

G.2: 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	3.5	<13	PASS
		1	3	3.43	<13	PASS
		1	5	3.59	<13	PASS
		3	0	3.72	<13	PASS
		3	2	3.71	<13	PASS
		3	3	3.83	<13	PASS
		6	0	4.91	<13	PASS
	MCH	1	0	4.27	<13	PASS
		1	3	4.09	<13	PASS
		1	5	4.08	<13	PASS
		3	0	4.45	<13	PASS
		3	2	4.34	<13	PASS
		3	3	4.34	<13	PASS
		6	0	5.41	<13	PASS
	HCH	1	0	3.46	<13	PASS
		1	3	3.39	<13	PASS
		1	5	3.46	<13	PASS
		3	0	3.68	<13	PASS
		3	2	3.6	<13	PASS
		3	3	3.67	<13	PASS
		6	0	4.79	<13	PASS
16QAM	LCH	1	0	4.3	<13	PASS
		1	3	4.3	<13	PASS
		1	5	4.41	<13	PASS
		3	0	4.54	<13	PASS
		3	2	4.49	<13	PASS
		3	3	4.6	<13	PASS
		6	0	5.84	<13	PASS
	MCH	1	0	5.15	<13	PASS
		1	3	4.81	<13	PASS
		1	5	4.97	<13	PASS
		3	0	5.39	<13	PASS
		3	2	5.24	<13	PASS
		3	3	5.24	<13	PASS
		6	0	6.2	<13	PASS

	HCH	1	0	4.27	<13	PASS
		1	3	4.22	<13	PASS
		1	5	4.28	<13	PASS
		3	0	4.39	<13	PASS
		3	2	4.36	<13	PASS
		3	3	4.38	<13	PASS
		6	0	5.65	<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	3.39	<13	PASS
		1	7	3.5	<13	PASS
		1	14	4.43	<13	PASS
		8	0	4.68	<13	PASS
		8	4	4.92	<13	PASS
		8	7	5.08	<13	PASS
		15	0	5.14	<13	PASS
	MCH	1	0	4.56	<13	PASS
		1	7	3.74	<13	PASS
		1	14	3.98	<13	PASS
		8	0	5.01	<13	PASS
		8	4	5.02	<13	PASS
		8	7	5.03	<13	PASS
		15	0	5.28	<13	PASS
	HCH	1	0	3.83	<13	PASS
		1	7	3.26	<13	PASS
		1	14	3.35	<13	PASS
		8	0	4.76	<13	PASS
		8	4	4.45	<13	PASS
		8	7	4.45	<13	PASS
		15	0	4.87	<13	PASS
16QAM	LCH	1	0	4.16	<13	PASS
		1	7	4.39	<13	PASS
		1	14	5.12	<13	PASS
		8	0	5.66	<13	PASS
		8	4	5.86	<13	PASS
		8	7	5.94	<13	PASS
		15	0	6.06	<13	PASS
	MCH	1	0	5.26	<13	PASS
		1	7	4.88	<13	PASS
		1	14	4.58	<13	PASS
		8	0	5.86	<13	PASS
		8	4	5.87	<13	PASS
		8	7	5.88	<13	PASS
		15	0	6.24	<13	PASS
	HCH	1	0	4.72	<13	PASS
		1	7	4.08	<13	PASS
		1	14	4.16	<13	PASS

		8	0	5.75	<13	PASS
		8	4	5.42	<13	PASS
		8	7	5.38	<13	PASS
		15	0	5.8	<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	3.56	<13	PASS
		1	12	4.42	<13	PASS
		1	24	3.92	<13	PASS
		12	0	4.87	<13	PASS
		12	6	4.94	<13	PASS
		12	13	4.74	<13	PASS
		25	0	5.35	<13	PASS
	MCH	1	0	4.7	<13	PASS
		1	12	4.33	<13	PASS
		1	24	3.91	<13	PASS
		12	0	4.64	<13	PASS
		12	6	4.92	<13	PASS
		12	13	4.95	<13	PASS
		25	0	5.23	<13	PASS
	HCH	1	0	4.5	<13	PASS
		1	12	3.85	<13	PASS
		1	24	3.34	<13	PASS
		12	0	5.09	<13	PASS
		12	6	4.93	<13	PASS
		12	13	4.54	<13	PASS
		25	0	5.14	<13	PASS
16QAM	LCH	1	0	4.38	<13	PASS
		1	12	5.11	<13	PASS
		1	24	4.56	<13	PASS
		12	0	5.78	<13	PASS
		12	6	5.85	<13	PASS
		12	13	5.66	<13	PASS
		25	0	6.15	<13	PASS
	MCH	1	0	5.43	<13	PASS
		1	12	4.98	<13	PASS
		1	24	4.95	<13	PASS
		12	0	5.55	<13	PASS
		12	6	5.81	<13	PASS
		12	13	5.79	<13	PASS
		25	0	6.06	<13	PASS
	HCH	1	0	5.43	<13	PASS
		1	12	4.53	<13	PASS
		1	24	4.05	<13	PASS

		12	0	6.04	<13	PASS
		12	6	5.85	<13	PASS
		12	13	5.57	<13	PASS
		25	0	6.06	<13	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.55	<13	PASS
		1	24	3.76	<13	PASS
		1	49	3.67	<13	PASS
		25	0	5.01	<13	PASS
		25	12	4.84	<13	PASS
		25	25	4.89	<13	PASS
		50	0	4.87	<13	PASS
	MCH	1	0	3.64	<13	PASS
		1	24	4.27	<13	PASS
		1	49	4.07	<13	PASS
		25	0	4.69	<13	PASS
		25	12	4.95	<13	PASS
		25	25	4.95	<13	PASS
		50	0	5.16	<13	PASS
	HCH	1	0	3.39	<13	PASS
		1	24	4.41	<13	PASS
		1	49	3.36	<13	PASS
		25	0	5.02	<13	PASS
		25	12	4.99	<13	PASS
		25	25	4.96	<13	PASS
		50	0	5.11	<13	PASS
16QAM	LCH	1	0	4.2	<13	PASS
		1	24	5.51	<13	PASS
		1	49	5.44	<13	PASS
		25	0	5.95	<13	PASS
		25	12	5.81	<13	PASS
		25	25	5.82	<13	PASS
		50	0	5.8	<13	PASS
	MCH	1	0	5.29	<13	PASS
		1	24	4.86	<13	PASS
		1	49	4.48	<13	PASS
		25	0	5.62	<13	PASS
		25	12	5.87	<13	PASS

		25	25	5.85	<13	PASS
		50	0	6.03	<13	PASS
	HCH	1	0	4.25	<13	PASS
		1	24	4.81	<13	PASS
		1	49	4.25	<13	PASS
		25	0	5.91	<13	PASS
		25	12	5.93	<13	PASS
		25	25	5.9	<13	PASS
		50	0	6.03	<13	PASS

Channel Bandwidth: 15 MHz

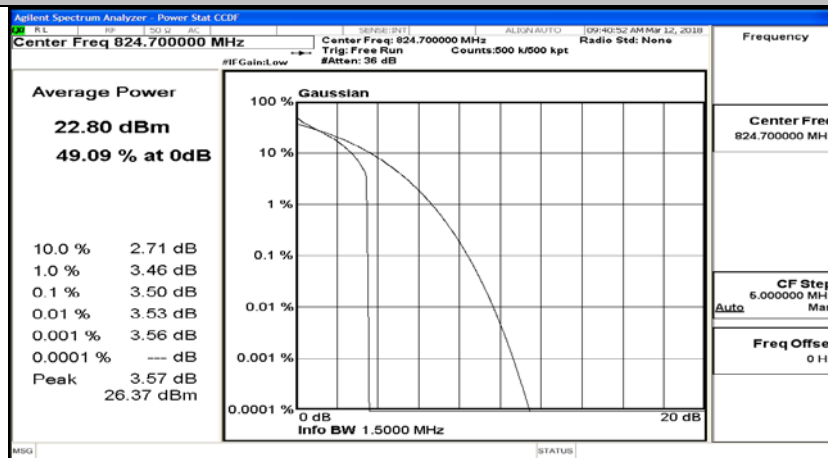
Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.22	<13	PASS
		1	37	3.8	<13	PASS
		1	74	5.5	<13	PASS
		37	0	4.85	<13	PASS
		37	18	4.97	<13	PASS
		37	38	4.83	<13	PASS
		75	0	4.96	<13	PASS
	MCH	1	0	5.29	<13	PASS
		1	37	4.45	<13	PASS
		1	74	5.03	<13	PASS
		37	0	4.64	<13	PASS
		37	18	5.08	<13	PASS
		37	38	4.78	<13	PASS
		75	0	4.85	<13	PASS
	HCH	1	0	5.4	<13	PASS
		1	37	4.22	<13	PASS
		1	74	4.77	<13	PASS
		37	0	4.68	<13	PASS
		37	18	8.58	<13	PASS
		37	38	4.97	<13	PASS
		75	0	5.13	<13	PASS
16QAM	LCH	1	0	5.92	<13	PASS
		1	37	5.67	<13	PASS
		1	74	6.04	<13	PASS
		37	0	6.14	<13	PASS
		37	18	5.91	<13	PASS
		37	38	6.11	<13	PASS
		75	0	6.31	<13	PASS
	MCH	1	0	5.89	<13	PASS
		1	37	5.19	<13	PASS
		1	74	6.08	<13	PASS
		37	0	5.92	<13	PASS
		37	18	5.93	<13	PASS
		37	38	5.9	<13	PASS
		75	0	6.1	<13	PASS
	HCH	1	0	6.22	<13	PASS
		1	37	4.88	<13	PASS
		1	74	5.58	<13	PASS

		37	0	5.87	<13	PASS
		37	18	6.02	<13	PASS
		37	38	6.24	<13	PASS
		75	0	6.39	<13	PASS

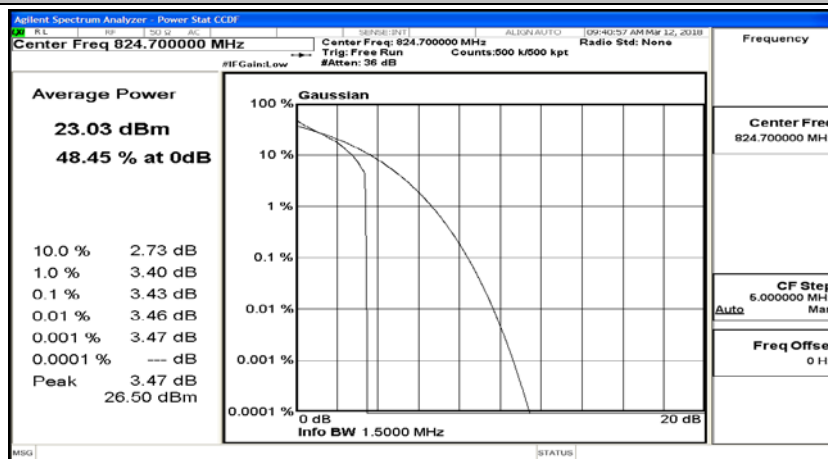
Test Graphs

Channel Bandwidth: 1.4 MHz

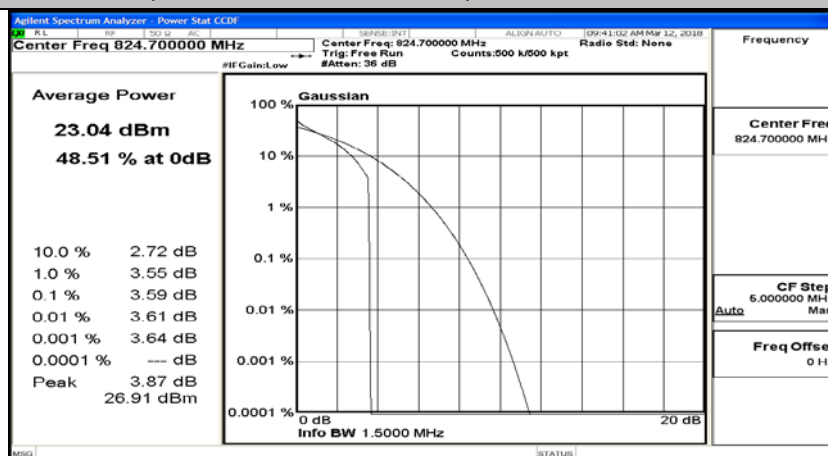
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



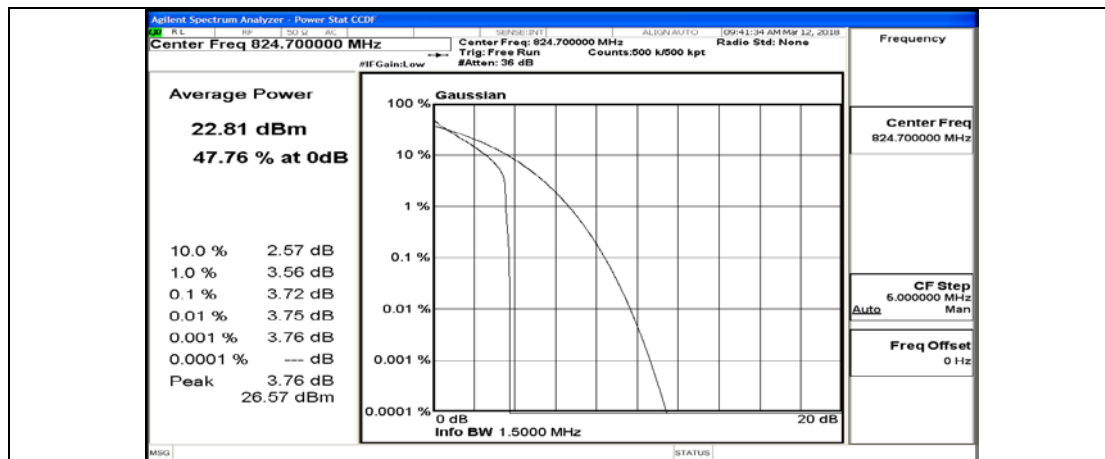
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3



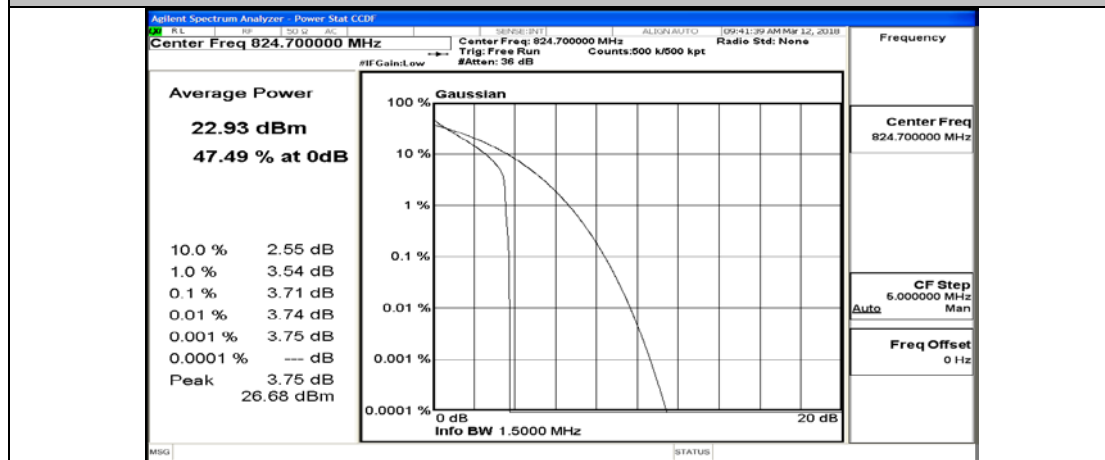
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



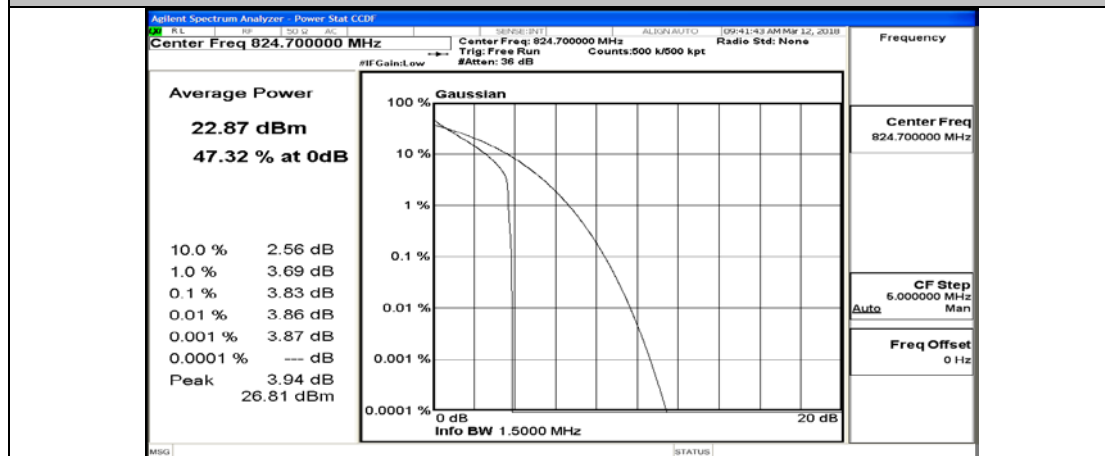
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0



