

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	22.15	22.35	PASS
		1	3	22.32	22.52	PASS
		1	5	22.15	22.35	PASS
		3	0	22.22	22.42	PASS
		3	2	22.21	22.41	PASS
		3	3	22.21	22.41	PASS
		6	0	21.19	21.39	PASS
	MCH	1	0	22.19	22.39	PASS
		1	3	22.24	22.44	PASS
		1	5	22.15	22.35	PASS
		3	0	22.21	22.41	PASS
		3	2	22.18	22.38	PASS
		3	3	22.21	22.41	PASS
		6	0	21.12	21.32	PASS
	HCH	1	0	22.11	22.31	PASS
		1	3	22.24	22.44	PASS
		1	5	22.09	22.29	PASS
		3	0	22.16	22.36	PASS
		3	2	22.17	22.37	PASS
		3	3	22.20	22.40	PASS
		6	0	21.17	21.37	PASS
16QAM	LCH	1	0	21.23	21.43	PASS
		1	3	21.43	21.63	PASS
		1	5	21.30	21.50	PASS
		3	0	21.11	21.31	PASS
		3	2	21.12	21.32	PASS
		3	3	21.09	21.29	PASS
		6	0	20.19	20.39	PASS
	MCH	1	0	21.28	21.48	PASS
		1	3	21.55	21.75	PASS
		1	5	21.24	21.44	PASS

		3	0	21.13	21.33	PASS
		3	2	21.12	21.32	PASS
		3	3	21.12	21.32	PASS
		6	0	20.04	20.24	PASS
	HCH	1	0	20.97	21.17	PASS
		1	3	21.17	21.37	PASS
		1	5	21.06	21.26	PASS
		3	0	21.03	21.23	PASS
		3	2	21.03	21.23	PASS
		3	3	20.97	21.17	PASS
		6	0	20.13	20.33	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	22.21	22.41	PASS
		1	7	22.23	22.43	PASS
		1	14	22.22	22.42	PASS
		8	0	21.22	21.42	PASS
		8	4	21.24	21.44	PASS
		8	7	21.22	21.42	PASS
		15	0	21.15	21.35	PASS
	MCH	1	0	22.19	22.39	PASS
		1	7	22.22	22.42	PASS
		1	14	22.19	22.39	PASS
		8	0	21.15	21.35	PASS
		8	4	21.15	21.35	PASS
		8	7	21.14	21.34	PASS
		15	0	21.16	21.36	PASS
	HCH	1	0	22.28	22.48	PASS
		1	7	22.19	22.39	PASS
		1	14	22.21	22.41	PASS
		8	0	21.14	21.34	PASS
		8	4	21.15	21.35	PASS
		8	7	21.19	21.39	PASS
		15	0	21.17	21.37	PASS
16QAM	LCH	1	0	21.41	21.61	PASS
		1	7	21.30	21.50	PASS

		1	14	21.42	21.62	PASS
		8	0	20.23	20.43	PASS
		8	4	20.22	20.42	PASS
		8	7	20.25	20.45	PASS
		15	0	20.19	20.39	PASS
	MCH	1	0	21.36	21.56	PASS
		1	7	21.35	21.55	PASS
		1	14	21.30	21.50	PASS
		8	0	20.15	20.35	PASS
		8	4	20.13	20.33	PASS
		8	7	20.17	20.37	PASS
		15	0	20.05	20.25	PASS
	HCH	1	0	21.07	21.27	PASS
		1	7	21.08	21.28	PASS
		1	14	21.08	21.28	PASS
		8	0	20.16	20.36	PASS
		8	4	20.13	20.33	PASS
		8	7	20.16	20.36	PASS
		15	0	20.06	20.26	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	22.23	22.43	PASS
		1	12	22.30	22.50	PASS
		1	24	22.27	22.47	PASS
		12	0	21.25	21.45	PASS
		12	6	21.25	21.45	PASS
		12	13	21.21	21.41	PASS
		25	0	21.26	21.46	PASS
	MCH	1	0	22.20	22.40	PASS
		1	12	22.33	22.53	PASS
		1	24	22.18	22.38	PASS
		12	0	21.14	21.34	PASS
		12	6	21.15	21.35	PASS
		12	13	21.15	21.35	PASS
		25	0	21.19	21.39	PASS
	HCH	1	0	22.28	22.48	PASS

		1	12	22.29	22.49	PASS
		1	24	22.23	22.43	PASS
		12	0	21.16	21.36	PASS
		12	6	21.14	21.34	PASS
		12	13	21.17	21.37	PASS
		25	0	21.22	21.42	PASS
16QAM	LCH	1	0	21.21	21.41	PASS
		1	12	21.31	21.51	PASS
		1	24	21.22	21.42	PASS
		12	0	20.24	20.44	PASS
		12	6	20.28	20.48	PASS
		12	13	20.16	20.36	PASS
		25	0	20.24	20.44	PASS
	MCH	1	0	21.39	21.59	PASS
		1	12	21.49	21.69	PASS
		1	24	21.33	21.53	PASS
		12	0	20.20	20.40	PASS
		12	6	20.18	20.38	PASS
		12	13	20.23	20.43	PASS
		25	0	20.15	20.35	PASS
	HCH	1	0	21.22	21.42	PASS
		1	12	21.31	21.51	PASS
		1	24	21.19	21.39	PASS
		12	0	20.21	20.41	PASS
		12	6	20.17	20.37	PASS
		12	13	20.22	20.42	PASS
		25	0	20.19	20.39	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	22.23	22.43	PASS
		1	24	22.35	22.55	PASS
		1	49	22.20	22.40	PASS
		25	0	21.38	21.58	PASS
		25	12	21.38	21.58	PASS
		25	25	21.37	21.57	PASS
		50	0	21.40	21.60	PASS

	MCH	1	0	22.25	22.45	PASS
		1	24	22.18	22.38	PASS
		1	49	22.22	22.42	PASS
		25	0	21.26	21.46	PASS
		25	12	21.24	21.44	PASS
		25	25	21.21	21.41	PASS
		50	0	21.26	21.46	PASS
	HCH	1	0	22.27	22.47	PASS
		1	24	22.33	22.53	PASS
		1	49	22.22	22.42	PASS
		25	0	21.39	21.59	PASS
		25	12	21.39	21.59	PASS
		25	25	21.27	21.47	PASS
		50	0	21.31	21.51	PASS
16QAM	LCH	1	0	21.36	21.56	PASS
		1	24	21.53	21.73	PASS
		1	49	21.34	21.54	PASS
		25	0	20.34	20.54	PASS
		25	12	20.34	20.54	PASS
		25	25	20.38	20.58	PASS
		50	0	20.34	20.54	PASS
	MCH	1	0	21.45	21.65	PASS
		1	24	21.49	21.69	PASS
		1	49	21.33	21.53	PASS
		25	0	20.23	20.43	PASS
		25	12	20.24	20.44	PASS
		25	25	20.20	20.40	PASS
		50	0	20.18	20.38	PASS
	HCH	1	0	21.15	21.35	PASS
		1	24	21.25	21.45	PASS
		1	49	21.08	21.28	PASS
		25	0	20.40	20.60	PASS
		25	12	20.37	20.57	PASS
		25	25	20.29	20.49	PASS
		50	0	20.30	20.50	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	4.77	<13	PASS
		1	3	4.83	<13	PASS
		1	5	4.96	<13	PASS
		3	0	4.74	<13	PASS
		3	2	4.78	<13	PASS
		3	3	4.85	<13	PASS
		6	0	5.16	<13	PASS
	MCH	1	0	5.20	<13	PASS
		1	3	5.16	<13	PASS
		1	5	5.08	<13	PASS
		3	0	5.13	<13	PASS
		3	2	5.08	<13	PASS
		3	3	5.13	<13	PASS
		6	0	5.28	<13	PASS
	HCH	1	0	4.98	<13	PASS
		1	3	4.75	<13	PASS
		1	5	4.80	<13	PASS
		3	0	5.13	<13	PASS
		3	2	5.09	<13	PASS
		3	3	4.95	<13	PASS
		6	0	5.38	<13	PASS
16QAM	LCH	1	0	5.66	<13	PASS
		1	3	5.61	<13	PASS
		1	5	5.86	<13	PASS
		3	0	5.50	<13	PASS
		3	2	5.45	<13	PASS
		3	3	5.66	<13	PASS
		6	0	5.91	<13	PASS
	MCH	1	0	5.97	<13	PASS
		1	3	5.85	<13	PASS

