

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	22.88	16.37	PASS
		1	12	23.04	16.53	PASS
		1	24	22.88	16.37	PASS
		12	0	21.88	15.37	PASS
		12	6	21.90	15.39	PASS
		12	13	21.90	15.39	PASS
		25	0	21.90	15.39	PASS
	MCH	1	0	22.95	16.44	PASS
		1	12	23.01	16.50	PASS
		1	24	22.83	16.32	PASS
		12	0	21.84	15.33	PASS
		12	6	21.84	15.33	PASS
		12	13	21.86	15.35	PASS
		25	0	21.88	15.37	PASS
	HCH	1	0	22.80	16.29	PASS
		1	12	22.90	16.39	PASS
		1	24	22.76	16.25	PASS
		12	0	21.77	15.26	PASS
		12	6	21.77	15.26	PASS
		12	13	21.77	15.26	PASS
		25	0	21.82	15.31	PASS
16QAM	LCH	1	0	22.01	15.50	PASS
		1	12	22.20	15.69	PASS
		1	24	22.06	15.55	PASS
		12	0	20.93	14.42	PASS
		12	6	20.93	14.42	PASS
		12	13	20.91	14.40	PASS
		25	0	20.90	14.39	PASS
	MCH	1	0	21.86	15.35	PASS
		1	12	22.00	15.49	PASS
		1	24	21.81	15.30	PASS
		12	0	20.87	14.36	PASS
		12	6	20.88	14.37	PASS
		12	13	20.85	14.34	PASS

		25	0	20.93	14.42	PASS
		1	0	21.73	15.22	PASS
		1	12	21.86	15.35	PASS
		1	24	21.71	15.20	PASS
	HCH	12	0	20.76	14.25	PASS
		12	6	20.74	14.23	PASS
		12	13	20.73	14.22	PASS
		25	0	20.79	14.28	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	22.89	16.38	PASS
		1	24	23.05	16.54	PASS
		1	49	22.80	16.29	PASS
		25	0	22.02	15.51	PASS
		25	12	22.01	15.50	PASS
		25	25	22.05	15.54	PASS
		50	0	21.99	15.48	PASS
		50	0	21.99	15.48	PASS
	MCH	1	0	22.92	16.41	PASS
		1	24	23.05	16.54	PASS
		1	49	22.81	16.30	PASS
		25	0	21.97	15.46	PASS
		25	12	21.98	15.47	PASS
		25	25	21.98	15.47	PASS
		50	0	21.96	15.45	PASS
		50	0	21.96	15.45	PASS
	HCH	1	0	22.99	16.48	PASS
		1	24	22.99	16.48	PASS
		1	49	22.82	16.31	PASS
		25	0	21.91	15.40	PASS
		25	12	21.93	15.42	PASS
		25	25	21.96	15.45	PASS
		50	0	21.94	15.43	PASS
		50	0	21.94	15.43	PASS
16QAM	LCH	1	0	22.04	15.53	PASS
		1	24	22.17	15.66	PASS
		1	49	21.93	15.42	PASS
		25	0	20.96	14.45	PASS
		25	12	20.99	14.48	PASS
		25	25	21.02	14.51	PASS
		50	0	20.97	14.46	PASS
		50	0	20.97	14.46	PASS

	MCH	1	0	22.00	15.49	PASS
		1	24	22.17	15.66	PASS
		1	49	21.89	15.38	PASS
		25	0	20.96	14.45	PASS
		25	12	20.98	14.47	PASS
		25	25	20.99	14.48	PASS
		50	0	20.99	14.48	PASS
	HCH	1	0	21.86	15.35	PASS
		1	24	21.85	15.34	PASS
		1	49	21.69	15.18	PASS
		25	0	20.92	14.41	PASS
		25	12	20.94	14.43	PASS
		25	25	20.95	14.44	PASS
		50	0	20.89	14.38	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	4.72	<13	PASS
		1	12	4.66	<13	PASS
		1	24	4.72	<13	PASS
		12	0	5.39	<13	PASS
		12	6	5.35	<13	PASS
		12	13	5.32	<13	PASS
		25	0	5.30	<13	PASS
	MCH	1	0	4.62	<13	PASS
		1	12	4.31	<13	PASS
		1	24	4.13	<13	PASS
		12	0	5.27	<13	PASS
		12	6	5.29	<13	PASS
		12	13	5.00	<13	PASS
		25	0	5.15	<13	PASS
	HCH	1	0	4.44	<13	PASS
		1	12	3.94	<13	PASS
		1	24	3.91	<13	PASS
		12	0	4.79	<13	PASS
		12	6	4.81	<13	PASS
		12	13	4.52	<13	PASS
		25	0	4.74	<13	PASS
16QAM	LCH	1	0	5.45	<13	PASS
		1	12	5.41	<13	PASS
		1	24	5.40	<13	PASS
		12	0	6.15	<13	PASS
		12	6	6.09	<13	PASS
		12	13	6.16	<13	PASS
		25	0	6.16	<13	PASS
	MCH	1	0	5.25	<13	PASS
		1	12	4.99	<13	PASS
		1	24	4.92	<13	PASS
		12	0	6.10	<13	PASS

		12	6	6.06	<13	PASS
		12	13	5.87	<13	PASS
		25	0	5.92	<13	PASS
	HCH	1	0	5.17	<13	PASS
		1	12	4.65	<13	PASS
		1	24	4.70	<13	PASS
		12	0	5.74	<13	PASS
		12	6	5.68	<13	PASS
		12	13	5.41	<13	PASS
		25	0	5.59	<13	PASS

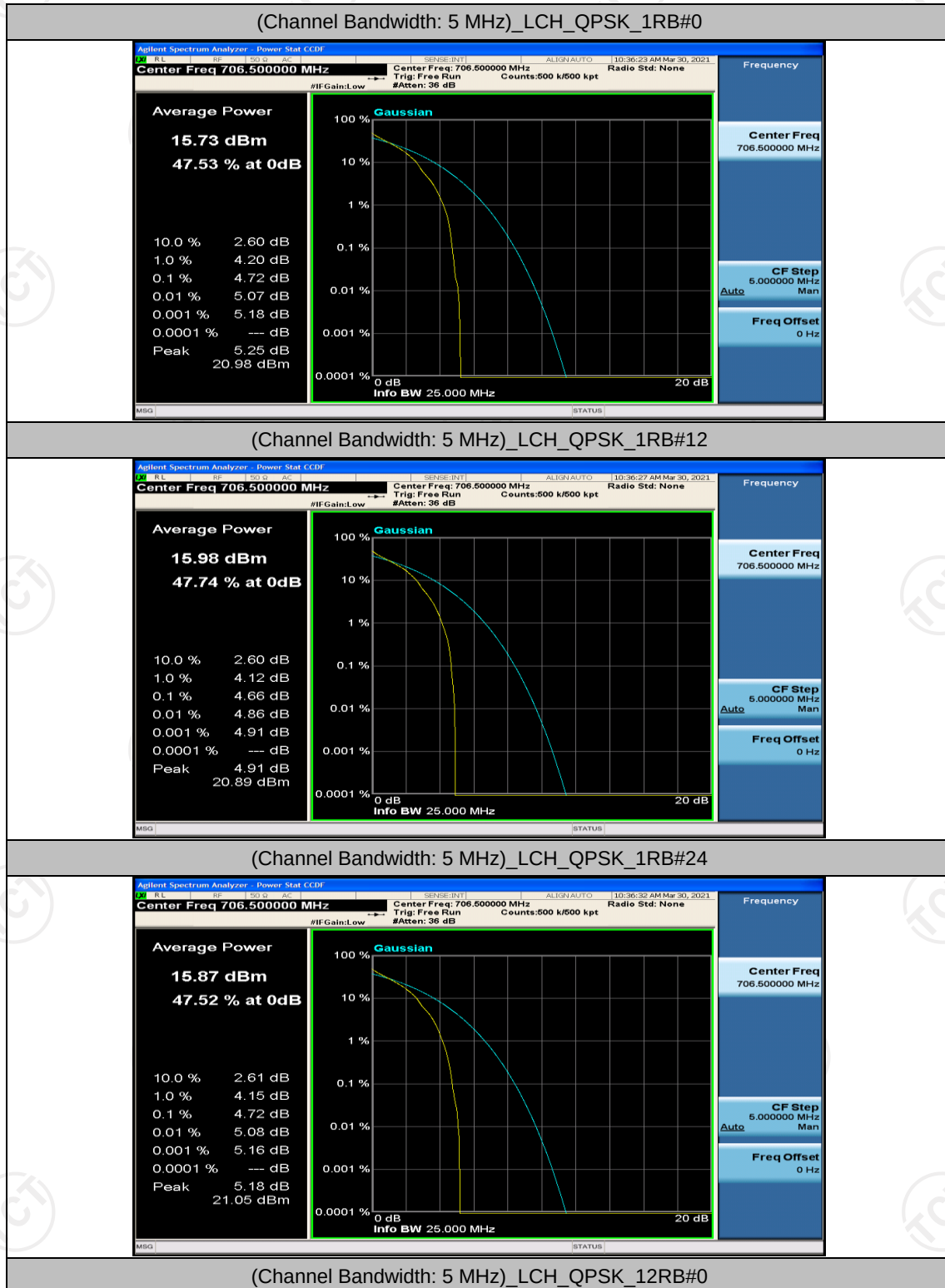
Channel Bandwidth: 10 MHz

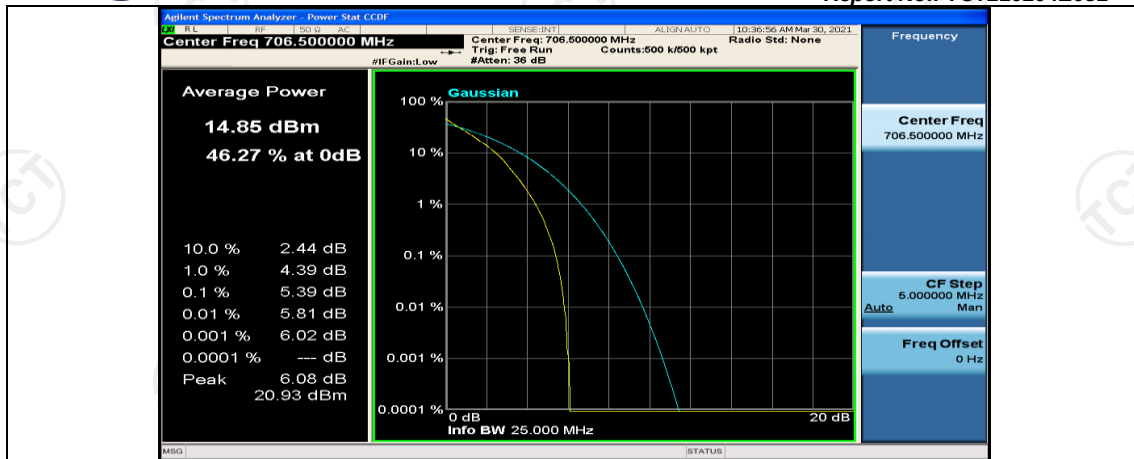
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.64	<13	PASS
		1	24	4.41	<13	PASS
		1	49	3.84	<13	PASS
		25	0	5.29	<13	PASS
		25	12	5.27	<13	PASS
		25	25	4.91	<13	PASS
		50	0	5.18	<13	PASS
	MCH	1	0	4.57	<13	PASS
		1	24	4.25	<13	PASS
		1	49	3.59	<13	PASS
		25	0	5.30	<13	PASS
		25	12	5.30	<13	PASS
		25	25	4.80	<13	PASS
		50	0	5.07	<13	PASS
	HCH	1	0	4.61	<13	PASS
		1	24	4.20	<13	PASS
		1	49	3.69	<13	PASS
		25	0	5.18	<13	PASS
		25	12	5.17	<13	PASS
		25	25	4.61	<13	PASS
		50	0	5.04	<13	PASS
16QAM	LCH	1	0	5.46	<13	PASS
		1	24	5.34	<13	PASS
		1	49	4.82	<13	PASS
		25	0	6.20	<13	PASS
		25	12	6.19	<13	PASS

		25	25	5.78	<13	PASS
		50	0	5.97	<13	PASS
	MCH	1	0	5.29	<13	PASS
		1	24	5.00	<13	PASS
		1	49	4.58	<13	PASS
		25	0	6.17	<13	PASS
		25	12	6.18	<13	PASS
		25	25	5.68	<13	PASS
		50	0	5.90	<13	PASS
		1	0	5.45	<13	PASS
	HCH	1	24	5.15	<13	PASS
		1	49	4.66	<13	PASS
		25	0	6.08	<13	PASS
		25	12	6.07	<13	PASS
		25	25	5.56	<13	PASS
		50	0	5.88	<13	PASS

