Appendix for Band 26(824-849MHz)

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	22.67	PASS
		1	3	22.80	PASS
		1	5	22.74	PASS
		3	0	22.59	PASS
		3	2	22.53	PASS
		3	3	22.59	PASS
		6	0	21.70	PASS
	MCH	1	0	22.85	PASS
		1	3	22.97	PASS
		1	5	22.90	PASS
		3	0	22.57	PASS
		3	2	22.55	PASS
		3	3	22.58	PASS
		6	0	21.88	PASS
	HCH	1	0	23.05	PASS
		1	3	23.24	PASS
		1	5	23.13	PASS
		3	0	22.20	PASS
		3	2	22.23	PASS
		3	3	22.23	PASS
		6	0	22.14	PASS
16QAM	LCH	1	0	21.99	PASS
		1	3	22.16	PASS
		1	5	22.02	PASS
		3	0	21.94	PASS
		3	2	21.96	PASS
		3	3	21.91	PASS
		6	0	20.72	PASS
	MCH	1	0	22.27	PASS
		1	3	22.43	PASS
		1	5	22.33	PASS
		3	0	21.97	PASS

		3	2	22.01	PASS
		3	3	21.99	PASS
		6	0	20.83	PASS
	HCH	1	0	22.32	PASS
		1	3	22.58	PASS
		1	5	22.43	PASS
		3	0	22.25	PASS
		3	2	22.26	PASS
		3	3	22.30	PASS
		6	0	21.27	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.74	PASS
		1	7	22.92	PASS
		1	14	22.80	PASS
		8	0	21.76	PASS
		8	4	21.82	PASS
		8	7	21.77	PASS
		15	0	21.73	PASS
	MCH	1	0	22.94	PASS
		1	7	23.21	PASS
		1	14	22.90	PASS
		8	0	21.88	PASS
		8	4	21.95	PASS
		8	7	21.89	PASS
		15	0	21.86	PASS
	HCH	1	0	23.12	PASS
		1	7	23.37	PASS
		1	14	23.16	PASS
		8	0	22.10	PASS
		8	4	22.14	PASS
		8	7	22.07	PASS
		15	0	22.13	PASS
16QAM	LCH	1	0	22.10	PASS
		1	7	22.42	PASS
		1	14	22.13	PASS
		8	0	20.87	PASS
		8	4	20.94	PASS
		8	7	20.86	PASS
		15	0	20.71	PASS

	MCH	1	0	22.35	PASS
		1	7	22.55	PASS
		1	14	22.39	PASS
		8	0	20.96	PASS
		8	4	20.94	PASS
		8	7	20.92	PASS
		15	0	20.95	PASS
	HCH	1	0	22.54	PASS
		1	7	22.69	PASS
		1	14	22.46	PASS
		8	0	21.02	PASS
		8	4	21.13	PASS
		8	7	21.07	PASS
		15	0	21.13	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.71	PASS
		1	12	23.10	PASS
		1	24	22.79	PASS
		12	0	21.79	PASS
		12	6	21.86	PASS
		12	13	21.82	PASS
		25	0	21.80	PASS
	MCH	1	0	22.85	PASS
		1	12	23.29	PASS
		1	24	22.84	PASS
		12	0	21.89	PASS
		12	6	21.98	PASS
		12	13	21.92	PASS
		25	0	21.91	PASS
	HCH	1	0	23.08	PASS
		1	12	23.51	PASS
		1	24	23.16	PASS
		12	0	22.05	PASS
		12	6	22.16	PASS
		12	13	22.08	PASS
		25	0	22.09	PASS
16QAM	LCH	1	0	22.04	PASS
		1	12	22.39	PASS
		1	24	22.11	PASS

		12	0	20.84	PASS
		12	6	20.91	PASS
		12	13	20.88	PASS
		25	0	20.88	PASS
	MCH	1	0	22.20	PASS
		1	12	22.31	PASS
		1	24	22.20	PASS
		12	0	21.01	PASS
		12	6	21.10	PASS
		12	13	21.00	PASS
		25	0	20.99	PASS
	HCH	1	0	22.26	PASS
		1	12	22.69	PASS
		1	24	22.31	PASS
		12	0	21.05	PASS
		12	6	21.17	PASS
		12	13	21.00	PASS
		25	0	21.15	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.77	PASS
		1	24	23.57	PASS
		1	49	22.87	PASS
		25	0	21.96	PASS
		25	12	21.93	PASS
		25	25	21.96	PASS
		50	0	21.96	PASS
	MCH	1	0	22.94	PASS
		1	24	23.59	PASS
		1	49	22.95	PASS
		25	0	22.65	PASS
		25	12	22.61	PASS
		25	25	22.67	PASS
		50	0	22.63	PASS
	HCH	1	0	23.07	PASS
		1	24	23.55	PASS
		1	49	23.14	PASS
		25	0	22.18	PASS
		25	12	22.13	PASS
		25	25	22.19	PASS

		50	0	22.13	PASS
16QAM	LCH	1	0	22.10	PASS
		1	24	22.35	PASS
		1	49	22.25	PASS
		25	0	21.01	PASS
		25	12	20.94	PASS
		25	25	21.01	PASS
		50	0	20.94	PASS
	MCH	1	0	22.38	PASS
		1	24	22.55	PASS
		1	49	22.43	PASS
		25	0	21.03	PASS
		25	12	21.03	PASS
		25	25	21.05	PASS
		50	0	20.99	PASS
	HCH	1	0	22.37	PASS
		1	24	22.58	PASS
		1	49	22.49	PASS
		25	0	21.22	PASS
		25	12	21.15	PASS
		25	25	21.23	PASS
		50	0	21.20	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	5.28	<13	PASS
		1	3	5.32	<13	PASS
		1	5	5.31	<13	PASS
		3	0	5.47	<13	PASS
		3	2	5.46	<13	PASS
		3	3	5.52	<13	PASS
		6	0	5.61	<13	PASS
	MCH	1	0	5.58	<13	PASS
		1	3	5.61	<13	PASS
		1	5	5.6	<13	PASS
		3	0	5.58	<13	PASS
		3	2	5.63	<13	PASS
		3	3	5.57	<13	PASS
		6	0	5.81	<13	PASS
	HCH	1	0	5.11	<13	PASS
		1	3	5.02	<13	PASS
		1	5	4.95	<13	PASS
		3	0	5.28	<13	PASS
		3	2	5.28	<13	PASS
		3	3	5.25	<13	PASS
		6	0	5.62	<13	PASS
16QAM	LCH	1	0	6.24	<13	PASS
		1	3	6.14	<13	PASS
		1	5	6.29	<13	PASS
		3	0	6.26	<13	PASS
		3	2	6.09	<13	PASS
		3	3	6.23	<13	PASS
		6	0	6.54	<13	PASS
	MCH	1	0	6.44	<13	PASS
		1	3	6.38	<13	PASS
		1	5	6.37	<13	PASS
		3	0	6.52	<13	PASS

		3	2	6.71	<13	PASS
		3	3	6.53	<13	PASS
		6	0	6.84	<13	PASS
	HCH	1	0	6.16	<13	PASS
		1	3	6.14	<13	PASS
		1	5	6.04	<13	PASS
		3	0	6.36	<13	PASS
		3	2	6.35	<13	PASS
		3	3	6.33	<13	PASS
		6	0	6.7	<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	5.32	<13	PASS
		1	7	5.39	<13	PASS
		1	14	5.34	<13	PASS
		8	0	5.78	<13	PASS
		8	4	5.84	<13	PASS
		8	7	5.9	<13	PASS
		15	0	5.75	<13	PASS
	MCH	1	0	5.28	<13	PASS
		1	7	5.27	<13	PASS
		1	14	5.24	<13	PASS
		8	0	5.92	<13	PASS
		8	4	5.84	<13	PASS
		8	7	5.89	<13	PASS
		15	0	5.84	<13	PASS
	HCH	1	0	5.23	<13	PASS
		1	7	5.19	<13	PASS
		1	14	5.08	<13	PASS
		8	0	5.73	<13	PASS
		8	4	5.7	<13	PASS
		8	7	5.73	<13	PASS
		15	0	5.69	<13	PASS
16QAM	LCH	1	0	6.24	<13	PASS
		1	7	6.23	<13	PASS
		1	14	6.22	<13	PASS
		8	0	6.41	<13	PASS
		8	4	6.35	<13	PASS