		1	5	5.81	<13	PASS
		3	0	5.87	<13	PASS
		3	2	5.85	<13	PASS
		3	3	5.70	<13	PASS
		6	0	6.12	<13	PASS
	HCH	1	0	5.63	<13	PASS
		1	3	5.38	<13	PASS
		1	5	5.56	<13	PASS
		3	0	5.81	<13	PASS
		3	2	5.81	<13	PASS
		3	3	5.77	<13	PASS
		6	0	6.18	<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	4.60	<13	PASS
		1	7	4.84	<13	PASS
		1	14	5.08	<13	PASS
		8	0	5.25	<13	PASS
		8	4	5.28	<13	PASS
		8	7	5.40	<13	PASS
		15	0	5.34	<13	PASS
	MCH	1	0	4.96	<13	PASS
		1	7	5.06	<13	PASS
		1	14	4.97	<13	PASS
		8	0	5.45	<13	PASS
		8	4	5.46	<13	PASS
		8	7	5.44	<13	PASS
		15	0	5.35	<13	PASS
	HCH	1	0	5.00	<13	PASS
		1	7	4.96	<13	PASS
		1	14	4.73	<13	PASS
		8	0	5.48	<13	PASS
		8	4	5.50	<13	PASS
		8	7	5.50	<13	PASS
		15	0	5.44	<13	PASS
16QAM	LCH	1	0	5.50	<13	PASS

		1	7	5.77	<13	PASS
		1	14	5.87	<13	PASS
		8	0	6.07	<13	PASS
		8	4	6.00	<13	PASS
		8	7	6.07	<13	PASS
		15	0	6.13	<13	PASS
	MCH	1	0	5.97	<13	PASS
		1	7	5.86	<13	PASS
		1	14	5.68	<13	PASS
		8	0	6.26	<13	PASS
		8	4	6.17	<13	PASS
		8	7	6.15	<13	PASS
		15	0	6.19	<13	PASS
	HCH	1	0	5.67	<13	PASS
		1	7	5.65	<13	PASS
		1	14	5.46	<13	PASS
		8	0	6.38	<13	PASS
		8	4	6.33	<13	PASS
		8	7	6.14	<13	PASS
		15	0	6.28	<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	5.20	<13	PASS
		1	24	5.39	<13	PASS
		12	0	5.22	<13	PASS
		12	6	5.26	<13	PASS
		12	13	5.45	<13	PASS
		25	0	5.46	<13	PASS
	MCH	1	0	5.53	<13	PASS
		1	12	5.12	<13	PASS
		1	24	5.17	<13	PASS
		12	0	5.47	<13	PASS
		12	6	5.41	<13	PASS
		12	13	5.30	<13	PASS
		25	0	5.49	<13	PASS

	HCH	1	0	5.27	<13	PASS
		1	12	5.21	<13	PASS
		1	24	5.01	<13	PASS
		12	0	5.77	<13	PASS
		12	6	5.70	<13	PASS
		12	13	5.55	<13	PASS
		25	0	5.60	<13	PASS
16QAM	LCH	1	0	5.54	<13	PASS
		1	12	5.75	<13	PASS
		1	24	5.84	<13	PASS
		12	0	6.10	<13	PASS
		12	6	6.06	<13	PASS
		12	13	6.28	<13	PASS
		25	0	6.21	<13	PASS
	MCH	1	0	5.88	<13	PASS
		1	12	5.54	<13	PASS
		1	24	5.71	<13	PASS
		12	0	6.23	<13	PASS
		12	6	6.22	<13	PASS
		12	13	6.09	<13	PASS
		25	0	6.15	<13	PASS
	HCH	1	0	5.99	<13	PASS
		1	12	5.88	<13	PASS
		1	24	5.69	<13	PASS
		12	0	6.34	<13	PASS
		12	6	6.31	<13	PASS
		12	13	6.27	<13	PASS
		25	0	6.39	<13	PASS

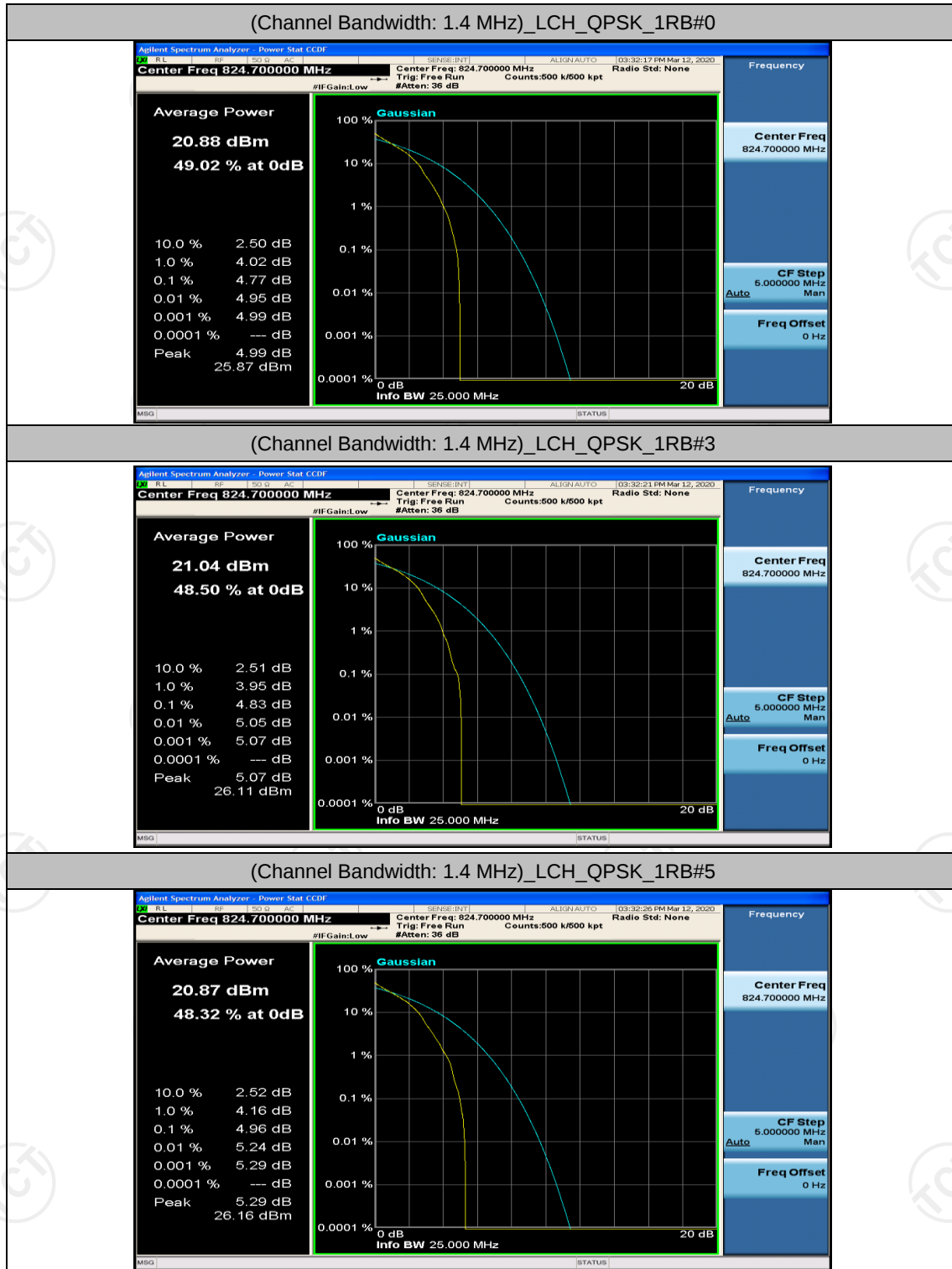
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.83	<13	PASS
		1	24	5.23	<13	PASS
		1	49	5.30	<13	PASS
		25	0	5.39	<13	PASS
		25	12	5.49	<13	PASS
		25	25	5.61	<13	PASS

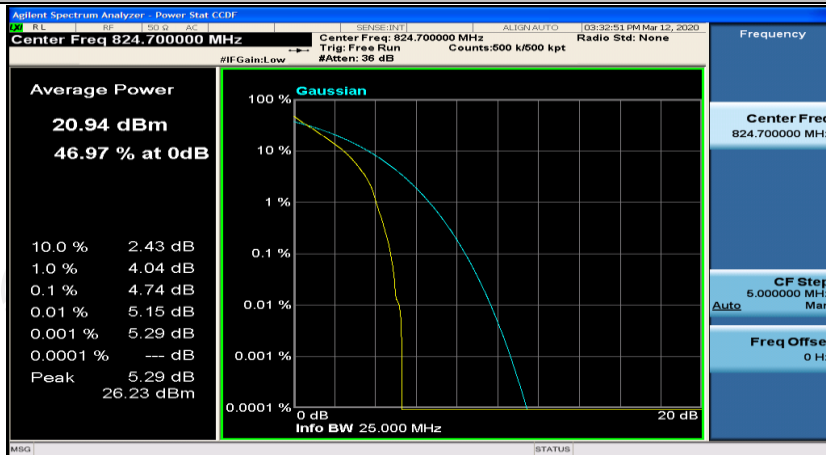
	MCH	50	0	5.59	<13	PASS
		1	0	5.11	<13	PASS
		1	24	4.90	<13	PASS
		1	49	4.88	<13	PASS
		25	0	5.51	<13	PASS
		25	12	5.51	<13	PASS
		25	25	5.33	<13	PASS
		50	0	5.43	<13	PASS
	HCH	1	0	4.82	<13	PASS
		1	24	5.01	<13	PASS
		1	49	4.85	<13	PASS
		25	0	5.41	<13	PASS
		25	12	5.45	<13	PASS
		25	25	5.59	<13	PASS
		50	0	5.57	<13	PASS
16QAM	LCH	1	0	5.74	<13	PASS
		1	24	6.12	<13	PASS
		1	49	6.32	<13	PASS
		25	0	6.23	<13	PASS
		25	12	6.27	<13	PASS
		25	25	6.39	<13	PASS
		50	0	6.31	<13	PASS
	MCH	1	0	6.12	<13	PASS
		1	24	5.86	<13	PASS
		1	49	5.78	<13	PASS
		25	0	6.38	<13	PASS
		25	12	6.37	<13	PASS
		25	25	6.19	<13	PASS
		50	0	6.16	<13	PASS
	HCH	1	0	5.47	<13	PASS
		1	24	5.63	<13	PASS
		1	49	5.53	<13	PASS
		25	0	6.16	<13	PASS
		25	12	6.23	<13	PASS
		25	25	6.48	<13	PASS
		50	0	6.28	<13	PASS

