

Appendix for Band 5

Product Name: GPS

Model No: MDT760

Appendix A: Average Power Output Data

Test Result

Channel Bandwidth: 1.4 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.87	PASS
		1	3	22.99	PASS
		1	5	22.87	PASS
		3	0	22.98	PASS
		3	2	23.03	PASS
		3	3	22.96	PASS
		6	0	21.96	PASS
	MCH	1	0	22.90	PASS
		1	3	23.03	PASS
		1	5	22.90	PASS
		3	0	22.97	PASS
		3	2	22.96	PASS
		3	3	22.95	PASS
		6	0	21.88	PASS
	HCH	1	0	22.88	PASS
		1	3	23.09	PASS
		1	5	22.97	PASS
		3	0	23.05	PASS
		3	2	23.07	PASS
		3	3	23.09	PASS
		6	0	21.94	PASS
16QAM	LCH	1	0	22.17	PASS
		1	3	22.31	PASS
		1	5	22.12	PASS
		3	0	22.10	PASS
		3	2	22.09	PASS
		3	3	22.05	PASS
		6	0	20.98	PASS
	MCH	1	0	22.29	PASS
		1	3	22.47	PASS
		1	5	22.27	PASS
		3	0	21.94	PASS
		3	2	21.97	PASS

		3	3	22.04	PASS
		6	0	20.95	PASS
	HCH	1	0	22.22	PASS
		1	3	22.51	PASS
		1	5	22.26	PASS
		3	0	22.07	PASS
		3	2	22.14	PASS
		3	3	22.14	PASS
		6	0	21.17	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.92	PASS
		1	7	23.12	PASS
		1	14	22.88	PASS
		8	0	21.90	PASS
		8	4	21.91	PASS
		8	7	21.91	PASS
		15	0	21.89	PASS
	MCH	1	0	22.90	PASS
		1	7	23.14	PASS
		1	14	22.86	PASS
		8	0	21.83	PASS
		8	4	21.88	PASS
		8	7	21.86	PASS
		15	0	21.85	PASS
	HCH	1	0	22.96	PASS
		1	7	23.27	PASS
		1	14	22.97	PASS
		8	0	21.92	PASS
		8	4	21.97	PASS
		8	7	21.90	PASS
		15	0	21.95	PASS
16QAM	LCH	1	0	22.23	PASS
		1	7	22.38	PASS
		1	14	22.13	PASS
		8	0	21.03	PASS
		8	4	21.07	PASS
		8	7	21.00	PASS
		15	0	20.96	PASS

	MCH	1	0	22.33	PASS
		1	7	22.54	PASS
		1	14	22.33	PASS
		8	0	20.93	PASS
		8	4	20.97	PASS
		8	7	20.93	PASS
		15	0	20.92	PASS
	HCH	1	0	22.26	PASS
		1	7	22.49	PASS
		1	14	22.29	PASS
		8	0	20.97	PASS
		8	4	21.01	PASS
		8	7	20.97	PASS
		15	0	21.01	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.89	PASS
		1	12	23.16	PASS
		1	24	22.88	PASS
		12	0	21.91	PASS
		12	6	21.97	PASS
		12	13	21.91	PASS
		25	0	21.88	PASS
	MCH	1	0	22.84	PASS
		1	12	23.20	PASS
		1	24	22.83	PASS
		12	0	21.86	PASS
		12	6	21.92	PASS
		12	13	21.90	PASS
		25	0	21.94	PASS
	HCH	1	0	22.95	PASS
		1	12	23.24	PASS
		1	24	22.94	PASS
		12	0	22.00	PASS
		12	6	21.99	PASS
		12	13	21.89	PASS
		25	0	21.99	PASS
16QAM	LCH	1	0	22.21	PASS
		1	12	22.41	PASS

		1	24	22.09	PASS
		12	0	20.99	PASS
		12	6	21.04	PASS
		12	13	20.95	PASS
		25	0	20.96	PASS
	MCH	1	0	22.19	PASS
		1	12	22.52	PASS
		1	24	22.16	PASS
		12	0	21.00	PASS
		12	6	21.08	PASS
		12	13	21.04	PASS
		25	0	21.00	PASS
	HCH	1	0	22.14	PASS
		1	12	22.45	PASS
		1	24	22.19	PASS
		12	0	21.03	PASS
		12	6	21.03	PASS
		12	13	20.95	PASS
		25	0	21.06	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.92	PASS
		1	24	23.05	PASS
		1	49	22.91	PASS
		25	0	21.97	PASS
		25	12	21.95	PASS
		25	25	21.96	PASS
		50	0	21.95	PASS
	MCH	1	0	23.04	PASS
		1	24	23.31	PASS
		1	49	22.88	PASS
		25	0	21.99	PASS
		25	12	21.93	PASS
		25	25	22.04	PASS
		50	0	21.96	PASS
	HCH	1	0	22.99	PASS
		1	24	23.05	PASS
		1	49	22.99	PASS
		25	0	22.07	PASS

		25	12	21.98	PASS
		25	25	21.87	PASS
		50	0	21.98	PASS
16QAM	LCH	1	0	22.26	PASS
		1	24	22.34	PASS
		1	49	22.24	PASS
		25	0	21.01	PASS
		25	12	20.99	PASS
		25	25	20.99	PASS
		50	0	20.97	PASS
	MCH	1	0	22.35	PASS
		1	24	22.54	PASS
		1	49	22.30	PASS
		25	0	21.09	PASS
		25	12	20.98	PASS
		25	25	21.12	PASS
		50	0	21.09	PASS
	HCH	1	0	22.24	PASS
		1	24	22.34	PASS
		1	49	22.32	PASS
		25	0	21.14	PASS
		25	12	21.06	PASS
		25	25	20.94	PASS
		50	0	21.06	PASS

Appendix B: Peak-to-Average Ratio

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.9	<13	PASS
		1	3	4.65	<13	PASS
		1	5	4.55	<13	PASS
		3	0	4.92	<13	PASS
		3	2	4.82	<13	PASS
		3	3	4.78	<13	PASS
		6	0	5.44	<13	PASS
	MCH	1	0	5.57	<13	PASS
		1	3	5.35	<13	PASS
		1	5	5.46	<13	PASS
		3	0	5.46	<13	PASS
		3	2	5.47	<13	PASS
		3	3	5.51	<13	PASS
		6	0	5.75	<13	PASS
	HCH	1	0	5.16	<13	PASS
		1	3	5.12	<13	PASS
		1	5	5.14	<13	PASS
		3	0	5.1	<13	PASS
		3	2	5.16	<13	PASS
		3	3	5.2	<13	PASS
		6	0	5.75	<13	PASS
16QAM	LCH	1	0	5.79	<13	PASS
		1	3	5.67	<13	PASS
		1	5	5.7	<13	PASS
		3	0	5.89	<13	PASS
		3	2	5.82	<13	PASS
		3	3	5.81	<13	PASS
		6	0	6.36	<13	PASS
	MCH	1	0	6.39	<13	PASS
		1	3	6.07	<13	PASS
		1	5	6.4	<13	PASS

		3	0	6.26	<13	PASS
		3	2	6.3	<13	PASS
		3	3	6.22	<13	PASS
		6	0	6.71	<13	PASS
	HCH	1	0	6.02	<13	PASS
		1	3	5.99	<13	PASS
		1	5	5.98	<13	PASS
		3	0	6.08	<13	PASS
		3	2	6.01	<13	PASS
		3	3	6.13	<13	PASS
		6	0	6.77	<13	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.99	<13	PASS
		1	7	4.63	<13	PASS
		1	14	4.48	<13	PASS
		8	0	5.52	<13	PASS
		8	4	5.33	<13	PASS
		8	7	5.3	<13	PASS
		15	0	5.35	<13	PASS
	MCH	1	0	5.22	<13	PASS
		1	7	5.08	<13	PASS
		1	14	5.11	<13	PASS
		8	0	5.95	<13	PASS
		8	4	5.85	<13	PASS
		8	7	5.82	<13	PASS
		15	0	5.9	<13	PASS
	HCH	1	0	4.79	<13	PASS
		1	7	4.8	<13	PASS
		1	14	5.19	<13	PASS
		8	0	5.6	<13	PASS
		8	4	5.67	<13	PASS
		8	7	5.83	<13	PASS
		15	0	5.55	<13	PASS
16QAM	LCH	1	0	5.72	<13	PASS
		1	7	5.59	<13	PASS
		1	14	5.38	<13	PASS
		8	0	6.16	<13	PASS

		8	4	5.97	<13	PASS
		8	7	5.94	<13	PASS
		15	0	6.37	<13	PASS
	MCH	1	0	6.2	<13	PASS
		1	7	5.94	<13	PASS
		1	14	5.99	<13	PASS
		8	0	6.54	<13	PASS
		8	4	6.46	<13	PASS
		8	7	6.56	<13	PASS
		15	0	6.68	<13	PASS
	HCH	1	0	5.72	<13	PASS
		1	7	5.86	<13	PASS
		1	14	6.07	<13	PASS
		8	0	6.52	<13	PASS
		8	4	6.66	<13	PASS
		8	7	6.75	<13	PASS
		15	0	6.37	<13	PASS

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	5.18	<13	PASS
		1	12	4.41	<13	PASS
		1	24	4.67	<13	PASS
		12	0	5.43	<13	PASS
		12	6	5.19	<13	PASS
		12	13	5.13	<13	PASS
		25	0	5.31	<13	PASS
	MCH	1	0	5.39	<13	PASS
		1	12	5.38	<13	PASS
		1	24	5.24	<13	PASS
		12	0	5.6	<13	PASS
		12	6	5.76	<13	PASS
		12	13	5.73	<13	PASS
		25	0	5.84	<13	PASS
	HCH	1	0	4.74	<13	PASS
		1	12	4.76	<13	PASS
		1	24	5.22	<13	PASS
		12	0	5.23	<13	PASS
		12	6	5.52	<13	PASS

		12	13	5.71	<13	PASS
		25	0	5.53	<13	PASS
16QAM	LCH	1	0	5.78	<13	PASS
		1	12	5.31	<13	PASS
		1	24	5.36	<13	PASS
		12	0	6.3	<13	PASS
		12	6	6.08	<13	PASS
		12	13	5.97	<13	PASS
		25	0	6.03	<13	PASS
	MCH	1	0	6.59	<13	PASS
		1	12	6.39	<13	PASS
		1	24	6.15	<13	PASS
		12	0	6.5	<13	PASS
		12	6	6.58	<13	PASS
		12	13	6.44	<13	PASS
		25	0	6.7	<13	PASS
	HCH	1	0	5.37	<13	PASS
		1	12	5.79	<13	PASS
		1	24	6.11	<13	PASS
		12	0	6.14	<13	PASS
		12	6	6.25	<13	PASS
		12	13	6.46	<13	PASS
		25	0	6.29	<13	PASS

Channel Bandwidth: 10 MHz

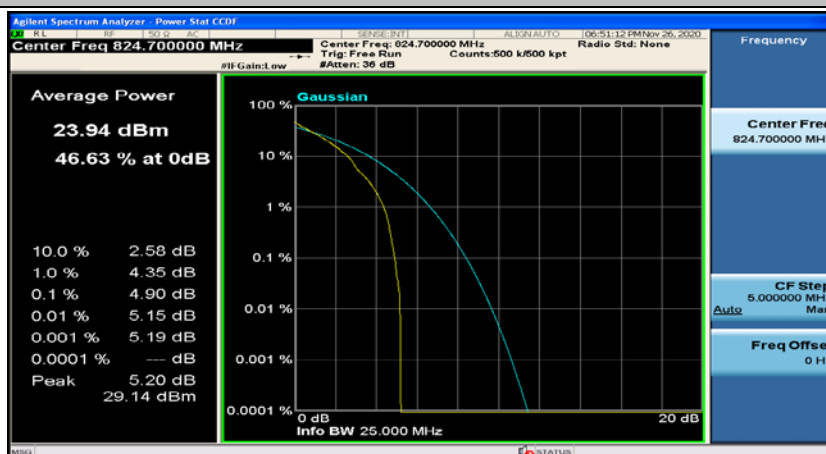
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.86	<13	PASS
		1	24	4.39	<13	PASS
		1	49	5.21	<13	PASS
		25	0	5.29	<13	PASS
		25	12	5.19	<13	PASS
		25	25	5.45	<13	PASS
		50	0	5.48	<13	PASS
	MCH	1	0	4.92	<13	PASS
		1	24	5.16	<13	PASS
		1	49	4.64	<13	PASS
		25	0	5.79	<13	PASS
		25	12	5.84	<13	PASS
		25	25	5.59	<13	PASS

