

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	23.77	22.94	PASS
		1	12	23.80	22.97	PASS
		1	24	23.70	22.87	PASS
		12	0	22.61	21.78	PASS
		12	6	22.61	21.78	PASS
		12	13	22.71	21.88	PASS
		25	0	22.71	21.88	PASS
	MCH	1	0	23.78	22.95	PASS
		1	12	23.85	23.02	PASS
		1	24	23.73	22.90	PASS
		12	0	22.60	21.77	PASS
		12	6	22.59	21.76	PASS
		12	13	22.62	21.79	PASS
		25	0	22.59	21.76	PASS
	HCH	1	0	23.71	22.88	PASS
		1	12	23.80	22.97	PASS
		1	24	23.66	22.83	PASS
		12	0	22.70	21.87	PASS
		12	6	22.68	21.85	PASS
		12	13	22.52	21.69	PASS
		25	0	22.59	21.76	PASS
16QAM	LCH	1	0	22.82	21.99	PASS
		1	12	22.83	22.00	PASS
		1	24	22.66	21.83	PASS
		12	0	21.70	20.87	PASS
		12	6	21.68	20.85	PASS
		12	13	21.80	20.97	PASS
		25	0	21.69	20.86	PASS
	MCH	1	0	22.66	21.83	PASS
		1	12	22.67	21.84	PASS
		1	24	22.51	21.68	PASS
		12	0	21.56	20.73	PASS

		12	6	21.61	20.78	PASS
		12	13	21.63	20.80	PASS
		25	0	21.62	20.79	PASS
	HCH	1	0	22.50	21.67	PASS
		1	12	22.60	21.77	PASS
		1	24	22.57	21.74	PASS
		12	0	21.65	20.82	PASS
		12	6	21.65	20.82	PASS
		12	13	21.44	20.61	PASS
		25	0	21.62	20.79	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	23.76	22.93	PASS
		1	24	23.85	23.02	PASS
		1	49	23.60	22.77	PASS
		25	0	22.57	21.74	PASS
		25	12	22.56	21.73	PASS
		25	25	22.45	21.62	PASS
		50	0	22.52	21.69	PASS
	MCH	1	0	23.71	22.88	PASS
		1	24	23.85	23.02	PASS
		1	49	23.66	22.83	PASS
		25	0	22.56	21.73	PASS
		25	12	22.57	21.74	PASS
		25	25	22.48	21.65	PASS
		50	0	22.51	21.68	PASS
	HCH	1	0	23.73	22.90	PASS
		1	24	23.78	22.95	PASS
		1	49	23.64	22.81	PASS
		25	0	22.57	21.74	PASS
		25	12	22.56	21.73	PASS
		25	25	22.46	21.63	PASS
		50	0	22.51	21.68	PASS
16QAM	LCH	1	0	22.82	21.99	PASS
		1	24	22.79	21.96	PASS
		1	49	22.71	21.88	PASS
		25	0	21.54	20.71	PASS
		25	12	21.53	20.70	PASS

		25	25	21.42	20.59	PASS
		50	0	21.49	20.66	PASS
	MCH	1	0	22.85	22.02	PASS
		1	24	22.74	21.91	PASS
		1	49	22.70	21.87	PASS
		25	0	21.53	20.70	PASS
		25	12	21.52	20.69	PASS
		25	25	21.43	20.60	PASS
		50	0	21.49	20.66	PASS
	HCH	1	0	22.86	22.03	PASS
		1	24	22.78	21.95	PASS
		1	49	22.74	21.91	PASS
		25	0	21.55	20.72	PASS
		25	12	21.54	20.71	PASS
		25	25	21.45	20.62	PASS
		50	0	21.50	20.67	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	4.05	<13	PASS
		1	12	3.57	<13	PASS
		1	24	2.75	<13	PASS
		12	0	4.53	<13	PASS
		12	6	4.55	<13	PASS
		12	13	3.76	<13	PASS
		25	0	4.15	<13	PASS
	MCH	1	0	3.61	<13	PASS
		1	12	2.52	<13	PASS
		1	24	2.67	<13	PASS
		12	0	3.86	<13	PASS
		12	6	3.84	<13	PASS
		12	13	3.42	<13	PASS
		25	0	3.65	<13	PASS
	HCH	1	0	2.71	<13	PASS
		1	12	2.8	<13	PASS
		1	24	3.71	<13	PASS
		12	0	3.3	<13	PASS
		12	6	3.29	<13	PASS
		12	13	3.97	<13	PASS
		25	0	3.67	<13	PASS
16QAM	LCH	1	0	4.79	<13	PASS
		1	12	4.36	<13	PASS
		1	24	3.69	<13	PASS
		12	0	5.39	<13	PASS
		12	6	5.37	<13	PASS
		12	13	4.65	<13	PASS
		25	0	5.01	<13	PASS
	MCH	1	0	4.14	<13	PASS
		1	12	3.41	<13	PASS
		1	24	3.45	<13	PASS

		12	0	4.64	<13	PASS
		12	6	4.67	<13	PASS
		12	13	4.22	<13	PASS
		25	0	4.54	<13	PASS
	HCH	1	0	3.67	<13	PASS
		1	12	3.73	<13	PASS
		1	24	4.56	<13	PASS
		12	0	4.23	<13	PASS
		12	6	4.2	<13	PASS
		12	13	4.84	<13	PASS
		25	0	4.5	<13	PASS

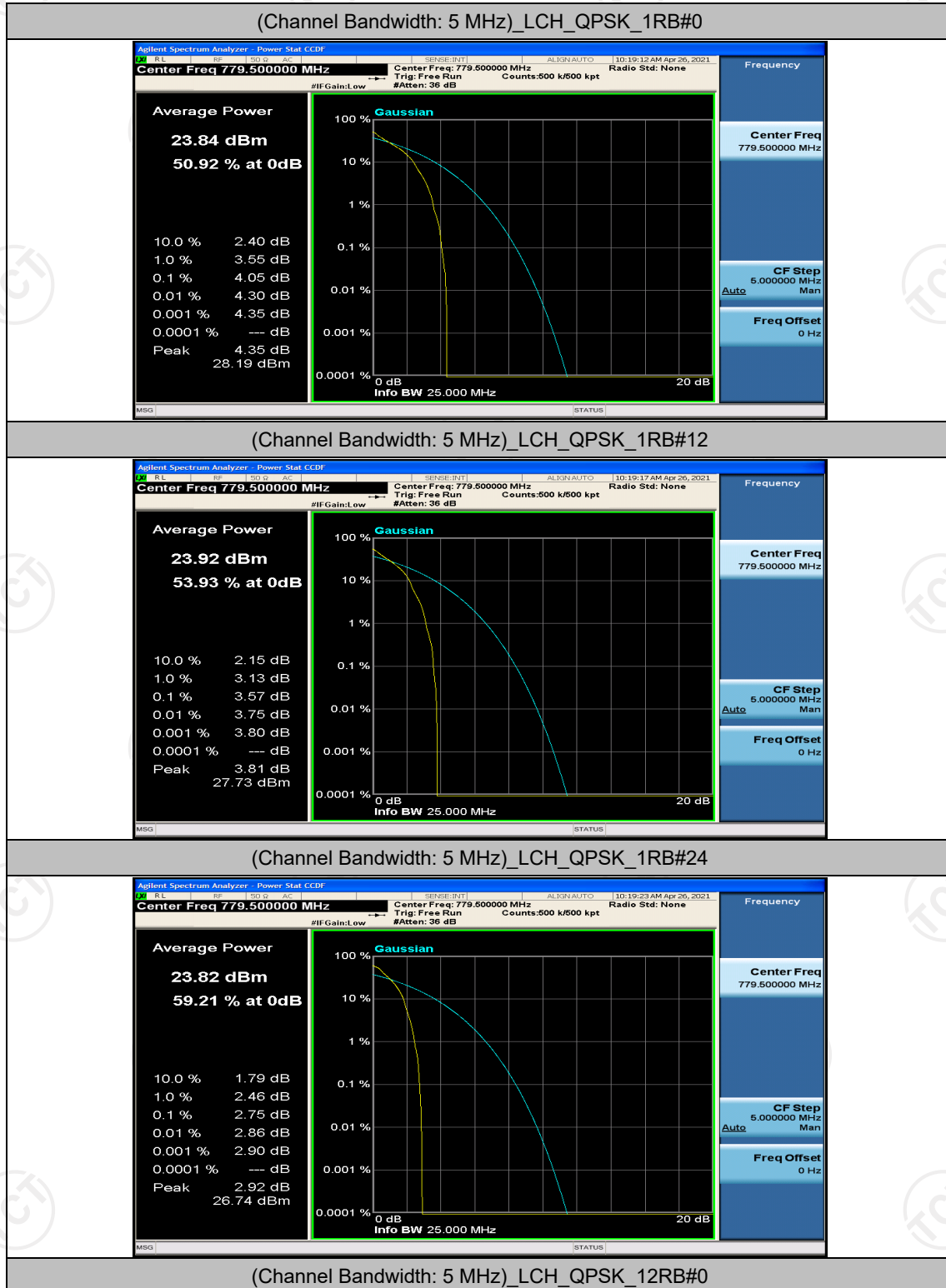
Channel Bandwidth: 10 MHz

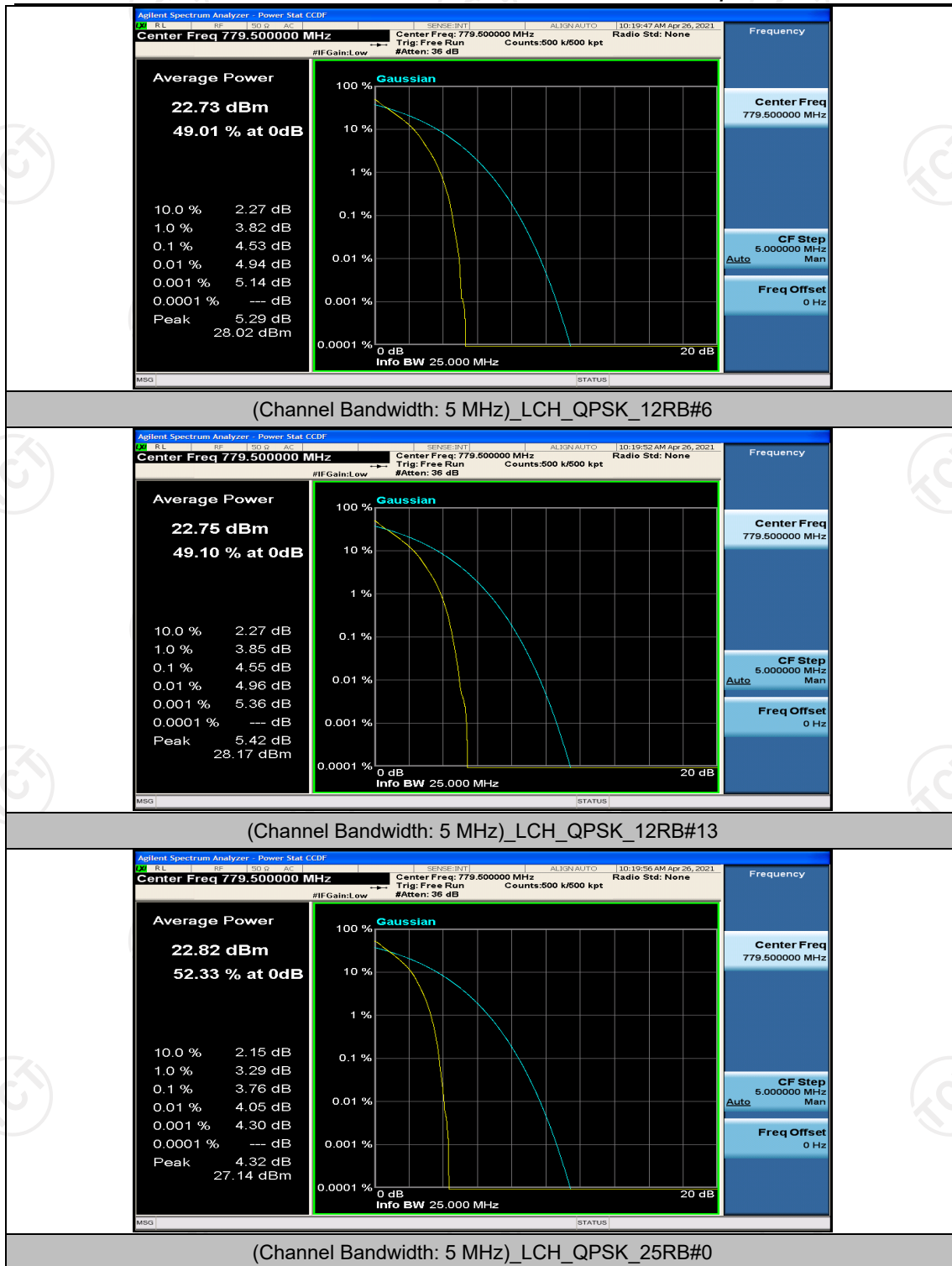
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.98	<13	PASS
		1	24	2.43	<13	PASS
		1	49	3.49	<13	PASS
		25	0	4.19	<13	PASS
		25	12	4.17	<13	PASS
		25	25	3.67	<13	PASS
		50	0	4.13	<13	PASS
	MCH	1	0	3.93	<13	PASS
		1	24	2.49	<13	PASS
		1	49	3.45	<13	PASS
		25	0	4.19	<13	PASS
		25	12	4.15	<13	PASS
		25	25	3.68	<13	PASS
		50	0	4.16	<13	PASS
	HCH	1	0	3.94	<13	PASS
		1	24	2.44	<13	PASS
		1	49	3.47	<13	PASS
		25	0	4.17	<13	PASS
		25	12	4.2	<13	PASS
		25	25	3.68	<13	PASS
		50	0	4.14	<13	PASS
16QAM	LCH	1	0	5.08	<13	PASS
		1	24	3.45	<13	PASS
		1	49	4.41	<13	PASS
		25	0	5.07	<13	PASS

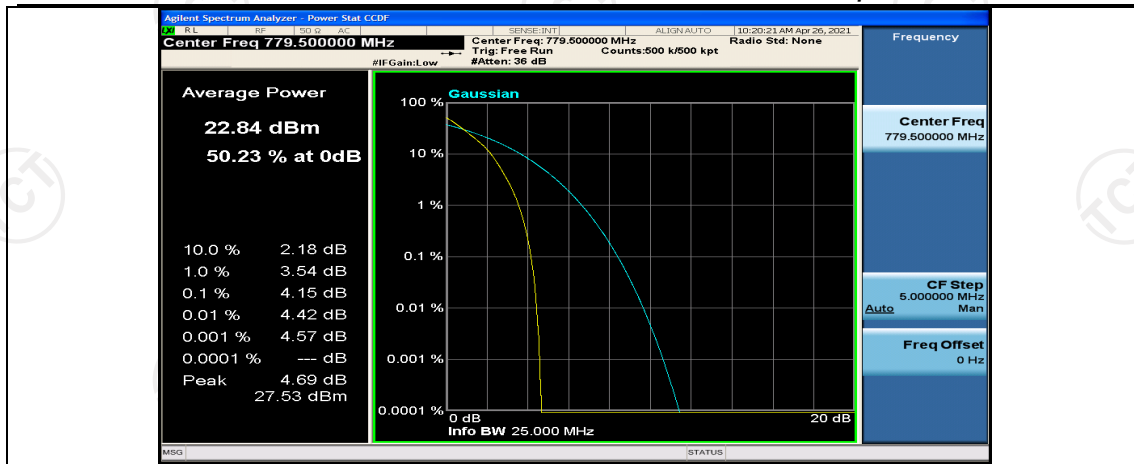
		25	12	5.06	<13	PASS
		25	25	4.55	<13	PASS
		50	0	4.92	<13	PASS
	MCH	1	0	4.84	<13	PASS
		1	24	3.43	<13	PASS
		1	49	4.36	<13	PASS
		25	0	5.11	<13	PASS
		25	12	5.08	<13	PASS
		25	25	4.53	<13	PASS
		50	0	4.92	<13	PASS
	HCH	1	0	4.98	<13	PASS
		1	24	3.5	<13	PASS
		1	49	4.37	<13	PASS
		25	0	5.11	<13	PASS
		25	12	5.09	<13	PASS
		25	25	4.53	<13	PASS
		50	0	4.95	<13	PASS

