

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	23.11	23.01	PASS
		1	3	23.13	23.03	PASS
		1	5	23.15	23.05	PASS
		3	0	23.15	23.05	PASS
		3	2	23.07	22.97	PASS
		3	3	23.17	23.07	PASS
		6	0	23.07	22.97	PASS
	MCH	1	0	23.17	23.07	PASS
		1	3	23.10	23.00	PASS
		1	5	23.14	23.04	PASS
		3	0	23.21	23.11	PASS
		3	2	23.20	23.10	PASS
		3	3	23.17	23.07	PASS
		6	0	23.17	23.07	PASS
	HCH	1	0	23.19	23.09	PASS
		1	3	23.20	23.10	PASS
		1	5	23.14	23.04	PASS
		3	0	23.21	23.11	PASS
		3	2	23.21	23.11	PASS
		3	3	23.11	23.01	PASS
		6	0	23.11	23.01	PASS
16QAM	LCH	1	0	21.87	21.77	PASS
		1	3	21.88	21.78	PASS
		1	5	21.88	21.78	PASS
		3	0	22.08	21.98	PASS
		3	2	21.99	21.89	PASS
		3	3	21.99	21.89	PASS
		6	0	21.26	21.16	PASS
	MCH	1	0	22.68	22.58	PASS
		1	3	22.69	22.59	PASS
		1	5	22.67	22.57	PASS
		3	0	21.95	21.85	PASS

		3	2	21.94	21.84	PASS
		3	3	21.87	21.77	PASS
		6	0	21.14	21.04	PASS
	HCH	1	0	22.81	22.71	PASS
		1	3	22.86	22.76	PASS
		1	5	22.81	22.71	PASS
		3	0	21.91	21.81	PASS
		3	2	21.94	21.84	PASS
		3	3	21.93	21.83	PASS
		6	0	21.32	21.22	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	23.17	23.07	PASS
		1	7	23.14	23.04	PASS
		1	14	23.21	23.11	PASS
		8	0	23.12	23.02	PASS
		8	4	23.12	23.02	PASS
		8	7	23.26	23.16	PASS
		15	0	23.13	23.03	PASS
	MCH	1	0	23.18	23.08	PASS
		1	7	23.21	23.11	PASS
		1	14	23.17	23.07	PASS
		8	0	23.03	22.93	PASS
		8	4	23.02	22.92	PASS
		8	7	23.10	23.00	PASS
		15	0	23.15	23.05	PASS
	HCH	1	0	23.19	23.09	PASS
		1	7	23.21	23.11	PASS
		1	14	23.17	23.07	PASS
		8	0	23.10	23.00	PASS
		8	4	23.10	23.00	PASS
		8	7	23.21	23.11	PASS
		15	0	23.21	23.11	PASS
16QAM	LCH	1	0	22.03	21.93	PASS
		1	7	22.00	21.90	PASS
		1	14	22.25	22.15	PASS
		8	0	21.28	21.18	PASS

		8	4	21.22	21.12	PASS
		8	7	21.52	21.42	PASS
		15	0	21.10	21.00	PASS
	MCH	1	0	21.90	21.80	PASS
		1	7	21.89	21.79	PASS
		1	14	21.85	21.75	PASS
		8	0	21.31	21.21	PASS
		8	4	21.34	21.24	PASS
		8	7	21.34	21.24	PASS
		15	0	21.11	21.01	PASS
	HCH	1	0	22.98	22.88	PASS
		1	7	22.86	22.76	PASS
		1	14	22.94	22.84	PASS
		8	0	21.55	21.45	PASS
		8	4	21.57	21.47	PASS
8		7	21.29	21.19	PASS	
15		0	21.46	21.36	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	23.11	23.01	PASS
		1	12	23.23	23.13	PASS
		1	24	23.19	23.09	PASS
		12	0	23.09	22.99	PASS
		12	6	23.08	22.98	PASS
		12	13	23.18	23.08	PASS
		25	0	23.15	23.05	PASS
	MCH	1	0	23.10	23.00	PASS
		1	12	23.08	22.98	PASS
		1	24	23.09	22.99	PASS
		12	0	23.18	23.08	PASS
		12	6	23.16	23.06	PASS
		12	13	23.14	23.04	PASS
		25	0	23.11	23.01	PASS
	HCH	1	0	23.25	23.15	PASS
		1	12	23.28	23.18	PASS
		1	24	23.35	23.25	PASS
		12	0	23.08	22.98	PASS

16QAM		12	6	23.08	22.98	PASS
		12	13	23.11	23.01	PASS
		25	0	23.09	22.99	PASS
	LCH	1	0	21.58	21.48	PASS
		1	12	21.68	21.58	PASS
		1	24	21.43	21.33	PASS
		12	0	21.05	20.95	PASS
		12	6	21.09	20.99	PASS
		12	13	21.32	21.22	PASS
		25	0	21.43	21.33	PASS
		MCH	1	0	21.96	21.86
	1		12	21.95	21.85	PASS
	1		24	22.08	21.98	PASS
	12		0	21.18	21.08	PASS
	12		6	21.21	21.11	PASS
	12		13	21.03	20.93	PASS
	25		0	21.12	21.02	PASS
	HCH	1	0	22.19	22.09	PASS
		1	12	22.17	22.07	PASS
		1	24	22.19	22.09	PASS
		12	0	21.18	21.08	PASS
		12	6	21.05	20.95	PASS
		12	13	21.40	21.30	PASS
		25	0	21.43	21.33	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	22.99	22.89	PASS
		1	24	23.08	22.98	PASS
		1	49	23.05	22.95	PASS
		25	0	23.17	23.07	PASS
		25	12	23.16	23.06	PASS
		25	25	23.20	23.10	PASS
		50	0	23.12	23.02	PASS
	MCH	1	0	23.21	23.11	PASS
		1	24	23.13	23.03	PASS
		1	49	23.20	23.10	PASS
		25	0	23.11	23.01	PASS

		25	12	23.09	22.99	PASS
		25	25	23.22	23.12	PASS
		50	0	23.11	23.01	PASS
	HCH	1	0	23.13	23.03	PASS
		1	24	23.10	23.00	PASS
		1	49	23.17	23.07	PASS
		25	0	23.10	23.00	PASS
		25	12	23.09	22.99	PASS
		25	25	23.12	23.02	PASS
		50	0	23.13	23.03	PASS
16QAM	LCH	1	0	22.08	21.98	PASS
		1	24	22.01	21.91	PASS
		1	49	22.09	21.99	PASS
		25	0	21.25	21.15	PASS
		25	12	21.27	21.17	PASS
		25	25	21.23	21.13	PASS
		50	0	21.24	21.14	PASS
	MCH	1	0	22.05	21.95	PASS
		1	24	21.92	21.82	PASS
		1	49	22.00	21.90	PASS
		25	0	21.38	21.28	PASS
		25	12	21.36	21.26	PASS
		25	25	21.41	21.31	PASS
		50	0	21.24	21.14	PASS
	HCH	1	0	22.09	21.99	PASS
		1	24	22.22	22.12	PASS
		1	49	22.11	22.01	PASS
		25	0	21.31	21.21	PASS
		25	12	21.26	21.16	PASS
		25	25	21.59	21.49	PASS
		50	0	21.25	21.15	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	5.03	<13	PASS
		1	3	5.11	<13	PASS
		1	5	5.19	<13	PASS
		3	0	5.15	<13	PASS
		3	2	5.23	<13	PASS
		3	3	5.24	<13	PASS
		6	0	5.2	<13	PASS
	MCH	1	0	4.97	<13	PASS
		1	3	4.87	<13	PASS
		1	5	4.91	<13	PASS
		3	0	5.2	<13	PASS
		3	2	5.21	<13	PASS
		3	3	5.12	<13	PASS
		6	0	5.19	<13	PASS
	HCH	1	0	4.55	<13	PASS
		1	3	4.47	<13	PASS
		1	5	4.5	<13	PASS
		3	0	4.62	<13	PASS
		3	2	4.6	<13	PASS
		3	3	4.58	<13	PASS
		6	0	4.56	<13	PASS
16QAM	LCH	1	0	5.73	<13	PASS
		1	3	5.82	<13	PASS
		1	5	5.84	<13	PASS
		3	0	5.93	<13	PASS
		3	2	5.85	<13	PASS
		3	3	6.01	<13	PASS
		6	0	6.32	<13	PASS
	MCH	1	0	5.91	<13	PASS
		1	3	5.71	<13	PASS
		1	5	5.71	<13	PASS

		3	0	5.85	<13	PASS
		3	2	5.99	<13	PASS
		3	3	5.97	<13	PASS
		6	0	6.27	<13	PASS
	HCH	1	0	5.09	<13	PASS
		1	3	4.93	<13	PASS
		1	5	4.9	<13	PASS
		3	0	5.56	<13	PASS
		3	2	5.67	<13	PASS
		3	3	5.61	<13	PASS
		6	0	6.25	<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	5	<13	PASS	
		1	7	5.08	<13	PASS	
		1	14	5.08	<13	PASS	
		8	0	5.15	<13	PASS	
		8	4	5.14	<13	PASS	
		8	7	5.21	<13	PASS	
		15	0	5.28	<13	PASS	
	MCH	1	0	5.06	<13	PASS	
		1	7	4.86	<13	PASS	
		1	14	4.8	<13	PASS	
		8	0	5.19	<13	PASS	
		8	4	5.22	<13	PASS	
		8	7	5.15	<13	PASS	
		15	0	5.14	<13	PASS	
	HCH	1	0	4.63	<13	PASS	
		1	7	4.54	<13	PASS	
		1	14	4.4	<13	PASS	
		8	0	4.72	<13	PASS	
		8	4	4.78	<13	PASS	
		8	7	4.55	<13	PASS	
		15	0	4.69	<13	PASS	
	16QAM	LCH	1	0	6.09	<13	PASS
			1	7	6.07	<13	PASS
			1	14	6.14	<13	PASS

		8	0	6.32	<13	PASS
		8	4	6.4	<13	PASS
		8	7	6.39	<13	PASS
		15	0	6.51	<13	PASS
	MCH	1	0	5.82	<13	PASS
		1	7	5.76	<13	PASS
		1	14	5.65	<13	PASS
		8	0	6.29	<13	PASS
		8	4	6.48	<13	PASS
		8	7	6.18	<13	PASS
		15	0	6.42	<13	PASS
	HCH	1	0	5.17	<13	PASS
		1	7	4.93	<13	PASS
		1	14	4.89	<13	PASS
		8	0	6	<13	PASS
		8	4	6.04	<13	PASS
		8	7	6.04	<13	PASS
		15	0	6.01	<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	5.27	<13	PASS
		1	12	5.27	<13	PASS
		1	24	5.36	<13	PASS
		12	0	5.06	<13	PASS
		12	6	5.08	<13	PASS
		12	13	5.17	<13	PASS
		25	0	5.17	<13	PASS
	MCH	1	0	5.14	<13	PASS
		1	12	5.06	<13	PASS
		1	24	5.06	<13	PASS
		12	0	5.29	<13	PASS
		12	6	5.23	<13	PASS
		12	13	5.1	<13	PASS
		25	0	5.08	<13	PASS
	HCH	1	0	4.73	<13	PASS
		1	12	4.43	<13	PASS
		1	24	4.24	<13	PASS

16QAM		12	0	4.82	<13	PASS
		12	6	4.84	<13	PASS
		12	13	4.64	<13	PASS
		25	0	4.73	<13	PASS
	LCH	1	0	6.06	<13	PASS
		1	12	5.95	<13	PASS
		1	24	6.14	<13	PASS
		12	0	6.39	<13	PASS
		12	6	6.45	<13	PASS
		12	13	6.39	<13	PASS
		25	0	6.34	<13	PASS
	MCH	1	0	6.06	<13	PASS
		1	12	5.97	<13	PASS
		1	24	5.8	<13	PASS
		12	0	6.48	<13	PASS
		12	6	6.34	<13	PASS
		12	13	6.32	<13	PASS
		25	0	6.35	<13	PASS
	HCH	1	0	5.3	<13	PASS
		1	12	5.28	<13	PASS
		1	24	5.08	<13	PASS
		12	0	6.24	<13	PASS
		12	6	6.28	<13	PASS
		12	13	5.97	<13	PASS
		25	0	6	<13	PASS

