

Appendix for Band 7

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	22.44	PASS
		1	12	22.52	PASS
		1	24	22.42	PASS
		12	0	21.40	PASS
		12	6	21.30	PASS
		12	13	21.36	PASS
		25	0	21.33	PASS
	MCH	1	0	22.22	PASS
		1	12	22.20	PASS
		1	24	22.16	PASS
		12	0	21.35	PASS
		12	6	21.36	PASS
		12	13	21.29	PASS
		25	0	21.41	PASS
	HCH	1	0	22.33	PASS
		1	12	22.26	PASS
		1	24	22.25	PASS
		12	0	21.20	PASS
		12	6	21.21	PASS
		12	13	21.14	PASS
		25	0	21.19	PASS
16QAM	LCH	1	0	21.27	PASS
		1	12	21.29	PASS
		1	24	21.28	PASS
		12	0	20.36	PASS
		12	6	20.49	PASS
		12	13	20.35	PASS
		25	0	20.57	PASS
	MCH	1	0	21.97	PASS
		1	12	21.98	PASS
		1	24	21.92	PASS

		12	0	20.47	PASS
		12	6	20.38	PASS
		12	13	20.37	PASS
		25	0	20.55	PASS
	HCH	1	0	21.00	PASS
		1	12	20.83	PASS
		1	24	20.84	PASS
		12	0	20.45	PASS
		12	6	20.48	PASS
		12	13	20.46	PASS
		25	0	20.35	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.24	PASS
		1	24	22.62	PASS
		1	49	22.32	PASS
		25	0	21.30	PASS
		25	12	21.38	PASS
		25	25	21.32	PASS
		50	0	21.31	PASS
	MCH	1	0	22.38	PASS
		1	24	22.37	PASS
		1	49	22.33	PASS
		25	0	21.44	PASS
		25	12	21.43	PASS
		25	25	21.25	PASS
		50	0	21.35	PASS
	HCH	1	0	22.16	PASS
		1	24	22.30	PASS
		1	49	22.16	PASS
		25	0	21.20	PASS
		25	12	21.36	PASS
		25	25	21.16	PASS
		50	0	21.35	PASS
16QAM	LCH	1	0	22.15	PASS
		1	24	22.27	PASS
		1	49	22.28	PASS
		25	0	20.35	PASS
		25	12	20.48	PASS

		25	25	20.40	PASS
		50	0	20.53	PASS
	MCH	1	0	21.94	PASS
		1	24	21.90	PASS
		1	49	21.87	PASS
		25	0	20.48	PASS
		25	12	20.48	PASS
		25	25	20.39	PASS
		50	0	20.53	PASS
	HCH	1	0	21.41	PASS
		1	24	21.53	PASS
		1	49	21.36	PASS
		25	0	20.56	PASS
		25	12	20.55	PASS
		25	25	20.32	PASS
		50	0	20.45	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.27	PASS
		1	37	22.35	PASS
		1	74	22.27	PASS
		37	0	21.33	PASS
		37	18	21.51	PASS
		37	38	21.32	PASS
		75	0	21.28	PASS
	MCH	1	0	22.44	PASS
		1	37	22.42	PASS
		1	74	22.34	PASS
		37	0	21.43	PASS
		37	18	21.23	PASS
		37	38	21.25	PASS
		75	0	21.42	PASS
	HCH	1	0	22.17	PASS
		1	37	22.17	PASS
		1	74	22.19	PASS
		37	0	21.28	PASS
		37	18	21.12	PASS
		37	38	21.22	PASS
		75	0	21.13	PASS

16QAM	LCH	1	0	22.38	PASS
		1	37	22.40	PASS
		1	74	22.40	PASS
		37	0	20.40	PASS
		37	18	20.38	PASS
		37	38	20.45	PASS
		75	0	20.43	PASS
	MCH	1	0	22.30	PASS
		1	37	22.25	PASS
		1	74	22.21	PASS
		37	0	20.59	PASS
		37	18	20.41	PASS
		37	38	20.35	PASS
		75	0	20.43	PASS
	HCH	1	0	21.30	PASS
		1	37	21.30	PASS
		1	74	21.20	PASS
		37	0	20.34	PASS
		37	18	20.39	PASS
		37	38	20.38	PASS
		75	0	20.38	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.28	PASS
		1	49	22.33	PASS
		1	99	22.31	PASS
		50	0	21.40	PASS
		50	25	21.28	PASS
		50	50	21.30	PASS
		100	0	21.38	PASS
	MCH	1	0	22.68	PASS
		1	49	22.55	PASS
		1	99	22.49	PASS
		50	0	21.37	PASS
		50	25	21.24	PASS
		50	50	21.19	PASS
		100	0	21.24	PASS
	HCH	1	0	22.15	PASS
		1	49	22.10	PASS

		1	99	22.06	PASS
		50	0	21.17	PASS
		50	25	21.22	PASS
		50	50	21.33	PASS
		100	0	21.21	PASS
16QAM	LCH	1	0	21.02	PASS
		1	49	21.03	PASS
		1	99	21.07	PASS
		50	0	20.42	PASS
		50	25	20.46	PASS
		50	50	20.39	PASS
		100	0	20.36	PASS
	MCH	1	0	21.47	PASS
		1	49	21.37	PASS
		1	99	21.49	PASS
		50	0	20.43	PASS
		50	25	20.45	PASS
		50	50	20.46	PASS
		100	0	20.35	PASS
	HCH	1	0	21.49	PASS
		1	49	21.36	PASS
		1	99	21.36	PASS
		50	0	20.44	PASS
		50	25	20.42	PASS
		50	50	20.42	PASS
		100	0	20.43	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	4.73	<13	PASS
		1	12	4.72	<13	PASS
		1	24	4.85	<13	PASS
		12	0	5.04	<13	PASS
		12	6	5.02	<13	PASS
		12	13	5.08	<13	PASS
		25	0	5.05	<13	PASS
	MCH	1	0	4.9	<13	PASS
		1	12	4.73	<13	PASS
		1	24	4.79	<13	PASS
		12	0	5.2	<13	PASS
		12	6	5.23	<13	PASS
		12	13	5.24	<13	PASS
		25	0	5.23	<13	PASS
	HCH	1	0	4.99	<13	PASS
		1	12	5.15	<13	PASS
		1	24	4.99	<13	PASS
		12	0	5.27	<13	PASS
		12	6	5.27	<13	PASS
		12	13	5.27	<13	PASS
		25	0	5.2	<13	PASS
16QAM	LCH	1	0	5.38	<13	PASS
		1	12	5.47	<13	PASS
		1	24	5.54	<13	PASS
		12	0	5.88	<13	PASS
		12	6	5.81	<13	PASS
		12	13	5.86	<13	PASS
		25	0	5.82	<13	PASS
	MCH	1	0	6.16	<13	PASS
		1	12	6.07	<13	PASS
		1	24	5.6	<13	PASS

		12	0	5.97	<13	PASS
		12	6	5.99	<13	PASS
		12	13	6.12	<13	PASS
		25	0	5.93	<13	PASS
	HCH	1	0	5.88	<13	PASS
		1	12	5.85	<13	PASS
		1	24	5.96	<13	PASS
		12	0	6.1	<13	PASS
		12	6	6.12	<13	PASS
		12	13	6.1	<13	PASS
		25	0	5.87	<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	4.69	<13	PASS
		1	24	4.66	<13	PASS
		1	49	4.62	<13	PASS
		25	0	5.16	<13	PASS
		25	12	5.13	<13	PASS
		25	25	5.16	<13	PASS
		50	0	5.08	<13	PASS
	MCH	1	0	4.6	<13	PASS
		1	24	4.79	<13	PASS
		1	49	4.65	<13	PASS
		25	0	5.25	<13	PASS
		25	12	5.31	<13	PASS
		25	25	5.29	<13	PASS
		50	0	5.33	<13	PASS
	HCH	1	0	4.58	<13	PASS
		1	24	4.85	<13	PASS
		1	49	4.75	<13	PASS
		25	0	5.04	<13	PASS
		25	12	5.11	<13	PASS
		25	25	5.16	<13	PASS
		50	0	5.14	<13	PASS
16QAM	LCH	1	0	5.11	<13	PASS
		1	24	5.21	<13	PASS
		1	49	5.22	<13	PASS
		25	0	5.98	<13	PASS

		25	12	6.01	<13	PASS
		25	25	6.02	<13	PASS
		50	0	5.85	<13	PASS
	MCH	1	0	5.44	<13	PASS
		1	24	5.58	<13	PASS
		1	49	5.55	<13	PASS
		25	0	5.99	<13	PASS
		25	12	6.06	<13	PASS
		25	25	6.17	<13	PASS
		50	0	6.04	<13	PASS
	HCH	1	0	5.19	<13	PASS
		1	24	5.66	<13	PASS
		1	49	5.7	<13	PASS
		25	0	5.92	<13	PASS
		25	12	6	<13	PASS
		25	25	6.04	<13	PASS
		50	0	5.86	<13	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.58	<13	PASS
		1	37	4.67	<13	PASS
		1	74	4.68	<13	PASS
		37	0	5.16	<13	PASS
		37	18	5.11	<13	PASS
		37	38	5.1	<13	PASS
		75	0	5.42	<13	PASS
	MCH	1	0	4.81	<13	PASS
		1	37	4.97	<13	PASS
		1	74	5.02	<13	PASS
		37	0	5.17	<13	PASS
		37	18	5.26	<13	PASS
		37	38	5.28	<13	PASS
		75	0	5.55	<13	PASS
	HCH	1	0	4.46	<13	PASS
		1	37	4.69	<13	PASS
		1	74	4.85	<13	PASS
		37	0	4.94	<13	PASS
		37	18	5.09	<13	PASS

16QAM		37	38	5.15	<13	PASS
		75	0	5.4	<13	PASS
	LCH	1	0	5.2	<13	PASS
		1	37	5.18	<13	PASS
		1	74	5.15	<13	PASS
		37	0	5.91	<13	PASS
		37	18	5.93	<13	PASS
		37	38	5.85	<13	PASS
		75	0	5.98	<13	PASS
	MCH	1	0	5.36	<13	PASS
		1	37	5.55	<13	PASS
		1	74	5.64	<13	PASS
		37	0	5.98	<13	PASS
		37	18	6.07	<13	PASS
		37	38	6.12	<13	PASS
		75	0	6.06	<13	PASS
	HCH	1	0	5.36	<13	PASS
		1	37	5.6	<13	PASS
		1	74	5.9	<13	PASS
		37	0	5.71	<13	PASS
		37	18	5.8	<13	PASS
		37	38	5.95	<13	PASS
		75	0	5.87	<13	PASS

Channel Bandwidth: 20 MHz

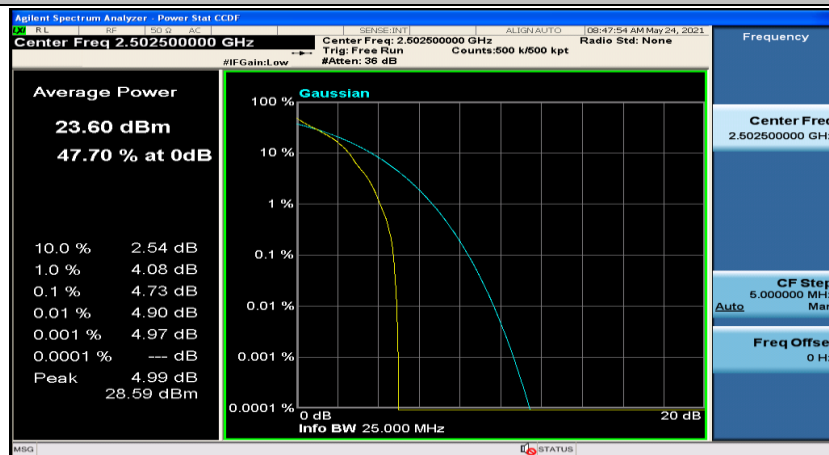
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.49	<13	PASS
		1	49	4.55	<13	PASS
		1	99	4.57	<13	PASS
		50	0	5.18	<13	PASS
		50	25	5.14	<13	PASS
		50	50	5.15	<13	PASS
		100	0	5.28	<13	PASS
	MCH	1	0	4.73	<13	PASS
		1	49	4.97	<13	PASS
		1	99	4.86	<13	PASS
		50	0	5.23	<13	PASS
		50	25	5.27	<13	PASS
		50	50	5.29	<13	PASS

		100	0	5.4	<13	PASS
	HCH	1	0	4.52	<13	PASS
		1	49	4.57	<13	PASS
		1	99	4.69	<13	PASS
		50	0	4.95	<13	PASS
		50	25	5.02	<13	PASS
		50	50	5.12	<13	PASS
		100	0	5.22	<13	PASS
16QAM	LCH	1	0	5.47	<13	PASS
		1	49	5.51	<13	PASS
		1	99	5.42	<13	PASS
		50	0	5.93	<13	PASS
		50	25	5.84	<13	PASS
		50	50	5.86	<13	PASS
		100	0	6	<13	PASS
	MCH	1	0	5.56	<13	PASS
		1	49	5.84	<13	PASS
		1	99	5.69	<13	PASS
		50	0	5.93	<13	PASS
		50	25	6.07	<13	PASS
		50	50	6.06	<13	PASS
		100	0	6.09	<13	PASS
	HCH	1	0	5.34	<13	PASS
		1	49	5.52	<13	PASS
		1	99	5.64	<13	PASS
		50	0	5.71	<13	PASS
		50	25	5.79	<13	PASS
		50	50	5.92	<13	PASS
		100	0	5.92	<13	PASS

