

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	23.07	22.97	PASS
		1	12	23.00	22.90	PASS
		1	24	23.09	22.99	PASS
		12	0	23.17	23.07	PASS
		12	6	23.16	23.06	PASS
		12	13	23.15	23.05	PASS
		25	0	23.12	23.02	PASS
	MCH	1	0	23.20	23.10	PASS
		1	12	23.22	23.12	PASS
		1	24	23.22	23.12	PASS
		12	0	23.05	22.95	PASS
		12	6	23.14	23.04	PASS
		12	13	23.16	23.06	PASS
		25	0	23.16	23.06	PASS
	HCH	1	0	23.15	23.05	PASS
		1	12	23.12	23.02	PASS
		1	24	23.20	23.10	PASS
		12	0	23.12	23.02	PASS
		12	6	23.12	23.02	PASS
		12	13	23.19	23.09	PASS
		25	0	23.15	23.05	PASS
16QAM	LCH	1	0	21.87	21.77	PASS
		1	12	22.02	21.92	PASS
		1	24	22.04	21.94	PASS
		12	0	21.27	21.17	PASS
		12	6	21.18	21.08	PASS
		12	13	21.14	21.04	PASS
		25	0	21.07	20.97	PASS
	MCH	1	0	22.02	21.92	PASS
		1	12	22.12	22.02	PASS
		1	24	21.97	21.87	PASS
		12	0	21.17	21.07	PASS

		12	6	21.21	21.11	PASS
		12	13	21.22	21.12	PASS
		25	0	21.26	21.16	PASS
	HCH	1	0	21.61	21.51	PASS
		1	12	21.54	21.44	PASS
		1	24	21.58	21.48	PASS
		12	0	21.16	21.06	PASS
		12	6	21.18	21.08	PASS
		12	13	21.38	21.28	PASS
		25	0	21.44	21.34	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	23.06	22.96	PASS
		1	24	23.07	22.97	PASS
		1	49	23.08	22.98	PASS
		25	0	23.14	23.04	PASS
		25	12	23.12	23.02	PASS
		25	25	23.19	23.09	PASS
		50	0	23.14	23.04	PASS
	MCH	1	0	23.30	23.20	PASS
		1	24	23.29	23.19	PASS
		1	49	23.26	23.16	PASS
		25	0	23.12	23.02	PASS
		25	12	23.12	23.02	PASS
		25	25	23.16	23.06	PASS
		50	0	23.02	22.92	PASS
	HCH	1	0	23.11	23.01	PASS
		1	24	23.18	23.08	PASS
		1	49	23.22	23.12	PASS
		25	0	23.12	23.02	PASS
		25	12	23.12	23.02	PASS
		25	25	23.14	23.04	PASS
		50	0	23.22	23.12	PASS
16QAM	LCH	1	0	22.02	21.92	PASS
		1	24	22.02	21.92	PASS
		1	49	22.14	22.04	PASS
		25	0	21.18	21.08	PASS

		25	12	21.16	21.06	PASS
		25	25	21.04	20.94	PASS
		50	0	21.17	21.07	PASS
	MCH	1	0	21.93	21.83	PASS
		1	24	21.93	21.83	PASS
		1	49	21.87	21.77	PASS
		25	0	21.40	21.30	PASS
		25	12	21.34	21.24	PASS
		25	25	21.25	21.15	PASS
		50	0	21.26	21.16	PASS
	HCH	1	0	22.11	22.01	PASS
		1	24	22.18	22.08	PASS
		1	49	22.09	21.99	PASS
		25	0	21.33	21.23	PASS
		25	12	21.28	21.18	PASS
		25	25	21.56	21.46	PASS
		50	0	21.26	21.16	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	5.75	<13	PASS
		1	12	5.56	<13	PASS
		1	24	5.61	<13	PASS
		12	0	5.63	<13	PASS
		12	6	5.75	<13	PASS
		12	13	5.56	<13	PASS
		25	0	5.54	<13	PASS
	MCH	1	0	5.37	<13	PASS
		1	12	5.23	<13	PASS
		1	24	5.13	<13	PASS
		12	0	5.54	<13	PASS
		12	6	5.46	<13	PASS
		12	13	5.32	<13	PASS
		25	0	5.44	<13	PASS
	HCH	1	0	5.56	<13	PASS
		1	12	5.35	<13	PASS
		1	24	5.18	<13	PASS
		12	0	5.29	<13	PASS
		12	6	5.24	<13	PASS
		12	13	5.1	<13	PASS
		25	0	5.28	<13	PASS
16QAM	LCH	1	0	6.37	<13	PASS
		1	12	6.33	<13	PASS
		1	24	6.16	<13	PASS
		12	0	6.52	<13	PASS
		12	6	6.52	<13	PASS
		12	13	6.48	<13	PASS
		25	0	6.53	<13	PASS
	MCH	1	0	5.99	<13	PASS
		1	12	5.9	<13	PASS

		1	24	5.77	<13	PASS
		12	0	6.53	<13	PASS
		12	6	6.53	<13	PASS
		12	13	6.5	<13	PASS
		25	0	6.47	<13	PASS
	HCH	1	0	6.21	<13	PASS
		1	12	6.28	<13	PASS
		1	24	6.1	<13	PASS
		12	0	6.42	<13	PASS
		12	6	6.37	<13	PASS
		12	13	6.38	<13	PASS
		25	0	6.34	<13	PASS

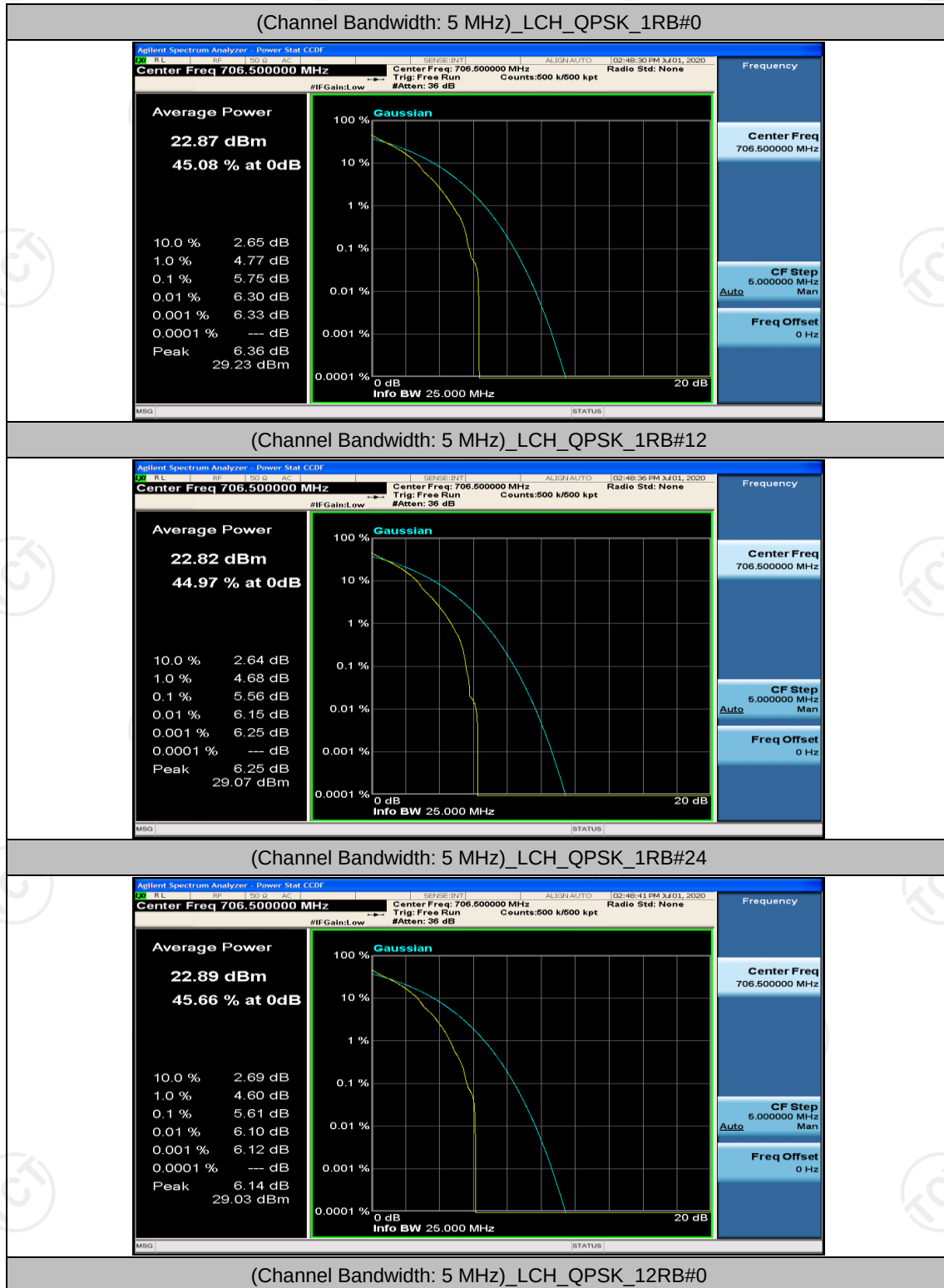
Channel Bandwidth: 10 MHz

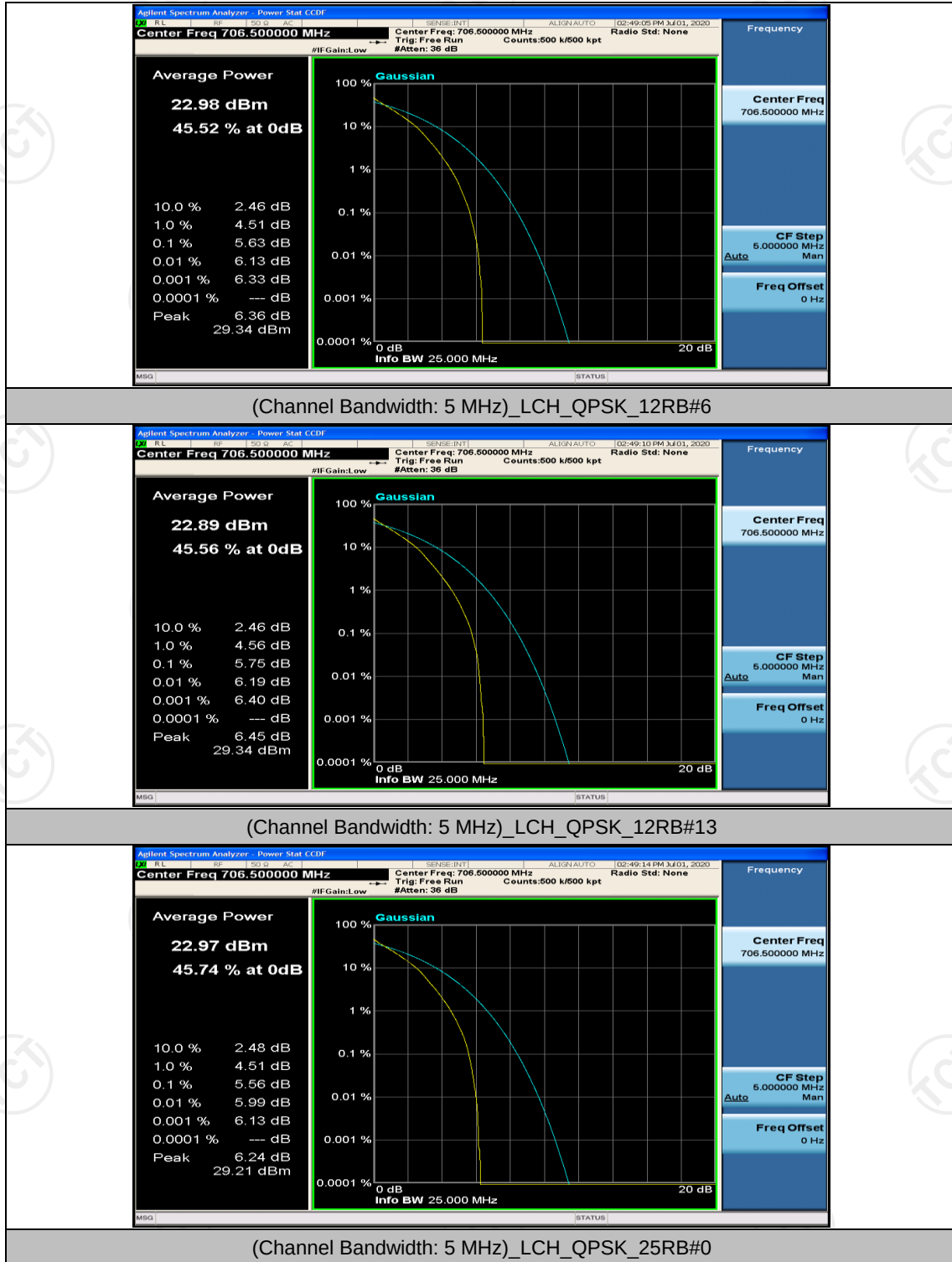
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.61	<13	PASS
		1	24	5.34	<13	PASS
		1	49	5.16	<13	PASS
		25	0	5.61	<13	PASS
		25	12	5.58	<13	PASS
		25	25	5.31	<13	PASS
		50	0	5.52	<13	PASS
	MCH	1	0	5.15	<13	PASS
		1	24	5.15	<13	PASS
		1	49	4.78	<13	PASS
		25	0	5.55	<13	PASS
		25	12	5.52	<13	PASS
		25	25	5.26	<13	PASS
		50	0	5.48	<13	PASS
	HCH	1	0	5.51	<13	PASS
		1	24	5.44	<13	PASS
		1	49	5.05	<13	PASS
		25	0	5.45	<13	PASS
		25	12	5.4	<13	PASS
		25	25	5.24	<13	PASS
		50	0	5.46	<13	PASS
16QAM	LCH	1	0	6.6	<13	PASS
		1	24	6.27	<13	PASS

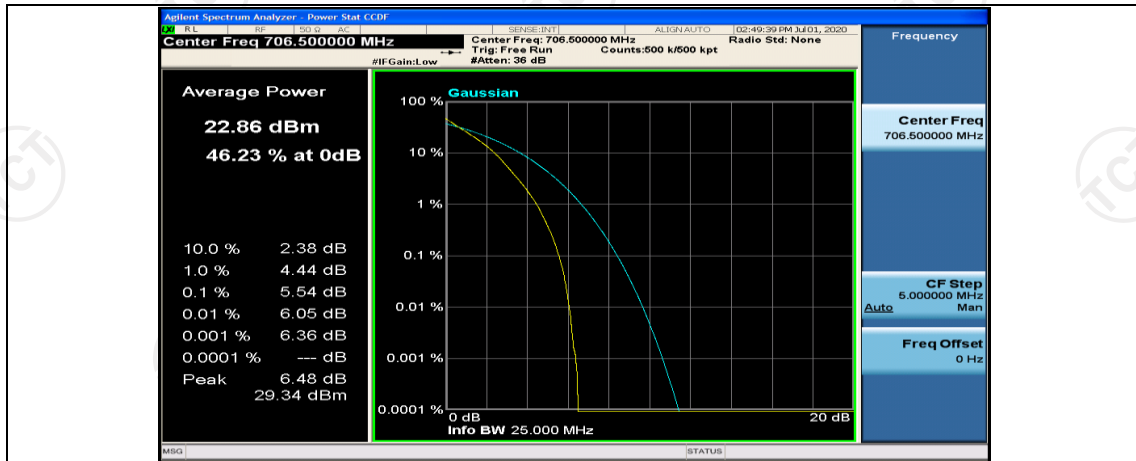
		1	49	6.17	<13	PASS
		25	0	6.66	<13	PASS
		25	12	6.64	<13	PASS
		25	25	6.53	<13	PASS
		50	0	6.46	<13	PASS
	MCH	1	0	6.1	<13	PASS
		1	24	6.01	<13	PASS
		1	49	5.91	<13	PASS
		25	0	6.61	<13	PASS
		25	12	6.57	<13	PASS
		25	25	6.55	<13	PASS
		50	0	6.48	<13	PASS
	HCH	1	0	6.49	<13	PASS
		1	24	6.28	<13	PASS
		1	49	5.96	<13	PASS
		25	0	6.49	<13	PASS
		25	12	6.5	<13	PASS
		25	25	6.34	<13	PASS
		50	0	6.45	<13	PASS