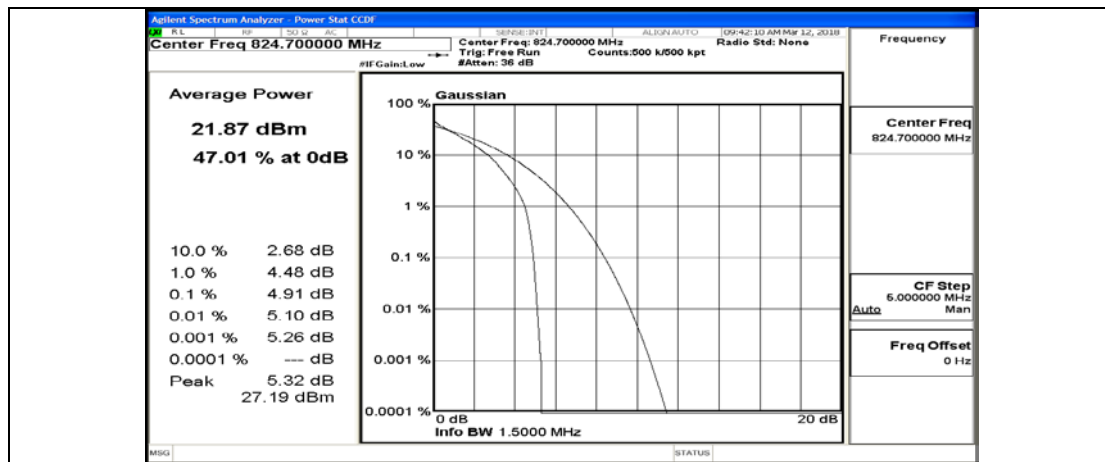
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



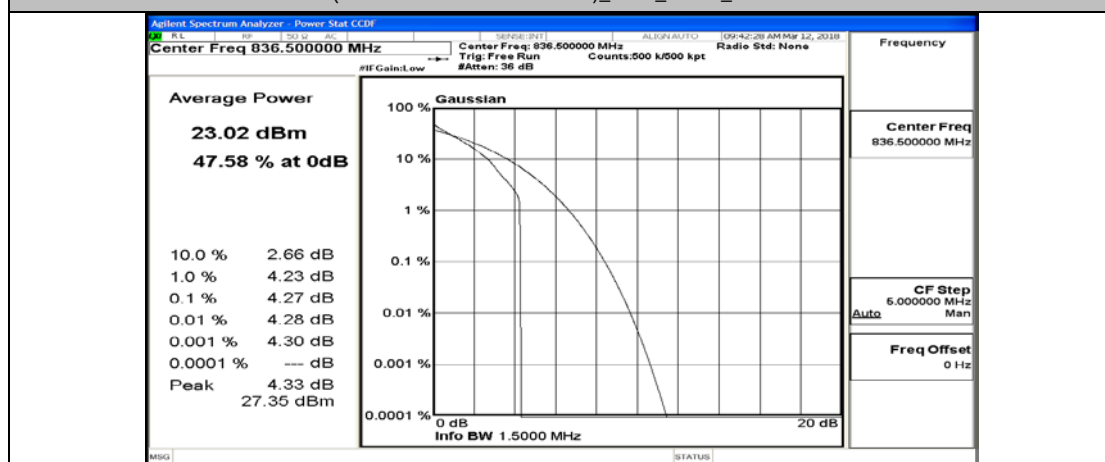
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



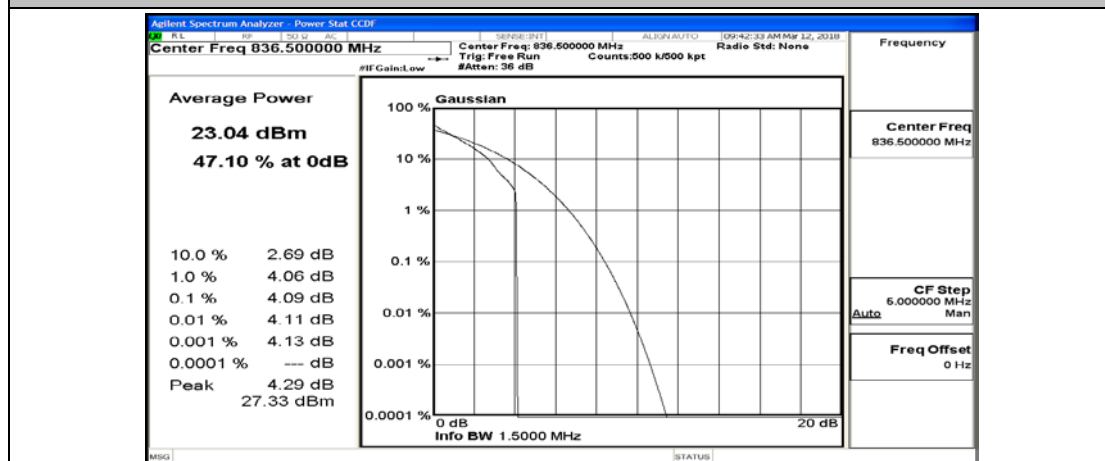
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



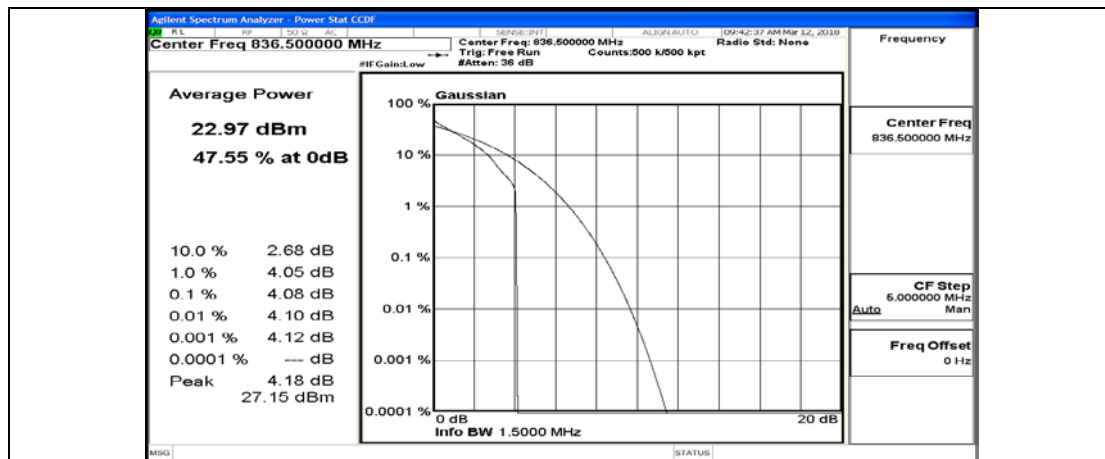
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



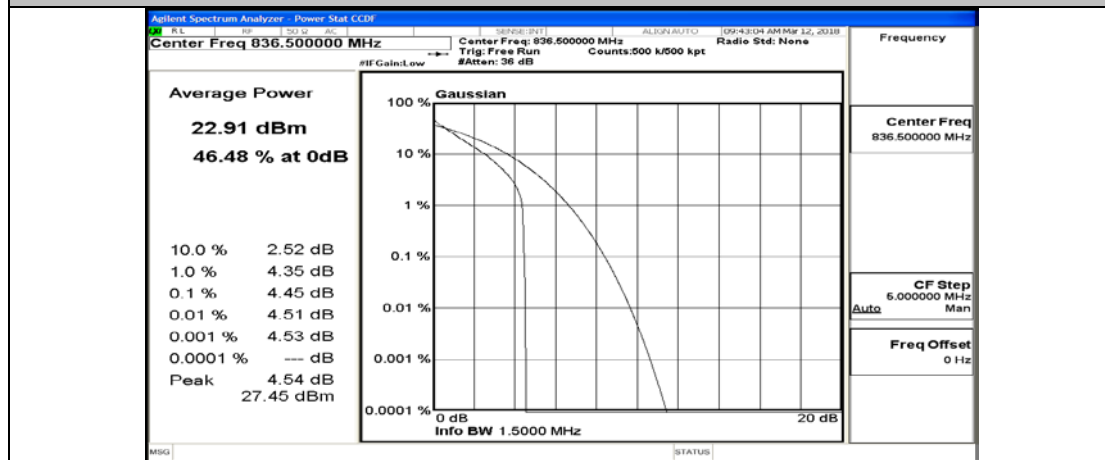
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



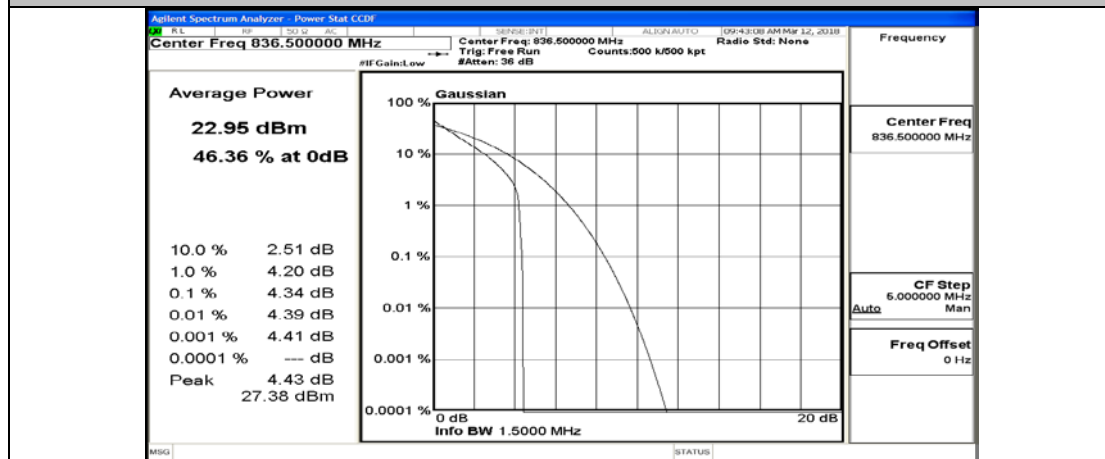
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



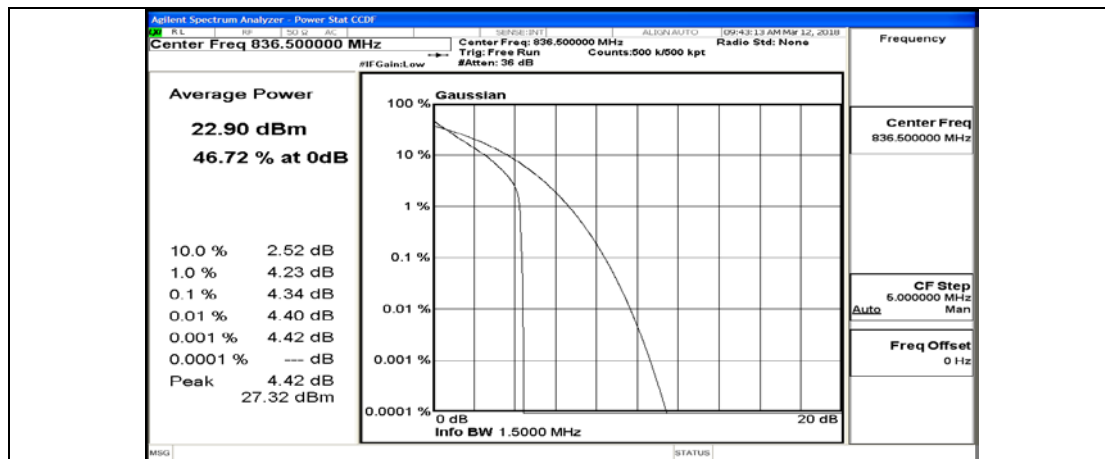
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



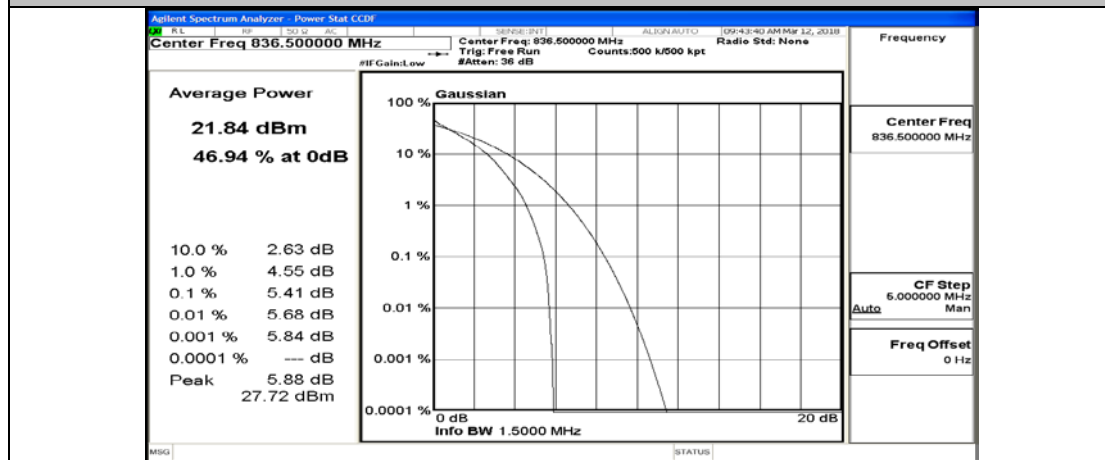
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



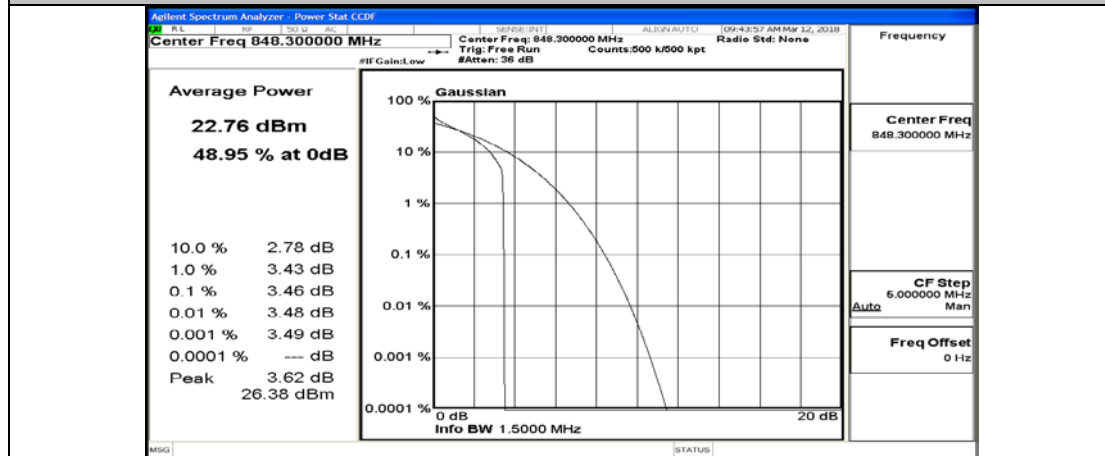
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



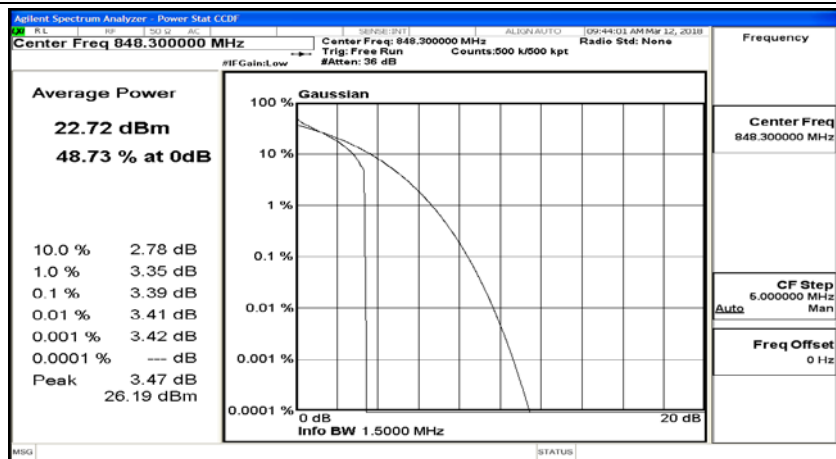
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



