

Appendix for Band 2

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	23.29	PASS
		1	3	23.17	PASS
		1	5	23.31	PASS
		3	0	22.09	PASS
		3	2	22.14	PASS
		3	3	22.18	PASS
		6	0	21.44	PASS
	MCH	1	0	22.07	PASS
		1	3	22.04	PASS
		1	5	22.18	PASS
		3	0	22.07	PASS
		3	2	22.09	PASS
		3	3	22.14	PASS
		6	0	21.30	PASS
	HCH	1	0	22.20	PASS
		1	3	22.01	PASS
		1	5	22.01	PASS
		3	0	22.32	PASS
		3	2	22.23	PASS
		3	3	22.19	PASS
		6	0	20.73	PASS
16QAM	LCH	1	0	22.36	PASS
		1	3	22.39	PASS
		1	5	22.50	PASS
		3	0	22.29	PASS
		3	2	22.33	PASS
		3	3	22.38	PASS
		6	0	21.49	PASS
	MCH	1	0	21.46	PASS
		1	3	21.46	PASS
		1	5	21.61	PASS
		3	0	21.12	PASS
		3	2	21.15	PASS

		3	3	21.25	PASS
		6	0	20.36	PASS
	HCH	1	0	21.59	PASS
		1	3	21.51	PASS
		1	5	21.46	PASS
		3	0	21.52	PASS
		3	2	21.47	PASS
		3	3	21.46	PASS
		6	0	20.98	PASS

Channel Bandwidth: 3 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.24	PASS
		1	7	23.25	PASS
		1	14	23.32	PASS
		8	0	21.6	PASS
		8	4	21.71	PASS
		8	7	21.79	PASS
		15	0	21.73	PASS
	MCH	1	0	21.97	PASS
		1	7	22.08	PASS
		1	14	22.29	PASS
		8	0	21.25	PASS
		8	4	21.38	PASS
		8	7	21.50	PASS
		15	0	21.37	PASS
	HCH	1	0	22.28	PASS
		1	7	22.10	PASS
		1	14	22.36	PASS
		8	0	21.50	PASS
		8	4	21.66	PASS
		8	7	21.70	PASS
		15	0	21.68	PASS
16QAM	LCH	1	0	22.17	PASS
		1	7	22.16	PASS
		1	14	22.05	PASS
		8	0	21.14	PASS
		8	4	21.18	PASS
		8	7	21.07	PASS
		15	0	21.09	PASS
	MCH	1	0	21.33	PASS

		1	7	21.47	PASS
		1	14	21.71	PASS
		8	0	20.34	PASS
		8	4	20.47	PASS
		8	7	20.61	PASS
		15	0	20.46	PASS
	HCH	1	0	21.27	PASS
		1	7	21.47	PASS
		1	14	21.41	PASS
		8	0	20.54	PASS
		8	4	20.74	PASS
		8	7	20.82	PASS
		15	0	20.76	PASS

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.24	PASS
		1	12	23.25	PASS
		1	24	23.16	PASS
		12	0	22.16	PASS
		12	6	22.01	PASS
		12	13	22.09	PASS
		25	0	22.03	PASS
	MCH	1	0	21.97	PASS
		1	12	22.08	PASS
		1	24	22.29	PASS
		12	0	21.25	PASS
		12	6	21.38	PASS
		12	13	21.50	PASS
		25	0	21.37	PASS
	HCH	1	0	21.98	PASS
		1	12	21.91	PASS
		1	24	21.96	PASS
		12	0	21.50	PASS
		12	6	20.66	PASS
		12	13	20.70	PASS
		25	0	20.68	PASS
16QAM	LCH	1	0	22.27	PASS
		1	12	22.16	PASS
		1	24	22.15	PASS
		12	0	21.04	PASS

		12	6	21.08	PASS
		12	13	21.07	PASS
		25	0	21.09	PASS
	MCH	1	0	21.33	PASS
		1	12	21.47	PASS
		1	24	21.71	PASS
		12	0	20.34	PASS
		12	6	20.47	PASS
		12	13	20.61	PASS
		25	0	20.46	PASS
	HCH	1	0	21.27	PASS
		1	12	21.47	PASS
		1	24	21.41	PASS
		12	0	20.54	PASS
		12	6	20.74	PASS
		12	13	20.82	PASS
		25	0	20.76	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.31	PASS
		1	24	23.35	PASS
		1	49	22.48	PASS
		25	0	22.32	PASS
		25	12	22.37	PASS
		25	25	22.36	PASS
		50	0	22.20	PASS
	MCH	1	0	21.77	PASS
		1	24	22.92	PASS
		1	49	22.58	PASS
		25	0	20.71	PASS
		25	12	21.17	PASS
		25	25	21.71	PASS
		50	0	21.26	PASS
	HCH	1	0	22.49	PASS
		1	24	22.33	PASS
		1	49	21.86	PASS
		25	0	21.30	PASS
		25	12	21.33	PASS
		25	25	20.78	PASS
		50	0	21.38	PASS

16QAM	LCH	1	0	22.11	PASS
		1	24	22.17	PASS
		1	49	21.67	PASS
		25	0	21.09	PASS
		25	12	21.06	PASS
		25	25	21.41	PASS
		50	0	21.07	PASS
	MCH	1	0	21.08	PASS
		1	24	21.33	PASS
		1	49	22.03	PASS
		25	0	20.76	PASS
		25	12	20.95	PASS
		25	25	20.81	PASS
		50	0	20.74	PASS
	HCH	1	0	20.72	PASS
		1	24	20.53	PASS
		1	49	21.29	PASS
		25	0	20.43	PASS
		25	12	20.34	PASS
		25	25	20.85	PASS
		50	0	20.38	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	4.36	<13	PASS
		1	3	4.25	<13	PASS
		1	5	4.28	<13	PASS
		3	0	4.3	<13	PASS
		3	2	4.35	<13	PASS
		3	3	4.34	<13	PASS
		6	0	5.01	<13	PASS
	MCH	1	0	4.2	<13	PASS
		1	3	3.98	<13	PASS
		1	5	4.04	<13	PASS
		3	0	4.36	<13	PASS
		3	2	4.3	<13	PASS
		3	3	4.29	<13	PASS
		6	0	5.04	<13	PASS
	HCH	1	0	3.46	<13	PASS
		1	3	3.15	<13	PASS
		1	5	3.07	<13	PASS
		3	0	3.52	<13	PASS
		3	2	3.36	<13	PASS
		3	3	3.28	<13	PASS
		6	0	4.38	<13	PASS
16QAM	LCH	1	0	5.27	<13	PASS
		1	3	5.24	<13	PASS
		1	5	5.11	<13	PASS
		3	0	5.31	<13	PASS
		3	2	5.16	<13	PASS
		3	3	5.21	<13	PASS
		6	0	5.96	<13	PASS
	MCH	1	0	5.14	<13	PASS
		1	3	5.07	<13	PASS
		1	5	5.06	<13	PASS
		3	0	5.28	<13	PASS
		3	2	5.26	<13	PASS

		3	3	5.19	<13	PASS
		6	0	5.91	<13	PASS
	HCH	1	0	4.55	<13	PASS
		1	3	4.15	<13	PASS
		1	5	4.11	<13	PASS
		3	0	4.37	<13	PASS
		3	2	4.24	<13	PASS
		3	3	4.18	<13	PASS
		6	0	5.3	<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	4.19	<13	PASS
		1	7	4.06	<13	PASS
		1	14	4.09	<13	PASS
		8	0	4.97	<13	PASS
		8	4	4.94	<13	PASS
		8	7	4.81	<13	PASS
		15	0	4.91	<13	PASS
	MCH	1	0	4.04	<13	PASS
		1	7	3.96	<13	PASS
		1	14	4.04	<13	PASS
		8	0	4.99	<13	PASS
		8	4	5.11	<13	PASS
		8	7	4.99	<13	PASS
		15	0	5.07	<13	PASS
	HCH	1	0	3.89	<13	PASS
		1	7	3.44	<13	PASS
		1	14	2.99	<13	PASS
		8	0	4.88	<13	PASS
		8	4	4.67	<13	PASS
		8	7	4.46	<13	PASS
		15	0	4.72	<13	PASS
16QAM	LCH	1	0	5.12	<13	PASS
		1	7	4.94	<13	PASS
		1	14	5.08	<13	PASS
		8	0	5.74	<13	PASS
		8	4	5.6	<13	PASS
		8	7	5.54	<13	PASS

	MCH	15	0	5.78	<13	PASS
		1	0	5.01	<13	PASS
		1	7	4.96	<13	PASS
		1	14	5.04	<13	PASS
		8	0	5.75	<13	PASS
		8	4	5.78	<13	PASS
		8	7	5.75	<13	PASS
		15	0	5.97	<13	PASS
	HCH	1	0	4.95	<13	PASS
		1	7	4.56	<13	PASS
		1	14	4.01	<13	PASS
		8	0	5.87	<13	PASS
		8	4	5.61	<13	PASS
		8	7	5.41	<13	PASS
		15	0	5.60	<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	4.18	<13	PASS
		1	12	4.02	<13	PASS
		1	24	4.03	<13	PASS
		12	0	4.92	<13	PASS
		12	6	4.85	<13	PASS
		12	13	4.84	<13	PASS
		25	0	4.99	<13	PASS
	MCH	1	0	4.09	<13	PASS
		1	12	4.07	<13	PASS
		1	24	4.03	<13	PASS
		12	0	5.00	<13	PASS
		12	6	4.96	<13	PASS
		12	13	4.89	<13	PASS
		25	0	5.07	<13	PASS
	HCH	1	0	4.10	<13	PASS
		1	12	3.72	<13	PASS
		1	24	2.96	<13	PASS
		12	0	5.20	<13	PASS
		12	6	5.02	<13	PASS
		12	13	4.60	<13	PASS
		25	0	5.05	<13	PASS

16QAM	LCH	1	0	5.02	<13	PASS
		1	12	4.82	<13	PASS
		1	24	4.82	<13	PASS
		12	0	5.71	<13	PASS
		12	6	5.74	<13	PASS
		12	13	5.69	<13	PASS
		25	0	5.67	<13	PASS
	MCH	1	0	5.12	<13	PASS
		1	12	5.03	<13	PASS
		1	24	5.02	<13	PASS
		12	0	5.81	<13	PASS
		12	6	5.75	<13	PASS
		12	13	5.75	<13	PASS
		25	0	5.84	<13	PASS
	HCH	1	0	5.05	<13	PASS
		1	12	4.49	<13	PASS
		1	24	3.92	<13	PASS
		12	0	5.95	<13	PASS
		12	6	5.8	<13	PASS
		12	13	5.46	<13	PASS
		25	0	5.79	<13	PASS

Channel Bandwidth: 10 MHz

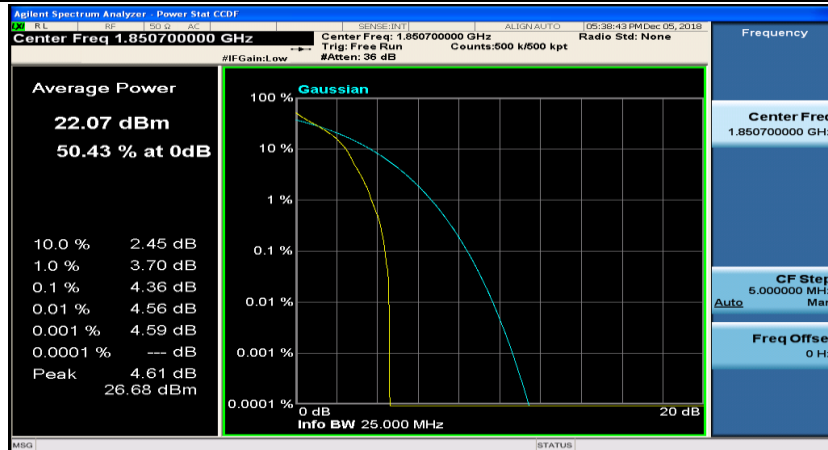
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.04	<13	PASS
		1	24	3.85	<13	PASS
		1	49	3.98	<13	PASS
		25	0	4.88	<13	PASS
		25	12	4.86	<13	PASS
		25	25	4.91	<13	PASS
		50	0	4.94	<13	PASS
	MCH	1	0	4.02	<13	PASS
		1	24	3.94	<13	PASS
		1	49	3.82	<13	PASS
		25	0	5.14	<13	PASS
		25	12	5.09	<13	PASS
		25	25	4.95	<13	PASS
		50	0	5.08	<13	PASS
	HCH	1	0	4.06	<13	PASS

		1	24	4.11	<13	PASS
		1	49	3.05	<13	PASS
		25	0	5.28	<13	PASS
		25	12	5.25	<13	PASS
		25	25	4.94	<13	PASS
		50	0	5.25	<13	PASS
16QAM	LCH	1	0	4.98	<13	PASS
		1	24	4.82	<13	PASS
		1	49	4.75	<13	PASS
		25	0	5.61	<13	PASS
		25	12	5.70	<13	PASS
		25	25	5.76	<13	PASS
		50	0	5.71	<13	PASS
	MCH	1	0	5.07	<13	PASS
		1	24	5.05	<13	PASS
		1	49	4.81	<13	PASS
		25	0	5.99	<13	PASS
		25	12	5.90	<13	PASS
		25	25	5.72	<13	PASS
		50	0	5.86	<13	PASS
	HCH	1	0	5.08	<13	PASS
		1	24	5.21	<13	PASS
		1	49	4.11	<13	PASS
		25	0	6.15	<13	PASS
		25	12	6.13	<13	PASS
		25	25	5.91	<13	PASS
		50	0	6.05	<13	PASS

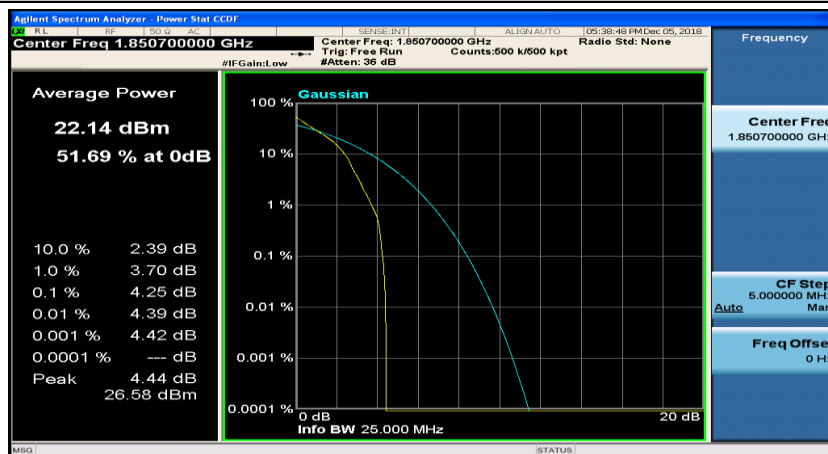
Test Graphs

Channel Bandwidth: 1.4 MHz

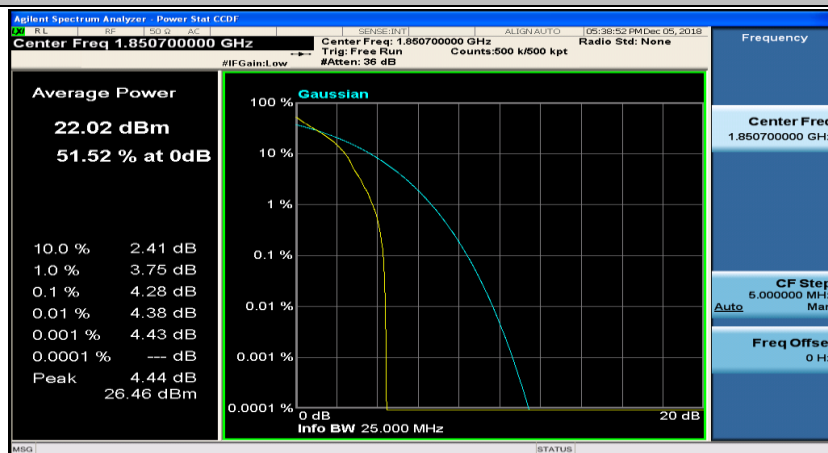
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



