

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	15.66	PASS
		1	3	23.13	15.68	PASS
		1	5	23.15	15.70	PASS
		3	0	23.15	15.70	PASS
		3	2	23.07	15.62	PASS
		3	3	23.17	15.72	PASS
		6	0	23.07	15.62	PASS
	MCH	1	0	23.17	15.72	PASS
		1	3	23.10	15.65	PASS
		1	5	23.14	15.69	PASS
		3	0	23.21	15.76	PASS
		3	2	23.20	15.75	PASS
		3	3	23.17	15.72	PASS
		6	0	23.17	15.72	PASS
	HCH	1	0	23.19	15.74	PASS
		1	3	23.20	15.75	PASS
		1	5	23.14	15.69	PASS
		3	0	23.21	15.76	PASS
		3	2	23.21	15.76	PASS
		3	3	23.11	15.66	PASS
		6	0	23.11	15.66	PASS
16QAM	LCH	1	0	21.87	14.42	PASS
		1	3	21.88	14.43	PASS
		1	5	21.88	14.43	PASS
		3	0	22.08	14.63	PASS
		3	2	21.99	14.54	PASS
		3	3	21.99	14.54	PASS
		6	0	21.26	13.81	PASS
	MCH	1	0	22.68	15.23	PASS
		1	3	22.69	15.24	PASS
		1	5	22.67	15.22	PASS
		3	0	21.95	14.50	PASS

		3	2	21.94	14.49	PASS
		3	3	21.87	14.42	PASS
		6	0	21.14	13.69	PASS
	HCH	1	0	22.81	15.36	PASS
		1	3	22.86	15.41	PASS
		1	5	22.81	15.36	PASS
		3	0	21.91	14.46	PASS
		3	2	21.94	14.49	PASS
		3	3	21.93	14.48	PASS
6	0	21.32	13.87	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	15.72	PASS
		1	7	23.14	15.69	PASS
		1	14	23.21	15.76	PASS
		8	0	23.12	15.67	PASS
		8	4	23.12	15.67	PASS
		8	7	23.26	15.81	PASS
		15	0	23.13	15.68	PASS
	MCH	1	0	23.18	15.73	PASS
		1	7	23.21	15.76	PASS
		1	14	23.17	15.72	PASS
		8	0	23.03	15.58	PASS
		8	4	23.02	15.57	PASS
		8	7	23.10	15.65	PASS
		15	0	23.15	15.70	PASS
	HCH	1	0	23.19	15.74	PASS
		1	7	23.21	15.76	PASS
		1	14	23.17	15.72	PASS
		8	0	23.10	15.65	PASS
		8	4	23.10	15.65	PASS
		8	7	23.21	15.76	PASS
		15	0	23.21	15.76	PASS
16QAM	LCH	1	0	22.03	14.58	PASS
		1	7	22.00	14.55	PASS
		1	14	22.25	14.80	PASS
		8	0	21.28	13.83	PASS

		8	4	21.22	13.77	PASS
		8	7	21.52	14.07	PASS
		15	0	21.10	13.65	PASS
	MCH	1	0	21.90	14.45	PASS
		1	7	21.89	14.44	PASS
		1	14	21.85	14.40	PASS
		8	0	21.31	13.86	PASS
		8	4	21.34	13.89	PASS
		8	7	21.34	13.89	PASS
		15	0	21.11	13.66	PASS
	HCH	1	0	22.98	15.53	PASS
		1	7	22.86	15.41	PASS
		1	14	22.94	15.49	PASS
		8	0	21.55	14.10	PASS
		8	4	21.57	14.12	PASS
8		7	21.29	13.84	PASS	
15		0	21.46	14.01	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	15.66	PASS
		1	12	23.23	15.78	PASS
		1	24	23.19	15.74	PASS
		12	0	23.09	15.64	PASS
		12	6	23.08	15.63	PASS
		12	13	23.18	15.73	PASS
		25	0	23.15	15.70	PASS
	MCH	1	0	23.10	15.65	PASS
		1	12	23.08	15.63	PASS
		1	24	23.09	15.64	PASS
		12	0	23.18	15.73	PASS
		12	6	23.16	15.71	PASS
		12	13	23.14	15.69	PASS
		25	0	23.11	15.66	PASS
	HCH	1	0	23.25	15.80	PASS
		1	12	23.28	15.83	PASS
		1	24	23.35	15.90	PASS
		12	0	23.08	15.63	PASS

16QAM		12	6	23.08	15.63	PASS
		12	13	23.11	15.66	PASS
		25	0	23.09	15.64	PASS
	LCH	1	0	21.58	14.13	PASS
		1	12	21.68	14.23	PASS
		1	24	21.43	13.98	PASS
		12	0	21.05	13.60	PASS
		12	6	21.09	13.64	PASS
		12	13	21.32	13.87	PASS
		25	0	21.43	13.98	PASS
		MCH	1	0	21.96	14.51
	1		12	21.95	14.50	PASS
	1		24	22.08	14.63	PASS
	12		0	21.18	13.73	PASS
	12		6	21.21	13.76	PASS
	12		13	21.03	13.58	PASS
	25		0	21.12	13.67	PASS
	HCH	1	0	22.19	14.74	PASS
		1	12	22.17	14.72	PASS
		1	24	22.19	14.74	PASS
		12	0	21.18	13.73	PASS
		12	6	21.05	13.60	PASS
		12	13	21.40	13.95	PASS
		25	0	21.43	13.98	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	15.54	PASS
		1	24	23.08	15.63	PASS
		1	49	23.05	15.60	PASS
		25	0	23.17	15.72	PASS
		25	12	23.16	15.71	PASS
		25	25	23.20	15.75	PASS
		50	0	23.12	15.67	PASS
	MCH	1	0	23.21	15.76	PASS
		1	24	23.13	15.68	PASS
		1	49	23.20	15.75	PASS
		25	0	23.11	15.66	PASS

		25	12	23.09	15.64	PASS
		25	25	23.22	15.77	PASS
		50	0	23.11	15.66	PASS
	HCH	1	0	23.13	15.68	PASS
		1	24	23.10	15.65	PASS
		1	49	23.17	15.72	PASS
		25	0	23.10	15.65	PASS
		25	12	23.09	15.64	PASS
		25	25	23.12	15.67	PASS
		50	0	23.13	15.68	PASS
16QAM	LCH	1	0	22.08	14.63	PASS
		1	24	22.01	14.56	PASS
		1	49	22.09	14.64	PASS
		25	0	21.25	13.80	PASS
		25	12	21.27	13.82	PASS
		25	25	21.23	13.78	PASS
		50	0	21.24	13.79	PASS
	MCH	1	0	22.05	14.60	PASS
		1	24	21.92	14.47	PASS
		1	49	22.00	14.55	PASS
		25	0	21.38	13.93	PASS
		25	12	21.36	13.91	PASS
		25	25	21.41	13.96	PASS
		50	0	21.24	13.79	PASS
	HCH	1	0	22.09	14.64	PASS
		1	24	22.22	14.77	PASS
		1	49	22.11	14.66	PASS
		25	0	21.31	13.86	PASS
		25	12	21.26	13.81	PASS
		25	25	21.59	14.14	PASS
		50	0	21.25	13.80	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

