Appendix A: RF Output Power Data

Test Result

Band 2:

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.2	<13	PASS
		1	3	4.01	<13	PASS
		1	5	4.16	<13	PASS
		3	0	4.2	<13	PASS
		3	2	4.1	<13	PASS
		3	3	4.17	<13	PASS
		6	0	4.84	<13	PASS
	MCH	1	0	4.08	<13	PASS
		1	3	3.9	<13	PASS
		1	5	4.11	<13	PASS
		3	0	4.08	<13	PASS
		3	2	3.99	<13	PASS
		3	3	4.11	<13	PASS
		6	0	4.71	<13	PASS
	HCH	1	0	3.92	<13	PASS
		1	3	3.59	<13	PASS
		1	5	3.83	<13	PASS
		3	0	3.9	<13	PASS
		3	2	3.7	<13	PASS
		3	3	3.87	<13	PASS
		6	0	4.73	<13	PASS
16QAM	LCH	1	0	4.9	<13	PASS
		1	3	4.76	<13	PASS
		1	5	4.95	<13	PASS
		3	0	5.02	<13	PASS
		3	2	4.83	<13	PASS
		3	3	4.97	<13	PASS
		6	0	5.78	<13	PASS
	MCH	1	0	4.81	<13	PASS
		1	3	4.72	<13	PASS
		1	5	4.99	<13	PASS
		3	0	4.93	<13	PASS
		3	2	4.86	<13	PASS
		3	3	5.04	<13	PASS

		6	0	5.59	<13	PASS
	HCH	1	0	4.49	<13	PASS
		1	3	4.08	<13	PASS
		1	5	4.3	<13	PASS
		3	0	4.91	<13	PASS
		3	2	4.88	<13	PASS
		3	3	4.97	<13	PASS
		6	0	5.65	<13	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict
		Size	Offset	[dB]	[dB]	
QPSK	LCH	1	0	4.16	<13	PASS
		1	7	4.01	<13	PASS
		1	14	4.19	<13	PASS
		8	0	4.61	<13	PASS
		8	4	4.52	<13	PASS
		8	7	4.64	<13	PASS
		15	0	4.95	<13	PASS
	MCH	1	0	3.89	<13	PASS
		1	7	3.82	<13	PASS
		1	14	3.97	<13	PASS
		8	0	4.45	<13	PASS
		8	4	4.34	<13	PASS
		8	7	4.51	<13	PASS
		15	0	4.92	<13	PASS
	HCH	1	0	3.74	<13	PASS
		1	7	3.51	<13	PASS
		1	14	3.66	<13	PASS
		8	0	4.31	<13	PASS
		8	4	4.33	<13	PASS
		8	7	4.49	<13	PASS
		15	0	4.78	<13	PASS
16QAM	LCH	1	0	4.88	<13	PASS
		1	7	4.65	<13	PASS
		1	14	4.43	<13	PASS
		8	0	5.43	<13	PASS
		8	4	5.37	<13	PASS
		8	7	5.45	<13	PASS
		15	0	5.85	<13	PASS

	MCH	1	0	4.65	<13	PASS
		1	7	4.59	<13	PASS
		1	14	4.83	<13	PASS
		8	0	5.34	<13	PASS
		8	4	5.29	<13	PASS
		8	7	5.4	<13	PASS
		15	0	5.68	<13	PASS
	HCH	1	0	4.49	<13	PASS
		1	7	4.6	<13	PASS
		1	14	4.57	<13	PASS
		8	0	5.24	<13	PASS
		8	4	5.22	<13	PASS
		8	7	5.4	<13	PASS
		15	0	5.59	<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	3.96	<13	PASS
		1	24	4.06	<13	PASS
		12	0	4.53	<13	PASS
		12	6	4.44	<13	PASS
		12	13	4.53	<13	PASS
		25	0	4.91	<13	PASS
	MCH	1	0	3.76	<13	PASS
		1	12	3.84	<13	PASS
		1	24	4.03	<13	PASS
		12	0	4.31	<13	PASS
		12	6	4.28	<13	PASS
		12	13	4.41	<13	PASS
		25	0	4.84	<13	PASS
	HCH	1	0	3.48	<13	PASS
		1	12	3.61	<13	PASS
		1	24	3.77	<13	PASS
		12	0	4.11	<13	PASS
		12	6	4.12	<13	PASS
		12	13	4.37	<13	PASS
		25	0	4.73	<13	PASS
16QAM	LCH	1	0	4.87	<13	PASS

		1	12	4.79	<13	PASS
		1	24	4.81	<13	PASS
		12	0	5.41	<13	PASS
		12	6	5.36	<13	PASS
		12	13	5.42	<13	PASS
		25	0	5.73	<13	PASS
	MCH	1	0	4.62	<13	PASS
		1	12	4.72	<13	PASS
		1	24	4.85	<13	PASS
		12	0	5.22	<13	PASS
		12	6	5.19	<13	PASS
		12	13	5.32	<13	PASS
		25	0	5.63	<13	PASS
	HCH	1	0	4.5	<13	PASS
		1	12	4.55	<13	PASS
		1	24	4.69	<13	PASS
		12	0	5.02	<13	PASS
		12	6	5.12	<13	PASS
		12	13	5.28	<13	PASS
		25	0	5.49	<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	4.03	<13	PASS
		1	24	4.04	<13	PASS
		1	49	3.92	<13	PASS
		25	0	4.56	<13	PASS
		25	12	4.39	<13	PASS
		25	25	4.49	<13	PASS
		50	0	5.03	<13	PASS
	MCH	1	0	3.55	<13	PASS
		1	24	3.8	<13	PASS
		1	49	4.12	<13	PASS
		25	0	4.31	<13	PASS
		25	12	4.26	<13	PASS
		25	25	4.59	<13	PASS
		50	0	4.98	<13	PASS
	HCH	1	0	3.42	<13	PASS
		1	24	3.38	<13	PASS

		1	49	3.7	<13	PASS
		25	0	4.08	<13	PASS
		25	12	3.95	<13	PASS
		25	25	4.41	<13	PASS
		50	0	4.92	<13	PASS
16QAM	LCH	1	0	4.73	<13	PASS
		1	24	4.96	<13	PASS
		1	49	4.85	<13	PASS
		25	0	5.46	<13	PASS
		25	12	5.33	<13	PASS
		25	25	5.42	<13	PASS
		50	0	5.73	<13	PASS
	MCH	1	0	4.53	<13	PASS
		1	24	4.77	<13	PASS
		1	49	4.98	<13	PASS
		25	0	5.27	<13	PASS
		25	12	5.22	<13	PASS
		25	25	5.49	<13	PASS
		50	0	5.73	<13	PASS
	HCH	1	0	4.19	<13	PASS
		1	24	4.15	<13	PASS
		1	49	3.92	<13	PASS
		25	0	5.01	<13	PASS
		25	12	4.83	<13	PASS
		25	25	5.3	<13	PASS
		50	0	5.63	<13	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict
		Size	Offset	[dB]	[dB]	
QPSK	LCH	1	0	5.01	<13	PASS
		1	37	3.98	<13	PASS
		1	74	4.91	<13	PASS
		37	0	4.48	<13	PASS
		37	18	4.64	<13	PASS
		37	38	4.58	<13	PASS
		75	0	4.87	<13	PASS
	MCH	1	0	4.57	<13	PASS
		1	37	3.74	<13	PASS
		1	74	5.14	<13	PASS

		37	0	4.49	<13	PASS
		37	18	4.61	<13	PASS
		37	38	4.57	<13	PASS
		75	0	4.94	<13	PASS
	HCH	1	0	4.95	<13	PASS
		1	37	3.43	<13	PASS
		1	74	4.78	<13	PASS
		37	0	4.48	<13	PASS
		37	18	4.36	<13	PASS
		37	38	4.62	<13	PASS
		75	0	5.04	<13	PASS
16QAM	LCH	1	0	5.63	<13	PASS
		1	37	4.46	<13	PASS
		1	74	5.32	<13	PASS
		37	0	5.67	<13	PASS
		37	18	5.5	<13	PASS
		37	38	5.68	<13	PASS
		75	0	5.98	<13	PASS
	MCH	1	0	5.28	<13	PASS
		1	37	4.56	<13	PASS
		1	74	5.91	<13	PASS
		37	0	5.66	<13	PASS
		37	18	5.48	<13	PASS
		37	38	5.74	<13	PASS
		75	0	6.04	<13	PASS
	HCH	1	0	5.79	<13	PASS
		1	37	4.17	<13	PASS
		1	74	5.24	<13	PASS
		37	0	5.62	<13	PASS
		37	18	5.16	<13	PASS
		37	38	5.72	<13	PASS
		75	0	6.04	<13	PASS

Channel Bandwidth: 20 MHz

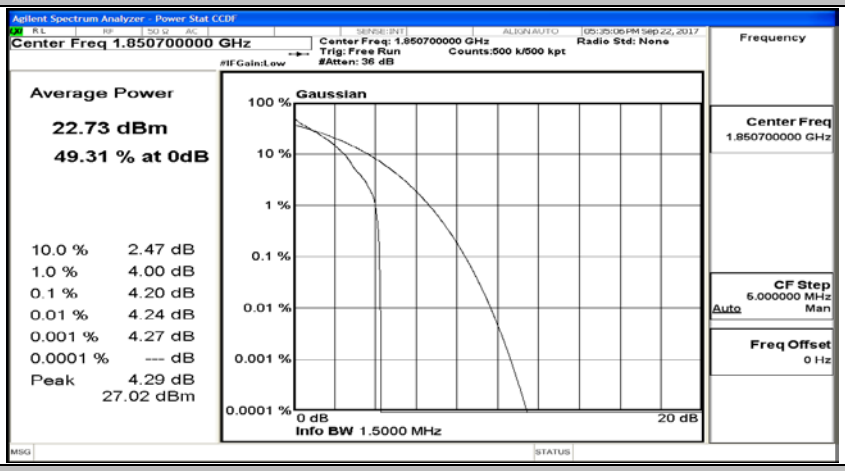
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	7.78	<13	PASS
		1	49	3.85	<13	PASS
		1	99	8.14	<13	PASS
		50	0	5.35	<13	PASS

		50	25	4.89	<13	PASS
		50	50	5.56	<13	PASS
		100	0	5.8	<13	PASS
	MCH	1	0	8.37	<13	PASS
		1	49	3.68	<13	PASS
		1	99	9.48	<13	PASS
		50	0	5.47	<13	PASS
		50	25	4.88	<13	PASS
		50	50	5.63	<13	PASS
		100	0	5.74	<13	PASS
	HCH	1	0	8.95	<13	PASS
		1	49	3.45	<13	PASS
		1	99	7.37	<13	PASS
		50	0	5.33	<13	PASS
		50	25	4.81	<13	PASS
		50	50	5.57	<13	PASS
		100	0	5.72	<13	PASS
16QAM	LCH	1	0	7.85	<13	PASS
		1	49	4.54	<13	PASS
		1	99	7.83	<13	PASS
		50	0	6.39	<13	PASS
		50	25	5.66	<13	PASS
		50	50	6.37	<13	PASS
		100	0	6.55	<13	PASS
	MCH	1	0	8.3	<13	PASS
		1	49	4.62	<13	PASS
		1	99	9.9	<13	PASS
		50	0	6.31	<13	PASS
		50	25	5.69	<13	PASS
		50	50	6.47	<13	PASS
		100	0	6.58	<13	PASS
	HCH	1	0	9.39	<13	PASS
		1	49	4.42	<13	PASS
		1	99	8.84	<13	PASS
		50	0	6.36	<13	PASS
		50	25	5.57	<13	PASS
		50	50	6.38	<13	PASS
		100	0	6.6	<13	PASS

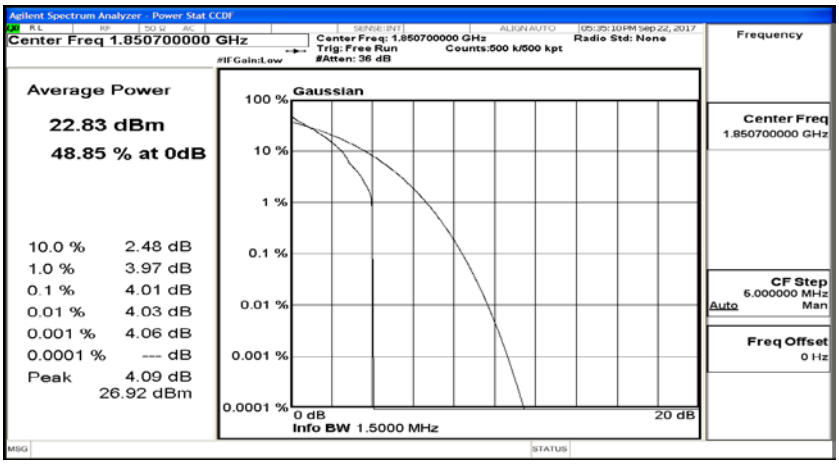
Test Graphs

Channel Bandwidth: 1.4 MHz

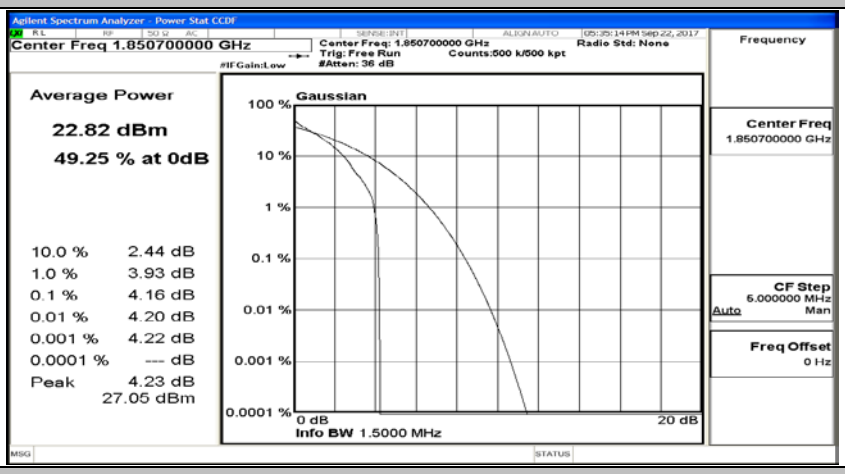
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



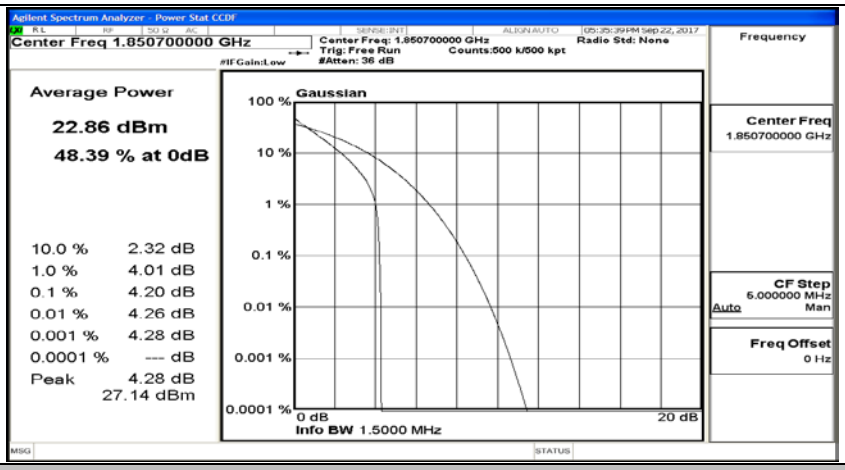
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3



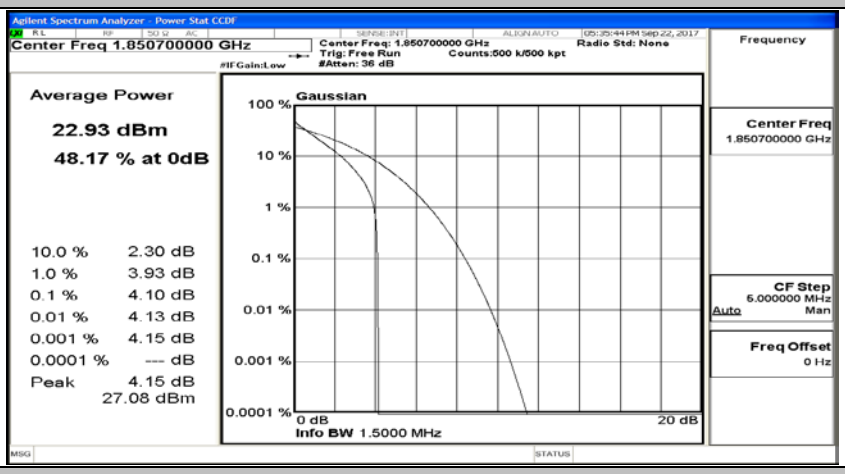
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



