

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.45	23.45	PASS
		1	3	23.49	23.49	PASS
		1	5	23.47	23.47	PASS
		3	0	23.24	23.24	PASS
		3	2	23.24	23.24	PASS
		3	3	23.29	23.29	PASS
		6	0	22.34	22.34	PASS
	MCH	1	0	23.14	23.14	PASS
		1	3	23.26	23.26	PASS
		1	5	23.40	23.40	PASS
		3	0	23.34	23.34	PASS
		3	2	23.33	23.33	PASS
		3	3	23.38	23.38	PASS
		6	0	22.33	22.33	PASS
	HCH	1	0	23.33	23.33	PASS
		1	3	23.46	23.46	PASS
		1	5	23.32	23.32	PASS
		3	0	23.35	23.35	PASS
		3	2	23.35	23.35	PASS
		3	3	23.30	23.30	PASS
		6	0	22.31	22.31	PASS
16QAM	LCH	1	0	22.57	22.57	PASS
		1	3	22.68	22.68	PASS
		1	5	22.61	22.61	PASS
		3	0	21.85	21.85	PASS
		3	2	21.85	21.85	PASS
		3	3	21.82	21.82	PASS
		6	0	21.48	21.48	PASS
	MCH	1	0	22.01	22.01	PASS
		1	3	22.35	22.35	PASS
		1	5	22.13	22.13	PASS
		3	0	22.20	22.20	PASS
		3	2	22.20	22.20	PASS

		3	3	22.44	22.44	PASS
		6	0	21.25	21.25	PASS
	HCH	1	0	22.56	22.56	PASS
		1	3	22.50	22.50	PASS
		1	5	22.44	22.44	PASS
		3	0	22.47	22.47	PASS
		3	2	22.10	22.10	PASS
		3	3	21.85	21.85	PASS
		6	0	21.39	21.39	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.31	23.31	PASS
		1	7	23.29	23.29	PASS
		1	14	23.13	23.13	PASS
		8	0	22.44	22.44	PASS
		8	4	22.44	22.44	PASS
		8	7	22.28	22.28	PASS
		15	0	22.39	22.39	PASS
	MCH	1	0	23.18	23.18	PASS
		1	7	23.30	23.30	PASS
		1	14	23.46	23.46	PASS
		8	0	22.35	22.35	PASS
		8	4	22.35	22.35	PASS
		8	7	22.26	22.26	PASS
		15	0	22.23	22.23	PASS
	HCH	1	0	23.58	23.58	PASS
		1	7	23.39	23.39	PASS
		1	14	23.08	23.08	PASS
		8	0	22.46	22.46	PASS
		8	4	22.46	22.46	PASS
		8	7	22.26	22.26	PASS
		15	0	22.43	22.43	PASS
16QAM	LCH	1	0	22.71	22.71	PASS
		1	7	22.79	22.79	PASS
		1	14	22.03	22.03	PASS
		8	0	21.51	21.51	PASS
		8	4	21.42	21.42	PASS

		8	7	21.23	21.23	PASS
		15	0	21.33	21.33	PASS
	MCH	1	0	22.11	22.11	PASS
		1	7	22.47	22.47	PASS
		1	14	22.44	22.44	PASS
		8	0	21.14	21.14	PASS
		8	4	21.14	21.14	PASS
		8	7	21.61	21.61	PASS
		15	0	21.16	21.16	PASS
	HCH	1	0	22.41	22.41	PASS
		1	7	22.36	22.36	PASS
		1	14	22.46	22.46	PASS
		8	0	21.70	21.70	PASS
		8	4	21.70	21.70	PASS
		8	7	21.51	21.51	PASS
		15	0	21.52	21.52	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.13	23.13	PASS
		1	12	23.10	23.10	PASS
		1	24	23.21	23.21	PASS
		12	0	22.29	22.29	PASS
		12	6	22.29	22.29	PASS
		12	13	22.07	22.07	PASS
		25	0	22.25	22.25	PASS
	MCH	1	0	23.39	23.39	PASS
		1	12	23.52	23.52	PASS
		1	24	23.37	23.37	PASS
		12	0	22.24	22.24	PASS
		12	6	22.31	22.31	PASS
		12	13	22.31	22.31	PASS
		25	0	22.29	22.29	PASS
	HCH	1	0	23.49	23.49	PASS
		1	12	23.38	23.38	PASS
		1	24	23.16	23.16	PASS
		12	0	22.38	22.38	PASS
		12	6	22.38	22.38	PASS

16QAM		12	13	22.15	22.15	PASS
		25	0	22.27	22.27	PASS
	LCH	1	0	22.38	22.38	PASS
		1	12	21.86	21.86	PASS
		1	24	21.67	21.67	PASS
		12	0	21.30	21.30	PASS
		12	6	21.30	21.30	PASS
		12	13	21.02	21.02	PASS
		25	0	21.29	21.29	PASS
	MCH	1	0	22.10	22.10	PASS
		1	12	22.14	22.14	PASS
		1	24	22.38	22.38	PASS
		12	0	21.16	21.16	PASS
		12	6	21.35	21.35	PASS
		12	13	21.30	21.30	PASS
		25	0	21.26	21.26	PASS
	HCH	1	0	22.66	22.66	PASS
		1	12	22.72	22.72	PASS
		1	24	22.22	22.22	PASS
		12	0	21.16	21.16	PASS
		12	6	21.17	21.17	PASS
		12	13	20.96	20.96	PASS
		25	0	21.37	21.37	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.15	23.15	PASS
		1	24	23.17	23.17	PASS
		1	49	23.49	23.49	PASS
		25	0	22.29	22.29	PASS
		25	12	22.28	22.28	PASS
		25	25	22.26	22.26	PASS
		50	0	22.40	22.40	PASS
	MCH	1	0	22.98	22.98	PASS
		1	24	23.55	23.55	PASS
		1	49	23.11	23.11	PASS
		25	0	22.25	22.25	PASS
		25	12	22.25	22.25	PASS

		25	25	22.34	22.34	PASS
		50	0	22.25	22.25	PASS
	HCH	1	0	23.26	23.26	PASS
		1	24	23.79	23.79	PASS
		1	49	23.00	23.00	PASS
		25	0	22.38	22.38	PASS
		25	12	22.38	22.38	PASS
		25	25	22.41	22.41	PASS
		50	0	22.31	22.31	PASS
16QAM	LCH	1	0	21.98	21.98	PASS
		1	24	21.89	21.89	PASS
		1	49	22.20	22.20	PASS
		25	0	21.29	21.29	PASS
		25	12	21.20	21.20	PASS
		25	25	21.05	21.05	PASS
		50	0	21.19	21.19	PASS
	MCH	1	0	22.00	22.00	PASS
		1	24	23.04	23.04	PASS
		1	49	22.58	22.58	PASS
		25	0	21.31	21.31	PASS
		25	12	21.25	21.25	PASS
		25	25	21.49	21.49	PASS
		50	0	21.28	21.28	PASS
	HCH	1	0	22.66	22.66	PASS
		1	24	23.10	23.10	PASS
		1	49	22.60	22.60	PASS
		25	0	21.21	21.21	PASS
		25	12	21.22	21.22	PASS
		25	25	21.22	21.22	PASS
		50	0	21.08	21.08	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	4.35	<13	PASS
		1	3	4.25	<13	PASS
		1	5	4.3	<13	PASS
		3	0	4.42	<13	PASS
		3	2	4.43	<13	PASS
		3	3	4.45	<13	PASS
		6	0	4.92	<13	PASS
	MCH	1	0	4.43	<13	PASS
		1	3	4.28	<13	PASS
		1	5	4.4	<13	PASS
		3	0	4.65	<13	PASS
		3	2	4.64	<13	PASS
		3	3	4.64	<13	PASS
		6	0	5.02	<13	PASS
	HCH	1	0	4.17	<13	PASS
		1	3	4.09	<13	PASS
		1	5	4.19	<13	PASS
		3	0	4.37	<13	PASS
		3	2	4.41	<13	PASS
		3	3	4.42	<13	PASS
		6	0	4.83	<13	PASS
16QAM	LCH	1	0	5.19	<13	PASS
		1	3	5.05	<13	PASS
		1	5	5.15	<13	PASS
		3	0	5.44	<13	PASS
		3	2	5.43	<13	PASS
		3	3	5.41	<13	PASS
		6	0	5.82	<13	PASS
	MCH	1	0	5.4	<13	PASS
		1	3	5.24	<13	PASS
		1	5	5.37	<13	PASS

		3	0	5.53	<13	PASS
		3	2	5.54	<13	PASS
		3	3	5.54	<13	PASS
		6	0	5.86	<13	PASS
	HCH	1	0	5.11	<13	PASS
		1	3	4.94	<13	PASS
		1	5	5.05	<13	PASS
		3	0	5.32	<13	PASS
		3	2	5.27	<13	PASS
		3	3	5.33	<13	PASS
		6	0	5.77	<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	4.29	<13	PASS
		1	7	4.22	<13	PASS
		1	14	4.42	<13	PASS
		8	0	4.74	<13	PASS
		8	4	4.76	<13	PASS
		8	7	4.8	<13	PASS
		15	0	5.01	<13	PASS
	MCH	1	0	4.43	<13	PASS
		1	7	4.22	<13	PASS
		1	14	4.4	<13	PASS
		8	0	4.83	<13	PASS
		8	4	4.8	<13	PASS
		8	7	4.78	<13	PASS
		15	0	5.07	<13	PASS
	HCH	1	0	4.32	<13	PASS
		1	7	4.09	<13	PASS
		1	14	4.24	<13	PASS
		8	0	4.68	<13	PASS
		8	4	4.66	<13	PASS
		8	7	4.69	<13	PASS
		15	0	4.87	<13	PASS
16QAM	LCH	1	0	5.23	<13	PASS
		1	7	5.09	<13	PASS
		1	14	5.32	<13	PASS

		8	0	5.66	<13	PASS
		8	4	5.72	<13	PASS
		8	7	5.69	<13	PASS
		15	0	5.9	<13	PASS
	MCH	1	0	5.26	<13	PASS
		1	7	5.14	<13	PASS
		1	14	5.33	<13	PASS
		8	0	5.68	<13	PASS
		8	4	5.71	<13	PASS
		8	7	5.7	<13	PASS
		15	0	5.94	<13	PASS
	HCH	1	0	5.19	<13	PASS
		1	7	5	<13	PASS
		1	14	5.14	<13	PASS
		8	0	5.63	<13	PASS
		8	4	5.59	<13	PASS
		8	7	5.59	<13	PASS
		15	0	5.76	<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	4.29	<13	PASS
		1	12	4.27	<13	PASS
		1	24	4.35	<13	PASS
		12	0	4.67	<13	PASS
		12	6	4.69	<13	PASS
		12	13	4.7	<13	PASS
		25	0	4.98	<13	PASS
	MCH	1	0	4.37	<13	PASS
		1	12	4.27	<13	PASS
		1	24	4.4	<13	PASS
		12	0	4.75	<13	PASS
		12	6	4.74	<13	PASS
		12	13	4.78	<13	PASS
		25	0	5.04	<13	PASS
	HCH	1	0	4.34	<13	PASS
		1	12	4.17	<13	PASS
		1	24	4.21	<13	PASS

16QAM		12	0	4.67	<13	PASS
		12	6	4.69	<13	PASS
		12	13	4.65	<13	PASS
		25	0	4.98	<13	PASS
	LCH	1	0	5.32	<13	PASS
		1	12	5.17	<13	PASS
		1	24	5.3	<13	PASS
		12	0	5.67	<13	PASS
		12	6	5.65	<13	PASS
		12	13	5.73	<13	PASS
		25	0	5.81	<13	PASS
	MCH	1	0	5.12	<13	PASS
		1	12	5	<13	PASS
		1	24	5.15	<13	PASS
		12	0	5.68	<13	PASS
		12	6	5.64	<13	PASS
		12	13	5.65	<13	PASS
		25	0	5.9	<13	PASS
	HCH	1	0	5.12	<13	PASS
		1	12	4.93	<13	PASS
		1	24	4.93	<13	PASS
		12	0	5.6	<13	PASS
		12	6	5.58	<13	PASS
		12	13	5.6	<13	PASS
		25	0	5.83	<13	PASS

