

## Appendix for Band 2

### 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	24.00	PASS
		1	3	23.99	PASS
		1	5	24.01	PASS
		3	0	23.03	PASS
		3	2	23.00	PASS
		3	3	23.03	PASS
		6	0	23.01	PASS
	MCH	1	0	23.77	PASS
		1	3	23.79	PASS
		1	5	23.77	PASS
		3	0	23.28	PASS
		3	2	23.25	PASS
		3	3	23.21	PASS
		6	0	22.74	PASS
16QAM	HCH	1	0	23.48	PASS
		1	3	23.54	PASS
		1	5	23.45	PASS
		3	0	23.22	PASS
		3	2	23.26	PASS
		3	3	23.25	PASS
		6	0	22.25	PASS
	LCH	1	0	23.03	PASS
		1	3	23.05	PASS
		1	5	23.02	PASS
		3	0	23.16	PASS
		3	2	23.16	PASS
		3	3	23.13	PASS
		6	0	21.95	PASS
	MCH	1	0	22.89	PASS
		1	3	22.99	PASS
		1	5	22.98	PASS
		3	0	22.80	PASS

		3	2	22.81	PASS
		3	3	22.84	PASS
		6	0	21.76	PASS
HCH		1	0	22.73	PASS
		1	3	22.76	PASS
		1	5	22.75	PASS
		3	0	22.49	PASS
		3	2	22.46	PASS
		3	3	22.46	PASS
		6	0	21.78	PASS

### Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.86	PASS
		1	7	23.82	PASS
		1	14	23.84	PASS
		8	0	23.00	PASS
		8	4	22.90	PASS
		8	7	22.90	PASS
		15	0	22.88	PASS
	MCH	1	0	23.76	PASS
		1	7	23.78	PASS
		1	14	23.78	PASS
		8	0	22.84	PASS
		8	4	22.74	PASS
		8	7	22.79	PASS
		15	0	22.72	PASS
	HCH	1	0	23.53	PASS
		1	7	23.56	PASS
		1	14	23.47	PASS
		8	0	22.57	PASS
		8	4	22.50	PASS
		8	7	22.58	PASS
		15	0	22.60	PASS
16QAM	LCH	1	0	22.87	PASS
		1	7	22.81	PASS
		1	14	22.80	PASS
		8	0	21.99	PASS
		8	4	21.93	PASS
		8	7	21.92	PASS
		15	0	22.01	PASS

	MCH	1	0	23.12	PASS
		1	7	23.24	PASS
		1	14	23.21	PASS
		8	0	21.87	PASS
		8	4	21.95	PASS
		8	7	21.91	PASS
		15	0	21.89	PASS
	HCH	1	0	23.23	PASS
		1	7	23.21	PASS
		1	14	23.16	PASS
		8	0	21.71	PASS
		8	4	21.77	PASS
		8	7	21.76	PASS
		15	0	21.68	PASS

### Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.95	PASS
		1	12	23.87	PASS
		1	24	23.79	PASS
		12	0	22.89	PASS
		12	6	22.90	PASS
		12	13	22.88	PASS
		25	0	22.99	PASS
	MCH	1	0	23.61	PASS
		1	12	23.67	PASS
		1	24	23.69	PASS
		12	0	22.80	PASS
		12	6	22.69	PASS
		12	13	22.79	PASS
		25	0	22.82	PASS
	HCH	1	0	23.69	PASS
		1	12	23.69	PASS
		1	24	23.72	PASS
		12	0	22.55	PASS
		12	6	22.51	PASS
		12	13	22.55	PASS
		25	0	22.53	PASS
16QAM	LCH	1	0	23.04	PASS
		1	12	22.99	PASS
		1	24	22.94	PASS

		12	0	22.06	PASS
		12	6	22.01	PASS
		12	13	21.94	PASS
		25	0	22.11	PASS
MCH		1	0	23.29	PASS
		1	12	23.30	PASS
		1	24	23.32	PASS
		12	0	22.00	PASS
		12	6	21.94	PASS
		12	13	21.97	PASS
		25	0	22.09	PASS
HCH		1	0	22.58	PASS
		1	12	22.64	PASS
		1	24	22.62	PASS
		12	0	21.42	PASS
		12	6	21.43	PASS
		12	13	21.51	PASS
		25	0	21.61	PASS

### Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.08	PASS
		1	24	24.02	PASS
		1	49	23.70	PASS
		25	0	23.14	PASS
		25	12	22.90	PASS
		25	25	22.75	PASS
		50	0	22.86	PASS
	MCH	1	0	23.71	PASS
		1	24	23.75	PASS
		1	49	23.71	PASS
		25	0	22.87	PASS
		25	12	22.75	PASS
		25	25	22.82	PASS
		50	0	22.87	PASS
	HCH	1	0	23.52	PASS
		1	24	23.55	PASS
		1	49	23.56	PASS
		25	0	22.46	PASS
		25	12	22.42	PASS
		25	25	22.56	PASS

		50	0	22.56	PASS
16QAM	LCH	1	0	22.96	PASS
		1	24	22.91	PASS
		1	49	22.81	PASS
		25	0	21.95	PASS
		25	12	21.81	PASS
		25	25	21.90	PASS
		50	0	21.98	PASS
	MCH	1	0	23.38	PASS
		1	24	23.29	PASS
		1	49	23.31	PASS
		25	0	21.92	PASS
		25	12	21.94	PASS
		25	25	21.93	PASS
		50	0	21.98	PASS
	HCH	1	0	22.68	PASS
		1	24	22.68	PASS
		1	49	22.73	PASS
		25	0	21.58	PASS
		25	12	21.49	PASS
		25	25	21.60	PASS
		50	0	21.58	PASS

### Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.88	PASS
		1	37	23.74	PASS
		1	74	23.70	PASS
		37	0	22.92	PASS
		37	18	22.89	PASS
		37	38	22.77	PASS
		75	0	22.75	PASS
	MCH	1	0	23.86	PASS
		1	37	23.89	PASS
		1	74	23.81	PASS
		37	0	22.70	PASS
		37	18	22.80	PASS
		37	38	22.79	PASS
		75	0	22.75	PASS
	HCH	1	0	23.73	PASS
		1	37	23.48	PASS

		1	74	23.45	PASS
		37	0	22.58	PASS
		37	18	22.45	PASS
		37	38	22.47	PASS
		75	0	22.51	PASS
16QAM	LCH	1	0	22.95	PASS
		1	37	22.82	PASS
		1	74	22.74	PASS
		37	0	21.86	PASS
		37	18	21.85	PASS
		37	38	21.90	PASS
		75	0	21.99	PASS
	MCH	1	0	22.76	PASS
		1	37	22.72	PASS
		1	74	22.64	PASS
		37	0	21.96	PASS
		37	18	21.88	PASS
		37	38	21.88	PASS
		75	0	21.89	PASS
	HCH	1	0	22.86	PASS
		1	37	22.61	PASS
		1	74	22.67	PASS
		37	0	21.69	PASS
		37	18	21.53	PASS
		37	38	21.62	PASS
		75	0	21.54	PASS

### Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.09	PASS
		1	49	23.89	PASS
		1	99	23.97	PASS
		50	0	23.38	PASS
		50	25	22.84	PASS
		50	50	22.85	PASS
		100	0	22.92	PASS
	MCH	1	0	24.05	PASS
		1	49	24.03	PASS
		1	99	23.98	PASS
		50	0	22.82	PASS
		50	25	22.87	PASS

	HCH	50	50	22.81	PASS
		100	0	22.87	PASS
		1	0	24.03	PASS
		1	49	23.40	PASS
		1	99	23.31	PASS
		50	0	22.63	PASS
		50	25	22.59	PASS
		50	50	22.50	PASS
16QAM	LCH	100	0	22.53	PASS
		1	0	22.62	PASS
		1	49	22.51	PASS
		1	99	22.52	PASS
		50	0	21.90	PASS
		50	25	21.96	PASS
		50	50	21.91	PASS
	MCH	100	0	21.93	PASS
		1	0	22.52	PASS
		1	49	22.67	PASS
		1	99	22.54	PASS
		50	0	21.85	PASS
		50	25	21.96	PASS
		50	50	21.95	PASS
	HCH	100	0	21.98	PASS
		1	0	23.00	PASS
		1	49	22.76	PASS
		1	99	22.80	PASS
		50	0	21.73	PASS
		50	25	21.70	PASS
		50	50	21.59	PASS
		100	0	21.67	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	3.7	<13	PASS
		1	3	3.6	<13	PASS
		1	5	3.66	<13	PASS
		3	0	3.68	<13	PASS
		3	2	3.68	<13	PASS
		3	3	3.74	<13	PASS
		6	0	4.57	<13	PASS
	MCH	1	0	3.72	<13	PASS
		1	3	3.68	<13	PASS
		1	5	3.57	<13	PASS
		3	0	3.83	<13	PASS
		3	2	3.76	<13	PASS
		3	3	3.78	<13	PASS
		6	0	4.53	<13	PASS
16QAM	LCH	1	0	3.67	<13	PASS
		1	3	3.61	<13	PASS
		1	5	3.58	<13	PASS
		3	0	3.76	<13	PASS
		3	2	3.66	<13	PASS
		3	3	3.67	<13	PASS
		6	0	4.56	<13	PASS
	MCH	1	0	3.65	<13	PASS
		1	3	3.75	<13	PASS
		1	5	3.64	<13	PASS
		3	0	4.69	<13	PASS
		3	2	4.65	<13	PASS
		3	3	4.8	<13	PASS
		6	0	5.44	<13	PASS

		3	2	4.81	<13	PASS
		3	3	4.8	<13	PASS
		6	0	5.5	<13	PASS
HCH		1	0	4.63	<13	PASS
		1	3	4.51	<13	PASS
		1	5	4.5	<13	PASS
		3	0	4.75	<13	PASS
		3	2	4.8	<13	PASS
		3	3	4.71	<13	PASS
		6	0	5.51	<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	3.73	<13	PASS
		1	7	3.75	<13	PASS
		1	14	3.78	<13	PASS
		8	0	4.55	<13	PASS
		8	4	4.57	<13	PASS
		8	7	4.6	<13	PASS
		15	0	4.63	<13	PASS
	MCH	1	0	3.72	<13	PASS
		1	7	3.6	<13	PASS
		1	14	3.59	<13	PASS
		8	0	4.58	<13	PASS
		8	4	4.49	<13	PASS
		8	7	4.44	<13	PASS
		15	0	4.53	<13	PASS
	HCH	1	0	3.97	<13	PASS
		1	7	3.7	<13	PASS
		1	14	3.61	<13	PASS
		8	0	4.84	<13	PASS
		8	4	4.68	<13	PASS
		8	7	4.73	<13	PASS
		15	0	4.65	<13	PASS
16QAM	LCH	1	0	3.75	<13	PASS
		1	7	3.89	<13	PASS
		1	14	3.92	<13	PASS
		8	0	5.38	<13	PASS
		8	4	5.4	<13	PASS

		8	7	5.49	<13	PASS
		15	0	5.47	<13	PASS
MCH	1	0		4.77	<13	PASS
	1	7		4.55	<13	PASS
	1	14		4.41	<13	PASS
	8	0		5.41	<13	PASS
	8	4		5.35	<13	PASS
	8	7		5.23	<13	PASS
	15	0		5.38	<13	PASS
HCH	1	0		4.25	<13	PASS
	1	7		4.17	<13	PASS
	1	14		3.97	<13	PASS
	8	0		5.64	<13	PASS
	8	4		5.54	<13	PASS
	8	7		5.45	<13	PASS
	15	0		5.53	<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	3.8	<13	PASS
		1	12	3.98	<13	PASS
		1	24	4.21	<13	PASS
		12	0	4.61	<13	PASS
		12	6	4.65	<13	PASS
		12	13	4.76	<13	PASS
		25	0	4.63	<13	PASS
	MCH	1	0	4.11	<13	PASS
		1	12	3.87	<13	PASS
		1	24	3.71	<13	PASS
		12	0	4.56	<13	PASS
		12	6	4.48	<13	PASS
		12	13	4.48	<13	PASS
		25	0	4.58	<13	PASS
	HCH	1	0	4.05	<13	PASS
		1	12	3.81	<13	PASS
		1	24	3.51	<13	PASS
		12	0	4.9	<13	PASS
		12	6	4.79	<13	PASS
		12	13	4.7	<13	PASS

		25	0	4.79	<13	PASS
16QAM	LCH	1	0	4.78	<13	PASS
		1	12	4.87	<13	PASS
		1	24	4.97	<13	PASS
		12	0	5.5	<13	PASS
		12	6	5.58	<13	PASS
		12	13	5.61	<13	PASS
		25	0	5.39	<13	PASS
	MCH	1	0	4.64	<13	PASS
		1	12	4.36	<13	PASS
		1	24	4.21	<13	PASS
		12	0	5.43	<13	PASS
		12	6	5.4	<13	PASS
		12	13	5.38	<13	PASS
		25	0	5.32	<13	PASS
	HCH	1	0	5.44	<13	PASS
		1	12	5.01	<13	PASS
		1	24	4.87	<13	PASS
		12	0	5.75	<13	PASS
		12	6	5.7	<13	PASS
		12	13	5.57	<13	PASS
		25	0	5.56	<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	3.79	<13	PASS
		1	24	4.11	<13	PASS
		1	49	4.62	<13	PASS
		25	0	4.61	<13	PASS
		25	12	4.84	<13	PASS
		25	25	5.06	<13	PASS
		50	0	4.95	<13	PASS
	MCH	1	0	4.02	<13	PASS
		1	24	3.73	<13	PASS
		1	49	3.43	<13	PASS
		25	0	4.72	<13	PASS
		25	12	4.57	<13	PASS
		25	25	4.48	<13	PASS
		50	0	4.6	<13	PASS

		1	0	4.33	<13	PASS
		1	24	4.17	<13	PASS
		1	49	3.59	<13	PASS
	HCH	25	0	5.06	<13	PASS
		25	12	4.93	<13	PASS
		25	25	4.78	<13	PASS
		50	0	5	<13	PASS
16QAM	LCH	1	0	3.84	<13	PASS
		1	24	4.27	<13	PASS
		1	49	4.8	<13	PASS
		25	0	5.56	<13	PASS
		25	12	5.81	<13	PASS
		25	25	6.02	<13	PASS
		50	0	5.75	<13	PASS
	MCH	1	0	4.88	<13	PASS
		1	24	4.39	<13	PASS
		1	49	4.12	<13	PASS
		25	0	5.56	<13	PASS
		25	12	5.48	<13	PASS
		25	25	5.37	<13	PASS
		50	0	5.45	<13	PASS
	HCH	1	0	5.37	<13	PASS
		1	24	5.09	<13	PASS
		1	49	4.52	<13	PASS
		25	0	5.92	<13	PASS
		25	12	5.89	<13	PASS
		25	25	5.75	<13	PASS
		50	0	5.86	<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	3.71	<13	PASS
		1	37	4.46	<13	PASS
		1	74	4.86	<13	PASS
		37	0	4.76	<13	PASS
		37	18	5.1	<13	PASS
		37	38	5.22	<13	PASS
		75	0	5.38	<13	PASS
	MCH	1	0	4.5	<13	PASS