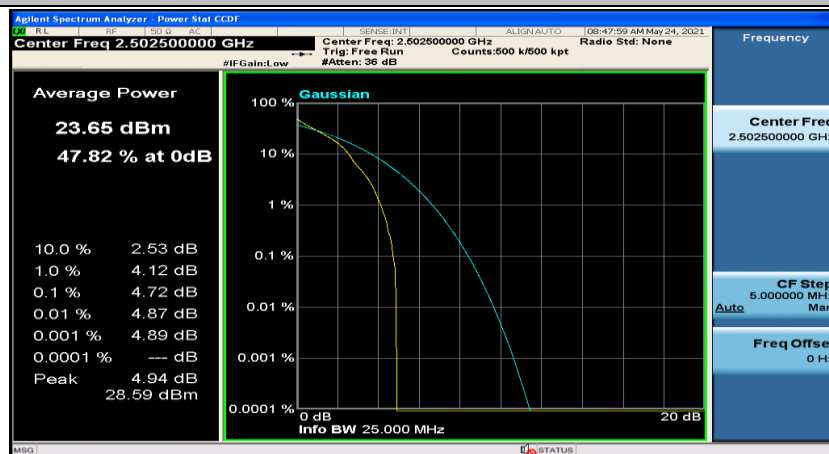
Test Graphs

Channel Bandwidth: 5 MHz

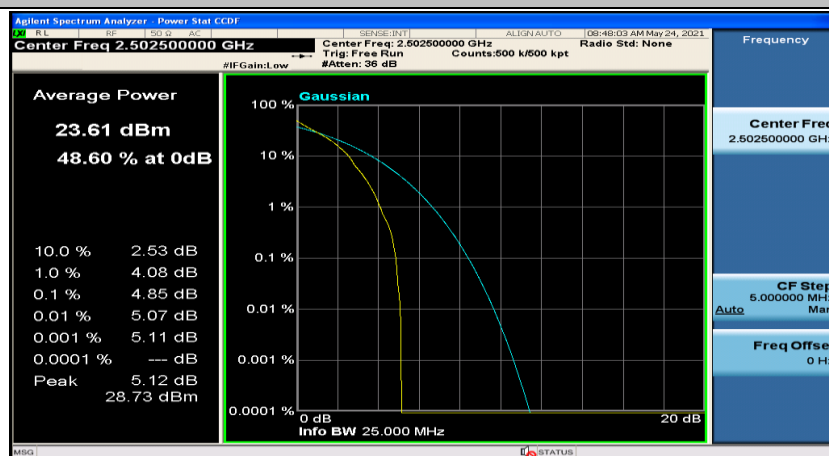
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



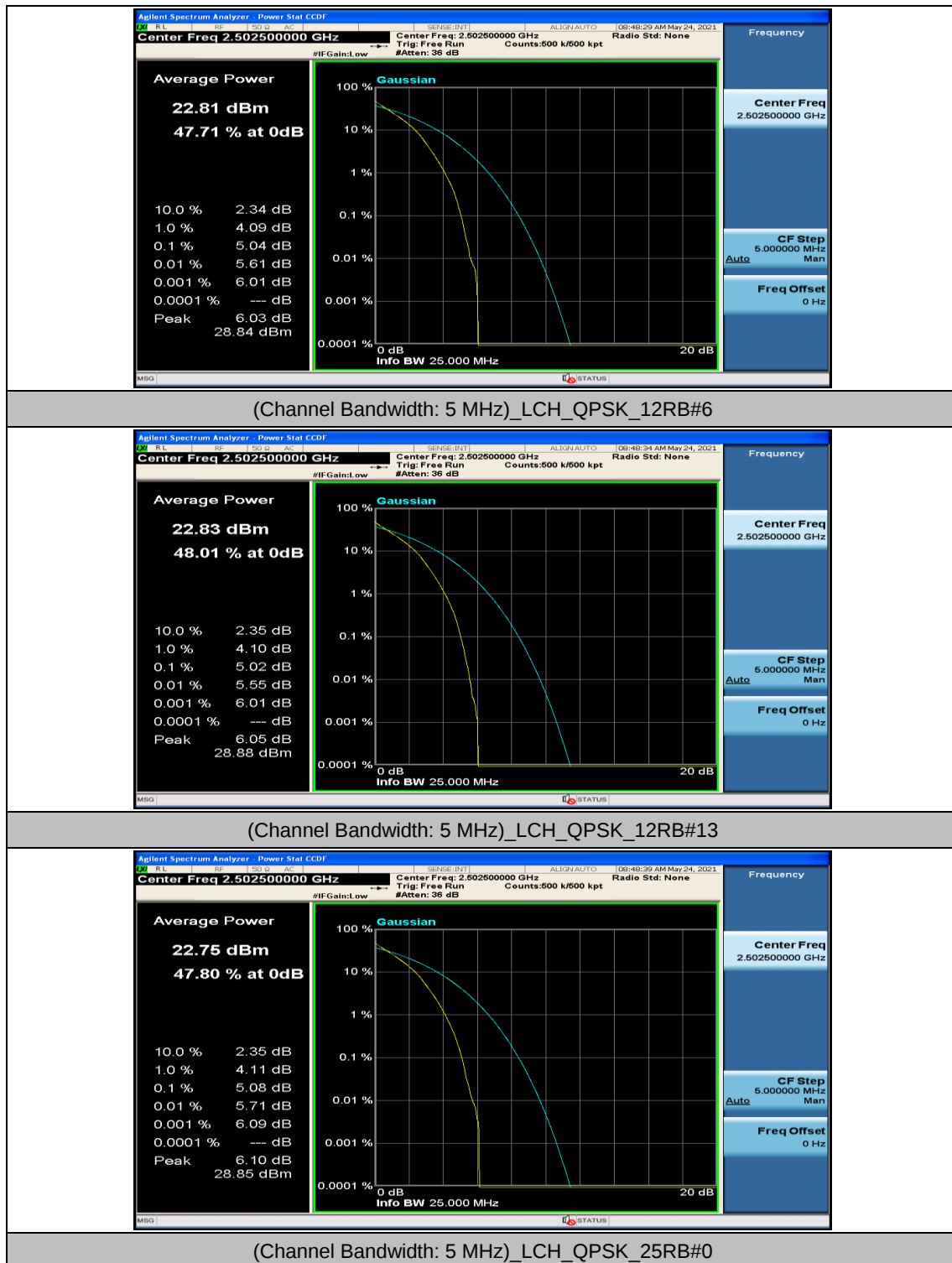
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12

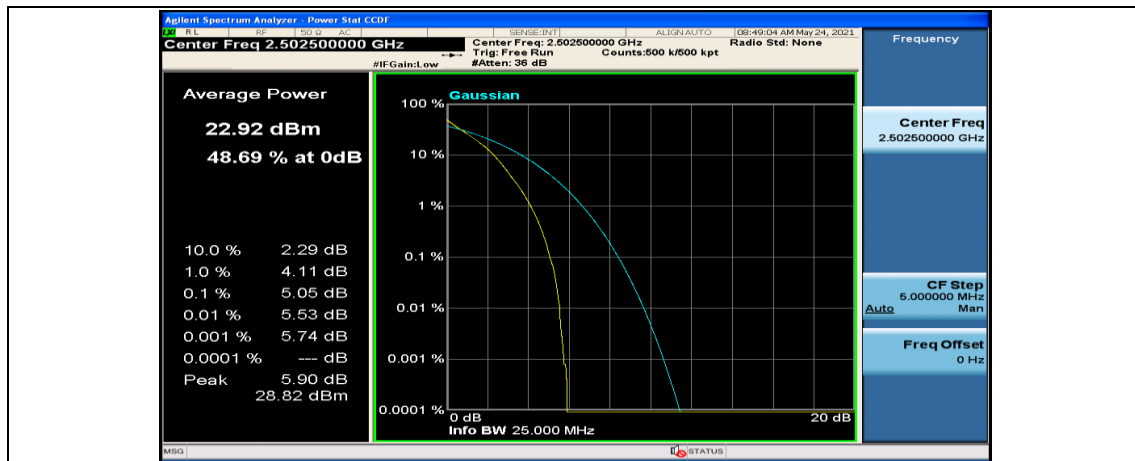


(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24

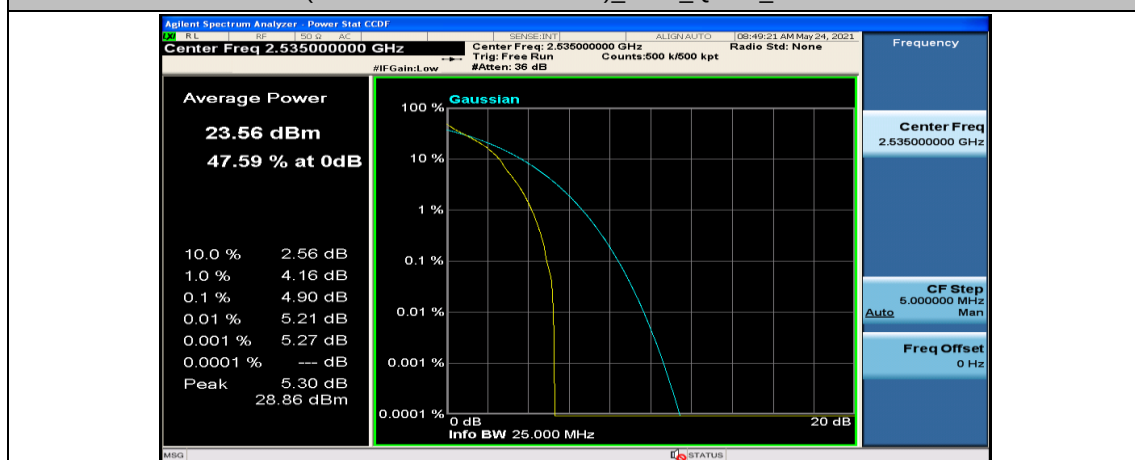


(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0

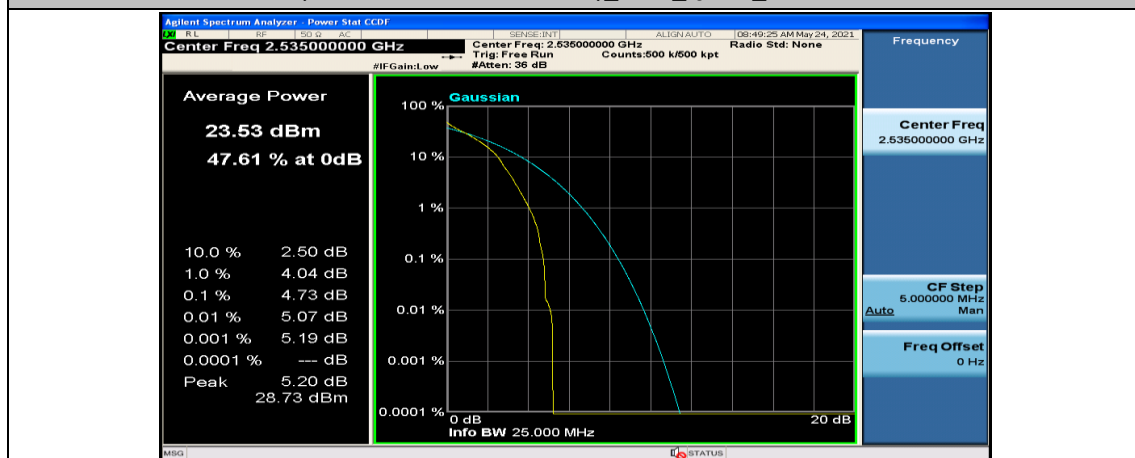




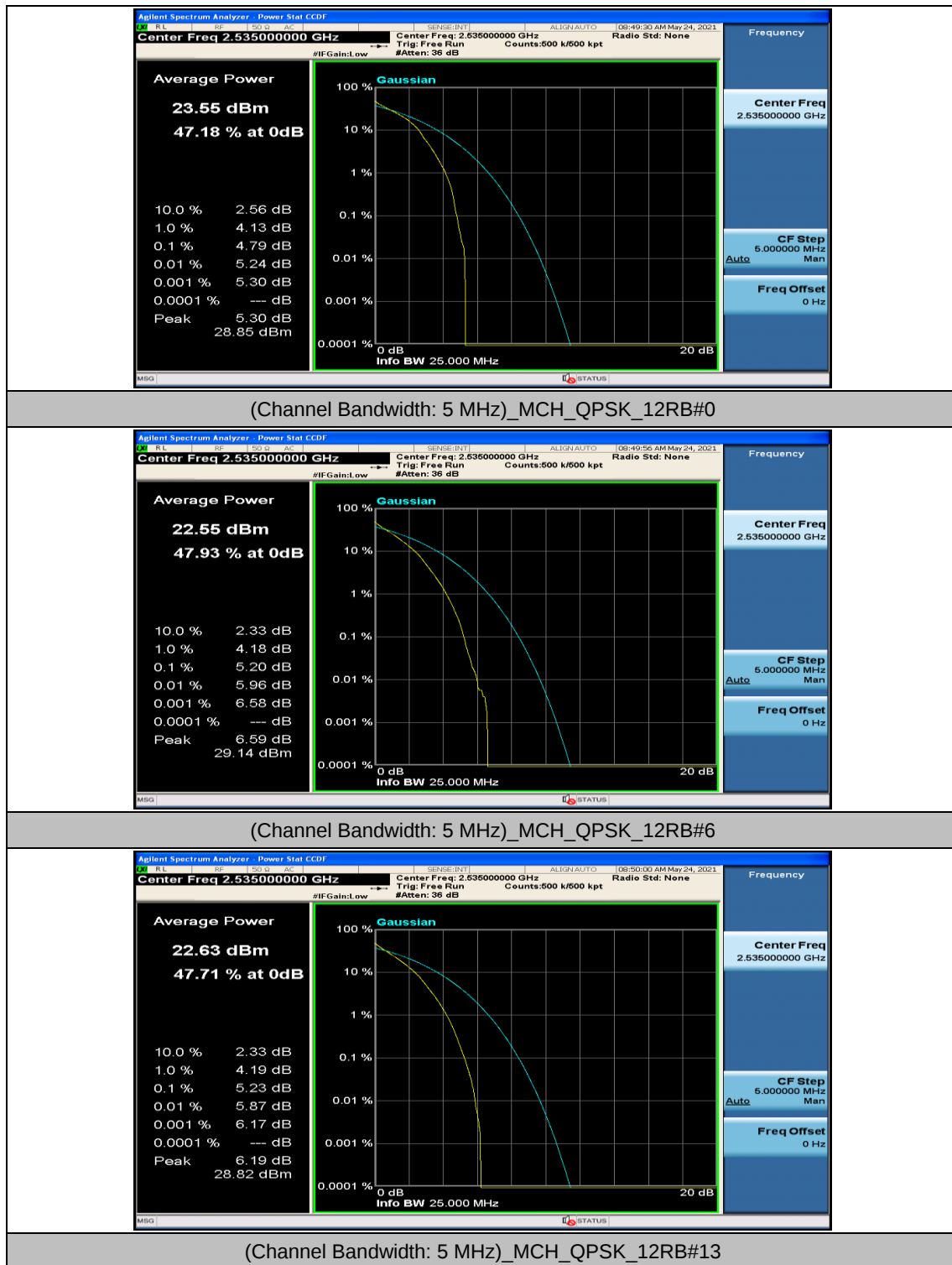
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