Test Graphs

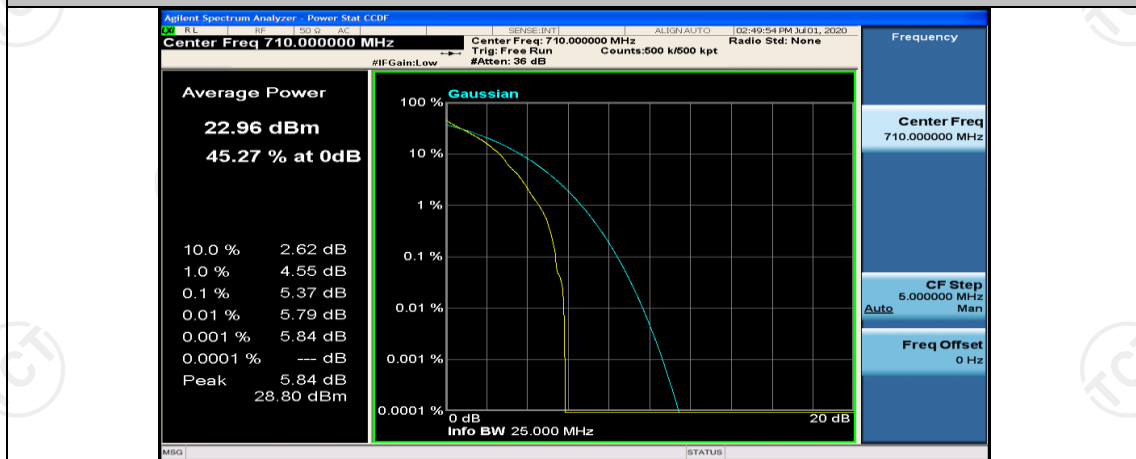
Channel Bandwidth: 5 MHz



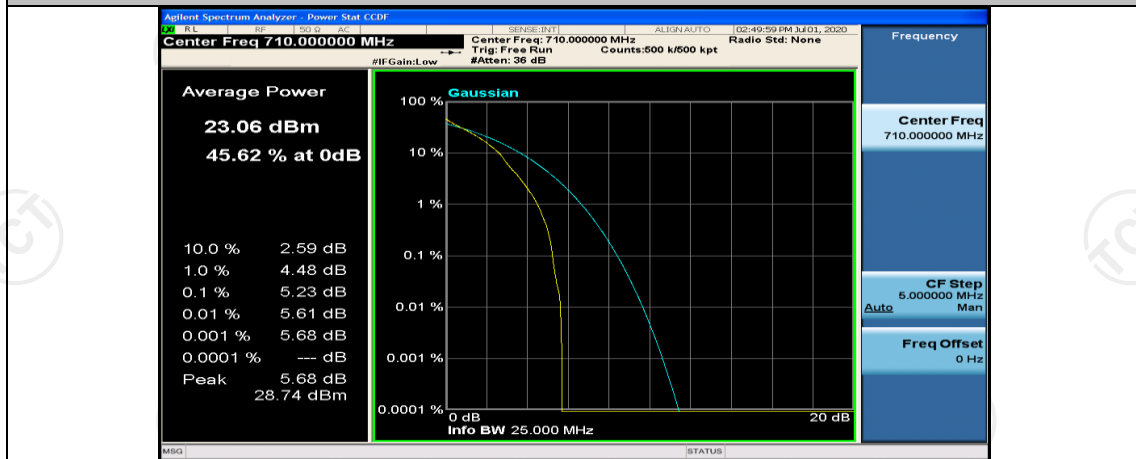




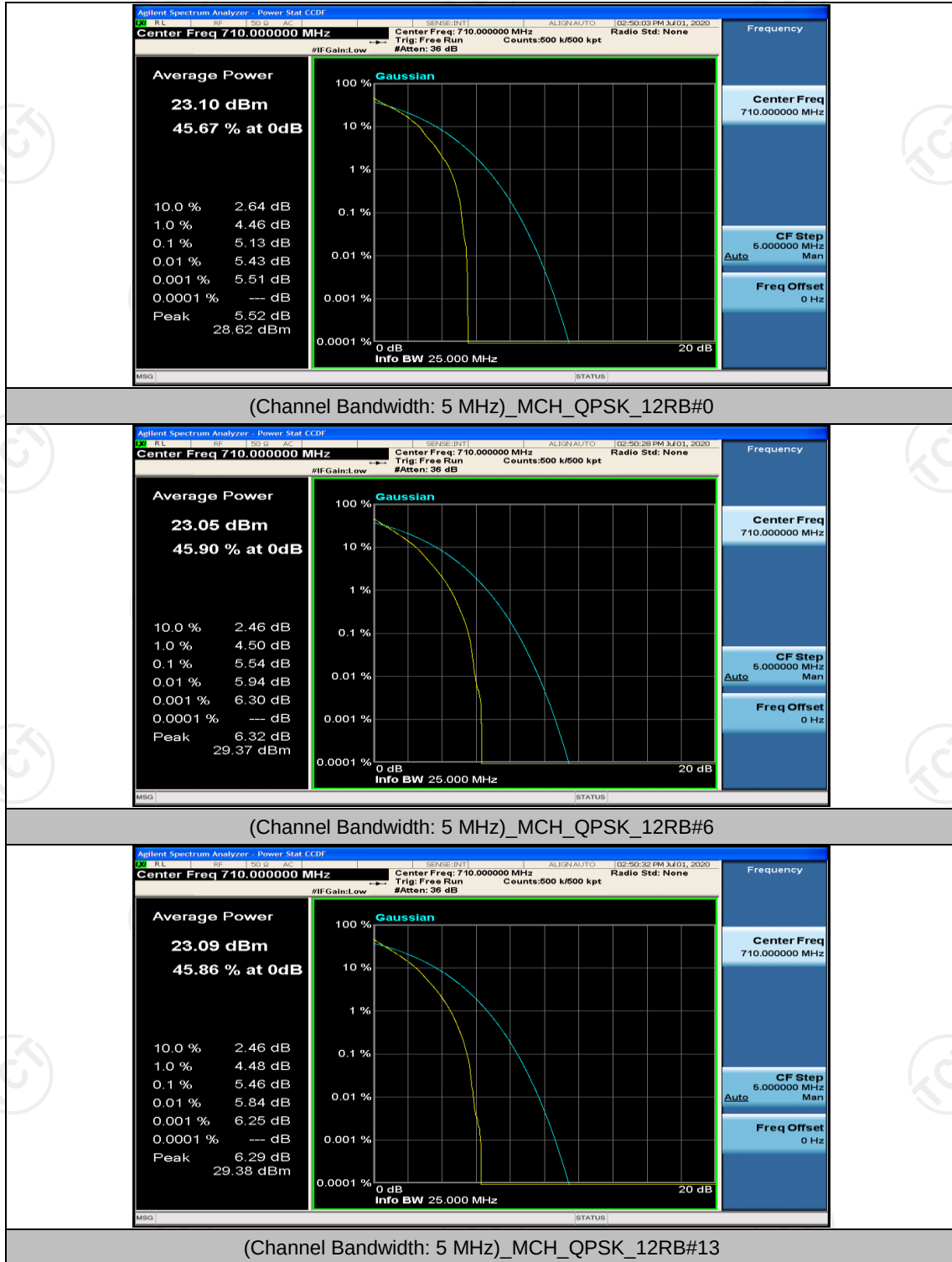
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

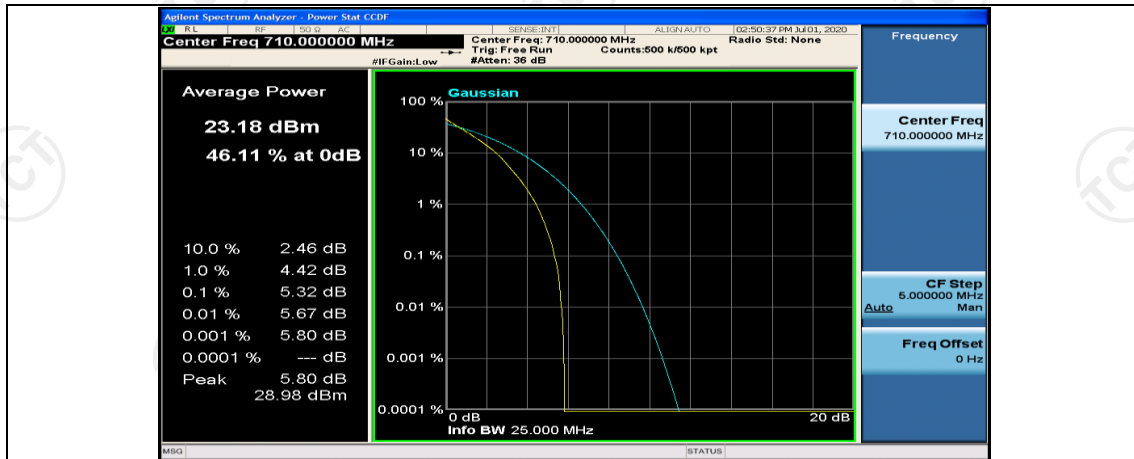


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

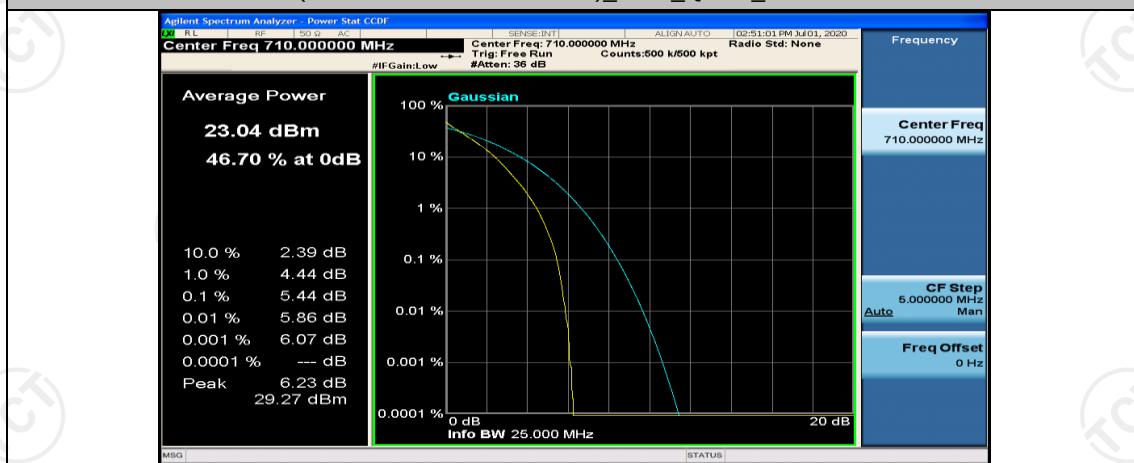


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

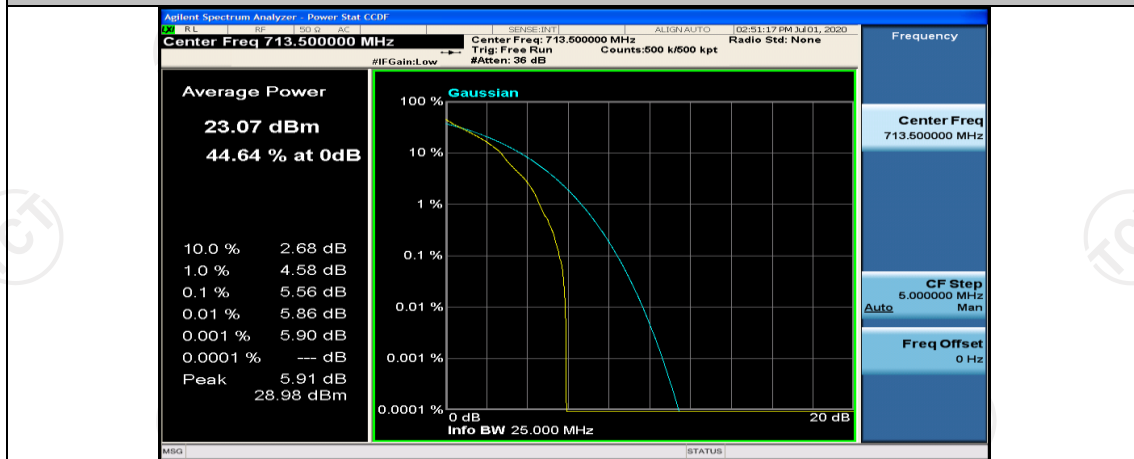




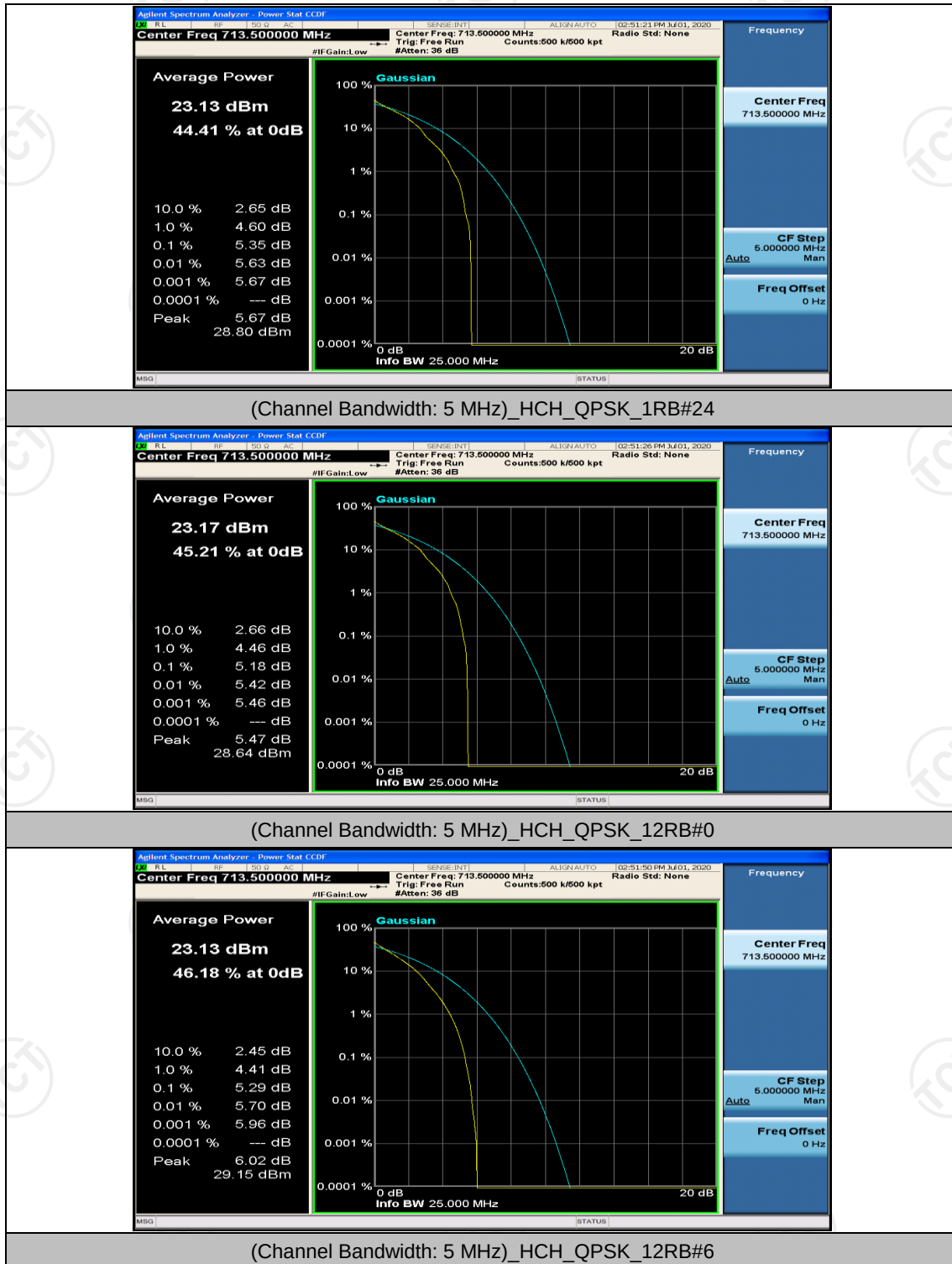
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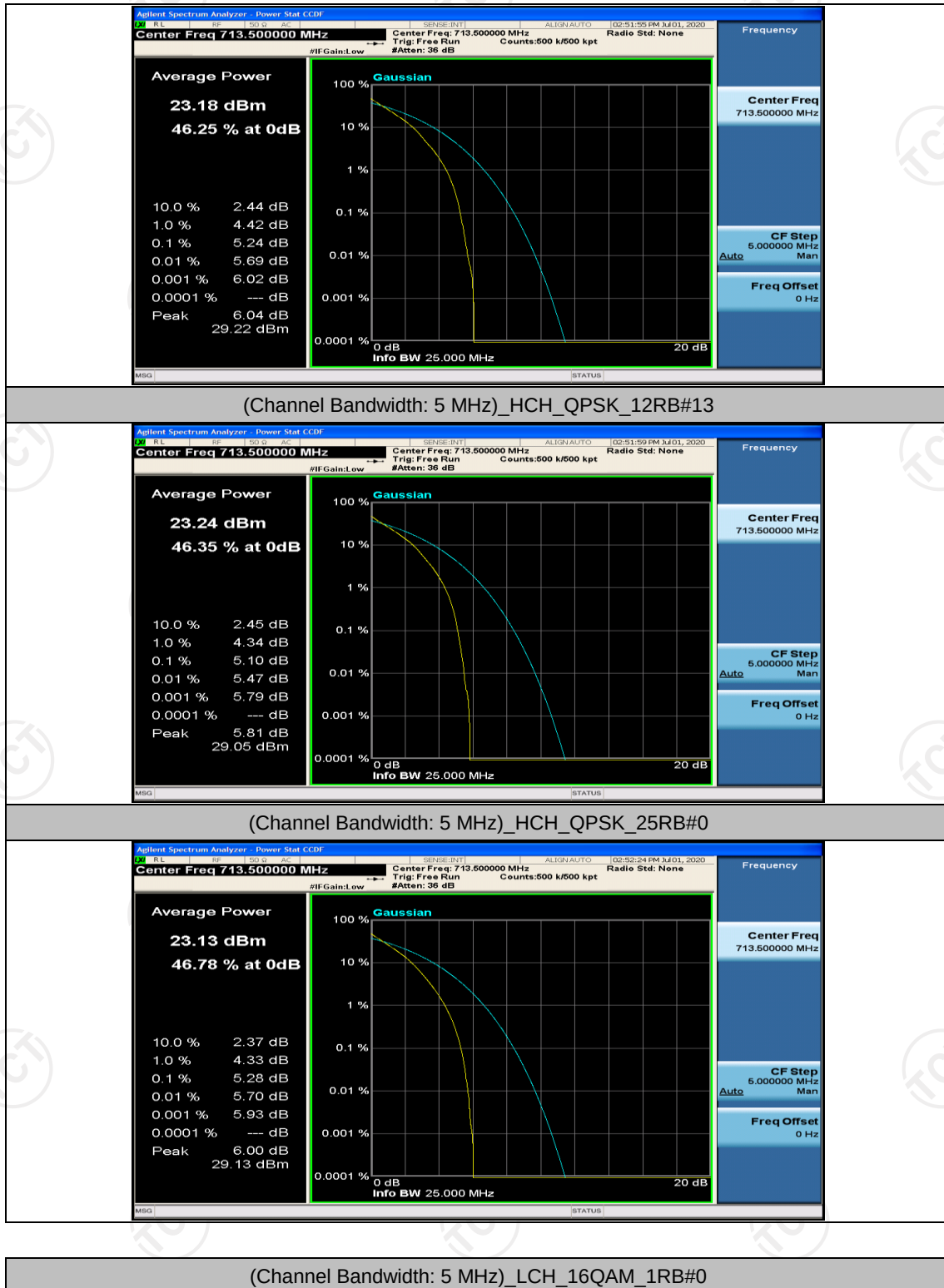