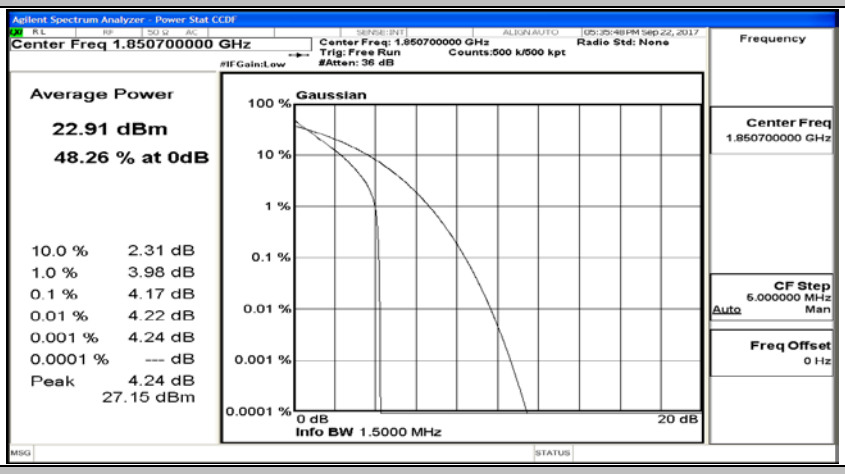
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0



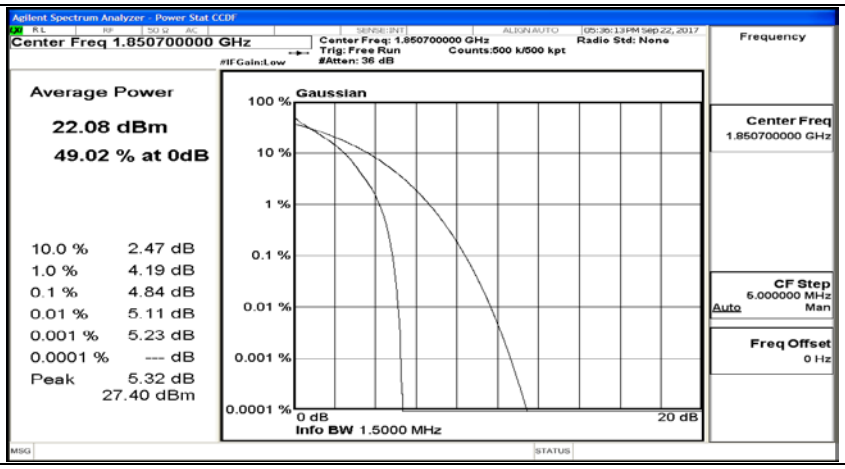
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



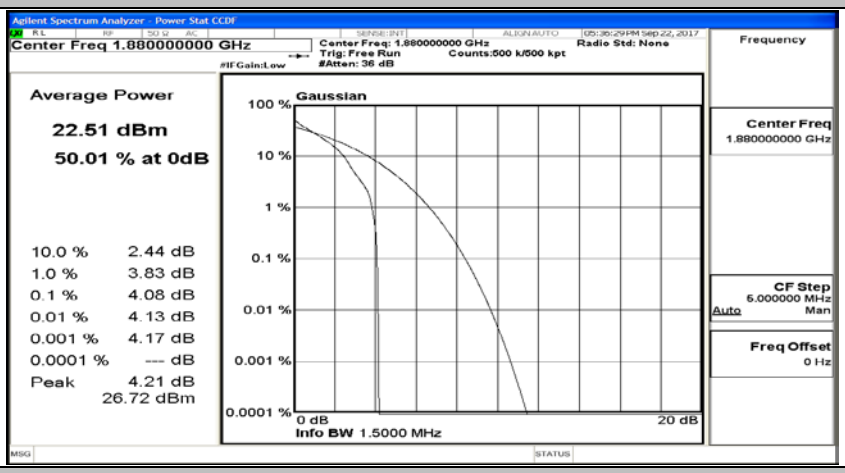
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



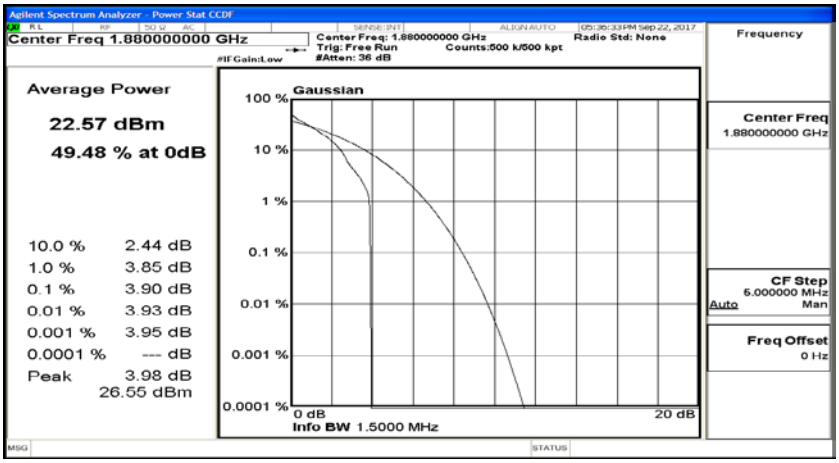
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



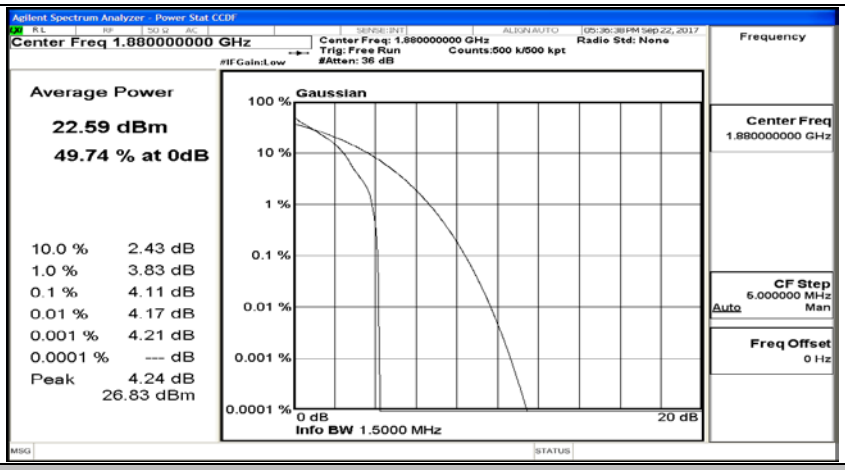
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



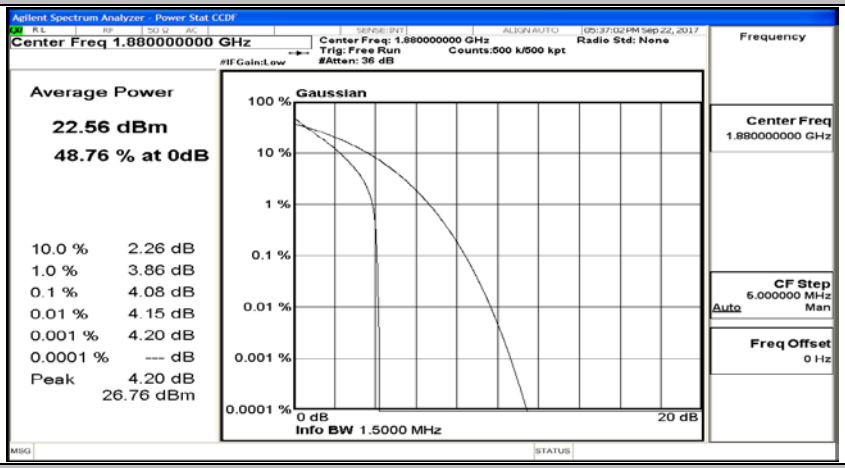
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



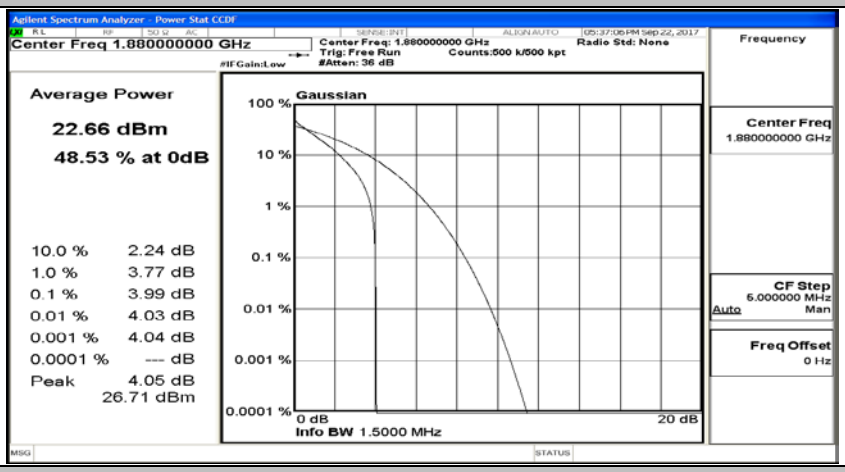
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



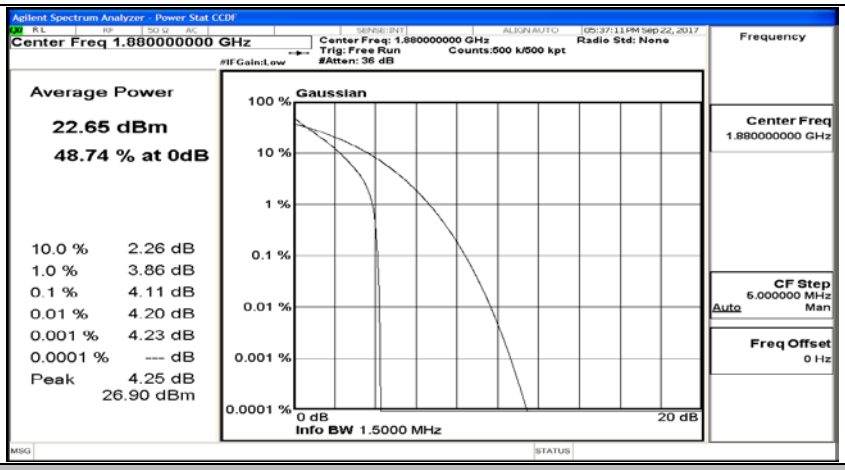
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



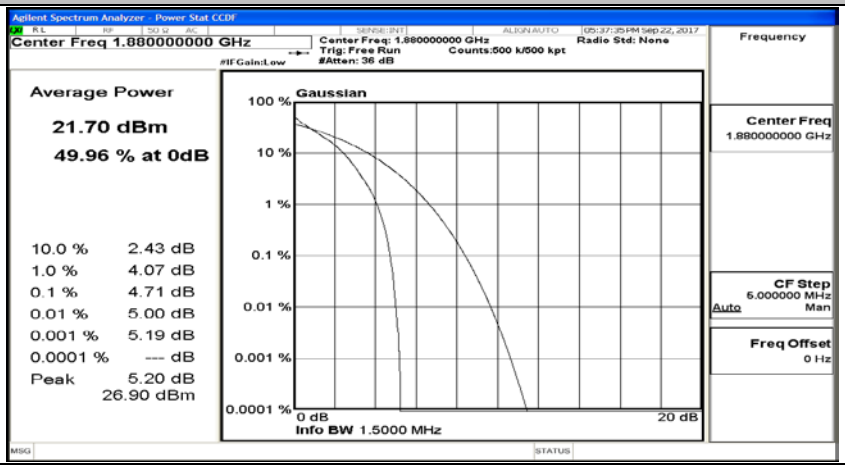
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



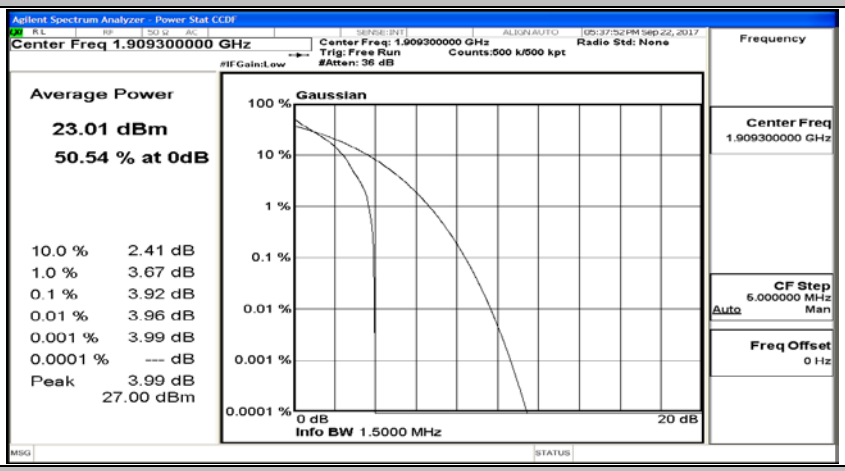
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



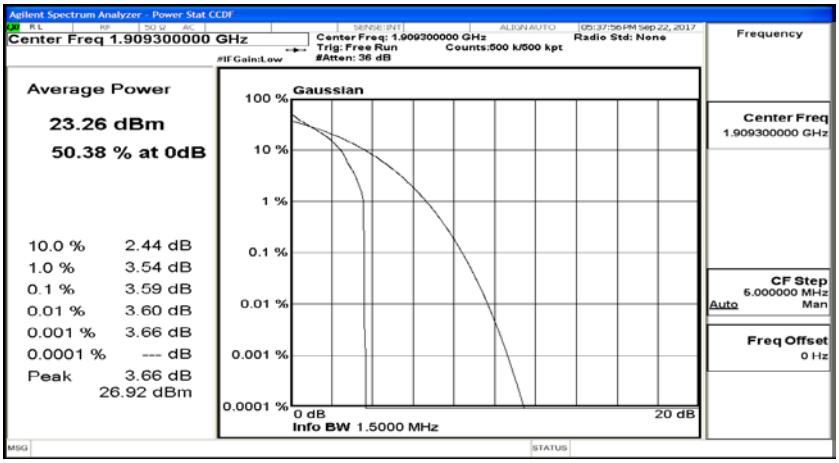
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



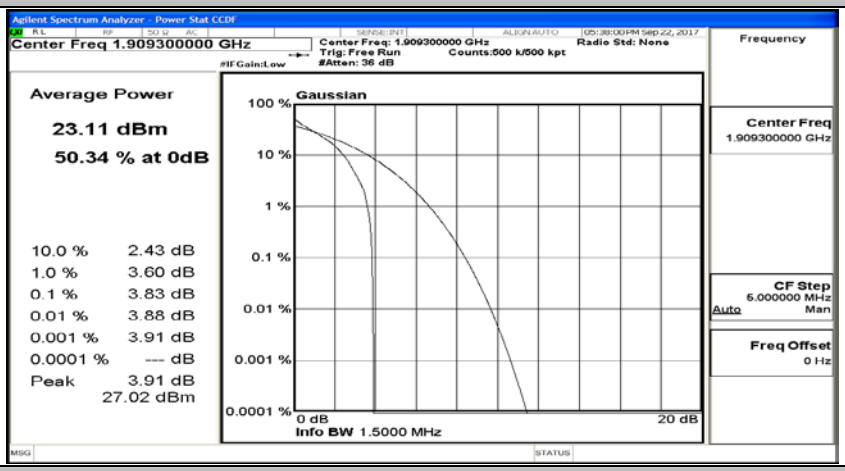
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



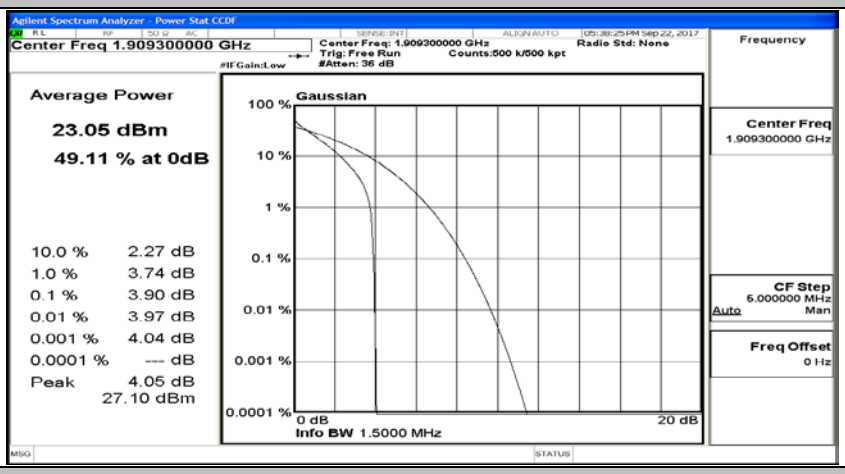
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



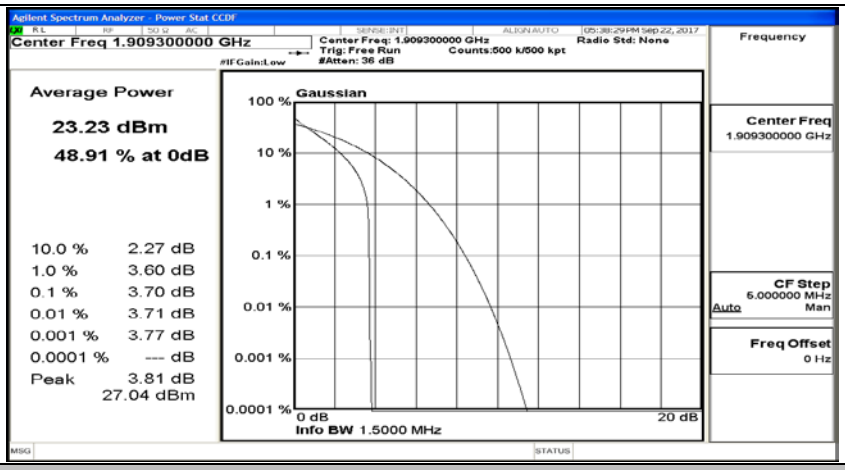
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



