

**C.2: Peak-to-Average Ratio**

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.25	<13	PASS
		1	3	4.08	<13	PASS
		1	5	4.05	<13	PASS
		3	0	4.1	<13	PASS
		3	2	4	<13	PASS
		3	3	3.97	<13	PASS
		6	0	4.87	<13	PASS
	MCH	1	0	5.16	<13	PASS
		1	3	5.42	<13	PASS
		1	5	5.38	<13	PASS
		3	0	5.83	<13	PASS
		3	2	5.79	<13	PASS
		3	3	5.7	<13	PASS
		6	0	6.02	<13	PASS
	HCH	1	0	5.45	<13	PASS
		1	3	5.55	<13	PASS
		1	5	5.49	<13	PASS
		3	0	5.81	<13	PASS
		3	2	5.77	<13	PASS
		3	3	5.85	<13	PASS
		6	0	6.24	<13	PASS
16QAM	LCH	1	0	5.18	<13	PASS
		1	3	4.86	<13	PASS
		1	5	4.88	<13	PASS
		3	0	5.01	<13	PASS
		3	2	4.95	<13	PASS
		3	3	4.92	<13	PASS
		6	0	5.79	<13	PASS
	MCH	1	0	6.6	<13	PASS
		1	3	6.39	<13	PASS
		1	5	6.26	<13	PASS
		3	0	6.84	<13	PASS
		3	2	6.72	<13	PASS
		3	3	6.62	<13	PASS
		6	0	7.01	<13	PASS
	HCH	1	0	6.36	<13	PASS
		1	3	6.45	<13	PASS
		1	5	6.36	<13	PASS
		3	0	6.41	<13	PASS

		3	2	6.51	<13	PASS
		3	3	6.57	<13	PASS
		6	0	6.96	<13	PASS

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.6	<13	PASS
		1	7	4.47	<13	PASS
		1	14	4.53	<13	PASS
		8	0	4.91	<13	PASS
		8	4	4.69	<13	PASS
		8	7	4.69	<13	PASS
		15	0	4.86	<13	PASS
	MCH	1	0	5.76	<13	PASS
		1	7	5.61	<13	PASS
		1	14	5.52	<13	PASS
		8	0	6.31	<13	PASS
		8	4	6.17	<13	PASS
		8	7	5.98	<13	PASS
		15	0	6.25	<13	PASS
	HCH	1	0	4.98	<13	PASS
		1	7	5.35	<13	PASS
		1	14	5.48	<13	PASS
		8	0	5.87	<13	PASS
		8	4	6	<13	PASS
		8	7	6.29	<13	PASS
		15	0	6.17	<13	PASS
16QAM	LCH	1	0	5.31	<13	PASS
		1	7	4.9	<13	PASS
		1	14	5.11	<13	PASS
		8	0	5.64	<13	PASS
		8	4	5.49	<13	PASS
		8	7	5.43	<13	PASS
		15	0	5.81	<13	PASS
	MCH	1	0	6.78	<13	PASS
		1	7	6.51	<13	PASS
		1	14	6.31	<13	PASS
		8	0	7.03	<13	PASS
		8	4	6.85	<13	PASS
		8	7	6.78	<13	PASS
		15	0	7.05	<13	PASS
	HCH	1	0	5.92	<13	PASS
		1	7	5.95	<13	PASS

		1	14	6.42	<13	PASS
		8	0	6.43	<13	PASS
		8	4	6.83	<13	PASS
		8	7	7.08	<13	PASS
		15	0	6.91	<13	PASS

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	3.92	<13	PASS
		1	24	4.93	<13	PASS
		12	0	4.78	<13	PASS
		12	6	4.76	<13	PASS
		12	13	5.15	<13	PASS
		25	0	5.05	<13	PASS
	MCH	1	0	6.13	<13	PASS
		1	12	5.53	<13	PASS
		1	24	5.27	<13	PASS
		12	0	6.28	<13	PASS
		12	6	6.17	<13	PASS
		12	13	5.89	<13	PASS
		25	0	6.18	<13	PASS
	HCH	1	0	4.47	<13	PASS
		1	12	5.13	<13	PASS
		1	24	5.77	<13	PASS
		12	0	5.33	<13	PASS
		12	6	5.85	<13	PASS
		12	13	6.16	<13	PASS
		25	0	5.77	<13	PASS
16QAM	LCH	1	0	5.12	<13	PASS
		1	12	4.71	<13	PASS
		1	24	5.77	<13	PASS
		12	0	5.73	<13	PASS
		12	6	5.56	<13	PASS
		12	13	5.91	<13	PASS
		25	0	5.87	<13	PASS
	MCH	1	0	6.75	<13	PASS
		1	12	6.33	<13	PASS
		1	24	6.03	<13	PASS
		12	0	7.18	<13	PASS
		12	6	6.9	<13	PASS
		12	13	6.66	<13	PASS
		25	0	6.94	<13	PASS

