

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		E.i.r.p [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.44	21.29	PASS
		1	12	23.51	21.36	PASS
		1	24	23.33	21.18	PASS
		12	0	22.36	20.21	PASS
		12	6	22.35	20.20	PASS
		12	13	22.47	20.32	PASS
		25	0	22.32	20.17	PASS
	MCH	1	0	23.10	20.95	PASS
		1	12	23.09	20.94	PASS
		1	24	23.21	21.06	PASS
		12	0	22.39	20.24	PASS
		12	6	22.39	20.24	PASS
		12	13	22.17	20.02	PASS
		25	0	22.33	20.18	PASS
	HCH	1	0	23.30	21.15	PASS
		1	12	23.14	20.99	PASS
		1	24	23.28	21.13	PASS
		12	0	22.34	20.19	PASS
		12	6	22.34	20.19	PASS
		12	13	22.34	20.19	PASS
		25	0	22.29	20.14	PASS
16QAM	LCH	1	0	22.36	20.21	PASS
		1	12	22.41	20.26	PASS
		1	24	21.55	19.40	PASS
		12	0	21.53	19.38	PASS
		12	6	21.53	19.38	PASS
		12	13	21.59	19.44	PASS
		25	0	21.40	19.25	PASS
	MCH	1	0	22.28	20.13	PASS
		1	12	22.10	19.95	PASS
		1	24	22.17	20.02	PASS
		12	0	21.25	19.10	PASS
		12	6	21.25	19.10	PASS

		12	13	21.10	18.95	PASS
		25	0	21.47	19.32	PASS
	HCH	1	0	22.06	19.91	PASS
		1	12	21.81	19.66	PASS
		1	24	22.03	19.88	PASS
		12	0	21.16	19.01	PASS
		12	6	21.16	19.01	PASS
		12	13	20.97	18.82	PASS
		25	0	21.41	19.26	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		E.i.r.p [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.40	21.25	PASS
		1	24	23.16	21.01	PASS
		1	49	23.21	21.06	PASS
		25	0	22.39	20.24	PASS
		25	12	22.39	20.24	PASS
		25	25	22.19	20.04	PASS
		50	0	22.37	20.22	PASS
	MCH	1	0	23.39	21.24	PASS
		1	24	23.12	20.97	PASS
		1	49	23.11	20.96	PASS
		25	0	22.38	20.23	PASS
		25	12	22.37	20.22	PASS
		25	25	22.18	20.03	PASS
		50	0	22.36	20.21	PASS
	HCH	1	0	23.27	21.12	PASS
		1	24	23.13	20.98	PASS
		1	49	23.10	20.95	PASS
		25	0	22.37	20.22	PASS
		25	12	22.37	20.22	PASS
		25	25	22.26	20.11	PASS
		50	0	22.36	20.21	PASS
16QAM	LCH	1	0	22.12	19.97	PASS
		1	24	22.30	20.15	PASS
		1	49	22.06	19.91	PASS
		25	0	21.48	19.33	PASS
		25	12	21.44	19.29	PASS
		25	25	21.20	19.05	PASS

	MCH	50	0	21.33	19.18	PASS
		1	0	22.30	20.15	PASS
		1	24	22.36	20.21	PASS
		1	49	22.08	19.93	PASS
		25	0	21.47	19.32	PASS
		25	12	21.47	19.32	PASS
		25	25	21.27	19.12	PASS
		50	0	21.23	19.08	PASS
	HCH	1	0	22.93	20.78	PASS
		1	24	22.67	20.52	PASS
		1	49	22.17	20.02	PASS
		25	0	21.36	19.21	PASS
		25	12	21.36	19.21	PASS
		25	25	21.25	19.10	PASS
		50	0	21.33	19.18	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	4.58	<13	PASS
		1	12	3.99	<13	PASS
		1	24	3.58	<13	PASS
		12	0	4.86	<13	PASS
		12	6	4.85	<13	PASS
		12	13	4.36	<13	PASS
		25	0	4.82	<13	PASS
	MCH	1	0	4.04	<13	PASS
		1	12	3.45	<13	PASS
		1	24	3.69	<13	PASS
		12	0	4.35	<13	PASS
		12	6	4.35	<13	PASS
		12	13	4.16	<13	PASS
		25	0	4.47	<13	PASS
	HCH	1	0	3.58	<13	PASS
		1	12	8.4	<13	PASS
		1	24	4.13	<13	PASS
		12	0	4.15	<13	PASS
		12	6	4.16	<13	PASS
		12	13	4.49	<13	PASS
		25	0	4.55	<13	PASS
16QAM	LCH	1	0	5.43	<13	PASS
		1	12	5.06	<13	PASS
		1	24	4.67	<13	PASS
		12	0	5.73	<13	PASS
		12	6	5.76	<13	PASS
		12	13	5.28	<13	PASS
		25	0	8.38	<13	PASS
	MCH	1	0	5.1	<13	PASS
		1	12	4.54	<13	PASS
		1	24	4.83	<13	PASS

		12	0	5.29	<13	PASS
		12	6	5.29	<13	PASS
		12	13	5	<13	PASS
		25	0	5.27	<13	PASS
	HCH	1	0	4.49	<13	PASS
		1	12	4.74	<13	PASS
		1	24	5.02	<13	PASS
		12	0	5.04	<13	PASS
		12	6	5.04	<13	PASS
		12	13	5.42	<13	PASS
		25	0	5.38	<13	PASS

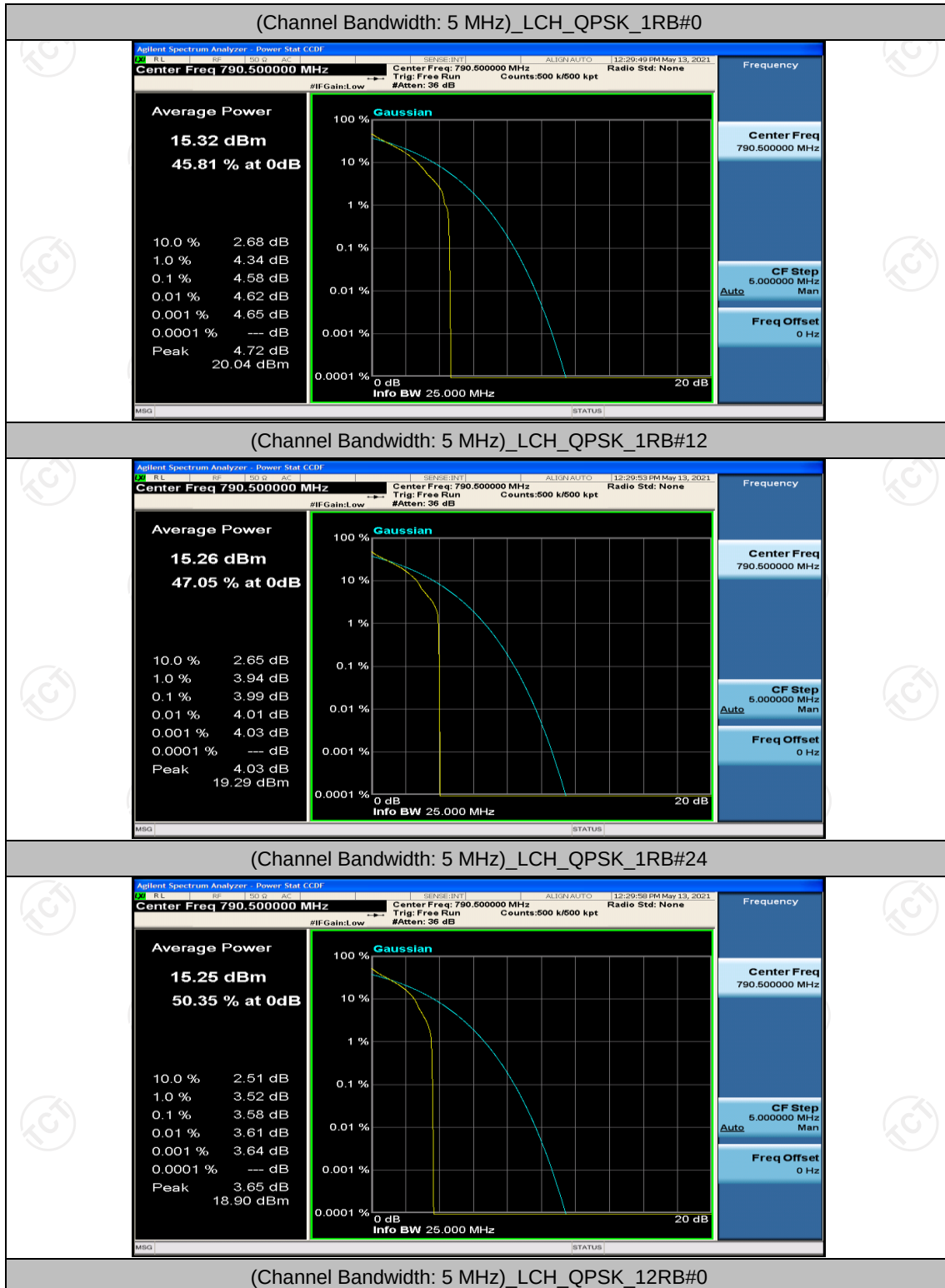
Channel Bandwidth: 10 MHz

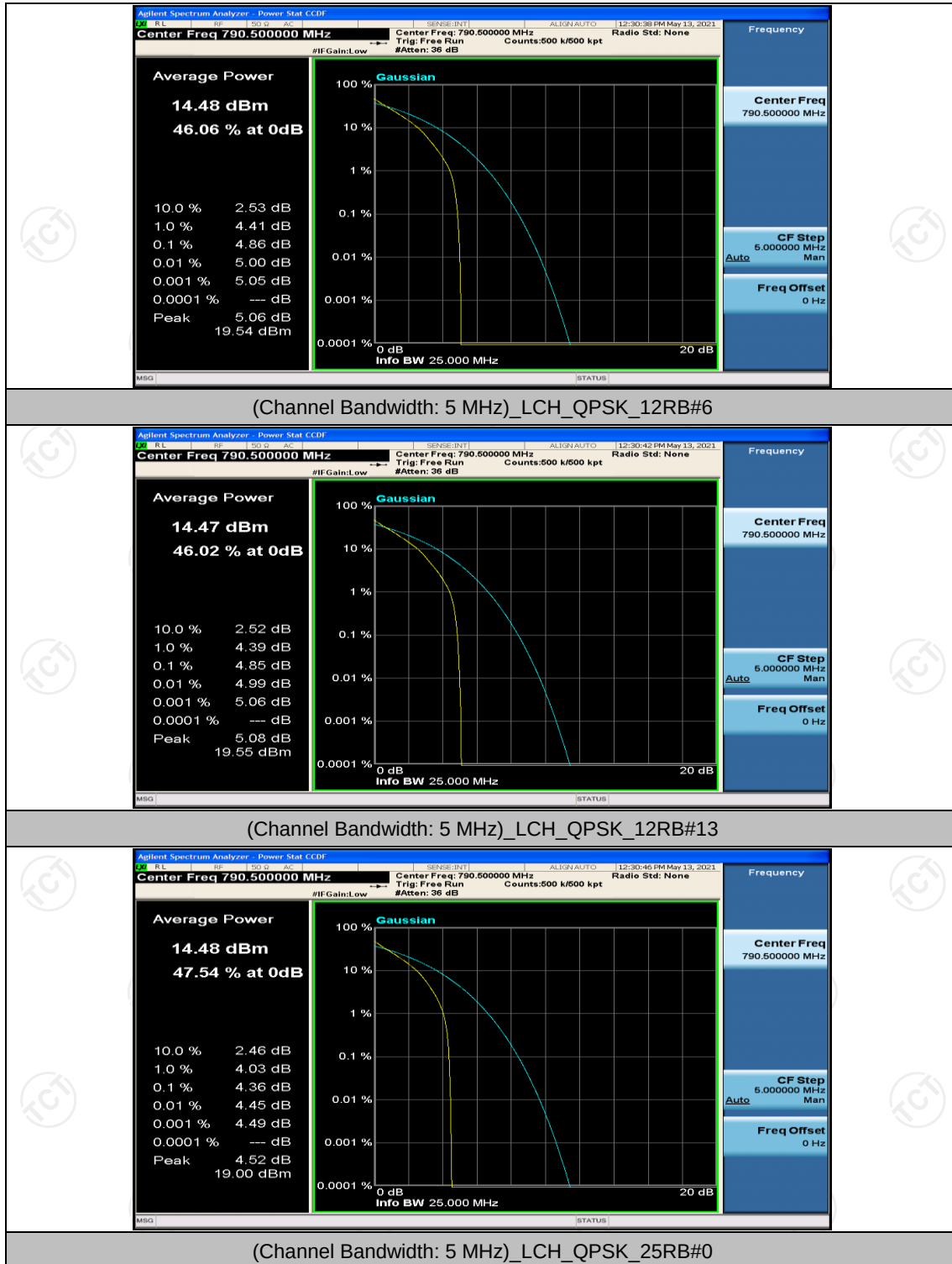
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.34	<13	PASS
		1	24	3.55	<13	PASS
		1	49	4.22	<13	PASS
		25	0	4.6	<13	PASS
		25	12	4.59	<13	PASS
		25	25	4.28	<13	PASS
		50	0	4.77	<13	PASS
		50	0	4.77	<13	PASS
	MCH	1	0	4.39	<13	PASS
		1	24	3.34	<13	PASS
		1	49	4.26	<13	PASS
		25	0	4.6	<13	PASS
		25	12	4.6	<13	PASS
		25	25	4.28	<13	PASS
		50	0	8.39	<13	PASS
		50	0	8.39	<13	PASS
	HCH	1	0	4.36	<13	PASS
		1	24	3.47	<13	PASS
		1	49	4.22	<13	PASS
		25	0	4.6	<13	PASS
		25	12	4.61	<13	PASS
		25	25	4.25	<13	PASS
		50	0	4.78	<13	PASS
		50	0	4.78	<13	PASS
16QAM	LCH	1	0	5.35	<13	PASS
		1	24	4.38	<13	PASS
		1	49	5.14	<13	PASS
		25	0	5.48	<13	PASS

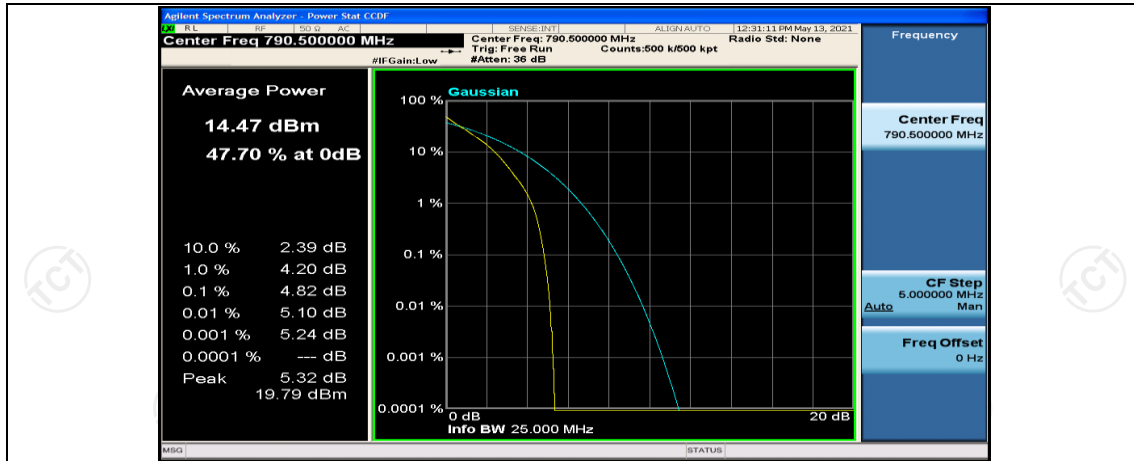
		25	12	5.53	<13	PASS
		25	25	8.36	<13	PASS
		50	0	5.6	<13	PASS
	MCH	1	0	5.24	<13	PASS
		1	24	4.07	<13	PASS
		1	49	5.07	<13	PASS
		25	0	5.52	<13	PASS
		25	12	5.51	<13	PASS
		25	25	5.15	<13	PASS
		50	0	5.64	<13	PASS
	HCH	1	0	5.39	<13	PASS
		1	24	4.5	<13	PASS
		1	49	4.99	<13	PASS
		25	0	5.48	<13	PASS
		25	12	5.5	<13	PASS
		25	25	5.12	<13	PASS
		50	0	8.42	<13	PASS