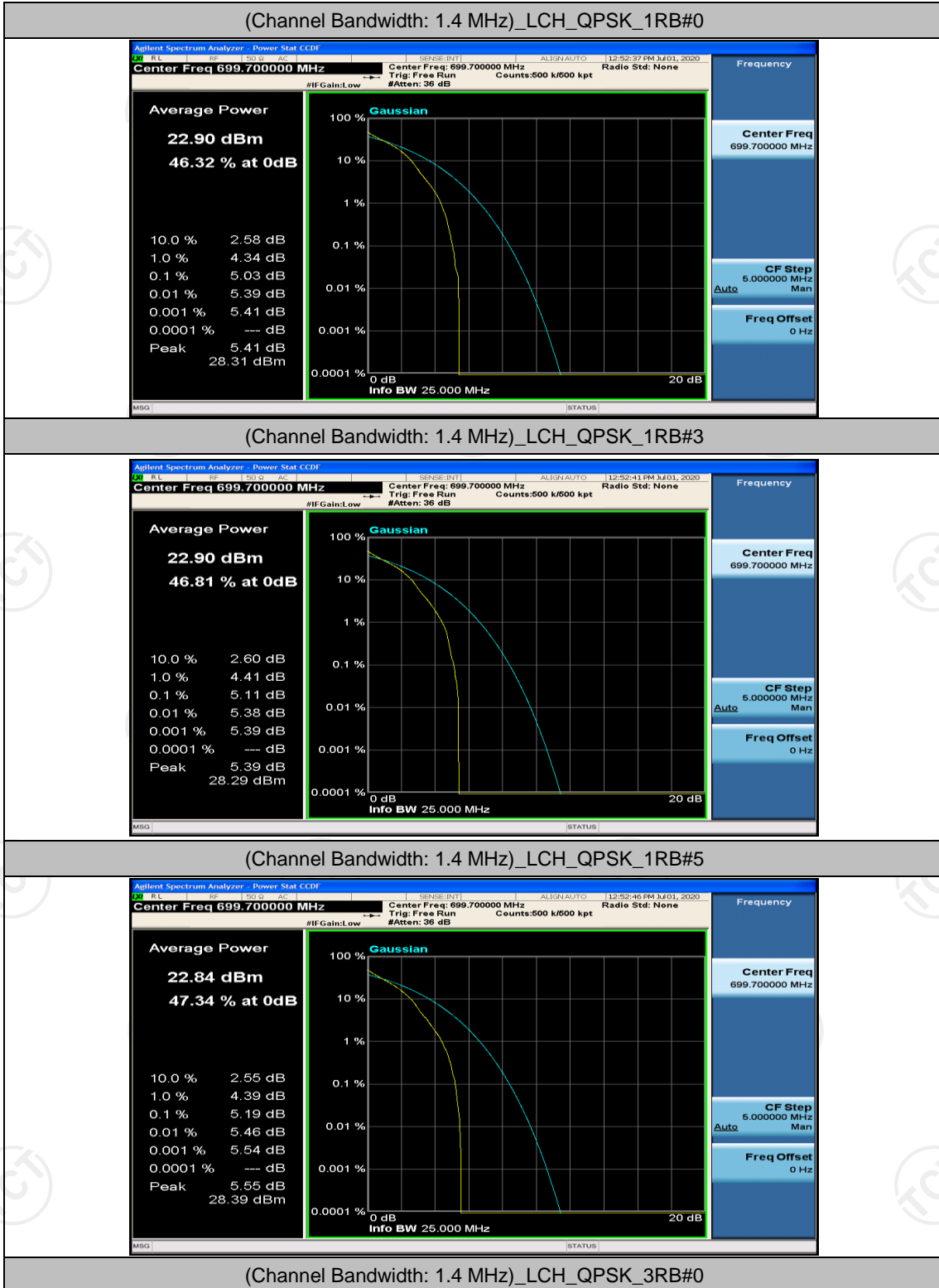
Channel Bandwidth: 10 MHz

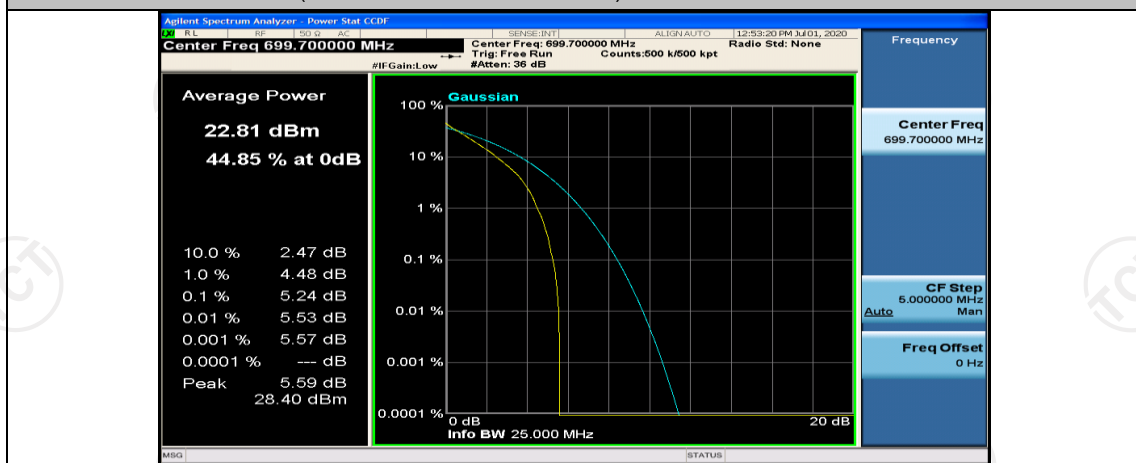
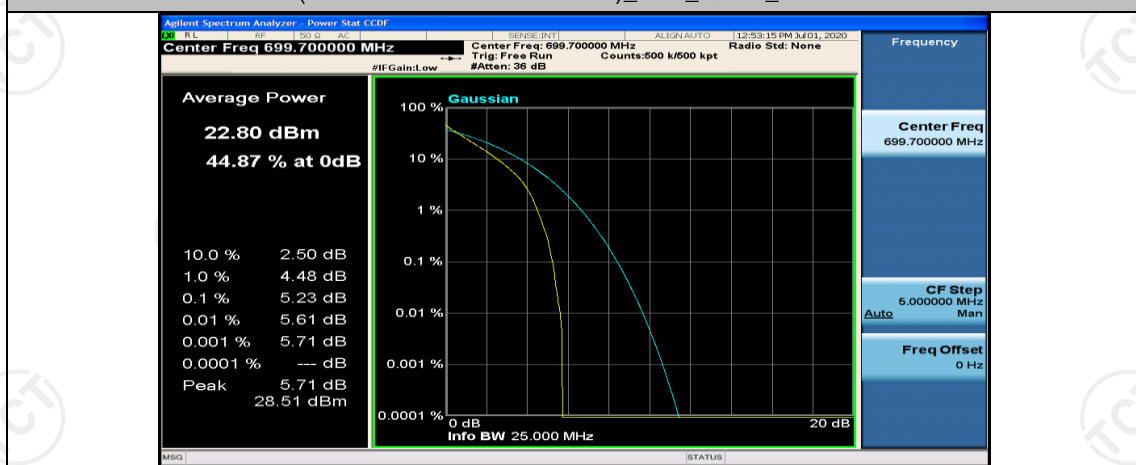
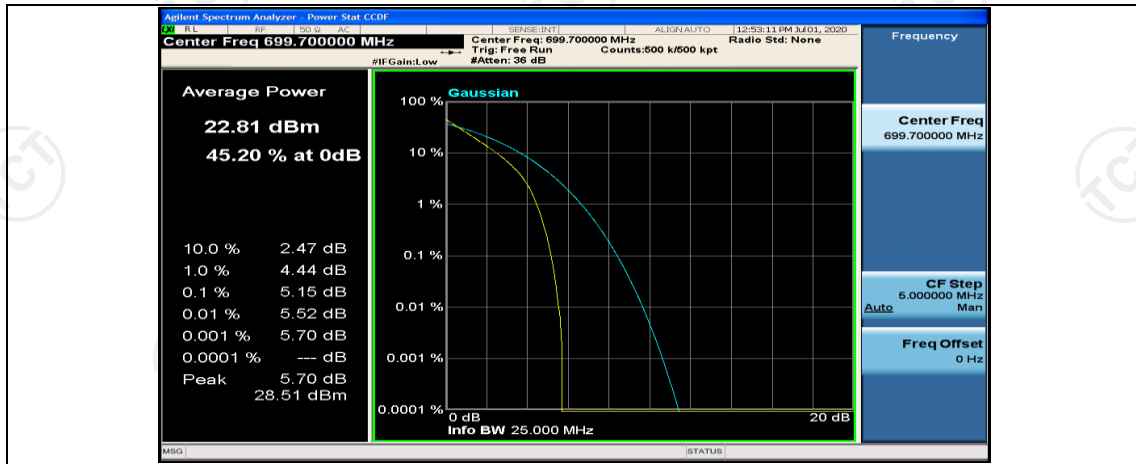
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.88	<13	PASS
		1	24	5.2	<13	PASS
		1	49	4.92	<13	PASS
		25	0	5.2	<13	PASS
		25	12	5.18	<13	PASS
		25	25	5.19	<13	PASS
		50	0	5.25	<13	PASS
	MCH	1	0	4.89	<13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

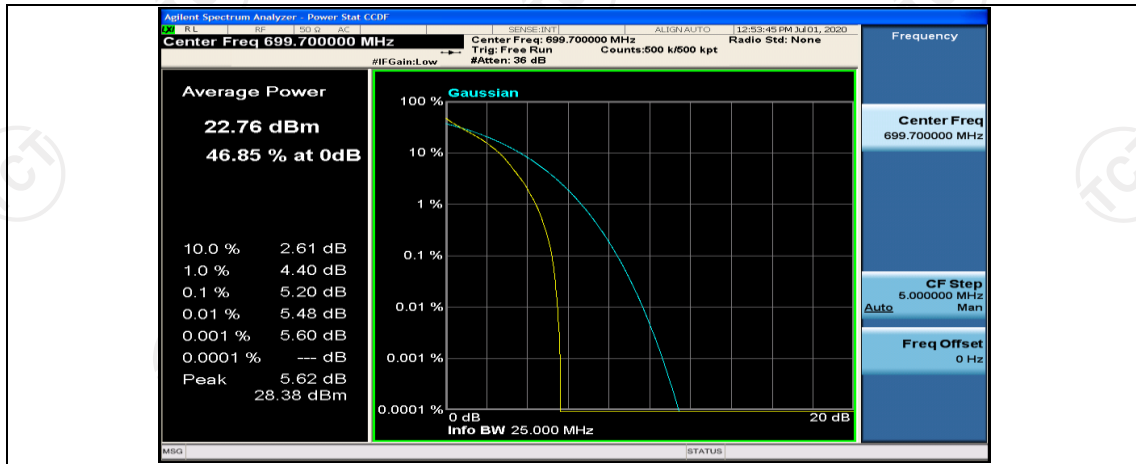
		25	0	5.17	<13	PASS
		25	12	5.16	<13	PASS
		25	25	4.93	<13	PASS
		50	0	5.13	<13	PASS
	HCH	1	0	4.92	<13	PASS
		1	24	4.62	<13	PASS
		1	49	4.28	<13	PASS
		25	0	4.92	<13	PASS
		25	12	4.87	<13	PASS
		25	25	4.57	<13	PASS
		50	0	4.89	<13	PASS
16QAM	LCH	1	0	5.97	<13	PASS
		1	24	6.34	<13	PASS
		1	49	5.8	<13	PASS
		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