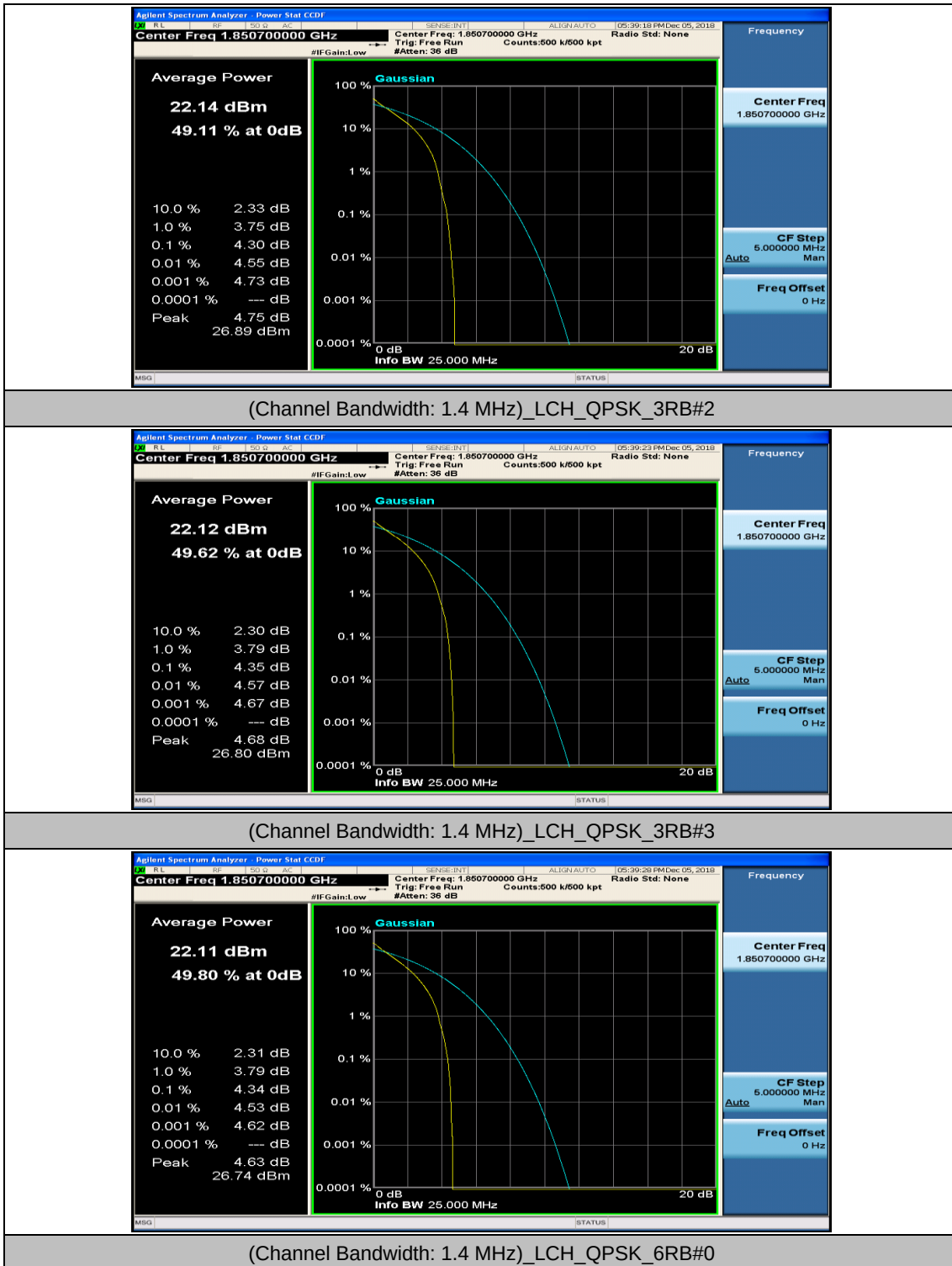
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3

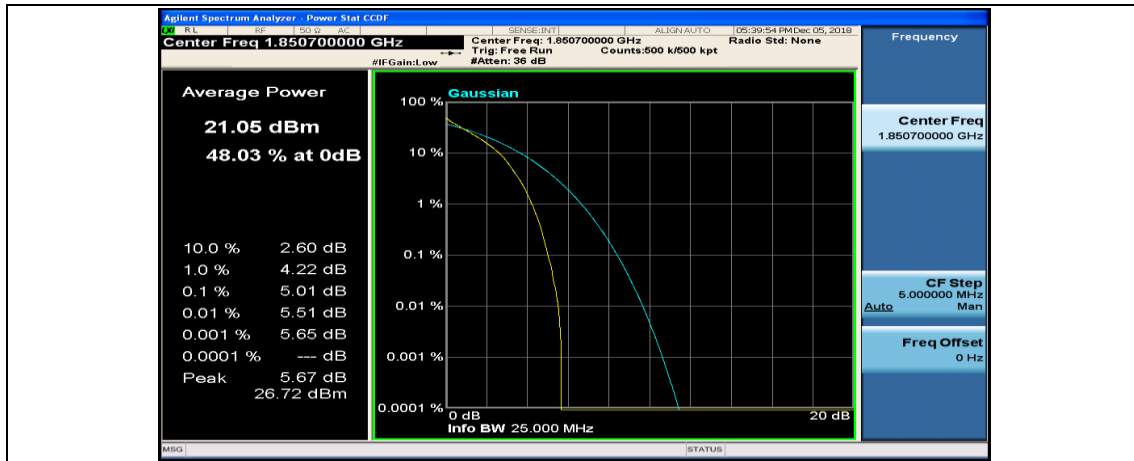


(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5

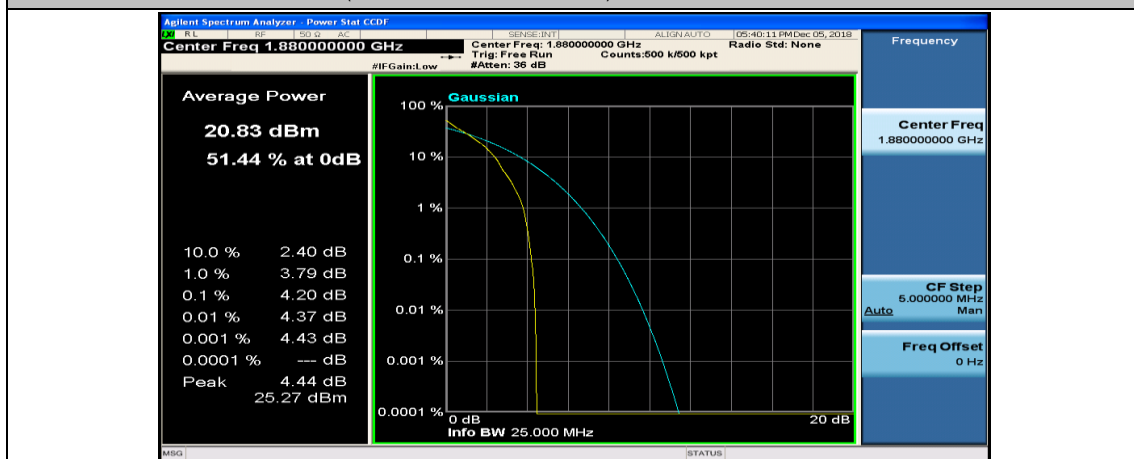


(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0

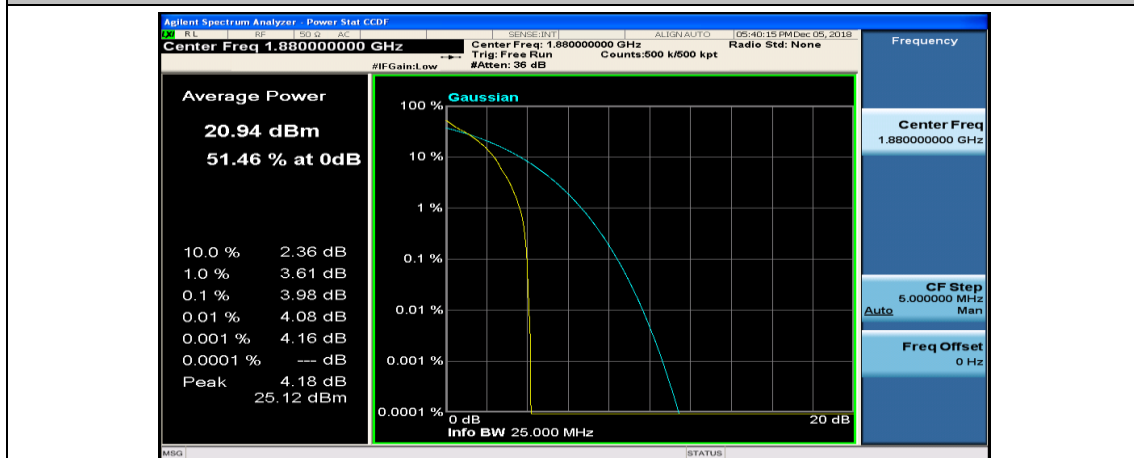




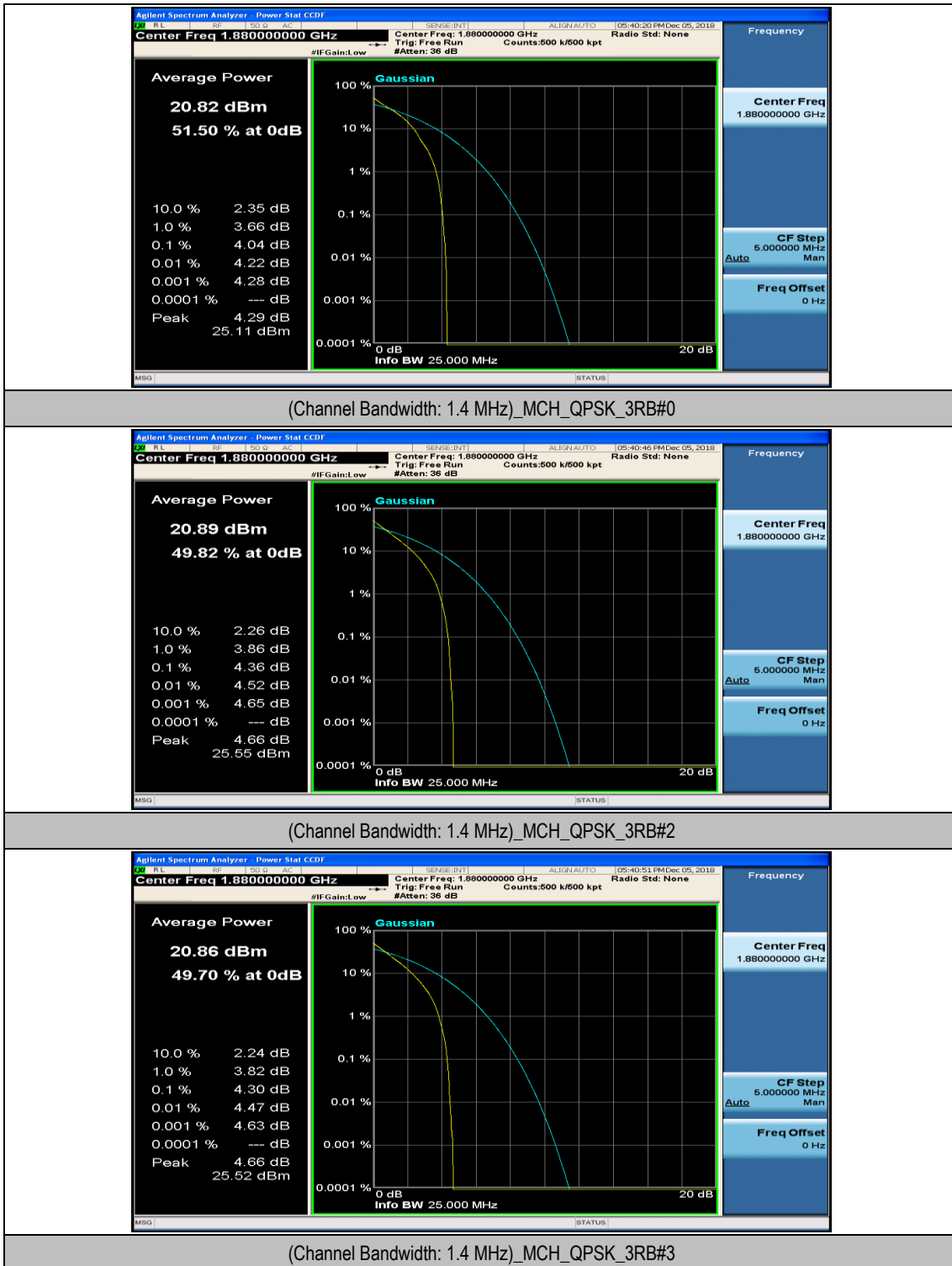
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