	16QAM	HCH	1	37	3.71	<13	PASS
			1	74	3.56	<13	PASS
			37	0	4.84	<13	PASS
			37	18	4.56	<13	PASS
			37	38	4.46	<13	PASS
			75	0	5.05	<13	PASS
		LCH	1	0	4.24	<13	PASS
			1	37	4.34	<13	PASS
			1	74	3.63	<13	PASS
			37	0	5.14	<13	PASS
			37	18	5.09	<13	PASS
			37	38	4.9	<13	PASS
			75	0	5.42	<13	PASS
		MCH	1	0	3.76	<13	PASS
			1	37	4.6	<13	PASS
			1	74	5.27	<13	PASS
			37	0	5.67	<13	PASS
			37	18	5.89	<13	PASS
			37	38	6.05	<13	PASS
			75	0	5.95	<13	PASS
		HCH	1	0	4.92	<13	PASS
			1	37	4.04	<13	PASS
			1	74	3.95	<13	PASS
			37	0	5.65	<13	PASS
			37	18	5.45	<13	PASS
			37	38	5.3	<13	PASS
			75	0	5.67	<13	PASS

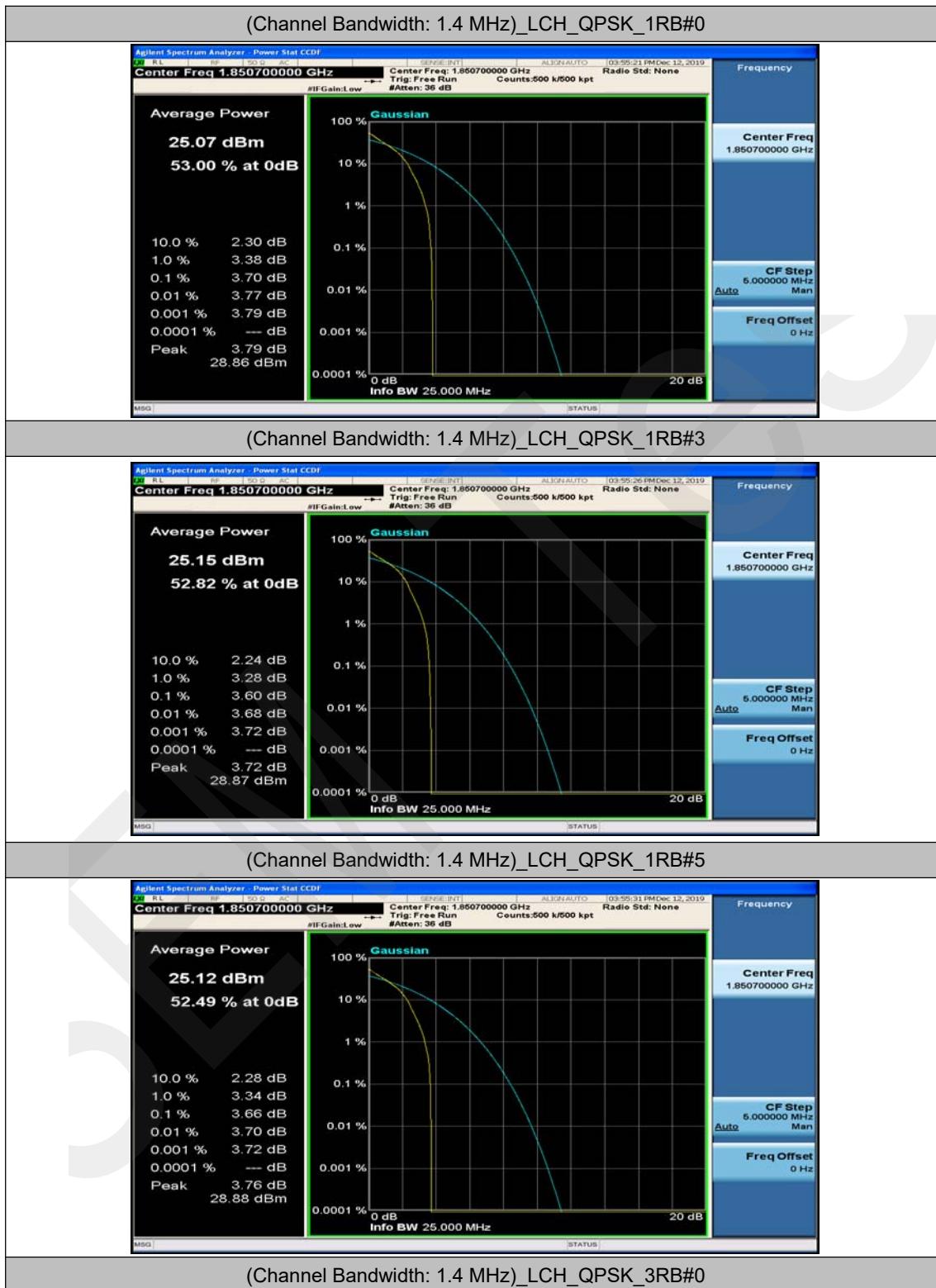
### Channel Bandwidth: 20 MHz

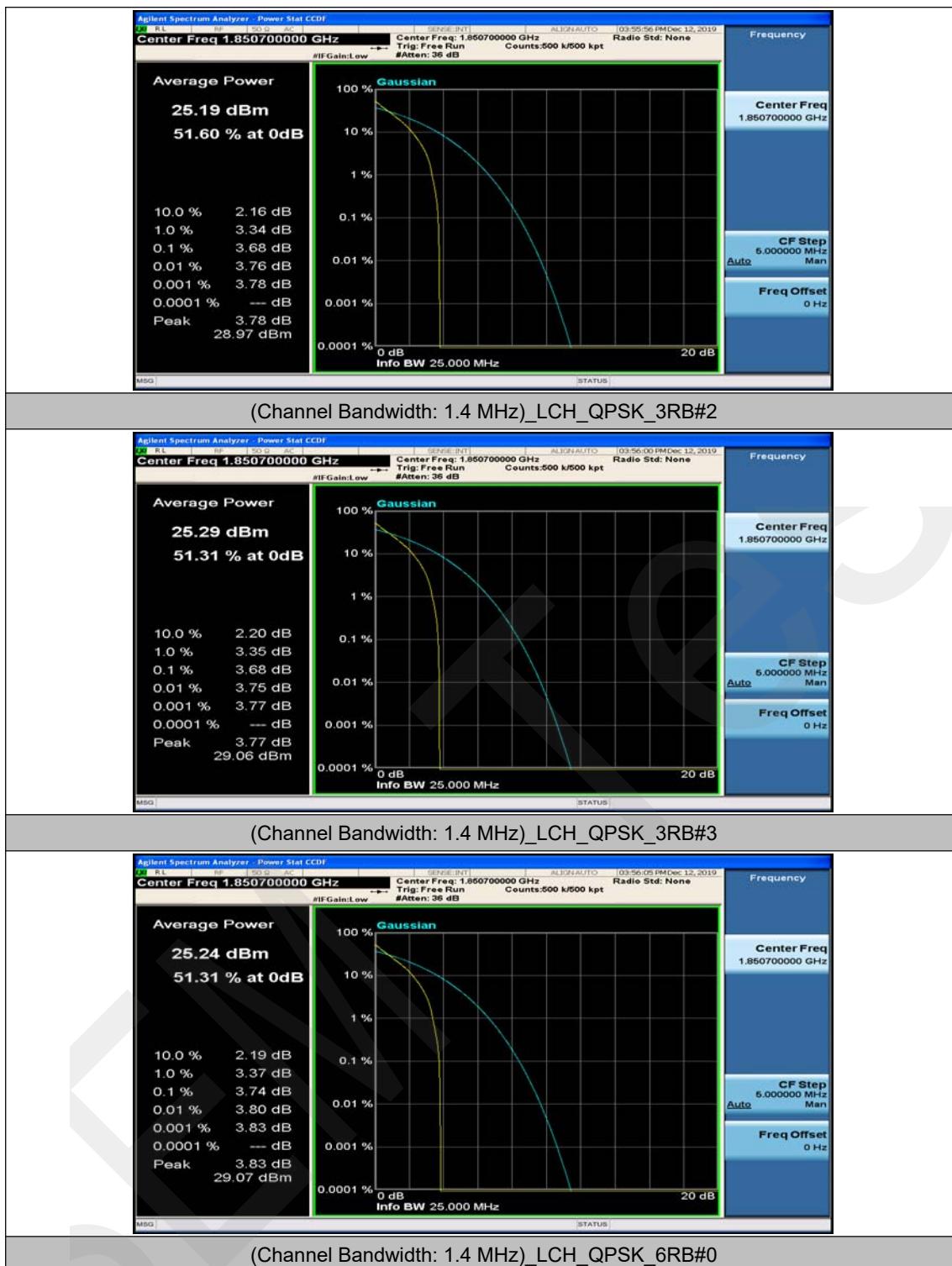
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.63	<13	PASS
		1	49	4.47	<13	PASS

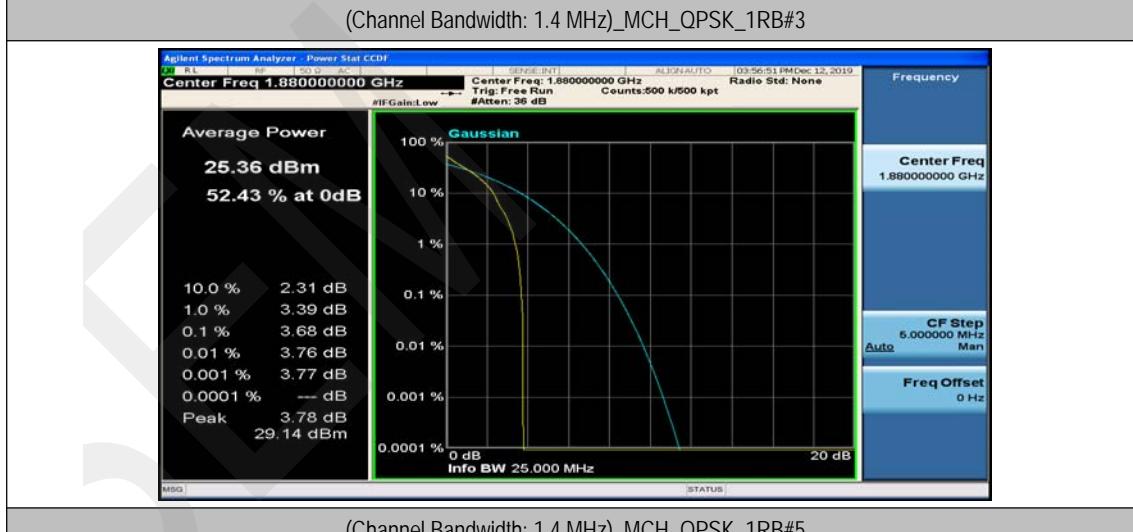
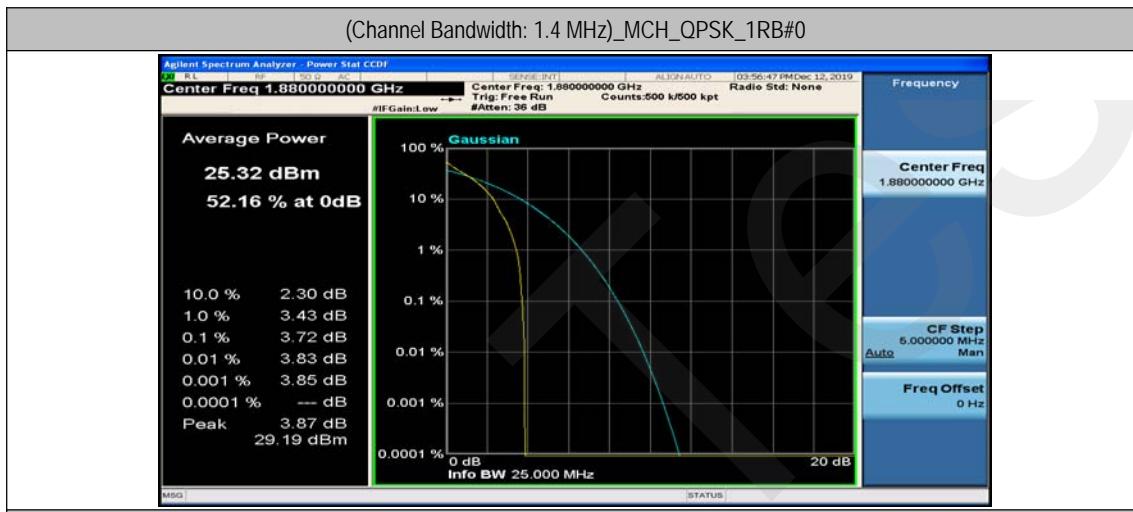
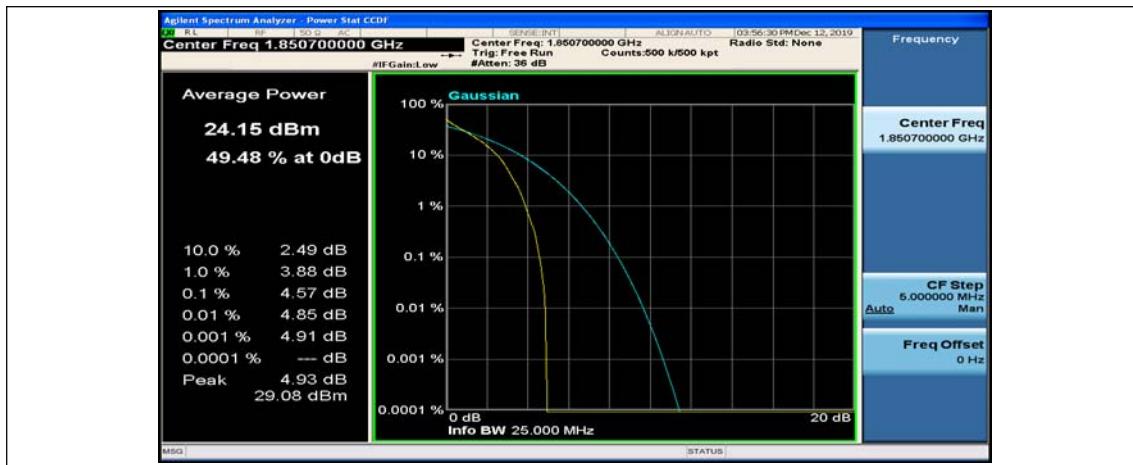
		1	99	4.7	<13	PASS
		50	0	4.95	<13	PASS
		50	25	5.27	<13	PASS
		50	50	5.4	<13	PASS
		100	0	5.31	<13	PASS
	MCH	1	0	4.76	<13	PASS
		1	49	3.6	<13	PASS
		1	99	3.51	<13	PASS
		50	0	4.99	<13	PASS
		50	25	4.59	<13	PASS
		50	50	4.59	<13	PASS
		100	0	5.09	<13	PASS
	HCH	1	0	3.93	<13	PASS
		1	49	4.39	<13	PASS
		1	99	3.77	<13	PASS
		50	0	5.05	<13	PASS
		50	25	5.12	<13	PASS
		50	50	5.04	<13	PASS
		100	0	5.25	<13	PASS
16QAM	LCH	1	0	4.63	<13	PASS
		1	49	5.52	<13	PASS
		1	99	5.76	<13	PASS
		50	0	5.81	<13	PASS
		50	25	6.02	<13	PASS
		50	50	6.19	<13	PASS
		100	0	6.08	<13	PASS
	MCH	1	0	5.88	<13	PASS
		1	49	5	<13	PASS
		1	99	5.04	<13	PASS
		50	0	5.83	<13	PASS
		50	25	5.49	<13	PASS
		50	50	5.38	<13	PASS
		100	0	5.84	<13	PASS
	HCH	1	0	4.6	<13	PASS
		1	49	5.16	<13	PASS
		1	99	4.51	<13	PASS
		50	0	5.89	<13	PASS
		50	25	5.9	<13	PASS
		50	50	5.93	<13	PASS
		100	0	5.99	<13	PASS

