

## Appendix for Band 26(814-824MHz)

### 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	22.83	PASS
		1	3	22.98	PASS
		1	5	22.81	PASS
		3	0	22.19	PASS
		3	2	22.14	PASS
		3	3	22.19	PASS
		6	0	21.87	PASS
	MCH	1	0	22.79	PASS
		1	3	22.96	PASS
		1	5	22.85	PASS
		3	0	22.17	PASS
		3	2	22.13	PASS
		3	3	22.15	PASS
		6	0	21.88	PASS
	HCH	1	0	22.87	PASS
		1	3	23.01	PASS
		1	5	22.89	PASS
		3	0	22.08	PASS
		3	2	22.01	PASS
		3	3	22.04	PASS
		6	0	21.92	PASS
16QAM	LCH	1	0	22.05	PASS
		1	3	22.23	PASS
		1	5	22.10	PASS
		3	0	22.03	PASS
		3	2	22.02	PASS
		3	3	22.01	PASS
		6	0	20.84	PASS
	MCH	1	0	22.28	PASS
		1	3	22.42	PASS
		1	5	22.30	PASS
		3	0	21.96	PASS

		3	2	21.99	PASS
		3	3	21.98	PASS
		6	0	20.84	PASS
	HCH	1	0	22.21	PASS
		1	3	22.35	PASS
		1	5	22.22	PASS
		3	0	22.04	PASS
		3	2	22.06	PASS
		3	3	22.09	PASS
		6	0	21.06	PASS

### Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.84	PASS
		1	7	23.13	PASS
		1	14	22.91	PASS
		8	0	21.92	PASS
		8	4	21.94	PASS
		8	7	21.91	PASS
		15	0	21.88	PASS
	MCH	1	0	22.90	PASS
		1	7	23.15	PASS
		1	14	22.90	PASS
		8	0	21.84	PASS
		8	4	21.95	PASS
		8	7	21.90	PASS
		15	0	21.84	PASS
	HCH	1	0	22.96	PASS
		1	7	23.33	PASS
		1	14	22.93	PASS
		8	0	21.89	PASS
		8	4	21.93	PASS
		8	7	21.89	PASS
		15	0	21.86	PASS
16QAM	LCH	1	0	22.14	PASS
		1	7	22.46	PASS
		1	14	22.24	PASS
		8	0	20.97	PASS
		8	4	21.03	PASS
		8	7	20.97	PASS
		15	0	20.87	PASS

	MCH	1	0	22.35	PASS
		1	7	22.47	PASS
		1	14	22.36	PASS
		8	0	20.90	PASS
		8	4	20.91	PASS
		8	7	20.93	PASS
		15	0	20.87	PASS
	HCH	1	0	22.29	PASS
		1	7	22.40	PASS
		1	14	22.22	PASS
		8	0	20.88	PASS
		8	4	20.94	PASS
		8	7	20.87	PASS
		15	0	20.93	PASS

**Channel Bandwidth: 5 MHz**

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.84	PASS
		1	12	23.26	PASS
		1	24	22.85	PASS
		12	0	21.90	PASS
		12	6	22.01	PASS
		12	13	21.91	PASS
		25	0	21.97	PASS
	MCH	1	0	22.86	PASS
		1	12	23.21	PASS
		1	24	22.84	PASS
		12	0	21.86	PASS
		12	6	21.96	PASS
		12	13	21.93	PASS
		25	0	21.95	PASS
	HCH	1	0	22.94	PASS
		1	12	23.27	PASS
		1	24	22.89	PASS
		12	0	21.82	PASS
		12	6	22.00	PASS
		12	13	21.89	PASS
		25	0	21.92	PASS
16QAM	LCH	1	0	22.10	PASS
		1	12	22.52	PASS
		1	24	22.14	PASS

		12	0	20.95	PASS
		12	6	21.05	PASS
		12	13	21.02	PASS
		25	0	21.04	PASS
	MCH	1	0	22.17	PASS
		1	12	22.57	PASS
		1	24	22.16	PASS
		12	0	21.01	PASS
		12	6	21.11	PASS
		12	13	21.07	PASS
		25	0	21.01	PASS
	HCH	1	0	22.10	PASS
		1	12	22.46	PASS
		1	24	22.07	PASS
12		0	20.84	PASS	
12		6	20.99	PASS	
12		13	20.92	PASS	
25		0	21.00	PASS	

**Channel Bandwidth: 10 MHz**

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	MCH	1	0	22.86	PASS
		1	24	23.41	PASS
		1	49	22.85	PASS
		25	0	22.17	PASS
		25	12	22.21	PASS
		25	25	22.16	PASS
		50	0	22.19	PASS
16QAM	MCH	1	0	22.12	PASS
		1	24	22.37	PASS
		1	49	22.15	PASS
		25	0	20.96	PASS
		25	12	21.00	PASS
		25	25	21.05	PASS
		50	0	20.94	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	4.39	<13	PASS
		1	3	4.51	<13	PASS
		1	5	4.8	<13	PASS
		3	0	4.56	<13	PASS
		3	2	4.7	<13	PASS
		3	3	4.81	<13	PASS
		6	0	5.19	<13	PASS
	MCH	1	0	5.37	<13	PASS
		1	3	5.27	<13	PASS
		1	5	5.3	<13	PASS
		3	0	5.51	<13	PASS
		3	2	5.43	<13	PASS
		3	3	5.47	<13	PASS
		6	0	5.64	<13	PASS
	HCH	1	0	5.05	<13	PASS
		1	3	4.94	<13	PASS
		1	5	5	<13	PASS
		3	0	5.06	<13	PASS
		3	2	5.15	<13	PASS
		3	3	5.18	<13	PASS
		6	0	5.55	<13	PASS
16QAM	LCH	1	0	5.37	<13	PASS
		1	3	5.41	<13	PASS
		1	5	5.78	<13	PASS
		3	0	5.46	<13	PASS
		3	2	5.67	<13	PASS
		3	3	5.69	<13	PASS
		6	0	6.15	<13	PASS
	MCH	1	0	6.4	<13	PASS
		1	3	6.37	<13	PASS
		1	5	6.21	<13	PASS
		3	0	6.14	<13	PASS

		3	2	6.26	<13	PASS
		3	3	6.14	<13	PASS
		6	0	6.69	<13	PASS
	HCH	1	0	5.97	<13	PASS
		1	3	5.99	<13	PASS
		1	5	6.07	<13	PASS
		3	0	6.04	<13	PASS
		3	2	6.11	<13	PASS
		3	3	6.26	<13	PASS
		6	0	6.57	<13	PASS

**Channel Bandwidth: 3 MHz**

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.41	<13	PASS
		1	7	4.91	<13	PASS
		1	14	5.32	<13	PASS
		8	0	5.38	<13	PASS
		8	4	5.57	<13	PASS
		8	7	5.64	<13	PASS
		15	0	5.45	<13	PASS
	MCH	1	0	5.18	<13	PASS
		1	7	5.1	<13	PASS
		1	14	4.93	<13	PASS
		8	0	5.76	<13	PASS
		8	4	5.76	<13	PASS
		8	7	5.7	<13	PASS
		15	0	5.78	<13	PASS
	HCH	1	0	5.13	<13	PASS
		1	7	5.05	<13	PASS
		1	14	5.07	<13	PASS
		8	0	5.62	<13	PASS
		8	4	5.6	<13	PASS
		8	7	5.6	<13	PASS
		15	0	5.55	<13	PASS
16QAM	LCH	1	0	5.25	<13	PASS
		1	7	5.85	<13	PASS
		1	14	6.12	<13	PASS
		8	0	6.07	<13	PASS
		8	4	6.25	<13	PASS

		8	7	6.32	<13	PASS
		15	0	6.39	<13	PASS
	MCH	1	0	5.95	<13	PASS
		1	7	5.97	<13	PASS
		1	14	6.08	<13	PASS
		8	0	6.41	<13	PASS
		8	4	6.42	<13	PASS
		8	7	6.3	<13	PASS
		15	0	6.54	<13	PASS
		HCH	1	0	6.21	<13
	1		7	5.81	<13	PASS
	1		14	6.13	<13	PASS
	8		0	6.67	<13	PASS
	8		4	6.61	<13	PASS
	8		7	6.64	<13	PASS
	15		0	6.35	<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	4.75	<13	PASS
		1	12	5.47	<13	PASS
		1	24	5.72	<13	PASS
		12	0	5.48	<13	PASS
		12	6	5.63	<13	PASS
		12	13	5.76	<13	PASS
		25	0	5.62	<13	PASS
	MCH	1	0	5.47	<13	PASS
		1	12	5.31	<13	PASS
		1	24	5.18	<13	PASS
		12	0	5.64	<13	PASS
		12	6	5.61	<13	PASS
		12	13	5.58	<13	PASS
		25	0	5.7	<13	PASS
	HCH	1	0	5.24	<13	PASS
		1	12	5.1	<13	PASS
		1	24	5.04	<13	PASS
		12	0	5.65	<13	PASS
		12	6	5.61	<13	PASS
		12	13	5.59	<13	PASS

		25	0	5.65	<13	PASS
16QAM	LCH	1	0	5.47	<13	PASS
		1	12	6.11	<13	PASS
		1	24	6.37	<13	PASS
		12	0	6.34	<13	PASS
		12	6	6.61	<13	PASS
		12	13	6.66	<13	PASS
		25	0	6.32	<13	PASS
	MCH	1	0	6.35	<13	PASS
		1	12	6.27	<13	PASS
		1	24	6.37	<13	PASS
		12	0	6.54	<13	PASS
		12	6	6.42	<13	PASS
		12	13	6.4	<13	PASS
		25	0	6.47	<13	PASS
	HCH	1	0	6.01	<13	PASS
		1	12	5.95	<13	PASS
		1	24	6.17	<13	PASS
		12	0	6.51	<13	PASS
		12	6	6.5	<13	PASS
		12	13	6.49	<13	PASS
		25	0	6.41	<13	PASS

