

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		E.i.r.p [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.34	21.19	PASS
		1	3	23.49	21.34	PASS
		1	5	23.44	21.29	PASS
		3	0	23.20	21.05	PASS
		3	2	23.19	21.04	PASS
		3	3	23.29	21.14	PASS
		6	0	22.11	19.96	PASS
	MCH	1	0	23.18	21.03	PASS
		1	3	23.12	20.97	PASS
		1	5	23.16	21.01	PASS
		3	0	23.13	20.98	PASS
		3	2	23.13	20.98	PASS
		3	3	23.08	20.93	PASS
		6	0	22.27	20.12	PASS
	HCH	1	0	23.18	21.03	PASS
		1	3	23.39	21.24	PASS
		1	5	23.34	21.19	PASS
		3	0	23.29	21.14	PASS
		3	2	23.29	21.14	PASS
		3	3	23.34	21.19	PASS
		6	0	22.35	20.20	PASS
16QAM	LCH	1	0	22.47	20.32	PASS
		1	3	23.03	20.88	PASS
		1	5	22.53	20.38	PASS
		3	0	21.86	19.71	PASS
		3	2	21.99	19.84	PASS
		3	3	22.20	20.05	PASS
		6	0	21.30	19.15	PASS
	MCH	1	0	22.48	20.33	PASS
		1	3	22.39	20.24	PASS
		1	5	22.00	19.85	PASS
		3	0	22.13	19.98	PASS
		3	2	22.13	19.98	PASS

		3	3	21.98	19.83	PASS
		6	0	21.14	18.99	PASS
	HCH	1	0	22.32	20.17	PASS
		1	3	22.63	20.48	PASS
		1	5	22.48	20.33	PASS
		3	0	22.10	19.95	PASS
		3	2	22.03	19.88	PASS
		3	3	22.12	19.97	PASS
		6	0	21.47	19.32	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		E.i.r.p [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.22	21.07	PASS
		1	7	23.32	21.17	PASS
		1	14	23.52	21.37	PASS
		8	0	22.08	19.93	PASS
		8	4	22.08	19.93	PASS
		8	7	22.49	20.34	PASS
		15	0	22.26	20.11	PASS
	MCH	1	0	23.29	21.14	PASS
		1	7	22.96	20.81	PASS
		1	14	22.90	20.75	PASS
		8	0	22.44	20.29	PASS
		8	4	22.34	20.19	PASS
		8	7	22.04	19.89	PASS
		15	0	22.18	20.03	PASS
	HCH	1	0	23.27	21.12	PASS
		1	7	23.55	21.40	PASS
		1	14	23.61	21.46	PASS
		8	0	22.30	20.15	PASS
		8	4	22.30	20.15	PASS
		8	7	22.49	20.34	PASS
		15	0	22.32	20.17	PASS
16QAM	LCH	1	0	21.64	19.49	PASS
		1	7	22.27	20.12	PASS
		1	14	22.86	20.71	PASS
		8	0	20.99	18.84	PASS
		8	4	21.21	19.06	PASS
		8	7	21.59	19.44	PASS

	MCH	15	0	21.31	19.16	PASS
		1	0	22.37	20.22	PASS
		1	7	21.88	19.73	PASS
		1	14	21.72	19.57	PASS
		8	0	21.58	19.43	PASS
		8	4	21.58	19.43	PASS
		8	7	20.96	18.81	PASS
		15	0	21.26	19.11	PASS
	HCH	1	0	22.68	20.53	PASS
		1	7	23.14	20.99	PASS
		1	14	23.19	21.04	PASS
		8	0	21.10	18.95	PASS
		8	4	21.10	18.95	PASS
		8	7	21.52	19.37	PASS
		15	0	21.44	19.29	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		E.i.r.p [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.17	21.02	PASS
		1	12	23.74	21.59	PASS
		1	24	23.57	21.42	PASS
		12	0	22.21	20.06	PASS
		12	6	22.21	20.06	PASS
		12	13	22.69	20.54	PASS
		25	0	22.21	20.06	PASS
	MCH	1	0	23.39	21.24	PASS
		1	12	22.95	20.80	PASS
		1	24	22.92	20.77	PASS
		12	0	22.35	20.20	PASS
		12	6	22.37	20.22	PASS
		12	13	21.93	19.78	PASS
		25	0	22.36	20.21	PASS
	HCH	1	0	22.92	20.77	PASS
		1	12	23.83	21.68	PASS
		1	24	23.40	21.25	PASS
		12	0	22.30	20.15	PASS
		12	6	22.30	20.15	PASS
		12	13	22.59	20.44	PASS
		25	0	22.16	20.01	PASS

16QAM	LCH	1	0	21.65	19.50	PASS
		1	12	22.40	20.25	PASS
		1	24	22.34	20.19	PASS
		12	0	21.09	18.94	PASS
		12	6	21.09	18.94	PASS
		12	13	21.58	19.43	PASS
		25	0	21.44	19.29	PASS
	MCH	1	0	22.30	20.15	PASS
		1	12	21.80	19.65	PASS
		1	24	21.94	19.79	PASS
		12	0	21.46	19.31	PASS
		12	6	21.47	19.32	PASS
		12	13	20.95	18.80	PASS
		25	0	21.21	19.06	PASS
	HCH	1	0	21.73	19.58	PASS
		1	12	22.76	20.61	PASS
		1	24	22.67	20.52	PASS
		12	0	21.25	19.10	PASS
		12	6	21.15	19.00	PASS
		12	13	21.45	19.30	PASS
		25	0	21.14	18.99	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		E.i.r.p [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.14	20.99	PASS
		1	24	23.89	21.74	PASS
		1	49	22.76	20.61	PASS
		25	0	22.25	20.10	PASS
		25	12	22.24	20.09	PASS
		25	25	22.34	20.19	PASS
		50	0	22.29	20.14	PASS
	MCH	1	0	23.22	21.07	PASS
		1	24	22.88	20.73	PASS
		1	49	22.81	20.66	PASS
		25	0	22.31	20.16	PASS
		25	12	22.23	20.08	PASS
		25	25	21.76	19.61	PASS
		50	0	22.28	20.13	PASS
	HCH	1	0	23.45	21.30	PASS

		1	24	22.89	20.74	PASS
		1	49	23.68	21.53	PASS
		25	0	22.17	20.02	PASS
		25	12	22.17	20.02	PASS
		25	25	22.47	20.32	PASS
		50	0	22.34	20.19	PASS
16QAM	LCH	1	0	21.94	19.79	PASS
		1	24	23.26	21.11	PASS
		1	49	21.58	19.43	PASS
		25	0	21.24	19.09	PASS
		25	12	21.34	19.19	PASS
		25	25	21.35	19.20	PASS
		50	0	21.19	19.04	PASS
	MCH	1	0	22.58	20.43	PASS
		1	24	21.95	19.80	PASS
		1	49	21.74	19.59	PASS
		25	0	21.46	19.31	PASS
		25	12	21.47	19.32	PASS
		25	25	20.92	18.77	PASS
		50	0	21.32	19.17	PASS
	HCH	1	0	22.63	20.48	PASS
		1	24	22.16	20.01	PASS
		1	49	23.33	21.18	PASS
		25	0	21.17	19.02	PASS
		25	12	21.18	19.03	PASS
		25	25	21.59	19.44	PASS
		50	0	21.47	19.32	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	4.43	<13	PASS
		1	3	4.38	<13	PASS
		1	5	4.47	<13	PASS
		3	0	4.64	<13	PASS
		3	2	4.65	<13	PASS
		3	3	4.7	<13	PASS
		6	0	5.09	<13	PASS
	MCH	1	0	4.45	<13	PASS
		1	3	4.34	<13	PASS
		1	5	4.49	<13	PASS
		3	0	4.64	<13	PASS
		3	2	4.64	<13	PASS
		3	3	4.67	<13	PASS
		6	0	5.04	<13	PASS
	HCH	1	0	4.42	<13	PASS
		1	3	4.23	<13	PASS
		1	5	4.28	<13	PASS
		3	0	4.54	<13	PASS
		3	2	4.53	<13	PASS
		3	3	4.44	<13	PASS
		6	0	5.02	<13	PASS
16QAM	LCH	1	0	5.35	<13	PASS
		1	3	5.26	<13	PASS
		1	5	5.45	<13	PASS
		3	0	5.51	<13	PASS
		3	2	5.5	<13	PASS
		3	3	5.49	<13	PASS
		6	0	5.96	<13	PASS
	MCH	1	0	5.24	<13	PASS
		1	3	5.19	<13	PASS
		1	5	5.39	<13	PASS

		3	0	5.53	<13	PASS
		3	2	5.49	<13	PASS
		3	3	5.55	<13	PASS
		6	0	5.89	<13	PASS
	HCH	1	0	5.21	<13	PASS
		1	3	5.02	<13	PASS
		1	5	5.1	<13	PASS
		3	0	5.48	<13	PASS
		3	2	5.46	<13	PASS
		3	3	5.39	<13	PASS
		6	0	5.85	<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	4.49	<13	PASS
		1	7	4.38	<13	PASS
		1	14	4.55	<13	PASS
		8	0	4.89	<13	PASS
		8	4	4.87	<13	PASS
		8	7	5	<13	PASS
		15	0	5.22	<13	PASS
		15	0	5.22	<13	PASS
	MCH	1	0	4.42	<13	PASS
		1	7	4.32	<13	PASS
		1	14	4.5	<13	PASS
		8	0	4.87	<13	PASS
		8	4	4.9	<13	PASS
		8	7	4.86	<13	PASS
		15	0	5.12	<13	PASS
		15	0	5.12	<13	PASS
	HCH	1	0	4.6	<13	PASS
		1	7	4.22	<13	PASS
		1	14	4.27	<13	PASS
		8	0	5	<13	PASS
		8	4	5	<13	PASS
		8	7	4.88	<13	PASS
		15	0	5.14	<13	PASS
		15	0	5.14	<13	PASS
16QAM	LCH	1	0	5.33	<13	PASS
		1	7	5.25	<13	PASS
		1	14	5.35	<13	PASS
		8	0	5.76	<13	PASS

		8	4	5.81	<13	PASS
		8	7	5.91	<13	PASS
		15	0	6.14	<13	PASS
	MCH	1	0	5.32	<13	PASS
		1	7	5.34	<13	PASS
		1	14	5.44	<13	PASS
		8	0	5.66	<13	PASS
		8	4	5.63	<13	PASS
		8	7	5.71	<13	PASS
		15	0	5.92	<13	PASS
	HCH	1	0	5.43	<13	PASS
		1	7	4.88	<13	PASS
		1	14	4.8	<13	PASS
		8	0	5.91	<13	PASS
		8	4	5.9	<13	PASS
		8	7	5.72	<13	PASS
		15	0	6.06	<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	4.48	<13	PASS
		1	12	4.42	<13	PASS
		1	24	4.49	<13	PASS
		12	0	4.83	<13	PASS
		12	6	4.82	<13	PASS
		12	13	4.94	<13	PASS
		25	0	5.19	<13	PASS
	MCH	1	0	4.4	<13	PASS
		1	12	4.32	<13	PASS
		1	24	4.47	<13	PASS
		12	0	4.84	<13	PASS
		12	6	4.83	<13	PASS
		12	13	4.8	<13	PASS
		25	0	5.1	<13	PASS
	HCH	1	0	4.54	<13	PASS
		1	12	4.39	<13	PASS
		1	24	4.32	<13	PASS
		12	0	4.91	<13	PASS
		12	6	4.9	<13	PASS

16QAM		12	13	4.88	<13	PASS
		25	0	5.12	<13	PASS
	LCH	1	0	5.34	<13	PASS
		1	12	5.4	<13	PASS
		1	24	5.34	<13	PASS
		12	0	5.75	<13	PASS
		12	6	5.78	<13	PASS
		12	13	5.88	<13	PASS
		25	0	6.02	<13	PASS
	MCH	1	0	5.2	<13	PASS
		1	12	5.03	<13	PASS
		1	24	5.2	<13	PASS
		12	0	5.68	<13	PASS
		12	6	5.68	<13	PASS
		12	13	5.69	<13	PASS
		25	0	5.91	<13	PASS
	HCH	1	0	5.39	<13	PASS
		1	12	5.17	<13	PASS
		1	24	4.99	<13	PASS
		12	0	5.82	<13	PASS
		12	6	5.81	<13	PASS
		12	13	5.77	<13	PASS
		25	0	5.98	<13	PASS