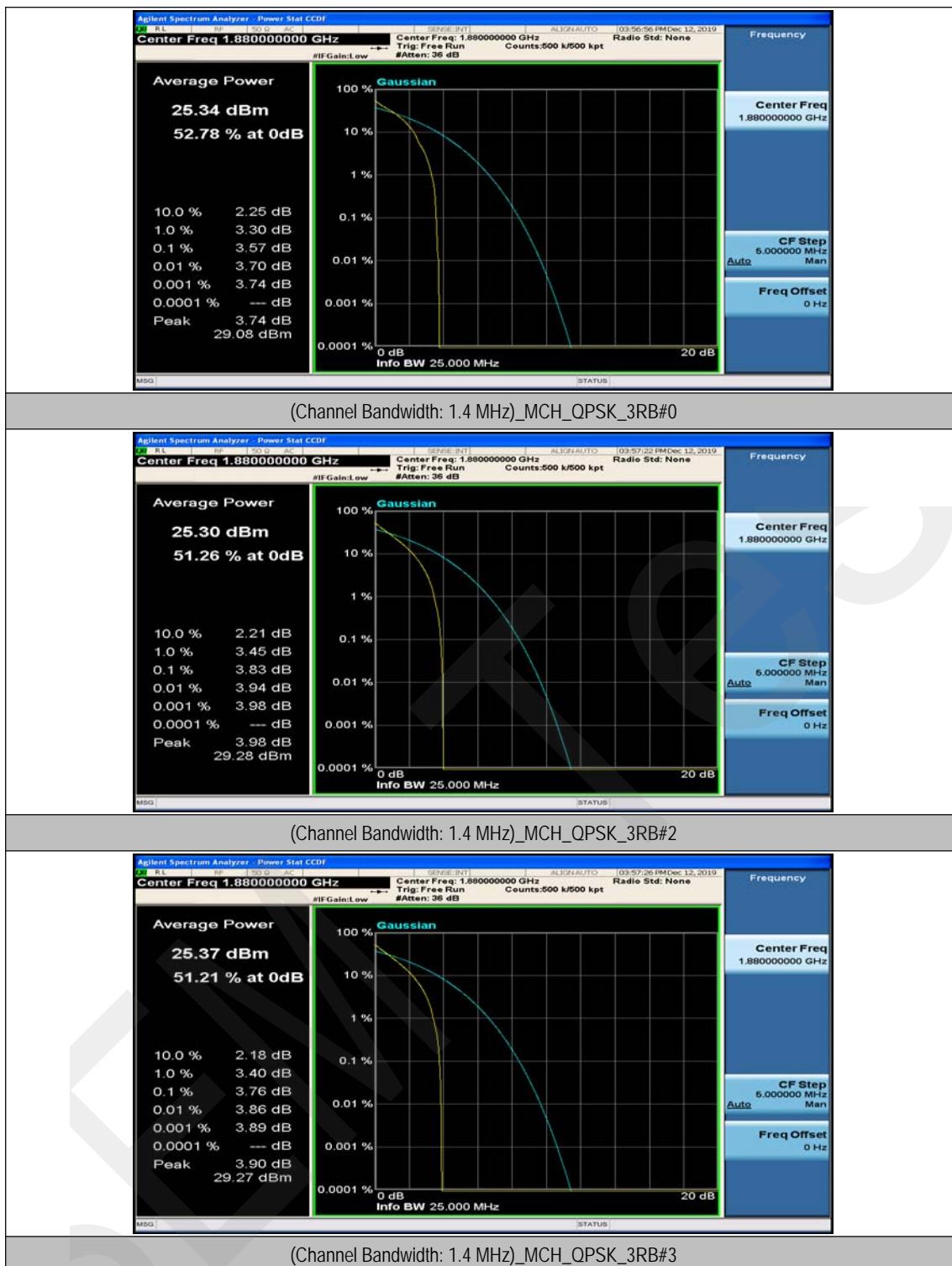
## Test Graphs

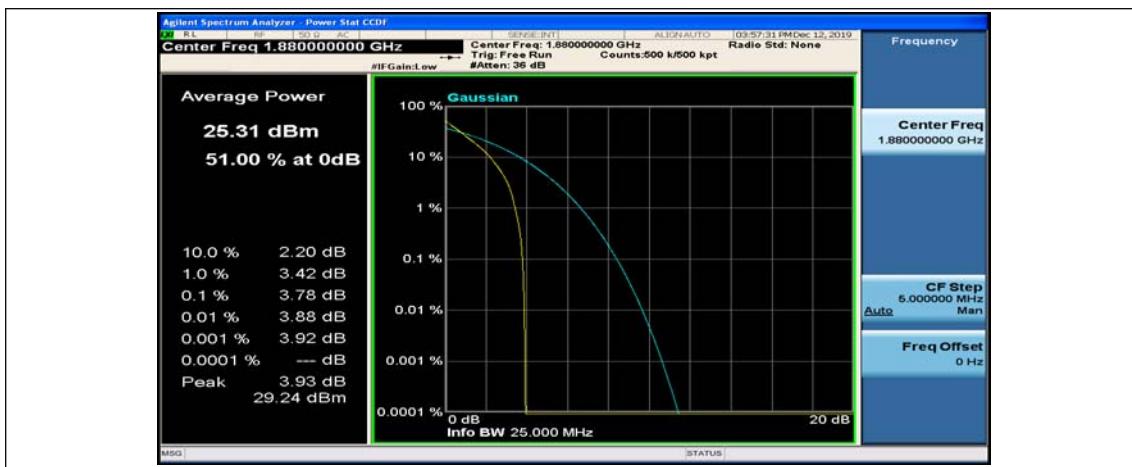
### Channel Bandwidth: 1.4 MHz



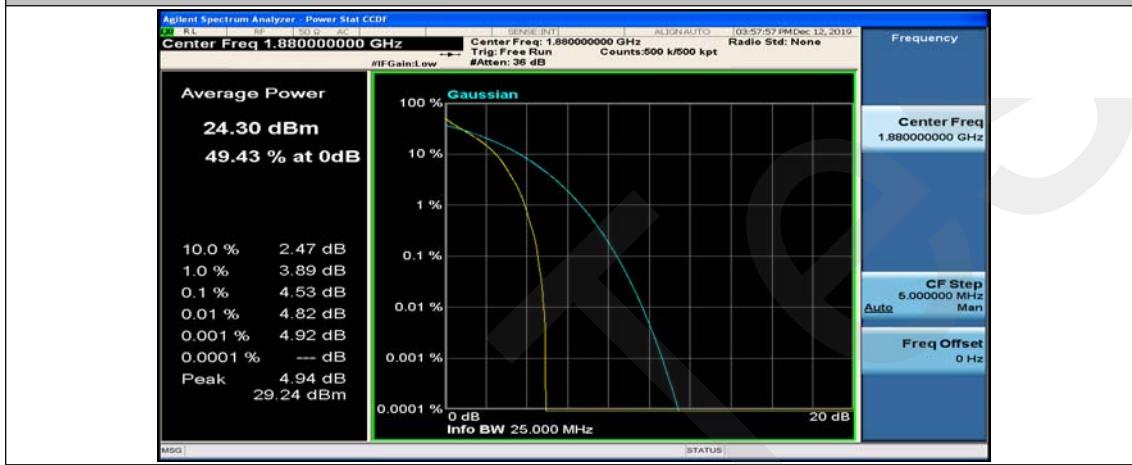








(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_6RB#0



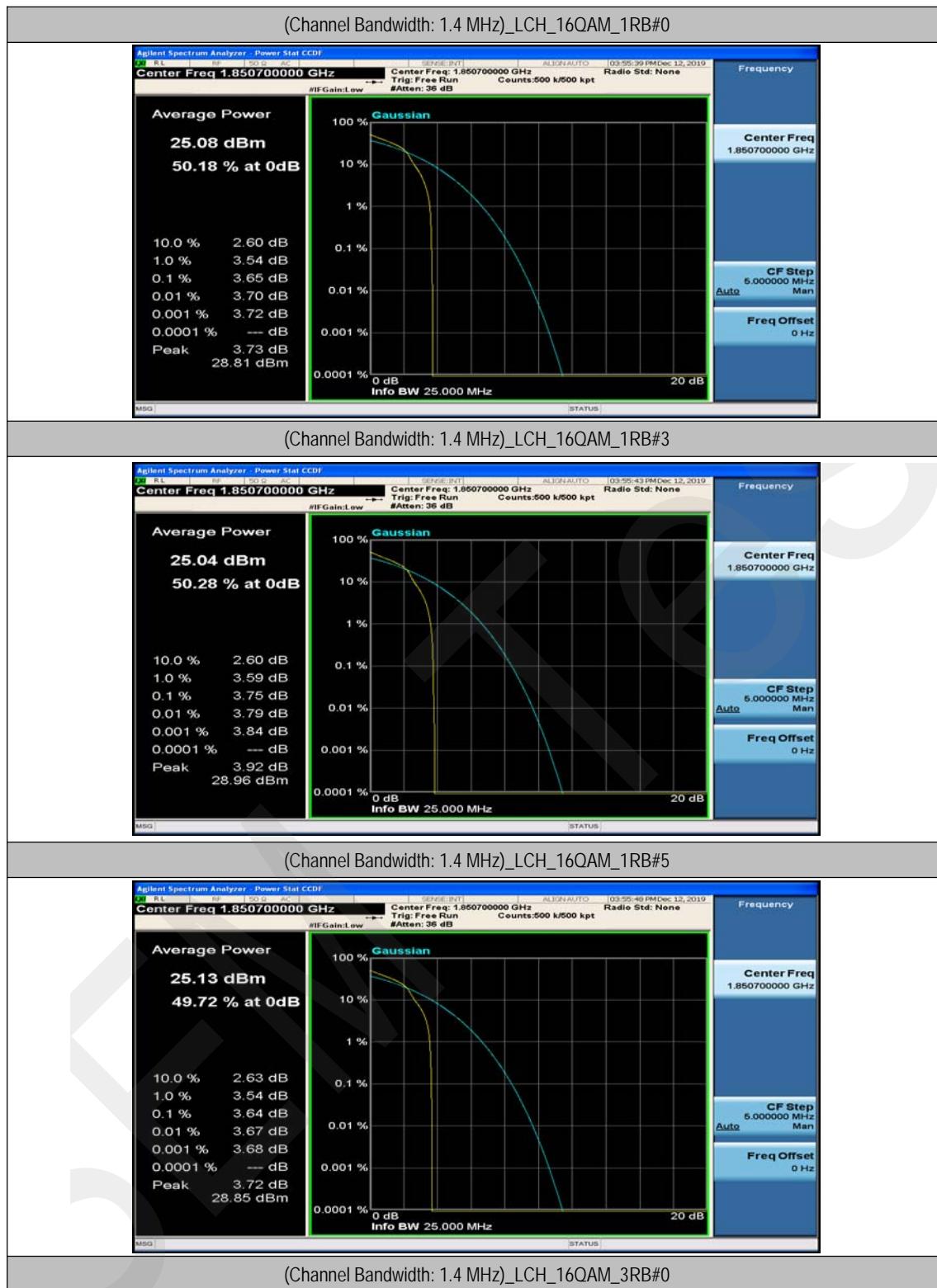
(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_1RB#0

