

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.42	18.25	PASS
		1	3	23.38	18.21	PASS
		1	5	23.41	18.24	PASS
		3	0	23.46	18.29	PASS
		3	2	23.56	18.39	PASS
		3	3	23.54	18.37	PASS
		6	0	22.51	17.34	PASS
	MCH	1	0	23.54	18.37	PASS
		1	3	23.66	18.49	PASS
		1	5	23.54	18.37	PASS
		3	0	23.61	18.44	PASS
		3	2	23.57	18.40	PASS
		3	3	23.62	18.45	PASS
		6	0	22.59	17.42	PASS
	HCH	1	0	23.57	18.40	PASS
		1	3	23.78	18.61	PASS
		1	5	22.38	17.21	PASS
		3	0	23.58	18.41	PASS
		3	2	23.60	18.43	PASS
		3	3	23.39	18.22	PASS
		6	0	22.65	17.48	PASS
16QAM	LCH	1	0	22.42	17.25	PASS
		1	3	22.52	17.35	PASS
		1	5	22.28	17.11	PASS
		3	0	22.43	17.26	PASS
		3	2	22.44	17.27	PASS
		3	3	22.42	17.25	PASS
		6	0	21.60	16.43	PASS
	MCH	1	0	22.56	17.39	PASS
		1	3	22.72	17.55	PASS
		1	5	22.57	17.40	PASS
		3	0	22.47	17.30	PASS
		3	2	22.47	17.30	PASS

		3	3	22.45	17.28	PASS
		6	0	21.52	16.35	PASS
	HCH	1	0	22.42	17.25	PASS
		1	3	22.67	17.50	PASS
		1	5	22.41	17.24	PASS
		3	0	22.38	17.21	PASS
		3	2	22.38	17.21	PASS
		3	3	22.31	17.14	PASS
		6	0	21.64	16.47	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.40	18.23	PASS
		1	7	23.46	18.29	PASS
		1	14	23.49	18.32	PASS
		8	0	22.41	17.24	PASS
		8	4	22.42	17.25	PASS
		8	7	22.45	17.28	PASS
		15	0	22.37	17.20	PASS
		1	0	23.53	18.36	PASS
	MCH	1	7	23.49	18.32	PASS
		1	14	23.47	18.30	PASS
		8	0	22.50	17.33	PASS
		8	4	22.51	17.34	PASS
		8	7	22.51	17.34	PASS
		15	0	22.48	17.31	PASS
		1	0	23.55	18.38	PASS
		1	7	23.54	18.37	PASS
	HCH	1	14	23.31	18.14	PASS
		8	0	22.59	17.42	PASS
		8	4	22.57	17.40	PASS
		8	7	22.55	17.38	PASS
		15	0	22.53	17.36	PASS
16QAM	LCH	1	0	22.60	17.43	PASS
		1	7	22.59	17.42	PASS
		1	14	22.60	17.43	PASS
		8	0	21.54	16.37	PASS
		8	4	21.52	16.35	PASS
		8	7	21.54	16.37	PASS

	MCH	15	0	21.42	16.25	PASS
		1	0	22.57	17.40	PASS
		1	7	22.51	17.34	PASS
		1	14	22.58	17.41	PASS
		8	0	21.54	16.37	PASS
		8	4	21.54	16.37	PASS
		8	7	21.54	16.37	PASS
		15	0	21.51	16.34	PASS
	HCH	1	0	22.41	17.24	PASS
		1	7	22.44	17.27	PASS
		1	14	22.43	17.26	PASS
		8	0	21.60	16.43	PASS
		8	4	21.65	16.48	PASS
		8	7	21.57	16.40	PASS
		15	0	21.50	16.33	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.42	18.25	PASS
		1	12	23.57	18.40	PASS
		1	24	23.48	18.31	PASS
		12	0	22.38	17.21	PASS
		12	6	22.41	17.24	PASS
		12	13	22.41	17.24	PASS
		25	0	22.44	17.27	PASS
	MCH	1	0	23.47	18.30	PASS
		1	12	23.54	18.37	PASS
		1	24	23.46	18.29	PASS
		12	0	22.45	17.28	PASS
		12	6	22.47	17.30	PASS
		12	13	22.44	17.27	PASS
		25	0	22.49	17.32	PASS
	HCH	1	0	23.55	18.38	PASS
		1	12	23.65	18.48	PASS
		1	24	23.59	18.42	PASS
		12	0	22.48	17.31	PASS
		12	6	22.53	17.36	PASS
		12	13	22.38	17.21	PASS
		25	0	22.51	17.34	PASS

16QAM	LCH	1	0	22.39	17.22	PASS
		1	12	22.54	17.37	PASS
		1	24	22.40	17.23	PASS
		12	0	21.49	16.32	PASS
		12	6	21.49	16.32	PASS
		12	13	21.51	16.34	PASS
		25	0	21.54	16.37	PASS
	MCH	1	0	22.57	17.40	PASS
		1	12	22.66	17.49	PASS
		1	24	22.59	17.42	PASS
		12	0	21.52	16.35	PASS
		12	6	21.55	16.38	PASS
		12	13	21.57	16.40	PASS
		25	0	21.53	16.36	PASS
	HCH	1	0	22.45	17.28	PASS
		1	12	22.58	17.41	PASS
		1	24	22.45	17.28	PASS
		12	0	21.58	16.41	PASS
		12	6	21.57	16.40	PASS
		12	13	21.49	16.32	PASS
		25	0	21.55	16.38	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.40	18.23	PASS
		1	24	23.55	18.38	PASS
		1	49	23.38	18.21	PASS
		25	0	22.53	17.36	PASS
		25	12	22.50	17.33	PASS
		25	25	22.56	17.39	PASS
		50	0	22.53	17.36	PASS
	MCH	1	0	23.51	18.34	PASS
		1	24	23.61	18.44	PASS
		1	49	23.45	18.28	PASS
		25	0	22.41	17.24	PASS
		25	12	22.41	17.24	PASS
		25	25	22.42	17.25	PASS
		50	0	22.45	17.28	PASS
	HCH	1	0	23.58	18.41	PASS

		1	24	23.66	18.49	PASS
		1	49	23.58	18.41	PASS
		25	0	22.58	17.41	PASS
		25	12	22.60	17.43	PASS
		25	25	22.41	17.24	PASS
		50	0	22.48	17.31	PASS
16QAM	LCH	1	0	22.54	17.37	PASS
		1	24	22.71	17.54	PASS
		1	49	22.52	17.35	PASS
		25	0	21.61	16.44	PASS
		25	12	21.59	16.42	PASS
		25	25	21.61	16.44	PASS
		50	0	21.58	16.41	PASS
	MCH	1	0	22.59	17.42	PASS
		1	24	22.66	17.49	PASS
		1	49	22.53	17.36	PASS
		25	0	21.44	16.27	PASS
		25	12	21.47	16.30	PASS
		25	25	21.53	16.36	PASS
		50	0	21.48	16.31	PASS
	HCH	1	0	22.41	17.24	PASS
		1	24	22.51	17.34	PASS
		1	49	22.45	17.28	PASS
		25	0	21.68	16.51	PASS
		25	12	21.72	16.55	PASS
		25	25	21.50	16.33	PASS
		50	0	21.56	16.39	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	4.73	<13	PASS
		1	3	4.70	<13	PASS
		1	5	4.91	<13	PASS
		3	0	4.83	<13	PASS
		3	2	4.78	<13	PASS
		3	3	4.90	<13	PASS
		6	0	5.30	<13	PASS
	MCH	1	0	3.97	<13	PASS
		1	3	3.93	<13	PASS
		1	5	4.05	<13	PASS
		3	0	4.30	<13	PASS
		3	2	4.24	<13	PASS
		3	3	4.28	<13	PASS
		6	0	4.81	<13	PASS
	HCH	1	0	3.74	<13	PASS
		1	3	3.04	<13	PASS
		1	5	2.23	<13	PASS
		3	0	3.71	<13	PASS
		3	2	3.75	<13	PASS
		3	3	2.98	<13	PASS
		6	0	4.28	<13	PASS
16QAM	LCH	1	0	5.54	<13	PASS
		1	3	5.58	<13	PASS
		1	5	5.61	<13	PASS
		3	0	5.61	<13	PASS
		3	2	5.64	<13	PASS
		3	3	5.67	<13	PASS
		6	0	6.00	<13	PASS
	MCH	1	0	4.88	<13	PASS
		1	3	4.72	<13	PASS
		1	5	4.84	<13	PASS
		3	0	5.03	<13	PASS

		3	2	5.05	<13	PASS
		3	3	5.06	<13	PASS
		6	0	5.66	<13	PASS
	HCH	1	0	4.73	<13	PASS
		1	3	4.36	<13	PASS
		1	5	4.08	<13	PASS
		3	0	4.75	<13	PASS
		3	2	4.78	<13	PASS
		3	3	4.35	<13	PASS
		6	0	5.26	<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	4.60	<13	PASS
		1	7	4.75	<13	PASS
		1	14	4.57	<13	PASS
		8	0	5.34	<13	PASS
		8	4	5.35	<13	PASS
		8	7	5.35	<13	PASS
		15	0	5.26	<13	PASS
	MCH	1	0	3.93	<13	PASS
		1	7	3.96	<13	PASS
		1	14	3.95	<13	PASS
		8	0	4.79	<13	PASS
		8	4	4.84	<13	PASS
		8	7	4.88	<13	PASS
		15	0	4.79	<13	PASS
	HCH	1	0	3.87	<13	PASS
		1	7	3.69	<13	PASS
		1	14	2.30	<13	PASS
		8	0	4.73	<13	PASS
		8	4	4.71	<13	PASS
		8	7	4.54	<13	PASS
		15	0	4.61	<13	PASS
16QAM	LCH	1	0	5.50	<13	PASS
		1	7	5.68	<13	PASS
		1	14	5.50	<13	PASS
		8	0	6.22	<13	PASS
		8	4	6.25	<13	PASS

		8	7	6.13	<13	PASS
		15	0	6.19	<13	PASS
	MCH	1	0	4.72	<13	PASS
		1	7	4.78	<13	PASS
		1	14	4.78	<13	PASS
		8	0	5.54	<13	PASS
		8	4	5.61	<13	PASS
		8	7	5.57	<13	PASS
		15	0	5.66	<13	PASS
		1	0	4.85	<13	PASS
	HCH	1	7	4.71	<13	PASS
		1	14	3.96	<13	PASS
		8	0	5.55	<13	PASS
		8	4	5.59	<13	PASS
		8	7	5.38	<13	PASS
		15	0	5.55	<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	4.82	<13	PASS
		1	12	4.77	<13	PASS
		1	24	4.58	<13	PASS
		12	0	5.23	<13	PASS
		12	6	5.23	<13	PASS
		12	13	5.26	<13	PASS
		25	0	5.34	<13	PASS
	MCH	1	0	4.10	<13	PASS
		1	12	4.08	<13	PASS
		1	24	4.26	<13	PASS
		12	0	4.86	<13	PASS
		12	6	4.90	<13	PASS
		12	13	4.94	<13	PASS
		25	0	4.88	<13	PASS
	HCH	1	0	4.02	<13	PASS
		1	12	3.80	<13	PASS
		1	24	2.23	<13	PASS
		12	0	4.80	<13	PASS
		12	6	4.81	<13	PASS
		12	13	4.71	<13	PASS

		25	0	4.85	<13	PASS
16QAM	LCH	1	0	5.57	<13	PASS
		1	12	5.45	<13	PASS
		1	24	5.41	<13	PASS
		12	0	6.11	<13	PASS
		12	6	6.04	<13	PASS
		12	13	6.07	<13	PASS
		25	0	6.04	<13	PASS
	MCH	1	0	4.75	<13	PASS
		1	12	4.80	<13	PASS
		1	24	5.07	<13	PASS
		12	0	5.62	<13	PASS
		12	6	5.63	<13	PASS
		12	13	5.67	<13	PASS
		25	0	5.65	<13	PASS
	HCH	1	0	4.74	<13	PASS
		1	12	4.52	<13	PASS
		1	24	3.85	<13	PASS
		12	0	5.64	<13	PASS
		12	6	5.67	<13	PASS
		12	13	5.54	<13	PASS
		25	0	5.72	<13	PASS

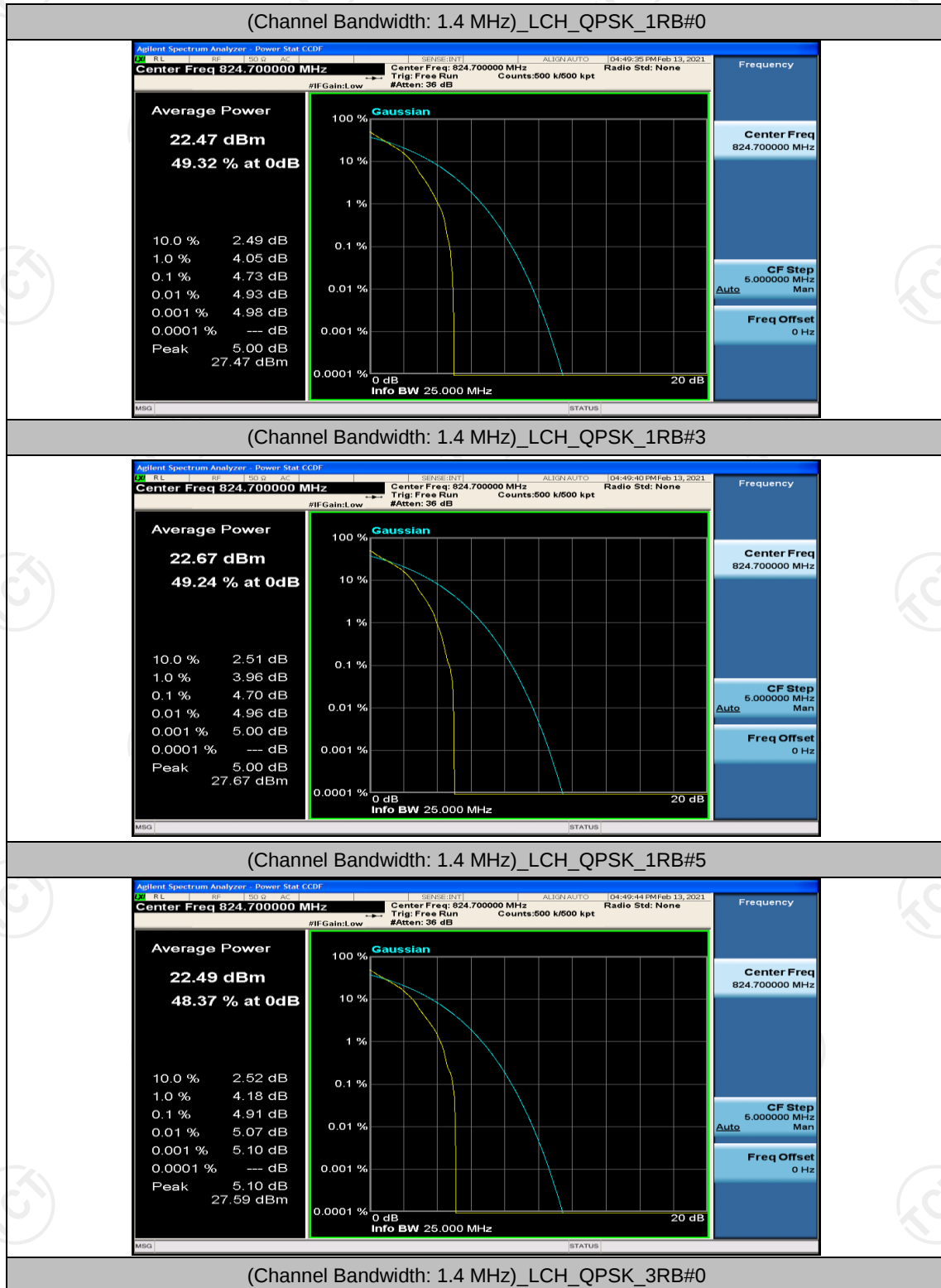
Channel Bandwidth: 10 MHz

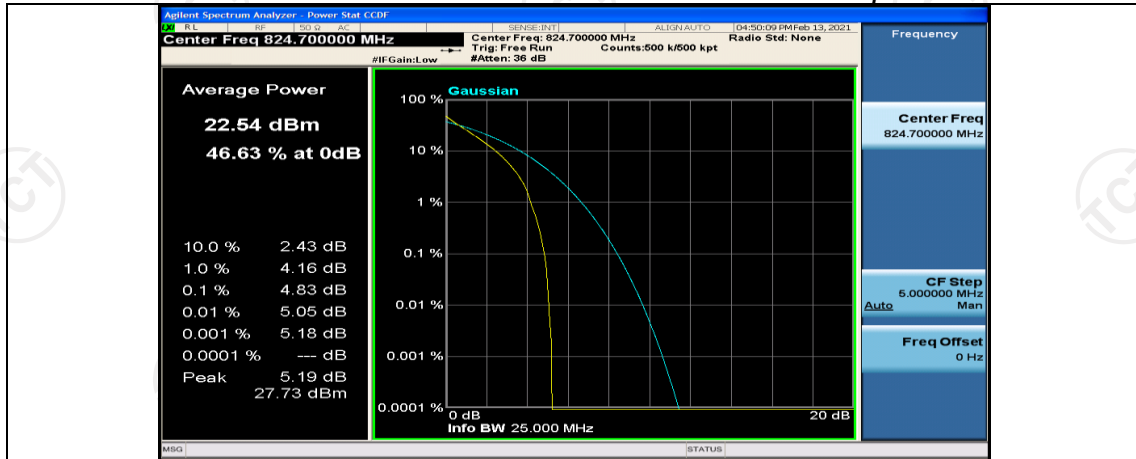
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.74	<13	PASS
		1	24	4.28	<13	PASS
		1	49	4.10	<13	PASS
		25	0	5.26	<13	PASS
		25	12	5.27	<13	PASS
		25	25	4.95	<13	PASS
		50	0	5.11	<13	PASS
	MCH	1	0	4.01	<13	PASS
		1	24	3.87	<13	PASS
		1	49	4.11	<13	PASS
		25	0	4.89	<13	PASS
		25	12	4.94	<13	PASS
		25	25	4.93	<13	PASS
		50	0	4.90	<13	PASS

