

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.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.42	21.17	PASS
		1	3	23.43	21.18	PASS
		1	5	23.52	21.27	PASS
		3	0	23.44	21.19	PASS
		3	2	23.41	21.16	PASS
		3	3	23.38	21.13	PASS
		6	0	22.48	20.23	PASS
	MCH	1	0	23.47	21.22	PASS
		1	3	23.61	21.36	PASS
		1	5	23.60	21.35	PASS
		3	0	23.59	21.34	PASS
		3	2	23.56	21.31	PASS
		3	3	23.68	21.43	PASS
		6	0	22.58	20.33	PASS
	HCH	1	0	23.52	21.27	PASS
		1	3	23.45	21.20	PASS
		1	5	23.48	21.23	PASS
		3	0	23.59	21.34	PASS
		3	2	23.57	21.32	PASS
		3	3	23.40	21.15	PASS
		6	0	22.51	20.26	PASS
16QAM	LCH	1	0	22.49	20.24	PASS
		1	3	22.51	20.26	PASS
		1	5	22.47	20.22	PASS
		3	0	22.38	20.13	PASS
		3	2	22.39	20.14	PASS
		3	3	22.40	20.15	PASS
		6	0	21.74	19.49	PASS
	MCH	1	0	22.44	20.19	PASS
		1	3	22.46	20.21	PASS
		1	5	22.38	20.13	PASS
		3	0	22.38	20.13	PASS
		3	2	22.44	20.19	PASS

		3	3	22.41	20.16	PASS
		6	0	21.71	19.46	PASS
	HCH	1	0	22.81	20.56	PASS
		1	3	22.74	20.49	PASS
		1	5	22.78	20.53	PASS
		3	0	22.36	20.11	PASS
		3	2	22.38	20.13	PASS
		3	3	22.30	20.05	PASS
		6	0	21.69	19.44	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.37	21.12	PASS
		1	7	23.48	21.23	PASS
		1	14	23.49	21.24	PASS
		8	0	22.47	20.22	PASS
		8	4	22.56	20.31	PASS
		8	7	22.59	20.34	PASS
		15	0	22.42	20.17	PASS
	MCH	1	0	23.59	21.34	PASS
		1	7	23.59	21.34	PASS
		1	14	23.53	21.28	PASS
		8	0	22.57	20.32	PASS
		8	4	22.56	20.31	PASS
		8	7	22.47	20.22	PASS
		15	0	22.44	20.19	PASS
	HCH	1	0	23.52	21.27	PASS
		1	7	23.57	21.32	PASS
		1	14	23.49	21.24	PASS
		8	0	22.46	20.21	PASS
		8	4	22.46	20.21	PASS
		8	7	22.44	20.19	PASS
		15	0	22.49	20.24	PASS
16QAM	LCH	1	0	22.19	19.94	PASS
		1	7	22.21	19.96	PASS
		1	14	22.22	19.97	PASS
		8	0	21.74	19.49	PASS
		8	4	21.75	19.50	PASS
		8	7	21.57	19.32	PASS

	MCH	15	0	21.67	19.42	PASS
		1	0	22.28	20.03	PASS
		1	7	22.23	19.98	PASS
		1	14	22.16	19.91	PASS
		8	0	21.56	19.31	PASS
		8	4	21.57	19.32	PASS
		8	7	21.64	19.39	PASS
		15	0	21.48	19.23	PASS
	HCH	1	0	22.82	20.57	PASS
		1	7	22.74	20.49	PASS
		1	14	22.77	20.52	PASS
		8	0	21.59	19.34	PASS
		8	4	21.59	19.34	PASS
		8	7	21.53	19.28	PASS
		15	0	21.47	19.22	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.39	21.14	PASS
		1	12	23.51	21.26	PASS
		1	24	23.48	21.23	PASS
		12	0	22.47	20.22	PASS
		12	6	22.47	20.22	PASS
		12	13	22.56	20.31	PASS
		25	0	22.39	20.14	PASS
	MCH	1	0	23.44	21.19	PASS
		1	12	23.47	21.22	PASS
		1	24	23.45	21.20	PASS
		12	0	22.60	20.35	PASS
		12	6	22.59	20.34	PASS
		12	13	22.49	20.24	PASS
		25	0	22.46	20.21	PASS
	HCH	1	0	23.71	21.46	PASS
		1	12	23.62	21.37	PASS
		1	24	23.64	21.39	PASS
		12	0	22.45	20.20	PASS
		12	6	22.45	20.20	PASS
		12	13	22.58	20.33	PASS
		25	0	22.52	20.27	PASS

16QAM	LCH	1	0	21.87	19.62	PASS
		1	12	21.81	19.56	PASS
		1	24	21.86	19.61	PASS
		12	0	21.63	19.38	PASS
		12	6	21.64	19.39	PASS
		12	13	21.46	19.21	PASS
		25	0	21.59	19.34	PASS
	MCH	1	0	22.71	20.46	PASS
		1	12	22.63	20.38	PASS
		1	24	22.70	20.45	PASS
		12	0	21.51	19.26	PASS
		12	6	21.53	19.28	PASS
		12	13	21.65	19.40	PASS
		25	0	21.59	19.34	PASS
	HCH	1	0	22.27	20.02	PASS
		1	12	22.26	20.01	PASS
		1	24	22.28	20.03	PASS
		12	0	21.43	19.18	PASS
		12	6	21.45	19.20	PASS
		12	13	21.43	19.18	PASS
		25	0	21.49	19.24	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.45	21.20	PASS
		1	24	23.49	21.24	PASS
		1	49	23.49	21.24	PASS
		25	0	22.53	20.28	PASS
		25	12	22.53	20.28	PASS
		25	25	22.67	20.42	PASS
		50	0	22.54	20.29	PASS
	MCH	1	0	23.46	21.21	PASS
		1	24	23.54	21.29	PASS
		1	49	23.52	21.27	PASS
		25	0	22.71	20.46	PASS
		25	12	22.69	20.44	PASS
		25	25	22.63	20.38	PASS
		50	0	22.55	20.30	PASS
	HCH	1	0	23.57	21.32	PASS

		1	24	23.56	21.31	PASS
		1	49	23.42	21.17	PASS
		25	0	22.50	20.25	PASS
		25	12	22.51	20.26	PASS
		25	25	22.55	20.30	PASS
		50	0	22.59	20.34	PASS
16QAM	LCH	1	0	22.45	20.20	PASS
		1	24	22.51	20.26	PASS
		1	49	22.51	20.26	PASS
		25	0	21.45	19.20	PASS
		25	12	21.46	19.21	PASS
		25	25	21.46	19.21	PASS
		50	0	21.53	19.28	PASS
	MCH	1	0	22.34	20.09	PASS
		1	24	22.36	20.11	PASS
		1	49	22.31	20.06	PASS
		25	0	21.64	19.39	PASS
		25	12	21.65	19.40	PASS
		25	25	21.70	19.45	PASS
		50	0	21.58	19.33	PASS
	HCH	1	0	23.15	20.90	PASS
		1	24	23.08	20.83	PASS
		1	49	22.93	20.68	PASS
		25	0	21.70	19.45	PASS
		25	12	21.66	19.41	PASS
		25	25	21.63	19.38	PASS
		50	0	21.73	19.48	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	4.64	<13	PASS
		1	3	4.63	<13	PASS
		1	5	4.67	<13	PASS
		3	0	4.76	<13	PASS
		3	2	4.87	<13	PASS
		3	3	4.84	<13	PASS
		6	0	5.17	<13	PASS
	MCH	1	0	4.50	<13	PASS
		1	3	4.49	<13	PASS
		1	5	4.48	<13	PASS
		3	0	4.58	<13	PASS
		3	2	4.64	<13	PASS
		3	3	4.66	<13	PASS
		6	0	5.00	<13	PASS
	HCH	1	0	4.04	<13	PASS
		1	3	3.80	<13	PASS
		1	5	3.72	<13	PASS
		3	0	4.04	<13	PASS
		3	2	4.05	<13	PASS
		3	3	3.87	<13	PASS
		6	0	4.55	<13	PASS
16QAM	LCH	1	0	5.43	<13	PASS
		1	3	5.59	<13	PASS
		1	5	5.47	<13	PASS
		3	0	5.63	<13	PASS
		3	2	5.57	<13	PASS
		3	3	5.53	<13	PASS
		6	0	6.04	<13	PASS
	MCH	1	0	5.27	<13	PASS
		1	3	5.38	<13	PASS
		1	5	5.26	<13	PASS
		3	0	5.42	<13	PASS

		3	2	5.46	<13	PASS
		3	3	5.50	<13	PASS
		6	0	6.00	<13	PASS
	HCH	1	0	4.74	<13	PASS
		1	3	4.55	<13	PASS
		1	5	4.39	<13	PASS
		3	0	4.96	<13	PASS
		3	2	5.02	<13	PASS
		3	3	4.72	<13	PASS
		6	0	5.39	<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	4.66	<13	PASS
		1	7	4.64	<13	PASS
		1	14	4.79	<13	PASS
		8	0	5.27	<13	PASS
		8	4	5.26	<13	PASS
		8	7	5.27	<13	PASS
		15	0	5.30	<13	PASS
	MCH	1	0	4.33	<13	PASS
		1	7	4.34	<13	PASS
		1	14	4.59	<13	PASS
		8	0	5.09	<13	PASS
		8	4	5.10	<13	PASS
		8	7	5.24	<13	PASS
		15	0	5.10	<13	PASS
	HCH	1	0	4.45	<13	PASS
		1	7	3.91	<13	PASS
		1	14	3.46	<13	PASS
		8	0	5.11	<13	PASS
		8	4	5.10	<13	PASS
		8	7	4.64	<13	PASS
		15	0	4.80	<13	PASS
16QAM	LCH	1	0	5.56	<13	PASS
		1	7	5.72	<13	PASS
		1	14	5.82	<13	PASS
		8	0	6.08	<13	PASS
		8	4	6.07	<13	PASS

		8	7	6.20	<13	PASS
		15	0	6.08	<13	PASS
	MCH	1	0	5.22	<13	PASS
		1	7	5.38	<13	PASS
		1	14	5.40	<13	PASS
		8	0	5.93	<13	PASS
		8	4	5.88	<13	PASS
		8	7	5.83	<13	PASS
		15	0	5.89	<13	PASS
		1	0	5.43	<13	PASS
	HCH	1	7	4.64	<13	PASS
		1	14	4.30	<13	PASS
		8	0	5.88	<13	PASS
		8	4	5.88	<13	PASS
		8	7	5.52	<13	PASS
		15	0	5.67	<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	4.86	<13	PASS
		1	12	4.96	<13	PASS
		1	24	4.82	<13	PASS
		12	0	5.21	<13	PASS
		12	6	5.20	<13	PASS
		12	13	5.23	<13	PASS
		25	0	5.24	<13	PASS
	MCH	1	0	4.63	<13	PASS
		1	12	4.53	<13	PASS
		1	24	4.85	<13	PASS
		12	0	5.07	<13	PASS
		12	6	5.09	<13	PASS
		12	13	5.22	<13	PASS
		25	0	5.15	<13	PASS
	HCH	1	0	4.88	<13	PASS
		1	12	4.30	<13	PASS
		1	24	3.41	<13	PASS
		12	0	5.43	<13	PASS
		12	6	5.40	<13	PASS
		12	13	4.80	<13	PASS

		25	0	5.12	<13	PASS
16QAM	LCH	1	0	5.82	<13	PASS
		1	12	5.74	<13	PASS
		1	24	5.73	<13	PASS
		12	0	5.99	<13	PASS
		12	6	6.02	<13	PASS
		12	13	6.05	<13	PASS
		25	0	6.01	<13	PASS
	MCH	1	0	5.25	<13	PASS
		1	12	5.25	<13	PASS
		1	24	5.44	<13	PASS
		12	0	5.92	<13	PASS
		12	6	5.97	<13	PASS
		12	13	5.91	<13	PASS
		25	0	5.90	<13	PASS
	HCH	1	0	5.61	<13	PASS
		1	12	5.14	<13	PASS
		1	24	4.37	<13	PASS
		12	0	6.16	<13	PASS
		12	6	6.10	<13	PASS
		12	13	5.72	<13	PASS
		25	0	5.89	<13	PASS