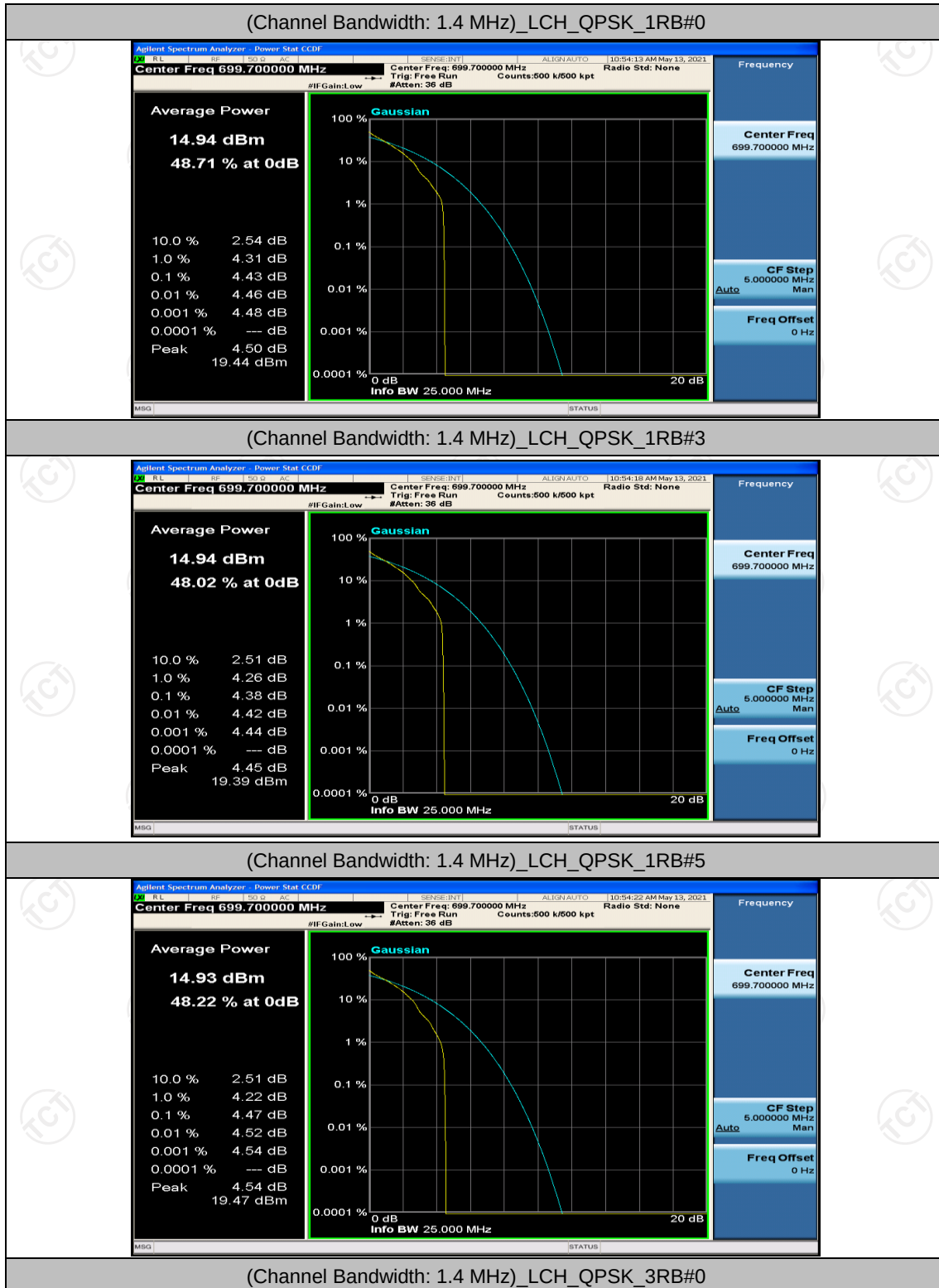
Channel Bandwidth: 10 MHz

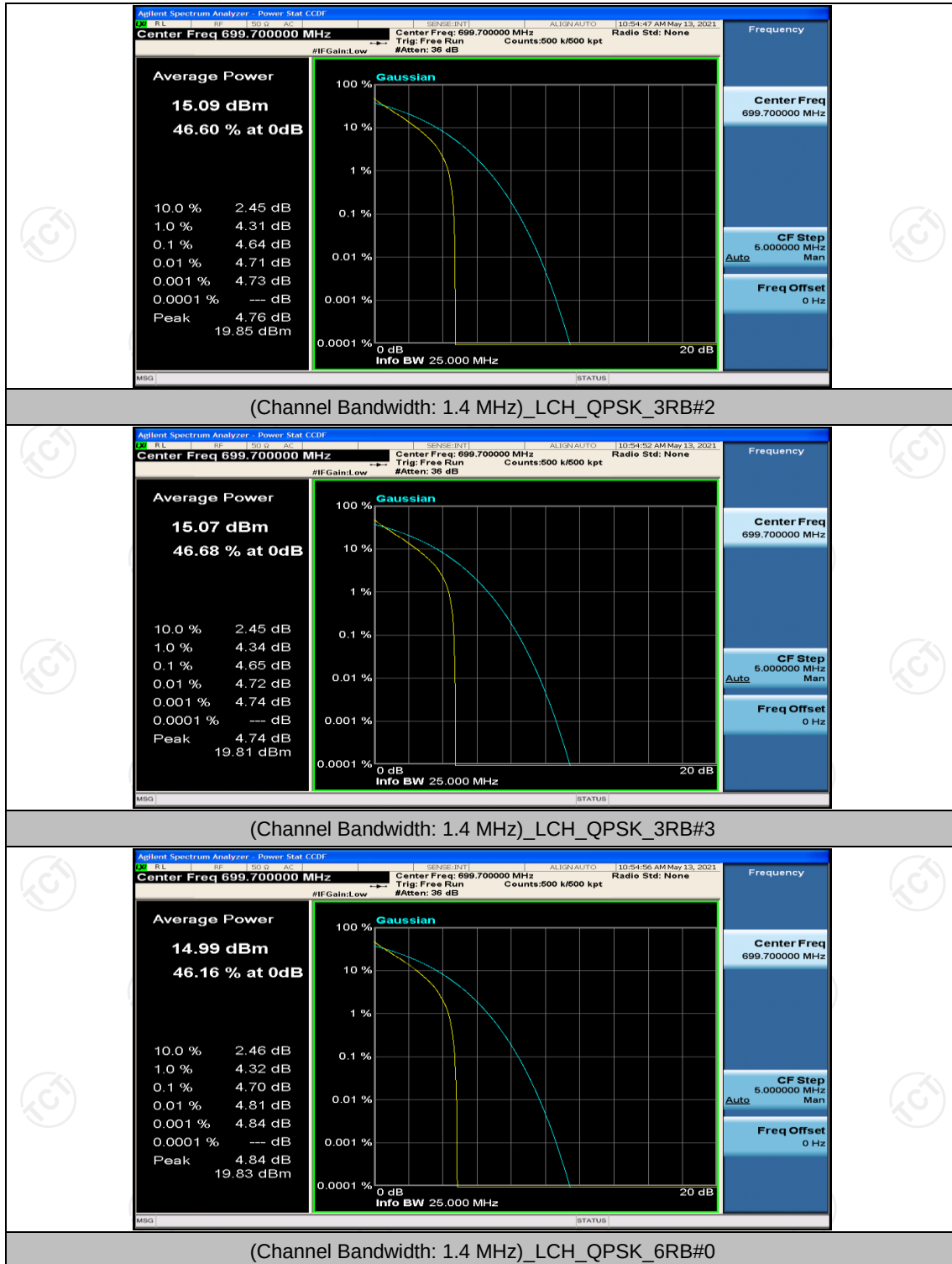
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.45	<13	PASS
		1	24	4.4	<13	PASS
		1	49	4.41	<13	PASS
		25	0	4.9	<13	PASS
		25	12	4.91	<13	PASS
		25	25	4.86	<13	PASS
		50	0	4.75	<13	PASS
	MCH	1	0	4.46	<13	PASS
		1	24	4.38	<13	PASS
		1	49	4.55	<13	PASS
		25	0	4.84	<13	PASS
		25	12	4.82	<13	PASS
		25	25	4.94	<13	PASS

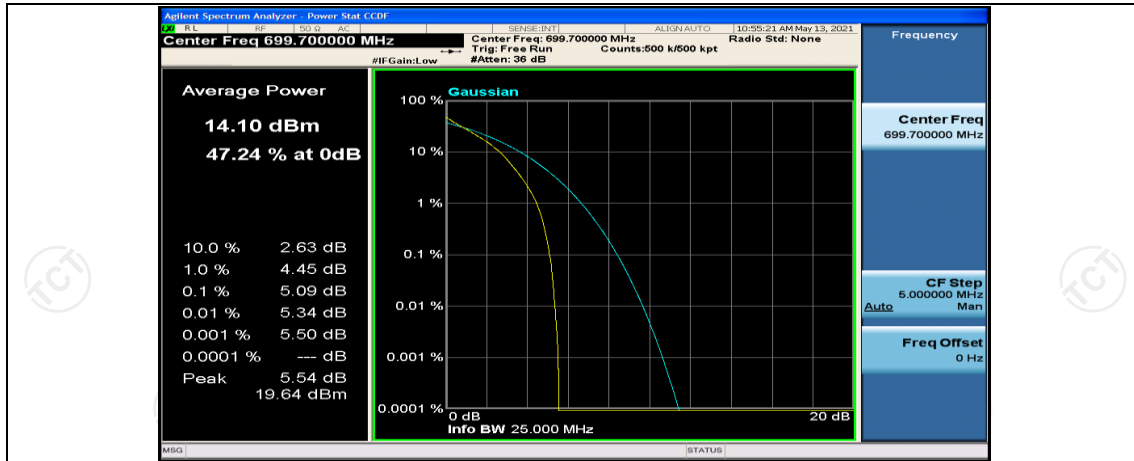
		50	0	5.34	<13	PASS
	HCH	1	0	4.35	<13	PASS
		1	24	4.42	<13	PASS
		1	49	4.25	<13	PASS
		25	0	4.84	<13	PASS
		25	12	4.85	<13	PASS
		25	25	4.9	<13	PASS
		50	0	5.41	<13	PASS
16QAM	LCH	1	0	5.38	<13	PASS
		1	24	5.09	<13	PASS
		1	49	5.15	<13	PASS
		25	0	5.83	<13	PASS
		25	12	5.84	<13	PASS
		25	25	5.73	<13	PASS
		50	0	5.76	<13	PASS
	MCH	1	0	5.35	<13	PASS
		1	24	5.16	<13	PASS
		1	49	5.46	<13	PASS
		25	0	5.7	<13	PASS
		25	12	5.72	<13	PASS
		25	25	5.79	<13	PASS
		50	0	6.08	<13	PASS
	HCH	1	0	5.21	<13	PASS
		1	24	5.29	<13	PASS
		1	49	4.95	<13	PASS
		25	0	5.72	<13	PASS
		25	12	5.74	<13	PASS
		25	25	5.85	<13	PASS
		50	0	6.2	<13	PASS

Test Graphs

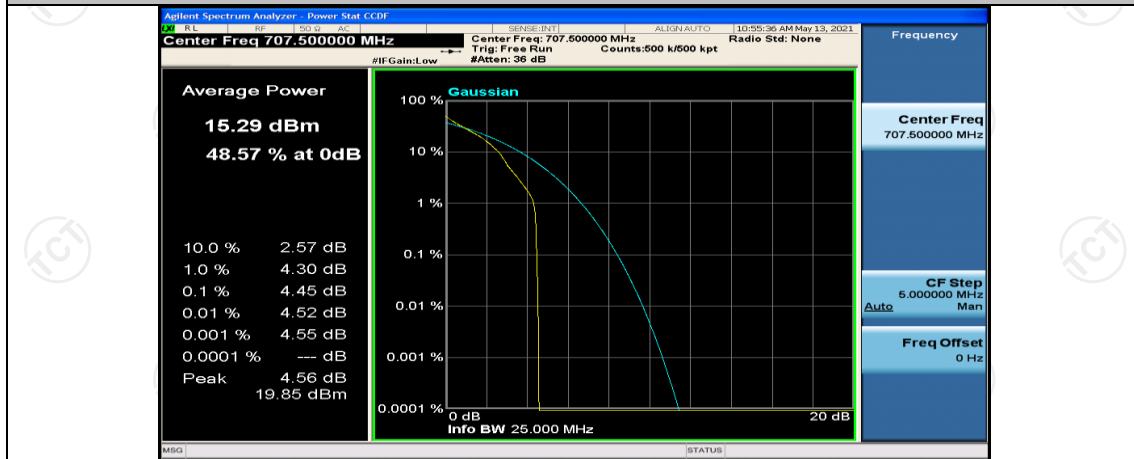
Channel Bandwidth: 1.4 MHz



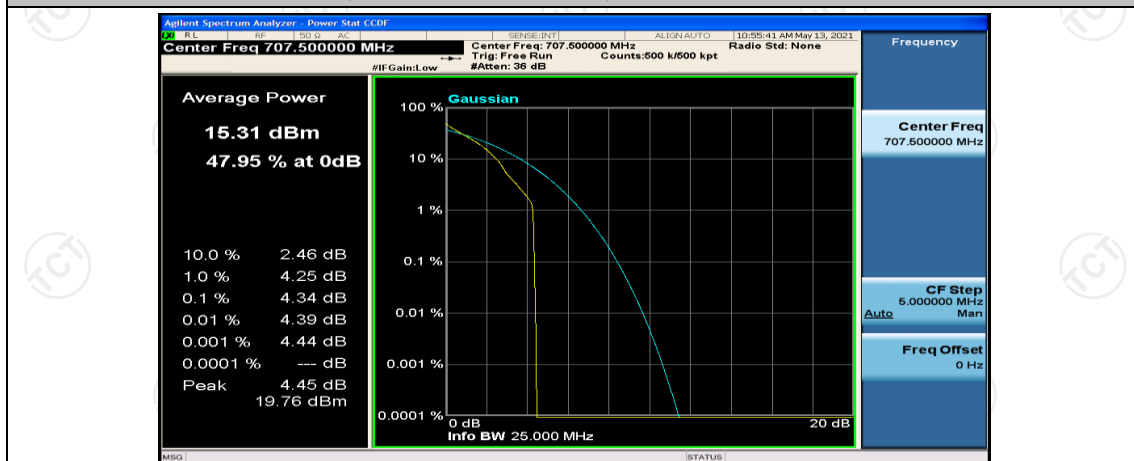




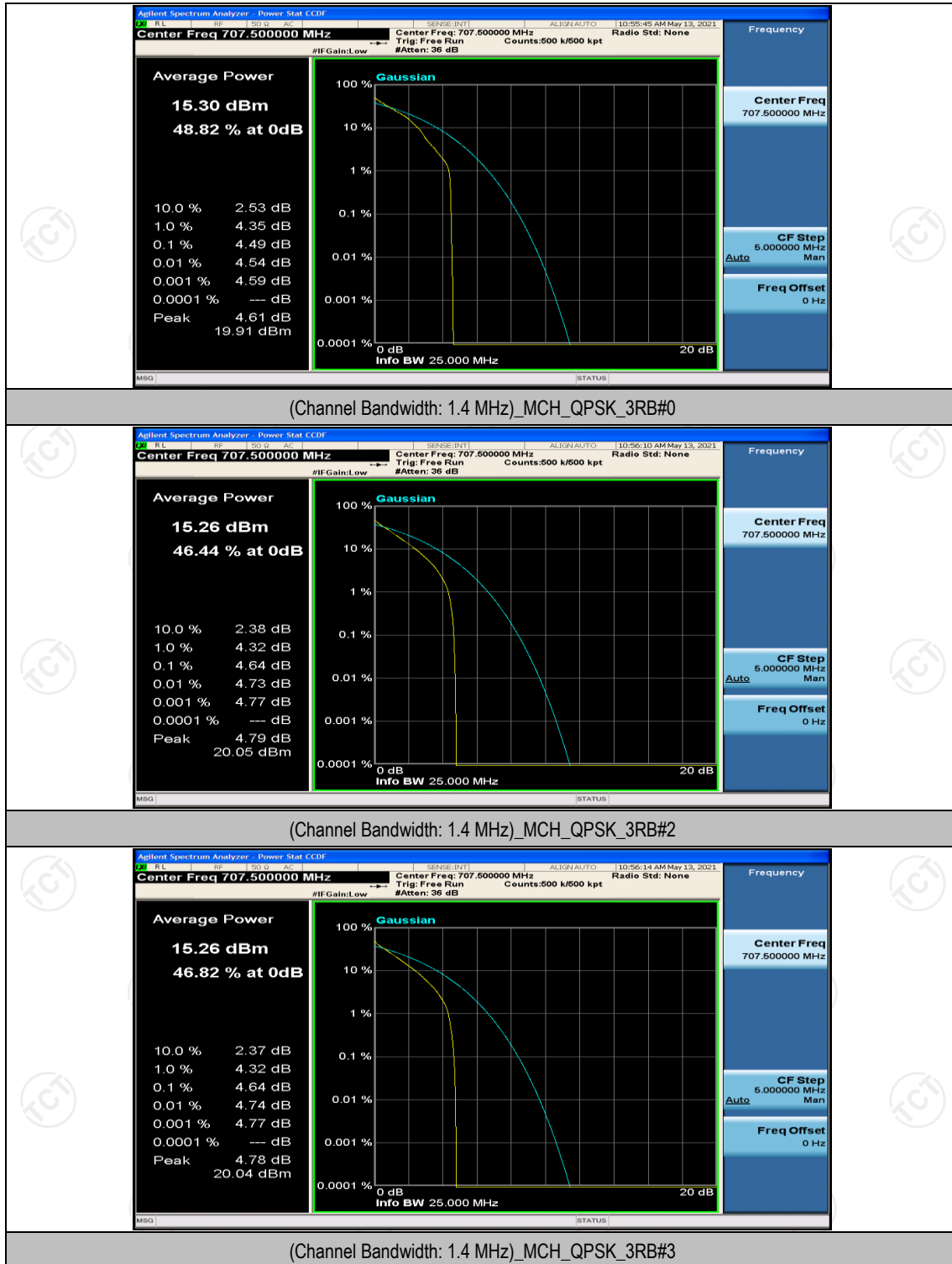
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