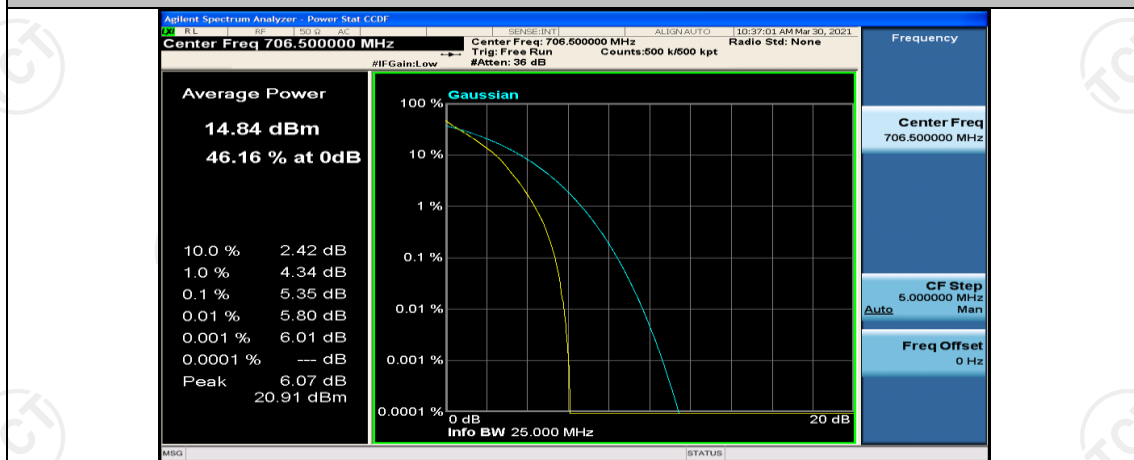
Test Graphs

Channel Bandwidth: 5 MHz

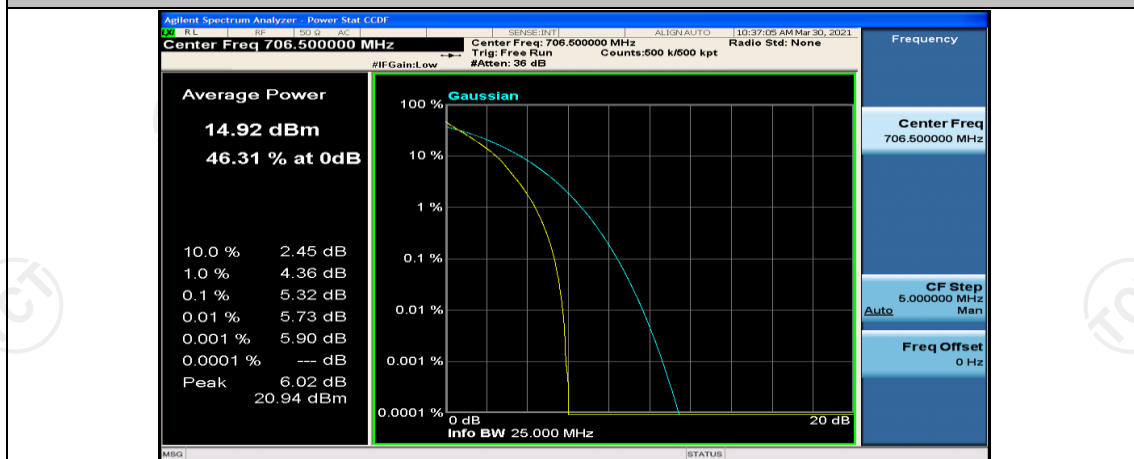




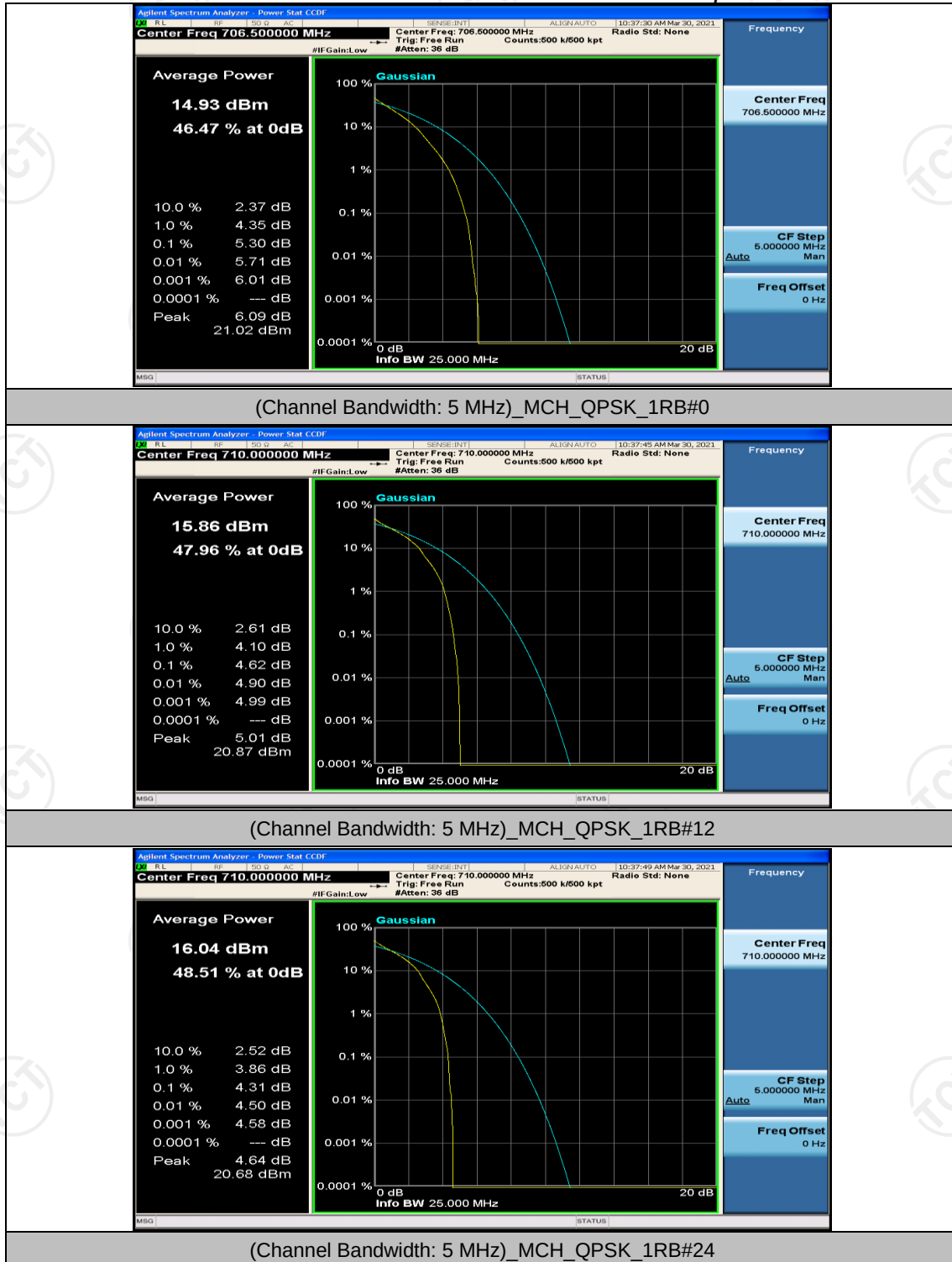
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6

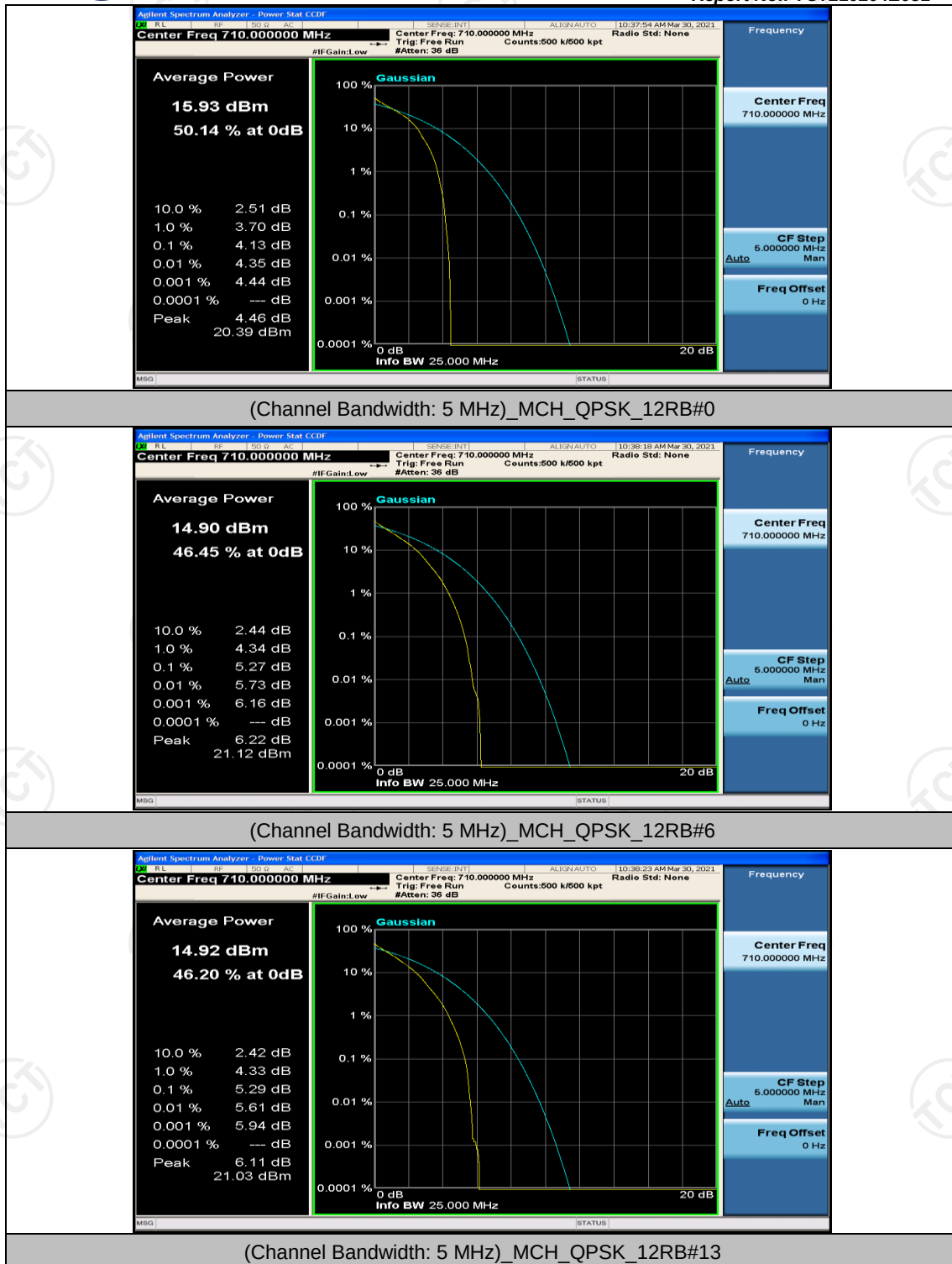


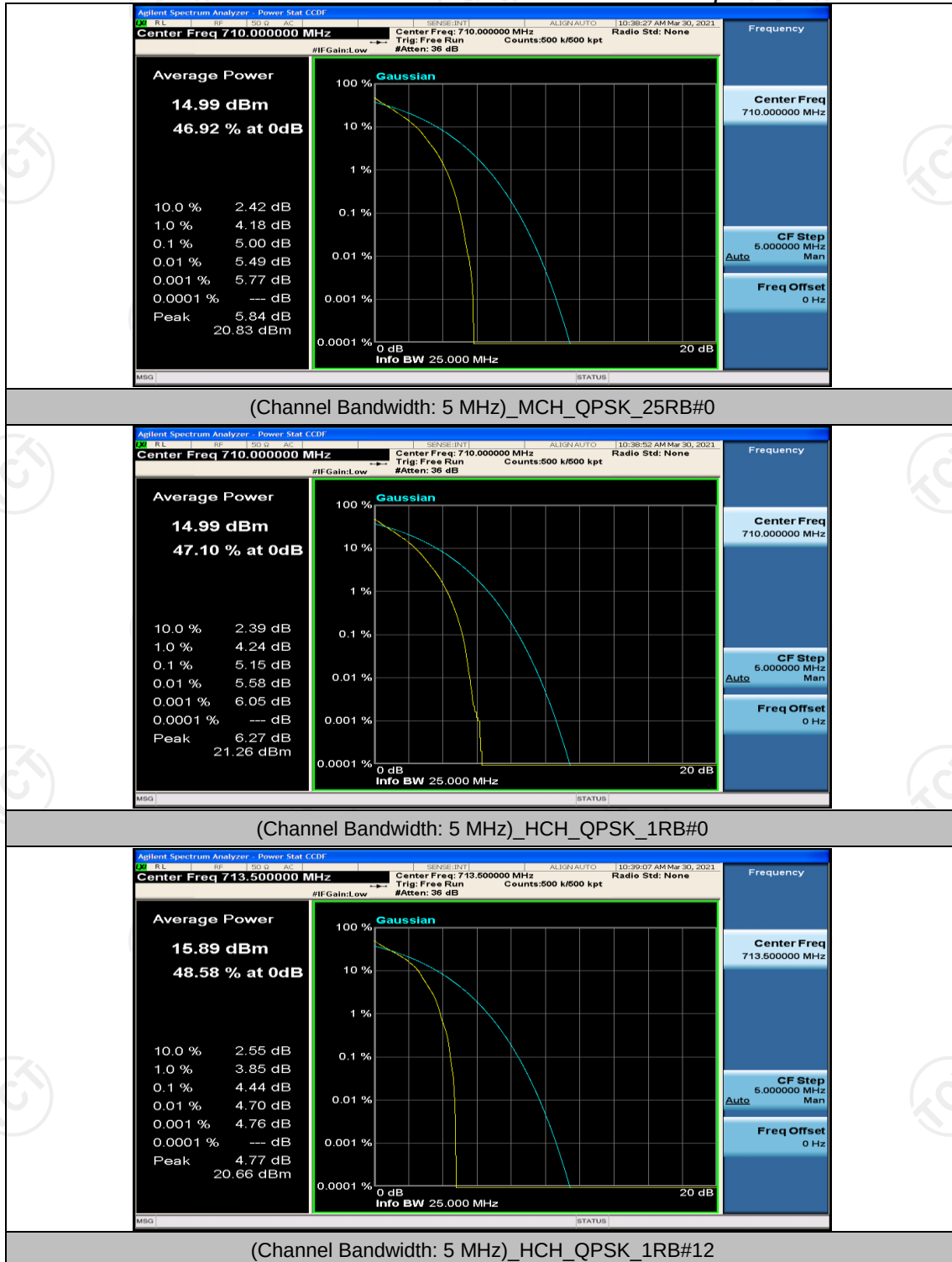
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13

