

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	22.36	22.26	PASS
		1	3	22.48	22.38	PASS
		1	5	22.34	22.24	PASS
		3	0	22.40	22.30	PASS
		3	2	22.37	22.27	PASS
		3	3	22.43	22.33	PASS
		6	0	21.52	21.42	PASS
	MCH	1	0	22.37	22.27	PASS
		1	3	22.46	22.36	PASS
		1	5	22.36	22.26	PASS
		3	0	22.43	22.33	PASS
		3	2	22.41	22.31	PASS
		3	3	22.47	22.37	PASS
		6	0	21.49	21.39	PASS
	HCH	1	0	22.35	22.25	PASS
		1	3	22.46	22.36	PASS
		1	5	22.36	22.26	PASS
		3	0	22.45	22.35	PASS
		3	2	22.45	22.35	PASS
		3	3	22.45	22.35	PASS
		6	0	21.53	21.43	PASS
16QAM	LCH	1	0	21.56	21.46	PASS
		1	3	21.79	21.69	PASS
		1	5	21.56	21.46	PASS
		3	0	21.41	21.31	PASS
		3	2	21.40	21.30	PASS
		3	3	21.46	21.36	PASS
		6	0	20.36	20.26	PASS
	MCH	1	0	21.35	21.25	PASS
		1	3	21.34	21.24	PASS
		1	5	21.35	21.25	PASS

		3	0	21.39	21.29	PASS
		3	2	21.39	21.29	PASS
		3	3	21.34	21.24	PASS
		6	0	20.50	20.40	PASS
	HCH	1	0	21.56	21.46	PASS
		1	3	21.71	21.61	PASS
		1	5	21.54	21.44	PASS
		3	0	21.42	21.32	PASS
		3	2	21.44	21.34	PASS
		3	3	21.41	21.31	PASS
		6	0	20.53	20.43	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	22.28	22.18	PASS	
		1	7	22.33	22.23	PASS	
		1	14	22.35	22.25	PASS	
		8	0	21.46	21.36	PASS	
		8	4	21.44	21.34	PASS	
		8	7	21.49	21.39	PASS	
		15	0	21.45	21.35	PASS	
	MCH	1	0	22.39	22.29	PASS	
		1	7	22.36	22.26	PASS	
		1	14	22.41	22.31	PASS	
		8	0	21.46	21.36	PASS	
		8	4	21.46	21.36	PASS	
		8	7	21.44	21.34	PASS	
		15	0	21.43	21.33	PASS	
	HCH	1	0	22.44	22.34	PASS	
		1	7	22.41	22.31	PASS	
		1	14	22.46	22.36	PASS	
		8	0	21.53	21.43	PASS	
		8	4	21.50	21.40	PASS	
		8	7	21.52	21.42	PASS	
		15	0	21.44	21.34	PASS	
	16QAM	LCH	1	0	21.66	21.56	PASS
			1	7	21.58	21.48	PASS

		1	14	21.61	21.51	PASS	
		8	0	20.47	20.37	PASS	
		8	4	20.49	20.39	PASS	
		8	7	20.46	20.36	PASS	
		15	0	20.46	20.36	PASS	
	MCH	1	0	21.67	21.57	PASS	
		1	7	21.57	21.47	PASS	
		1	14	21.57	21.47	PASS	
		8	0	20.46	20.36	PASS	
		8	4	20.44	20.34	PASS	
		8	7	20.45	20.35	PASS	
	HCH	15	0	20.35	20.25	PASS	
		1	0	21.41	21.31	PASS	
		1	7	21.38	21.28	PASS	
		1	14	21.44	21.34	PASS	
		8	0	20.47	20.37	PASS	
		8	4	20.50	20.40	PASS	
		8	7	20.49	20.39	PASS	
			15	0	20.39	20.29	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	22.36	22.26	PASS	
		1	12	22.49	22.39	PASS	
		1	24	22.36	22.26	PASS	
		12	0	21.40	21.30	PASS	
		12	6	21.41	21.31	PASS	
		12	13	21.47	21.37	PASS	
		25	0	21.51	21.41	PASS	
	MCH	1	0	22.37	22.27	PASS	
		1	12	22.45	22.35	PASS	
		1	24	22.37	22.27	PASS	
		12	0	21.44	21.34	PASS	
		12	6	21.43	21.33	PASS	
		12	13	21.48	21.38	PASS	
			25	0	21.52	21.42	PASS
	HCH	1	0	22.41	22.31	PASS	

		1	12	22.48	22.38	PASS
		1	24	22.39	22.29	PASS
		12	0	21.56	21.46	PASS
		12	6	21.55	21.45	PASS
		12	13	21.39	21.29	PASS
		25	0	21.57	21.47	PASS
16QAM	LCH	1	0	21.46	21.36	PASS
		1	12	21.51	21.41	PASS
		1	24	21.46	21.36	PASS
		12	0	20.42	20.32	PASS
		12	6	20.42	20.32	PASS
		12	13	20.45	20.35	PASS
		25	0	20.50	20.40	PASS
	MCH	1	0	21.61	21.51	PASS
		1	12	21.73	21.63	PASS
		1	24	21.62	21.52	PASS
		12	0	20.48	20.38	PASS
		12	6	20.47	20.37	PASS
		12	13	20.56	20.46	PASS
		25	0	20.47	20.37	PASS
	HCH	1	0	21.45	21.35	PASS
		1	12	21.57	21.47	PASS
		1	24	21.47	21.37	PASS
		12	0	20.57	20.47	PASS
		12	6	20.65	20.55	PASS
		12	13	20.45	20.35	PASS
		25	0	20.55	20.45	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	22.33	22.23	PASS
		1	24	22.40	22.30	PASS
		1	49	22.35	22.25	PASS
		25	0	21.51	21.41	PASS
		25	12	21.52	21.42	PASS
		25	25	21.57	21.47	PASS
		50	0	21.53	21.43	PASS

	MCH	1	0	22.37	22.27	PASS
		1	24	22.41	22.31	PASS
		1	49	22.44	22.34	PASS
		25	0	21.51	21.41	PASS
		25	12	21.53	21.43	PASS
		25	25	21.49	21.39	PASS
		50	0	21.49	21.39	PASS
	HCH	1	0	22.45	22.35	PASS
		1	24	22.51	22.41	PASS
		1	49	22.43	22.33	PASS
		25	0	21.54	21.44	PASS
		25	12	21.49	21.39	PASS
		25	25	21.42	21.32	PASS
		50	0	21.50	21.40	PASS
16QAM	LCH	1	0	21.63	21.53	PASS
		1	24	21.71	21.61	PASS
		1	49	21.61	21.51	PASS
		25	0	20.50	20.40	PASS
		25	12	20.51	20.41	PASS
		25	25	20.53	20.43	PASS
		50	0	20.49	20.39	PASS
	MCH	1	0	21.62	21.52	PASS
		1	24	21.74	21.64	PASS
		1	49	21.66	21.56	PASS
		25	0	20.51	20.41	PASS
		25	12	20.49	20.39	PASS
		25	25	20.50	20.40	PASS
		50	0	20.49	20.39	PASS
	HCH	1	0	21.40	21.30	PASS
		1	24	21.44	21.34	PASS
		1	49	21.39	21.29	PASS
		25	0	20.55	20.45	PASS
		25	12	20.55	20.45	PASS
		25	25	20.43	20.33	PASS
		50	0	20.45	20.35	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	5.04	<13	PASS
		1	3	4.72	<13	PASS
		1	5	4.95	<13	PASS
		3	0	4.90	<13	PASS
		3	2	4.87	<13	PASS
		3	3	4.93	<13	PASS
		6	0	5.19	<13	PASS
	MCH	1	0	4.62	<13	PASS
		1	3	4.60	<13	PASS
		1	5	4.59	<13	PASS
		3	0	4.86	<13	PASS
		3	2	4.82	<13	PASS
		3	3	4.94	<13	PASS
		6	0	5.23	<13	PASS
	HCH	1	0	4.64	<13	PASS
		1	3	4.50	<13	PASS
		1	5	4.47	<13	PASS
		3	0	4.71	<13	PASS
		3	2	4.77	<13	PASS
		3	3	4.64	<13	PASS
		6	0	4.99	<13	PASS
16QAM	LCH	1	0	5.71	<13	PASS
		1	3	5.61	<13	PASS
		1	5	5.73	<13	PASS
		3	0	5.58	<13	PASS
		3	2	5.56	<13	PASS
		3	3	5.48	<13	PASS
		6	0	6.03	<13	PASS
	MCH	1	0	5.39	<13	PASS
		1	3	5.31	<13	PASS

		1	5	5.41	<13	PASS
		3	0	5.53	<13	PASS
		3	2	5.53	<13	PASS
		3	3	5.57	<13	PASS
		6	0	6.02	<13	PASS
	HCH	1	0	5.59	<13	PASS
		1	3	5.55	<13	PASS
		1	5	5.47	<13	PASS
		3	0	5.49	<13	PASS
		3	2	5.42	<13	PASS
		3	3	5.49	<13	PASS
		6	0	5.87	<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	4.61	<13	PASS
		1	7	4.57	<13	PASS
		1	14	4.53	<13	PASS
		8	0	5.29	<13	PASS
		8	4	5.27	<13	PASS
		8	7	5.21	<13	PASS
		15	0	5.21	<13	PASS
	MCH	1	0	4.44	<13	PASS
		1	7	4.65	<13	PASS
		1	14	4.52	<13	PASS
		8	0	5.30	<13	PASS
		8	4	5.32	<13	PASS
		8	7	5.26	<13	PASS
		15	0	5.19	<13	PASS
	HCH	1	0	4.52	<13	PASS
		1	7	4.57	<13	PASS
		1	14	4.24	<13	PASS
		8	0	5.33	<13	PASS
		8	4	5.30	<13	PASS
		8	7	5.23	<13	PASS
		15	0	5.14	<13	PASS
16QAM	LCH	1	0	5.45	<13	PASS

		1	7	5.47	<13	PASS
		1	14	5.27	<13	PASS
		8	0	6.03	<13	PASS
		8	4	6.09	<13	PASS
		8	7	6.08	<13	PASS
		15	0	6.08	<13	PASS
	MCH	1	0	5.21	<13	PASS
		1	7	5.40	<13	PASS
		1	14	5.30	<13	PASS
		8	0	6.06	<13	PASS
		8	4	6.04	<13	PASS
		8	7	6.05	<13	PASS
		15	0	6.09	<13	PASS
	HCH	1	0	5.34	<13	PASS
		1	7	5.47	<13	PASS
		1	14	5.16	<13	PASS
		8	0	6.11	<13	PASS
		8	4	6.09	<13	PASS
		8	7	6.08	<13	PASS
		15	0	6.03	<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	5.00	<13	PASS
		1	12	4.74	<13	PASS
		1	24	4.88	<13	PASS
		12	0	5.23	<13	PASS
		12	6	5.25	<13	PASS
		12	13	5.21	<13	PASS
		25	0	5.32	<13	PASS
	MCH	1	0	4.72	<13	PASS
		1	12	4.70	<13	PASS
		1	24	4.67	<13	PASS
		12	0	5.41	<13	PASS
		12	6	5.36	<13	PASS
		12	13	5.28	<13	PASS
		25	0	5.27	<13	PASS

	HCH	1	0	4.61	<13	PASS
		1	12	4.58	<13	PASS
		1	24	4.20	<13	PASS
		12	0	5.29	<13	PASS
		12	6	5.28	<13	PASS
		12	13	5.29	<13	PASS
		25	0	5.31	<13	PASS
16QAM	LCH	1	0	5.35	<13	PASS
		1	12	5.33	<13	PASS
		1	24	5.32	<13	PASS
		12	0	6.12	<13	PASS
		12	6	6.09	<13	PASS
		12	13	6.01	<13	PASS
		25	0	6.05	<13	PASS
	MCH	1	0	5.30	<13	PASS
		1	12	5.27	<13	PASS
		1	24	5.34	<13	PASS
		12	0	5.99	<13	PASS
		12	6	6.00	<13	PASS
		12	13	6.16	<13	PASS
		25	0	5.99	<13	PASS
	HCH	1	0	5.04	<13	PASS
		1	12	5.18	<13	PASS
		1	24	4.99	<13	PASS
		12	0	6.06	<13	PASS
		12	6	6.05	<13	PASS
		12	13	6.10	<13	PASS
		25	0	6.05	<13	PASS

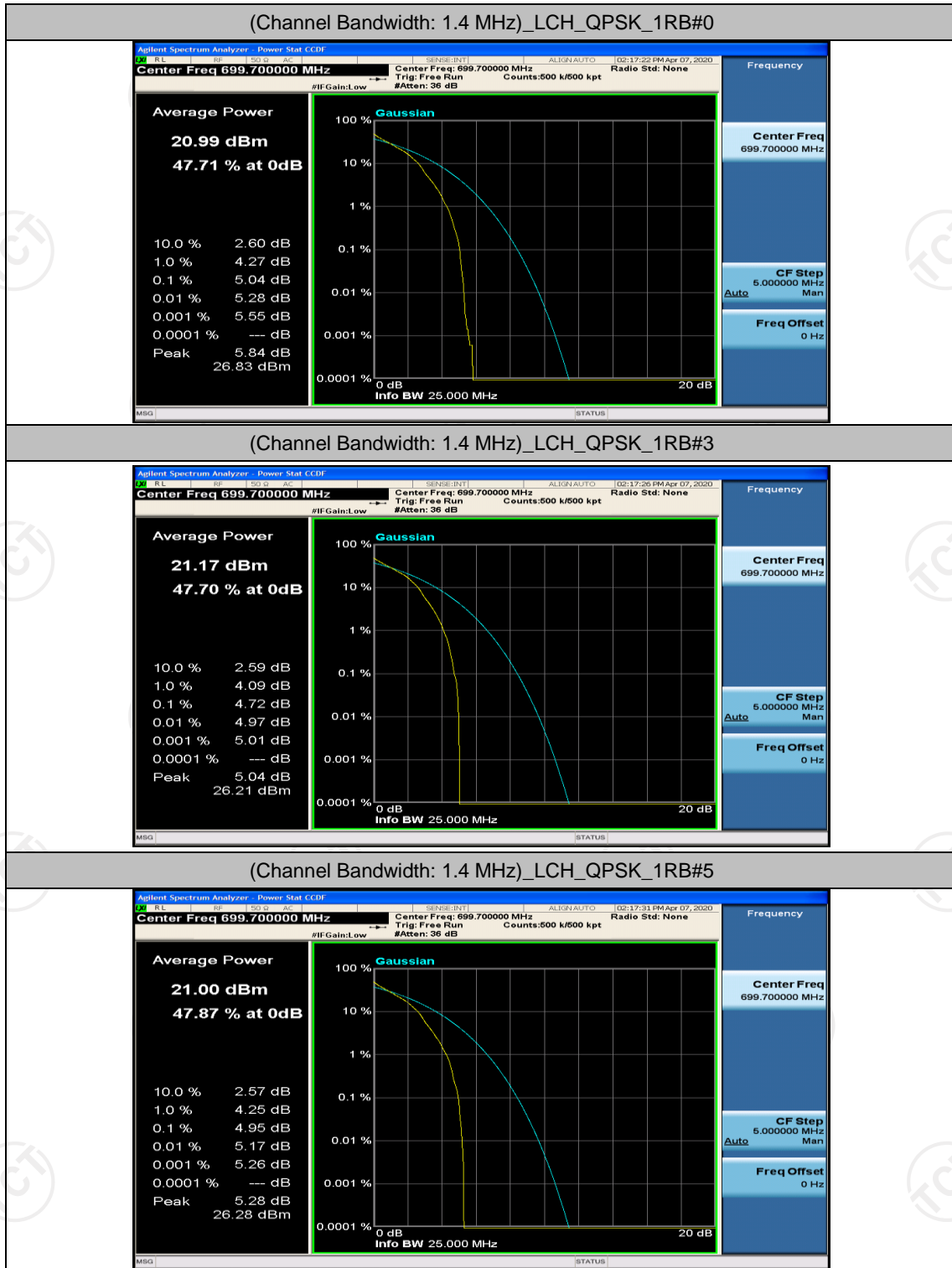
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.56	<13	PASS
		1	24	4.57	<13	PASS
		1	49	8.36	<13	PASS
		25	0	5.29	<13	PASS
		25	12	5.30	<13	PASS
		25	25	5.30	<13	PASS