	HCH	1	0	4.17	<13	PASS
		1	24	3.92	<13	PASS
		1	49	2.74	<13	PASS
		25	0	4.91	<13	PASS
		25	12	4.91	<13	PASS
		25	25	4.84	<13	PASS
		50	0	5.01	<13	PASS
16QAM	LCH	1	0	5.44	<13	PASS
		1	24	5.37	<13	PASS
		1	49	4.97	<13	PASS
		25	0	6.09	<13	PASS
		25	12	6.13	<13	PASS
		25	25	5.82	<13	PASS
		50	0	5.92	<13	PASS
	MCH	1	0	4.87	<13	PASS
		1	24	4.72	<13	PASS
		1	49	4.96	<13	PASS
		25	0	5.71	<13	PASS
		25	12	5.73	<13	PASS
		25	25	5.84	<13	PASS
		50	0	5.73	<13	PASS
	HCH	1	0	5.31	<13	PASS
		1	24	4.94	<13	PASS
		1	49	4.36	<13	PASS
		25	0	5.80	<13	PASS
		25	12	5.81	<13	PASS
		25	25	5.68	<13	PASS
		50	0	5.86	<13	PASS

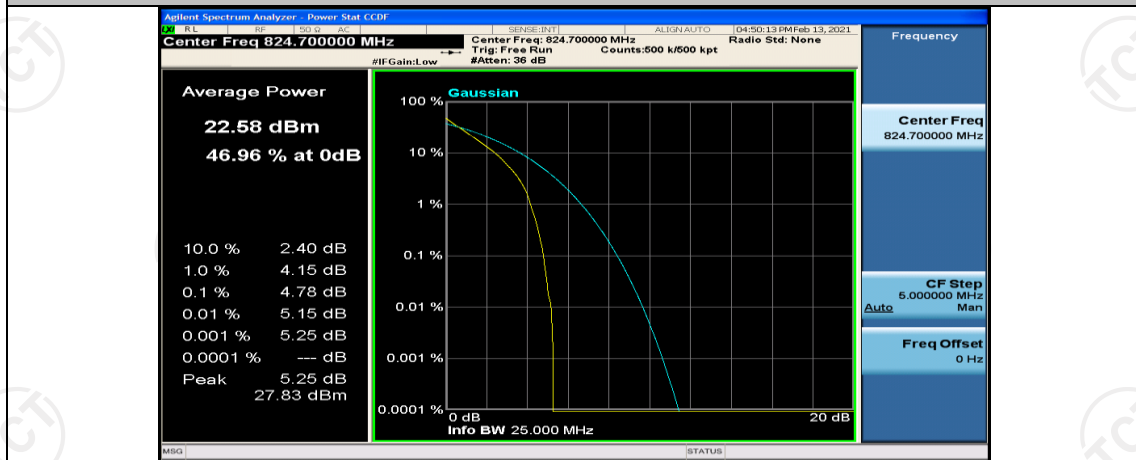
Test Graphs

Channel Bandwidth: 1.4 MHz

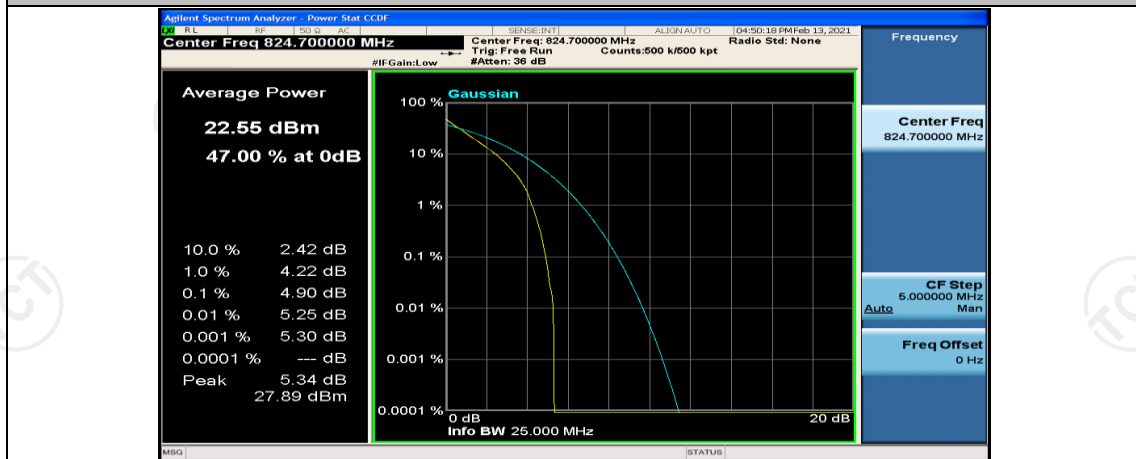




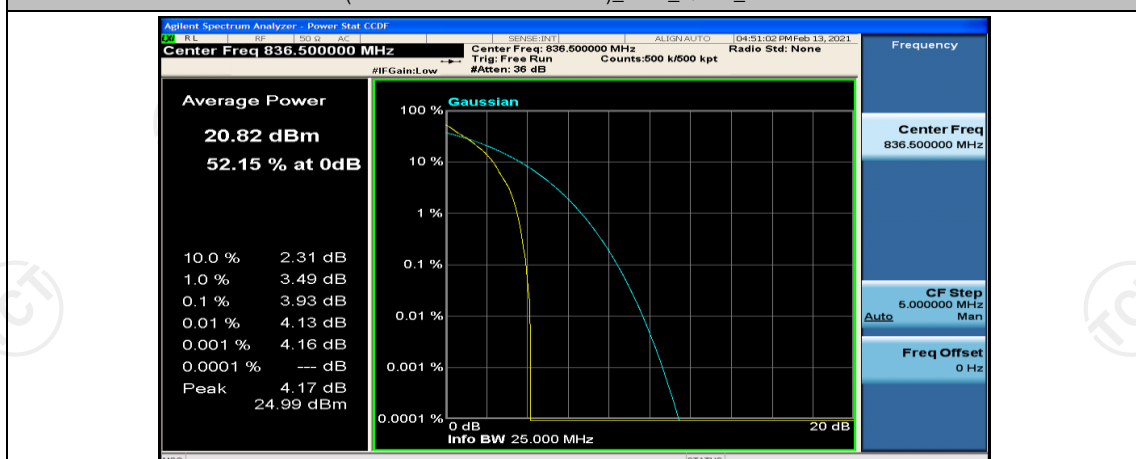
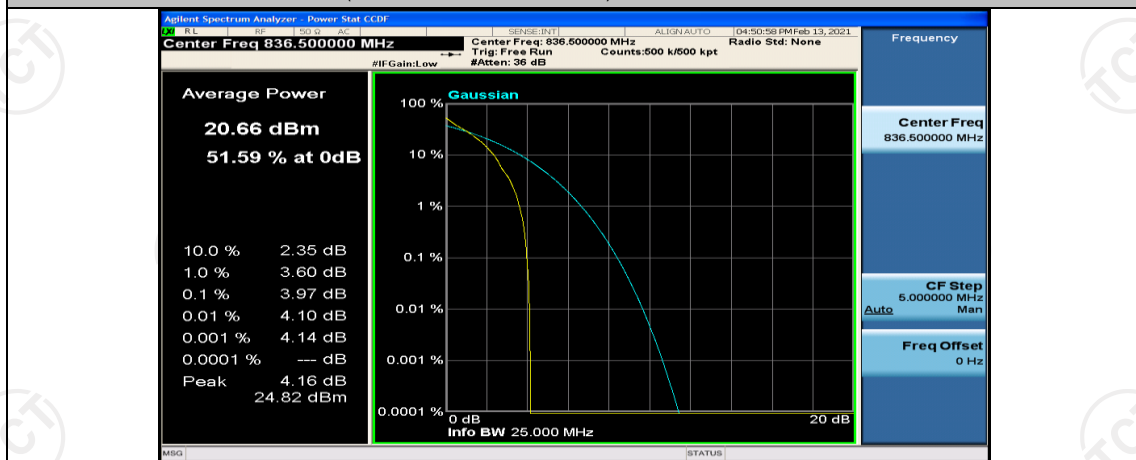
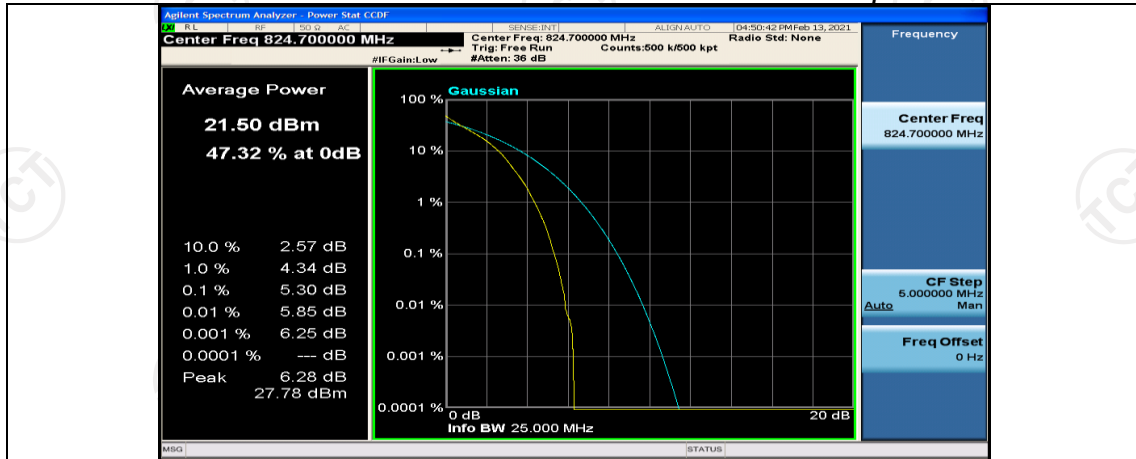
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2

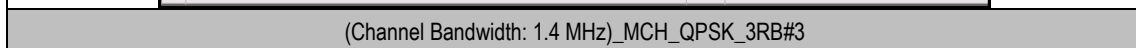
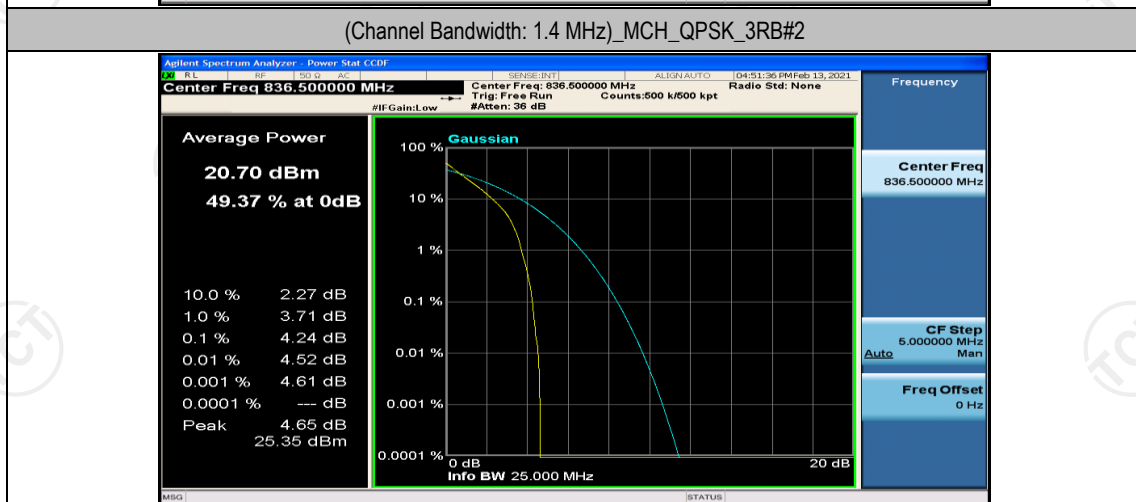
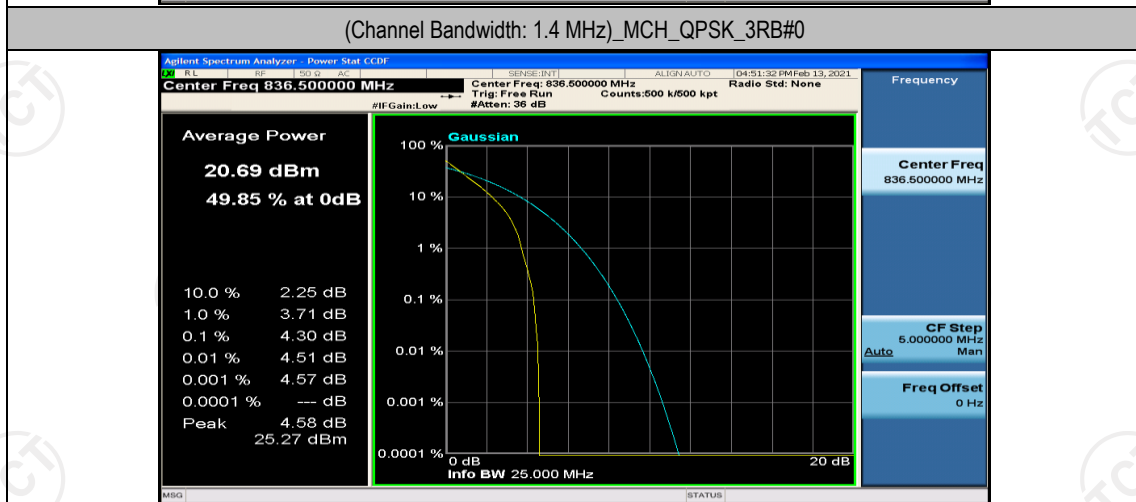
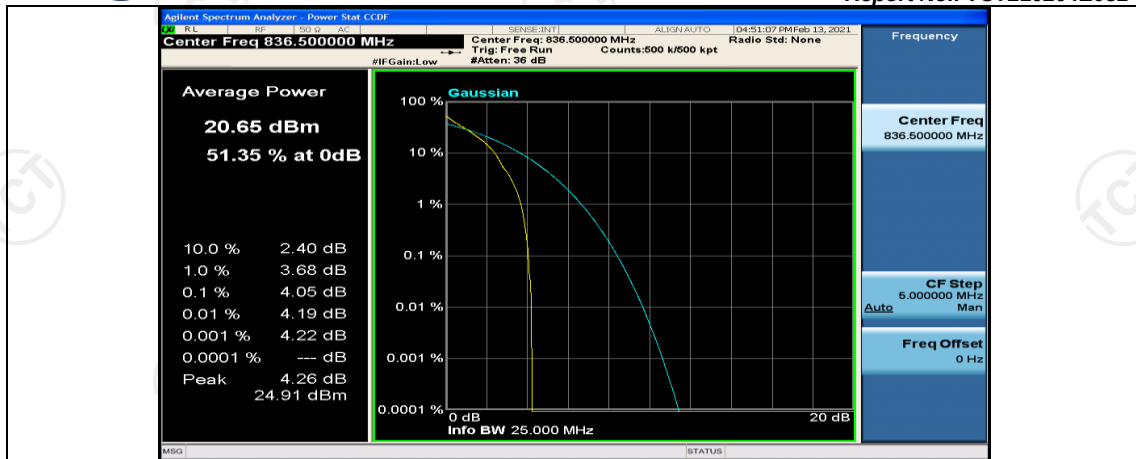


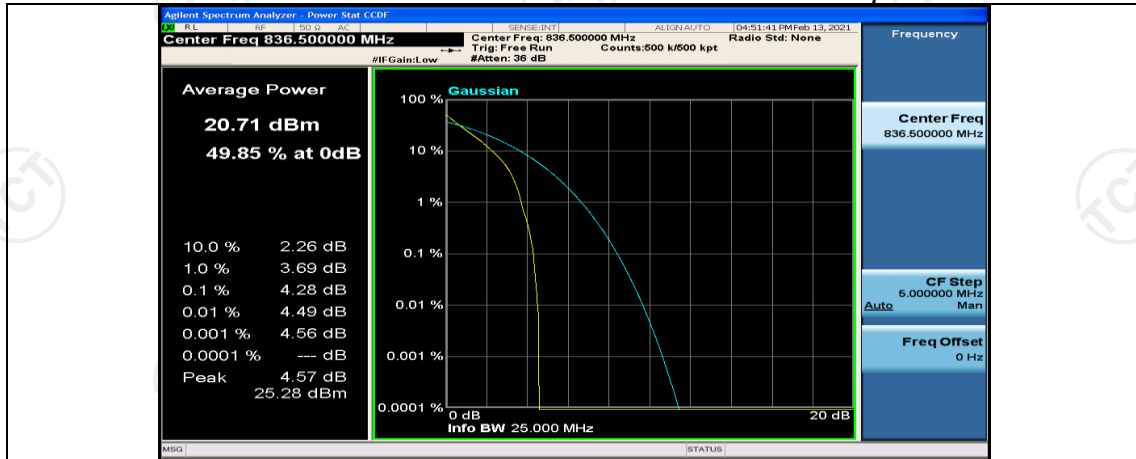
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



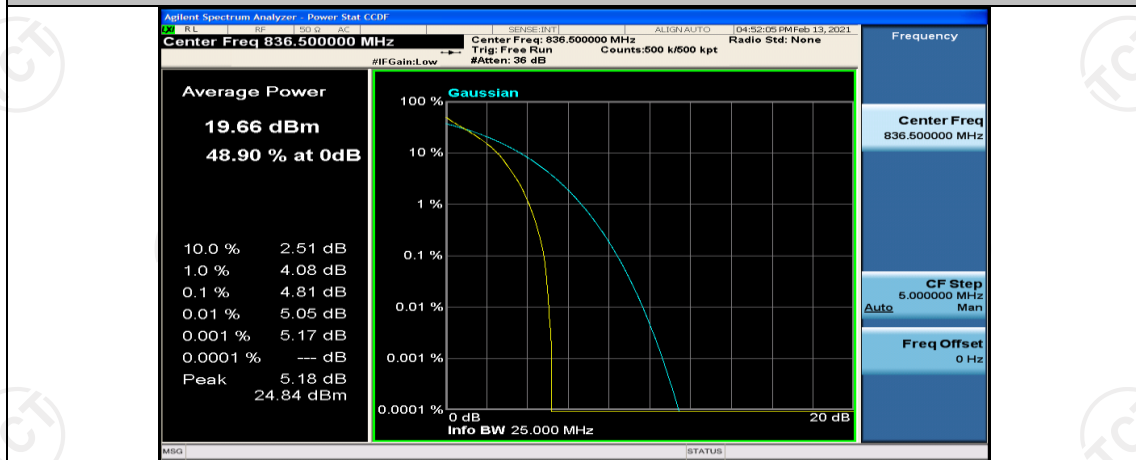
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