		50	0	5.65	<13	PASS
	HCH	1	0	4.91	<13	PASS
		1	24	4.58	<13	PASS
		1	49	5.09	<13	PASS
		25	0	5.21	<13	PASS
		25	12	5.25	<13	PASS
		25	25	5.45	<13	PASS
		50	0	5.49	<13	PASS
16QAM	LCH	1	0	5.75	<13	PASS
		1	24	5.36	<13	PASS
		1	49	6.12	<13	PASS
		25	0	6.02	<13	PASS
		25	12	6.01	<13	PASS
		25	25	6.25	<13	PASS
		50	0	6.16	<13	PASS
	MCH	1	0	5.72	<13	PASS
		1	24	6.11	<13	PASS
		1	49	5.6	<13	PASS
		25	0	6.55	<13	PASS
		25	12	6.71	<13	PASS
		25	25	6.44	<13	PASS
		50	0	6.44	<13	PASS
	HCH	1	0	5.84	<13	PASS
		1	24	5.4	<13	PASS
		1	49	6.09	<13	PASS
		25	0	6.15	<13	PASS
		25	12	6.14	<13	PASS
		25	25	6.37	<13	PASS
		50	0	6.24	<13	PASS

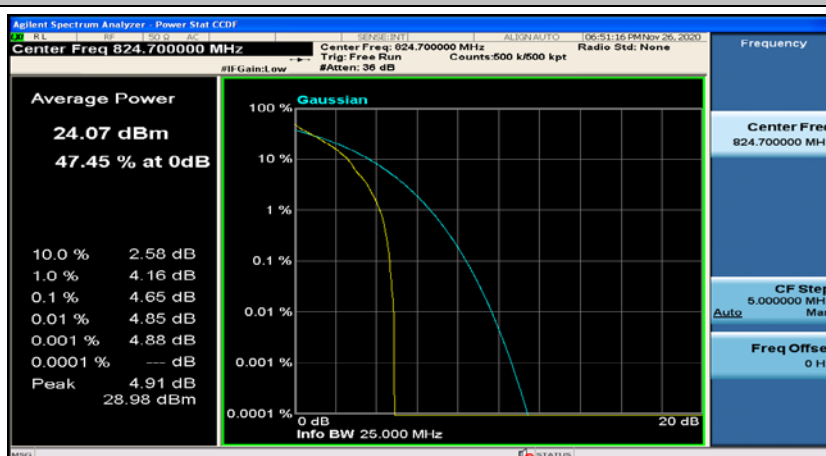
Test Graphs

Channel Bandwidth: 1.4 MHz

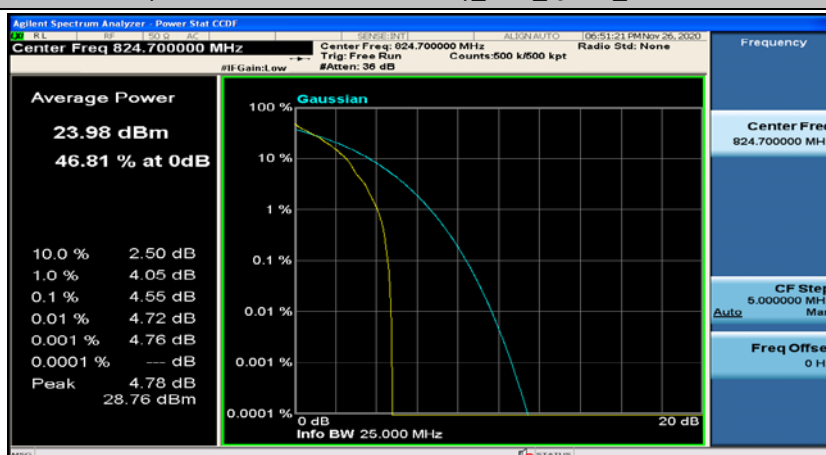
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



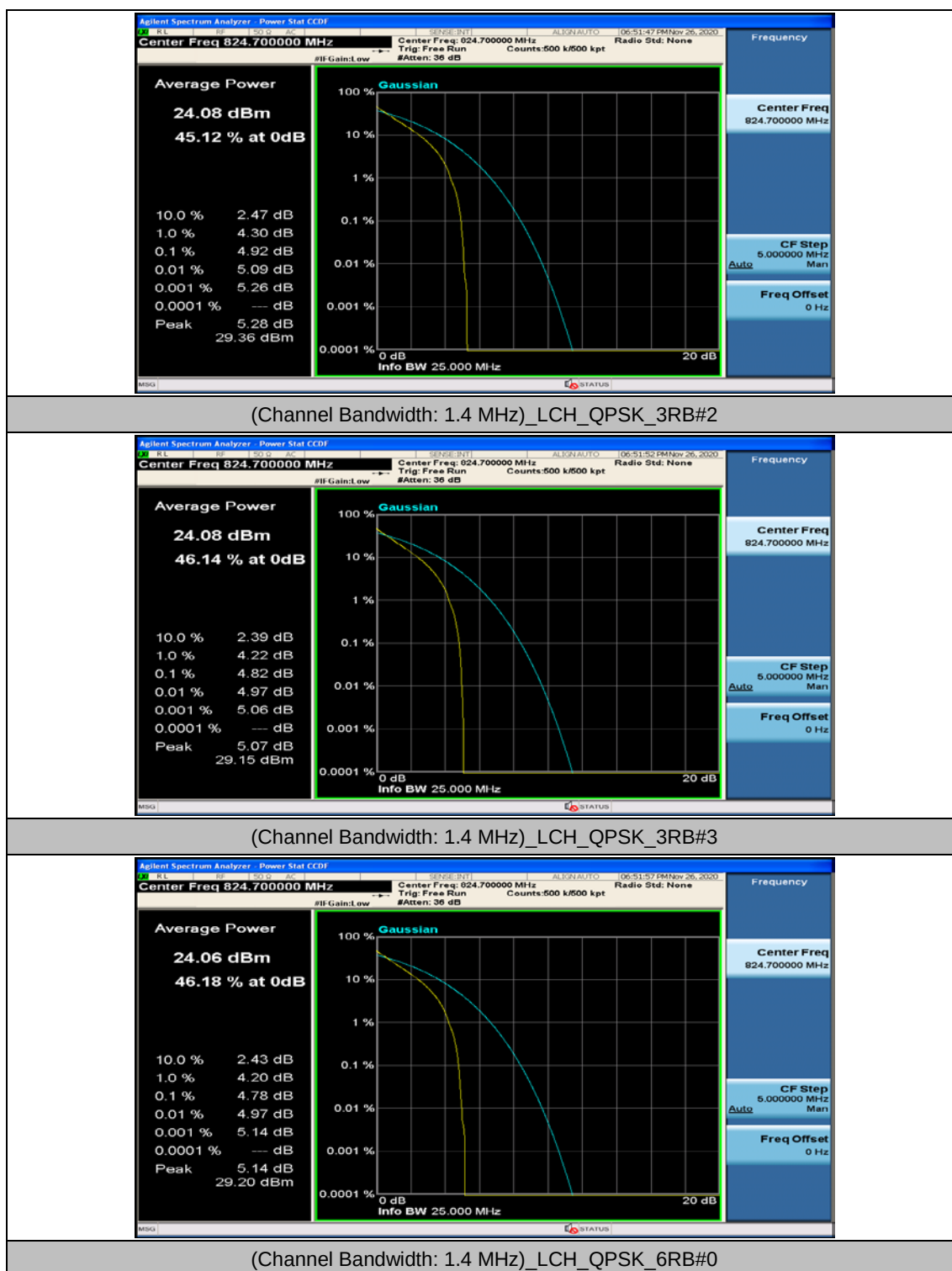
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3