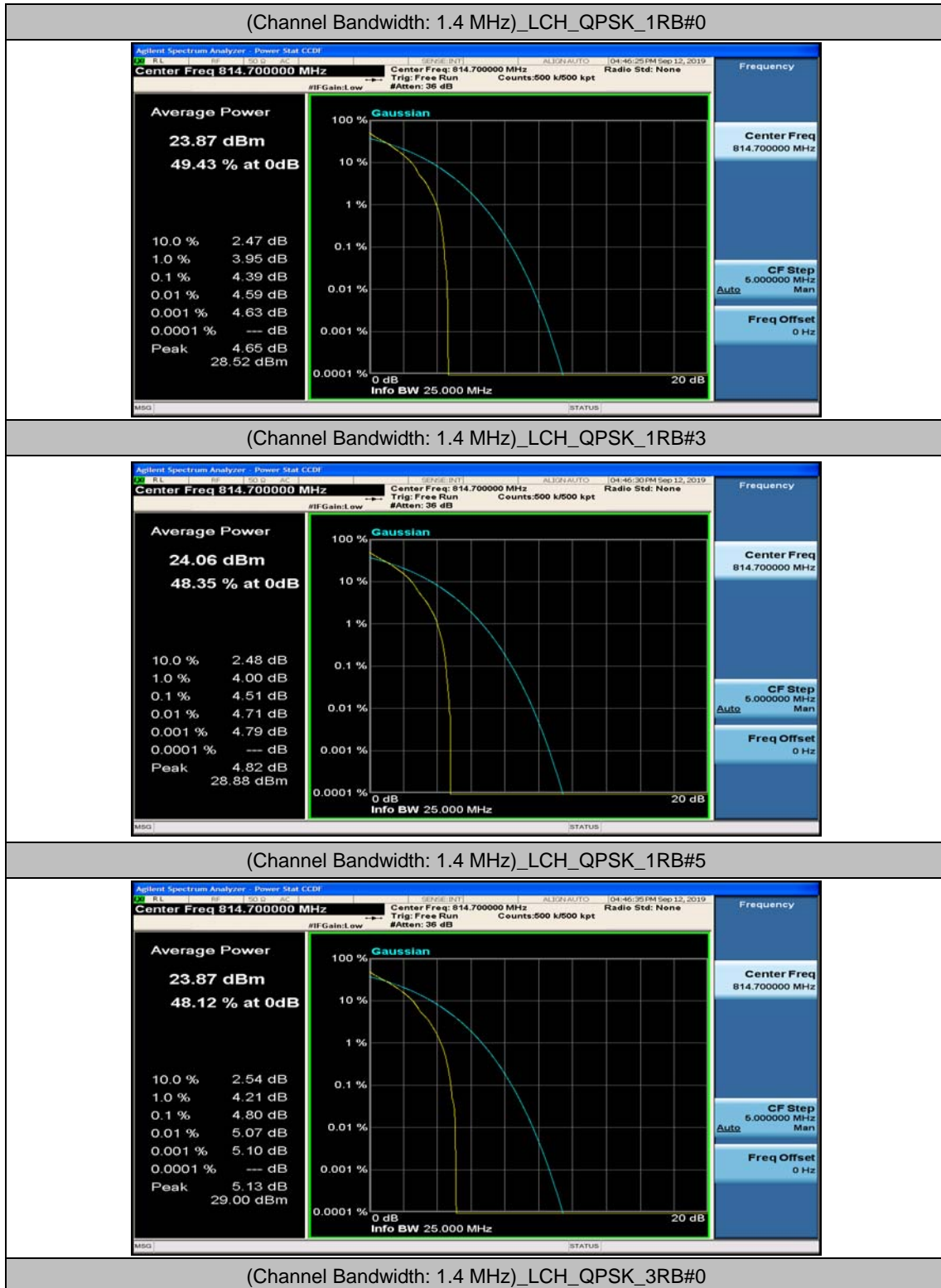
**Channel Bandwidth: 10 MHz**

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	MCH	1	0	4.65	<13	PASS
		1	24	5.19	<13	PASS
		1	49	5.08	<13	PASS
		25	0	5.62	<13	PASS
		25	12	5.73	<13	PASS
		25	25	5.67	<13	PASS
		50	0	5.58	<13	PASS
16QAM	MCH	1	0	5.41	<13	PASS
		1	24	6.25	<13	PASS
		1	49	6.03	<13	PASS
		25	0	6.44	<13	PASS
		25	12	6.53	<13	PASS
		25	25	6.43	<13	PASS
		50	0	6.35	<13	PASS



## Test Graphs

### Channel Bandwidth: 1.4 MHz





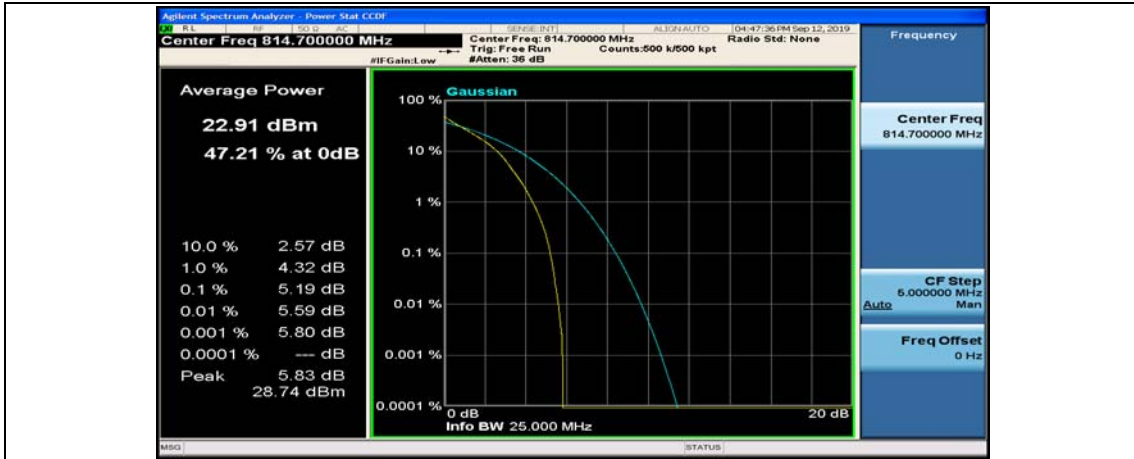
(Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK\_3RB#2



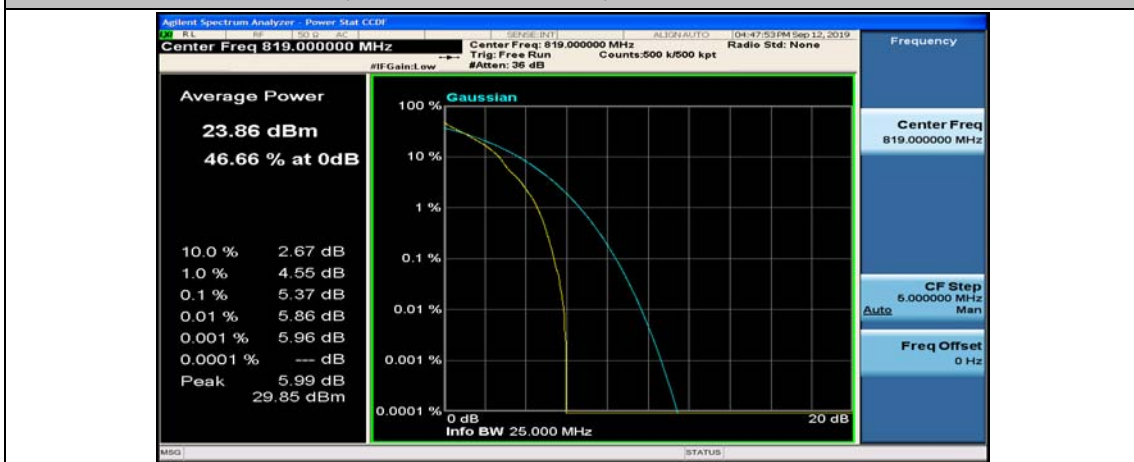
(Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK\_3RB#3



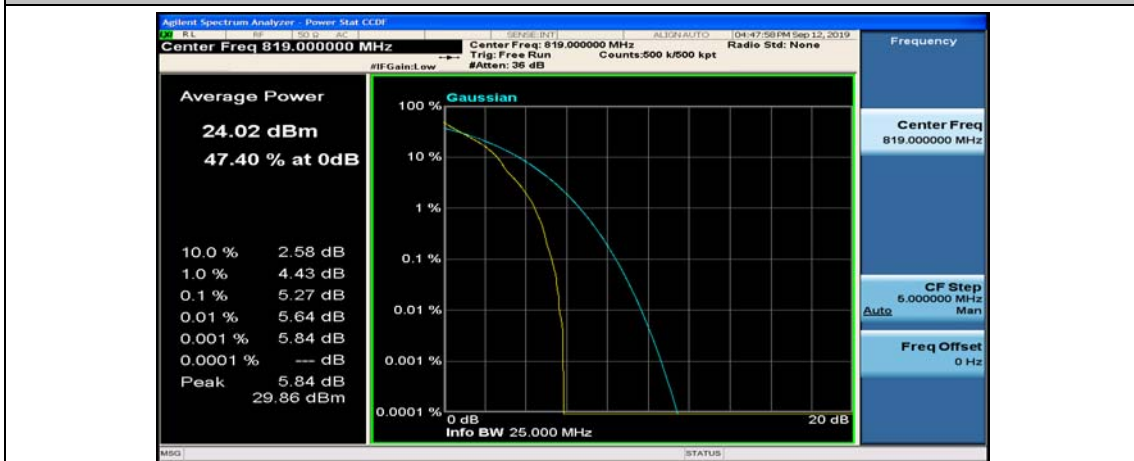
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(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_1RB#0



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



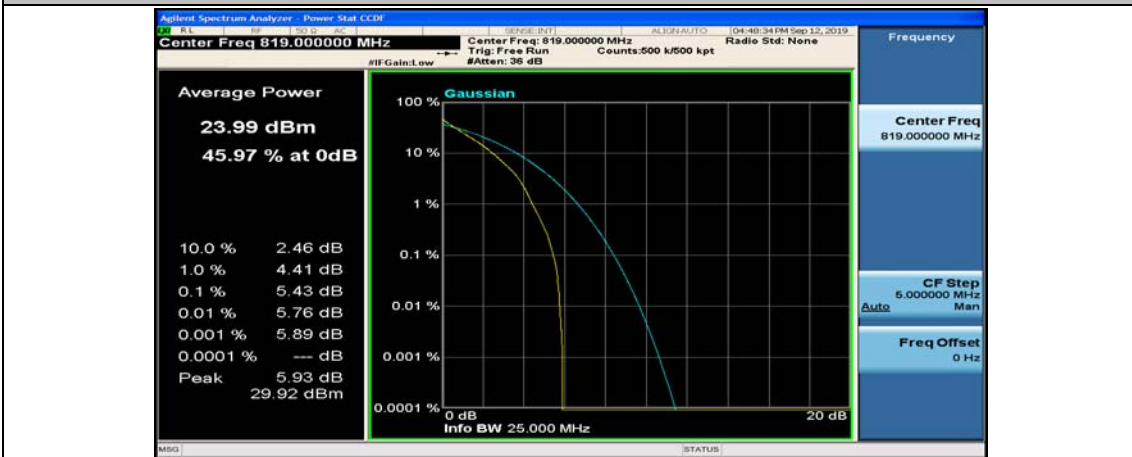
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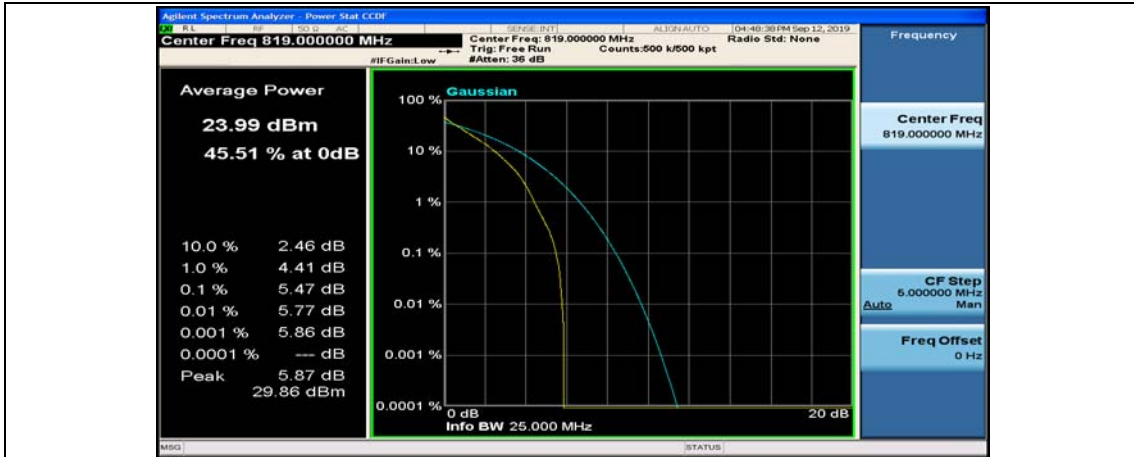
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(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_3RB#2