		8	7	6.55	<13	PASS
		15	0	6.7	<13	PASS
	MCH	1	0	6.27	<13	PASS
		1	7	6.14	<13	PASS
		1	14	6.27	<13	PASS
		8	0	6.6	<13	PASS
		8	4	6.43	<13	PASS
		8	7	6.53	<13	PASS
		15	0	6.72	<13	PASS
	HCH	1	0	6.47	<13	PASS
		1	7	6.38	<13	PASS
		1	14	6.06	<13	PASS
		8	0	6.76	<13	PASS
		8	4	6.82	<13	PASS
		8	7	6.77	<13	PASS
		15	0	6.41	<13	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict
		Size	Offset	[dB]	[dB]	
QPSK	LCH	1	0	5.5	<13	PASS
		1	12	5.53	<13	PASS
		1	24	5.92	<13	PASS
		12	0	5.78	<13	PASS
		12	6	5.77	<13	PASS
		12	13	5.87	<13	PASS
		25	0	5.8	<13	PASS
	MCH	1	0	5.5	<13	PASS
		1	12	5.41	<13	PASS
		1	24	5.56	<13	PASS
		12	0	5.76	<13	PASS
		12	6	5.72	<13	PASS
		12	13	5.66	<13	PASS
		25	0	5.82	<13	PASS
	HCH	1	0	5.27	<13	PASS
		1	12	5.17	<13	PASS
		1	24	5.19	<13	PASS
		12	0	5.74	<13	PASS
		12	6	5.79	<13	PASS
		12	13	5.74	<13	PASS

		25	0	5.77	<13	PASS
16QAM	LCH	1	0	6.25	<13	PASS
		1	12	6.26	<13	PASS
		1	24	6.61	<13	PASS
		12	0	6.7	<13	PASS
		12	6	6.6	<13	PASS
		12	13	6.75	<13	PASS
		25	0	6.51	<13	PASS
	MCH	1	0	6.8	<13	PASS
		1	12	6.47	<13	PASS
		1	24	6.79	<13	PASS
		12	0	6.54	<13	PASS
		12	6	6.52	<13	PASS
		12	13	6.66	<13	PASS
		25	0	6.74	<13	PASS
	HCH	1	0	6.65	<13	PASS
		1	12	6	<13	PASS
		1	24	6.15	<13	PASS
		12	0	6.67	<13	PASS
		12	6	6.54	<13	PASS
		12	13	6.49	<13	PASS
		25	0	6.56	<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	5.24	<13	PASS
		1	24	5.36	<13	PASS
		1	49	5.45	<13	PASS
		25	0	5.73	<13	PASS
		25	12	5.84	<13	PASS
		25	25	5.84	<13	PASS
		50	0	5.79	<13	PASS
	MCH	1	0	5.28	<13	PASS
		1	24	5.17	<13	PASS
		1	49	5.31	<13	PASS
		25	0	5.86	<13	PASS
		25	12	5.77	<13	PASS
		25	25	5.81	<13	PASS
		50	0	5.77	<13	PASS

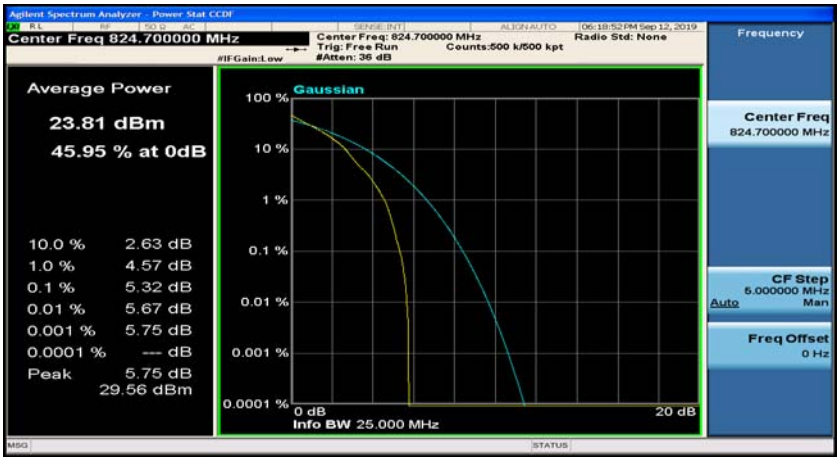
	HCH	1	0	5.29	<13	PASS
		1	24	5.39	<13	PASS
		1	49	5.13	<13	PASS
		25	0	5.74	<13	PASS
		25	12	5.76	<13	PASS
		25	25	5.7	<13	PASS
		50	0	5.79	<13	PASS
16QAM	LCH	1	0	6.21	<13	PASS
		1	24	6.5	<13	PASS
		1	49	6.52	<13	PASS
		25	0	6.58	<13	PASS
		25	12	6.65	<13	PASS
		25	25	6.84	<13	PASS
		50	0	6.5	<13	PASS
	MCH	1	0	6.29	<13	PASS
		1	24	6.22	<13	PASS
		1	49	6.26	<13	PASS
		25	0	6.68	<13	PASS
		25	12	6.56	<13	PASS
		25	25	6.66	<13	PASS
		50	0	6.52	<13	PASS
	HCH	1	0	6.55	<13	PASS
		1	24	6.67	<13	PASS
		1	49	5.98	<13	PASS
		25	0	6.73	<13	PASS
		25	12	6.66	<13	PASS
		25	25	6.66	<13	PASS
		50	0	6.62	<13	PASS

Test Graphs

Channel Bandwidth: 1.4 MHz

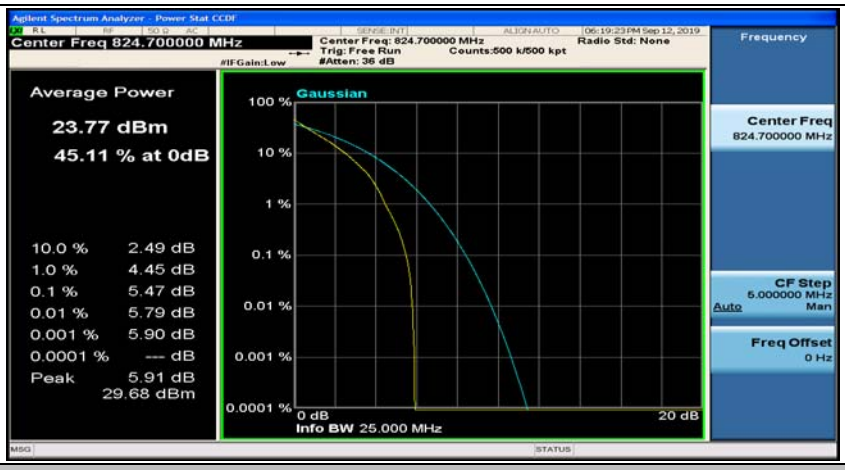
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3