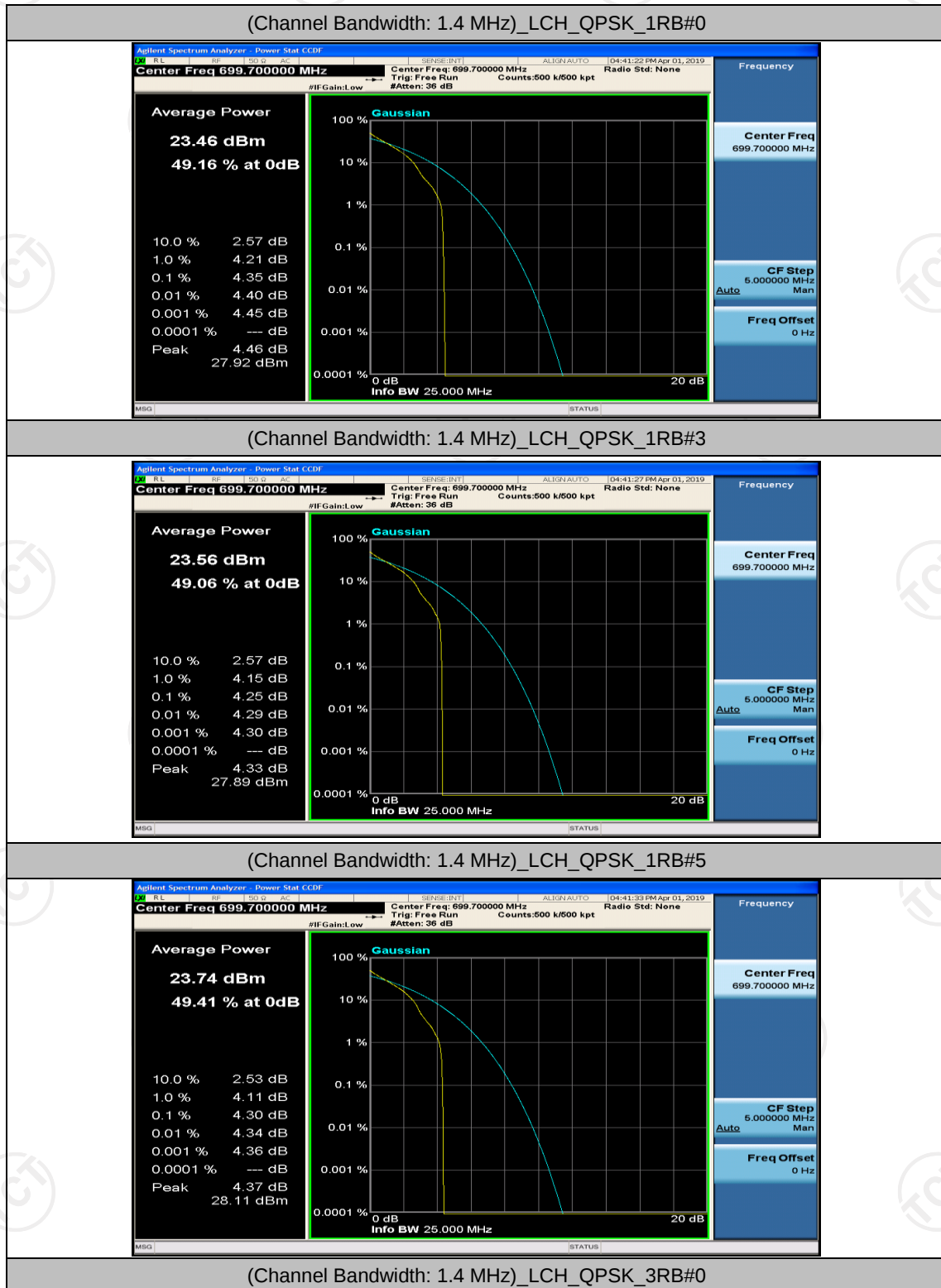
Channel Bandwidth: 10 MHz

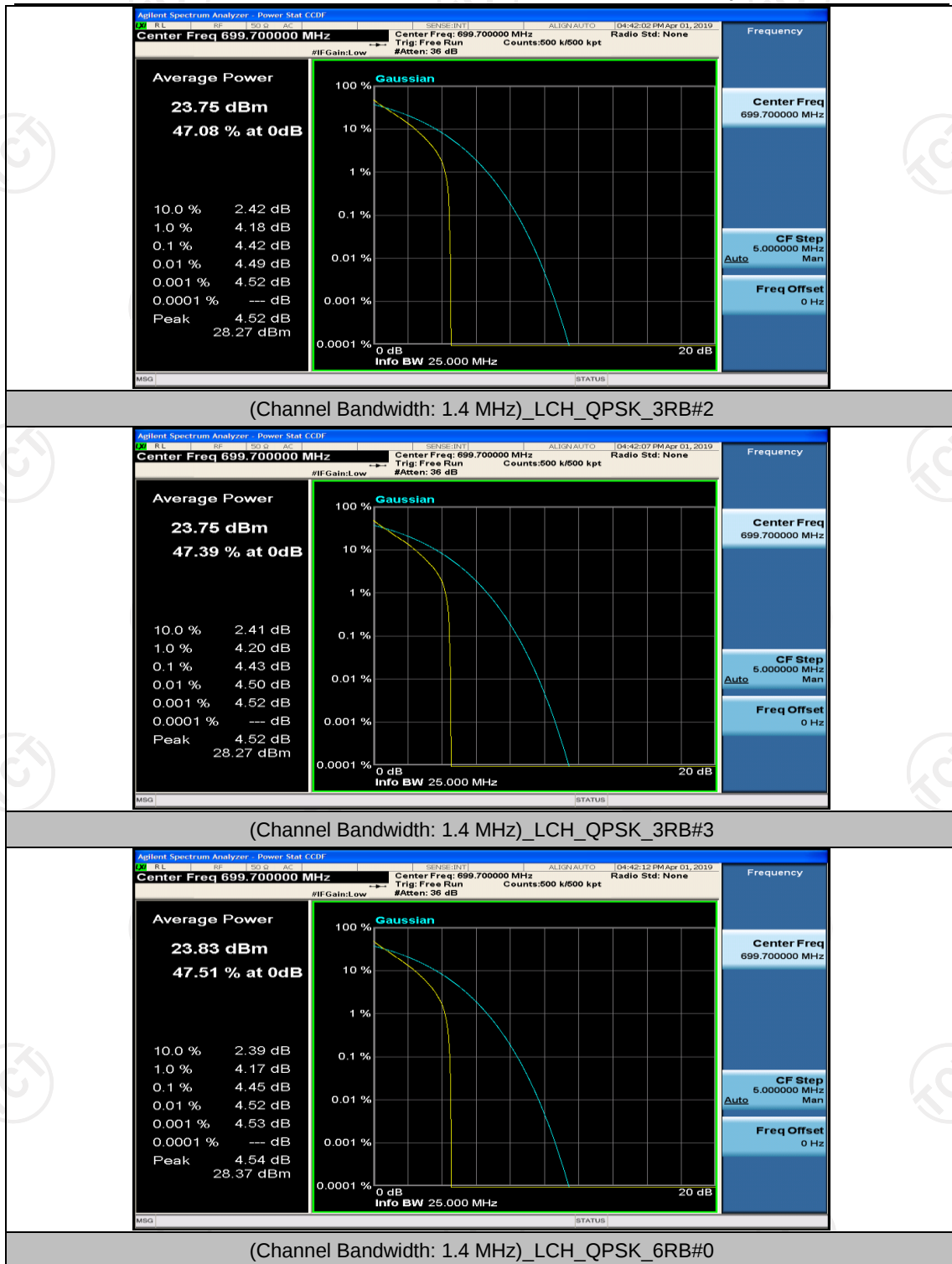
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.22	<13	PASS
		1	24	4.28	<13	PASS
		1	49	4.39	<13	PASS
		25	0	4.72	<13	PASS
		25	12	4.7	<13	PASS
		25	25	4.74	<13	PASS
		50	0	4.93	<13	PASS
	MCH	1	0	4.28	<13	PASS
		1	24	4.25	<13	PASS
		1	49	4.25	<13	PASS

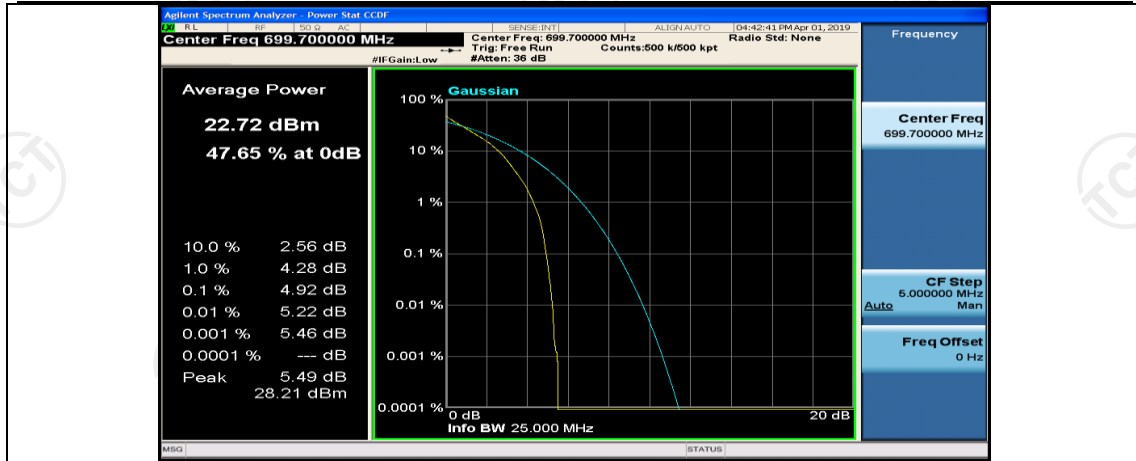
		25	0	4.75	<13	PASS
		25	12	4.74	<13	PASS
		25	25	4.7	<13	PASS
		50	0	5.09	<13	PASS
	HCH	1	0	4.38	<13	PASS
		1	24	4.21	<13	PASS
		1	49	4.19	<13	PASS
		25	0	4.72	<13	PASS
		25	12	4.72	<13	PASS
		25	25	4.73	<13	PASS
		50	0	5.07	<13	PASS
	16QAM	1	0	5.07	<13	PASS
		1	24	5.22	<13	PASS
		1	49	5.23	<13	PASS
		25	0	5.64	<13	PASS
		25	12	5.65	<13	PASS
		25	25	5.62	<13	PASS
		50	0	5.84	<13	PASS
		1	0	5.12	<13	PASS
		1	24	5.2	<13	PASS
		1	49	5.1	<13	PASS
		25	0	5.68	<13	PASS
		25	12	5.67	<13	PASS
	MCH	25	25	5.68	<13	PASS
		50	0	5.94	<13	PASS
		1	0	5.24	<13	PASS
		1	24	5.07	<13	PASS
		1	49	5.12	<13	PASS
		25	0	5.69	<13	PASS
		25	12	5.68	<13	PASS
		25	25	5.66	<13	PASS
	HCH	50	0	5.9	<13	PASS

Test Graphs

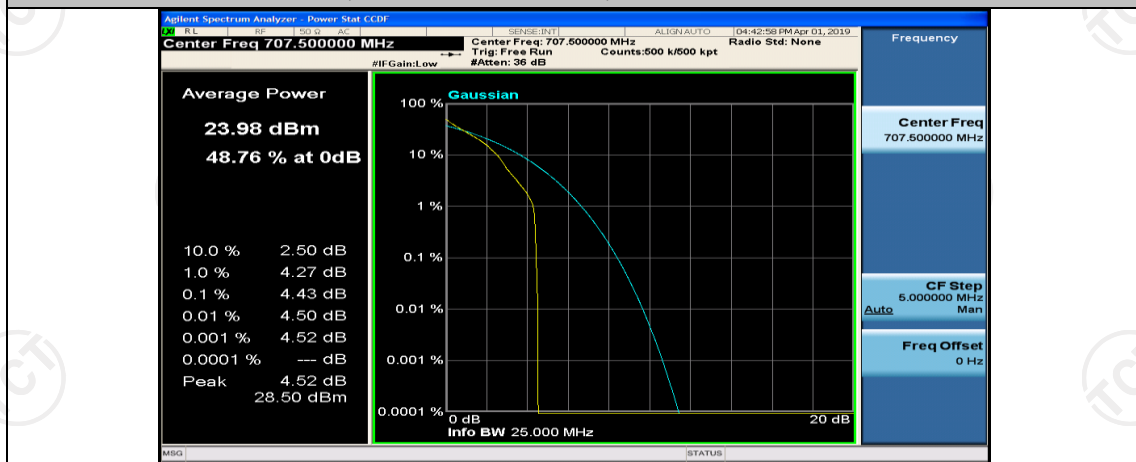
Channel Bandwidth: 1.4 MHz



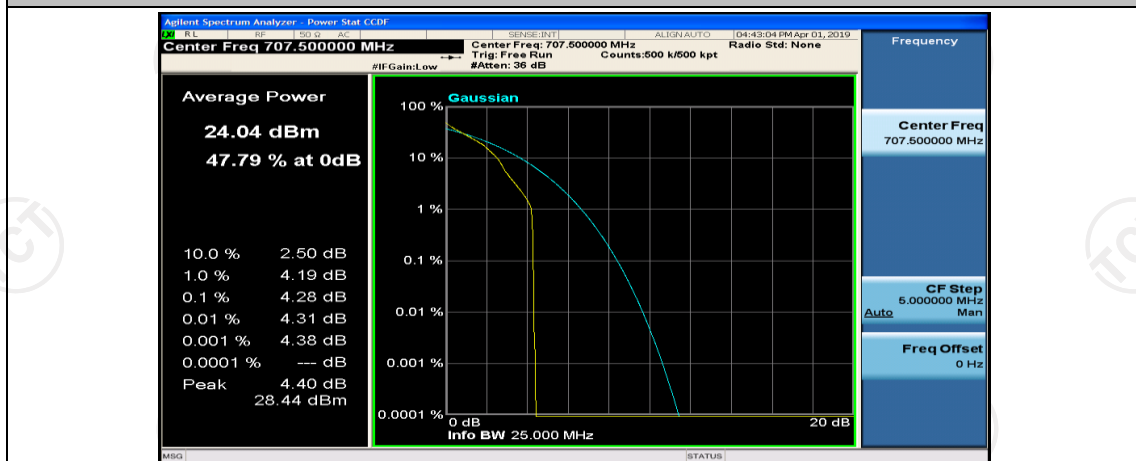




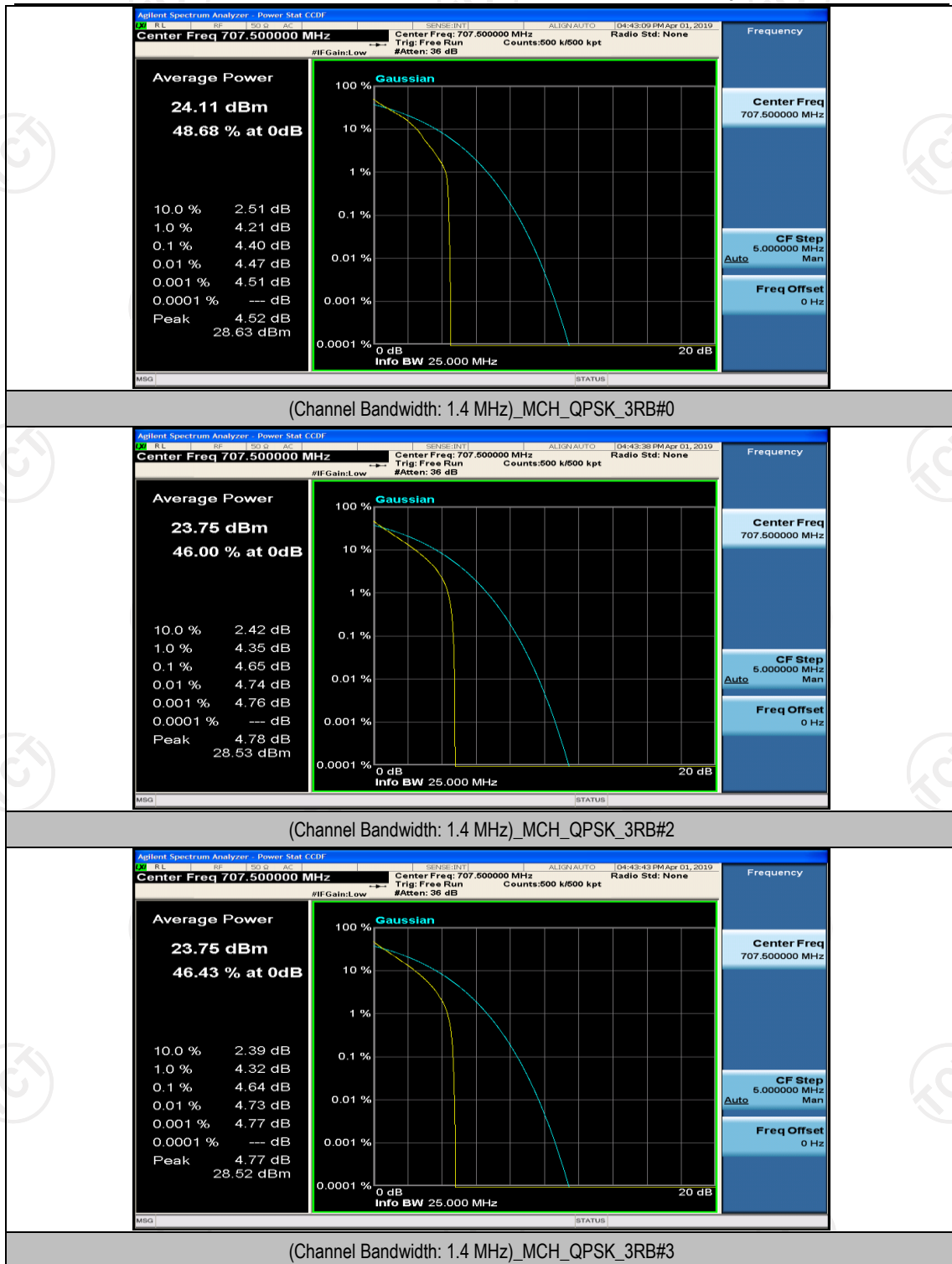
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