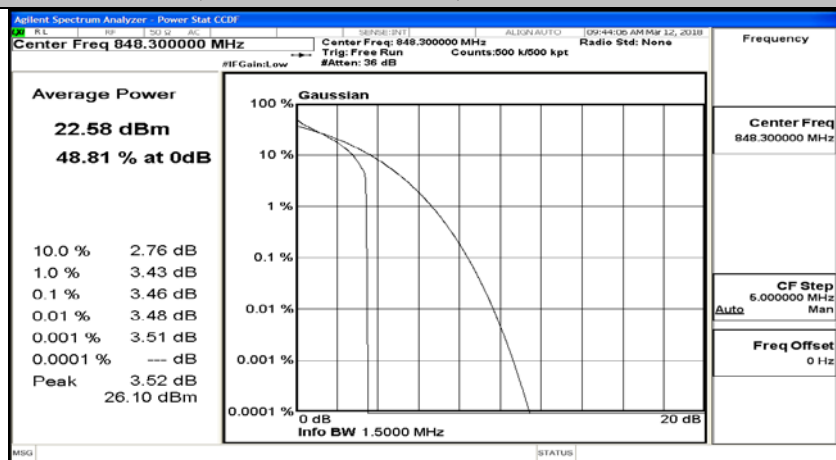
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



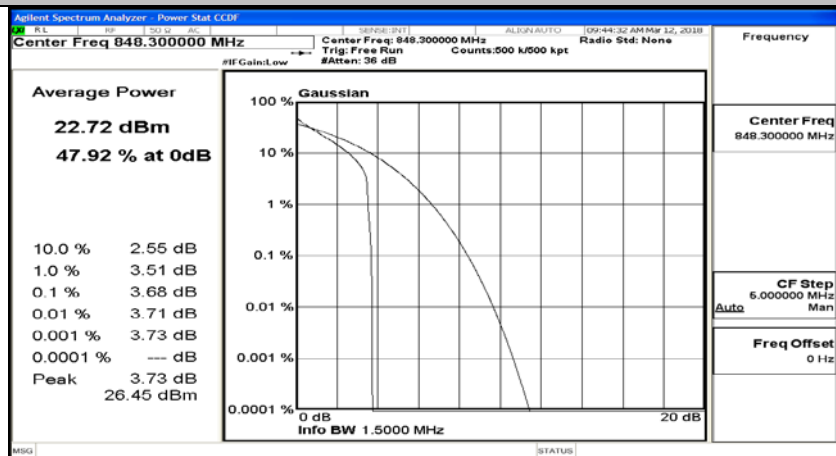
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



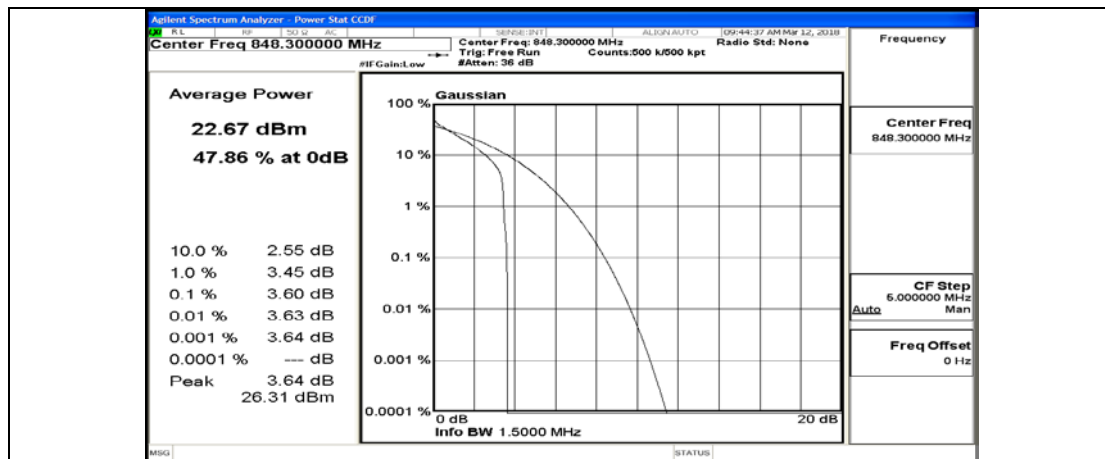
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



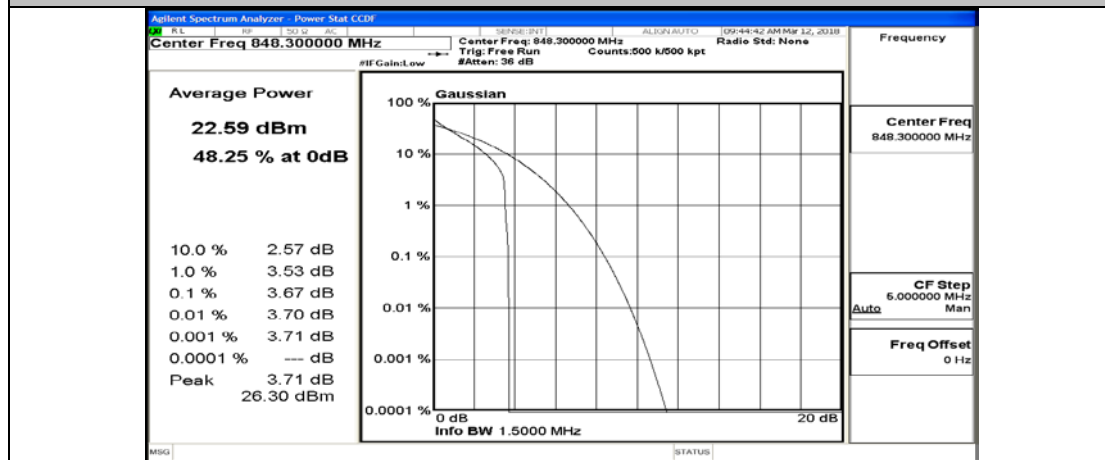
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



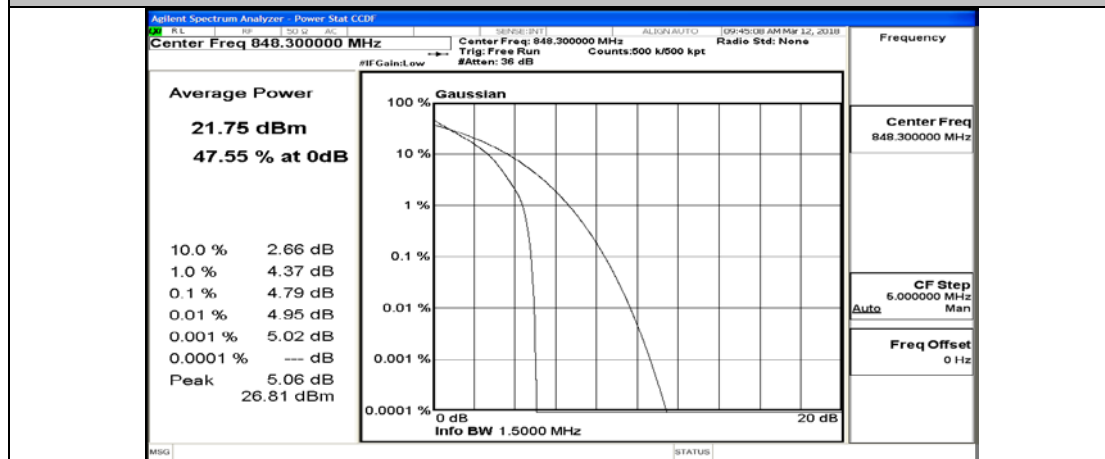
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



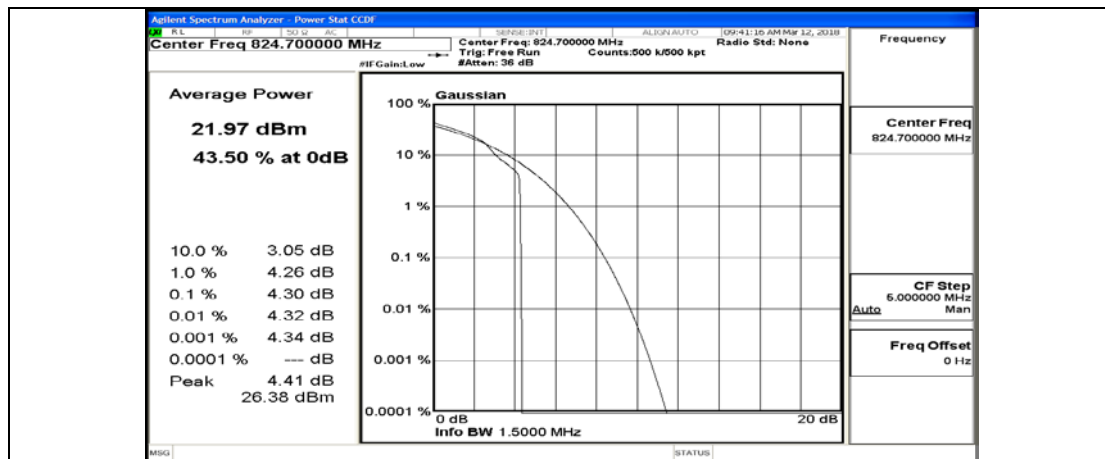
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



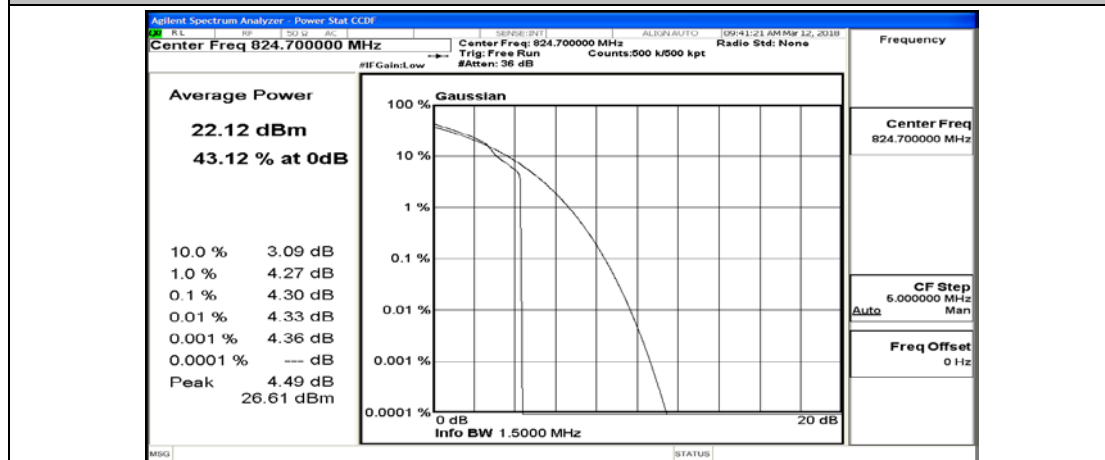
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



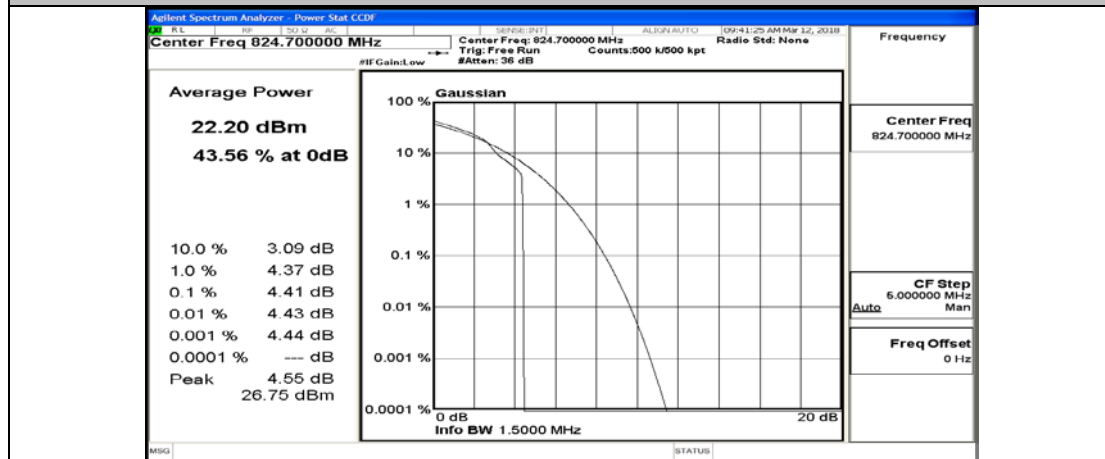
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



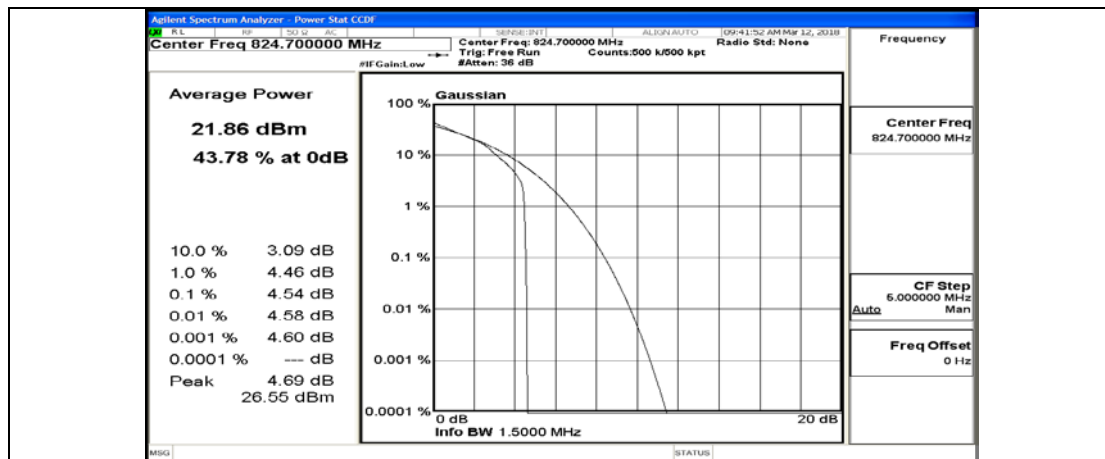
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



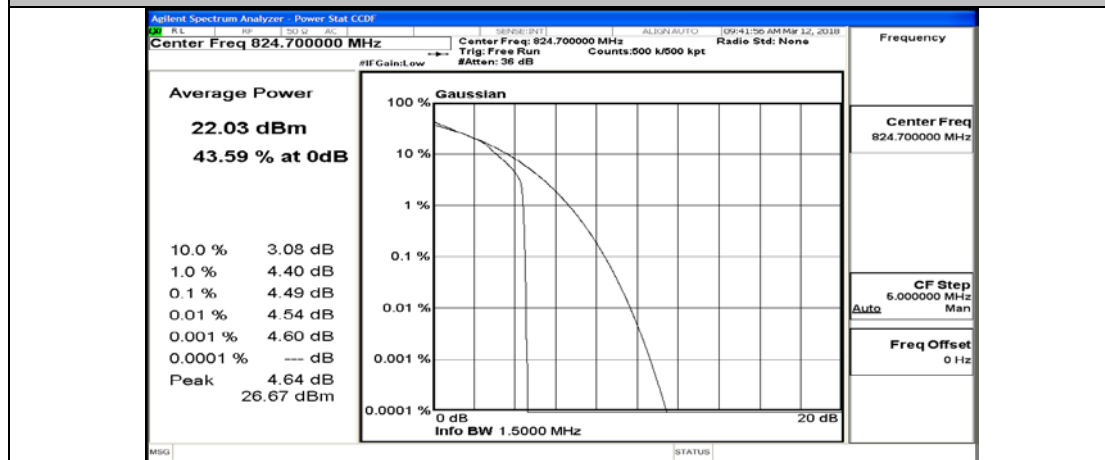
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