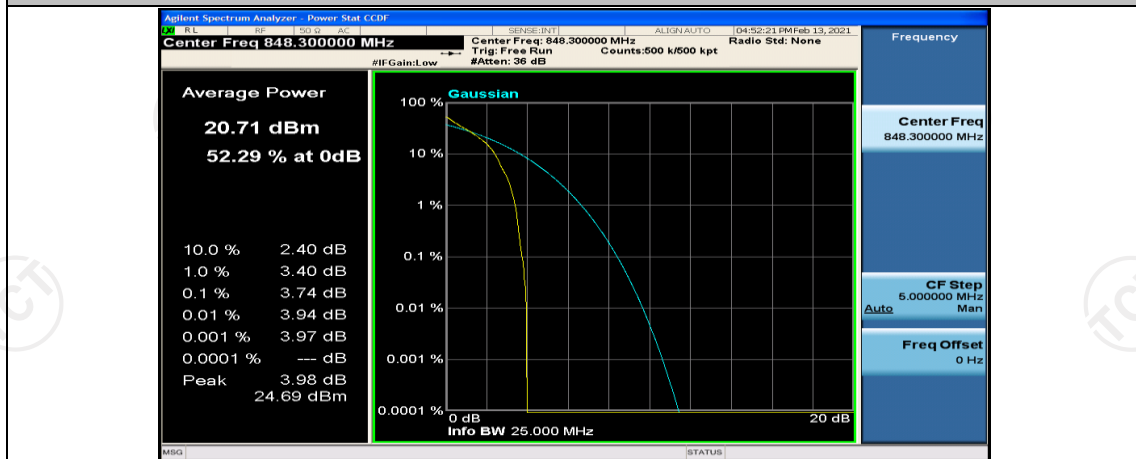




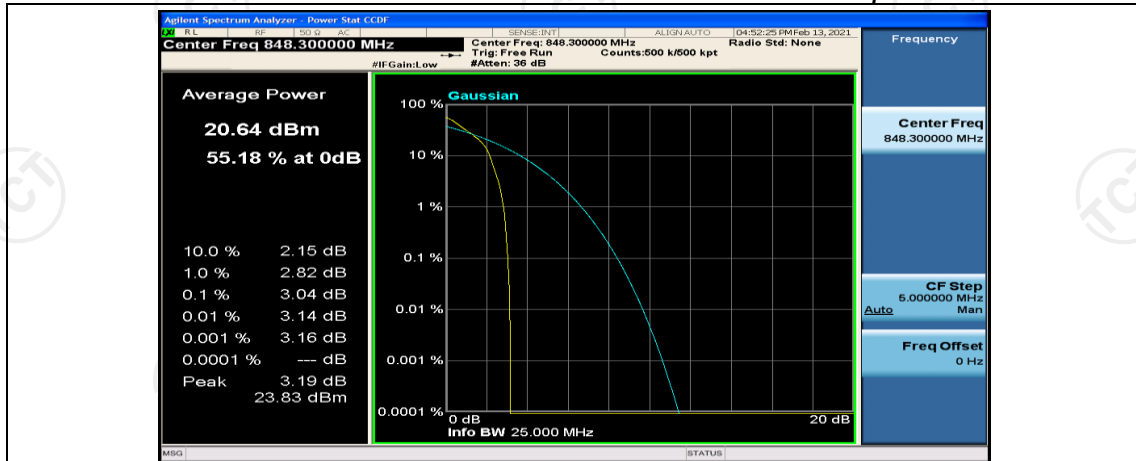
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



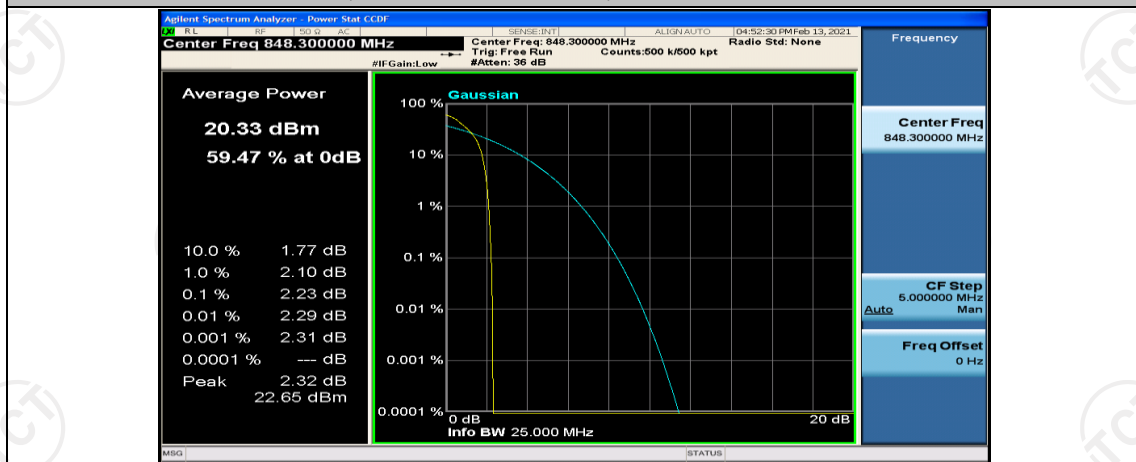
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



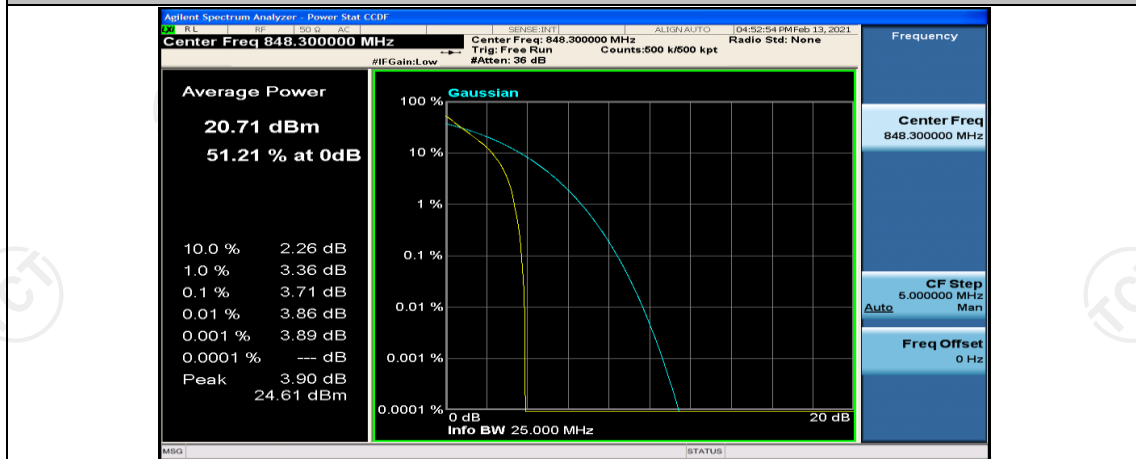
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



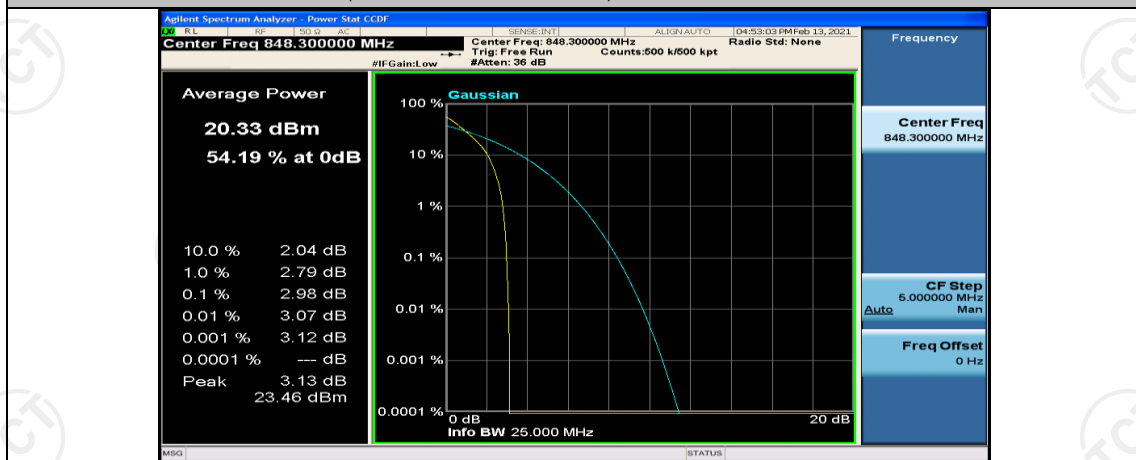
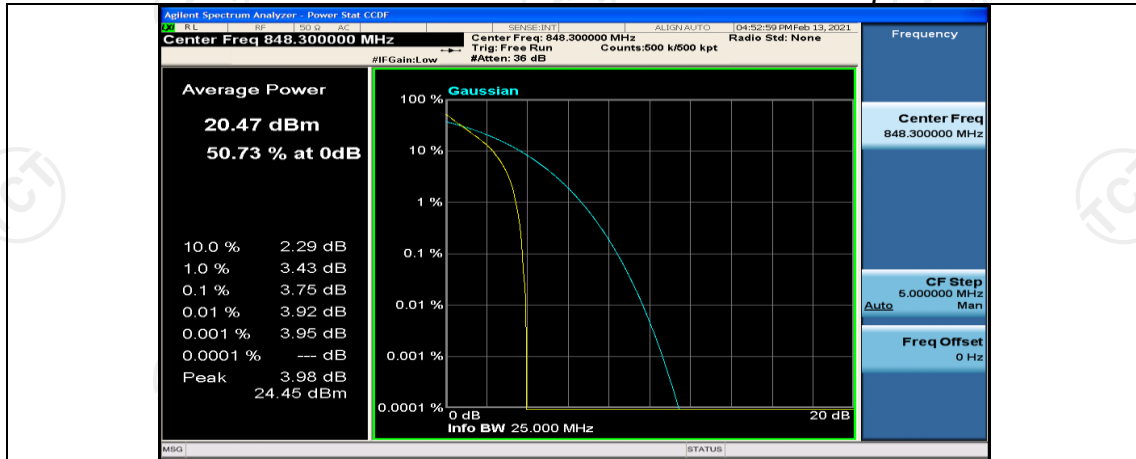
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5

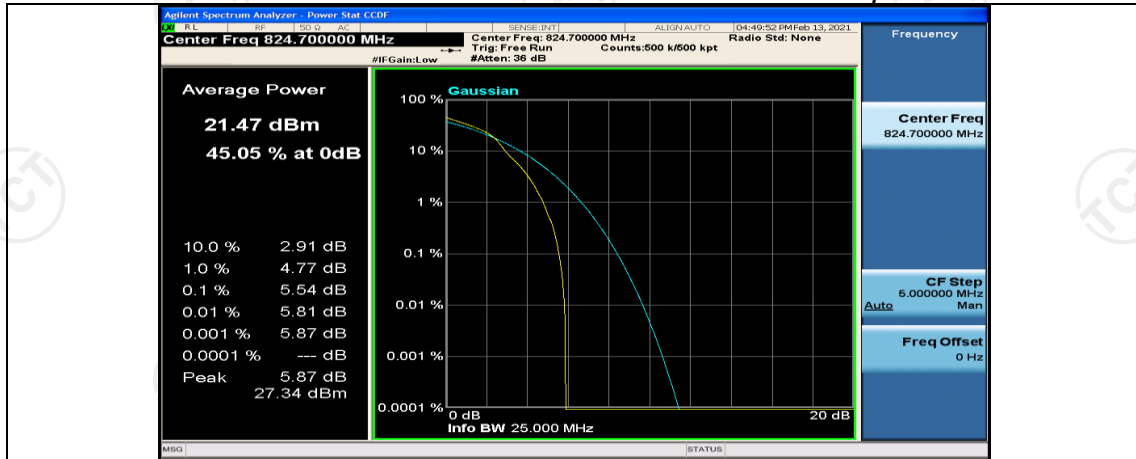


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0

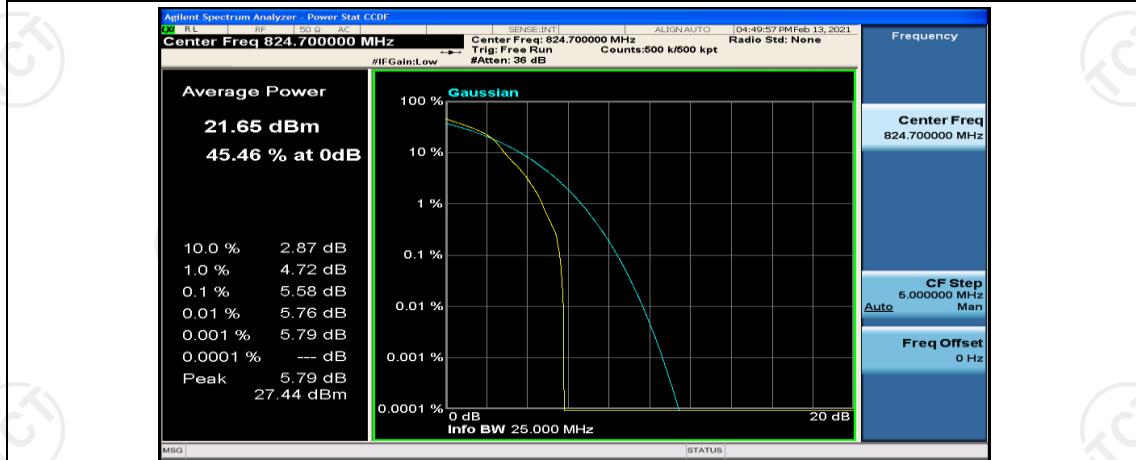


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2

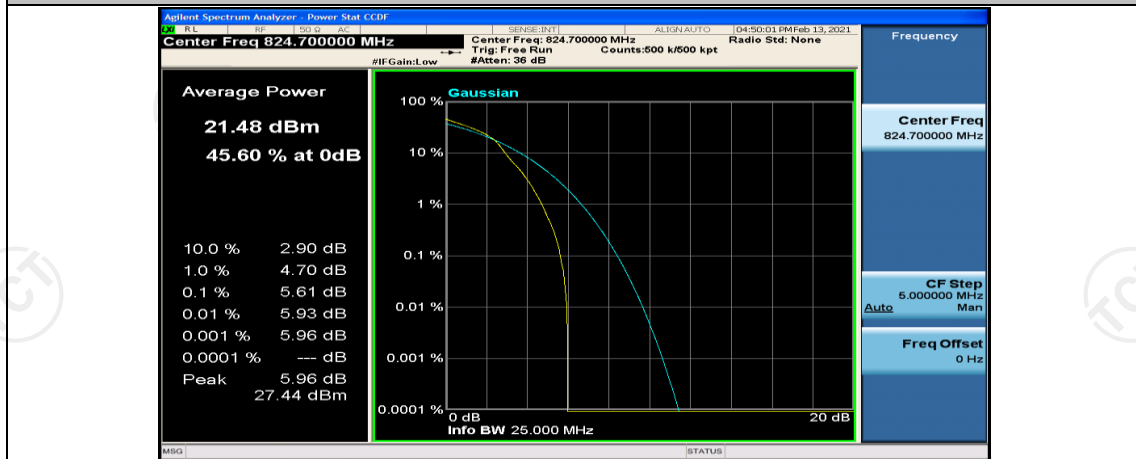




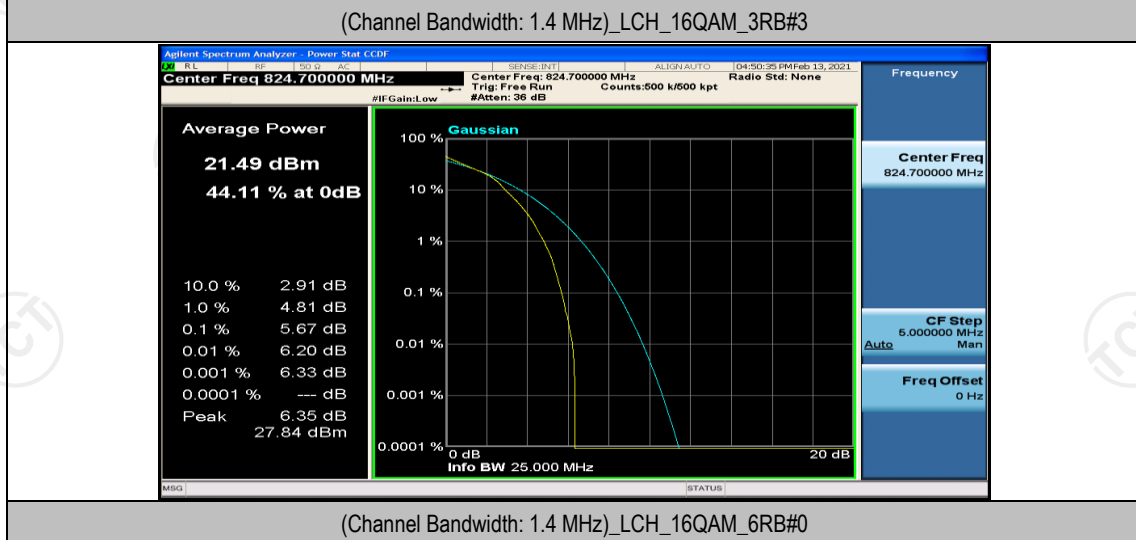
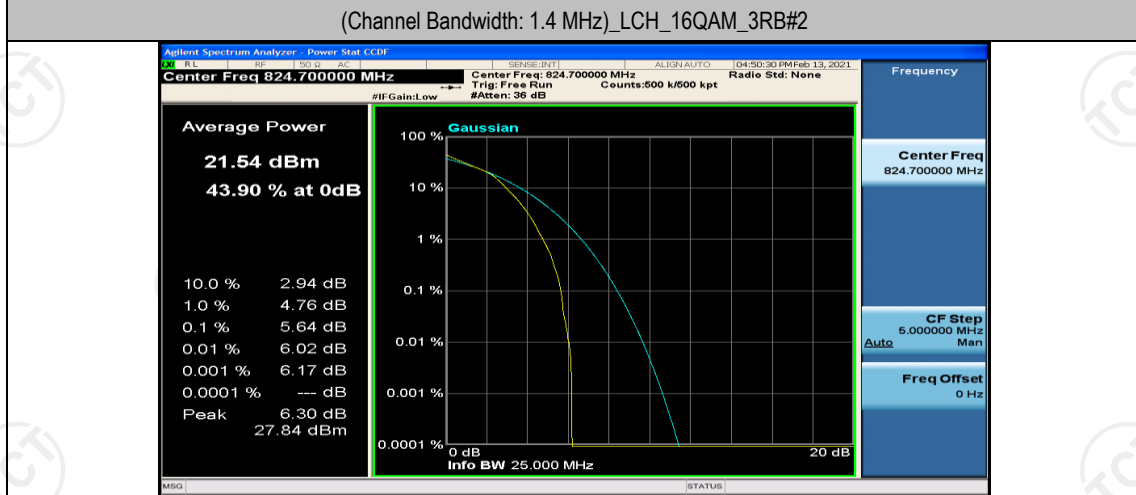
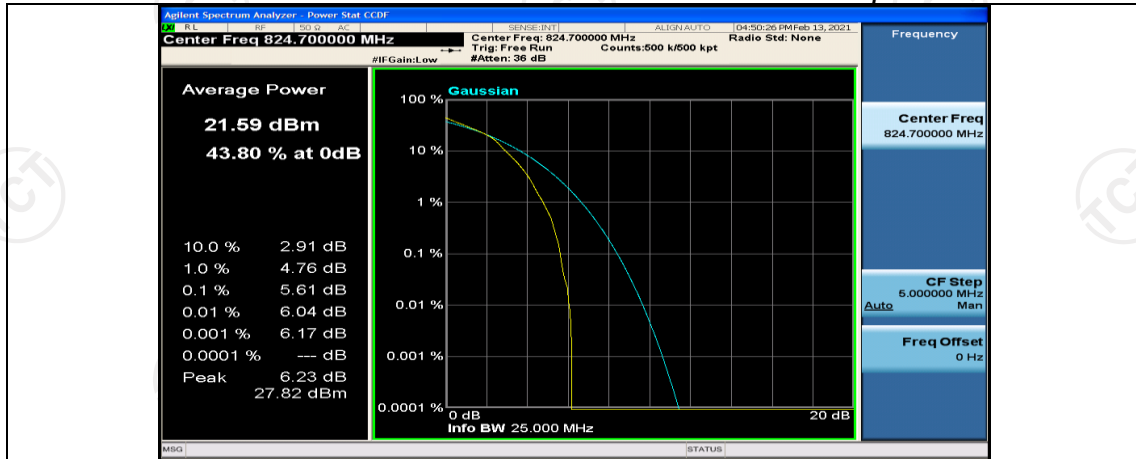
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3