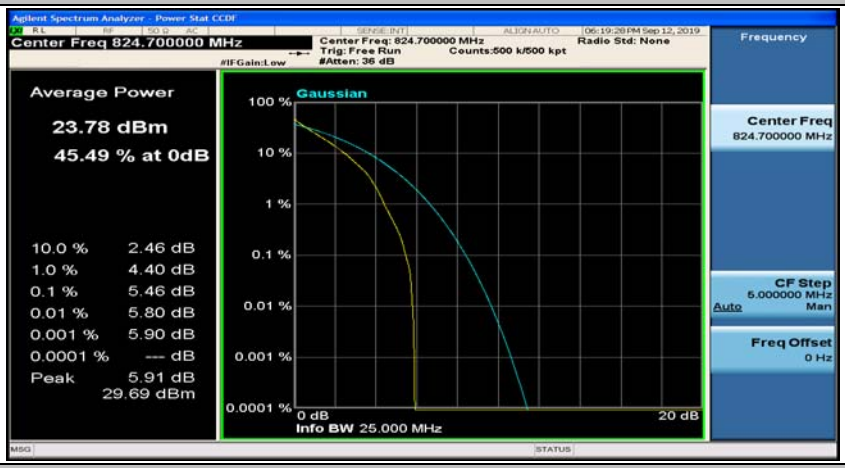


(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0



(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2

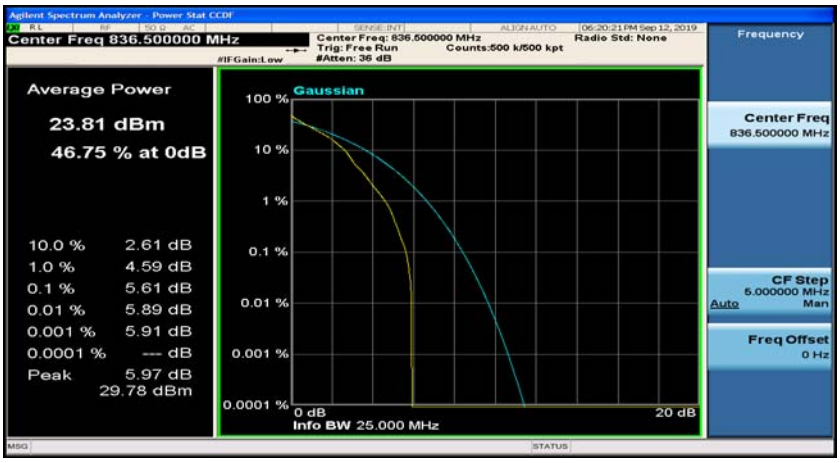


(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3

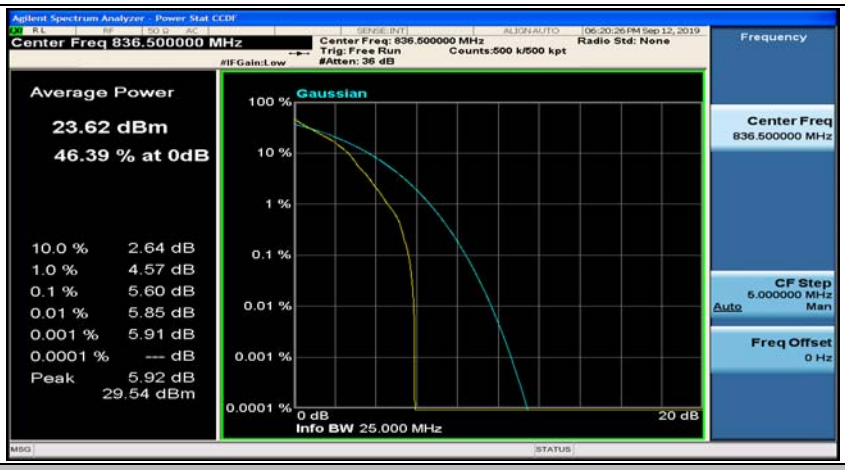
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0

(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

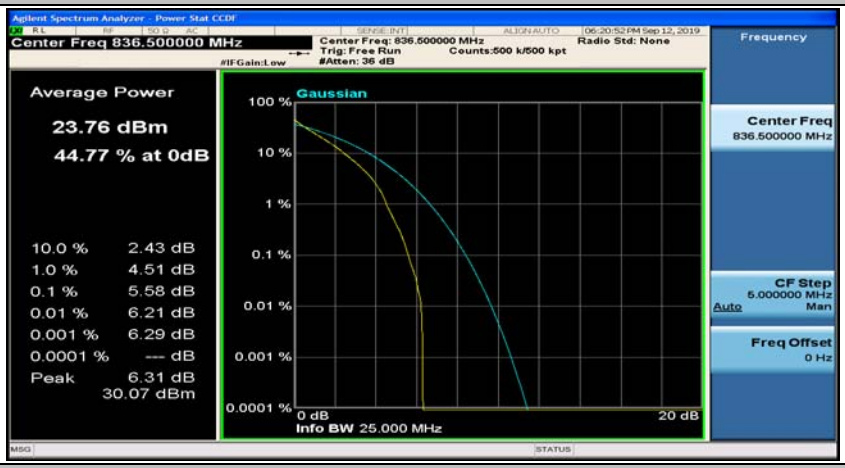
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

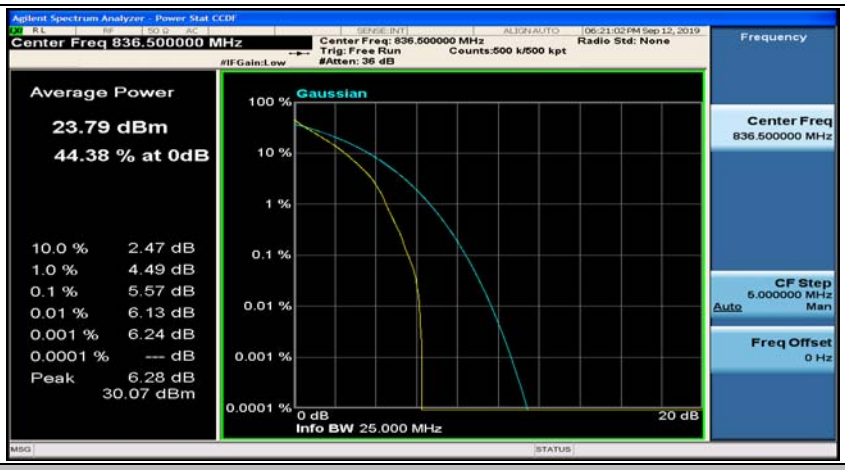


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2

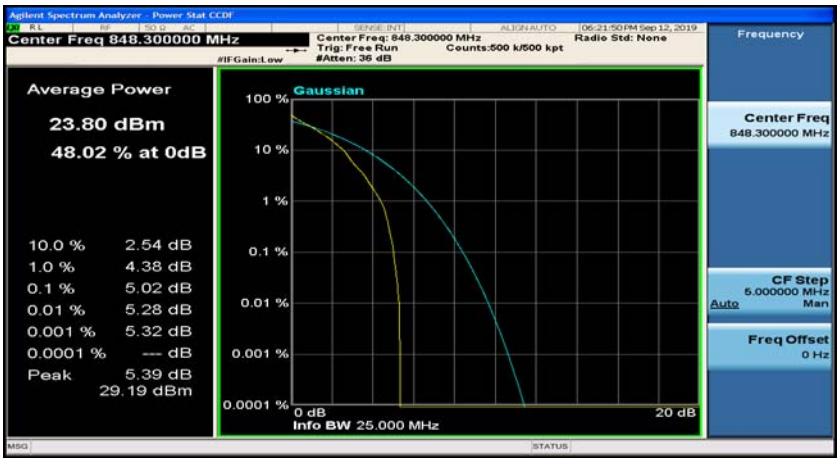
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0