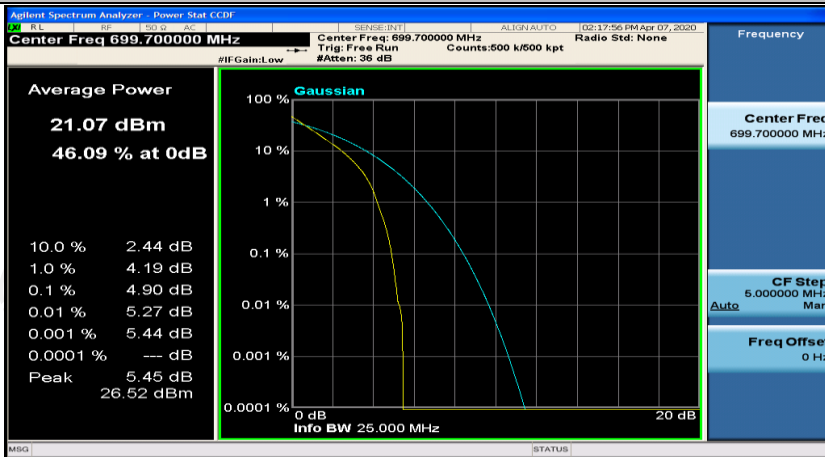
	MCH	50	0	5.29	<13	PASS	
		1	0	4.76	<13	PASS	
		1	24	4.63	<13	PASS	
		1	49	4.78	<13	PASS	
		25	0	5.17	<13	PASS	
		25	12	5.18	<13	PASS	
		25	25	5.15	<13	PASS	
		50	0	5.27	<13	PASS	
	HCH	1	0	4.73	<13	PASS	
		1	24	4.74	<13	PASS	
		1	49	4.67	<13	PASS	
		25	0	5.21	<13	PASS	
		25	12	5.31	<13	PASS	
		25	25	5.34	<13	PASS	
16QAM	LCH	50	0	5.28	<13	PASS	
		1	0	5.36	<13	PASS	
		1	24	5.31	<13	PASS	
		1	49	5.40	<13	PASS	
		25	0	6.16	<13	PASS	
		25	12	6.12	<13	PASS	
		25	25	6.11	<13	PASS	
	MCH	50	0	6.11	<13	PASS	
		1	0	5.53	<13	PASS	
		1	24	5.68	<13	PASS	
		1	49	5.59	<13	PASS	
		25	0	6.06	<13	PASS	
		25	12	5.99	<13	PASS	
		25	25	6.07	<13	PASS	
	HCH	50	0	6.05	<13	PASS	
		1	0	5.72	<13	PASS	
		1	24	5.43	<13	PASS	
		1	49	5.46	<13	PASS	
		25	0	6.13	<13	PASS	
		25	12	6.11	<13	PASS	
		25	25	6.17	<13	PASS	
			50	0	6.03	<13	PASS

Test Graphs

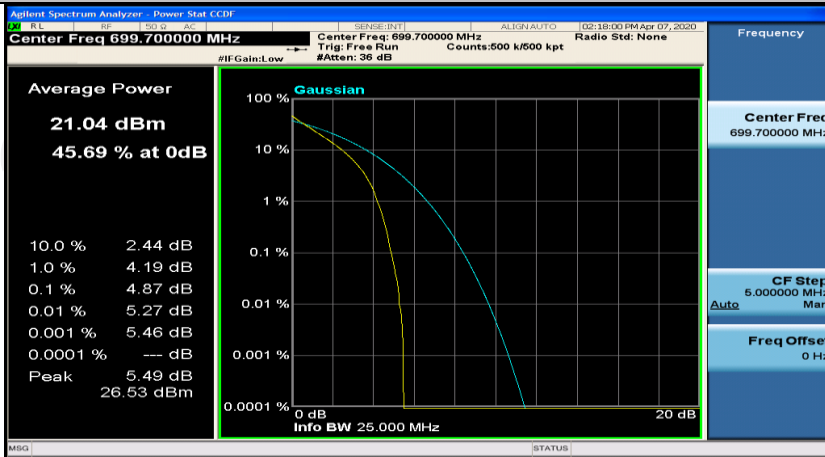
Channel Bandwidth: 1.4 MHz



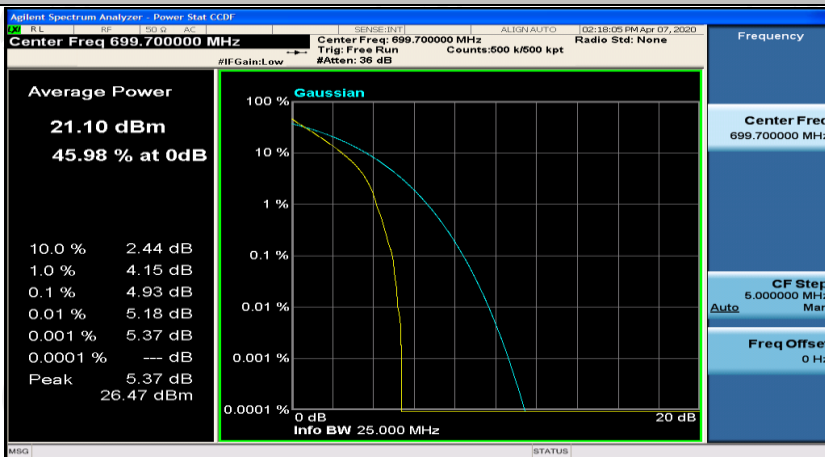
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0



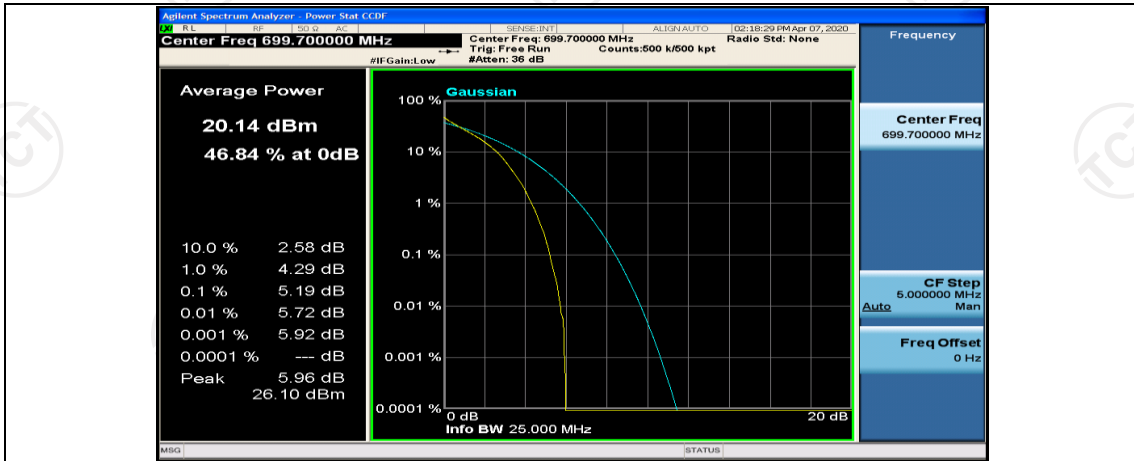
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



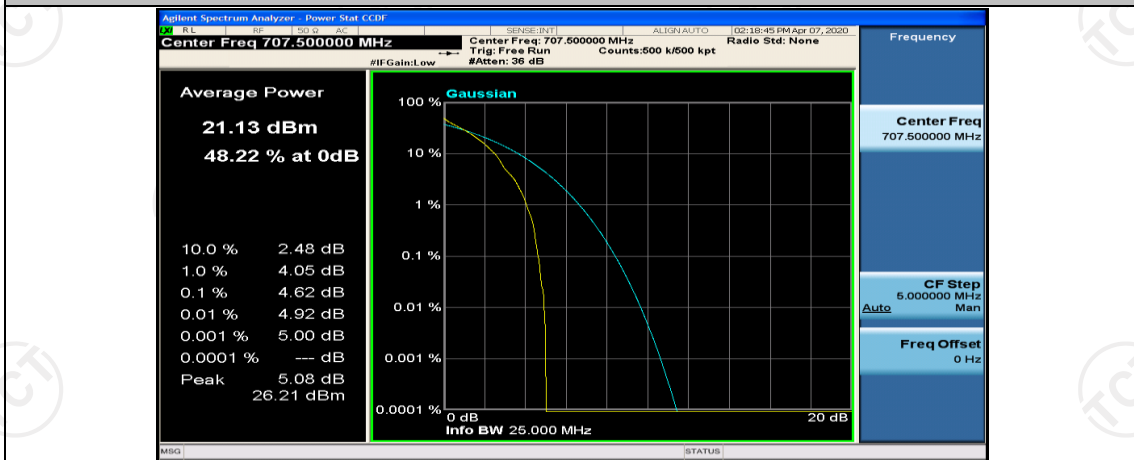
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



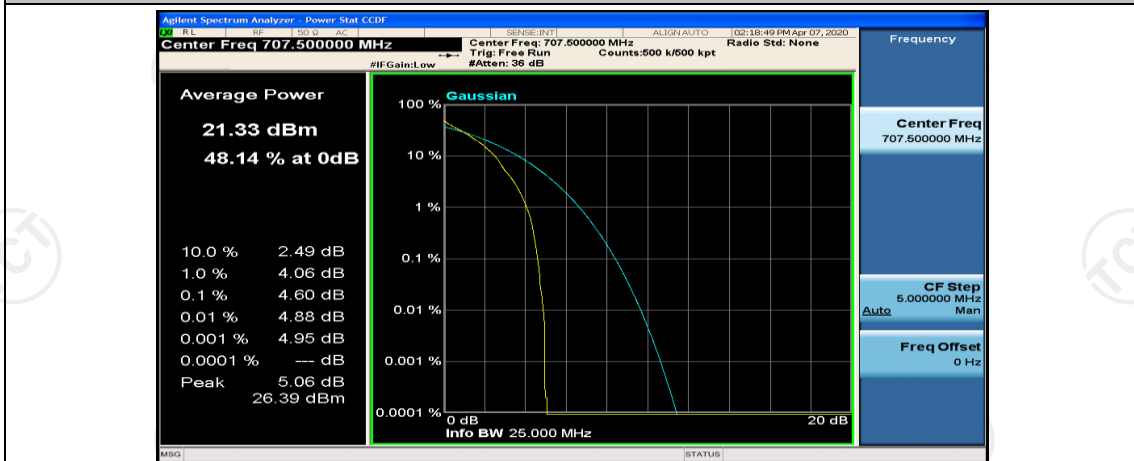
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



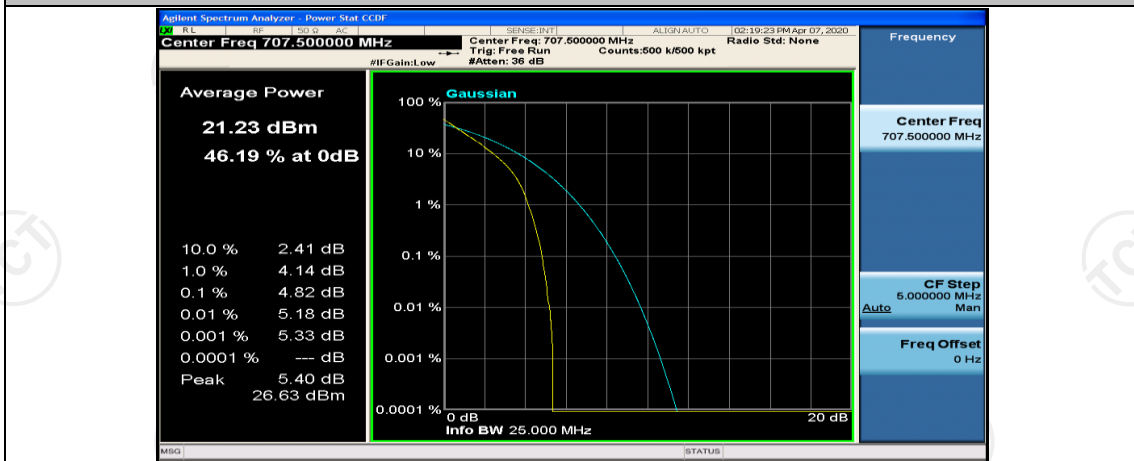
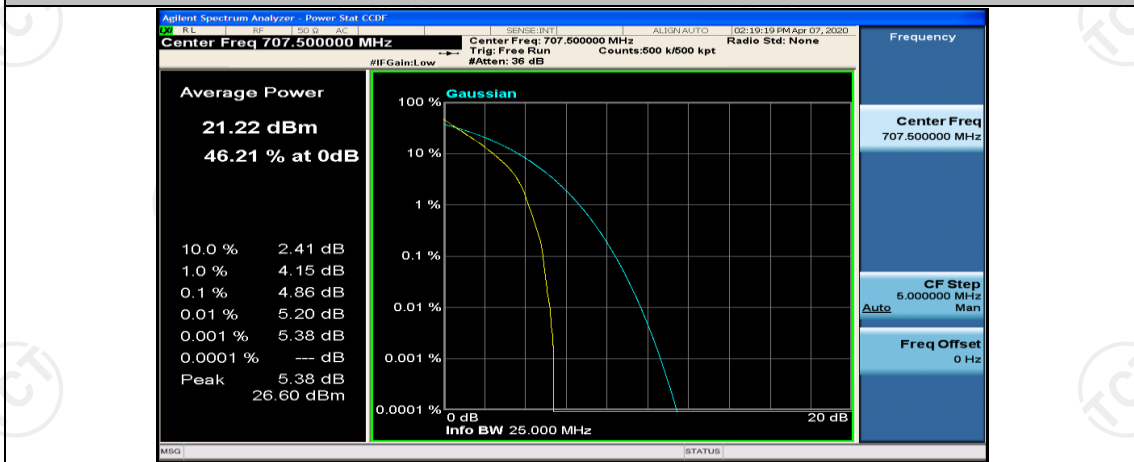
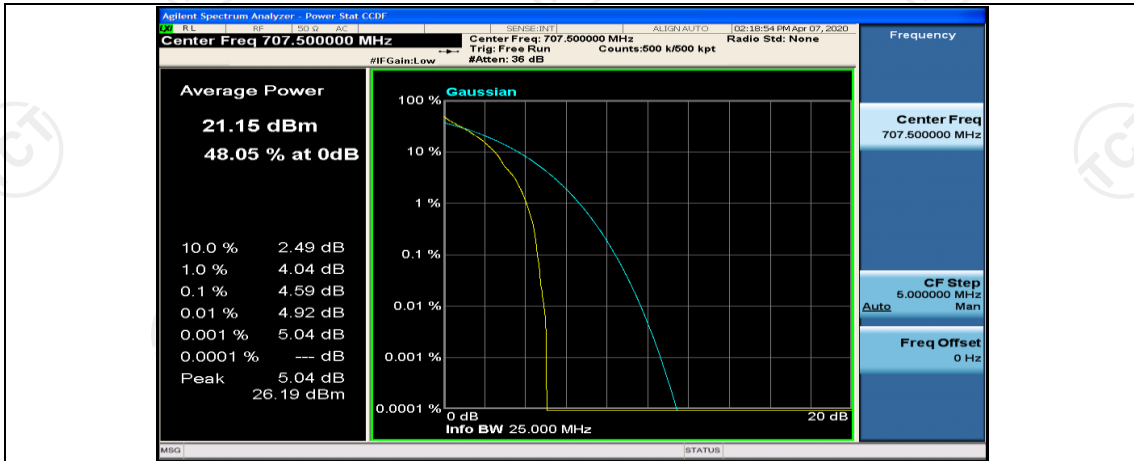
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

