

B.2: Peak-to-Average Ratio**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	4.41	<13	PASS
		1	3	4.48	<13	PASS
		1	5	4.52	<13	PASS
		3	0	4.87	<13	PASS
		3	2	4.86	<13	PASS
		3	3	4.95	<13	PASS
		6	0	5.75	<13	PASS
	MCH	1	0	4.52	<13	PASS
		1	3	4.38	<13	PASS
		1	5	4.34	<13	PASS
		3	0	4.1	<13	PASS
		3	2	4.02	<13	PASS
		3	3	4.03	<13	PASS
		6	0	5.17	<13	PASS
16QAM	LCH	1	0	4.63	<13	PASS
		1	3	4.57	<13	PASS
		1	5	4.55	<13	PASS
		3	0	4.59	<13	PASS
		3	2	4.53	<13	PASS
		3	3	4.51	<13	PASS
		6	0	5.49	<13	PASS
	MCH	1	0	5.28	<13	PASS
		1	3	5.34	<13	PASS
		1	5	5.38	<13	PASS
		3	0	5.71	<13	PASS
		3	2	5.72	<13	PASS
		3	3	5.76	<13	PASS
		6	0	6.61	<13	PASS
	HCH	1	0	5.42	<13	PASS
		1	3	5.36	<13	PASS
		1	5	5.28	<13	PASS
		3	0	5.06	<13	PASS
		3	2	5.02	<13	PASS
		3	3	5	<13	PASS
		6	0	6.12	<13	PASS
	HCH	1	0	5.24	<13	PASS
		1	3	5.18	<13	PASS

		1	5	5.2	<13	PASS
		3	0	5.46	<13	PASS
		3	2	5.38	<13	PASS
		3	3	5.36	<13	PASS
		6	0	6.35	<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	4.92	<13	PASS
		1	7	4.98	<13	PASS
		1	14	5.05	<13	PASS
		8	0	5.68	<13	PASS
		8	4	5.69	<13	PASS
		8	7	5.68	<13	PASS
		15	0	5.64	<13	PASS
	MCH	1	0	4.42	<13	PASS
		1	7	4.22	<13	PASS
		1	14	4.06	<13	PASS
		8	0	5.12	<13	PASS
		8	4	5.01	<13	PASS
		8	7	4.97	<13	PASS
		15	0	5.23	<13	PASS
	HCH	1	0	4.68	<13	PASS
		1	7	4.65	<13	PASS
		1	14	4.56	<13	PASS
		8	0	5.45	<13	PASS
		8	4	5.44	<13	PASS
		8	7	5.41	<13	PASS
		15	0	5.46	<13	PASS
16QAM	LCH	1	0	5.98	<13	PASS
		1	7	6.04	<13	PASS
		1	14	6.02	<13	PASS
		8	0	6.46	<13	PASS
		8	4	6.56	<13	PASS
		8	7	6.51	<13	PASS
		15	0	6.71	<13	PASS
	MCH	1	0	5.45	<13	PASS
		1	7	5.25	<13	PASS
		1	14	5.19	<13	PASS
		8	0	5.96	<13	PASS

	HCH	8	4	5.86	<13	PASS
		8	7	5.83	<13	PASS
		15	0	6.23	<13	PASS
		1	0	5.66	<13	PASS
		1	7	5.58	<13	PASS
		1	14	5.51	<13	PASS
		8	0	6.17	<13	PASS
		8	4	6.18	<13	PASS
		8	7	6.18	<13	PASS
		15	0	6.23	<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	4.98	<13	PASS
		1	12	5.06	<13	PASS
		1	24	5.1	<13	PASS
		12	0	5.76	<13	PASS
		12	6	5.73	<13	PASS
		12	13	5.67	<13	PASS
		25	0	5.7	<13	PASS
	MCH	1	0	4.65	<13	PASS
		1	12	4.29	<13	PASS
		1	24	4.08	<13	PASS
		12	0	5.22	<13	PASS
		12	6	5.03	<13	PASS
		12	13	5.02	<13	PASS
		25	0	5.27	<13	PASS
	HCH	1	0	4.59	<13	PASS
		1	12	4.58	<13	PASS
		1	24	4.57	<13	PASS
		12	0	5.39	<13	PASS
		12	6	5.36	<13	PASS
		12	13	5.42	<13	PASS
		25	0	5.46	<13	PASS
16QAM	LCH	1	0	5.93	<13	PASS
		1	12	6.05	<13	PASS
		1	24	6.1	<13	PASS
		12	0	6.61	<13	PASS
		12	6	6.59	<13	PASS
		12	13	6.54	<13	PASS

MCH	MCH	25	0	6.55	<13	PASS
		1	0	5.63	<13	PASS
		1	12	5.26	<13	PASS
		1	24	5.09	<13	PASS
		12	0	6.12	<13	PASS
		12	6	5.99	<13	PASS
		12	13	5.96	<13	PASS
		25	0	6.15	<13	PASS
	HCH	1	0	5.59	<13	PASS
		1	12	5.48	<13	PASS
		1	24	5.43	<13	PASS
		12	0	6.24	<13	PASS
		12	6	6.2	<13	PASS
		12	13	6.28	<13	PASS
		25	0	6.35	<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	4.92	<13	PASS
		1	24	5.1	<13	PASS
		1	49	4.96	<13	PASS
		25	0	5.66	<13	PASS
		25	12	5.65	<13	PASS
		25	25	5.61	<13	PASS
		50	0	5.66	<13	PASS
	MCH	1	0	4.84	<13	PASS
		1	24	4.22	<13	PASS
		1	49	3.92	<13	PASS
		25	0	5.29	<13	PASS
		25	12	5.13	<13	PASS
		25	25	5.02	<13	PASS
		50	0	5.39	<13	PASS
	HCH	1	0	4.53	<13	PASS
		1	24	4.63	<13	PASS
		1	49	4.53	<13	PASS
		25	0	5.41	<13	PASS
		25	12	5.38	<13	PASS
		25	25	5.44	<13	PASS
		50	0	5.41	<13	PASS
16QAM	LCH	1	0	5.92	<13	PASS

		1	24	6.05	<13	PASS
		1	49	5.93	<13	PASS
		25	0	6.47	<13	PASS
		25	12	6.36	<13	PASS
		25	25	6.37	<13	PASS
		50	0	6.48	<13	PASS
	MCH	1	0	5.8	<13	PASS
		1	24	5.33	<13	PASS
		1	49	4.95	<13	PASS
		25	0	6.12	<13	PASS
		25	12	5.97	<13	PASS
		25	25	5.88	<13	PASS
		50	0	6.26	<13	PASS
	HCH	1	0	5.51	<13	PASS
		1	24	5.61	<13	PASS
		1	49	5.53	<13	PASS
		25	0	6.34	<13	PASS
		25	12	6.26	<13	PASS
		25	25	6.26	<13	PASS
		50	0	6.29	<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	7.07	<13	PASS
		1	37	5	<13	PASS
		1	74	8.88	<13	PASS
		37	0	4.87	<13	PASS
		37	18	5.63	<13	PASS
		37	38	4.92	<13	PASS
		75	0	4.82	<13	PASS
	MCH	1	0	6.44	<13	PASS
		1	37	4.23	<13	PASS
		1	74	8.94	<13	PASS
		37	0	4.76	<13	PASS
		37	18	5.29	<13	PASS
		37	38	4.82	<13	PASS
		75	0	4.93	<13	PASS
	HCH	1	0	7.52	<13	PASS
		1	37	4.63	<13	PASS
		1	74	9.55	<13	PASS

		37	0	4.84	<13	PASS
		37	18	5.47	<13	PASS
		37	38	4.81	<13	PASS
		75	0	4.99	<13	PASS
16QAM	LCH	1	0	8.2	<13	PASS
		1	37	6.09	<13	PASS
		1	74	9.74	<13	PASS
		37	0	6.17	<13	PASS
		37	18	6.43	<13	PASS
		37	38	6.25	<13	PASS
		75	0	6.25	<13	PASS
	MCH	1	0	7.73	<13	PASS
		1	37	5.36	<13	PASS
		1	74	9.73	<13	PASS
		37	0	6.1	<13	PASS
		37	18	6.12	<13	PASS
		37	38	6.03	<13	PASS
		75	0	6.21	<13	PASS
	HCH	1	0	7.99	<13	PASS
		1	37	5.44	<13	PASS
		1	74	10.16	<13	PASS
		37	0	6.03	<13	PASS
		37	18	6.3	<13	PASS
		37	38	6.14	<13	PASS
		75	0	6.41	<13	PASS

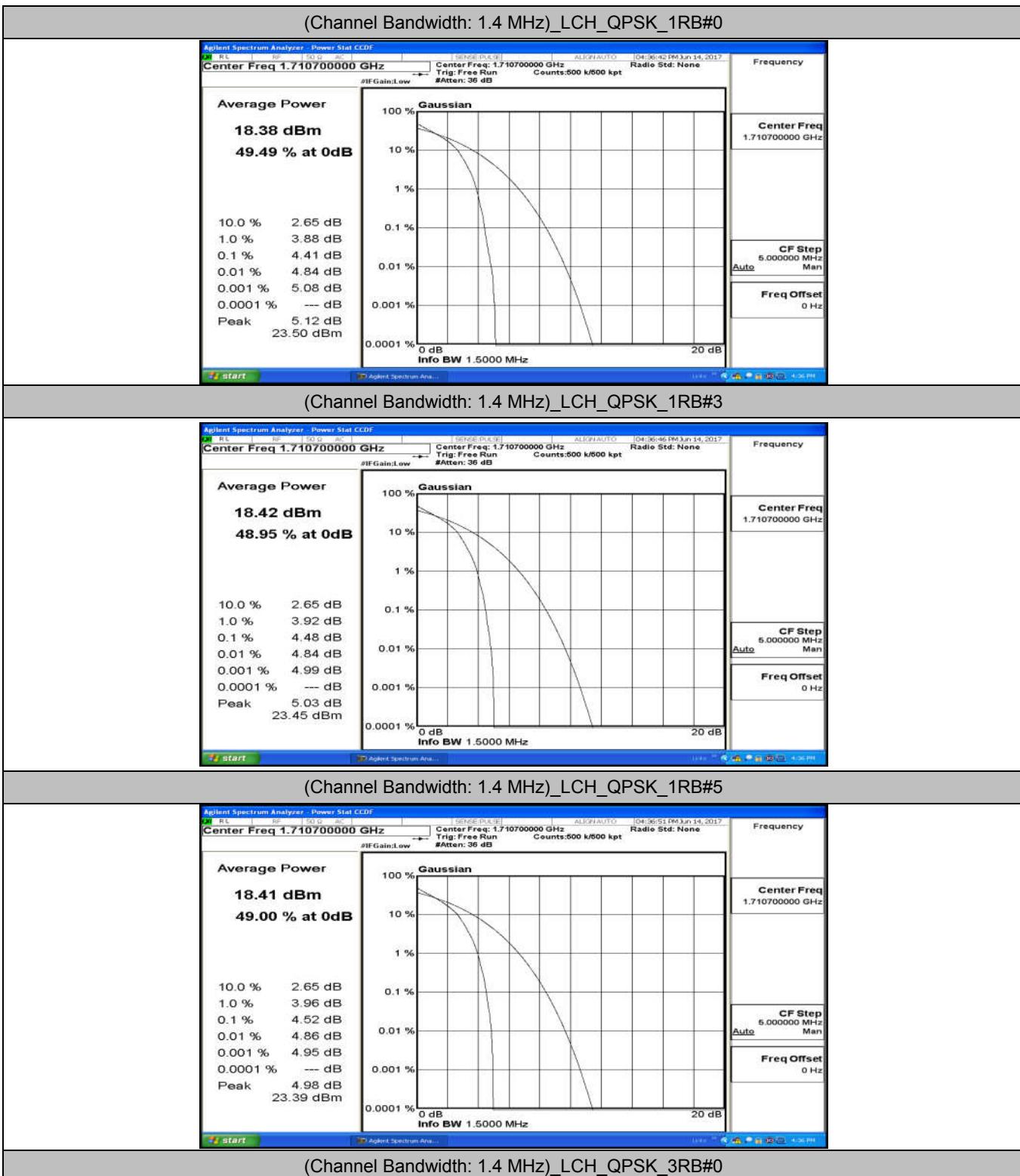
Channel Bandwidth: 20 MHz

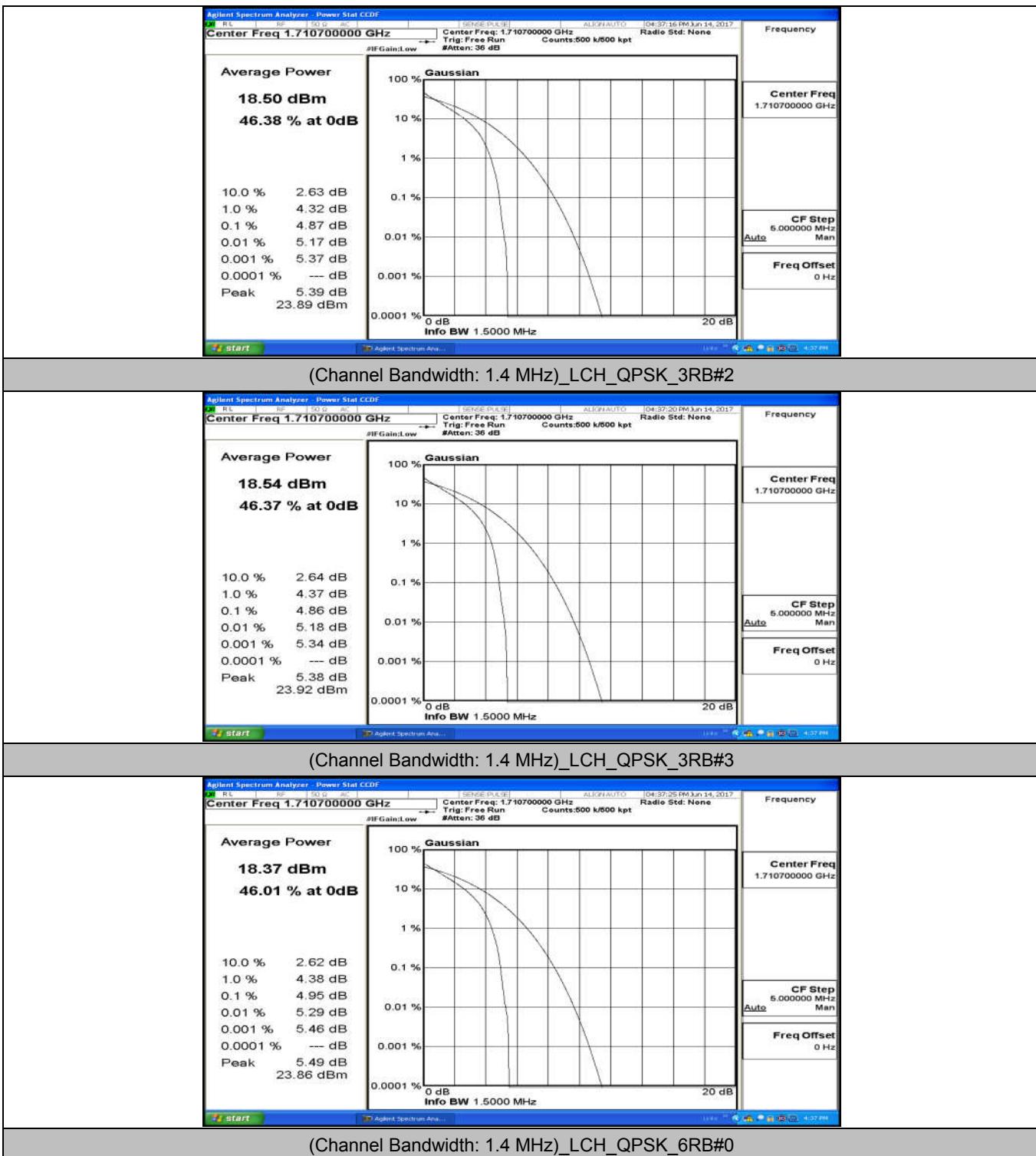
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	9.11	<13	PASS
		1	49	4.93	<13	PASS
		1	99	9.39	<13	PASS
		50	0	5.57	<13	PASS
		50	25	5.68	<13	PASS
		50	50	5.93	<13	PASS
		100	0	5.55	<13	PASS
	MCH	1	0	7.81	<13	PASS
		1	49	4.08	<13	PASS
		1	99	8.83	<13	PASS
		50	0	5.51	<13	PASS
		50	25	5.45	<13	PASS

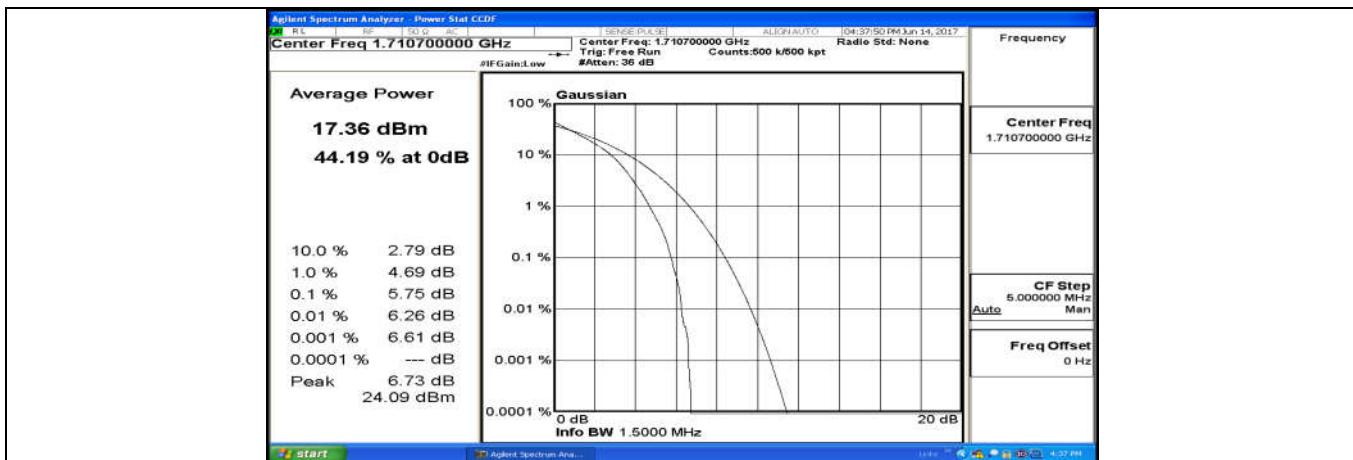
		50	50	5.87	<13	PASS
		100	0	5.67	<13	PASS
	HCH	1	0	9.26	<13	PASS
		1	49	4.39	<13	PASS
		1	99	9.41	<13	PASS
		50	0	5.59	<13	PASS
		50	25	5.58	<13	PASS
		50	50	6.01	<13	PASS
16QAM	LCH	100	0	5.81	<13	PASS
		1	0	9.43	<13	PASS
		1	49	5.78	<13	PASS
		1	99	9.04	<13	PASS
		50	0	6.7	<13	PASS
		50	25	6.47	<13	PASS
		50	50	6.88	<13	PASS
	MCH	100	0	6.76	<13	PASS
		1	0	8.8	<13	PASS
		1	49	5.03	<13	PASS
		1	99	8.79	<13	PASS
		50	0	6.77	<13	PASS
		50	25	6.21	<13	PASS
		50	50	6.83	<13	PASS
	HCH	100	0	6.81	<13	PASS
		1	0	9.15	<13	PASS
		1	49	5.52	<13	PASS
		1	99	8.95	<13	PASS
		50	0	6.6	<13	PASS
		50	25	6.39	<13	PASS
		50	50	6.85	<13	PASS
		100	0	6.79	<13	PASS

Test Graphs

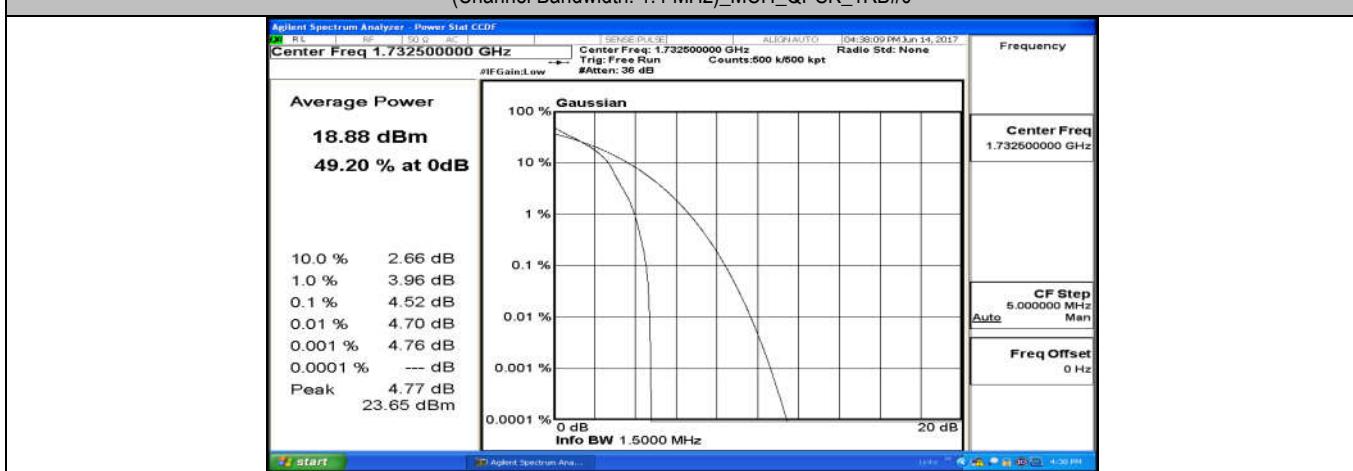
Channel Bandwidth: 1.4 MHz



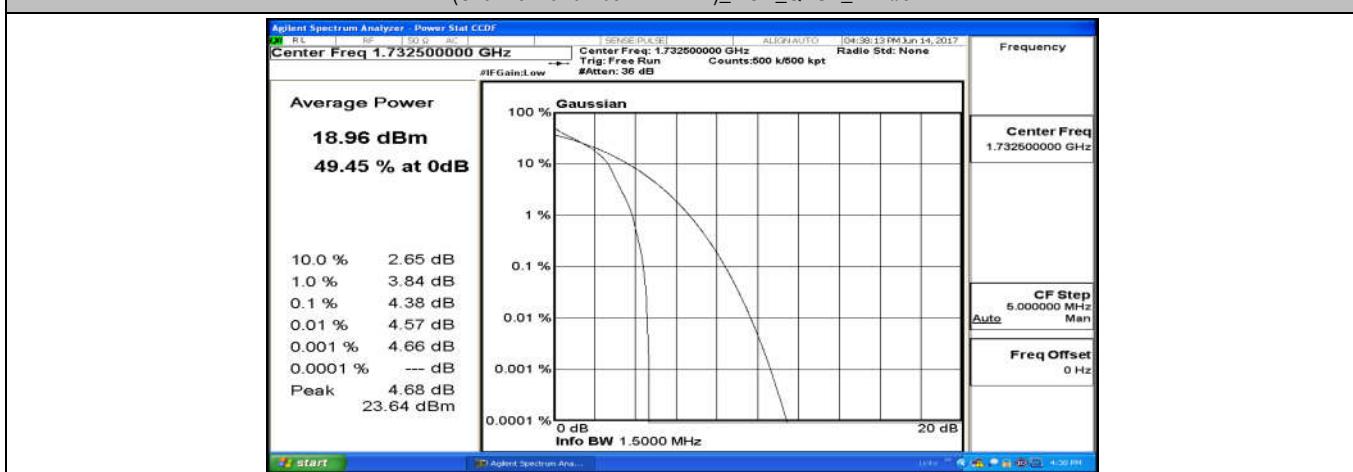




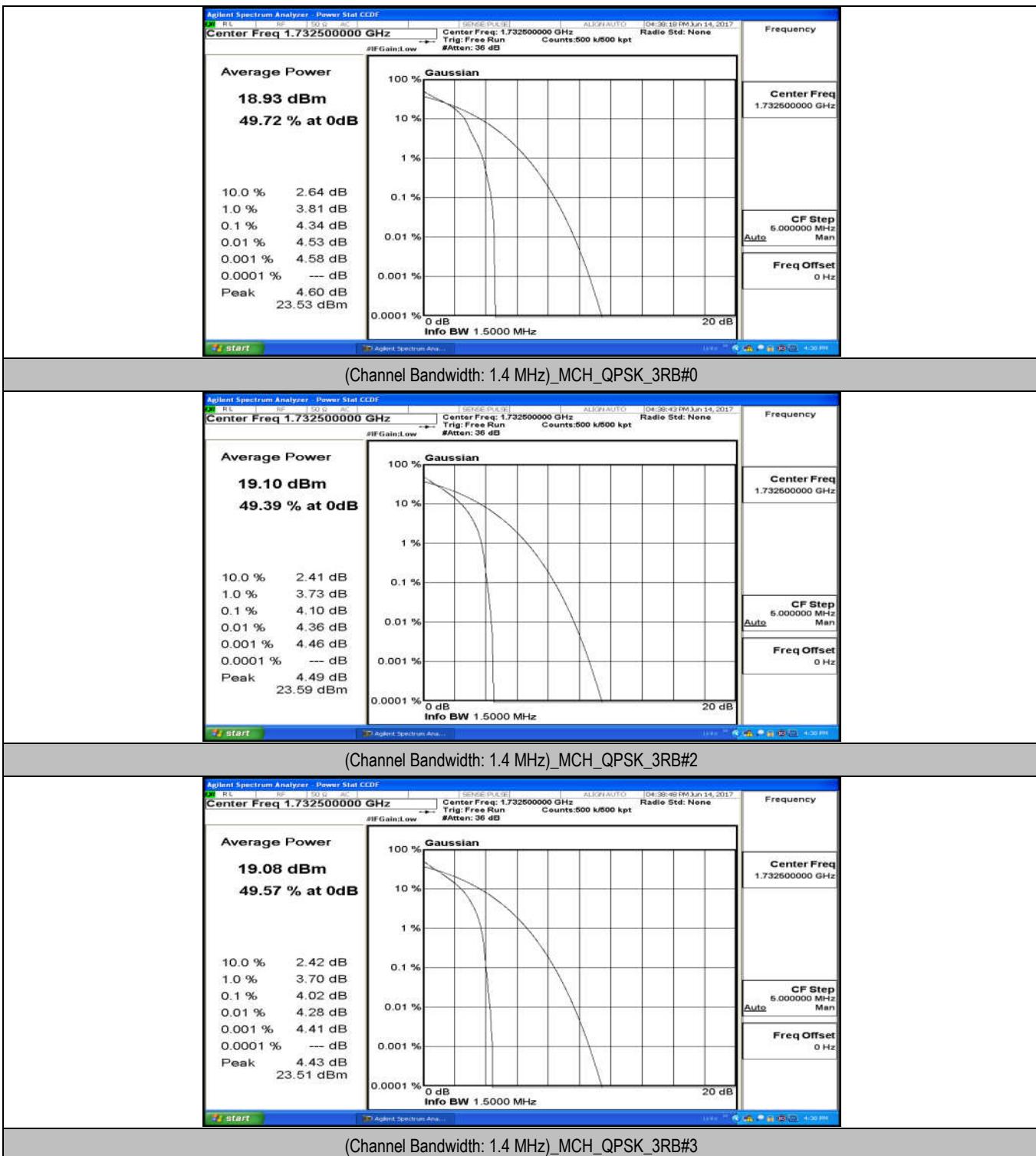
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