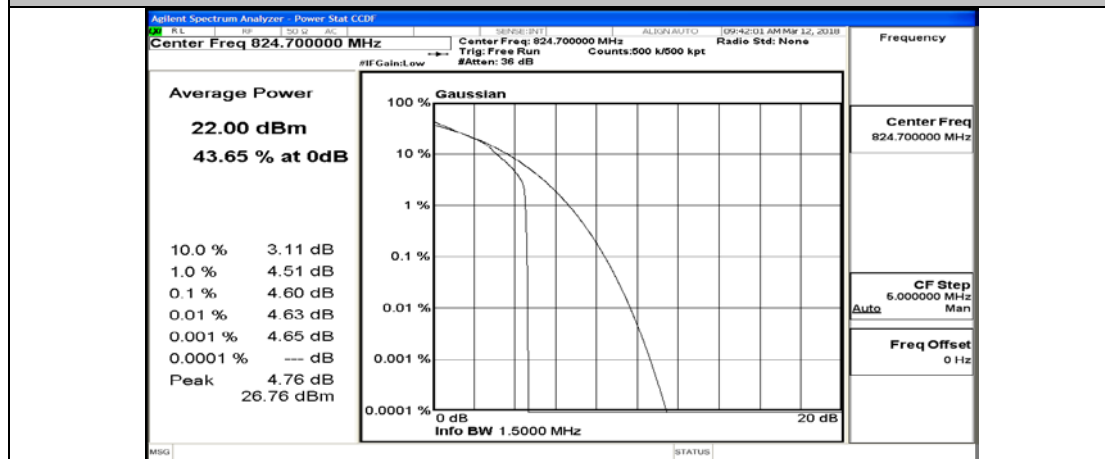
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



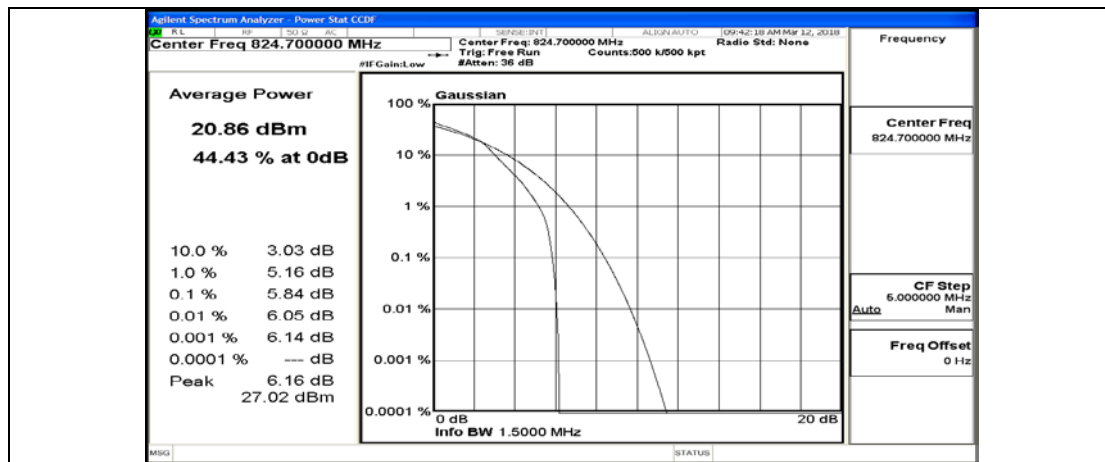
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



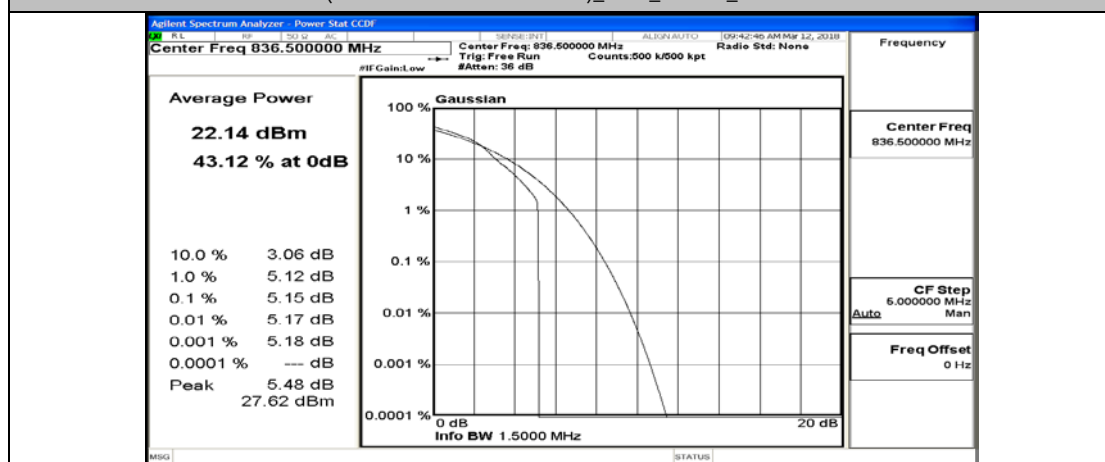
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



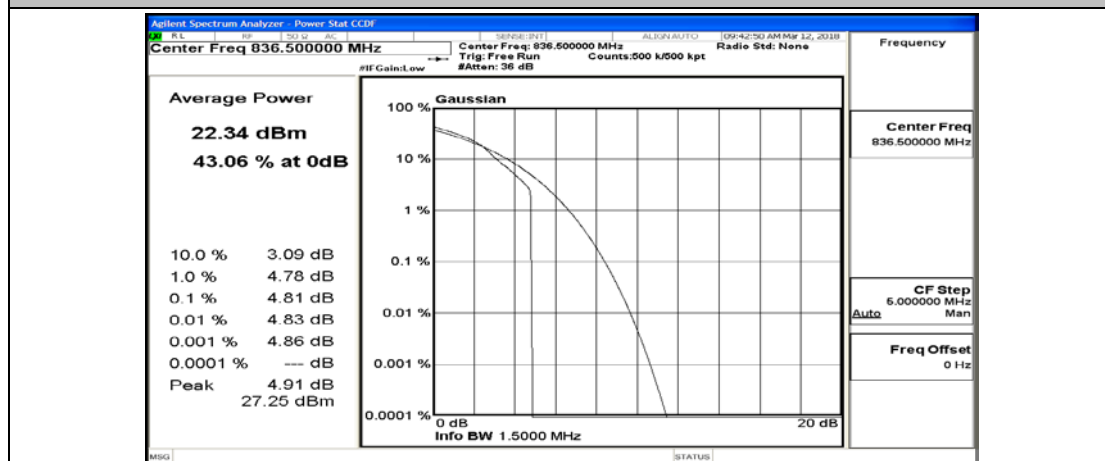
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



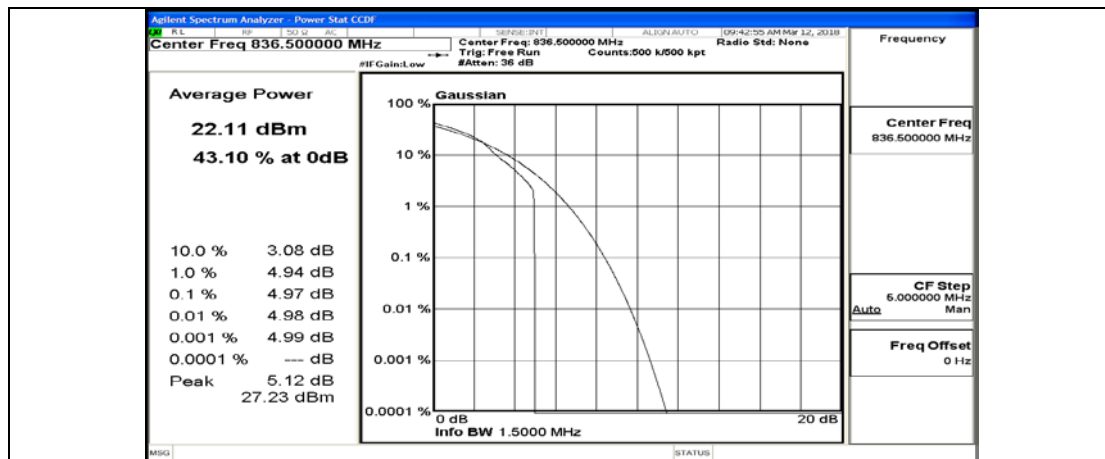
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



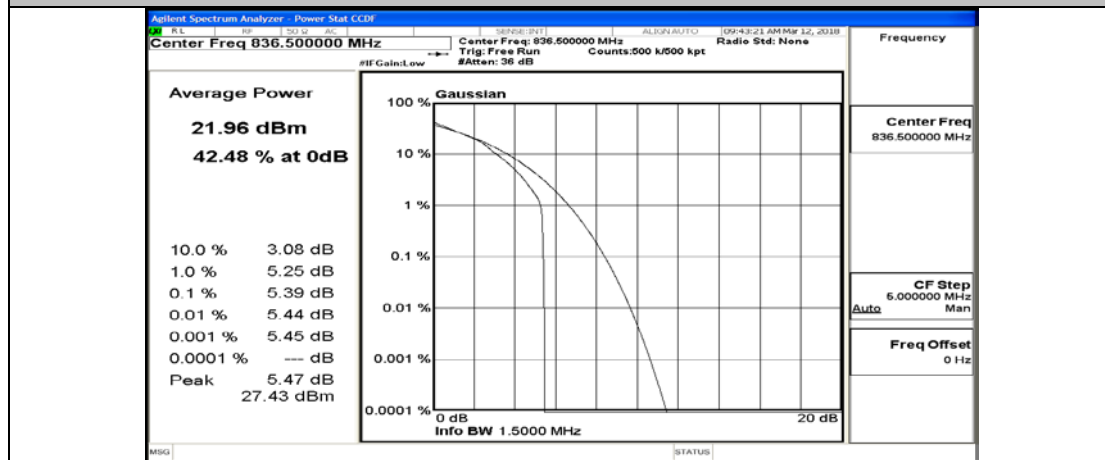
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



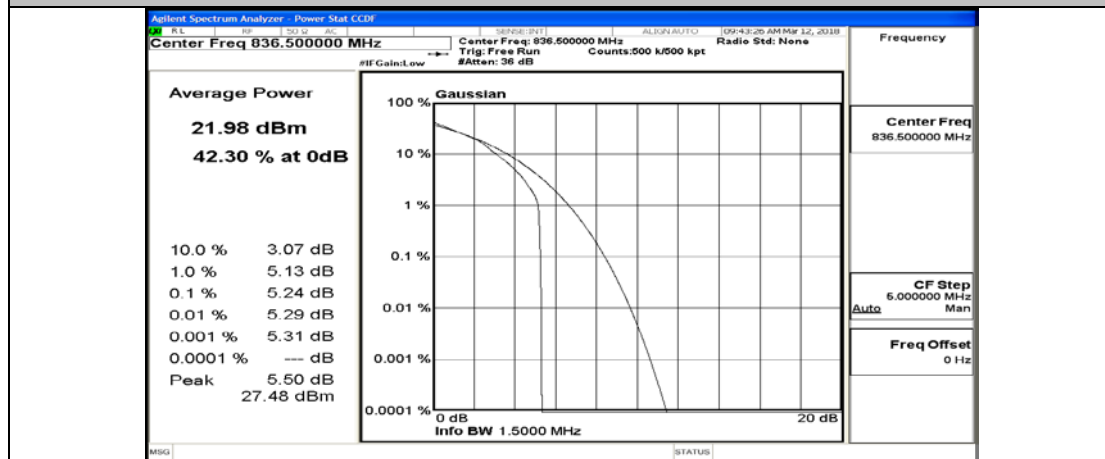
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



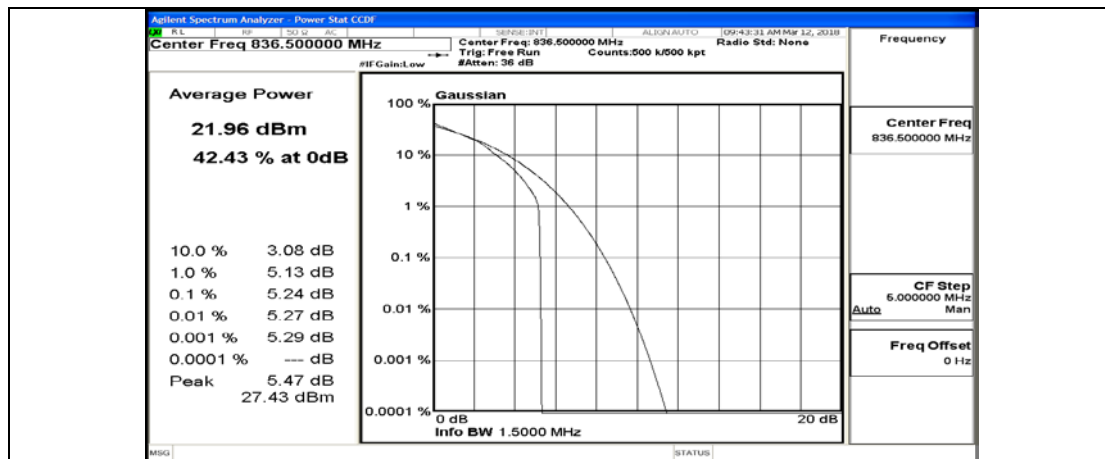
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



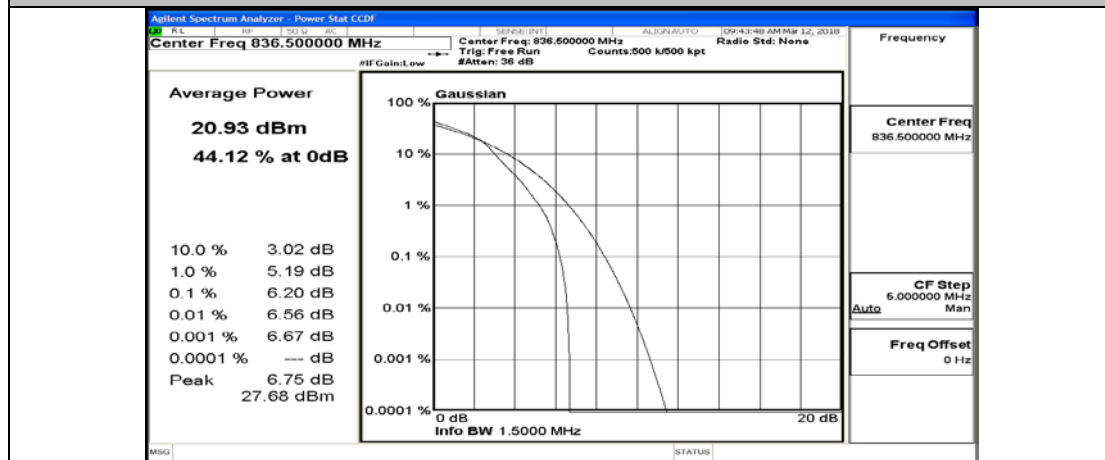
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



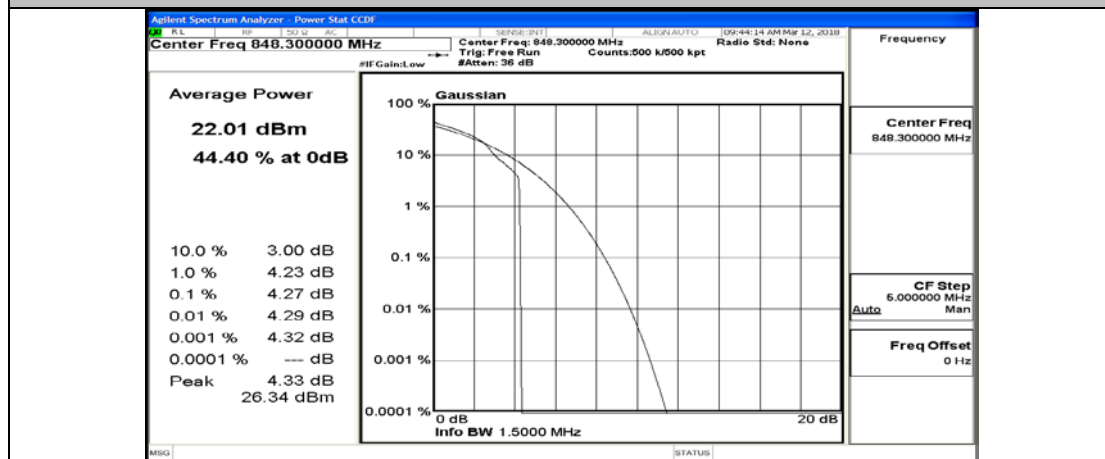
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



