Appendix D: Test Data for E-UTRA Band 5

Product Name: Cellular Wi-Fi Router

Trade Mark: Connecting things Hongdian

Test Model: H8951-NA

Environmental Conditions

Temperature:	24.8° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Li Huan
Supervised by:	Tom.Liu

D.1: Effective (Isotropic) Radiated Power Output Data

Conducted Output Power Test Result (Channel Bandwidth: 1.4 MHz)						
Modulation	Channel	RB Con1iguration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	O11set	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.72	23.07	PASS
		1	3	22.86	22.32	PASS
		1	5	23.38	22.72	PASS
		3	0	23.02	22.14	PASS
		3	2	22.90	21.94	PASS
		3	3	23.03	22.07	PASS
		6	0	22.94	21.83	PASS
	MCH	1	0	23.92	22.57	PASS
		1	3	23.97	22.65	PASS
		1	5	24.05	22.64	PASS
		3	0	24.00	23.09	PASS
		3	2	24.04	23.16	PASS
		3	3	23.99	23.13	PASS
		6	0	23.03	22.24	PASS
	HCH	1	0	24.04	23.56	PASS
		1	3	24.06	23.41	PASS
		1	5	23.95	23.29	PASS

		3	0	24.01	23.23	PASS
		3	2	24.03	23.24	PASS
		3	3	23.96	23.18	PASS
		6	0	23.52	22.51	PASS

Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)						
Modulation	Channel	RB Con1iguration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	O11set	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.51	22.77	PASS
		1	7	23.68	22.97	PASS
		1	14	23.75	23.03	PASS
		8	0	23.09	21.99	PASS
		8	4	23.45	22.27	PASS
		8	7	23.35	22.43	PASS
		15	0	23.20	22.27	PASS
	MCH	1	0	23.78	23.13	PASS
		1	7	23.97	23.33	PASS
		1	14	23.95	23.29	PASS
		8	0	23.04	22.19	PASS
		8	4	23.21	22.17	PASS
		8	7	22.99	22.07	PASS
		15	0	23.00	21.83	PASS
	HCH	1	0	24.27	23.69	PASS
		1	7	24.00	23.39	PASS
		1	14	23.89	23.32	PASS
		8	0	23.50	22.55	PASS
		8	4	23.49	22.60	PASS
		8	7	23.59	22.77	PASS
		15	0	23.54	22.66	PASS

Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)						
Modulation	Channel	RB Con1iguration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	O11set	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.37	22.78	PASS
		1	12	23.71	23.09	PASS
		1	24	24.24	23.65	PASS
		12	0	23.21	22.31	PASS
		12	6	23.35	22.47	PASS
		12	13	23.04	22.24	PASS
		25	0	23.05	22.25	PASS
	MCH	1	0	23.65	23.01	PASS

		1	12	24.02	23.42	PASS
		1	24	24.01	23.32	PASS
		12	0	22.91	22.12	PASS
		12	6	23.07	22.06	PASS
		12	13	23.12	22.12	PASS
		25	0	23.04	22.13	PASS
	HCH	1	0	24.18	23.27	PASS
		1	12	24.42	23.51	PASS
		1	24	23.78	22.65	PASS
		12	0	23.38	22.18	PASS
		12	6	23.38	22.34	PASS
		12	13	23.39	22.31	PASS
		25	0	23.46	22.37	PASS

Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)						
Modulation	Channel	RB Con1iguration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	O11set	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	22.19	21.48	PASS
		1	24	**24.67**	24.04	PASS
		1	49	23.38	22.74	PASS
		25	0	23.10	22.14	PASS
		25	12	23.21	22.21	PASS
		25	25	22.90	21.90	PASS
		50	0	23.11	21.96	PASS
	MCH	1	0	23.73	23.07	PASS
		1	24	**24.23**	23.59	PASS
		1	49	23.83	23.06	PASS
		25	0	22.97	21.90	PASS
		25	12	23.05	21.92	PASS
		25	25	22.99	21.95	PASS
		50	0	23.09	21.94	PASS
	HCH	1	0	23.95	23.42	PASS
		1	24	**24.60**	24.09	PASS
		1	49	23.33	22.81	PASS
		25	0	23.30	22.39	PASS
		25	12	23.28	22.29	PASS
		25	25	23.36	22.38	PASS
		50	0	23.43	22.33	PASS

D.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	4.74	<13	PASS
		1	3	4.6	<13	PASS
		1	5	4.63	<13	PASS
		3	0	4.79	<13	PASS
		3	2	4.79	<13	PASS
		3	3	5.01	<13	PASS
		6	0	5.28	<13	PASS
	MCH	1	0	4.56	<13	PASS
		1	3	4.47	<13	PASS
		1	5	4.56	<13	PASS
		3	0	4.74	<13	PASS
		3	2	4.64	<13	PASS
		3	3	4.72	<13	PASS
		6	0	5.27	<13	PASS
	HCH	1	0	3.97	<13	PASS
		1	3	3.93	<13	PASS
		1	5	3.98	<13	PASS
		3	0	4.02	<13	PASS
		3	2	3.96	<13	PASS
		3	3	3.99	<13	PASS
		6	0	4.81	<13	PASS
16QAM	LCH	1	0	5.34	<13	PASS
		1	3	5.45	<13	PASS
		1	5	5.55	<13	PASS
		3	0	5.68	<13	PASS
		3	2	5.59	<13	PASS
		3	3	5.73	<13	PASS
		6	0	6.14	<13	PASS
	MCH	1	0	5.36	<13	PASS
		1	3	5.25	<13	PASS
		1	5	5.4	<13	PASS
		3	0	5.65	<13	PASS
		3	2	5.53	<13	PASS

		3	3	5.68	<13	PASS
		6	0	6.2	<13	PASS
	HCH	1	0	4.83	<13	PASS
		1	3	4.73	<13	PASS
		1	5	4.79	<13	PASS
		3	0	4.83	<13	PASS
		3	2	4.74	<13	PASS
		3	3	4.81	<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	4.59	<13	PASS
		1	7	4.45	<13	PASS
		1	14	4.37	<13	PASS
		8	0	5.11	<13	PASS
		8	4	4.87	<13	PASS
		8	7	4.92	<13	PASS
		15	0	5.3	<13	PASS
	MCH	1	0	4.53	<13	PASS
		1	7	4.4	<13	PASS
		1	14	4.45	<13	PASS
		8	0	5.03	<13	PASS
		8	4	5	<13	PASS
		8	7	5.04	<13	PASS
		15	0	5.28	<13	PASS
	HCH	1	0	4.01	<13	PASS
		1	7	3.75	<13	PASS
		1	14	4	<13	PASS
		8	0	4.46	<13	PASS
		8	4	4.4	<13	PASS
		8	7	4.43	<13	PASS
		15	0	4.96	<13	PASS
16QAM	LCH	1	0	5.3	<13	PASS
		1	7	5.29	<13	PASS
		1	14	5.13	<13	PASS
		8	0	5.89	<13	PASS
		8	4	5.82	<13	PASS
		8	7	5.85	<13	PASS
		15	0	6.18	<13	PASS
	MCH	1	0	5.27	<13	PASS
		1	7	5.18	<13	PASS
		1	14	5.15	<13	PASS
		8	0	5.89	<13	PASS
		8	4	5.88	<13	PASS
		8	7	5.9	<13	PASS
		15	0	6.17	<13	PASS
	HCH	1	0	4.86	<13	PASS
		1	7	4.57	<13	PASS

		1	14	4.64	<13	PASS
		8	0	5.45	<13	PASS
		8	4	5.36	<13	PASS
		8	7	6.76	<13	PASS
		15	0	5.85	<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	4.59	<13	PASS
		1	12	4.23	<13	PASS
		1	24	4.08	<13	PASS
		12	0	4.95	<13	PASS
		12	6	4.84	<13	PASS
		12	13	4.73	<13	PASS
		25	0	5.17	<13	PASS
	MCH	1	0	4.43	<13	PASS
		1	12	4.25	<13	PASS
		1	24	4.23	<13	PASS
		12	0	4.94	<13	PASS
		12	6	4.86	<13	PASS
		12	13	4.9	<13	PASS
		25	0	5.25	<13	PASS
	HCH	1	0	3.99	<13	PASS
		1	12	3.72	<13	PASS
		1	24	4.18	<13	PASS
		12	0	4.6	<13	PASS
		12	6	4.4	<13	PASS
		12	13	4.47	<13	PASS
		25	0	4.83	<13	PASS
16QAM	LCH	1	0	5.53	<13	PASS
		1	12	5.11	<13	PASS
		1	24	4.97	<13	PASS
		12	0	5.9	<13	PASS
		12	6	5.7	<13	PASS
		12	13	5.66	<13	PASS
		25	0	6.06	<13	PASS
	MCH	1	0	5.29	<13	PASS
		1	12	5.27	<13	PASS
		1	24	5.21	<13	PASS
		12	0	5.89	<13	PASS
		12	6	5.82	<13	PASS
		12	13	5.84	<13	PASS
		25	0	6.11	<13	PASS
	HCH	1	0	4.95	<13	PASS
		1	12	4.79	<13	PASS

		1	24	4.8	<13	PASS
		12	0	5.46	<13	PASS
		12	6	5.31	<13	PASS
		12	13	11.98	<13	PASS
		25	0	5.72	<13	PASS

Channel Bandwidth: 10 MHz

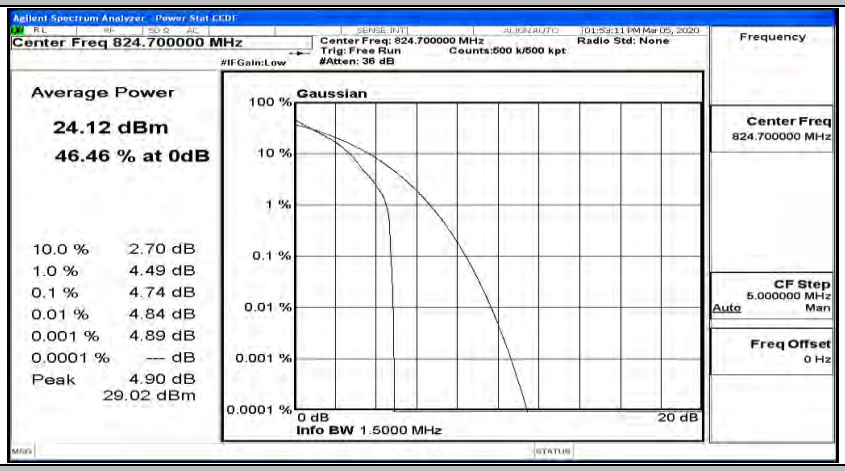
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.97	<13	PASS
		1	24	4.03	<13	PASS
		1	49	4.41	<13	PASS
		25	0	4.83	<13	PASS
		25	12	4.67	<13	PASS
		25	25	4.77	<13	PASS
		50	0	4.99	<13	PASS
	MCH	1	0	4.12	<13	PASS
		1	24	4.36	<13	PASS
		1	49	4.13	<13	PASS
		25	0	4.96	<13	PASS
		25	12	4.91	<13	PASS
		25	25	4.85	<13	PASS
		50	0	5.18	<13	PASS
	HCH	1	0	4.18	<13	PASS
		1	24	3.86	<13	PASS
		1	49	4.59	<13	PASS
		25	0	4.68	<13	PASS
		25	12	4.59	<13	PASS
		25	25	4.61	<13	PASS
		50	0	4.98	<13	PASS
16QAM	LCH	1	0	6.06	<13	PASS
		1	24	4.63	<13	PASS
		1	49	5.14	<13	PASS
		25	0	5.76	<13	PASS
		25	12	5.57	<13	PASS
		25	25	5.68	<13	PASS
		50	0	5.88	<13	PASS
	MCH	1	0	4.88	<13	PASS
		1	24	5.06	<13	PASS
		1	49	4.85	<13	PASS
		25	0	5.89	<13	PASS
		25	12	5.83	<13	PASS
		25	25	5.79	<13	PASS
		50	0	5.99	<13	PASS
	HCH	1	0	5.04	<13	PASS
		1	24	4.66	<13	PASS

		1	49	10.65	<13	PASS
		25	0	5.57	<13	PASS
		25	12	5.49	<13	PASS
		25	25	5.5	<13	PASS
		50	0	5.79	<13	PASS

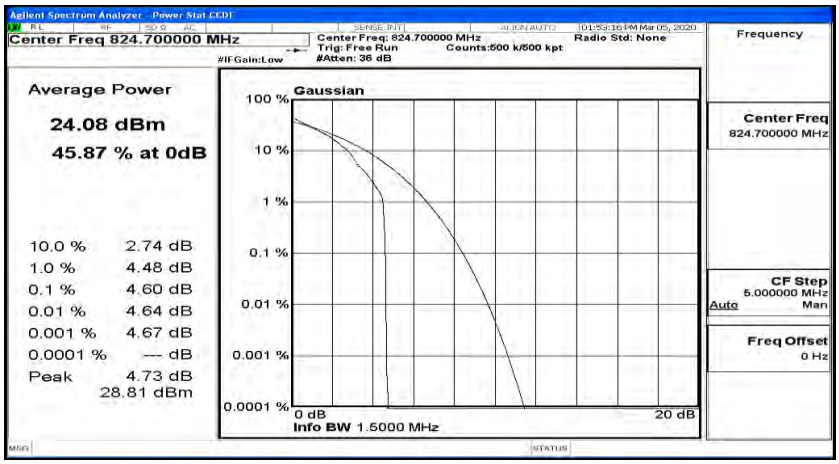
Test Graphs

Channel Bandwidth: 1.4 MHz

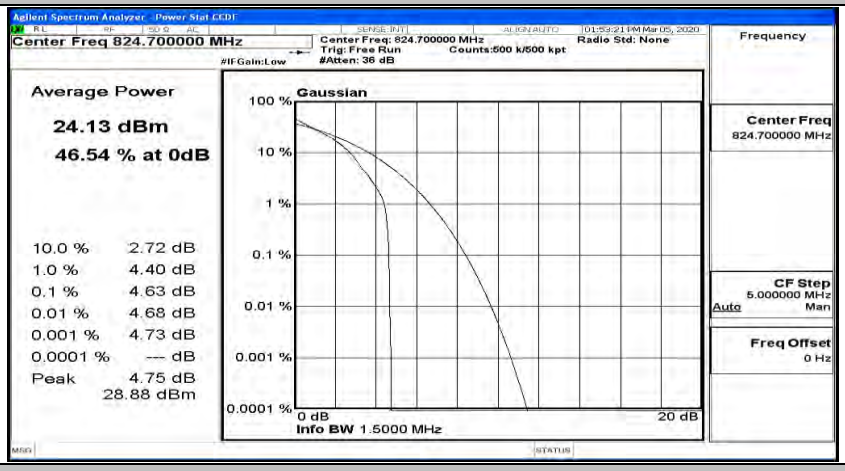
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



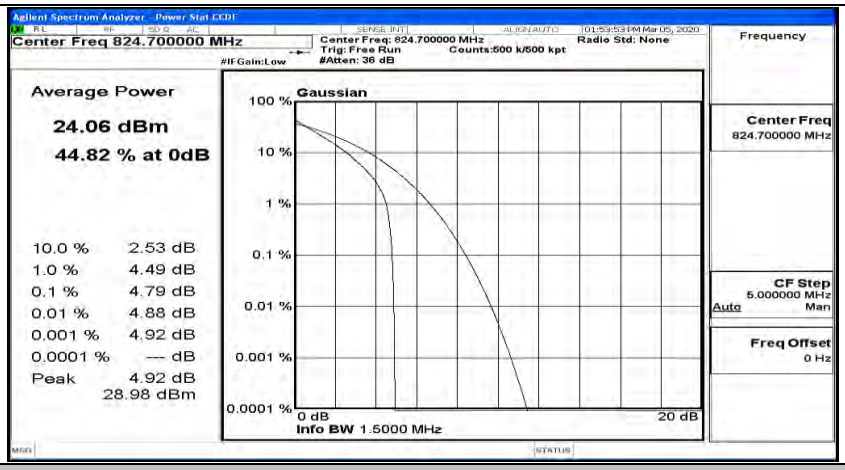
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3



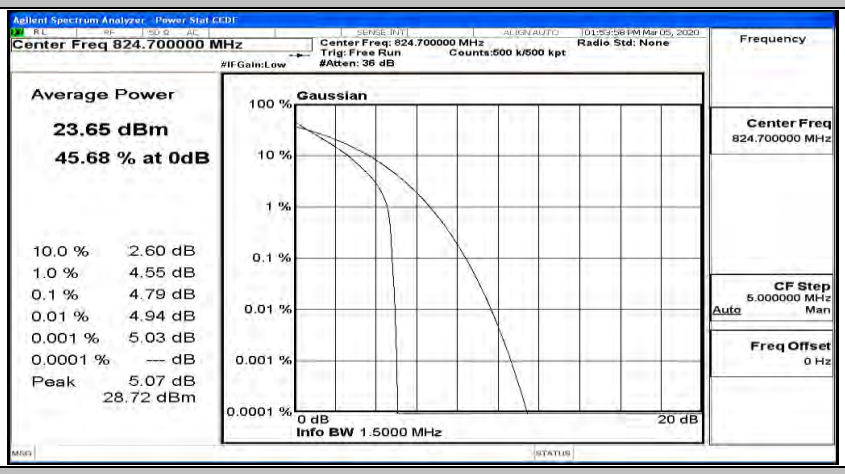
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



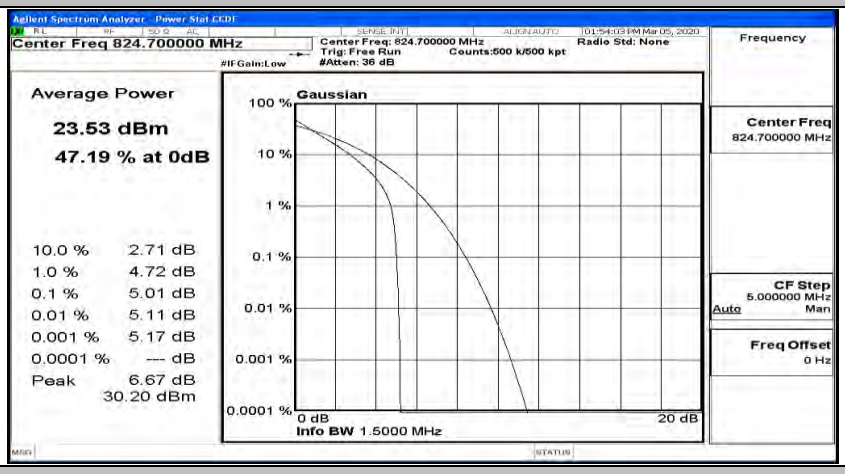
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0



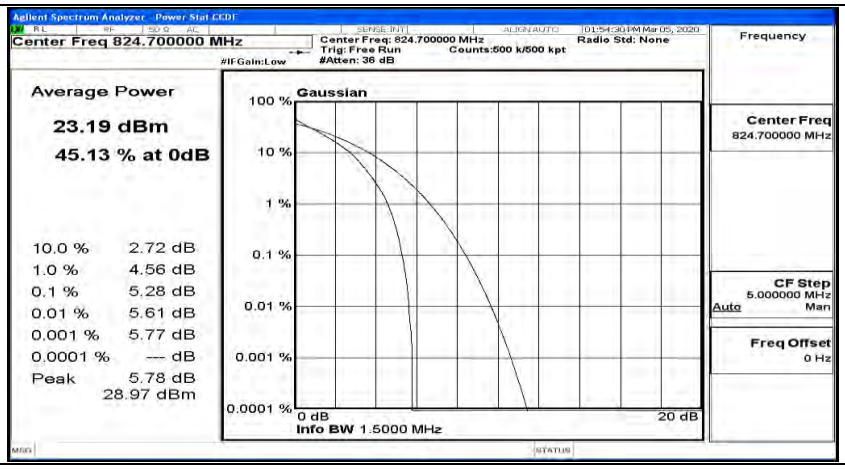
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



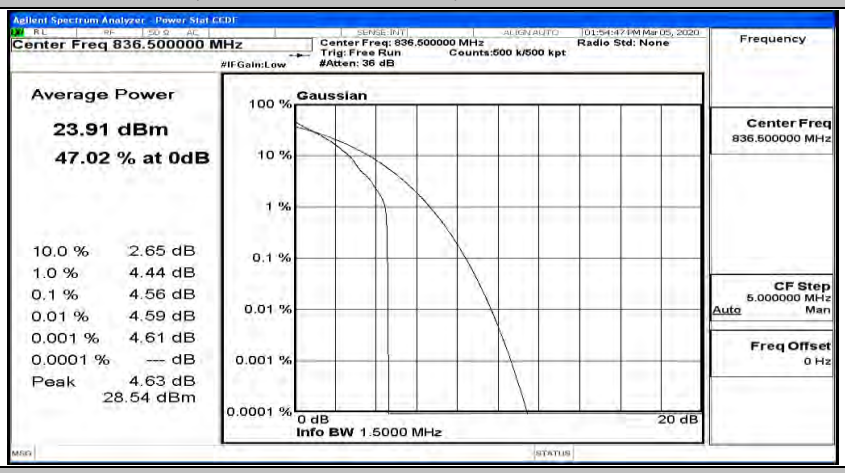
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



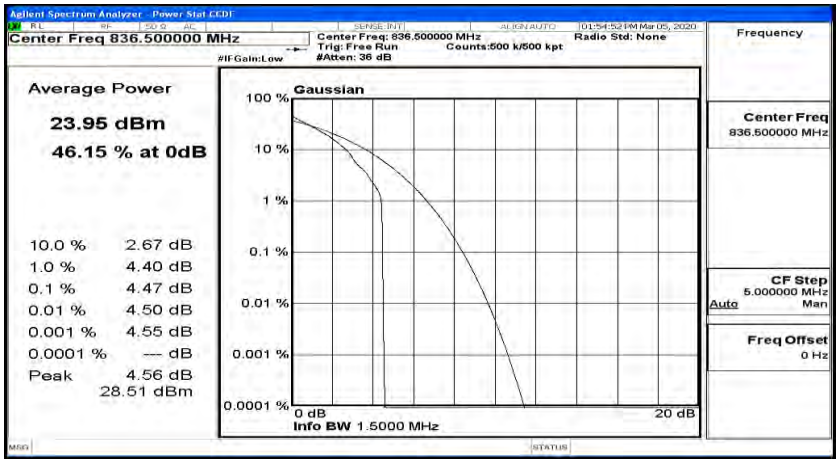
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



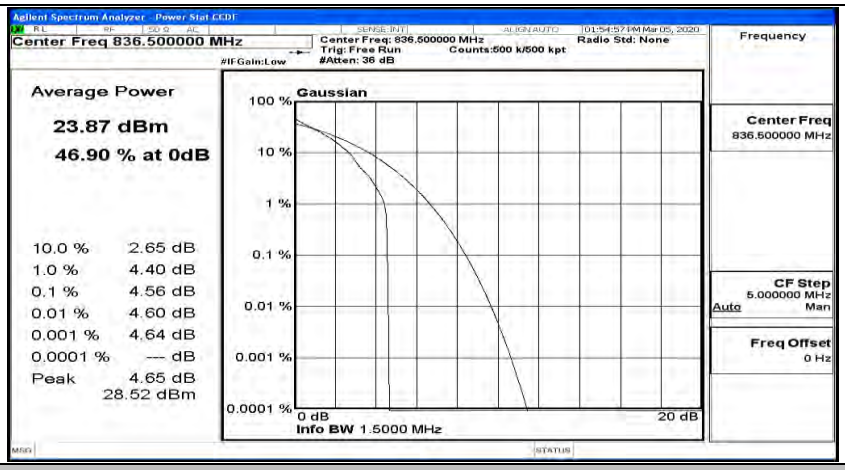
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



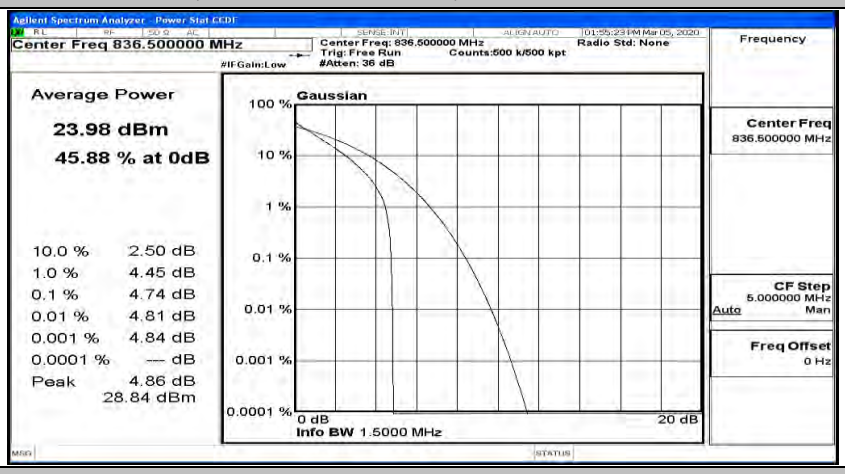
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



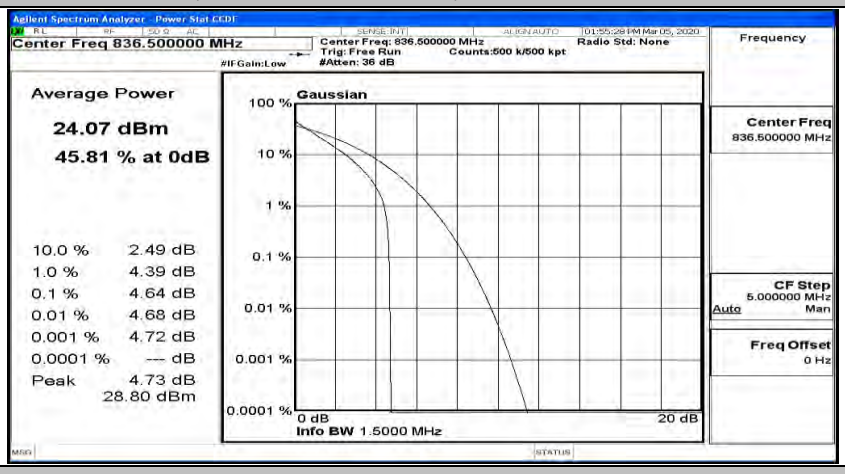
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



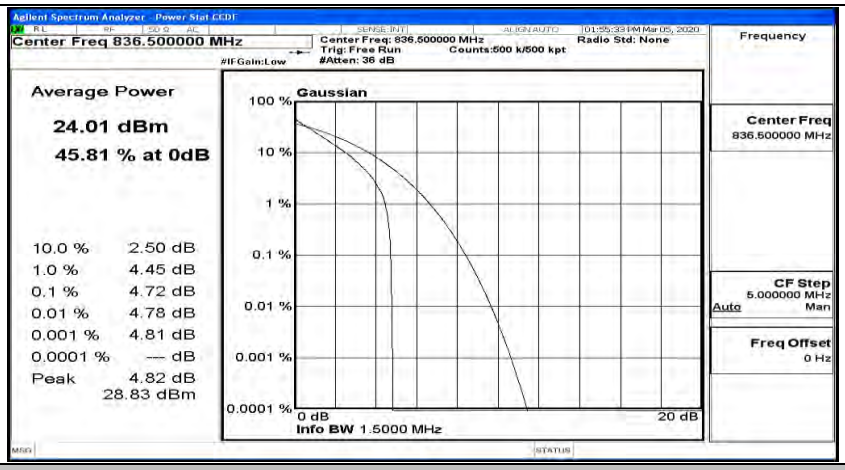
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



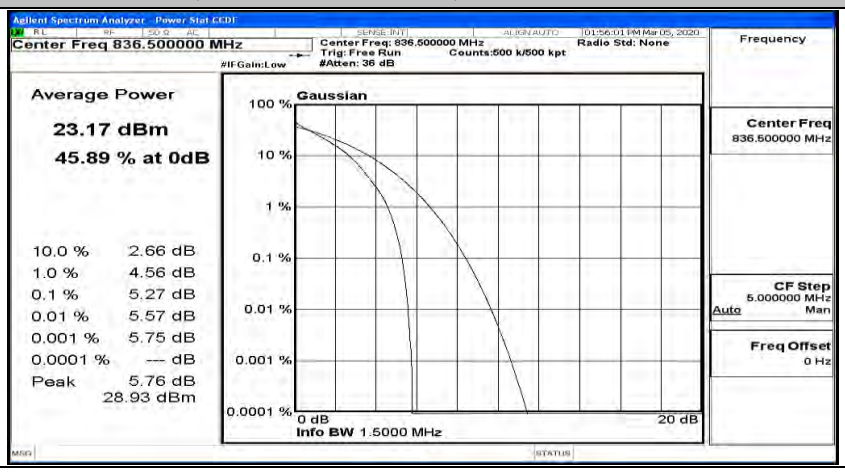
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



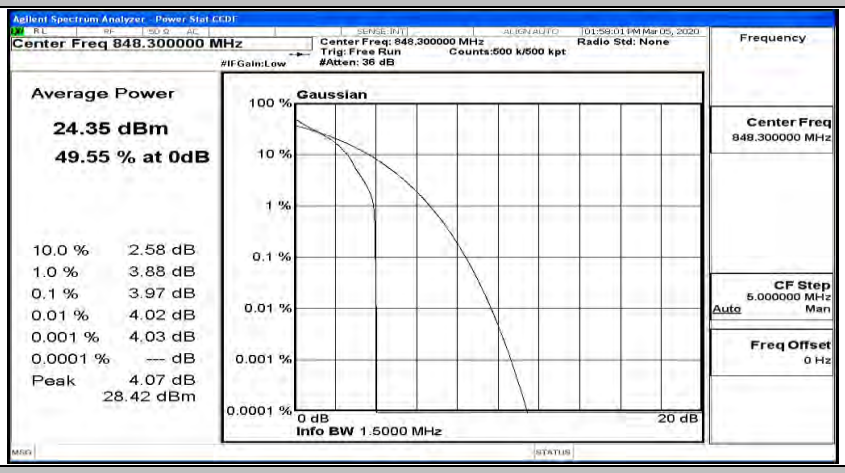
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