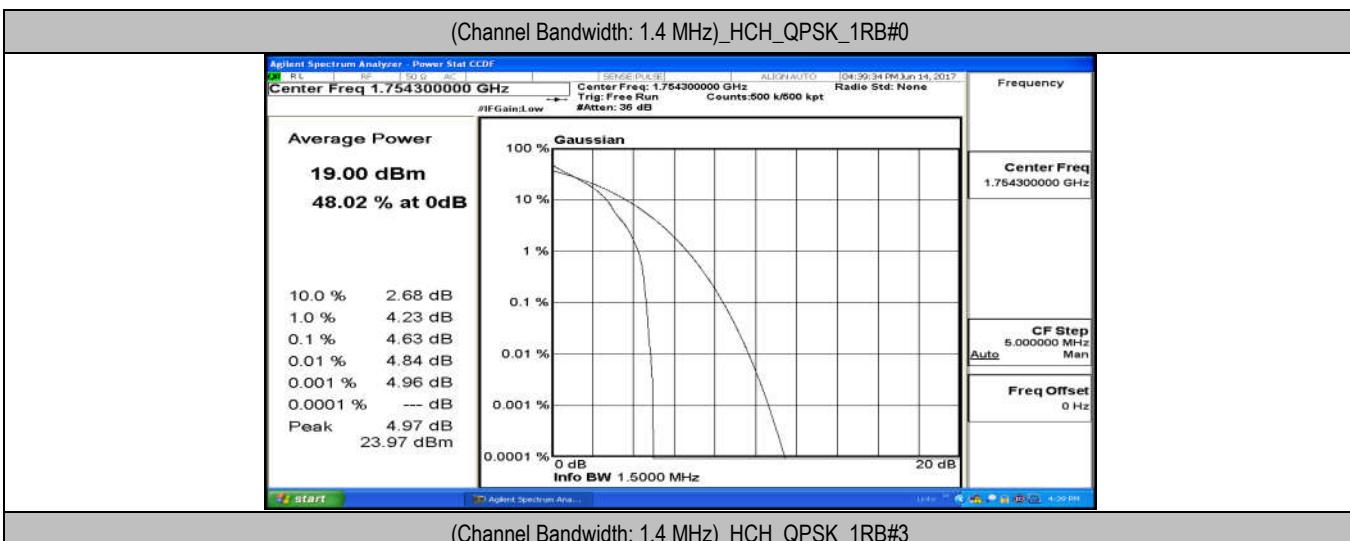
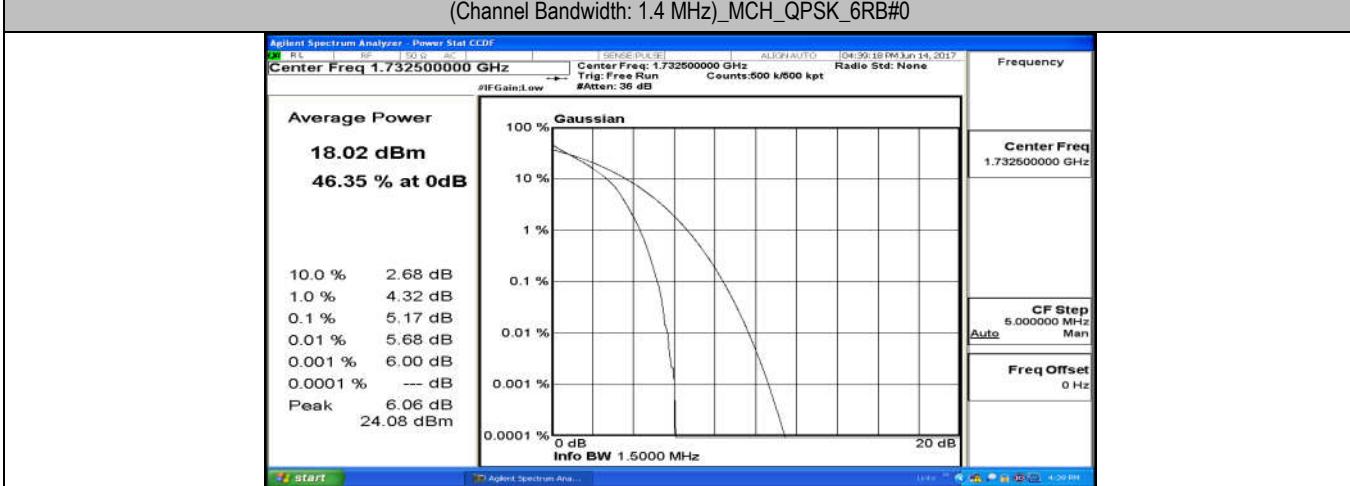
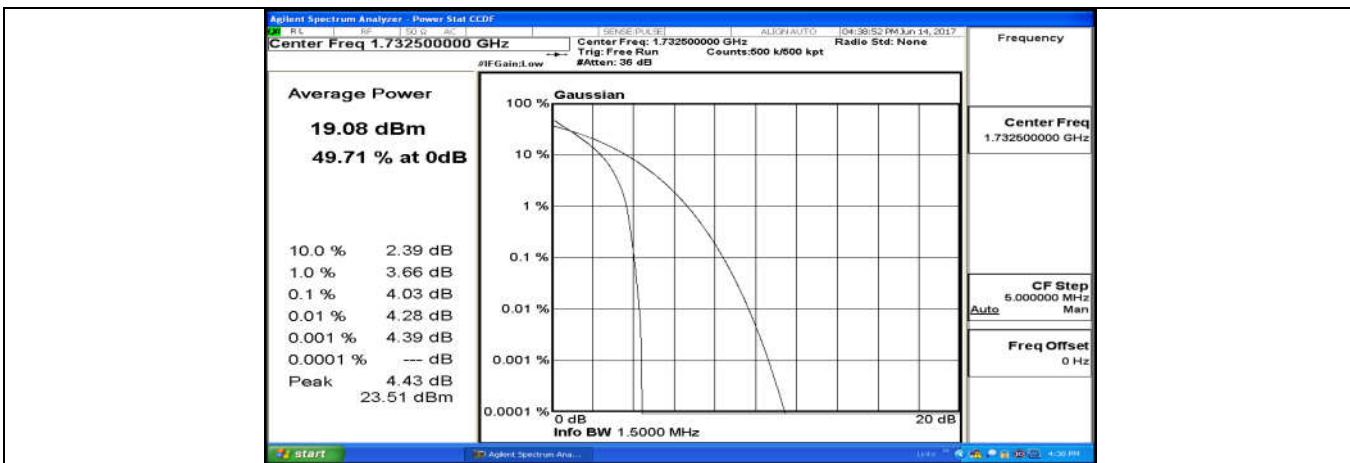


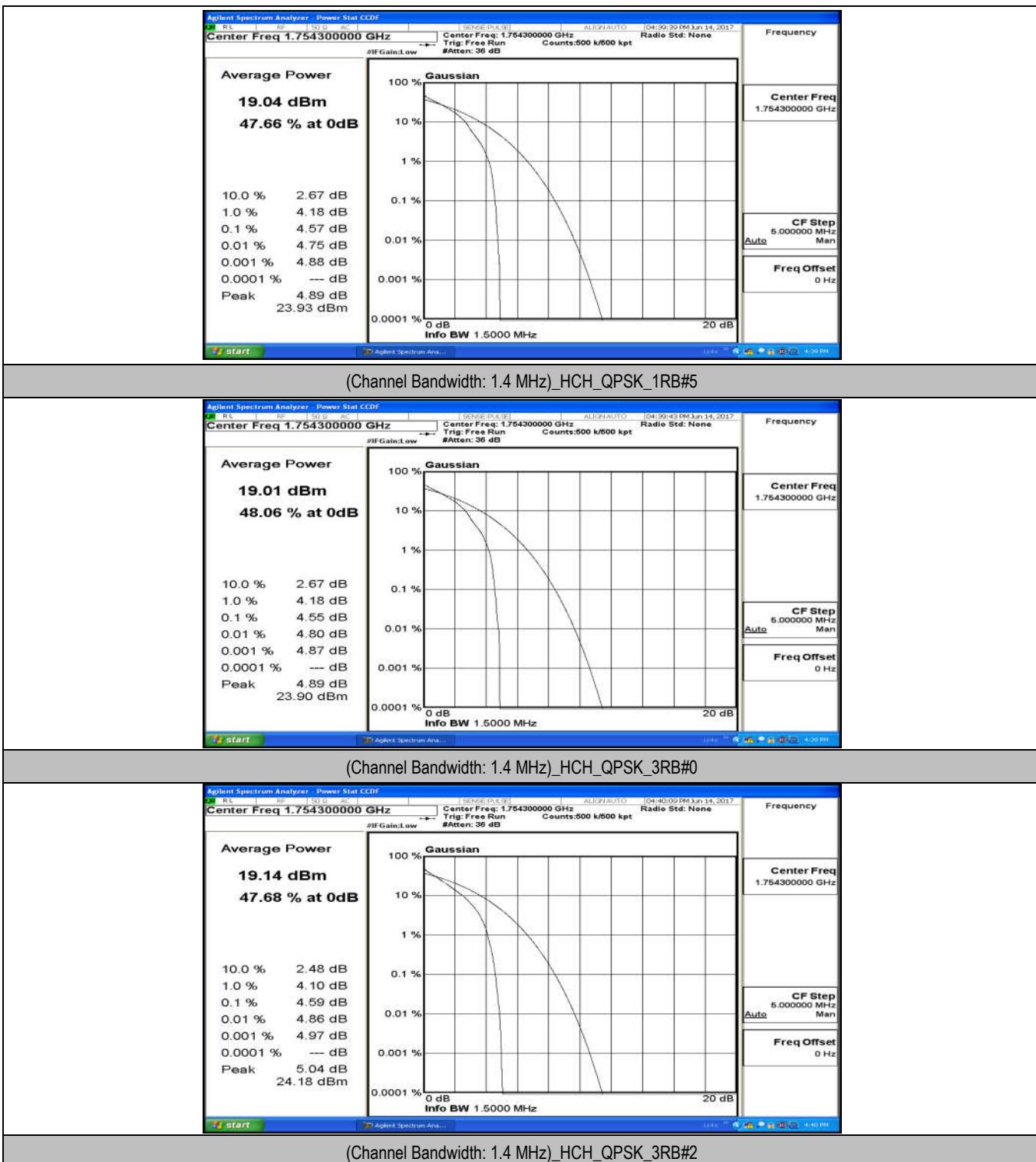
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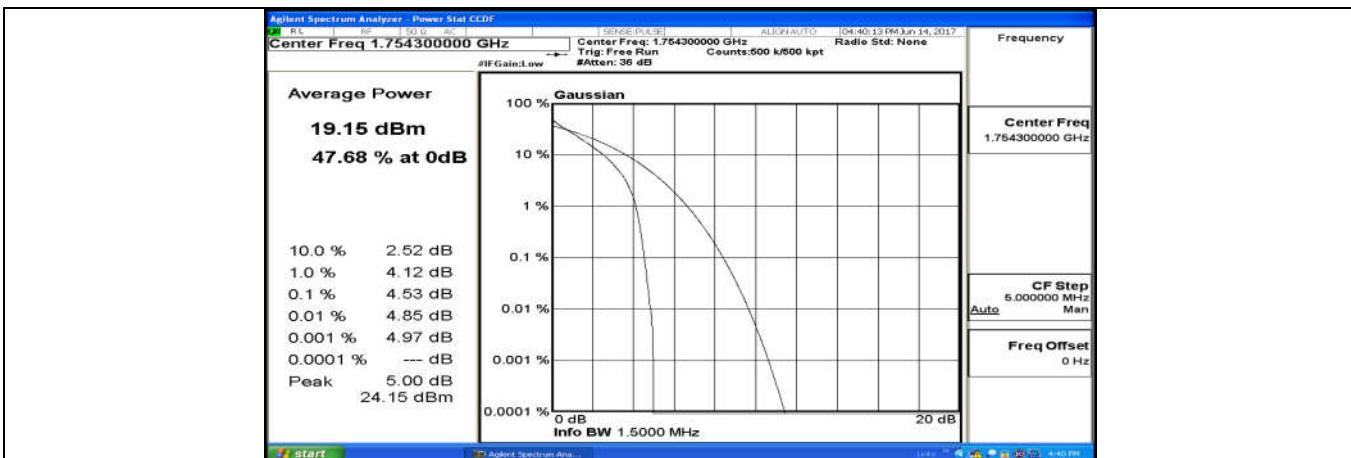


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

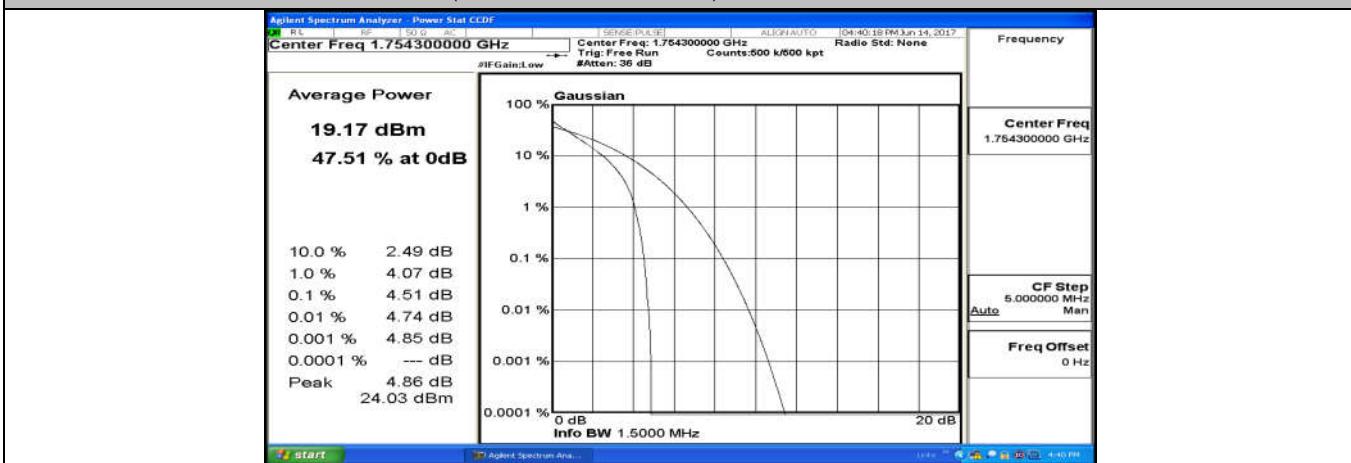




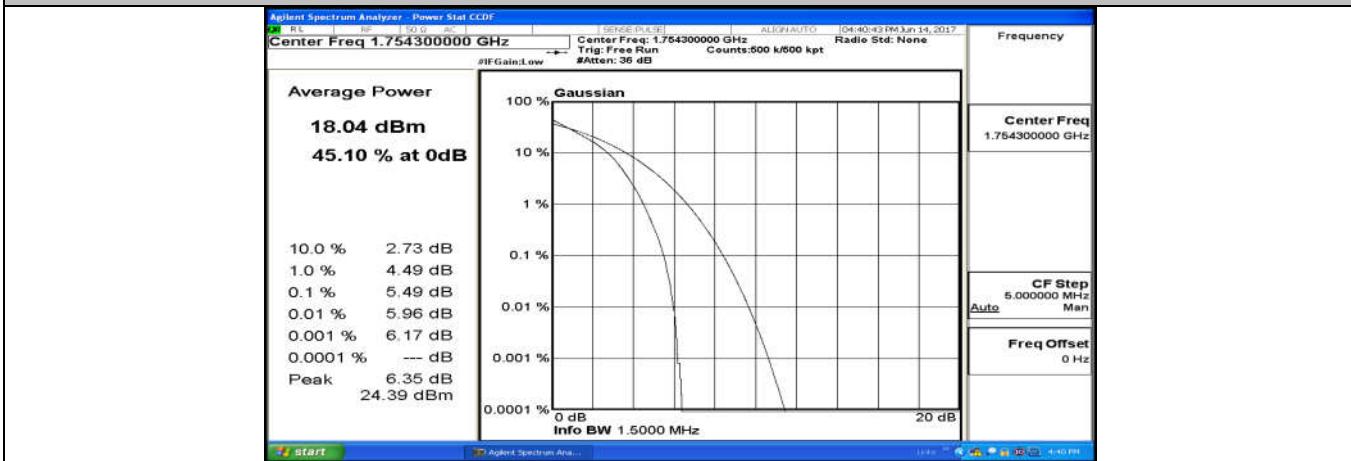




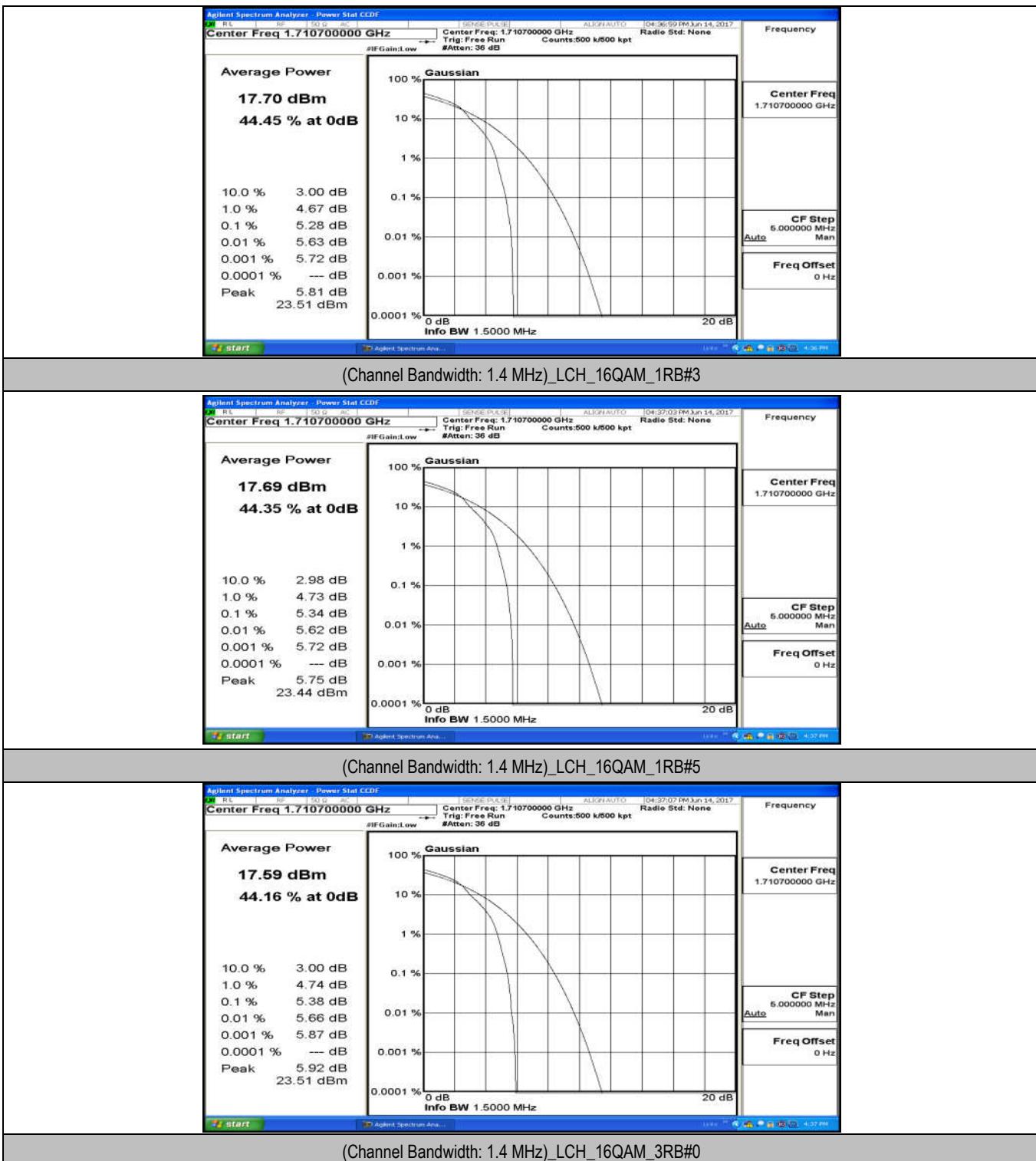
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3

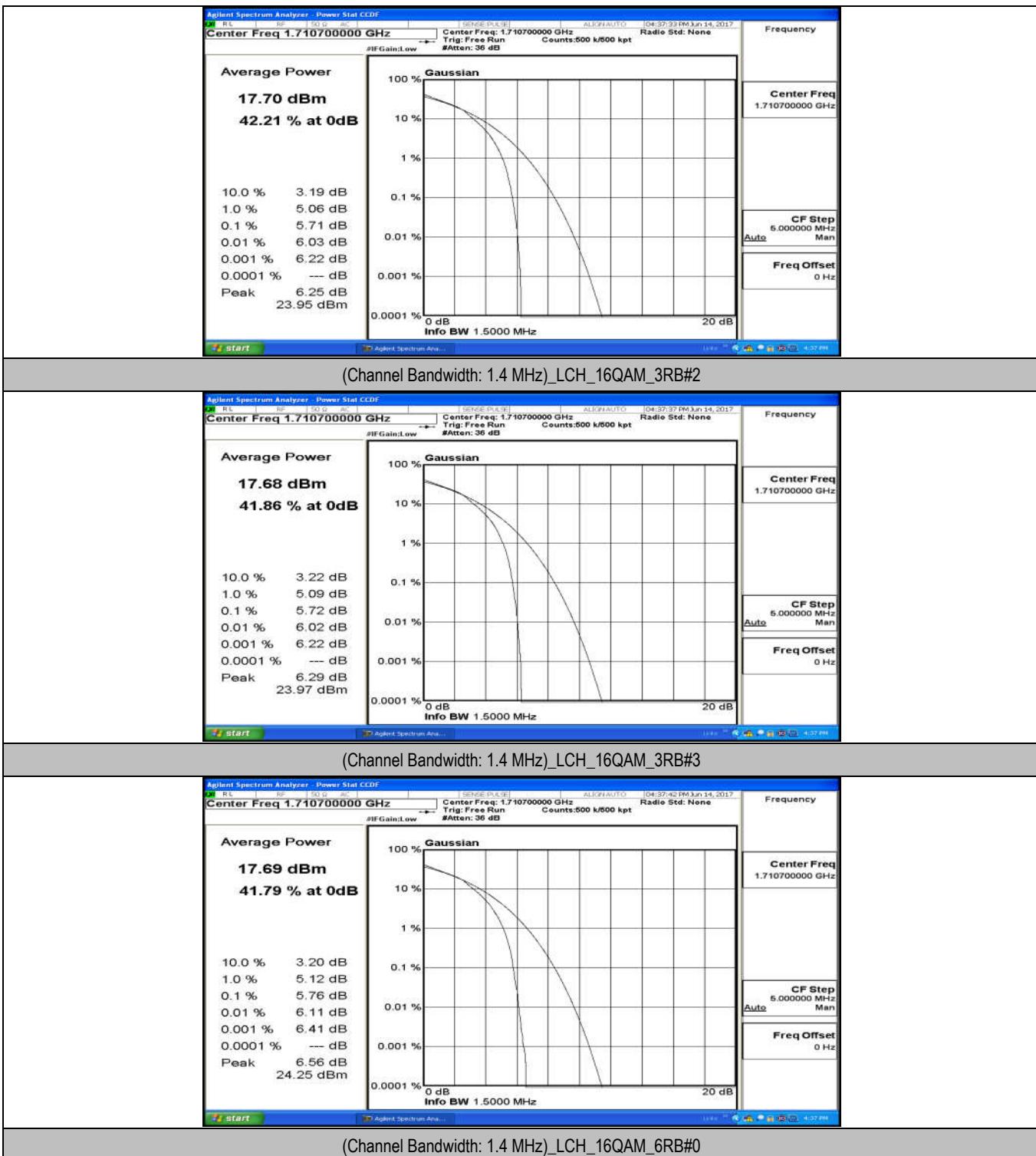


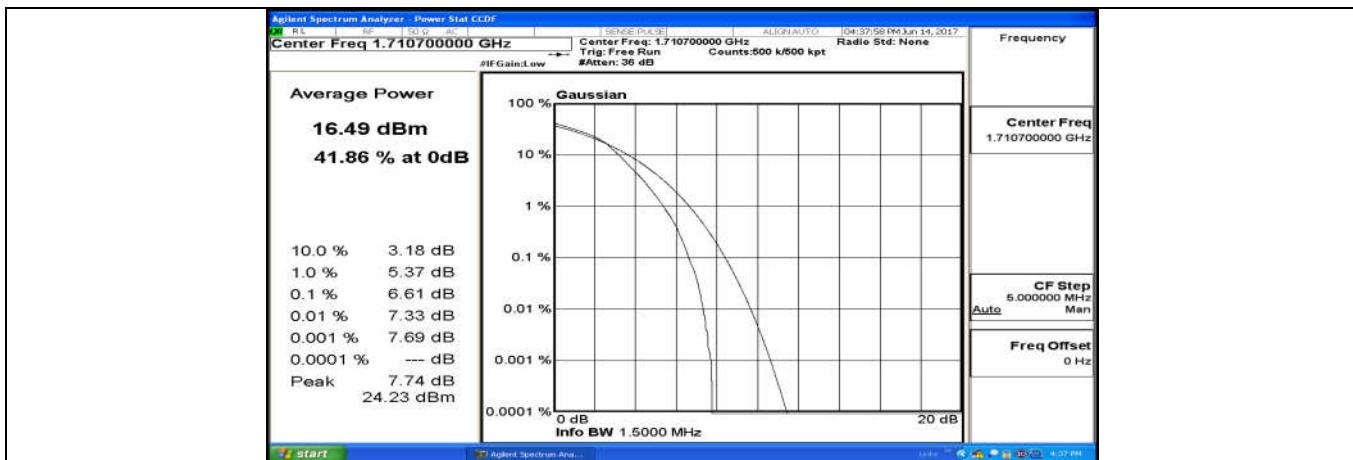
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