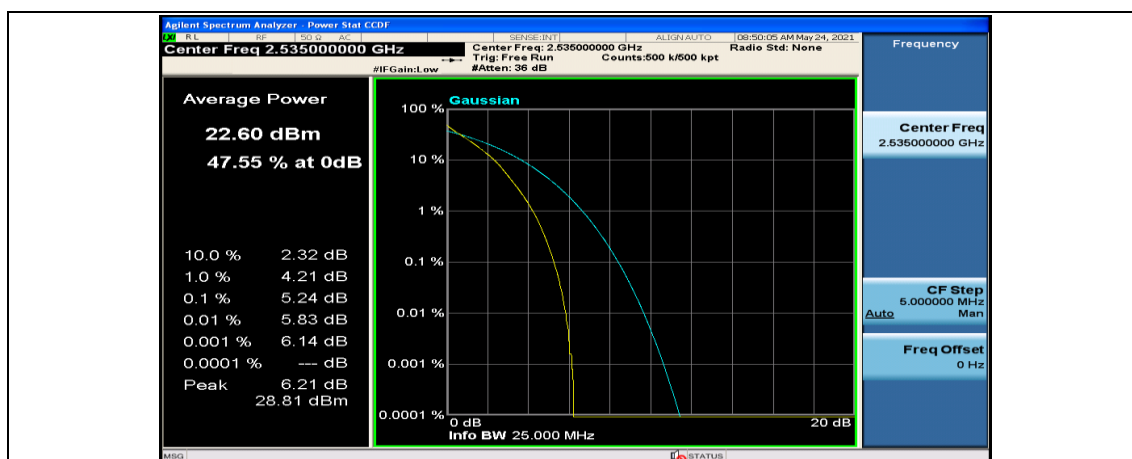


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

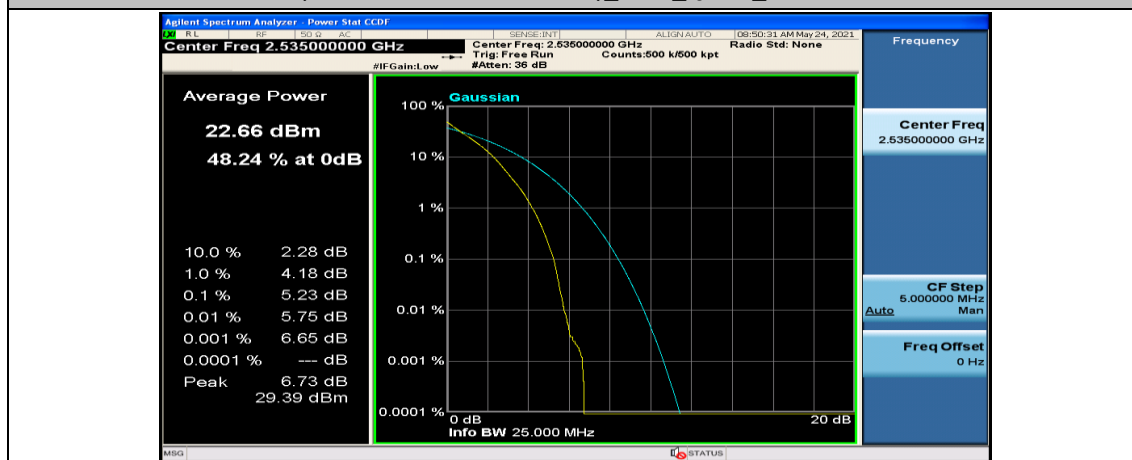


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

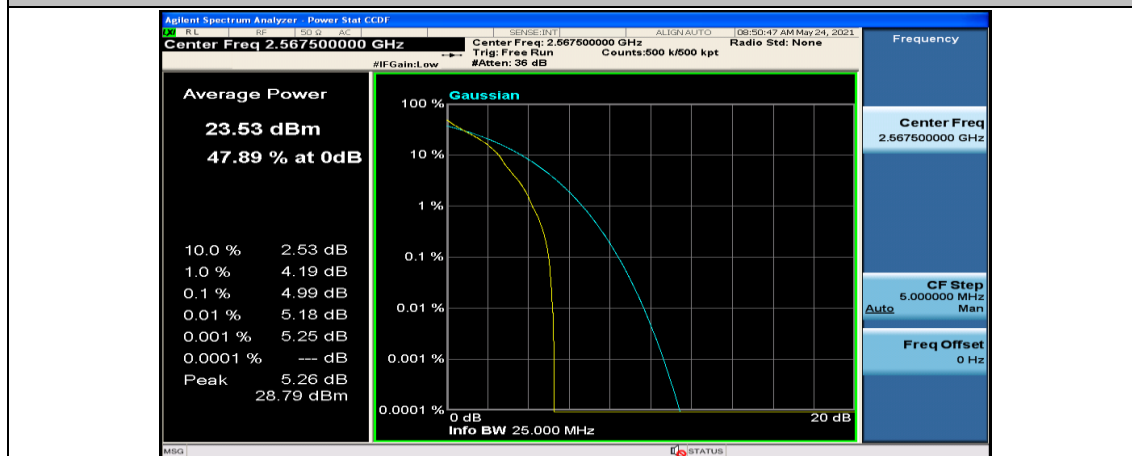




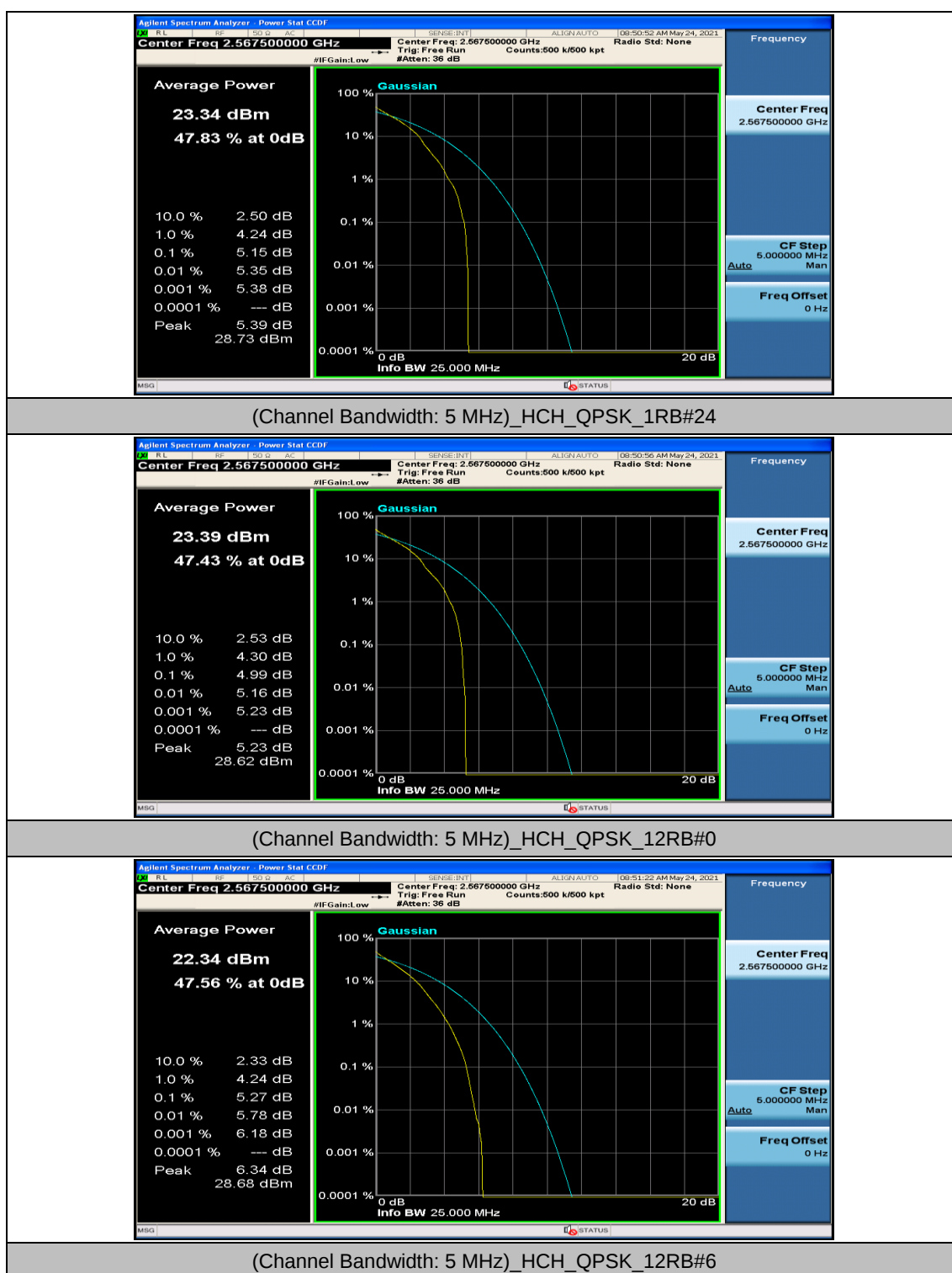
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0