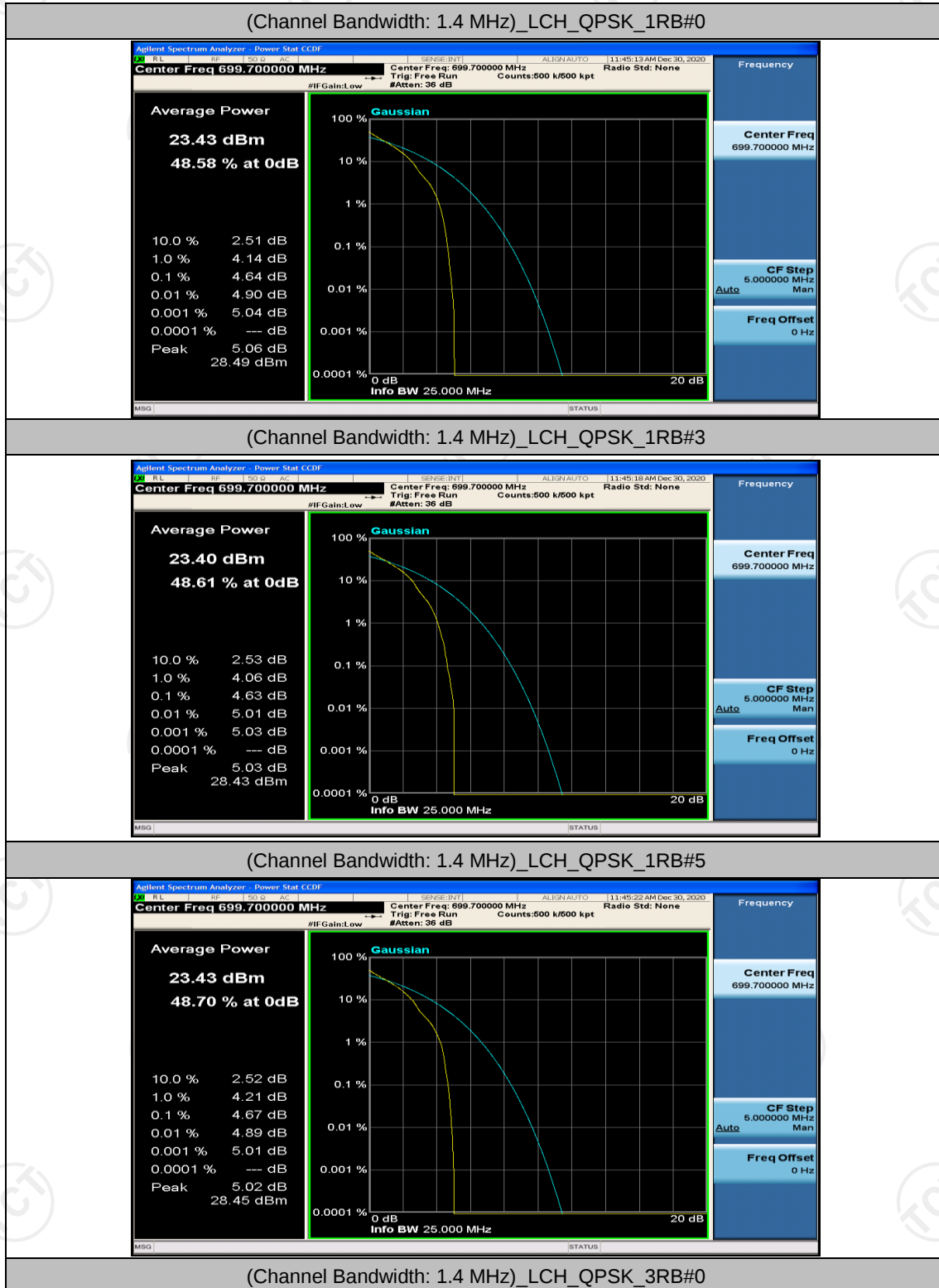
Channel Bandwidth: 10 MHz

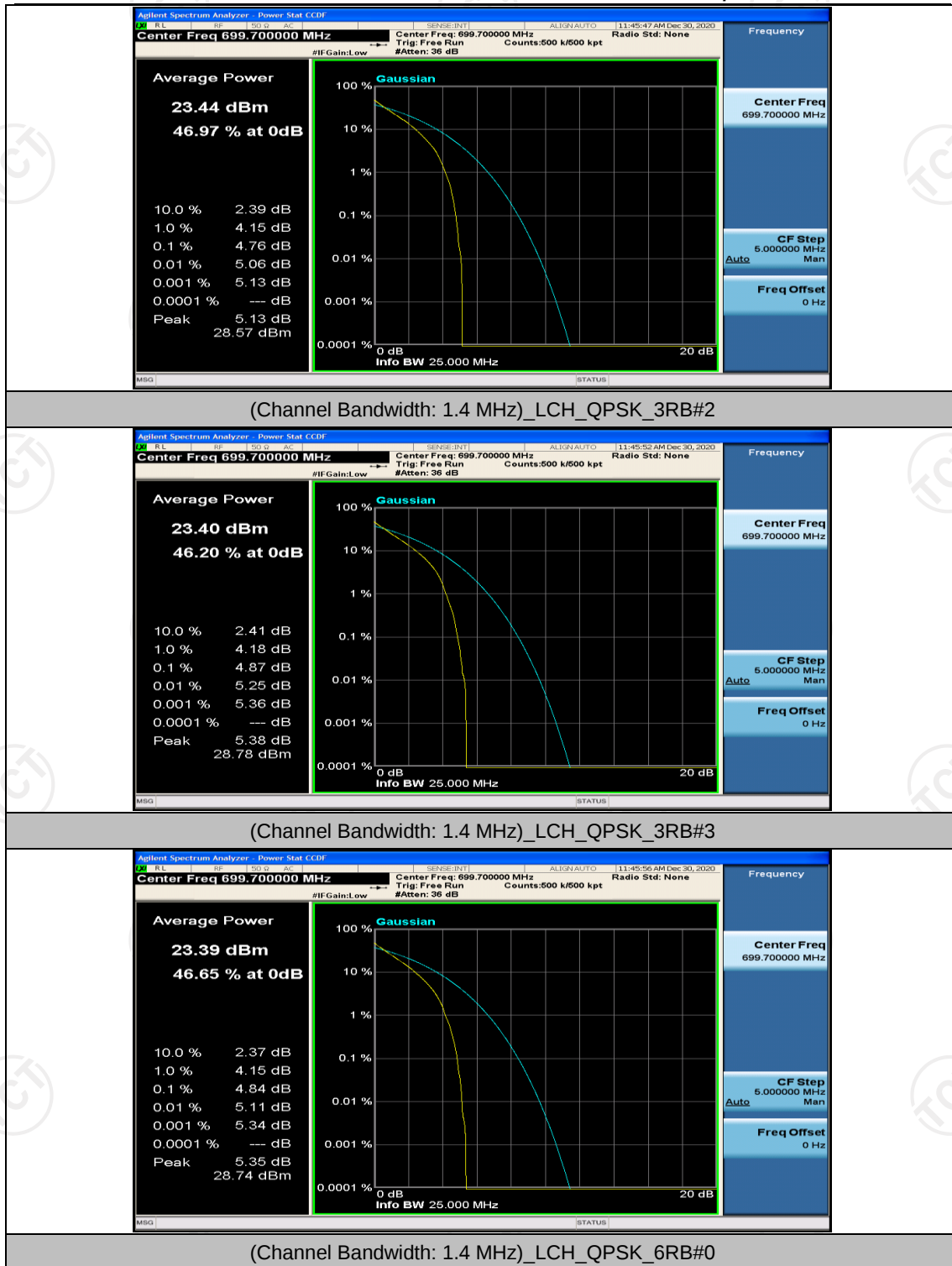
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.61	<13	PASS
		1	24	4.57	<13	PASS
		1	49	4.47	<13	PASS
		25	0	5.29	<13	PASS
		25	12	5.29	<13	PASS
		25	25	5.12	<13	PASS
		50	0	5.25	<13	PASS
	MCH	1	0	4.54	<13	PASS
		1	24	4.39	<13	PASS
		1	49	4.80	<13	PASS
		25	0	5.13	<13	PASS
		25	12	5.12	<13	PASS
		25	25	5.26	<13	PASS
		50	0	5.21	<13	PASS

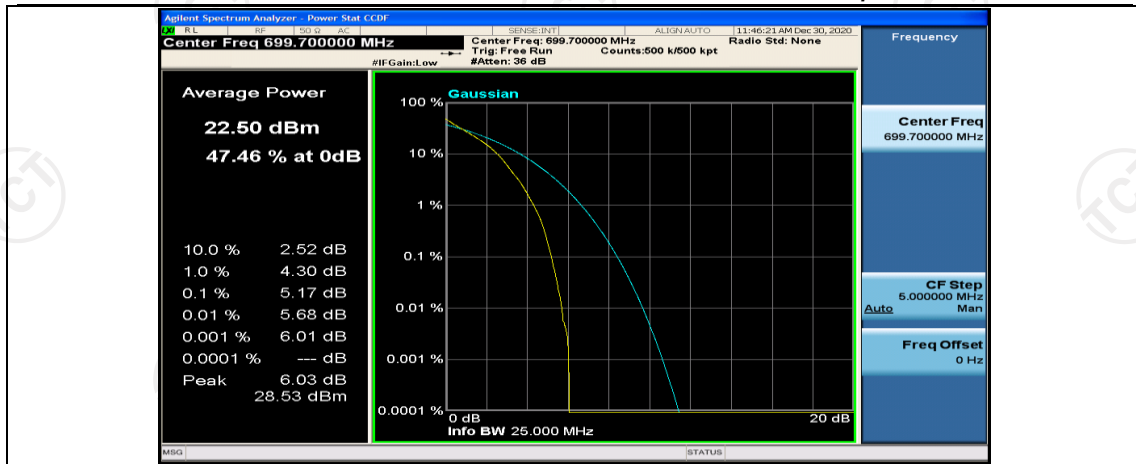
	HCH	1	0	4.46	<13	PASS
		1	24	4.99	<13	PASS
		1	49	3.76	<13	PASS
		25	0	5.14	<13	PASS
		25	12	5.10	<13	PASS
		25	25	5.11	<13	PASS
		50	0	5.21	<13	PASS
16QAM	LCH	1	0	5.69	<13	PASS
		1	24	5.63	<13	PASS
		1	49	5.70	<13	PASS
		25	0	6.15	<13	PASS
		25	12	6.15	<13	PASS
		25	25	6.02	<13	PASS
		50	0	5.97	<13	PASS
	MCH	1	0	5.40	<13	PASS
		1	24	5.24	<13	PASS
		1	49	5.57	<13	PASS
		25	0	5.97	<13	PASS
		25	12	5.96	<13	PASS
		25	25	6.10	<13	PASS
		50	0	5.96	<13	PASS
	HCH	1	0	5.12	<13	PASS
		1	24	5.55	<13	PASS
		1	49	4.22	<13	PASS
		25	0	5.97	<13	PASS
		25	12	5.95	<13	PASS
		25	25	5.96	<13	PASS
		50	0	5.96	<13	PASS

Test Graphs

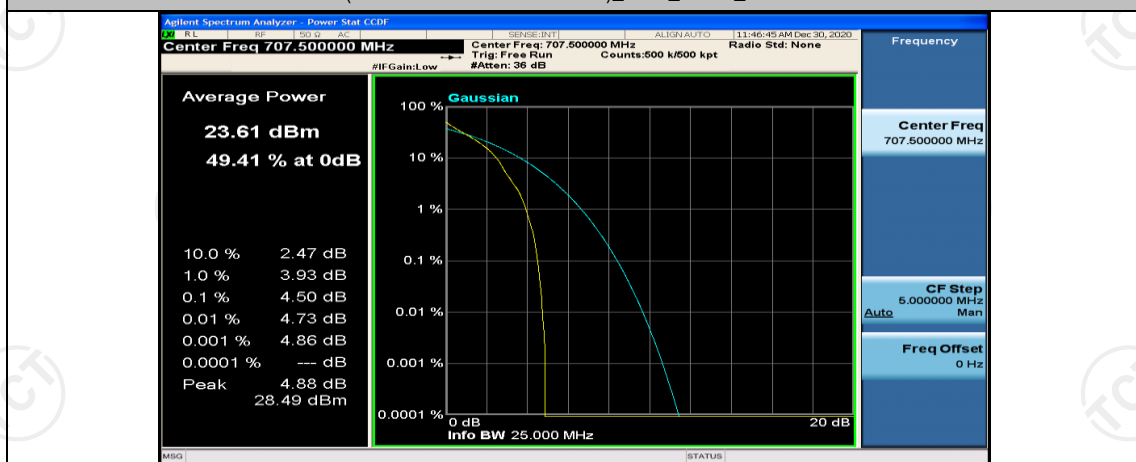
Channel Bandwidth: 1.4 MHz



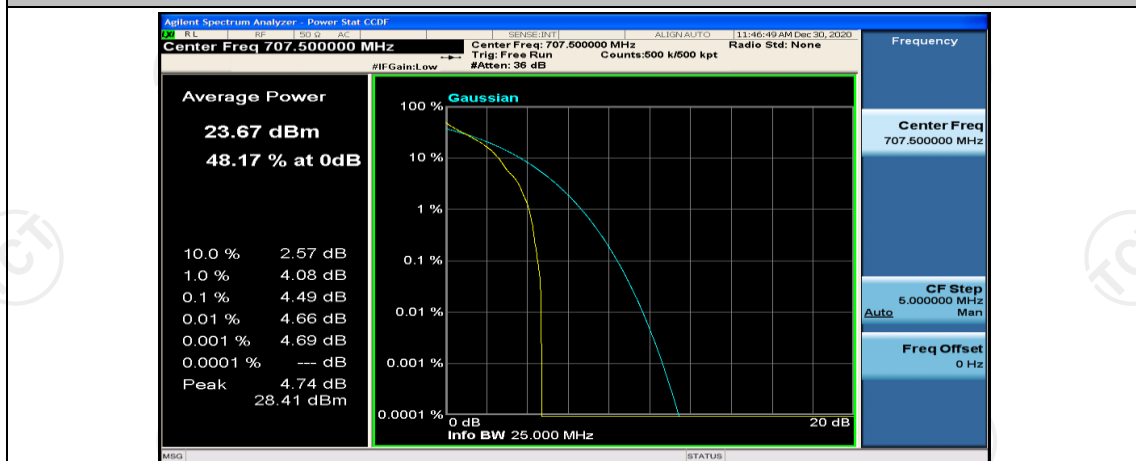




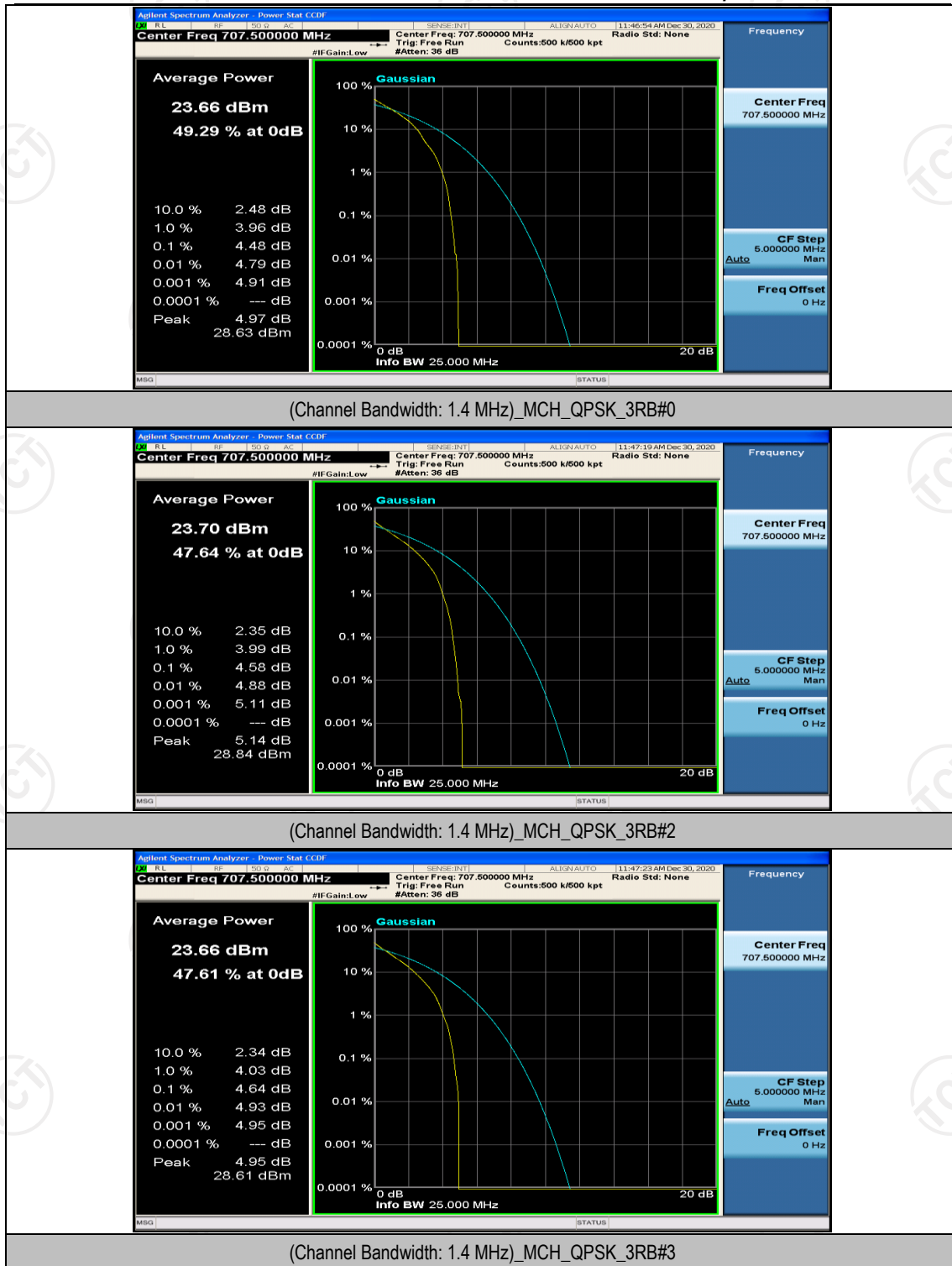
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