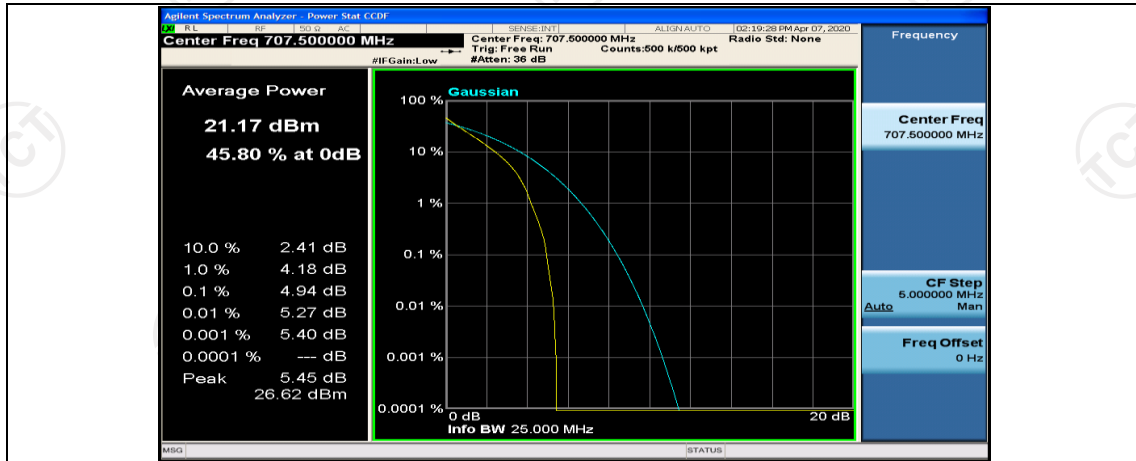


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

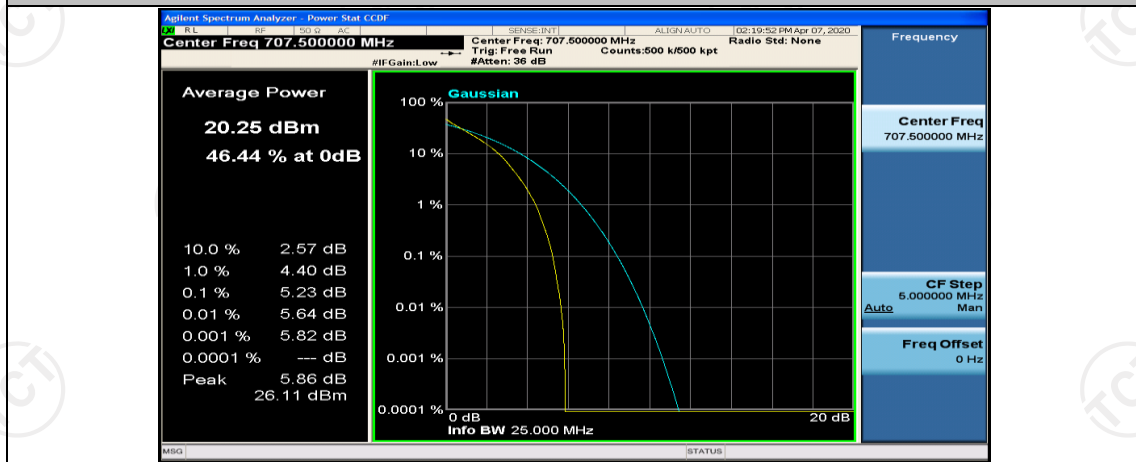


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

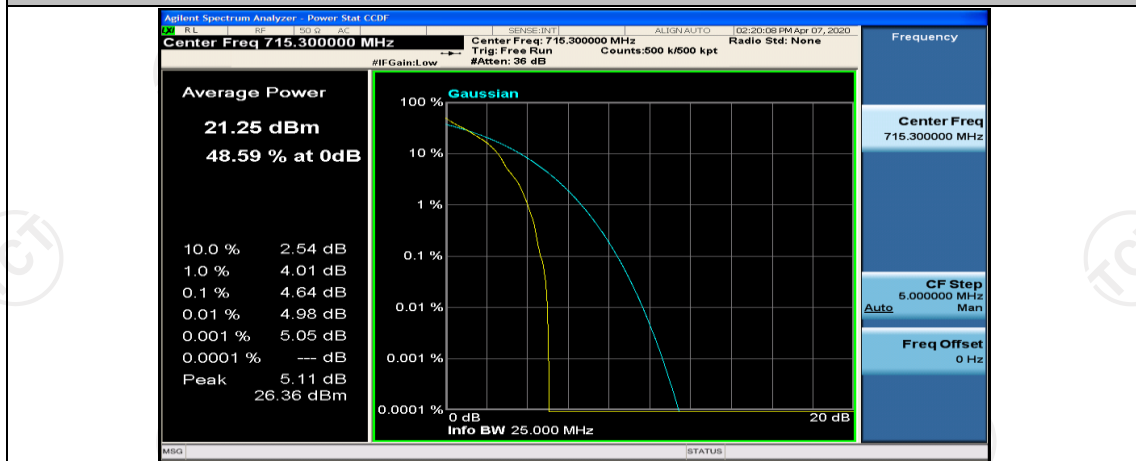




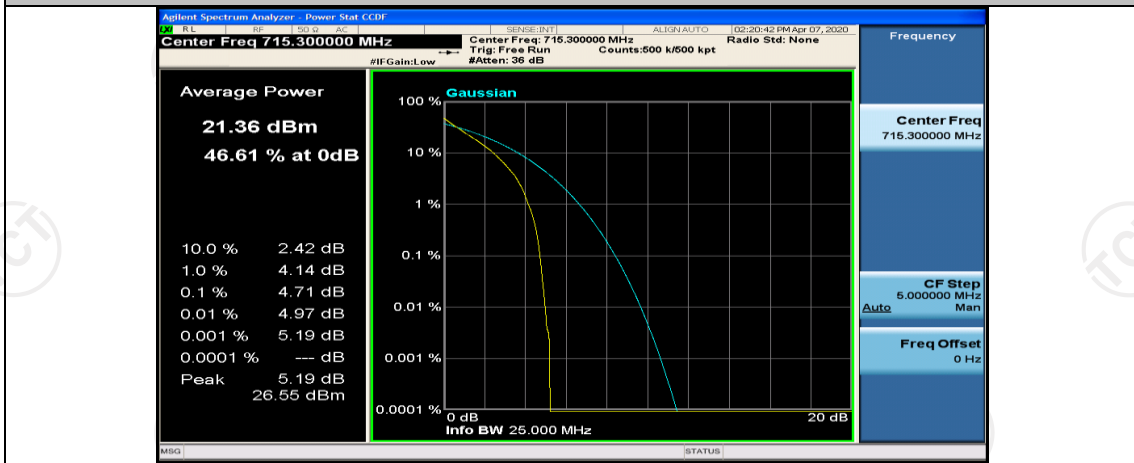
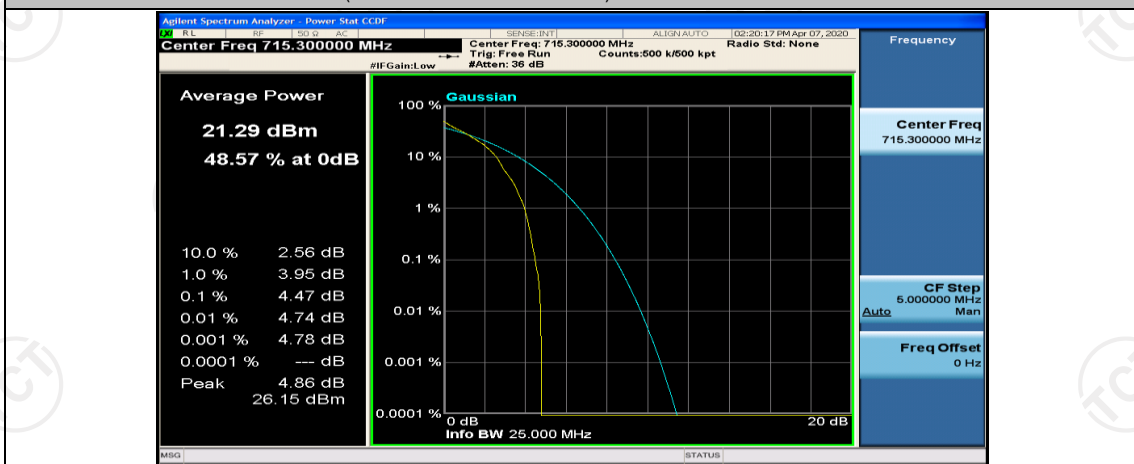
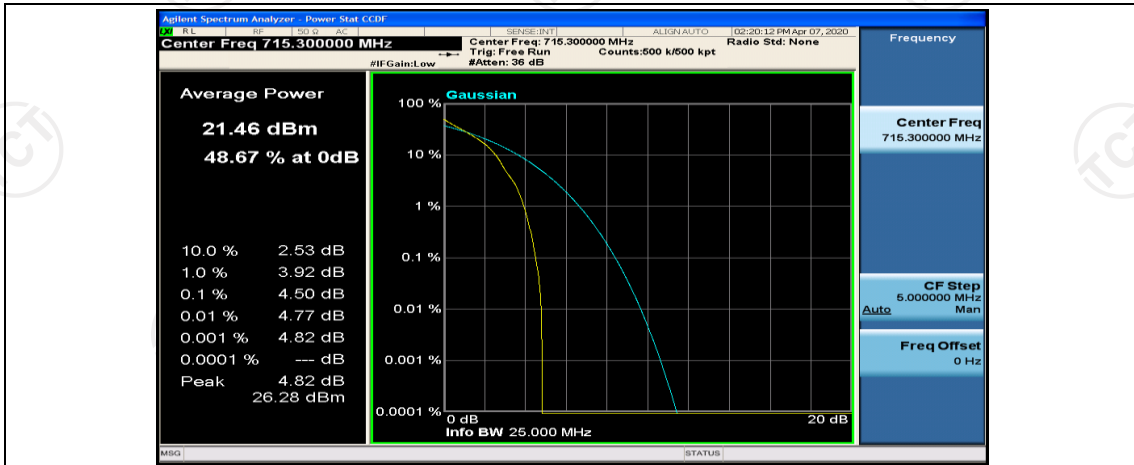
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0

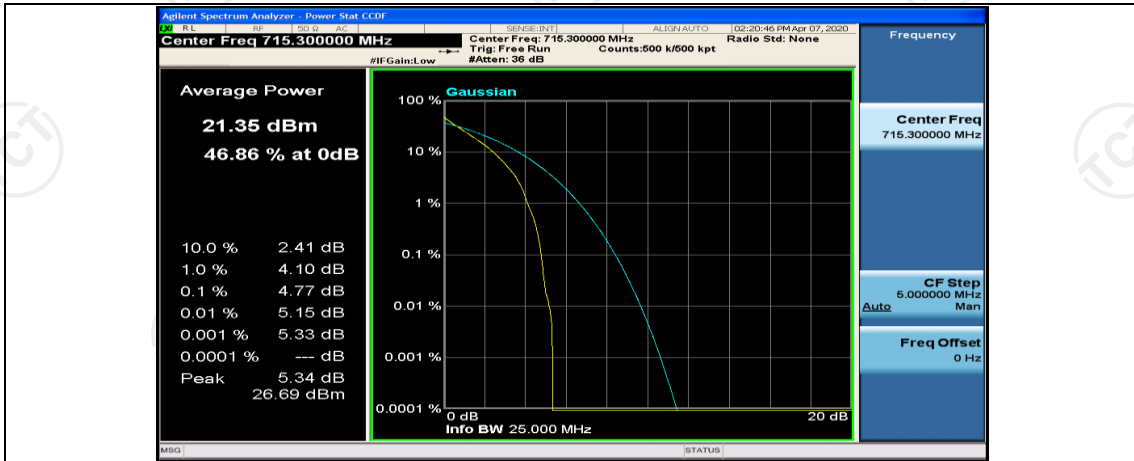


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

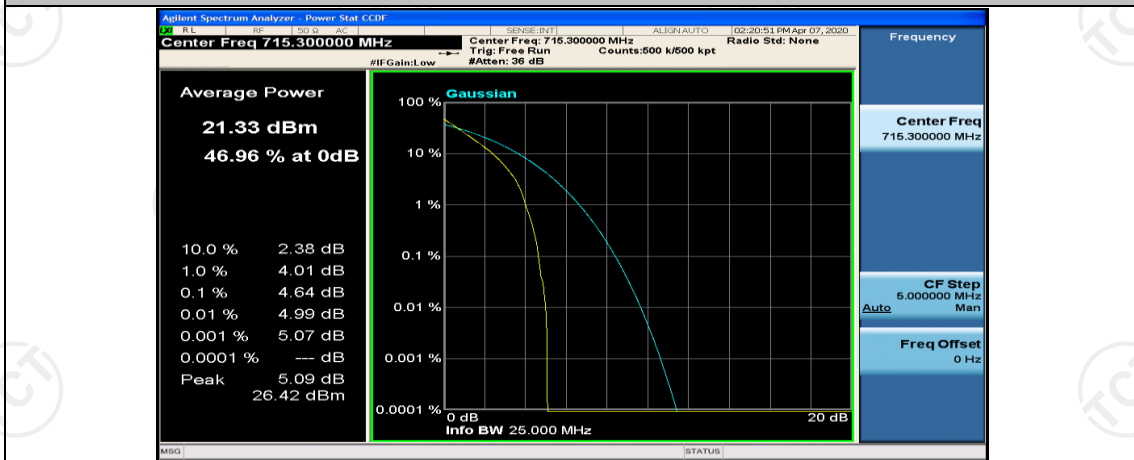


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3

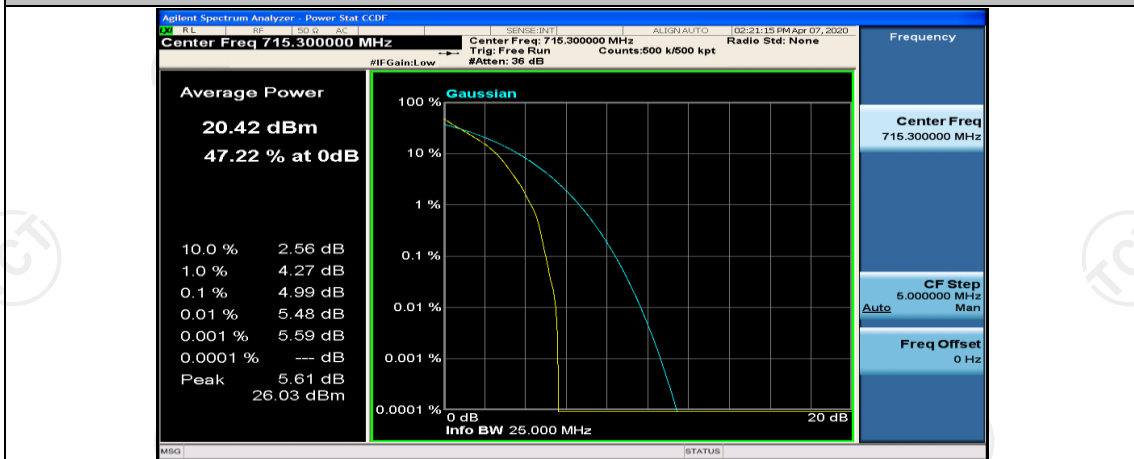




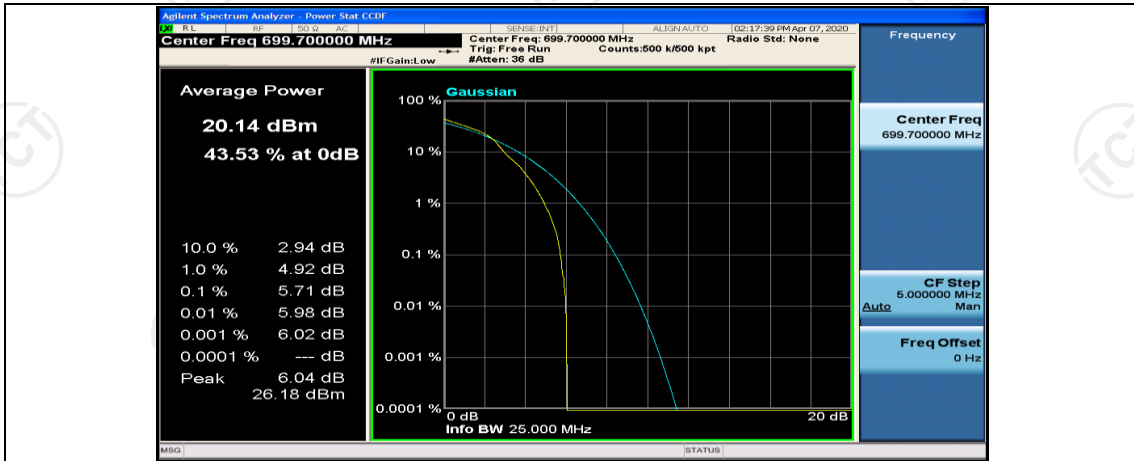
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