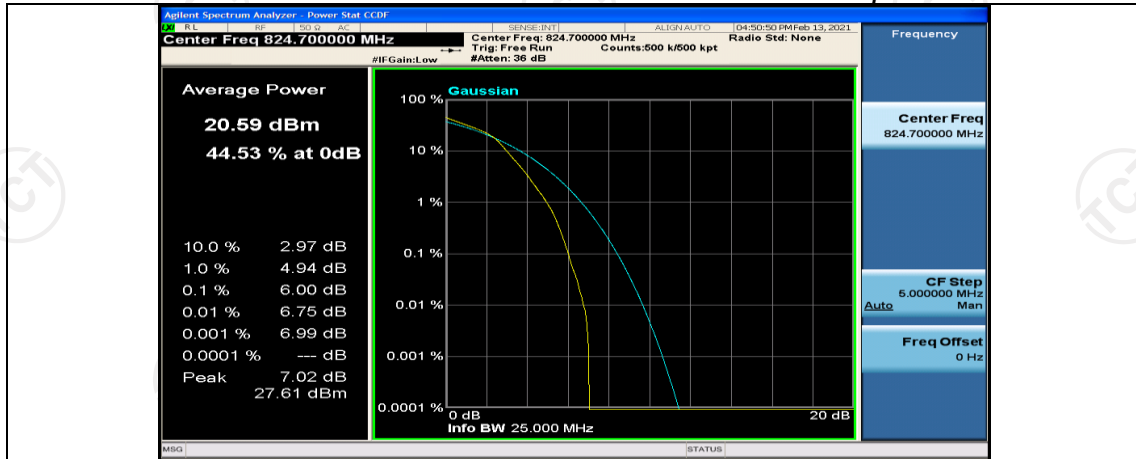


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5

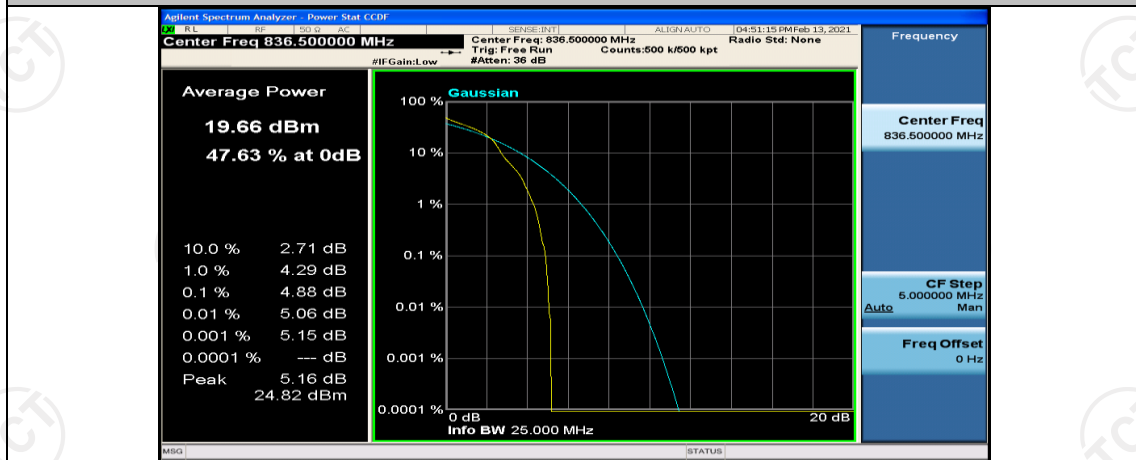


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0

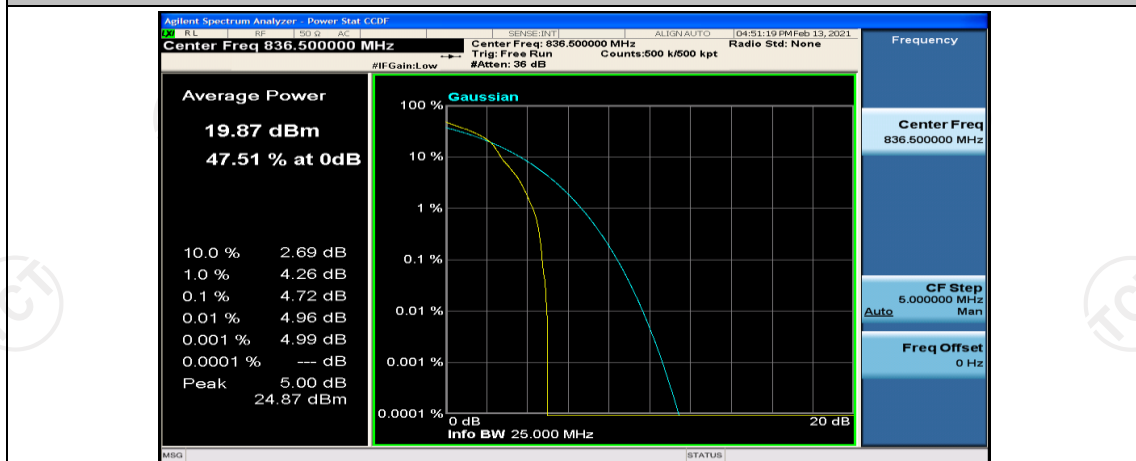




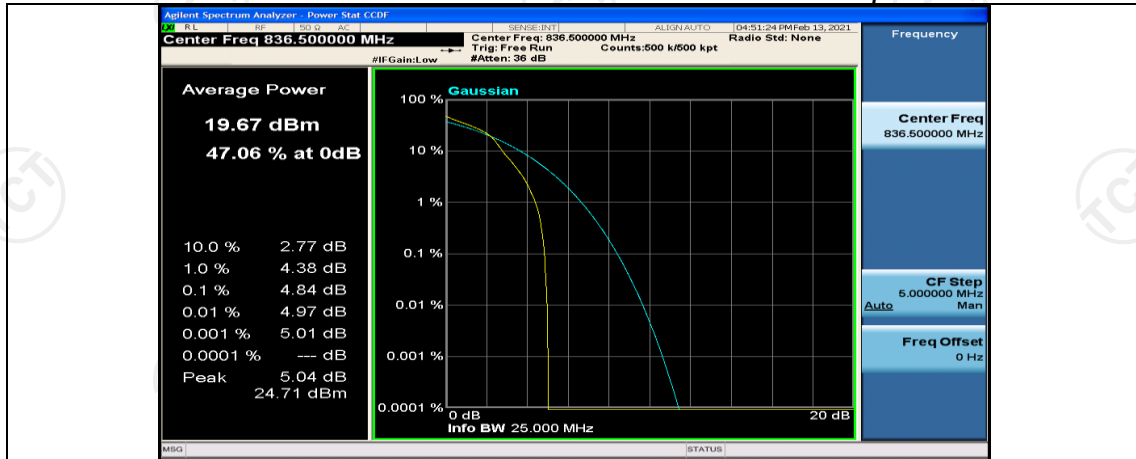
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



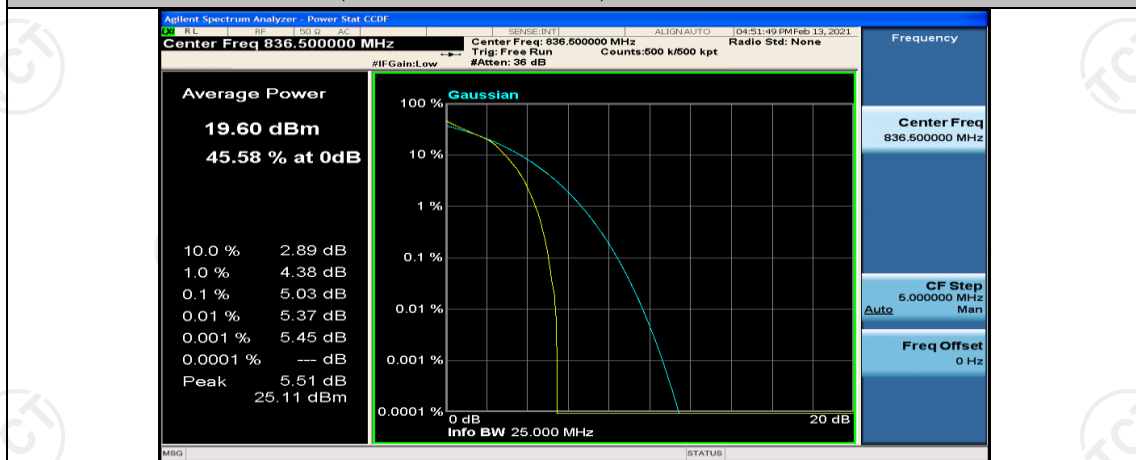
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



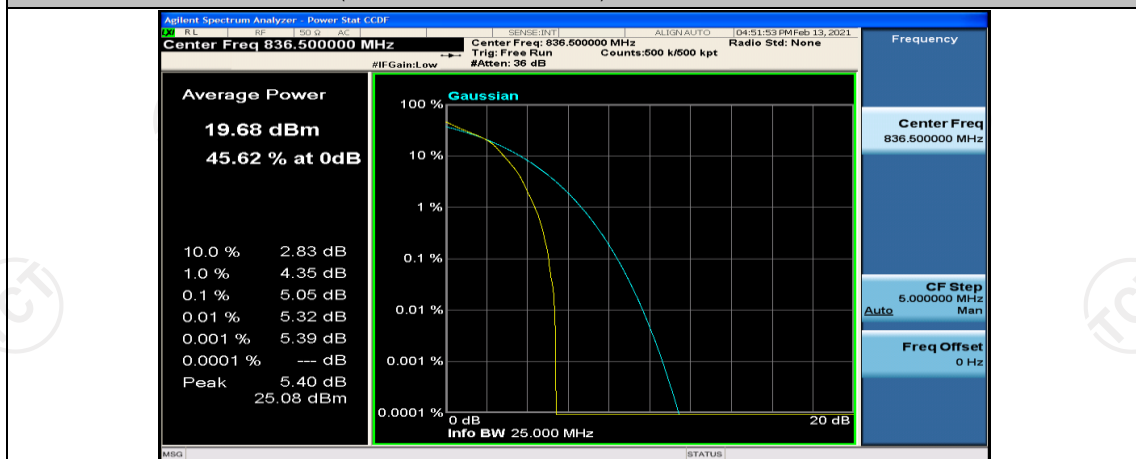
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



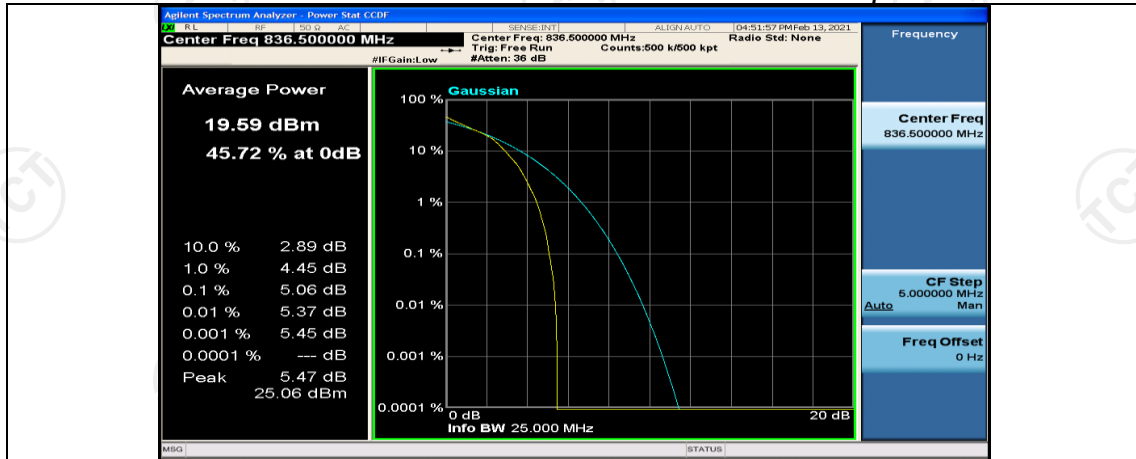
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



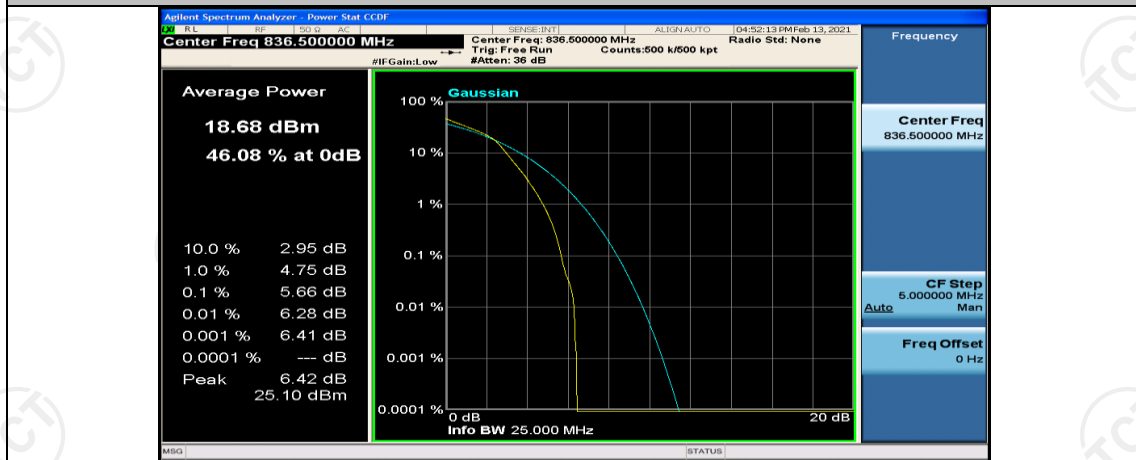
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



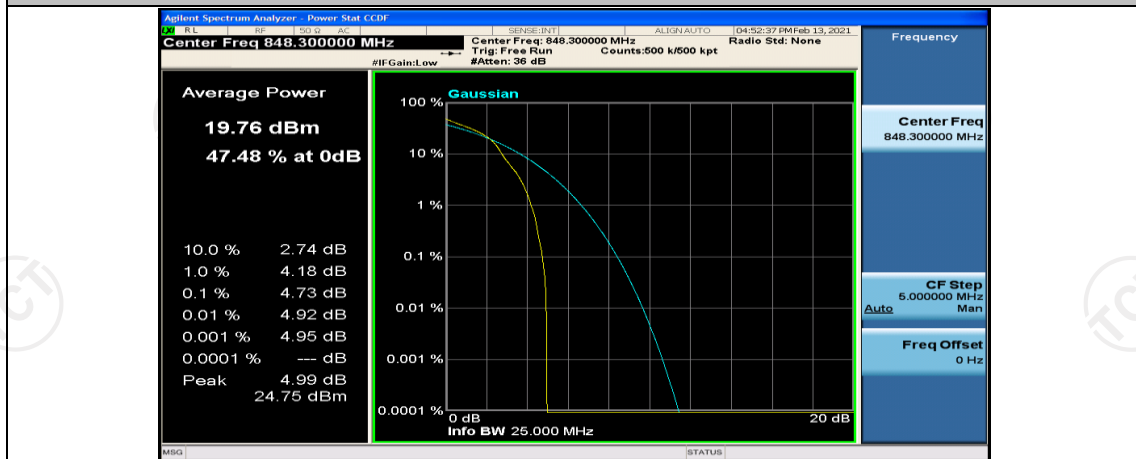
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