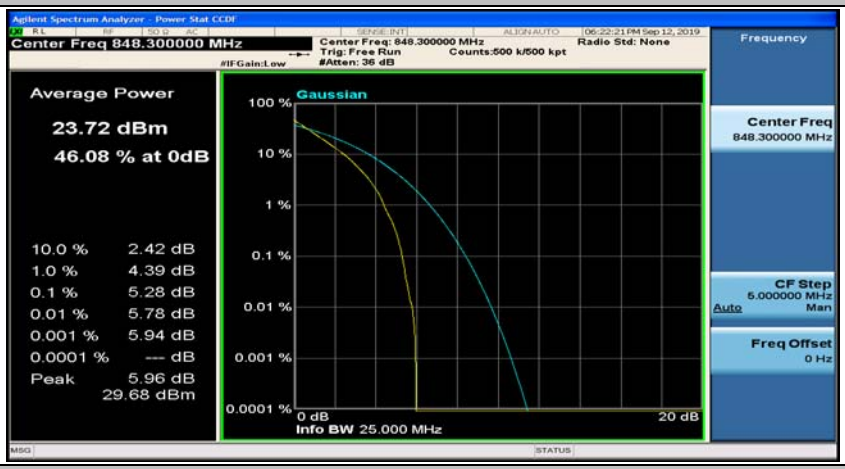
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3

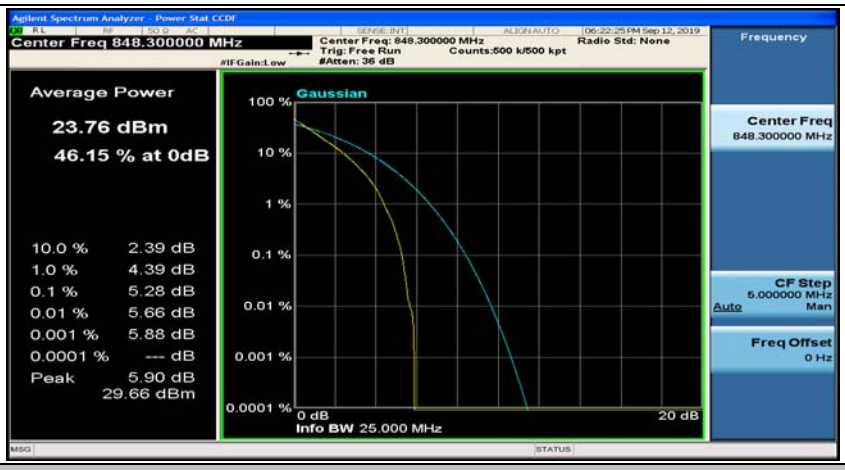


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5

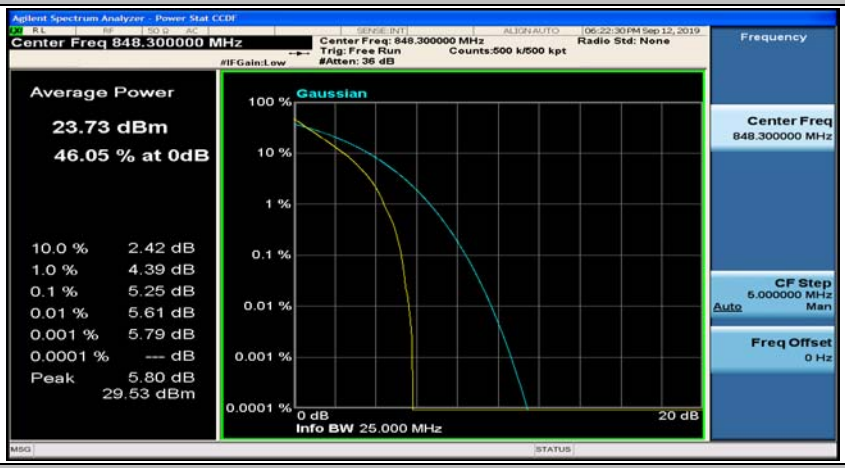
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



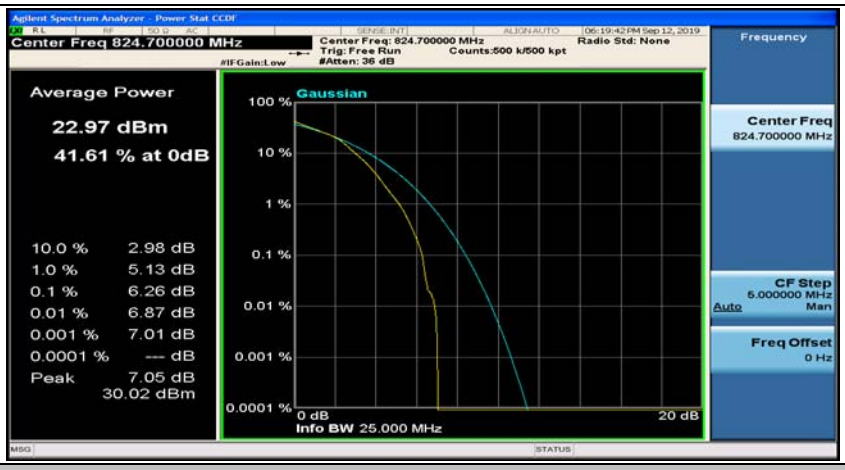
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0

(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0

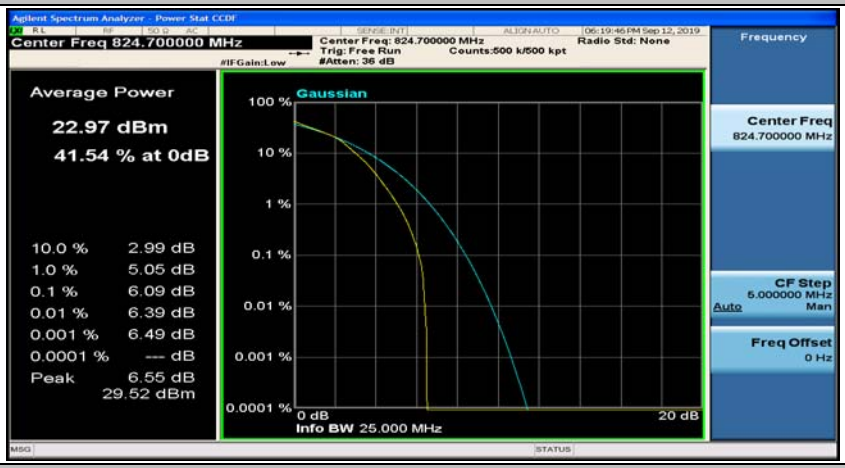
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3

(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

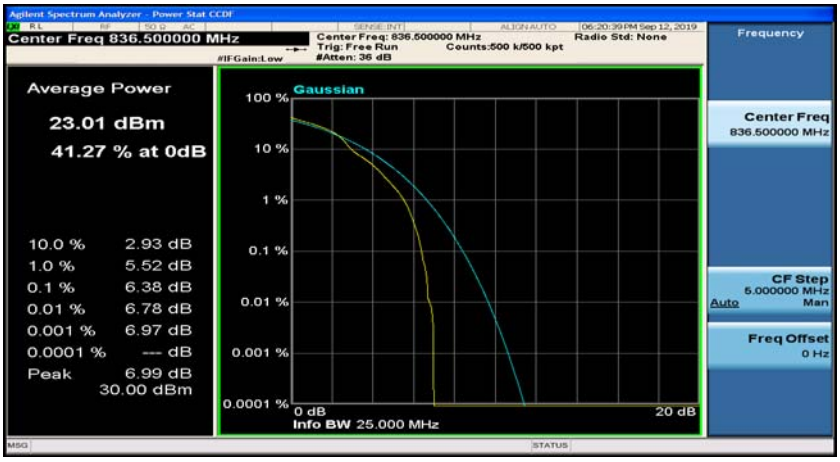


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3

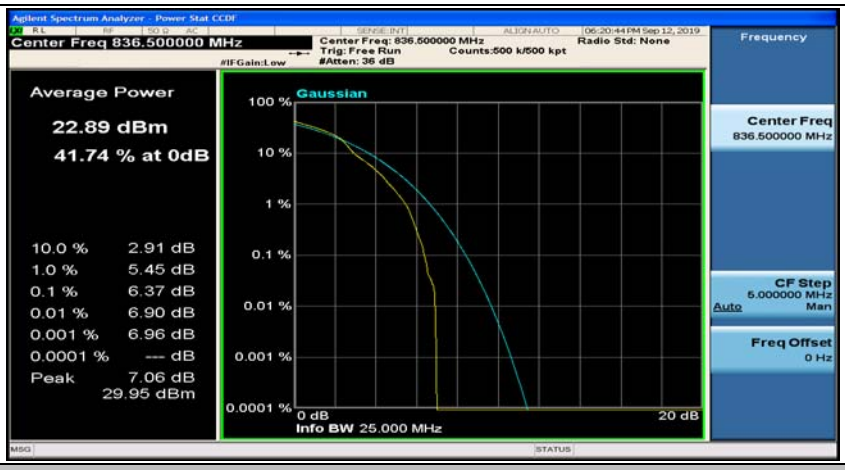
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0