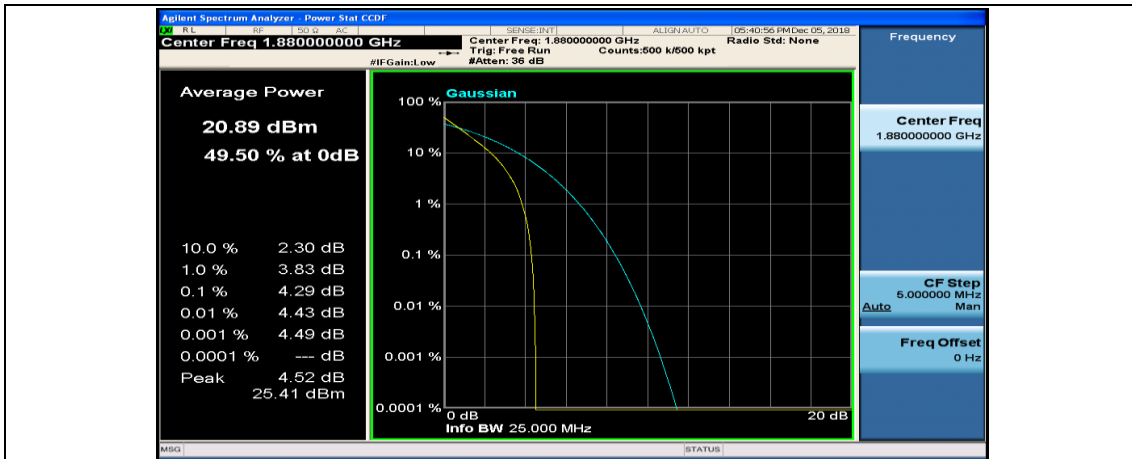


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

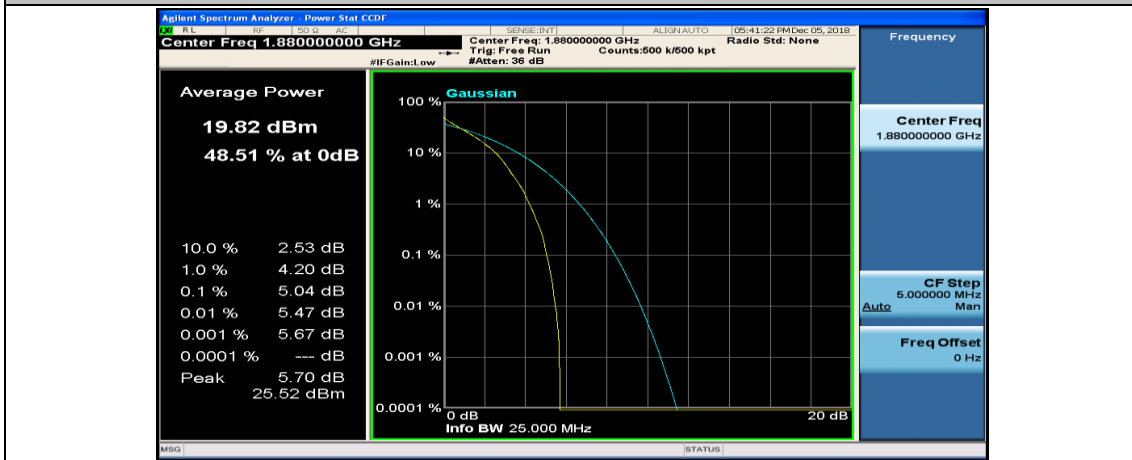


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

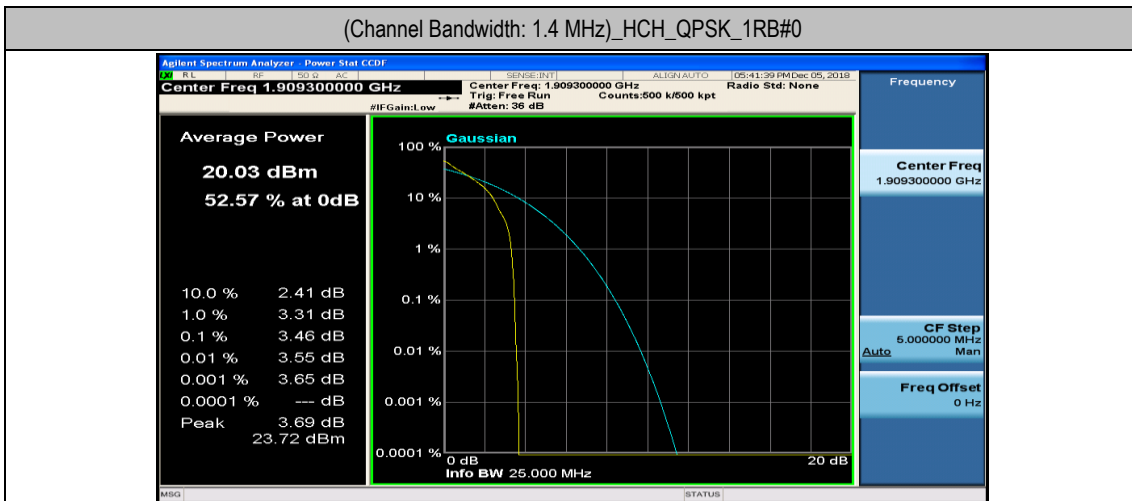




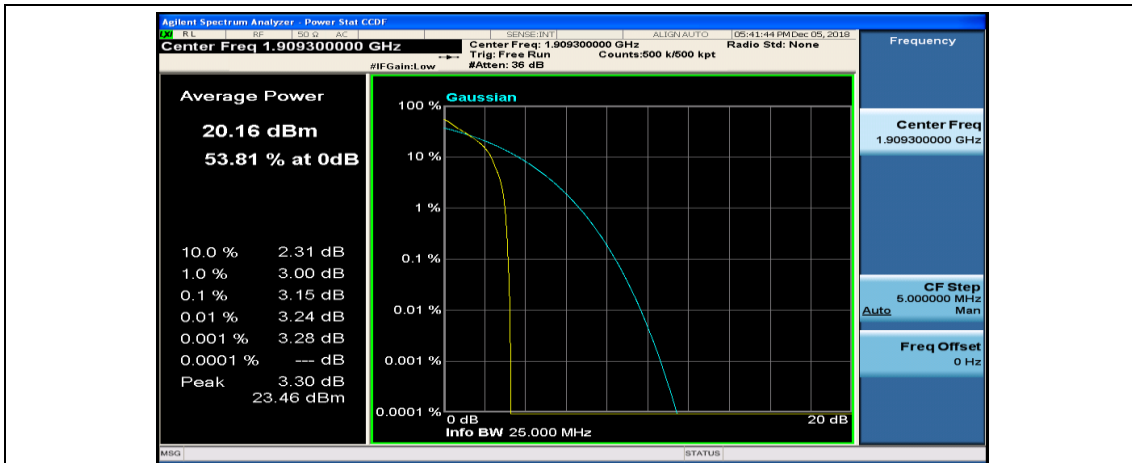
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



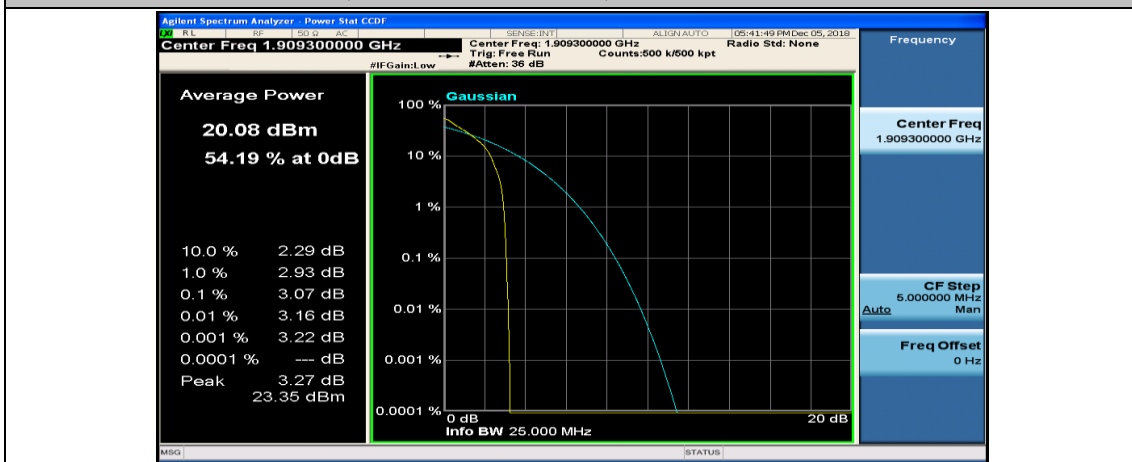
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



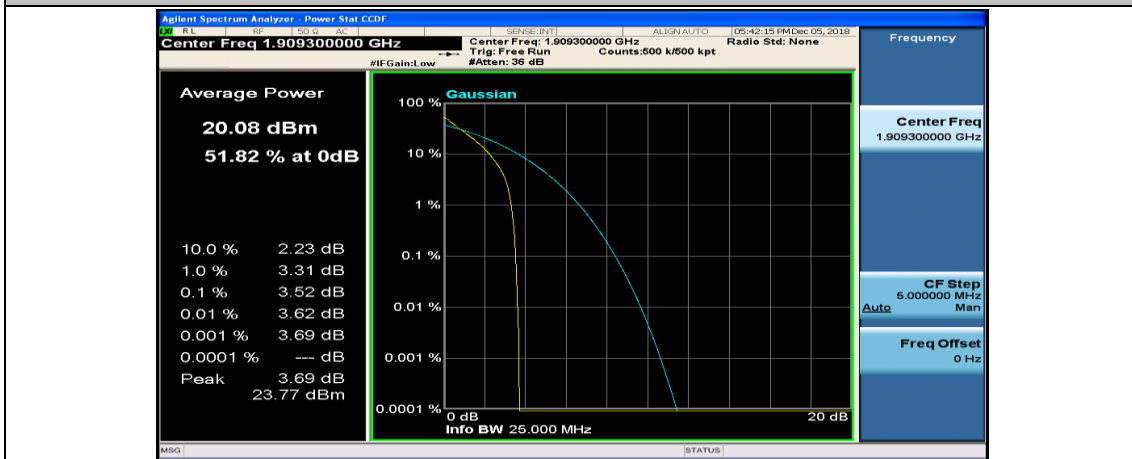
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



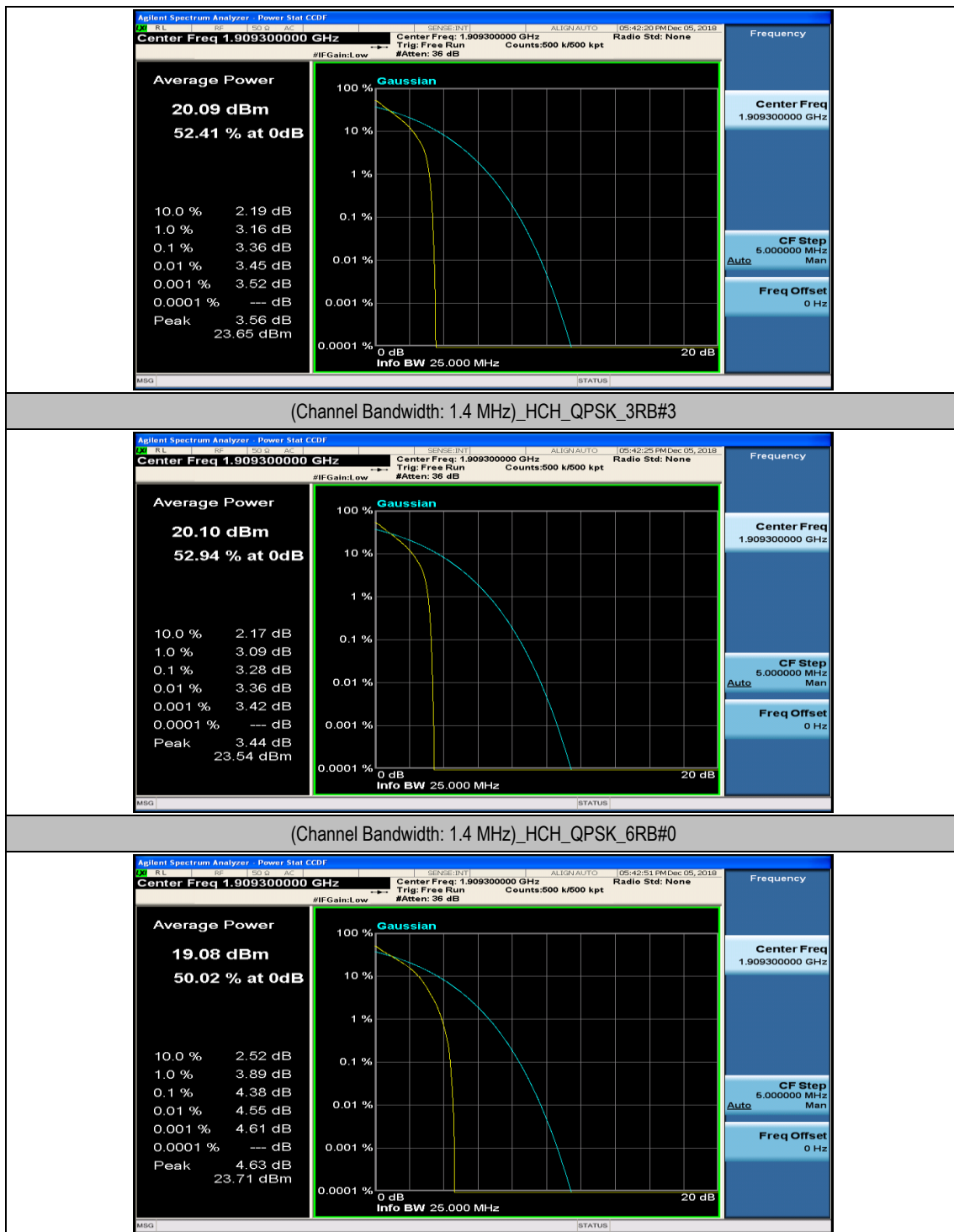
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



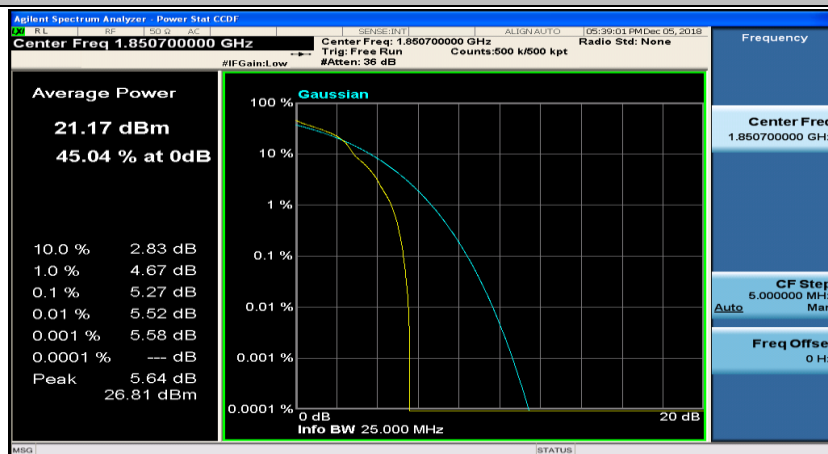
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



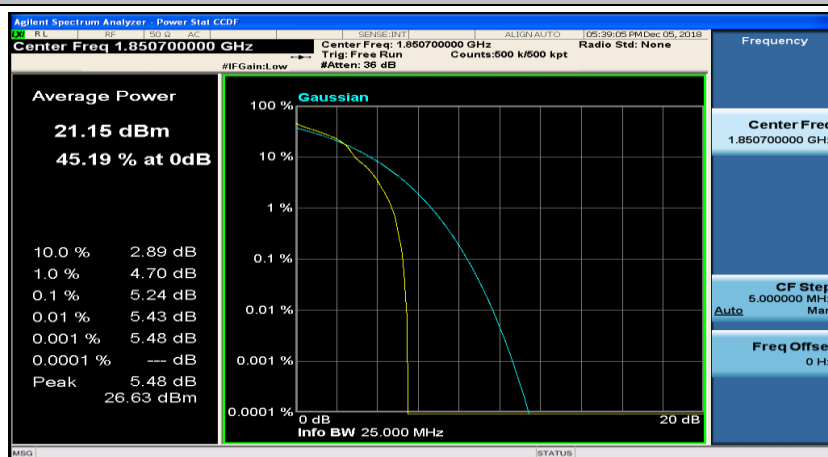
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



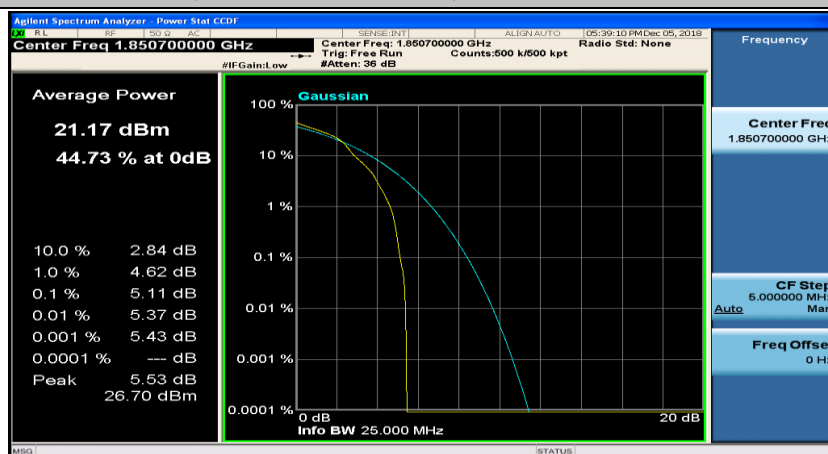
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



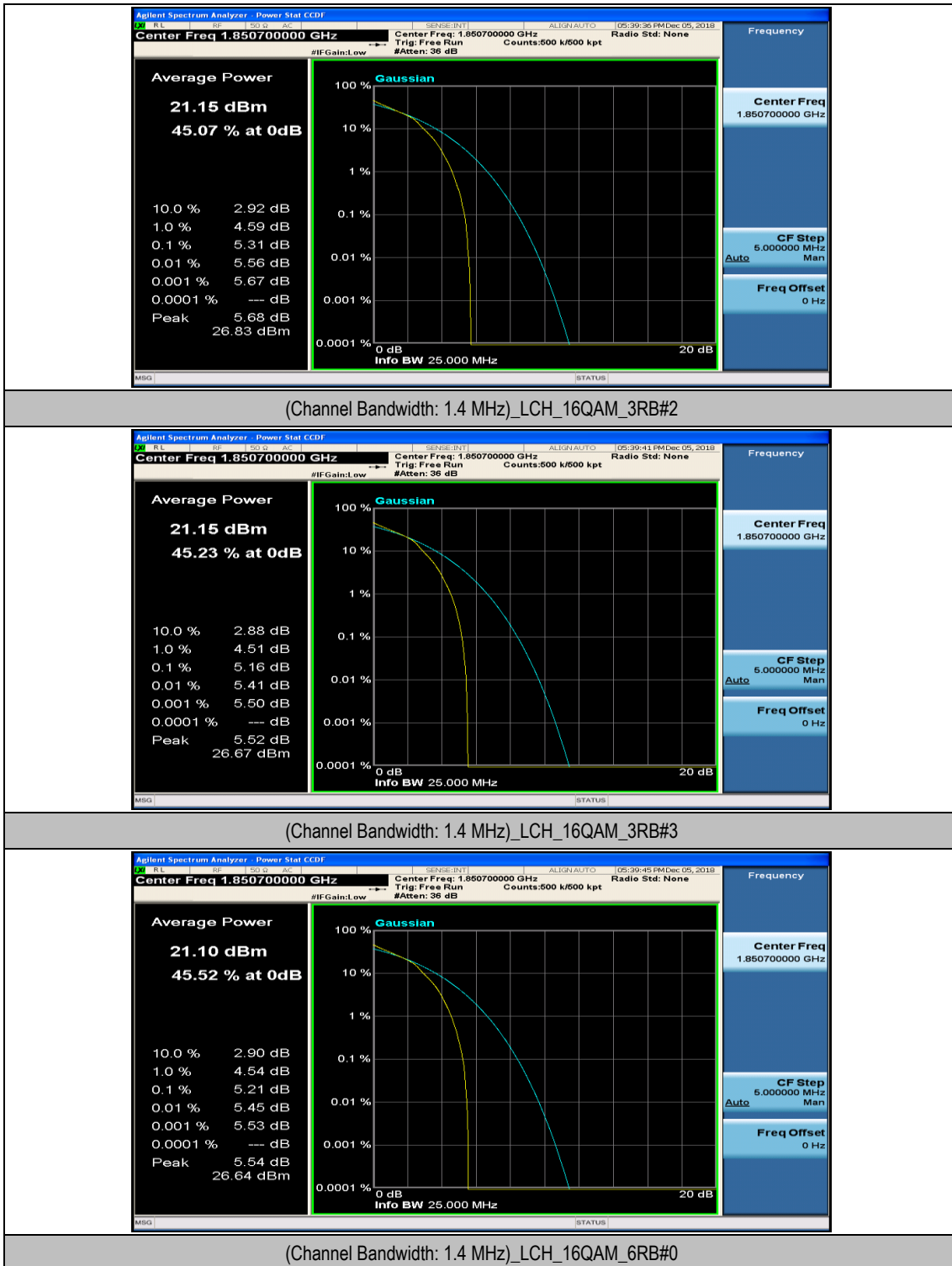
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3