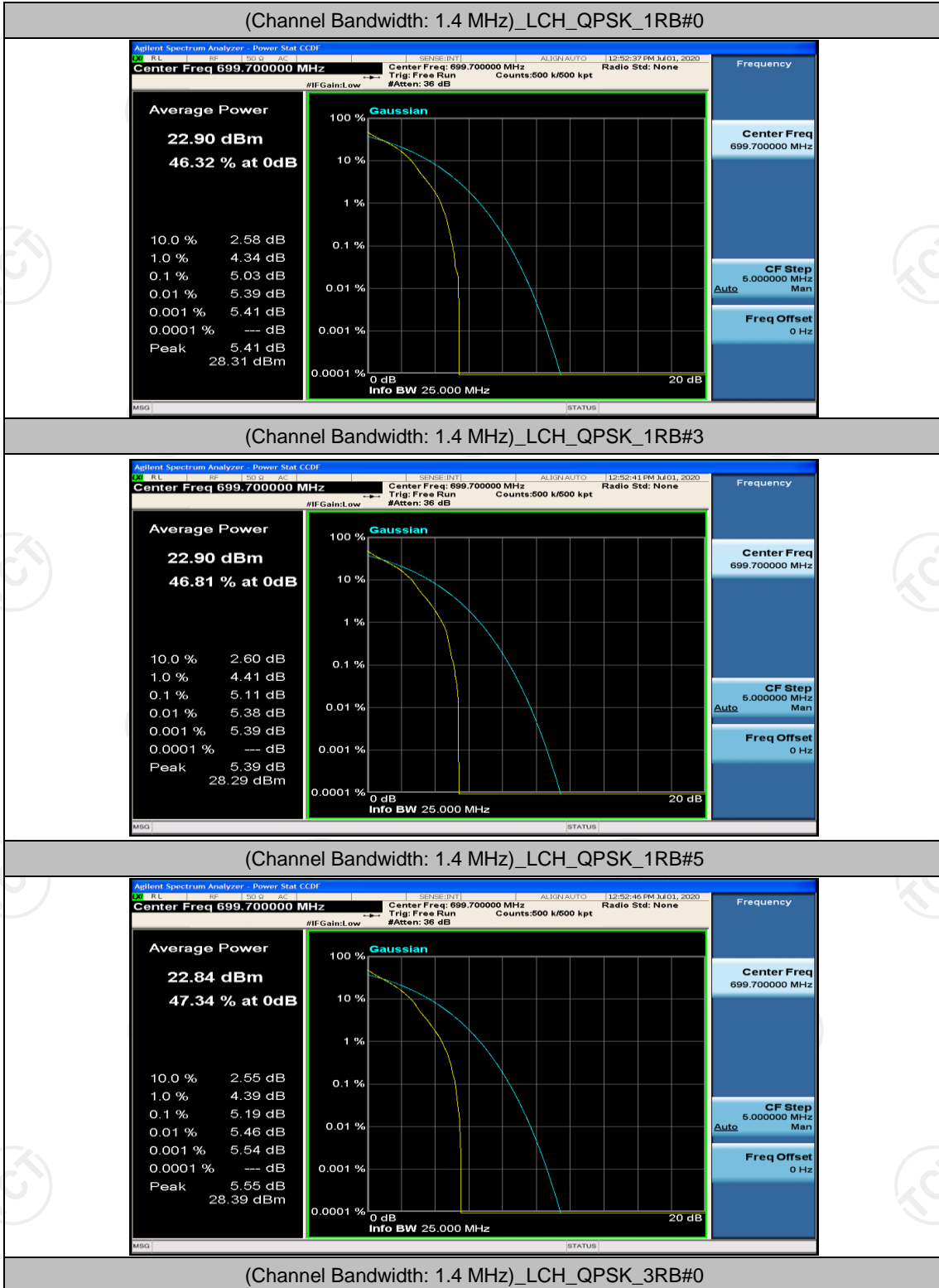
Channel Bandwidth: 10 MHz

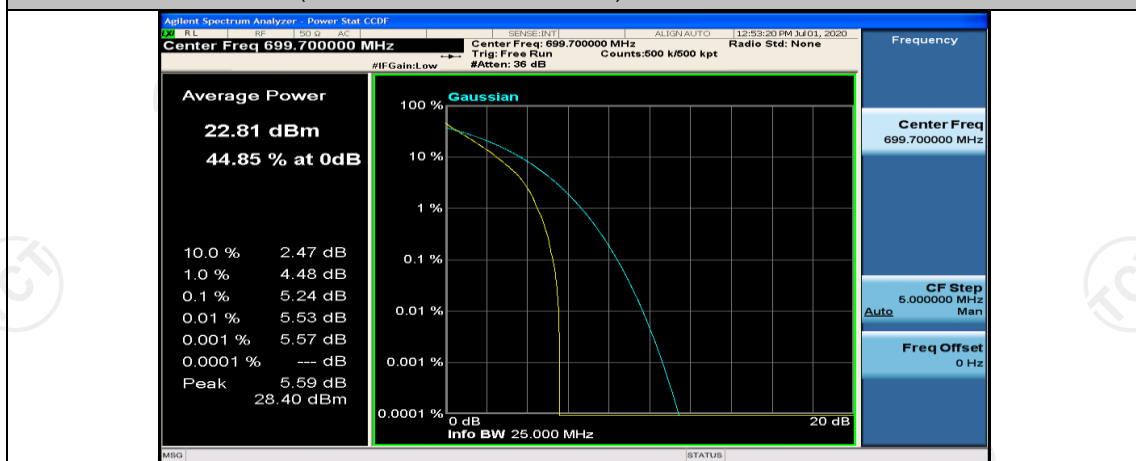
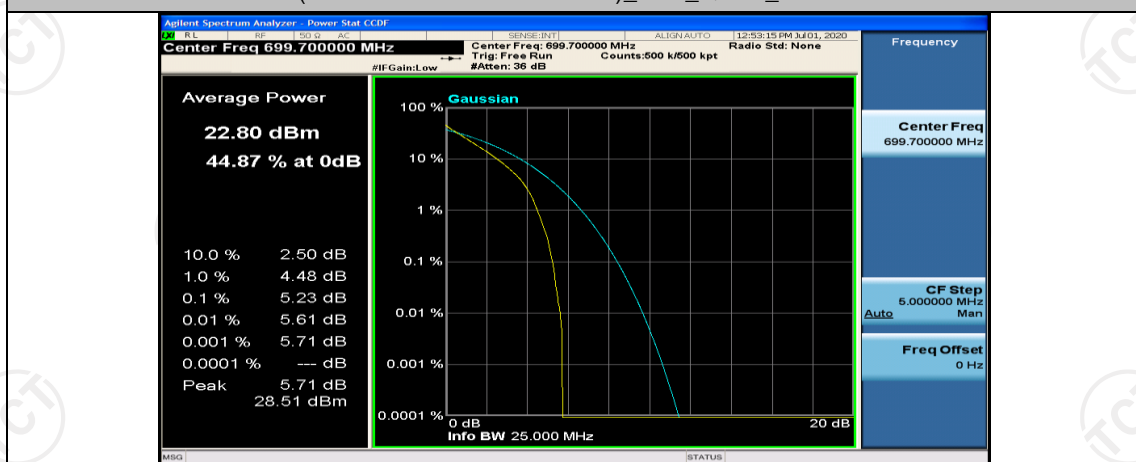
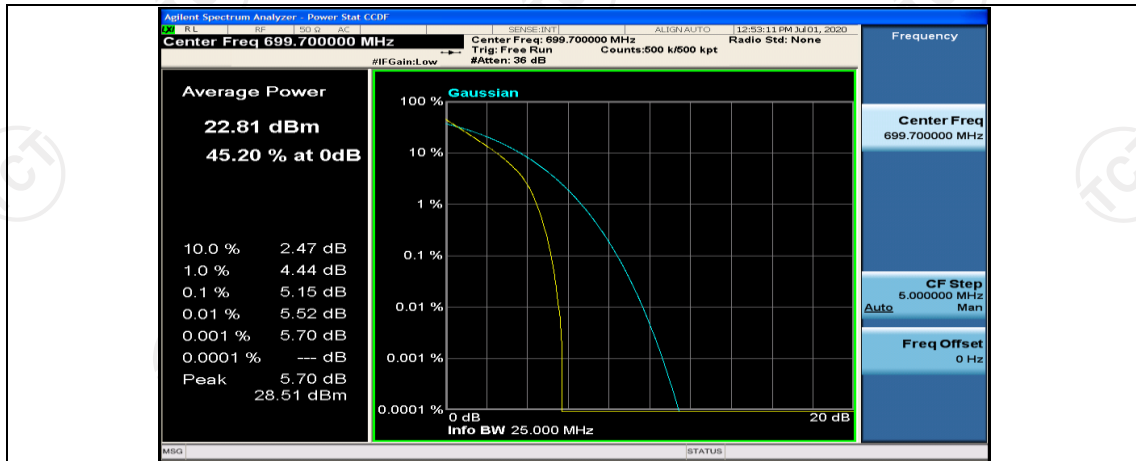
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.88	<13	PASS
		1	24	5.2	<13	PASS
		1	49	4.92	<13	PASS
		25	0	5.2	<13	PASS
		25	12	5.18	<13	PASS
		25	25	5.19	<13	PASS
		50	0	5.25	<13	PASS
	MCH	1	0	4.89	<13	PASS
		1	24	4.67	<13	PASS
		1	49	4.35	<13	PASS

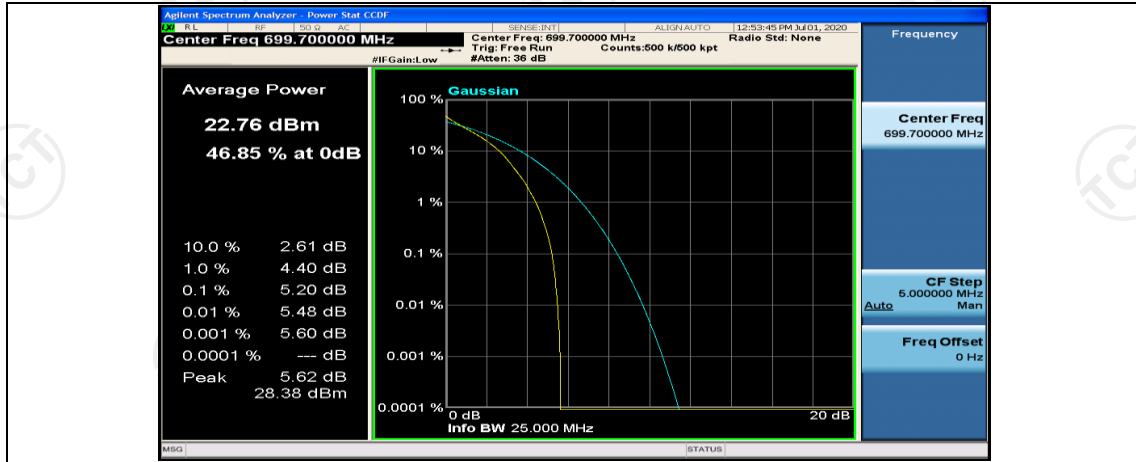
		25	0	5.17	<13	PASS
		25	12	5.16	<13	PASS
		25	25	4.93	<13	PASS
		50	0	5.13	<13	PASS
	HCH	1	0	4.92	<13	PASS
		1	24	4.62	<13	PASS
		1	49	4.28	<13	PASS
		25	0	4.92	<13	PASS
		25	12	4.87	<13	PASS
		25	25	4.57	<13	PASS
		50	0	4.89	<13	PASS
16QAM	LCH	1	0	5.97	<13	PASS
		1	24	6.34	<13	PASS
		1	49	5.8	<13	PASS
		25	0	6.48	<13	PASS
		25	12	6.38	<13	PASS
		25	25	6.41	<13	PASS
		50	0	6.41	<13	PASS
	MCH	1	0	5.76	<13	PASS
		1	24	5.63	<13	PASS
		1	49	5.49	<13	PASS
		25	0	6.37	<13	PASS
		25	12	6.42	<13	PASS
		25	25	6.24	<13	PASS
		50	0	6.29	<13	PASS
	HCH	1	0	5.79	<13	PASS
		1	24	5.54	<13	PASS
		1	49	5.3	<13	PASS
		25	0	6.26	<13	PASS
		25	12	6.15	<13	PASS
		25	25	5.95	<13	PASS
		50	0	6.16	<13	PASS

Test Graphs

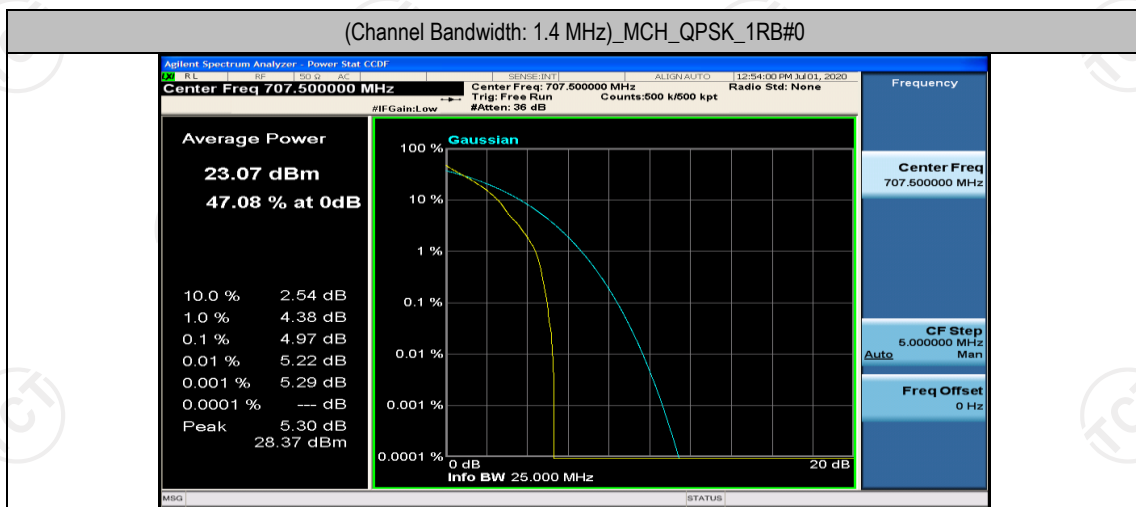
Channel Bandwidth: 1.4 MHz



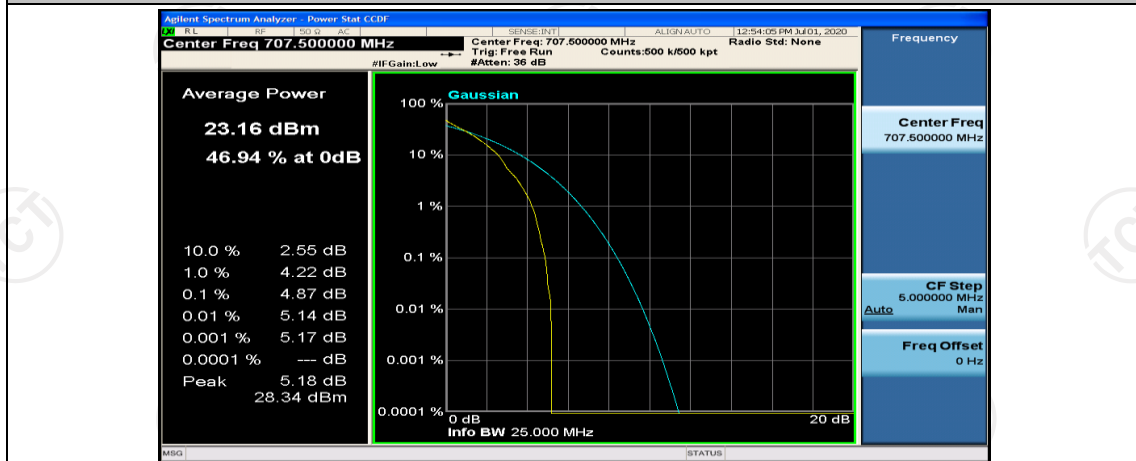




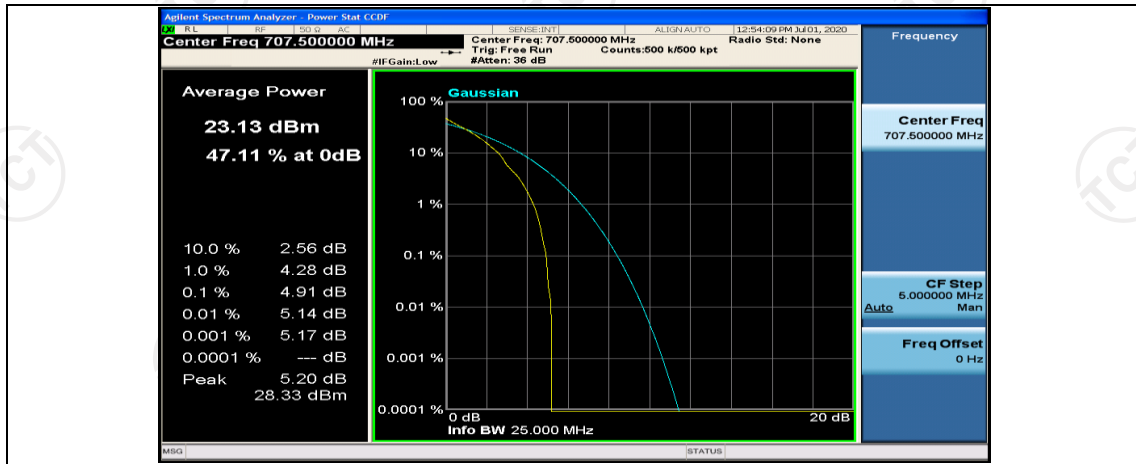
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



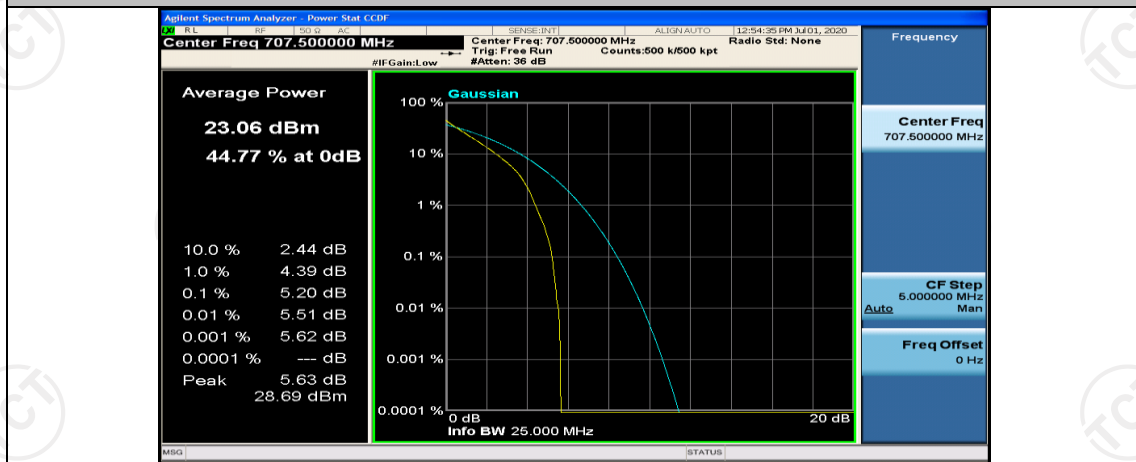
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



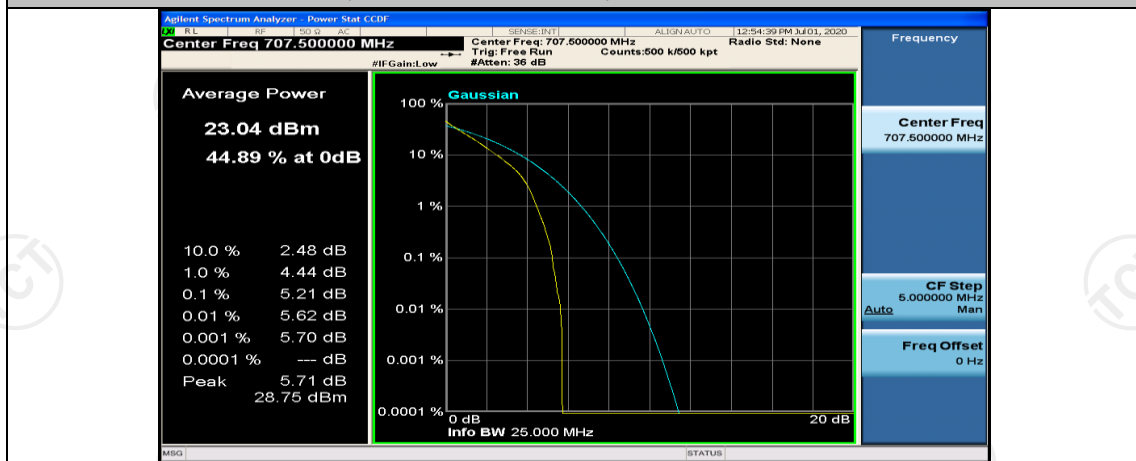
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



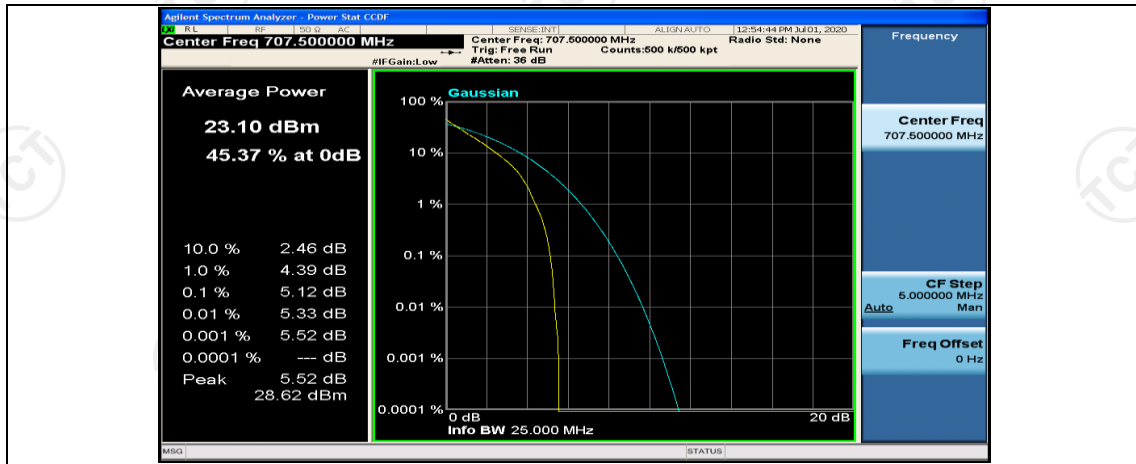
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



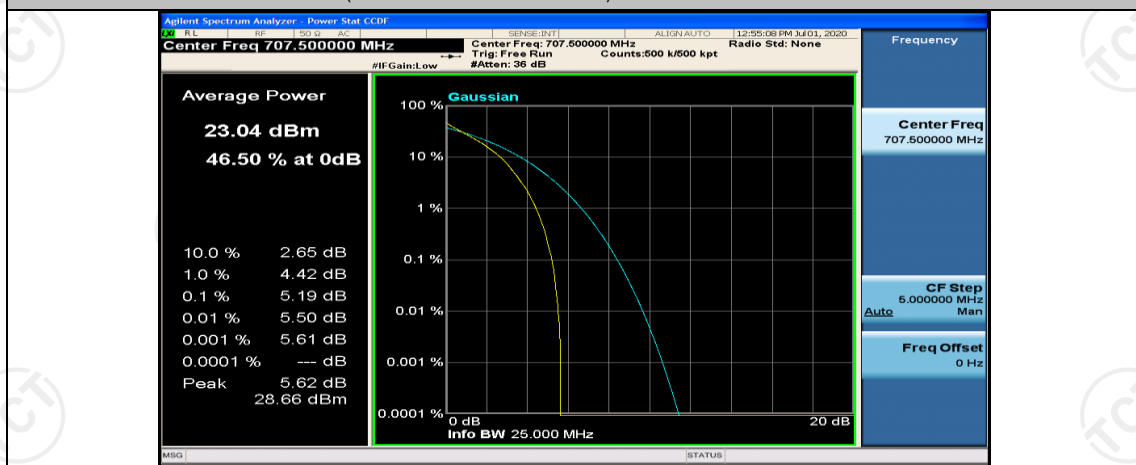
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