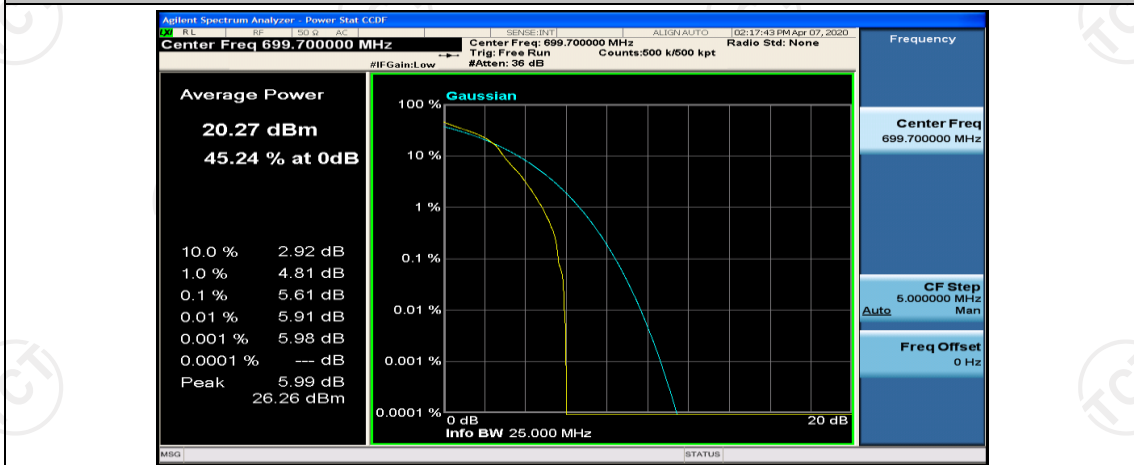
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



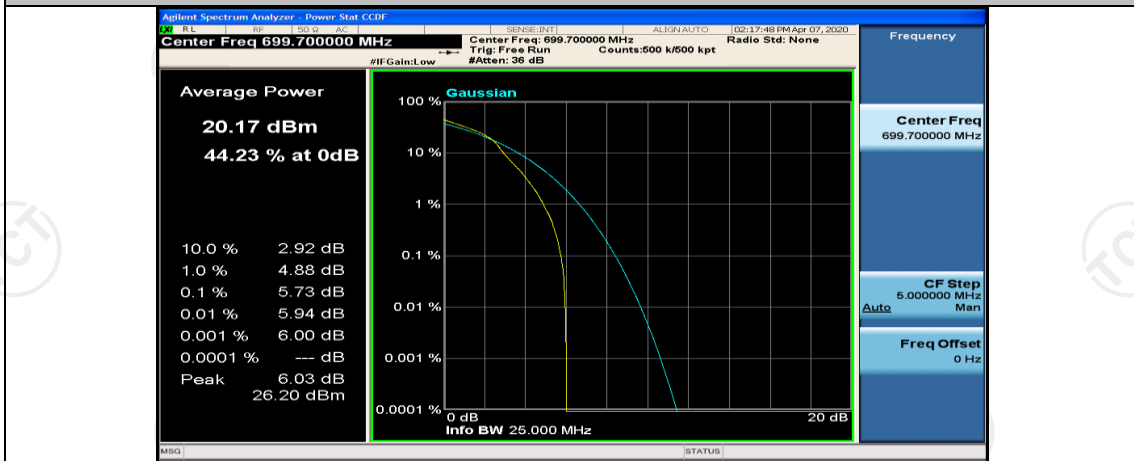
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



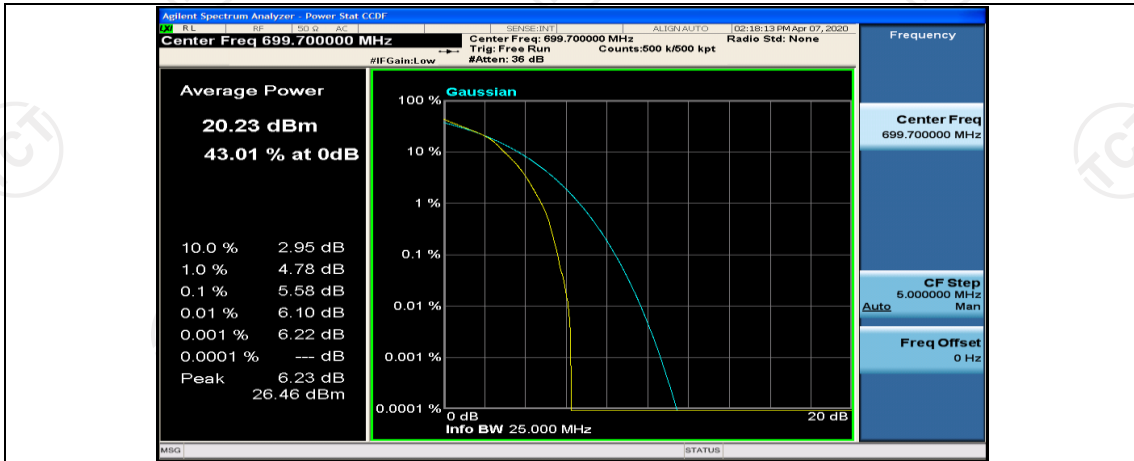
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



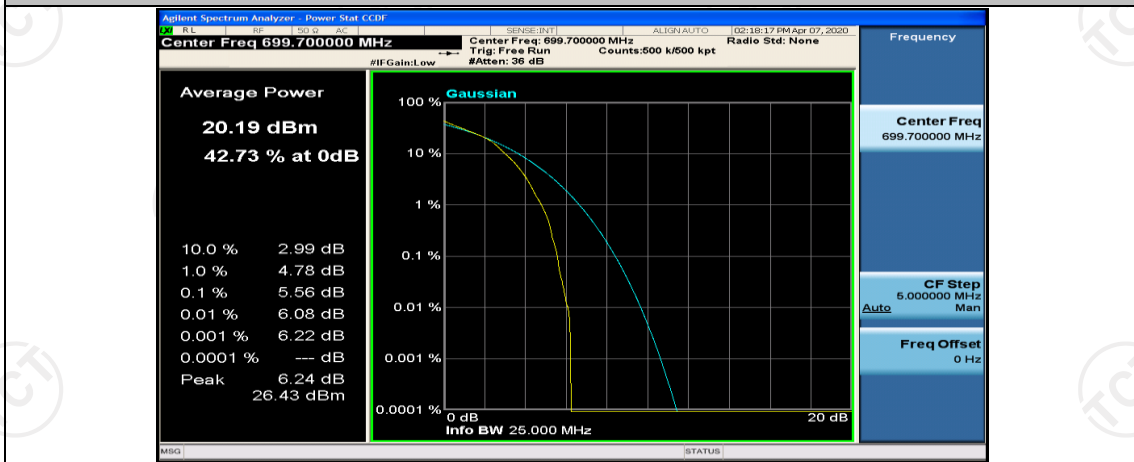
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



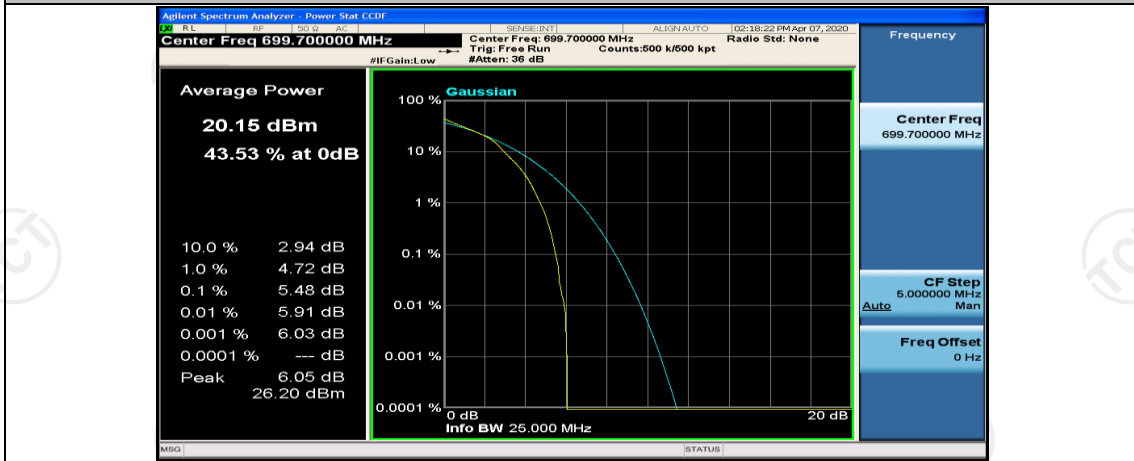
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



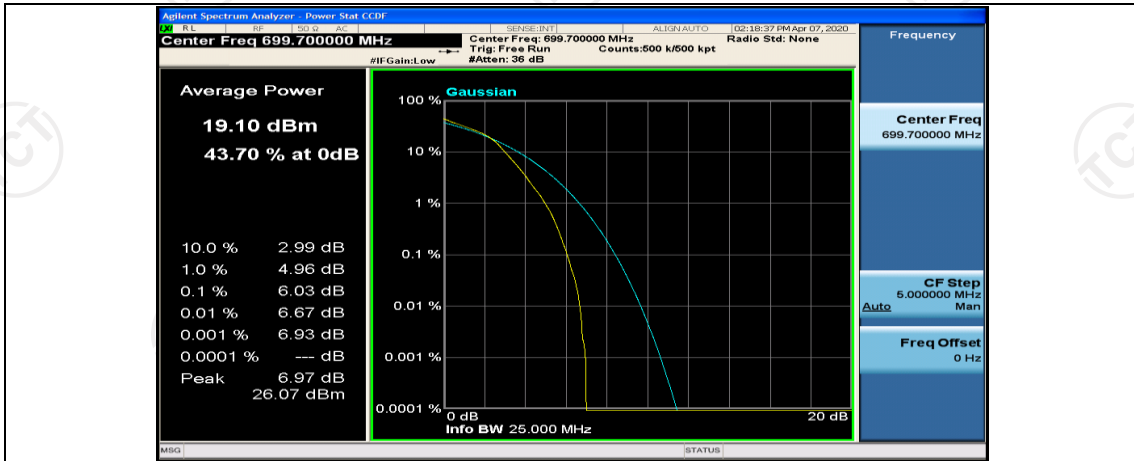
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



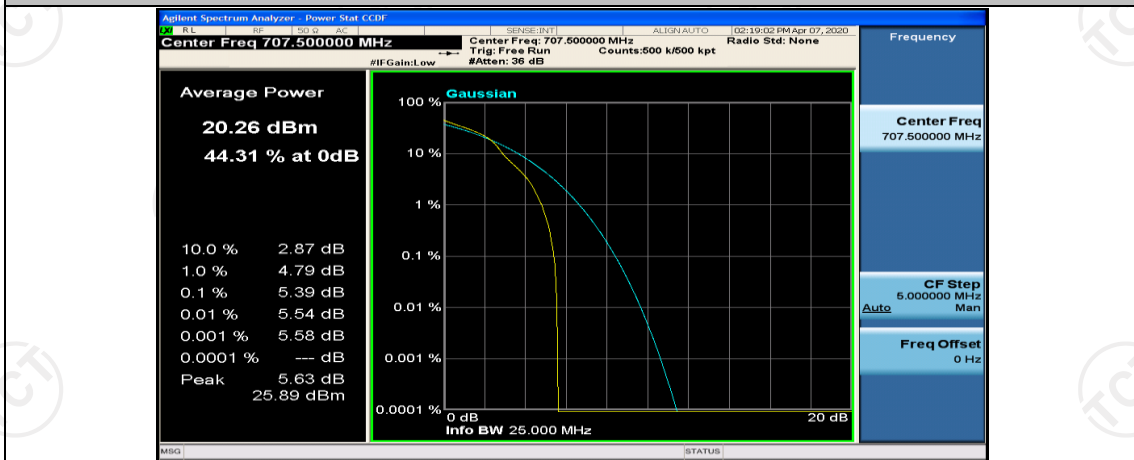
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



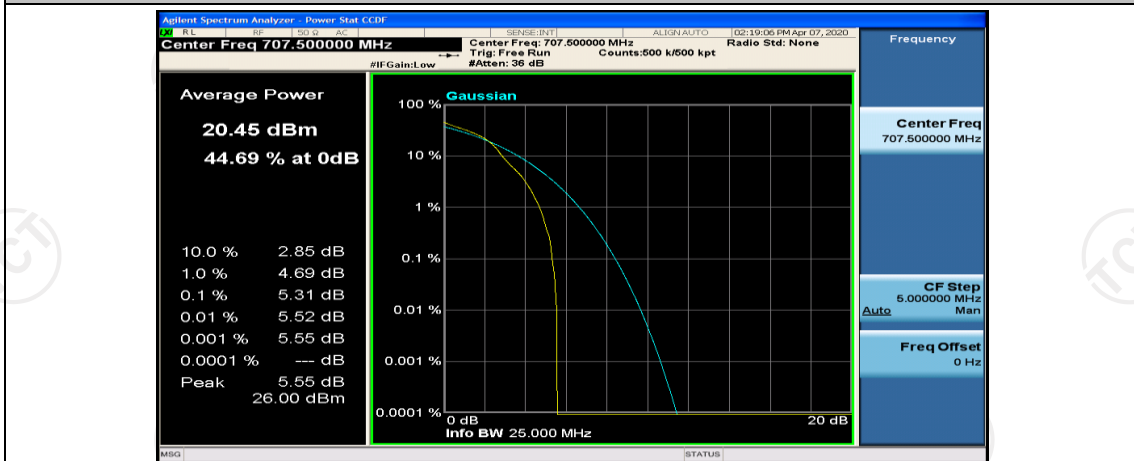
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