Test Graphs

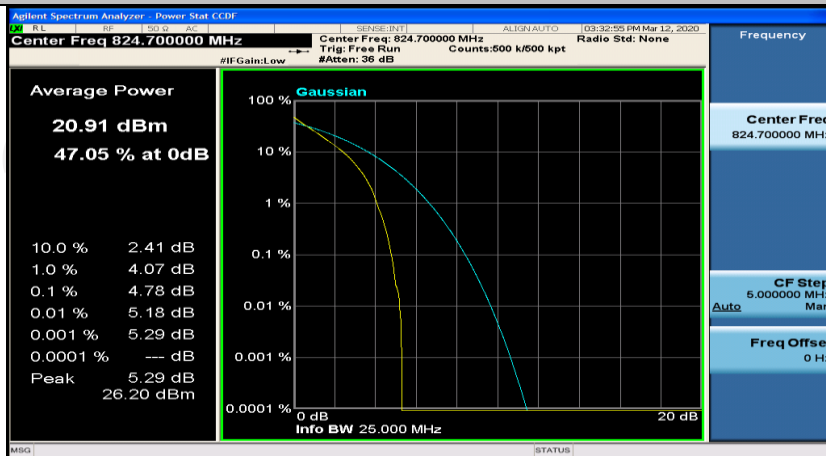
Channel Bandwidth: 1.4 MHz



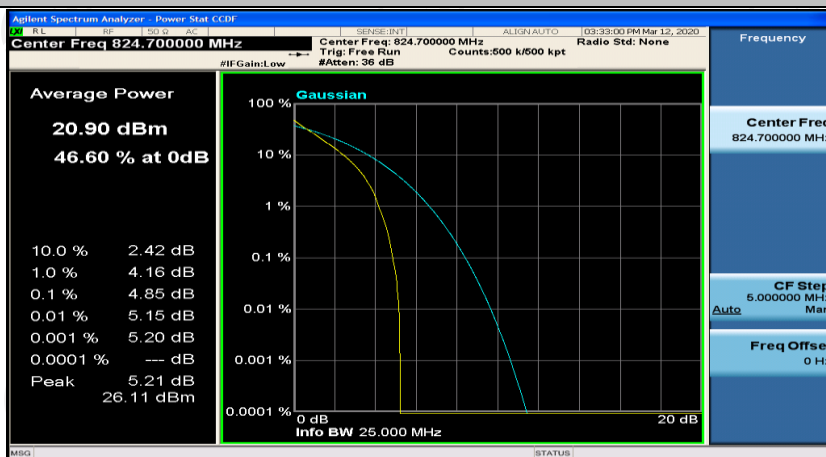
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0



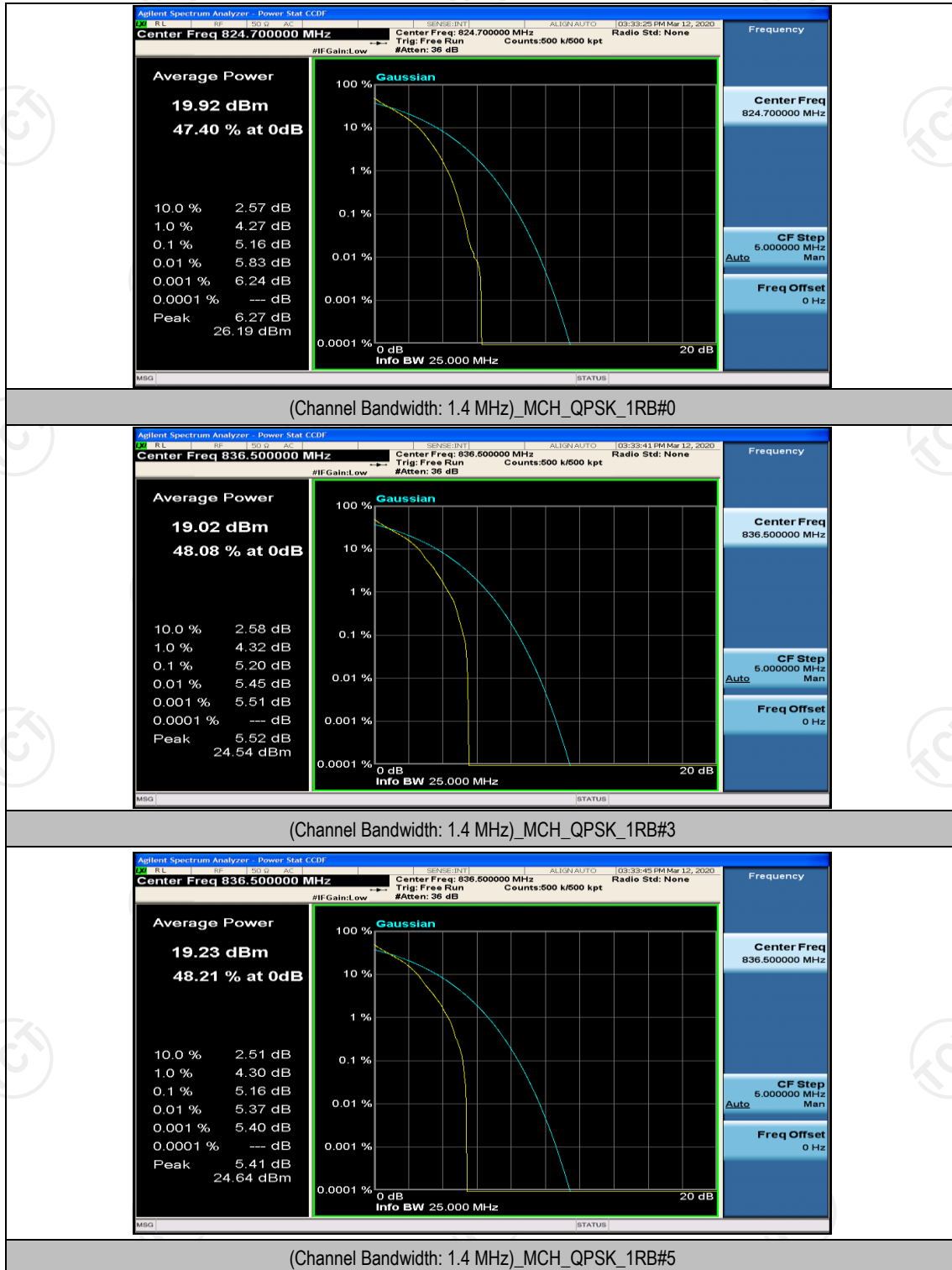
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2

