

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	22.87	16.43	PASS
		1	3	22.99	16.55	PASS
		1	5	22.89	16.45	PASS
		3	0	22.93	16.49	PASS
		3	2	22.91	16.47	PASS
		3	3	23.00	16.56	PASS
		6	0	21.94	15.50	PASS
	MCH	1	0	22.91	16.47	PASS
		1	3	23.05	16.61	PASS
		1	5	22.88	16.44	PASS
		3	0	22.91	16.47	PASS
		3	2	22.92	16.48	PASS
		3	3	22.93	16.49	PASS
		6	0	21.89	15.45	PASS
	HCH	1	0	22.77	16.33	PASS
		1	3	22.89	16.45	PASS
		1	5	22.75	16.31	PASS
		3	0	22.79	16.35	PASS
		3	2	22.78	16.34	PASS
		3	3	22.76	16.32	PASS
		6	0	21.84	15.40	PASS
16QAM	LCH	1	0	21.98	15.54	PASS
		1	3	22.15	15.71	PASS
		1	5	22.02	15.58	PASS
		3	0	21.82	15.38	PASS
		3	2	21.85	15.41	PASS
		3	3	21.85	15.41	PASS
		6	0	20.76	14.32	PASS
	MCH	1	0	21.75	15.31	PASS
		1	3	21.91	15.47	PASS
		1	5	21.76	15.32	PASS
		3	0	21.75	15.31	PASS
		3	2	21.76	15.32	PASS

		3	3	21.74	15.30	PASS
		6	0	20.85	14.41	PASS
	HCH	1	0	21.76	15.32	PASS
		1	3	21.90	15.46	PASS
		1	5	21.79	15.35	PASS
		3	0	21.67	15.23	PASS
		3	2	21.67	15.23	PASS
		3	3	21.62	15.18	PASS
		6	0	20.79	14.35	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	22.93	16.49	PASS
		1	7	22.91	16.47	PASS
		1	14	22.92	16.48	PASS
		8	0	21.90	15.46	PASS
		8	4	21.91	15.47	PASS
		8	7	21.96	15.52	PASS
		15	0	21.92	15.48	PASS
	MCH	1	0	22.97	16.53	PASS
		1	7	22.87	16.43	PASS
		1	14	22.92	16.48	PASS
		8	0	21.93	15.49	PASS
		8	4	21.90	15.46	PASS
		8	7	21.90	15.46	PASS
		15	0	21.85	15.41	PASS
	HCH	1	0	22.85	16.41	PASS
		1	7	22.79	16.35	PASS
		1	14	22.78	16.34	PASS
		8	0	21.82	15.38	PASS
		8	4	21.82	15.38	PASS
		8	7	21.82	15.38	PASS
		15	0	21.76	15.32	PASS
16QAM	LCH	1	0	22.06	15.62	PASS
		1	7	22.04	15.60	PASS
		1	14	22.05	15.61	PASS
		8	0	20.92	14.48	PASS
		8	4	20.94	14.50	PASS
		8	7	20.94	14.50	PASS

	MCH	15	0	20.89	14.45	PASS
		1	0	22.10	15.66	PASS
		1	7	21.99	15.55	PASS
		1	14	22.03	15.59	PASS
		8	0	20.86	14.42	PASS
		8	4	20.87	14.43	PASS
		8	7	20.83	14.39	PASS
		15	0	20.77	14.33	PASS
	HCH	1	0	21.68	15.24	PASS
		1	7	21.68	15.24	PASS
		1	14	21.65	15.21	PASS
		8	0	20.77	14.33	PASS
		8	4	20.73	14.29	PASS
		8	7	20.71	14.27	PASS
		15	0	20.62	14.18	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	22.85	16.41	PASS
		1	12	22.95	16.51	PASS
		1	24	22.85	16.41	PASS
		12	0	21.89	15.45	PASS
		12	6	21.85	15.41	PASS
		12	13	21.84	15.40	PASS
		25	0	21.87	15.43	PASS
	MCH	1	0	22.86	16.42	PASS
		1	12	22.97	16.53	PASS
		1	24	22.84	16.40	PASS
		12	0	21.91	15.47	PASS
		12	6	21.90	15.46	PASS
		12	13	21.85	15.41	PASS
		25	0	21.92	15.48	PASS
	HCH	1	0	22.84	16.40	PASS
		1	12	22.89	16.45	PASS
		1	24	22.77	16.33	PASS
		12	0	21.73	15.29	PASS
		12	6	21.69	15.25	PASS
		12	13	21.73	15.29	PASS
		25	0	21.78	15.34	PASS

16QAM	LCH	1	0	21.81	15.37	PASS
		1	12	21.92	15.48	PASS
		1	24	21.85	15.41	PASS
		12	0	20.83	14.39	PASS
		12	6	20.83	14.39	PASS
		12	13	20.91	14.47	PASS
		25	0	20.85	14.41	PASS
	MCH	1	0	22.00	15.56	PASS
		1	12	22.16	15.72	PASS
		1	24	21.98	15.54	PASS
		12	0	20.91	14.47	PASS
		12	6	20.92	14.48	PASS
		12	13	20.88	14.44	PASS
		25	0	20.86	14.42	PASS
	HCH	1	0	21.78	15.34	PASS
		1	12	21.87	15.43	PASS
		1	24	21.73	15.29	PASS
		12	0	20.75	14.31	PASS
		12	6	20.70	14.26	PASS
		12	13	20.75	14.31	PASS
		25	0	20.80	14.36	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	22.87	16.43	PASS
		1	24	23.00	16.56	PASS
		1	49	22.86	16.42	PASS
		25	0	22.00	15.56	PASS
		25	12	22.01	15.57	PASS
		25	25	21.90	15.46	PASS
		50	0	21.97	15.53	PASS
	MCH	1	0	22.87	16.43	PASS
		1	24	22.94	16.50	PASS
		1	49	22.77	16.33	PASS
		25	0	22.01	15.57	PASS
		25	12	22.04	15.60	PASS
		25	25	22.03	15.59	PASS
		50	0	22.03	15.59	PASS
	HCH	1	0	22.92	16.48	PASS

		1	24	23.00	16.56	PASS
		1	49	22.77	16.33	PASS
		25	0	21.89	15.45	PASS
		25	12	21.87	15.43	PASS
		25	25	21.91	15.47	PASS
		50	0	21.92	15.48	PASS
16QAM	LCH	1	0	22.02	15.58	PASS
		1	24	22.16	15.72	PASS
		1	49	22.01	15.57	PASS
		25	0	20.96	14.52	PASS
		25	12	20.95	14.51	PASS
		25	25	20.88	14.44	PASS
		50	0	20.91	14.47	PASS
	MCH	1	0	22.01	15.57	PASS
		1	24	22.16	15.72	PASS
		1	49	21.86	15.42	PASS
		25	0	21.02	14.58	PASS
		25	12	21.02	14.58	PASS
		25	25	21.01	14.57	PASS
		50	0	20.98	14.54	PASS
	HCH	1	0	21.79	15.35	PASS
		1	24	21.86	15.42	PASS
		1	49	21.62	15.18	PASS
		25	0	20.91	14.47	PASS
		25	12	20.89	14.45	PASS
		25	25	20.90	14.46	PASS
		50	0	20.86	14.42	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	4.58	<13	PASS
		1	3	4.43	<13	PASS
		1	5	4.31	<13	PASS
		3	0	4.53	<13	PASS
		3	2	4.54	<13	PASS
		3	3	4.48	<13	PASS
		6	0	5.02	<13	PASS
	MCH	1	0	4.72	<13	PASS
		1	3	4.57	<13	PASS
		1	5	4.63	<13	PASS
		3	0	4.93	<13	PASS
		3	2	4.82	<13	PASS
		3	3	4.83	<13	PASS
		6	0	5.28	<13	PASS
	HCH	1	0	3.79	<13	PASS
		1	3	3.64	<13	PASS
		1	5	3.66	<13	PASS
		3	0	3.87	<13	PASS
		3	2	3.89	<13	PASS
		3	3	3.87	<13	PASS
		6	0	4.38	<13	PASS
16QAM	LCH	1	0	5.31	<13	PASS
		1	3	5.15	<13	PASS
		1	5	5.42	<13	PASS
		3	0	5.29	<13	PASS
		3	2	5.31	<13	PASS
		3	3	5.22	<13	PASS
		6	0	5.83	<13	PASS
	MCH	1	0	5.43	<13	PASS
		1	3	5.33	<13	PASS
		1	5	5.34	<13	PASS
		3	0	5.69	<13	PASS

		3	2	5.74	<13	PASS
		3	3	5.68	<13	PASS
		6	0	6.15	<13	PASS
	HCH	1	0	4.94	<13	PASS
		1	3	4.62	<13	PASS
		1	5	4.83	<13	PASS
		3	0	4.88	<13	PASS
		3	2	4.76	<13	PASS
		3	3	4.75	<13	PASS
		6	0	5.43	<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	4.37	<13	PASS
		1	7	4.34	<13	PASS
		1	14	4.30	<13	PASS
		8	0	5.03	<13	PASS
		8	4	5.01	<13	PASS
		8	7	4.98	<13	PASS
		15	0	4.94	<13	PASS
	MCH	1	0	4.59	<13	PASS
		1	7	4.61	<13	PASS
		1	14	4.50	<13	PASS
		8	0	5.39	<13	PASS
		8	4	5.35	<13	PASS
		8	7	5.31	<13	PASS
		15	0	5.30	<13	PASS
	HCH	1	0	3.96	<13	PASS
		1	7	3.74	<13	PASS
		1	14	3.68	<13	PASS
		8	0	4.58	<13	PASS
		8	4	4.65	<13	PASS
		8	7	4.52	<13	PASS
		15	0	4.56	<13	PASS
16QAM	LCH	1	0	5.17	<13	PASS
		1	7	5.27	<13	PASS
		1	14	5.18	<13	PASS
		8	0	5.84	<13	PASS
		8	4	5.83	<13	PASS