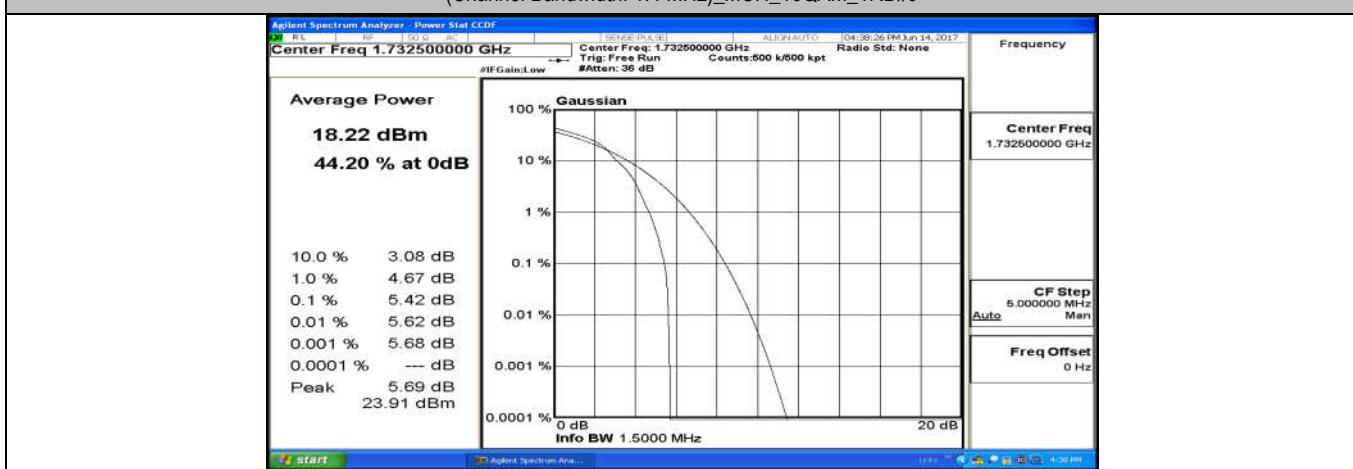
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



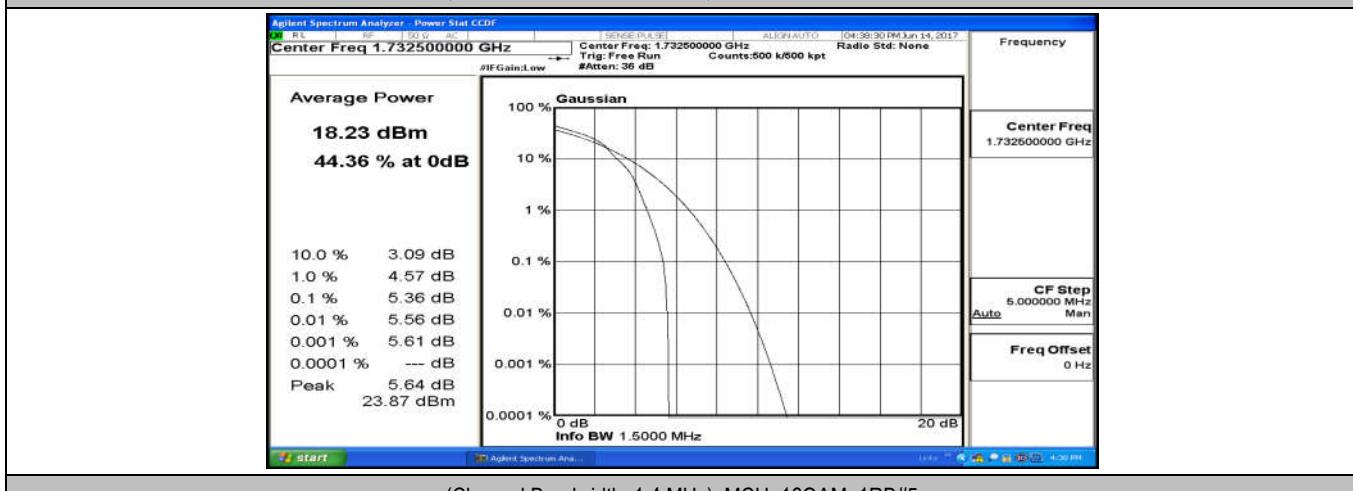




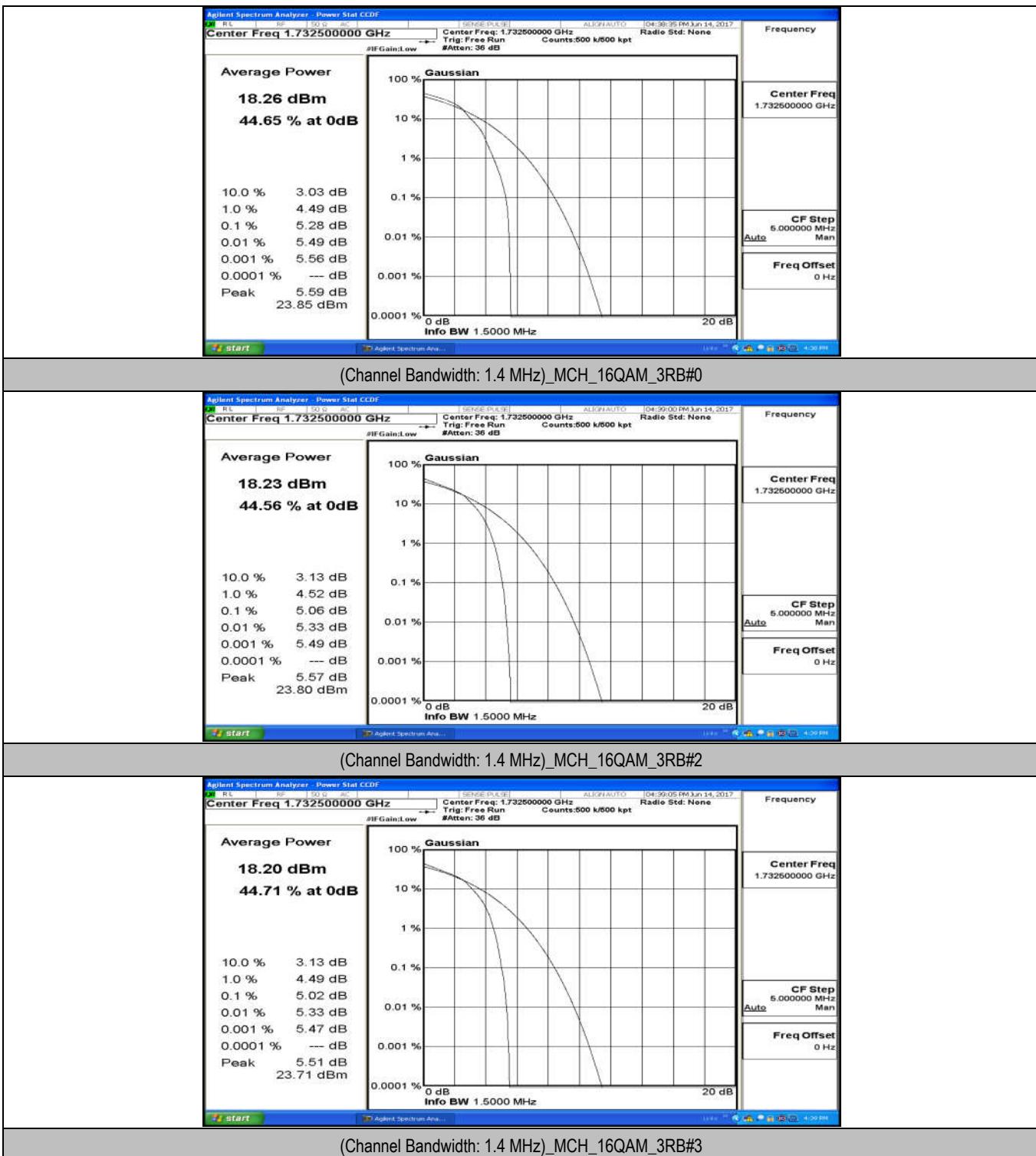
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

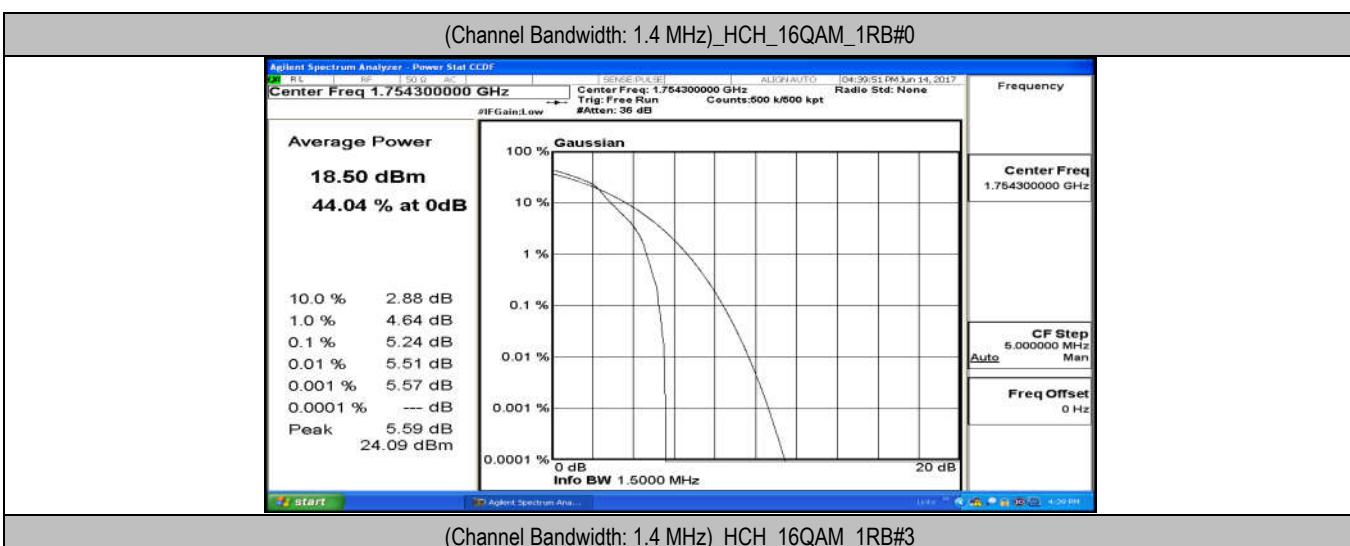
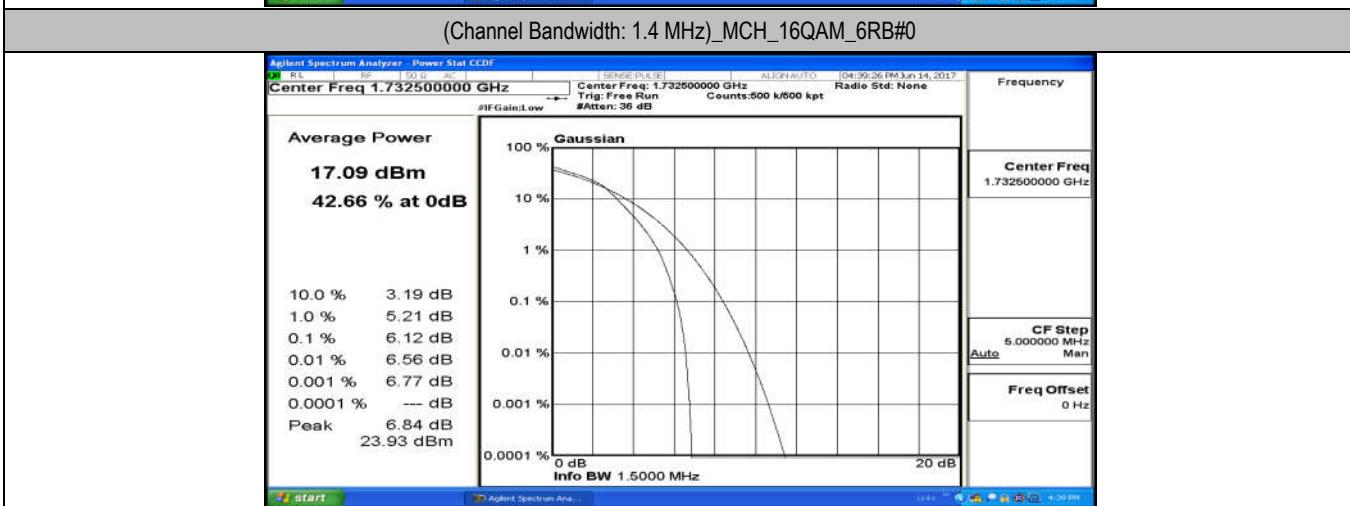
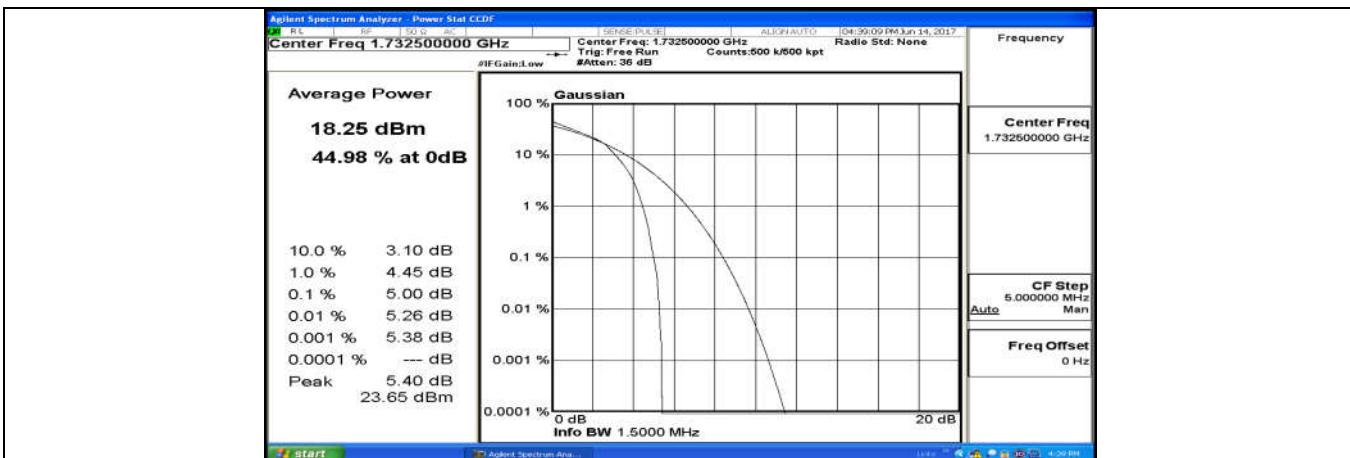


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

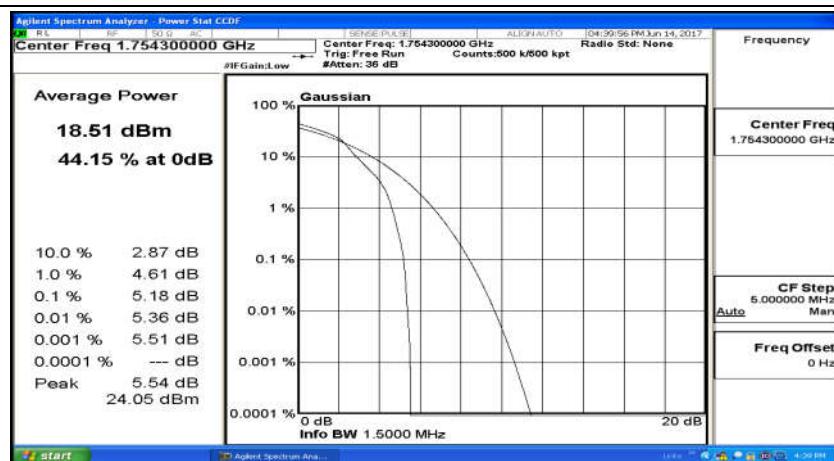


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5

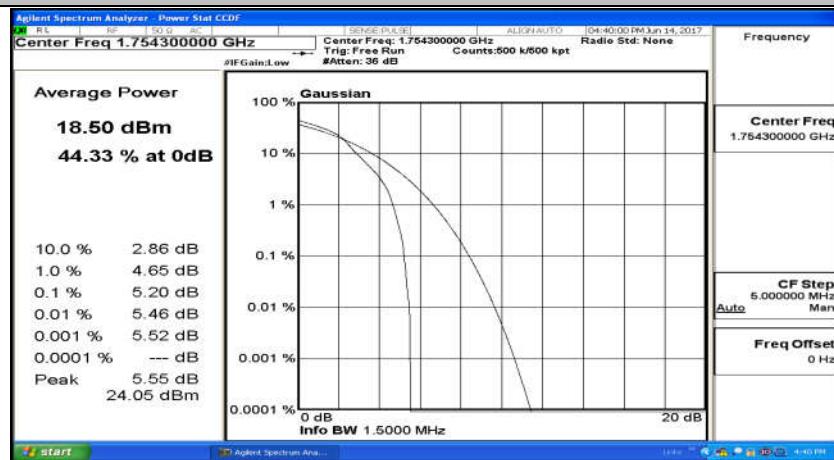




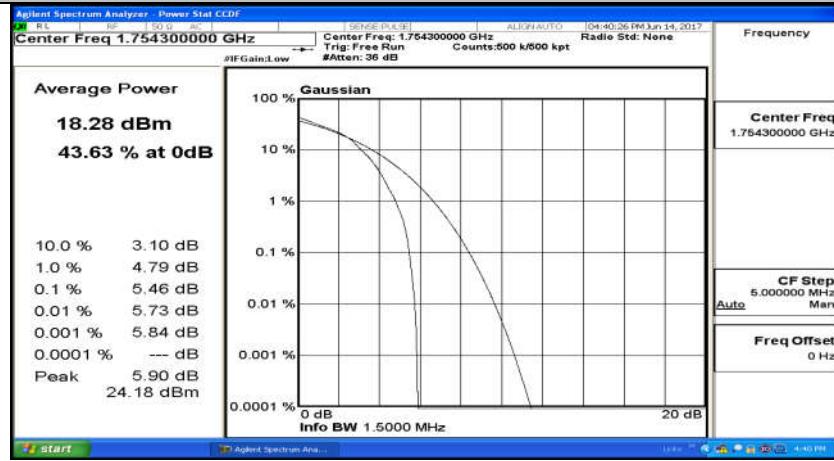
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



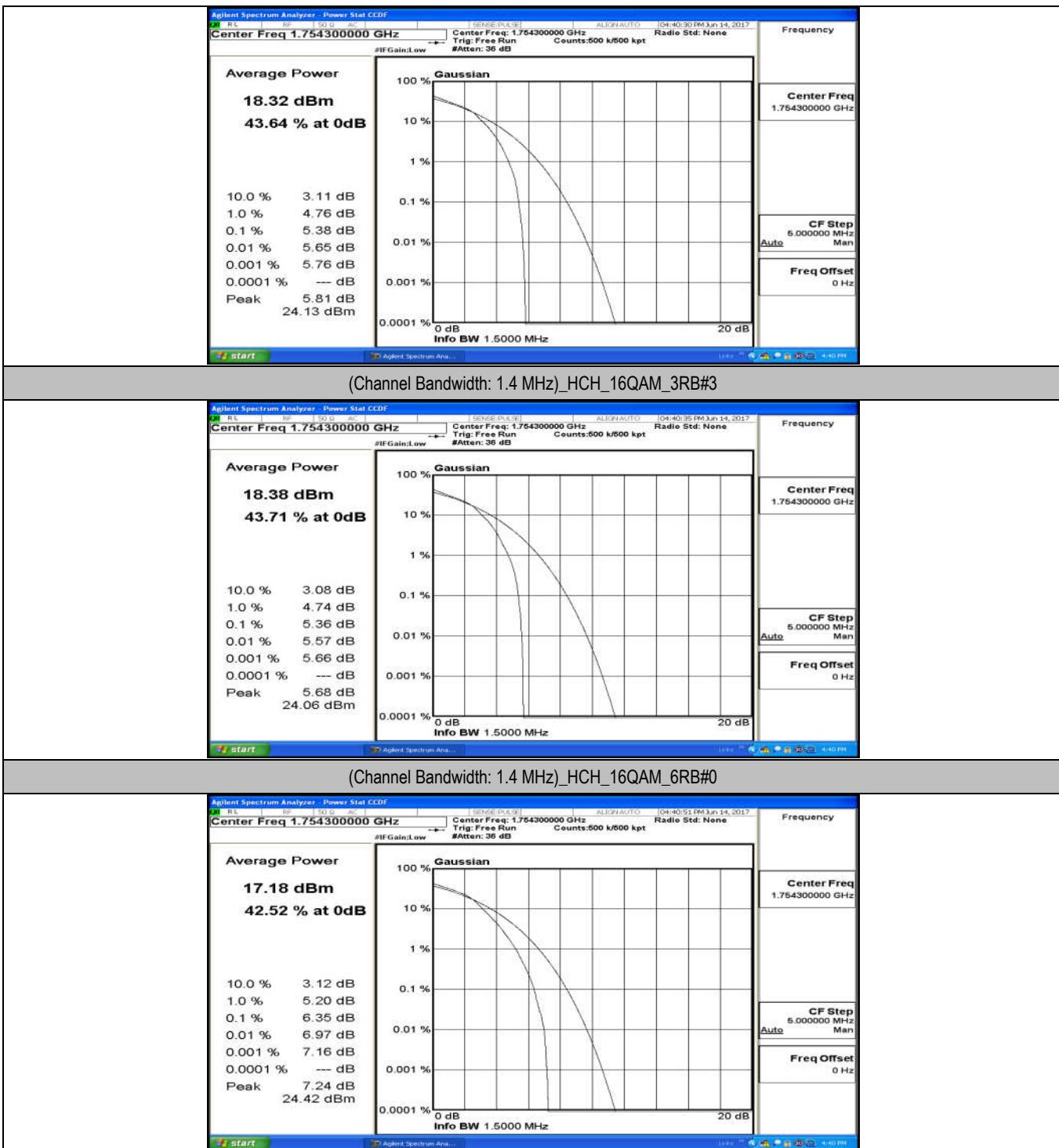
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0