Test Graphs

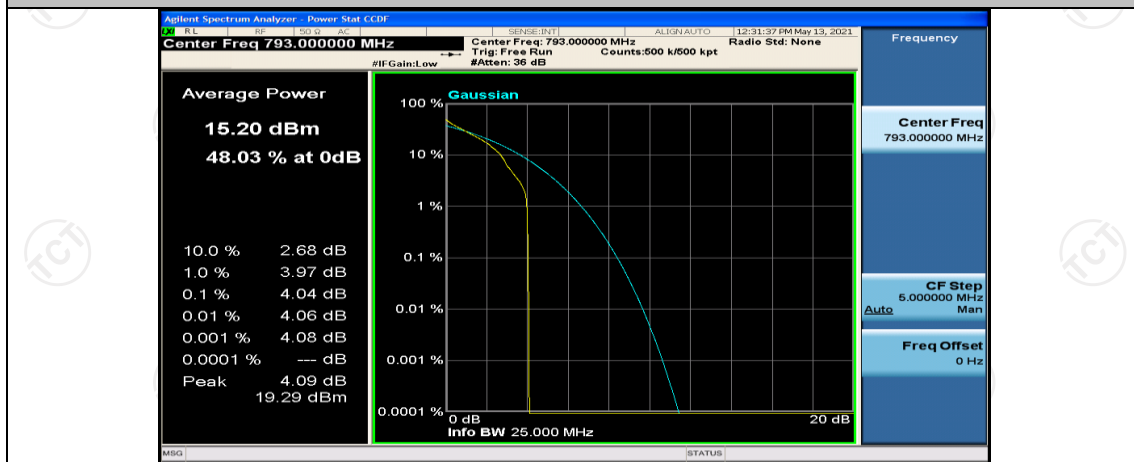
Channel Bandwidth: 5 MHz



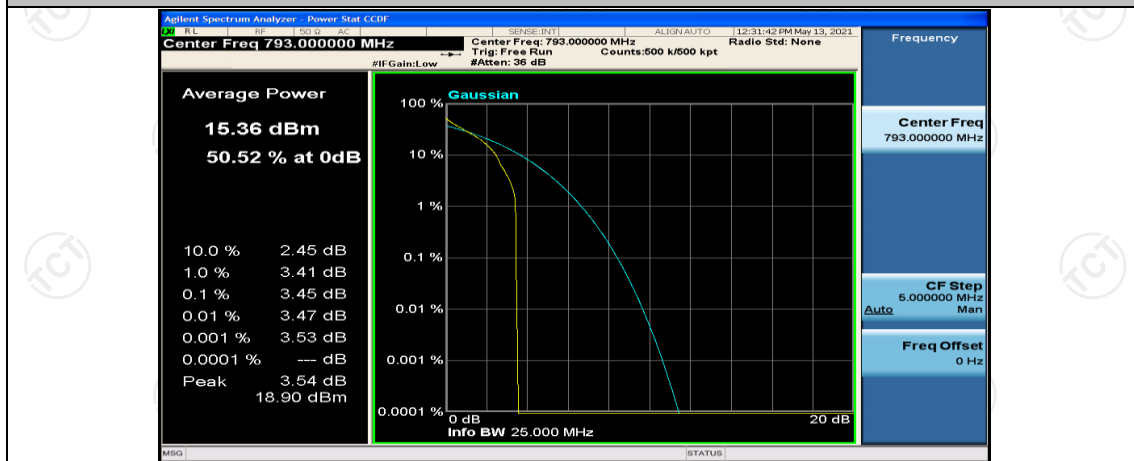




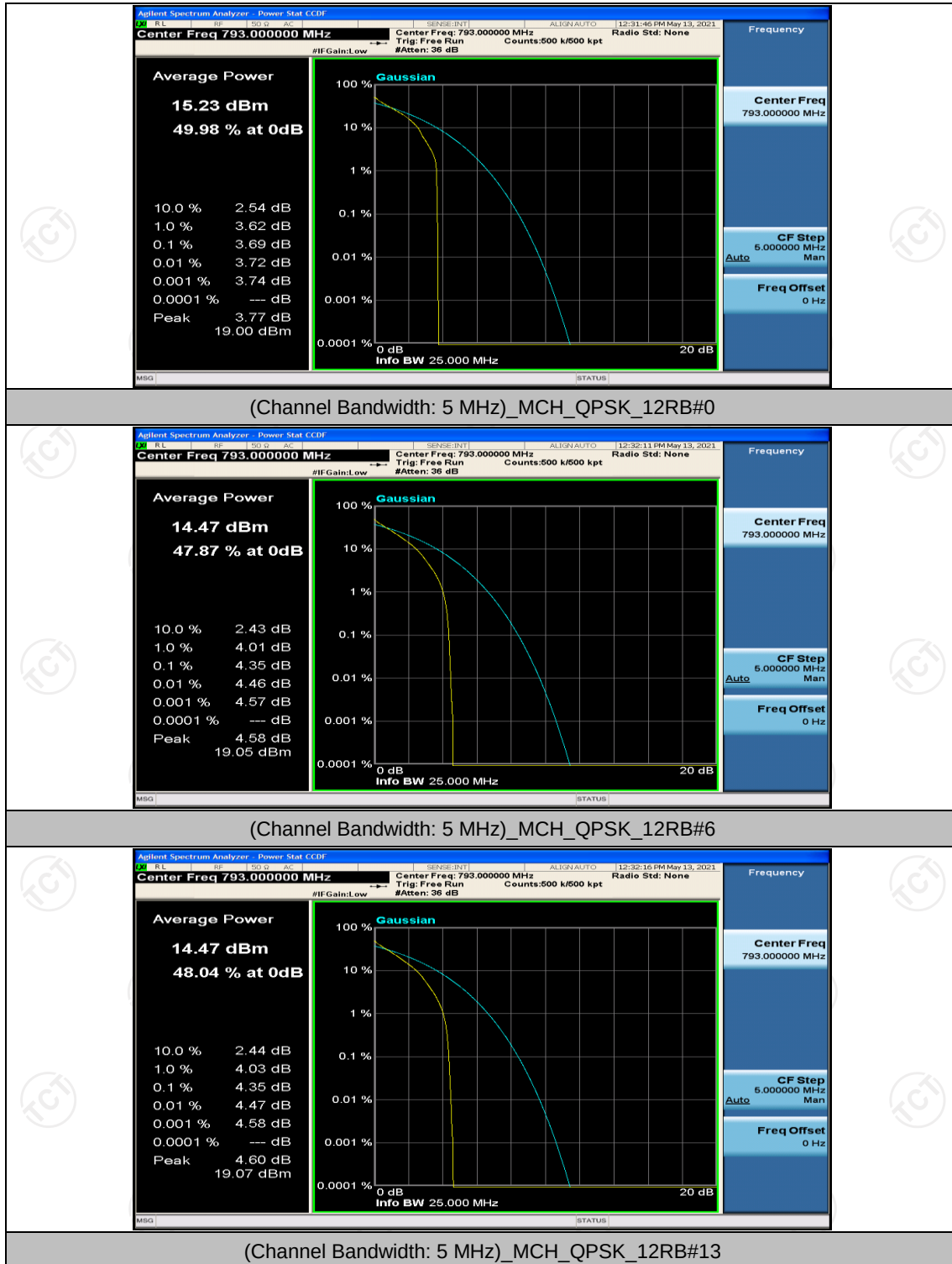
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

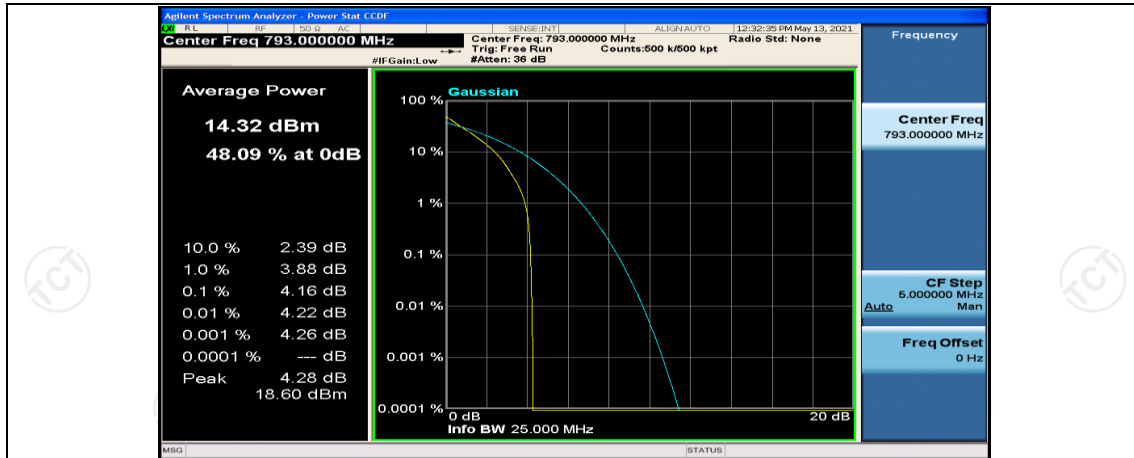


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

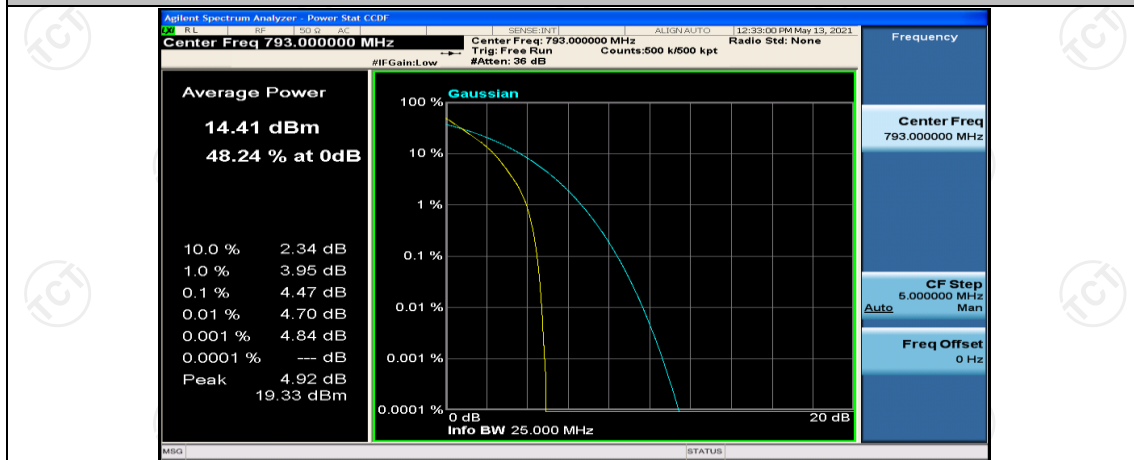


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

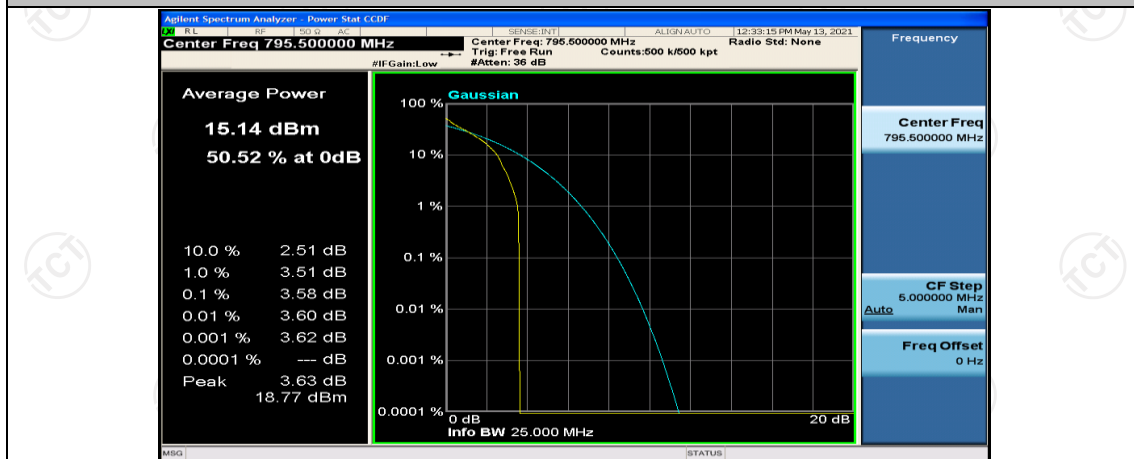




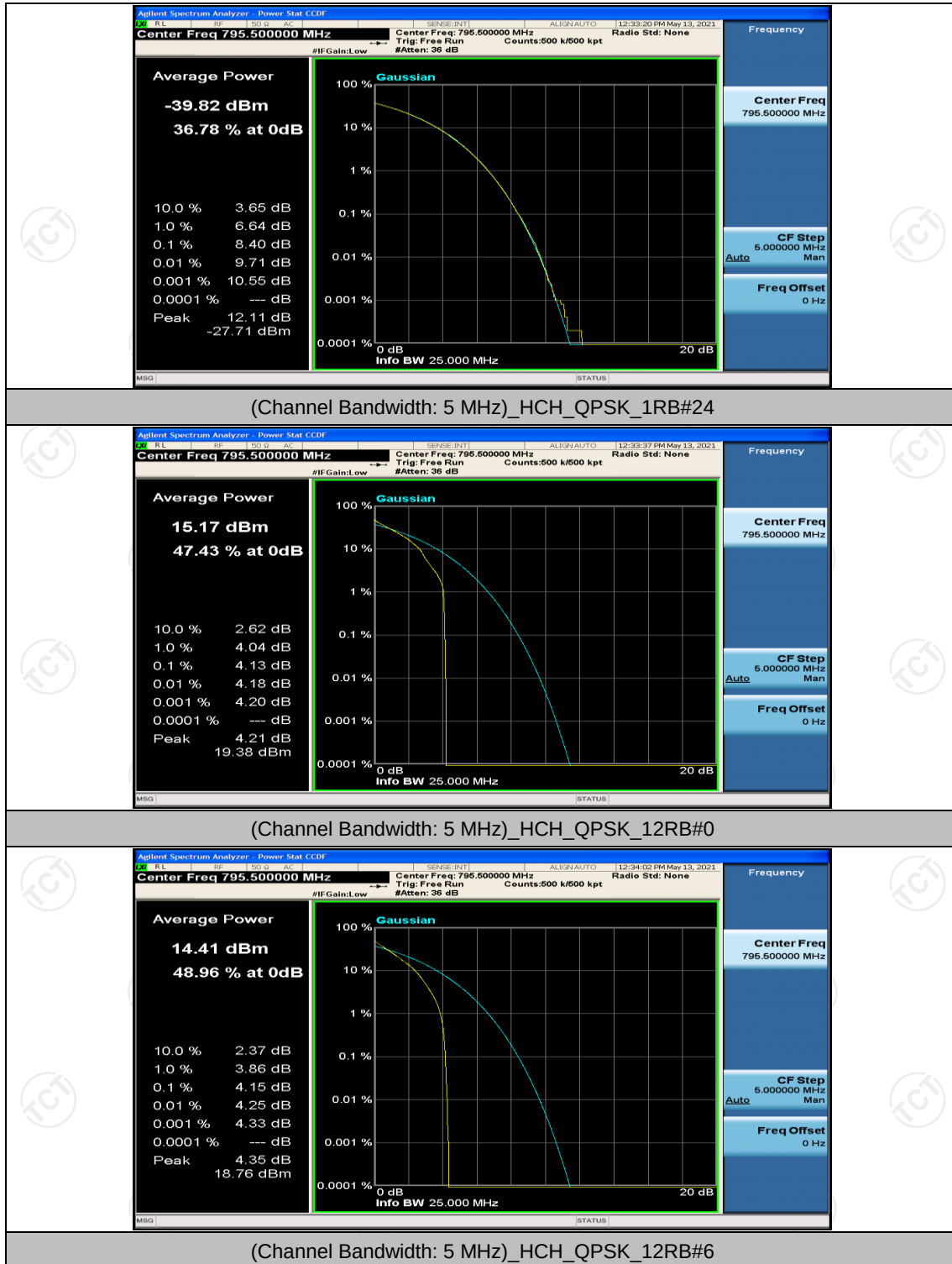
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0

