

Appendix for Band 17

Appendix A: Average Power Output Data

Test Result

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.70	PASS
		1	12	21.75	PASS
		1	24	21.79	PASS
		12	0	21.14	PASS
		12	6	21.11	PASS
		12	13	21.13	PASS
		25	0	21.19	PASS
	MCH	1	0	21.55	PASS
		1	12	21.57	PASS
		1	24	21.59	PASS
		12	0	20.78	PASS
		12	6	20.69	PASS
		12	13	21.19	PASS
		25	0	20.64	PASS
	HCH	1	0	21.85	PASS
		1	12	21.78	PASS
		1	24	21.70	PASS
		12	0	21.12	PASS
		12	6	20.98	PASS
		12	13	20.70	PASS
		25	0	21.01	PASS
16QAM	LCH	1	0	21.22	PASS
		1	12	21.11	PASS
		1	24	20.71	PASS
		12	0	20.96	PASS
		12	6	20.82	PASS
		12	13	20.38	PASS
		25	0	20.53	PASS
	MCH	1	0	21.73	PASS
		1	12	21.31	PASS

		1	24	21.68	PASS
		12	0	20.77	PASS
		12	6	20.83	PASS
		12	13	20.50	PASS
		25	0	20.91	PASS
	HCH	1	0	20.66	PASS
		1	12	20.61	PASS
		1	24	20.42	PASS
		12	0	20.92	PASS
		12	6	20.92	PASS
		12	13	20.64	PASS
		25	0	20.62	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.66	PASS
		1	24	21.70	PASS
		1	49	21.69	PASS
		25	0	21.04	PASS
		25	12	20.75	PASS
		25	25	21.06	PASS
		50	0	20.80	PASS
	MCH	1	0	21.79	PASS
		1	24	21.80	PASS
		1	49	21.73	PASS
		25	0	21.09	PASS
		25	12	20.70	PASS
		25	25	21.17	PASS
		50	0	20.72	PASS
	HCH	1	0	21.79	PASS
		1	24	21.71	PASS
		1	49	21.64	PASS
		25	0	20.72	PASS
		25	12	21.03	PASS
		25	25	21.01	PASS
		50	0	21.11	PASS
16QAM	LCH	1	0	21.69	PASS
		1	24	21.37	PASS
		1	49	21.58	PASS
		25	0	20.51	PASS

		25	12	20.40	PASS
		25	25	20.43	PASS
		50	0	20.46	PASS
	MCH	1	0	21.63	PASS
		1	24	21.08	PASS
		1	49	21.14	PASS
		25	0	20.49	PASS
		25	12	20.87	PASS
		25	25	20.54	PASS
		50	0	20.63	PASS
	HCH	1	0	21.22	PASS
		1	24	21.17	PASS
		1	49	20.73	PASS
		25	0	20.87	PASS
		25	12	20.55	PASS
		25	25	20.50	PASS
		50	0	20.45	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	5.26	<13	PASS
		1	12	5.07	<13	PASS
		1	24	4.91	<13	PASS
		12	0	5.27	<13	PASS
		12	6	5.24	<13	PASS
		12	13	5.13	<13	PASS
		25	0	5.25	<13	PASS
	MCH	1	0	4.77	<13	PASS
		1	12	4.7	<13	PASS
		1	24	5	<13	PASS
		12	0	5.36	<13	PASS
		12	6	5.4	<13	PASS
		12	13	5.27	<13	PASS
		25	0	5.39	<13	PASS
	HCH	1	0	5.07	<13	PASS
		1	12	5.37	<13	PASS
		1	24	5.17	<13	PASS
		12	0	5.5	<13	PASS
		12	6	5.51	<13	PASS
		12	13	5.51	<13	PASS
		25	0	5.46	<13	PASS
16QAM	LCH	1	0	5.72	<13	PASS
		1	12	5.49	<13	PASS
		1	24	5.42	<13	PASS
		12	0	6.15	<13	PASS
		12	6	6.14	<13	PASS
		12	13	5.93	<13	PASS
		25	0	6.03	<13	PASS
	MCH	1	0	5.8	<13	PASS
		1	12	5.94	<13	PASS
		1	24	6.19	<13	PASS

		12	0	6.13	<13	PASS
		12	6	6.14	<13	PASS
		12	13	6.1	<13	PASS
		25	0	6.12	<13	PASS
	HCH	1	0	5.93	<13	PASS
		1	12	6.12	<13	PASS
		1	24	6.05	<13	PASS
		12	0	6.39	<13	PASS
		12	6	6.49	<13	PASS
		12	13	6.56	<13	PASS
		25	0	6.15	<13	PASS

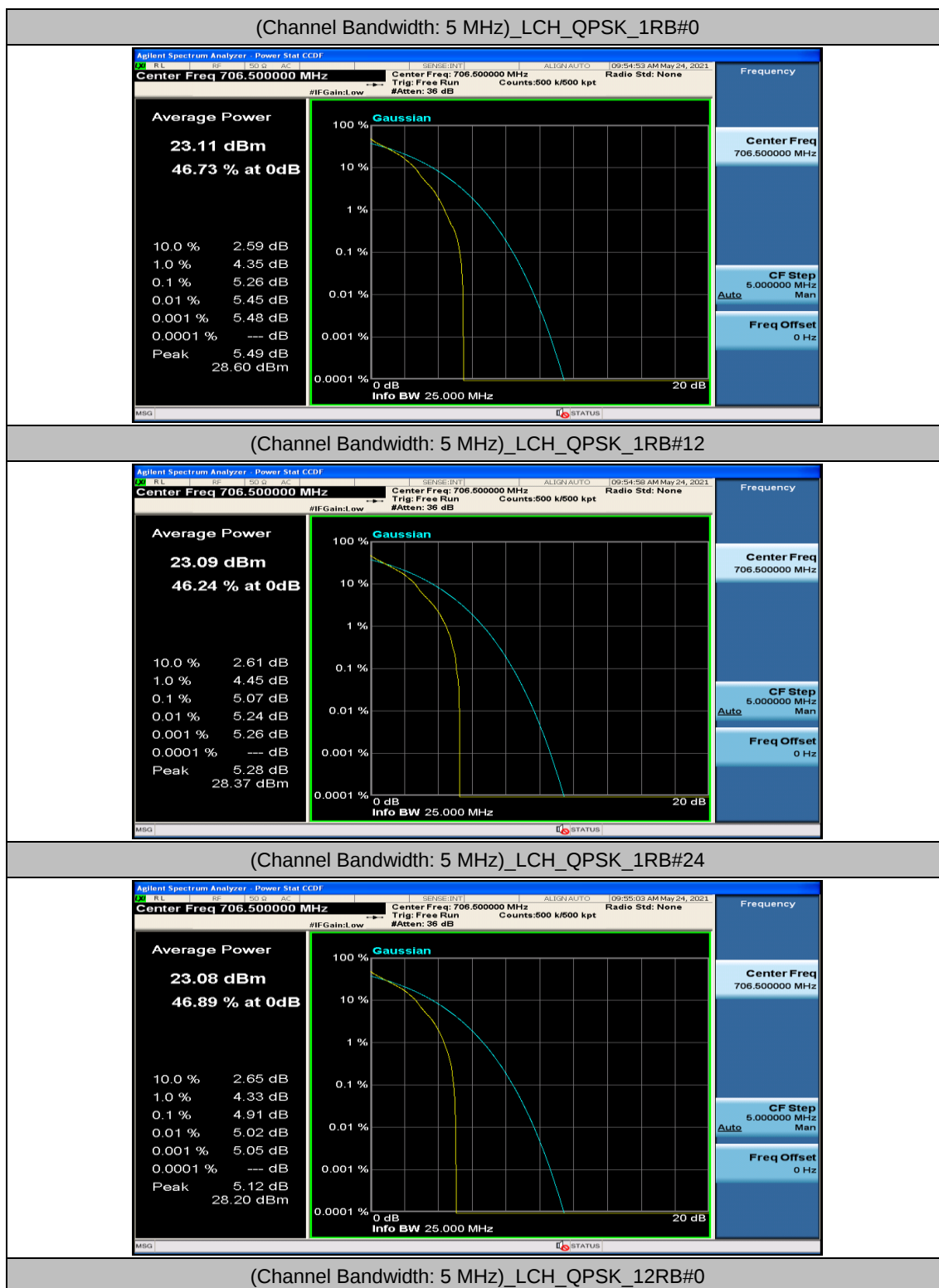
Channel Bandwidth: 10 MHz

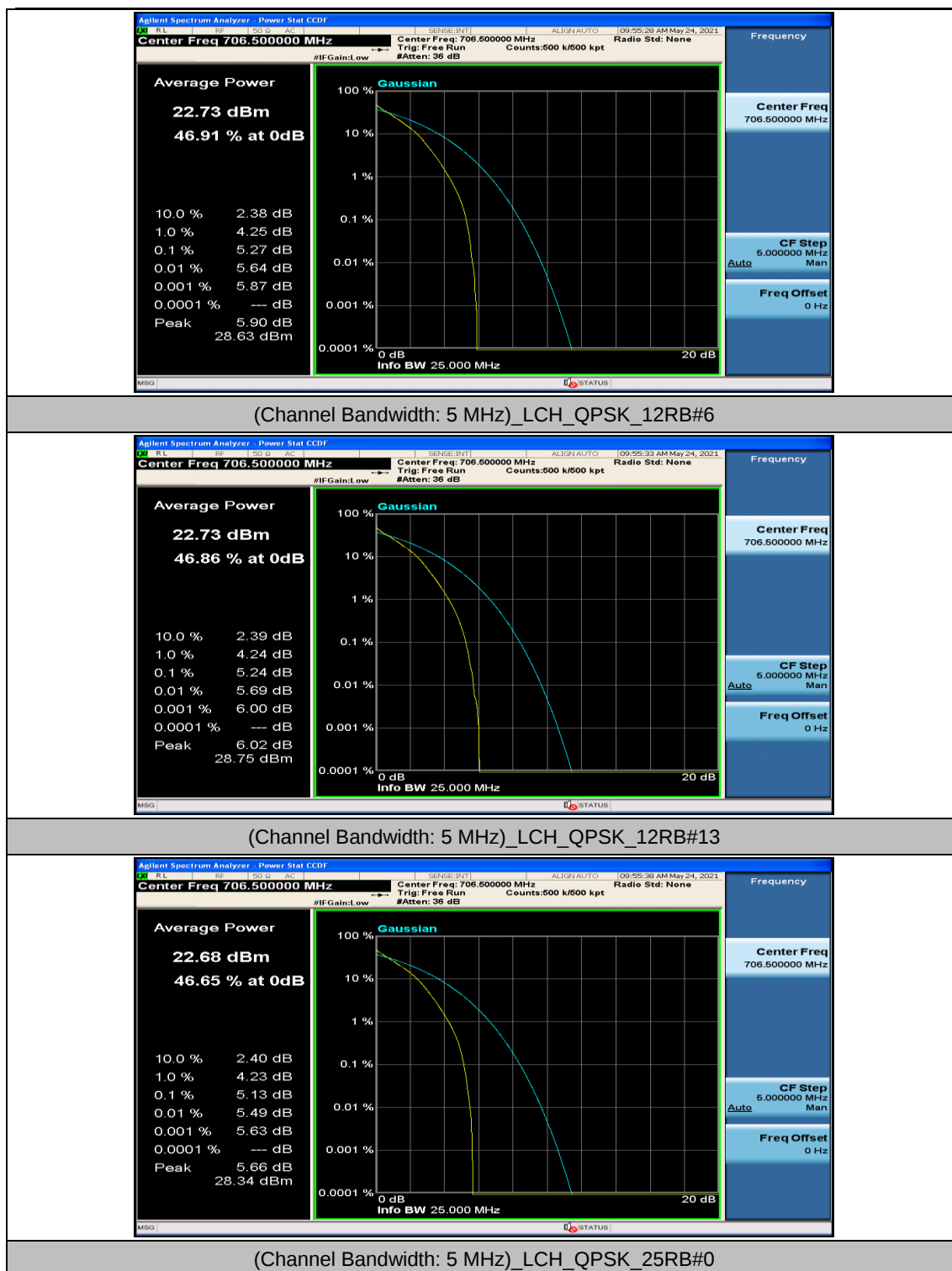
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	5.23	<13	PASS
		1	24	4.73	<13	PASS
		1	49	5.16	<13	PASS
		25	0	5.35	<13	PASS
		25	12	5.4	<13	PASS
		25	25	5.37	<13	PASS
		50	0	5.63	<13	PASS
		1	0	4.78	<13	PASS
	MCH	1	24	4.56	<13	PASS
		1	49	4.83	<13	PASS
		25	0	5.25	<13	PASS
		25	12	5.47	<13	PASS
		25	25	5.49	<13	PASS
		50	0	5.68	<13	PASS
		1	0	4.8	<13	PASS
		1	24	4.69	<13	PASS
	HCH	1	49	4.8	<13	PASS
		25	0	5.33	<13	PASS
		25	12	5.33	<13	PASS
		25	25	5.39	<13	PASS
		50	0	5.54	<13	PASS
16QAM	LCH	1	0	5.67	<13	PASS
		1	24	5.26	<13	PASS
		1	49	5.78	<13	PASS
		25	0	6.12	<13	PASS

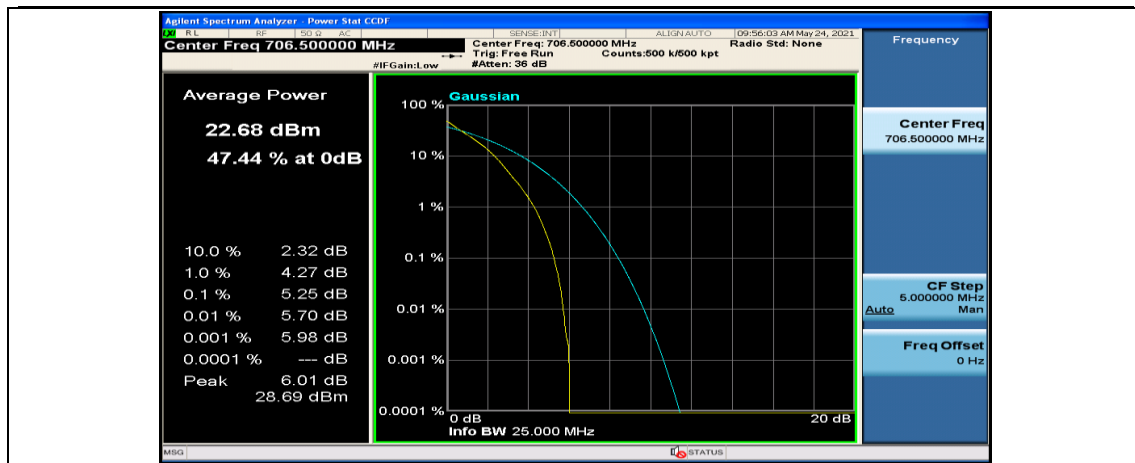
		25	12	6.22	<13	PASS
		25	25	6.28	<13	PASS
		50	0	6.27	<13	PASS
	MCH	1	0	5.43	<13	PASS
		1	24	5.57	<13	PASS
		1	49	5.88	<13	PASS
		25	0	6.03	<13	PASS
		25	12	6.29	<13	PASS
		25	25	6.3	<13	PASS
		50	0	6.37	<13	PASS
	HCH	1	0	5.82	<13	PASS
		1	24	5.6	<13	PASS
		1	49	5.8	<13	PASS
		25	0	6.24	<13	PASS
		25	12	6.25	<13	PASS
		25	25	6.28	<13	PASS
		50	0	6.27	<13	PASS