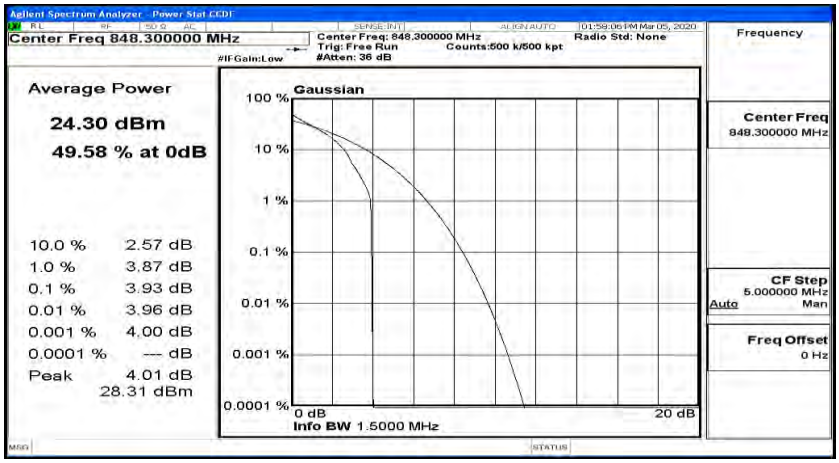
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



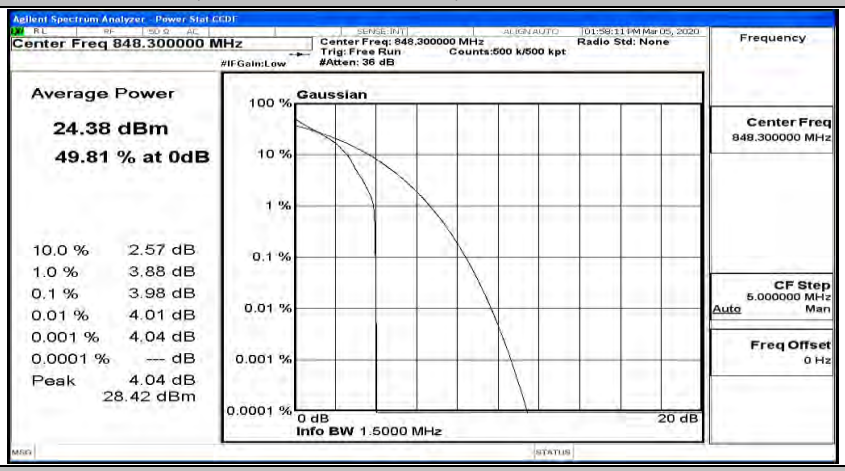
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



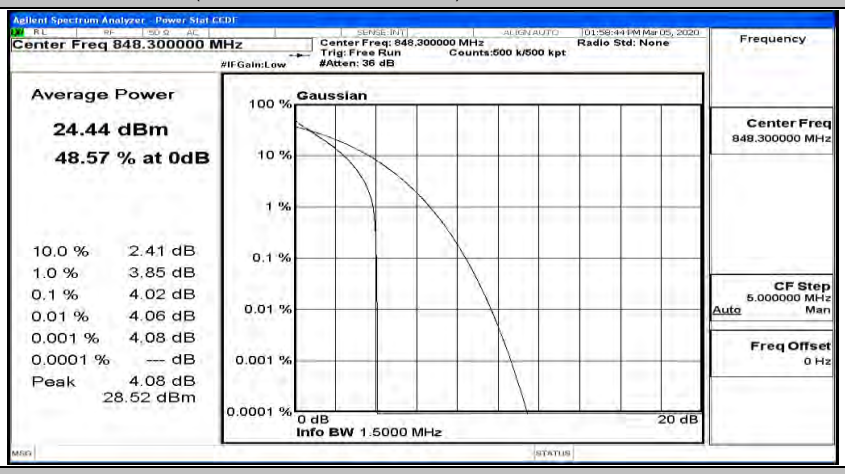
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



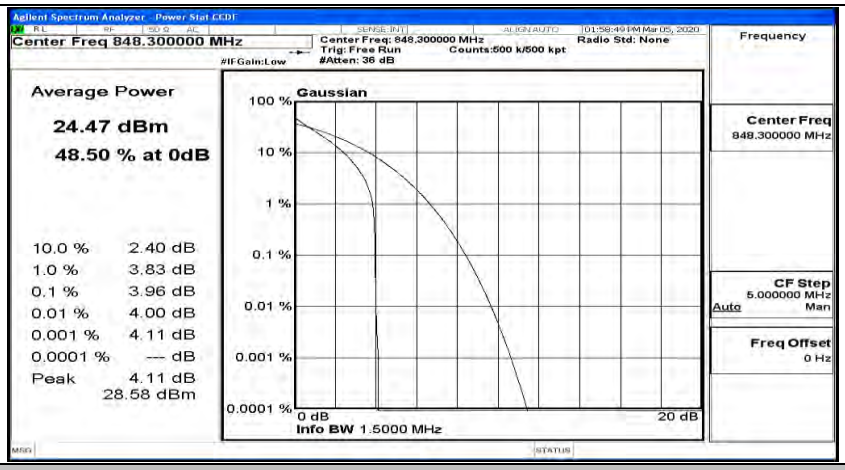
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



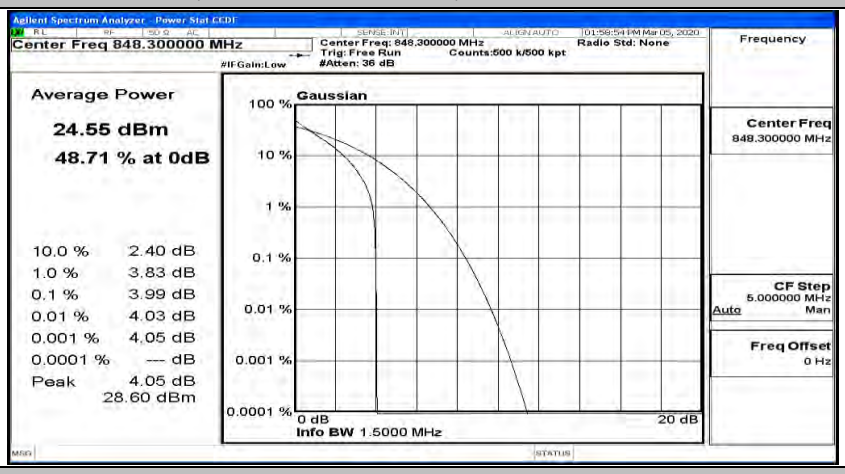
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



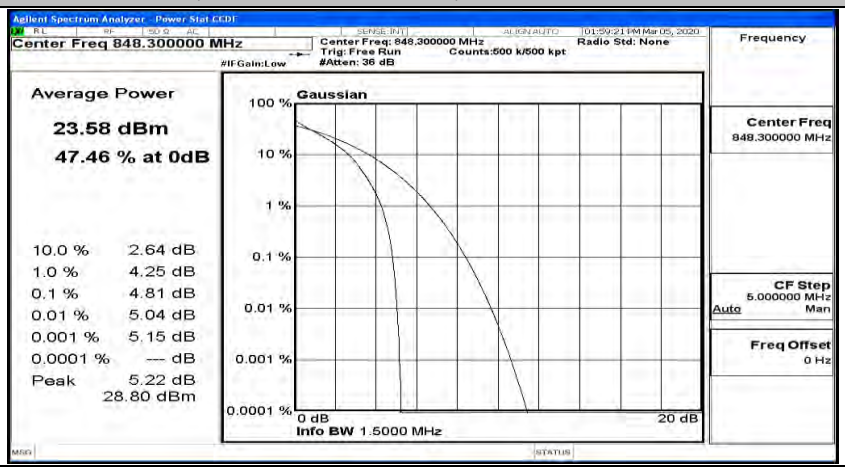
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



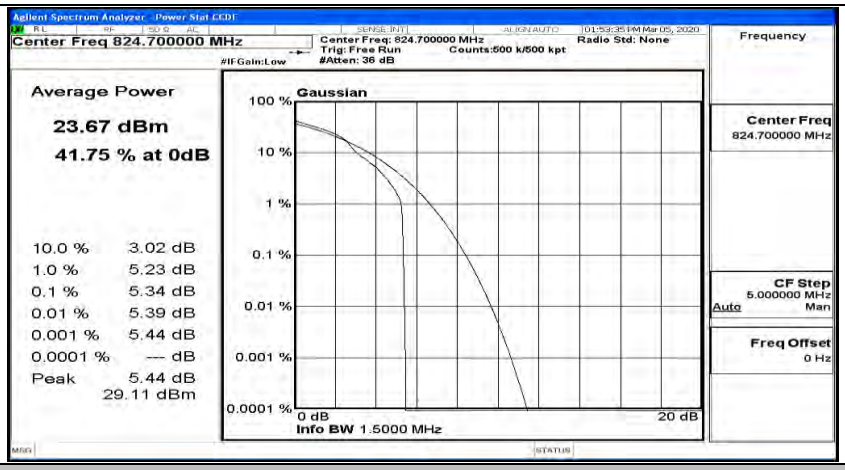
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



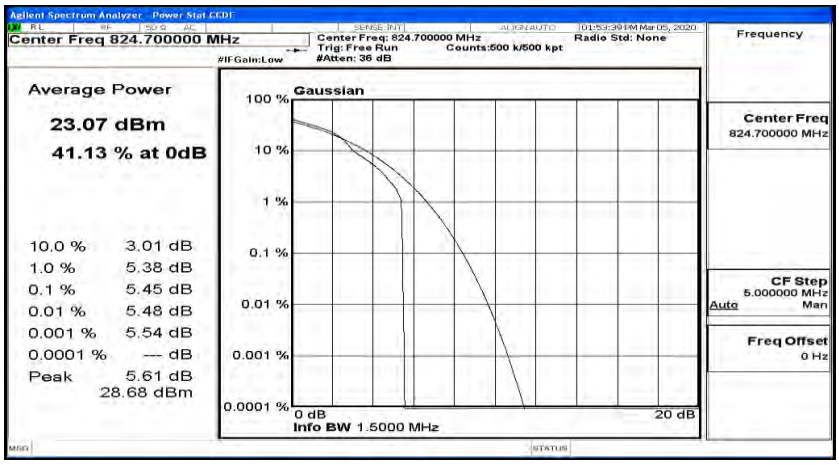
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



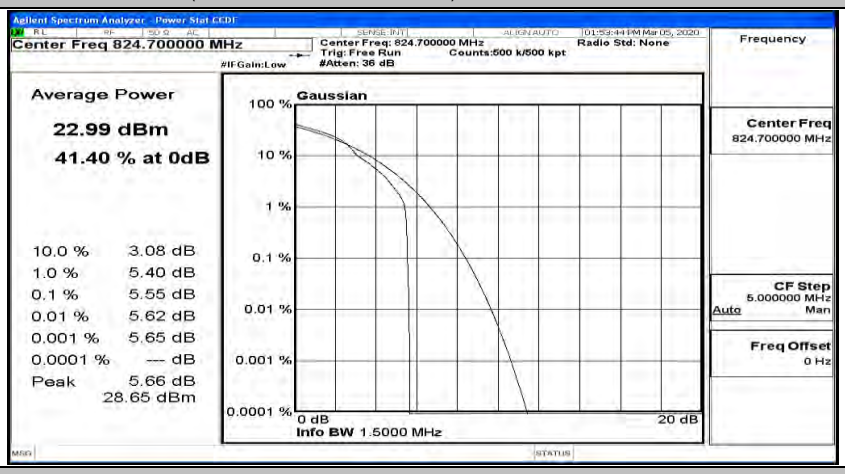
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



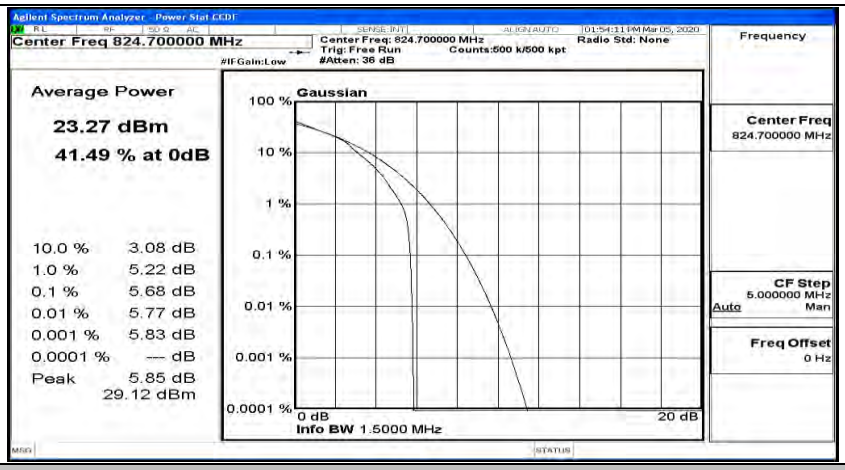
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



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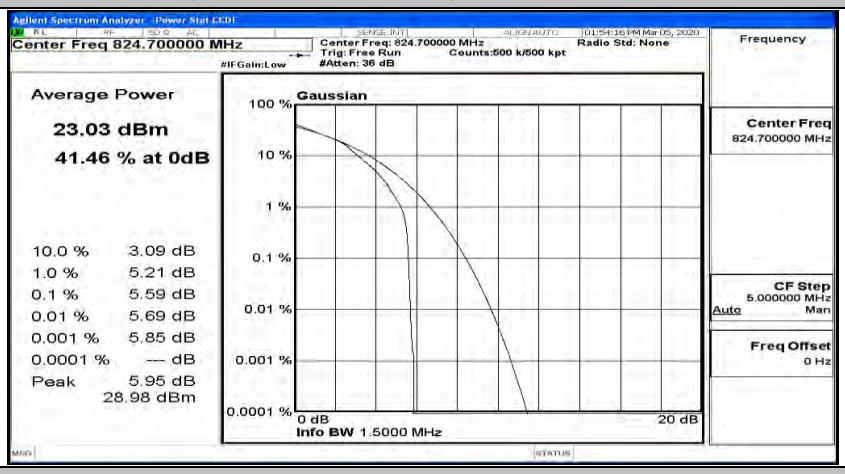

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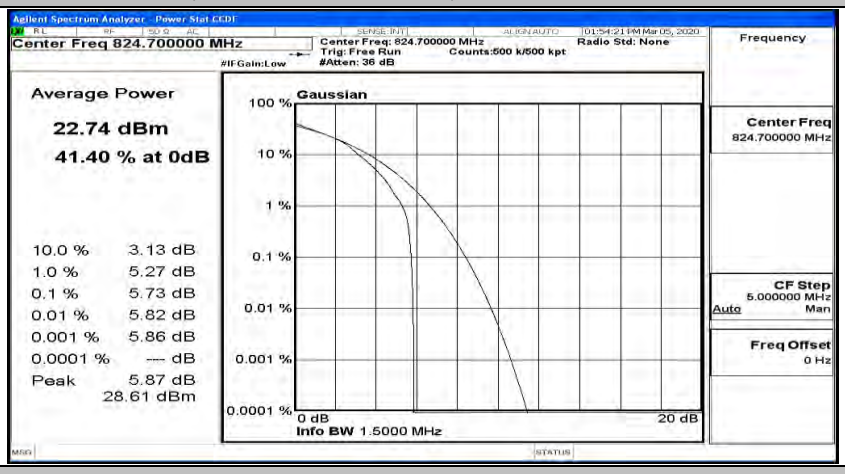

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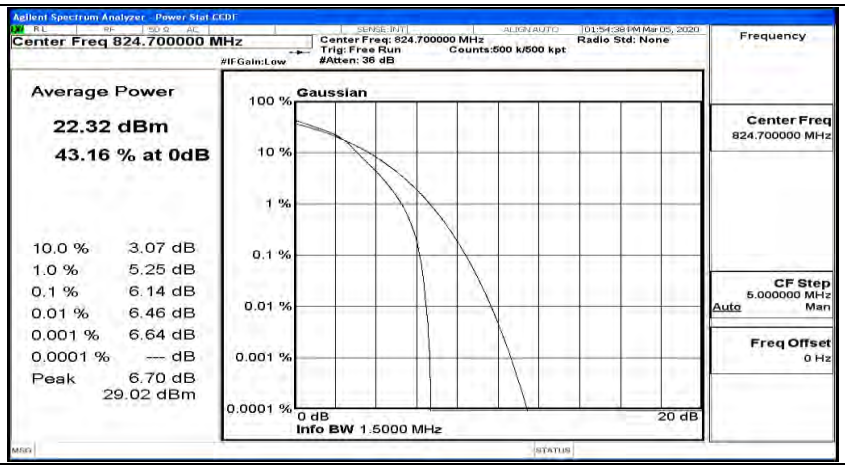

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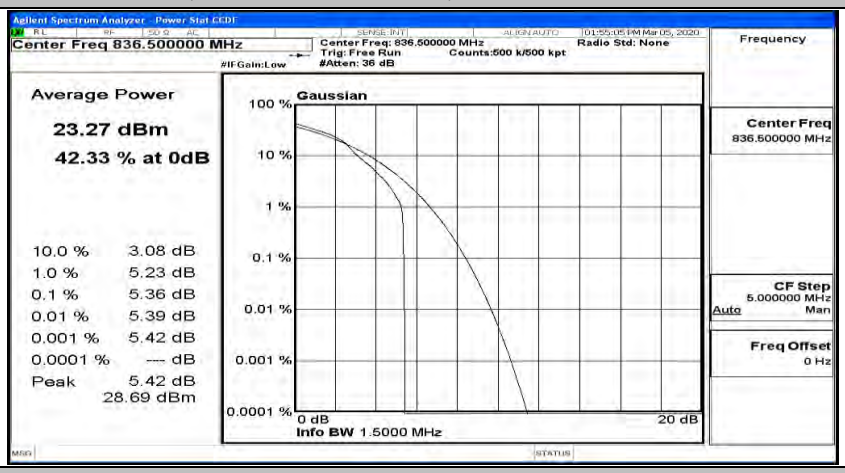

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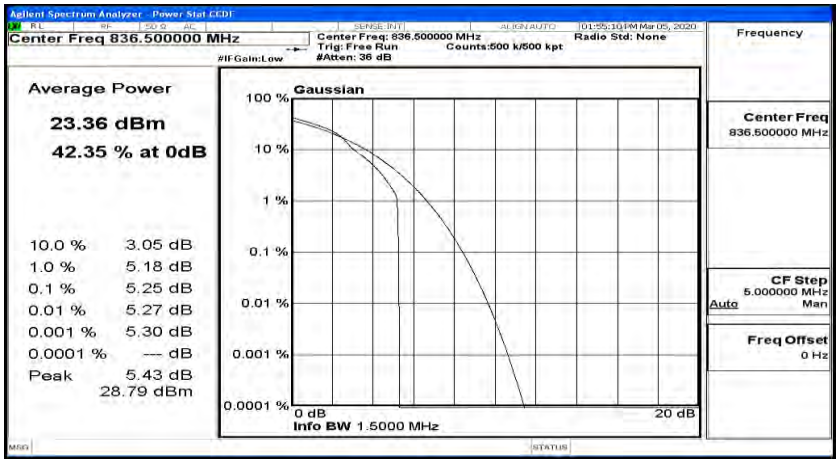
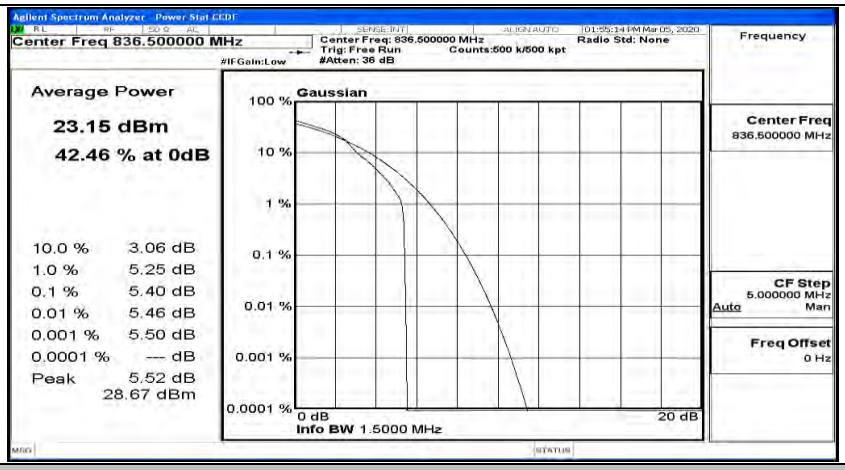
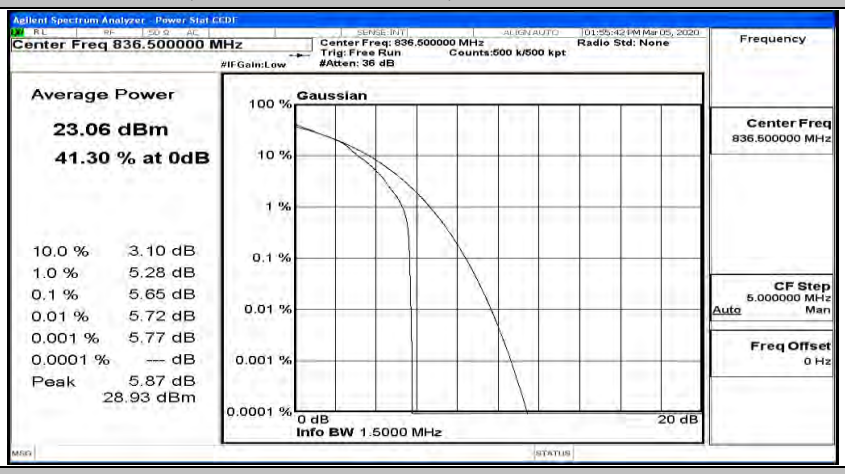


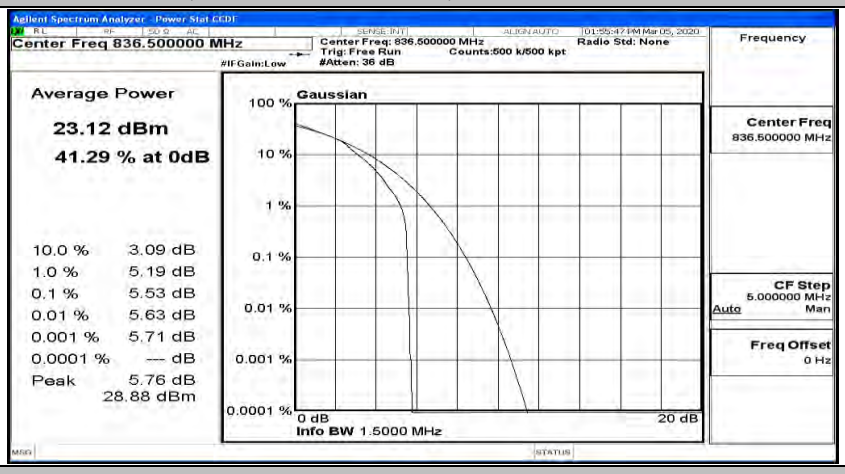
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



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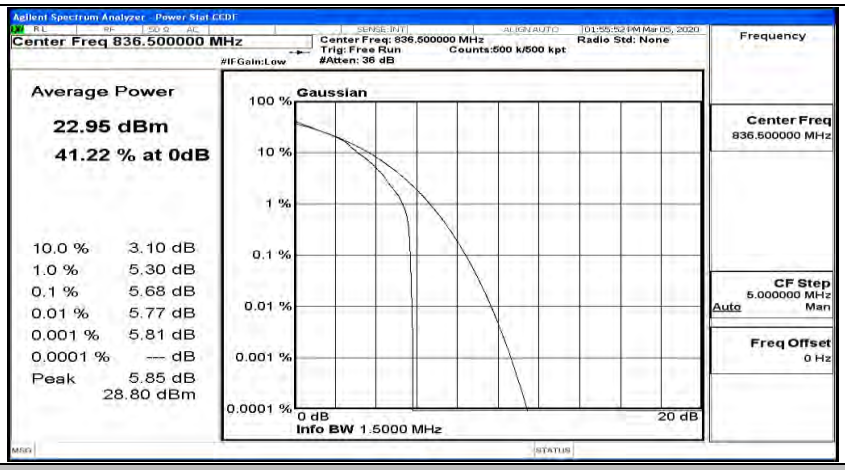
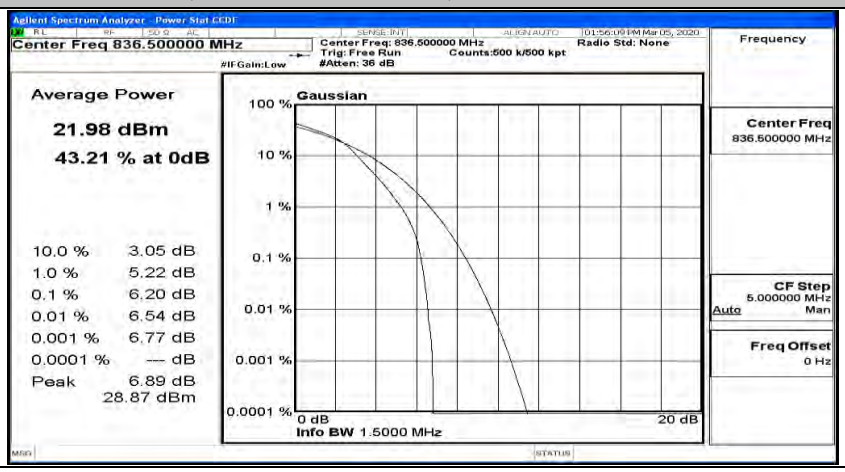
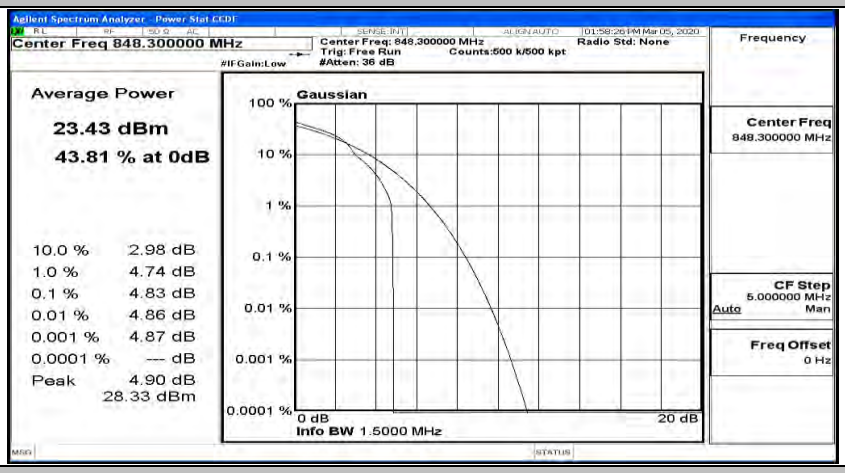


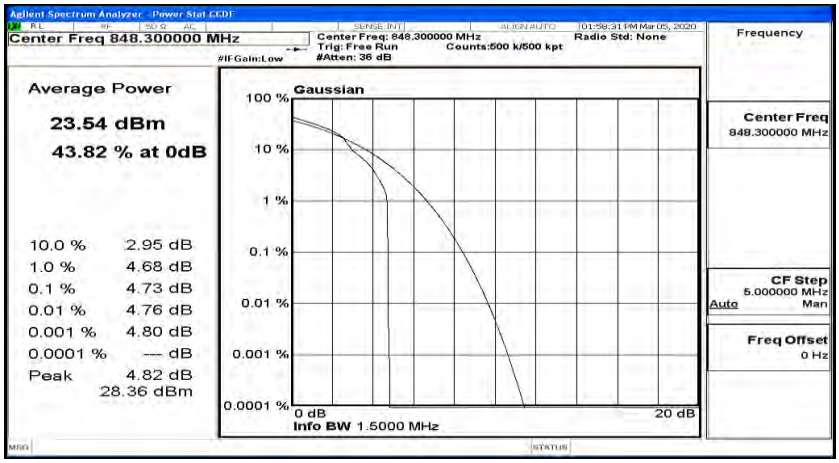
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



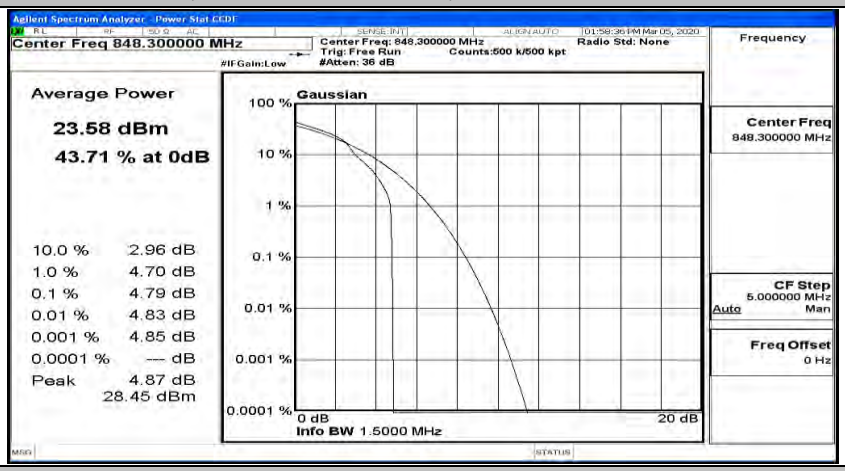
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



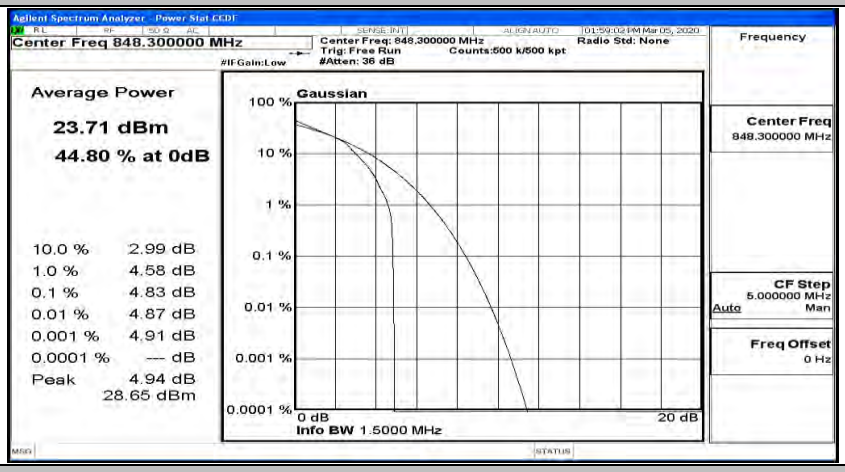
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