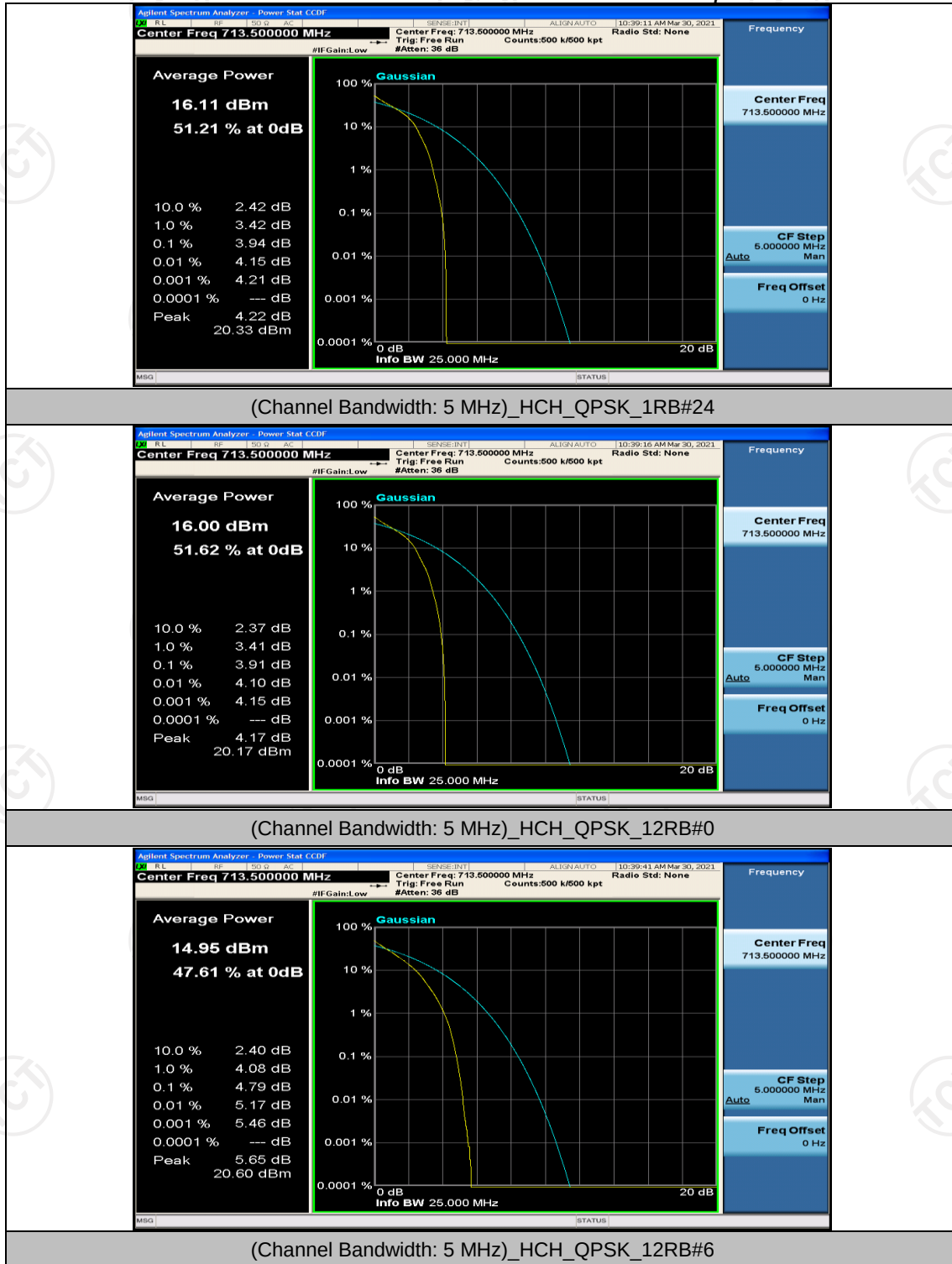


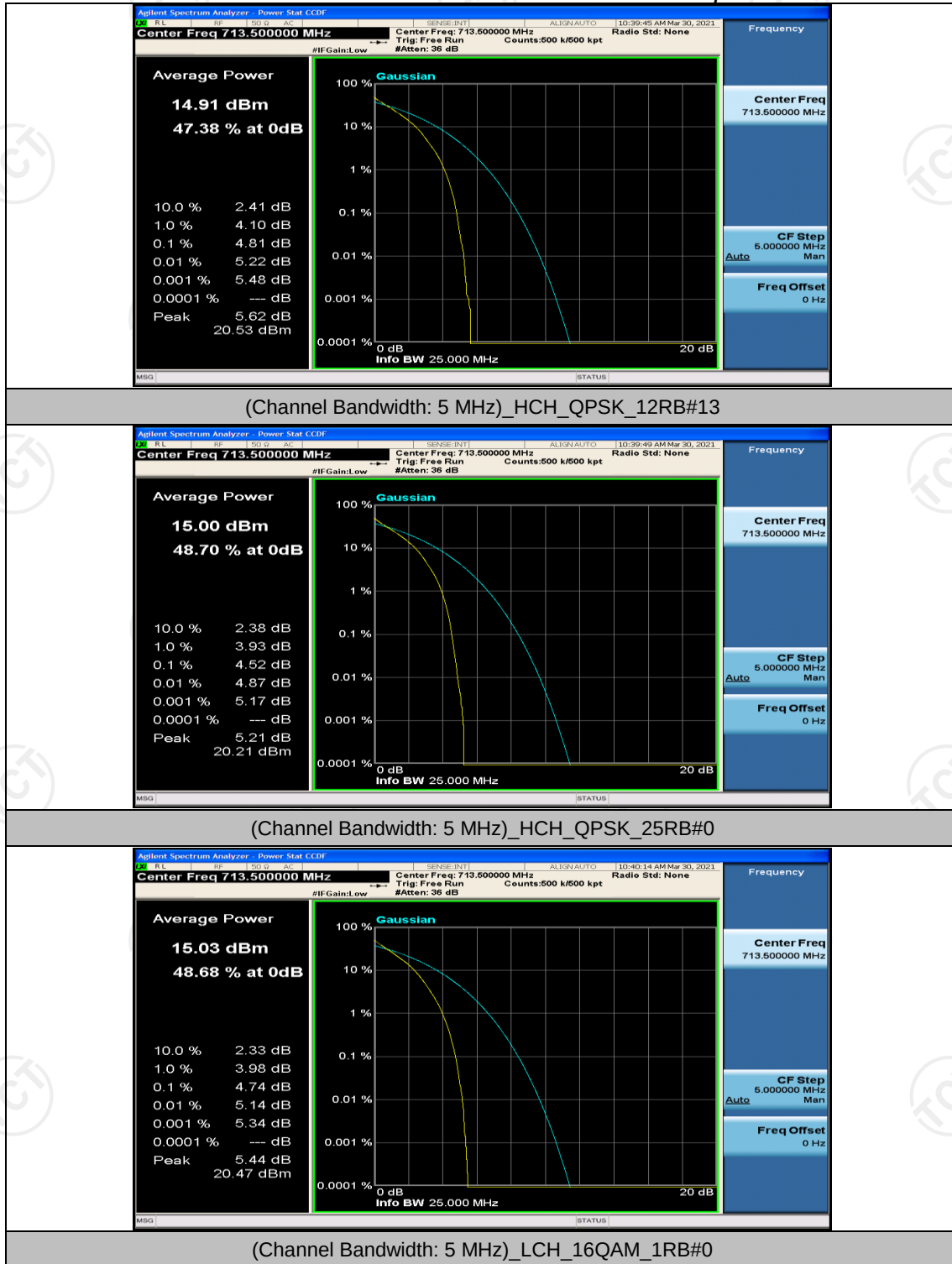
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0