		8	7	5.77	<13	PASS
		15	0	5.93	<13	PASS
	MCH	1	0	5.41	<13	PASS
		1	7	5.33	<13	PASS
		1	14	5.25	<13	PASS
		8	0	6.16	<13	PASS
		8	4	6.20	<13	PASS
		8	7	6.18	<13	PASS
		15	0	6.12	<13	PASS
		1	0	4.97	<13	PASS
	HCH	1	7	4.78	<13	PASS
		1	14	4.66	<13	PASS
		8	0	5.50	<13	PASS
		8	4	5.51	<13	PASS
		8	7	5.39	<13	PASS
		15	0	5.50	<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	4.56	<13	PASS
		1	12	4.41	<13	PASS
		1	24	4.81	<13	PASS
		12	0	4.99	<13	PASS
		12	6	4.98	<13	PASS
		12	13	5.14	<13	PASS
		25	0	5.11	<13	PASS
	MCH	1	0	4.85	<13	PASS
		1	12	4.72	<13	PASS
		1	24	4.60	<13	PASS
		12	0	5.41	<13	PASS
		12	6	5.43	<13	PASS
		12	13	5.37	<13	PASS
		25	0	5.32	<13	PASS
	HCH	1	0	4.36	<13	PASS
		1	12	3.88	<13	PASS
		1	24	3.77	<13	PASS
		12	0	4.93	<13	PASS
		12	6	4.90	<13	PASS
		12	13	4.59	<13	PASS

		25	0	4.77	<13	PASS
16QAM	LCH	1	0	5.24	<13	PASS
		1	12	5.17	<13	PASS
		1	24	5.35	<13	PASS
		12	0	5.90	<13	PASS
		12	6	5.82	<13	PASS
		12	13	5.9	<13	PASS
		25	0	5.94	<13	PASS
	MCH	1	0	5.50	<13	PASS
		1	12	5.45	<13	PASS
		1	24	5.36	<13	PASS
		12	0	6.05	<13	PASS
		12	6	6.19	<13	PASS
		12	13	6.16	<13	PASS
		25	0	6.15	<13	PASS
	HCH	1	0	4.96	<13	PASS
		1	12	4.50	<13	PASS
		1	24	4.41	<13	PASS
		12	0	5.76	<13	PASS
		12	6	5.73	<13	PASS
		12	13	5.50	<13	PASS
		25	0	5.59	<13	PASS

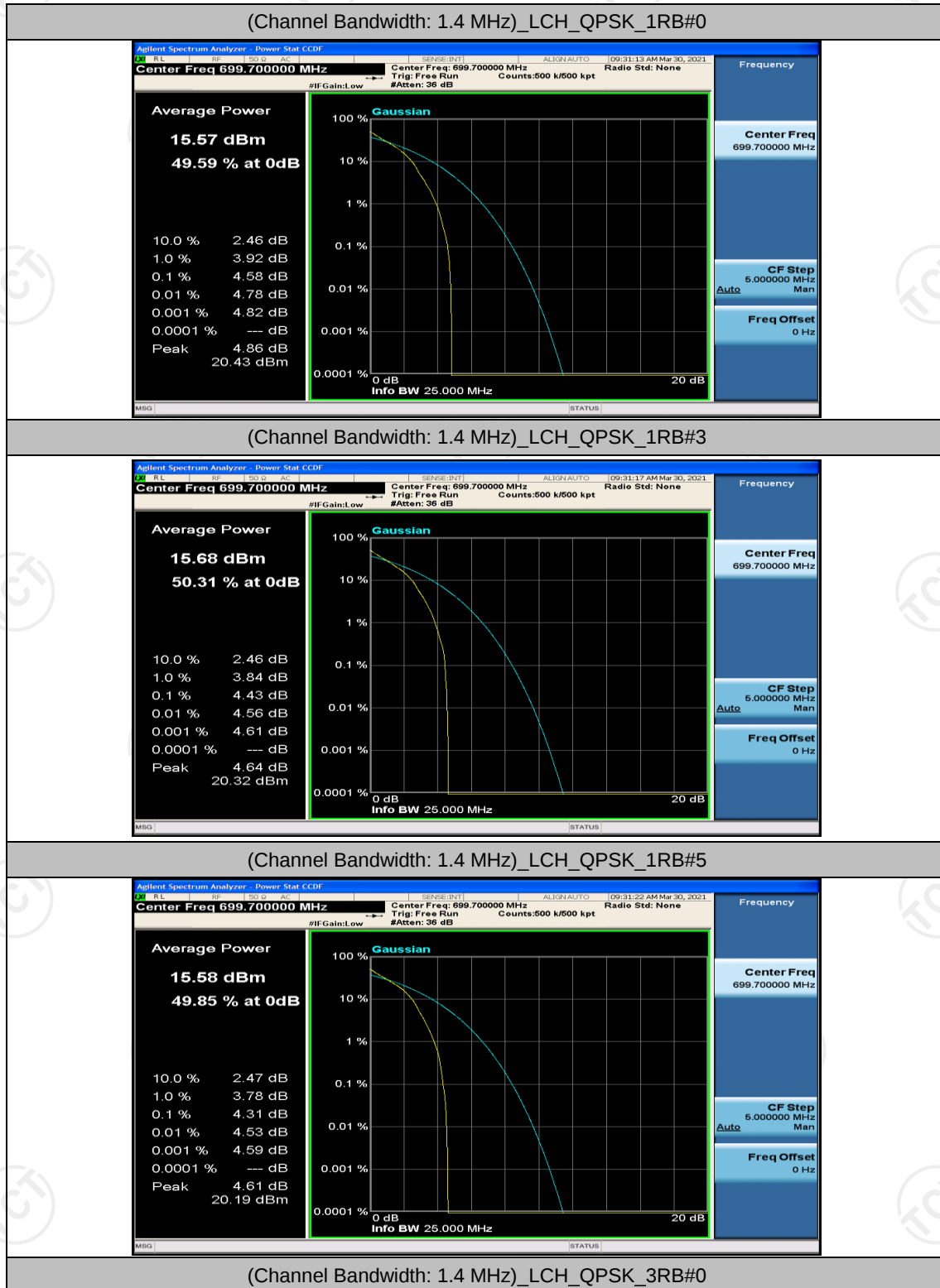
Channel Bandwidth: 10 MHz

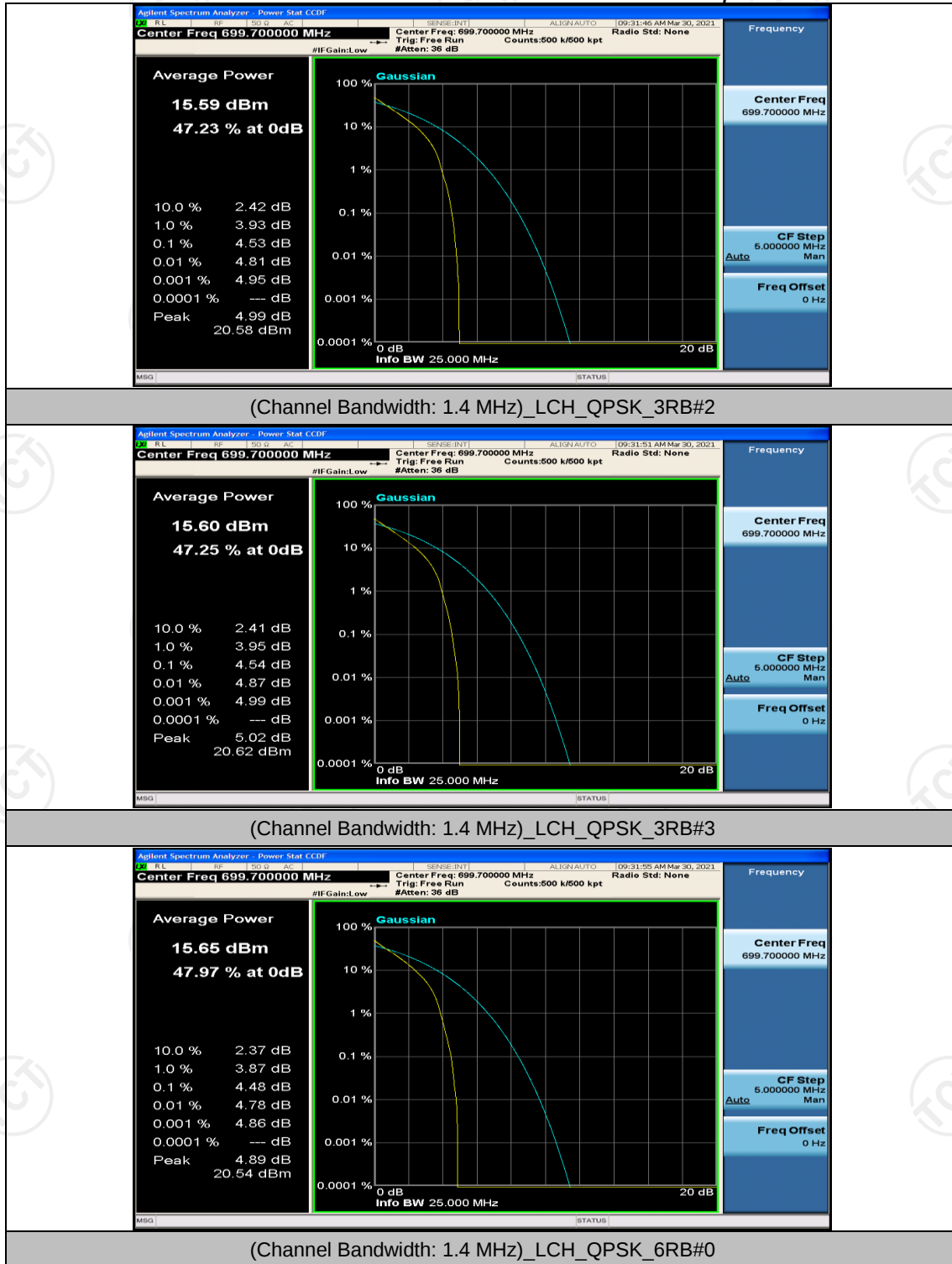
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.33	<13	PASS
		1	24	4.56	<13	PASS
		1	49	4.71	<13	PASS
		25	0	5.06	<13	PASS
		25	12	5.05	<13	PASS
		25	25	5.33	<13	PASS
		50	0	5.21	<13	PASS
	MCH	1	0	4.44	<13	PASS
		1	24	4.50	<13	PASS
		1	49	4.13	<13	PASS
		25	0	5.29	<13	PASS
		25	12	5.32	<13	PASS
		25	25	5.09	<13	PASS
		50	0	5.22	<13	PASS