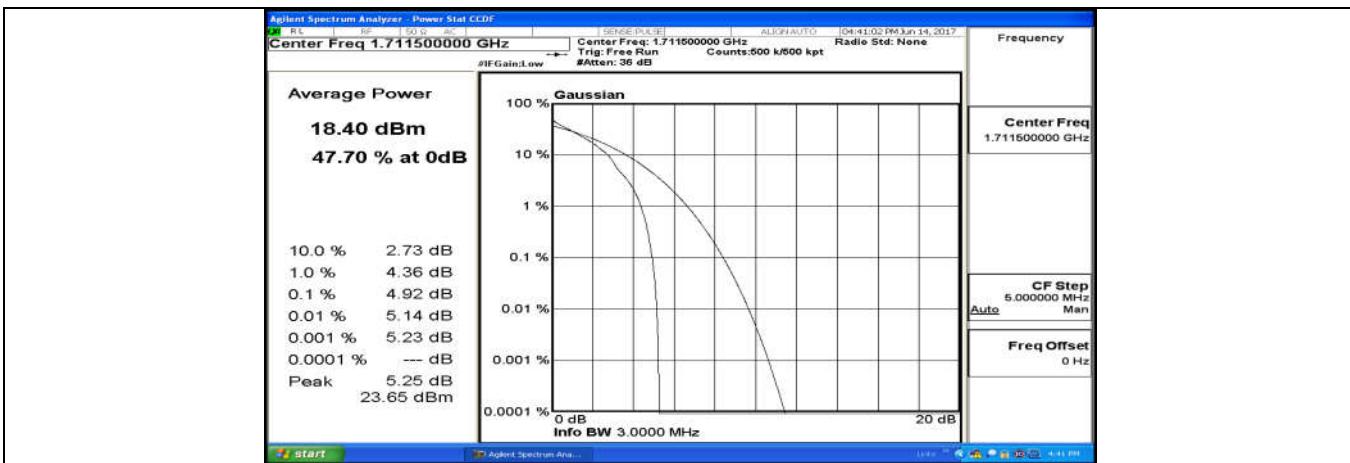


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2

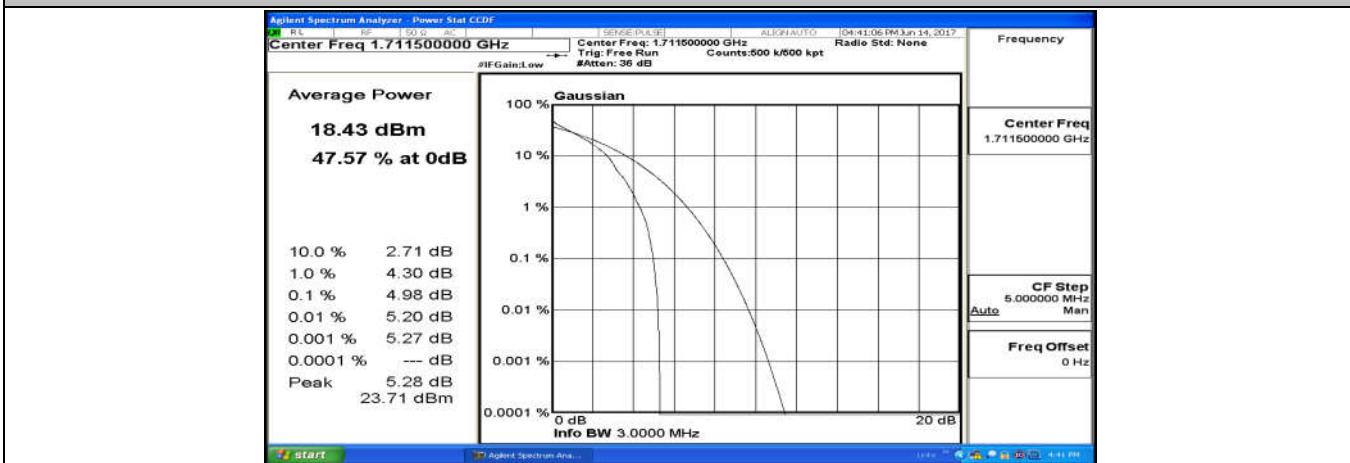


Channel Bandwidth: 3 MHz

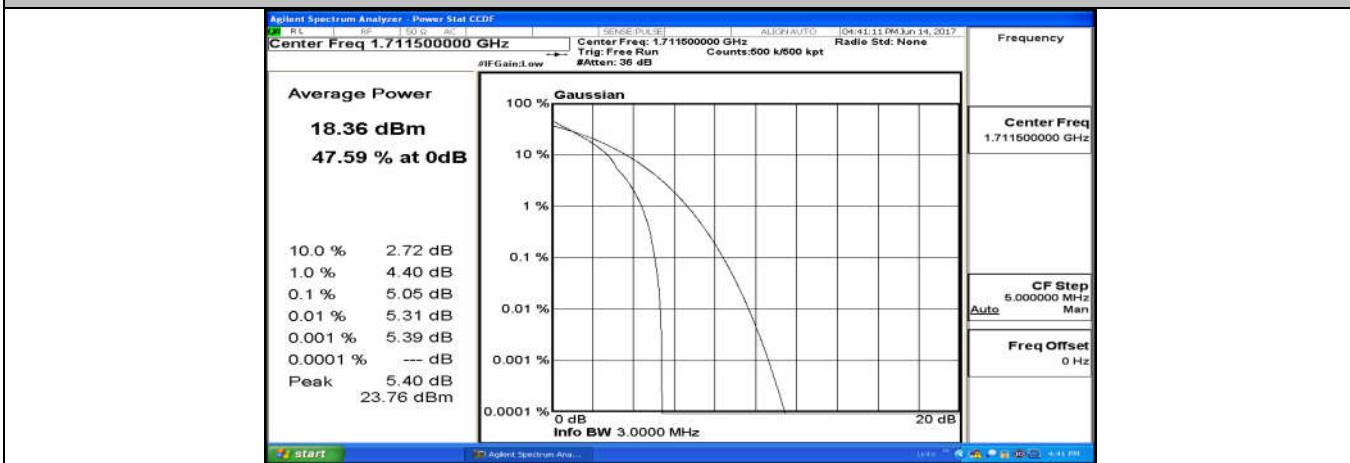
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



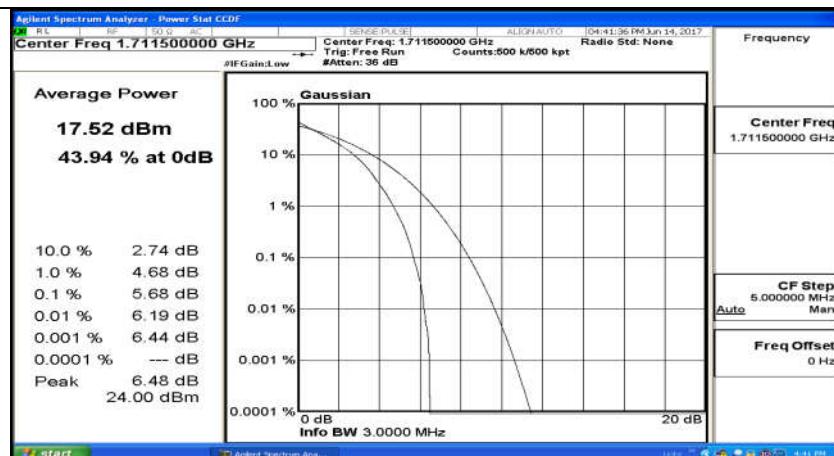
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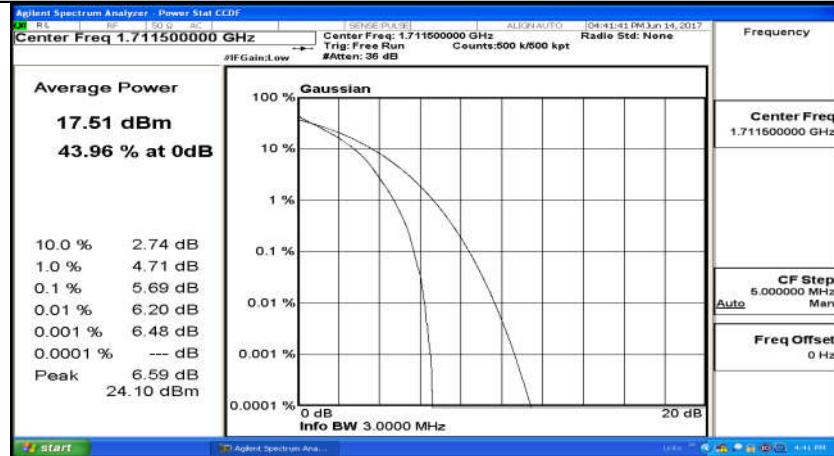
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



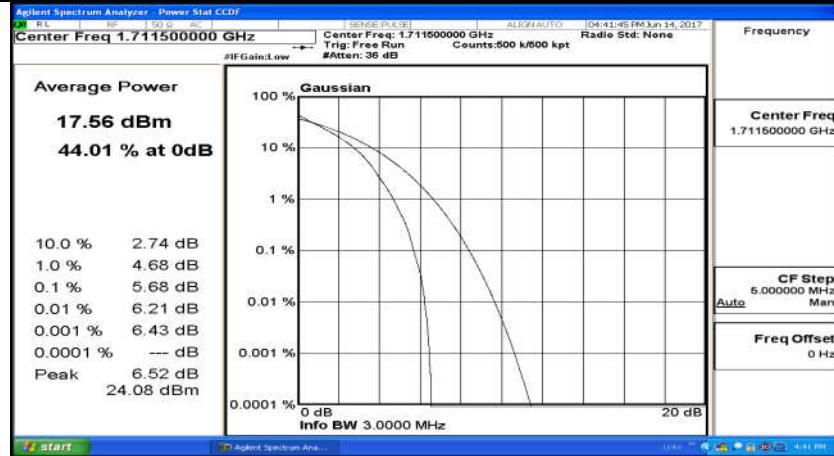
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0



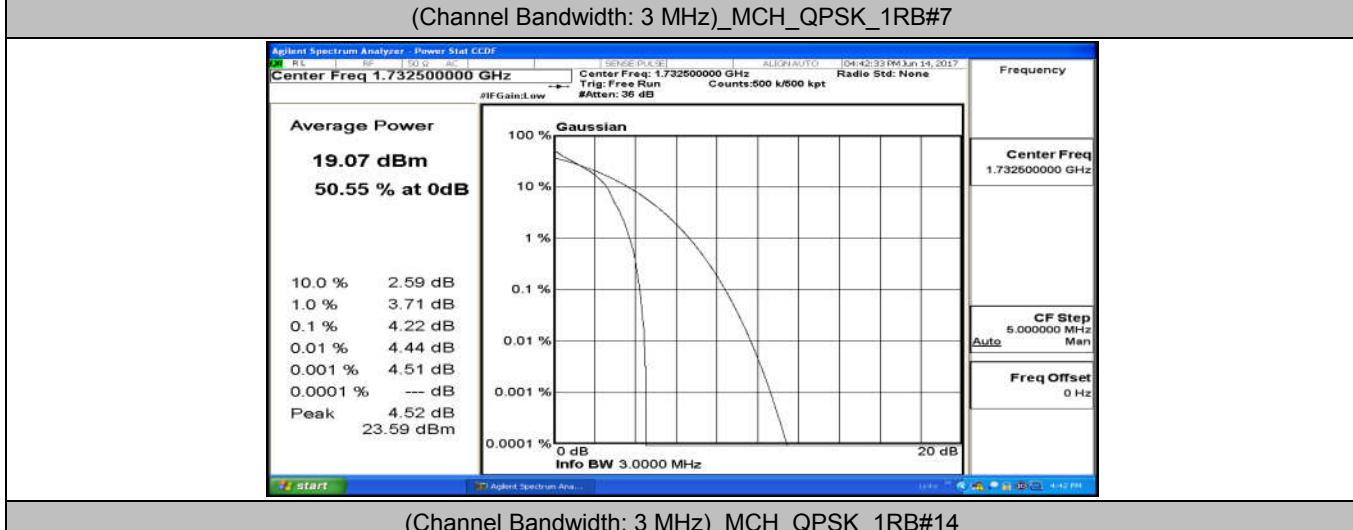
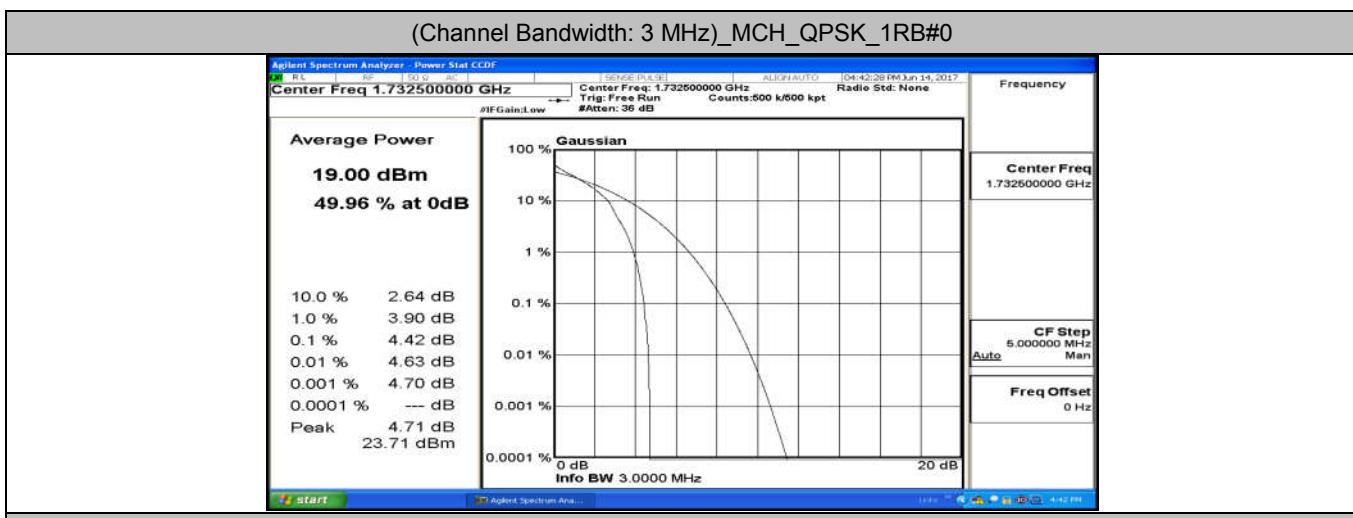
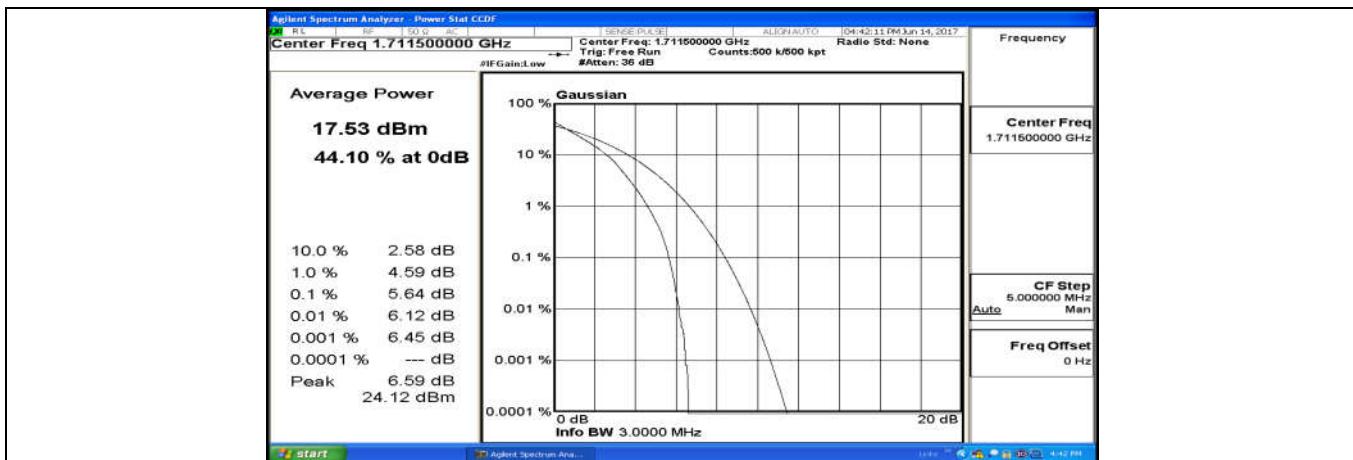
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4



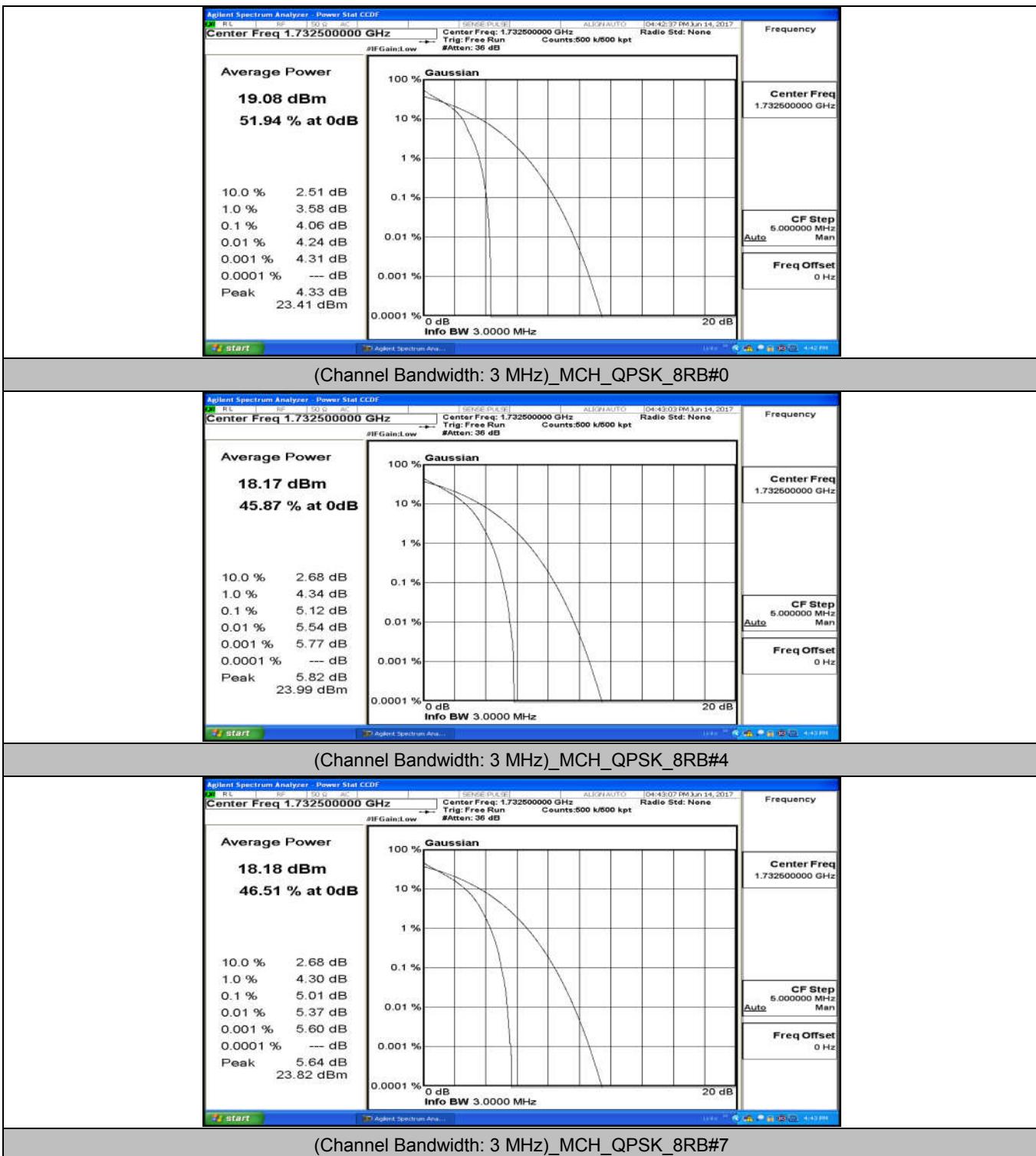
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7

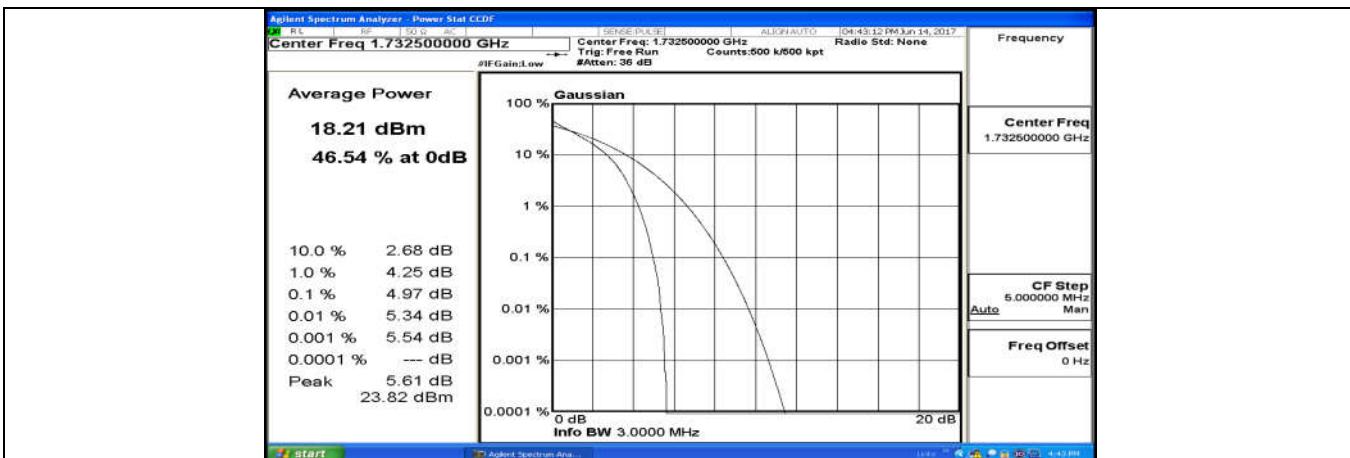


(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0

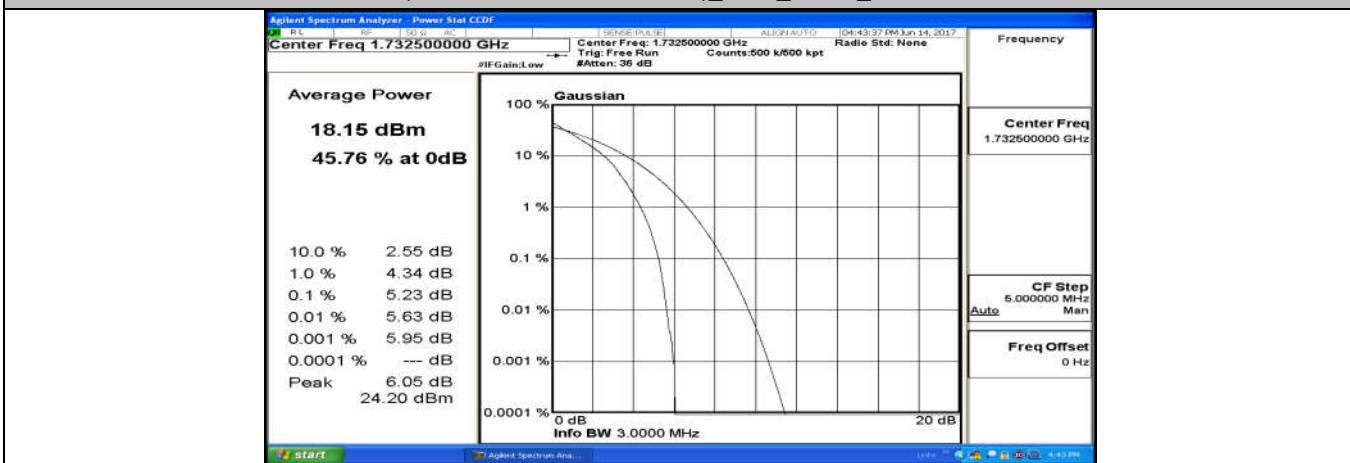


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

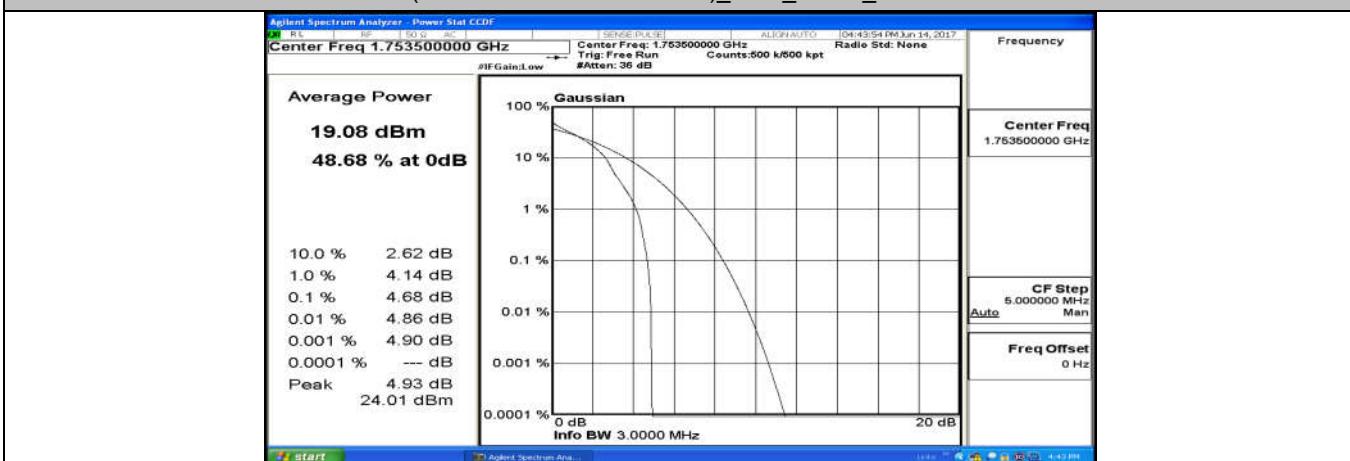




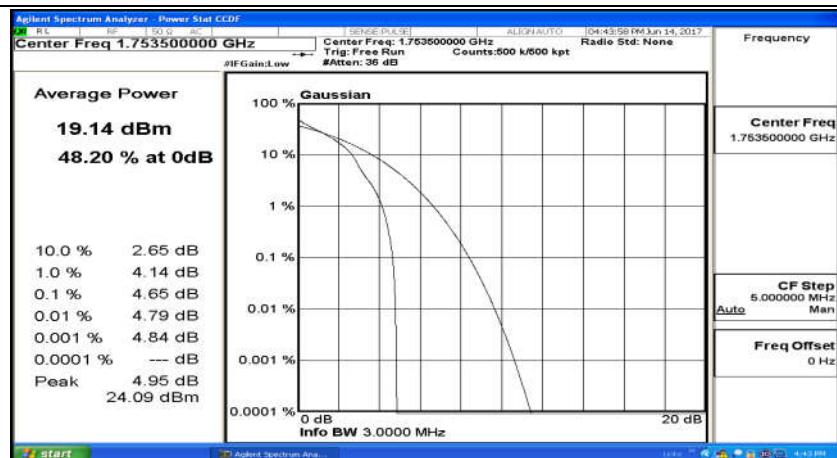
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