Test Graphs

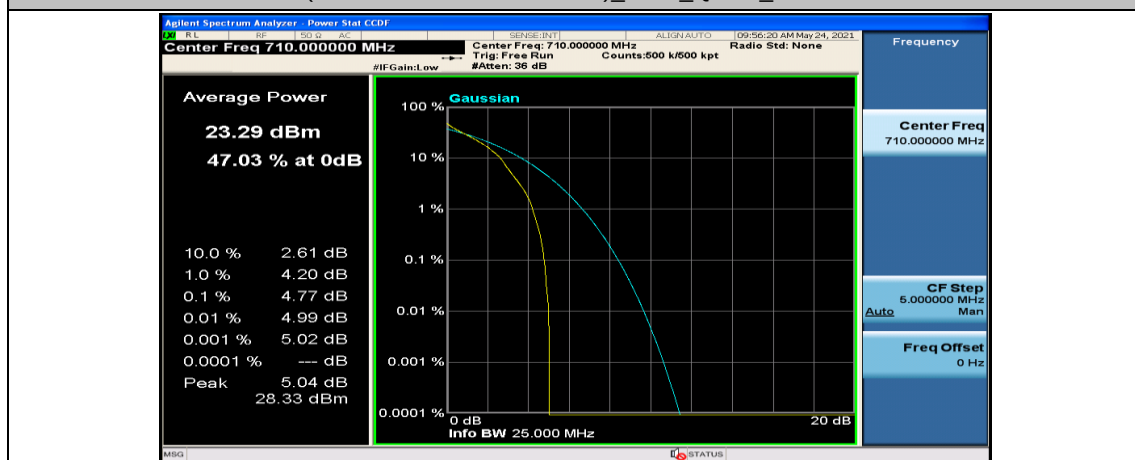
Channel Bandwidth: 5 MHz



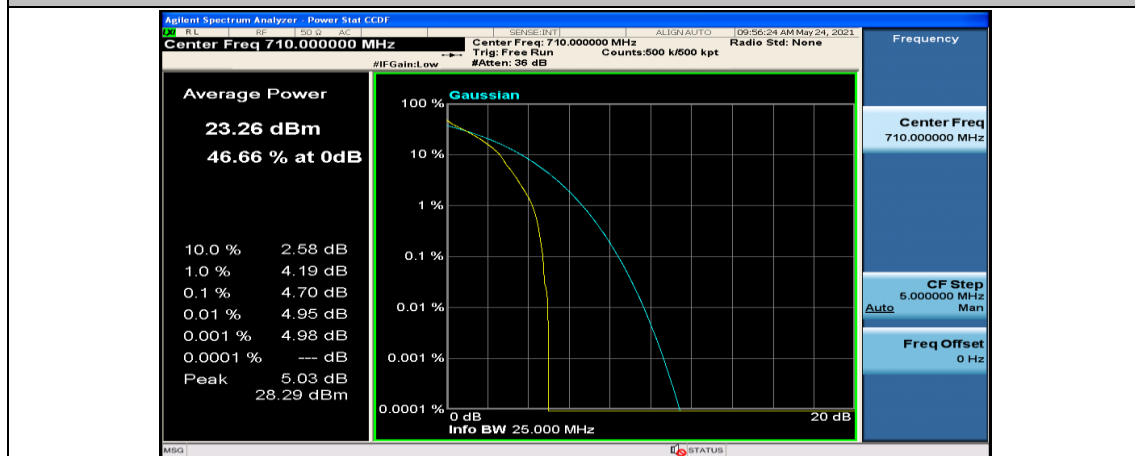




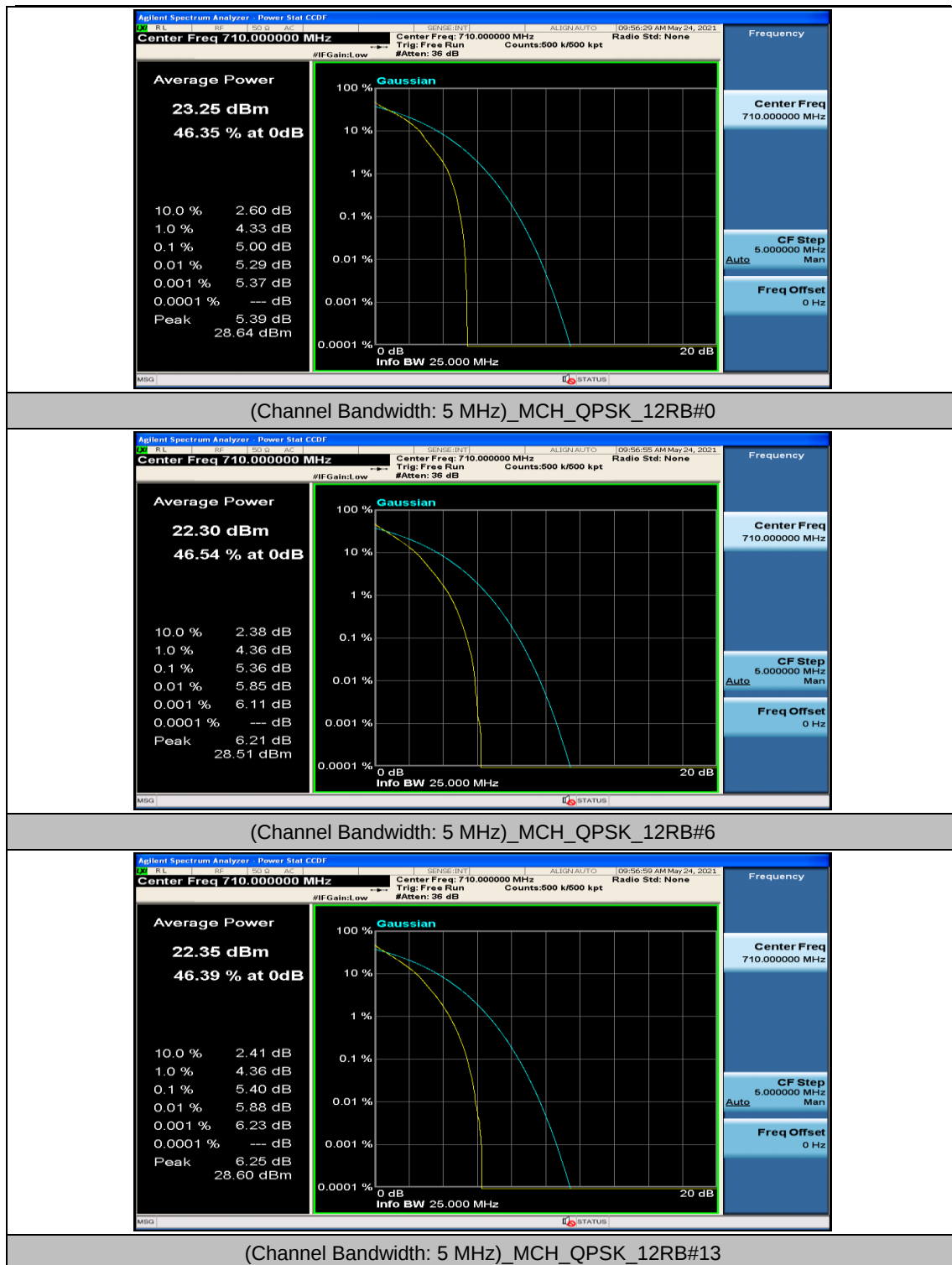
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

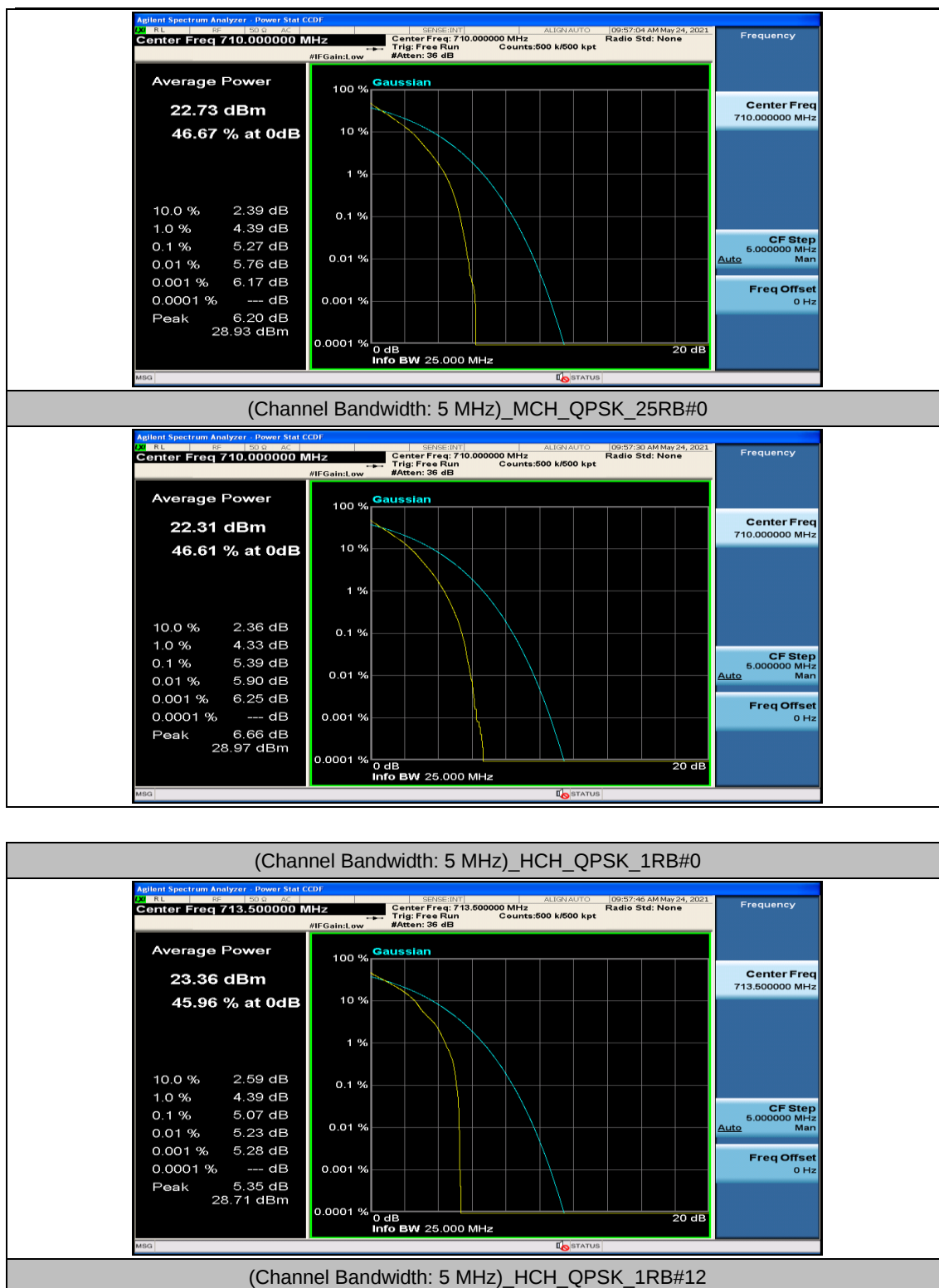


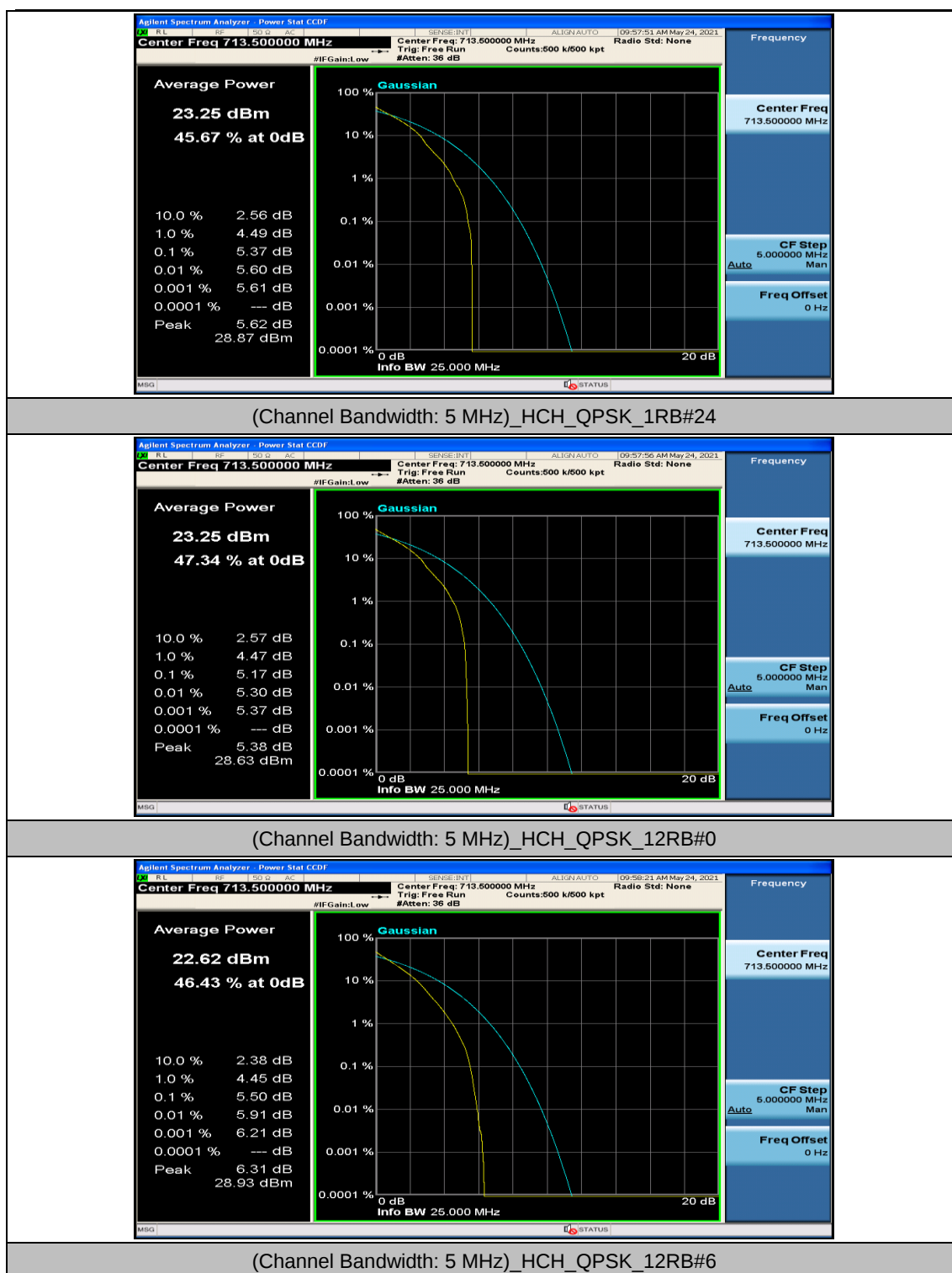
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