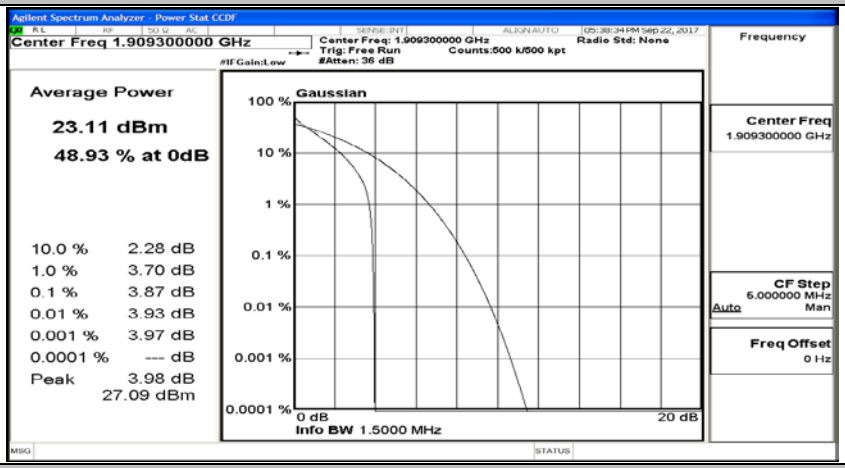
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



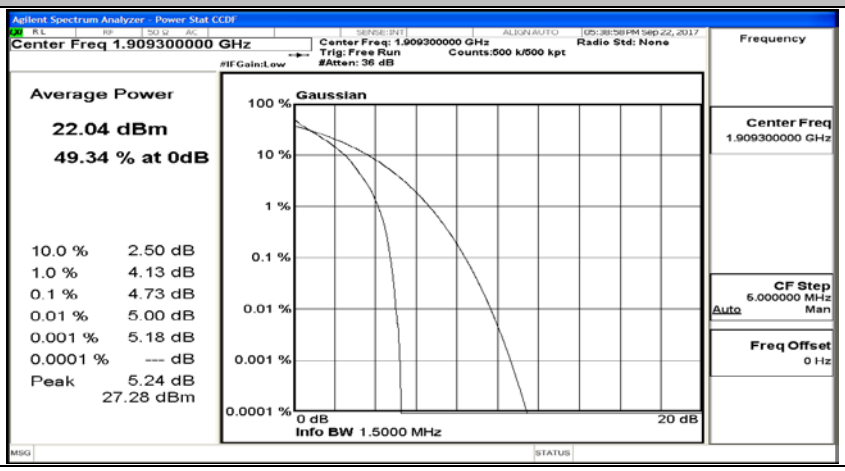
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



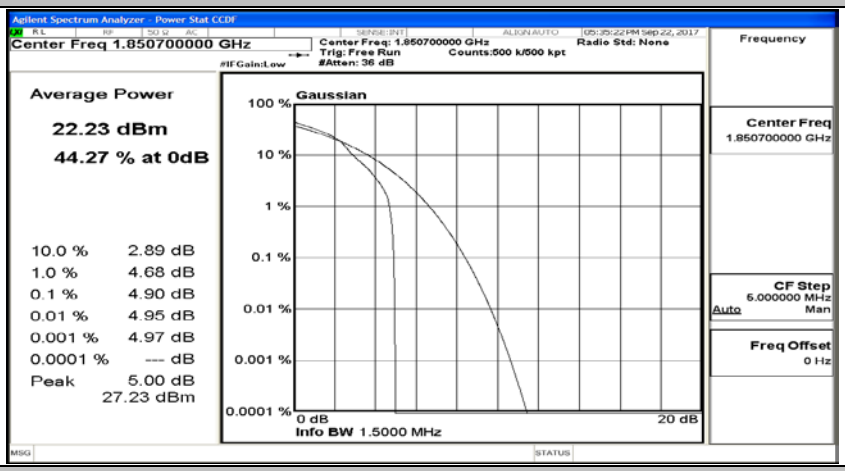
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



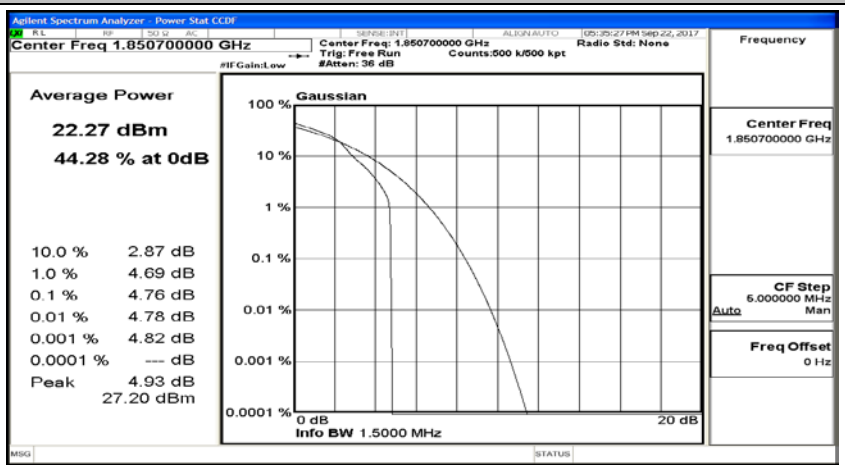
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



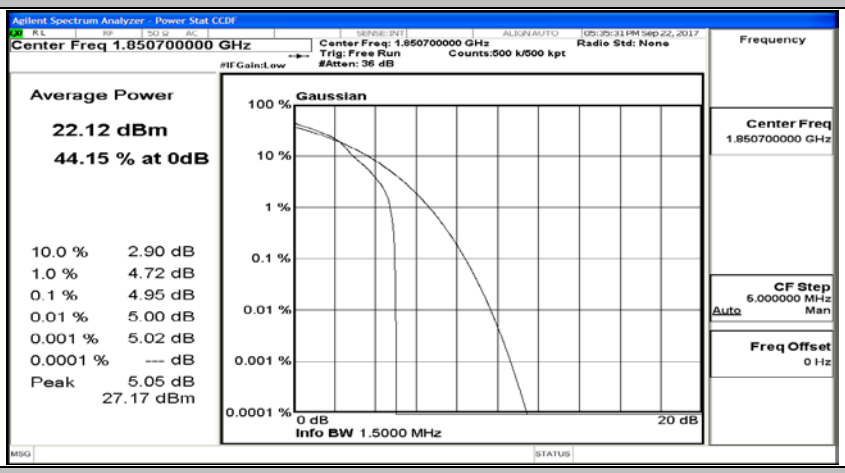
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



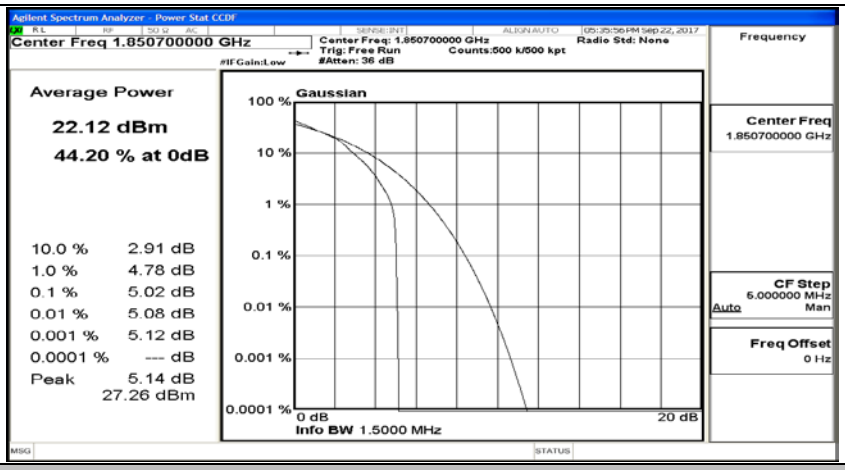
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



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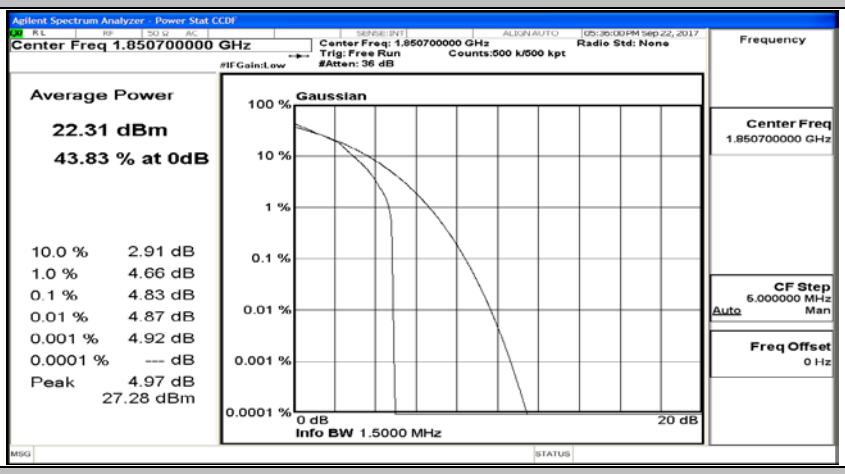
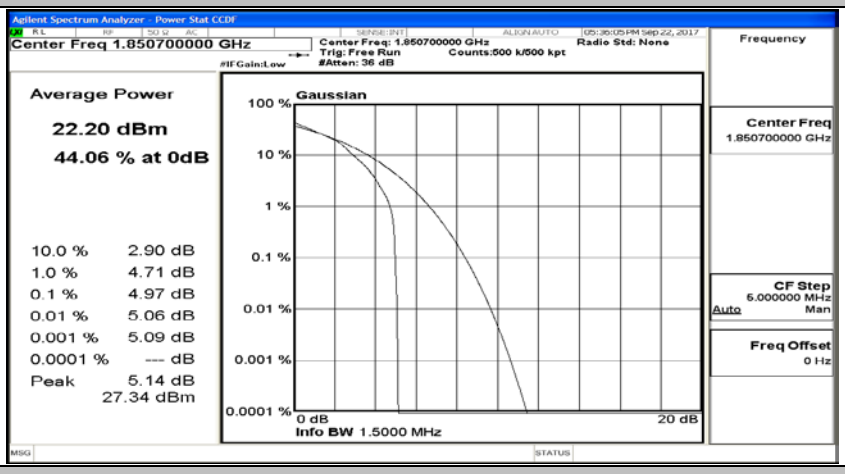
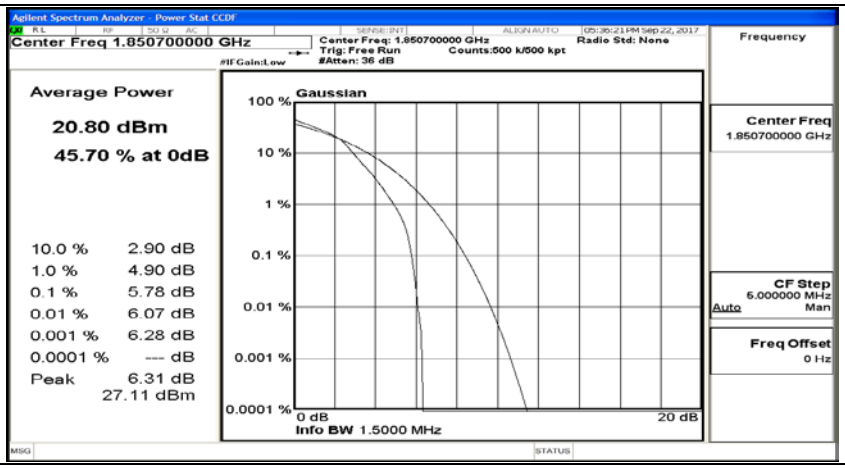


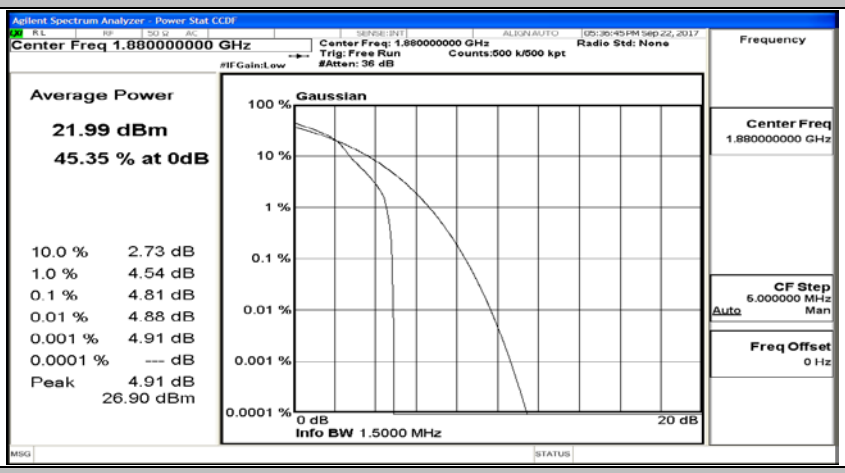
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



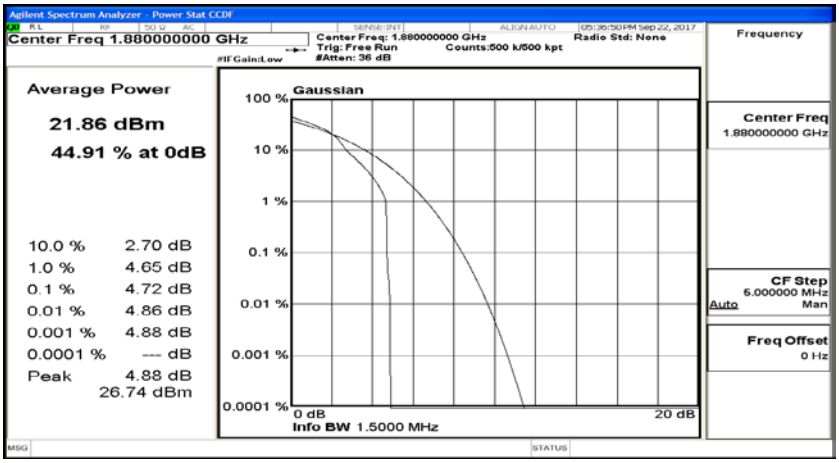
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



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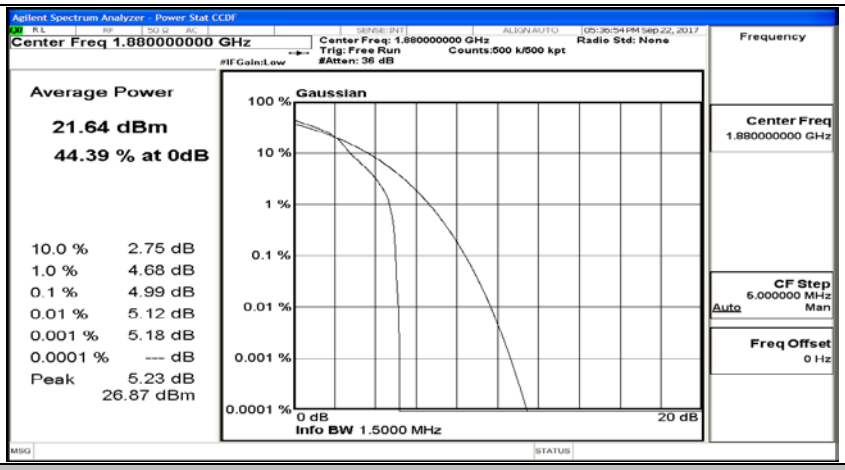
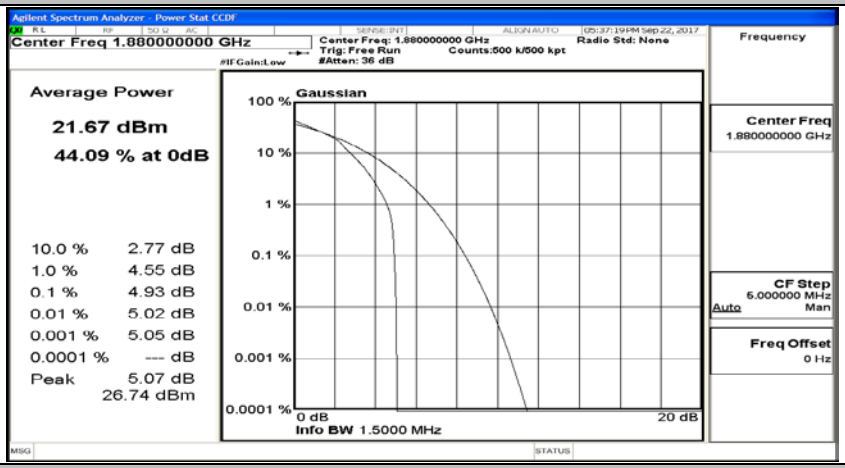
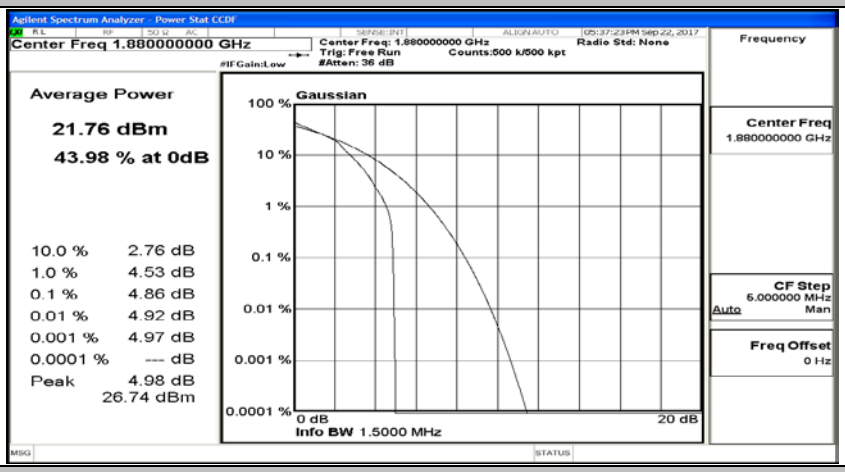


