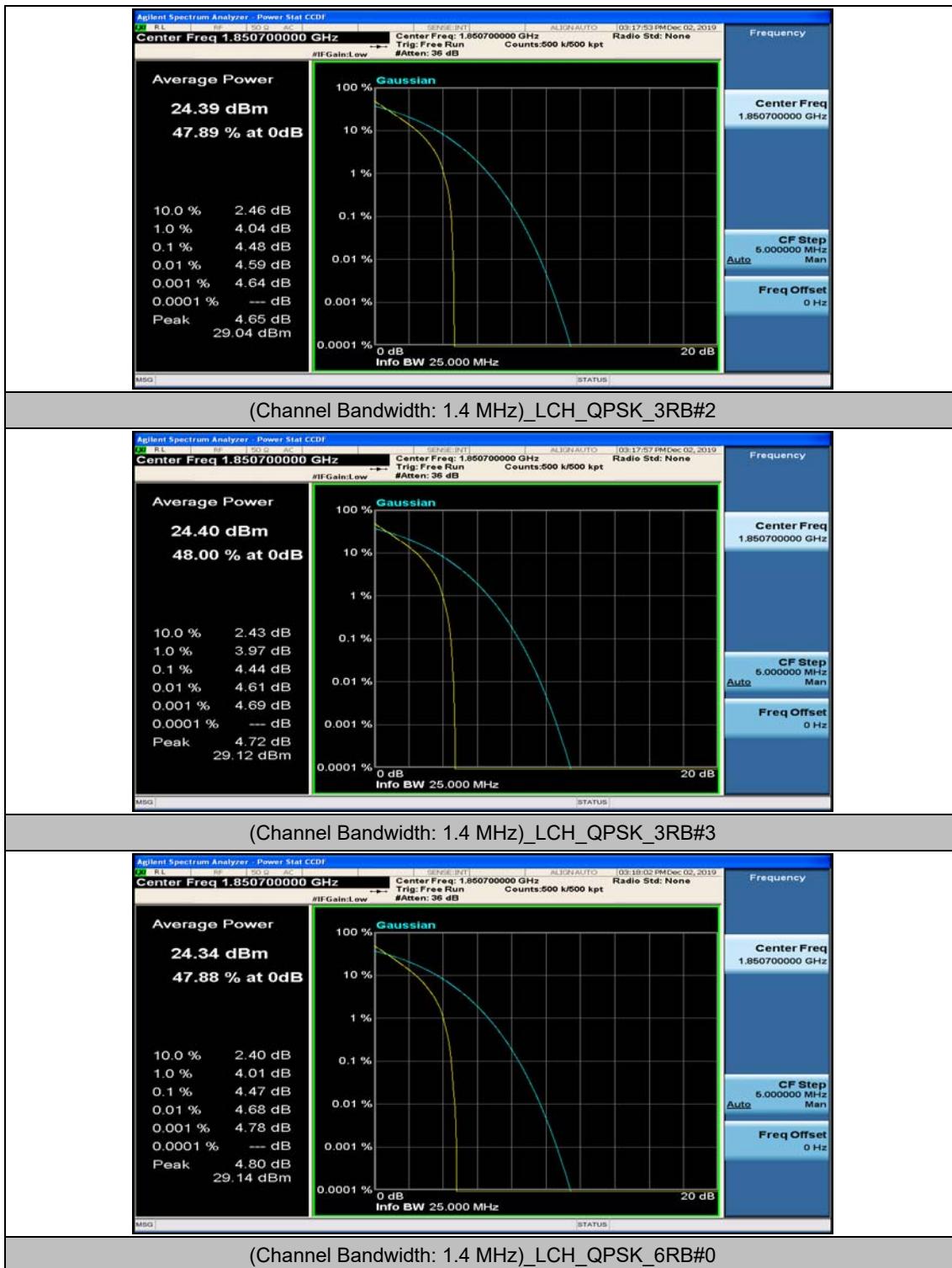
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.53	<13	PASS
		1	49	4.96	<13	PASS
		1	99	5.09	<13	PASS
		50	0	5.5	<13	PASS
		50	25	5.63	<13	PASS
		50	50	5.65	<13	PASS
		100	0	5.73	<13	PASS
	MCH	1	0	4.89	<13	PASS
		1	49	4.13	<13	PASS
		1	99	4.96	<13	PASS
		50	0	5.15	<13	PASS
		50	25	5.1	<13	PASS
		50	50	5.39	<13	PASS
		100	0	5.45	<13	PASS
16QAM	LCH	1	0	5.14	<13	PASS
		1	49	4.51	<13	PASS
		1	99	3.94	<13	PASS
		50	0	5.52	<13	PASS
		50	25	5.33	<13	PASS
		50	50	5.31	<13	PASS
		100	0	5.42	<13	PASS
	MCH	1	0	5.29	<13	PASS
		1	49	5.87	<13	PASS
		1	99	6.11	<13	PASS
		50	0	6.31	<13	PASS
		50	25	6.48	<13	PASS
		50	50	6.53	<13	PASS
		100	0	6.43	<13	PASS
	HCH	1	0	5.61	<13	PASS
		1	49	4.92	<13	PASS
		1	99	5.71	<13	PASS
		50	0	5.96	<13	PASS
		50	25	5.9	<13	PASS
		50	50	6.18	<13	PASS
		100	0	6.2	<13	PASS
	HCH	1	0	6.14	<13	PASS

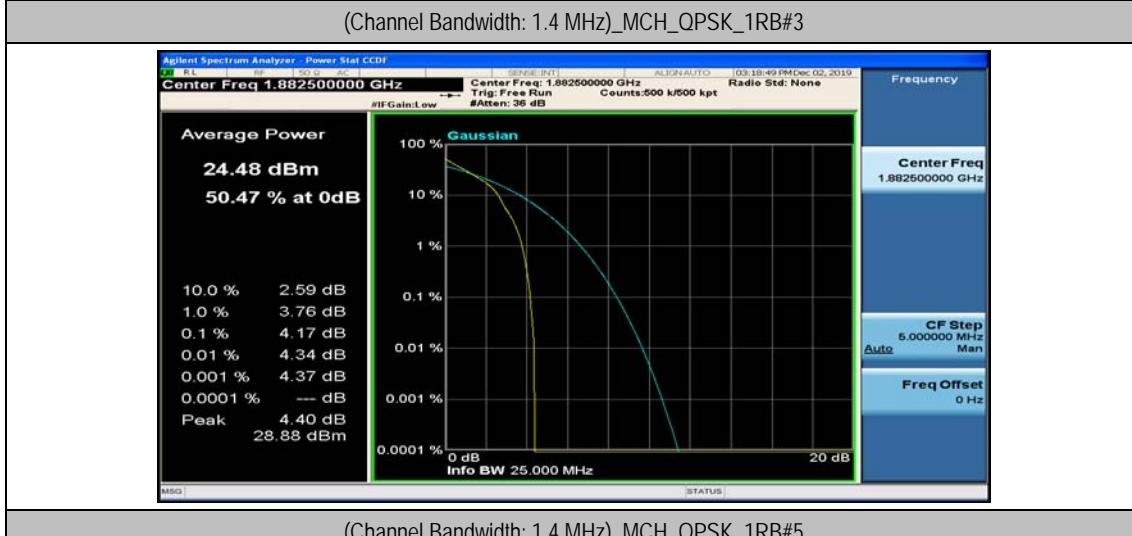
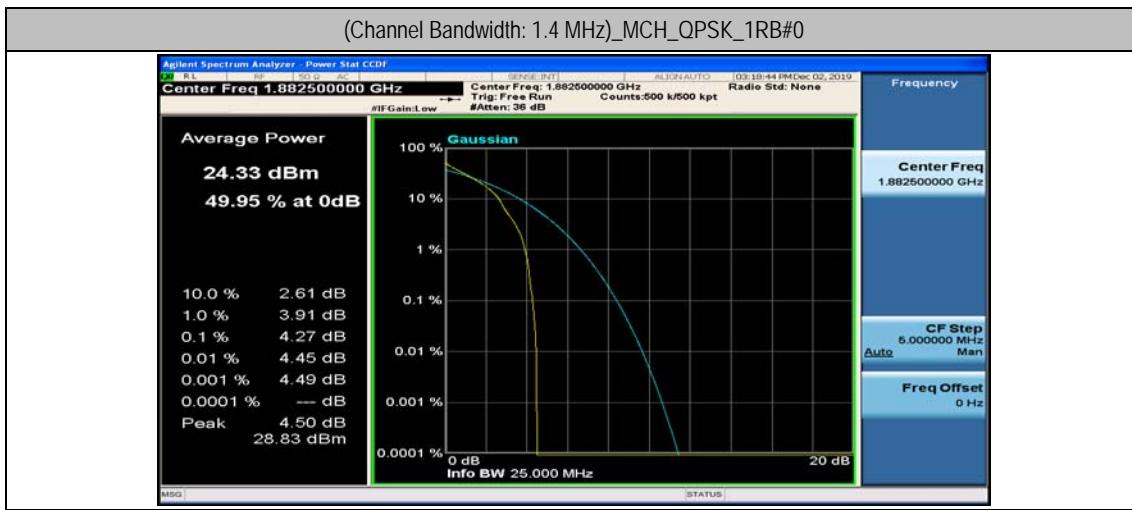
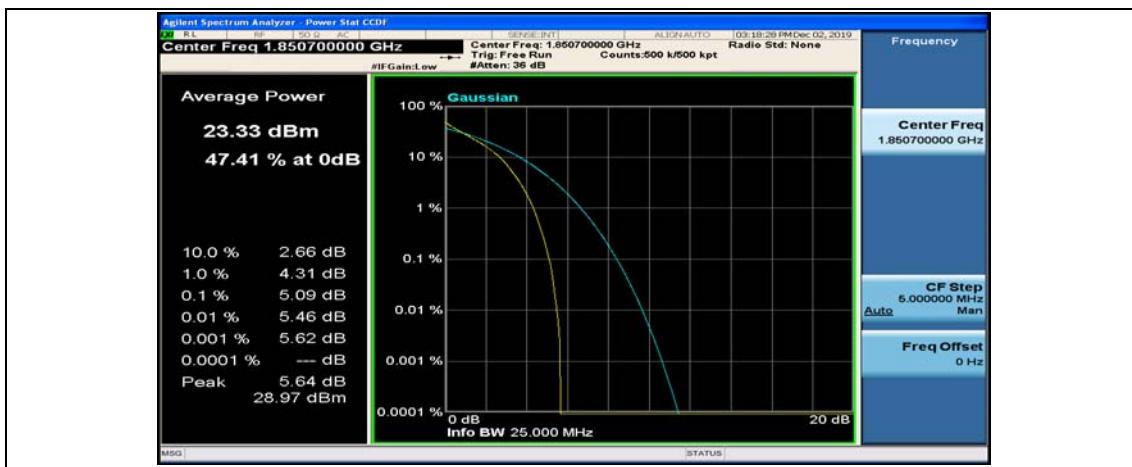
		1	49	5.52	<13	PASS
		1	99	4.89	<13	PASS
		50	0	6.39	<13	PASS
		50	25	6.18	<13	PASS
		50	50	6.24	<13	PASS
		100	0	6.29	<13	PASS