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



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

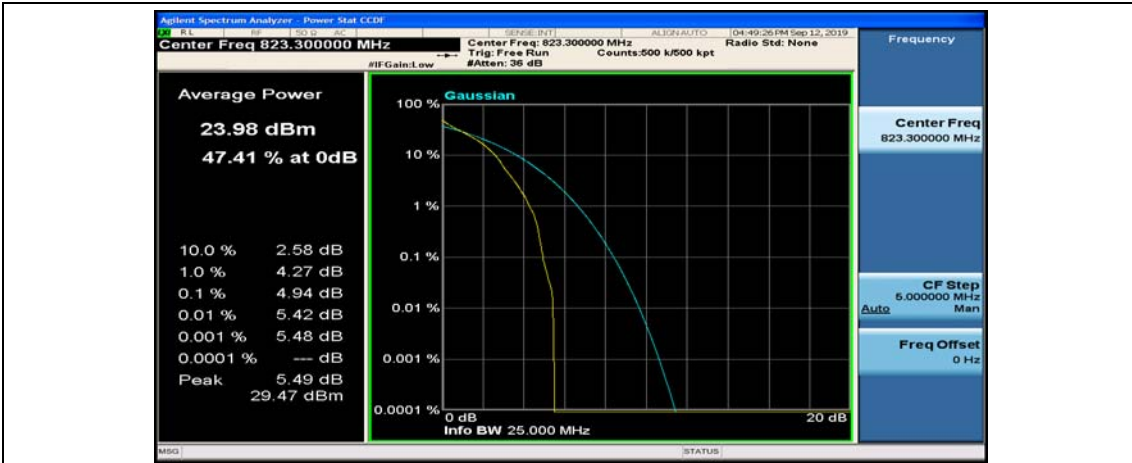


(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_1RB#0



(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



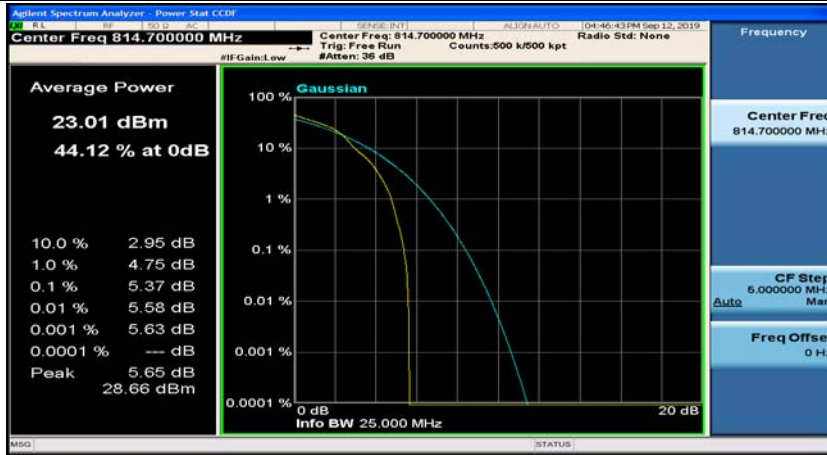
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(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_6RB#0



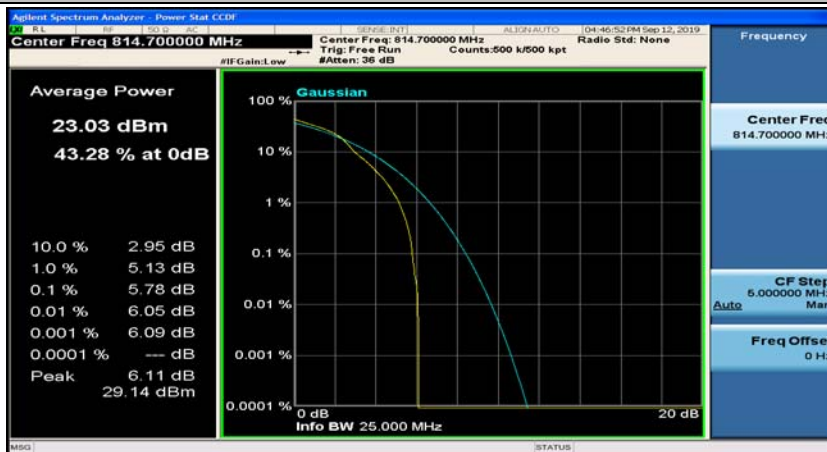
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(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_1RB#3



(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



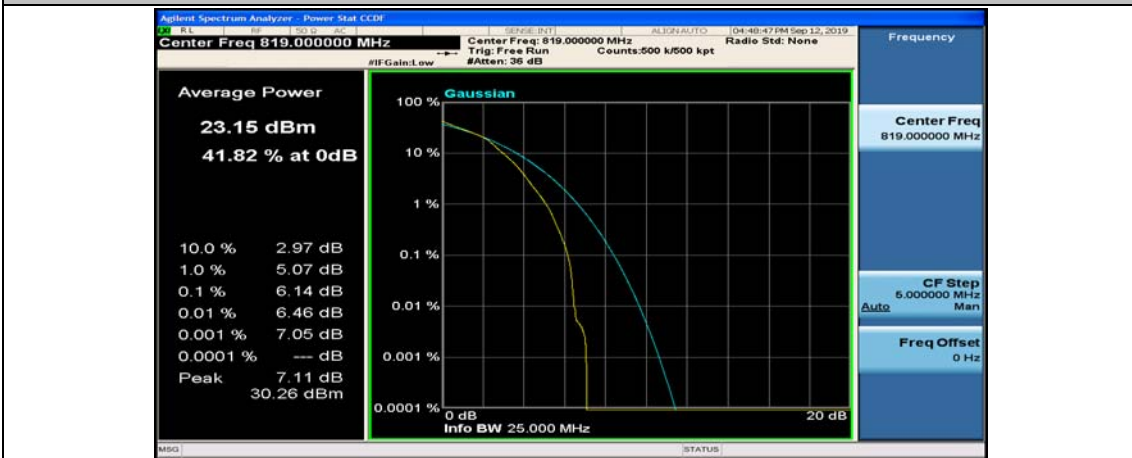
(Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM\_1RB#3



(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



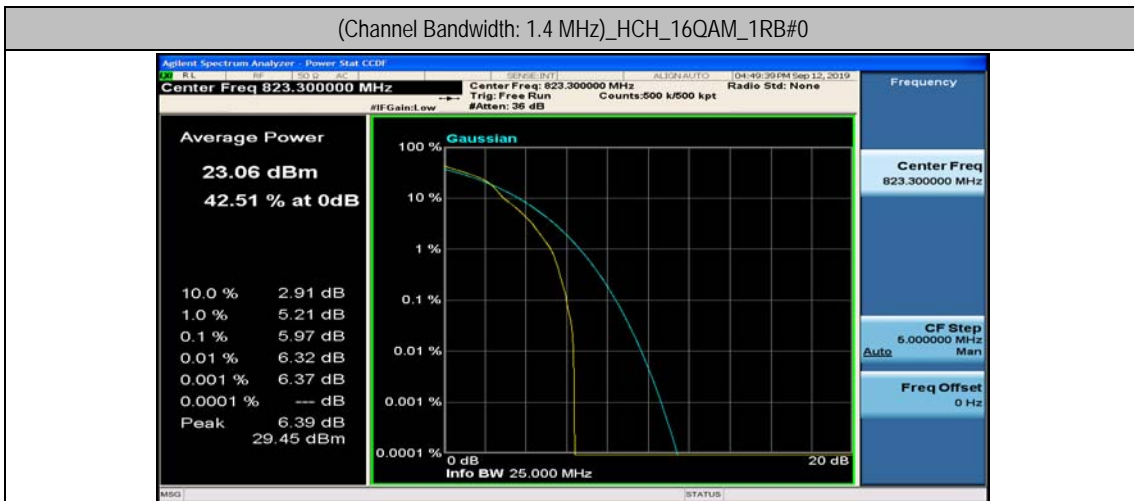
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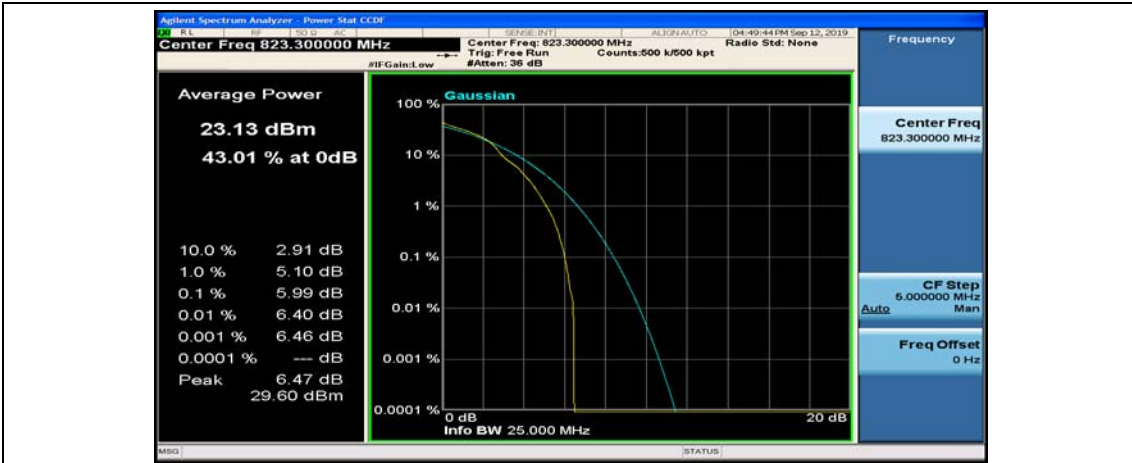
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(Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM\_1RB#0