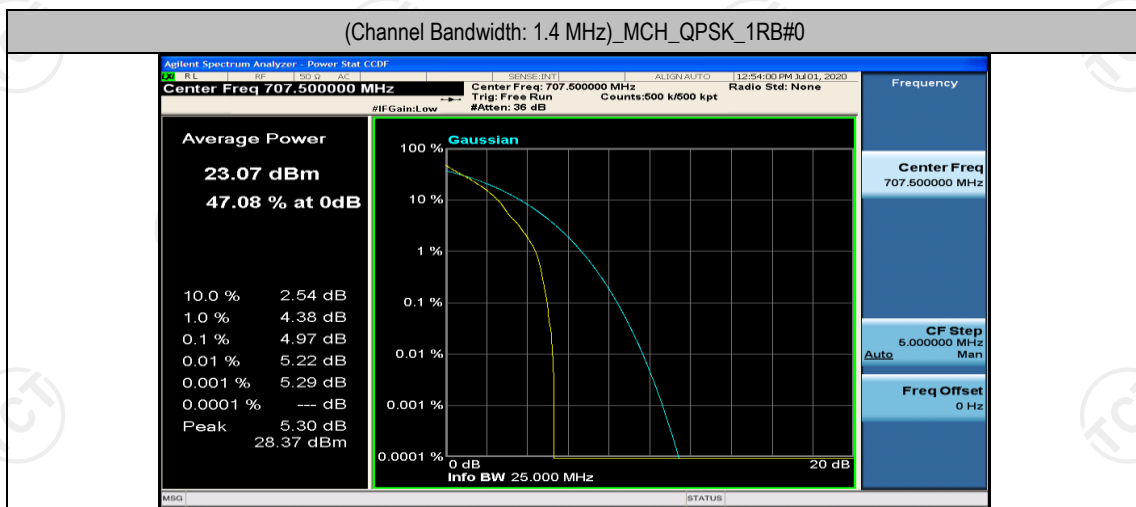
Channel Bandwidth: 1.4 MHz



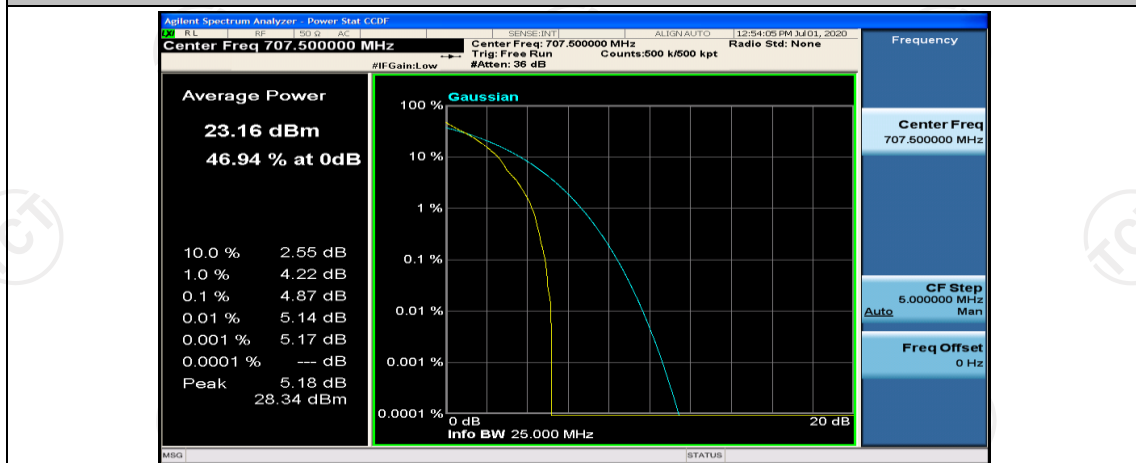




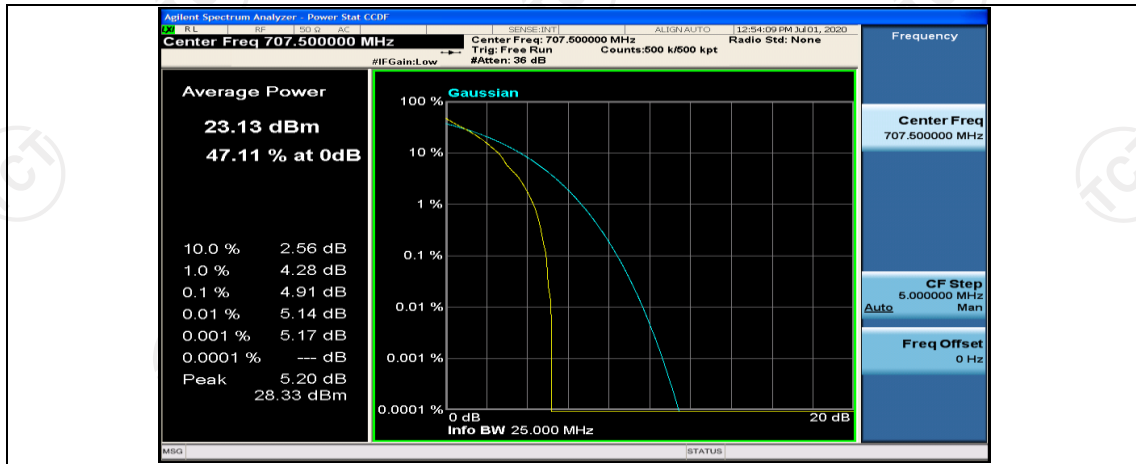
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



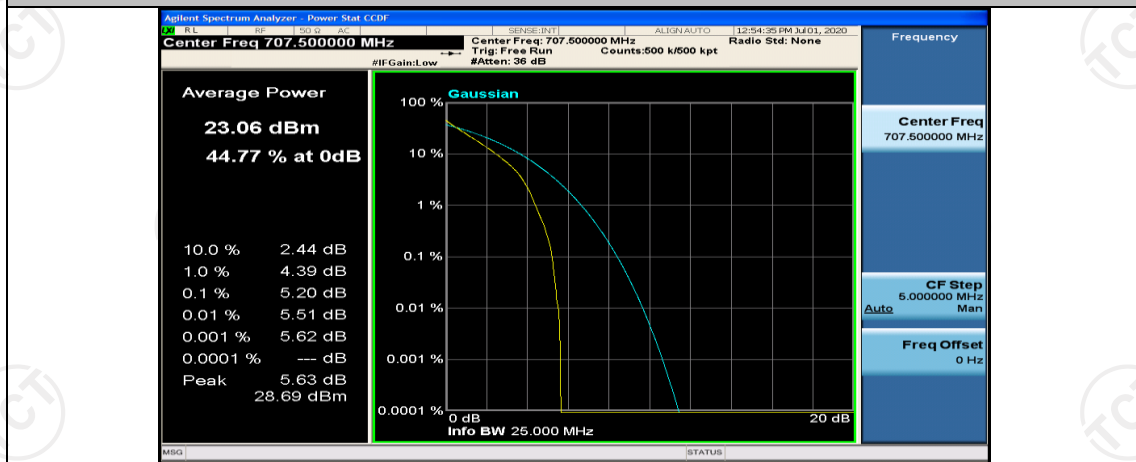
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



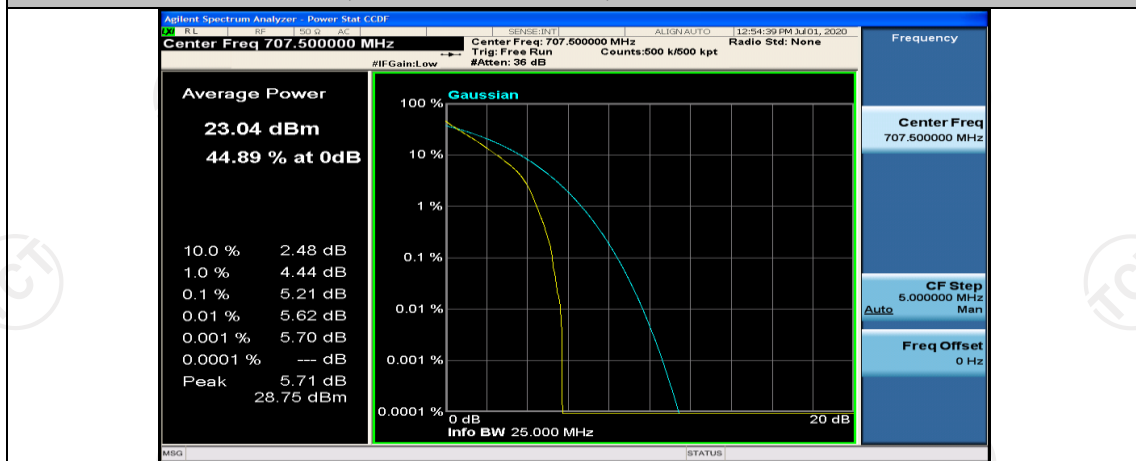
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



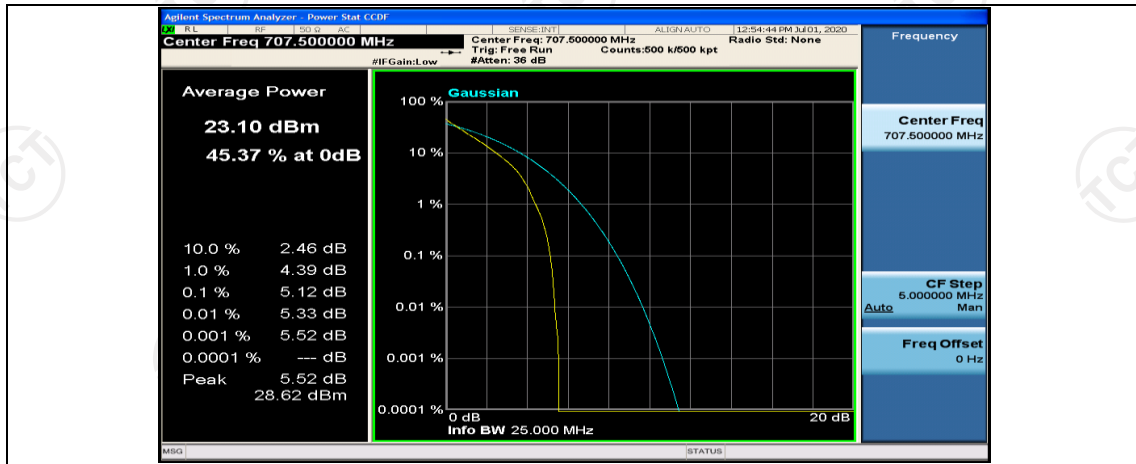
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