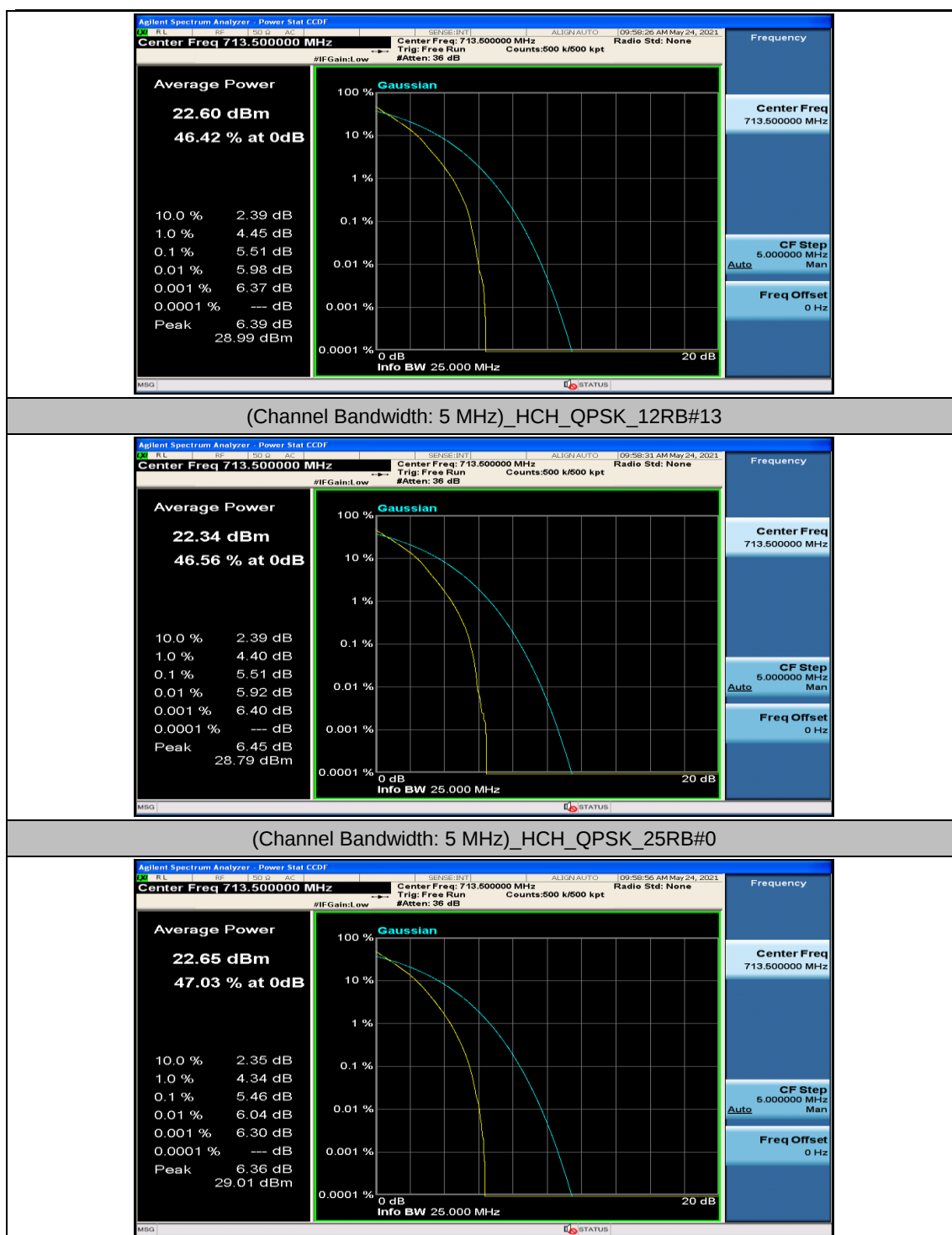


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

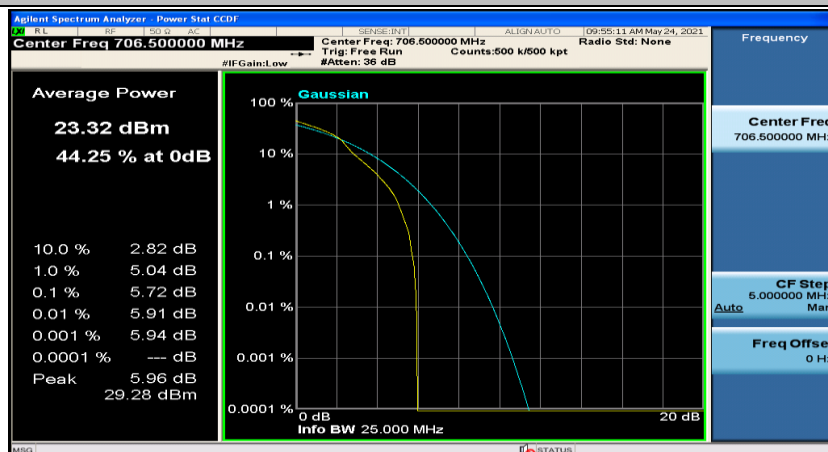




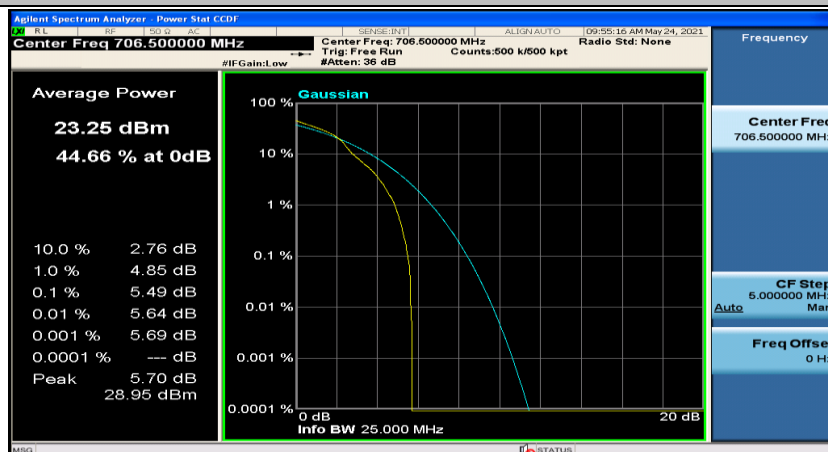




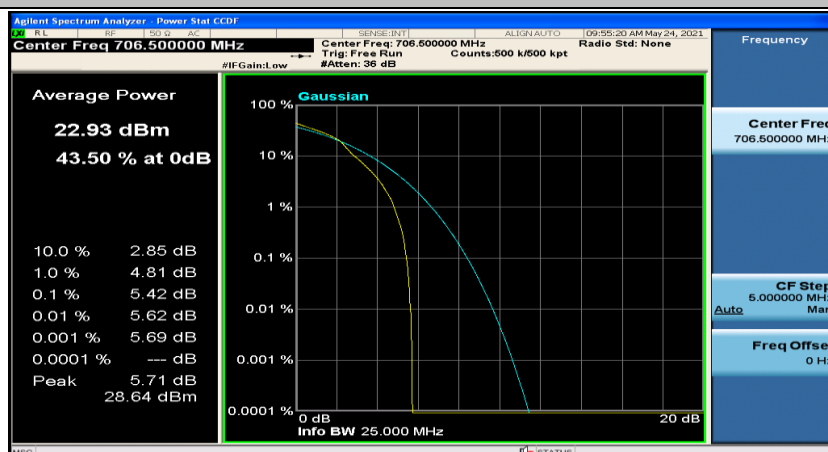
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



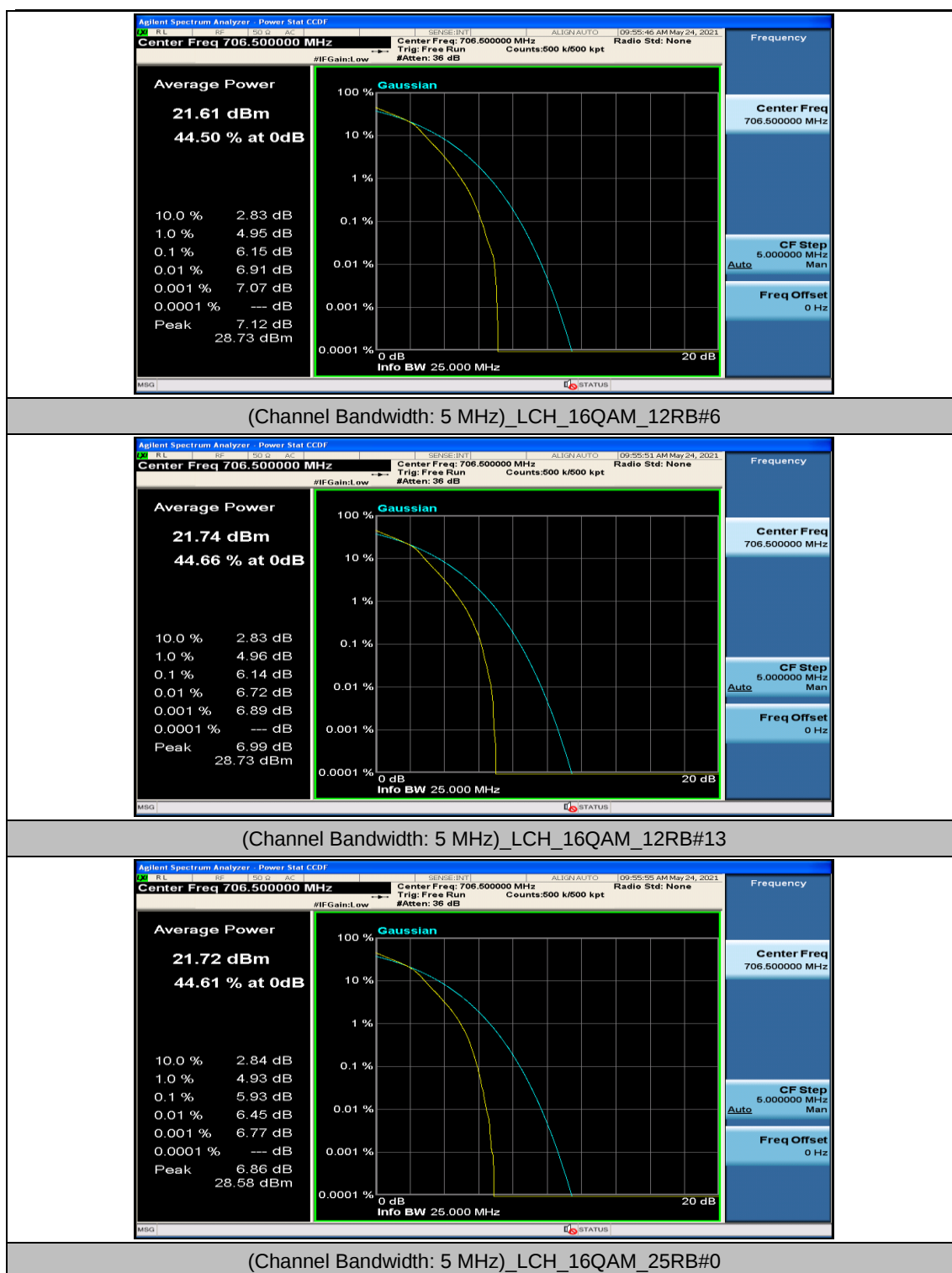
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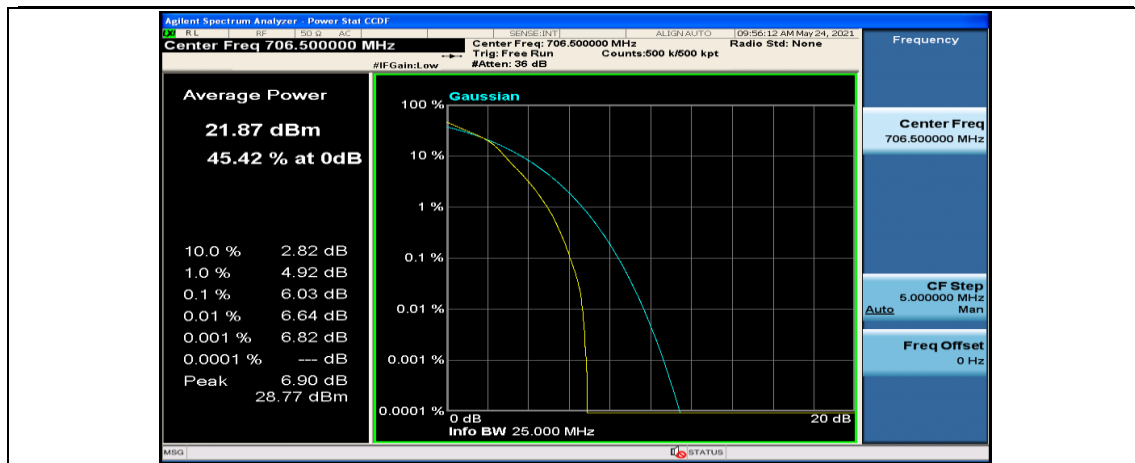


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24

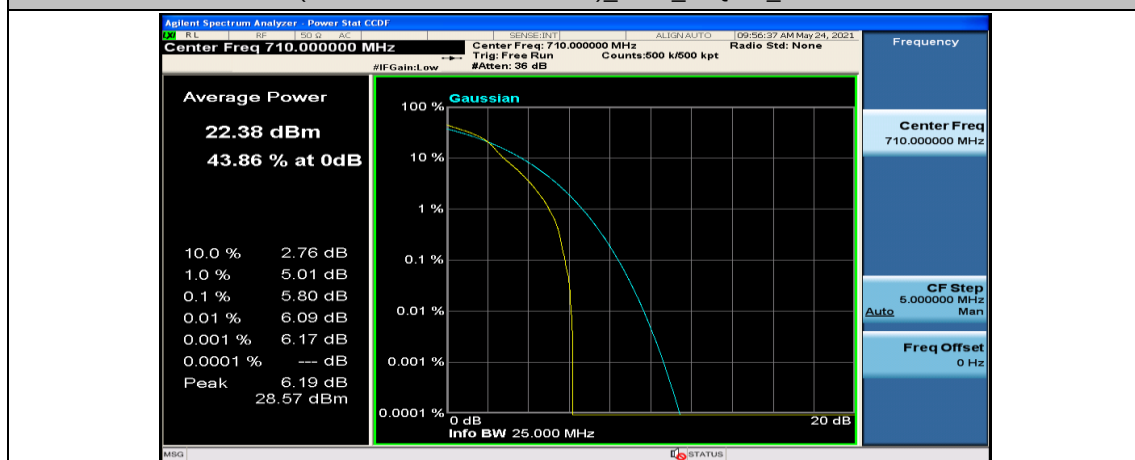


(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0

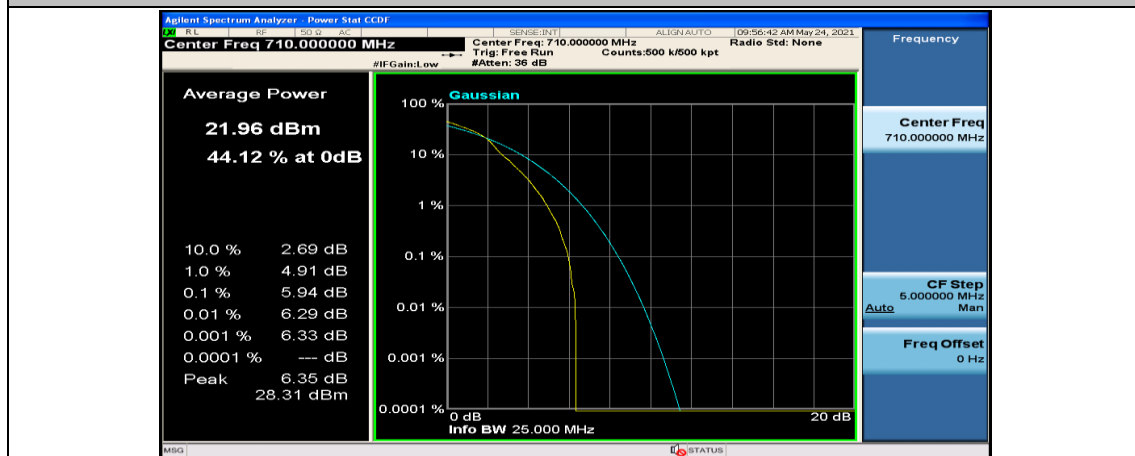




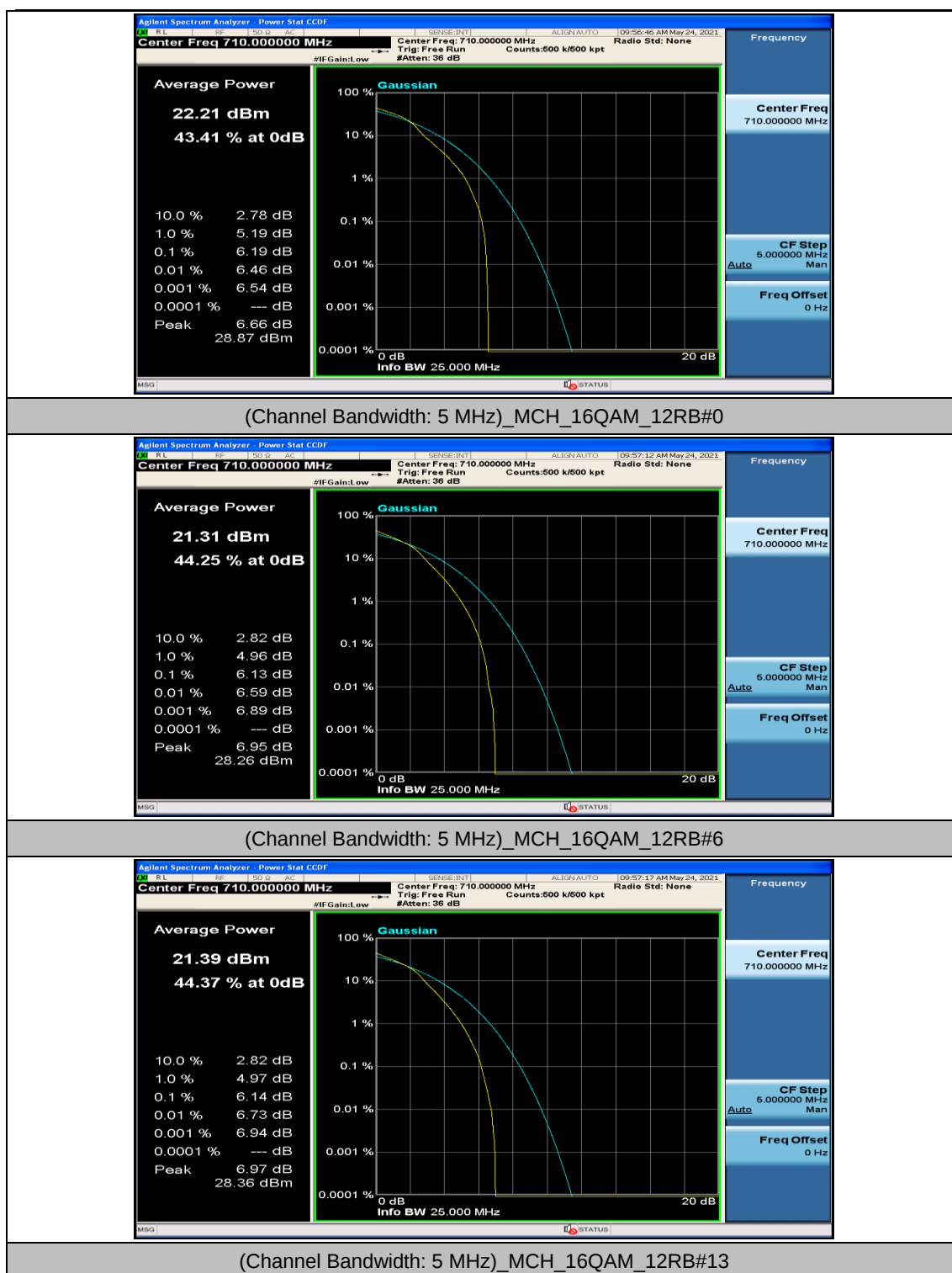
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