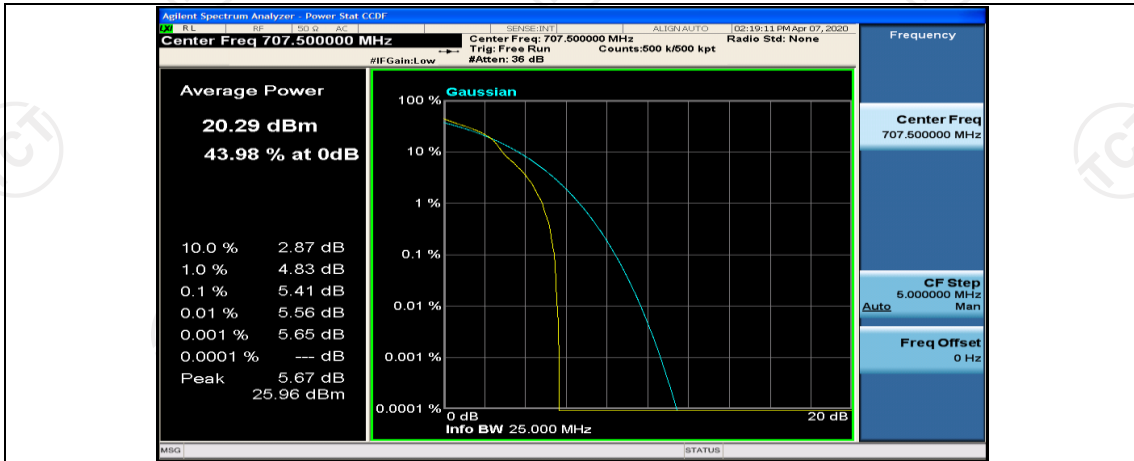
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



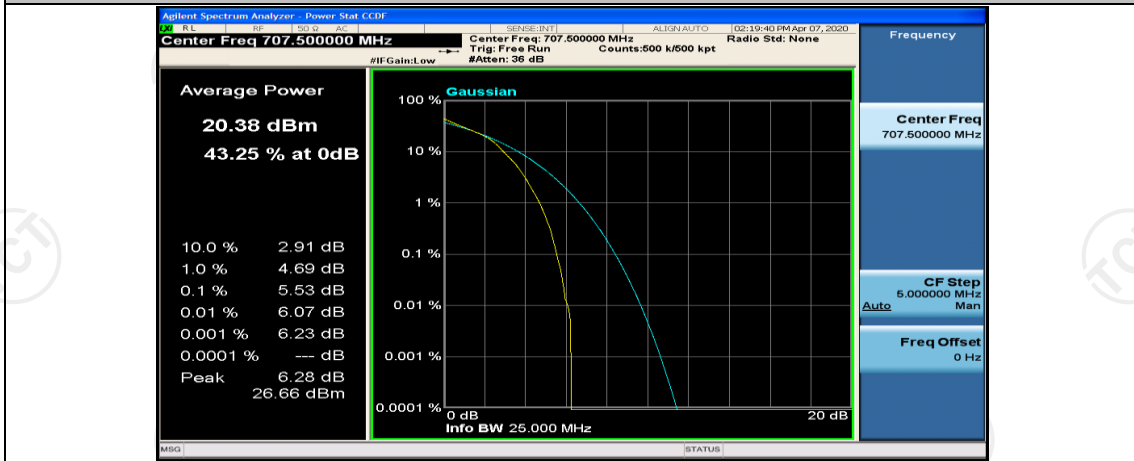
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



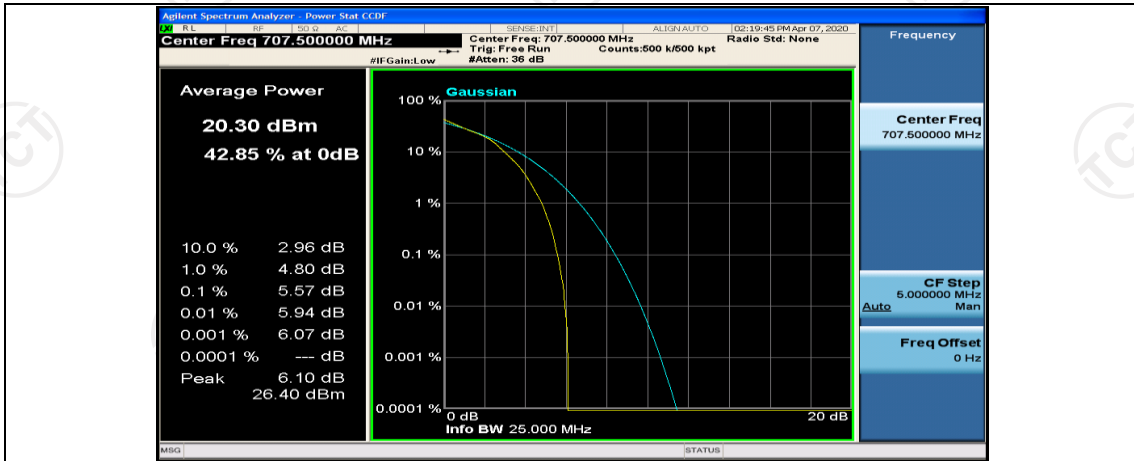
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



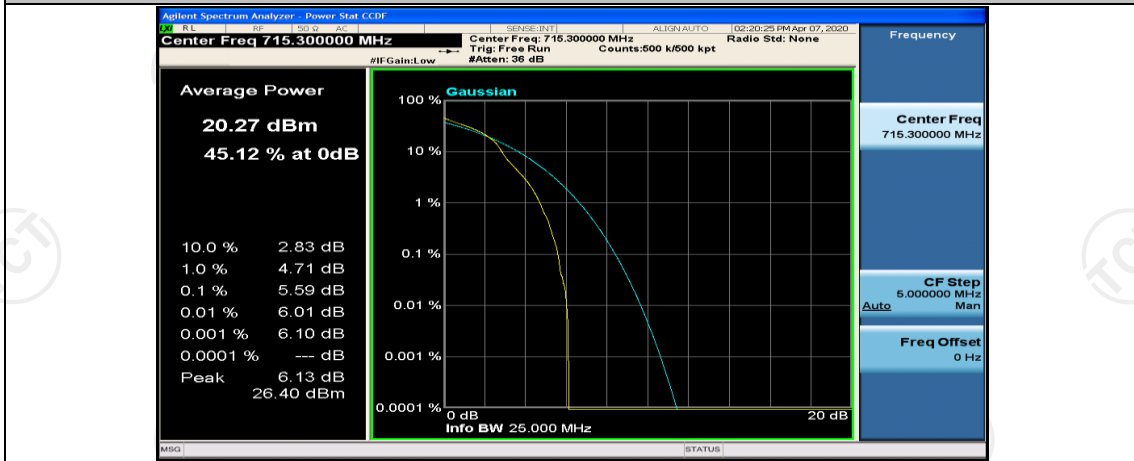
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



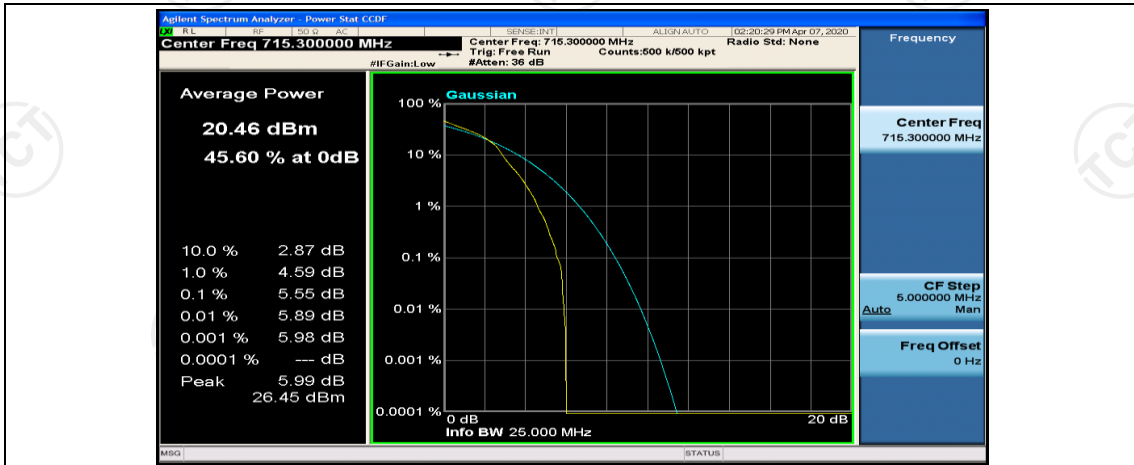
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



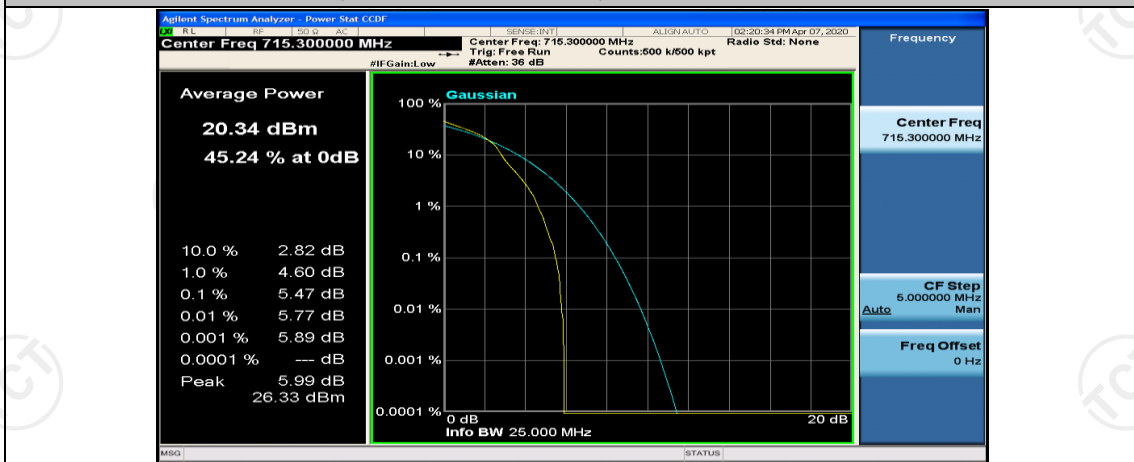
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



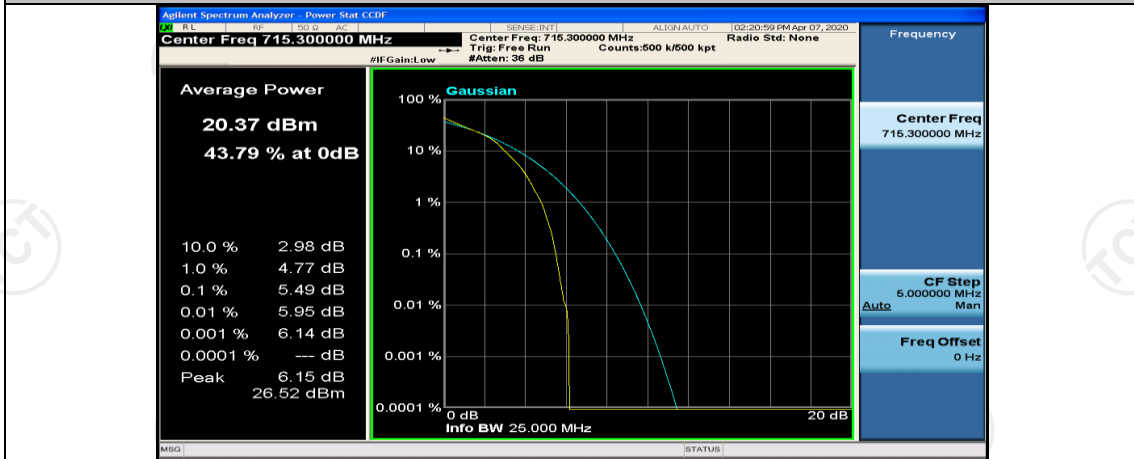
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



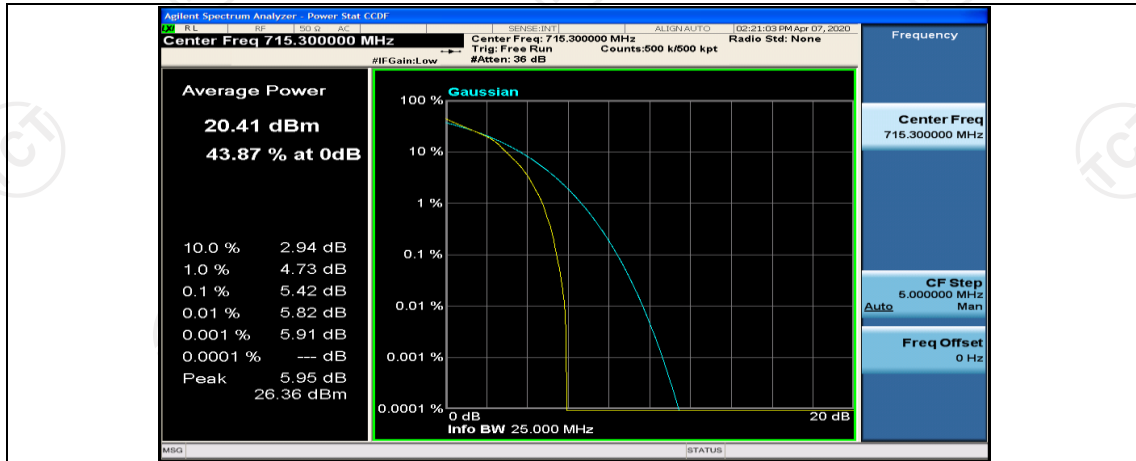
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



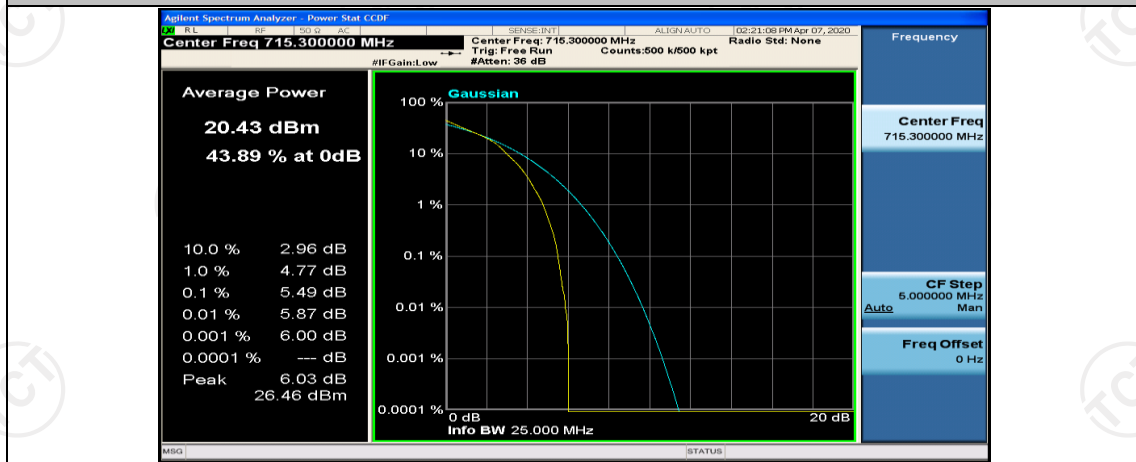
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