	HCH	1	0	5.38	<13	PASS
		1	12	5.79	<13	PASS
		1	24	6.19	<13	PASS
		12	0	6.02	<13	PASS
		12	6	6.5	<13	PASS
		12	13	7.02	<13	PASS
		25	0	6.52	<13	PASS

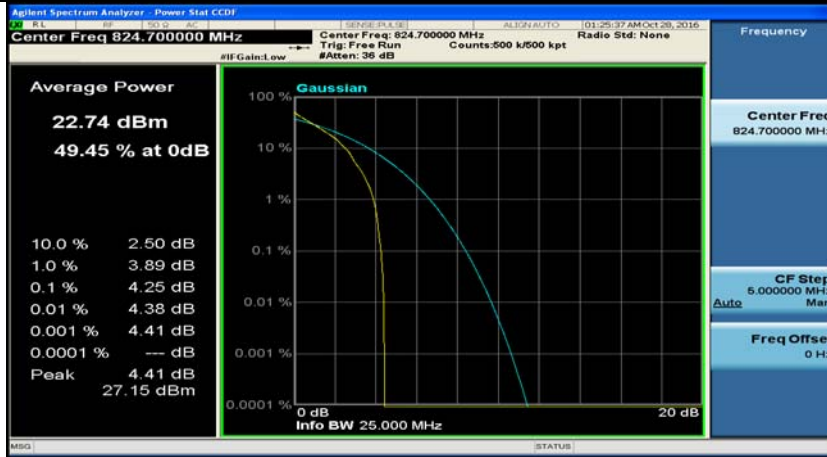
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.08	<13	PASS
		1	24	5.32	<13	PASS
		1	49	6.17	<13	PASS
		25	0	5.28	<13	PASS
		25	12	5.79	<13	PASS
		25	25	6.41	<13	PASS
		50	0	5.86	<13	PASS
	MCH	1	0	5.98	<13	PASS
		1	24	5.68	<13	PASS
		1	49	4.73	<13	PASS
		25	0	6.39	<13	PASS
		25	12	6.18	<13	PASS
		25	25	5.7	<13	PASS
		50	0	6.11	<13	PASS
	HCH	1	0	4.33	<13	PASS
		1	24	4.44	<13	PASS
		1	49	5.5	<13	PASS
		25	0	5.06	<13	PASS
		25	12	4.93	<13	PASS
		25	25	5.85	<13	PASS
		50	0	5.28	<13	PASS
16QAM	LCH	1	0	5.58	<13	PASS
		1	24	6.34	<13	PASS
		1	49	7.04	<13	PASS
		25	0	5.9	<13	PASS
		25	12	6.36	<13	PASS
		25	25	7.26	<13	PASS
		50	0	6.35	<13	PASS
	MCH	1	0	6.92	<13	PASS
		1	24	6.49	<13	PASS
		1	49	5.71	<13	PASS
		25	0	7.27	<13	PASS
		25	12	6.91	<13	PASS

		25	25	6.54	<13	PASS
		50	0	6.7	<13	PASS
	HCH	1	0	5.52	<13	PASS
		1	24	5.27	<13	PASS
		1	49	6.43	<13	PASS
		25	0	5.76	<13	PASS
		25	12	5.8	<13	PASS
		25	25	6.36	<13	PASS
		50	0	6.02	<13	PASS

