

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

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	24.11	23.32	PASS
		1	12	24.25	23.46	PASS
		1	24	23.99	23.20	PASS
		12	0	23.21	22.42	PASS
		12	6	23.15	22.36	PASS
		12	13	23.26	22.47	PASS
		25	0	23.27	22.48	PASS
	MCH	1	0	24.02	23.23	PASS
		1	12	23.97	23.18	PASS
		1	24	23.91	23.12	PASS
		12	0	22.69	21.90	PASS
		12	6	22.68	21.89	PASS
		12	13	22.83	22.04	PASS
		25	0	22.86	22.07	PASS
	HCH	1	0	23.96	23.17	PASS
		1	12	24.13	23.34	PASS
		1	24	24.13	23.34	PASS
		12	0	23.23	22.44	PASS
		12	6	23.24	22.45	PASS
		12	13	22.96	22.17	PASS
		25	0	23.21	22.42	PASS
16QAM	LCH	1	0	23.12	22.33	PASS
		1	12	23.25	22.46	PASS
		1	24	22.97	22.18	PASS
		12	0	22.26	21.47	PASS
		12	6	22.26	21.47	PASS
		12	13	22.40	21.61	PASS
		25	0	22.33	21.54	PASS
	MCH	1	0	23.20	22.41	PASS
		1	12	23.07	22.28	PASS
		1	24	22.98	22.19	PASS
		12	0	21.80	21.01	PASS
		12	6	21.83	21.04	PASS

		12	13	21.97	21.18	PASS
		25	0	21.89	21.10	PASS
	HCH	1	0	22.79	22.00	PASS
		1	12	23.10	22.31	PASS
		1	24	23.14	22.35	PASS
		12	0	22.40	21.61	PASS
		12	6	22.37	21.58	PASS
		12	13	22.11	21.32	PASS
		25	0	22.24	21.45	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	24.06	23.27	PASS
		1	24	23.97	23.18	PASS
		1	49	23.95	23.16	PASS
		25	0	22.93	22.14	PASS
		25	12	22.90	22.11	PASS
		25	25	22.82	22.03	PASS
		50	0	22.90	22.11	PASS
	MCH	1	0	24.11	23.32	PASS
		1	24	24.01	23.22	PASS
		1	49	24.06	23.27	PASS
		25	0	22.71	21.92	PASS
		25	12	22.68	21.89	PASS
		25	25	22.58	21.79	PASS
		50	0	22.63	21.84	PASS
	HCH	1	0	24.20	23.41	PASS
		1	24	23.98	23.19	PASS
		1	49	24.13	23.34	PASS
		25	0	22.58	21.79	PASS
		25	12	22.58	21.79	PASS
		25	25	22.57	21.78	PASS
		50	0	22.60	21.81	PASS
16QAM	LCH	1	0	23.31	22.52	PASS
		1	24	23.16	22.37	PASS
		1	49	23.12	22.33	PASS
		25	0	22.00	21.21	PASS
		25	12	22.00	21.21	PASS
		25	25	21.86	21.07	PASS

	MCH	50	0	21.98	21.19	PASS
		1	0	23.34	22.55	PASS
		1	24	23.01	22.22	PASS
		1	49	23.22	22.43	PASS
		25	0	21.78	20.99	PASS
		25	12	21.78	20.99	PASS
		25	25	21.68	20.89	PASS
		50	0	21.70	20.91	PASS
	HCH	1	0	23.04	22.25	PASS
		1	24	22.85	22.06	PASS
		1	49	23.02	22.23	PASS
		25	0	21.67	20.88	PASS
		25	12	21.69	20.90	PASS
		25	25	21.69	20.90	PASS
		50	0	21.68	20.89	PASS

Appendix B: Peak-to-Average Ratio

Test Result

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	5.19	<13	PASS
		1	12	5.2	<13	PASS
		1	24	4.5	<13	PASS
		12	0	5.73	<13	PASS
		12	6	5.72	<13	PASS
		12	13	5.31	<13	PASS
		25	0	5.57	<13	PASS
	MCH	1	0	4.74	<13	PASS
		1	12	3.44	<13	PASS
		1	24	3.3	<13	PASS
		12	0	5.19	<13	PASS
		12	6	5.2	<13	PASS
		12	13	4.19	<13	PASS
		25	0	4.63	<13	PASS
	HCH	1	0	3.23	<13	PASS
		1	12	3.76	<13	PASS
		1	24	4.65	<13	PASS
		12	0	4	<13	PASS
		12	6	4.02	<13	PASS
		12	13	5.22	<13	PASS
		25	0	4.69	<13	PASS
16QAM	LCH	1	0	5.92	<13	PASS
		1	12	5.8	<13	PASS
		1	24	5.21	<13	PASS
		12	0	6.54	<13	PASS
		12	6	6.53	<13	PASS
		12	13	6.1	<13	PASS
		25	0	6.3	<13	PASS
	MCH	1	0	5.54	<13	PASS
		1	12	4.3	<13	PASS
		1	24	4.12	<13	PASS

		12	0	5.91	<13	PASS
		12	6	5.95	<13	PASS
		12	13	5.01	<13	PASS
		25	0	5.48	<13	PASS
	HCH	1	0	4	<13	PASS
		1	12	4.62	<13	PASS
		1	24	5.2	<13	PASS
		12	0	4.89	<13	PASS
		12	6	4.87	<13	PASS
		12	13	5.99	<13	PASS
		25	0	5.45	<13	PASS

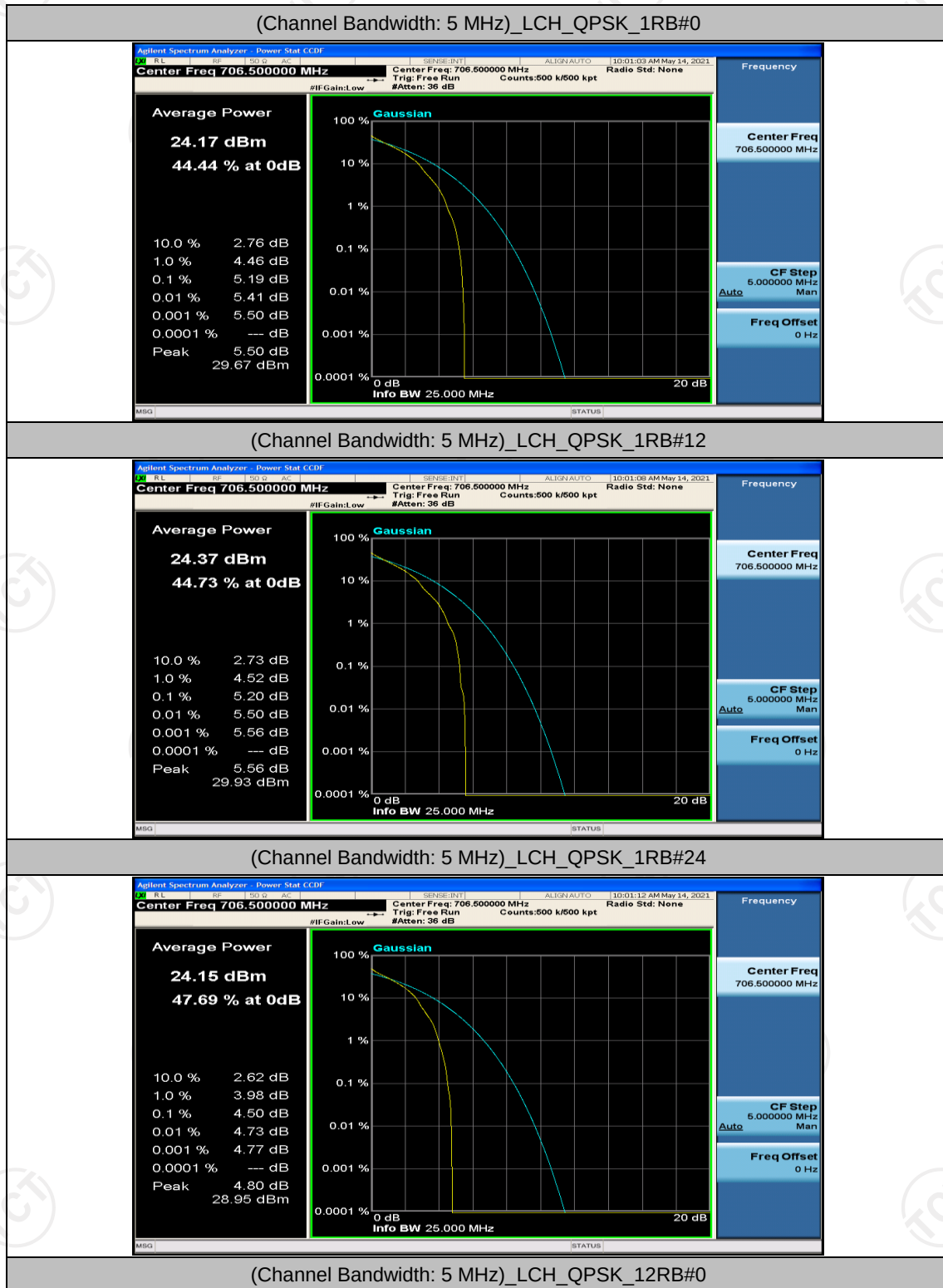
Channel Bandwidth: 10 MHz

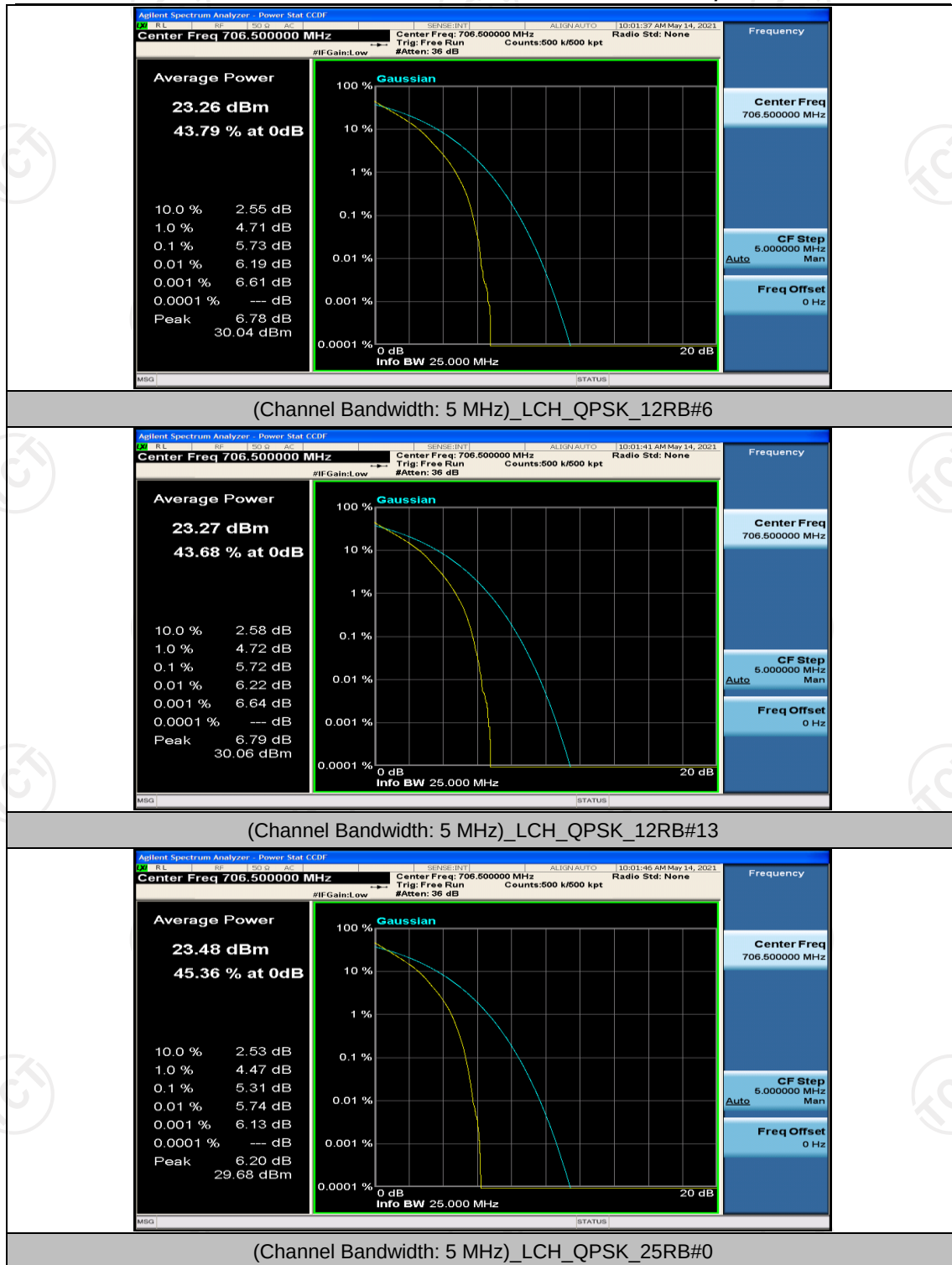
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.02	<13	PASS
		1	24	3.95	<13	PASS
		1	49	3.72	<13	PASS
		25	0	5.64	<13	PASS
		25	12	5.62	<13	PASS
		25	25	4.44	<13	PASS
		50	0	4.99	<13	PASS
	MCH	1	0	4.91	<13	PASS
		1	24	3.31	<13	PASS
		1	49	4.1	<13	PASS
		25	0	5.41	<13	PASS
		25	12	5.43	<13	PASS
		25	25	4.68	<13	PASS
		50	0	4.96	<13	PASS
	HCH	1	0	4.96	<13	PASS
		1	24	2.98	<13	PASS
		1	49	4.39	<13	PASS
		25	0	5.06	<13	PASS
		25	12	5.1	<13	PASS
		25	25	4.92	<13	PASS
		50	0	4.94	<13	PASS
16QAM	LCH	1	0	5.82	<13	PASS
		1	24	4.85	<13	PASS
		1	49	4.69	<13	PASS
		25	0	6.51	<13	PASS

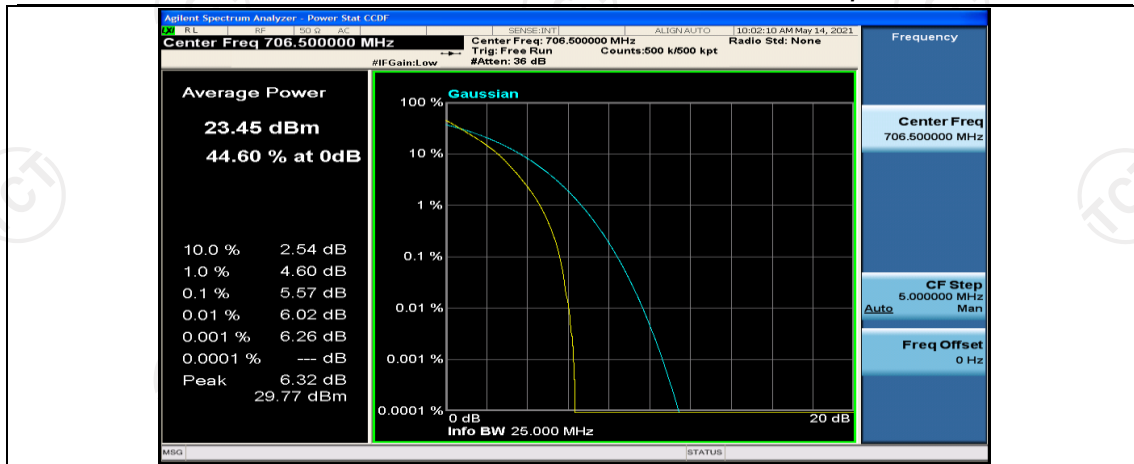
		25	12	6.46	<13	PASS
		25	25	5.26	<13	PASS
		50	0	5.83	<13	PASS
	MCH	1	0	5.69	<13	PASS
		1	24	4.24	<13	PASS
		1	49	4.92	<13	PASS
		25	0	6.29	<13	PASS
		25	12	6.28	<13	PASS
		25	25	5.49	<13	PASS
		50	0	5.84	<13	PASS
	HCH	1	0	5.98	<13	PASS
		1	24	4.16	<13	PASS
		1	49	5.44	<13	PASS
		25	0	5.97	<13	PASS
		25	12	5.93	<13	PASS
		25	25	5.79	<13	PASS
		50	0	5.83	<13	PASS