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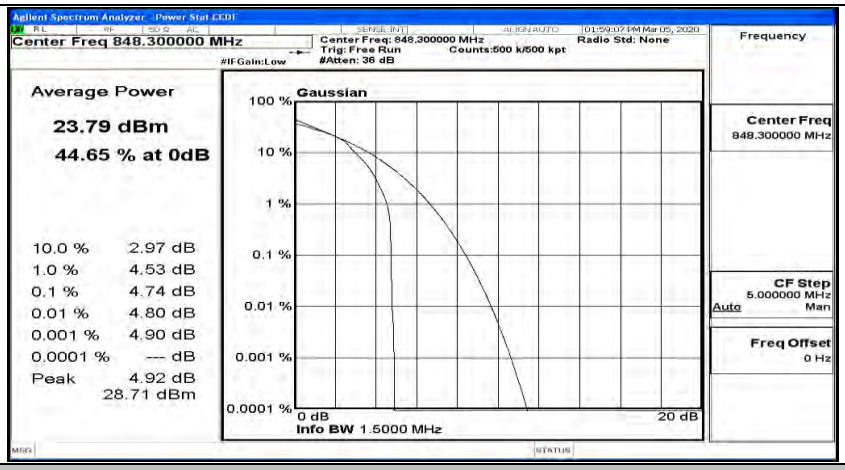

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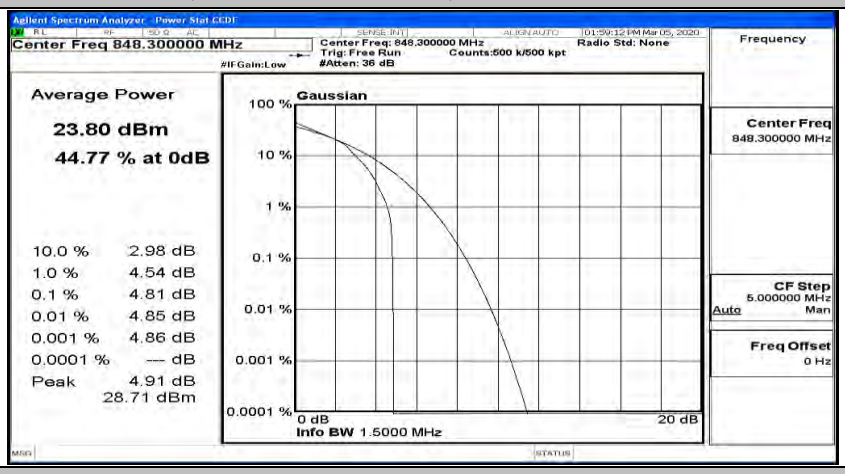
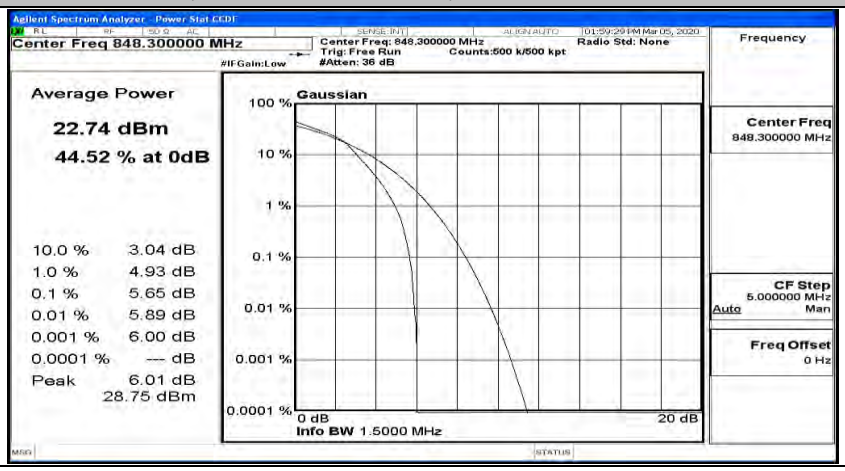
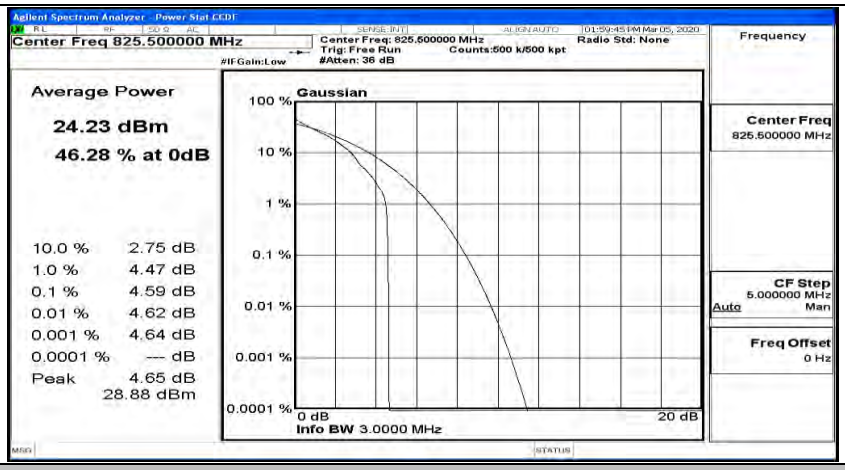


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0



Channel Bandwidth: 3 MHz

(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



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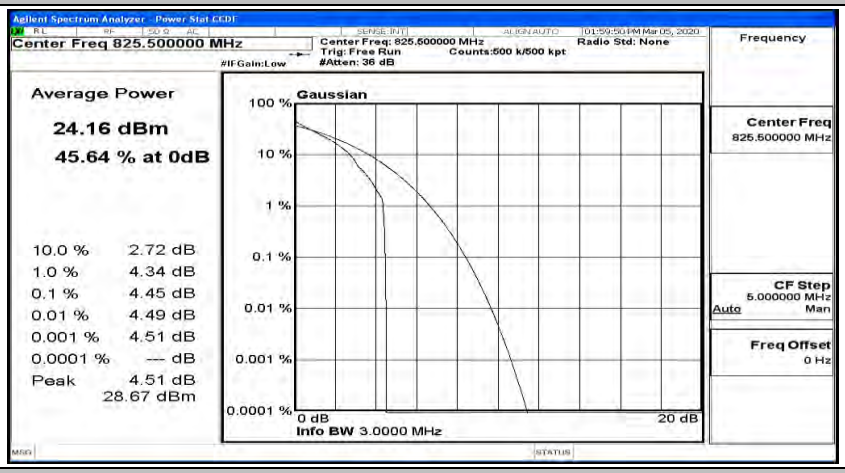
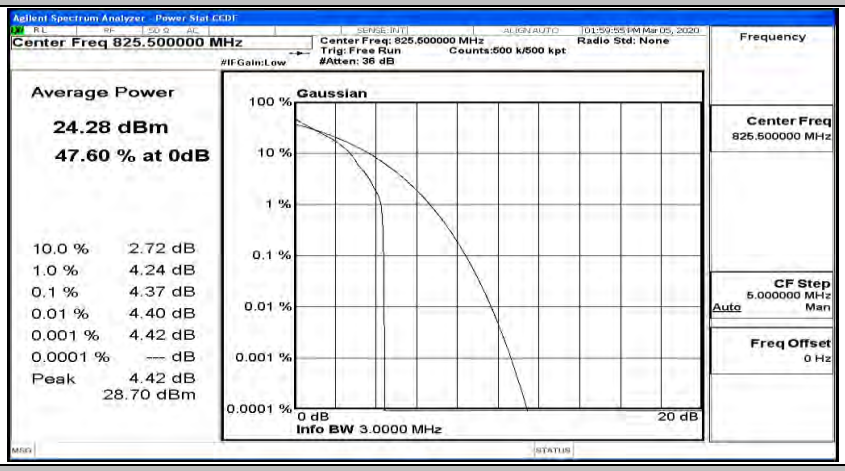


(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



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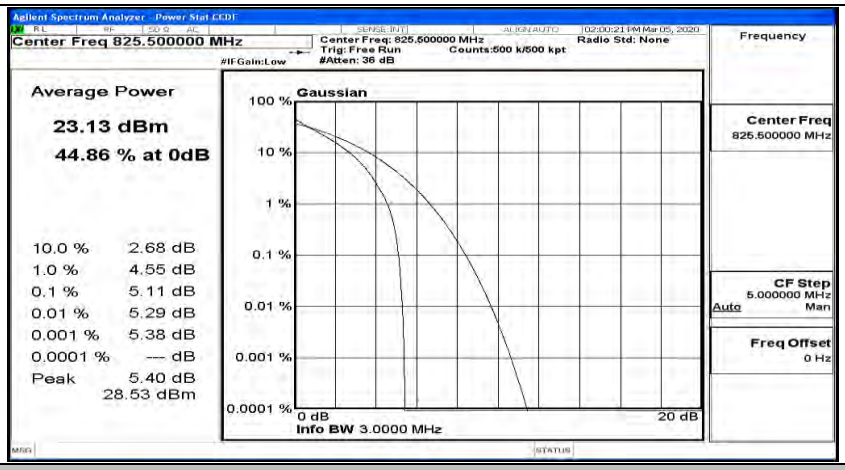

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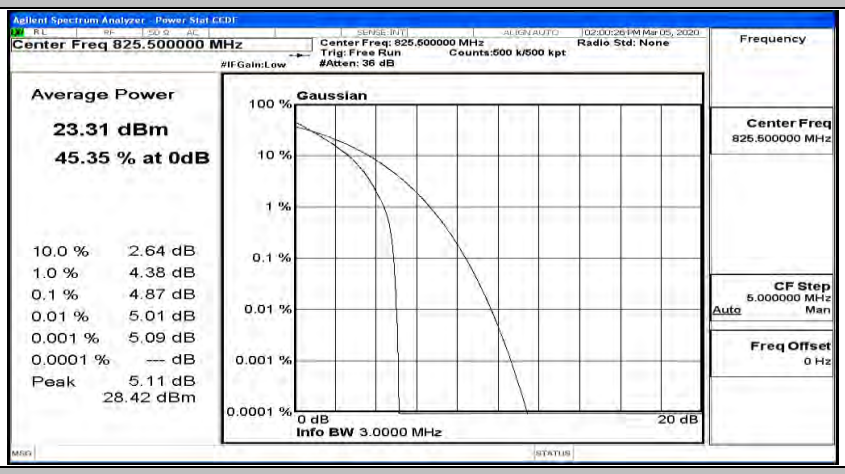

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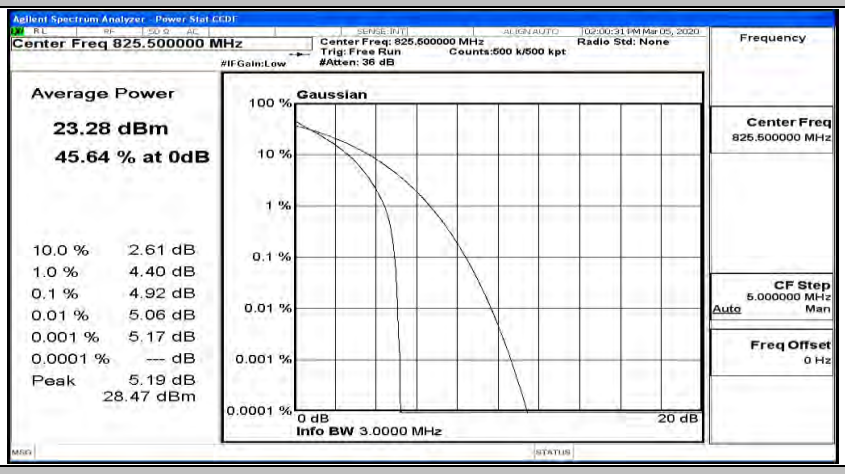

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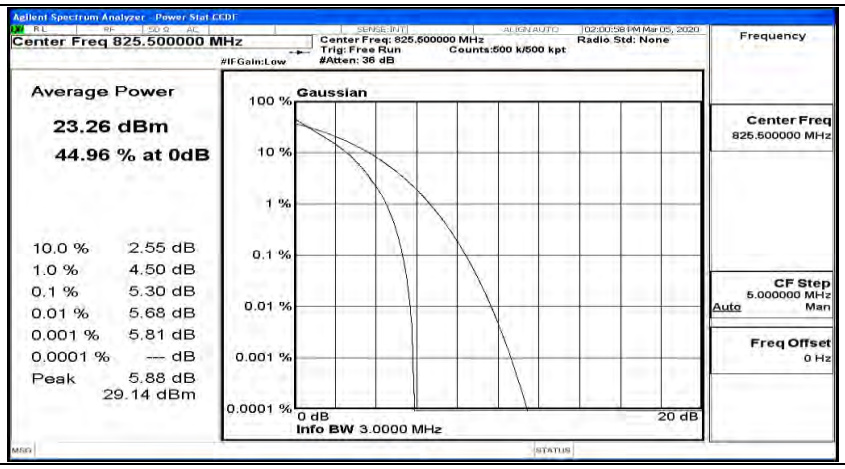

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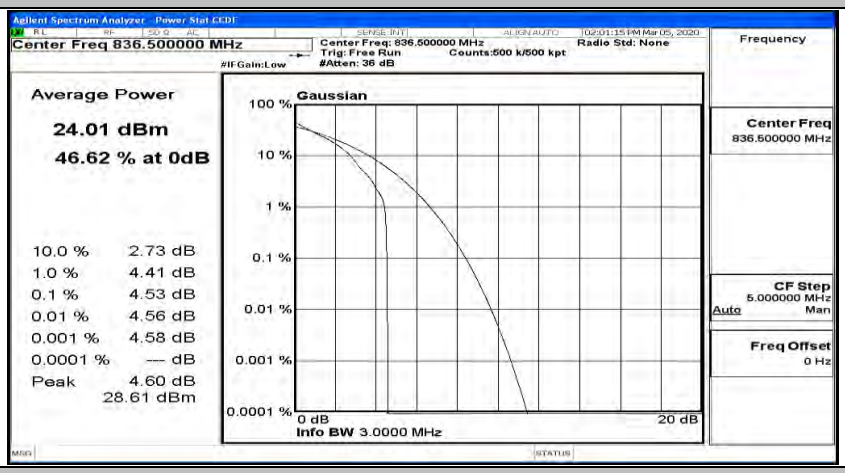

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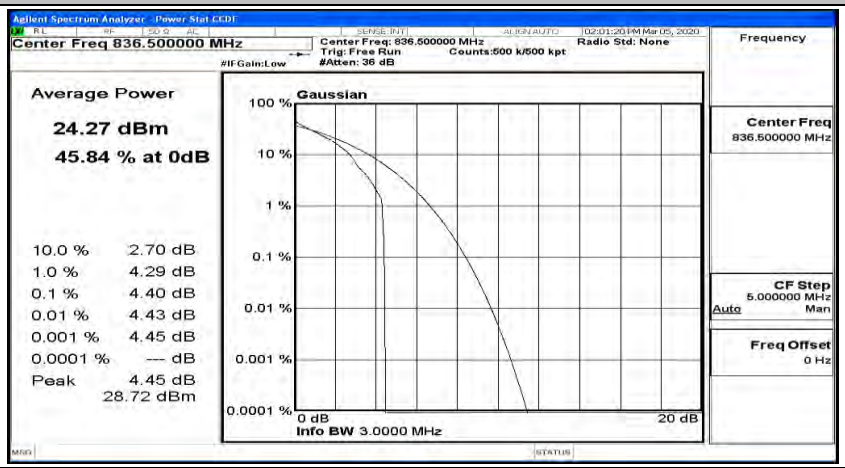

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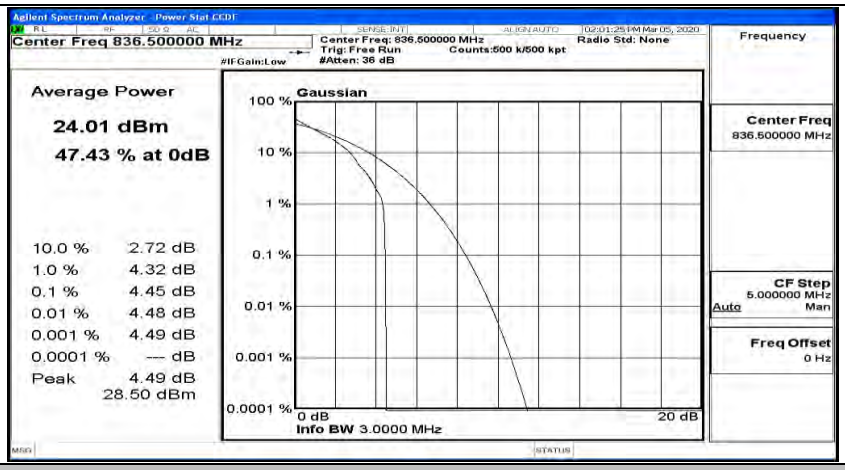

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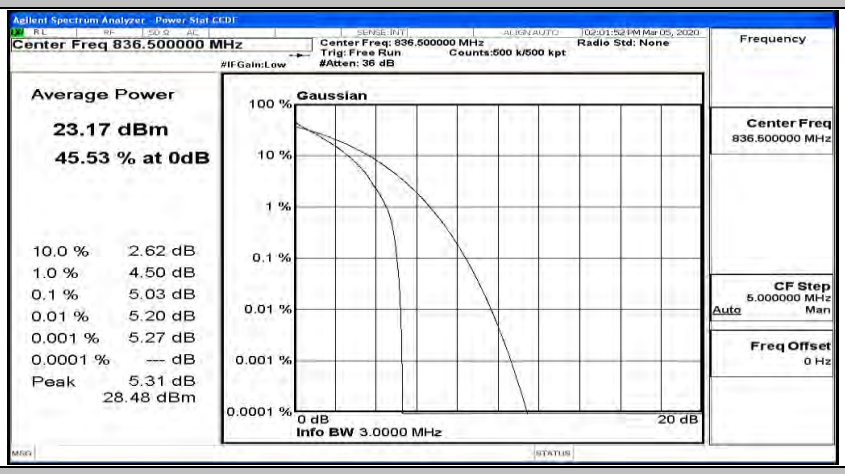
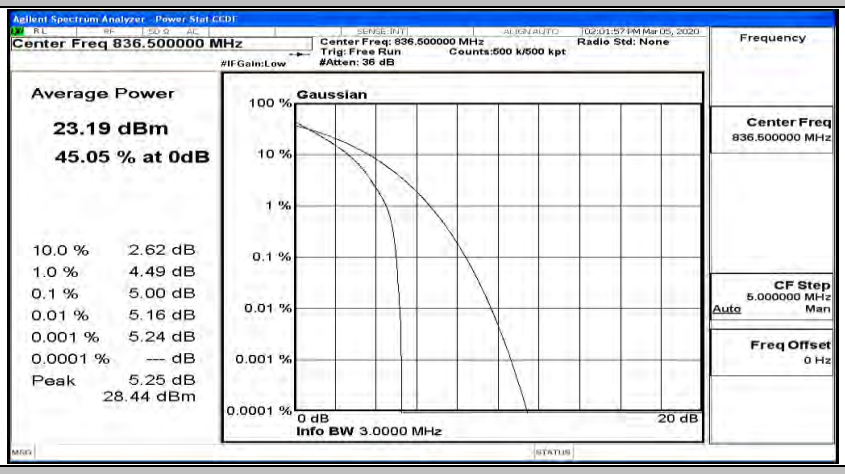
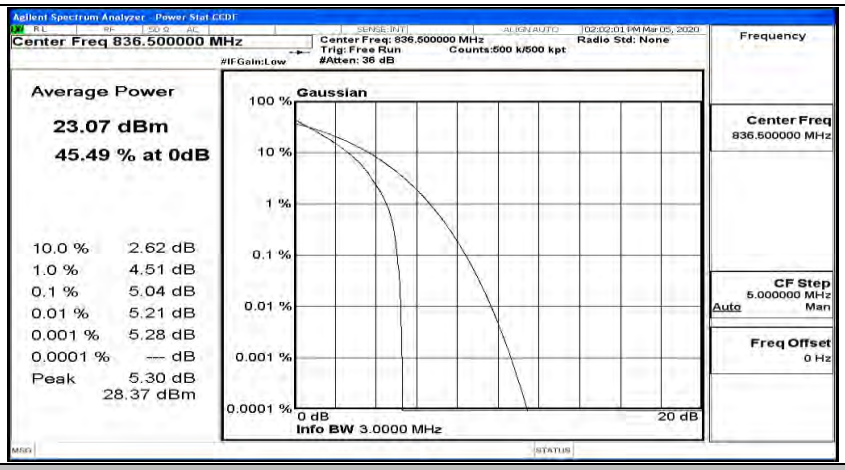


(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#4



(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#7



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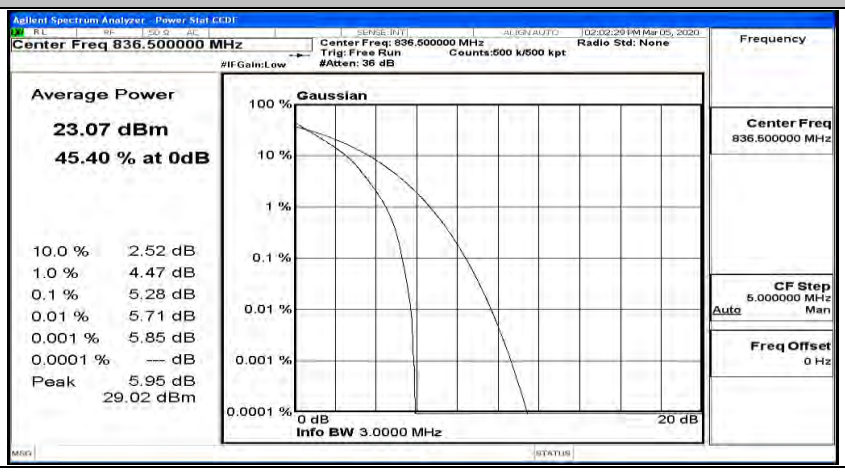

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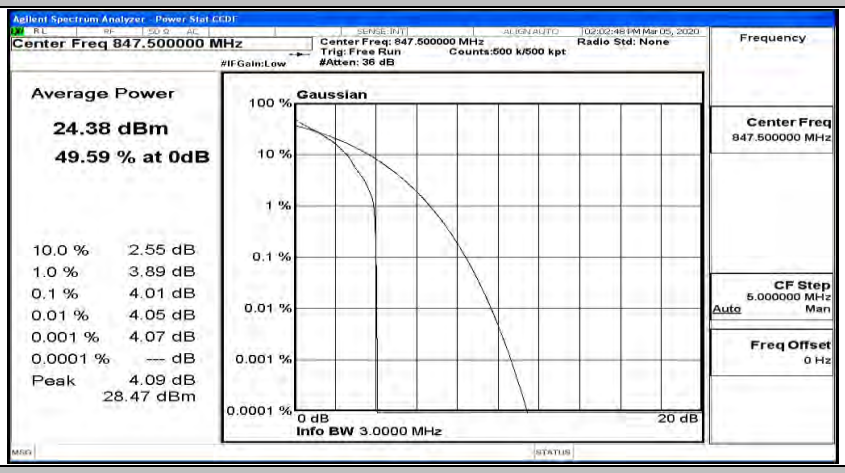
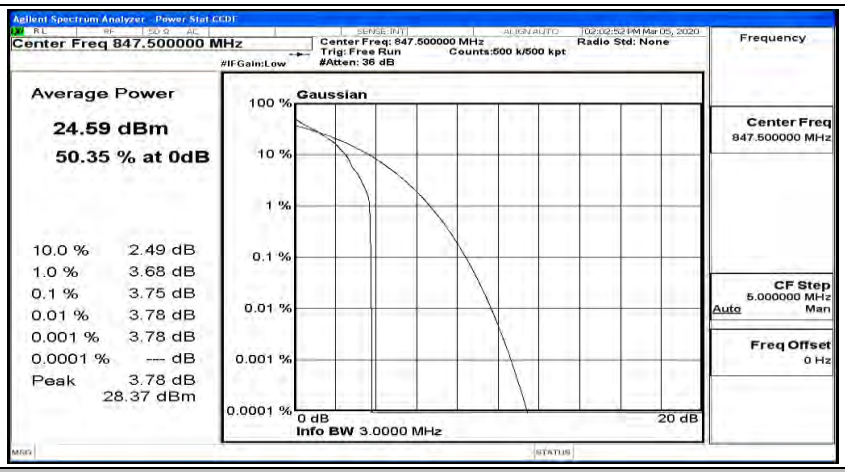


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



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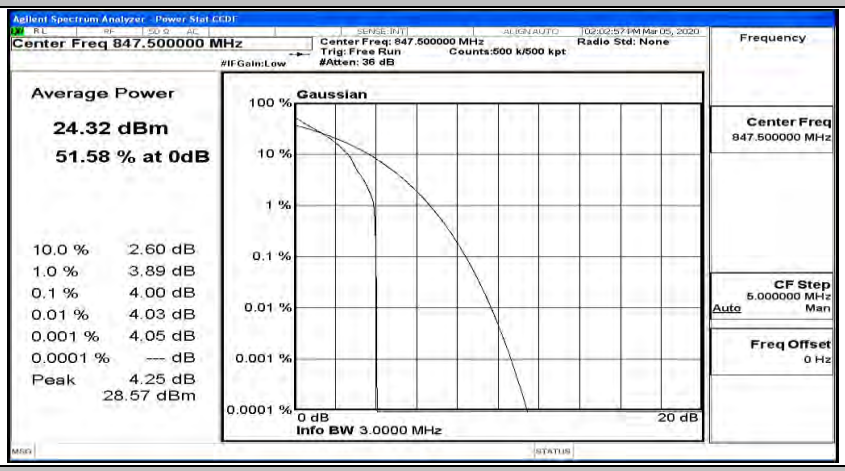

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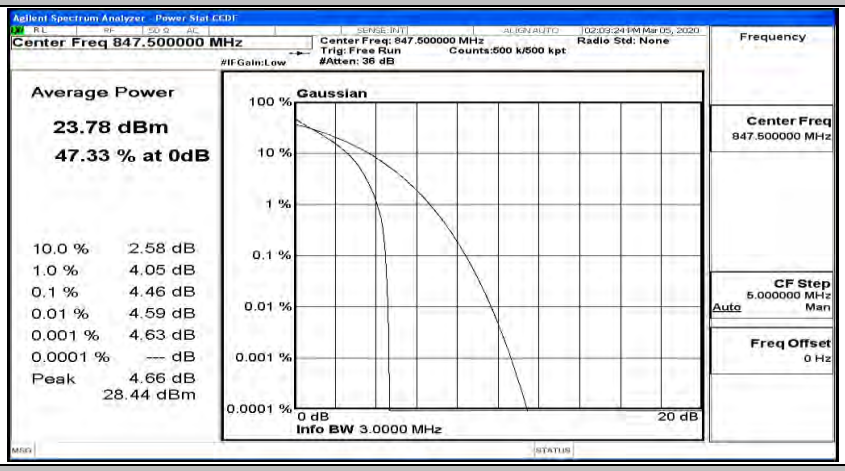

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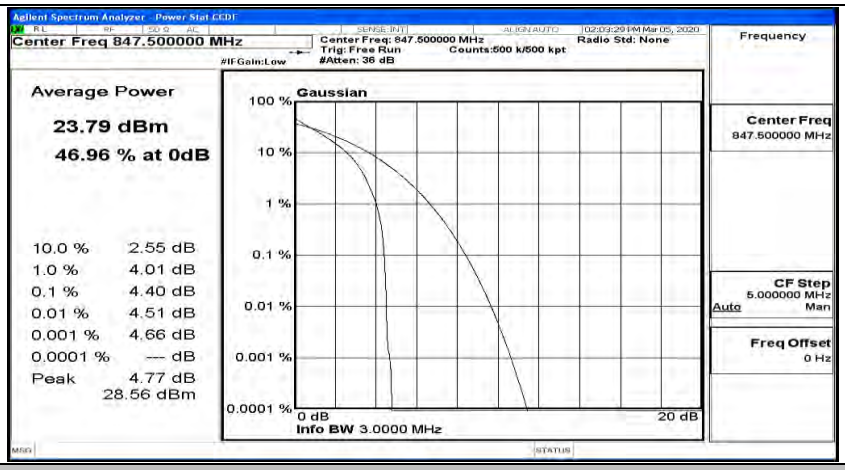
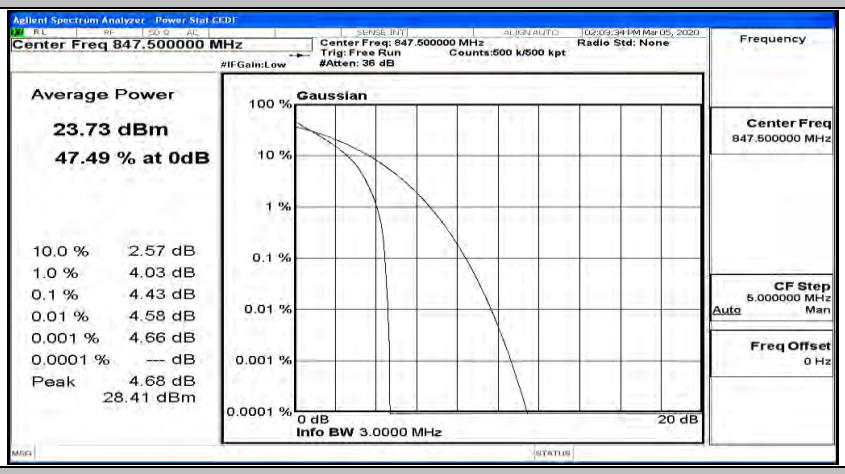
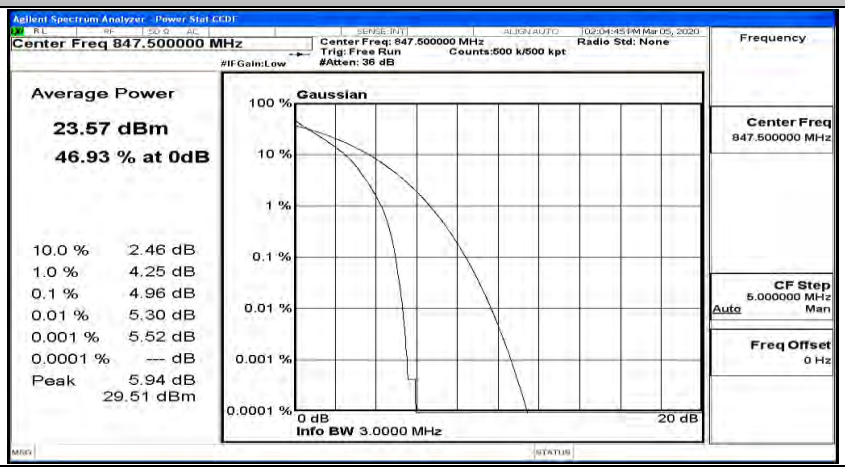


