

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	23.38	21.13	PASS
		1	12	23.37	21.12	PASS
		1	24	23.44	21.19	PASS
		12	0	22.65	20.40	PASS
		12	6	22.65	20.40	PASS
		12	13	22.60	20.35	PASS
		25	0	22.63	20.38	PASS
	MCH	1	0	23.68	21.43	PASS
		1	12	23.53	21.28	PASS
		1	24	23.63	21.38	PASS
		12	0	22.57	20.32	PASS
		12	6	22.57	20.32	PASS
		12	13	22.45	20.20	PASS
		25	0	22.61	20.36	PASS
	HCH	1	0	23.52	21.27	PASS
		1	12	23.55	21.30	PASS
		1	24	23.44	21.19	PASS
		12	0	22.41	20.16	PASS
		12	6	22.41	20.16	PASS
		12	13	22.54	20.29	PASS
		25	0	22.58	20.33	PASS
16QAM	LCH	1	0	22.73	20.48	PASS
		1	12	22.77	20.52	PASS
		1	24	22.68	20.43	PASS
		12	0	21.63	19.38	PASS
		12	6	21.60	19.35	PASS
		12	13	21.74	19.49	PASS
		25	0	21.48	19.23	PASS
	MCH	1	0	22.08	19.83	PASS
		1	12	22.10	19.85	PASS
		1	24	22.05	19.80	PASS
		12	0	21.44	19.19	PASS
		12	6	21.46	19.21	PASS

		12	13	21.55	19.30	PASS
		25	0	21.57	19.32	PASS
	HCH	1	0	21.95	19.70	PASS
		1	12	21.87	19.62	PASS
		1	24	21.88	19.63	PASS
		12	0	21.54	19.29	PASS
		12	6	21.49	19.24	PASS
		12	13	21.53	19.28	PASS
		25	0	21.57	19.32	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	23.50	21.25	PASS
		1	24	23.53	21.28	PASS
		1	49	23.51	21.26	PASS
		25	0	22.60	20.35	PASS
		25	12	22.64	20.39	PASS
		25	25	22.45	20.20	PASS
		50	0	22.59	20.34	PASS
	MCH	1	0	23.45	21.20	PASS
		1	24	23.43	21.18	PASS
		1	49	23.55	21.30	PASS
		25	0	22.59	20.34	PASS
		25	12	22.57	20.32	PASS
		25	25	22.45	20.20	PASS
		50	0	22.63	20.38	PASS
	HCH	1	0	23.53	21.28	PASS
		1	24	23.51	21.26	PASS
		1	49	23.45	21.20	PASS
		25	0	22.46	20.21	PASS
		25	12	22.47	20.22	PASS
		25	25	22.55	20.30	PASS
		50	0	22.59	20.34	PASS
16QAM	LCH	1	0	22.20	19.95	PASS
		1	24	22.21	19.96	PASS
		1	49	22.21	19.96	PASS
		25	0	21.39	19.14	PASS
		25	12	21.40	19.15	PASS
		25	25	21.52	19.27	PASS

	MCH	50	0	21.63	19.38	PASS
		1	0	22.42	20.17	PASS
		1	24	22.45	20.20	PASS
		1	49	22.34	20.09	PASS
		25	0	21.71	19.46	PASS
		25	12	21.73	19.48	PASS
		25	25	21.72	19.47	PASS
		50	0	21.68	19.43	PASS
	HCH	1	0	23.17	20.92	PASS
		1	24	23.13	20.88	PASS
		1	49	22.99	20.74	PASS
		25	0	21.67	19.42	PASS
		25	12	21.70	19.45	PASS
		25	25	21.59	19.34	PASS
		50	0	21.69	19.44	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	4.62	<13	PASS
		1	12	4.58	<13	PASS
		1	24	4.80	<13	PASS
		12	0	5.06	<13	PASS
		12	6	5.14	<13	PASS
		12	13	5.11	<13	PASS
		25	0	5.06	<13	PASS
	MCH	1	0	4.44	<13	PASS
		1	12	4.80	<13	PASS
		1	24	4.79	<13	PASS
		12	0	5.24	<13	PASS
		12	6	5.21	<13	PASS
		12	13	5.47	<13	PASS
		25	0	5.26	<13	PASS
	HCH	1	0	5.10	<13	PASS
		1	12	4.52	<13	PASS
		1	24	3.71	<13	PASS
		12	0	5.32	<13	PASS
		12	6	5.33	<13	PASS
		12	13	4.73	<13	PASS
		25	0	5.06	<13	PASS
16QAM	LCH	1	0	5.33	<13	PASS
		1	12	5.10	<13	PASS
		1	24	5.27	<13	PASS
		12	0	5.89	<13	PASS
		12	6	5.90	<13	PASS
		12	13	5.93	<13	PASS
		25	0	5.92	<13	PASS
	MCH	1	0	5.39	<13	PASS
		1	12	5.54	<13	PASS
		1	24	5.49	<13	PASS
		12	0	6.10	<13	PASS

		12	6	6.03	<13	PASS
		12	13	6.29	<13	PASS
		25	0	5.99	<13	PASS
	HCH	1	0	6.01	<13	PASS
		1	12	5.49	<13	PASS
		1	24	4.88	<13	PASS
		12	0	6.06	<13	PASS
		12	6	6.11	<13	PASS
		12	13	5.67	<13	PASS
		25	0	5.85	<13	PASS

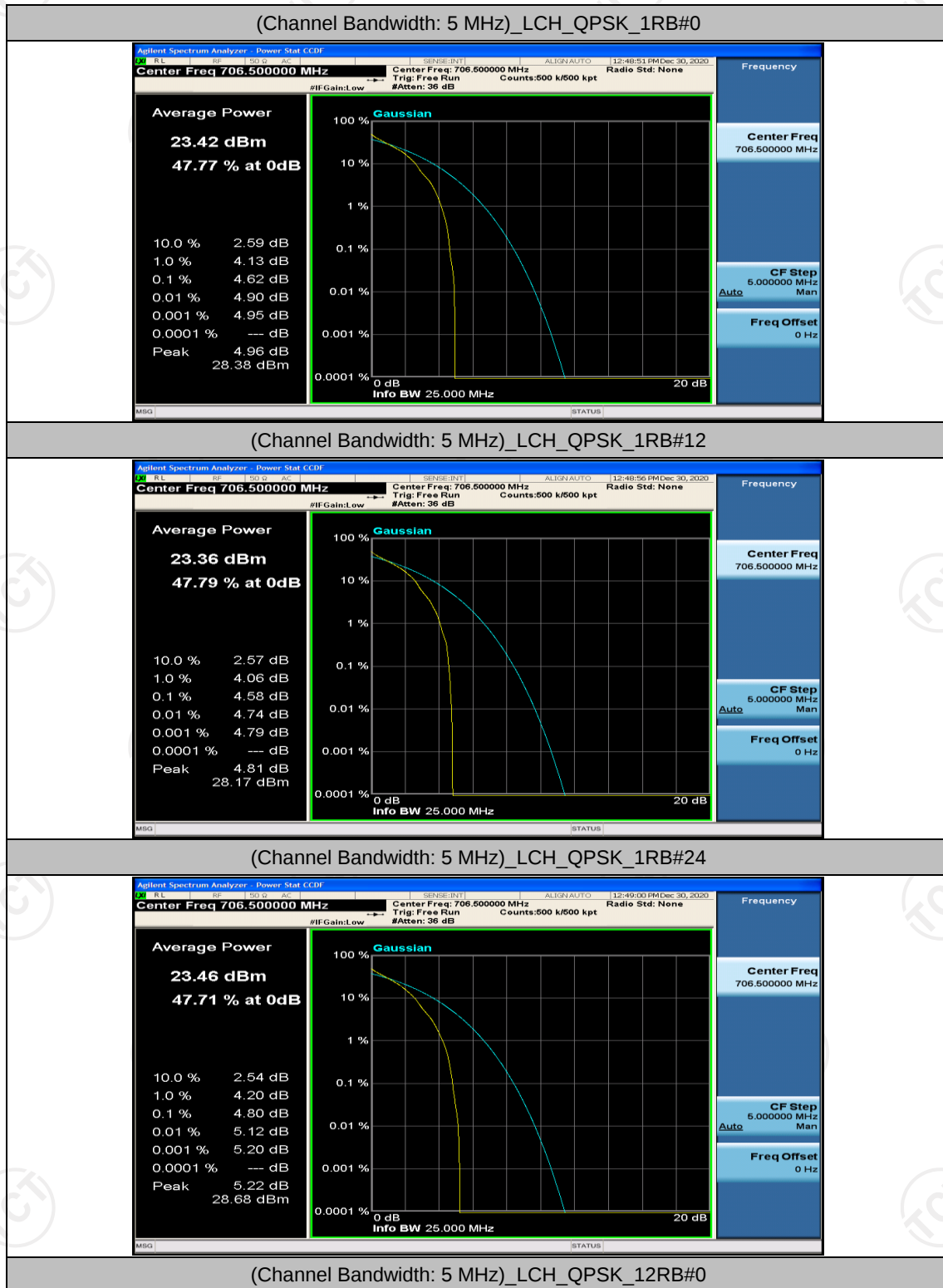
Channel Bandwidth: 10 MHz

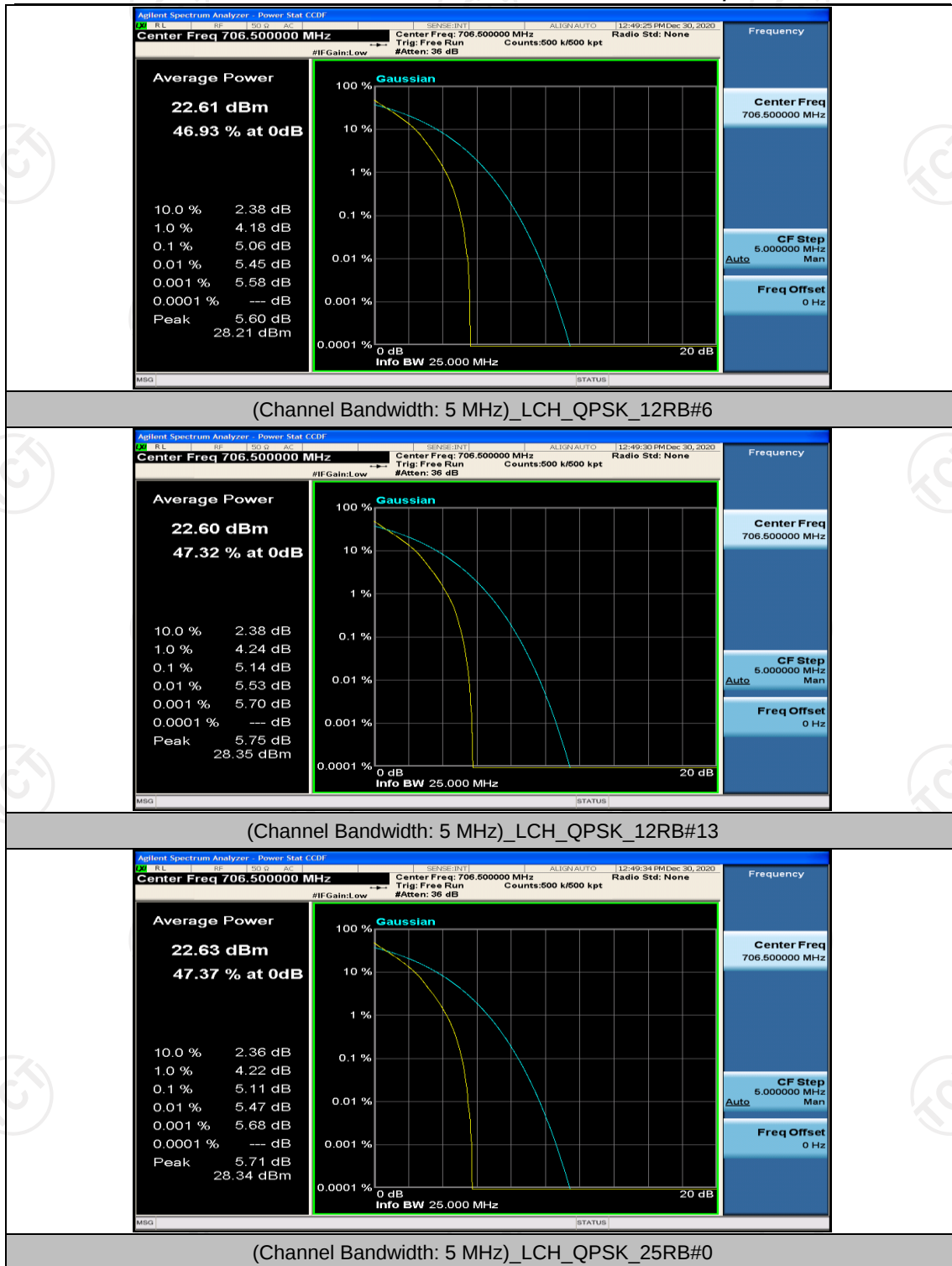
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.46	<13	PASS
		1	24	4.52	<13	PASS
		1	49	4.46	<13	PASS
		25	0	5.12	<13	PASS
		25	12	5.10	<13	PASS
		25	25	5.30	<13	PASS
		50	0	5.26	<13	PASS
	MCH	1	0	4.46	<13	PASS
		1	24	4.84	<13	PASS
		1	49	3.97	<13	PASS
		25	0	5.17	<13	PASS
		25	12	5.22	<13	PASS
		25	25	5.37	<13	PASS
		50	0	5.15	<13	PASS
	HCH	1	0	4.47	<13	PASS
		1	24	4.90	<13	PASS
		1	49	3.67	<13	PASS
		25	0	5.16	<13	PASS
		25	12	5.15	<13	PASS
		25	25	5.11	<13	PASS
		50	0	5.20	<13	PASS
16QAM	LCH	1	0	5.74	<13	PASS
		1	24	5.80	<13	PASS
		1	49	5.61	<13	PASS
		25	0	6.04	<13	PASS
		25	12	5.99	<13	PASS

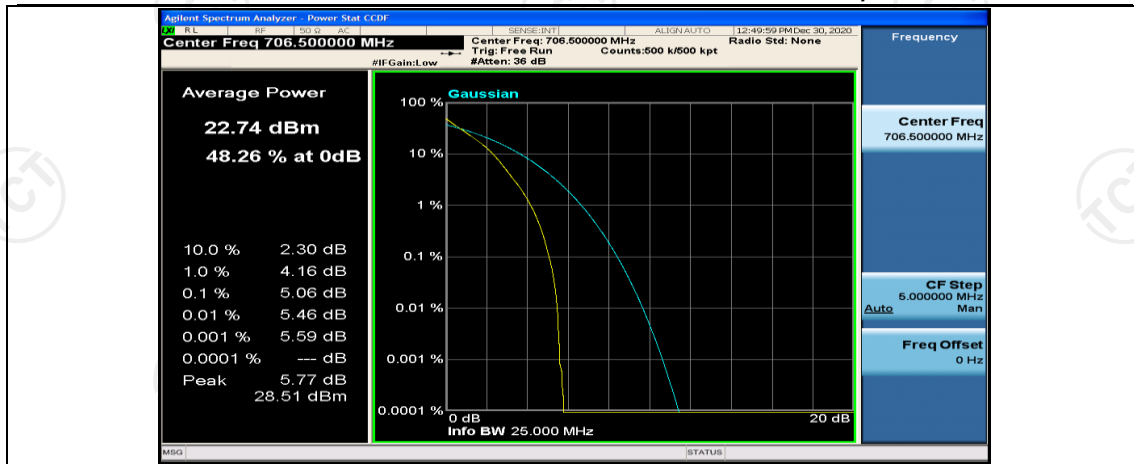
		25	25	6.18	<13	PASS
		50	0	5.95	<13	PASS
	MCH	1	0	5.25	<13	PASS
		1	24	5.49	<13	PASS
		1	49	5.00	<13	PASS
		25	0	5.95	<13	PASS
		25	12	5.91	<13	PASS
		25	25	6.10	<13	PASS
		50	0	6.00	<13	PASS
	HCH	1	0	4.94	<13	PASS
		1	24	5.47	<13	PASS
		1	49	4.10	<13	PASS
		25	0	5.94	<13	PASS
		25	12	5.92	<13	PASS
		25	25	5.94	<13	PASS
		50	0	5.95	<13	PASS