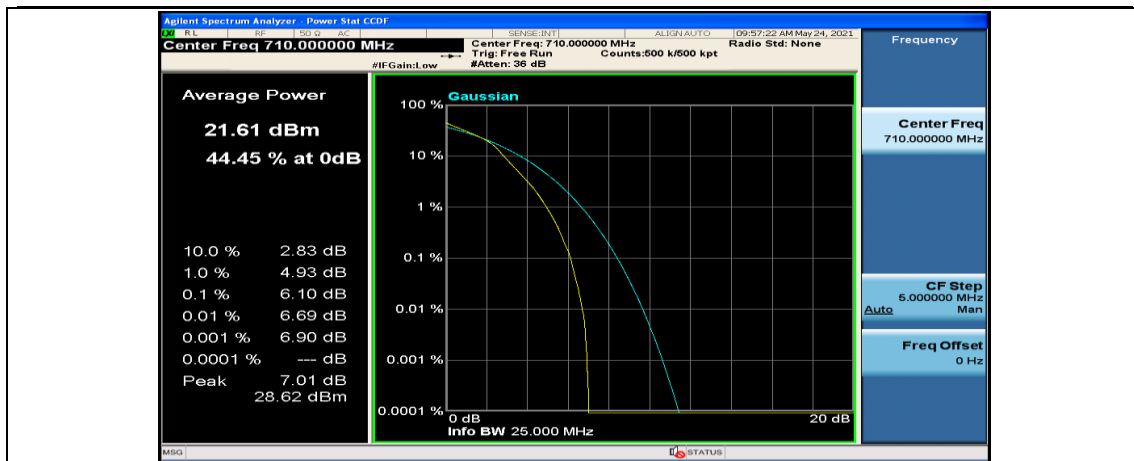


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

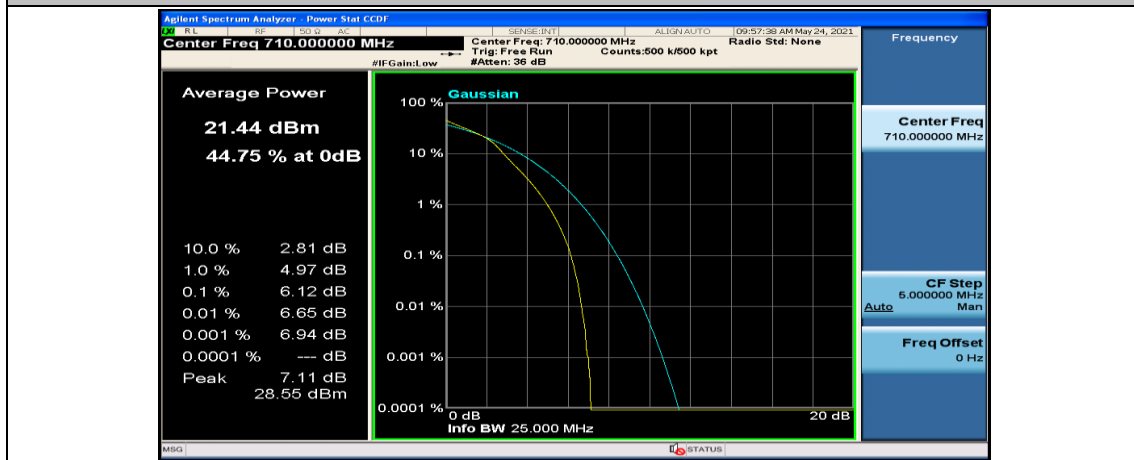


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

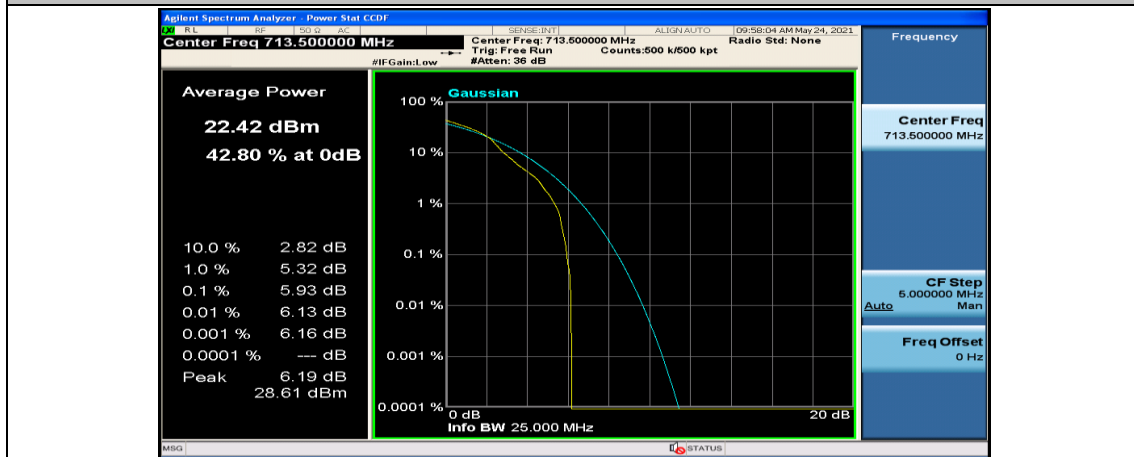




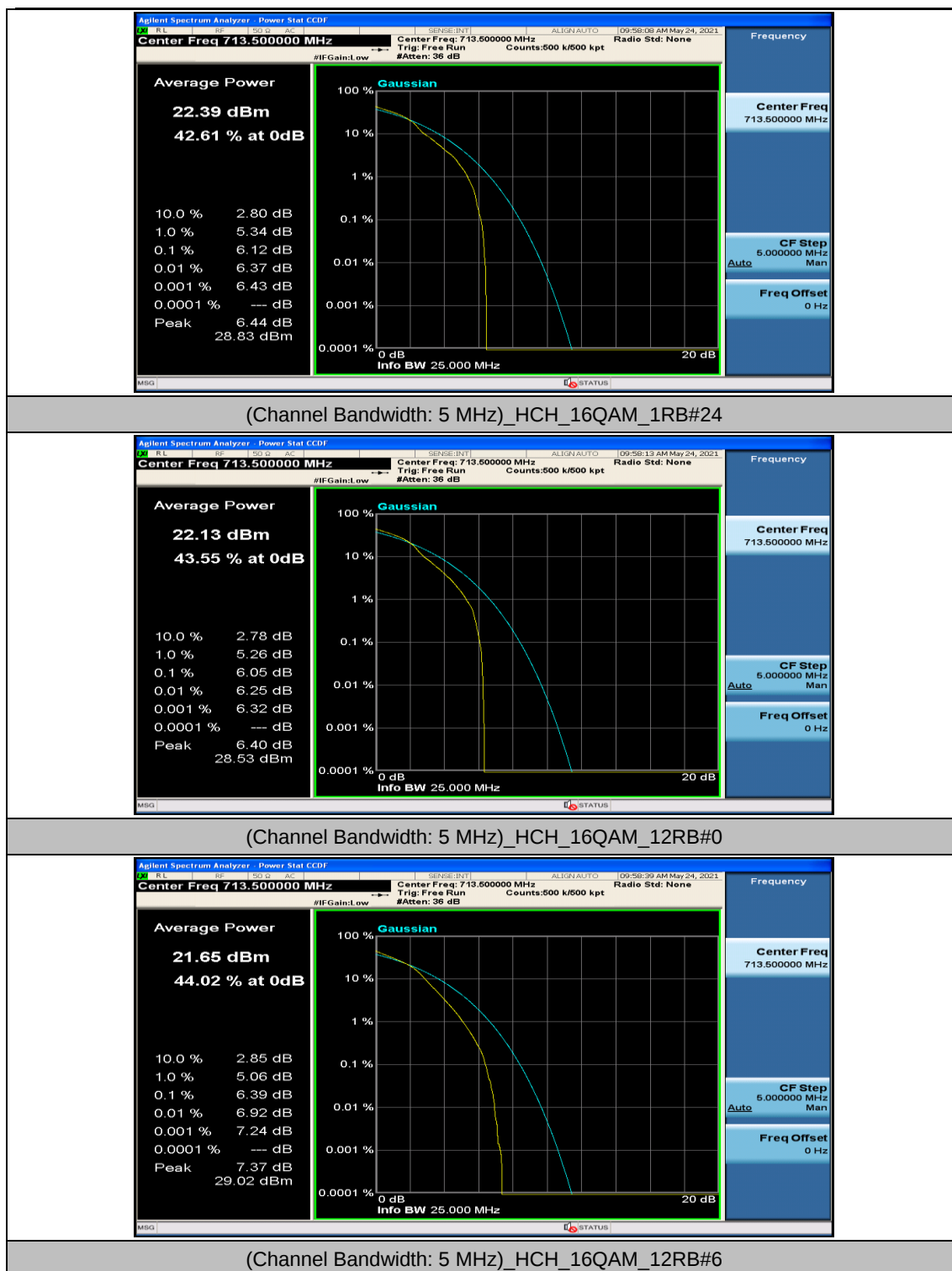
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