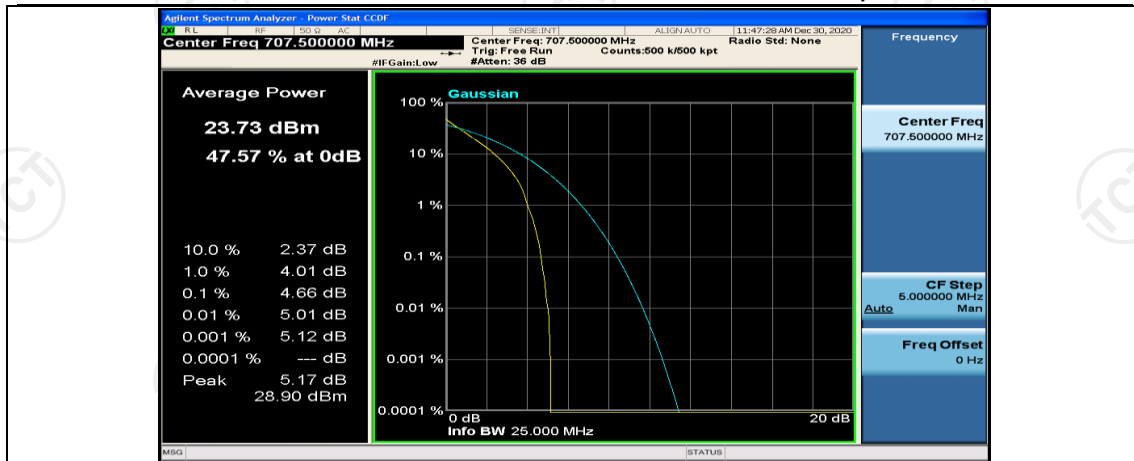


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

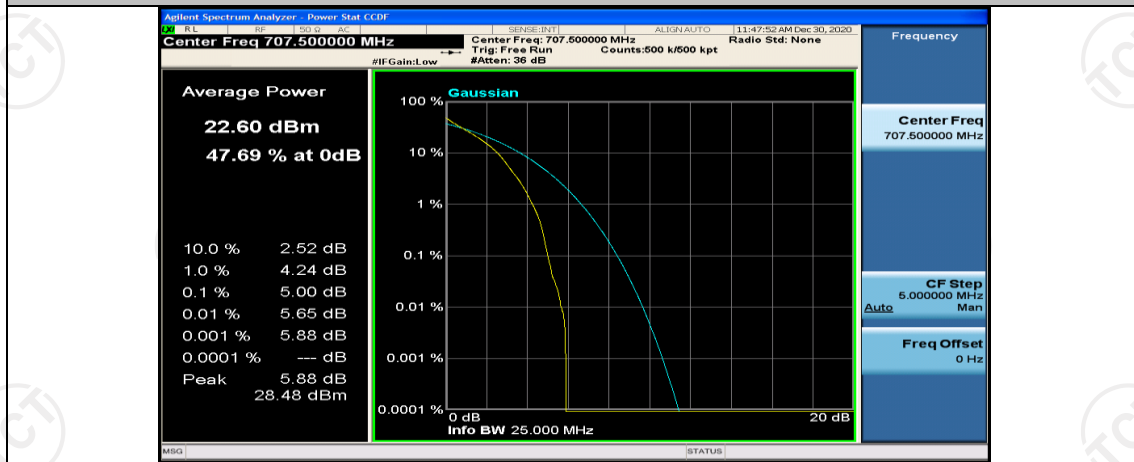


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

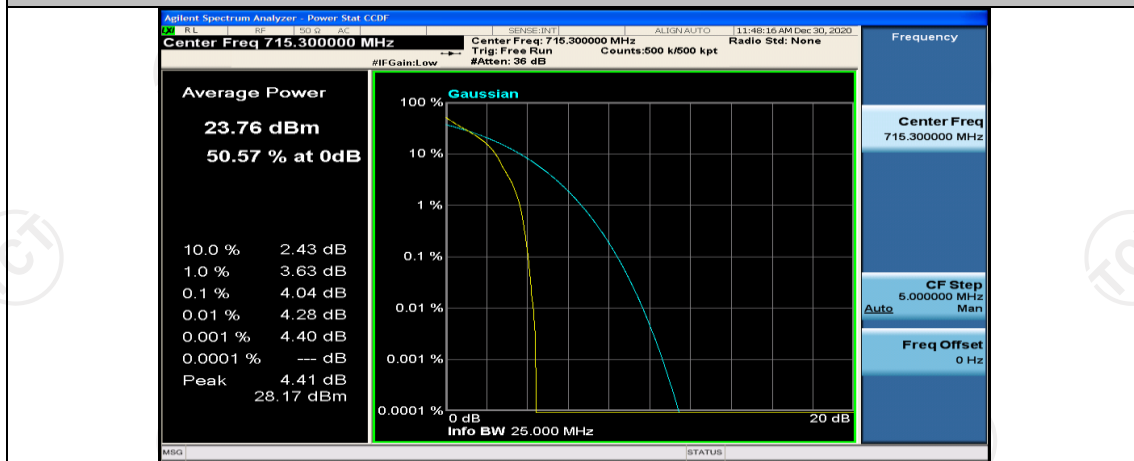




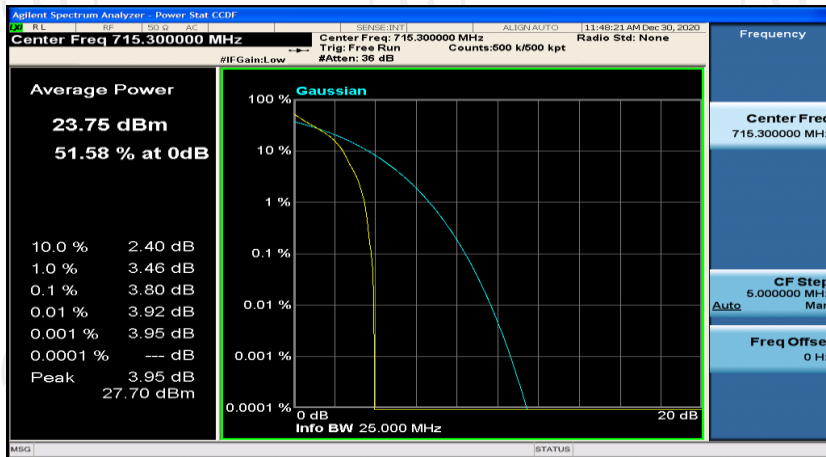
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



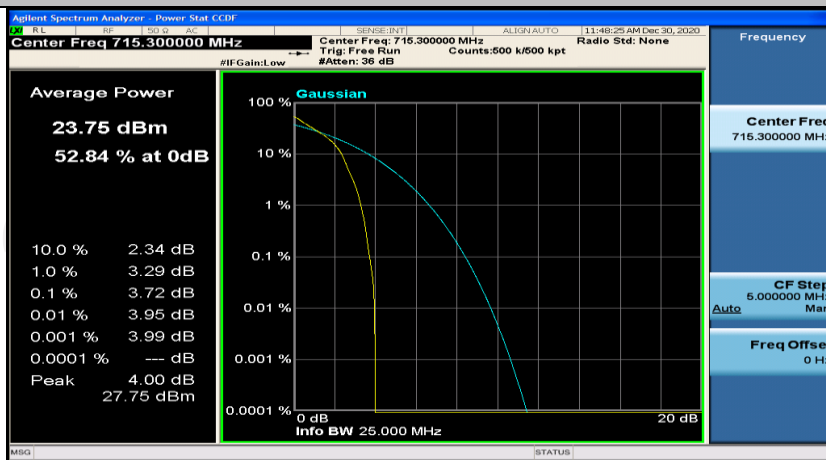
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



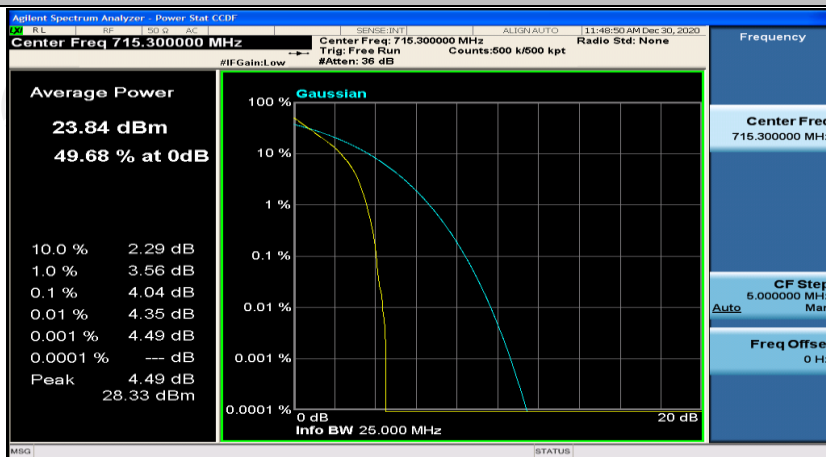
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



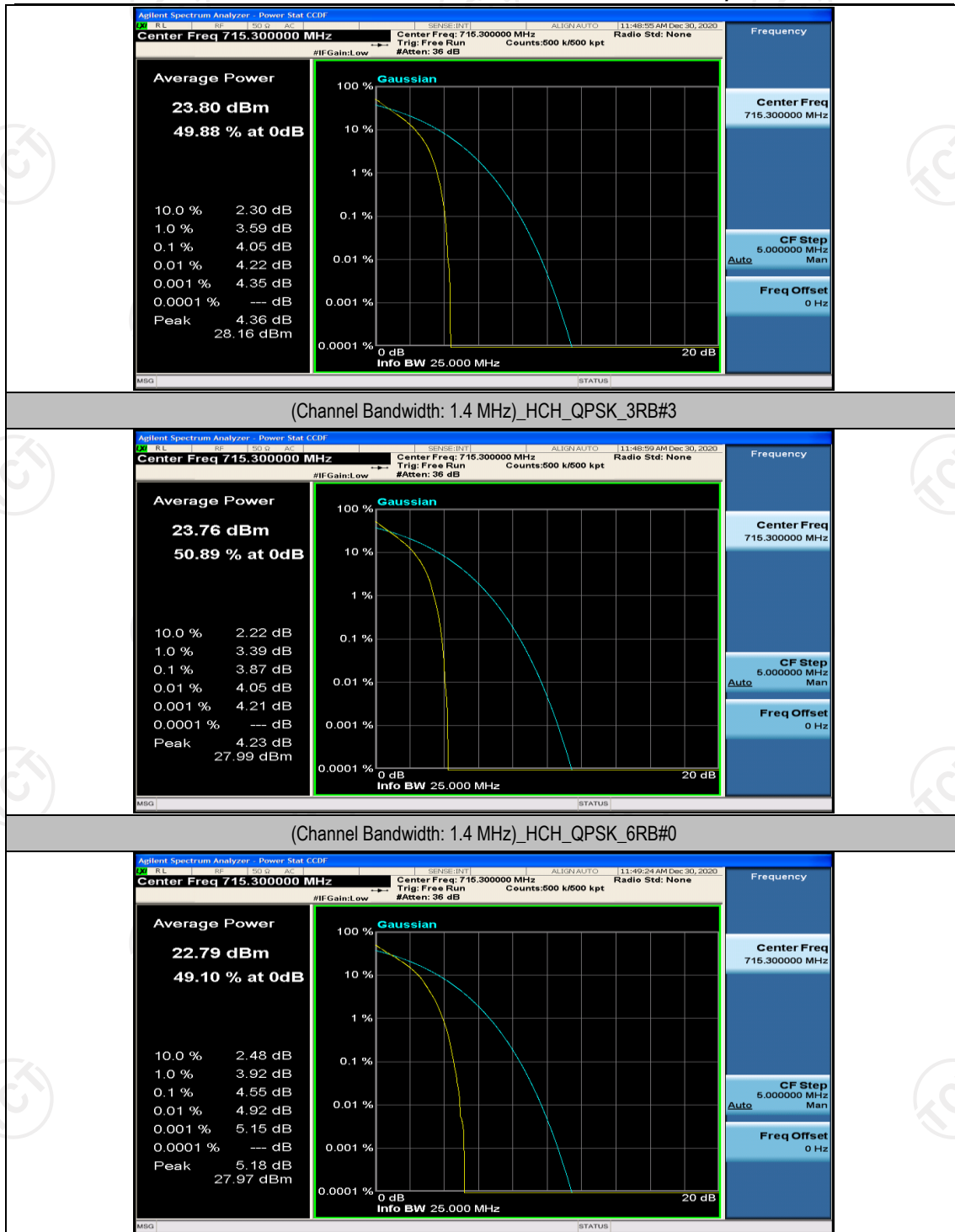
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



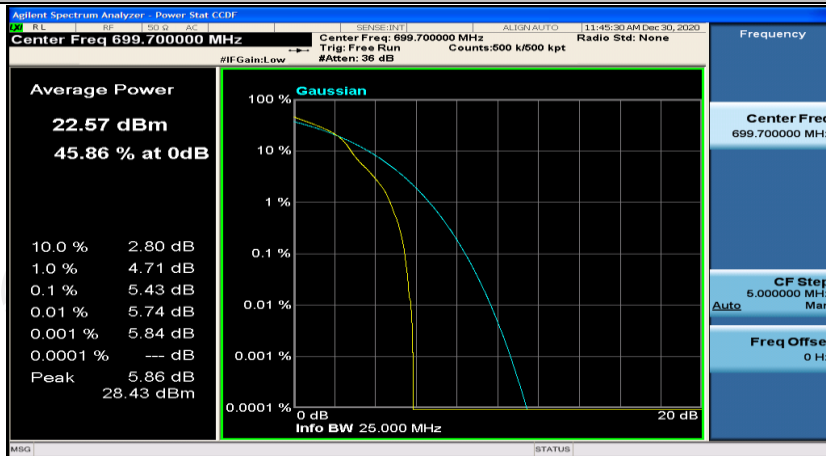
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



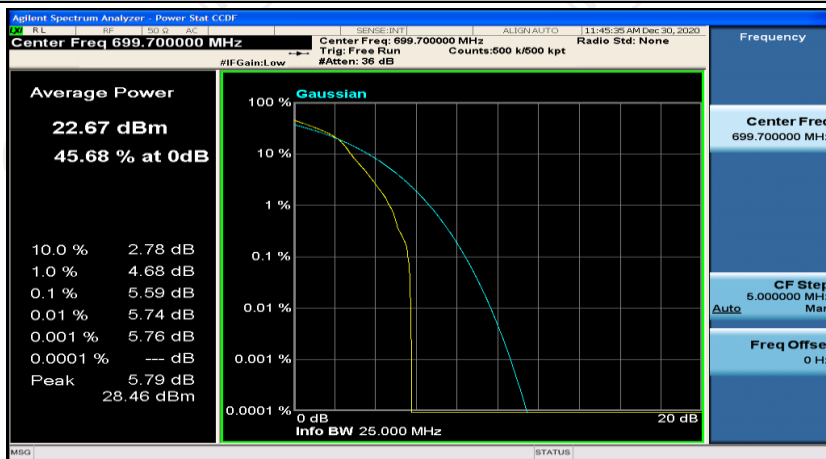
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



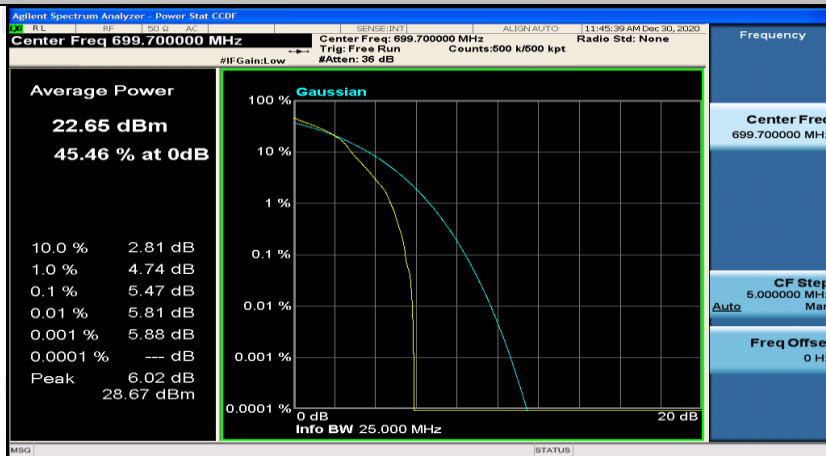
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