Test Graphs

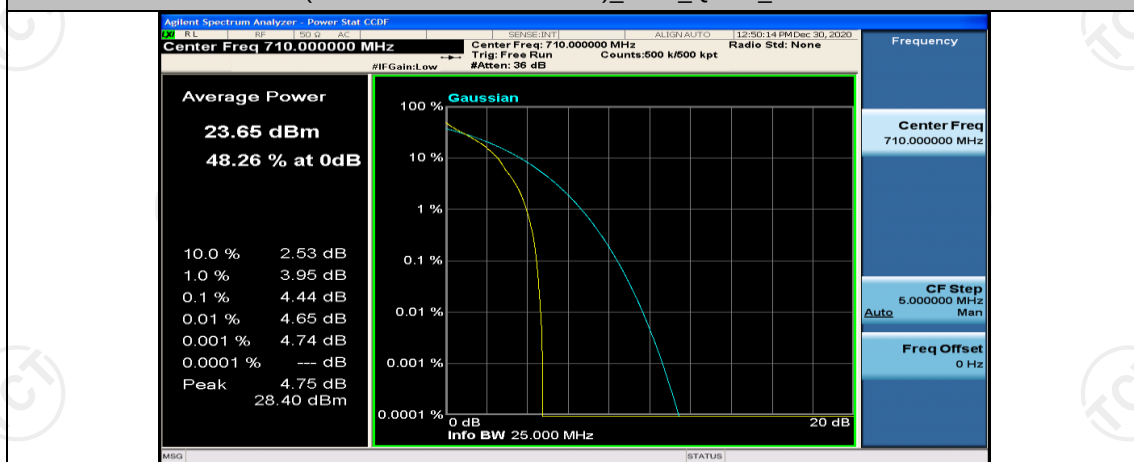
Channel Bandwidth: 5 MHz



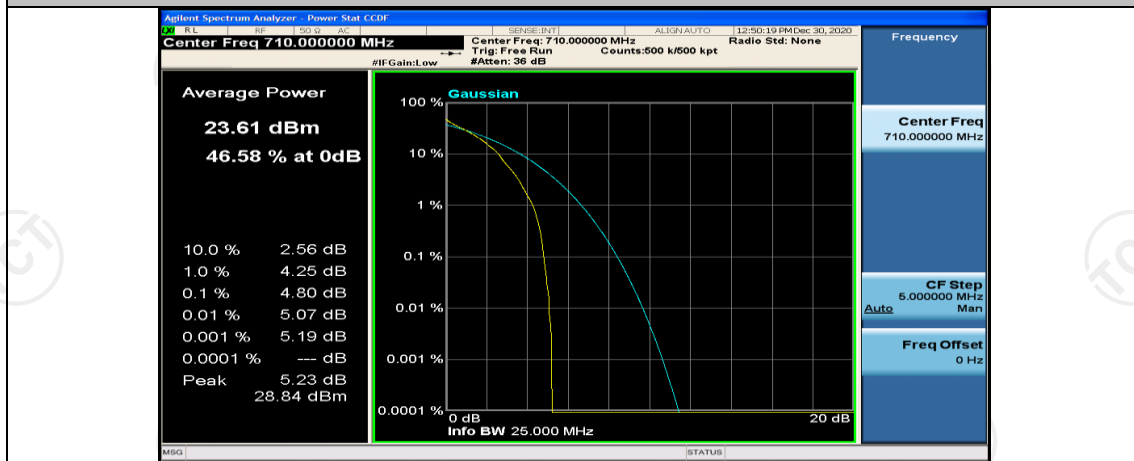




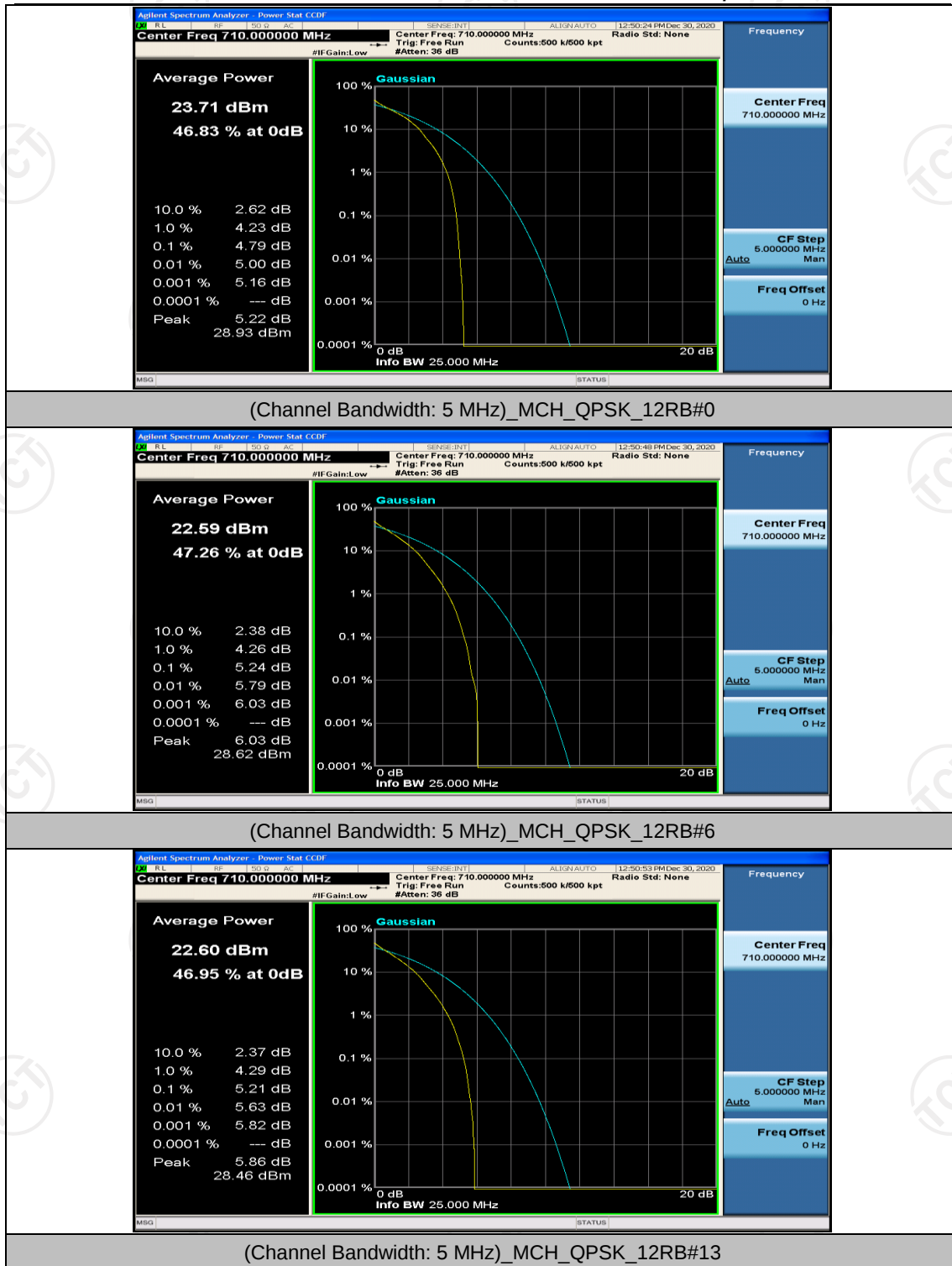
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

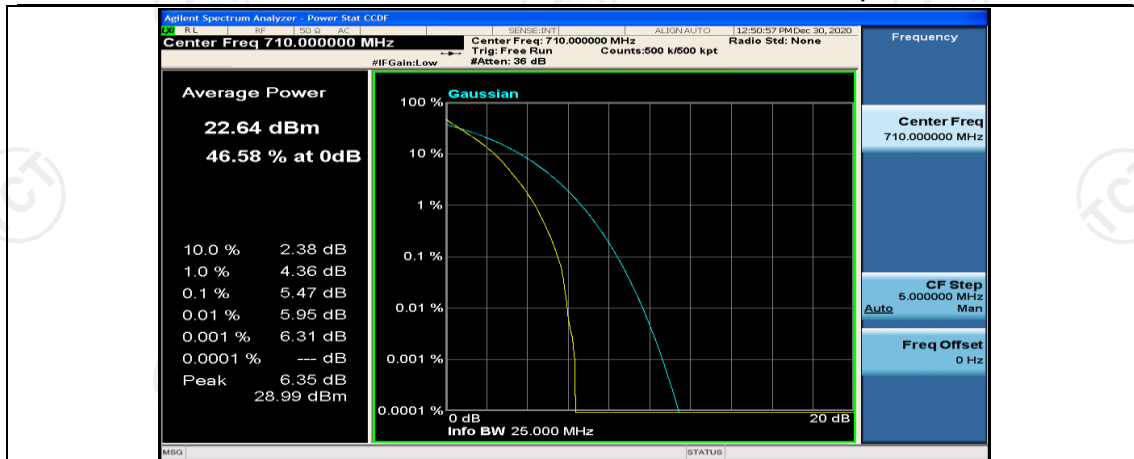


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

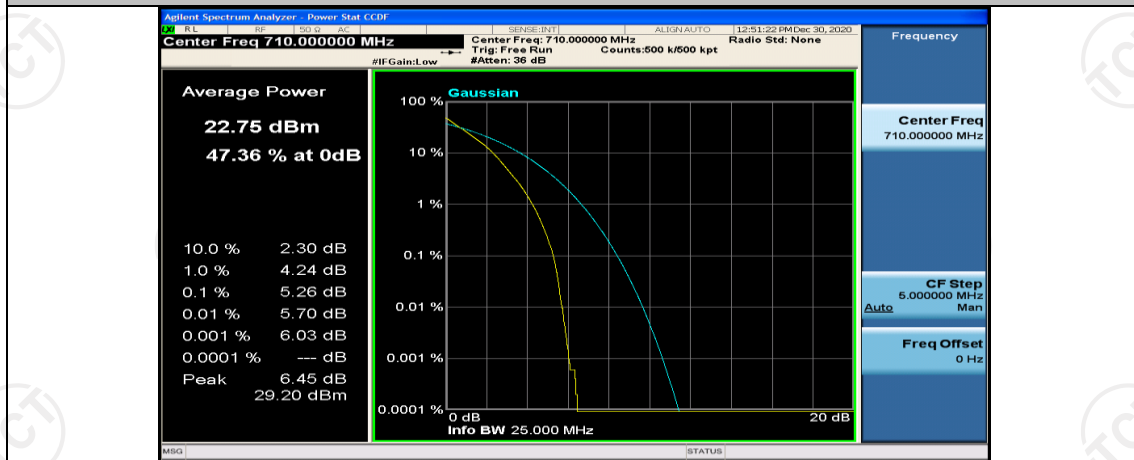


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

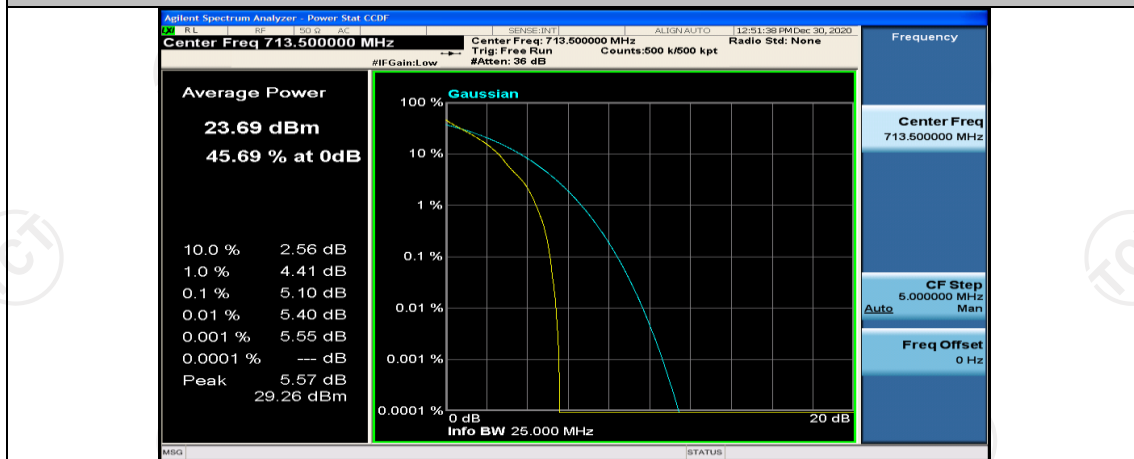




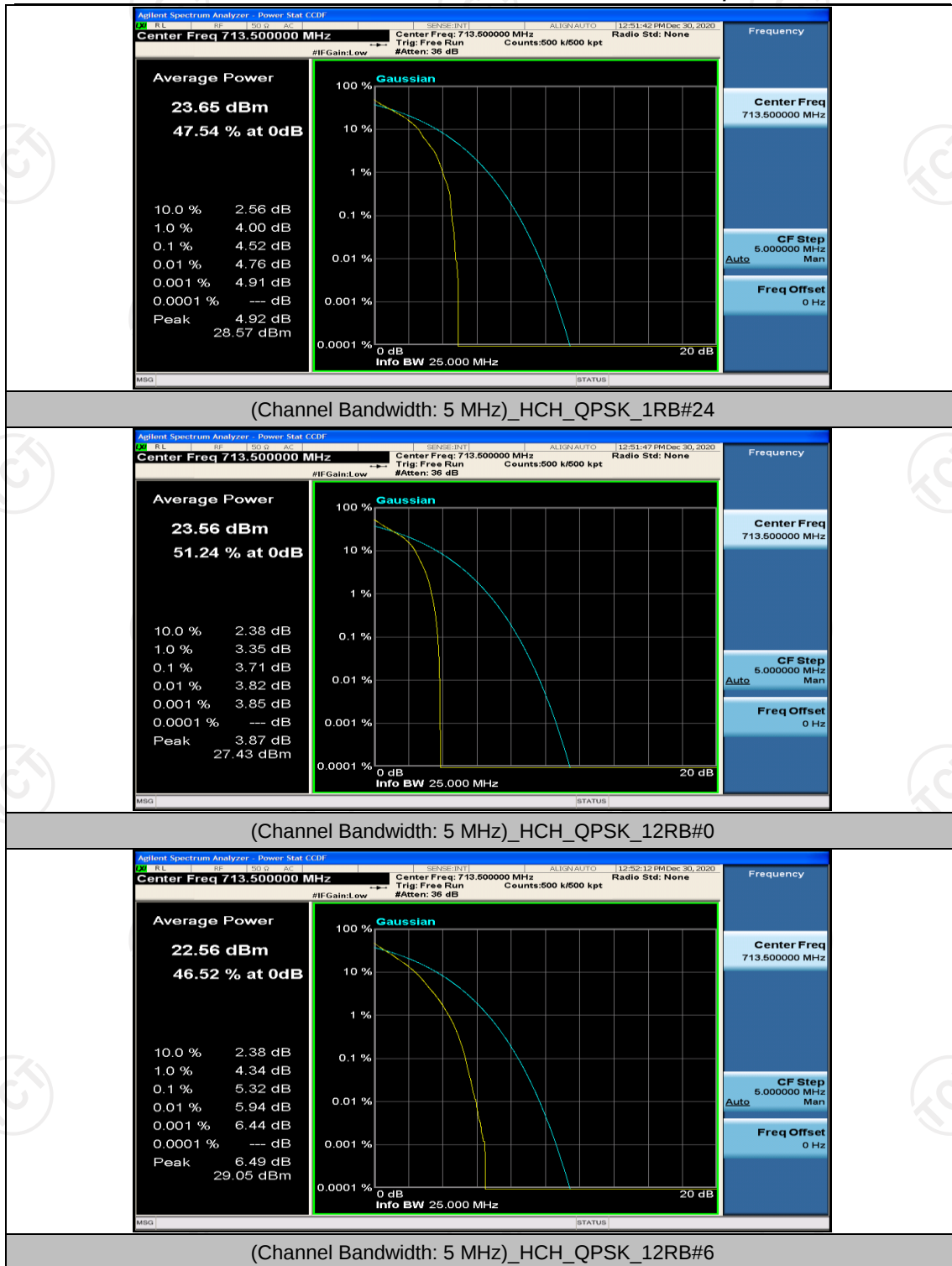
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0