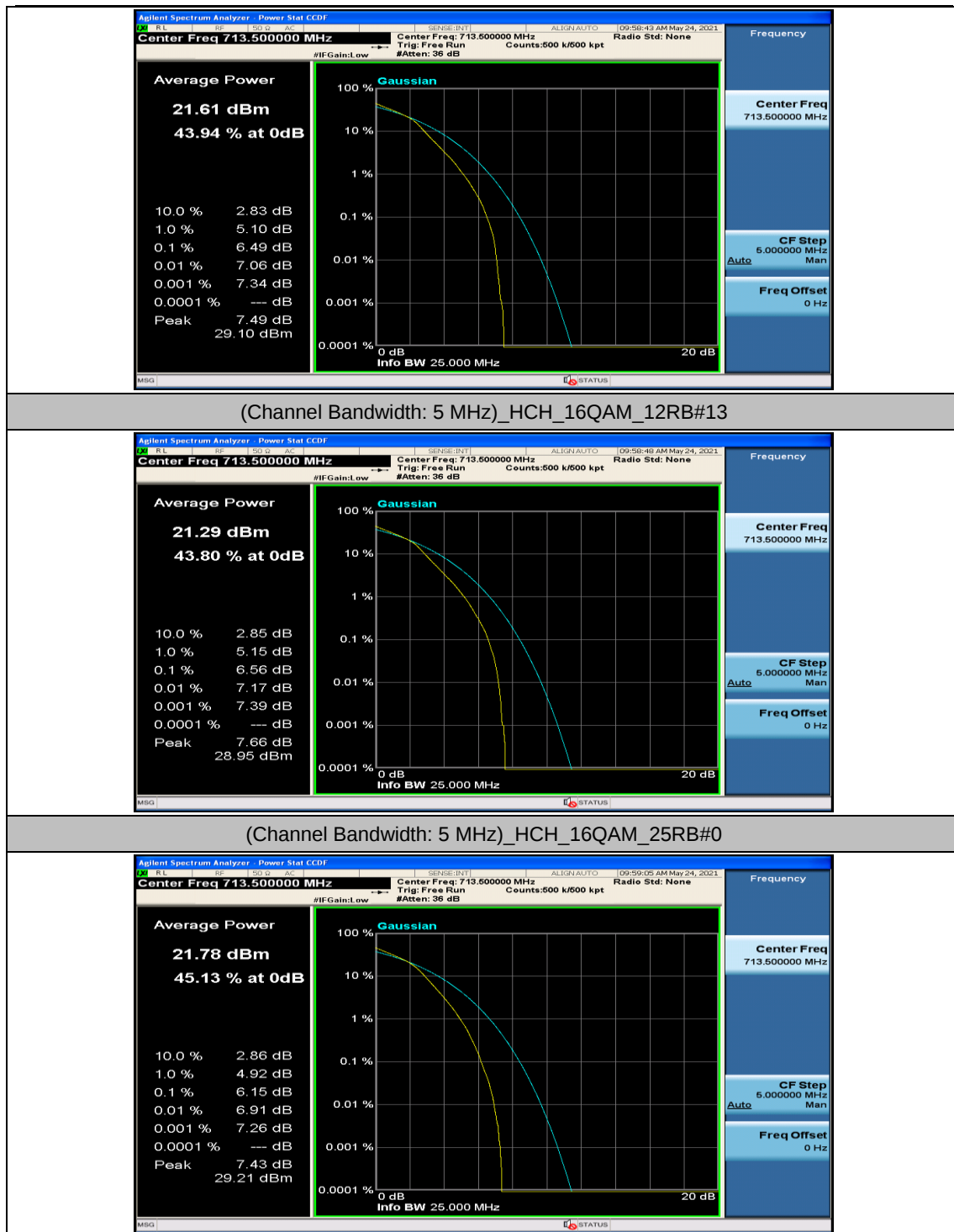


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

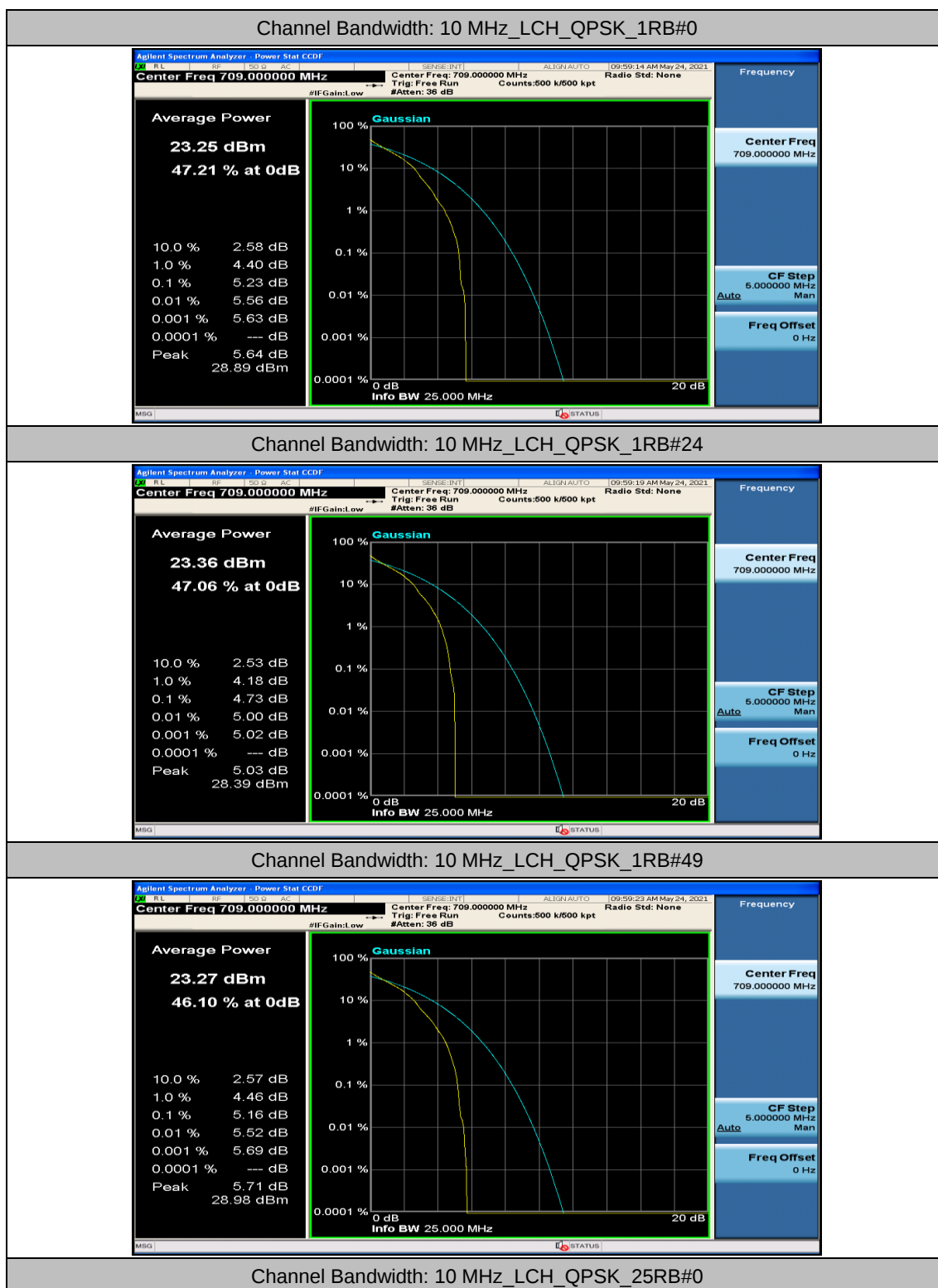


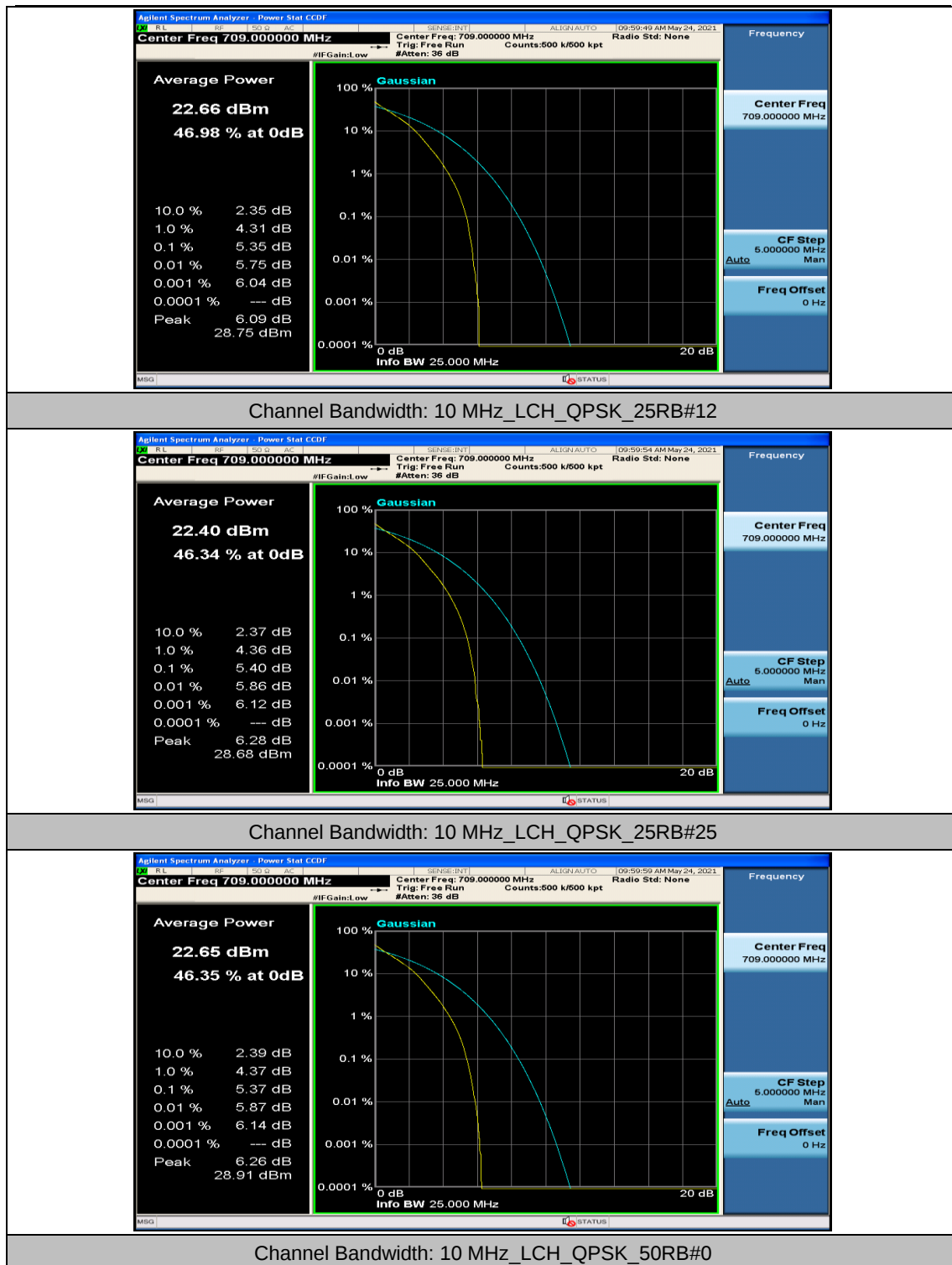
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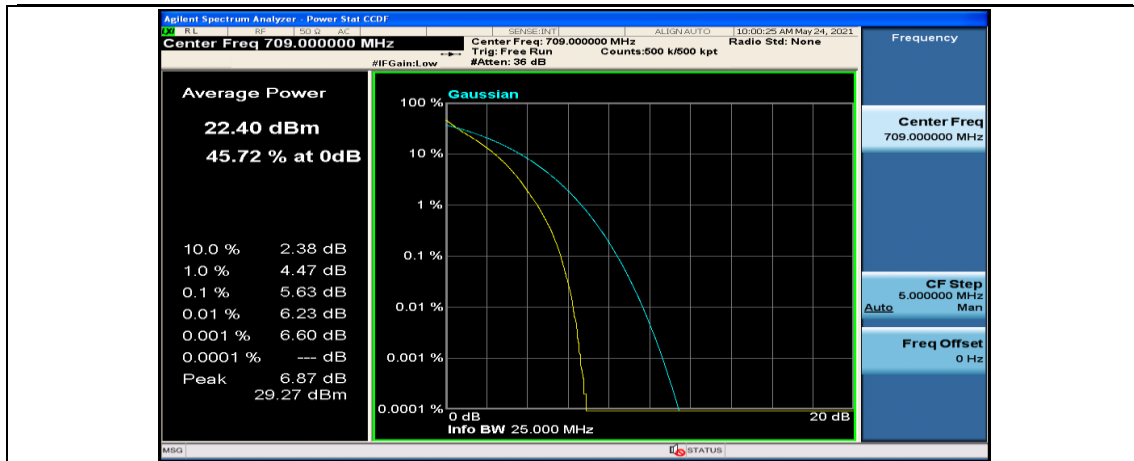




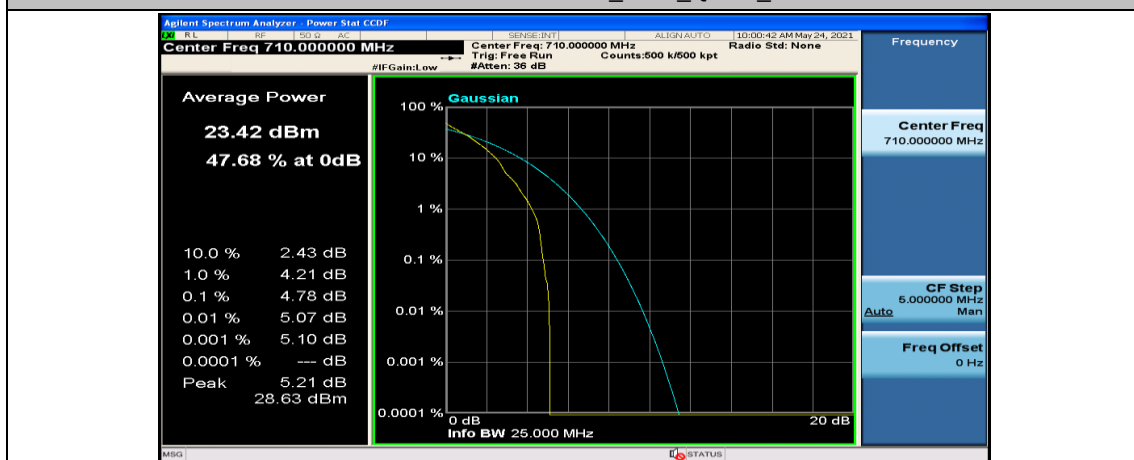
Channel Bandwidth: 10 MHz



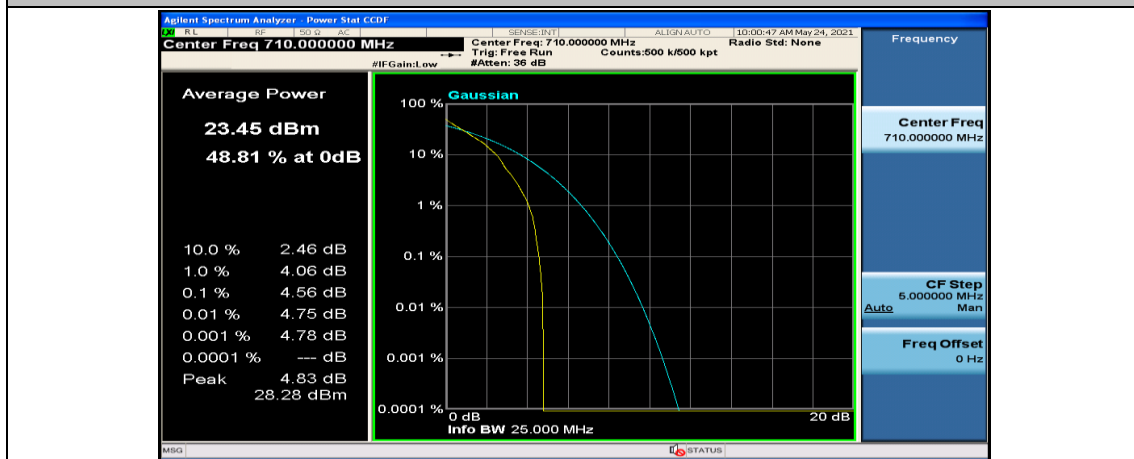




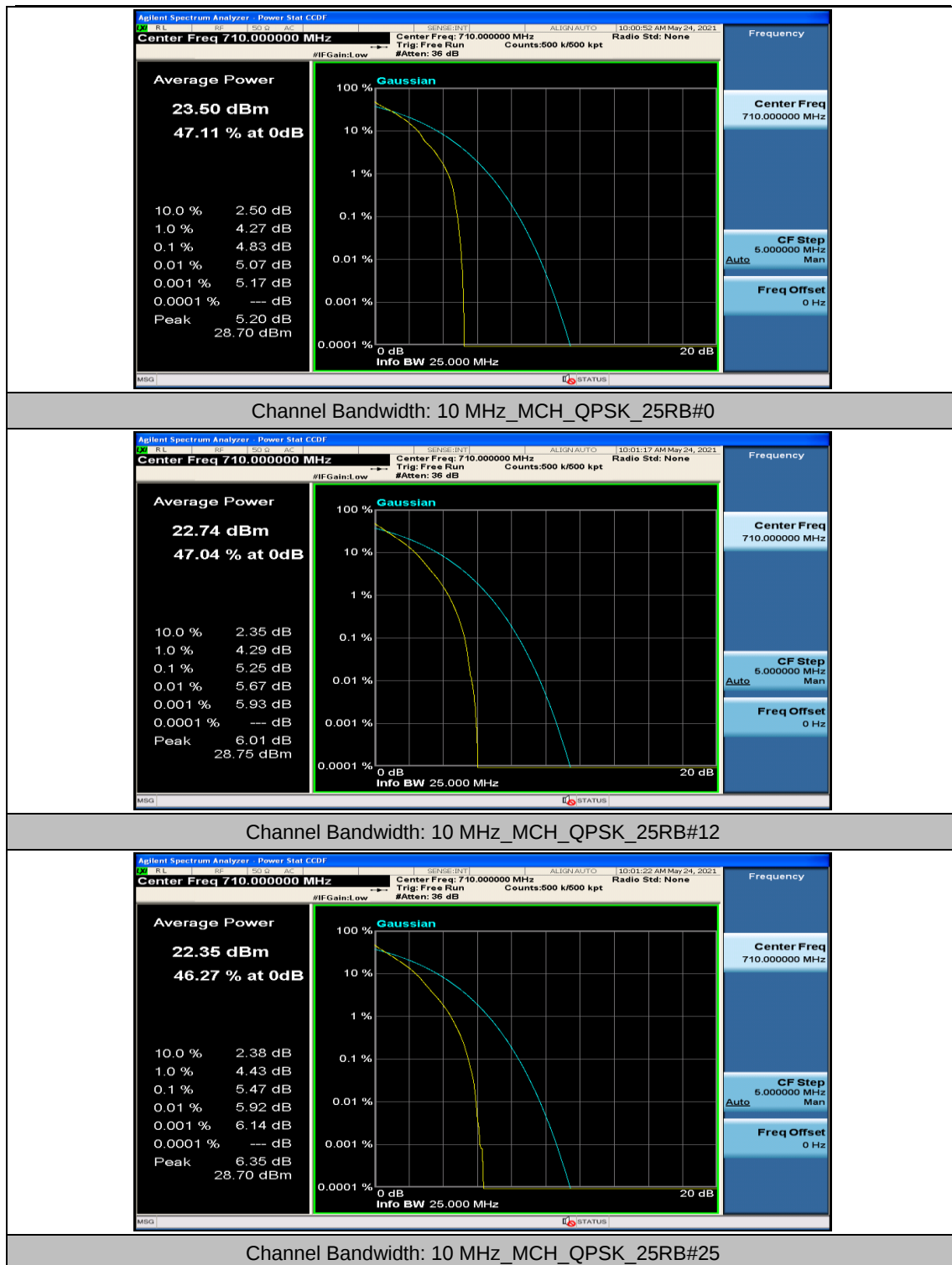
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