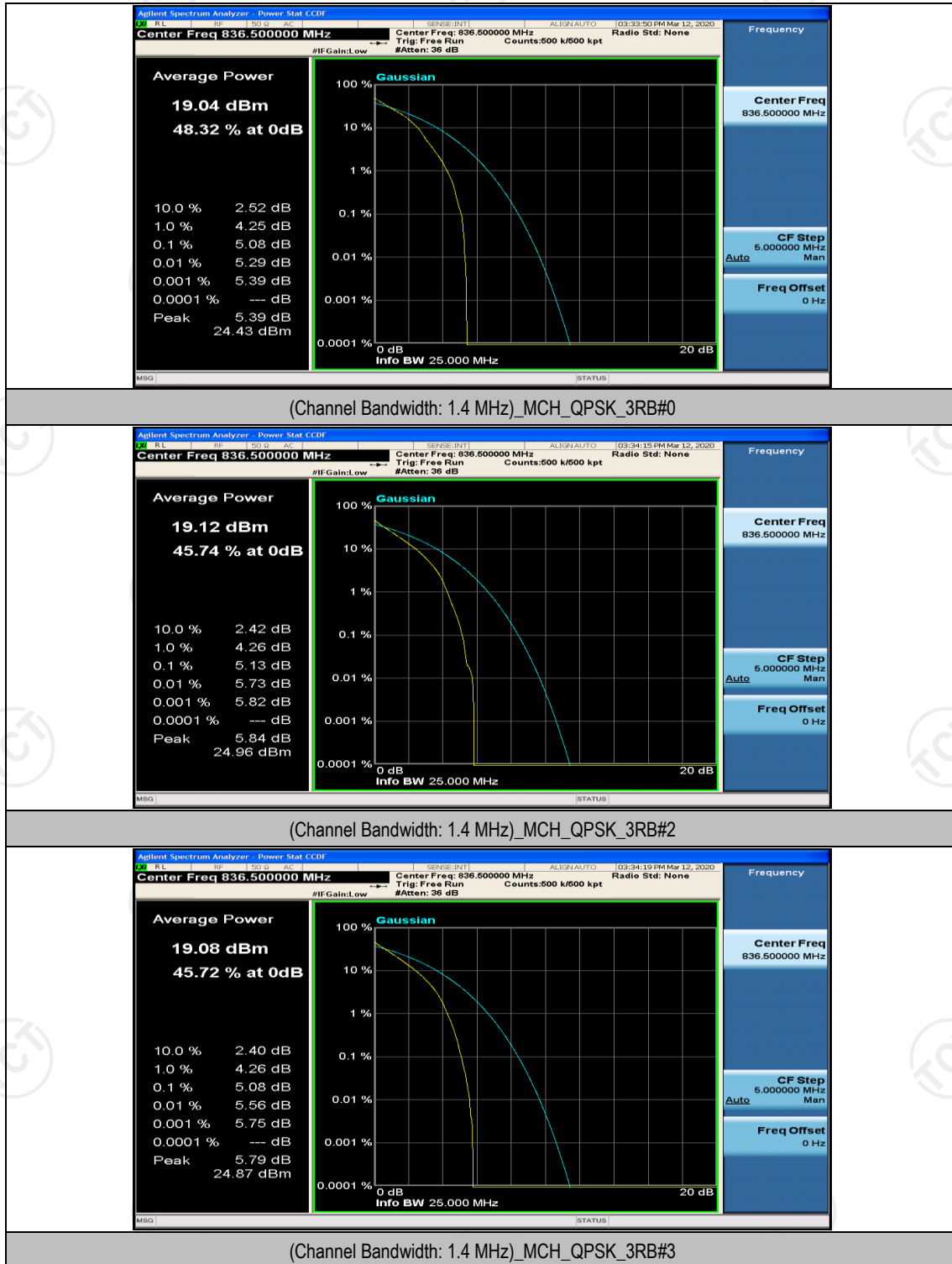


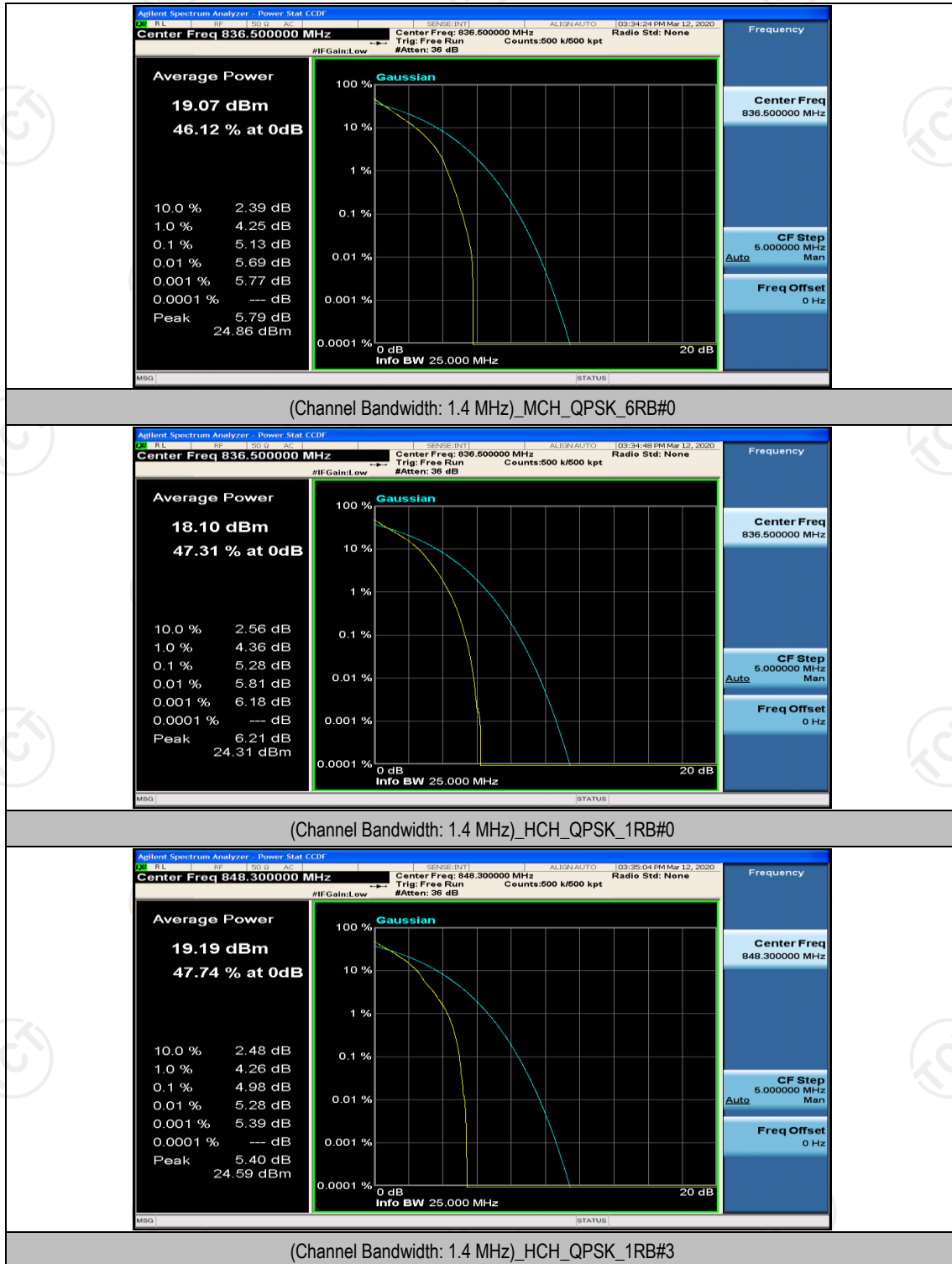
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3