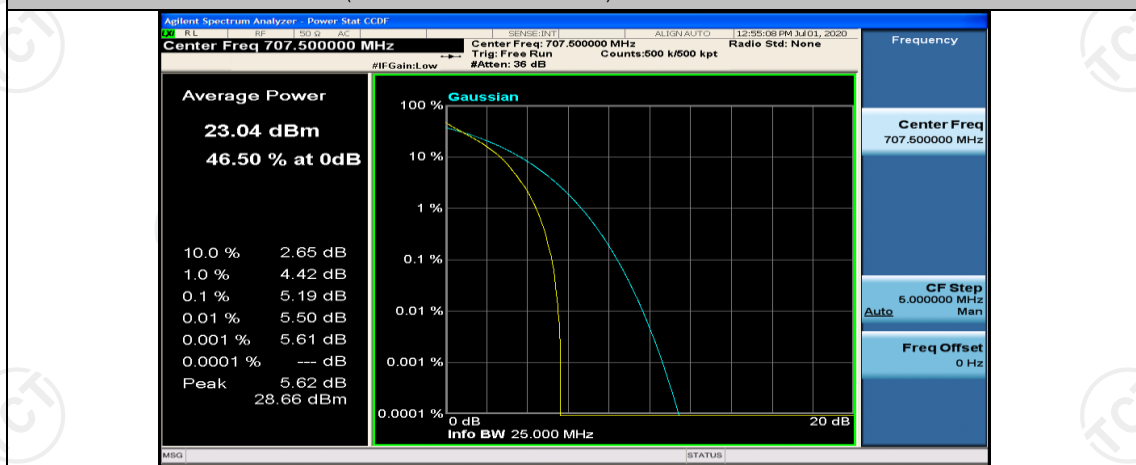
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



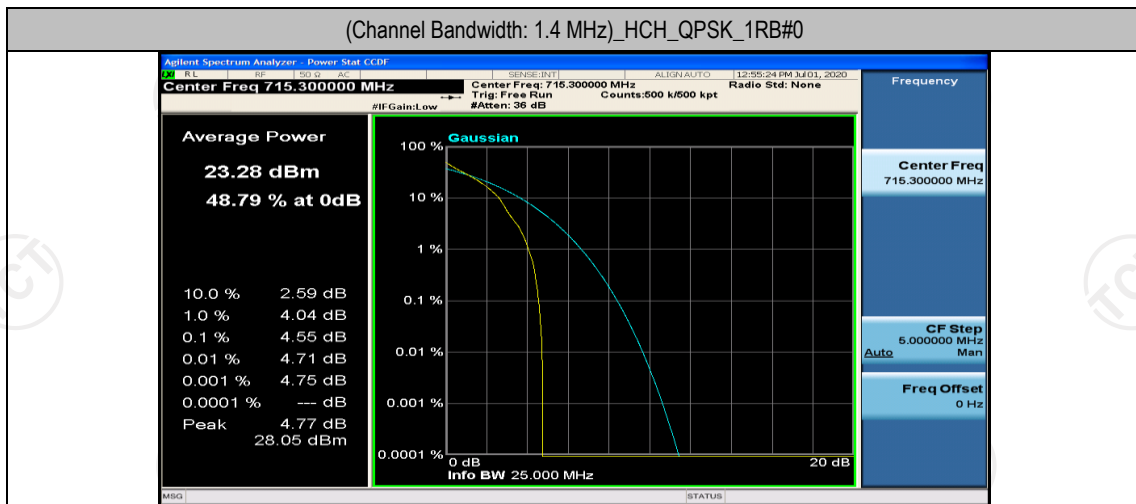
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



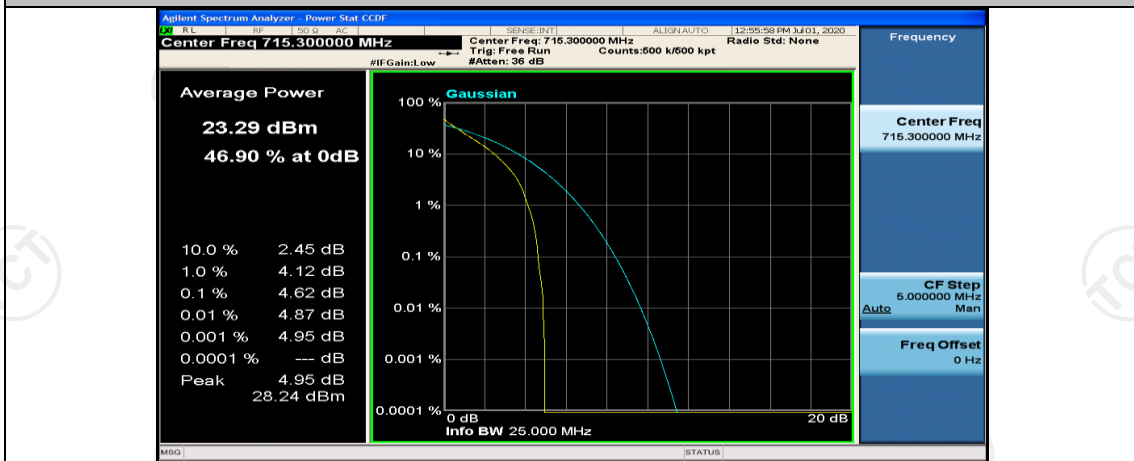
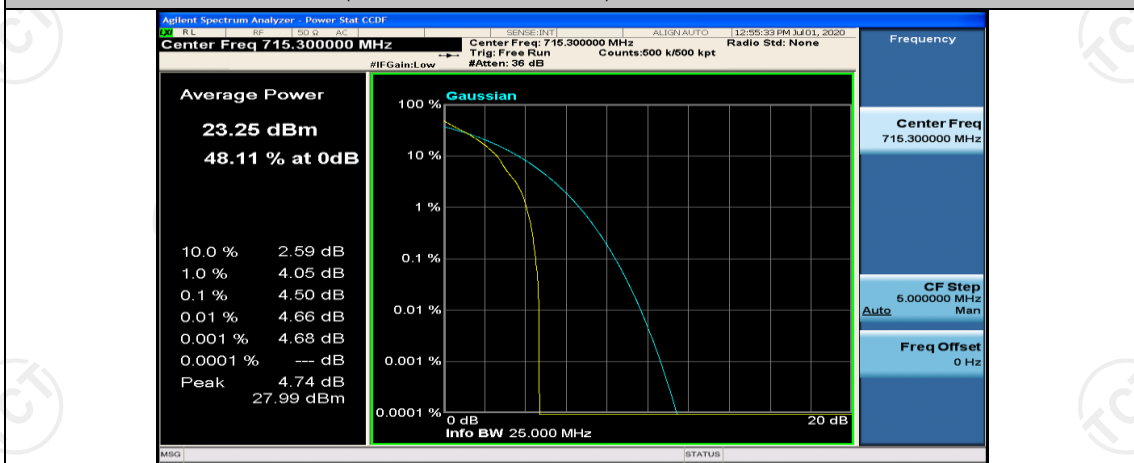
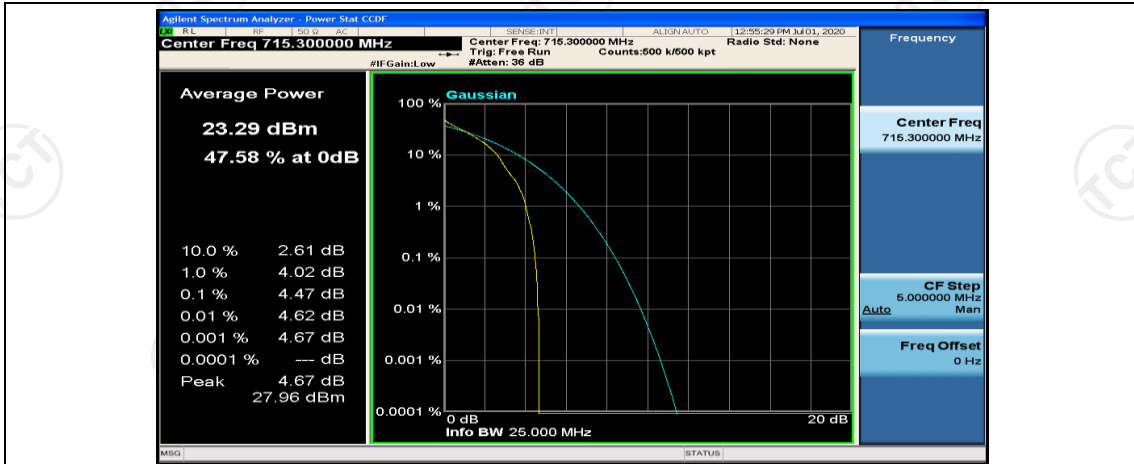
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0