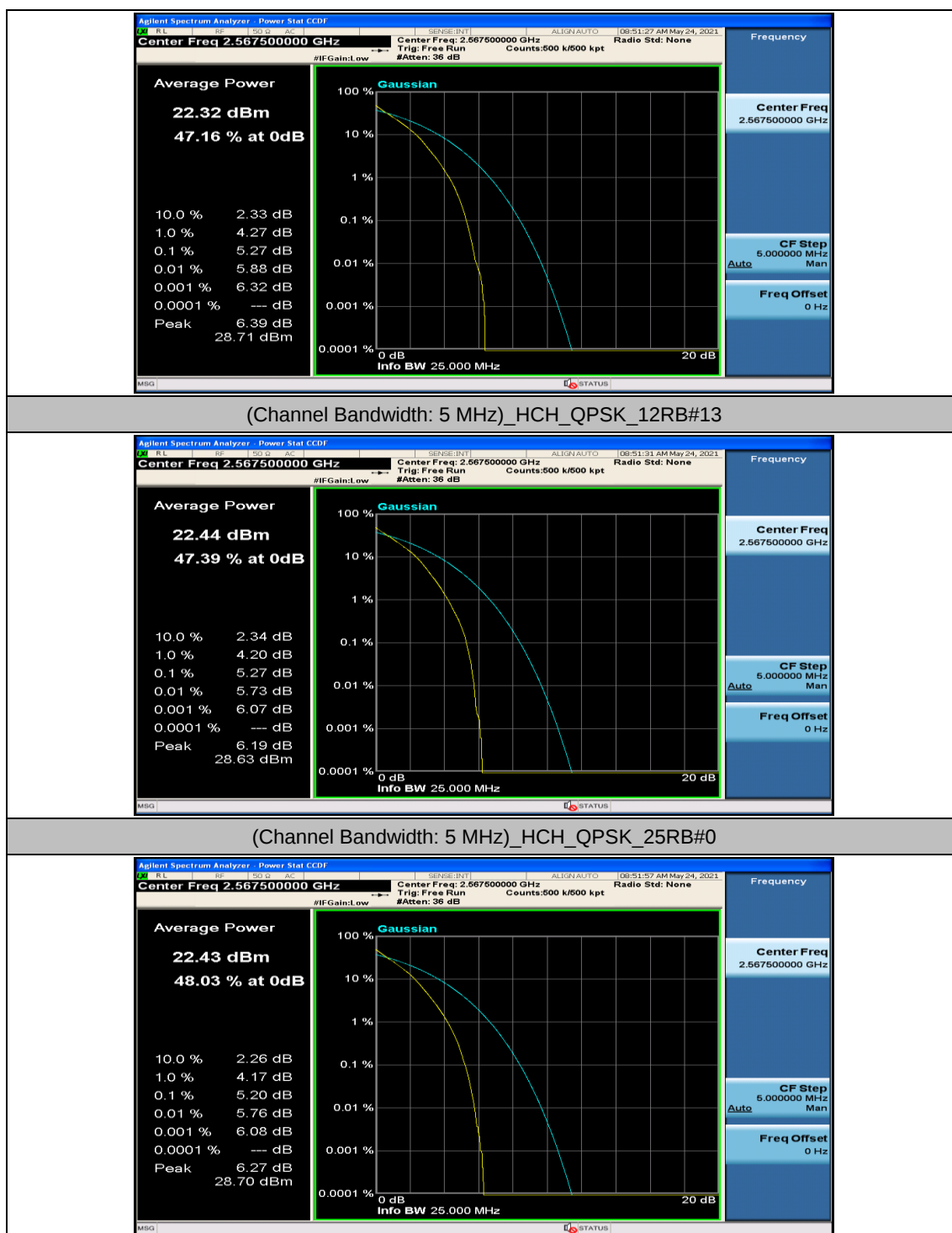


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

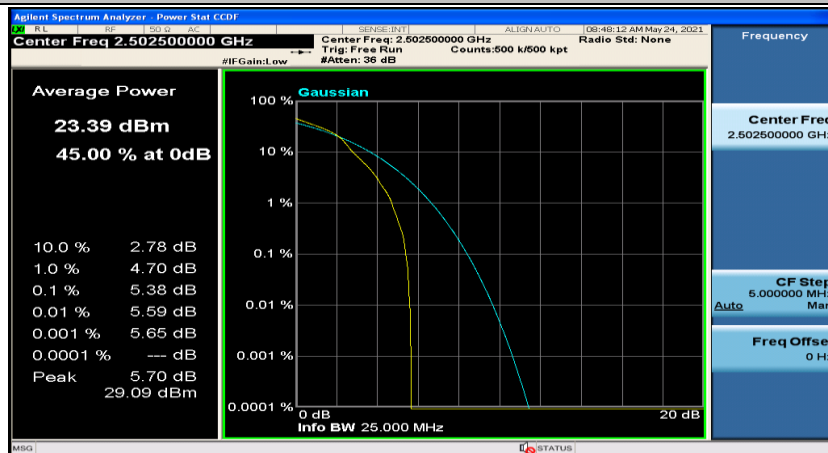


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

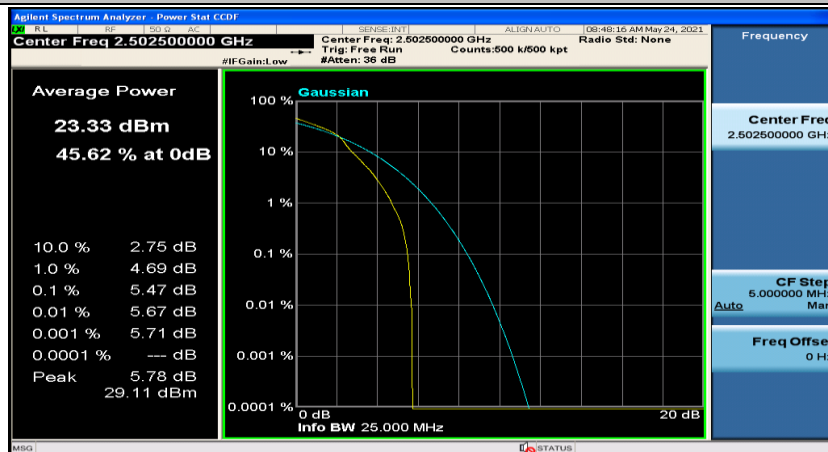




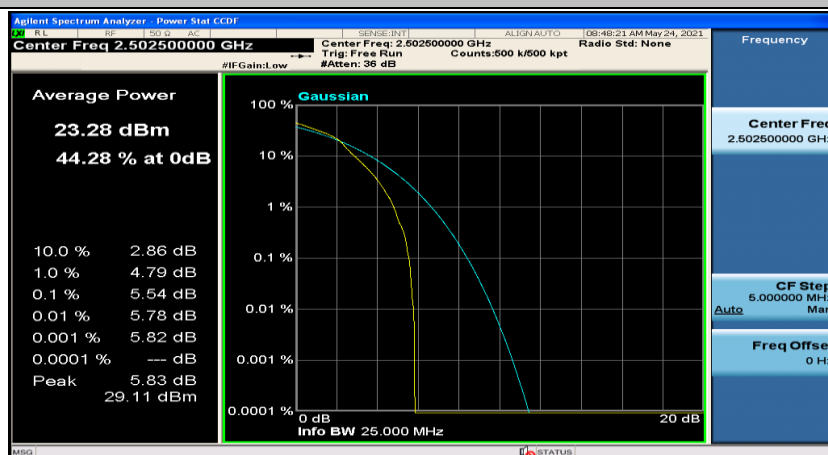
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



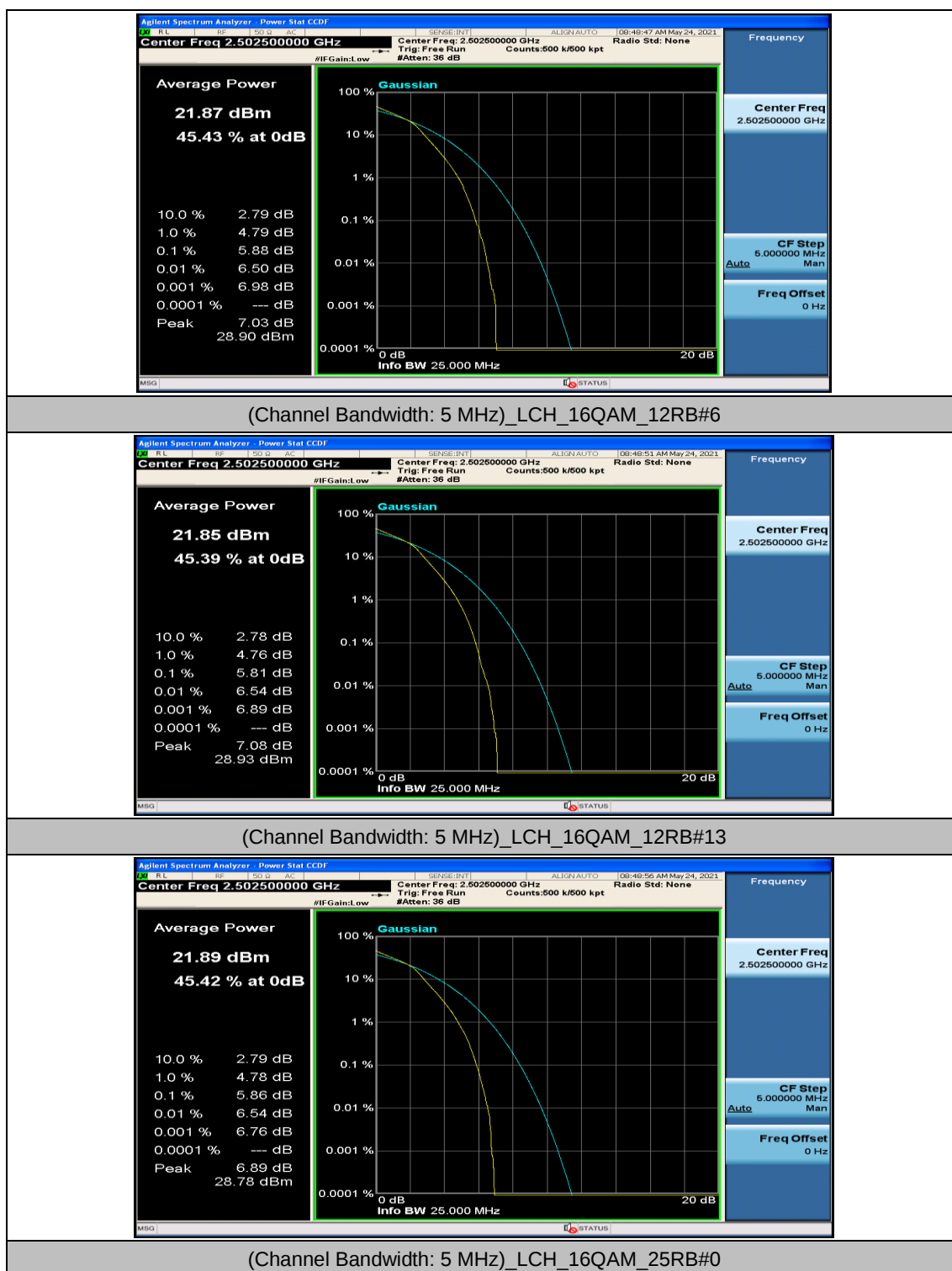
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