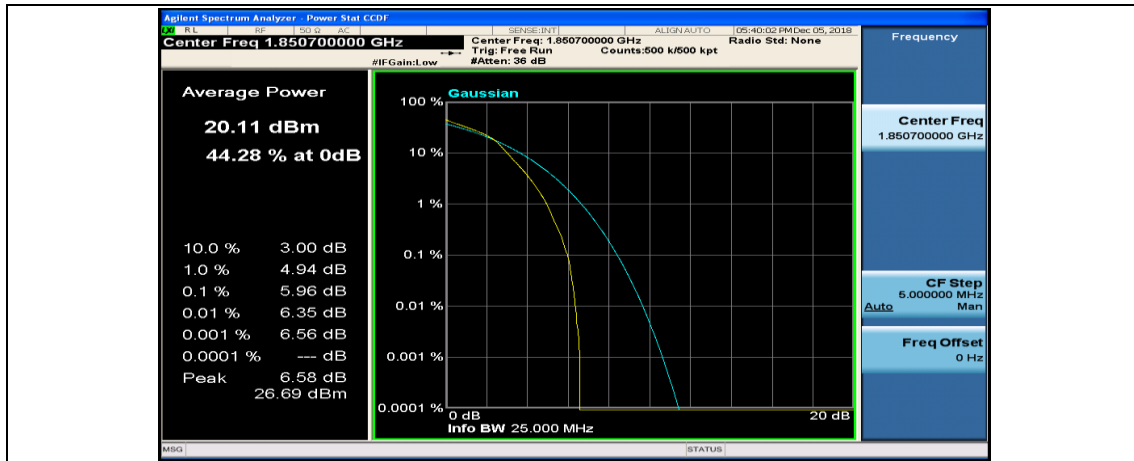


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5

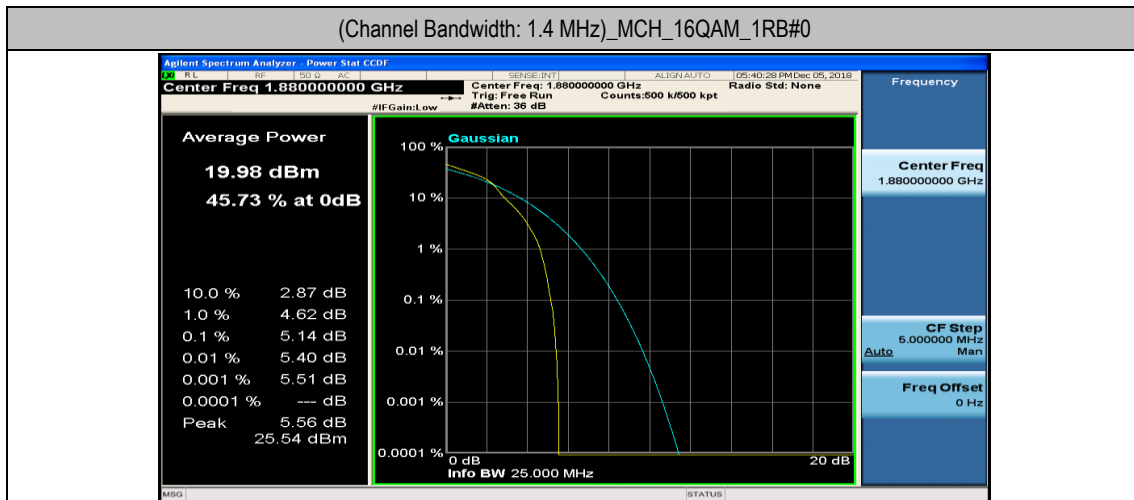


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0

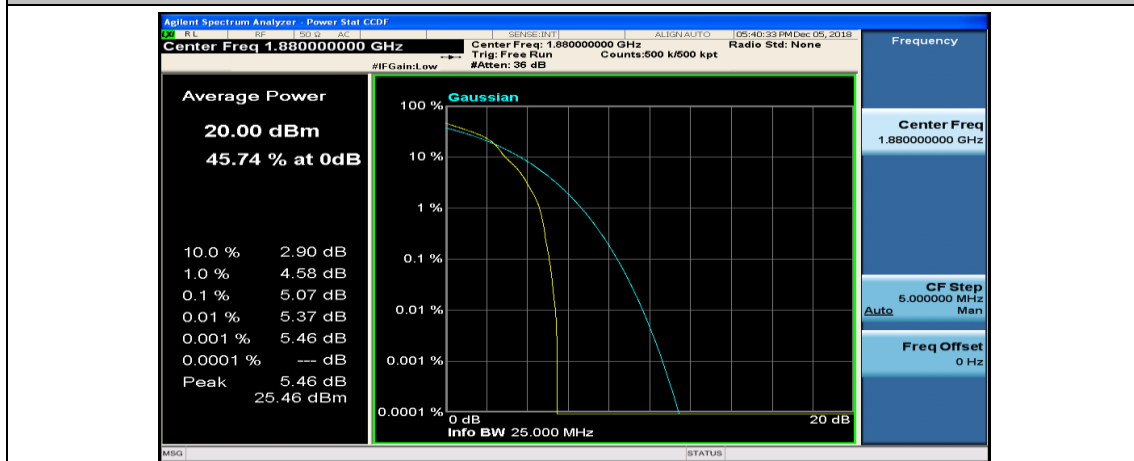




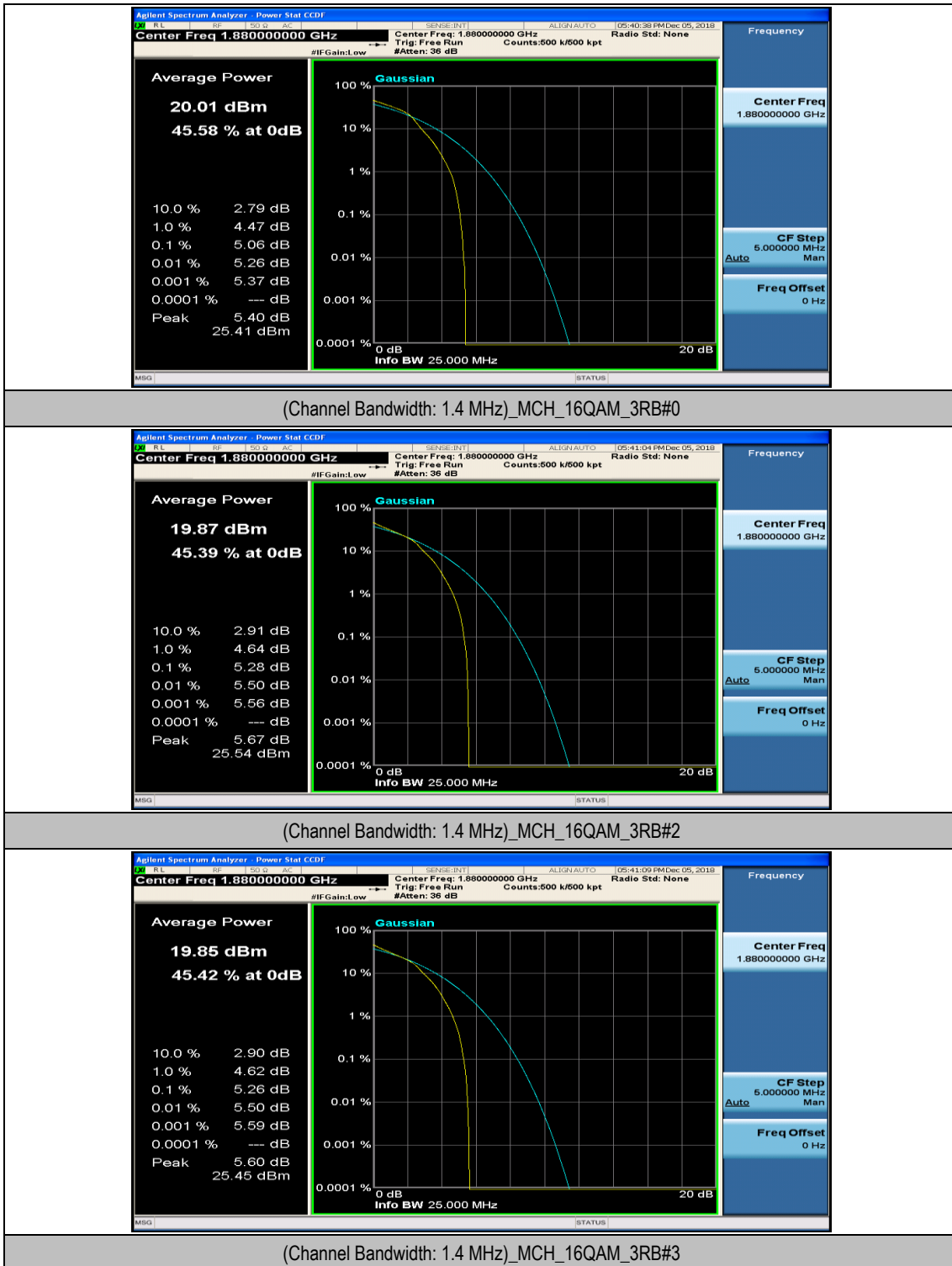
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

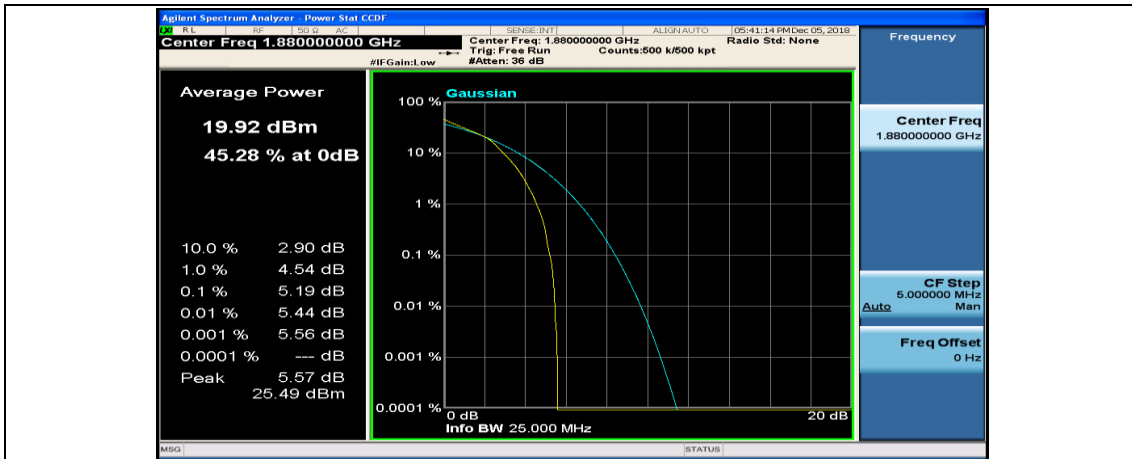


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

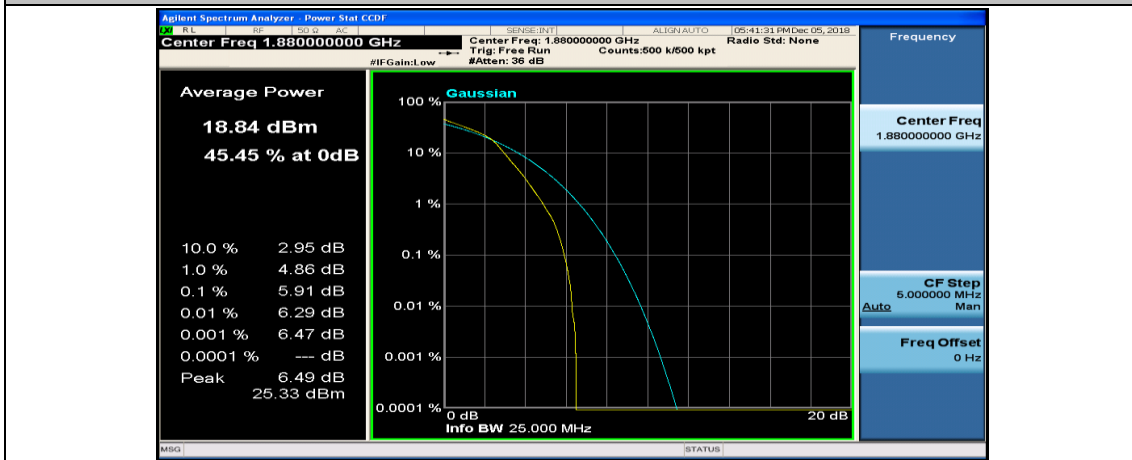


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5

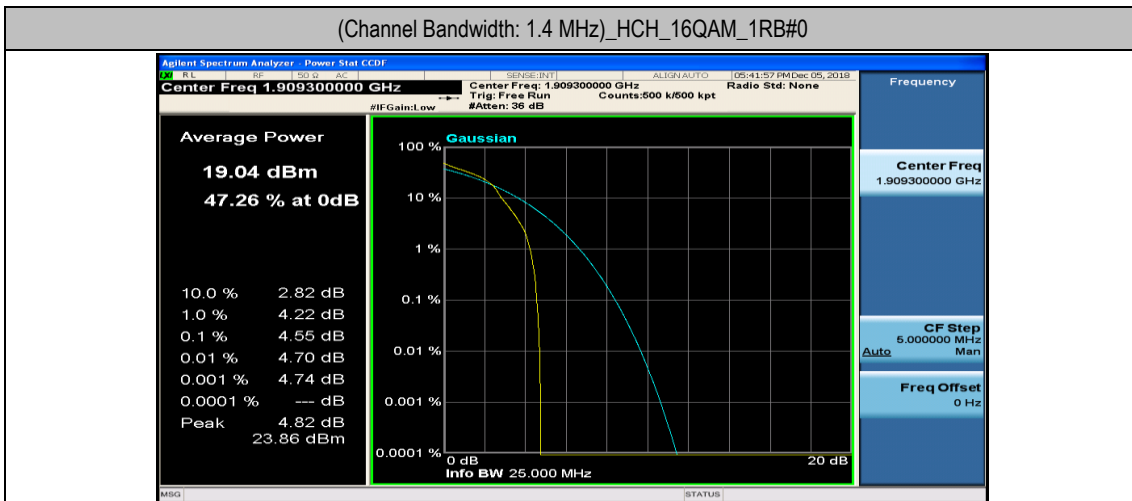




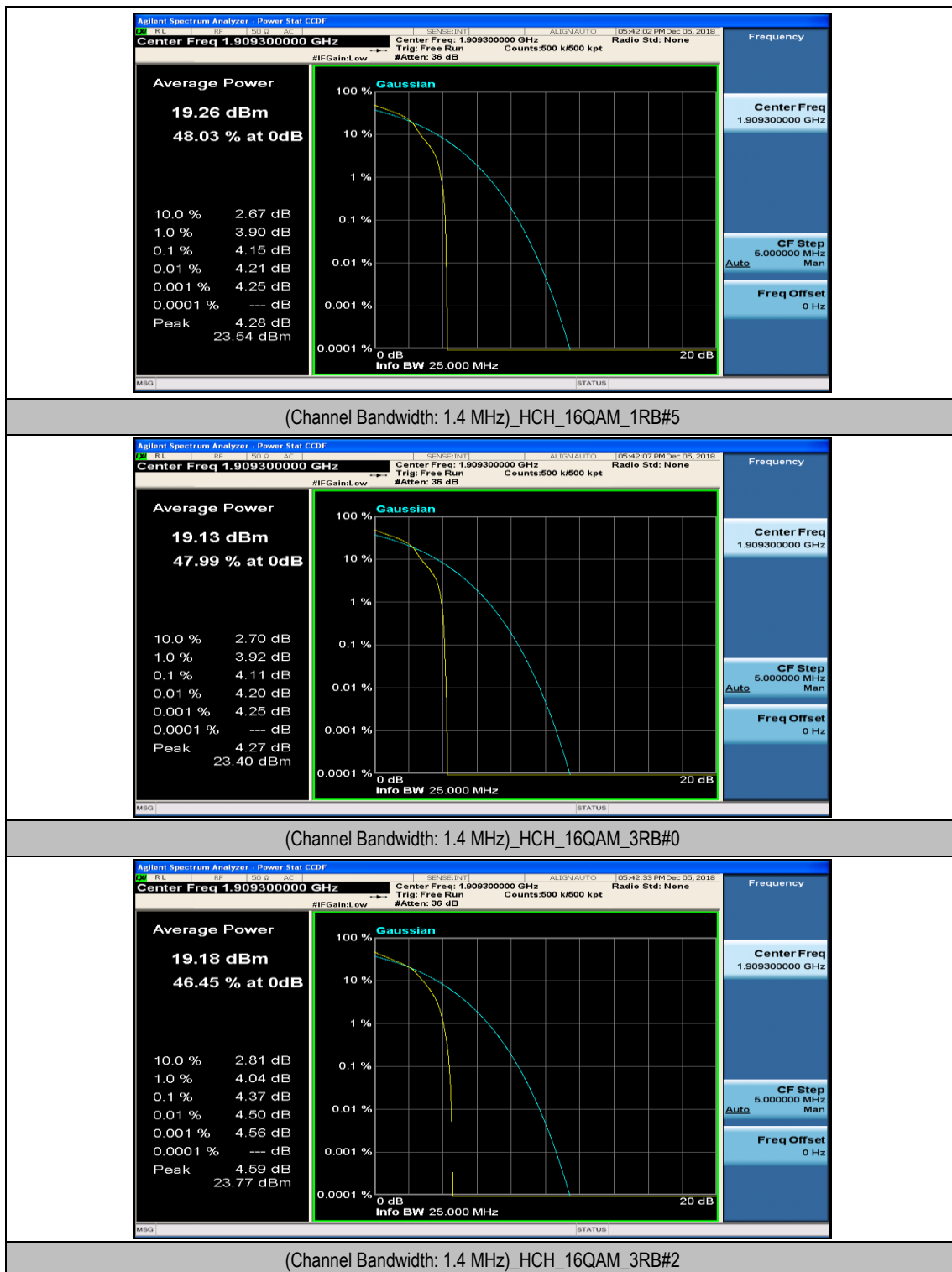
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0