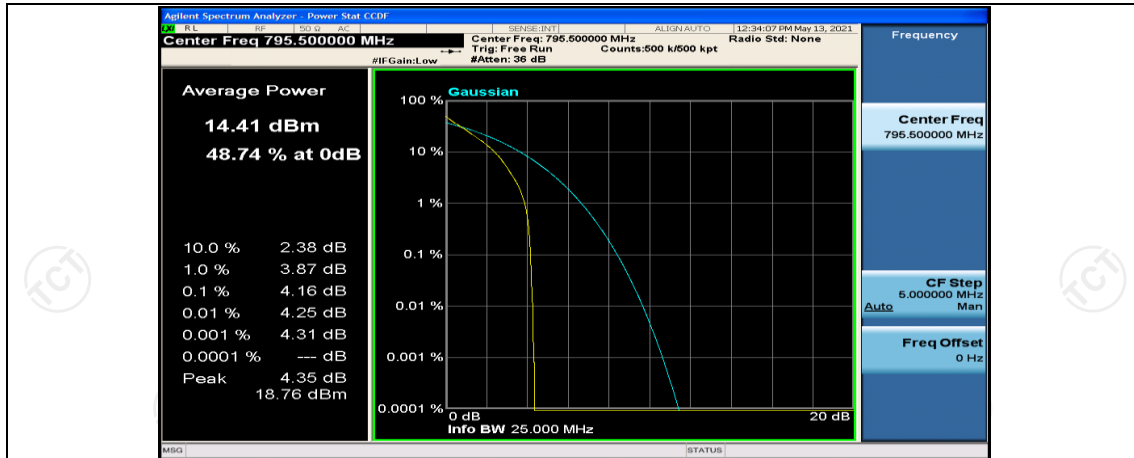


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

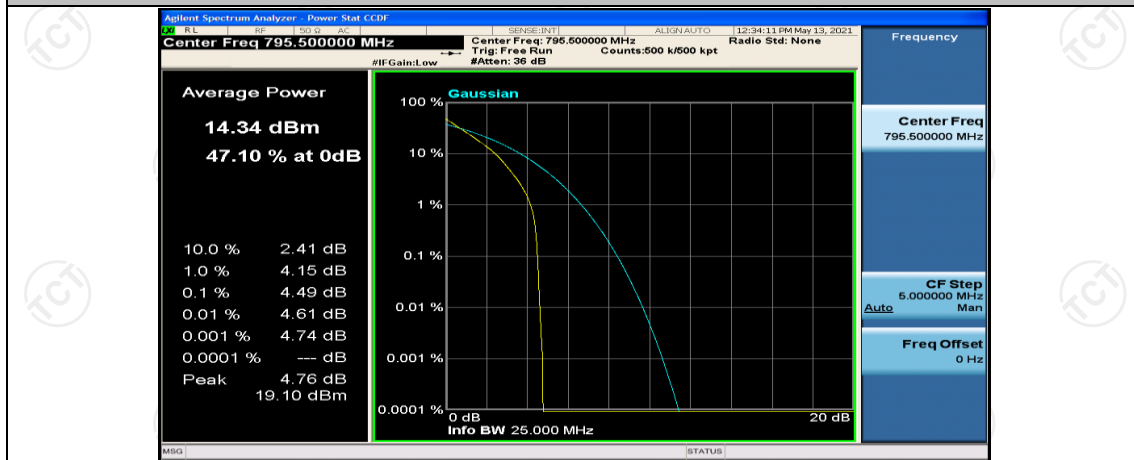


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

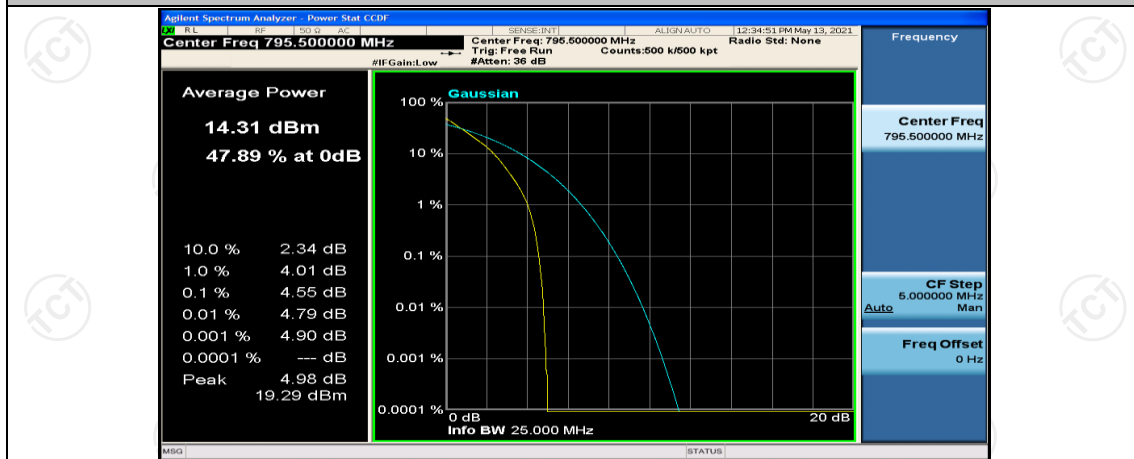




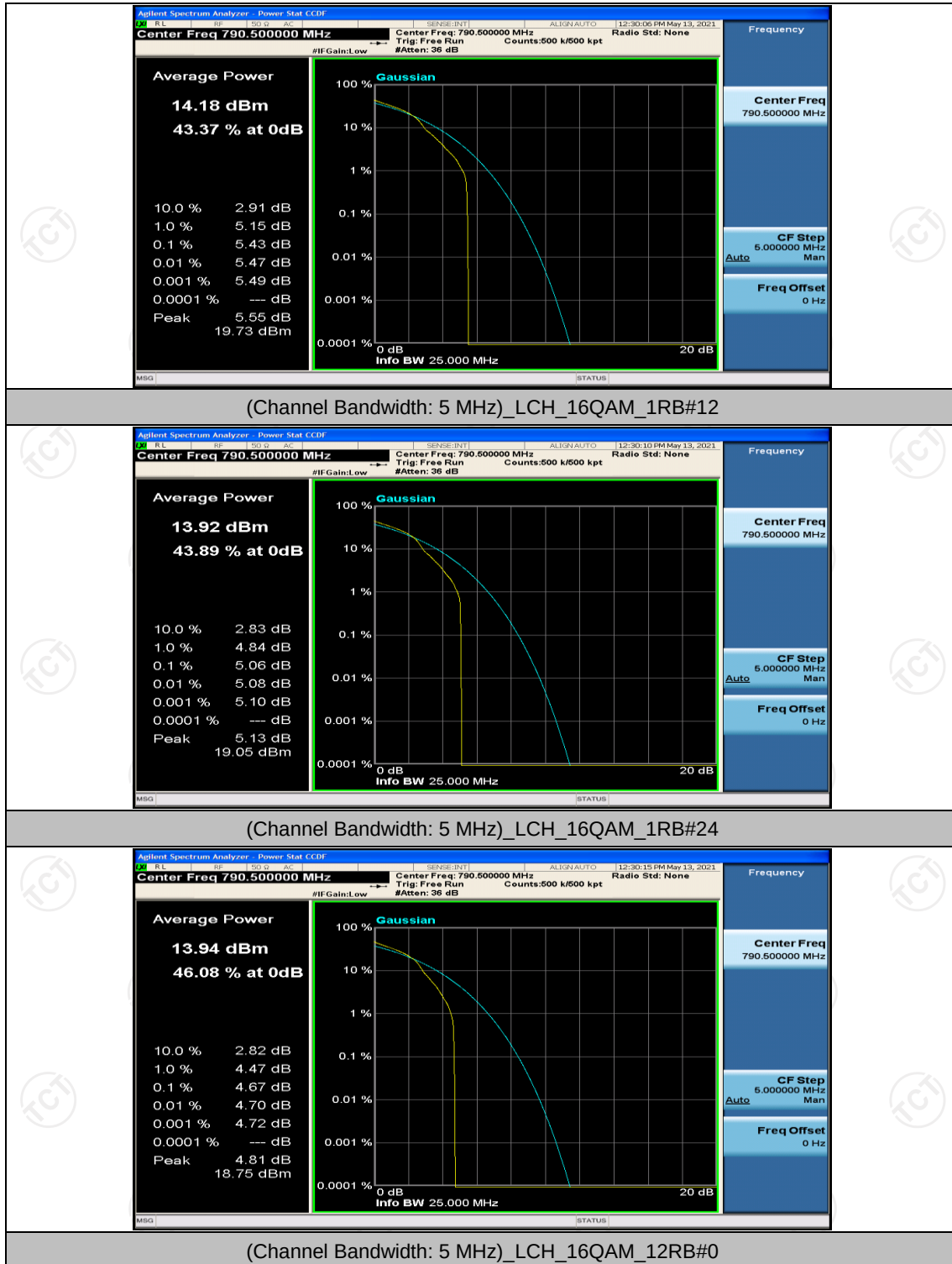
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13

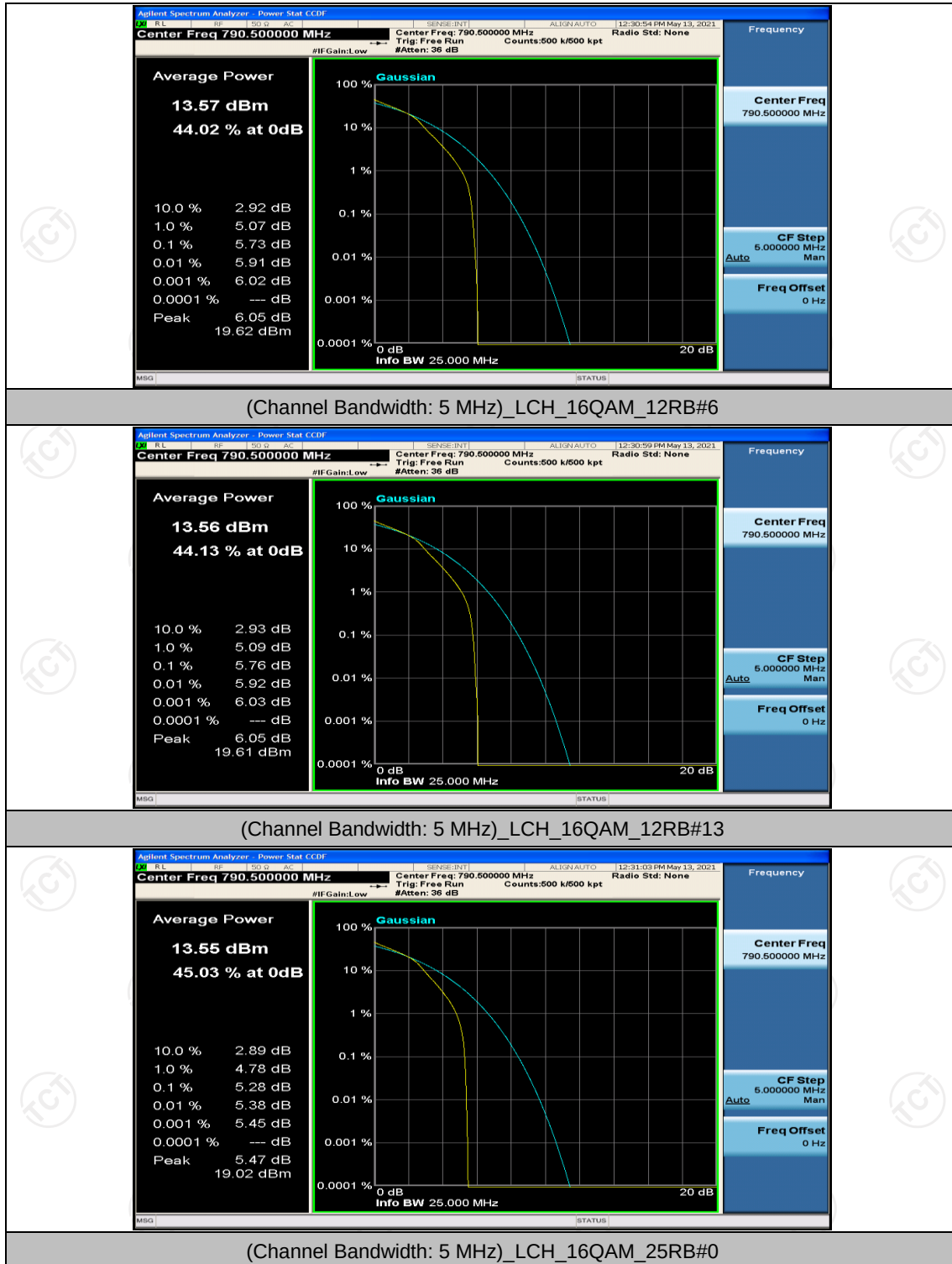


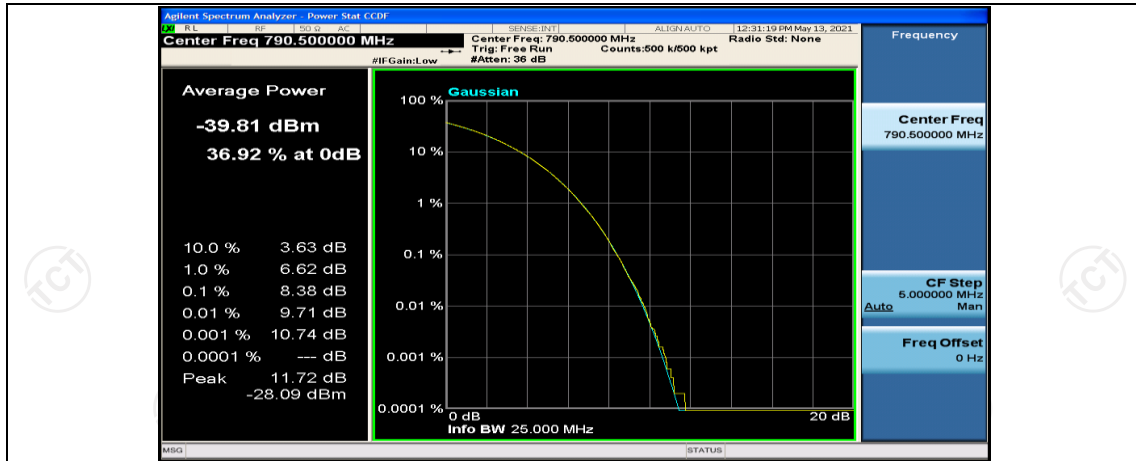
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



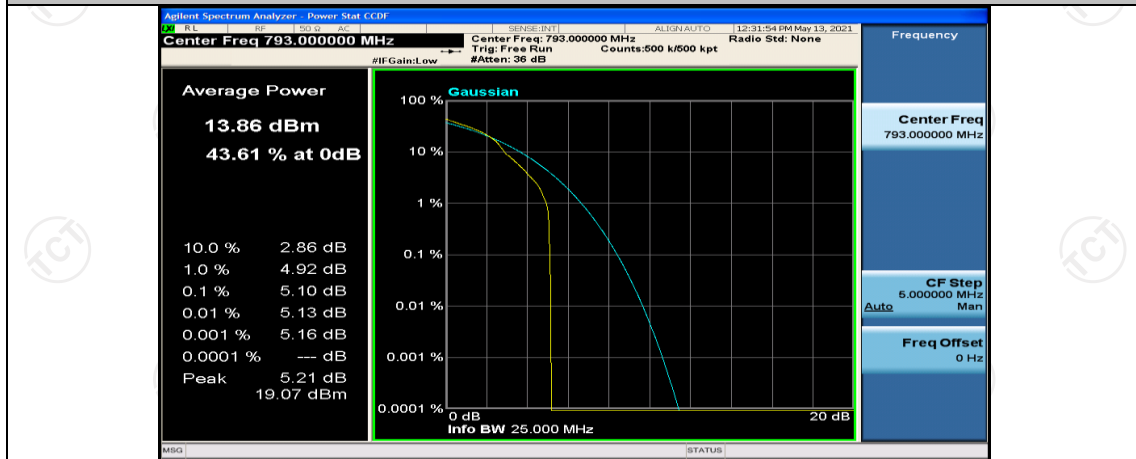
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