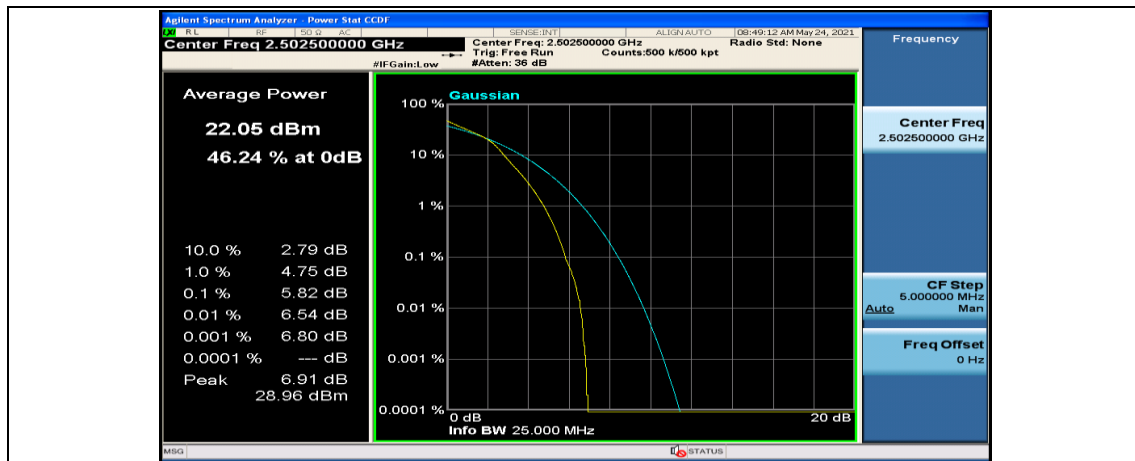


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24

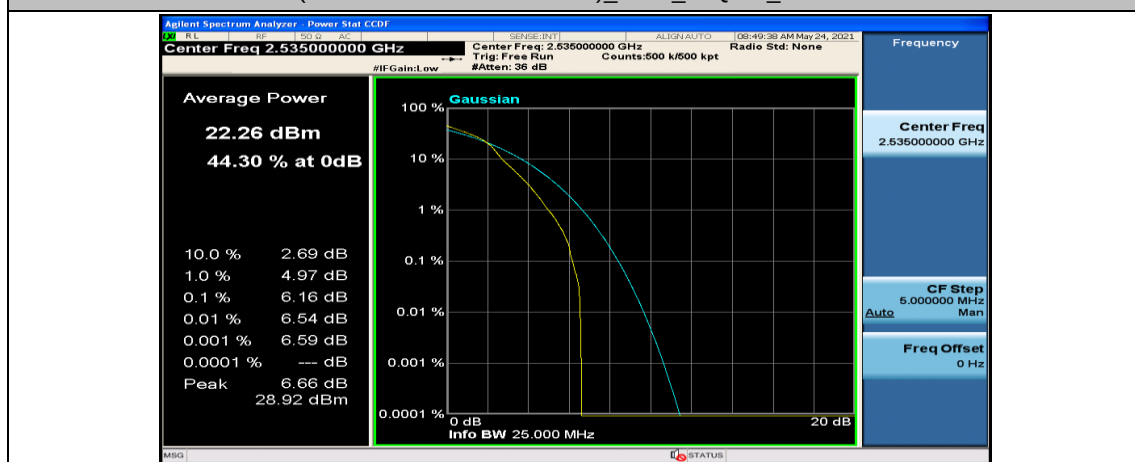


(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0

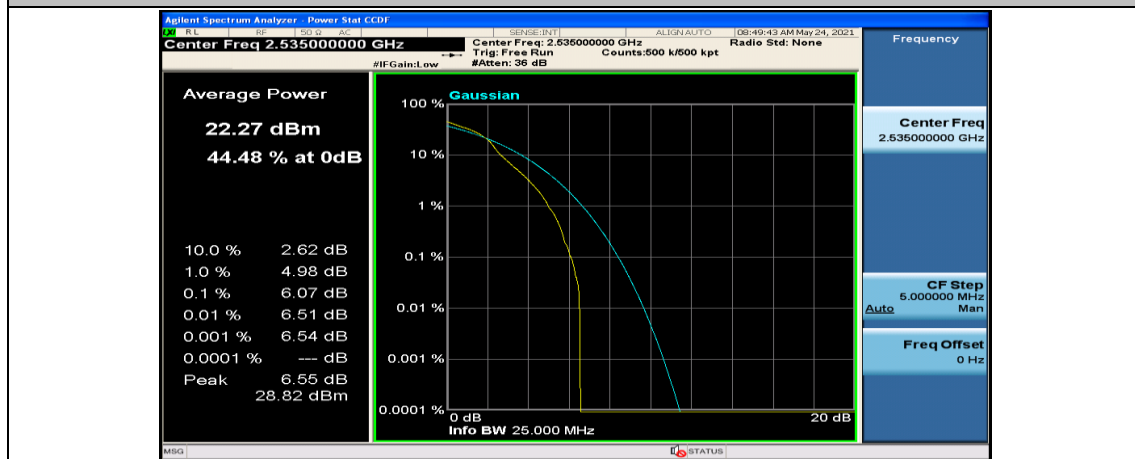




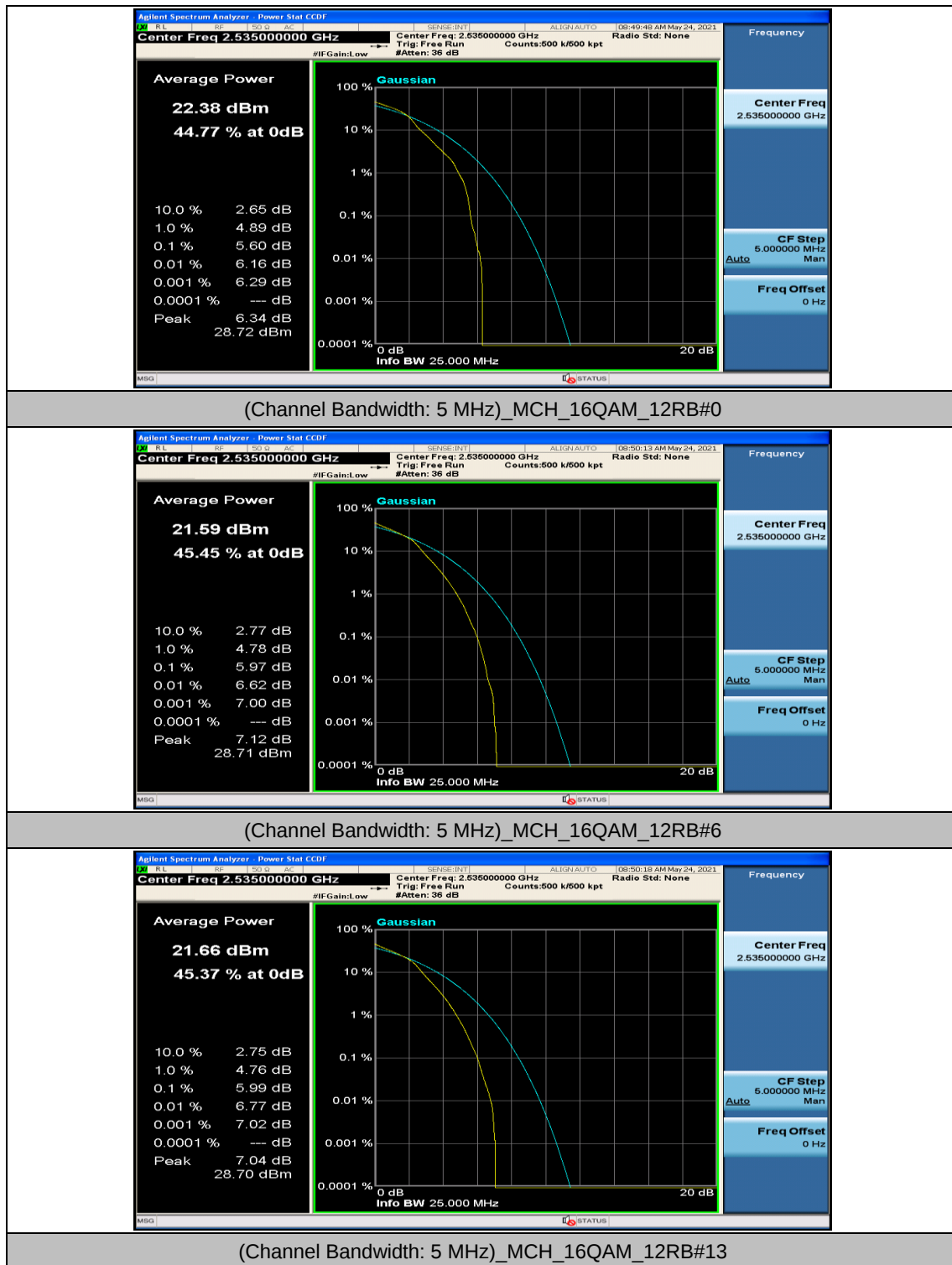
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

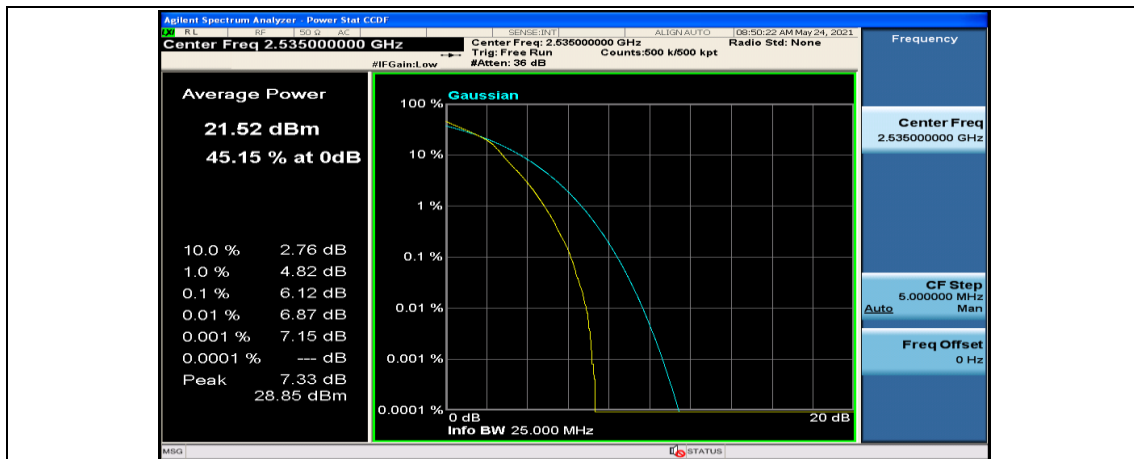


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

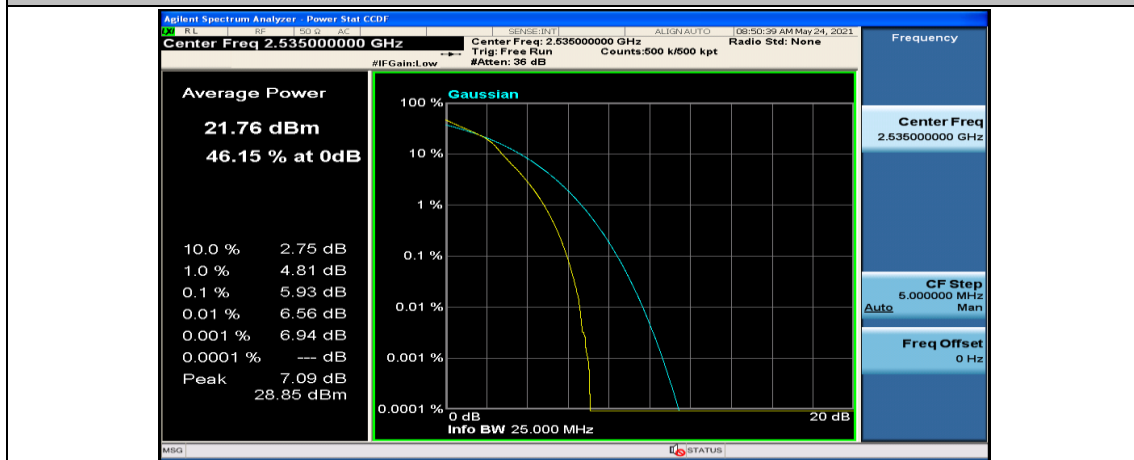


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

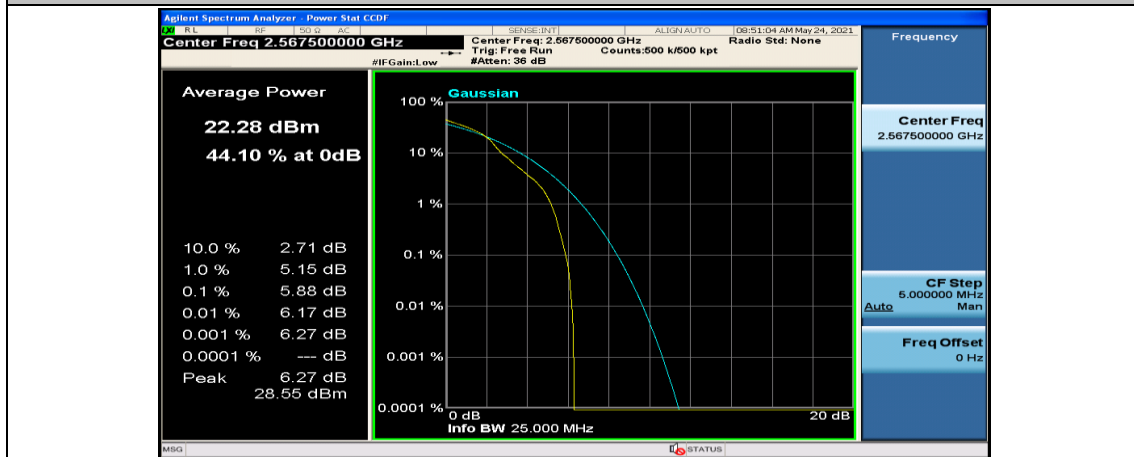




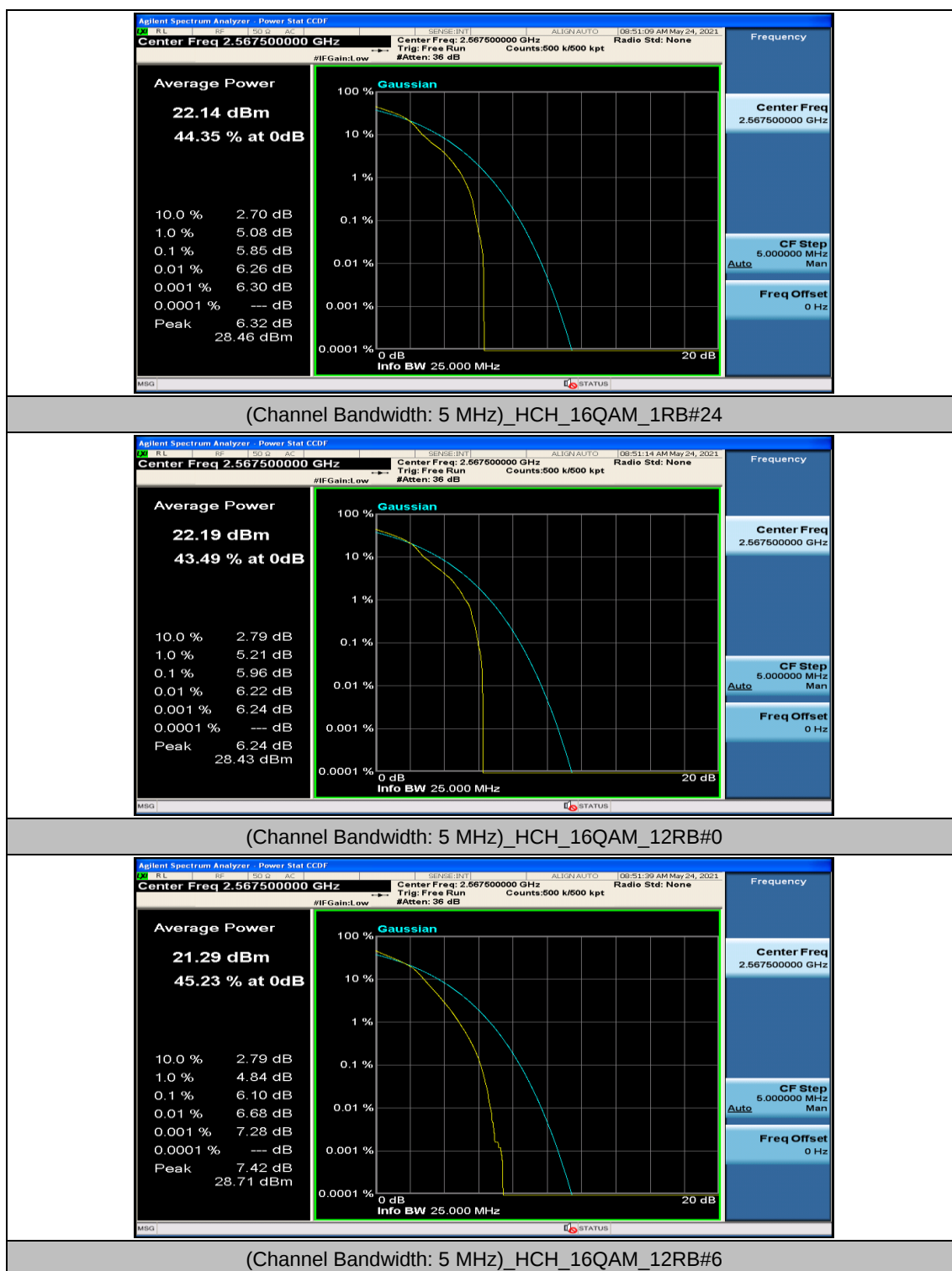
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