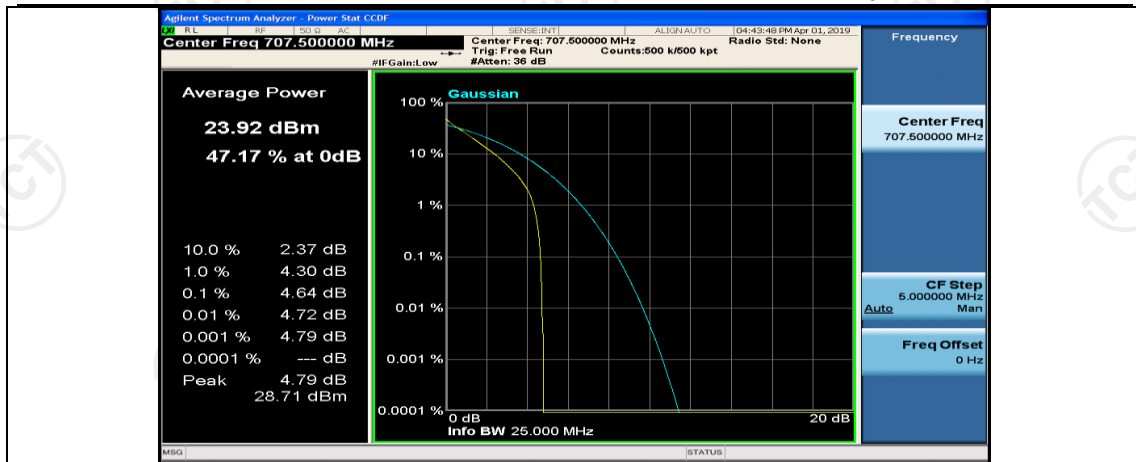


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

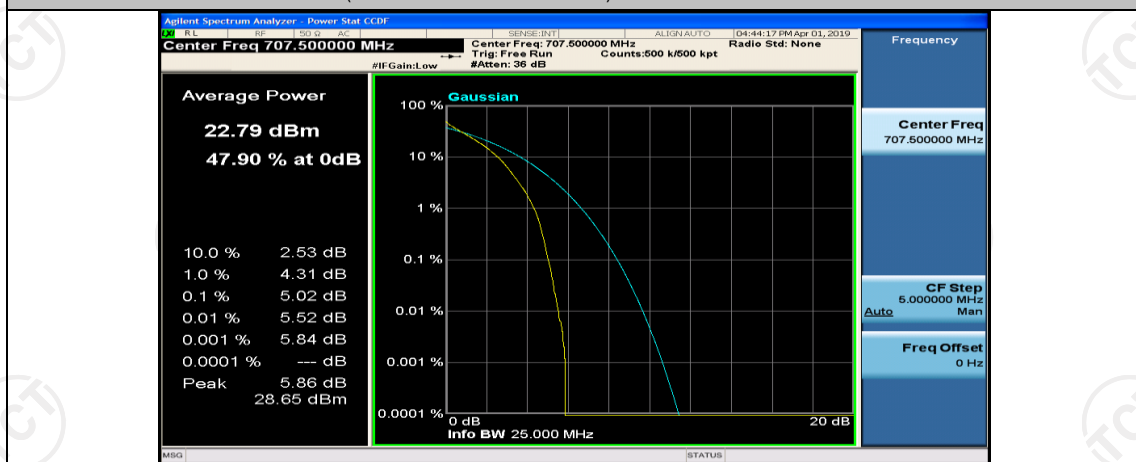


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

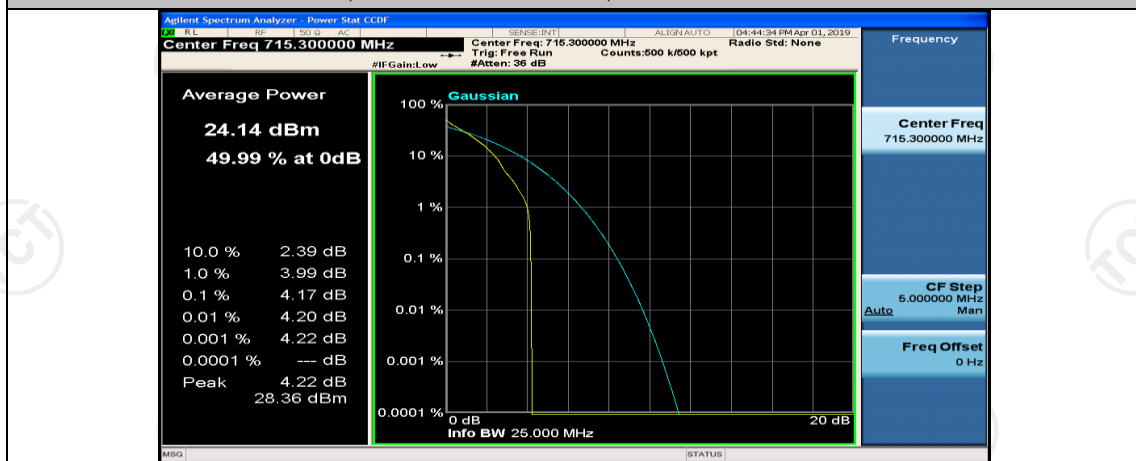




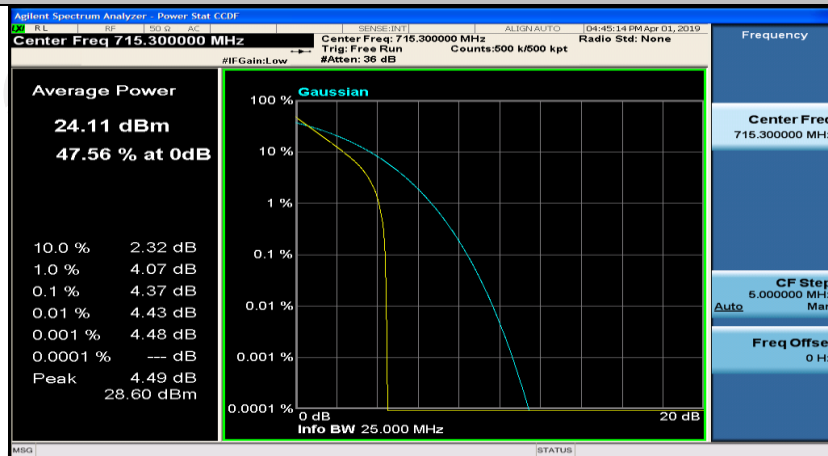
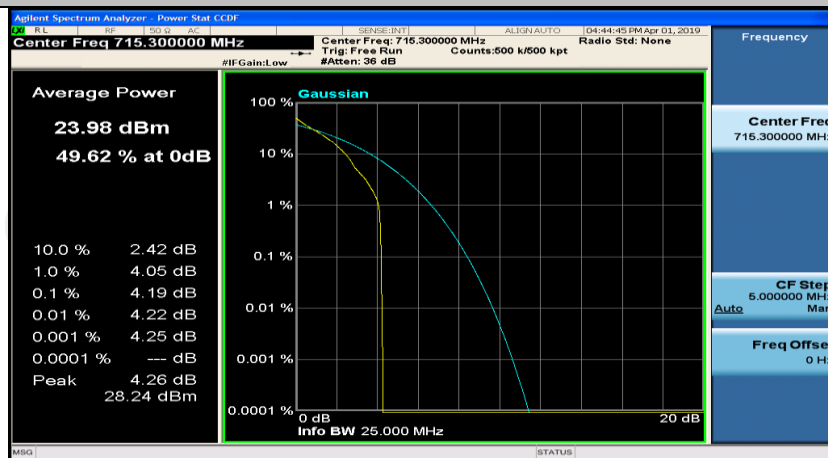
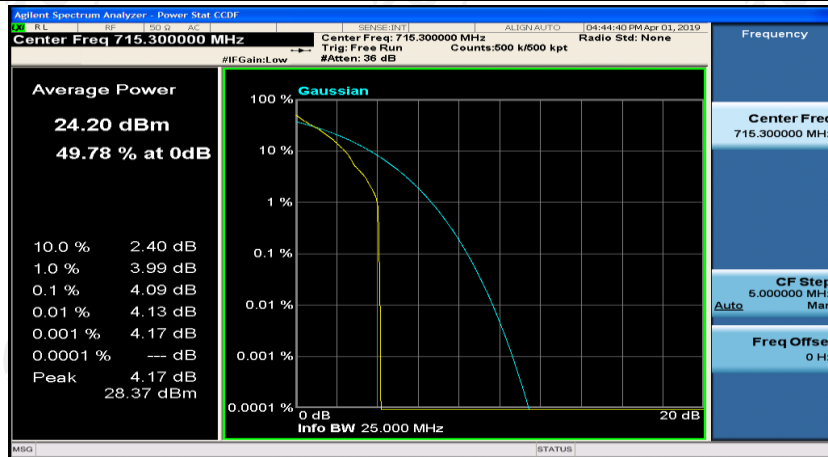
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0

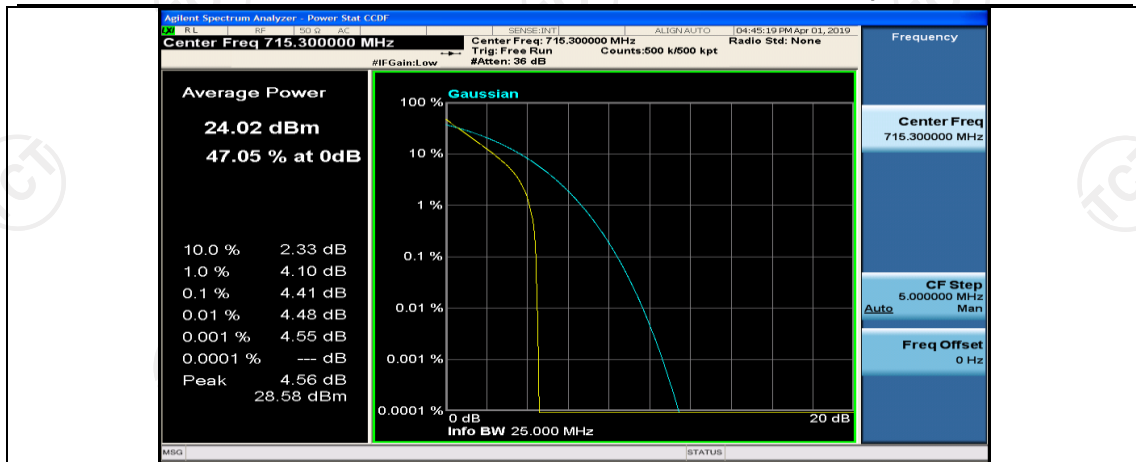


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

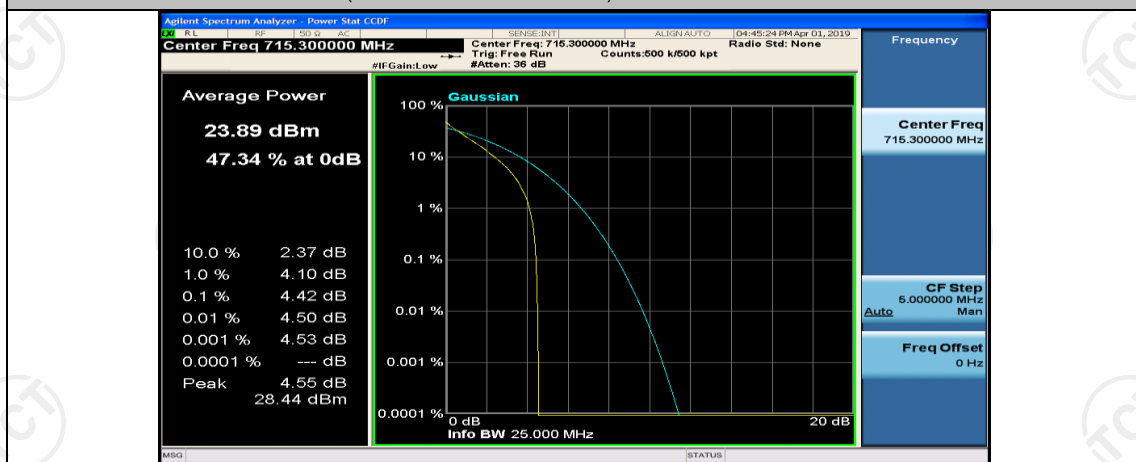


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3

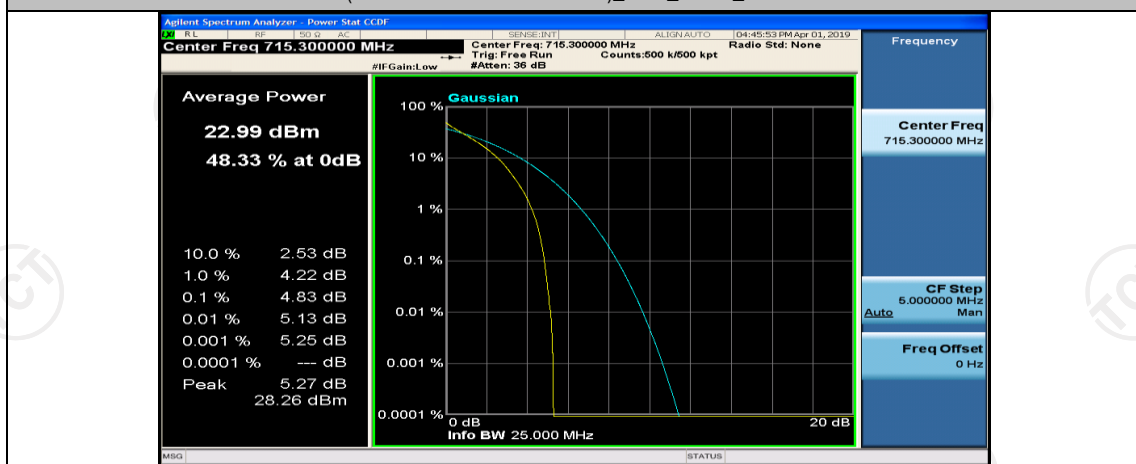




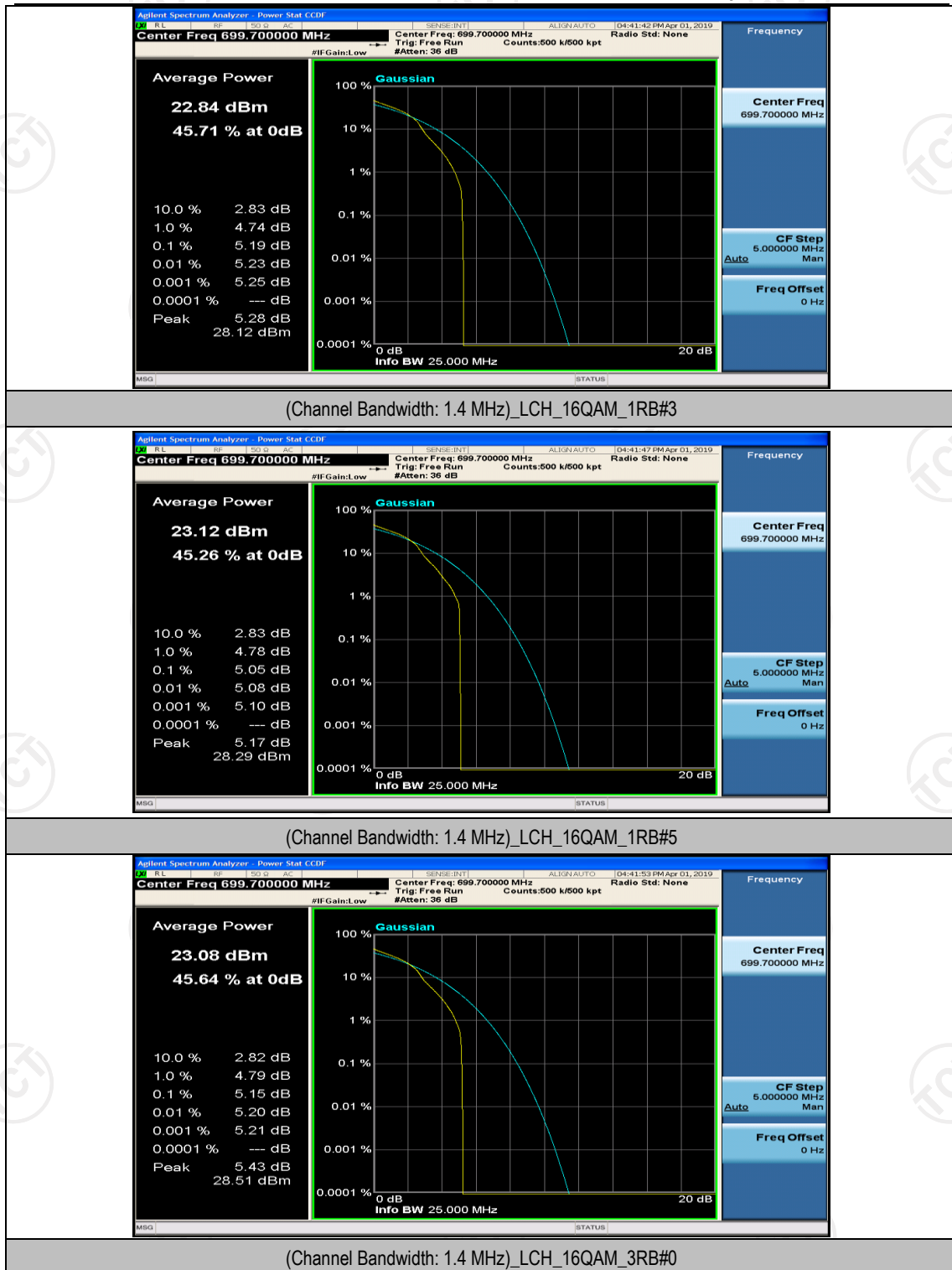
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3