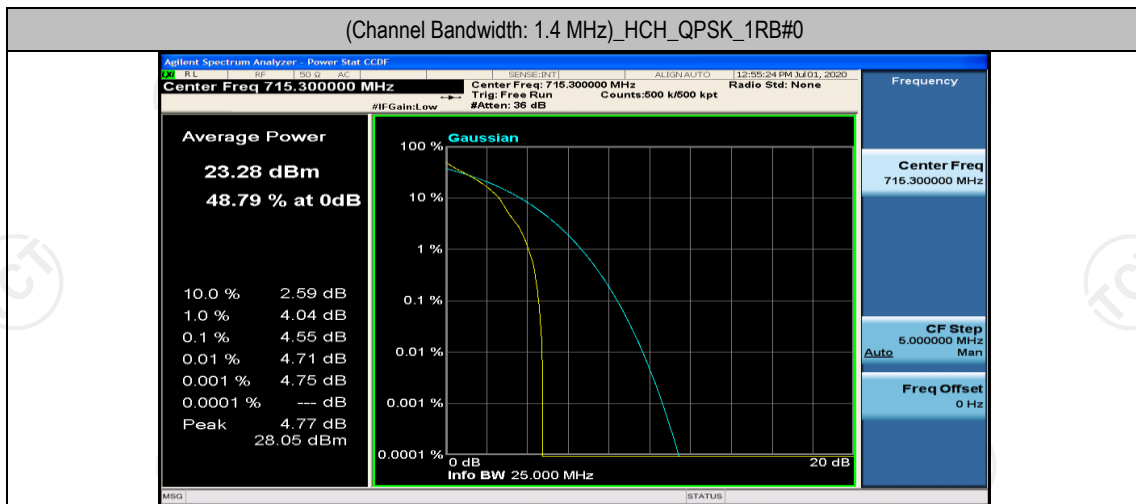
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



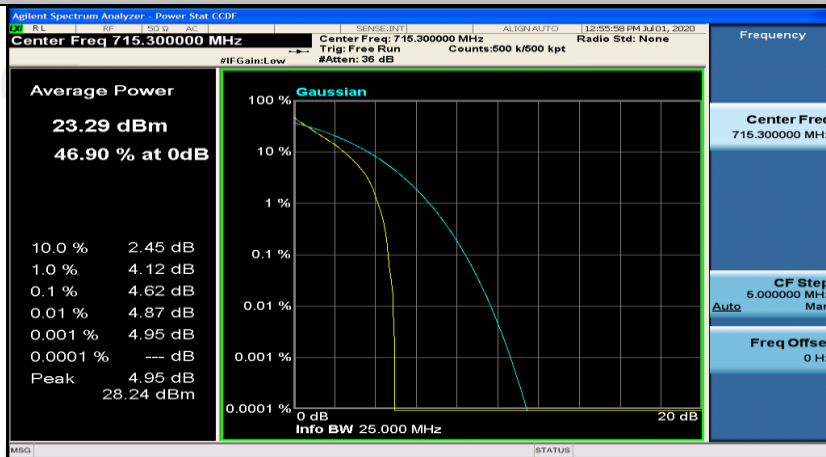
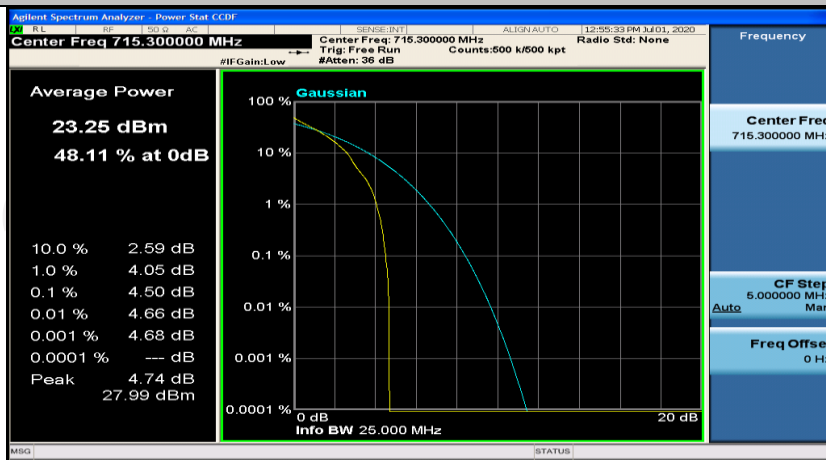
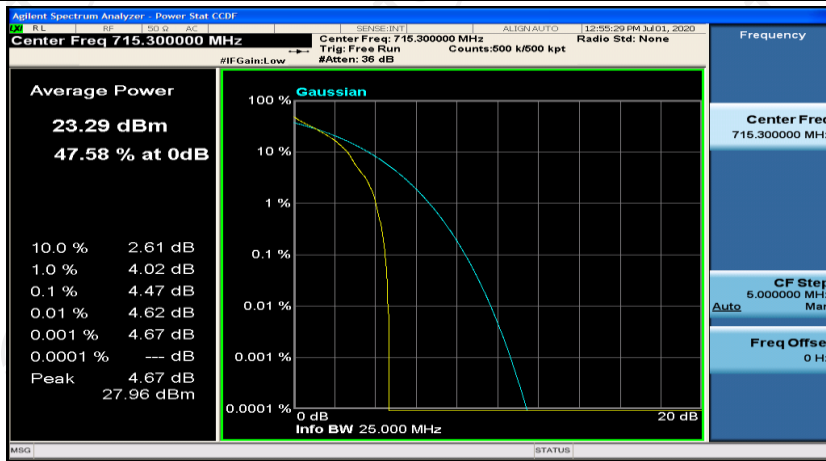
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0

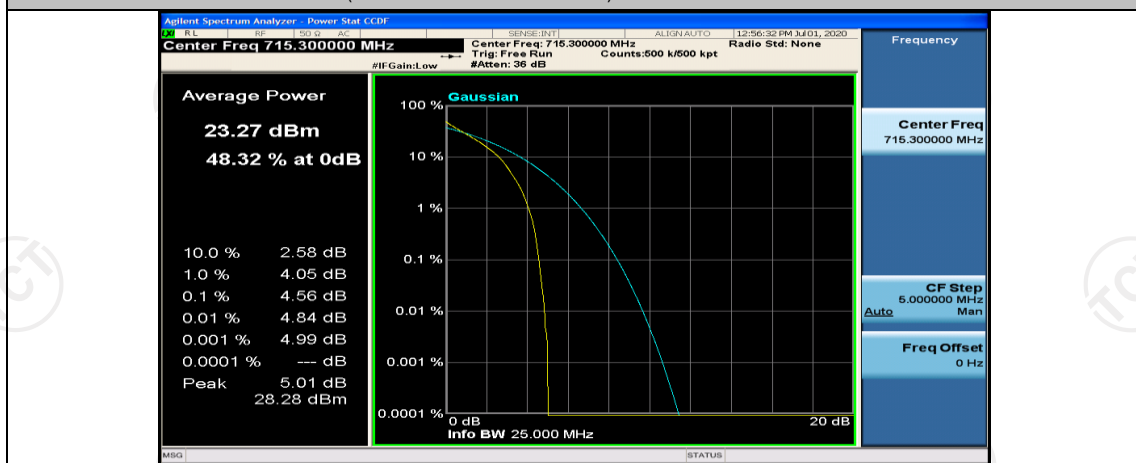
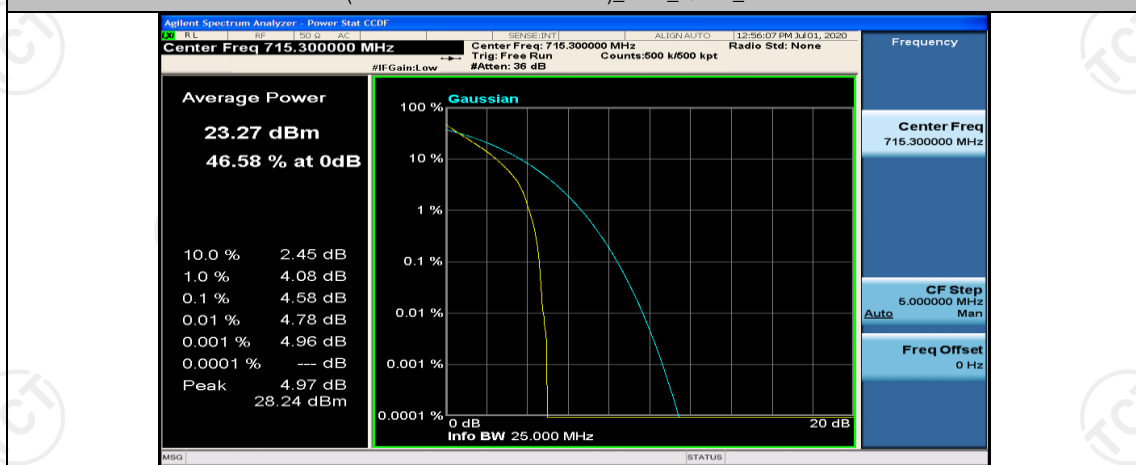
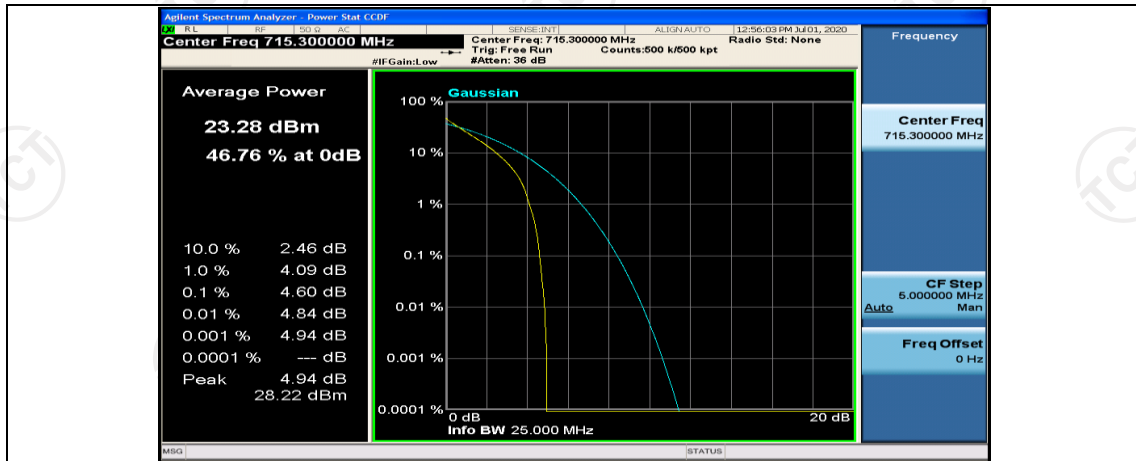


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

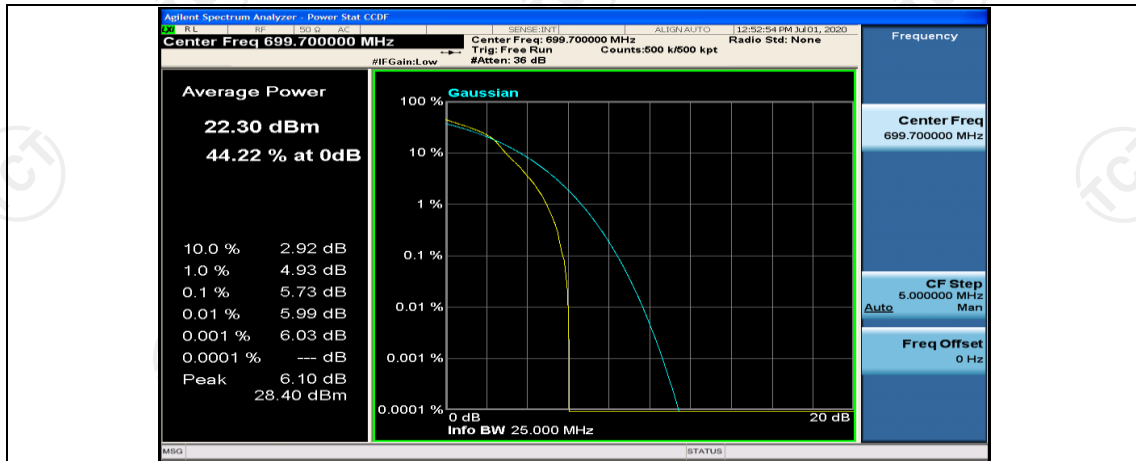


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3

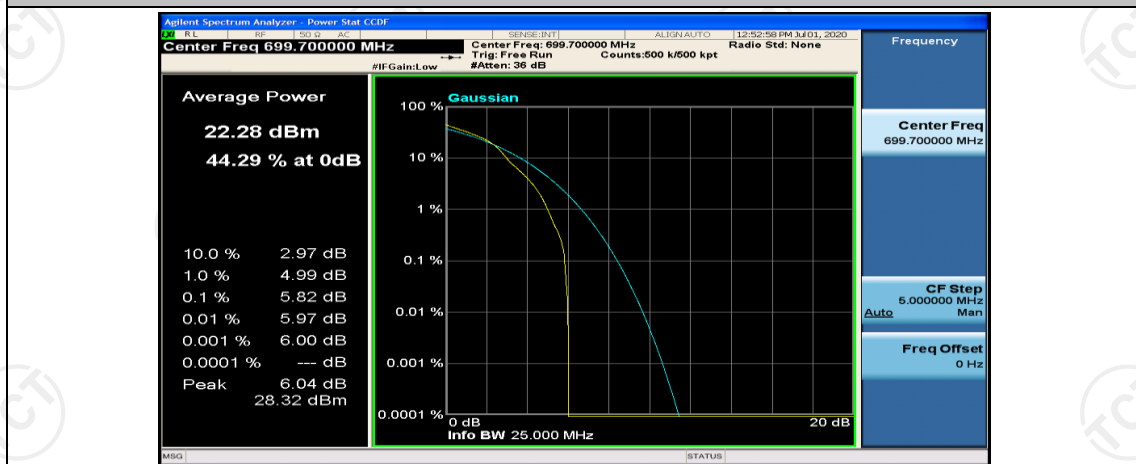




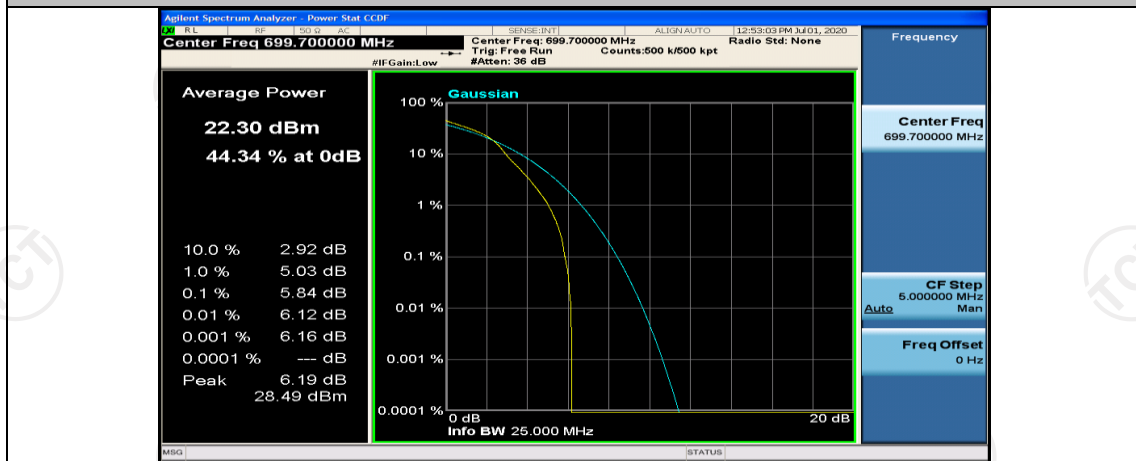
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



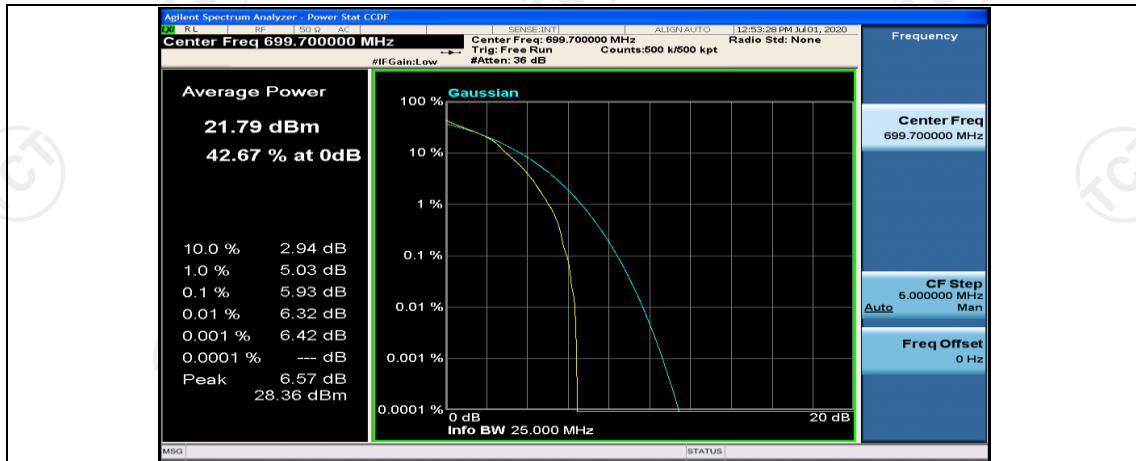
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



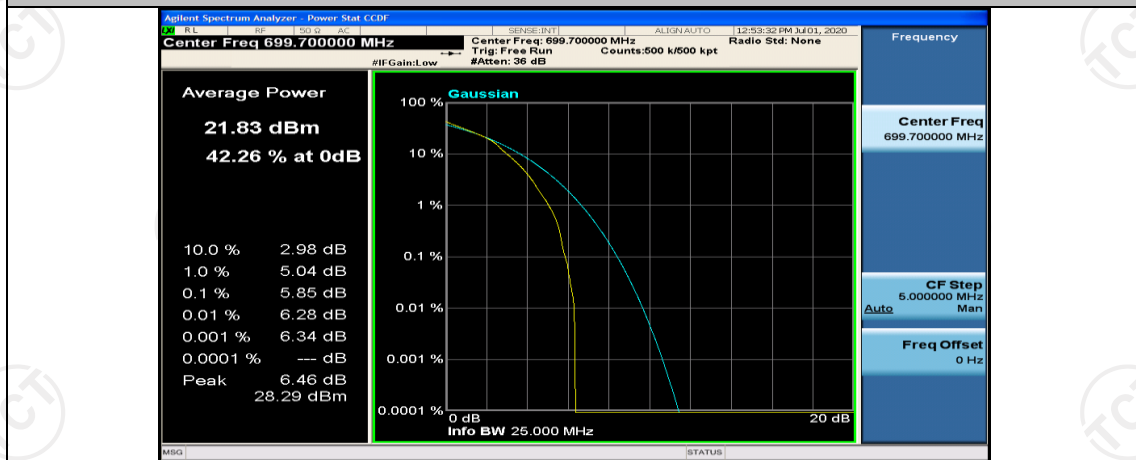
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