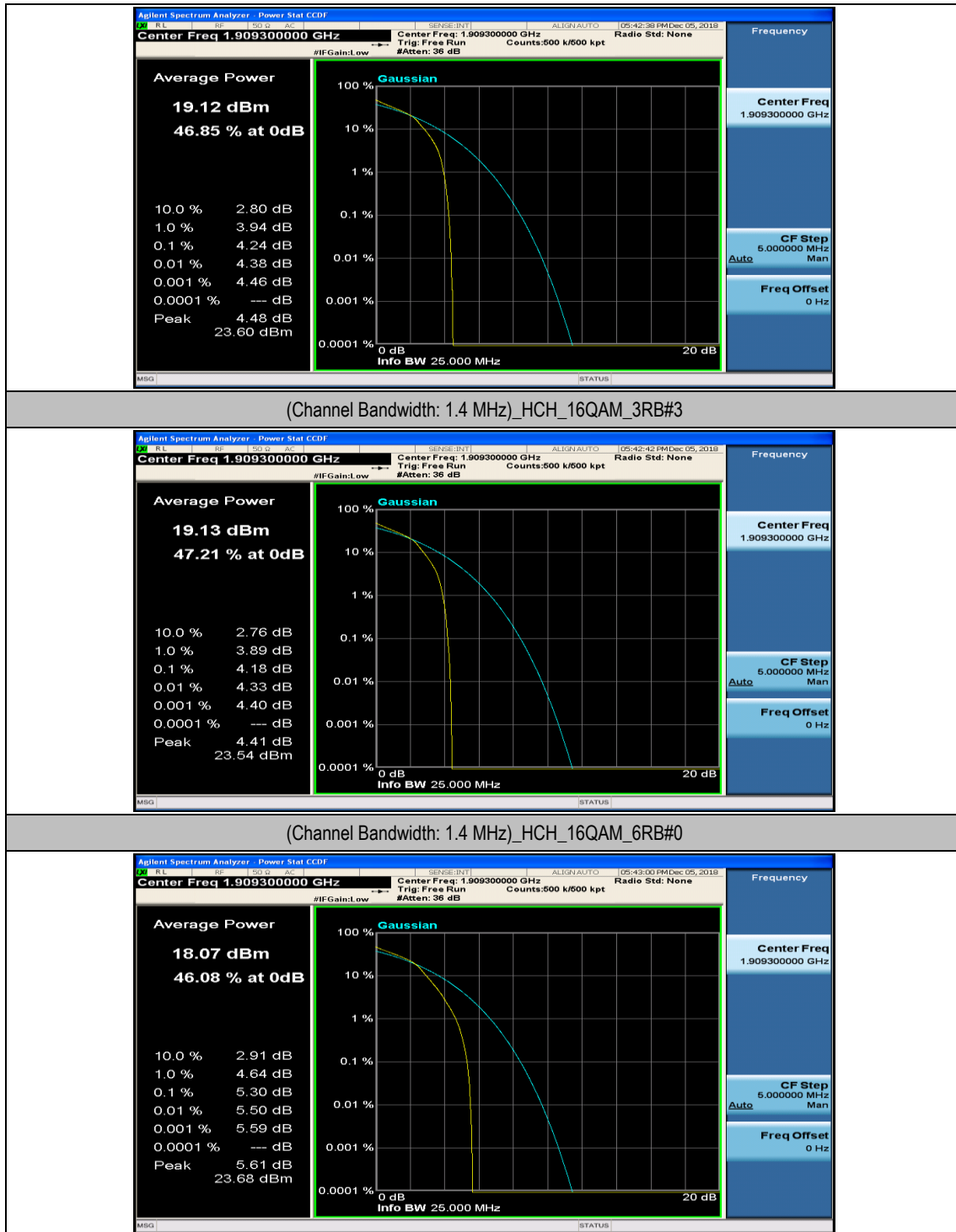


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



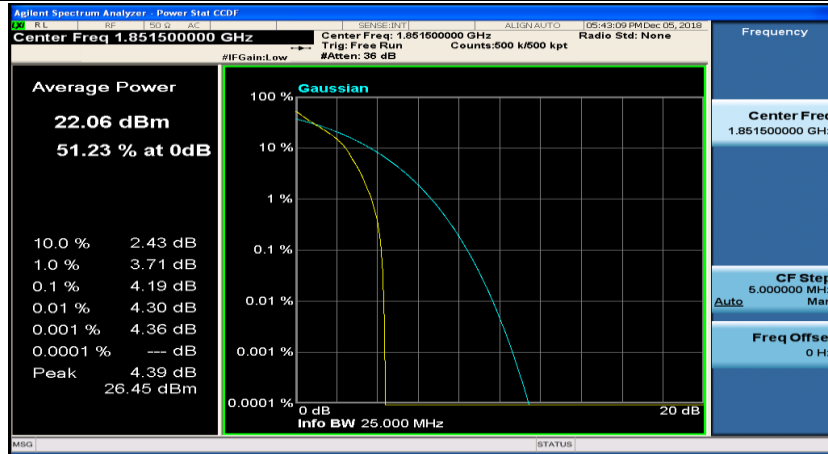
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



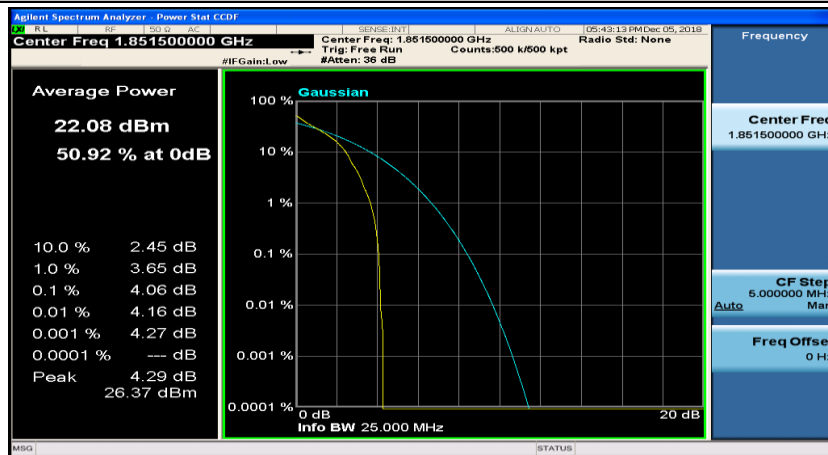


Channel Bandwidth: 3 MHz

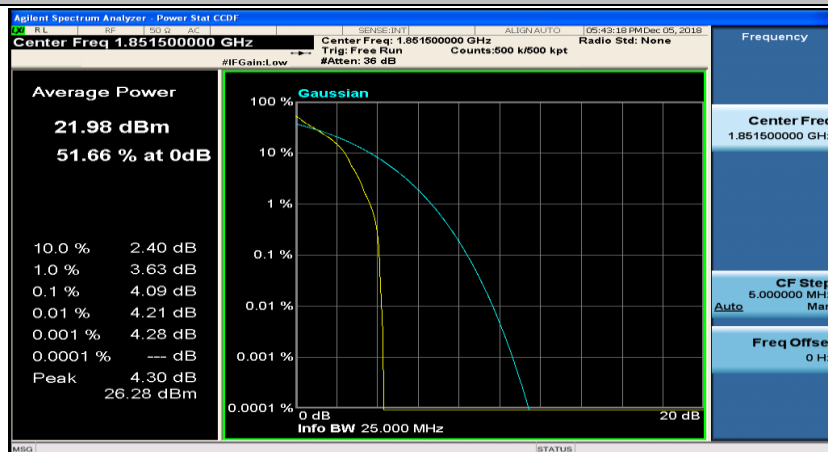
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



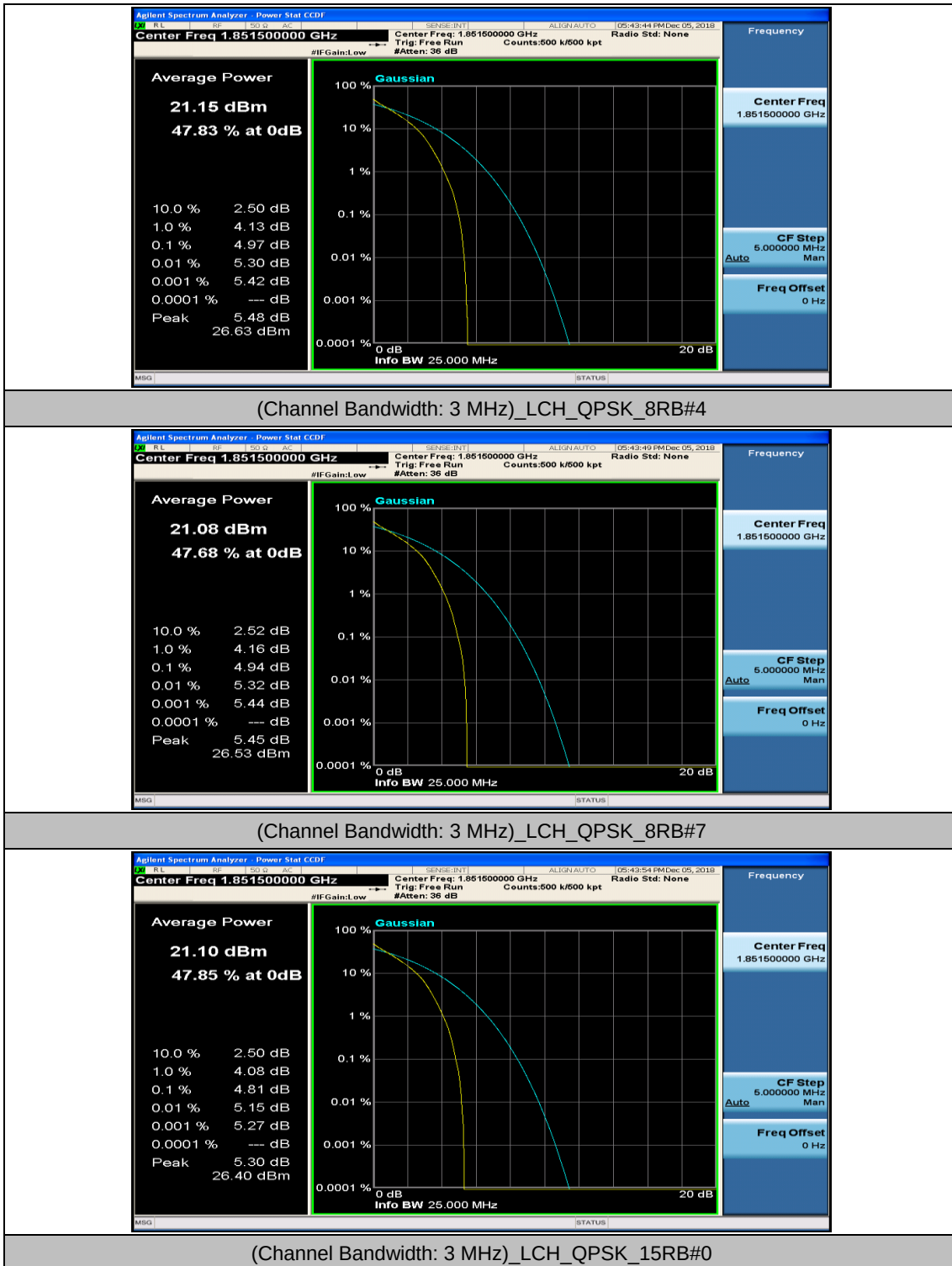
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7