Test Graphs

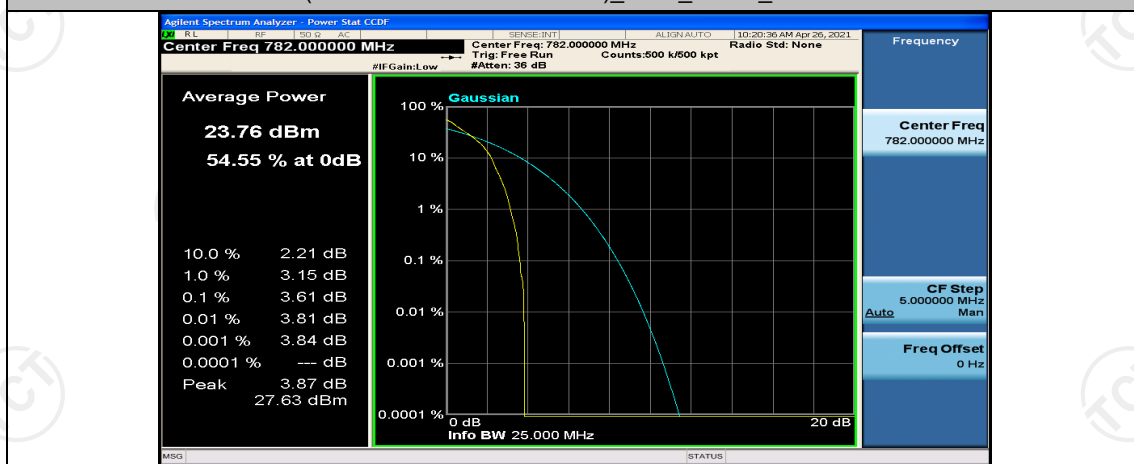
Channel Bandwidth: 5 MHz



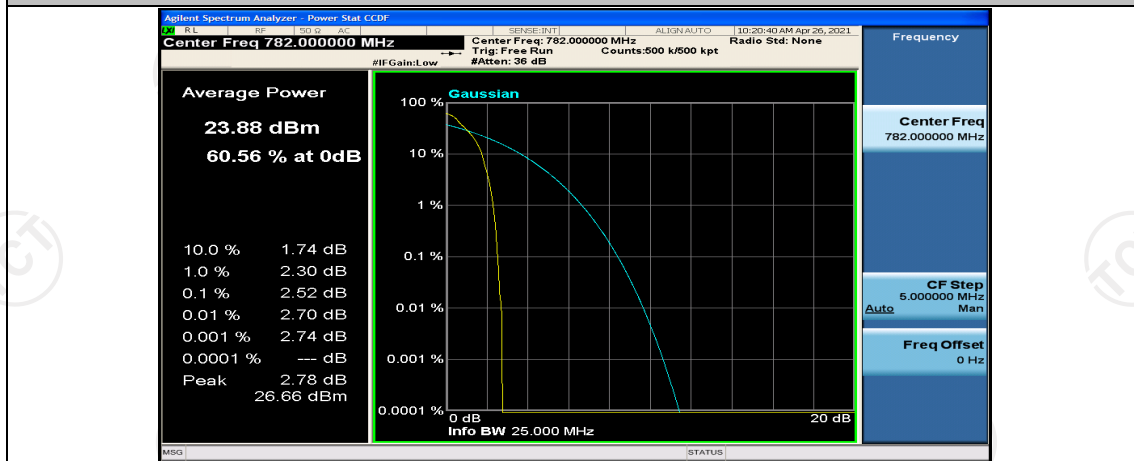




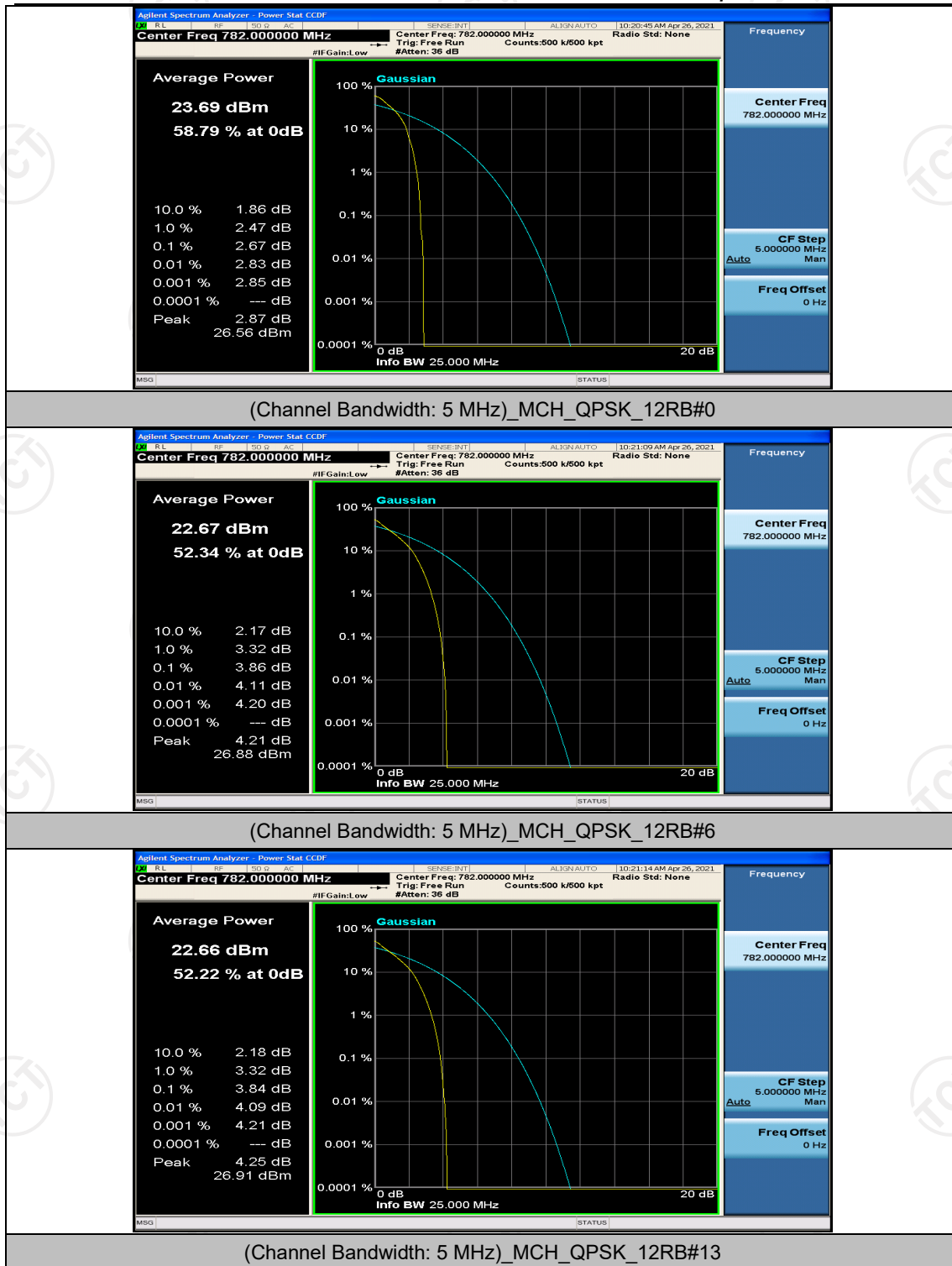
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

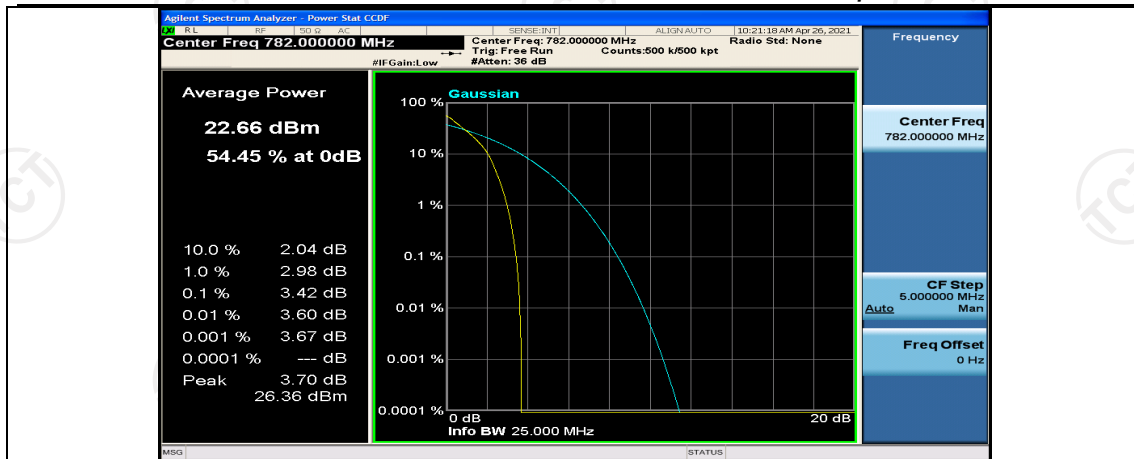


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

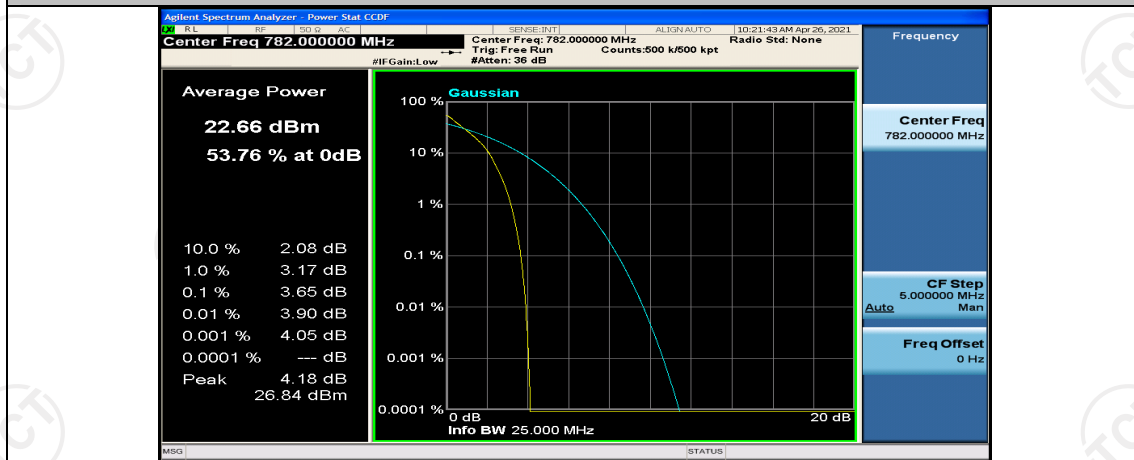


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

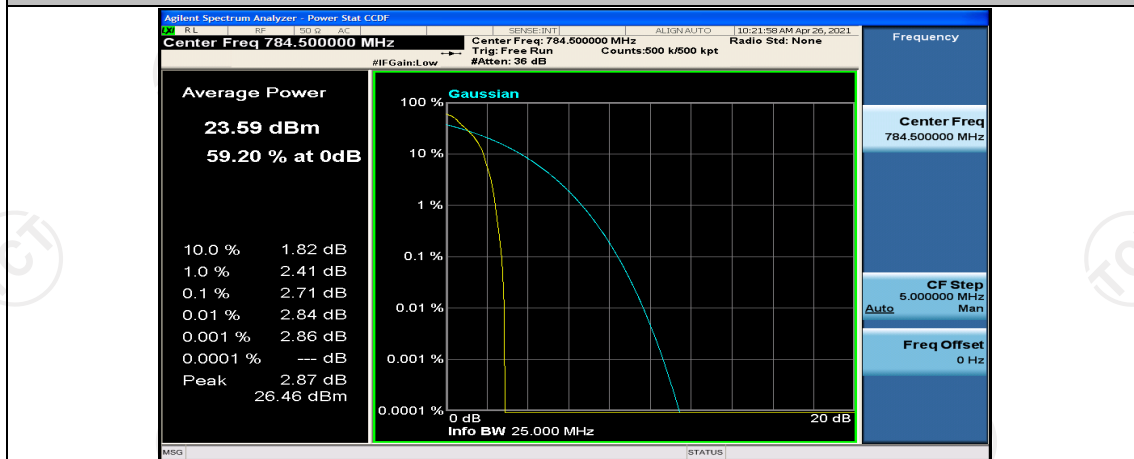




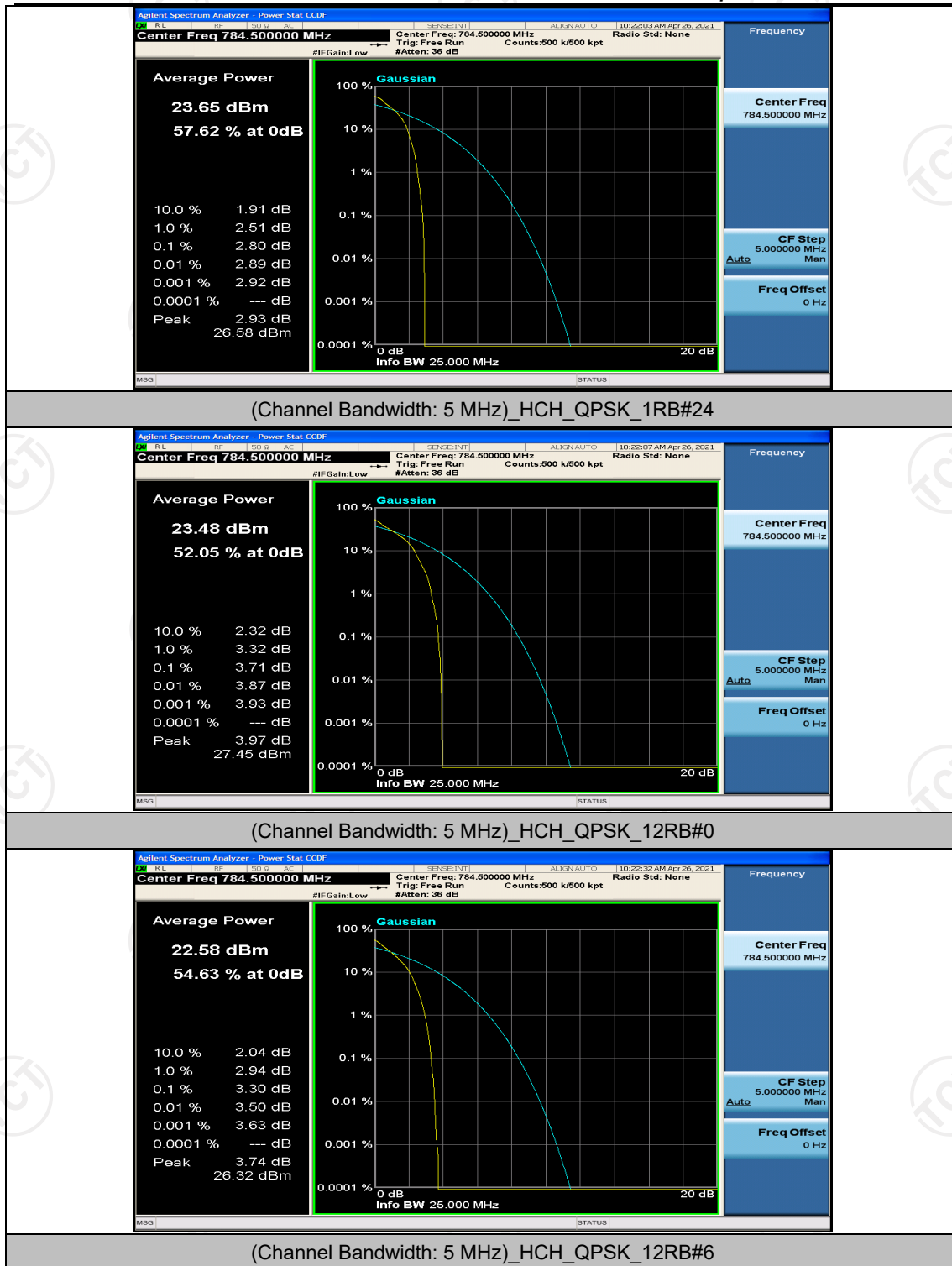
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0