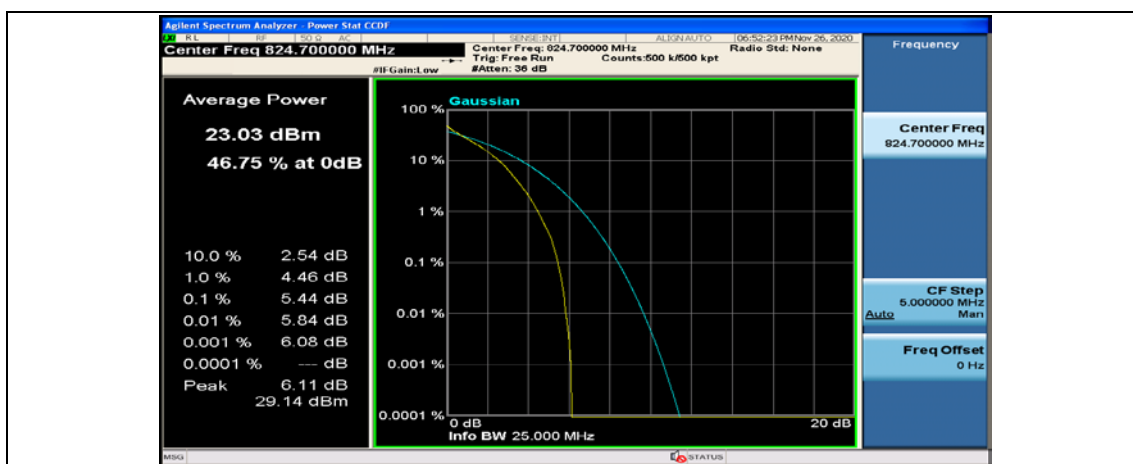


(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5

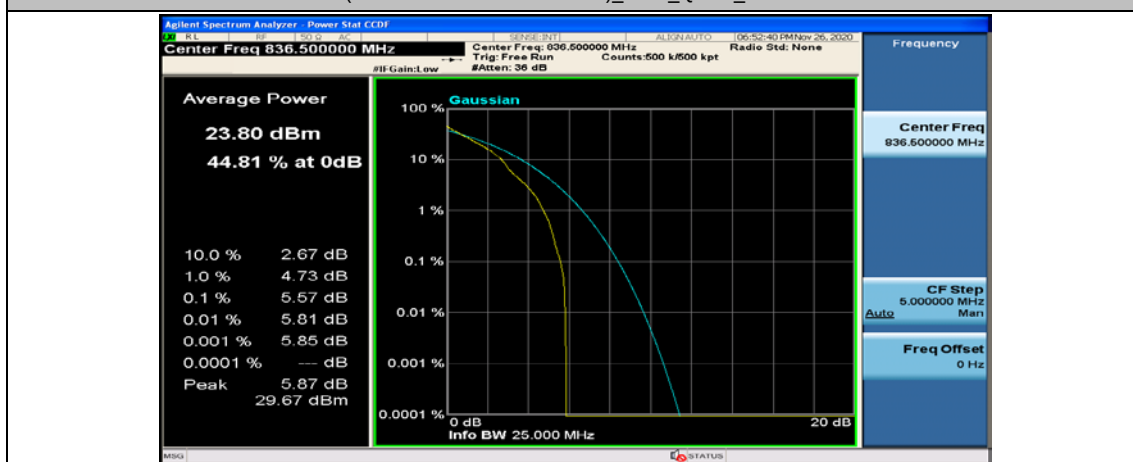


(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0

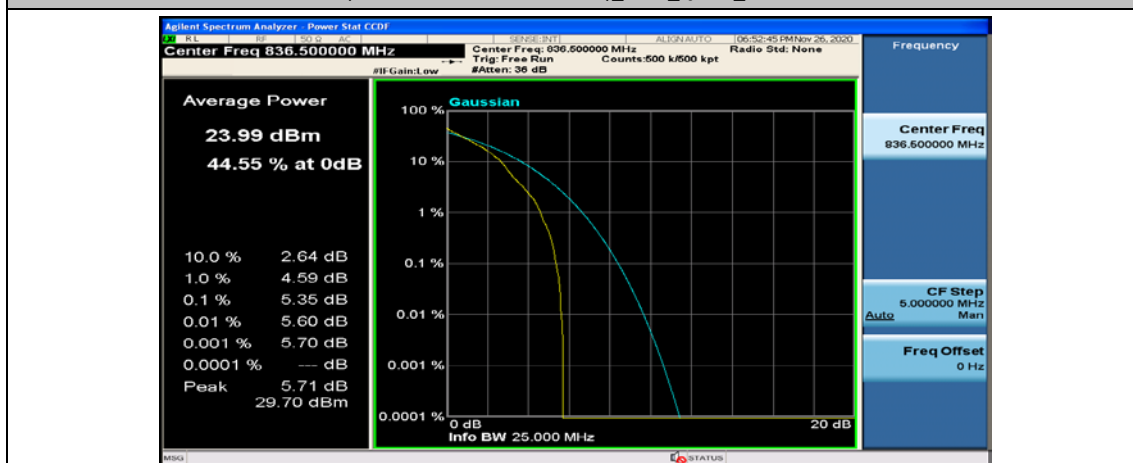




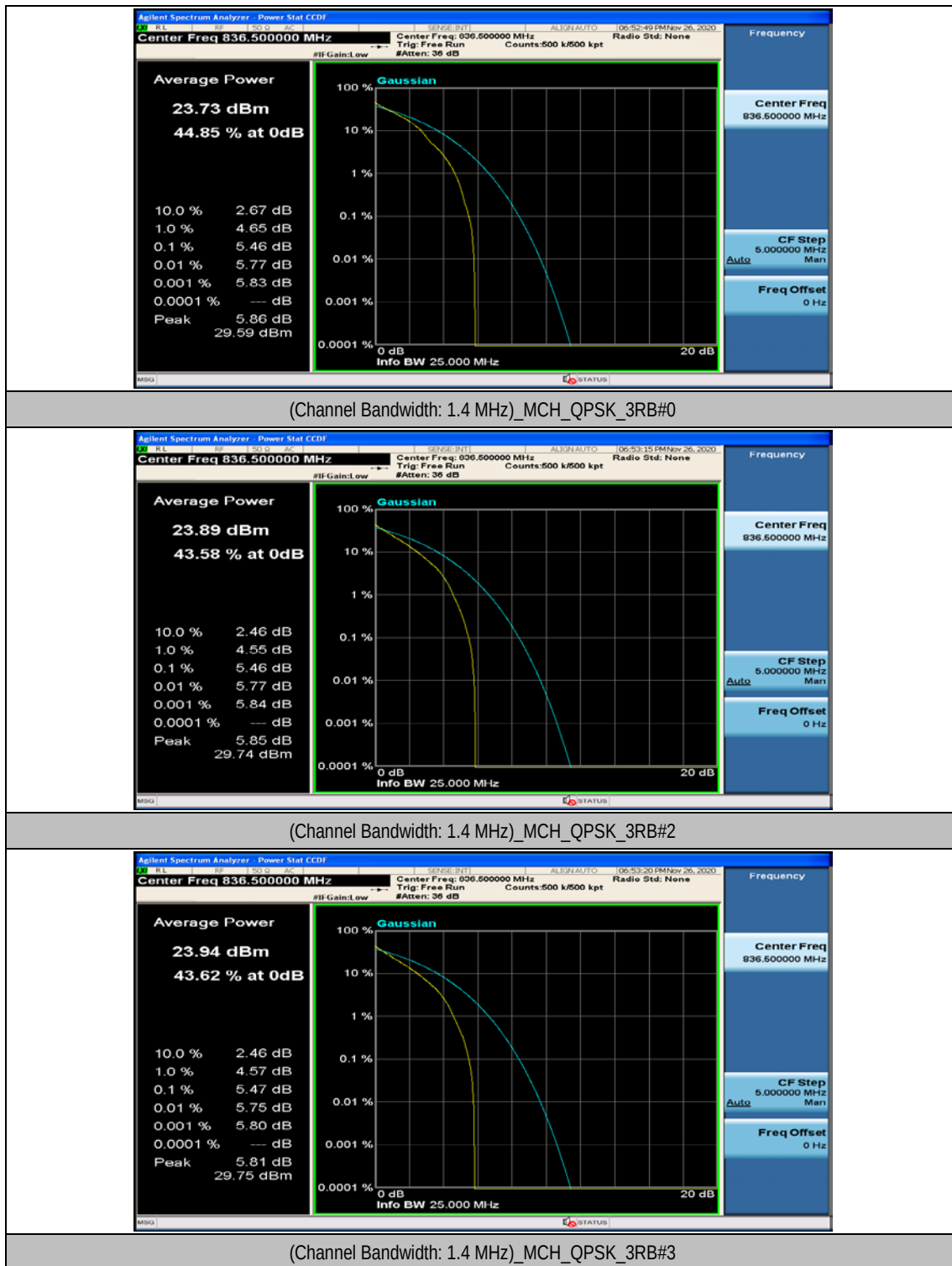
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

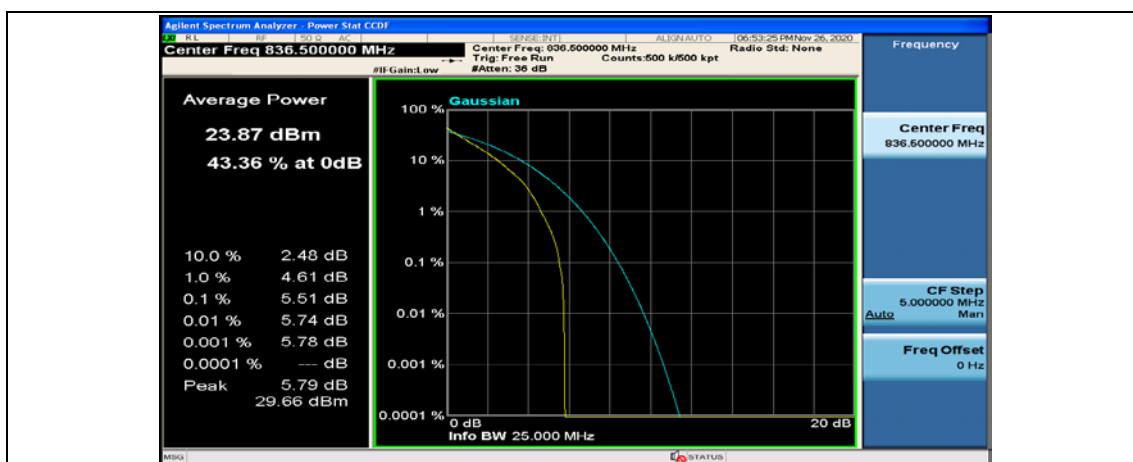


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

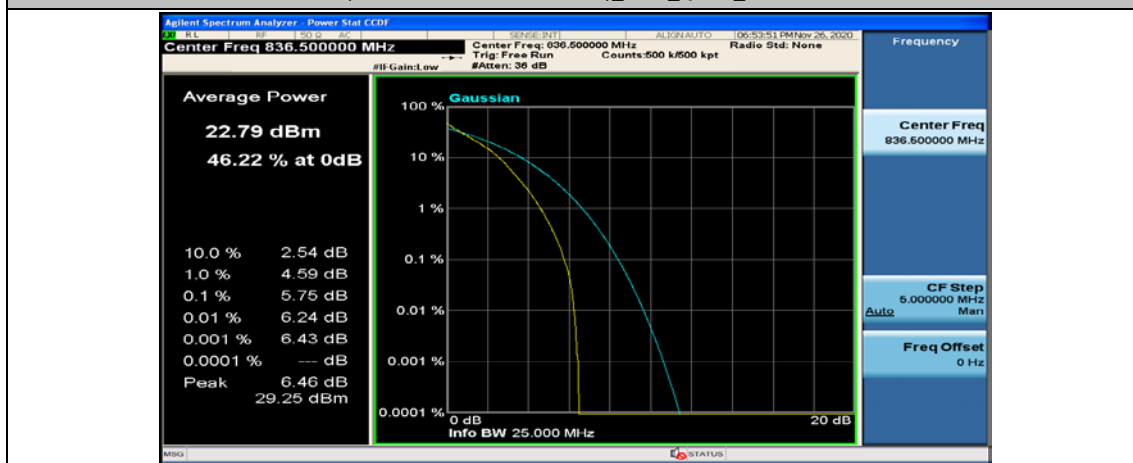


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

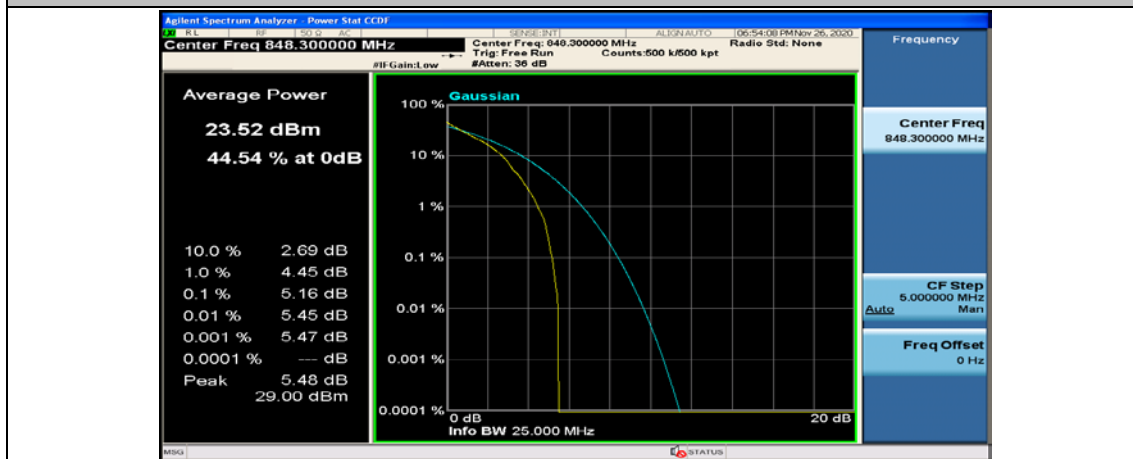




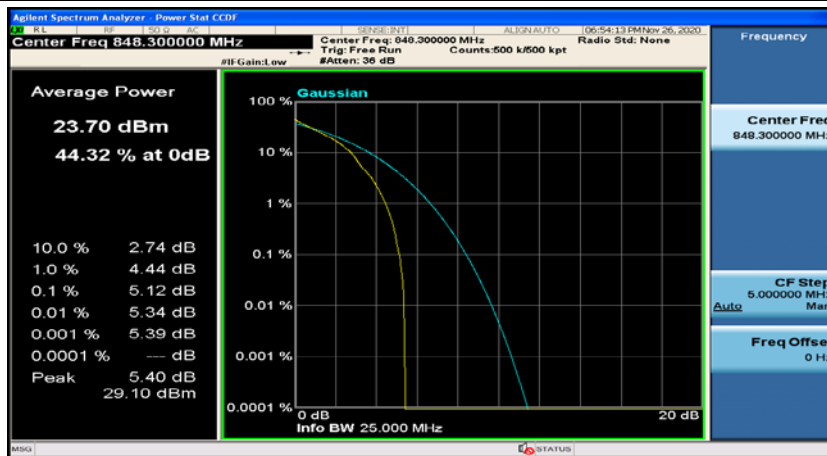
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