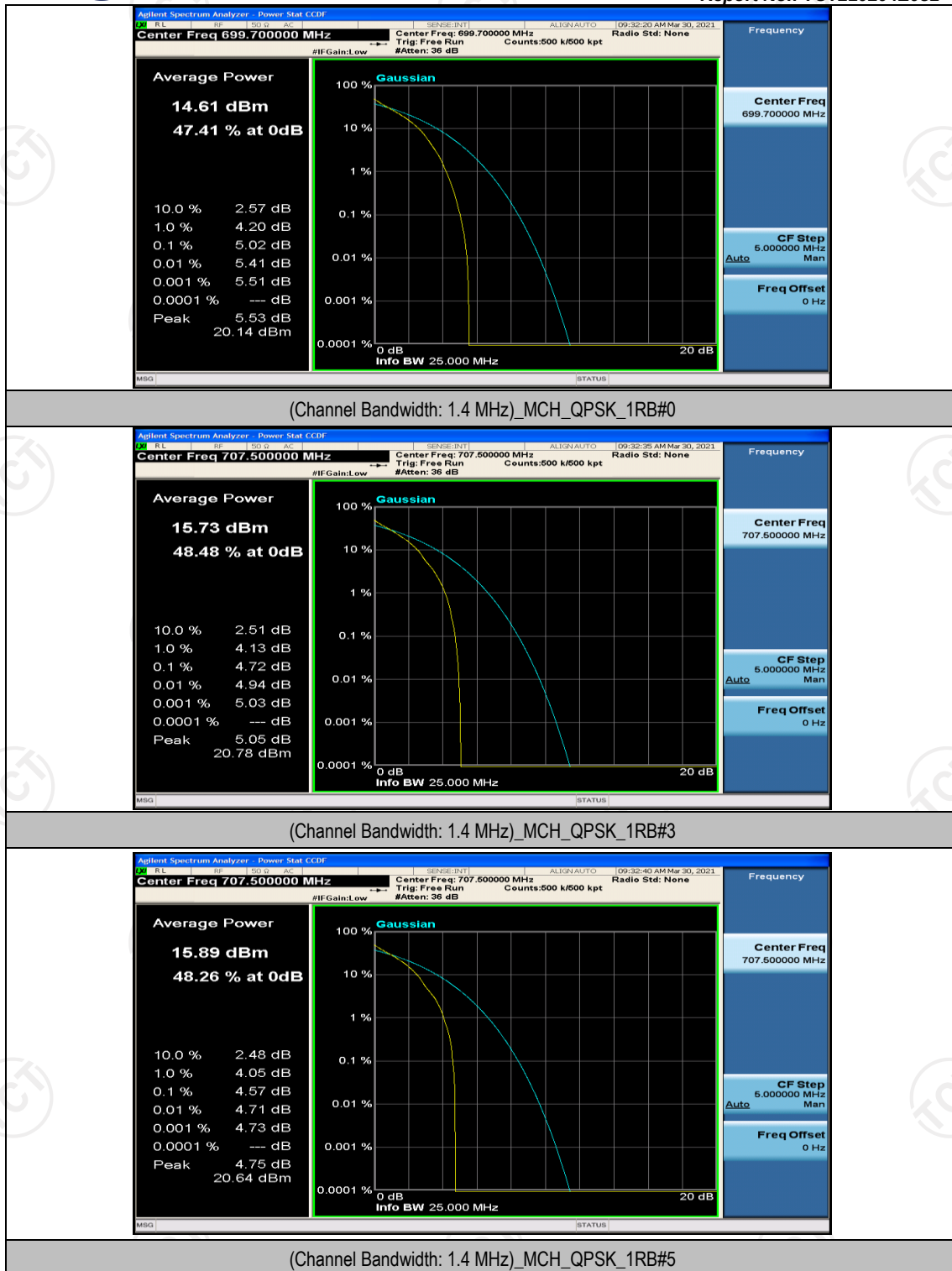
	HCH	1	0	4.67	<13	PASS
		1	24	4.22	<13	PASS
		1	49	3.71	<13	PASS
		25	0	5.23	<13	PASS
		25	12	5.20	<13	PASS
		25	25	4.70	<13	PASS
		50	0	5.03	<13	PASS
16QAM	LCH	1	0	5.22	<13	PASS
		1	24	5.38	<13	PASS
		1	49	5.52	<13	PASS
		25	0	5.92	<13	PASS
		25	12	5.93	<13	PASS
		25	25	6.25	<13	PASS
		50	0	6.02	<13	PASS
	MCH	1	0	5.11	<13	PASS
		1	24	5.29	<13	PASS
		1	49	4.94	<13	PASS
		25	0	6.15	<13	PASS
		25	12	6.12	<13	PASS
		25	25	5.99	<13	PASS
		50	0	6.06	<13	PASS
	HCH	1	0	5.77	<13	PASS
		1	24	5.34	<13	PASS
		1	49	4.76	<13	PASS
		25	0	6.11	<13	PASS
		25	12	6.09	<13	PASS
		25	25	5.56	<13	PASS
		50	0	5.87	<13	PASS