Test Graphs

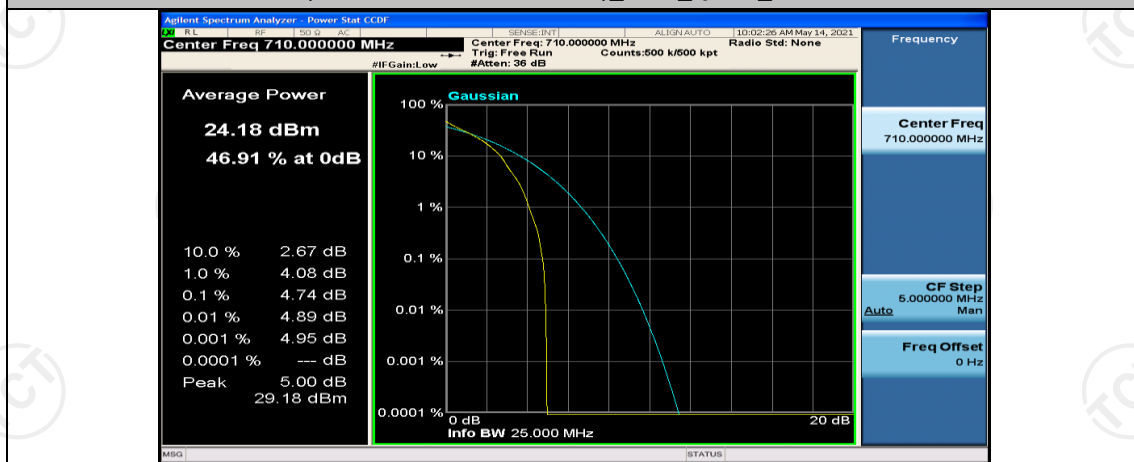
Channel Bandwidth: 5 MHz



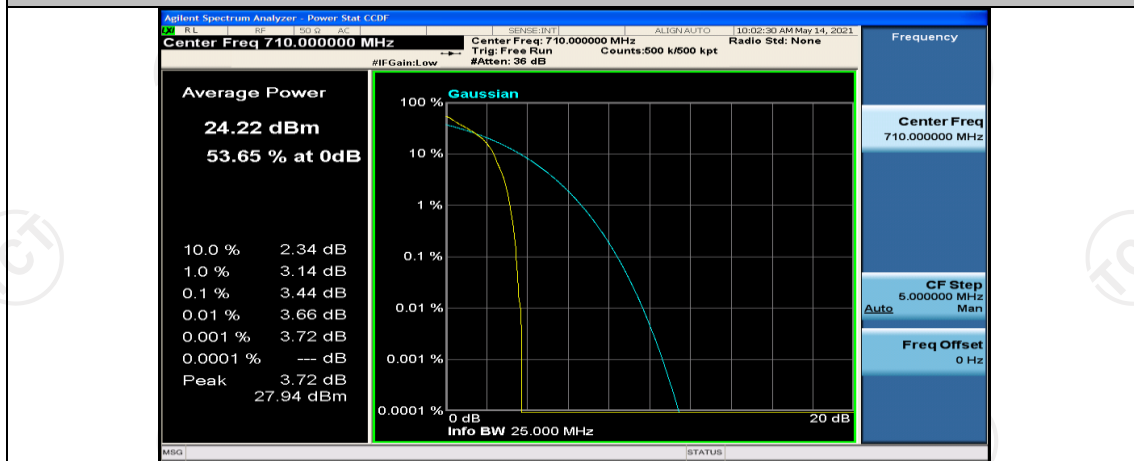




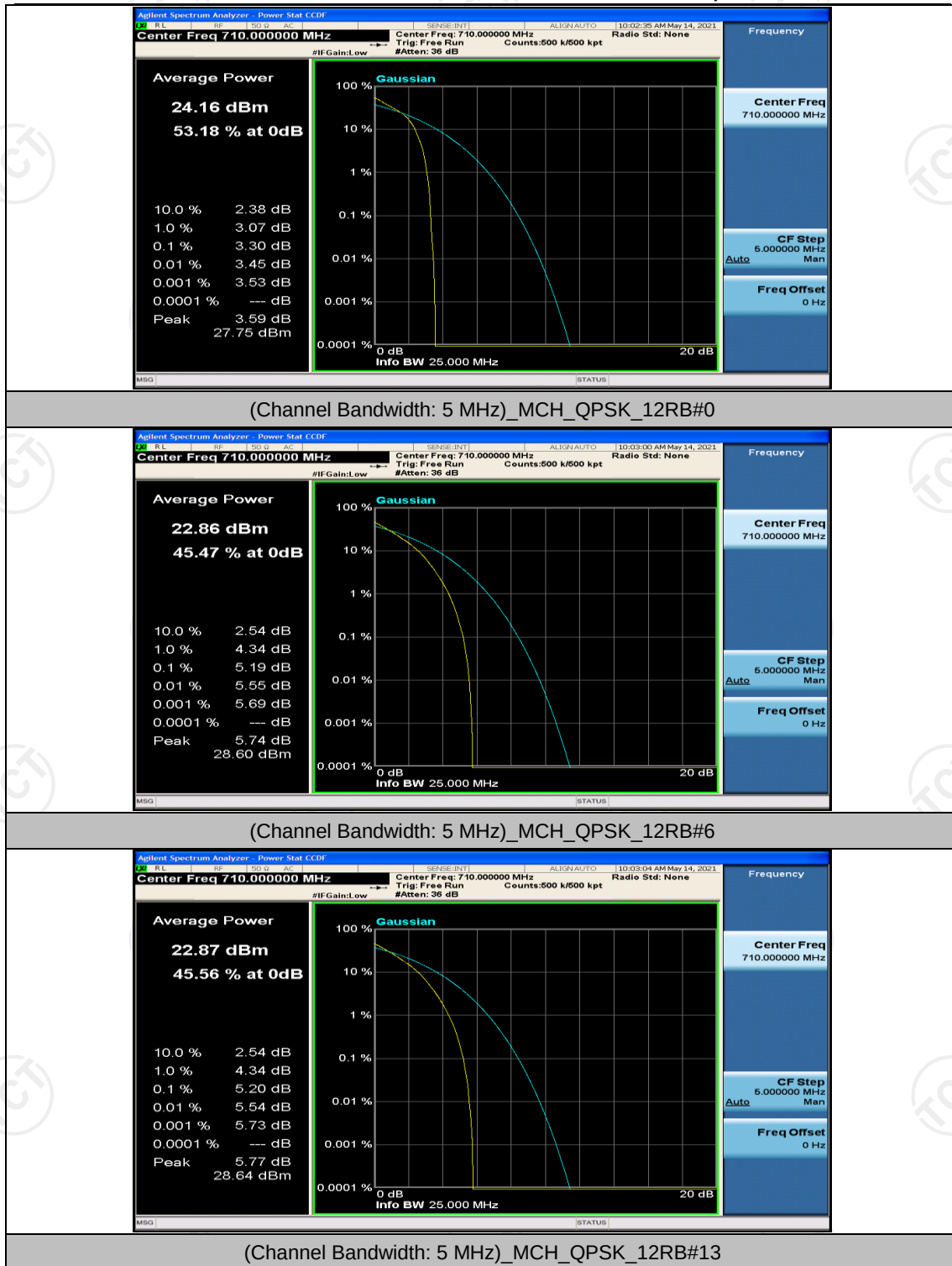
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

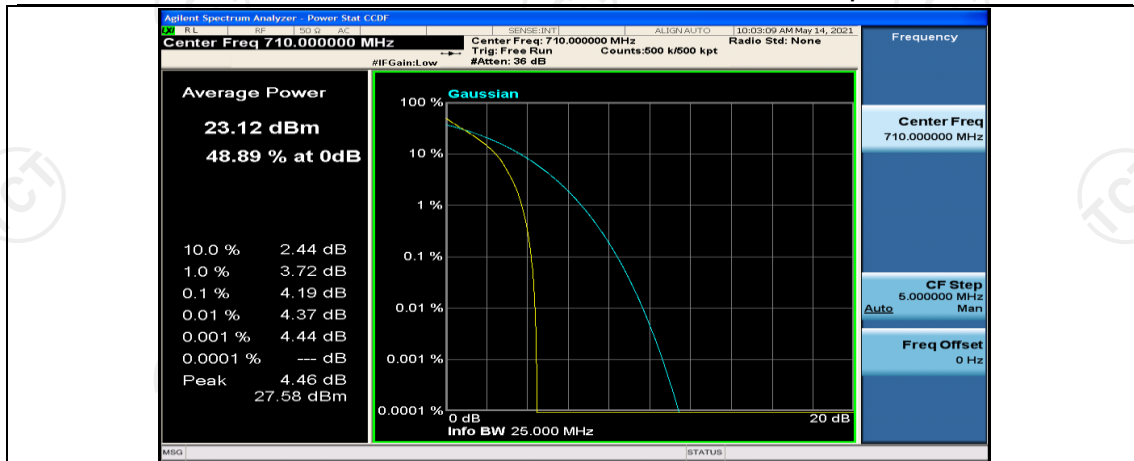


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

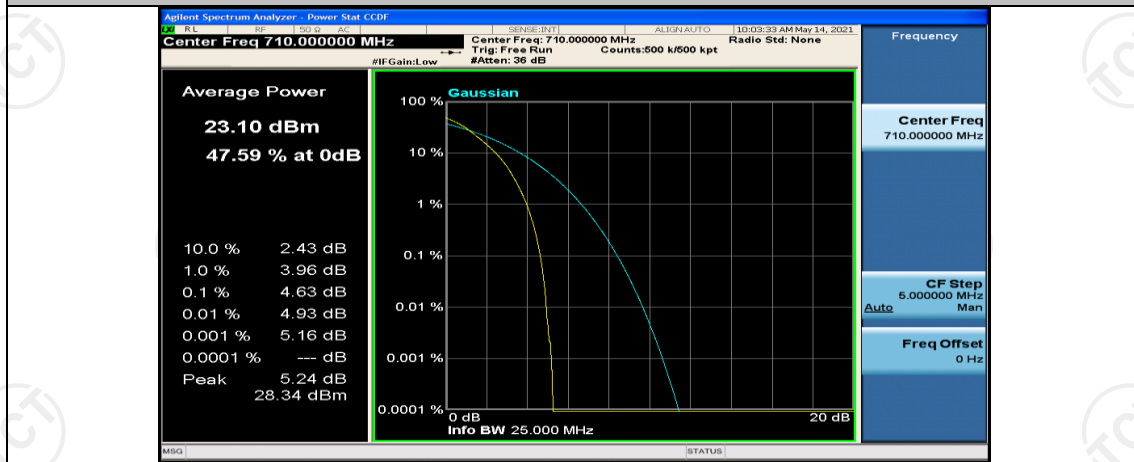


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

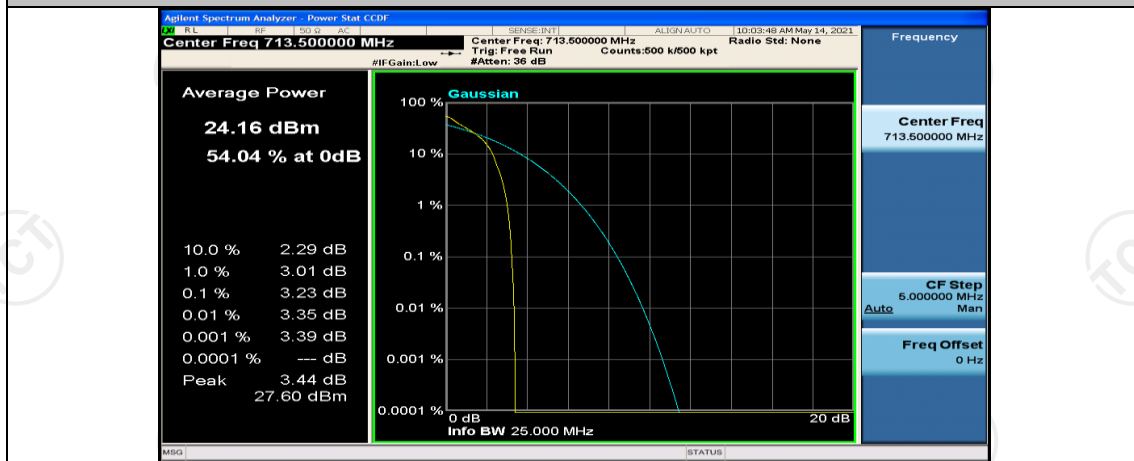




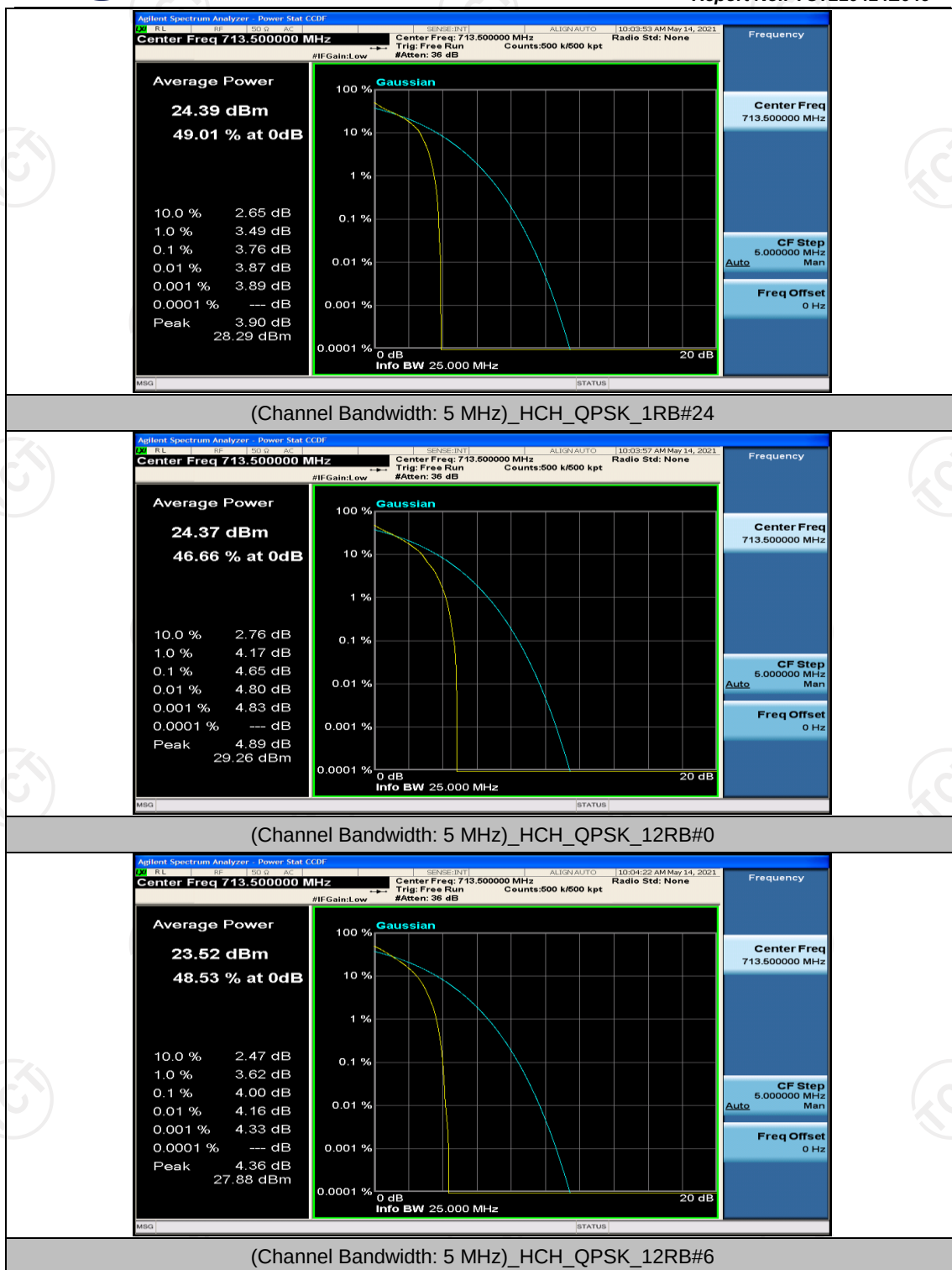
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0