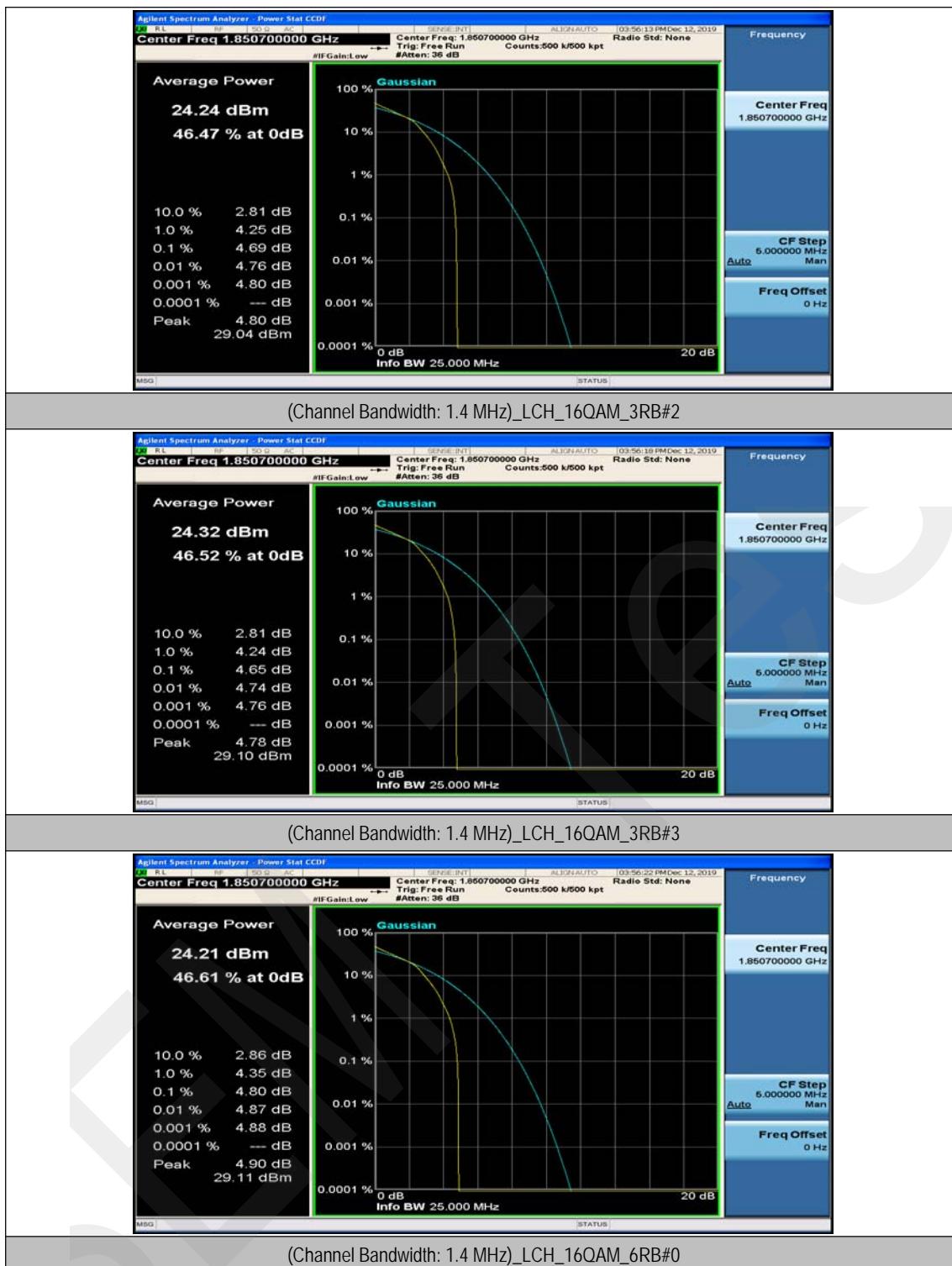


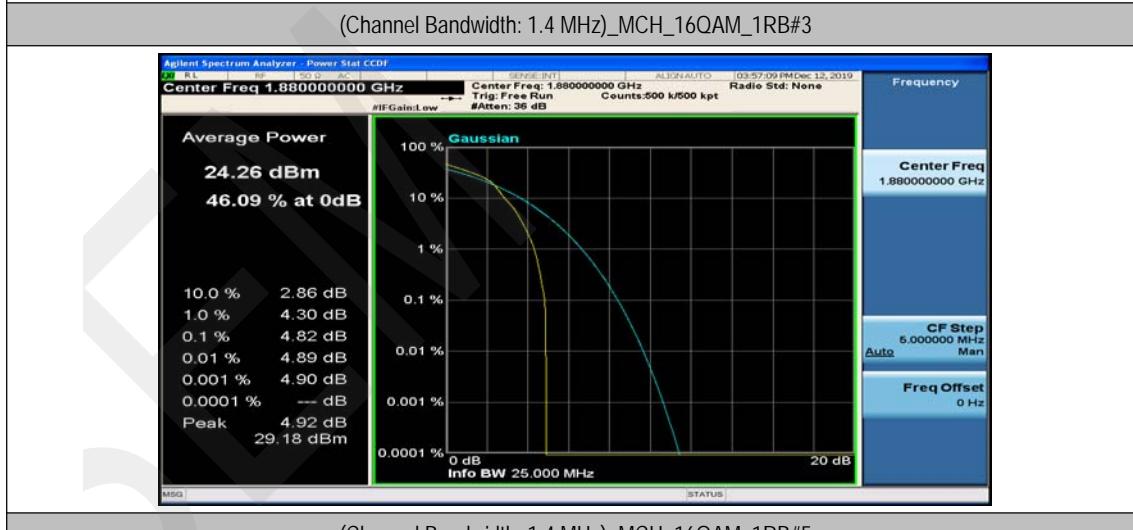
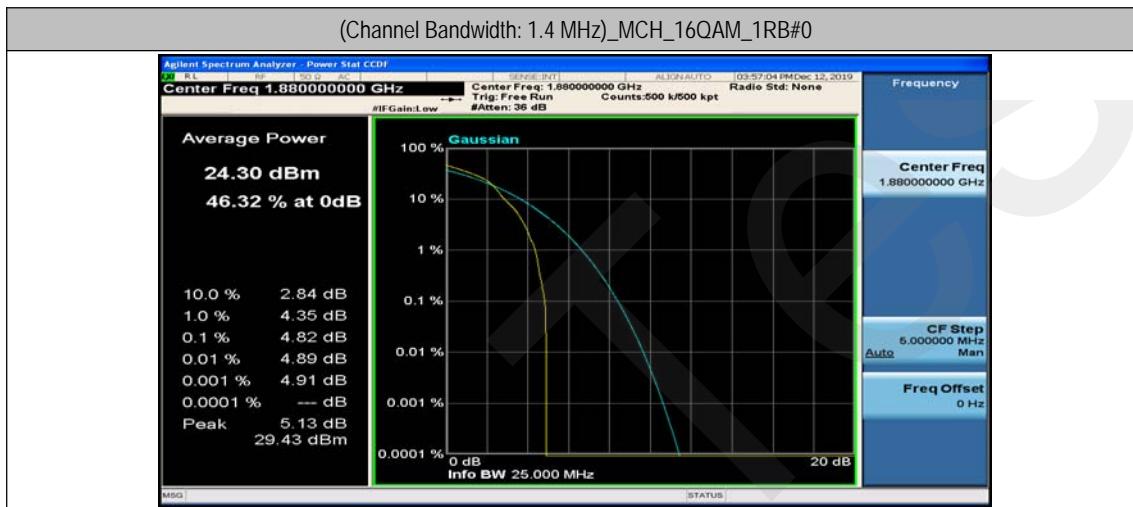
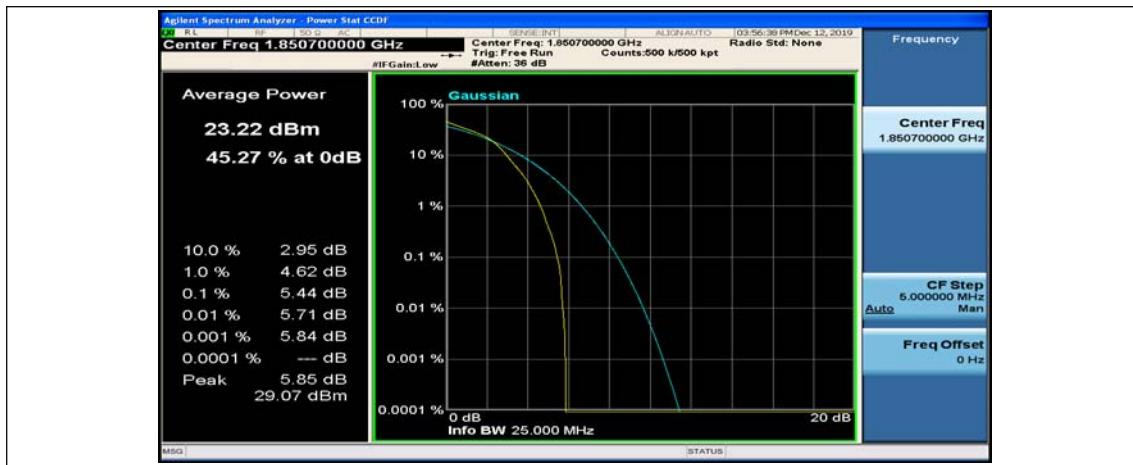
(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_1RB#3