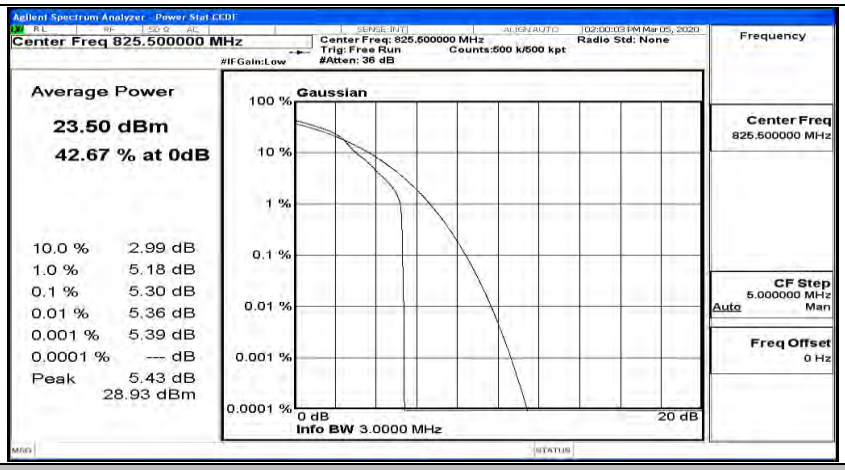
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7



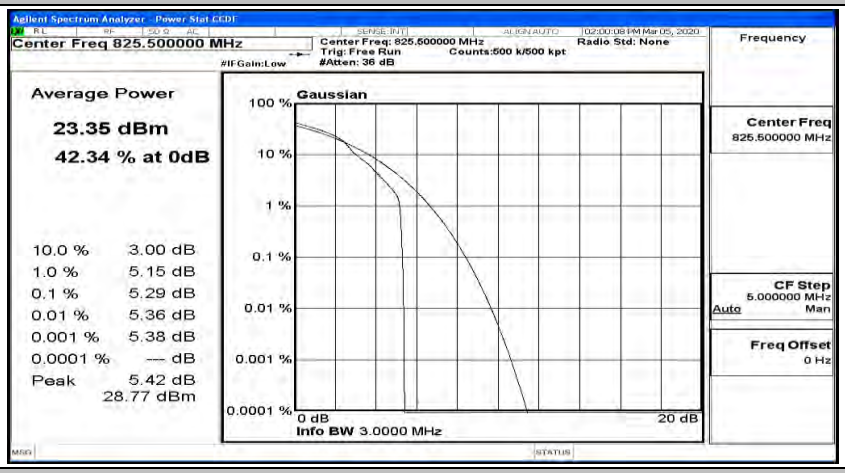
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



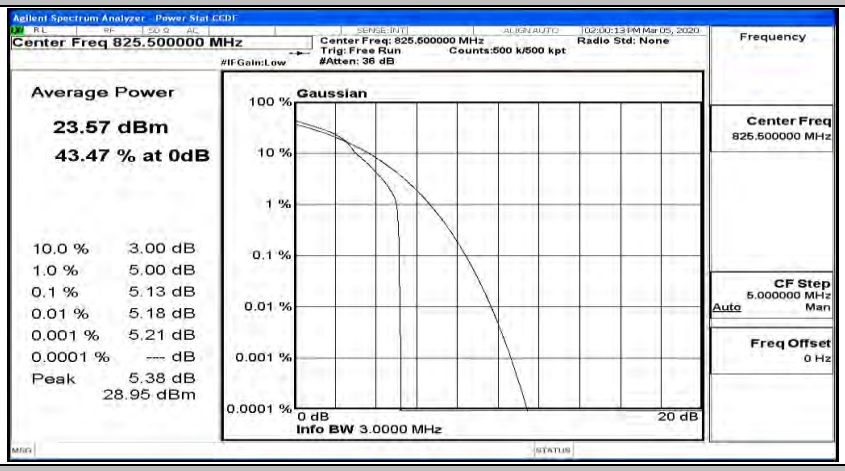
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



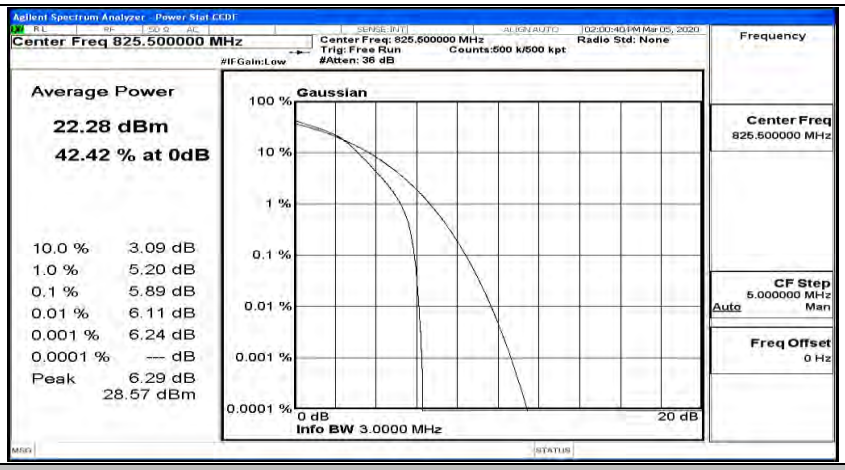
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7



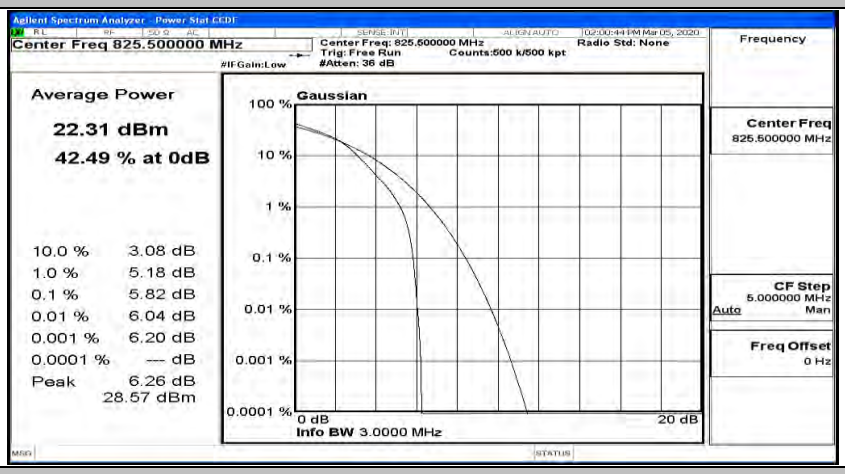
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14



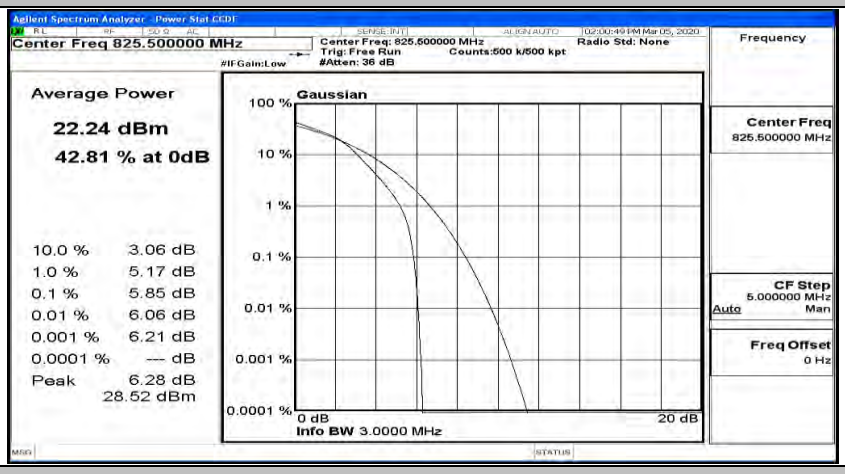
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0



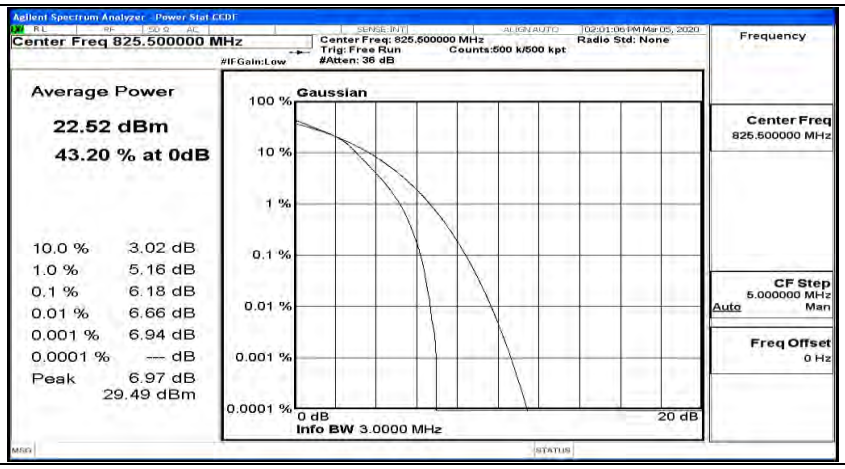
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7



(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



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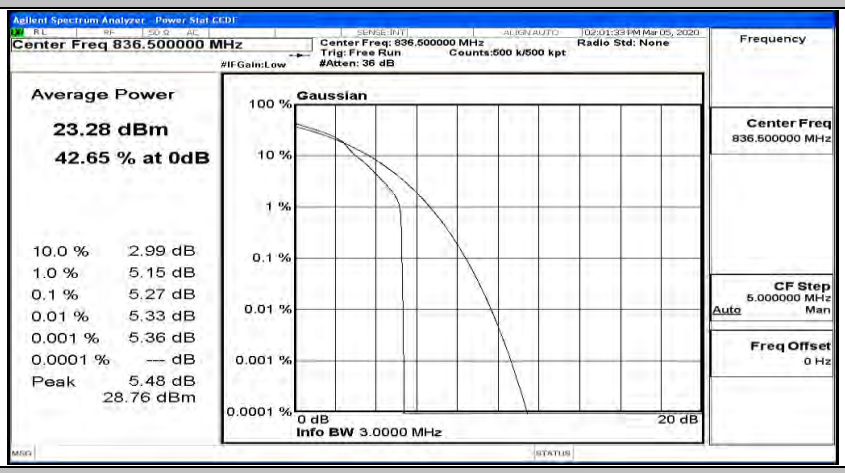

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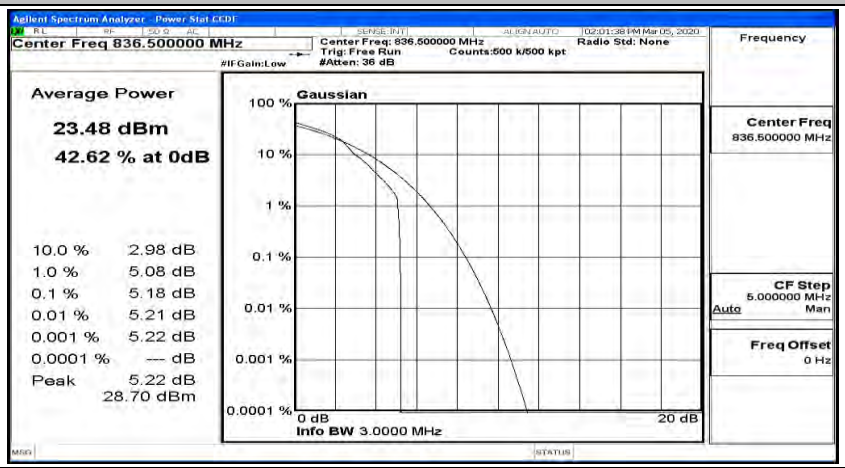
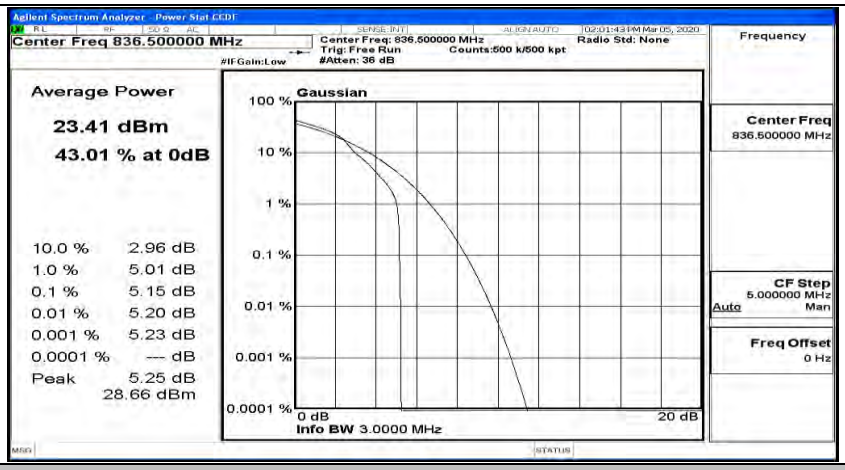
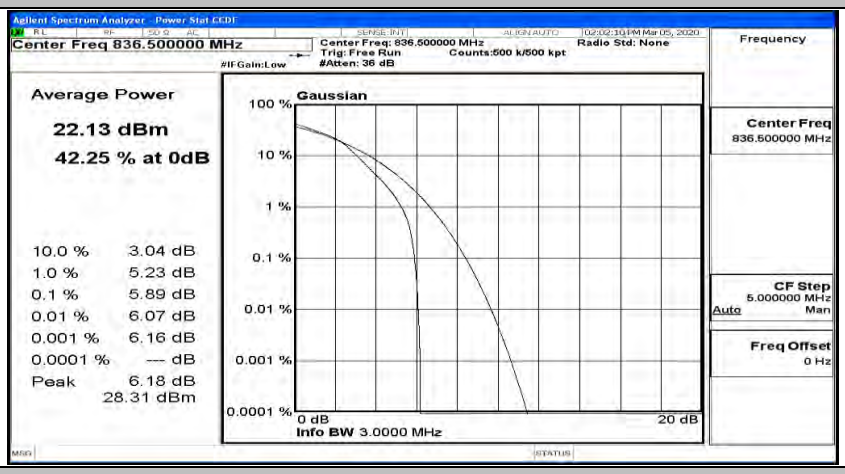


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#0



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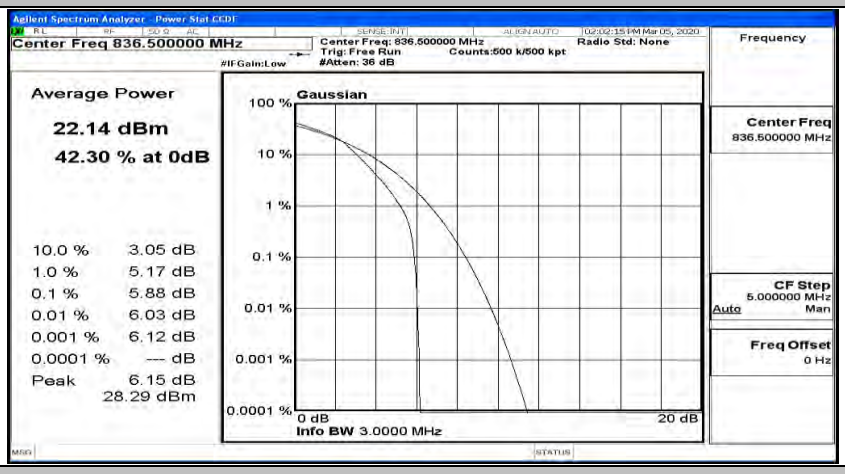
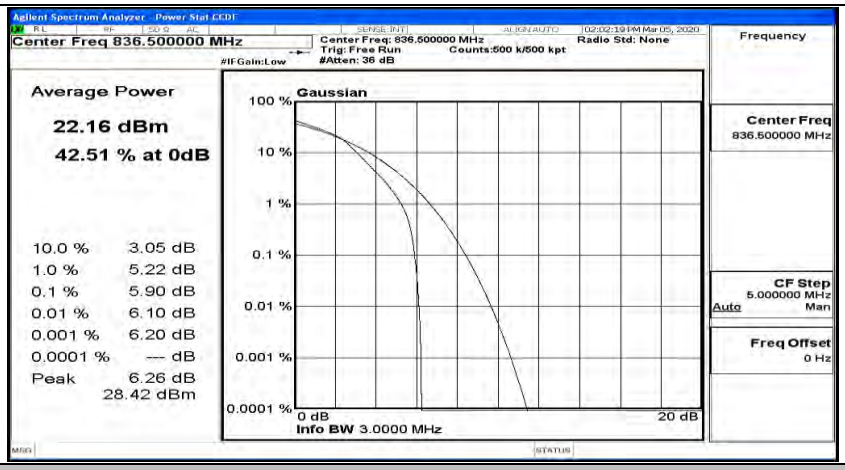


(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#7



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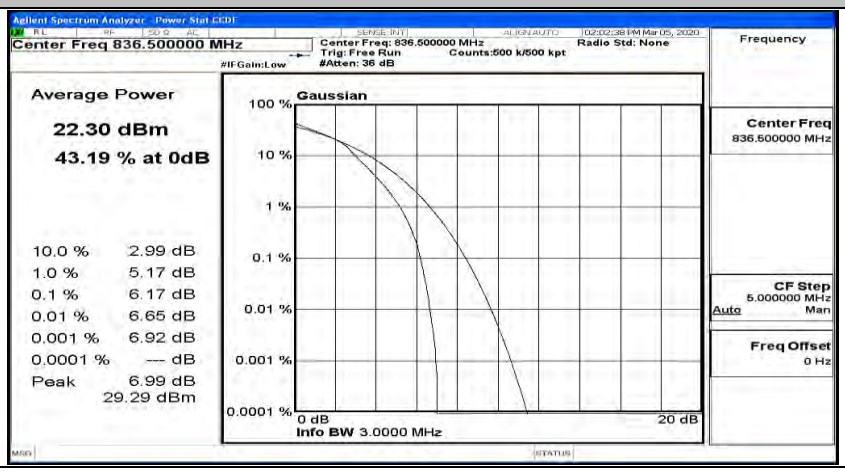
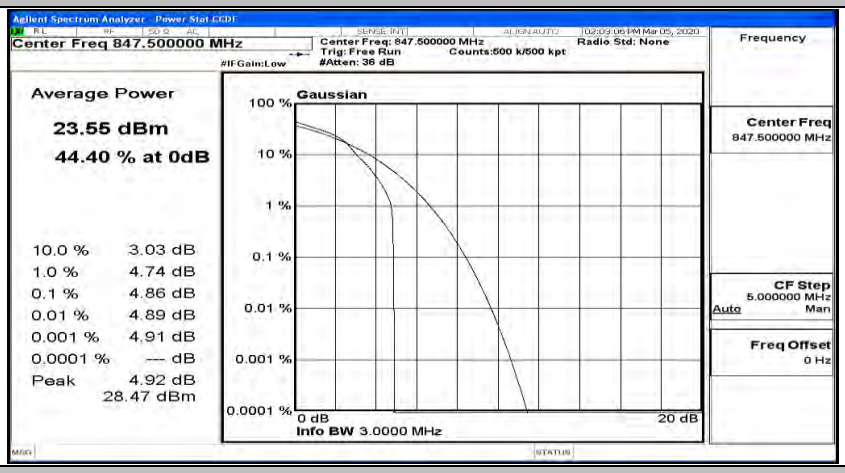
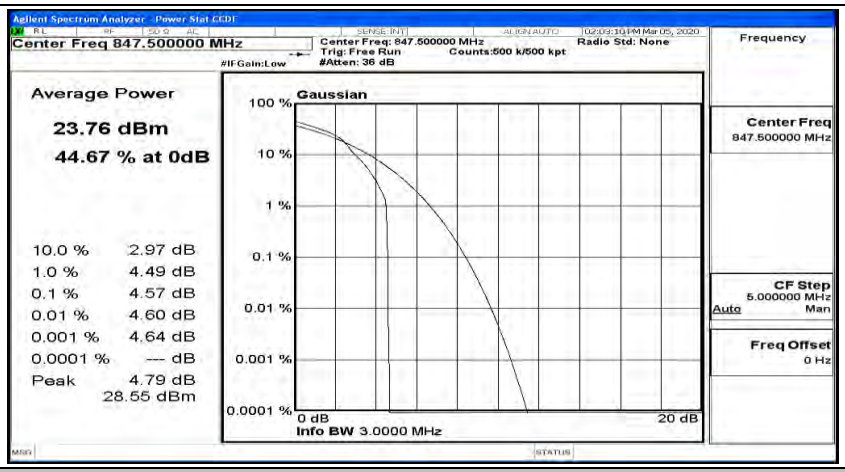


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



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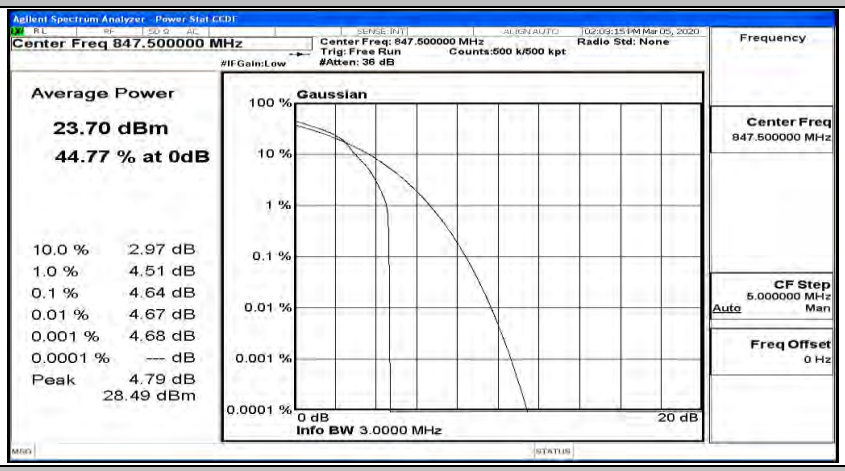
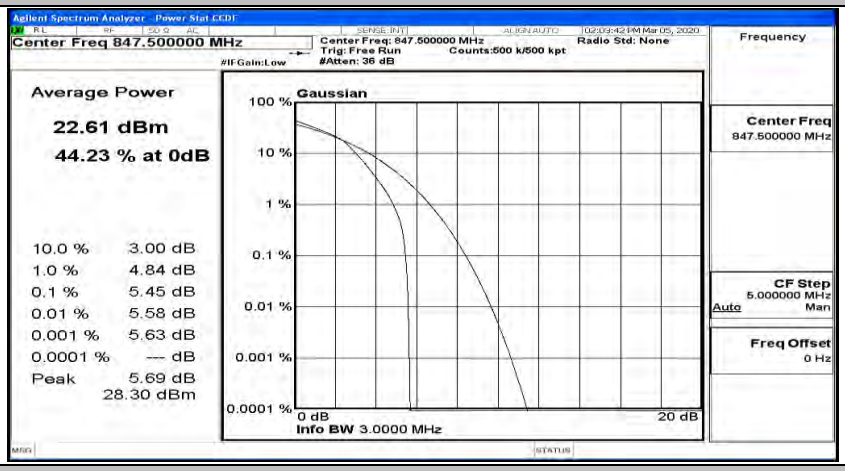
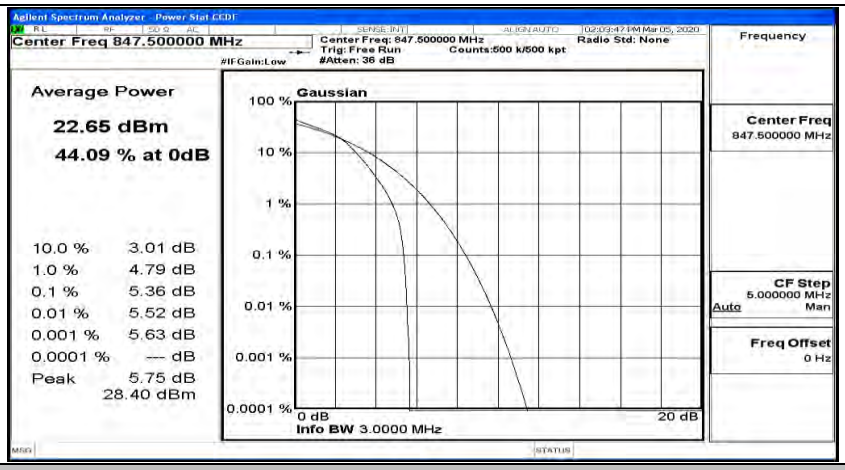


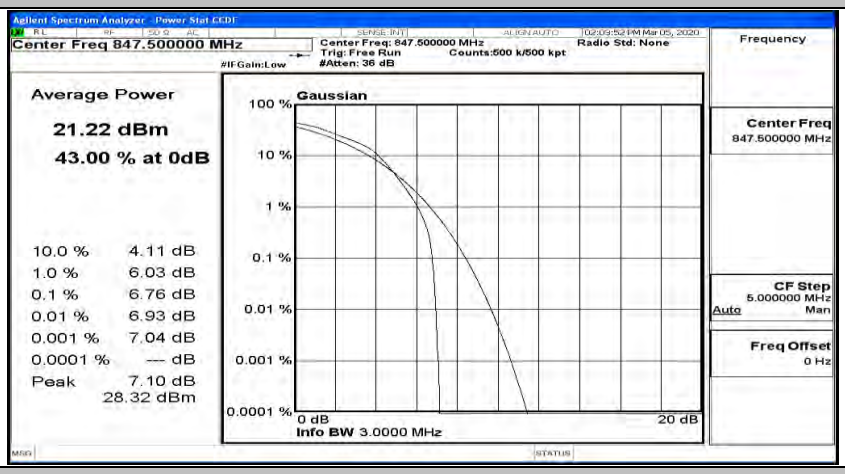
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



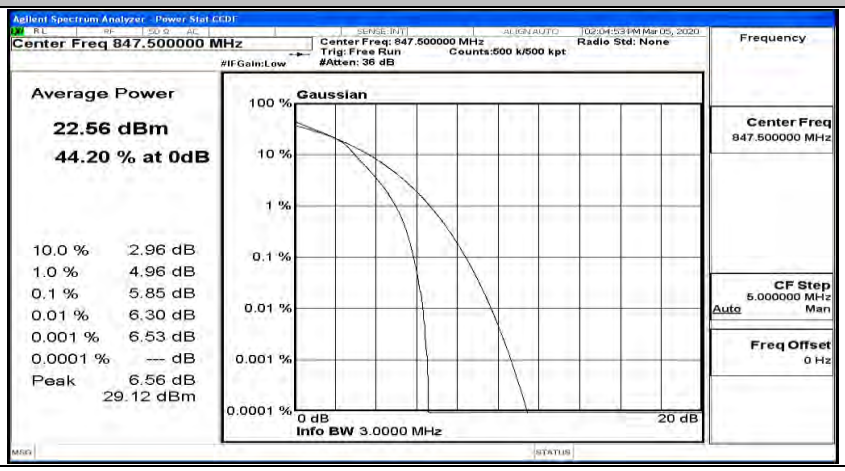
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7

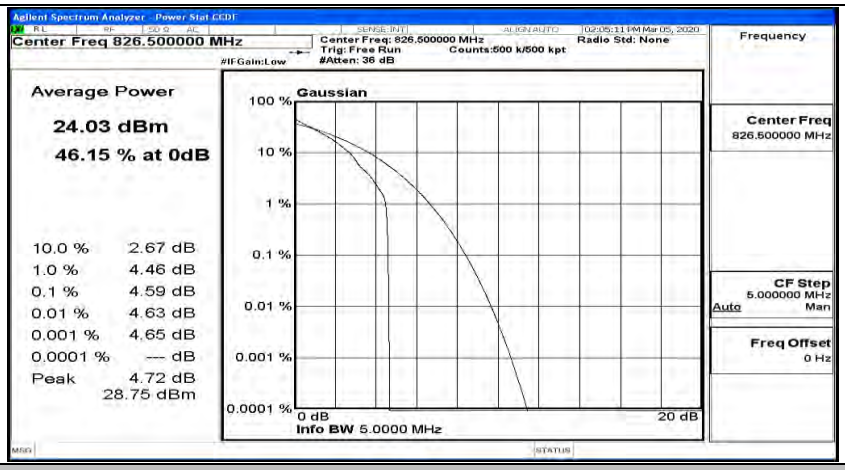


(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

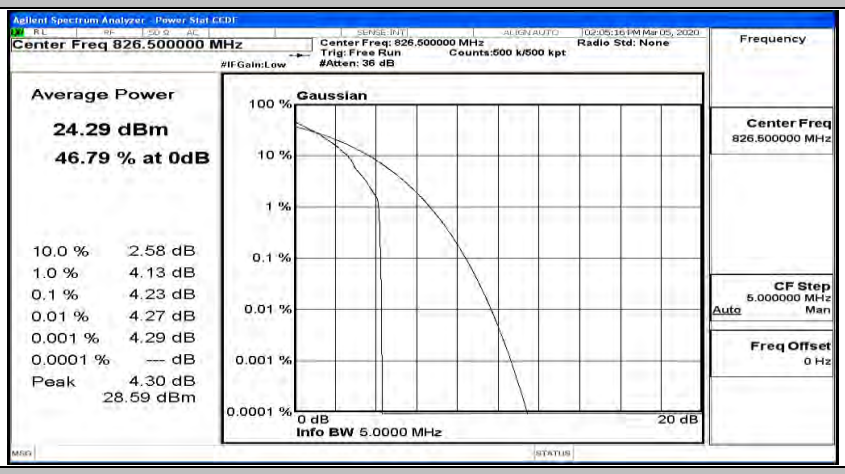


Channel Bandwidth: 5 MHz

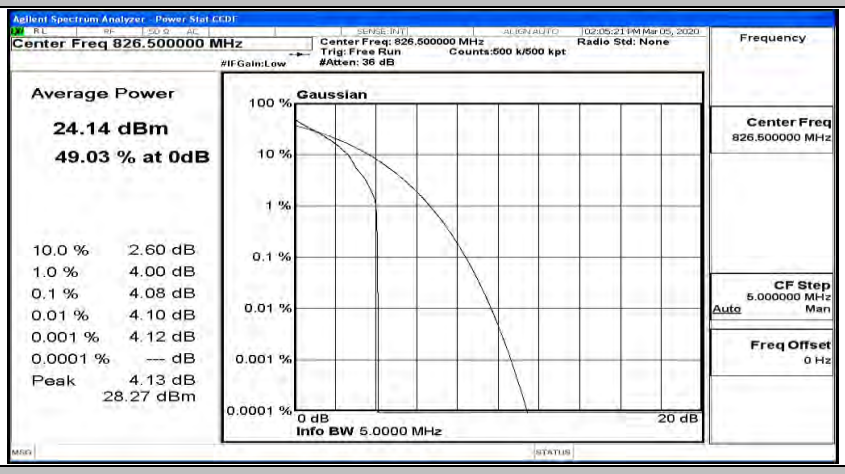
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