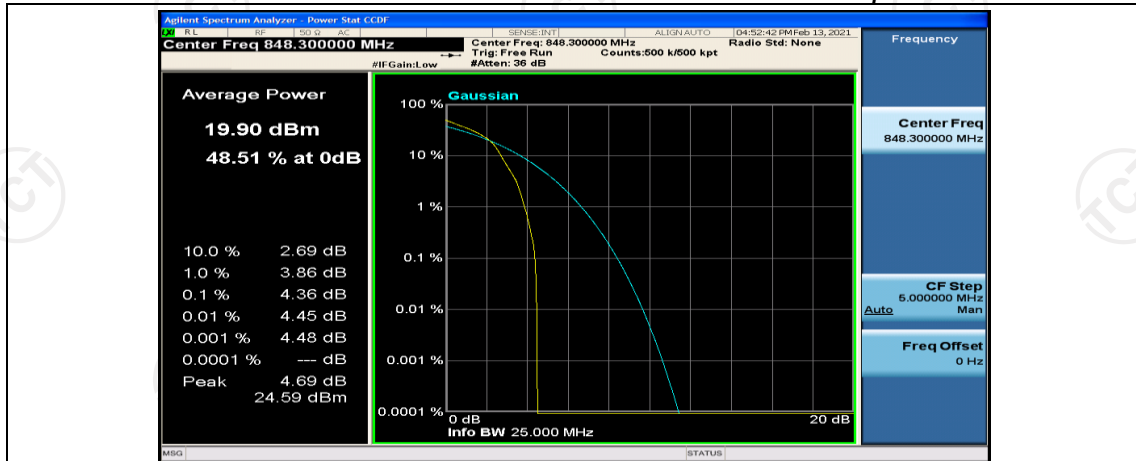
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



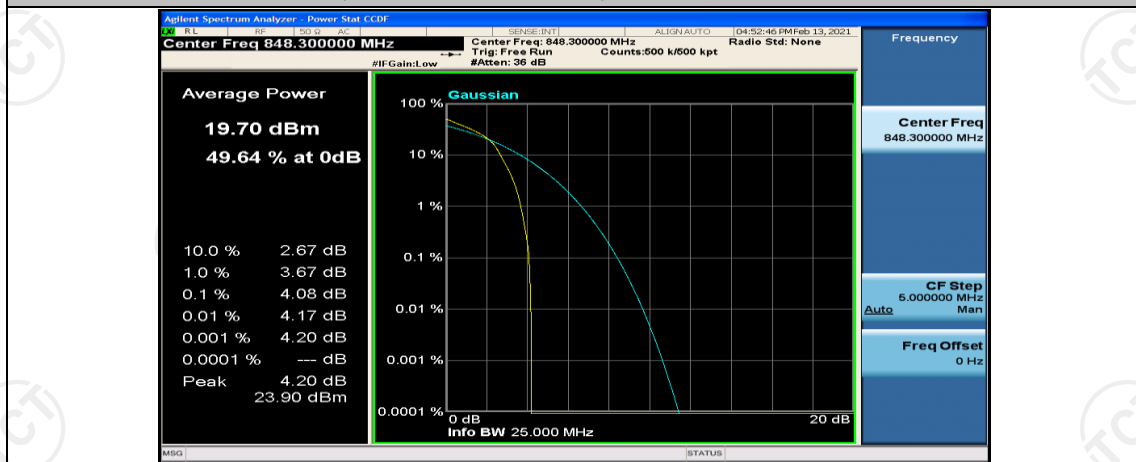
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



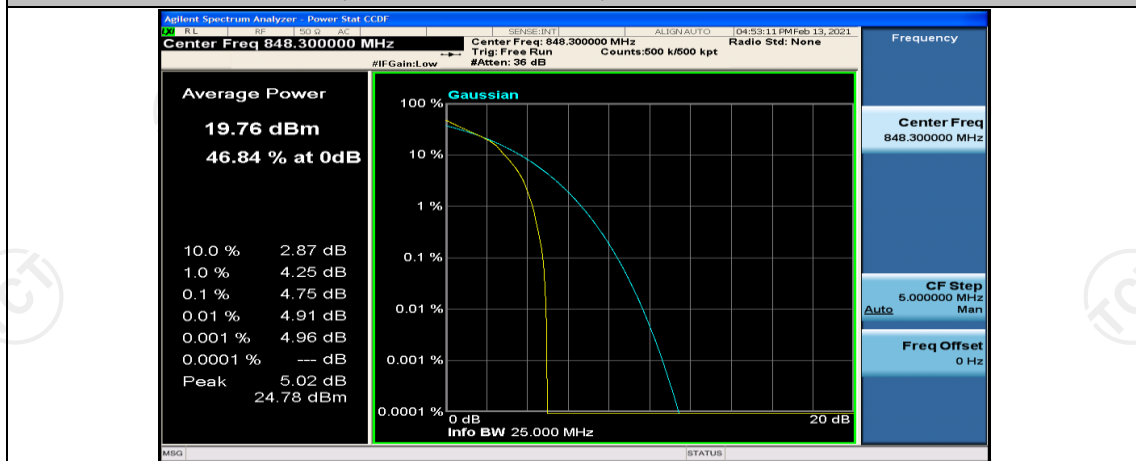
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



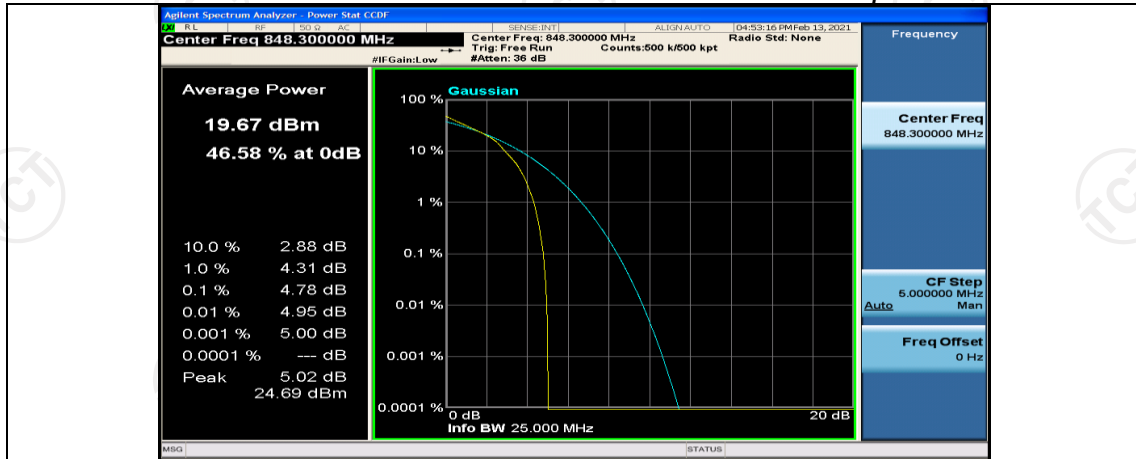
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



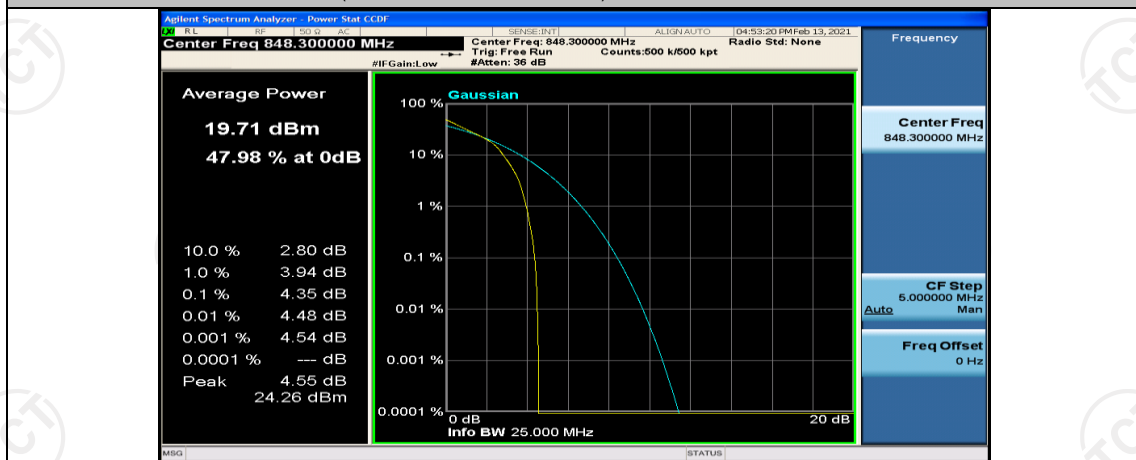
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



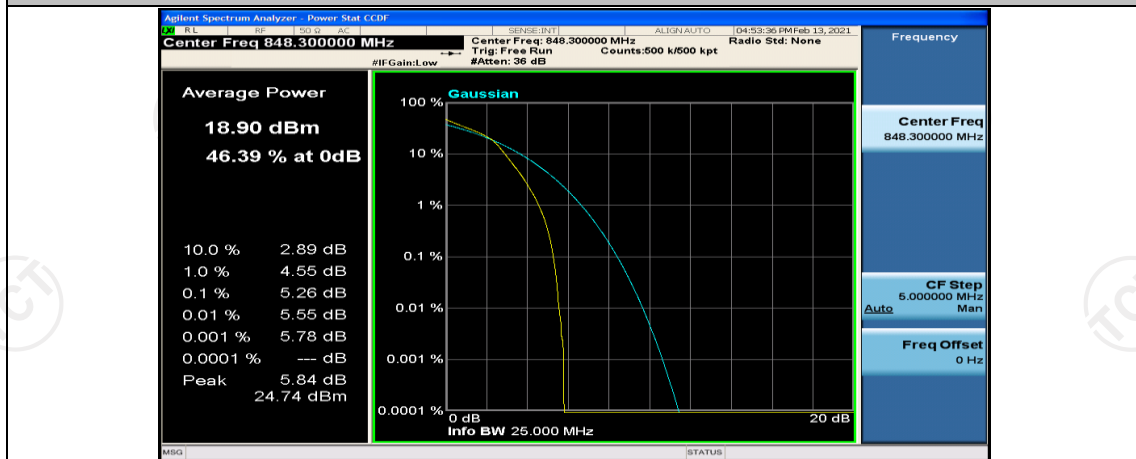
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

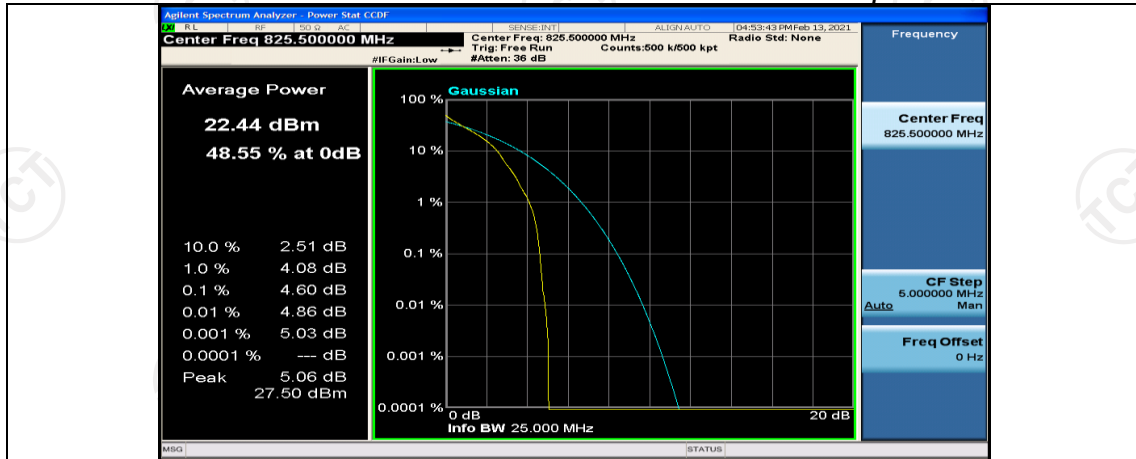


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

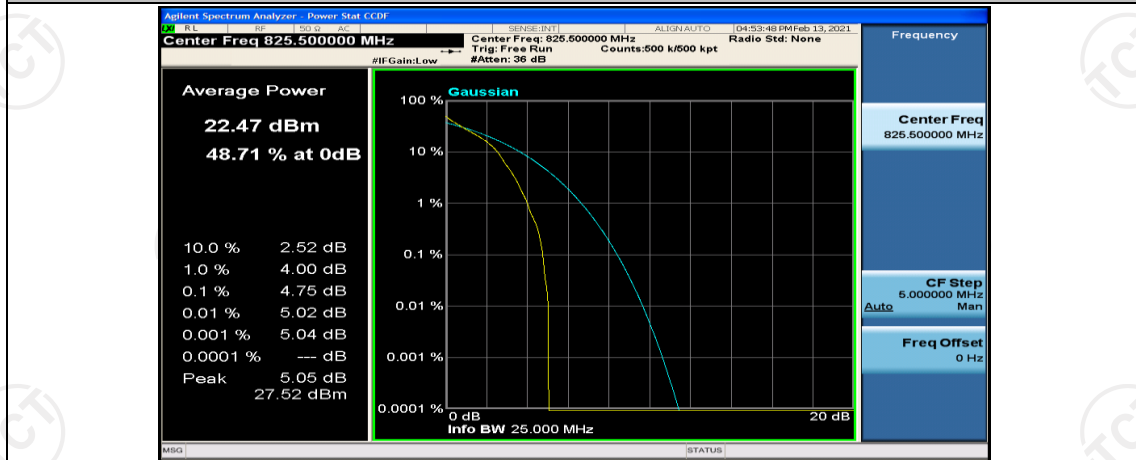


Channel Bandwidth: 3 MHz

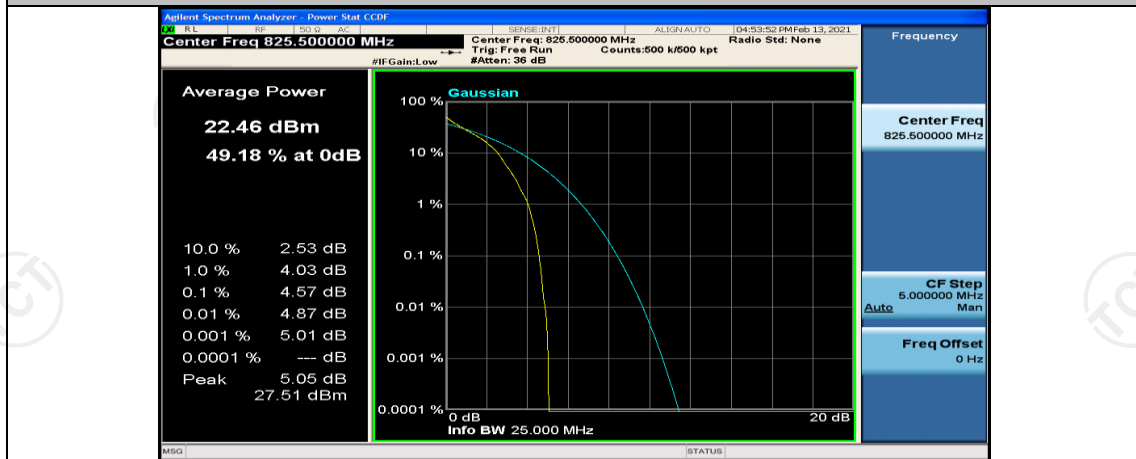
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



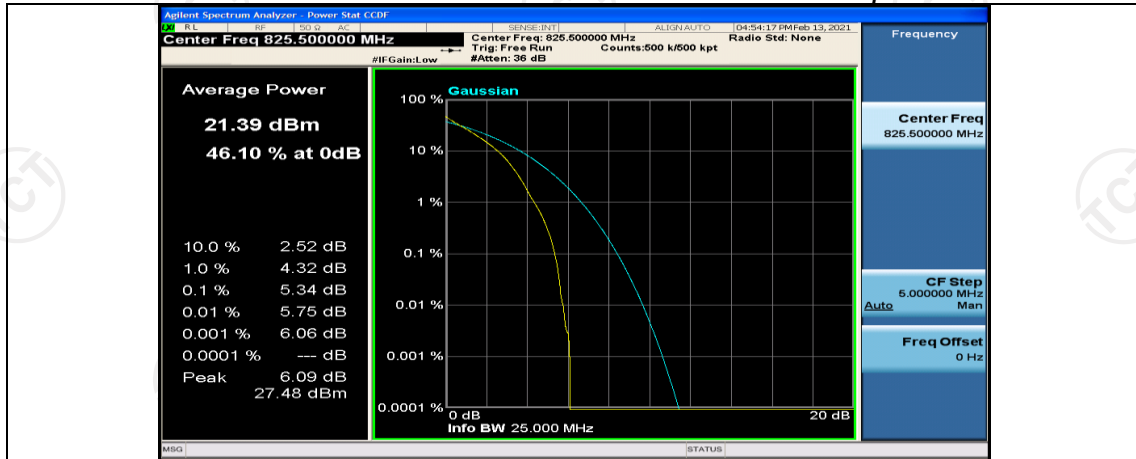
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



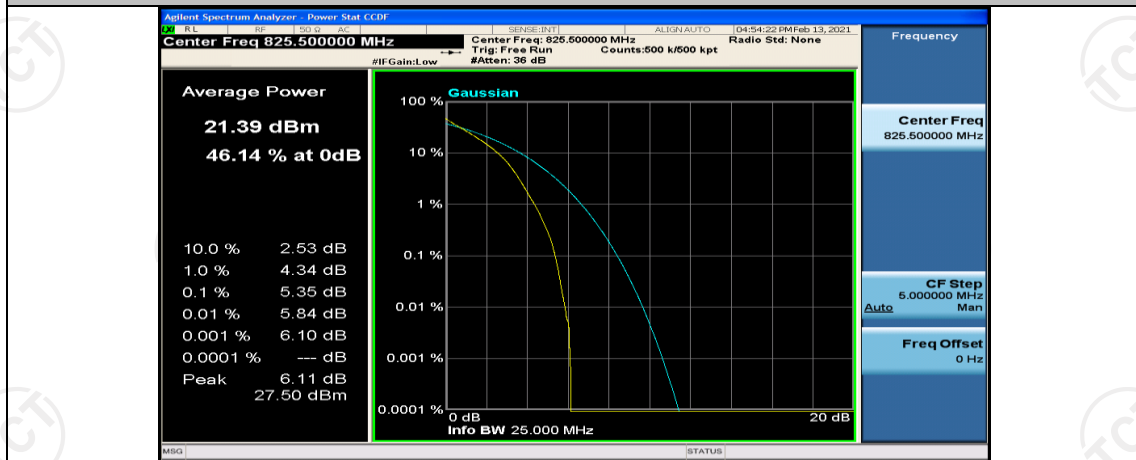
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