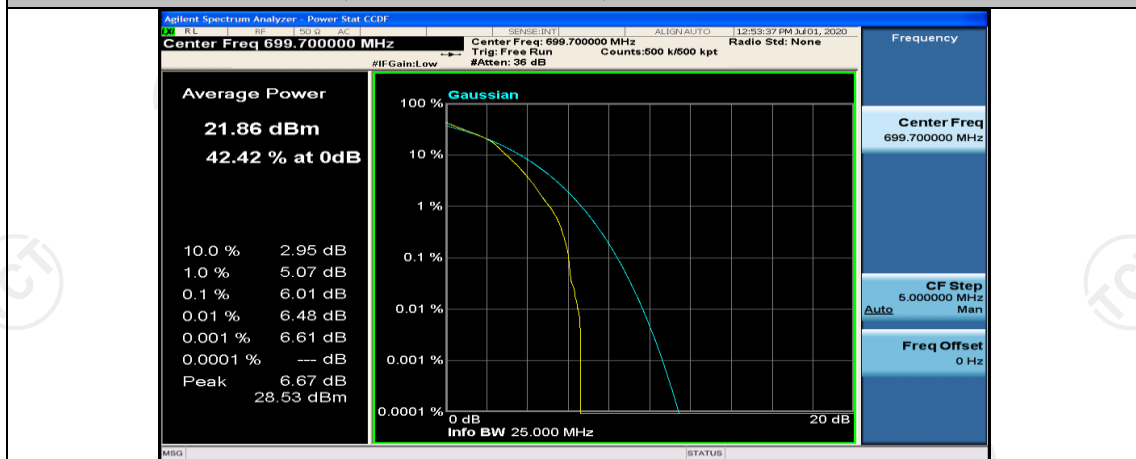
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



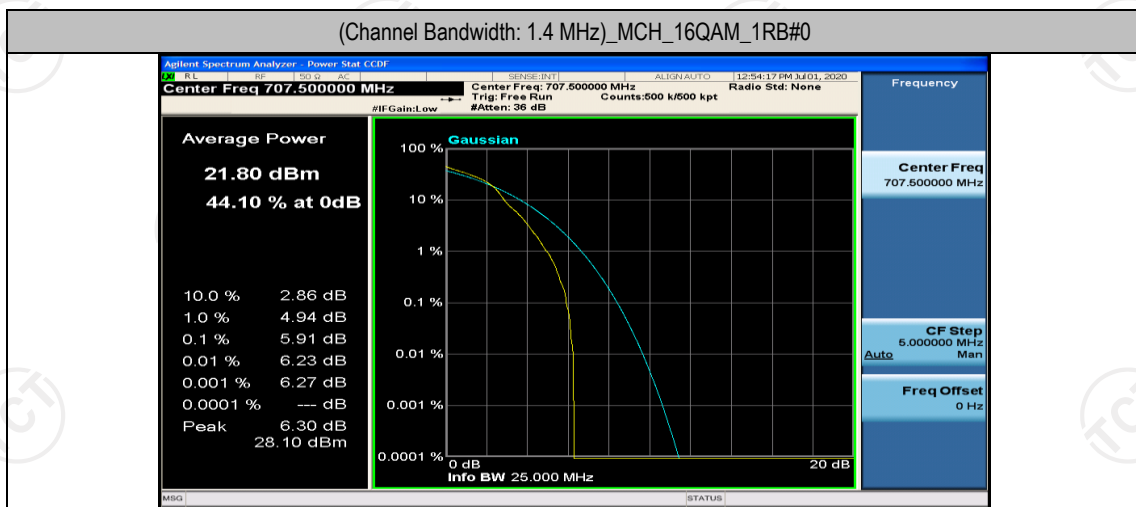
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



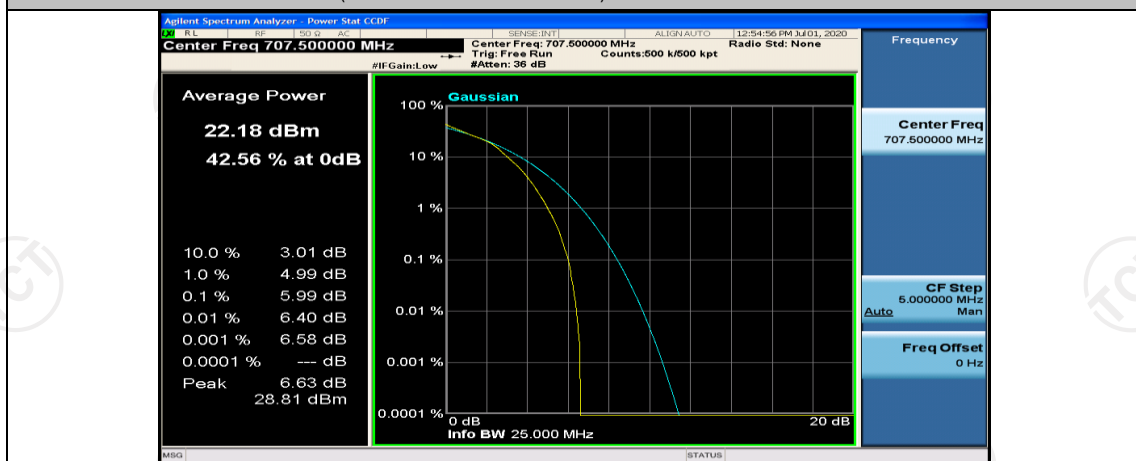
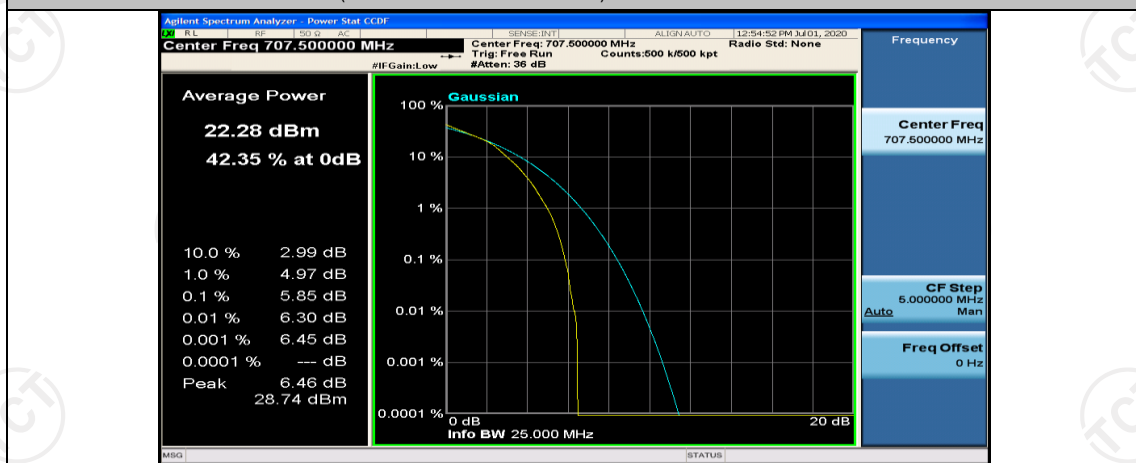
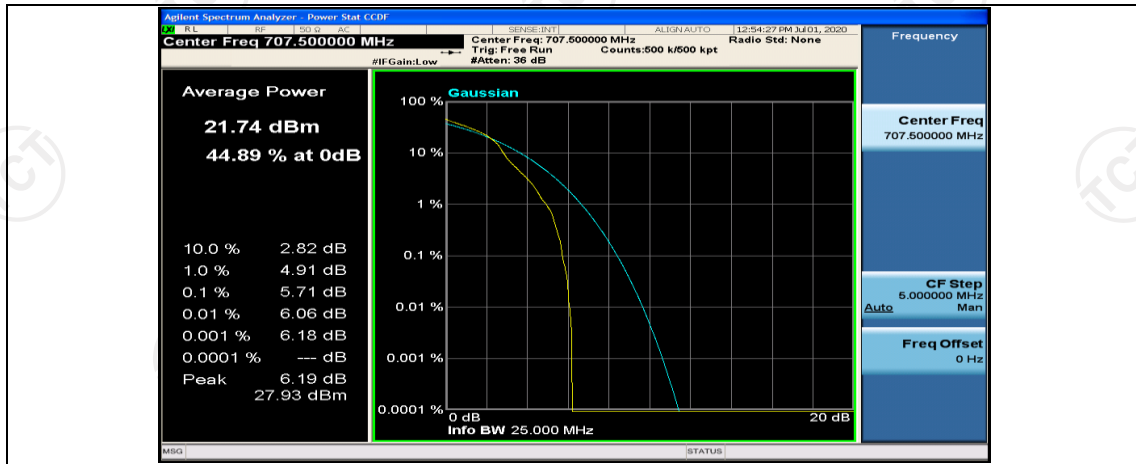
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

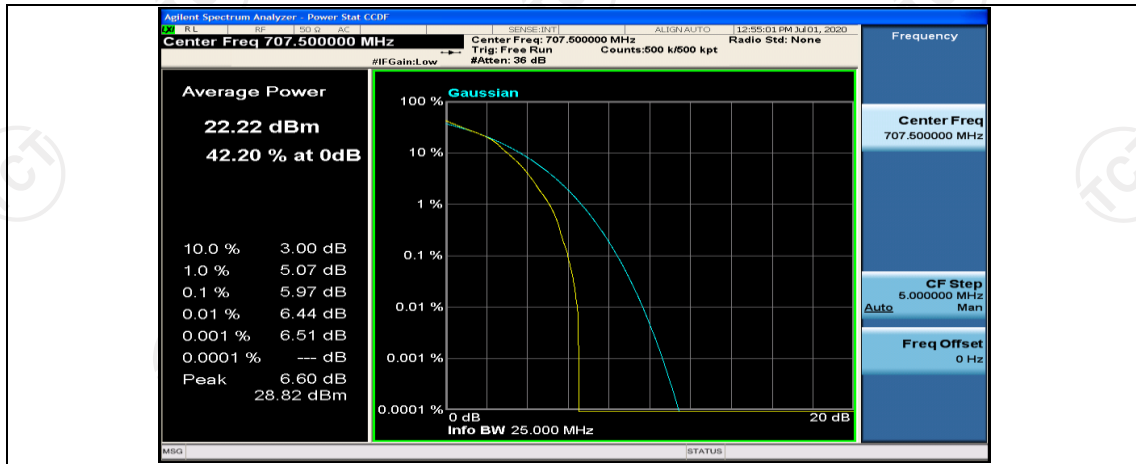


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

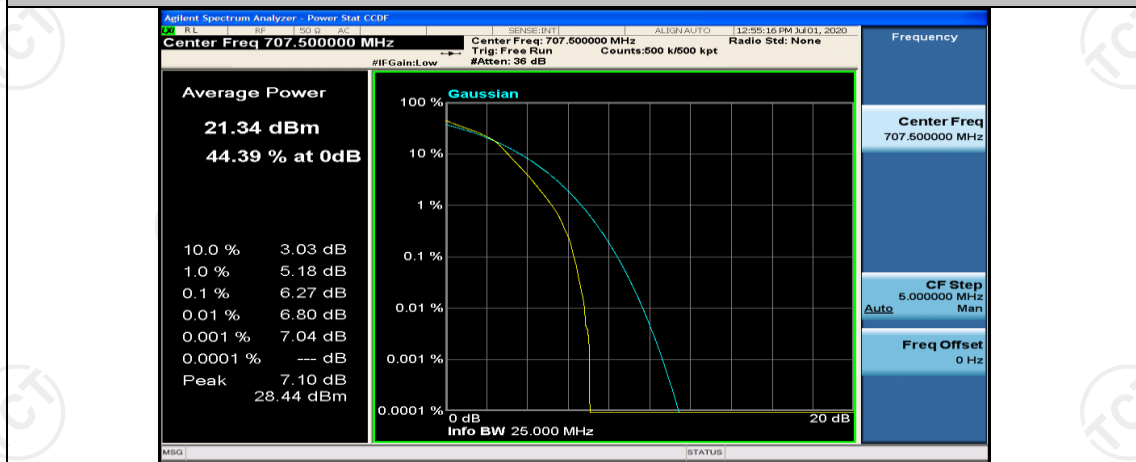


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5

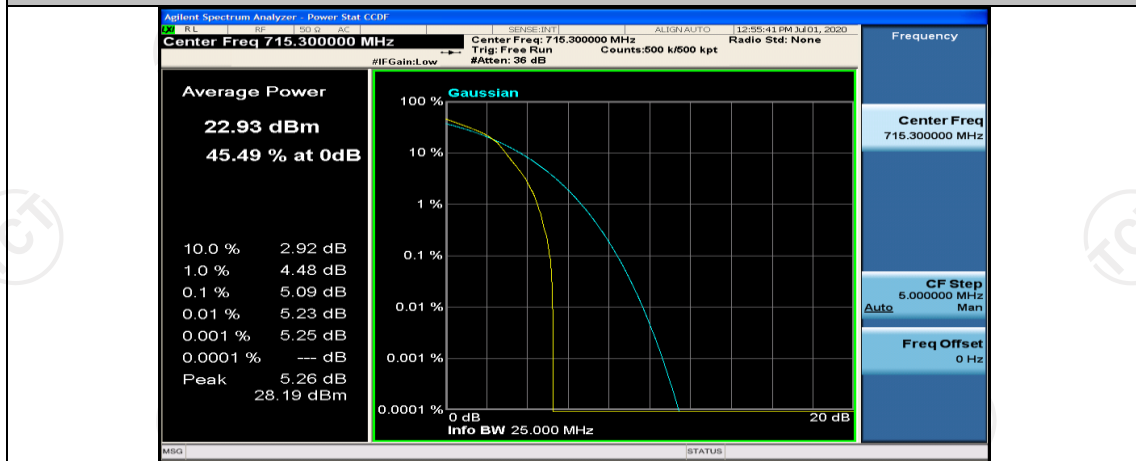




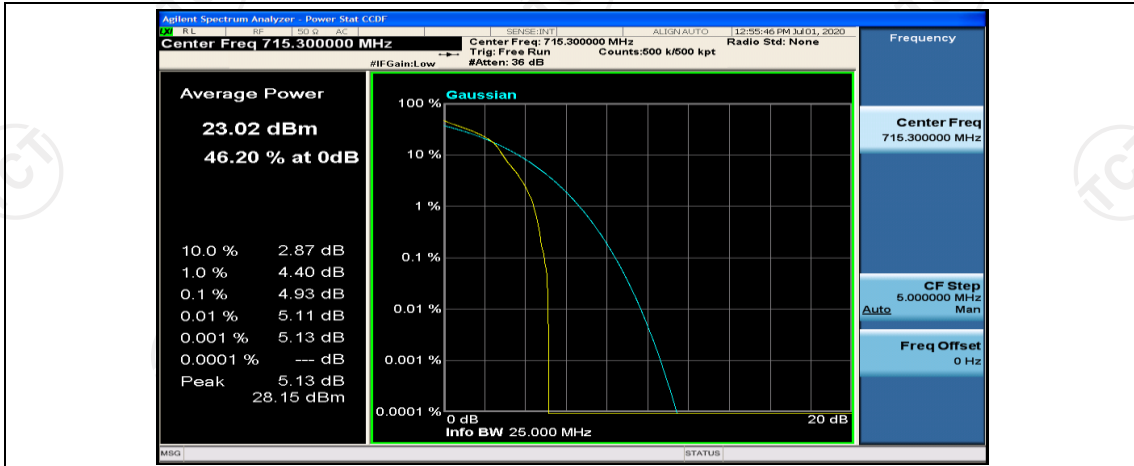
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



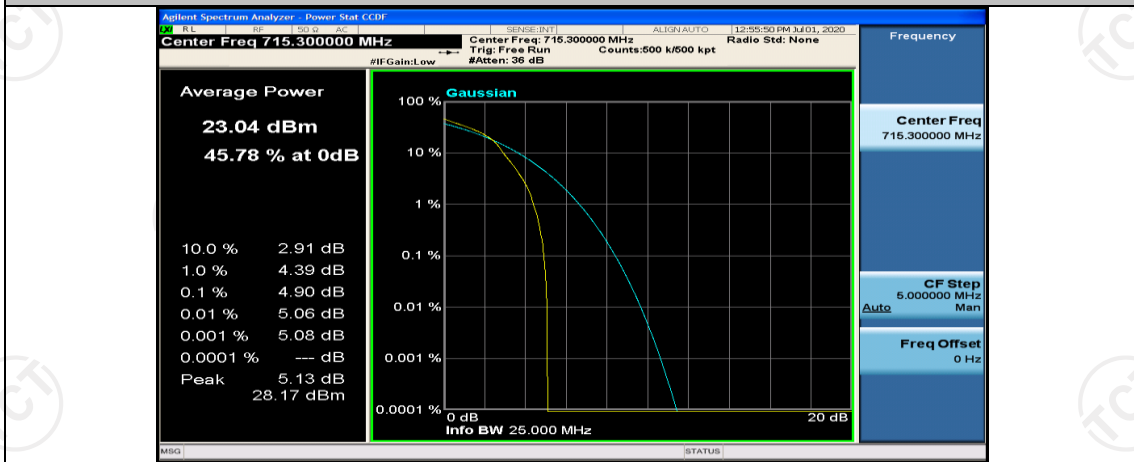
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