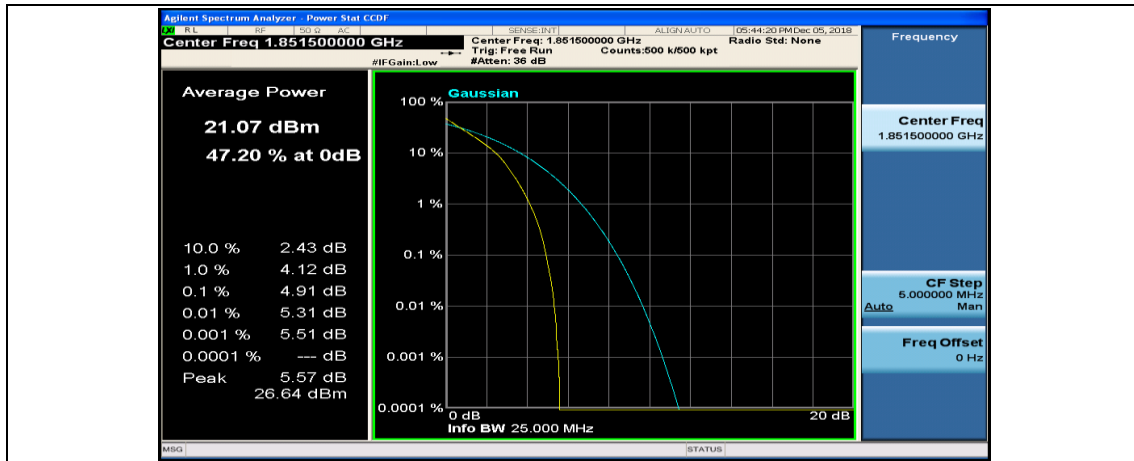


(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14

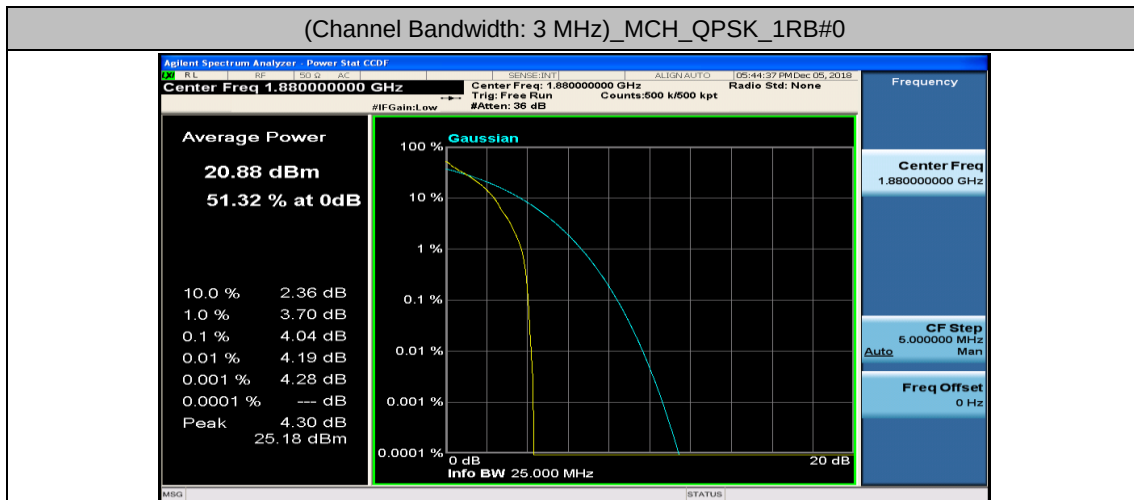


(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0

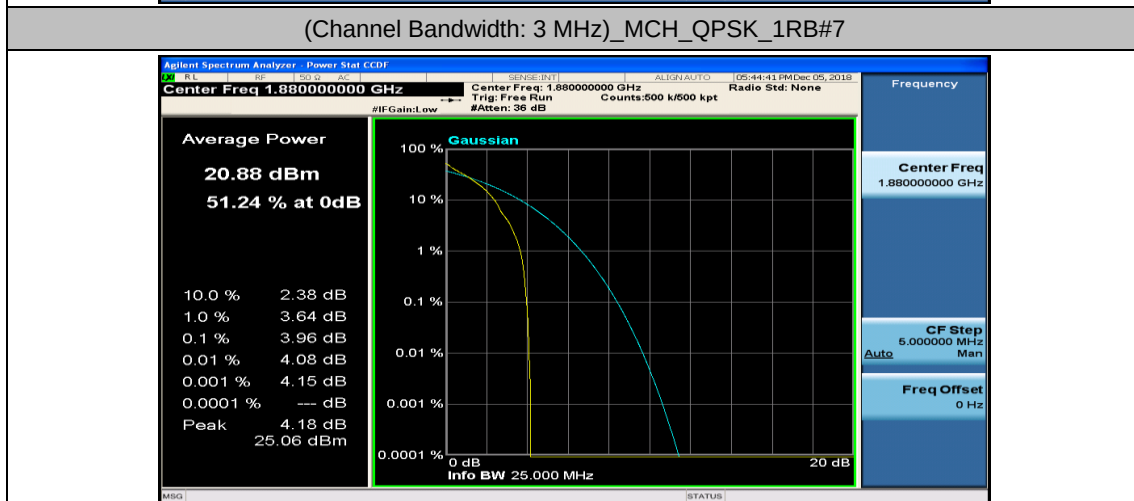




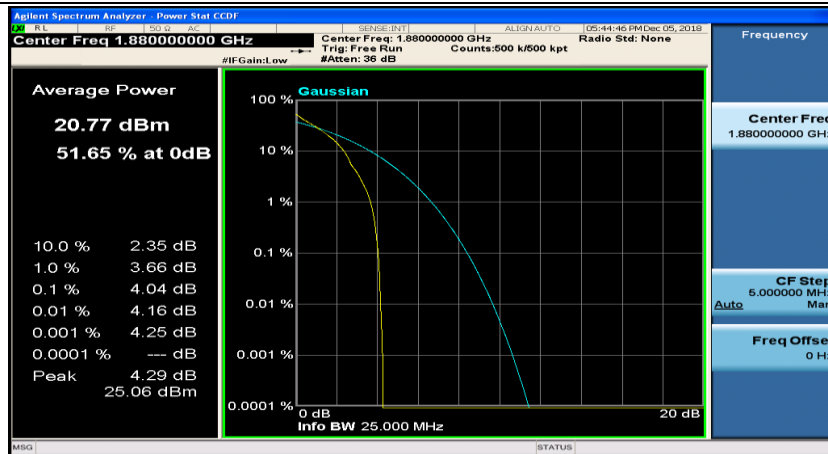
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



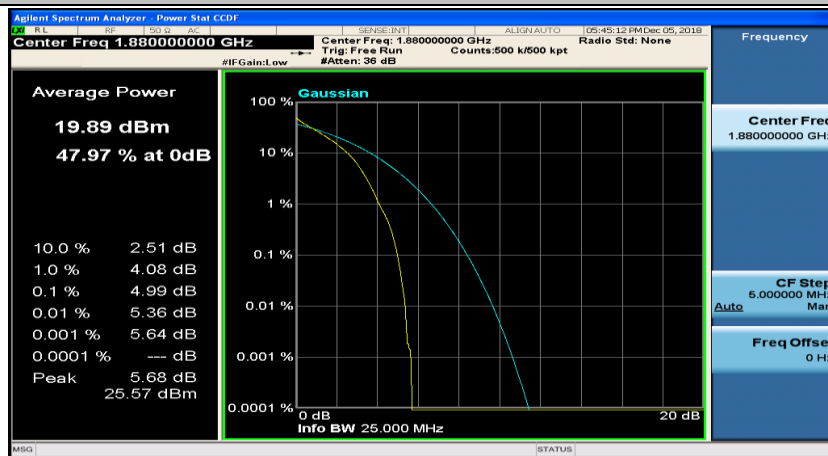
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7



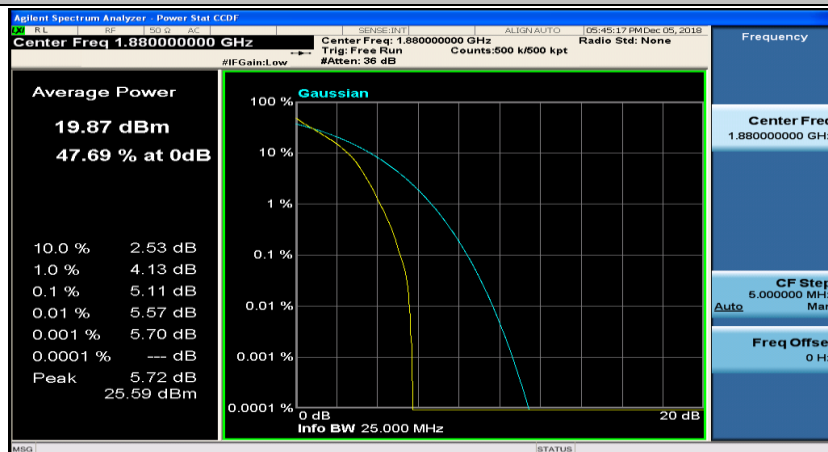
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



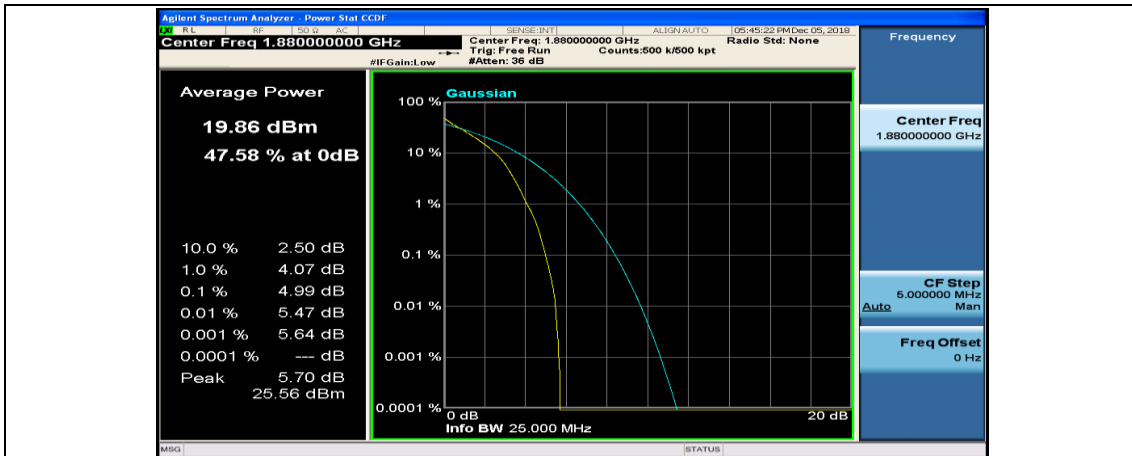
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#0



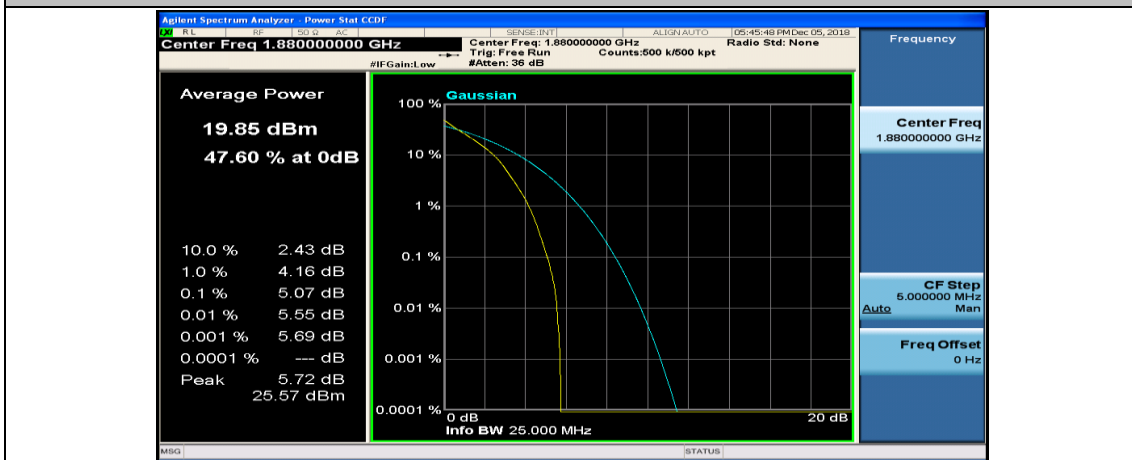
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#4



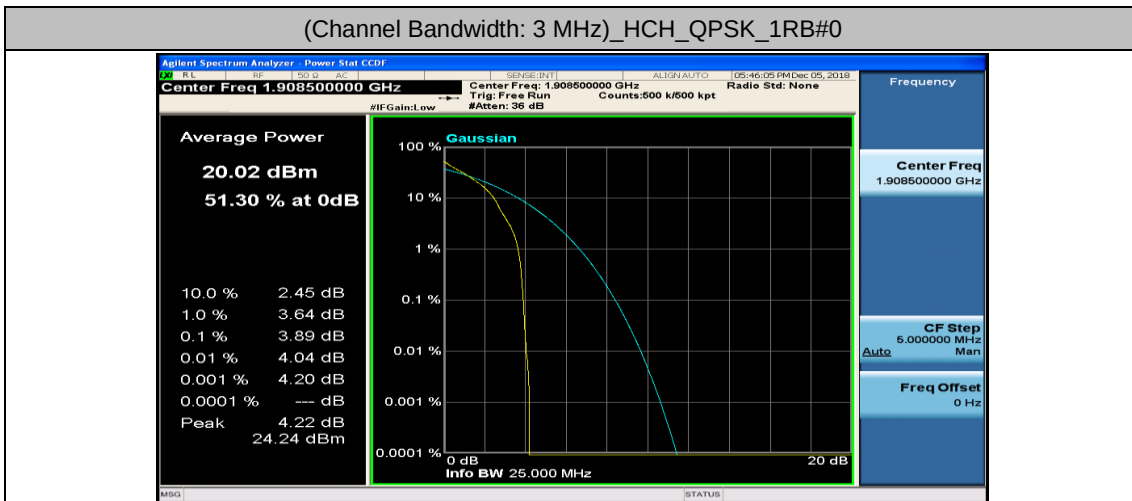
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#7



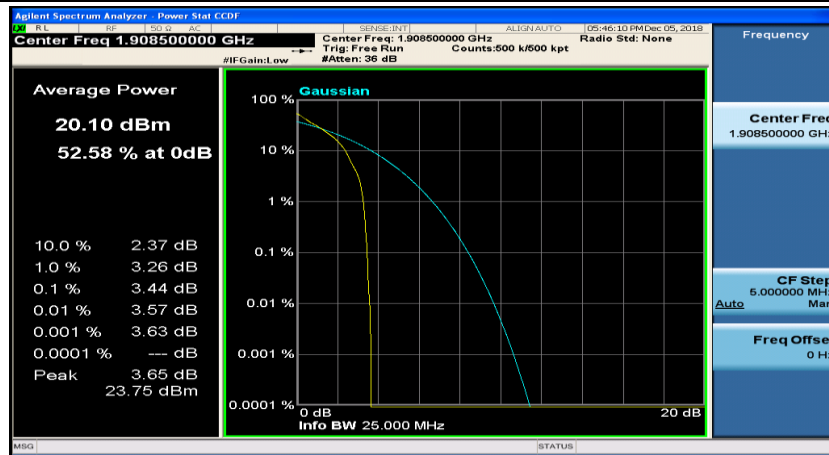
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



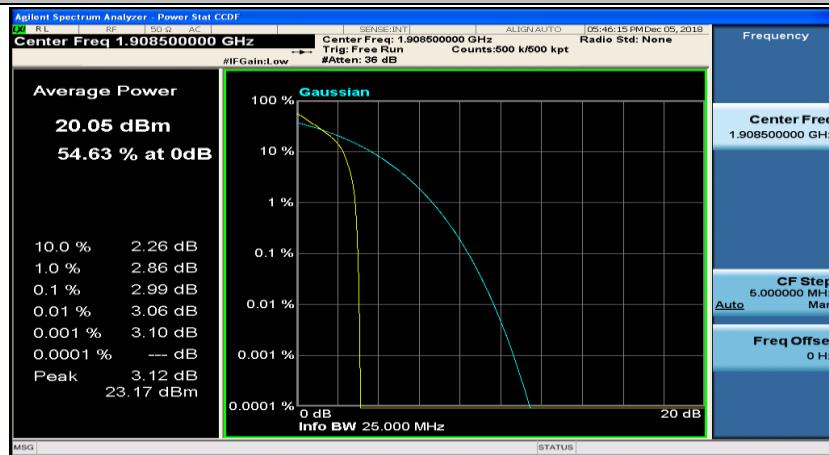
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



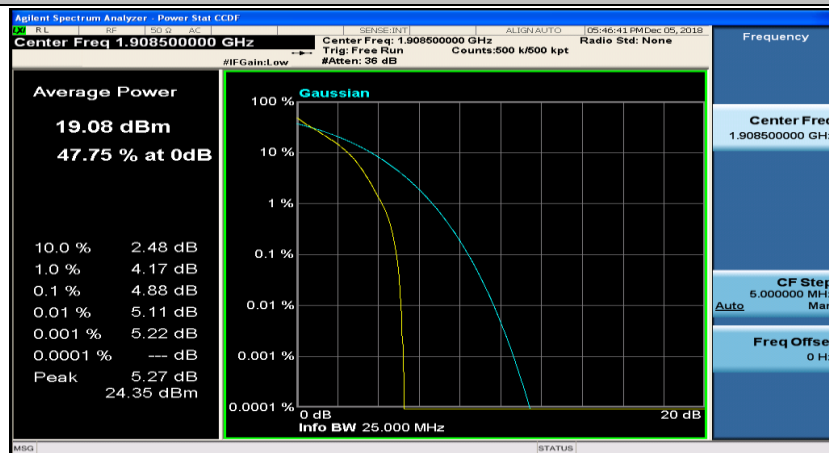
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