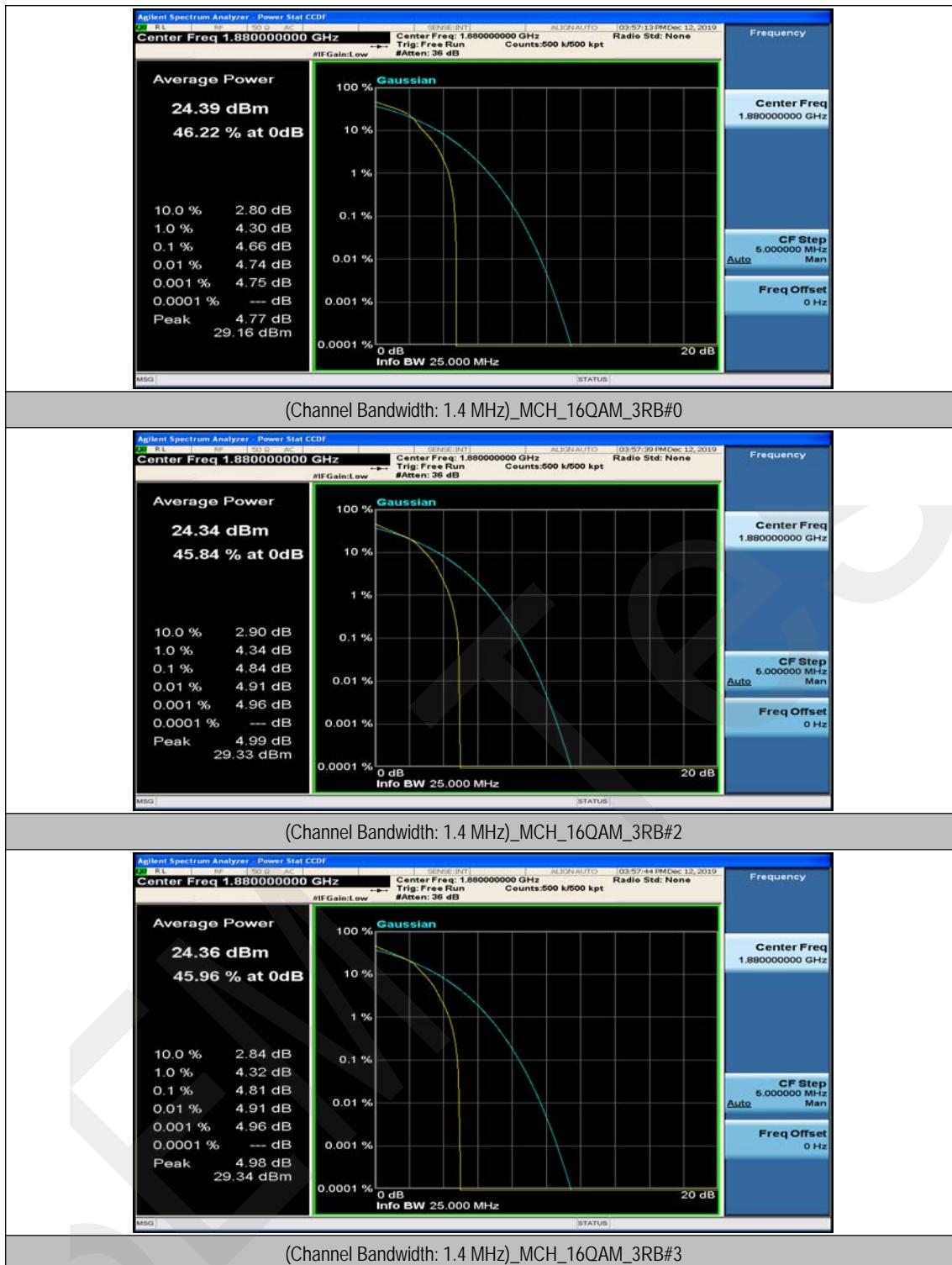


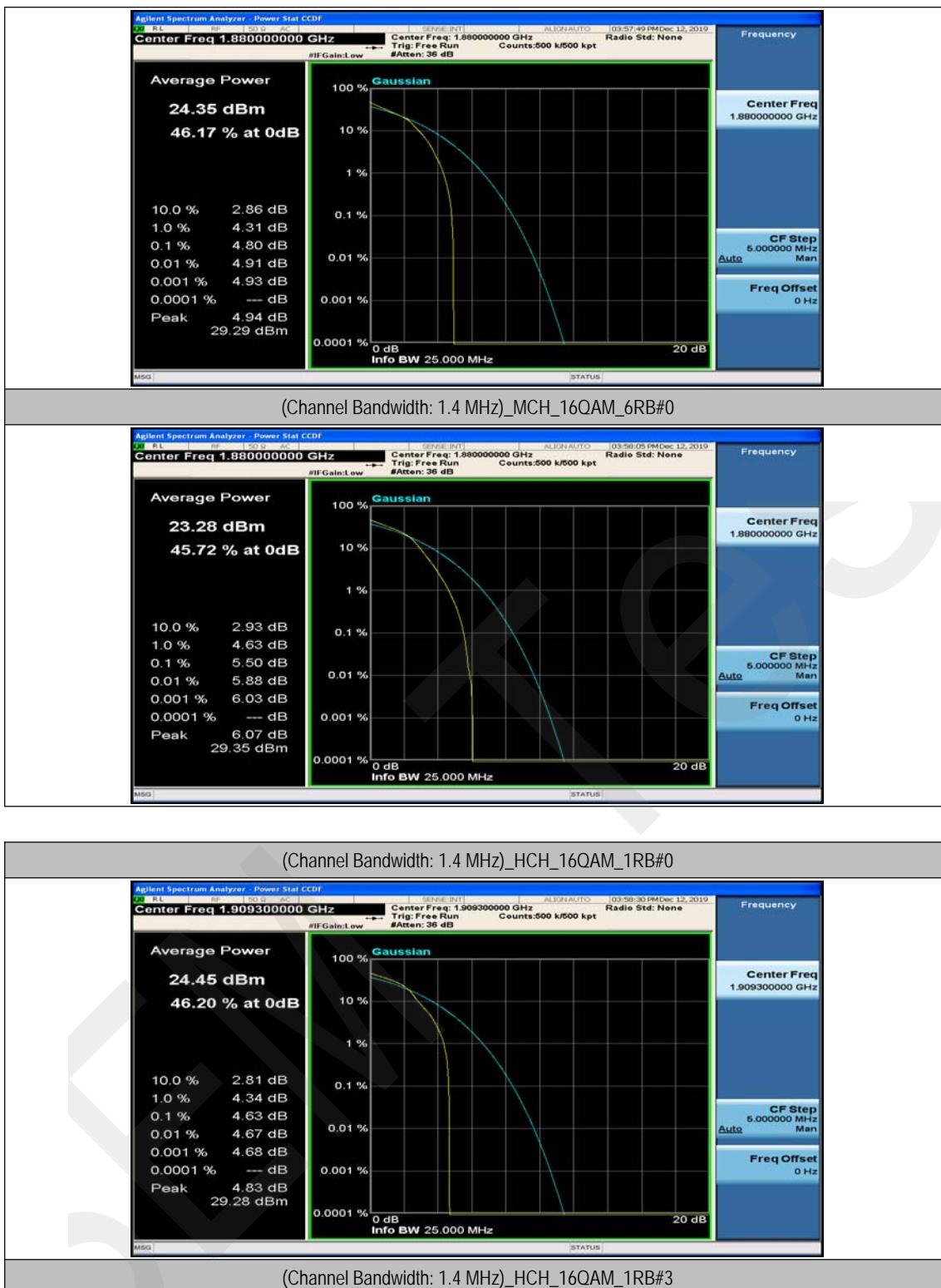


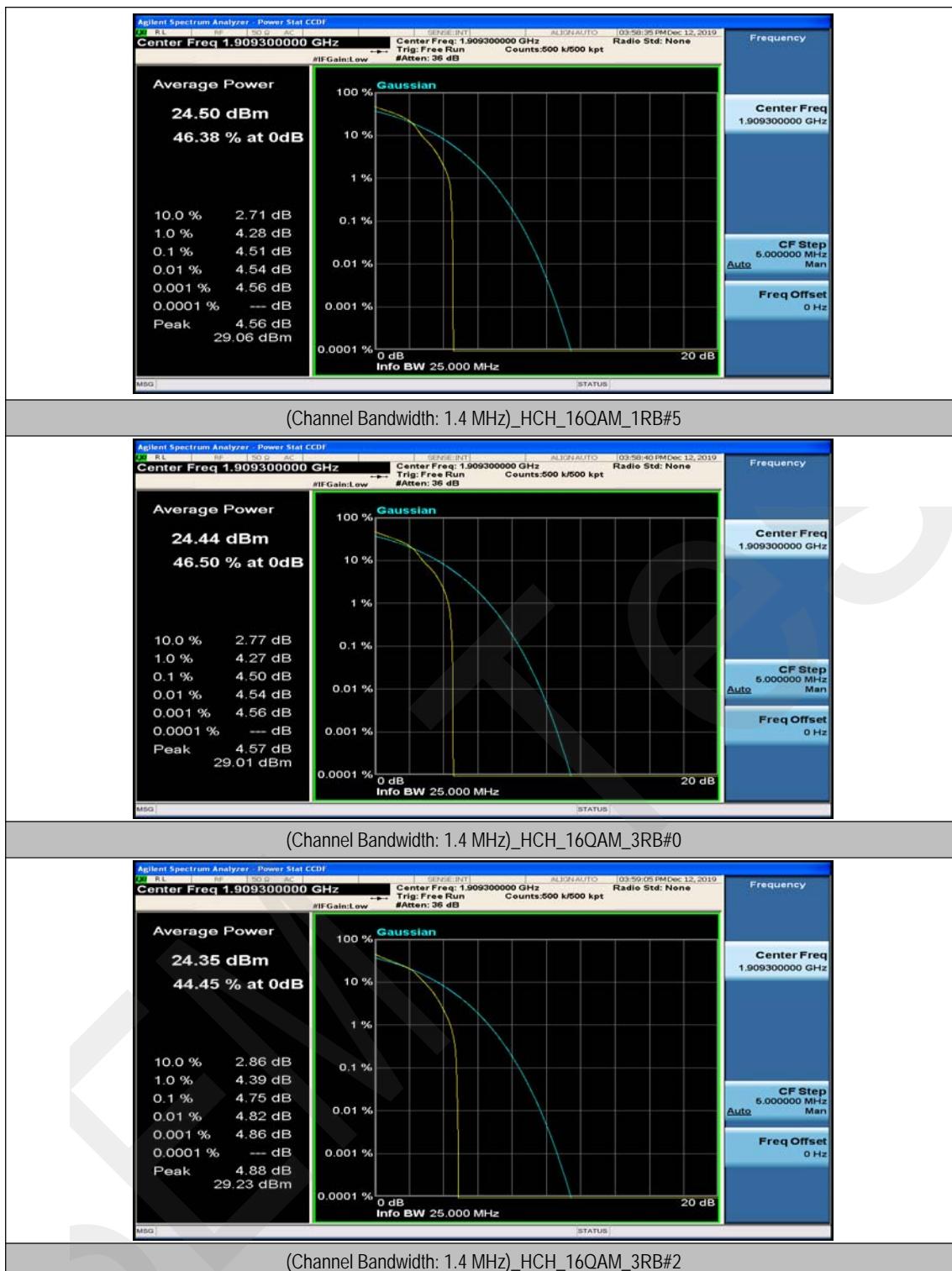




**(Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM\_1RB#5**

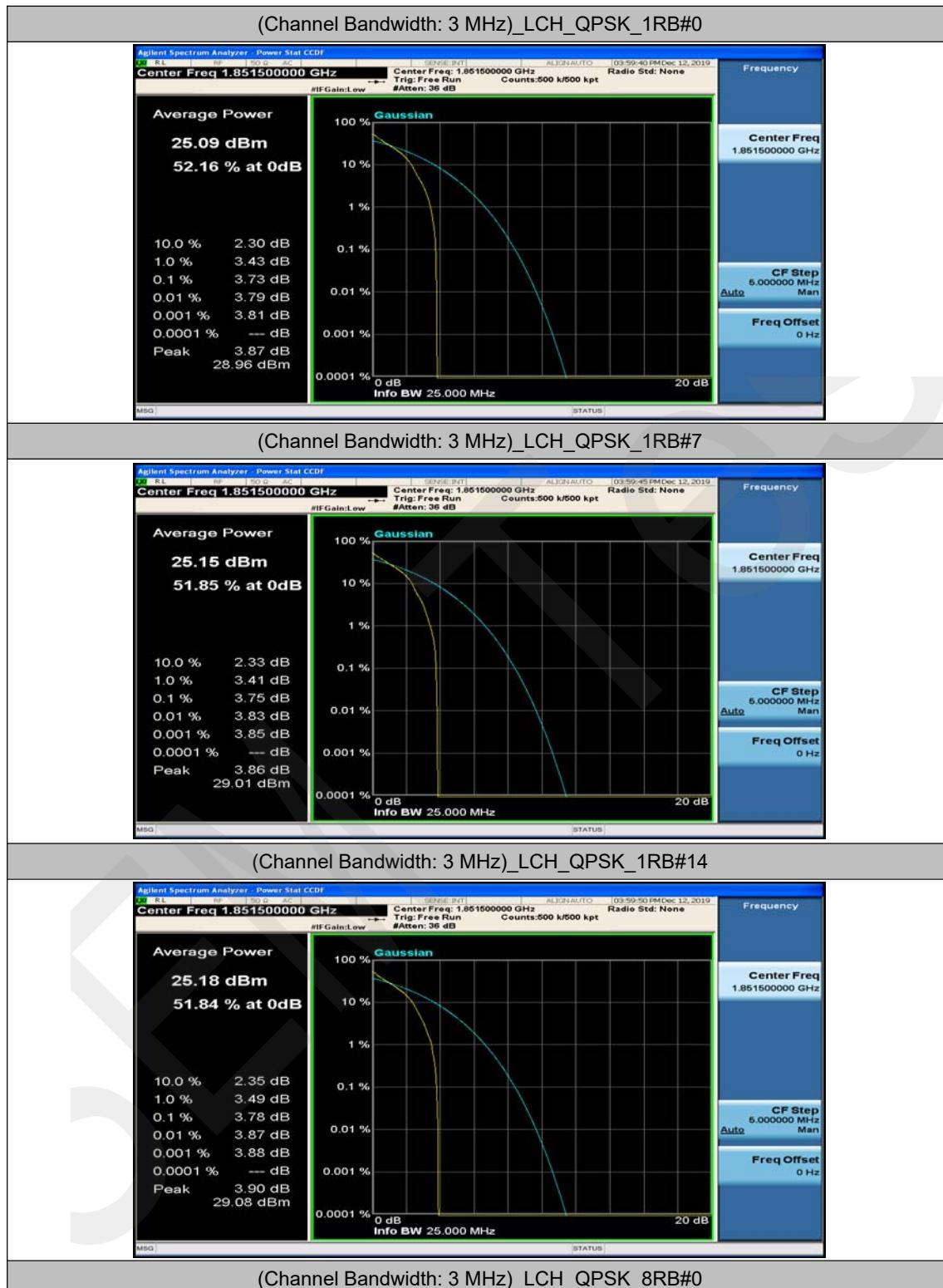


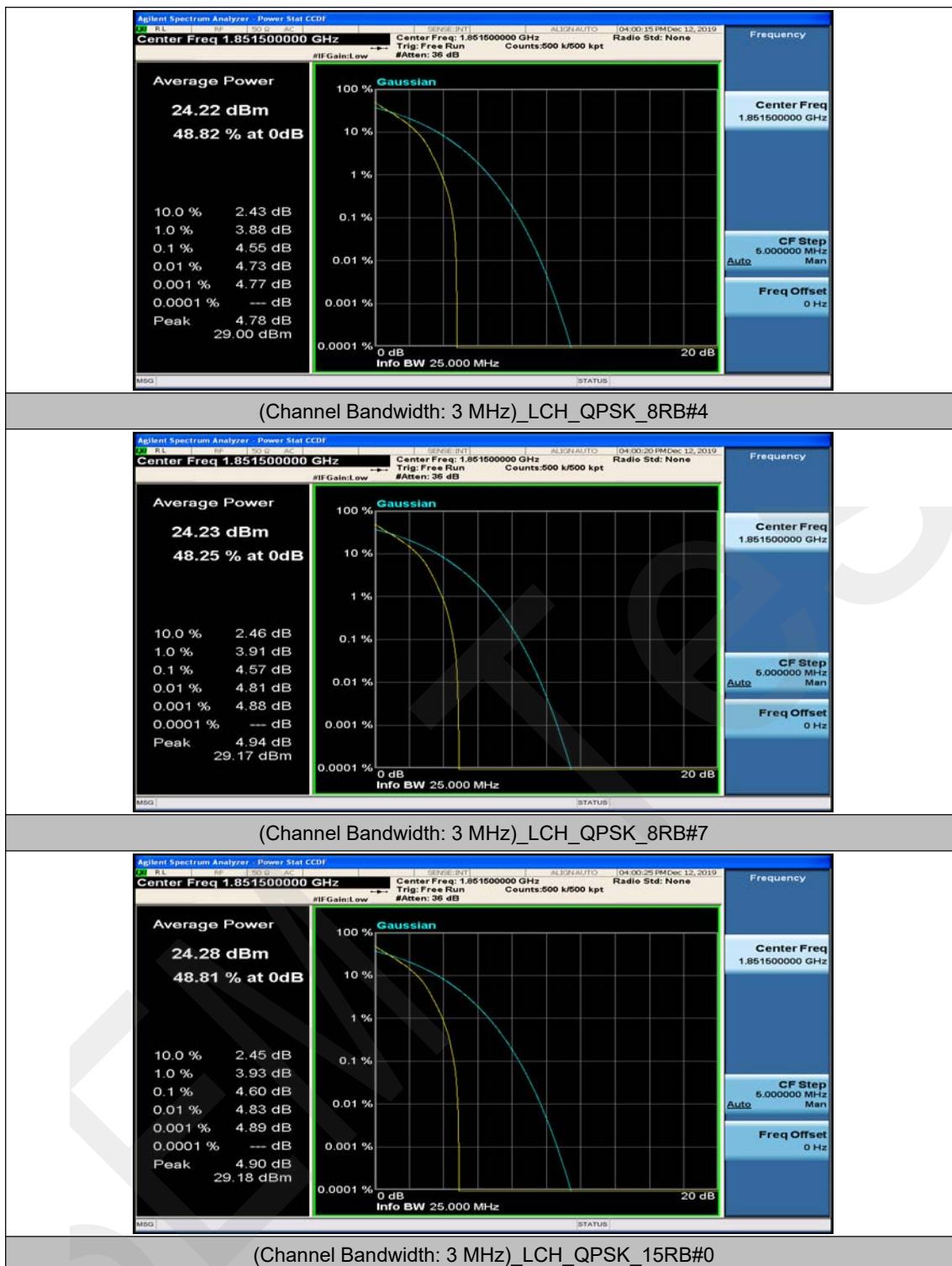


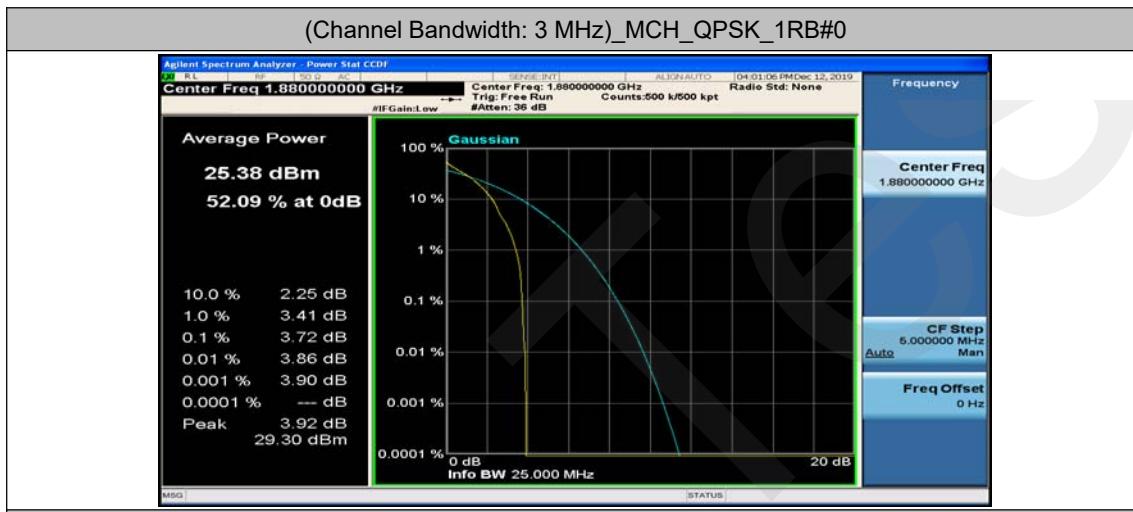
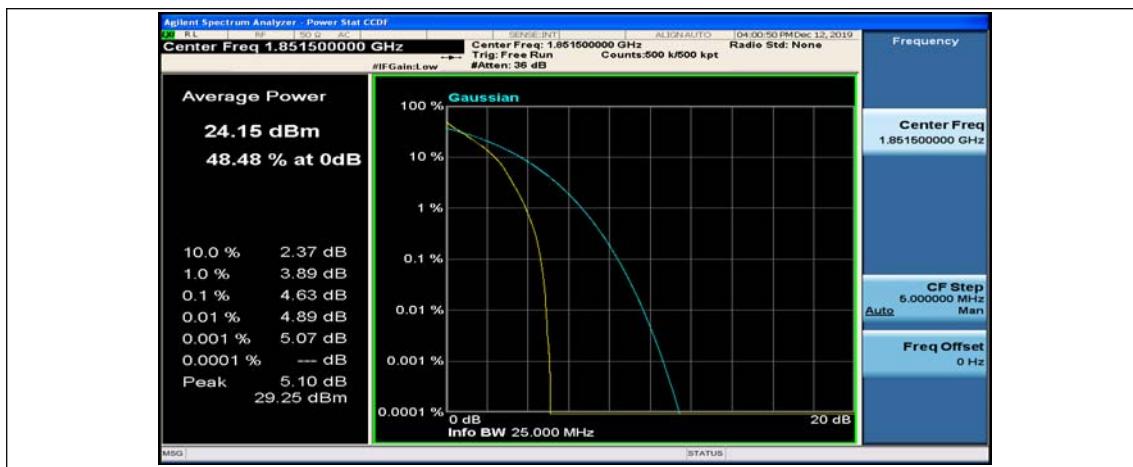