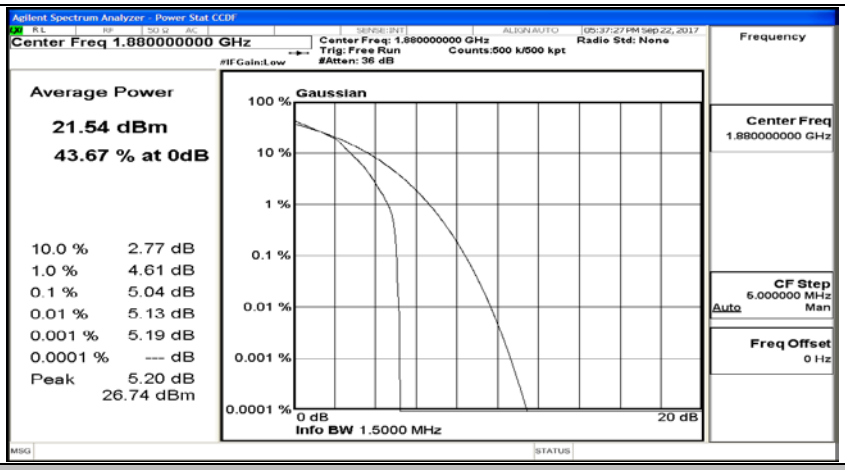
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



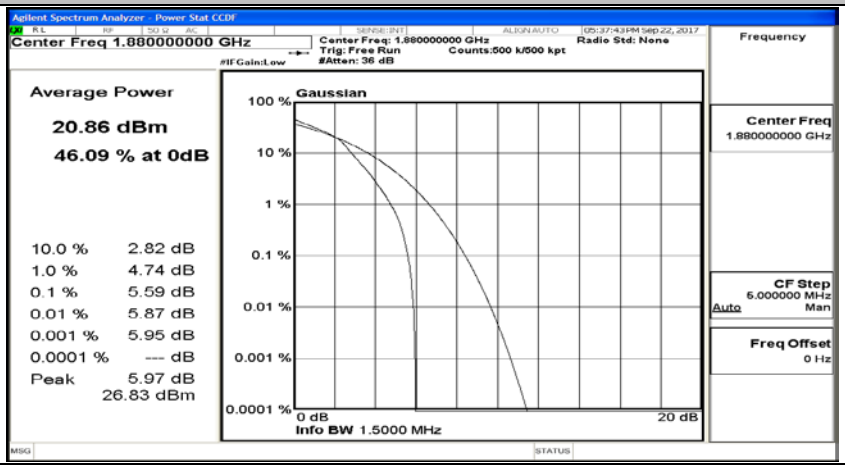
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



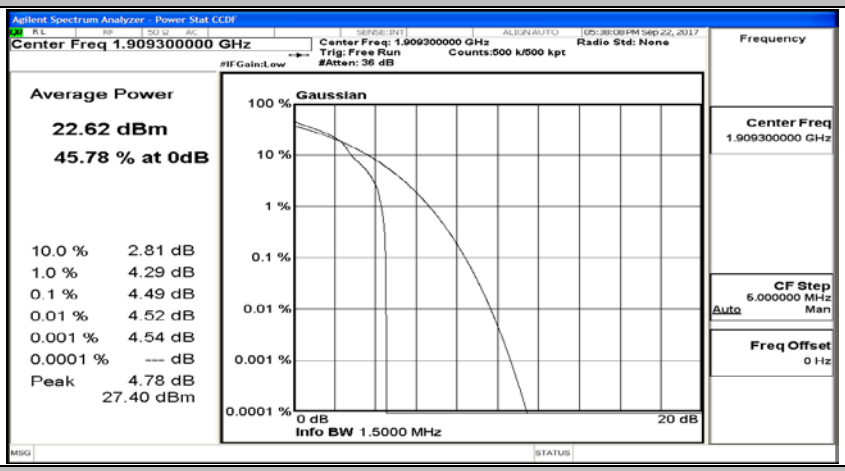
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



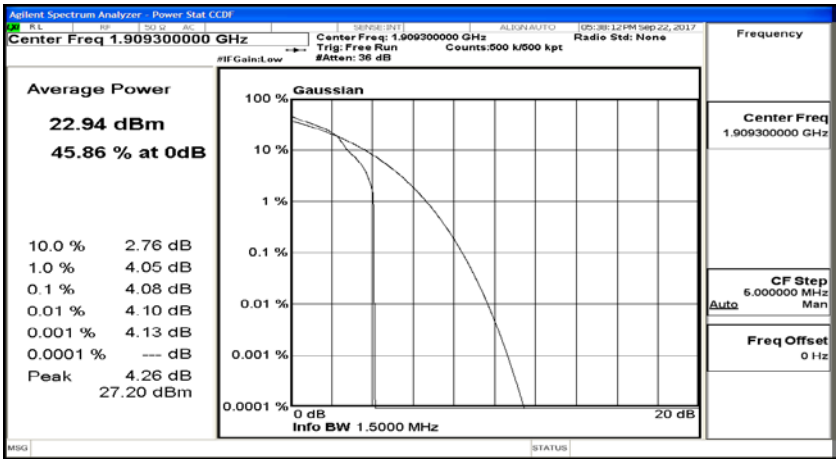
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



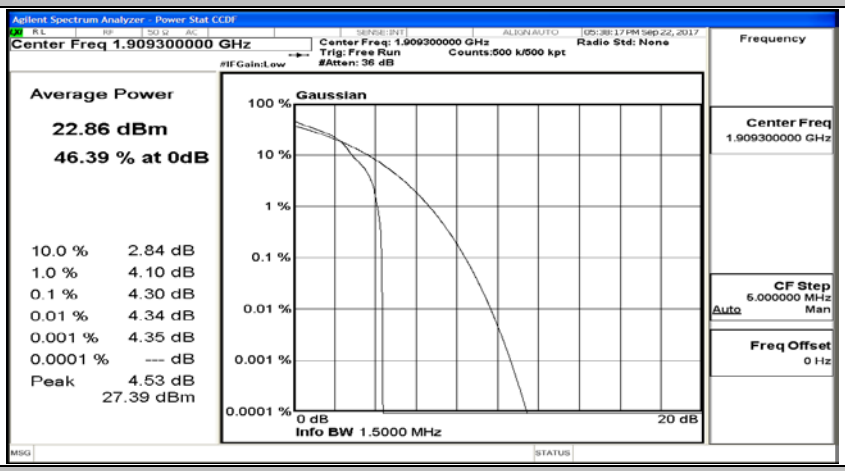
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



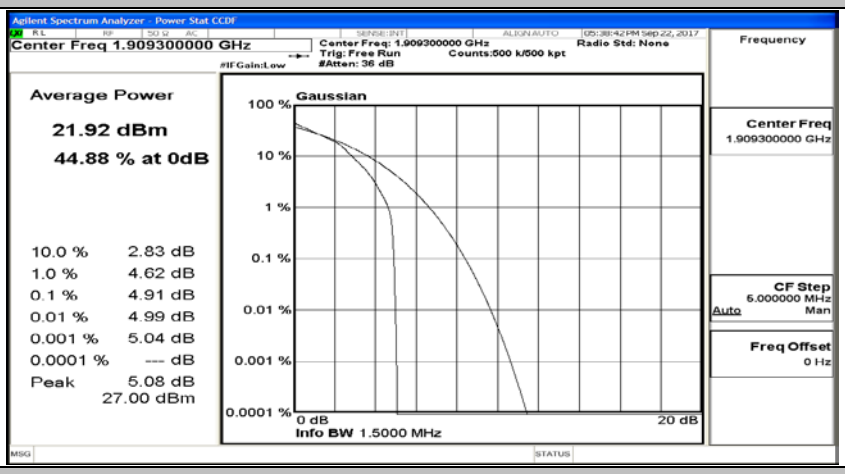
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



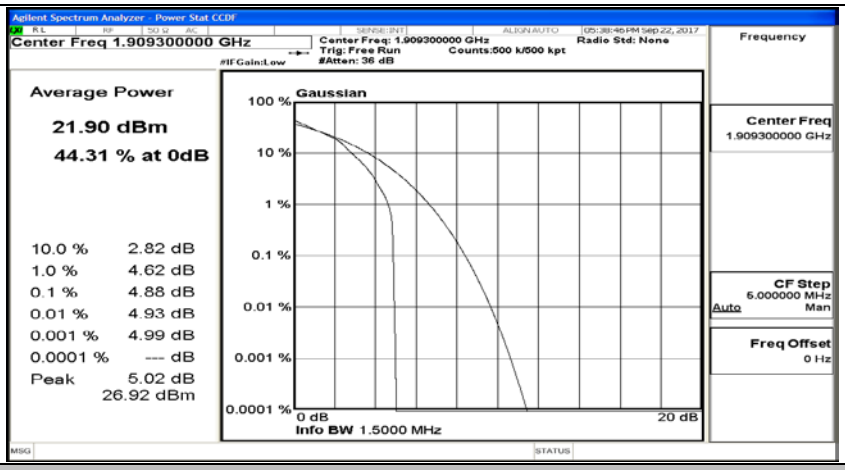
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



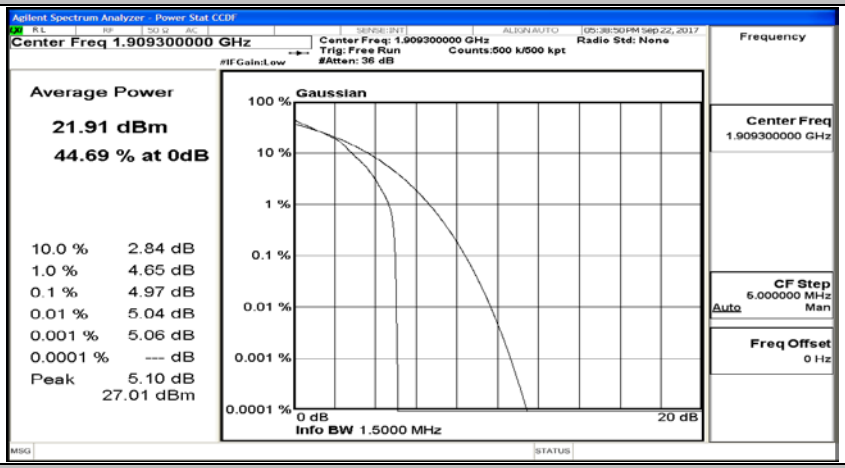
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



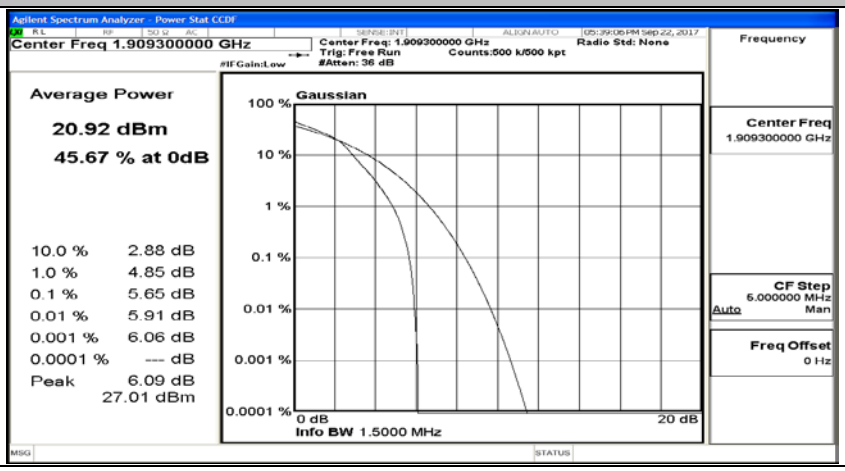
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

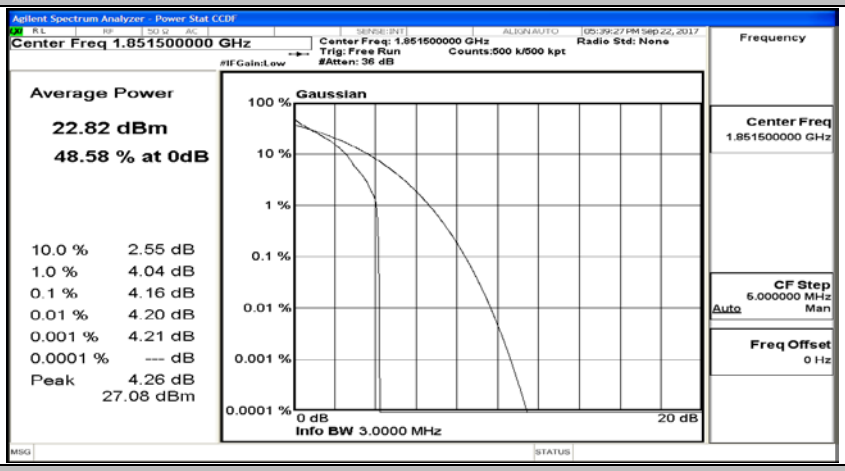


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

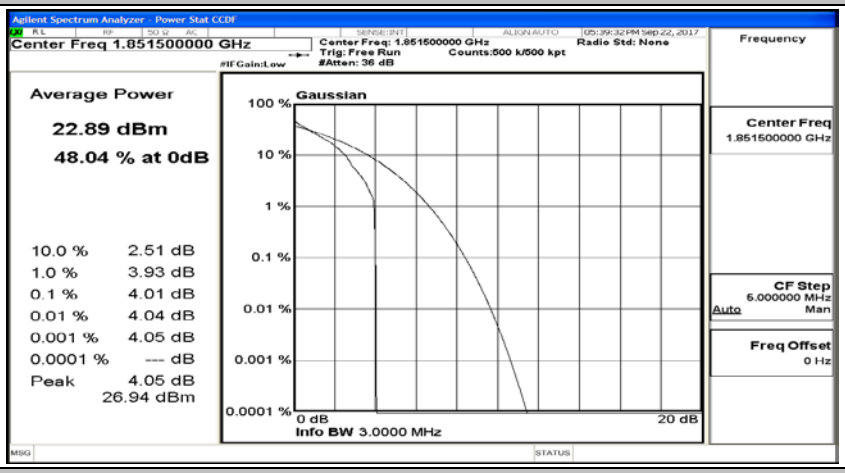


Channel Bandwidth: 3 MHz

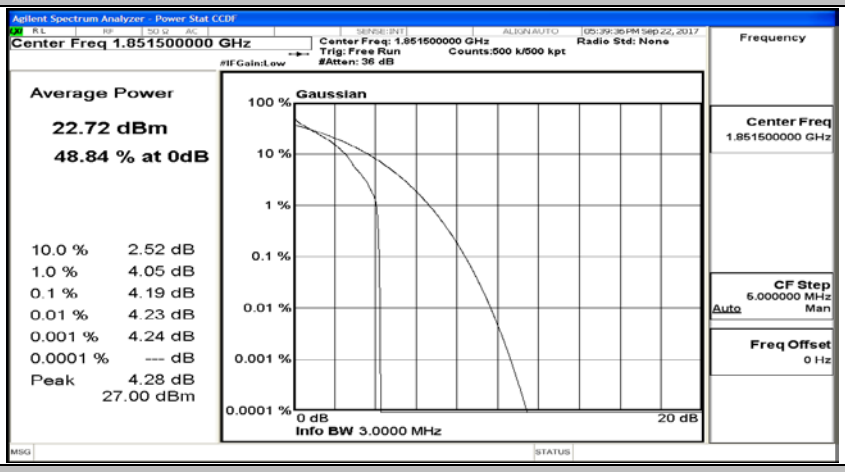
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



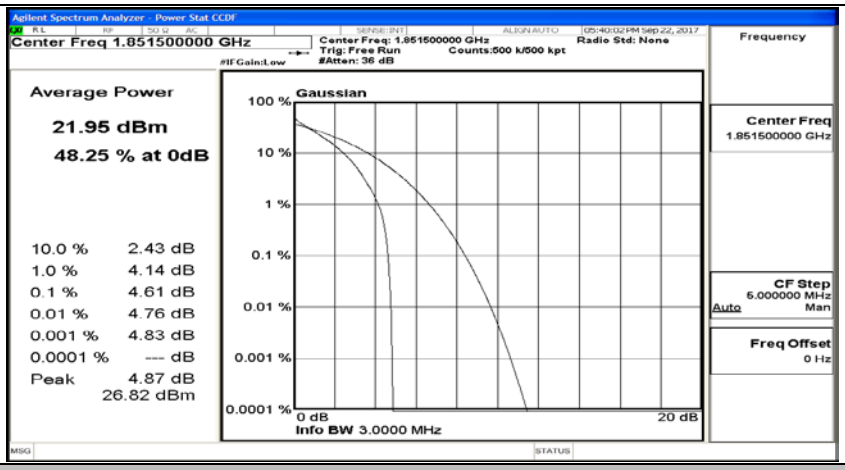
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0