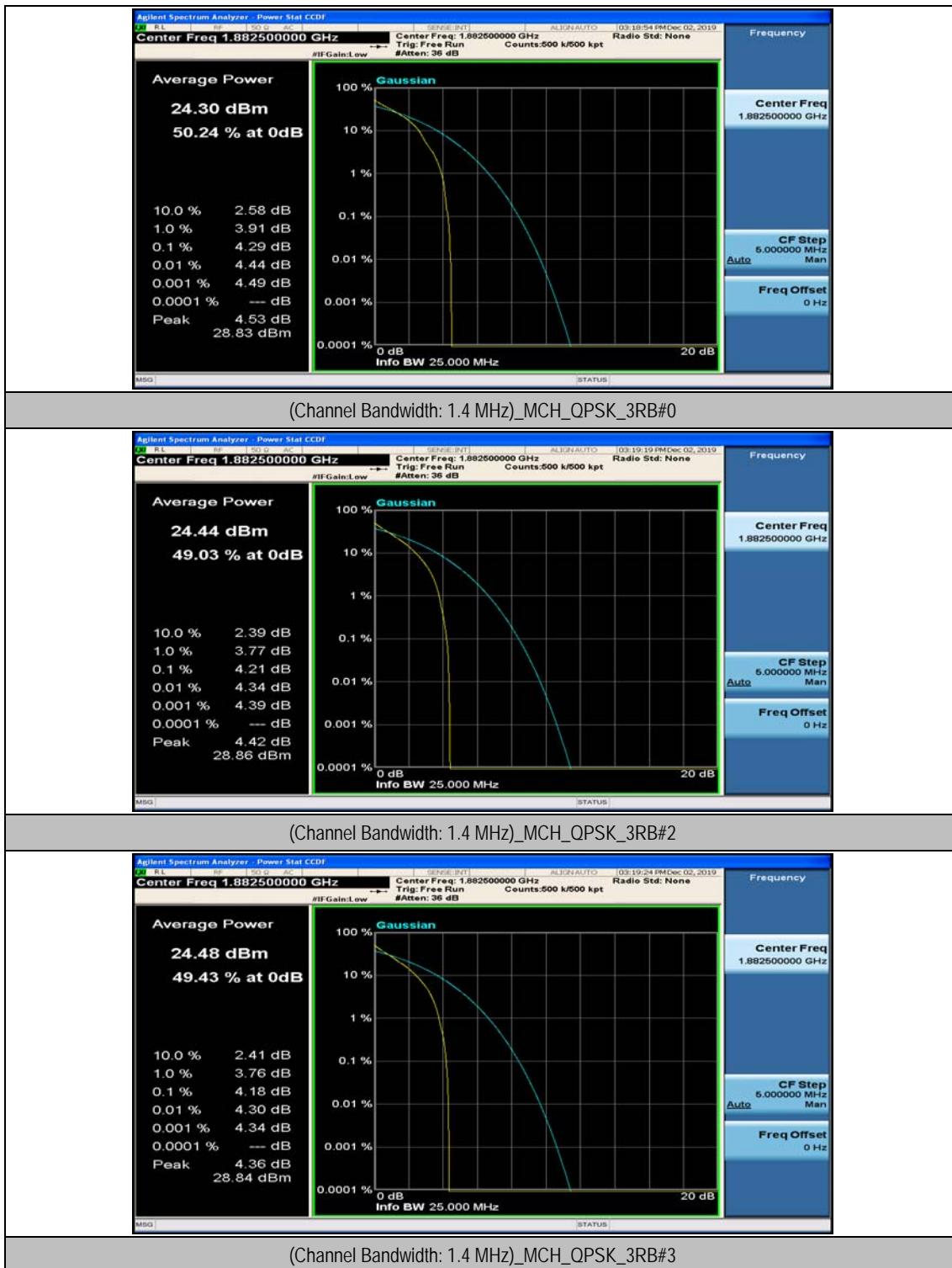
## Test Graphs

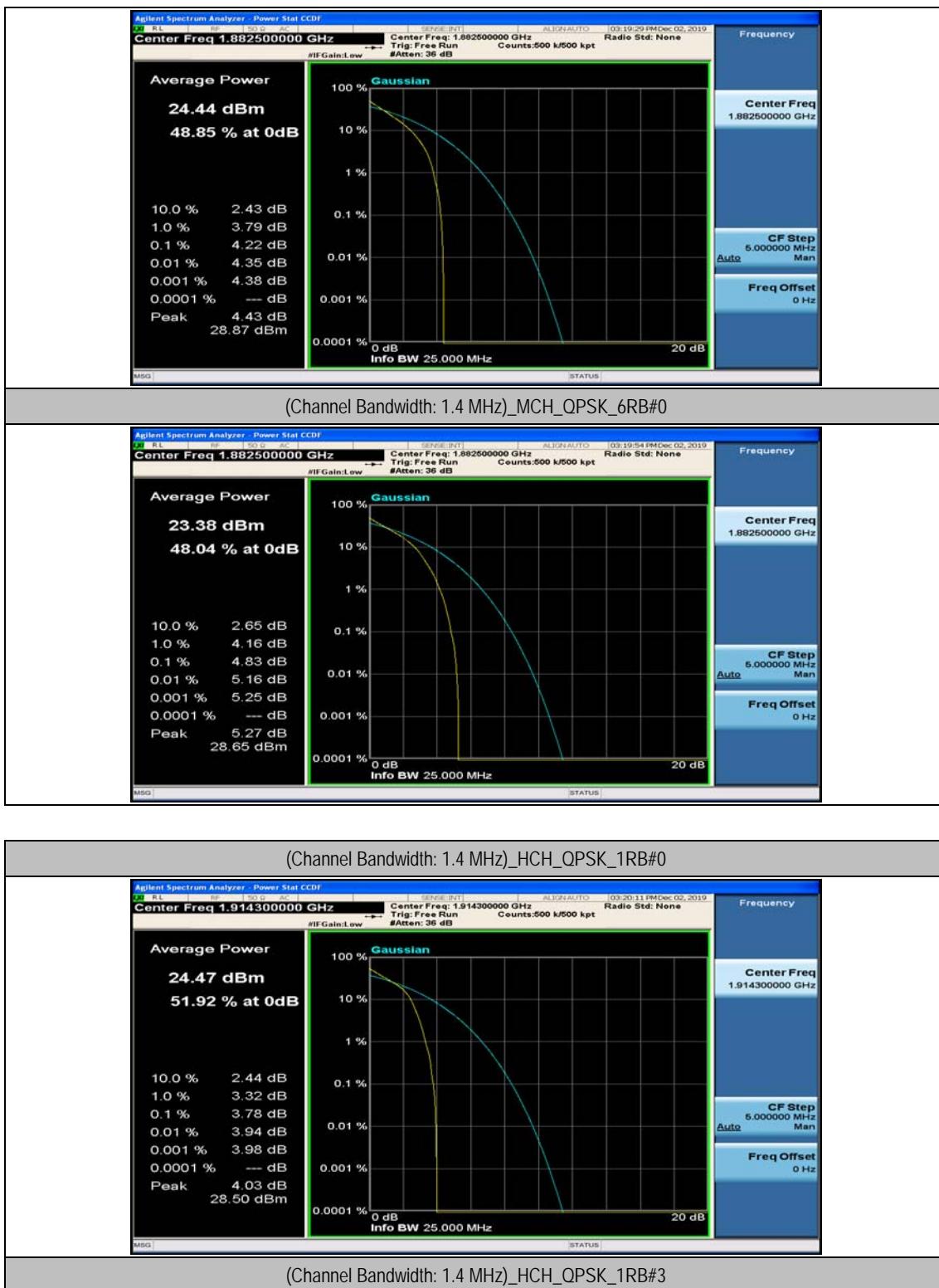
### Channel Bandwidth: 1.4 MHz

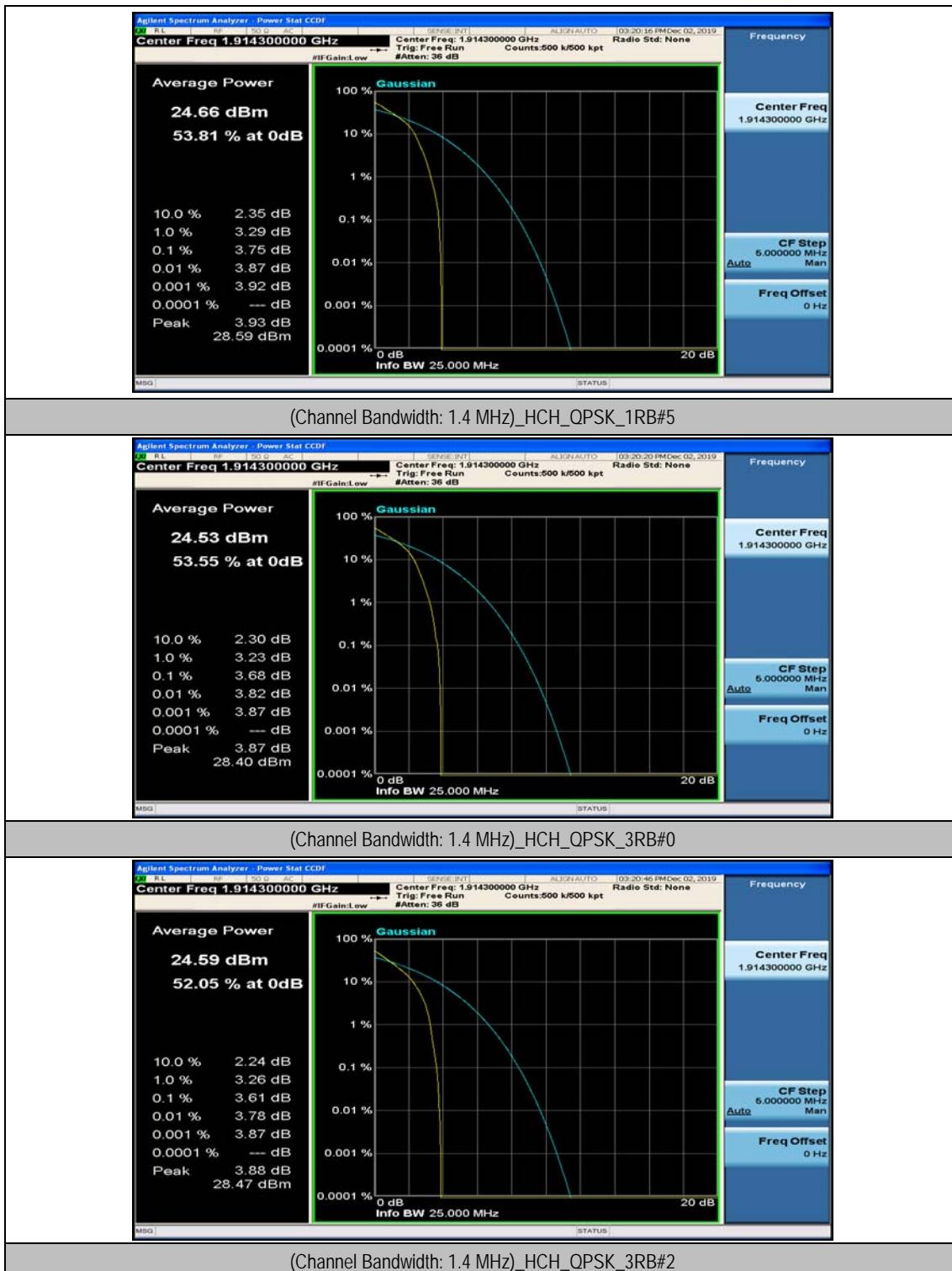


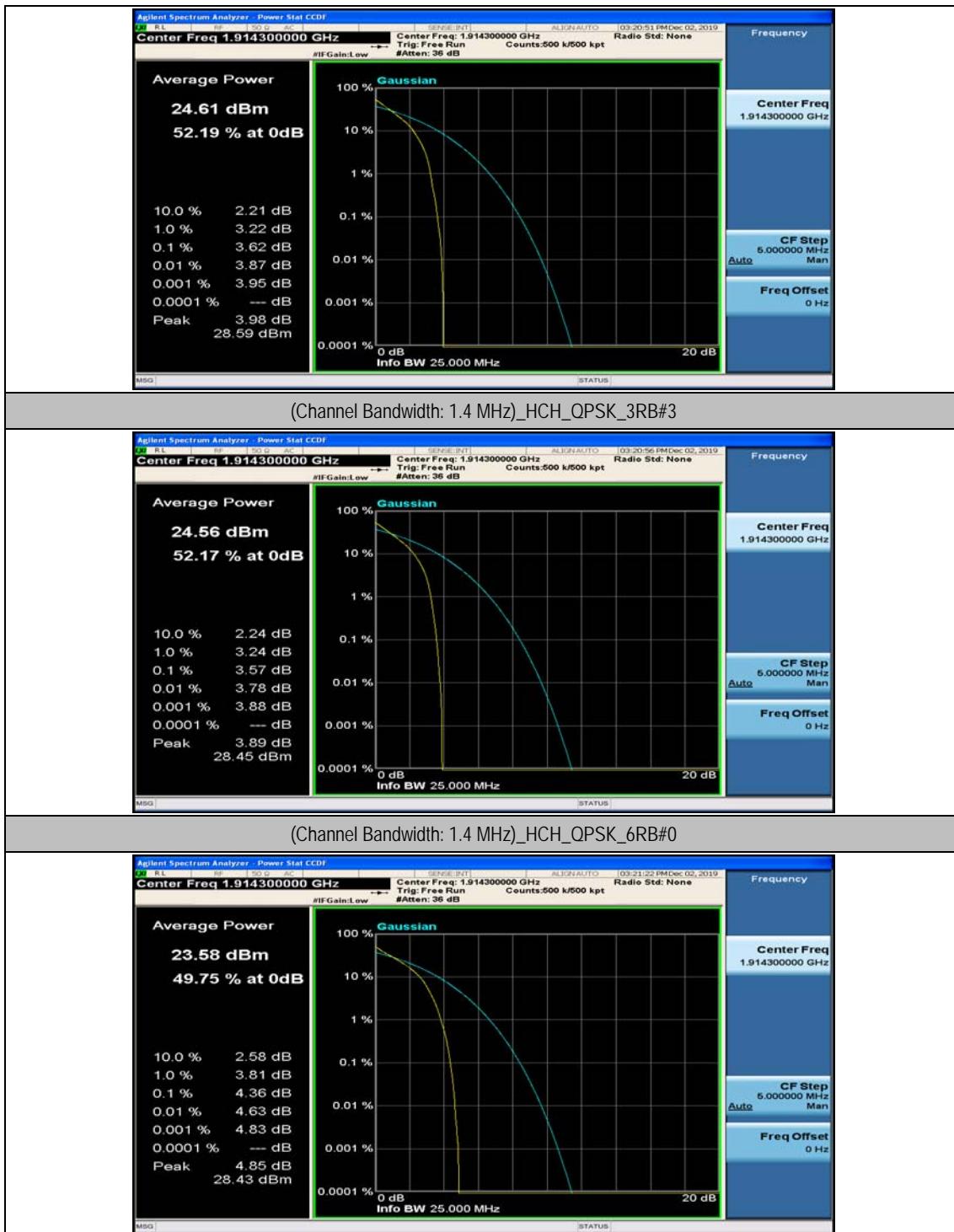


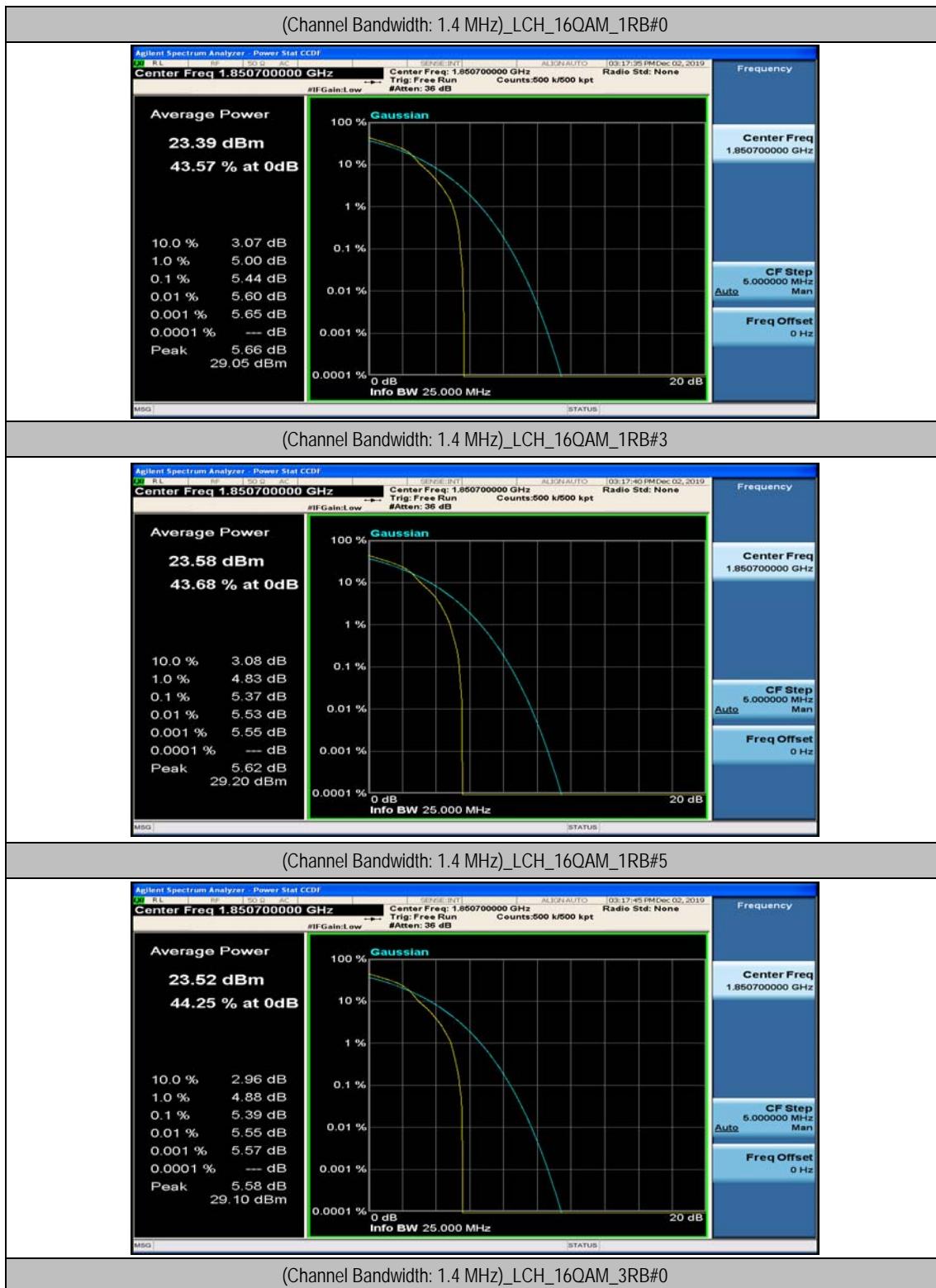


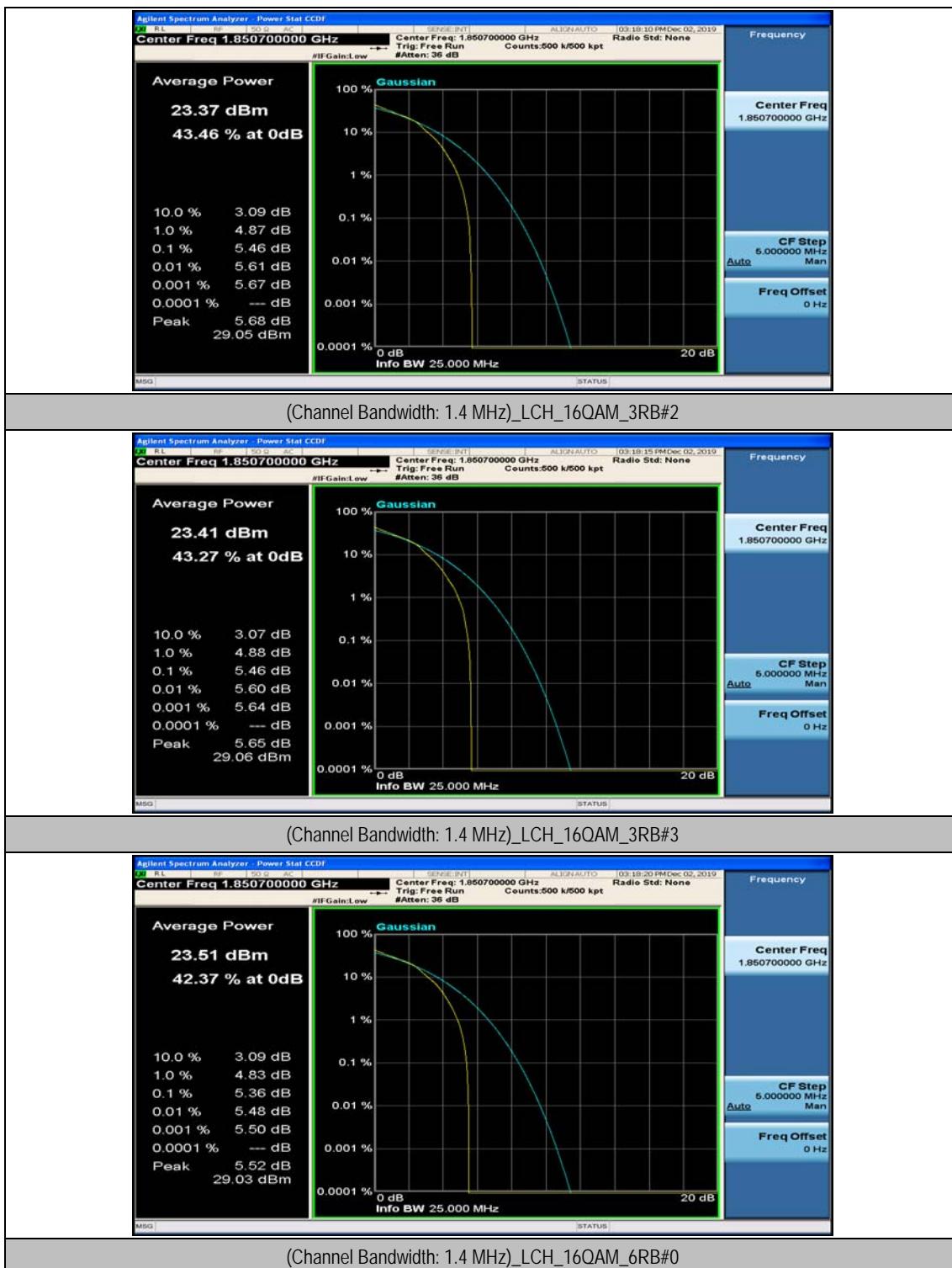


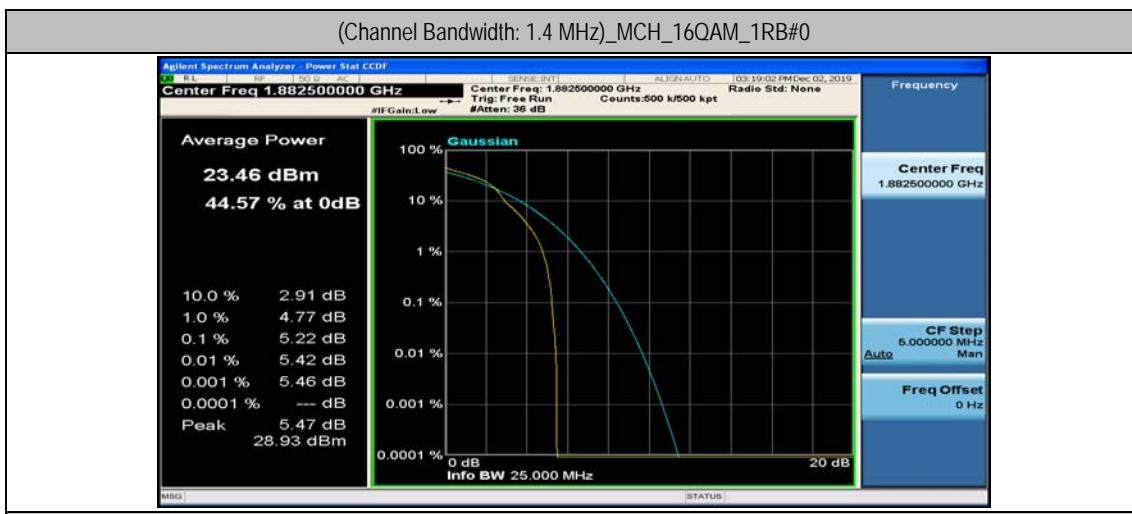
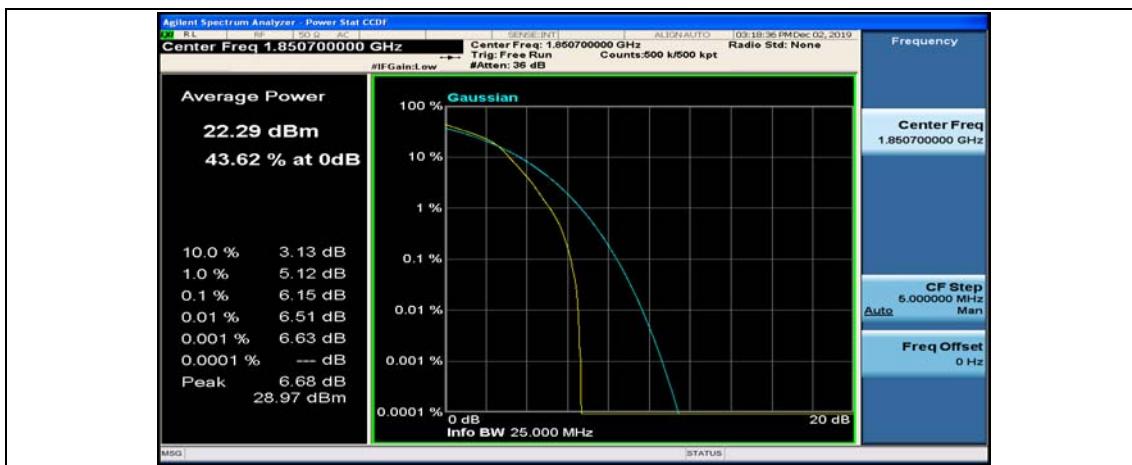