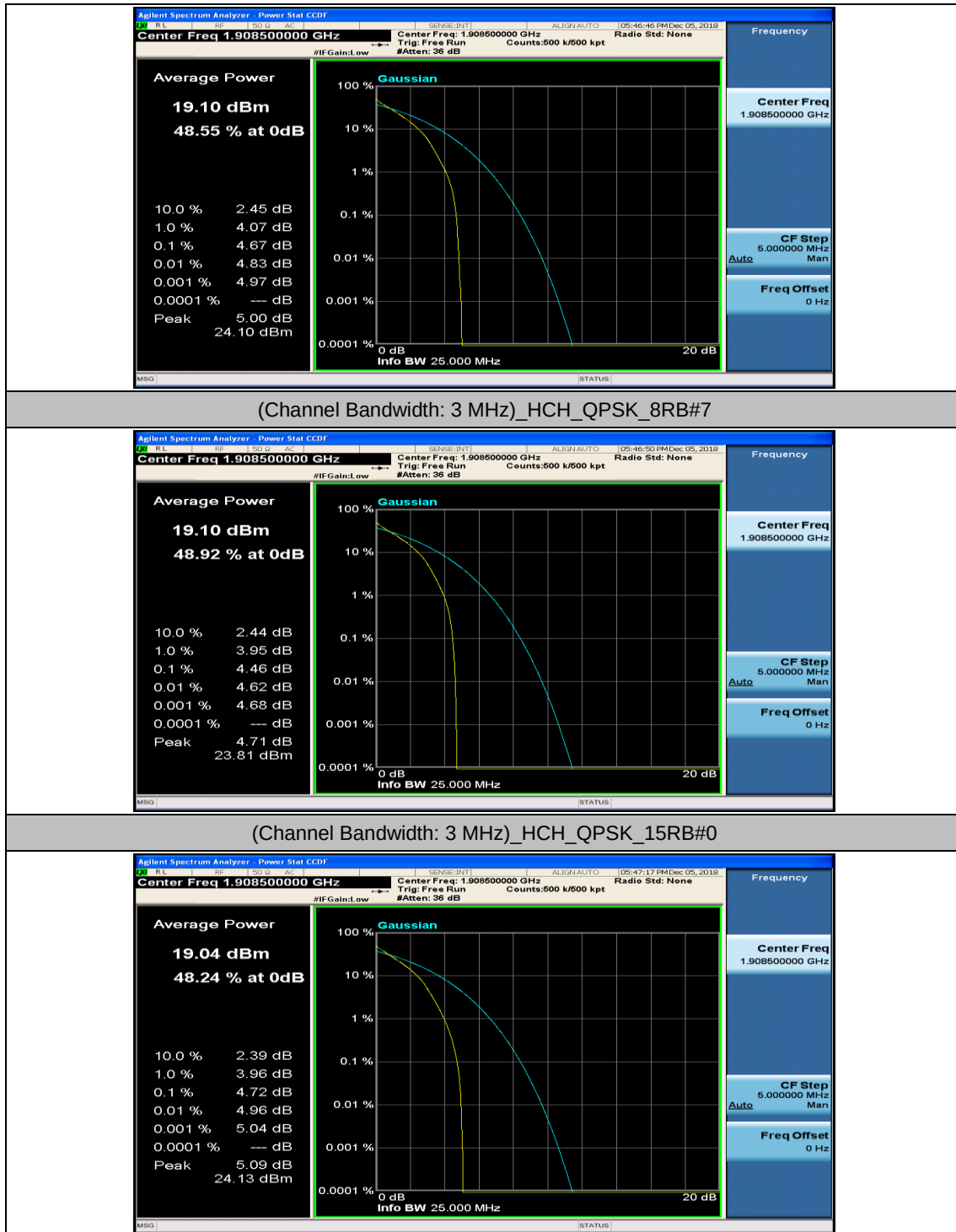
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



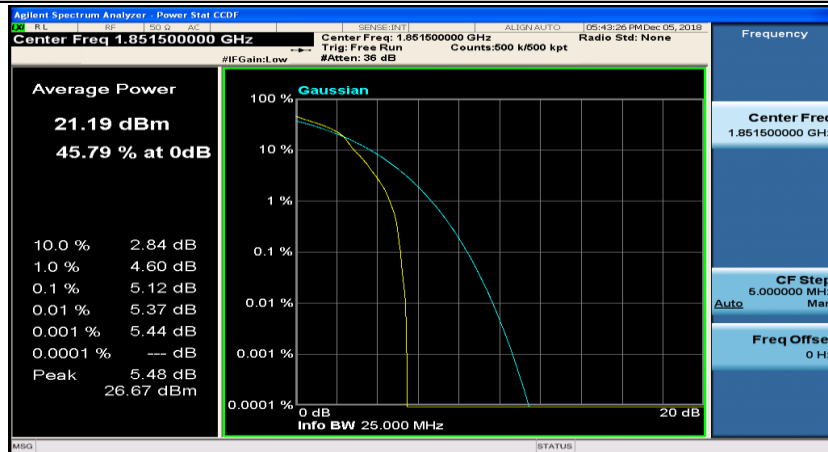
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



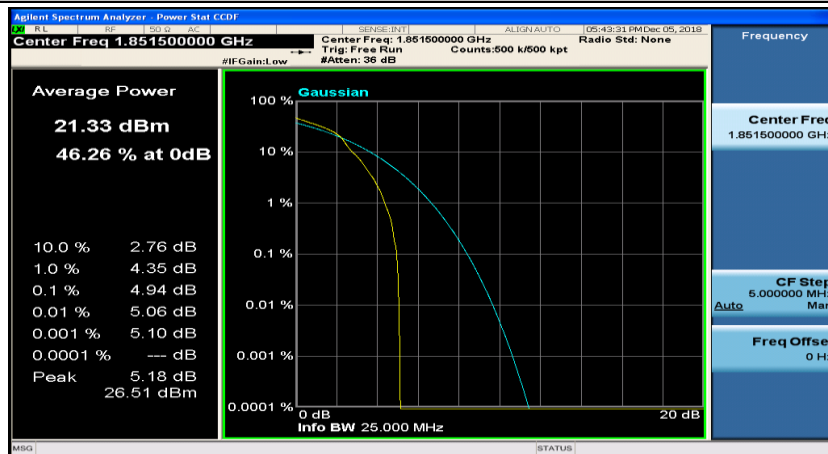
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4



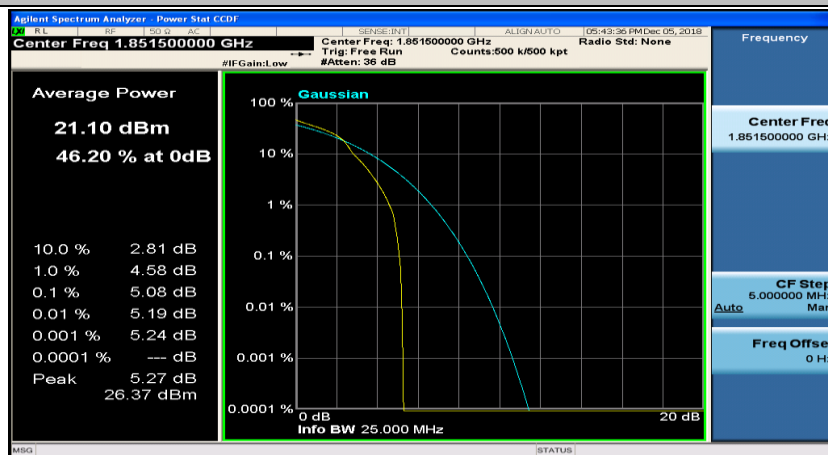
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



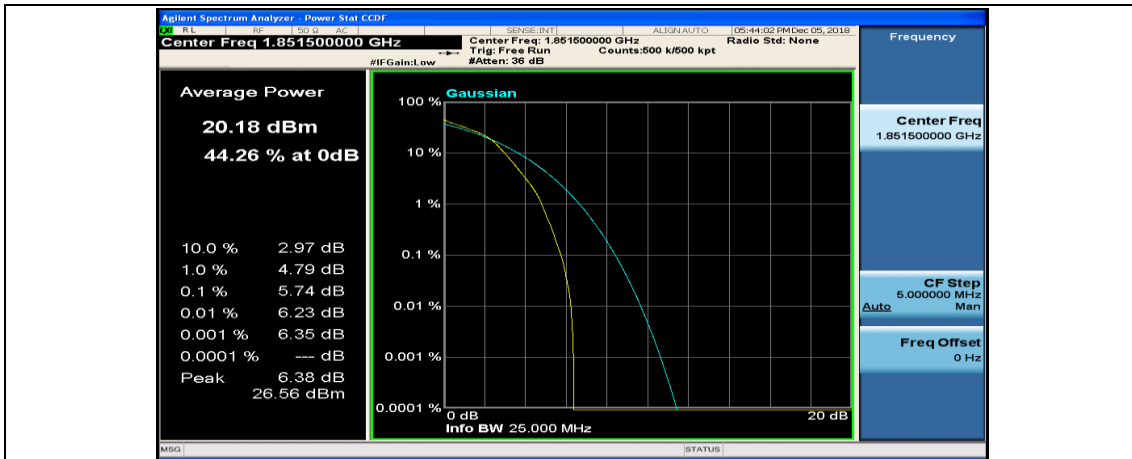
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7



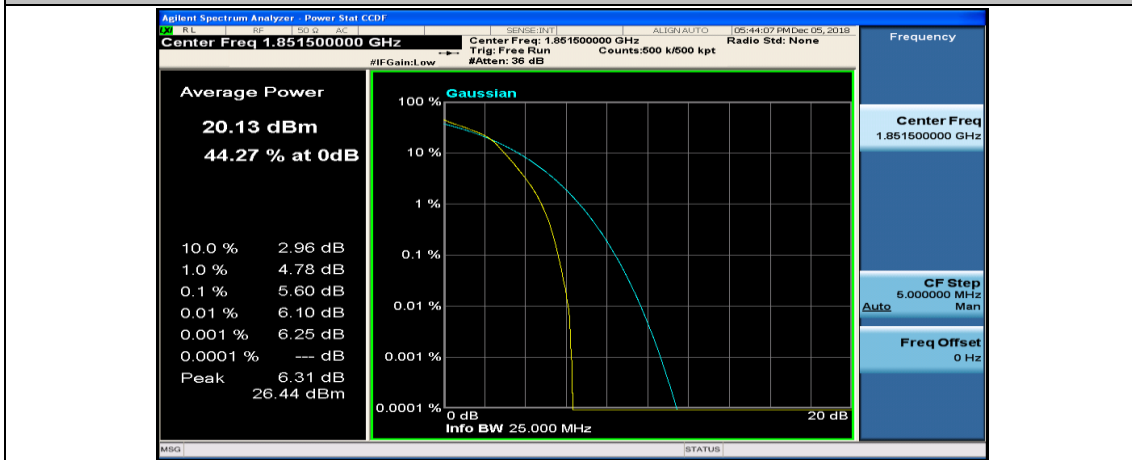
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14



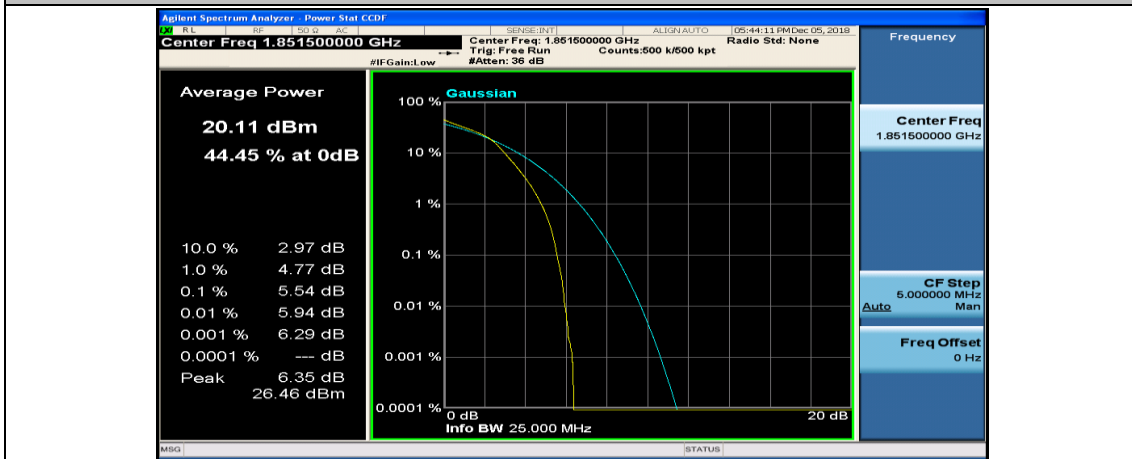
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0



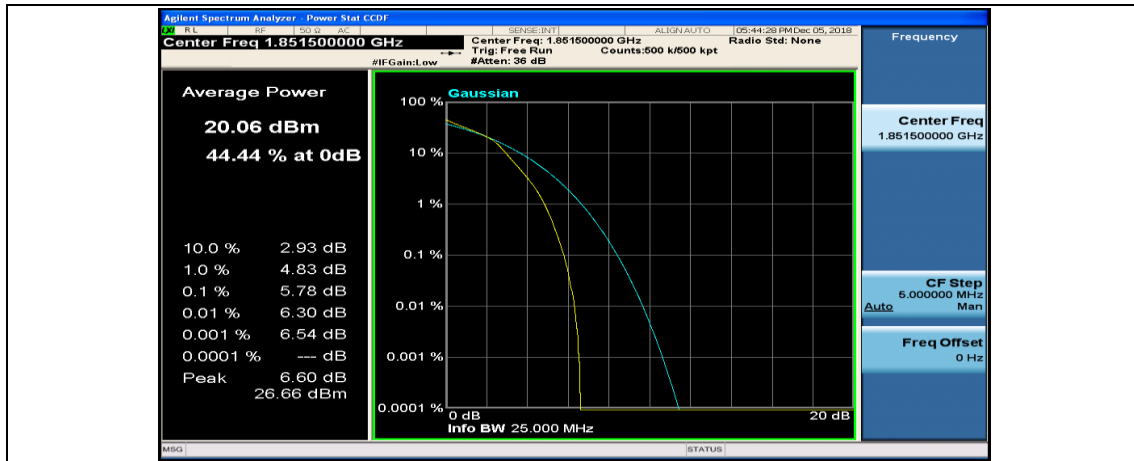
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4



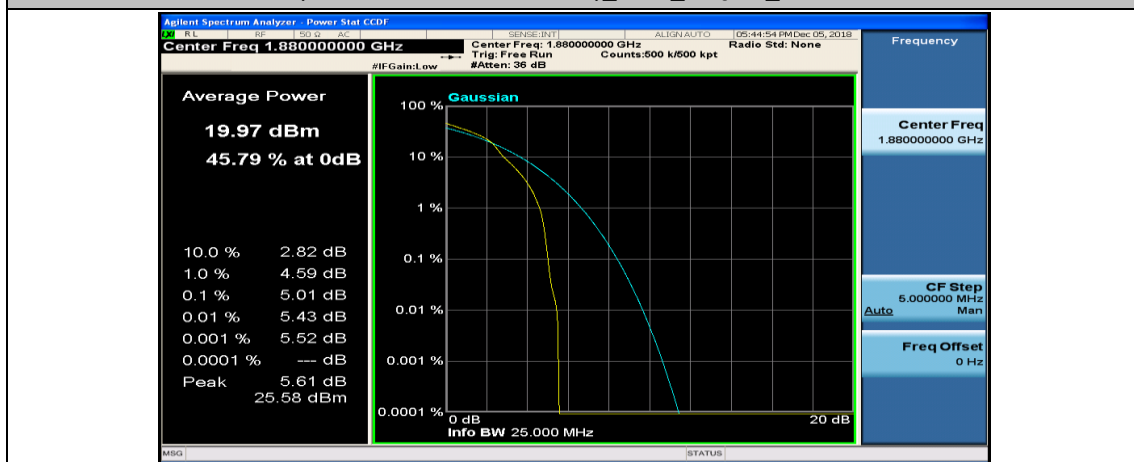
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7



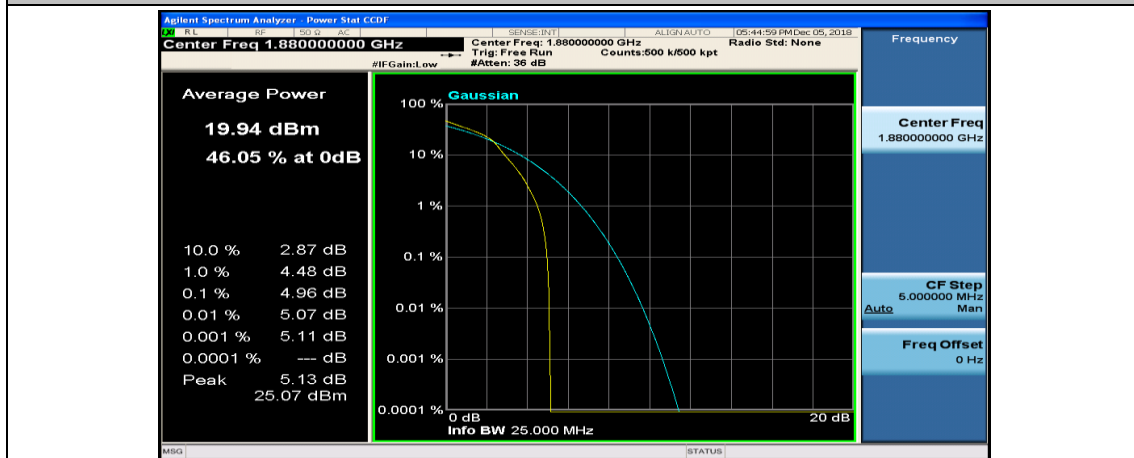
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