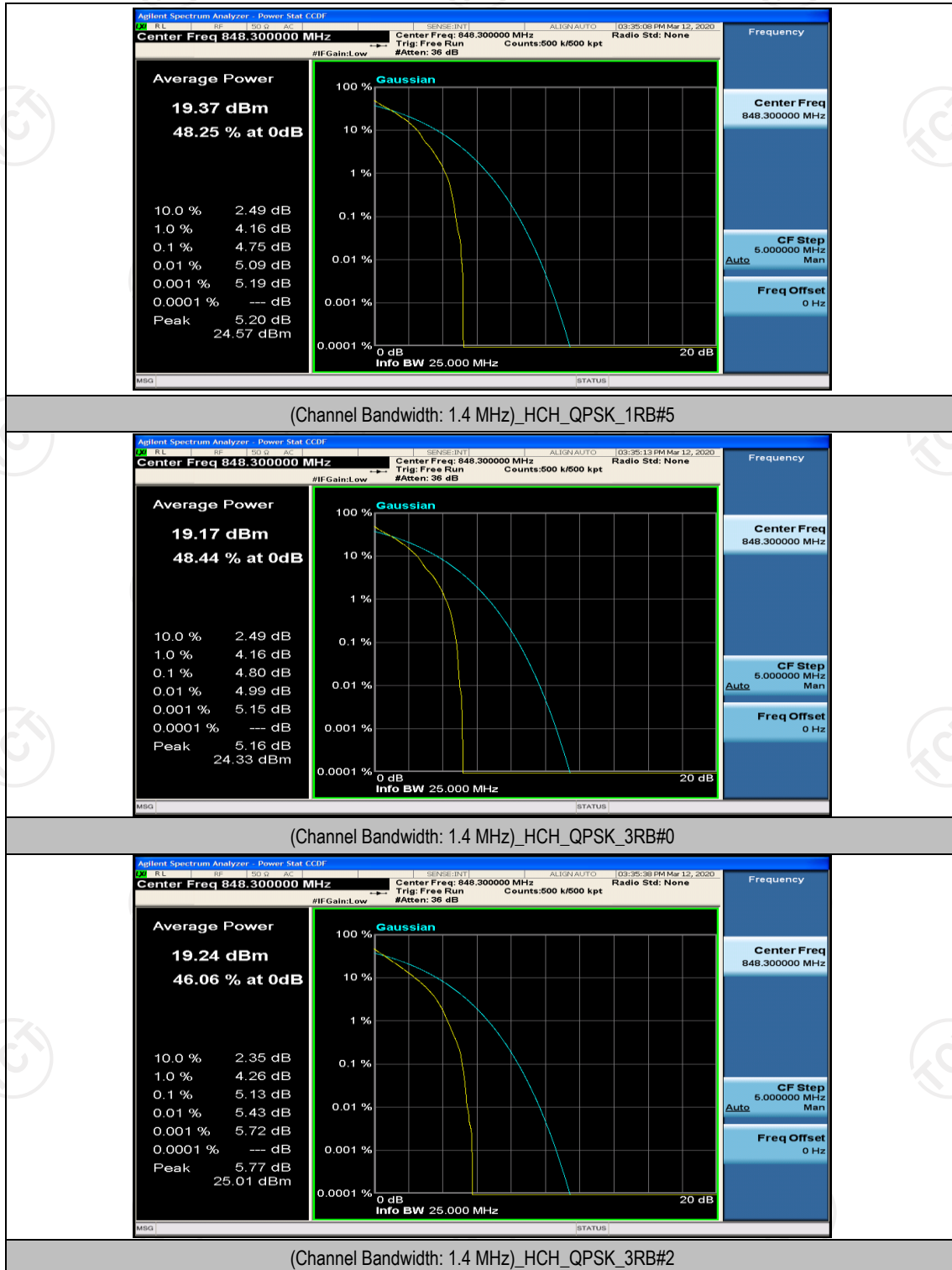


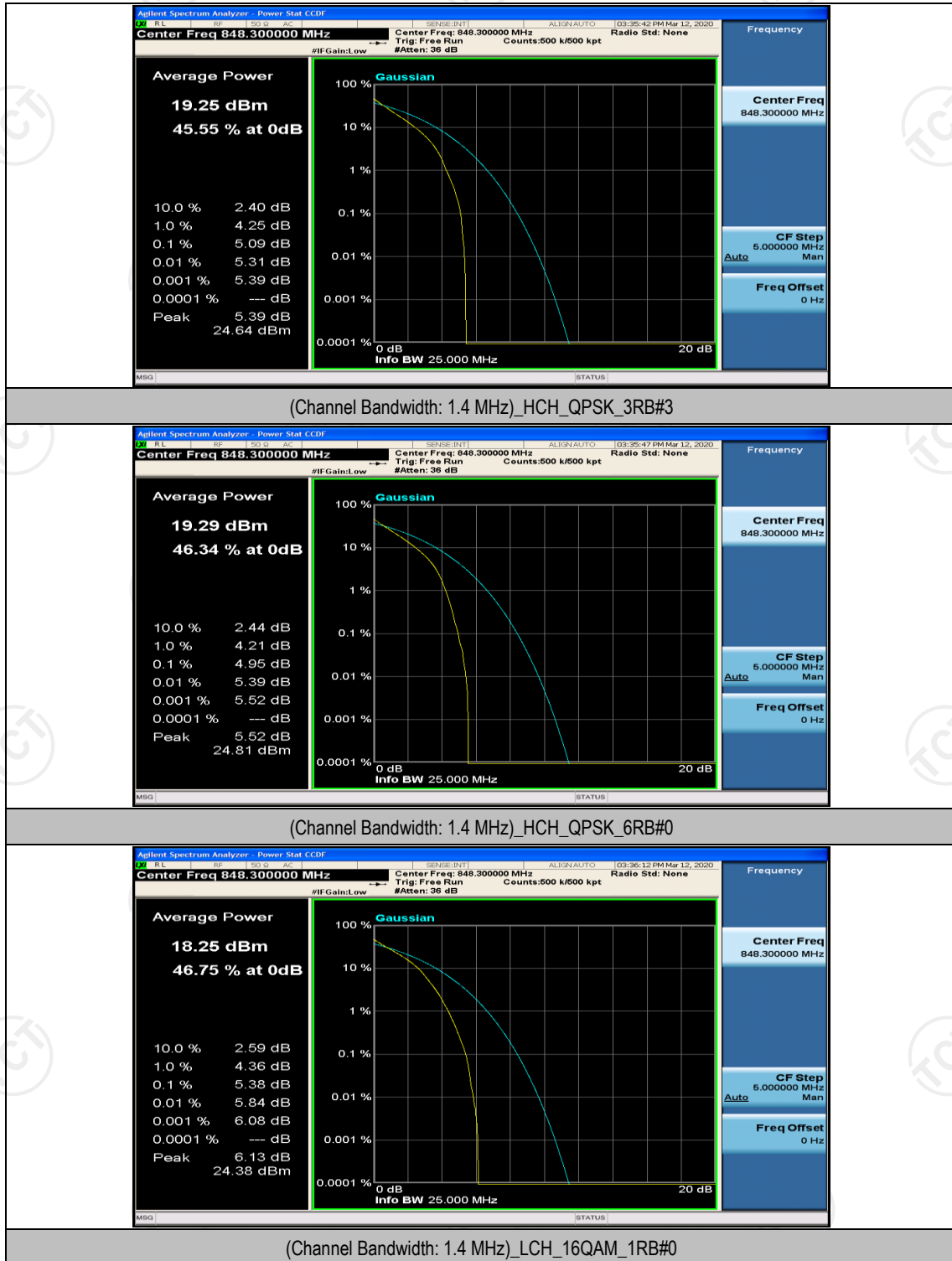
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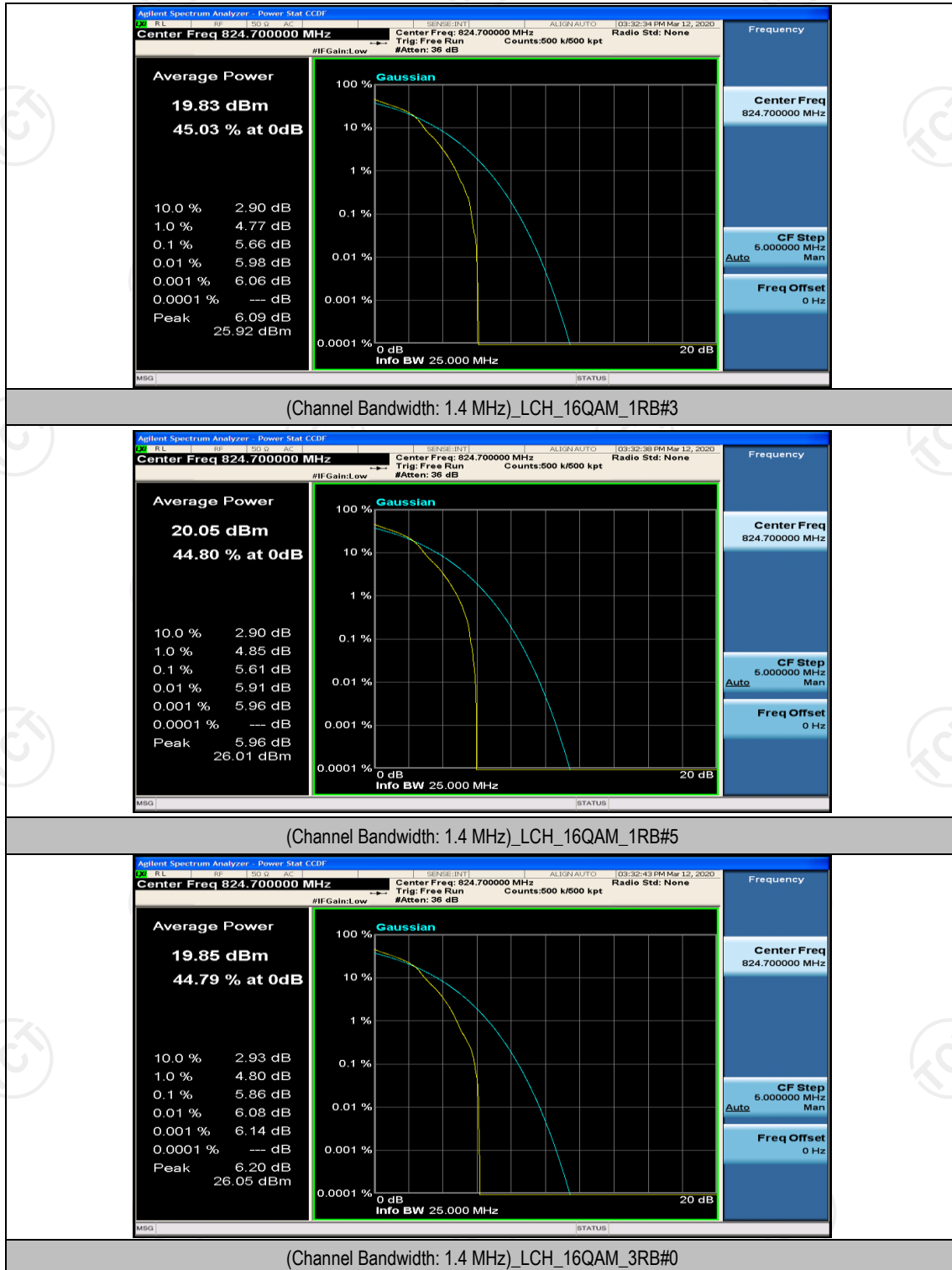