### Test Graphs

### Channel Bandwidth: 1.4 MHz

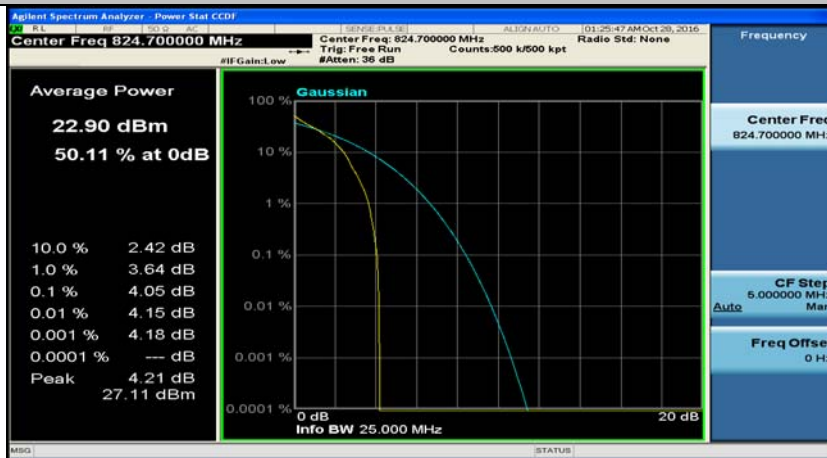
(Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK\_1RB#0



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



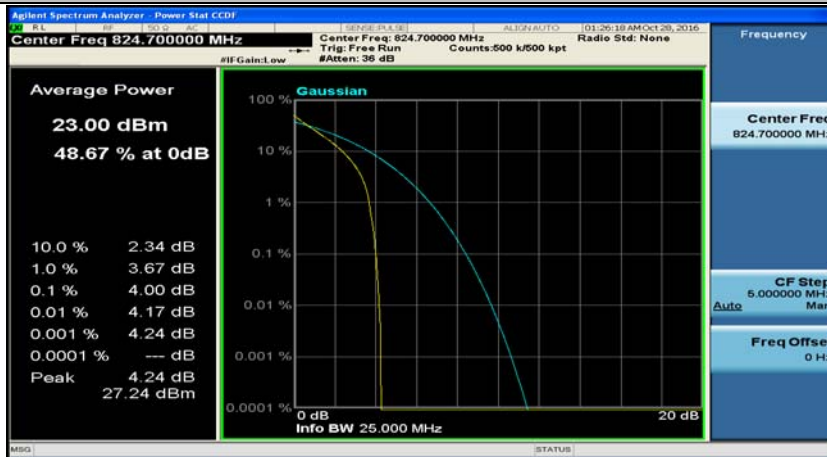
(Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK\_1RB#5



(Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK\_3RB#0



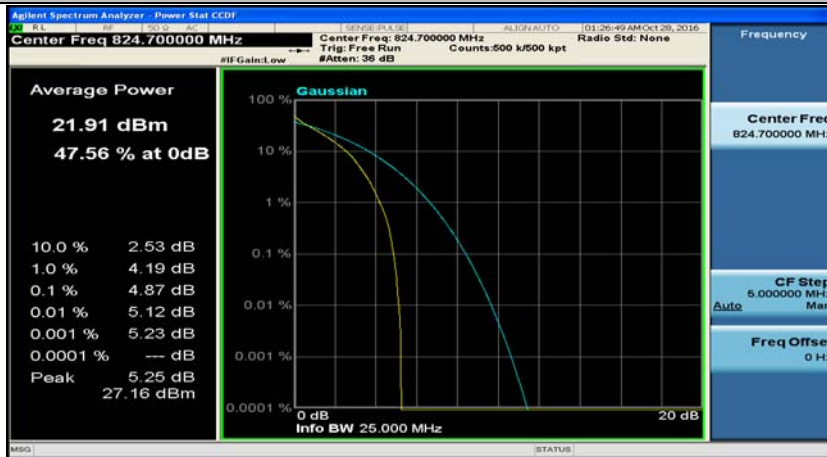
(Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK\_3RB#2



(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



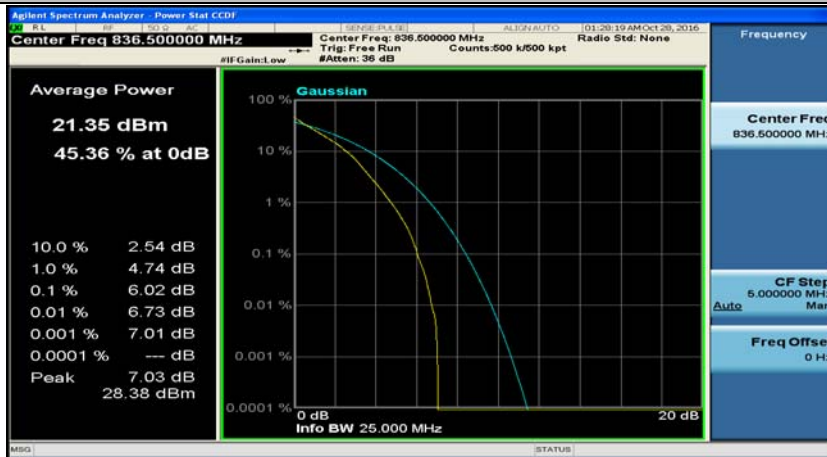
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(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_3RB#3