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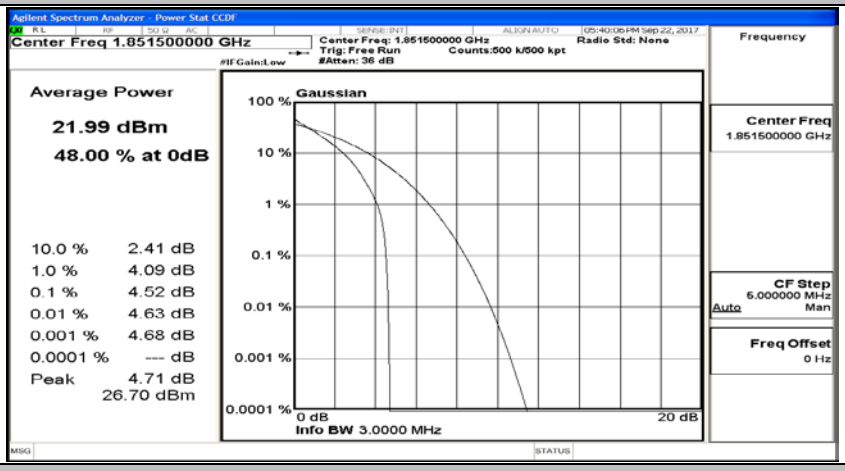
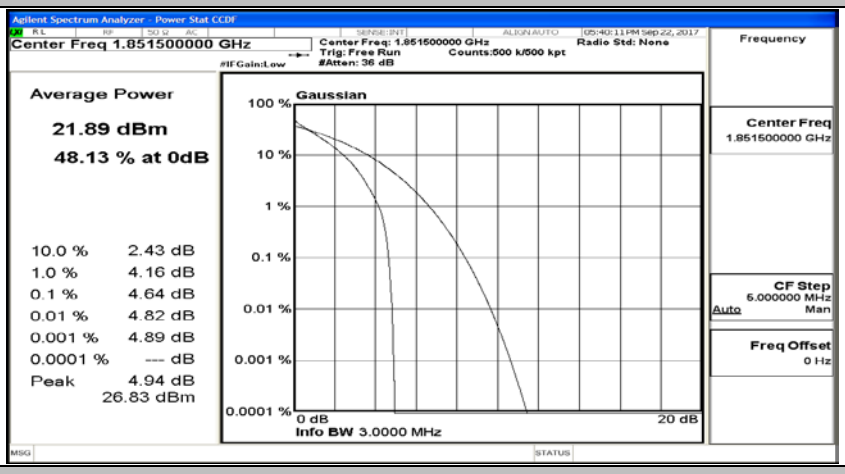
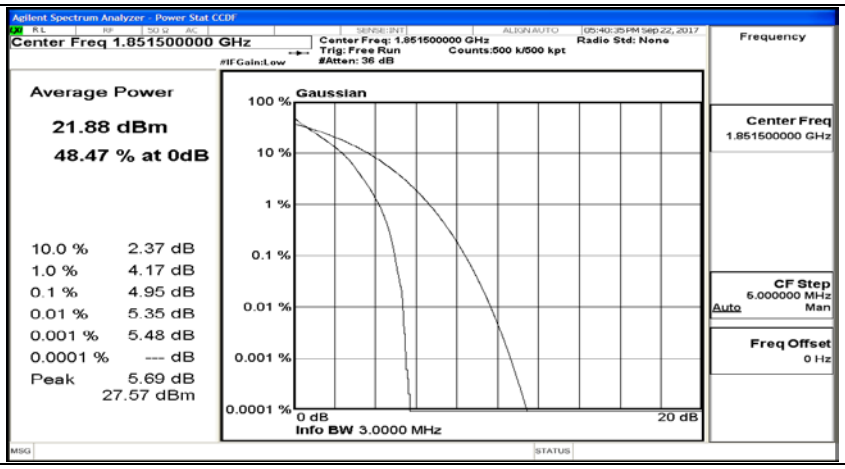


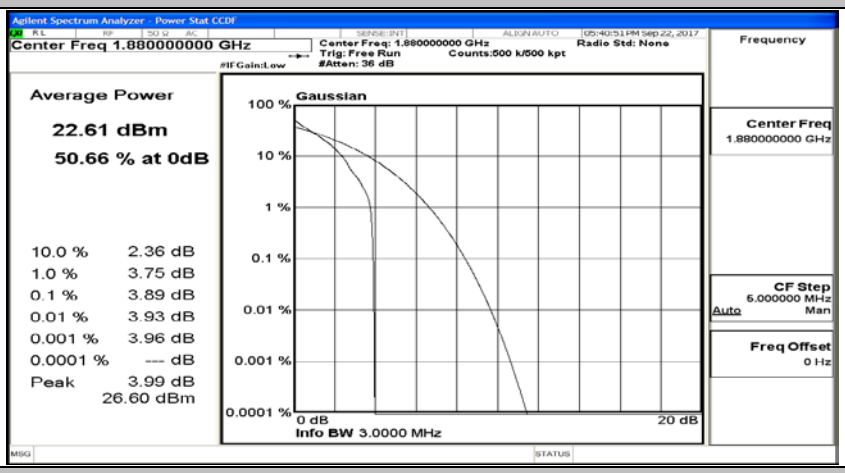
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



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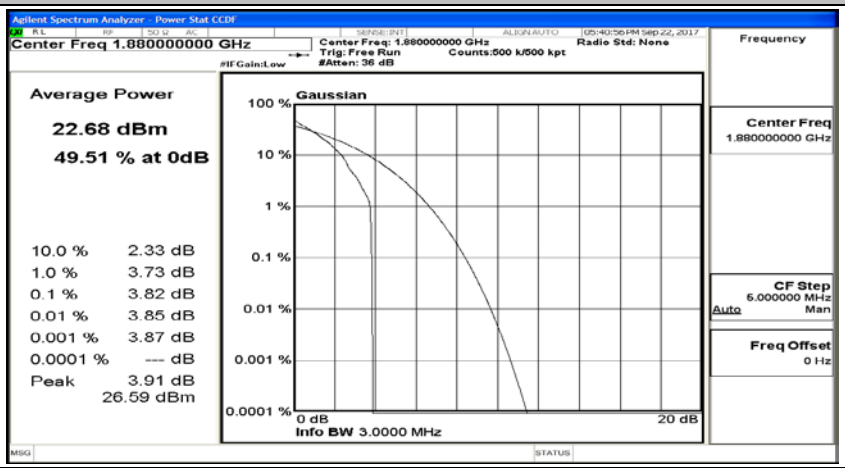

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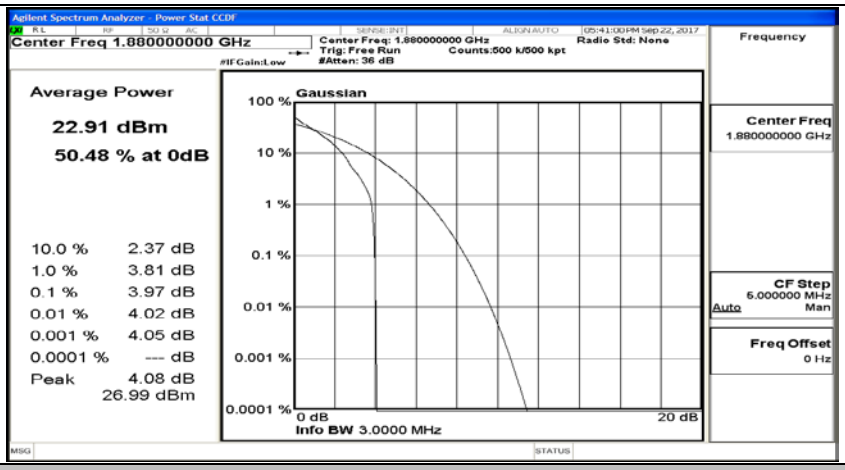

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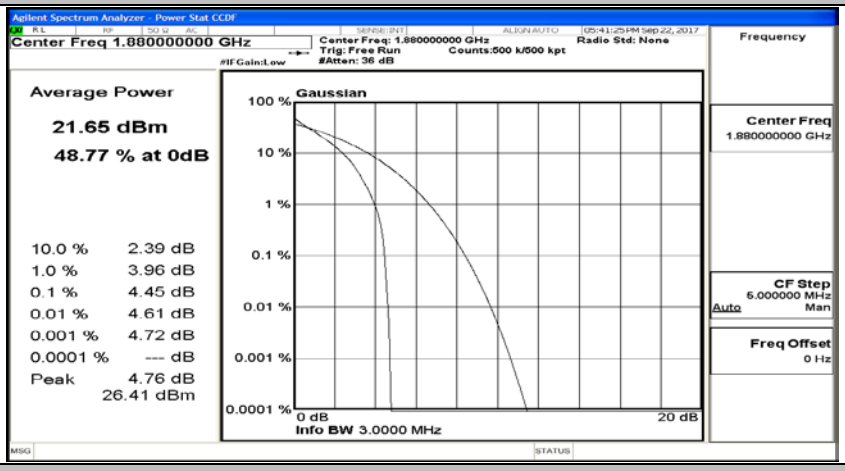
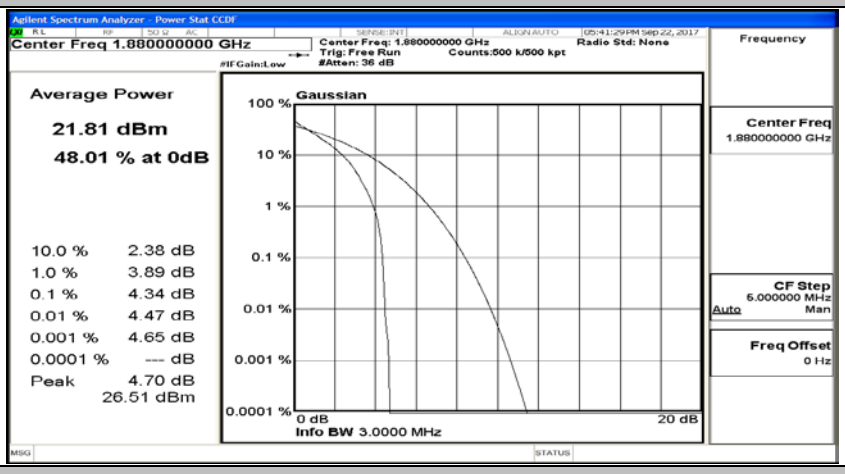
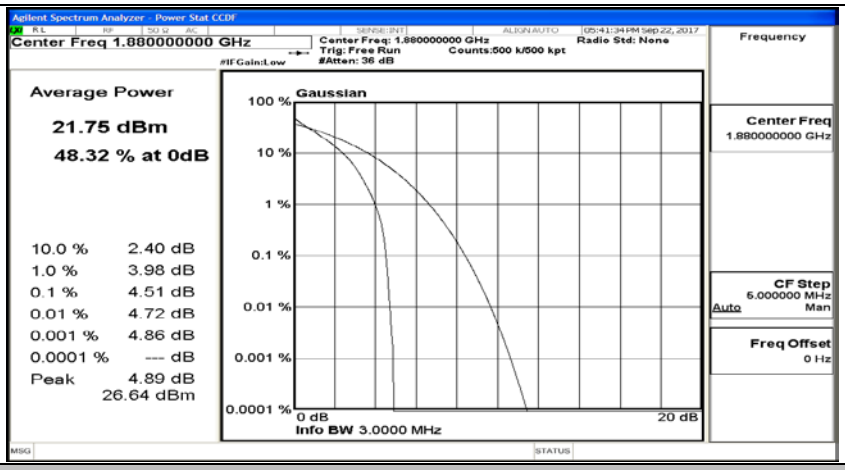


(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#4



(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#7



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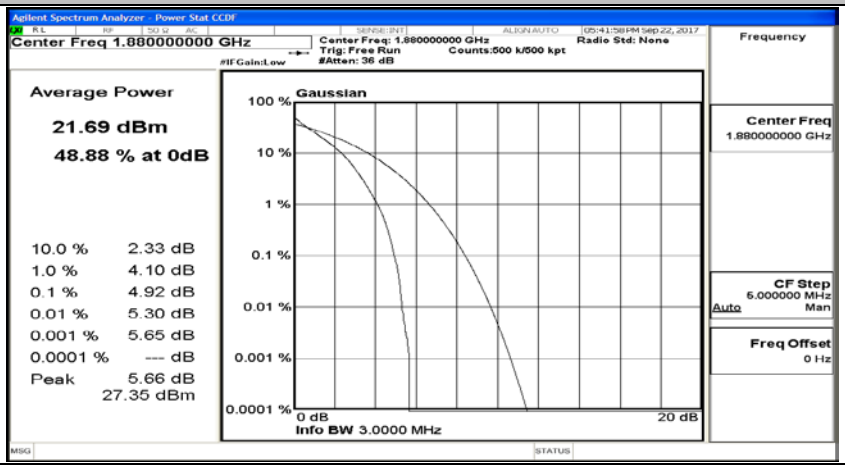

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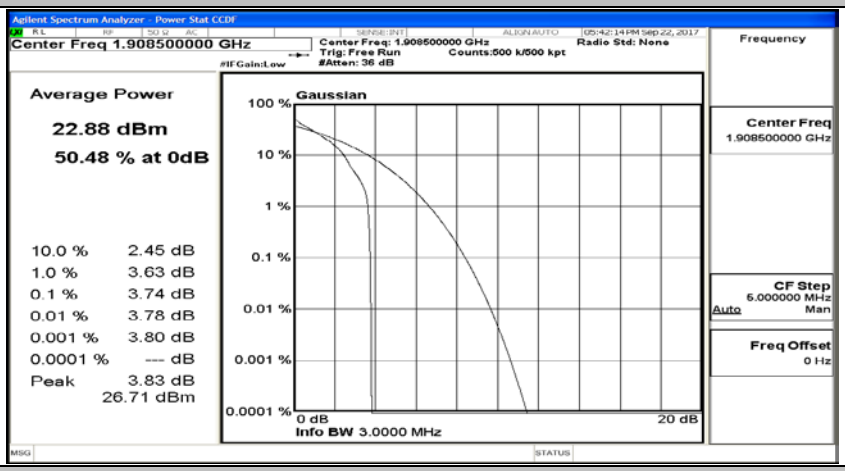
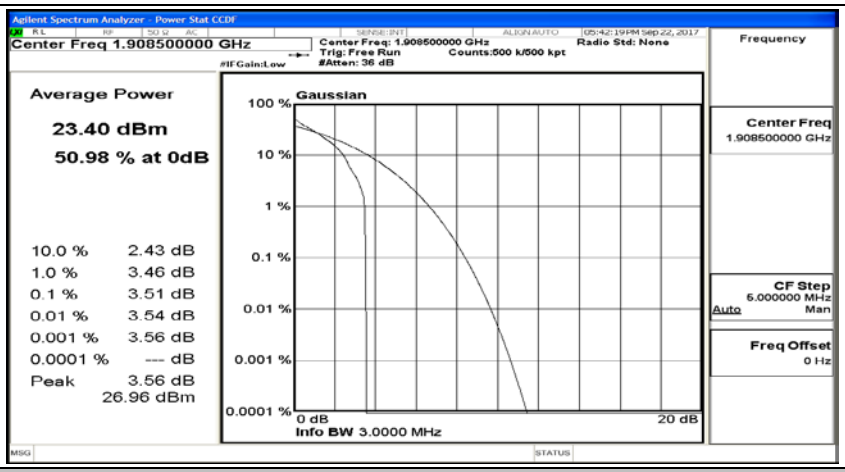
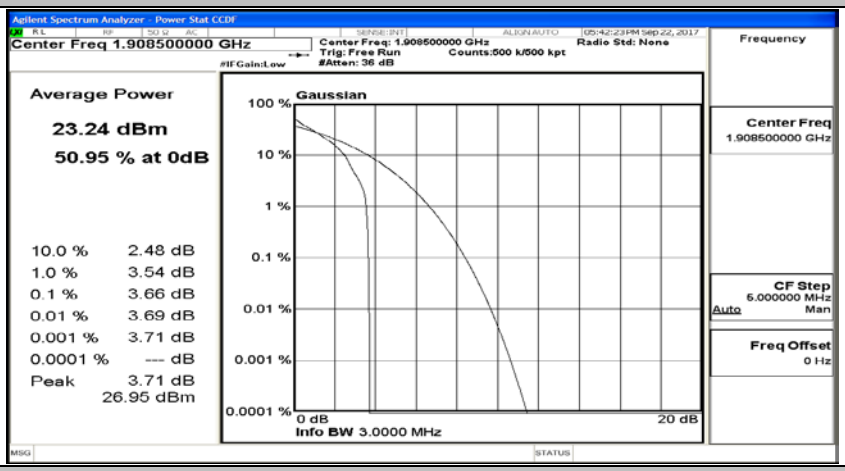