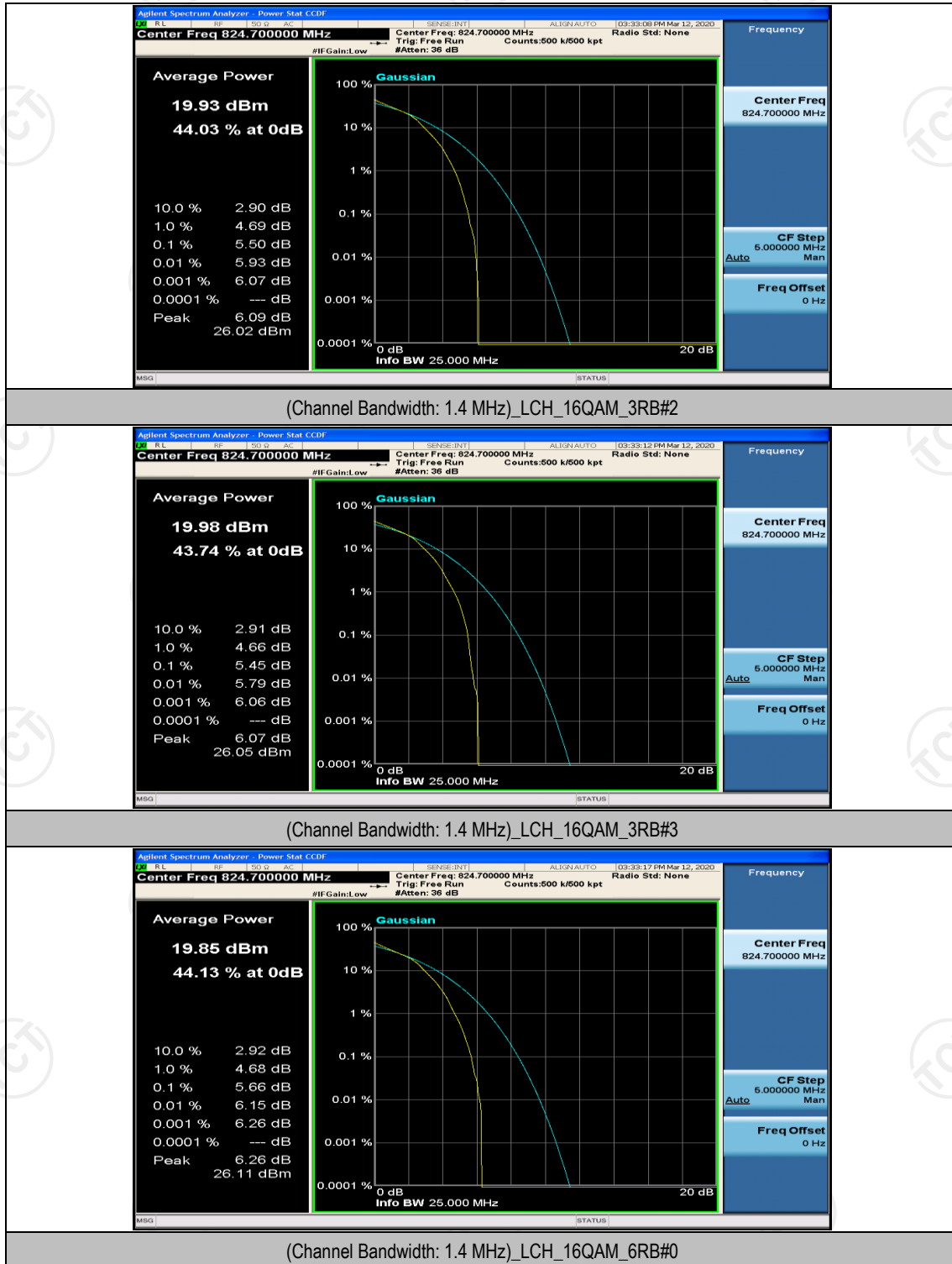


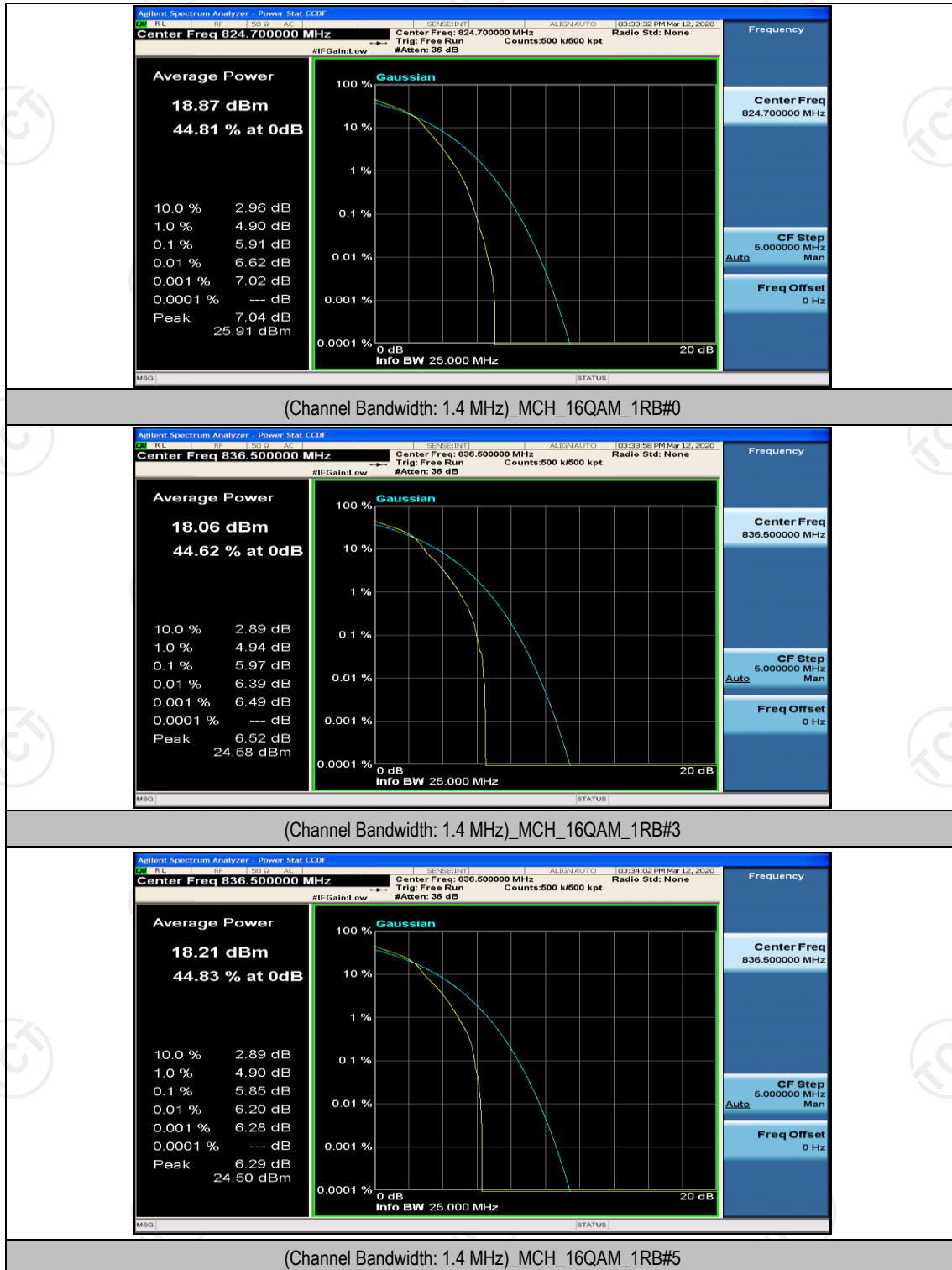


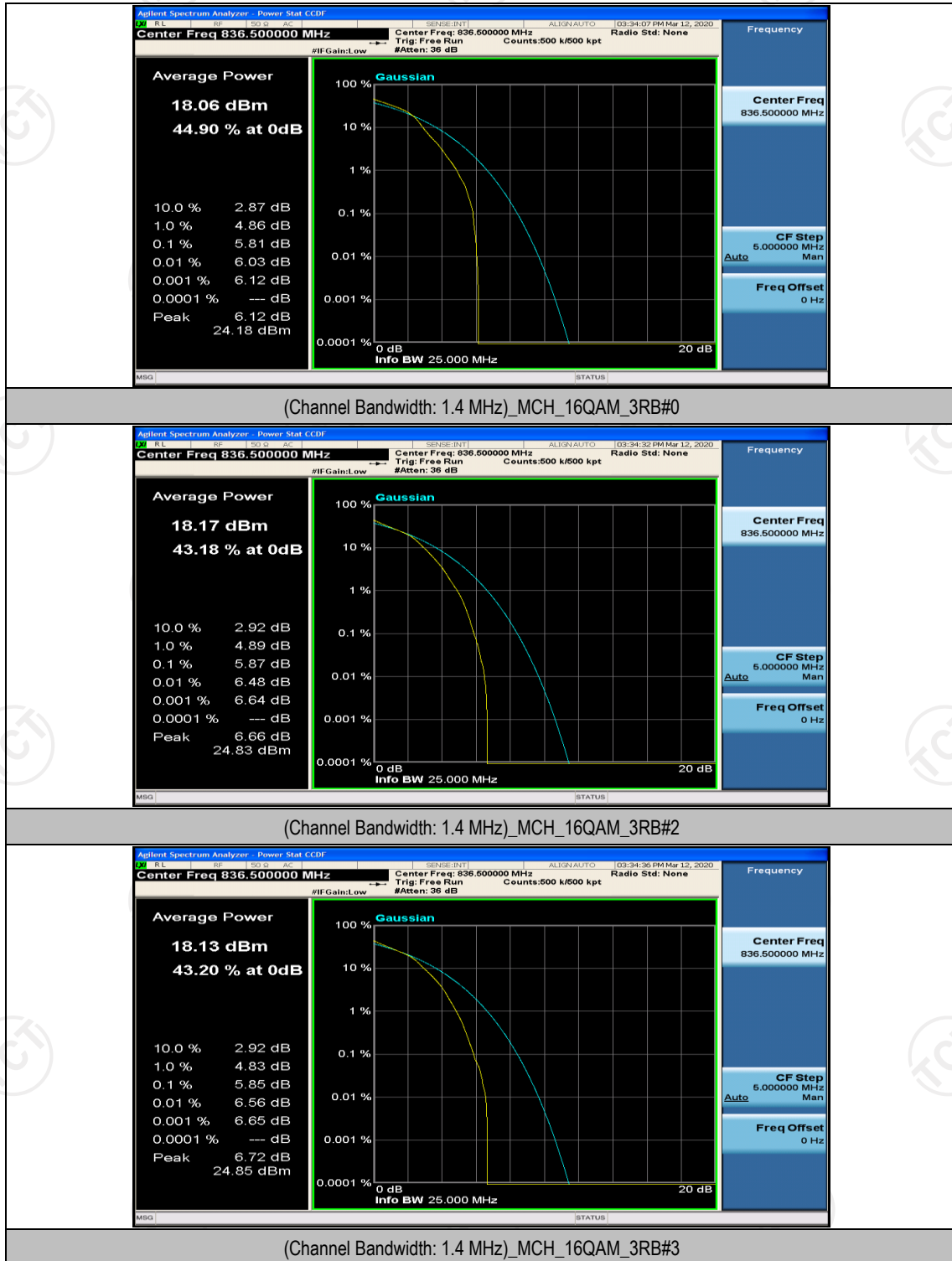


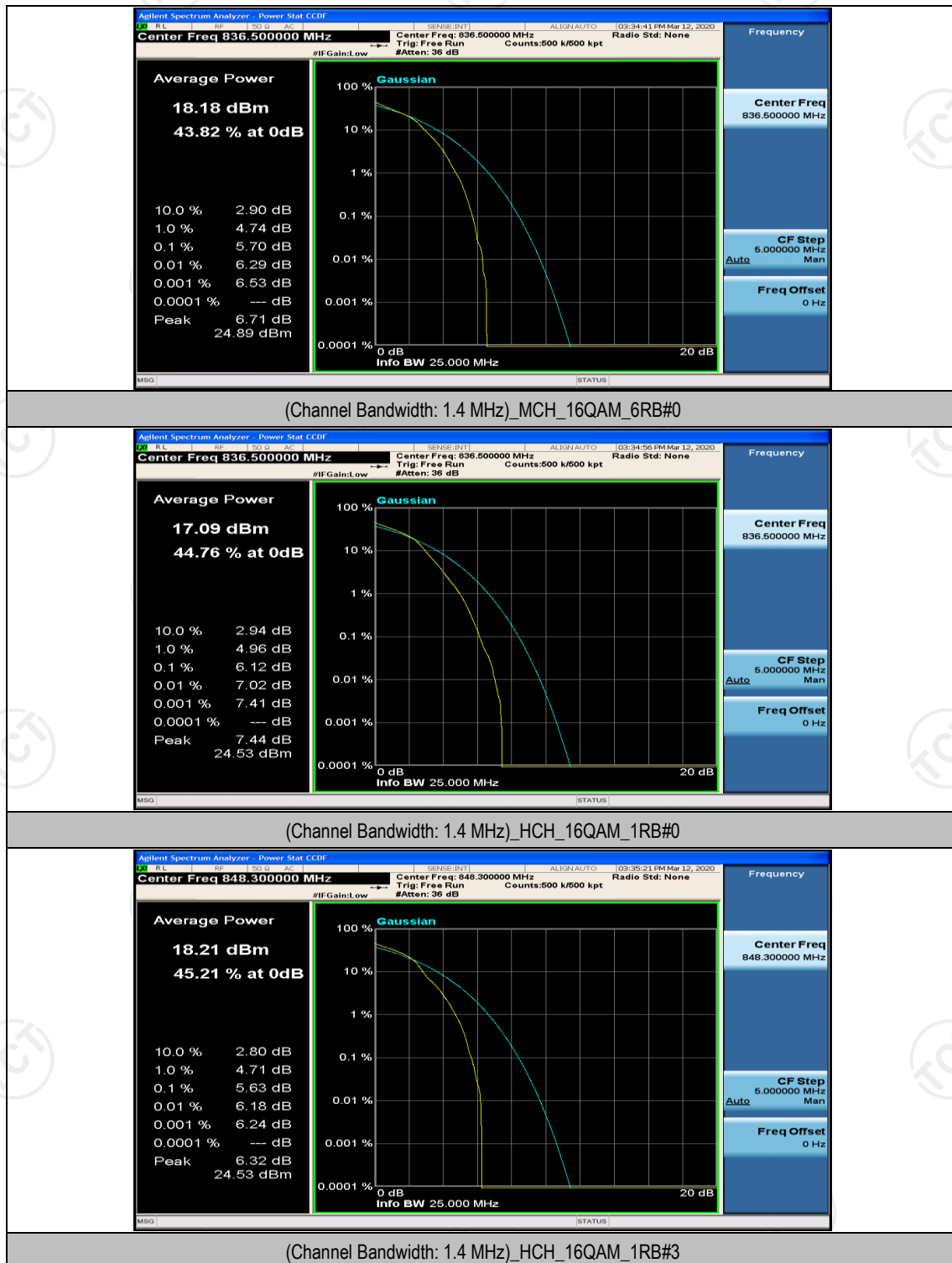