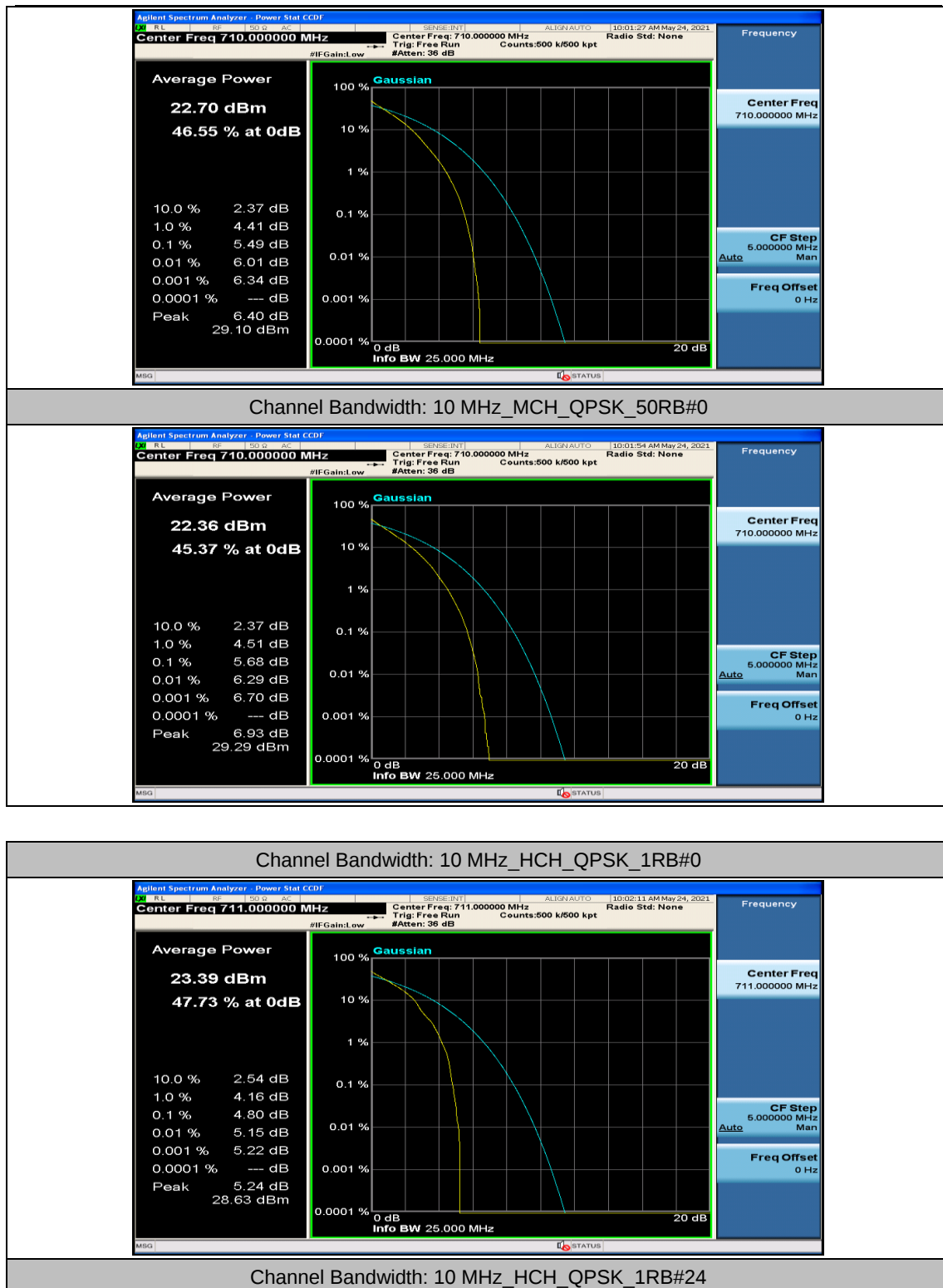


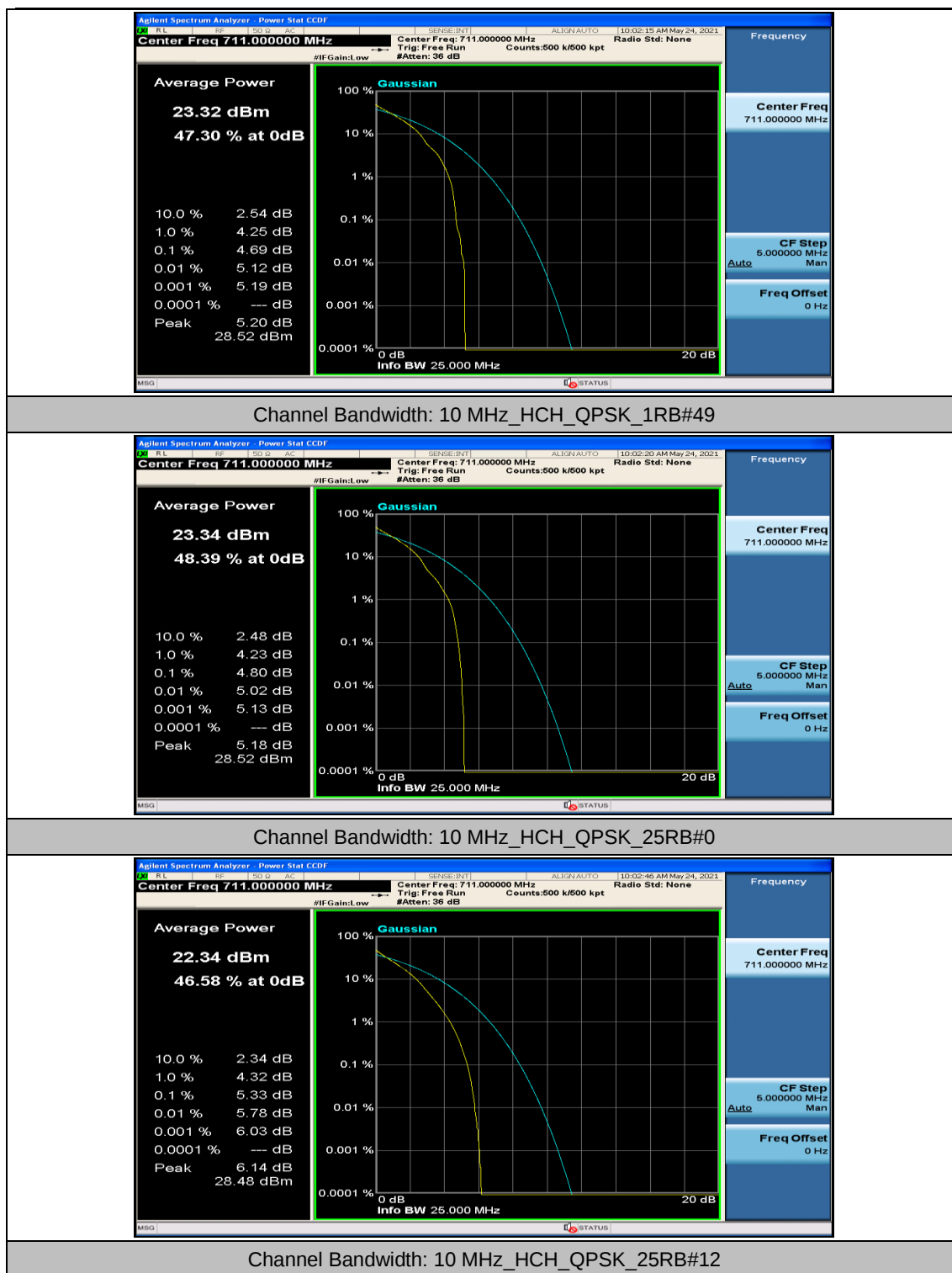
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

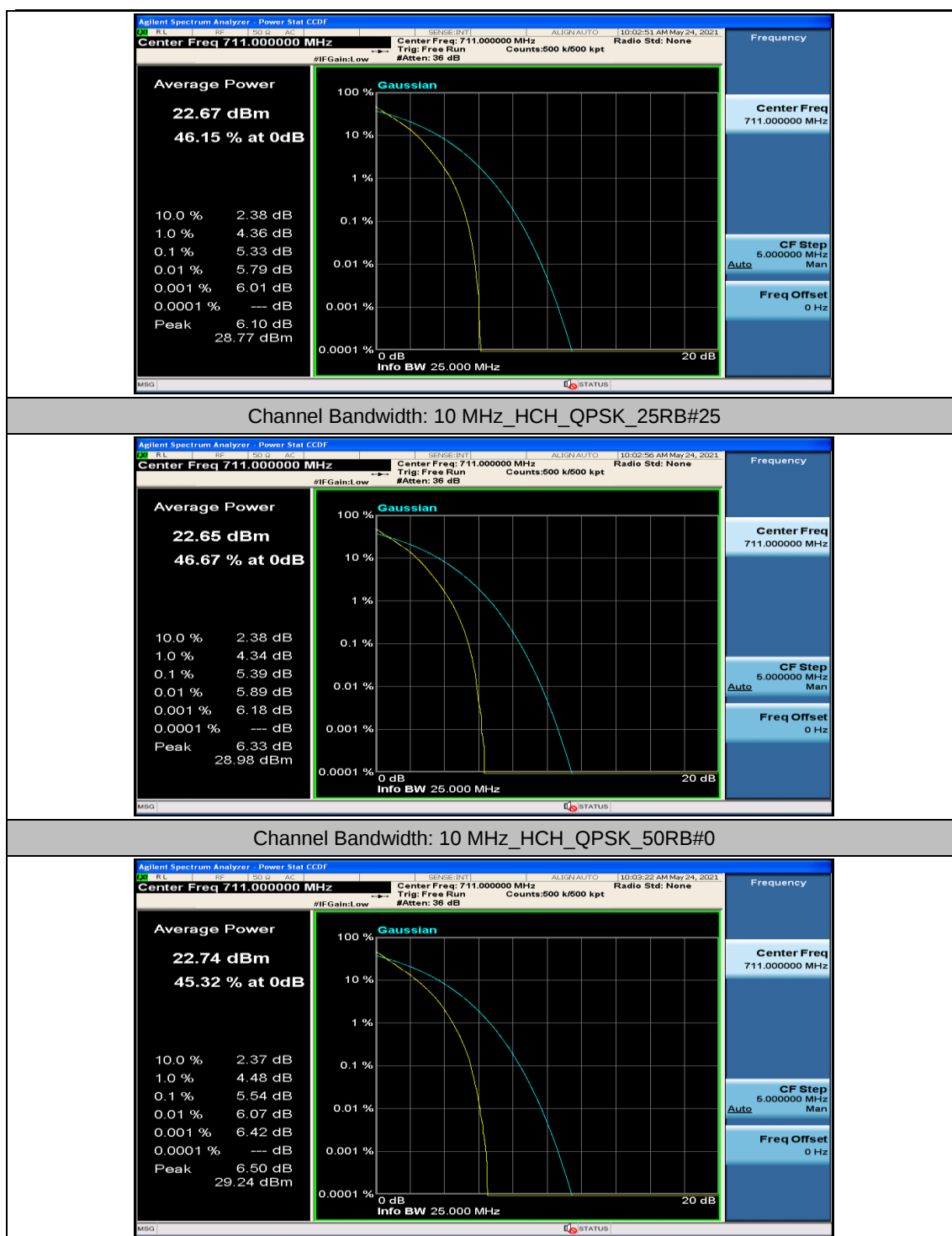


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

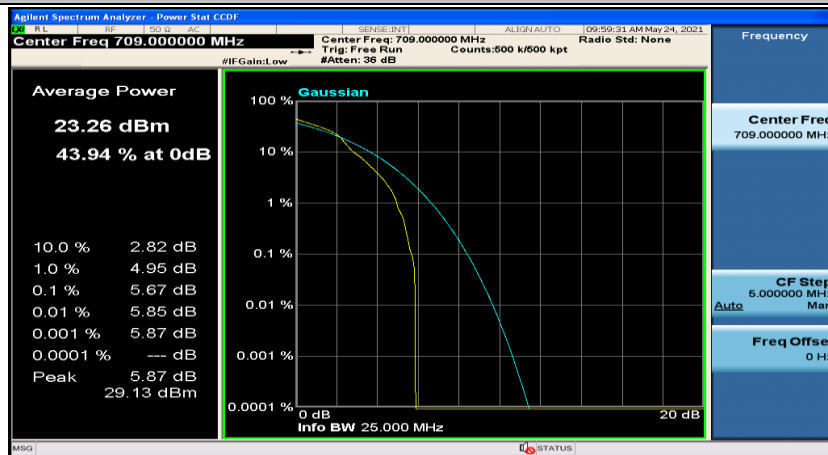




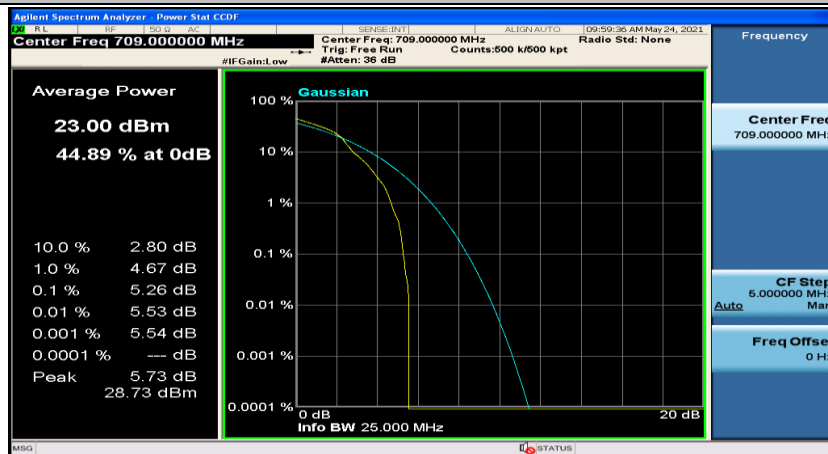




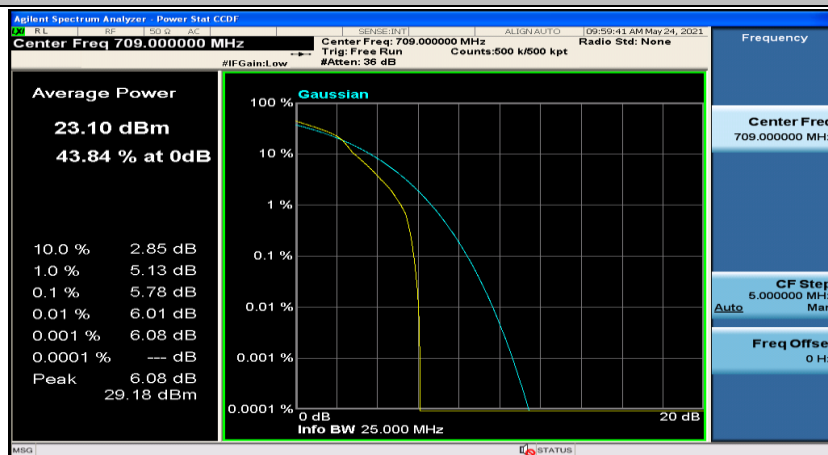
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