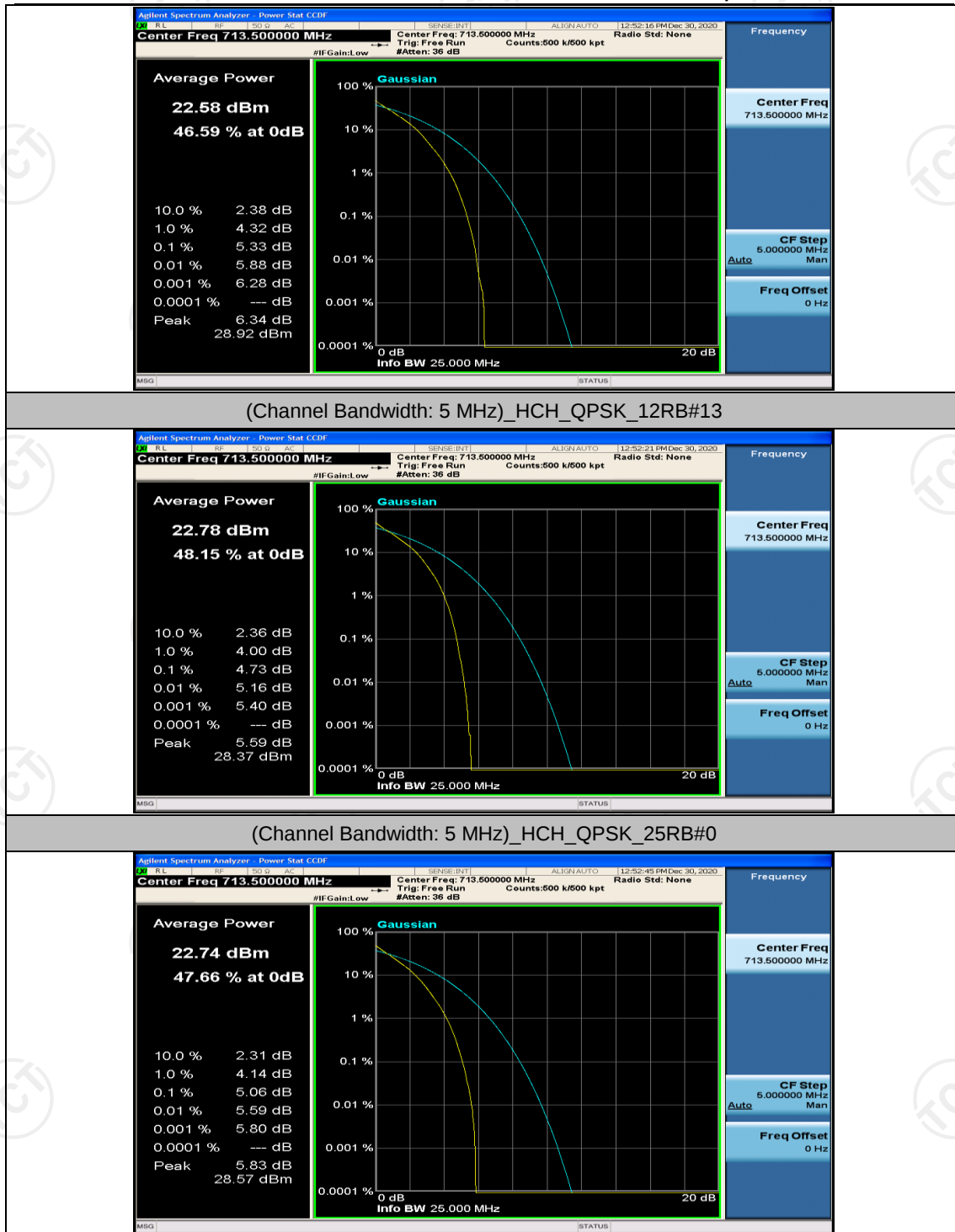


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

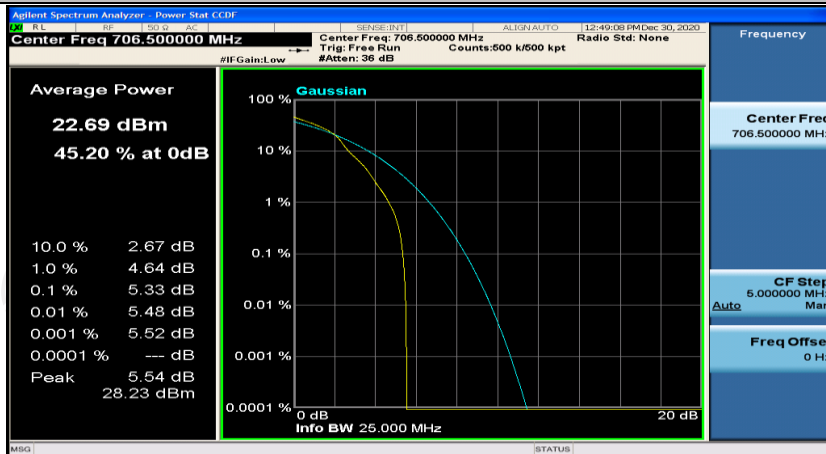


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

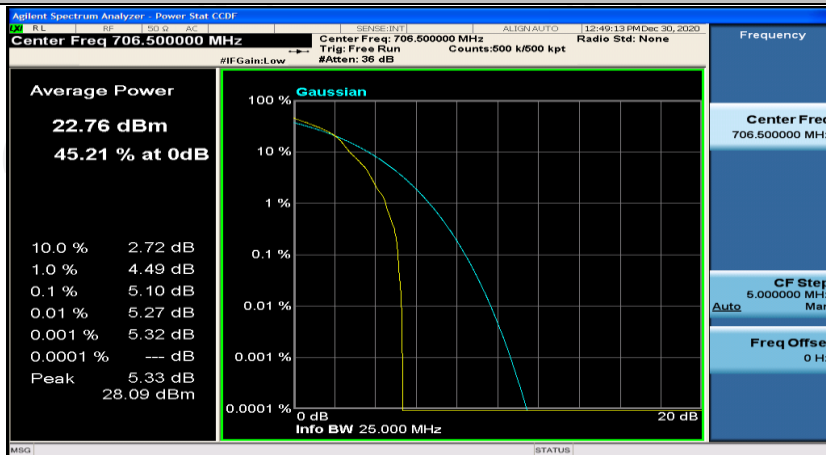




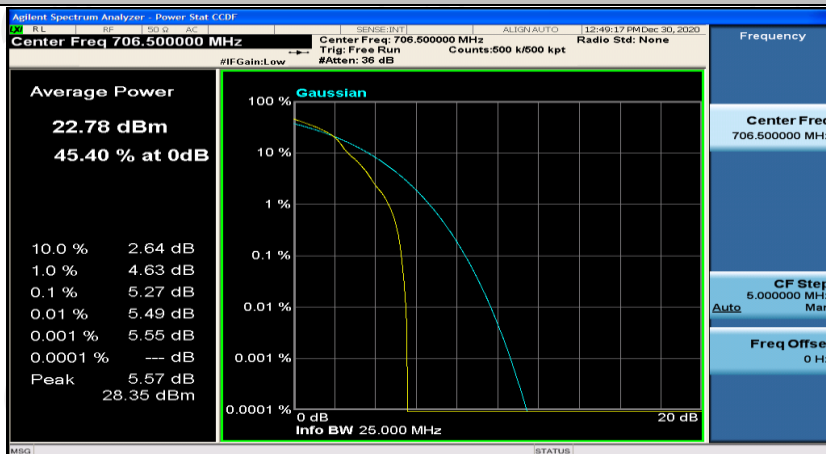
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



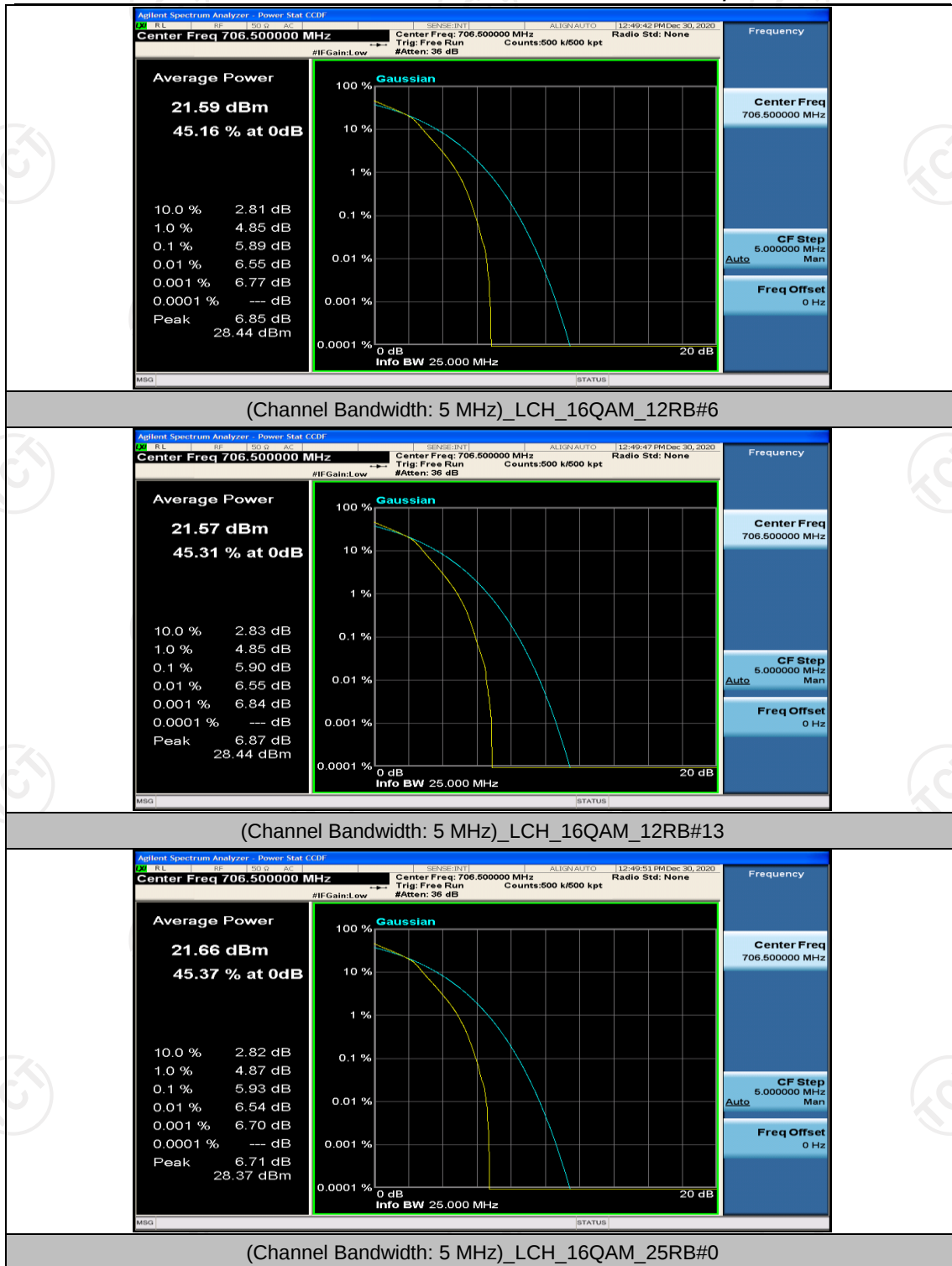
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

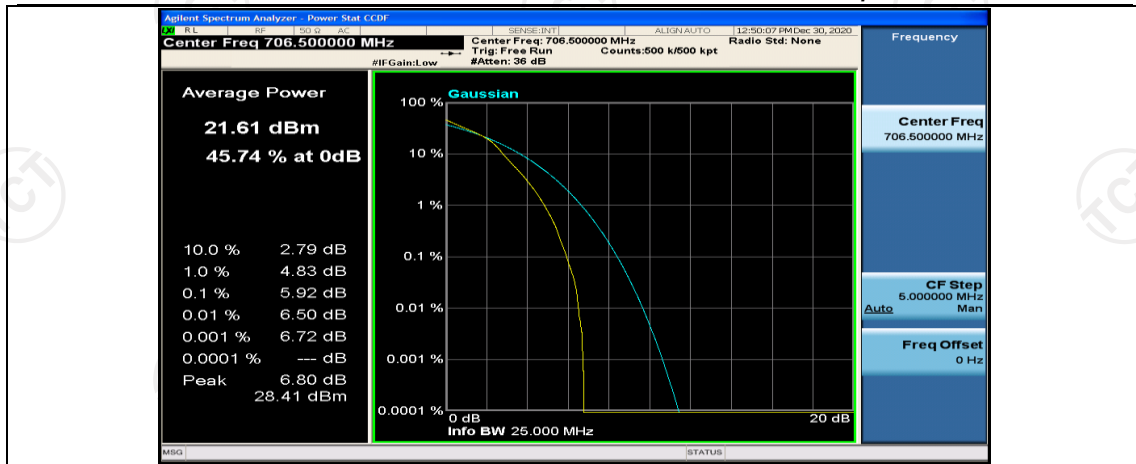


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24

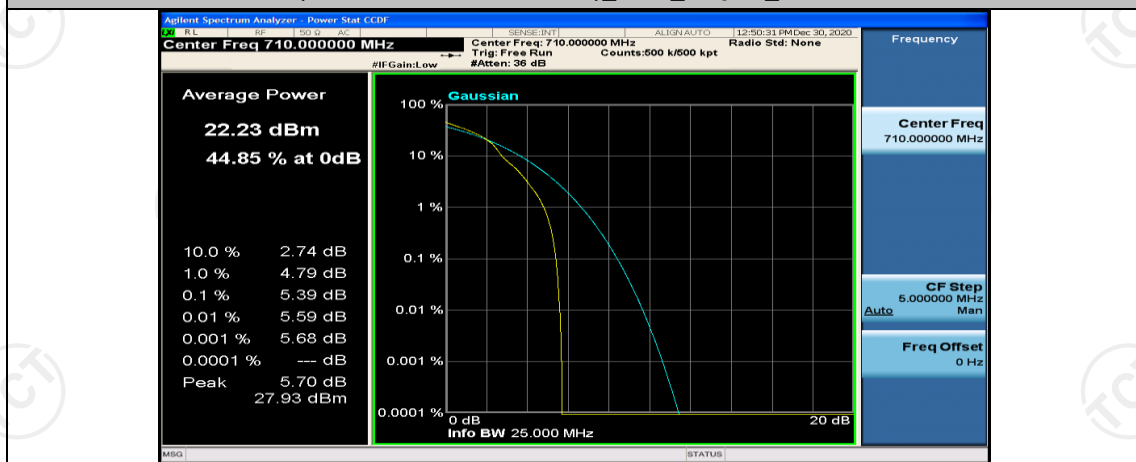


(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0

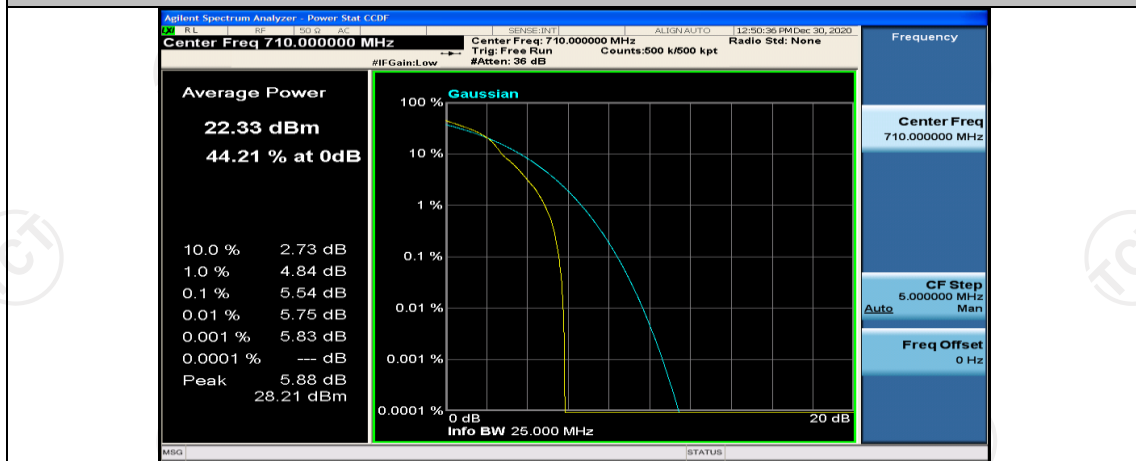




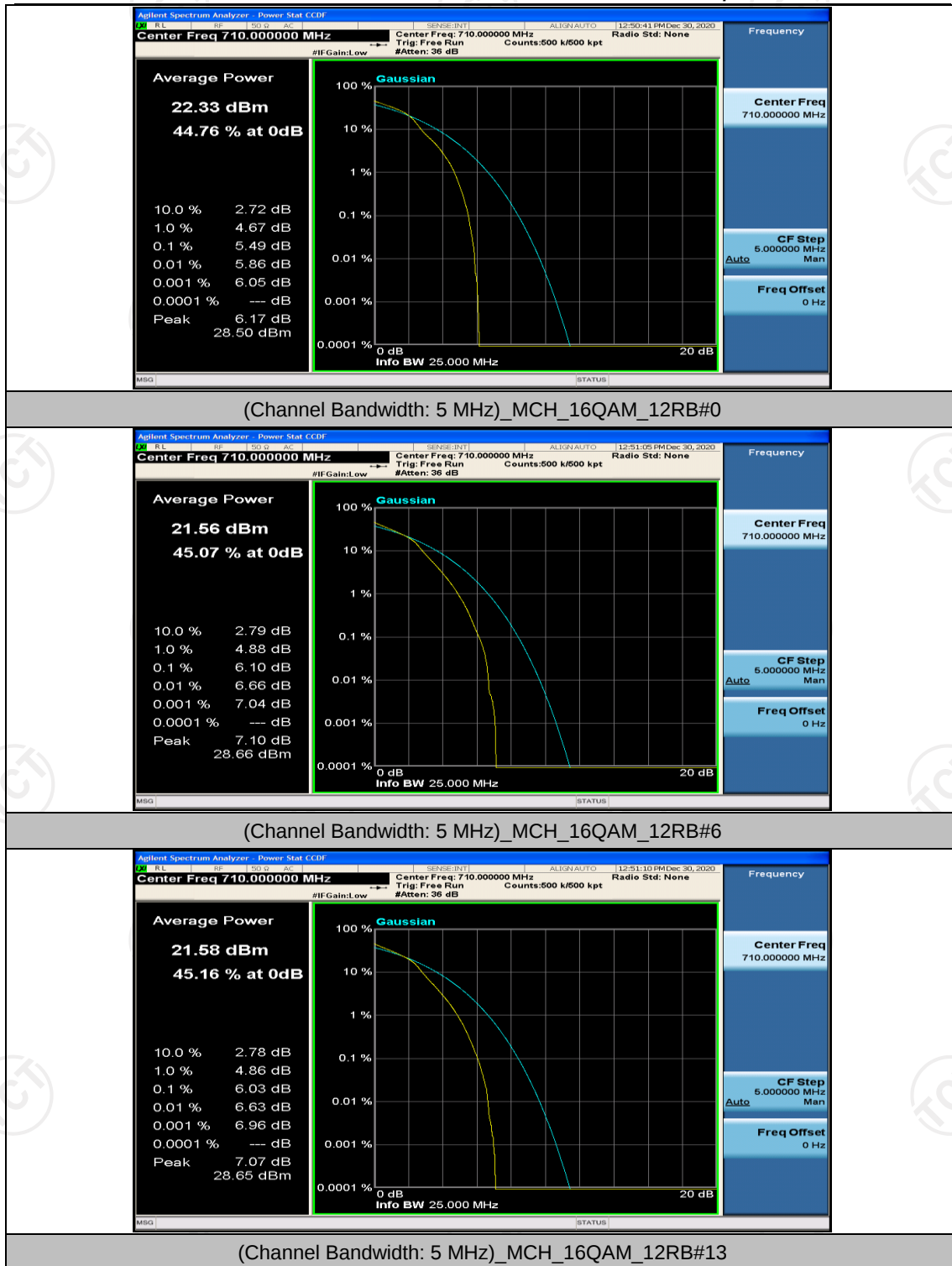
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