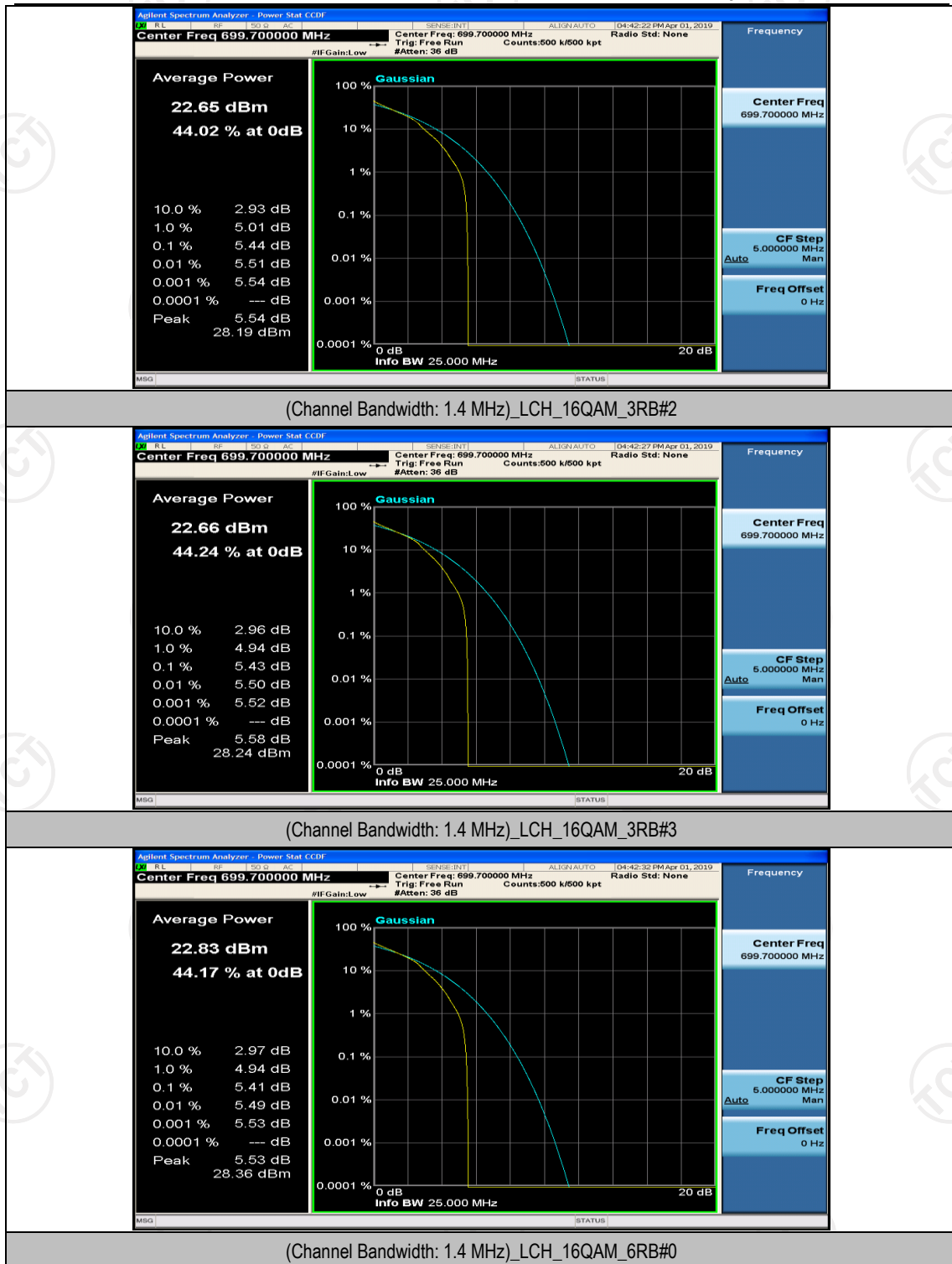


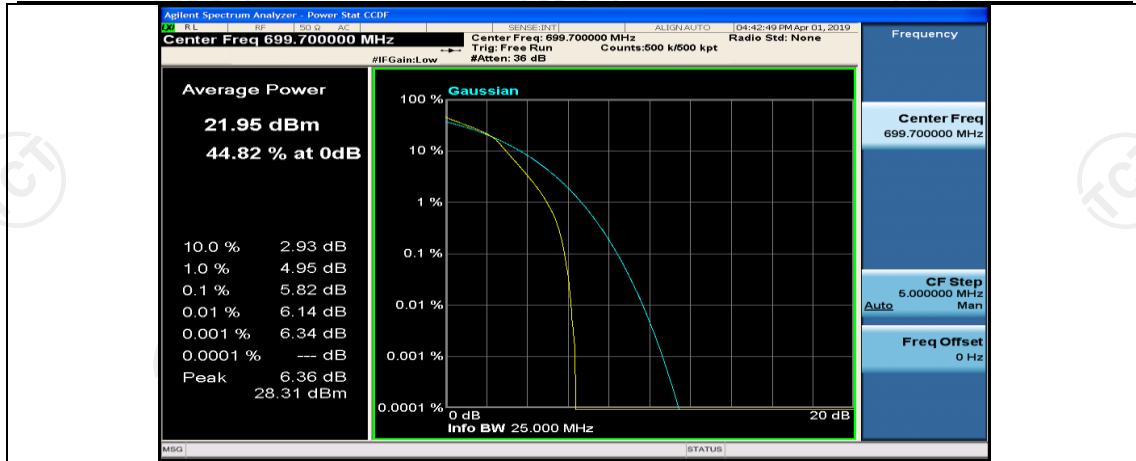
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



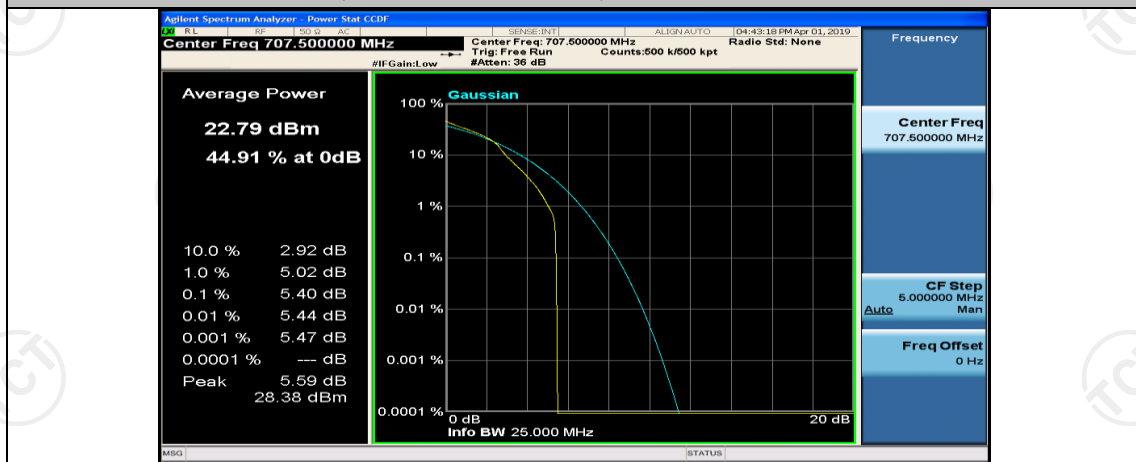
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



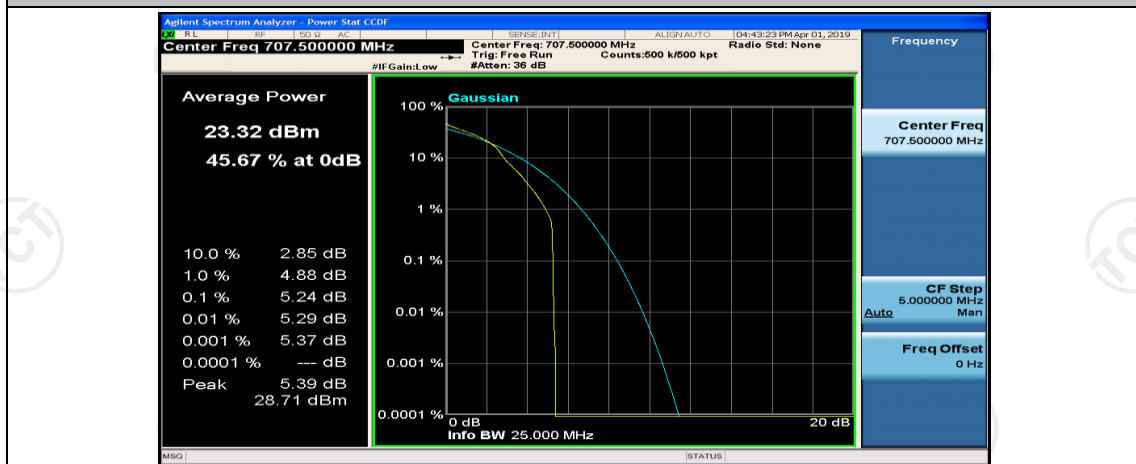




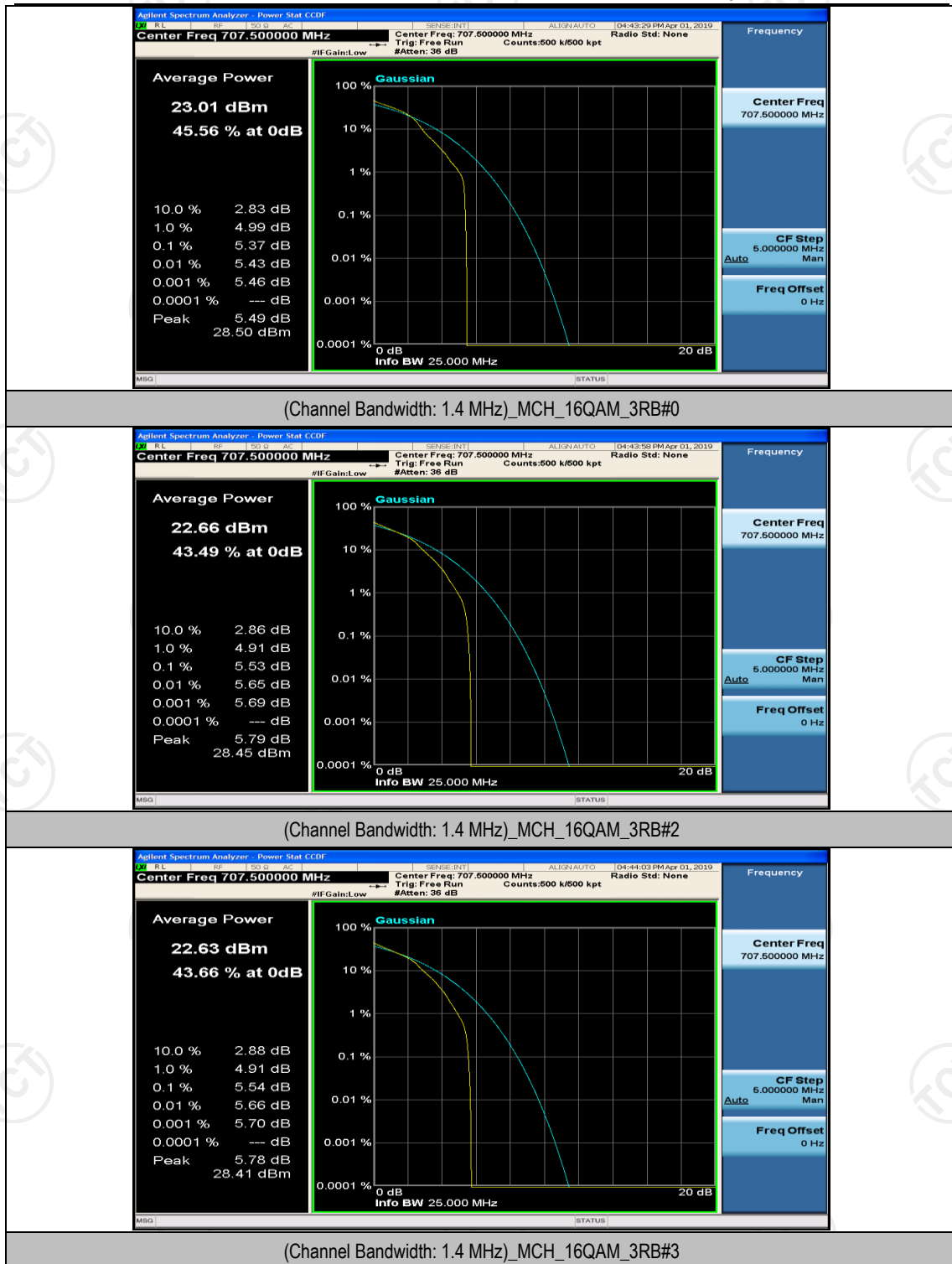
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