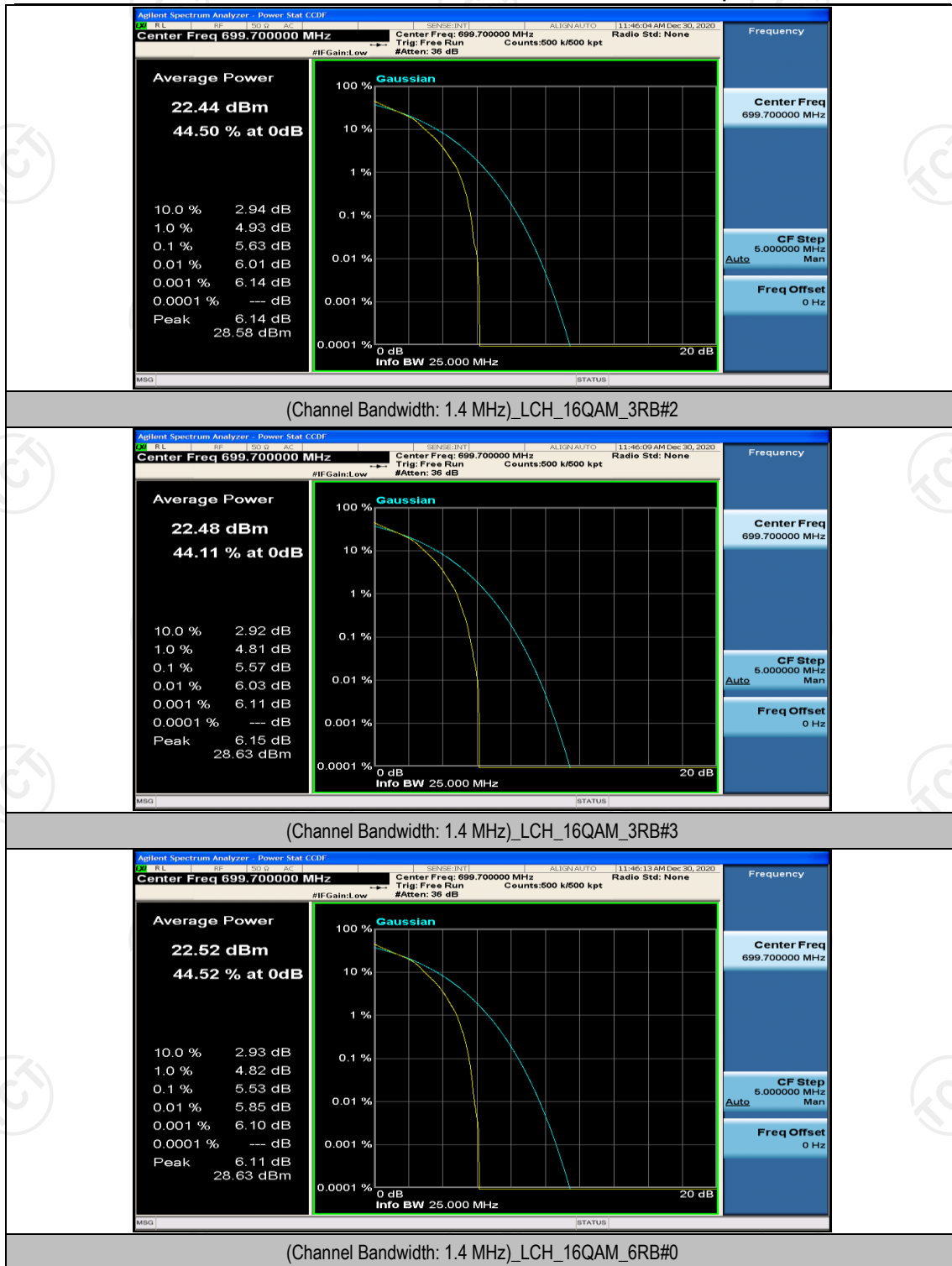
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5

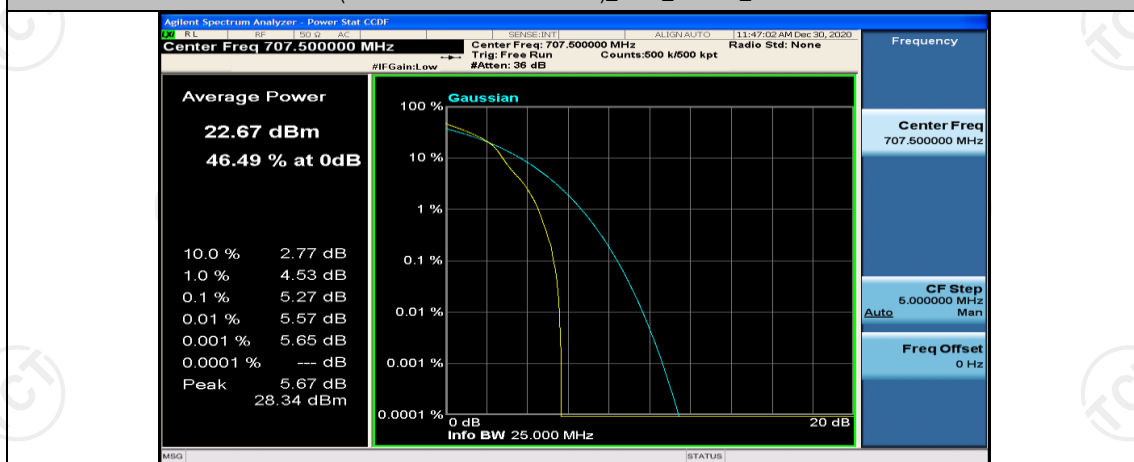


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0

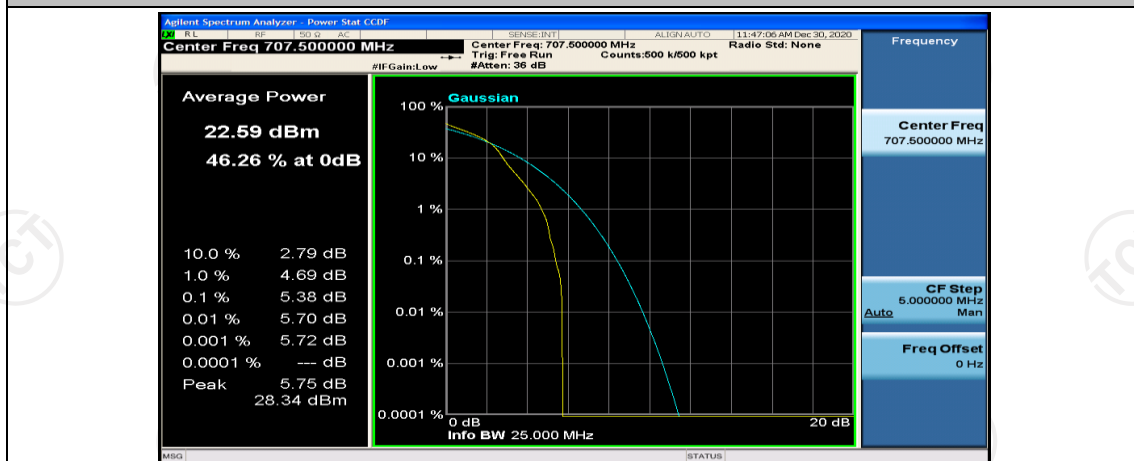




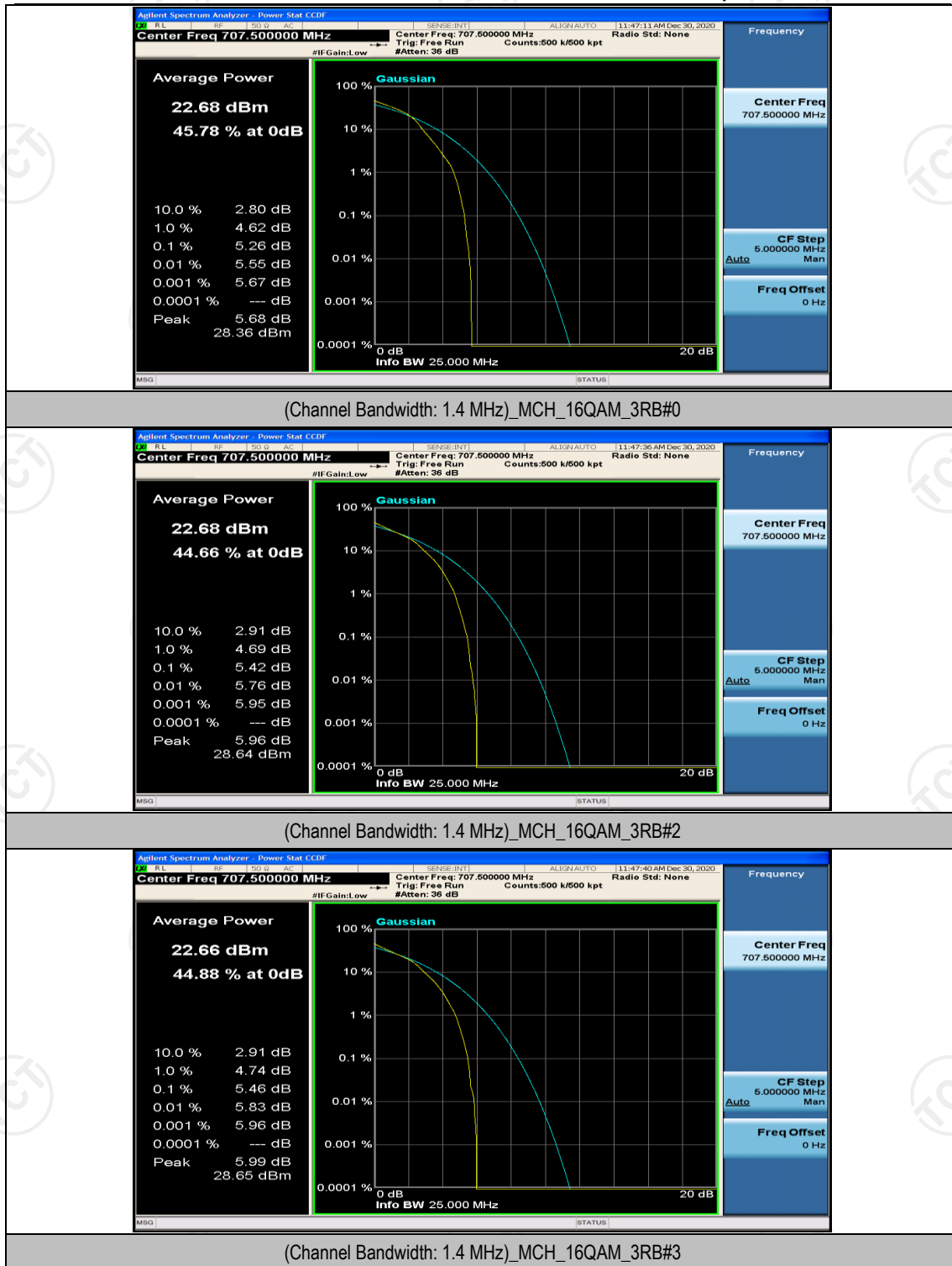
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