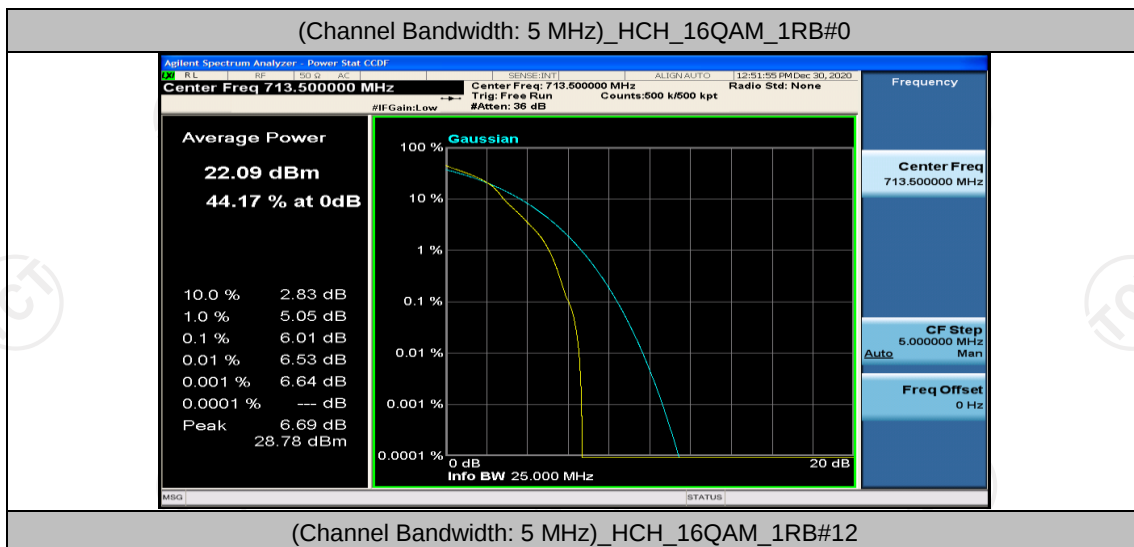
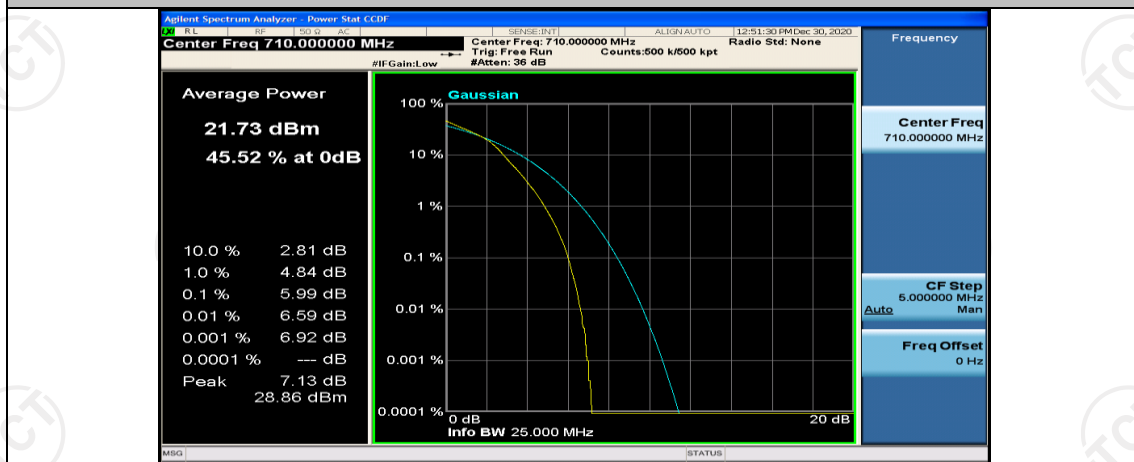
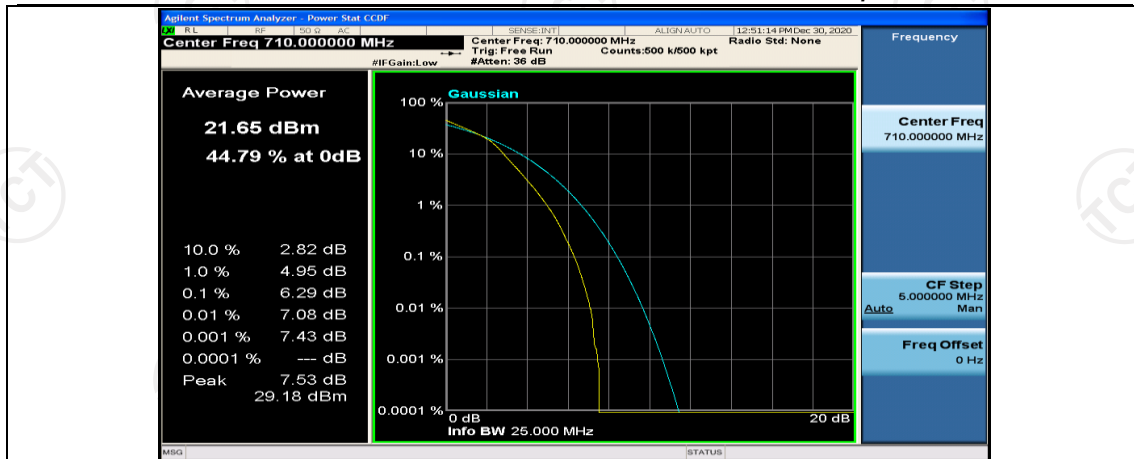


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

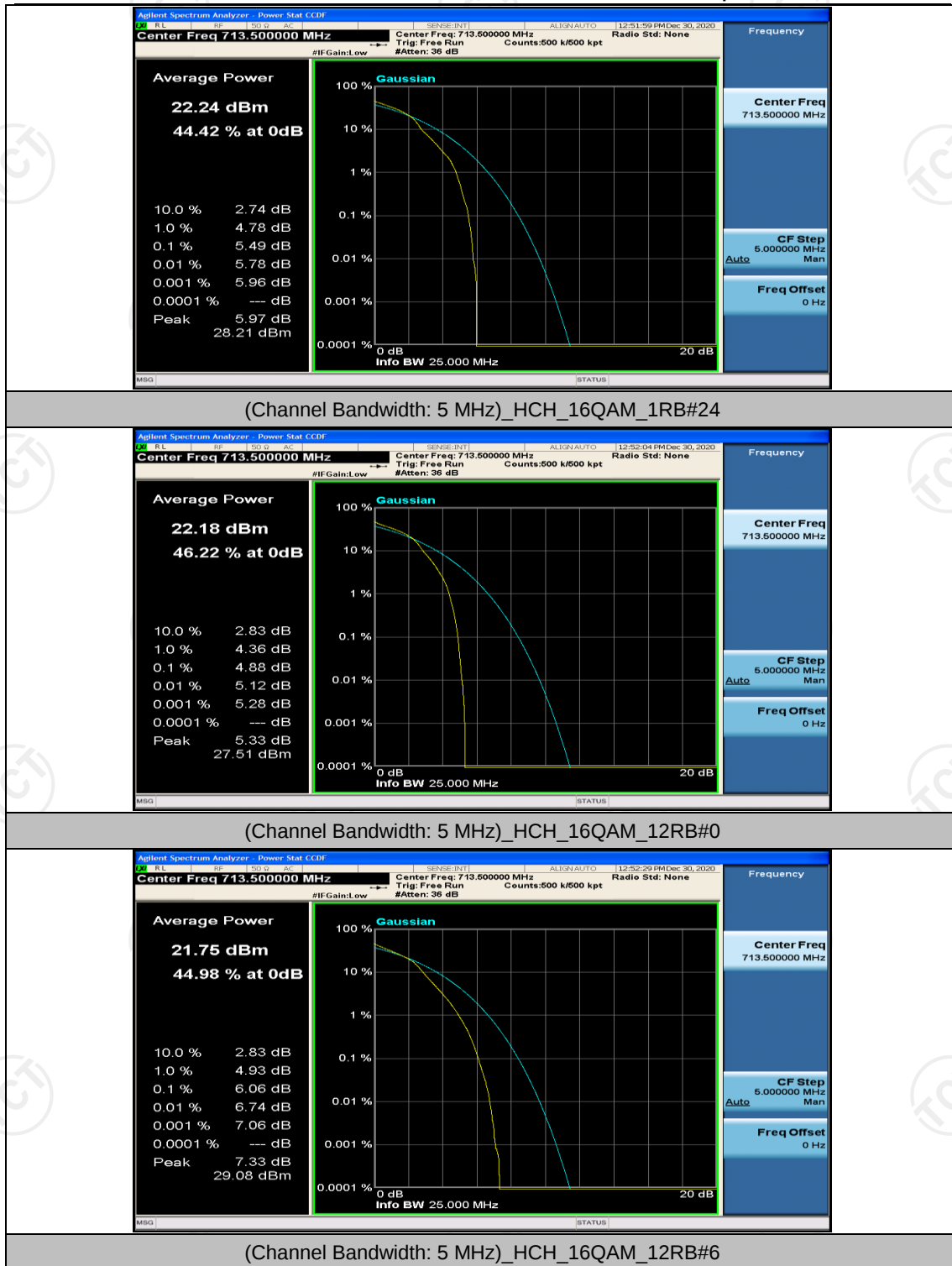


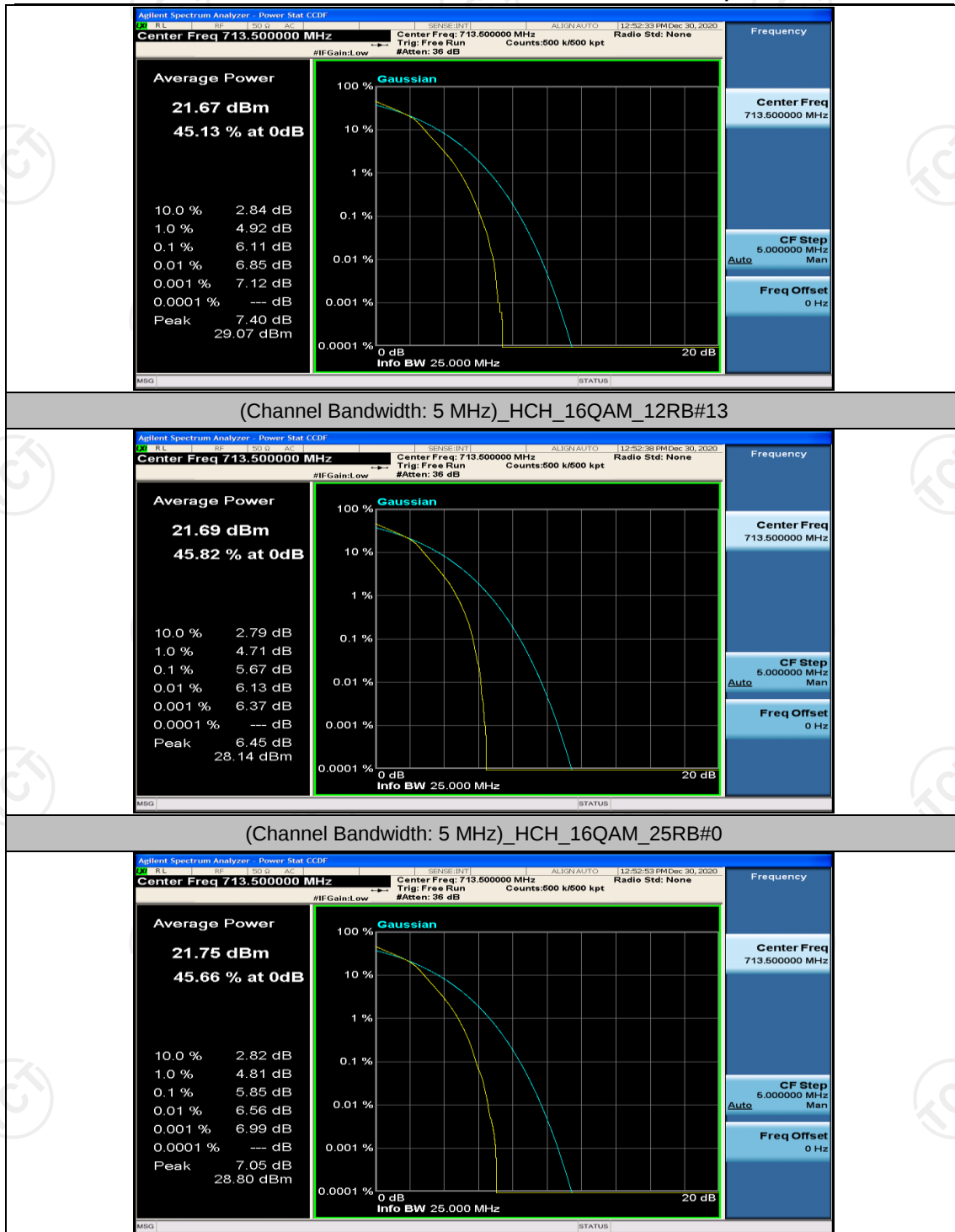
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