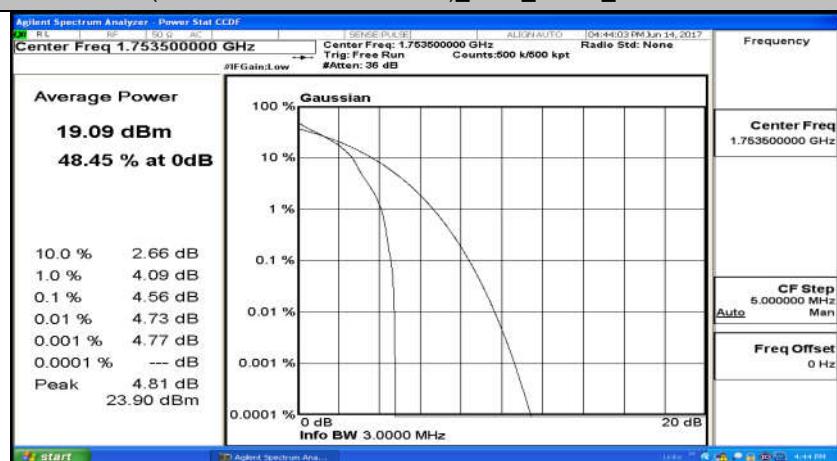
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



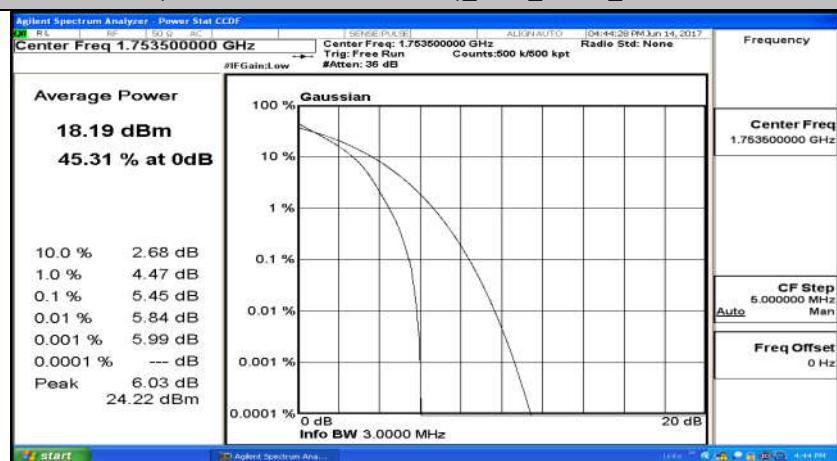
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



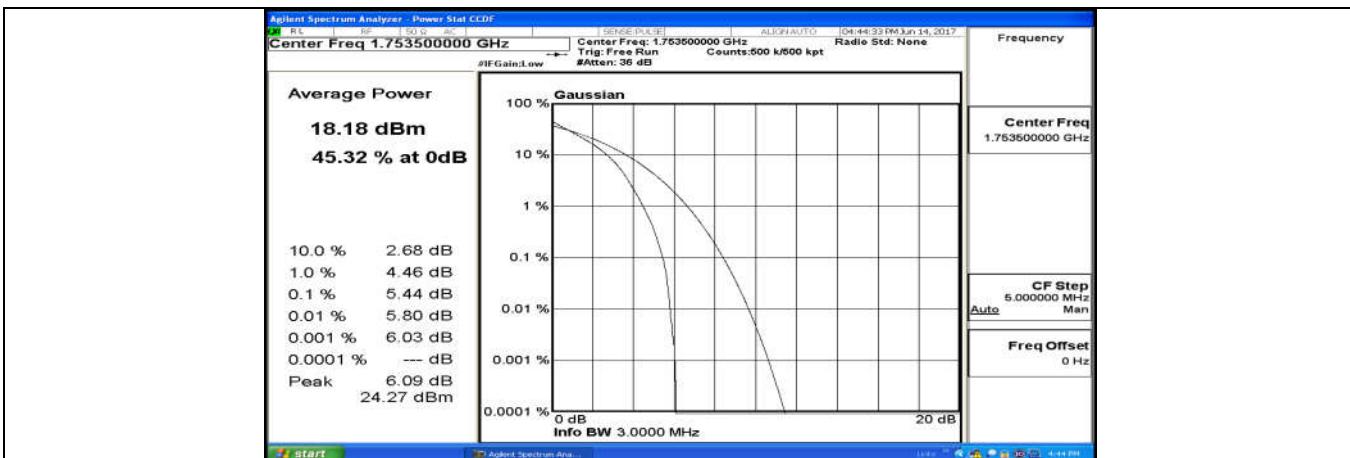
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



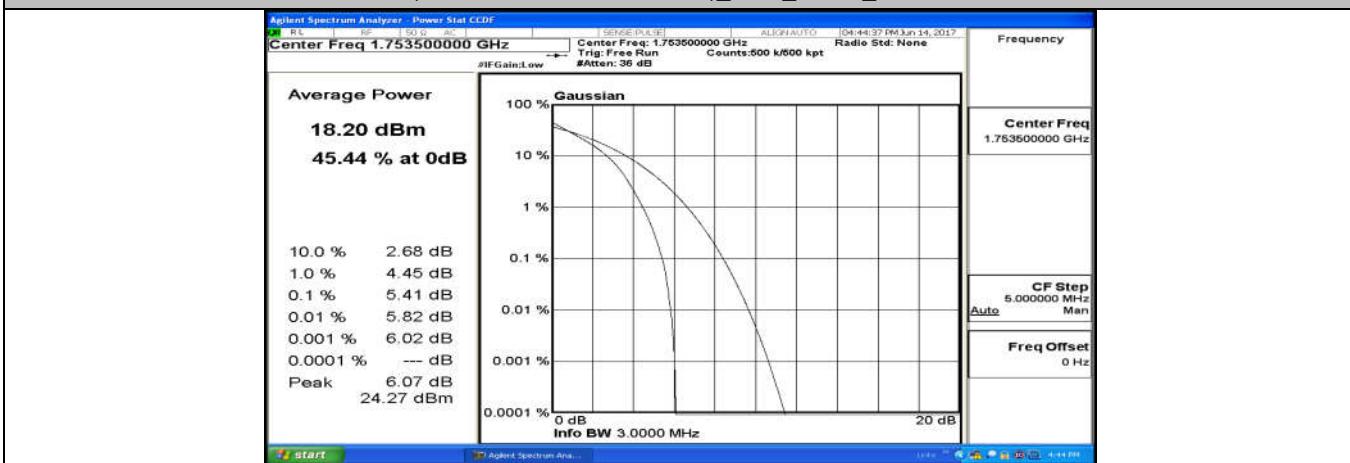
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



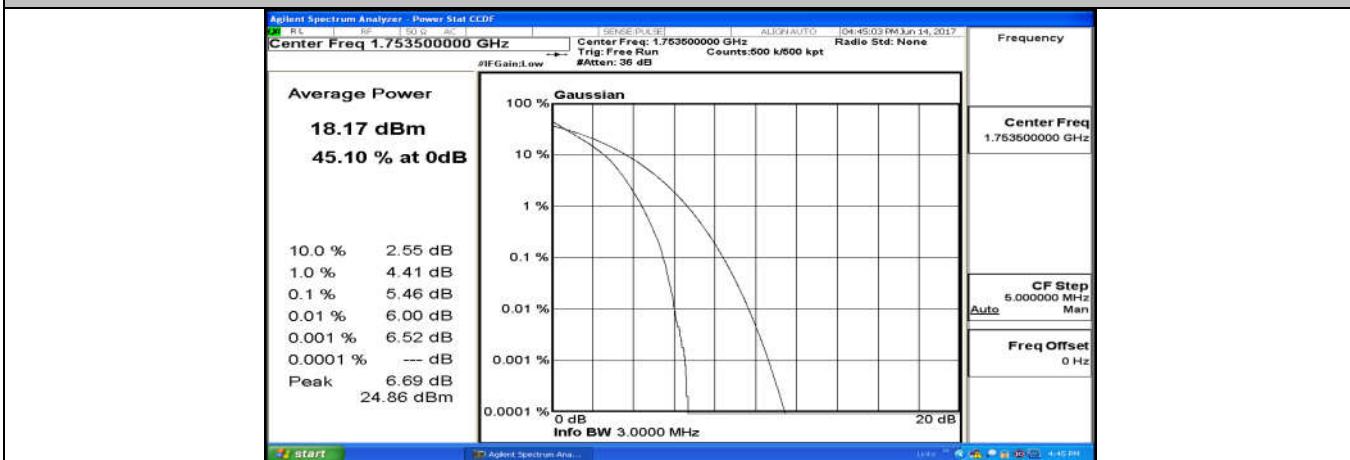
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4



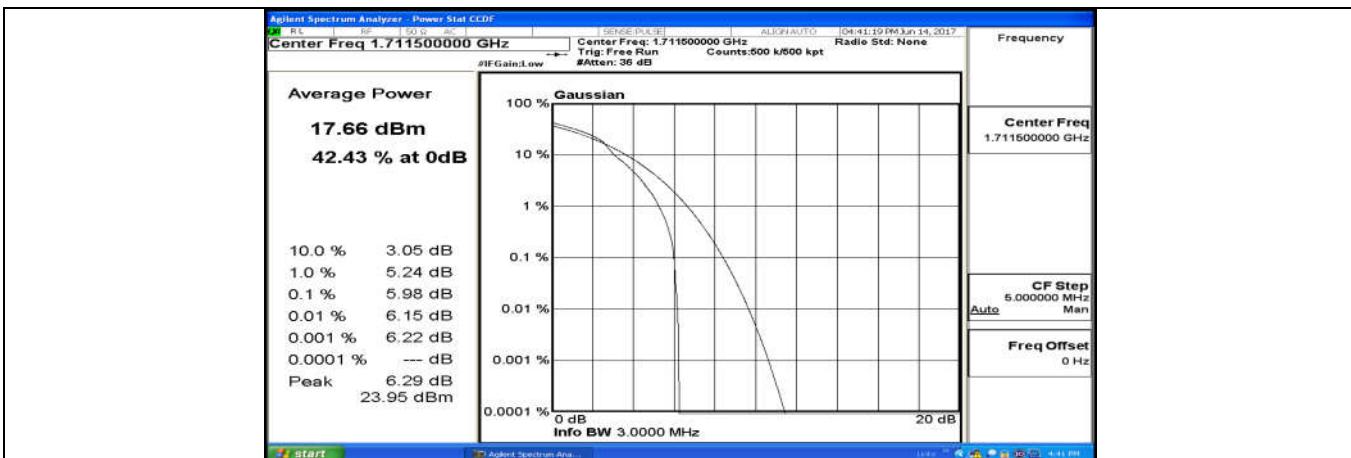
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7



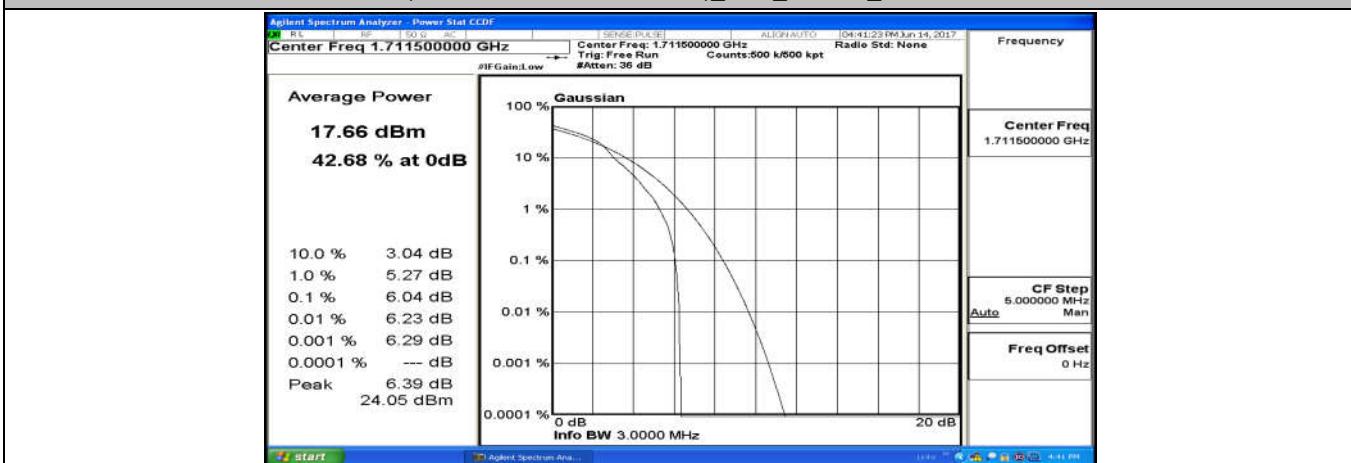
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



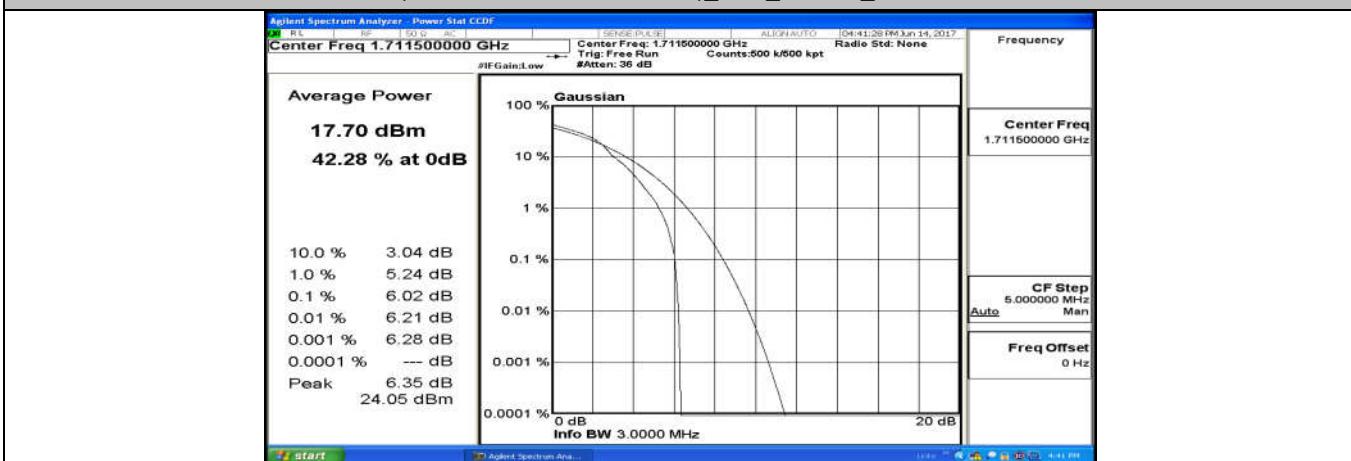
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



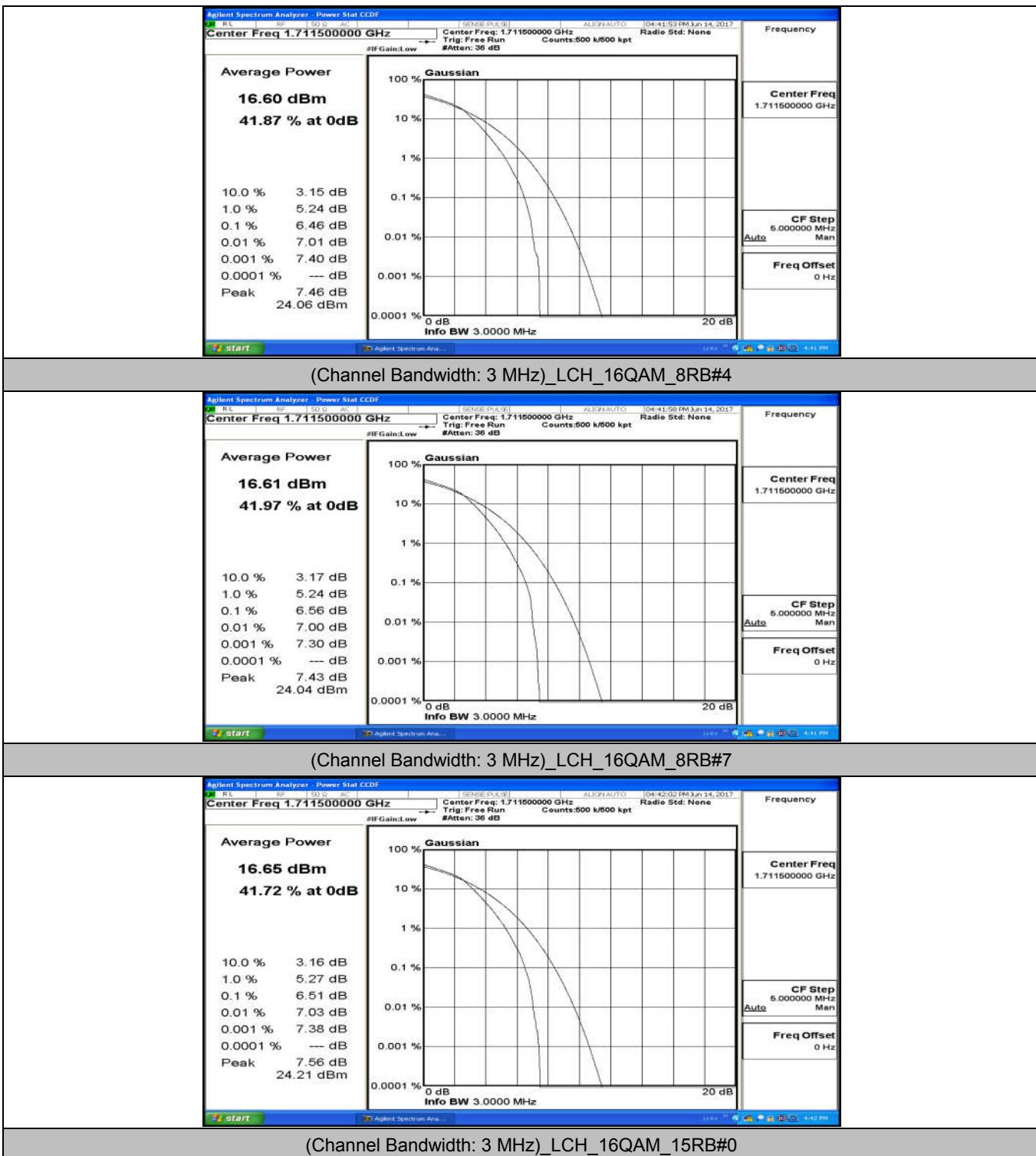
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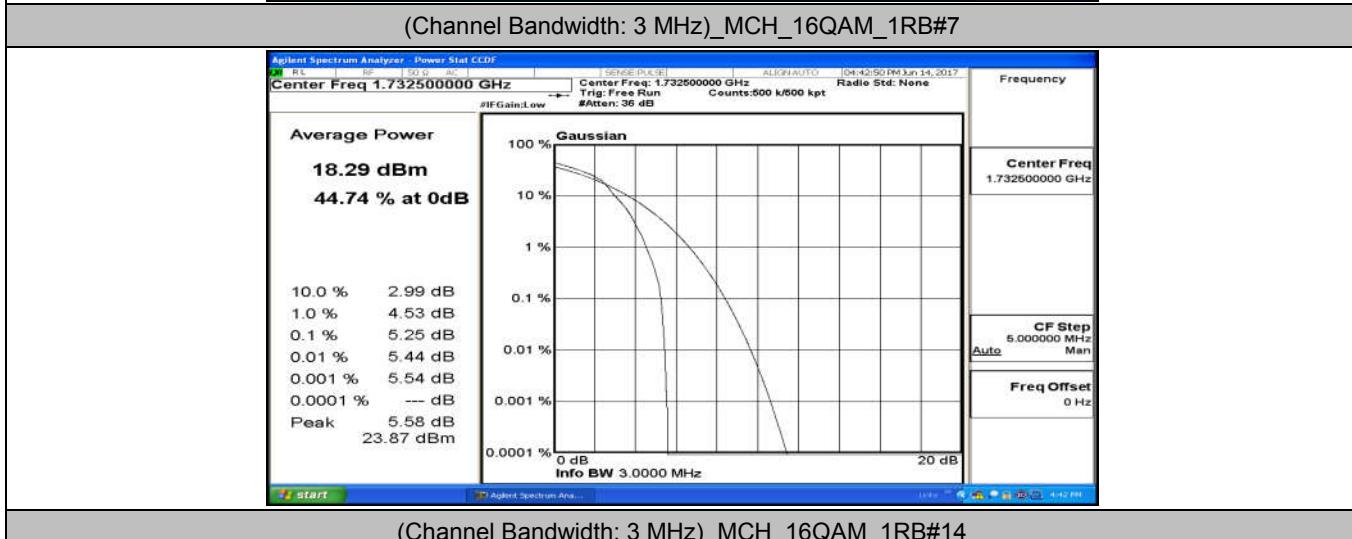
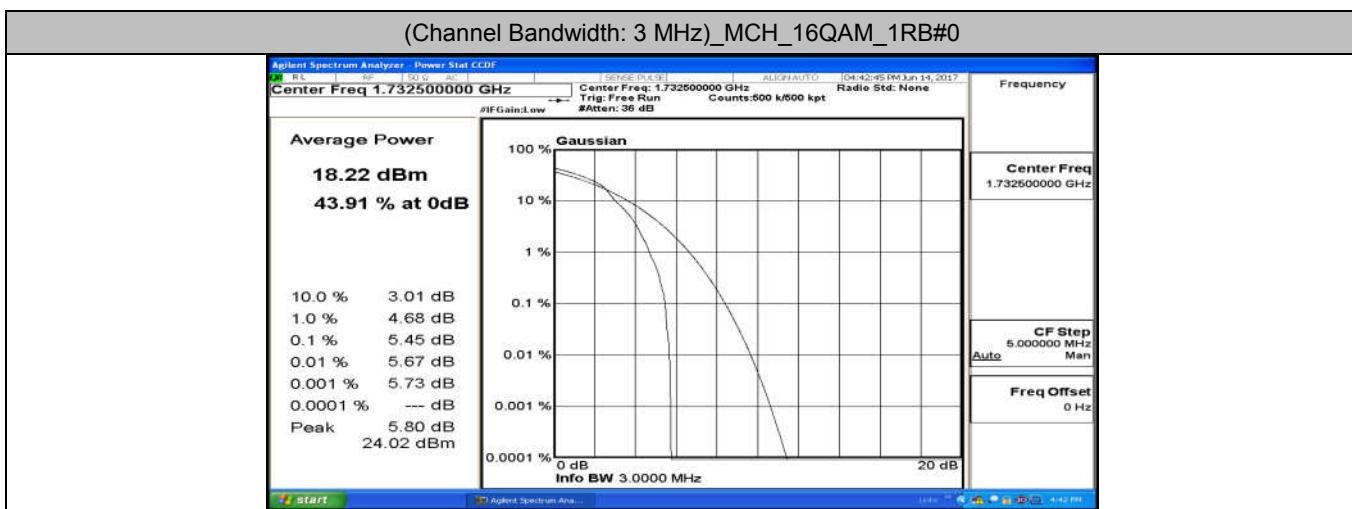
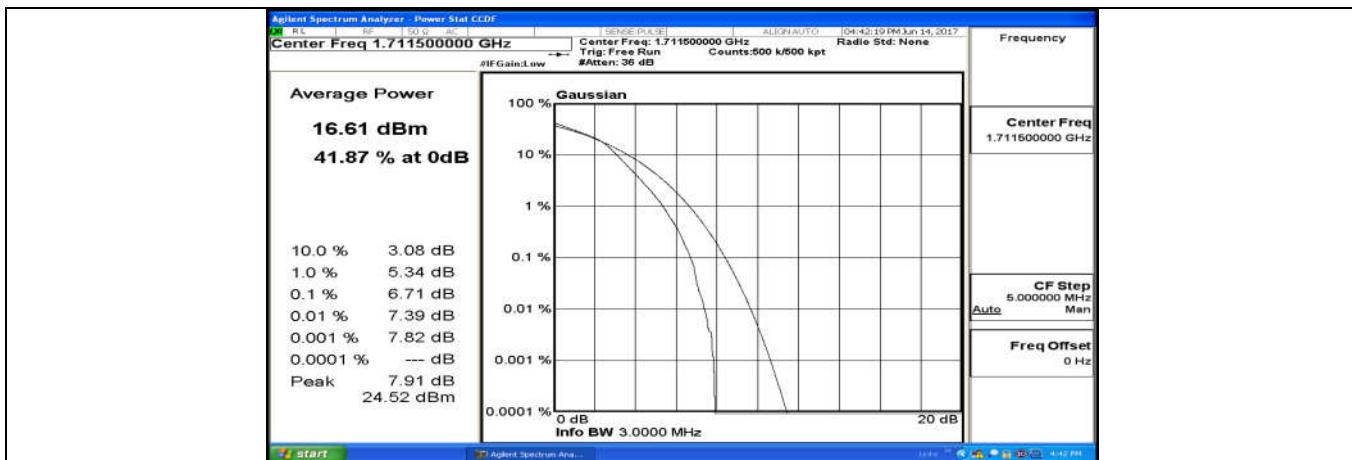