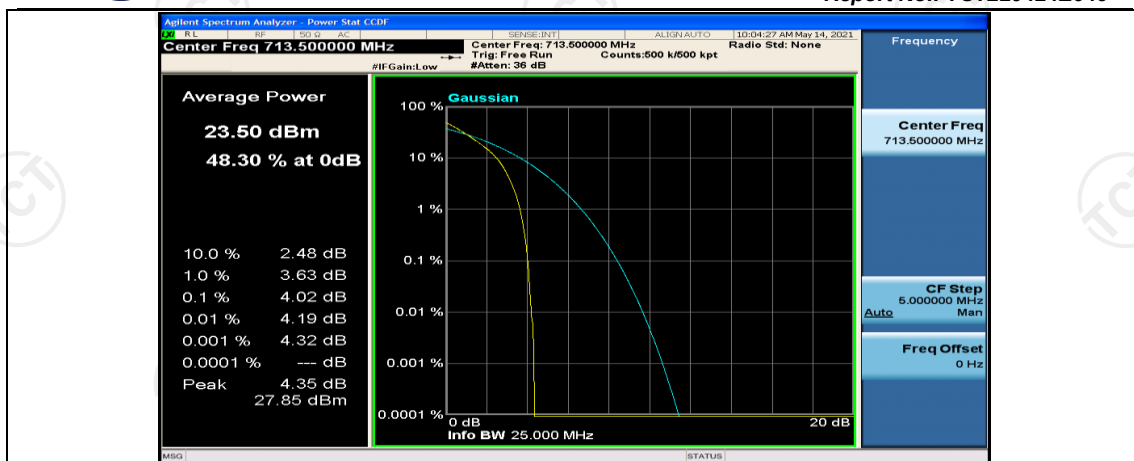


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

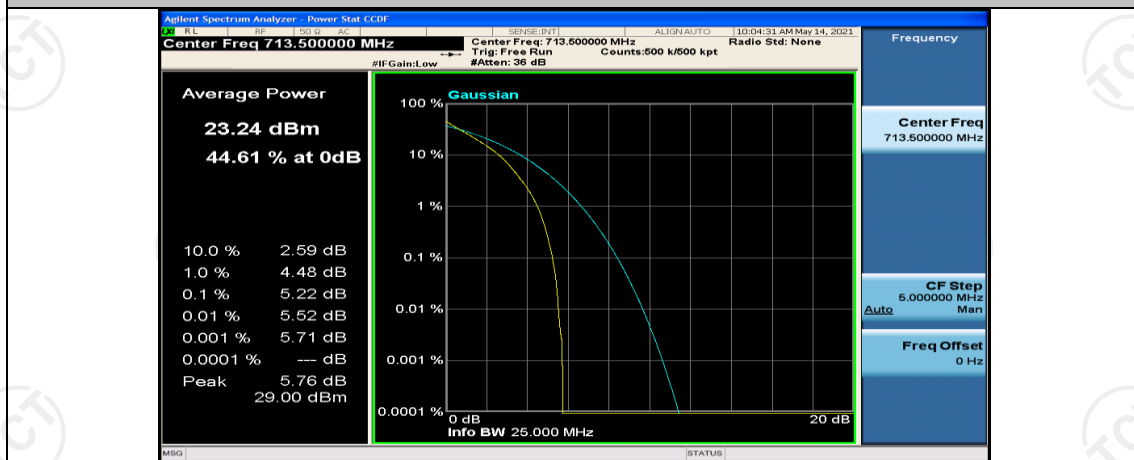


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

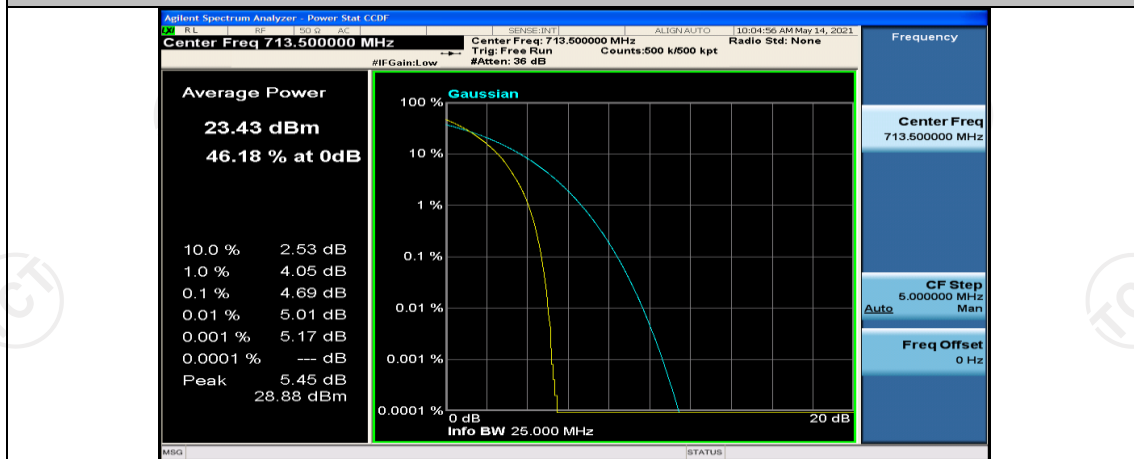




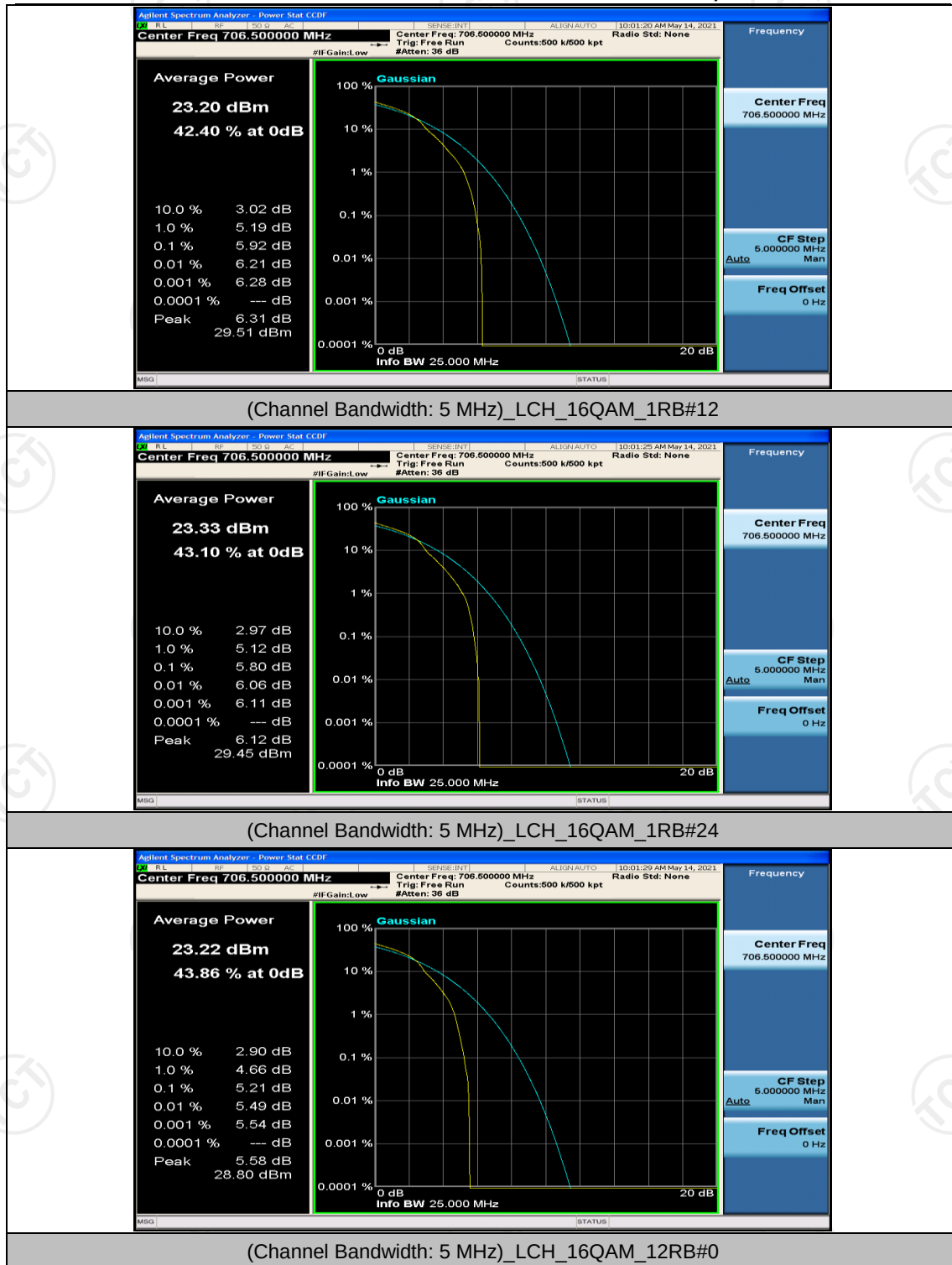
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13

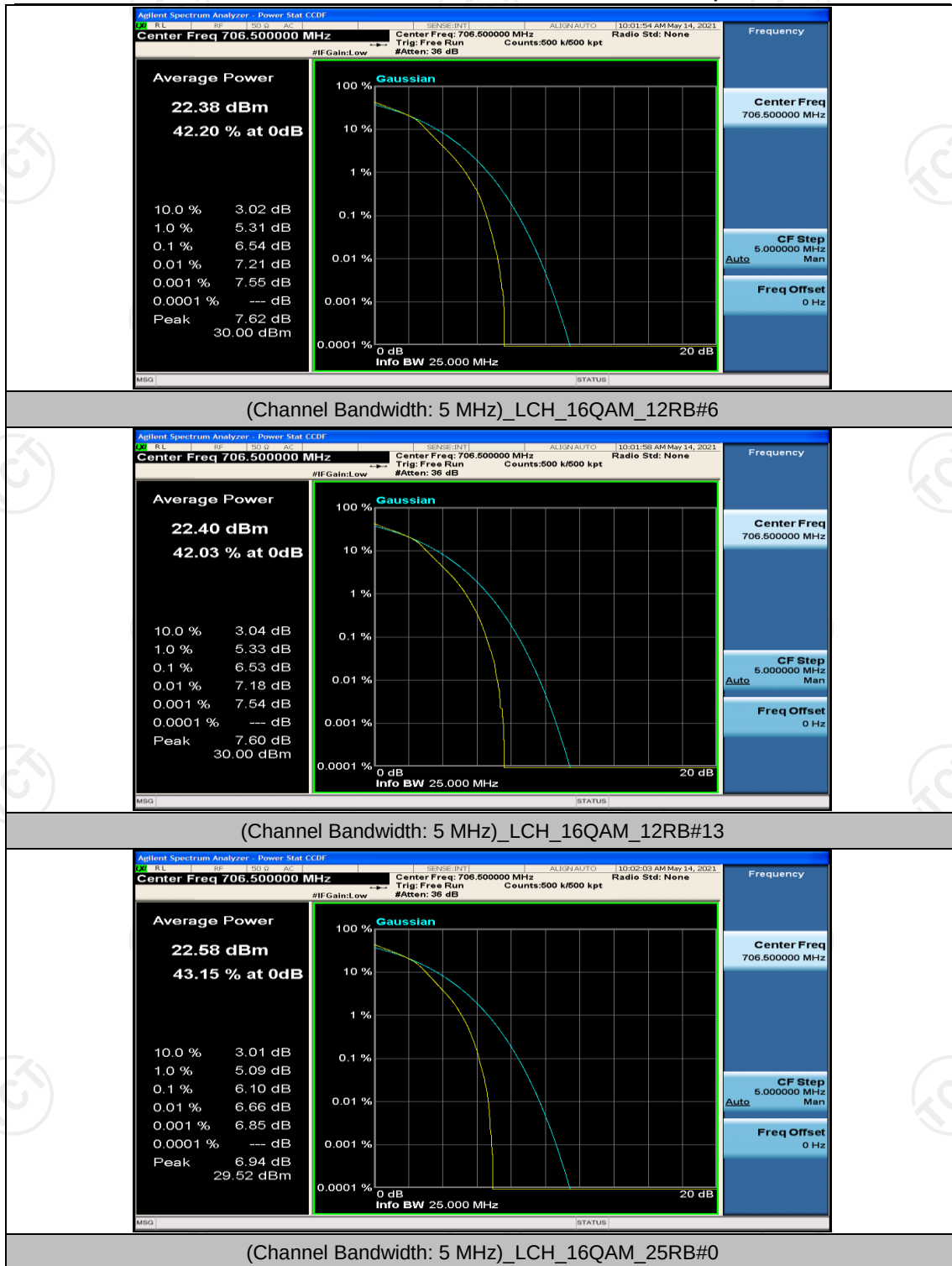


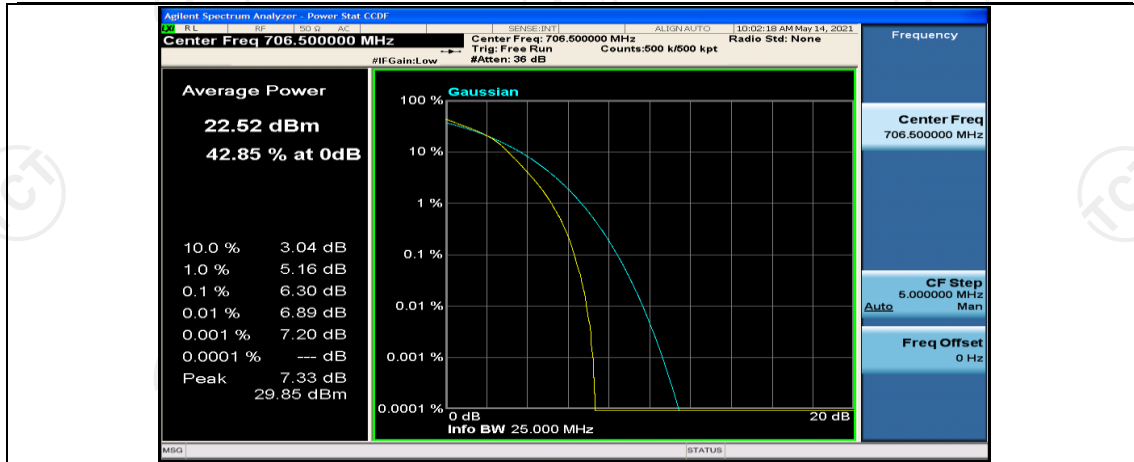
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



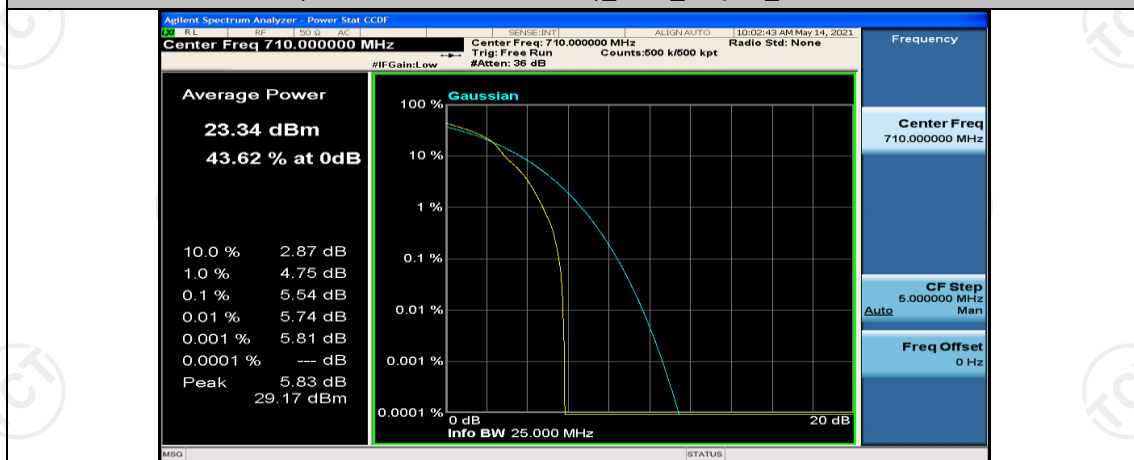
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



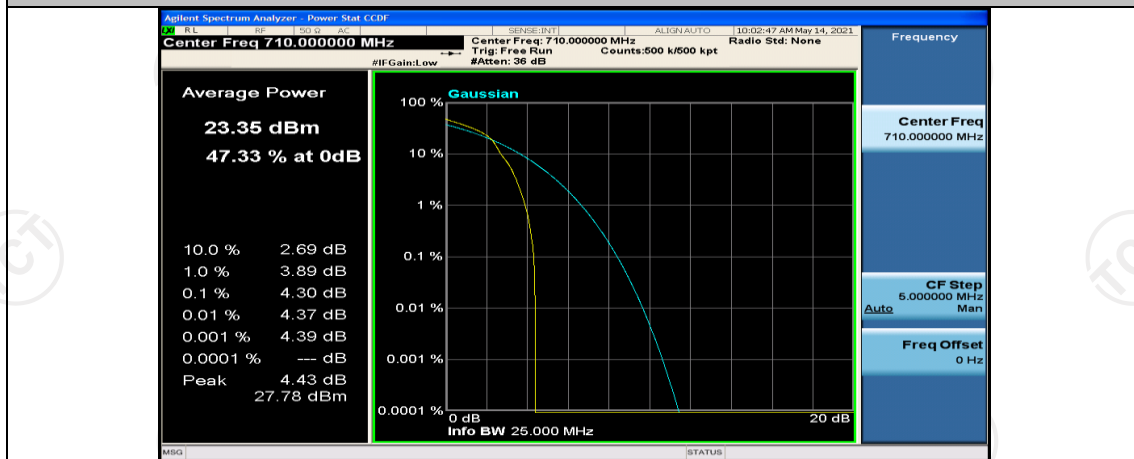




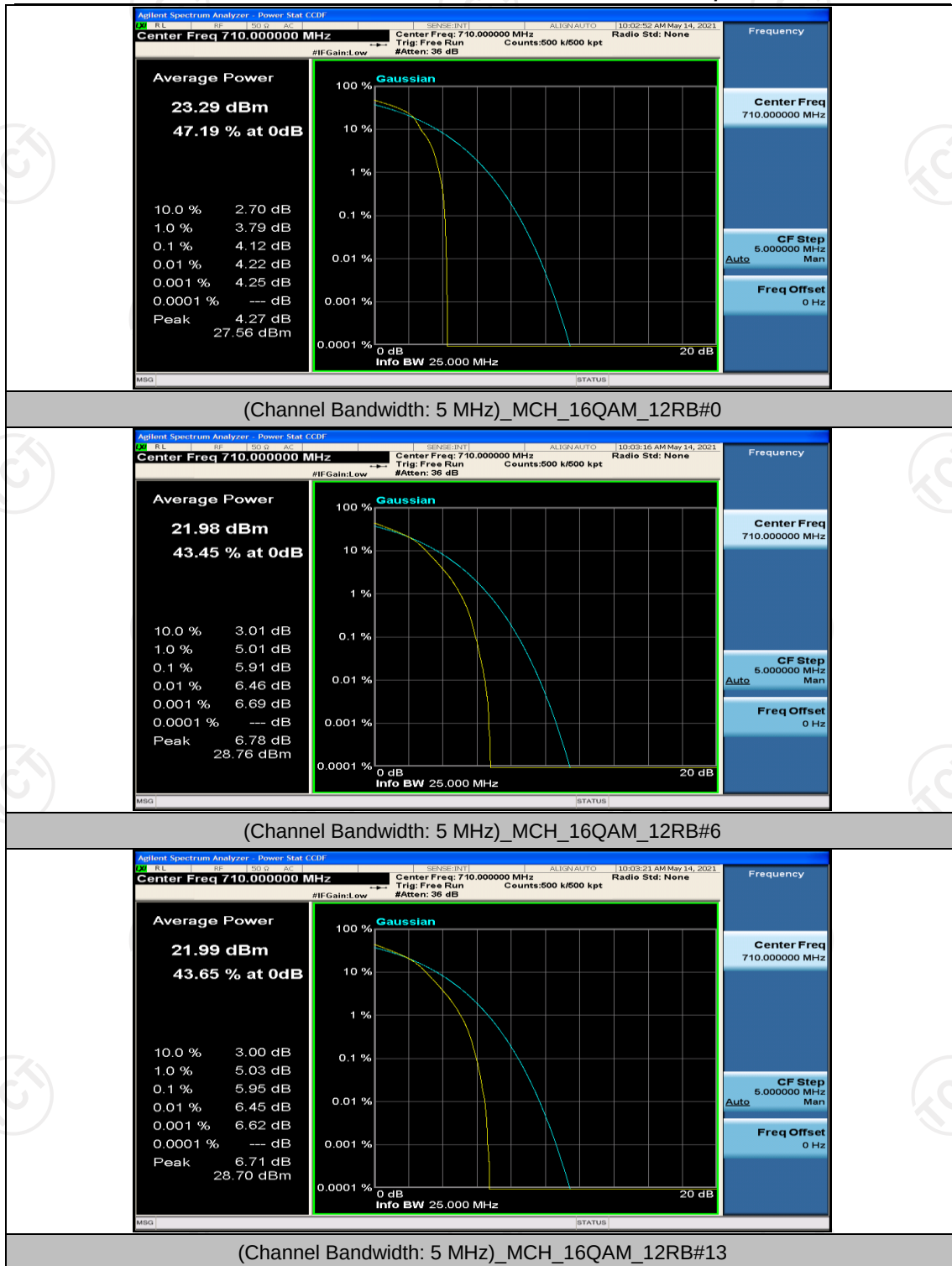
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