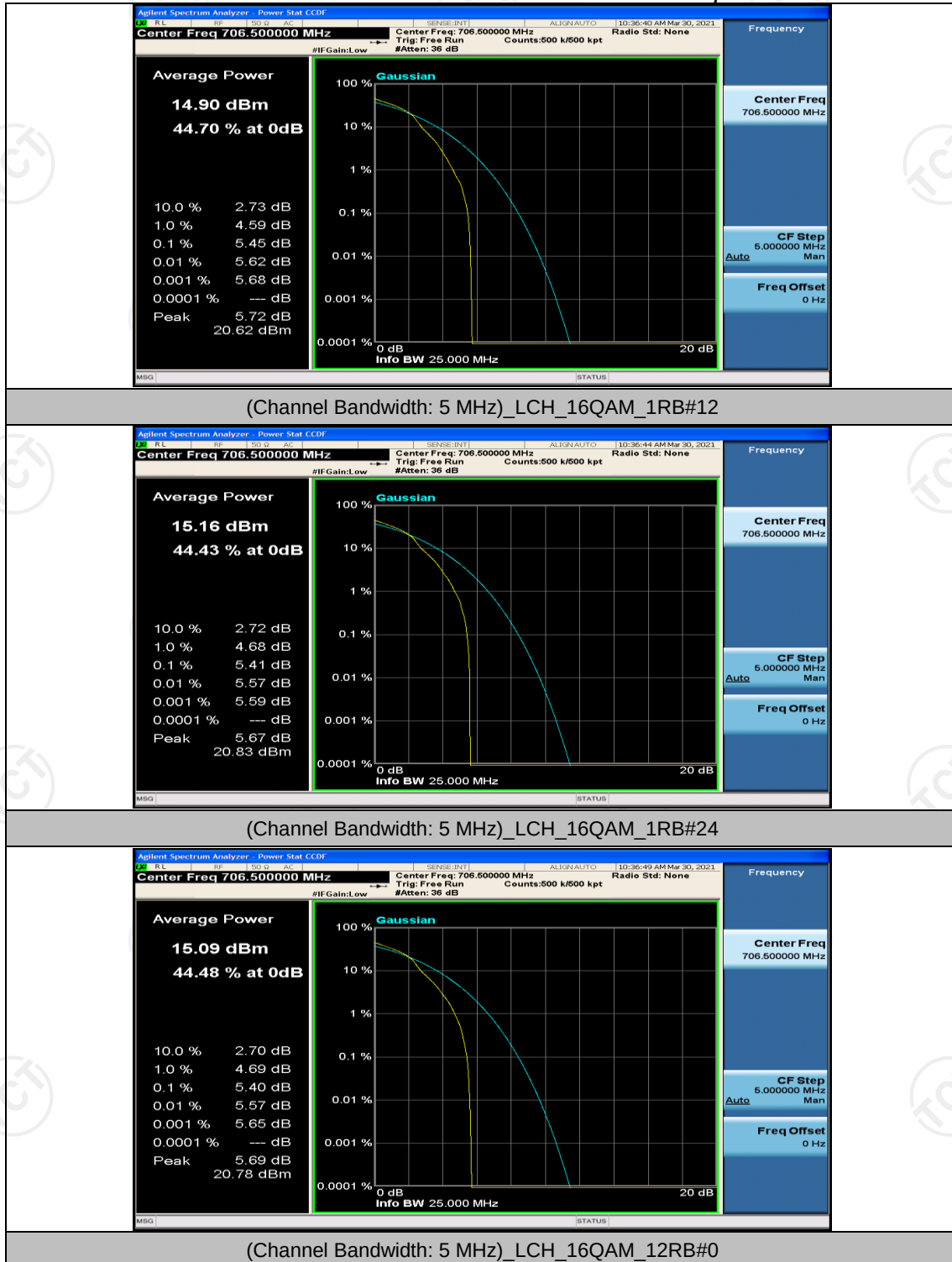


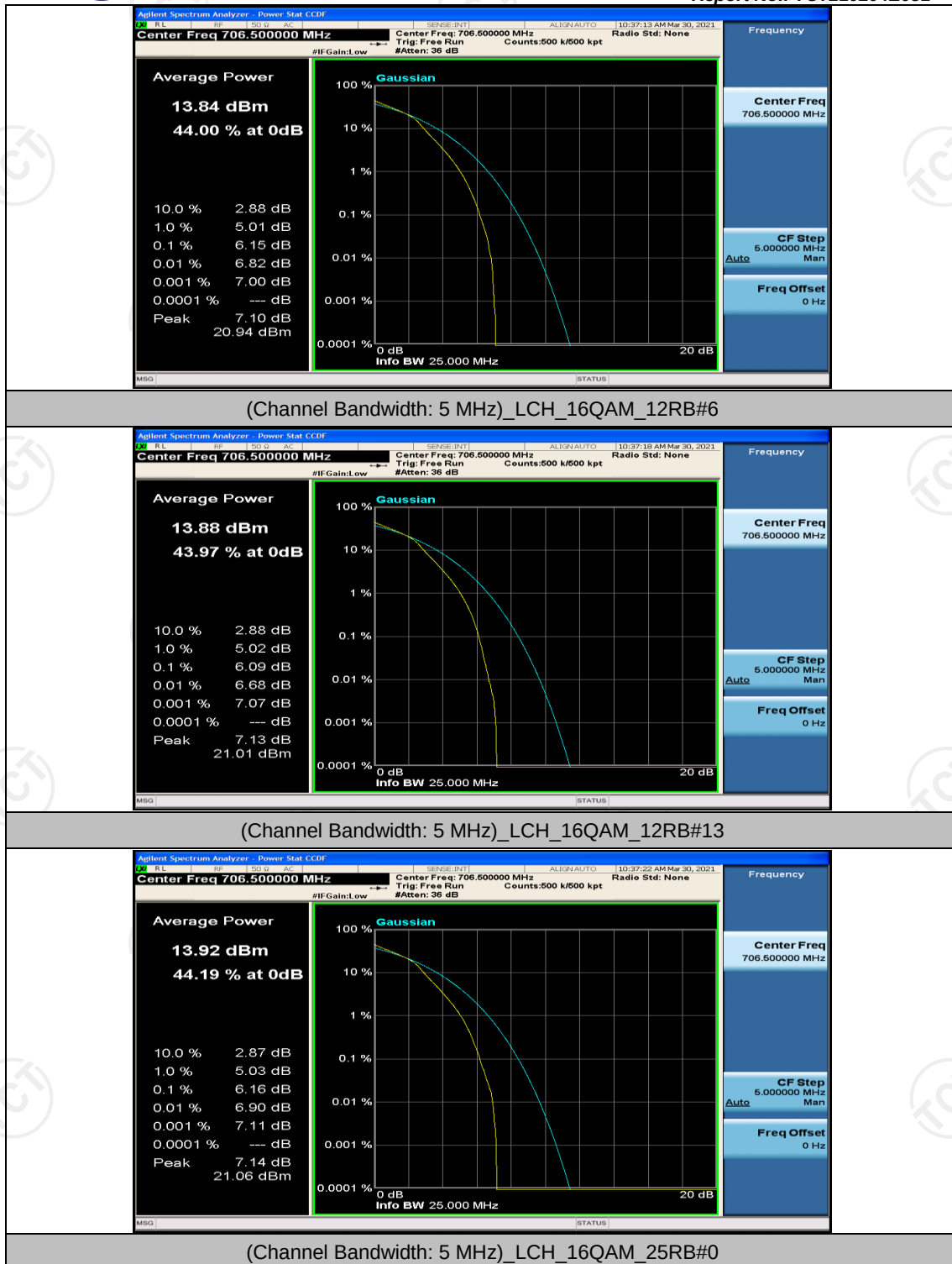


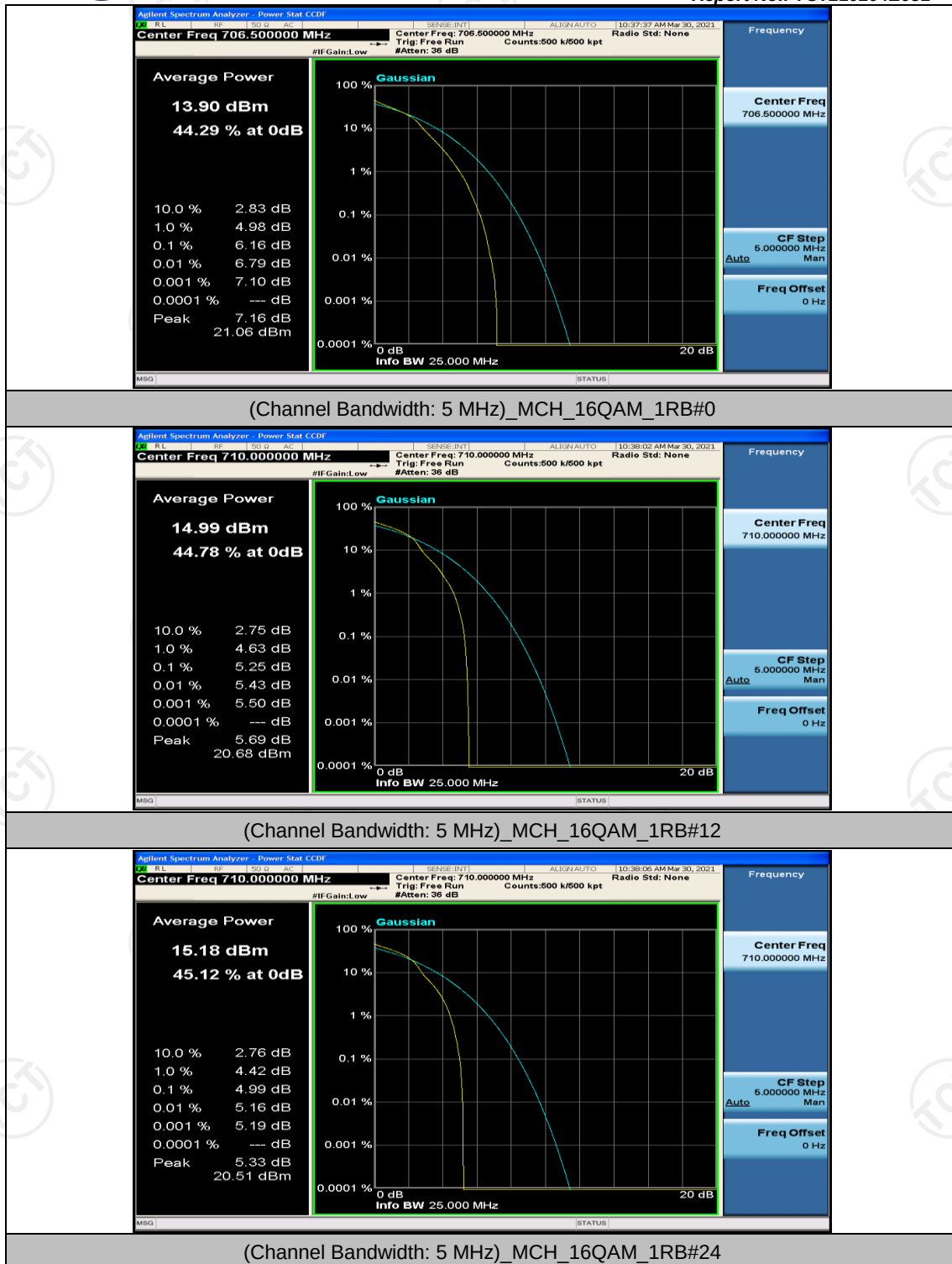


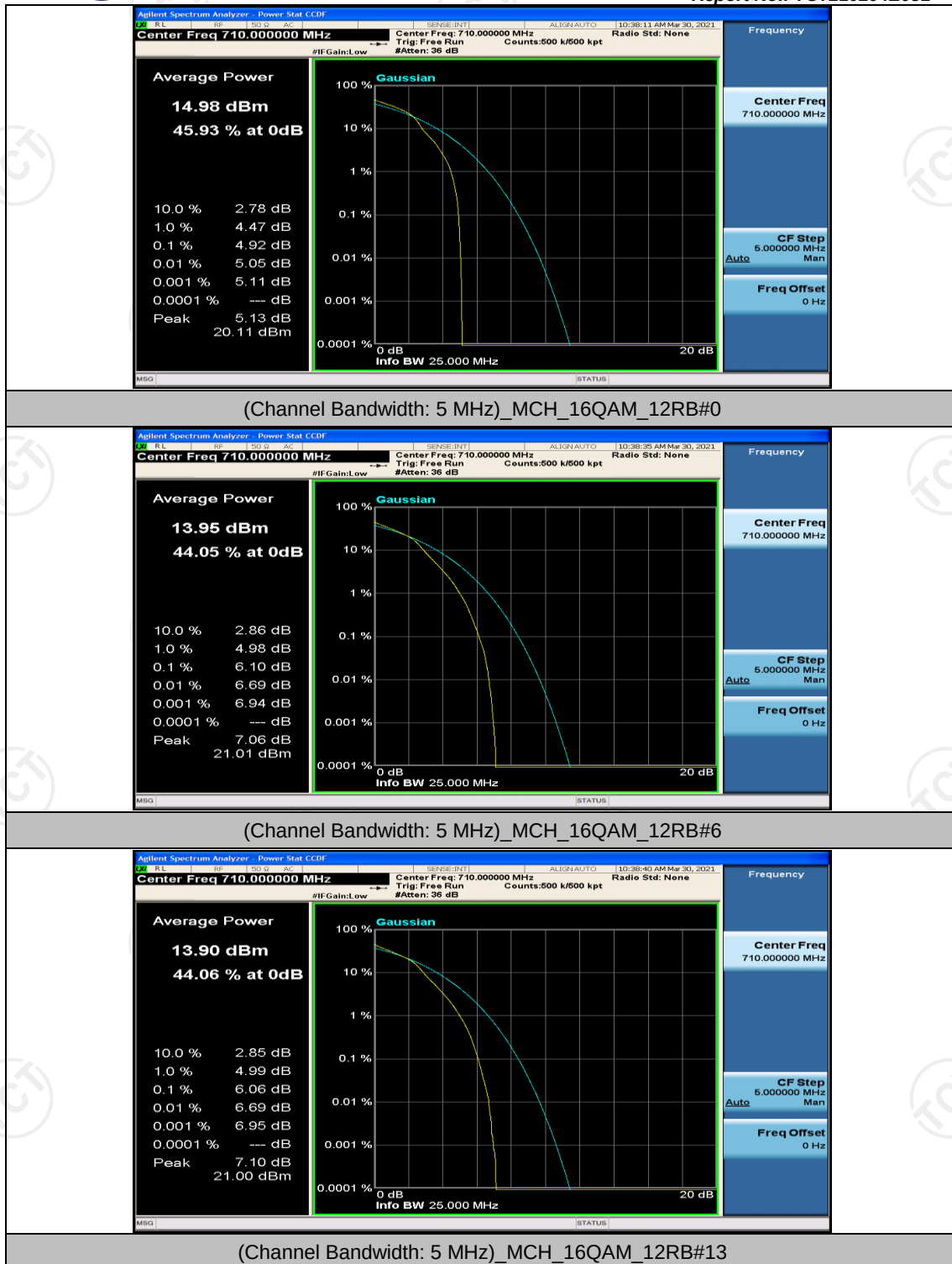


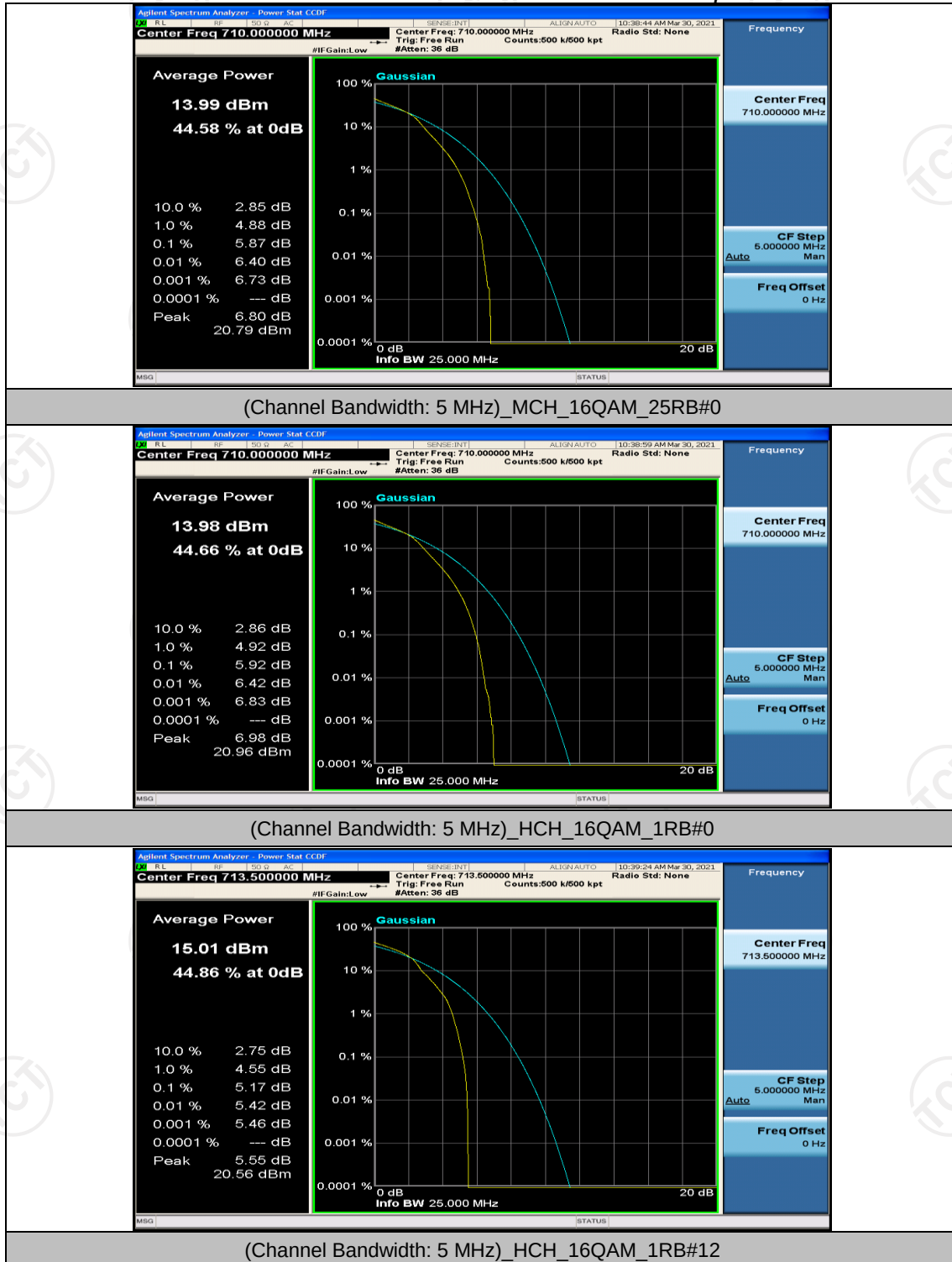


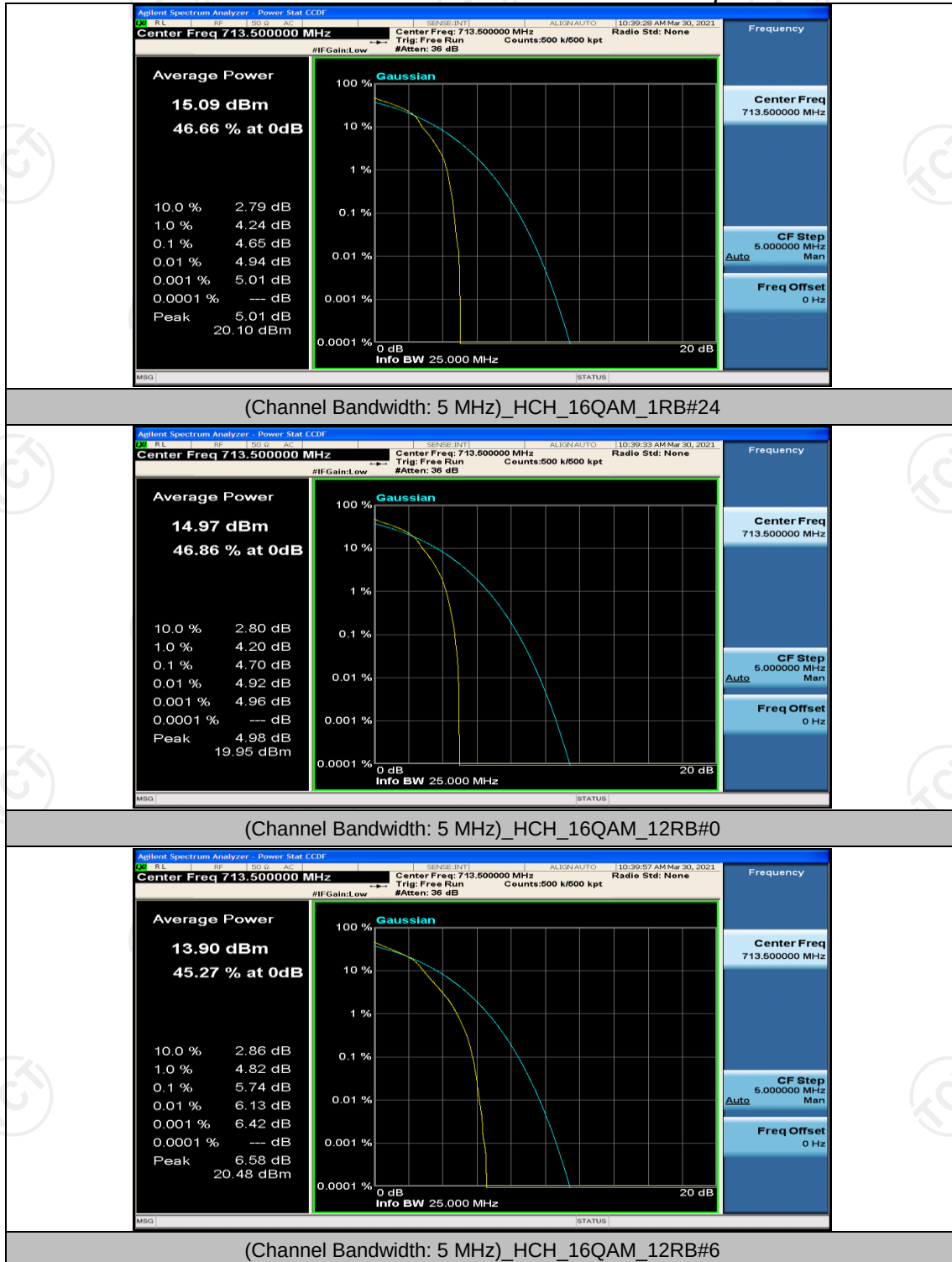


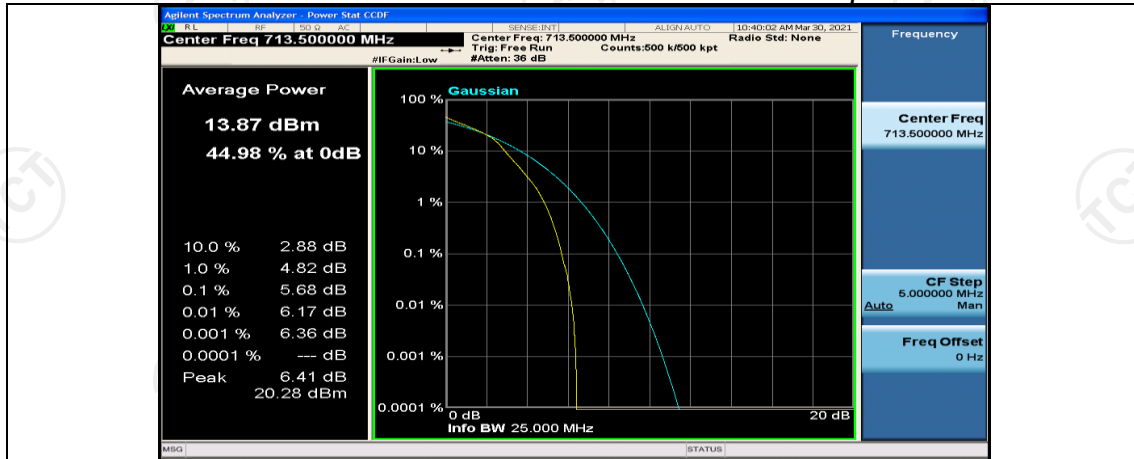




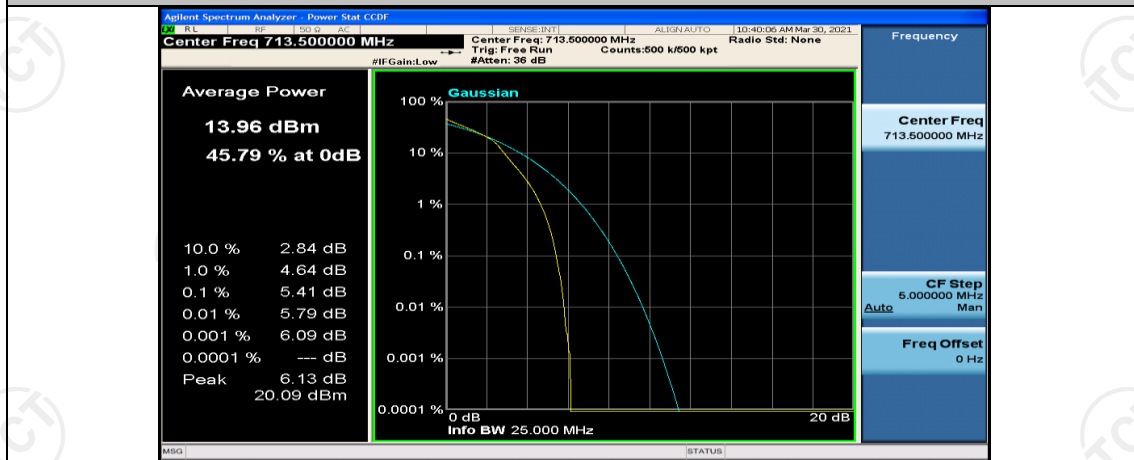




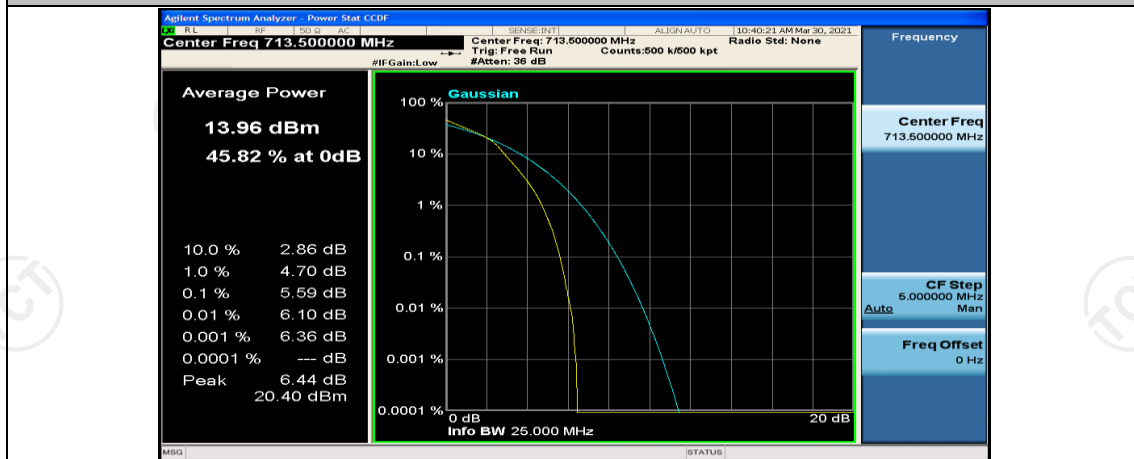