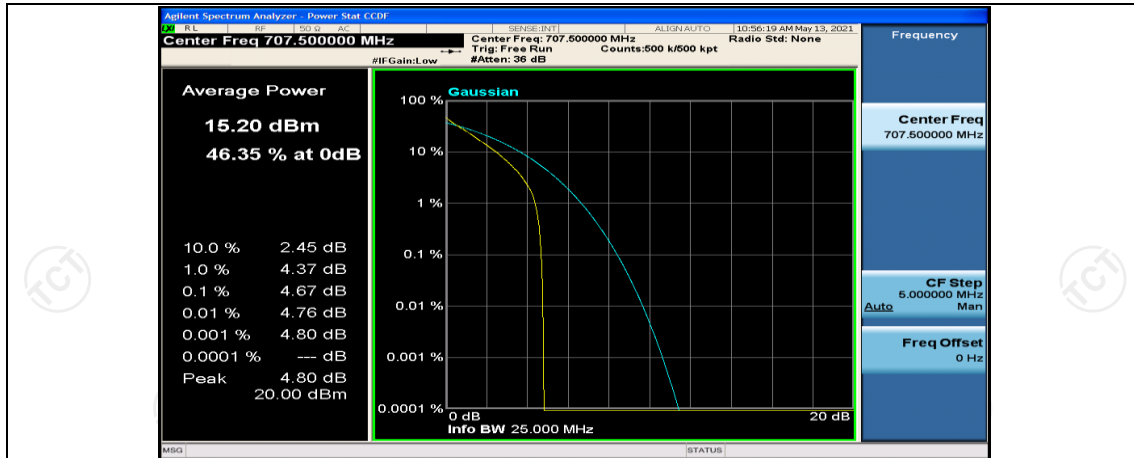


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

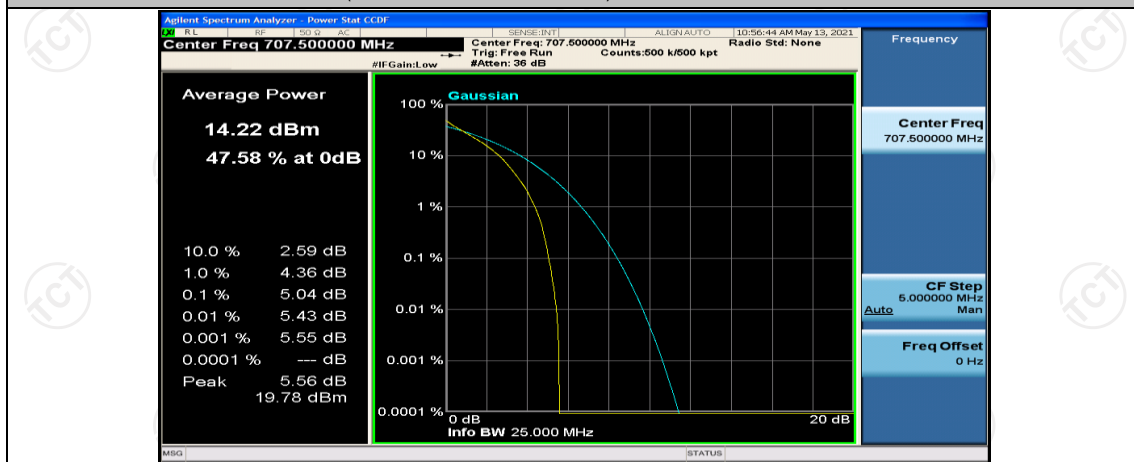


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

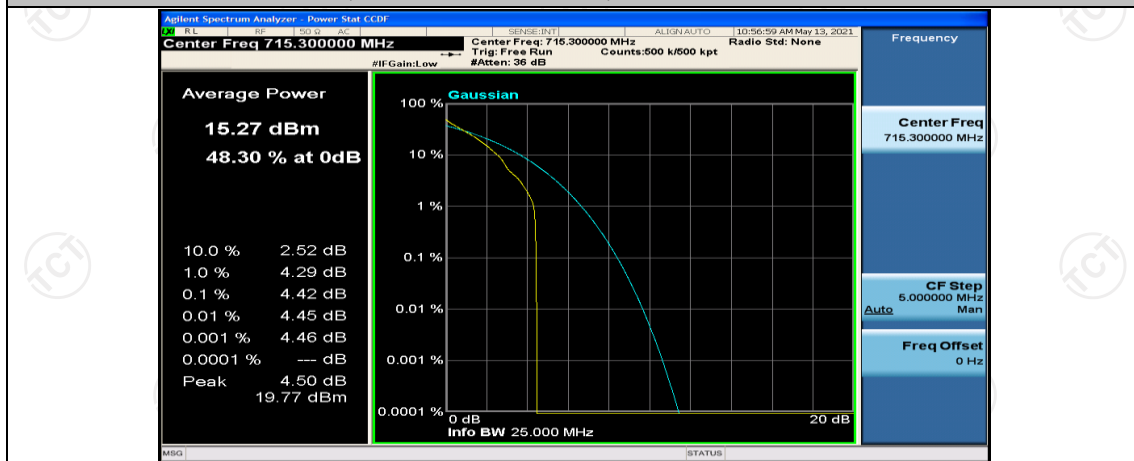




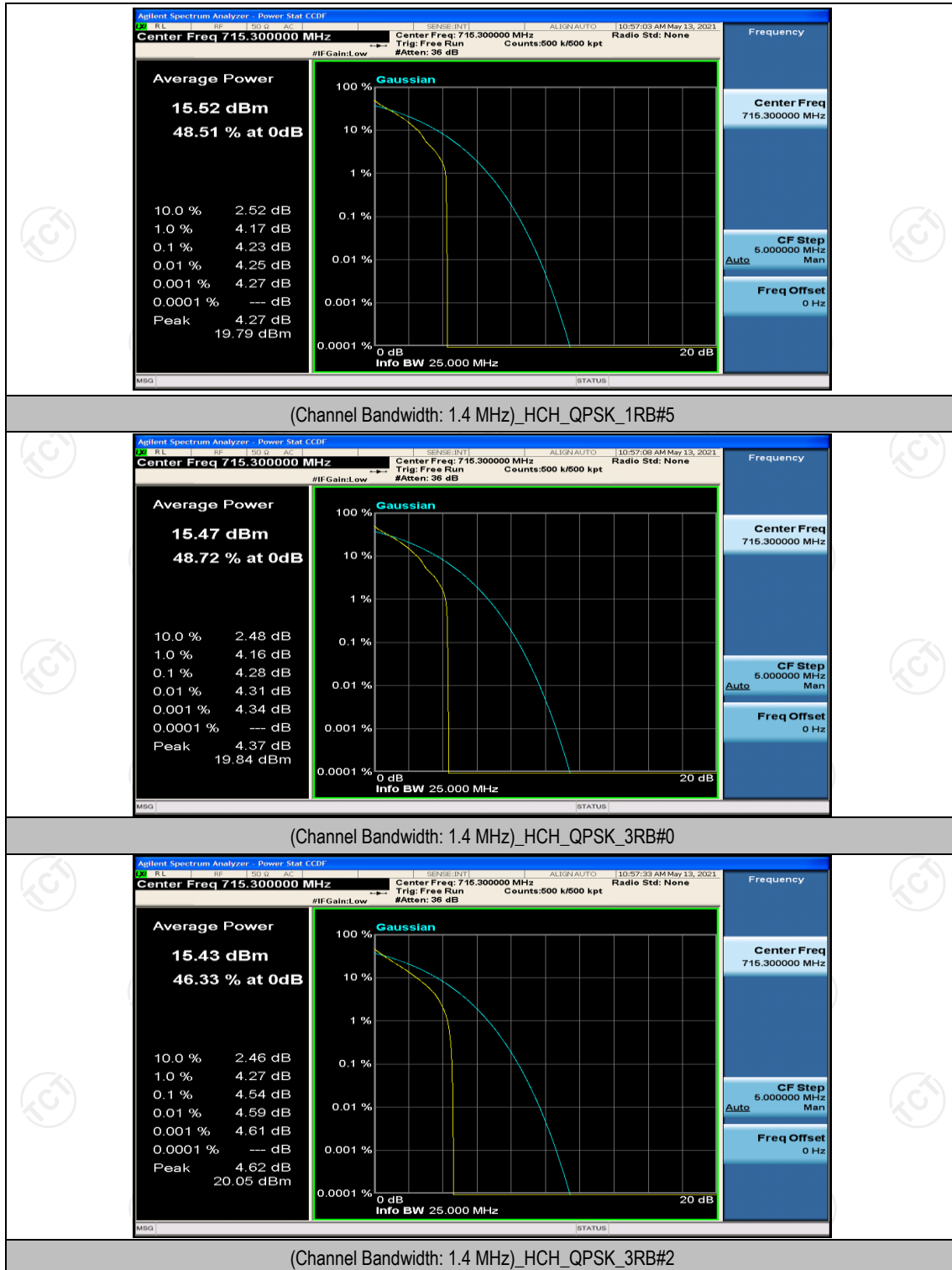
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0

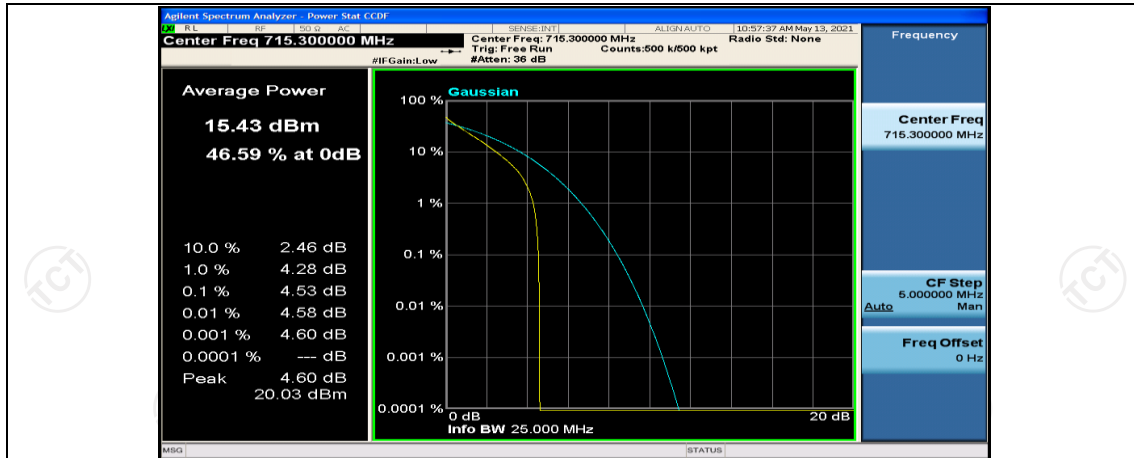


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

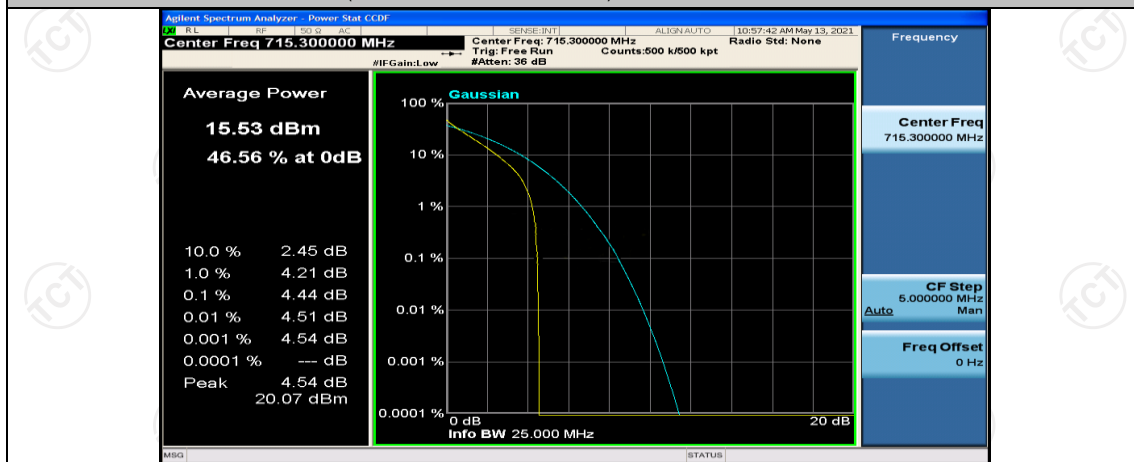


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3

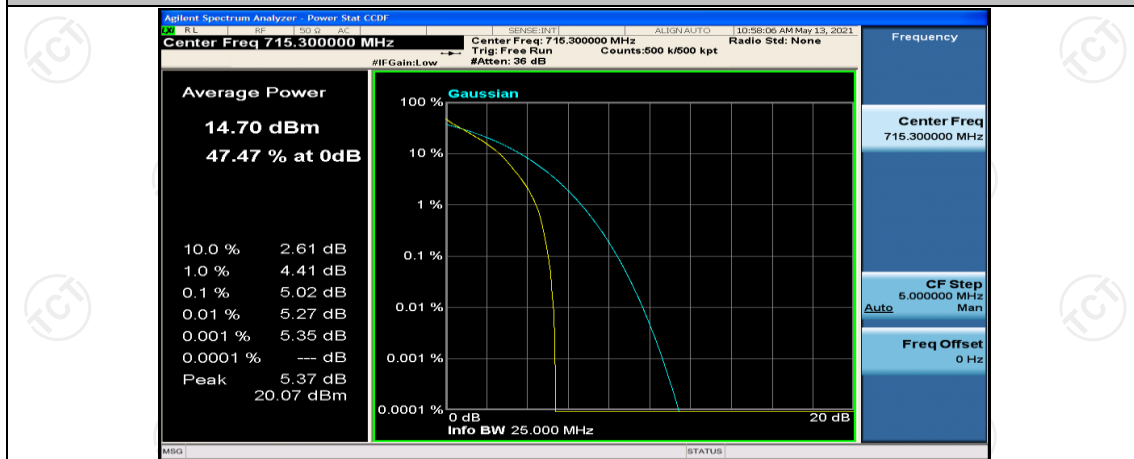




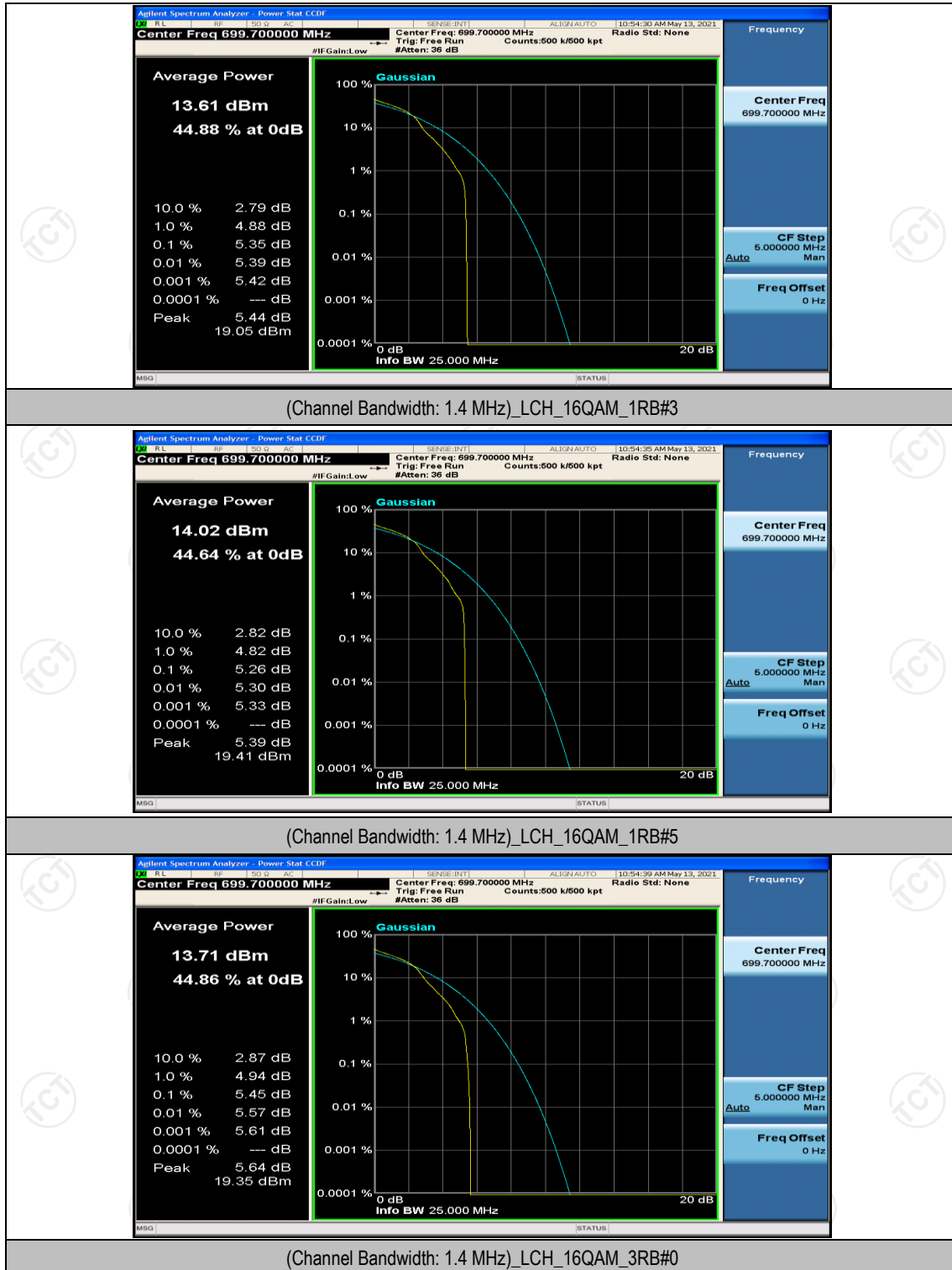
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3