(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

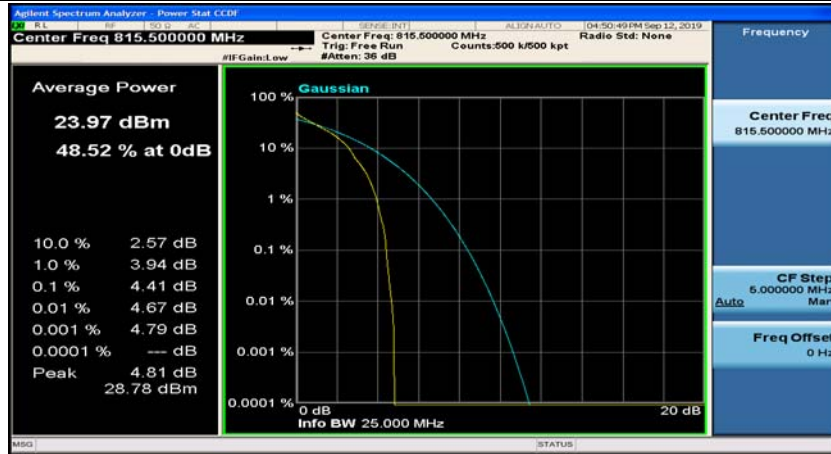


(Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM\_6RB#0

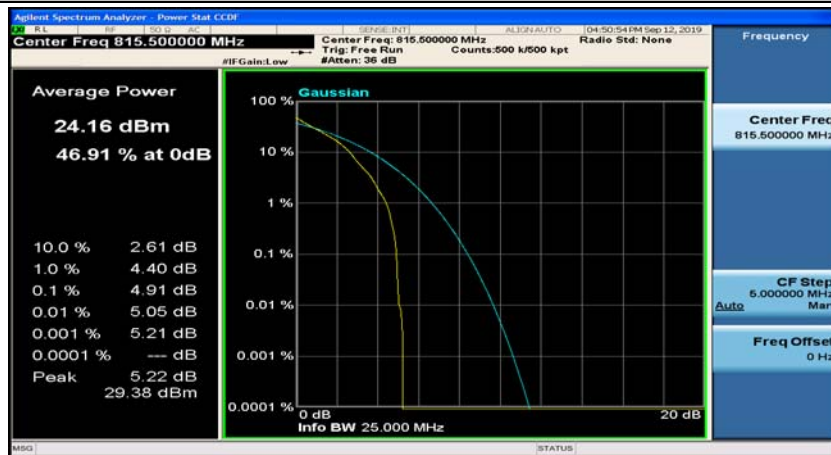


Channel Bandwidth: 3 MHz

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



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



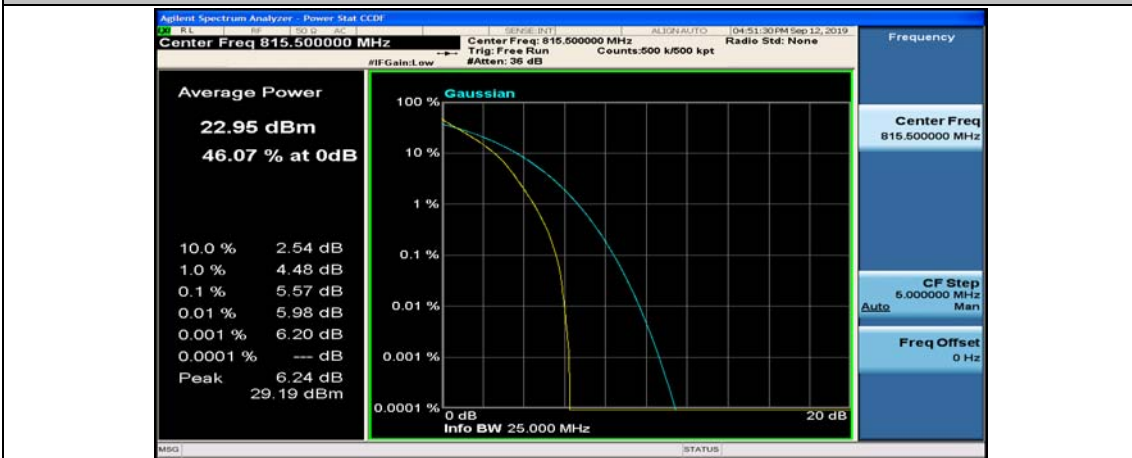
(Channel Bandwidth: 3 MHz)\_LCH\_QPSK\_1RB#14



(Channel Bandwidth: 3 MHz)\_LCH\_QPSK\_8RB#0



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



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

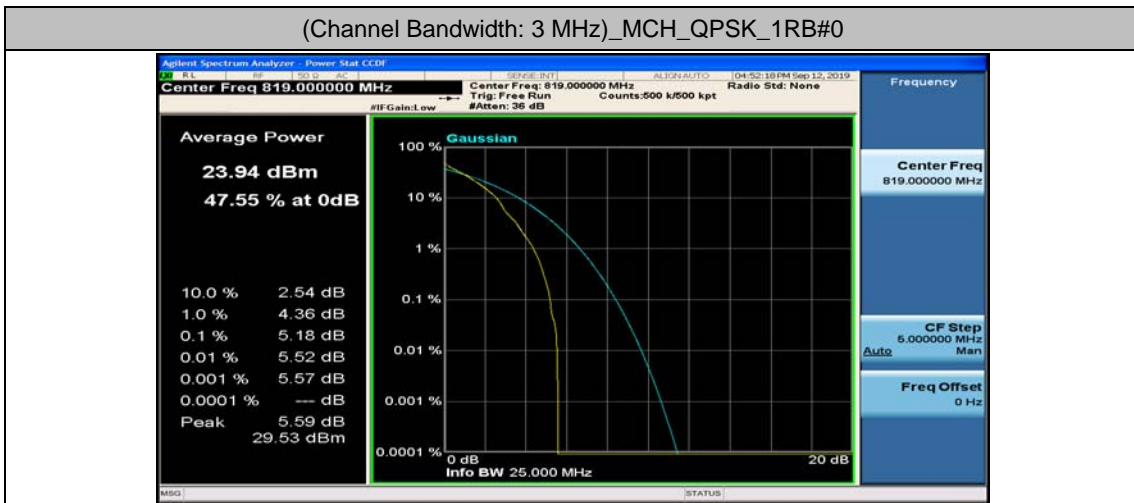


(Channel Bandwidth: 3 MHz)\_LCH\_QPSK\_15RB#0





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



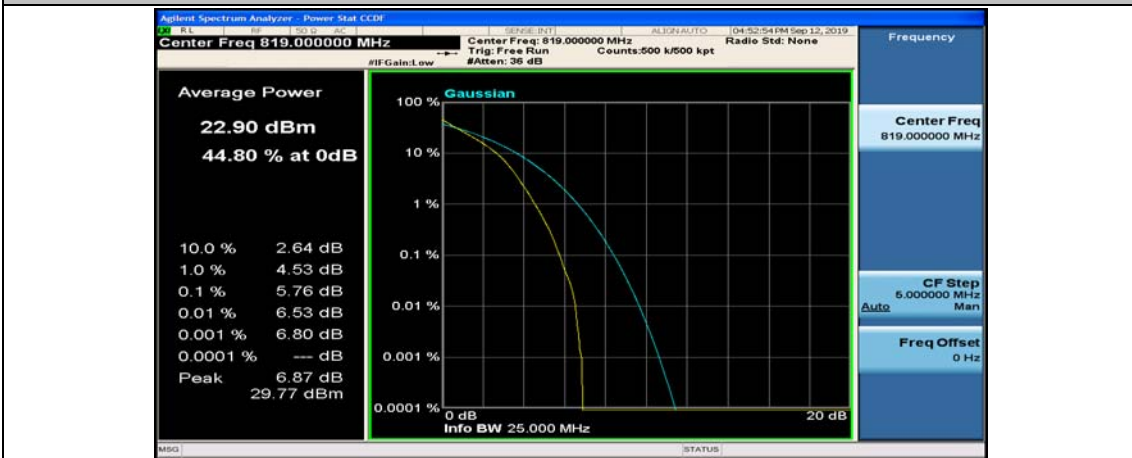
(Channel Bandwidth: 3 MHz)\_MCH\_QPSK\_1RB#7



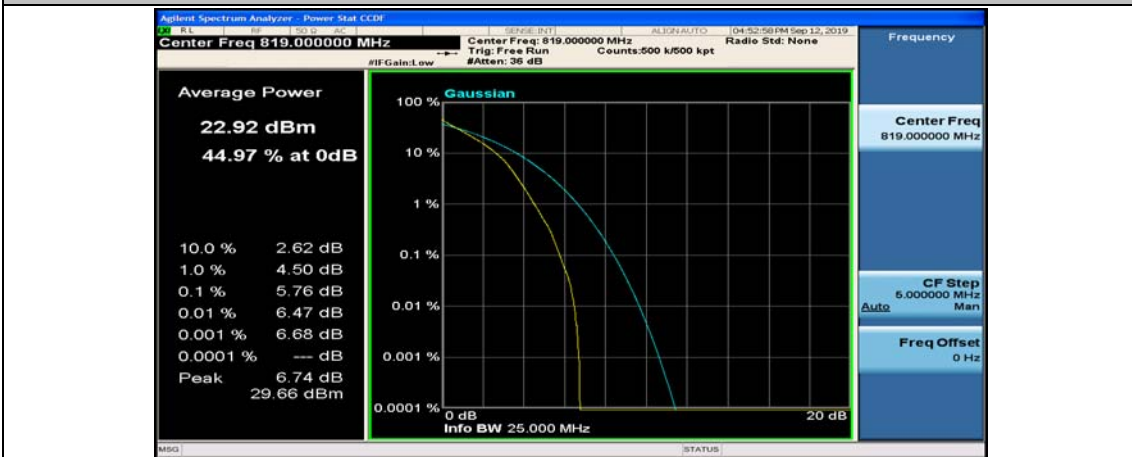
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(Channel Bandwidth: 3 MHz)\_MCH\_QPSK\_8RB#0