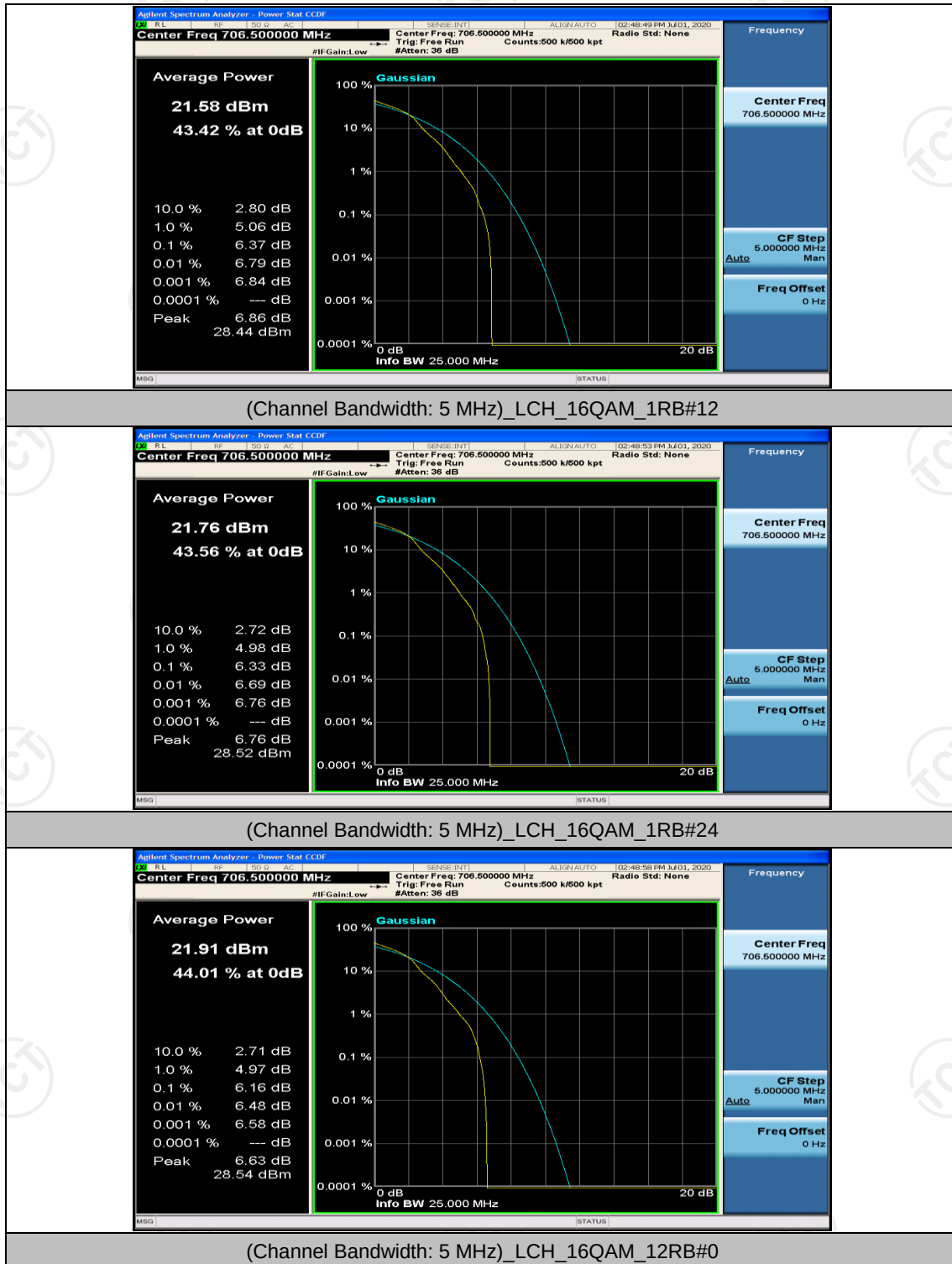
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

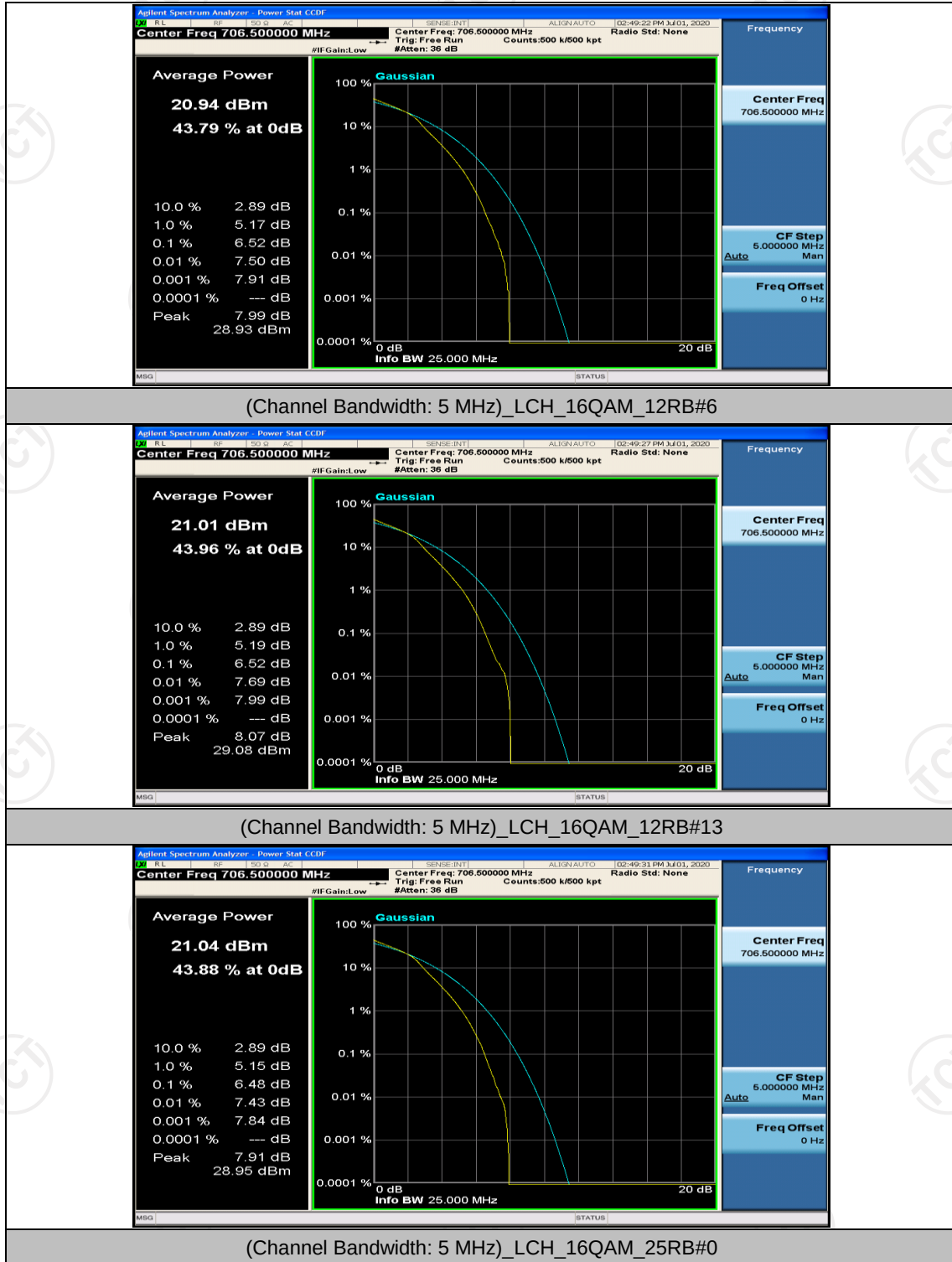


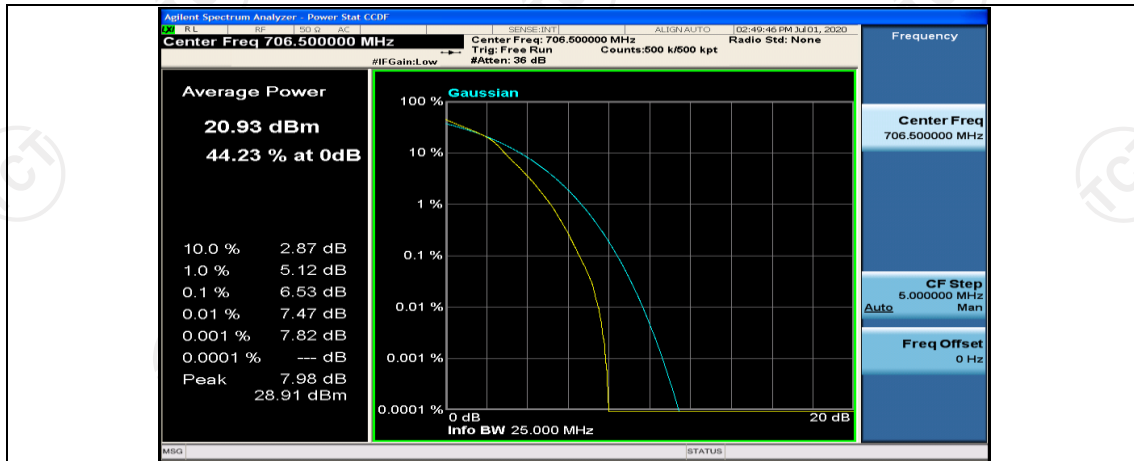
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



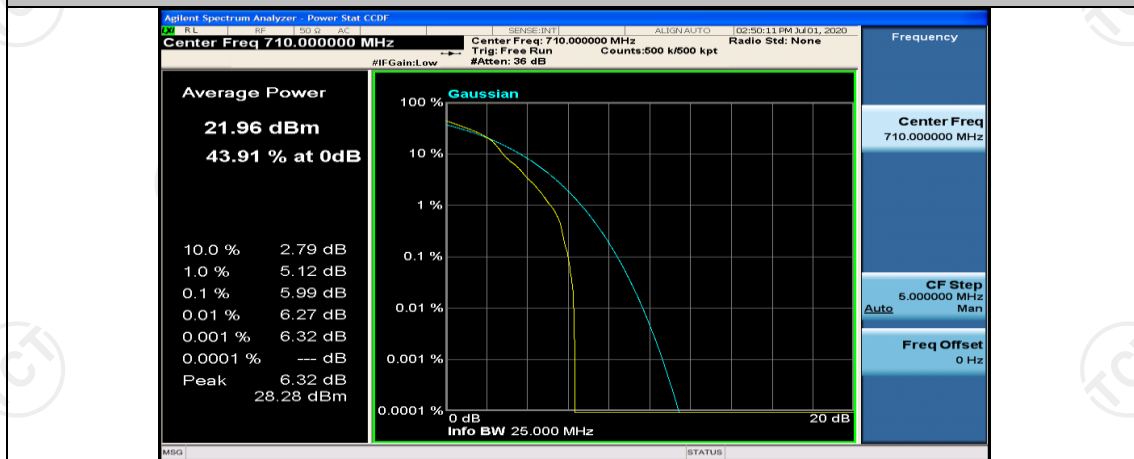




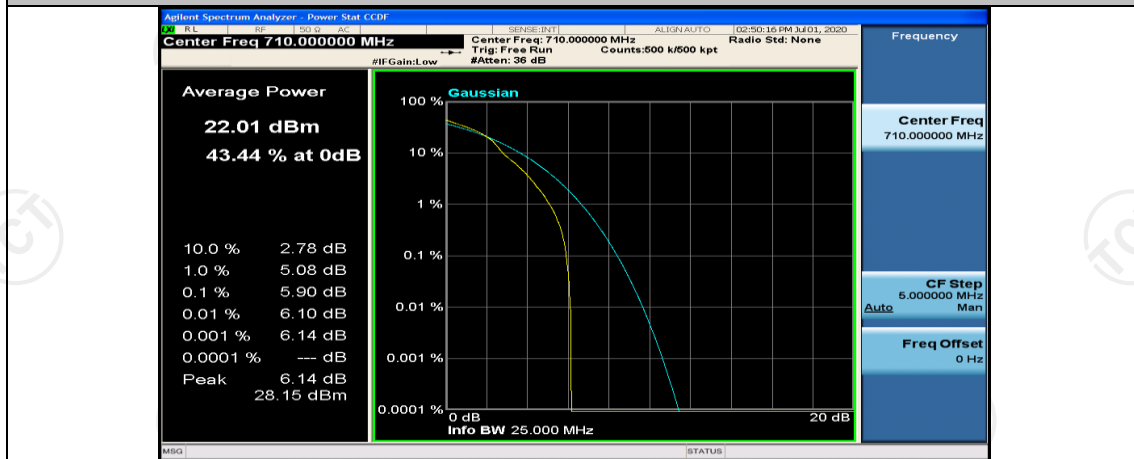




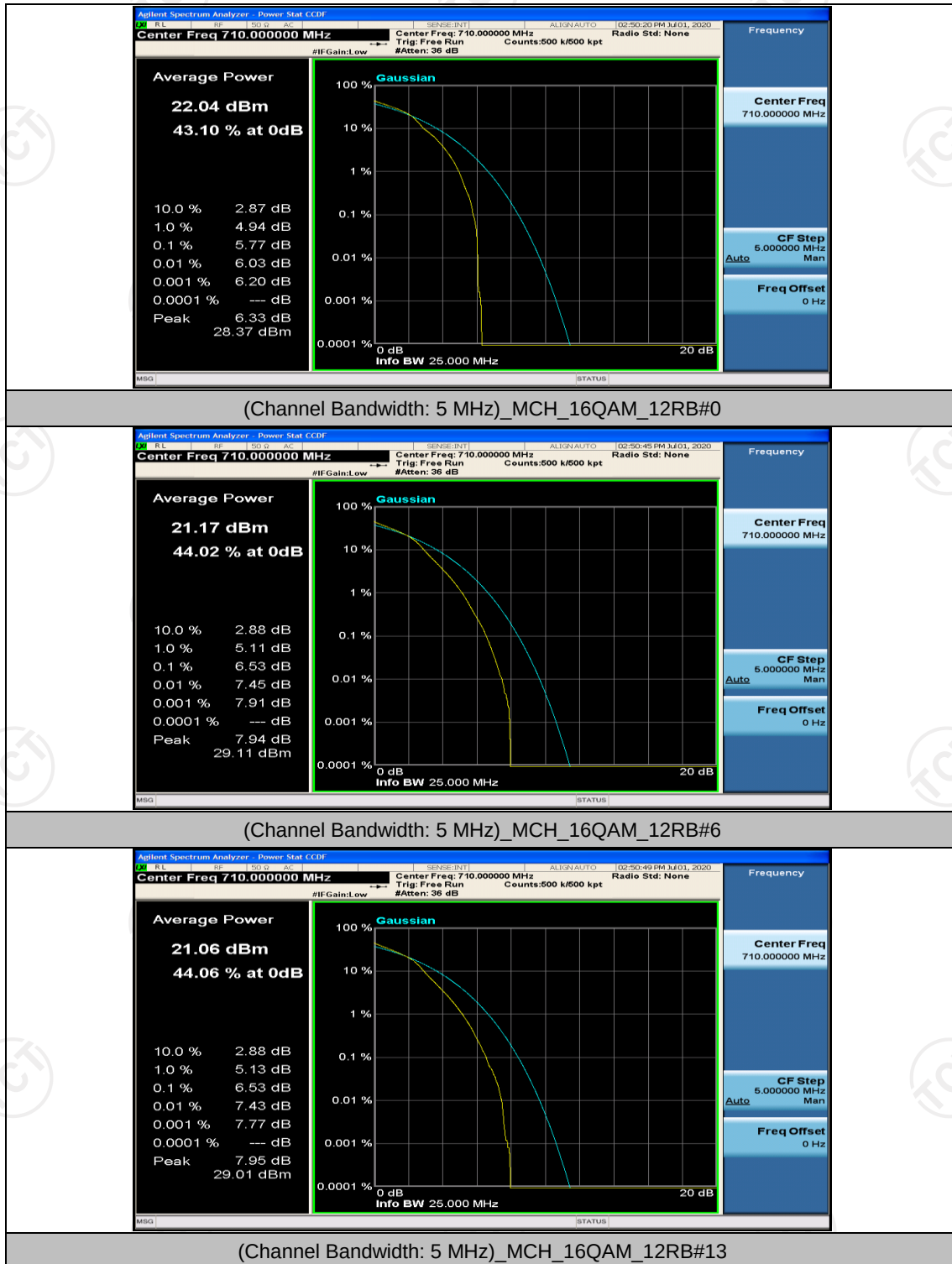
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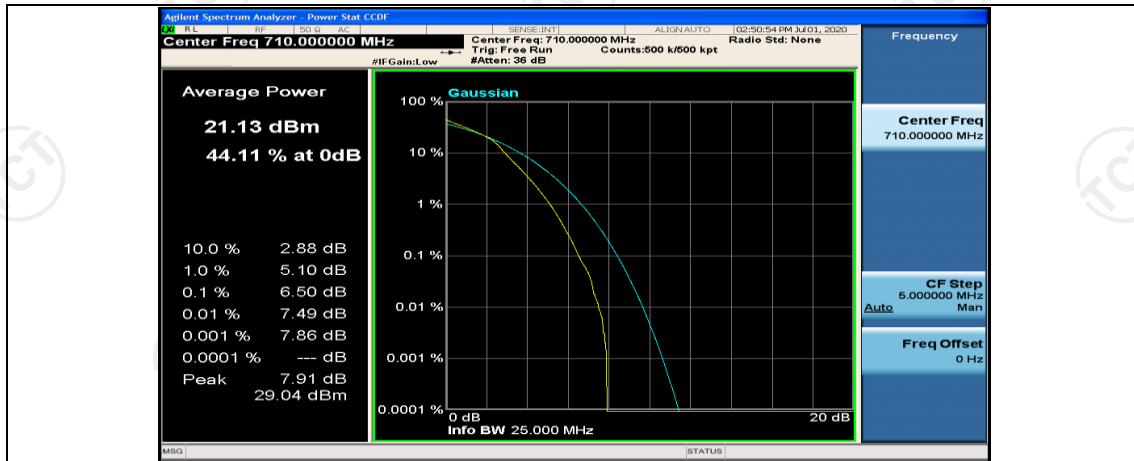