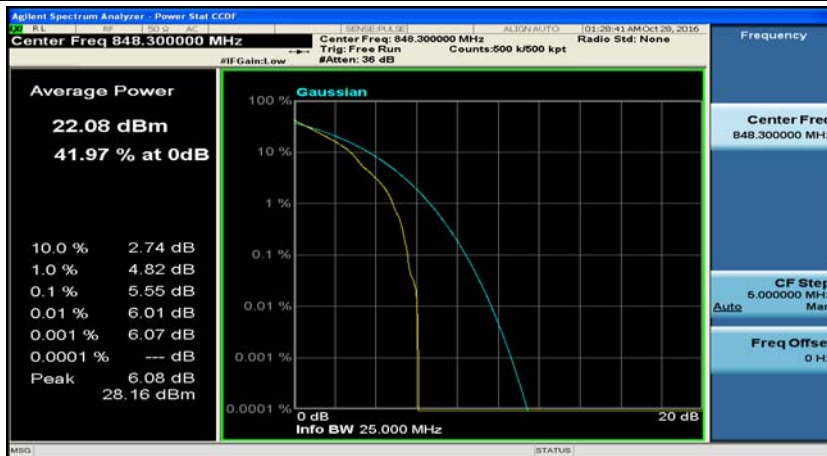
(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_6RB#0



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



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



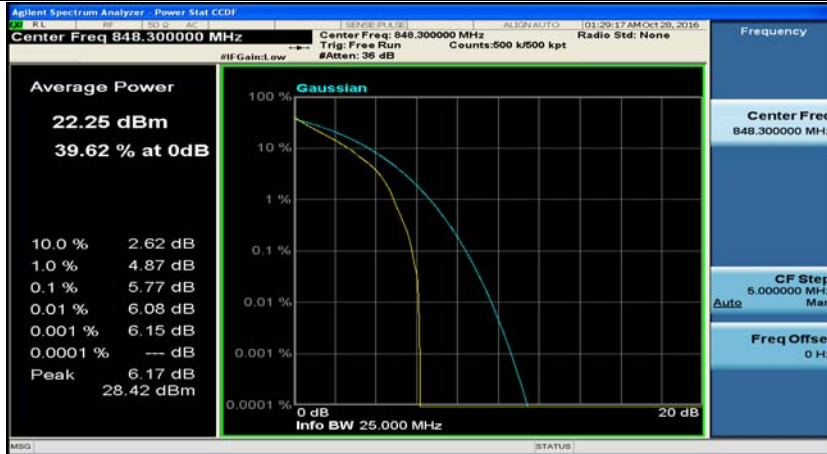
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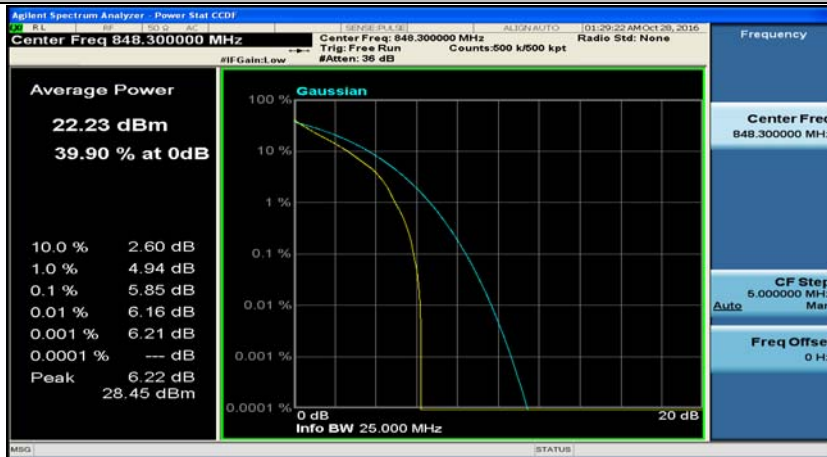
(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_3RB#0



(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



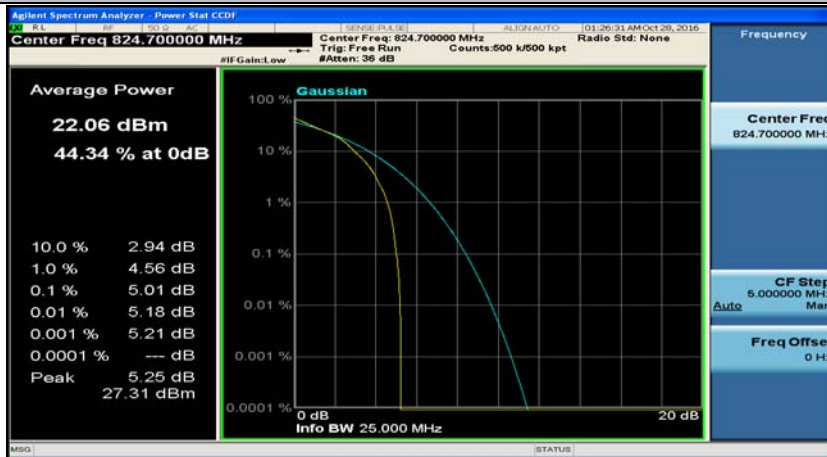
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(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_1RB#5



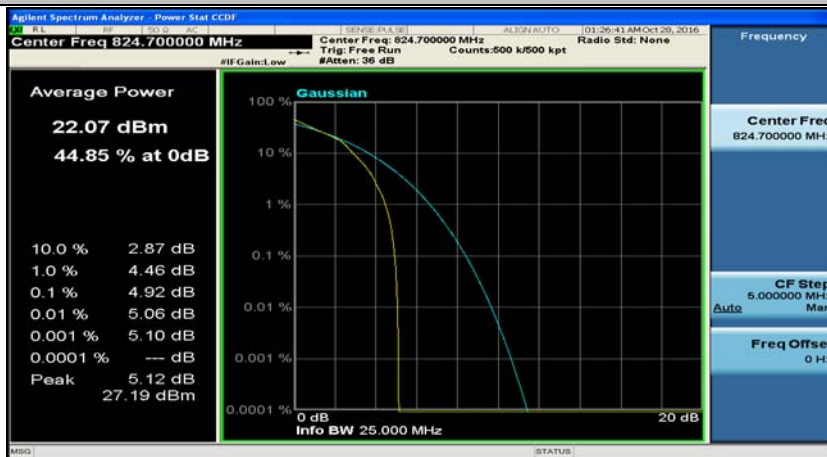
(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_3RB#0



(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



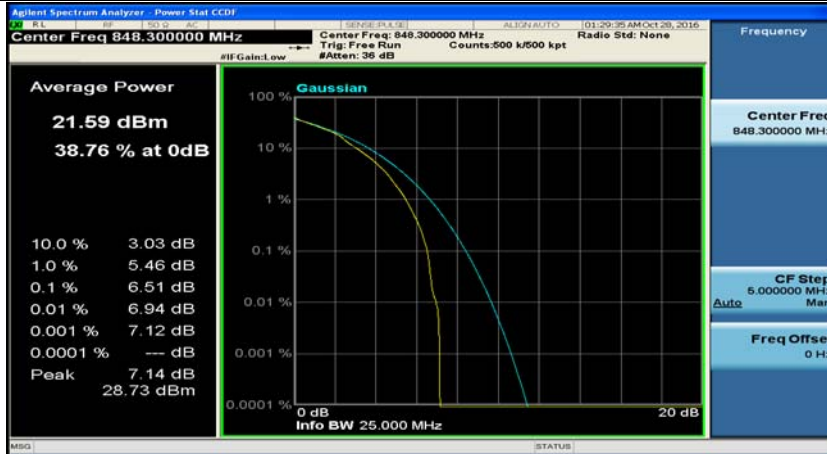
(Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM\_1RB#5



(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

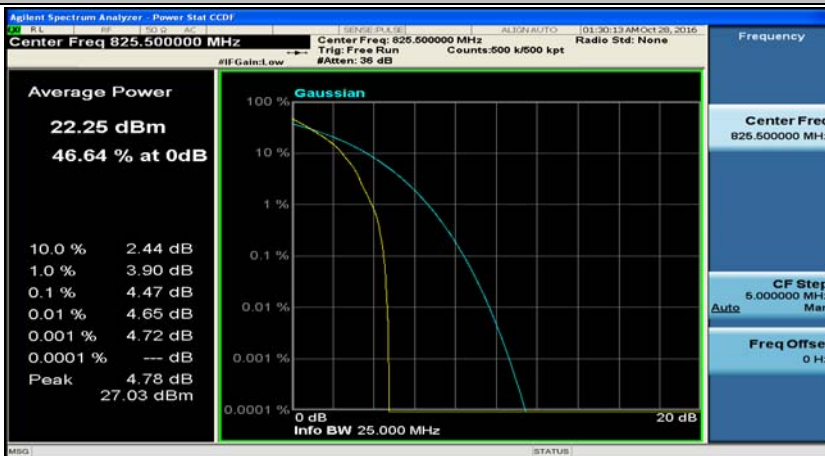


Channel Bandwidth: 3 MHz

(Channel Bandwidth: 3 MHz)\_LCH\_QPSK\_1RB#0



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



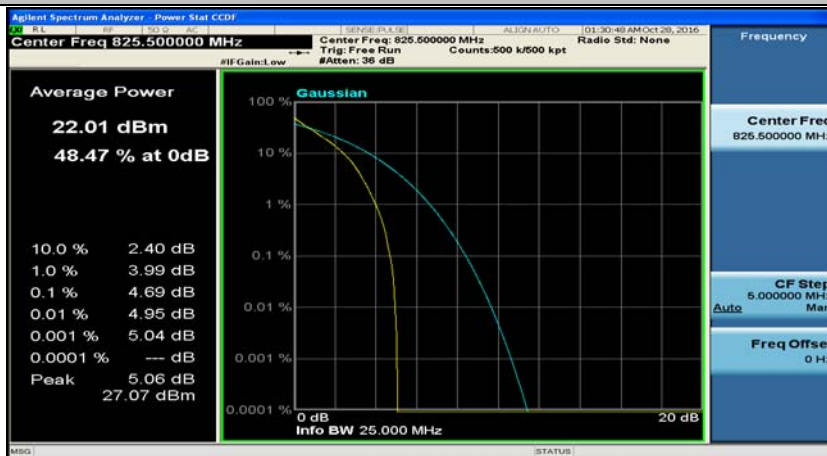
(Channel Bandwidth: 3 MHz)\_LCH\_QPSK\_1RB#14



(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



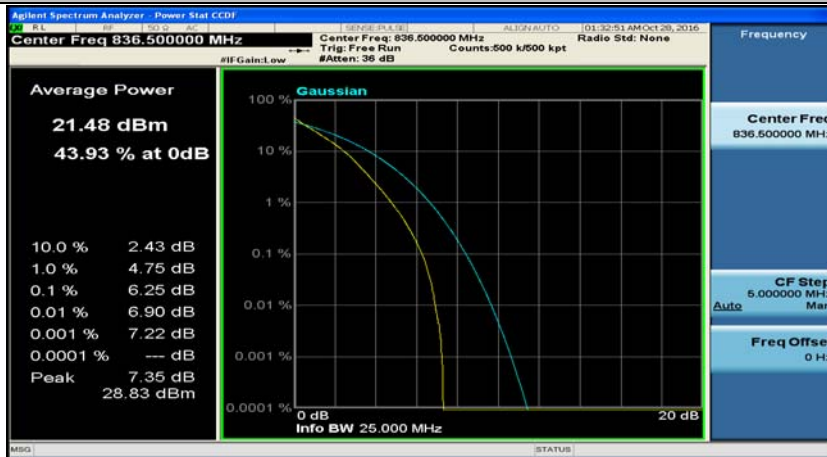
(Channel Bandwidth: 3 MHz)\_MCH\_QPSK\_8RB#4



(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



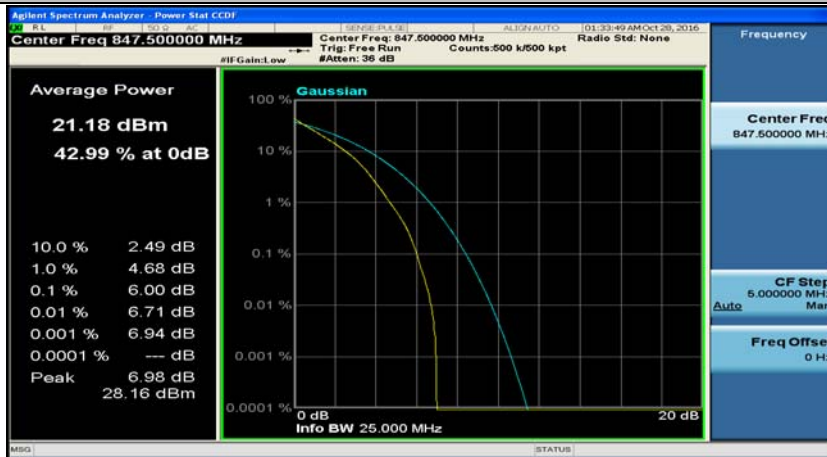
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(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_8RB#4



(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_8RB#7



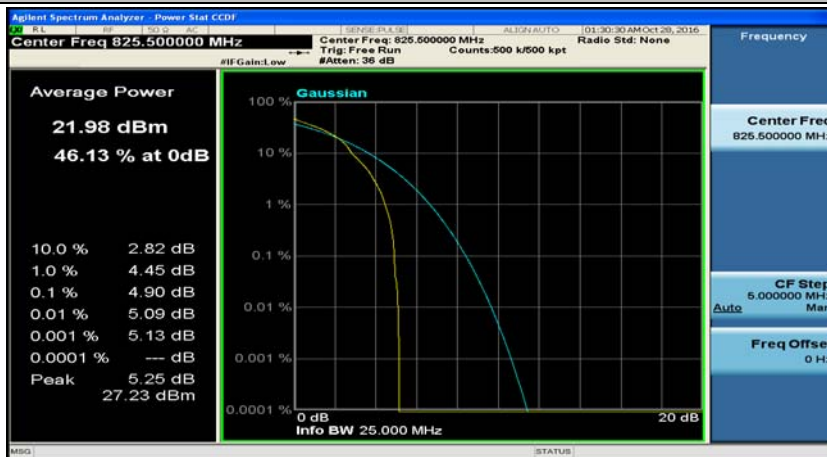
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(Channel Bandwidth: 3 MHz)\_LCH\_16QAM\_1RB#0



(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



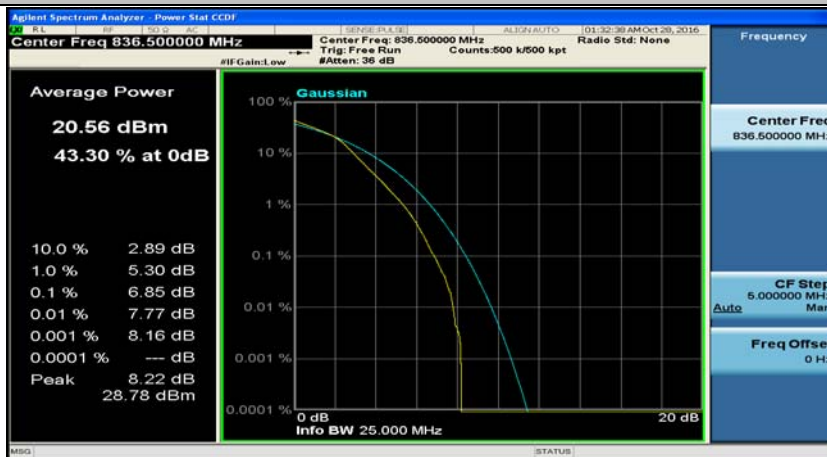
(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_1RB#14



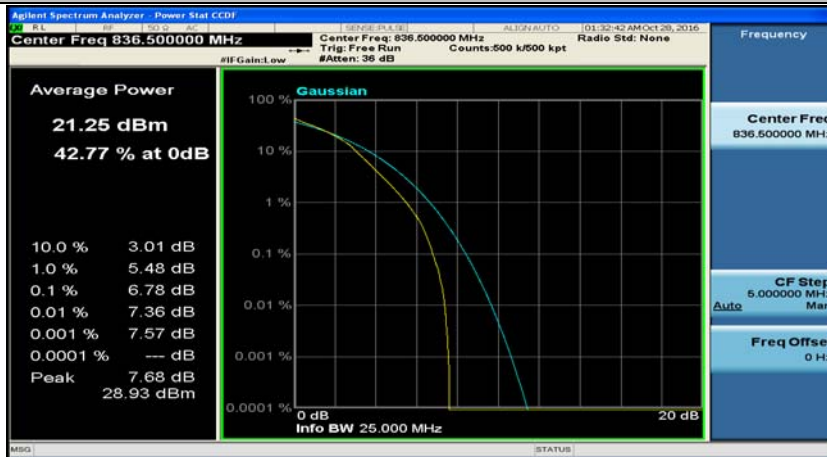
(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_8RB#0