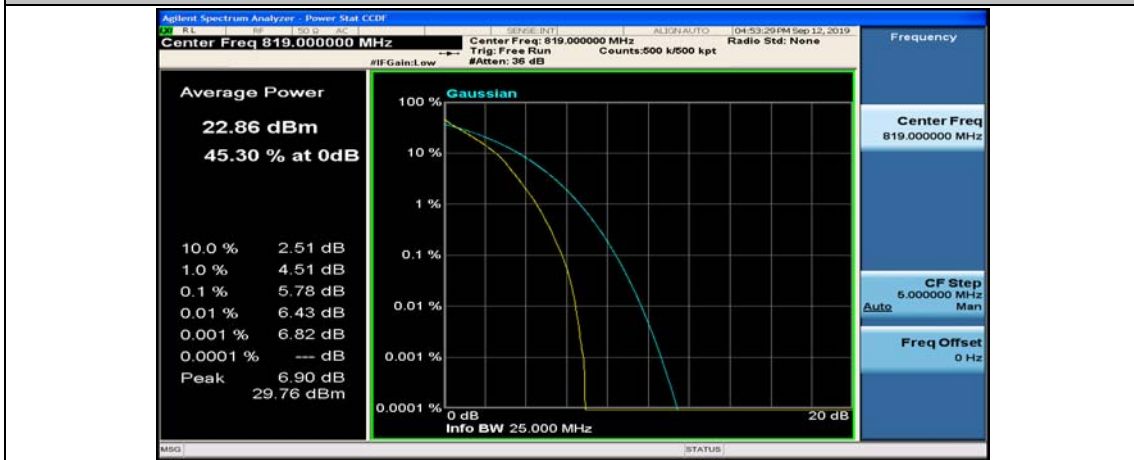
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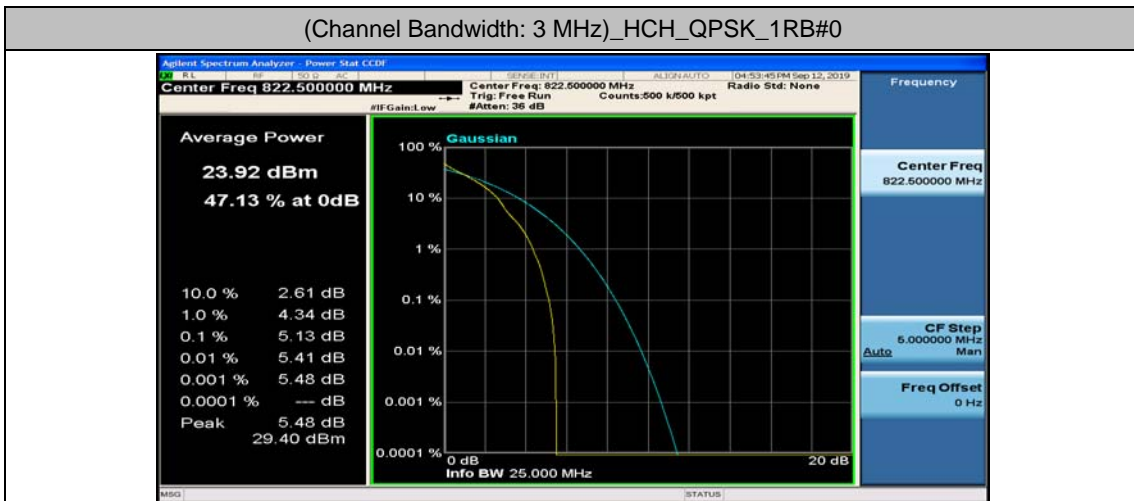
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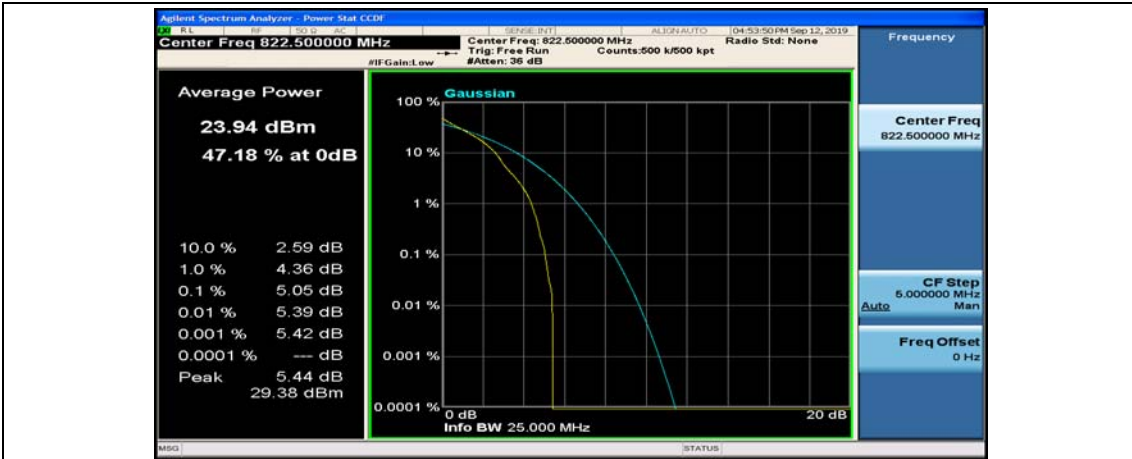
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(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_1RB#0



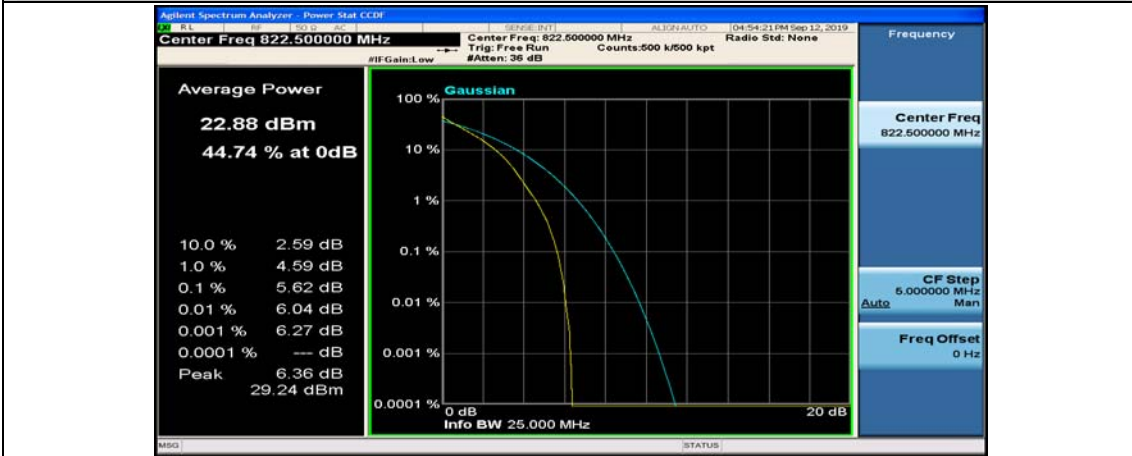
(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_1RB#7



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



(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_8RB#0



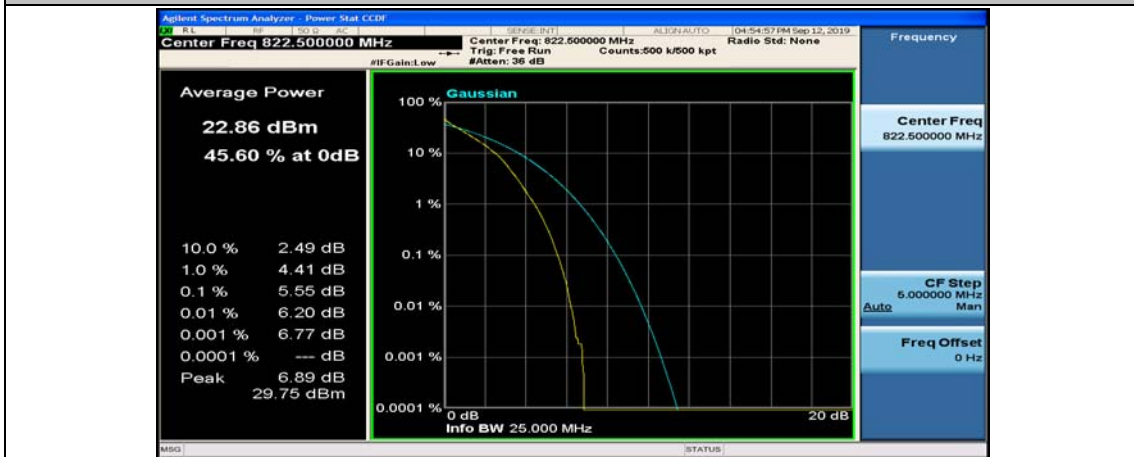
(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_8RB#4



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

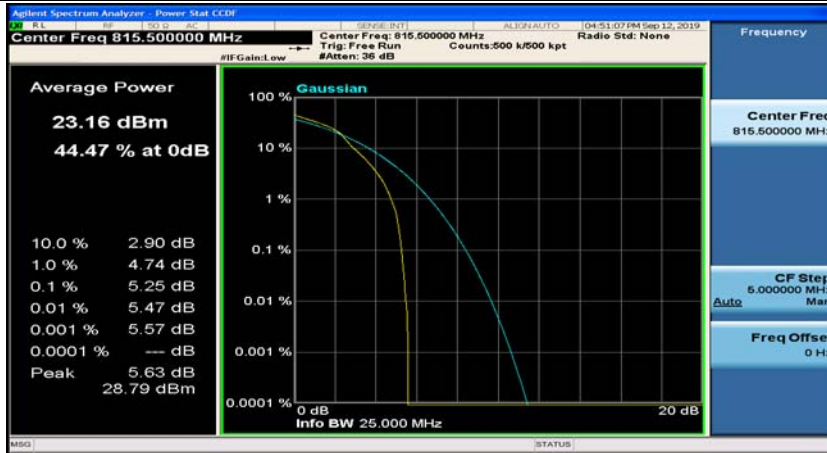


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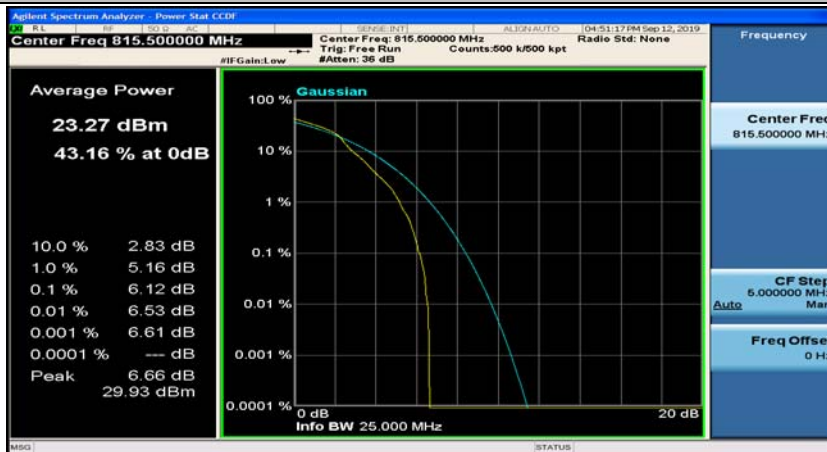
(Channel Bandwidth: 3 MHz)\_LCH\_16QAM\_1RB#0