(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

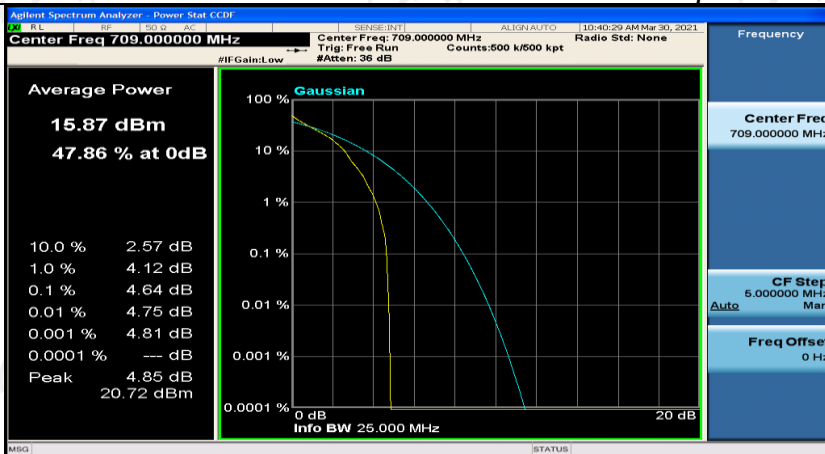


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

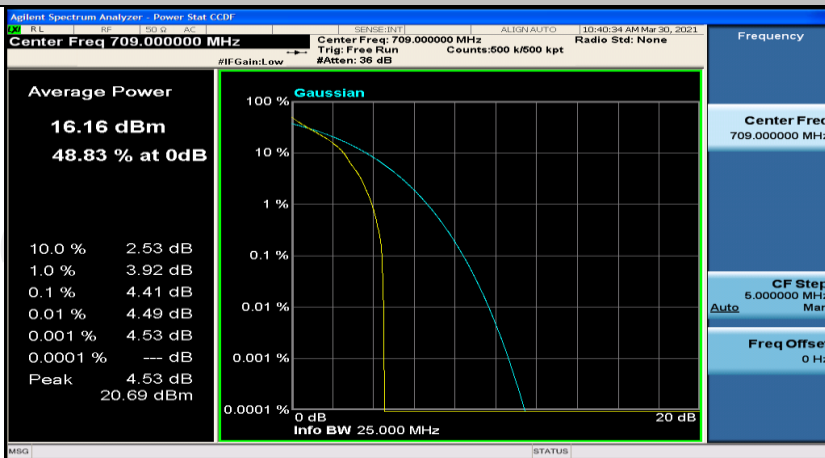


Channel Bandwidth: 10 MHz

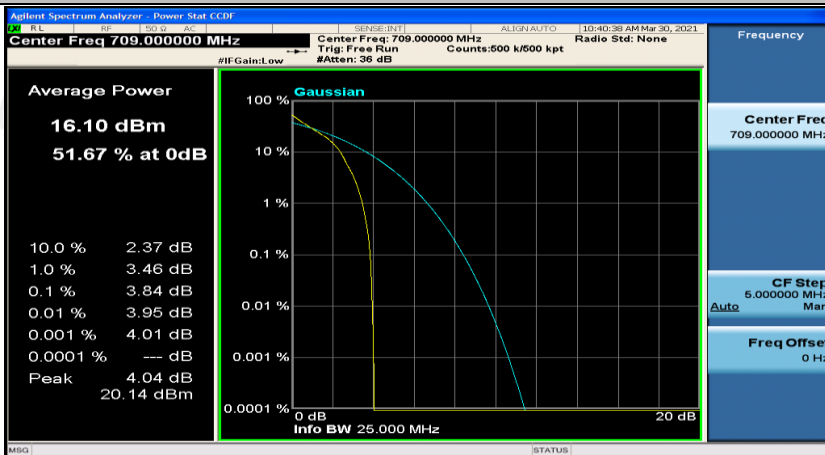
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0



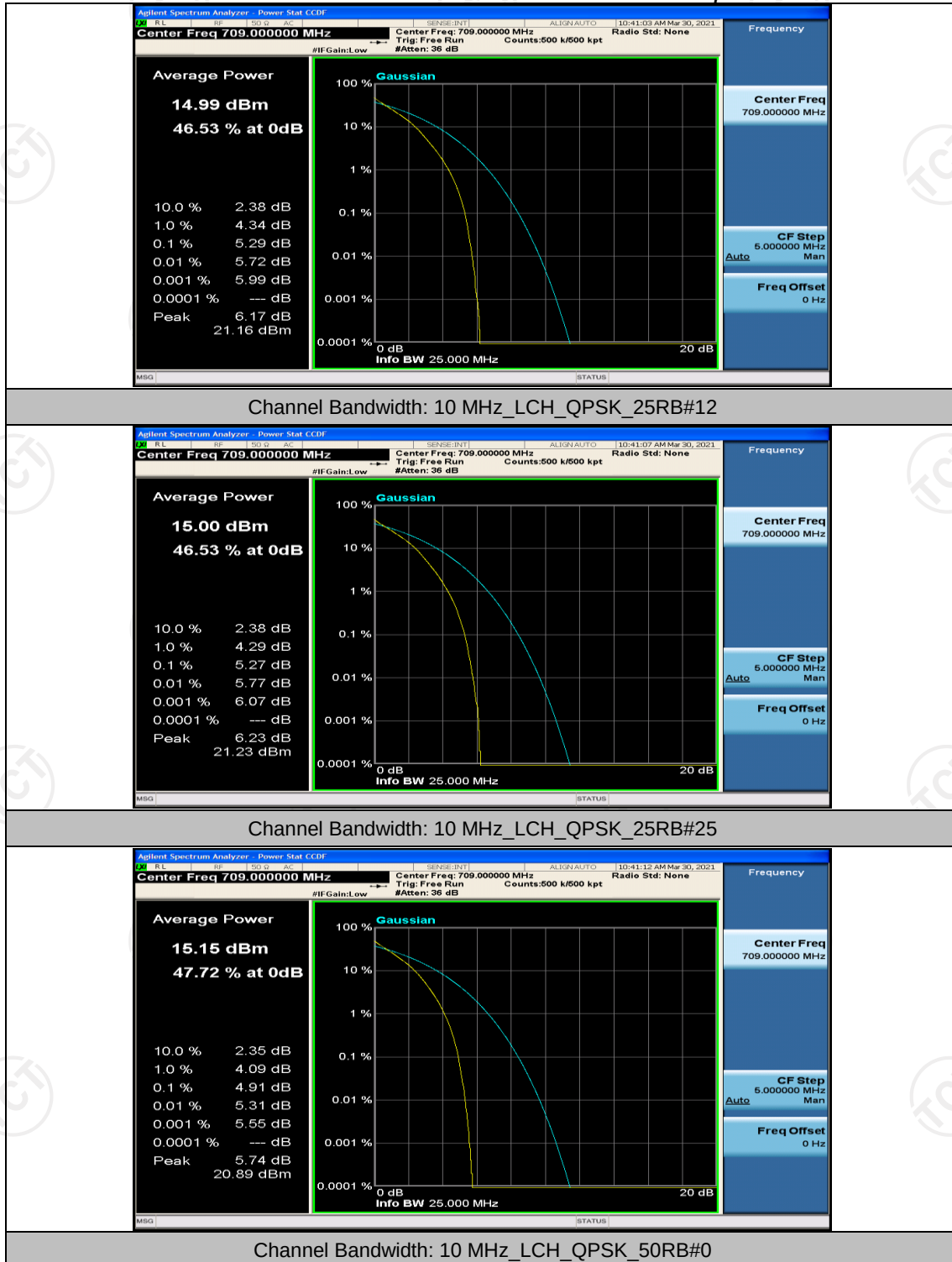
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24