(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14

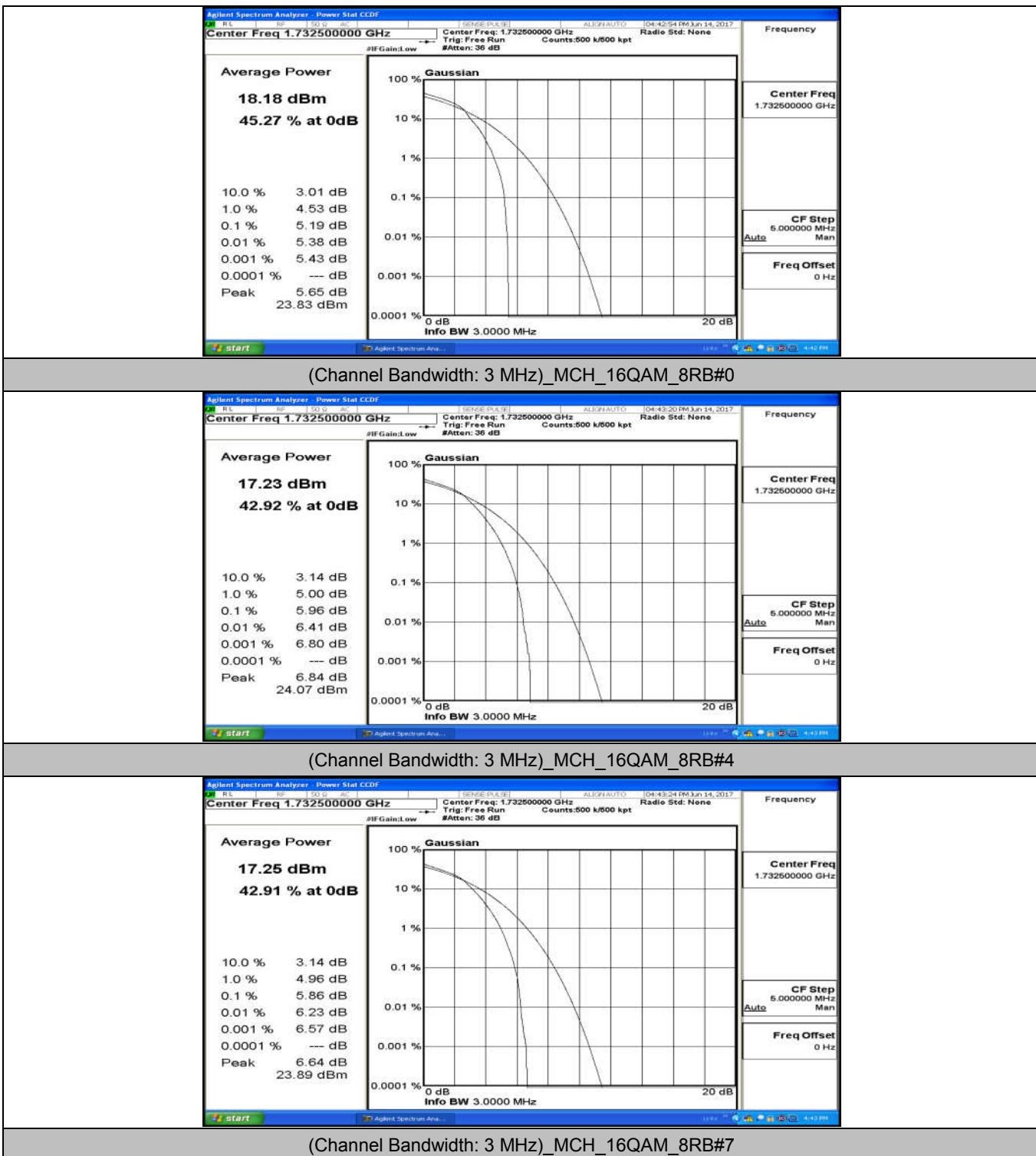


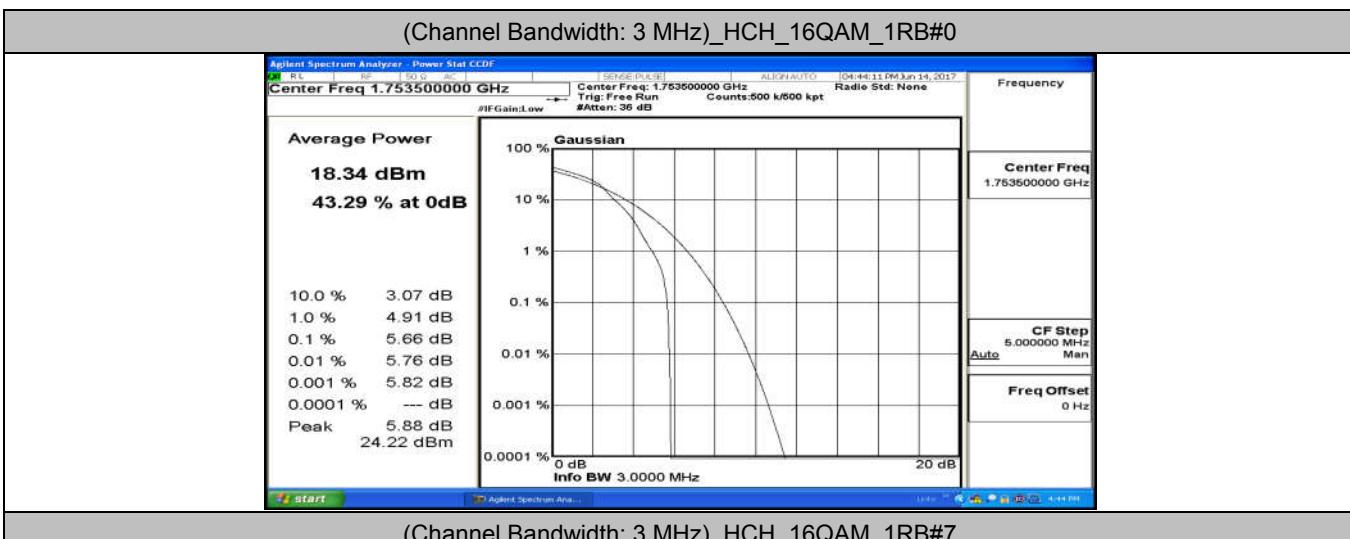
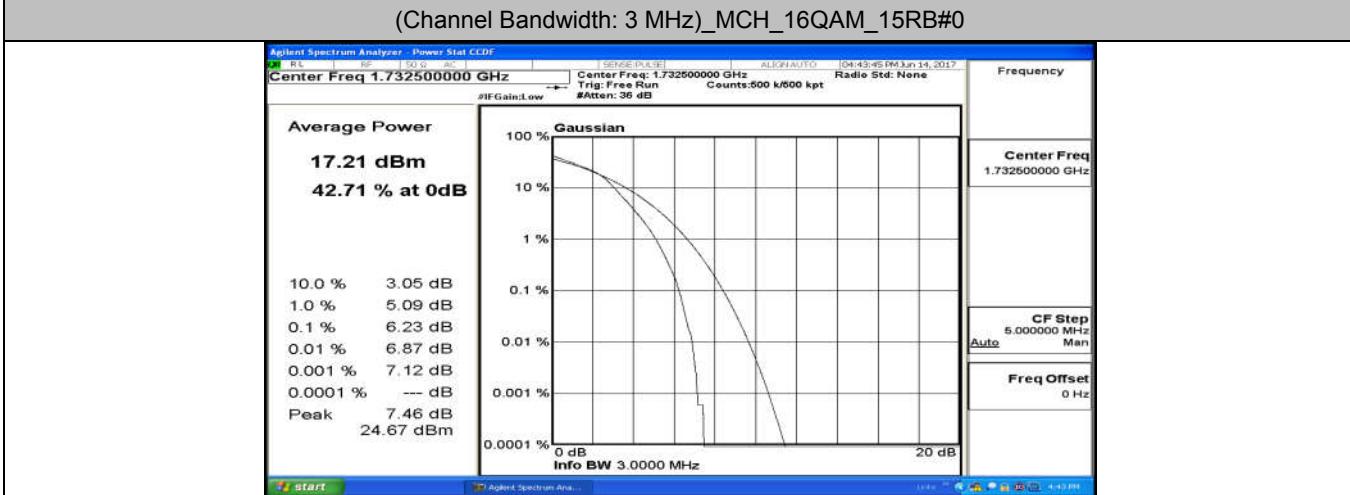
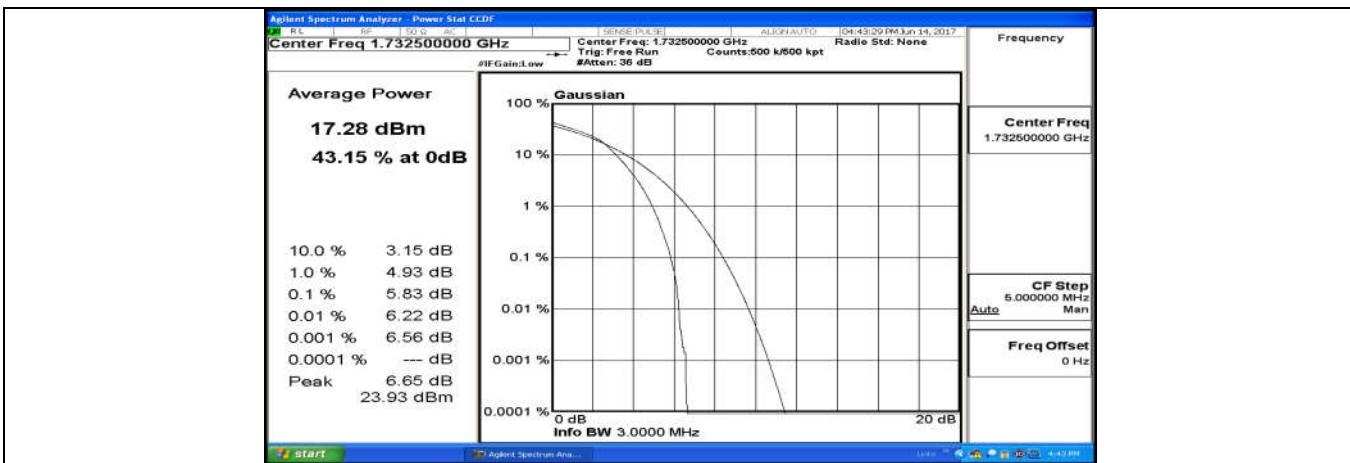
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0

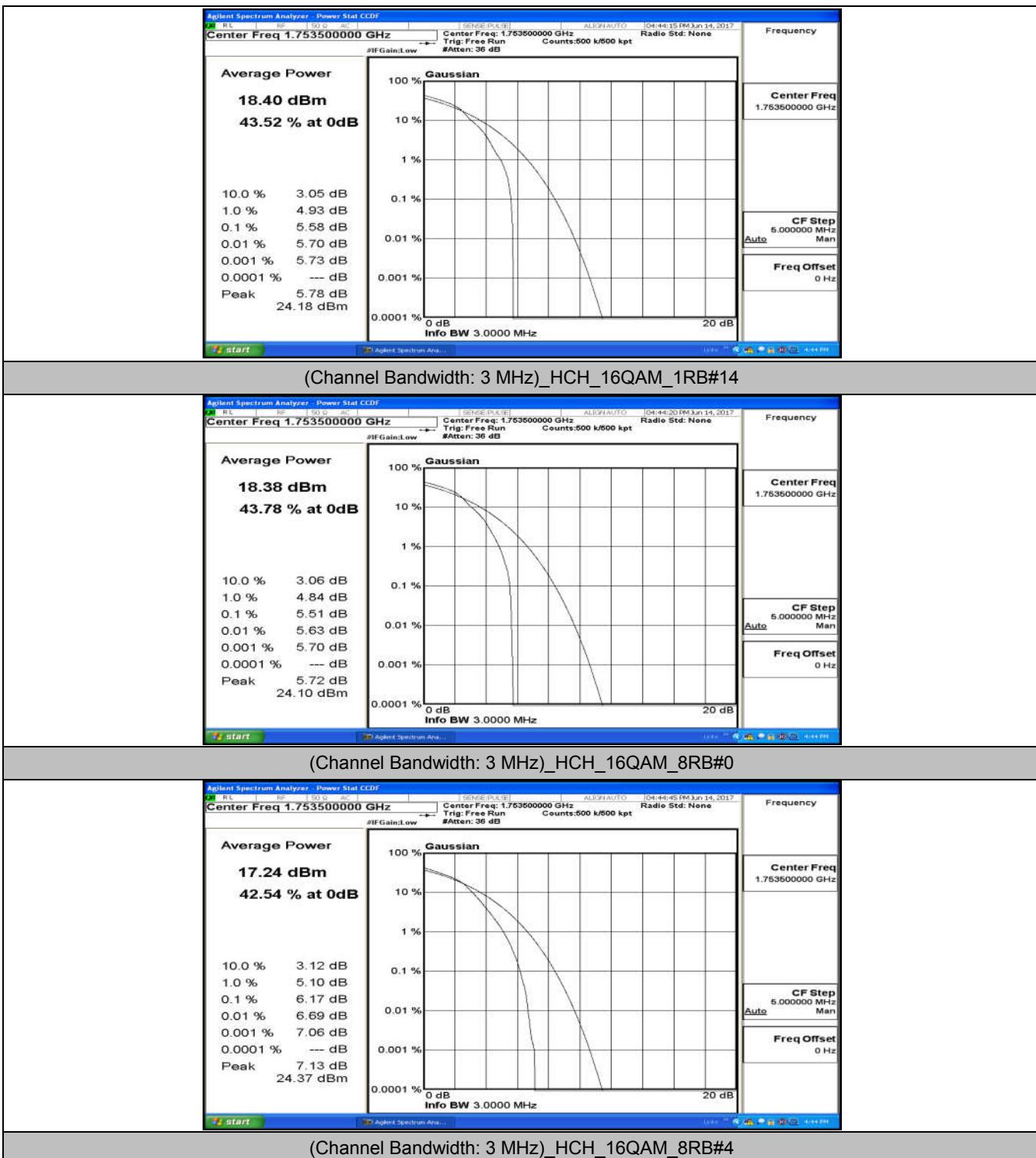


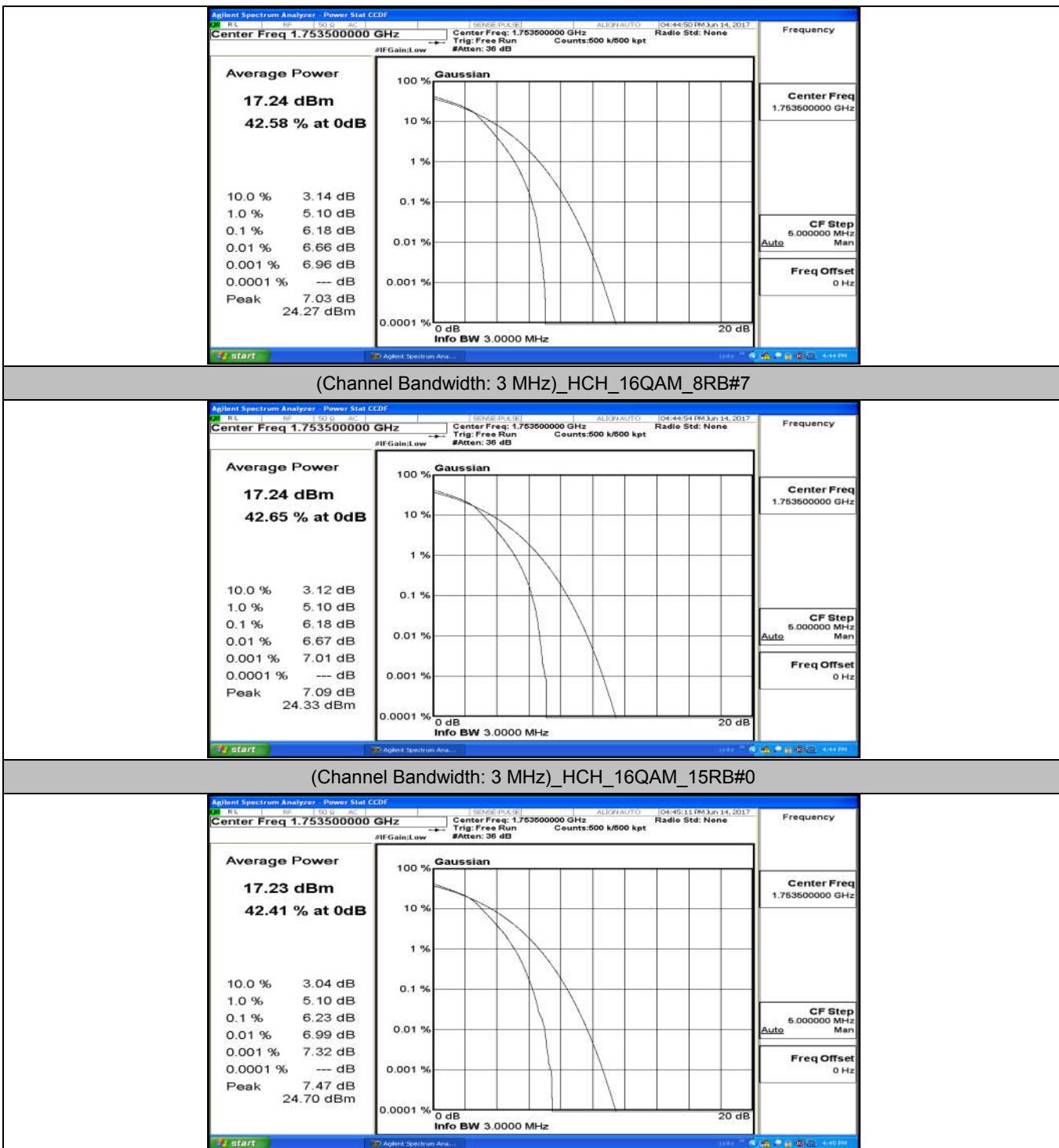


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



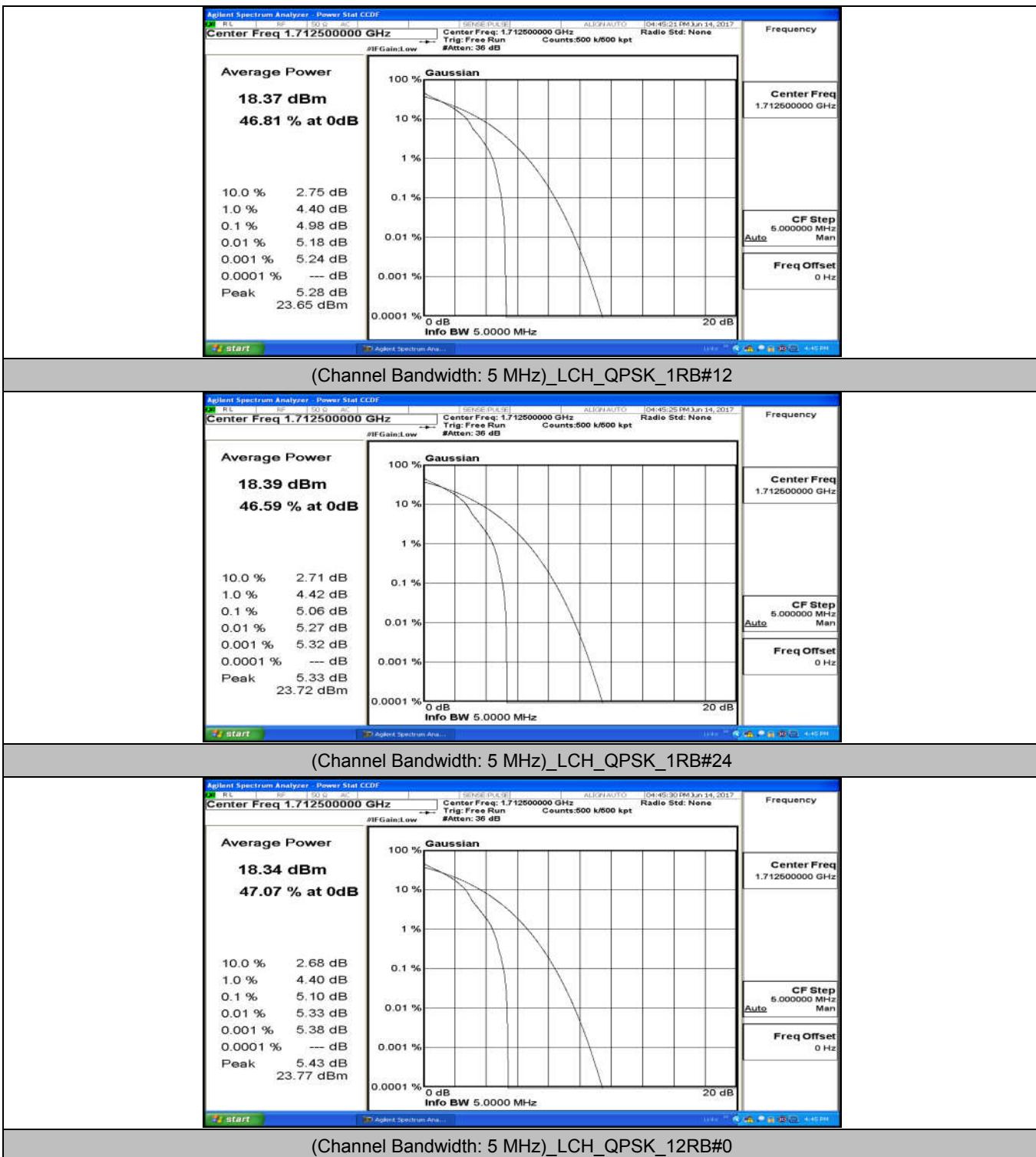


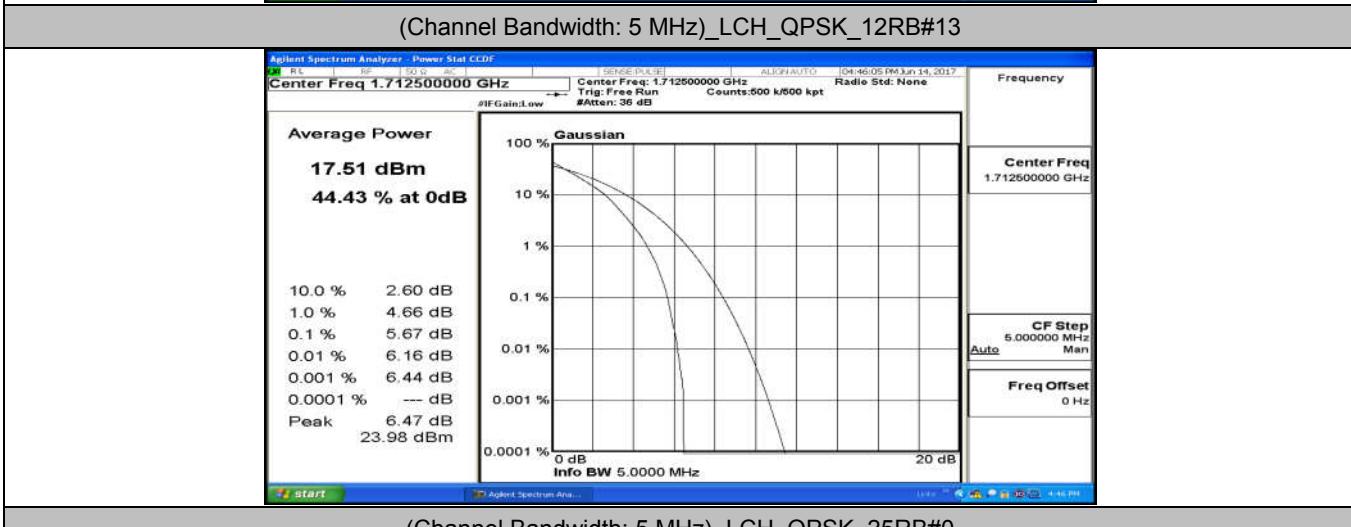
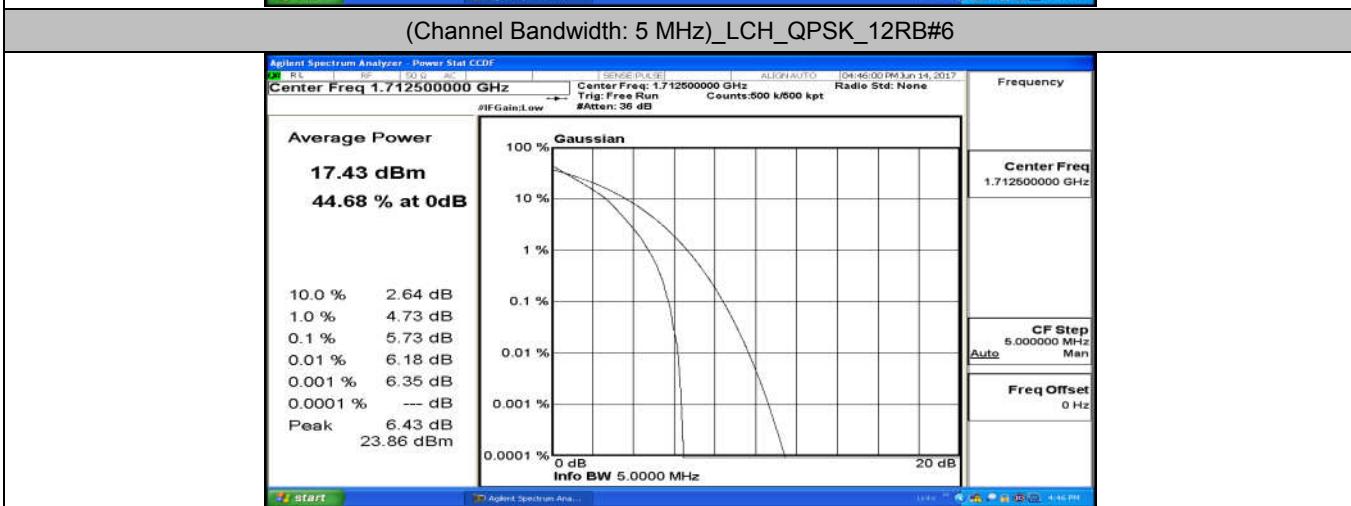
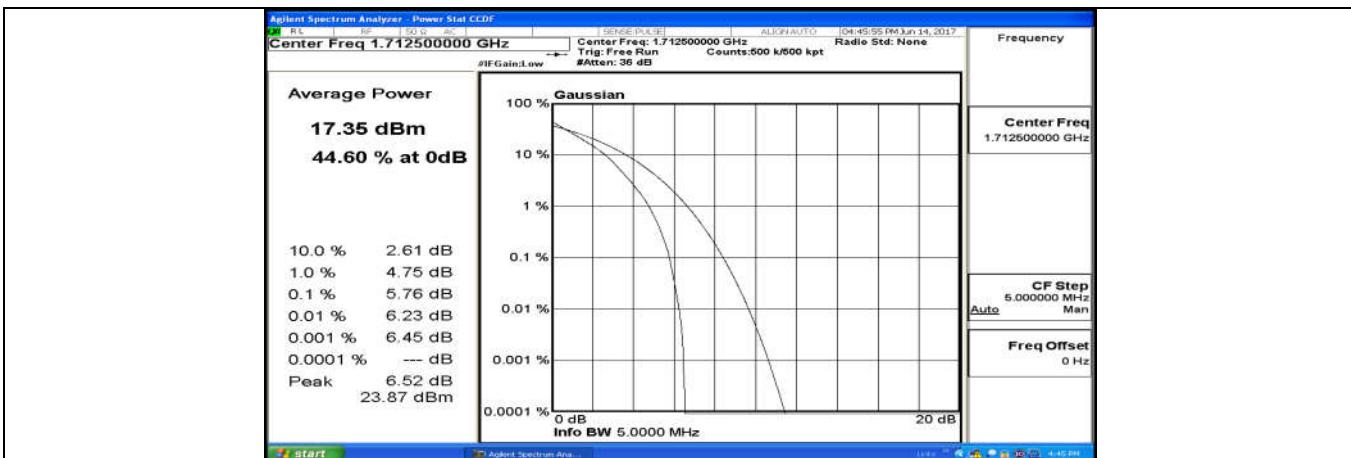