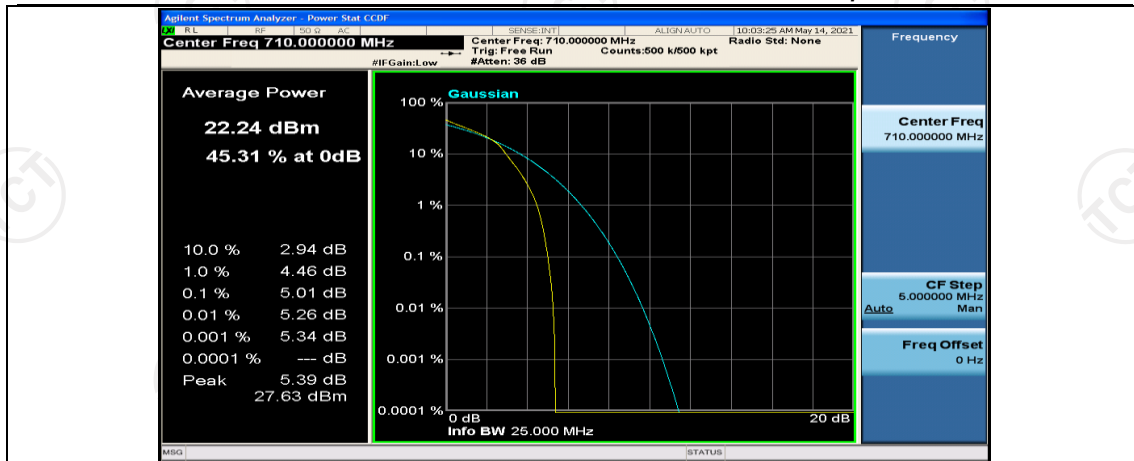


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

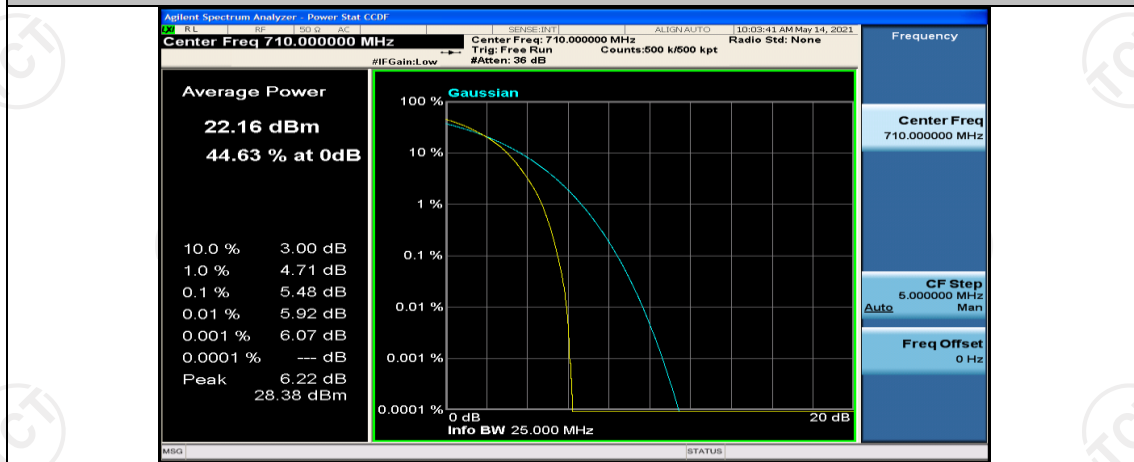


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

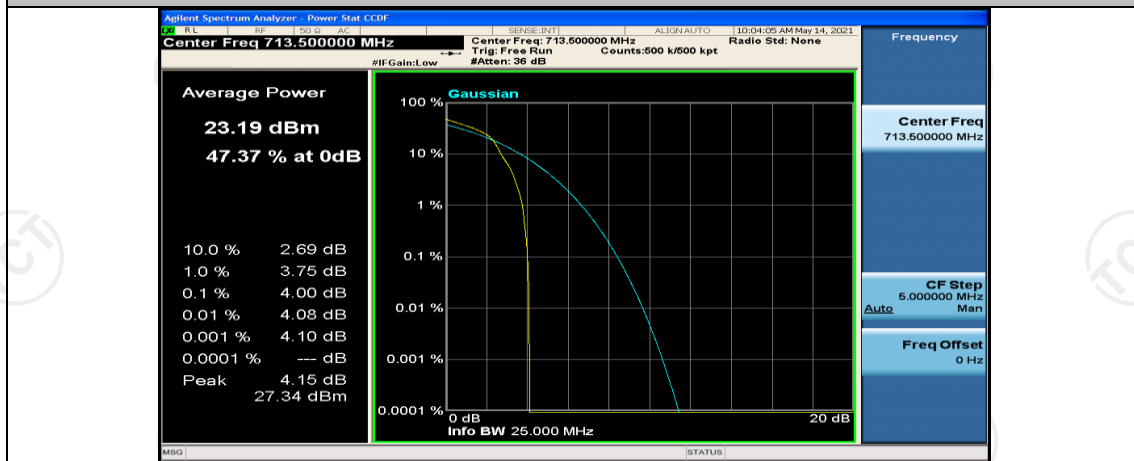




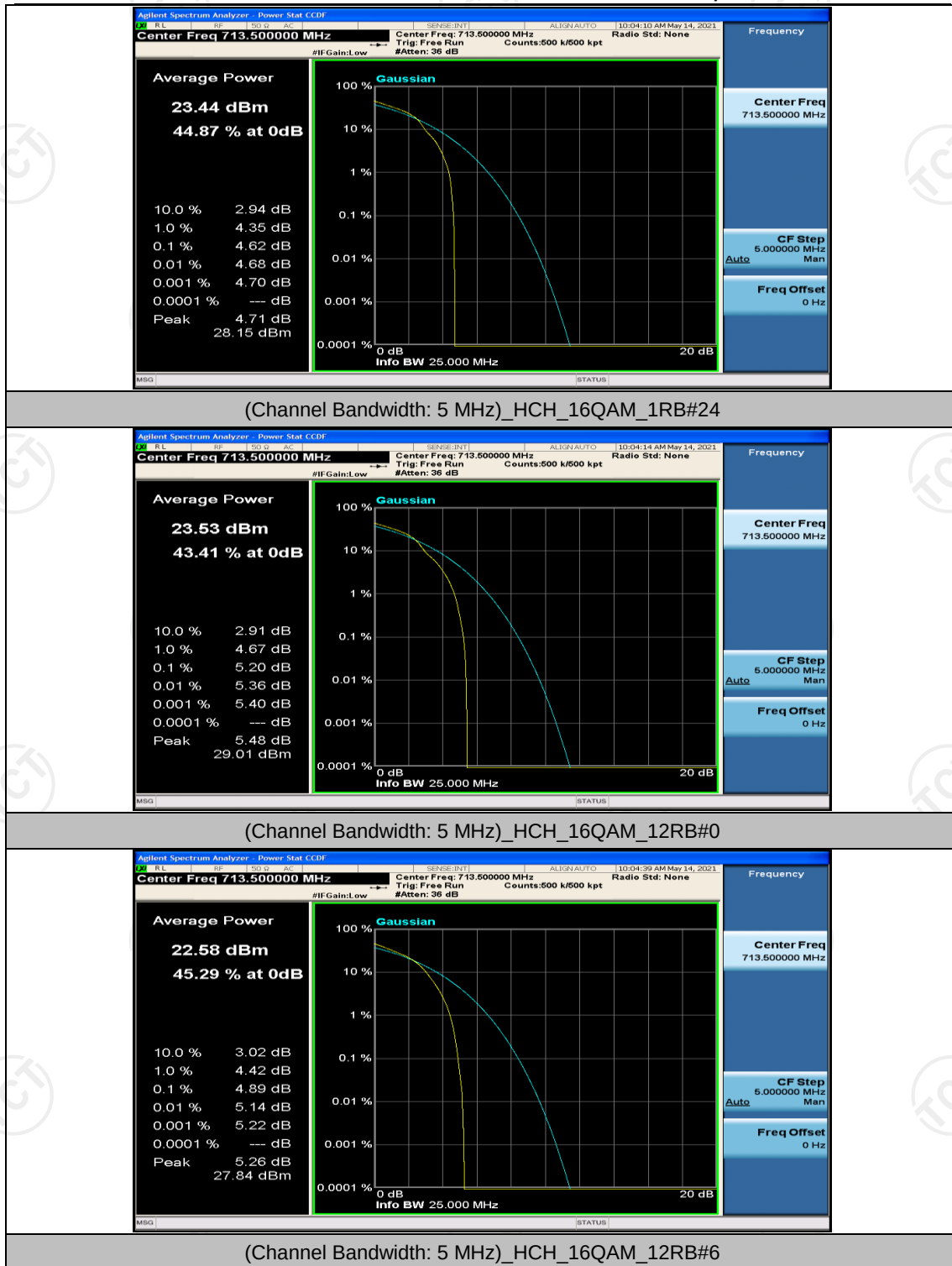
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