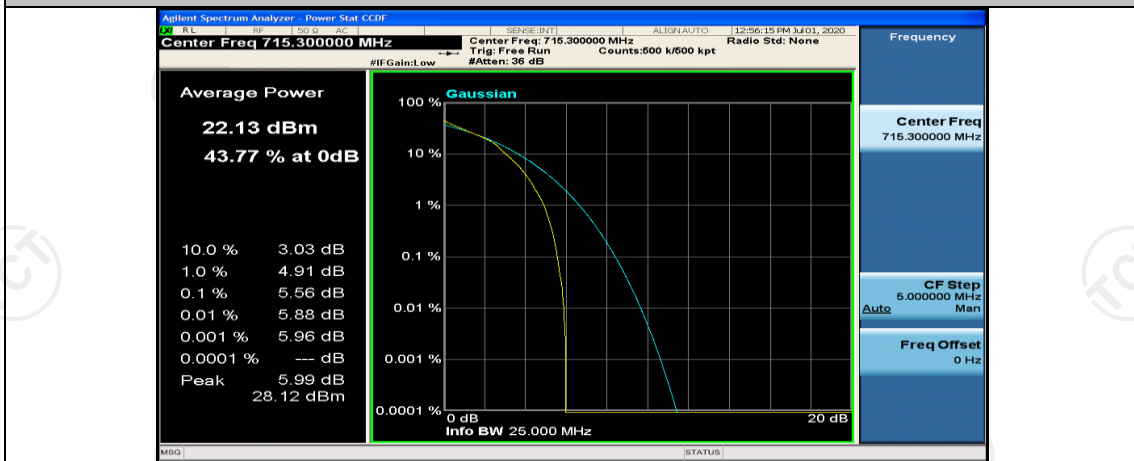
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



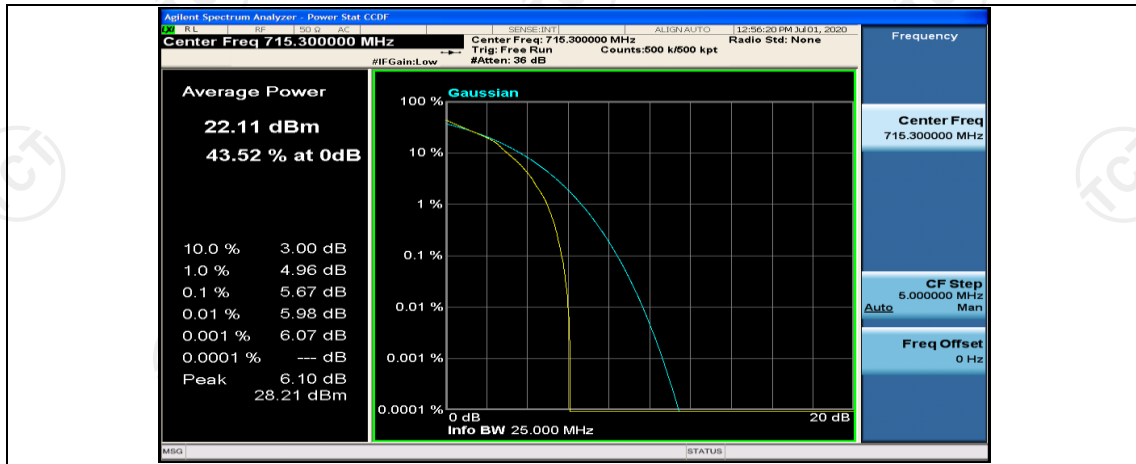
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



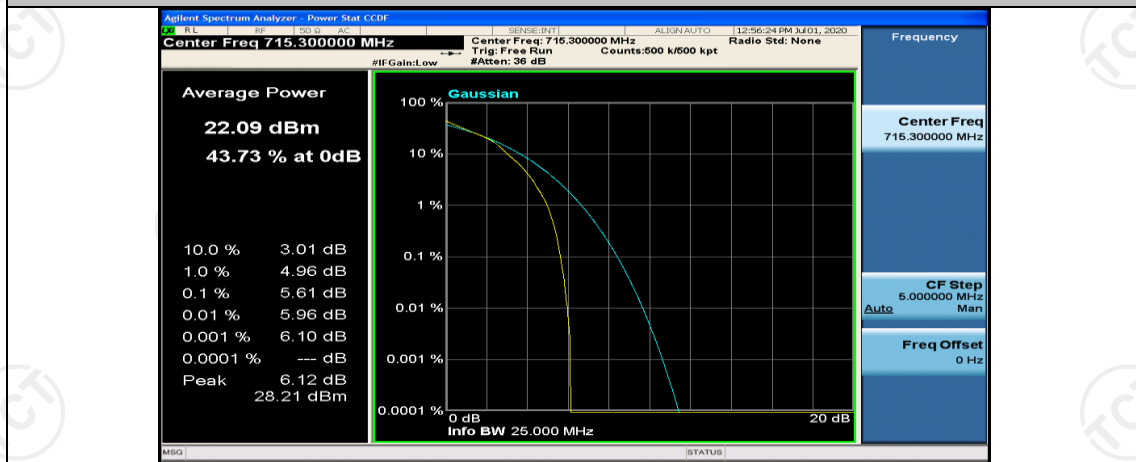
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



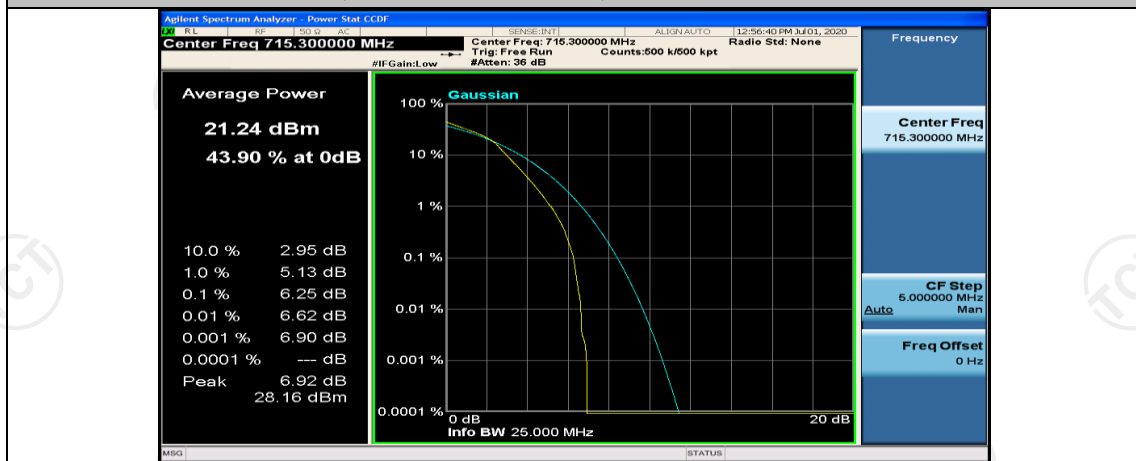
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



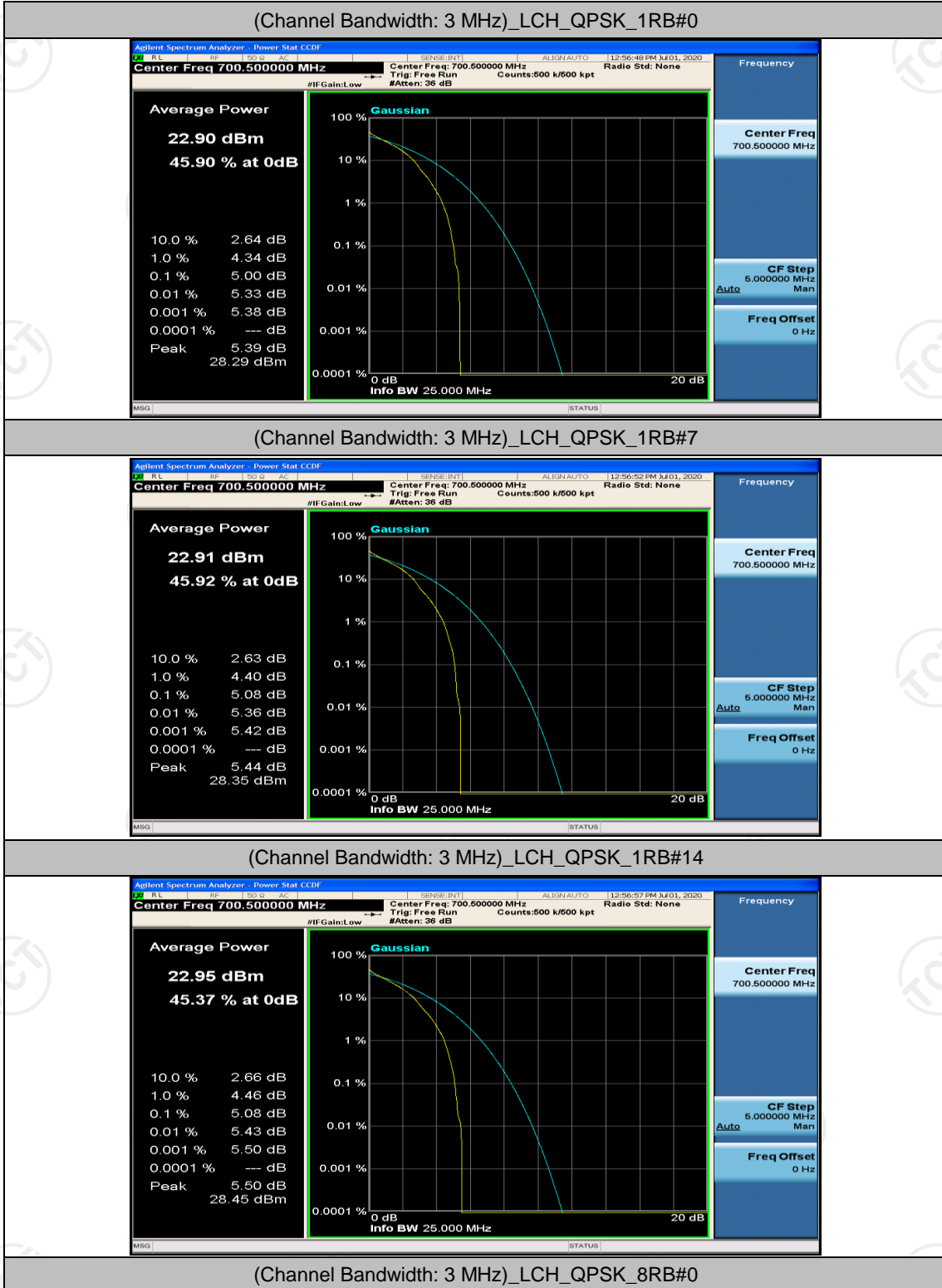
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

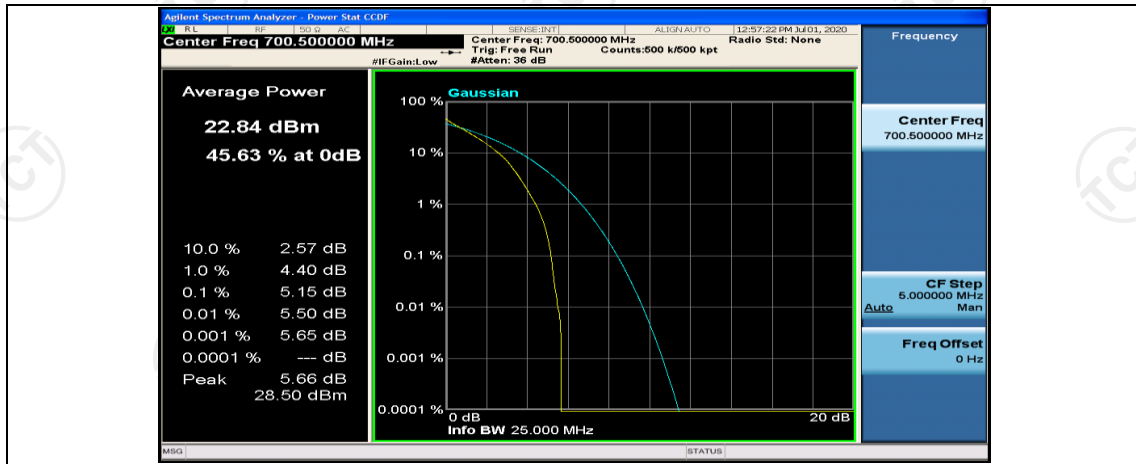


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

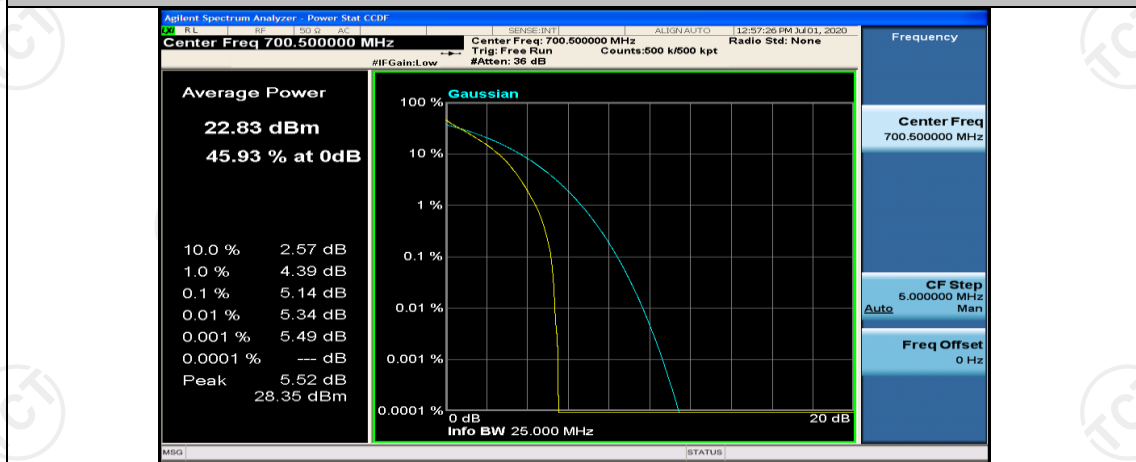


Channel Bandwidth: 3 MHz

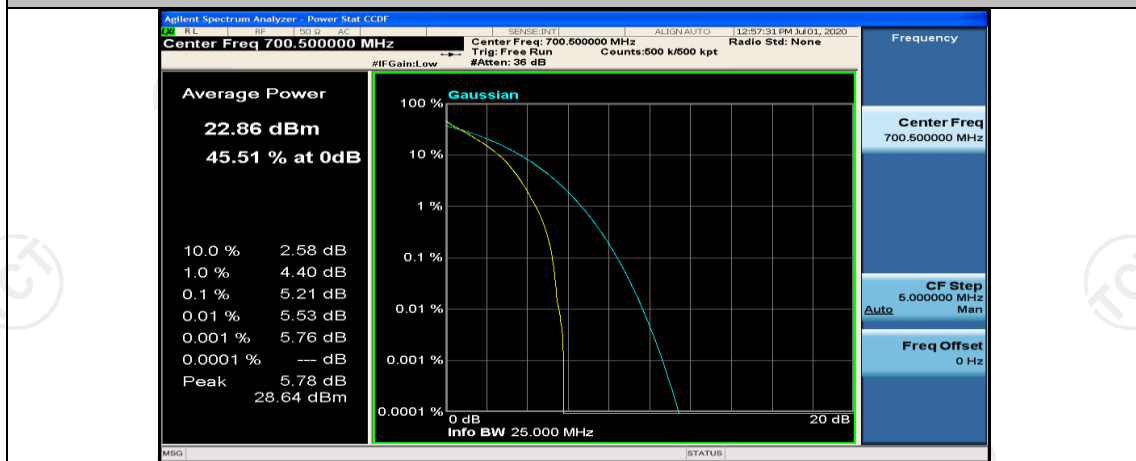




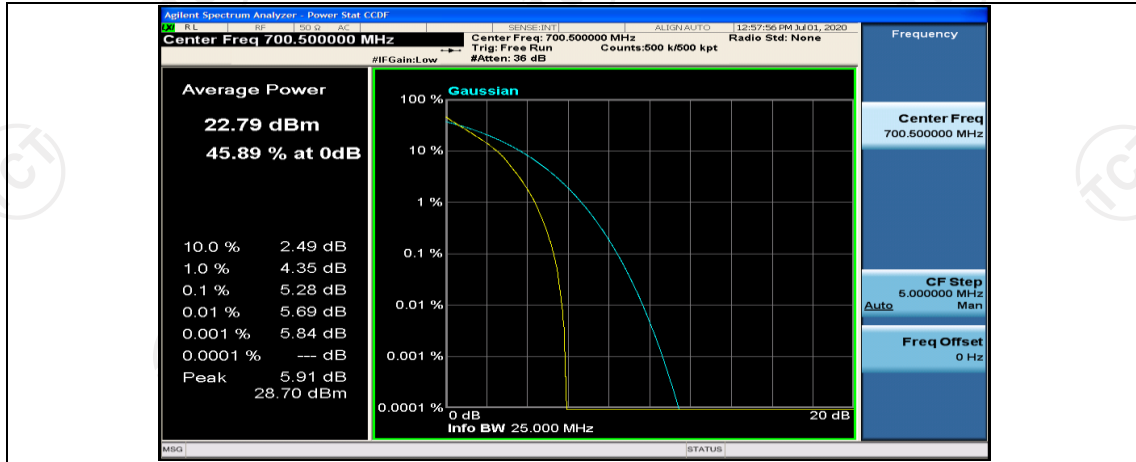
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4



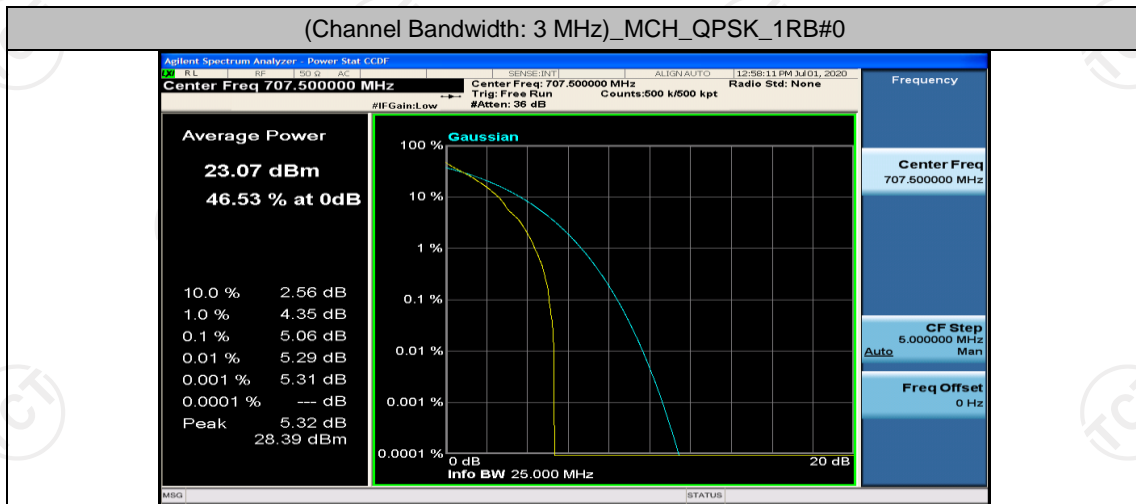
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