(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

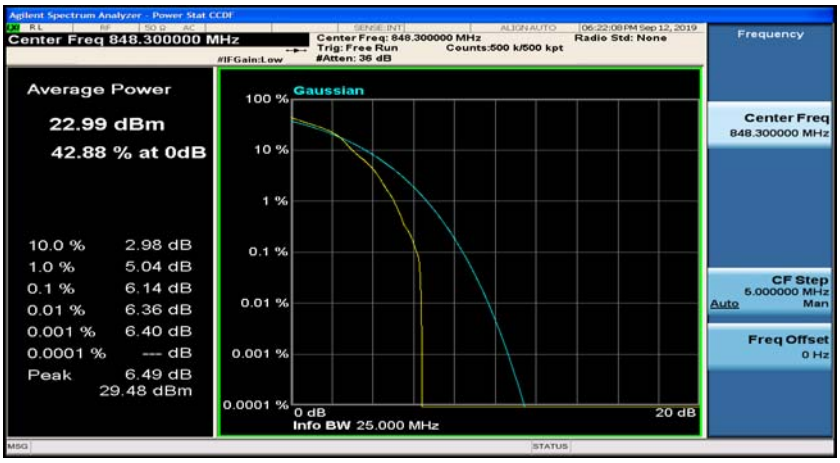
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2

(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

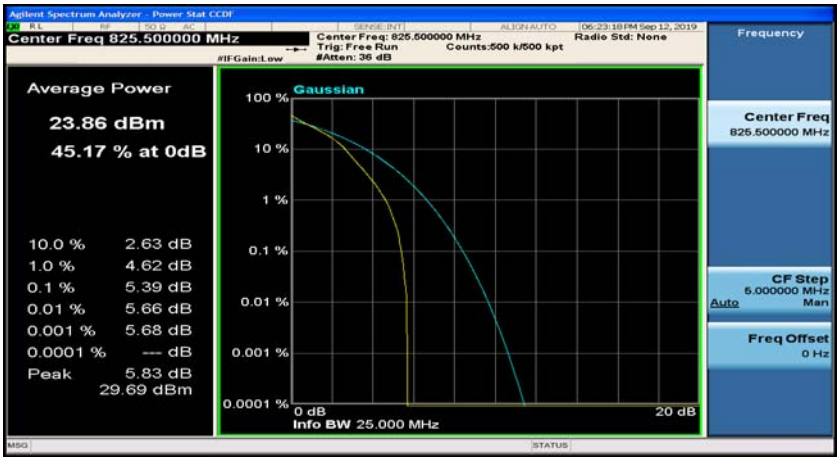
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

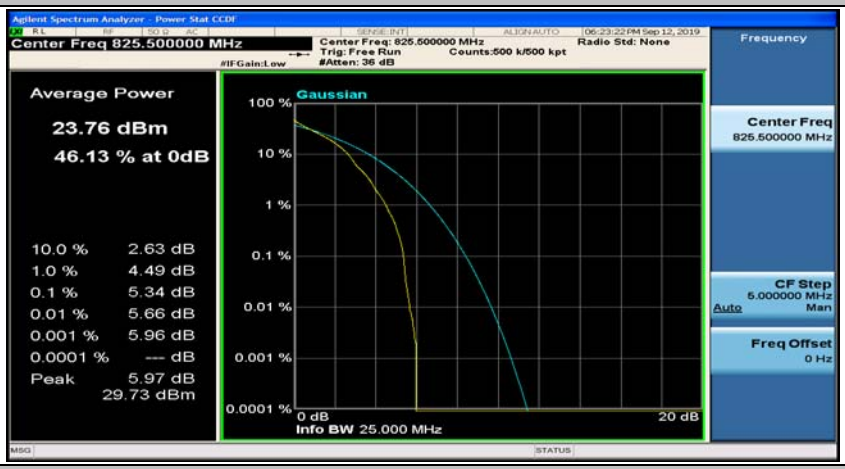
Channel Bandwidth: 3 MHz

(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0

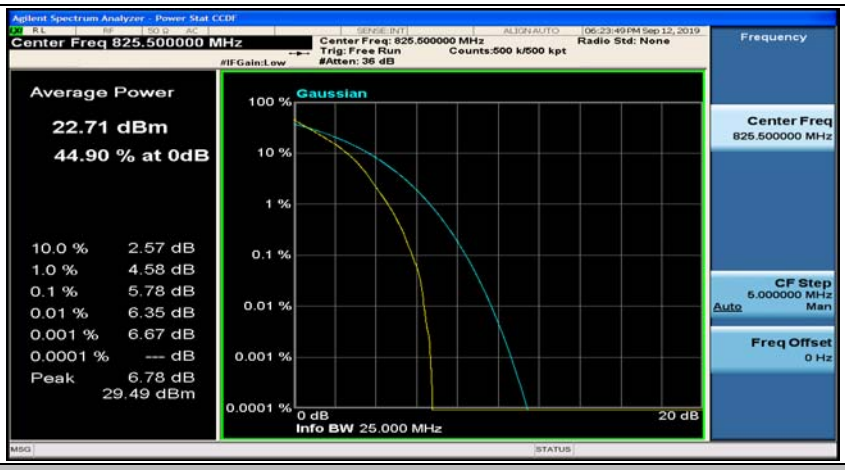
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0



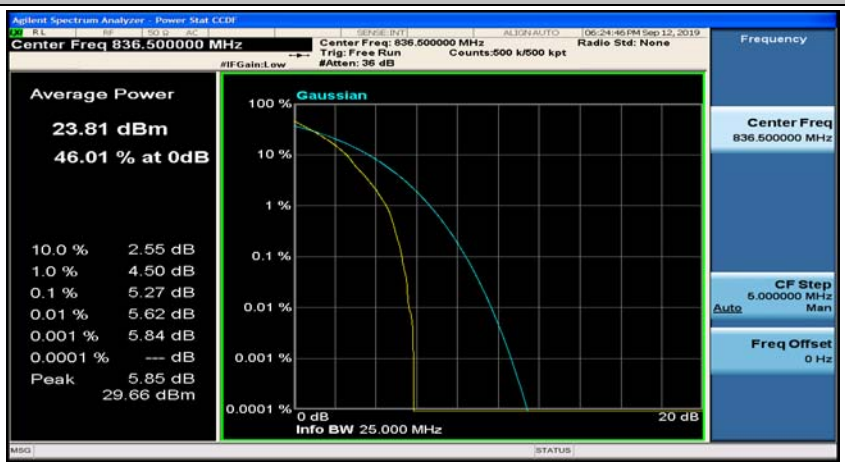
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4