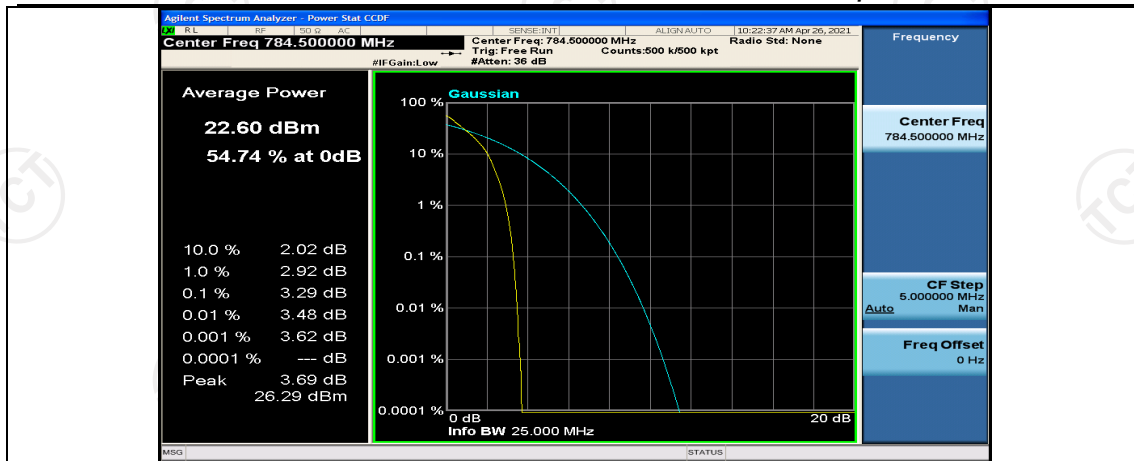


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

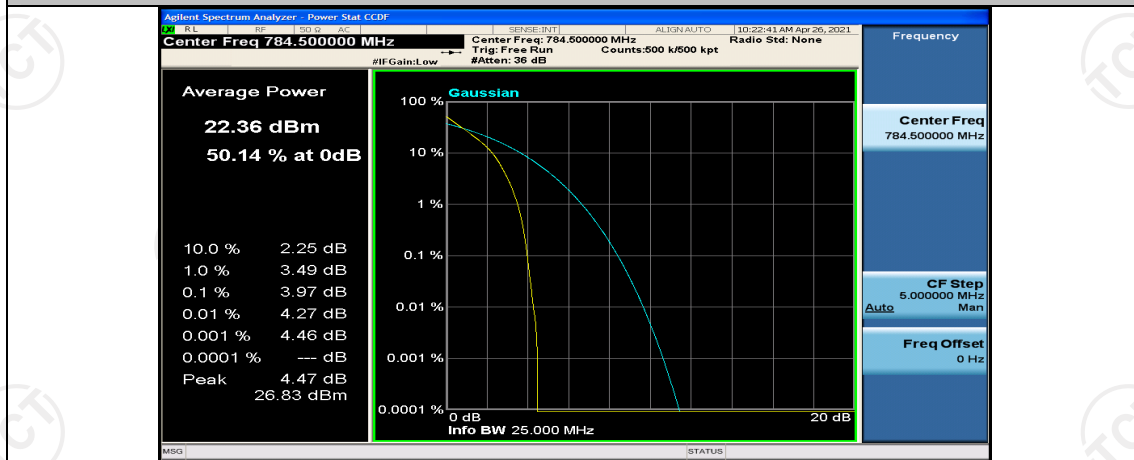


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

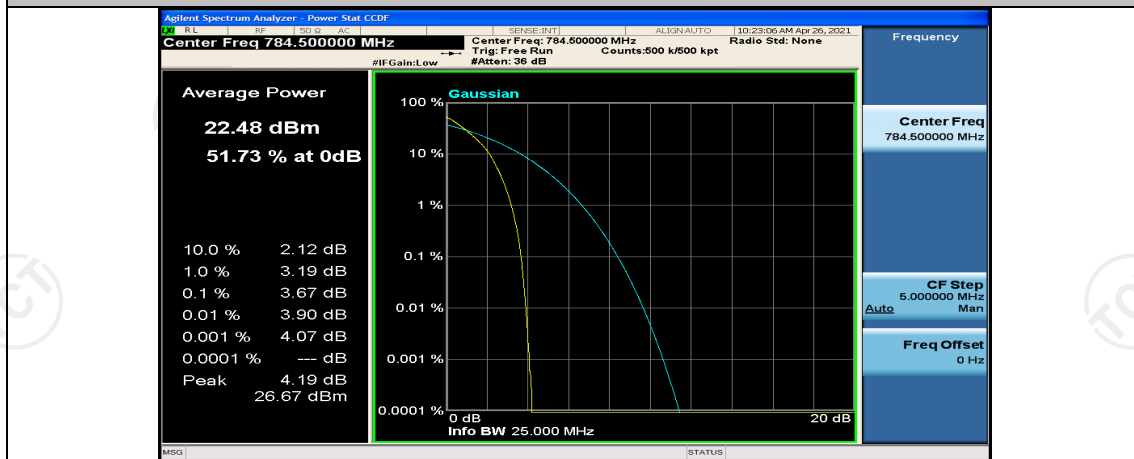




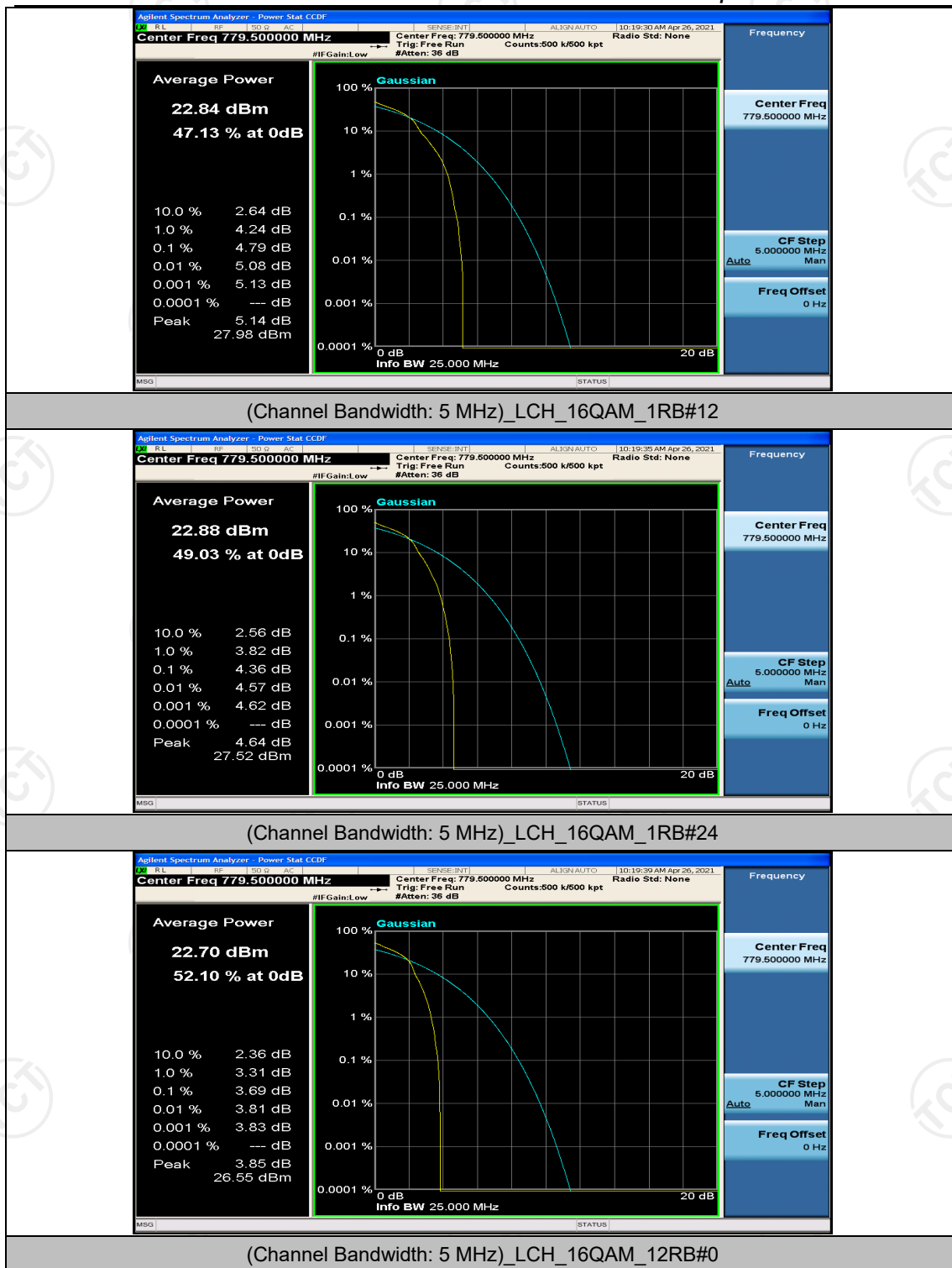
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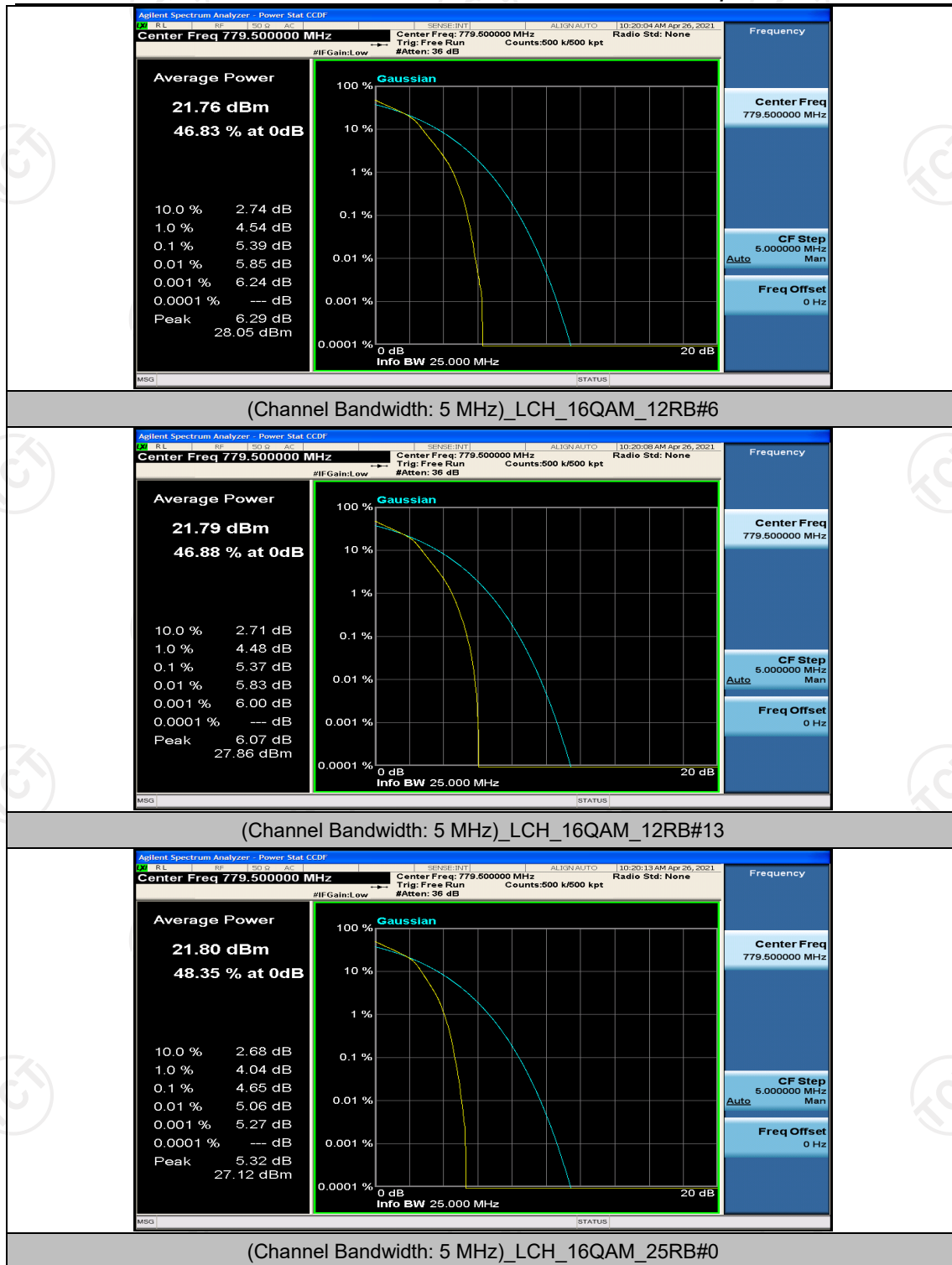


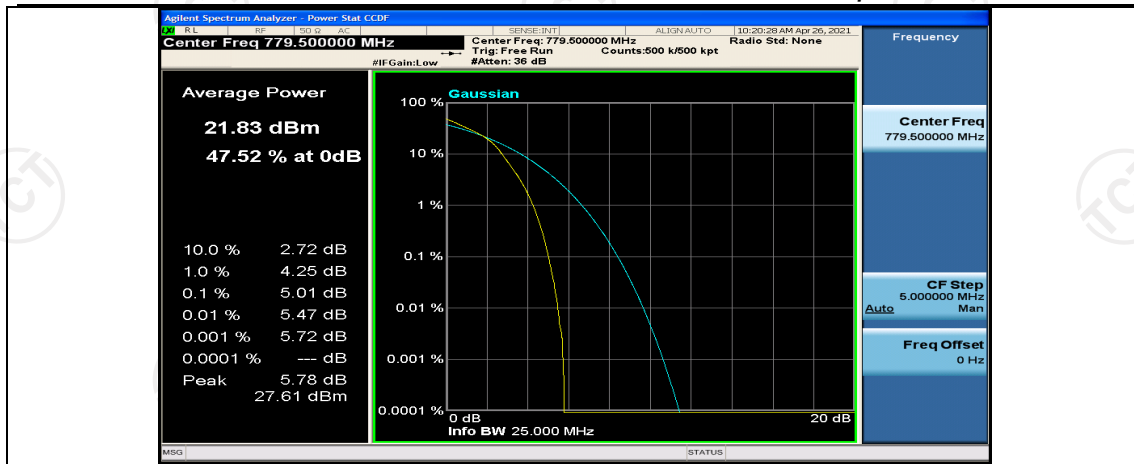
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



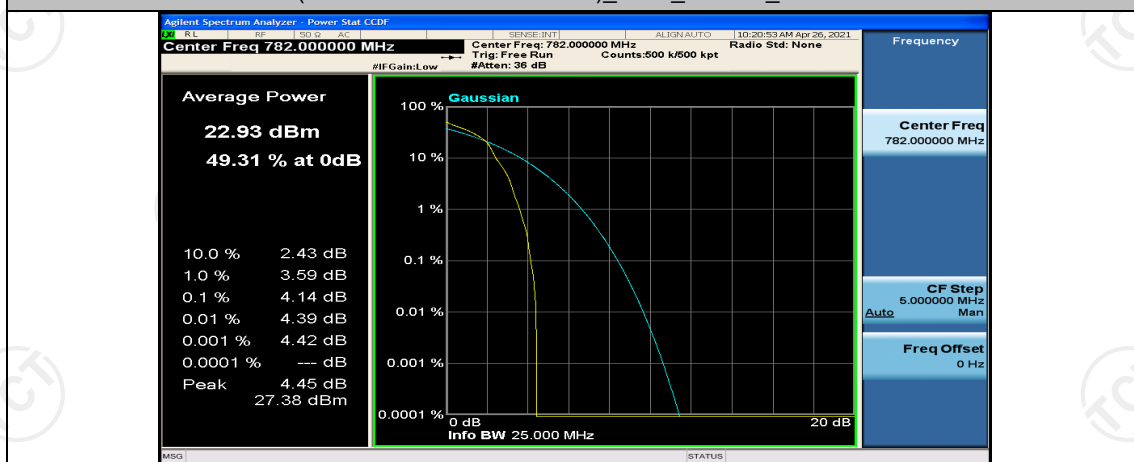
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