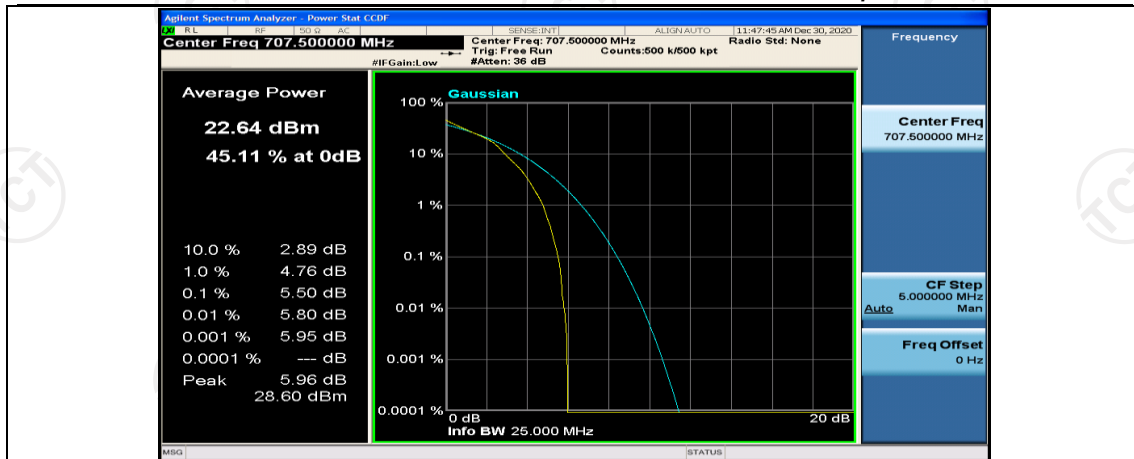


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

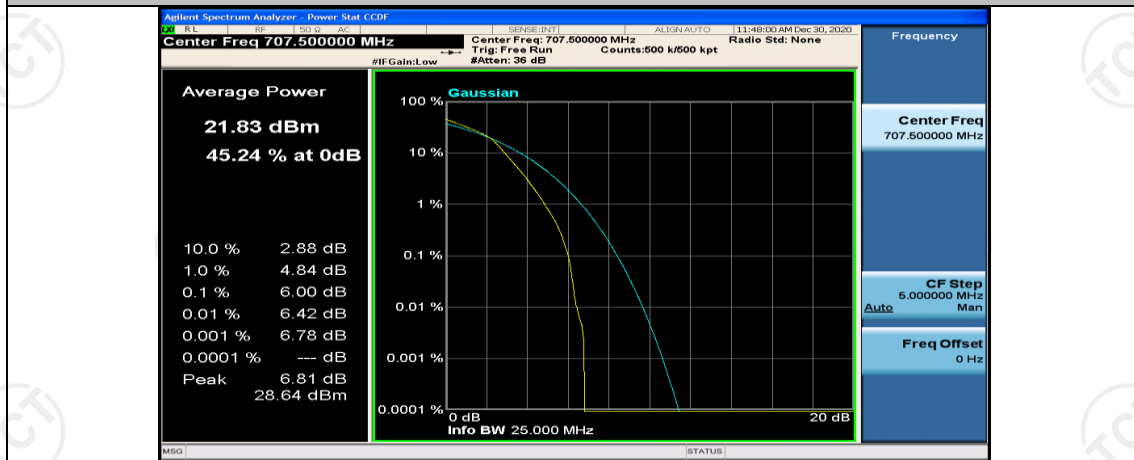


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5

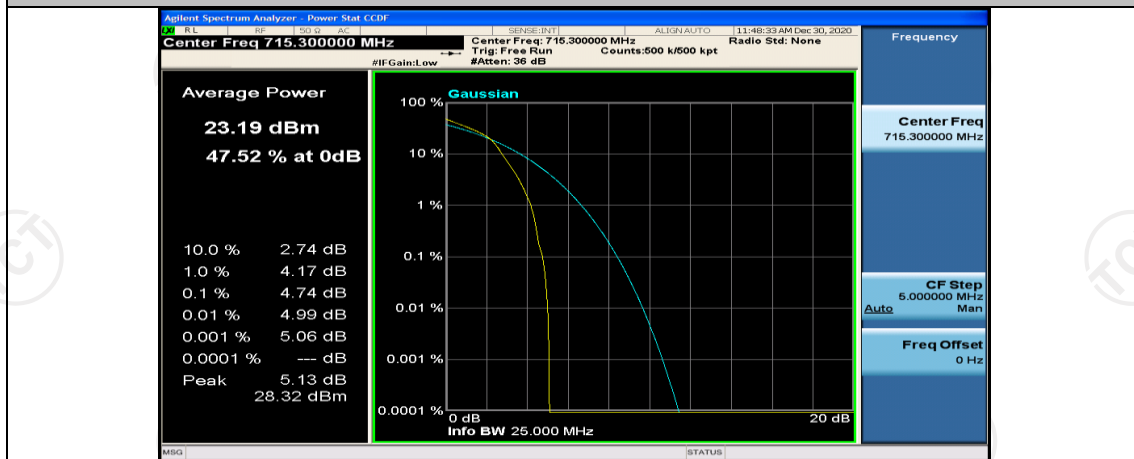




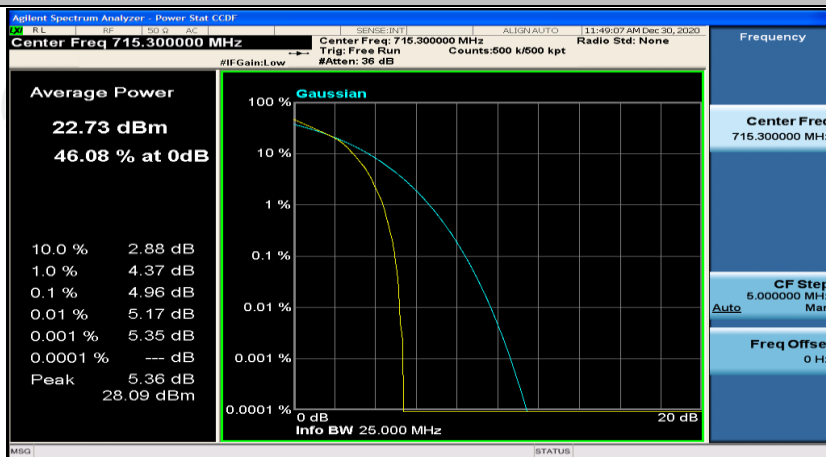
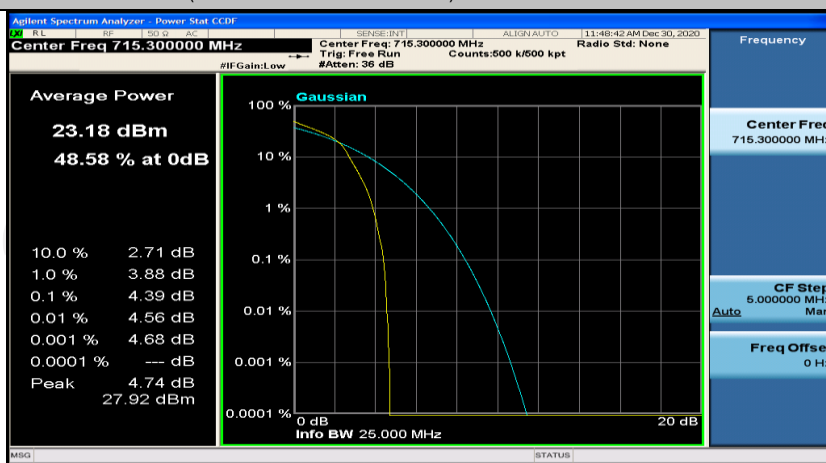
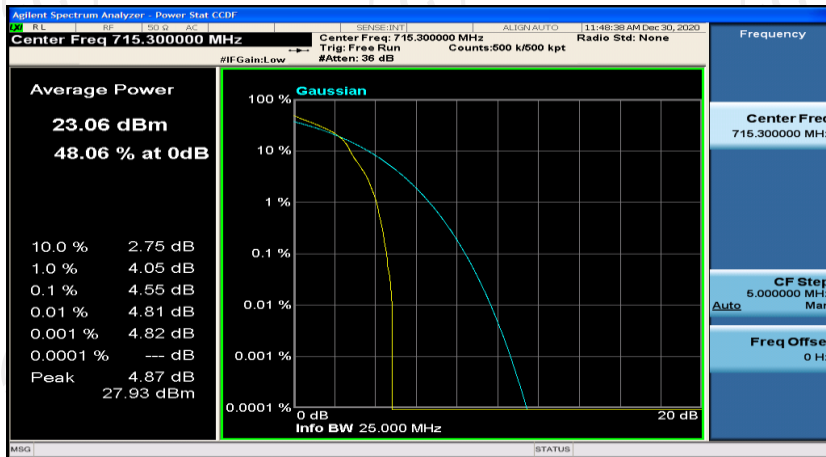
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0

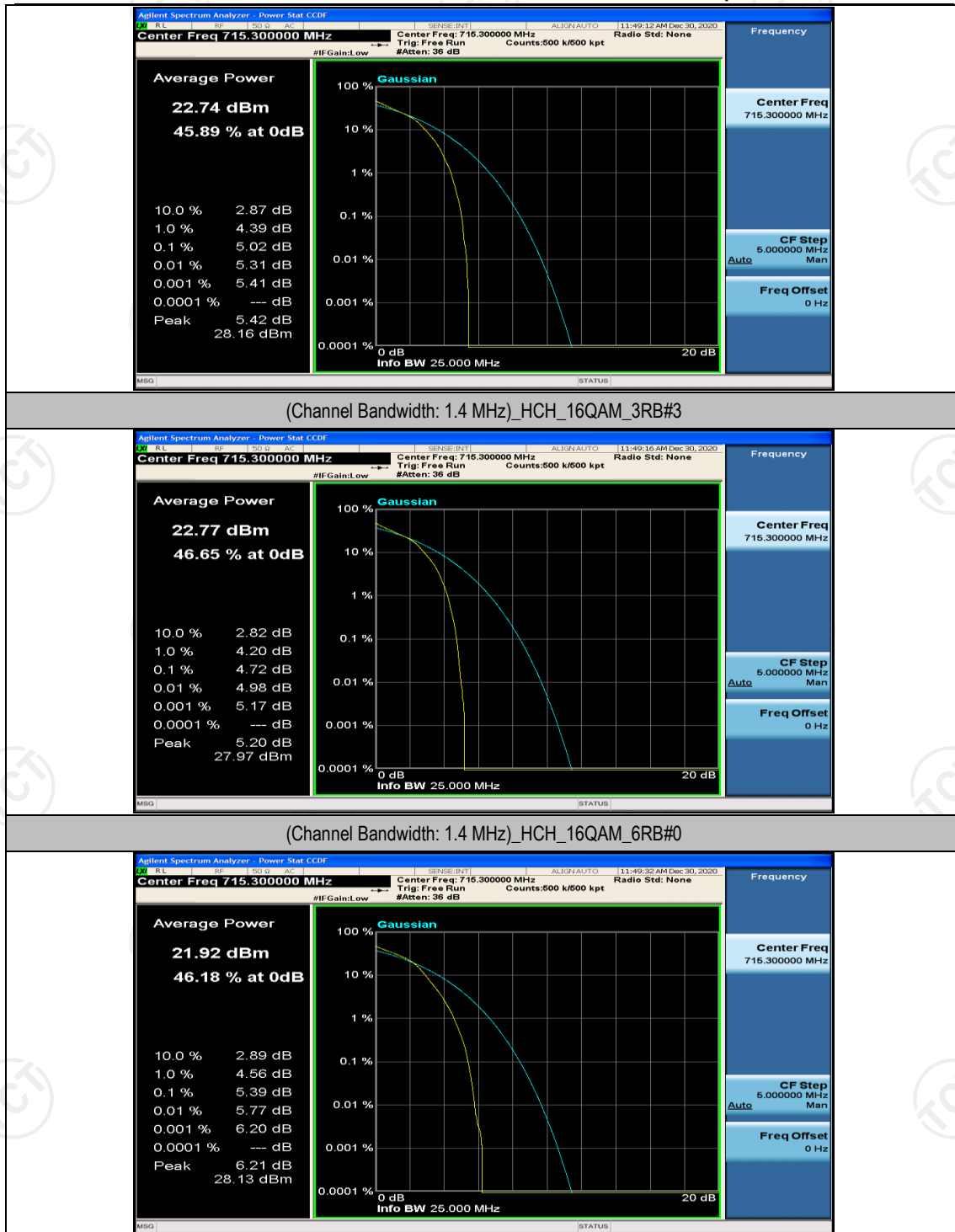


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



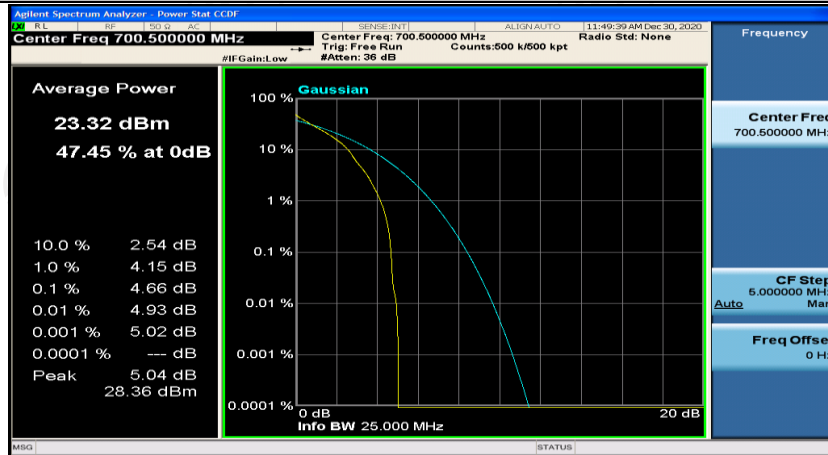
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



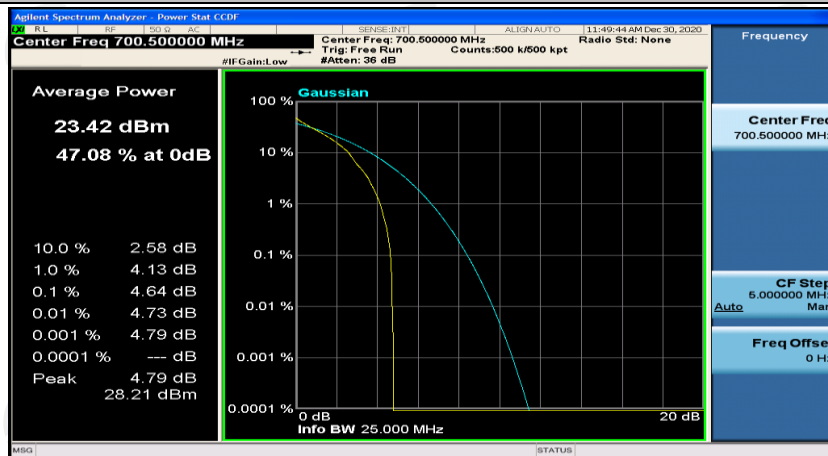


Channel Bandwidth: 3 MHz

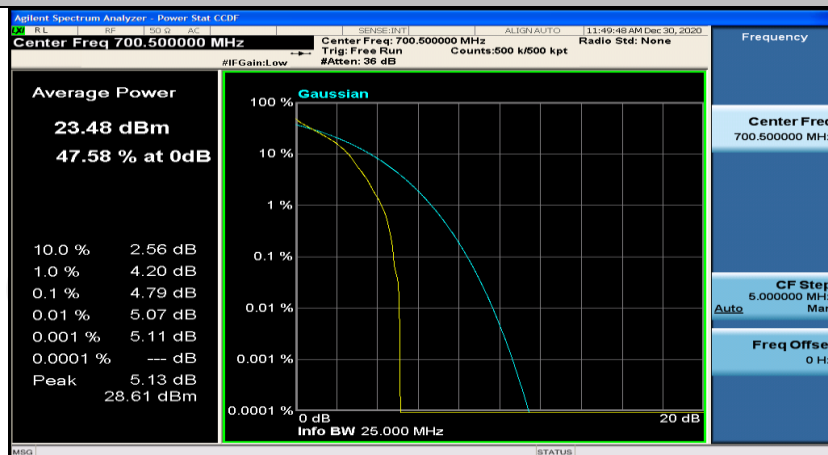
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



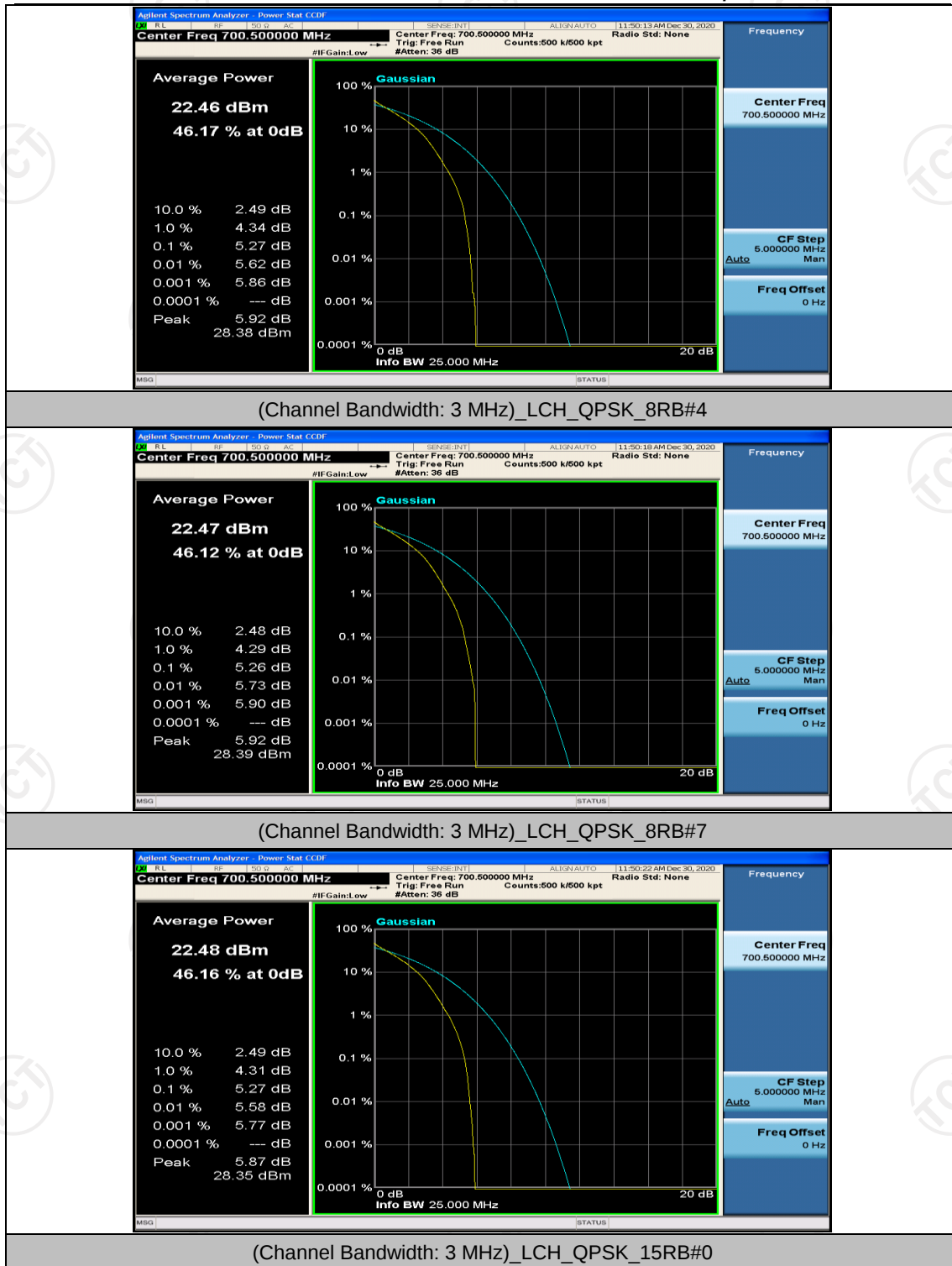
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14