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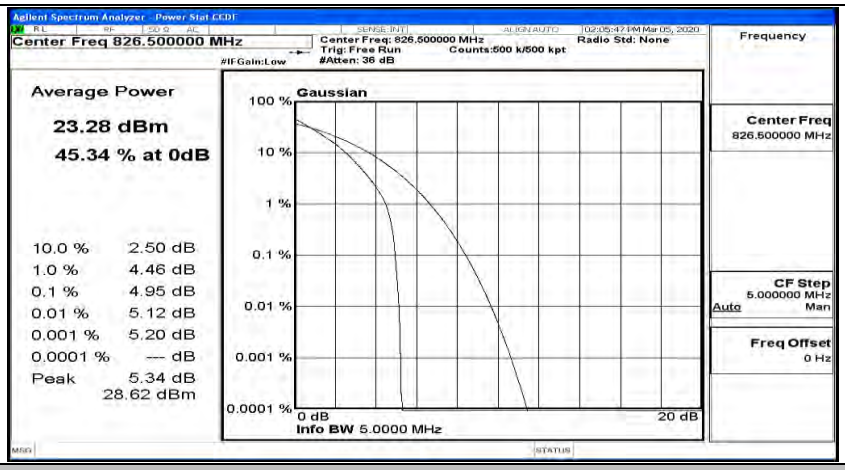

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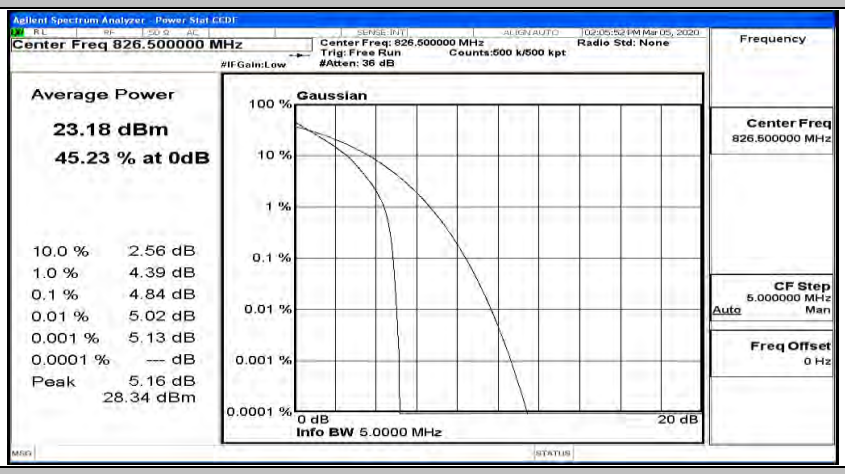

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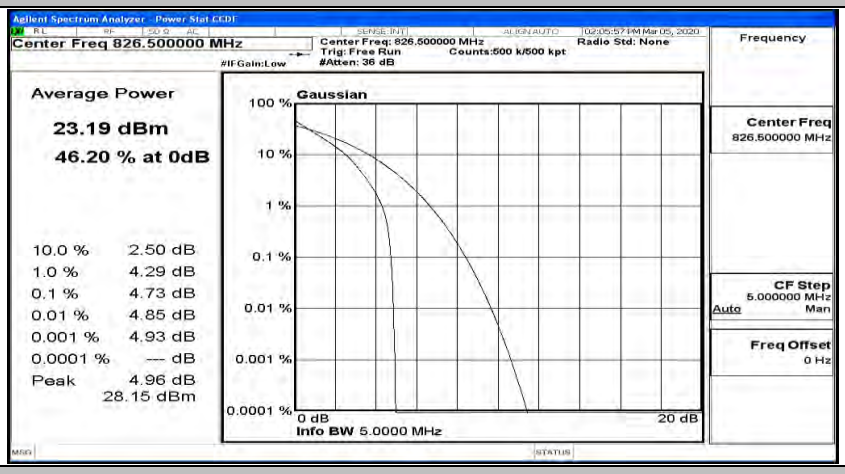

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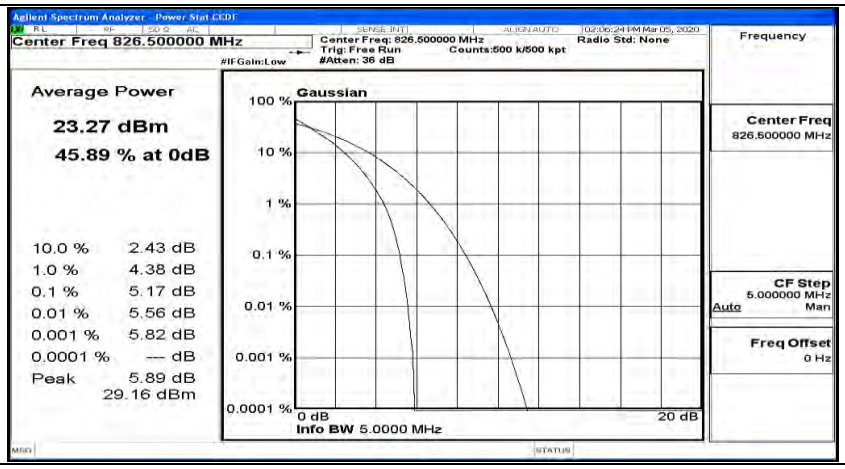

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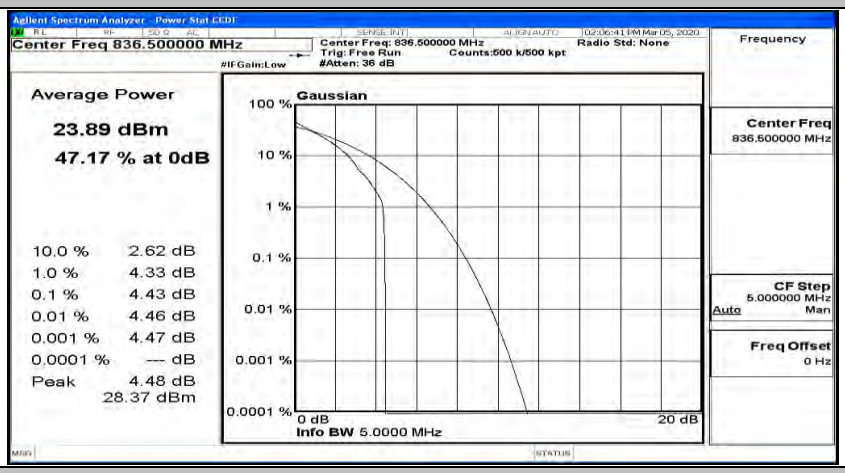

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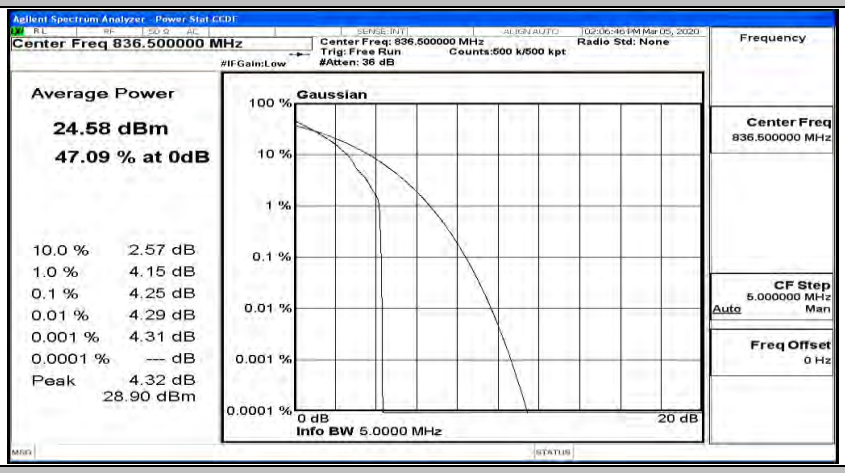

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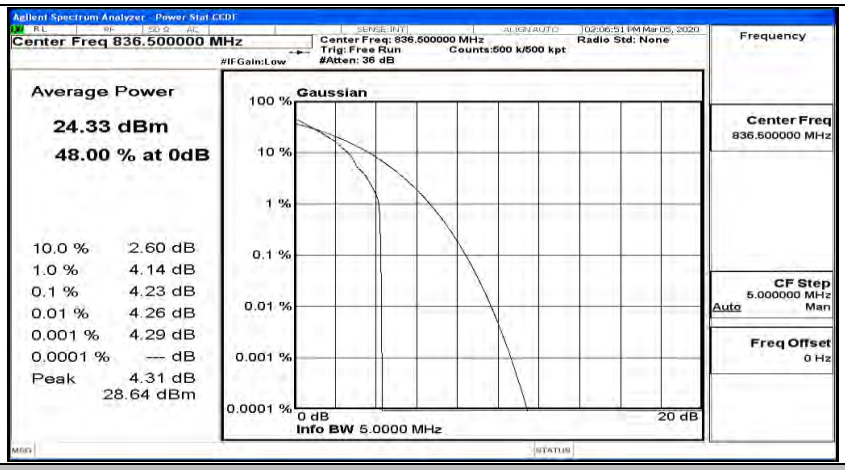

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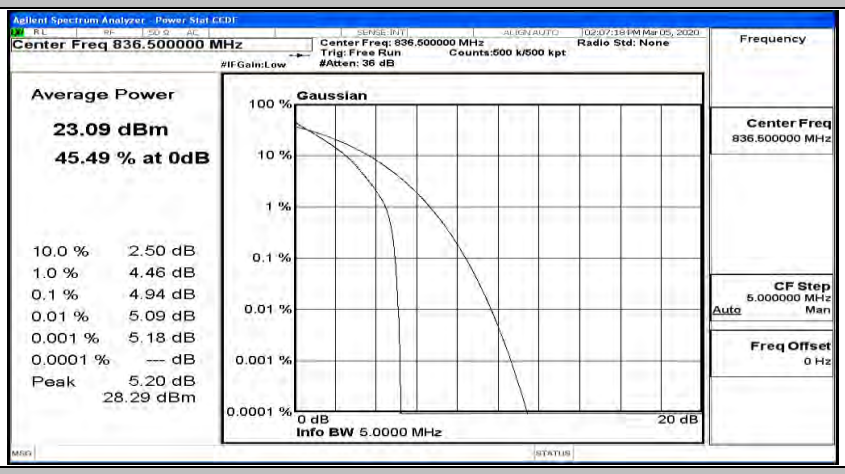

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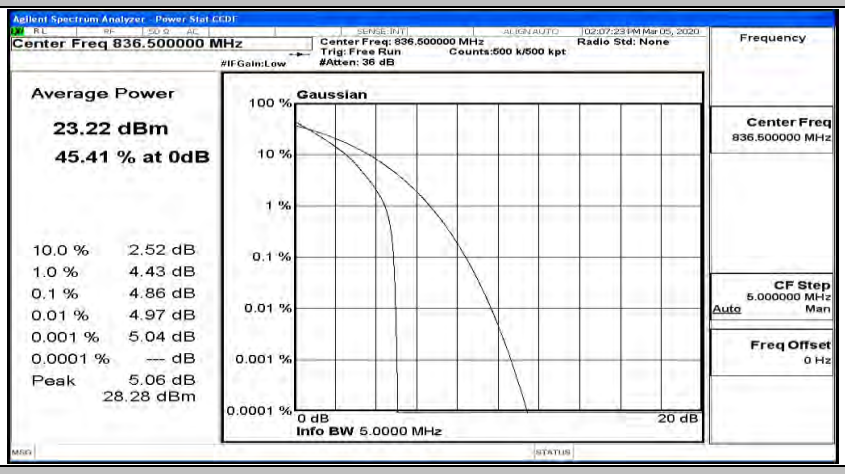

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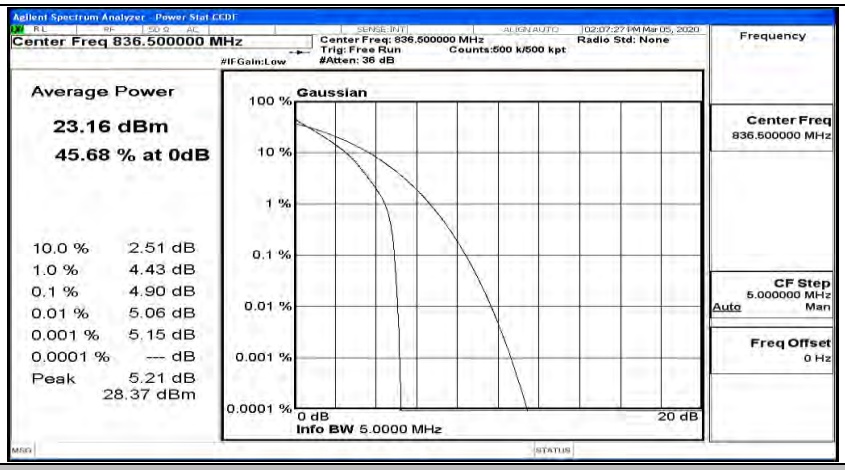

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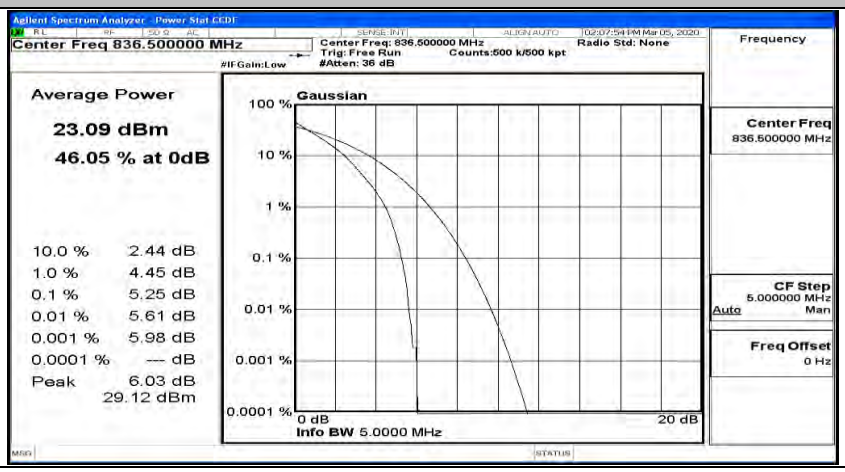

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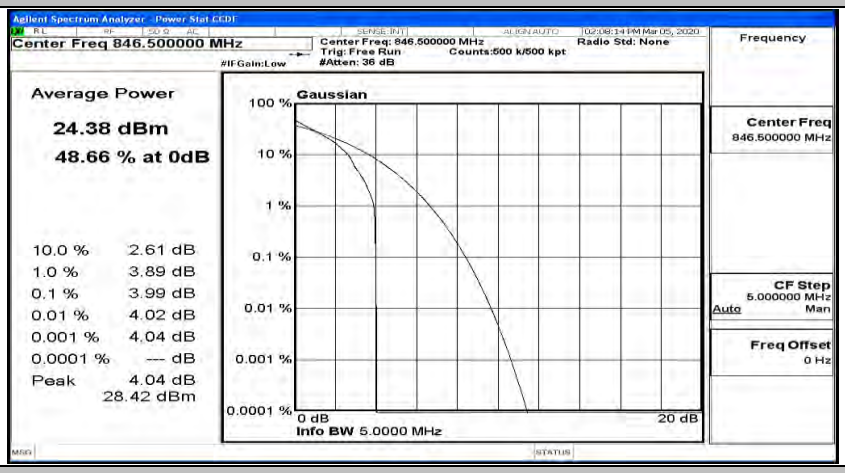

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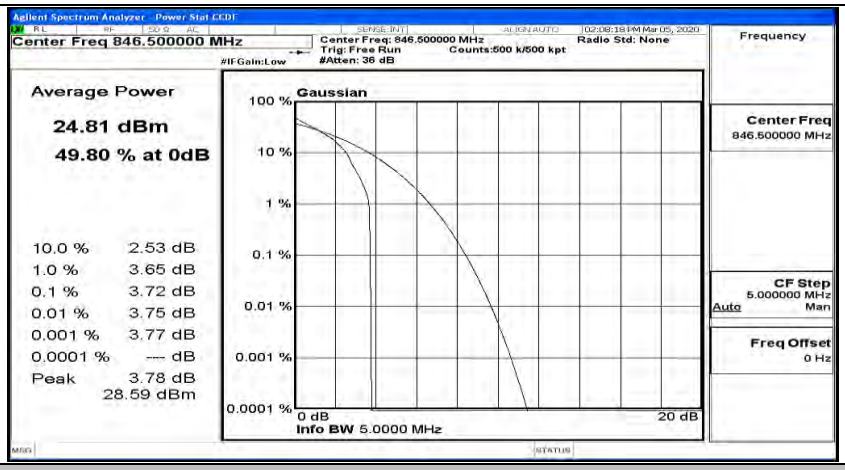

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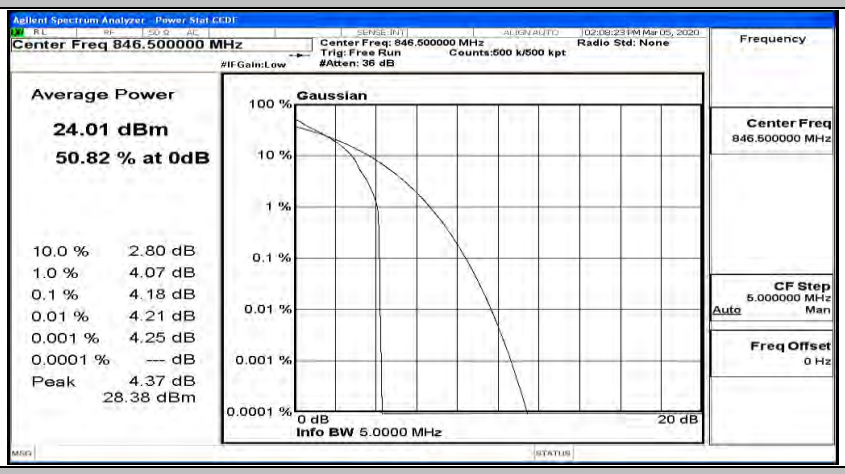

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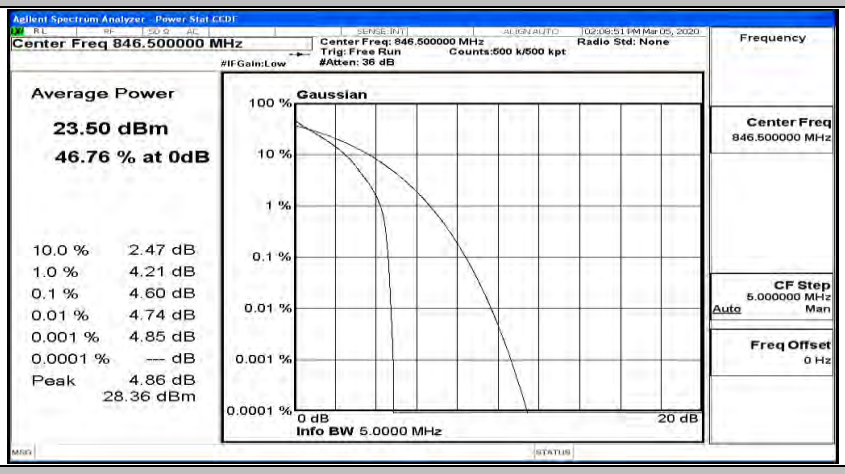

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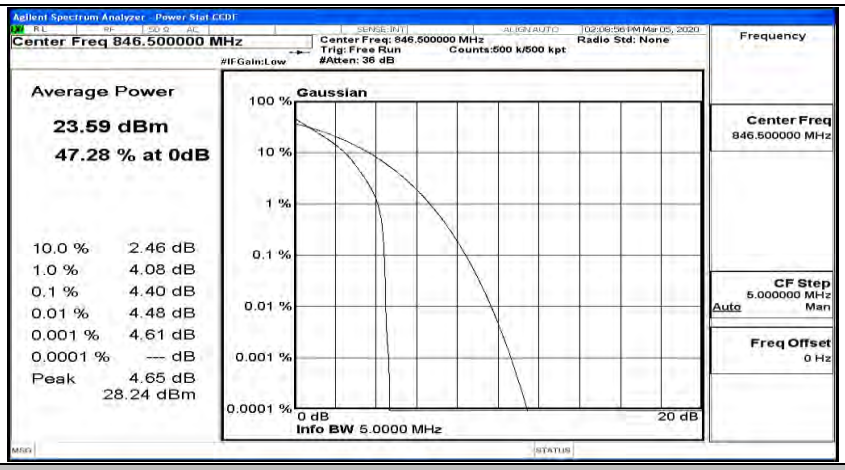

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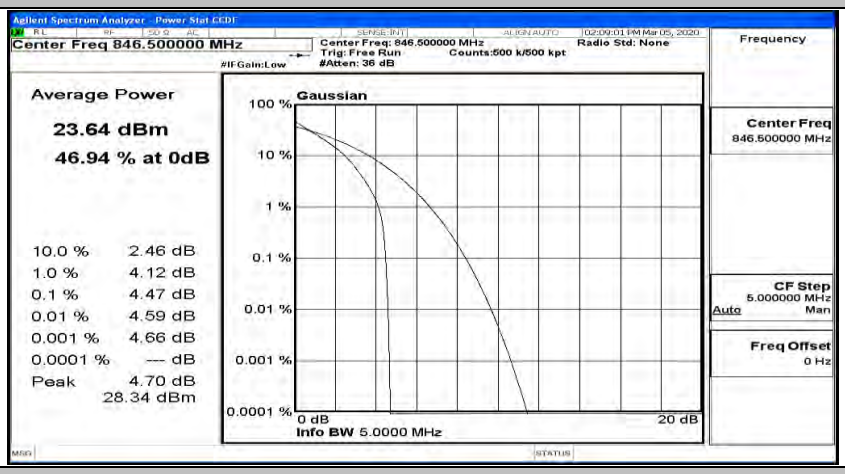

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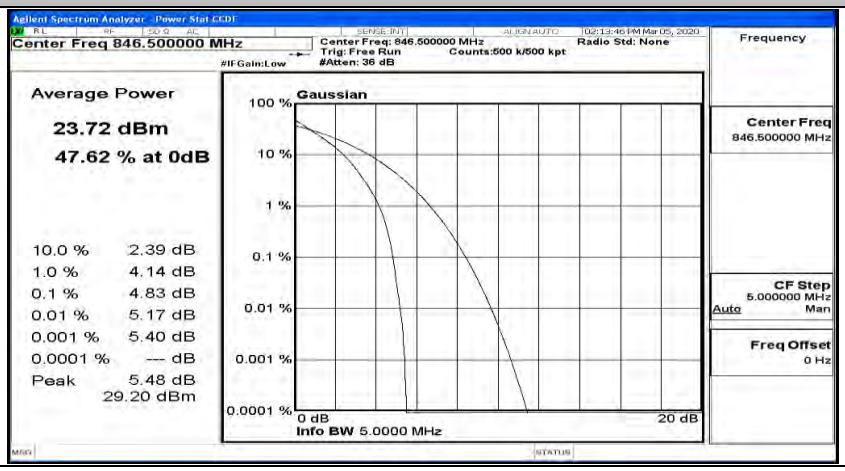

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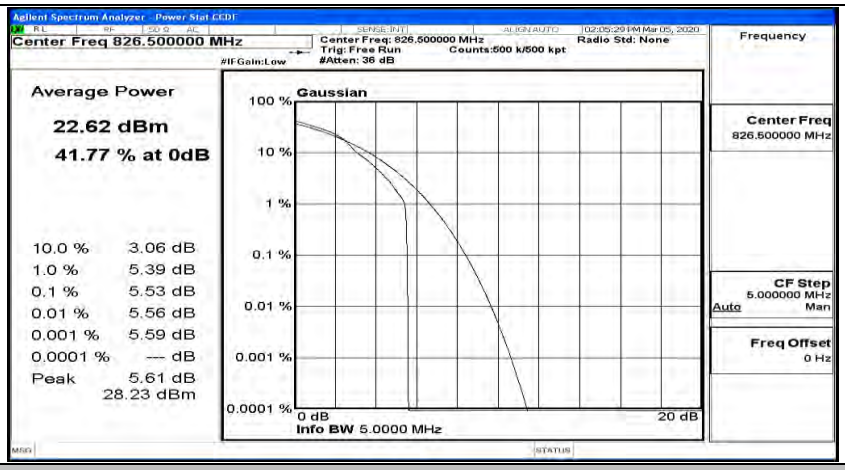

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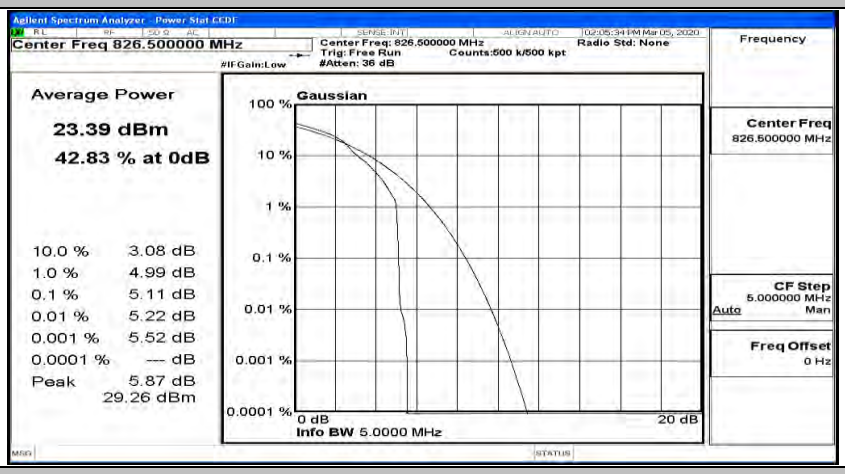

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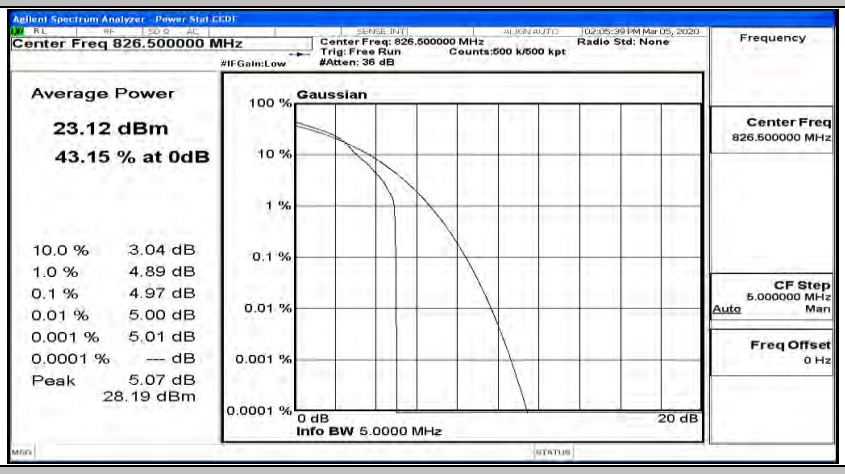

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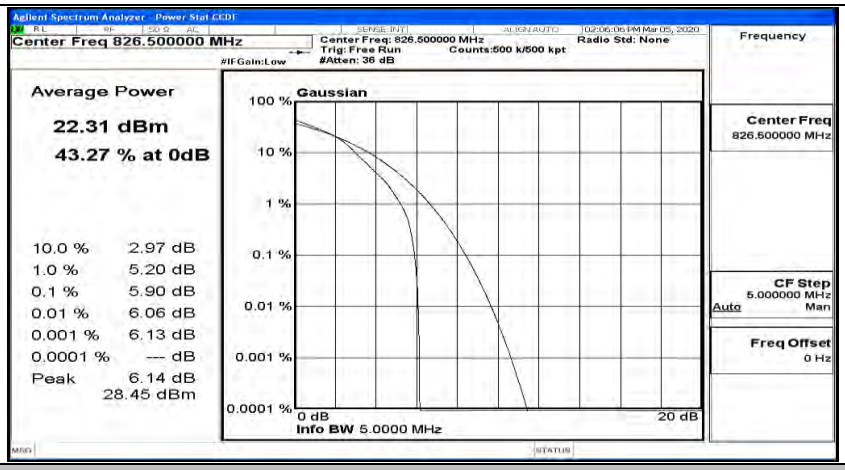