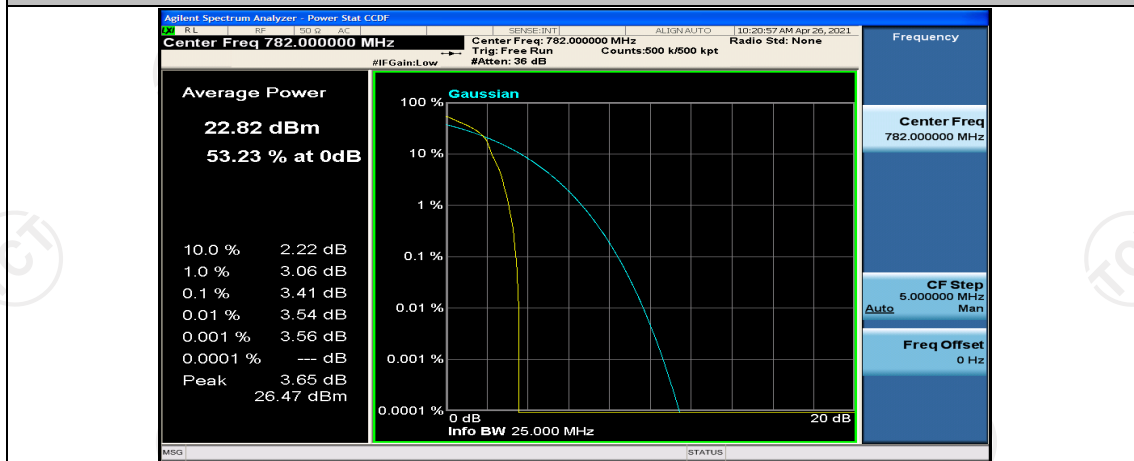




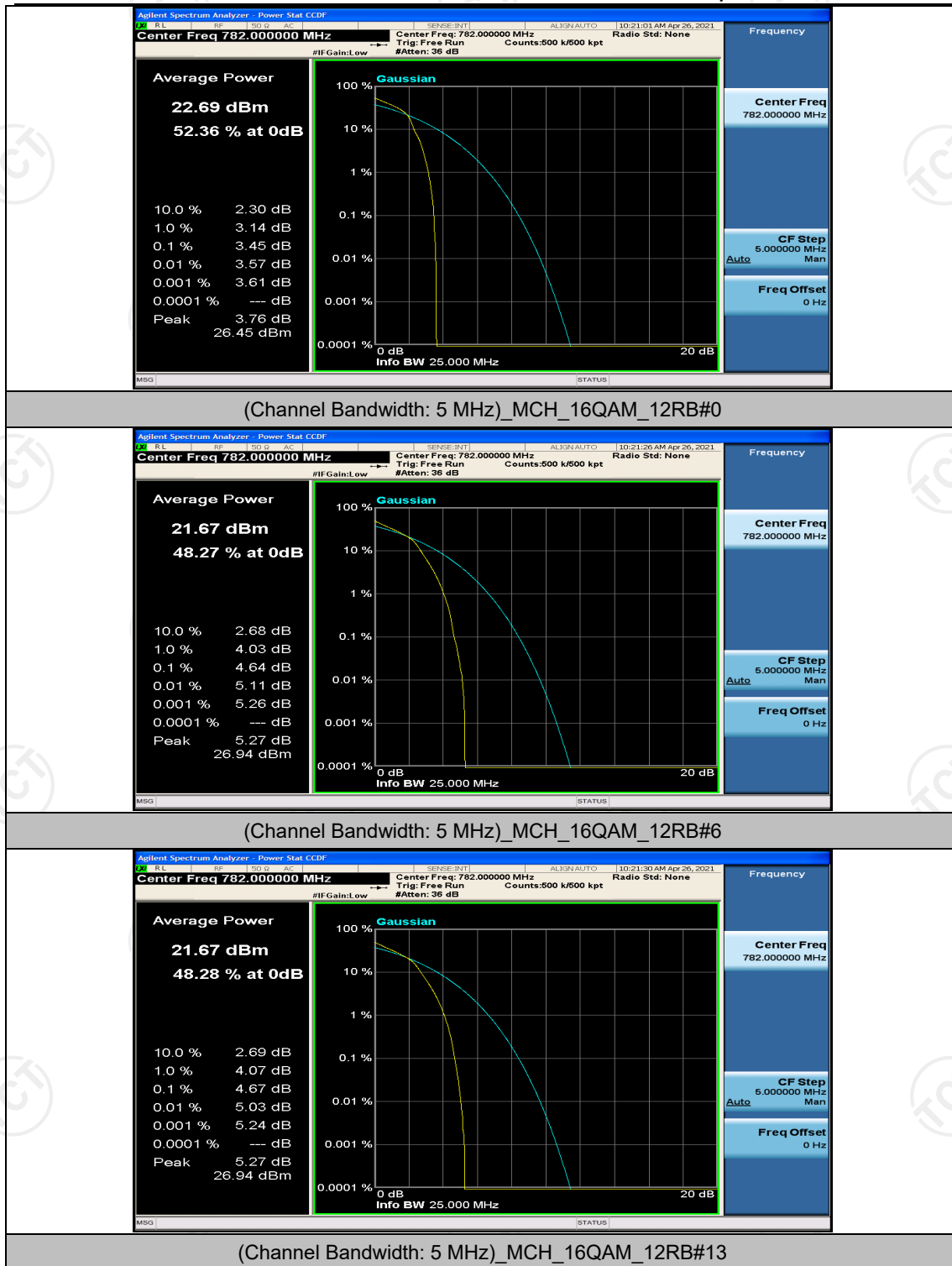
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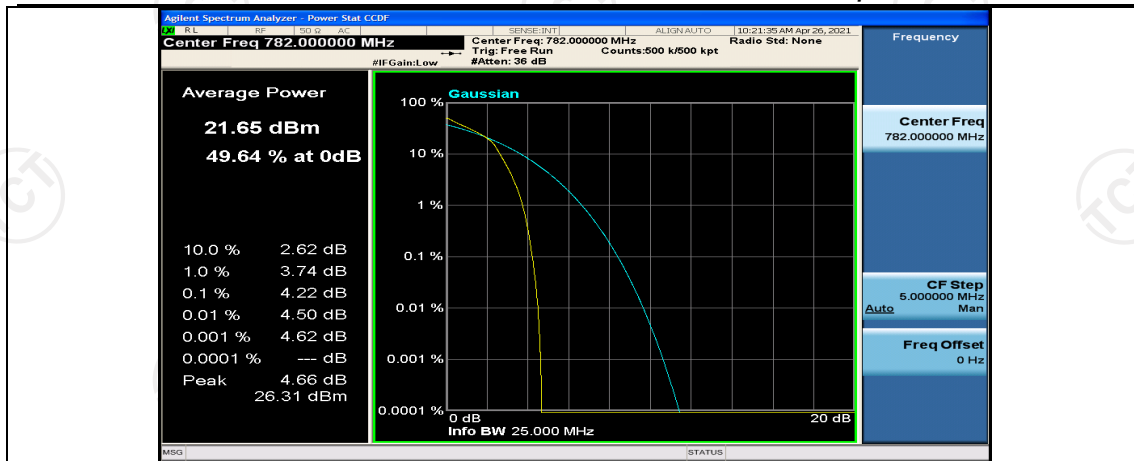


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

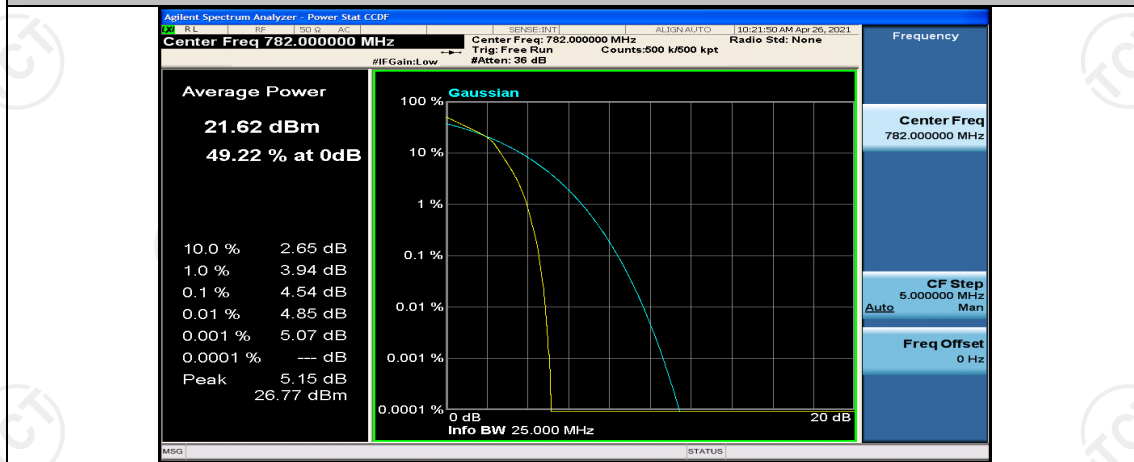


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

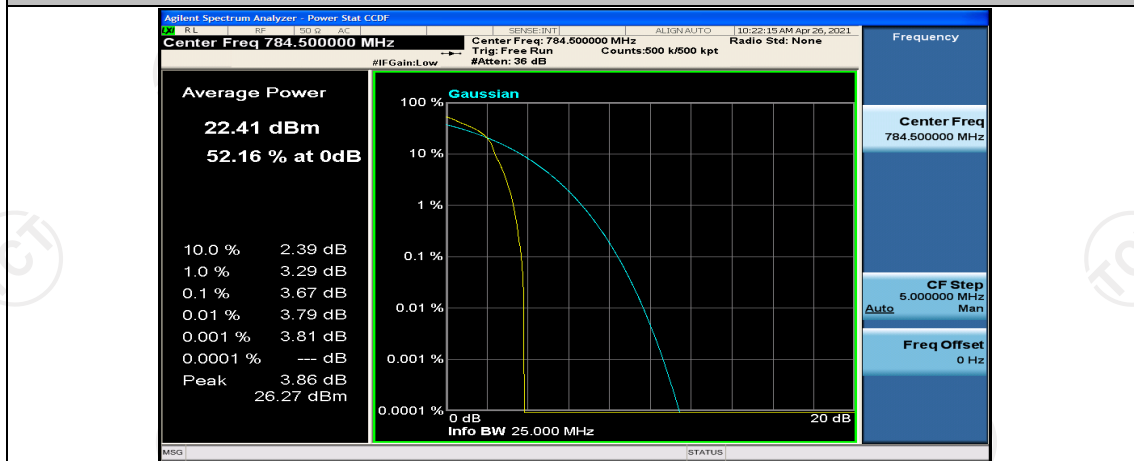




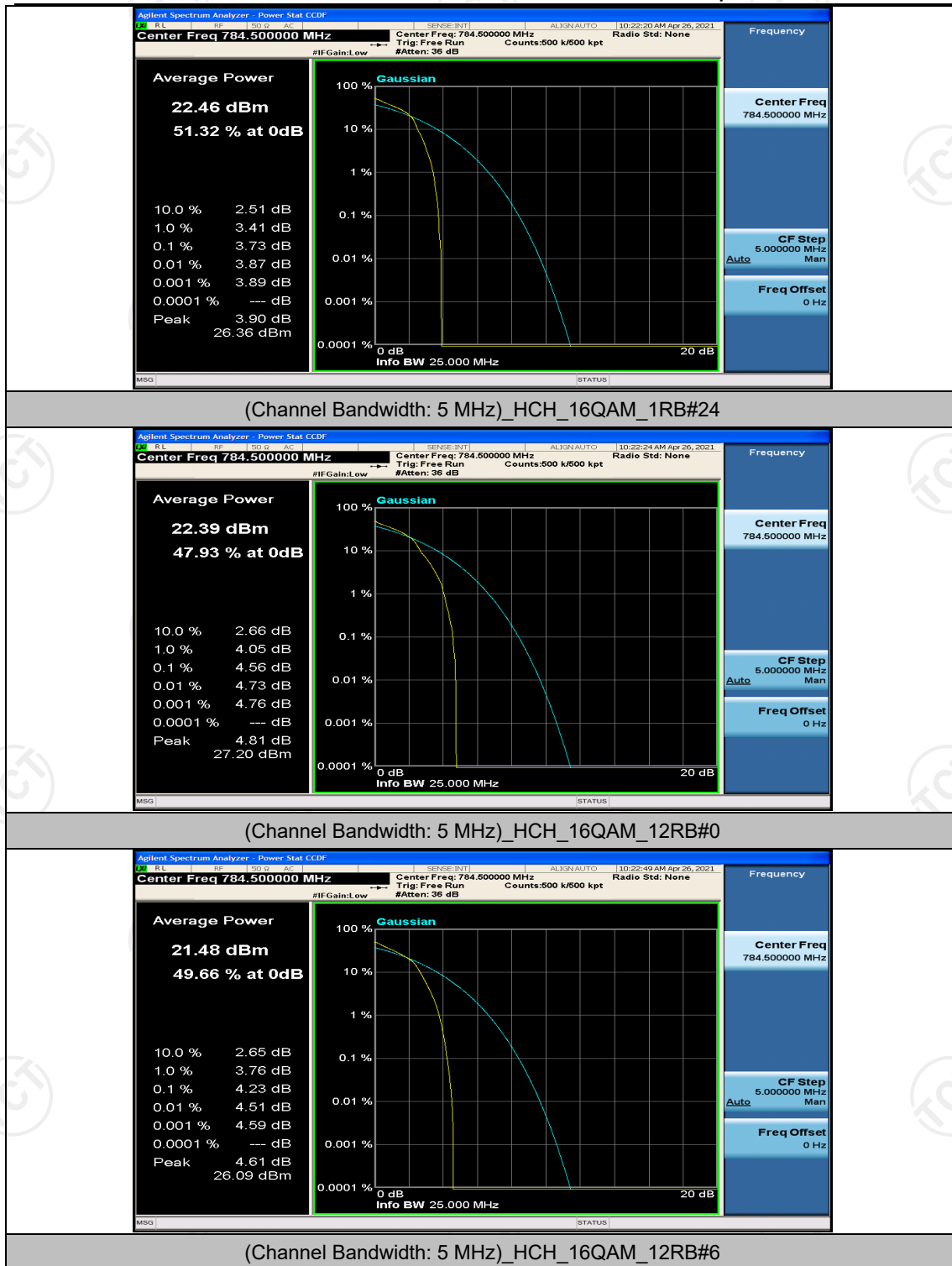
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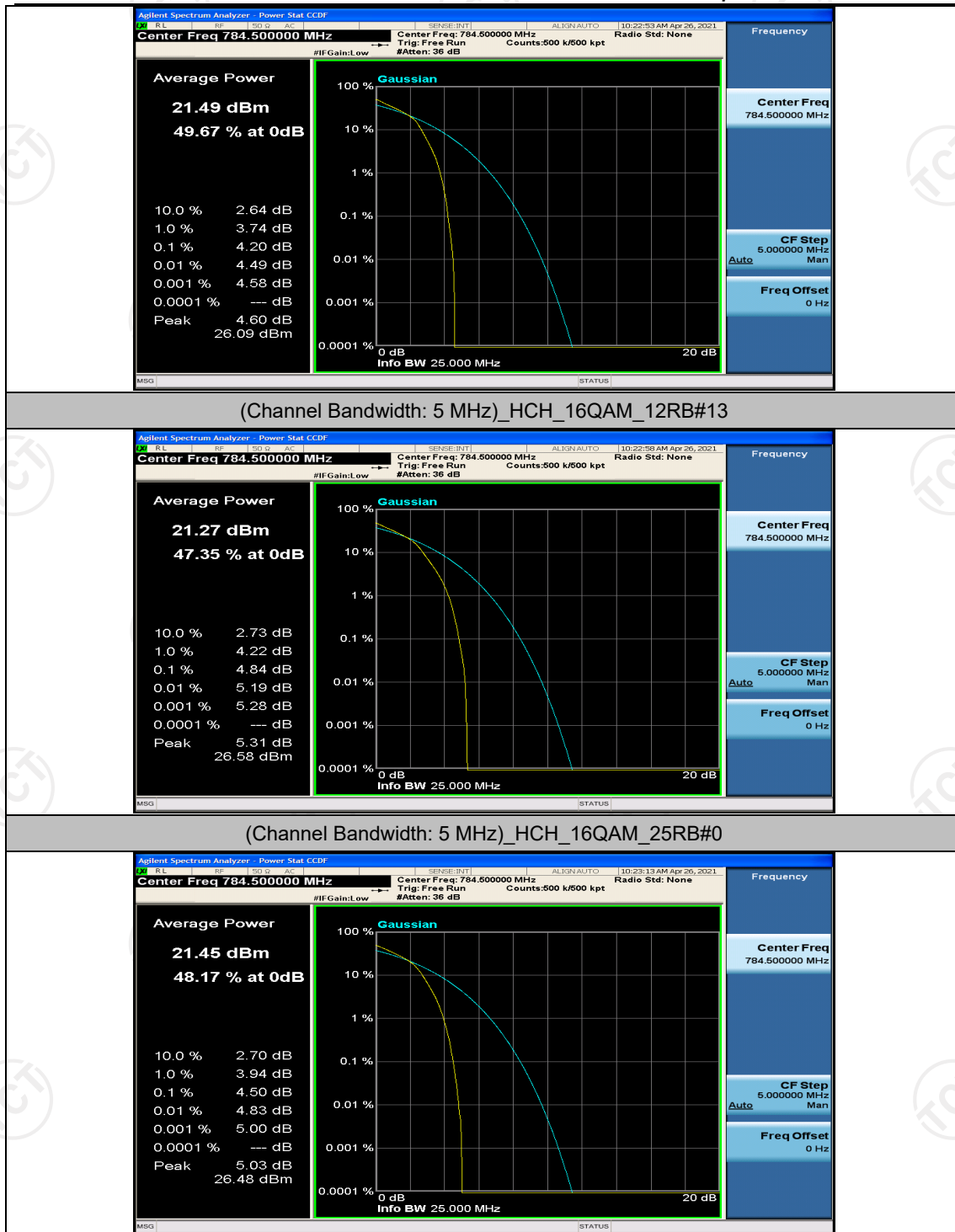