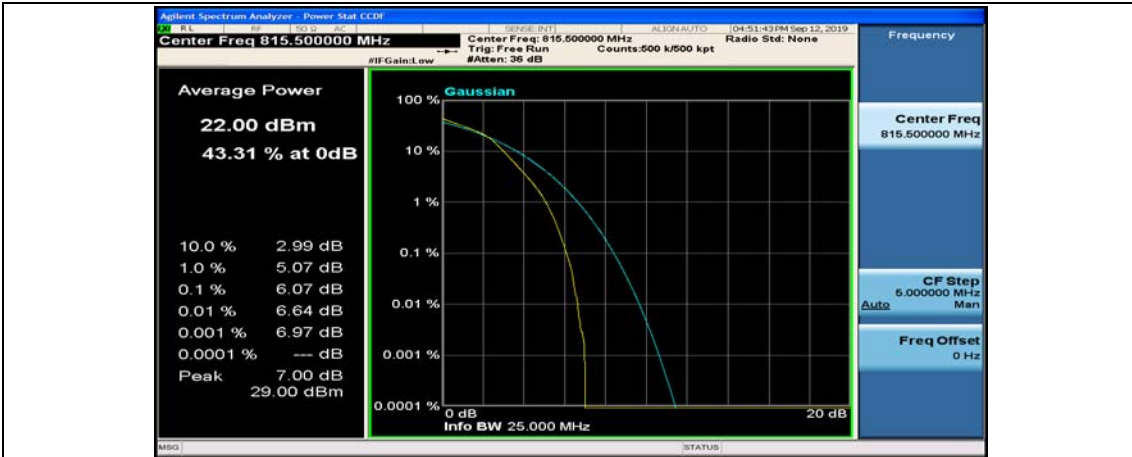
(Channel Bandwidth: 3 MHz)\_LCH\_16QAM\_1RB#7



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



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



(Channel Bandwidth: 3 MHz)\_LCH\_16QAM\_8RB#4



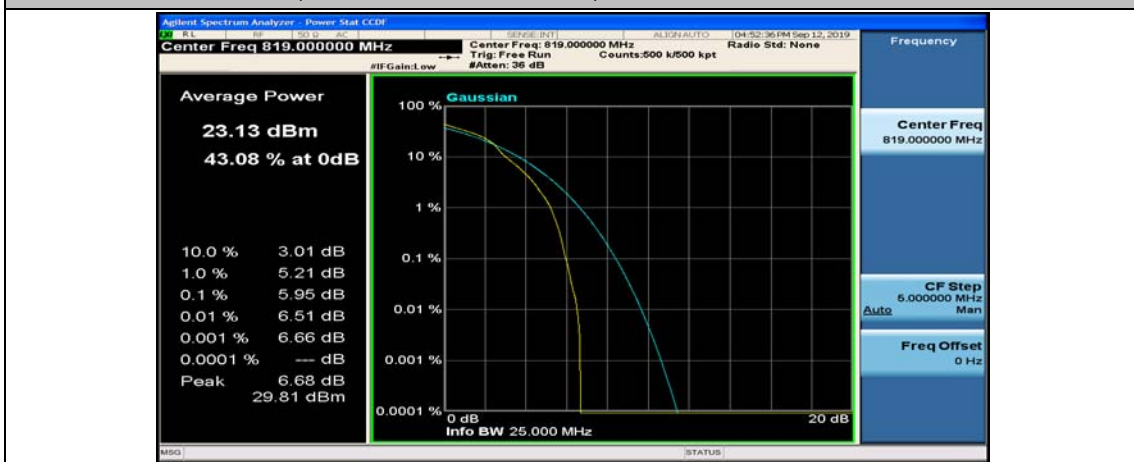
(Channel Bandwidth: 3 MHz)\_LCH\_16QAM\_8RB#7



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



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



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

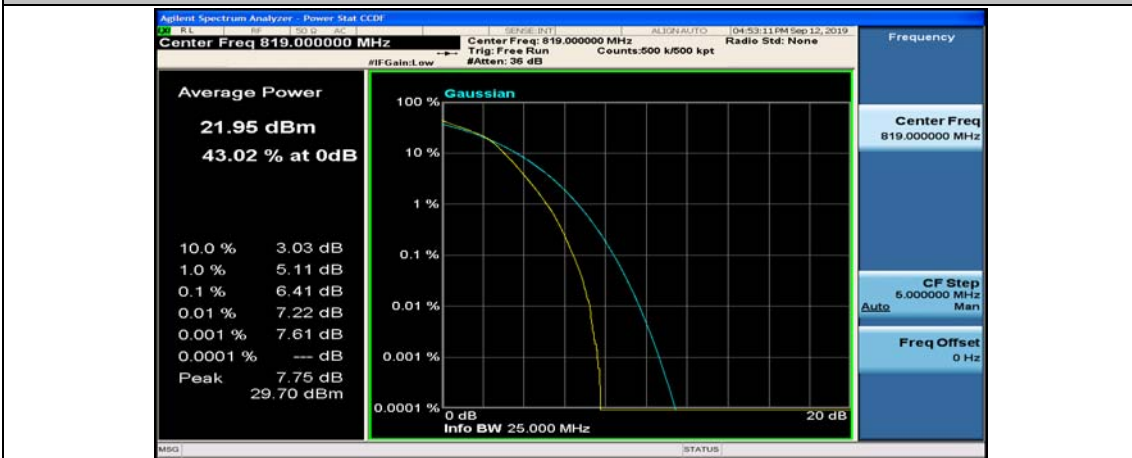


(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_1RB#14





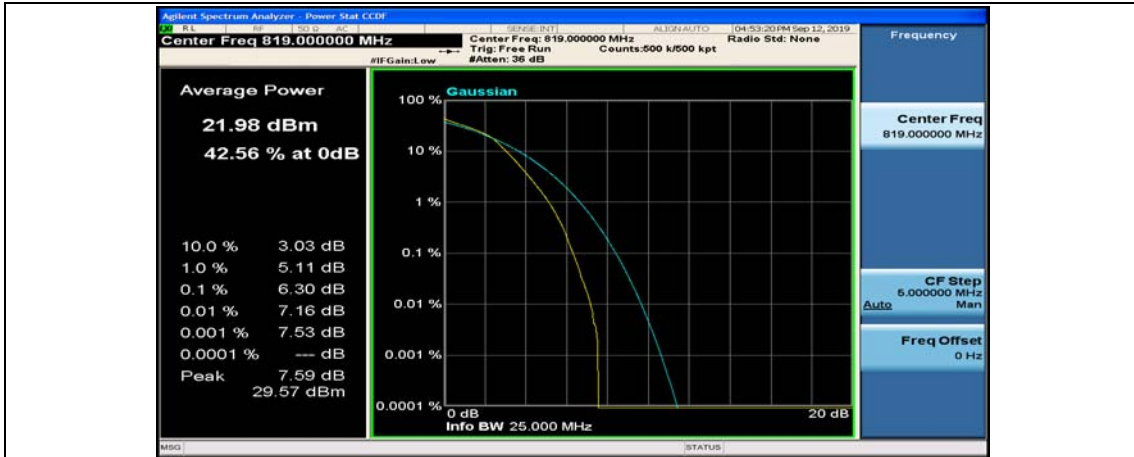
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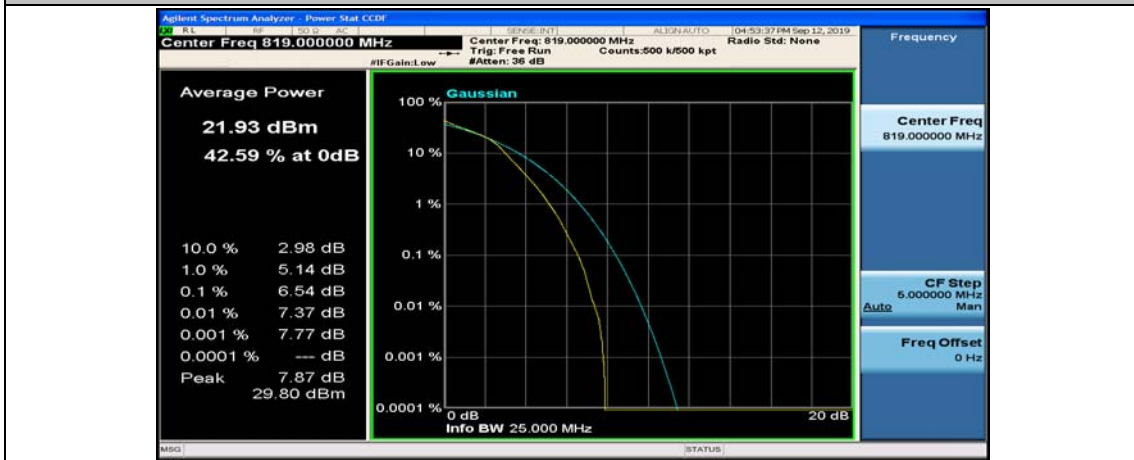
(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_8RB#4



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



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



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



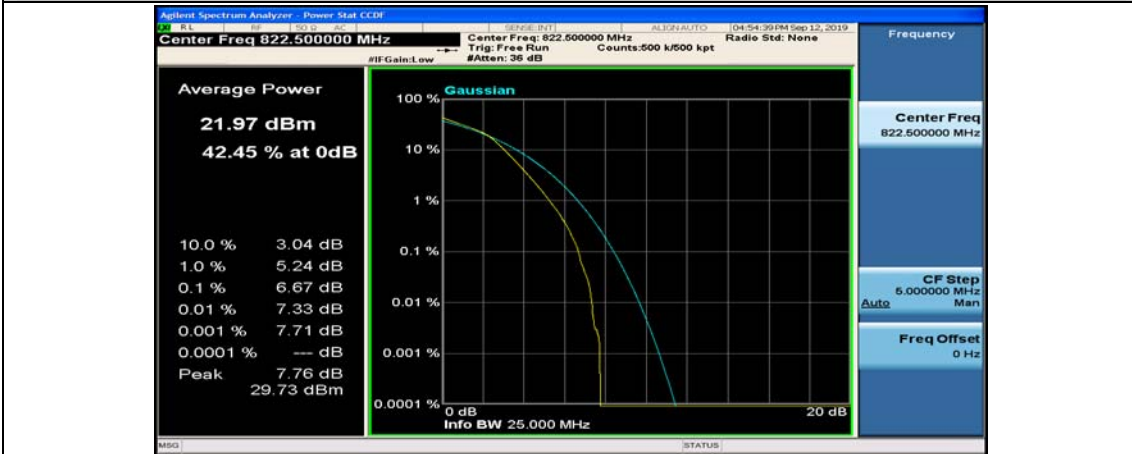
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(Channel Bandwidth: 3 MHz)\_HCH\_16QAM\_1RB#14