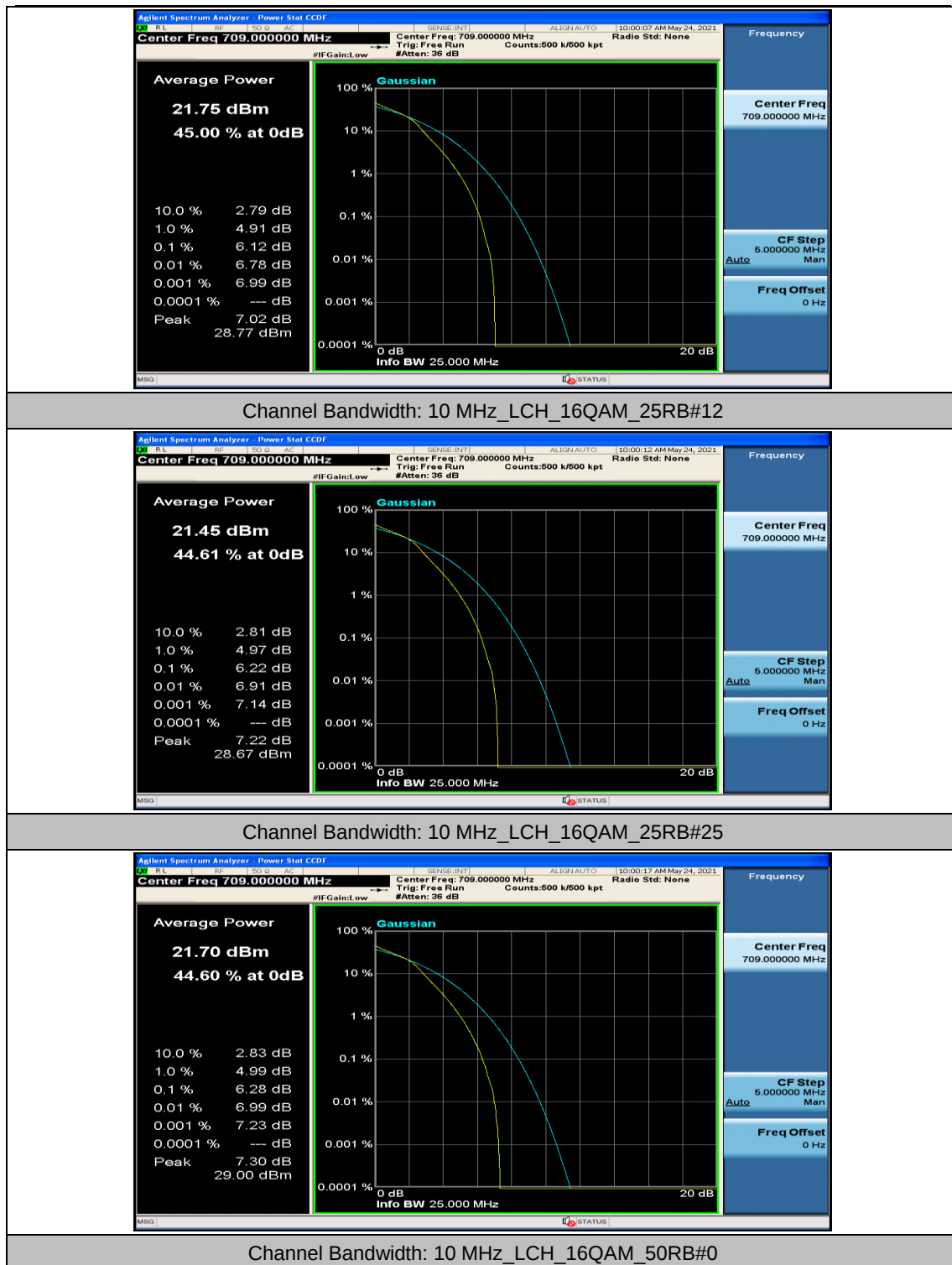
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

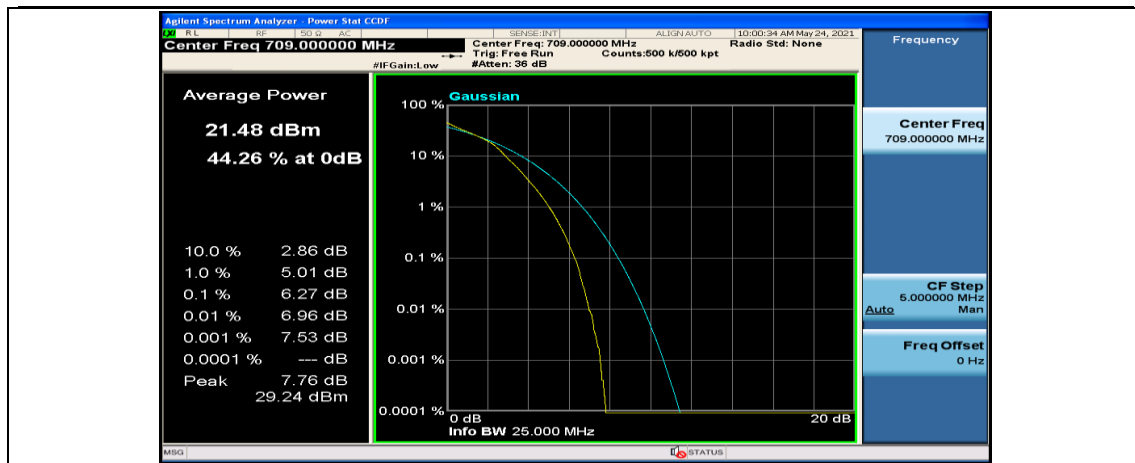


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

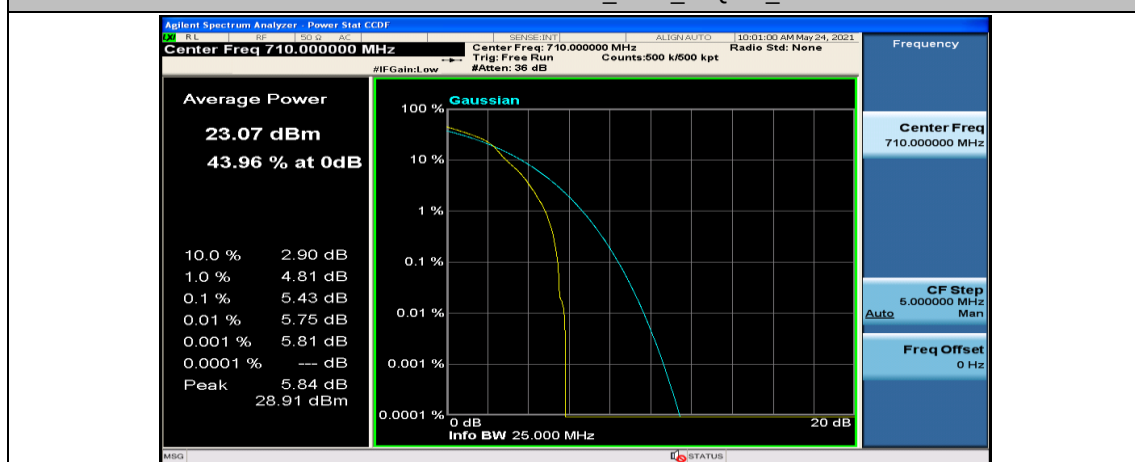


Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0

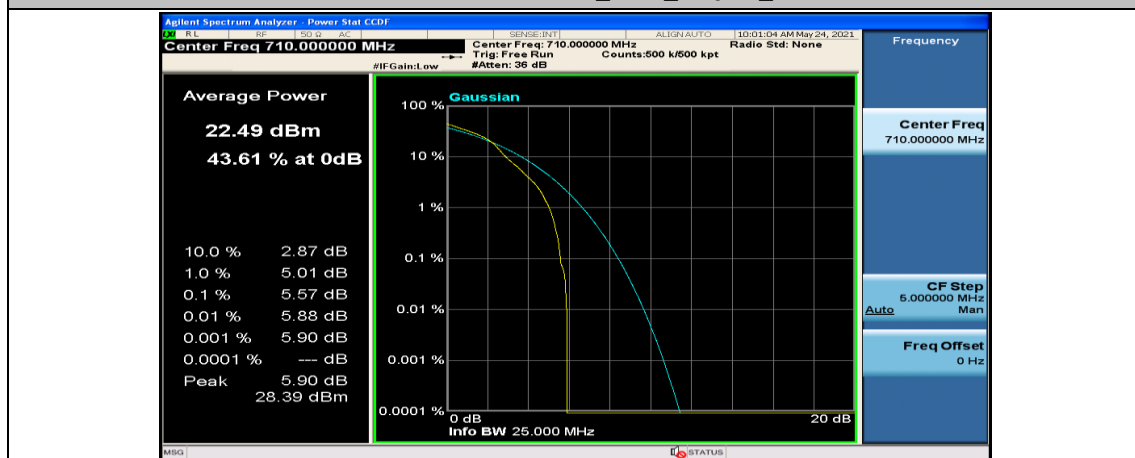




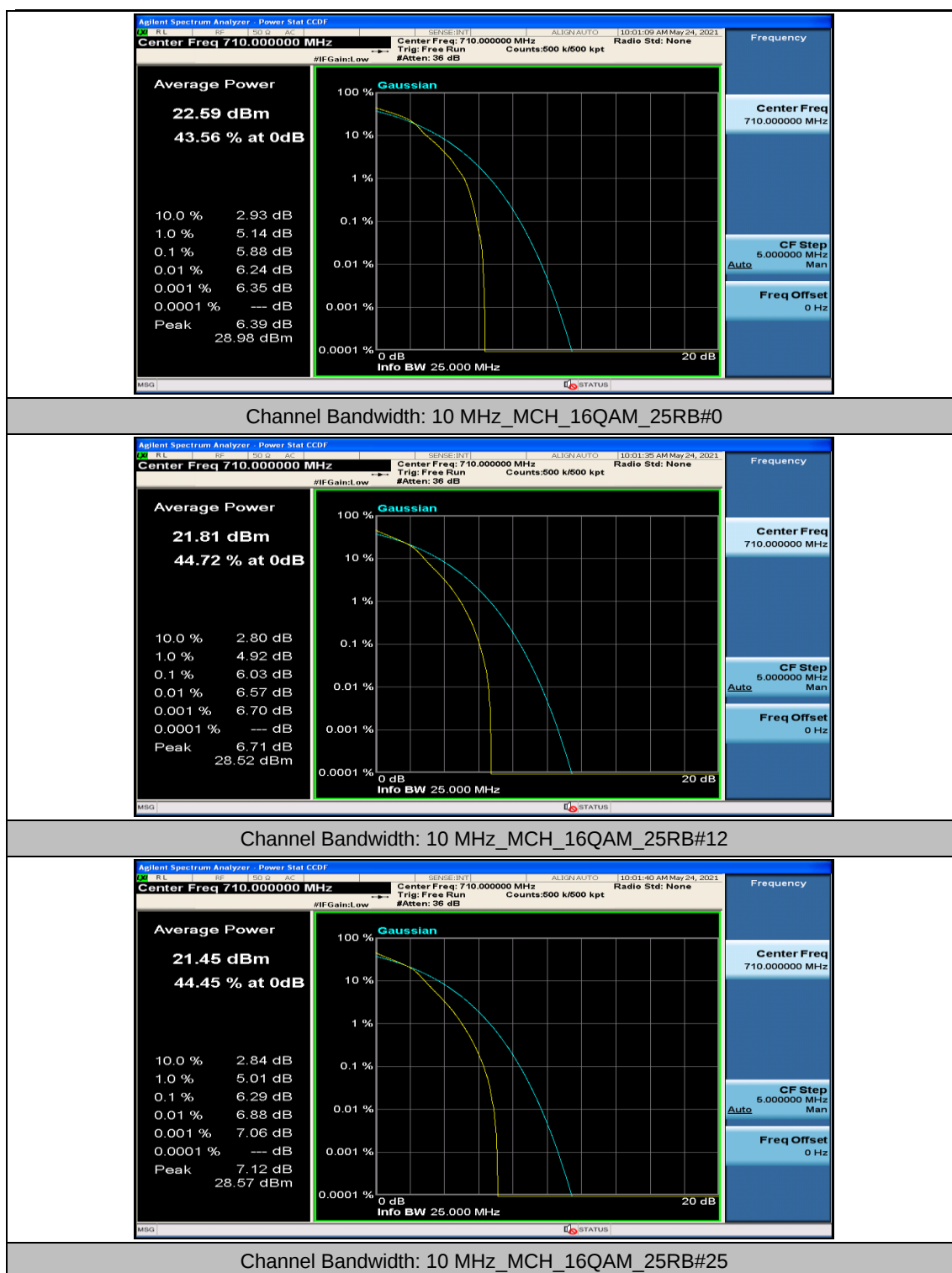
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