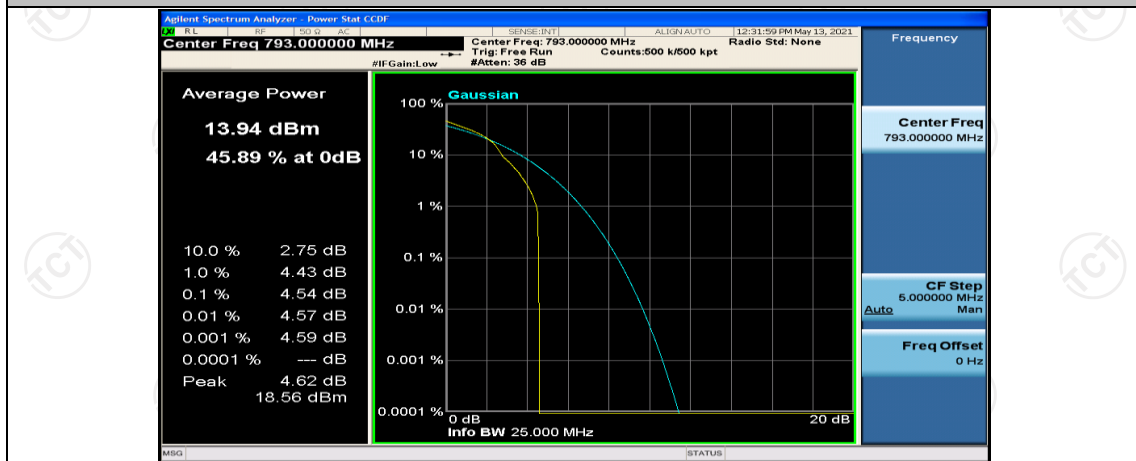




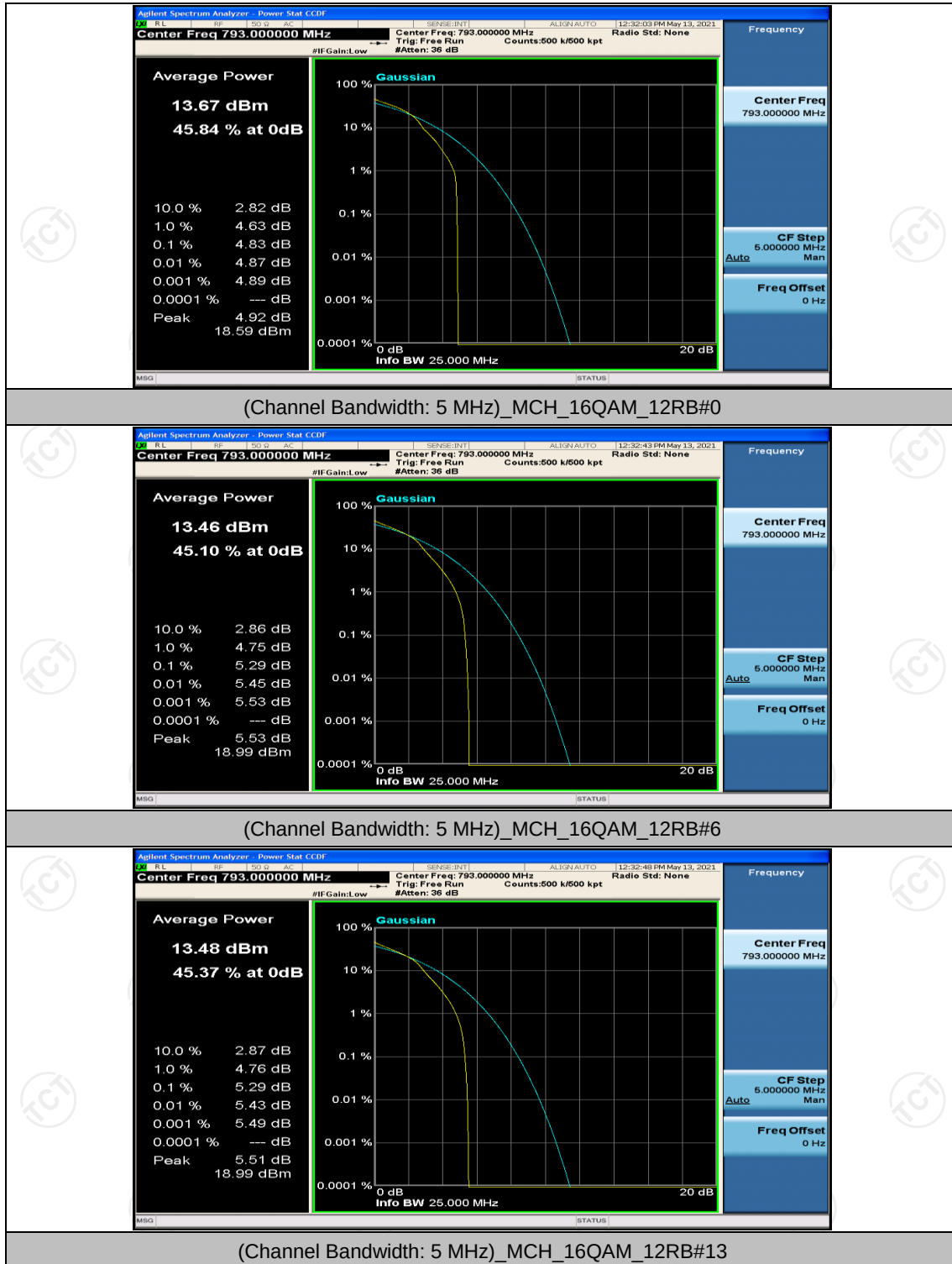
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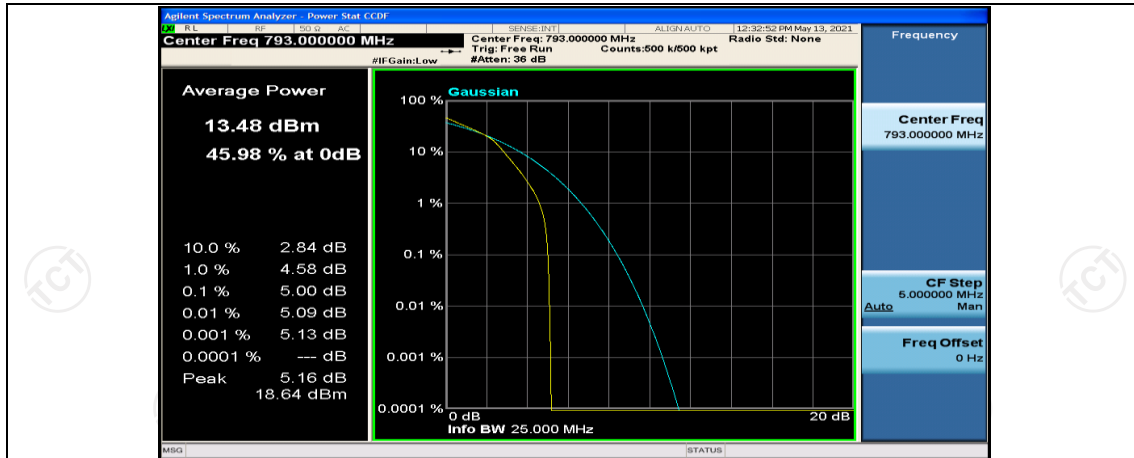


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

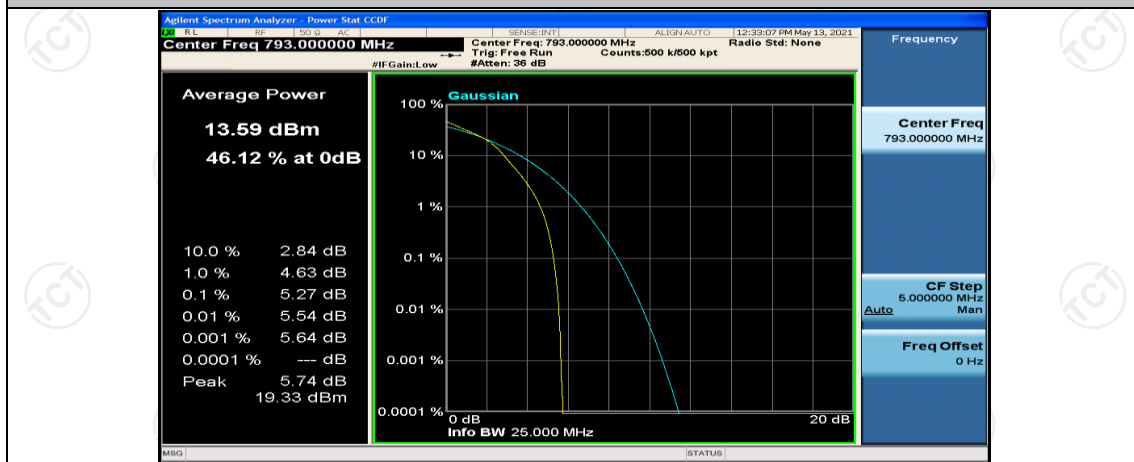


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

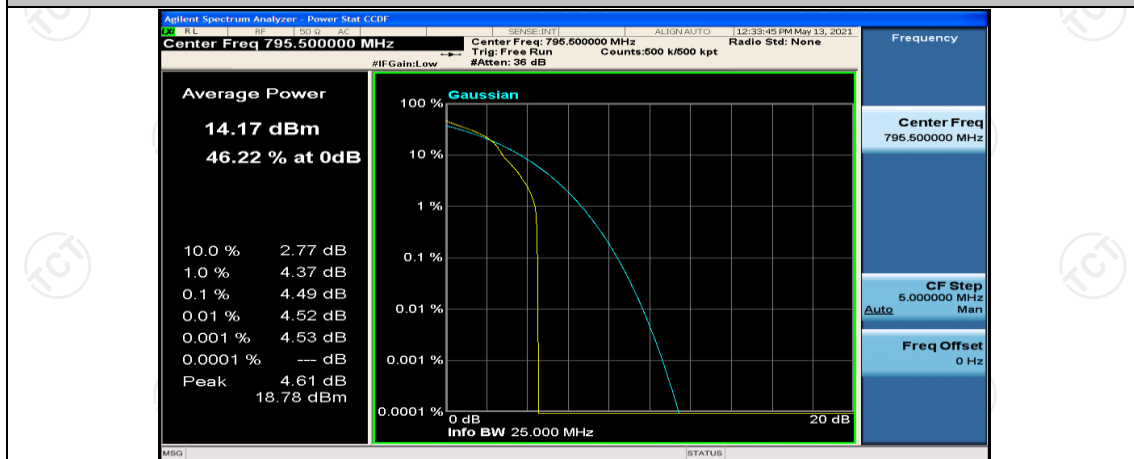




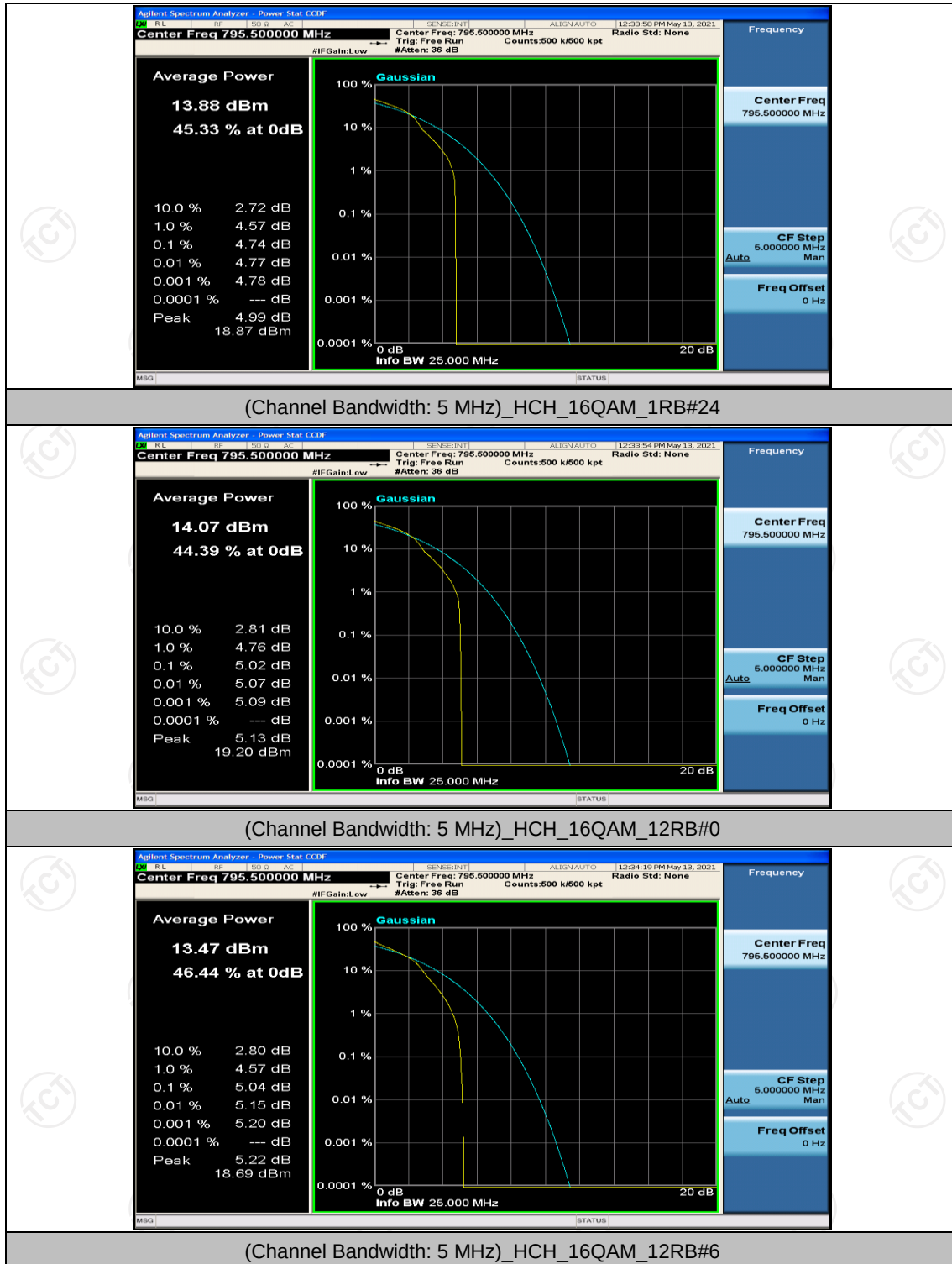
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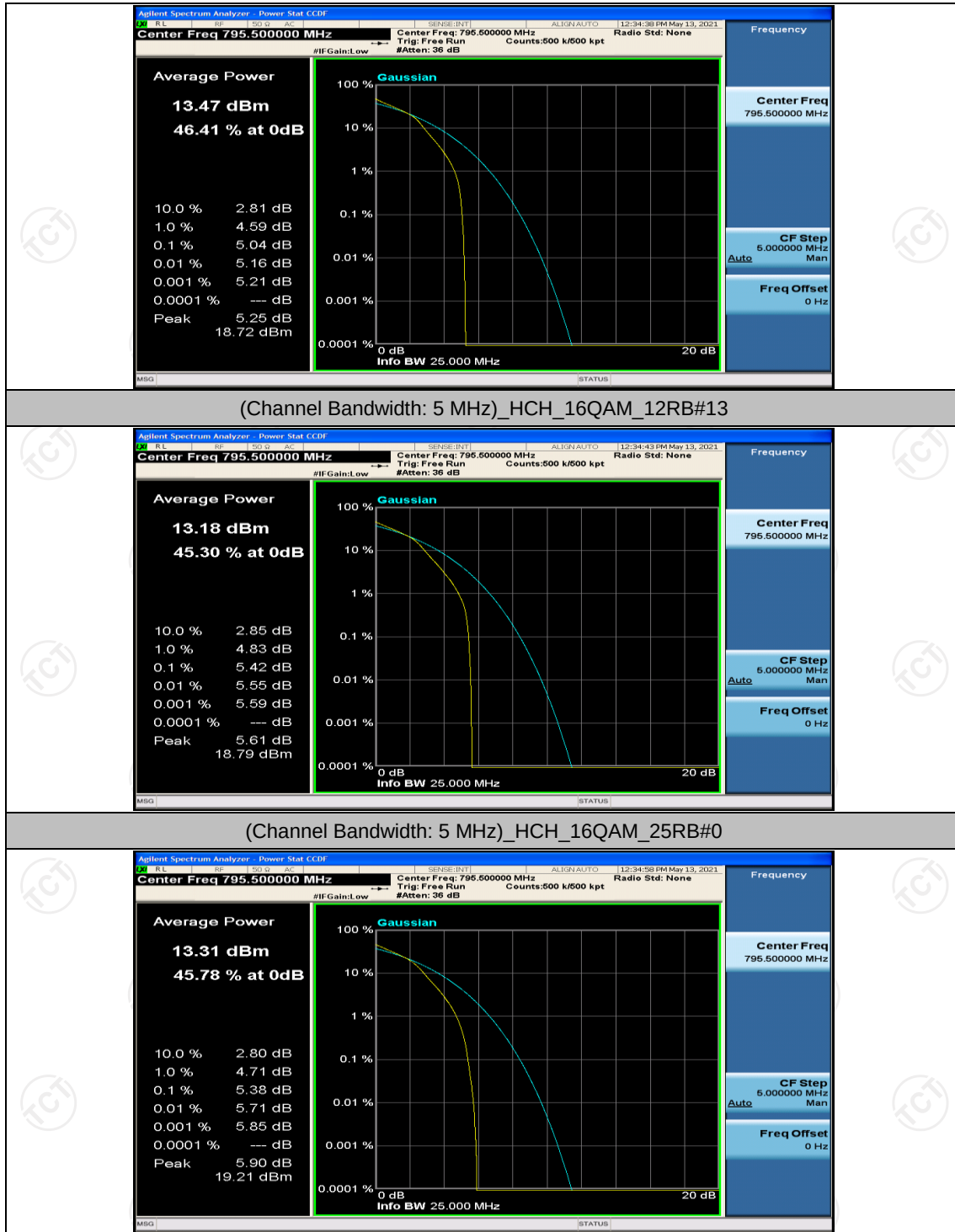