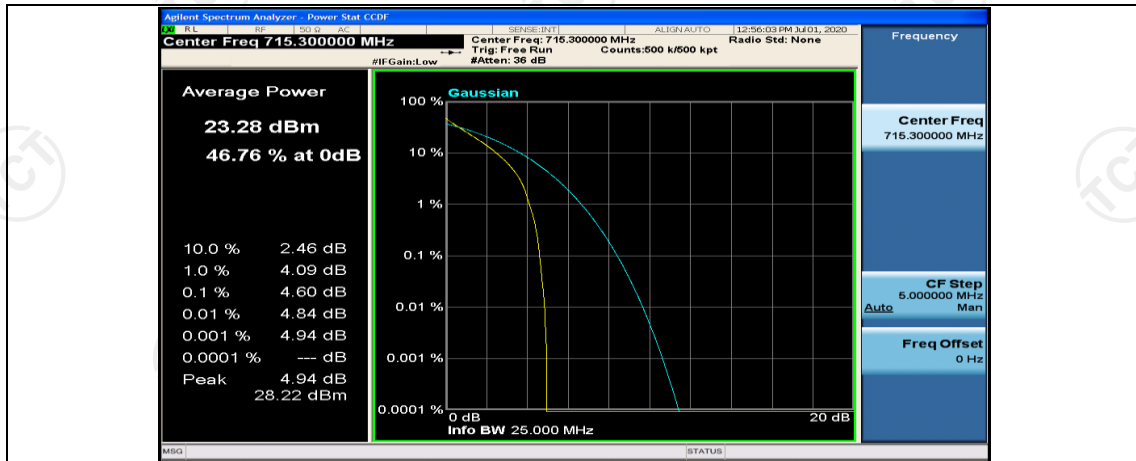


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

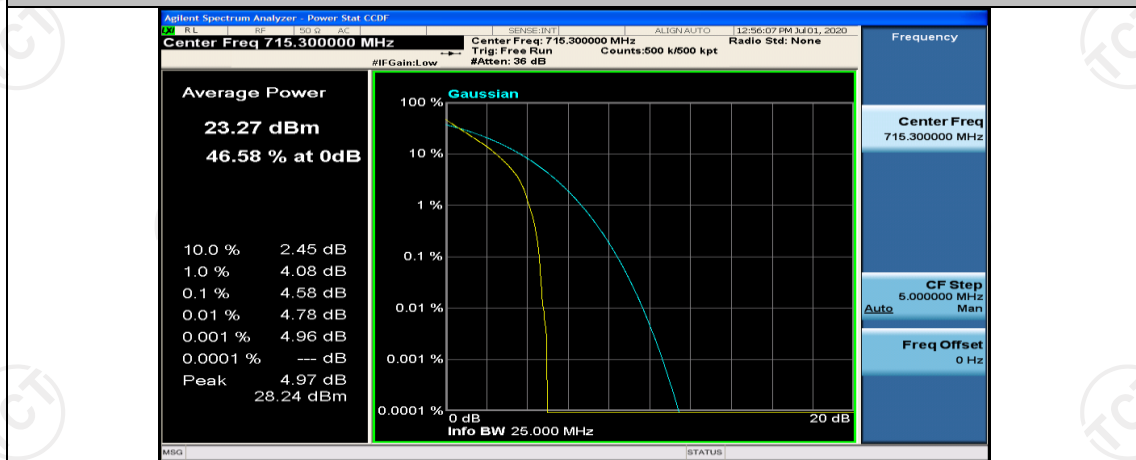


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3

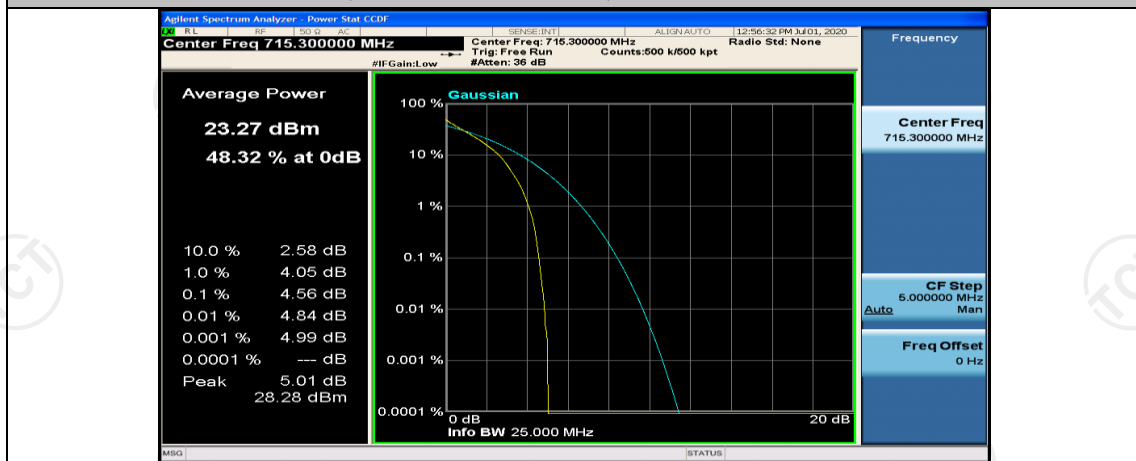




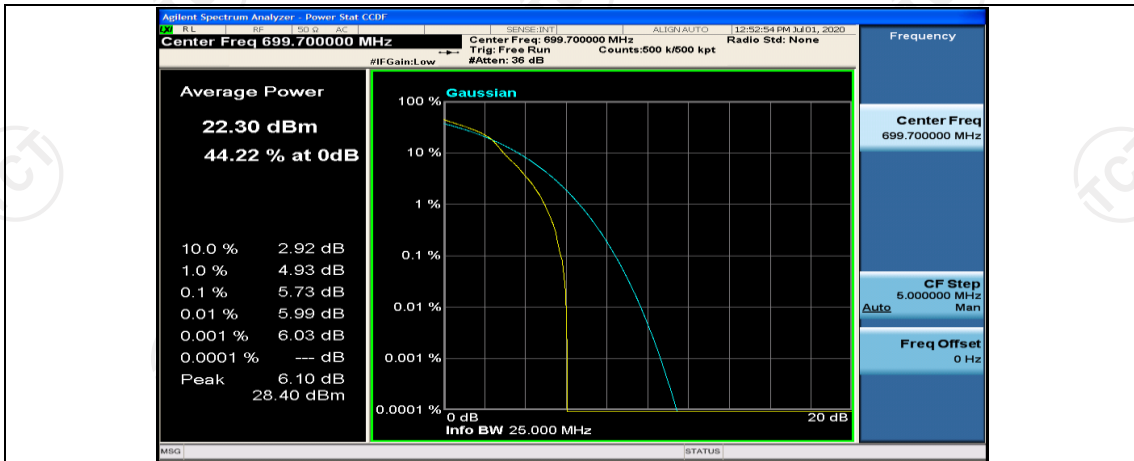
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



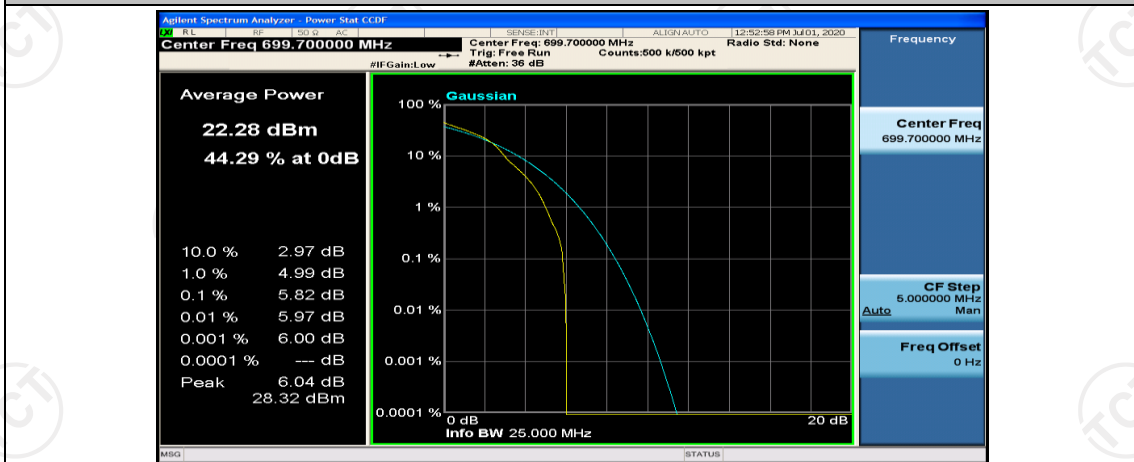
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



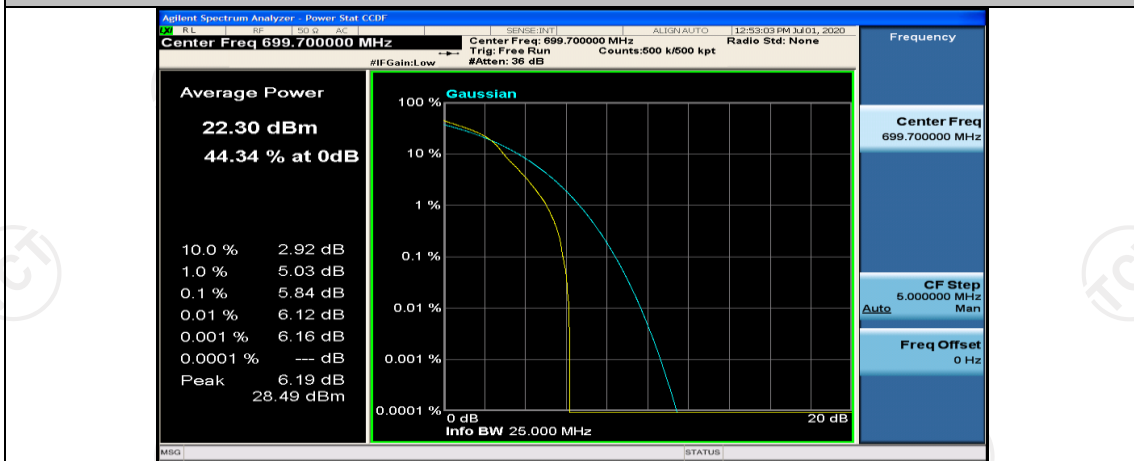
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



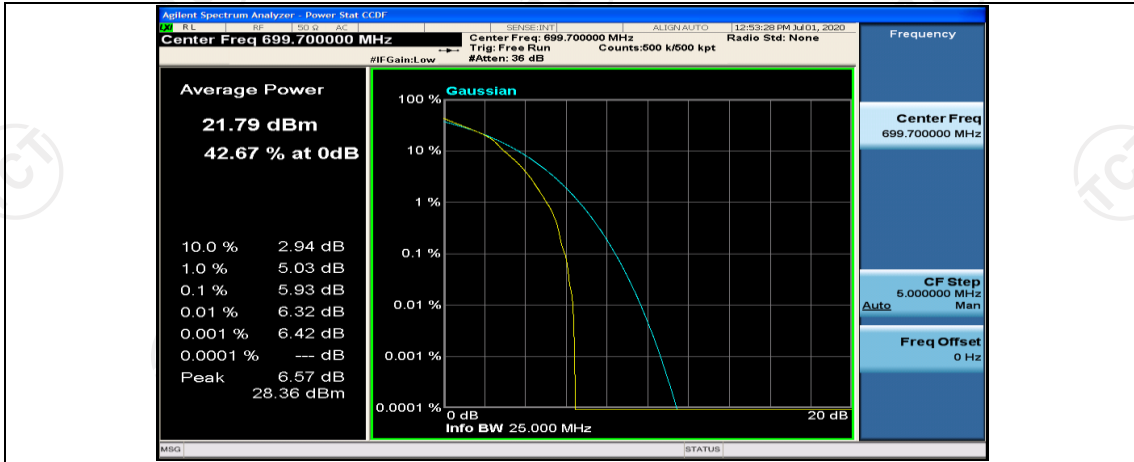
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



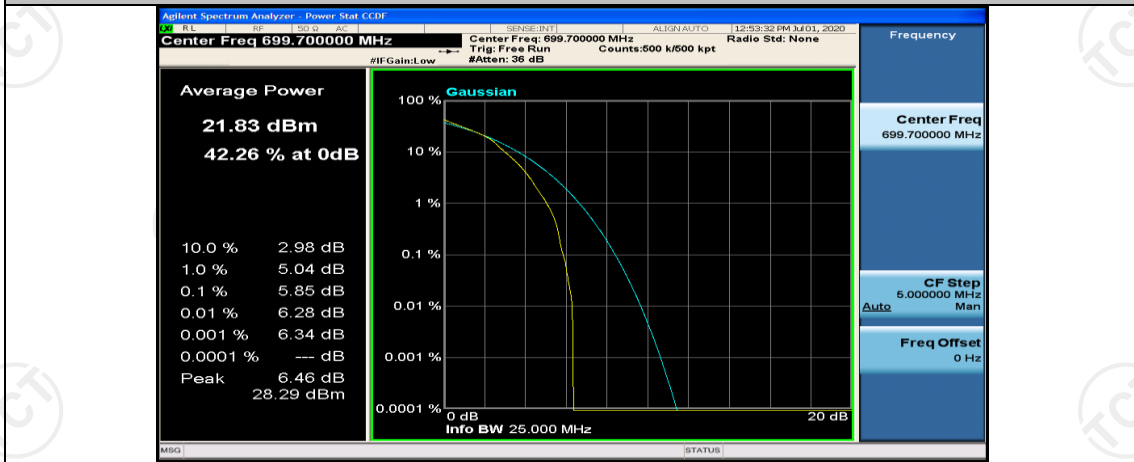
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



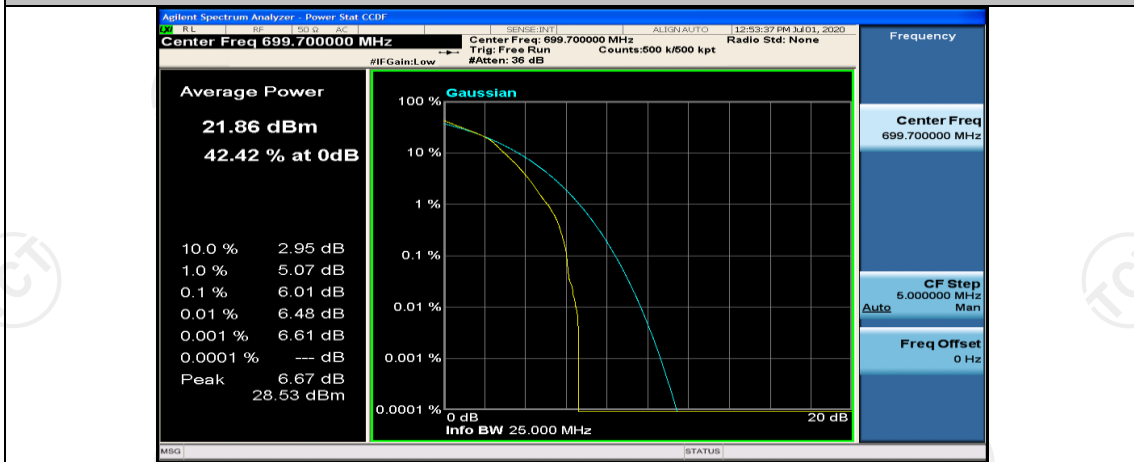
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



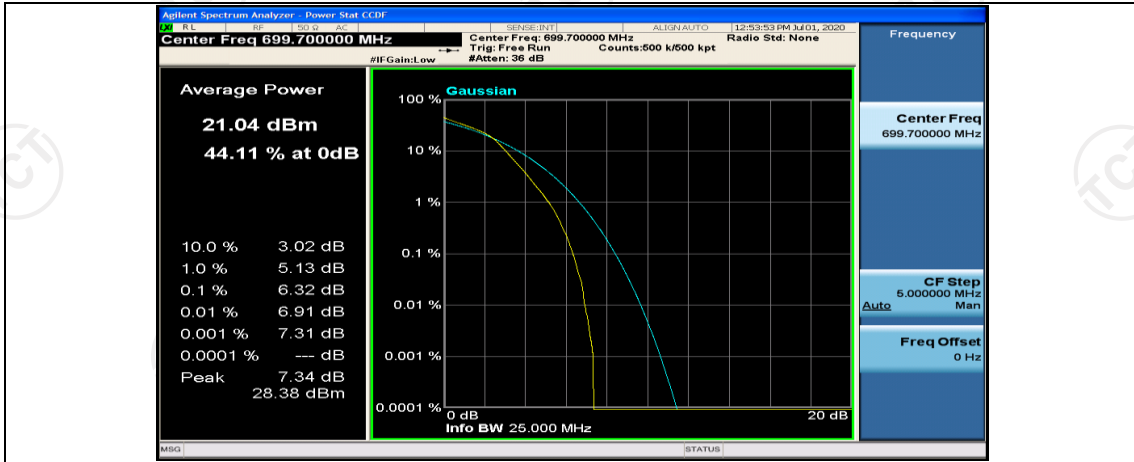
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



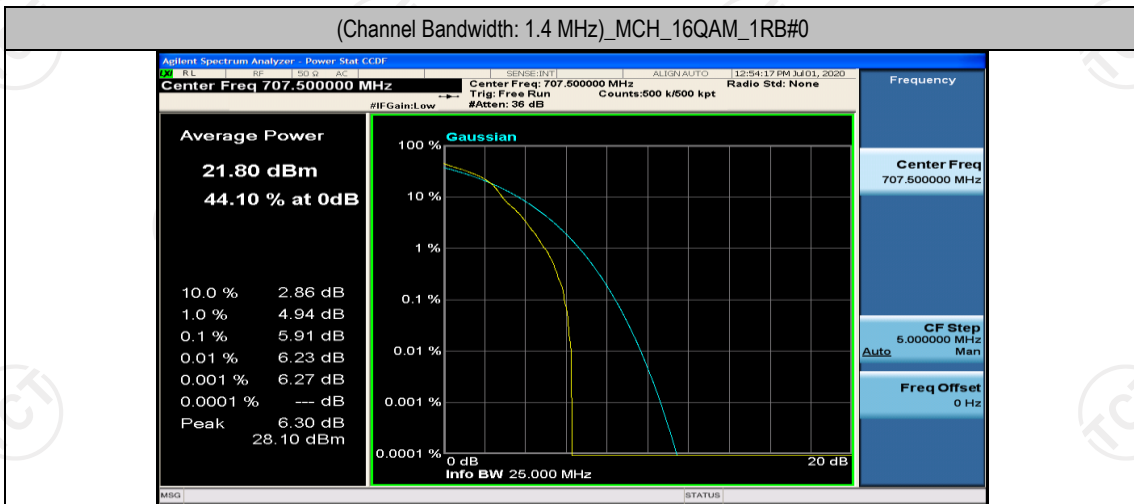
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



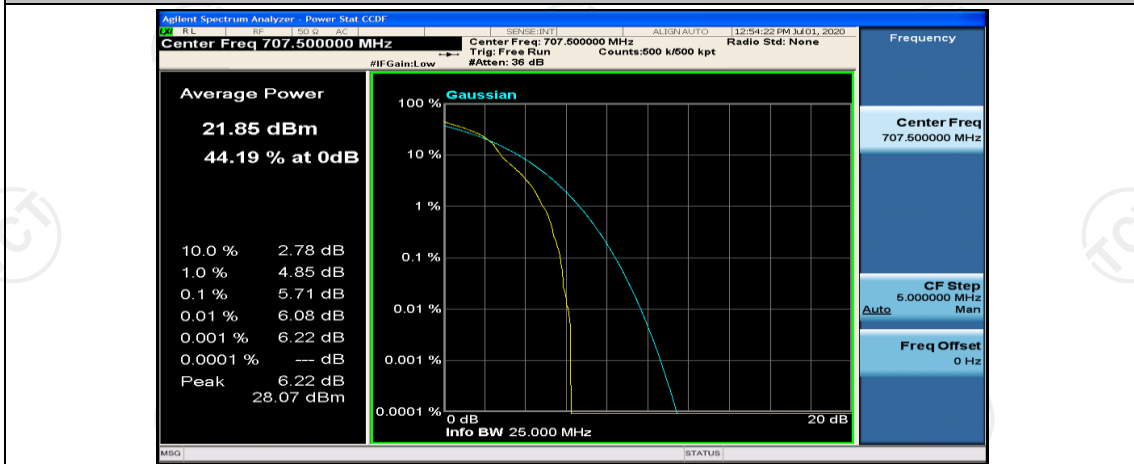
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