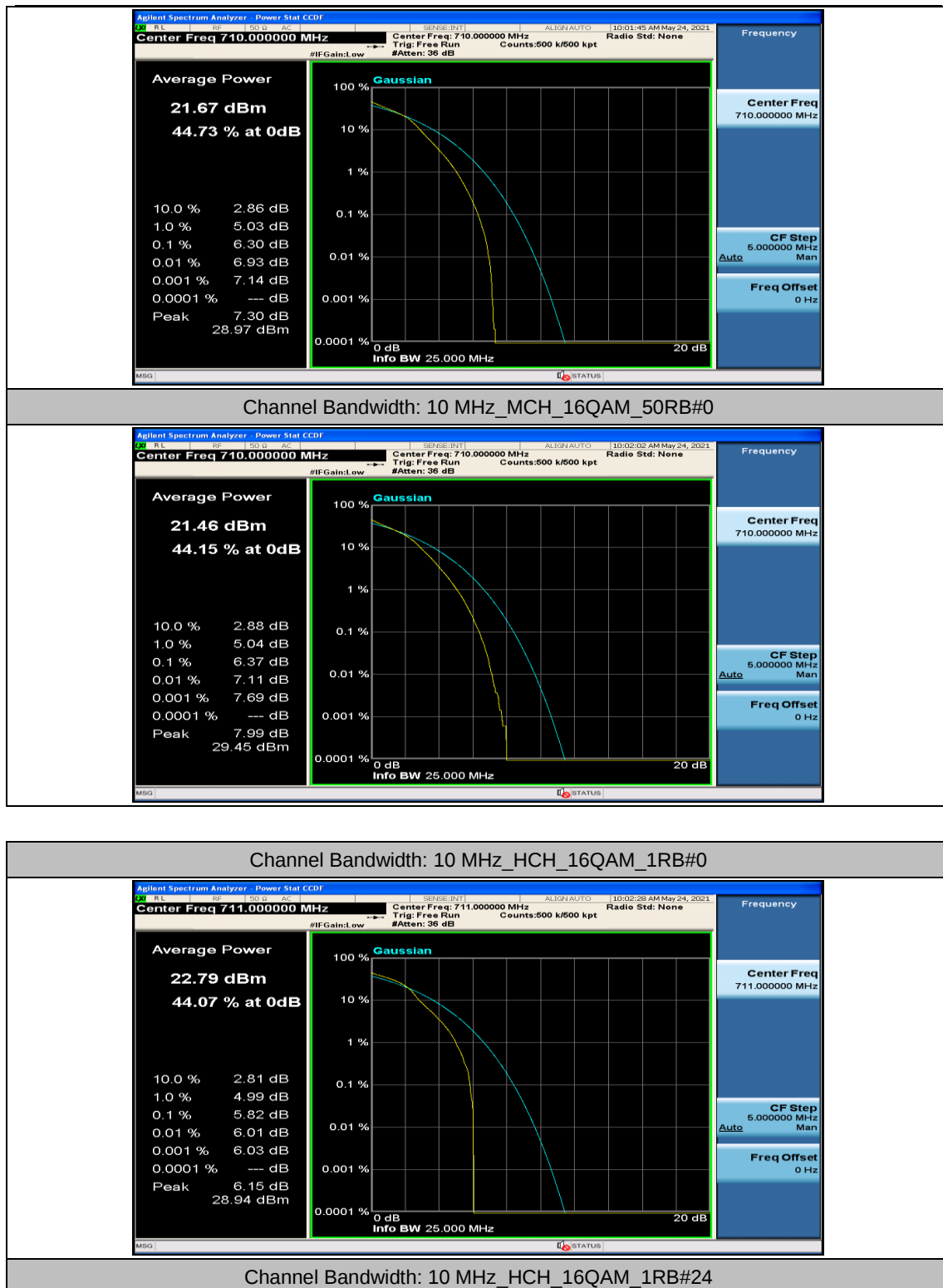


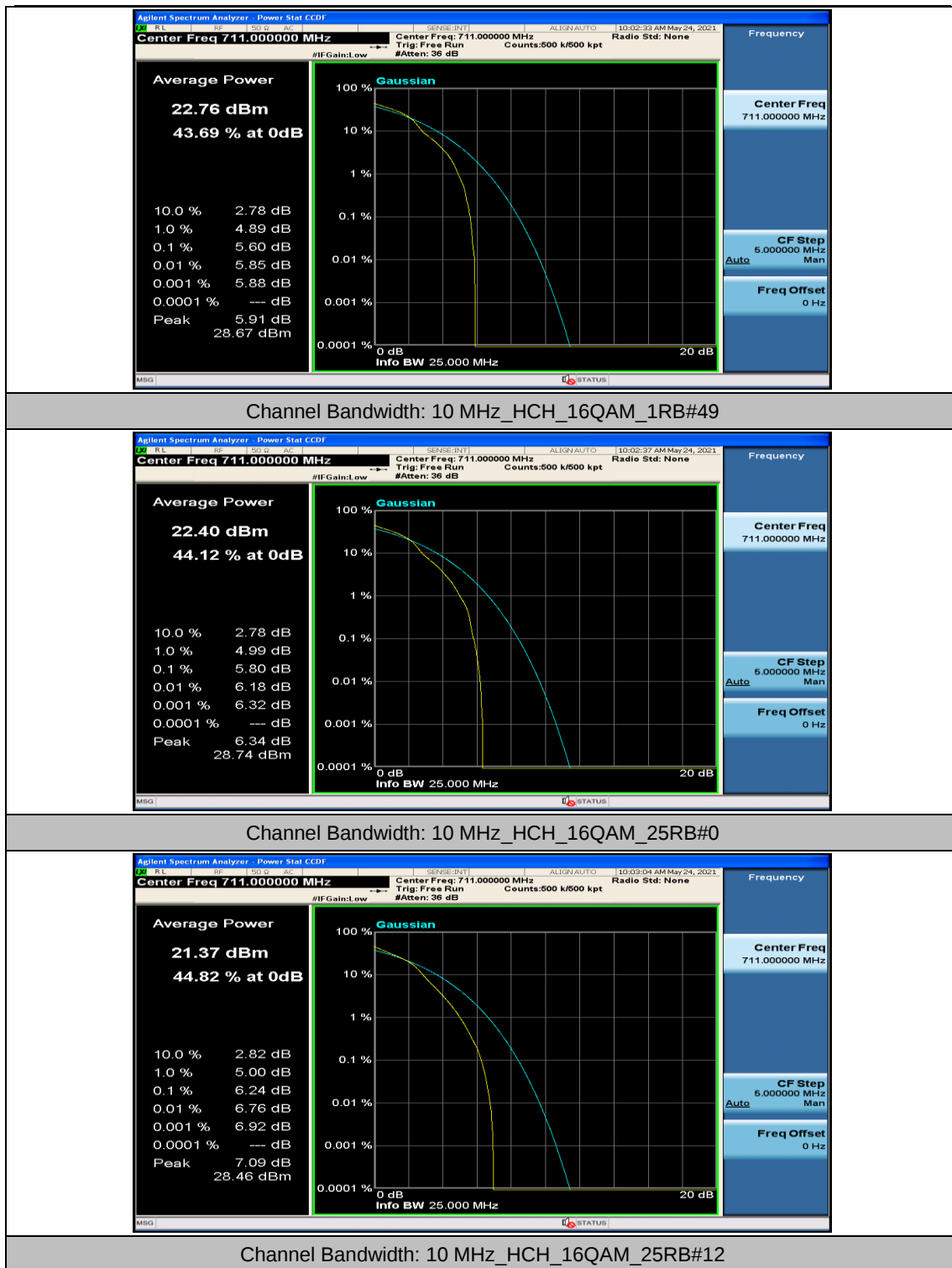
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

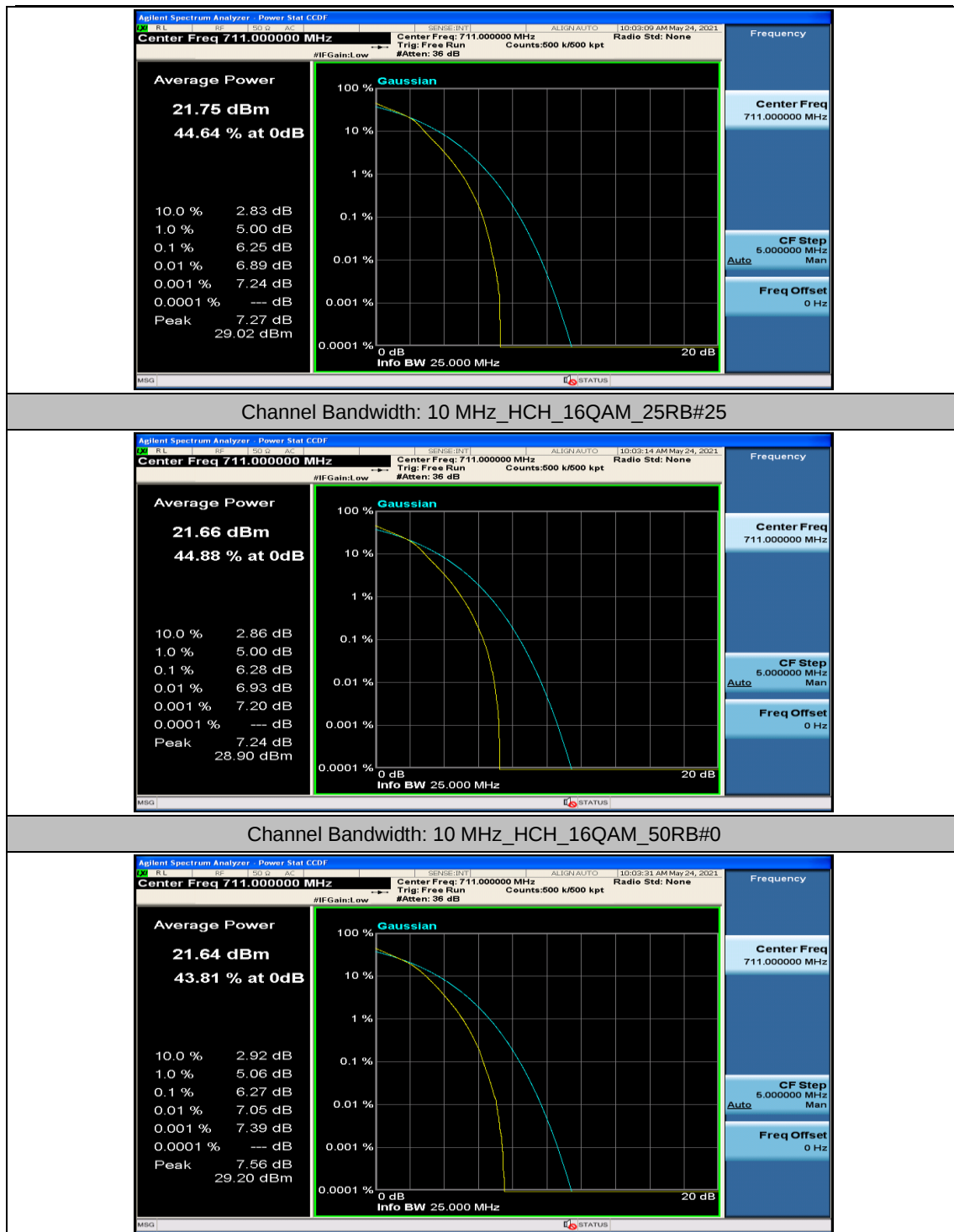


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49









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	4.4672	4.824	PASS
	MCH	25	0	4.4710	4.818	PASS
	HCH	25	0	4.4770	4.811	PASS
16QAM	LCH	25	0	4.4682	4.808	PASS
	MCH	25	0	4.4774	4.802	PASS
	HCH	25	0	4.4645	4.826	PASS

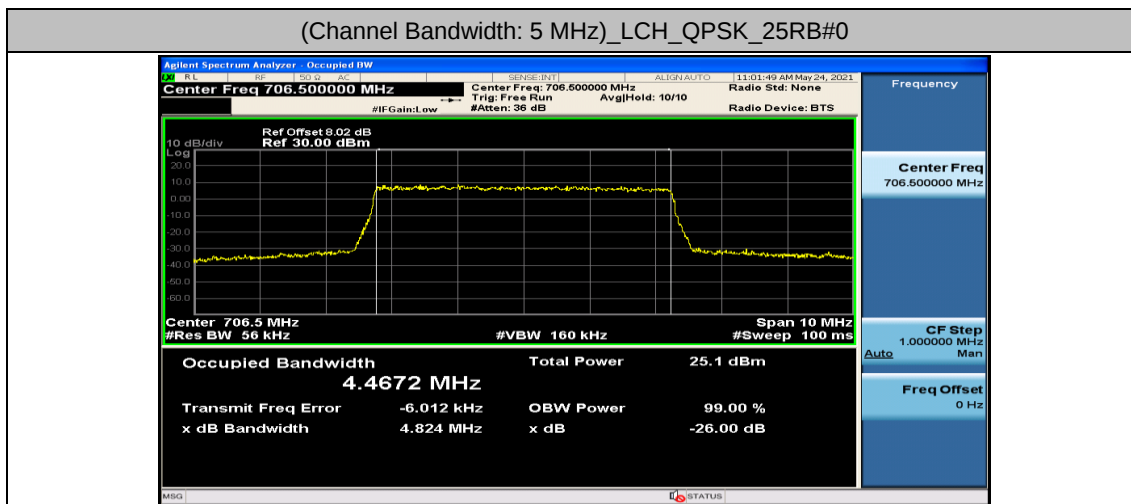
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9620	9.523	PASS
	MCH	50	0	8.9523	9.577	PASS
	HCH	50	0	8.9550	9.543	PASS
16QAM	LCH	50	0	8.9515	9.567	PASS
	MCH	50	0	8.9518	9.538	PASS
	HCH	50	0	8.9453	9.515	PASS

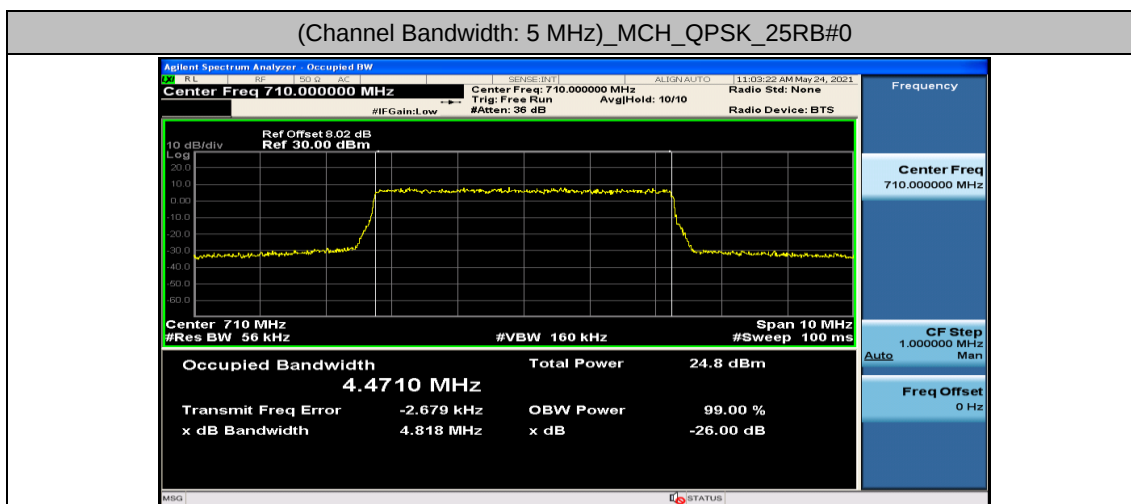
Test Graphs

Channel Bandwidth: 5 MHz

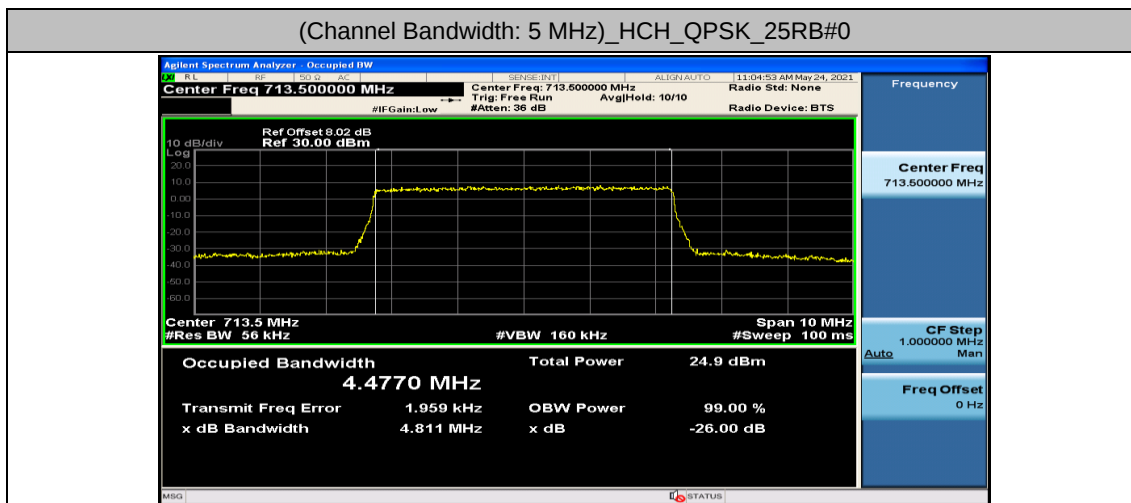
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



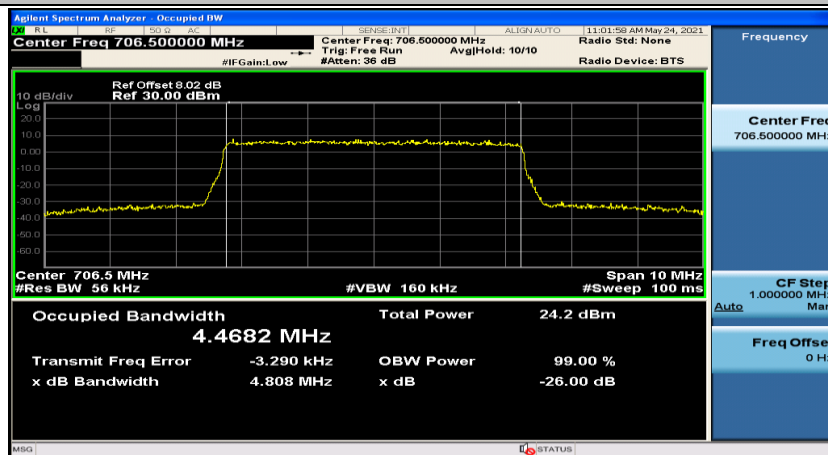
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



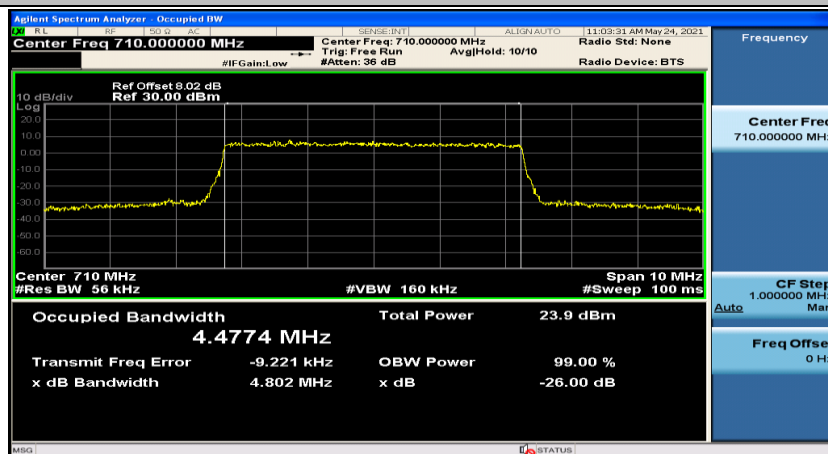
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



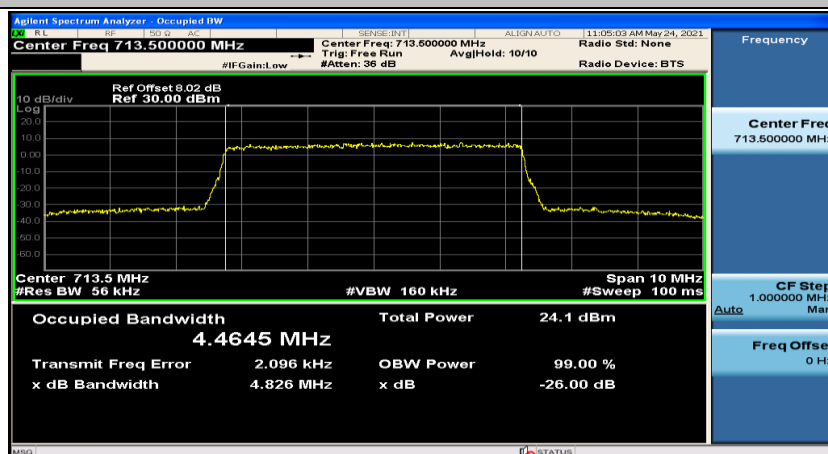
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz