

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	23.07	22.82	PASS
		1	3	22.99	22.74	PASS
		1	5	22.98	22.73	PASS
		3	0	22.61	22.36	PASS
		3	2	22.60	22.35	PASS
		3	3	22.79	22.54	PASS
		6	0	21.51	21.26	PASS
	MCH	1	0	22.48	22.23	PASS
		1	3	22.74	22.49	PASS
		1	5	22.61	22.36	PASS
		3	0	22.46	22.21	PASS
		3	2	22.53	22.28	PASS
		3	3	22.63	22.38	PASS
		6	0	21.54	21.29	PASS
	HCH	1	0	22.50	22.25	PASS
		1	3	22.69	22.44	PASS
		1	5	22.61	22.36	PASS
		3	0	22.55	22.30	PASS
		3	2	22.54	22.29	PASS
		3	3	22.53	22.28	PASS
		6	0	21.42	21.17	PASS
16QAM	LCH	1	0	22.08	21.83	PASS
		1	3	21.99	21.74	PASS
		1	5	21.81	21.56	PASS
		3	0	21.47	21.22	PASS
		3	2	21.46	21.21	PASS
		3	3	21.45	21.20	PASS
		6	0	20.55	20.30	PASS
	MCH	1	0	21.69	21.44	PASS
		1	3	21.77	21.52	PASS
		1	5	21.64	21.39	PASS
		3	0	21.69	21.44	PASS
		3	2	21.26	21.01	PASS

		3	3	21.25	21.00	PASS
		6	0	20.69	20.44	PASS
	HCH	1	0	21.35	21.10	PASS
		1	3	21.71	21.46	PASS
		1	5	21.43	21.18	PASS
		3	0	21.39	21.14	PASS
		3	2	21.38	21.13	PASS
		3	3	21.47	21.22	PASS
		6	0	20.73	20.48	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	22.43	22.18	PASS
		1	7	22.28	22.03	PASS
		1	14	22.51	22.26	PASS
		8	0	21.58	21.33	PASS
		8	4	21.57	21.32	PASS
		8	7	21.56	21.31	PASS
		15	0	21.48	21.23	PASS
	MCH	1	0	22.60	22.35	PASS
		1	7	22.38	22.13	PASS
		1	14	22.68	22.43	PASS
		8	0	21.47	21.22	PASS
		8	4	21.66	21.41	PASS
		8	7	21.61	21.36	PASS
		15	0	21.54	21.29	PASS
	HCH	1	0	22.77	22.52	PASS
		1	7	22.64	22.39	PASS
		1	14	22.75	22.50	PASS
		8	0	21.48	21.23	PASS
		8	4	21.48	21.23	PASS
		8	7	21.64	21.39	PASS
		15	0	21.42	21.17	PASS
16QAM	LCH	1	0	21.28	21.03	PASS
		1	7	20.91	20.66	PASS
		1	14	21.41	21.16	PASS
		8	0	20.78	20.53	PASS
		8	4	20.78	20.53	PASS
		8	7	20.55	20.30	PASS

	MCH	15	0	20.47	20.22	PASS
		1	0	21.32	21.07	PASS
		1	7	21.21	20.96	PASS
		1	14	21.28	21.03	PASS
		8	0	20.77	20.52	PASS
		8	4	20.76	20.51	PASS
		8	7	20.73	20.48	PASS
		15	0	20.33	20.08	PASS
	HCH	1	0	21.43	21.18	PASS
		1	7	21.39	21.14	PASS
		1	14	21.44	21.19	PASS
		8	0	20.51	20.26	PASS
		8	4	20.51	20.26	PASS
		8	7	20.89	20.64	PASS
		15	0	20.42	20.17	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	22.36	22.11	PASS
		1	12	22.34	22.09	PASS
		1	24	22.48	22.23	PASS
		12	0	21.50	21.25	PASS
		12	6	21.50	21.25	PASS
		12	13	21.43	21.18	PASS
		25	0	21.49	21.24	PASS
	MCH	1	0	22.67	22.42	PASS
		1	12	22.50	22.25	PASS
		1	24	22.55	22.30	PASS
		12	0	21.48	21.23	PASS
		12	6	21.47	21.22	PASS
		12	13	21.36	21.11	PASS
		25	0	21.39	21.14	PASS
	HCH	1	0	22.42	22.17	PASS
		1	12	22.59	22.34	PASS
		1	24	22.86	22.61	PASS
		12	0	21.49	21.24	PASS
		12	6	21.48	21.23	PASS
		12	13	21.57	21.32	PASS
		25	0	21.52	21.27	PASS

16QAM	LCH	1	0	21.30	21.05	PASS
		1	12	21.22	20.97	PASS
		1	24	21.49	21.24	PASS
		12	0	20.67	20.42	PASS
		12	6	20.60	20.35	PASS
		12	13	20.39	20.14	PASS
		25	0	20.63	20.38	PASS
	MCH	1	0	21.23	20.98	PASS
		1	12	21.16	20.91	PASS
		1	24	21.15	20.90	PASS
		12	0	20.53	20.28	PASS
		12	6	20.46	20.21	PASS
		12	13	20.53	20.28	PASS
		25	0	20.66	20.41	PASS
	HCH	1	0	21.12	20.87	PASS
		1	12	21.09	20.84	PASS
		1	24	21.33	21.08	PASS
		12	0	20.37	20.12	PASS
		12	6	20.36	20.11	PASS
		12	13	20.78	20.53	PASS
		25	0	20.63	20.38	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	22.39	22.14	PASS
		1	24	22.77	22.52	PASS
		1	49	22.97	22.72	PASS
		25	0	21.49	21.24	PASS
		25	12	21.49	21.24	PASS
		25	25	21.47	21.22	PASS
		50	0	21.58	21.33	PASS
	MCH	1	0	22.45	22.20	PASS
		1	24	22.59	22.34	PASS
		1	49	22.34	22.09	PASS
		25	0	21.59	21.34	PASS
		25	12	21.58	21.33	PASS
		25	25	21.52	21.27	PASS
		50	0	21.54	21.29	PASS
	HCH	1	0	22.58	22.33	PASS

		1	24	22.41	22.16	PASS
		1	49	22.90	22.65	PASS
		25	0	21.53	21.28	PASS
		25	12	21.62	21.37	PASS
		25	25	21.64	21.39	PASS
		50	0	21.56	21.31	PASS
16QAM	LCH	1	0	21.67	21.42	PASS
		1	24	21.42	21.17	PASS
		1	49	21.72	21.47	PASS
		25	0	20.51	20.26	PASS
		25	12	20.49	20.24	PASS
		25	25	20.52	20.27	PASS
		50	0	20.60	20.35	PASS
	MCH	1	0	21.61	21.36	PASS
		1	24	22.08	21.83	PASS
		1	49	21.38	21.13	PASS
		25	0	20.54	20.29	PASS
		25	12	20.54	20.29	PASS
		25	25	20.91	20.66	PASS
		50	0	20.58	20.33	PASS
	HCH	1	0	21.03	20.78	PASS
		1	24	21.86	21.61	PASS
		1	49	21.79	21.54	PASS
		25	0	20.57	20.32	PASS
		25	12	20.57	20.32	PASS
		25	25	20.69	20.44	PASS
		50	0	20.68	20.43	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	4.2	<13	PASS
		1	3	4.14	<13	PASS
		1	5	4.26	<13	PASS
		3	0	4.45	<13	PASS
		3	2	8.35	<13	PASS
		3	3	4.42	<13	PASS
		6	0	4.83	<13	PASS
	MCH	1	0	4.54	<13	PASS
		1	3	4.41	<13	PASS
		1	5	4.49	<13	PASS
		3	0	4.72	<13	PASS
		3	2	4.72	<13	PASS
		3	3	4.71	<13	PASS
		6	0	4.99	<13	PASS
	HCH	1	0	4.87	<13	PASS
		1	3	4.62	<13	PASS
		1	5	4.77	<13	PASS
		3	0	4.96	<13	PASS
		3	2	4.96	<13	PASS
		3	3	4.99	<13	PASS
		6	0	5.28	<13	PASS
16QAM	LCH	1	0	5.1	<13	PASS
		1	3	5.11	<13	PASS
		1	5	5.13	<13	PASS
		3	0	5.26	<13	PASS
		3	2	5.23	<13	PASS
		3	3	5.24	<13	PASS
		6	0	5.57	<13	PASS
	MCH	1	0	5.29	<13	PASS
		1	3	5.23	<13	PASS
		1	5	5.43	<13	PASS

		3	0	5.59	<13	PASS
		3	2	5.6	<13	PASS
		3	3	5.61	<13	PASS
		6	0	5.8	<13	PASS
	HCH	1	0	5.66	<13	PASS
		1	3	5.5	<13	PASS
		1	5	5.63	<13	PASS
		3	0	5.85	<13	PASS
		3	2	8.44	<13	PASS
		3	3	5.82	<13	PASS
		6	0	6.06	<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	4.28	<13	PASS
		1	7	4.19	<13	PASS
		1	14	4.45	<13	PASS
		8	0	4.61	<13	PASS
		8	4	4.62	<13	PASS
		8	7	4.68	<13	PASS
		15	0	4.9	<13	PASS
	MCH	1	0	4.55	<13	PASS
		1	7	4.35	<13	PASS
		1	14	4.54	<13	PASS
		8	0	4.79	<13	PASS
		8	4	4.82	<13	PASS
		8	7	4.76	<13	PASS
		15	0	5.07	<13	PASS
	HCH	1	0	4.73	<13	PASS
		1	7	4.57	<13	PASS
		1	14	4.79	<13	PASS
		8	0	4.95	<13	PASS
		8	4	4.94	<13	PASS
		8	7	4.98	<13	PASS
		15	0	5.28	<13	PASS
16QAM	LCH	1	0	5.09	<13	PASS
		1	7	4.92	<13	PASS
		1	14	5.27	<13	PASS
		8	0	5.4	<13	PASS

		8	4	5.42	<13	PASS
		8	7	5.48	<13	PASS
		15	0	5.65	<13	PASS
	MCH	1	0	5.34	<13	PASS
		1	7	5.26	<13	PASS
		1	14	5.23	<13	PASS
		8	0	5.66	<13	PASS
		8	4	5.65	<13	PASS
		8	7	5.66	<13	PASS
		15	0	5.87	<13	PASS
	HCH	1	0	5.49	<13	PASS
		1	7	5.16	<13	PASS
		1	14	5.62	<13	PASS
		8	0	5.71	<13	PASS
		8	4	5.77	<13	PASS
		8	7	5.8	<13	PASS
		15	0	6.07	<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	4.24	<13	PASS
		1	12	4.27	<13	PASS
		1	24	4.44	<13	PASS
		12	0	8.37	<13	PASS
		12	6	4.6	<13	PASS
		12	13	4.67	<13	PASS
		25	0	4.92	<13	PASS
	MCH	1	0	4.49	<13	PASS
		1	12	4.56	<13	PASS
		1	24	4.45	<13	PASS
		12	0	4.74	<13	PASS
		12	6	4.72	<13	PASS
		12	13	4.7	<13	PASS
		25	0	5.07	<13	PASS
	HCH	1	0	4.53	<13	PASS
		1	12	4.56	<13	PASS
		1	24	4.69	<13	PASS
		12	0	4.84	<13	PASS
		12	6	4.85	<13	PASS

16QAM		12	13	4.9	<13	PASS
		25	0	5.26	<13	PASS
	LCH	1	0	5.15	<13	PASS
		1	12	5.08	<13	PASS
		1	24	5.25	<13	PASS
		12	0	5.43	<13	PASS
		12	6	5.41	<13	PASS
		12	13	5.48	<13	PASS
		25	0	5.72	<13	PASS
		25	0	5.72	<13	PASS
	MCH	1	0	5.15	<13	PASS
		1	12	5.1	<13	PASS
		1	24	5.2	<13	PASS
		12	0	5.57	<13	PASS
		12	6	5.56	<13	PASS
		12	13	5.56	<13	PASS
		25	0	5.79	<13	PASS
		25	0	5.79	<13	PASS
	HCH	1	0	5.21	<13	PASS
		1	12	5.23	<13	PASS
		1	24	5.38	<13	PASS
		12	0	5.6	<13	PASS
		12	6	5.61	<13	PASS
		12	13	5.75	<13	PASS
		25	0	5.94	<13	PASS
		25	0	5.94	<13	PASS

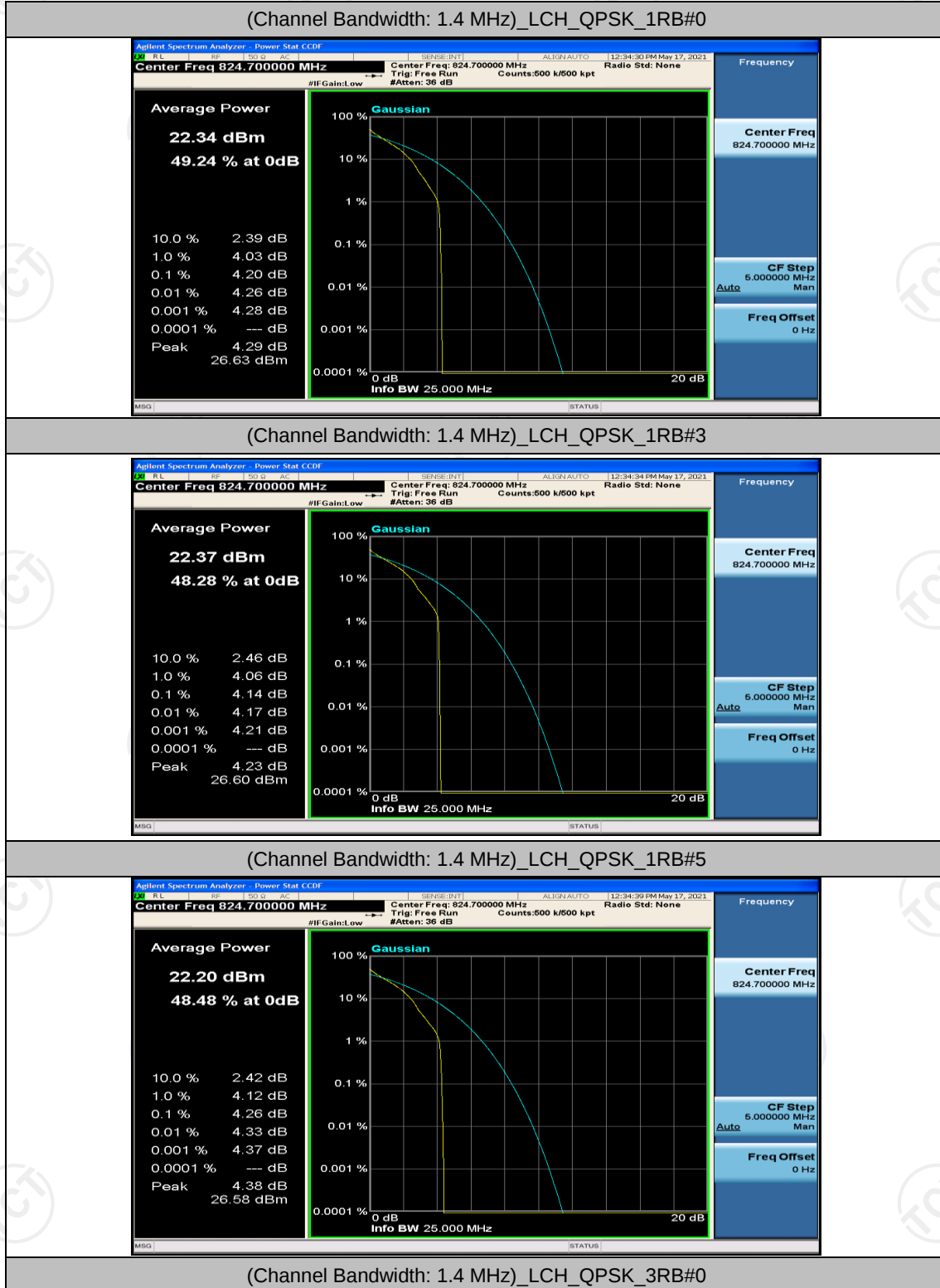
Channel Bandwidth: 10 MHz

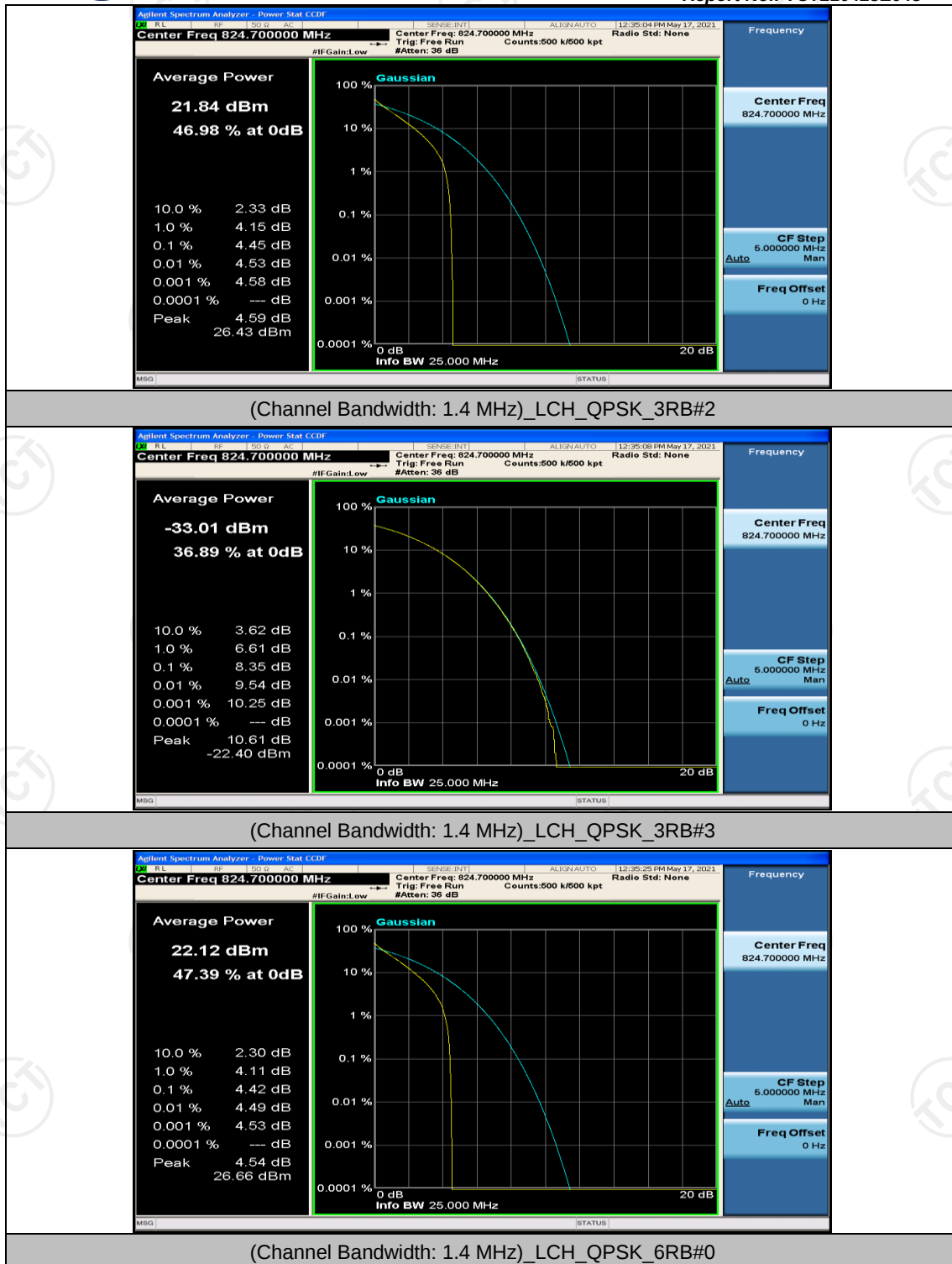
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.3	<13	PASS
		1	24	4.4	<13	PASS
		1	49	4.49	<13	PASS
		25	0	4.66	<13	PASS
		25	12	4.66	<13	PASS
		25	25	4.77	<13	PASS
		50	0	5.07	<13	PASS
		50	0	5.07	<13	PASS
	MCH	1	0	4.47	<13	PASS
		1	24	4.42	<13	PASS
		1	49	4.47	<13	PASS
		25	0	4.73	<13	PASS
		25	12	4.74	<13	PASS
		25	25	4.76	<13	PASS

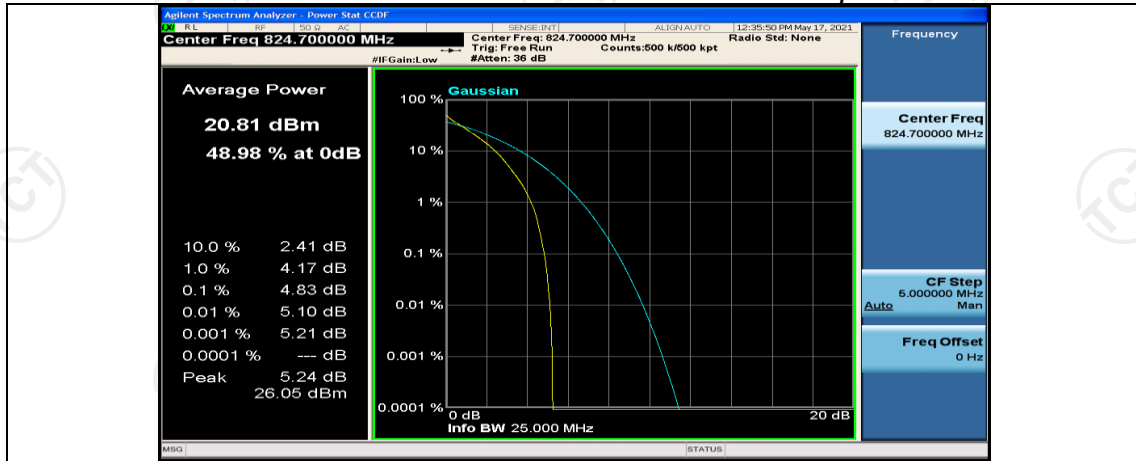
	HCH	50	0	5.01	<13	PASS
		1	0	4.46	<13	PASS
		1	24	4.49	<13	PASS
		1	49	4.7	<13	PASS
		25	0	8.34	<13	PASS
		25	12	4.75	<13	PASS
		25	25	4.89	<13	PASS
		50	0	5.16	<13	PASS
16QAM	LCH	1	0	4.93	<13	PASS
		1	24	5.22	<13	PASS
		1	49	5.37	<13	PASS
		25	0	5.5	<13	PASS
		25	12	5.49	<13	PASS
		25	25	5.62	<13	PASS
		50	0	5.83	<13	PASS
	MCH	1	0	5.18	<13	PASS
		1	24	5.11	<13	PASS
		1	49	5.24	<13	PASS
		25	0	5.59	<13	PASS
		25	12	5.59	<13	PASS
		25	25	5.62	<13	PASS
		50	0	5.84	<13	PASS
	HCH	1	0	5.25	<13	PASS
		1	24	5.31	<13	PASS
		1	49	5.38	<13	PASS
		25	0	5.6	<13	PASS
		25	12	5.61	<13	PASS
		25	25	5.74	<13	PASS
		50	0	5.9	<13	PASS

Test Graphs

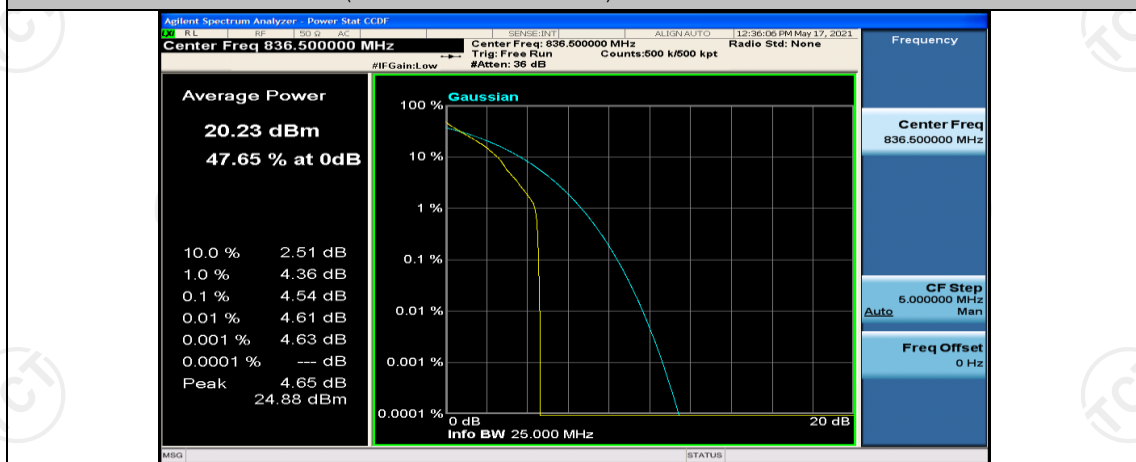
Channel Bandwidth: 1.4 MHz



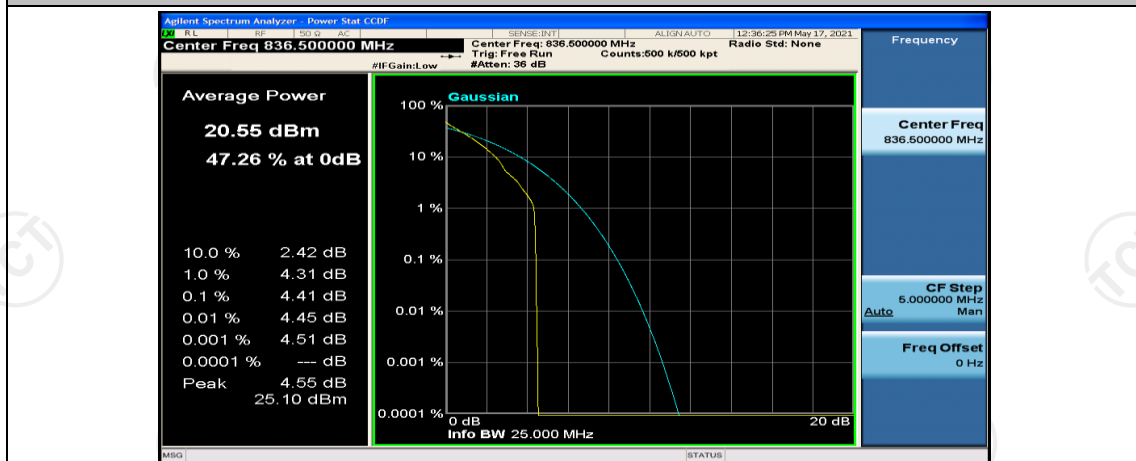




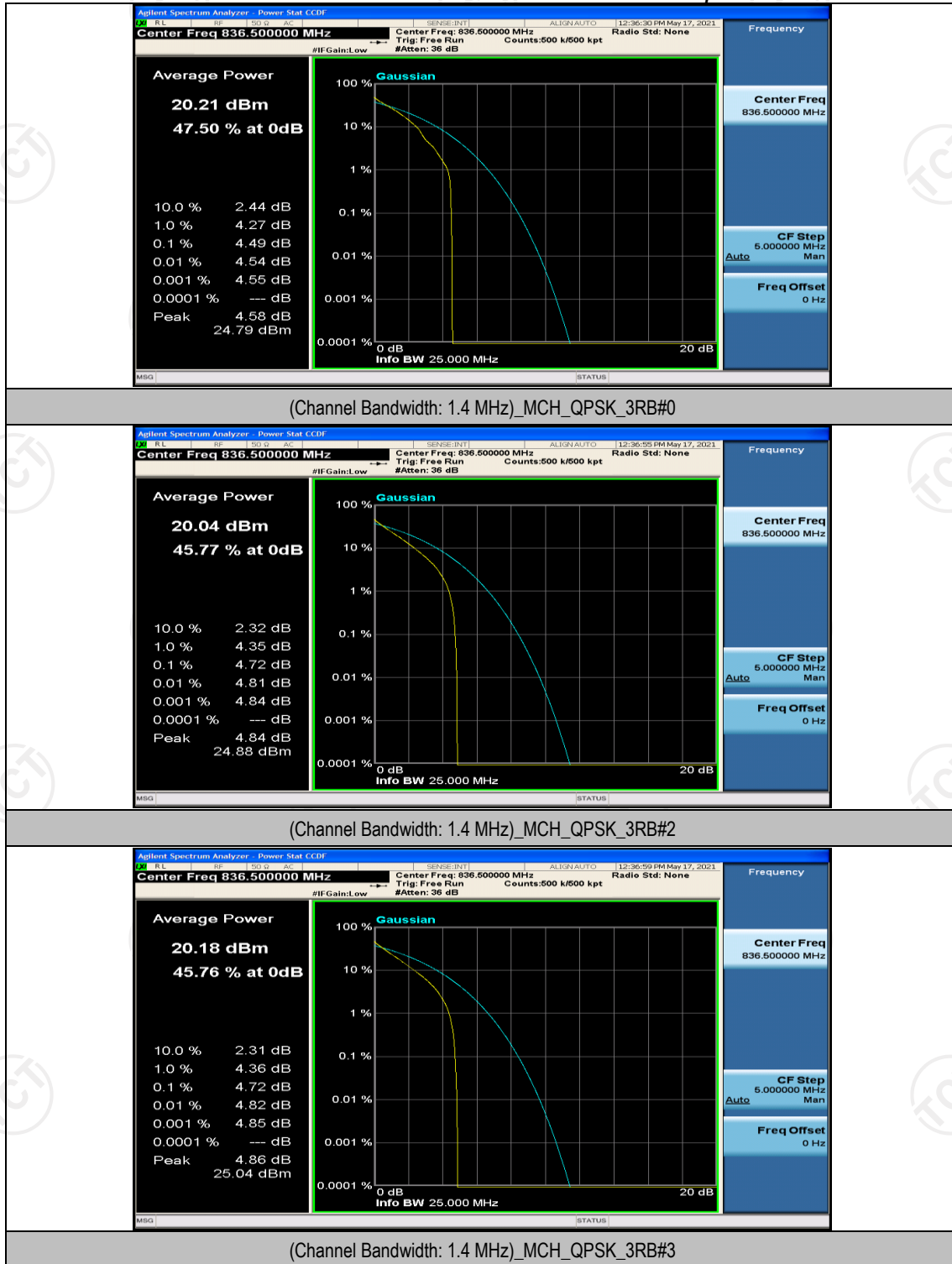
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