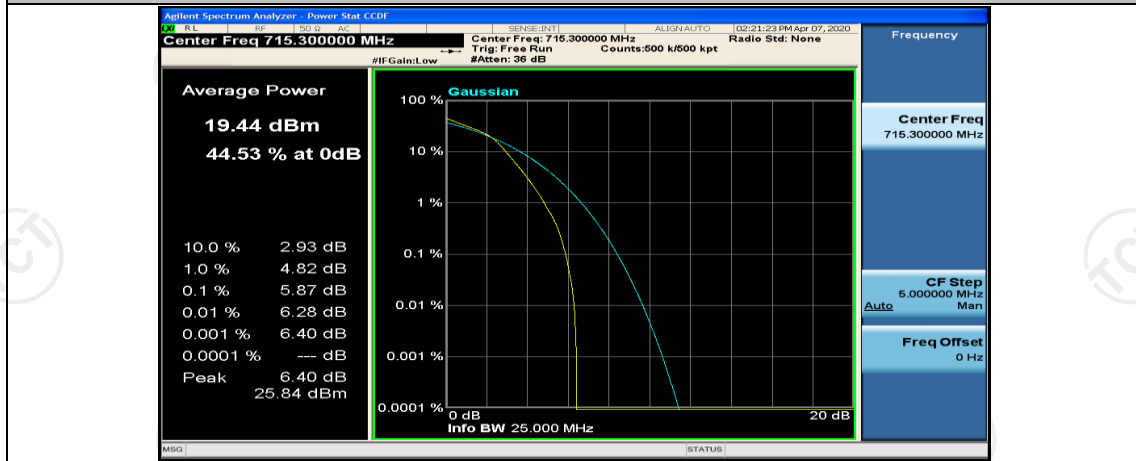
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



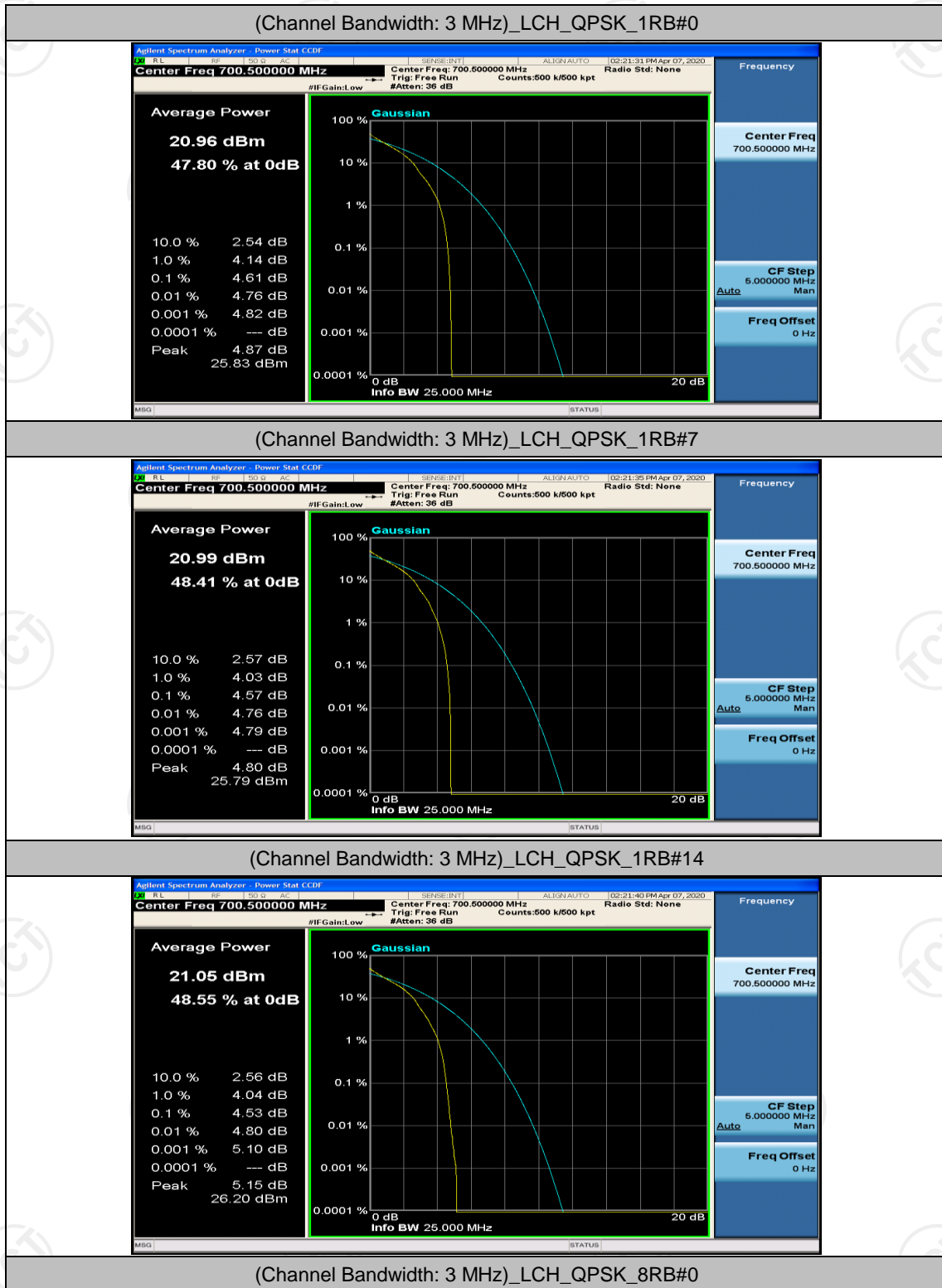
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

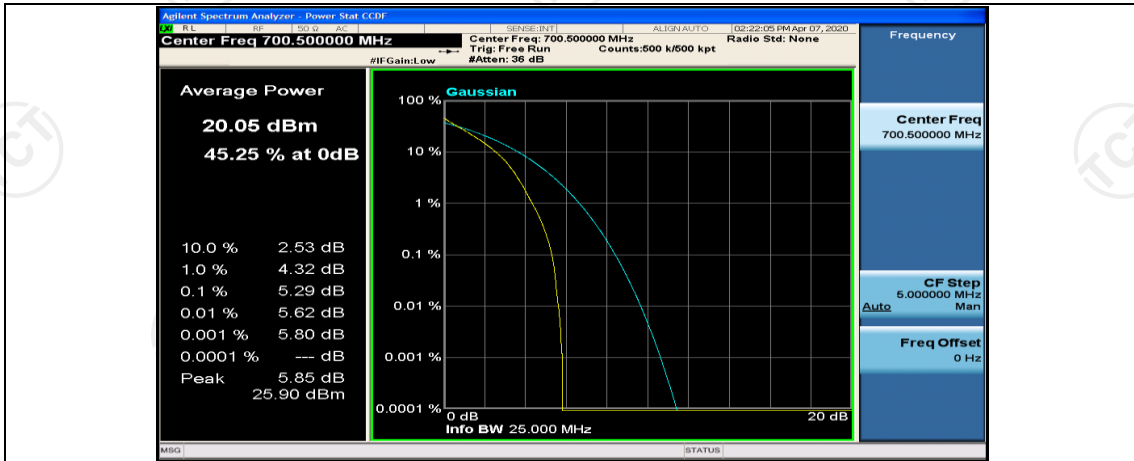


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

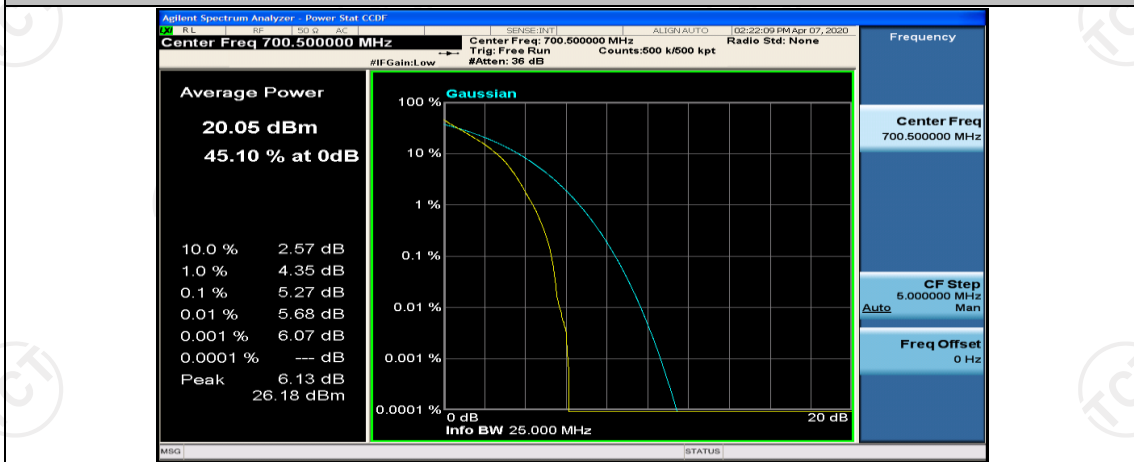


Channel Bandwidth: 3 MHz

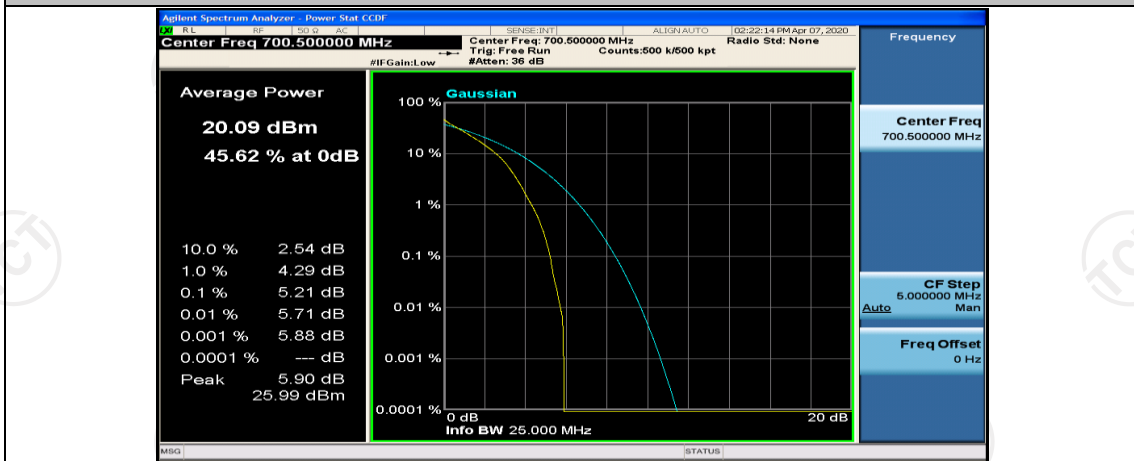




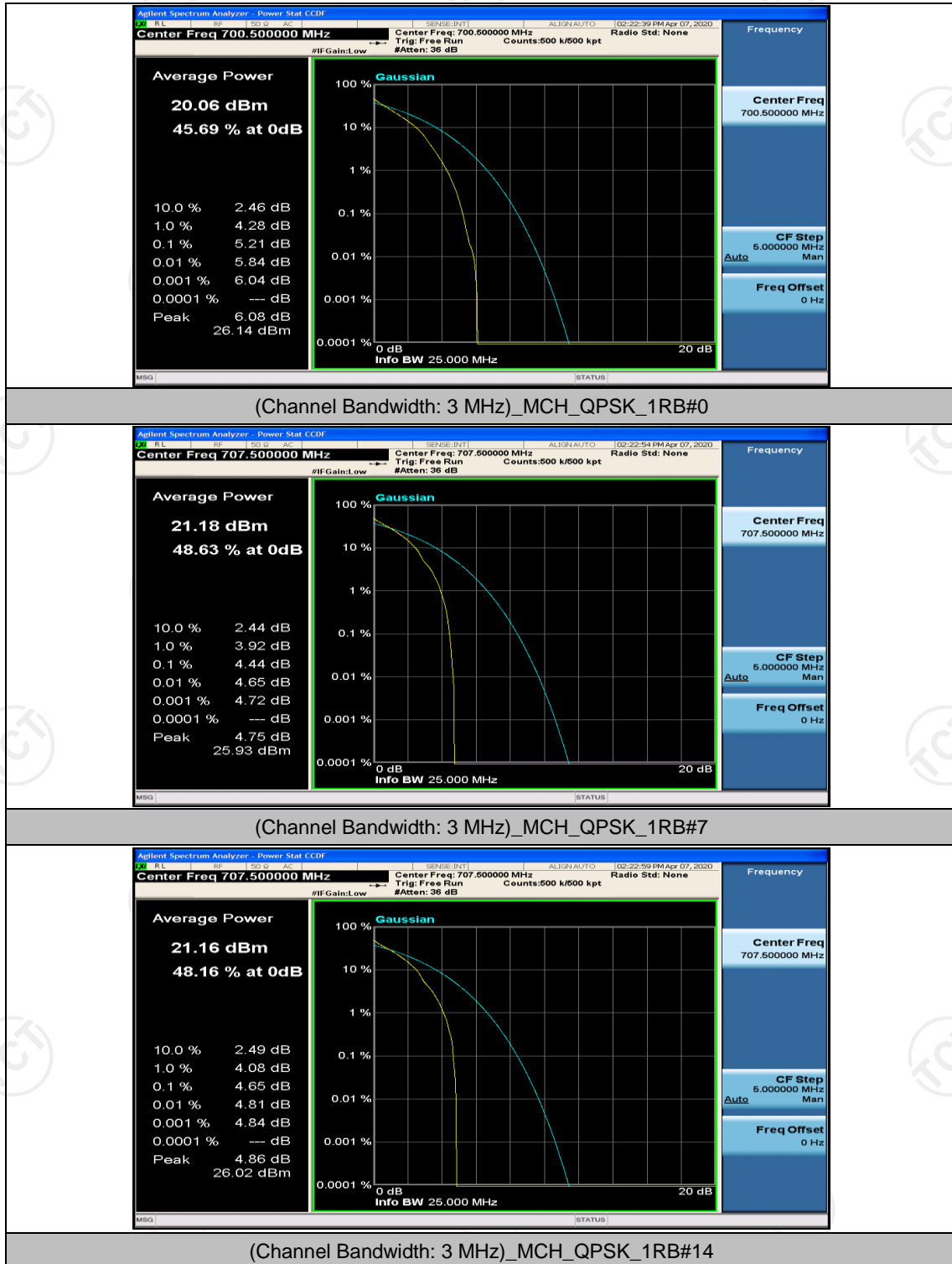
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4