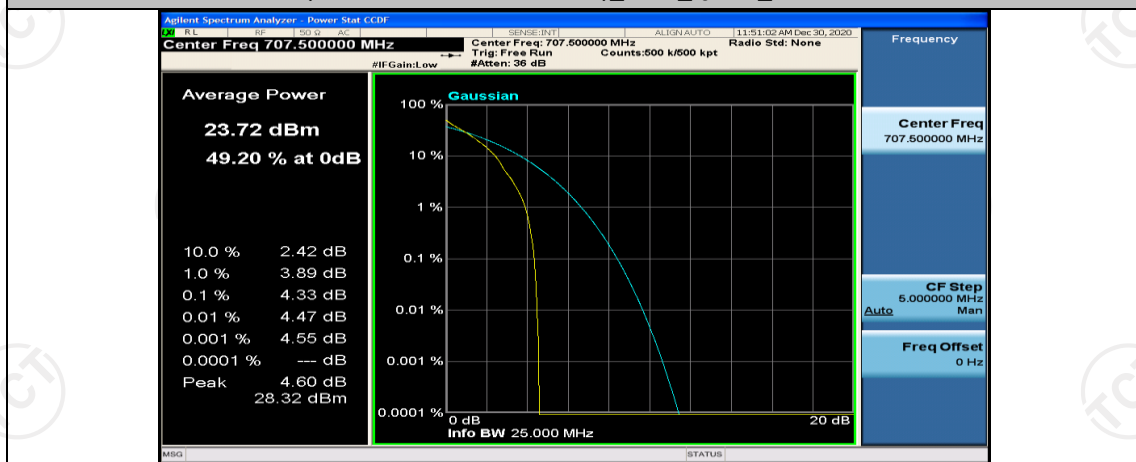


(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0

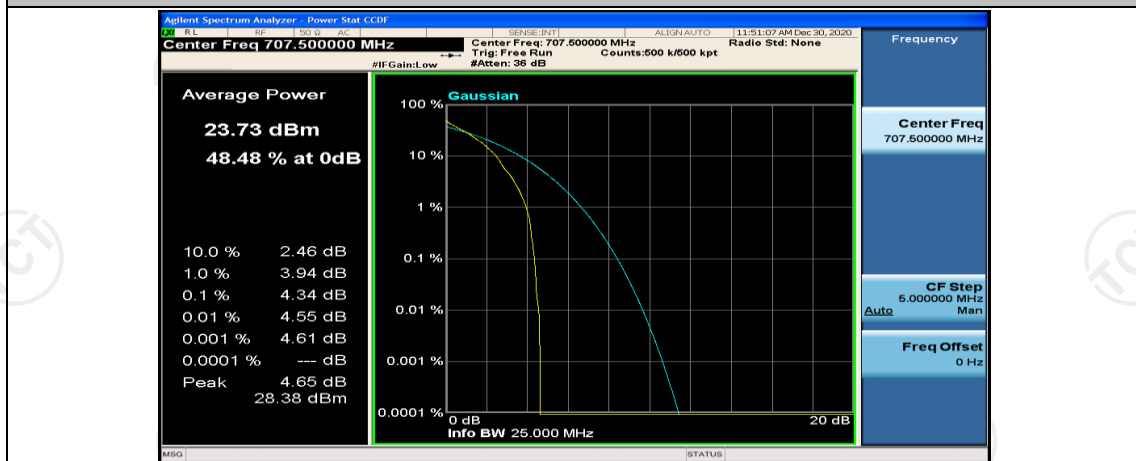




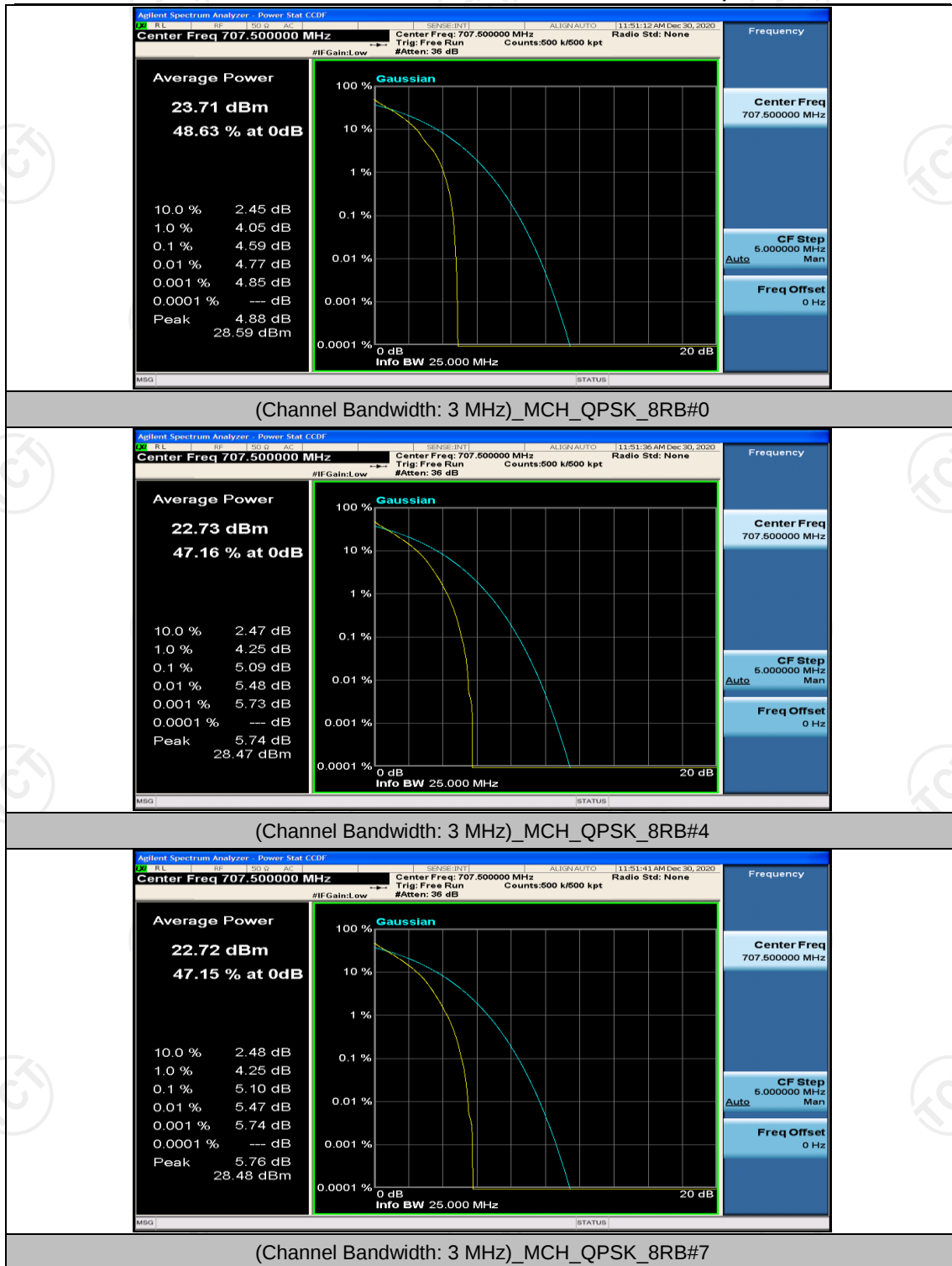
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

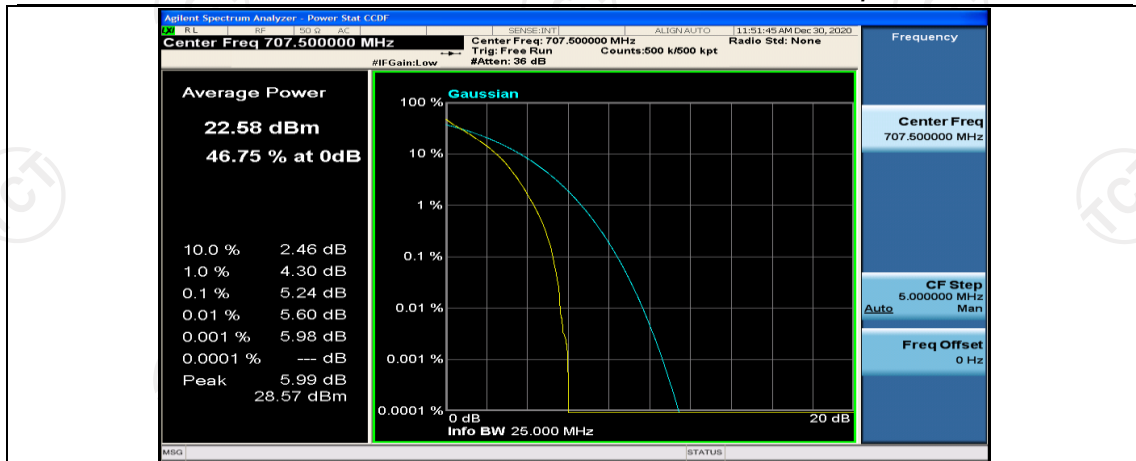


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

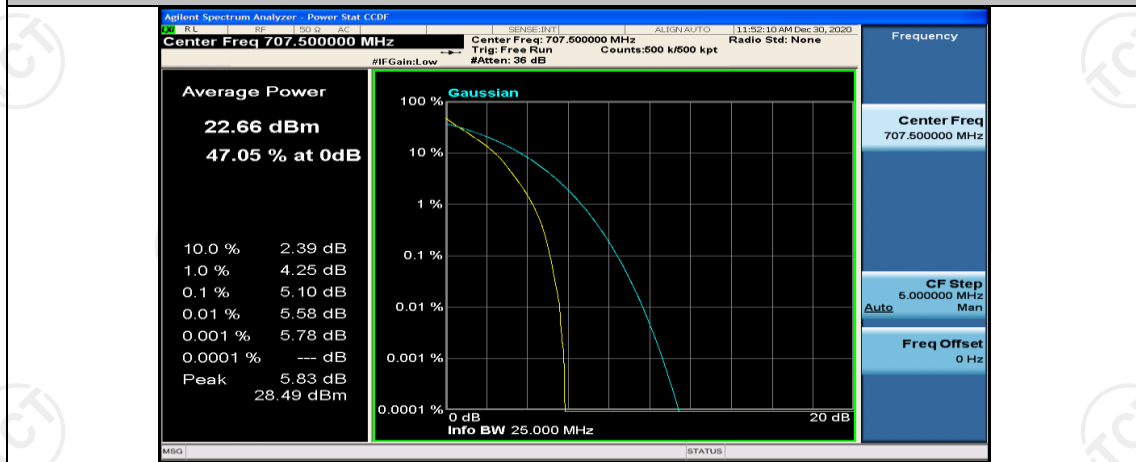


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

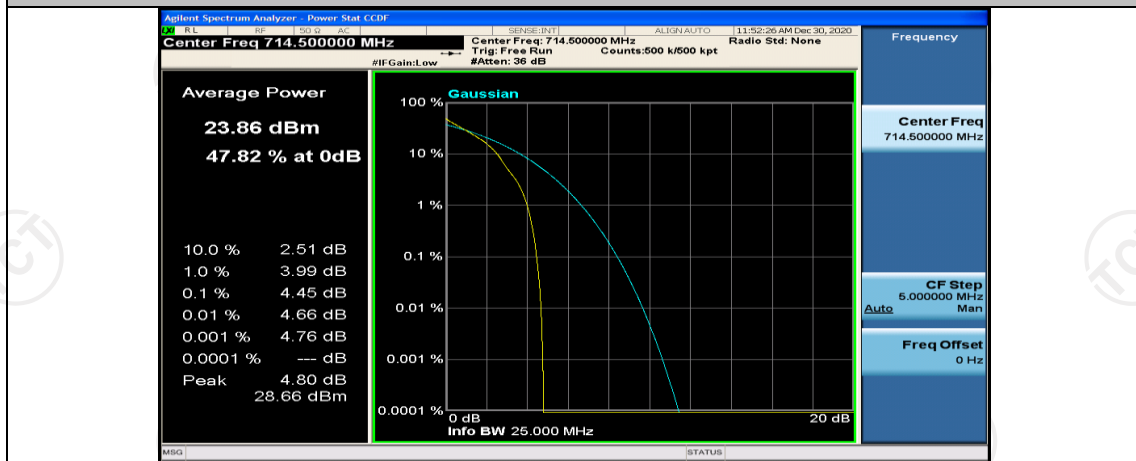




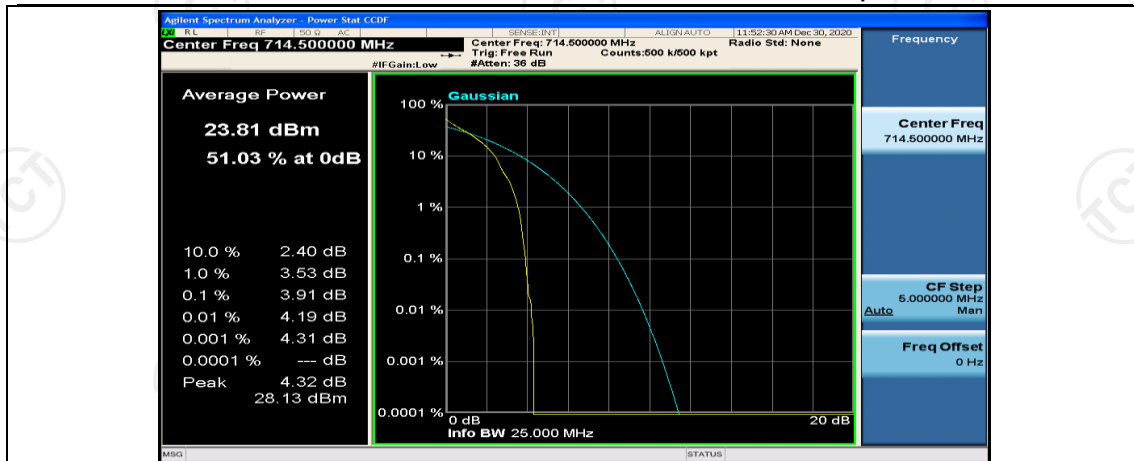
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



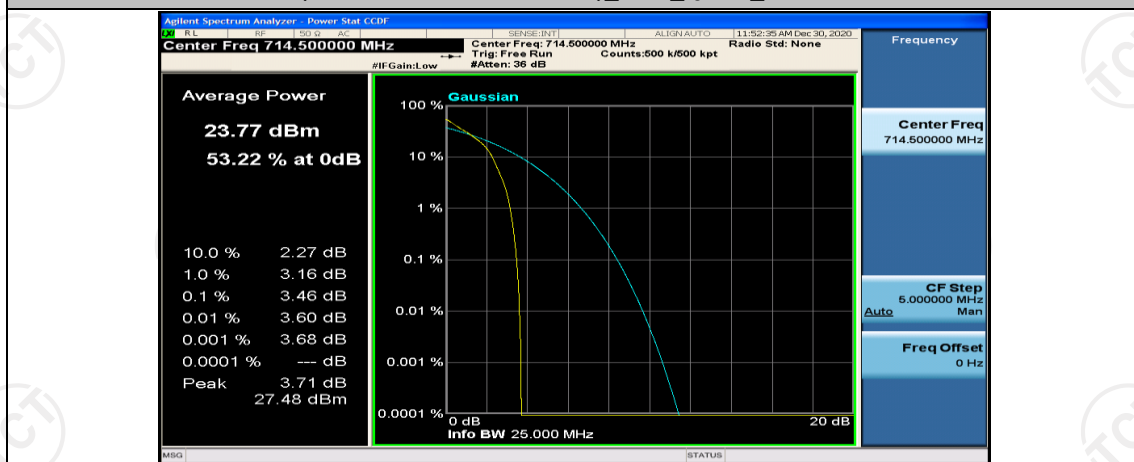
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



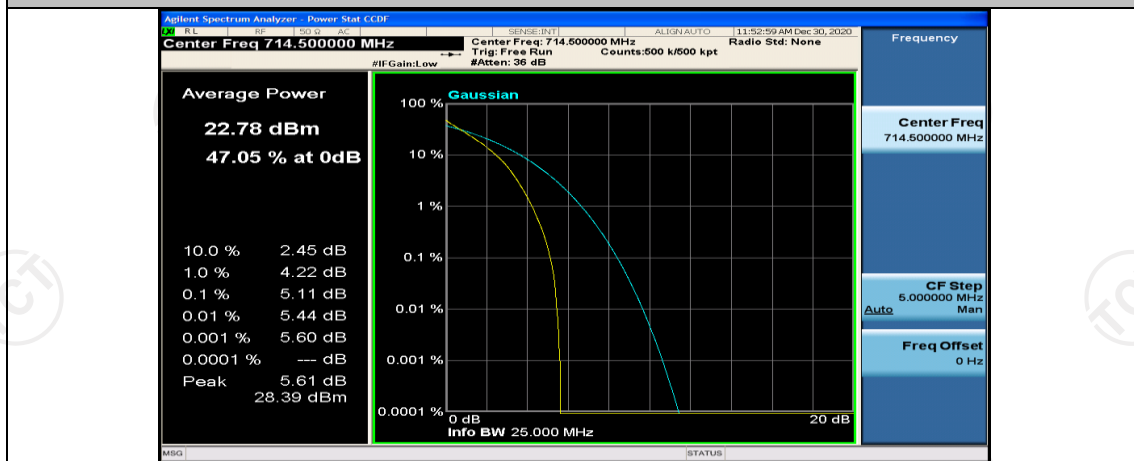
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