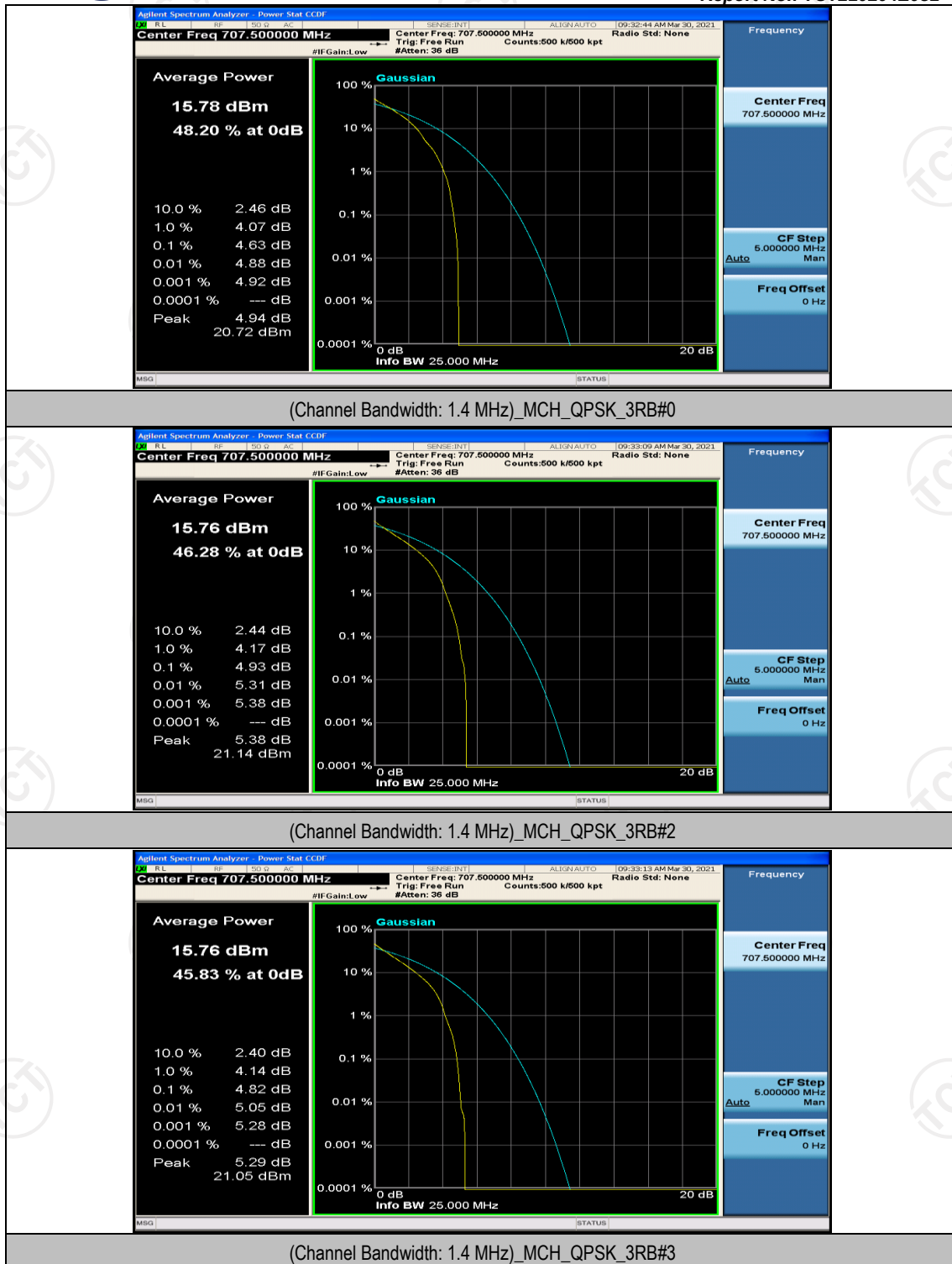
Test Graphs

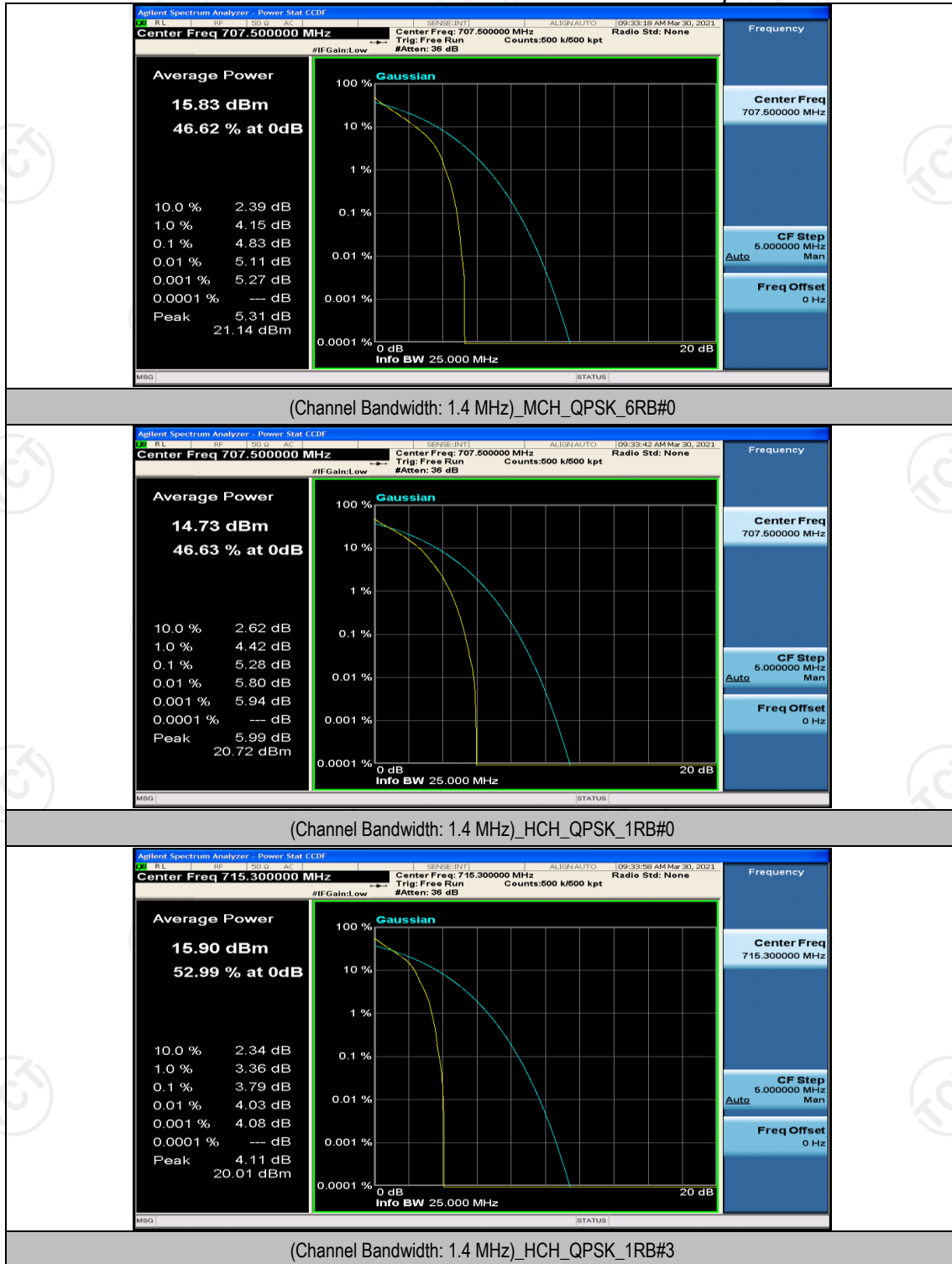
Channel Bandwidth: 1.4 MHz

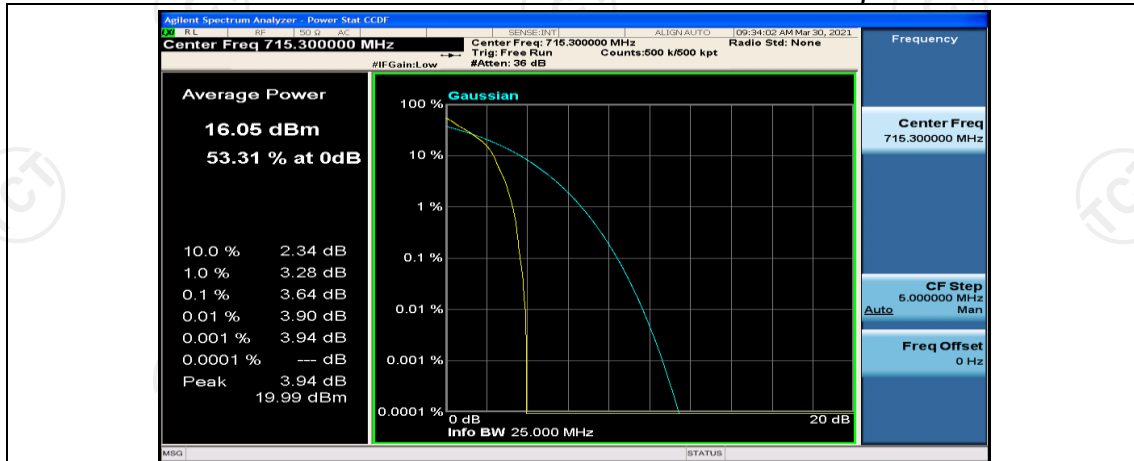




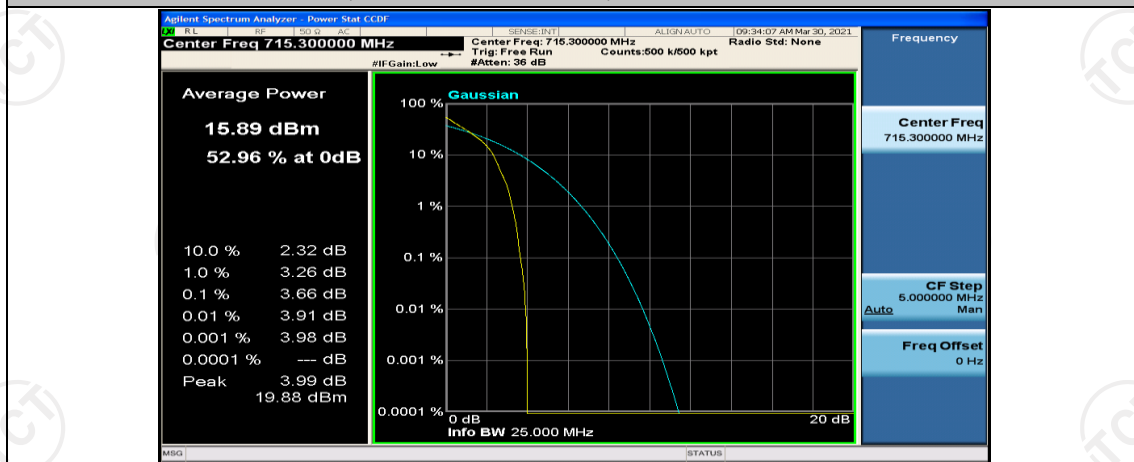




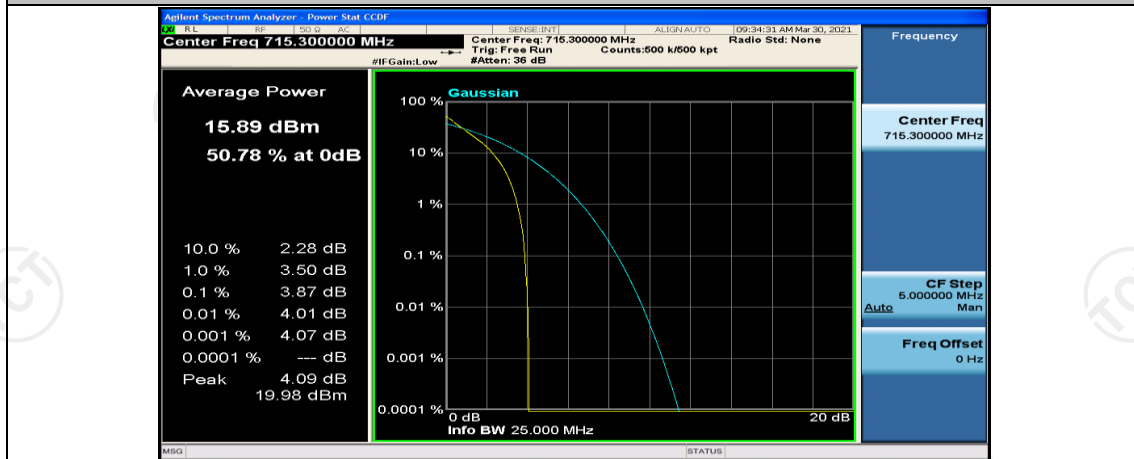




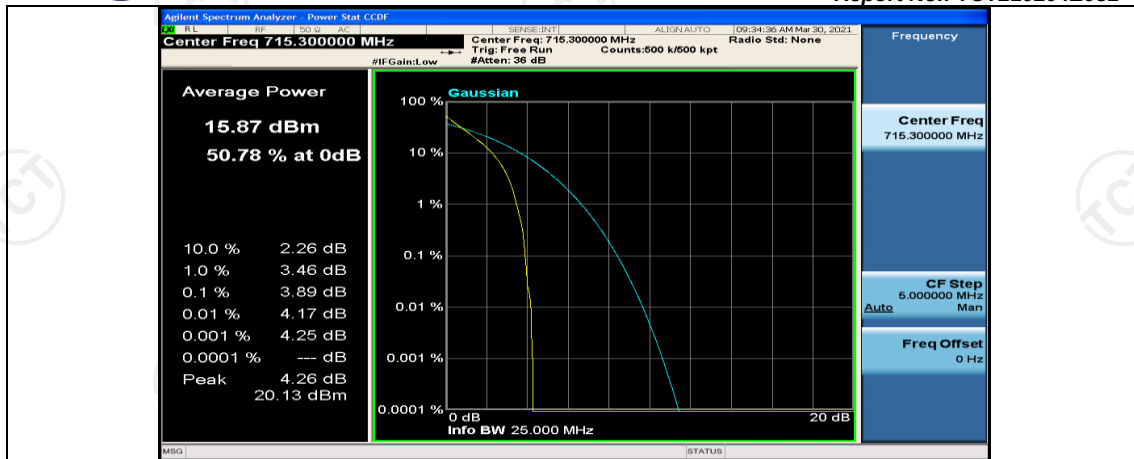
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