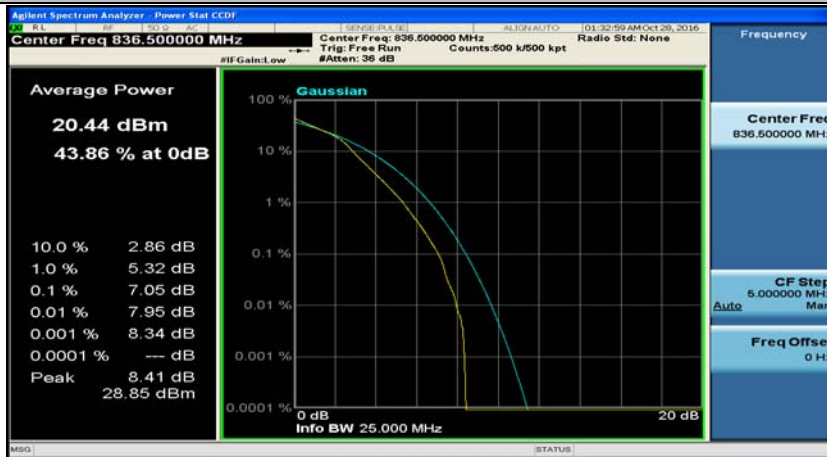
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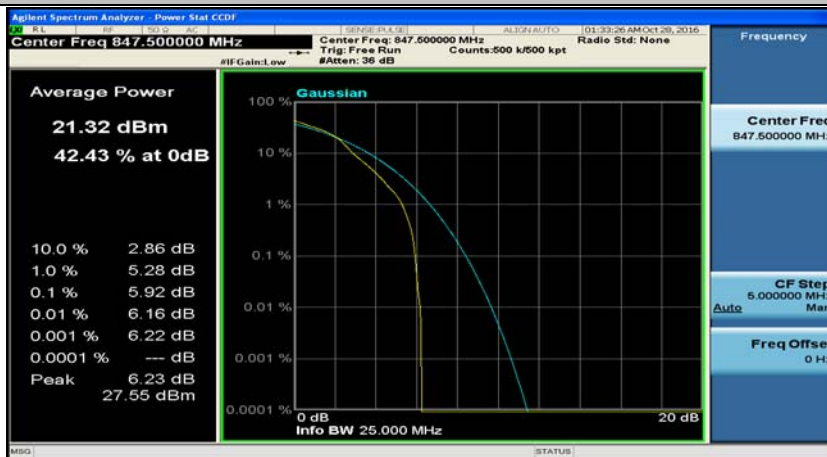
(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_8RB#7



(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_15RB#0



(Channel Bandwidth: 3 MHz)\_HCH\_16QAM\_1RB#0



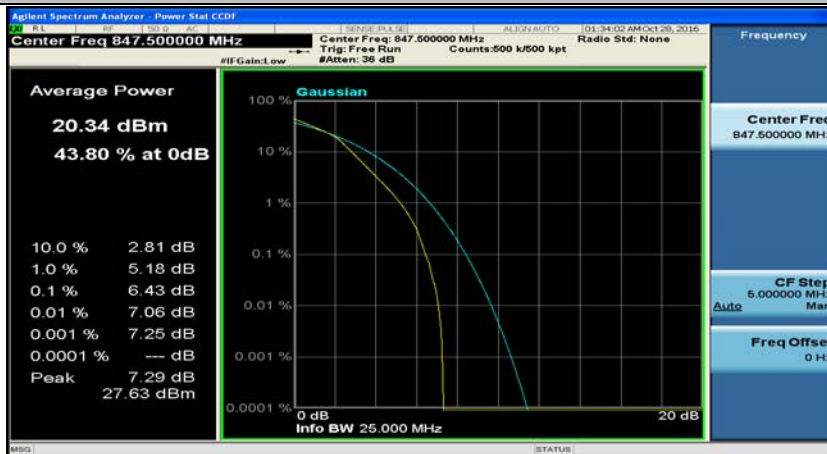
(Channel Bandwidth: 3 MHz)\_HCH\_16QAM\_1RB#7



(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