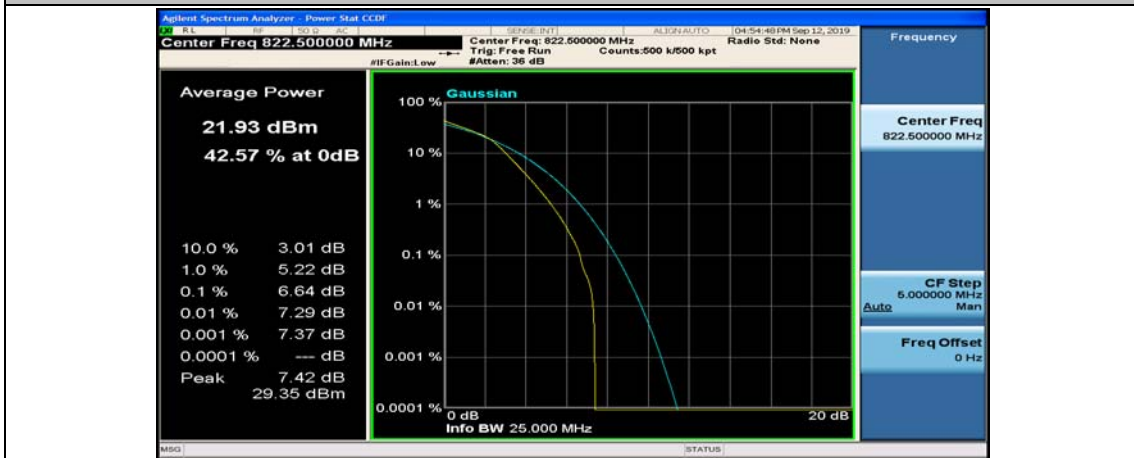
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(Channel Bandwidth: 3 MHz)\_HCH\_16QAM\_8RB#4



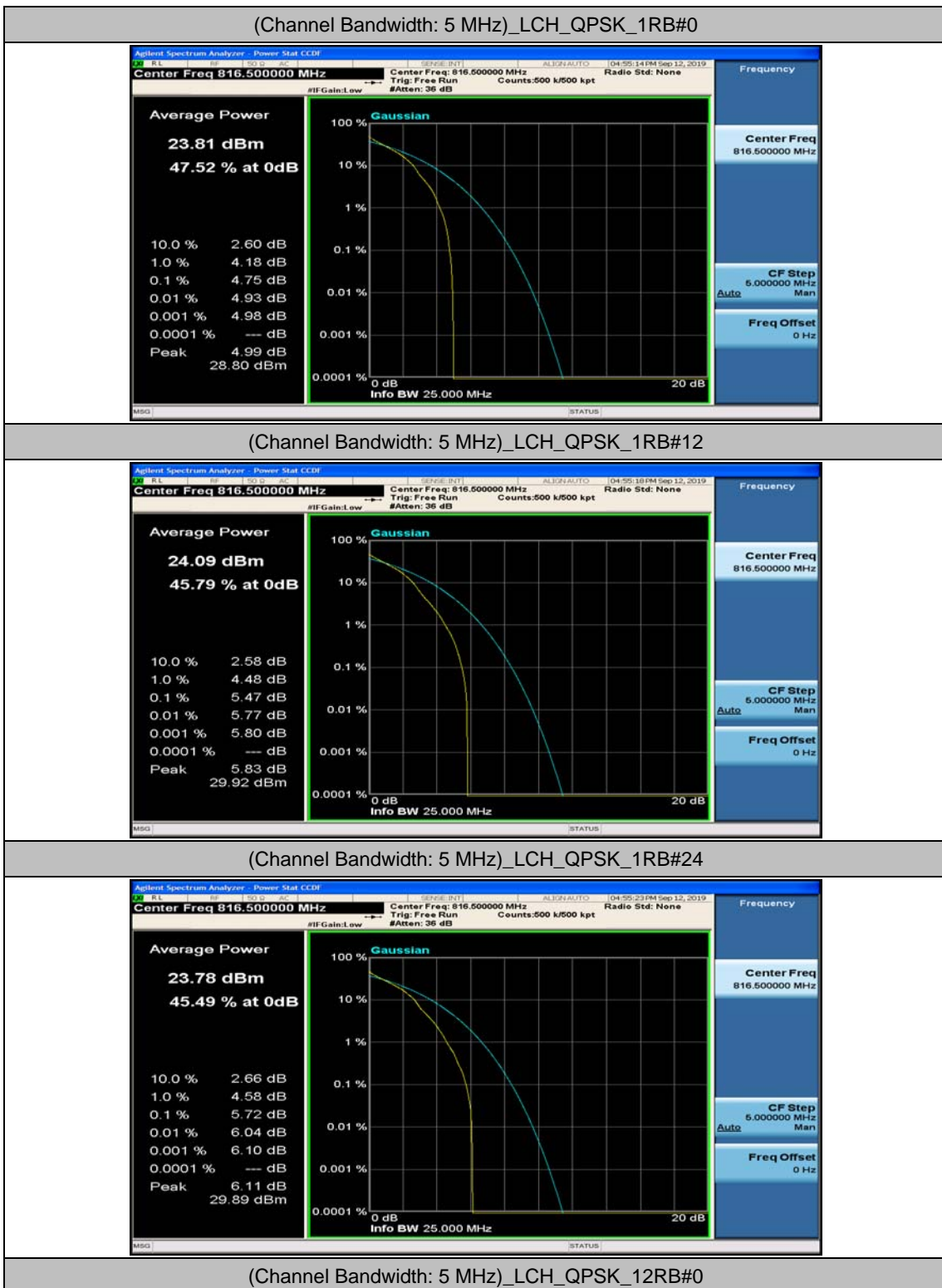
(Channel Bandwidth: 3 MHz)\_HCH\_16QAM\_8RB#7



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



Channel Bandwidth: 5 MHz







(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_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

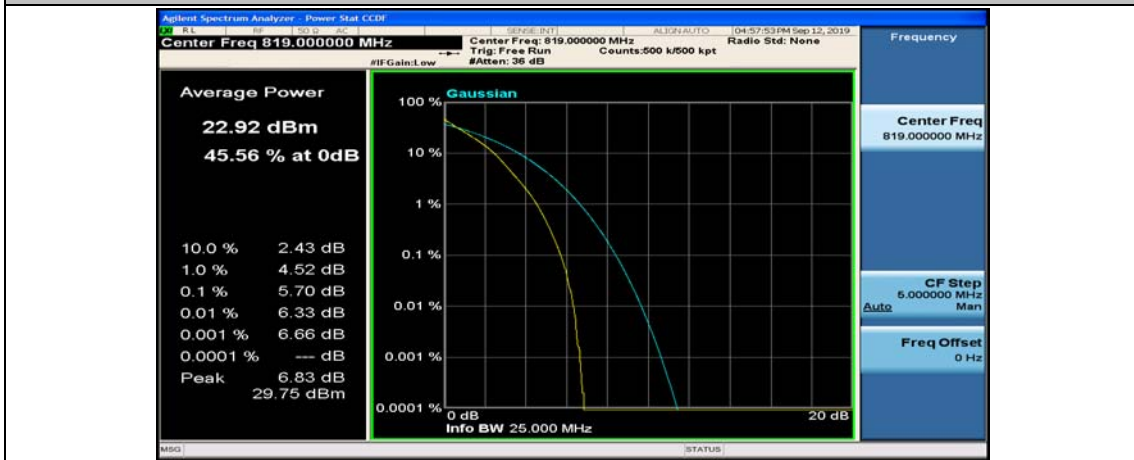


(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_12RB#13

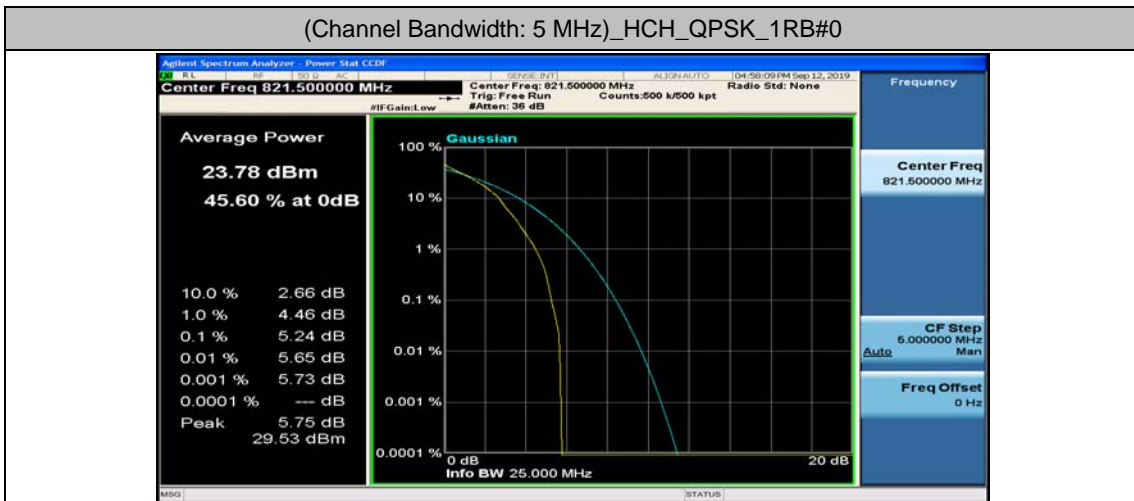




(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_25RB#0



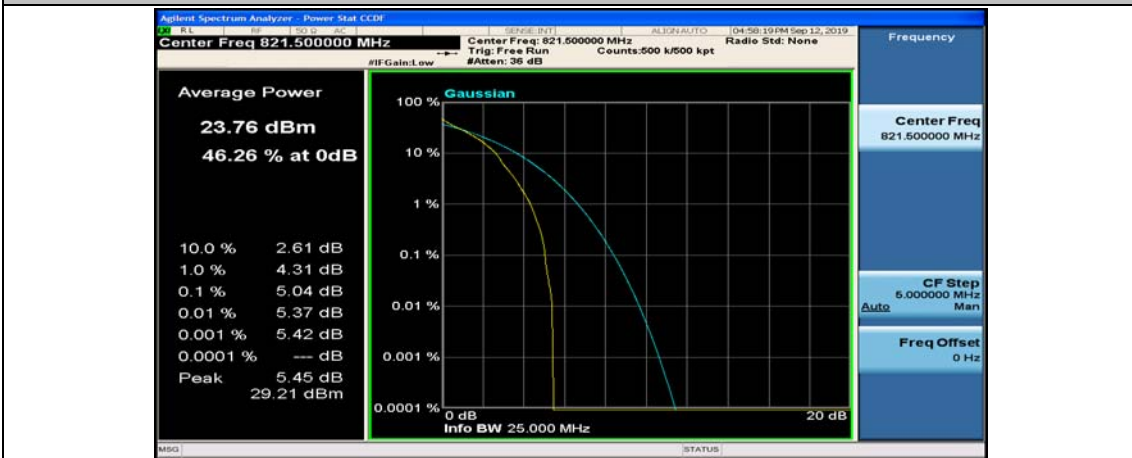
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#0