(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7

(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0

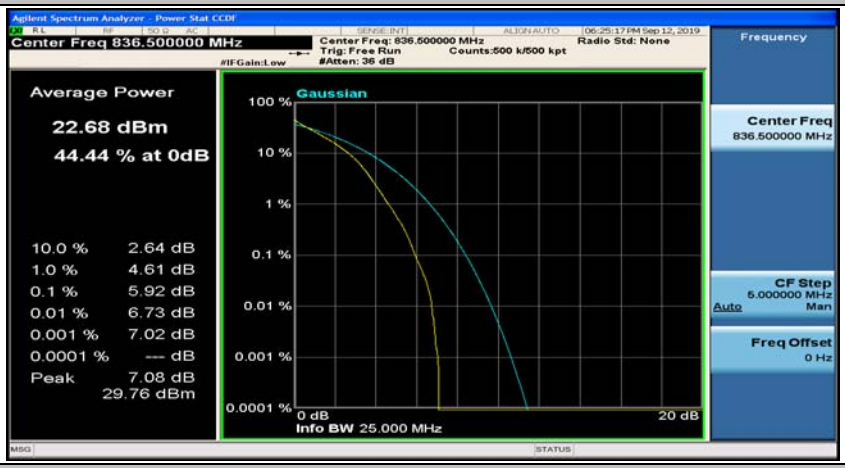
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#0



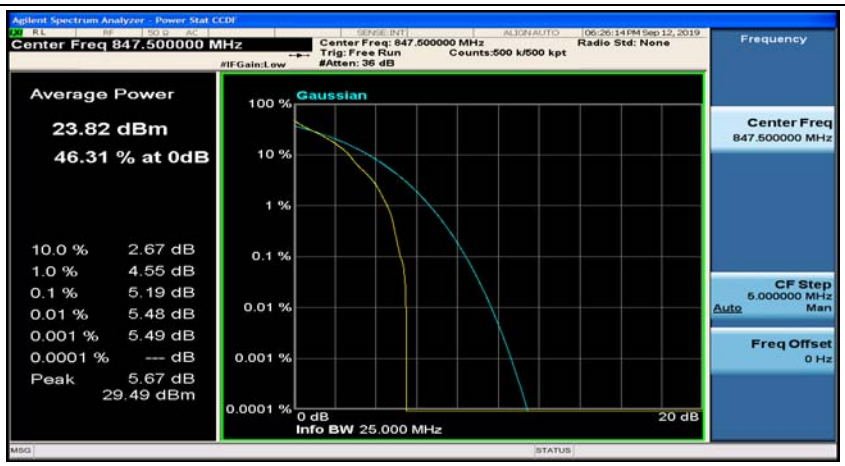
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#4

(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

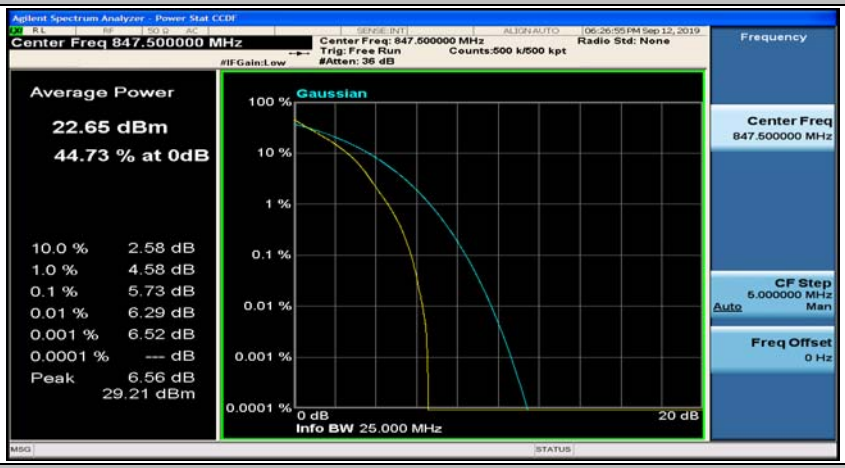


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14

(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

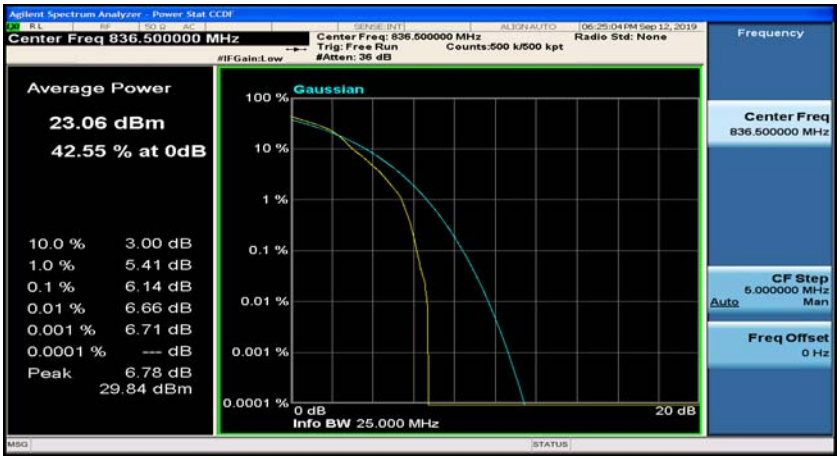
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4

(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7

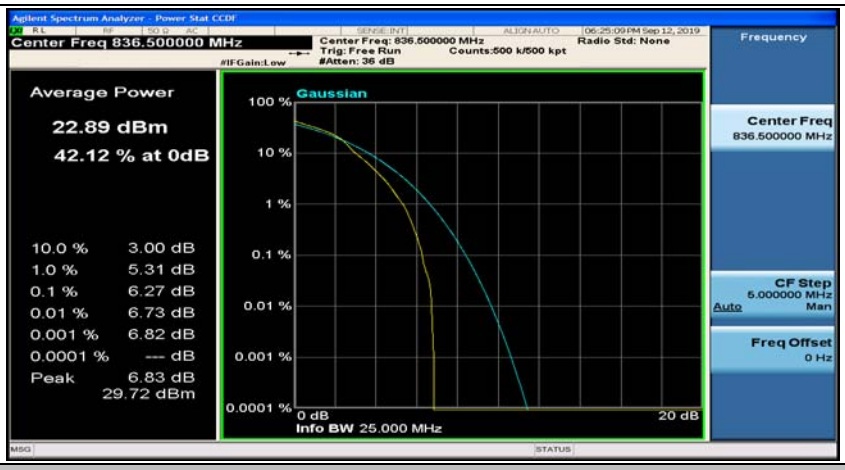
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0

(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

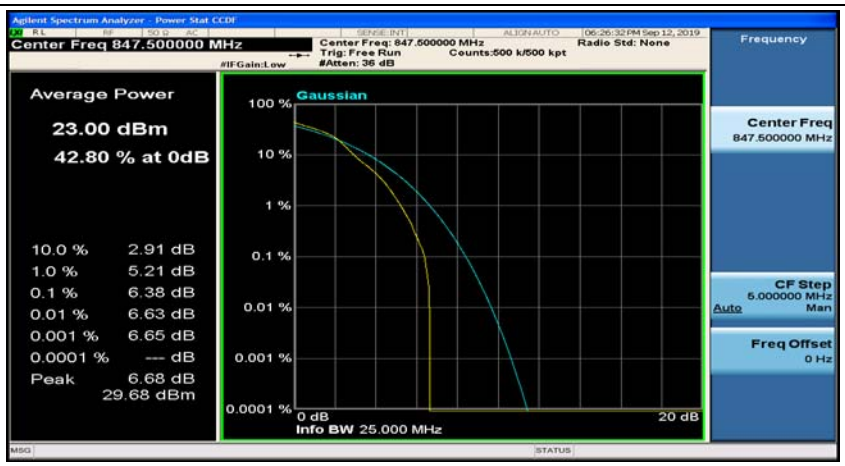
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#4