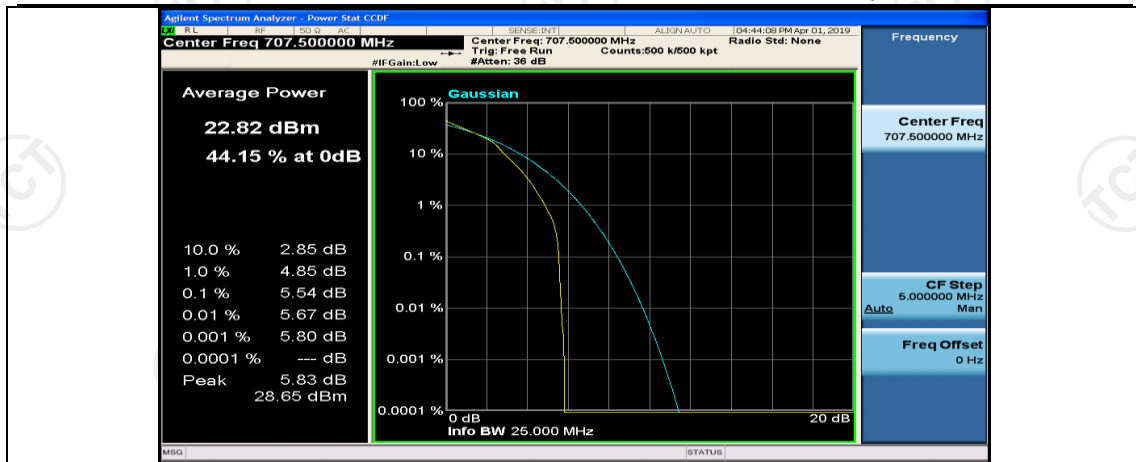


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

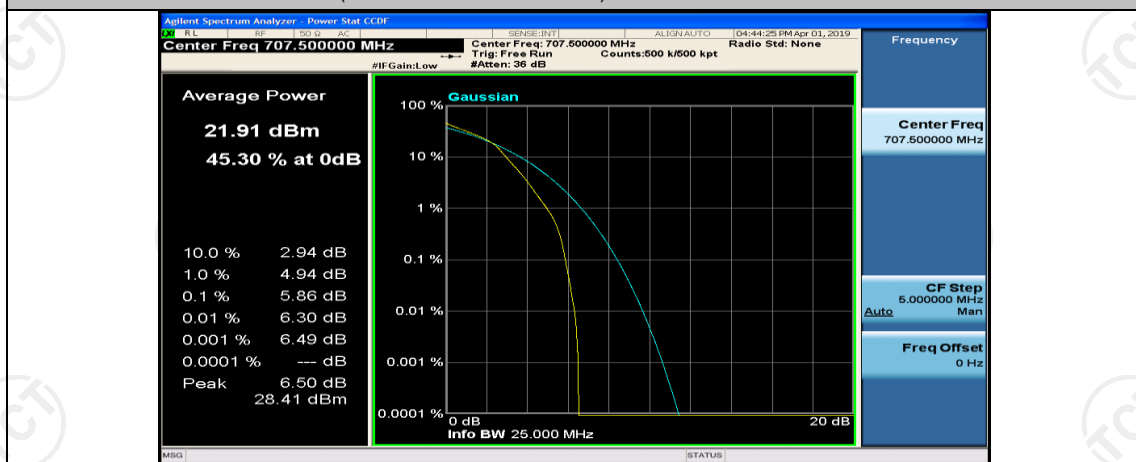


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5

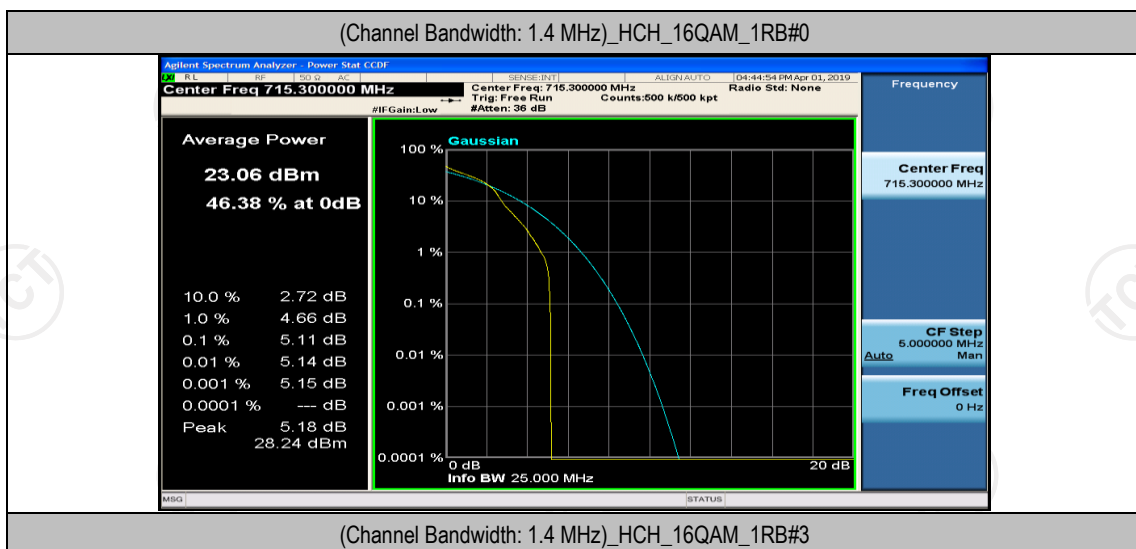




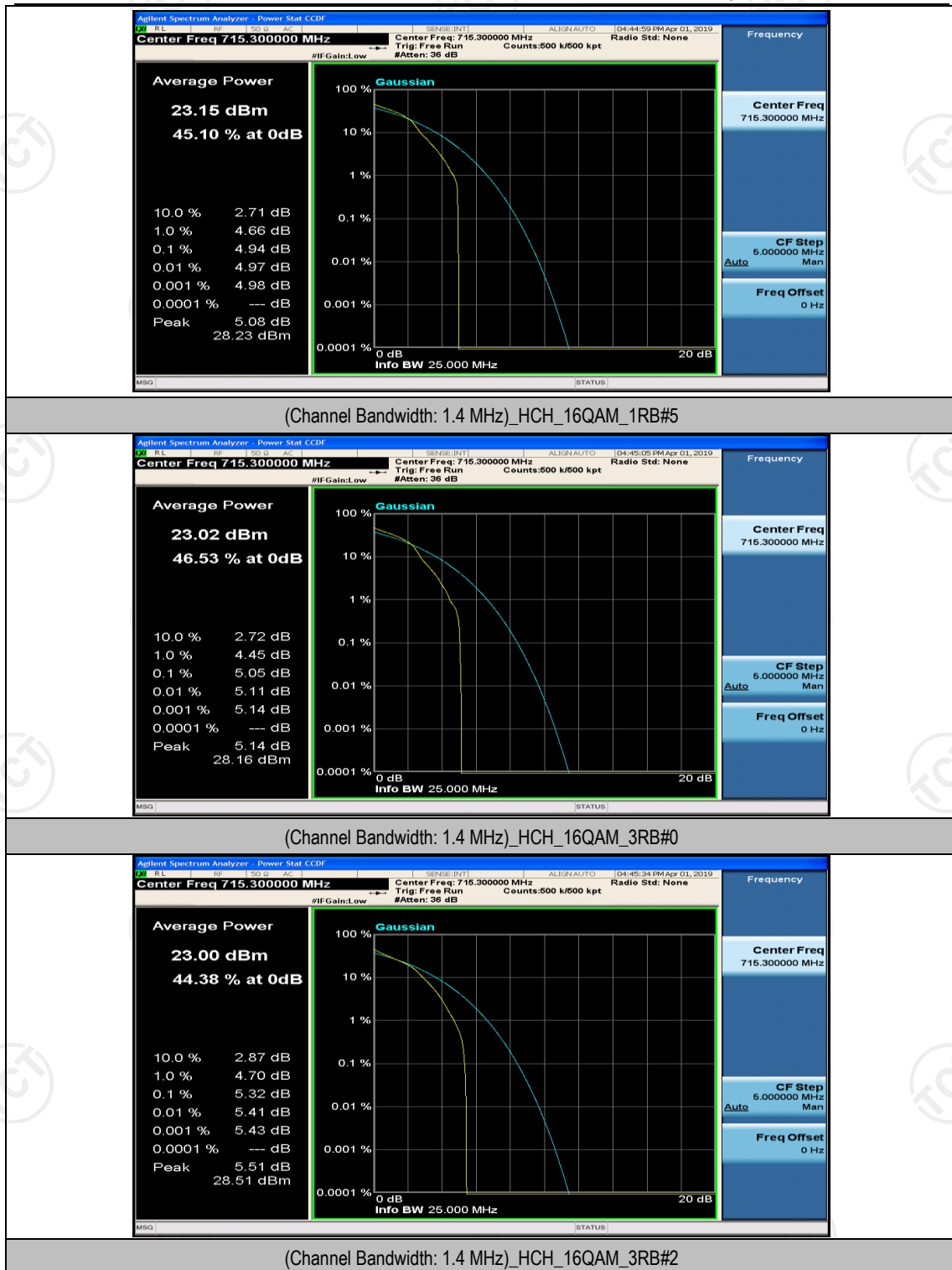
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0

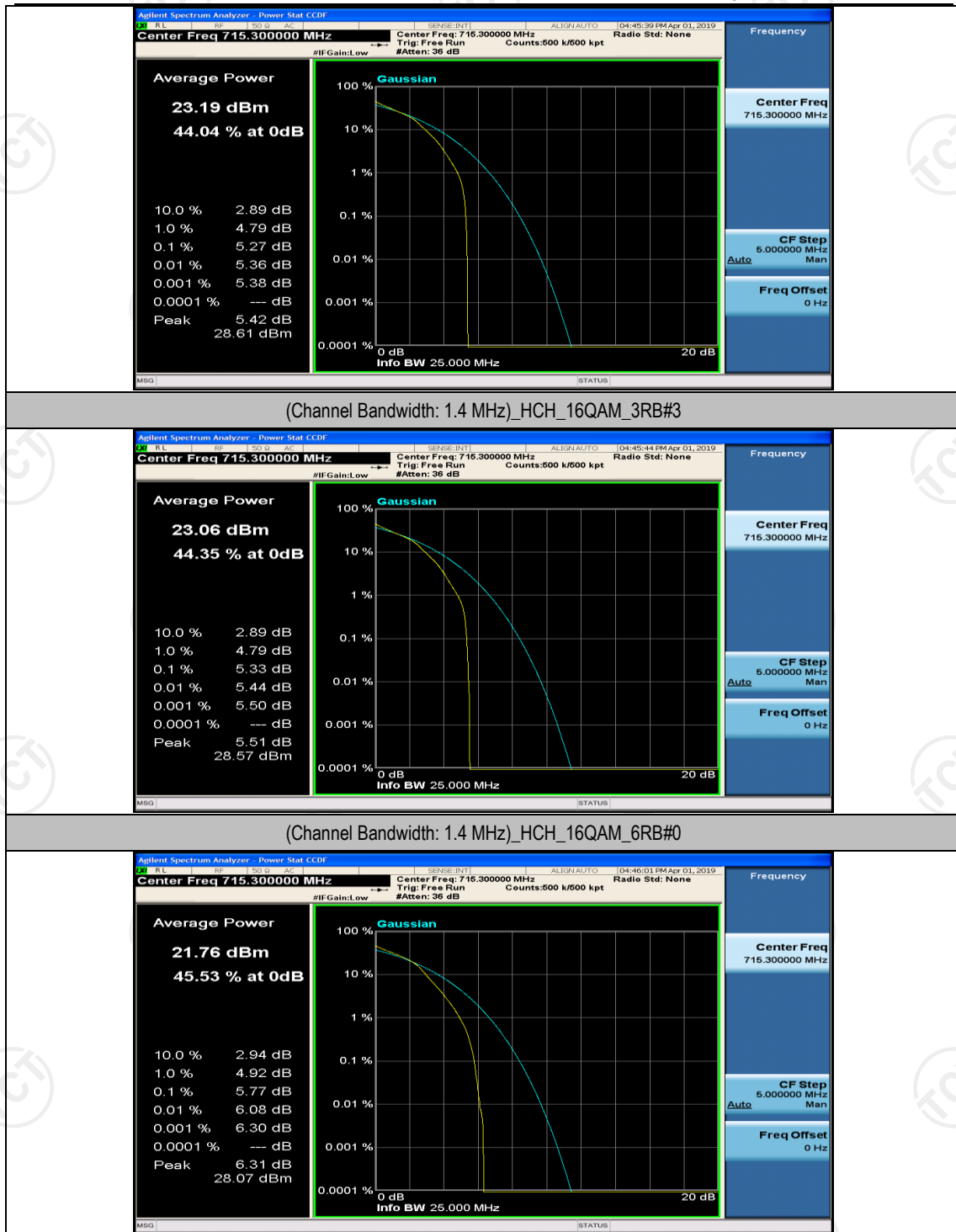


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



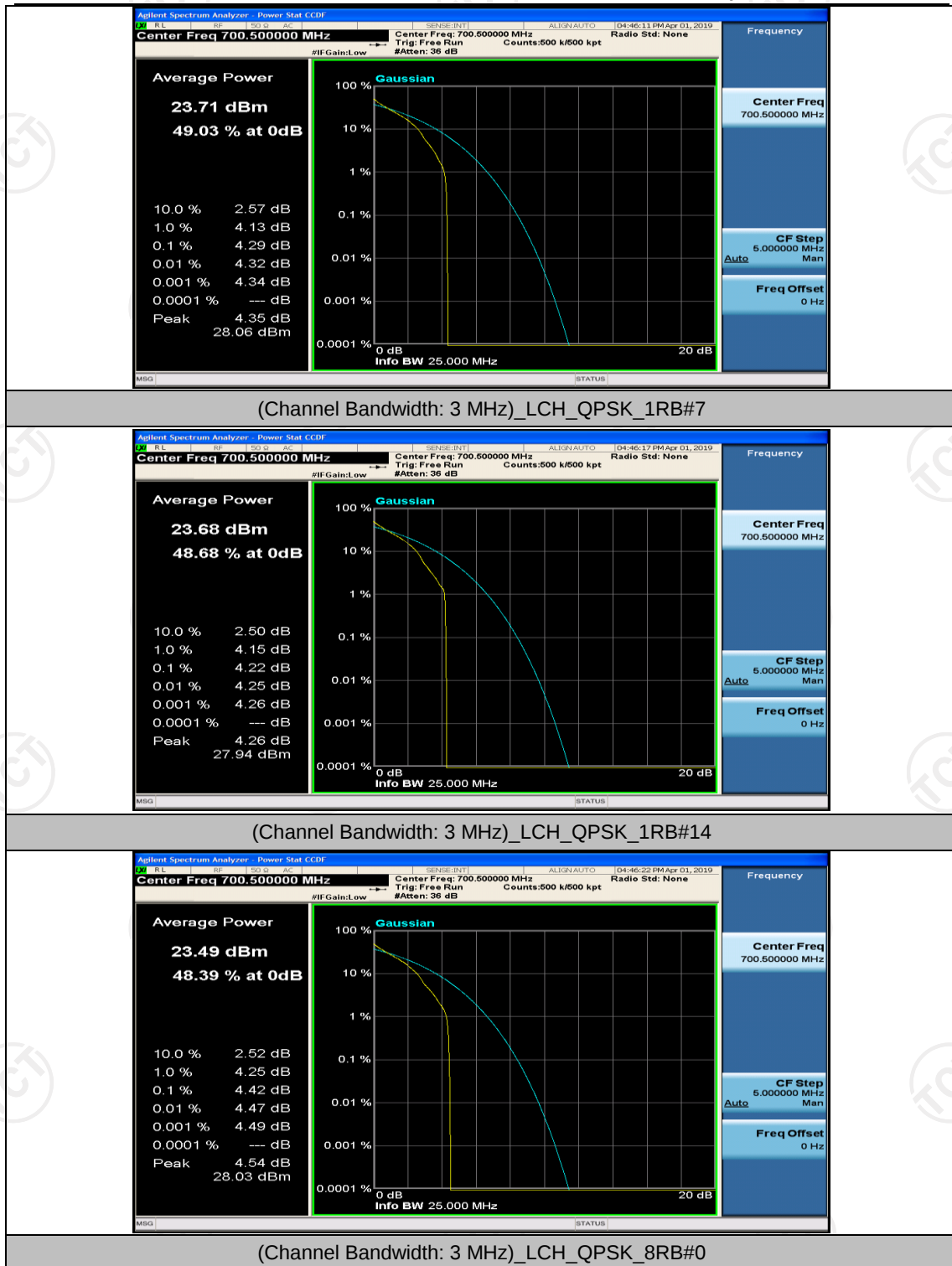
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3

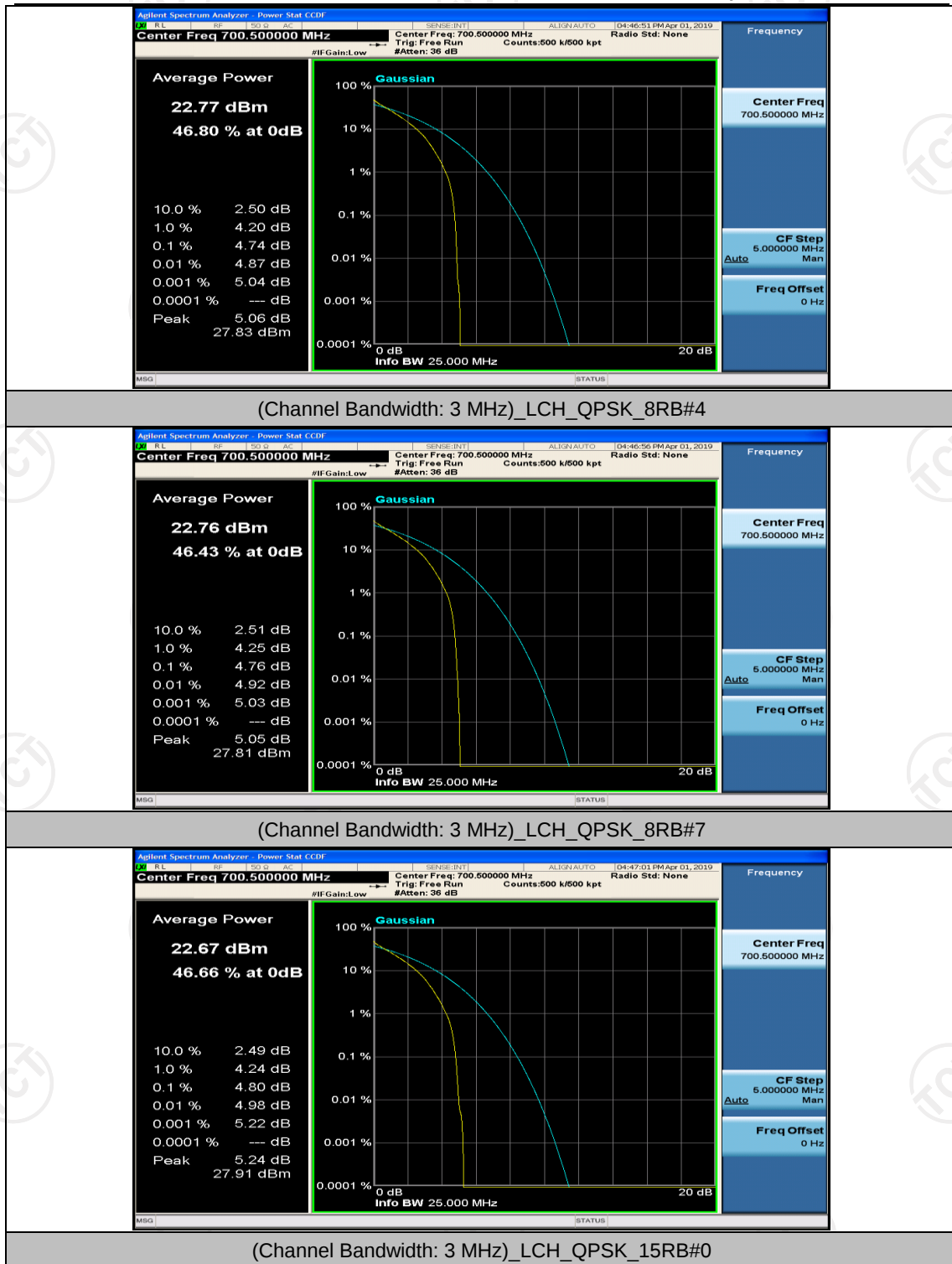


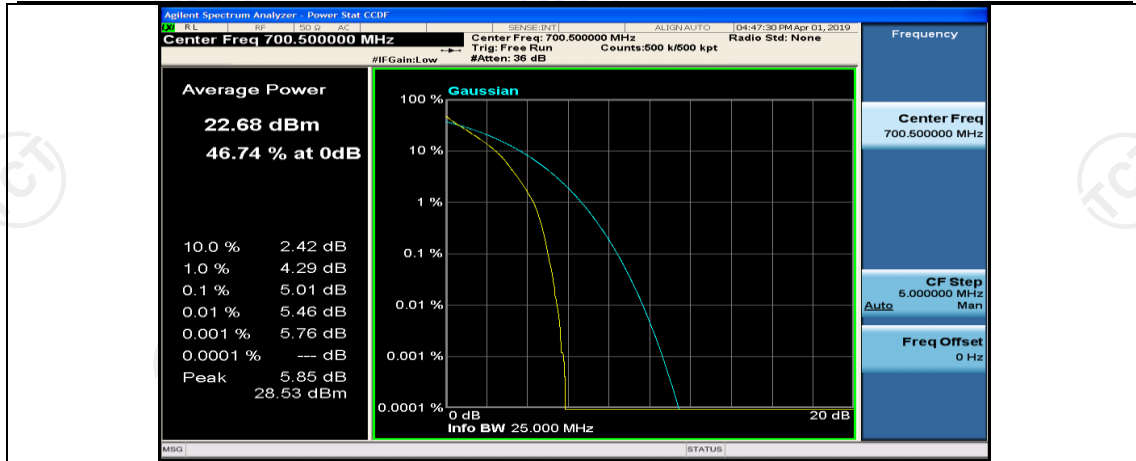


Channel Bandwidth: 3 MHz

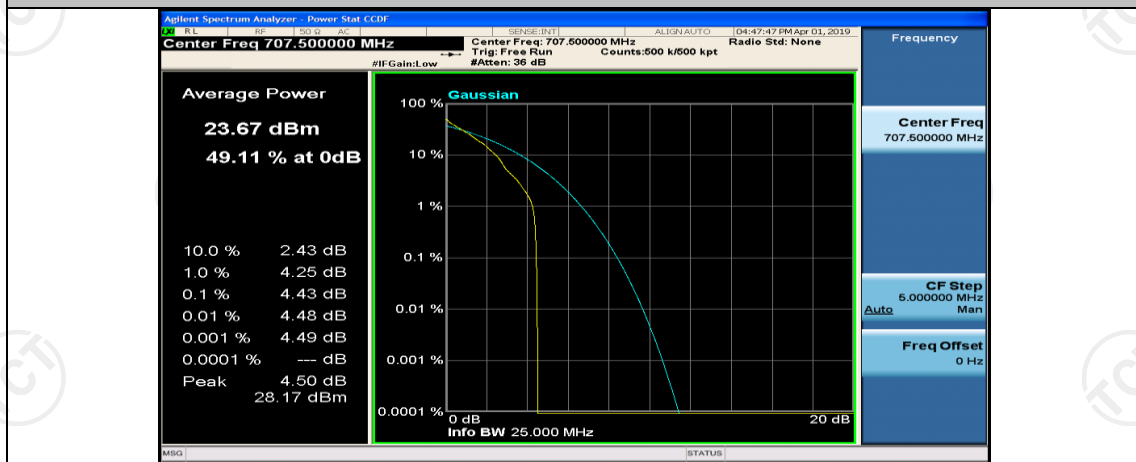
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