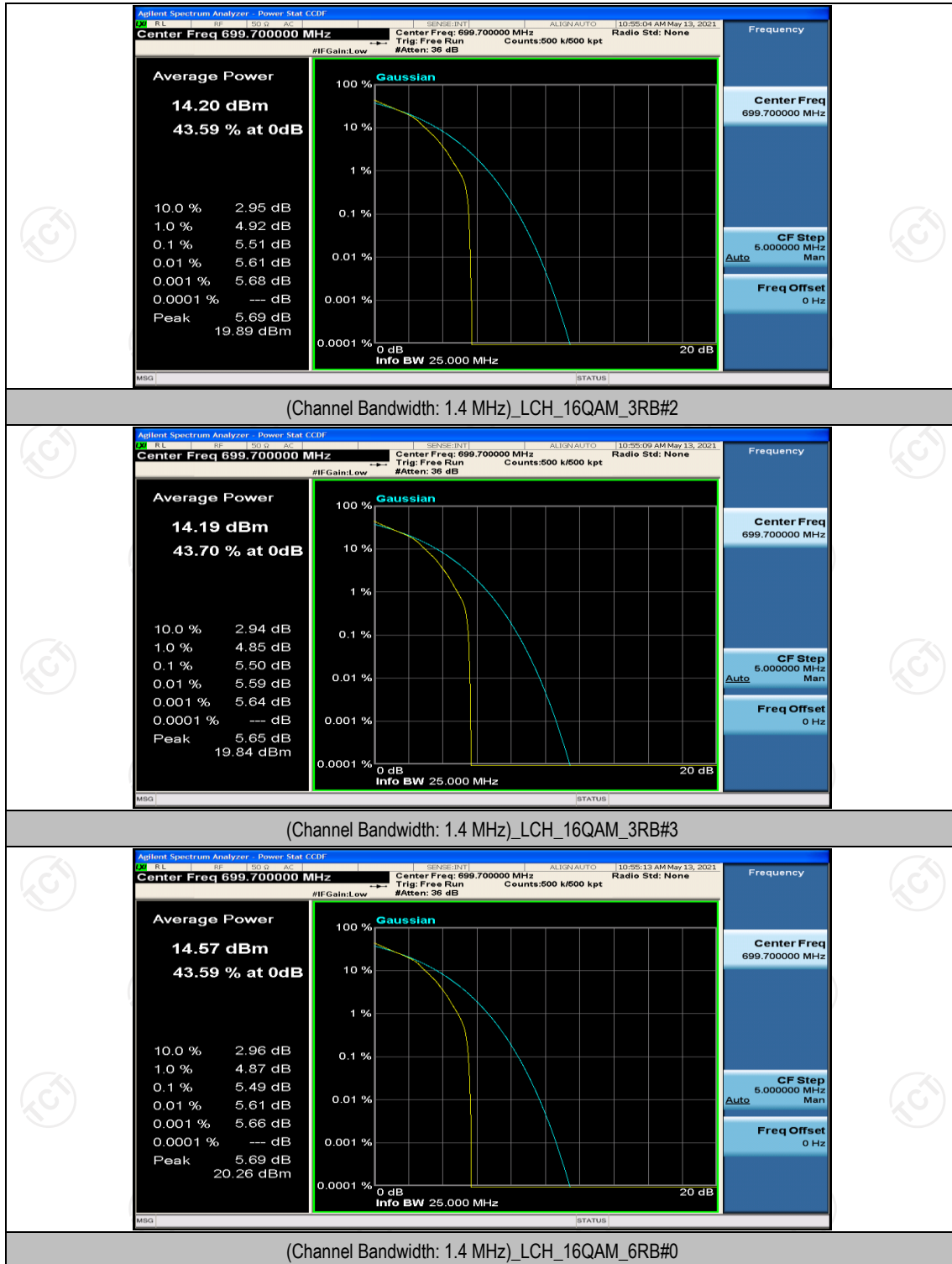


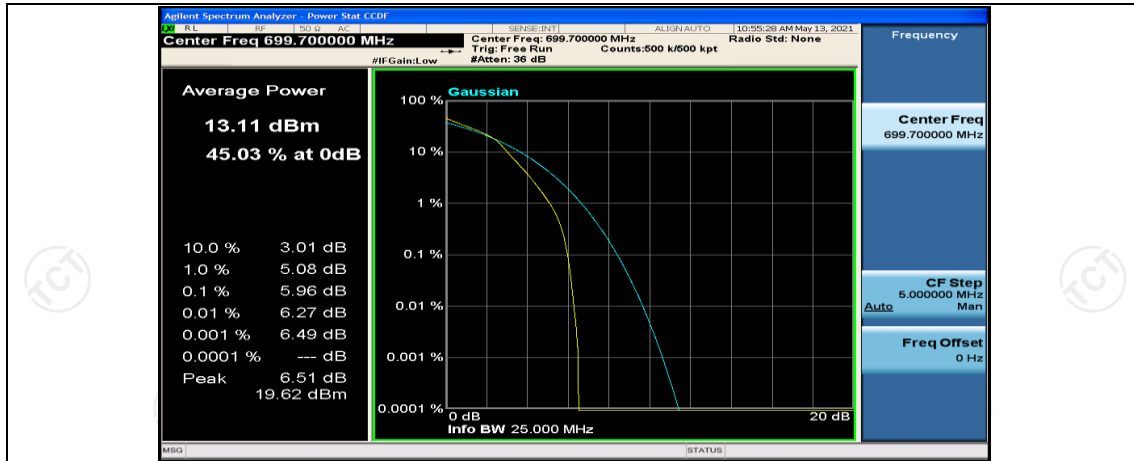
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



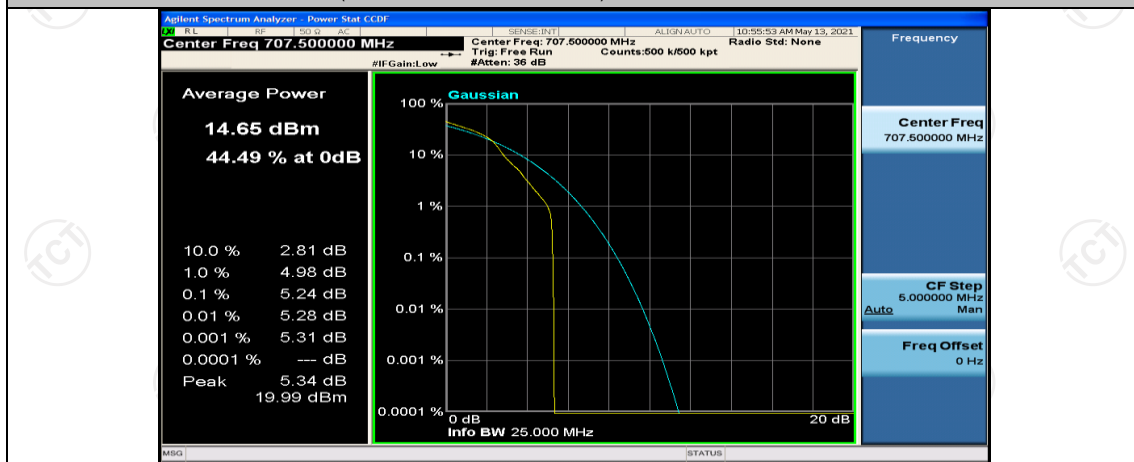
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



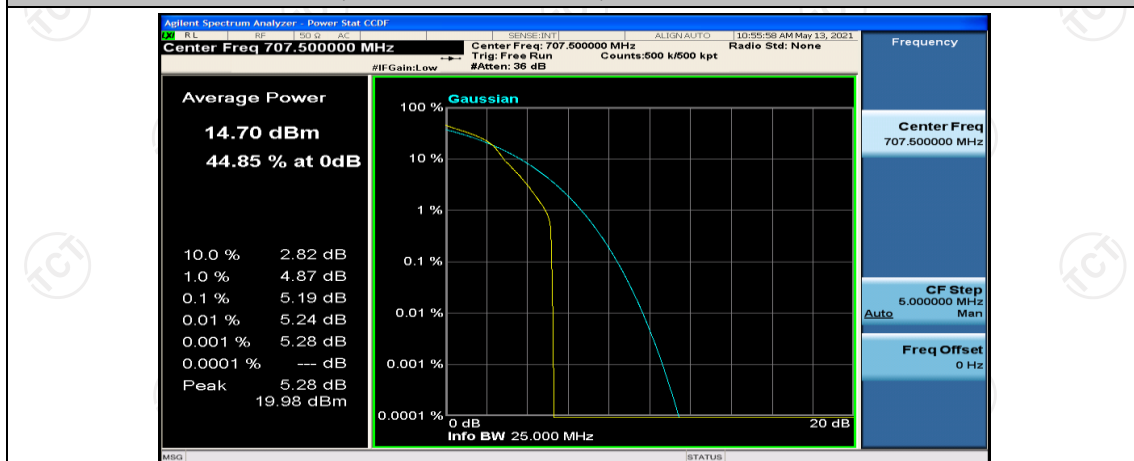




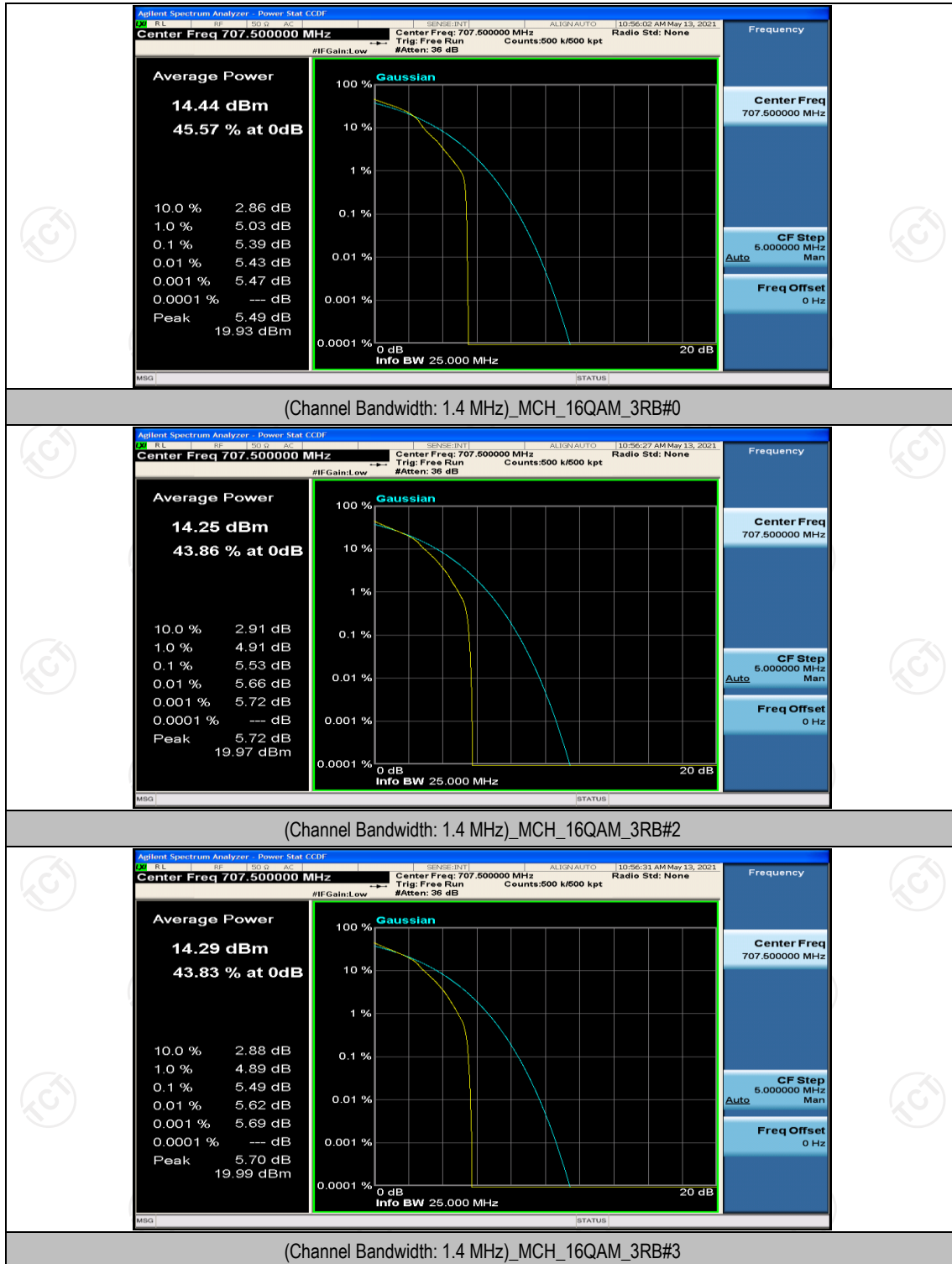
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

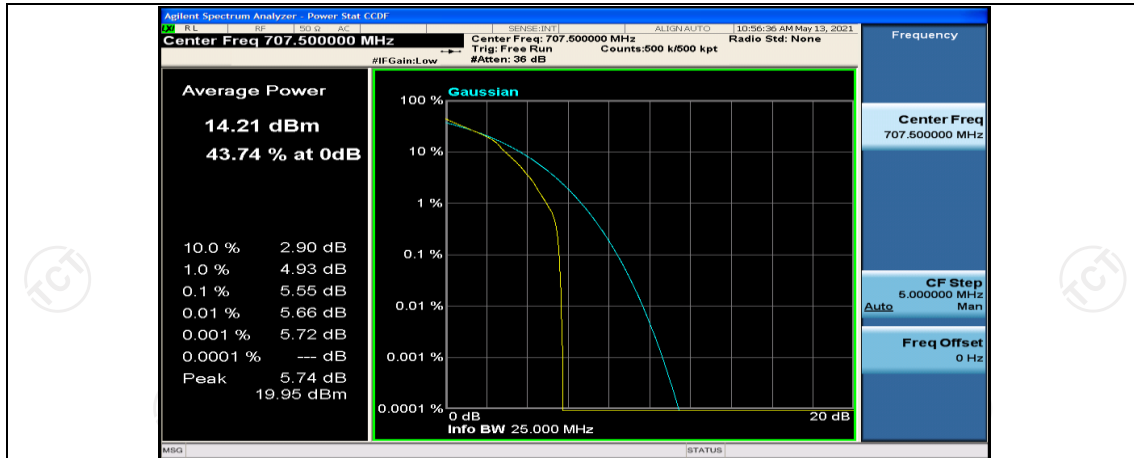


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

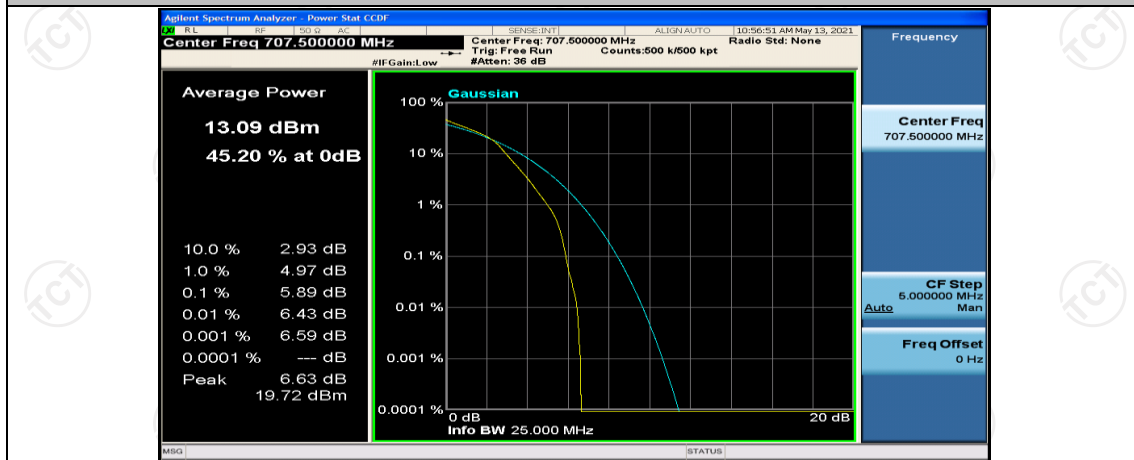


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5

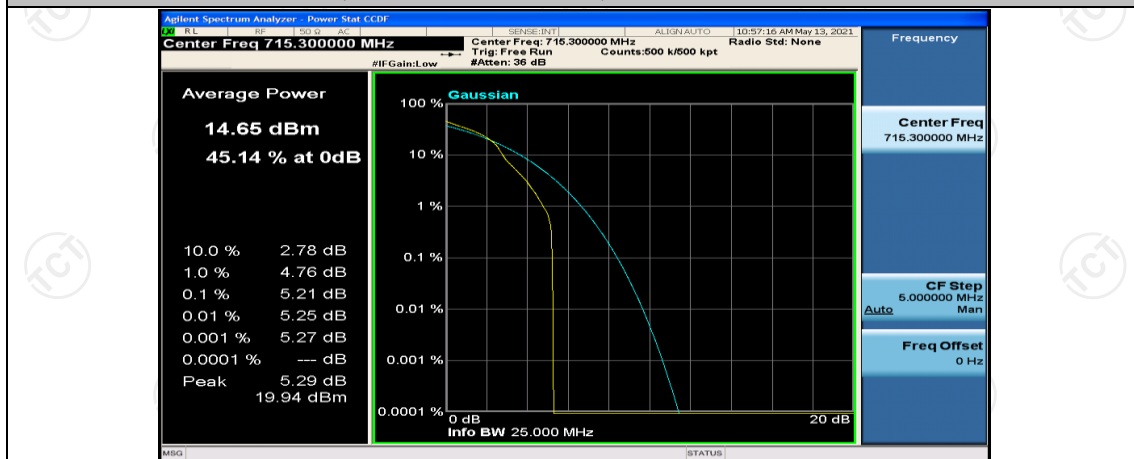




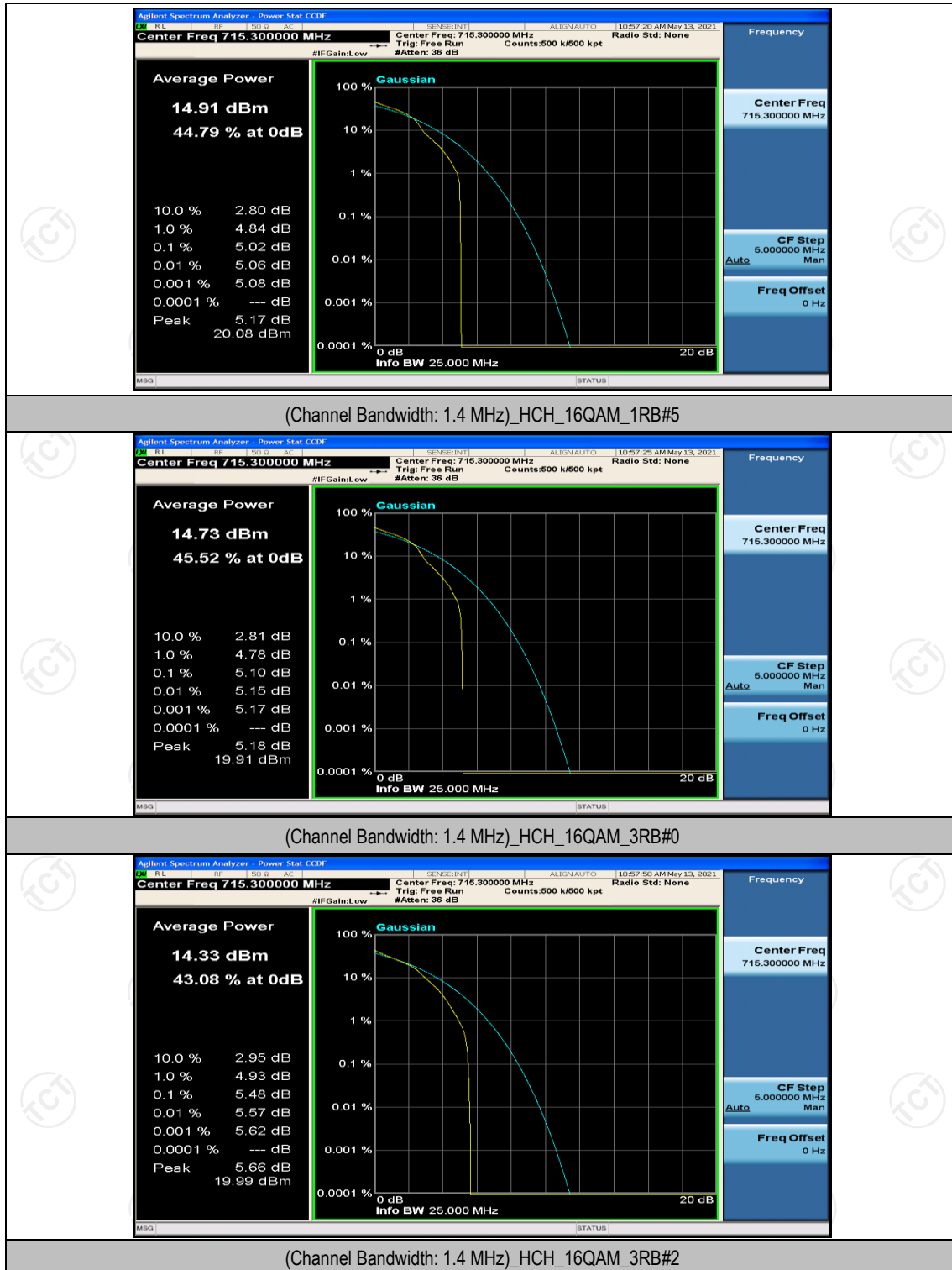
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0