## Channel Bandwidth: 3 MHz

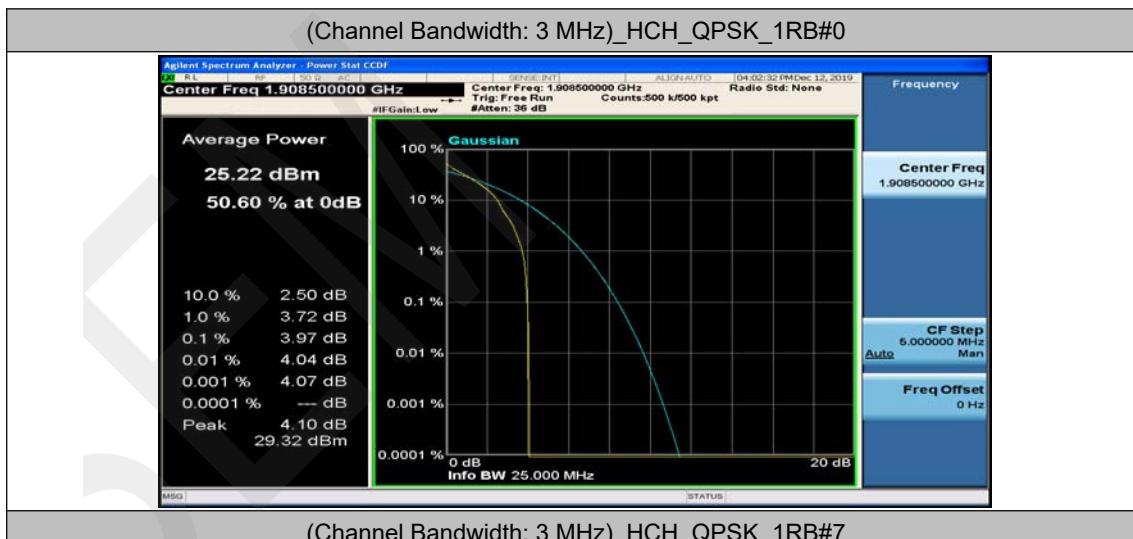
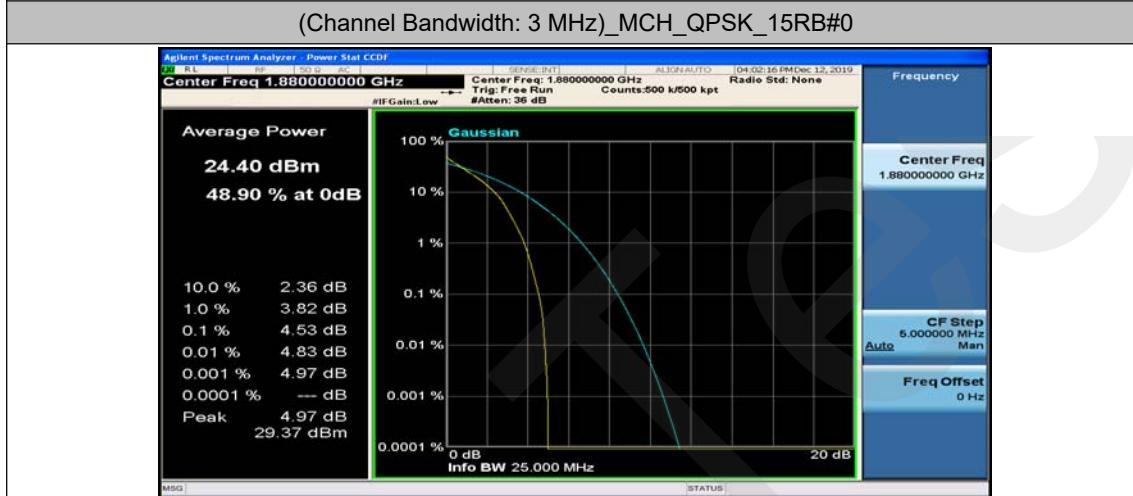
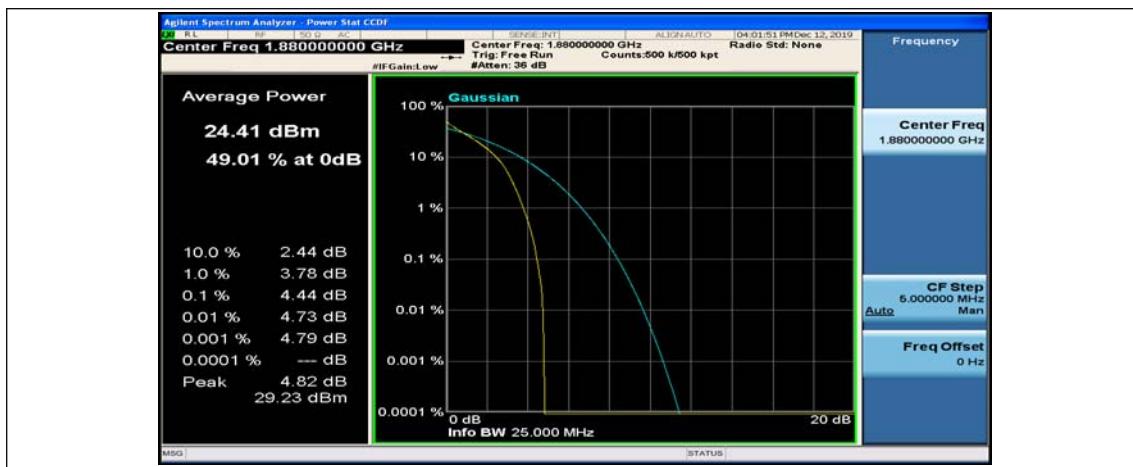






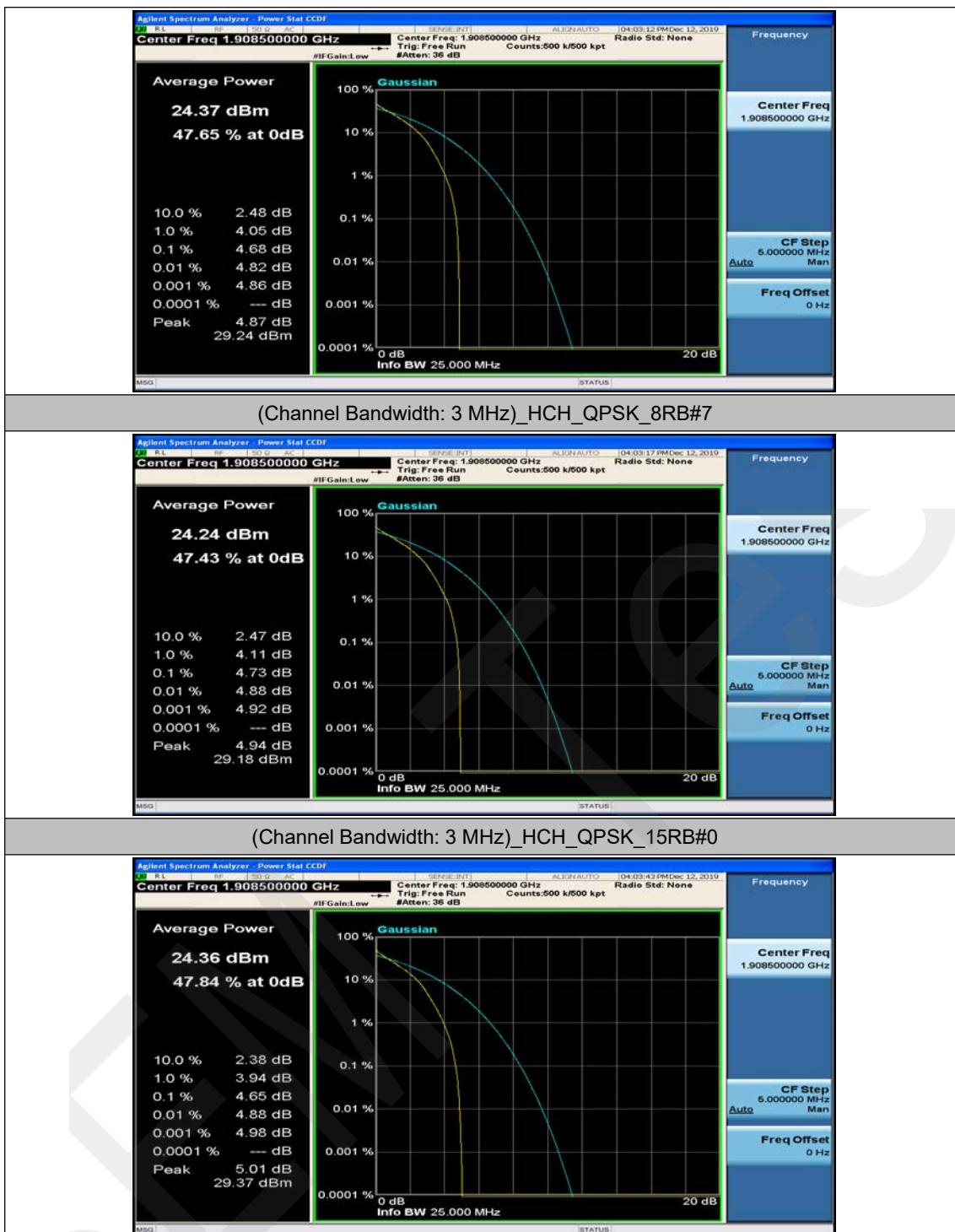
**(Channel Bandwidth: 3 MHz)\_MCH\_QPSK\_1RB#14**