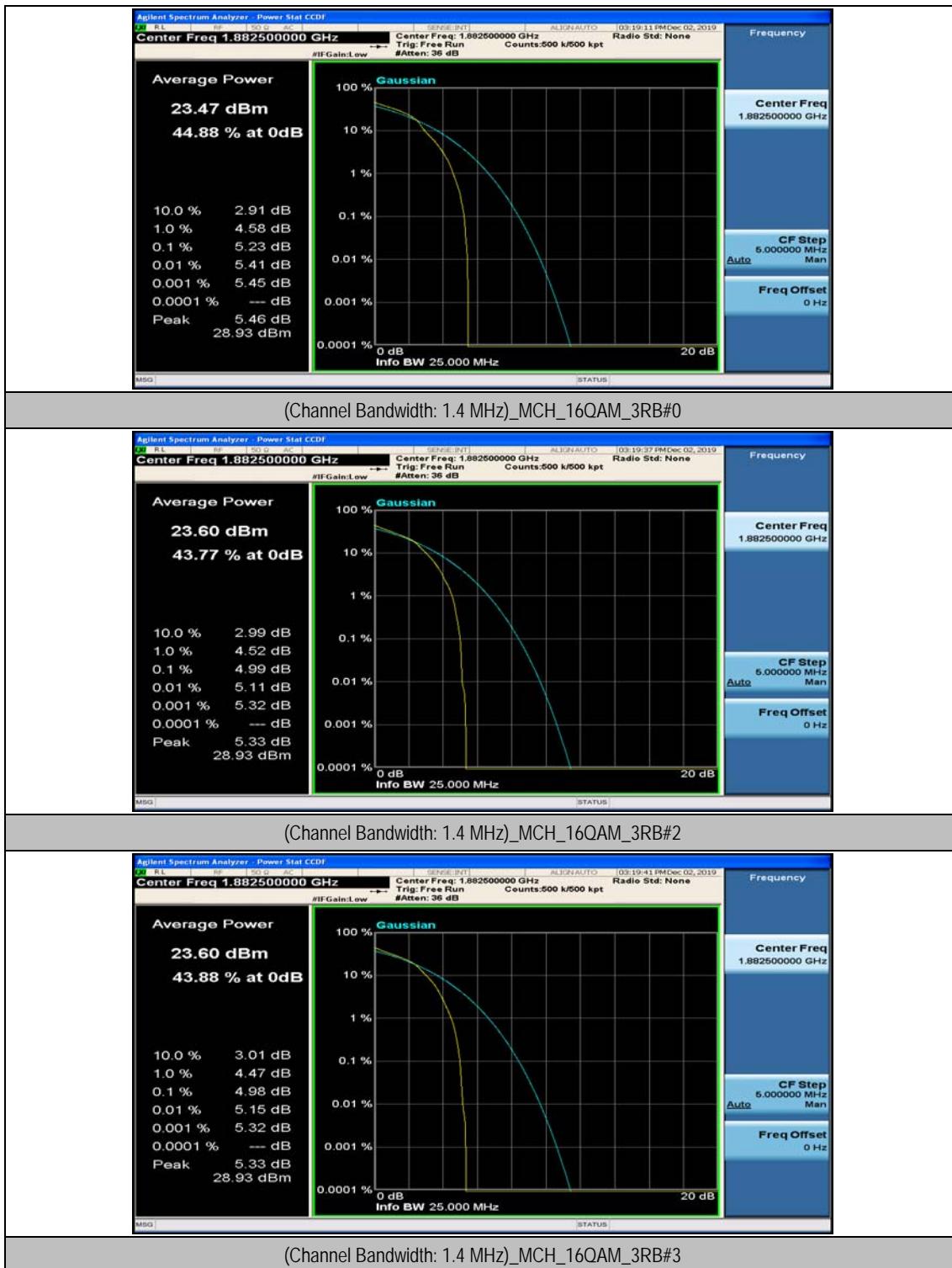


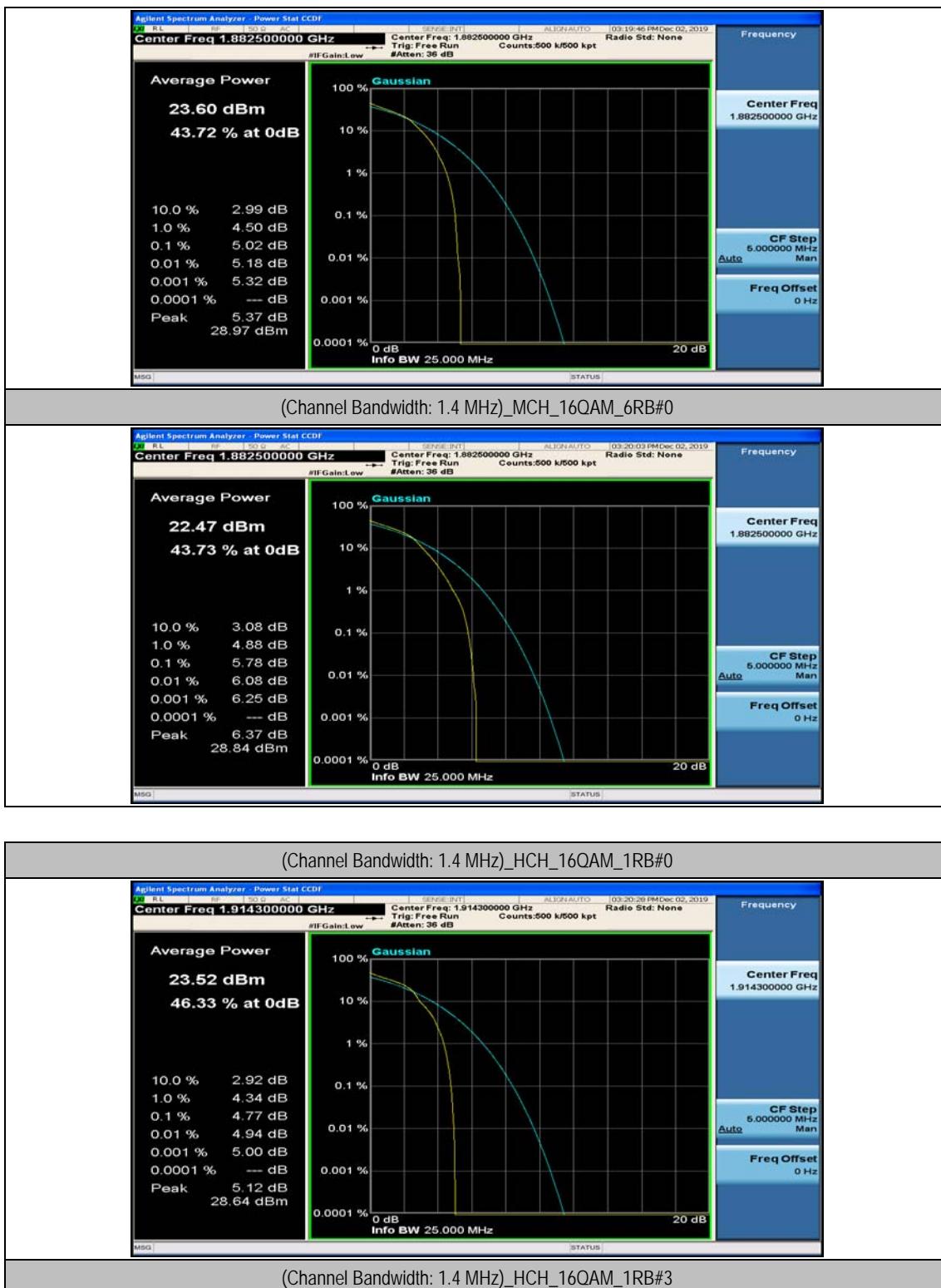


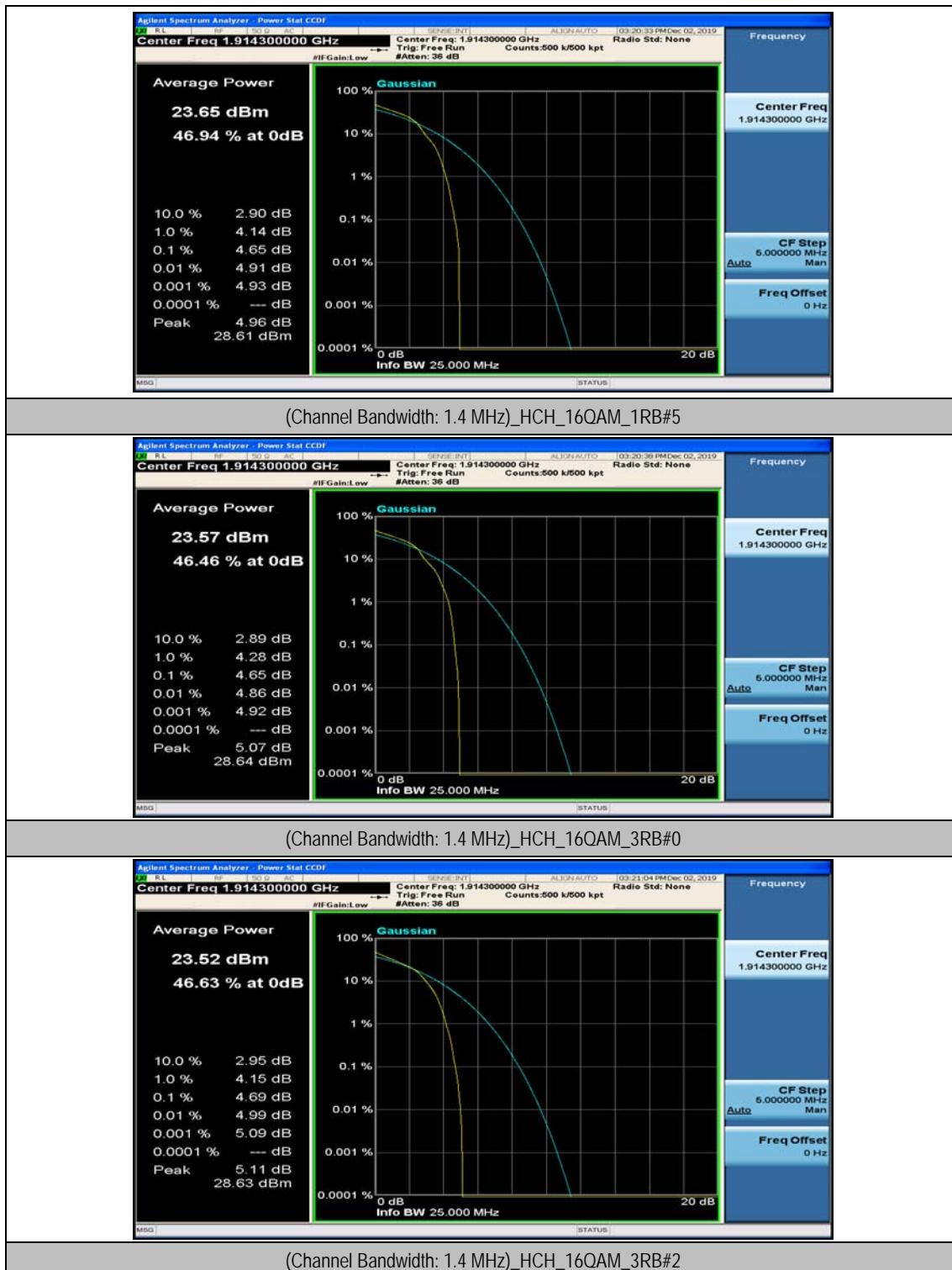


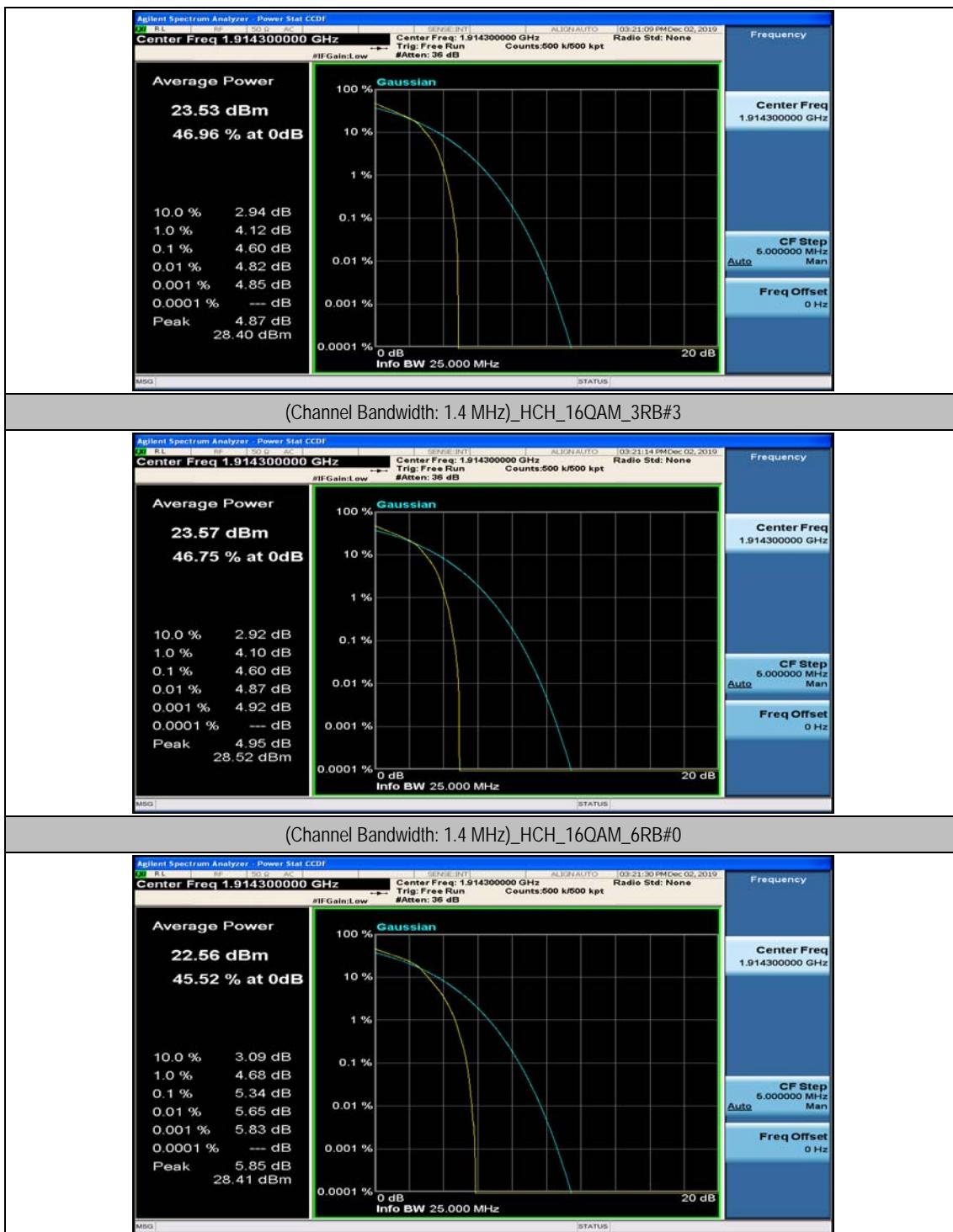




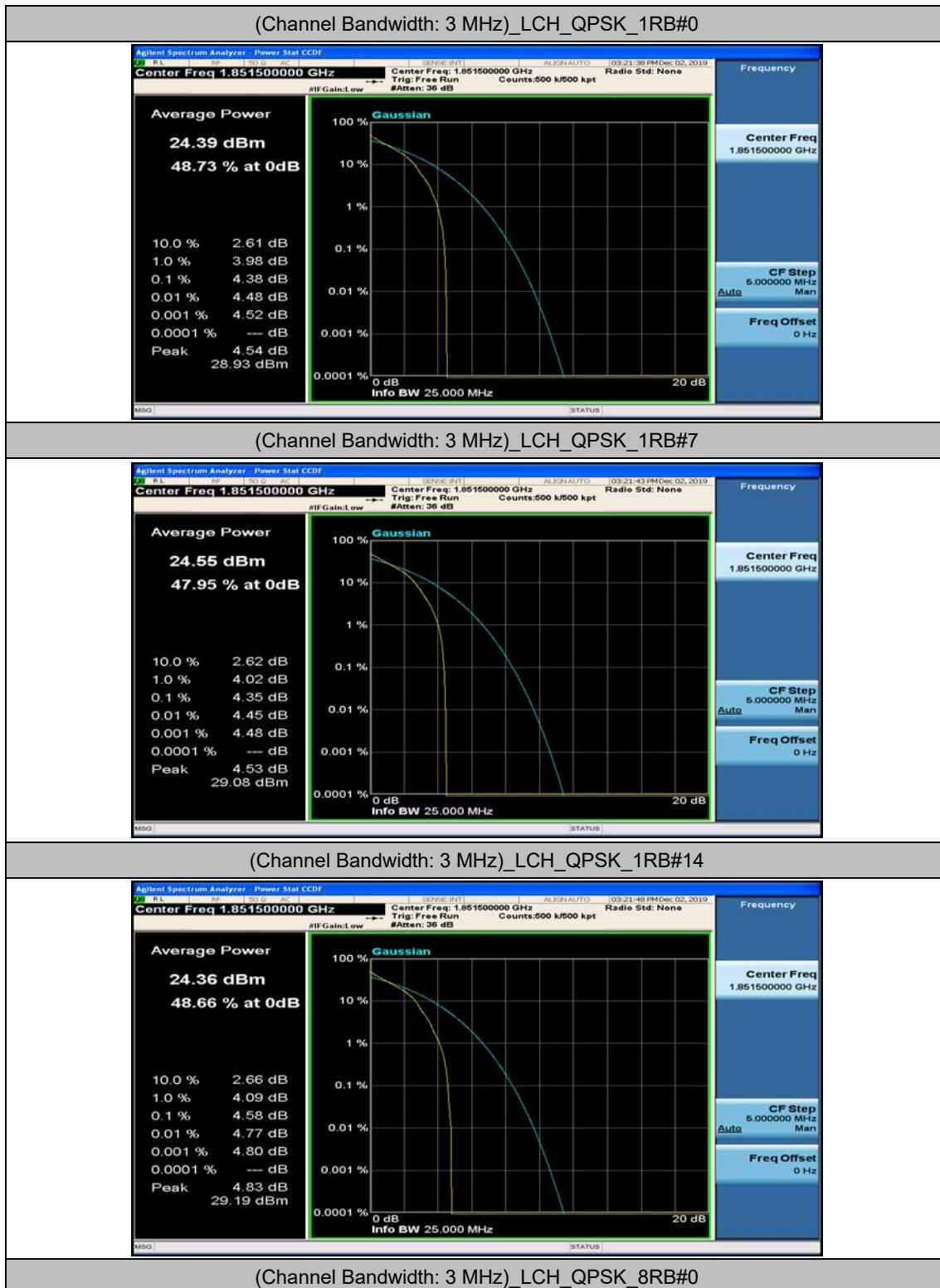


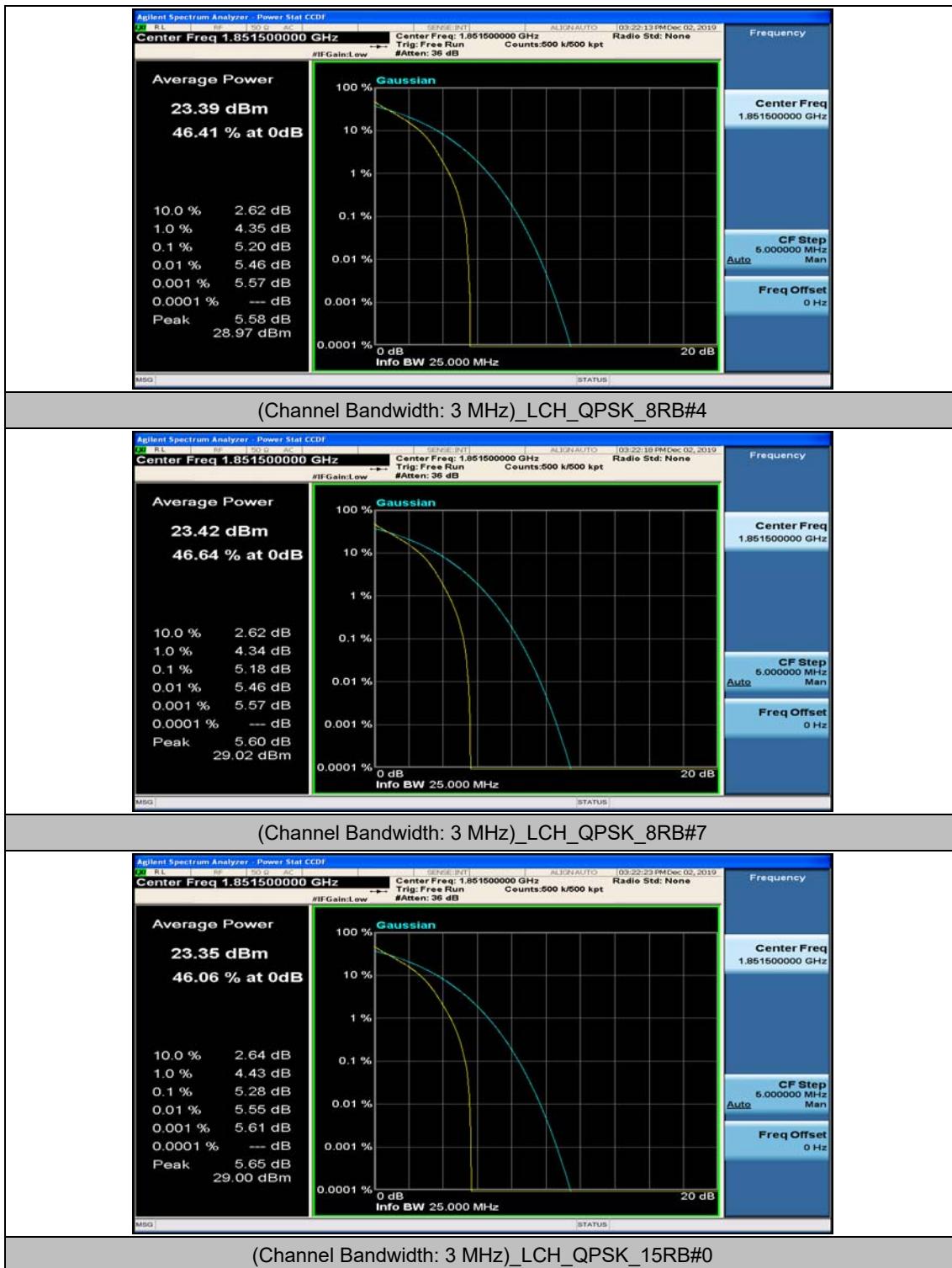


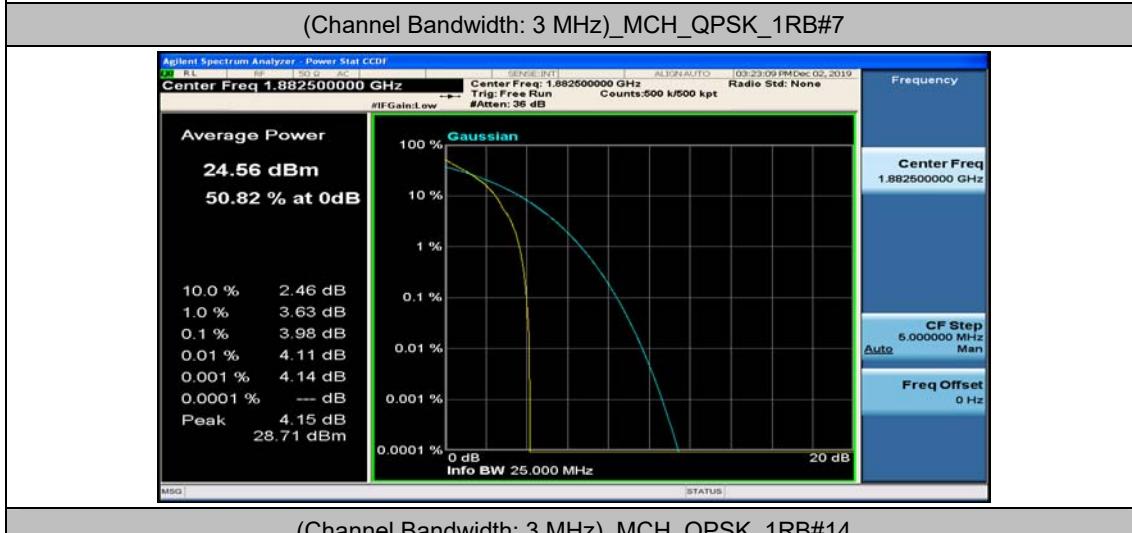
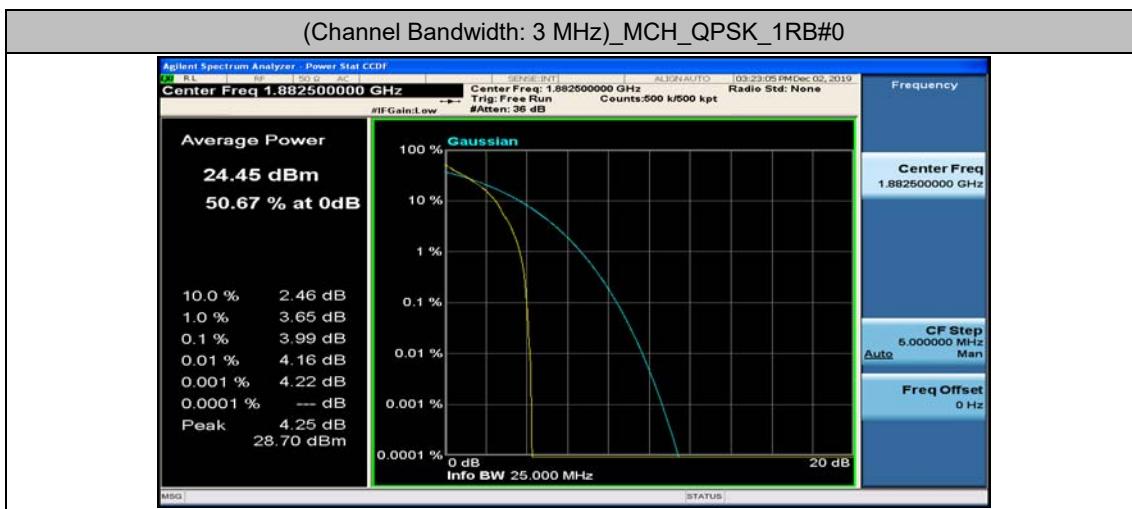
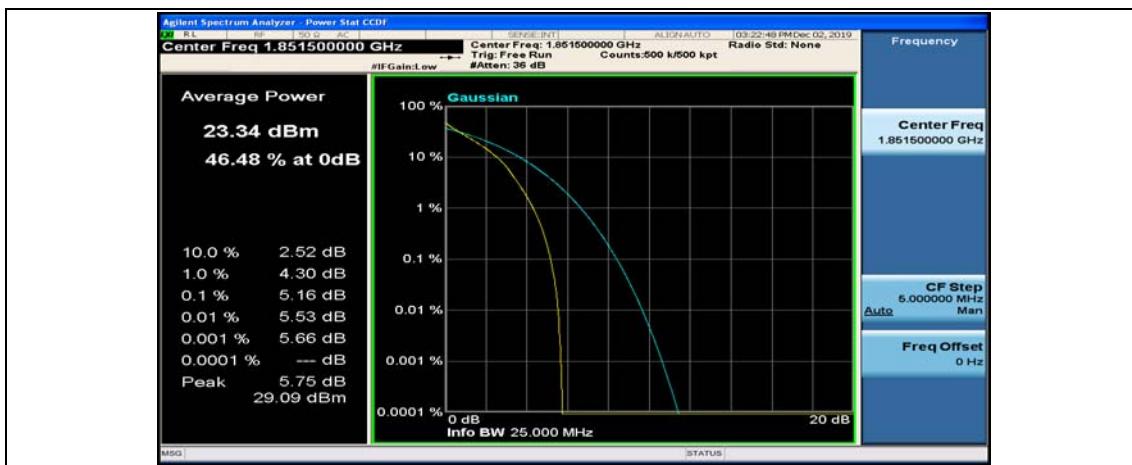