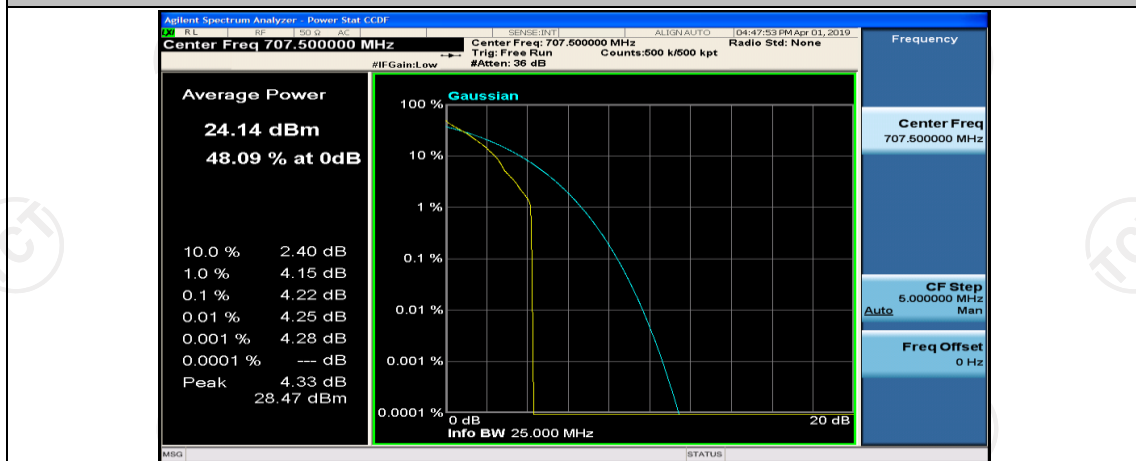




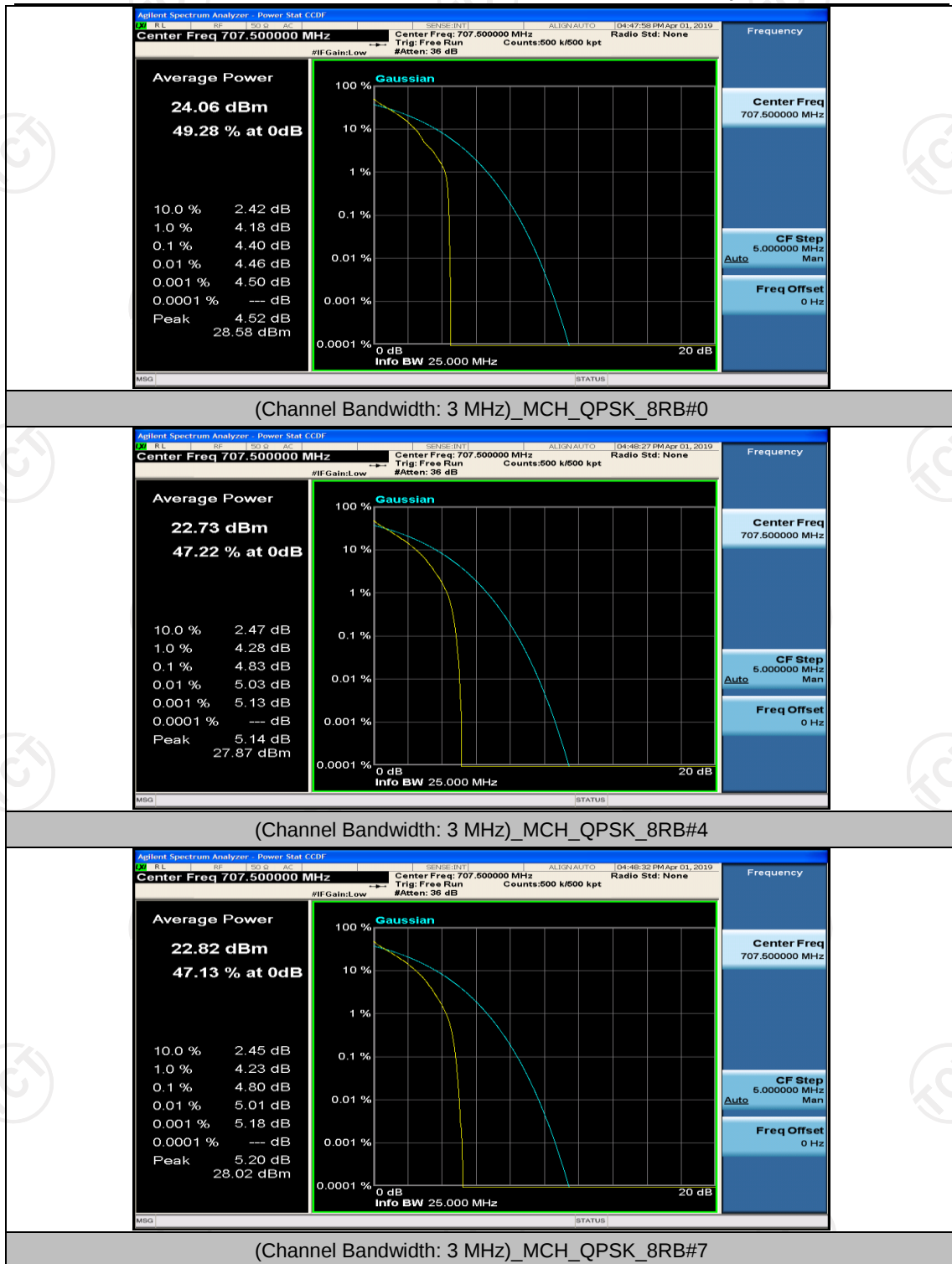
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

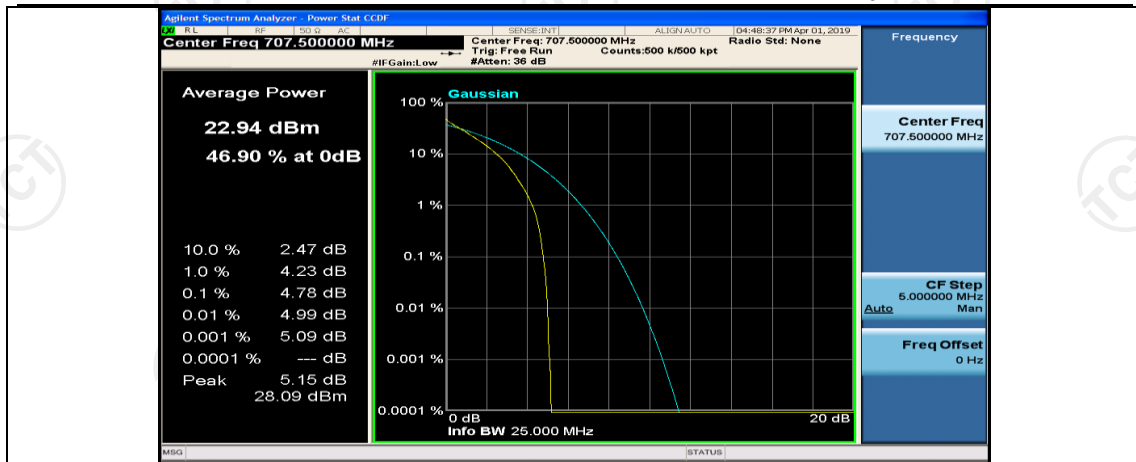


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

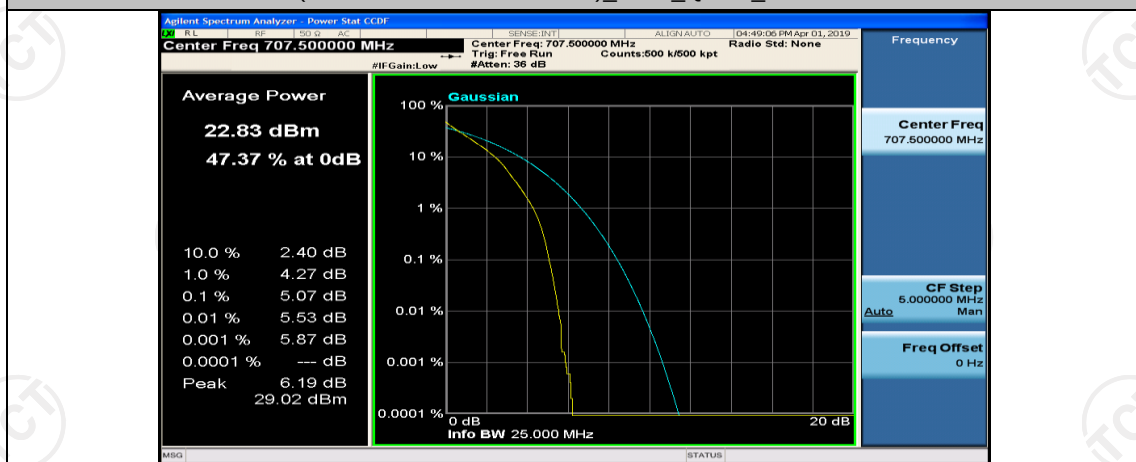


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

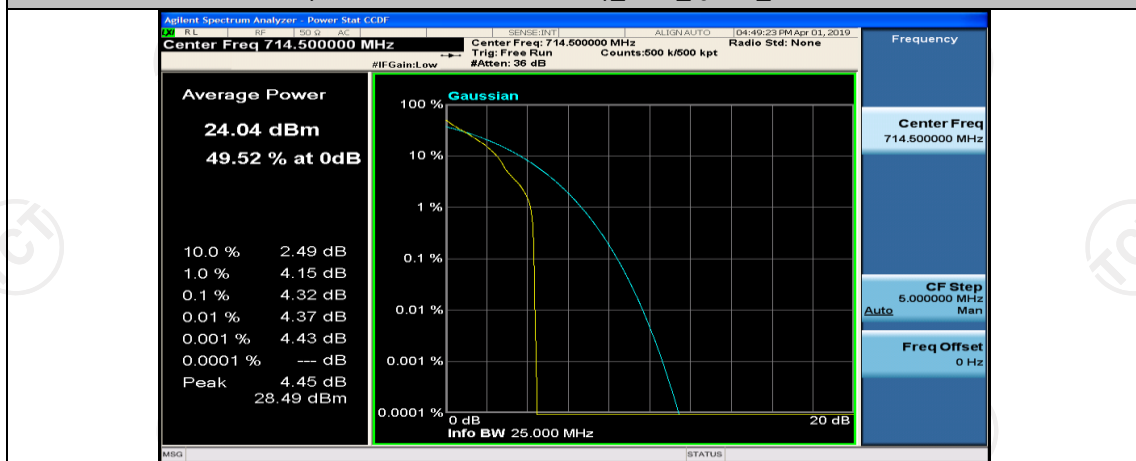




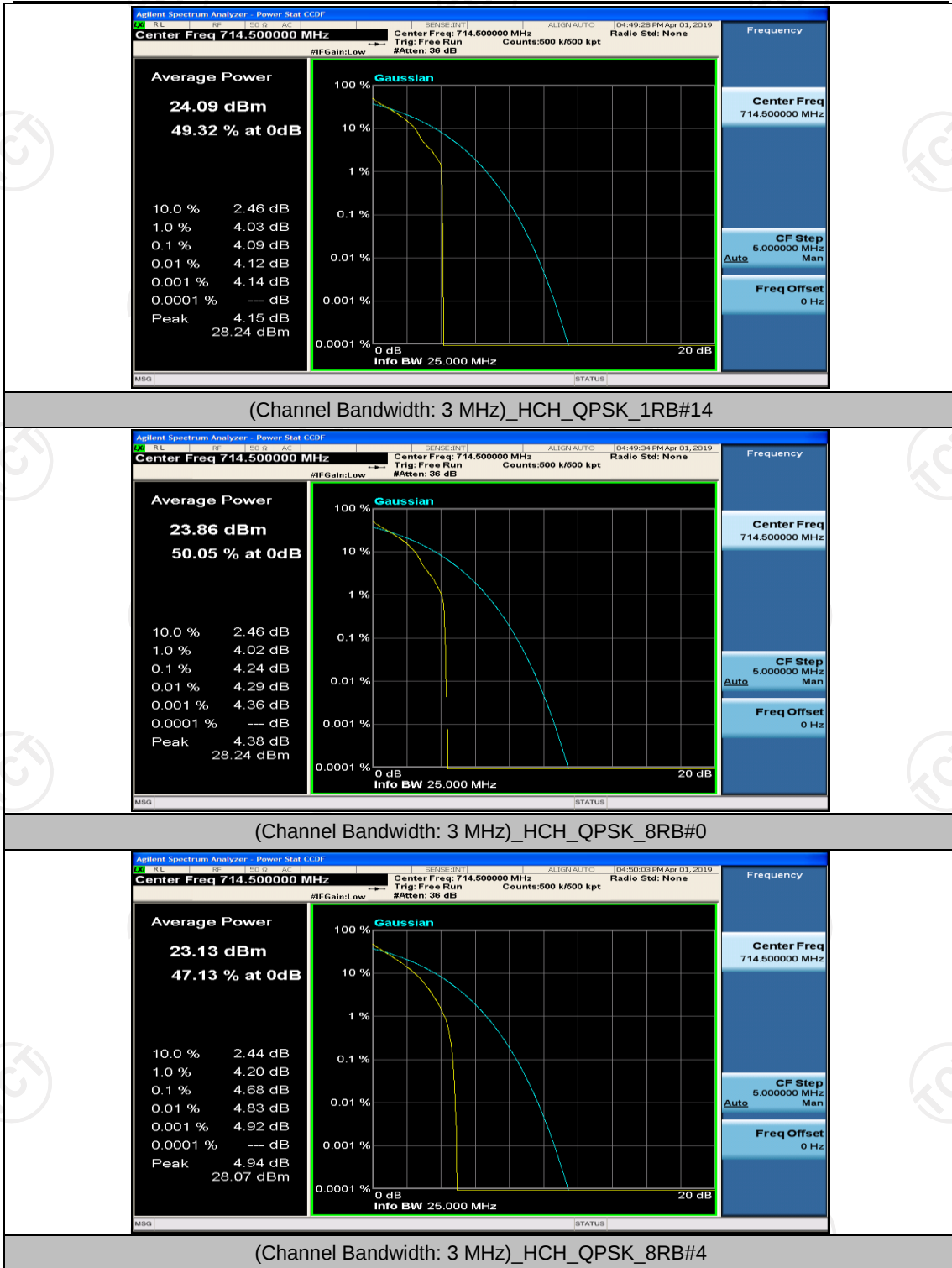
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0