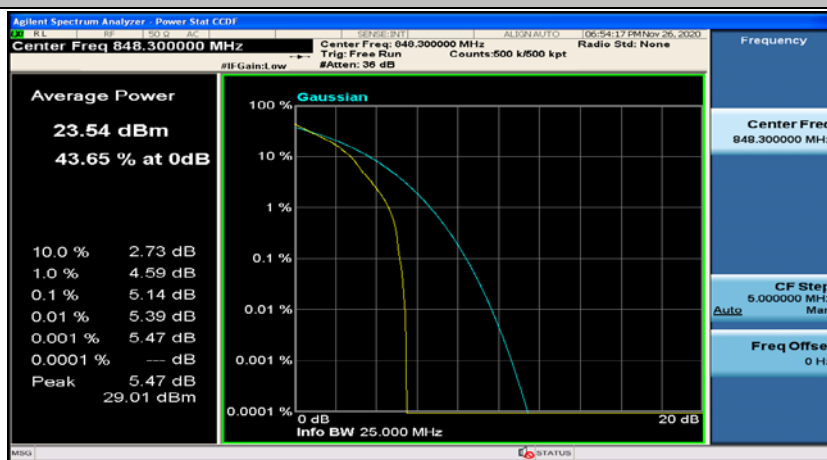
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



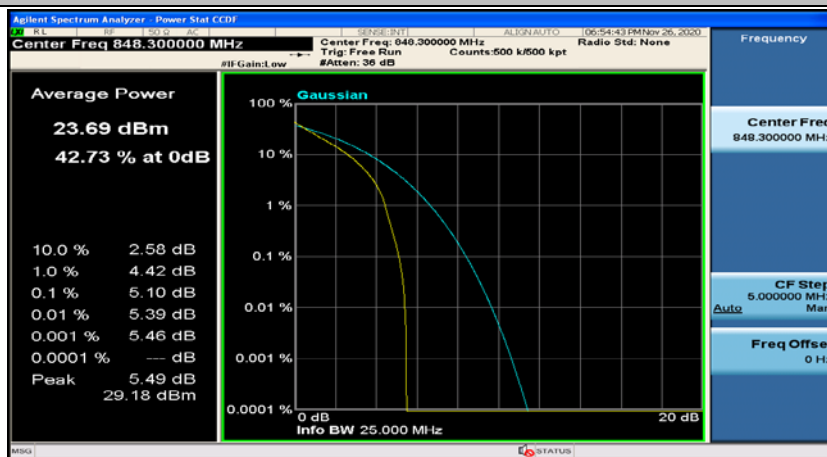
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



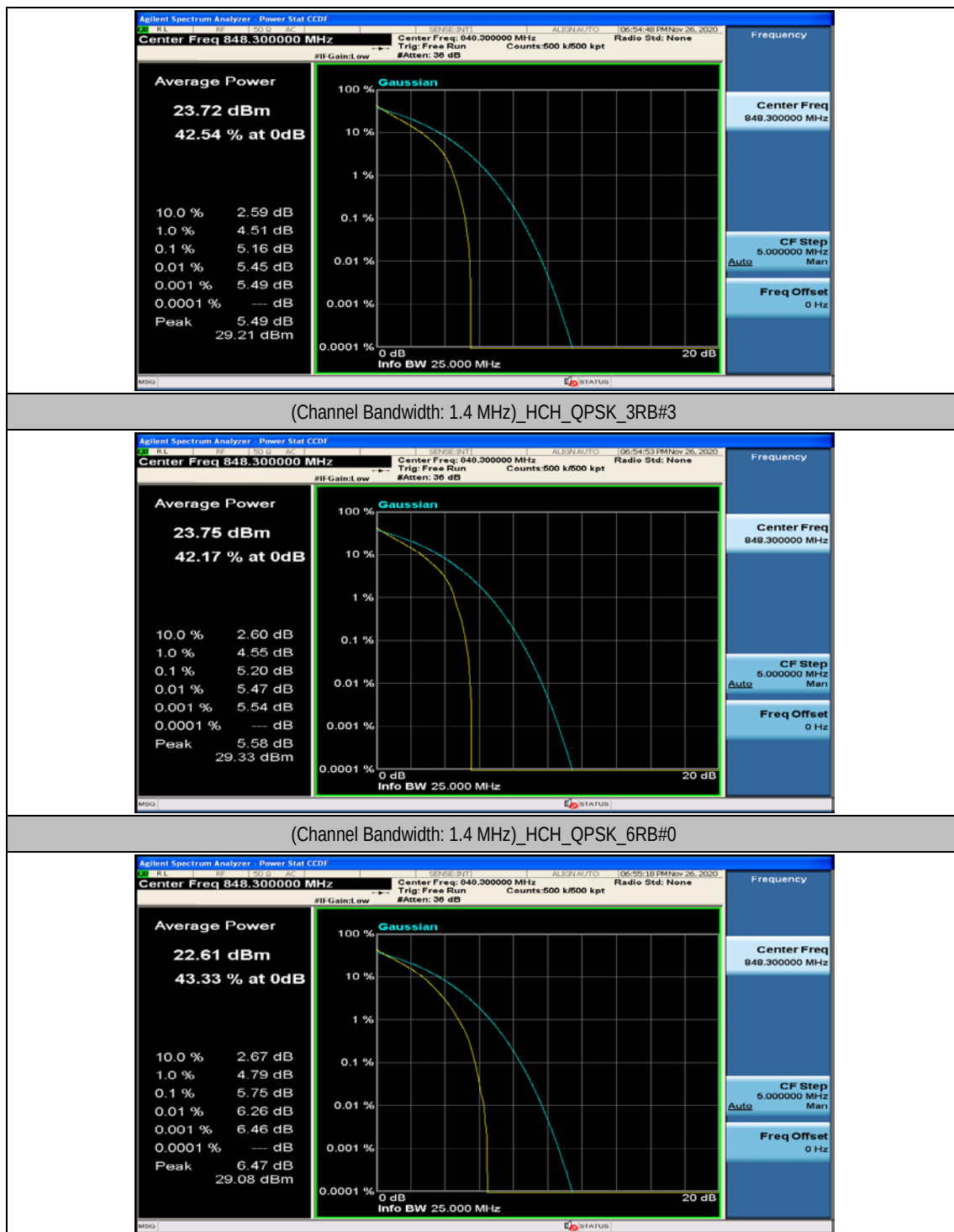
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



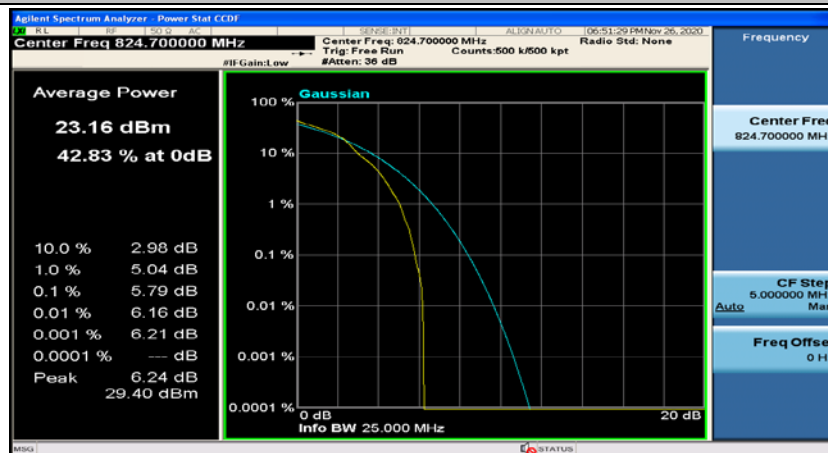
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



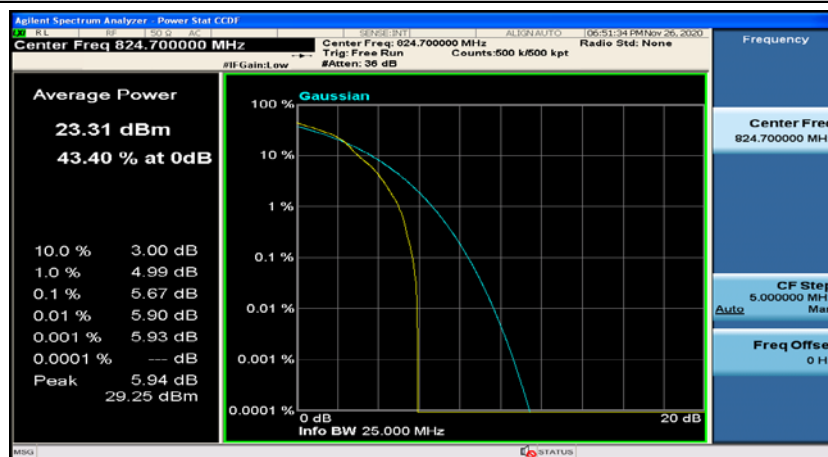
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



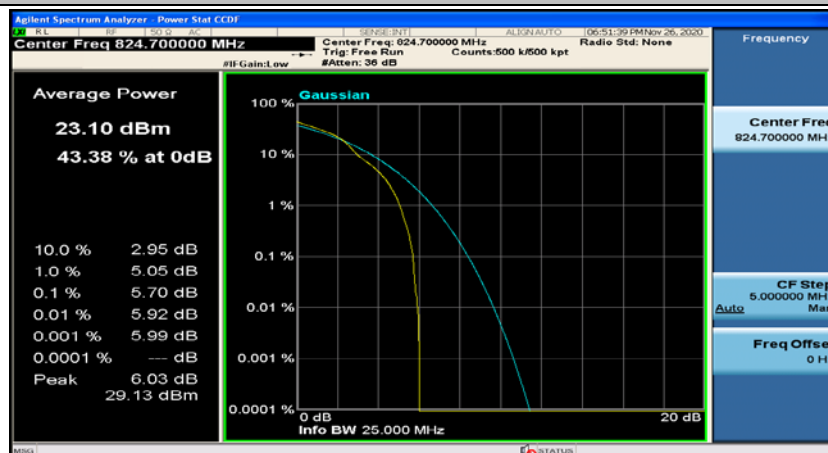
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



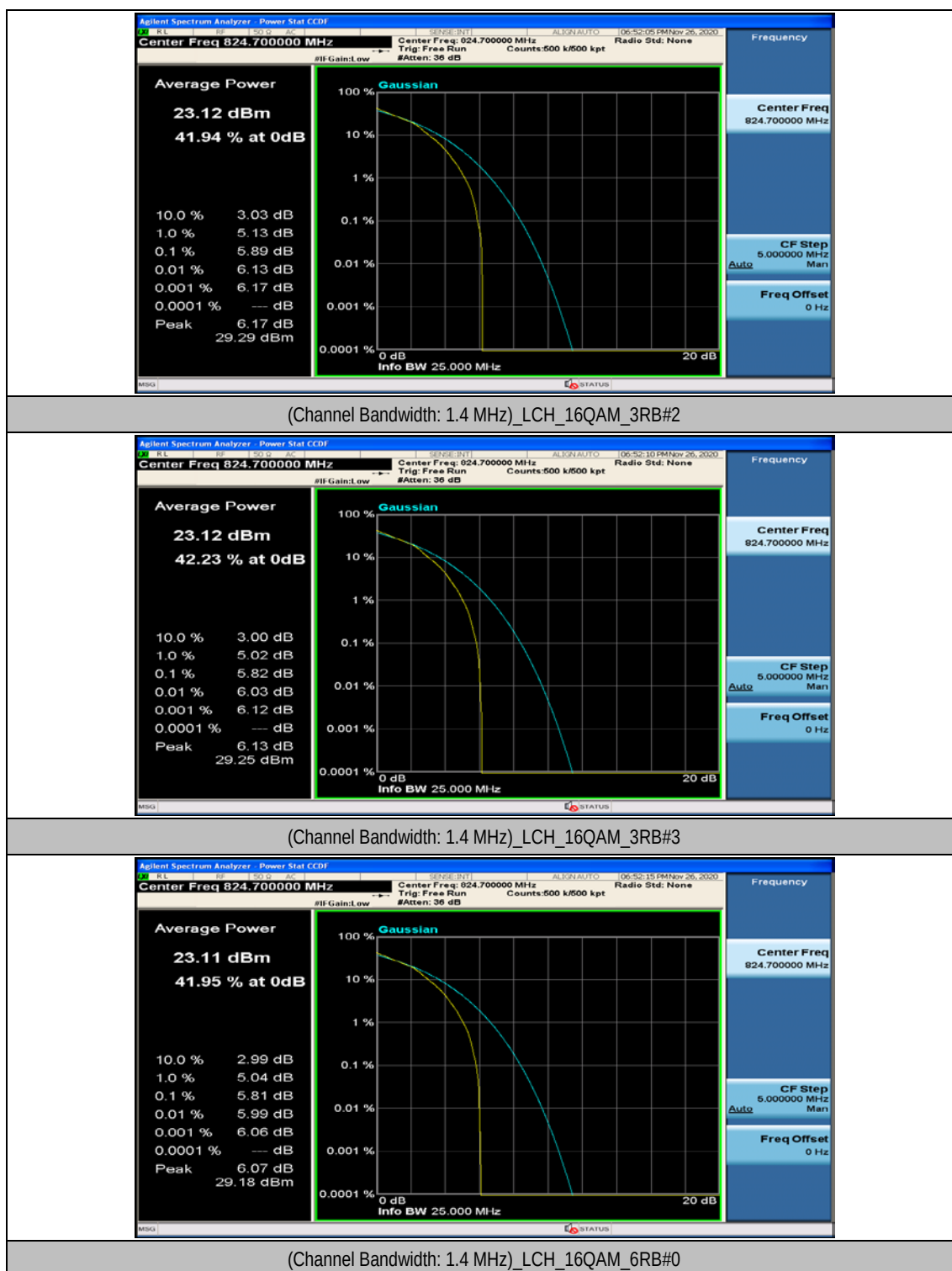
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3