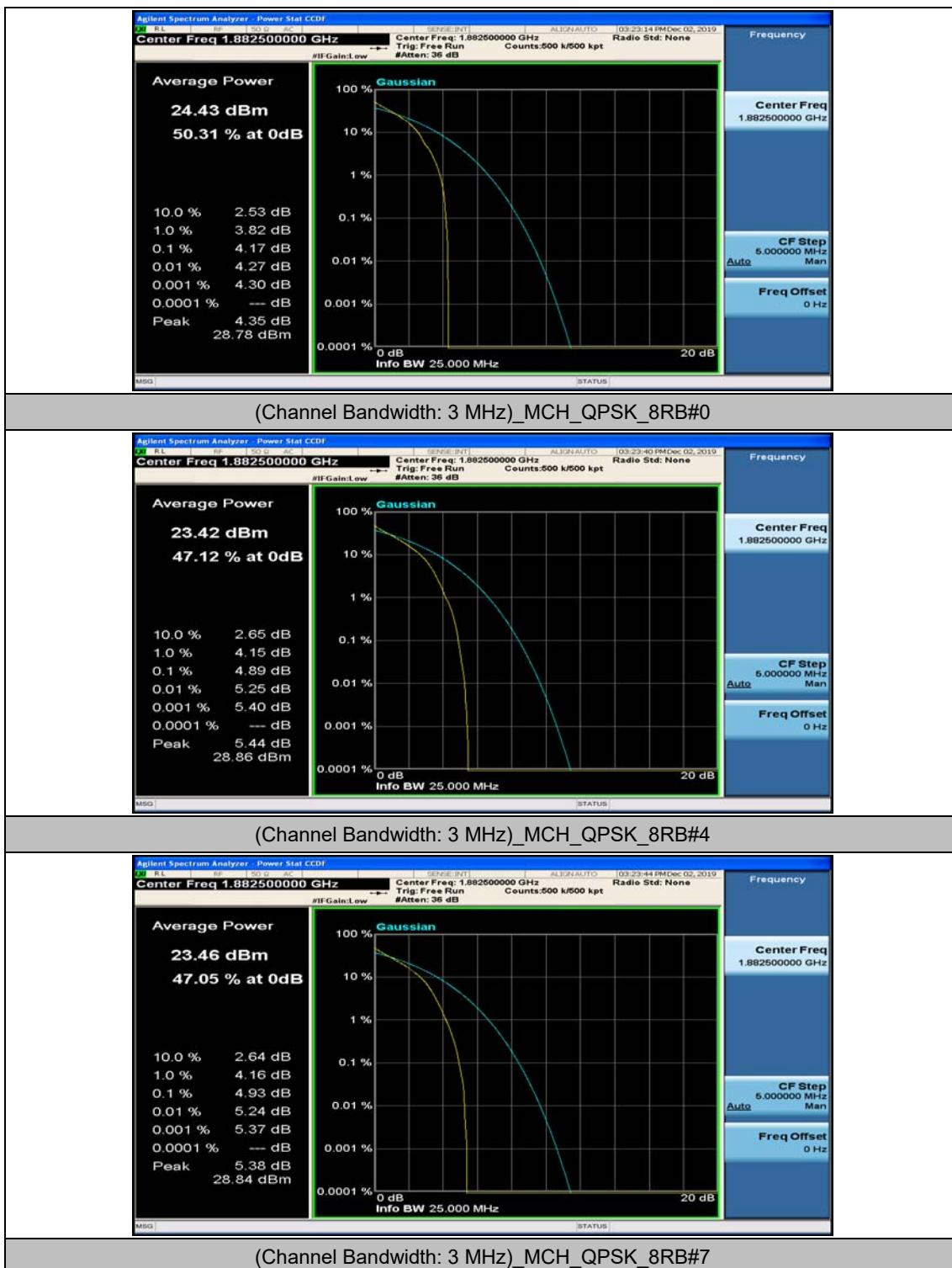
## Channel Bandwidth: 3 MHz

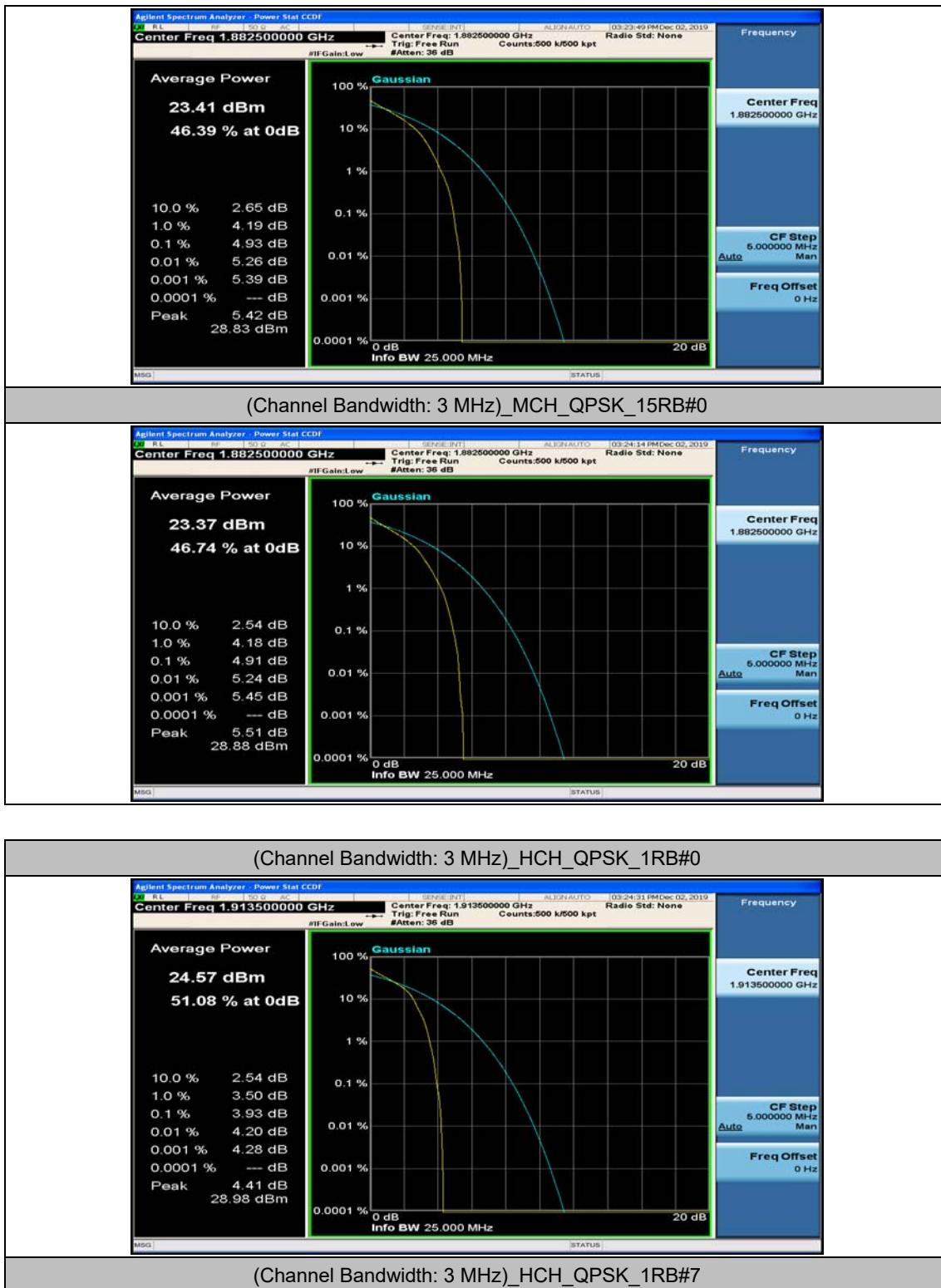


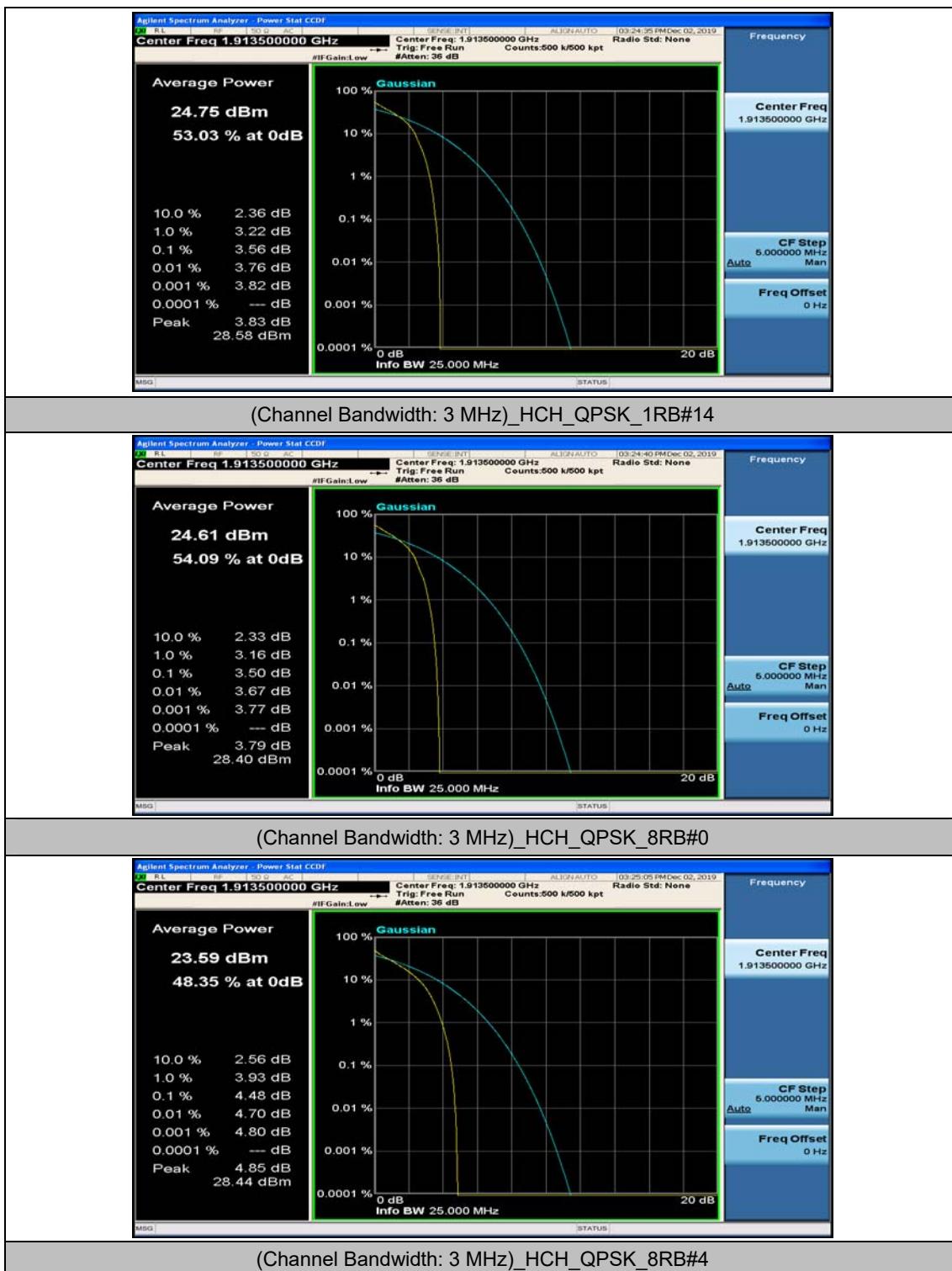


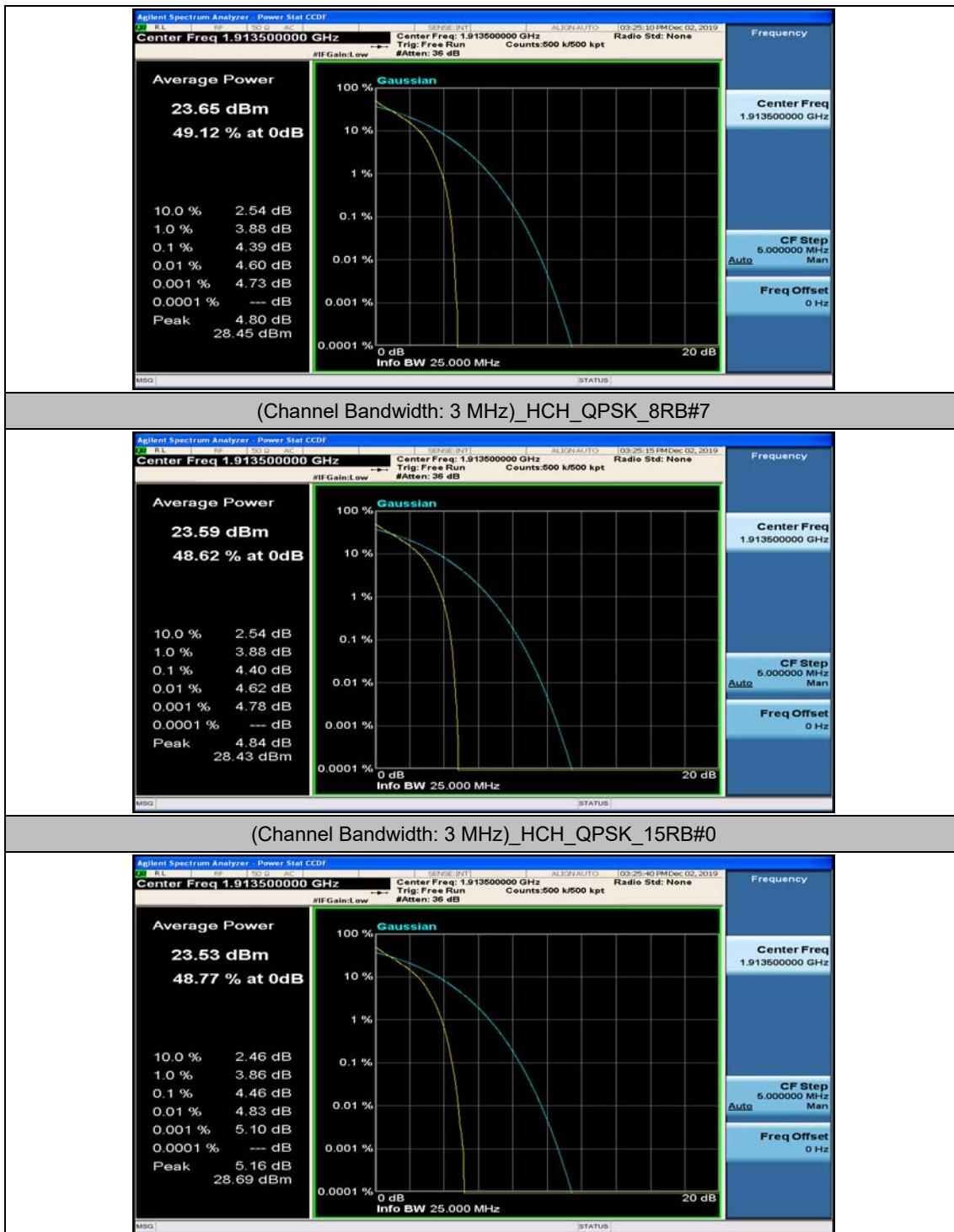


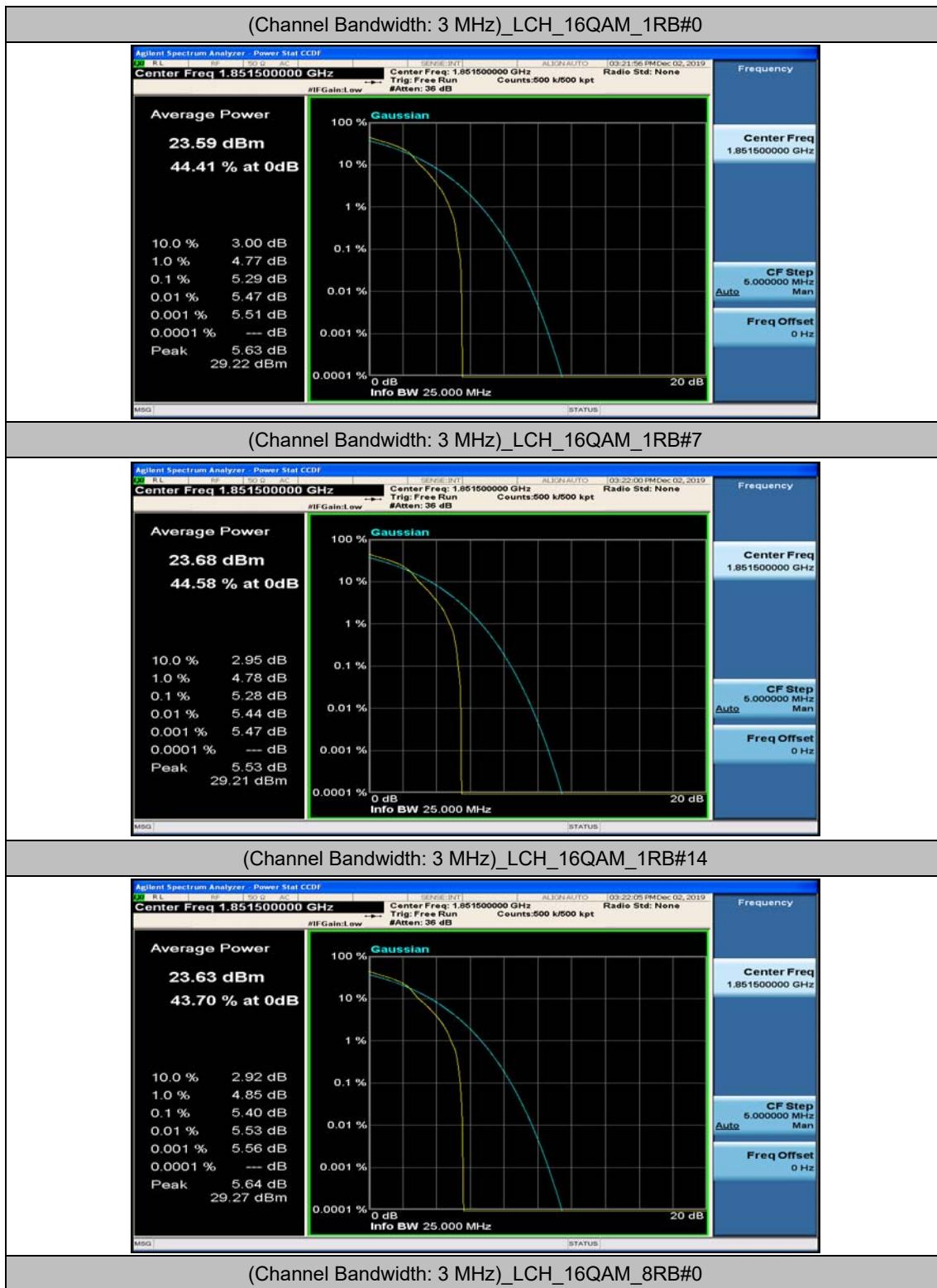
(Channel Bandwidth: 3 MHz)\_MCH\_QPSK\_1RB#14