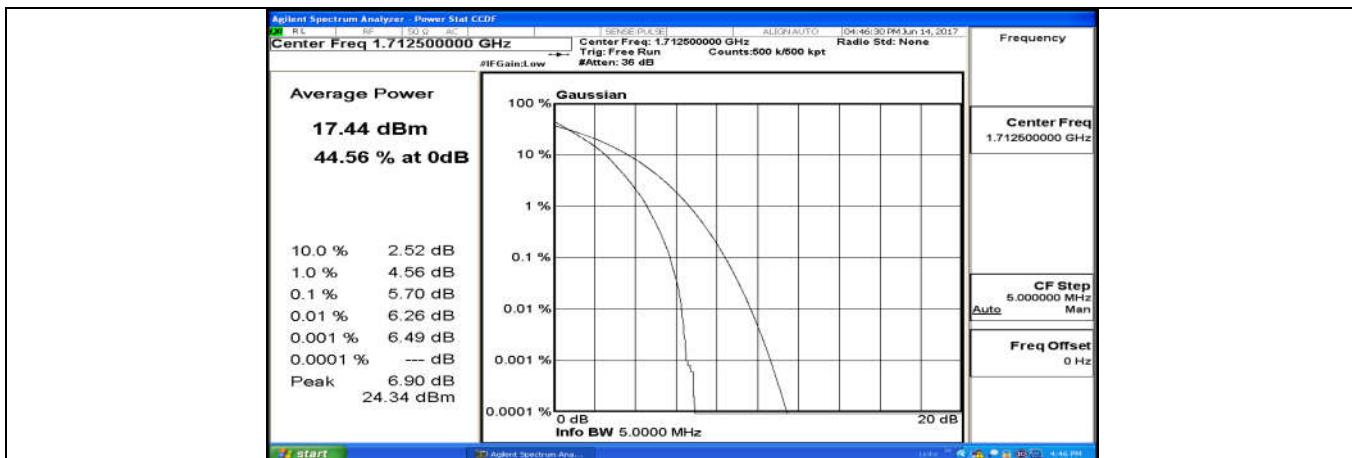


Channel Bandwidth: 5 MHz

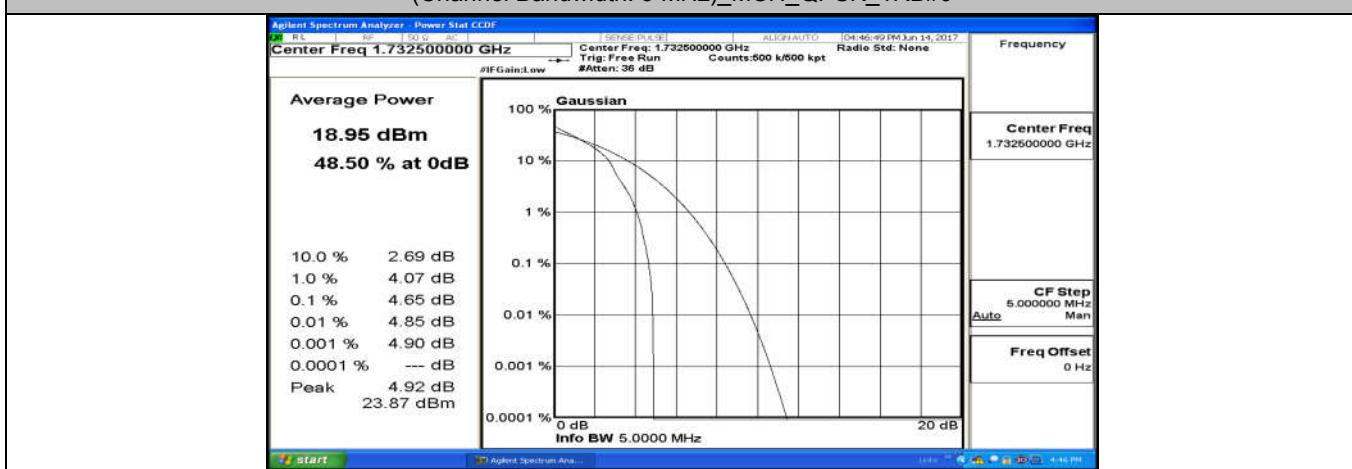
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



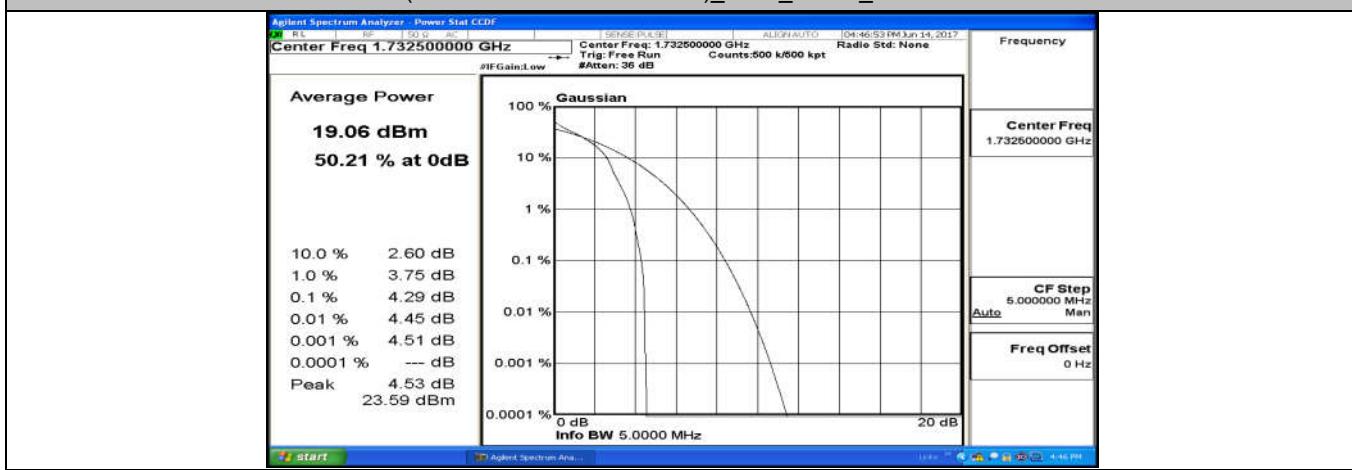
**(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0**



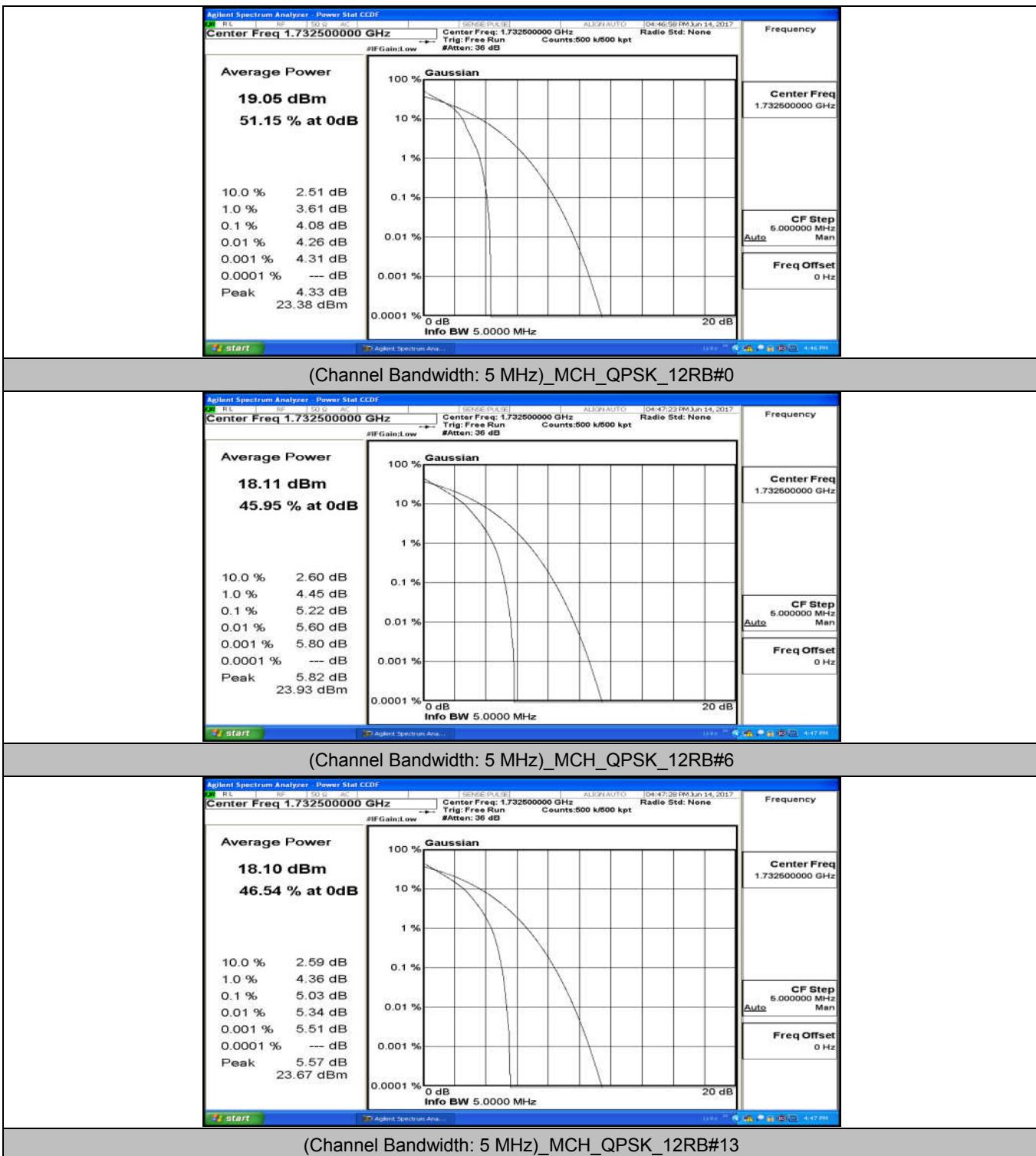
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

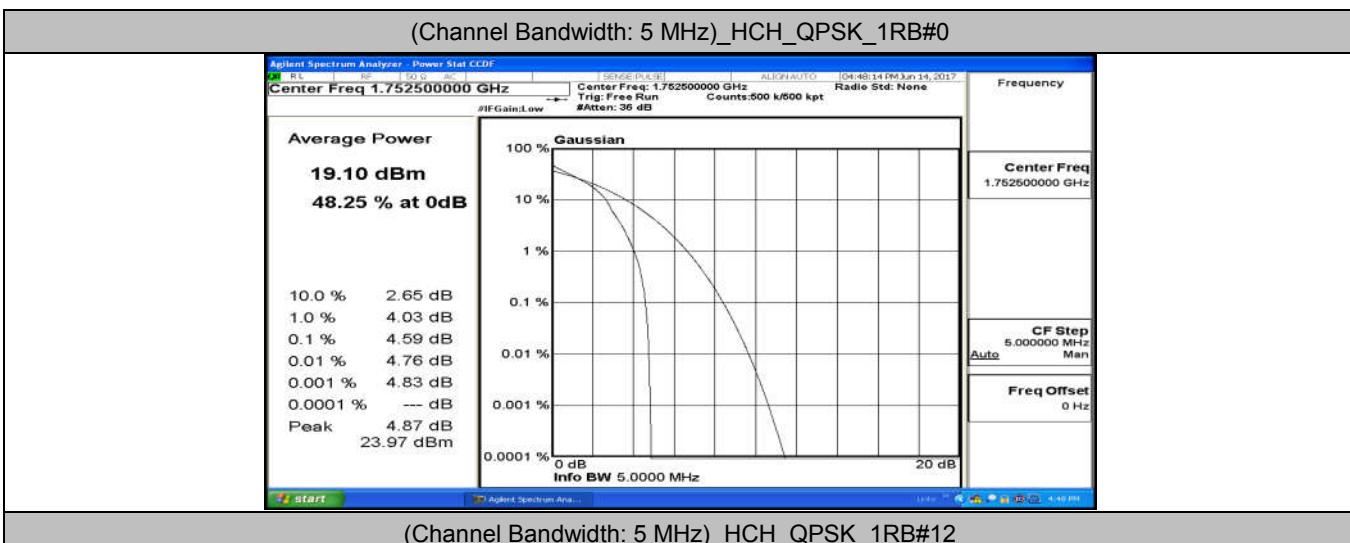
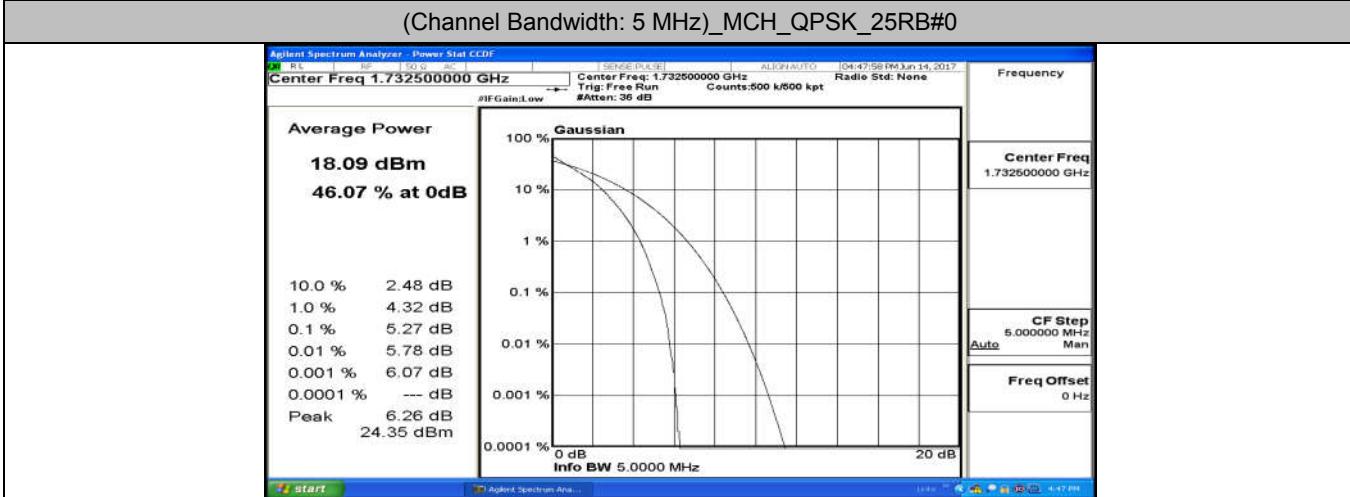
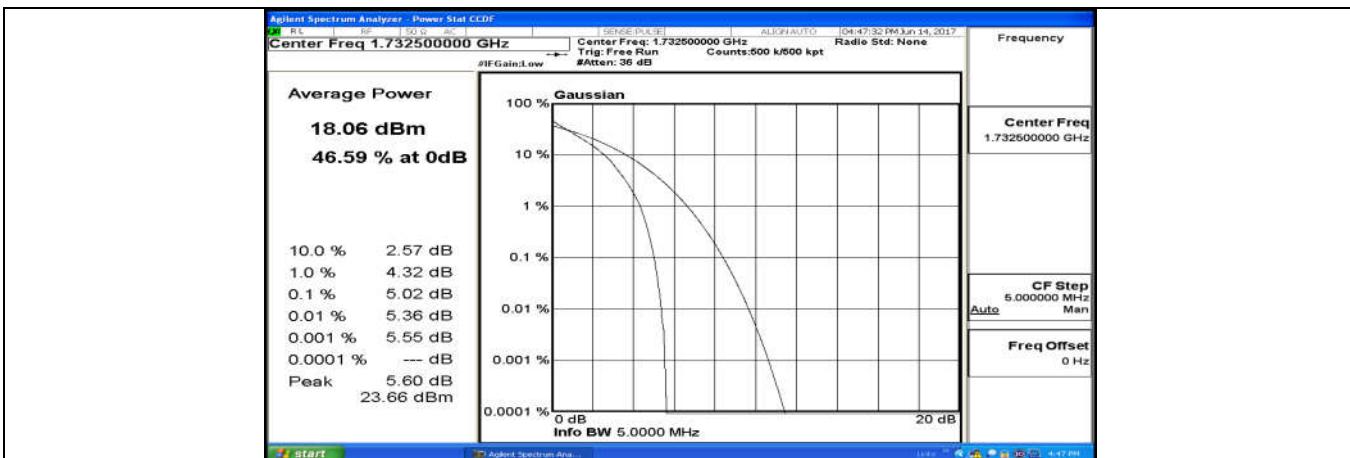


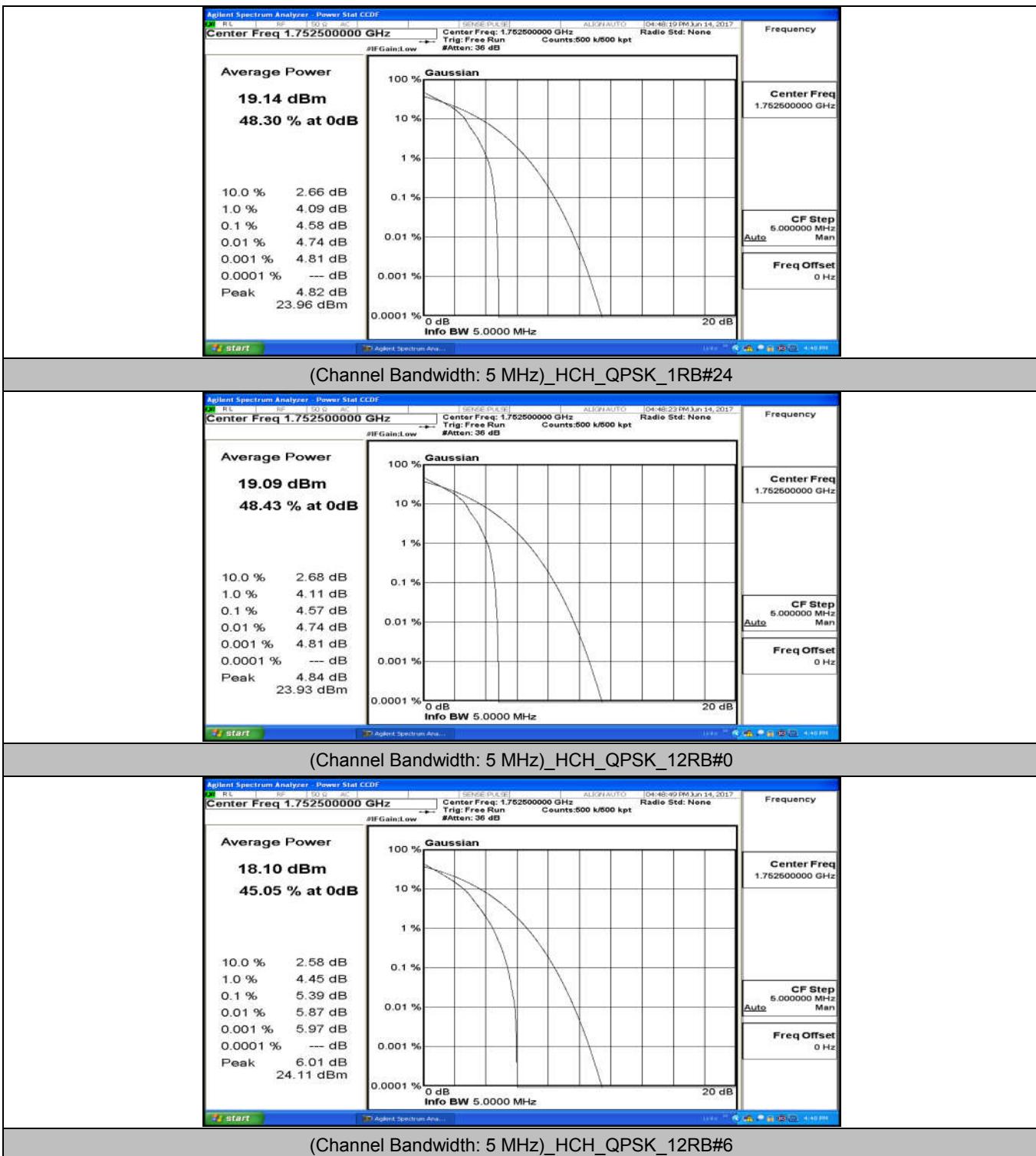
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