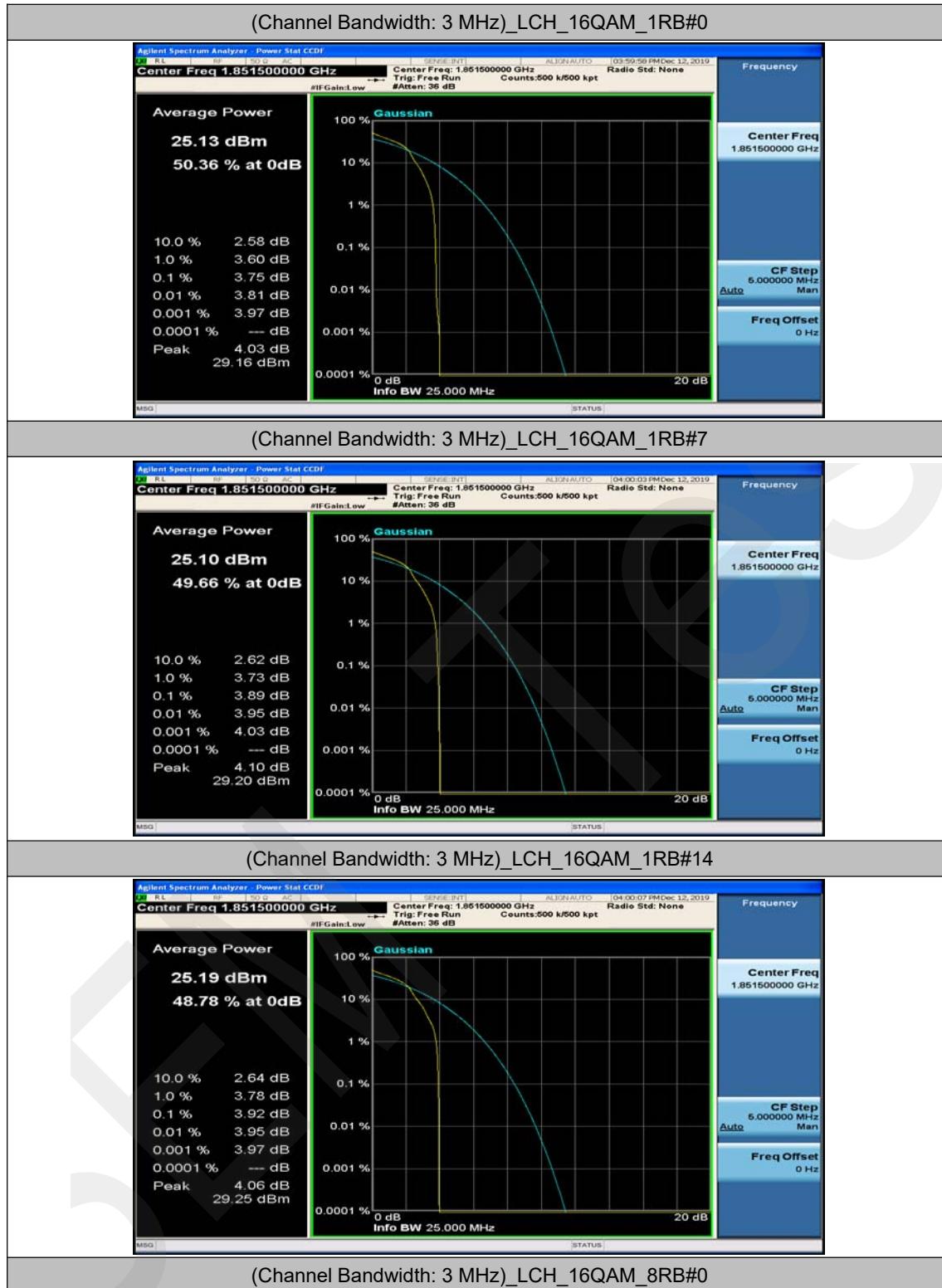


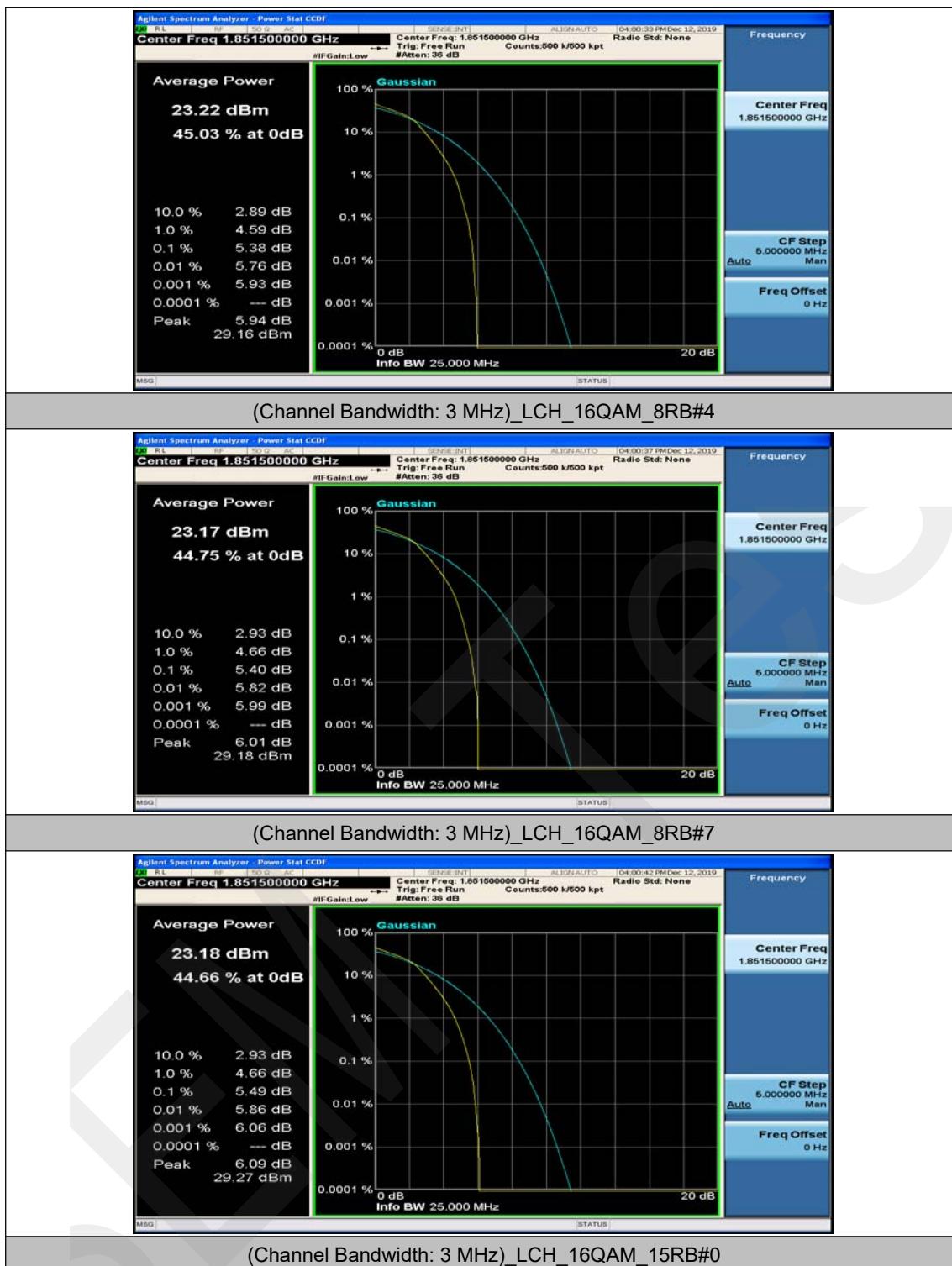


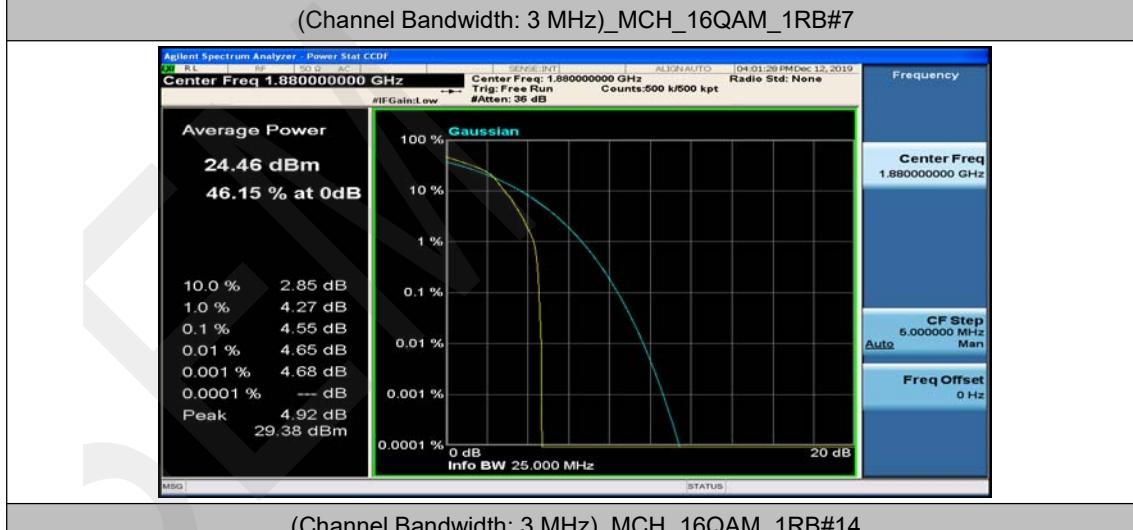
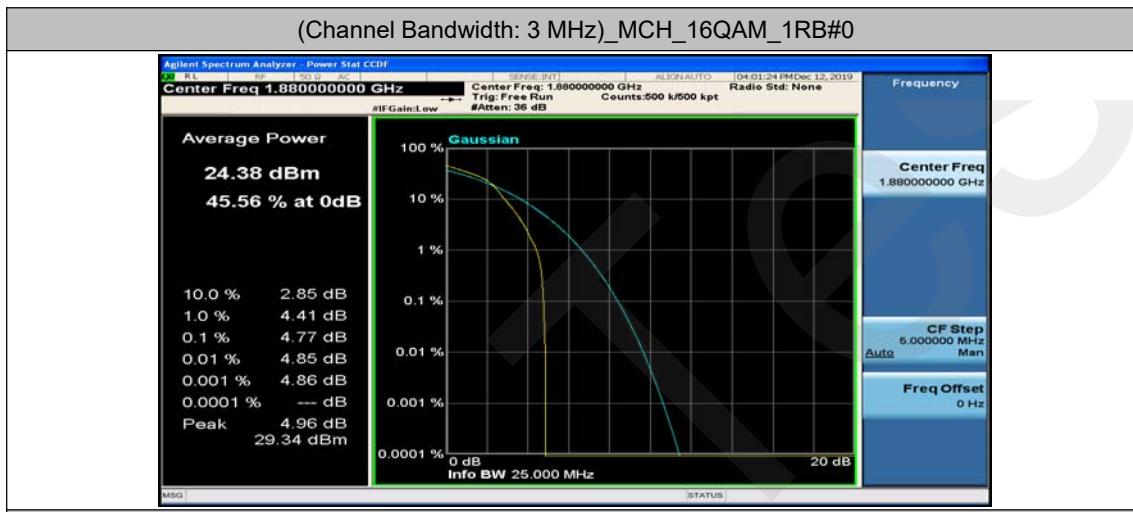
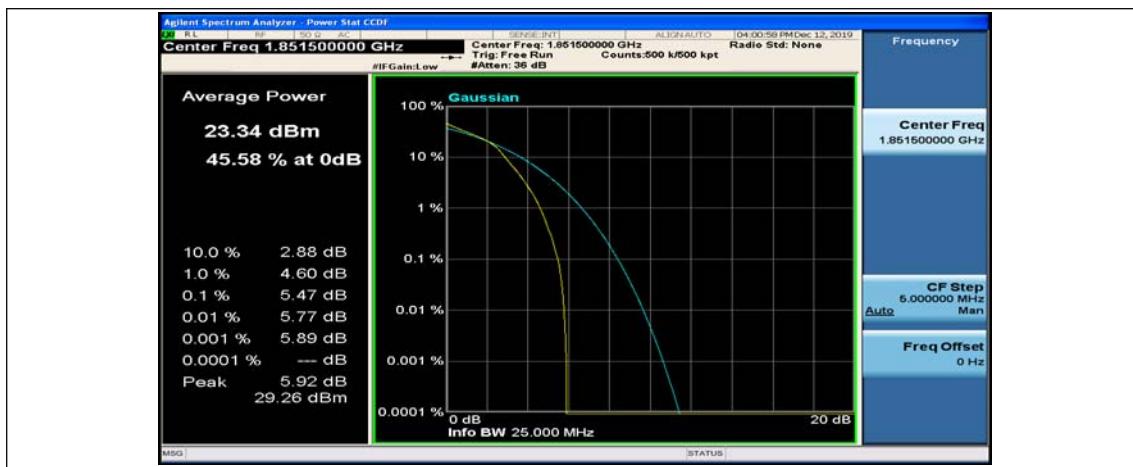
(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_1RB#7