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

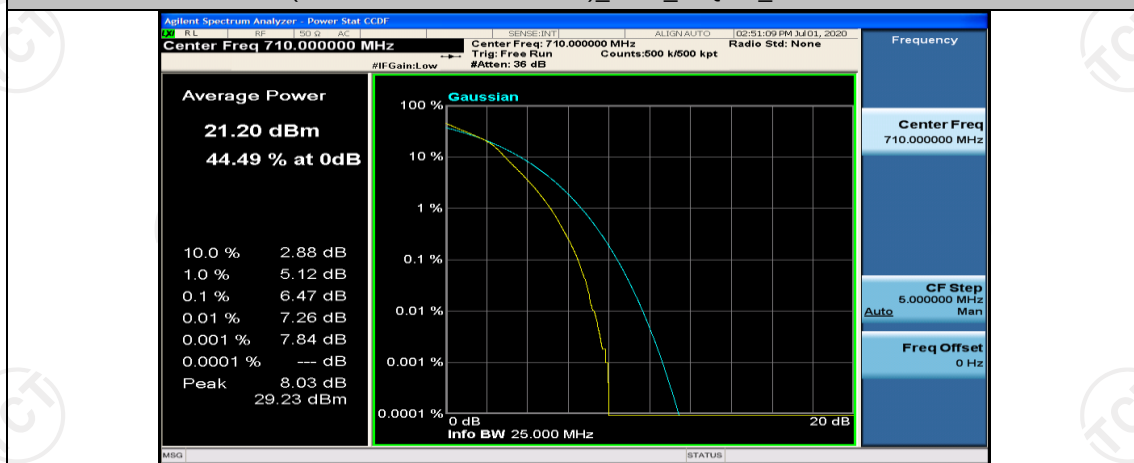


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

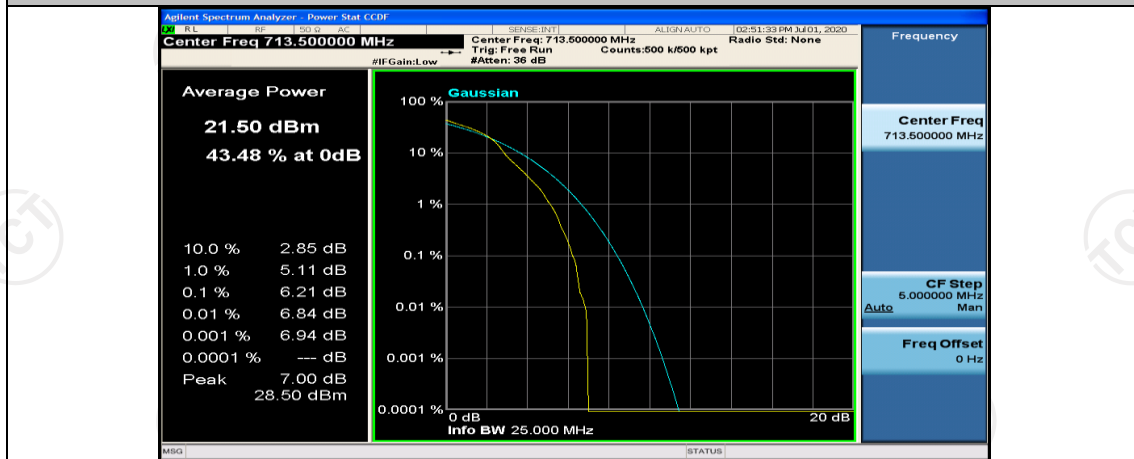




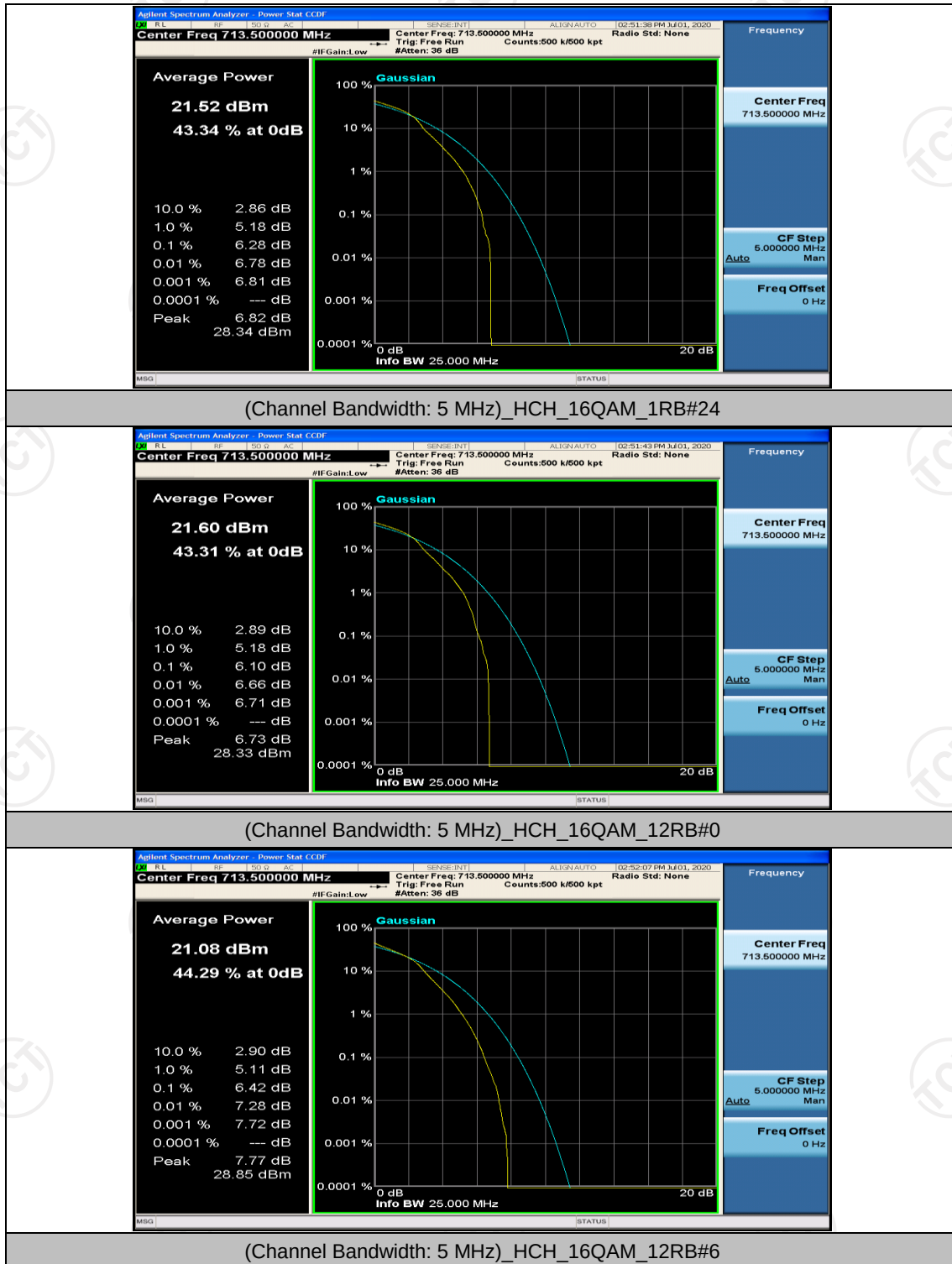
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