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



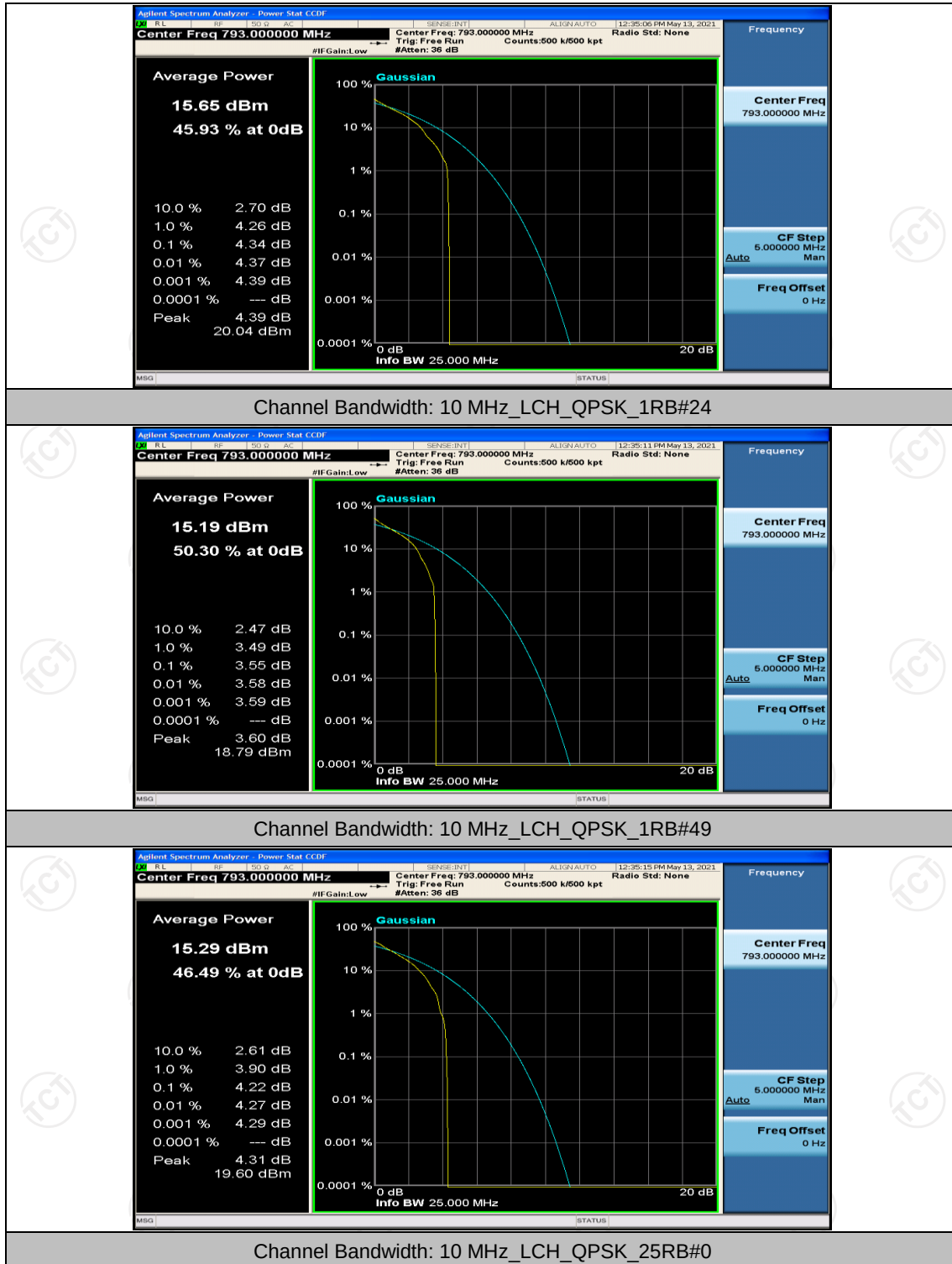
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

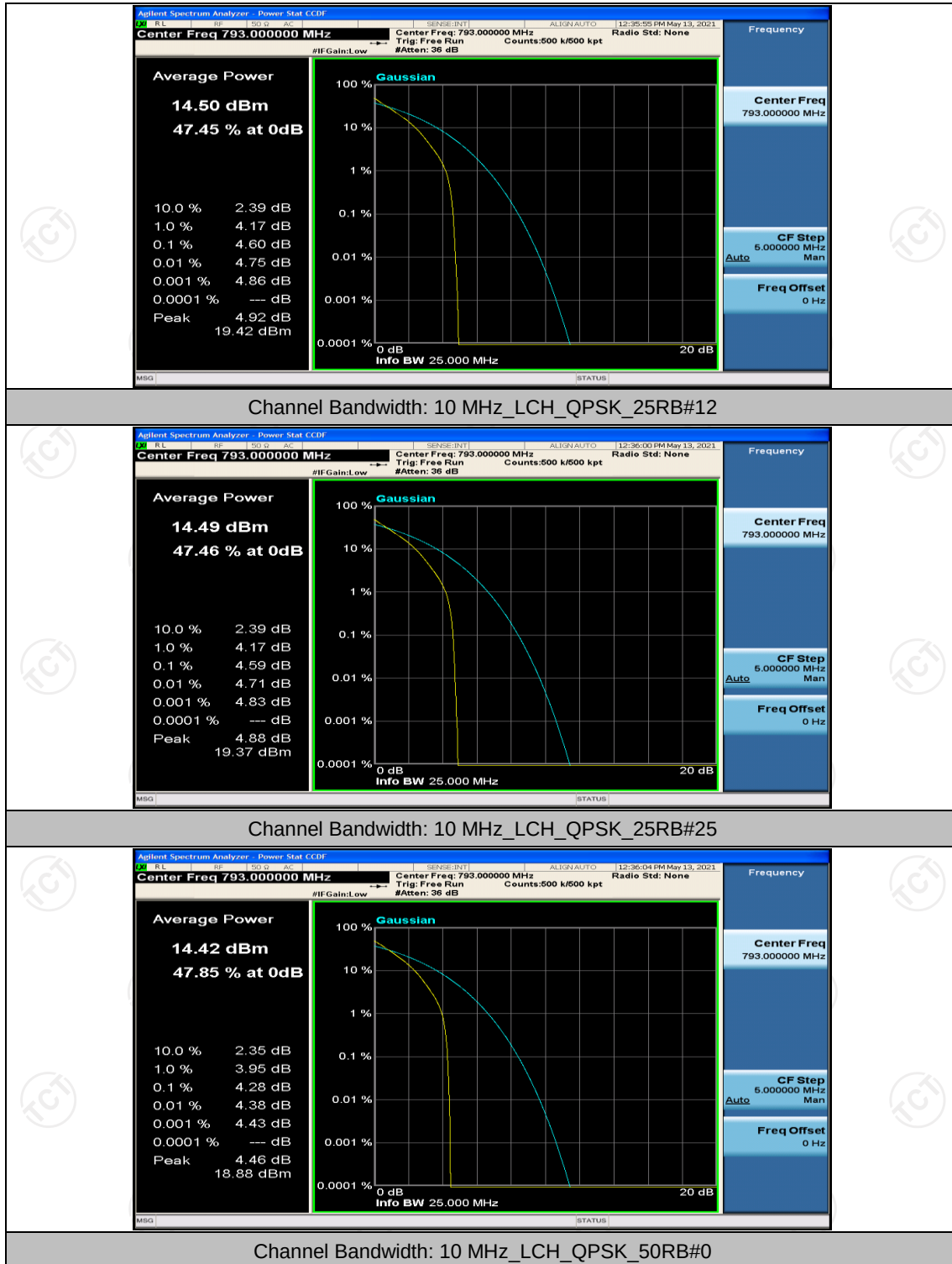


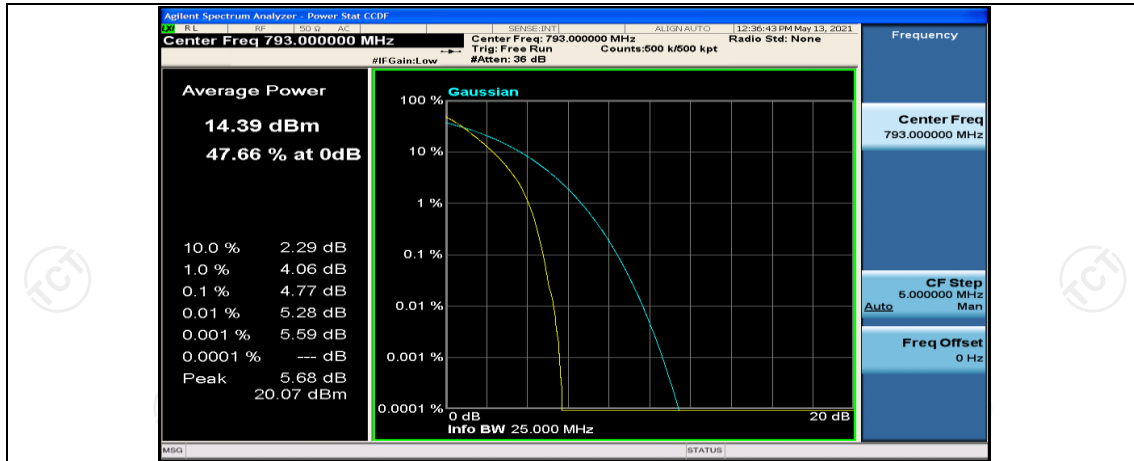


Channel Bandwidth: 10 MHz

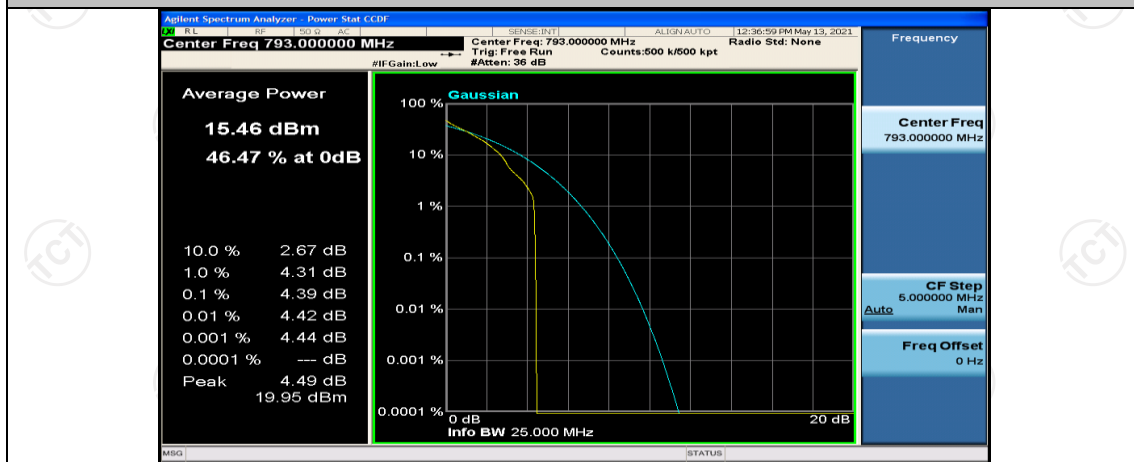
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0



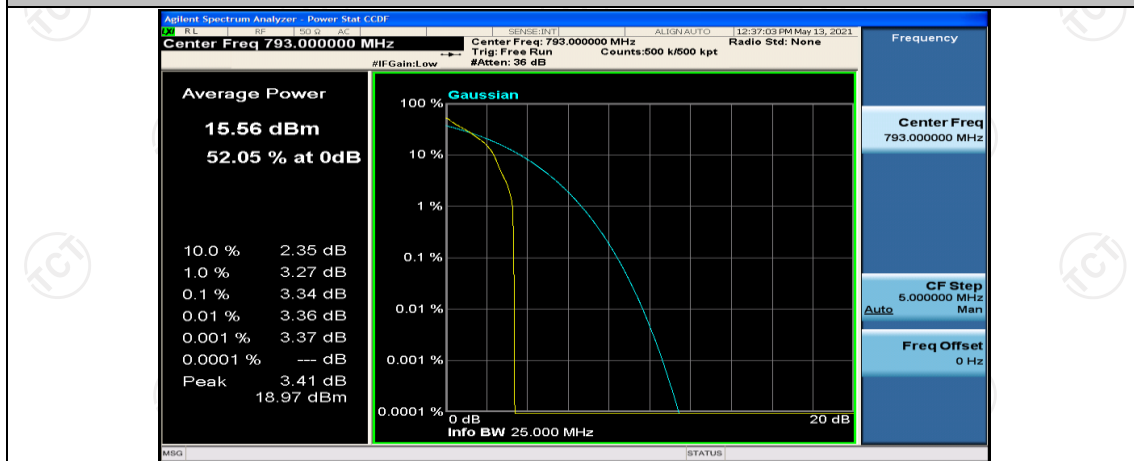




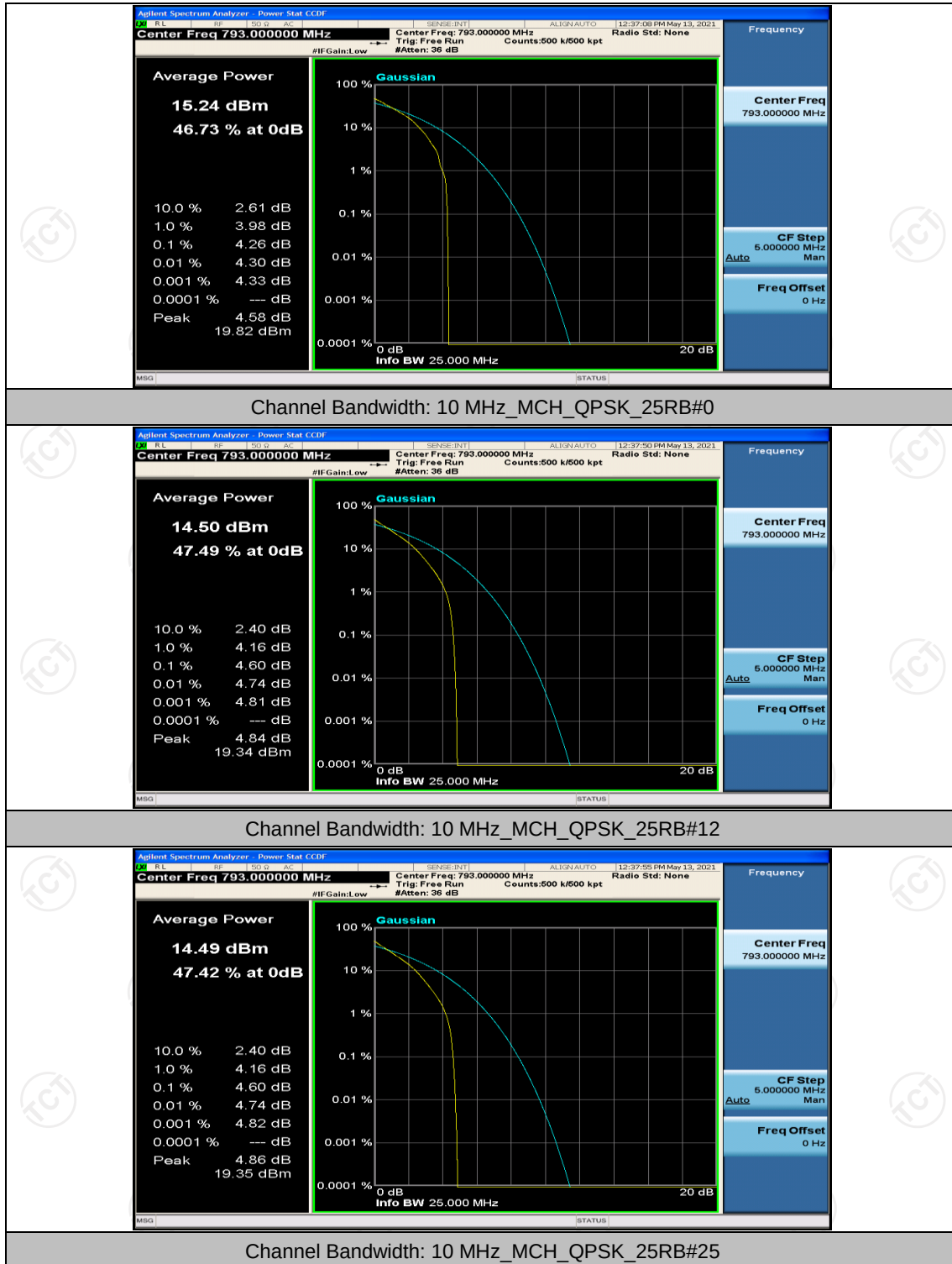
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