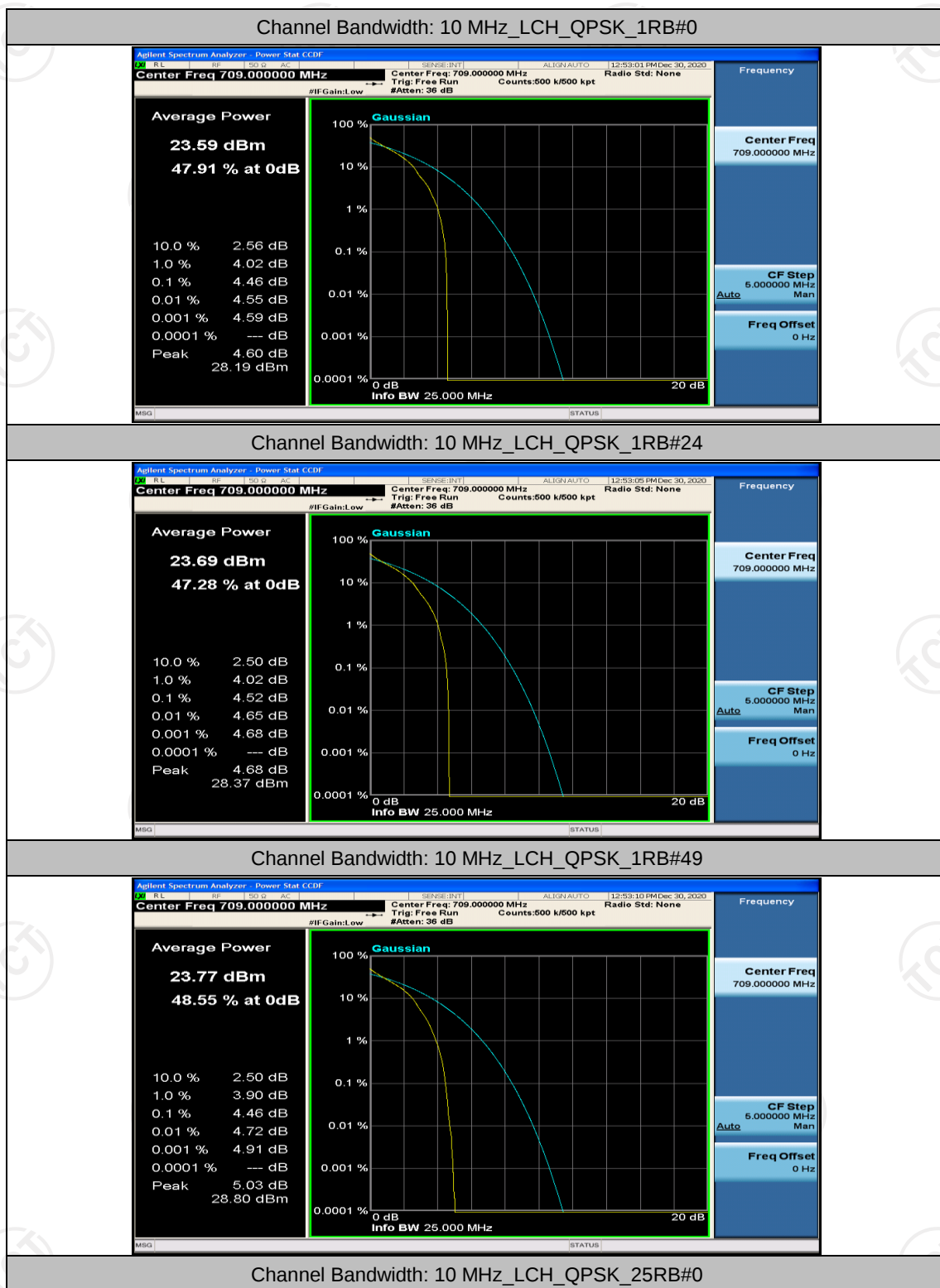


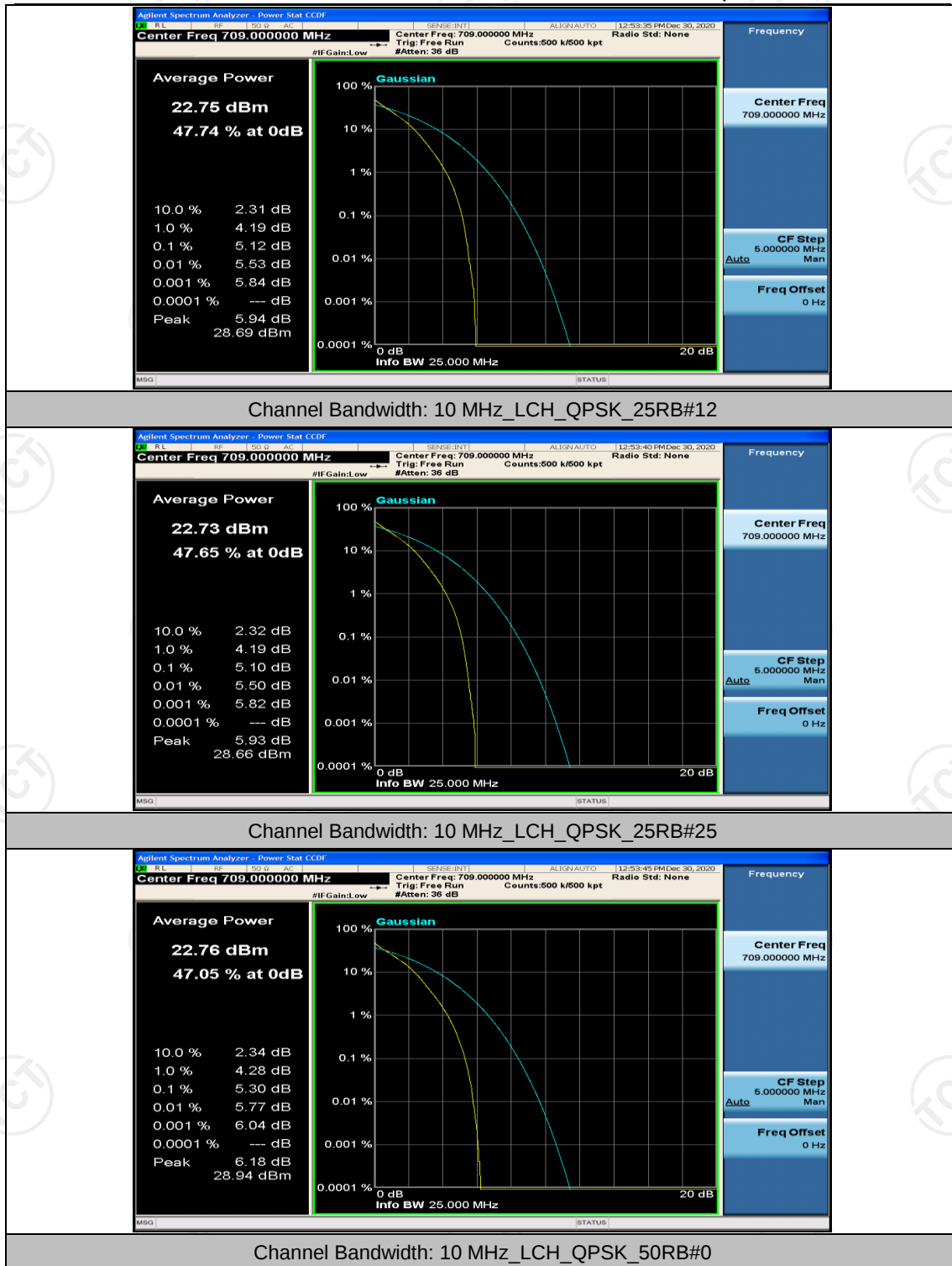
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12





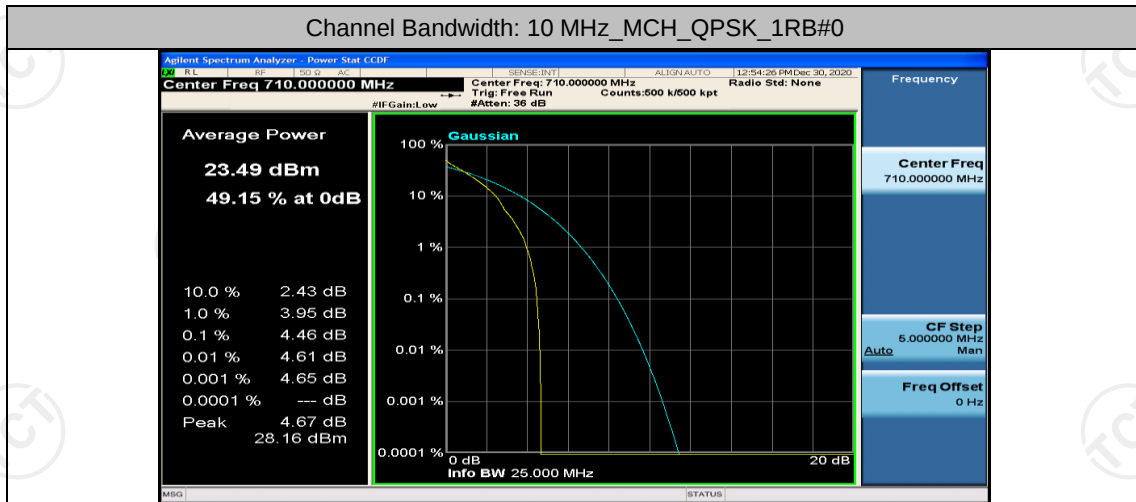
Channel Bandwidth: 10 MHz



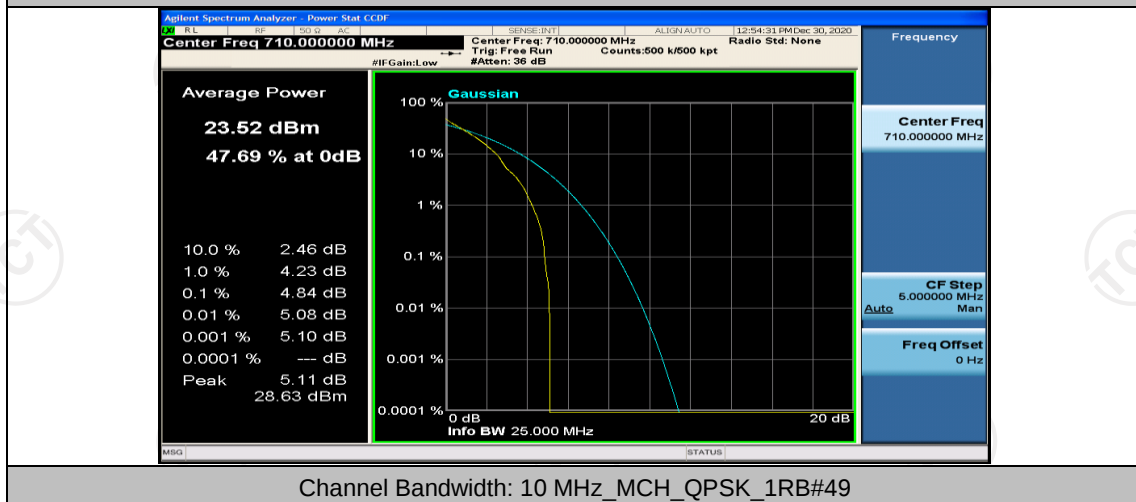




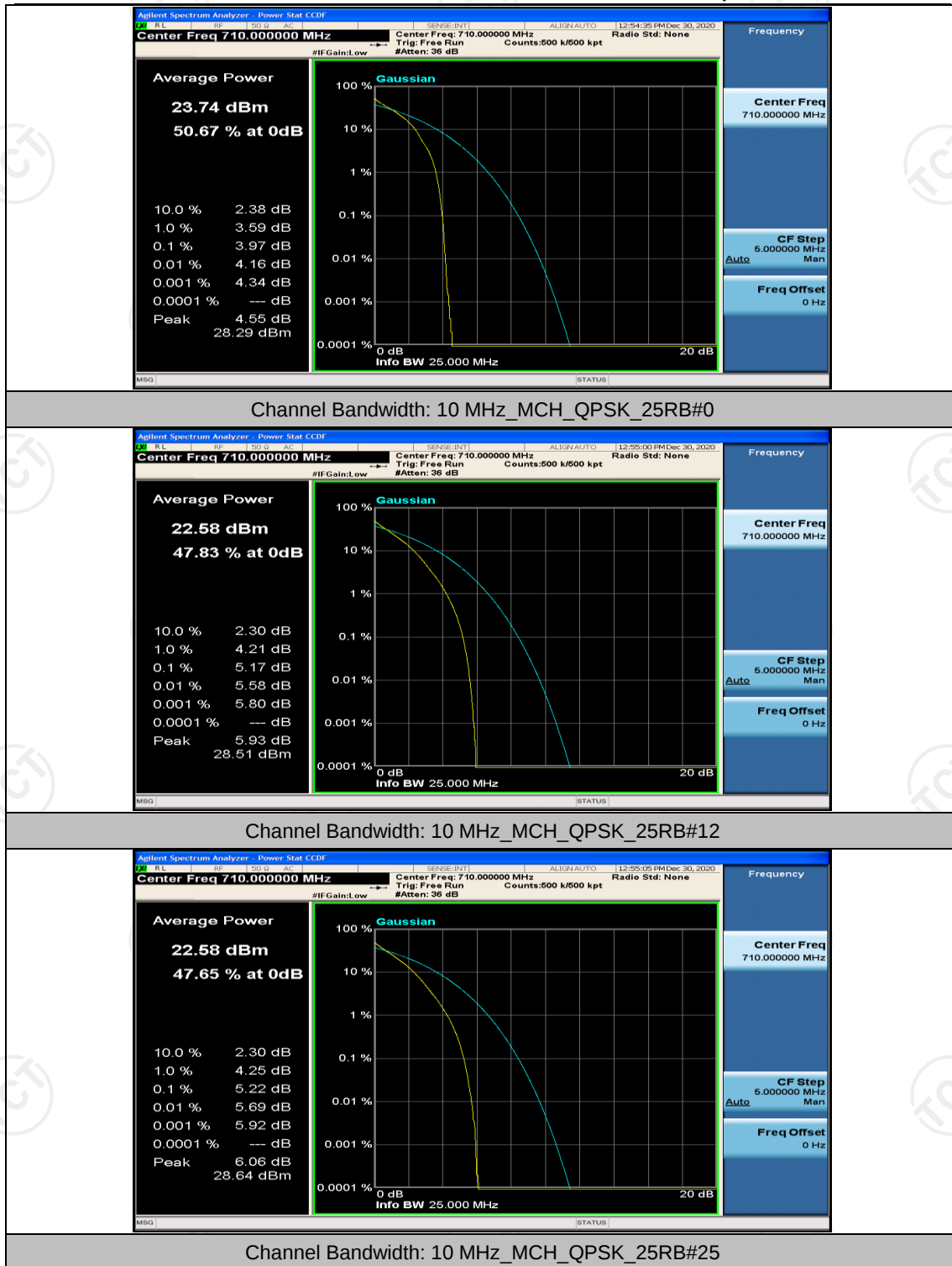
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

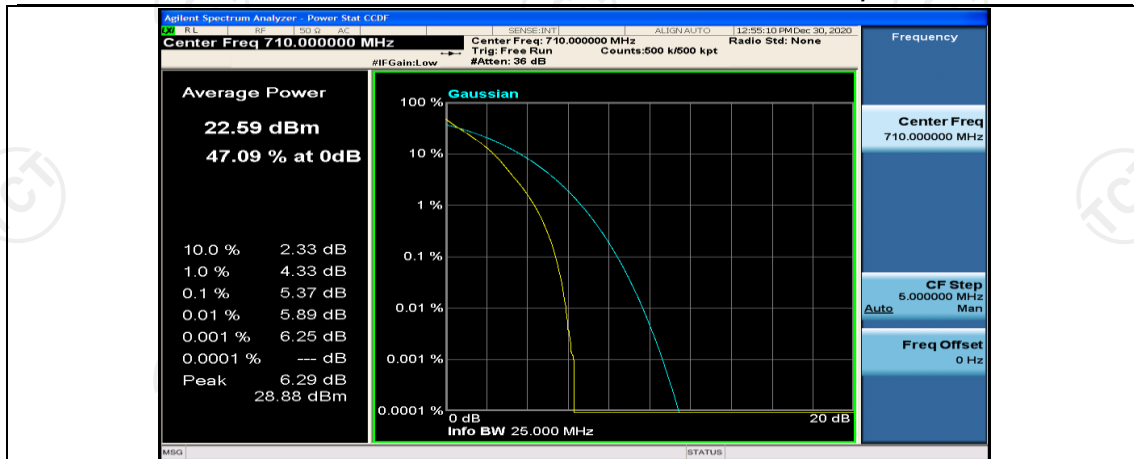


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

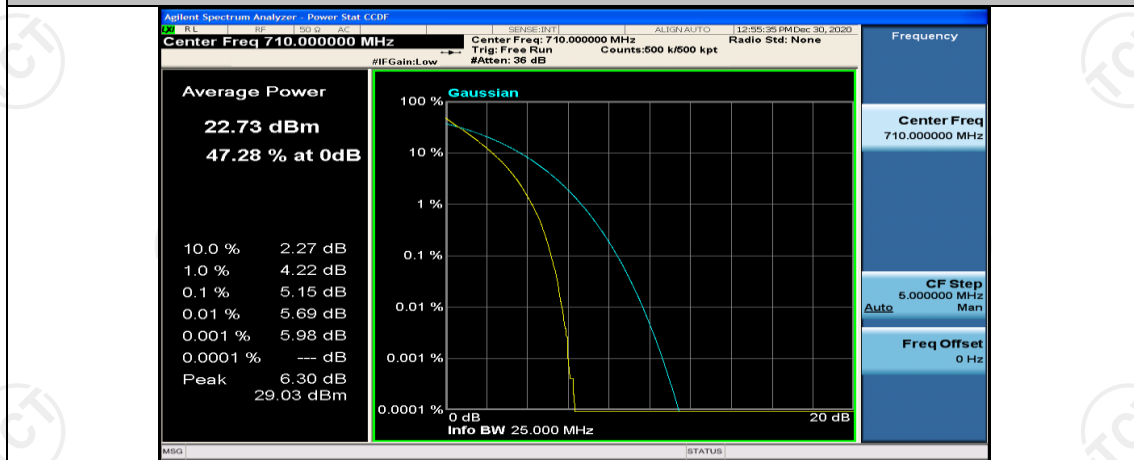


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

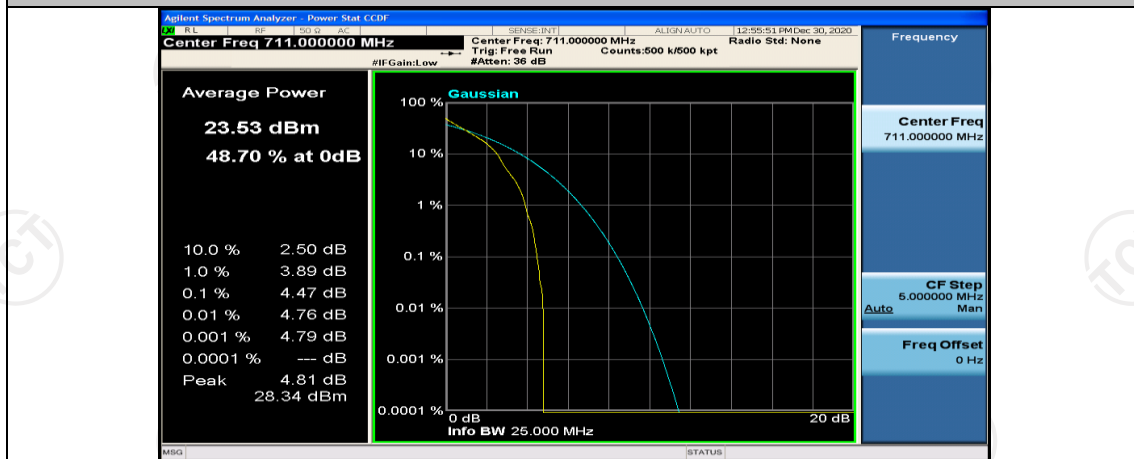




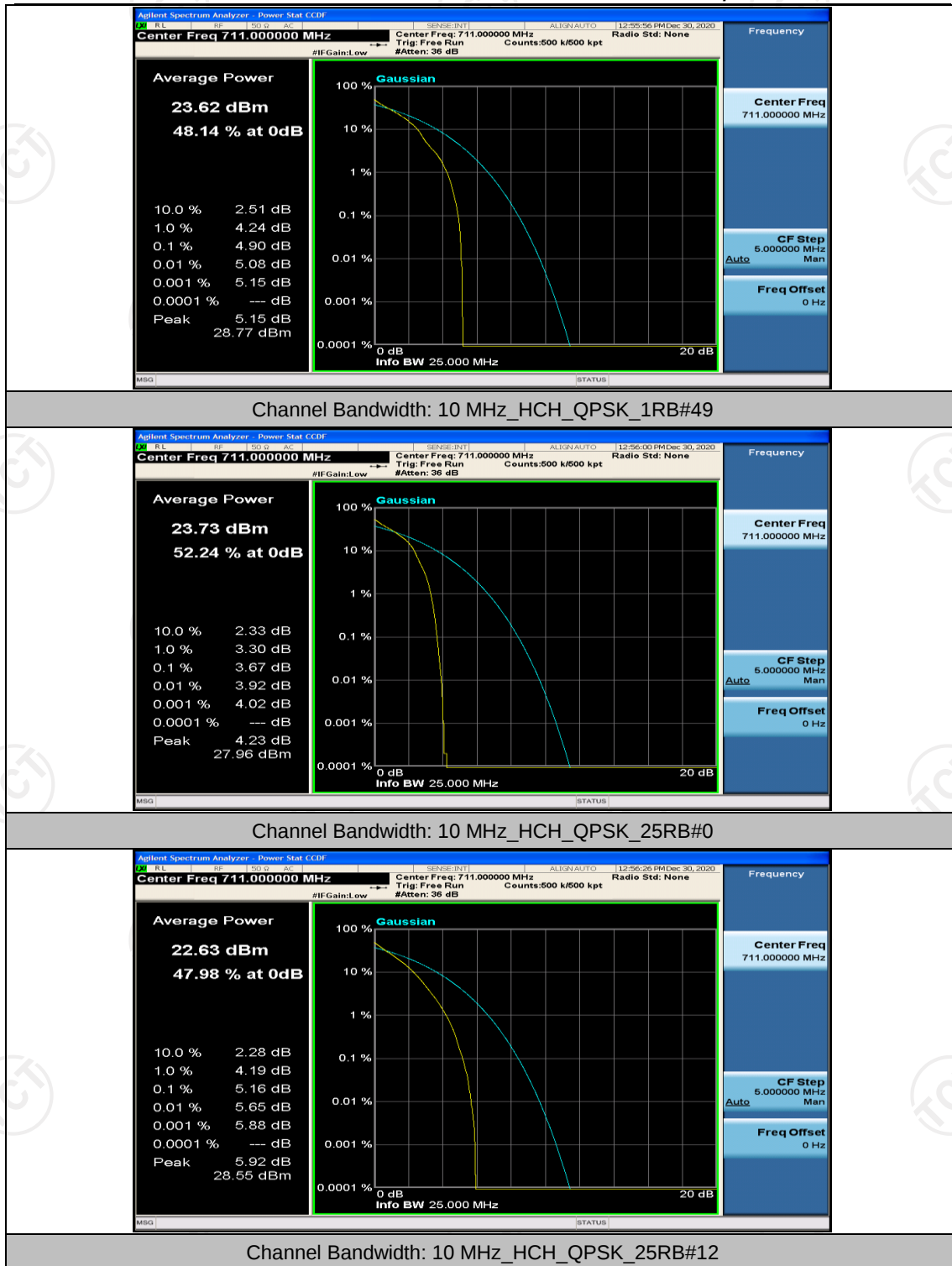
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

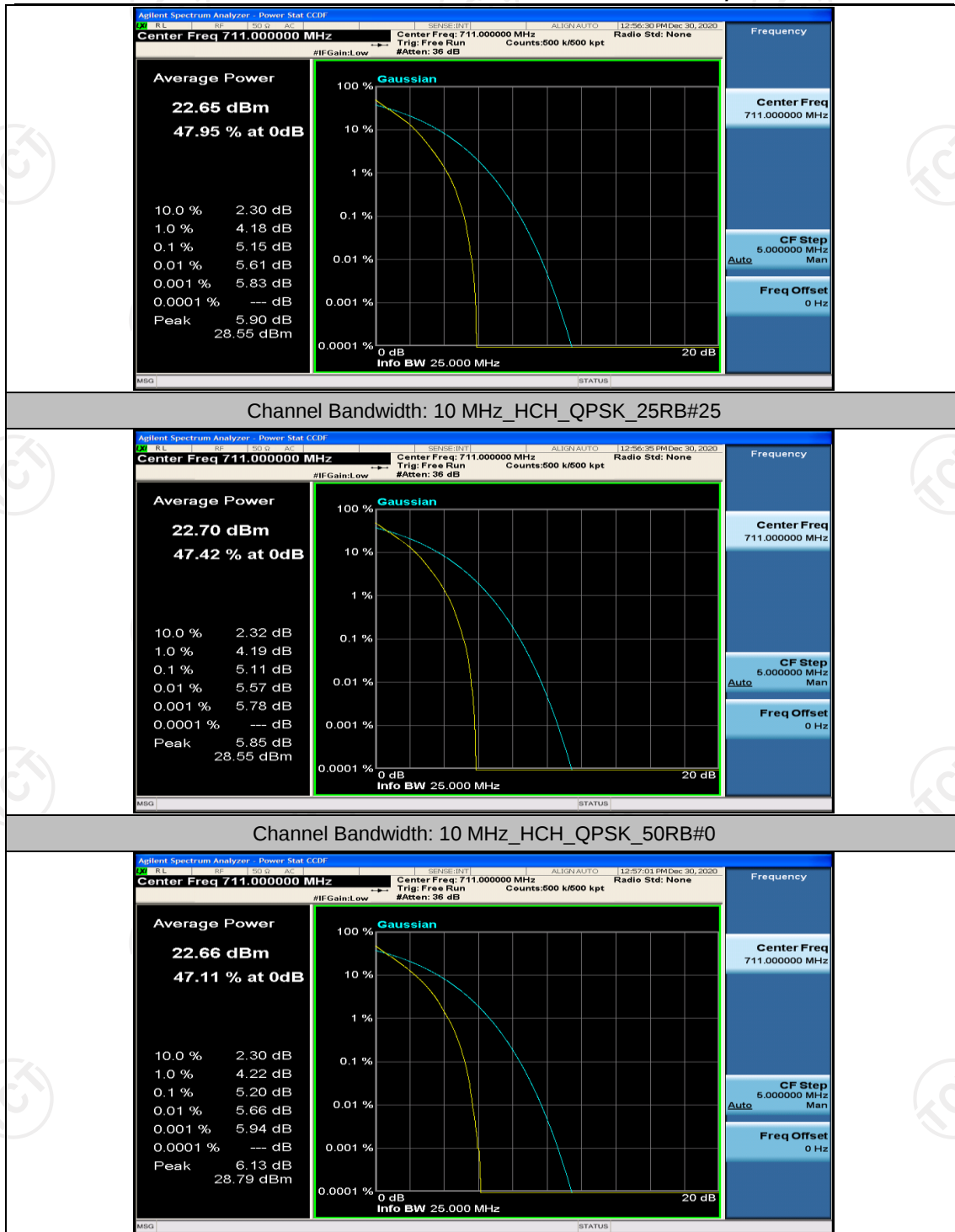


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

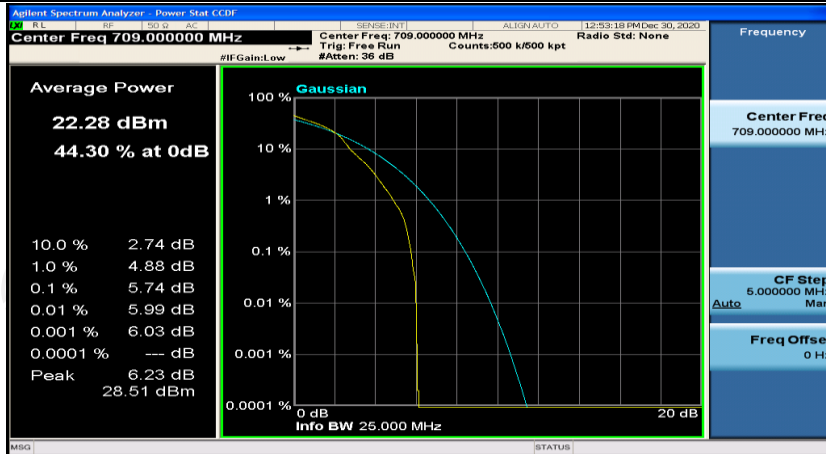


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

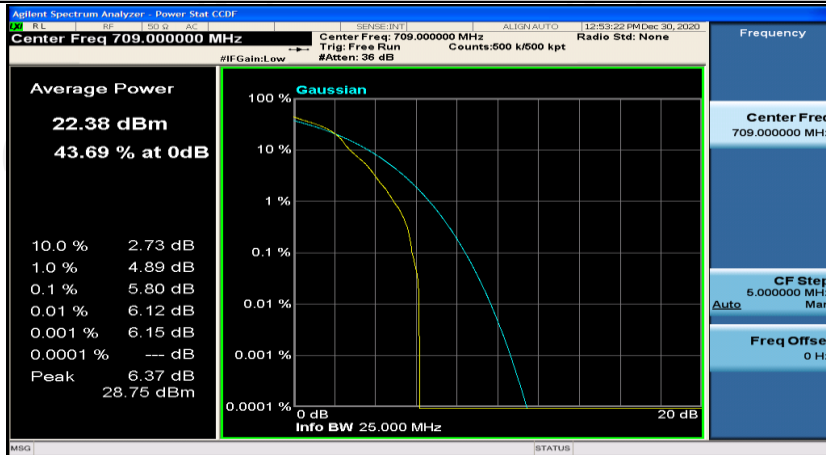




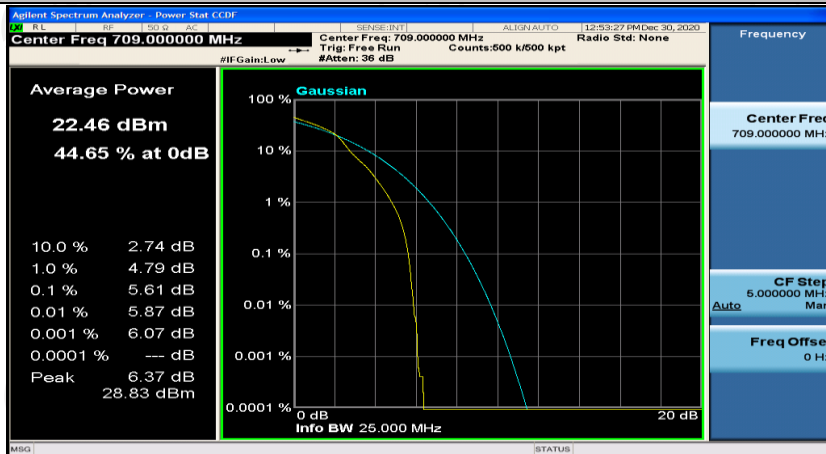
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



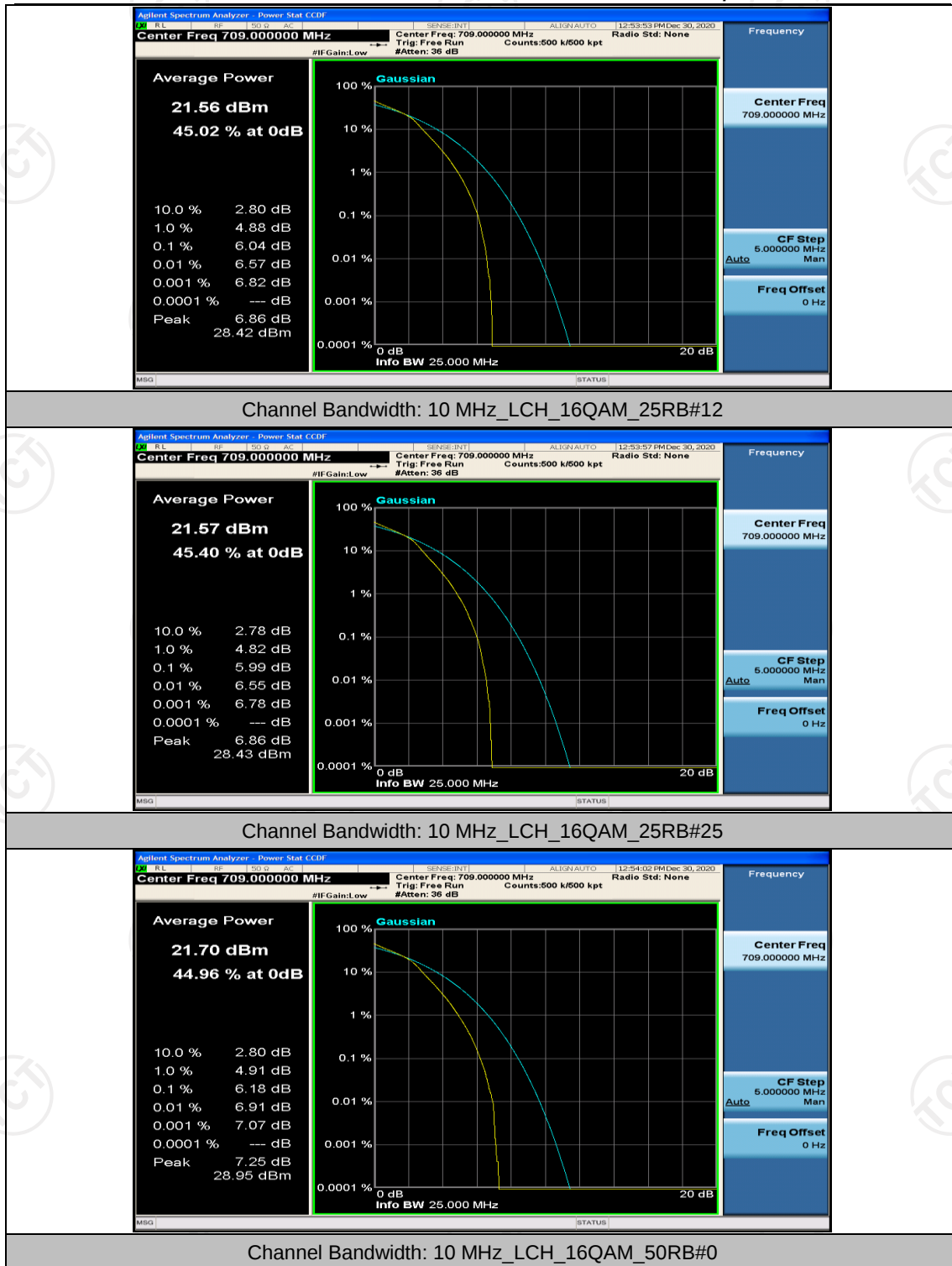
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