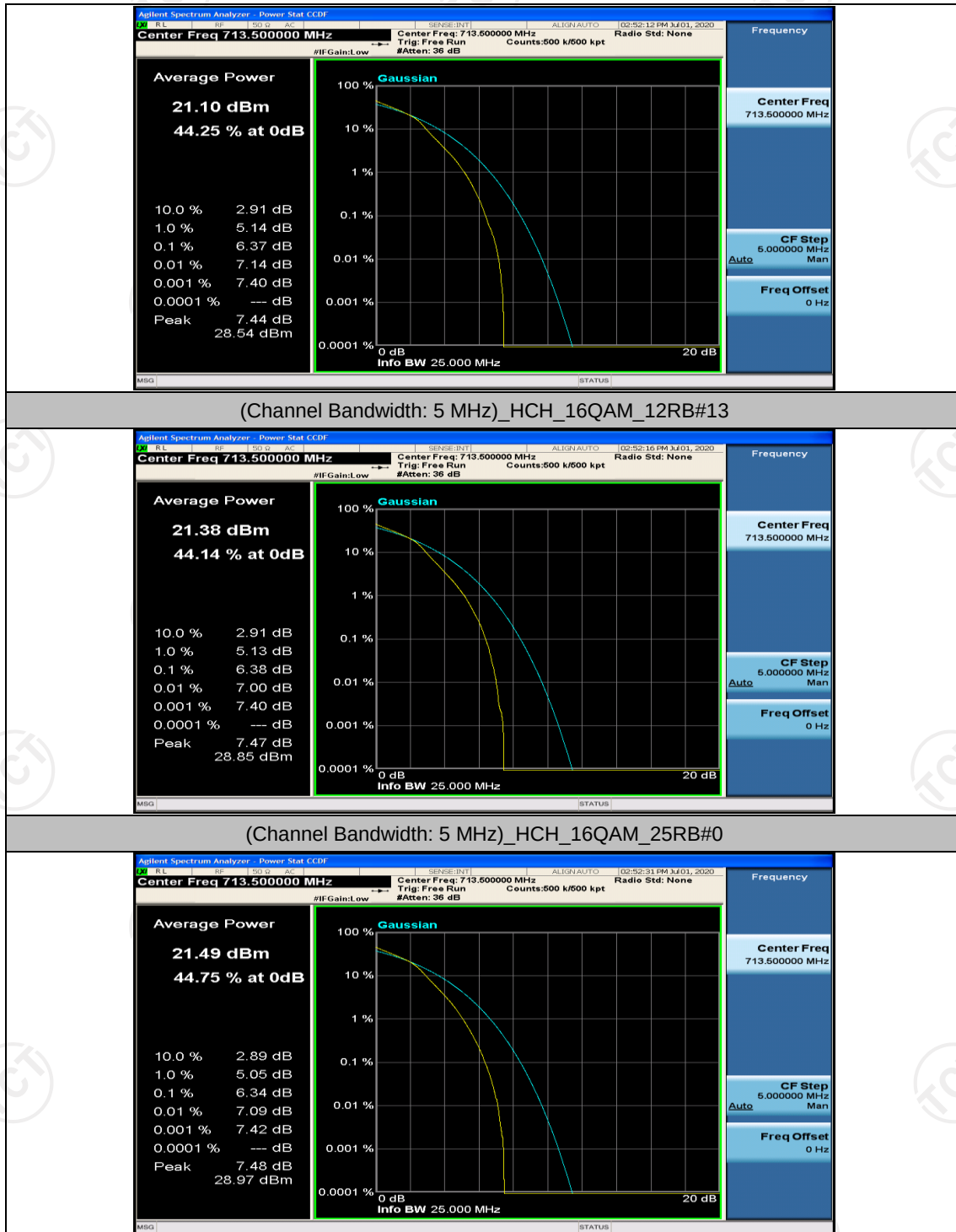


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

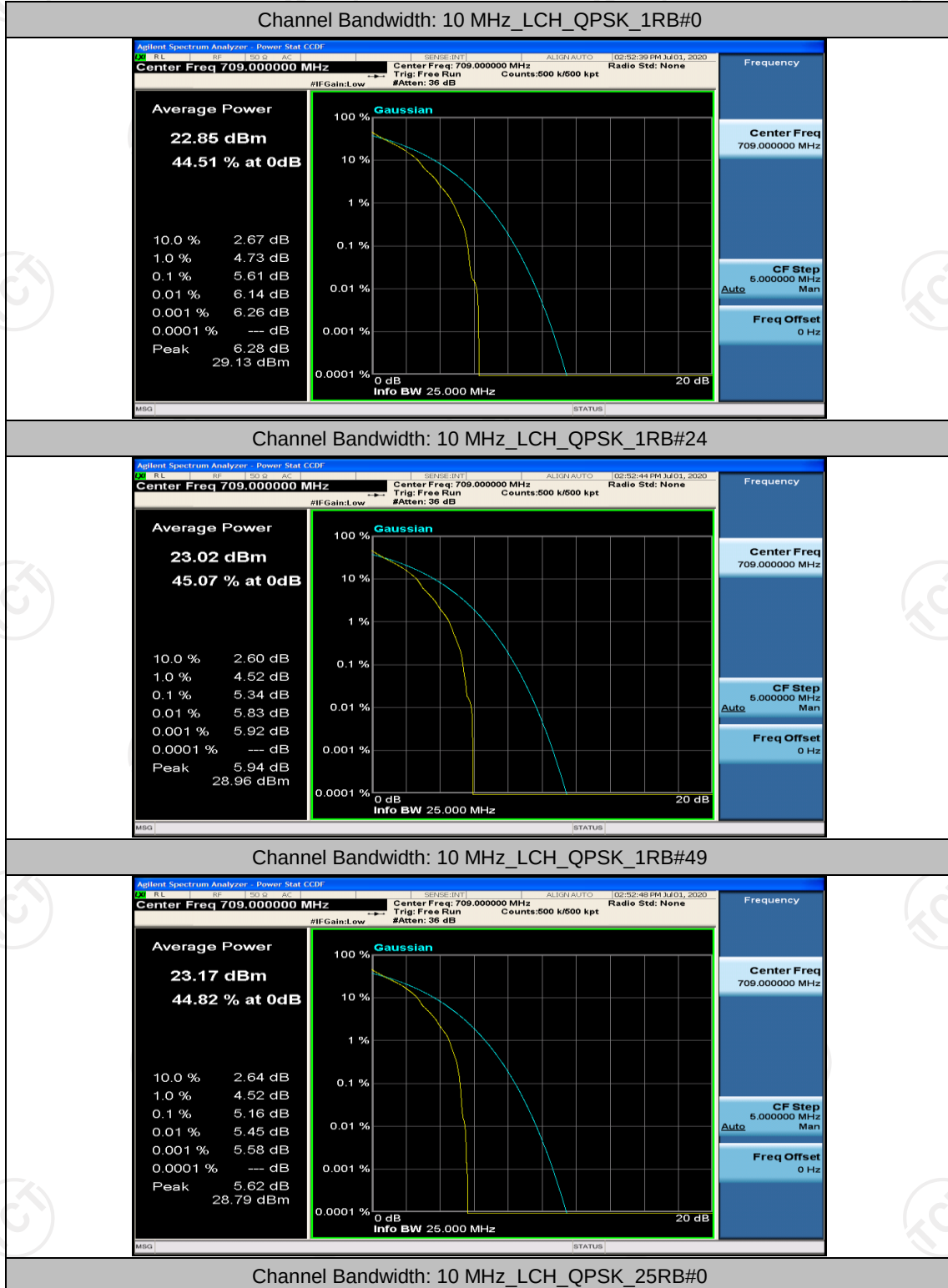


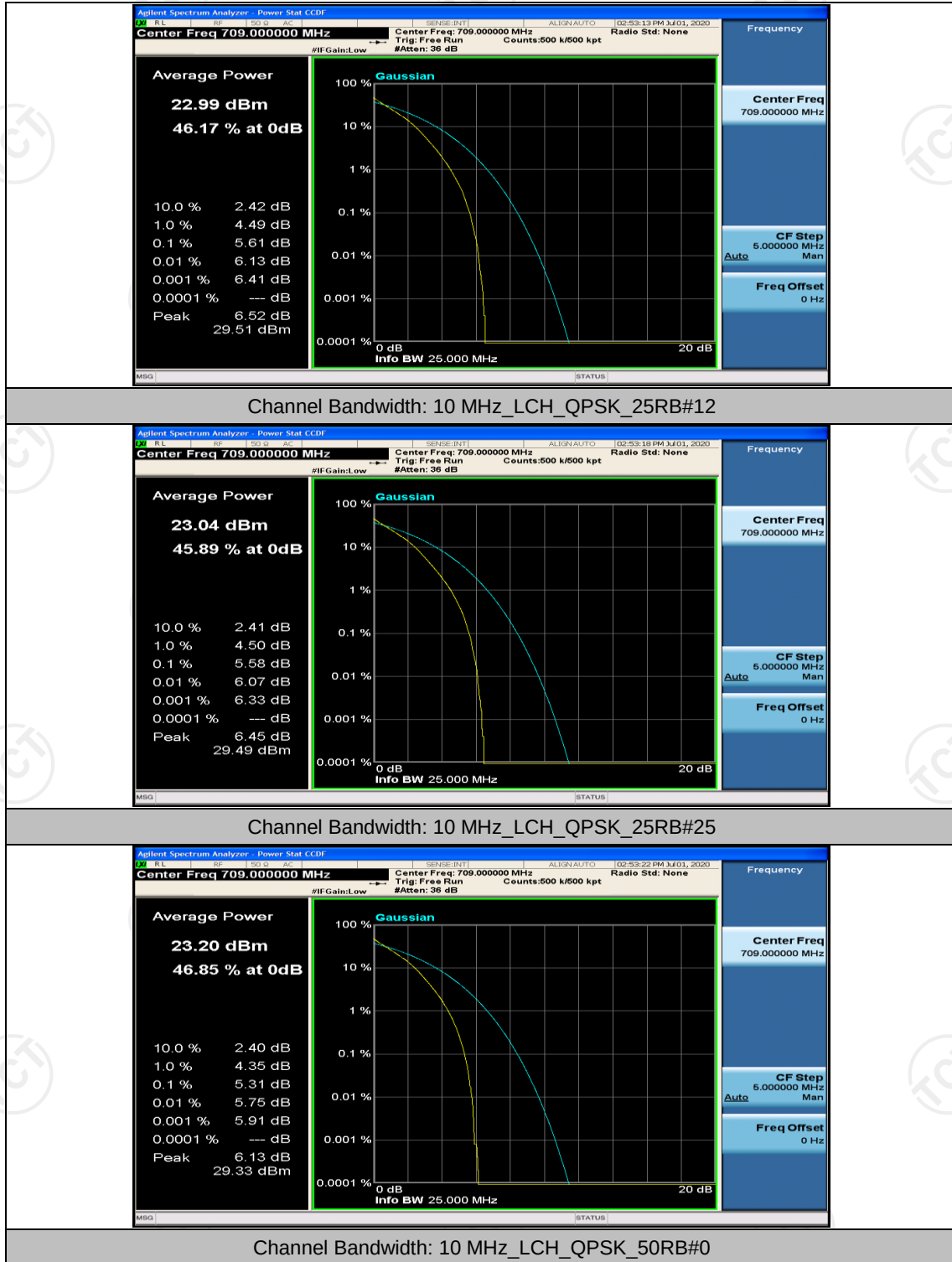
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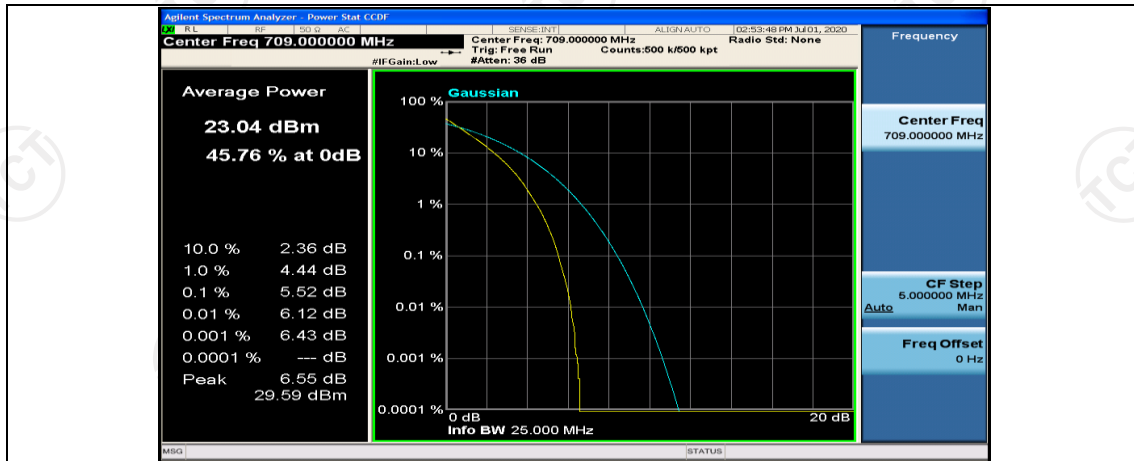




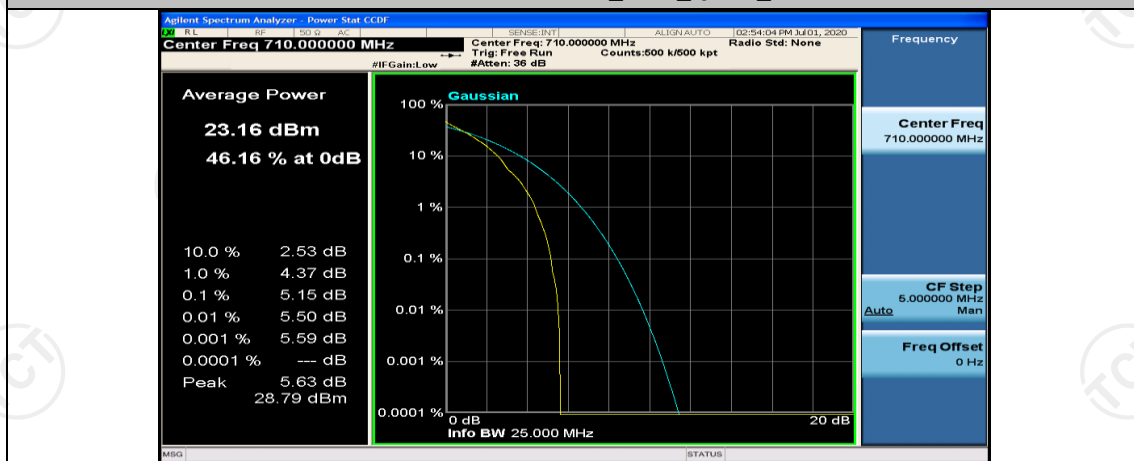
Channel Bandwidth: 10 MHz



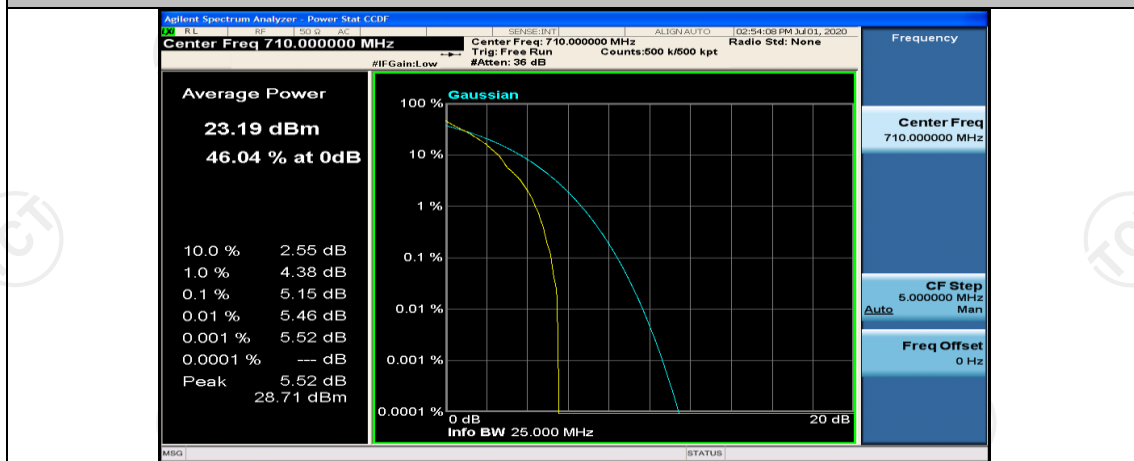




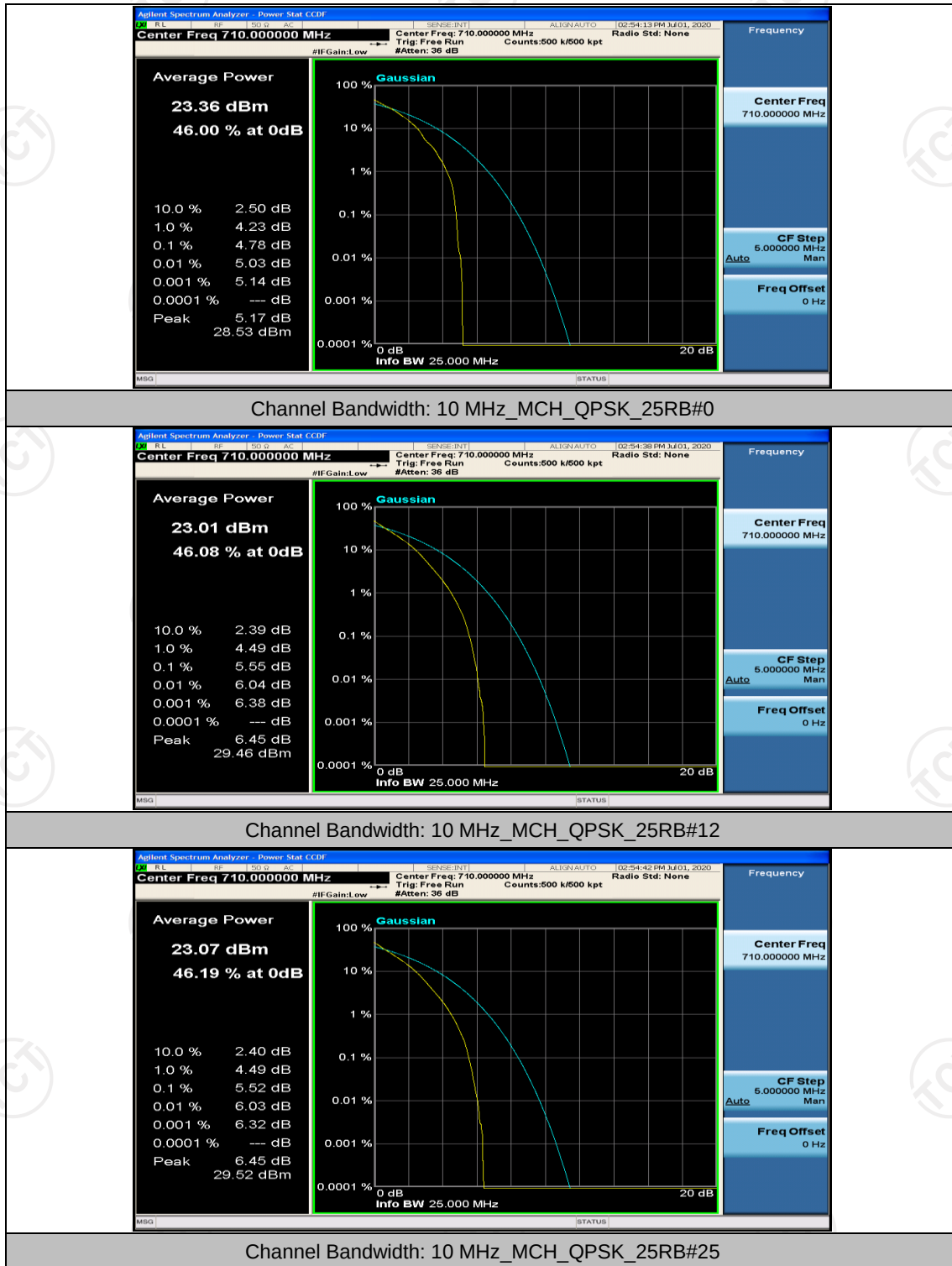
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