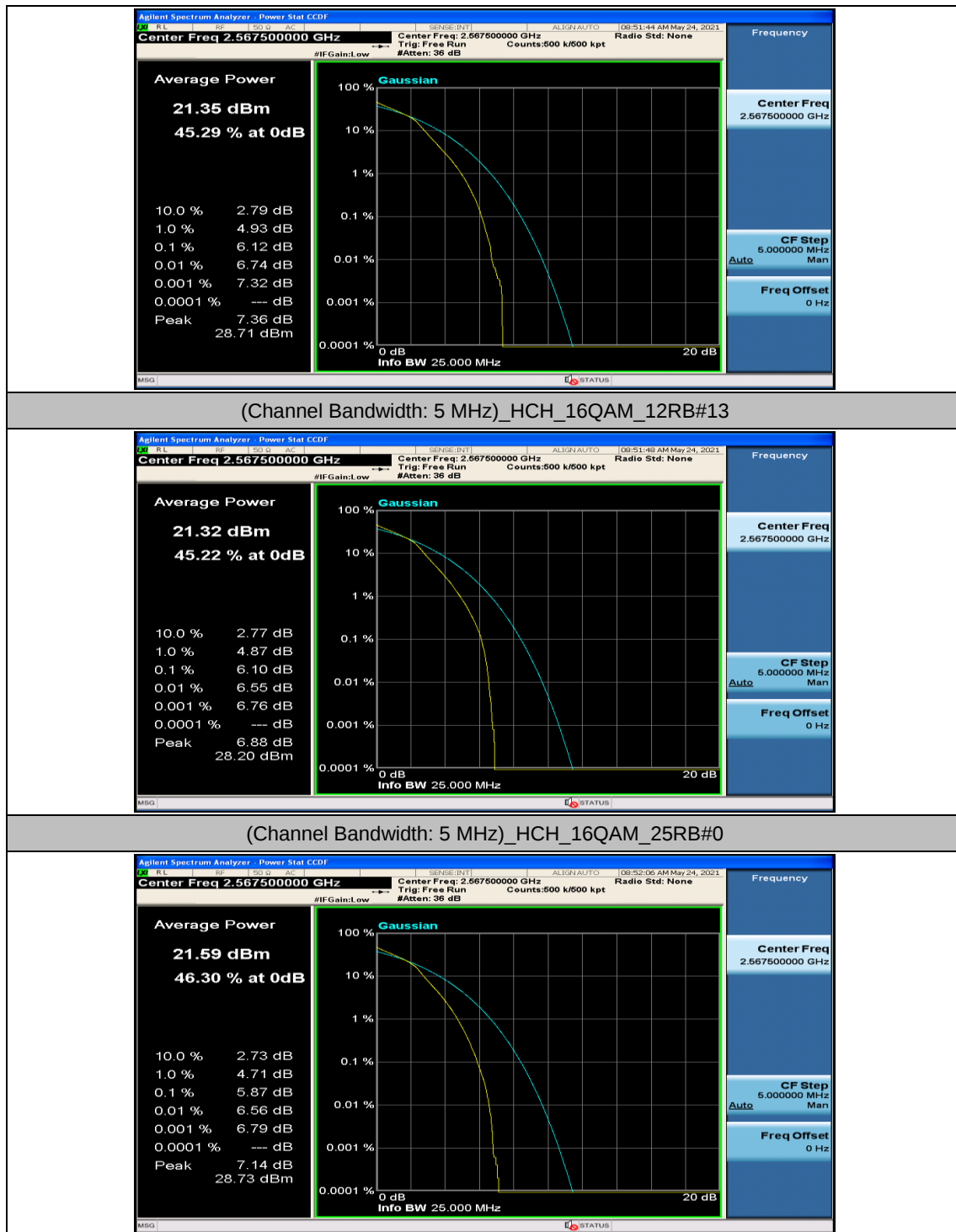


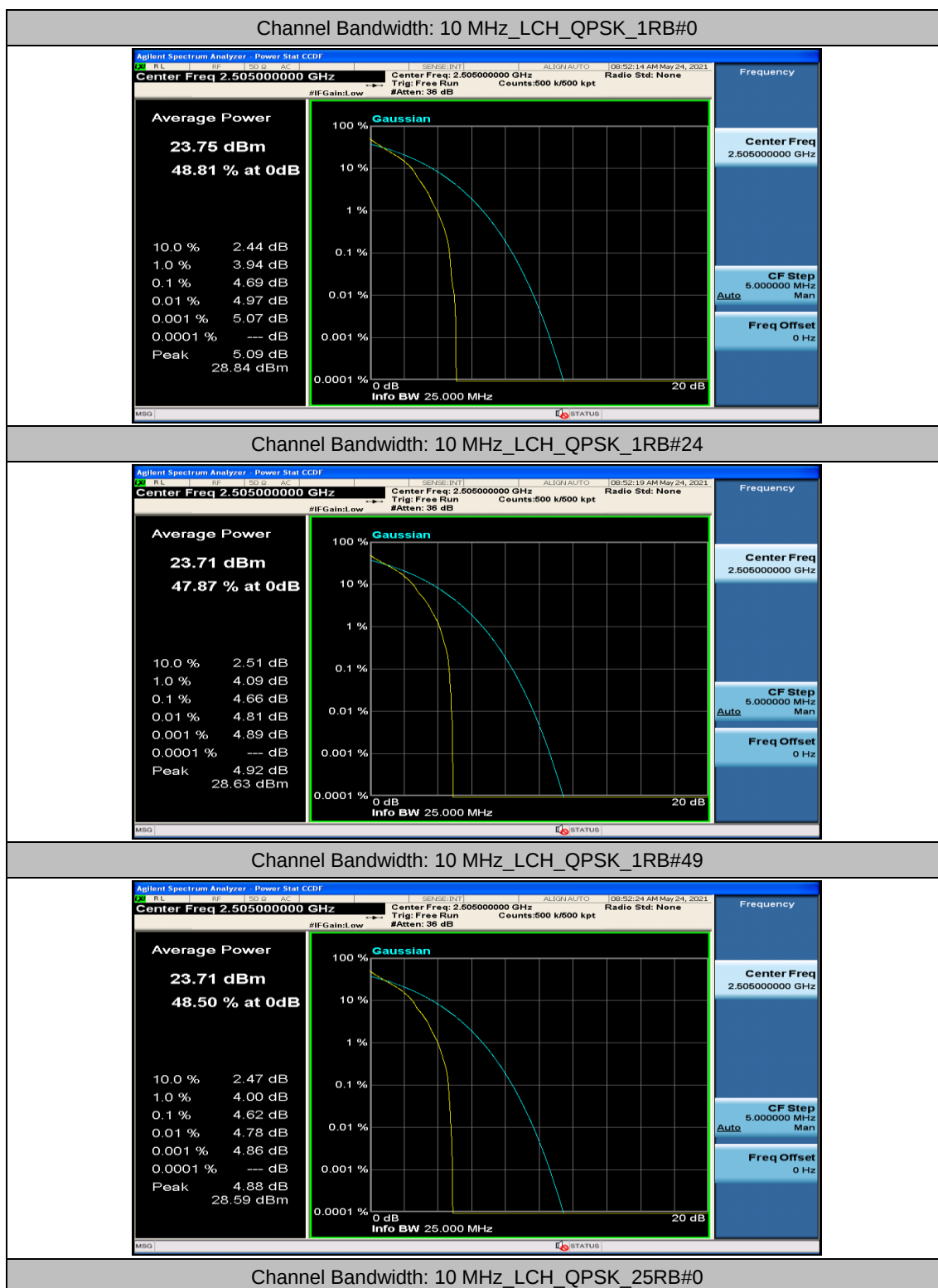
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

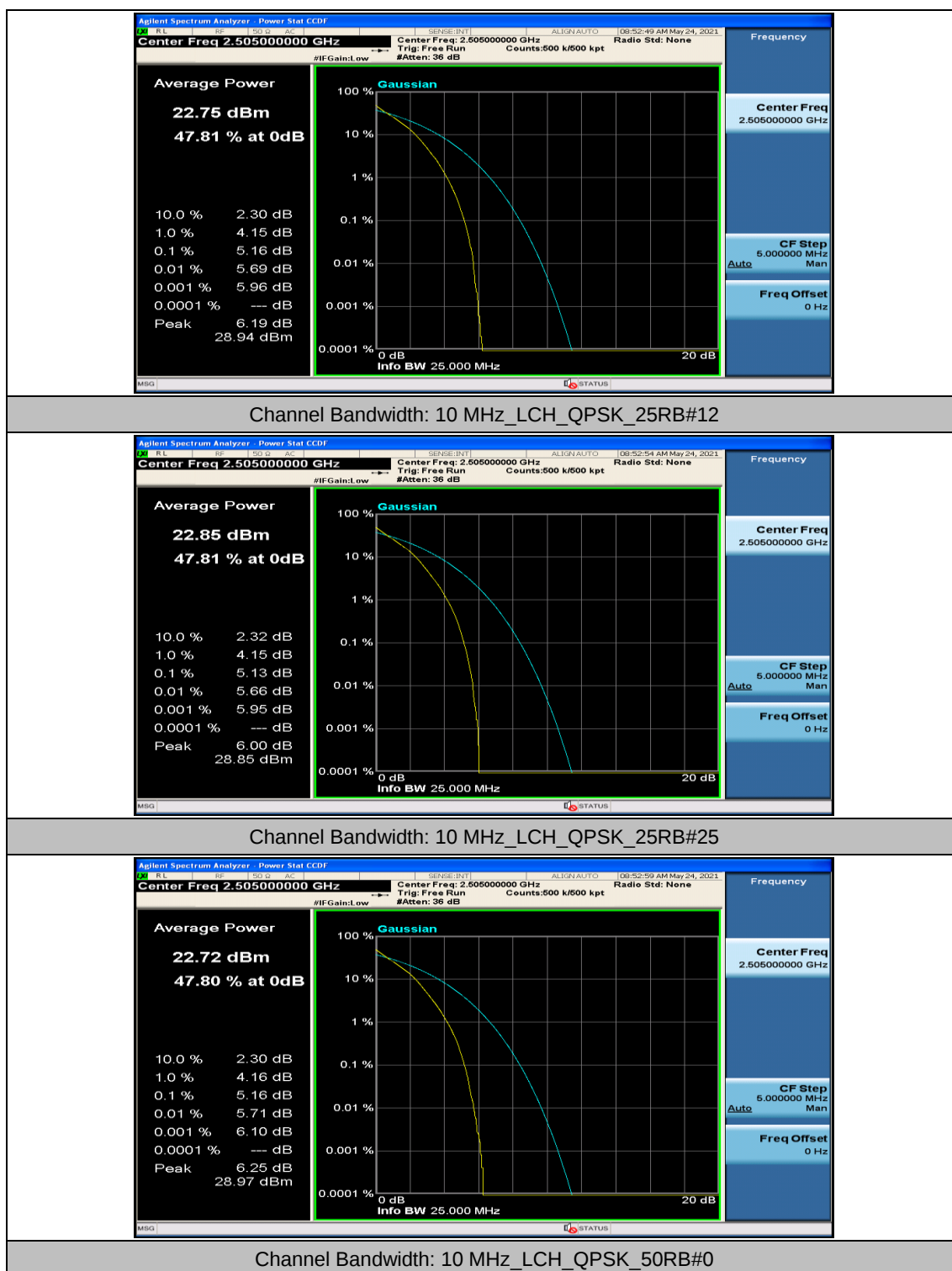


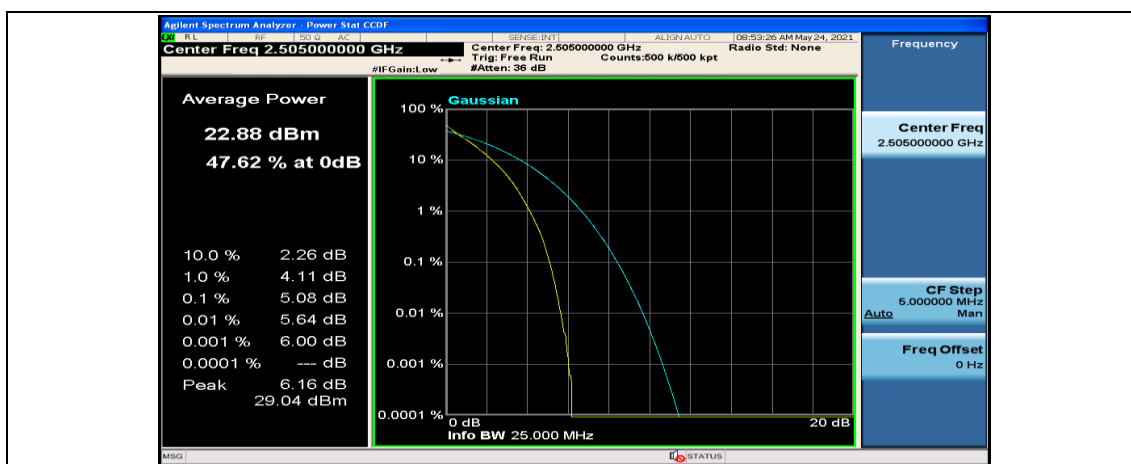
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