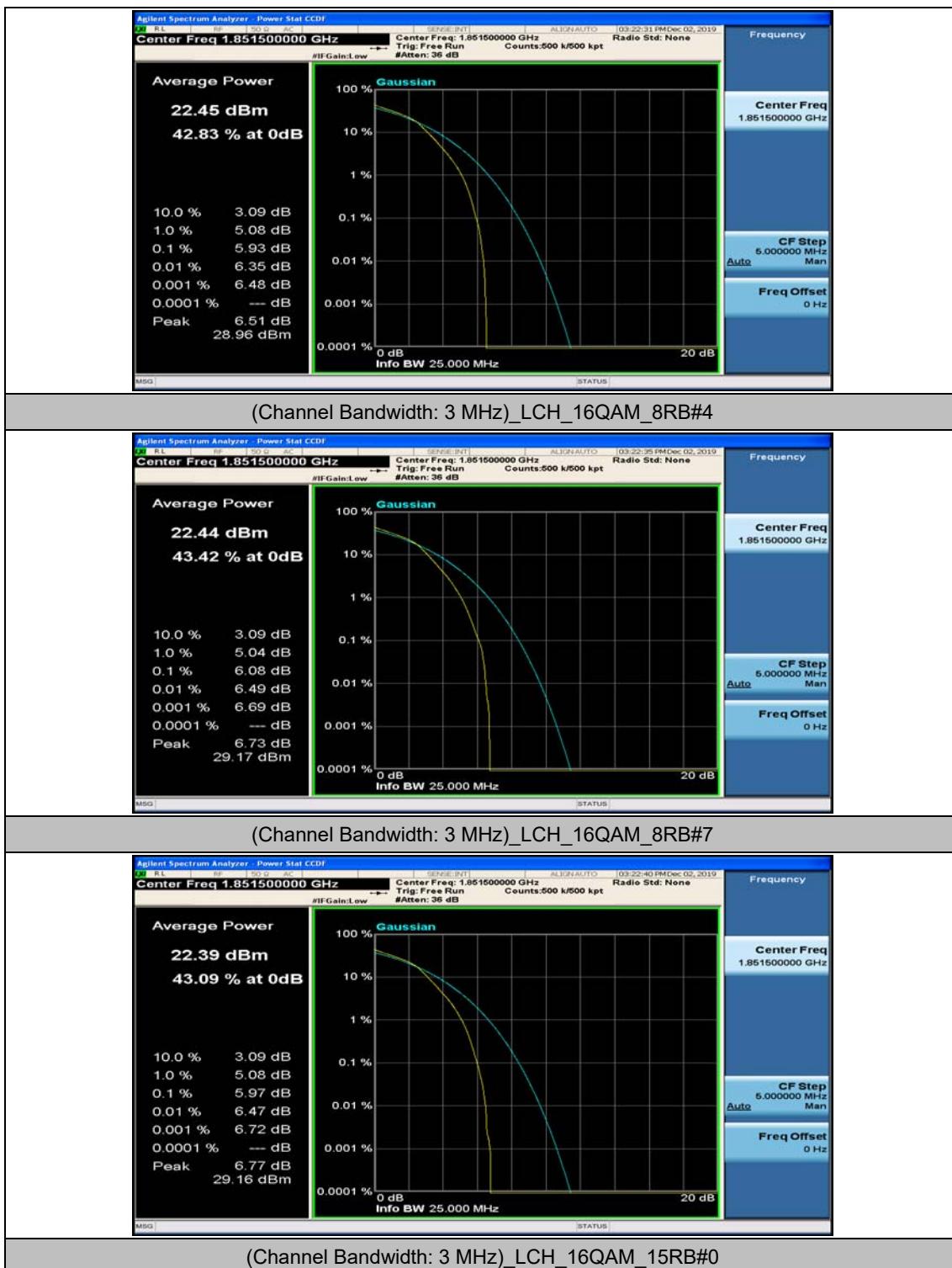


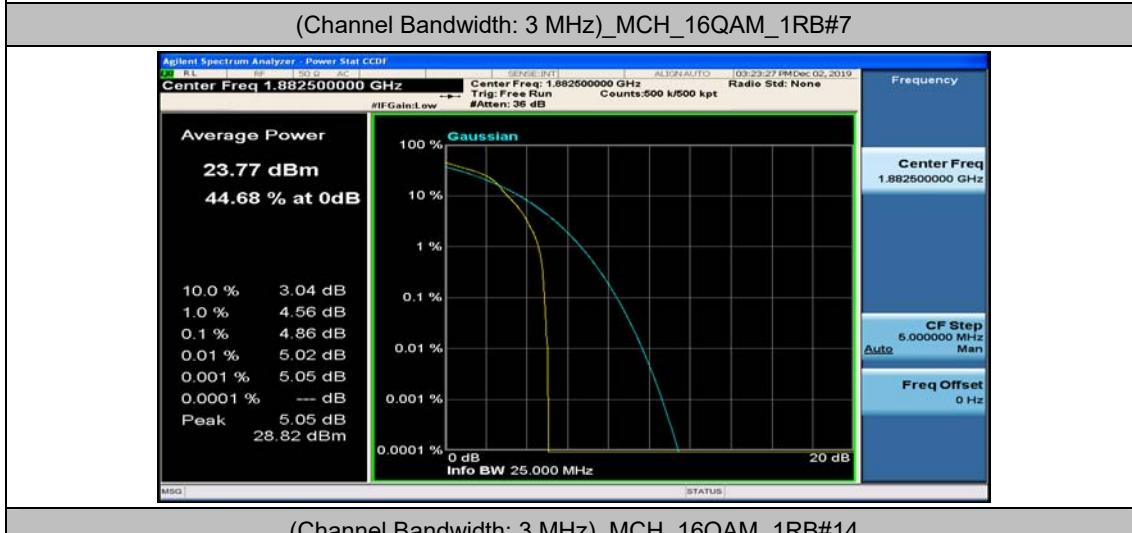
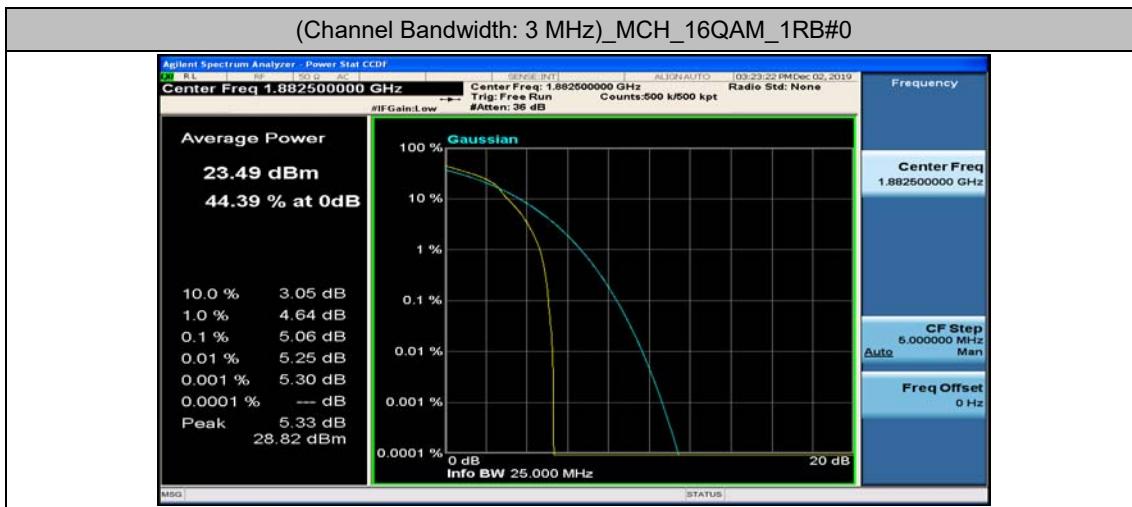
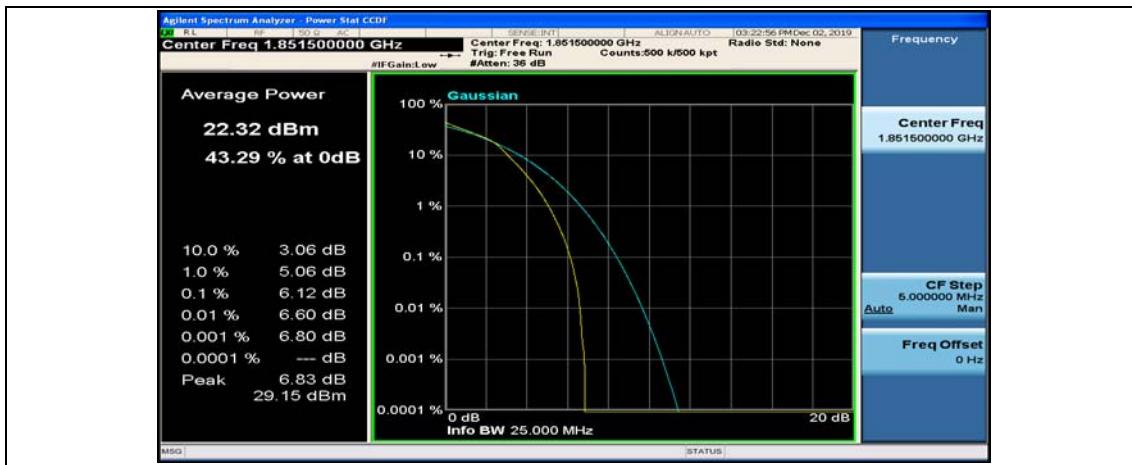