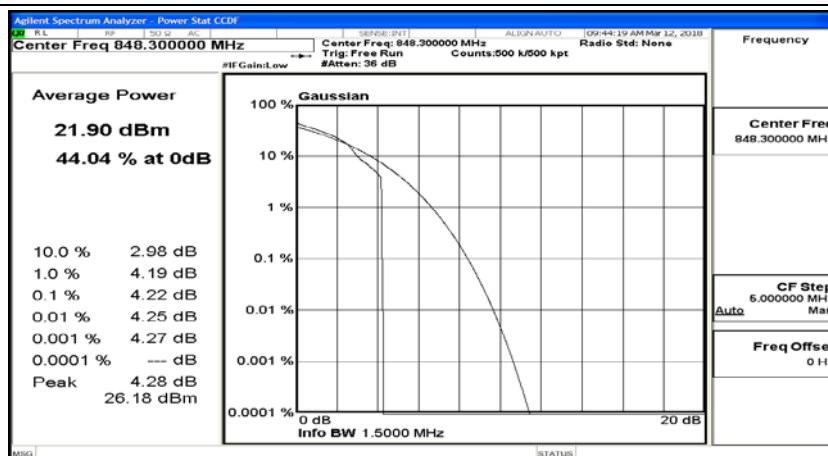
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



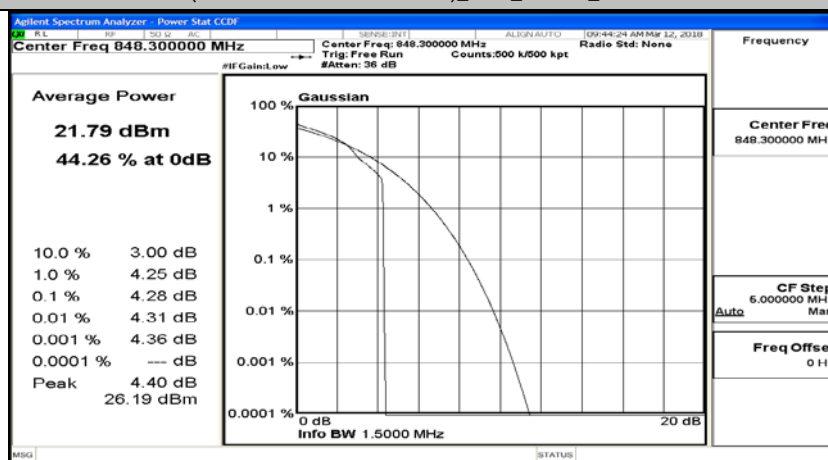
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



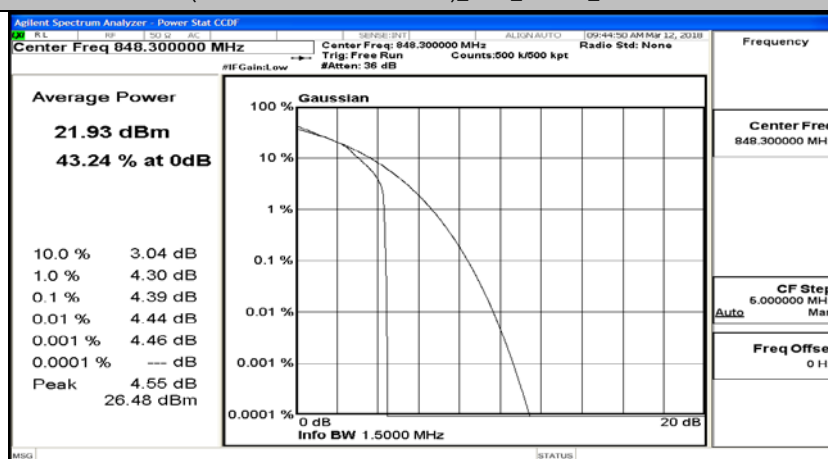
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



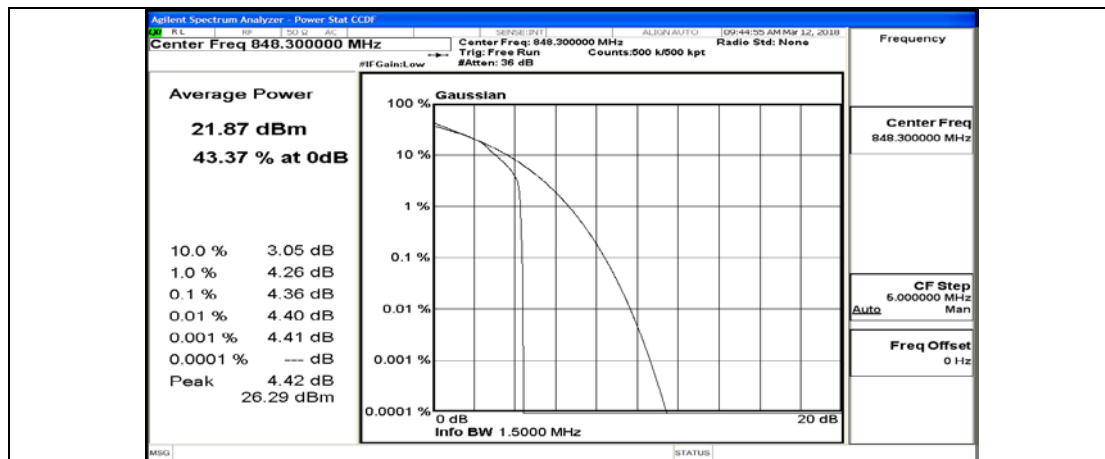
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



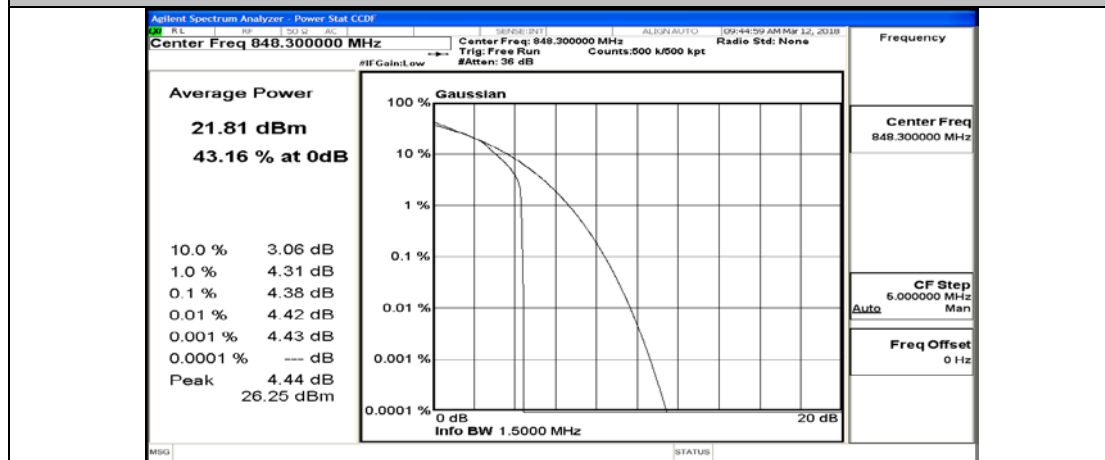
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



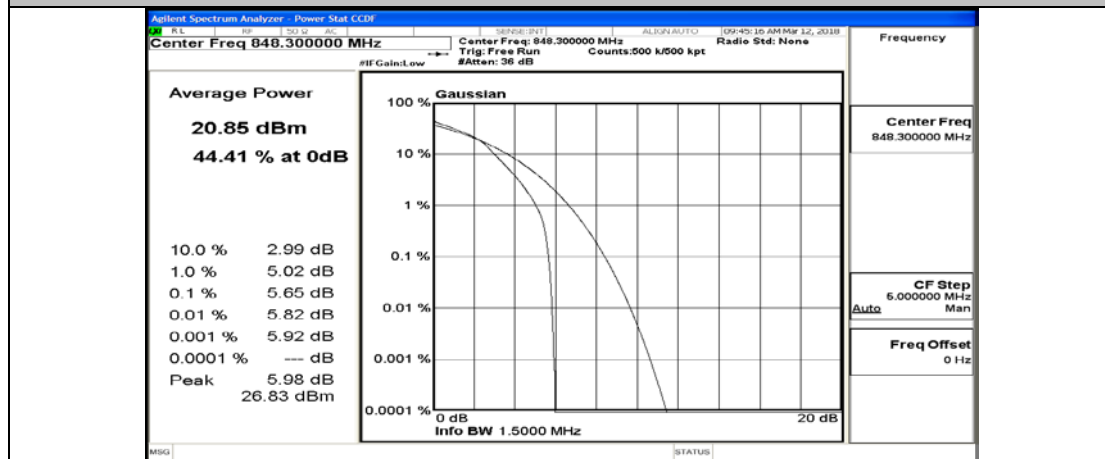
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



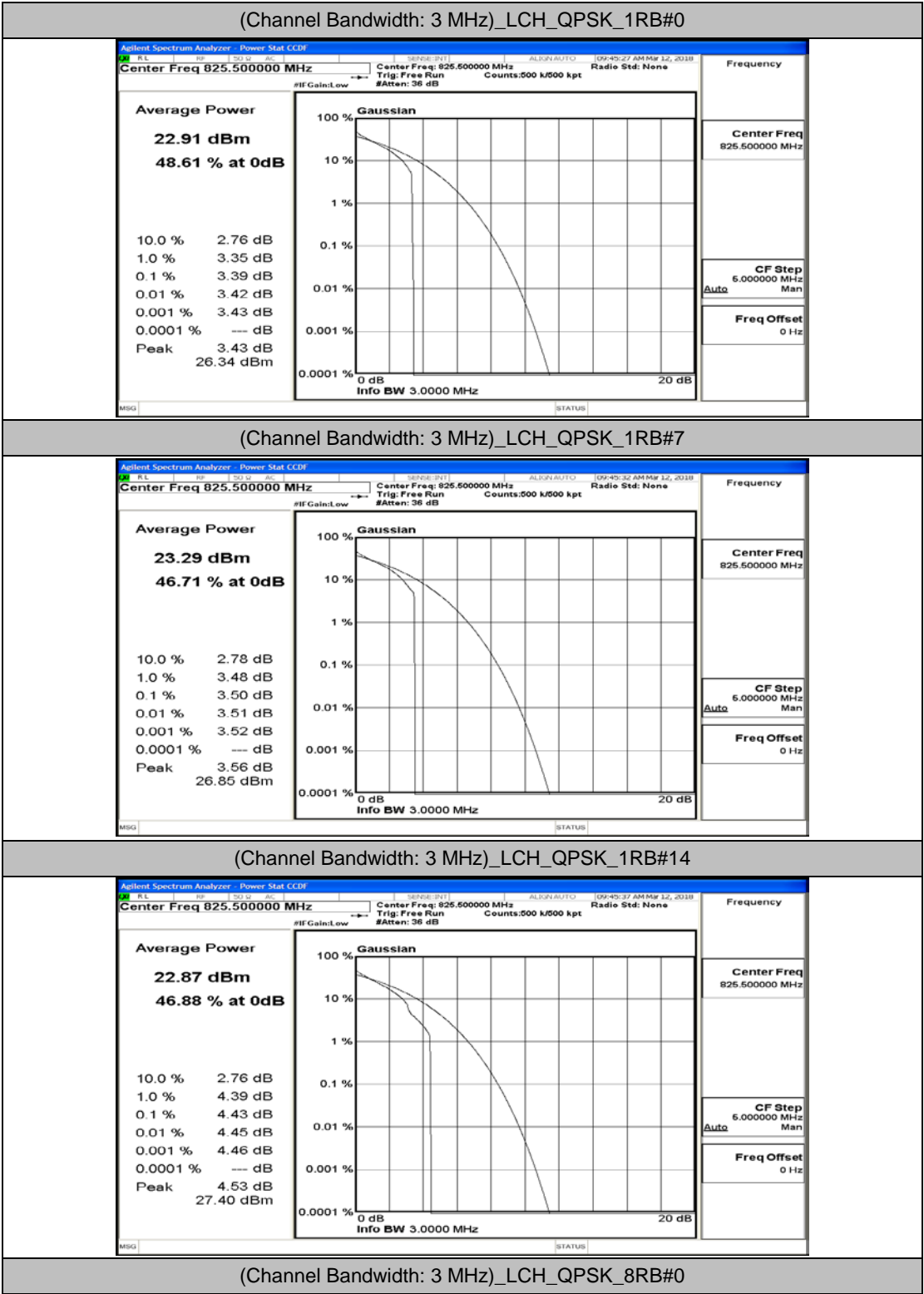
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