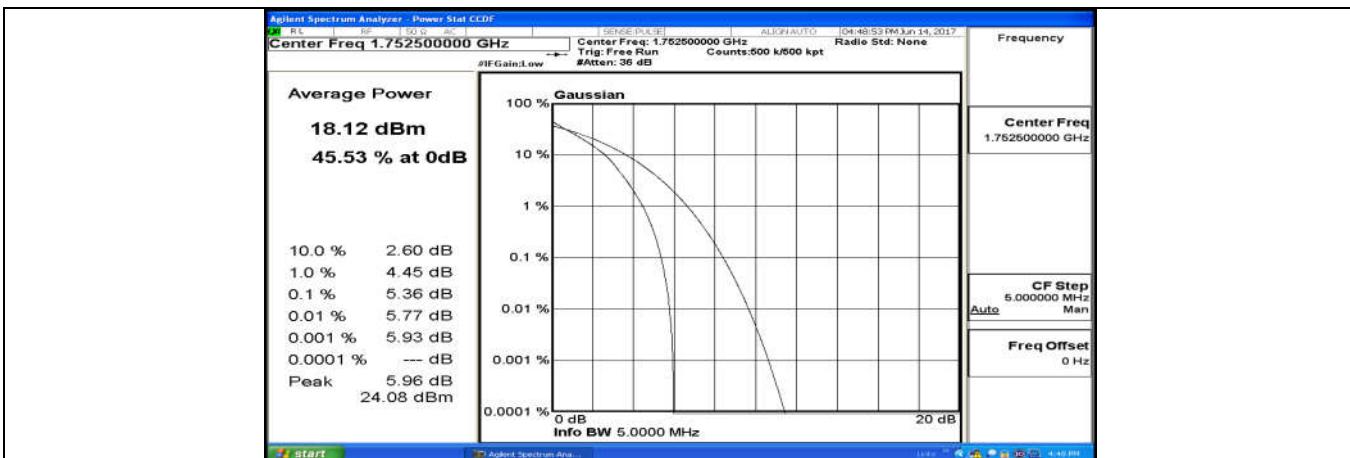


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

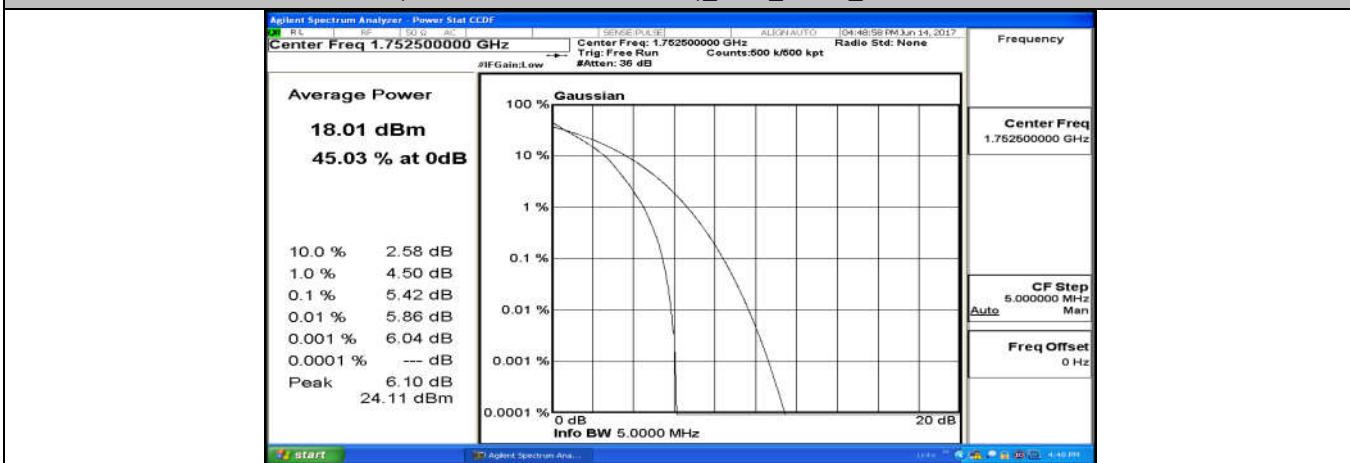




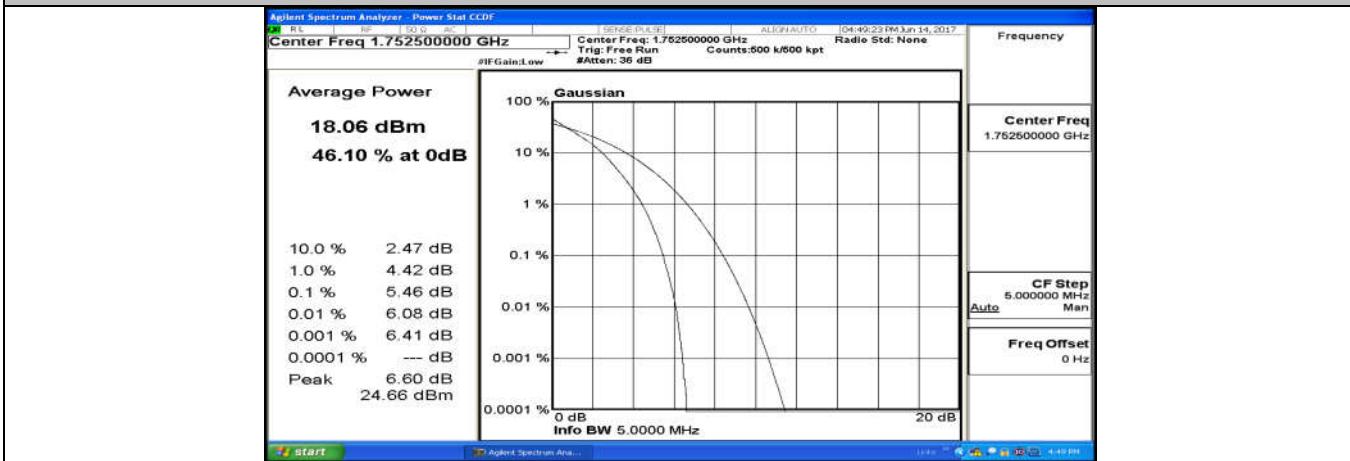




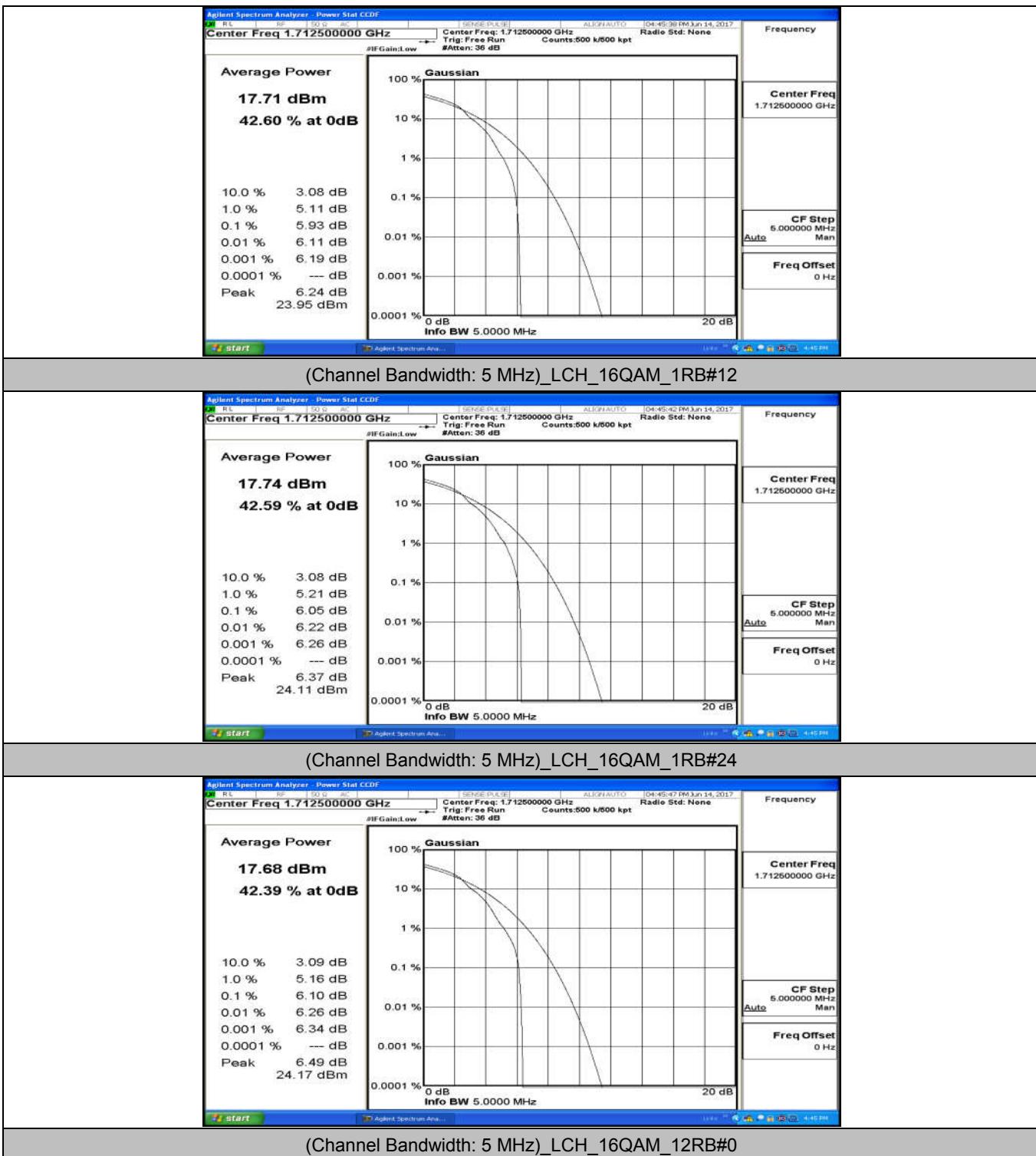
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13

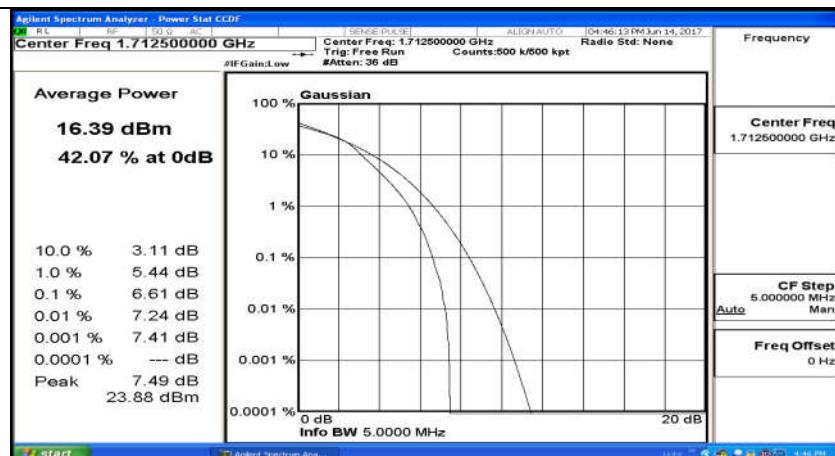


(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

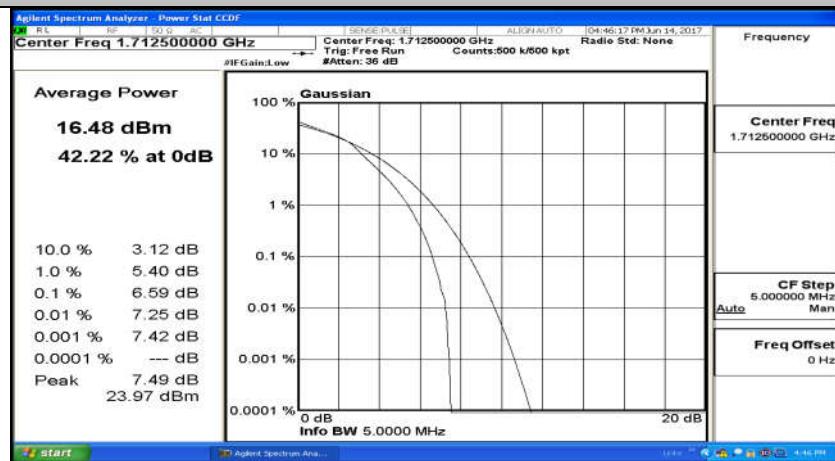


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

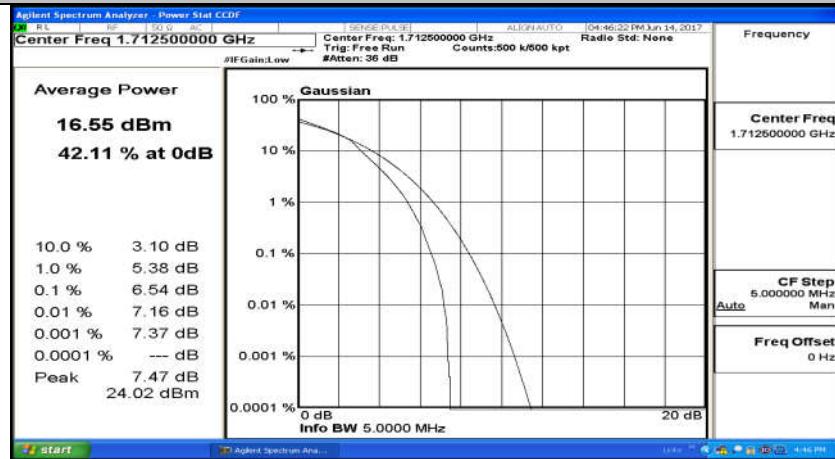




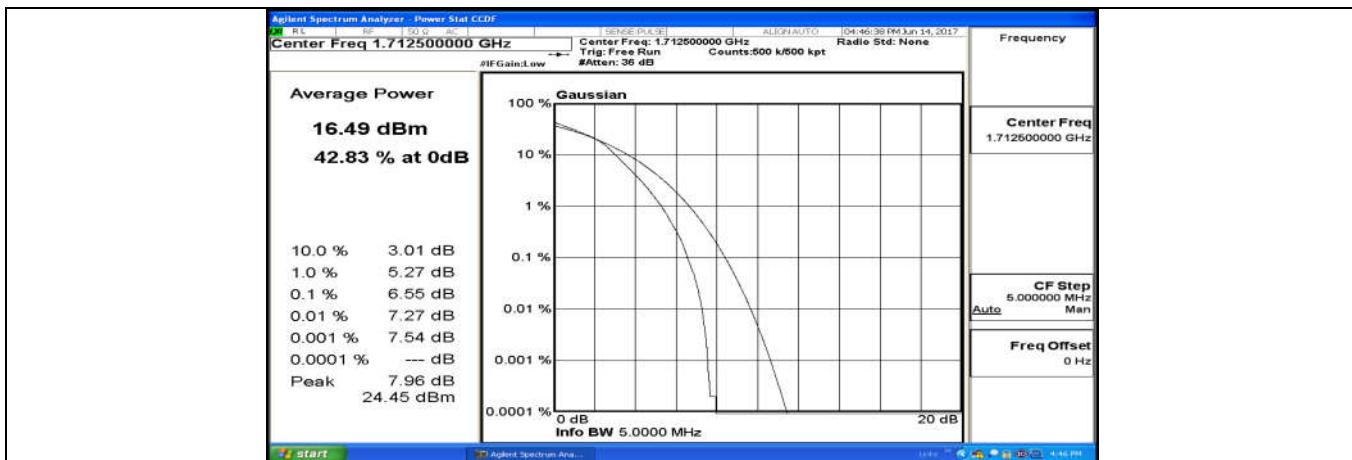
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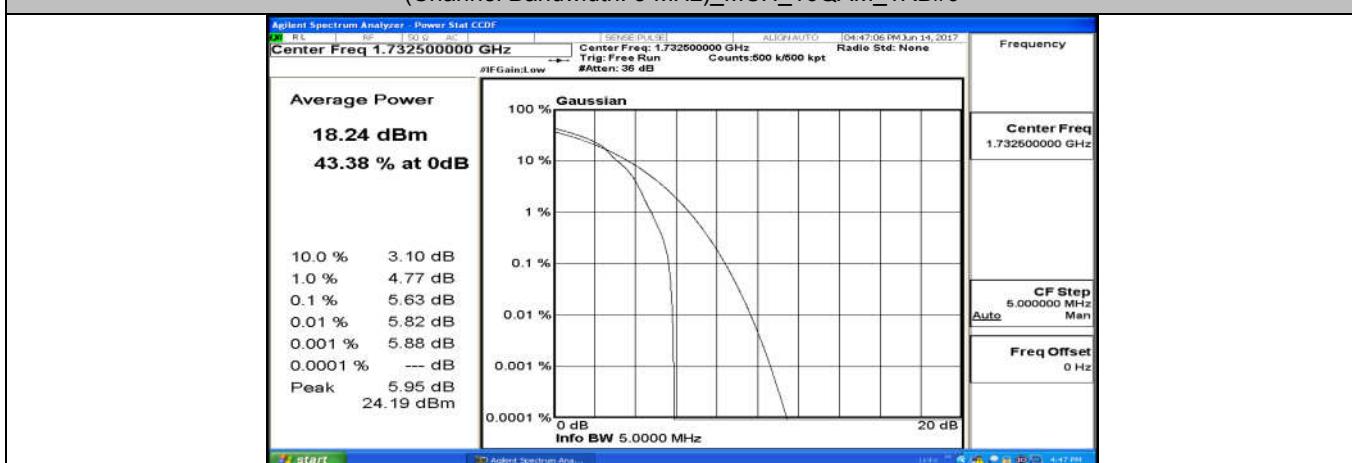
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



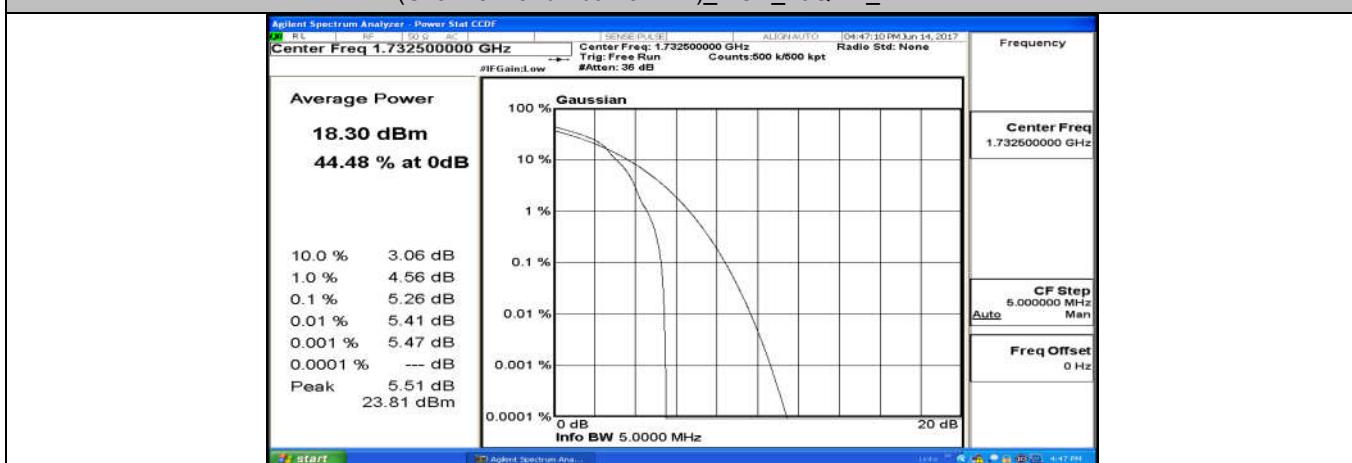
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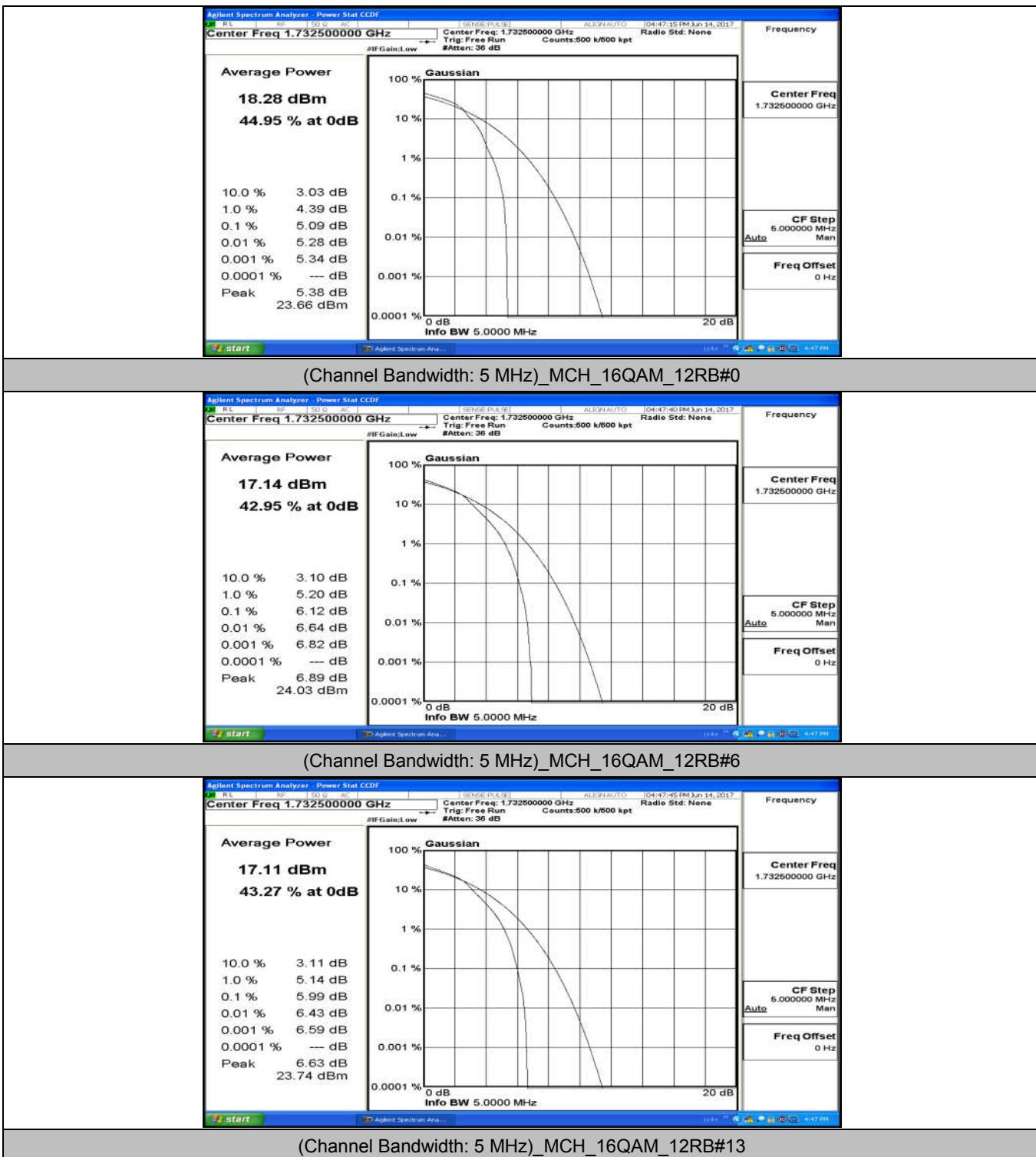
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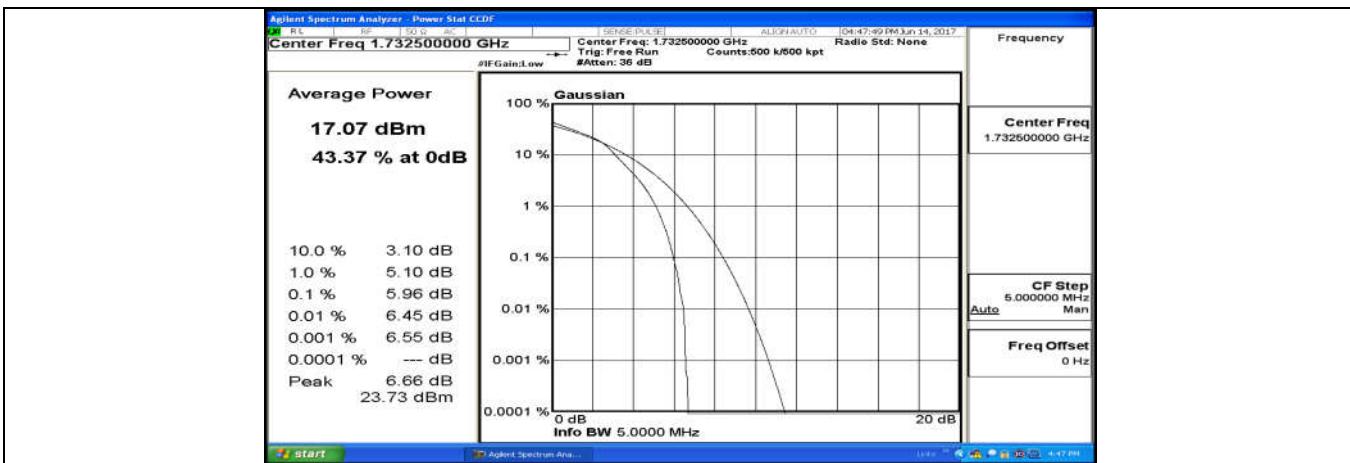


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

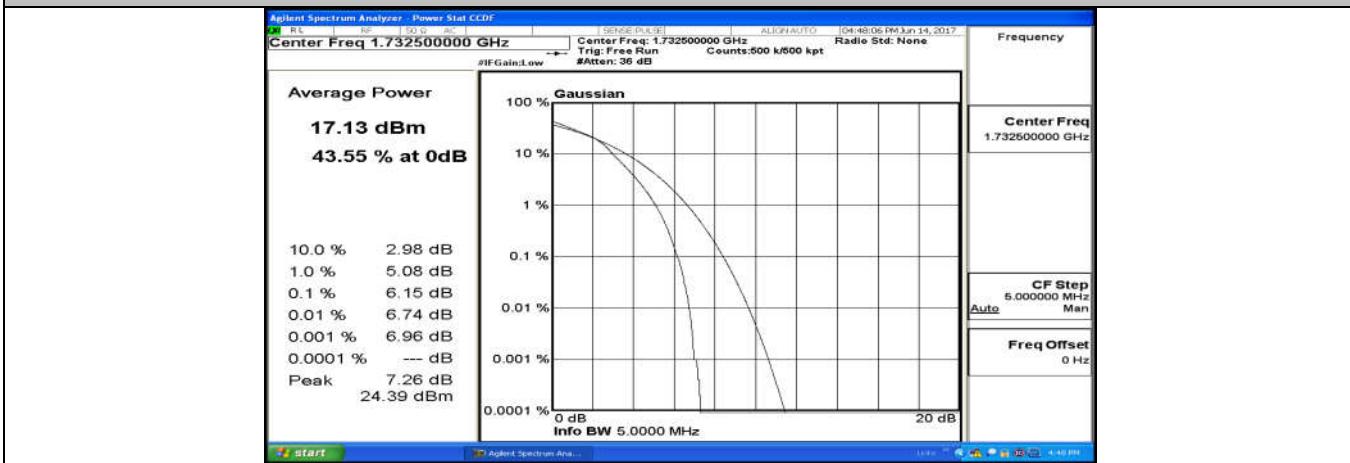


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

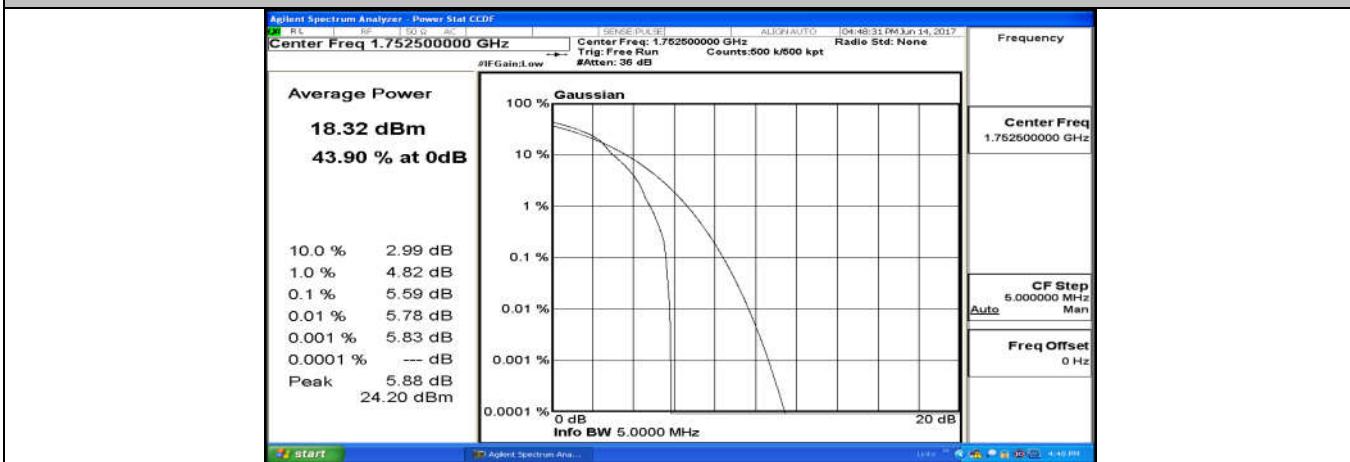




(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