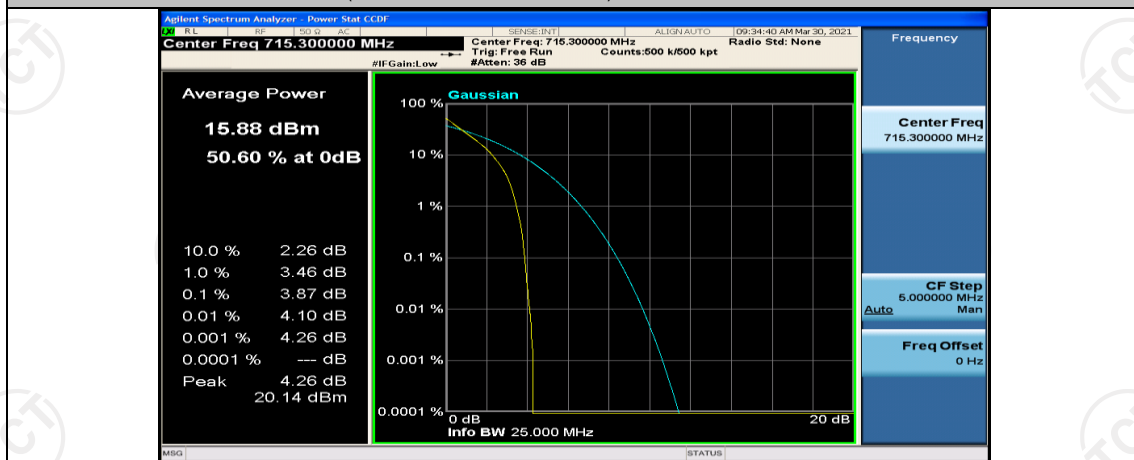
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



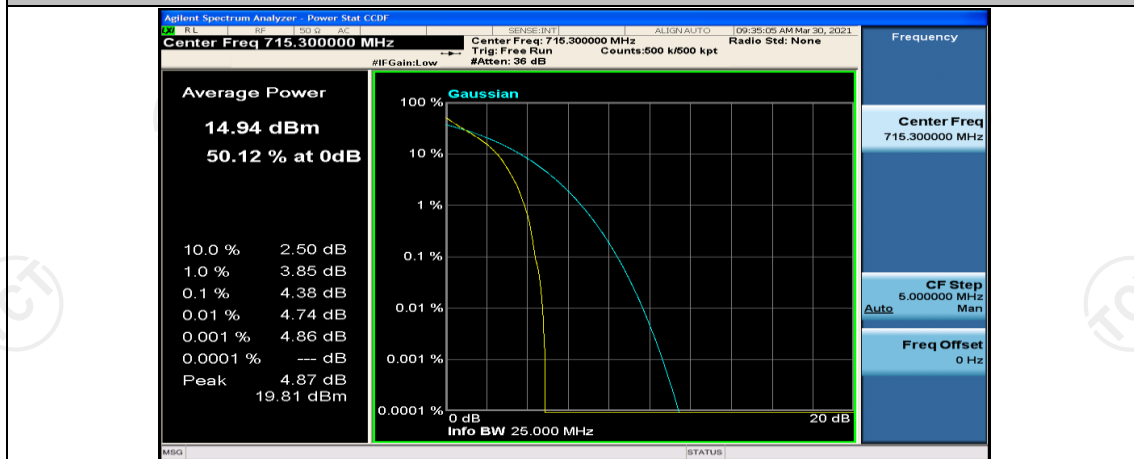
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



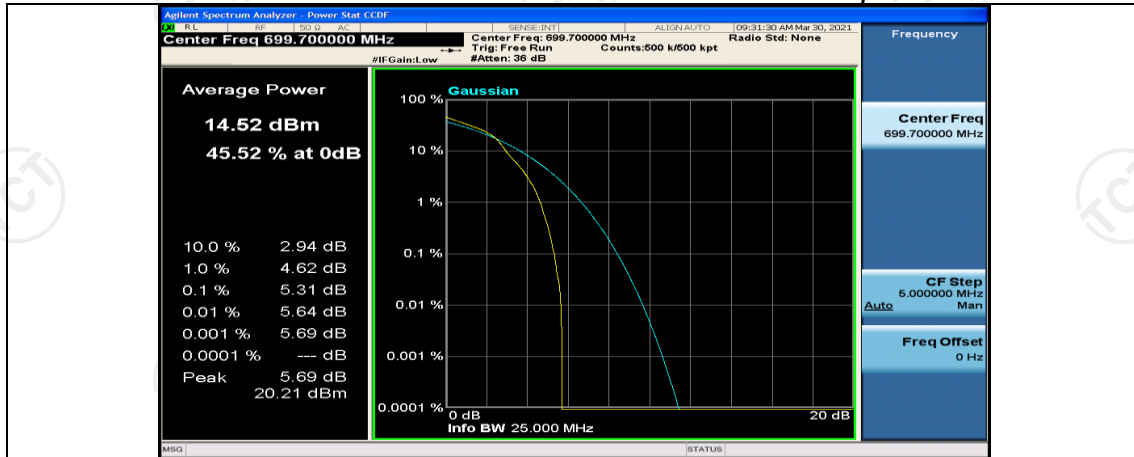
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



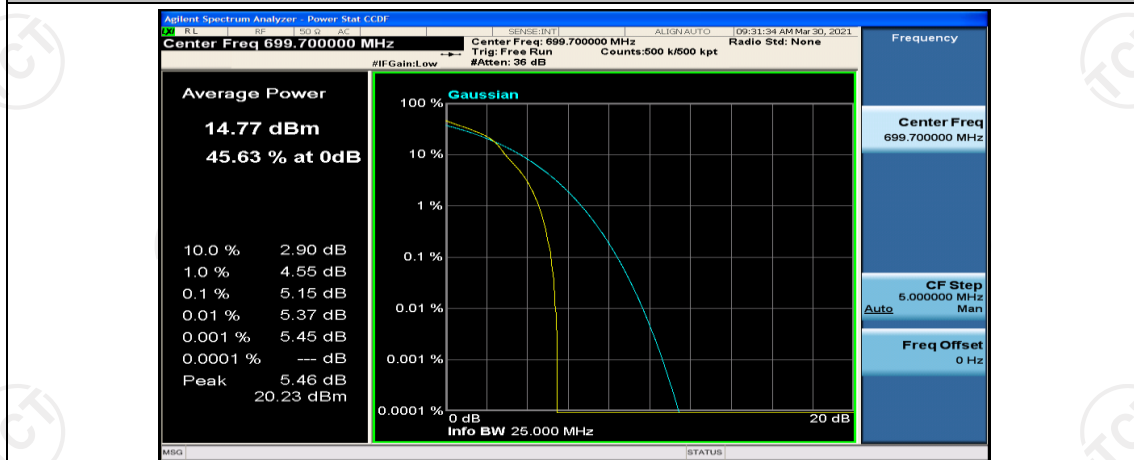
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