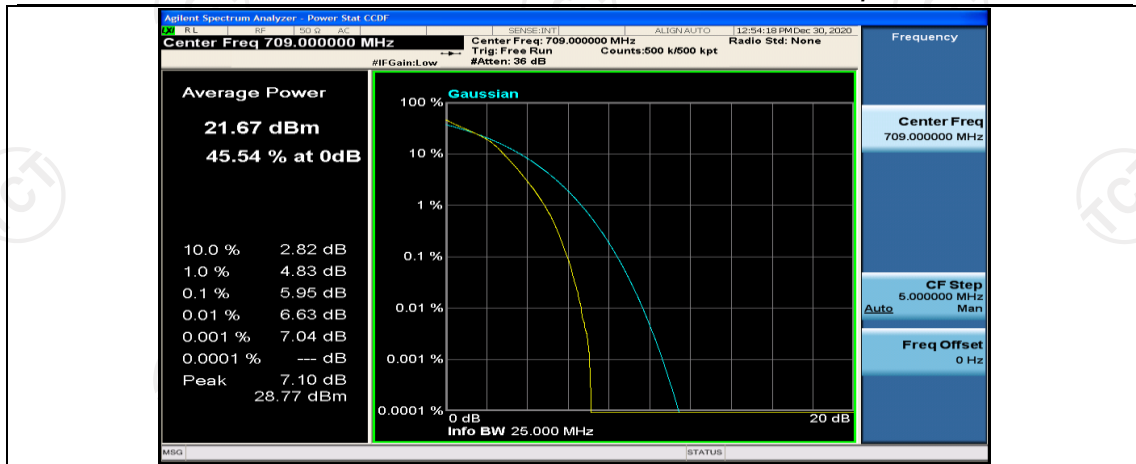


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

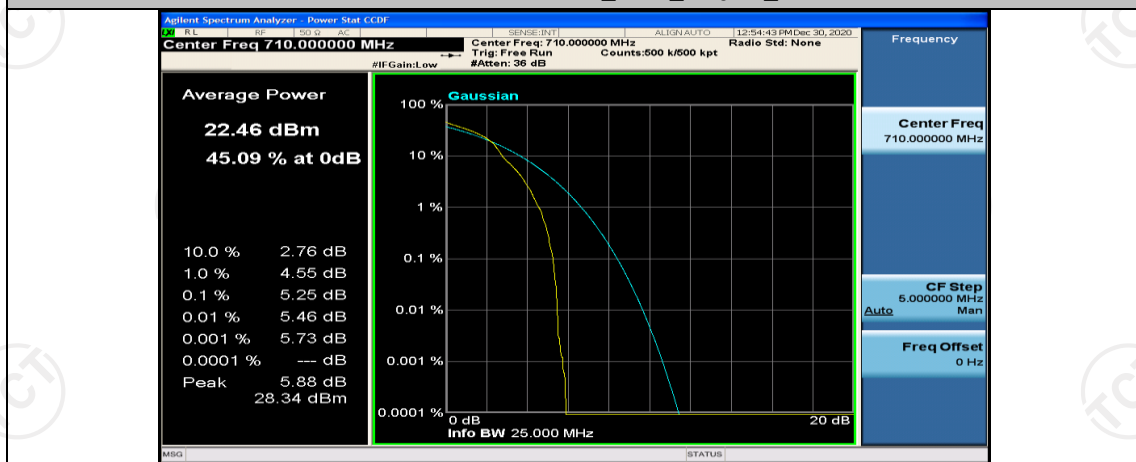


Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0

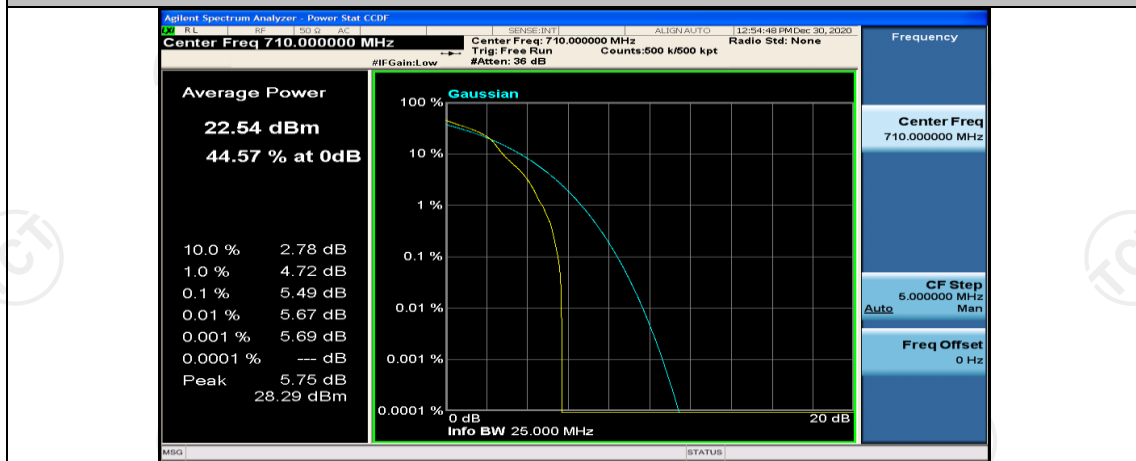




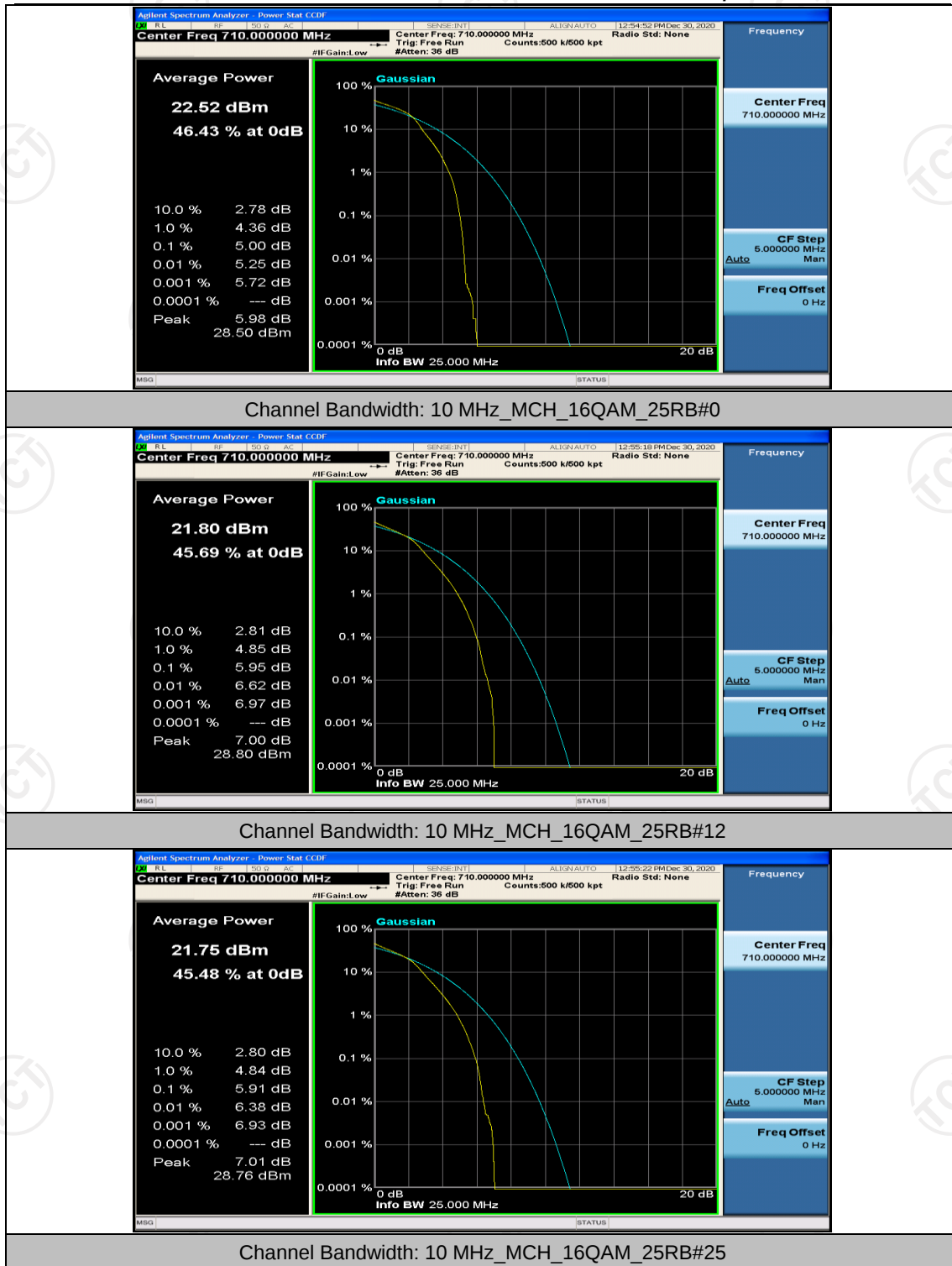
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

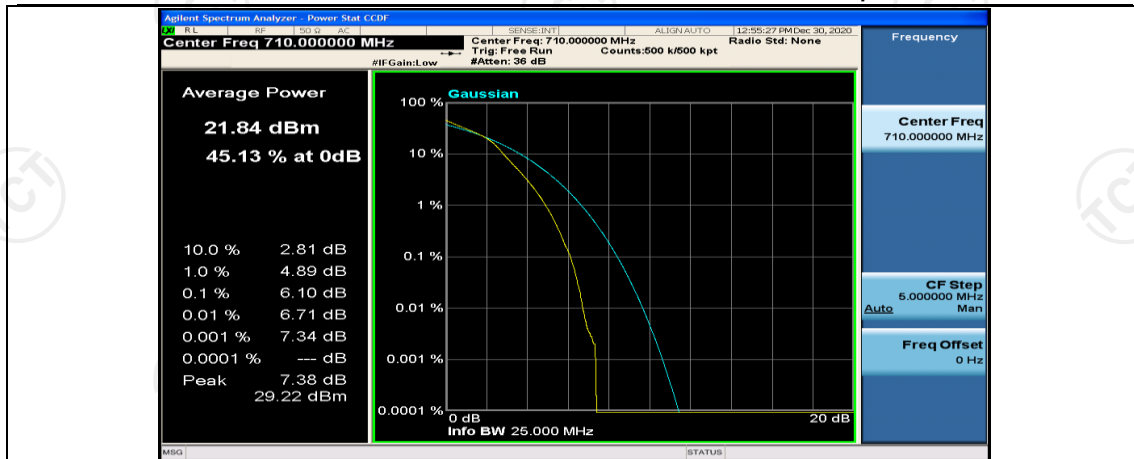


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

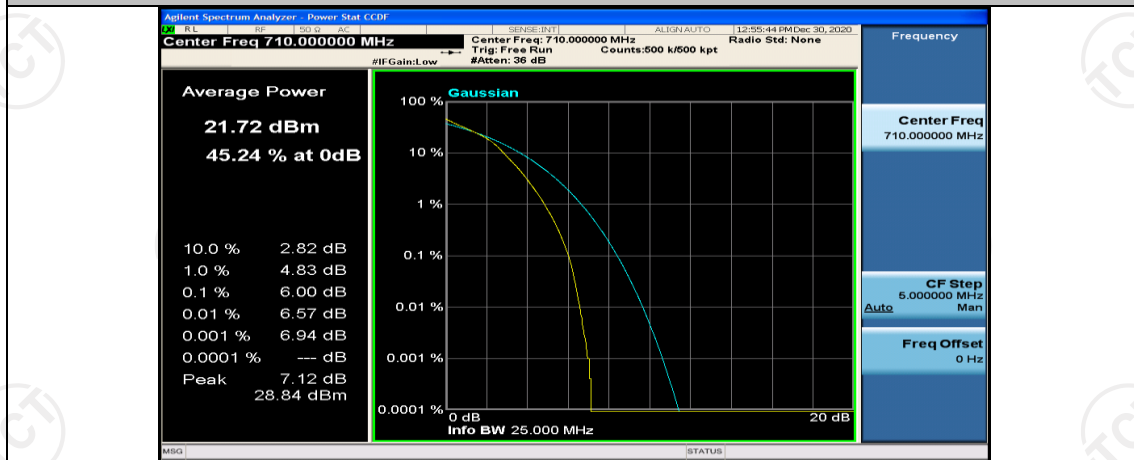


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

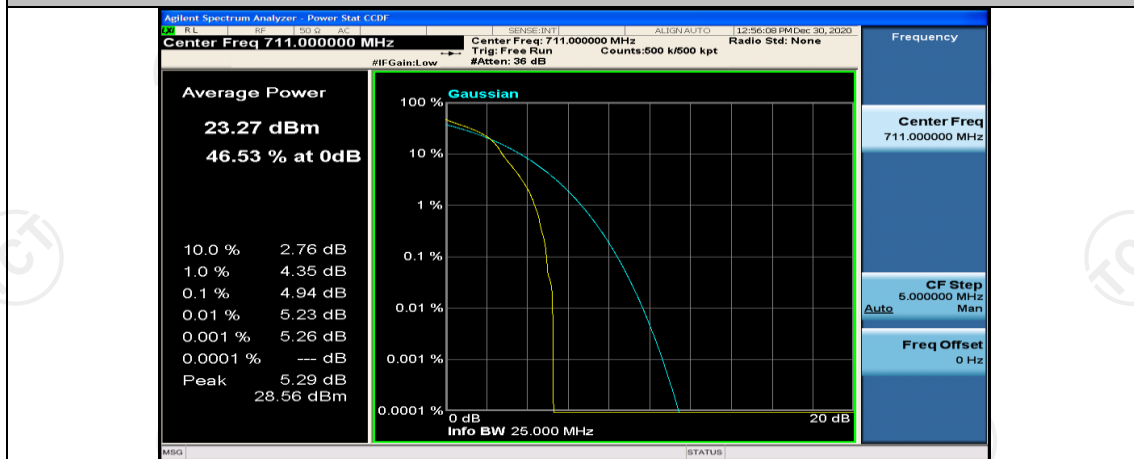




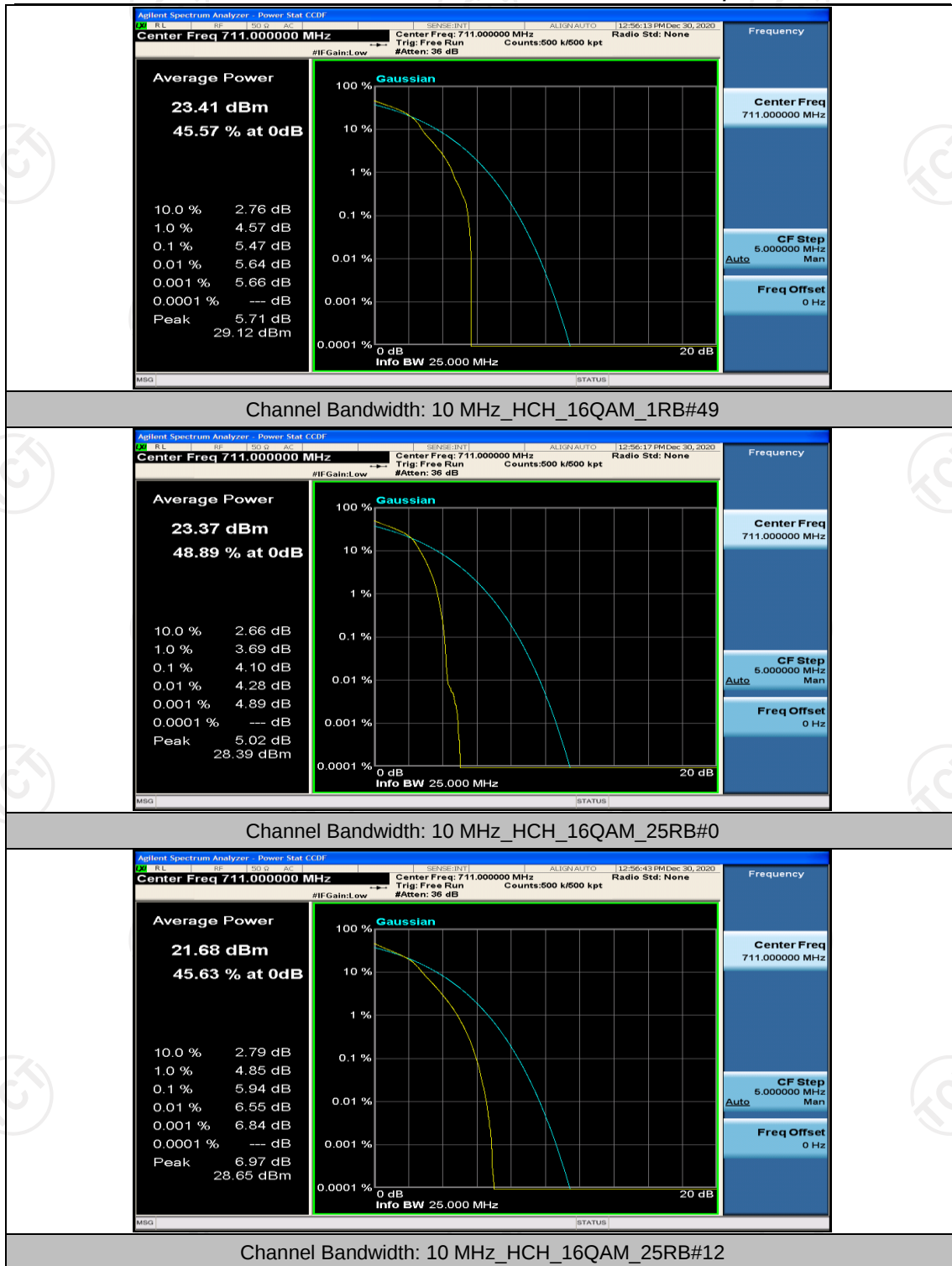
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