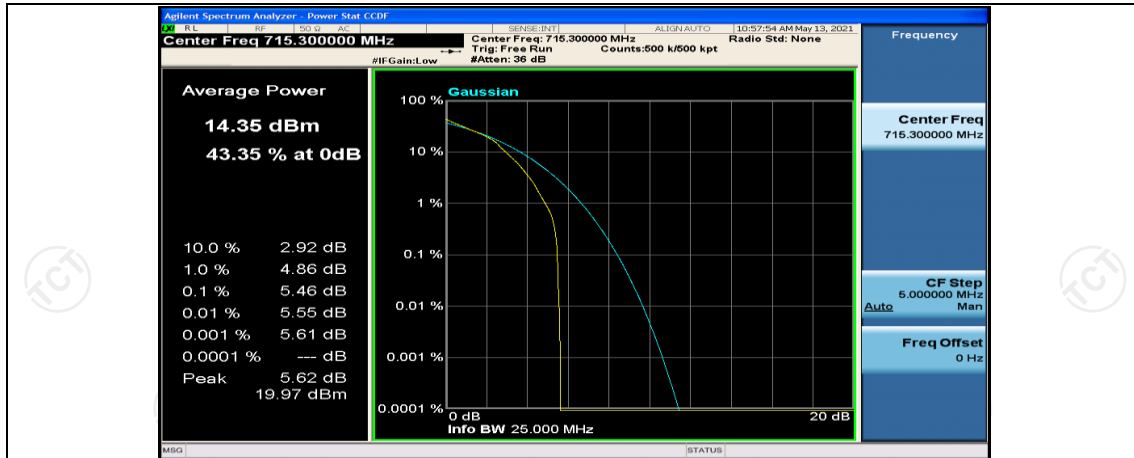


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0

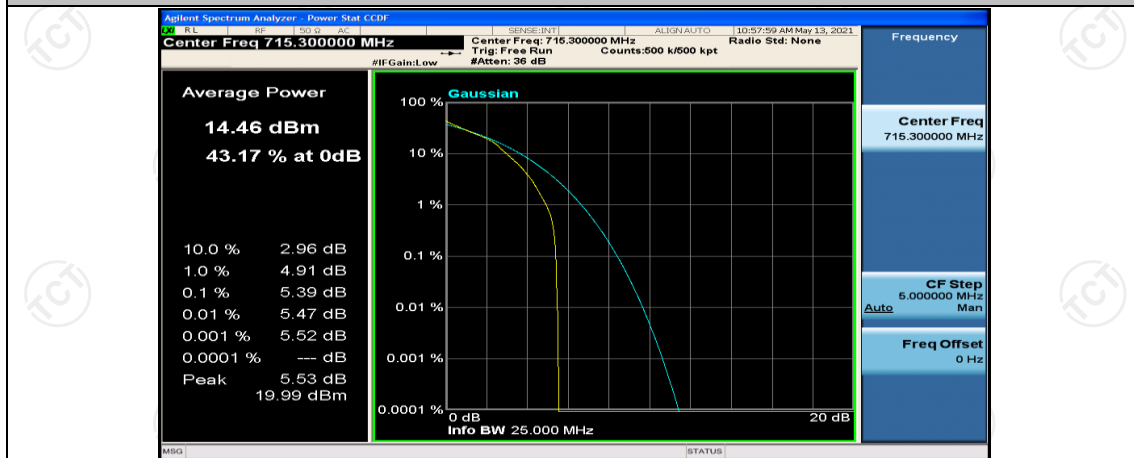


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3

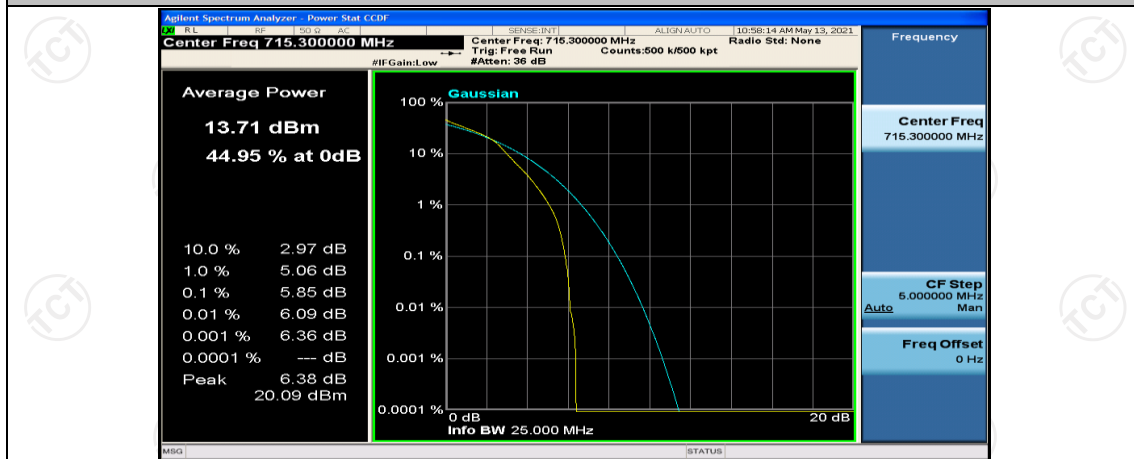




(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

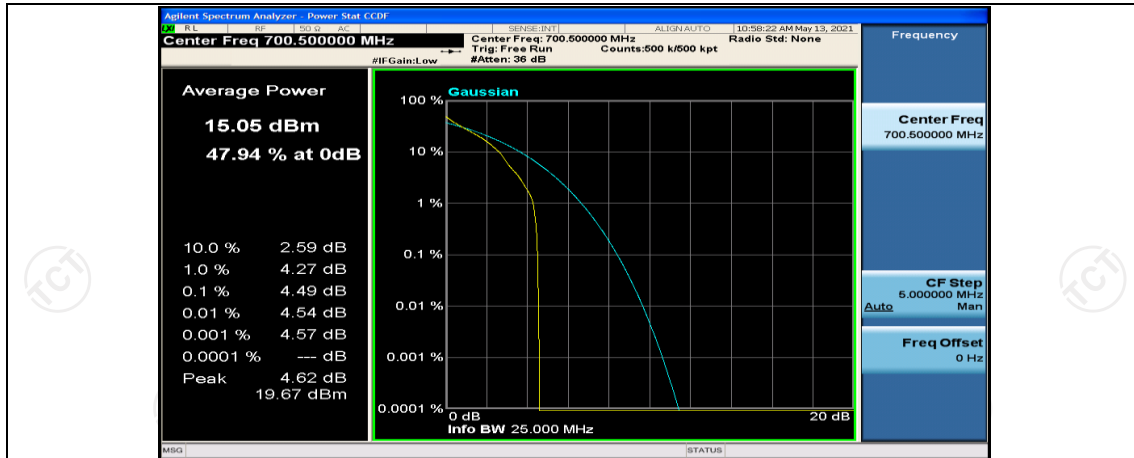


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

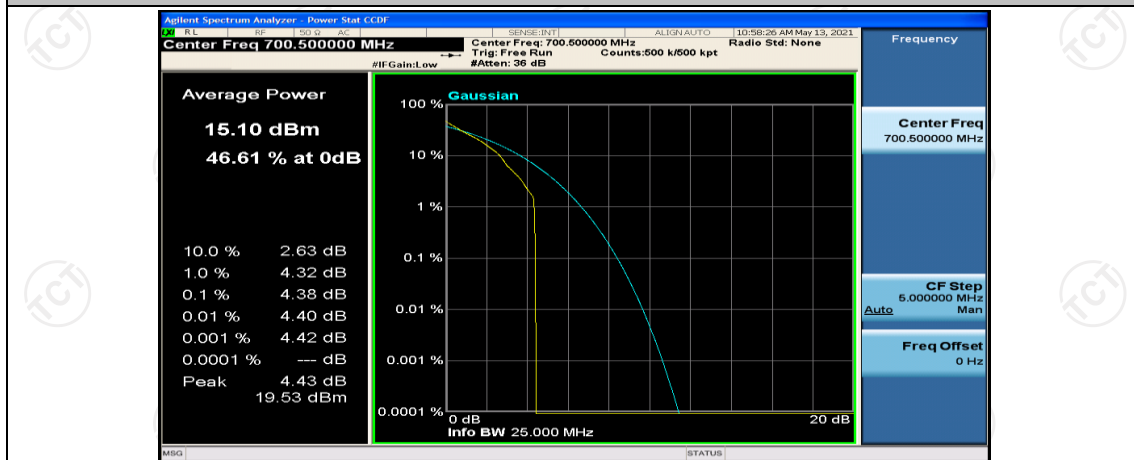


Channel Bandwidth: 3 MHz

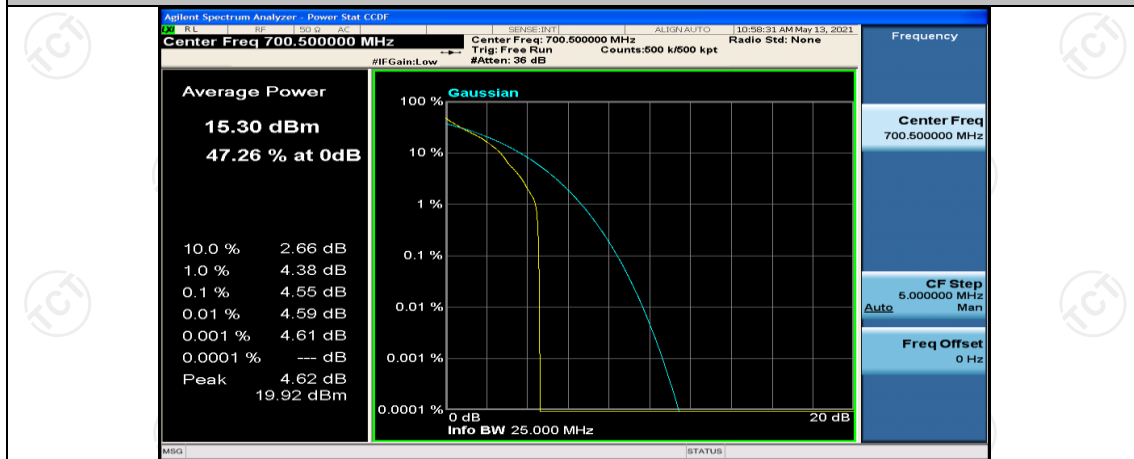
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



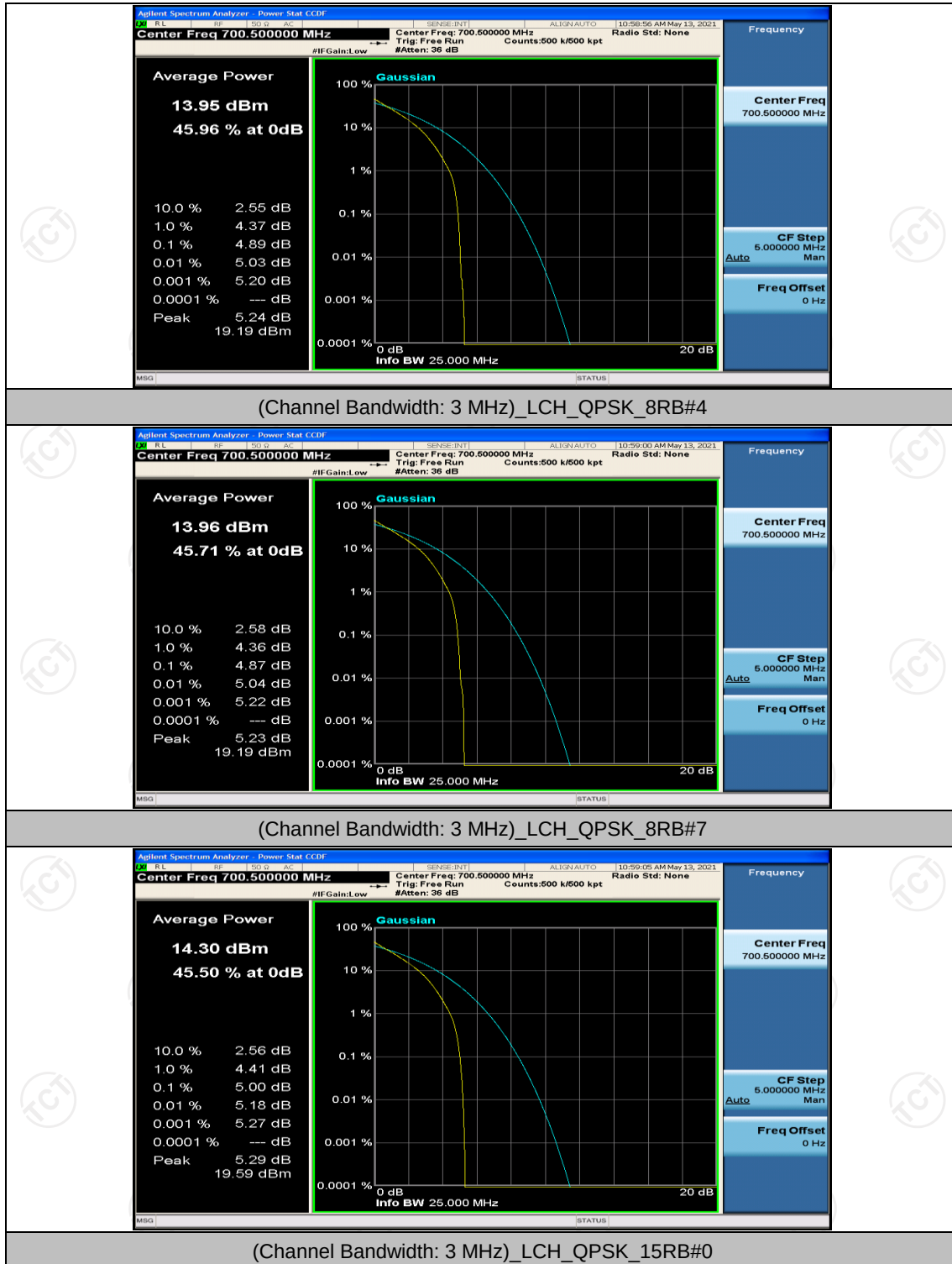
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7