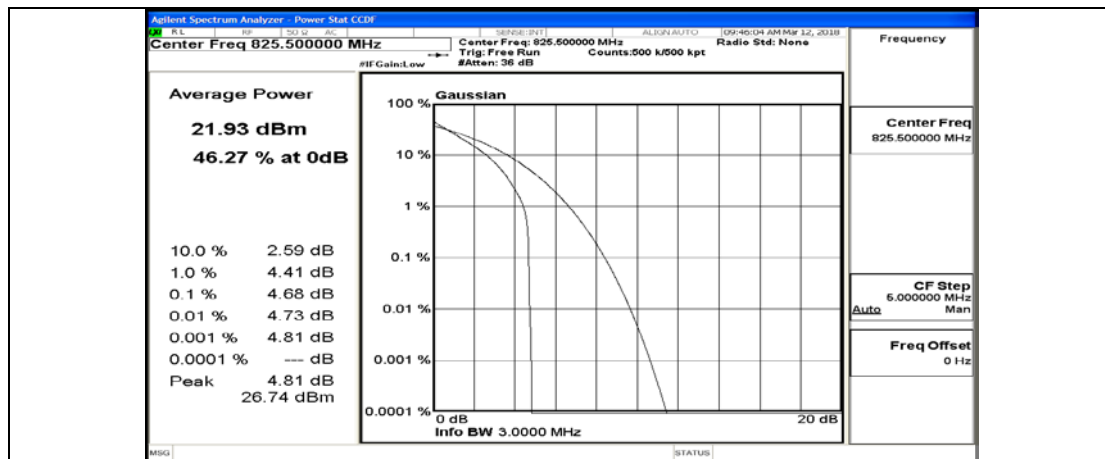


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

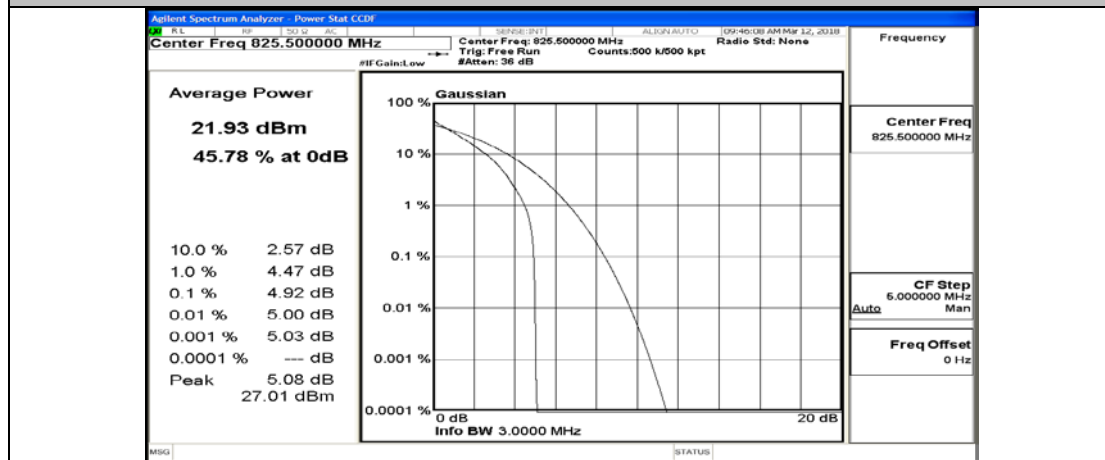


Channel Bandwidth: 3 MHz

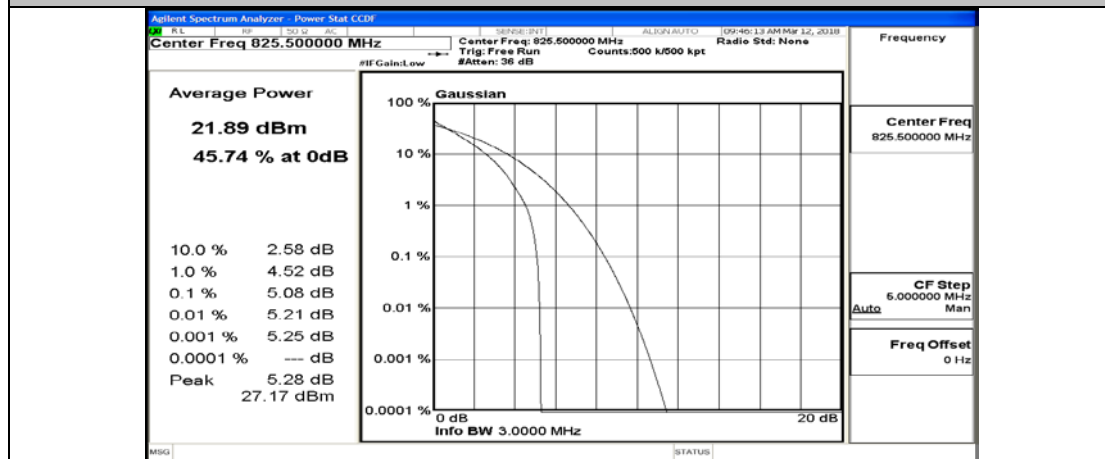




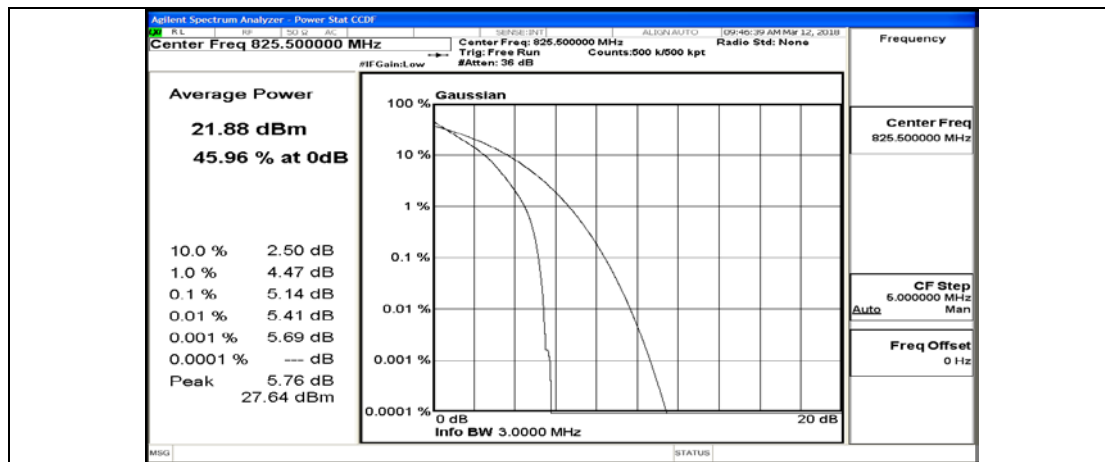
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4



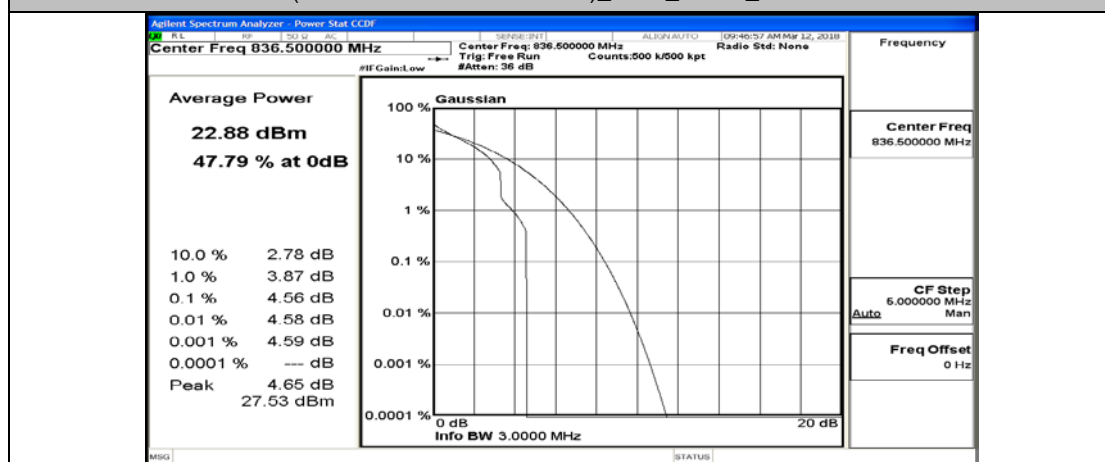
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



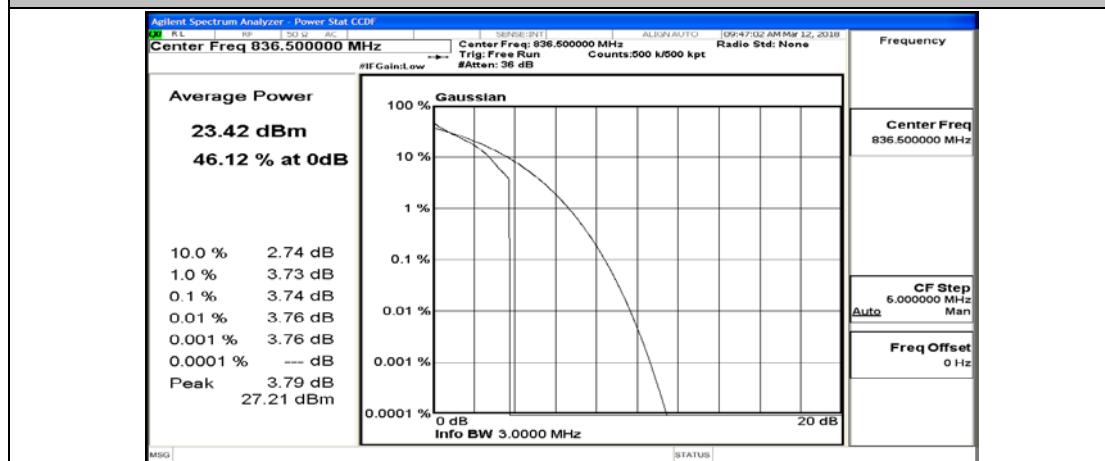
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



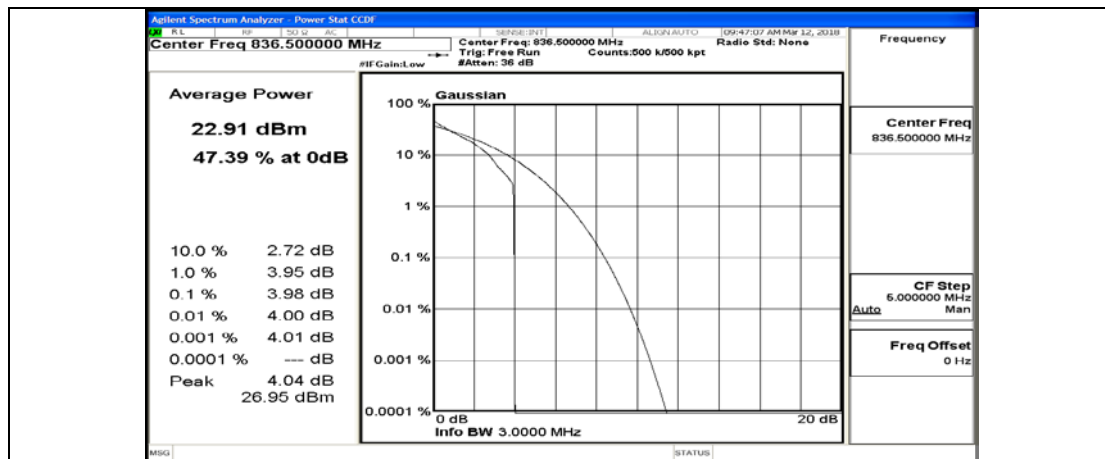
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



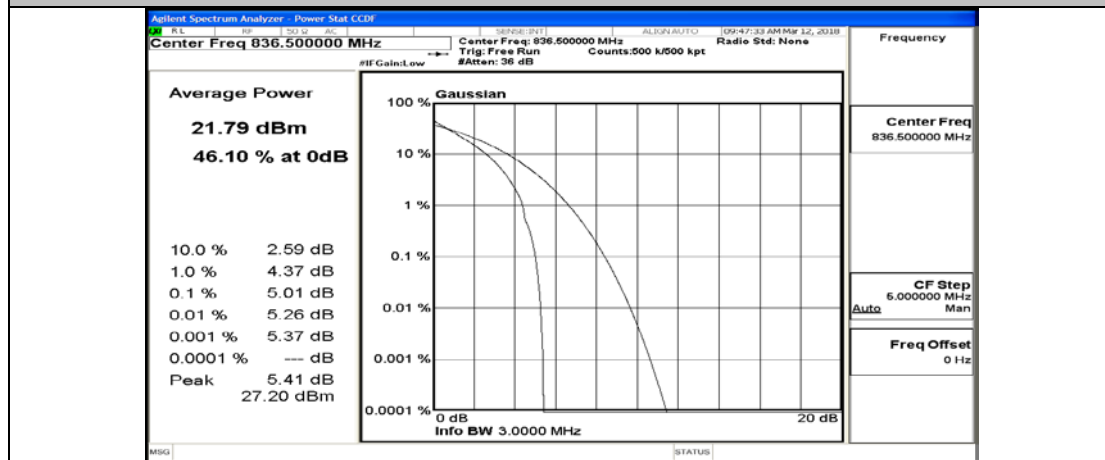
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7



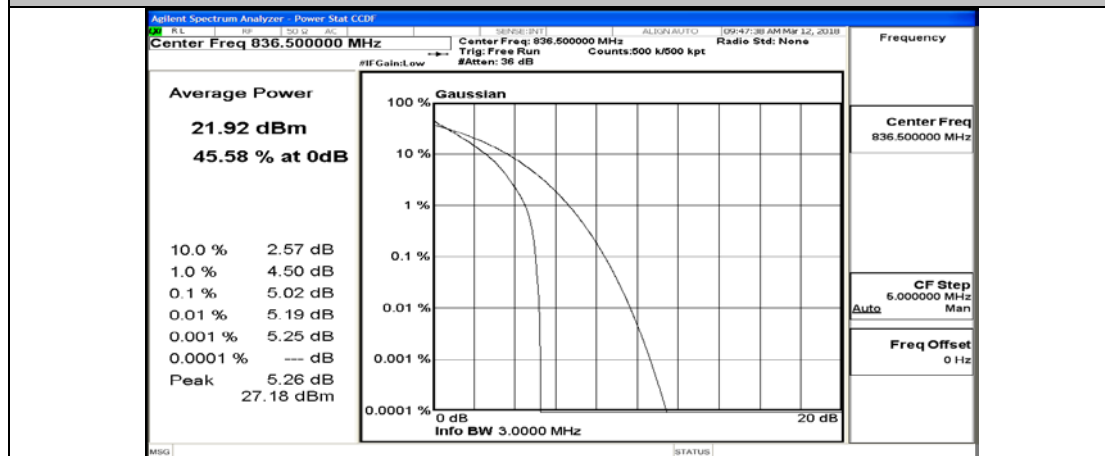
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



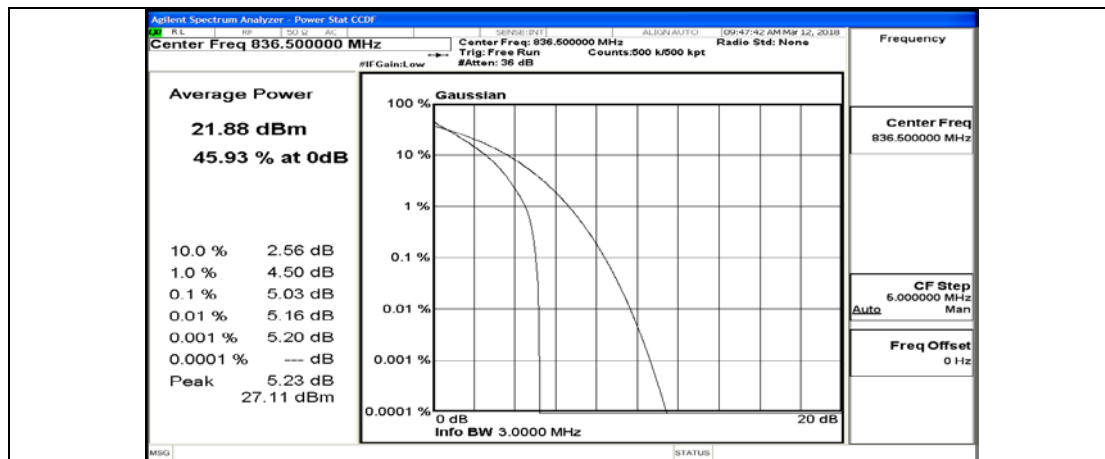
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#0



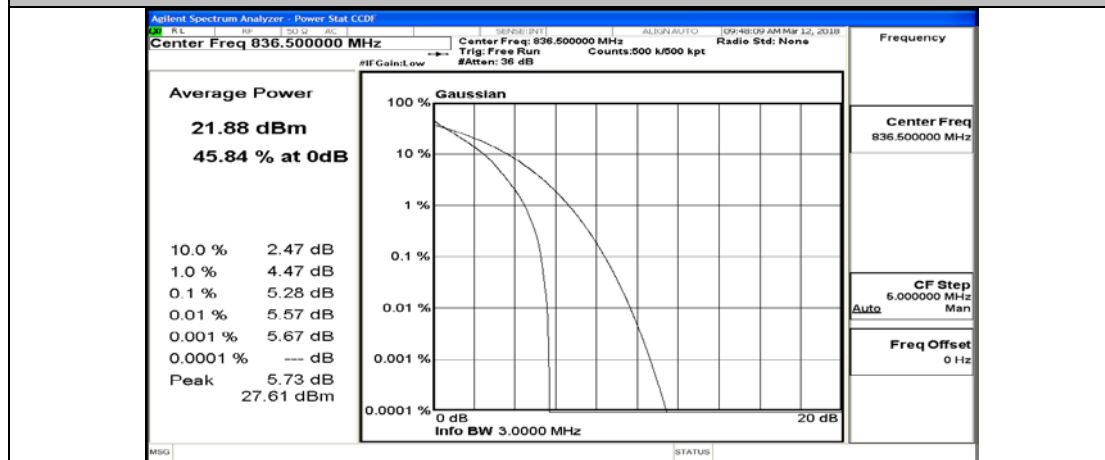
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#4



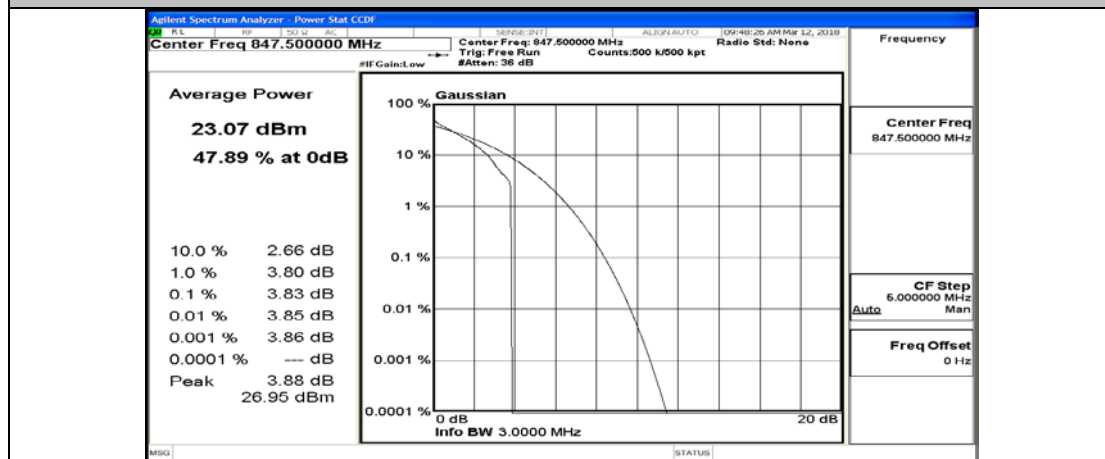
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#7



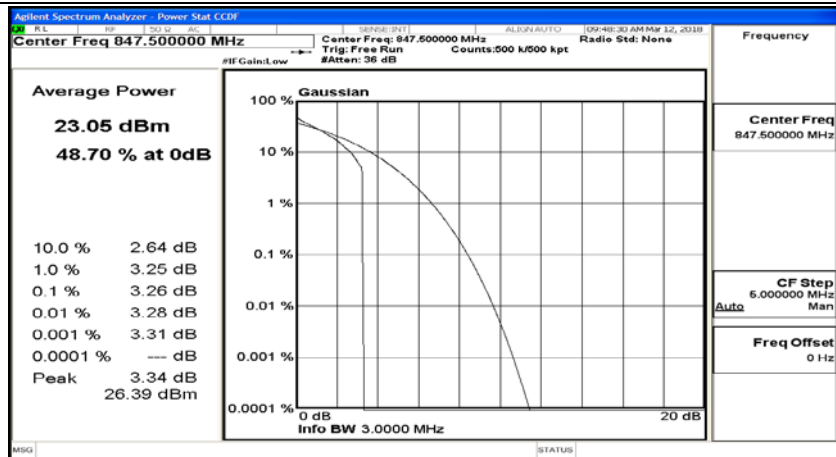
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