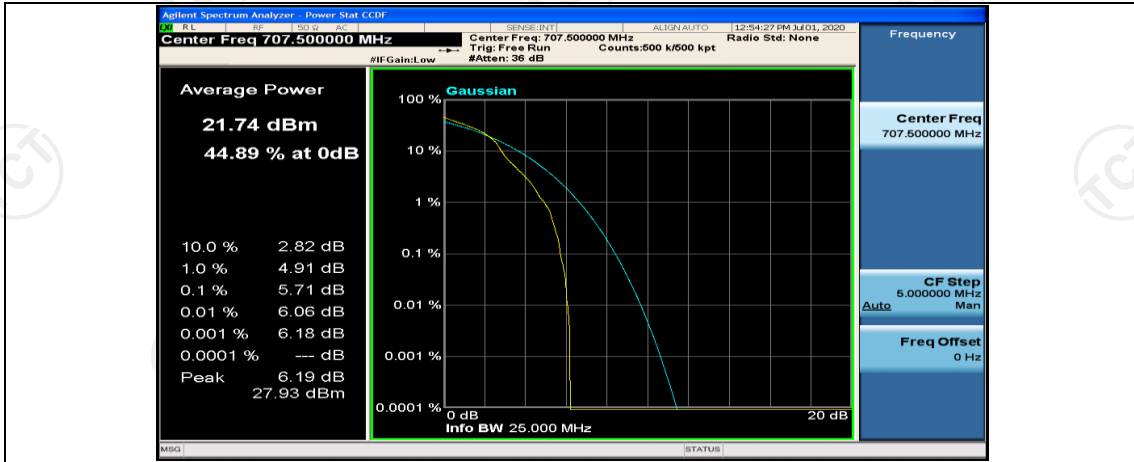
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



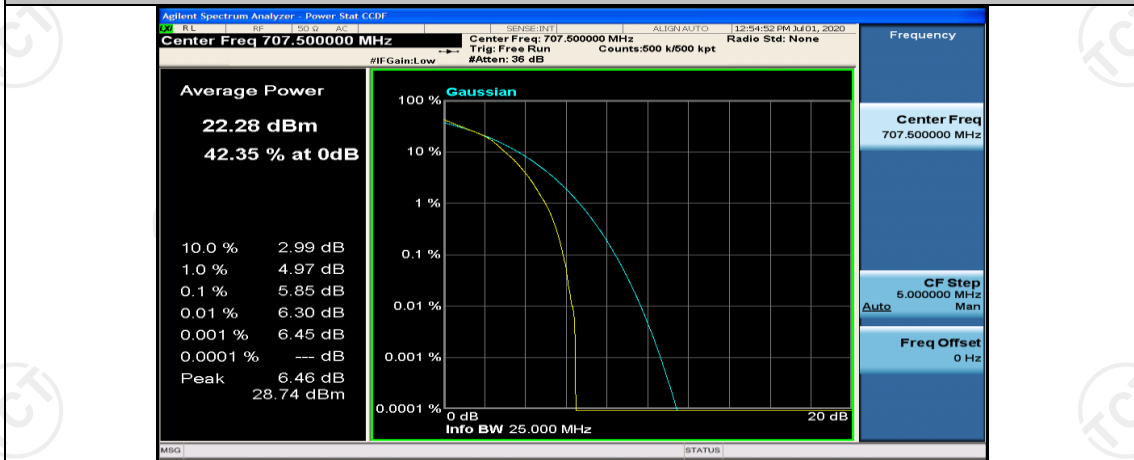
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



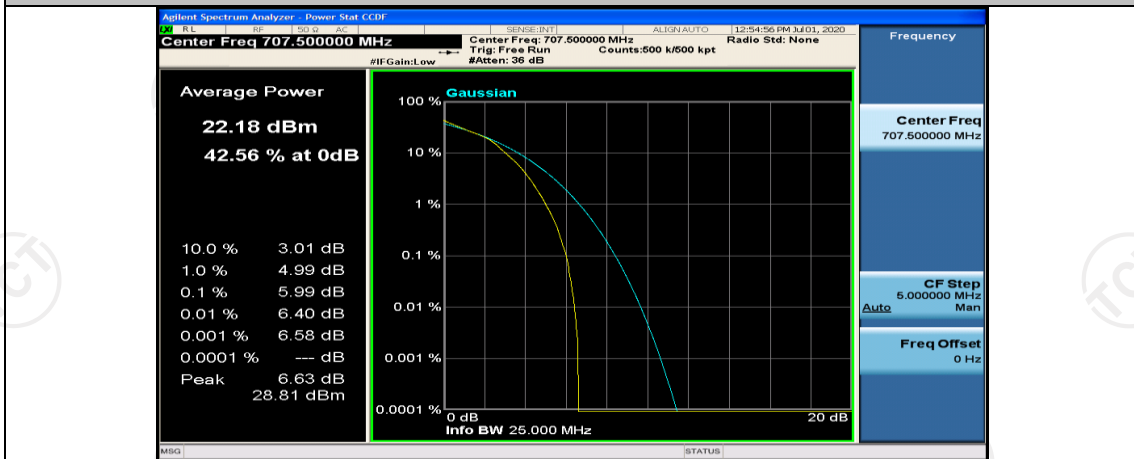
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



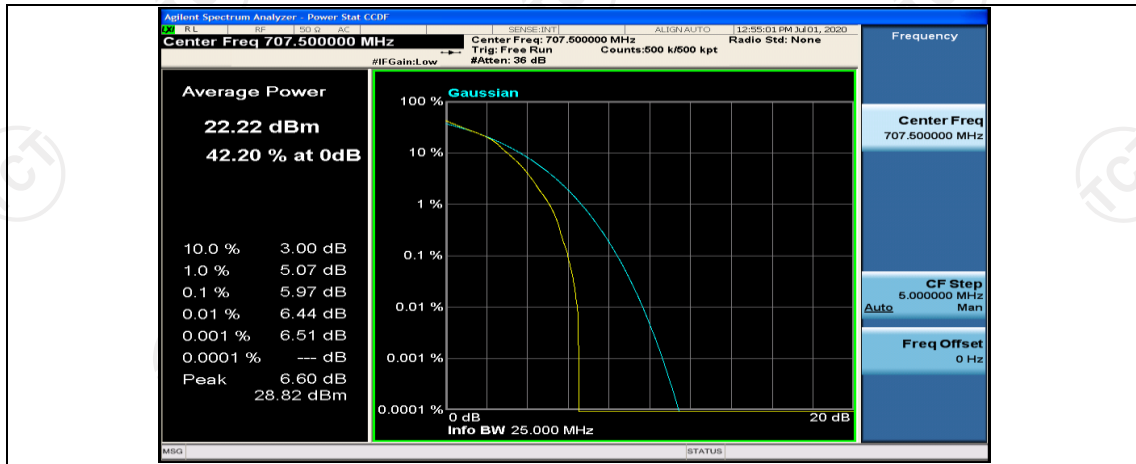
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



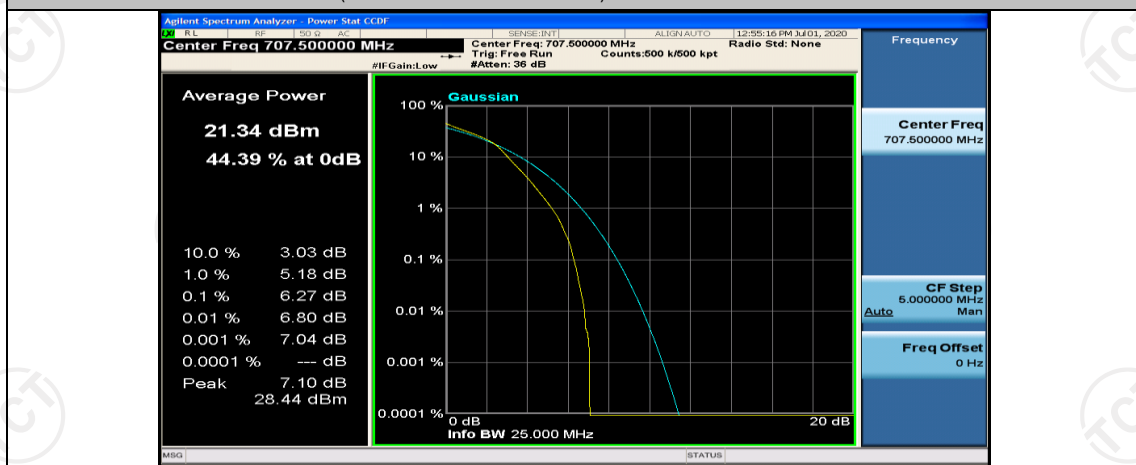
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



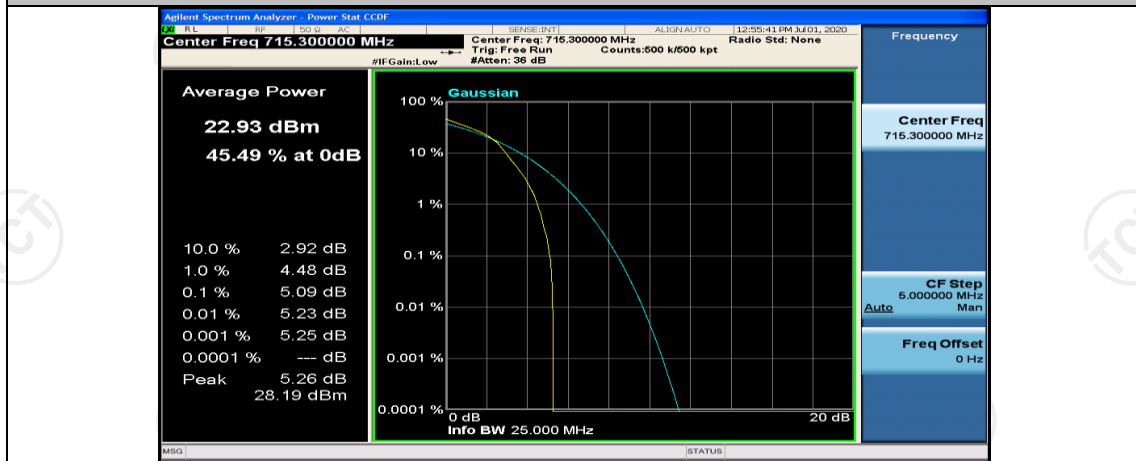
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