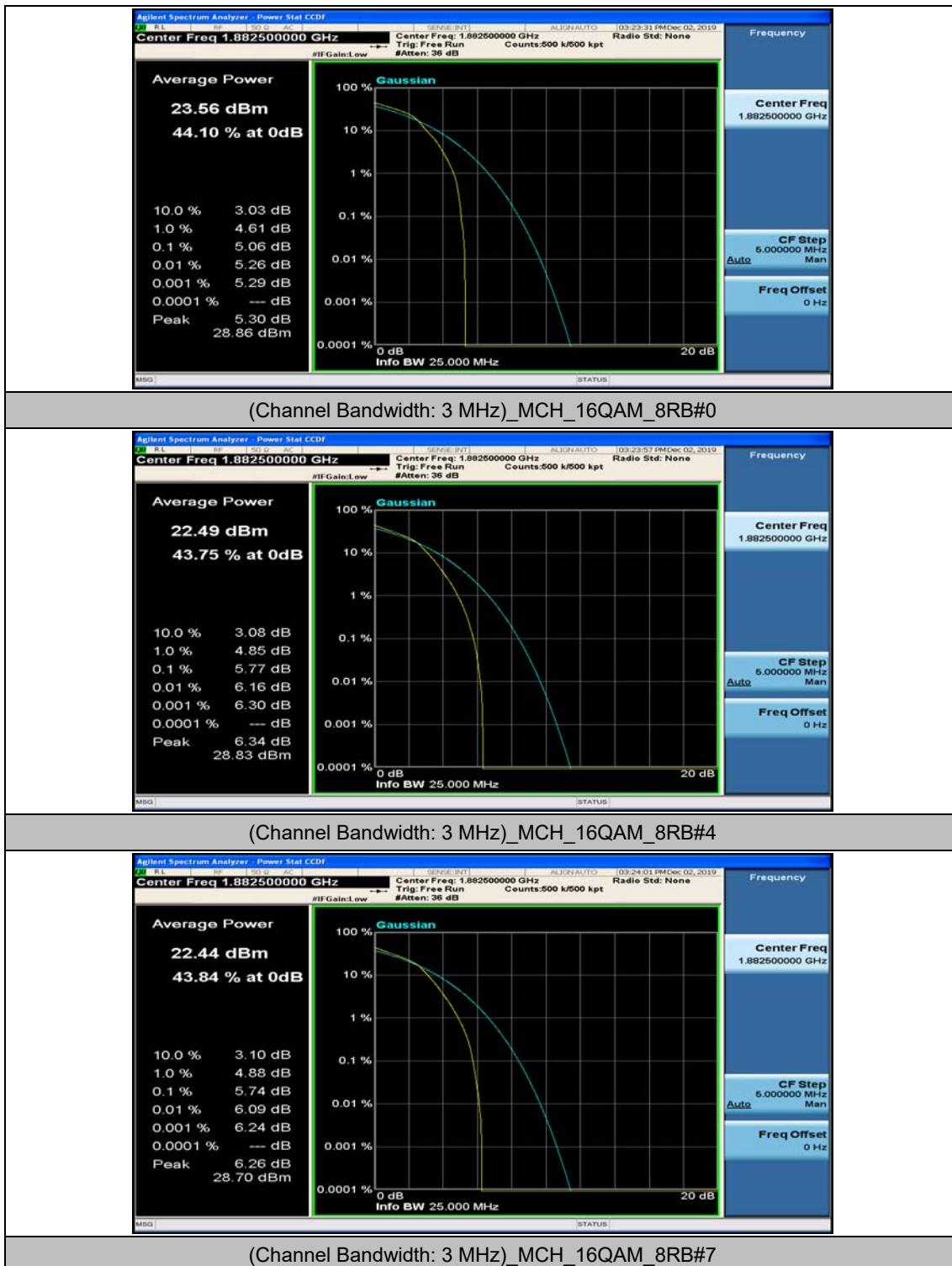


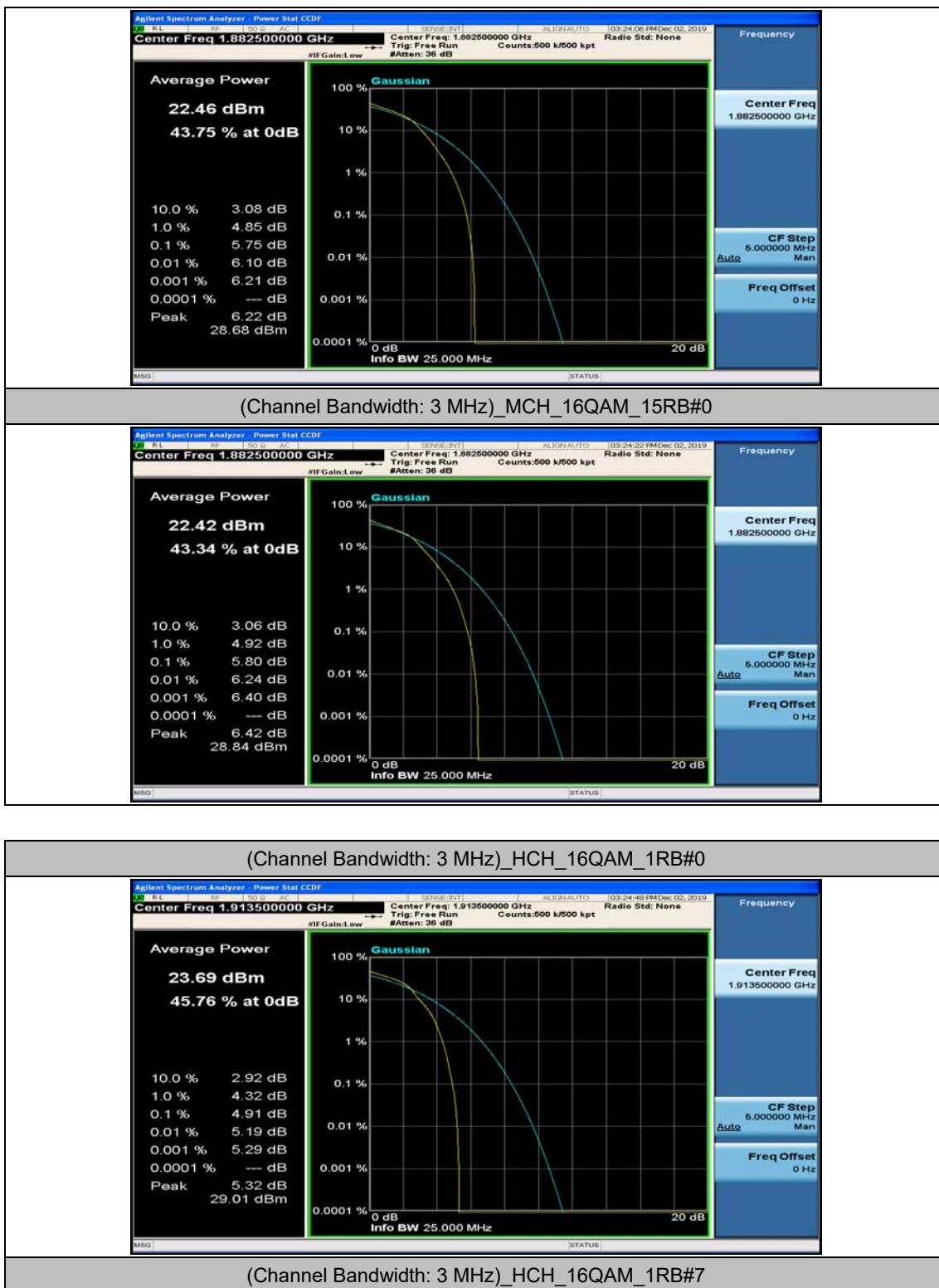


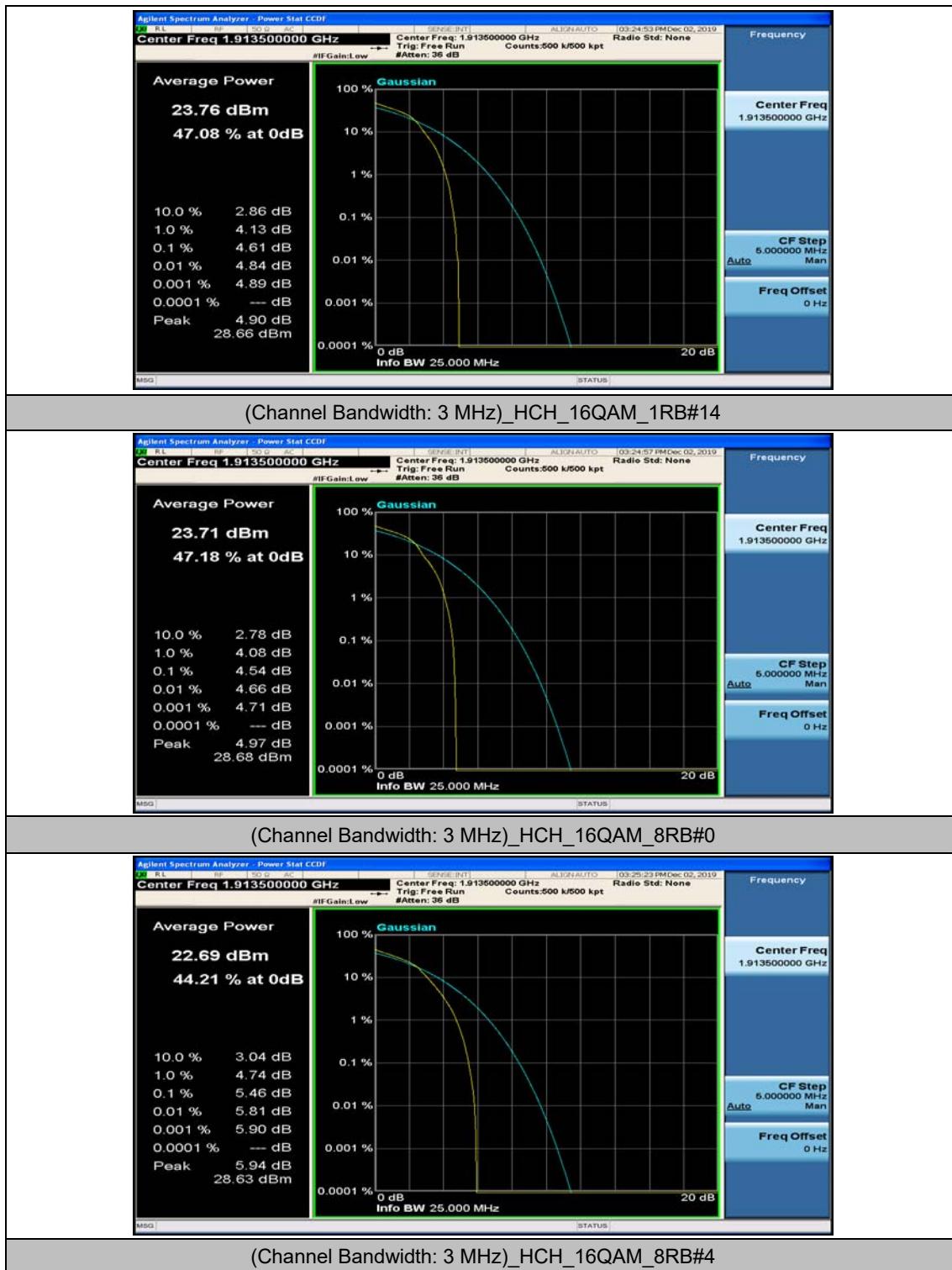


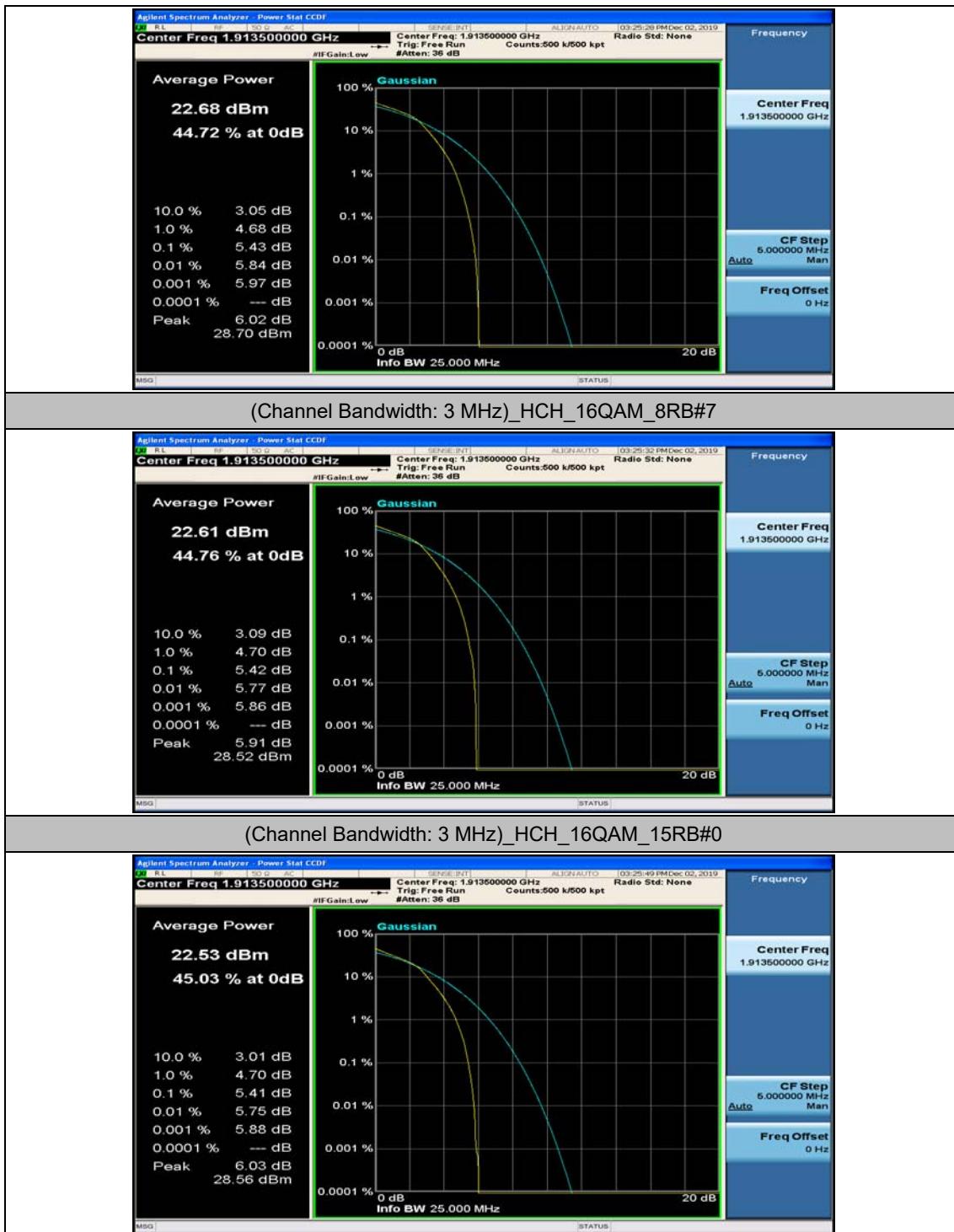


(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_1RB#14

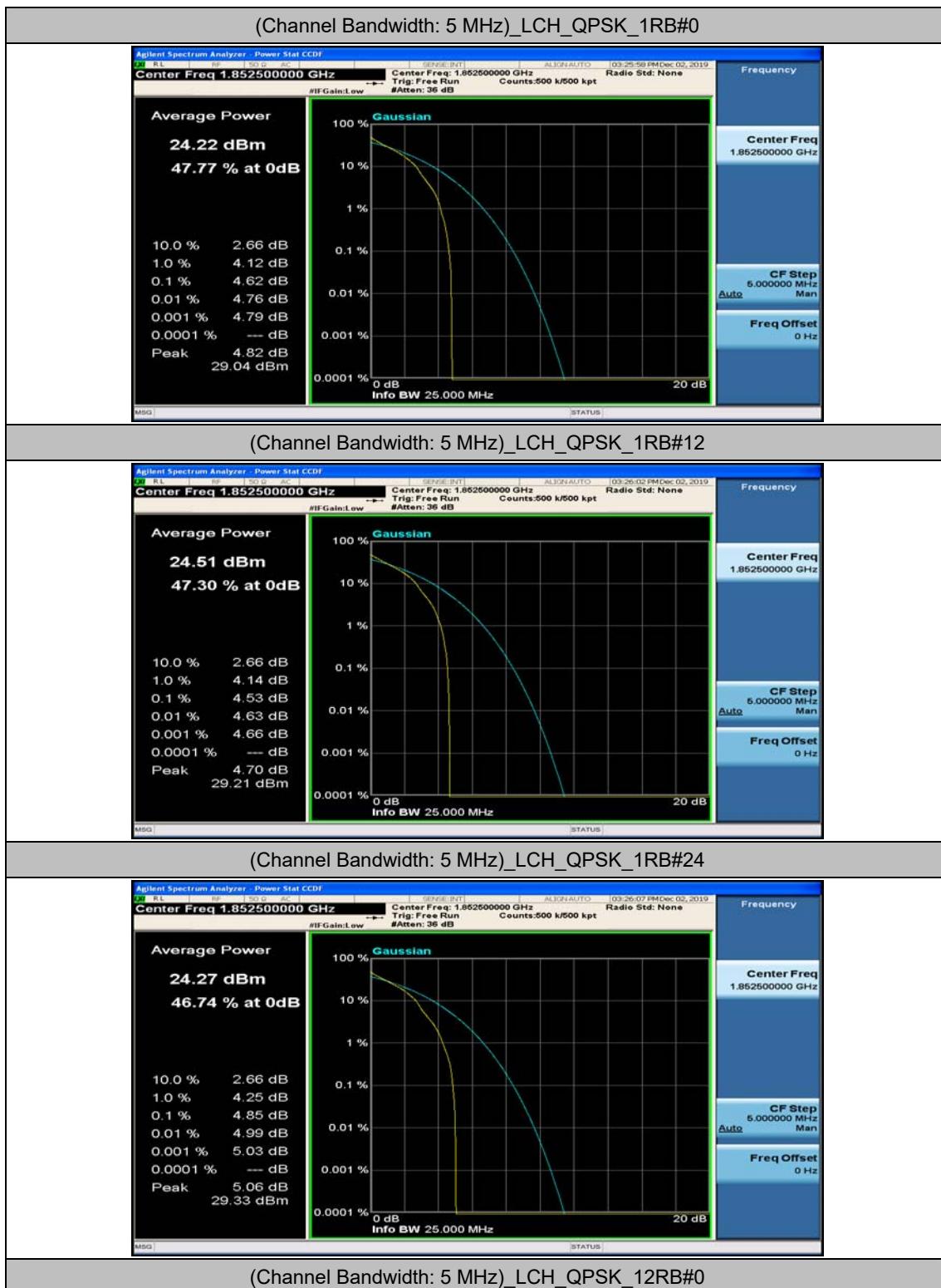


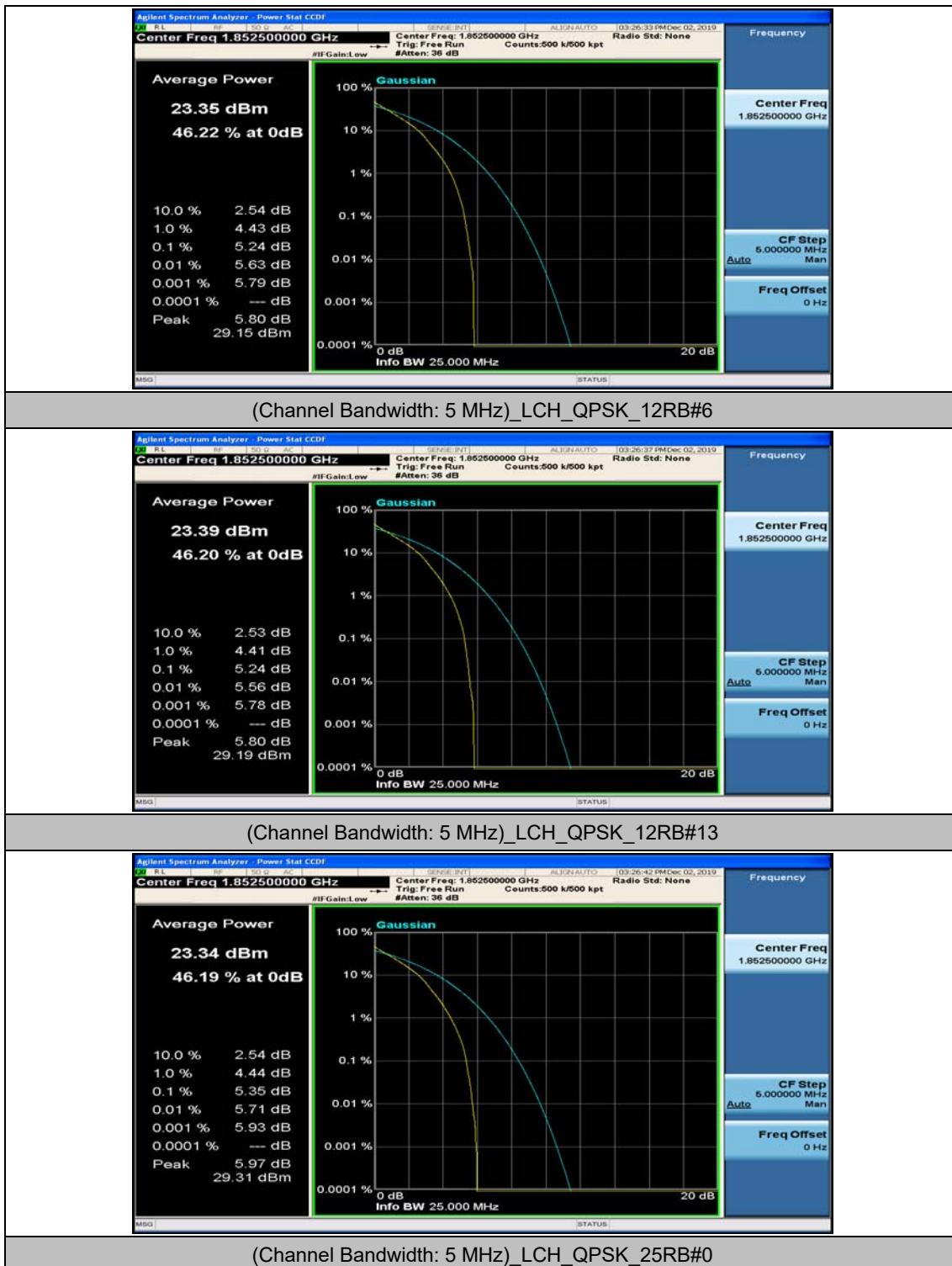


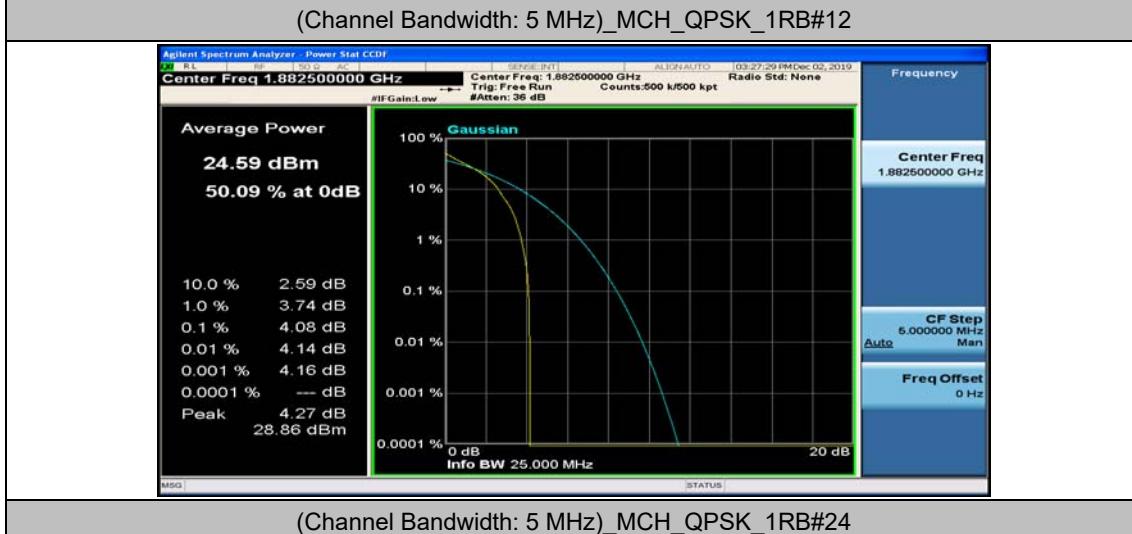
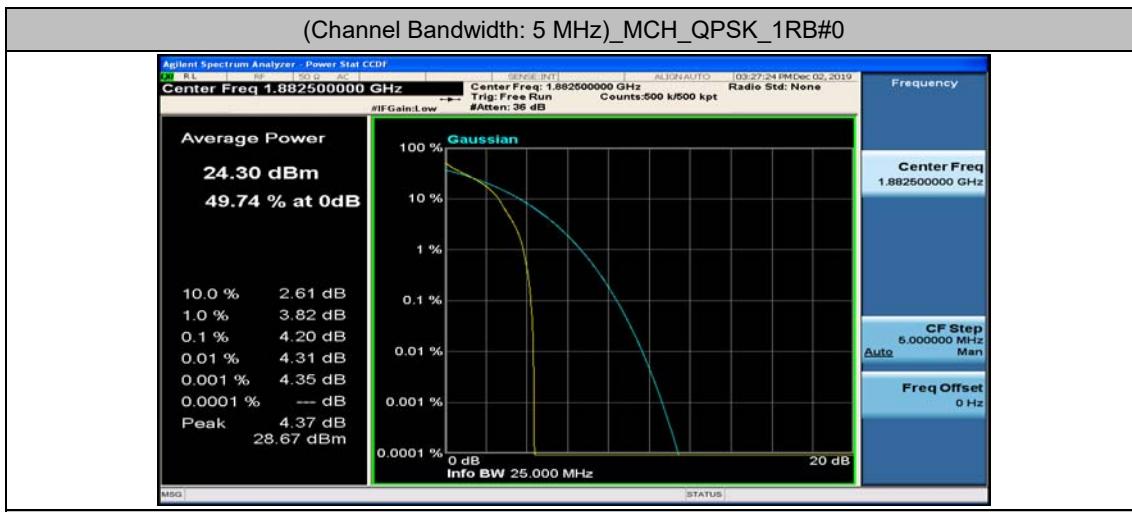
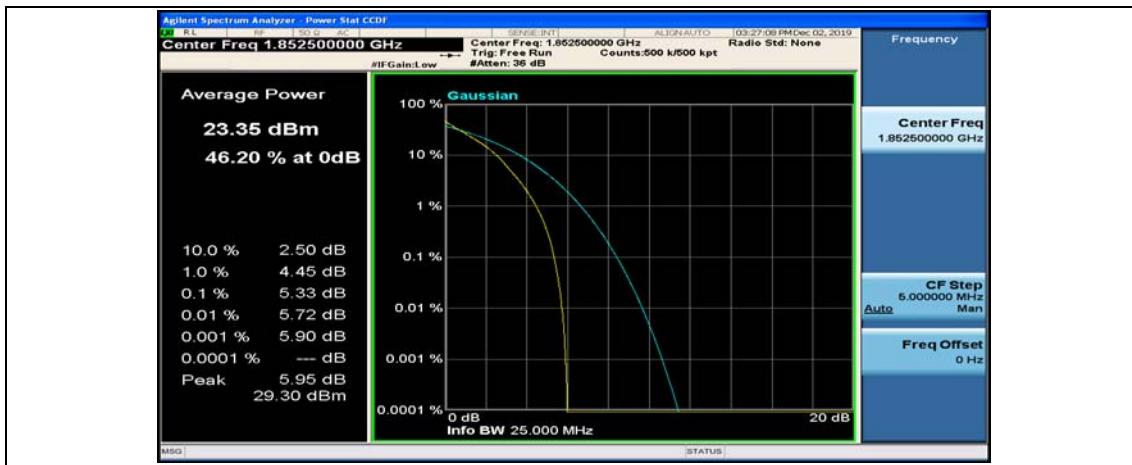