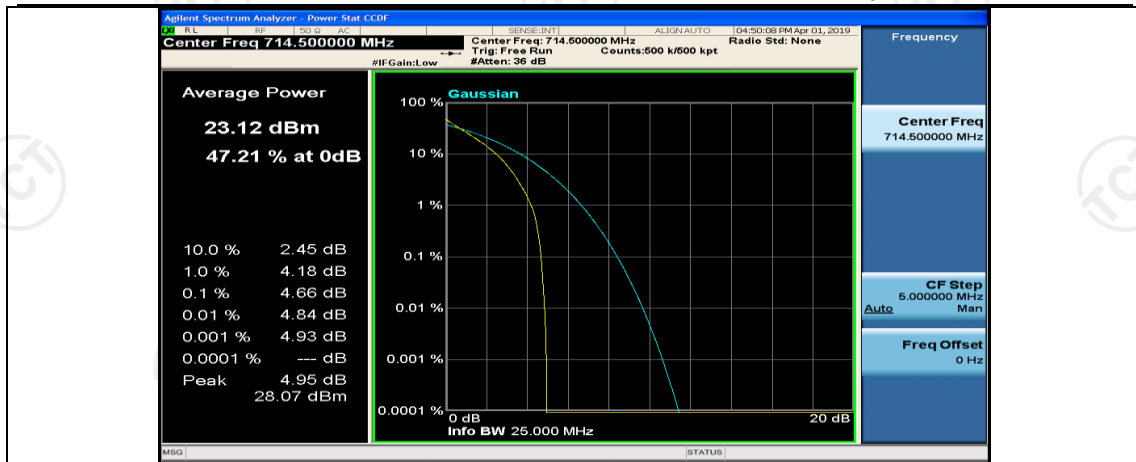


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

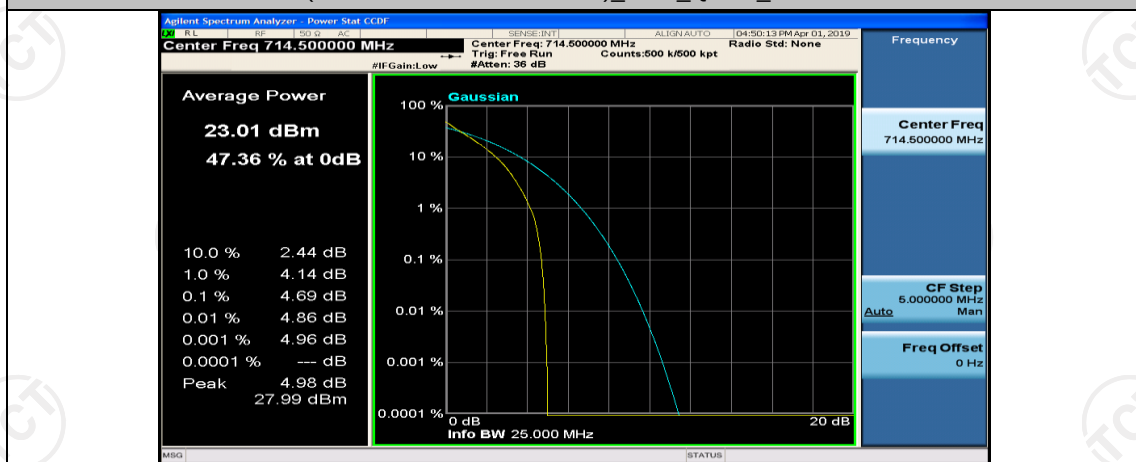


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7

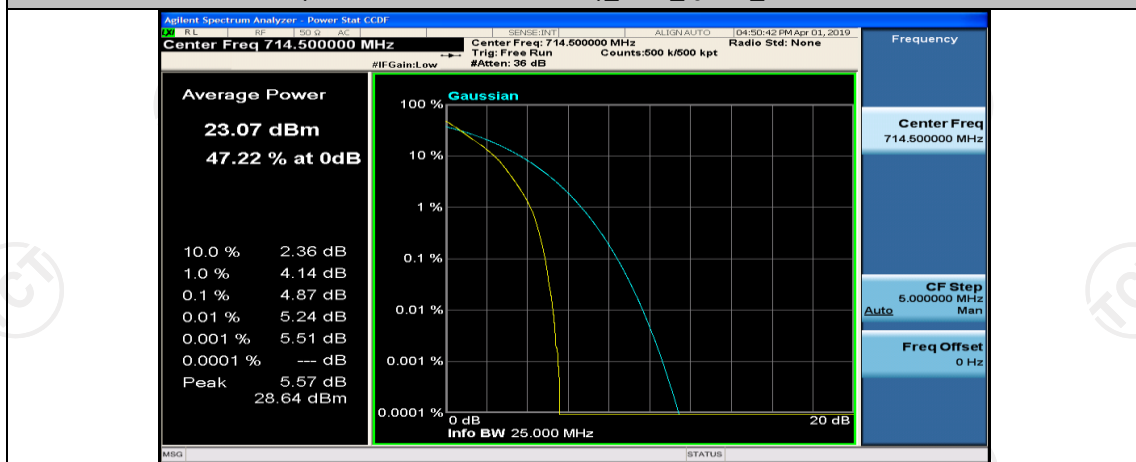




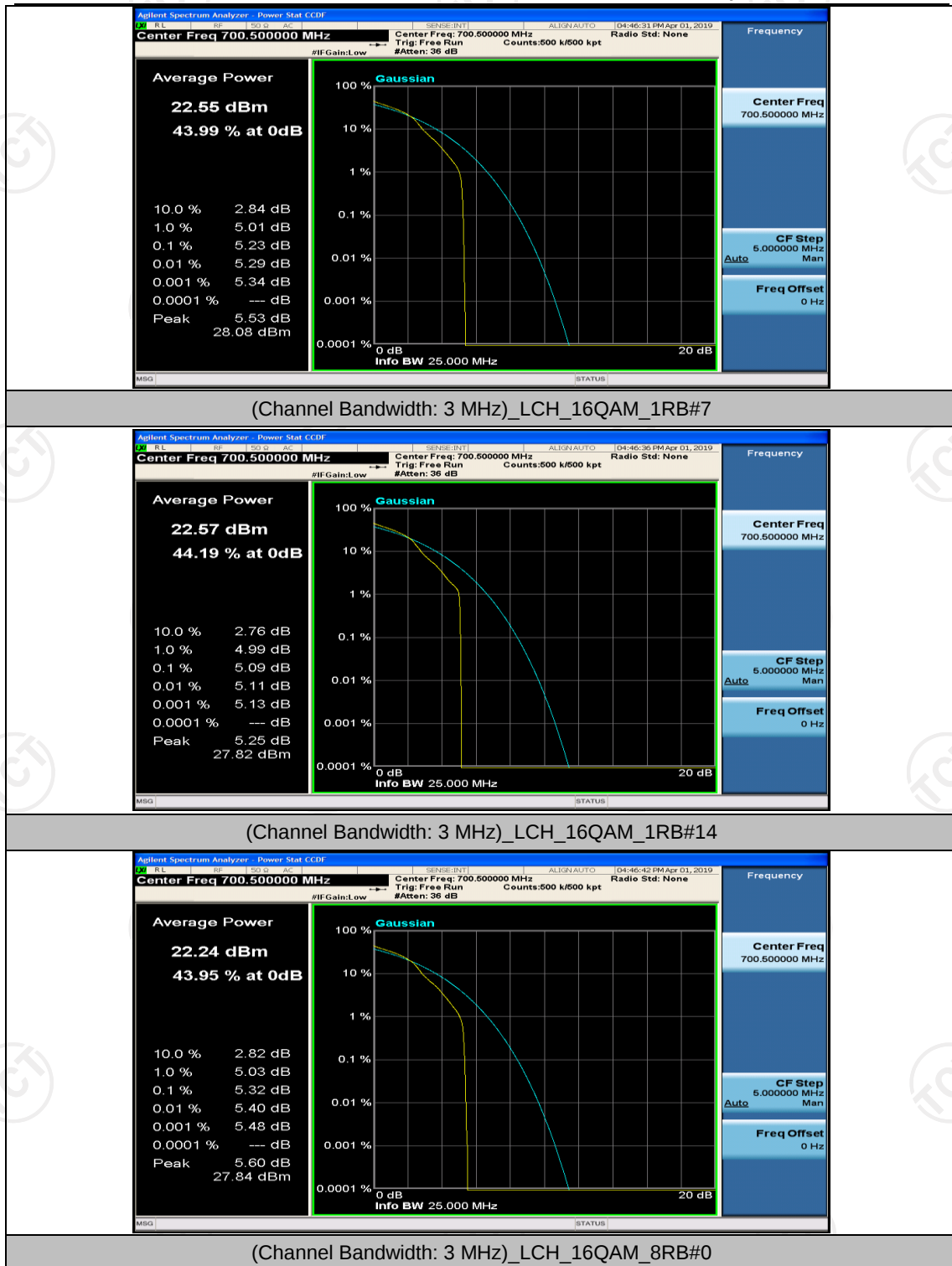
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7

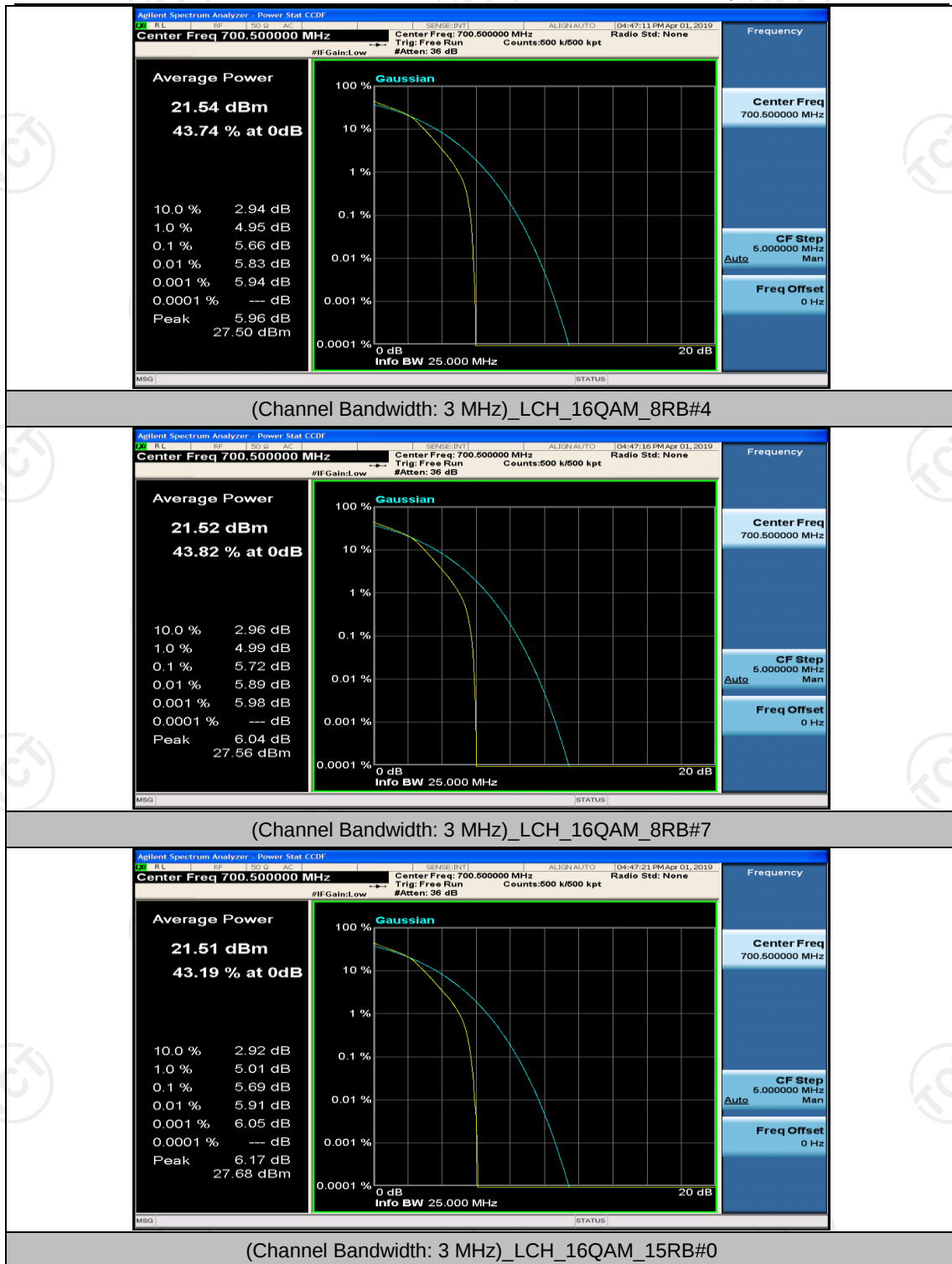


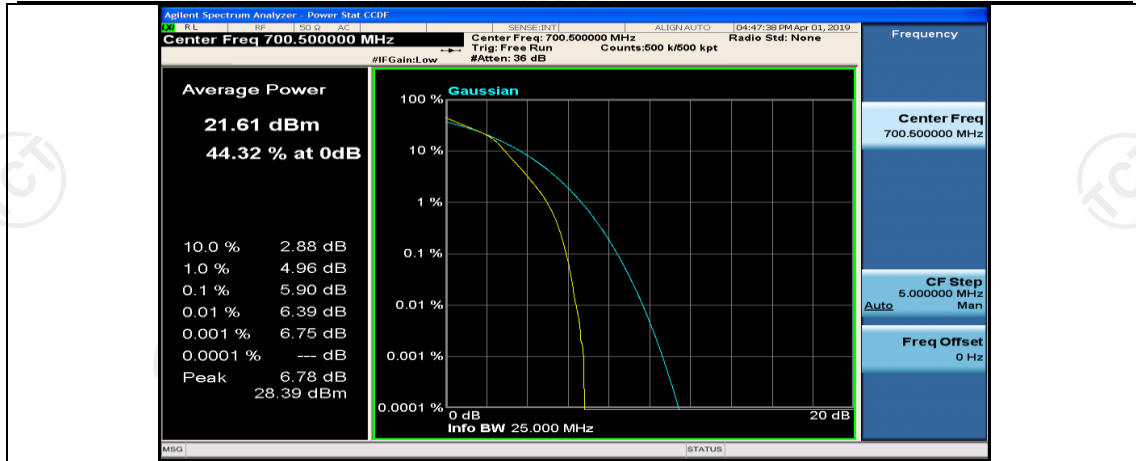
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



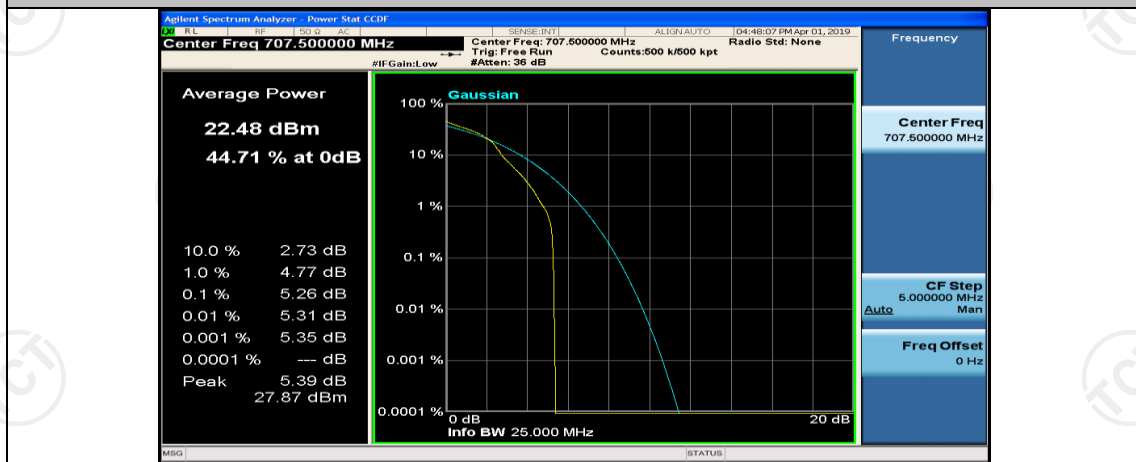
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