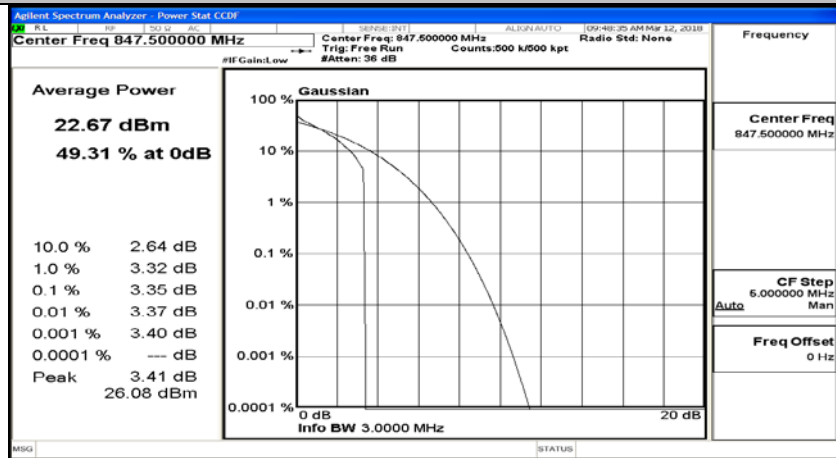
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



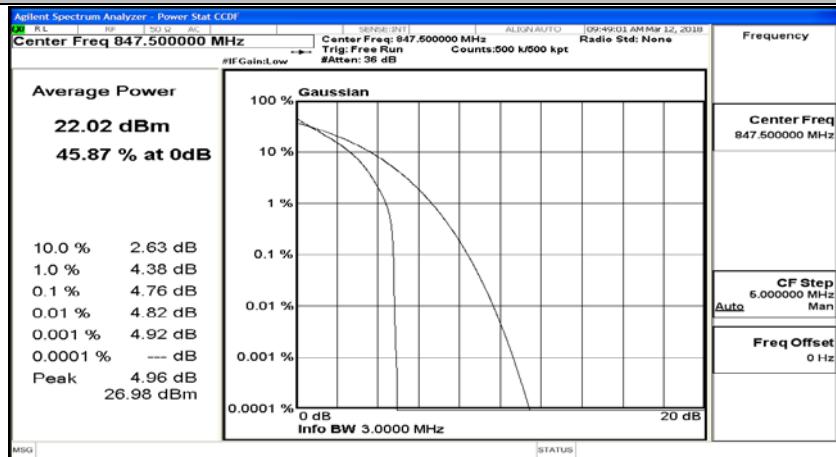
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



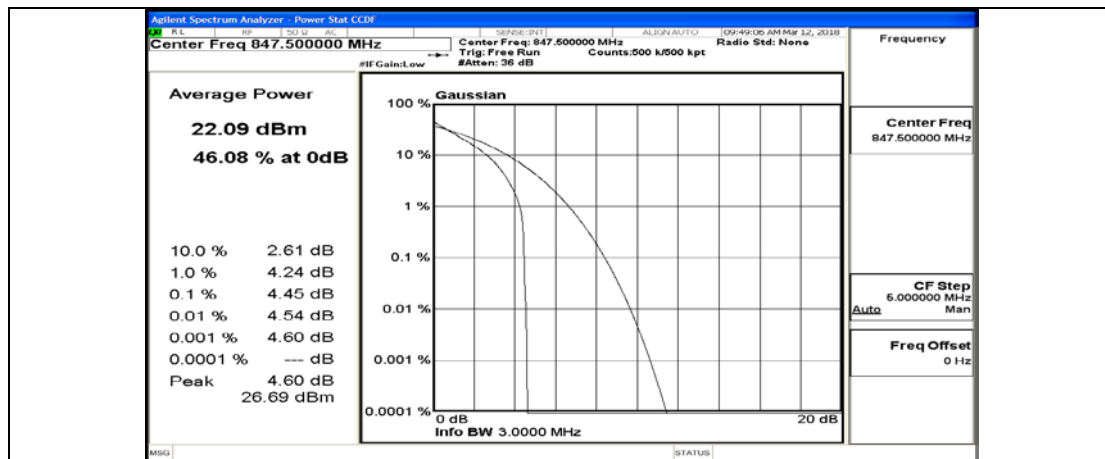
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



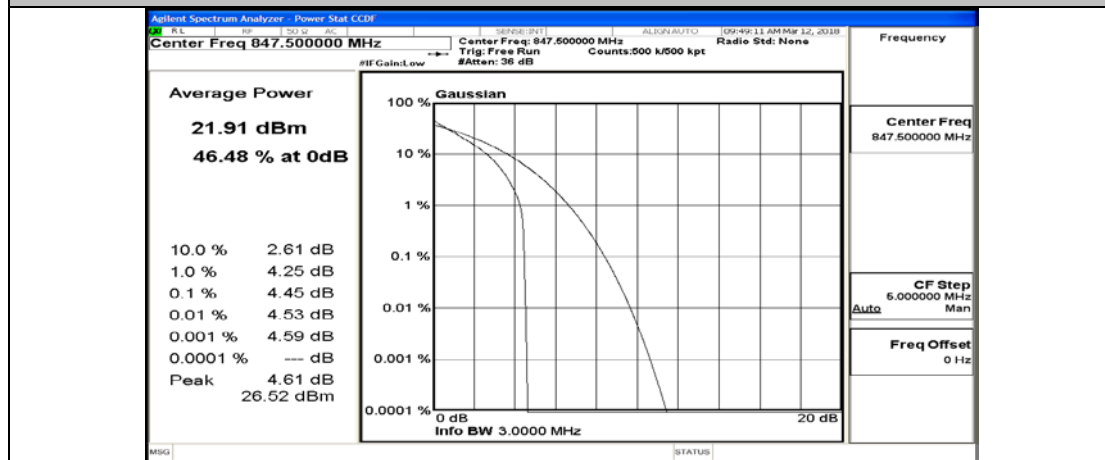
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



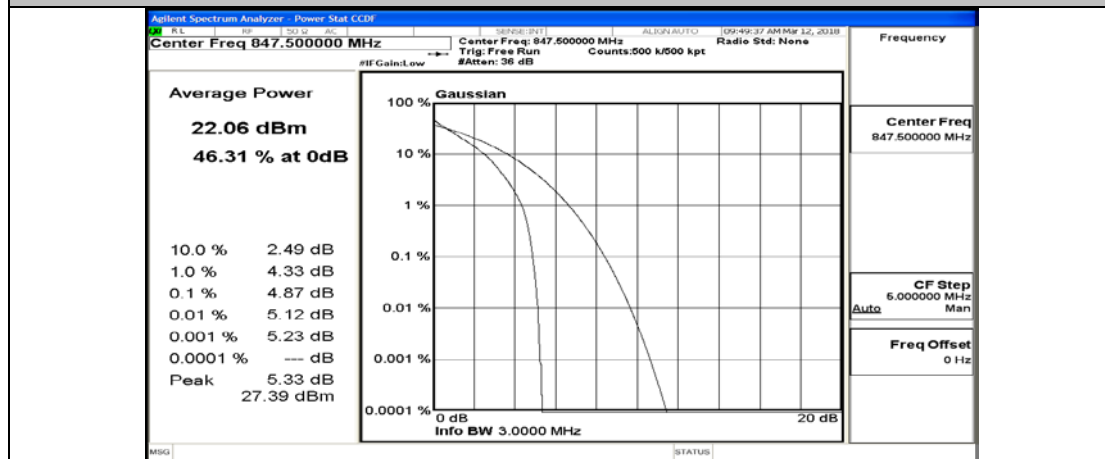
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4



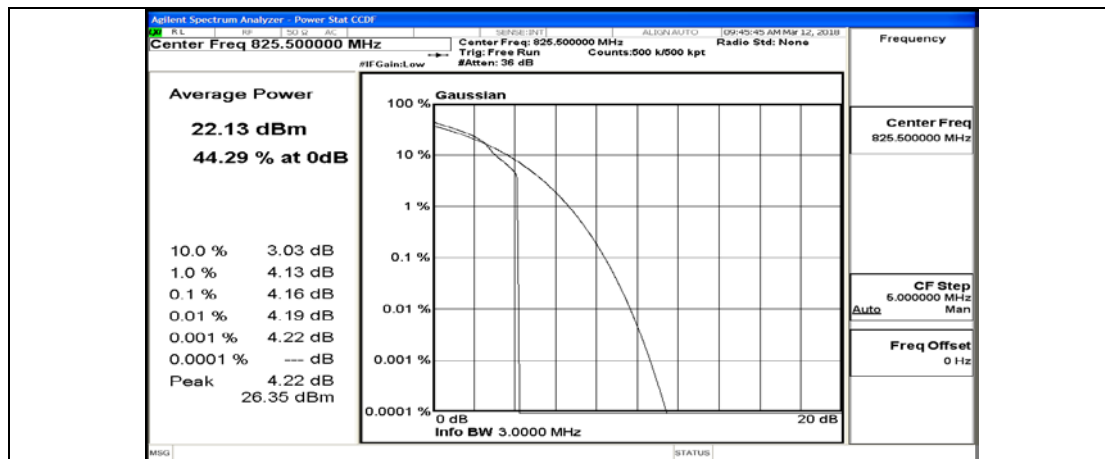
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7



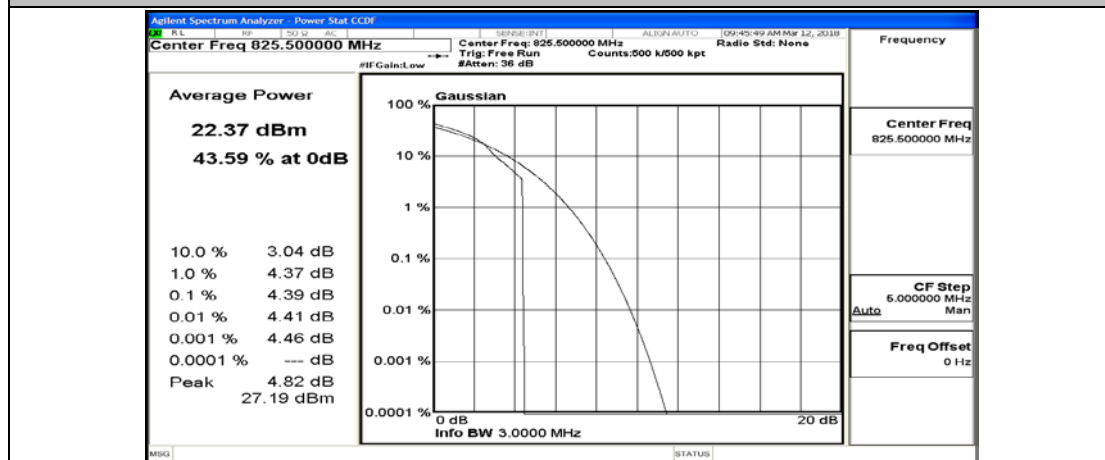
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



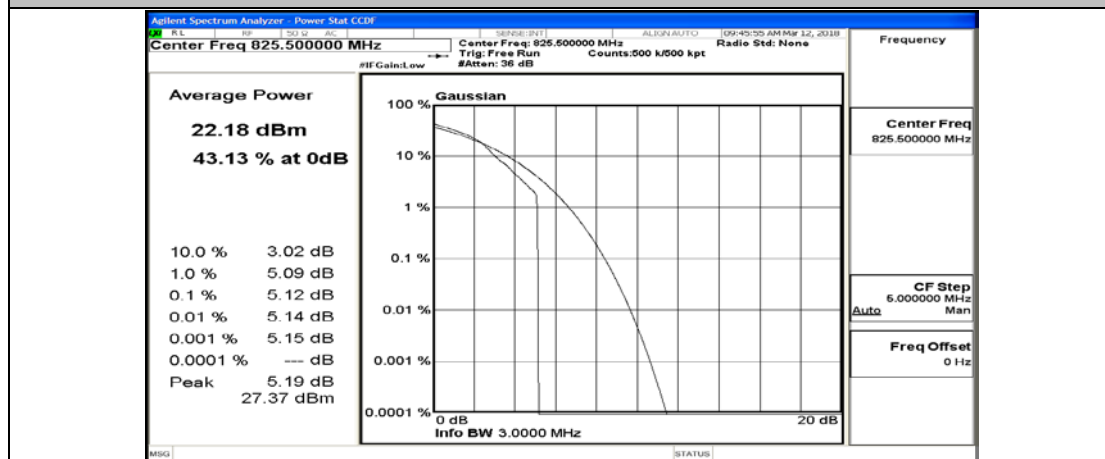
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



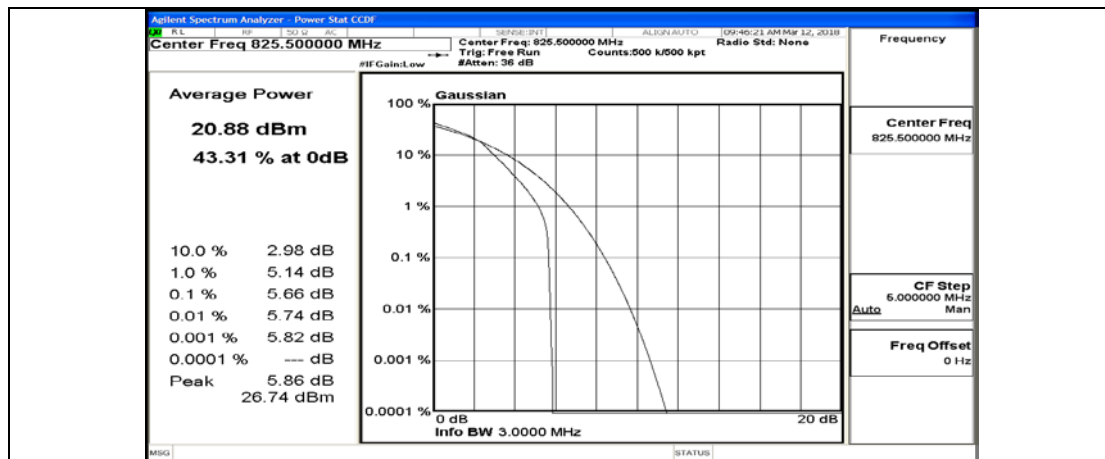
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7



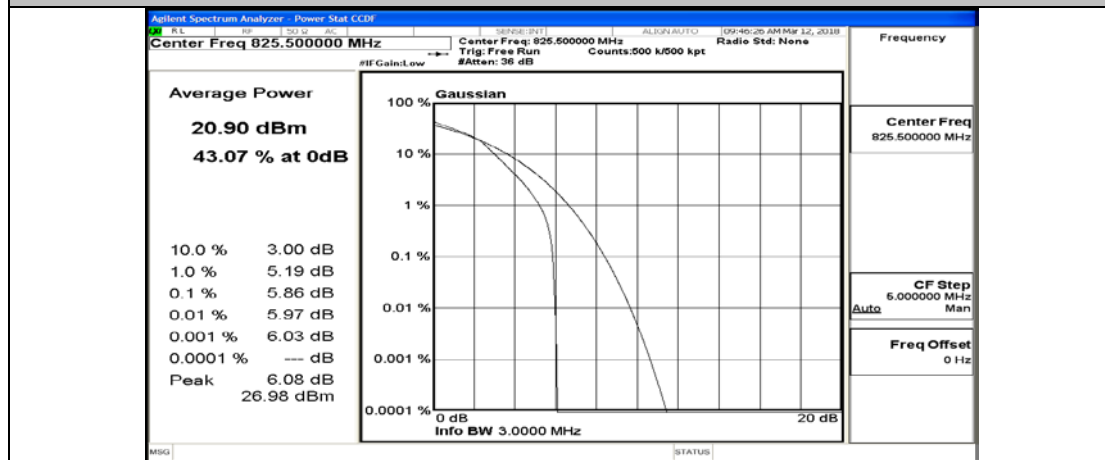
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14