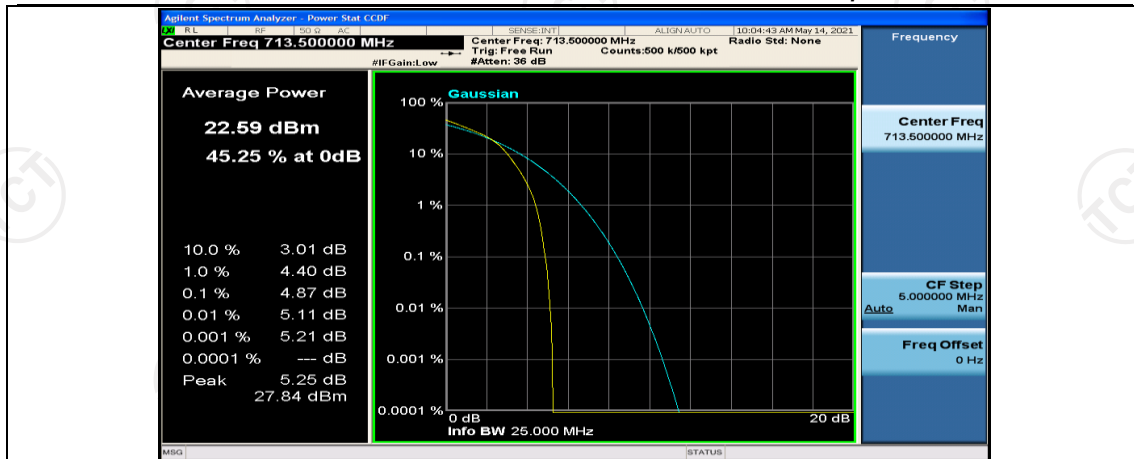


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

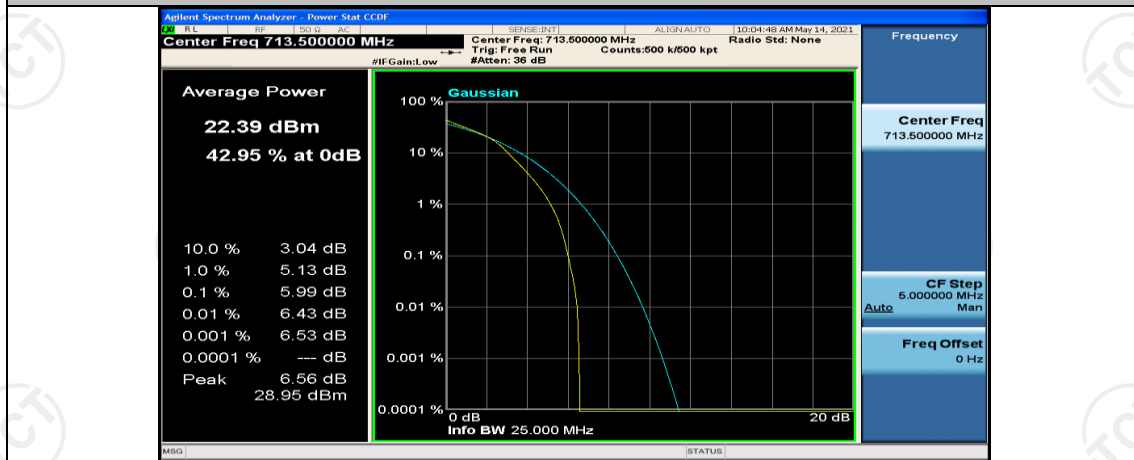


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

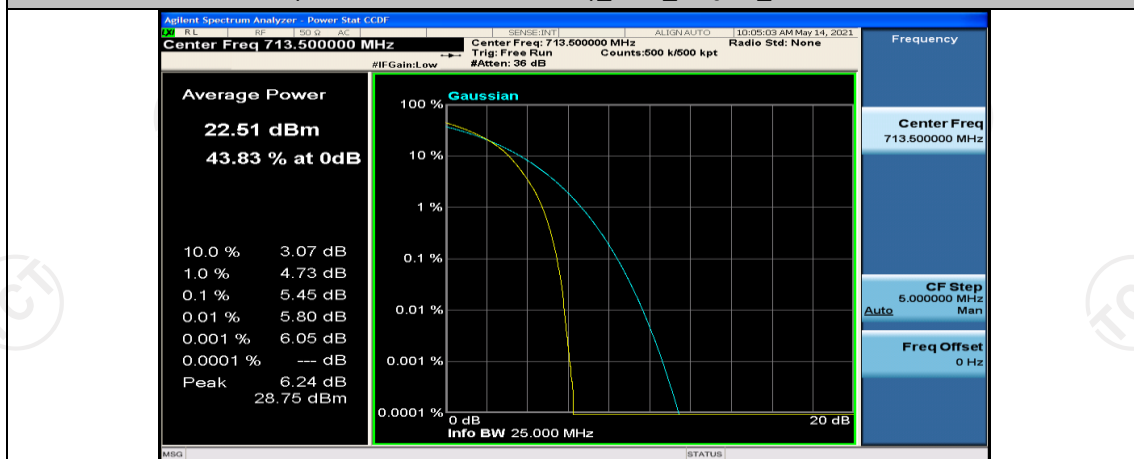




(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

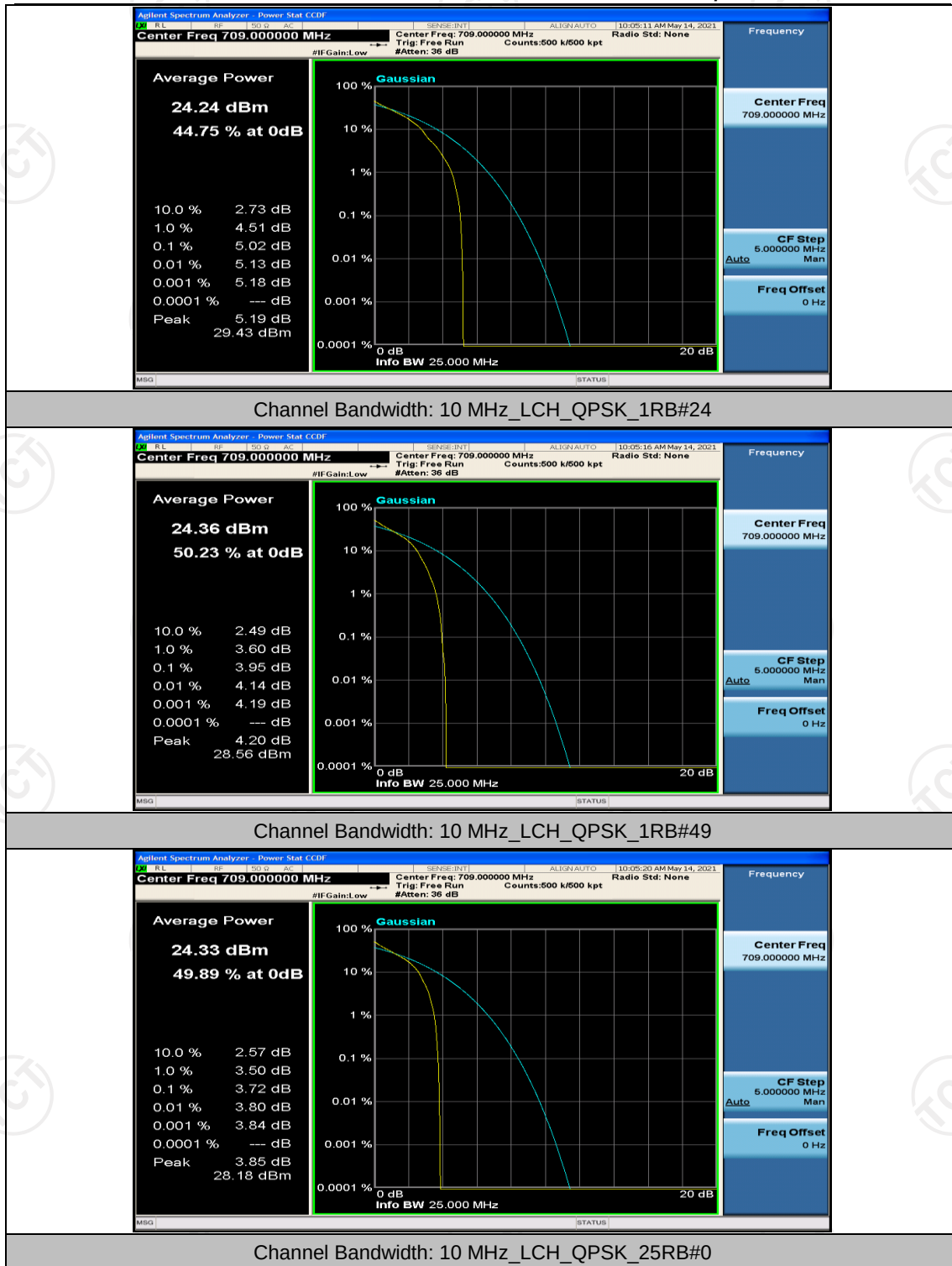


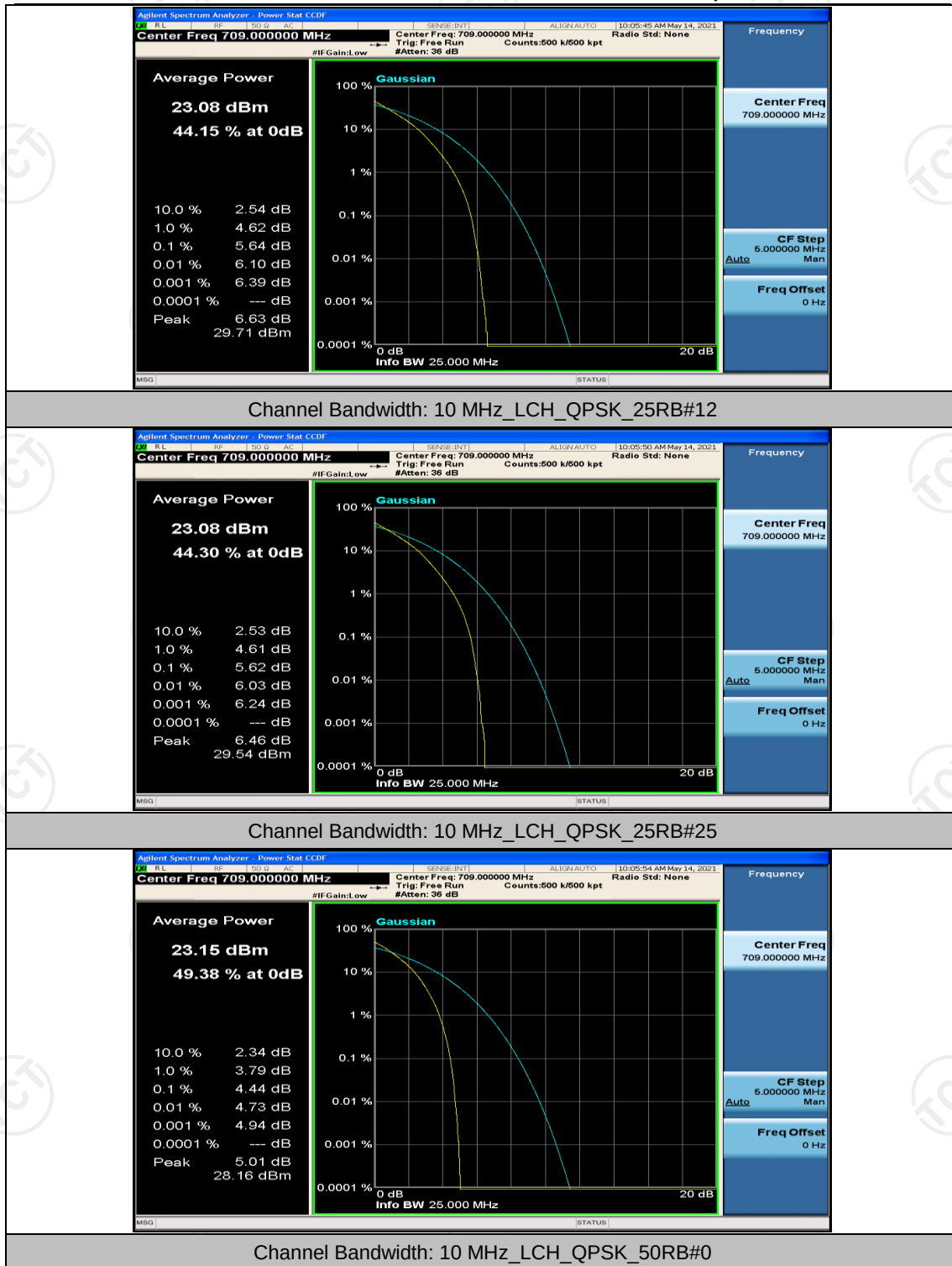
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

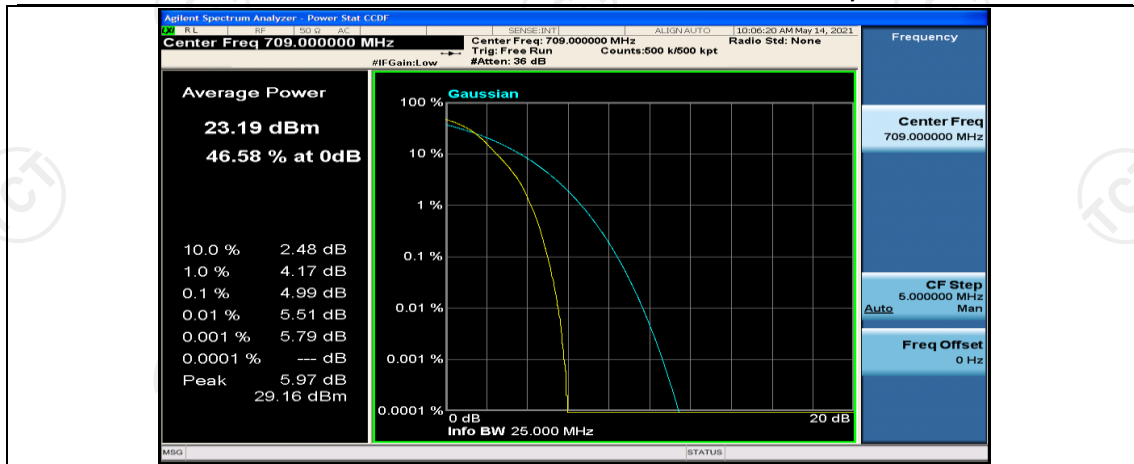


Channel Bandwidth: 10 MHz

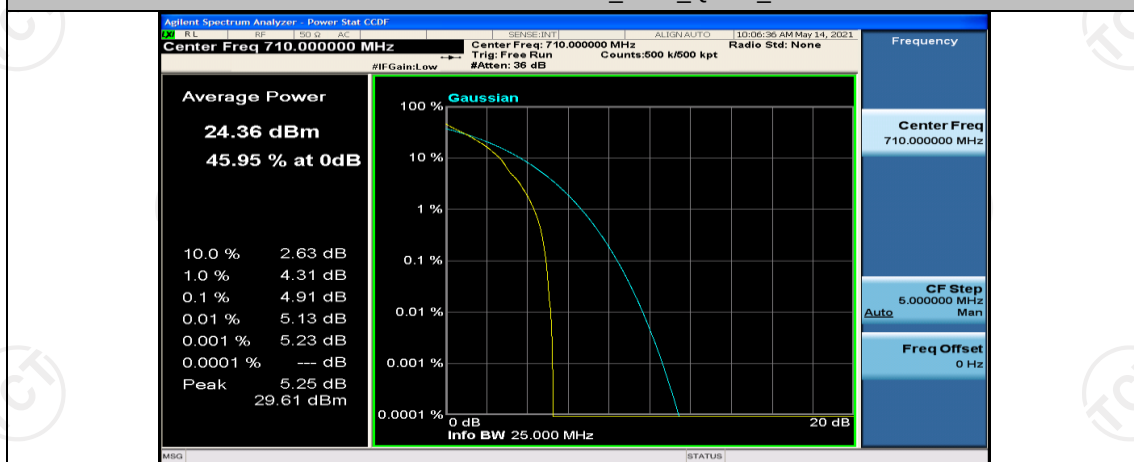
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0



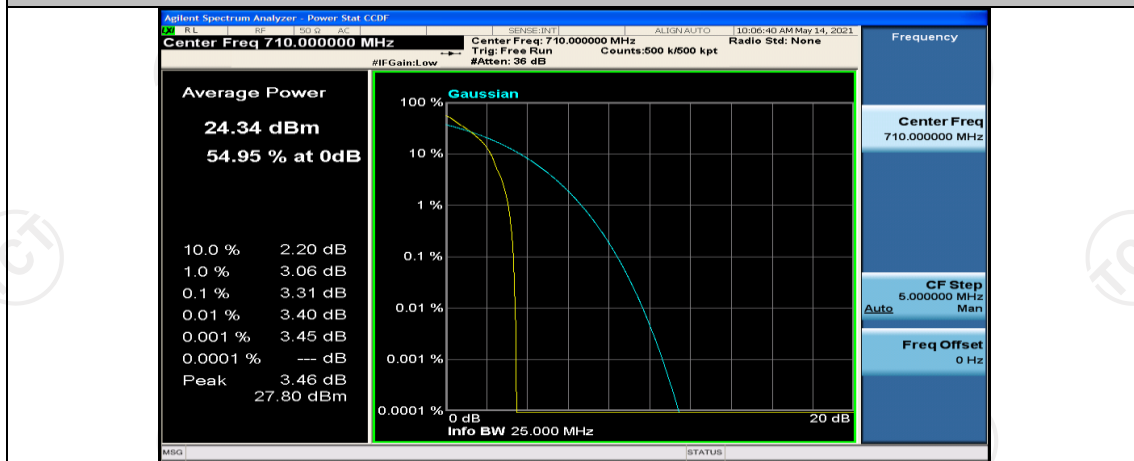




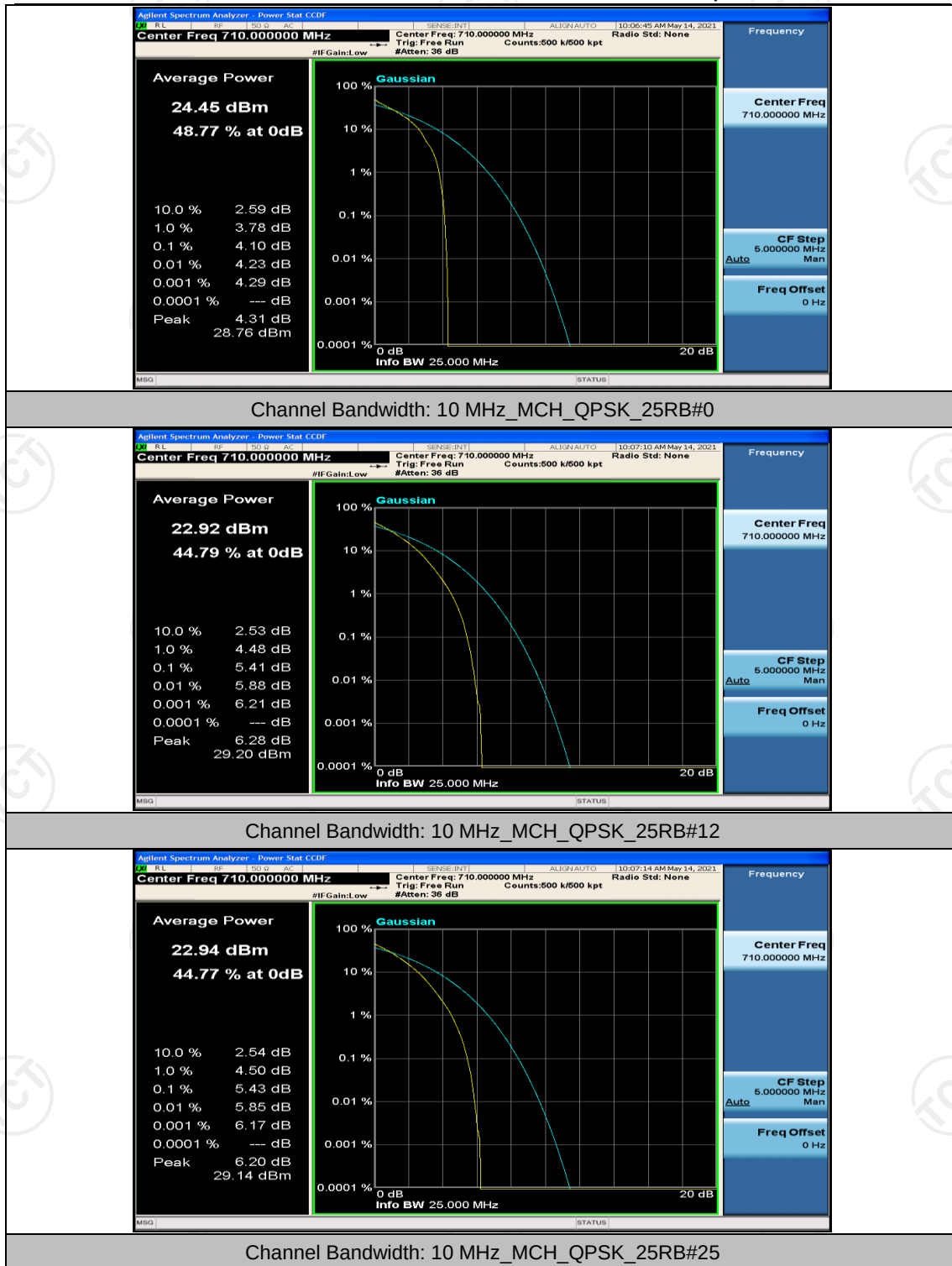
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