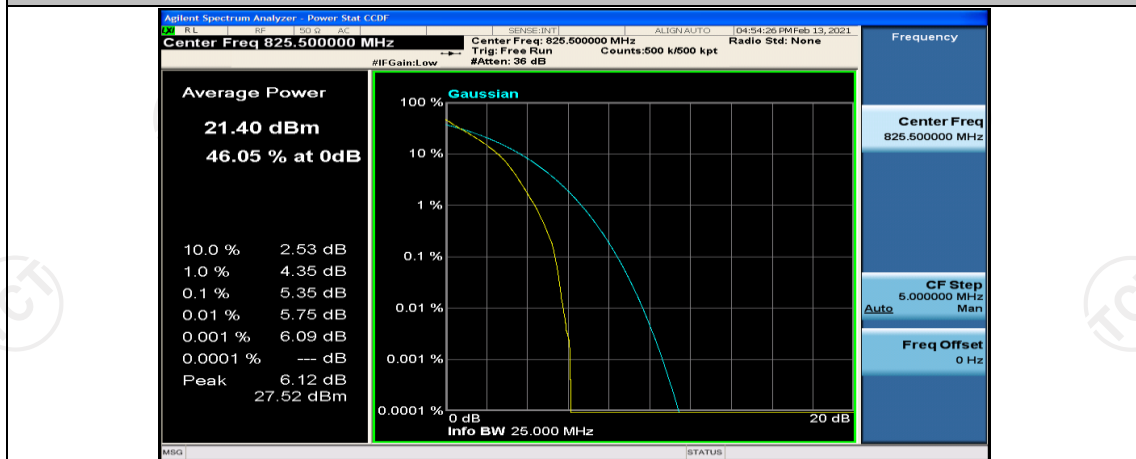
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0



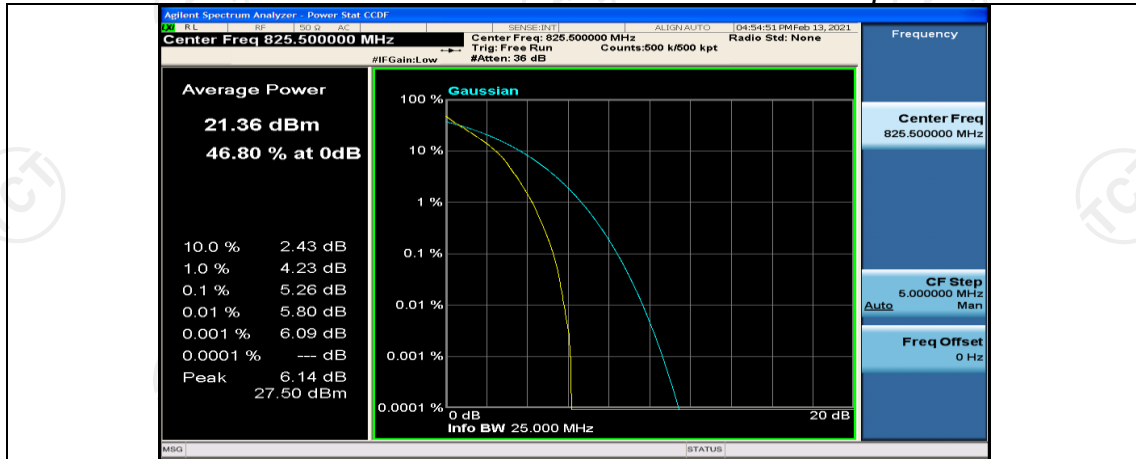
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4



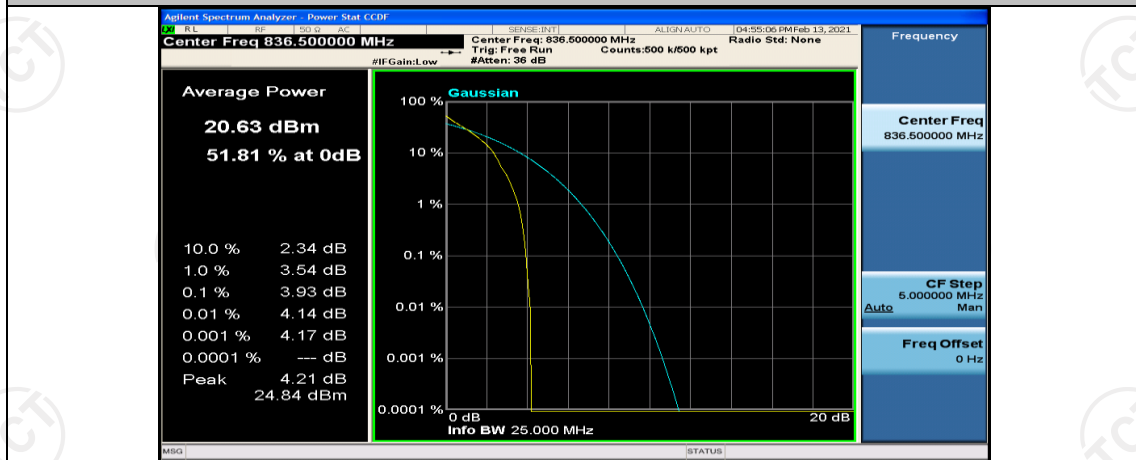
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



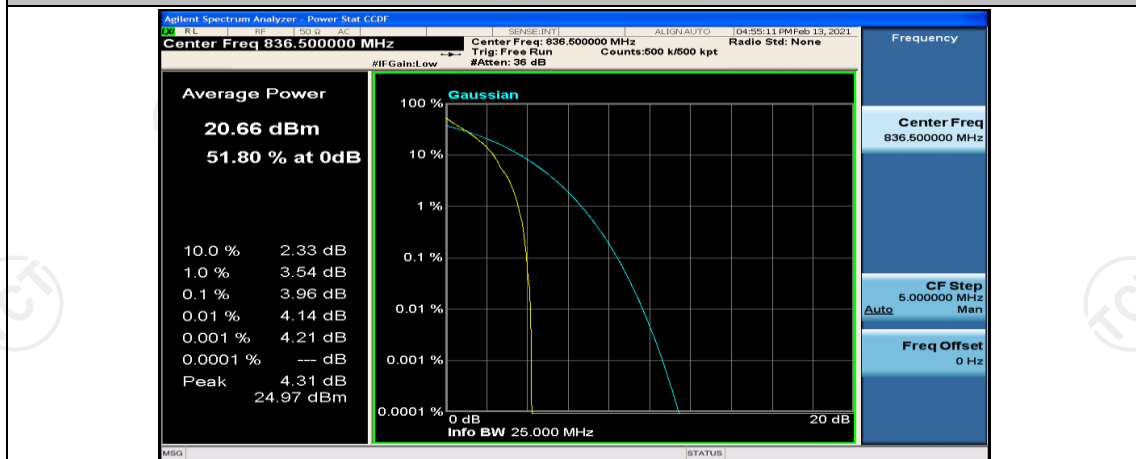
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



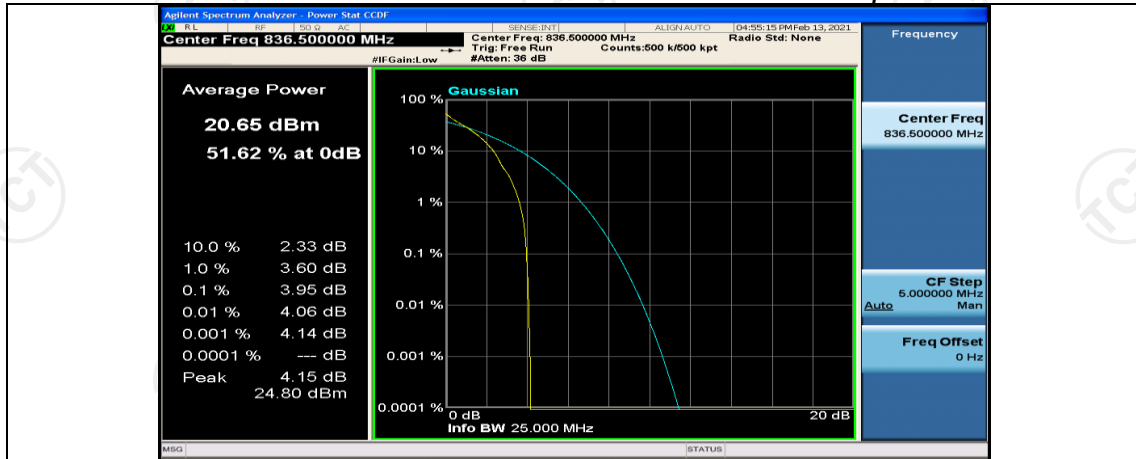
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



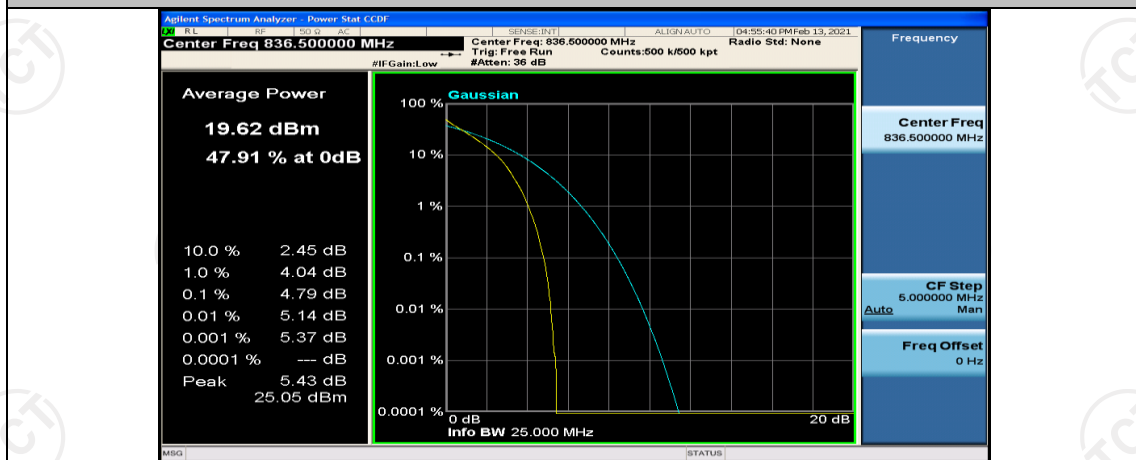
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7



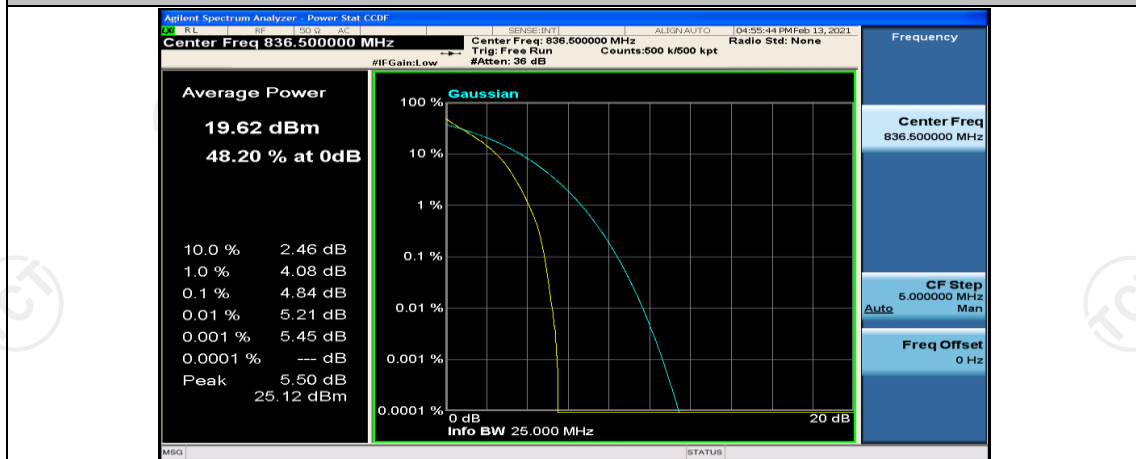
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



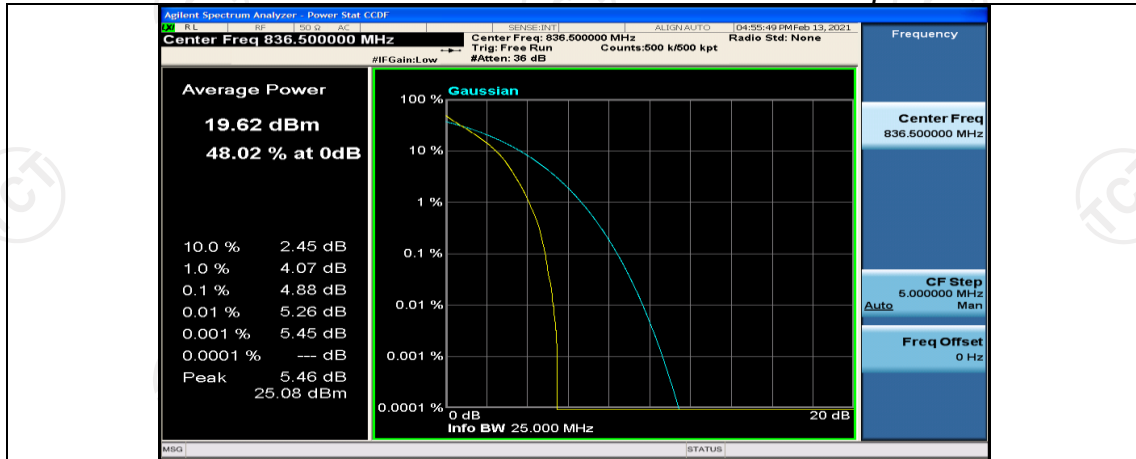
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#0



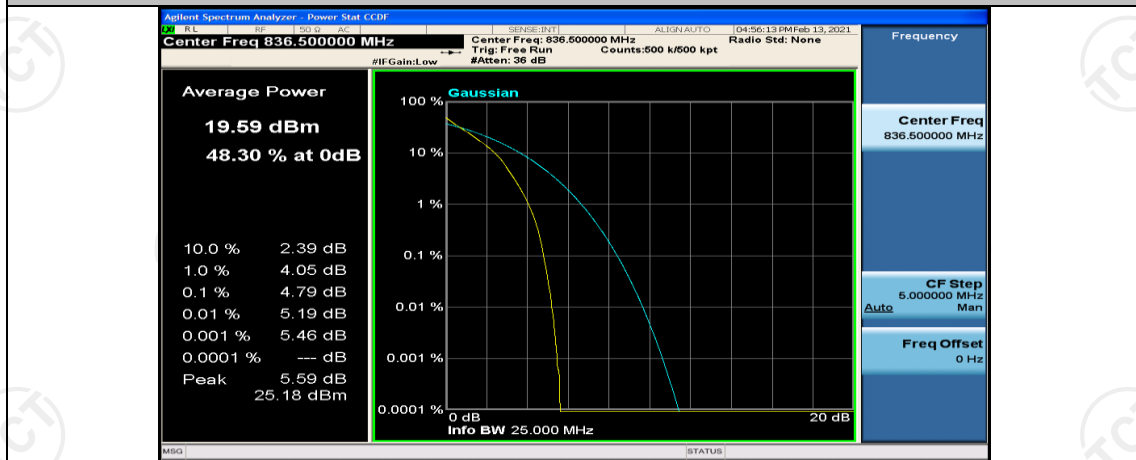
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#4



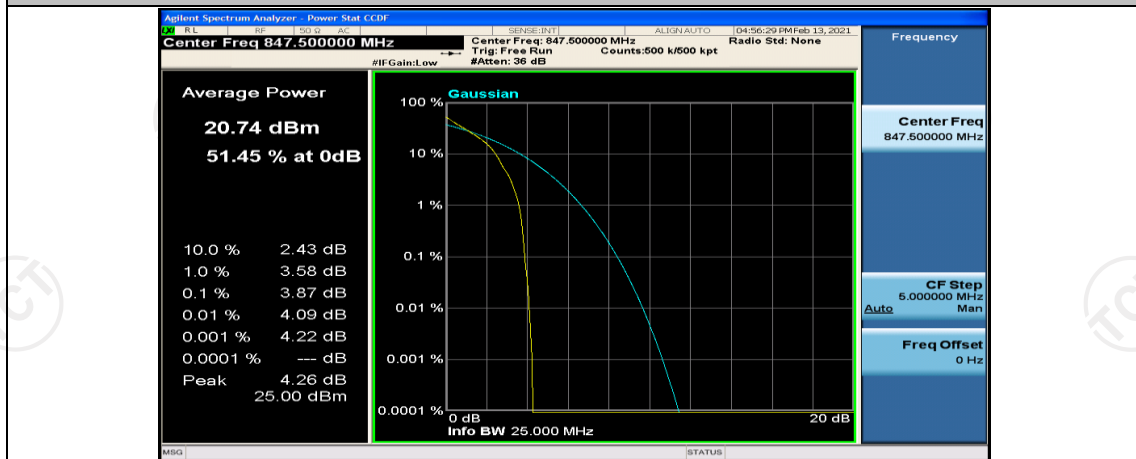
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#7