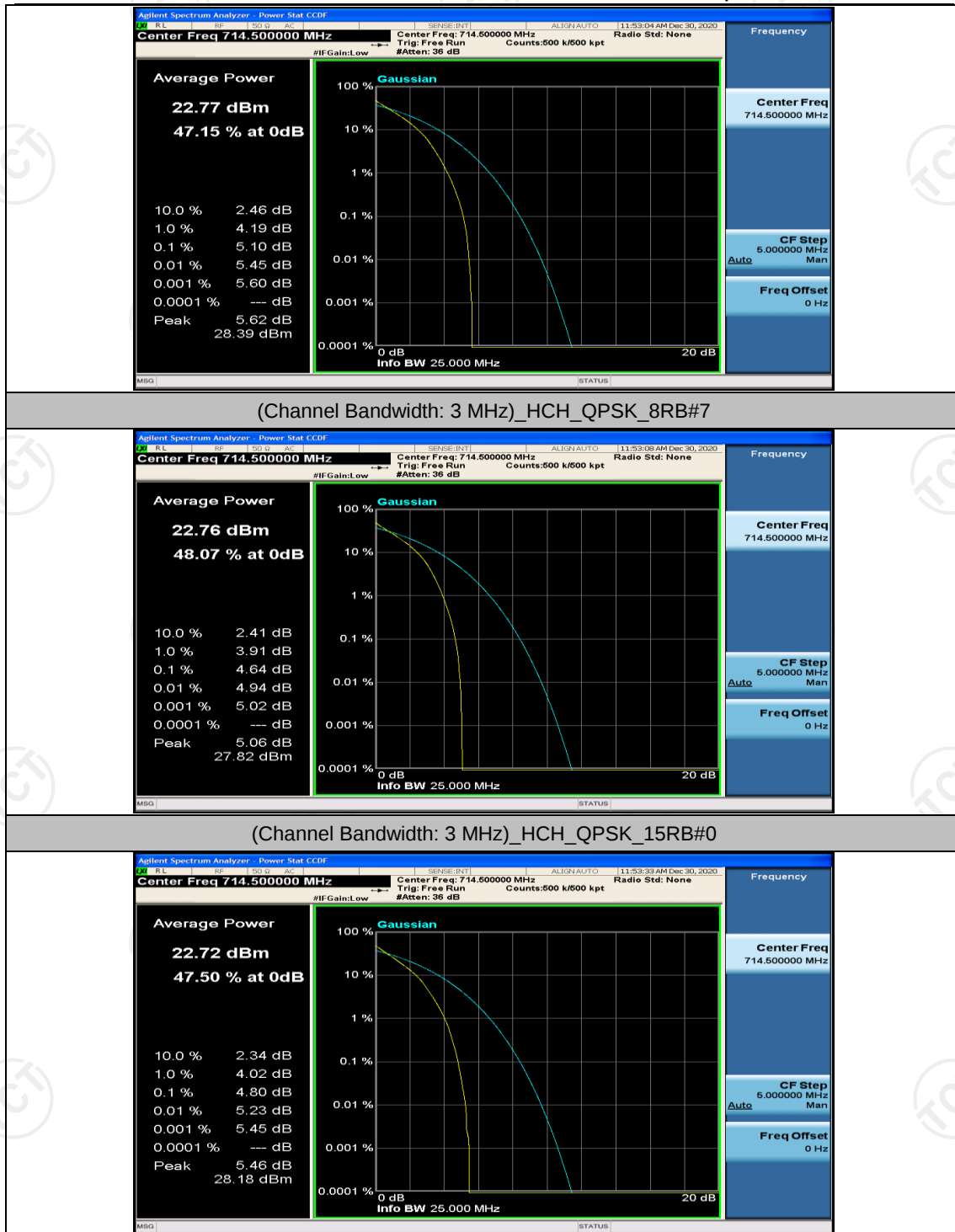
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



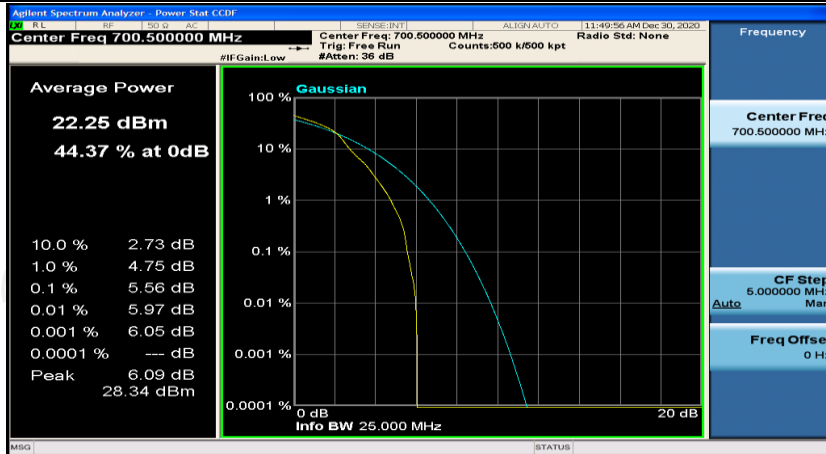
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



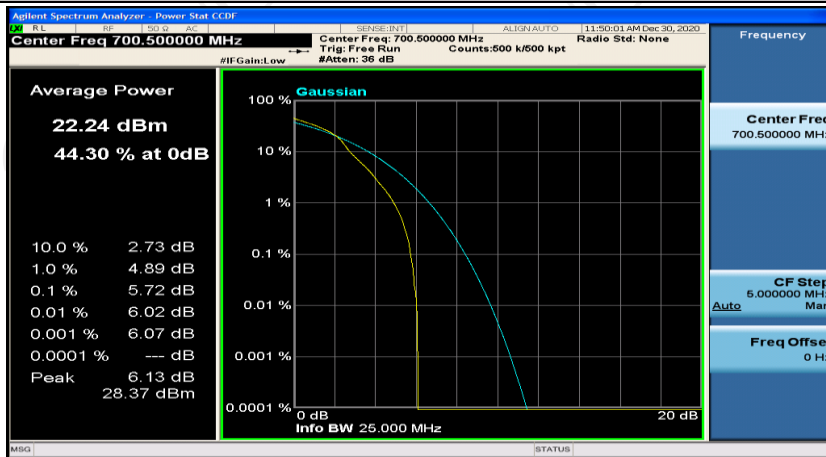
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4



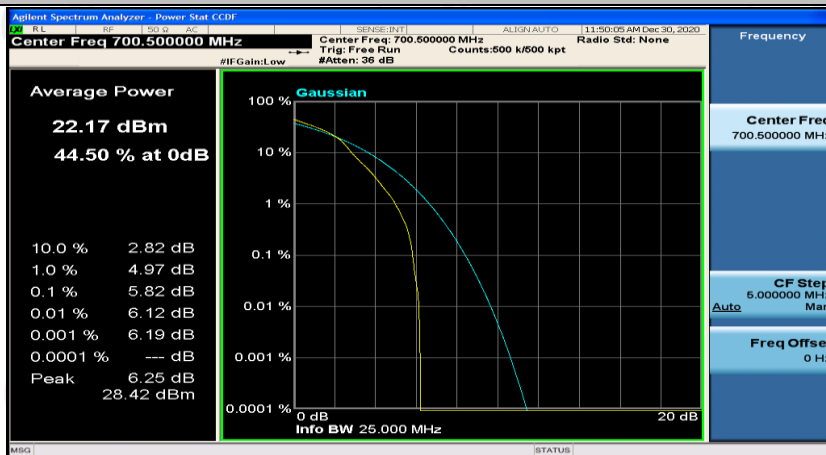
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



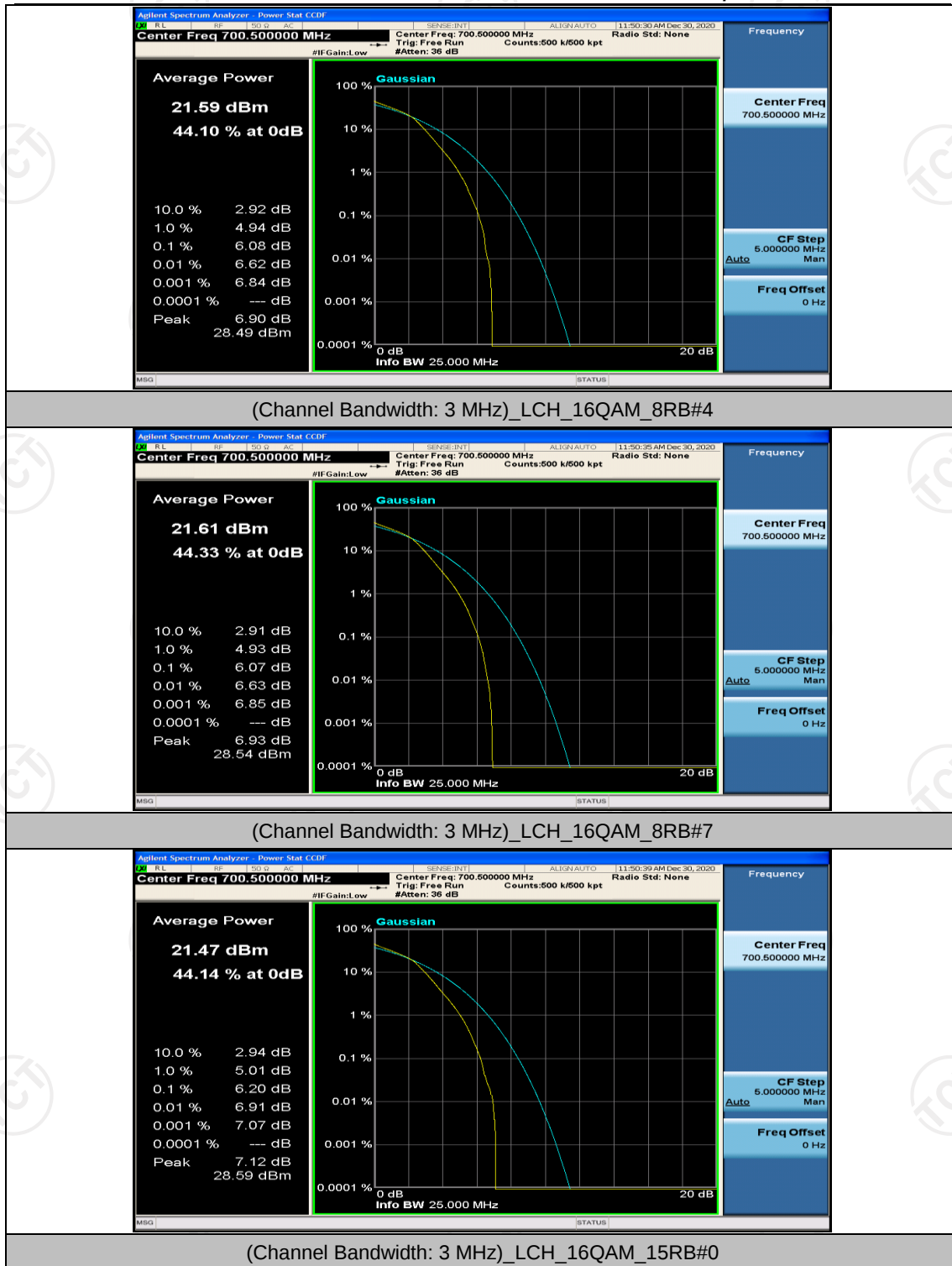
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7



(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14

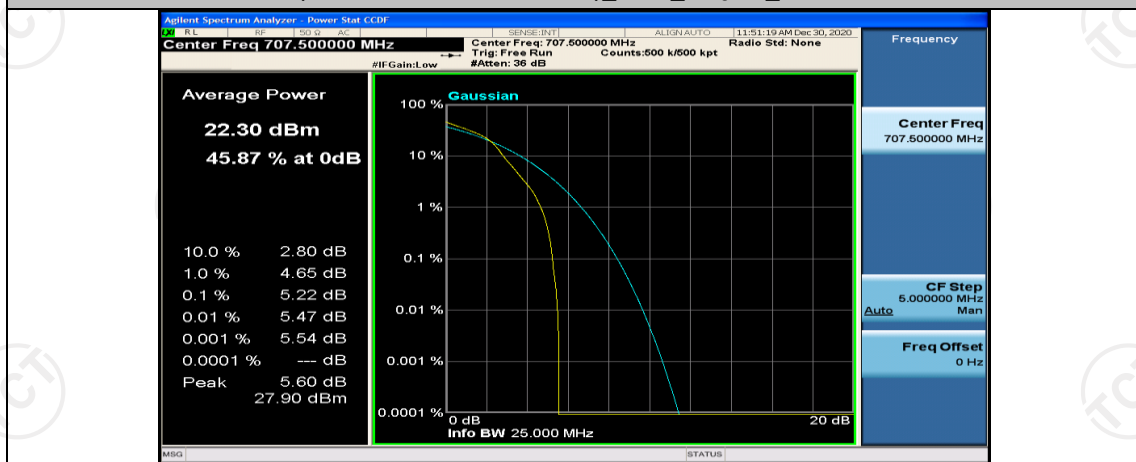


(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0

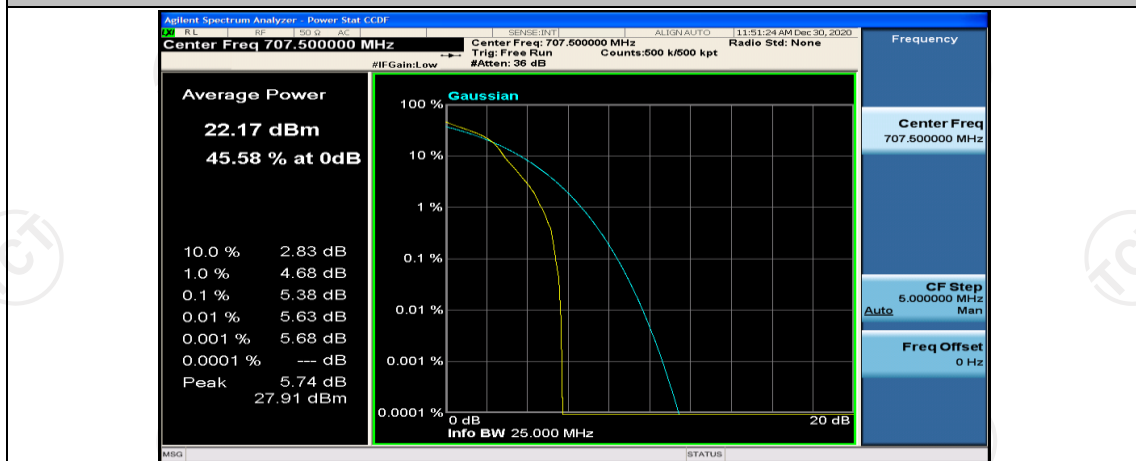




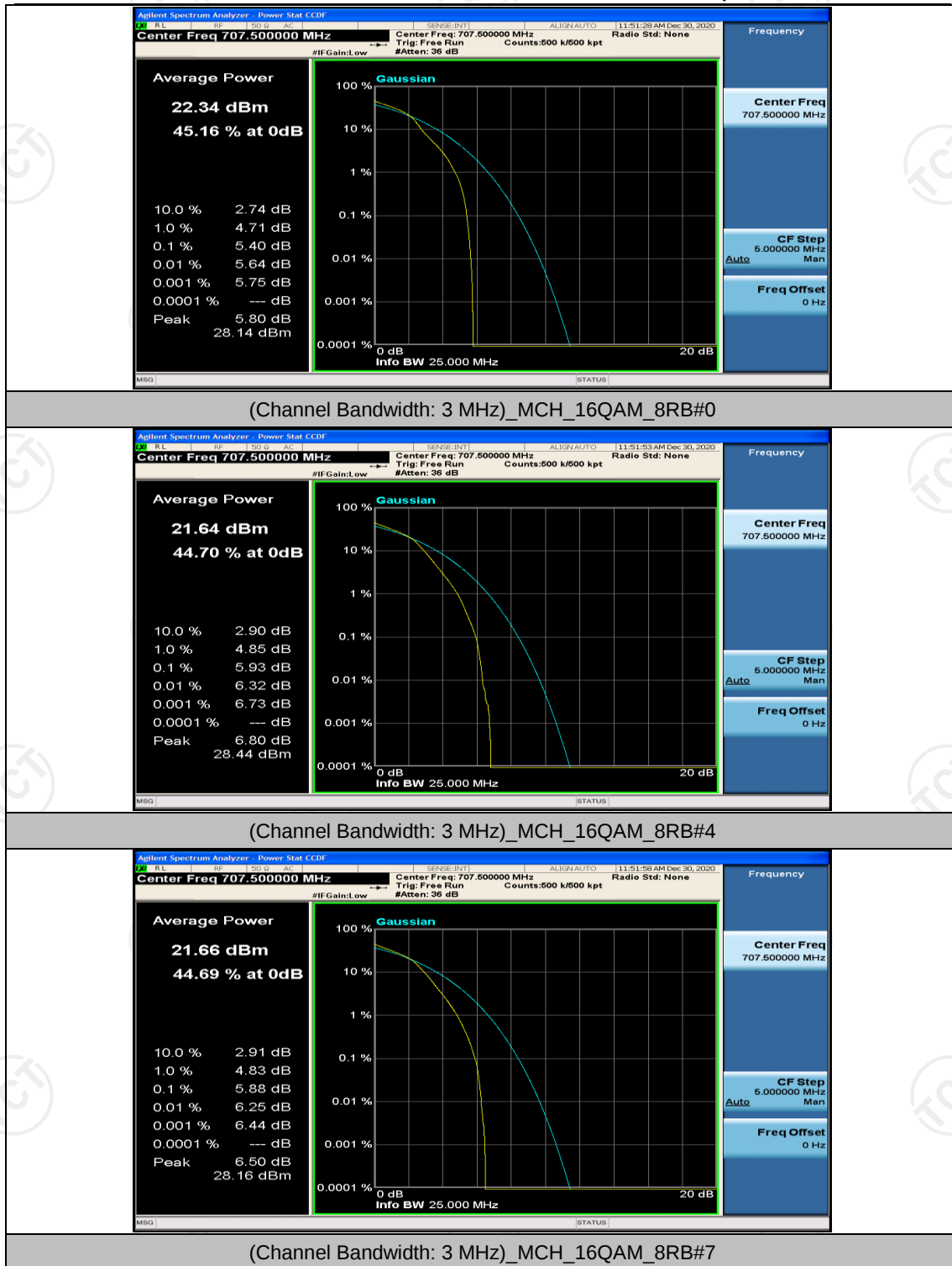
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