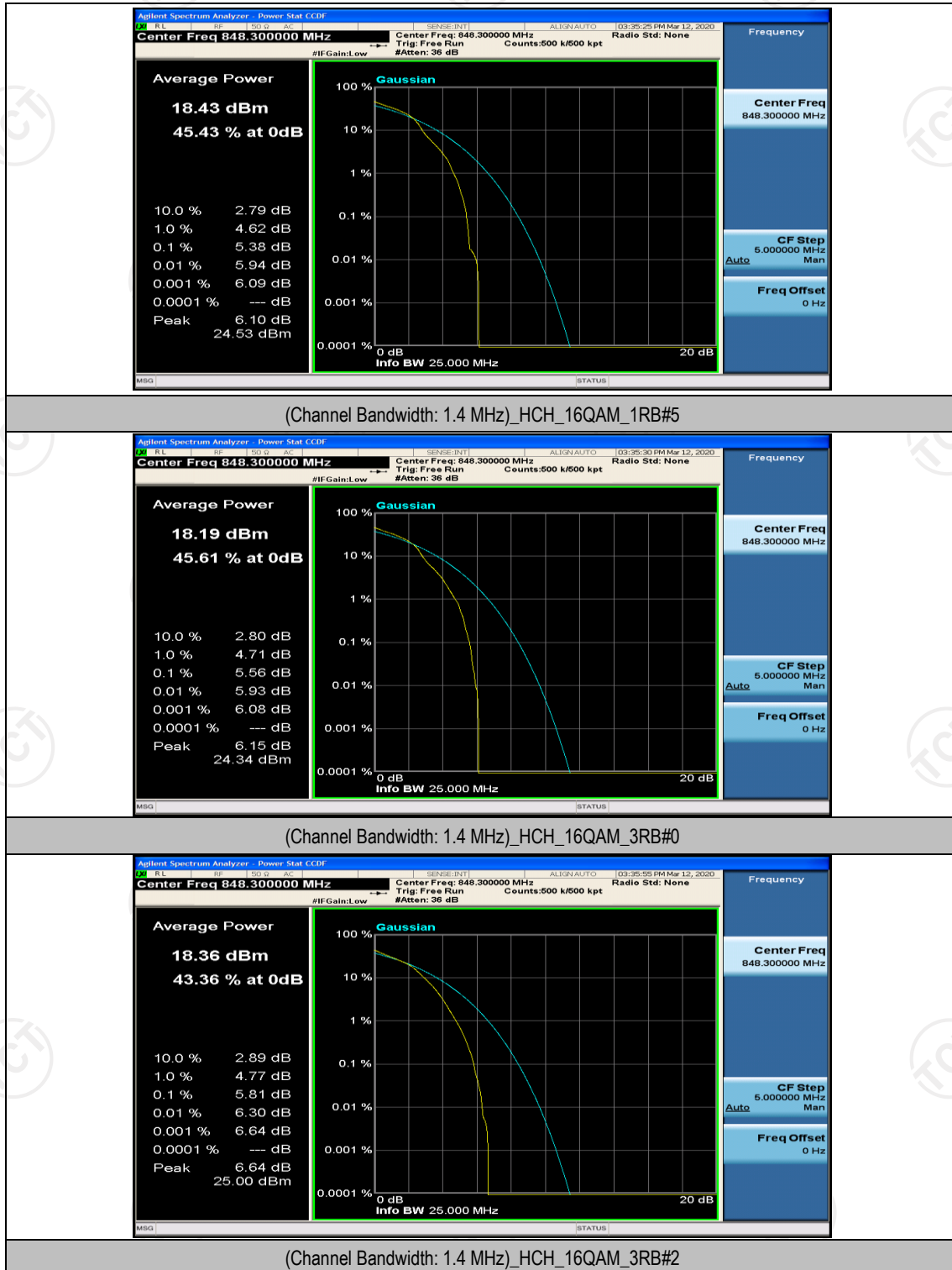


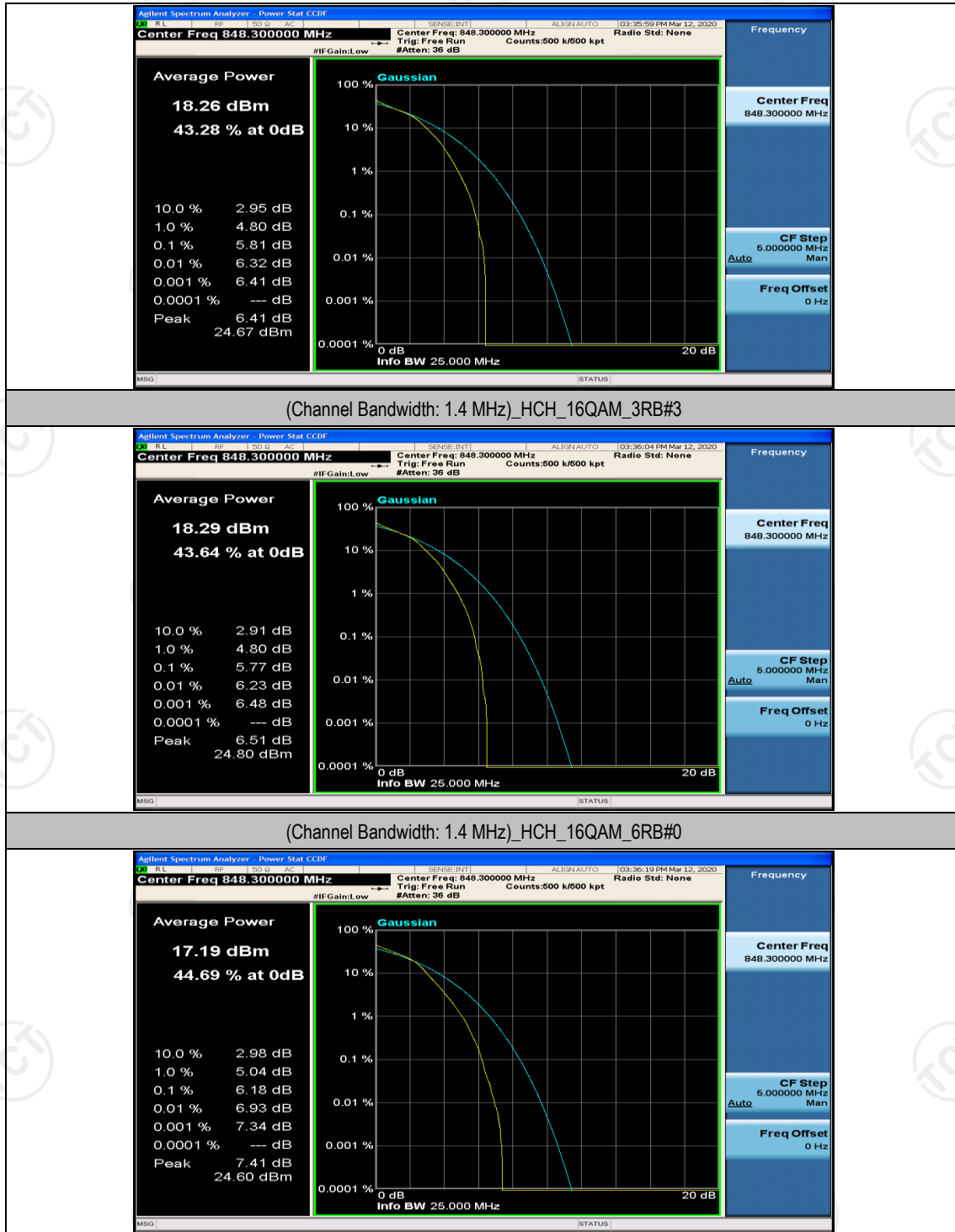






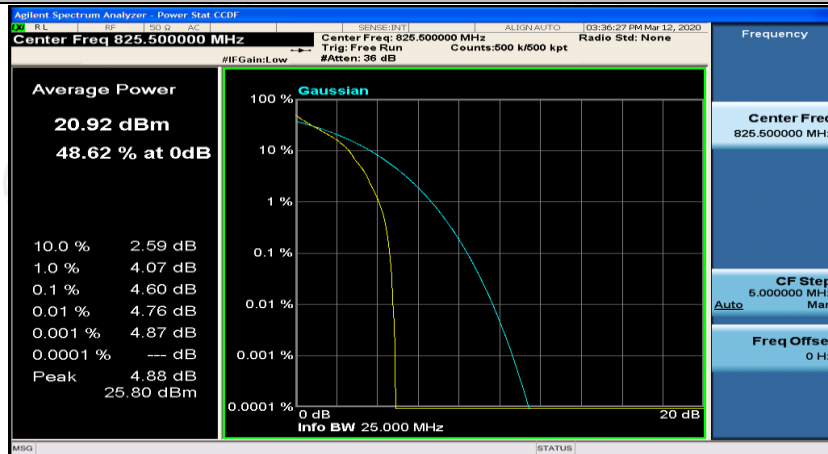