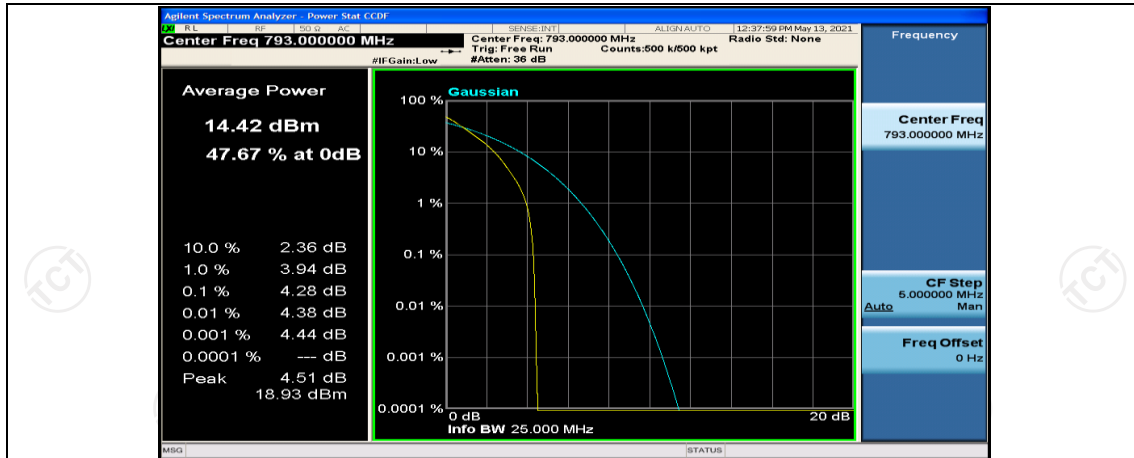


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

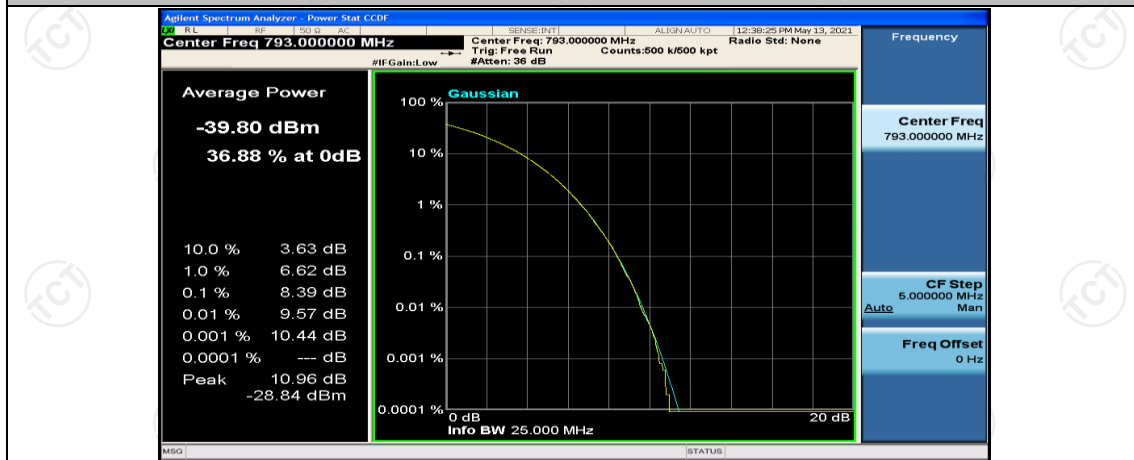


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

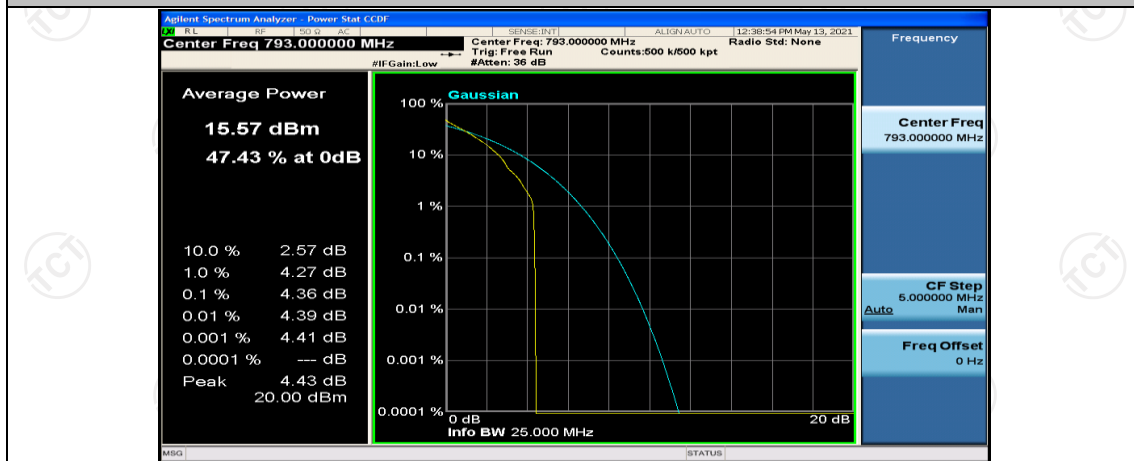




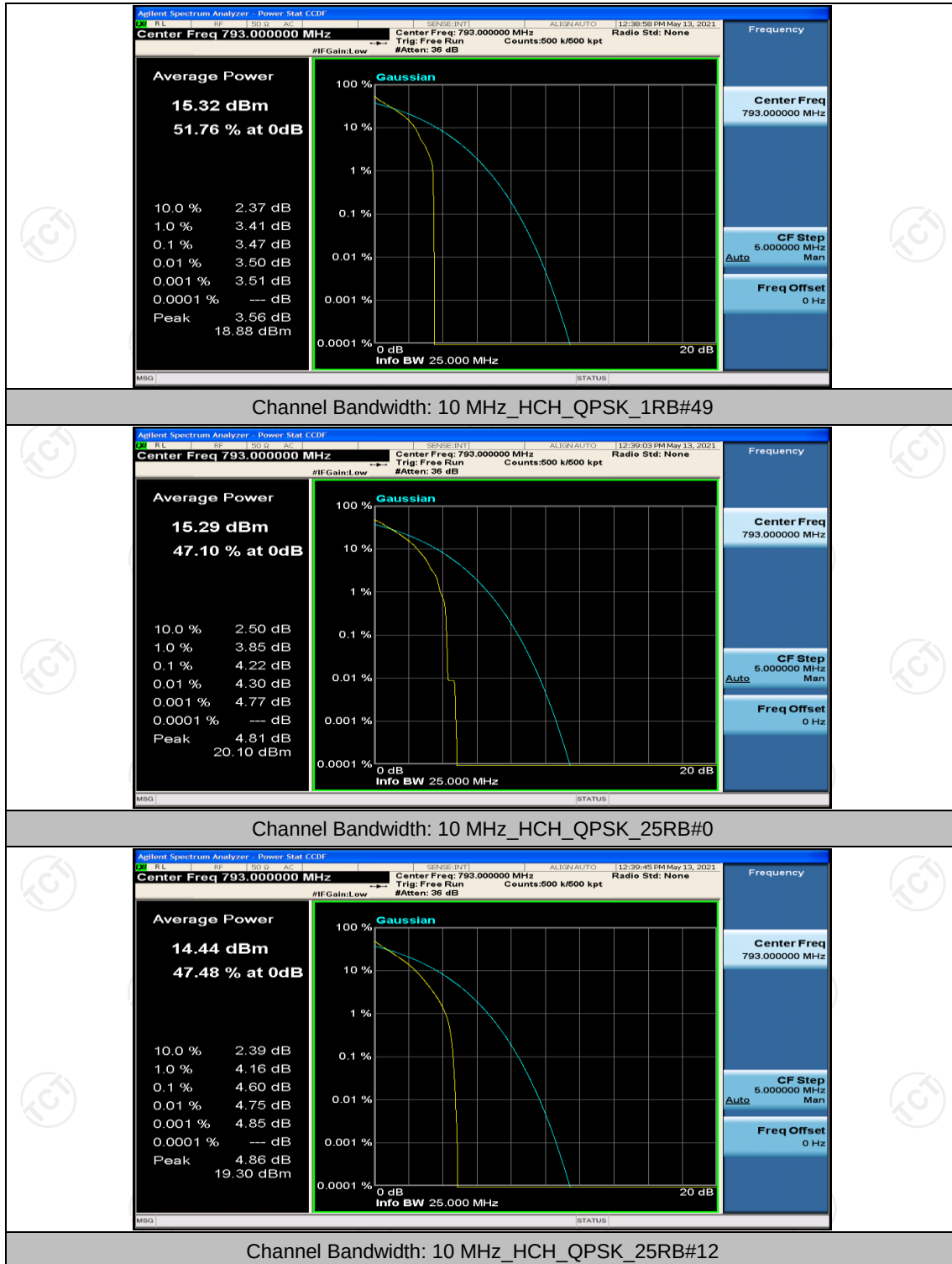
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

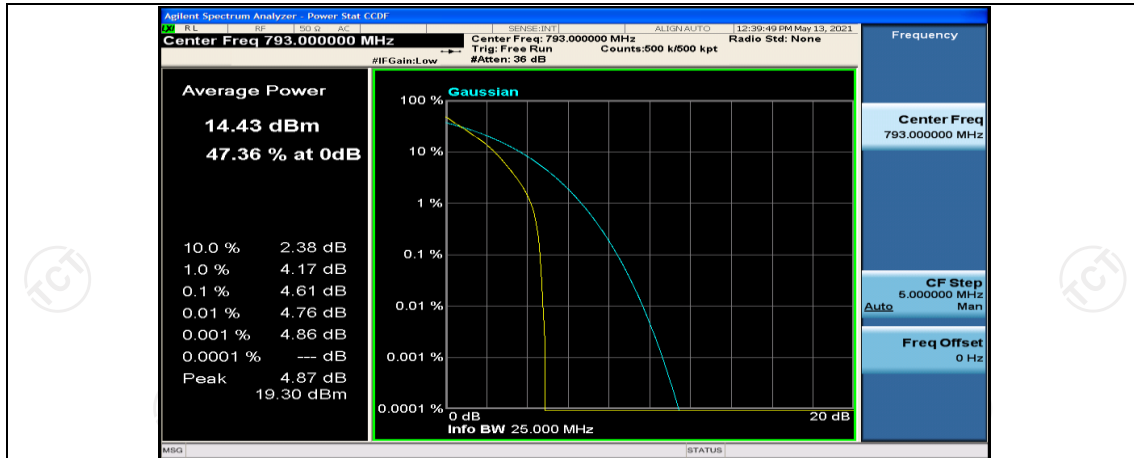


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

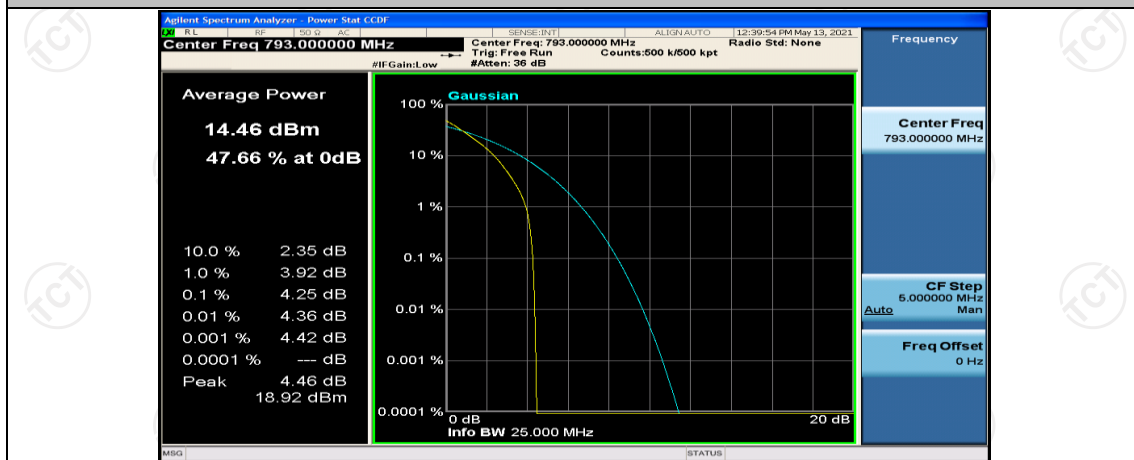


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

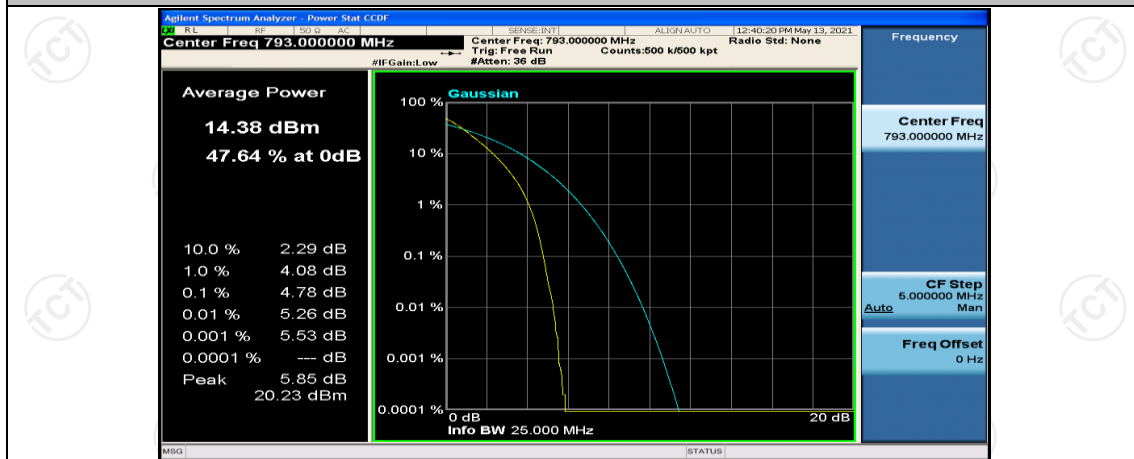




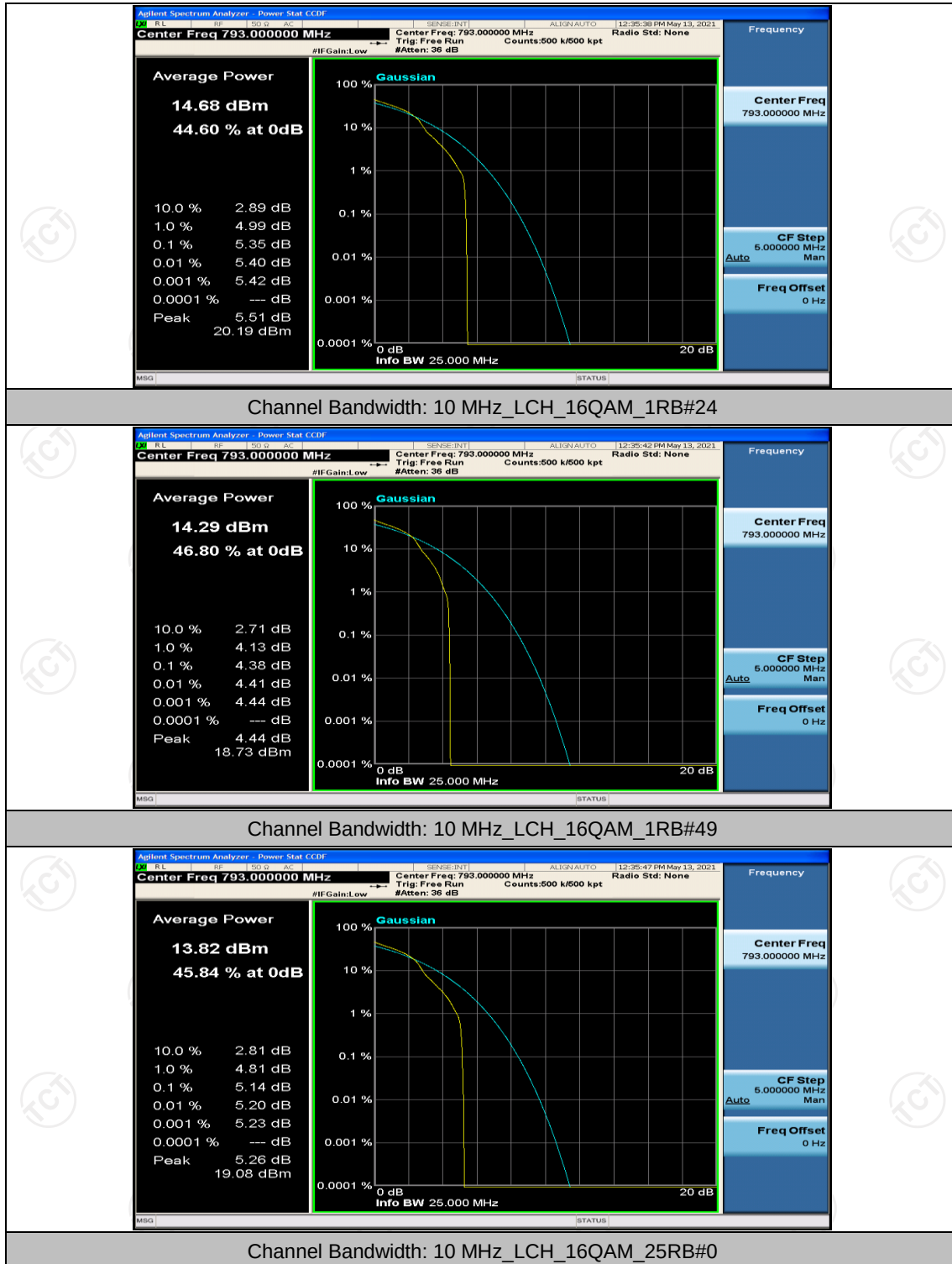
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25