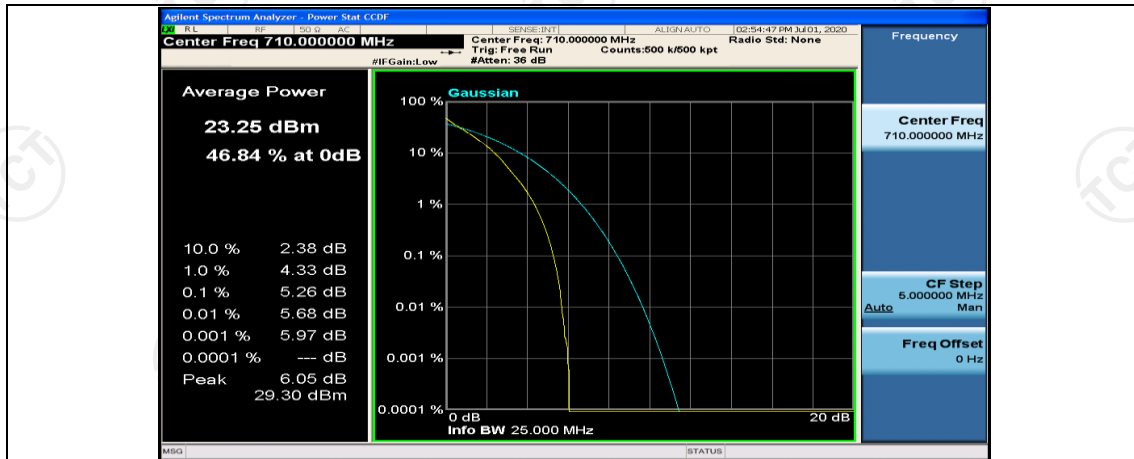


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

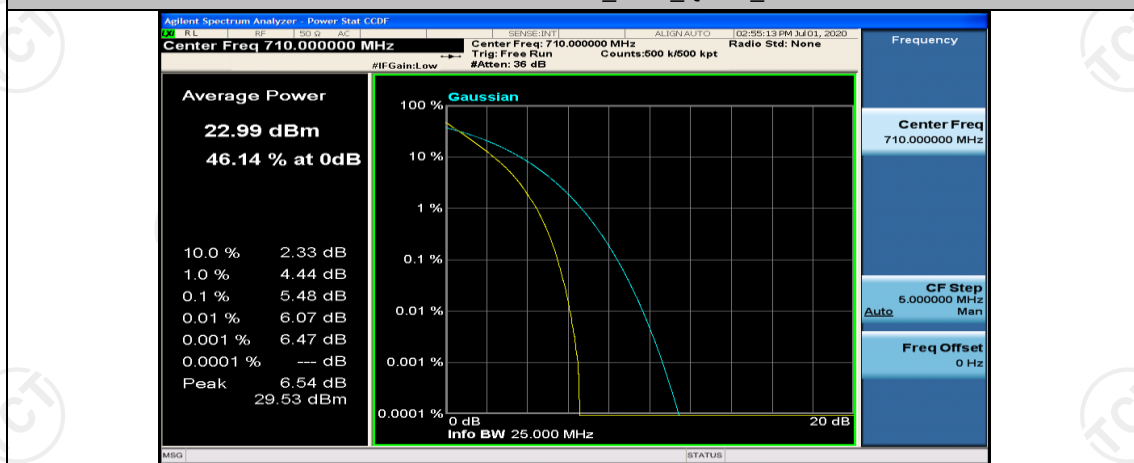


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

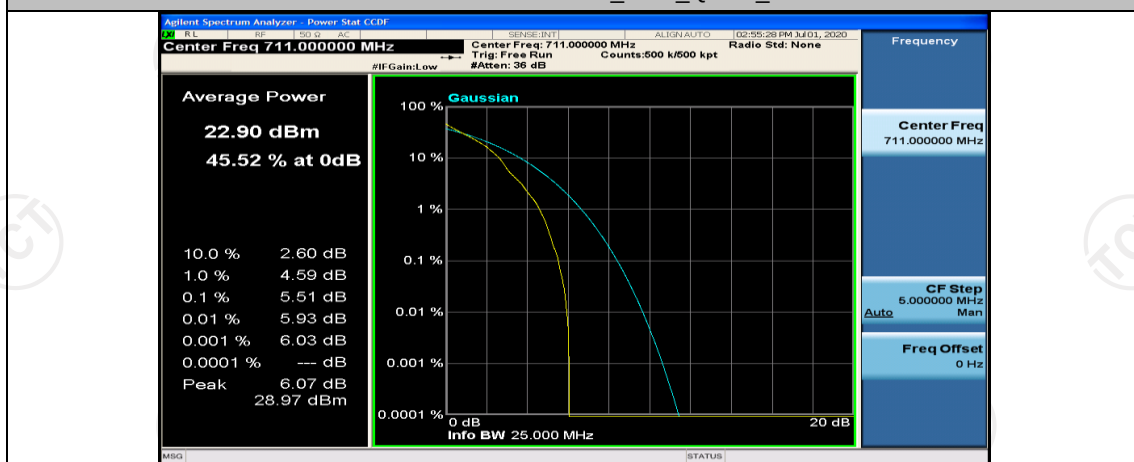




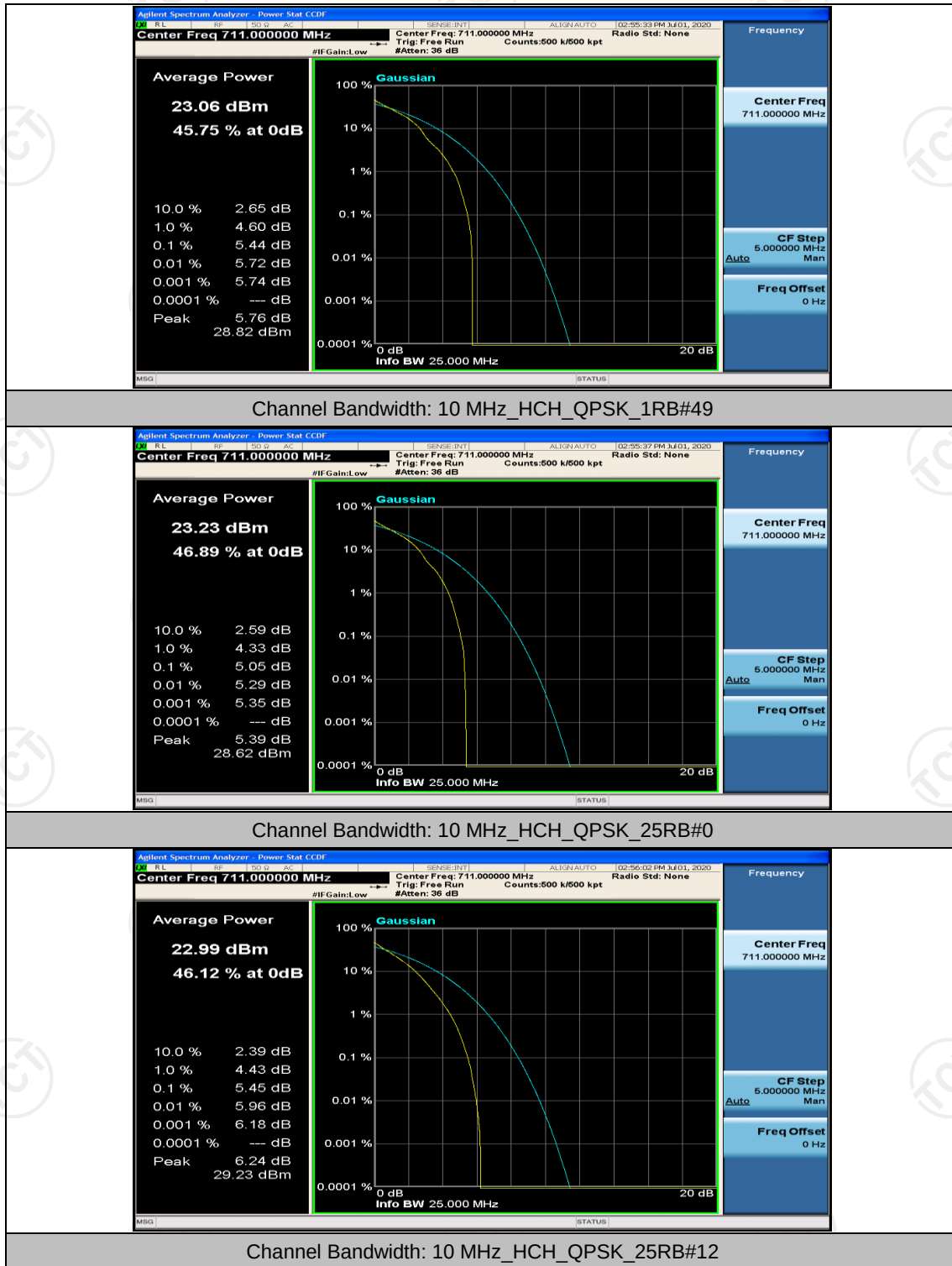
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

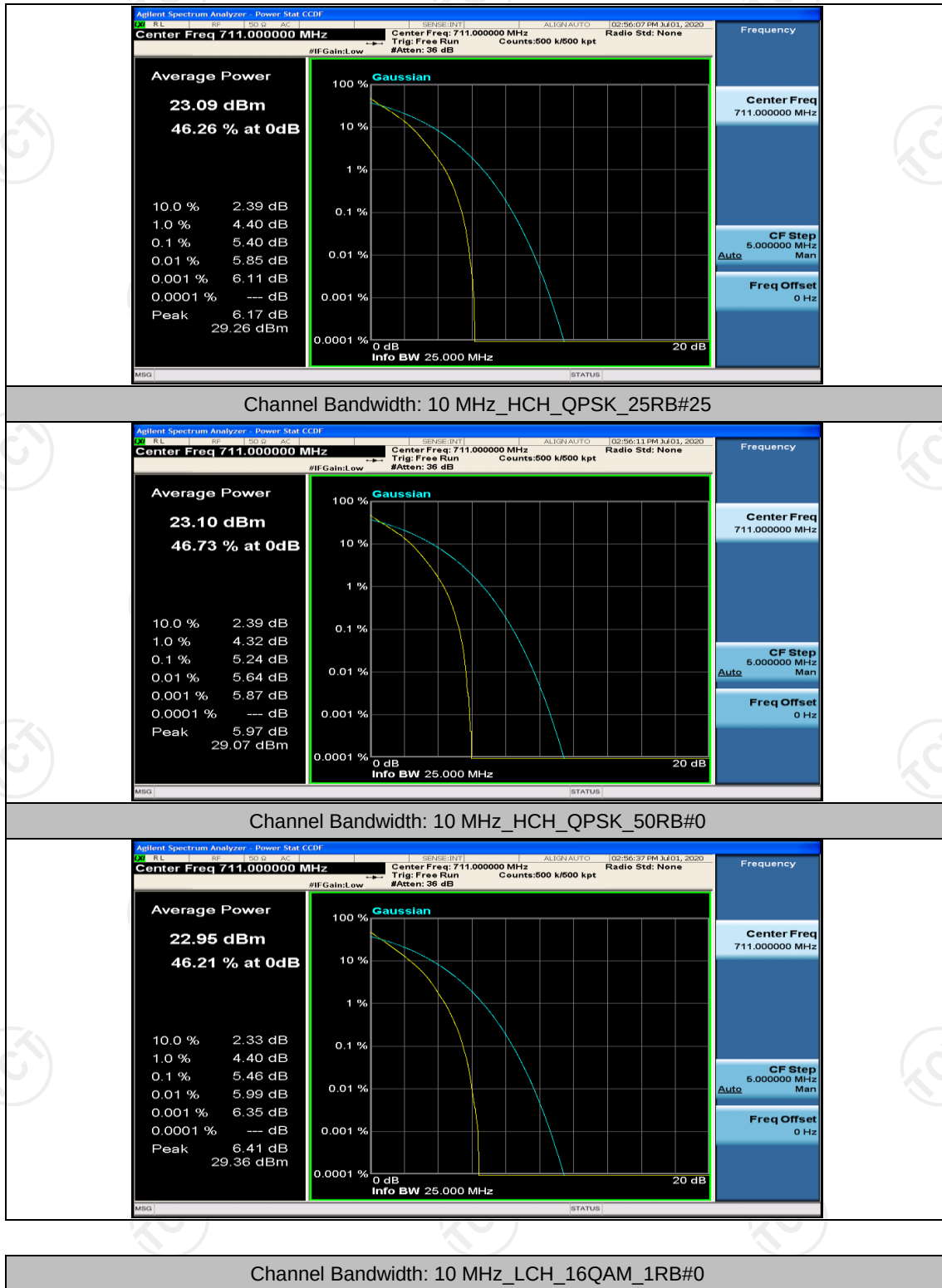


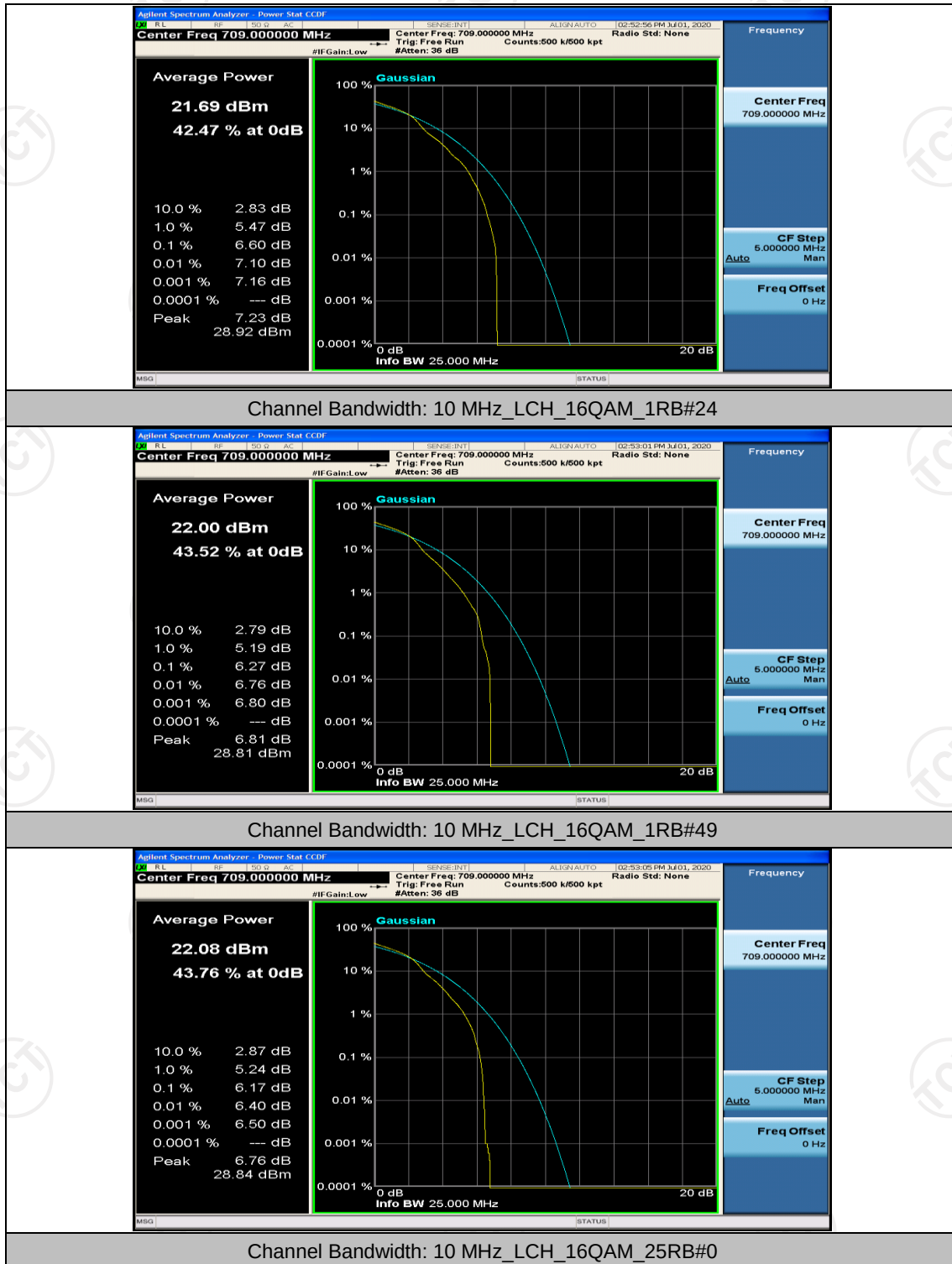
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

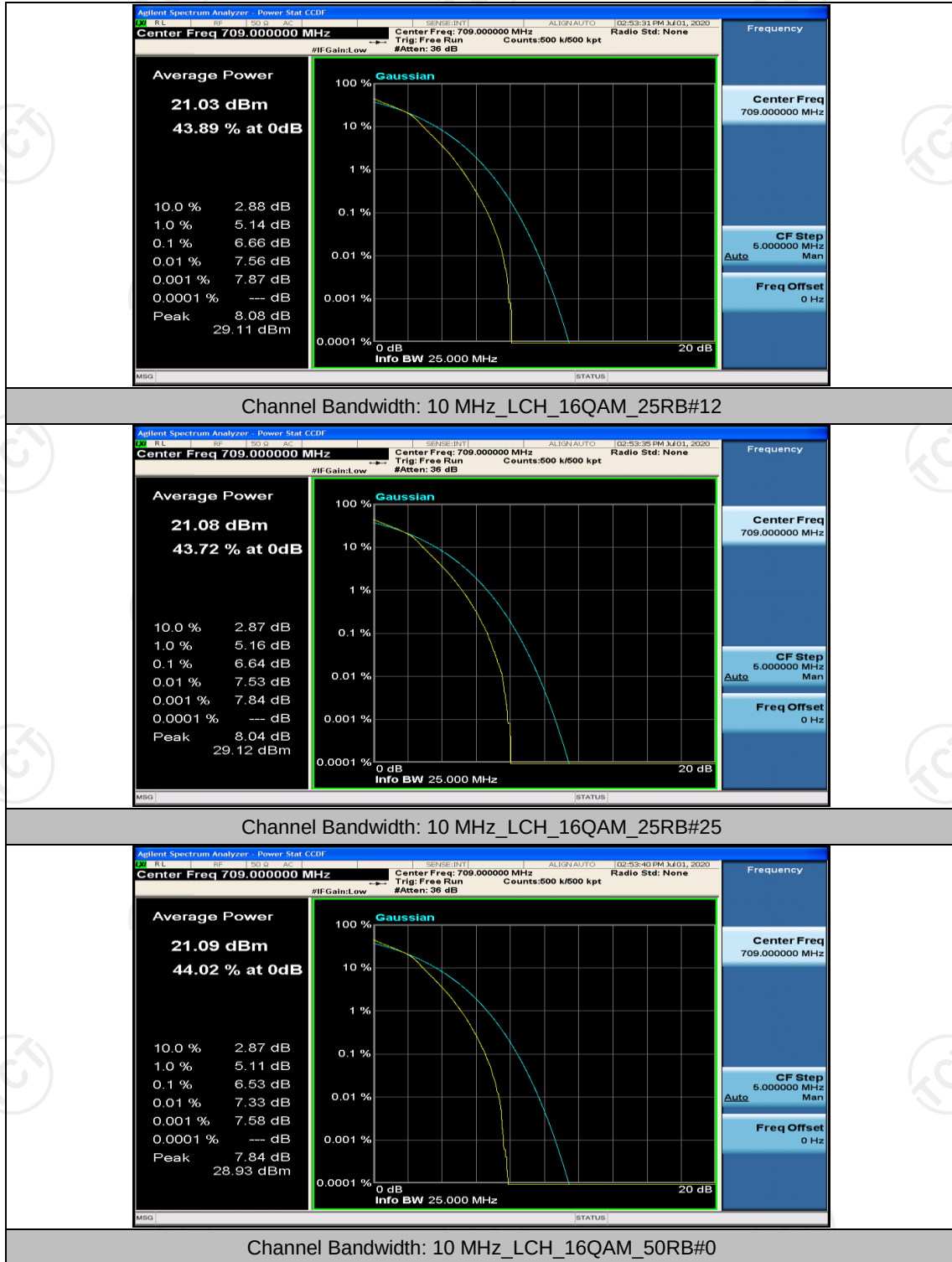


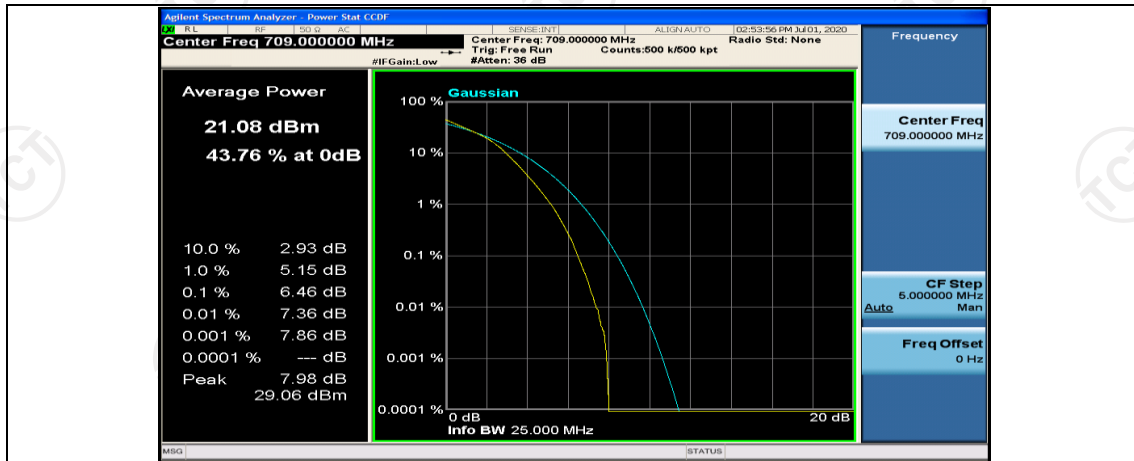
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