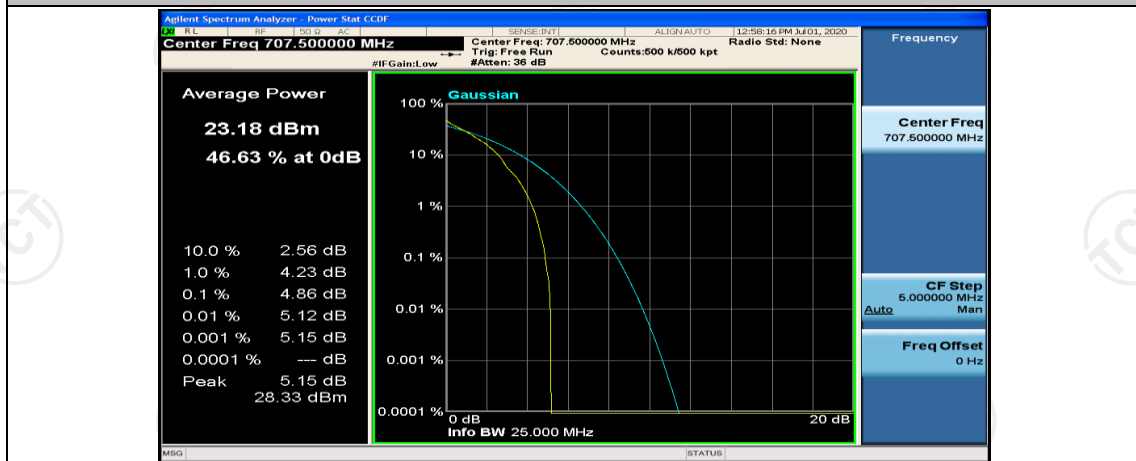
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



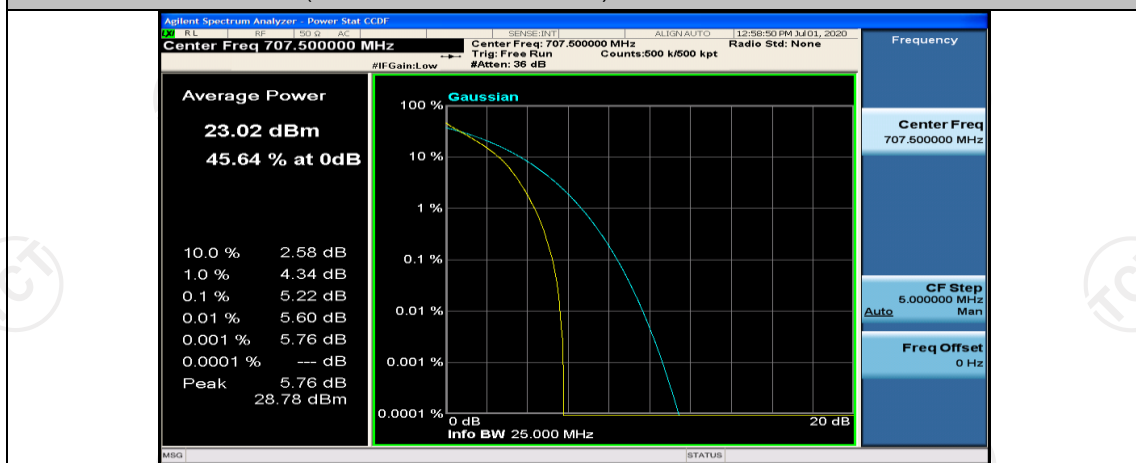
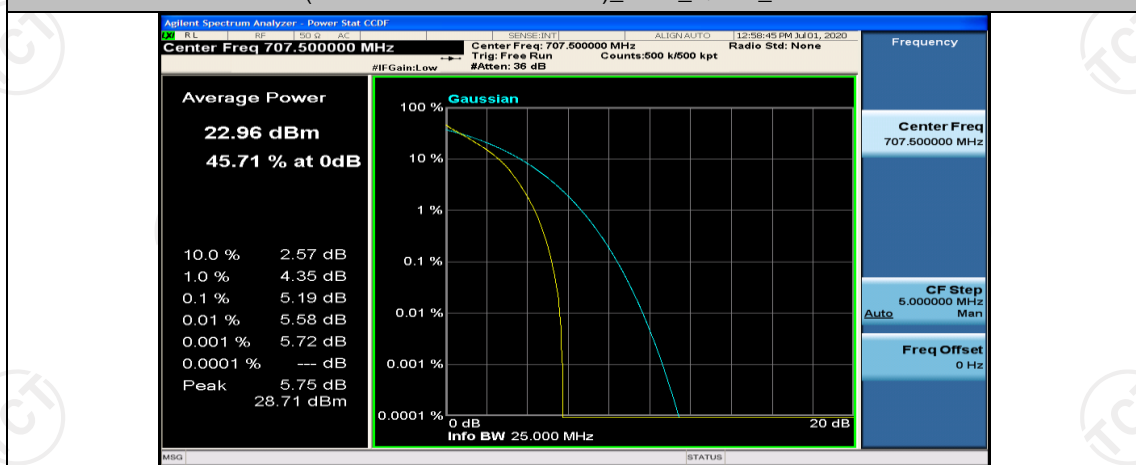
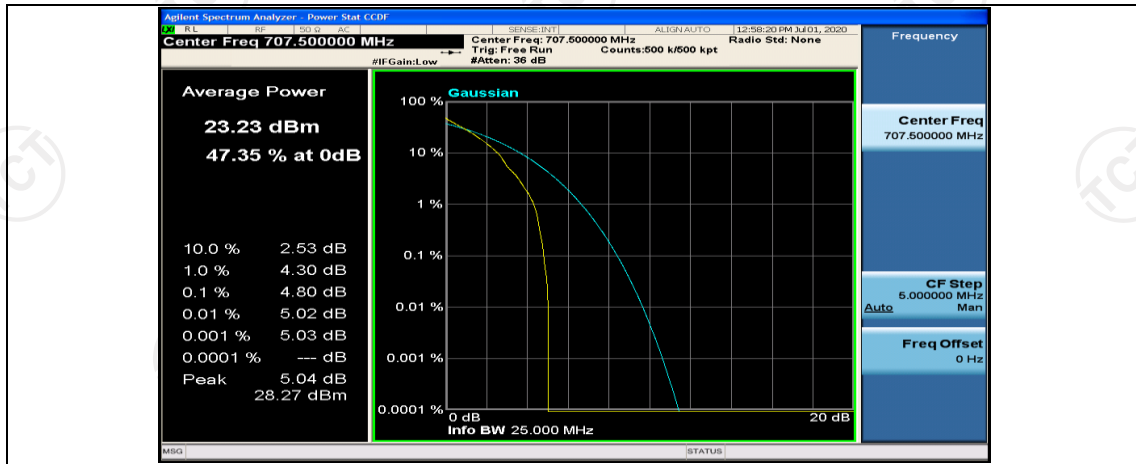
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

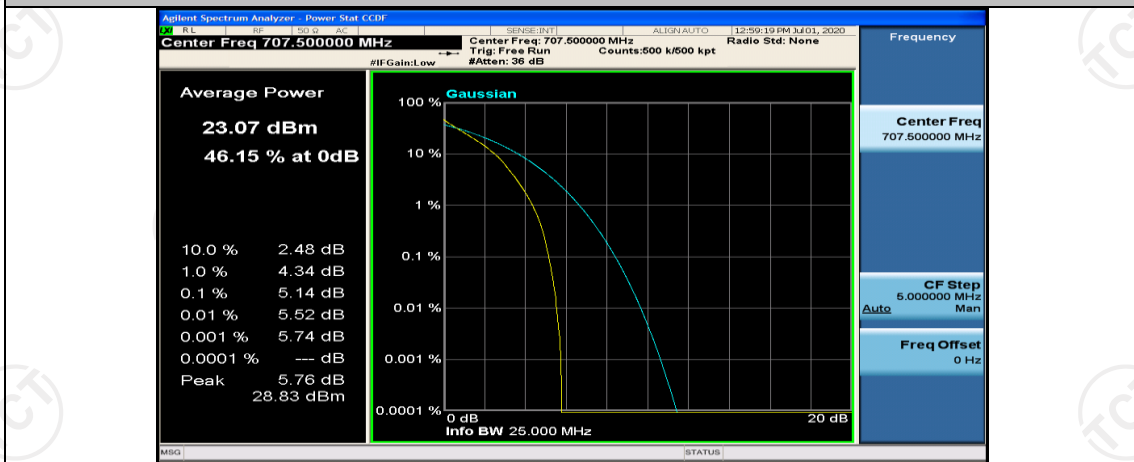


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

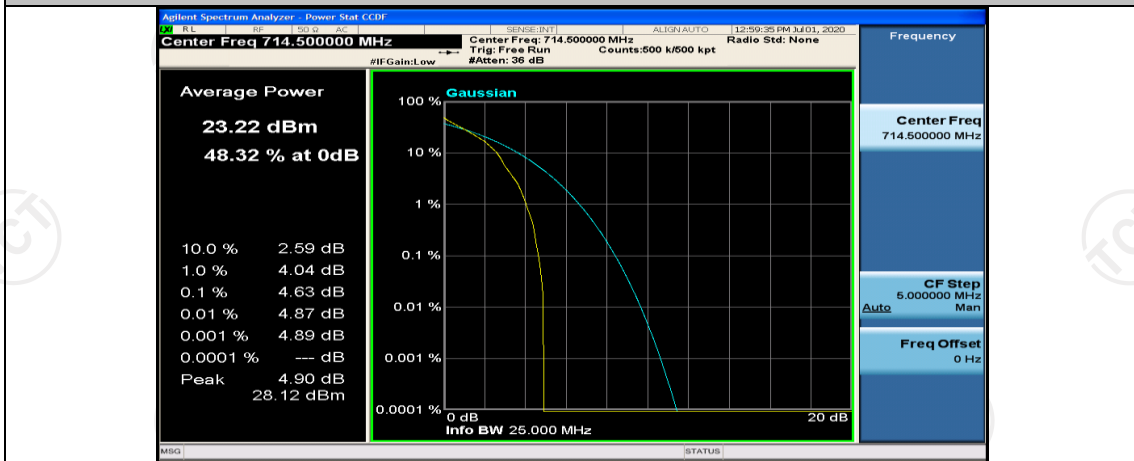




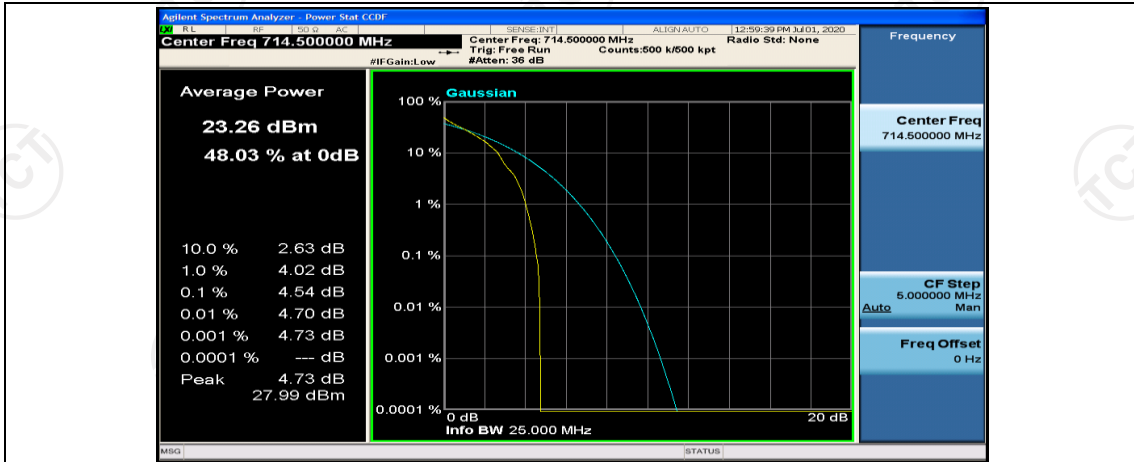
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



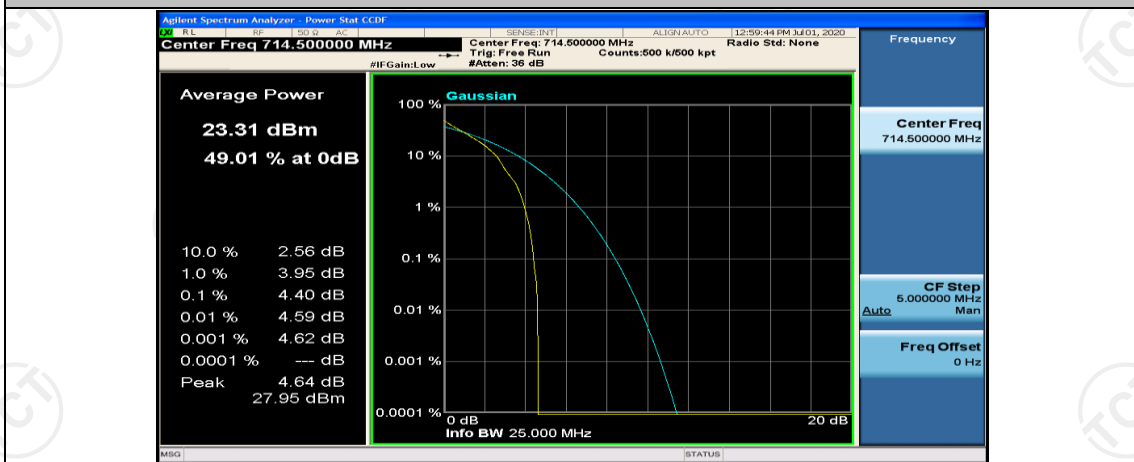
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



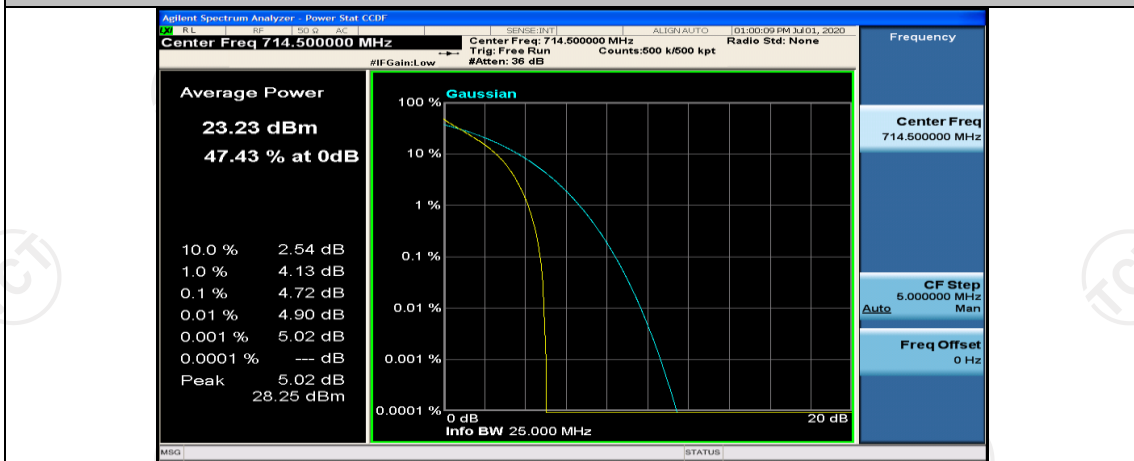
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



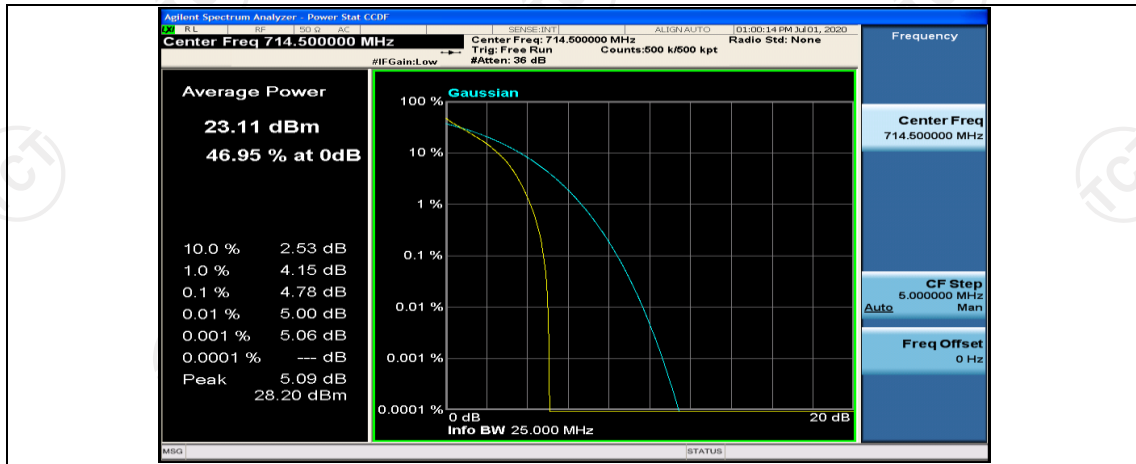
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



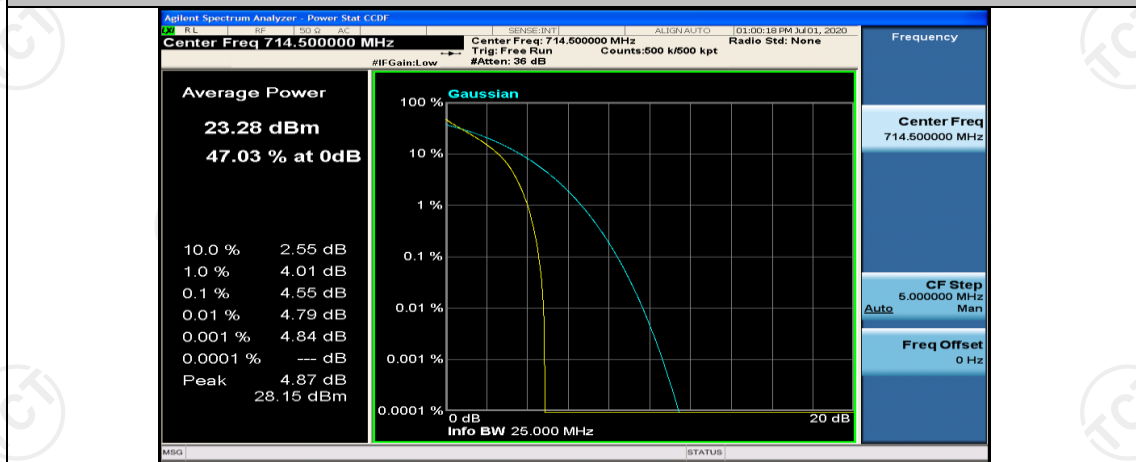
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