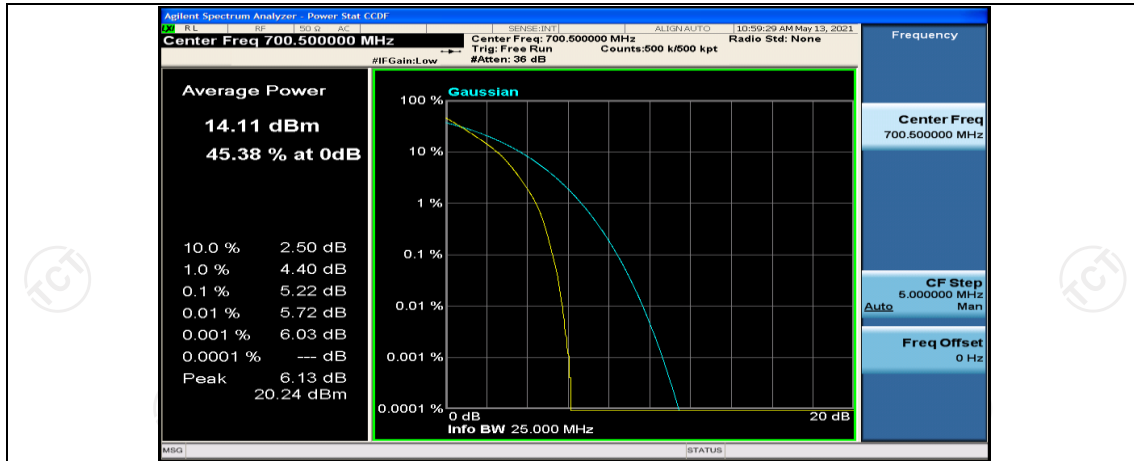


(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14

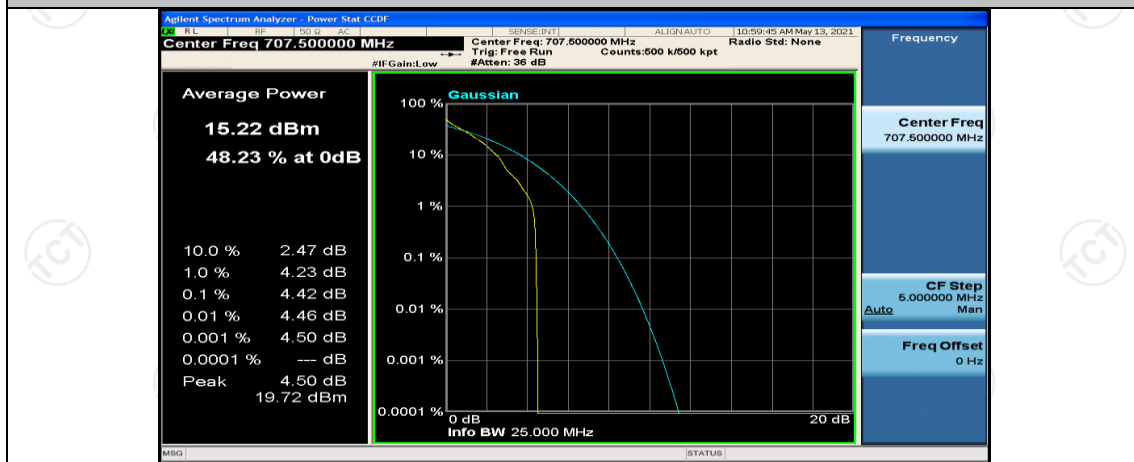


(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0

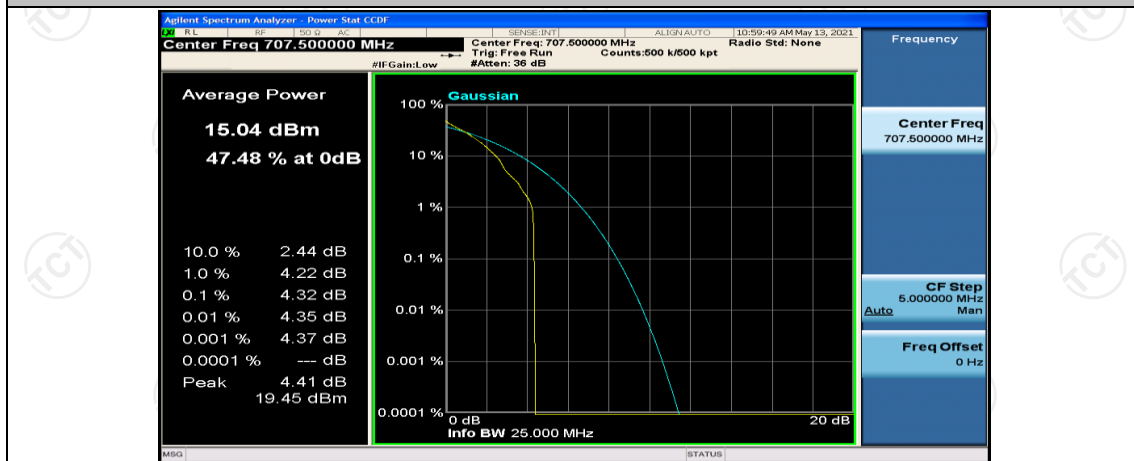




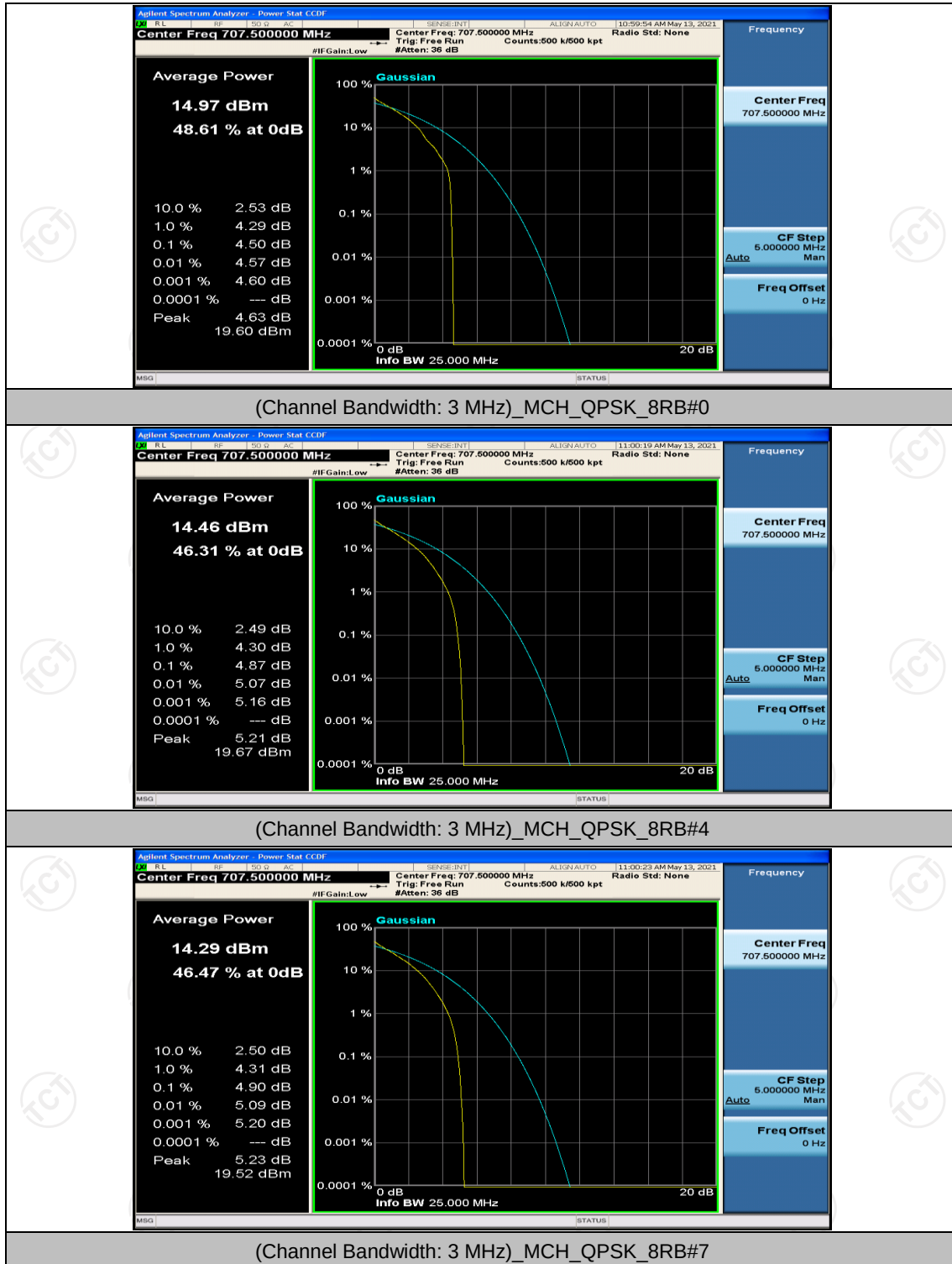
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

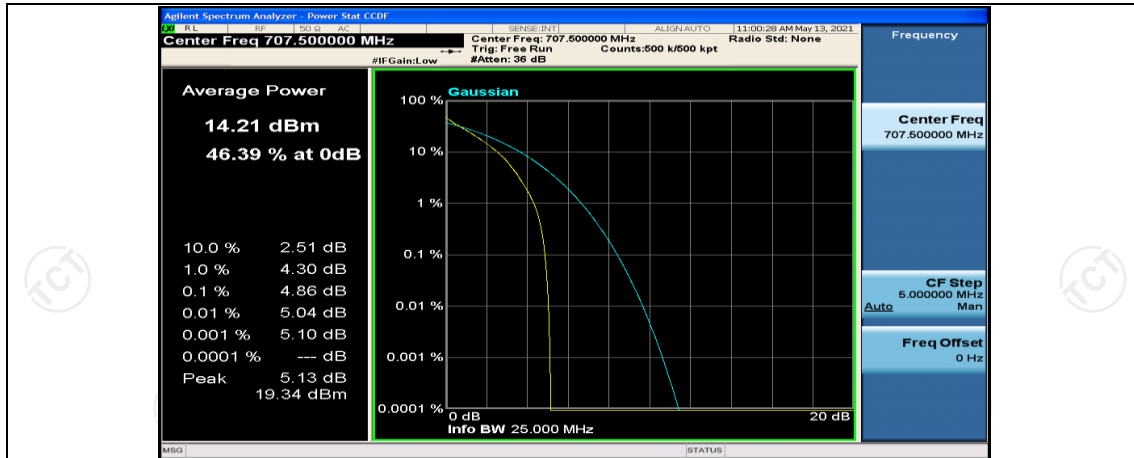


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

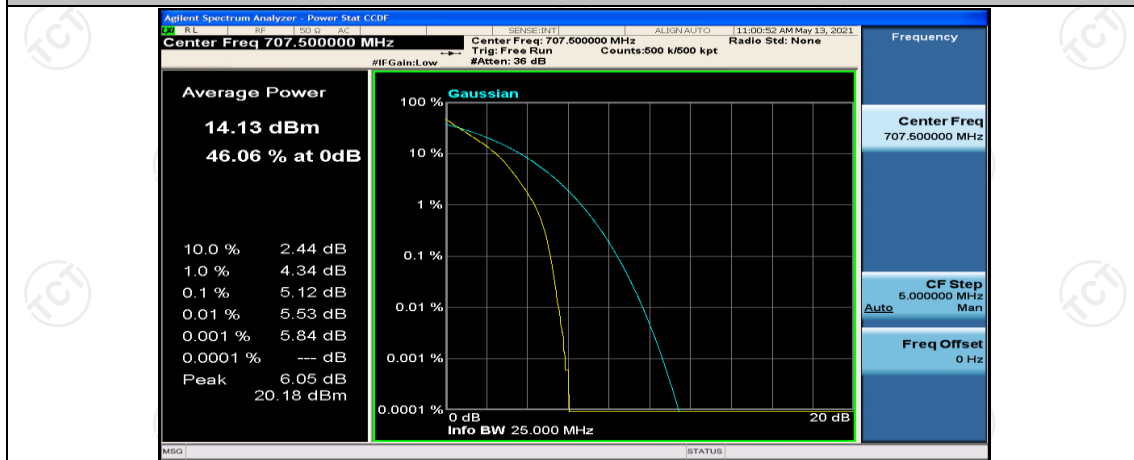


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

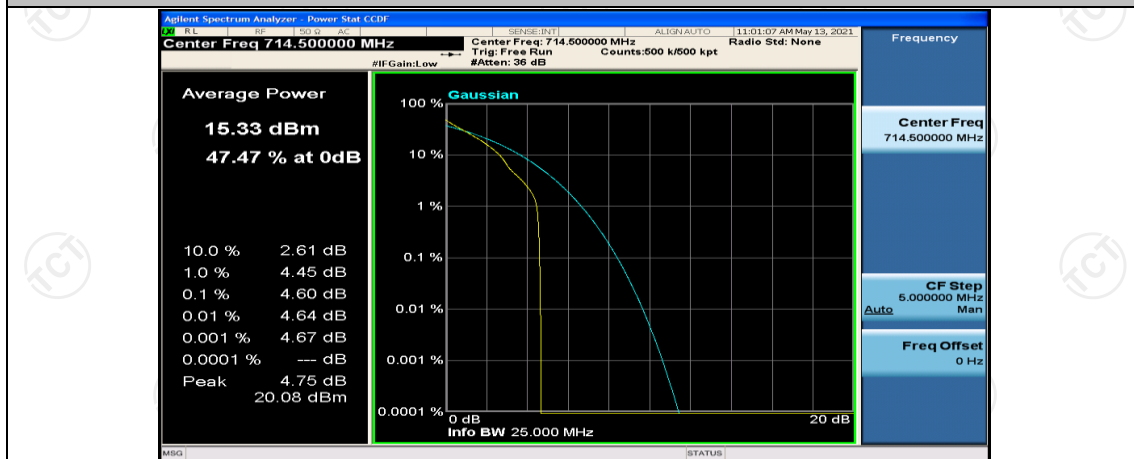




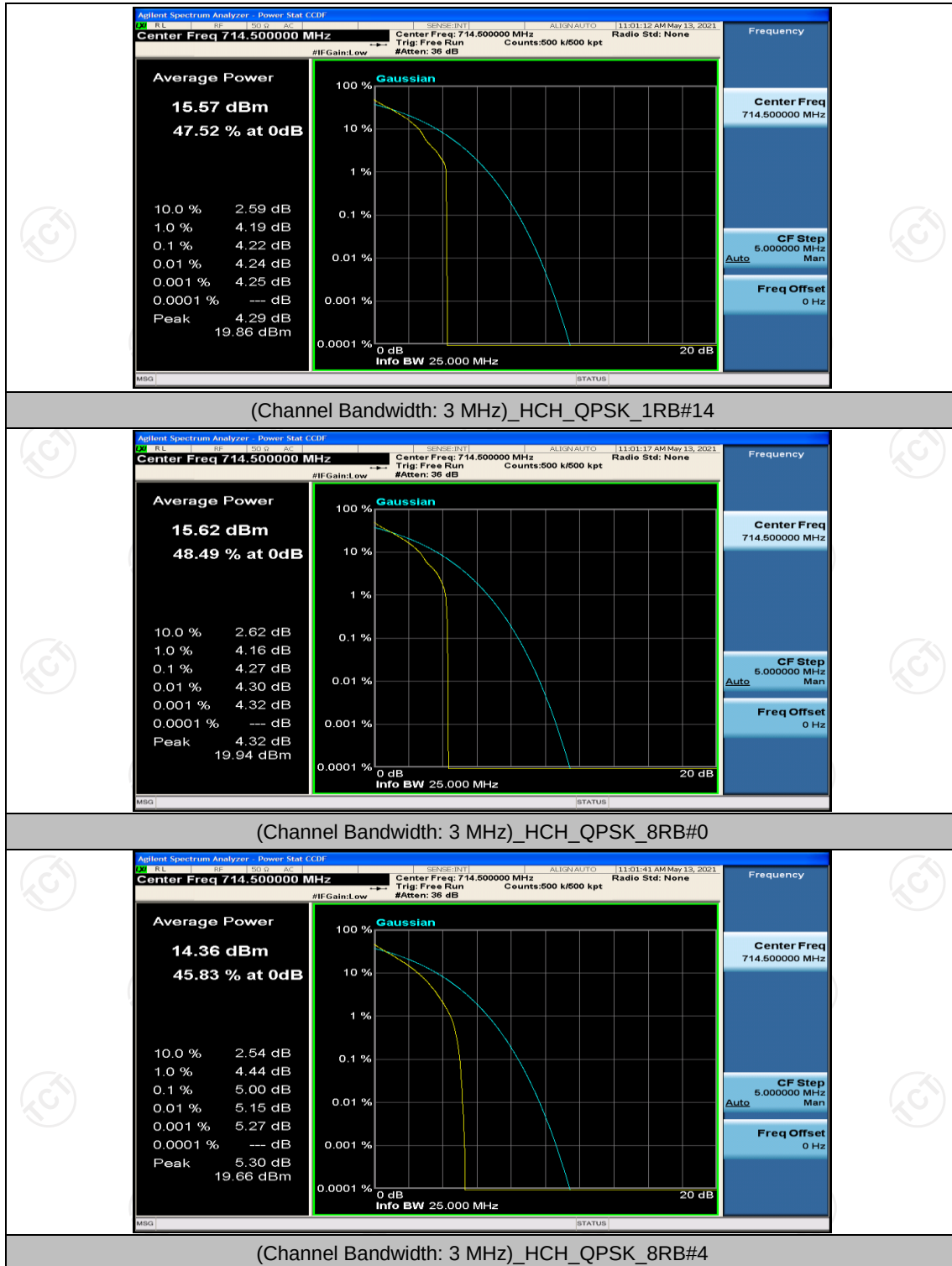
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0