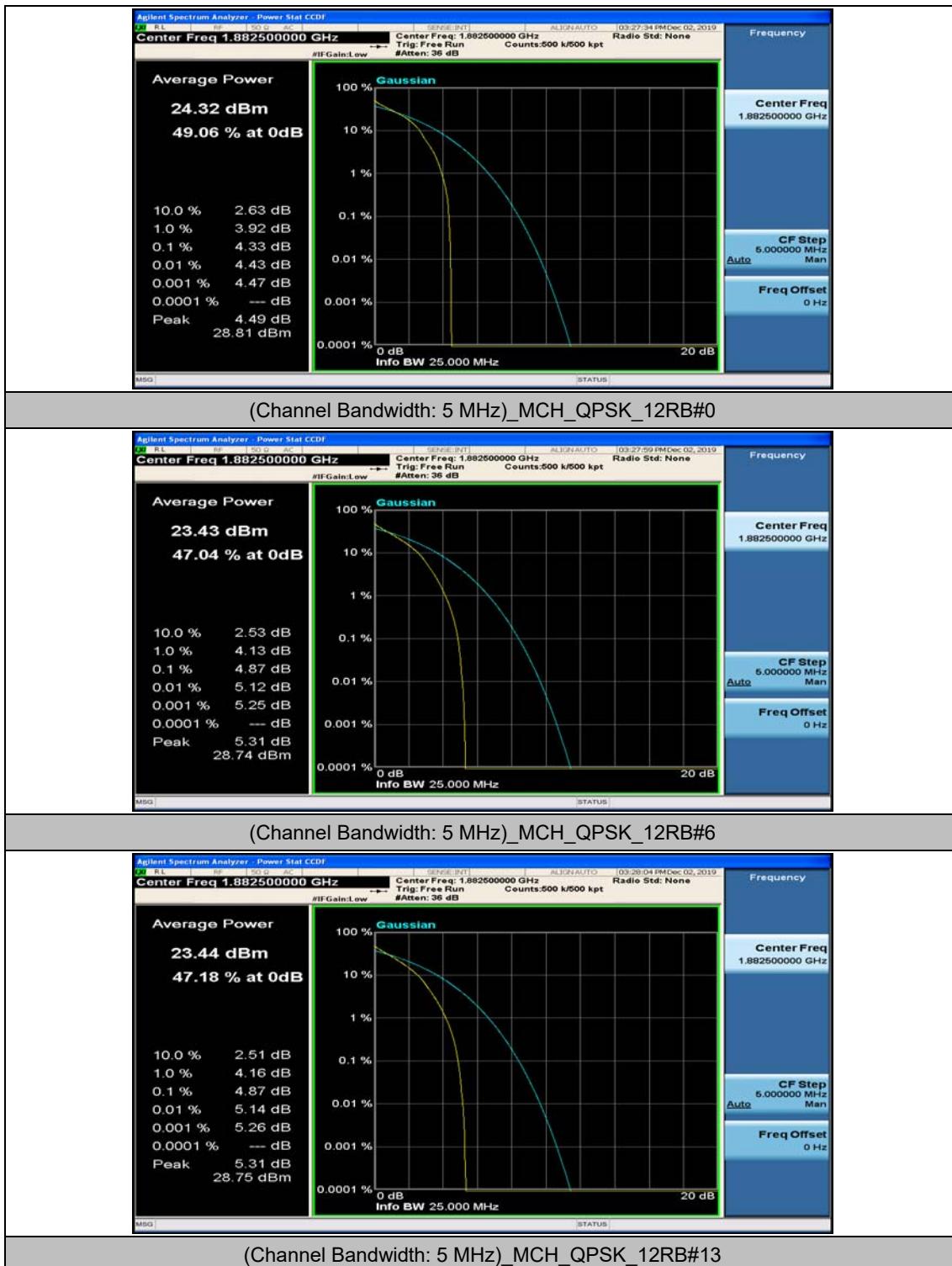


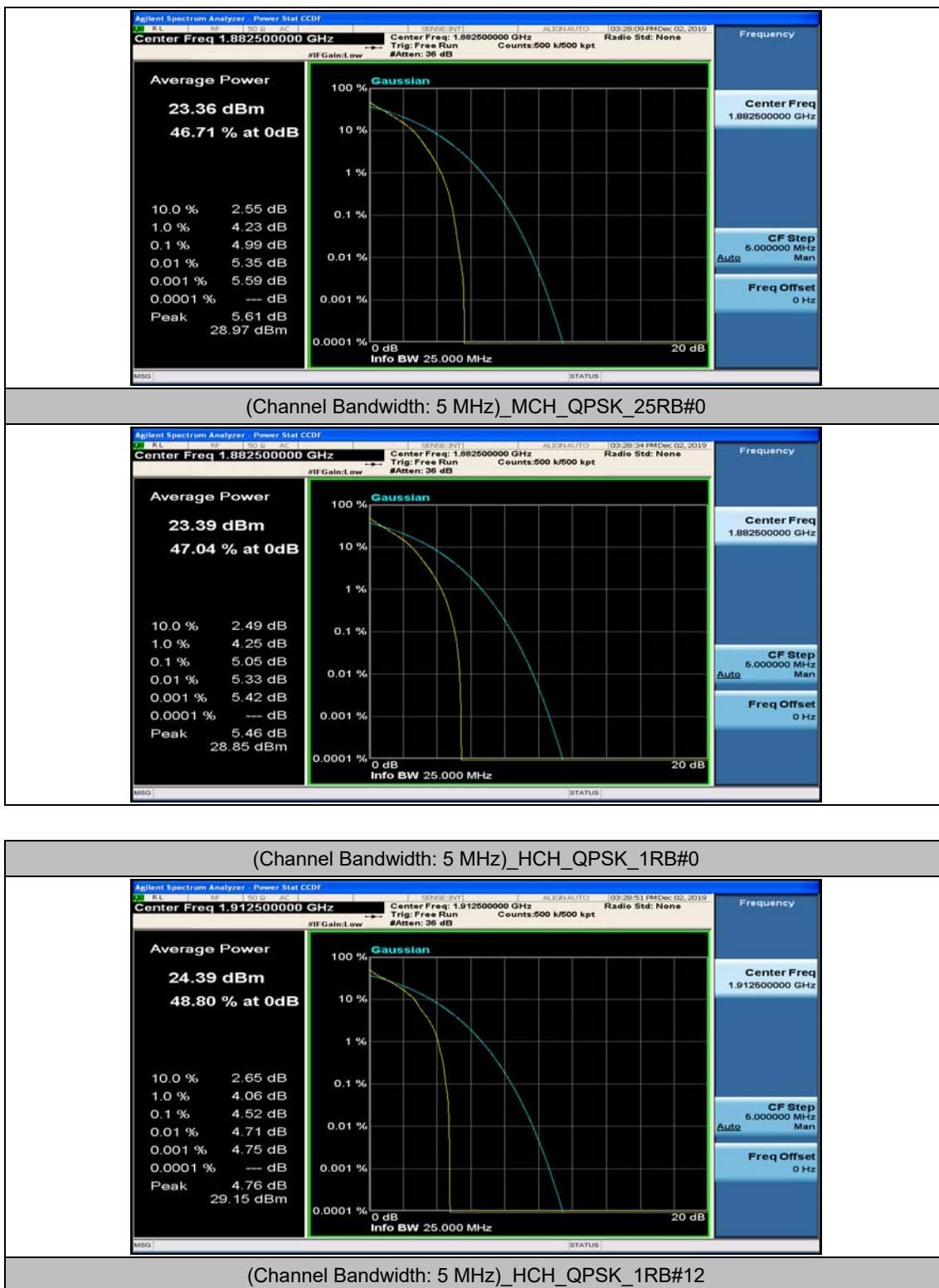
## Channel Bandwidth: 5 MHz

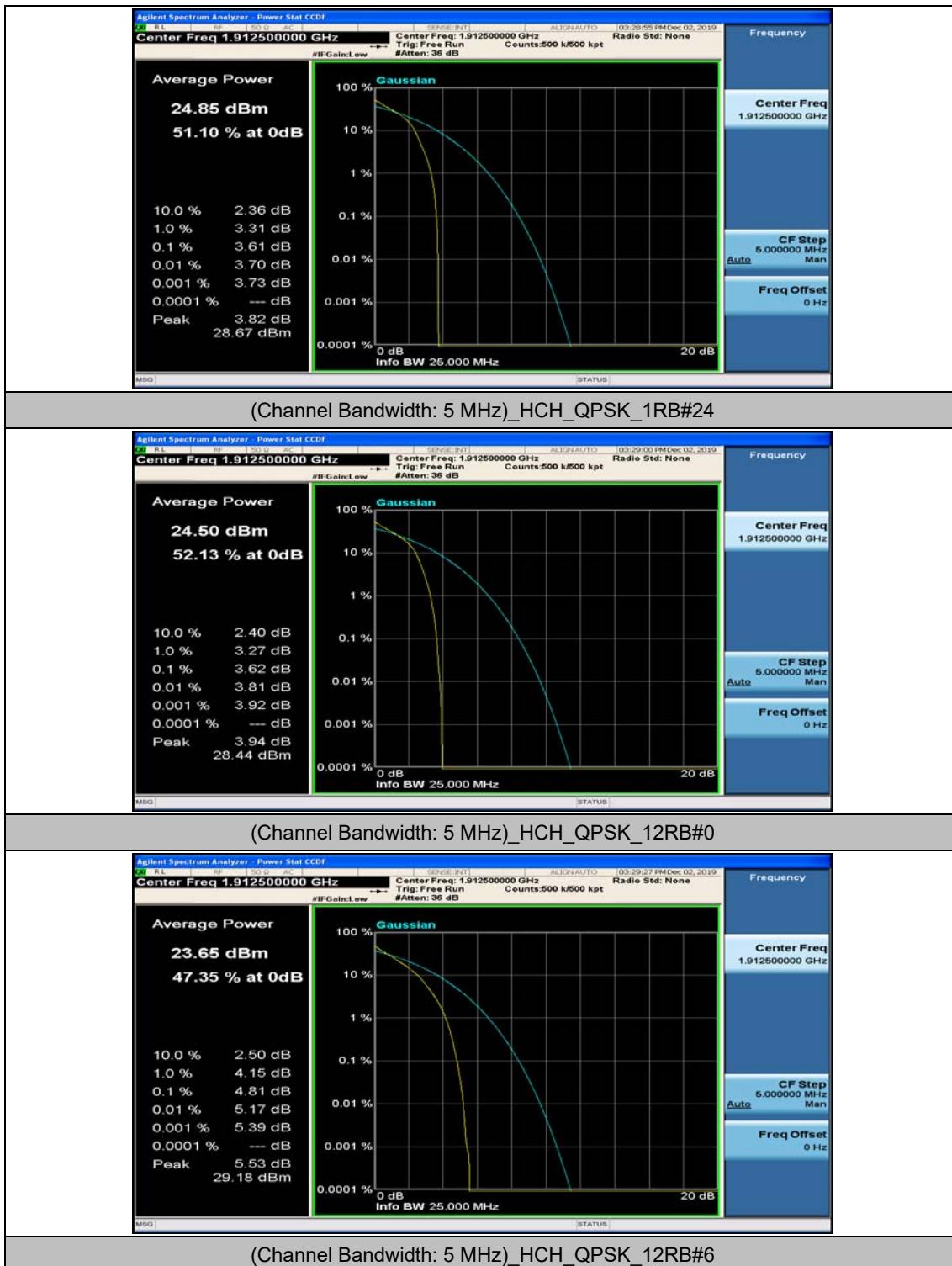


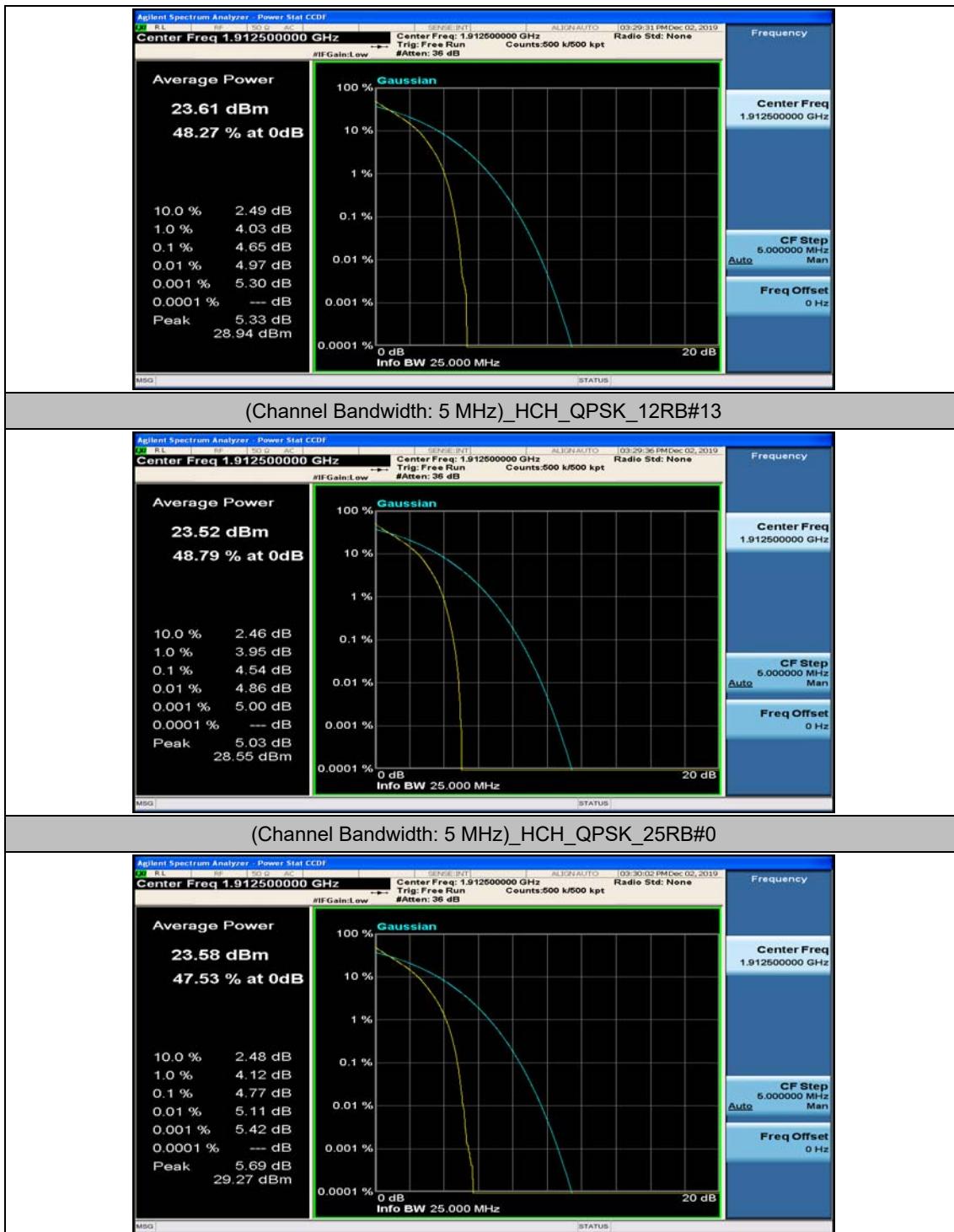


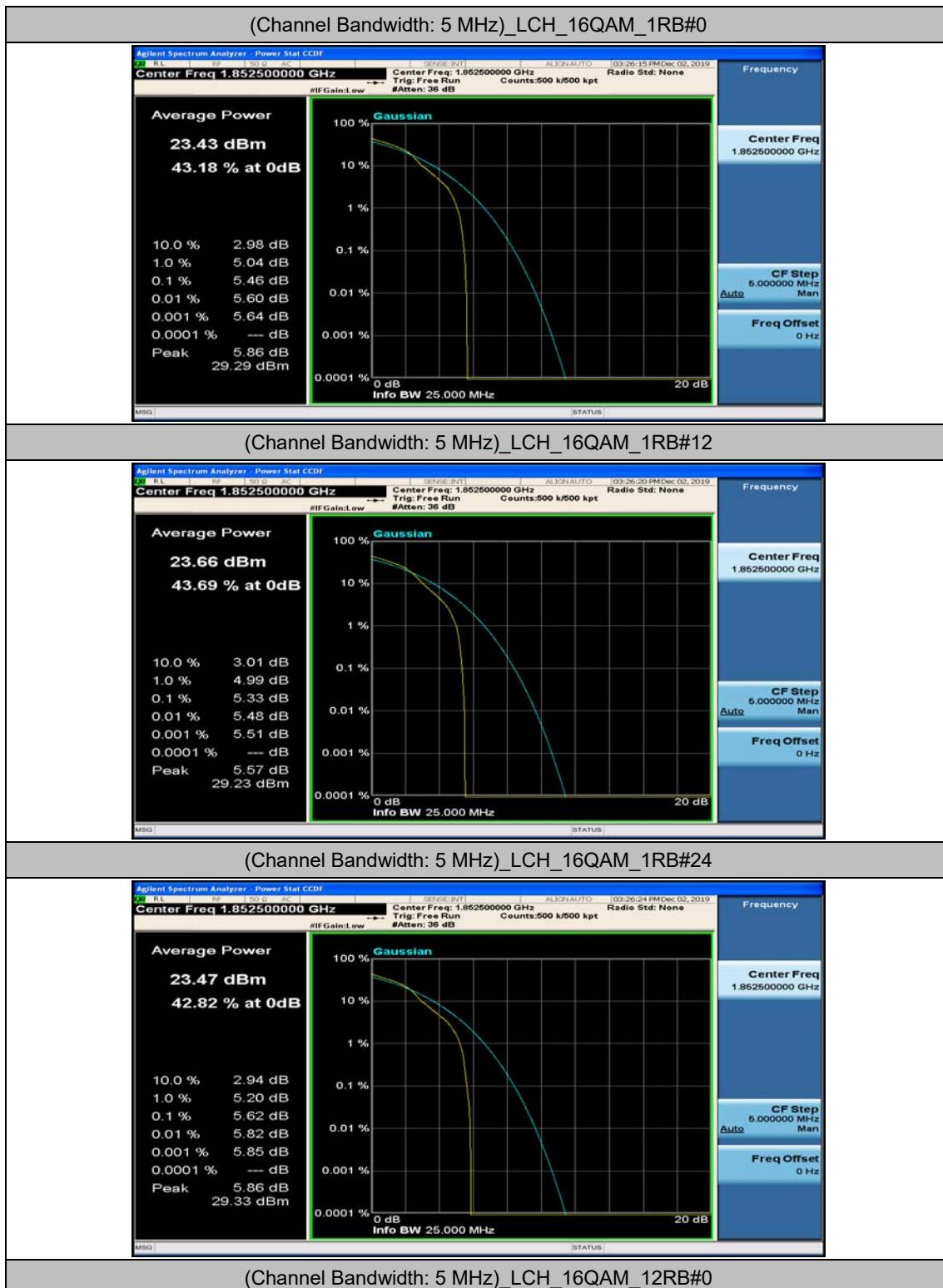


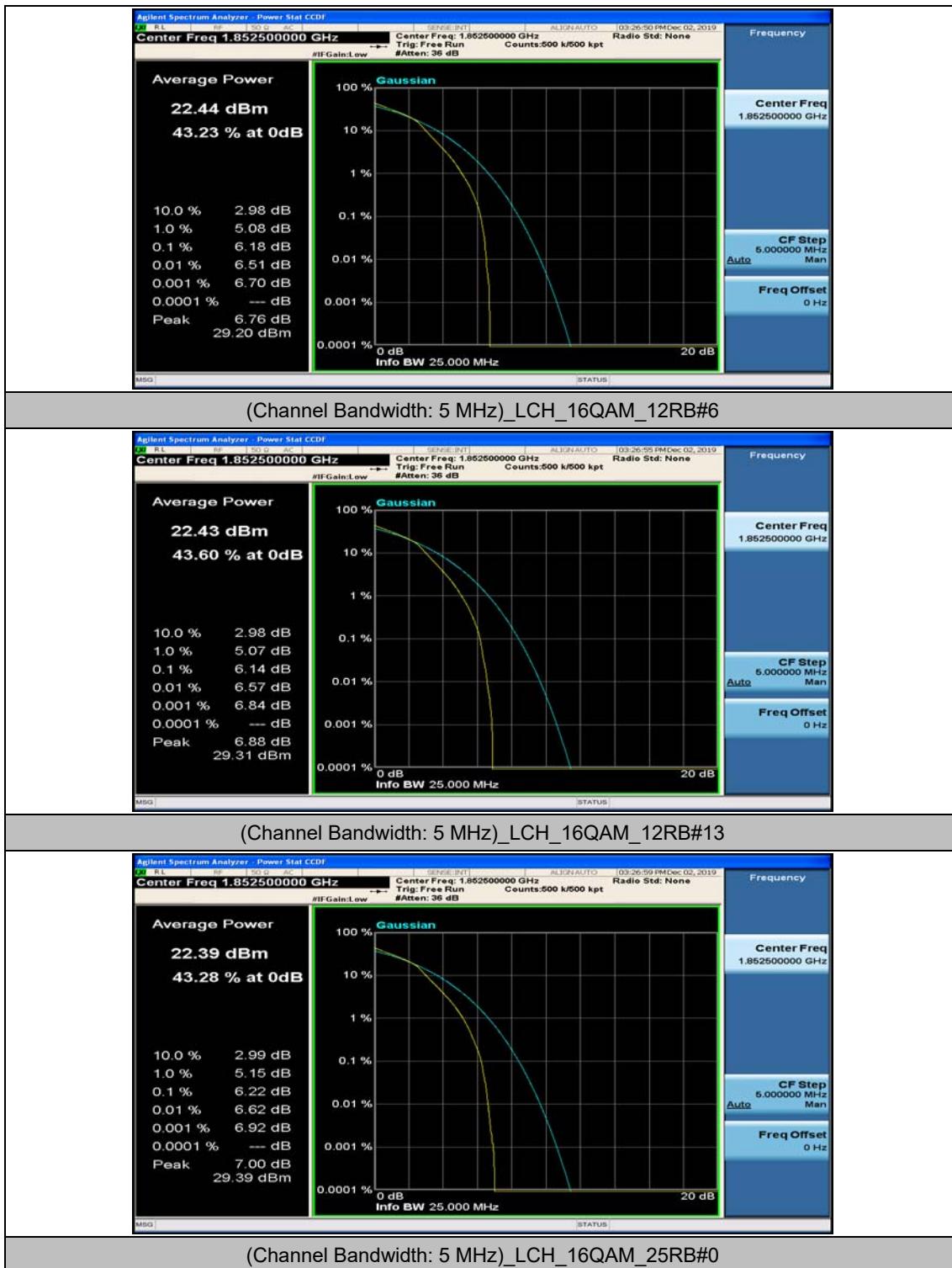


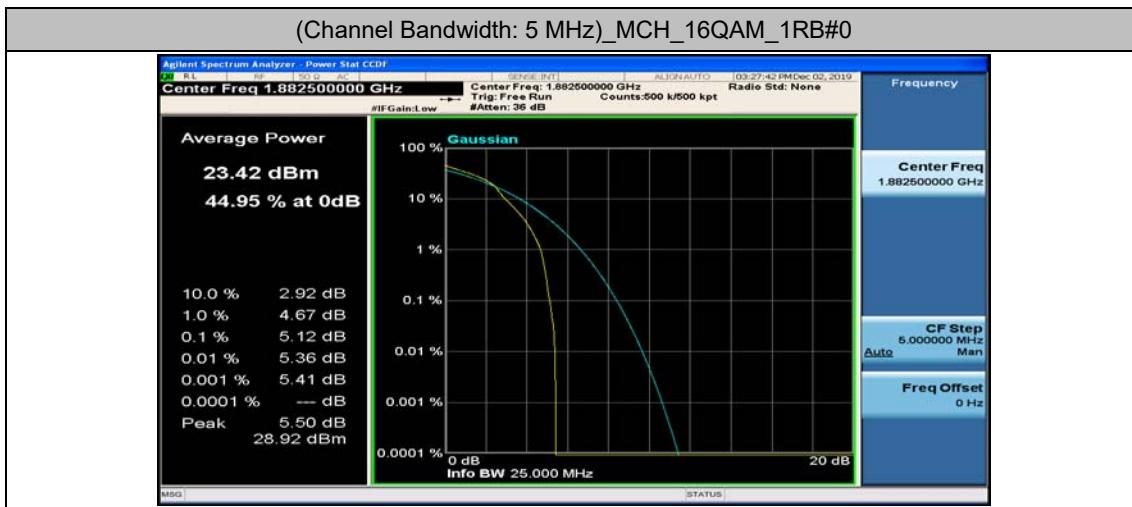
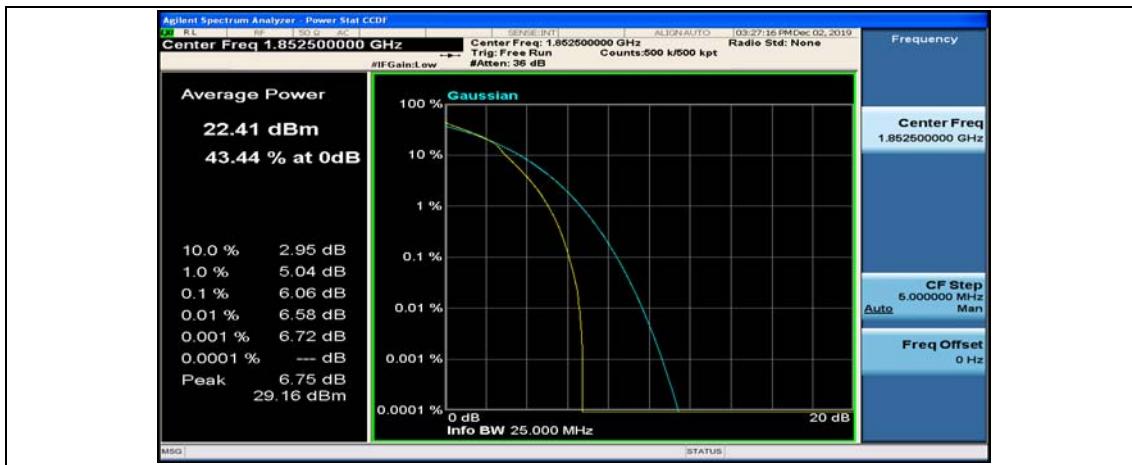