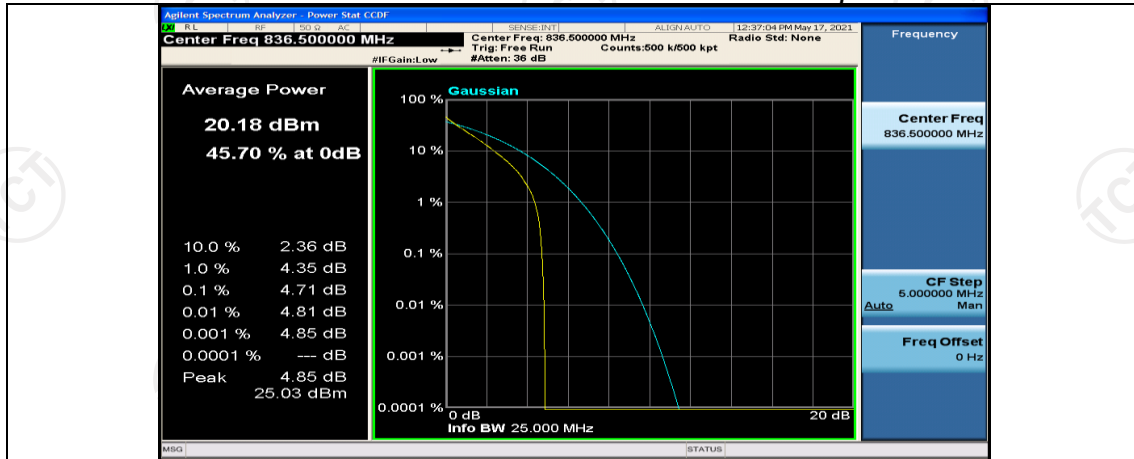


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

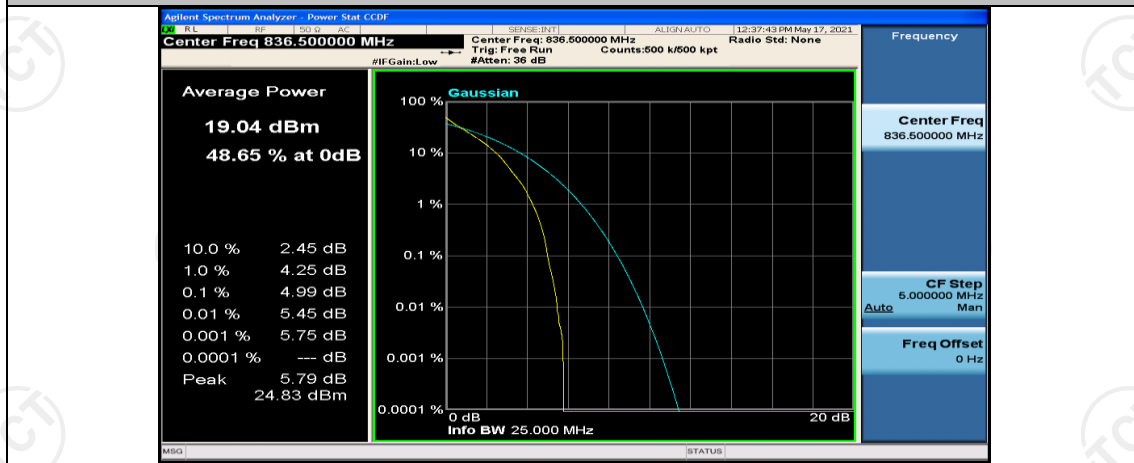


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

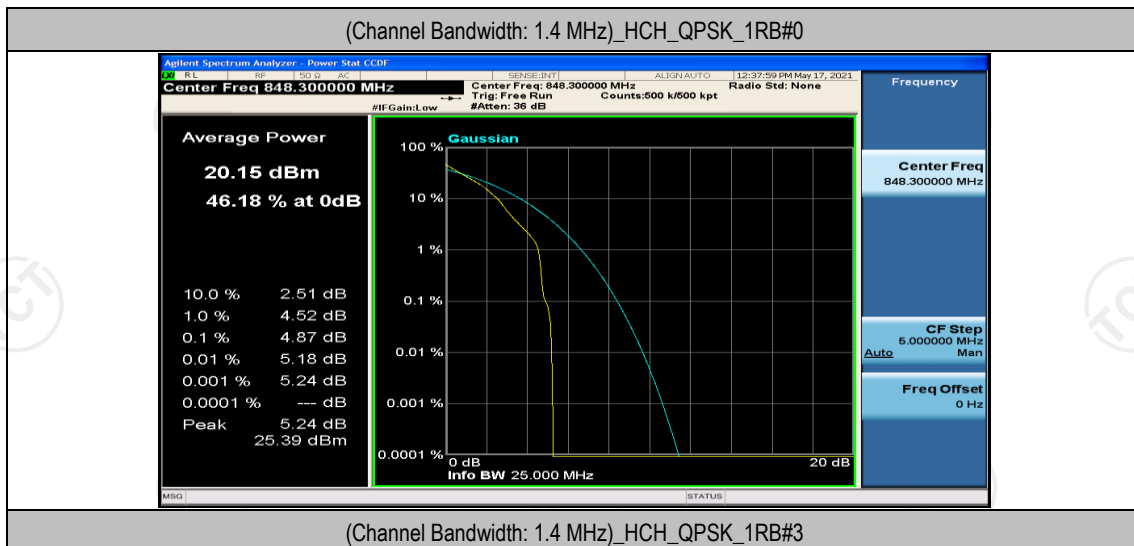




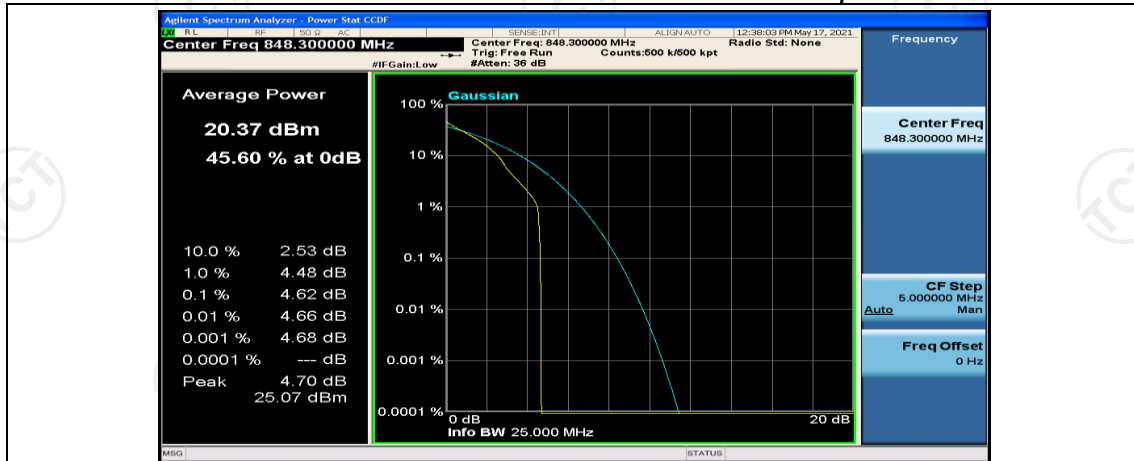
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



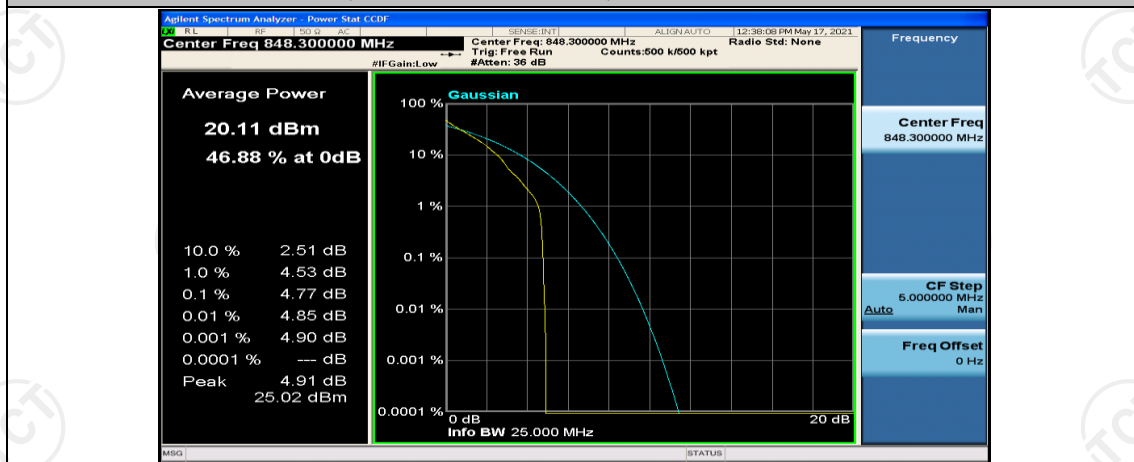
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



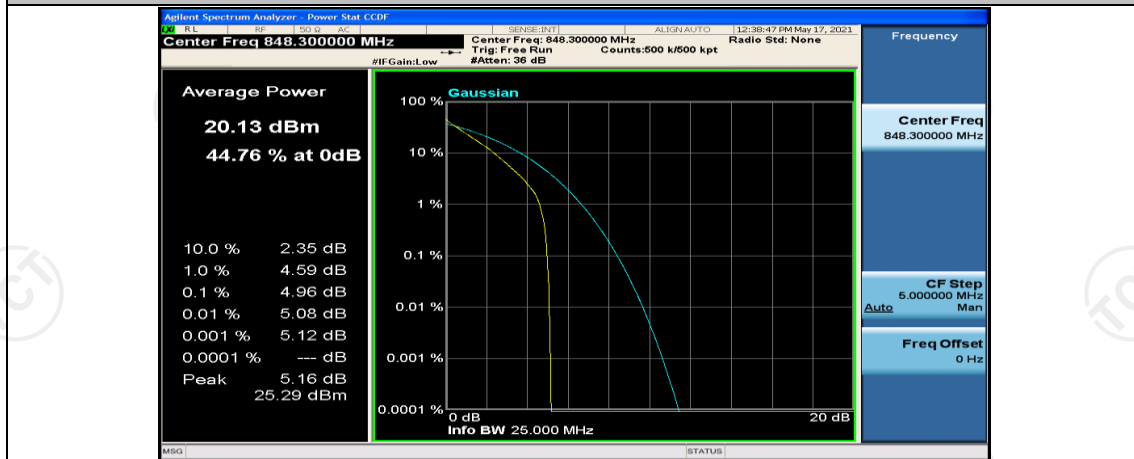
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



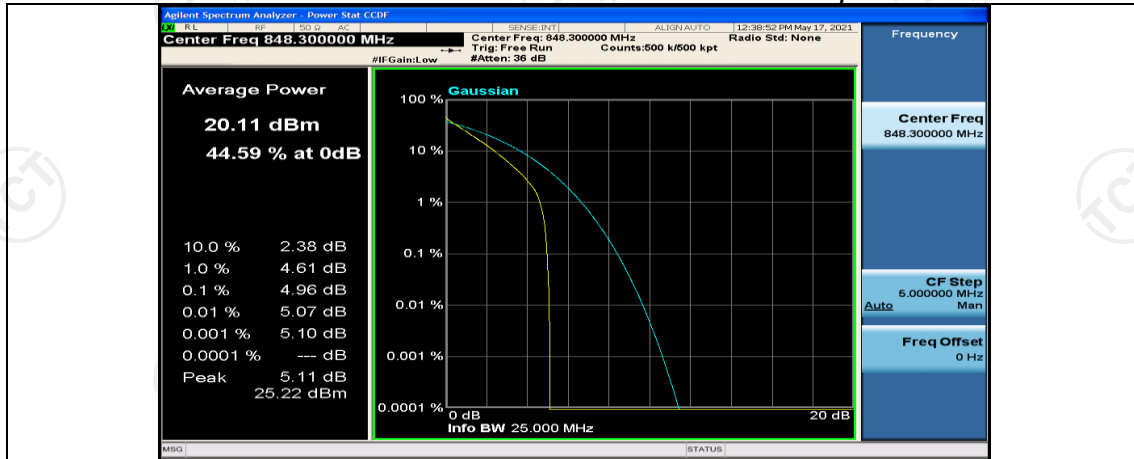
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



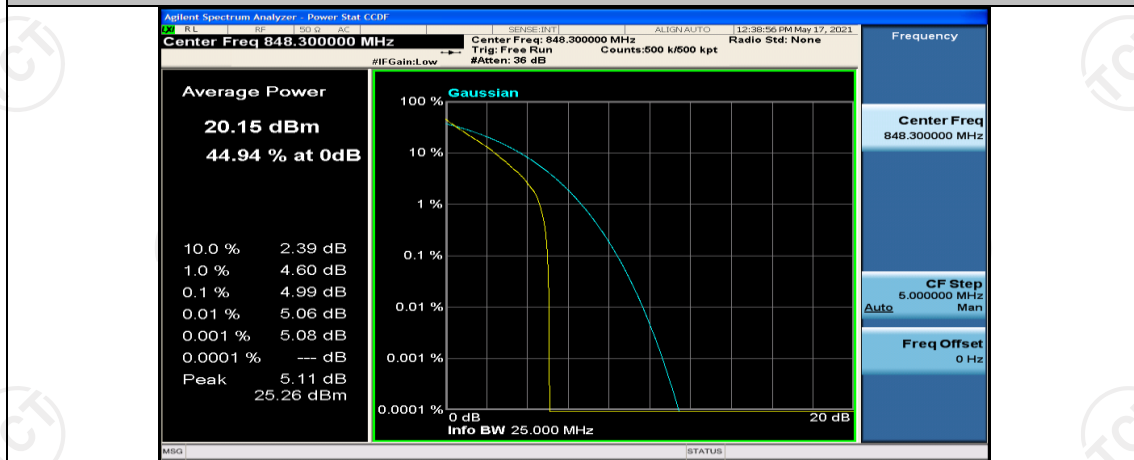
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



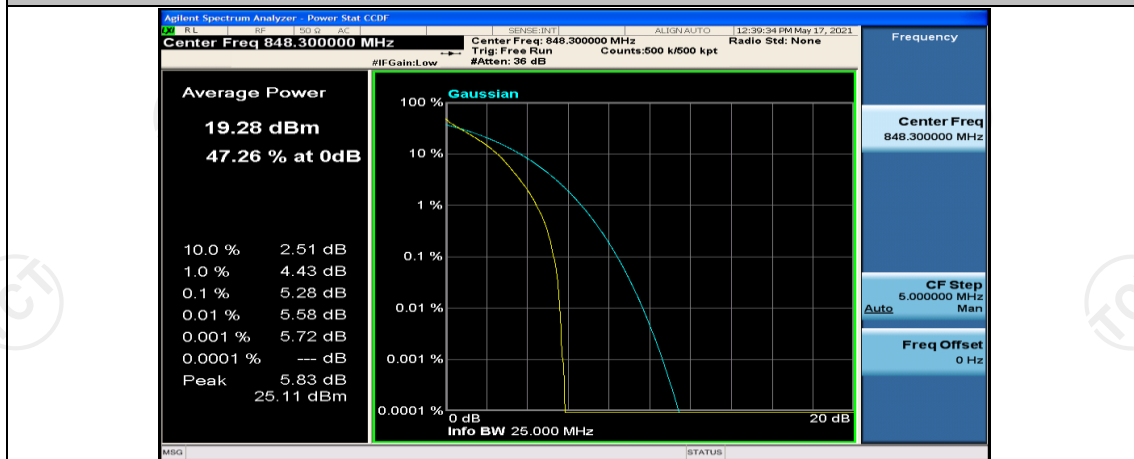
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



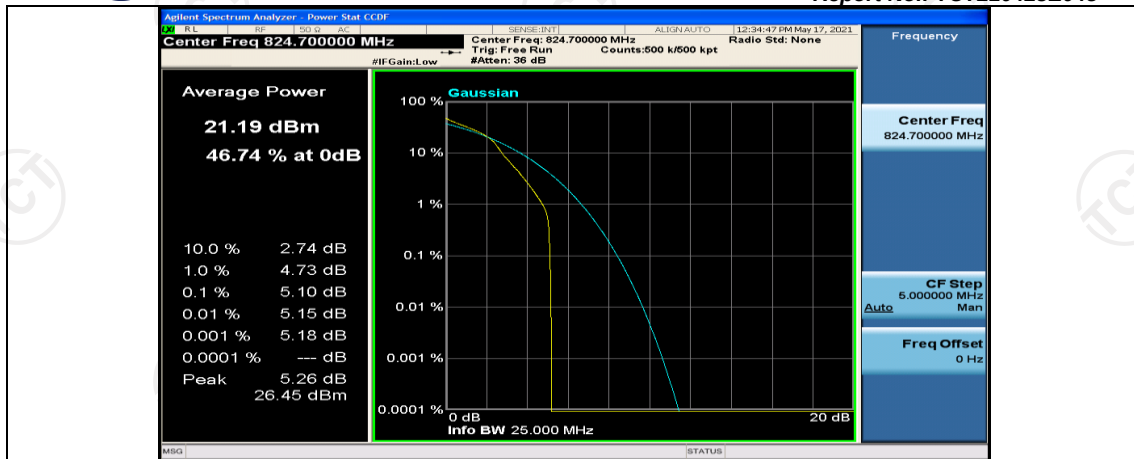
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



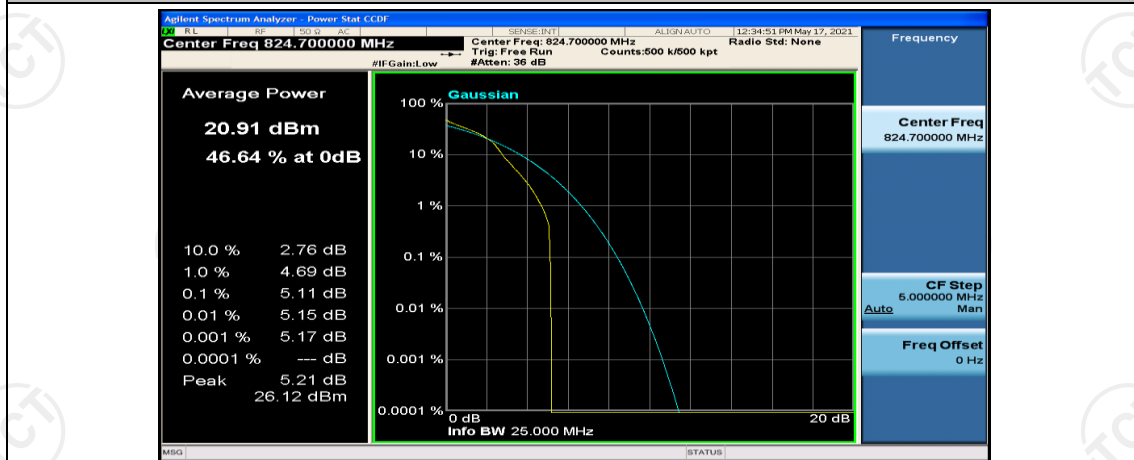
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



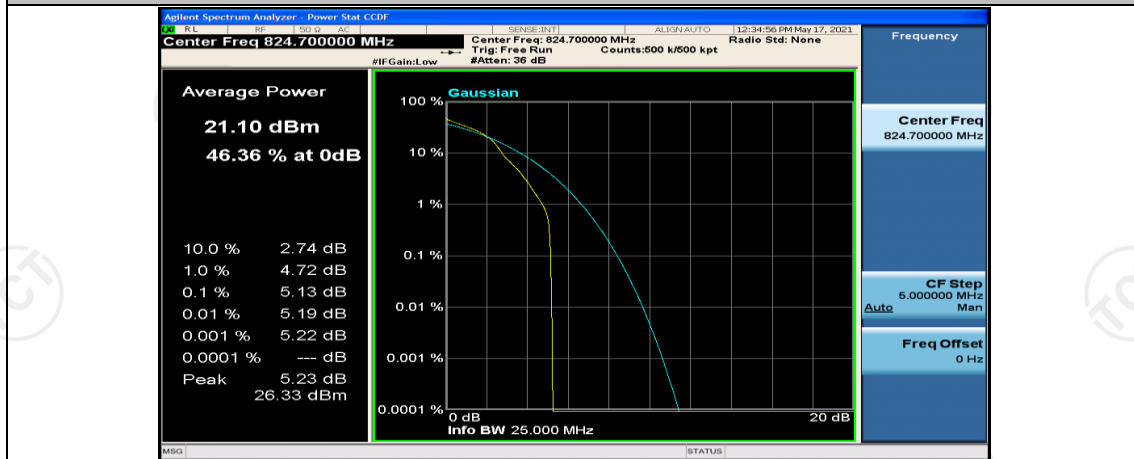
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



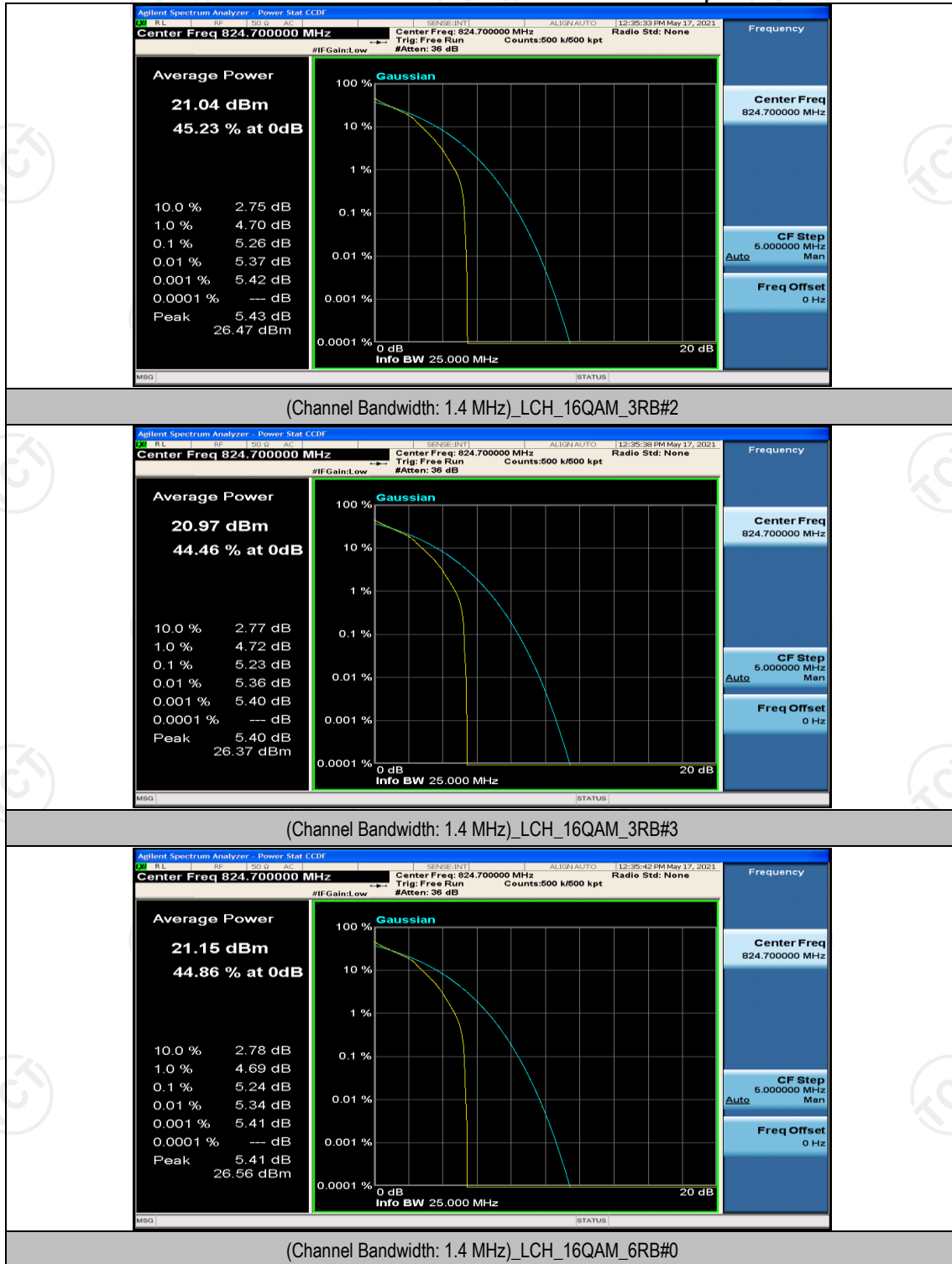
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3

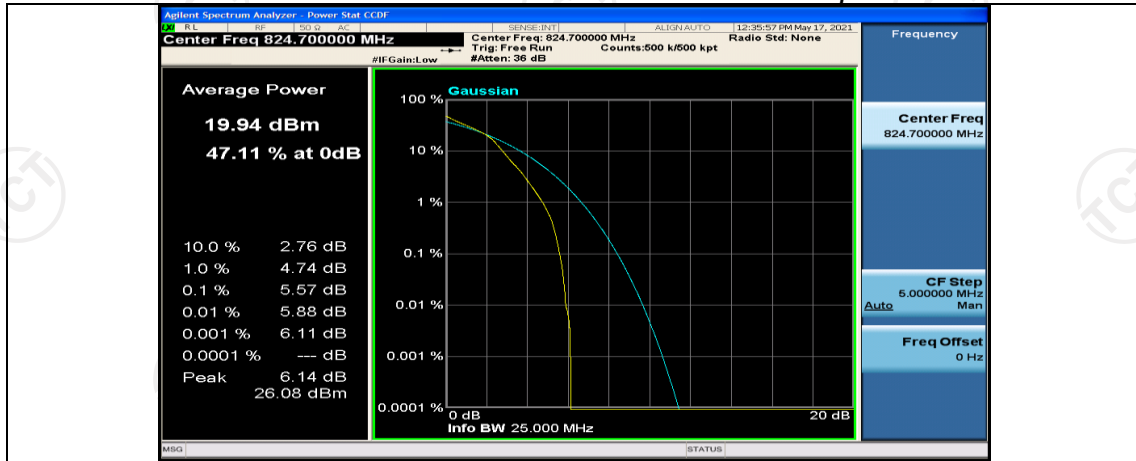


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5

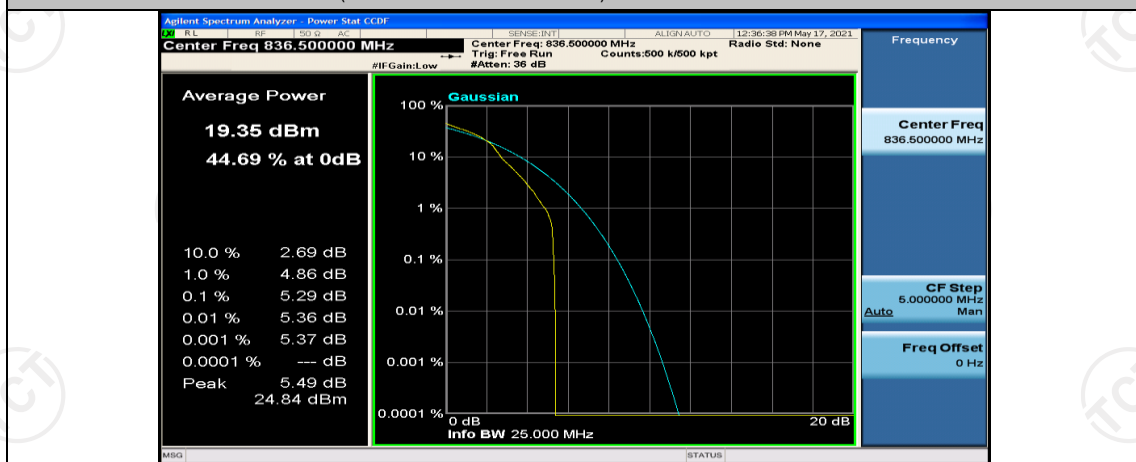


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0

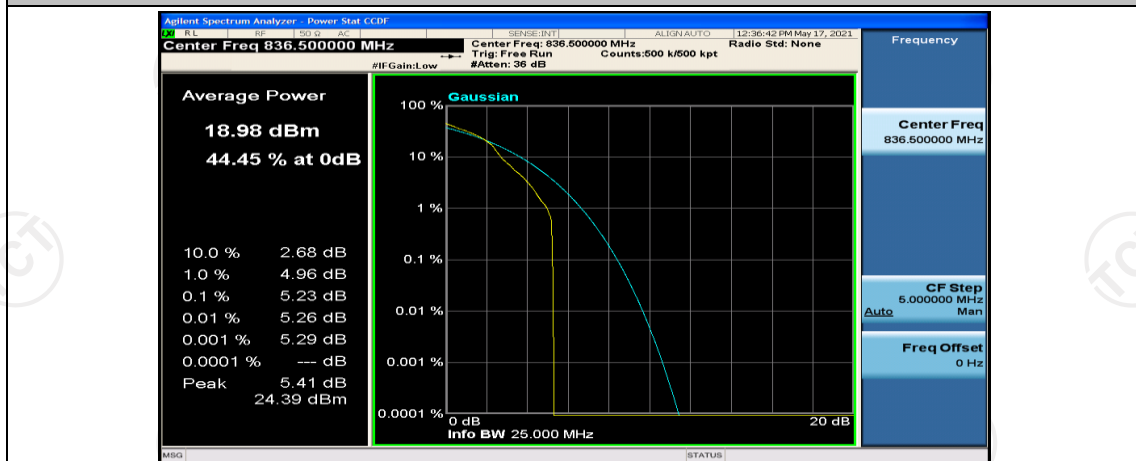




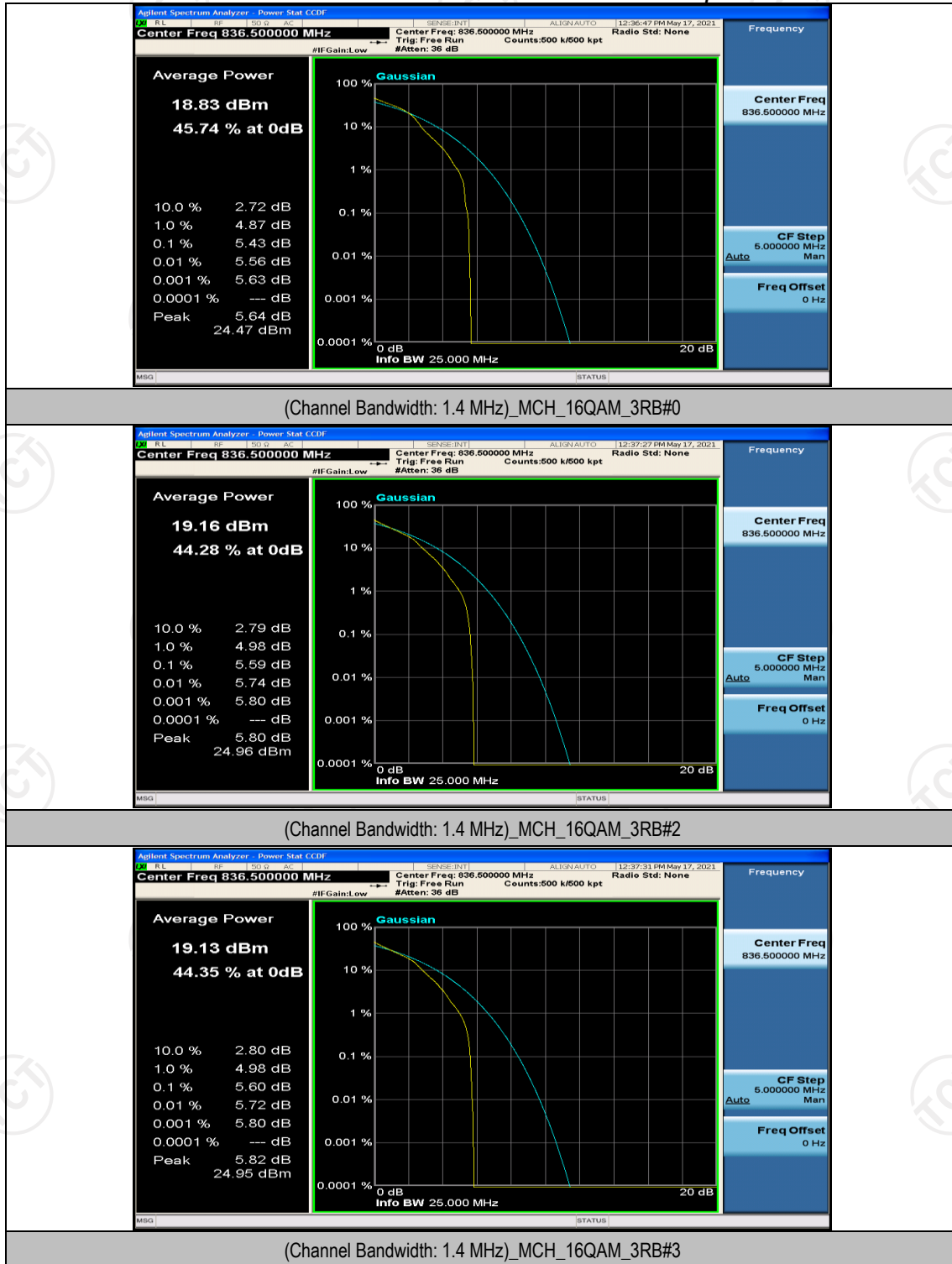
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

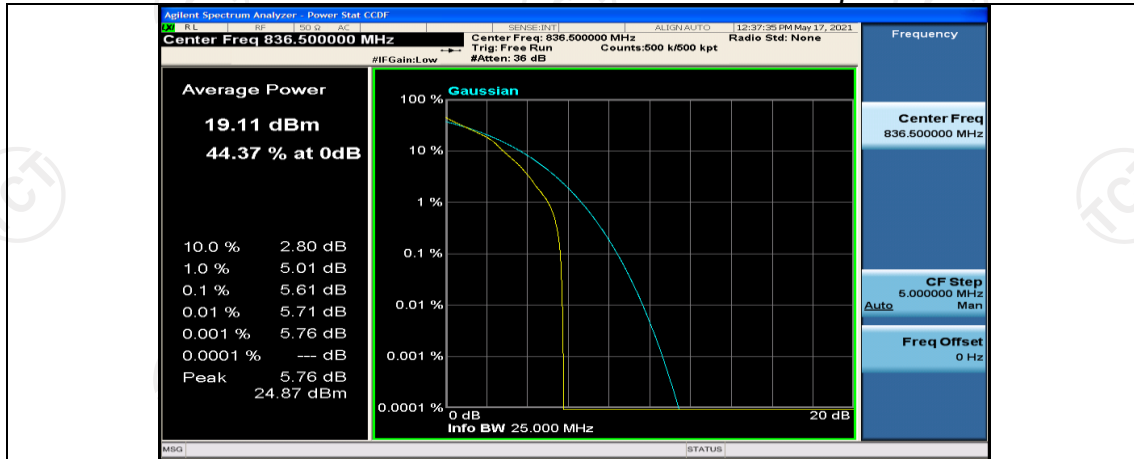


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

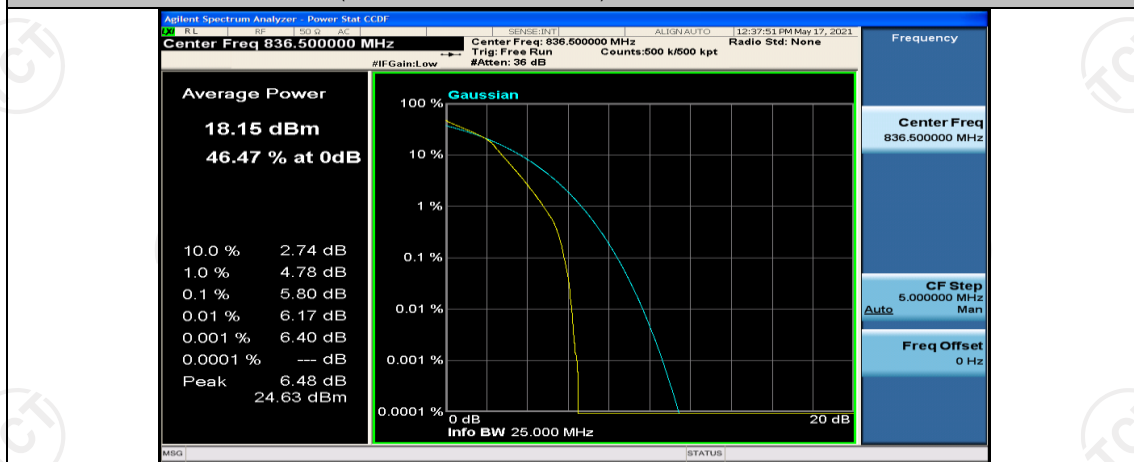


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5

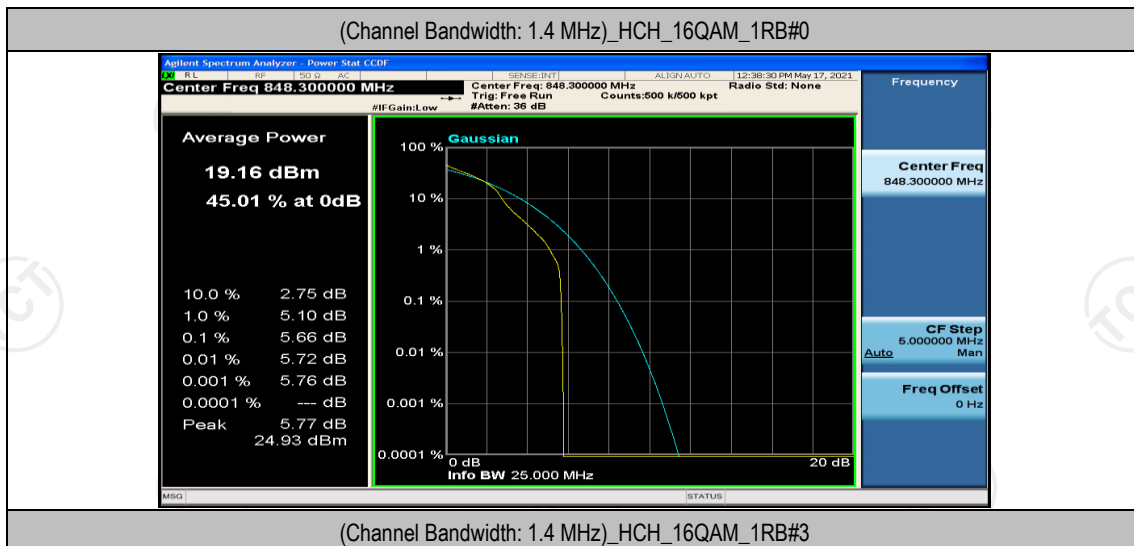




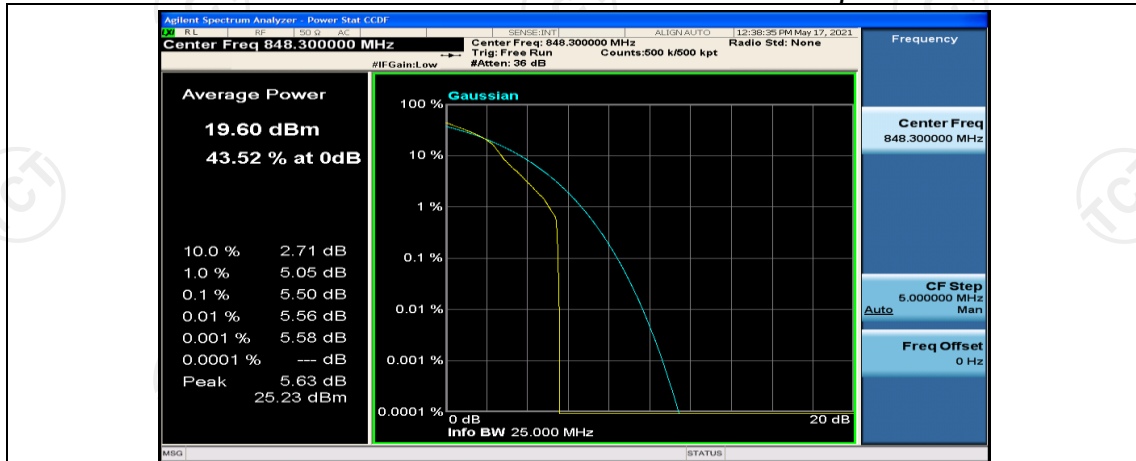
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



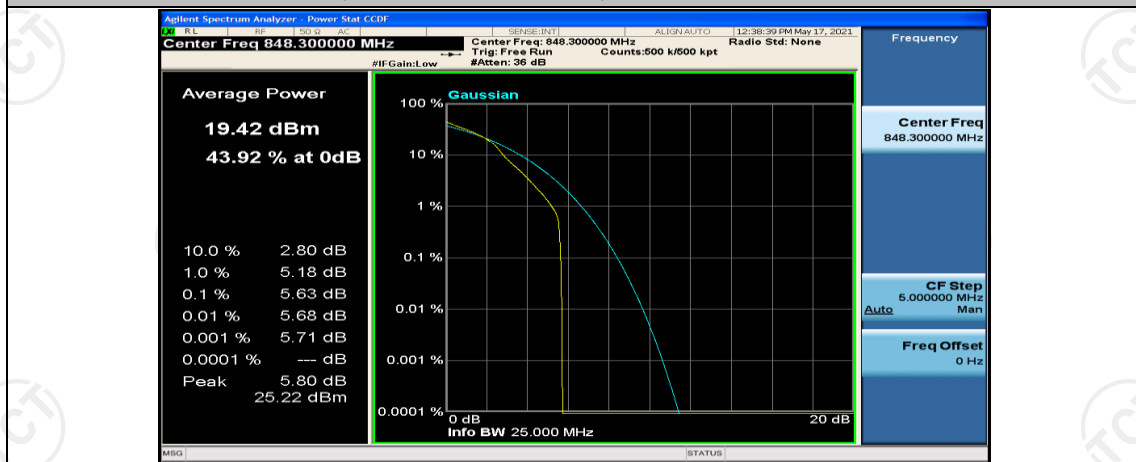
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



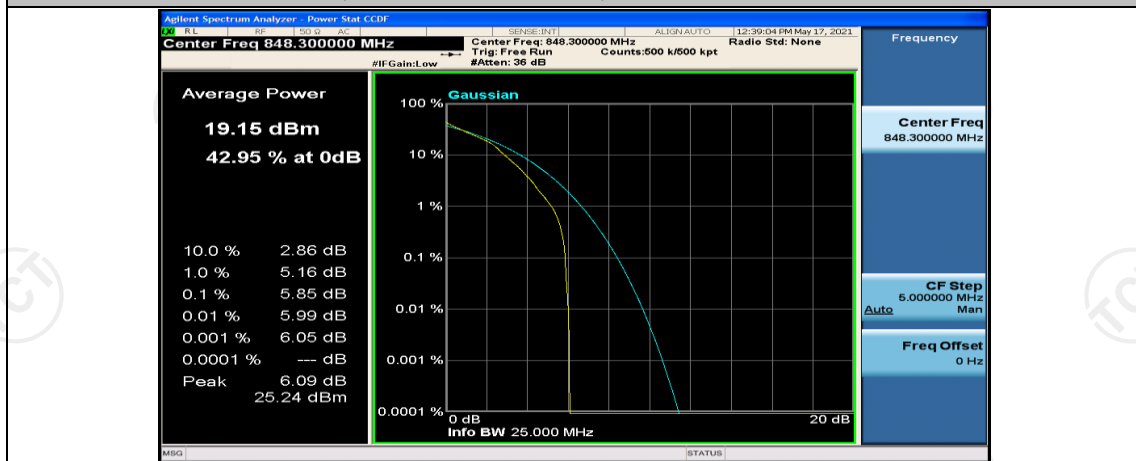
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



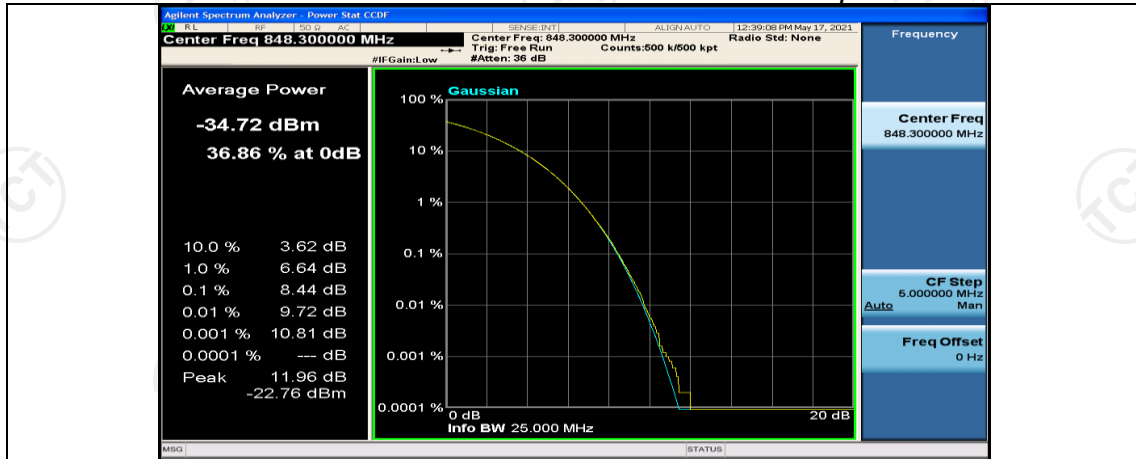
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



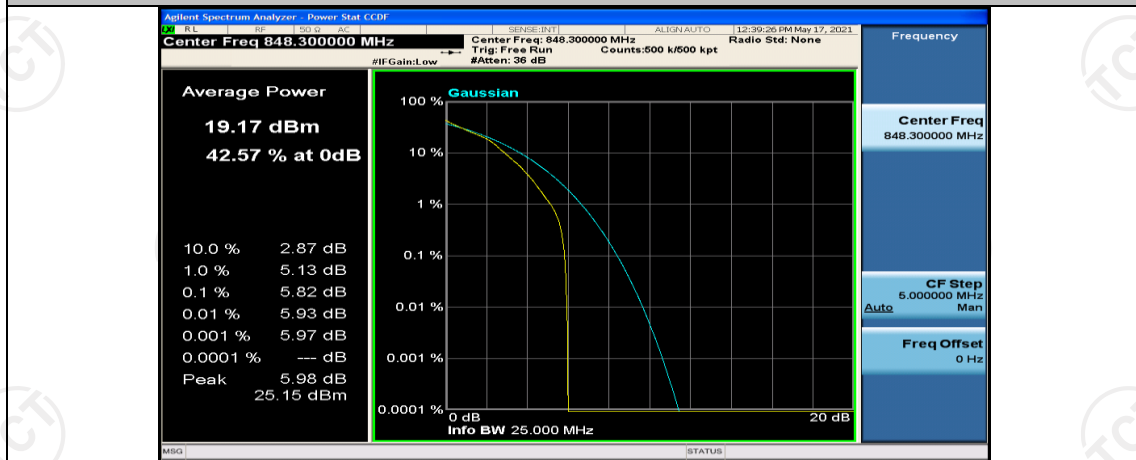
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



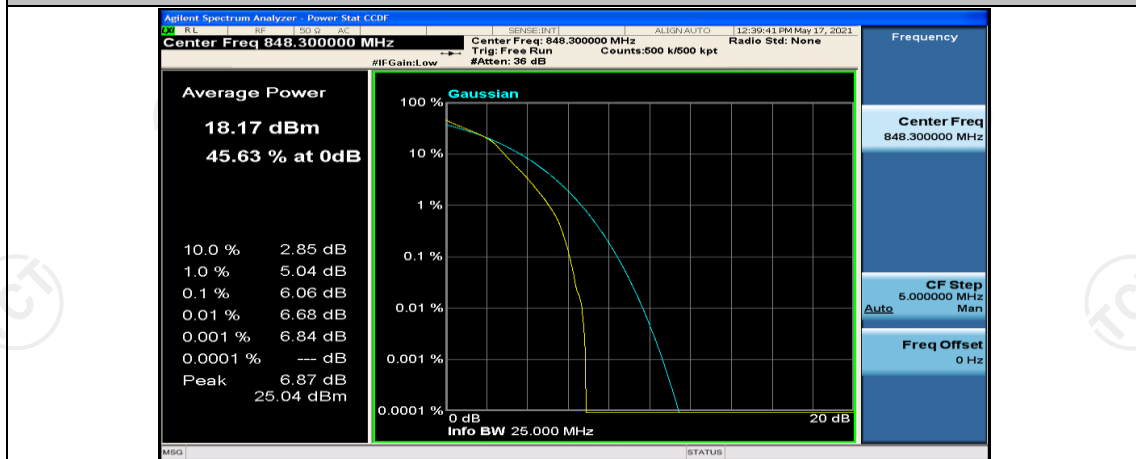
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

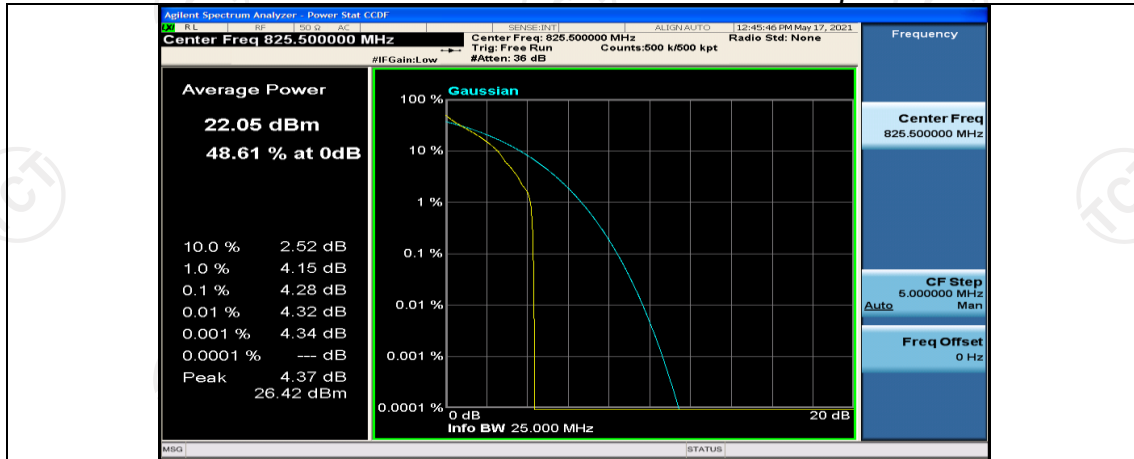


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

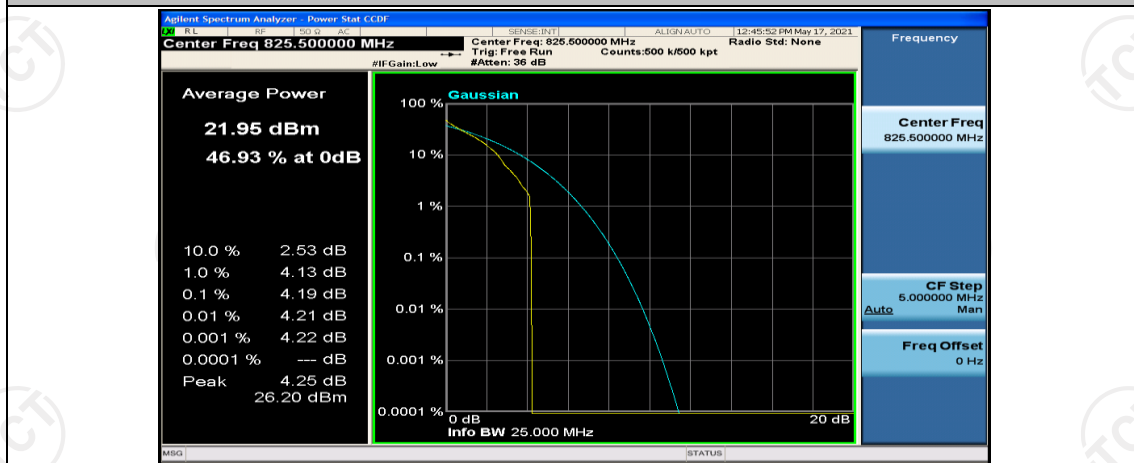


Channel Bandwidth: 3 MHz

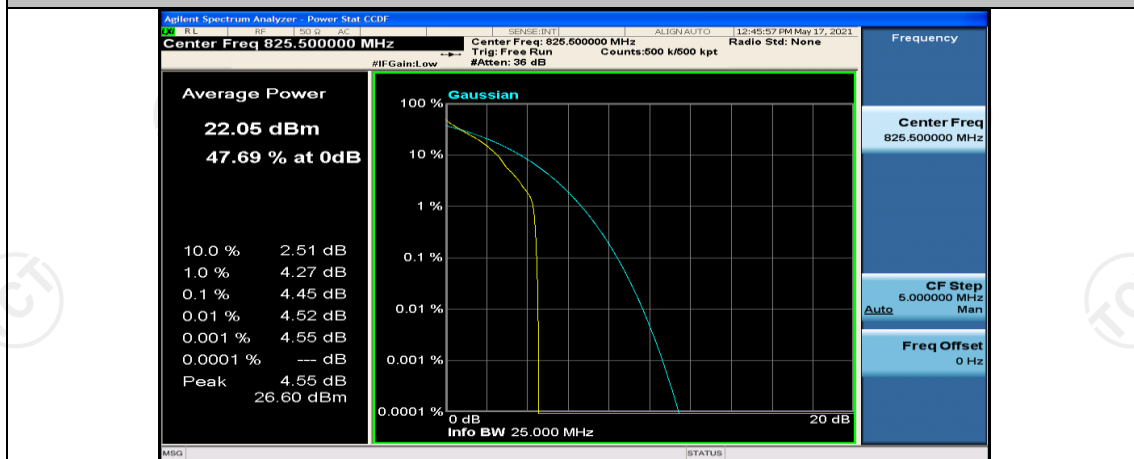
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



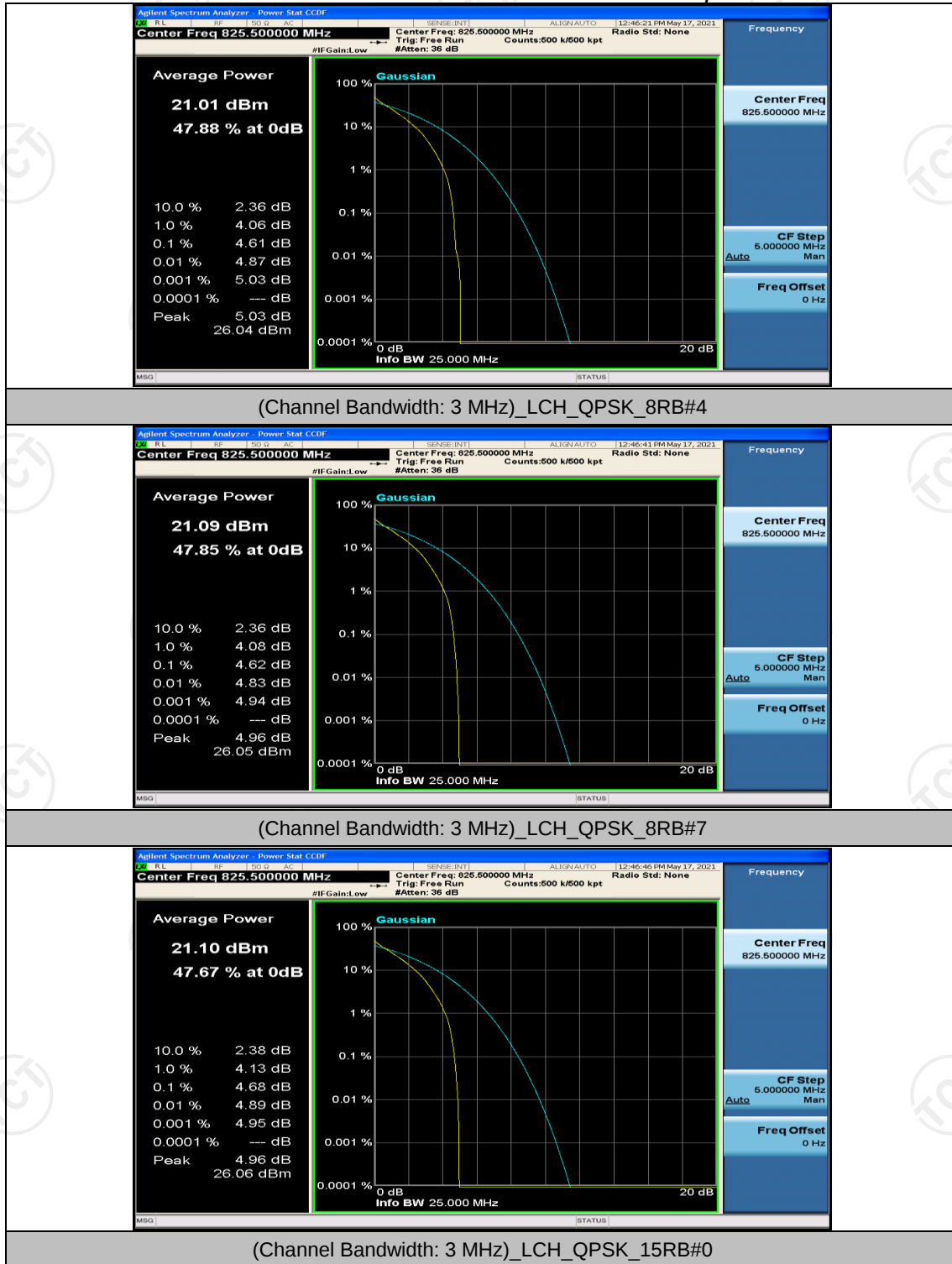
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7

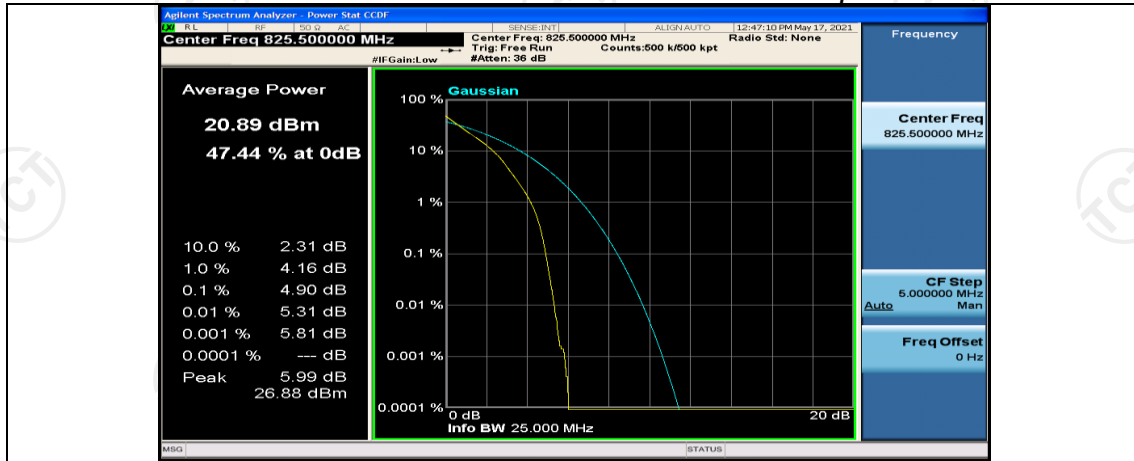


(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14

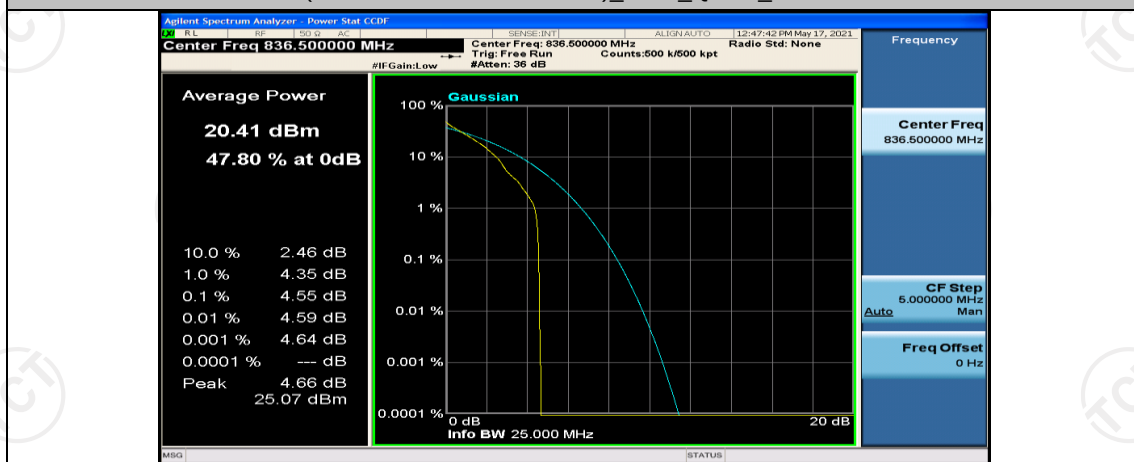


(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0

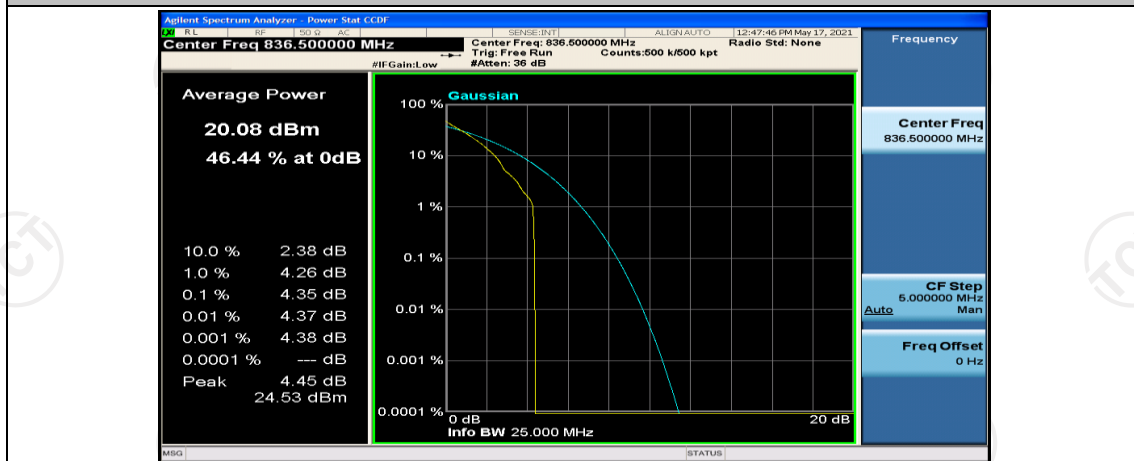




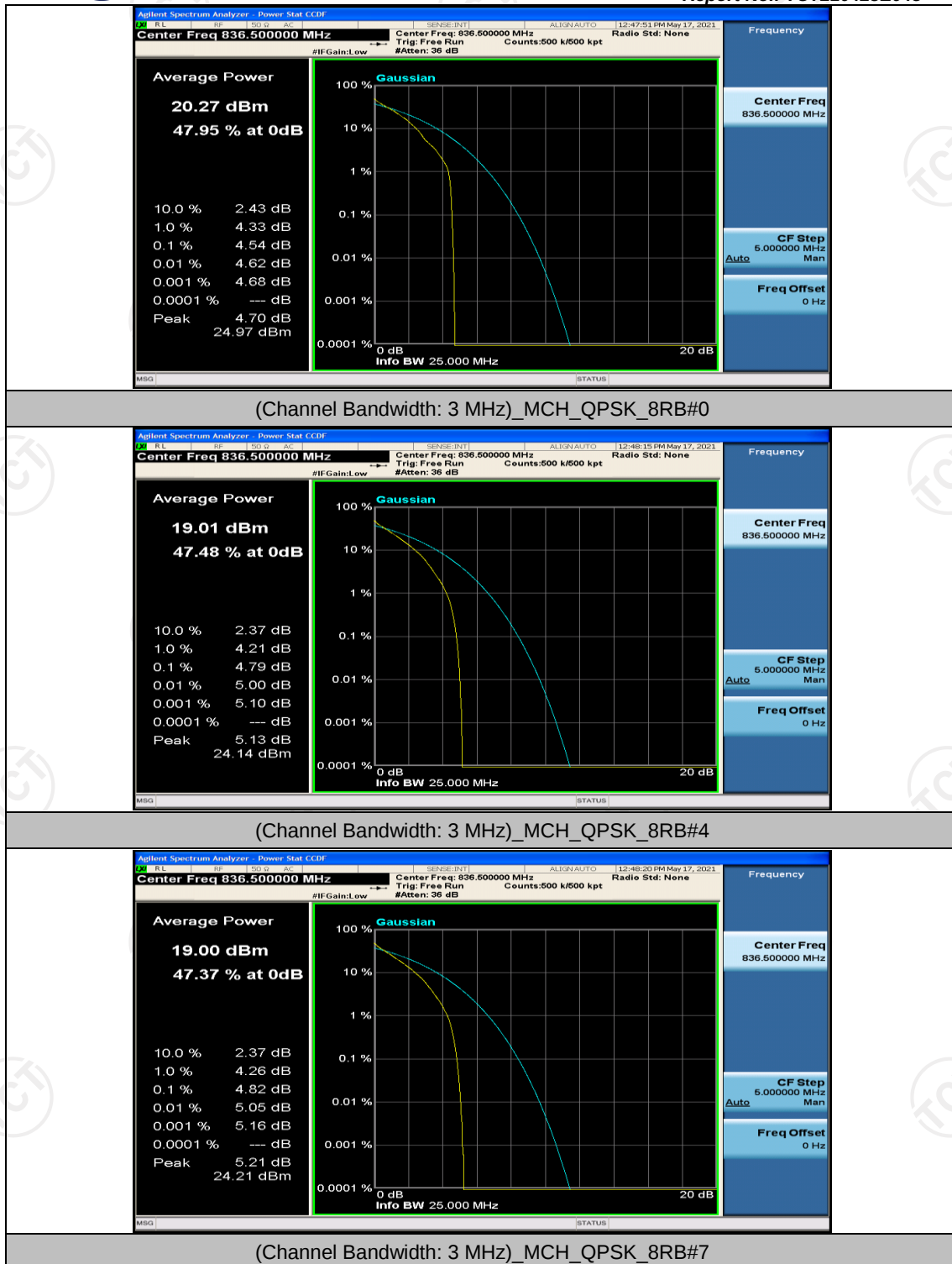
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

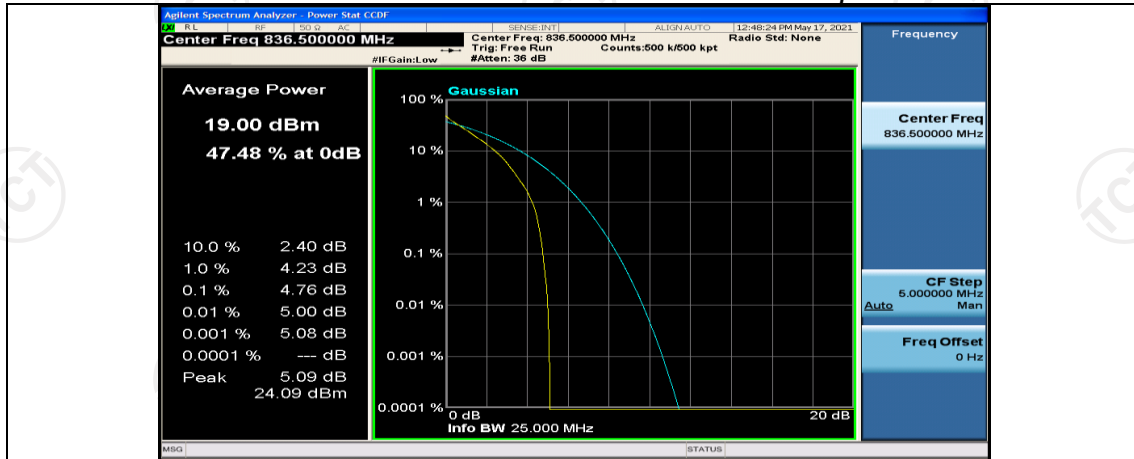


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

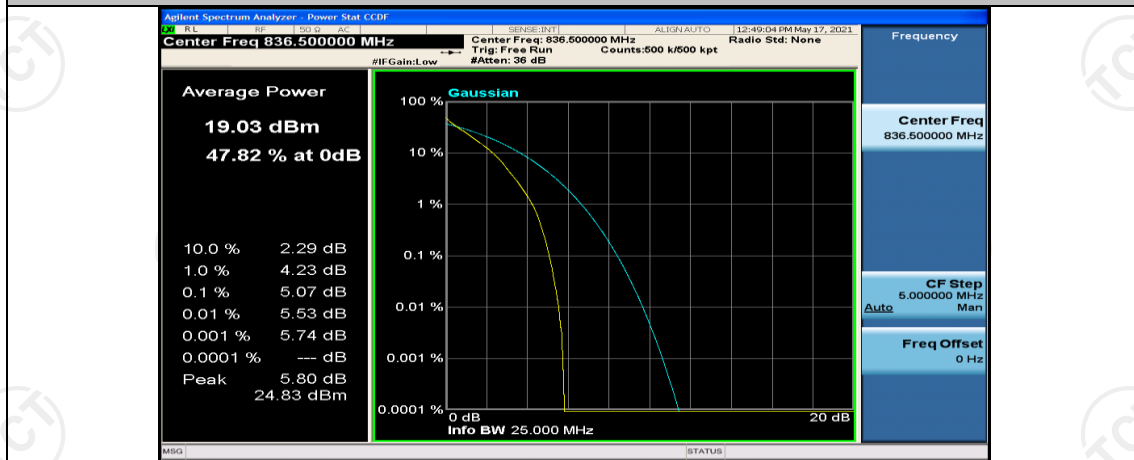


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

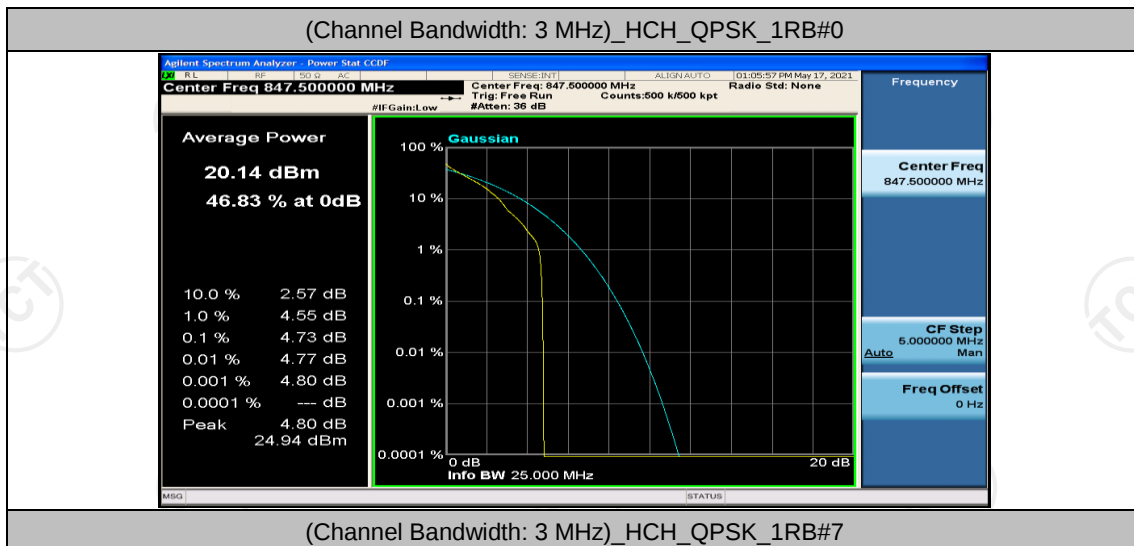




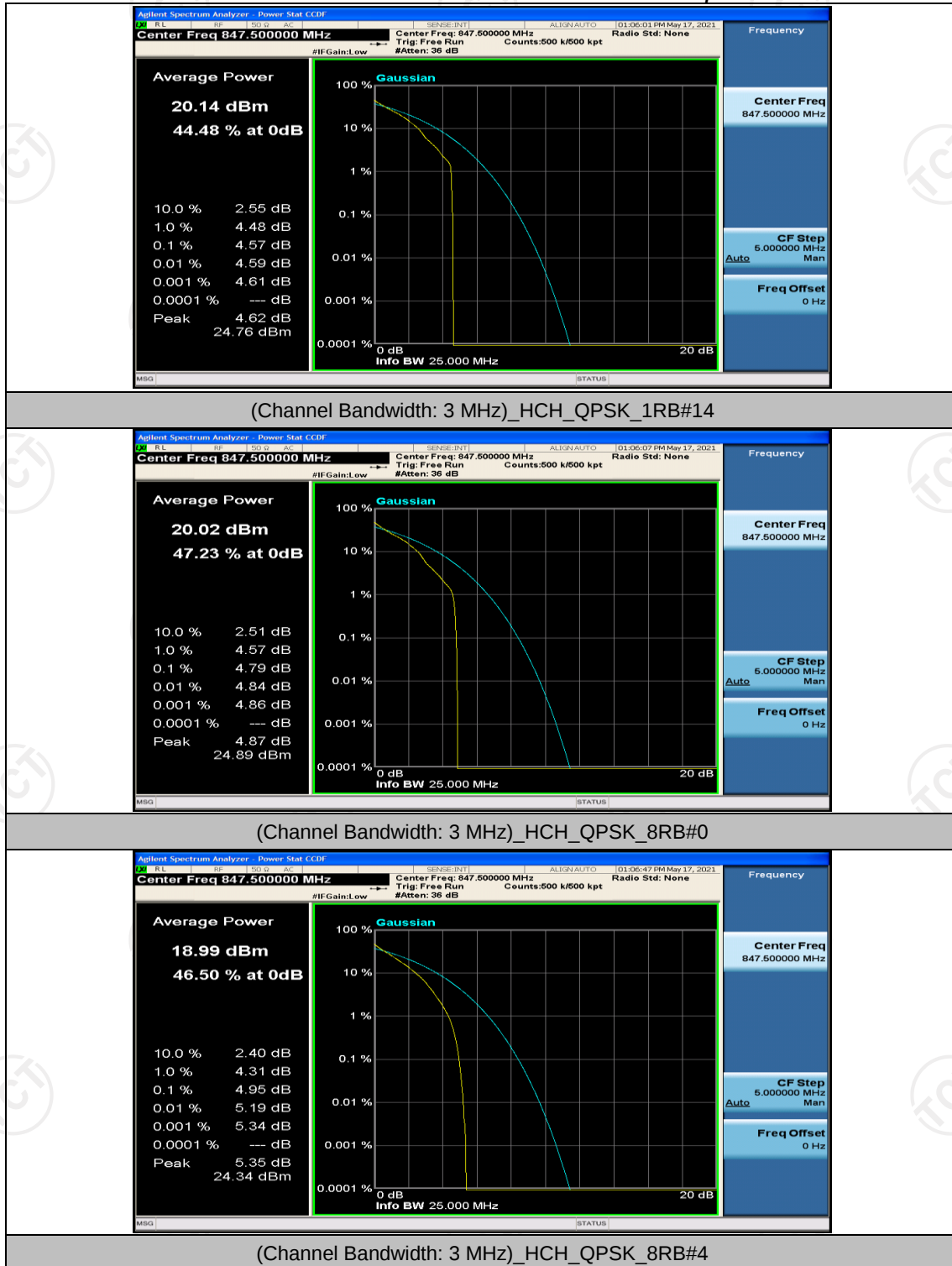
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0

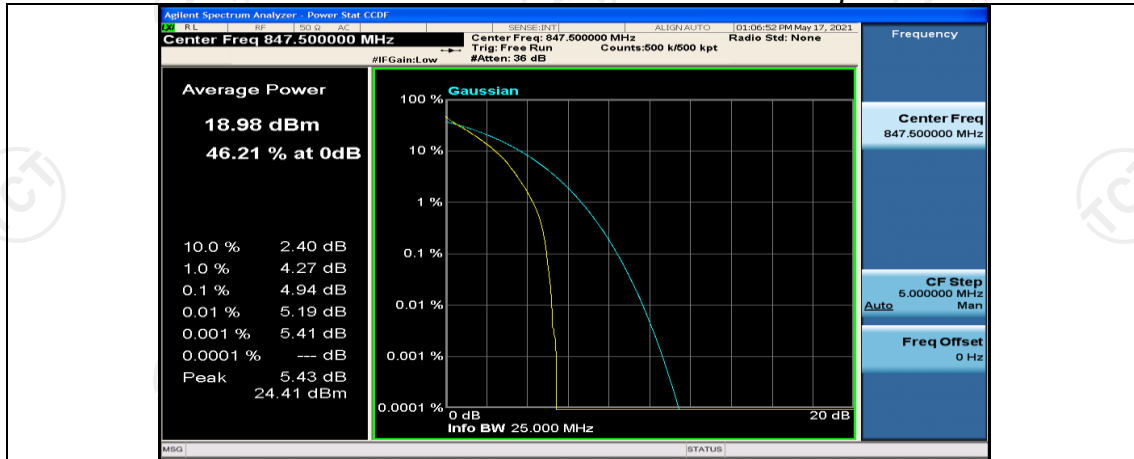


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

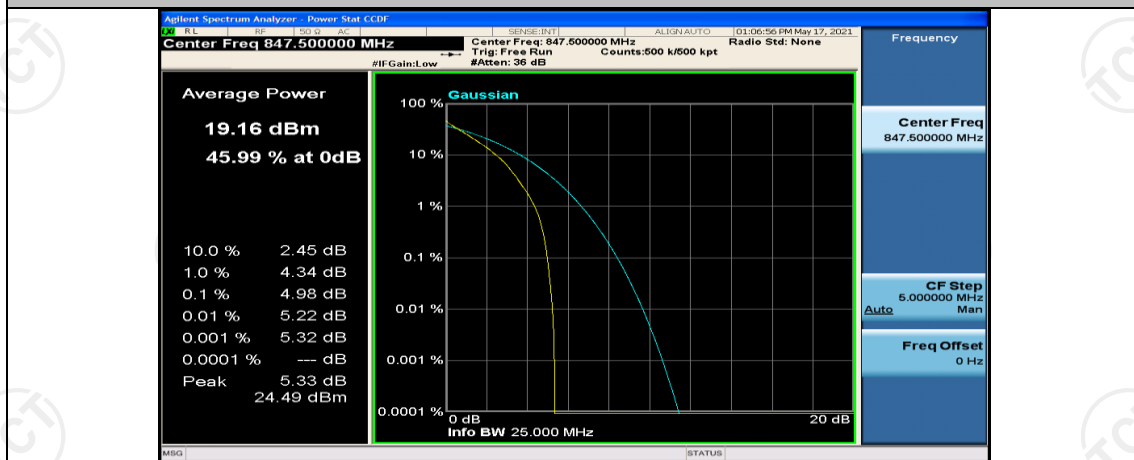


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7

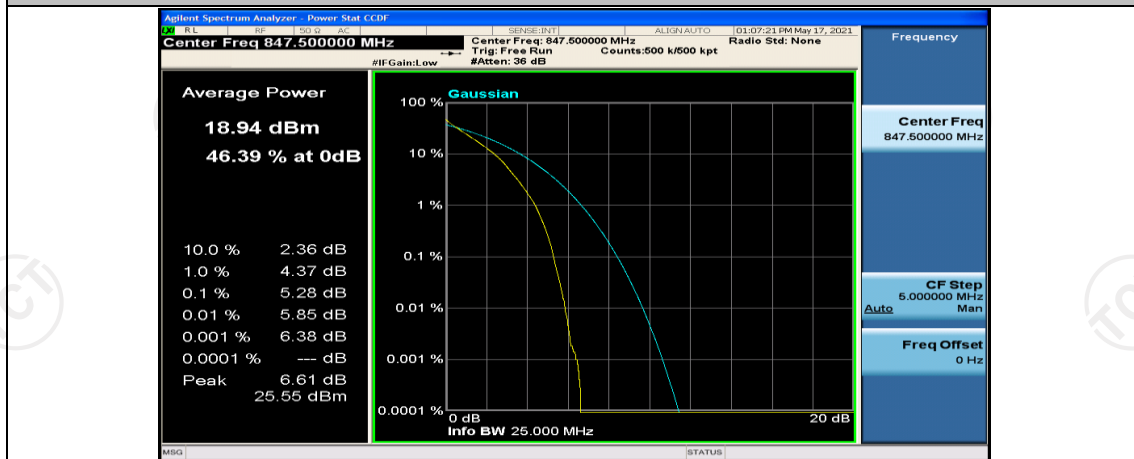




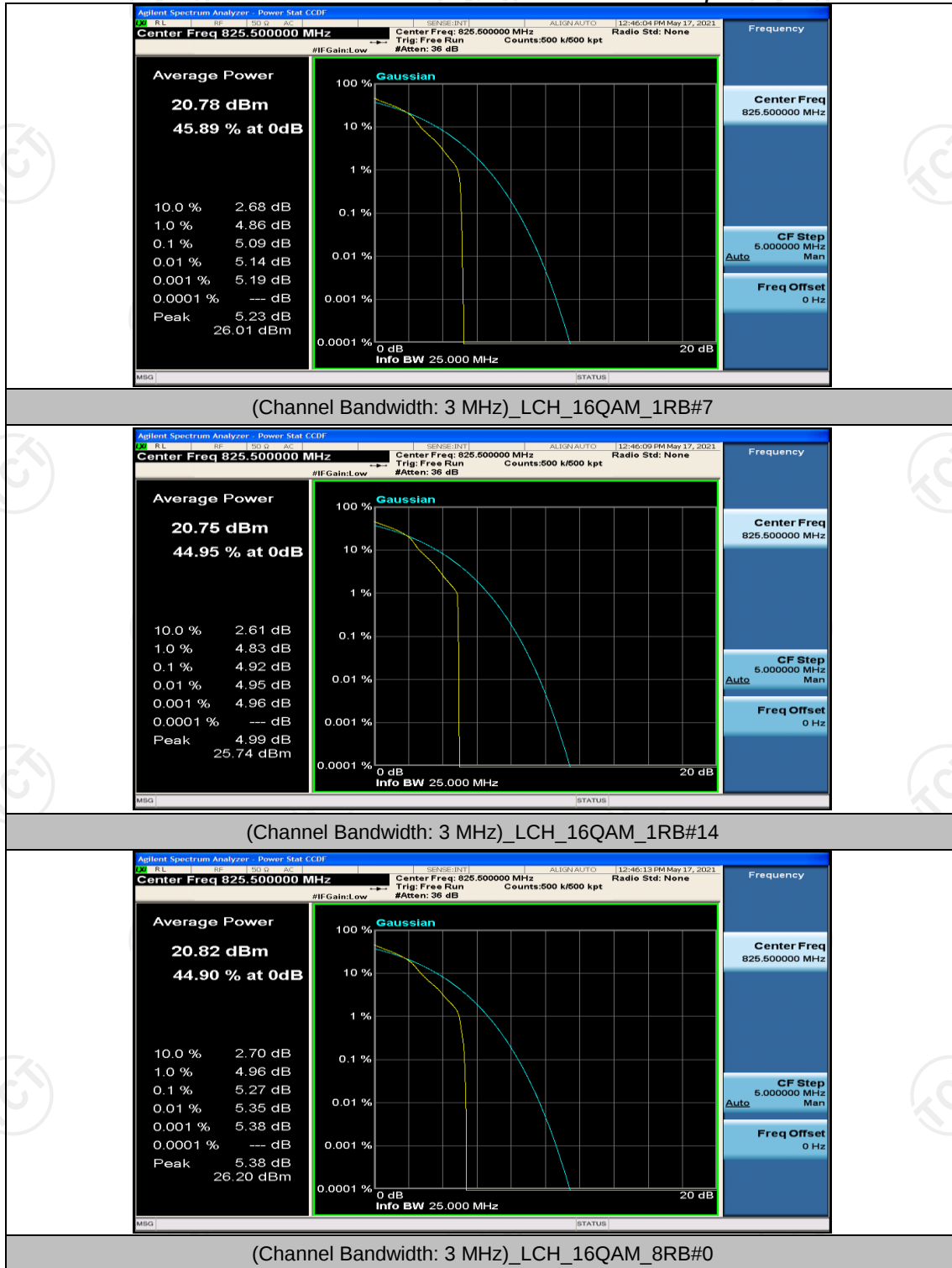
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7

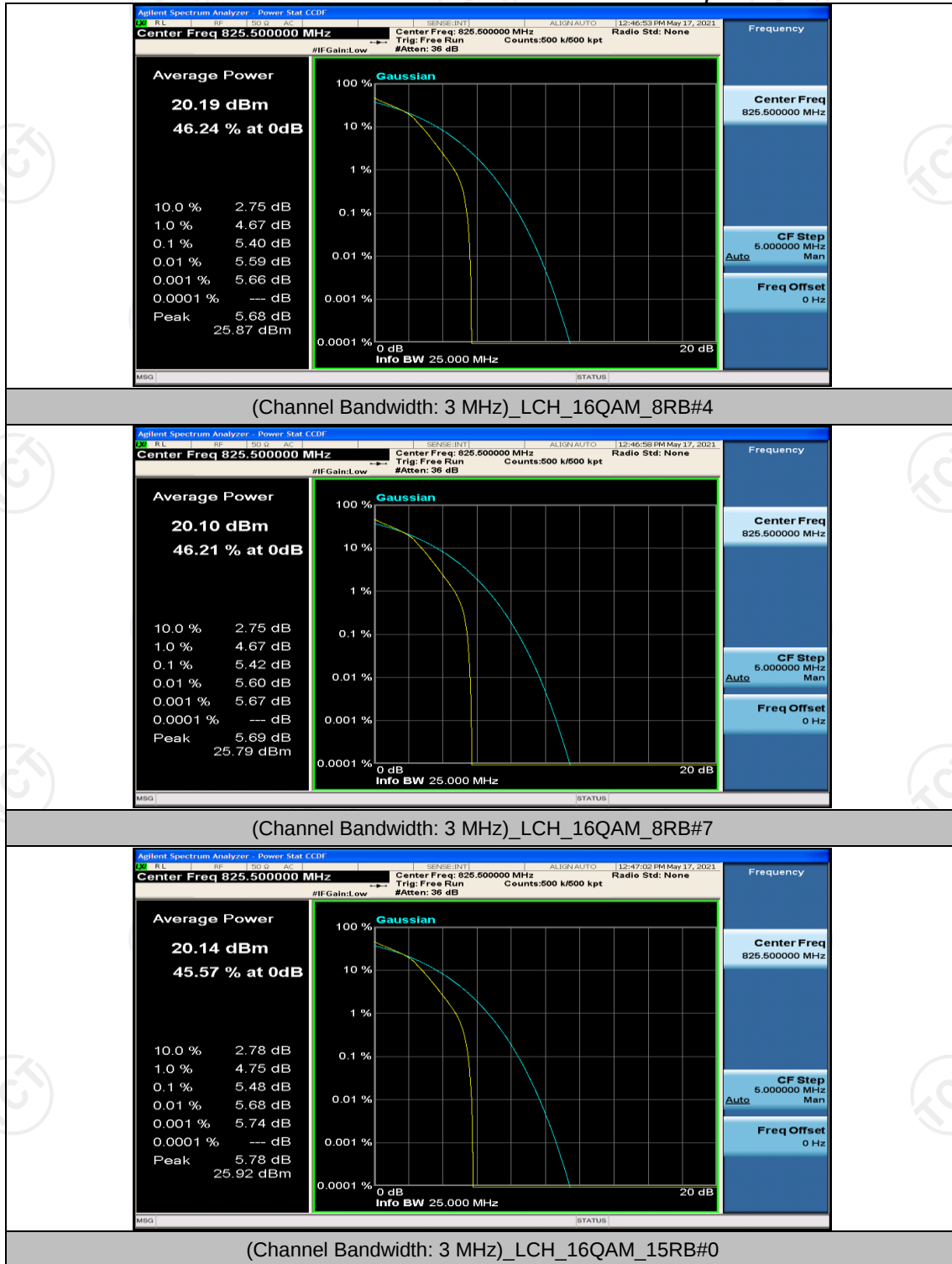


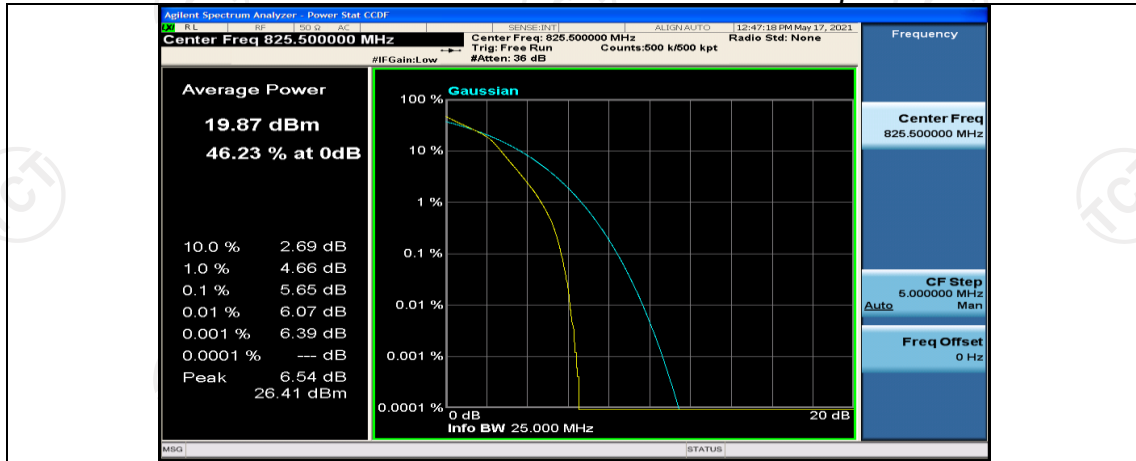
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