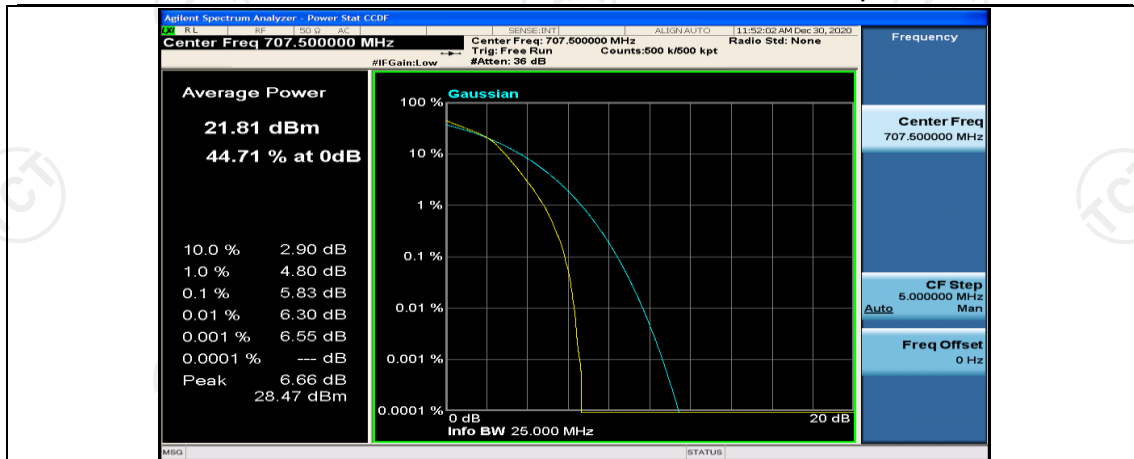


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

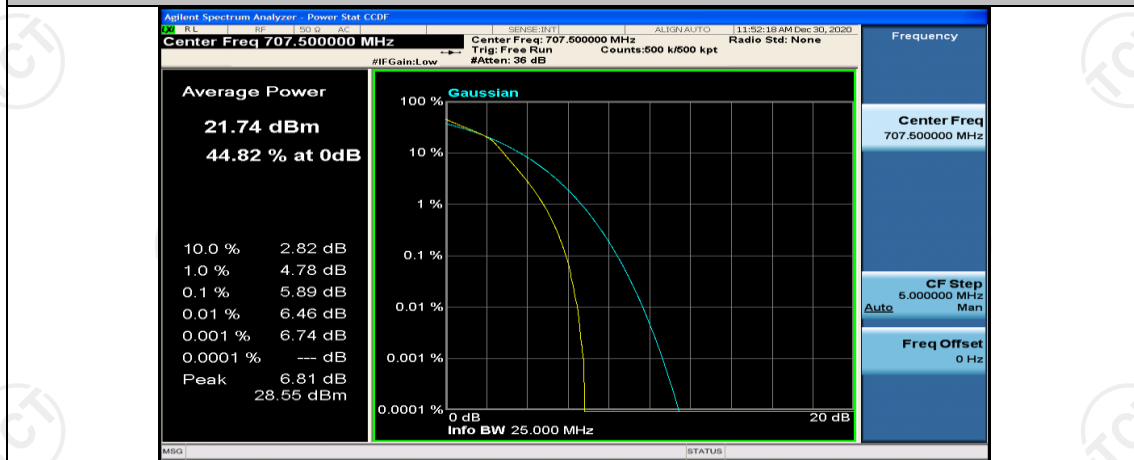


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

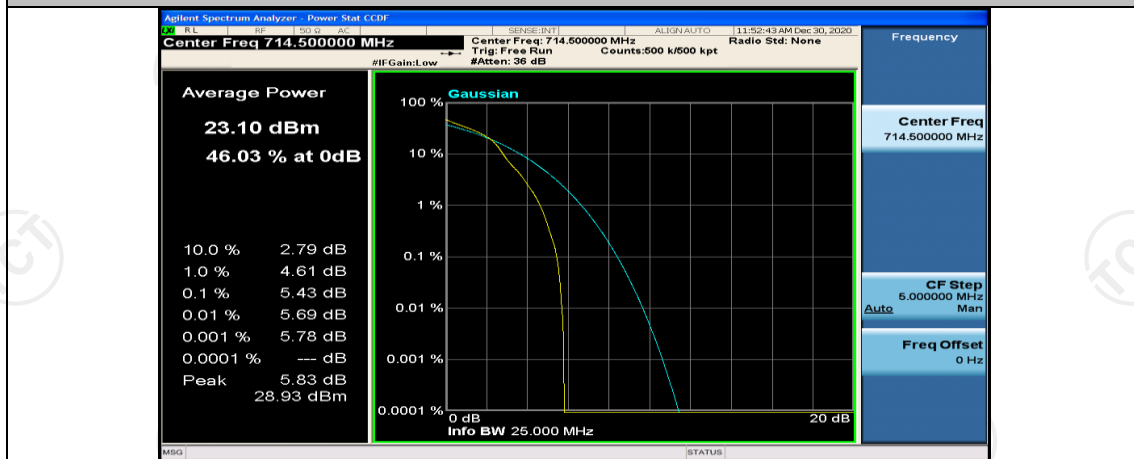




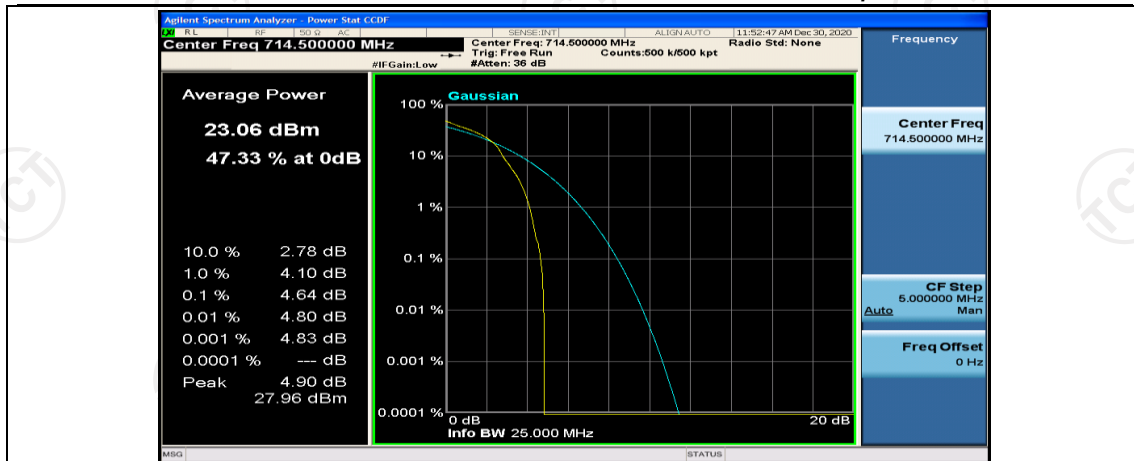
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



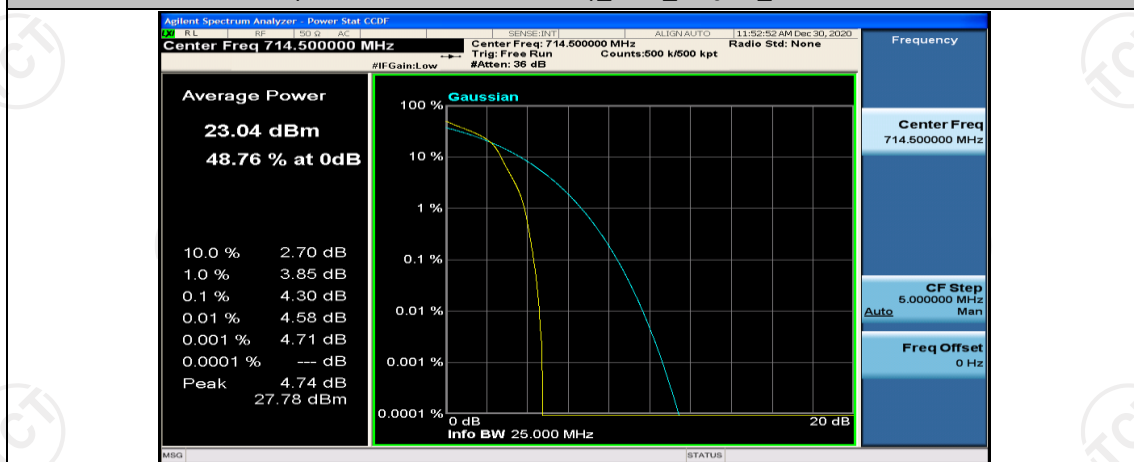
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



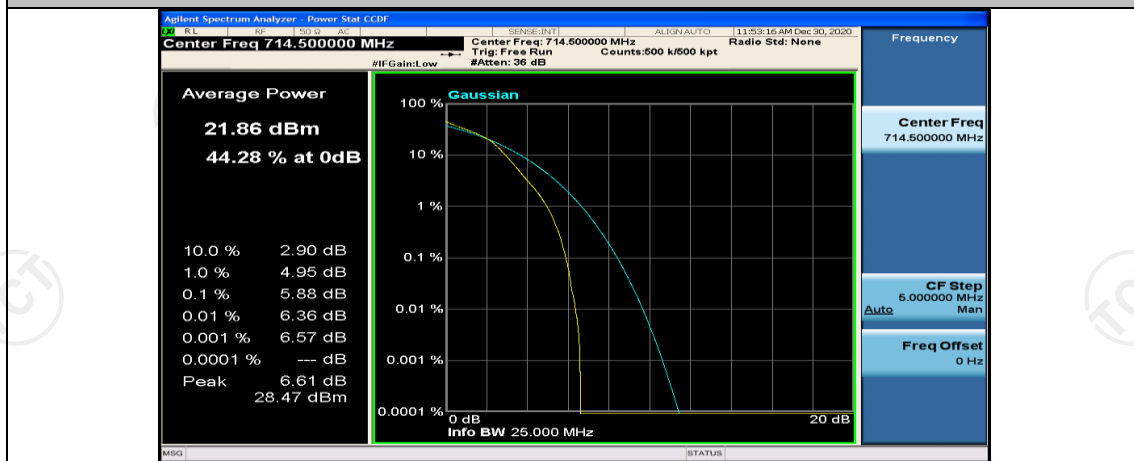
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



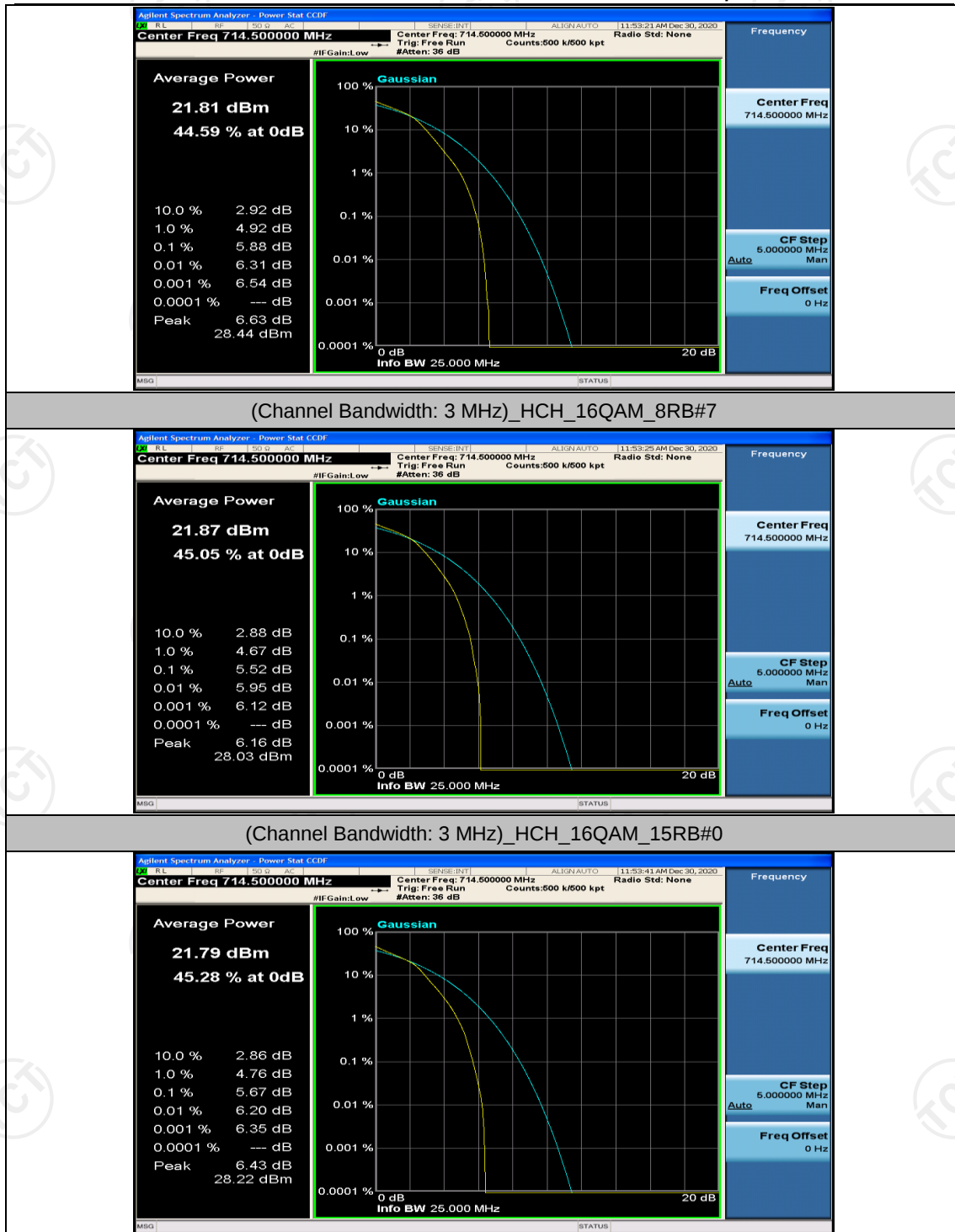
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4



Channel Bandwidth: 5 MHz