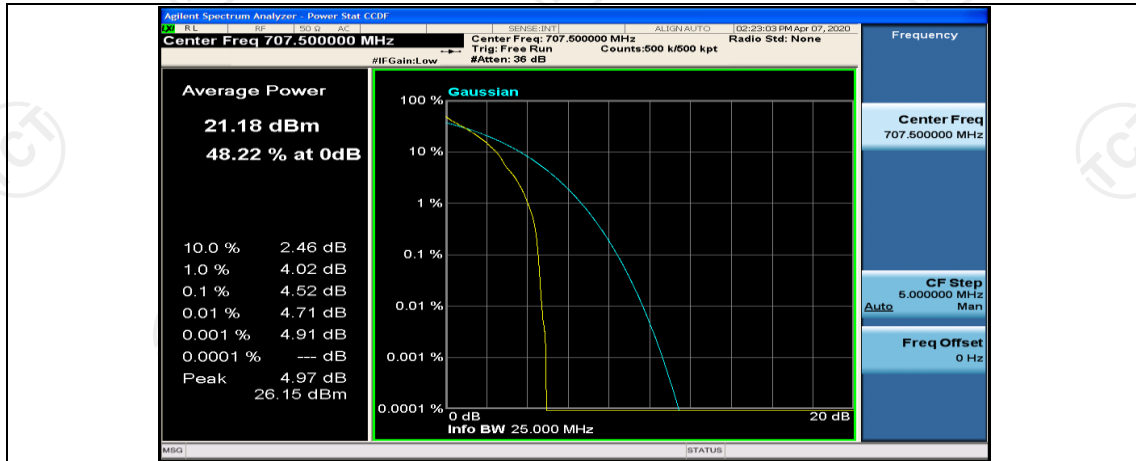


(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7

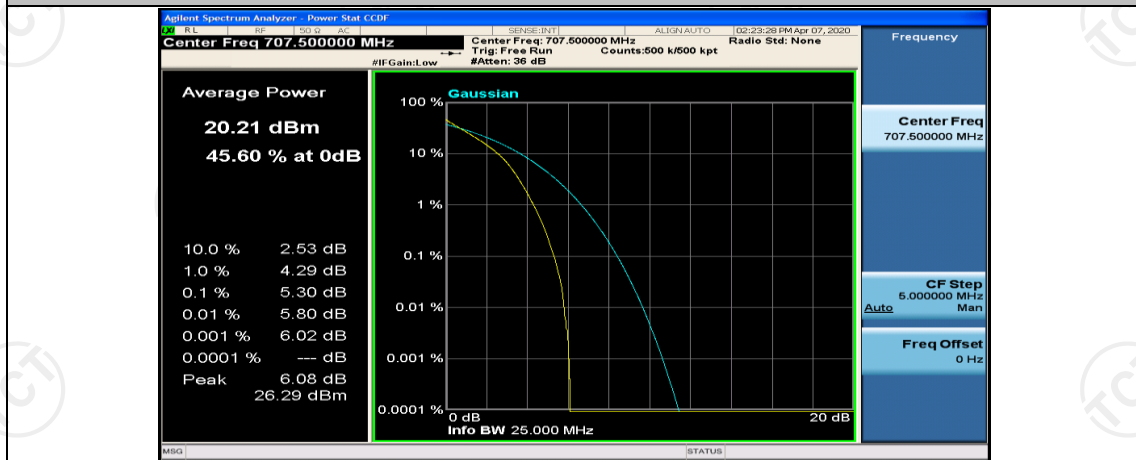


(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0

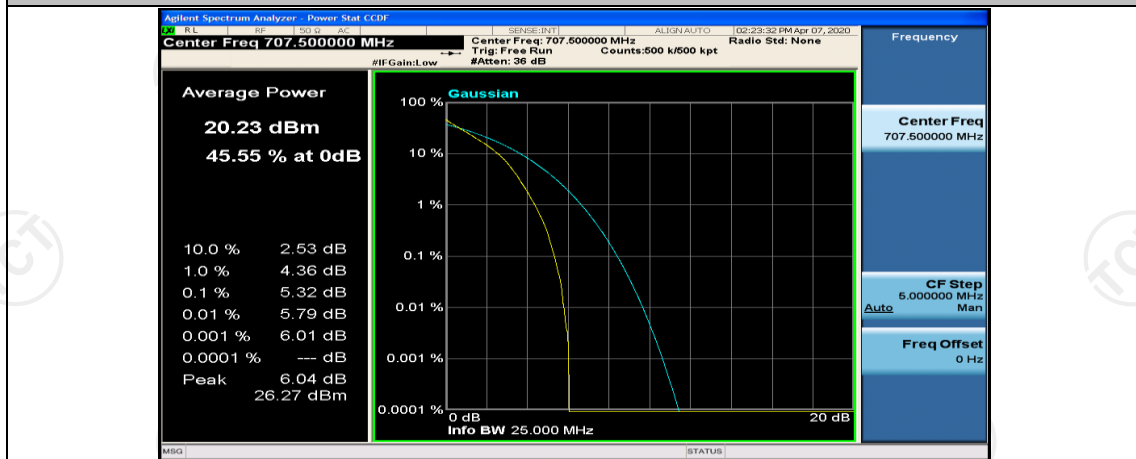




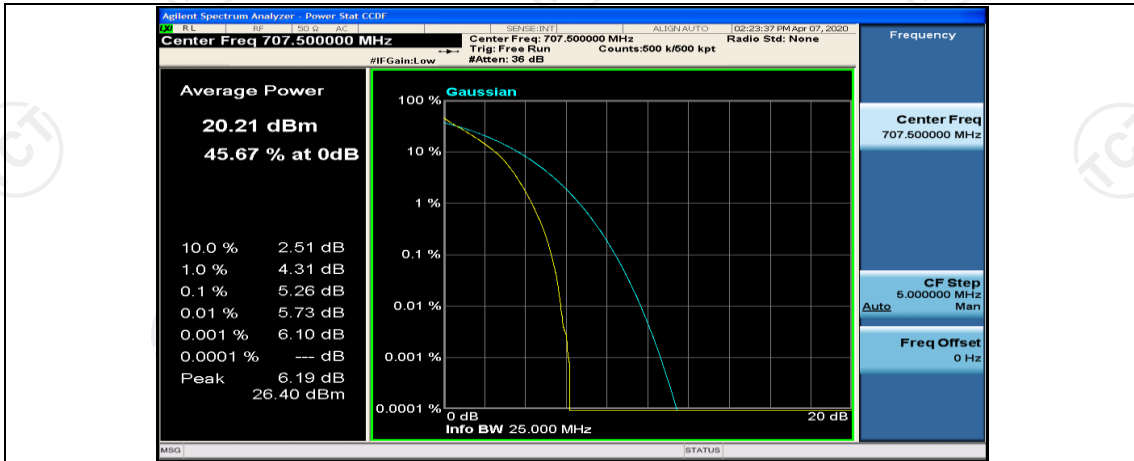
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#4



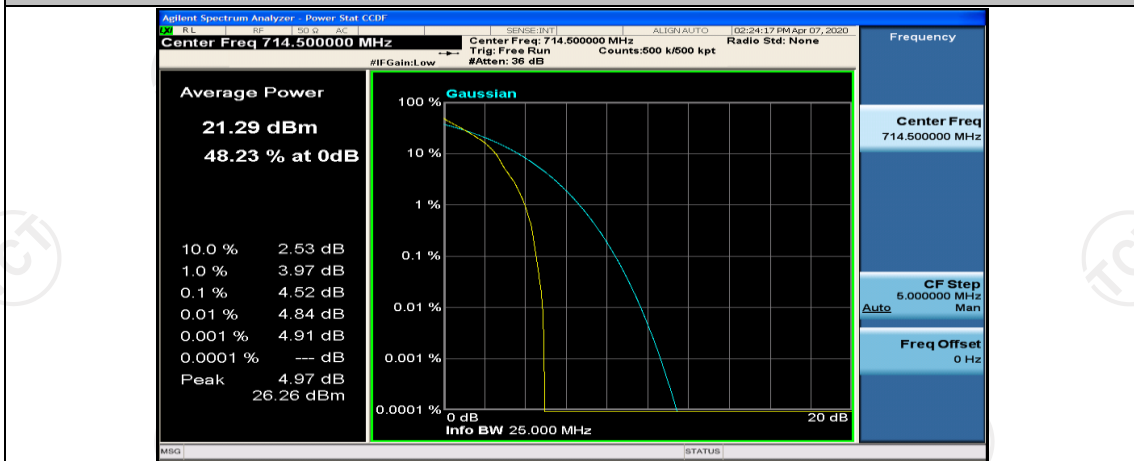
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#7



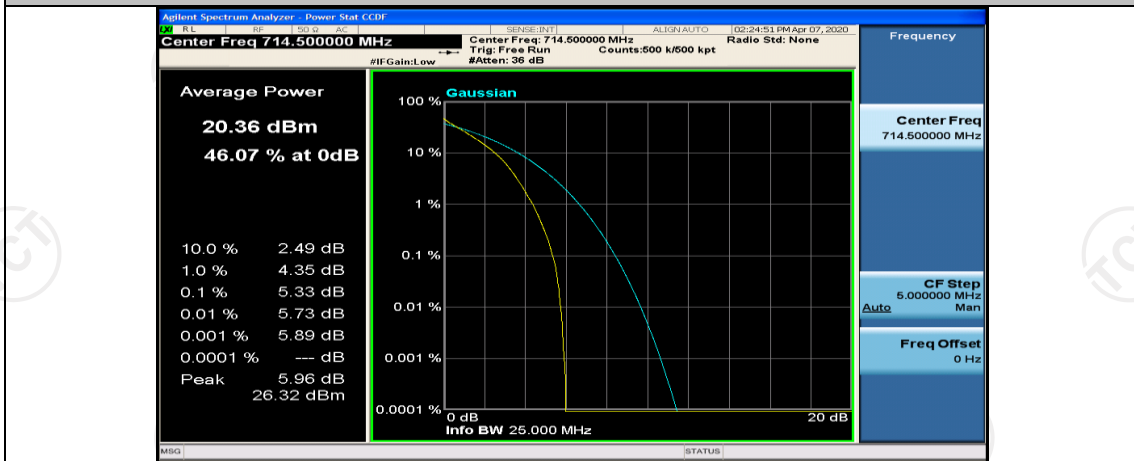
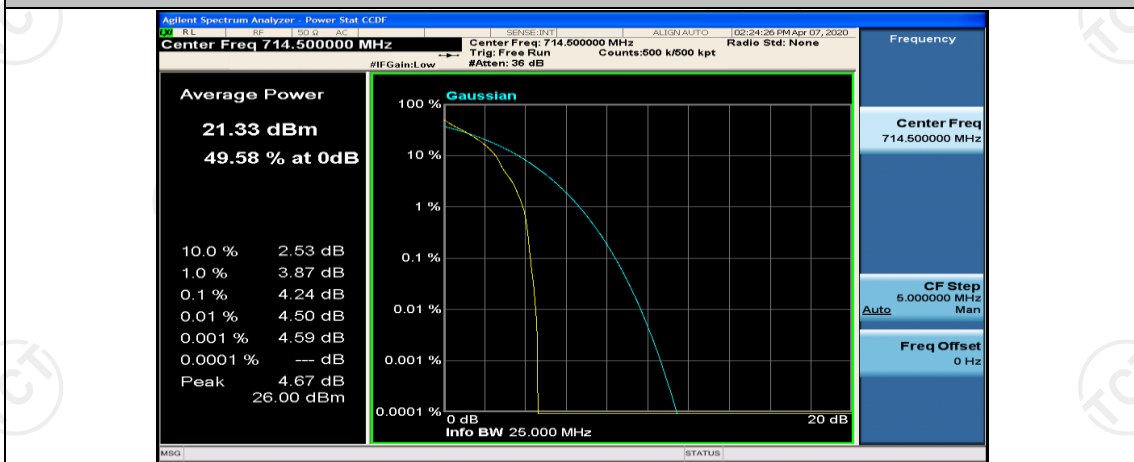
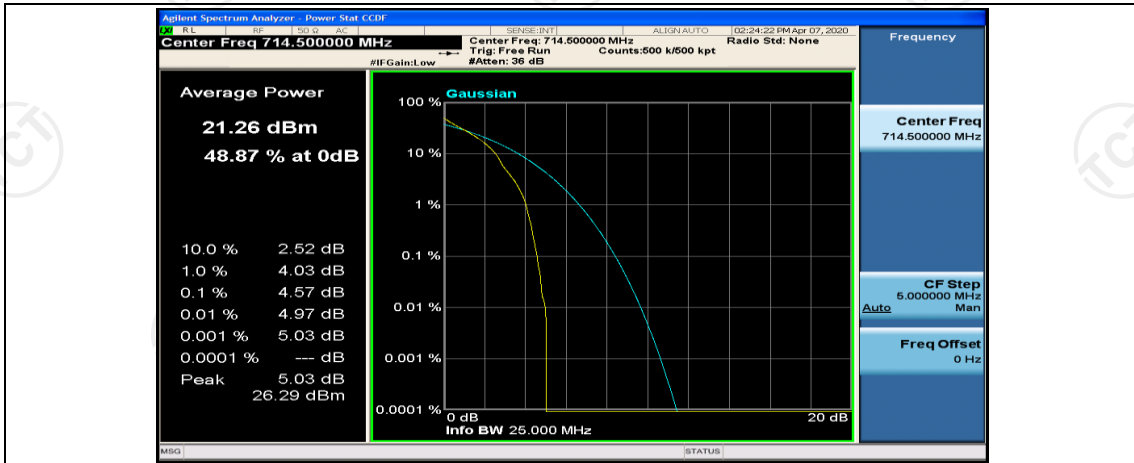
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0