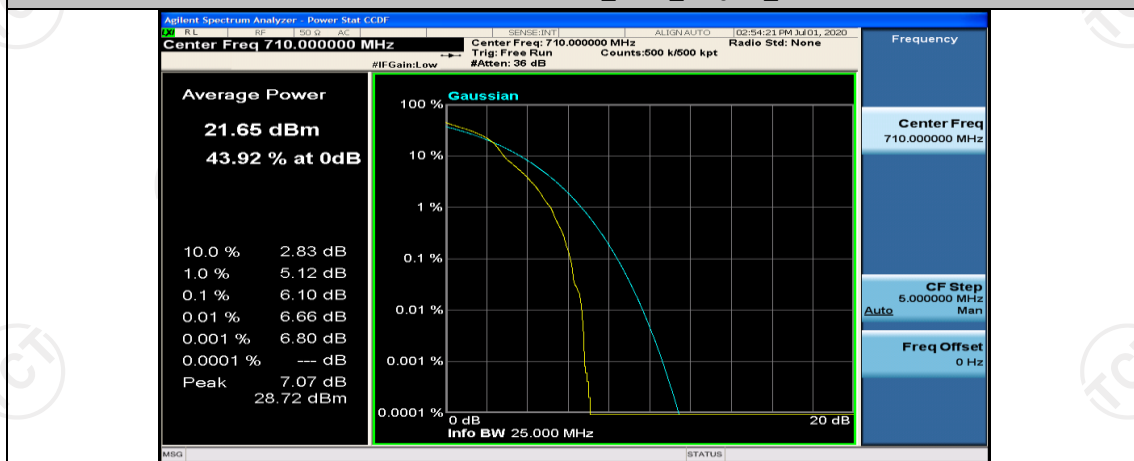




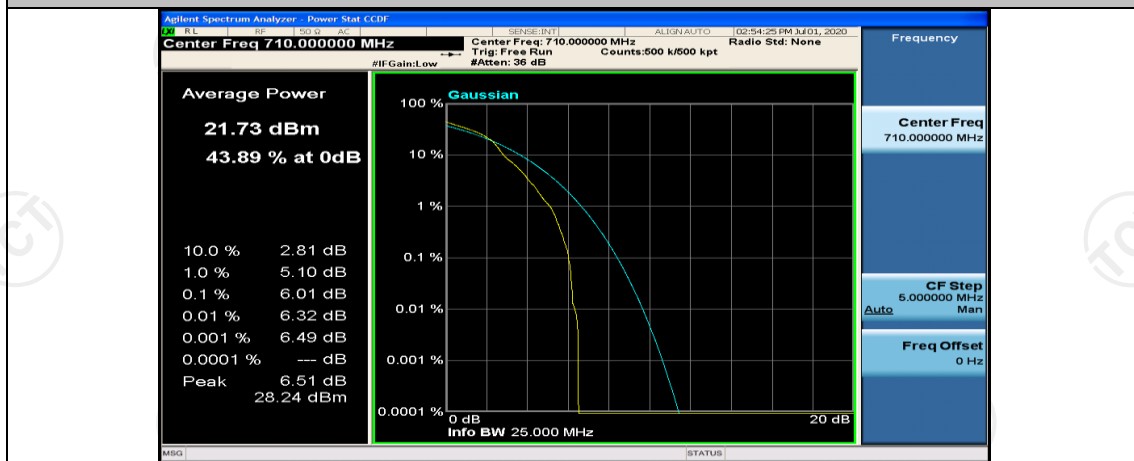




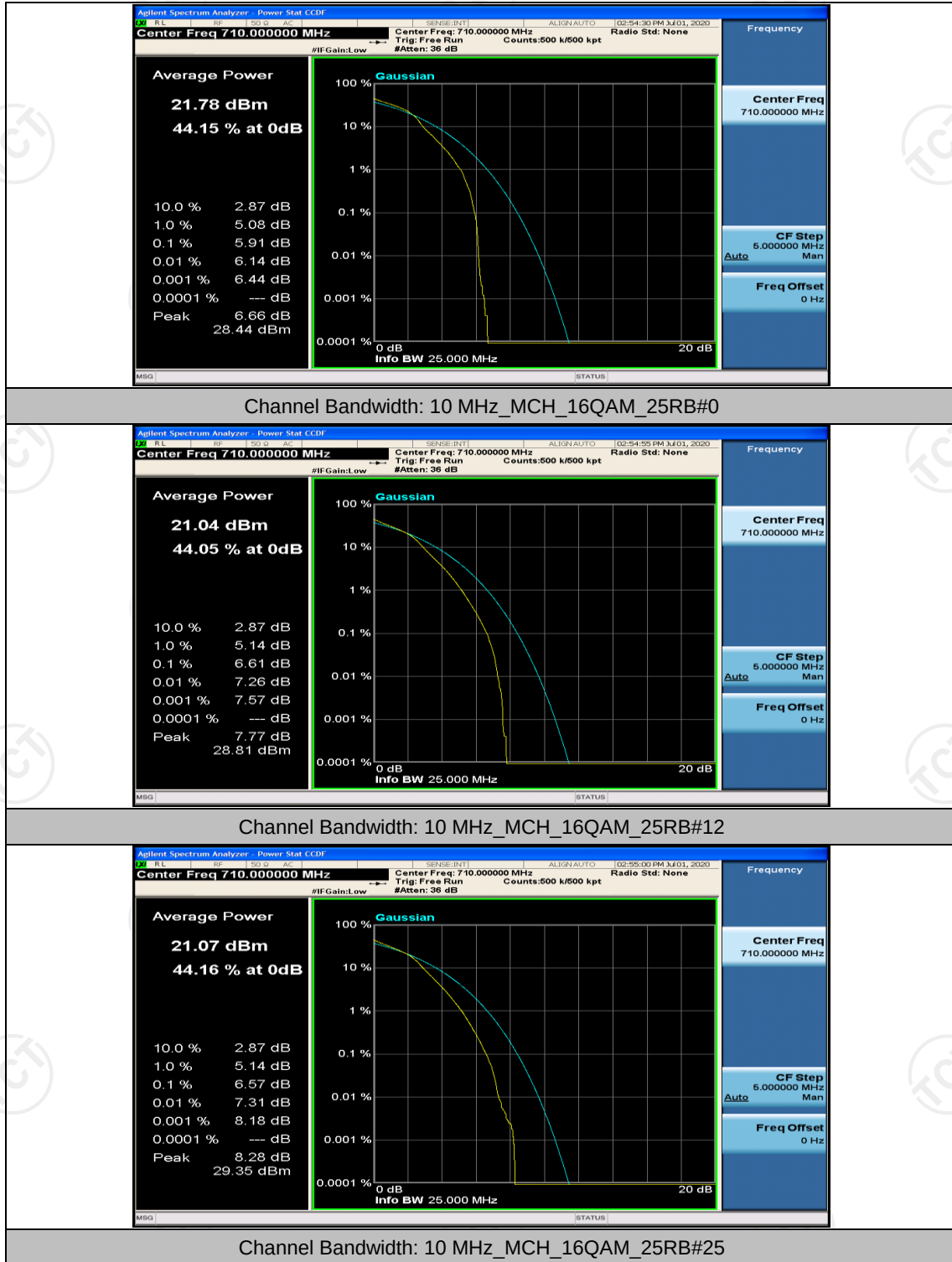
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

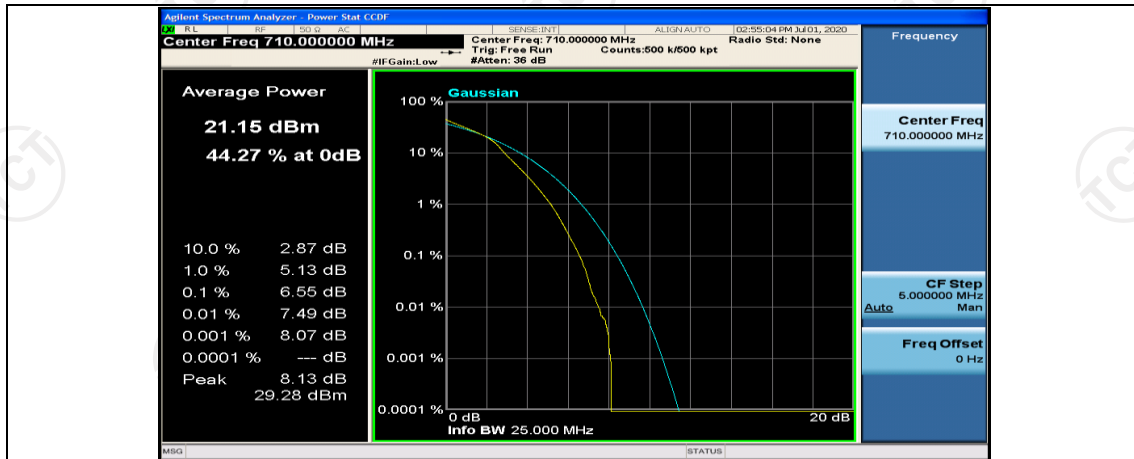


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

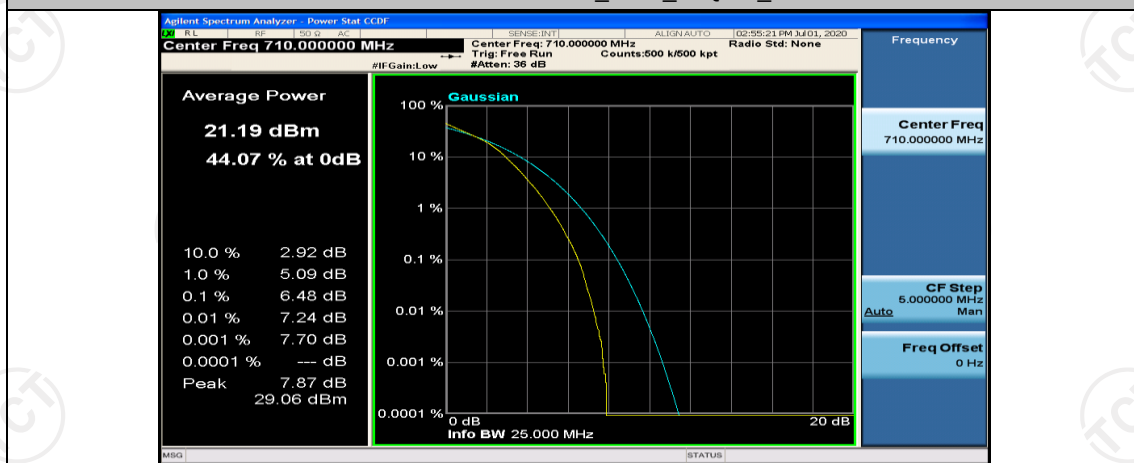


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

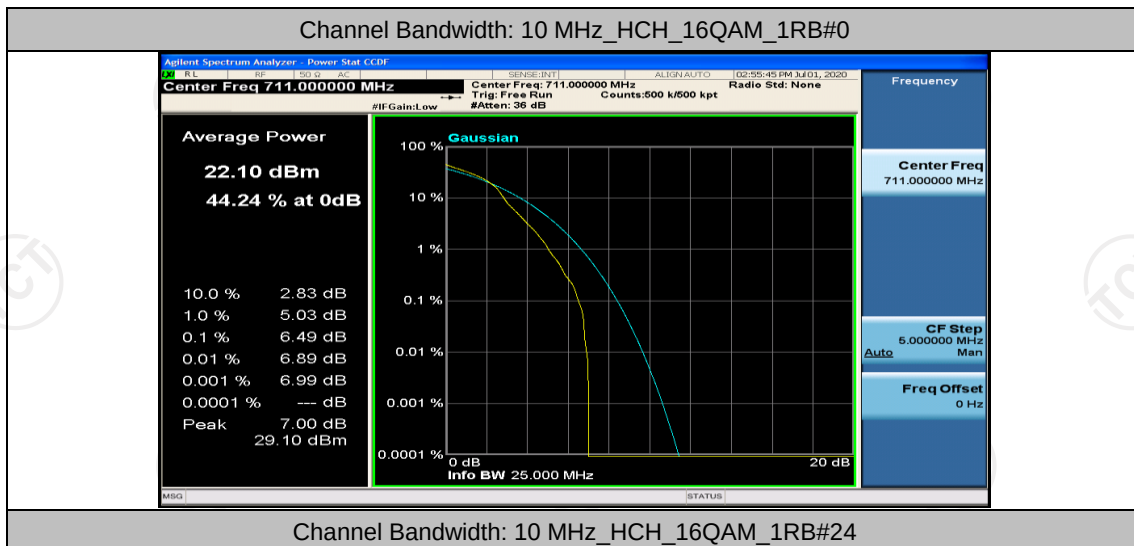




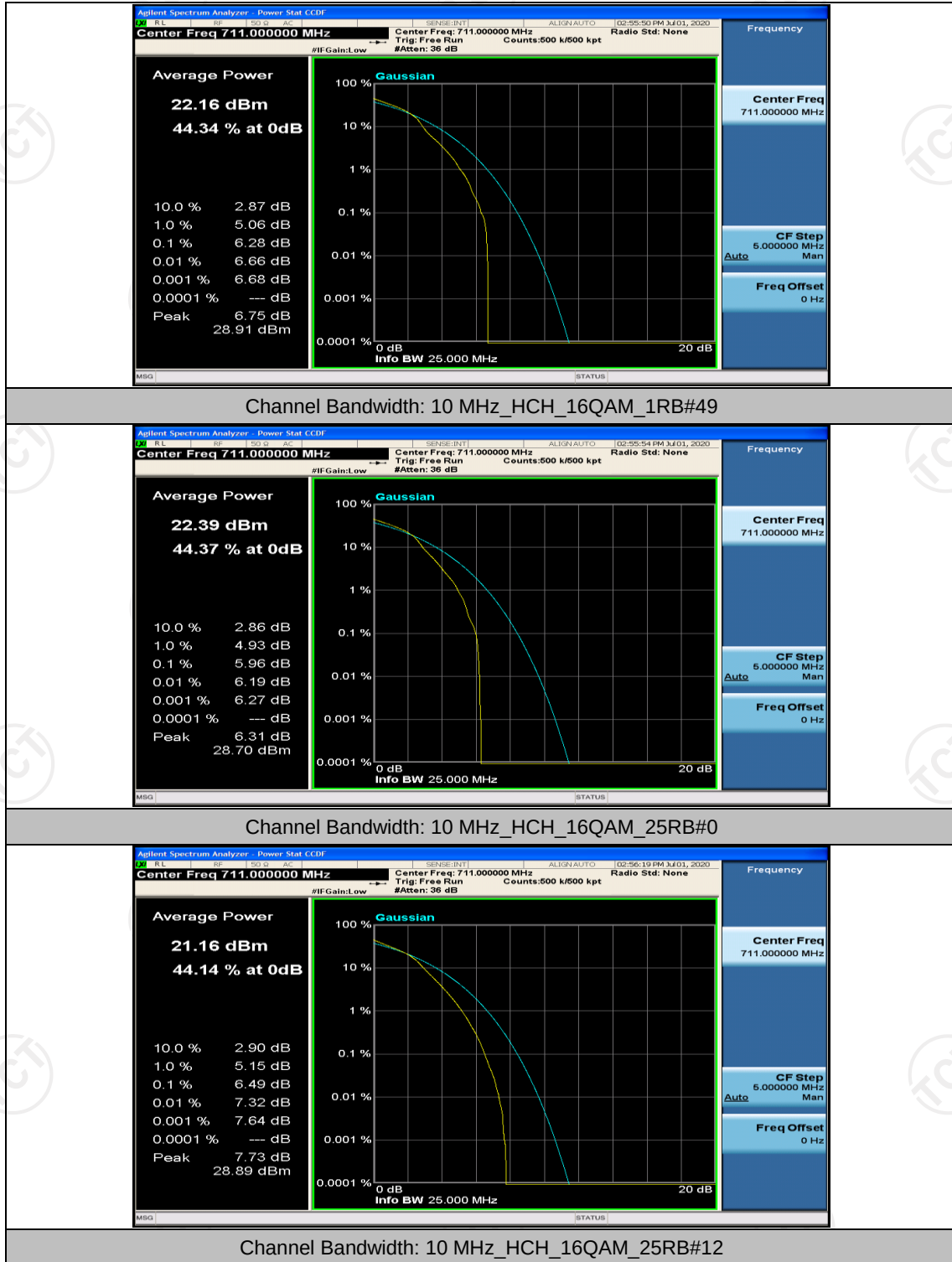
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