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



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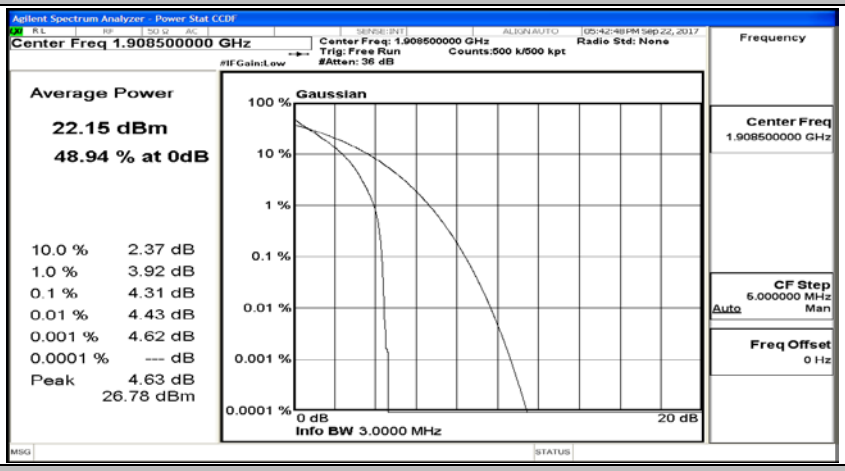

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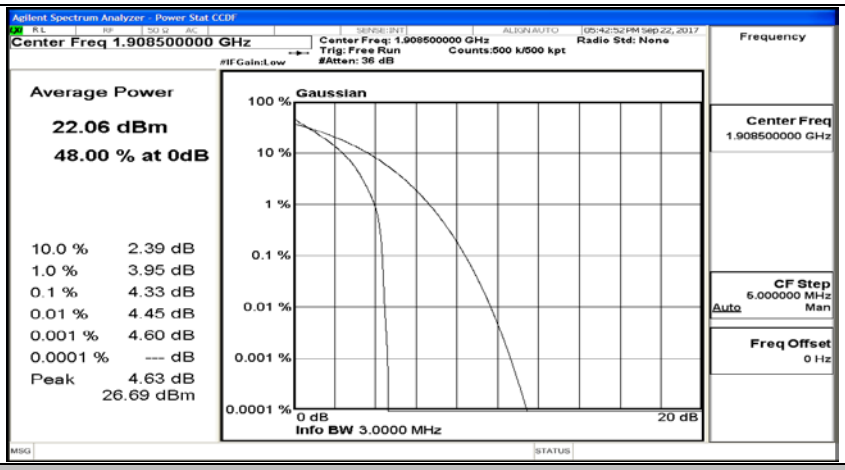
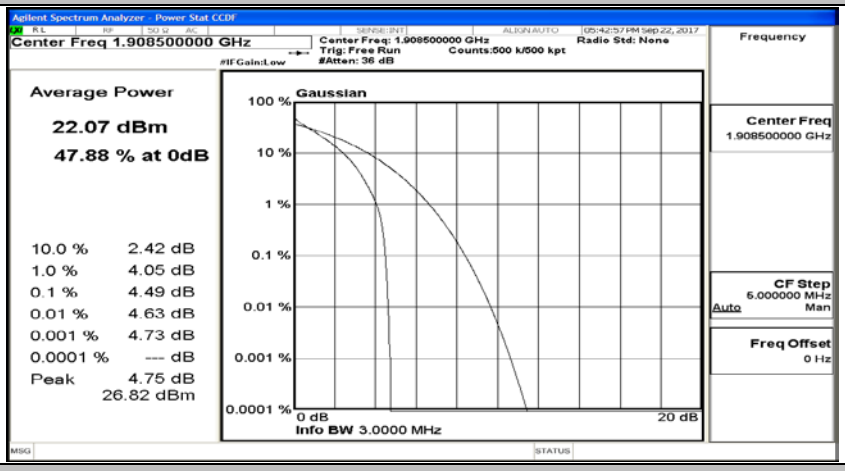
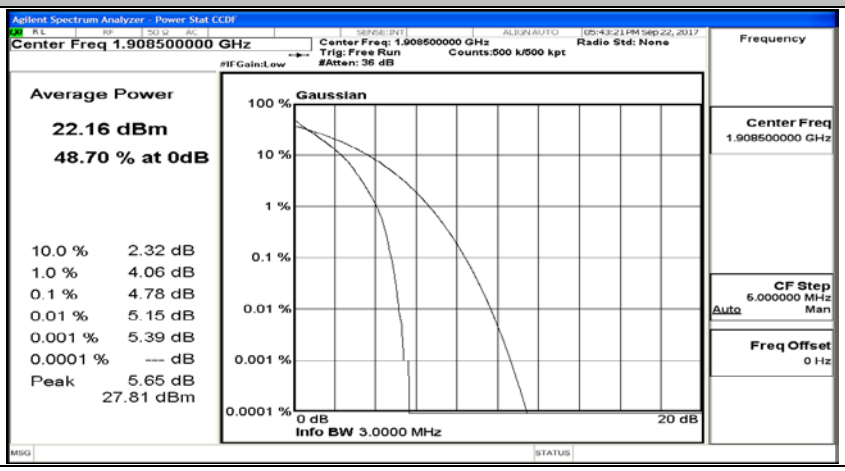


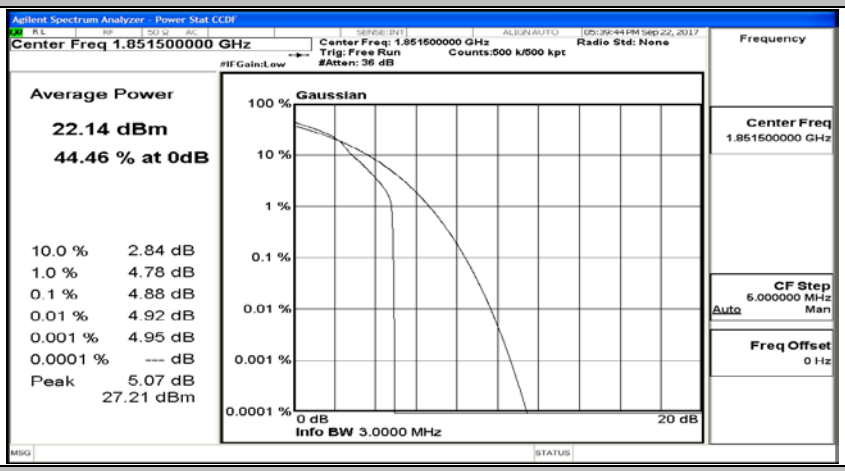
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7



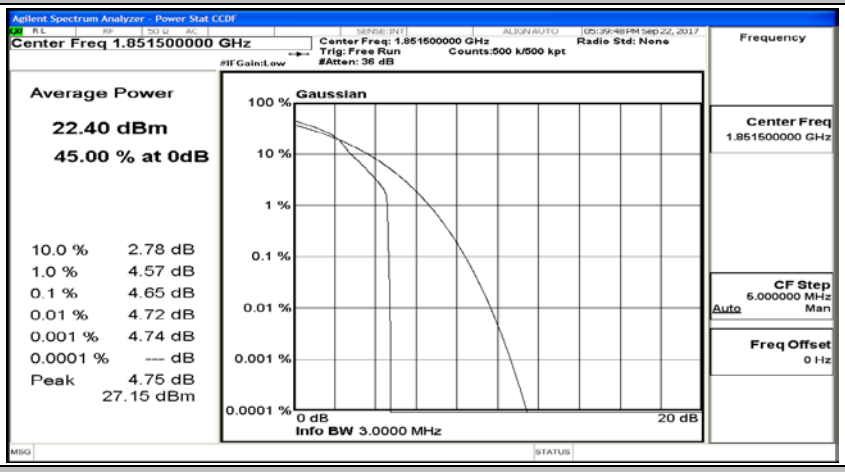
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



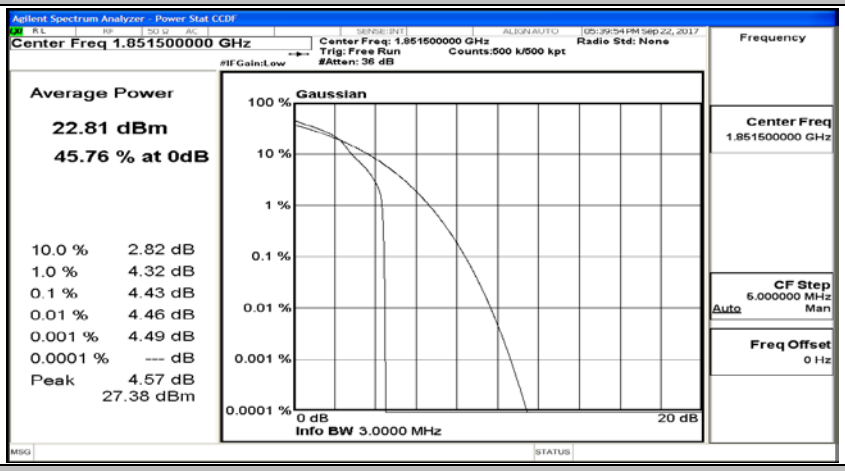
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



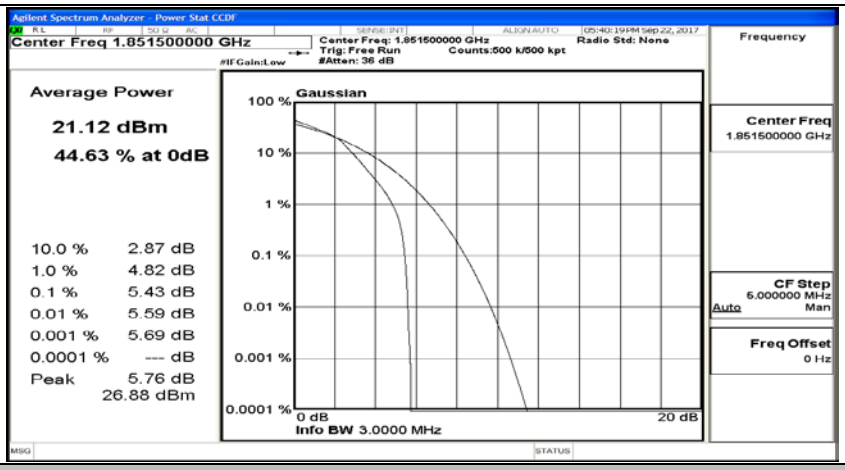
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7



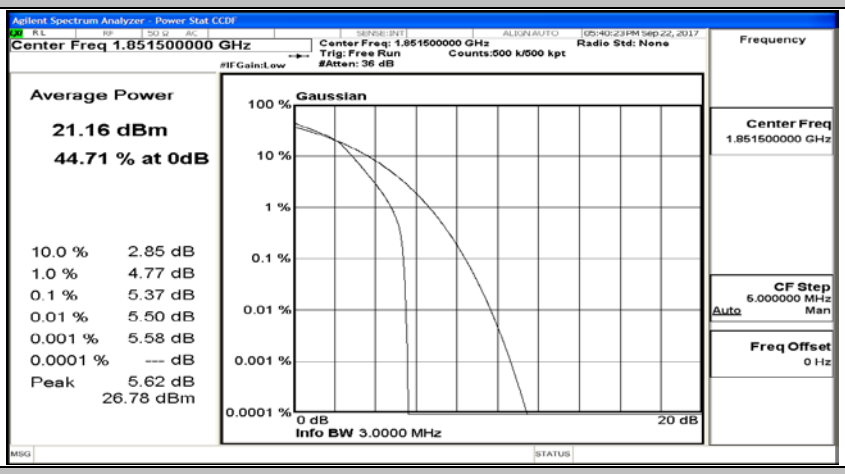
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14



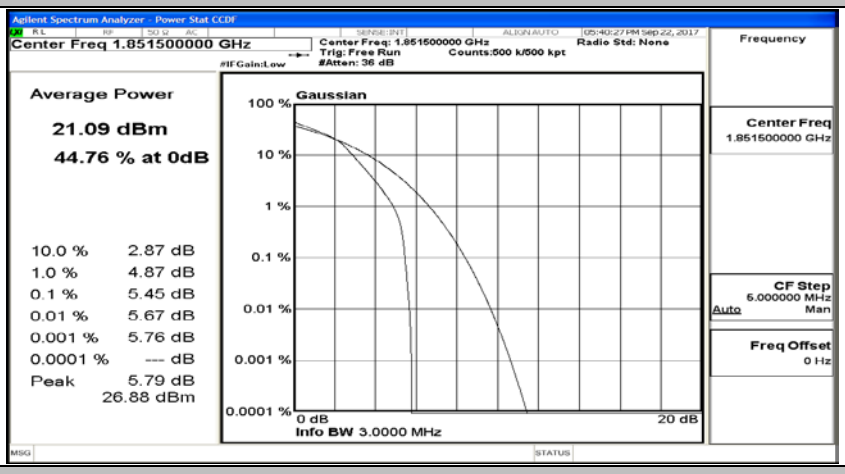
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0



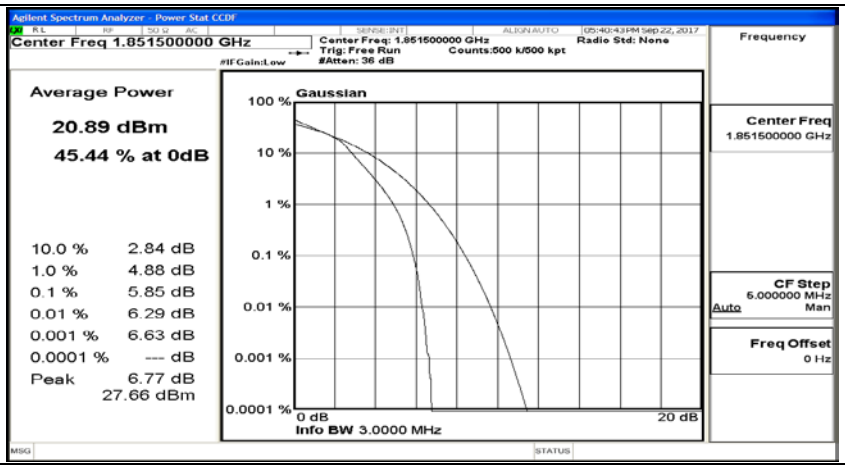
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4



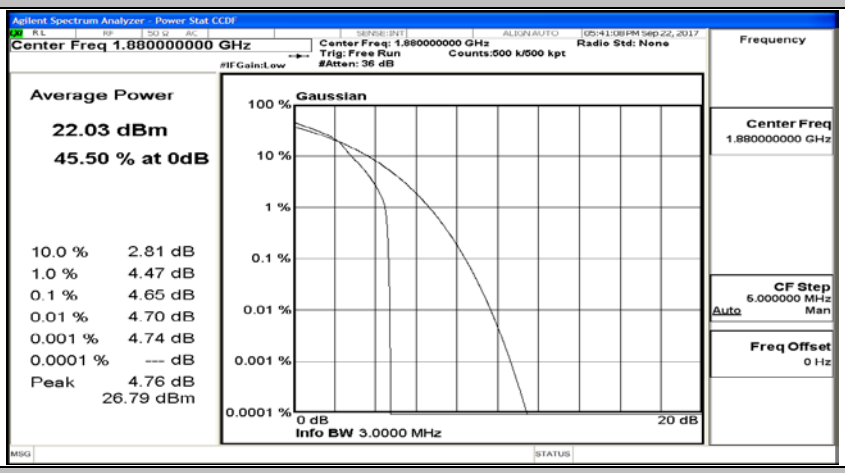
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7



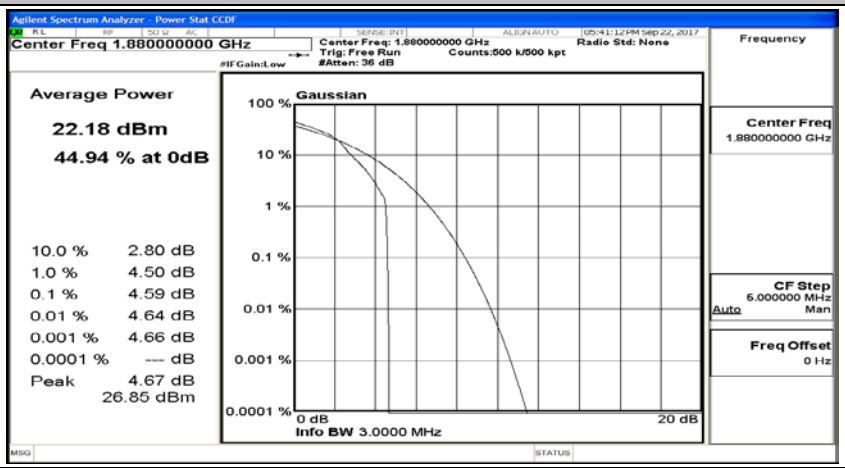
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