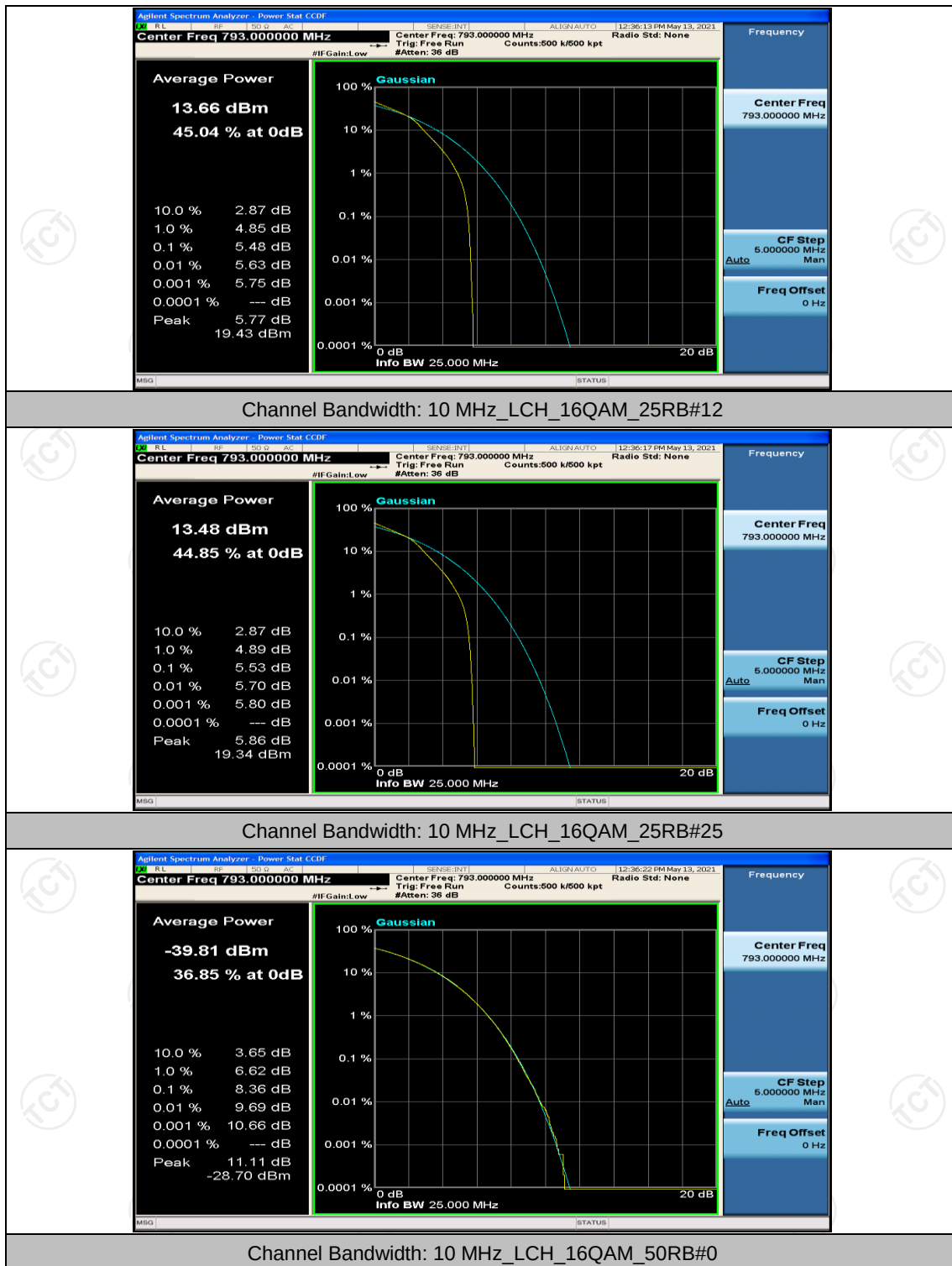


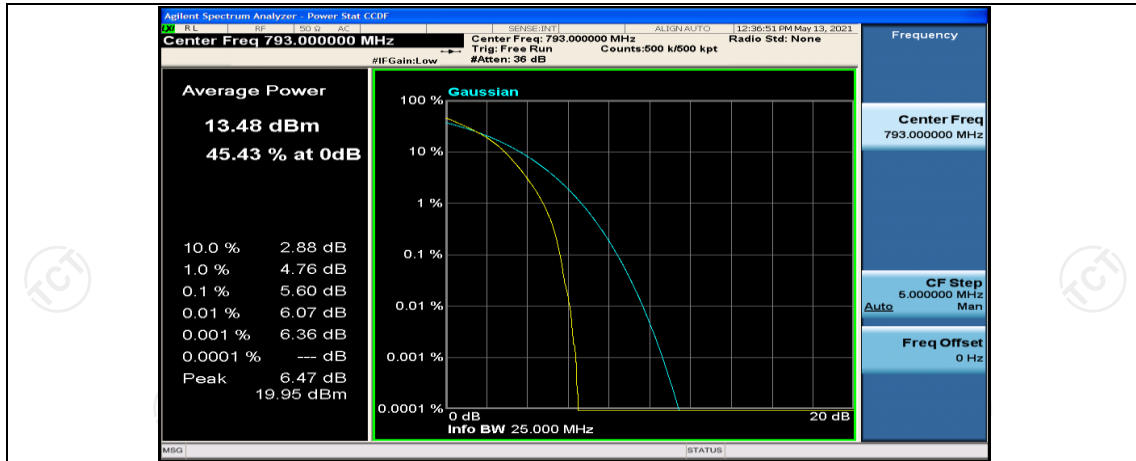
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



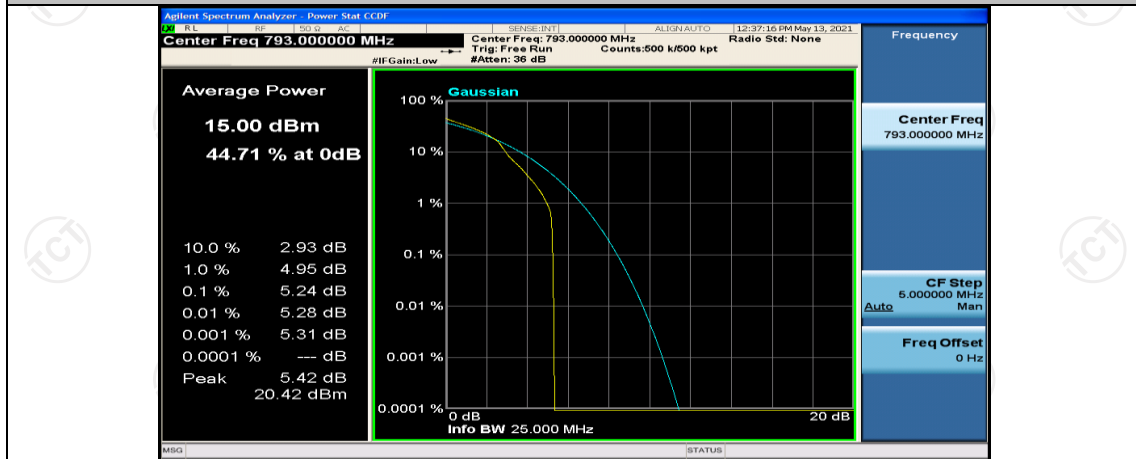
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



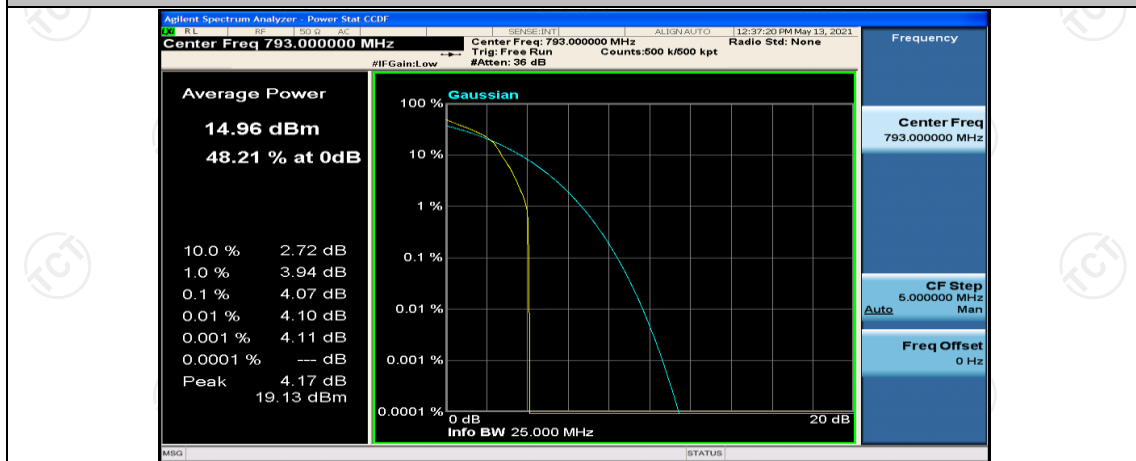




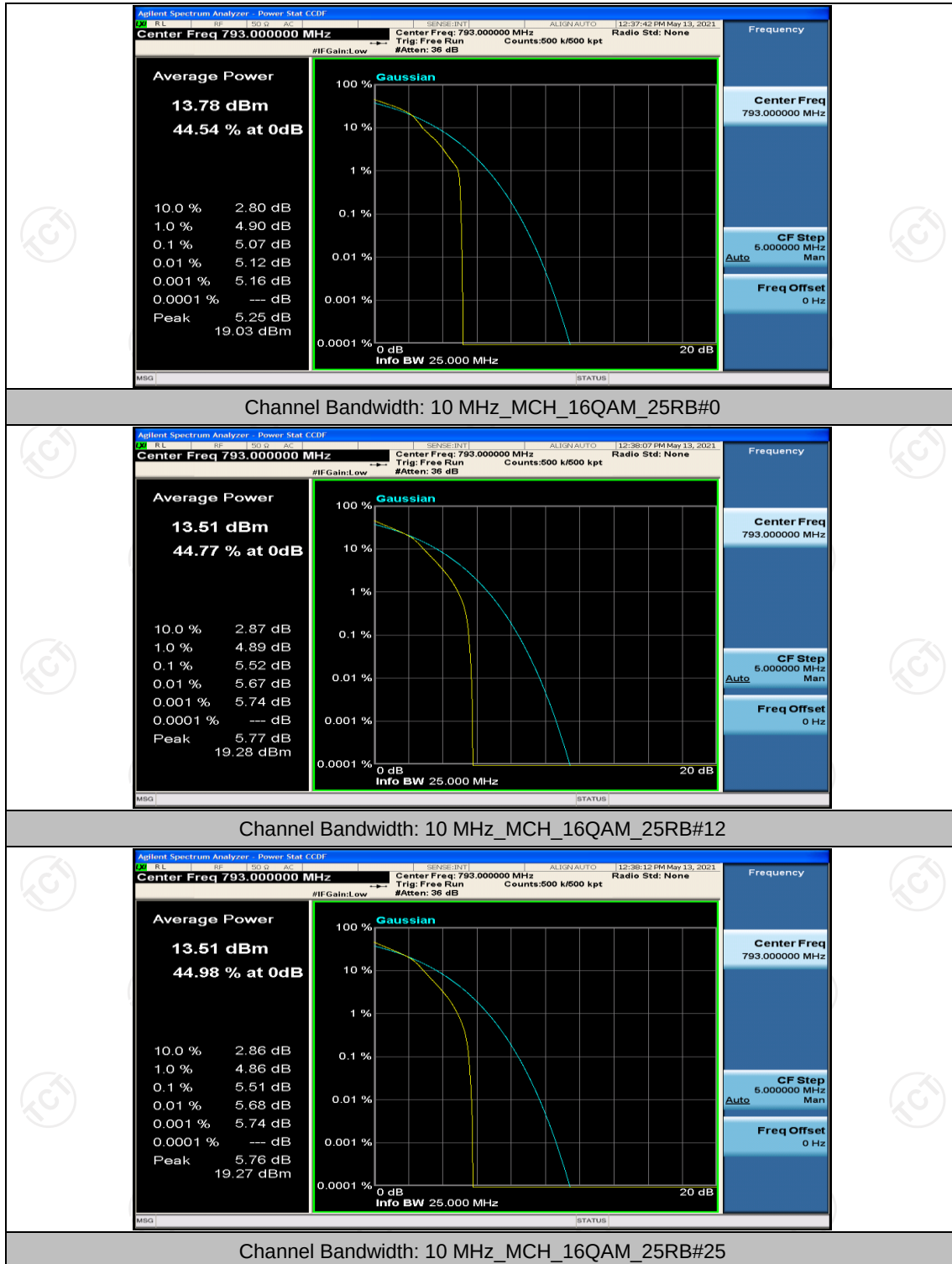
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