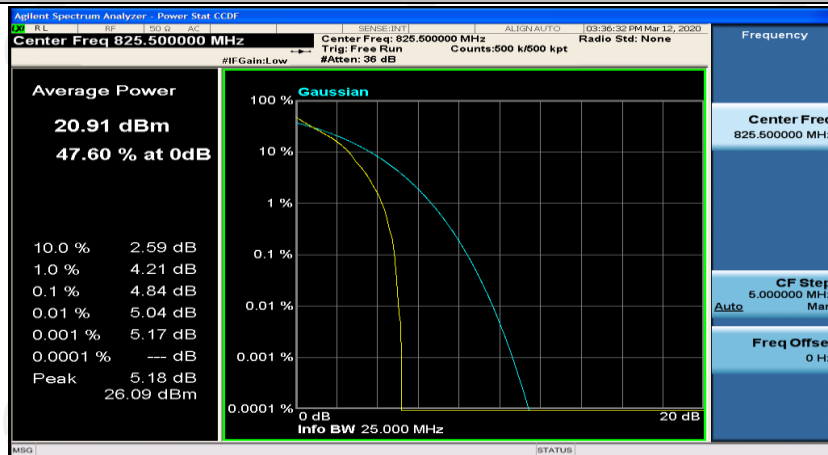


Channel Bandwidth: 3 MHz

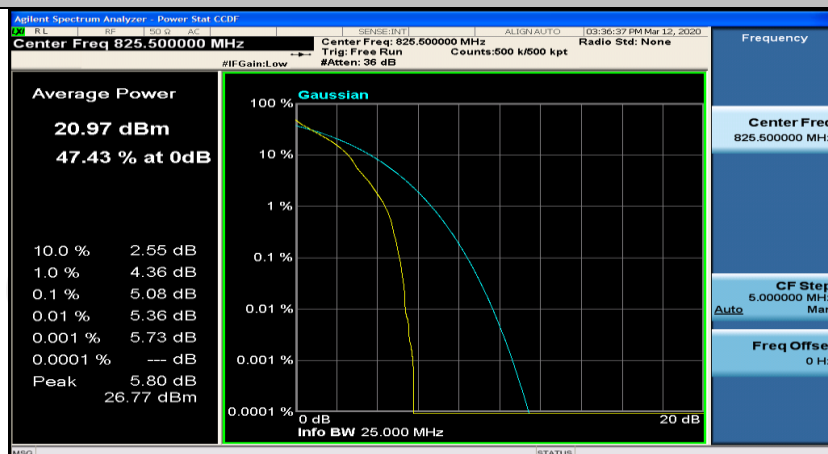
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0