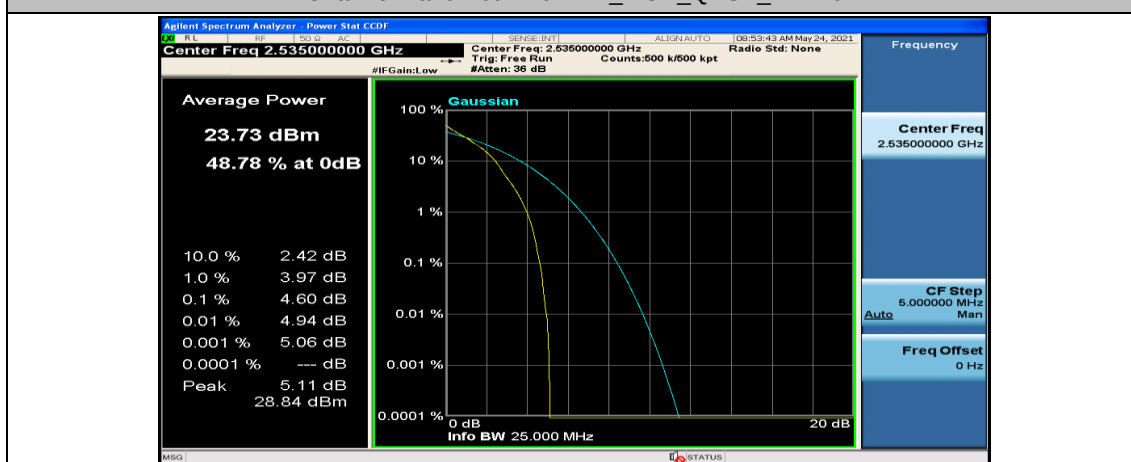


Channel Bandwidth: 10 MHz

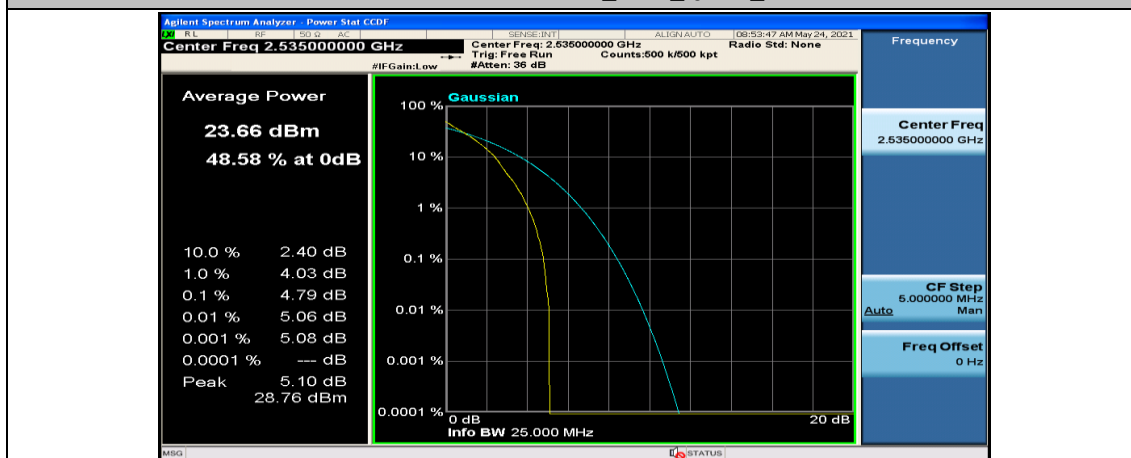




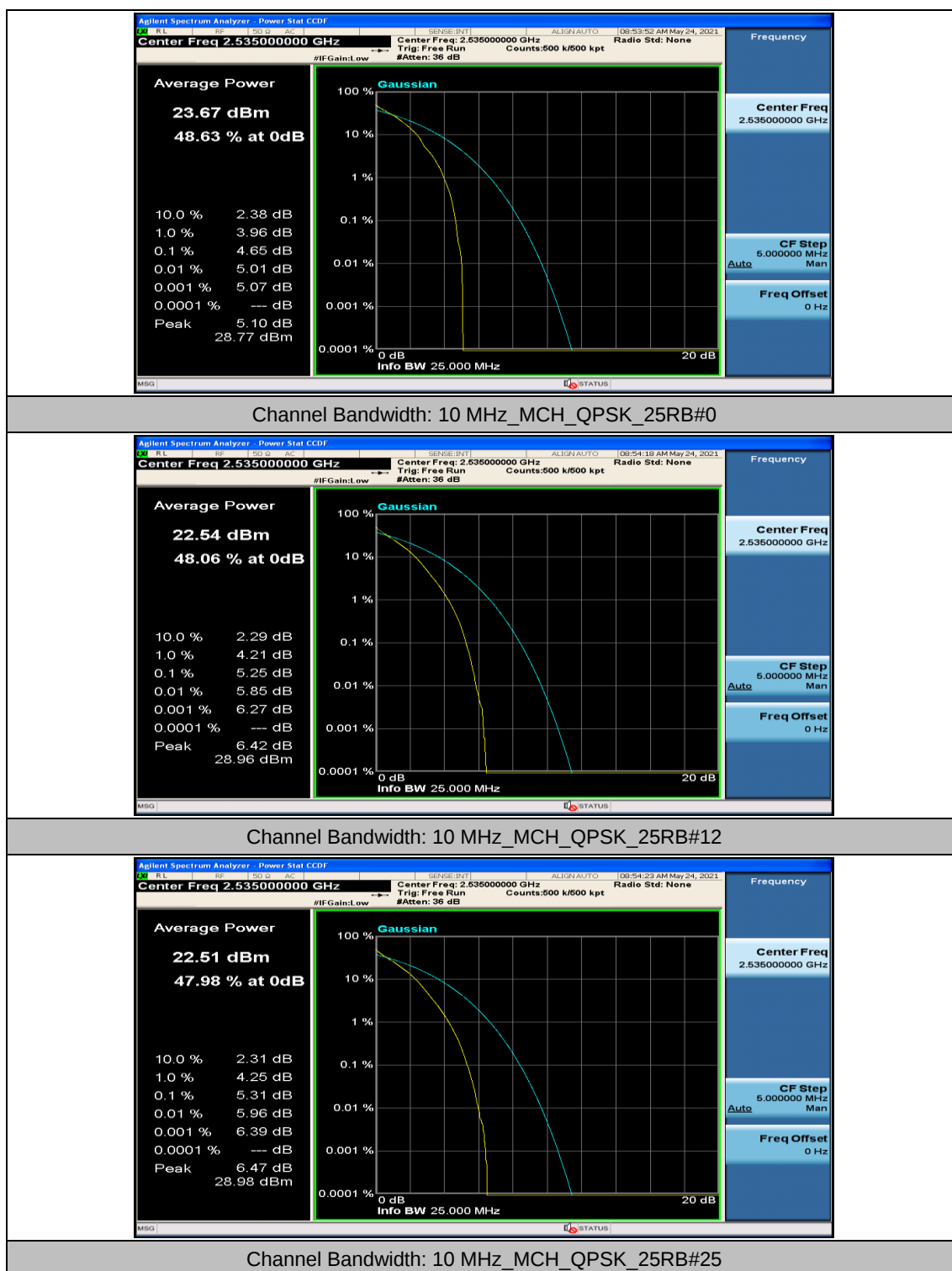
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

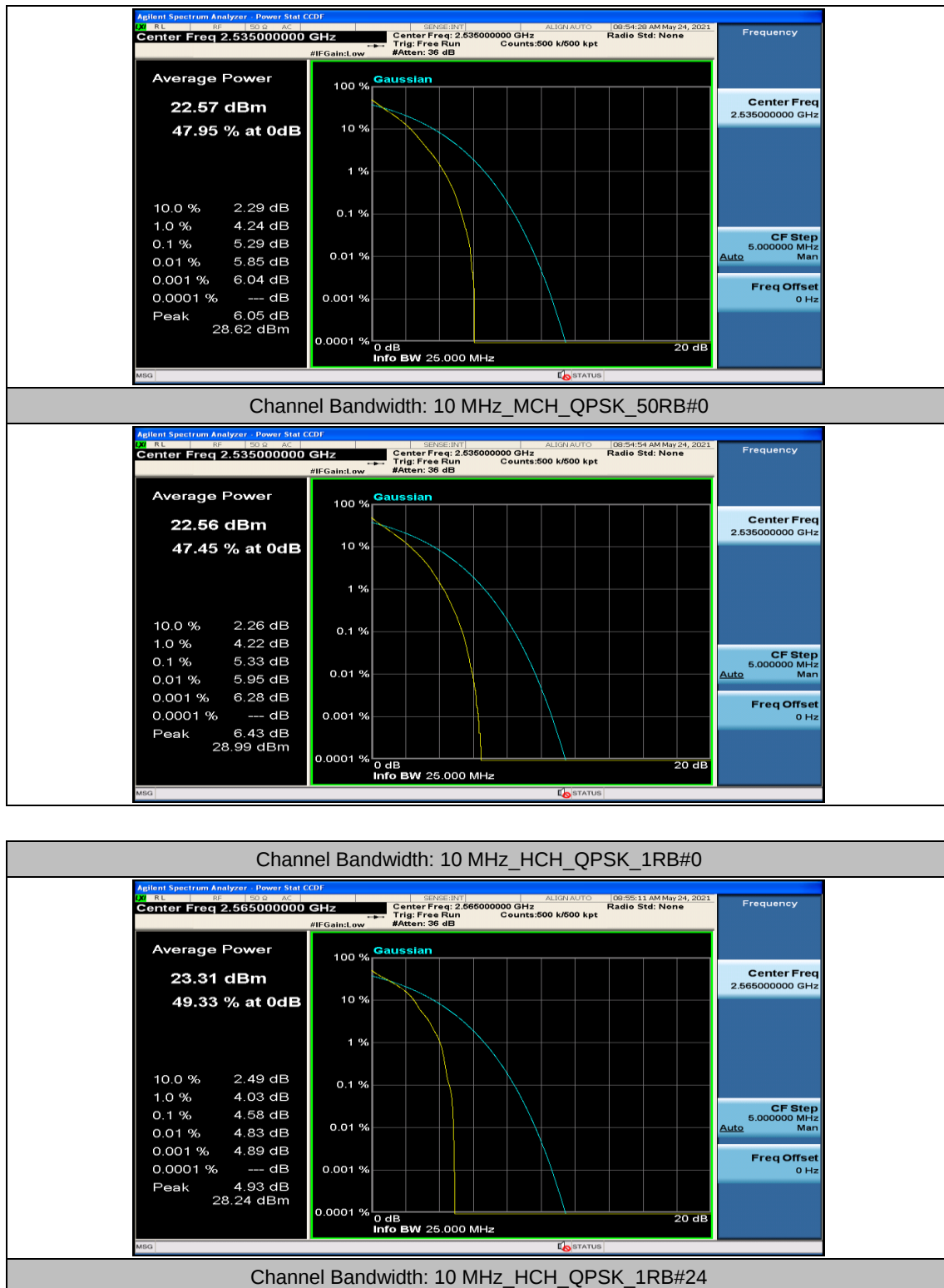


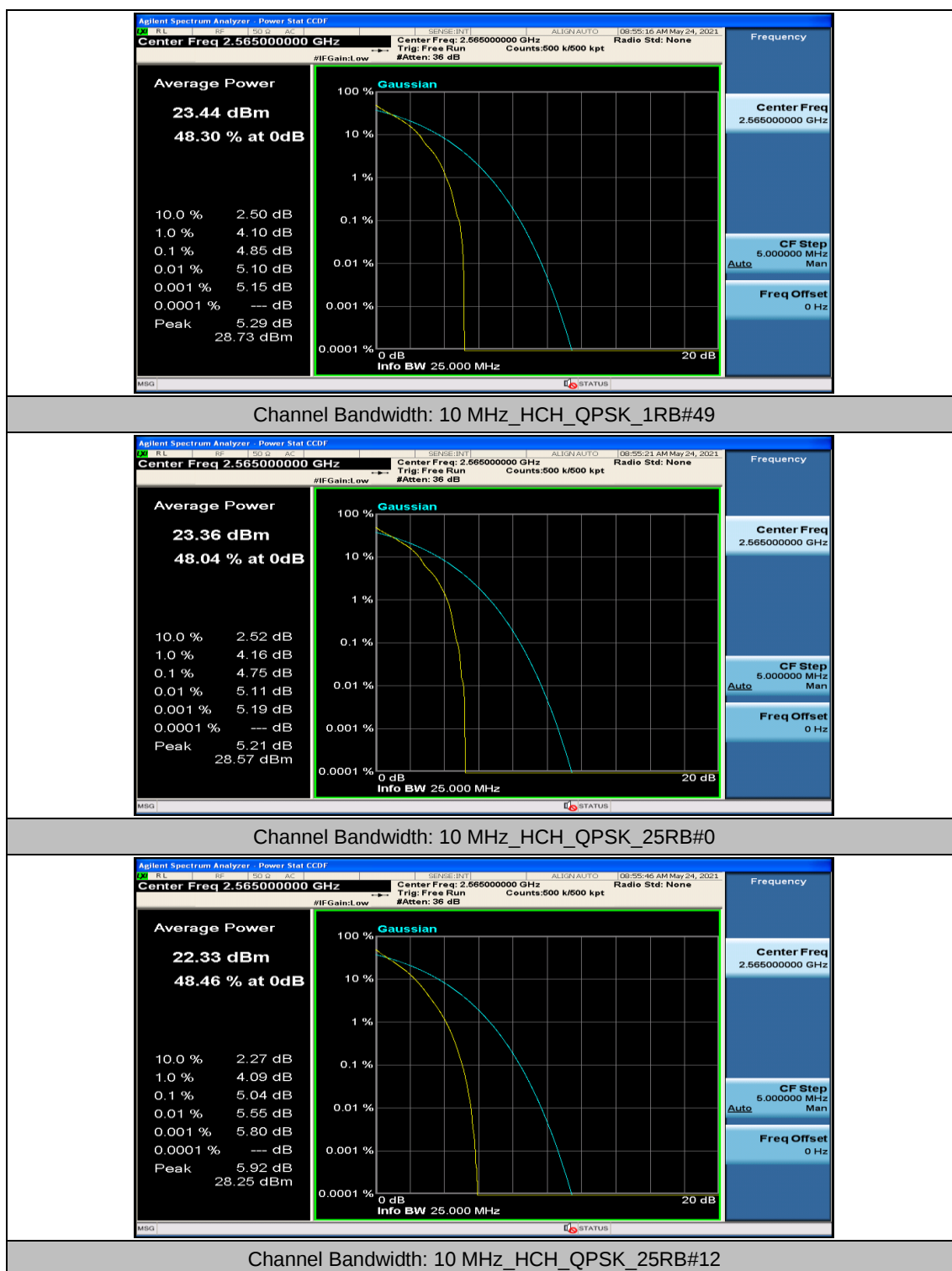
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