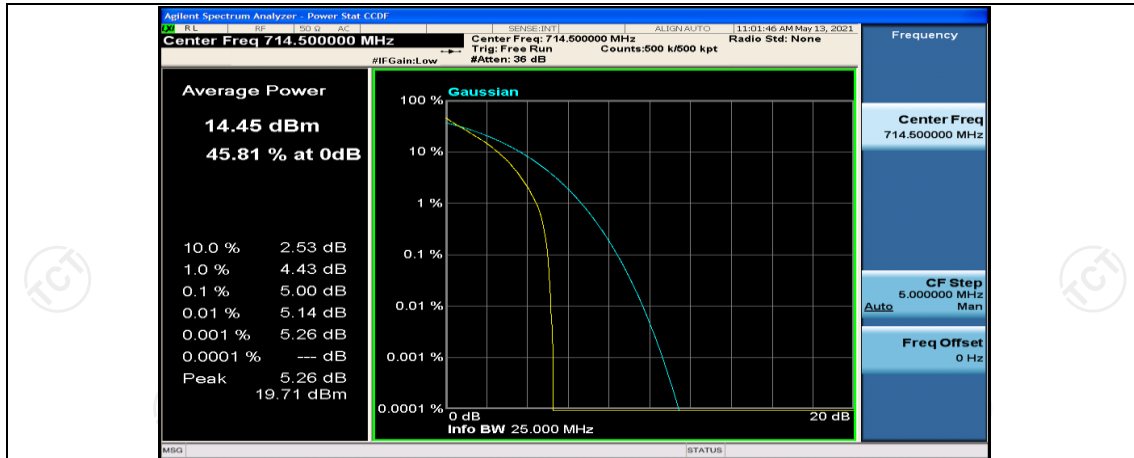


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

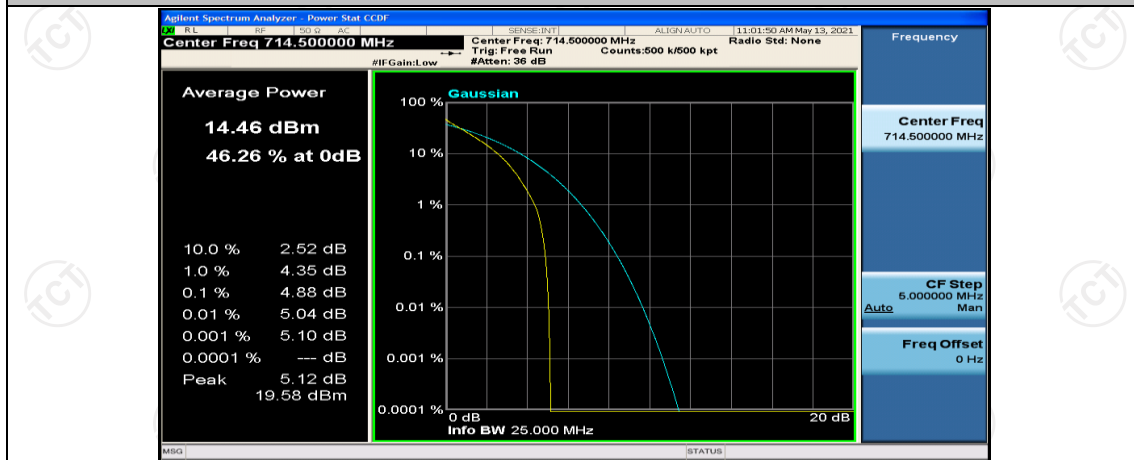


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7

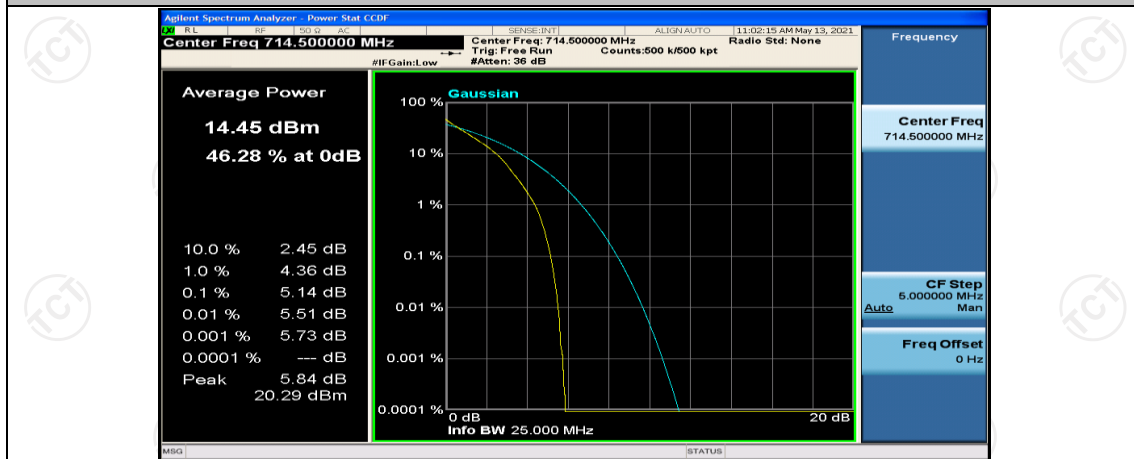




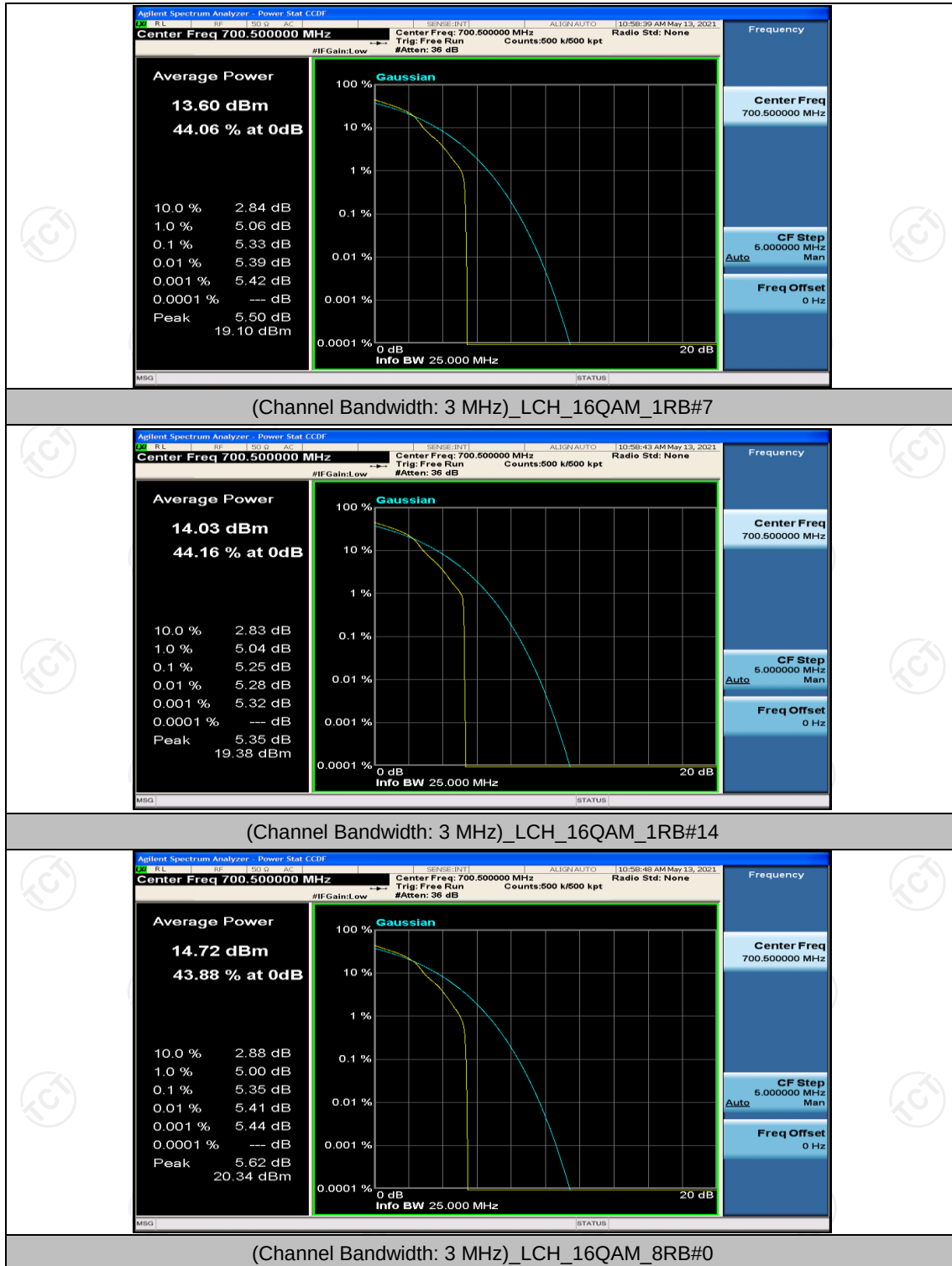
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7

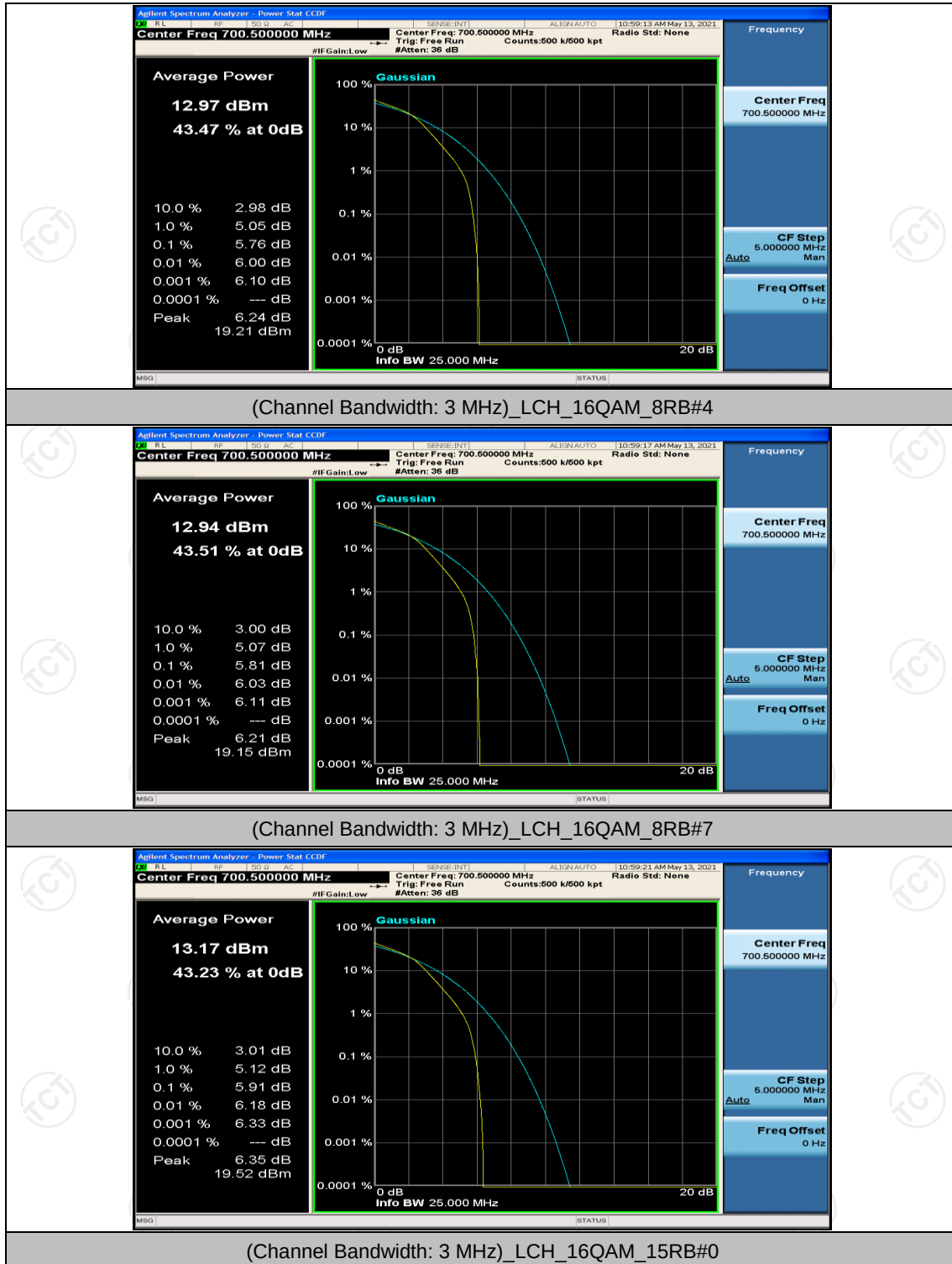


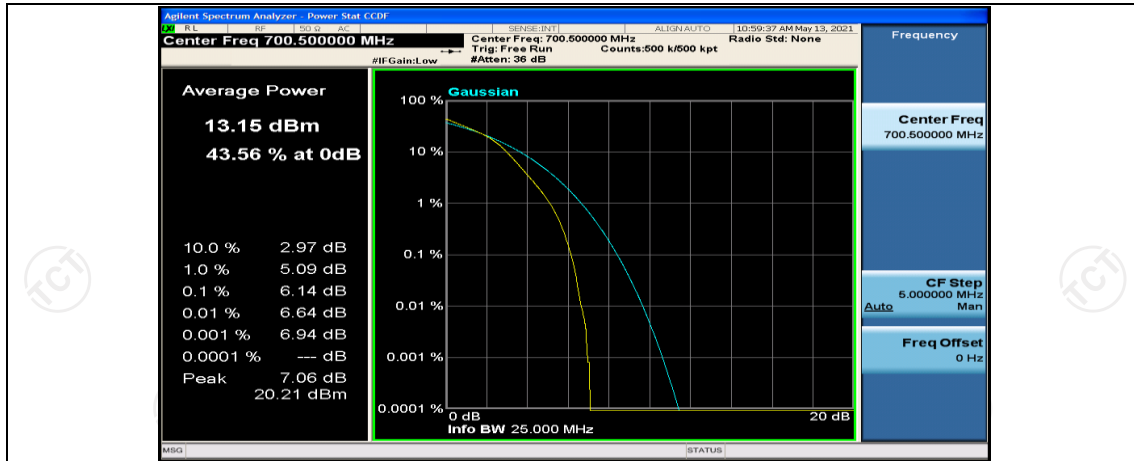
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



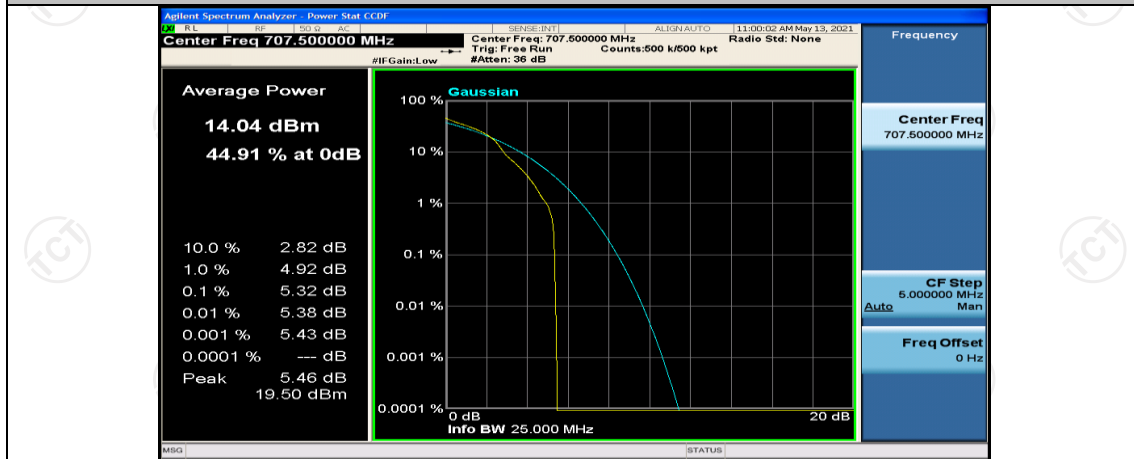
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