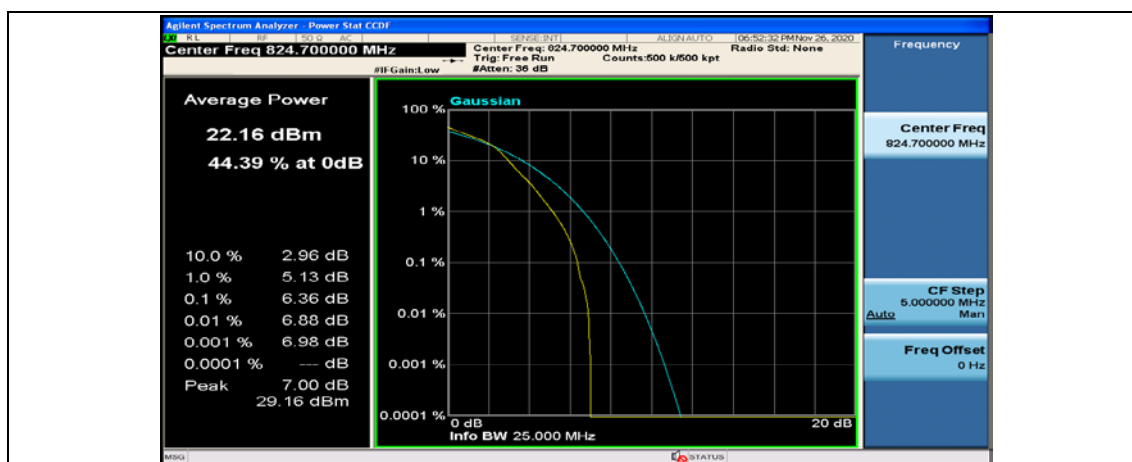


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0

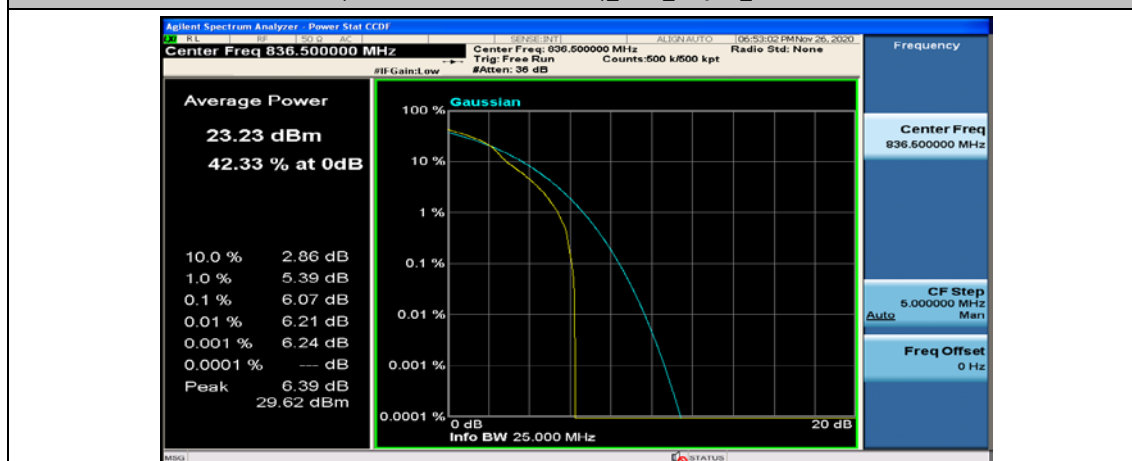




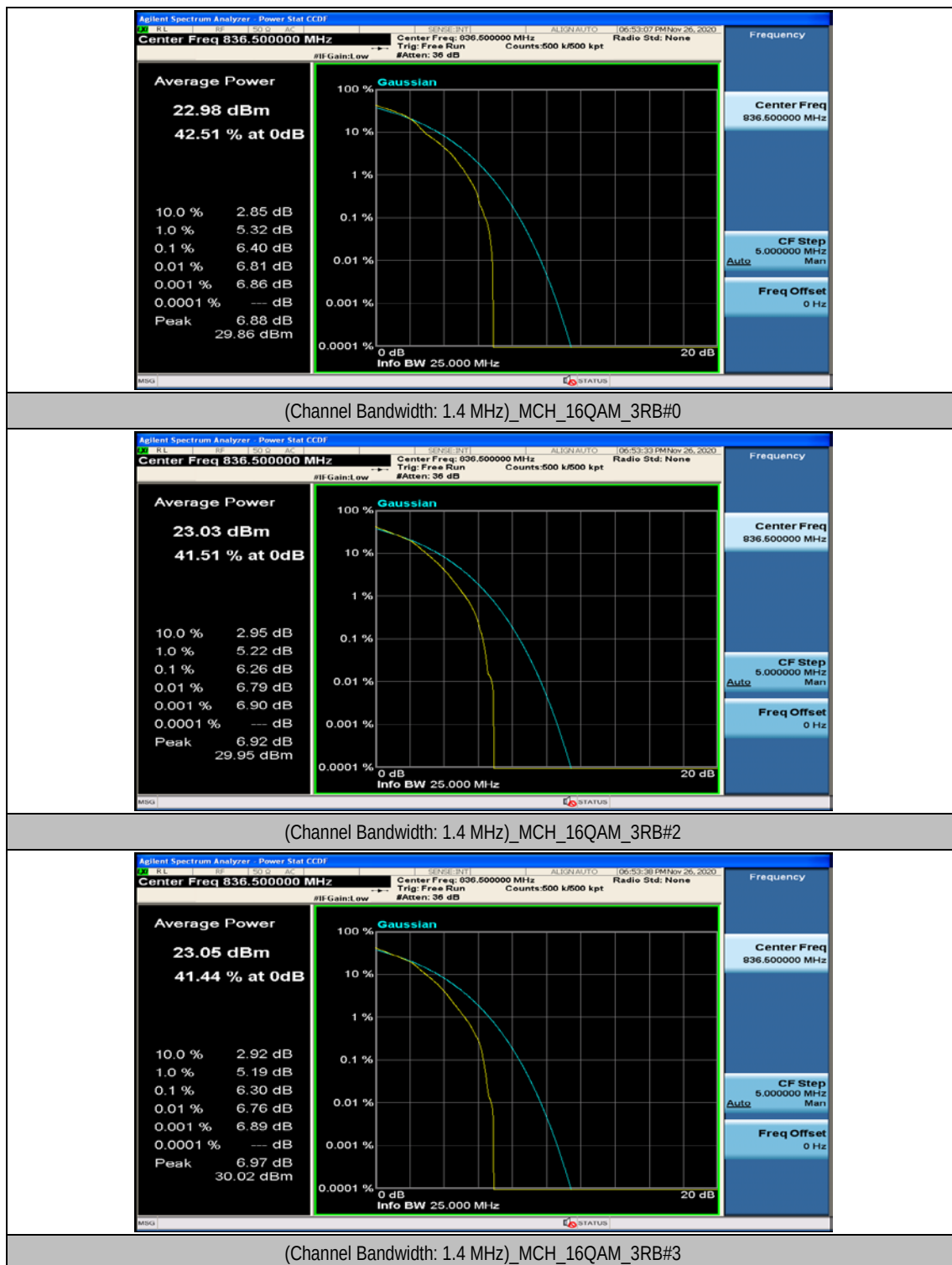
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