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



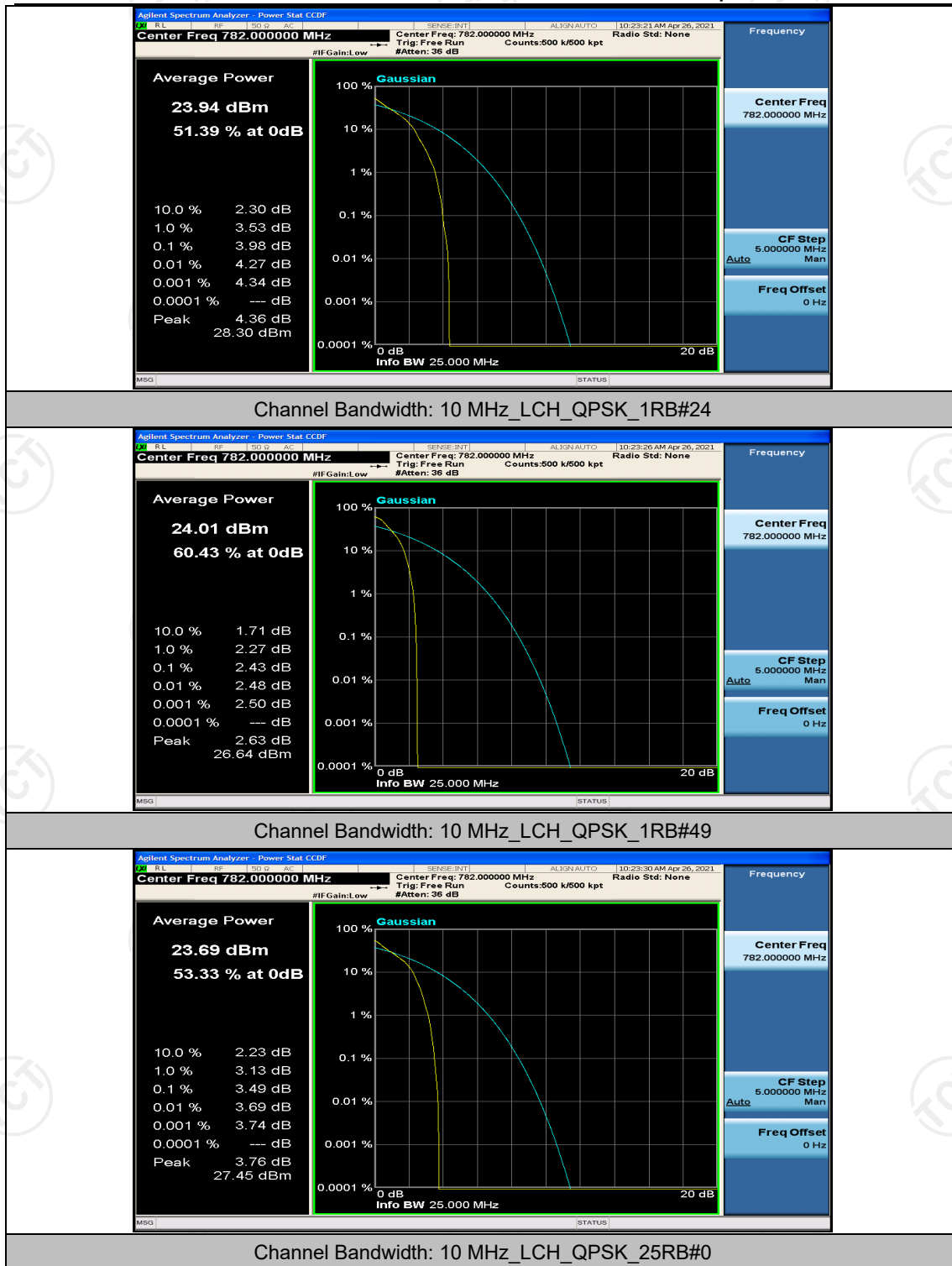
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

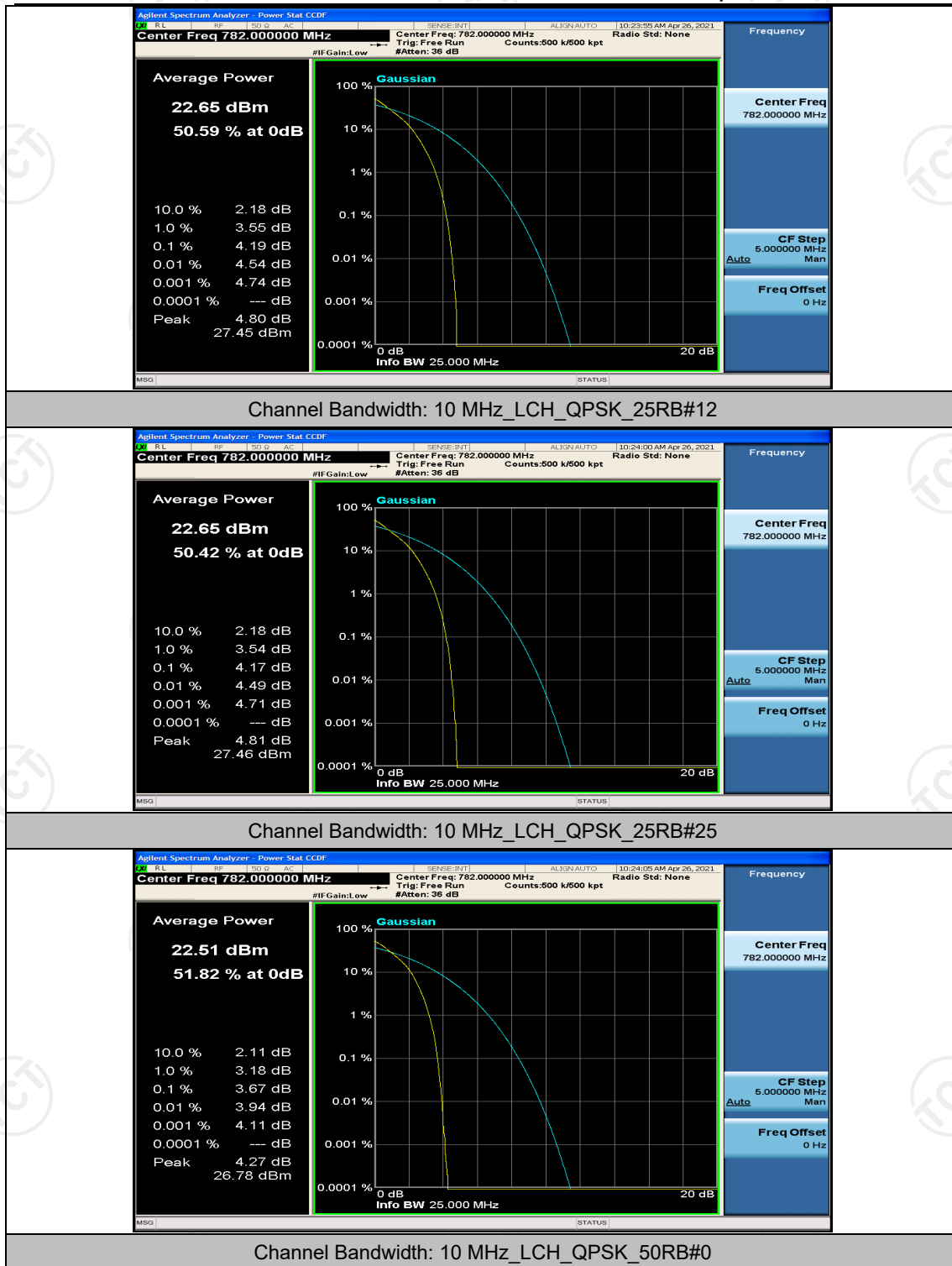


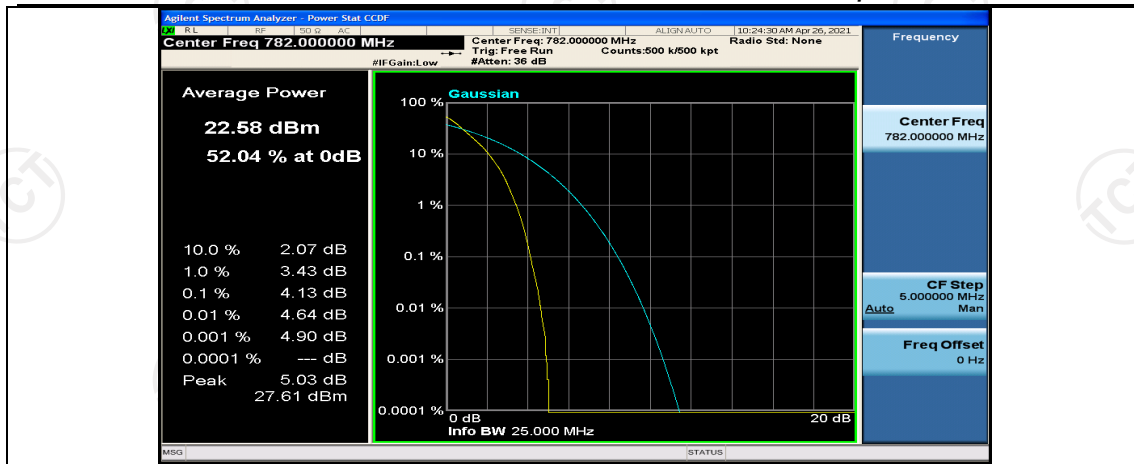


Channel Bandwidth: 10 MHz

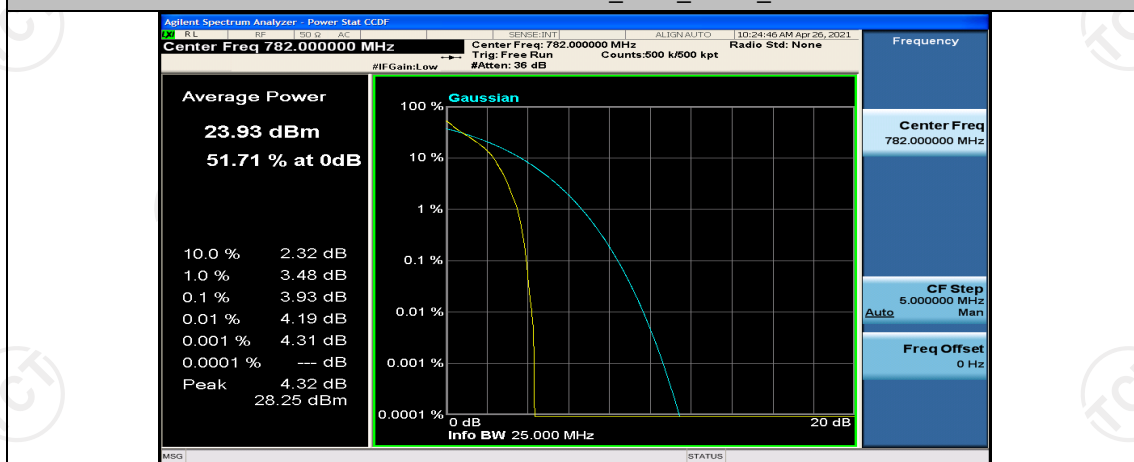
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0