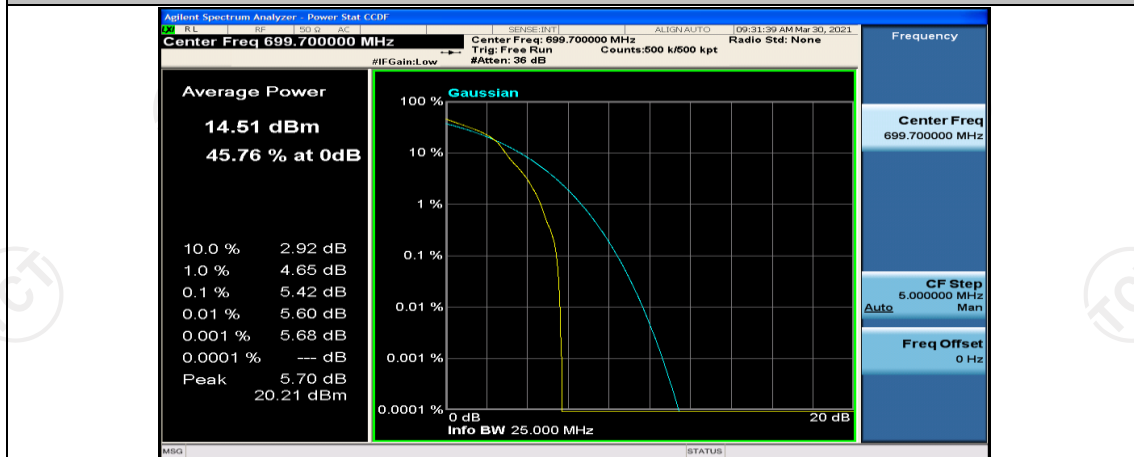
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



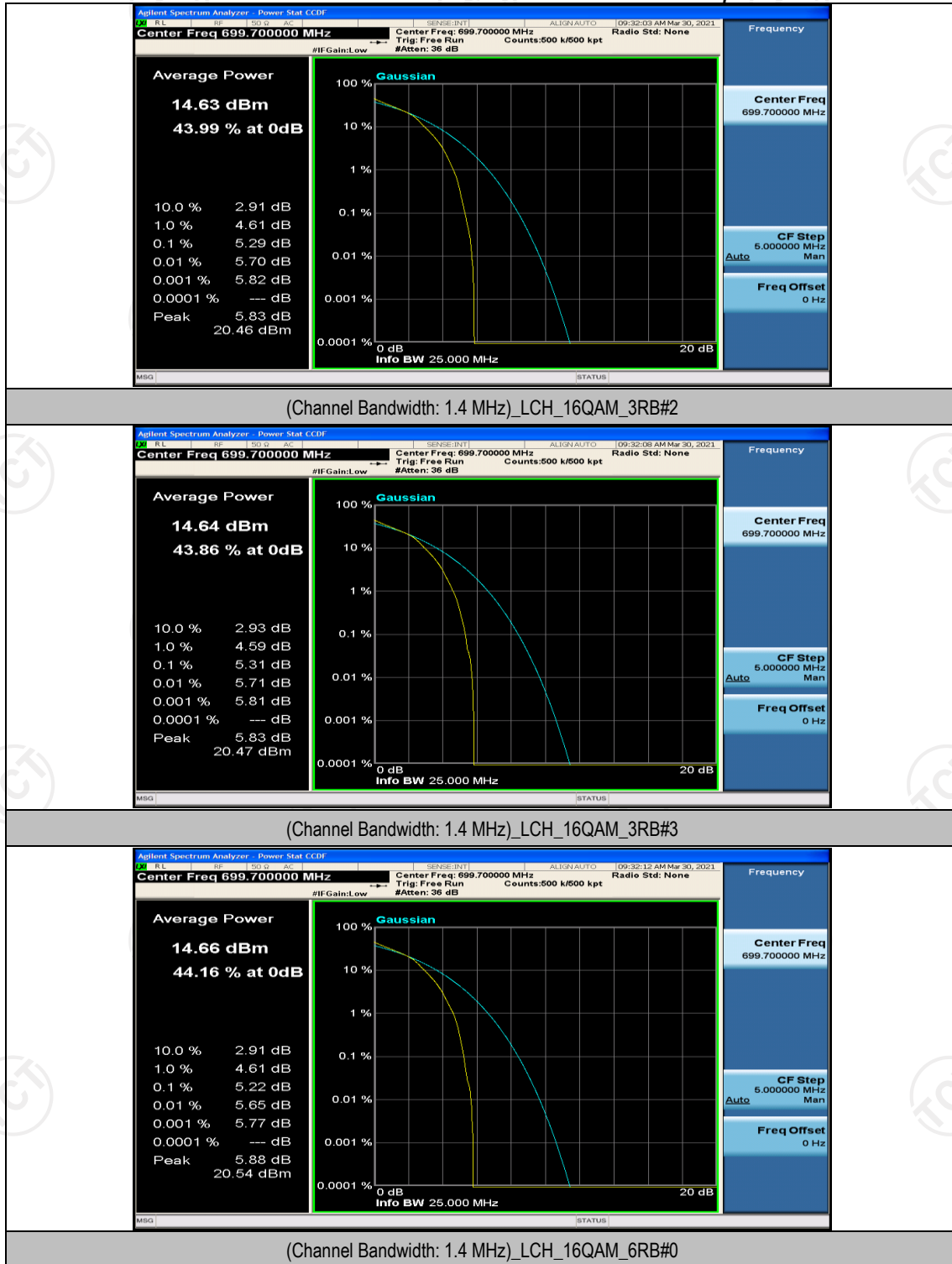
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3