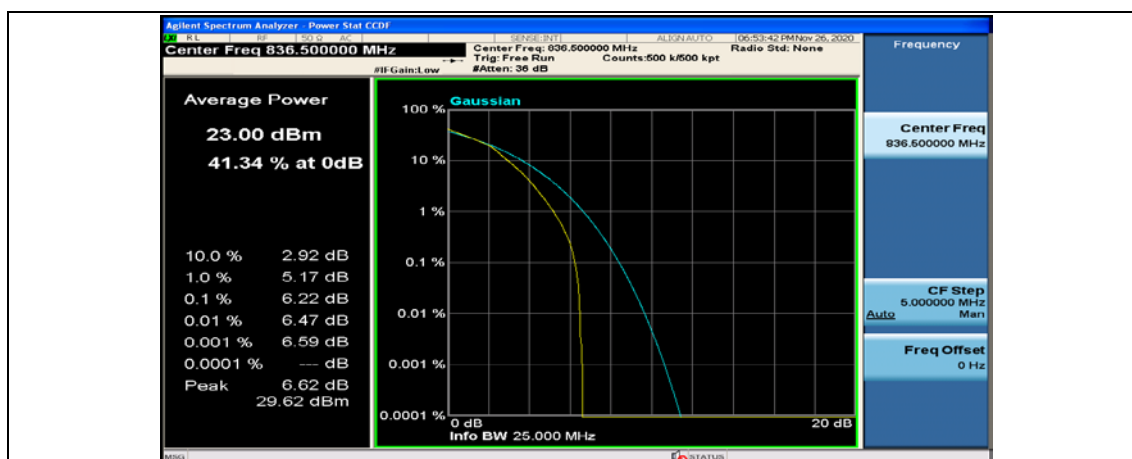


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

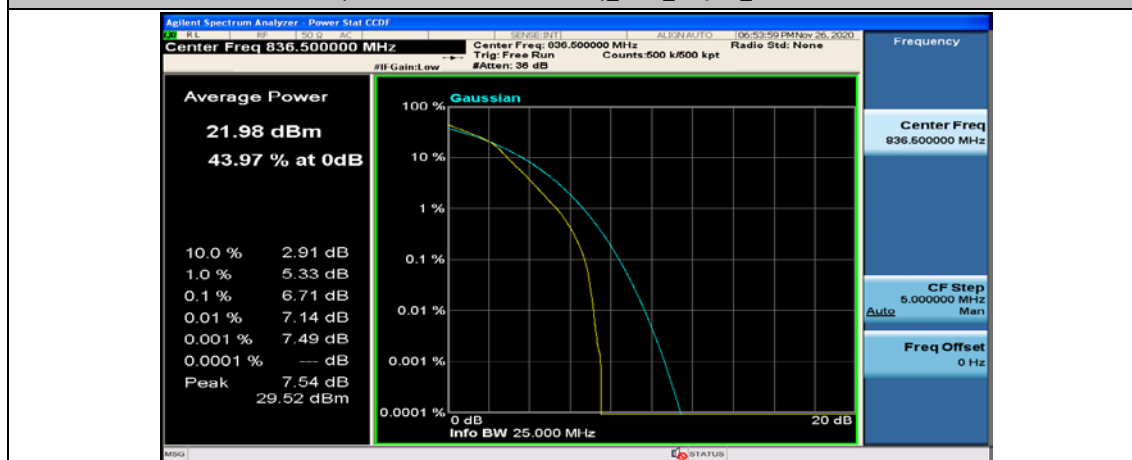


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5

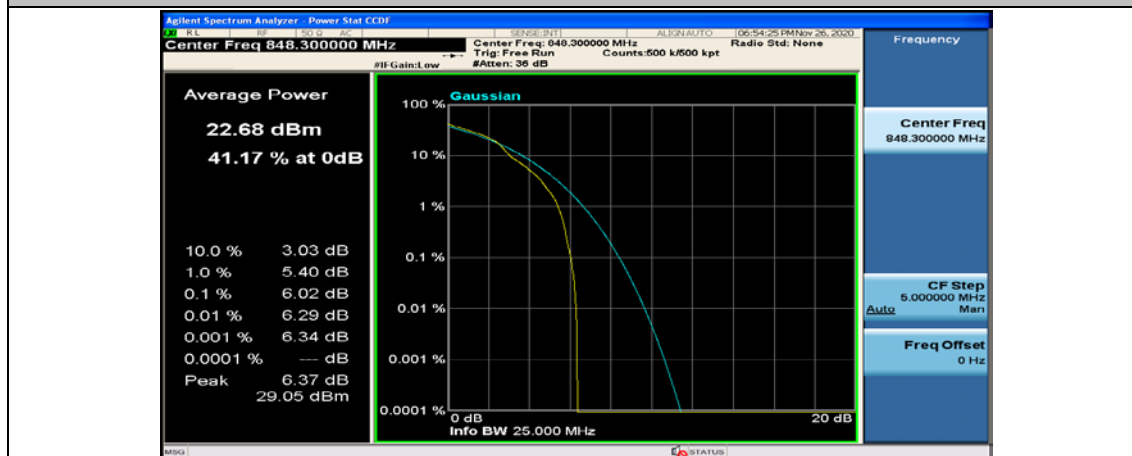




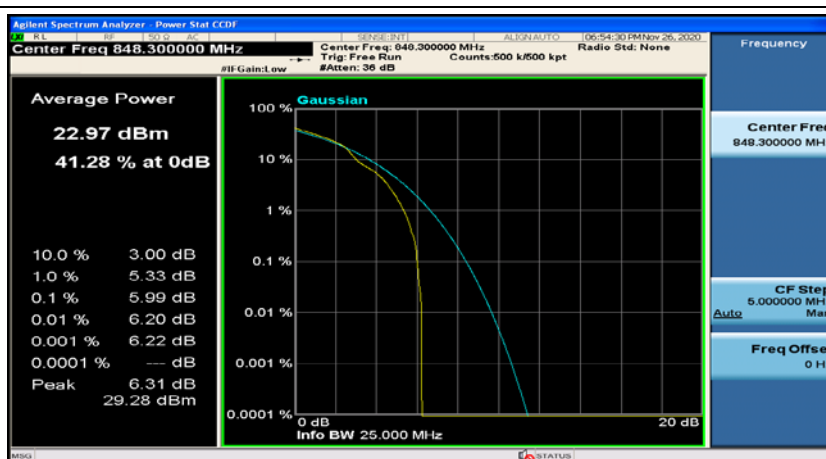
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



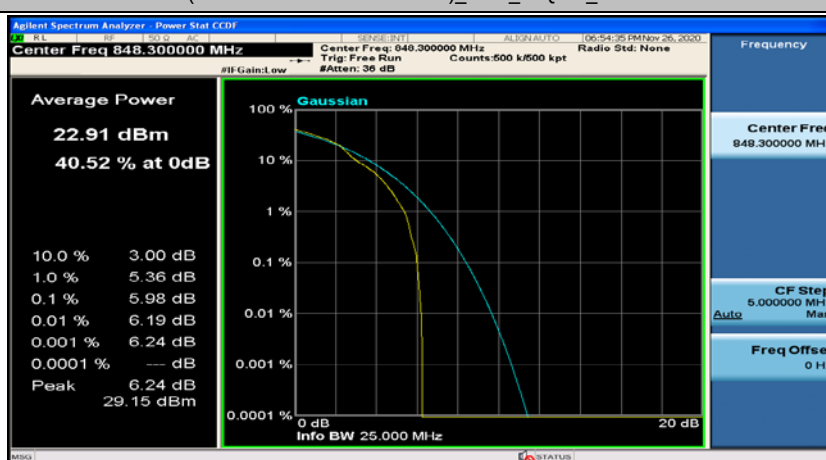
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



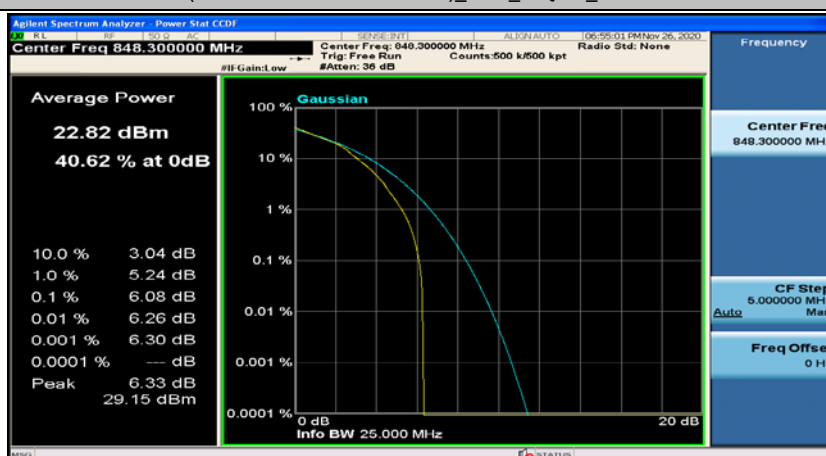
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



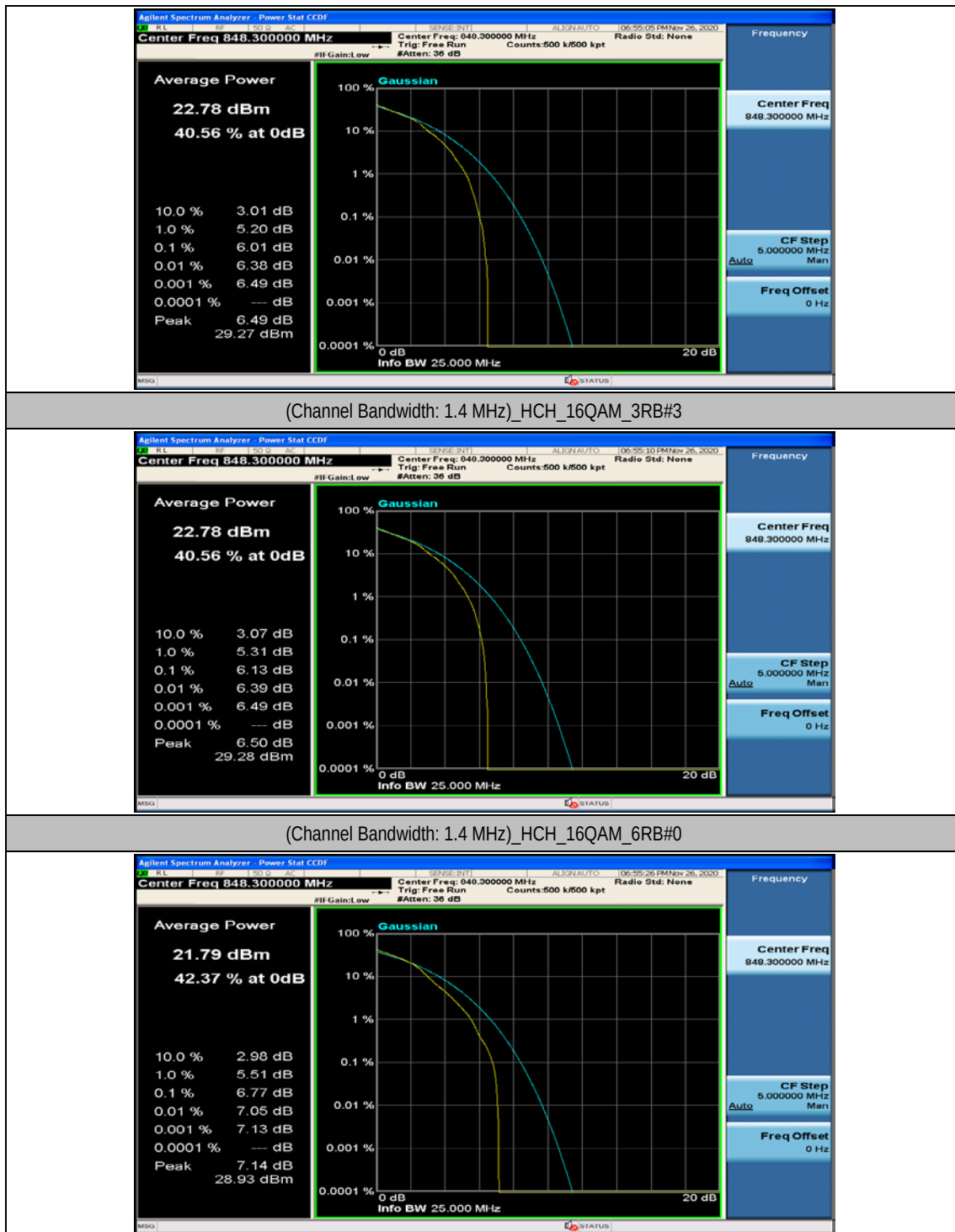
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0