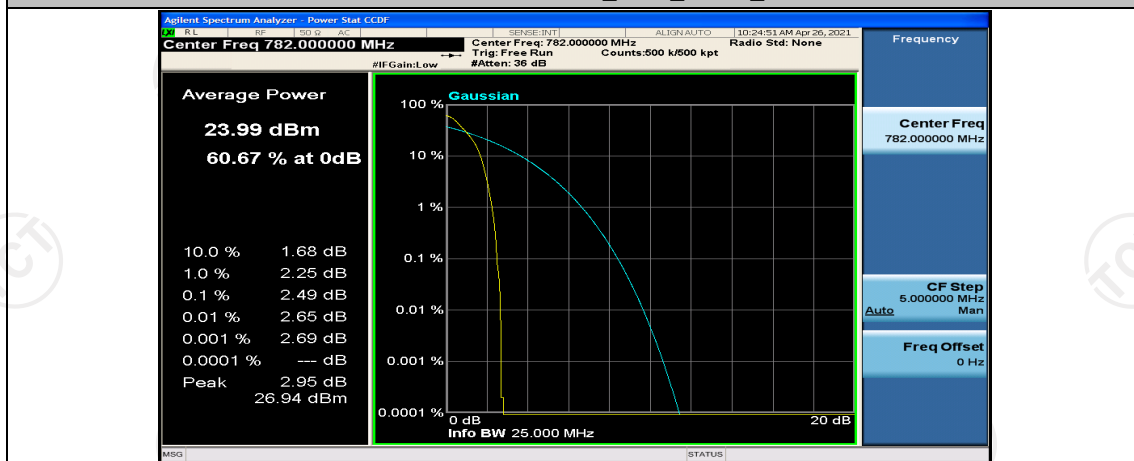




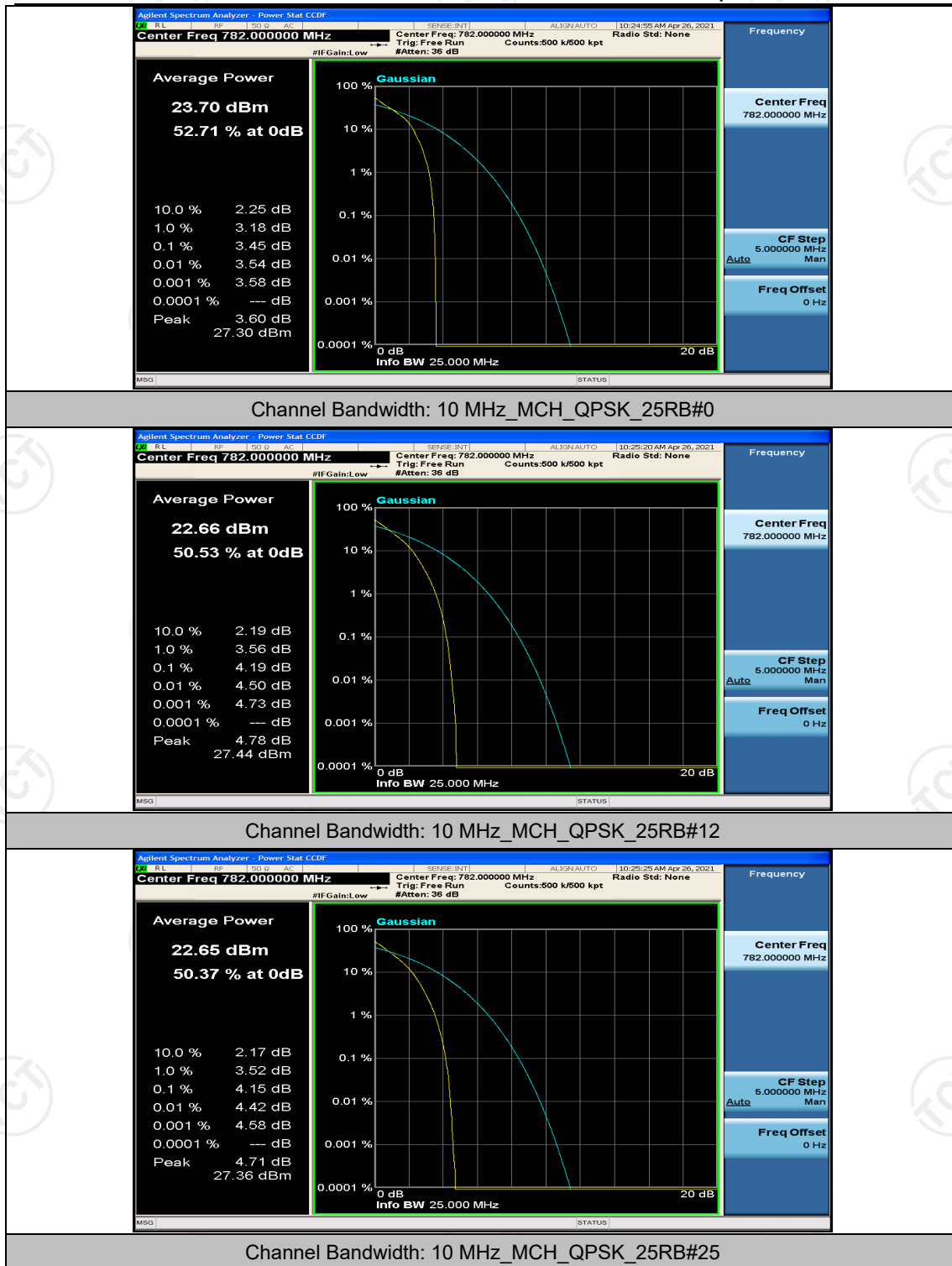
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

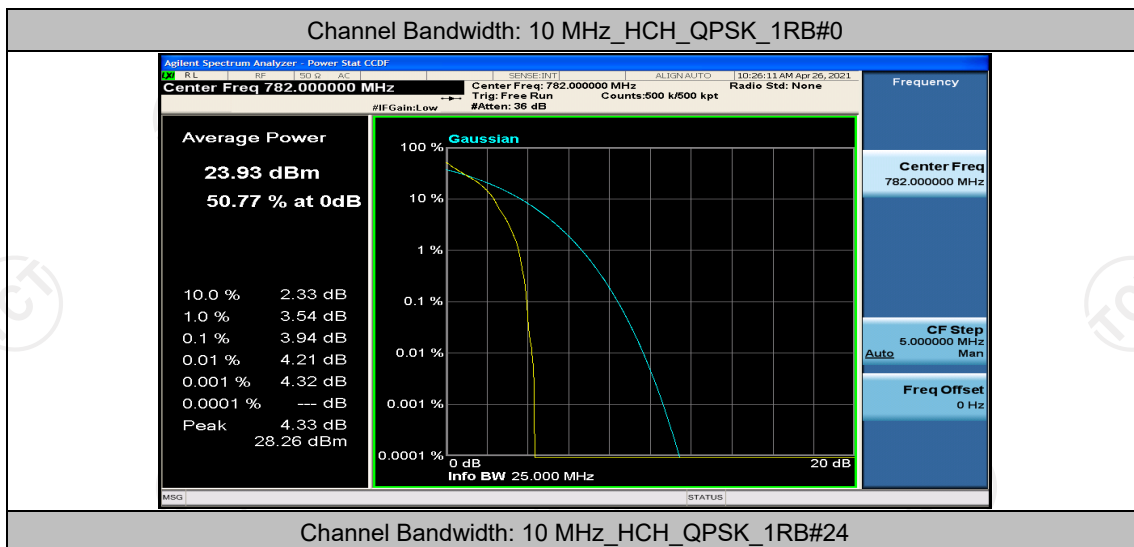
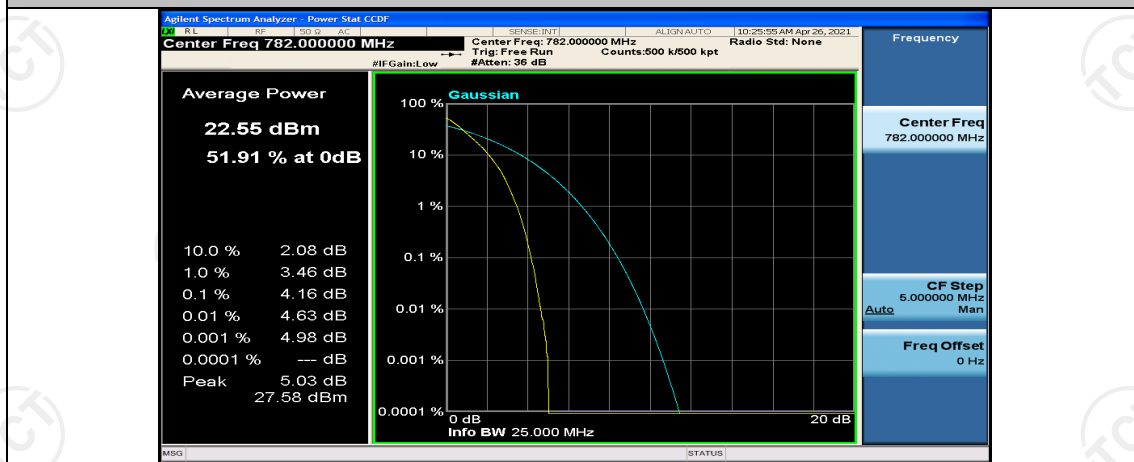
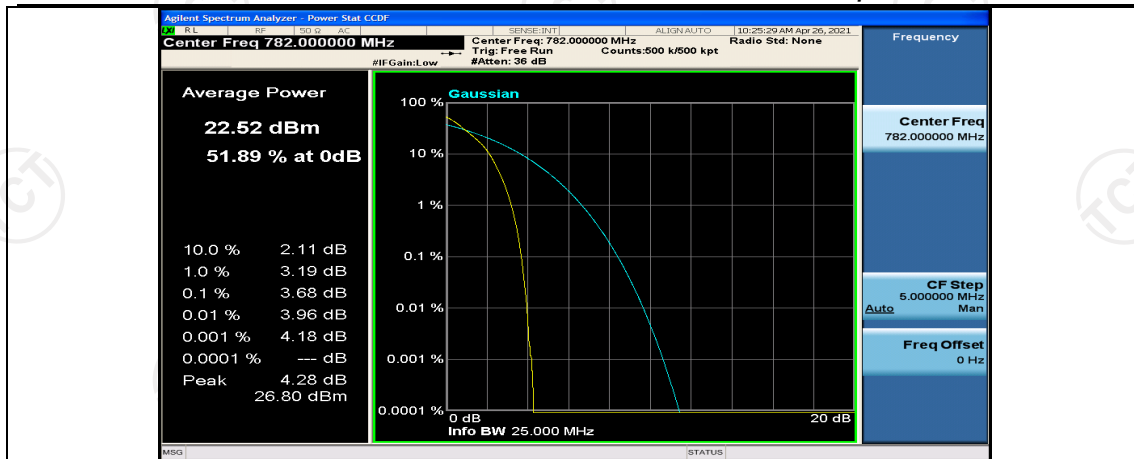


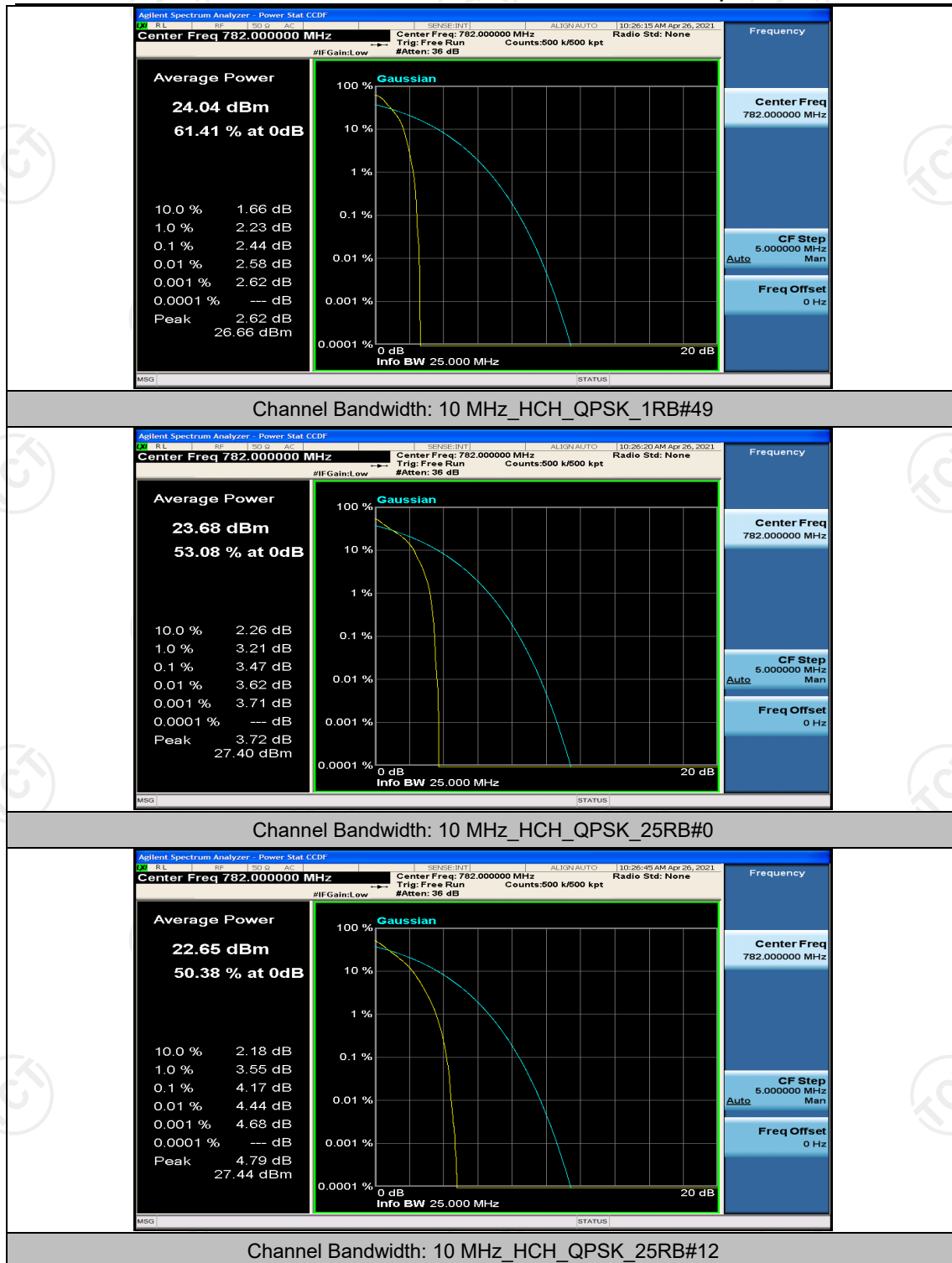
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

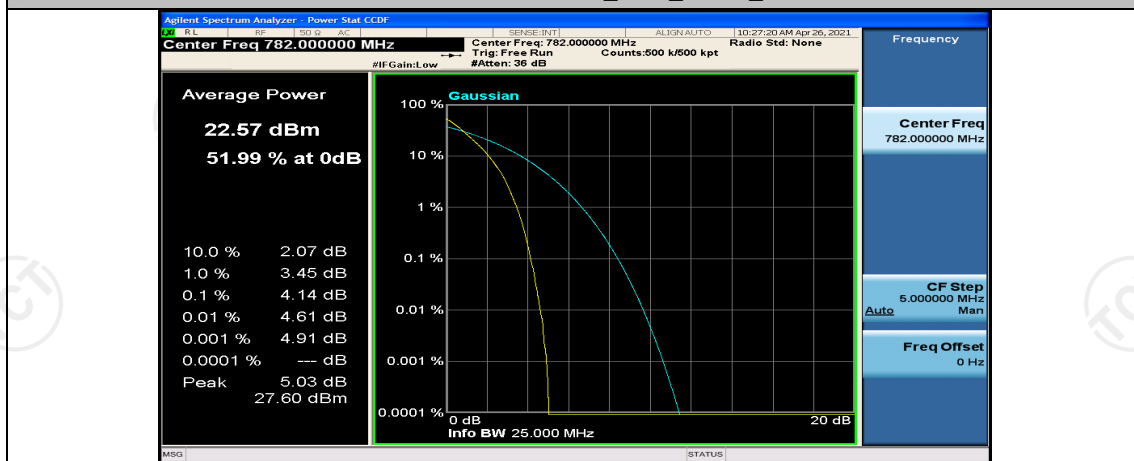
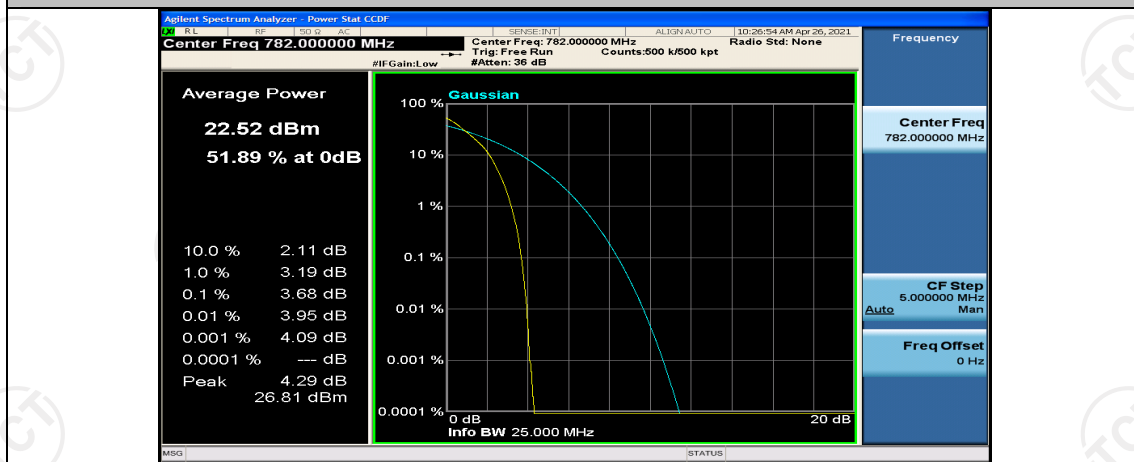
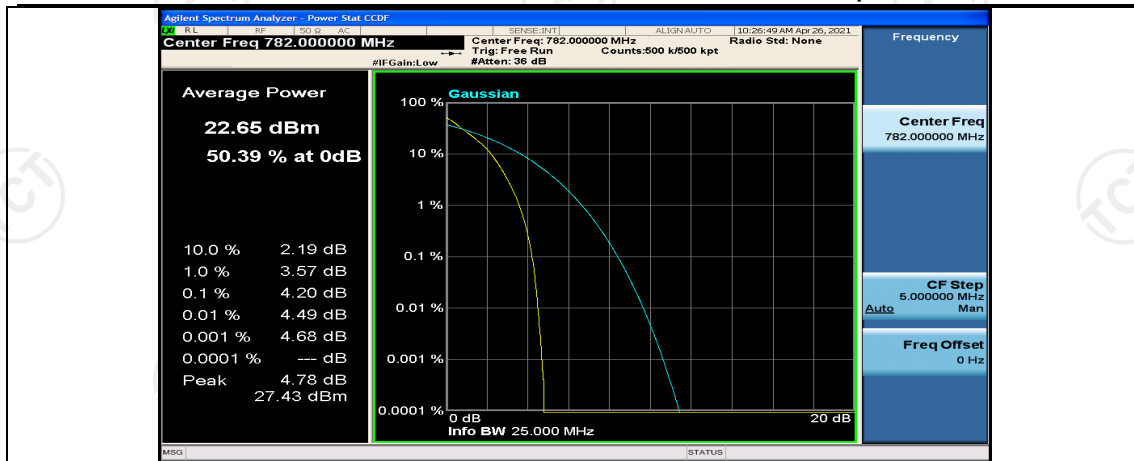