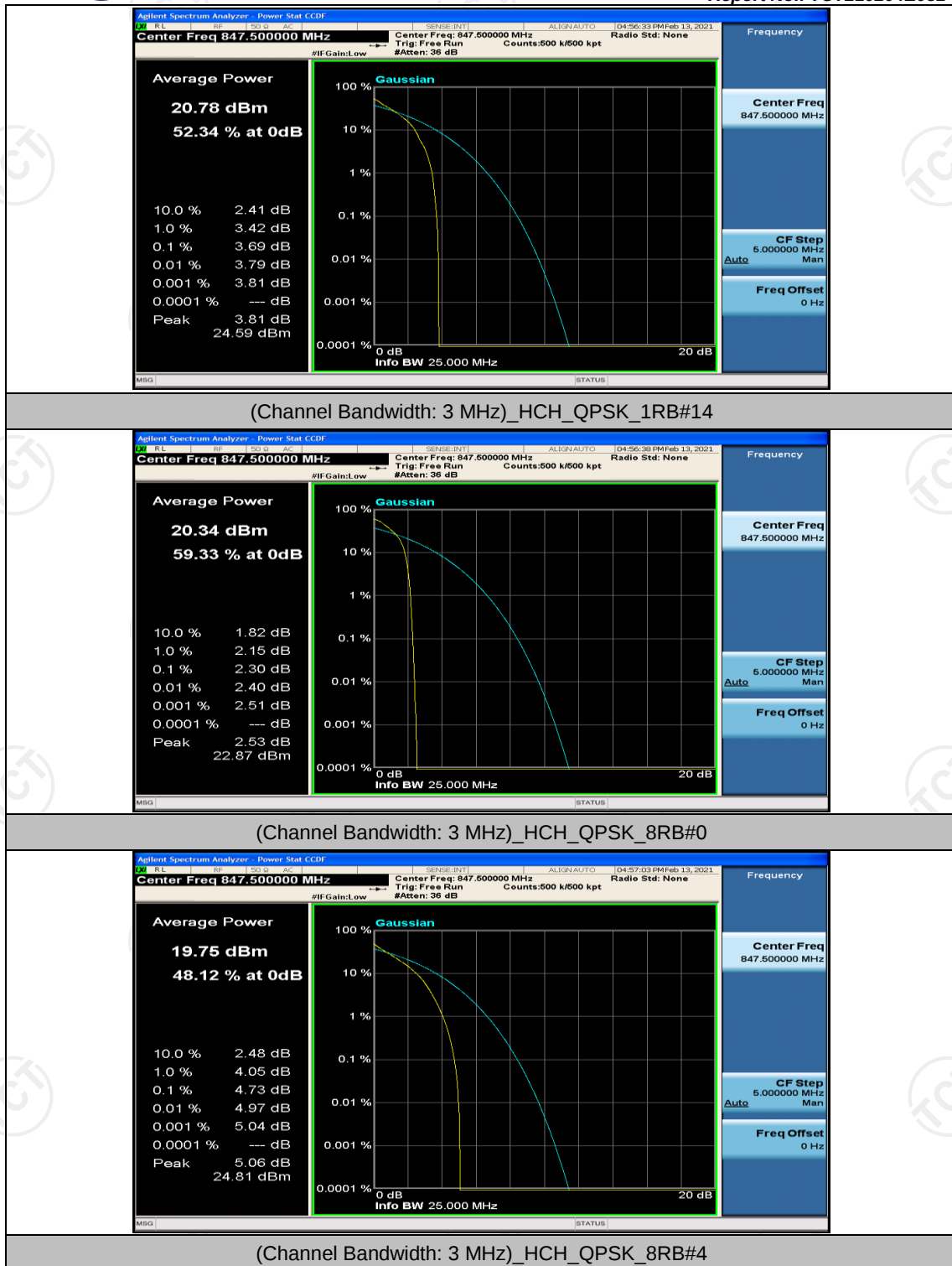
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0

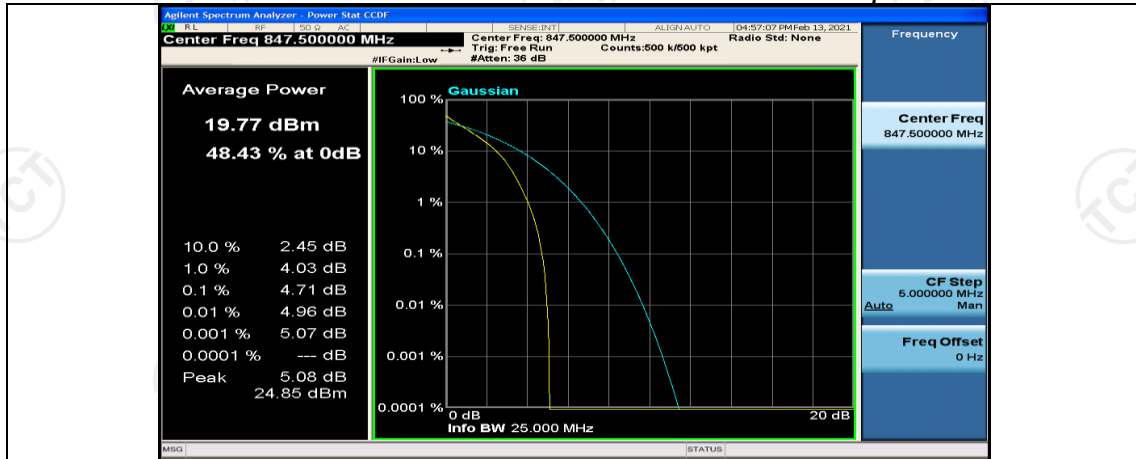


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

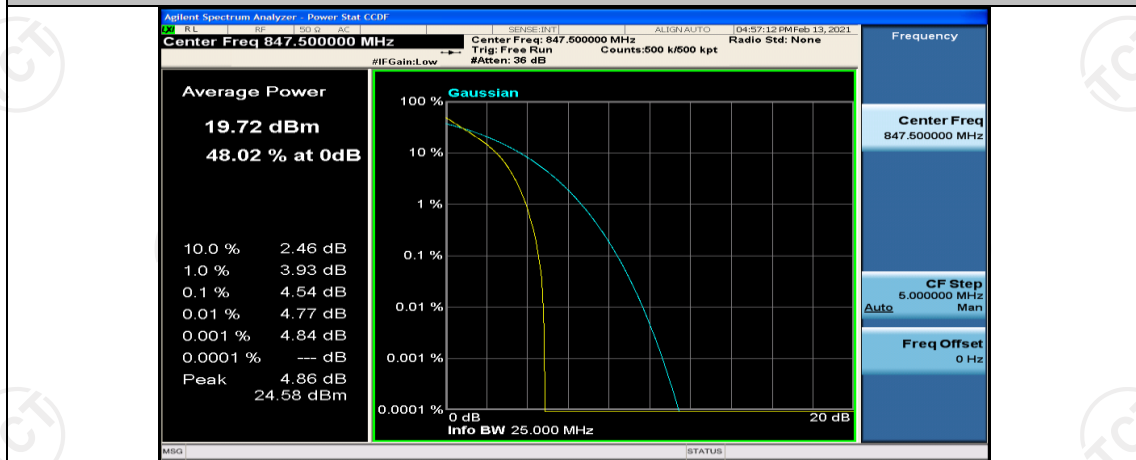


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7

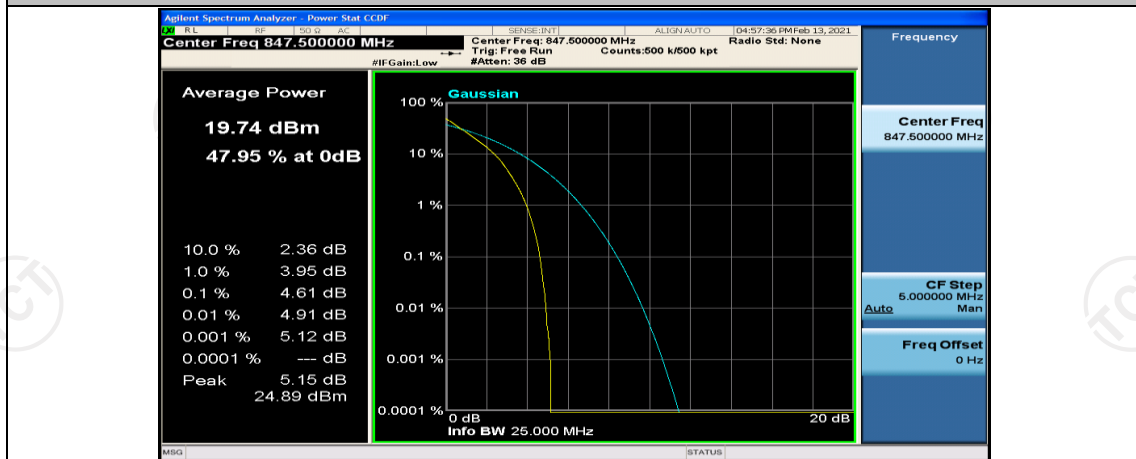




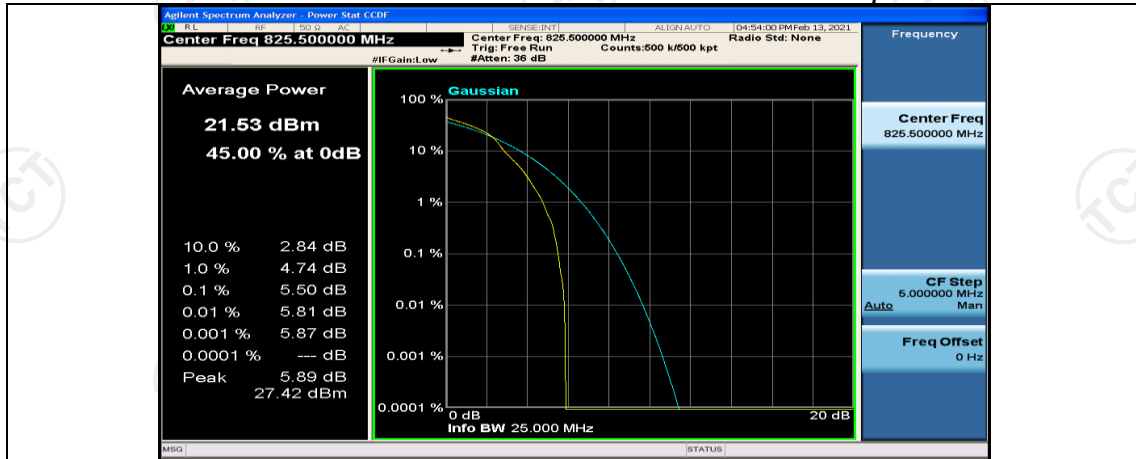
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7



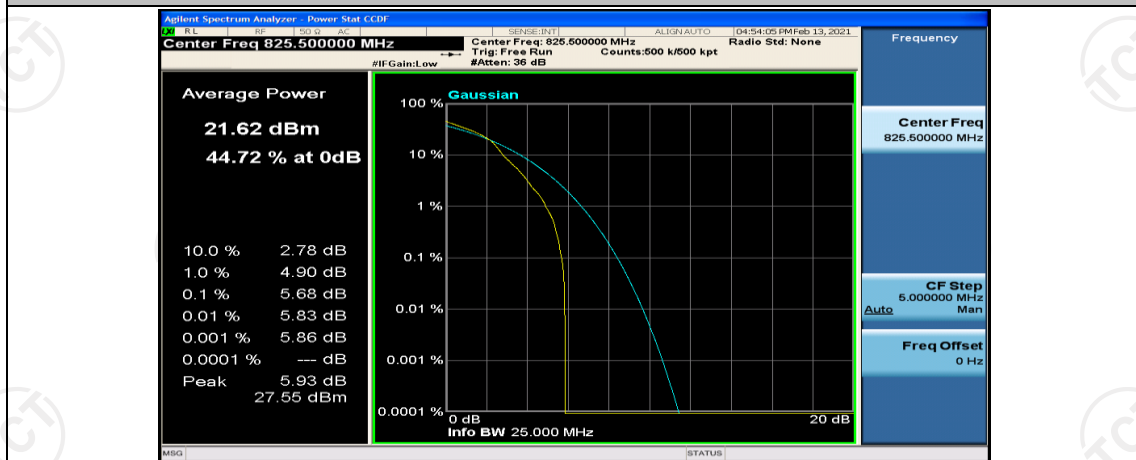
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



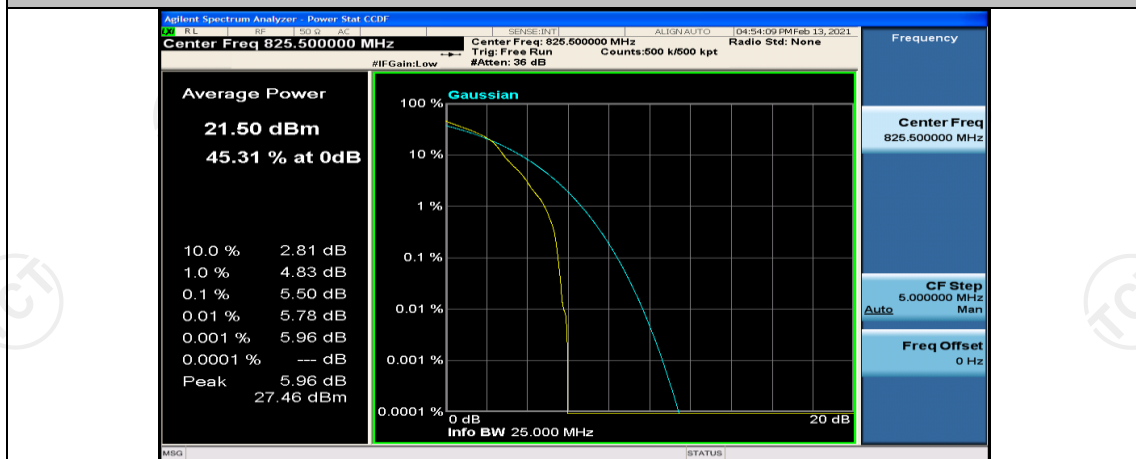
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



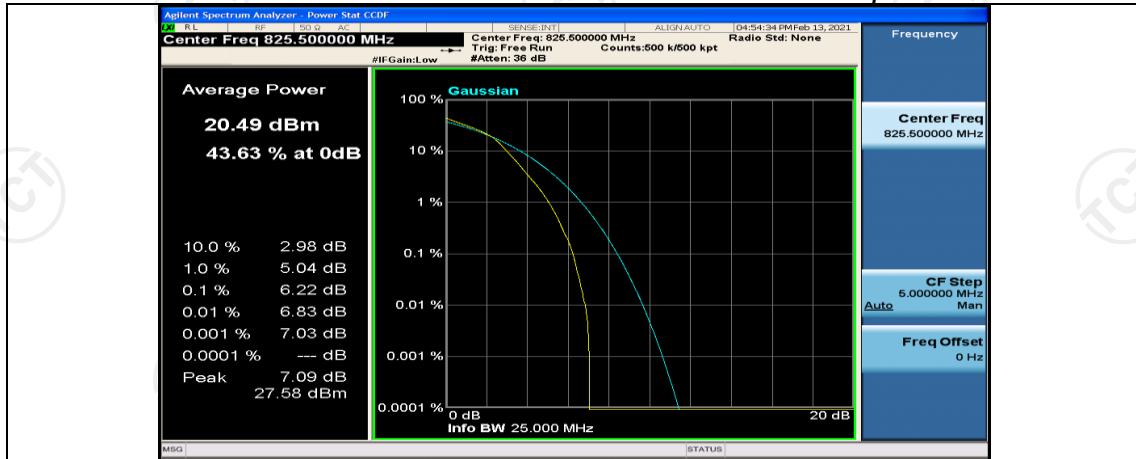
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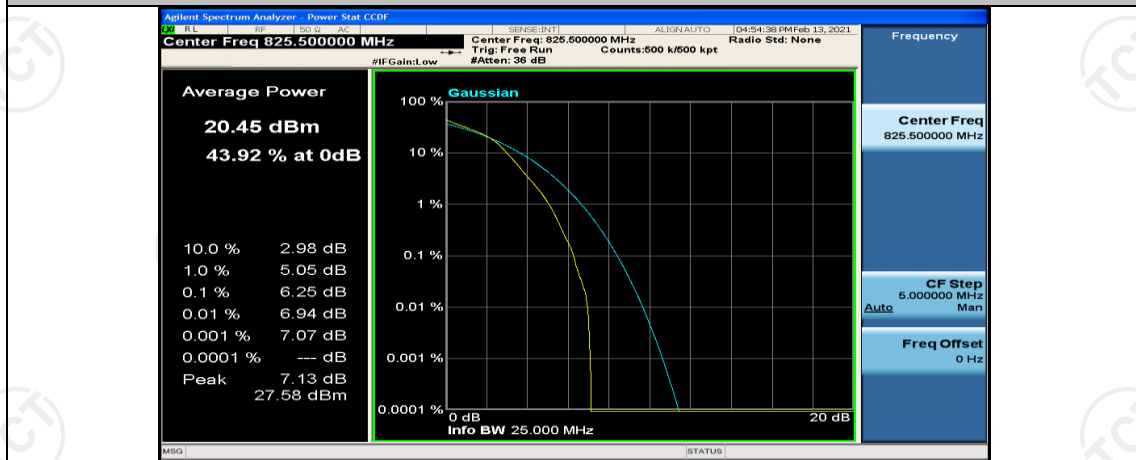
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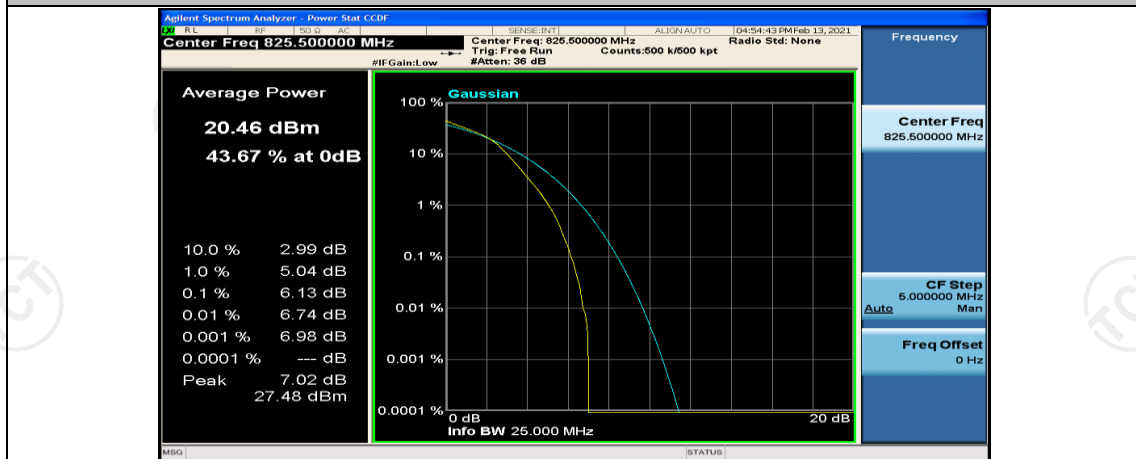
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0