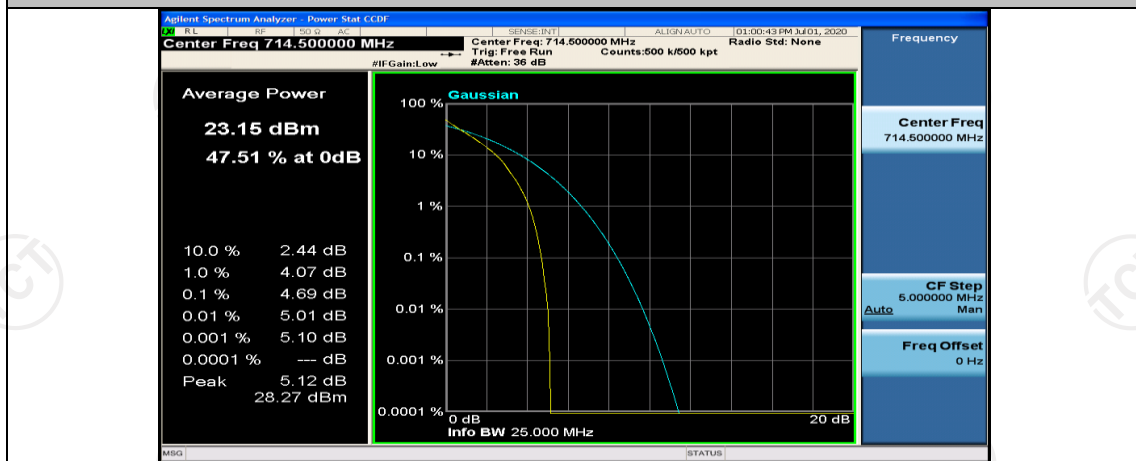
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4



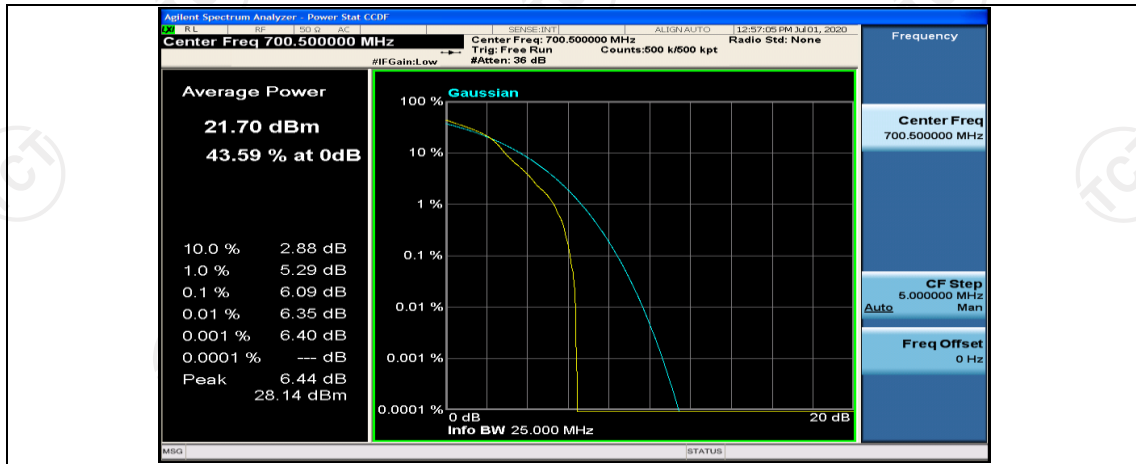
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7



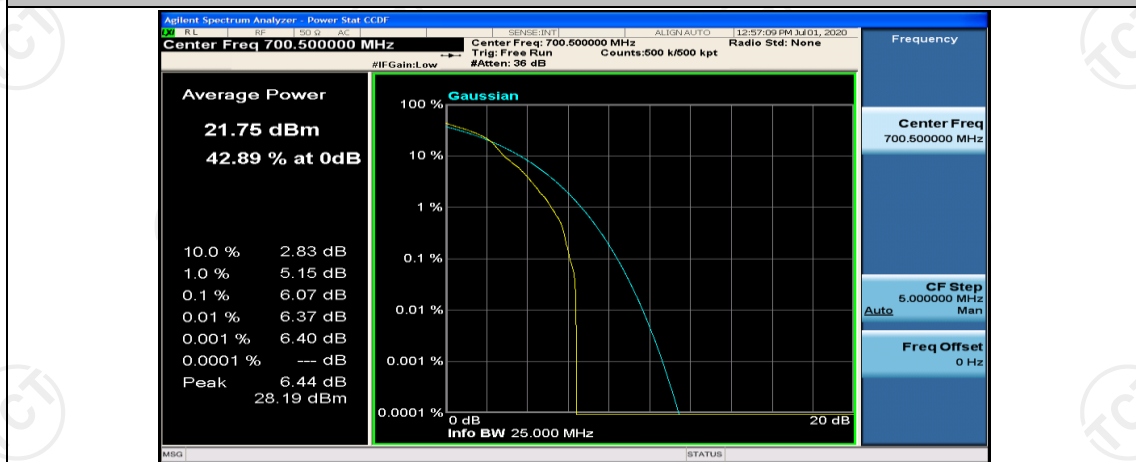
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



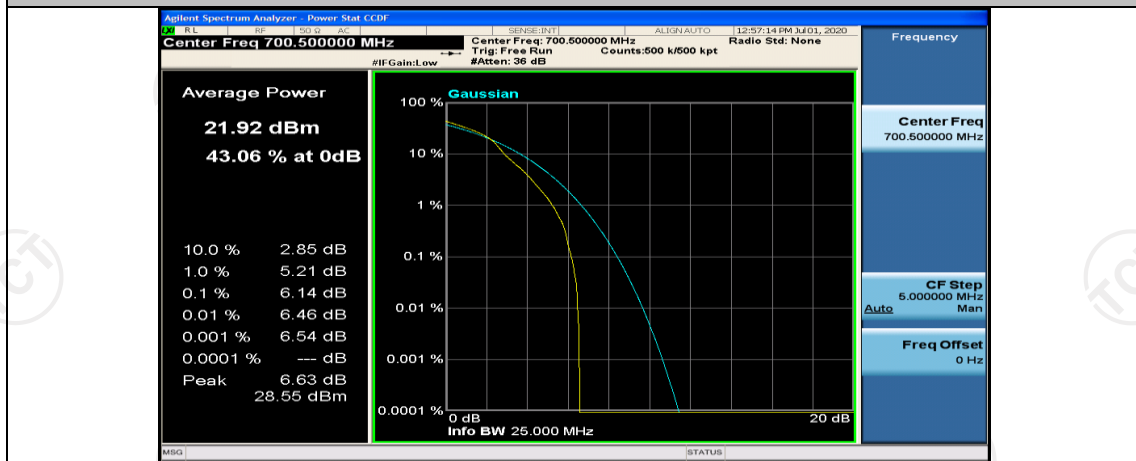
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



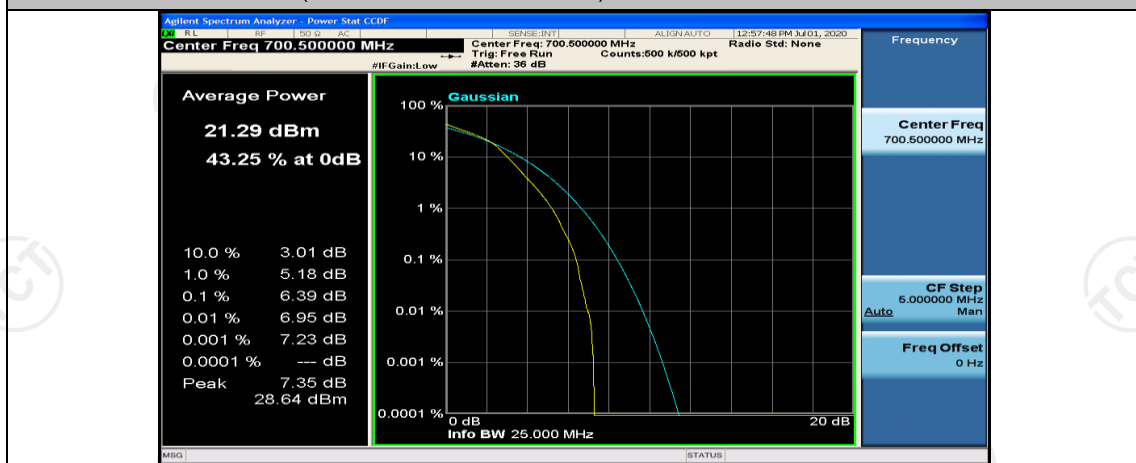
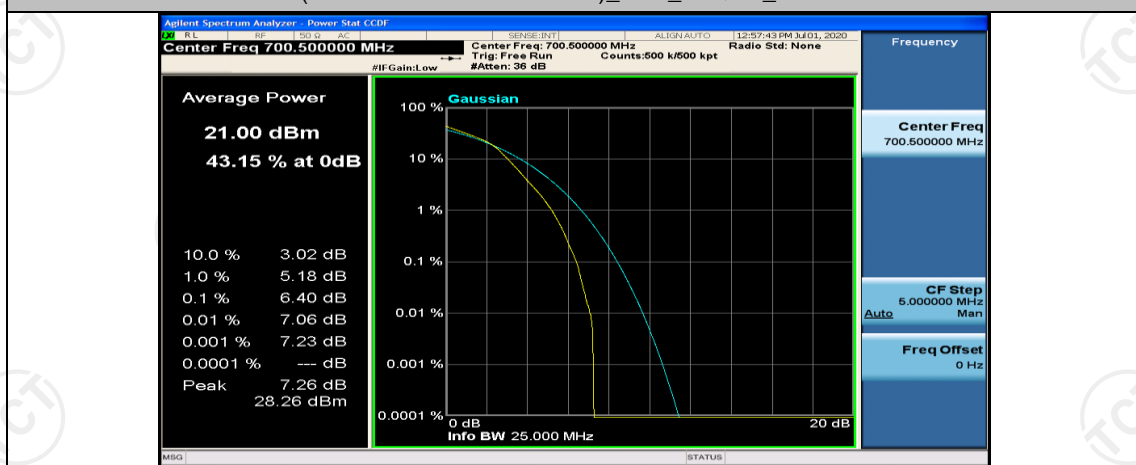
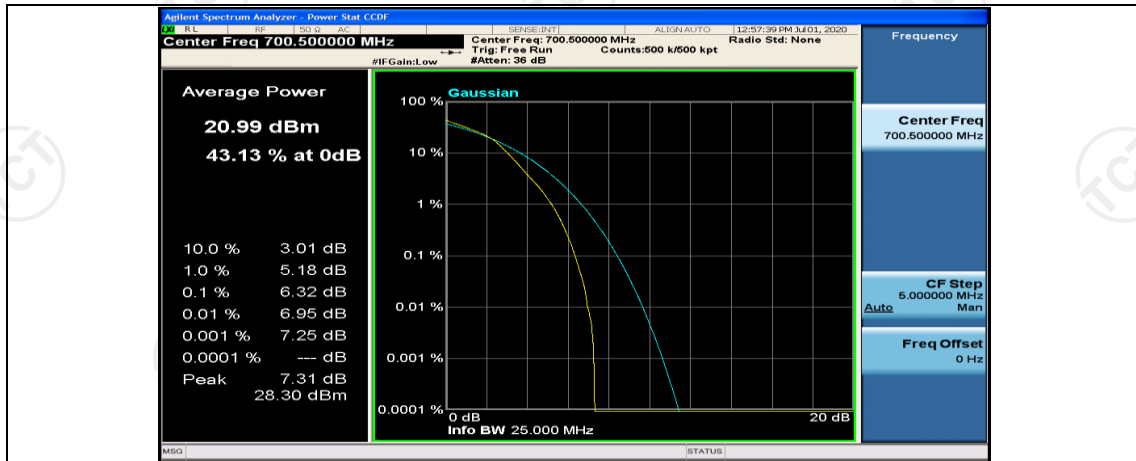
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7