(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#7

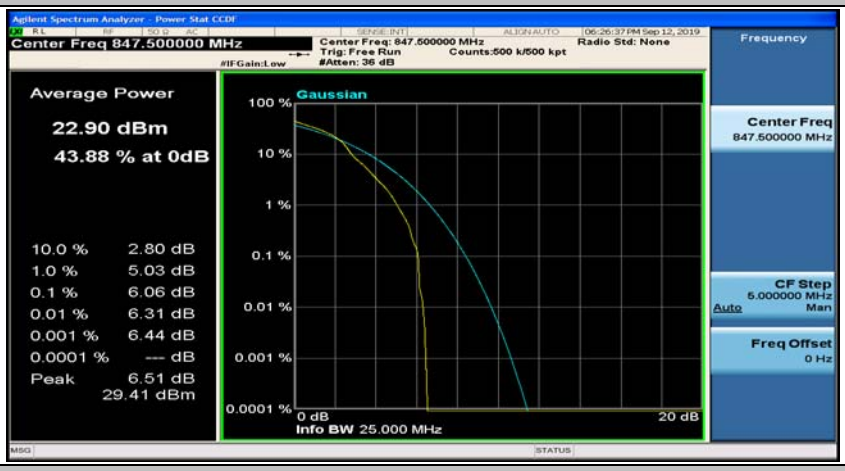
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0

(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0

(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



(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

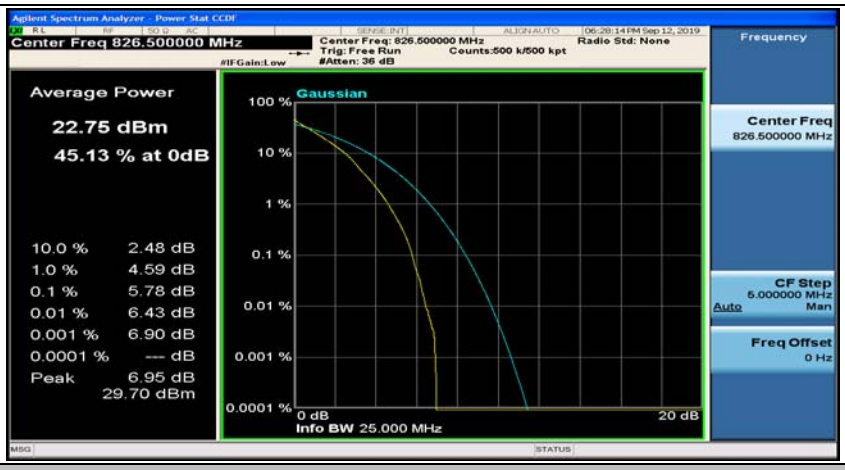
Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

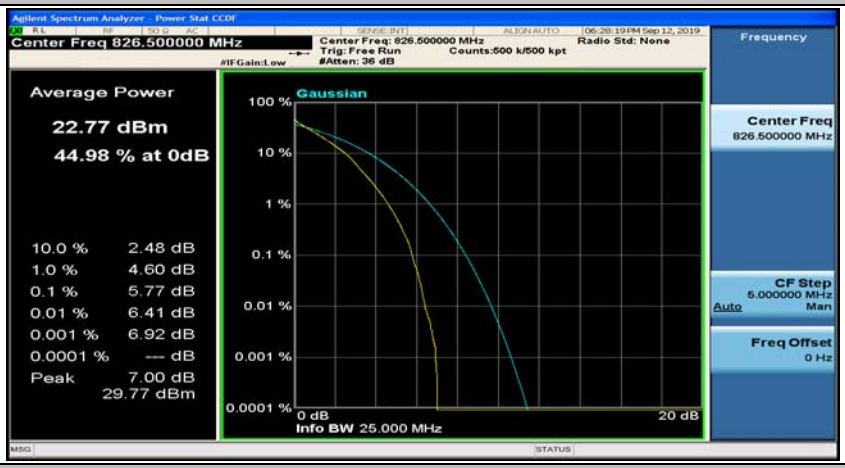
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12

(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

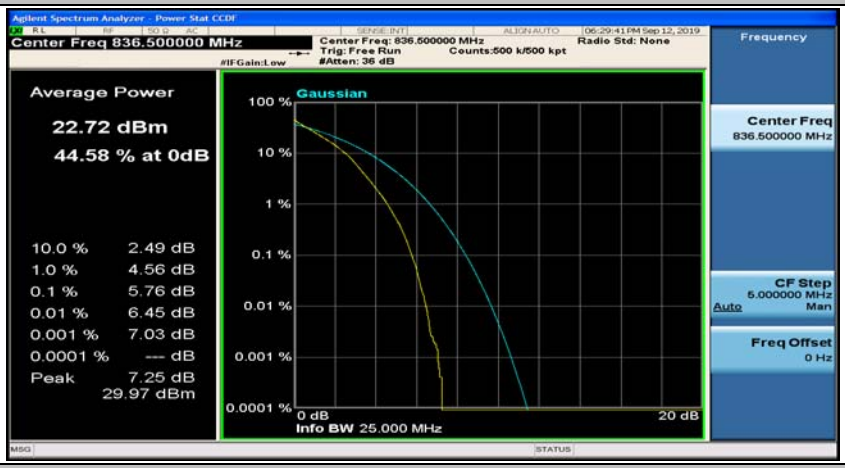
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0

(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

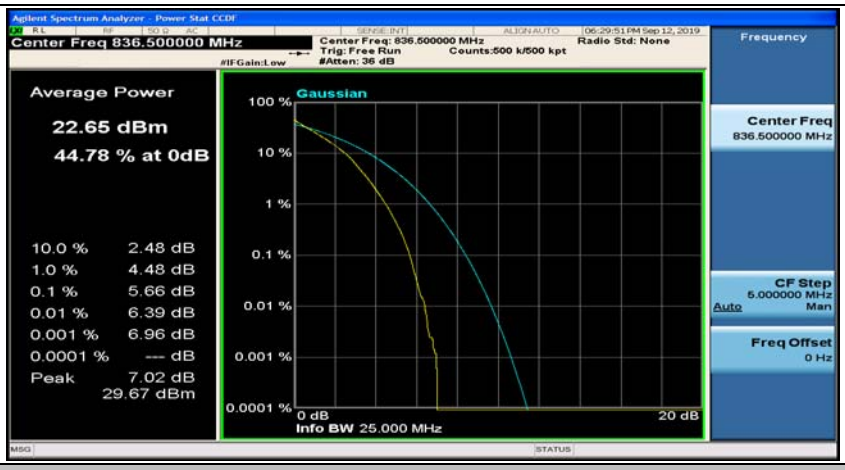
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6

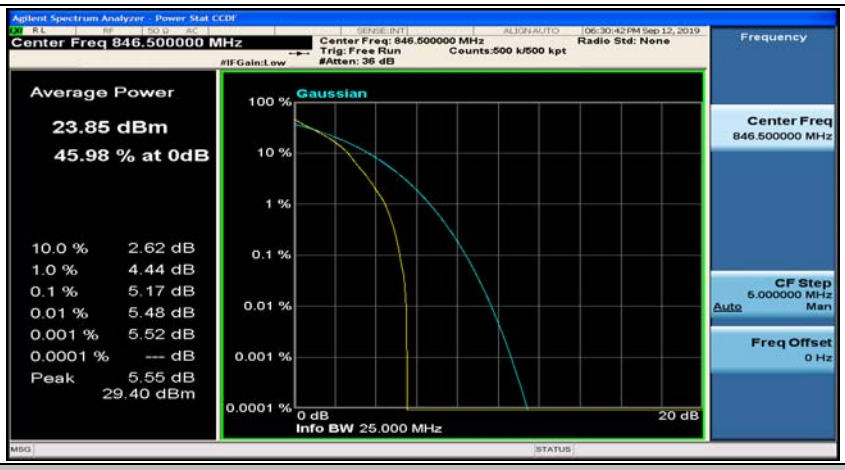
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