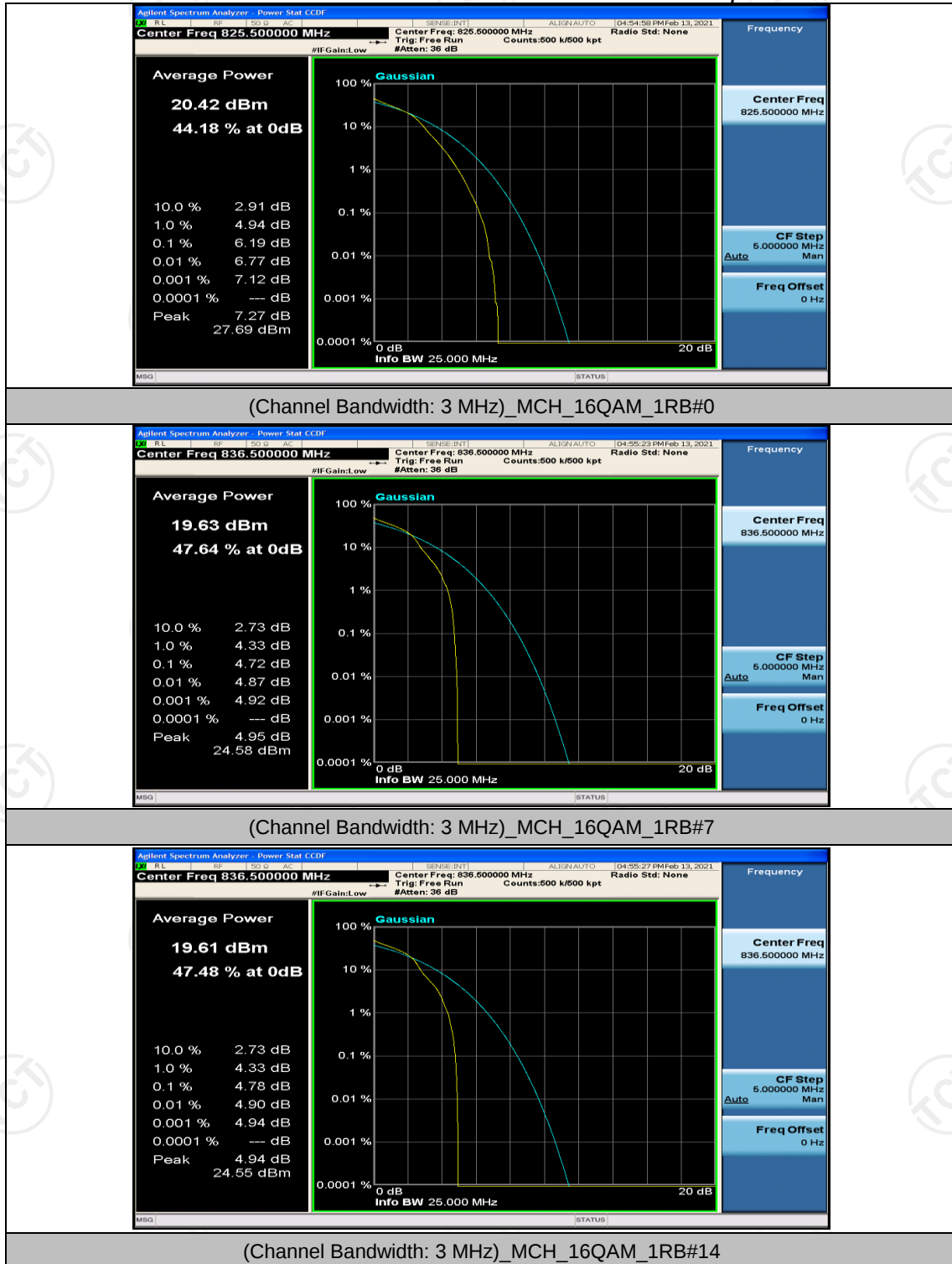
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4

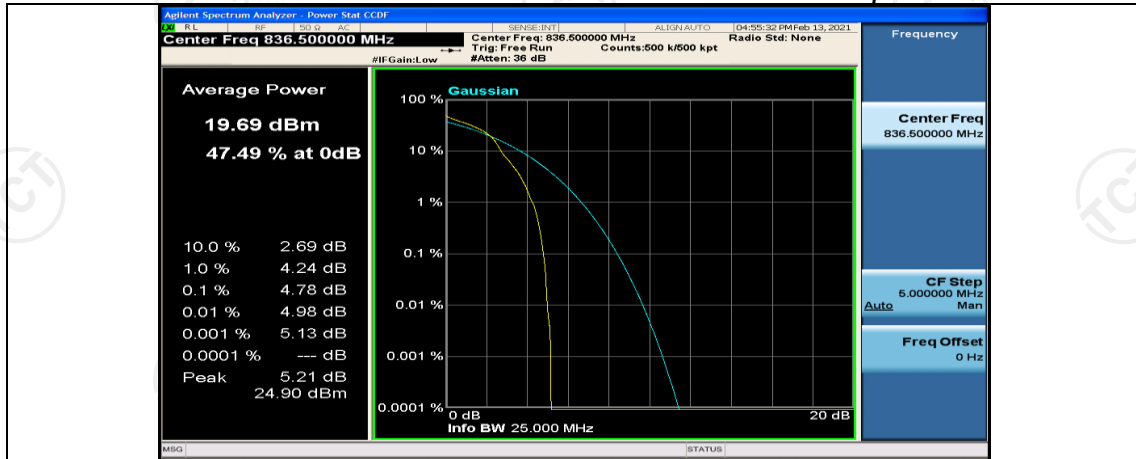


(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7

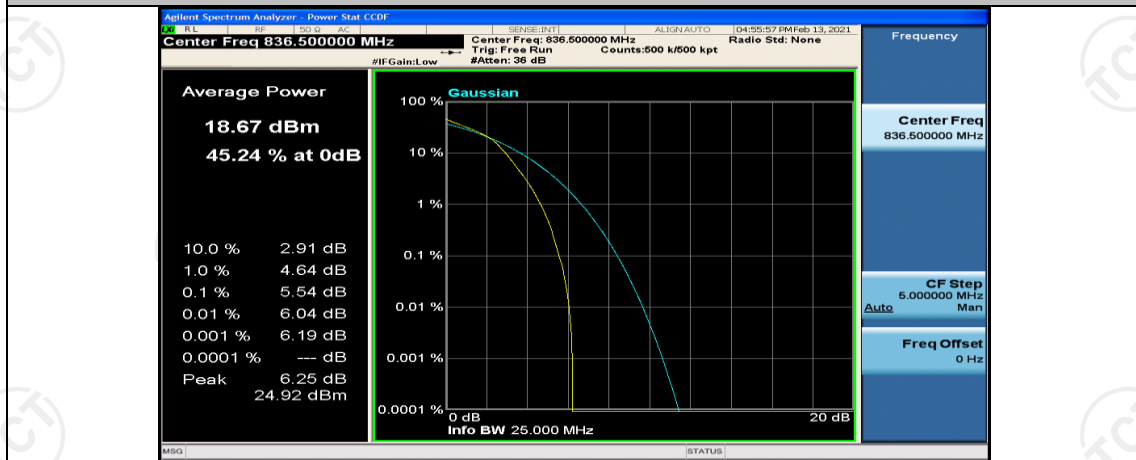


(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0

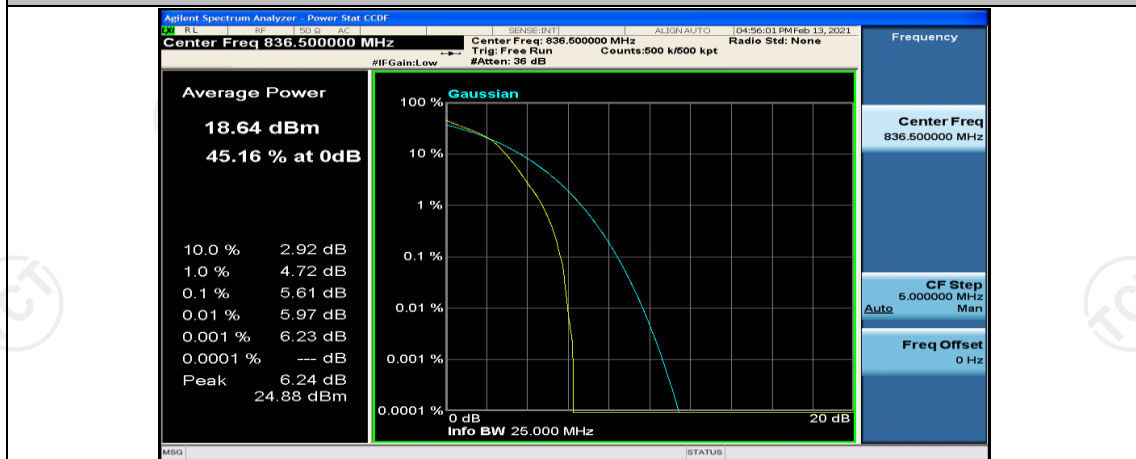




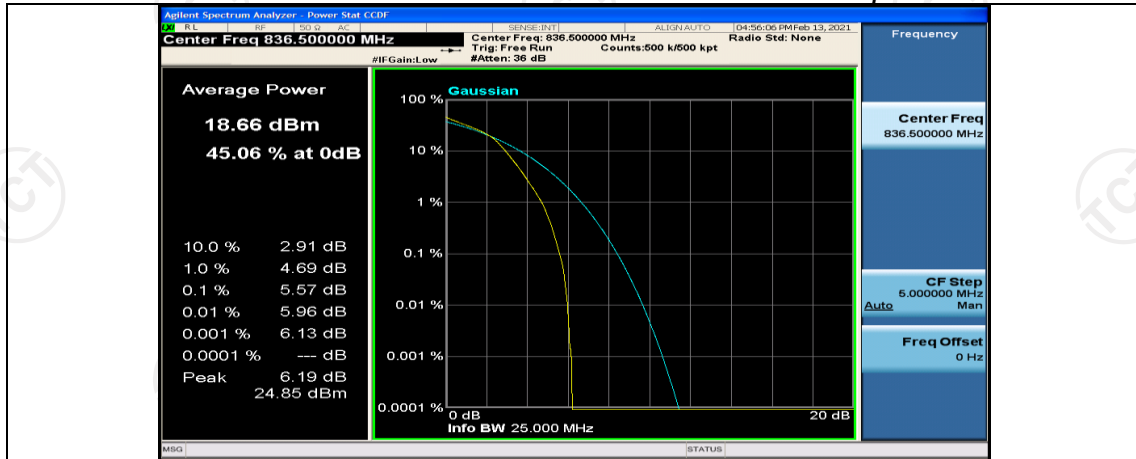
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#0



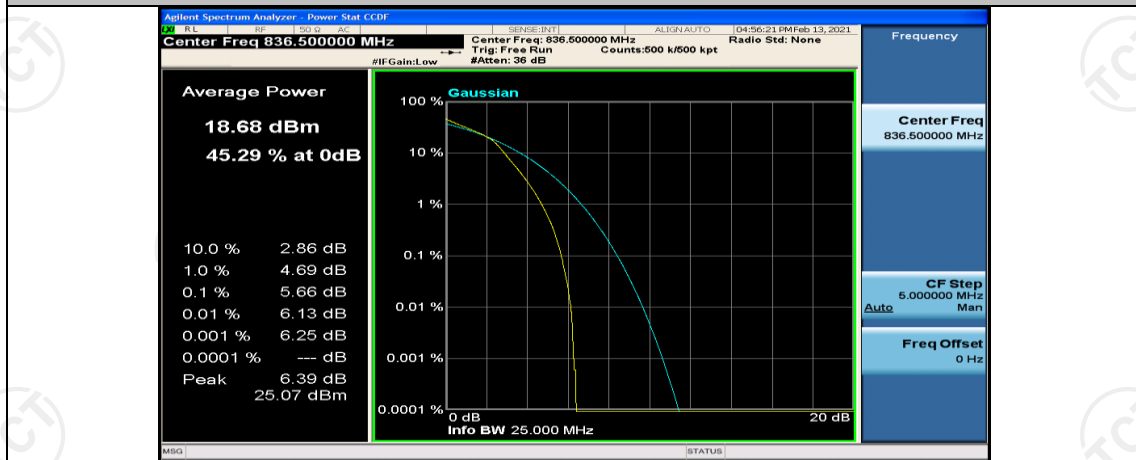
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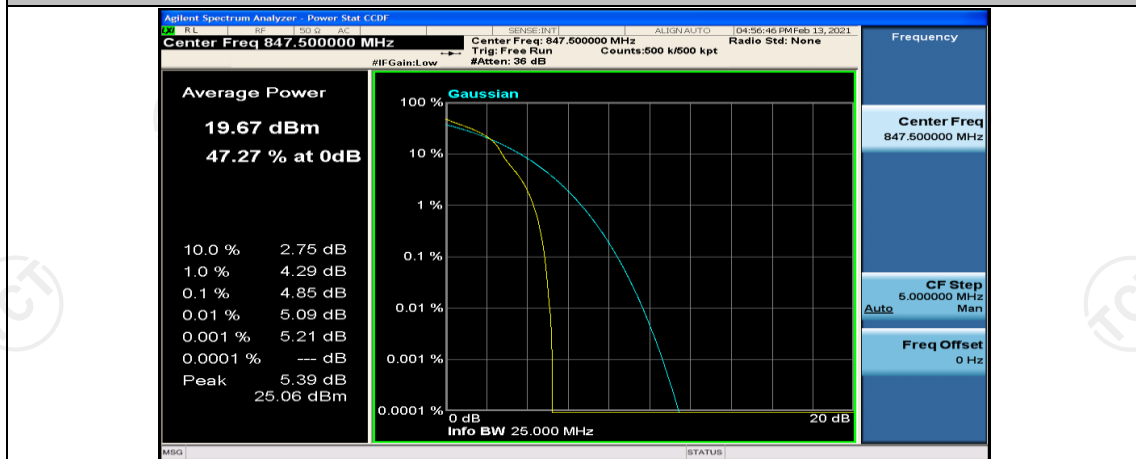
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#7



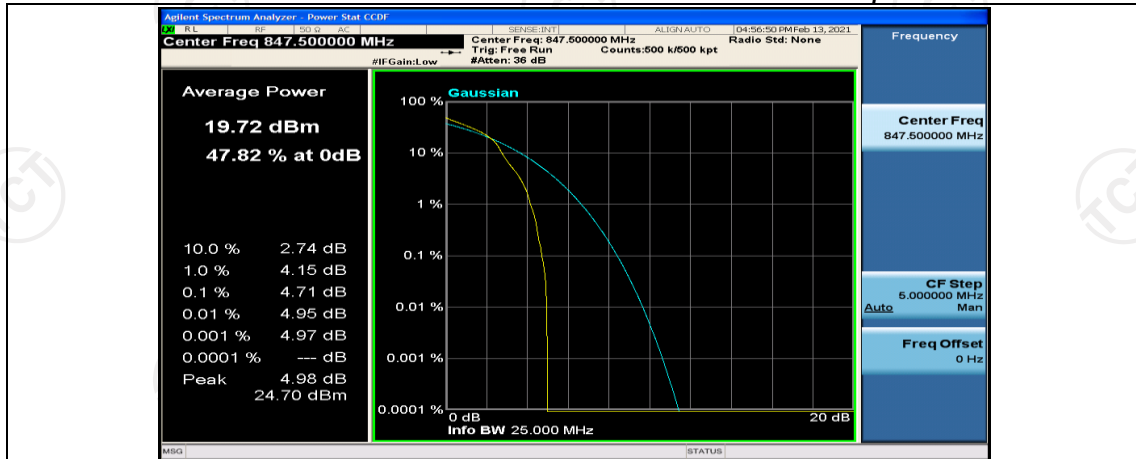
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



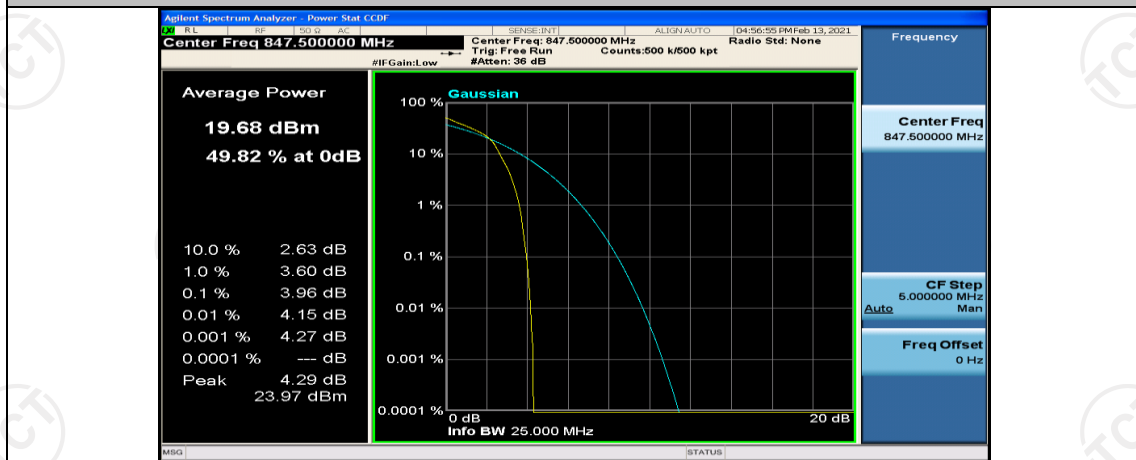
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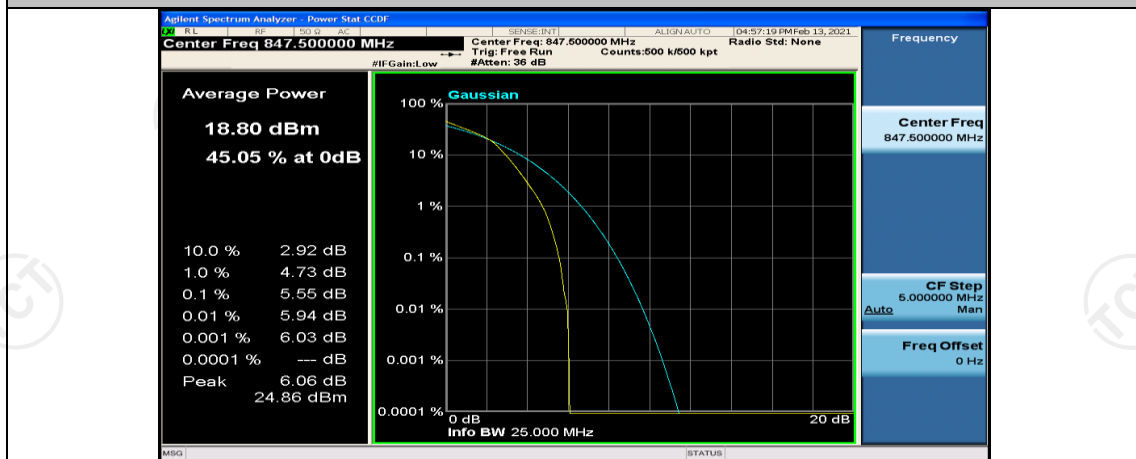
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4