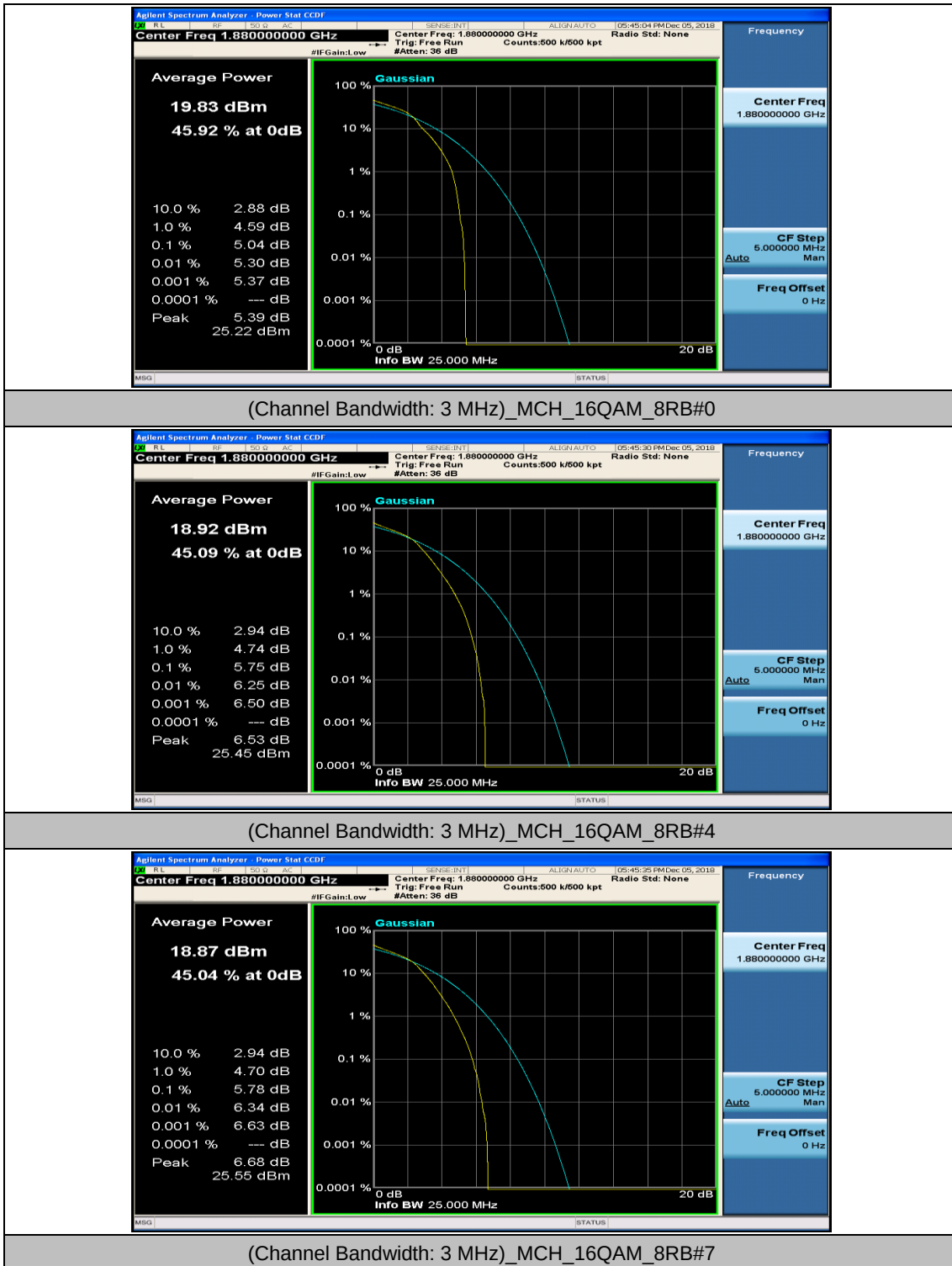
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

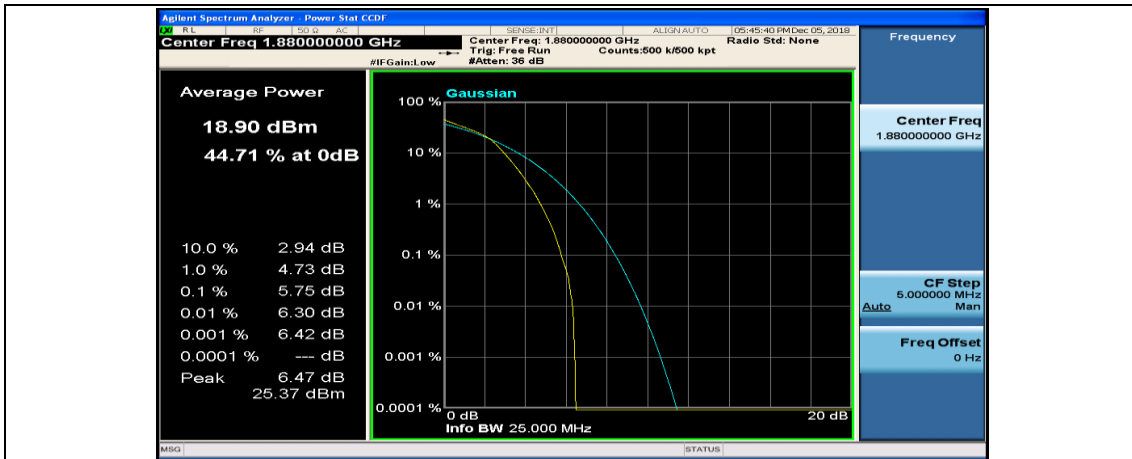


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

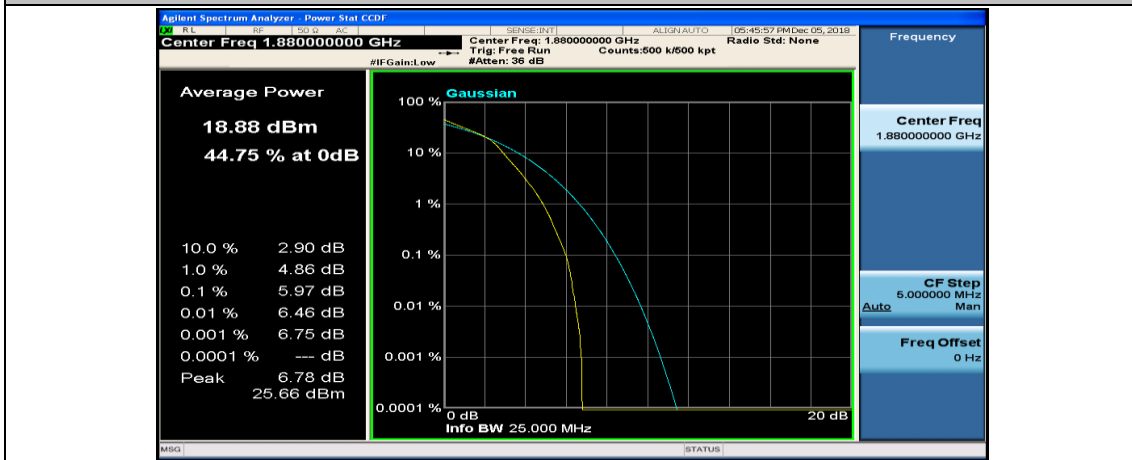


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

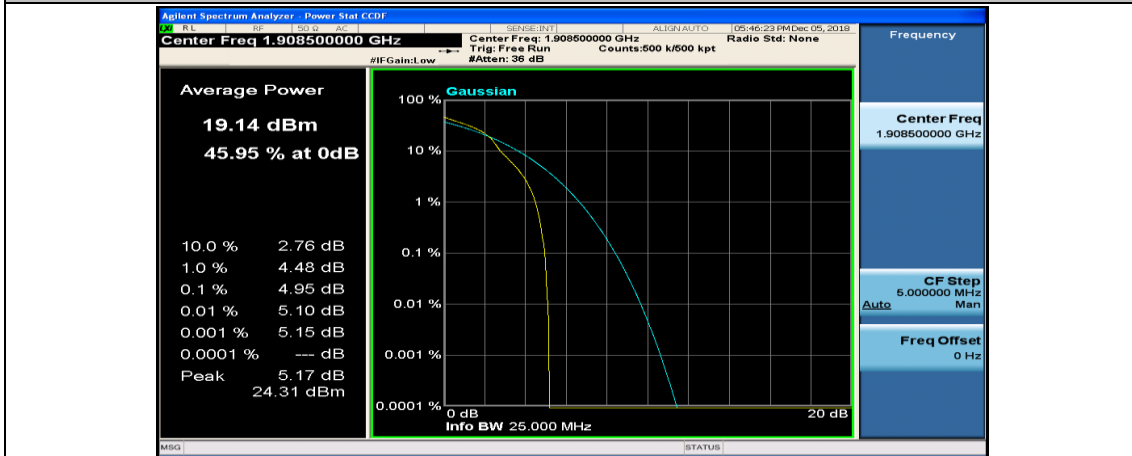




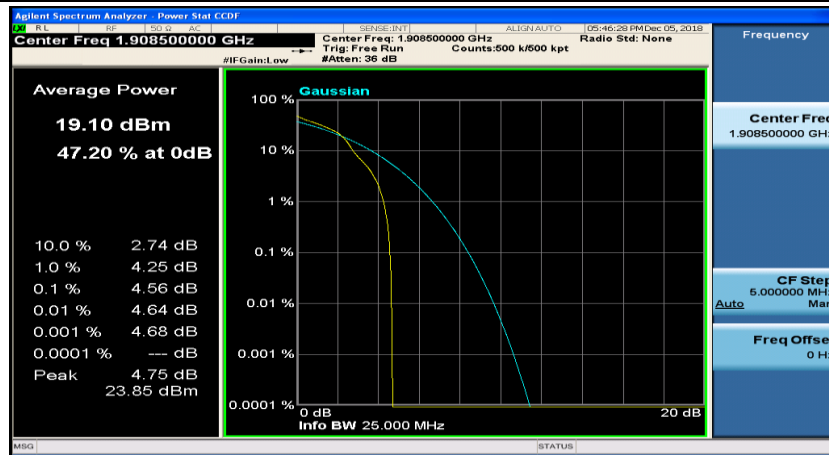
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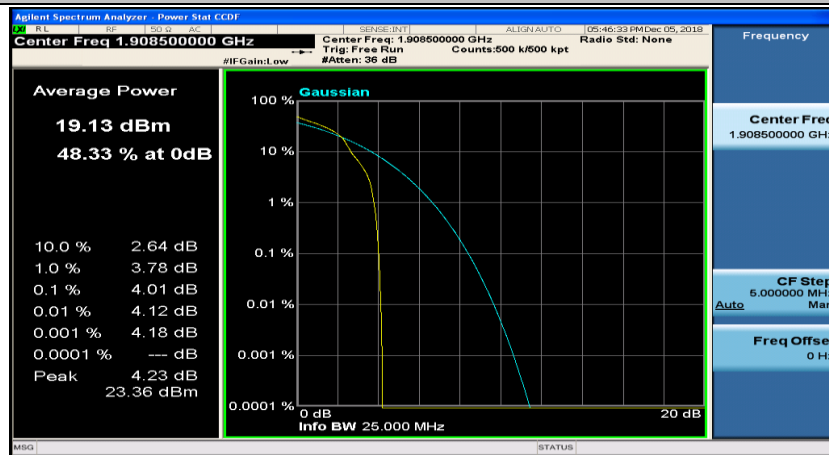
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



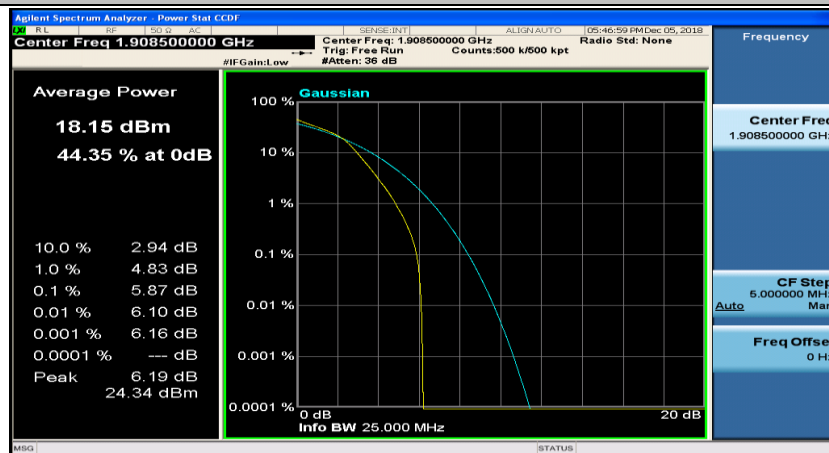
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



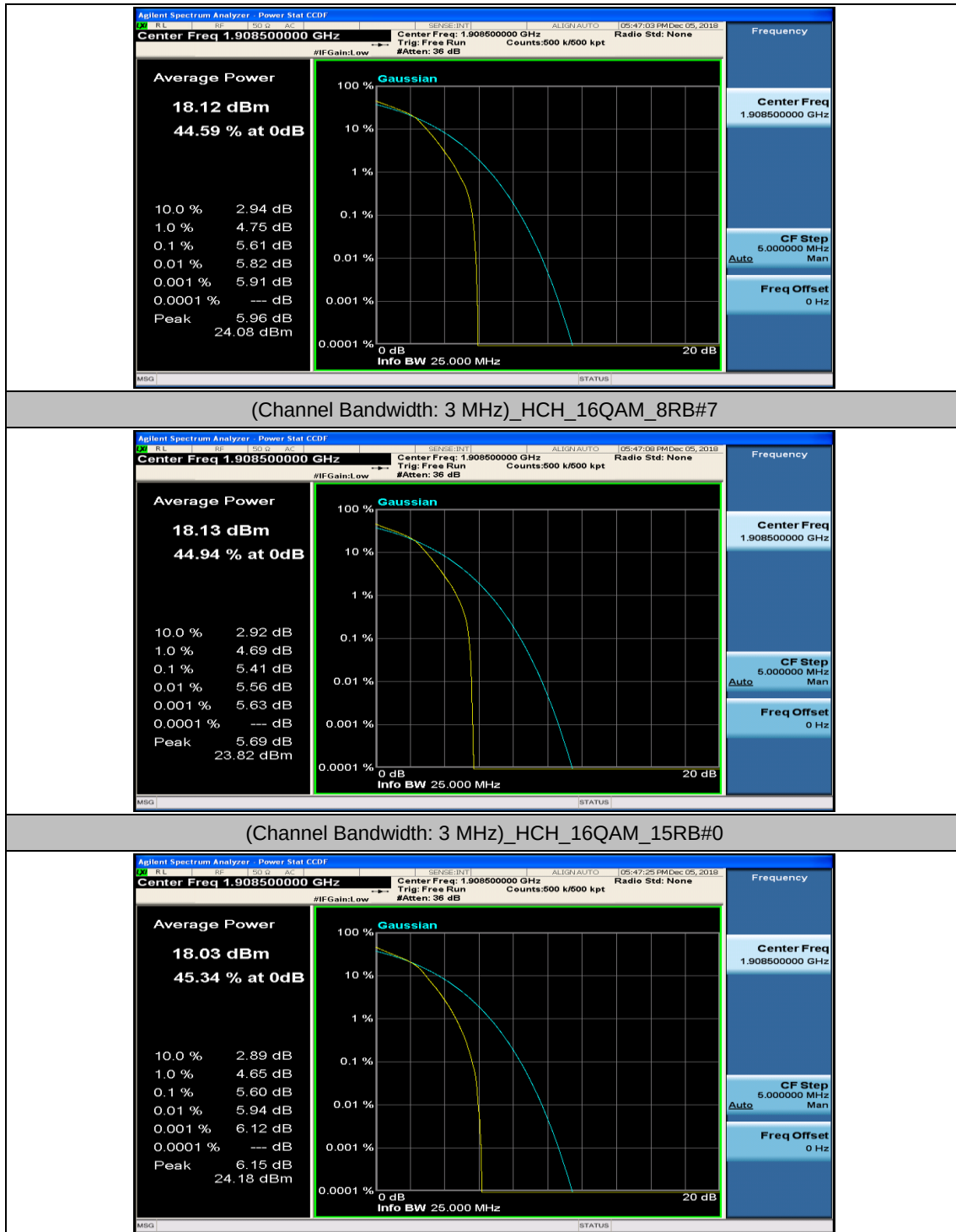
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4



Channel Bandwidth: 5 MHz