(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#12



(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#24



(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#0



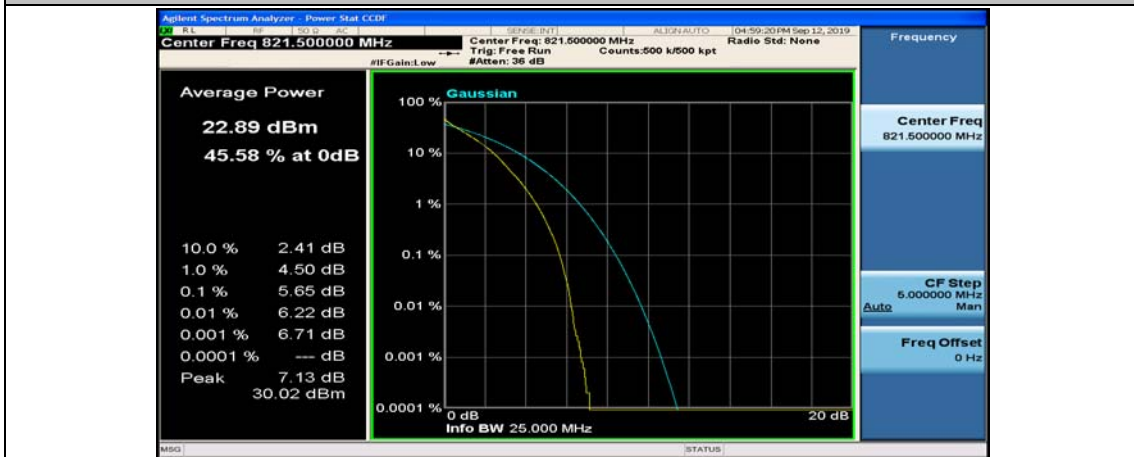
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#6



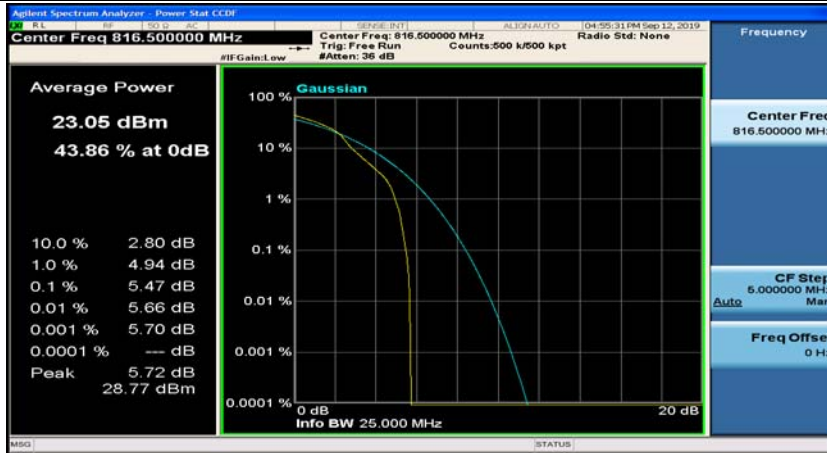
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_12RB#13



(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_25RB#0



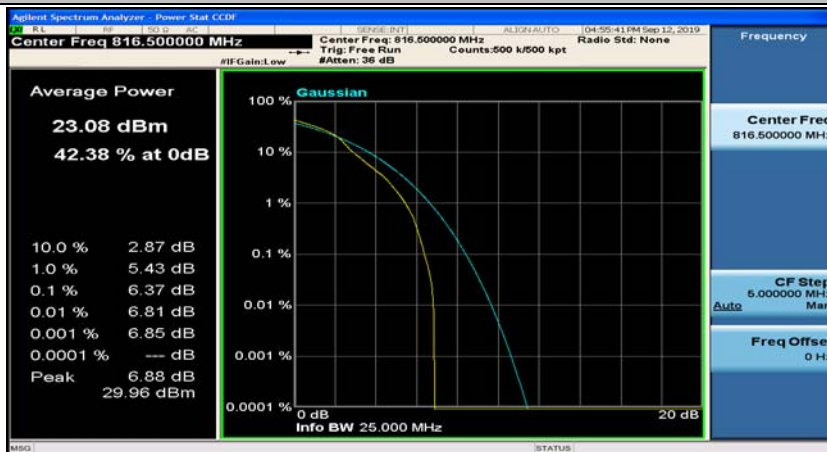
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#0



(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

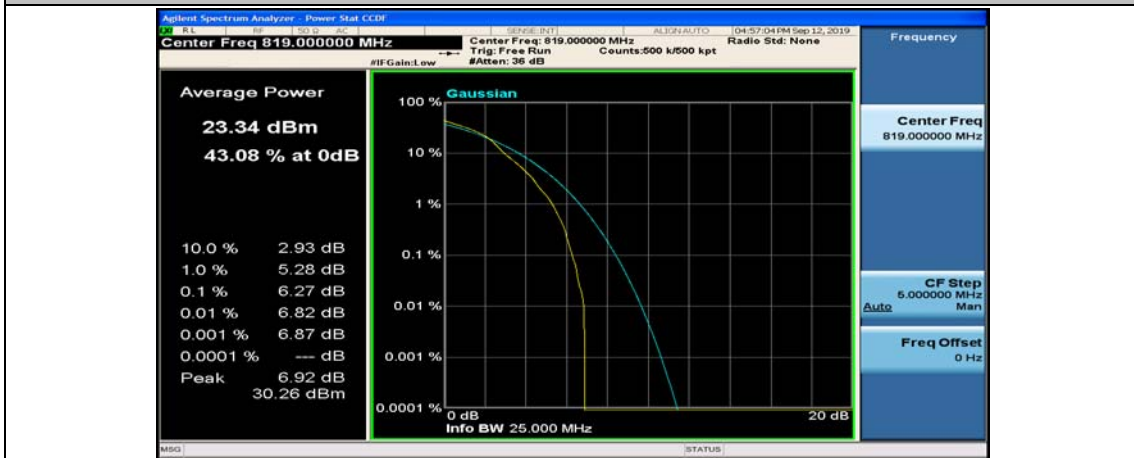




(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#0

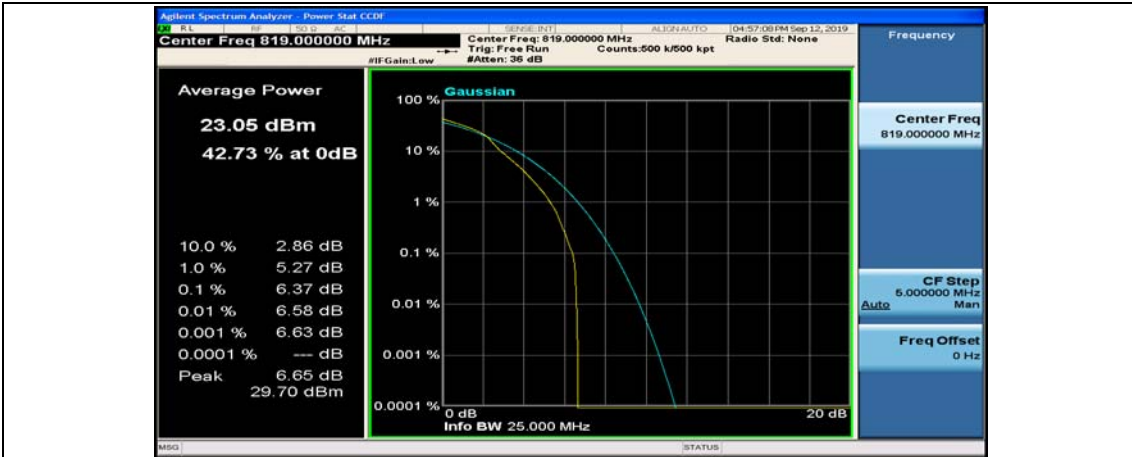


(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#12



(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#24





(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_12RB#0



(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_12RB#6



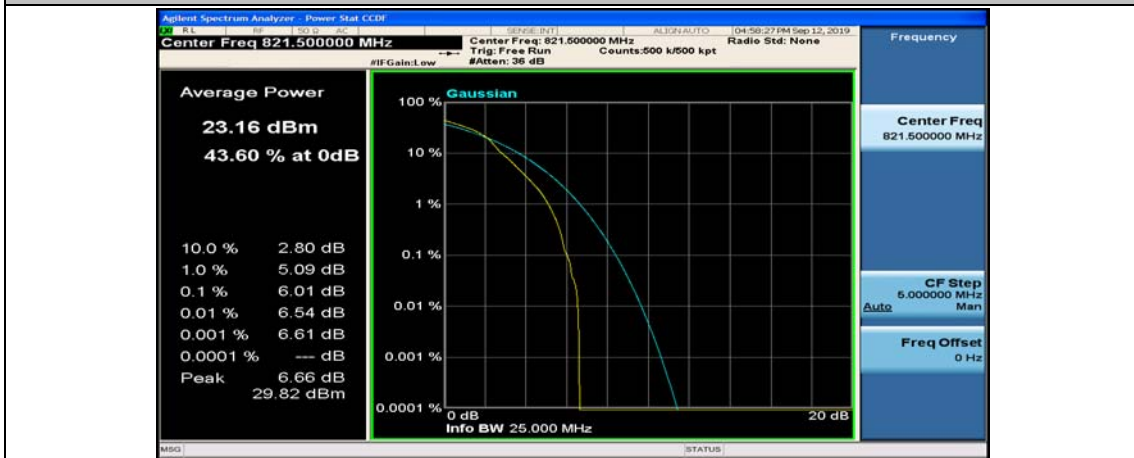
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_12RB#13



(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_25RB#0



(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#0



(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#12



(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#24



(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#0



(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#6



(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#13



(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_25RB#0