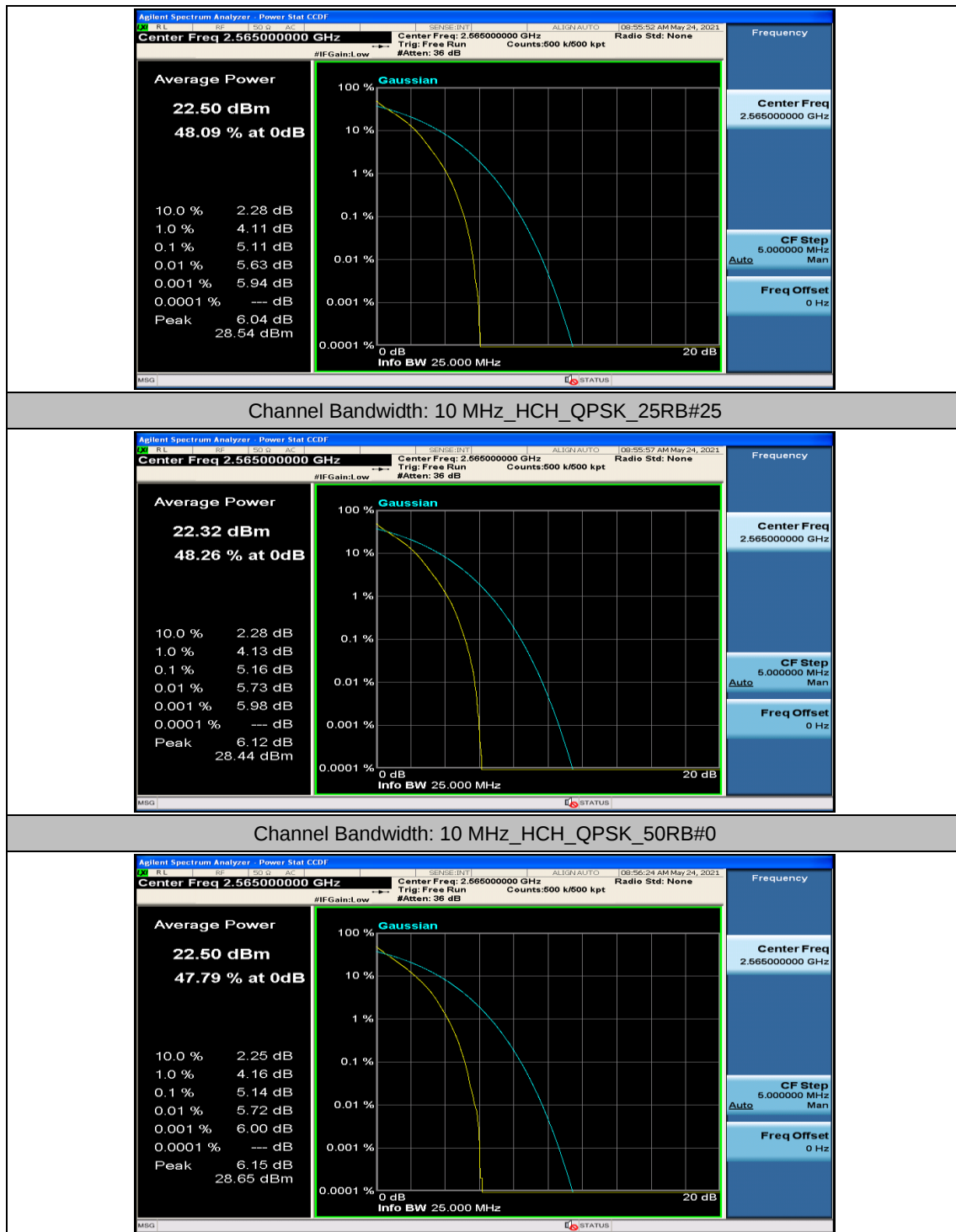


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

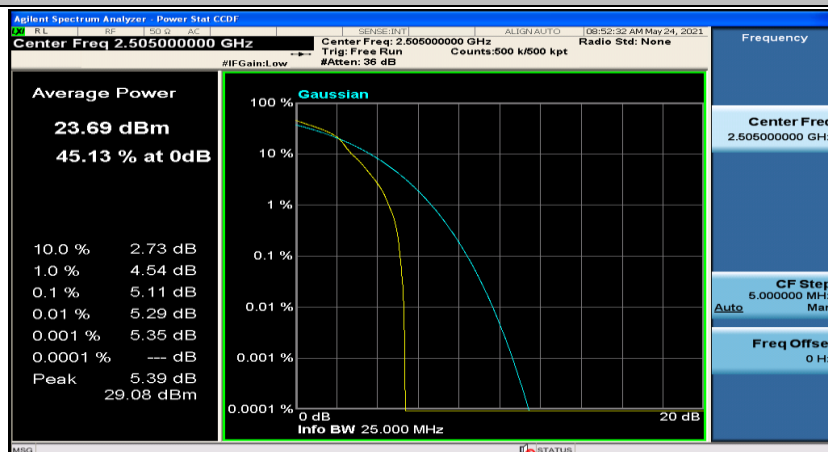




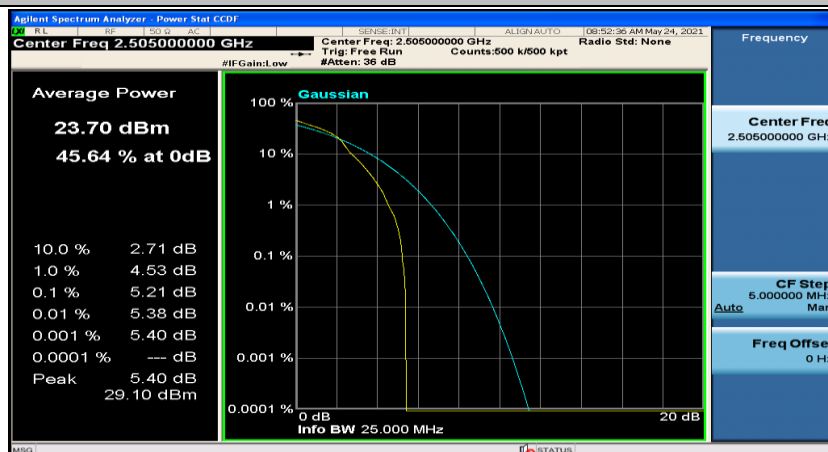




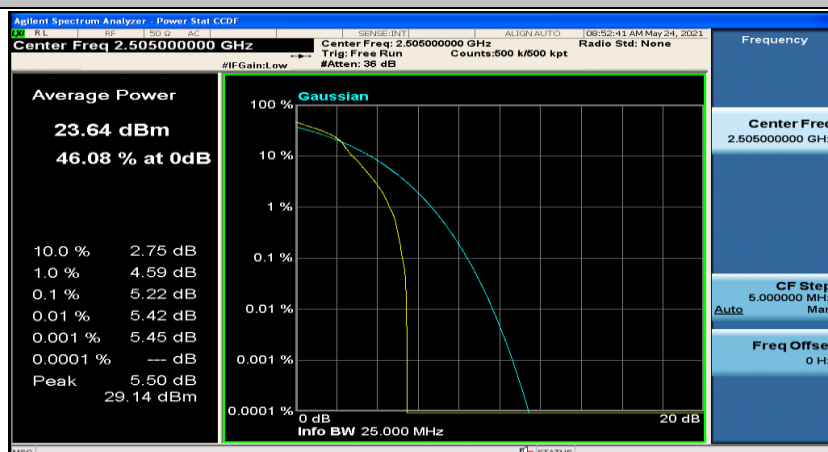
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



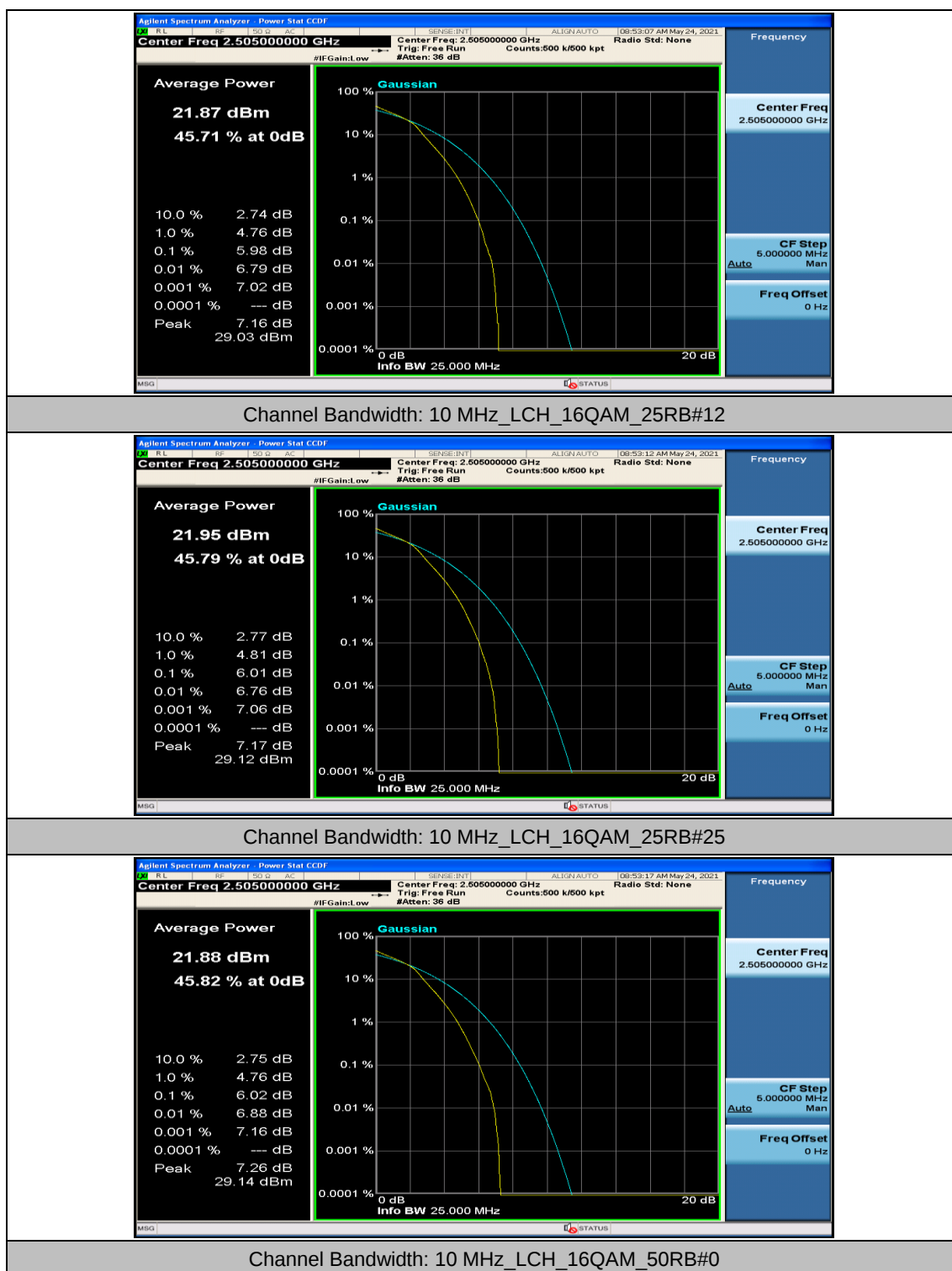
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

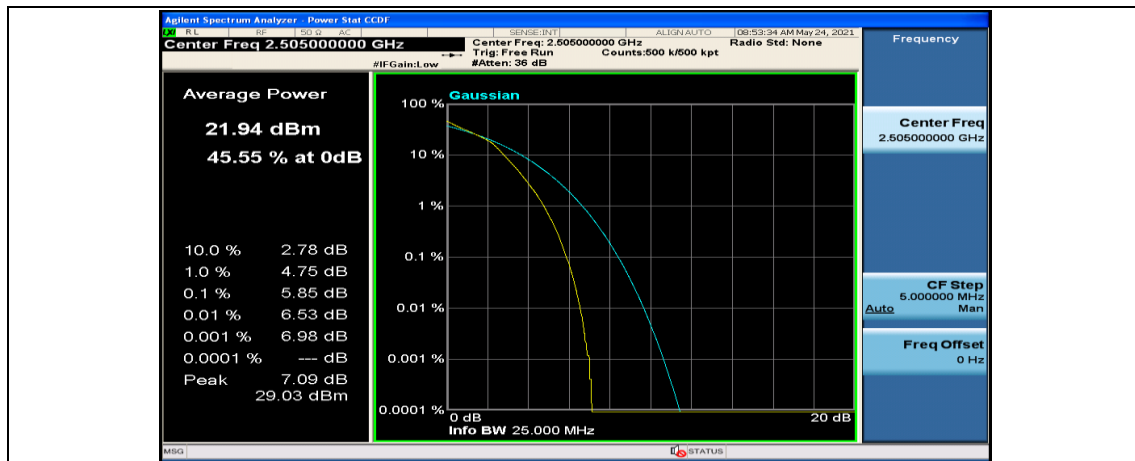


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

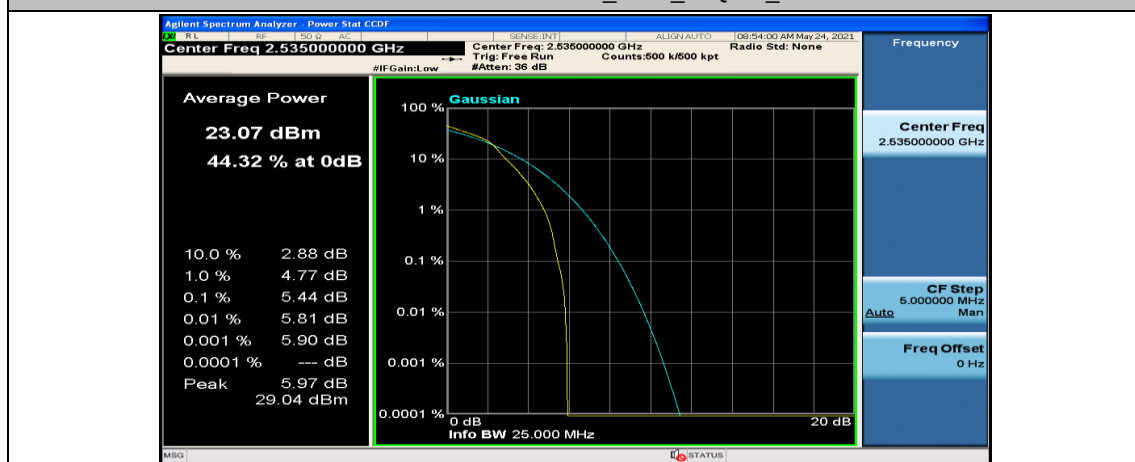


Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0

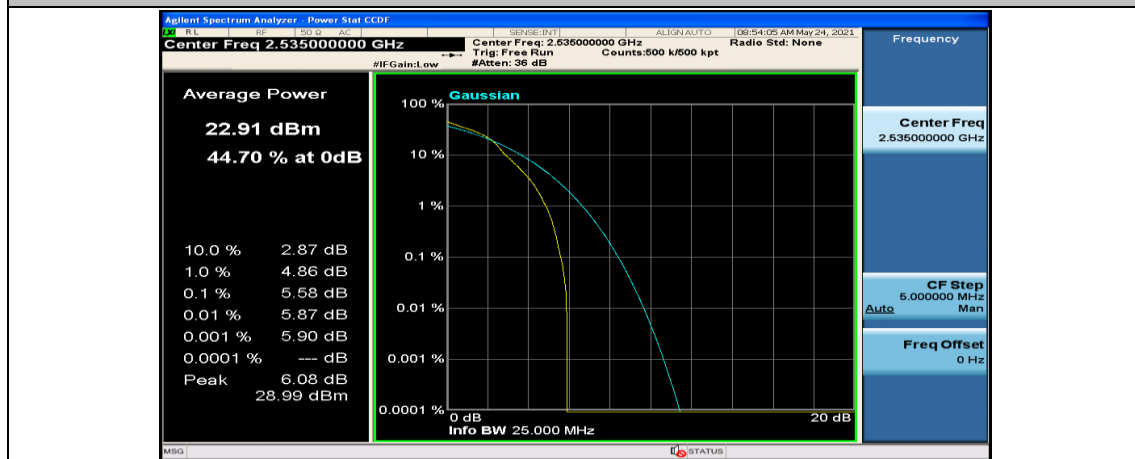




Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