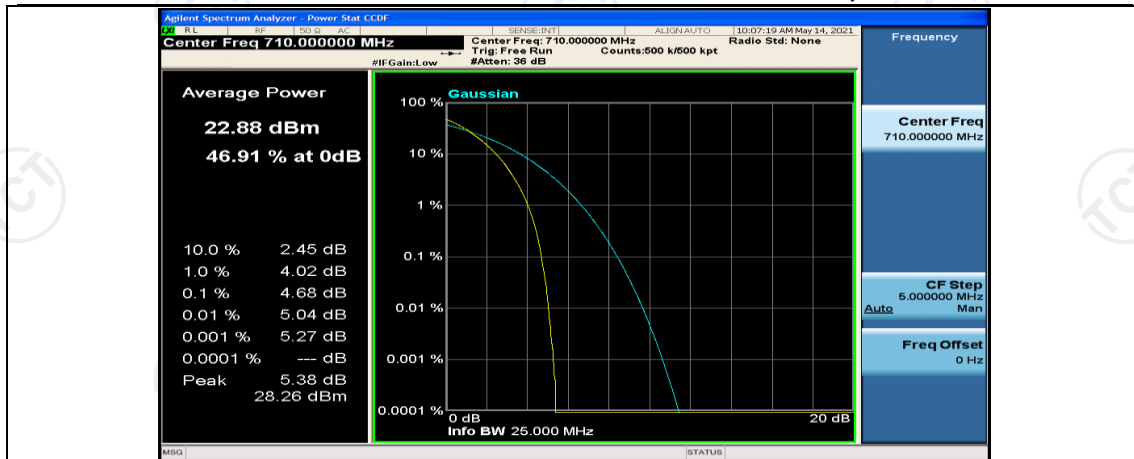


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

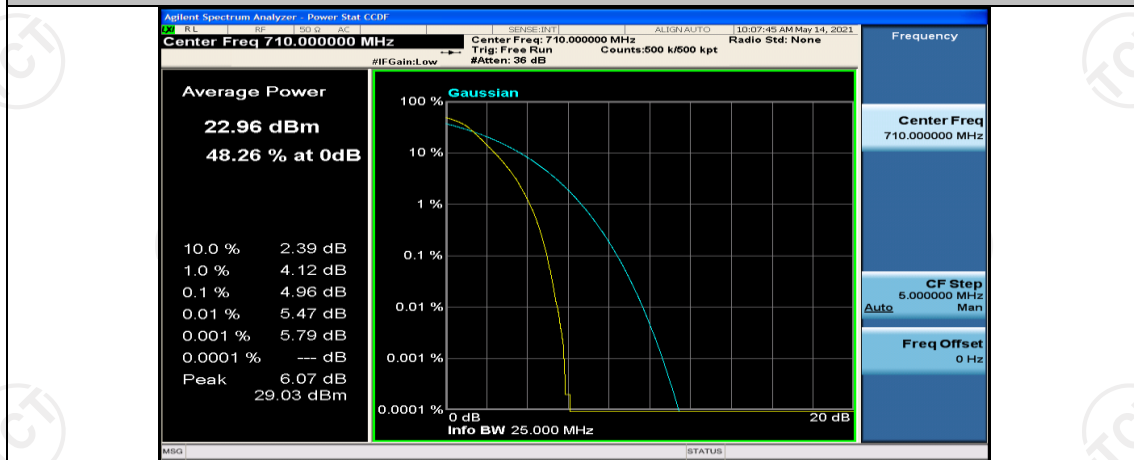


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

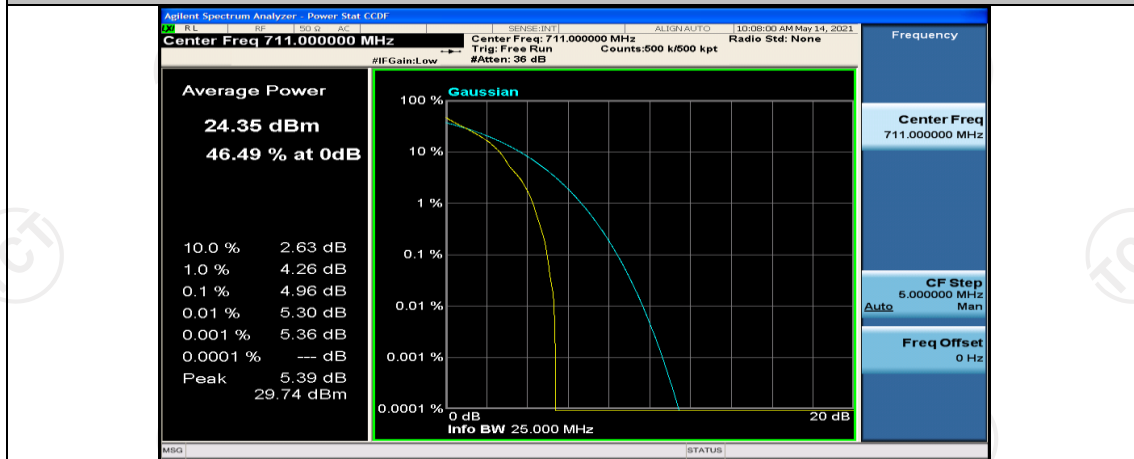




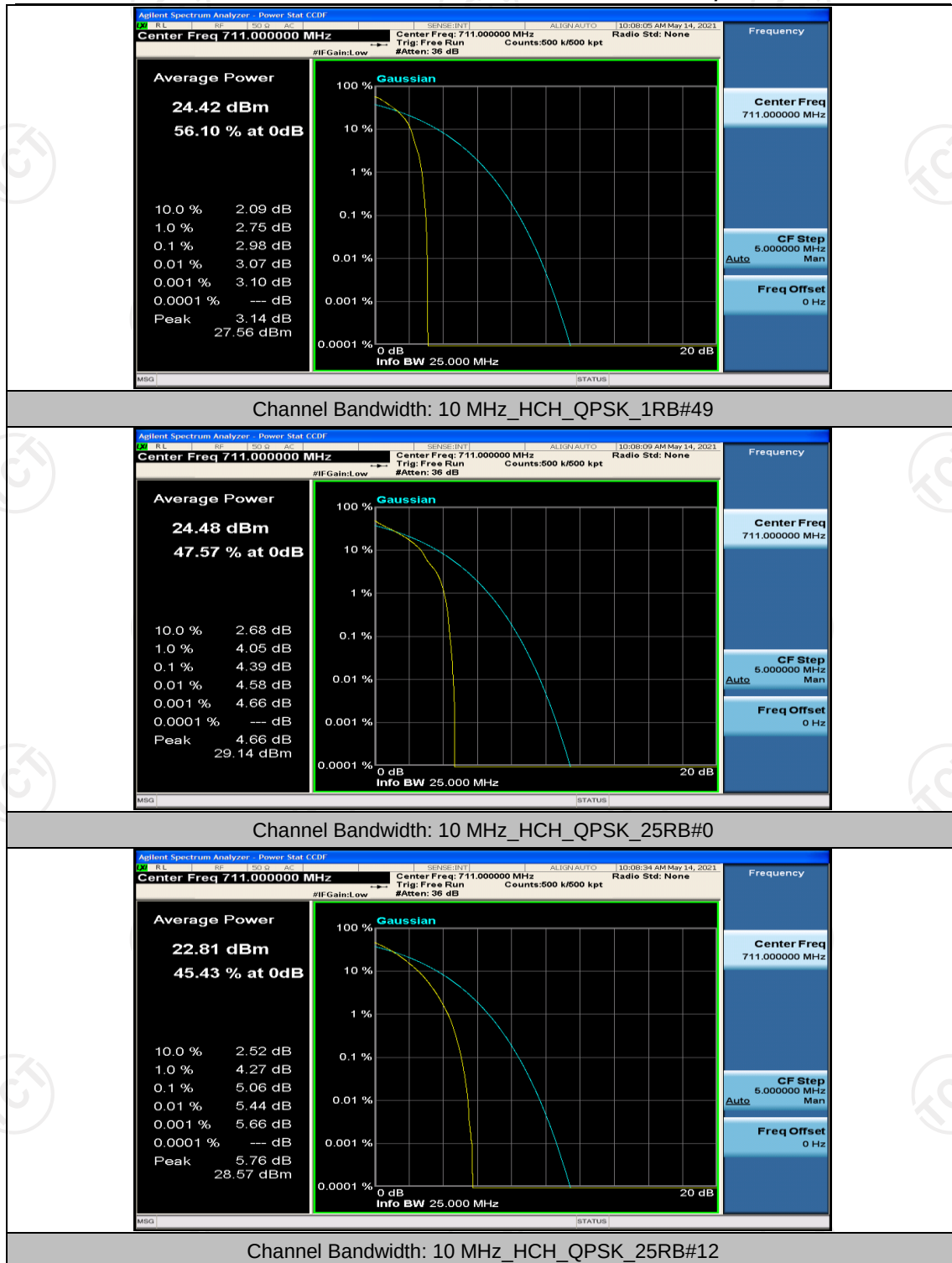
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

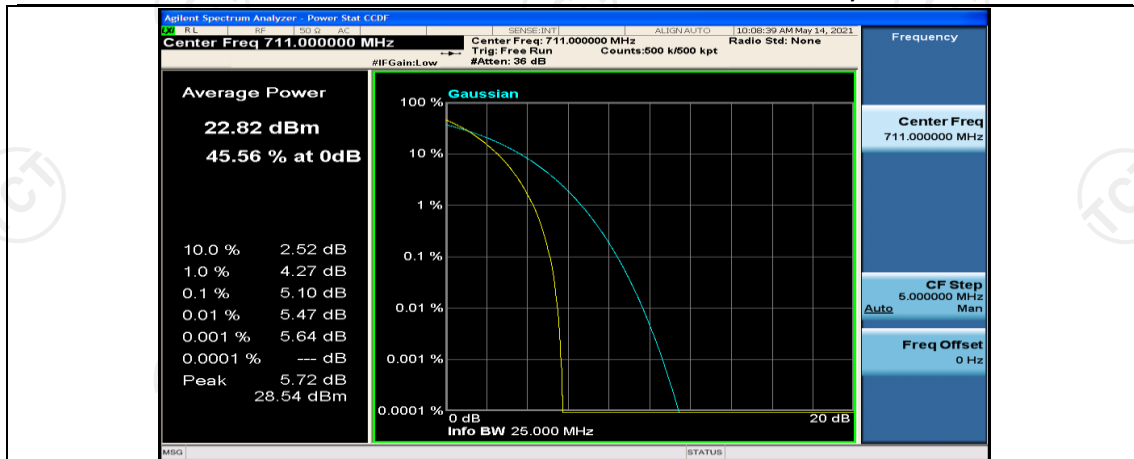


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

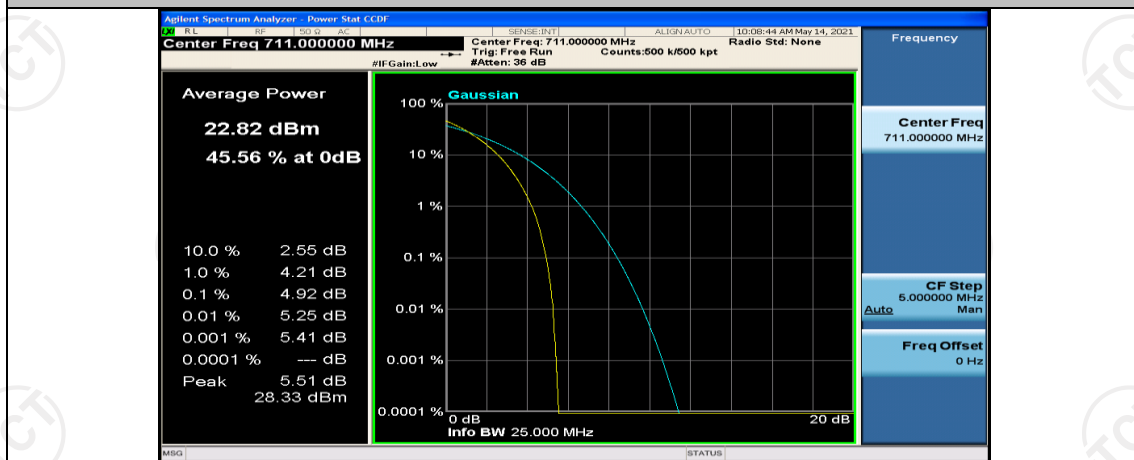


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

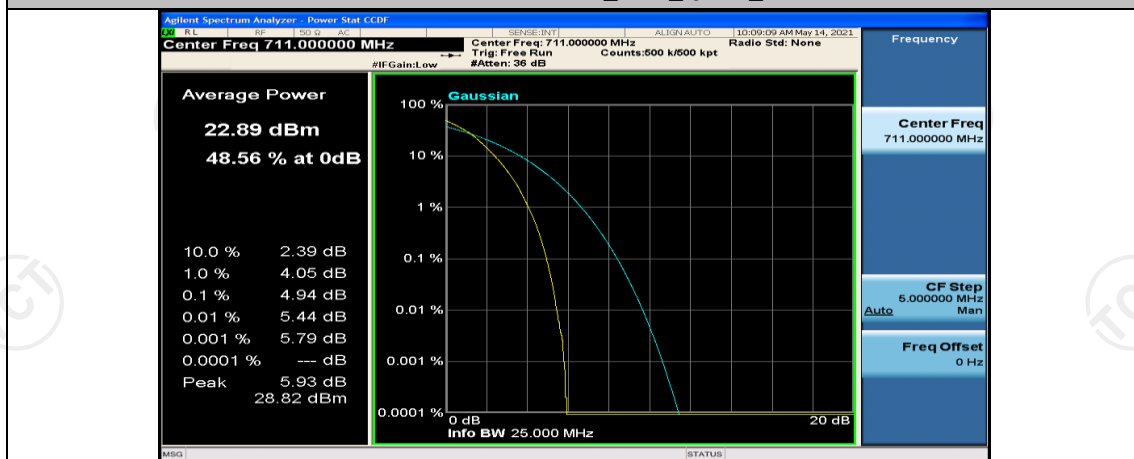




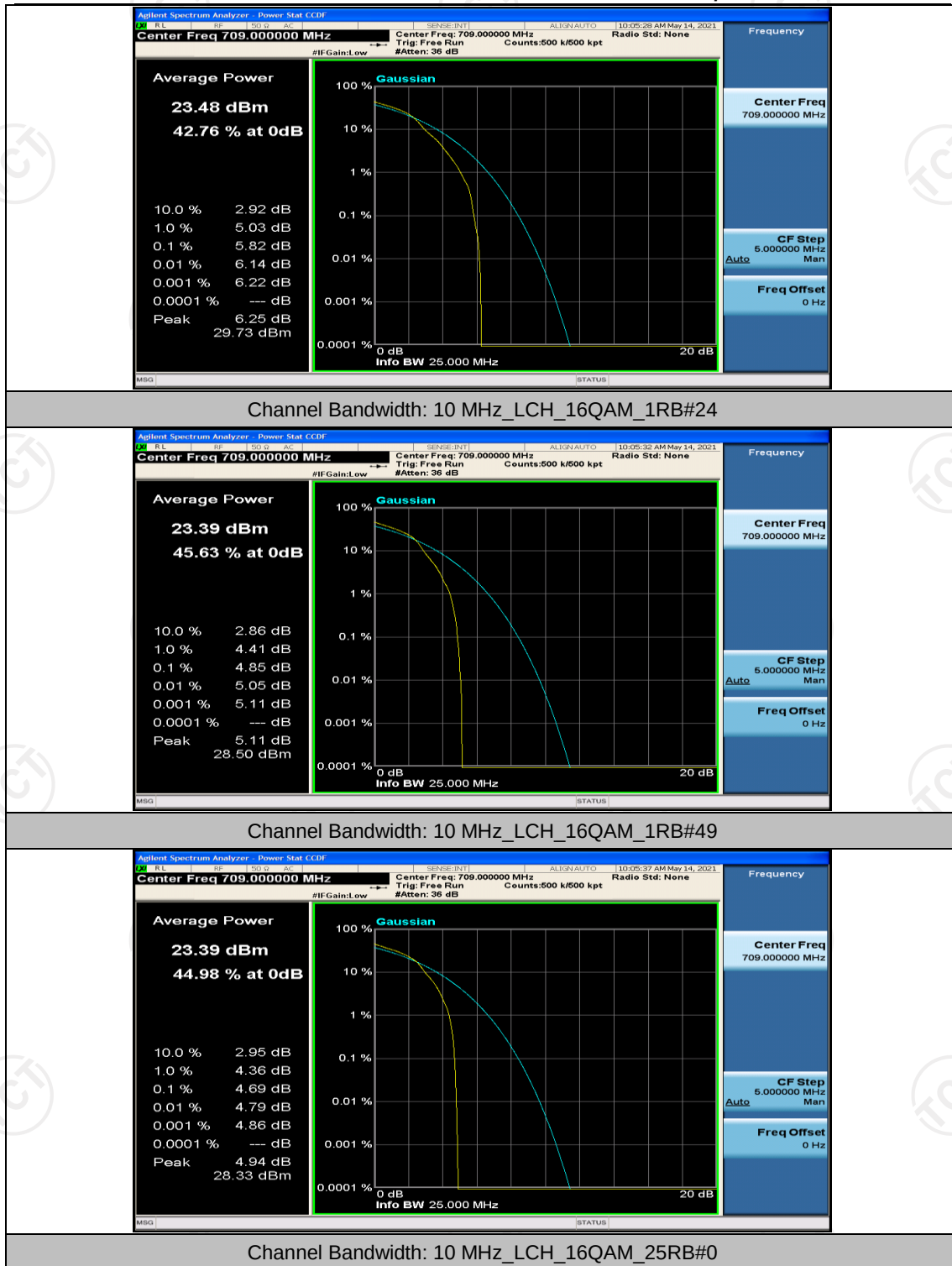
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25

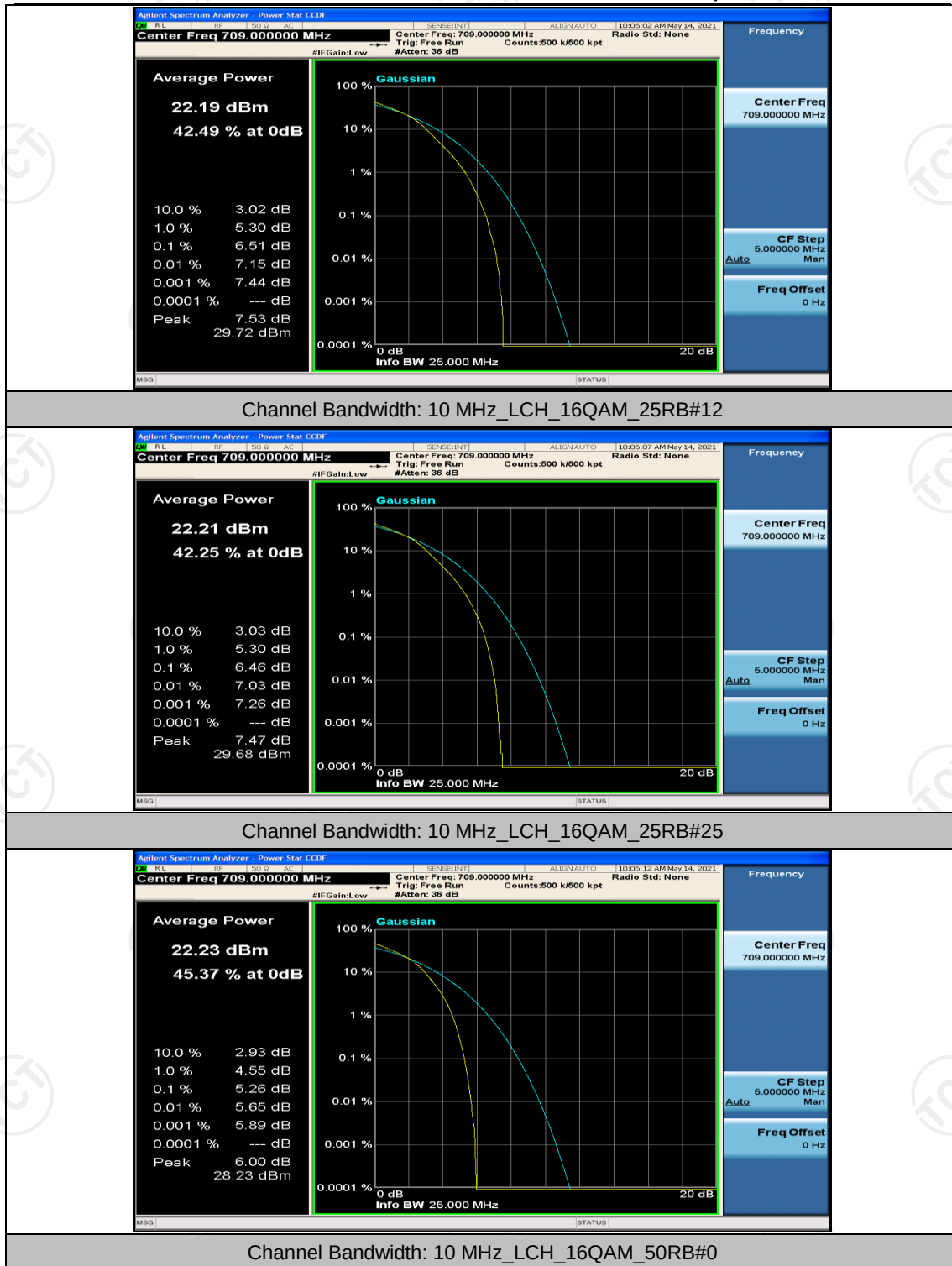


Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



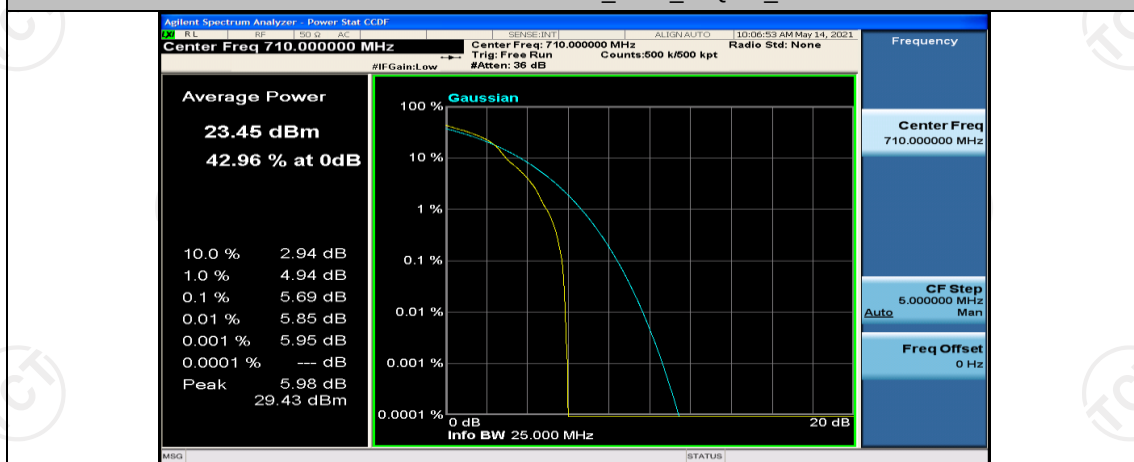
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