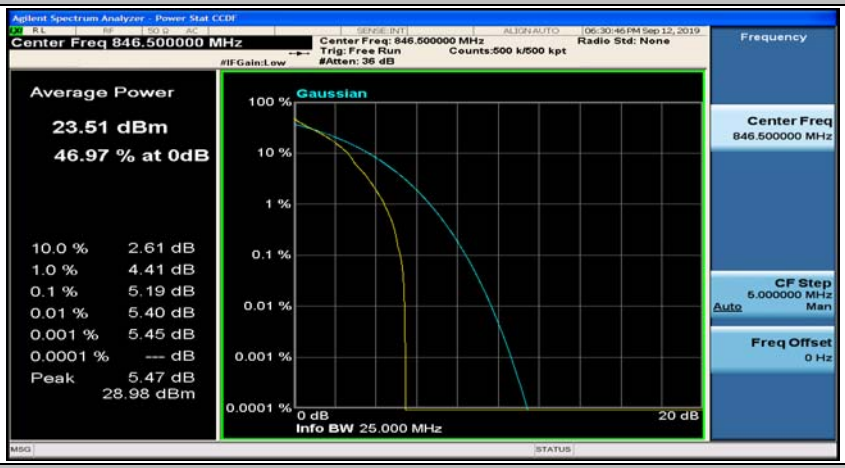
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0

(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

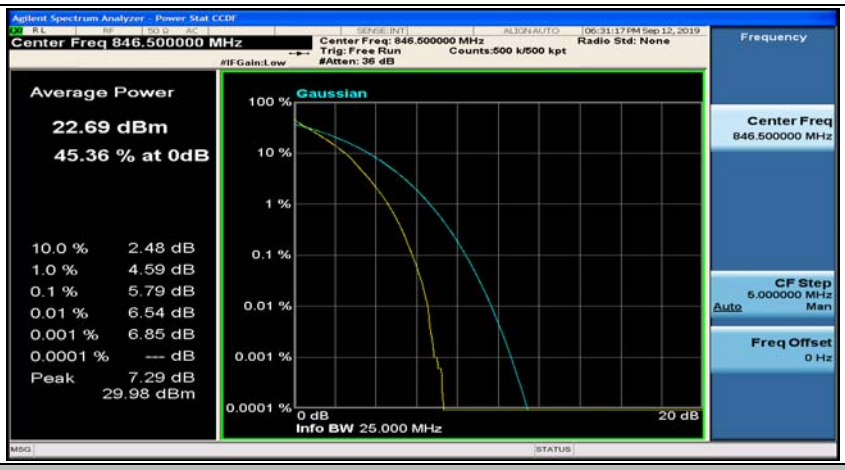


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24

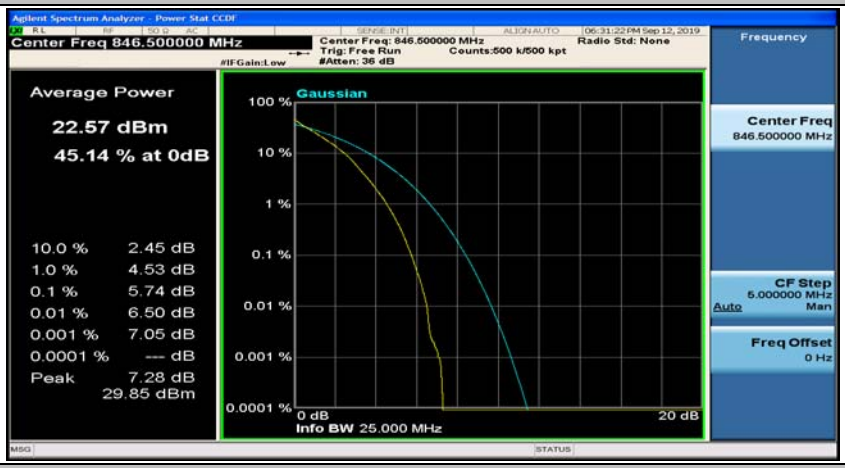


(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0

(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



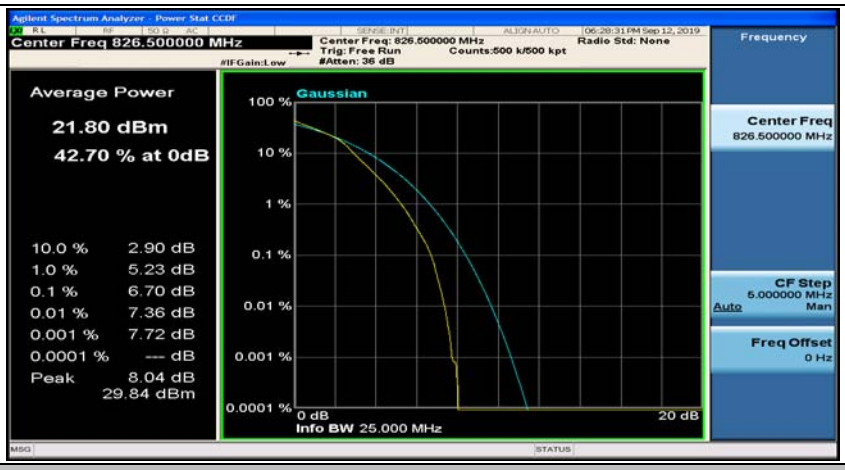
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

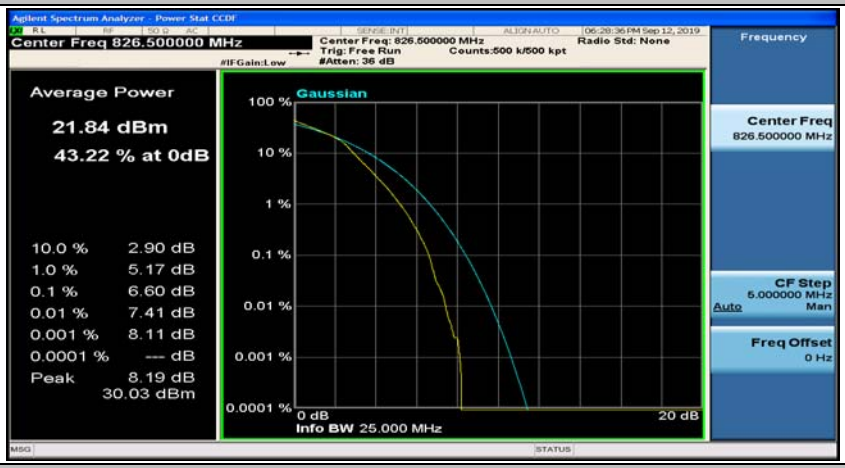
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24

(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13

(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0

(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

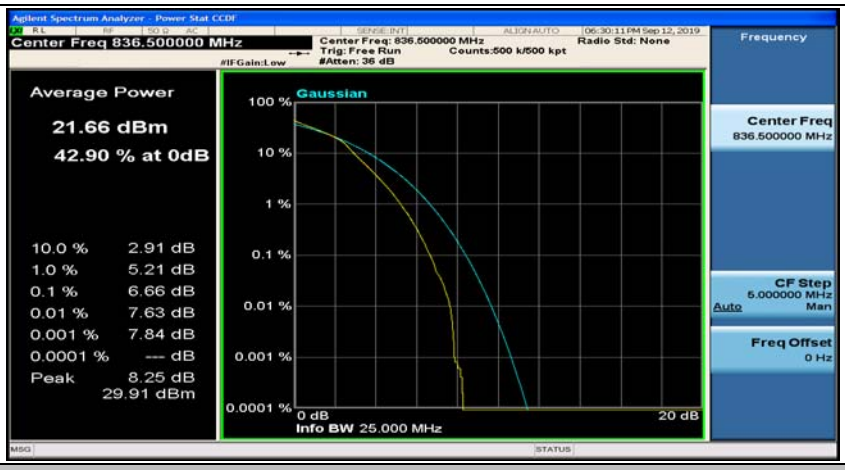
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0

(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6

(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12