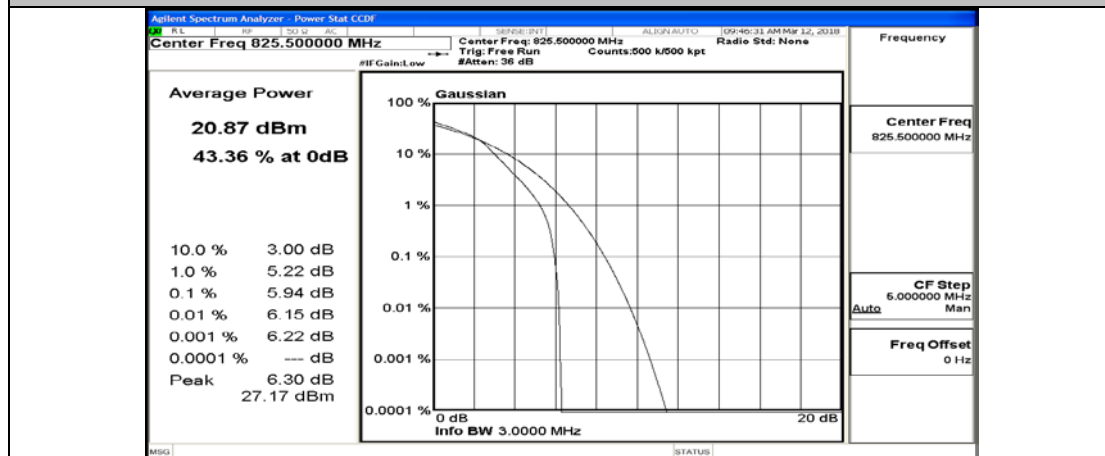
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0



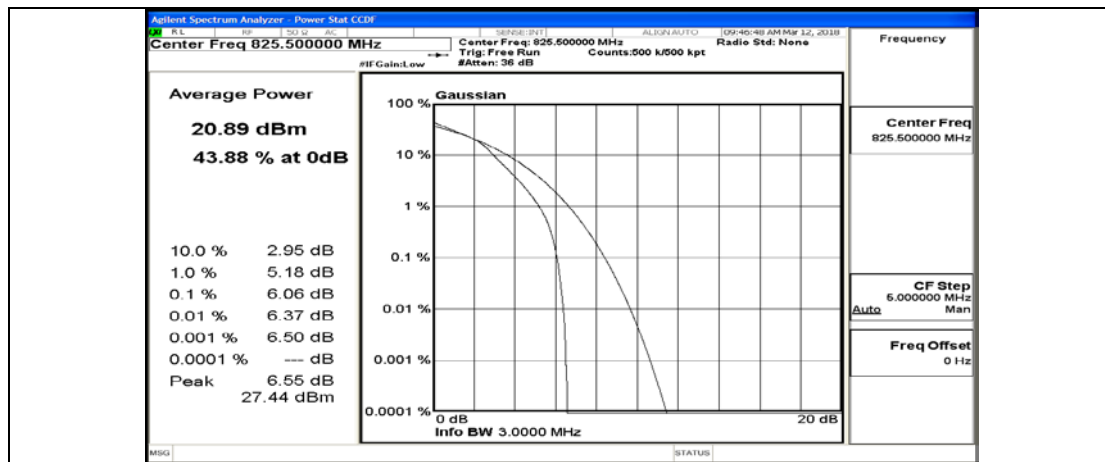
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4



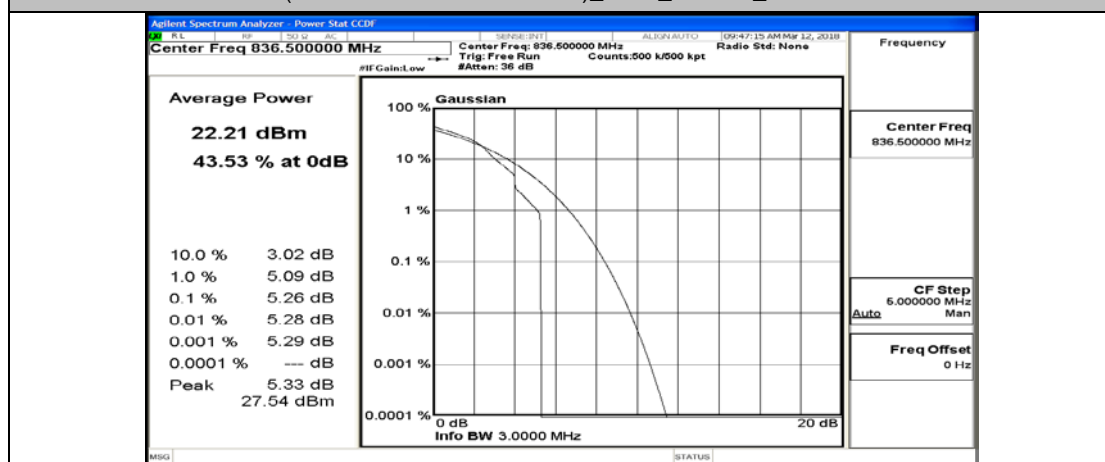
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7



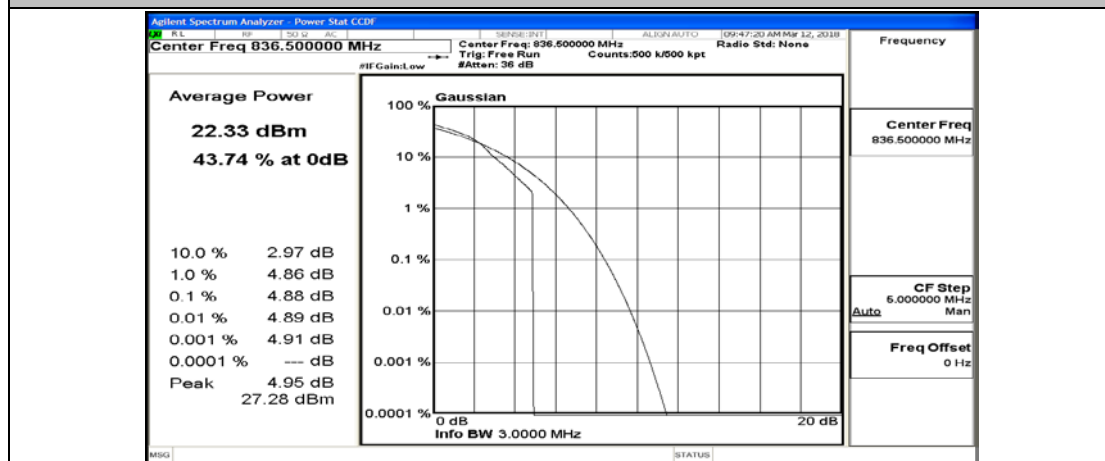
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



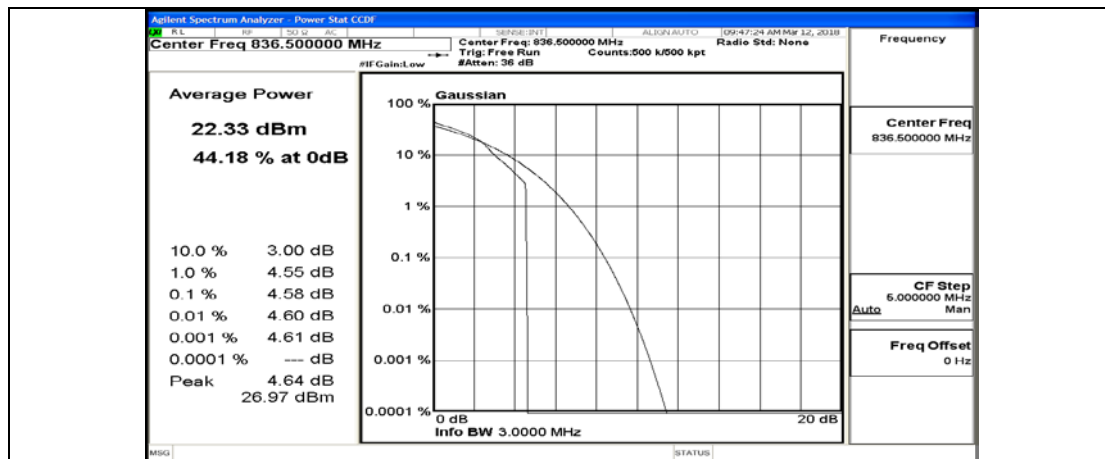
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



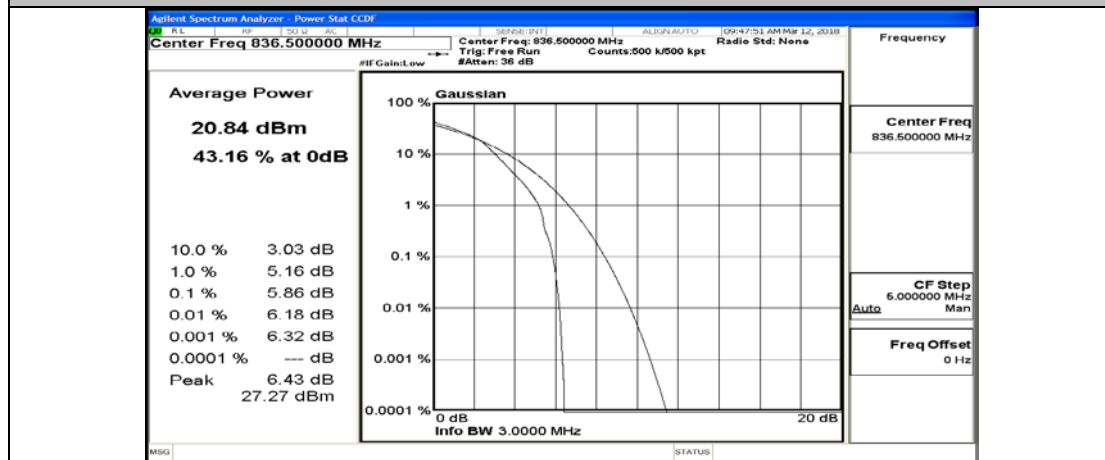
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7



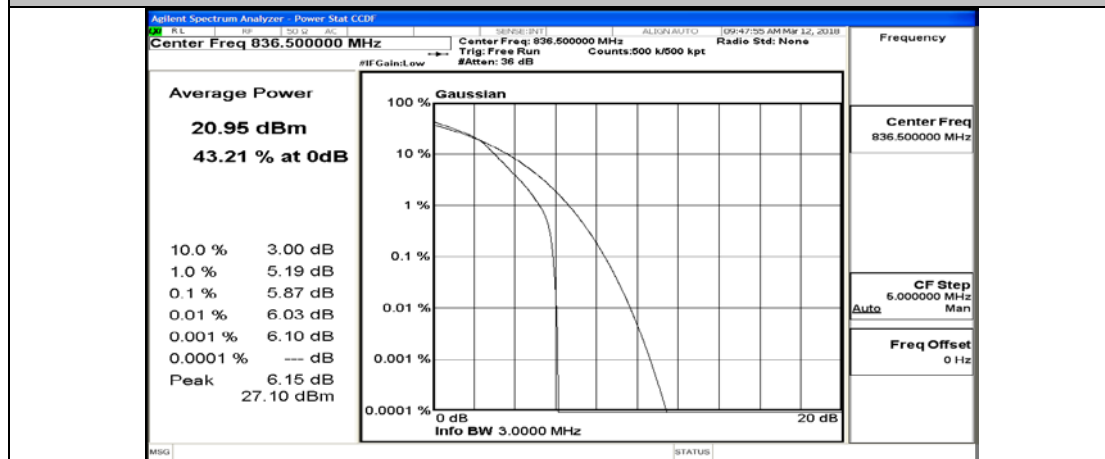
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



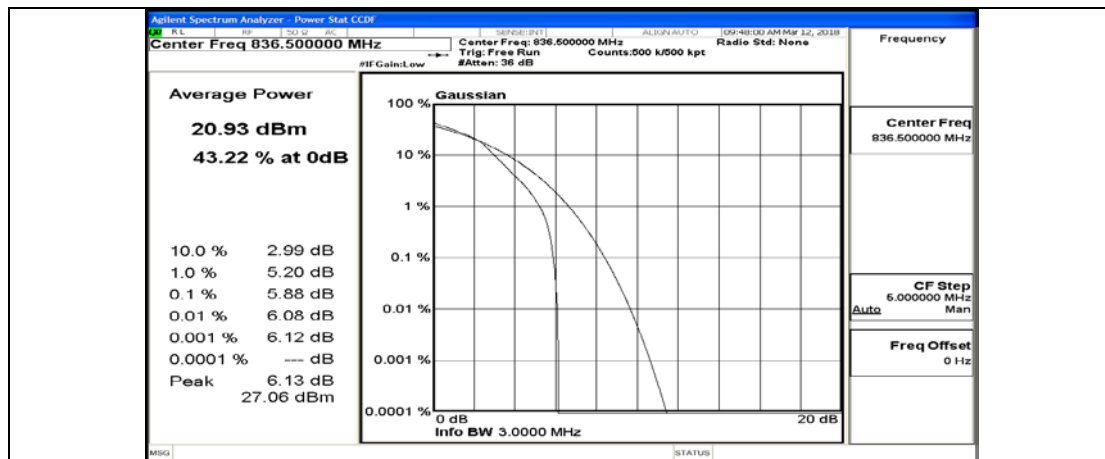
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#0



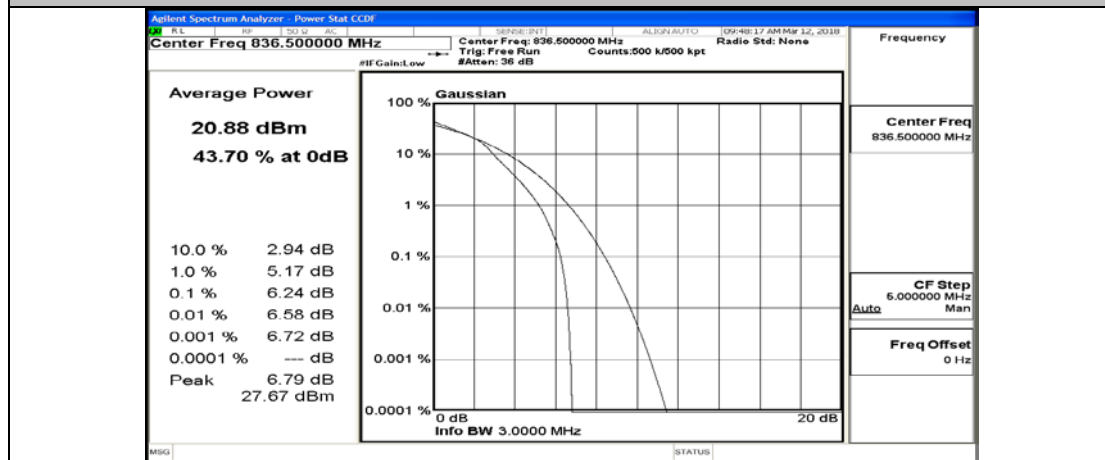
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#4



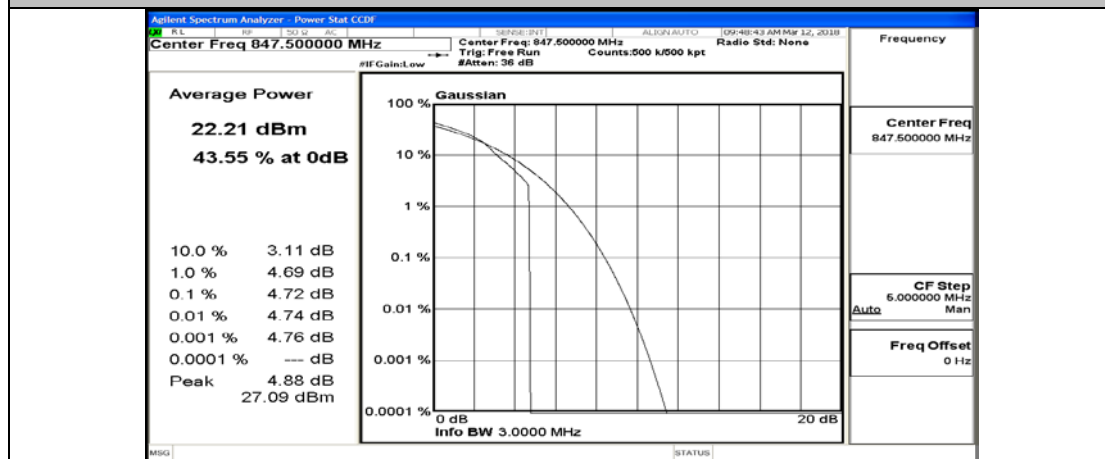
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#7



(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7