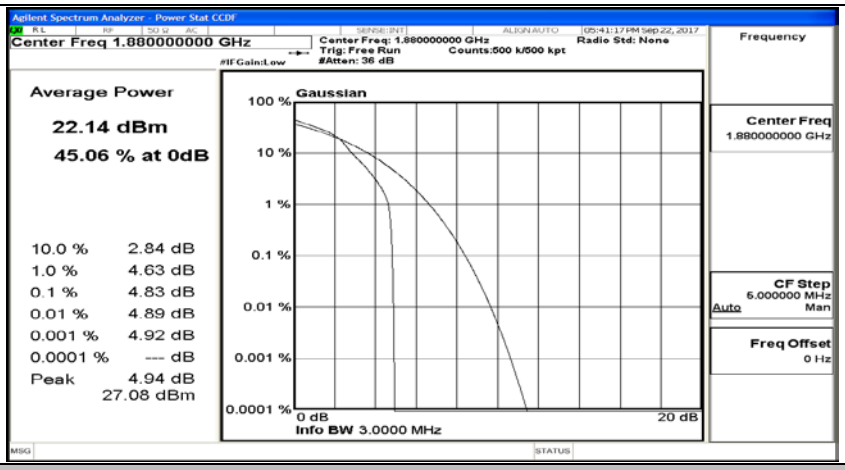
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



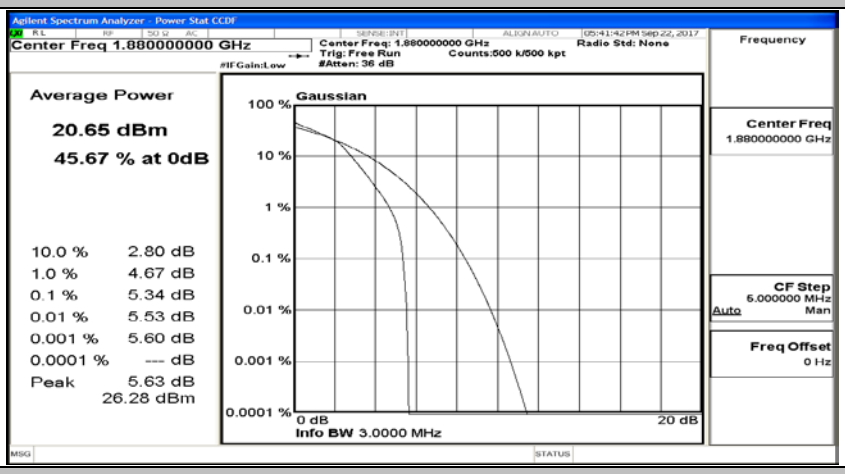
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7



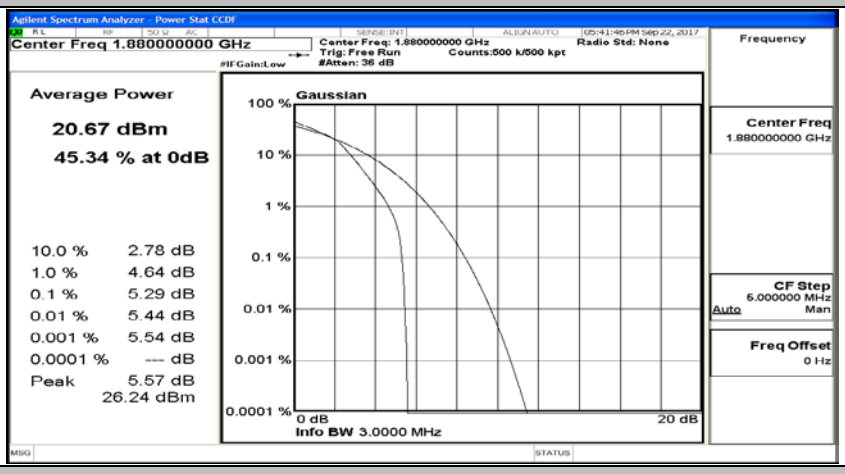
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



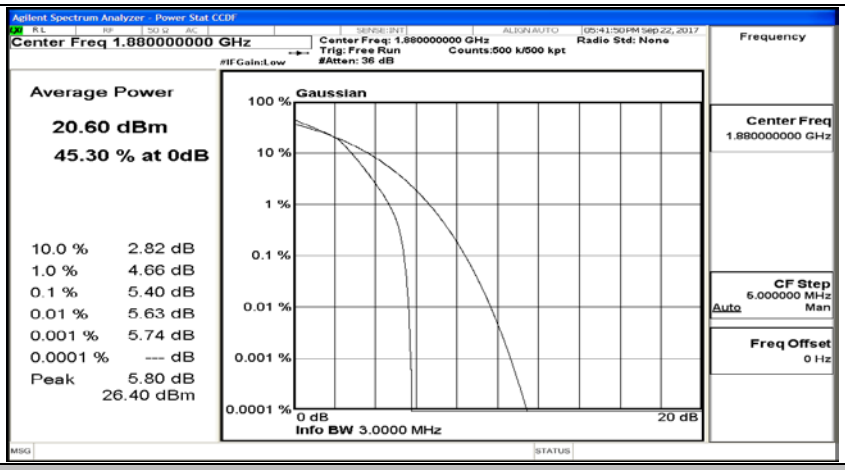
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#0



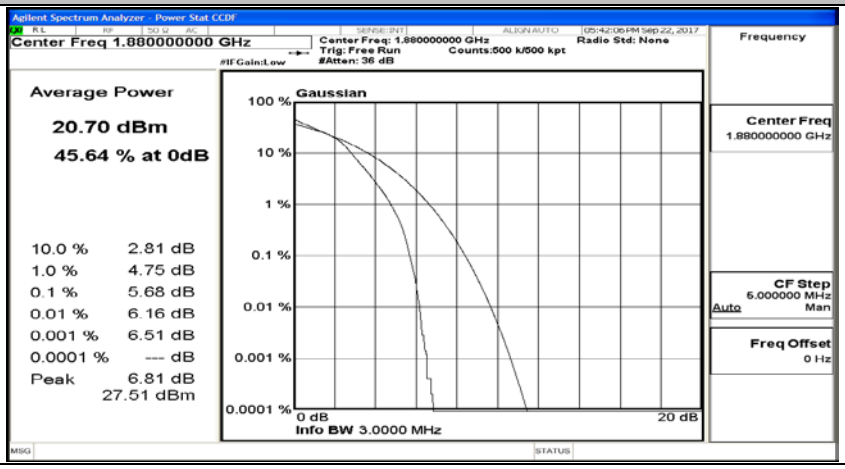
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#4



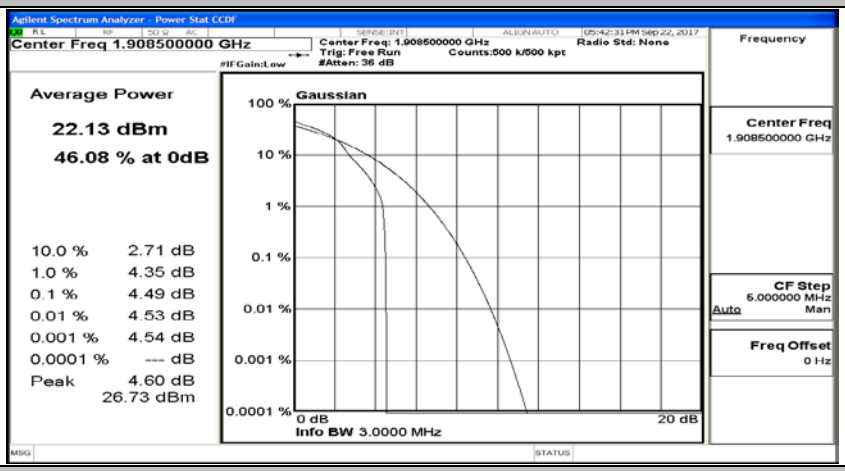
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#7



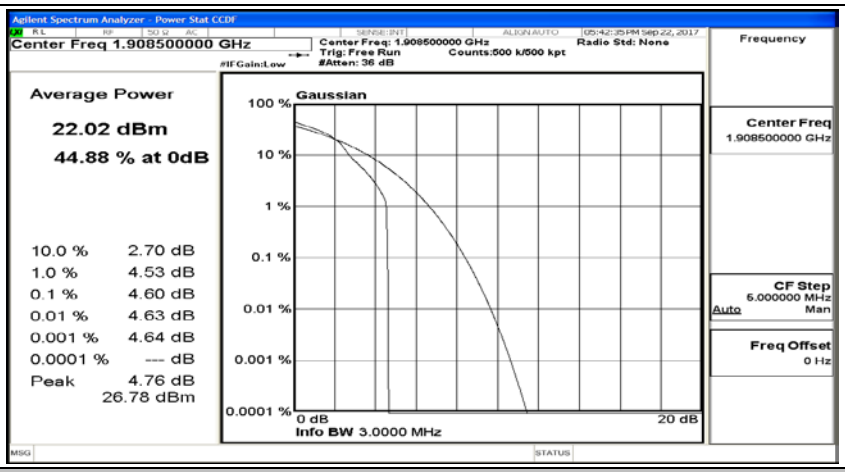
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



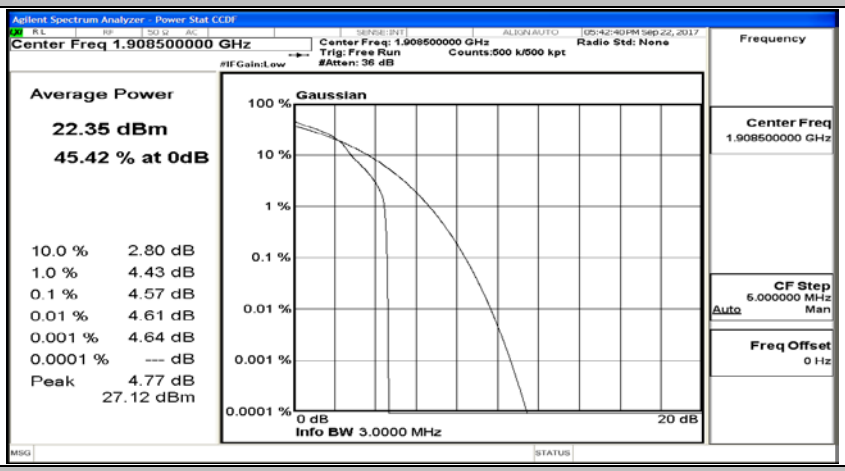
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



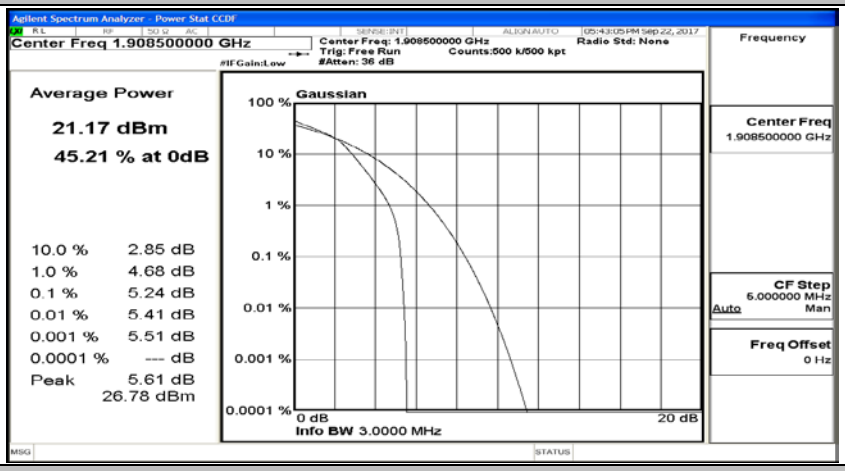
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



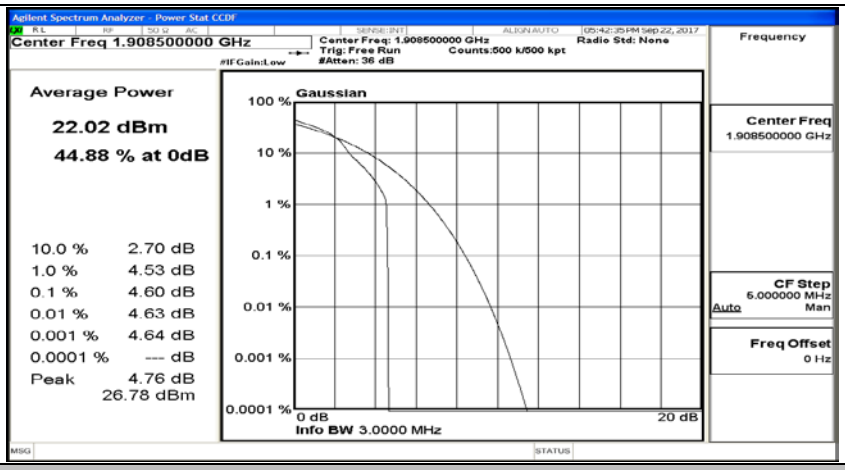
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14



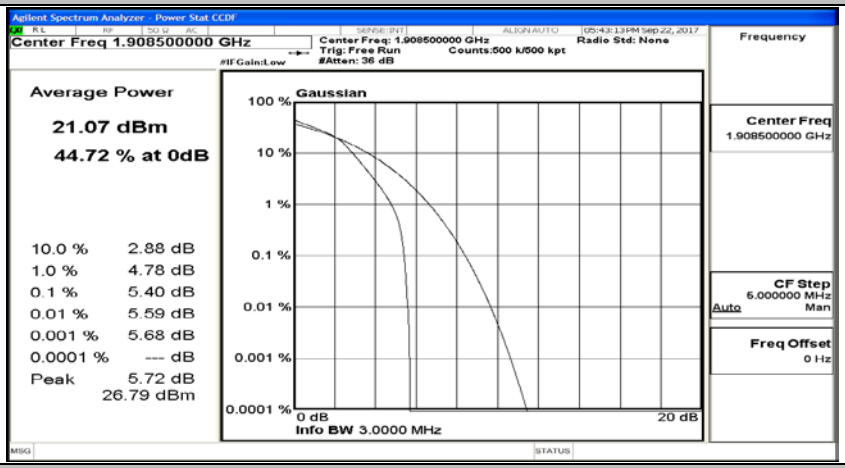
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



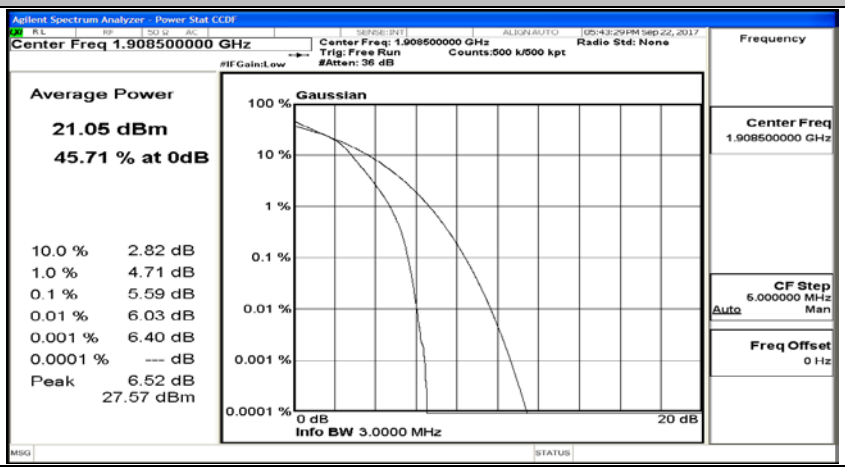
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7

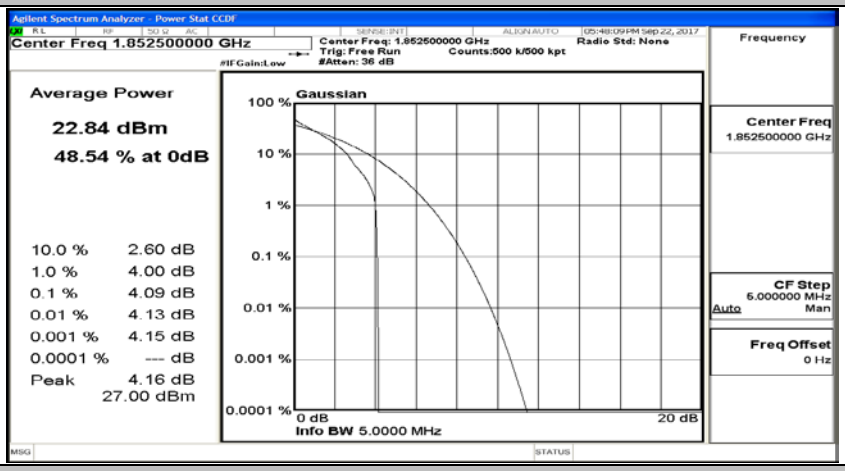


(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

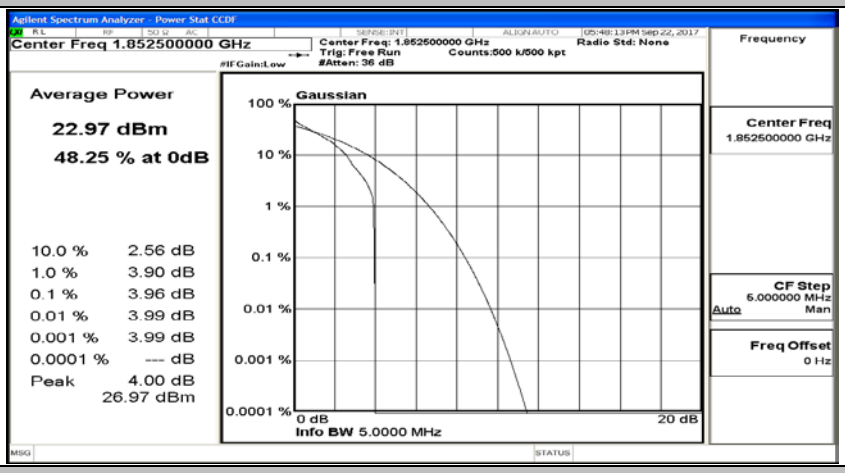


Channel Bandwidth: 5 MHz

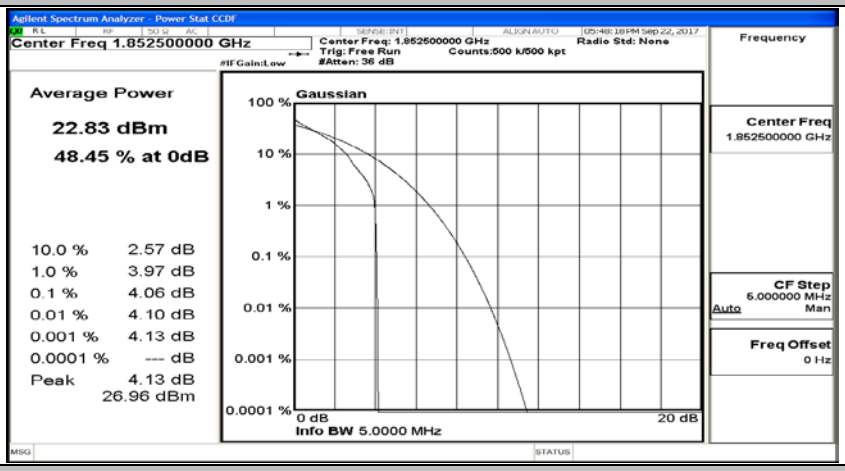
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