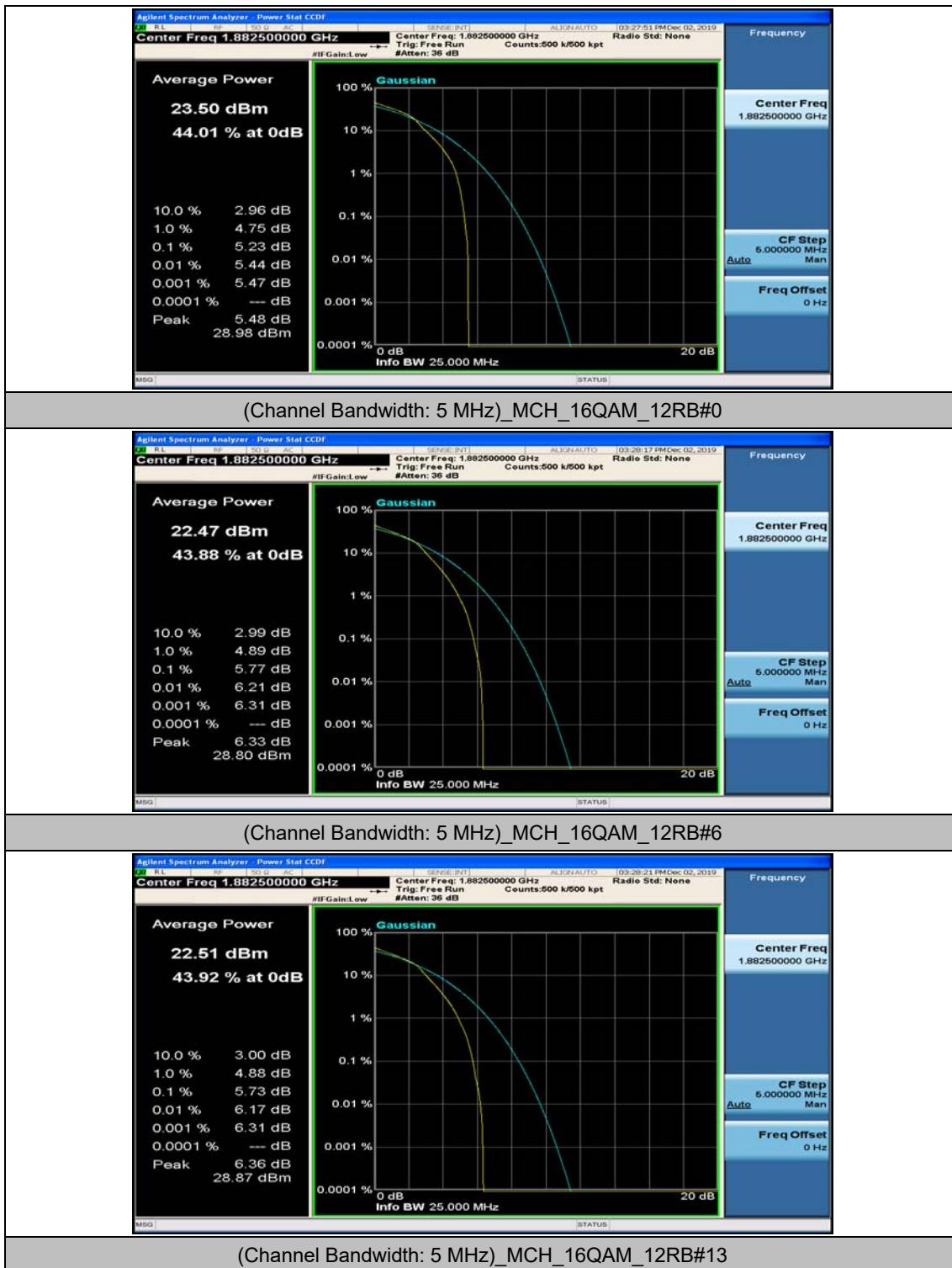


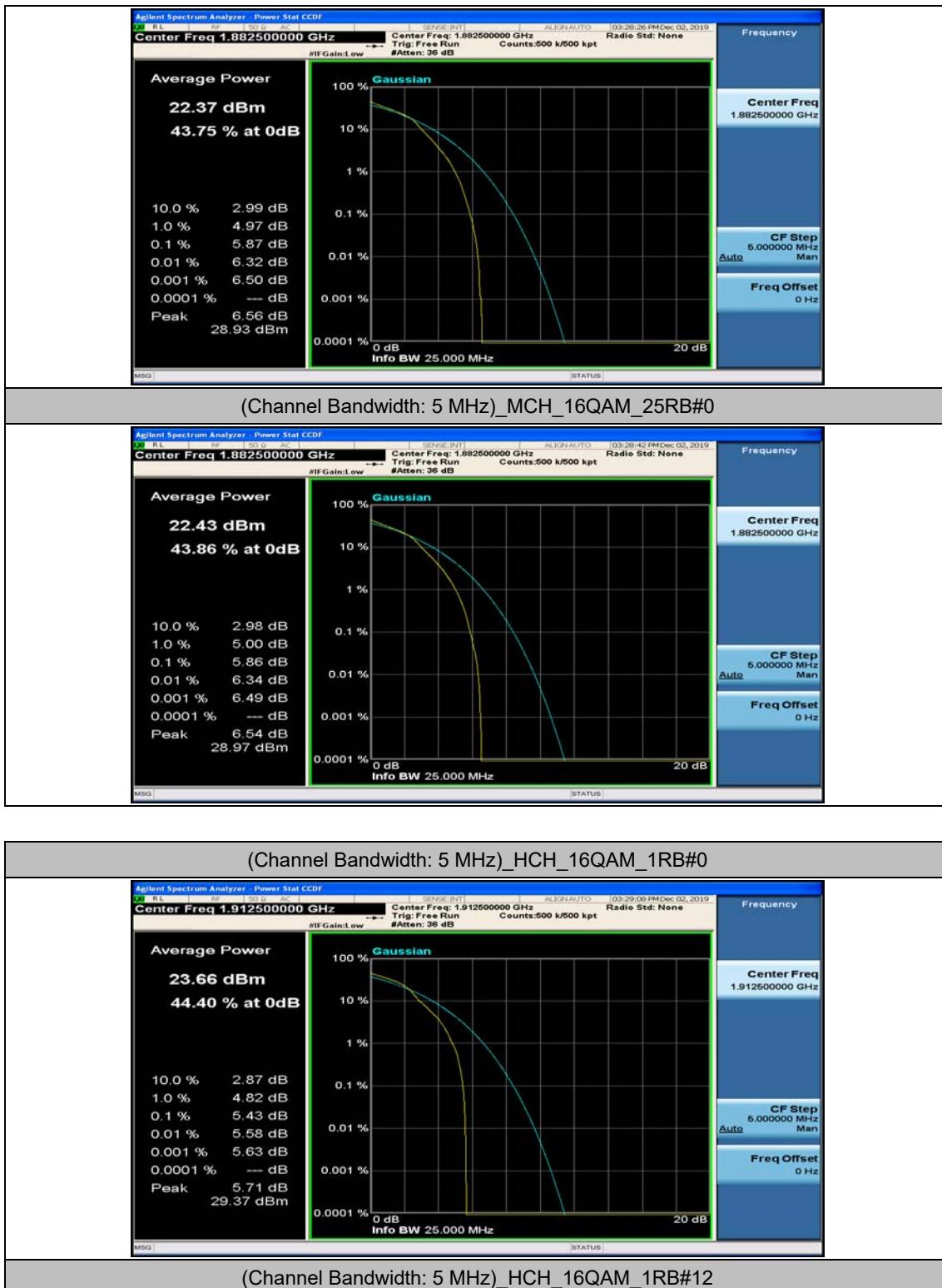


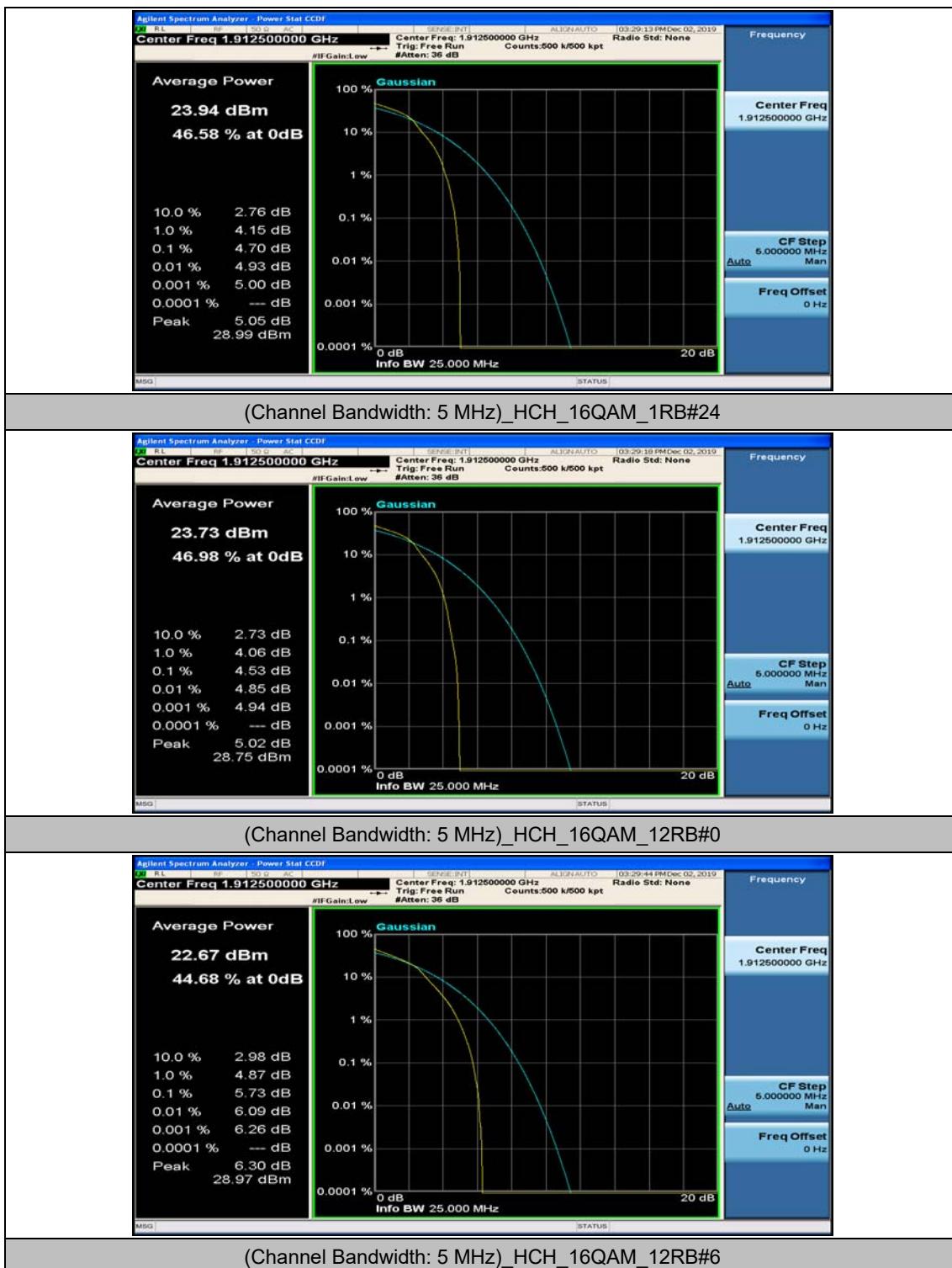


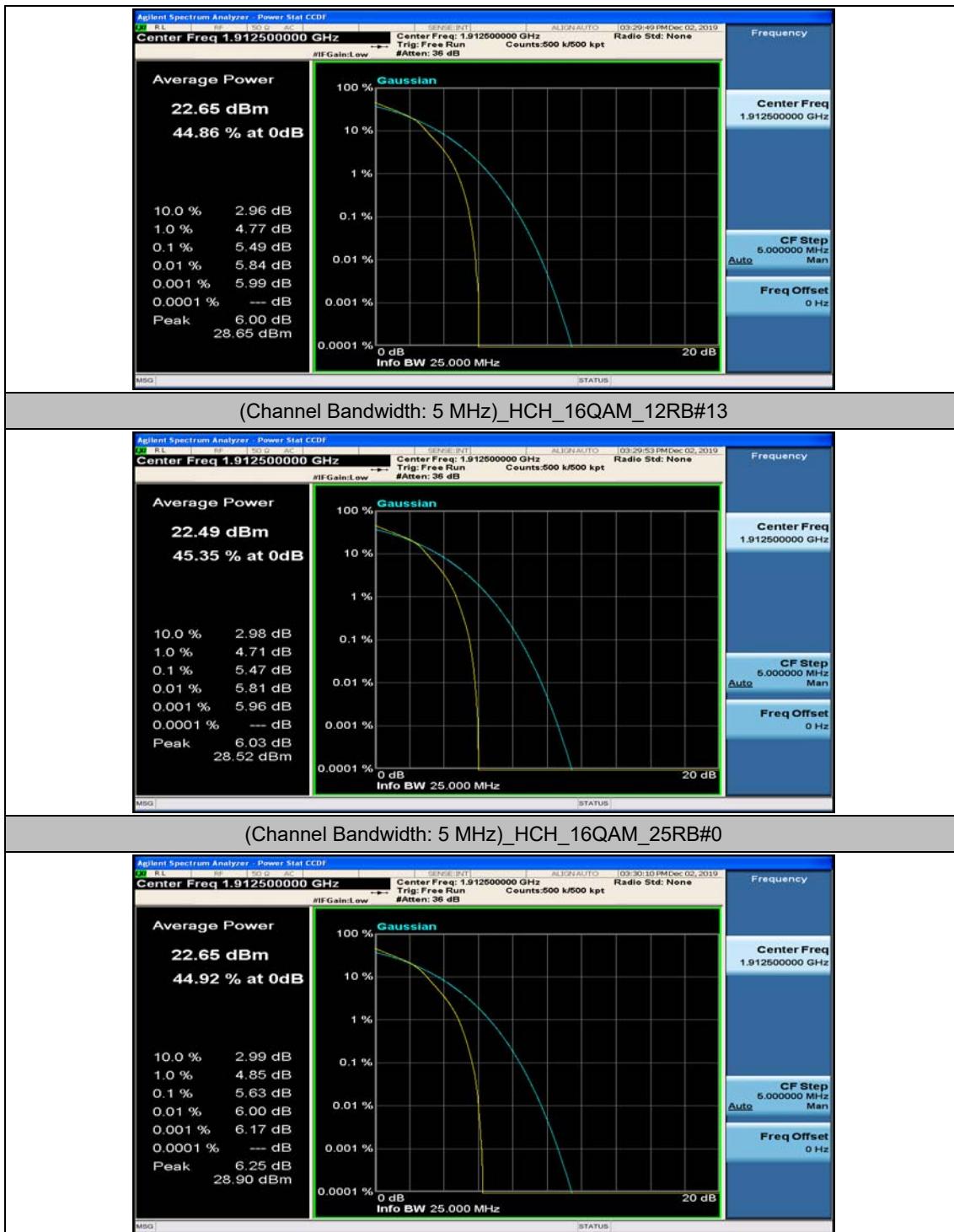


**(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#24**

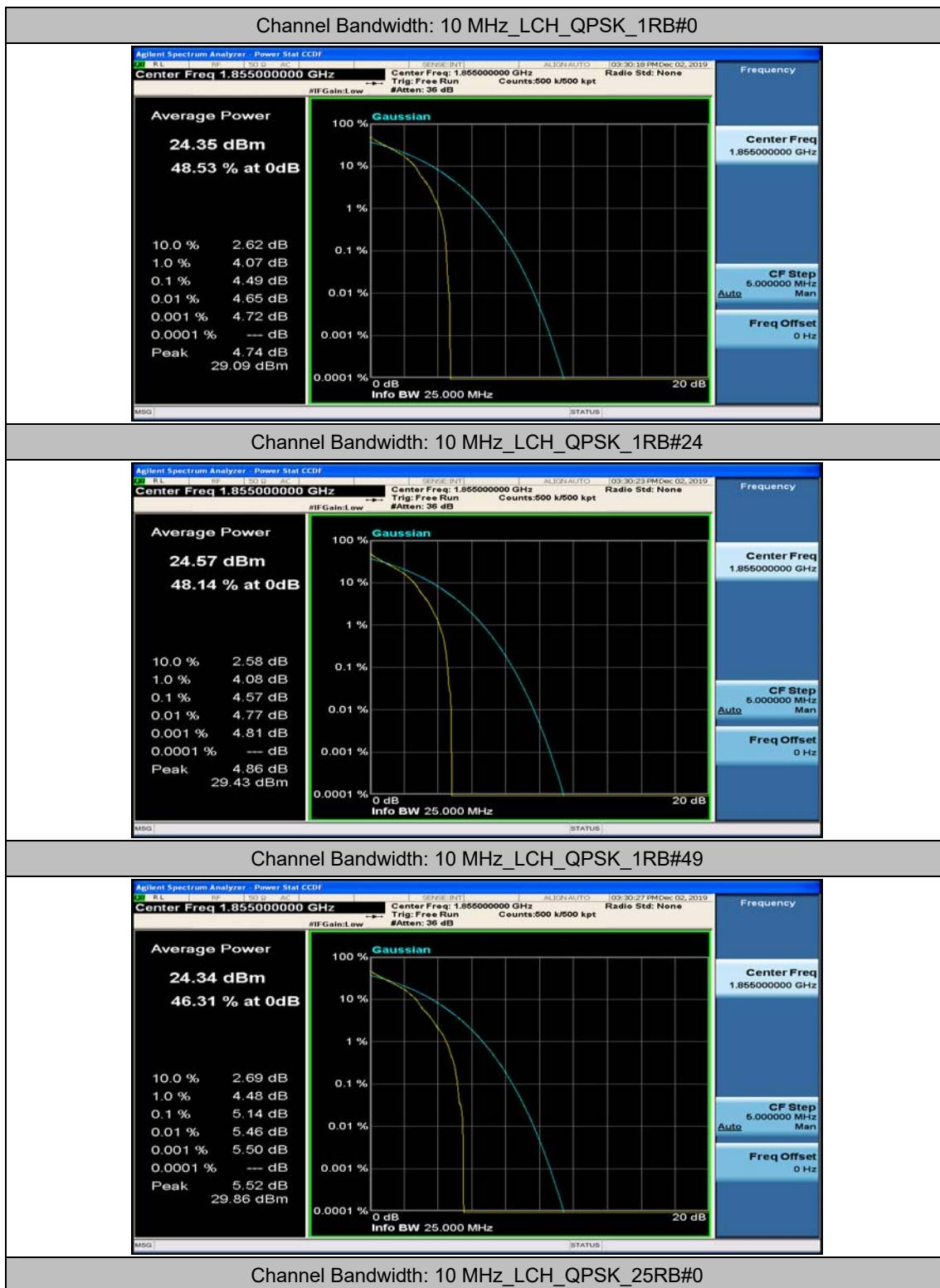


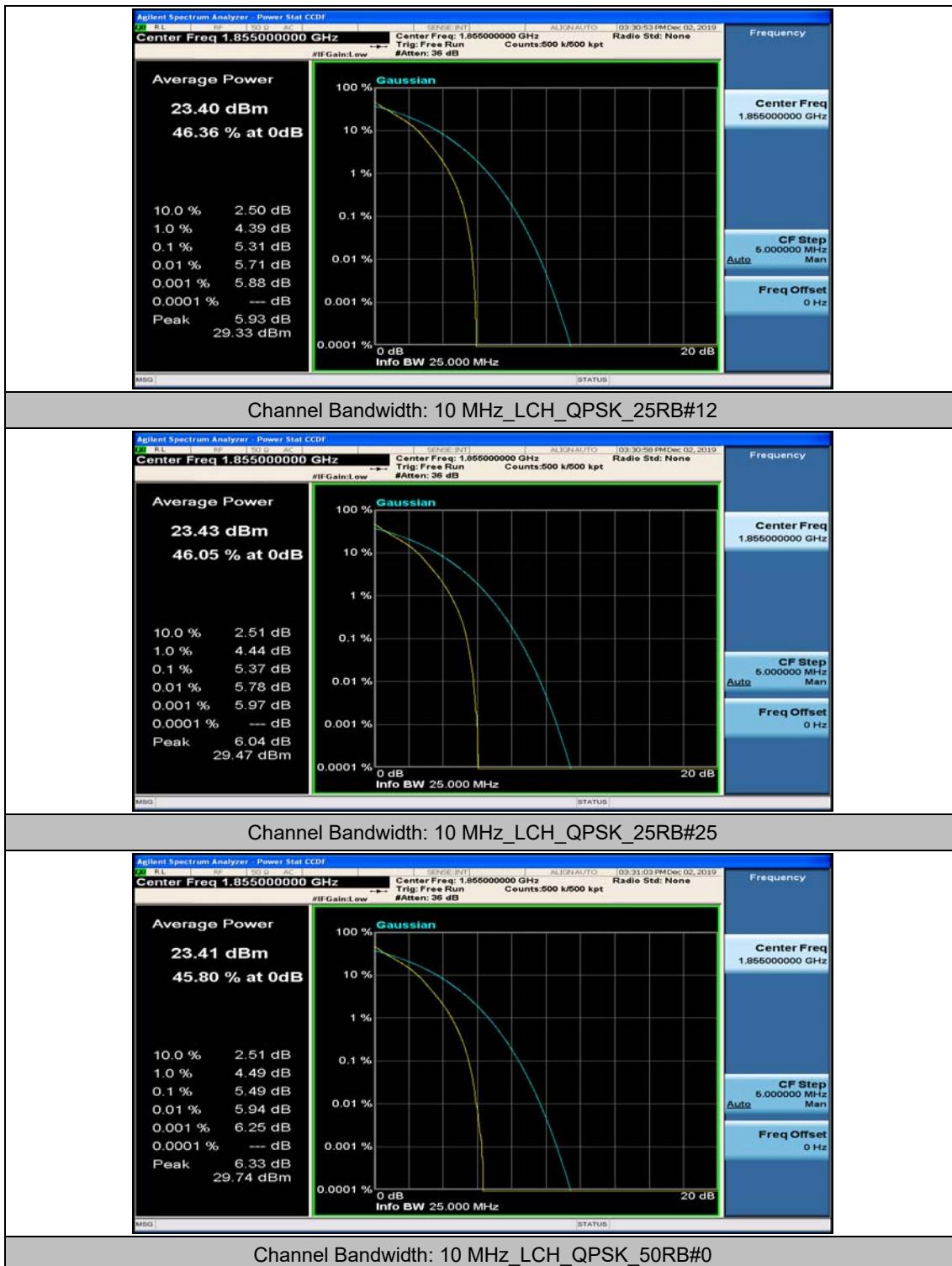


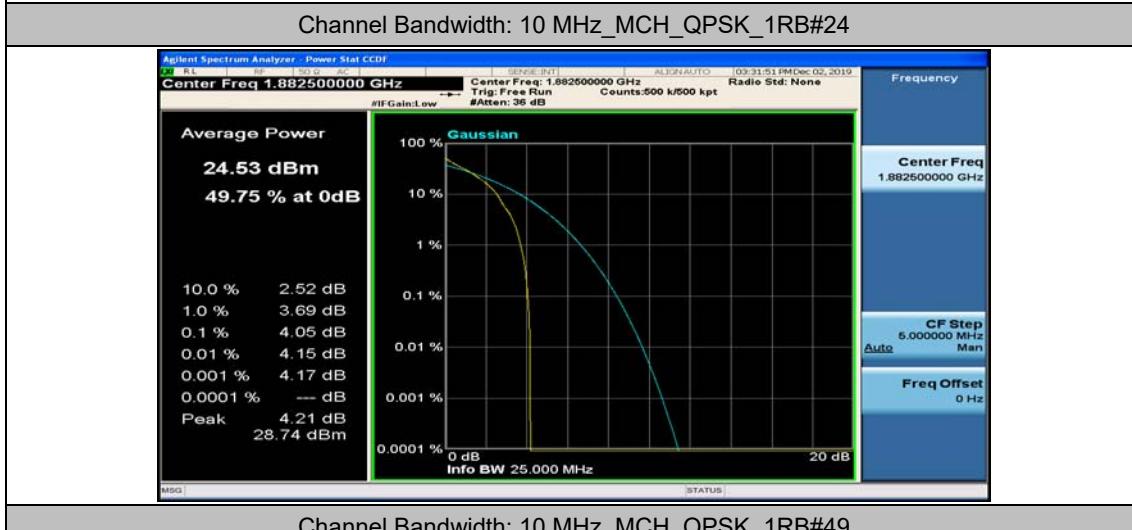
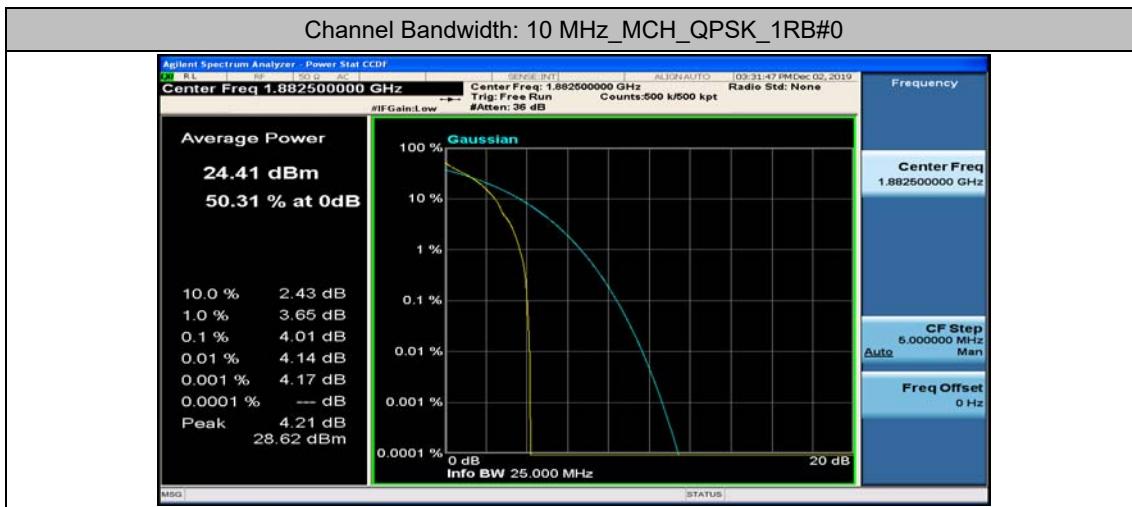
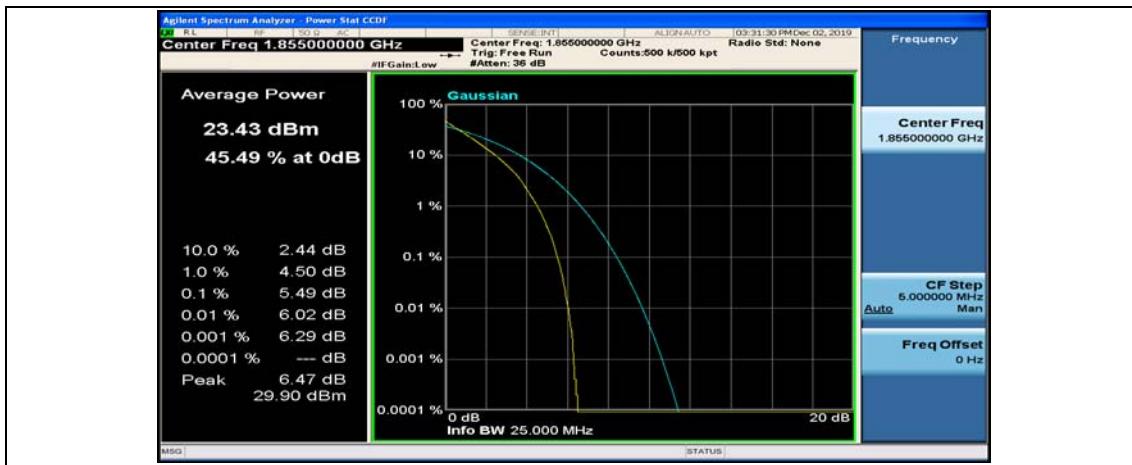




## Channel Bandwidth: 10 MHz







**Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#49**