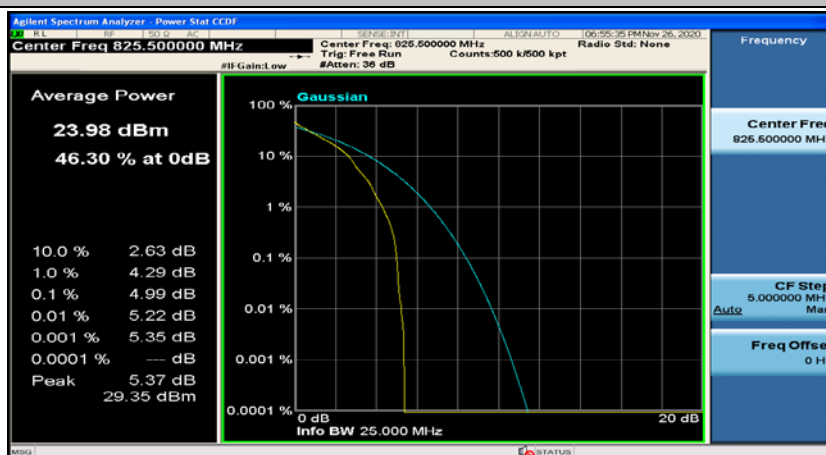


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2

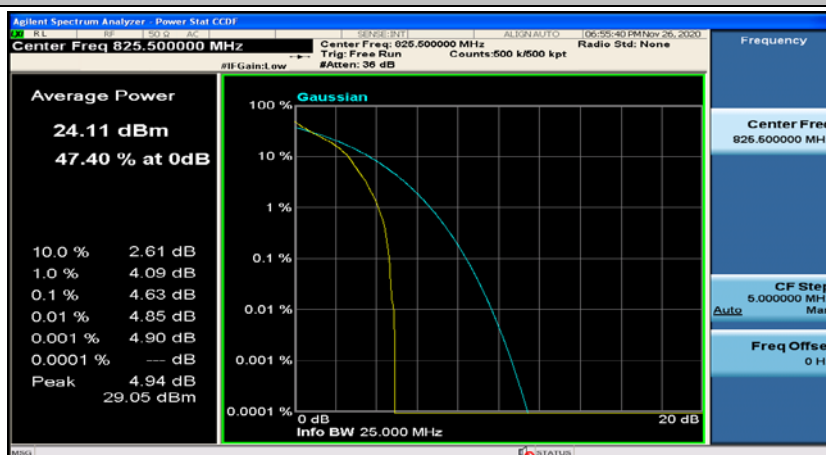


Channel Bandwidth: 3 MHz

(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



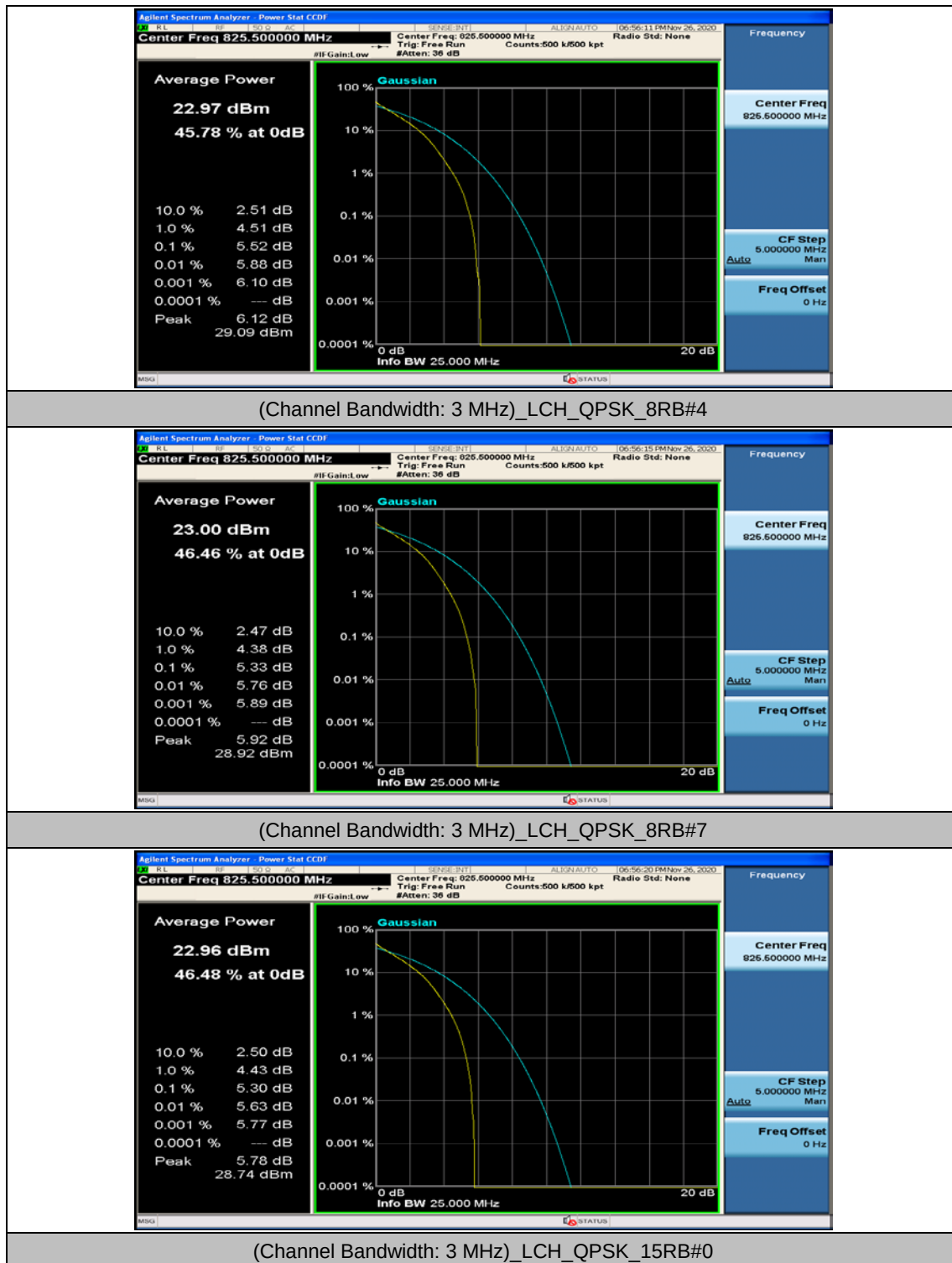
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7

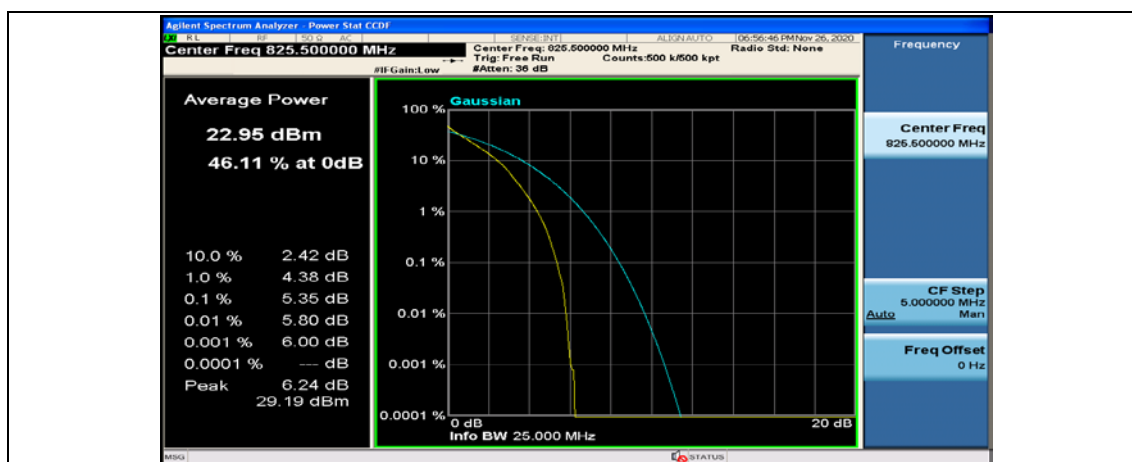


(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14

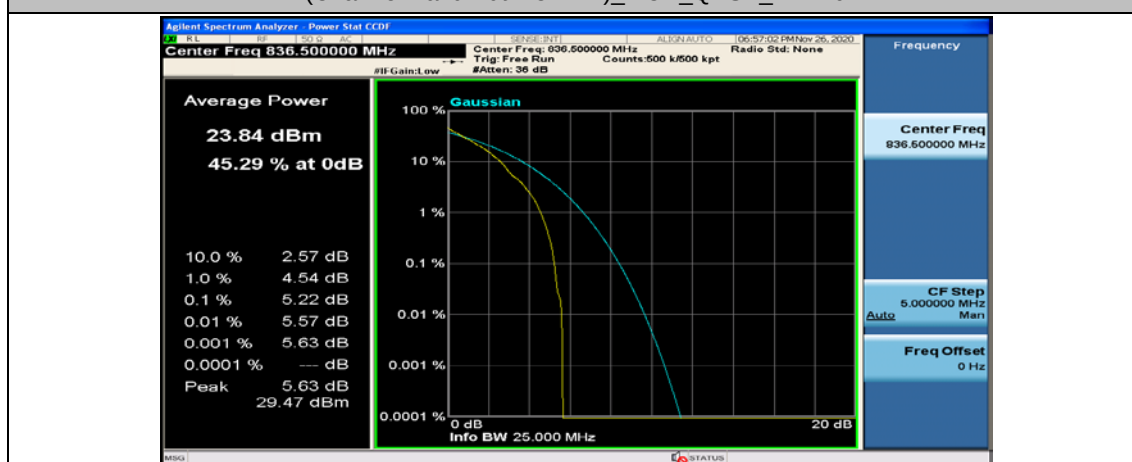


(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0

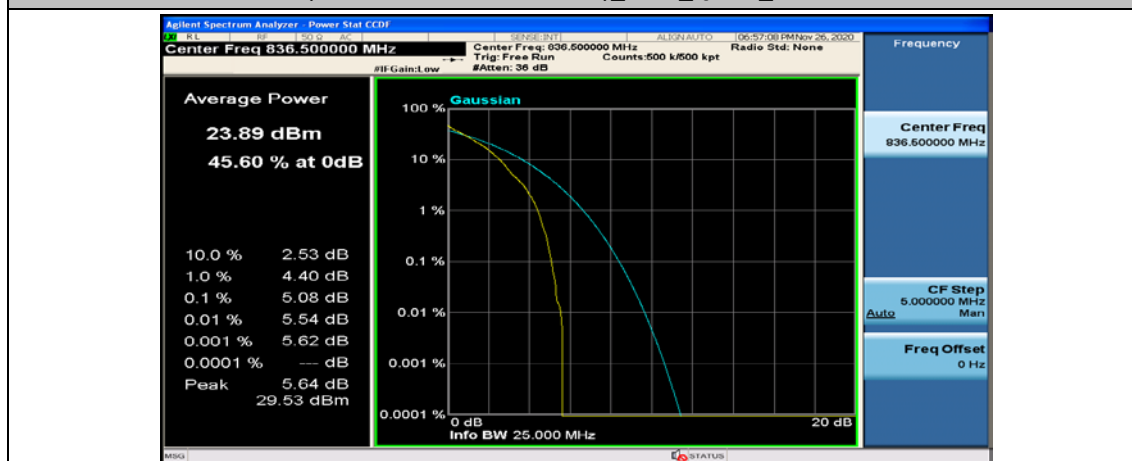




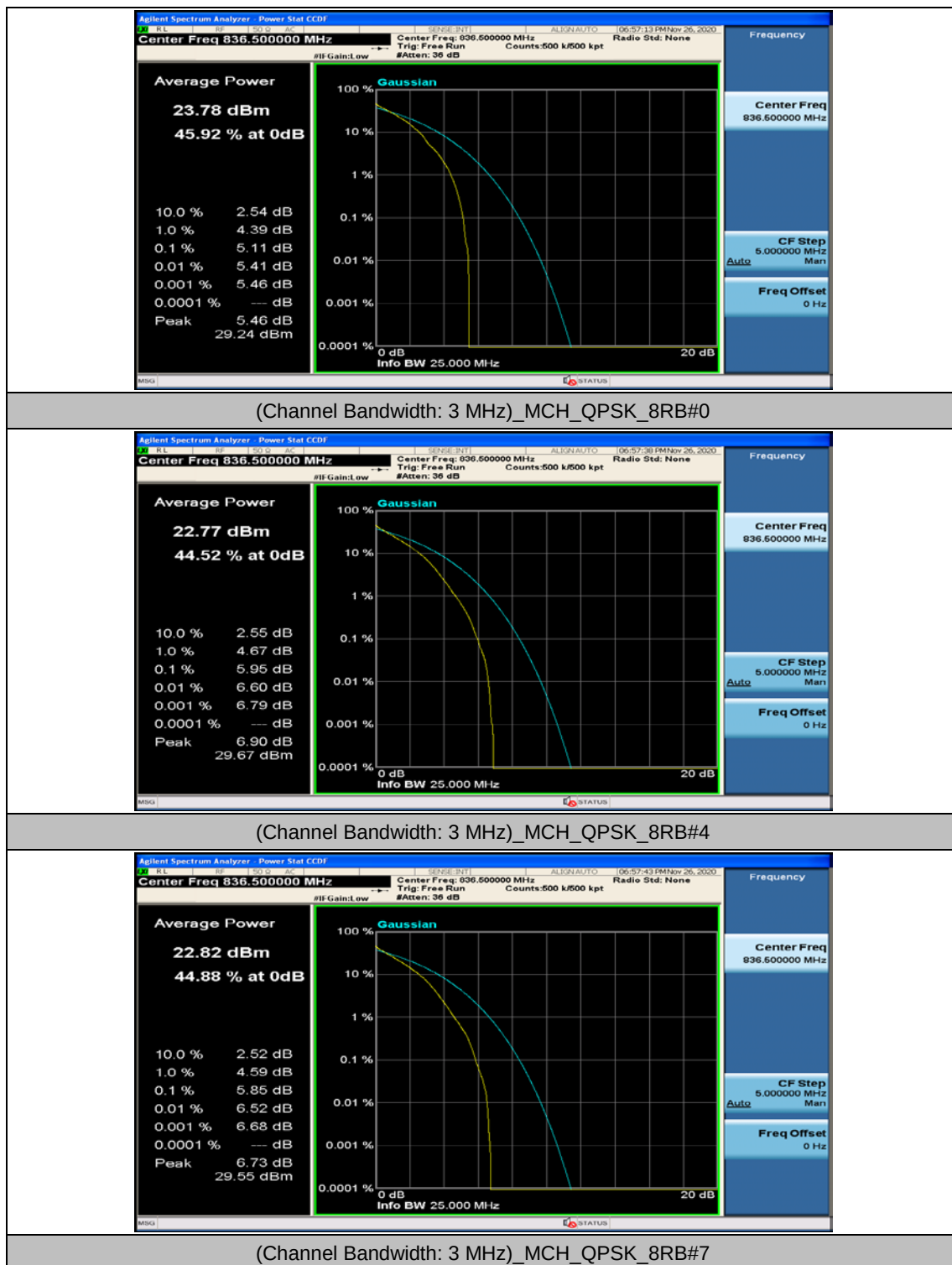
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