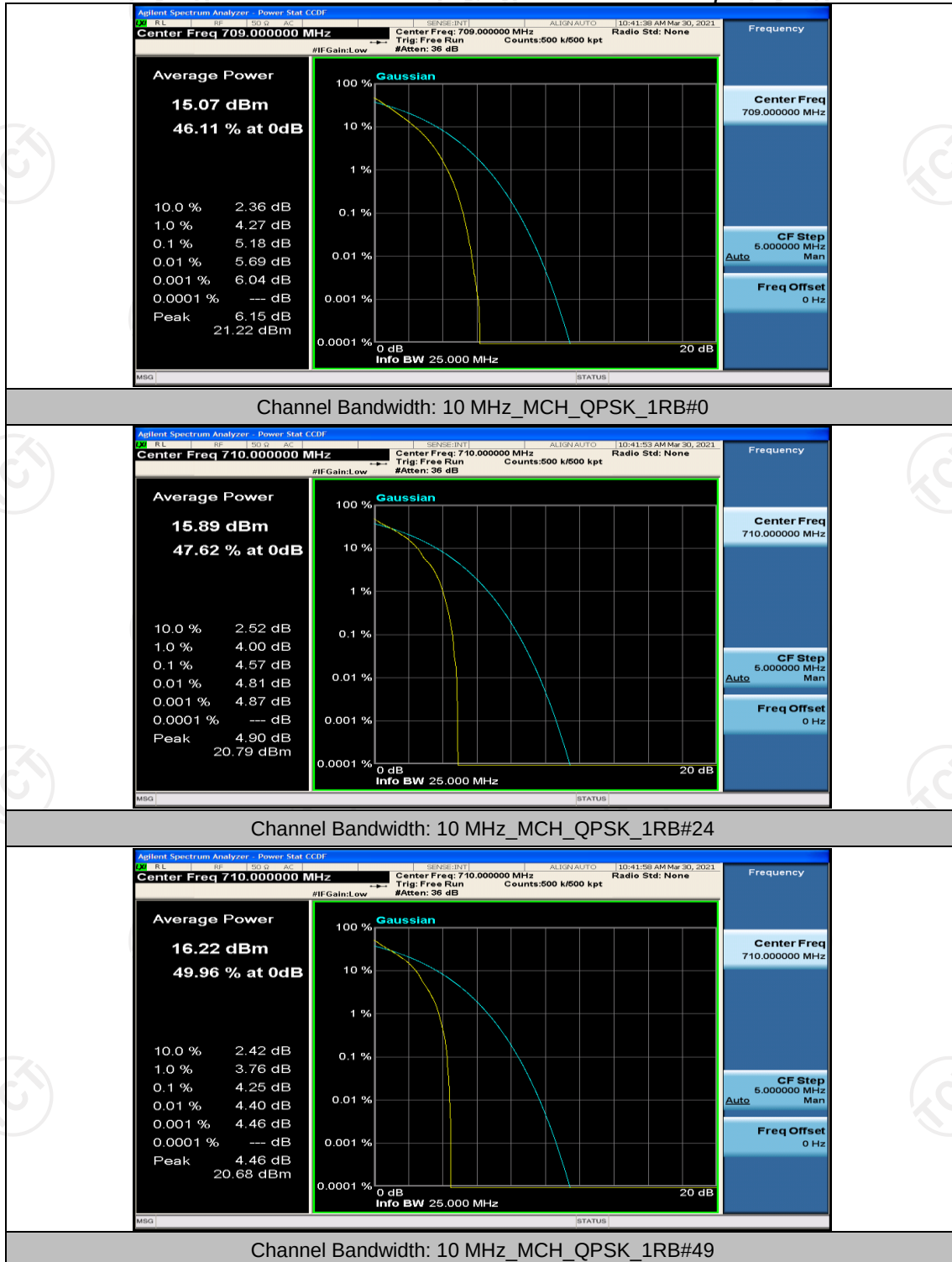


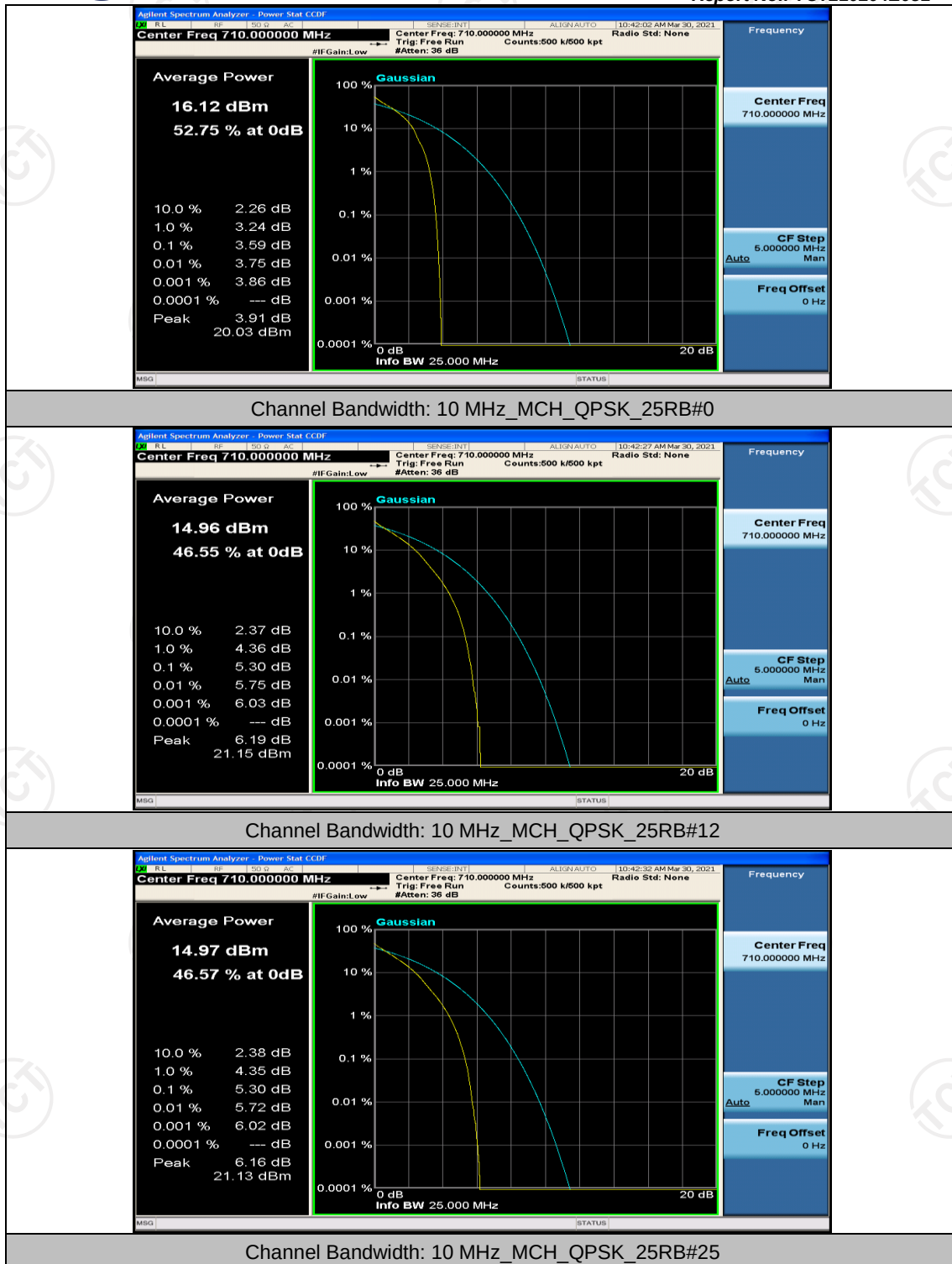
Channel Bandwidth: 10 MHz LCH QPSK 1RB#49

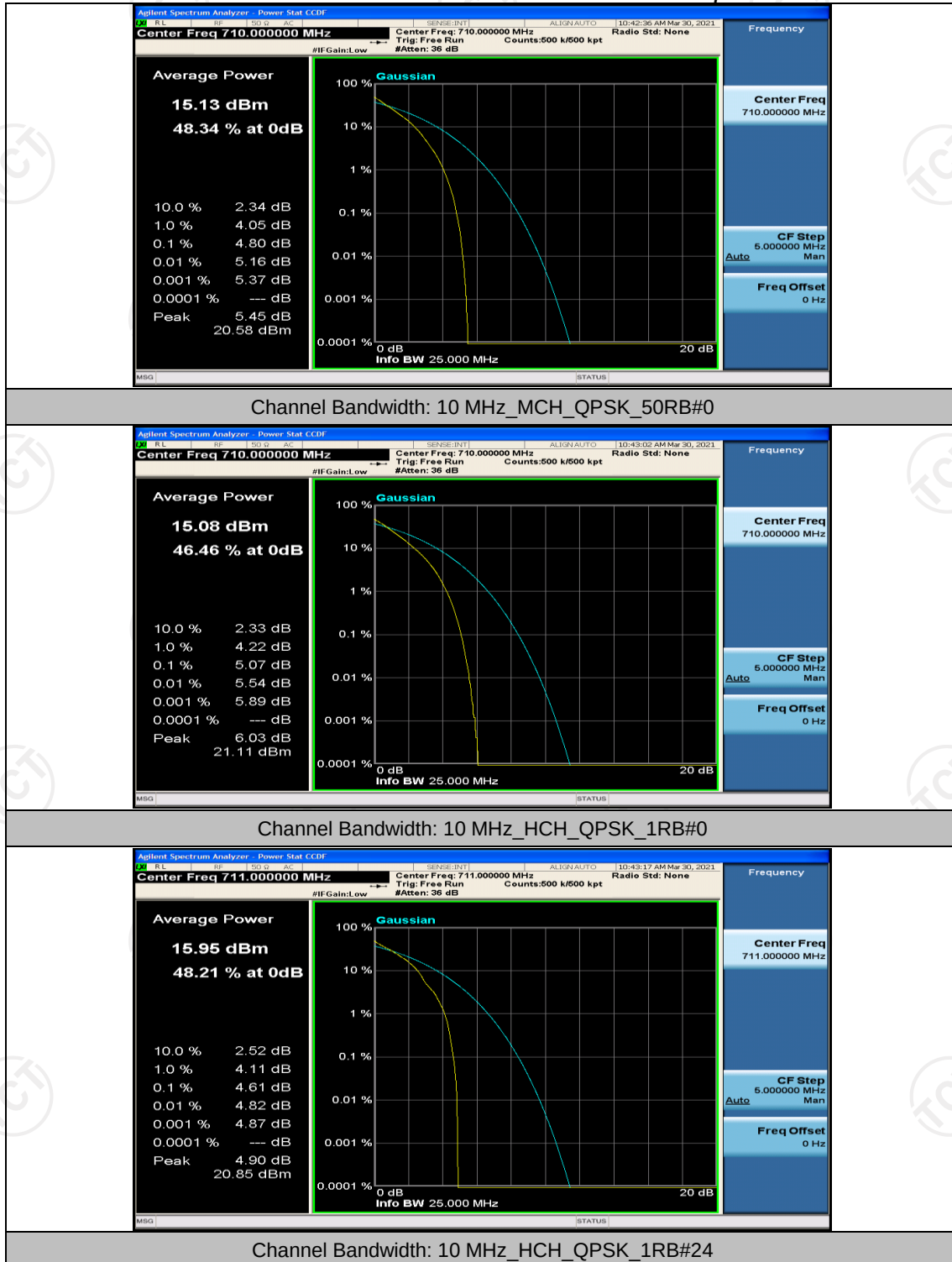


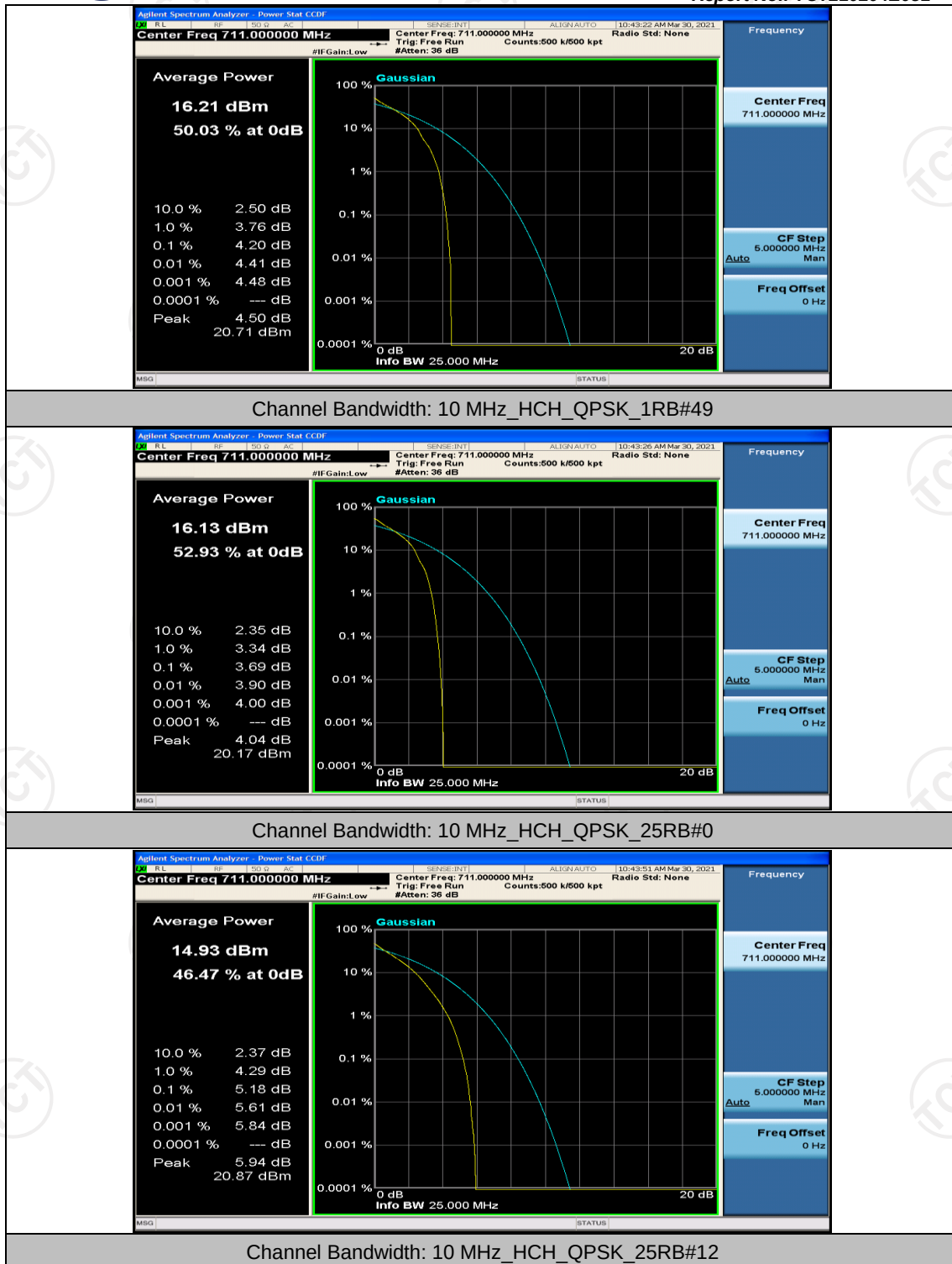
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0