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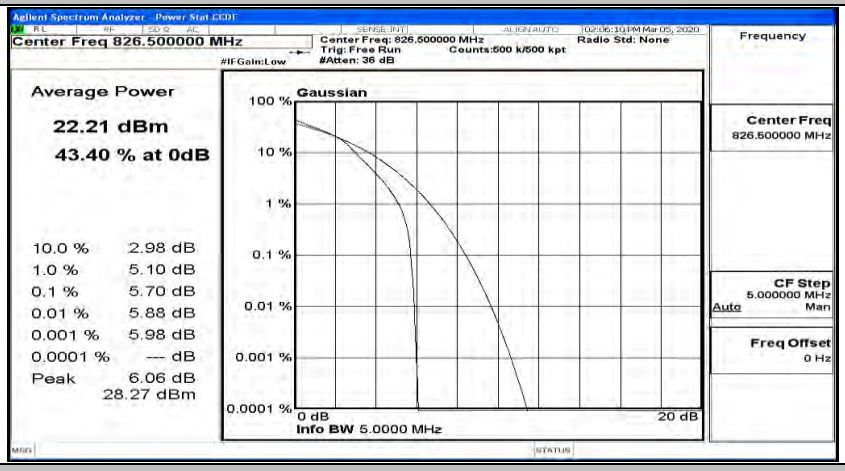

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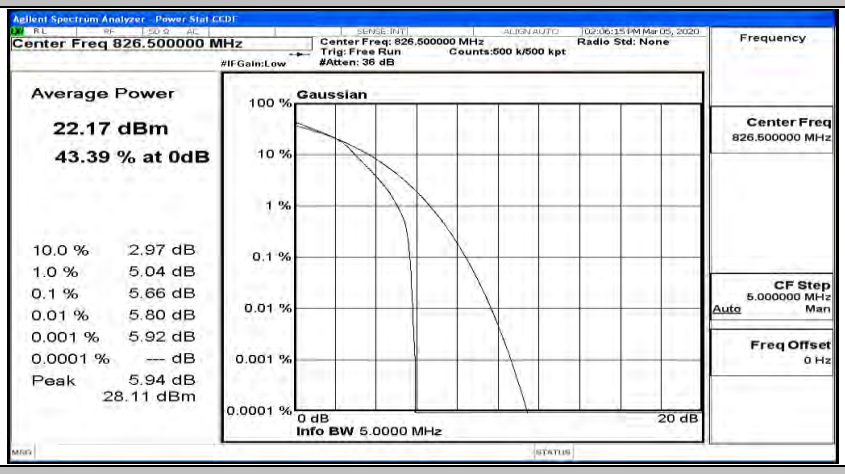
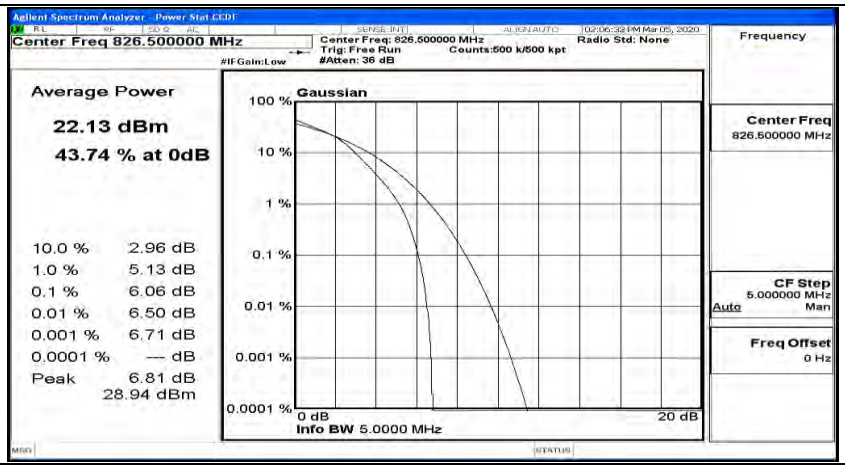
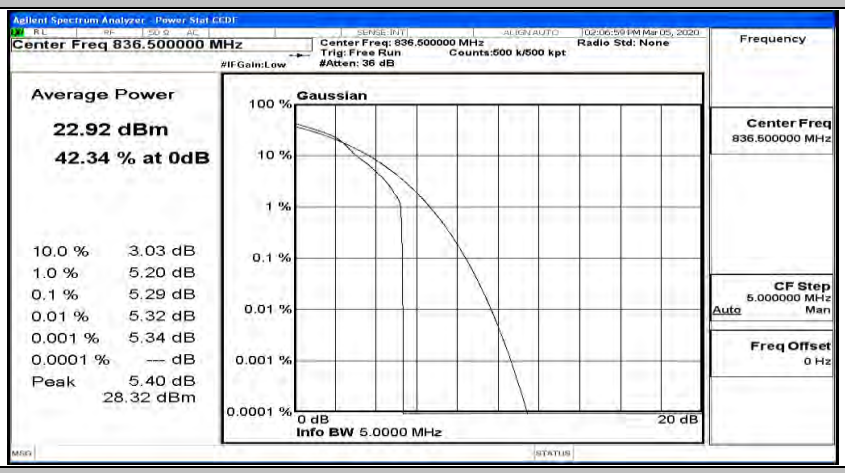


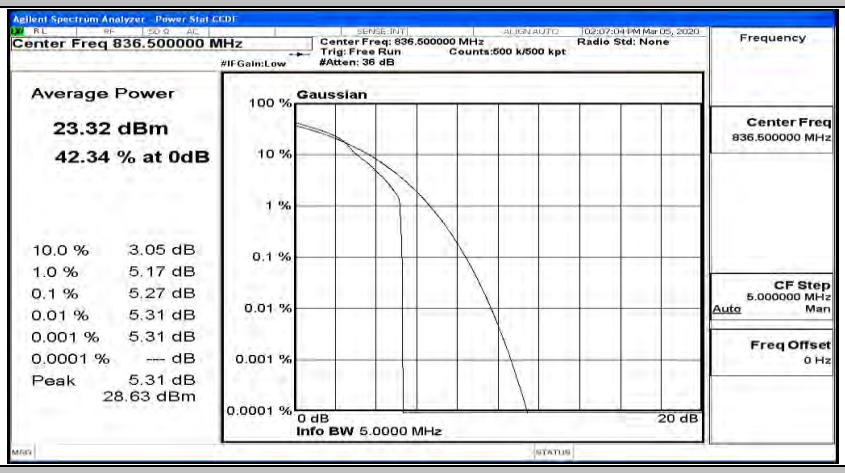
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



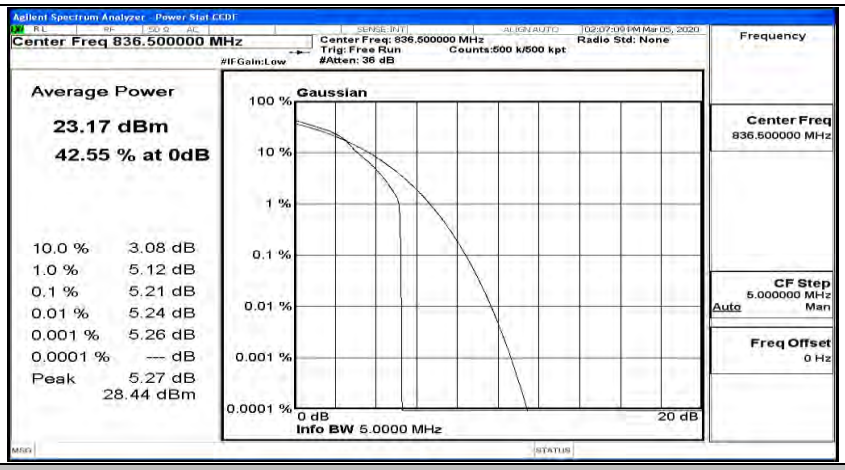
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



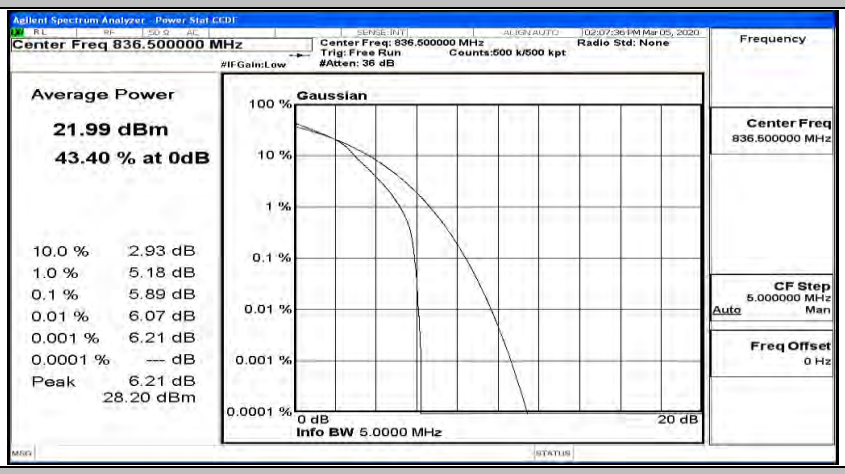
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



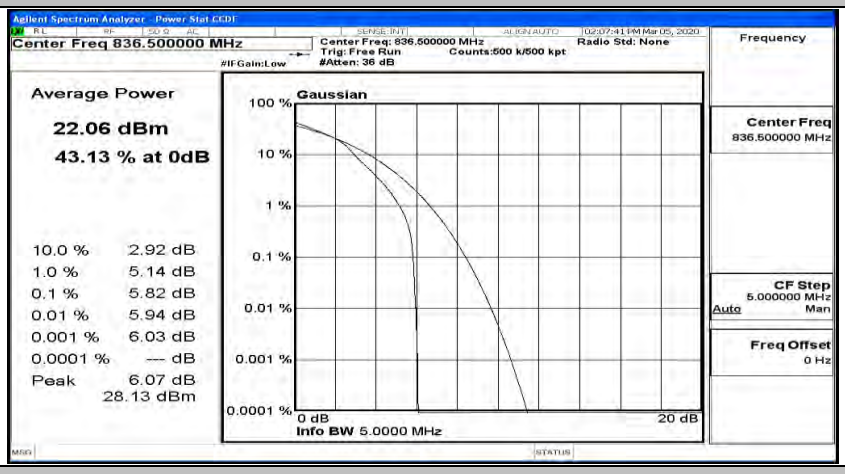
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



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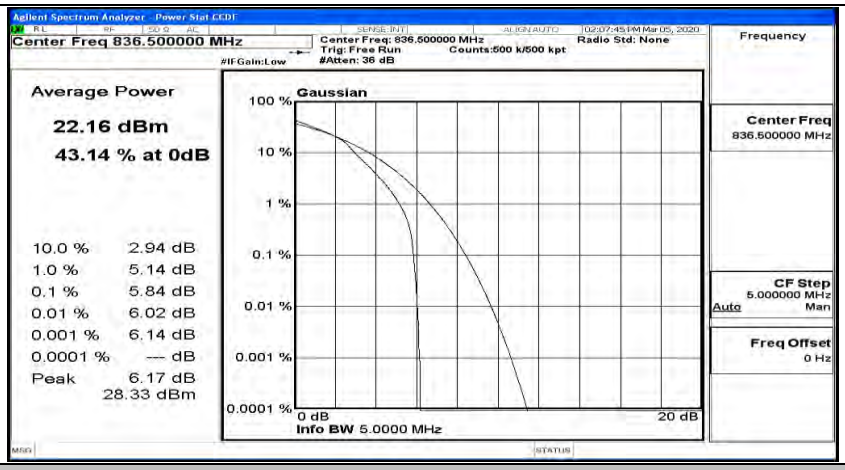
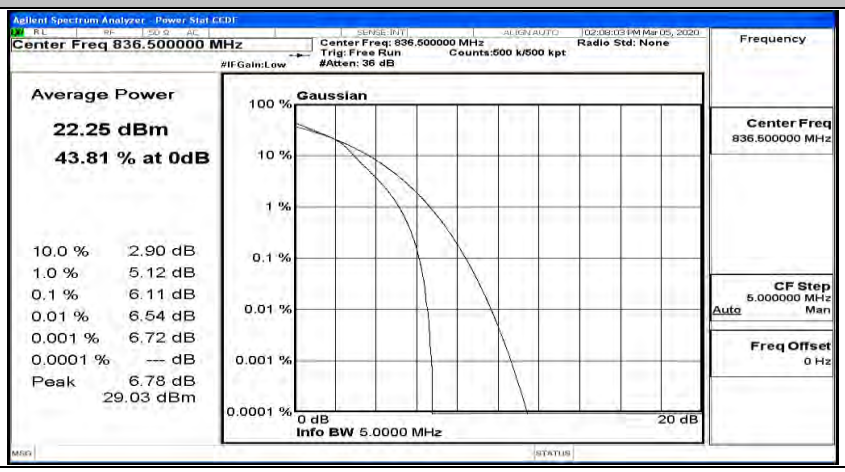
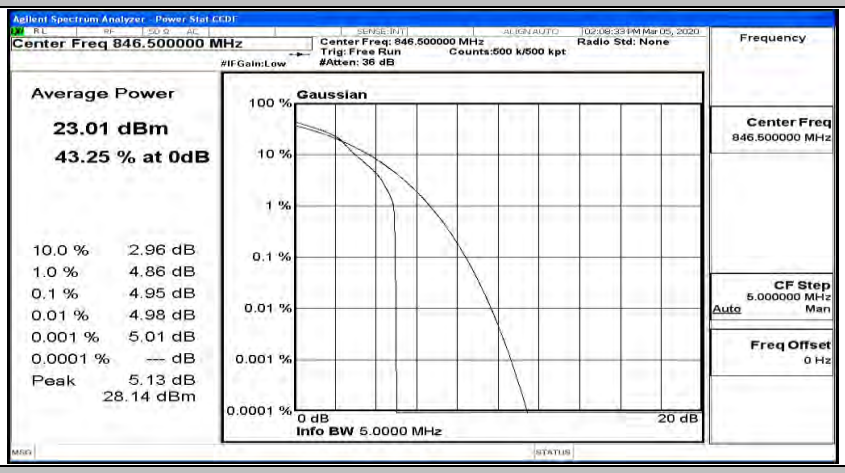


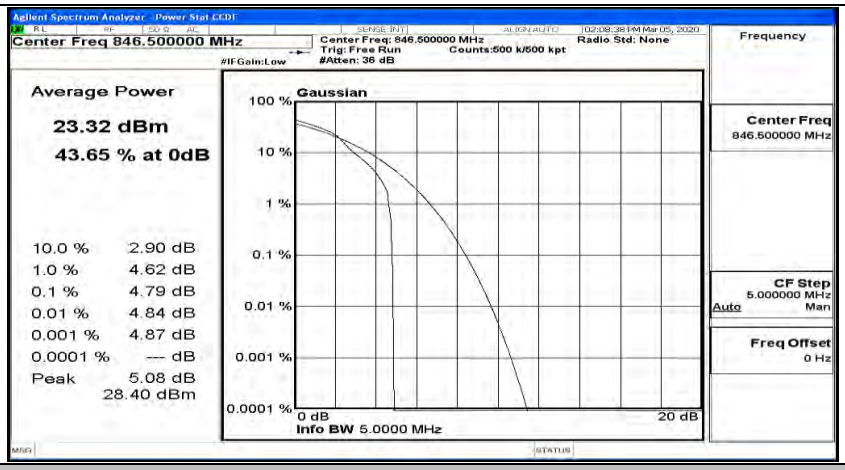
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



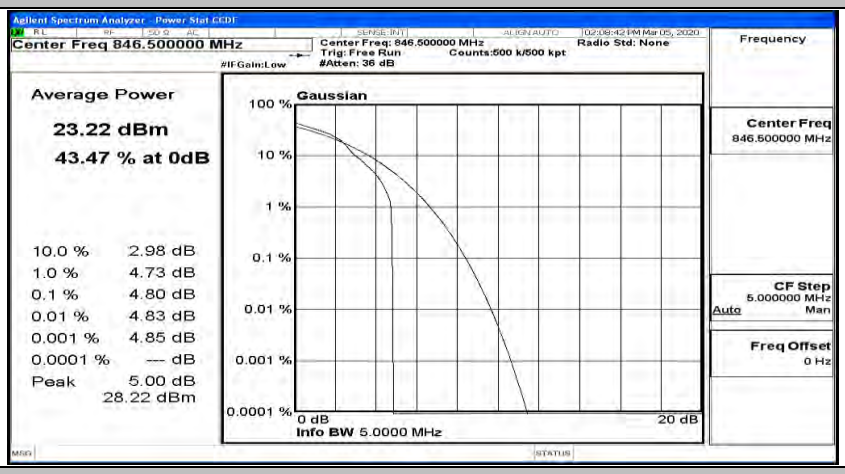
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



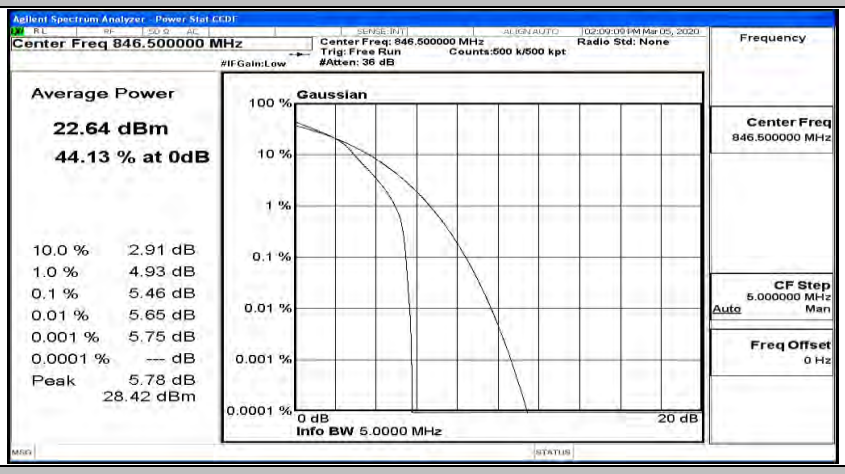
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



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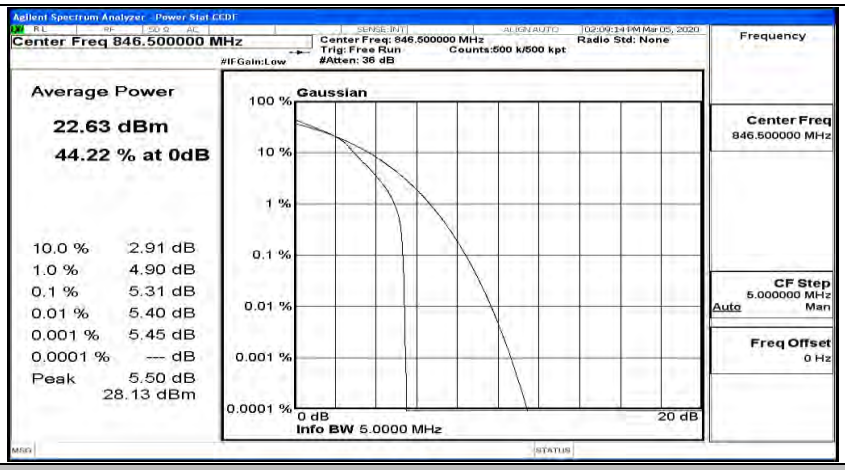
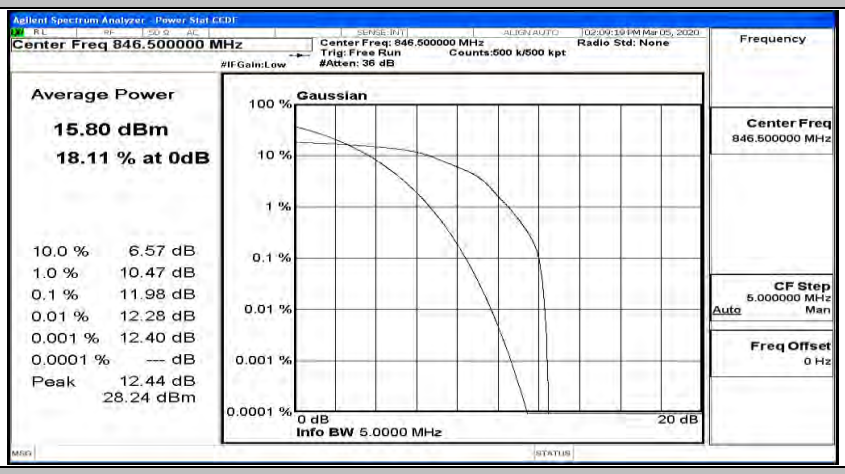
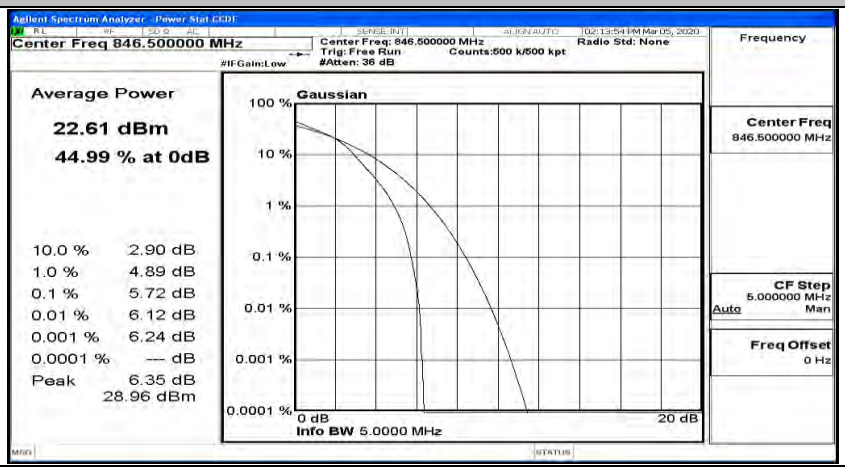


(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

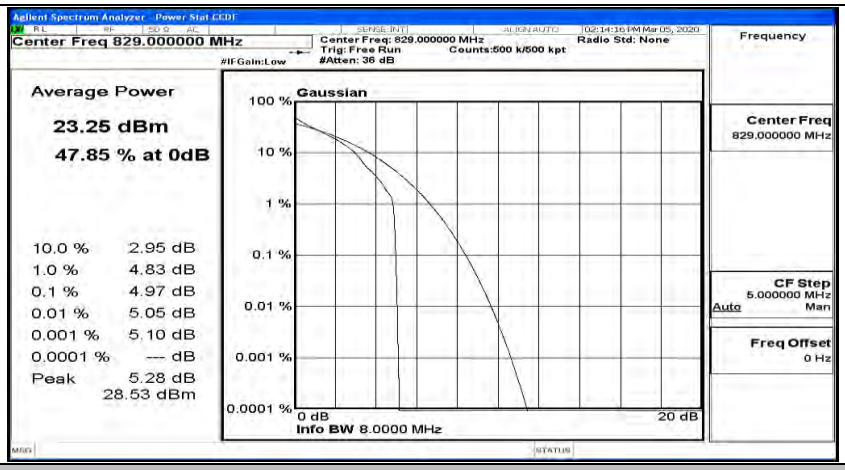


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

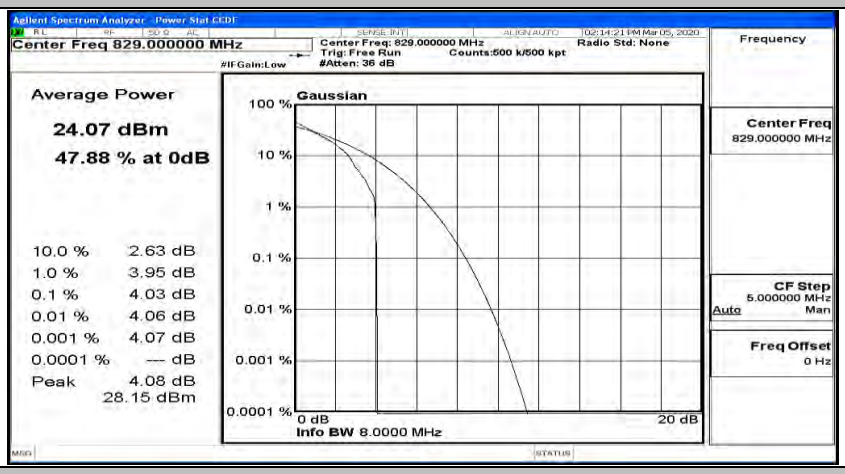


Channel Bandwidth: 10 MHz

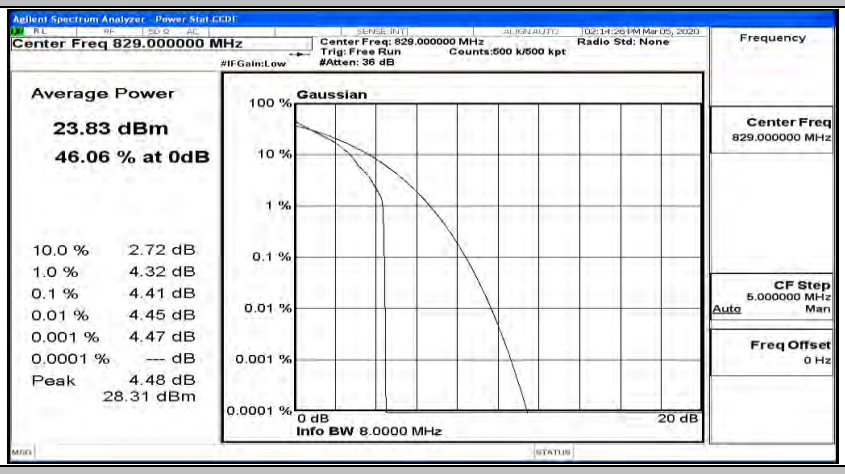
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0



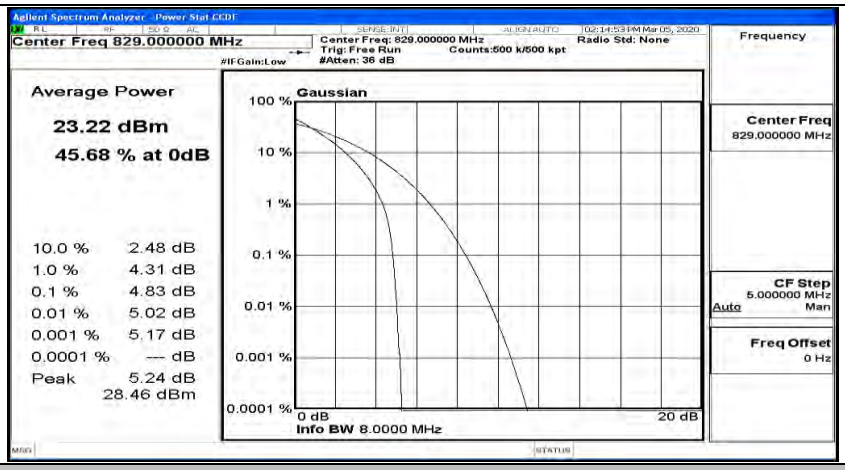
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24



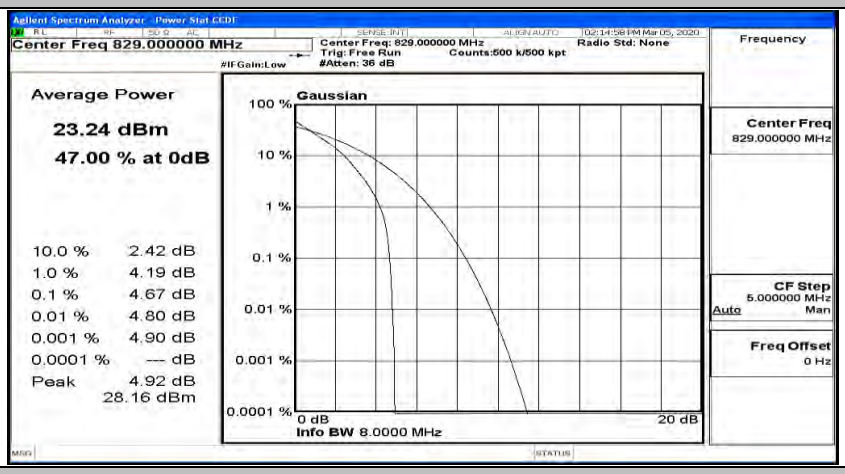
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49



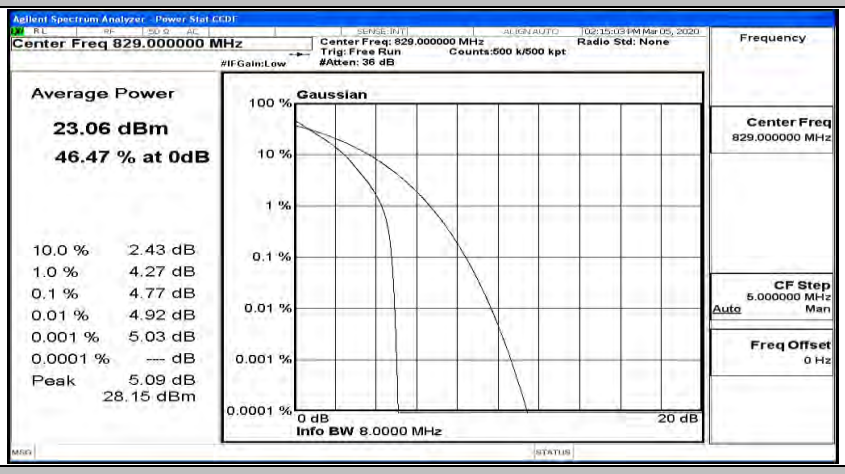
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0



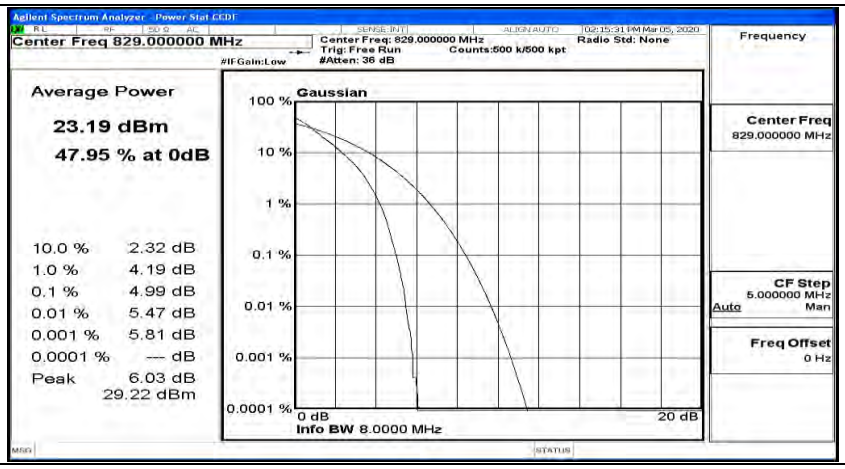
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