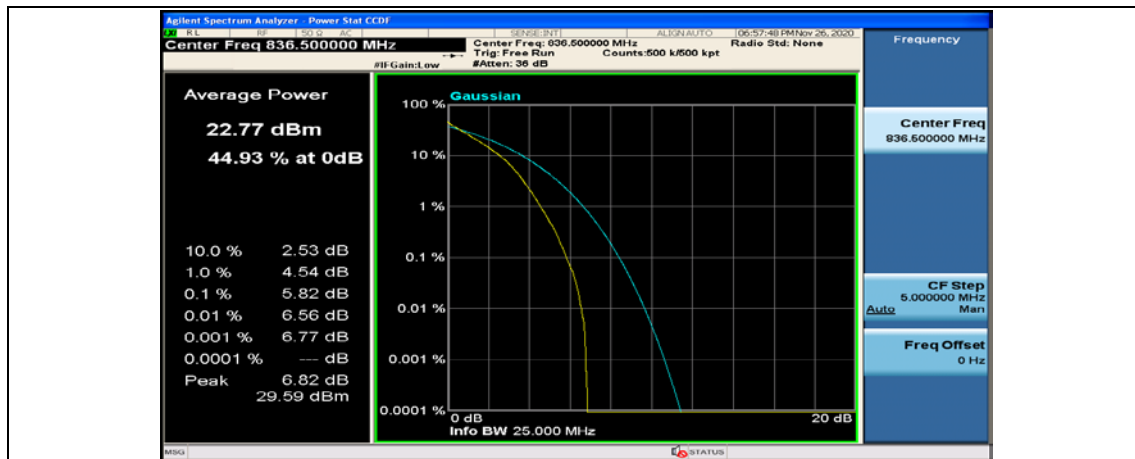


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

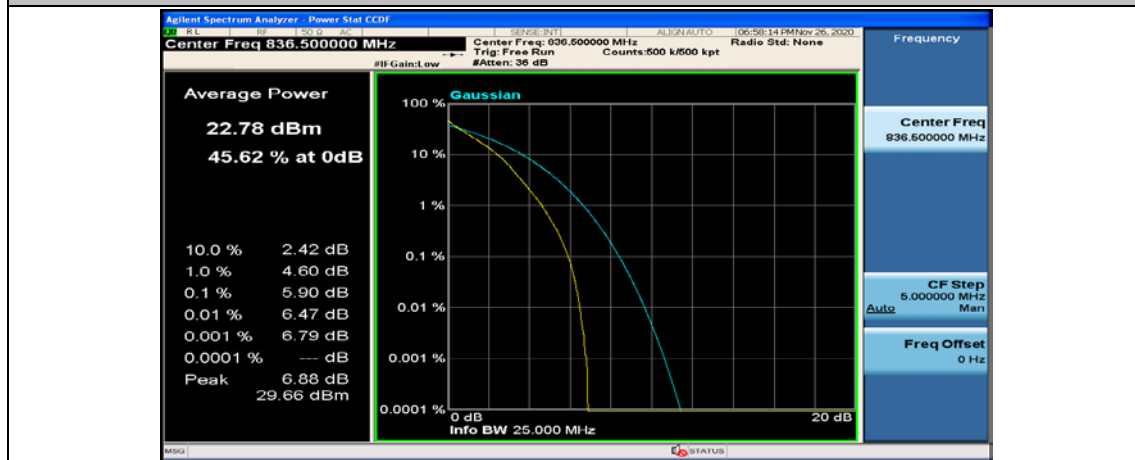


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

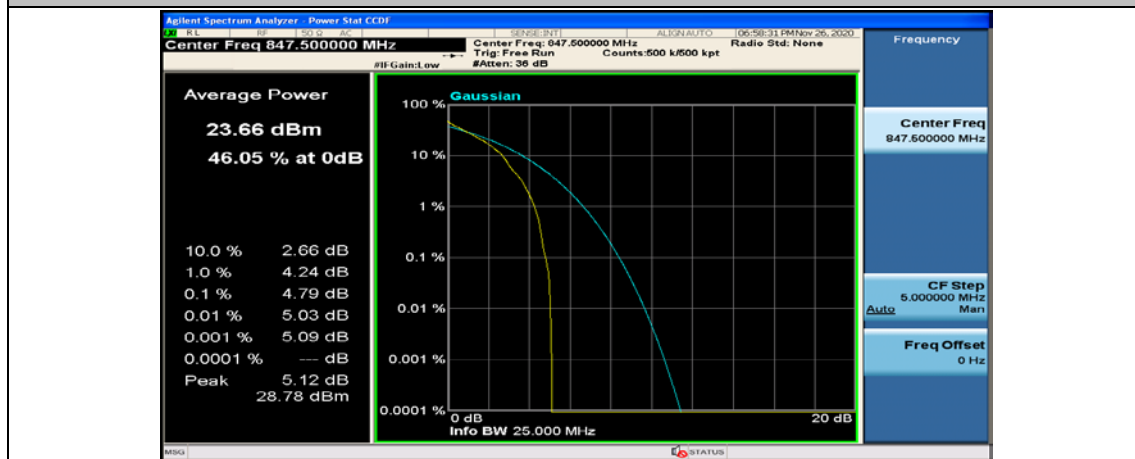




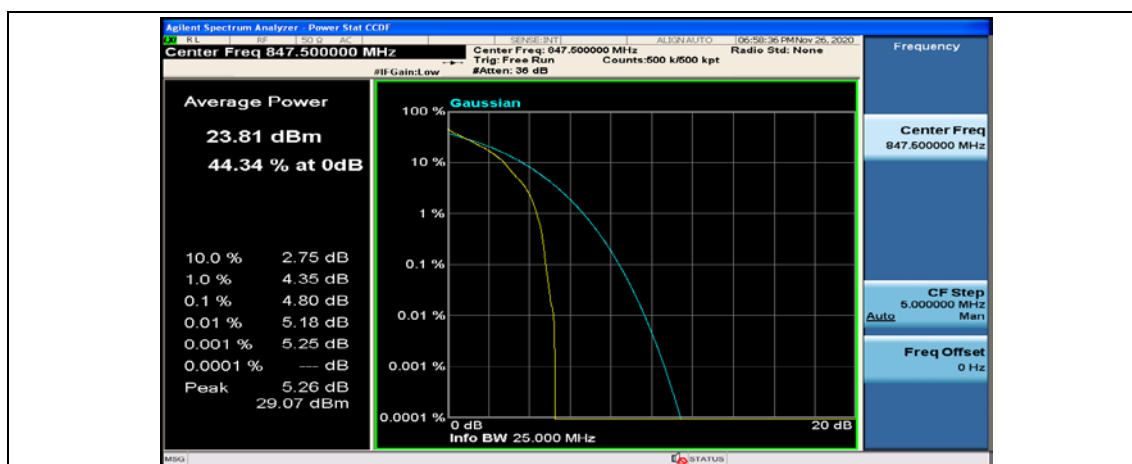
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



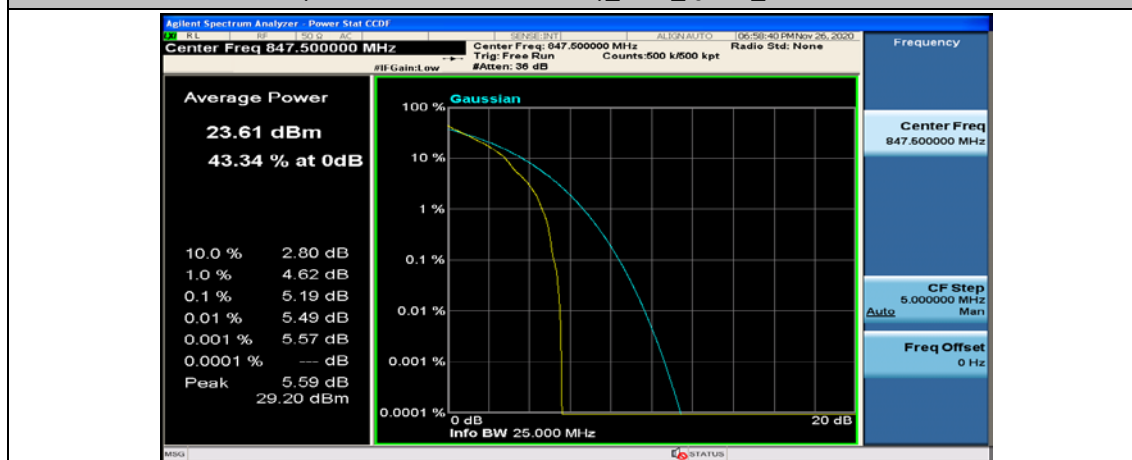
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



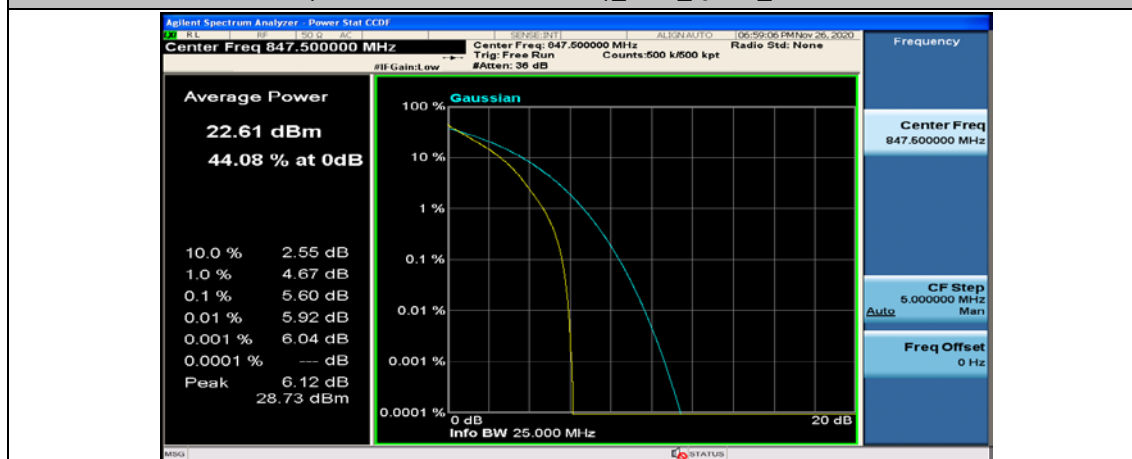
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4