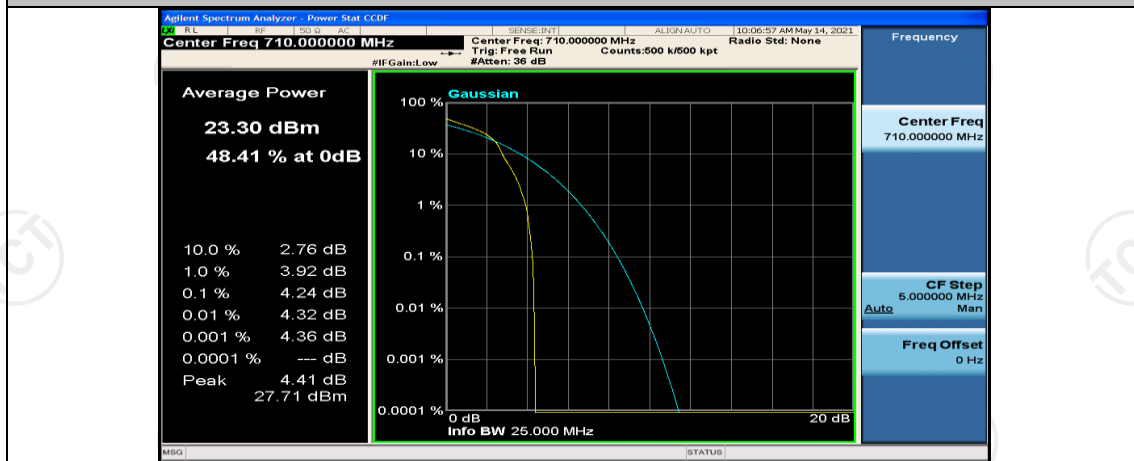




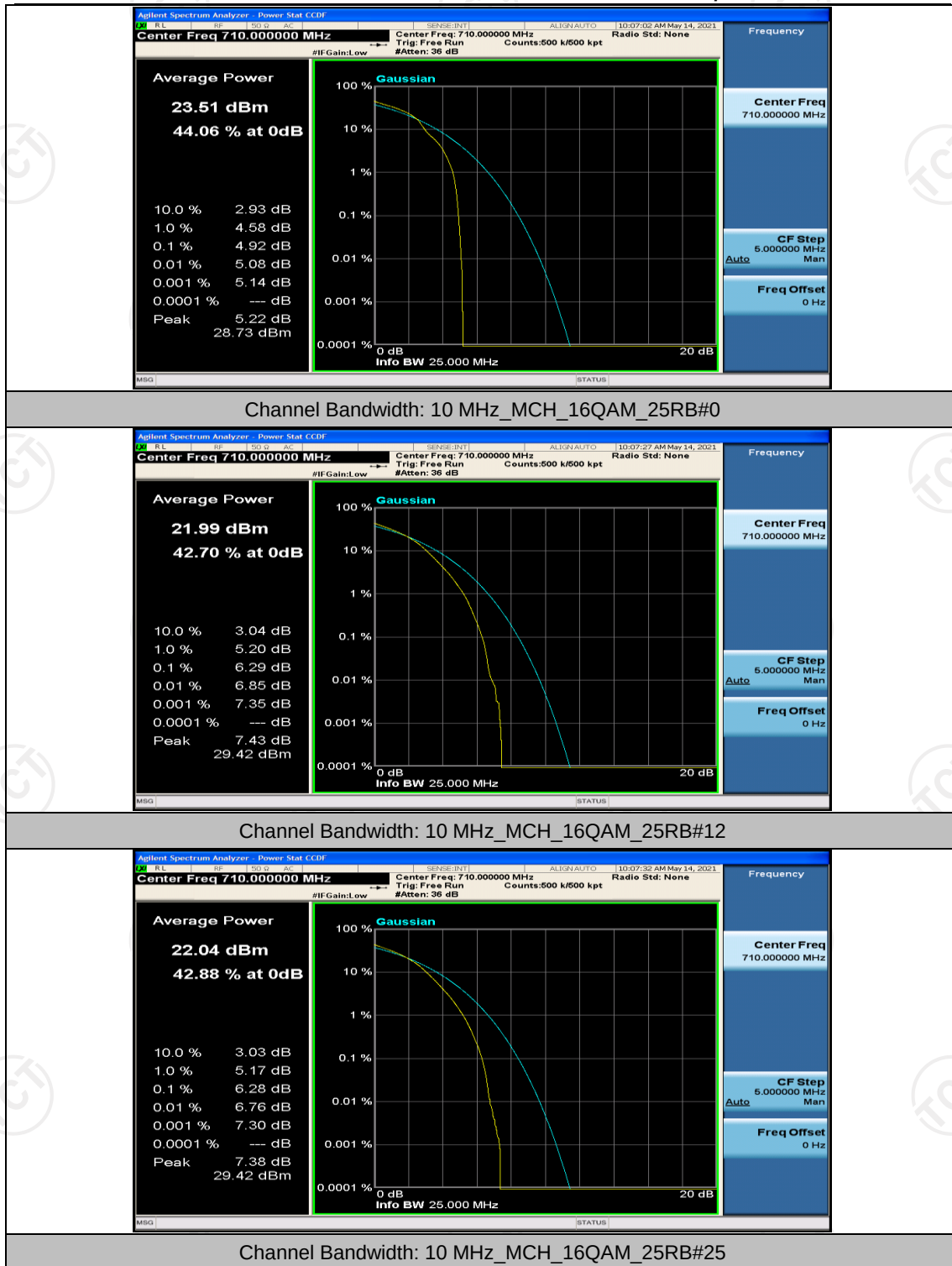
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

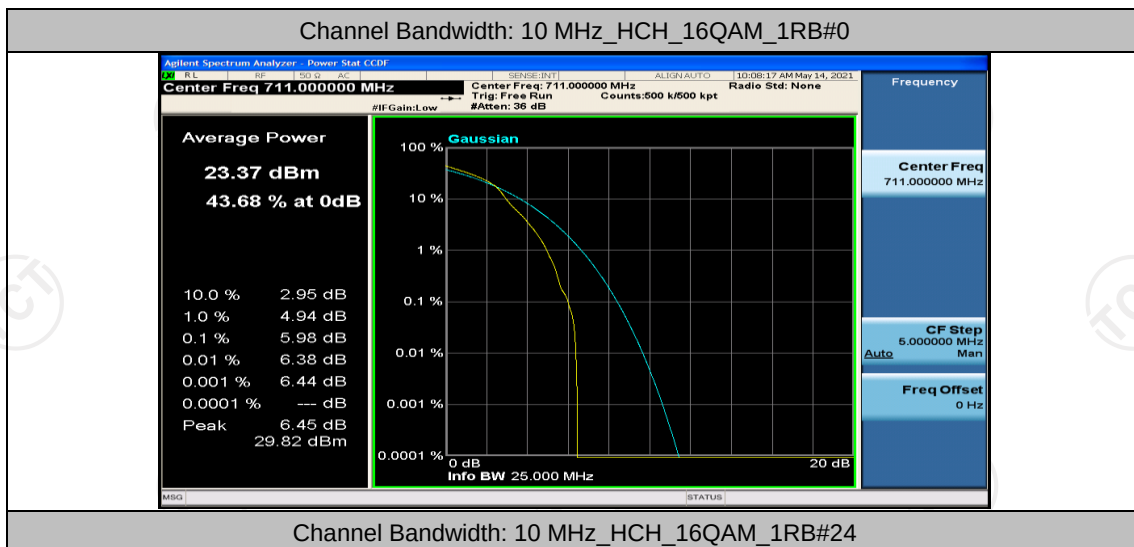
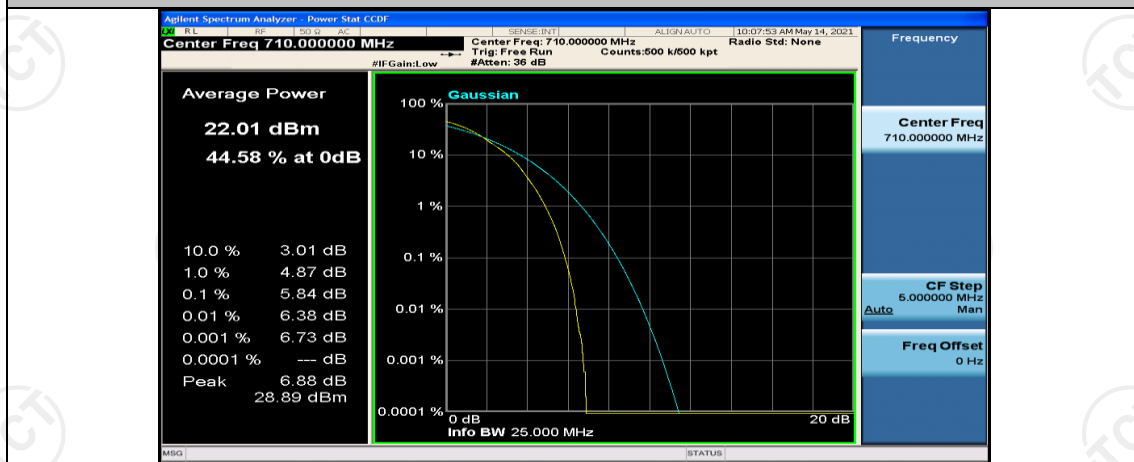
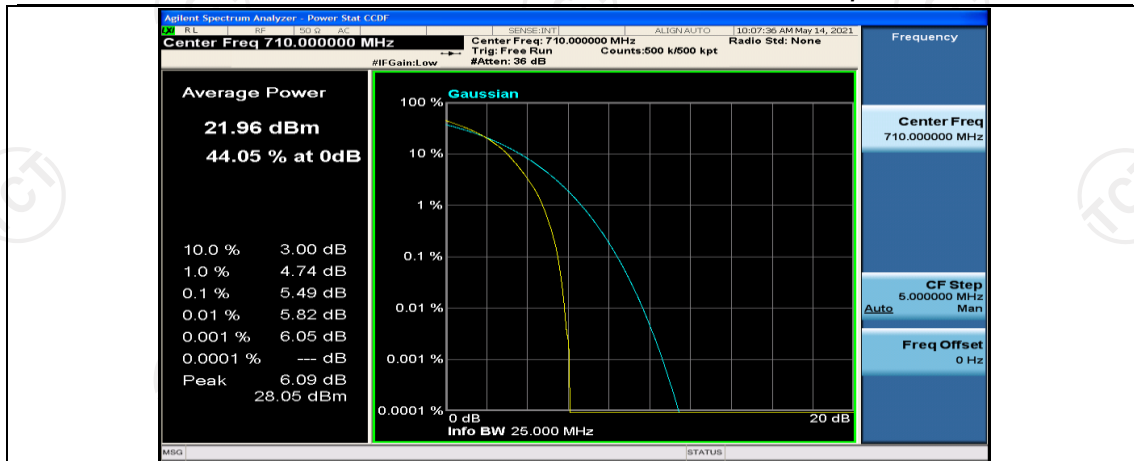


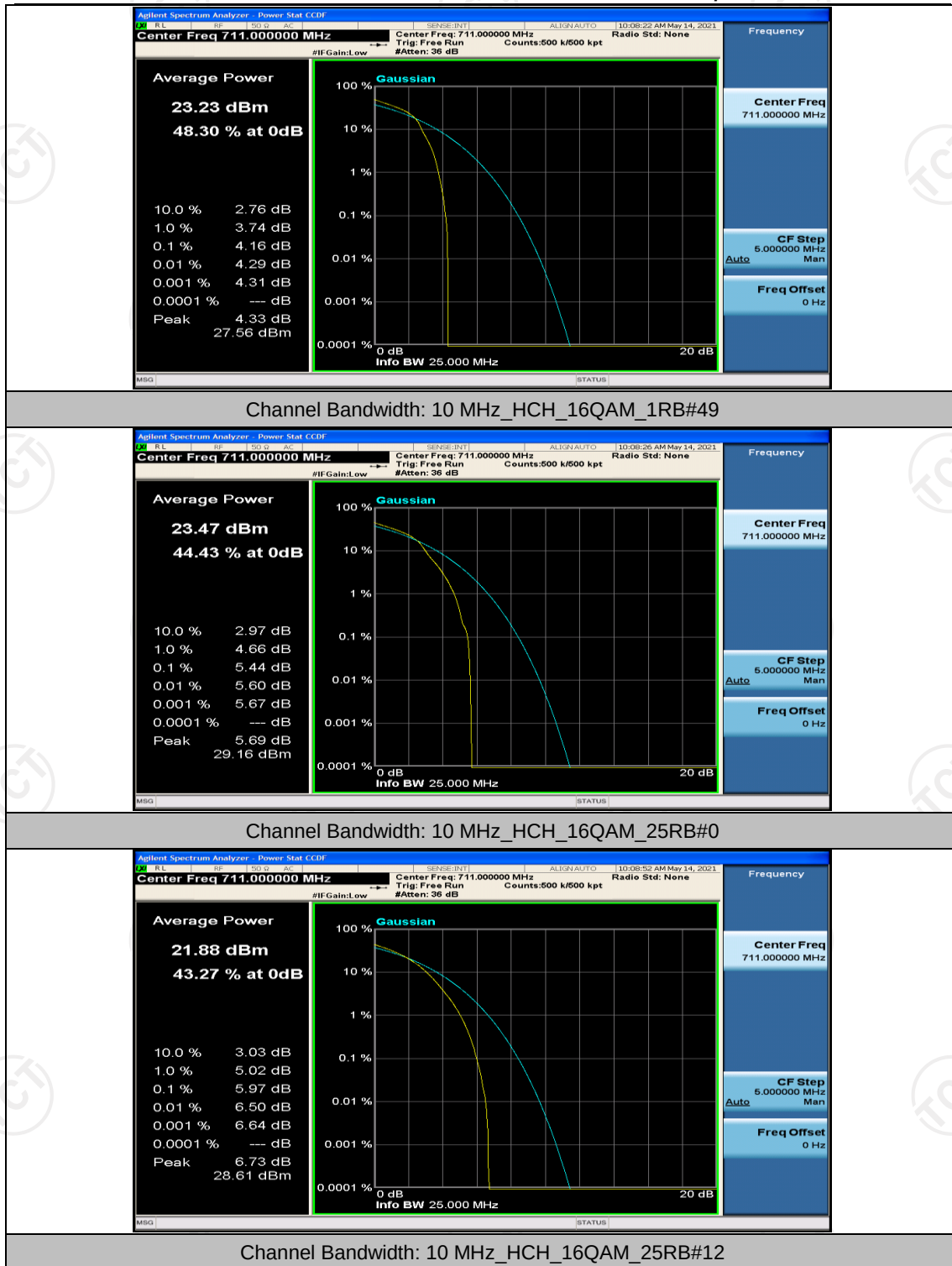
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