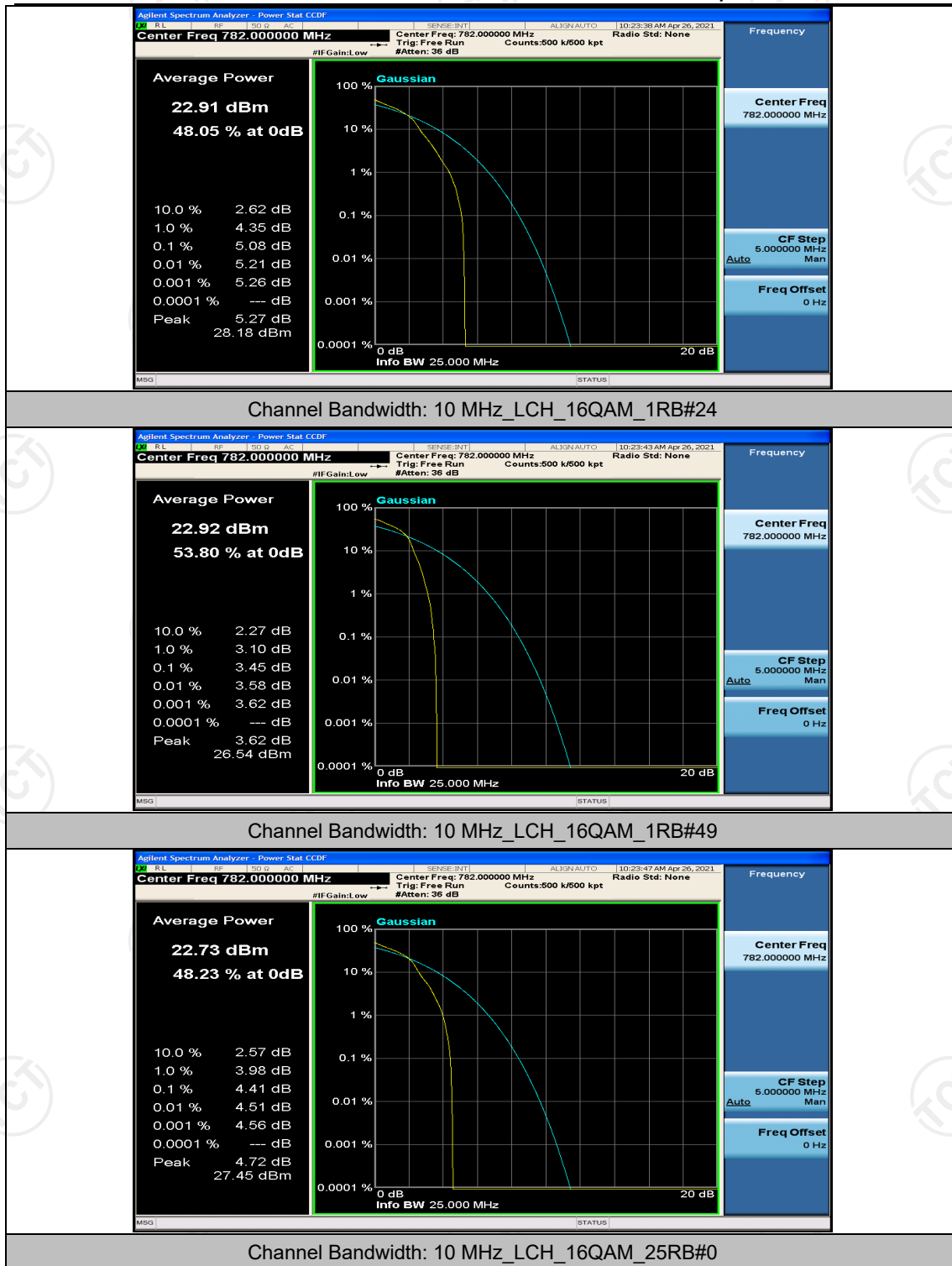
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

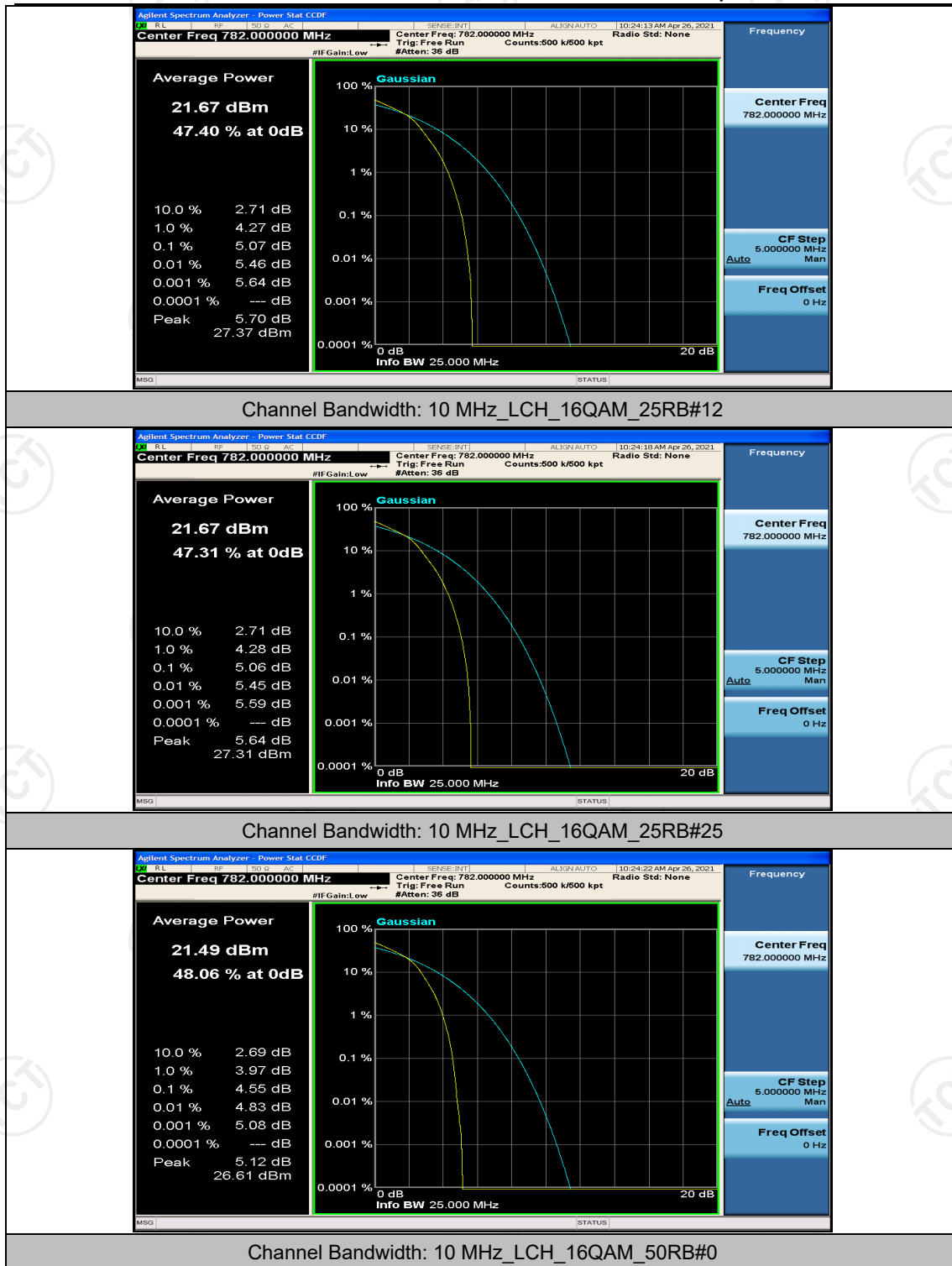


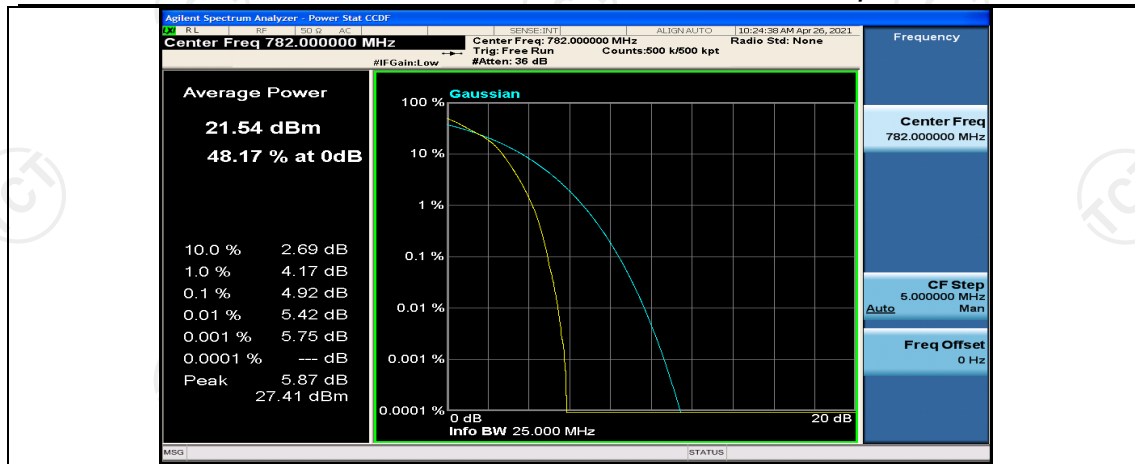




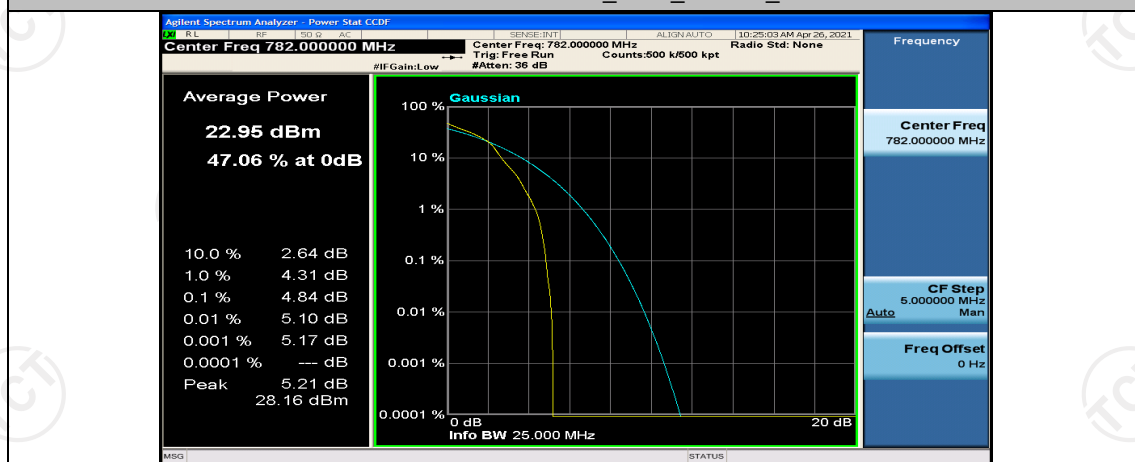




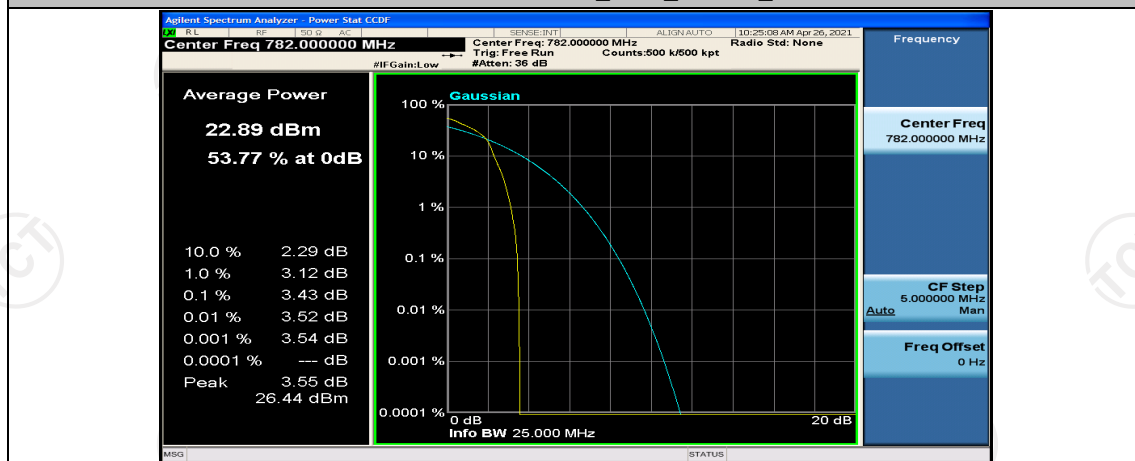




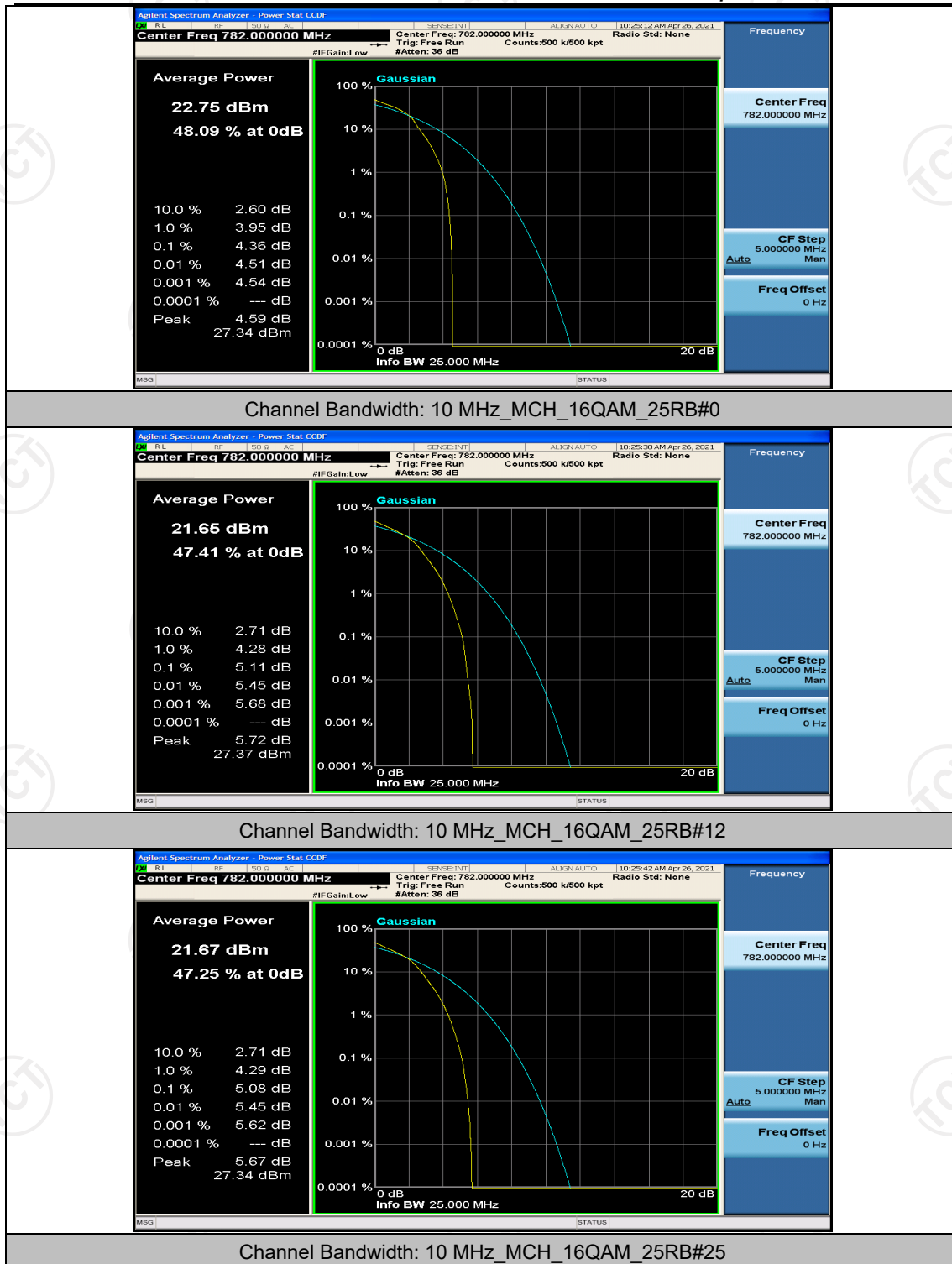
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