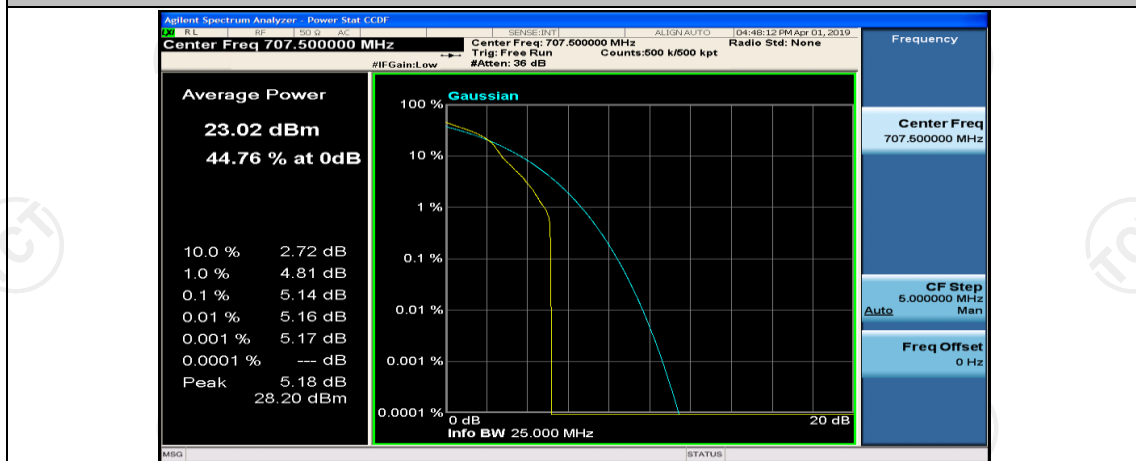




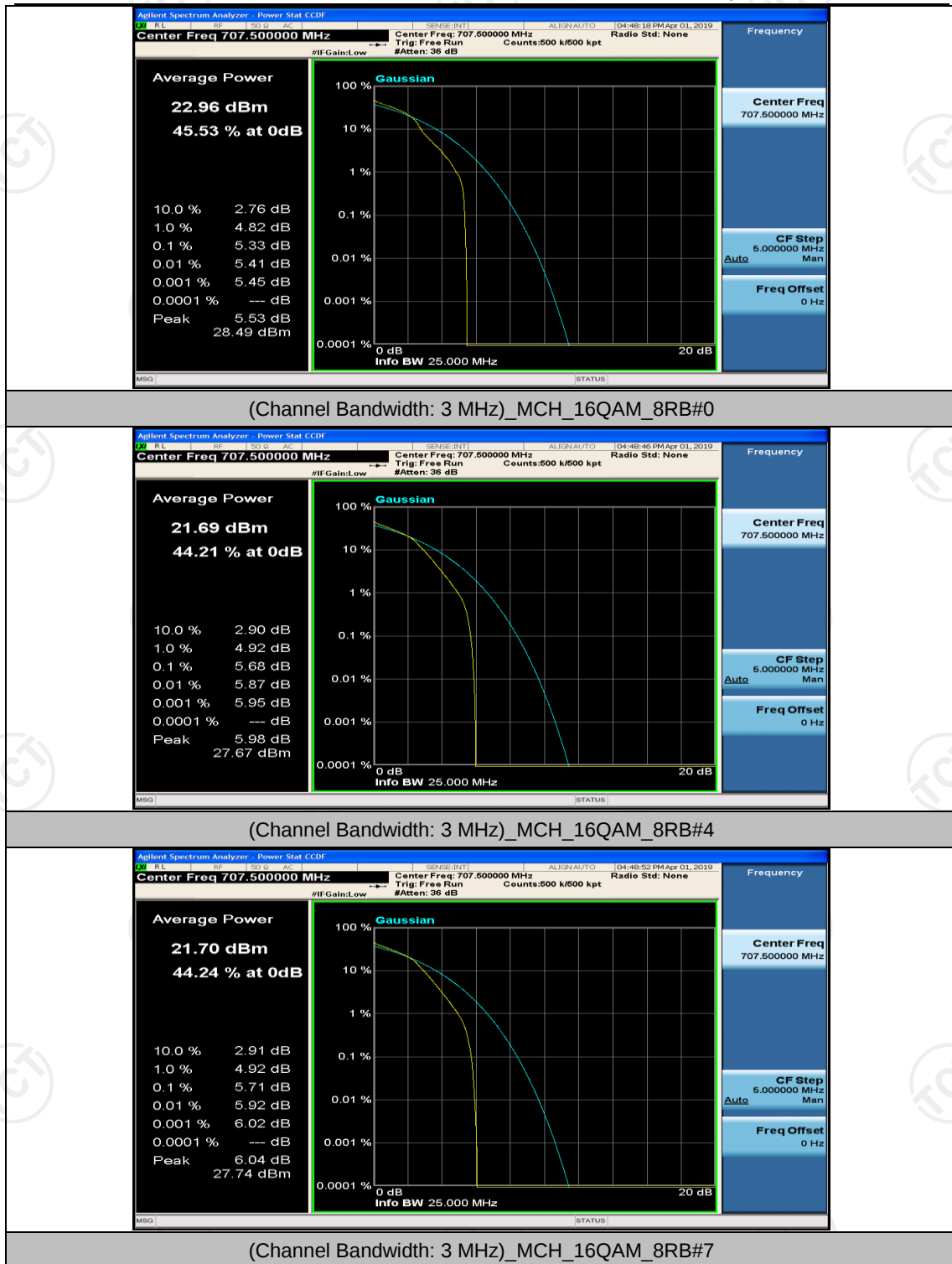
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

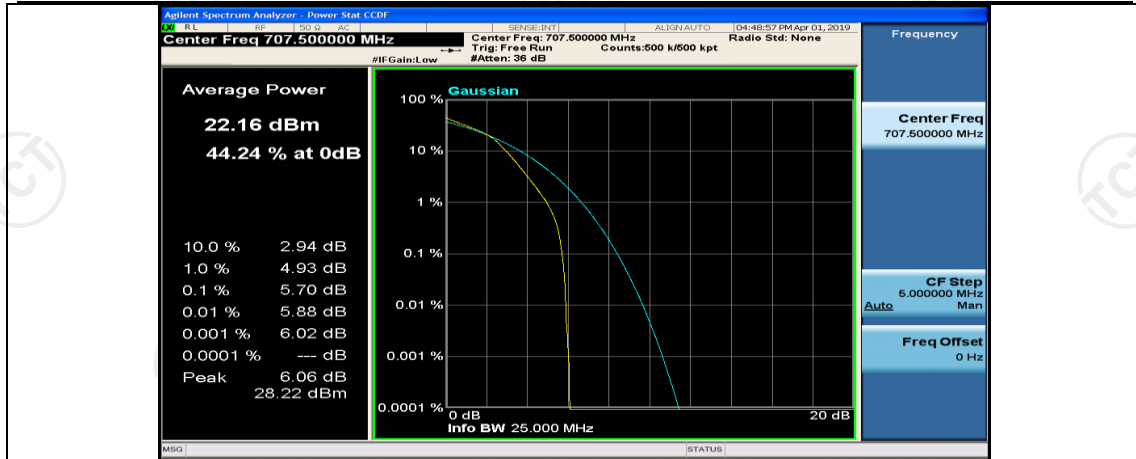


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

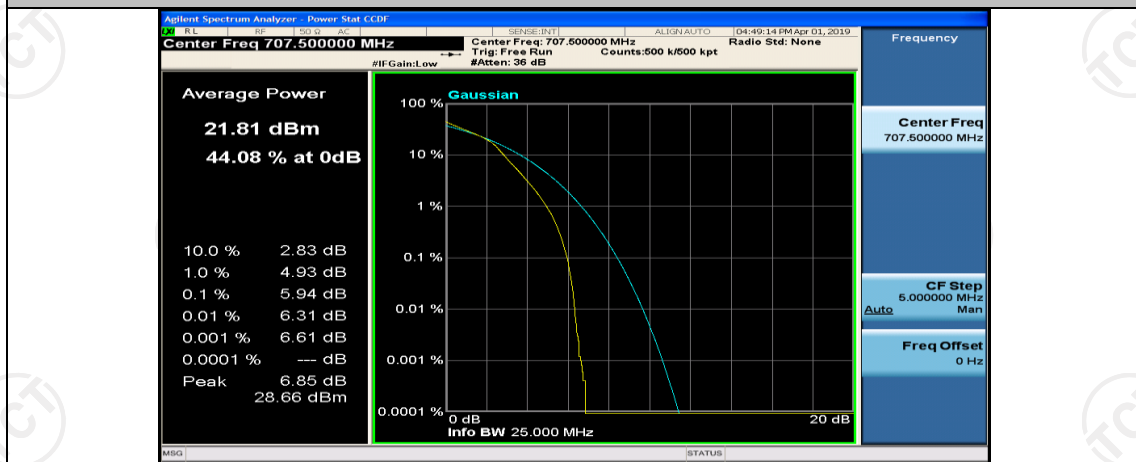


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

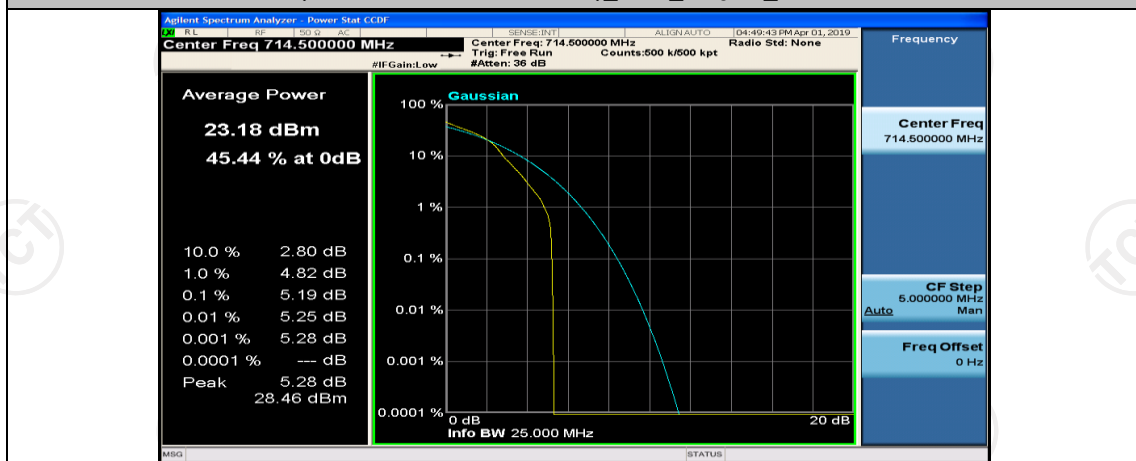




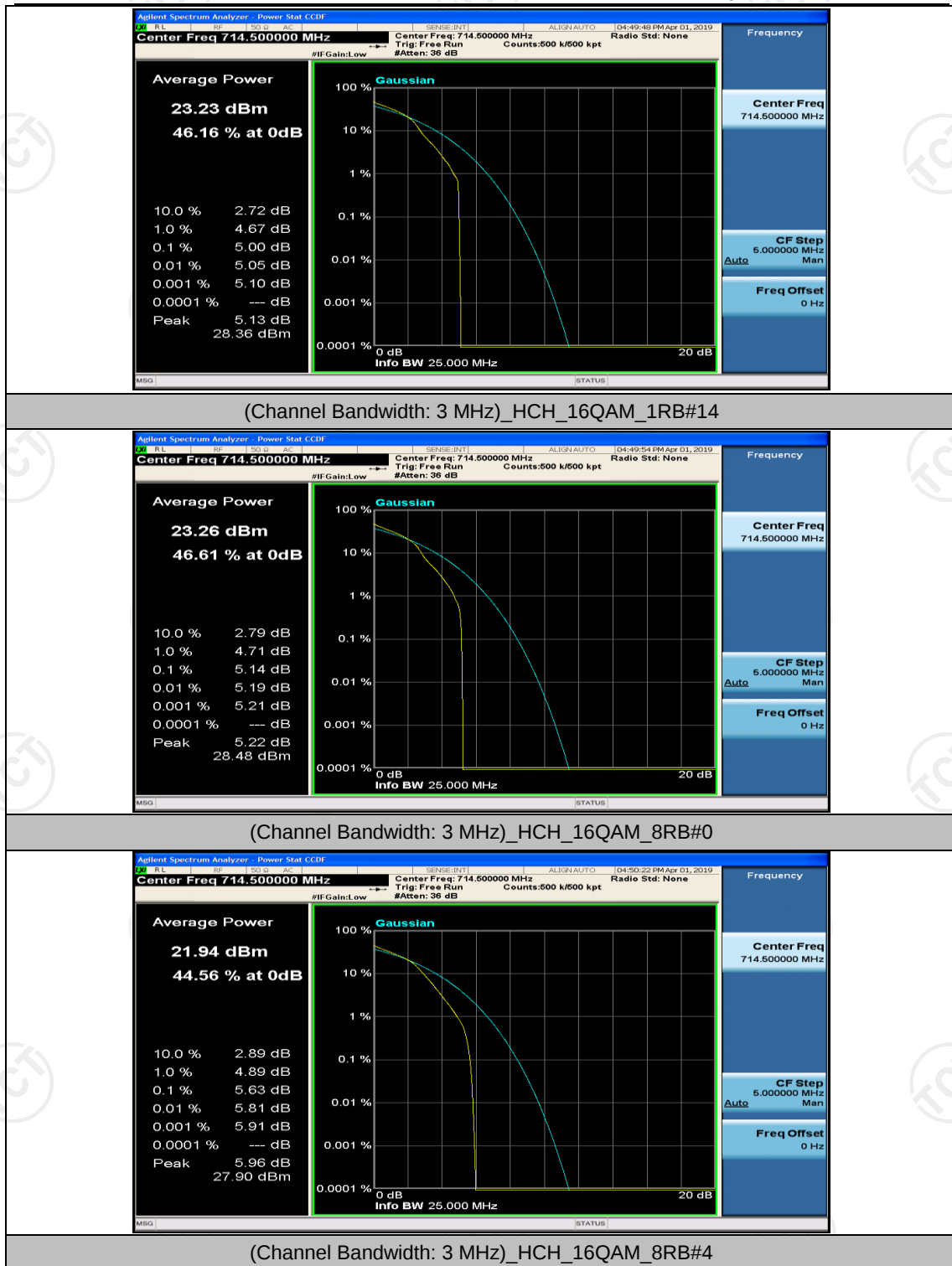
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0

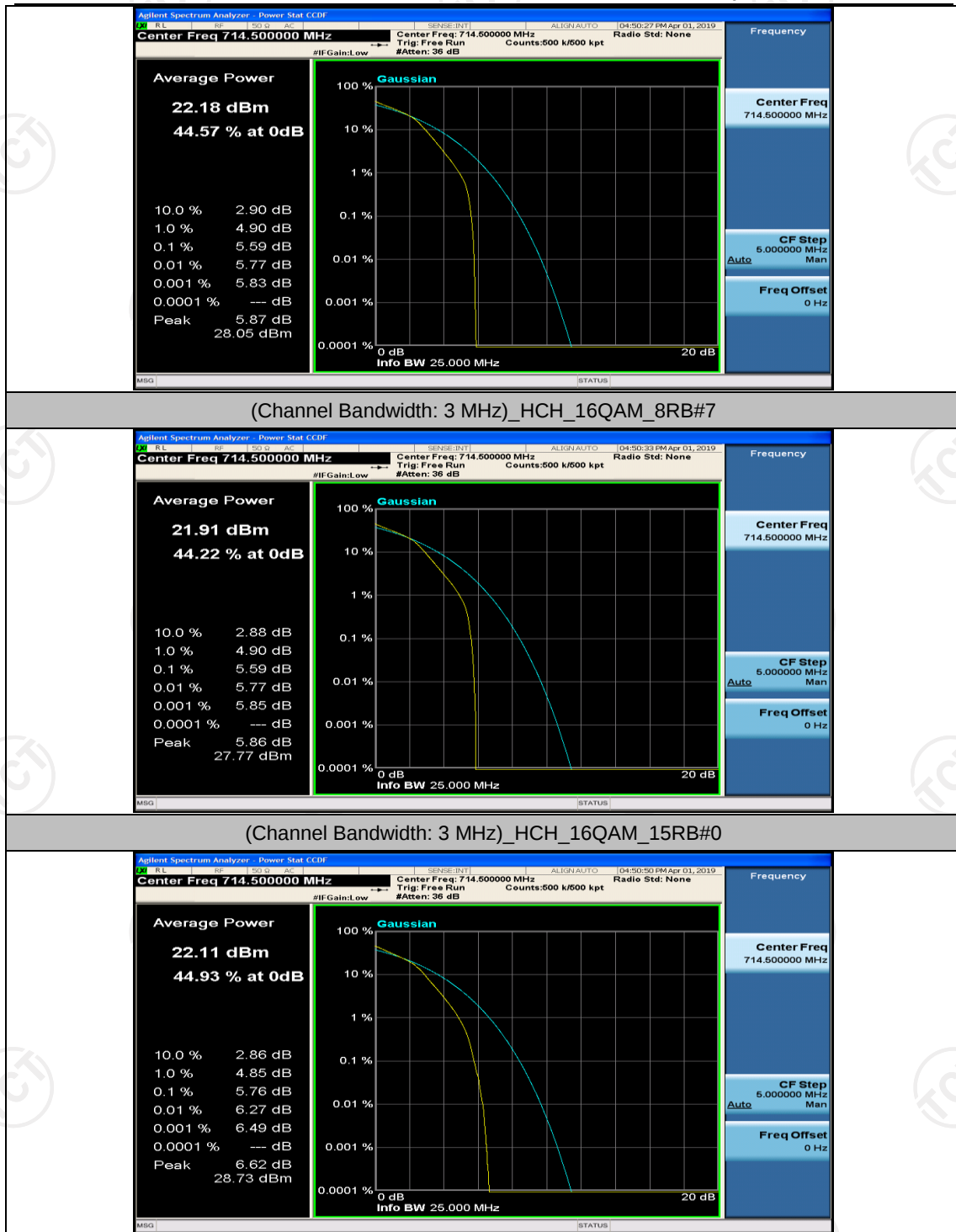


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7





Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