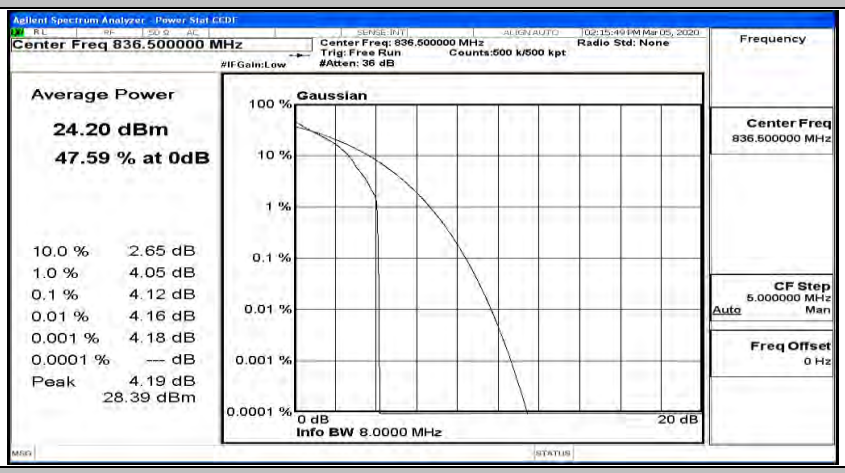
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25



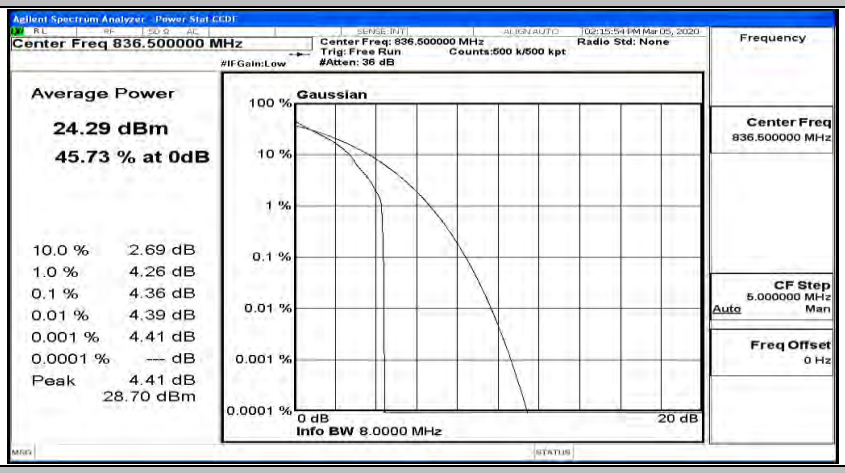
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



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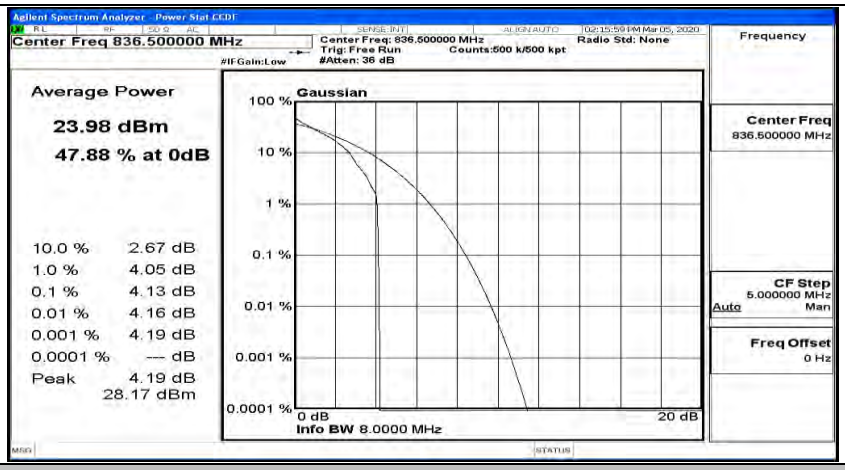
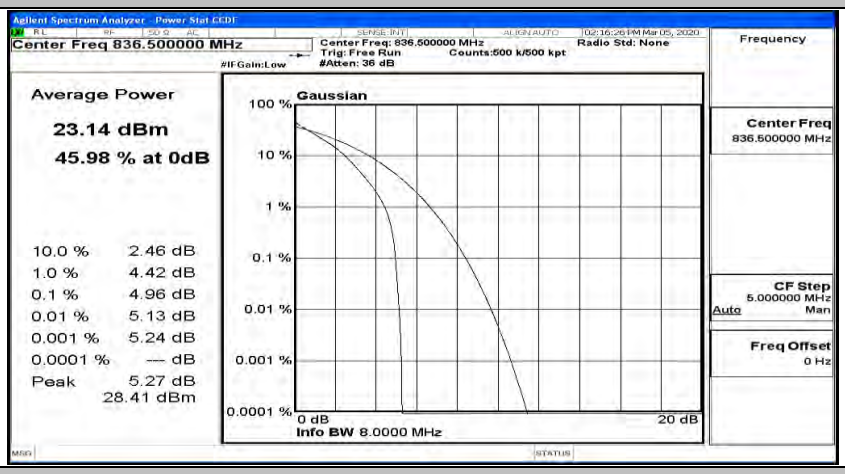
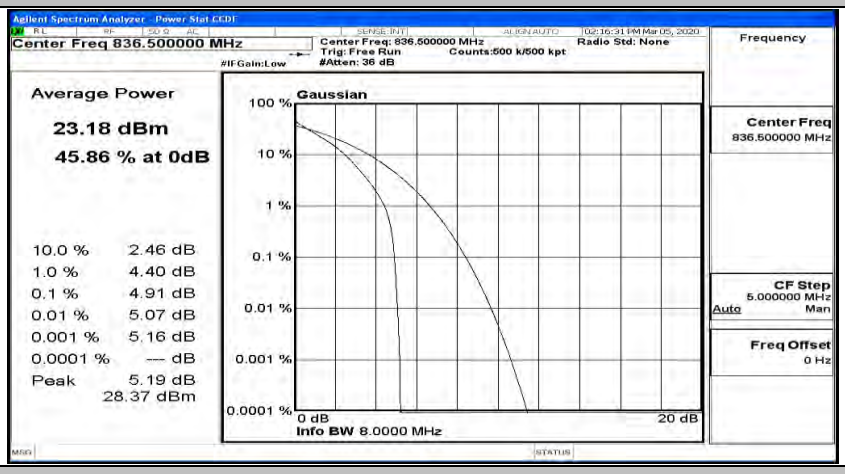


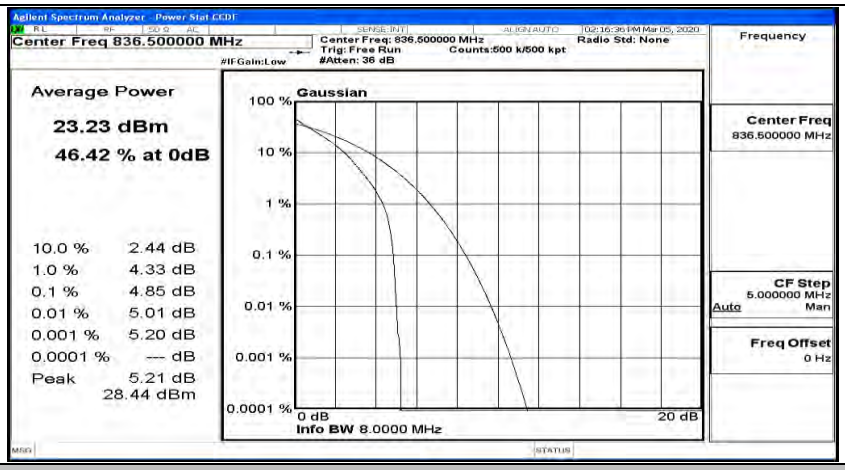
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



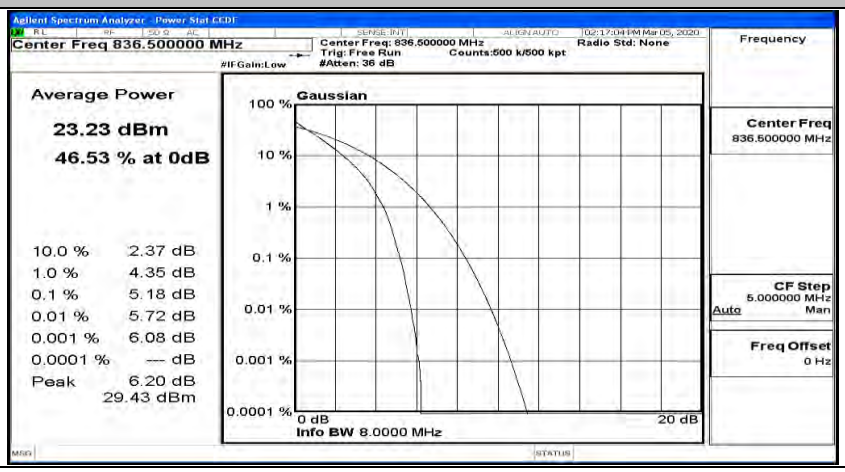
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



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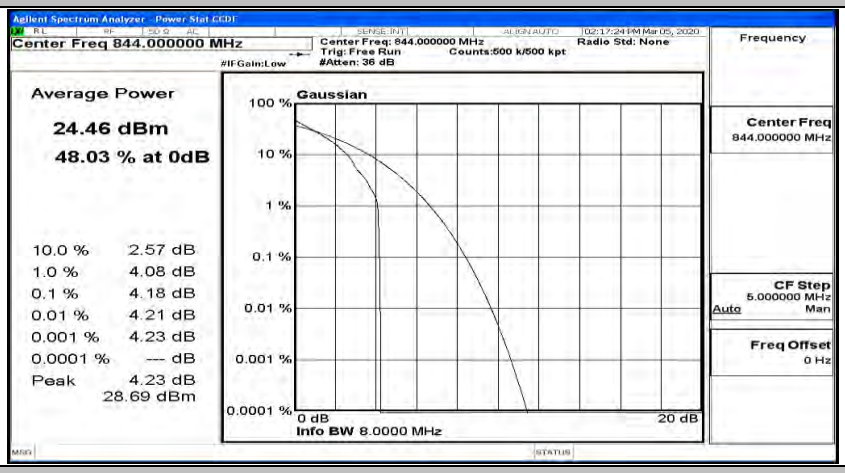
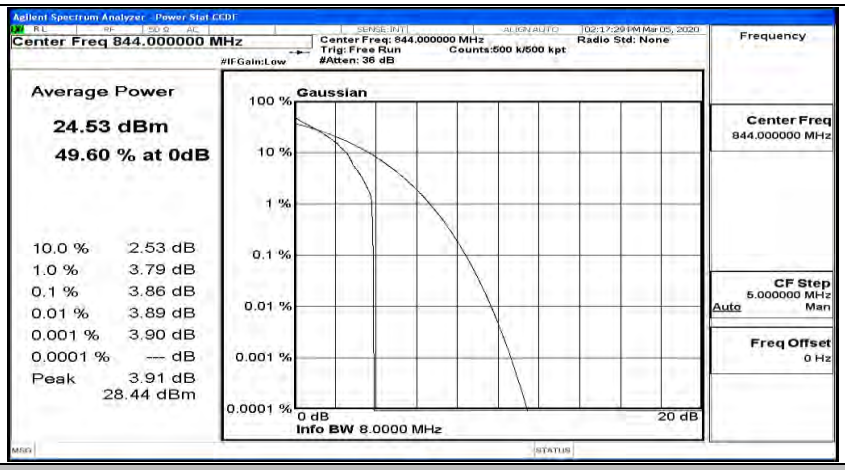


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



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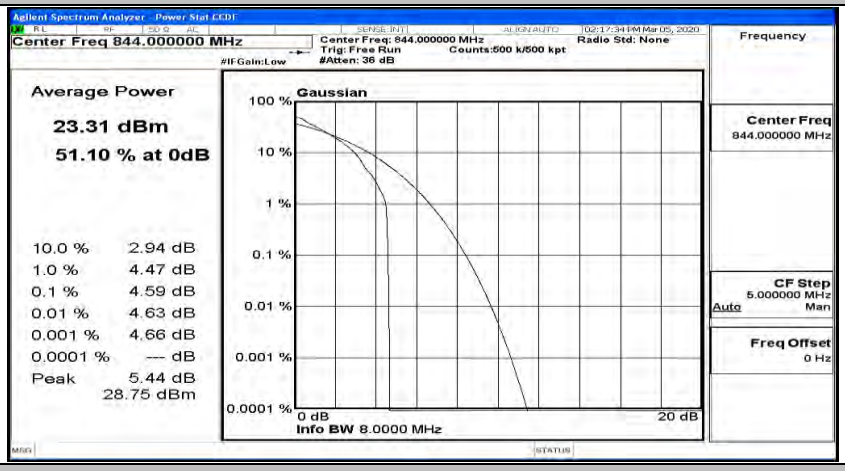

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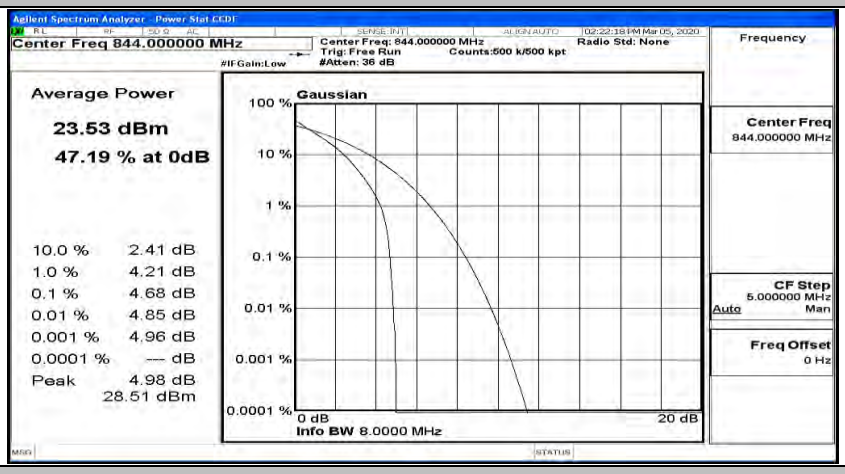

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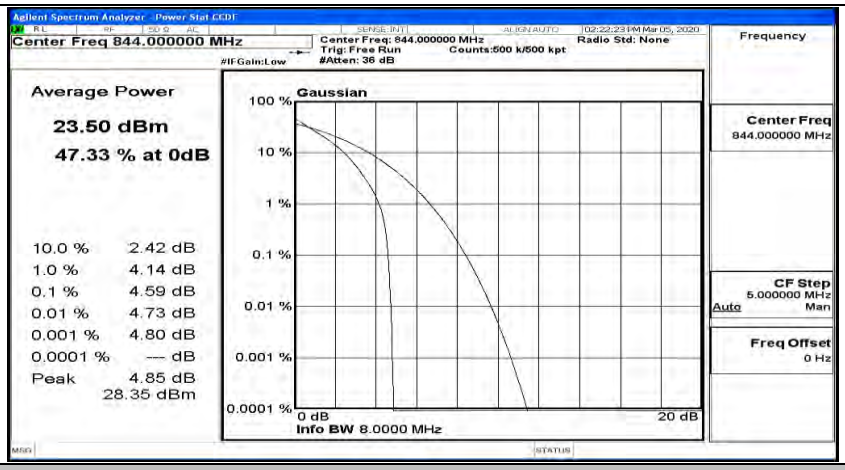

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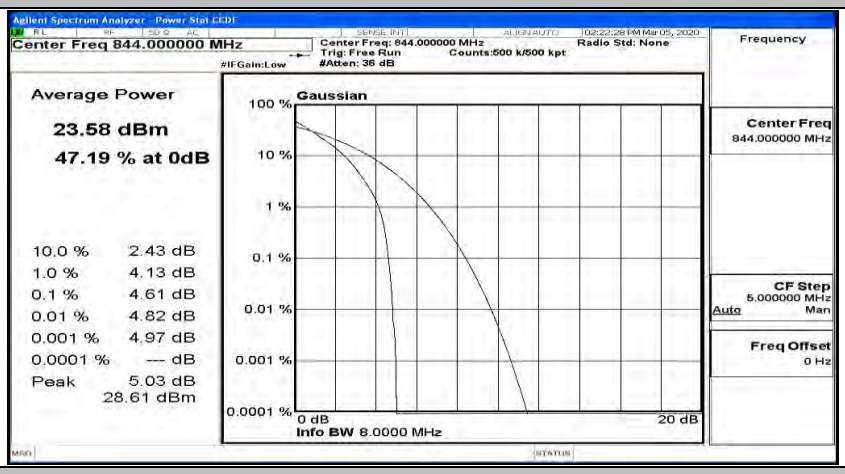
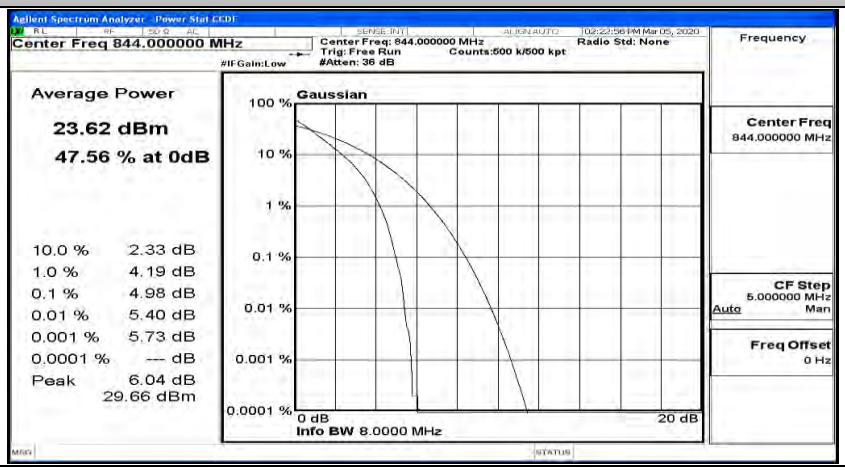
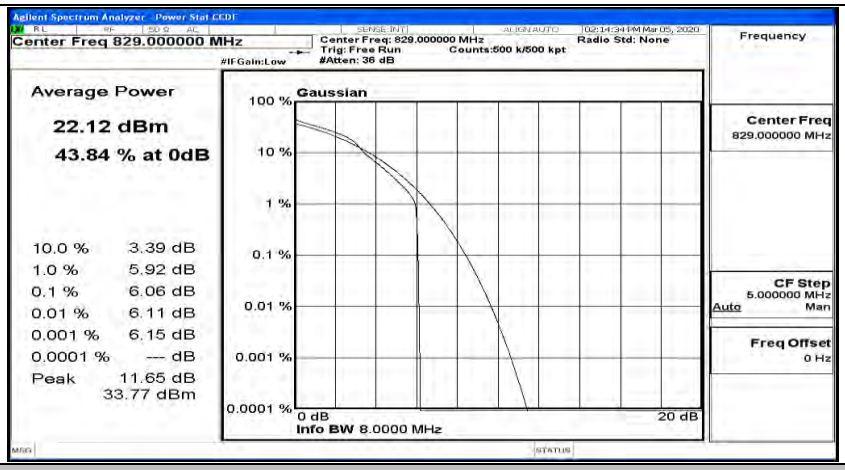


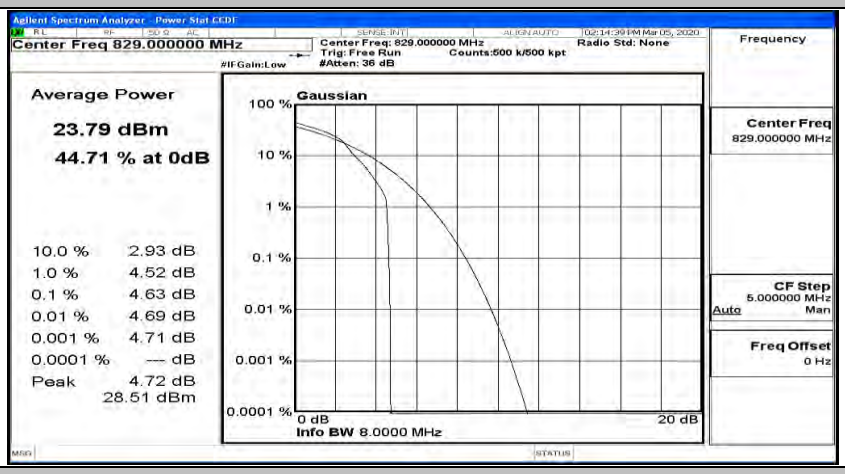
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



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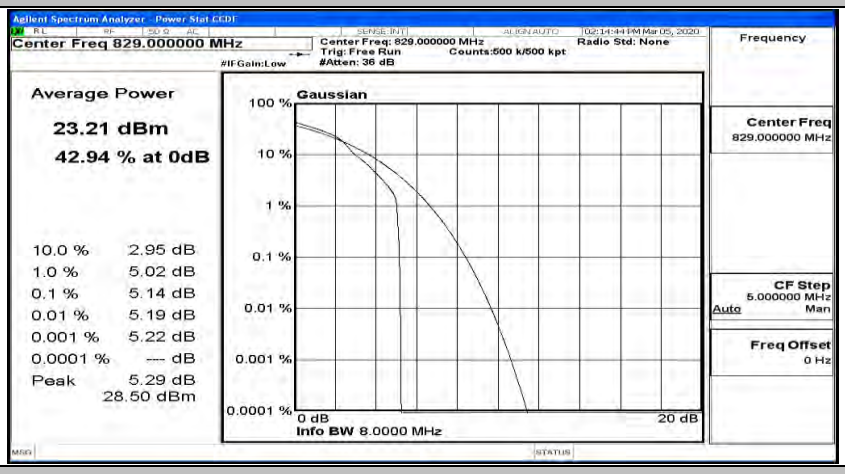

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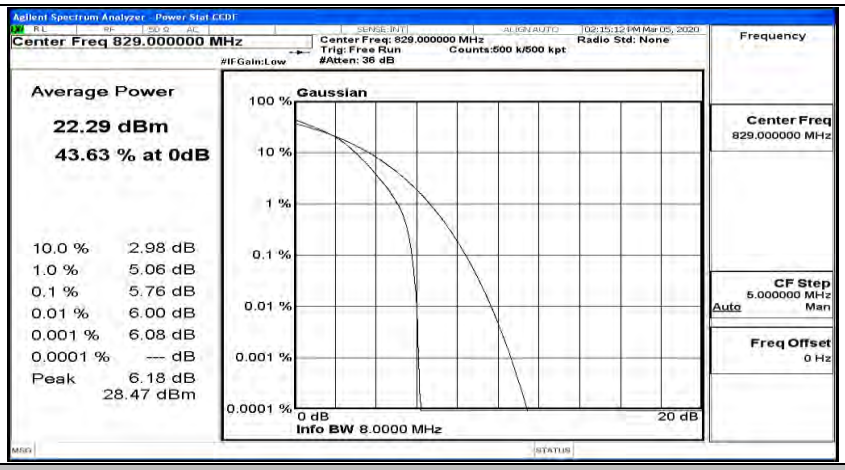
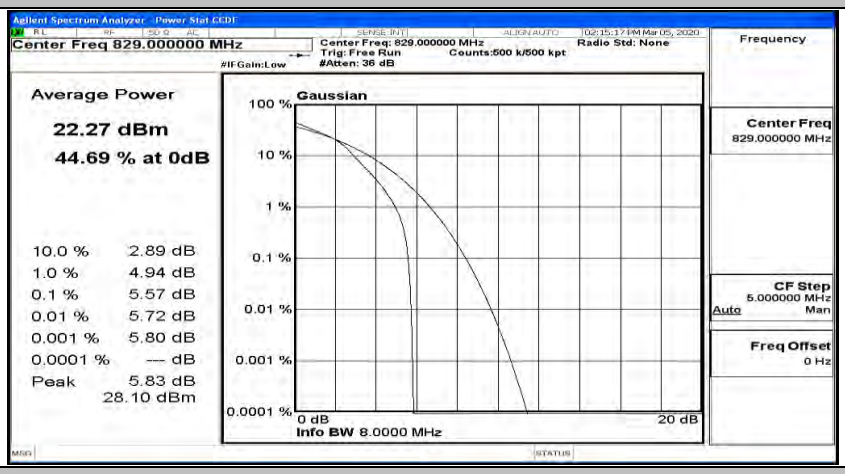


Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12



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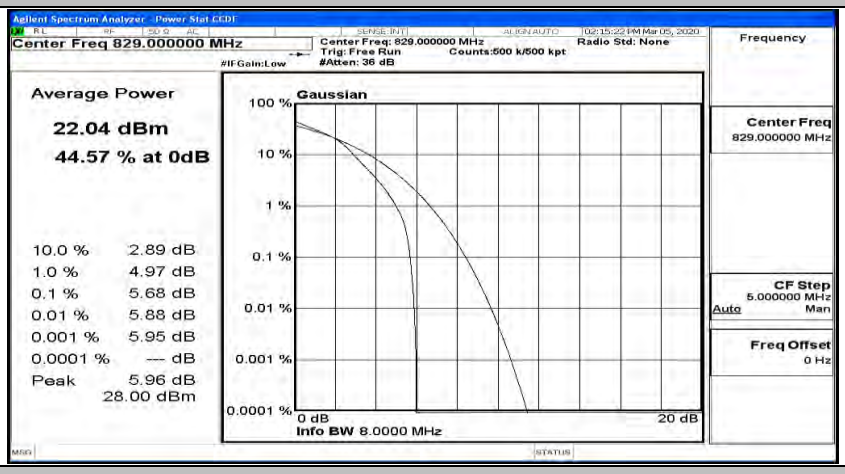
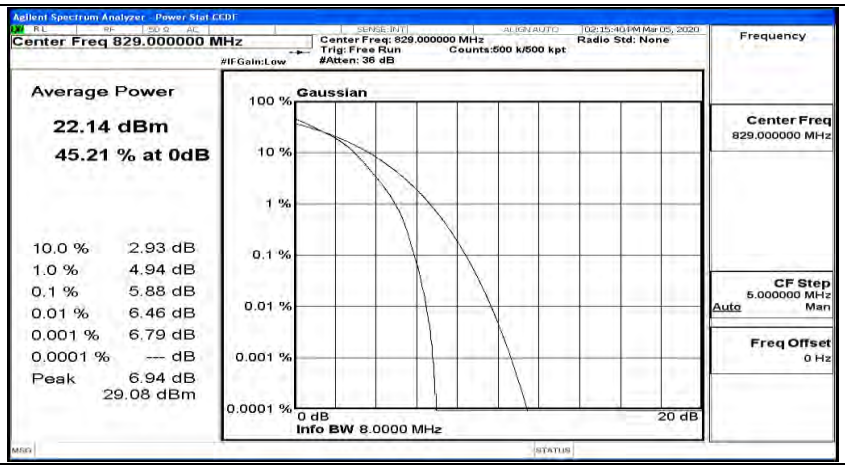


Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



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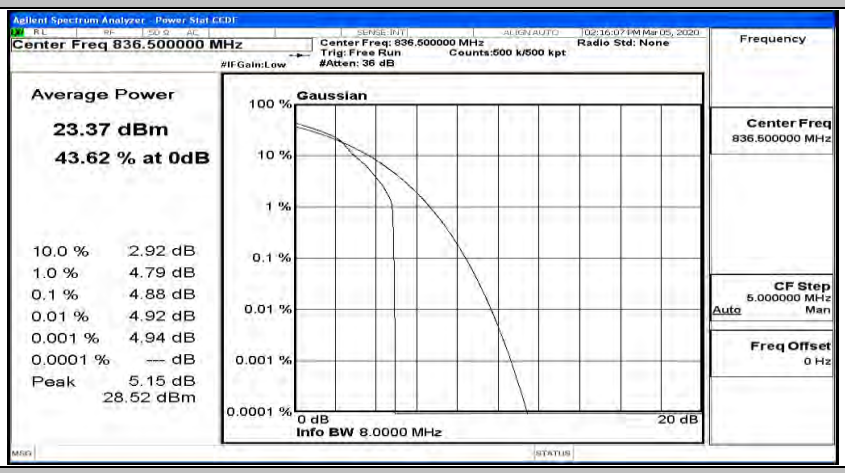

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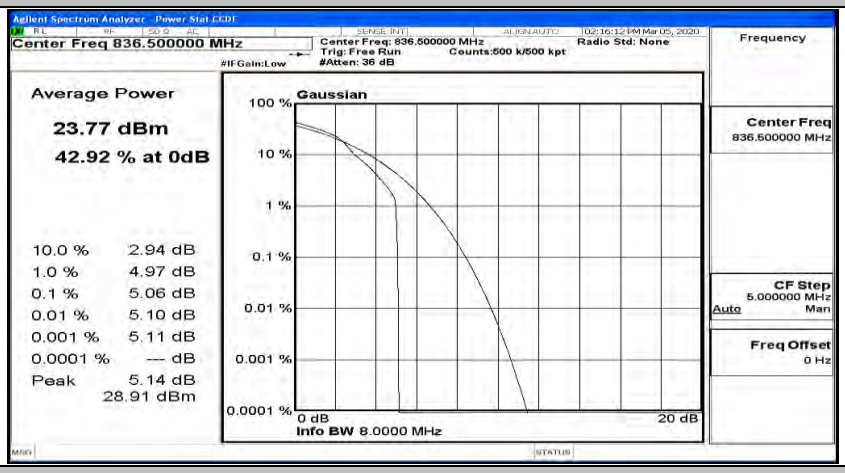
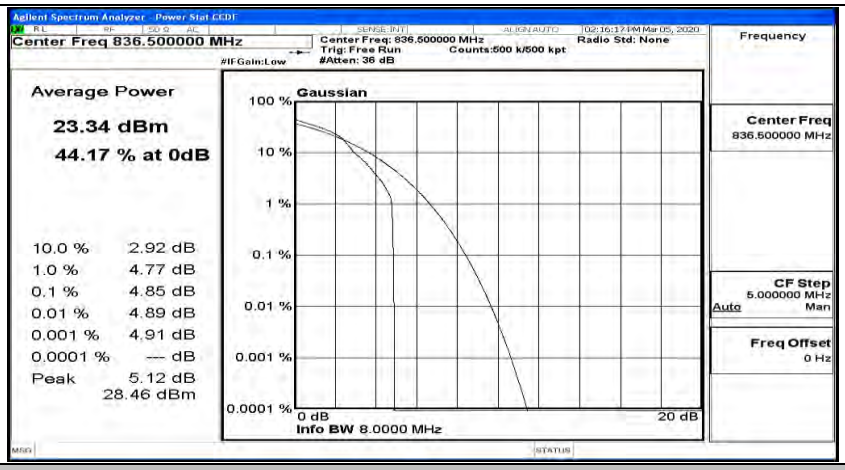