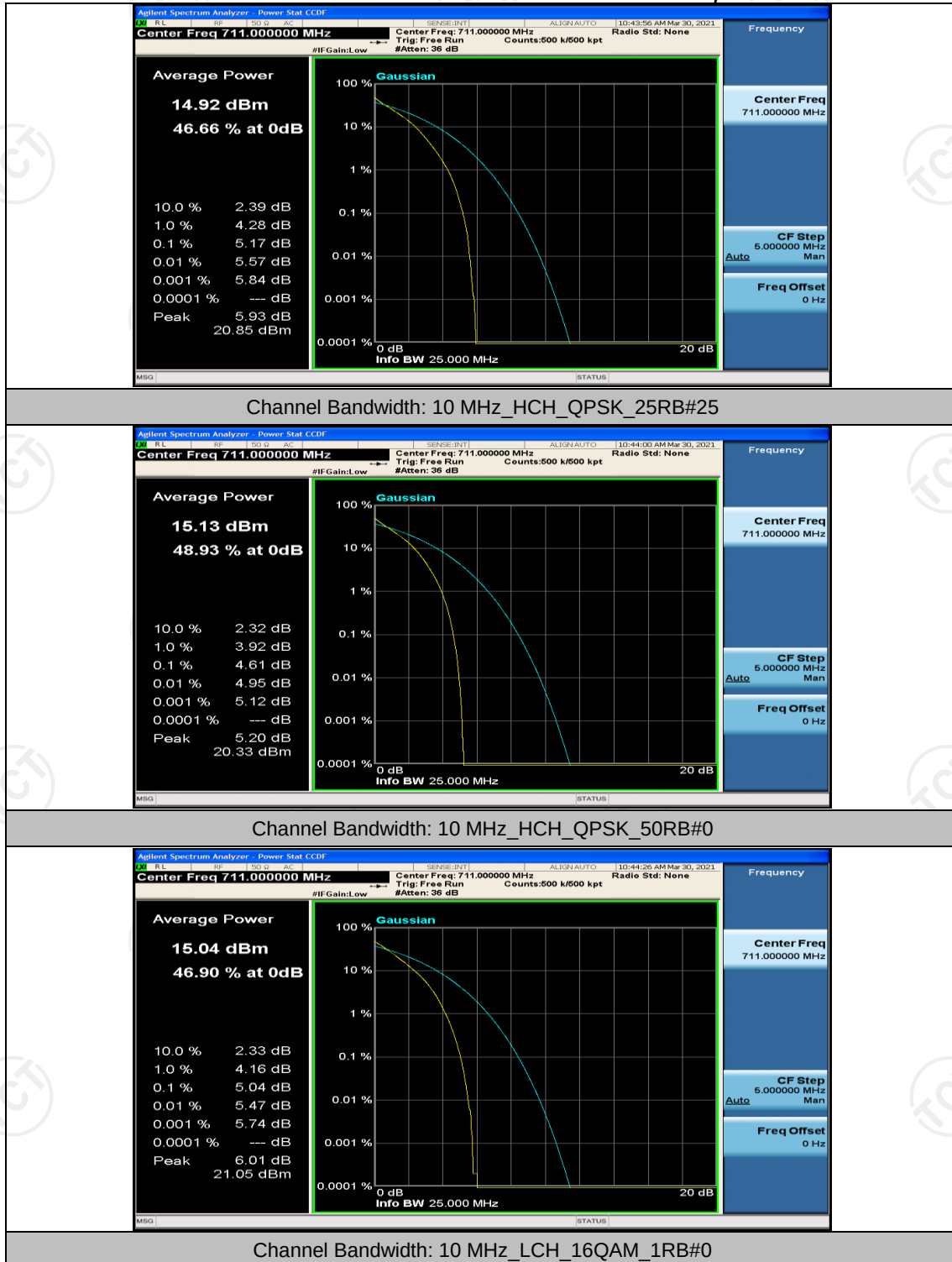


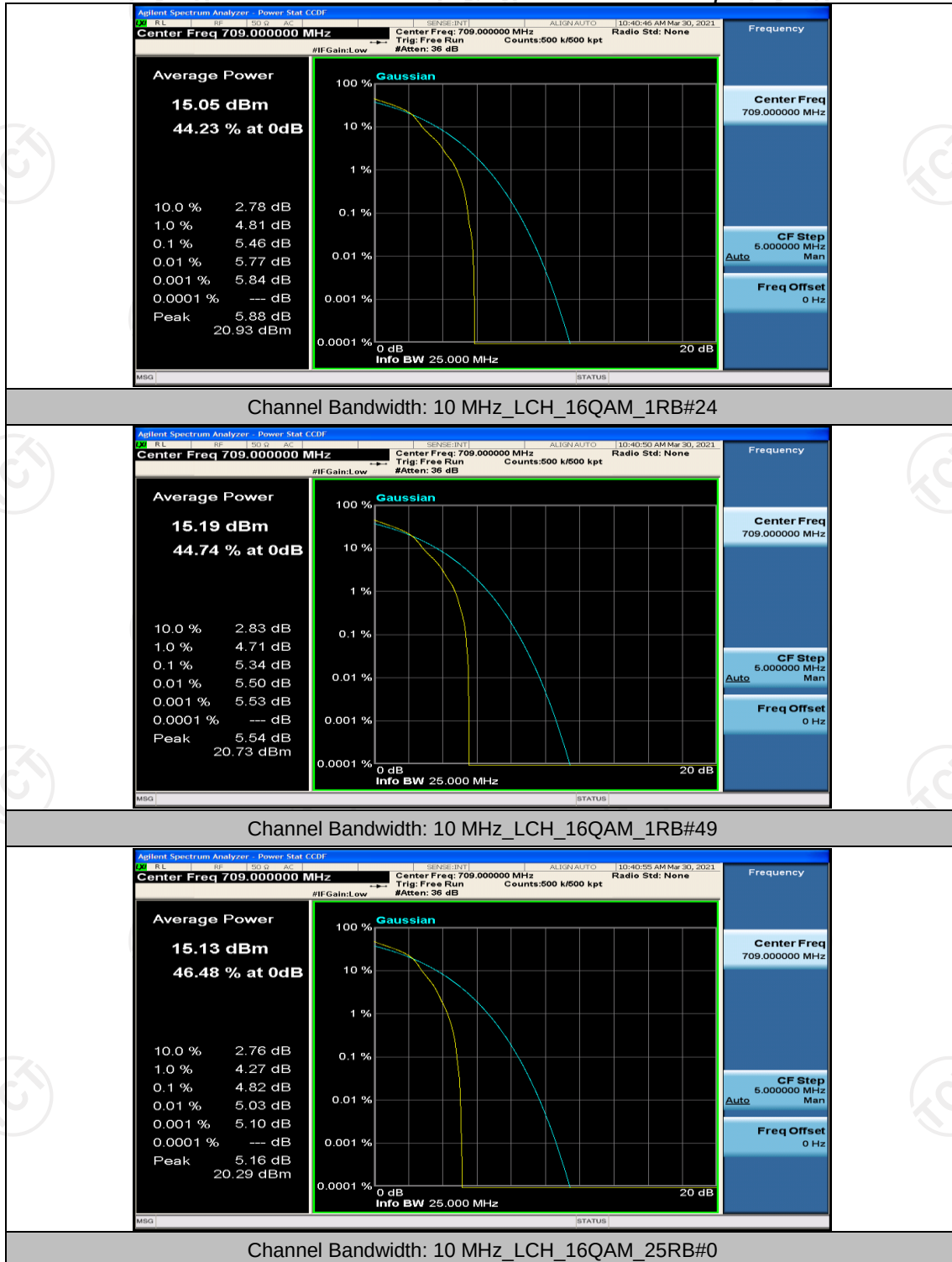


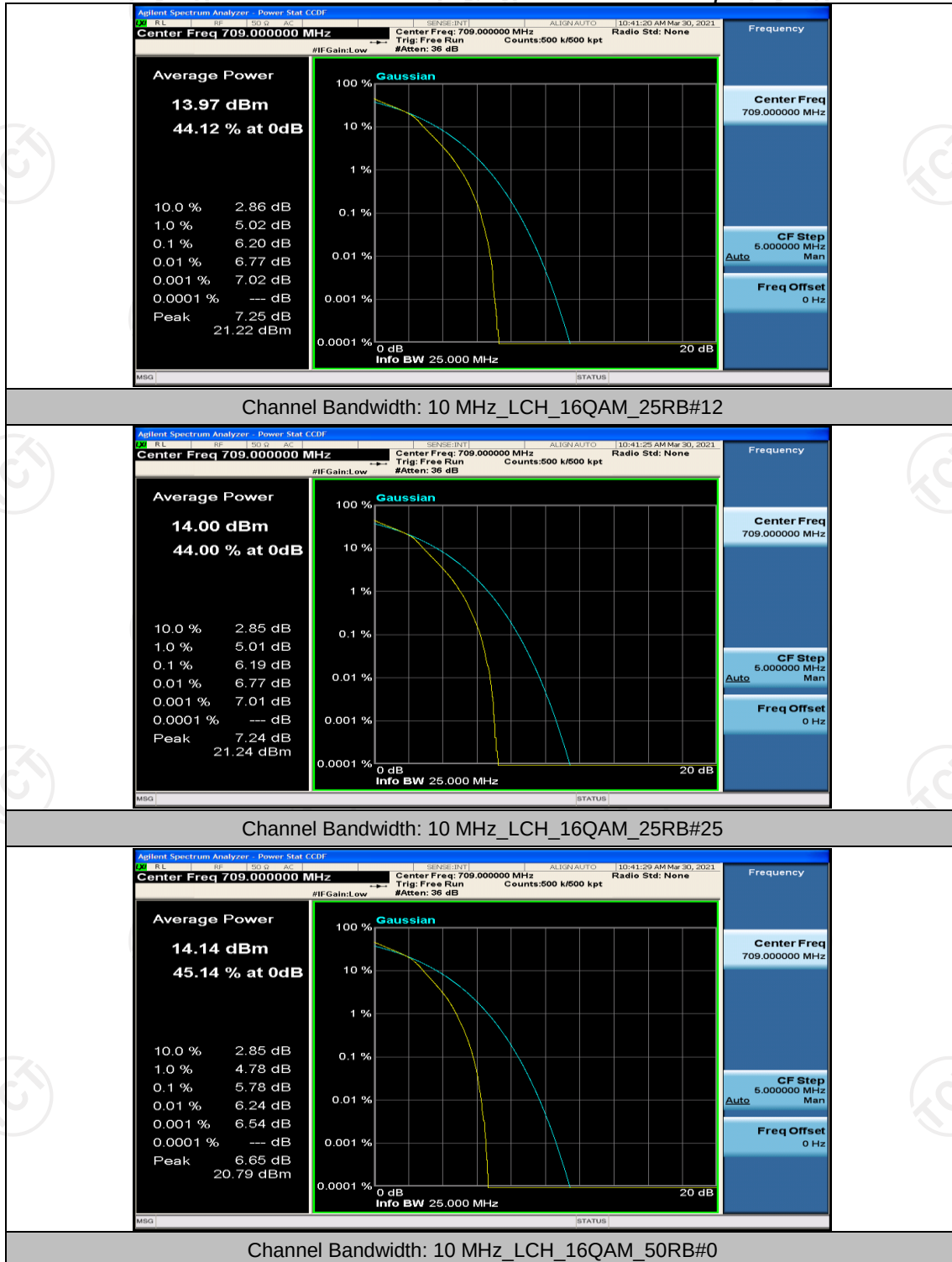


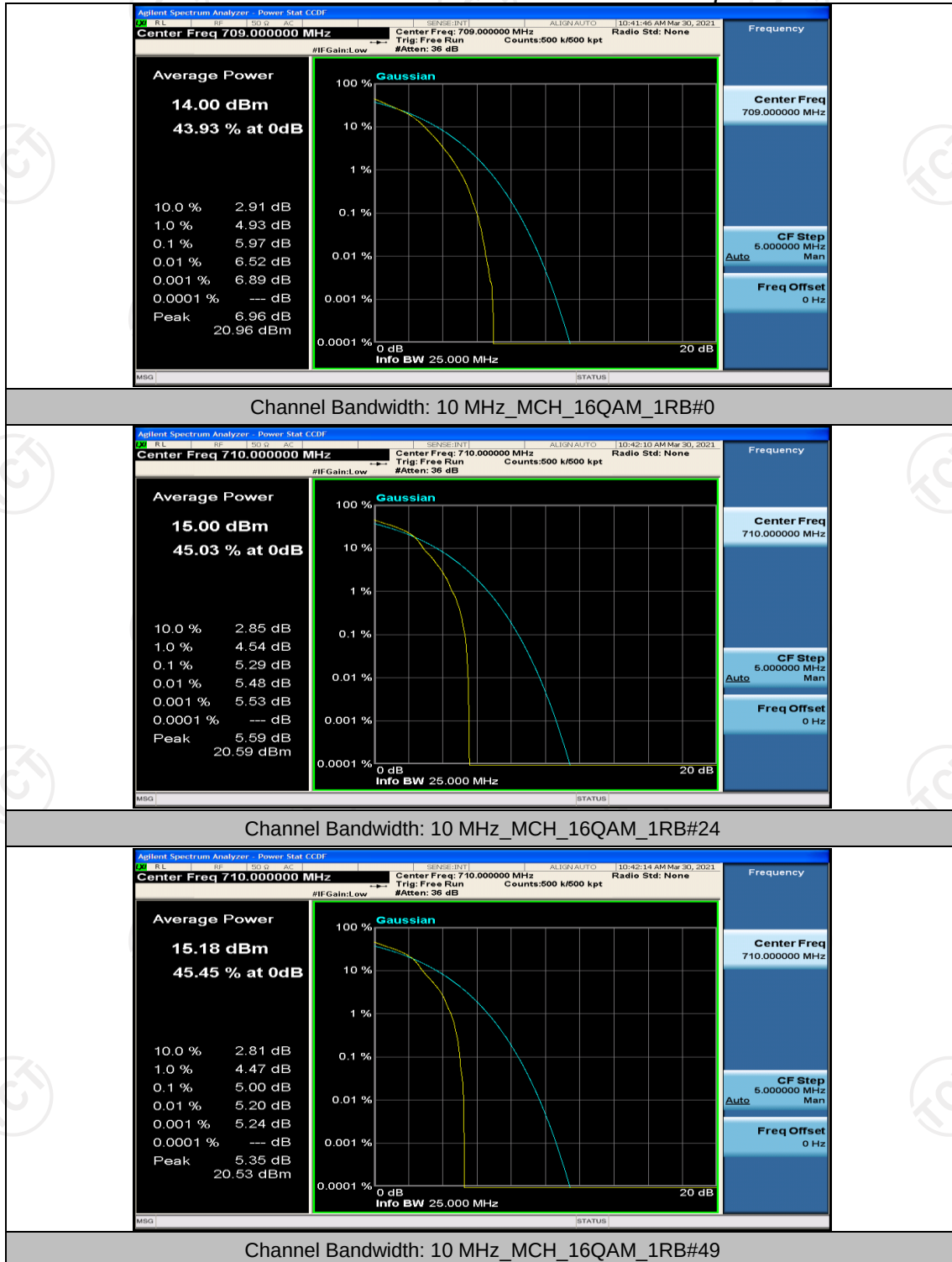


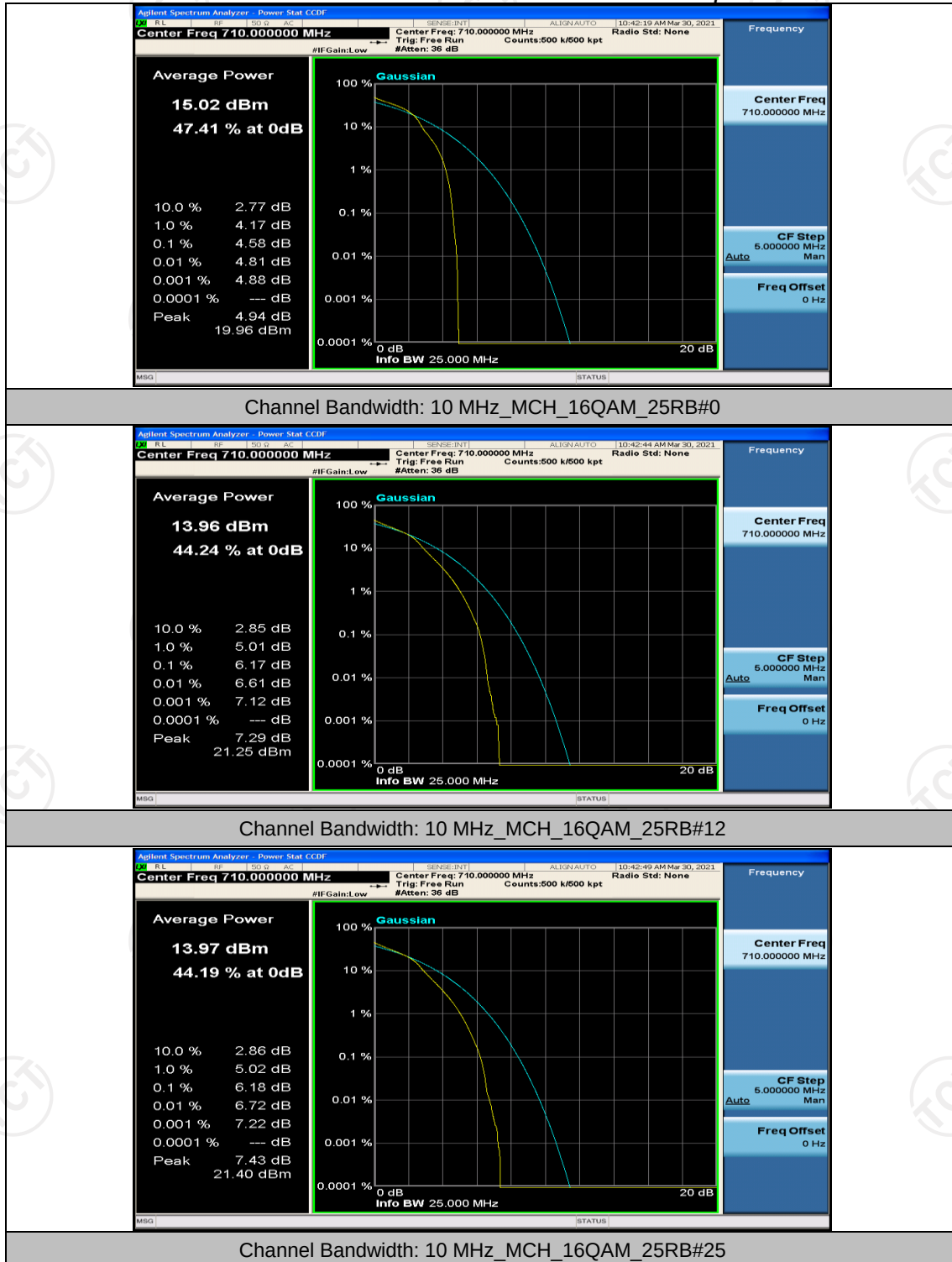


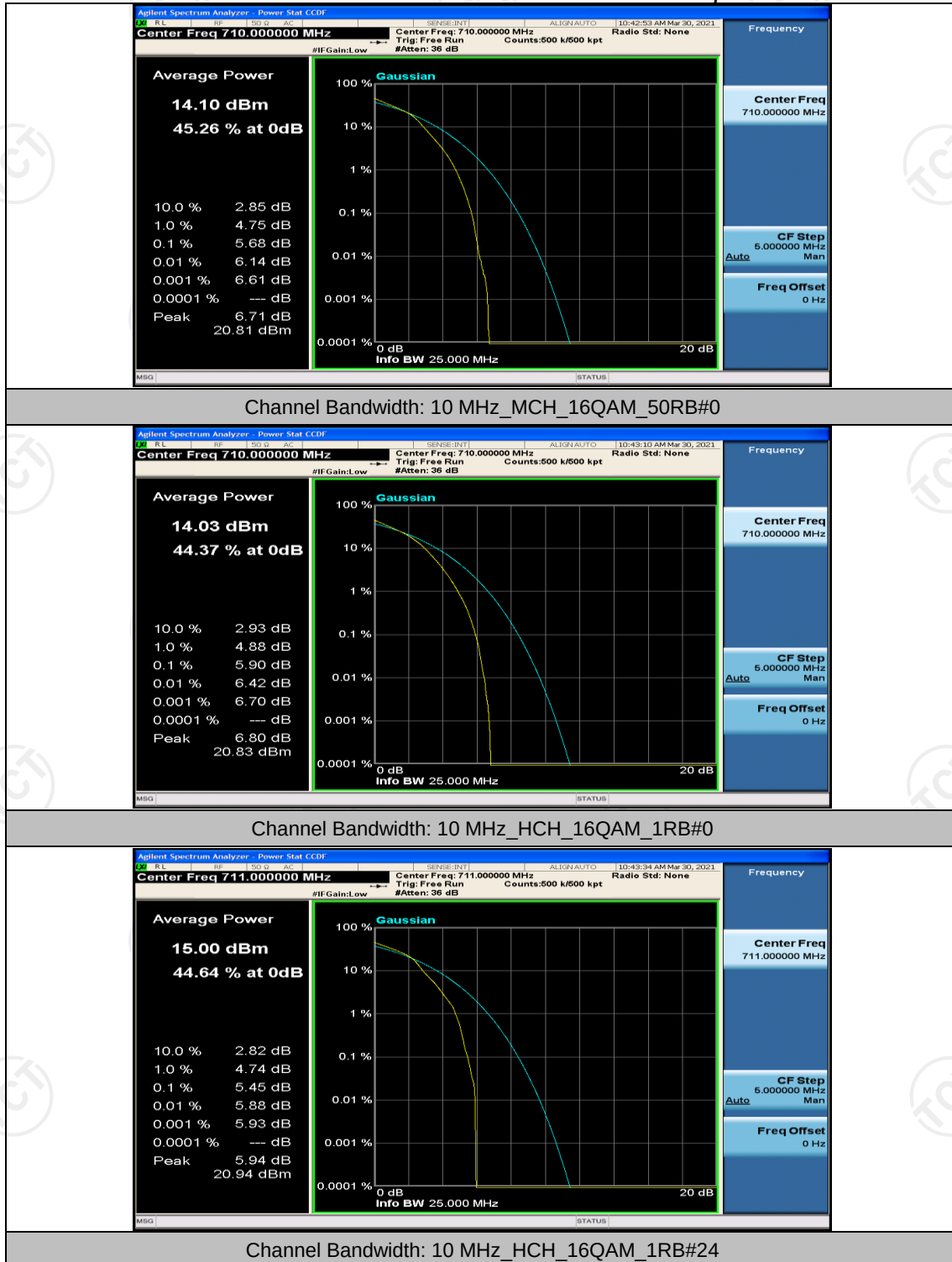


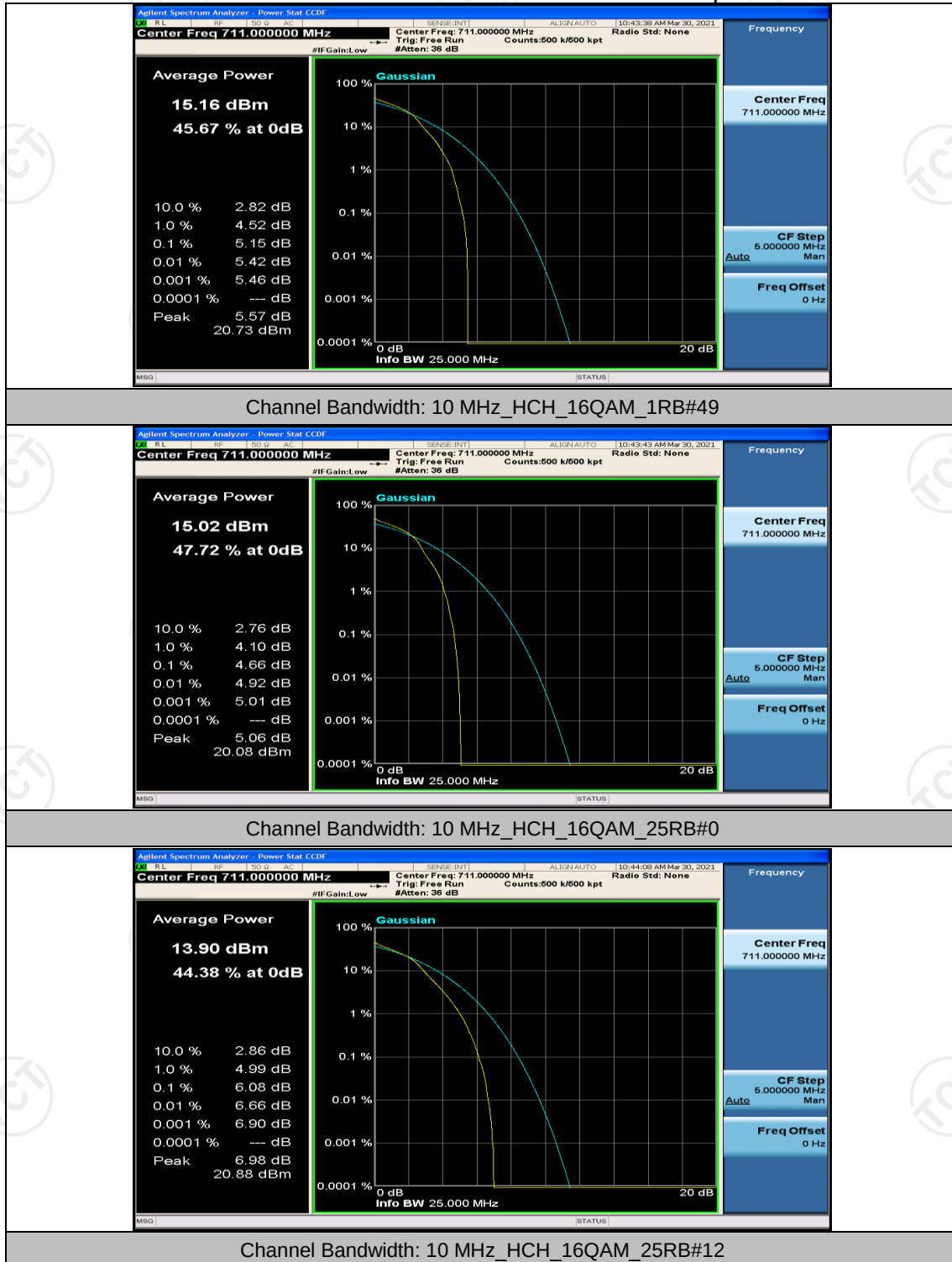


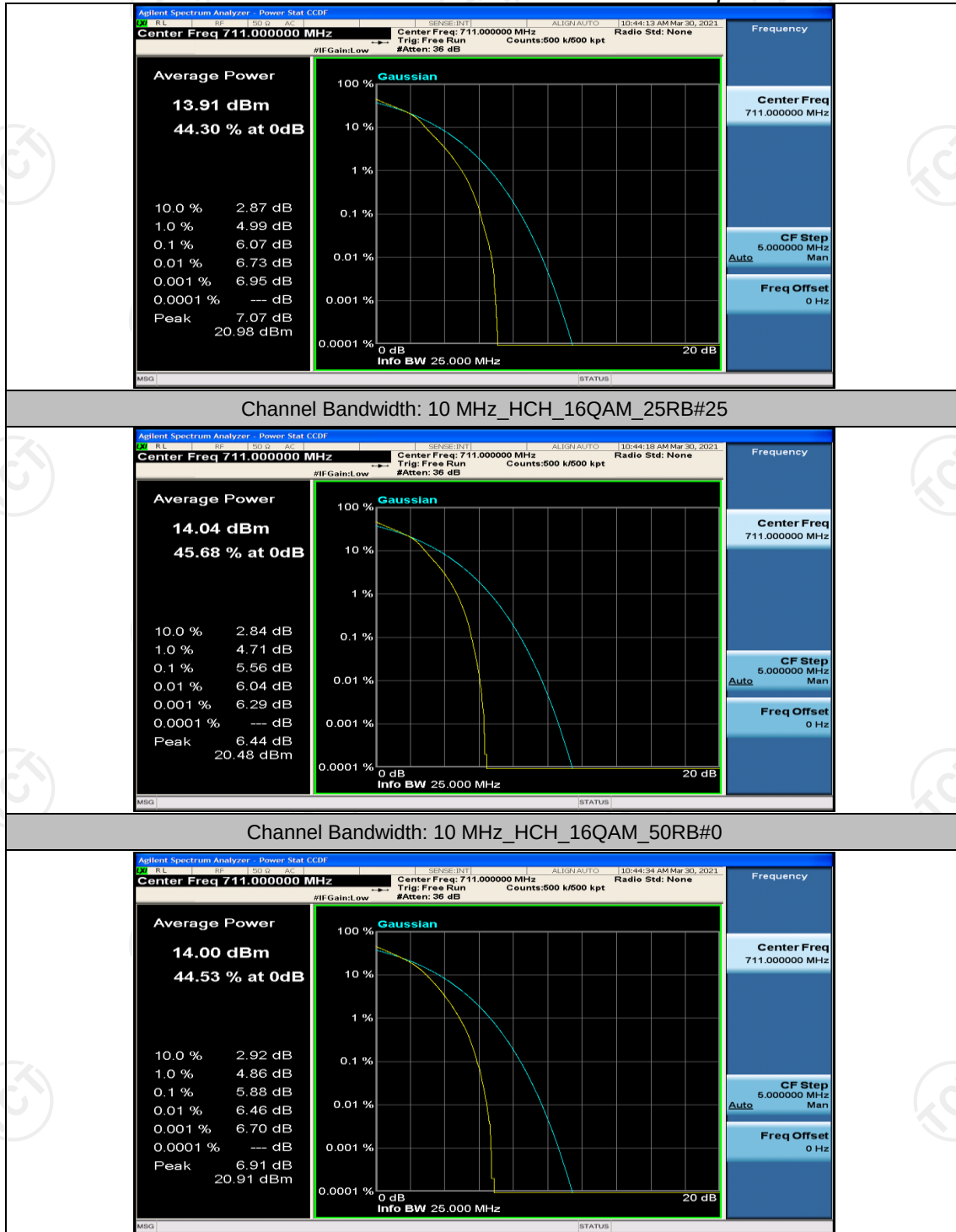












Appendix C: 26dB Bandwidth and Occupied Bandwidth

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	4.4748	4.903	PASS
	MCH	25	0	4.4840	4.854	PASS
	HCH	25	0	4.4767	4.901	PASS
16QAM	LCH	25	0	4.4752	4.918	PASS
	MCH	25	0	4.4826	4.868	PASS
	HCH	25	0	4.4723	4.916	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	8.9541	9.510	PASS
	MCH	50	0	8.9515	9.492	PASS
	HCH	50	0	8.9267	9.402	PASS
16QAM	LCH	50	0	8.9396	9.466	PASS
	MCH	50	0	8.9472	9.485	PASS
	HCH	50	0	8.9364	9.440	PASS

Test Graphs

Channel Bandwidth: 5 MHz