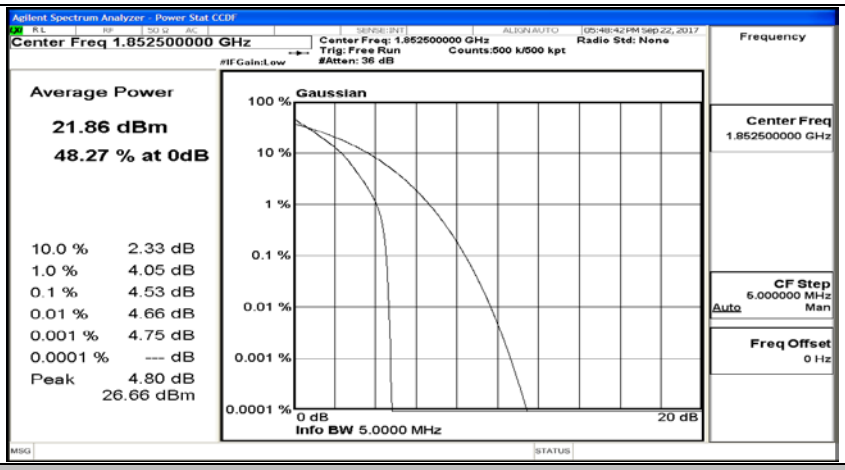
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



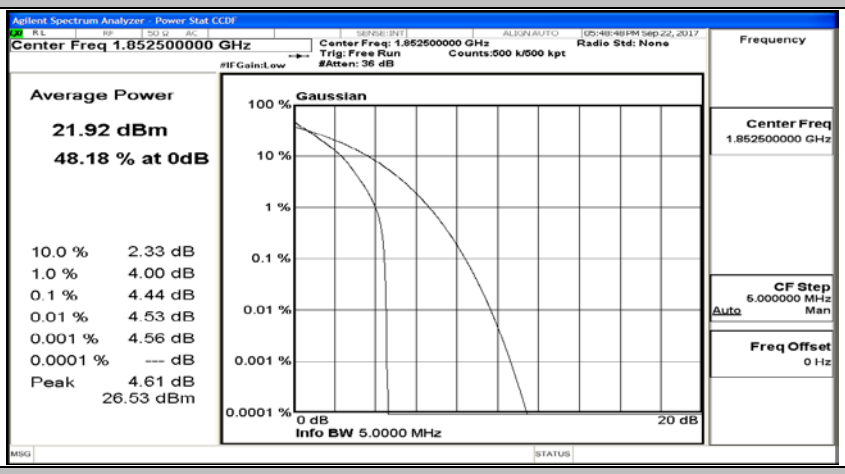
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



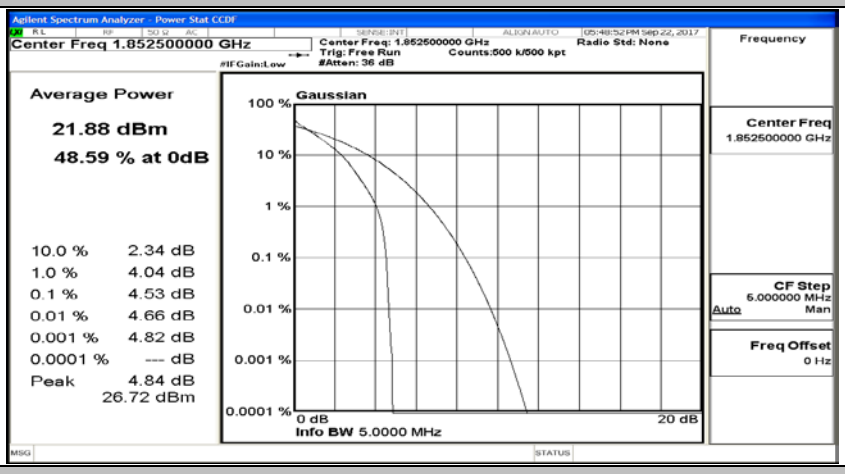
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



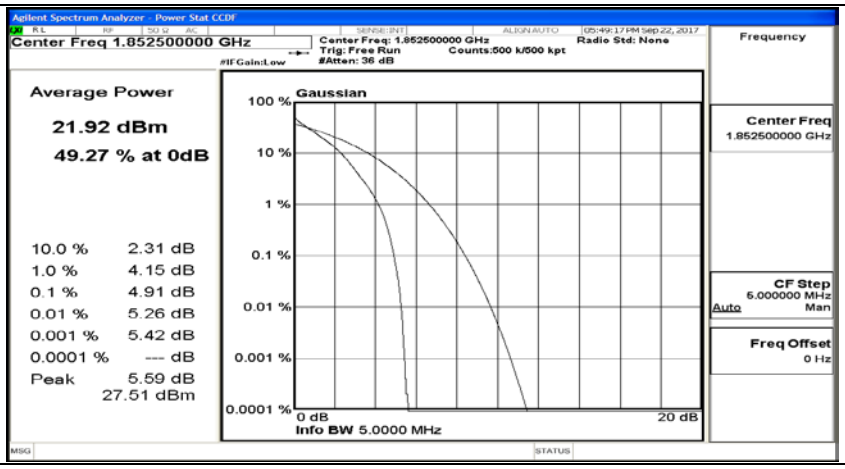
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



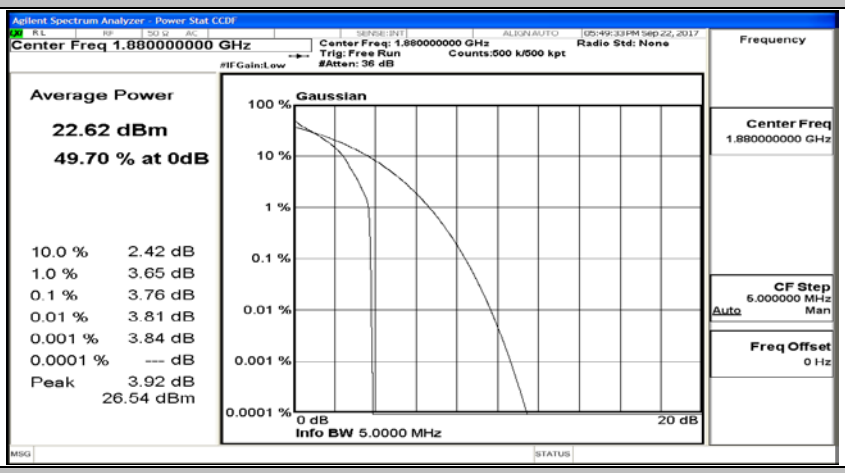
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



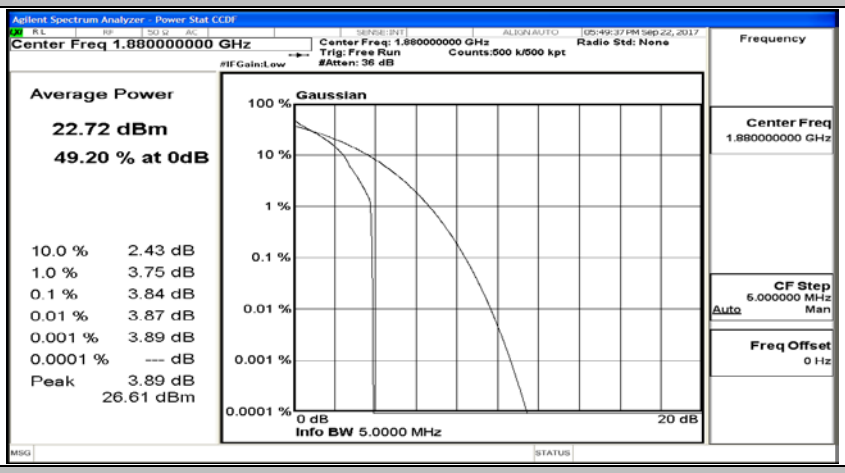
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



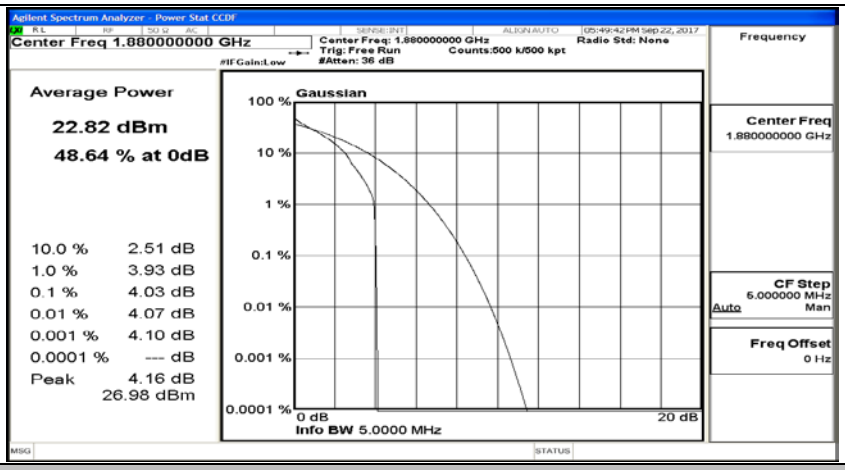
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



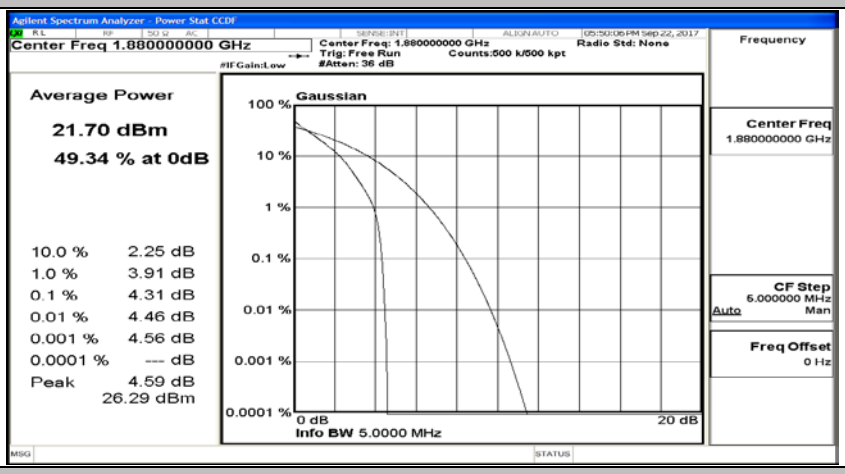
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



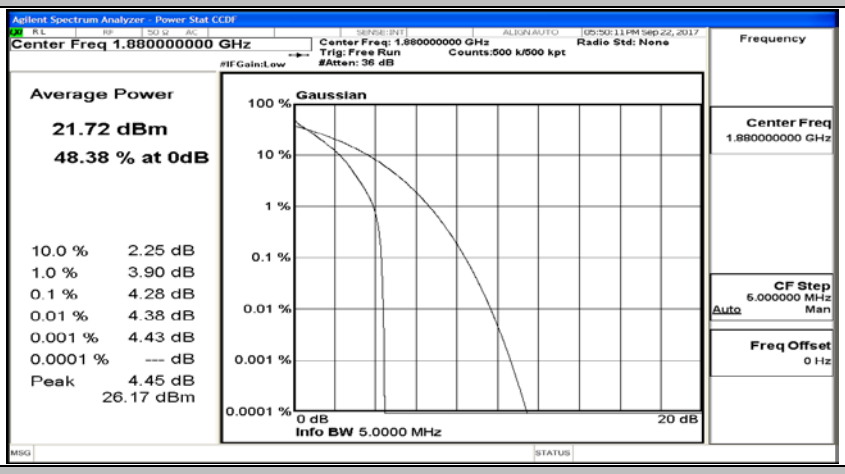
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



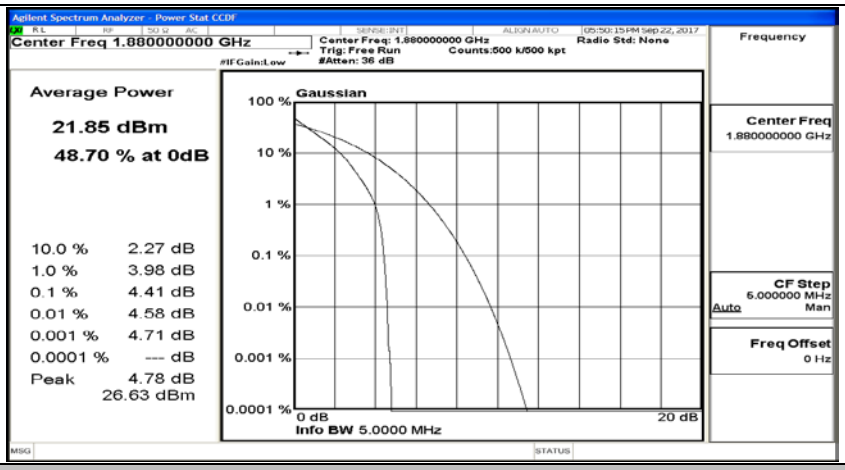
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



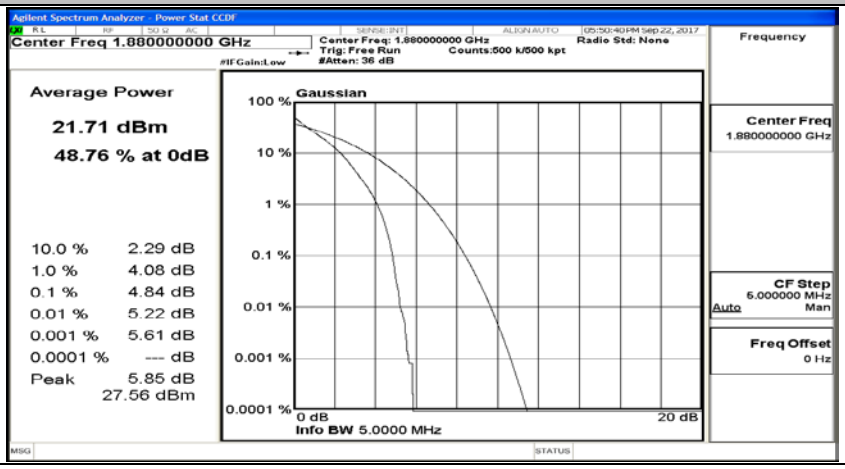
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



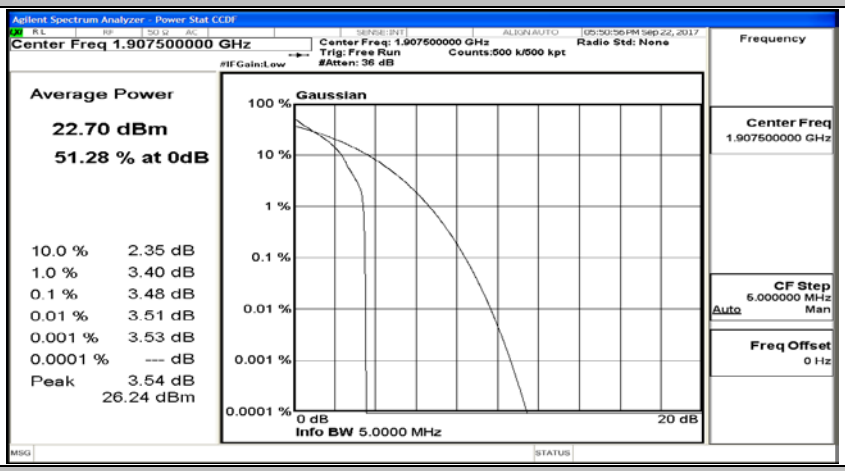
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12