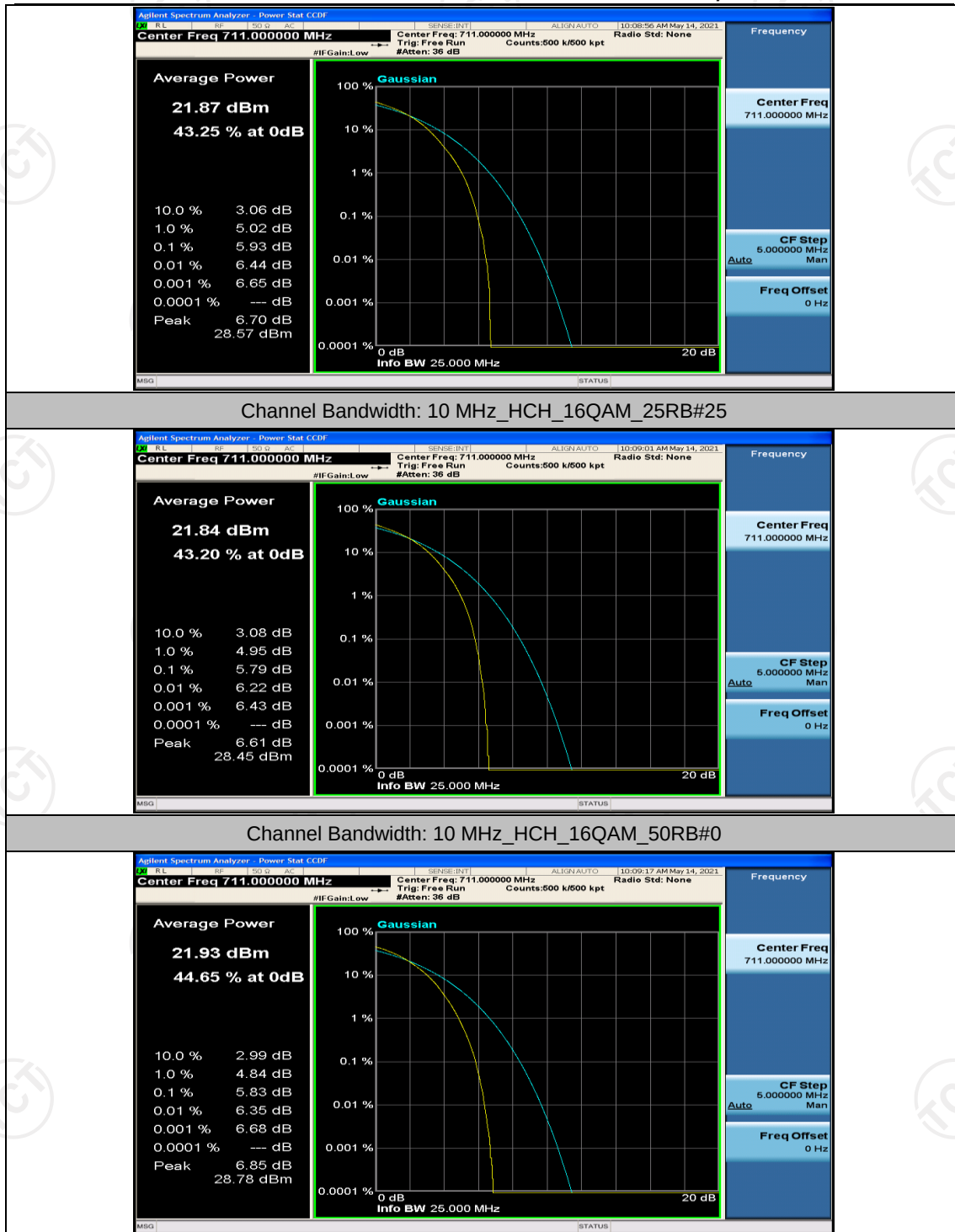


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49









Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 5 MHz

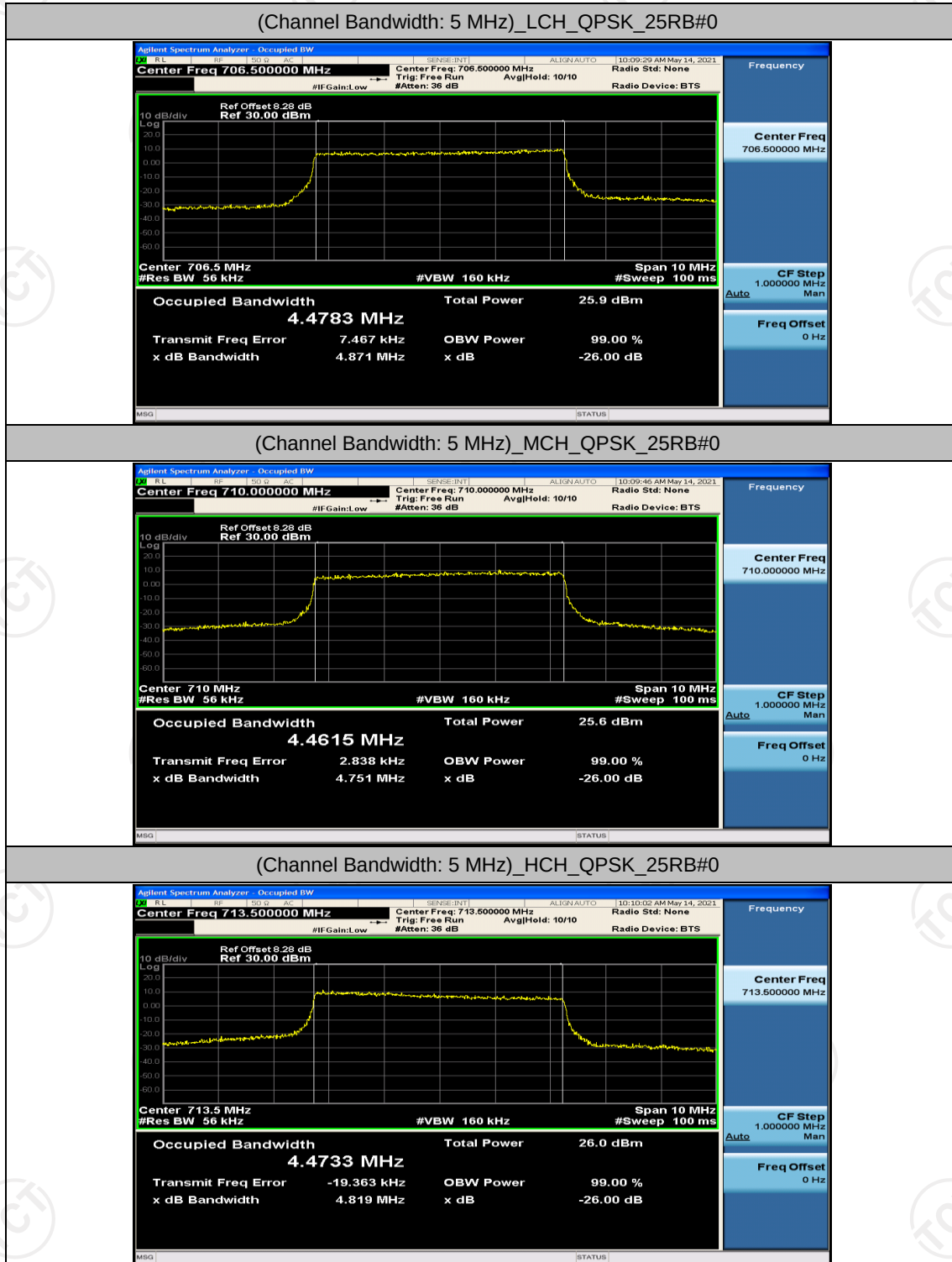
Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4783	4.871	PASS
	MCH	25	0	4.4615	4.751	PASS
	HCH	25	0	4.4733	4.819	PASS
16QAM	LCH	25	0	4.4894	4.963	PASS
	MCH	25	0	4.4587	4.811	PASS
	HCH	25	0	4.4780	4.857	PASS

Channel Bandwidth: 10 MHz

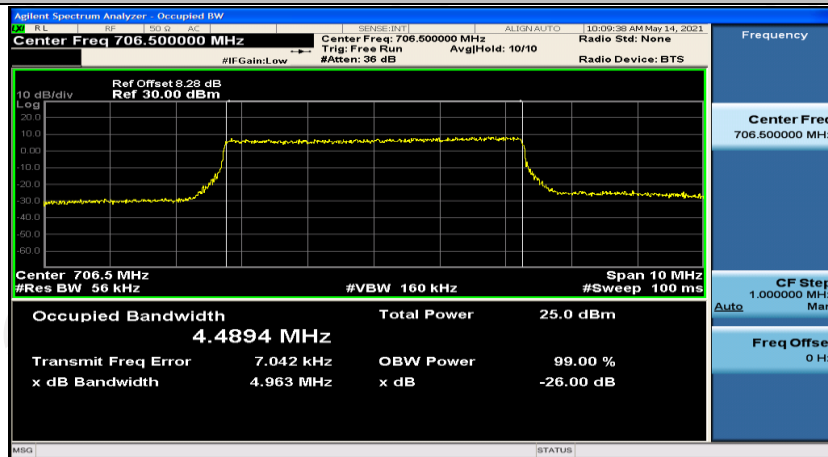
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9200	9.314	PASS
	MCH	50	0	8.8968	9.318	PASS
	HCH	50	0	8.8669	9.311	PASS
16QAM	LCH	50	0	8.8927	9.346	PASS
	MCH	50	0	8.8835	9.372	PASS
	HCH	50	0	8.8725	9.321	PASS

Test Graphs

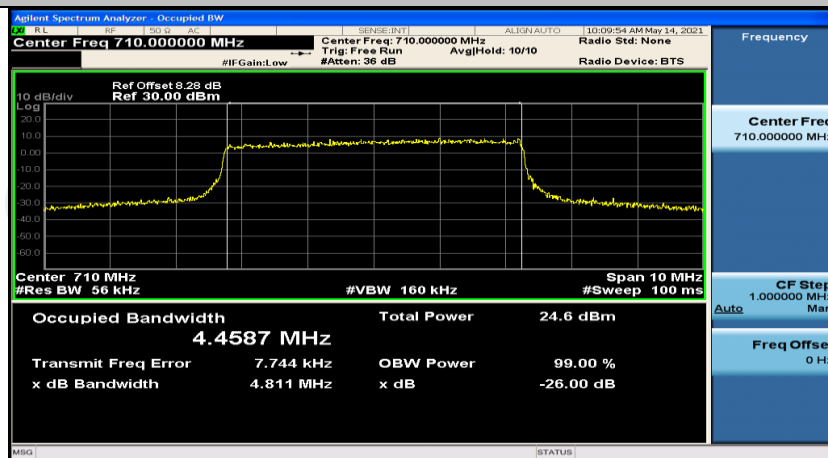
Channel Bandwidth: 5 MHz



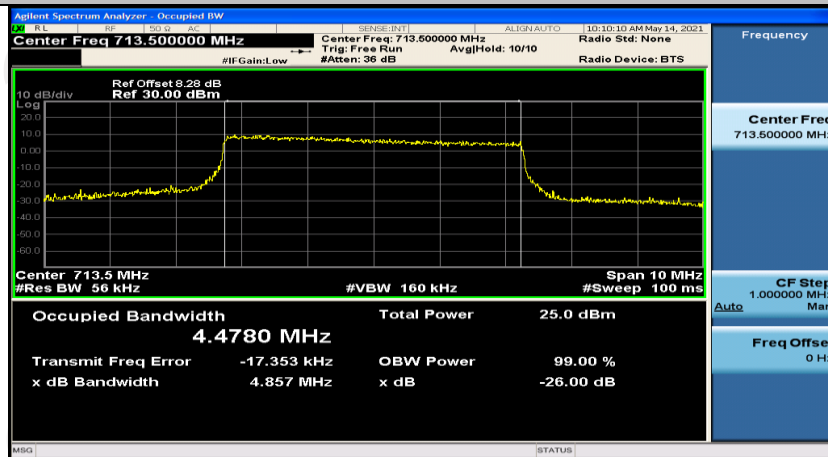
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



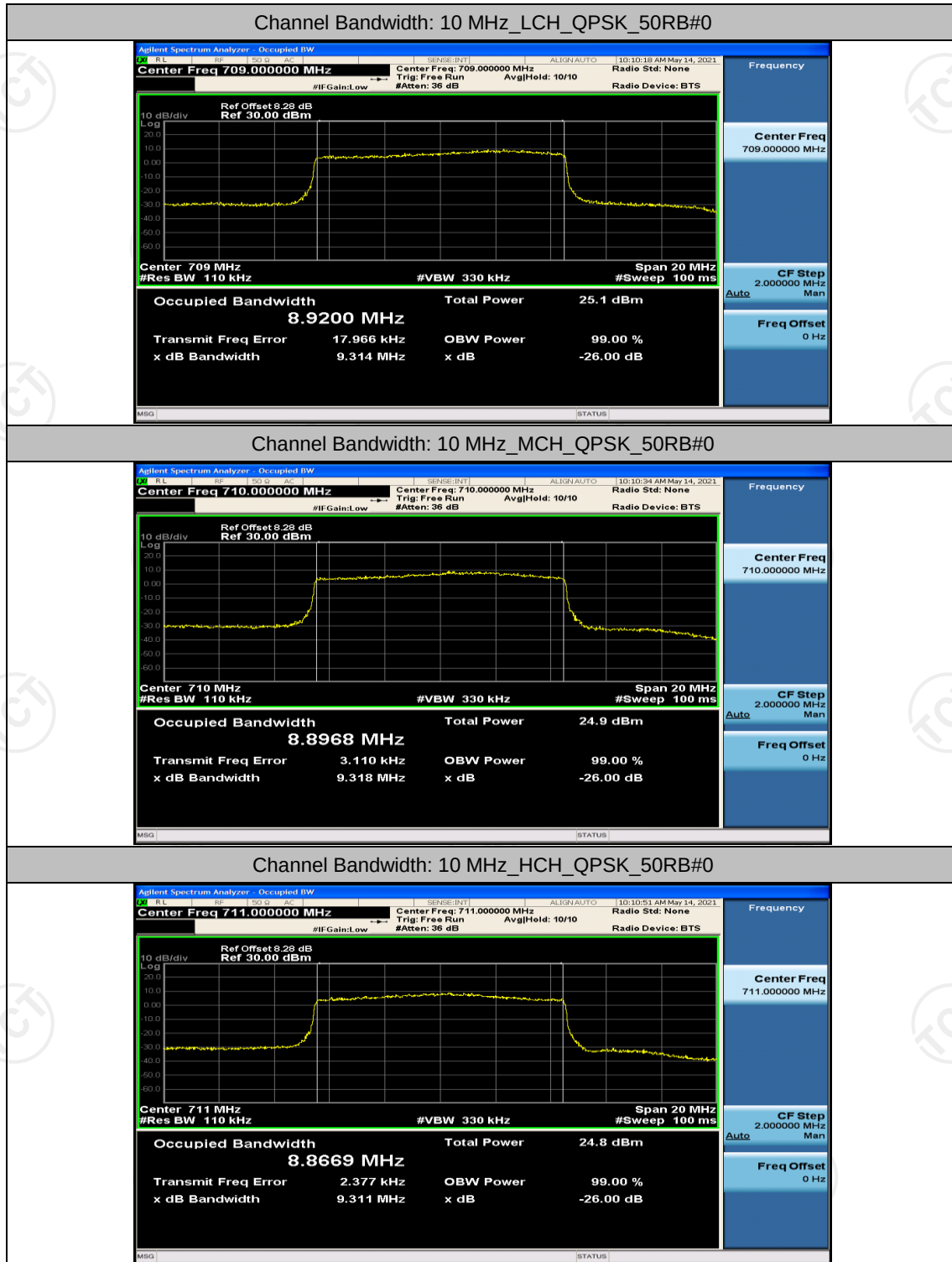
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



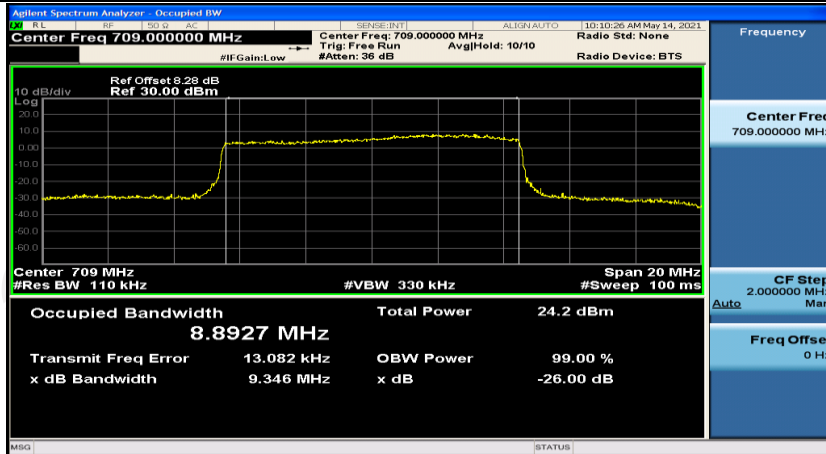
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



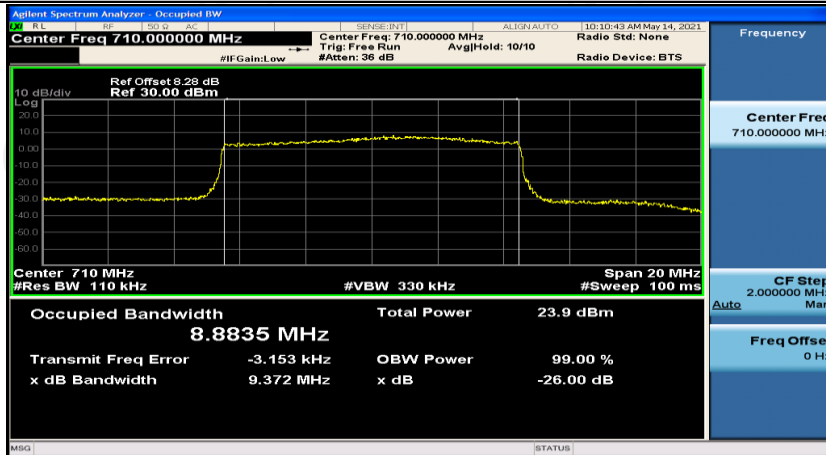
Channel Bandwidth: 10 MHz



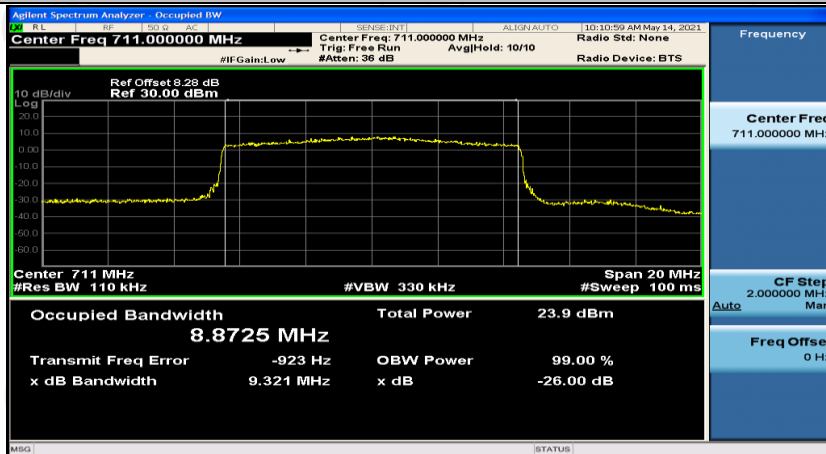
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

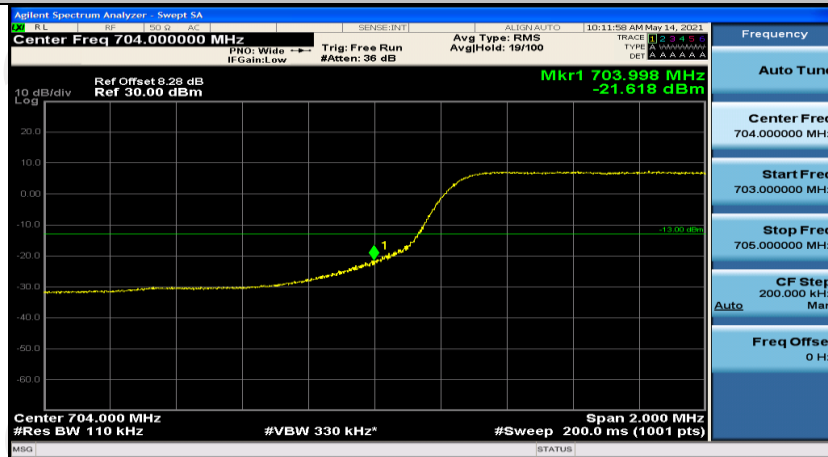


Appendix D: Band Edge

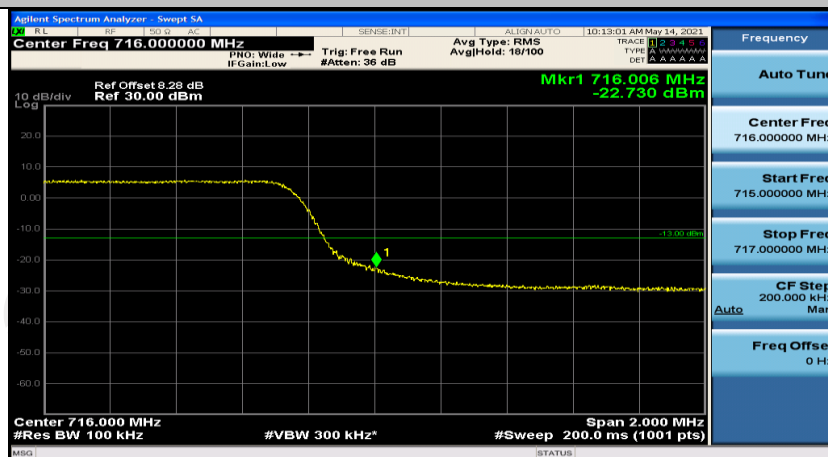
Test Graphs

Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0