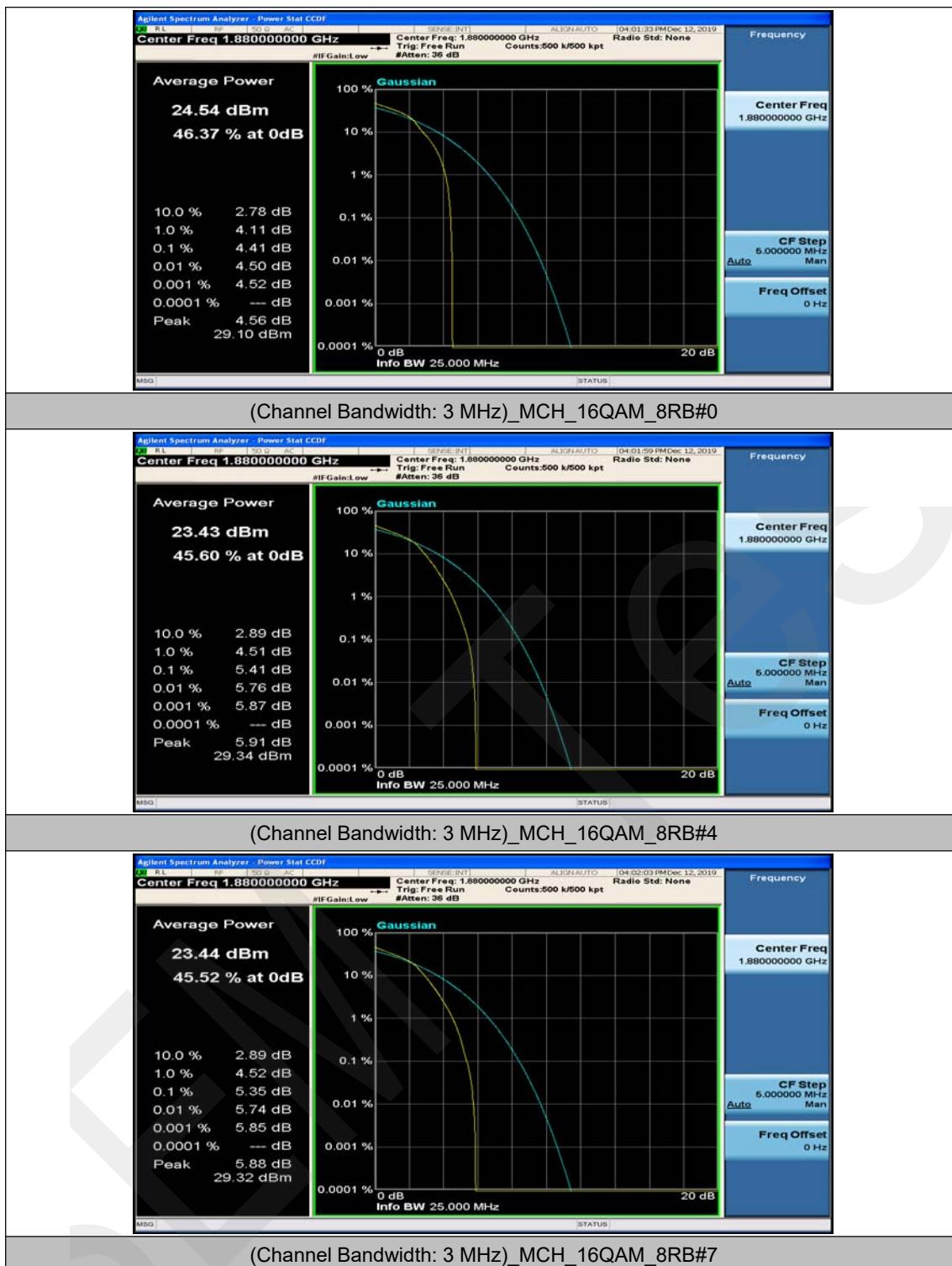


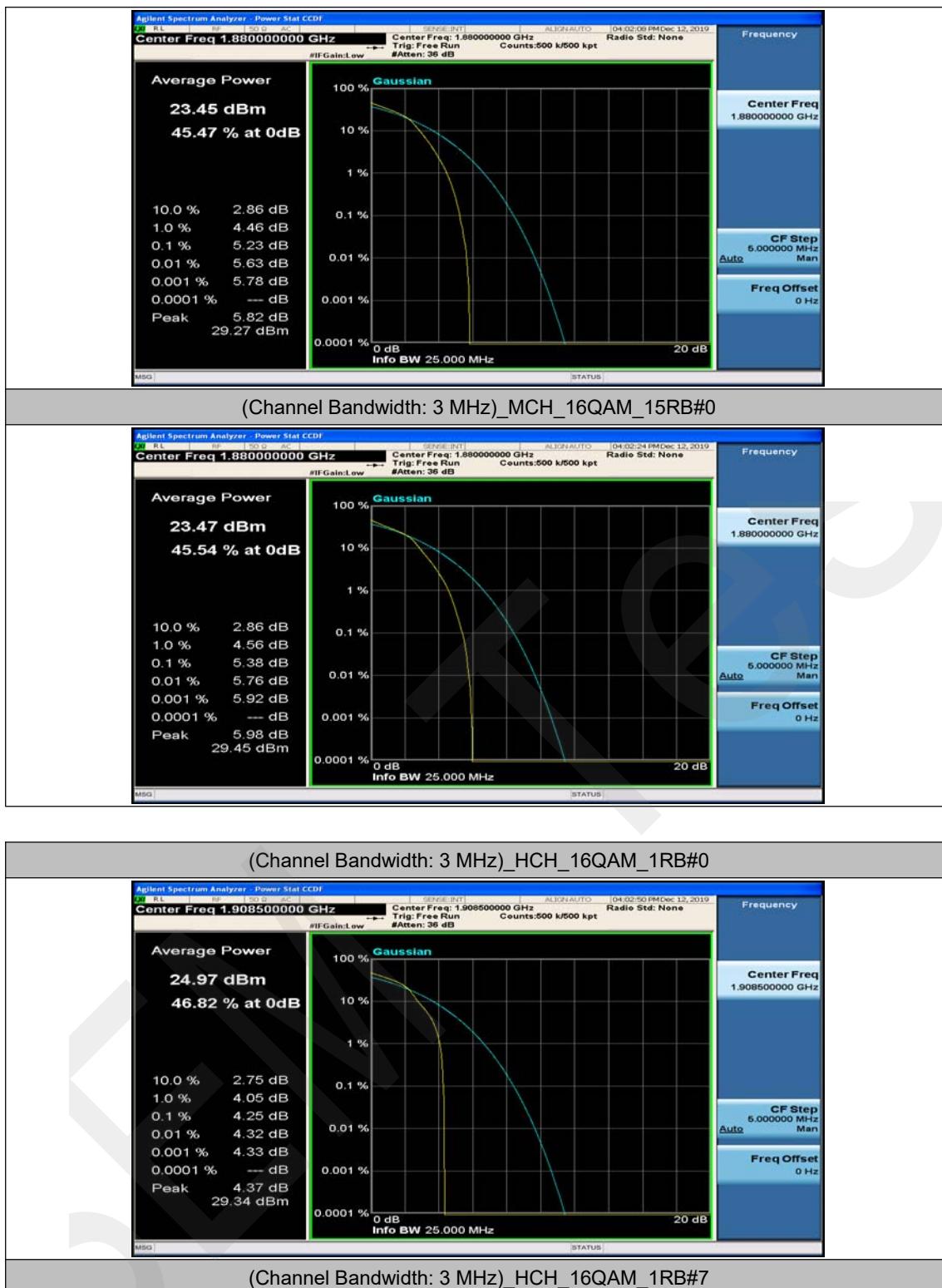




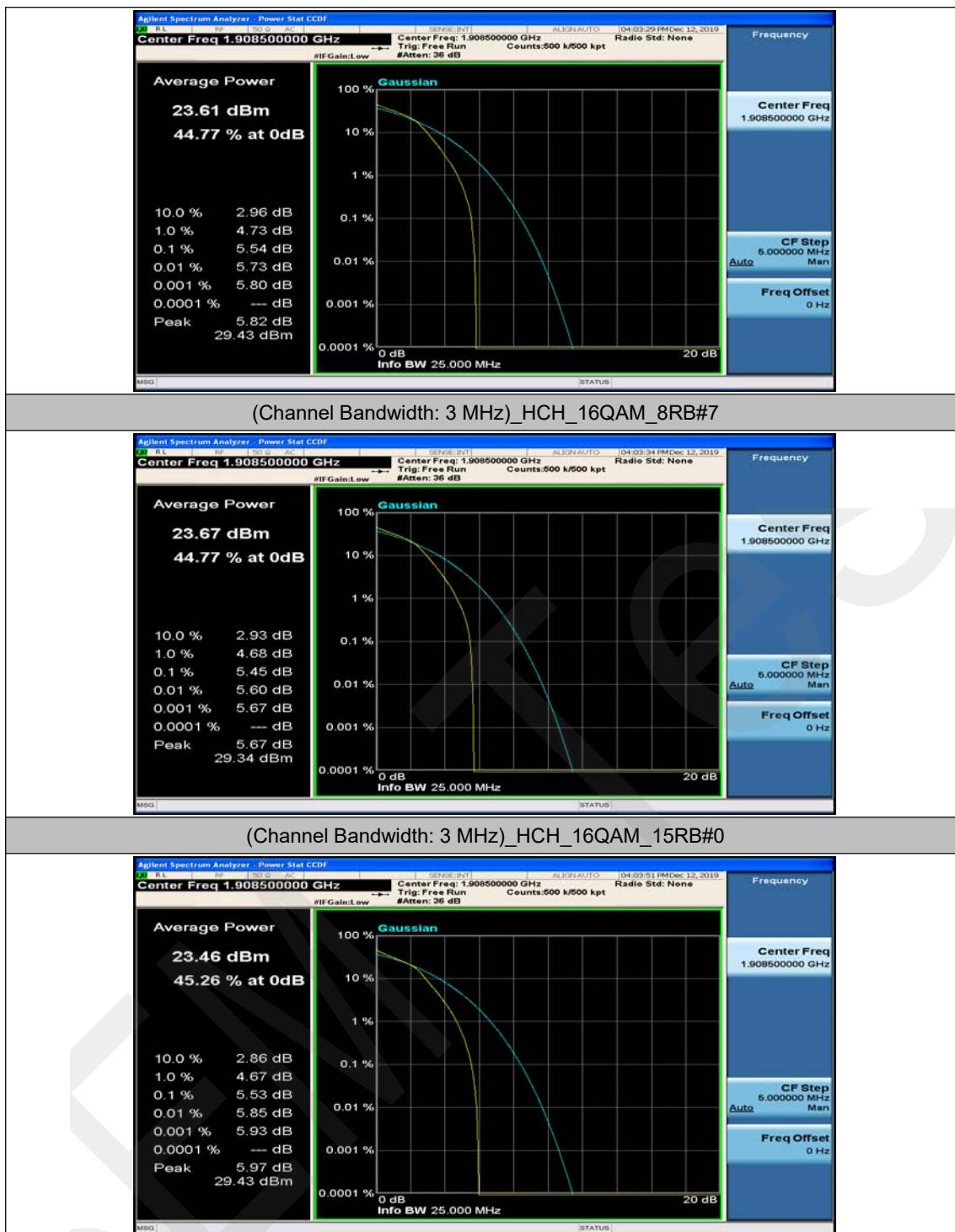


(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_1RB#14

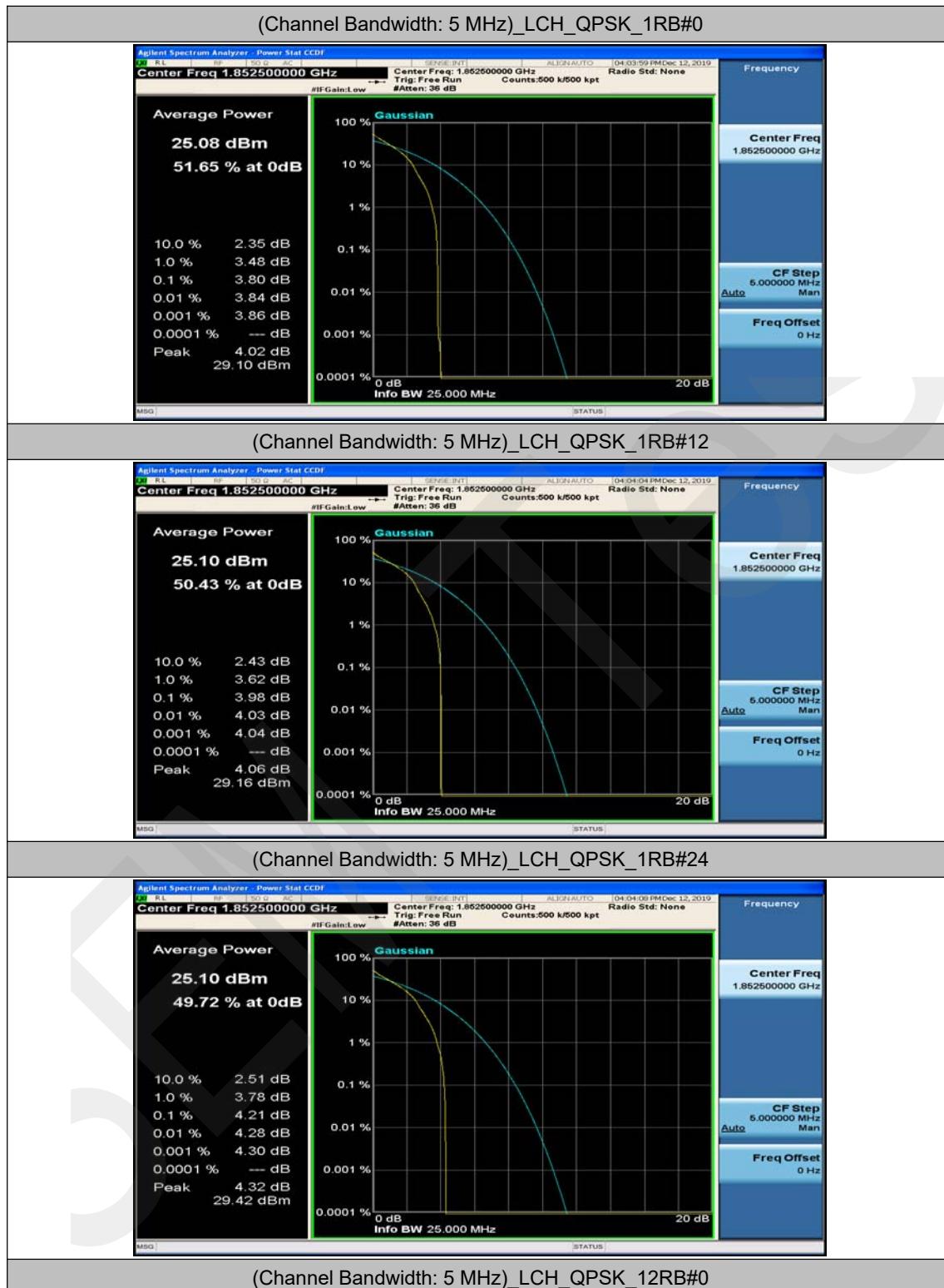


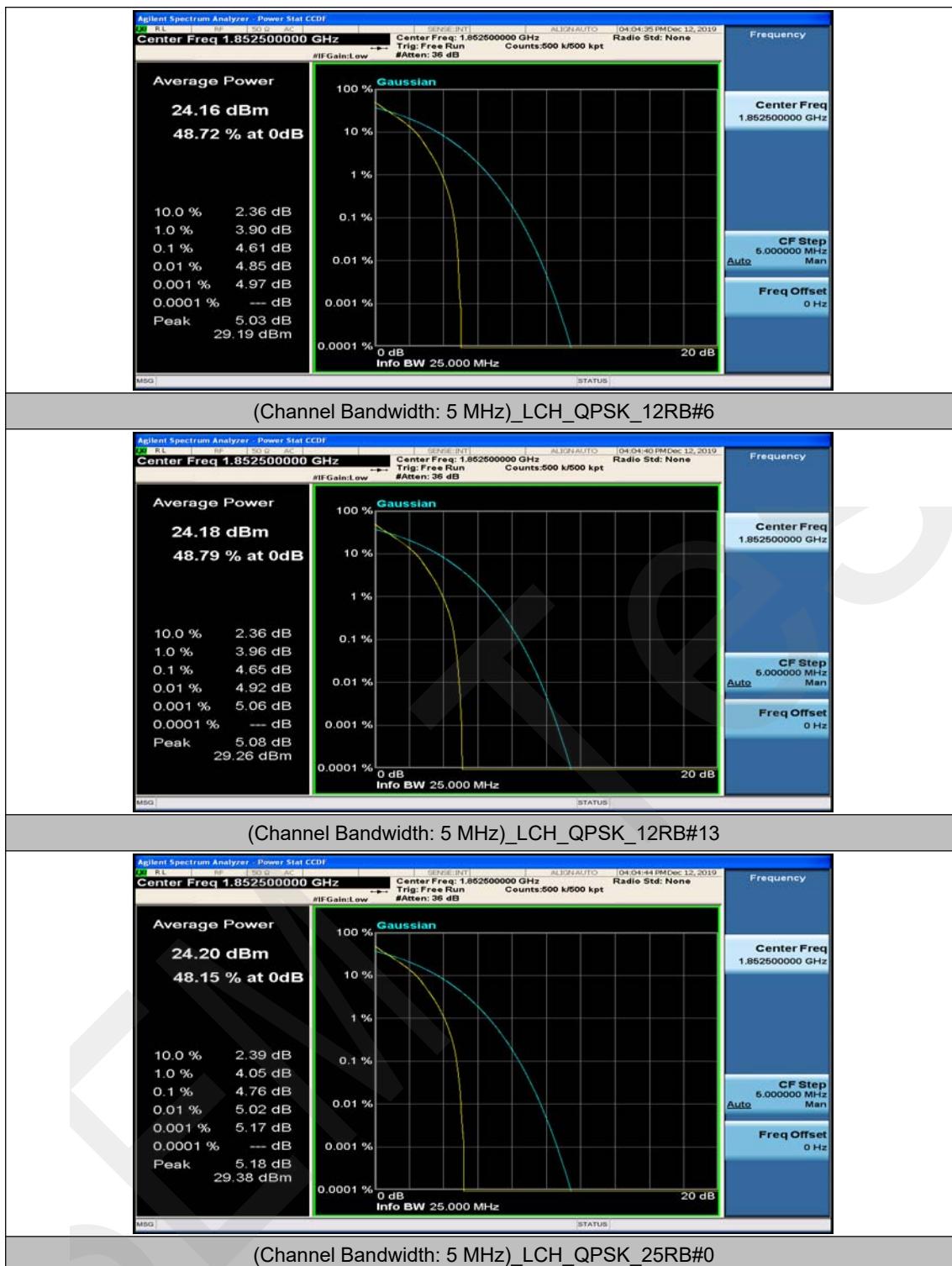


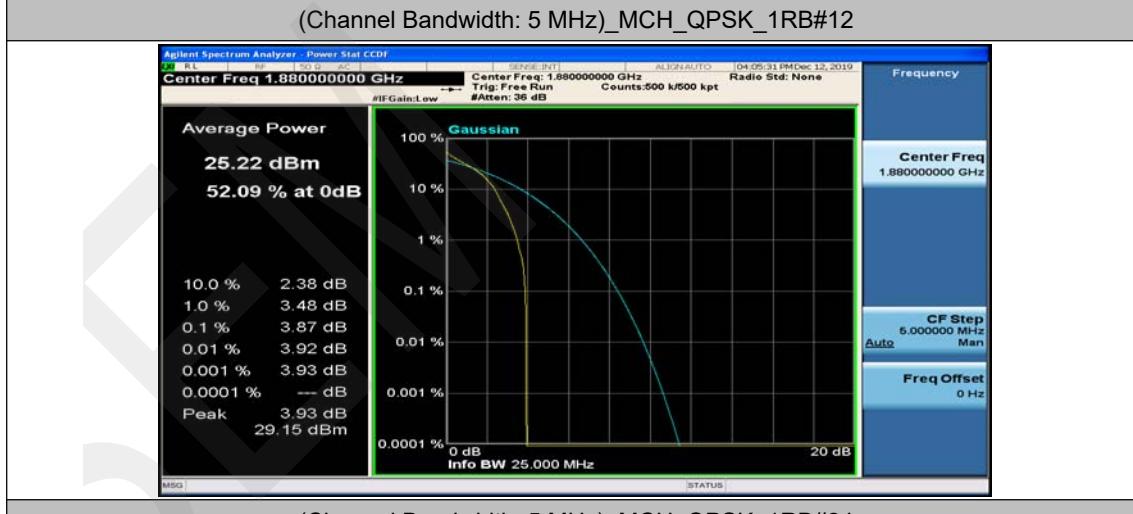
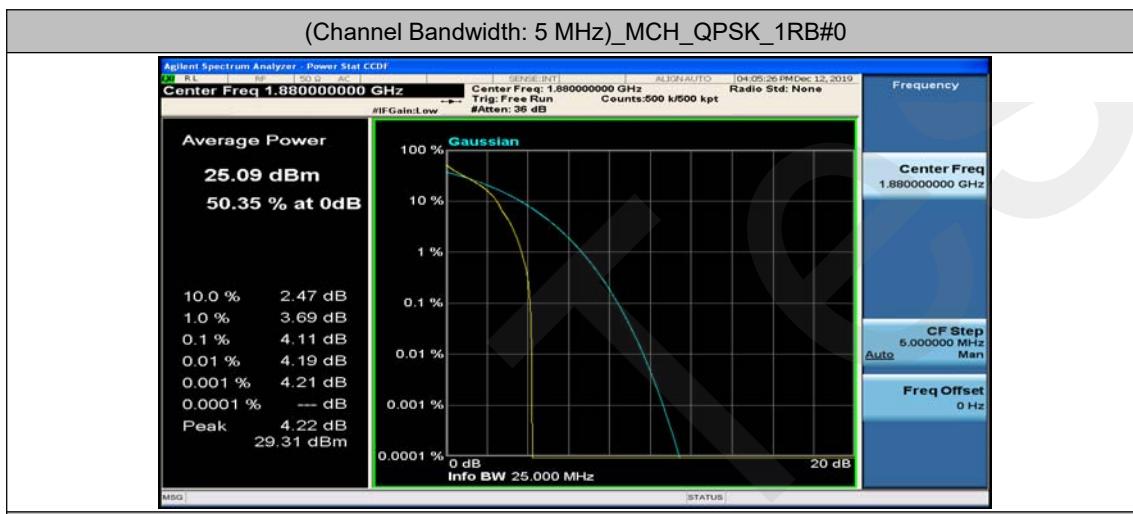
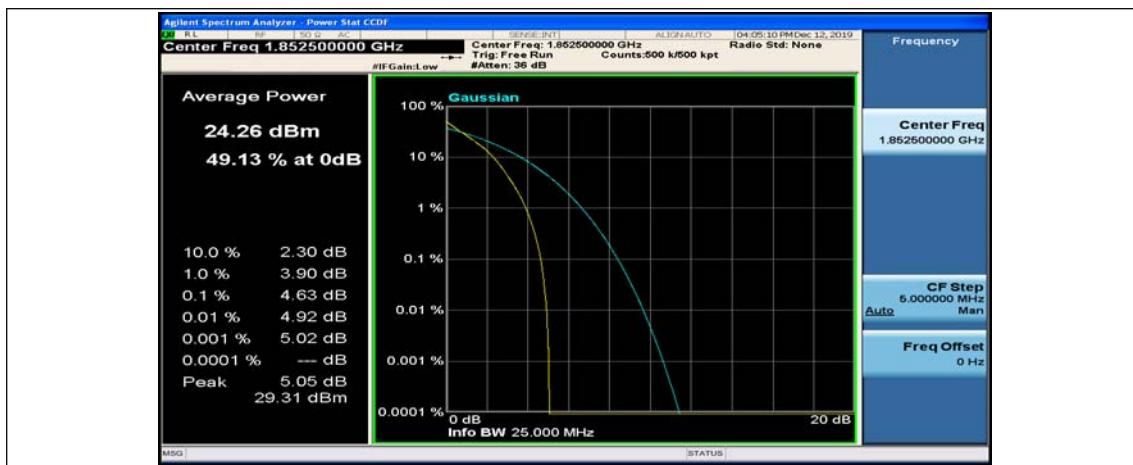




## Channel Bandwidth: 5 MHz







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