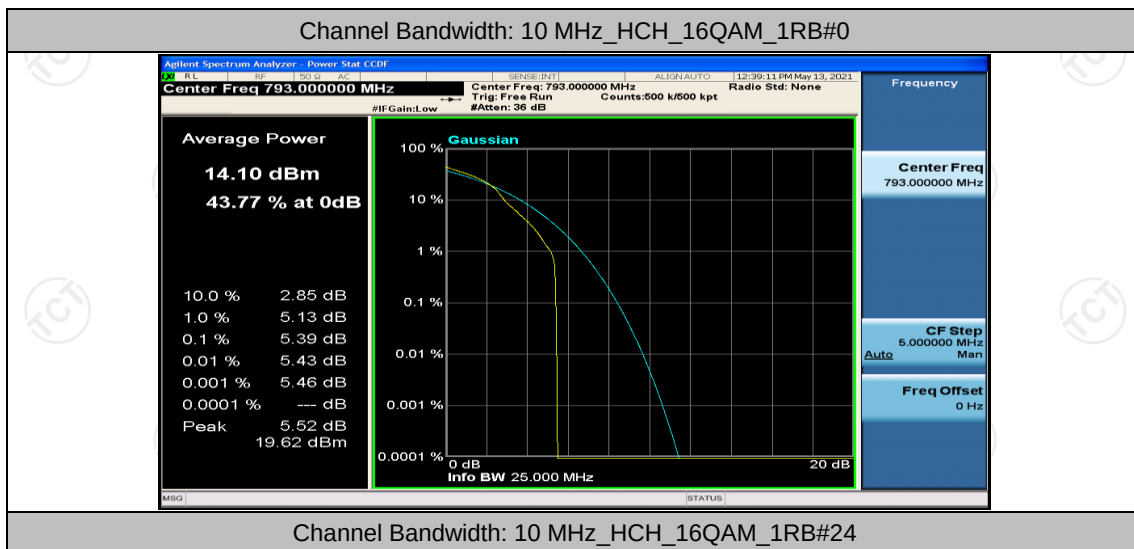
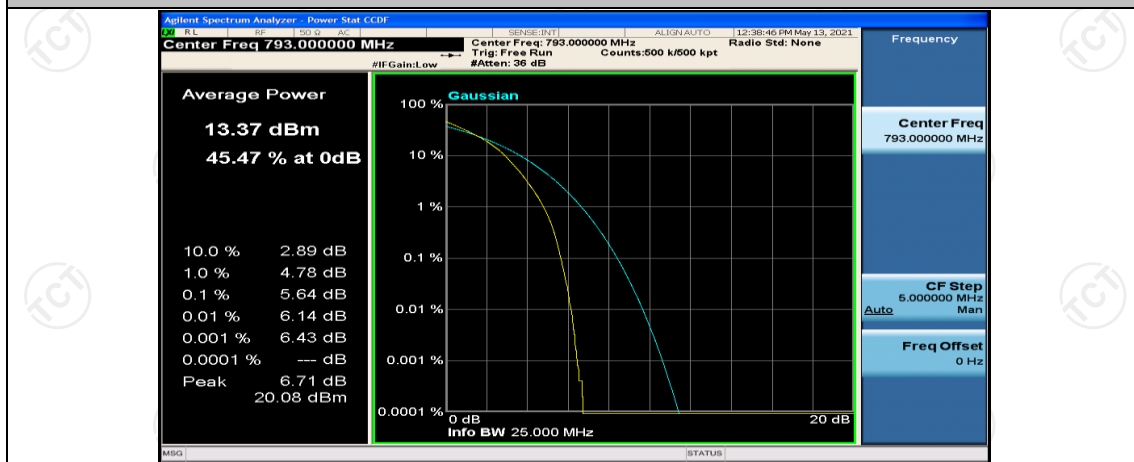
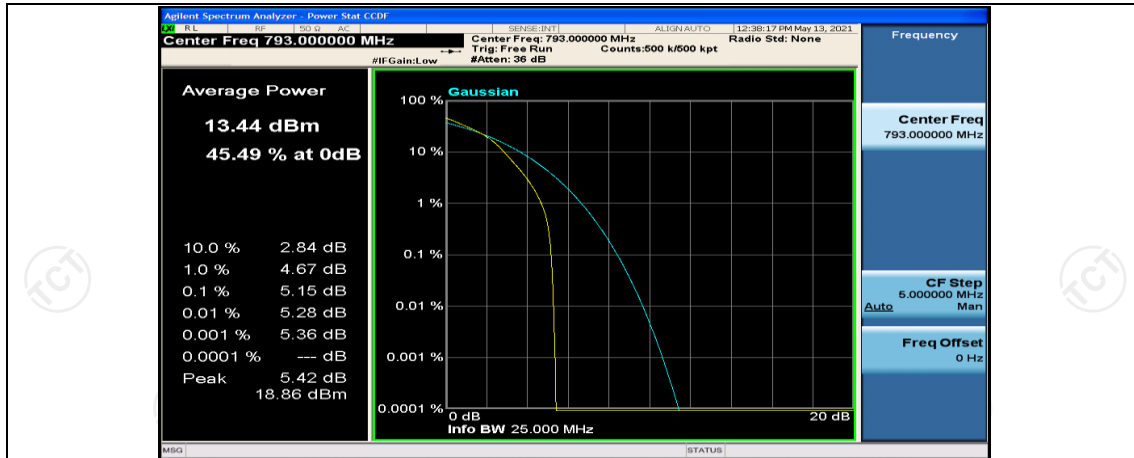


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

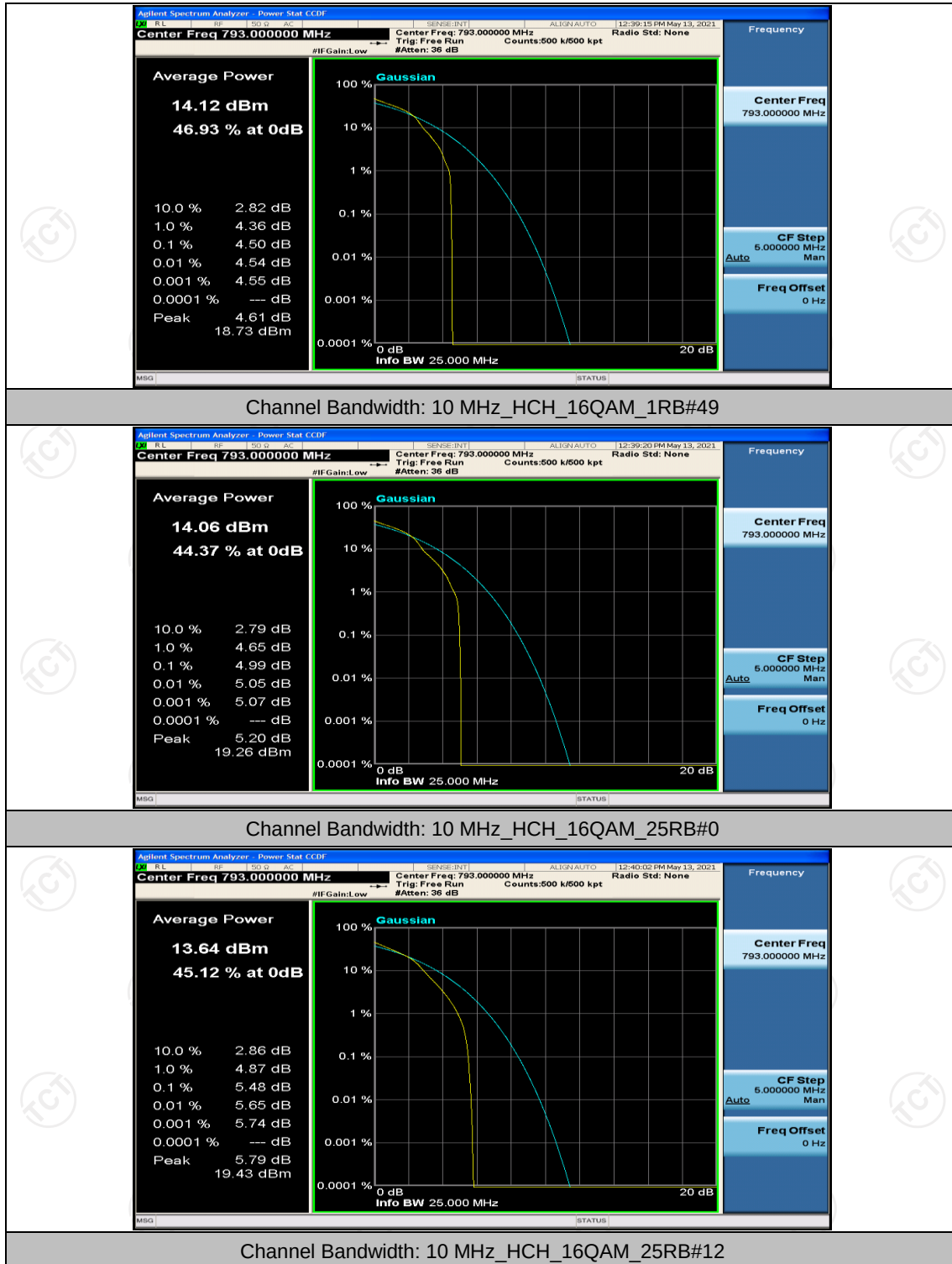


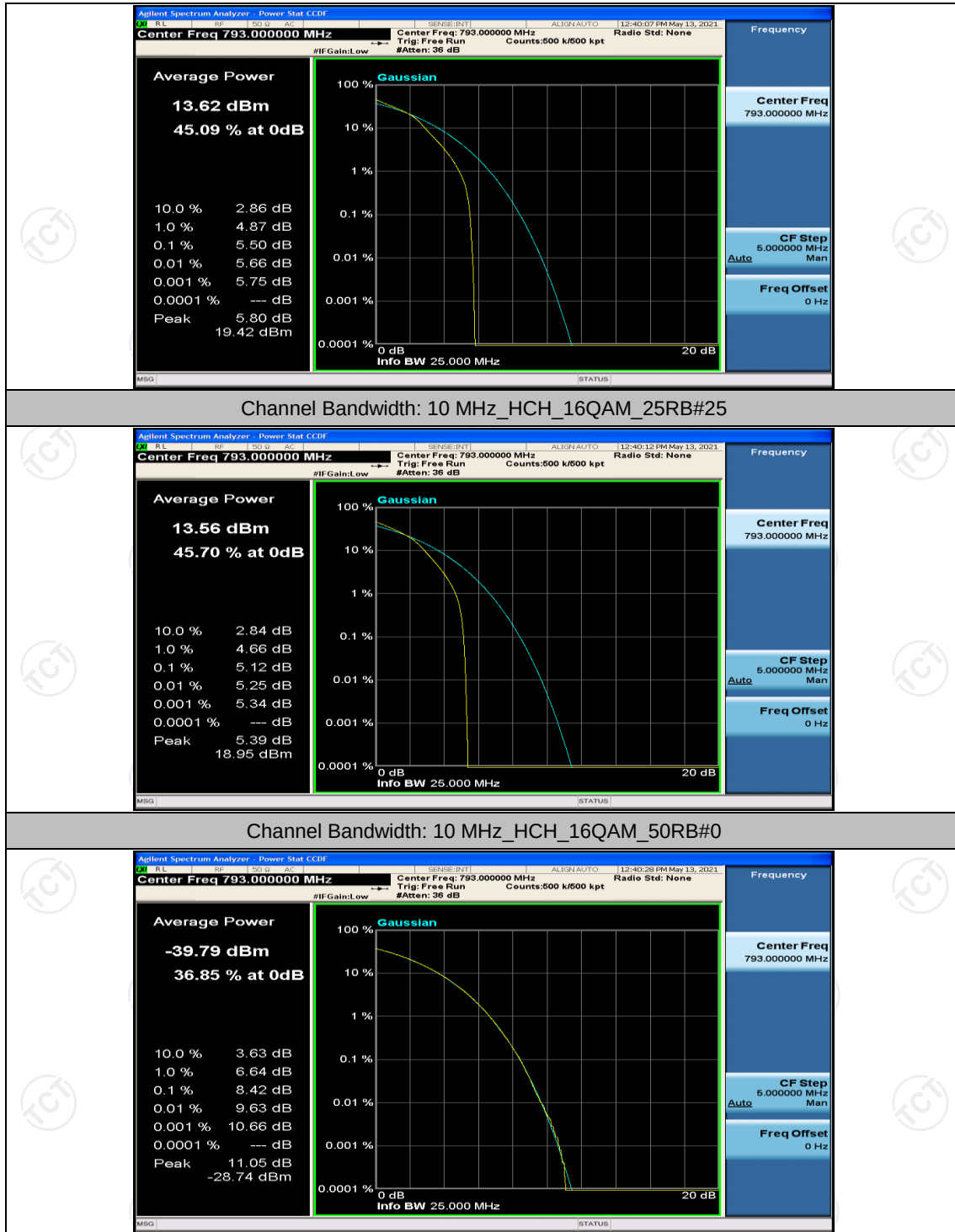
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49





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	4.4963	4.887	PASS
	MCH	25	0	4.4684	4.805	PASS
	HCH	25	0	4.4719	4.809	PASS
16QAM	LCH	25	0	4.4758	4.834	PASS
	MCH	25	0	4.4684	4.797	PASS
	HCH	25	0	4.4703	4.846	PASS

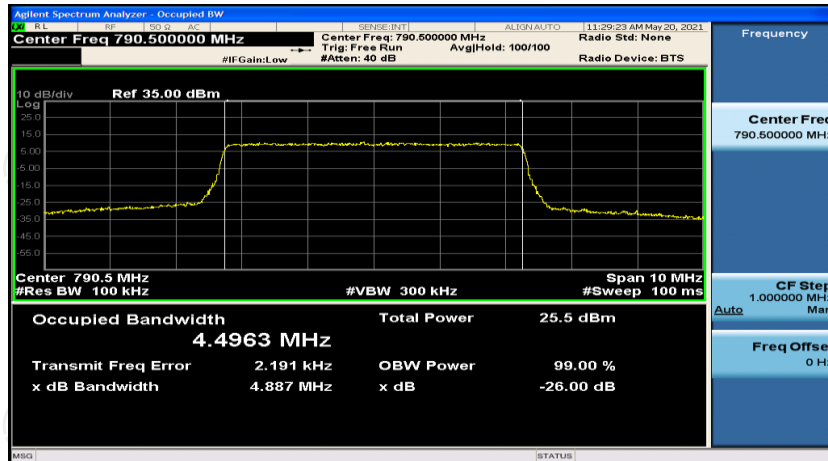
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.8947	9.302	PASS
	MCH	50	0	8.9087	9.362	PASS
	HCH	50	0	8.9097	9.350	PASS
16QAM	LCH	50	0	8.9076	9.361	PASS
	MCH	50	0	8.9026	9.344	PASS
	HCH	50	0	8.9010	9.391	PASS

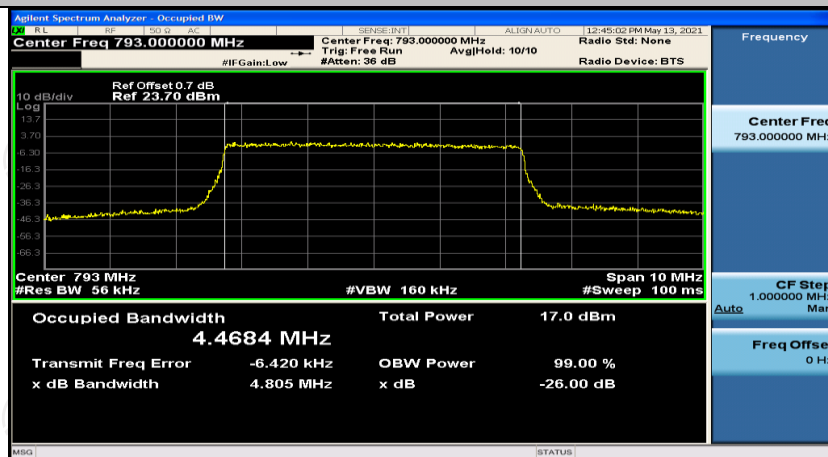
Test Graphs

Channel Bandwidth: 5 MHz

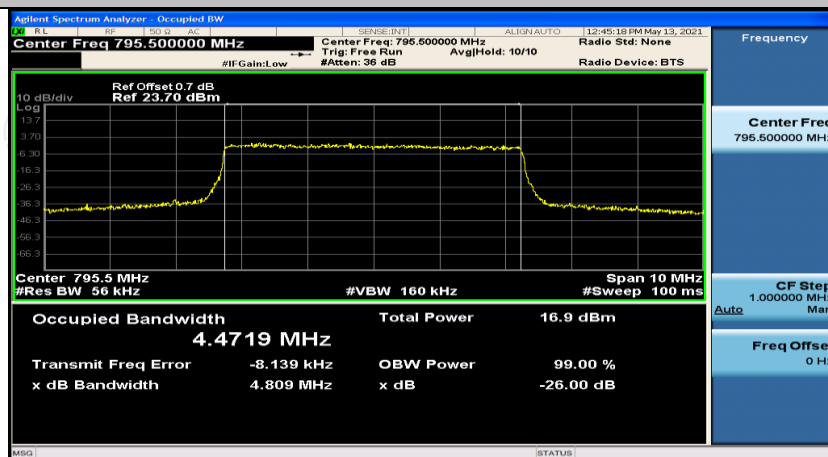
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



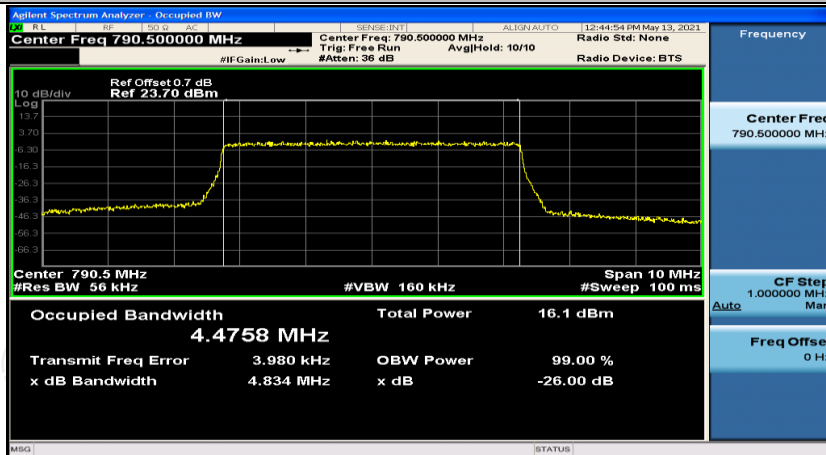
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