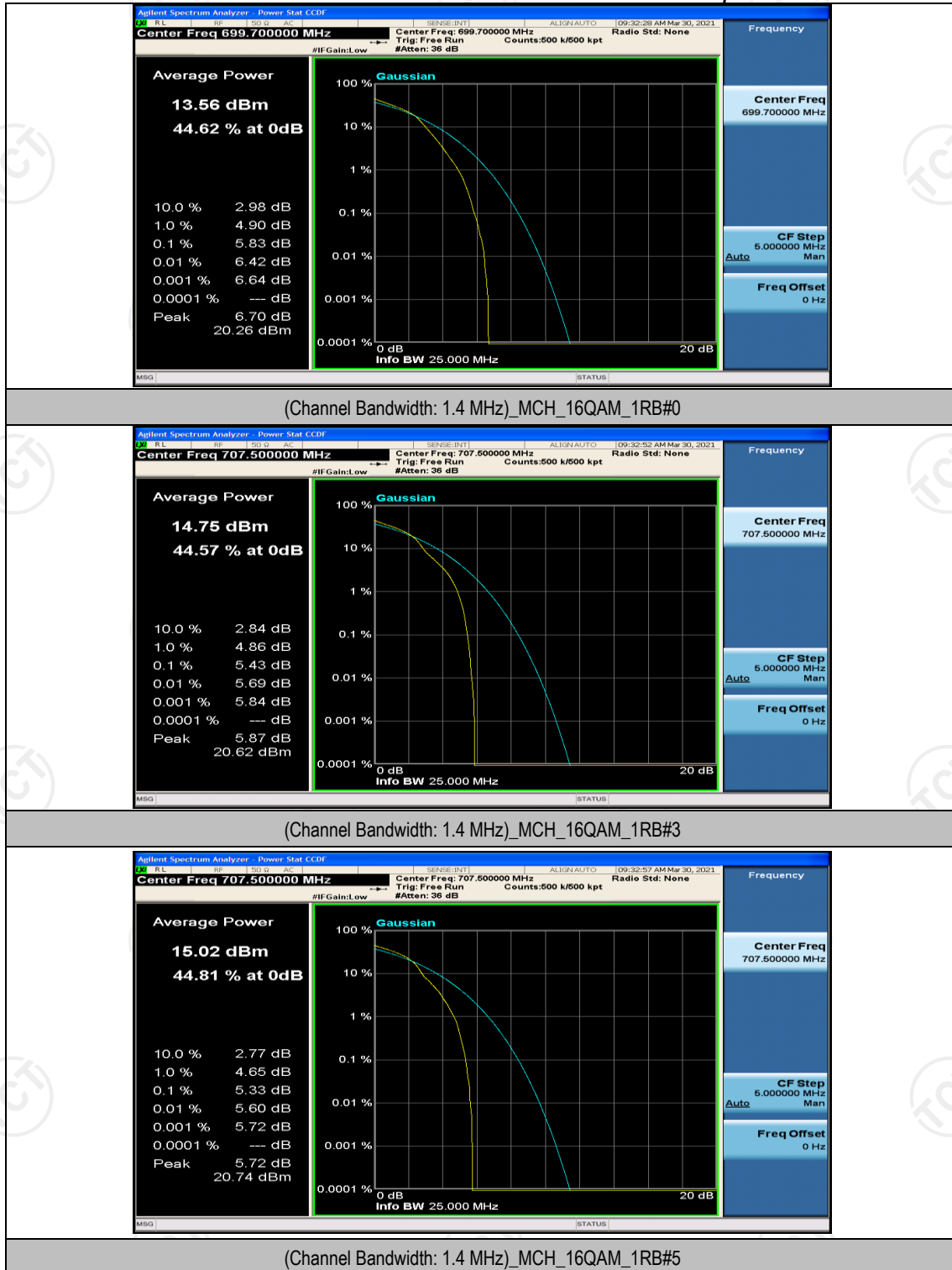


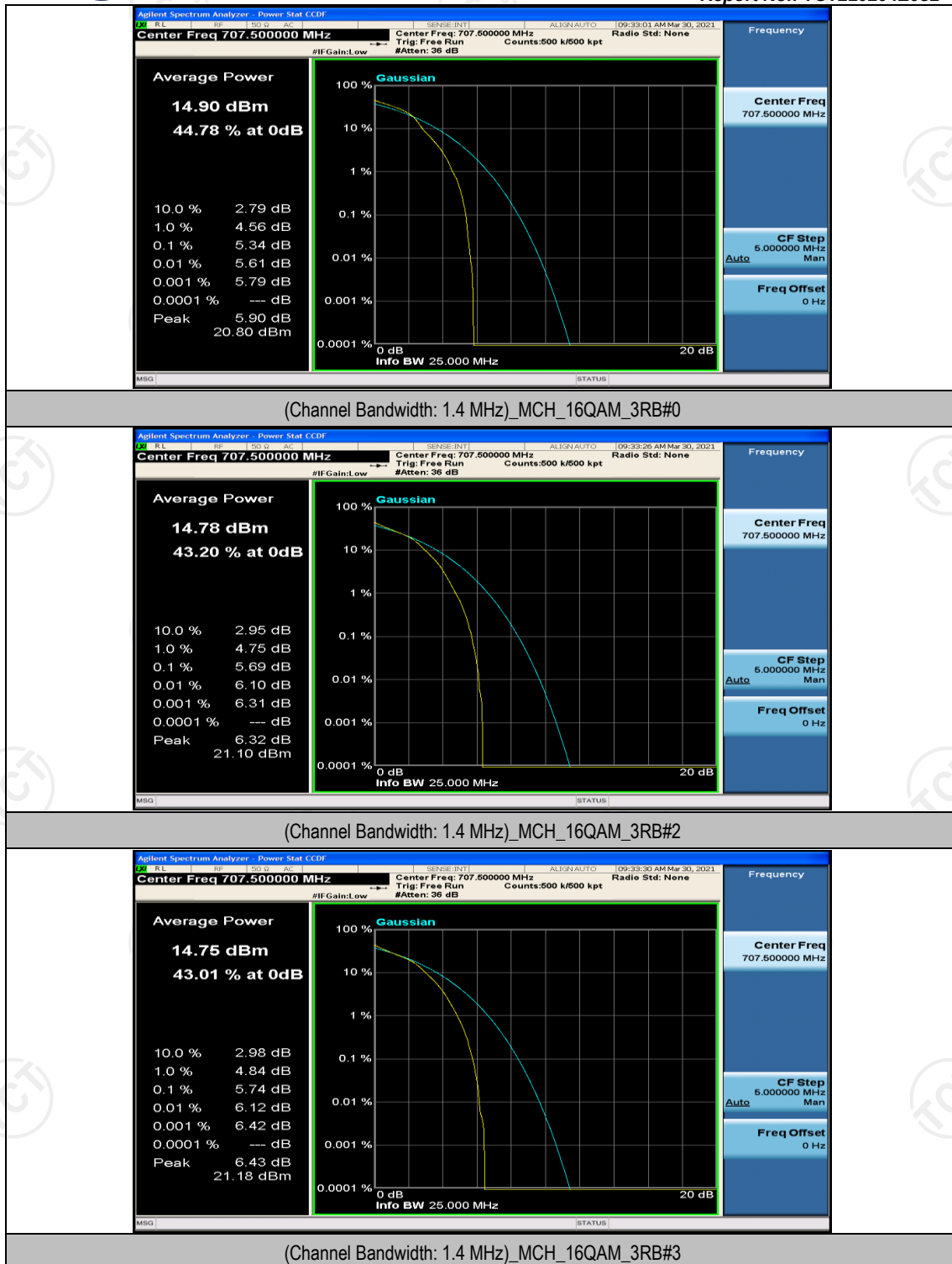
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5