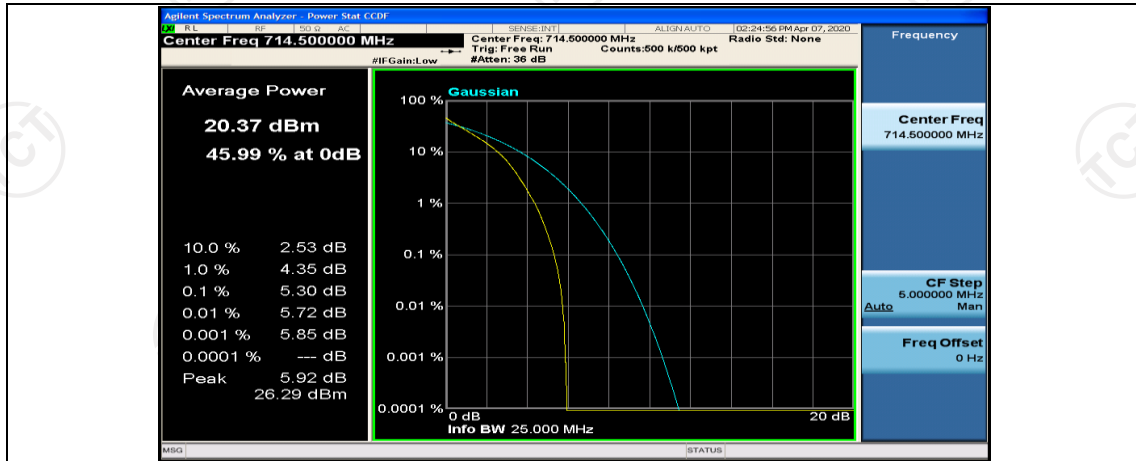


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

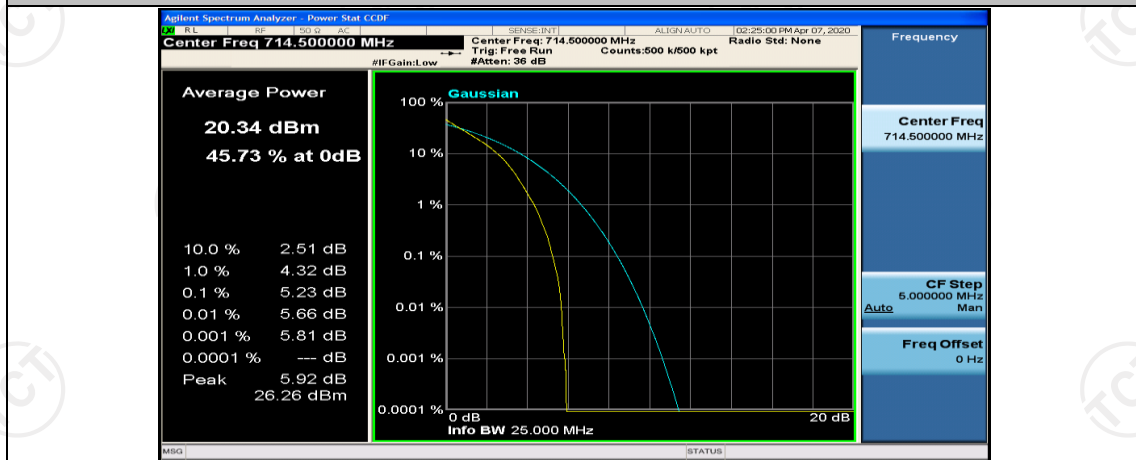


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7

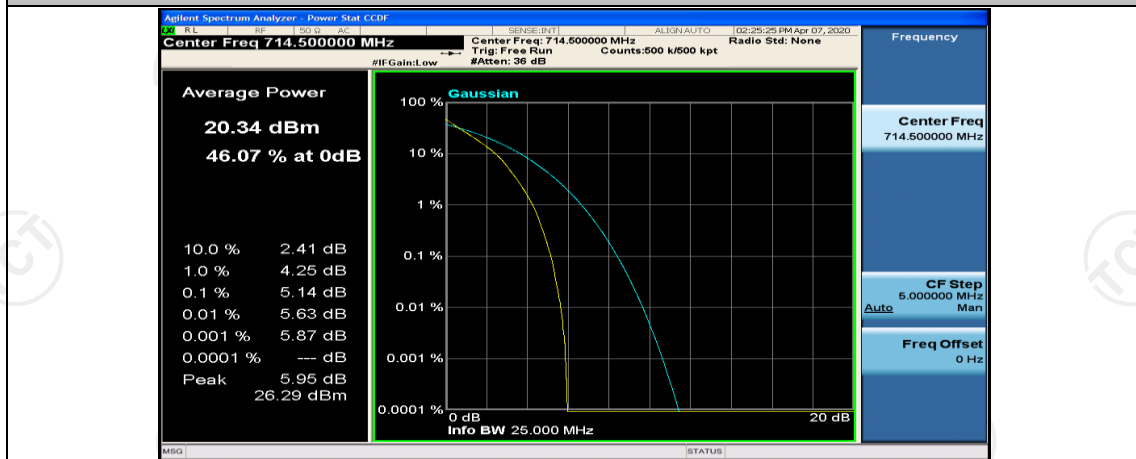




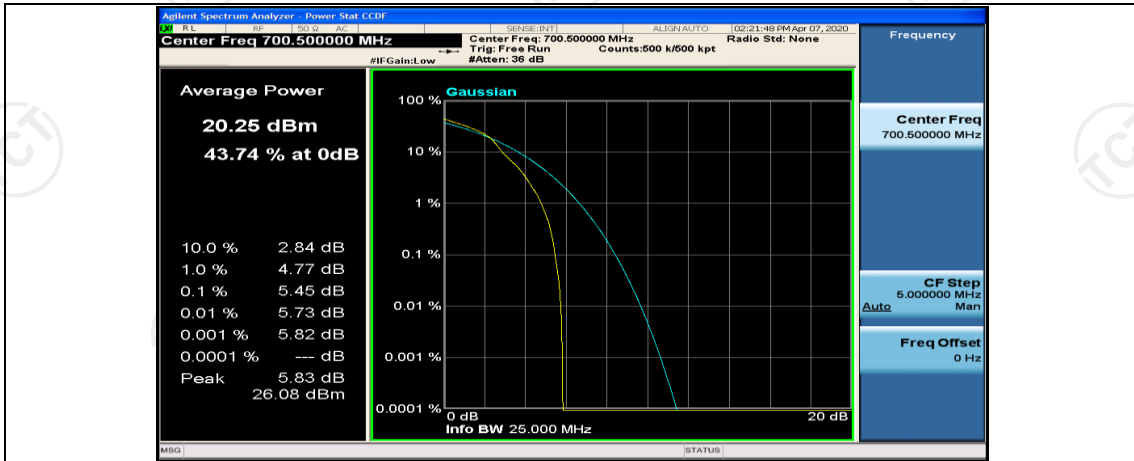
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7



(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



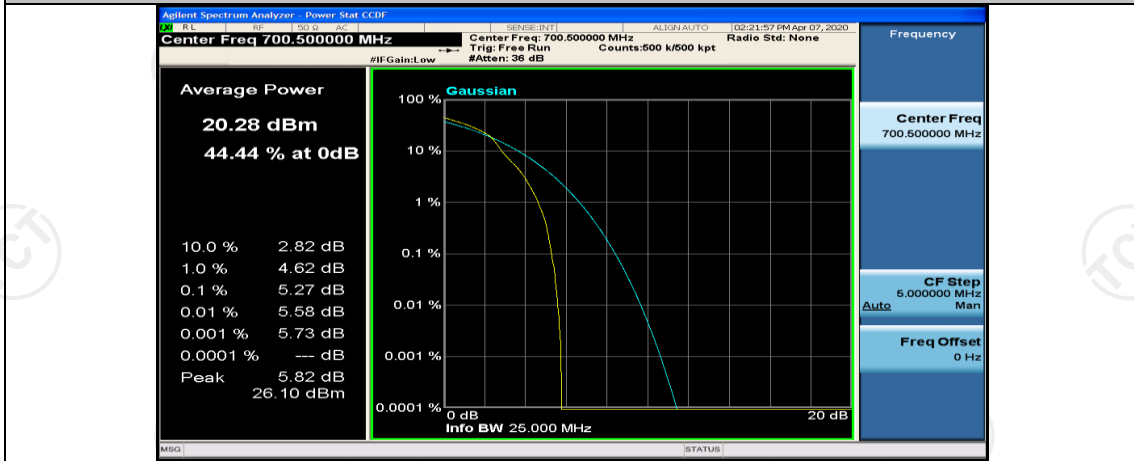
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



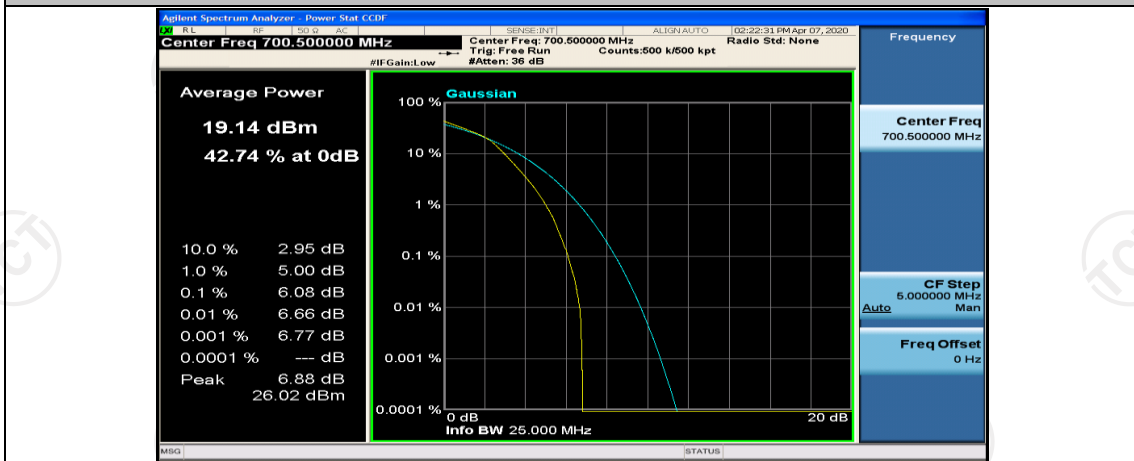
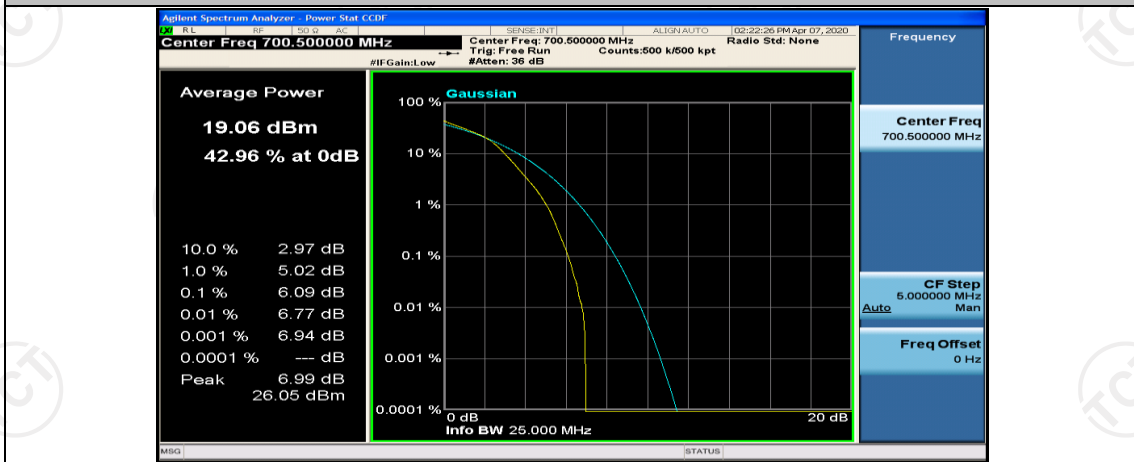
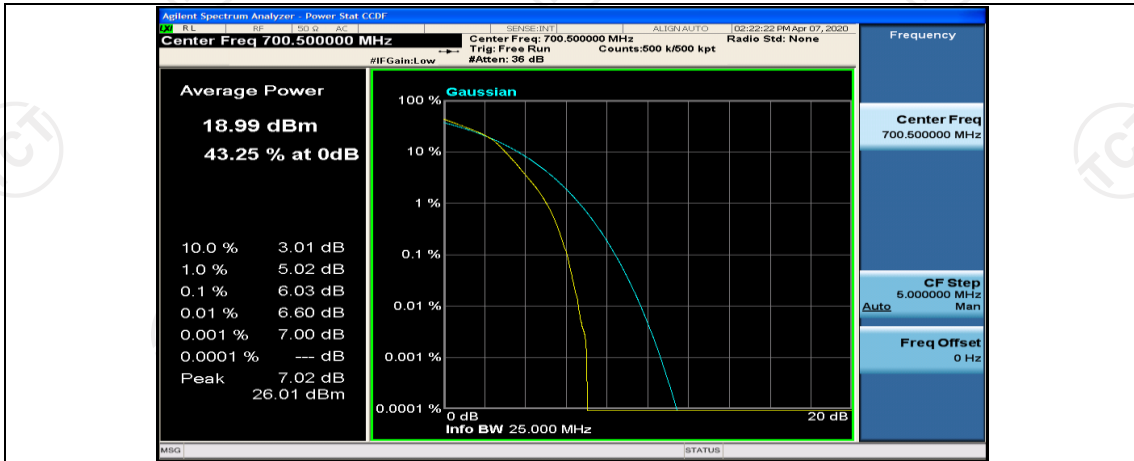
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7

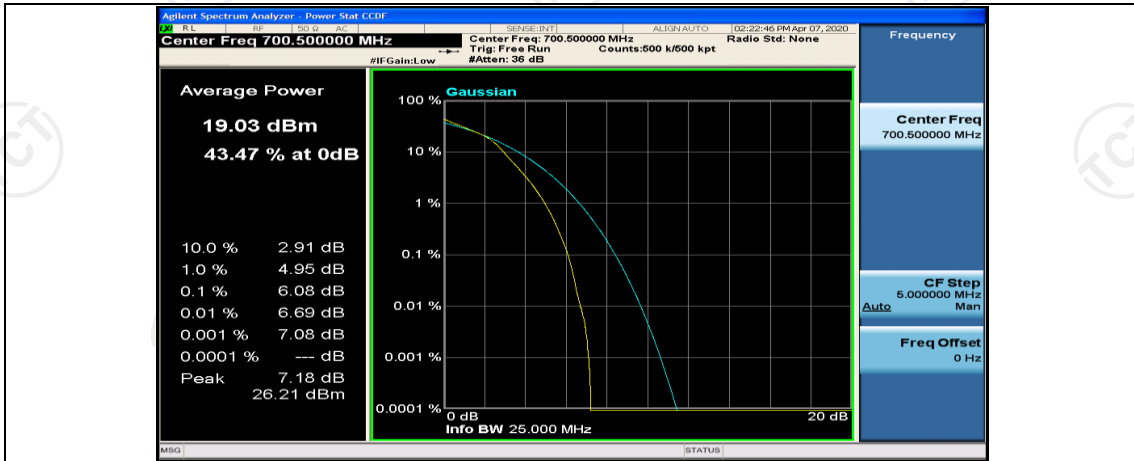


(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14

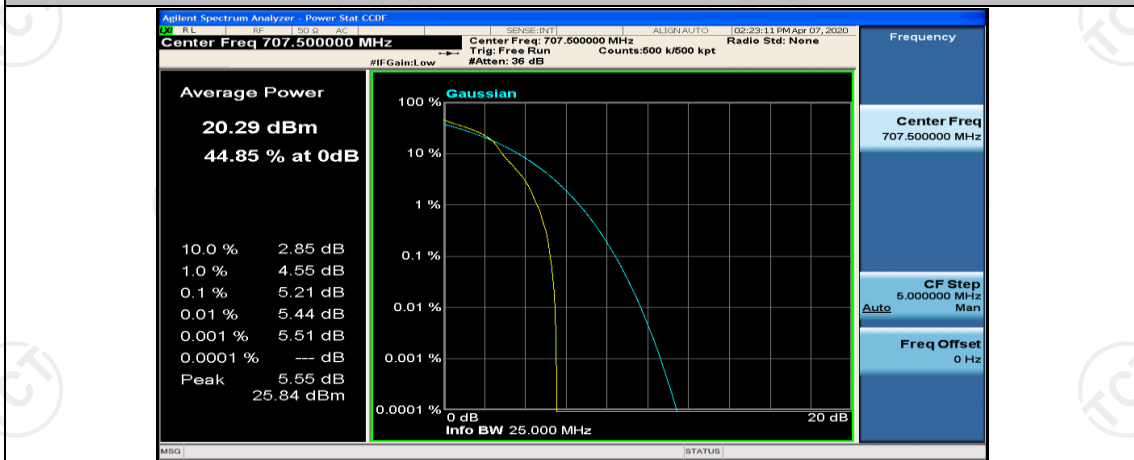


(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0

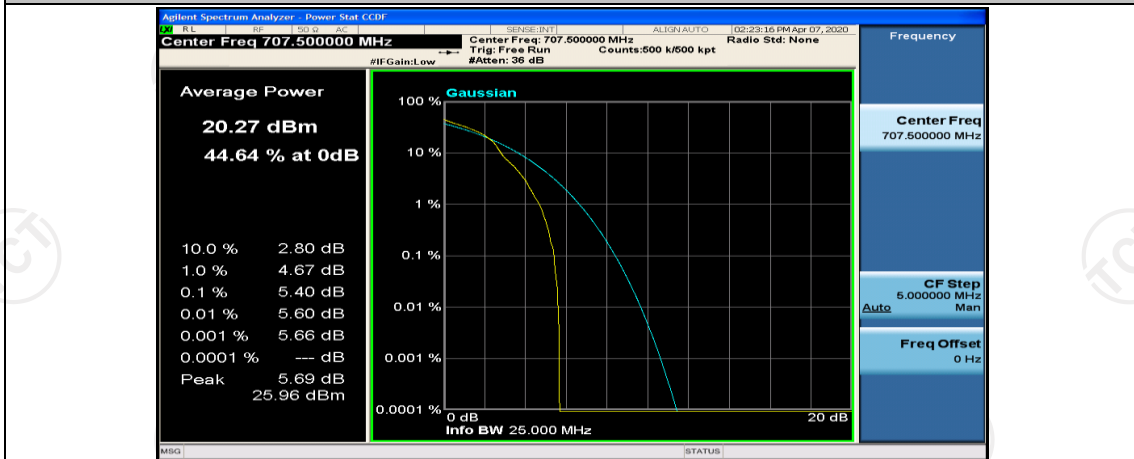




(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7



(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