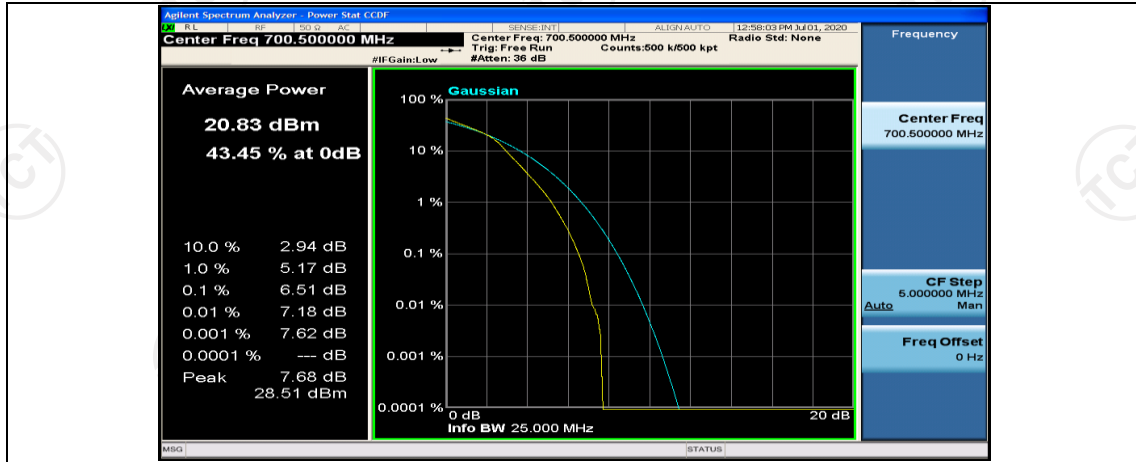


(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14

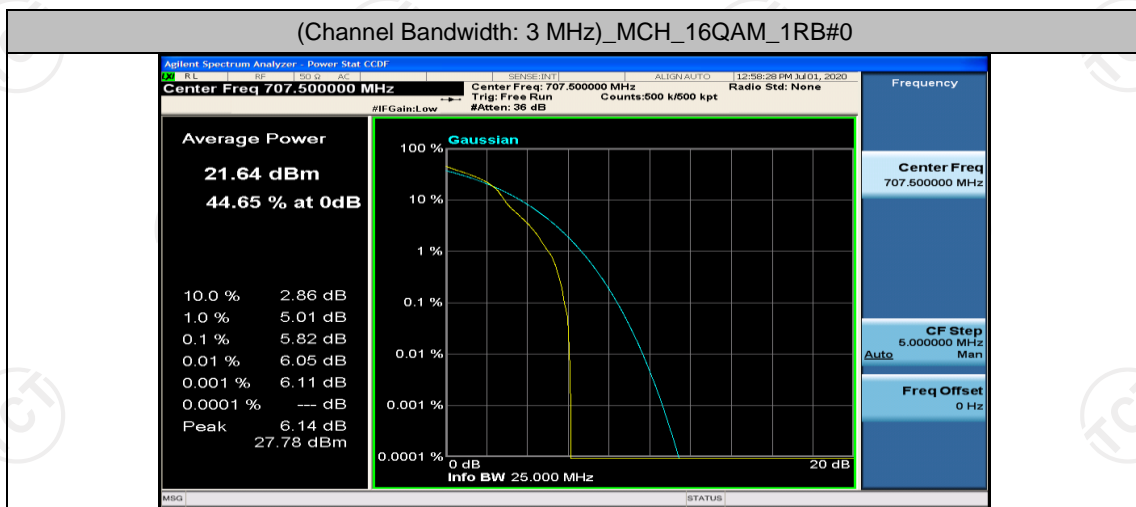


(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0

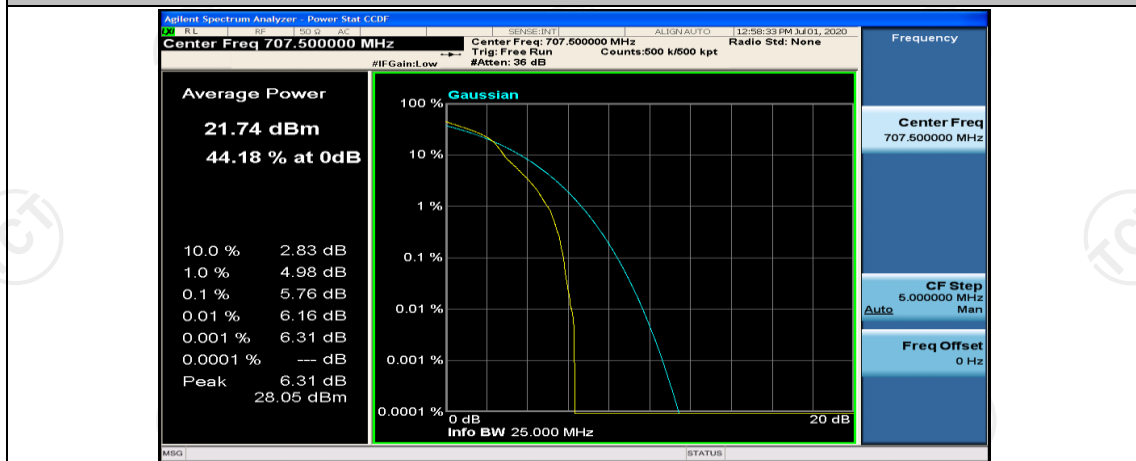




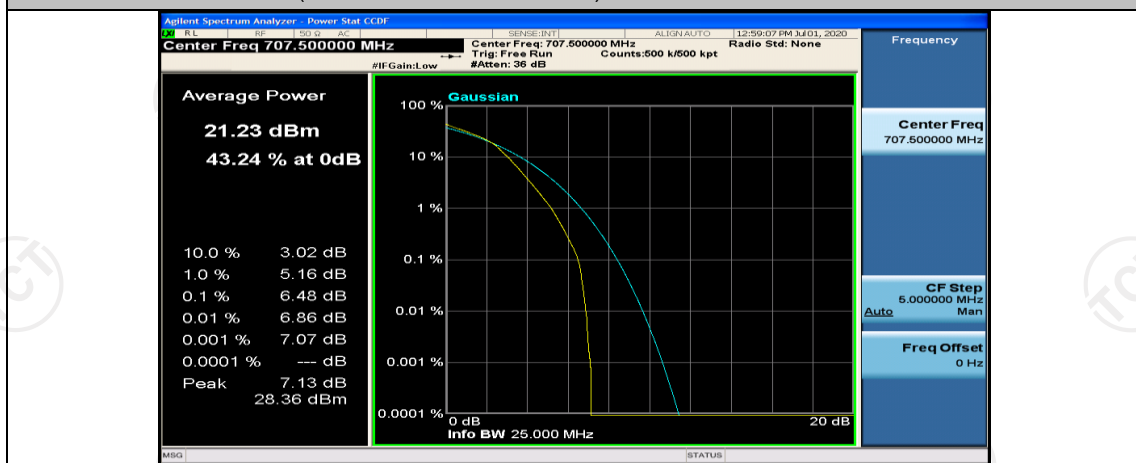
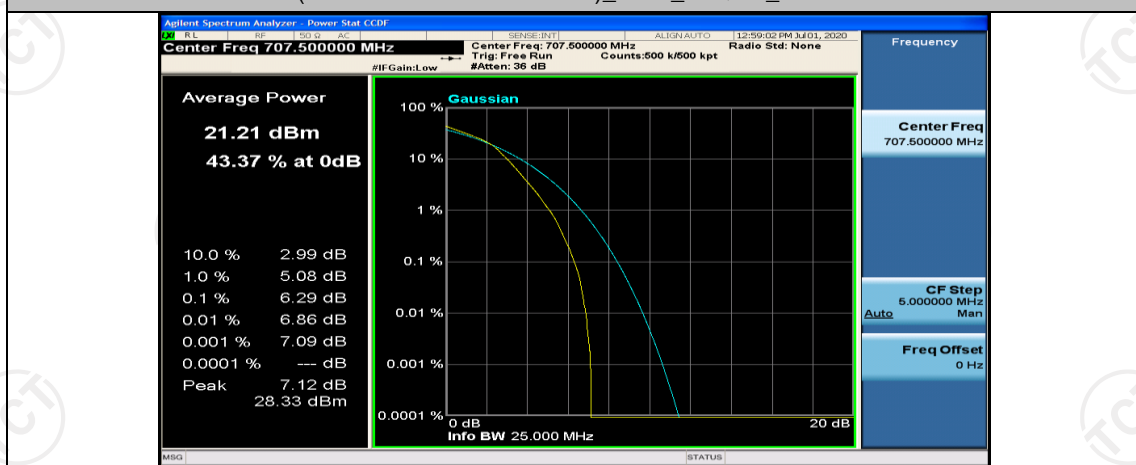
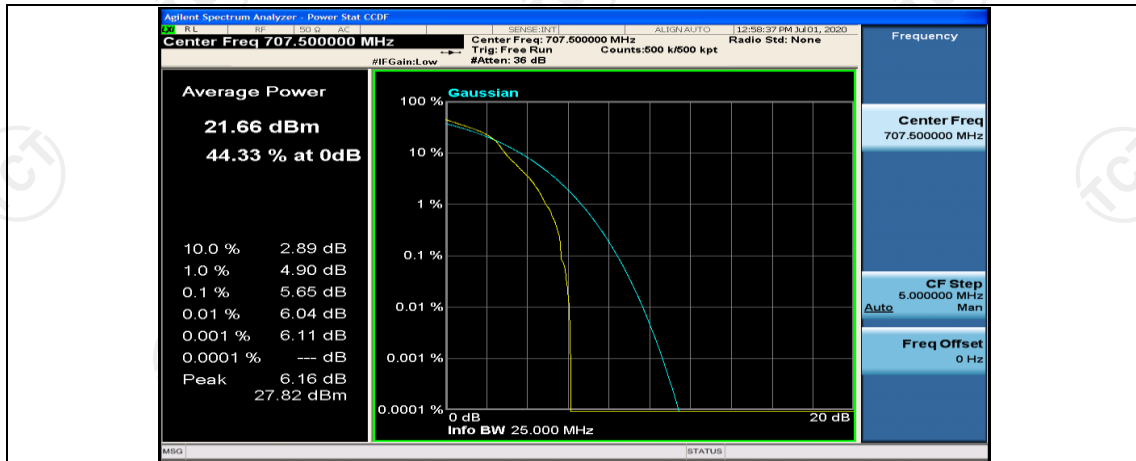
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

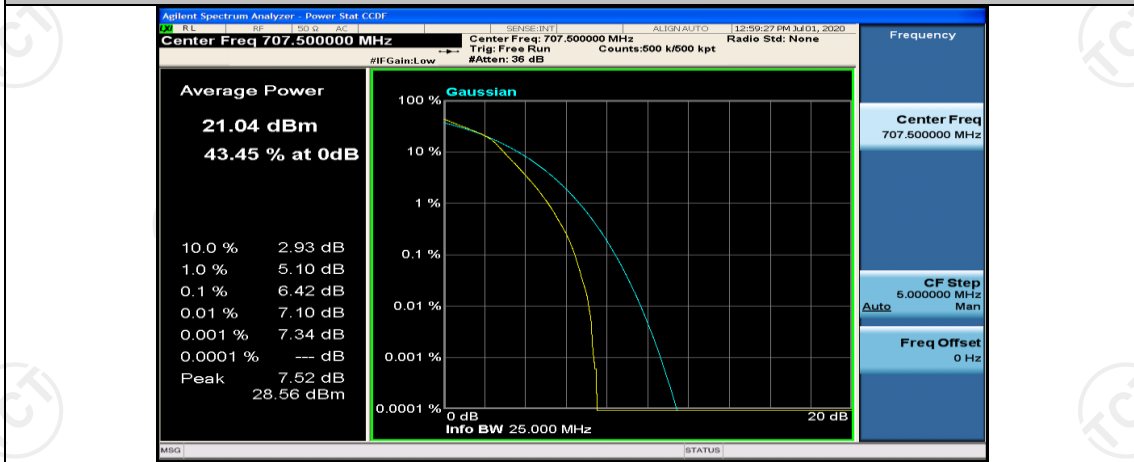


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

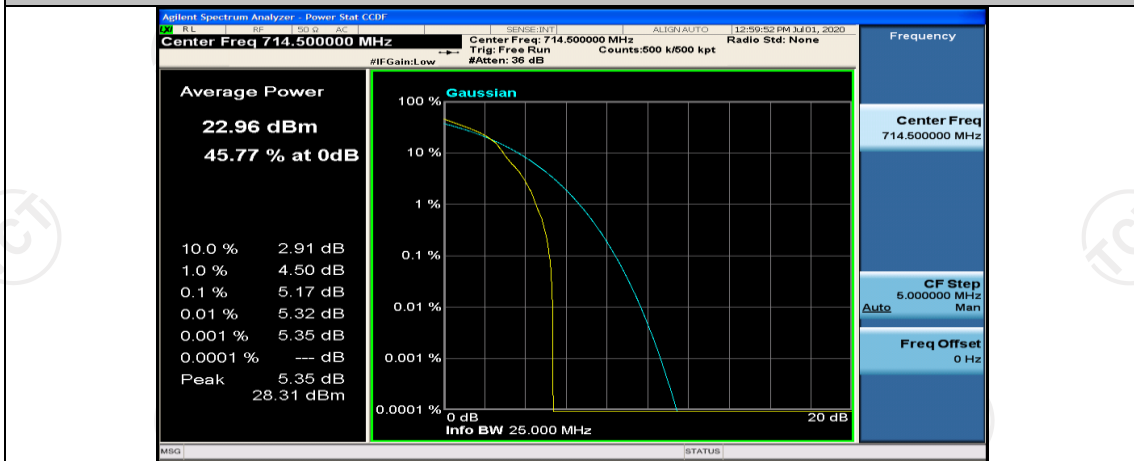




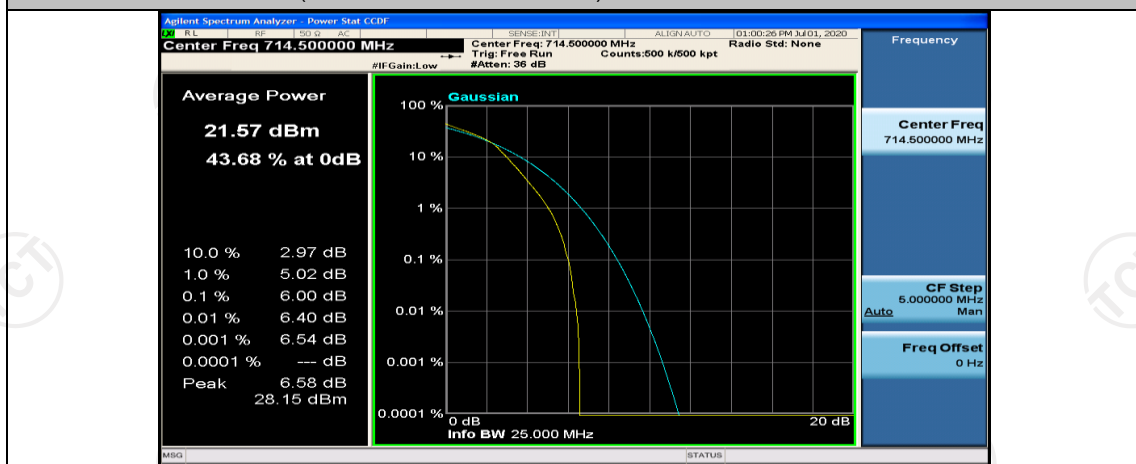
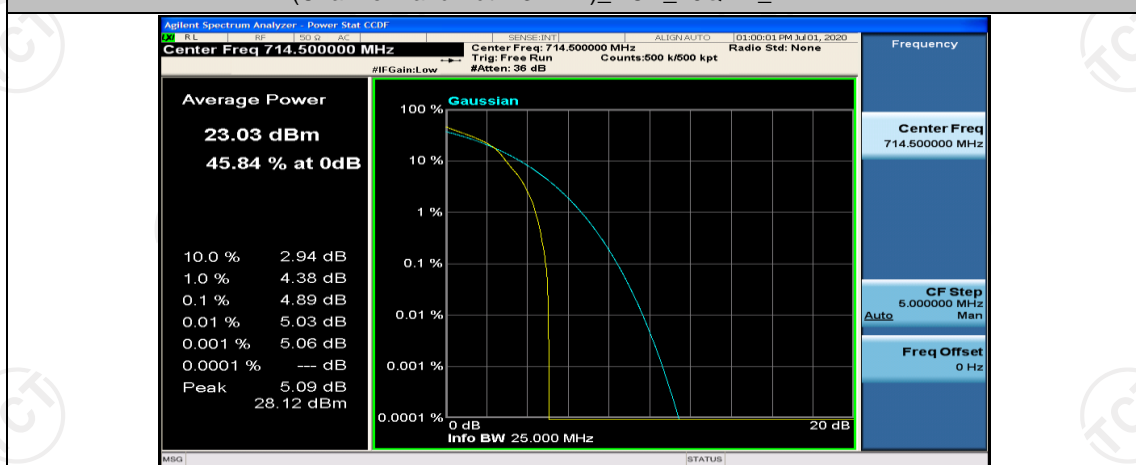
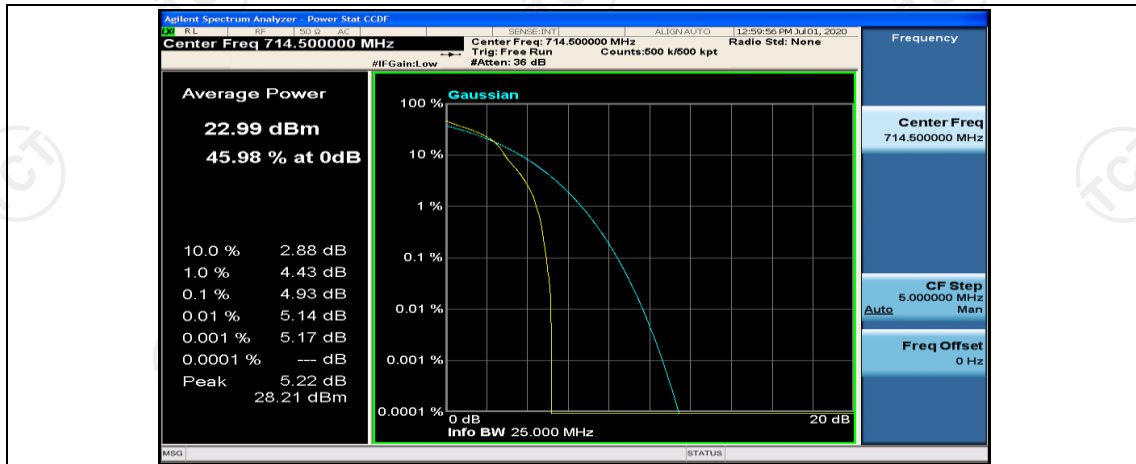
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0

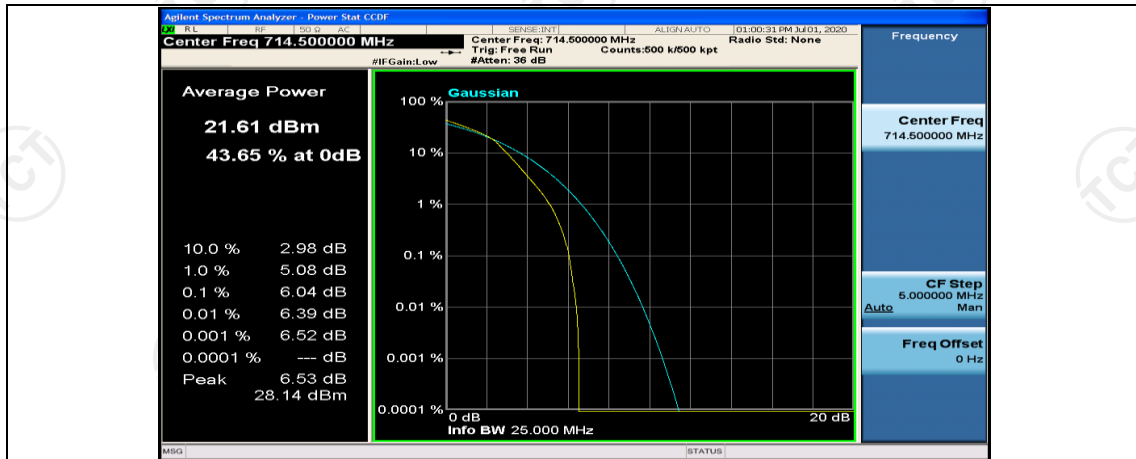


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0

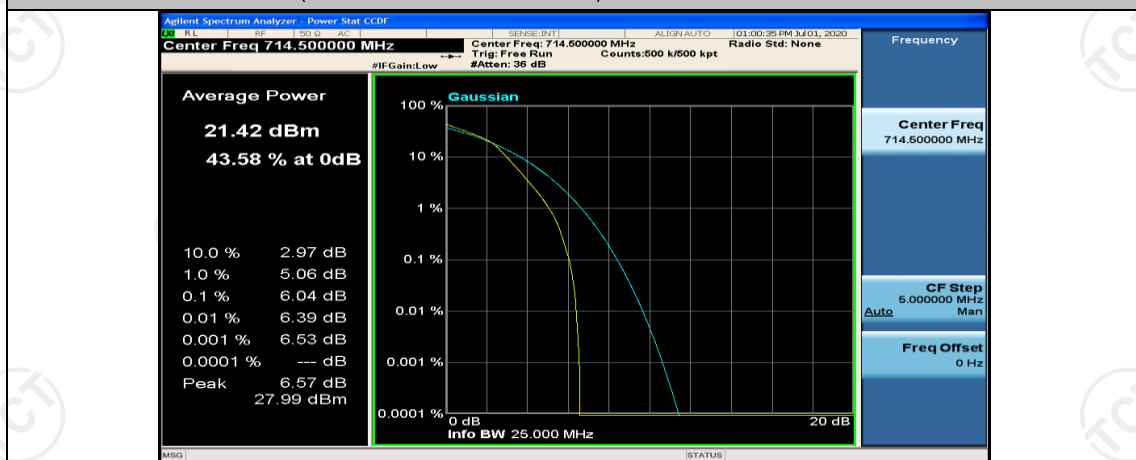


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7

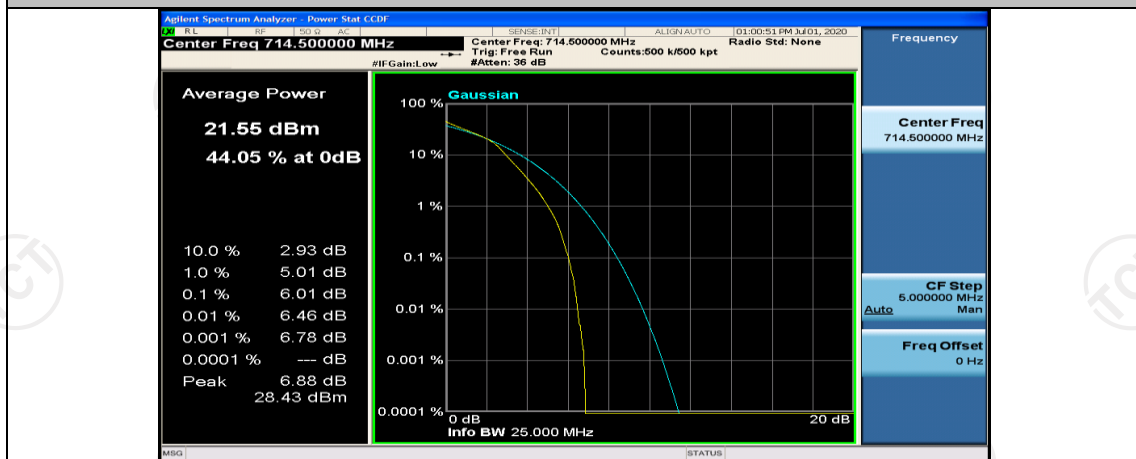




(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7



(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0



Channel Bandwidth: 5 MHz