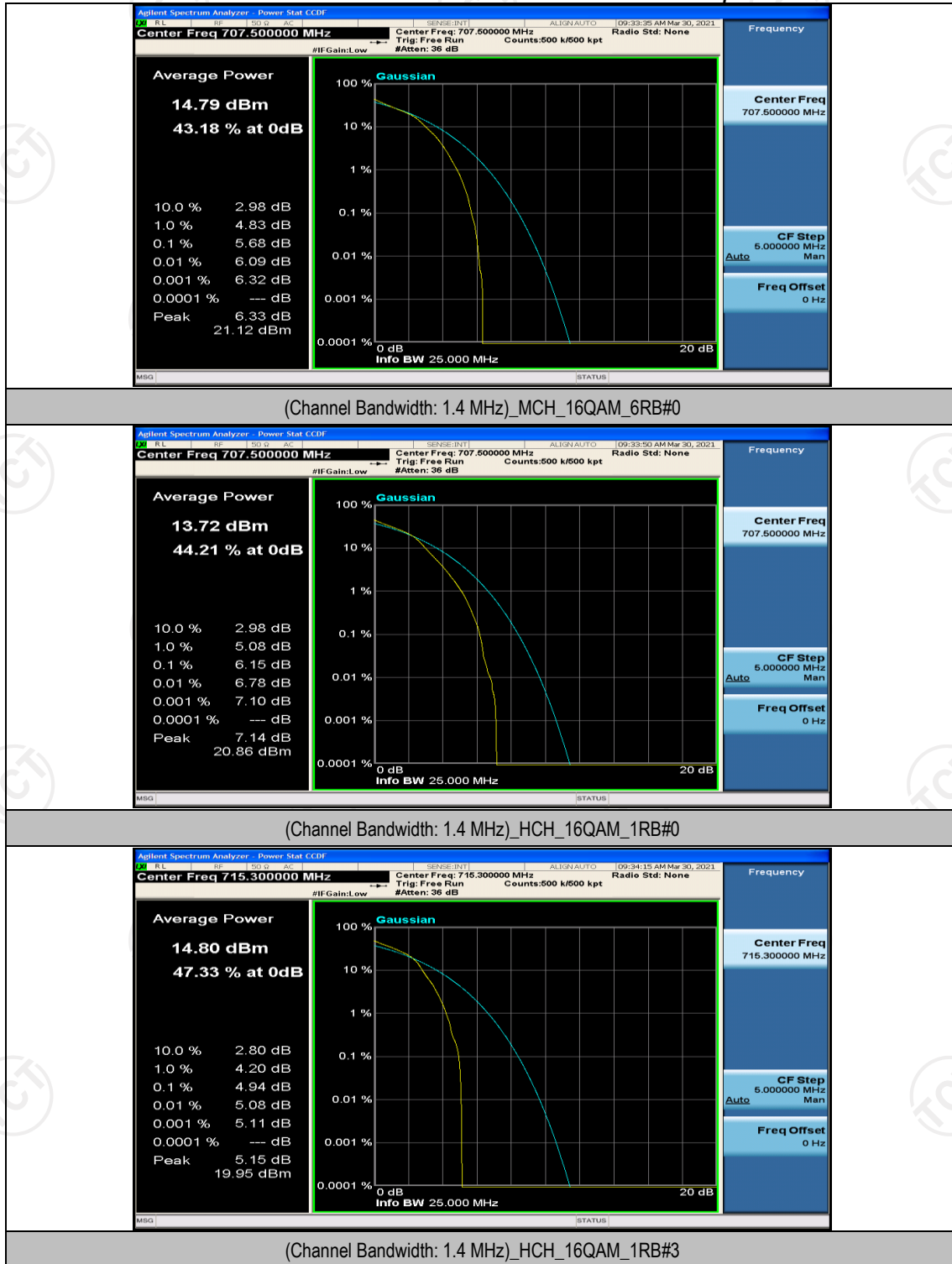


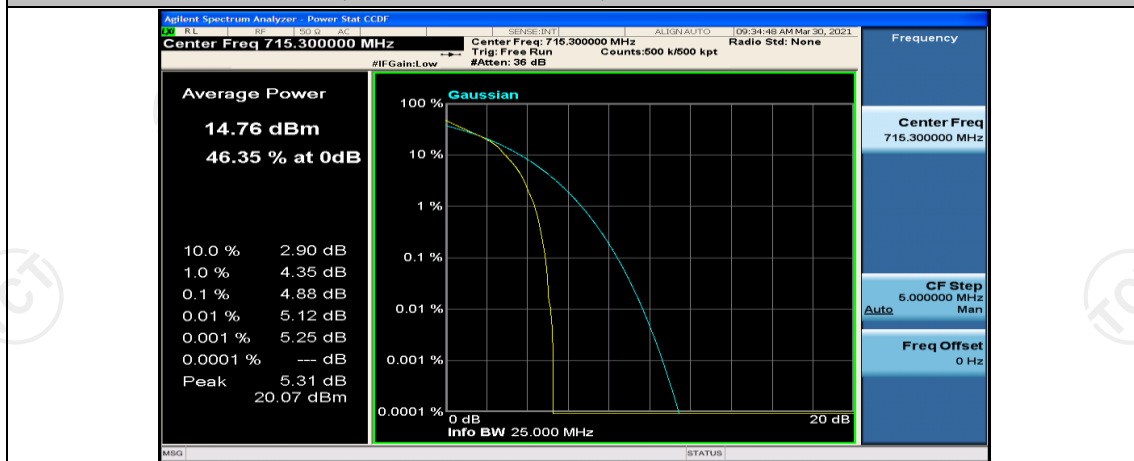
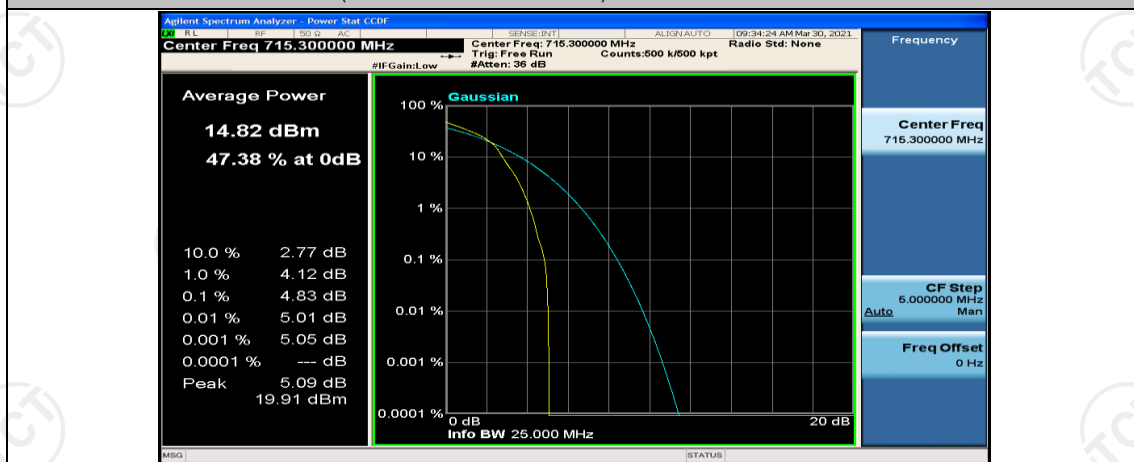
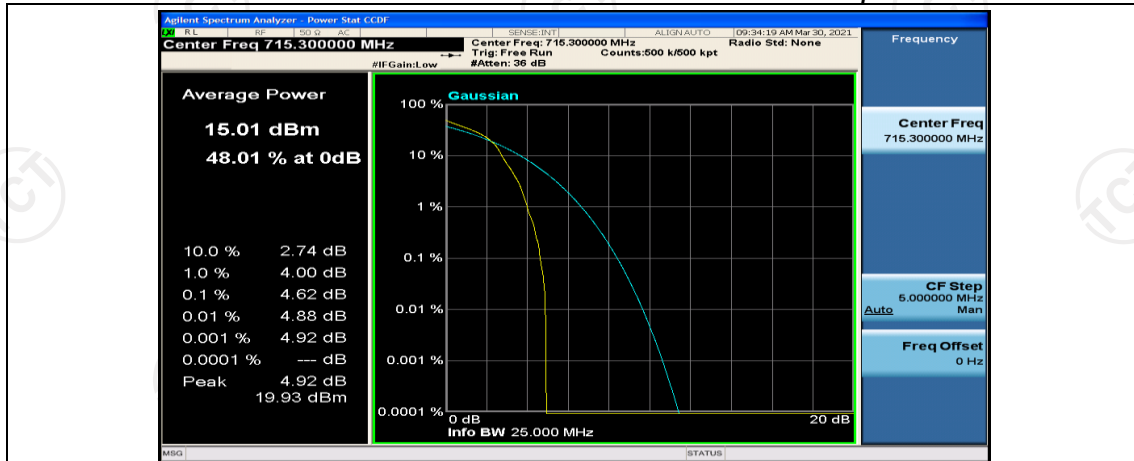
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0

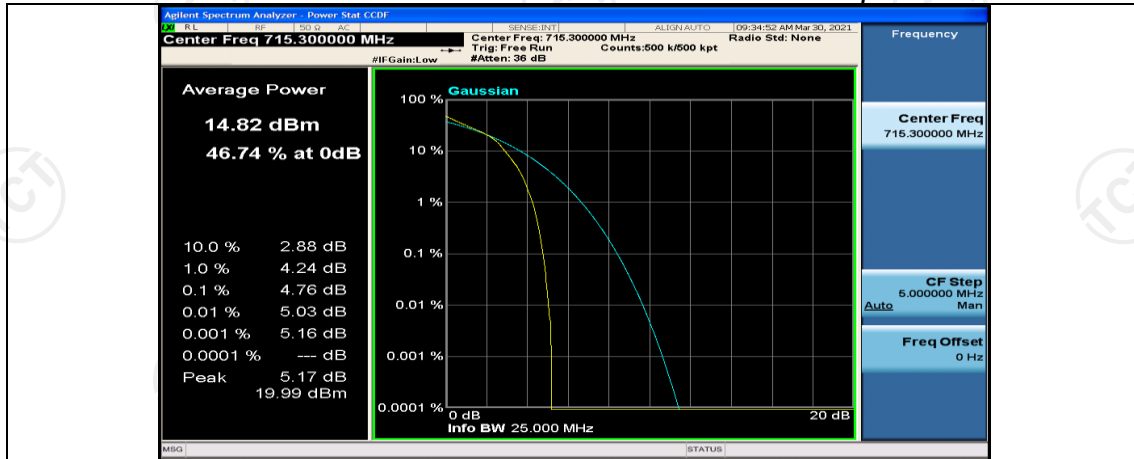




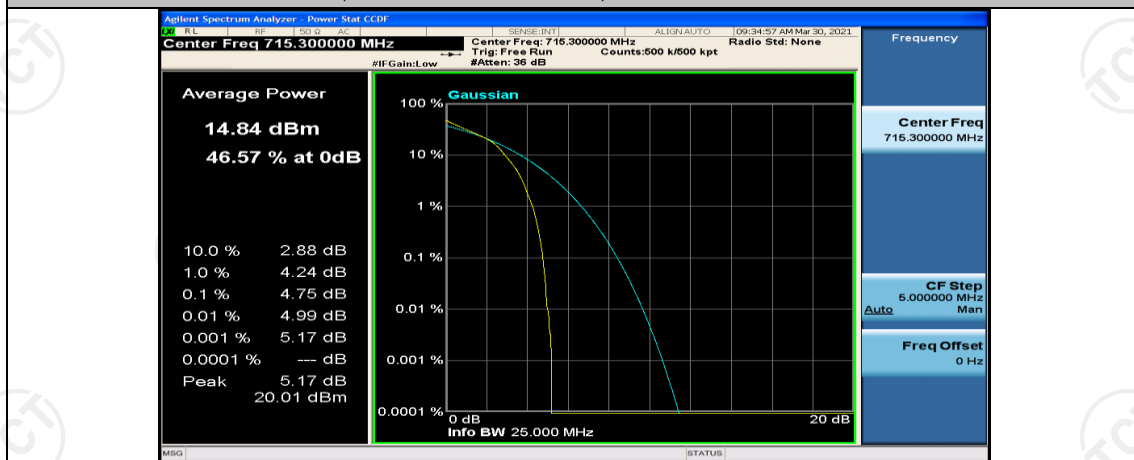




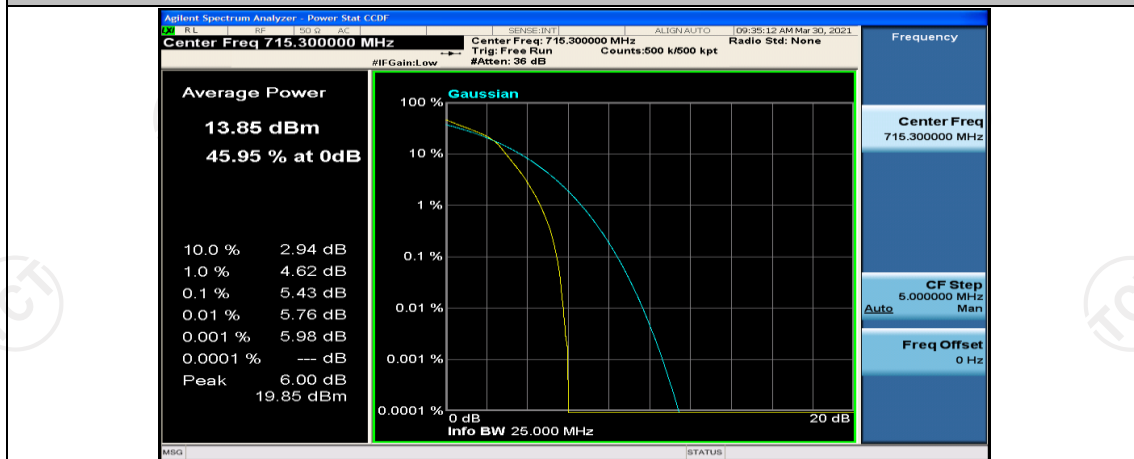




(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0



Channel Bandwidth: 3 MHz

(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0