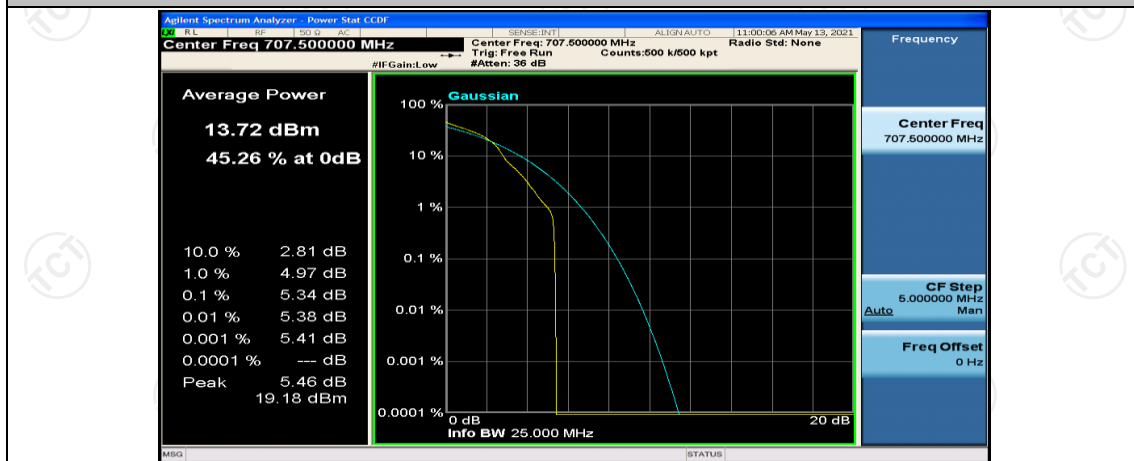




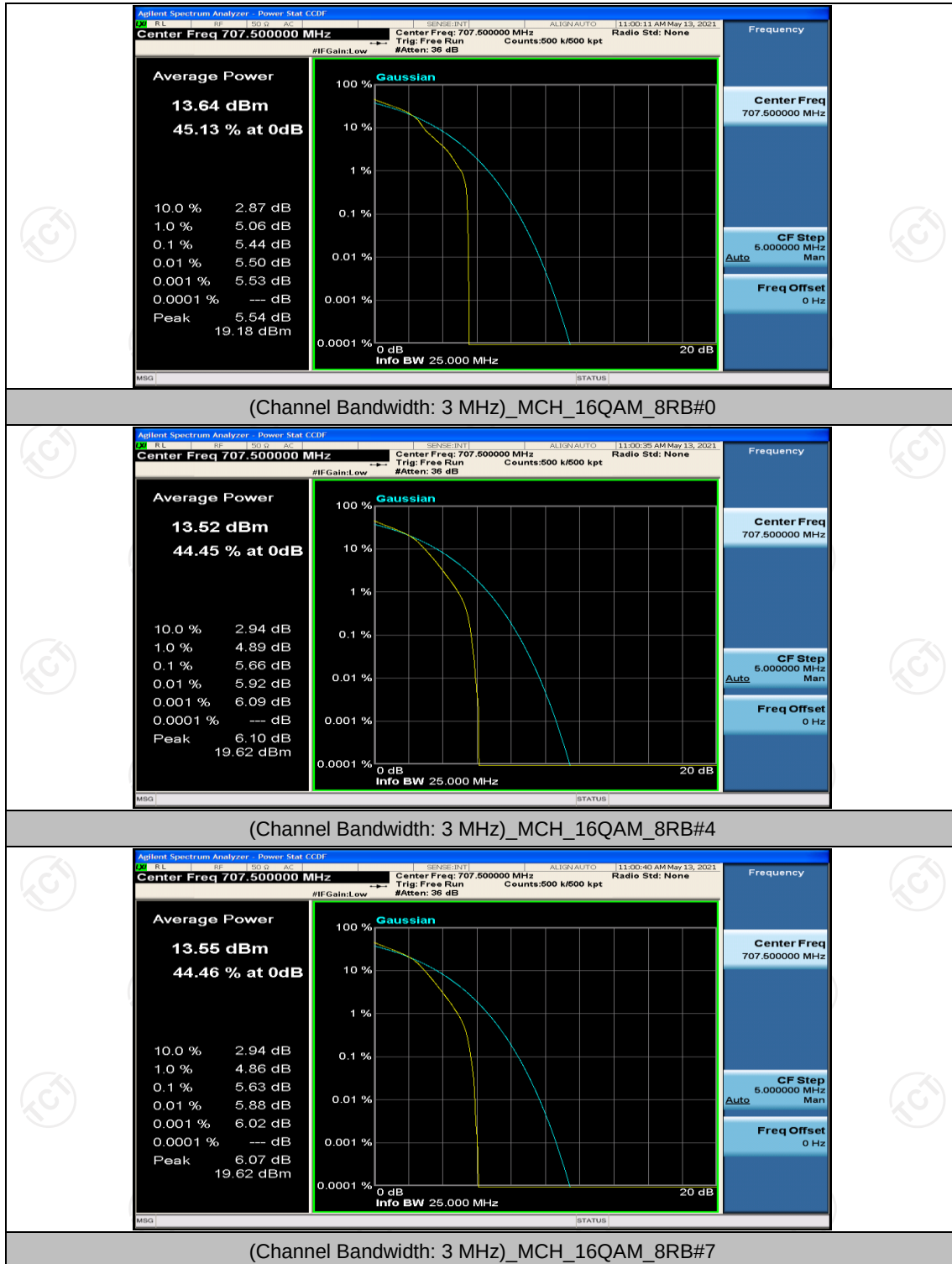
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

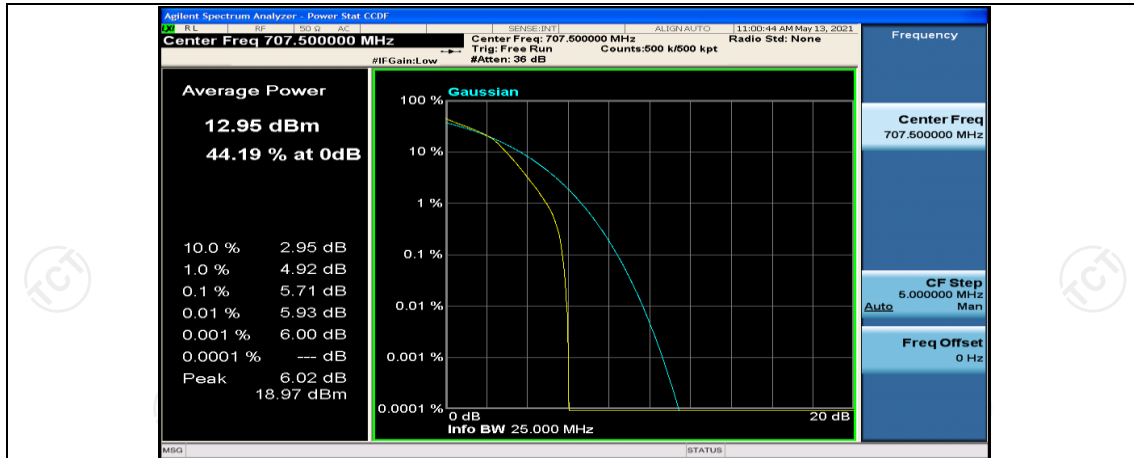


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

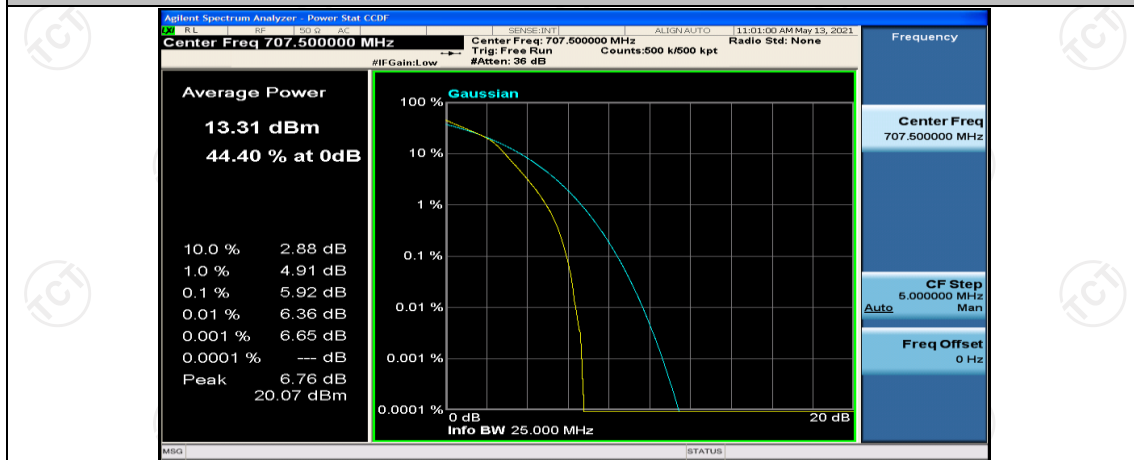


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

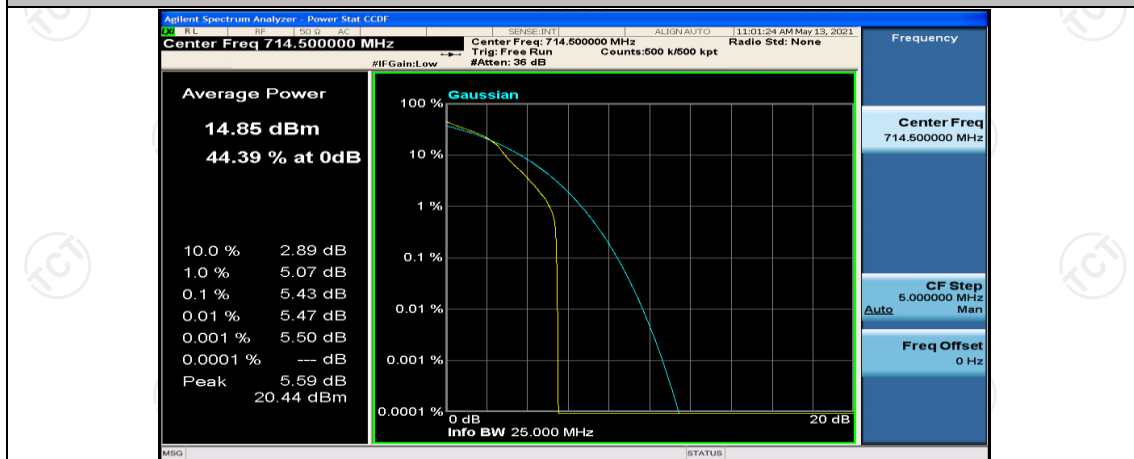




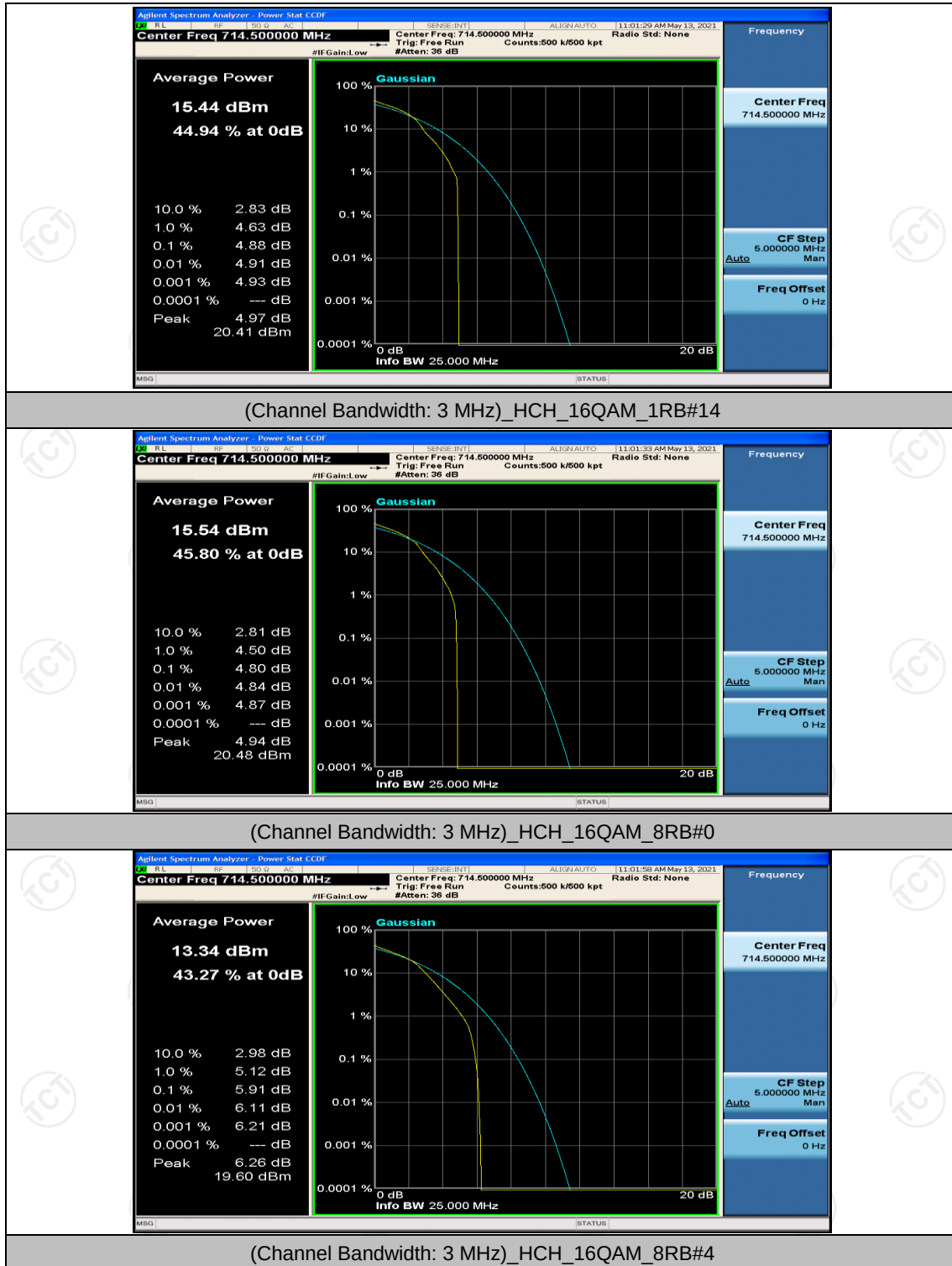
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0

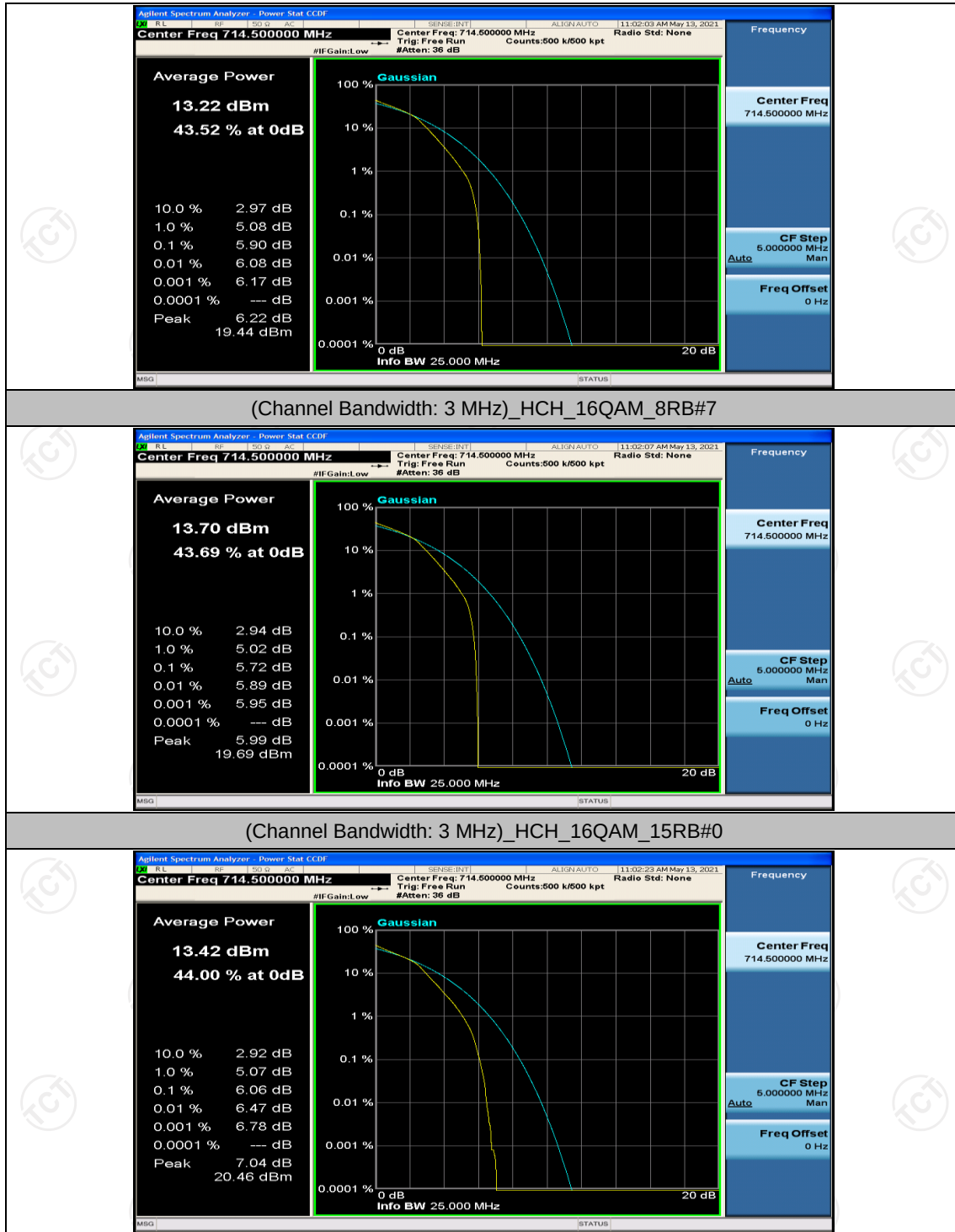


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7





Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0