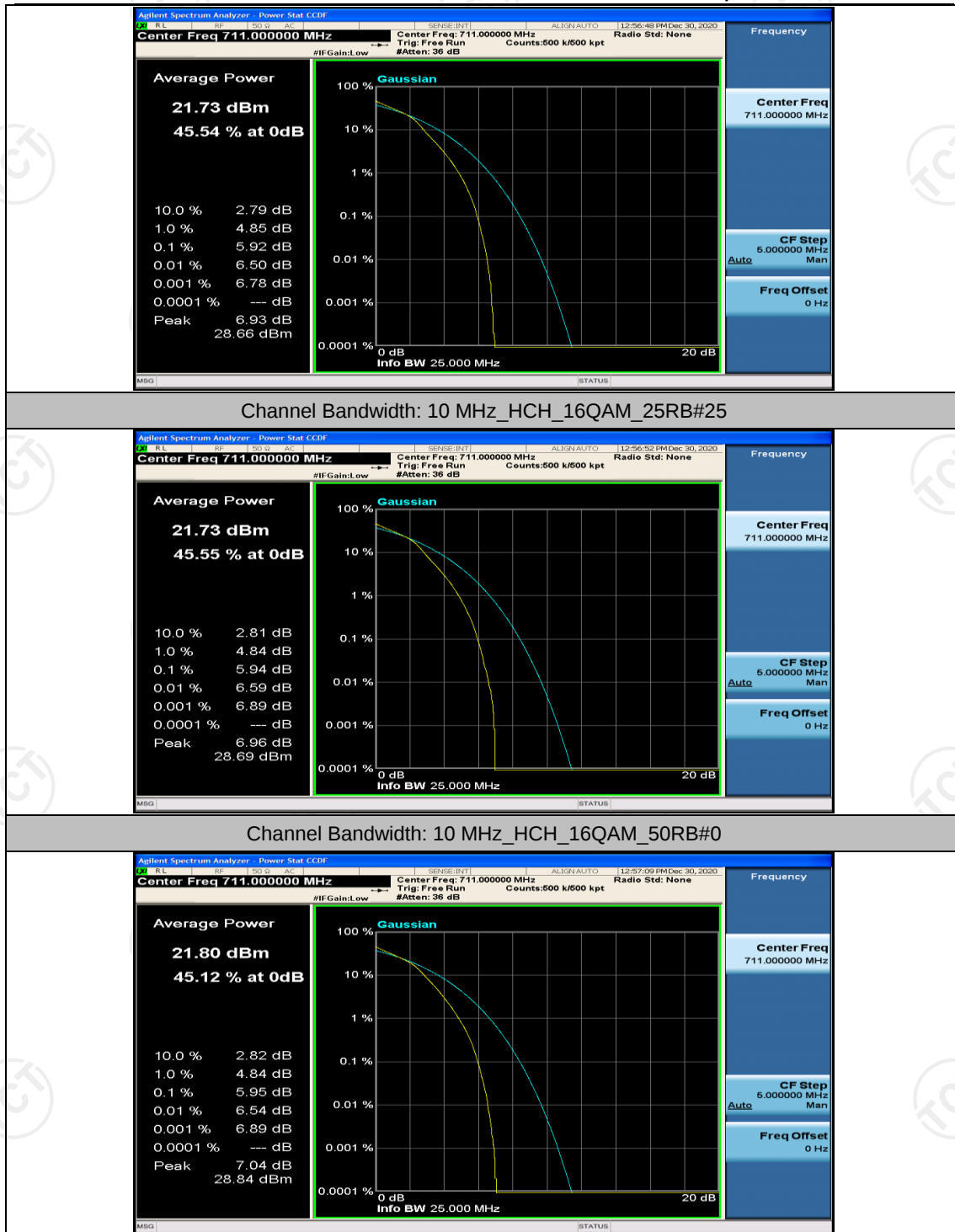


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24





Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 5 MHz

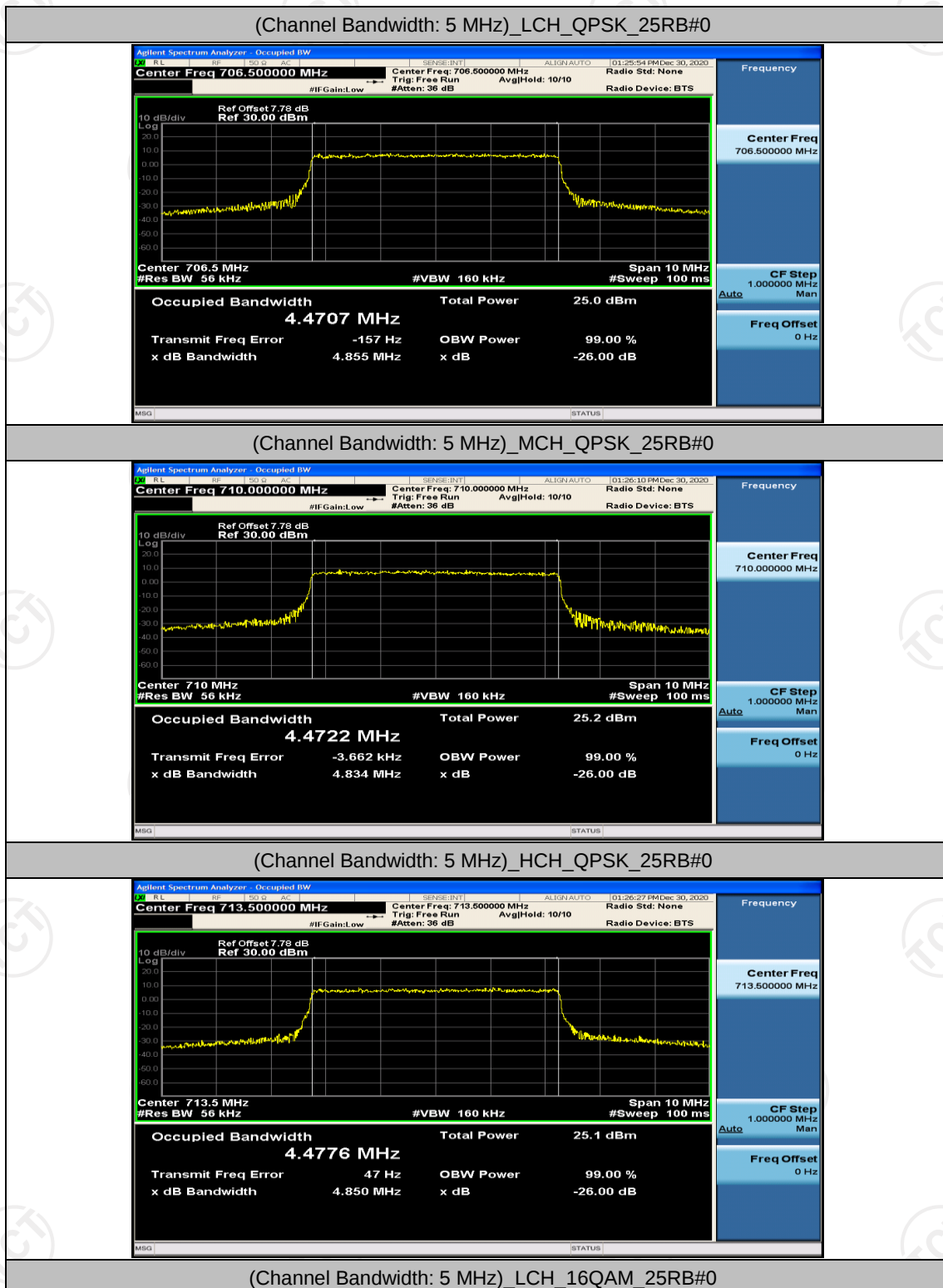
Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4707	4.855	PASS
	MCH	25	0	4.4722	4.834	PASS
	HCH	25	0	4.4776	4.850	PASS
16QAM	LCH	25	0	4.4728	4.873	PASS
	MCH	25	0	4.4731	4.890	PASS
	HCH	25	0	4.4837	4.889	PASS

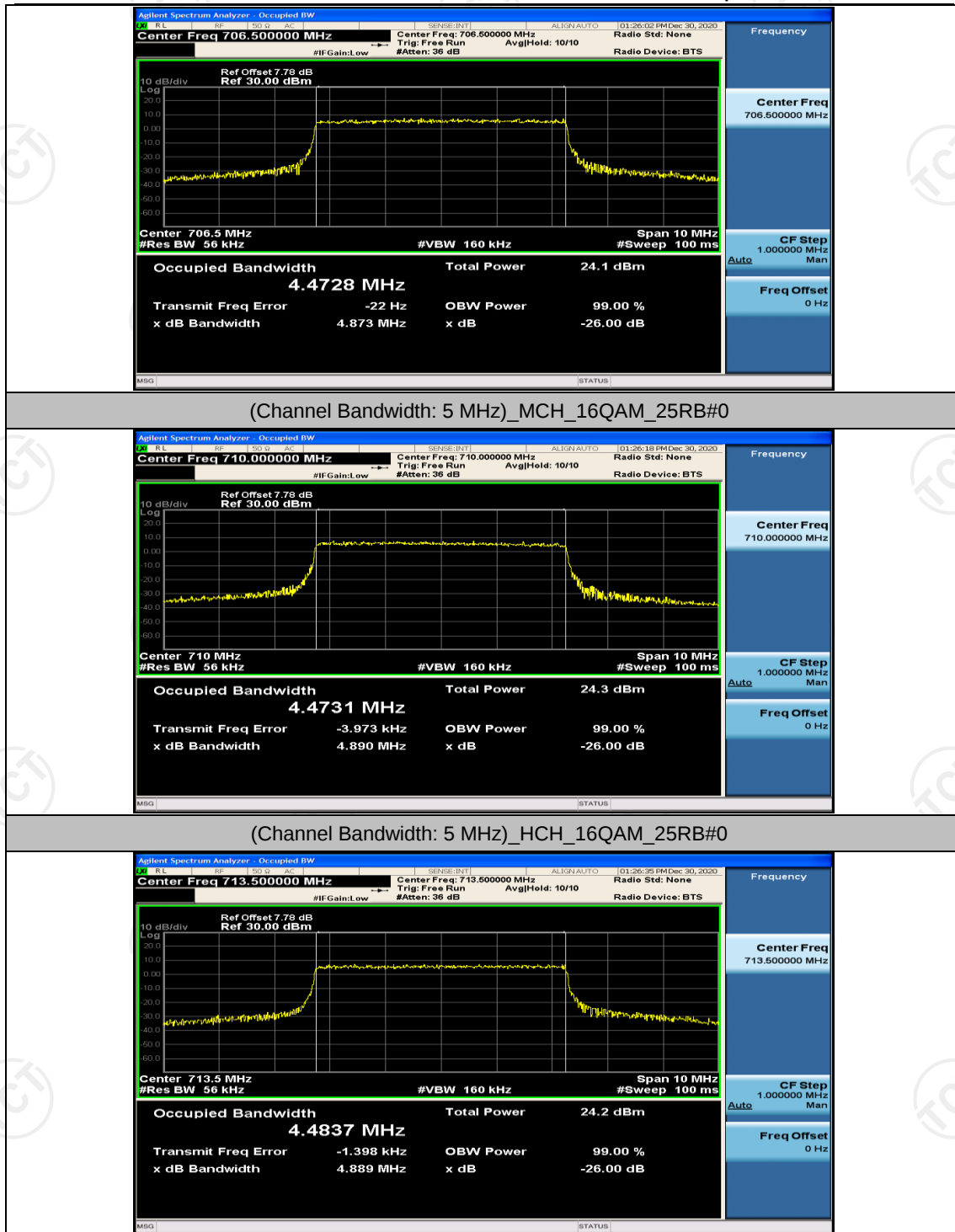
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9388	9.423	PASS
	MCH	50	0	8.9396	9.462	PASS
	HCH	50	0	8.9254	9.487	PASS
16QAM	LCH	50	0	8.9158	9.473	PASS
	MCH	50	0	8.9296	9.550	PASS
	HCH	50	0	8.9405	9.519	PASS

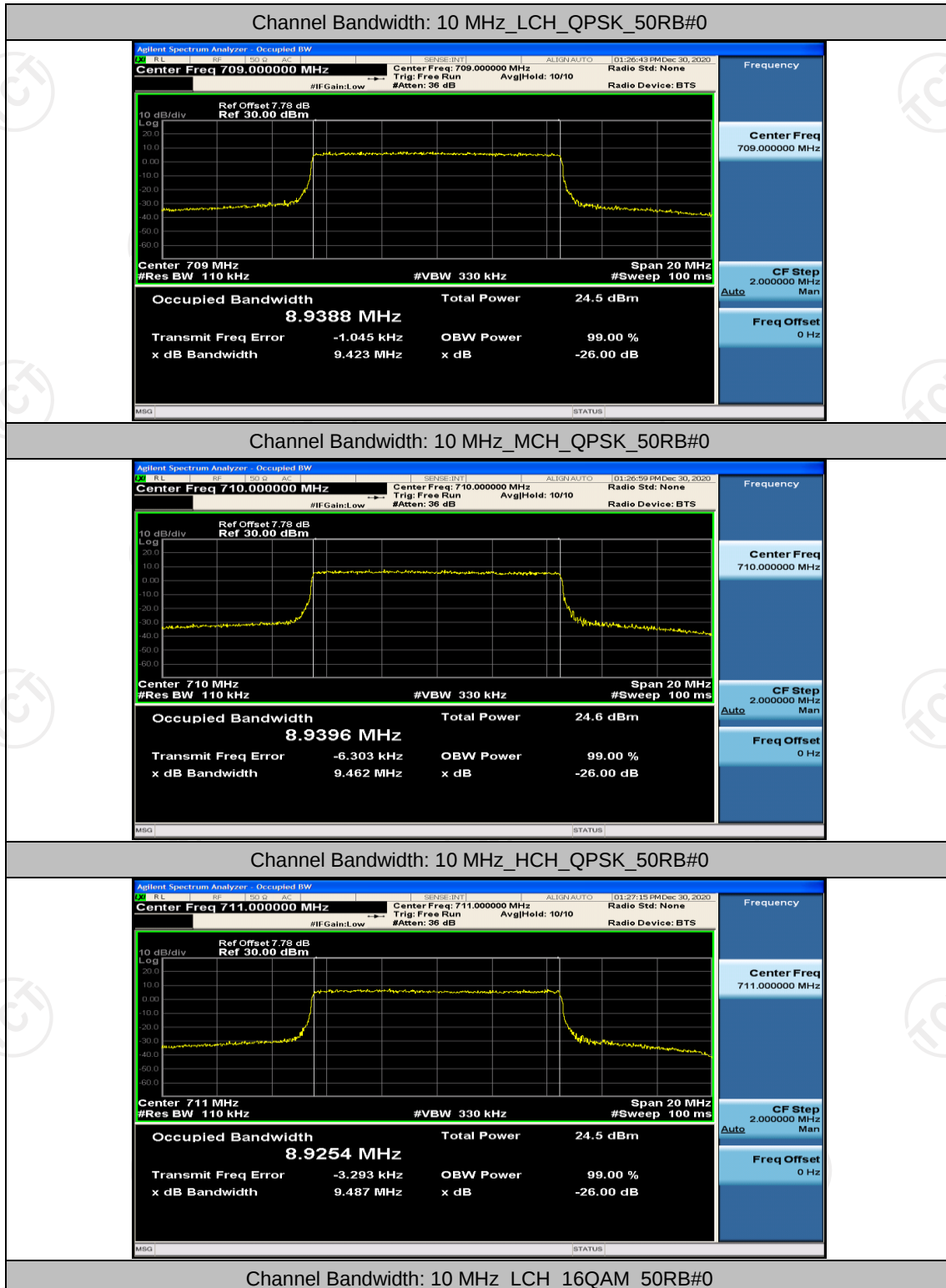
Test Graphs

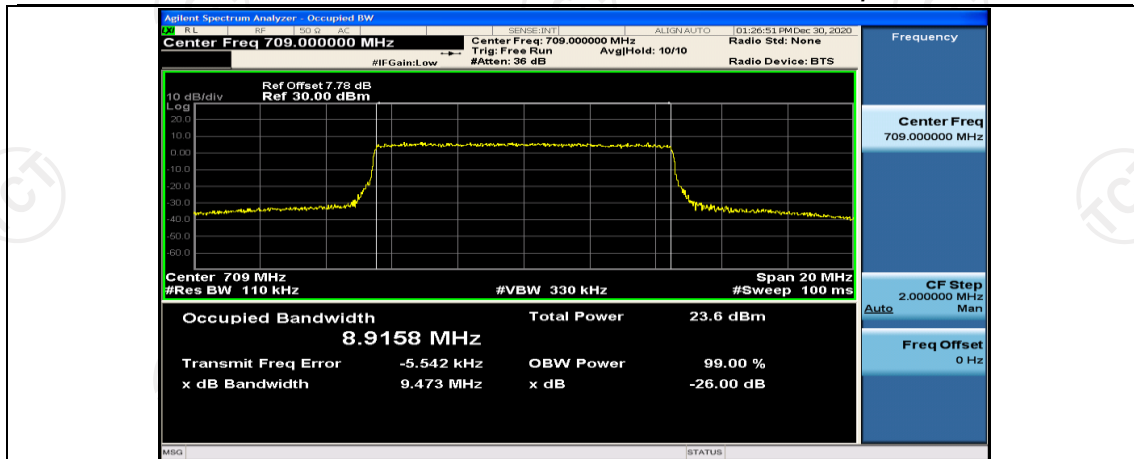
Channel Bandwidth: 5 MHz



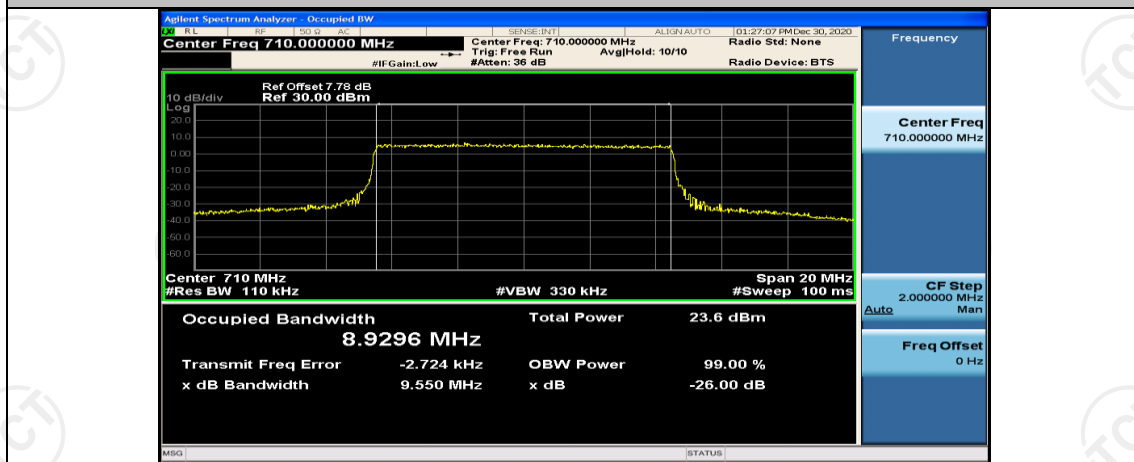


Channel Bandwidth: 10 MHz

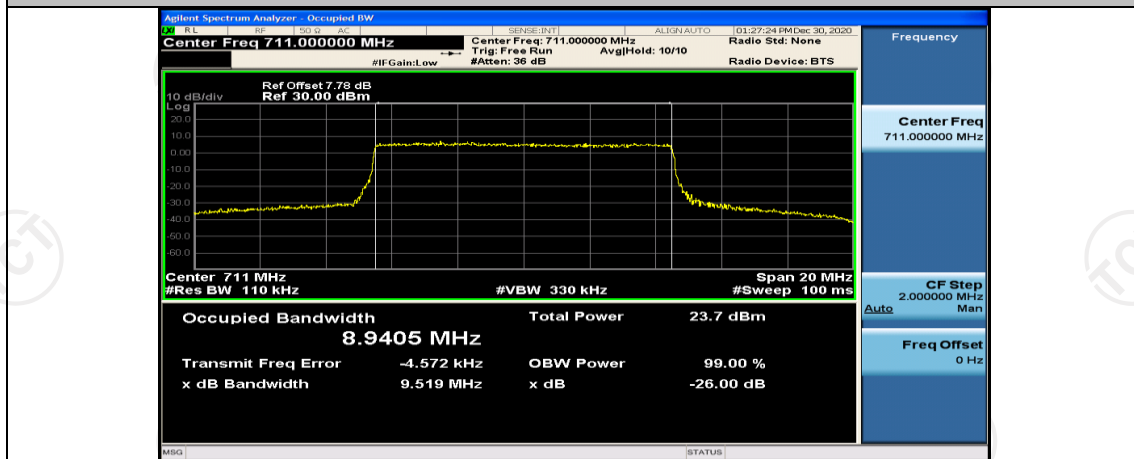




Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0



Appendix D: Band Edge

Test Graphs

Channel Bandwidth: 5 MHz