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



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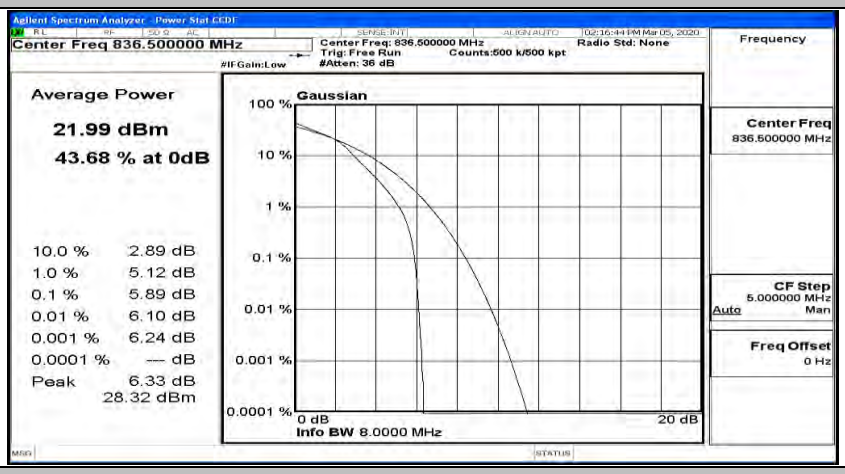
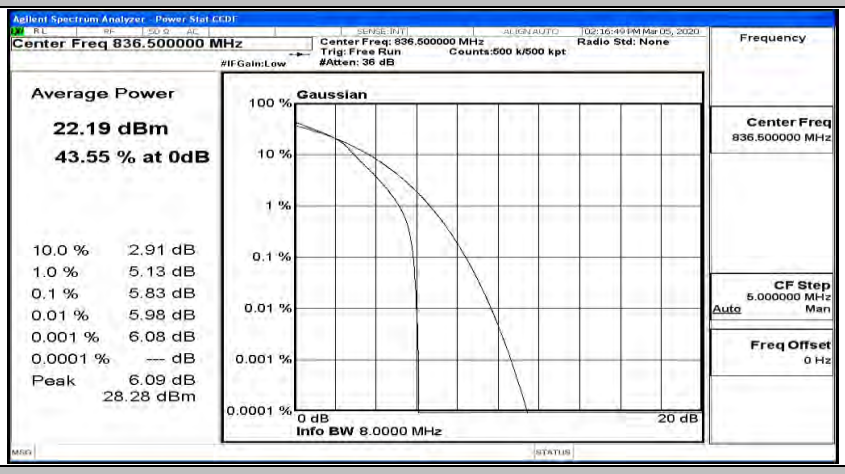


Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



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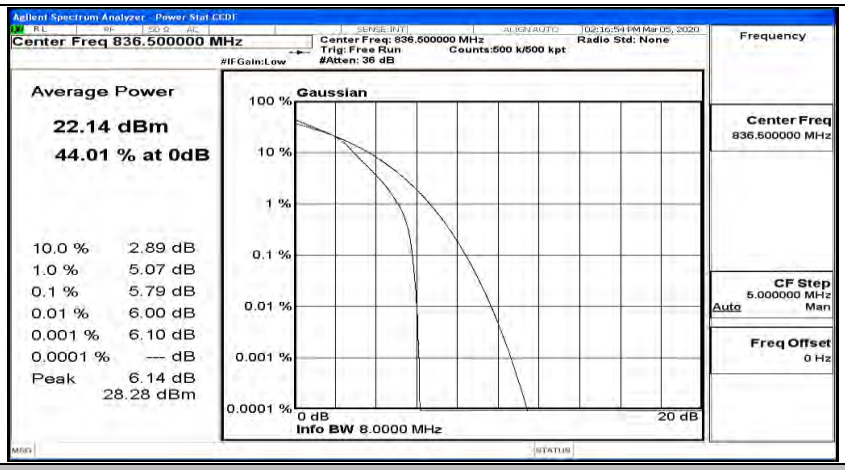
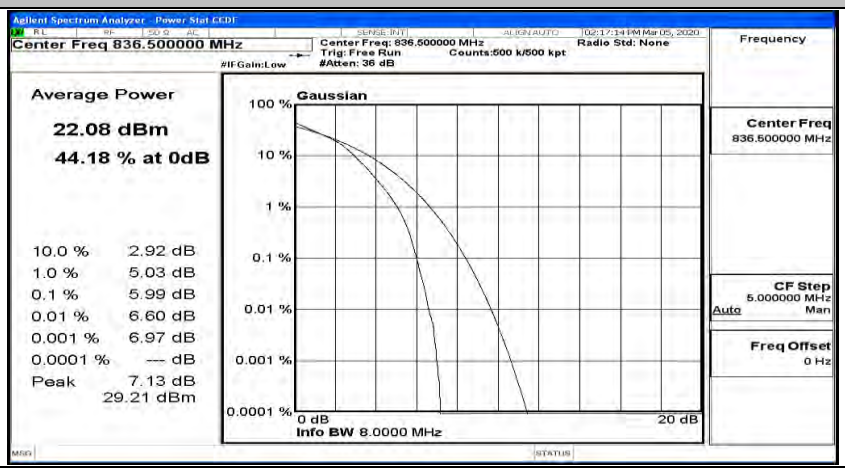
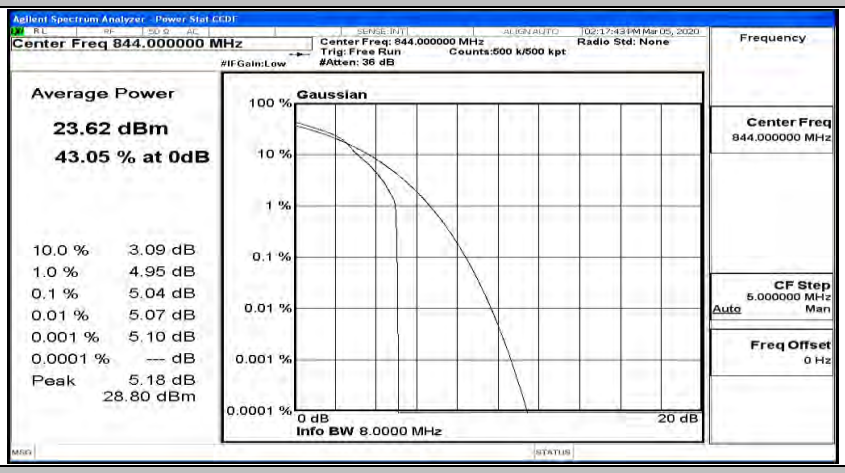


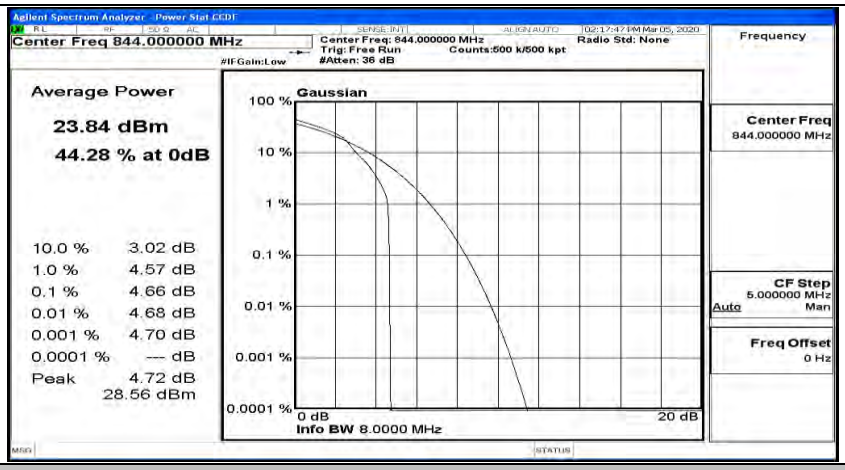
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



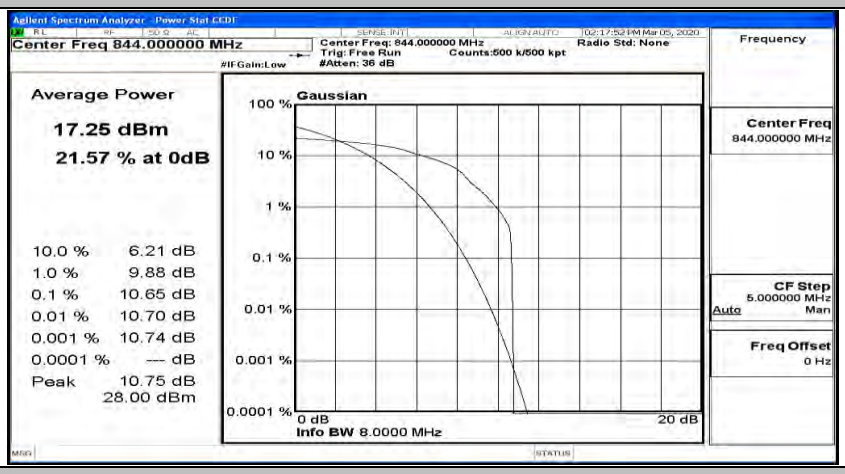
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



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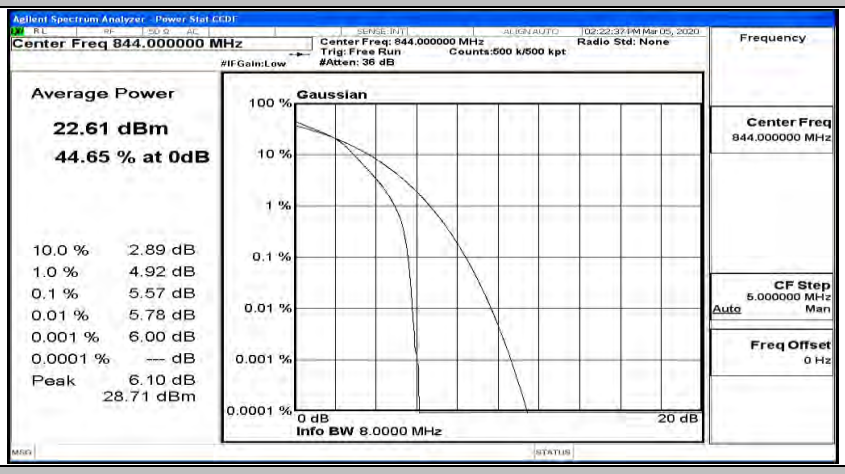
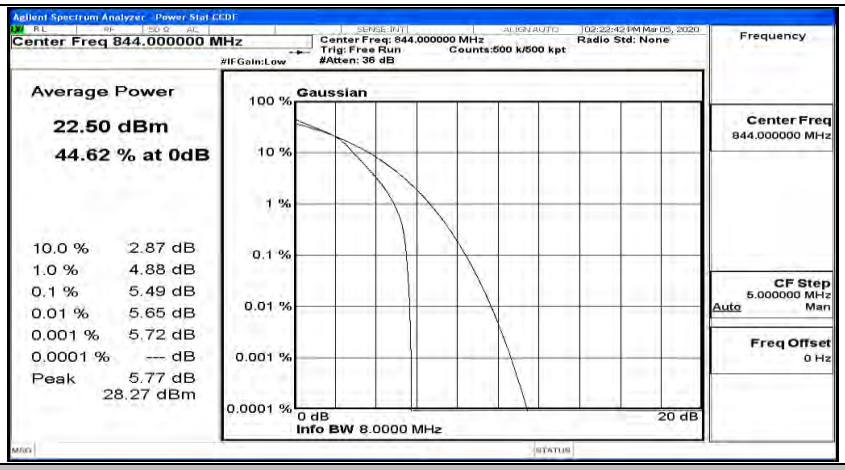
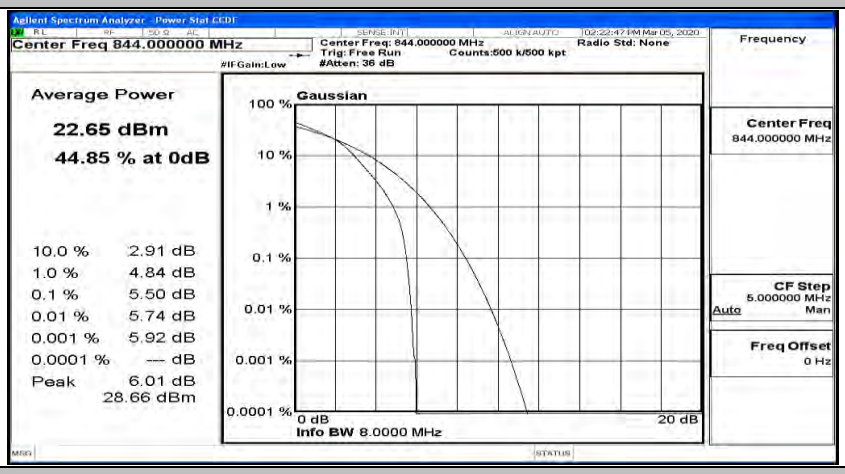


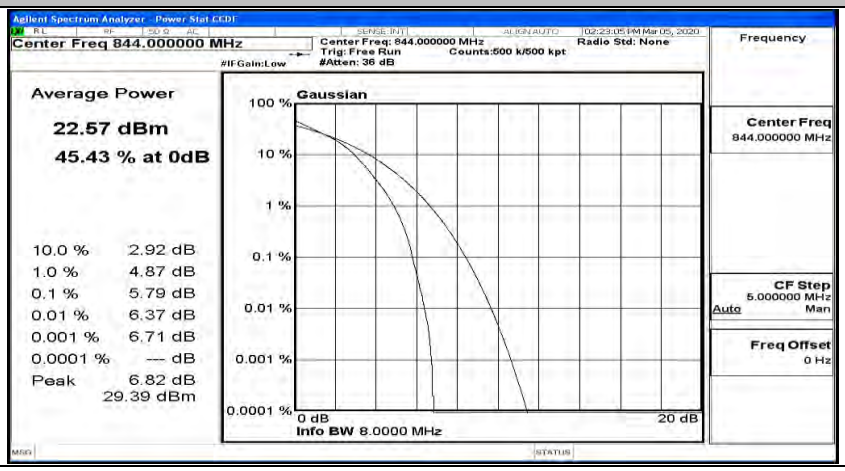
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0



D.3: 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.21125	0.3147	PASS
		1	3	0.24101	0.3401	PASS
		1	5	0.20955	0.3090	PASS
		3	0	0.55124	0.7150	PASS
		3	2	0.55653	0.7598	PASS
		3	3	0.54845	0.6871	PASS
		6	0	1.0781	1.245	PASS
	MCH	1	0	0.20989	0.3177	PASS
		1	3	0.24171	0.3729	PASS
		1	5	0.21314	0.3348	PASS
		3	0	0.54881	0.6966	PASS
		3	2	0.55390	0.7777	PASS
		3	3	0.55054	0.7063	PASS
		6	0	1.0746	1.233	PASS
	HCH	1	0	0.21129	0.3204	PASS
		1	3	0.23537	0.3860	PASS
		1	5	0.20950	0.3102	PASS
		3	0	0.54998	0.6902	PASS
		3	2	0.55592	0.7500	PASS
		3	3	0.55304	0.6922	PASS
		6	0	1.0782	1.238	PASS
16QAM	LCH	1	0	0.22140	0.3395	PASS
		1	3	0.25428	0.3889	PASS
		1	5	0.21982	0.3352	PASS
		3	0	0.55319	0.7213	PASS
		3	2	0.56198	0.7894	PASS
		3	3	0.55350	0.7180	PASS
		6	0	1.0812	1.239	PASS
	MCH	1	0	0.21019	0.3187	PASS
		1	3	0.24513	0.3753	PASS
		1	5	0.21709	0.3292	PASS

		3	0	0.55069	0.7052	PASS
		3	2	0.56617	0.7986	PASS
		3	3	0.55460	0.7183	PASS
		6	0	1.0809	1.237	PASS
	HCH	1	0	0.21677	0.3187	PASS
		1	3	0.26285	0.4545	PASS
		1	5	0.21433	0.3296	PASS
		3	0	0.55045	0.7267	PASS
		3	2	0.55265	0.7845	PASS
		3	3	0.54767	0.6985	PASS
		6	0	1.0757	1.231	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.24141	0.3613	PASS
		1	7	0.31343	0.5200	PASS
		1	14	0.22966	0.3440	PASS
		8	0	1.4437	1.660	PASS
		8	4	1.4486	1.767	PASS
		8	7	1.4454	1.671	PASS
		15	0	2.6843	2.886	PASS
	MCH	1	0	0.23751	0.3531	PASS
		1	7	0.30973	0.4971	PASS
		1	14	0.23546	0.3486	PASS
		8	0	1.4471	1.681	PASS
		8	4	1.4538	1.798	PASS
		8	7	1.4427	1.648	PASS
		15	0	2.6823	2.900	PASS
	HCH	1	0	0.23636	0.3698	PASS
		1	7	0.29191	0.4910	PASS
		1	14	0.23518	0.3461	PASS
		8	0	1.4442	1.645	PASS
		8	4	1.4533	1.814	PASS
		8	7	1.4443	1.641	PASS
		15	0	2.6788	2.896	PASS
16QAM	LCH	1	0	0.24106	0.3688	PASS

		1	7	0.31486	0.5109	PASS
		1	14	0.23574	0.3538	PASS
		8	0	1.4482	1.684	PASS
		8	4	1.4469	1.804	PASS
		8	7	1.4476	1.646	PASS
		15	0	2.6875	2.903	PASS
	MCH	1	0	0.23444	0.3664	PASS
		1	7	0.31381	0.5055	PASS
		1	14	0.23673	0.3617	PASS
		8	0	1.4434	1.672	PASS
		8	4	1.4503	1.805	PASS
		8	7	1.4446	1.688	PASS
		15	0	2.6795	2.903	PASS
	HCH	1	0	0.23349	0.3655	PASS
		1	7	0.31843	0.4731	PASS
		1	14	5.9475	6.000	PASS
		8	0	1.4448	1.685	PASS
		8	4	1.4543	1.785	PASS
		8	7	1.4448	1.668	PASS
		15	0	2.6824	2.887	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.28022	0.4437	PASS
		1	12	0.38336	0.6154	PASS
		1	24	0.28375	0.4514	PASS
		12	0	2.1723	2.480	PASS
		12	6	2.1752	2.607	PASS
		12	13	2.1742	2.463	PASS
		25	0	4.4758	4.790	PASS
	MCH	1	0	0.28774	0.4307	PASS
		1	12	0.36909	0.5709	PASS
		1	24	0.27810	0.4588	PASS
		12	0	2.1749	2.480	PASS
		12	6	2.1799	2.628	PASS
		12	13	2.1777	2.504	PASS
		25	0	4.4754	4.798	PASS

	HCH	1	0	0.28875	0.4636	PASS
		1	12	0.40736	0.6388	PASS
		1	24	0.28961	0.4665	PASS
		12	0	2.1751	2.512	PASS
		12	6	2.1810	2.733	PASS
		12	13	2.1764	2.504	PASS
		25	0	4.4748	4.800	PASS
16QAM	LCH	1	0	0.28713	0.4378	PASS
		1	12	0.41114	0.6120	PASS
		1	24	0.29182	0.4362	PASS
		12	0	2.1745	2.543	PASS
		12	6	2.1711	2.713	PASS
		12	13	2.1693	2.553	PASS
		25	0	4.4662	4.803	PASS
	MCH	1	0	0.28331	0.4356	PASS
		1	12	0.40683	0.6324	PASS
		1	24	0.29046	0.4406	PASS
		12	0	2.1776	2.519	PASS
		12	6	2.1774	2.676	PASS
		12	13	2.1703	2.521	PASS
		25	0	4.4738	4.794	PASS
	HCH	1	0	0.29778	0.4615	PASS
		1	12	0.42669	0.6599	PASS
		1	24	0.30191	0.4854	PASS
		12	0	2.1757	2.528	PASS
		12	6	2.1734	2.661	PASS
		12	13	2.1728	2.487	PASS
		25	0	4.4728	4.789	PASS

Channel Bandwidth: 10 MHz

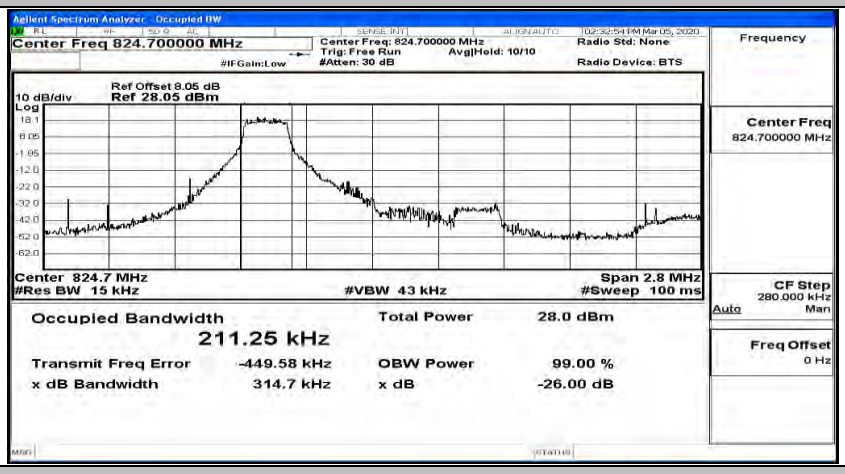
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	1	0	0.38568	0.5804	PASS
		1	25	0.46116	0.7058	PASS
		1	49	0.37208	0.5423	PASS
		25	0	4.5093	4.890	PASS
		25	12	4.5002	4.967	PASS
		25	25	4.5154	4.915	PASS
		50	0	8.9027	9.434	PASS
	MCH	1	0	0.39380	0.5748	PASS

		1	25	0.47328	0.7477	PASS
		1	49	0.38660	0.5808	PASS
		25	0	4.5249	4.937	PASS
		25	12	4.5234	5.069	PASS
		25	25	4.5118	4.938	PASS
		50	0	8.9333	9.519	PASS
	HCH	1	0	0.39308	0.5696	PASS
		1	25	0.46170	0.7067	PASS
		1	49	0.38546	0.5820	PASS
		25	0	4.5182	4.930	PASS
		25	12	4.5197	5.074	PASS
		25	25	4.5131	5.007	PASS
		50	0	8.9313	9.421	PASS
16QAM	LCH	1	0	0.38295	0.5919	PASS
		1	25	0.45455	0.6723	PASS
		1	49	0.38460	0.5550	PASS
		25	0	4.5012	4.906	PASS
		25	12	4.4986	5.018	PASS
		25	25	4.4980	4.903	PASS
		50	0	8.9005	9.382	PASS
	MCH	1	0	0.38541	0.5502	PASS
		1	25	0.44595	0.6884	PASS
		1	49	0.38873	0.5725	PASS
		25	0	4.5048	4.900	PASS
		25	12	4.5160	5.099	PASS
		25	25	4.5155	4.946	PASS
		50	0	8.9275	9.415	PASS
	HCH	1	0	0.37958	0.5842	PASS
		1	25	0.45634	0.6798	PASS
		1	49	0.38500	0.5646	PASS
		25	0	4.5004	4.933	PASS
		25	12	4.5033	5.053	PASS
		25	25	4.5101	4.950	PASS
		50	0	8.9216	9.410	PASS

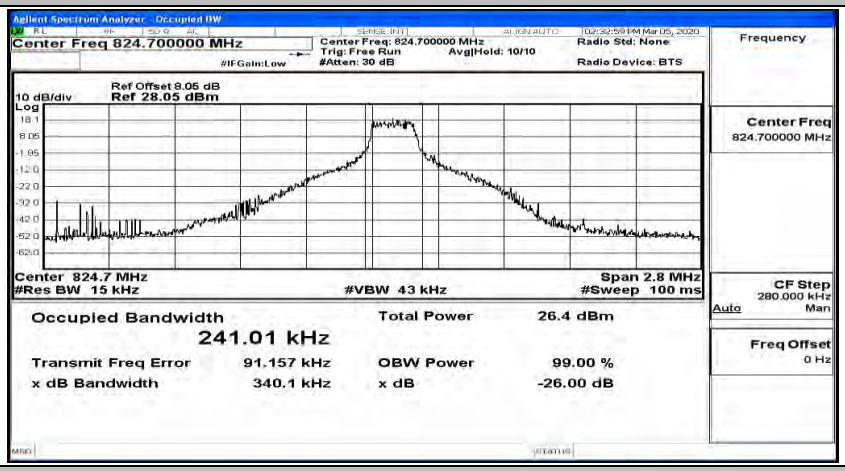
Test Graphs

Channel Bandwidth: 1.4 MHz

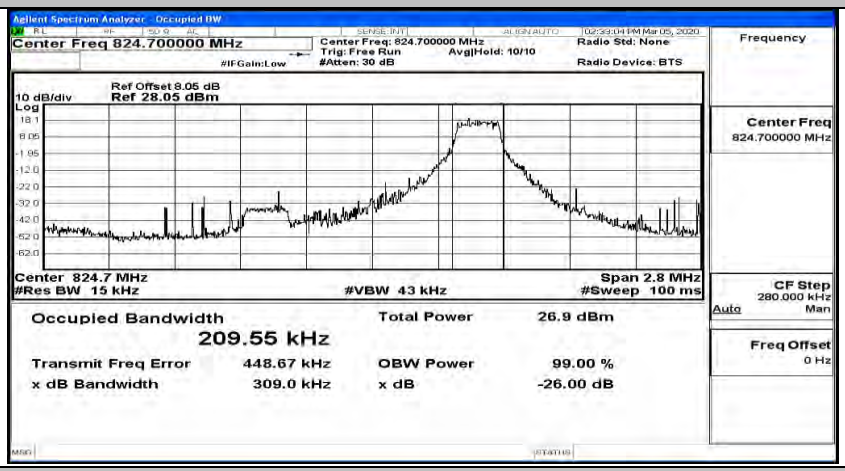
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



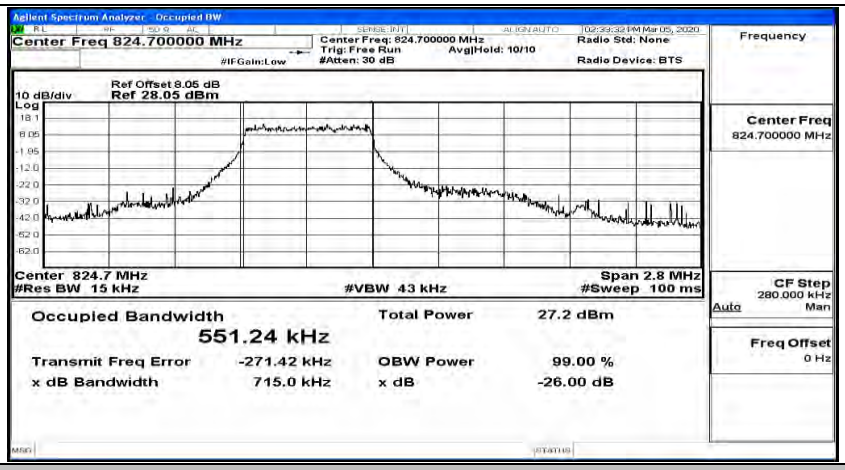
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3



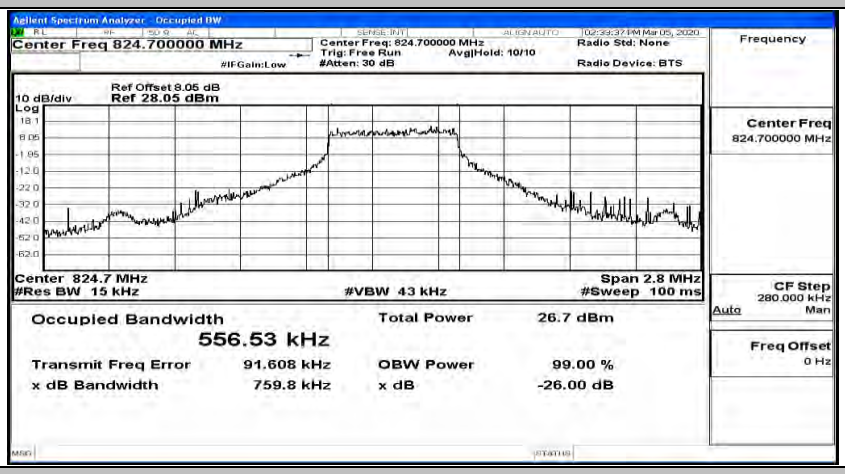
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



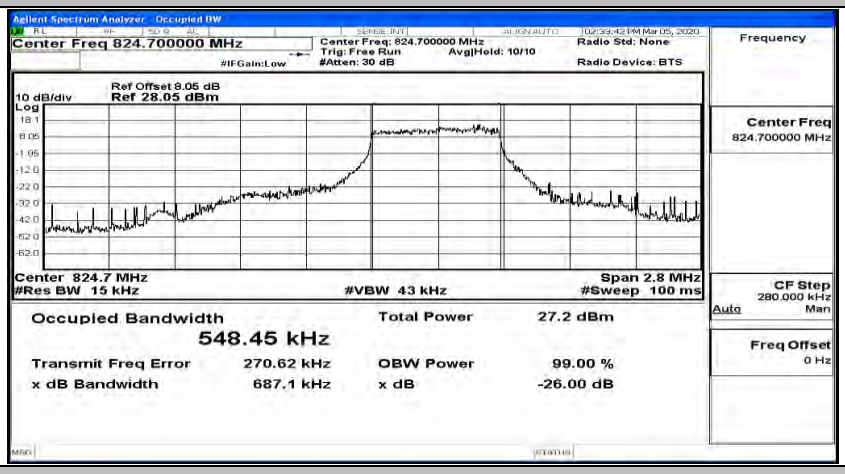
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0



(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