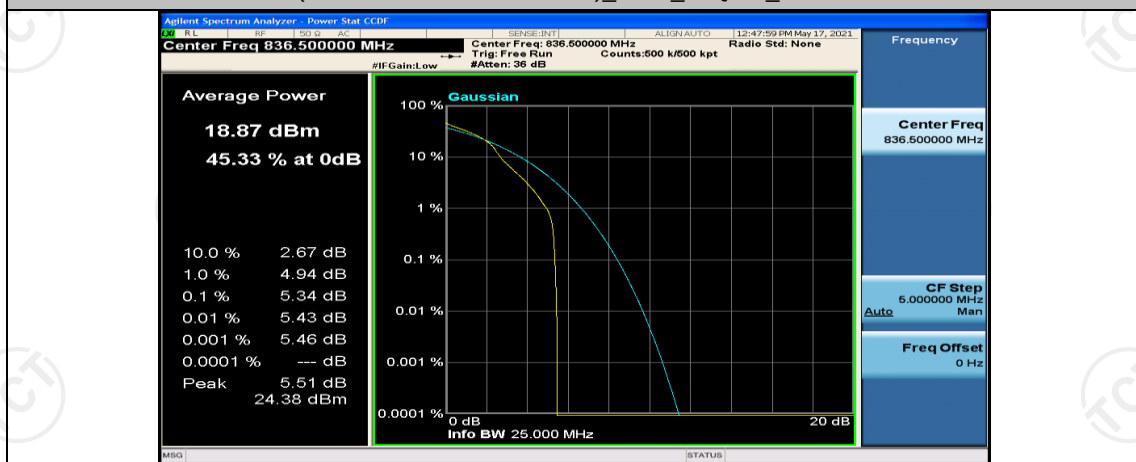
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



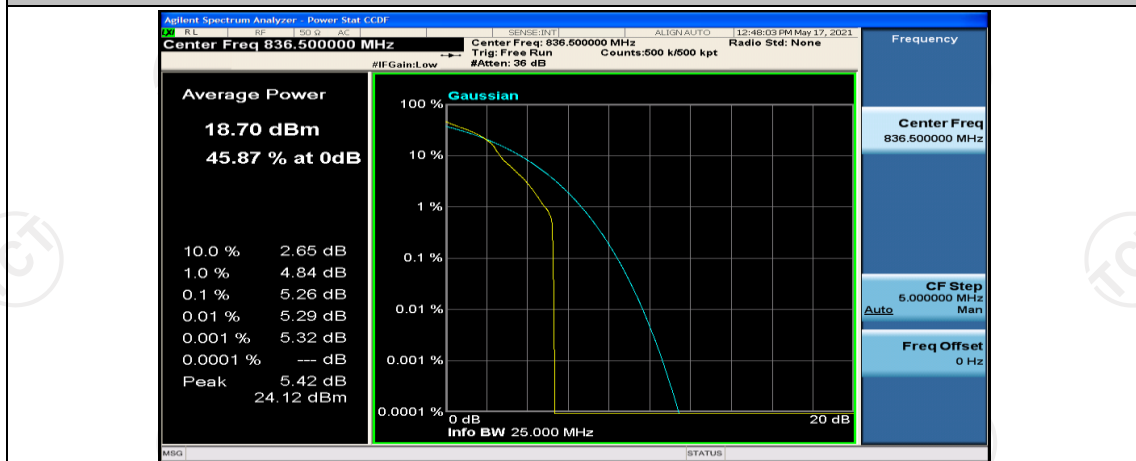




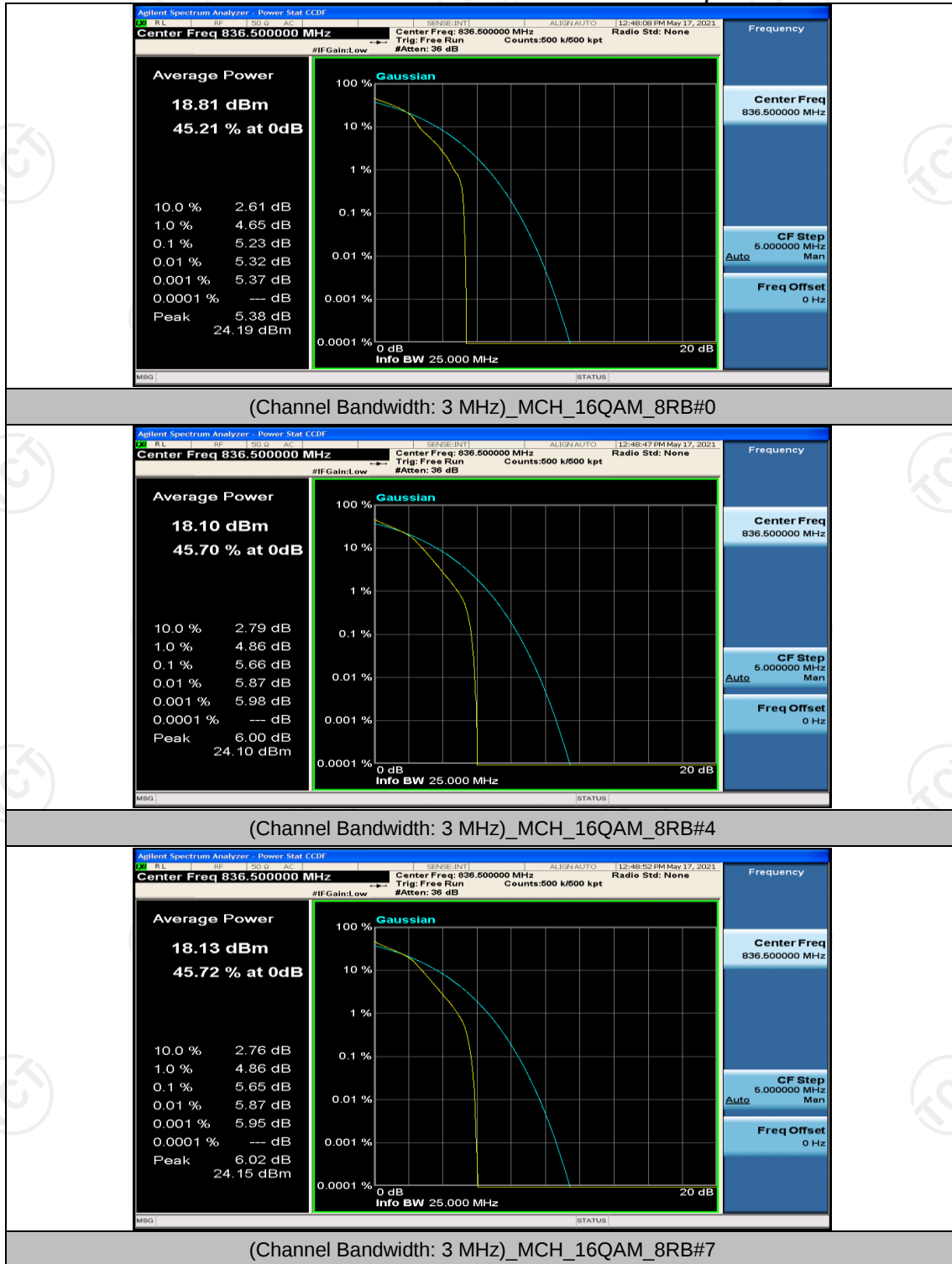
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

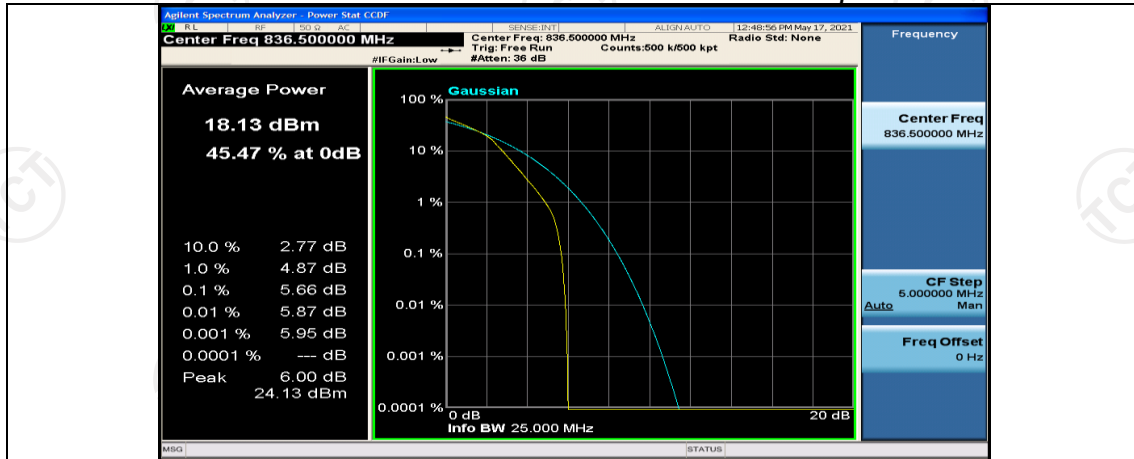


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

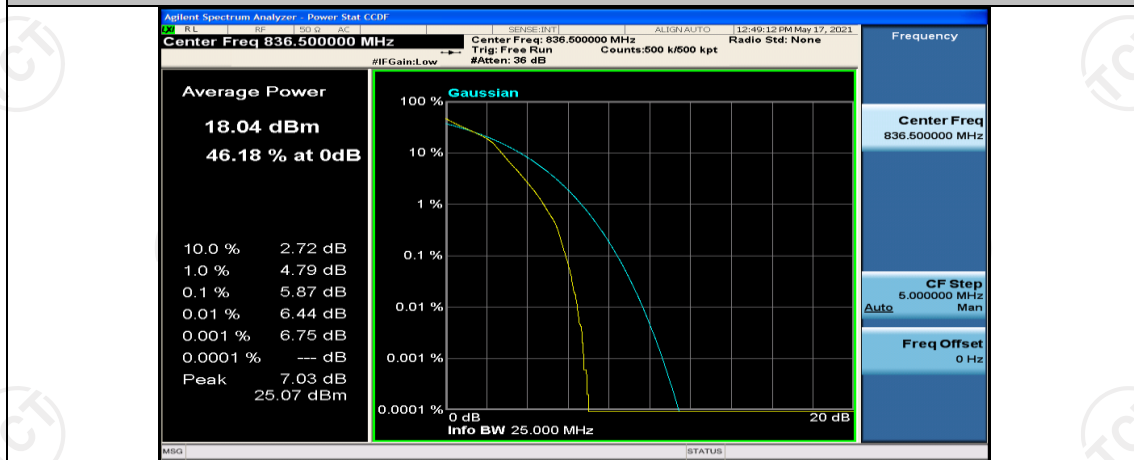


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

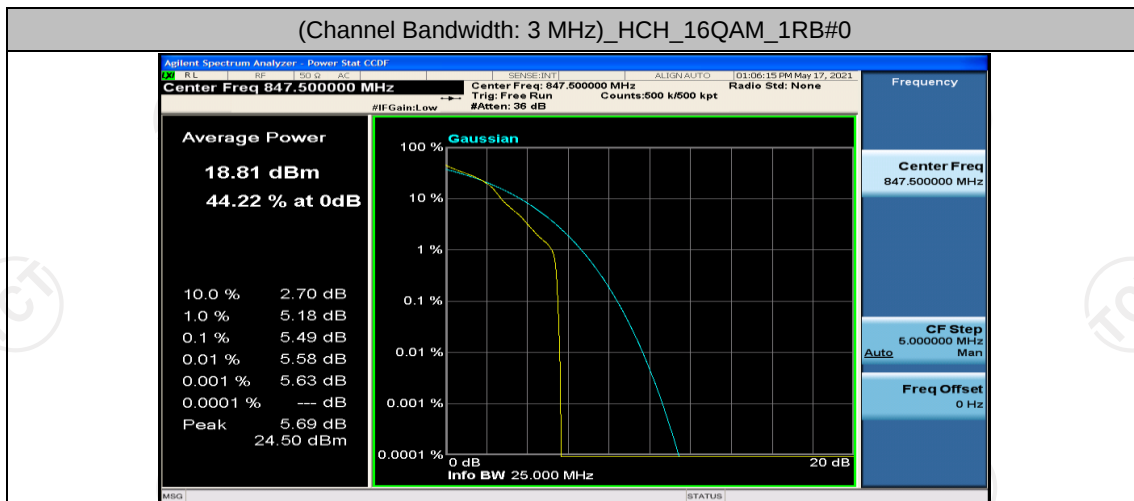




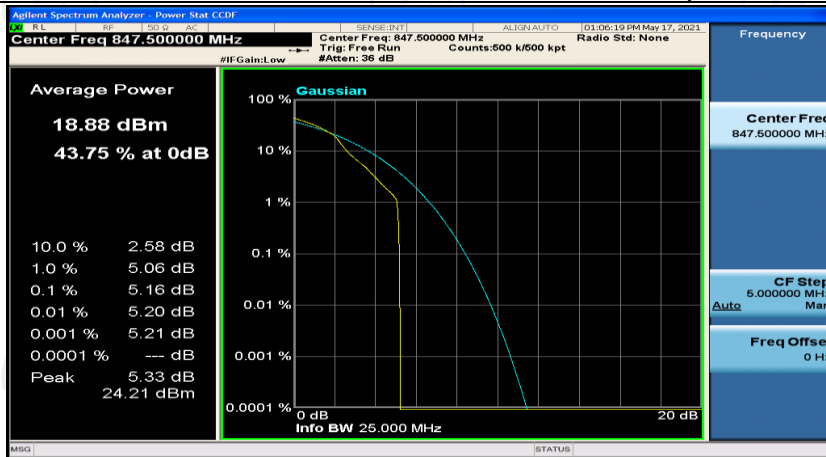
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



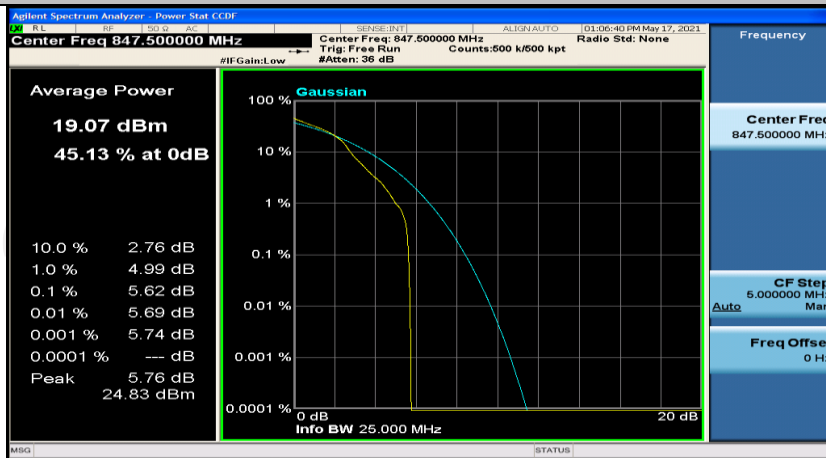
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



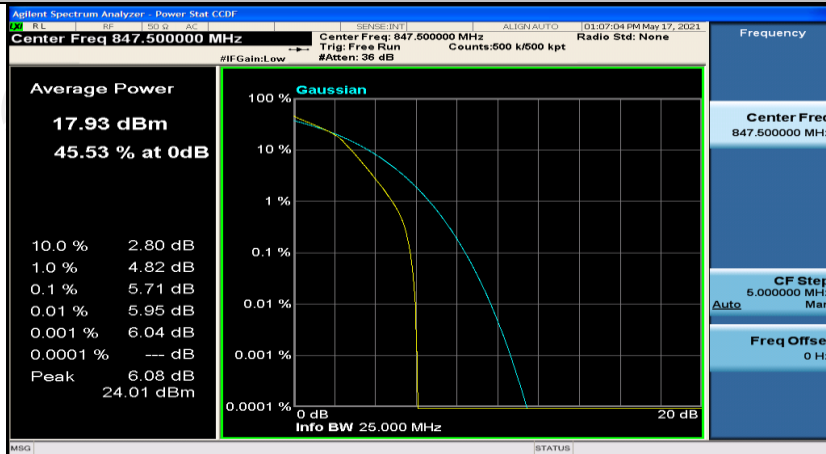
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4