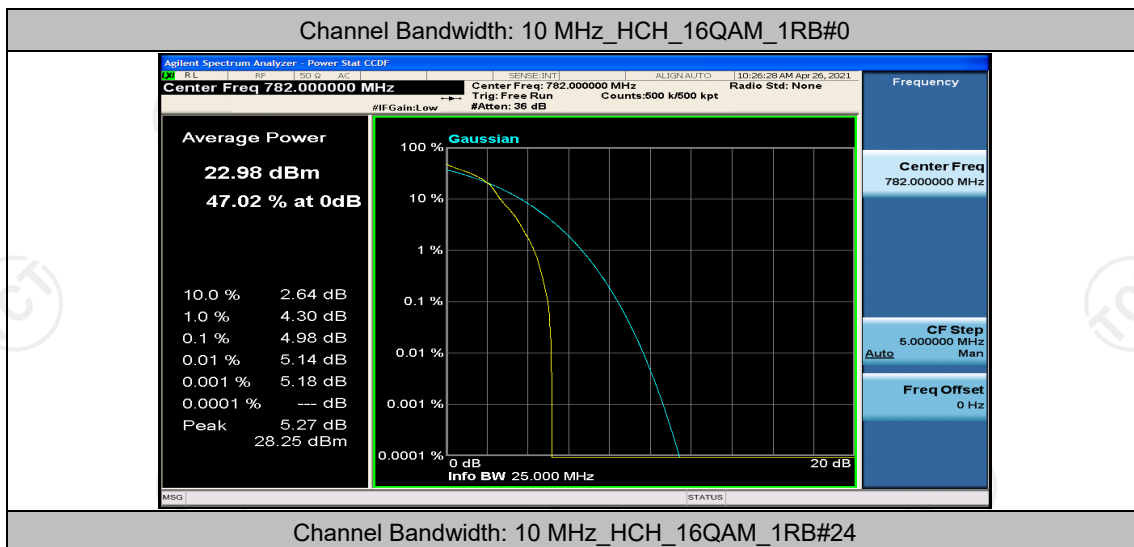
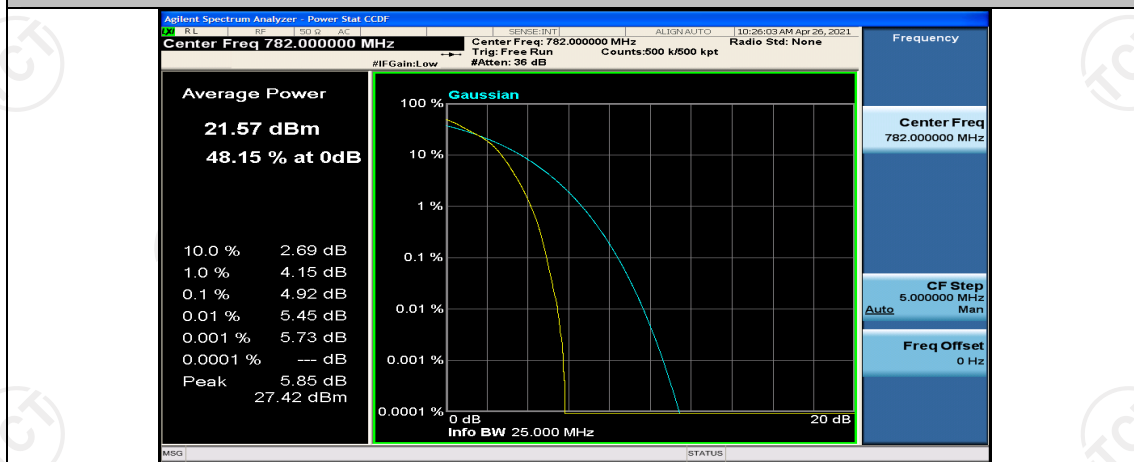
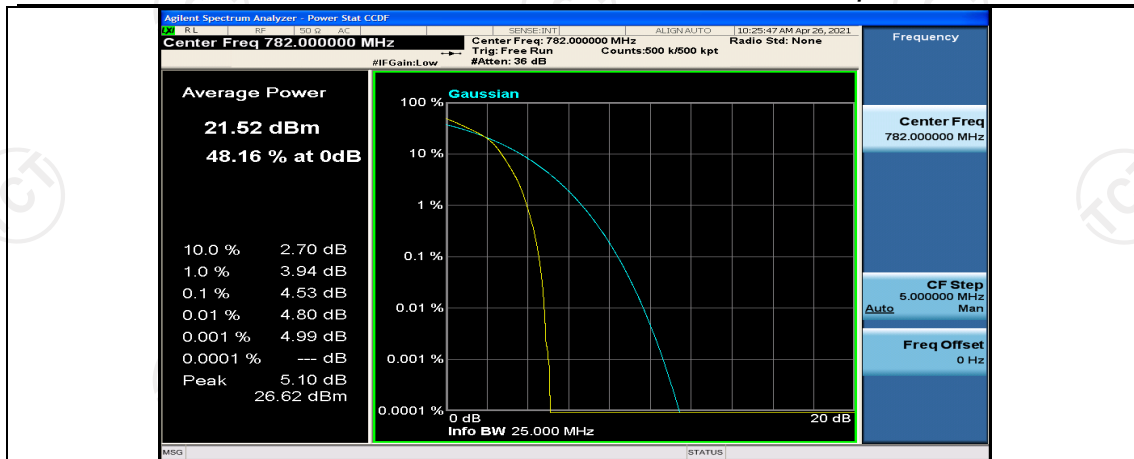


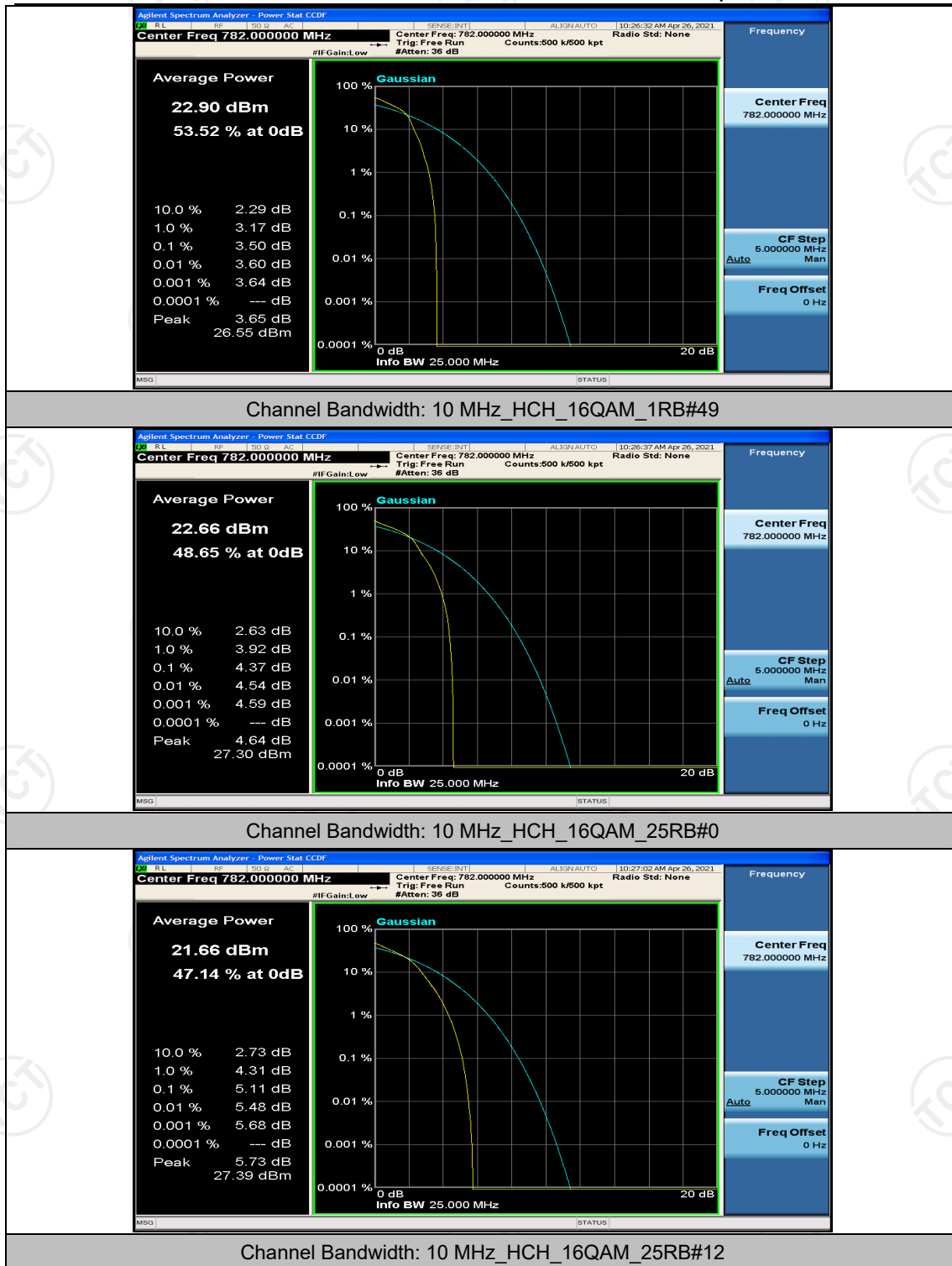
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

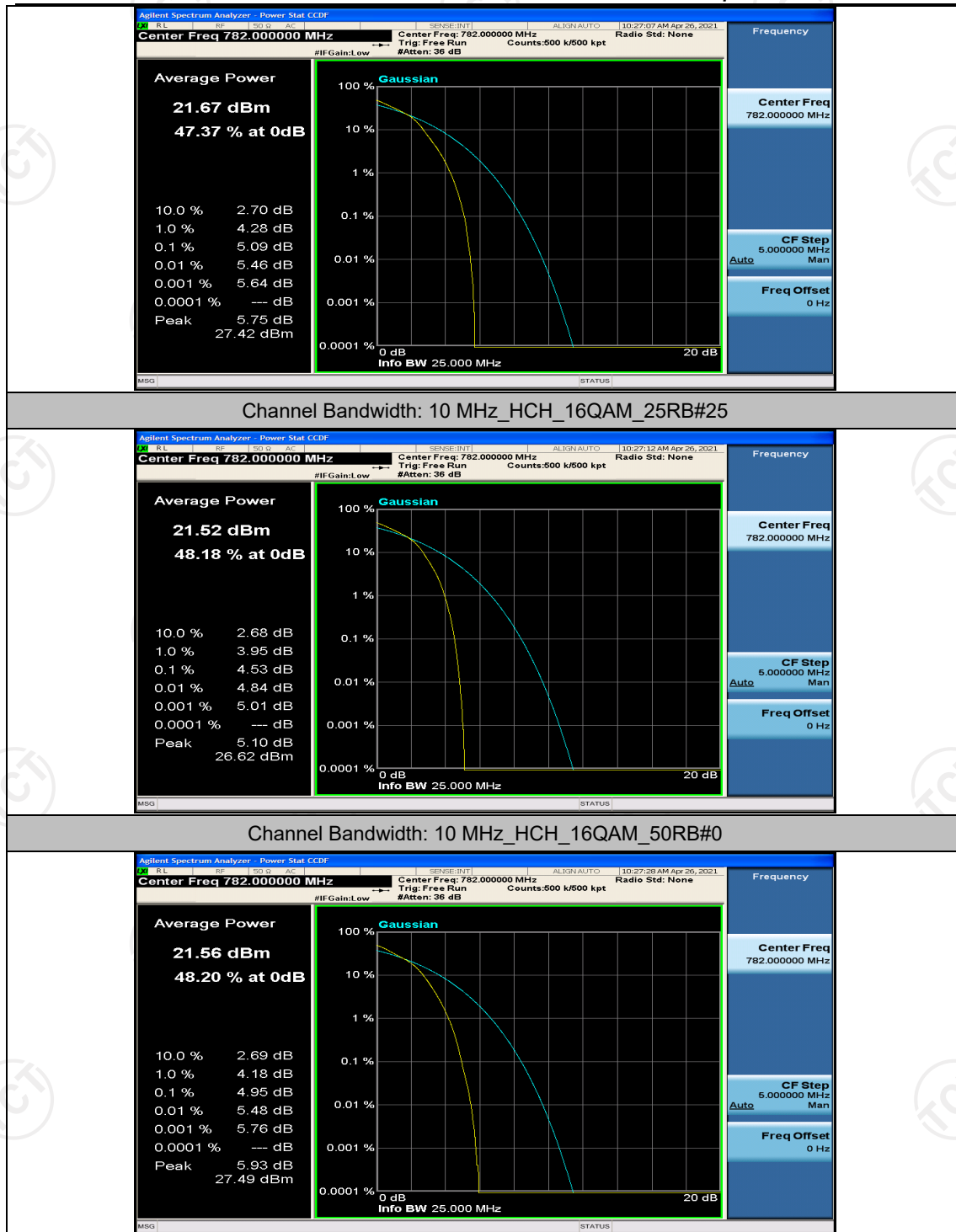


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49









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	4.4744	4.866	PASS
	MCH	25	0	4.4730	4.877	PASS
	HCH	25	0	4.4841	5.101	PASS
16QAM	LCH	25	0	4.4754	4.958	PASS
	MCH	25	0	4.4758	4.882	PASS
	HCH	25	0	4.4769	4.947	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	8.9305	9.538	PASS
	MCH	50	0	8.9302	9.504	PASS
	HCH	50	0	8.9312	9.554	PASS
16QAM	LCH	50	0	8.9071	9.487	PASS
	MCH	50	0	8.9065	9.518	PASS
	HCH	50	0	8.9112	9.464	PASS