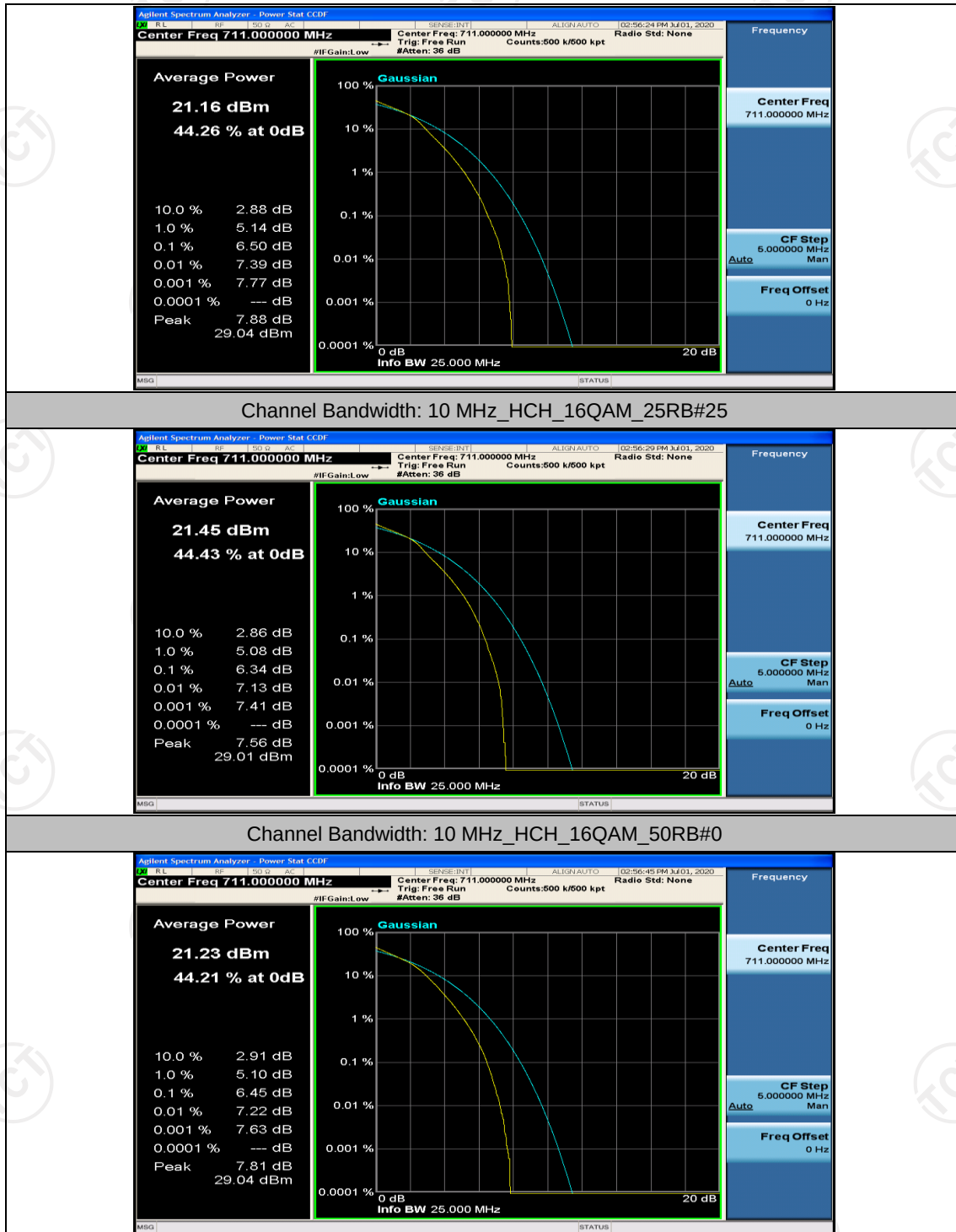


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



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	4.4719	4.840	PASS
	MCH	25	0	4.4716	4.902	PASS
	HCH	25	0	4.4753	4.856	PASS
16QAM	LCH	25	0	4.4731	4.837	PASS
	MCH	25	0	4.4730	4.898	PASS
	HCH	25	0	4.4686	4.815	PASS

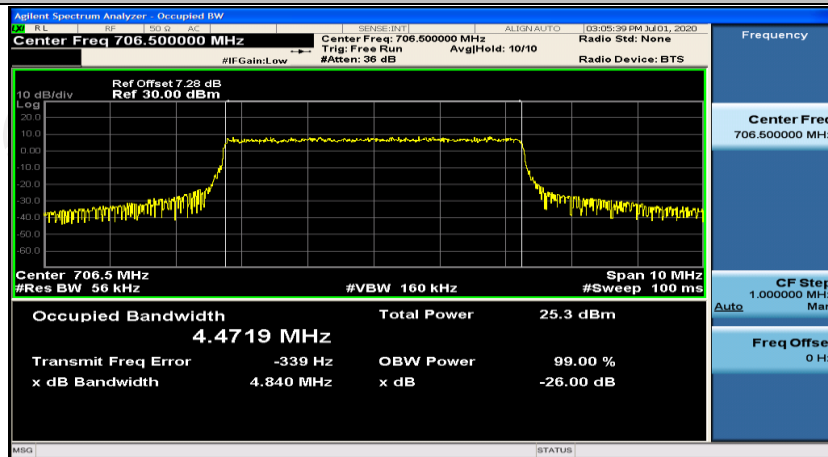
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9443	9.410	PASS
	MCH	50	0	8.9361	9.522	PASS
	HCH	50	0	8.9224	9.463	PASS
16QAM	LCH	50	0	8.9249	9.479	PASS
	MCH	50	0	8.9359	9.529	PASS
	HCH	50	0	8.9308	9.482	PASS

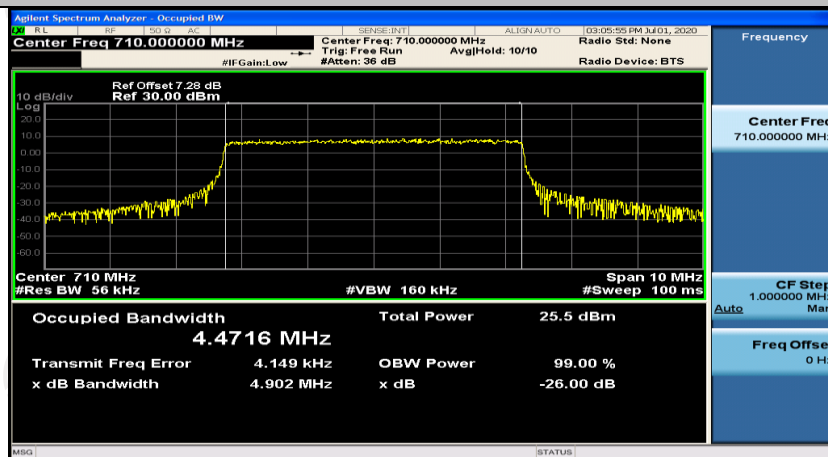
Test Graphs

Channel Bandwidth: 5 MHz

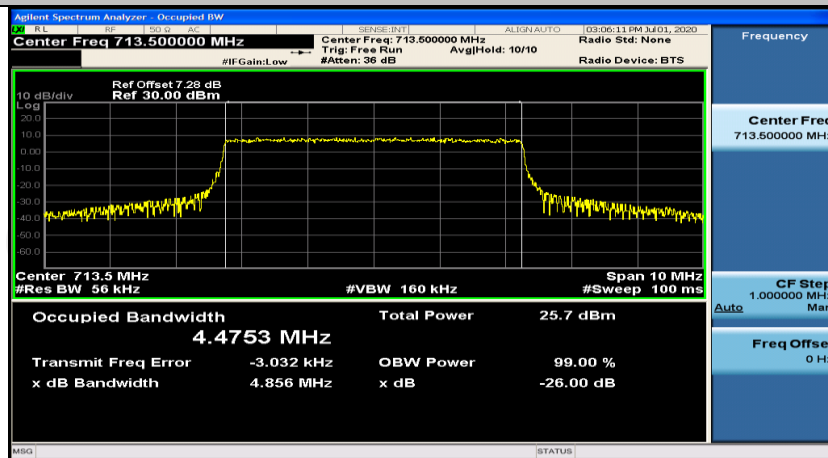
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



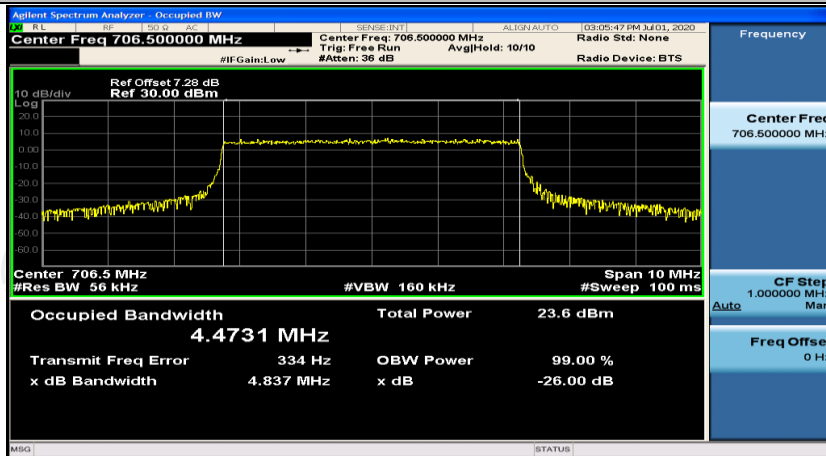
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



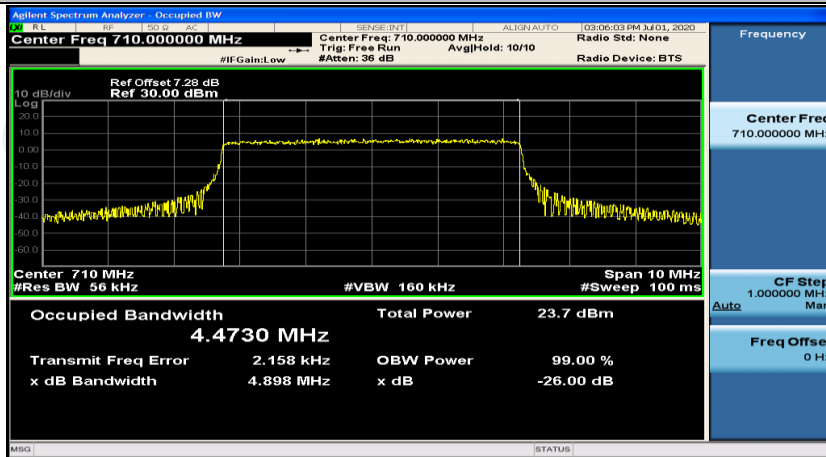
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



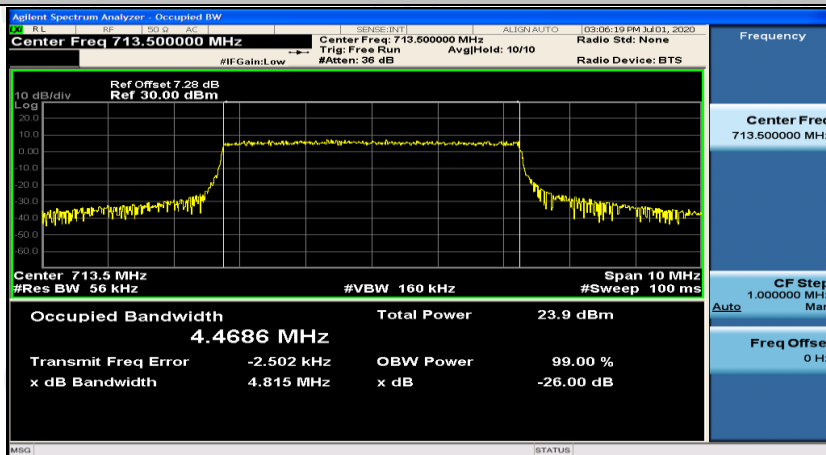
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

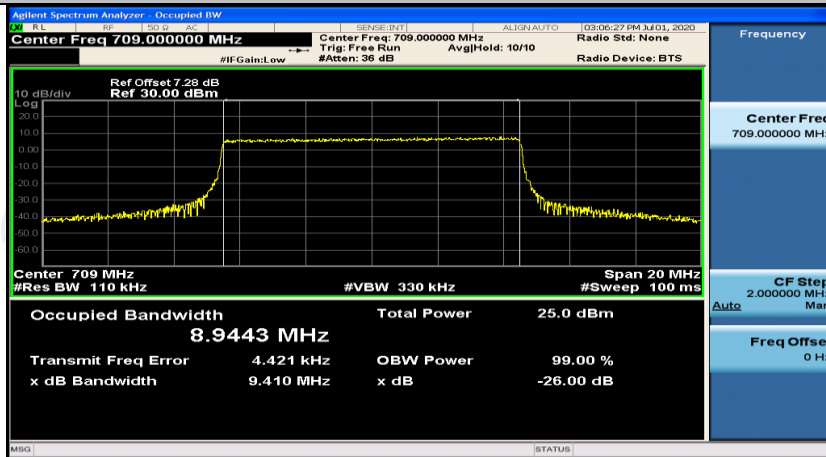


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

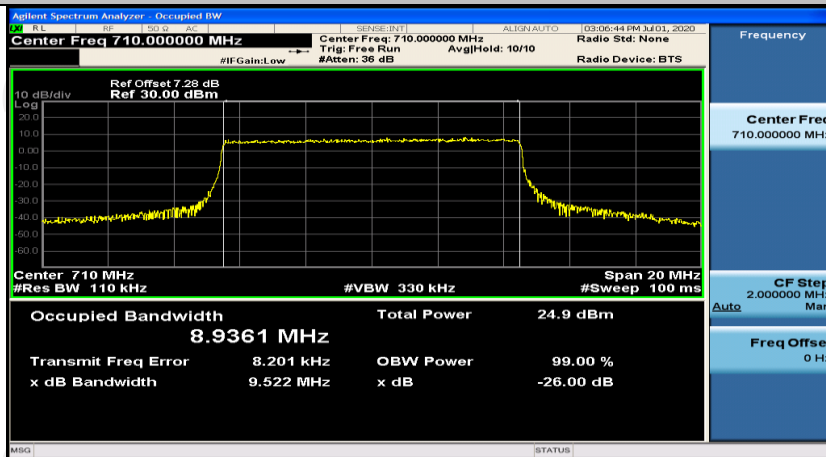


Channel Bandwidth: 10 MHz

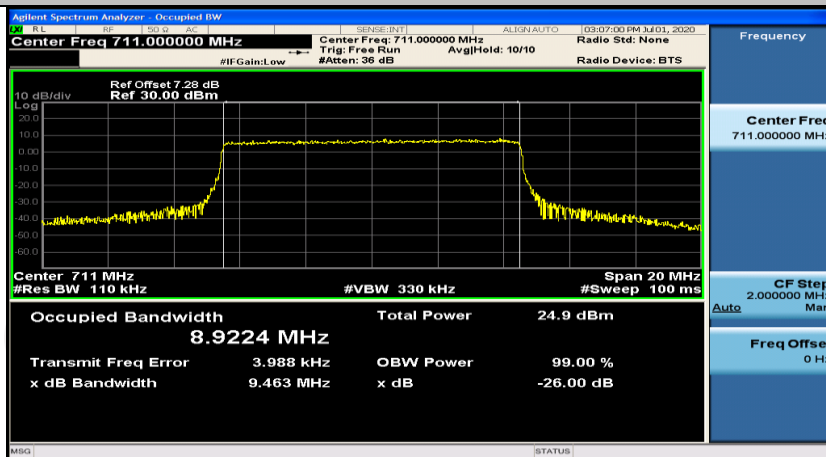
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



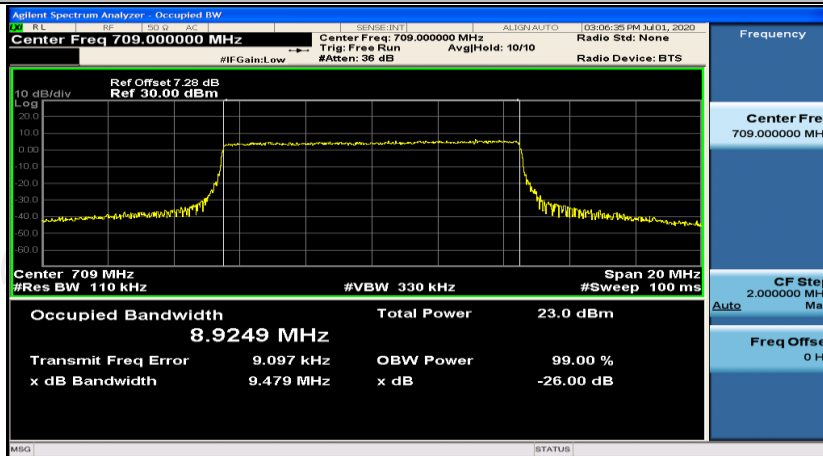
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



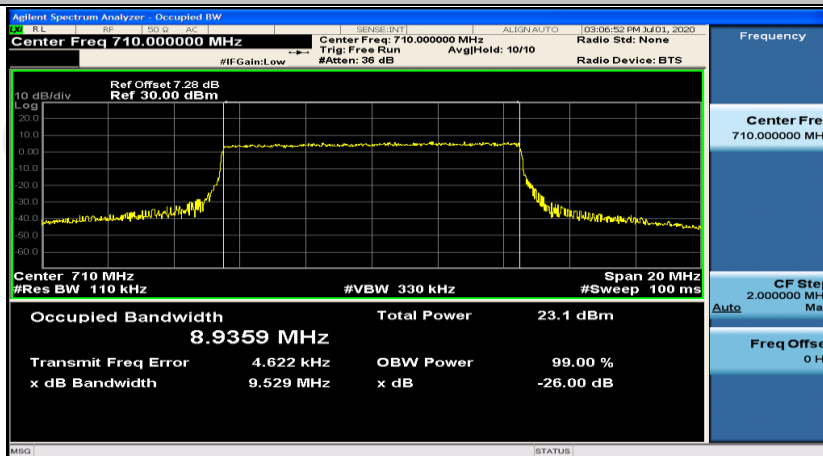
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