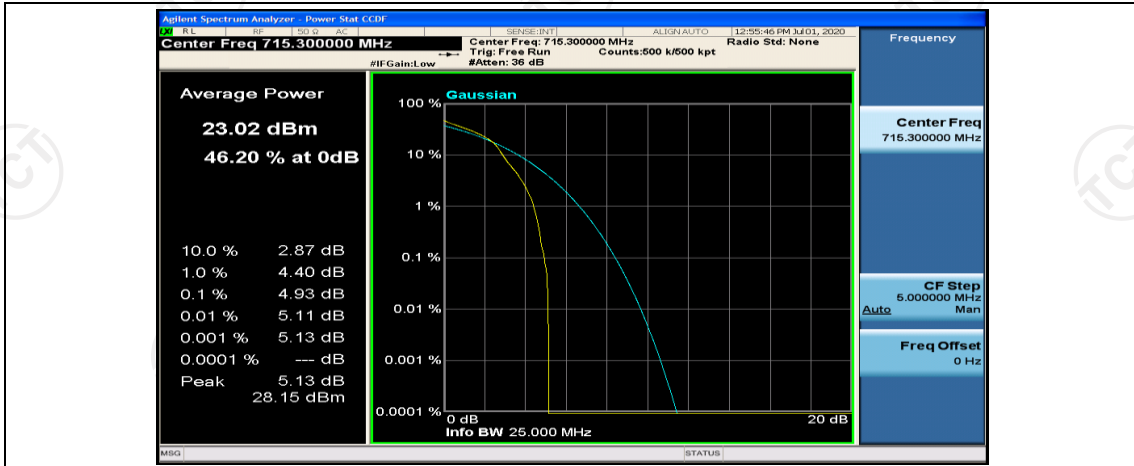
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



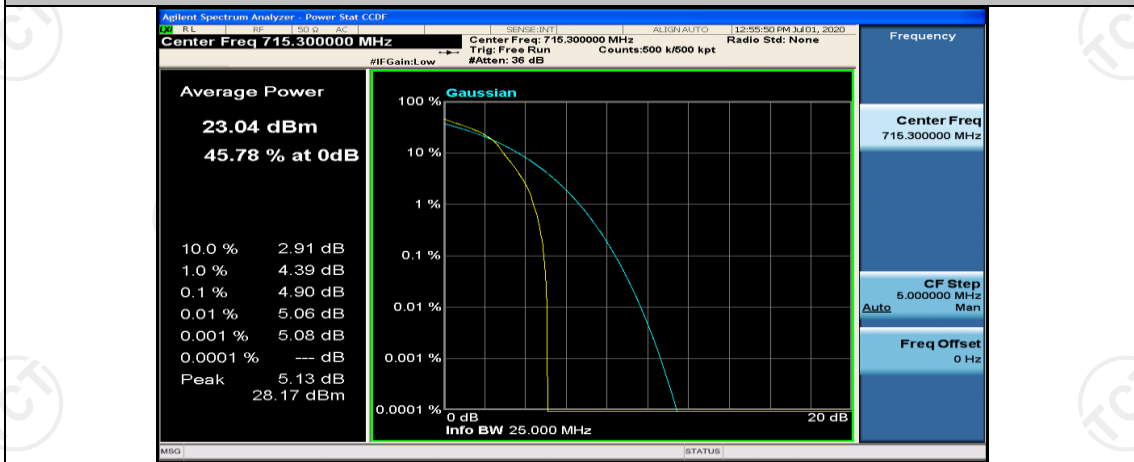
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



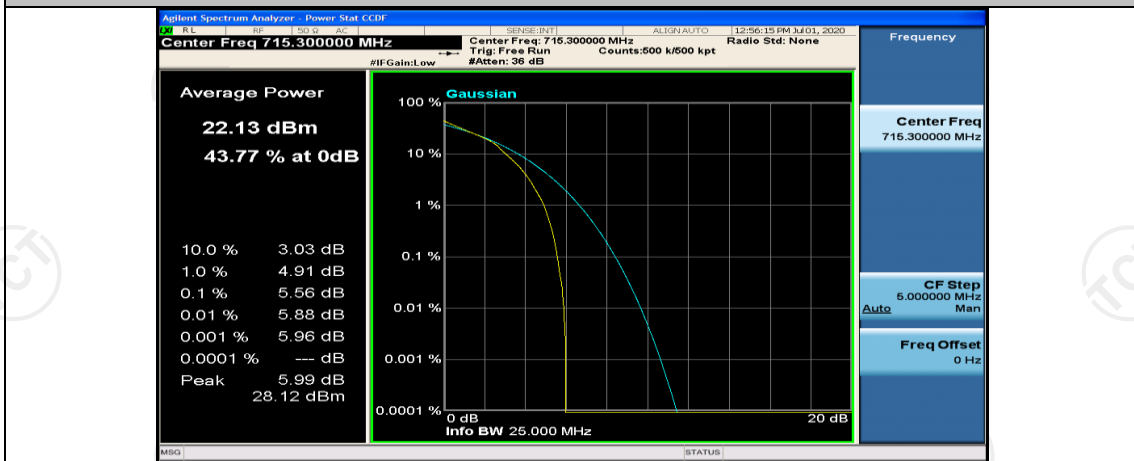
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



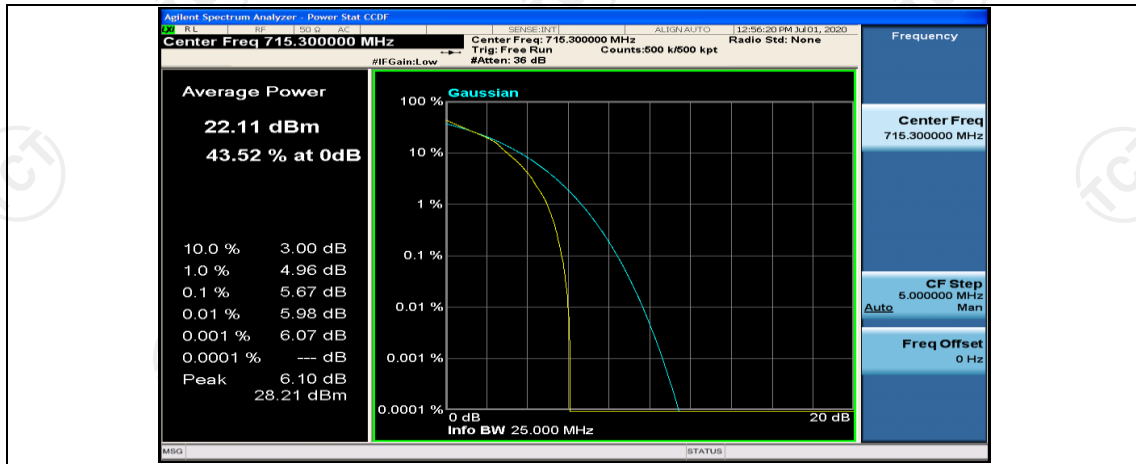
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



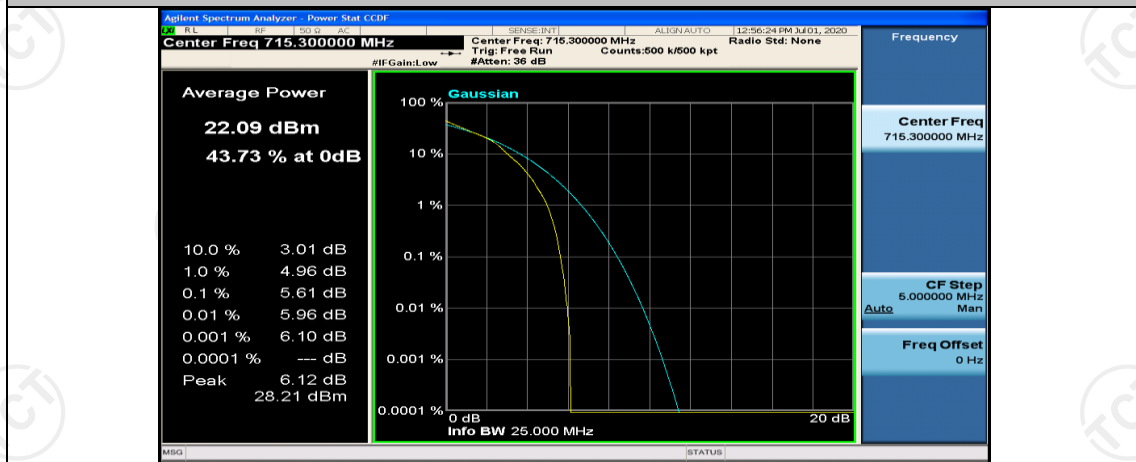
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



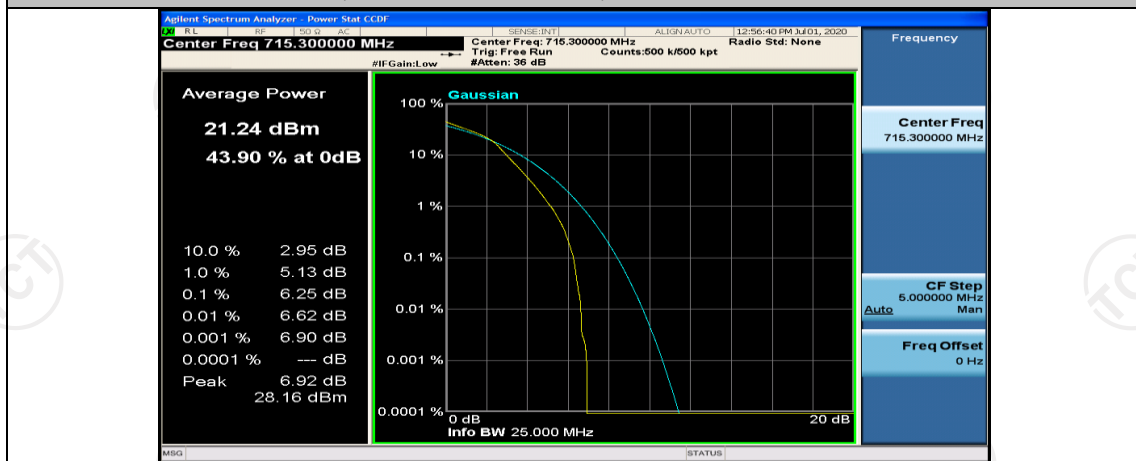
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



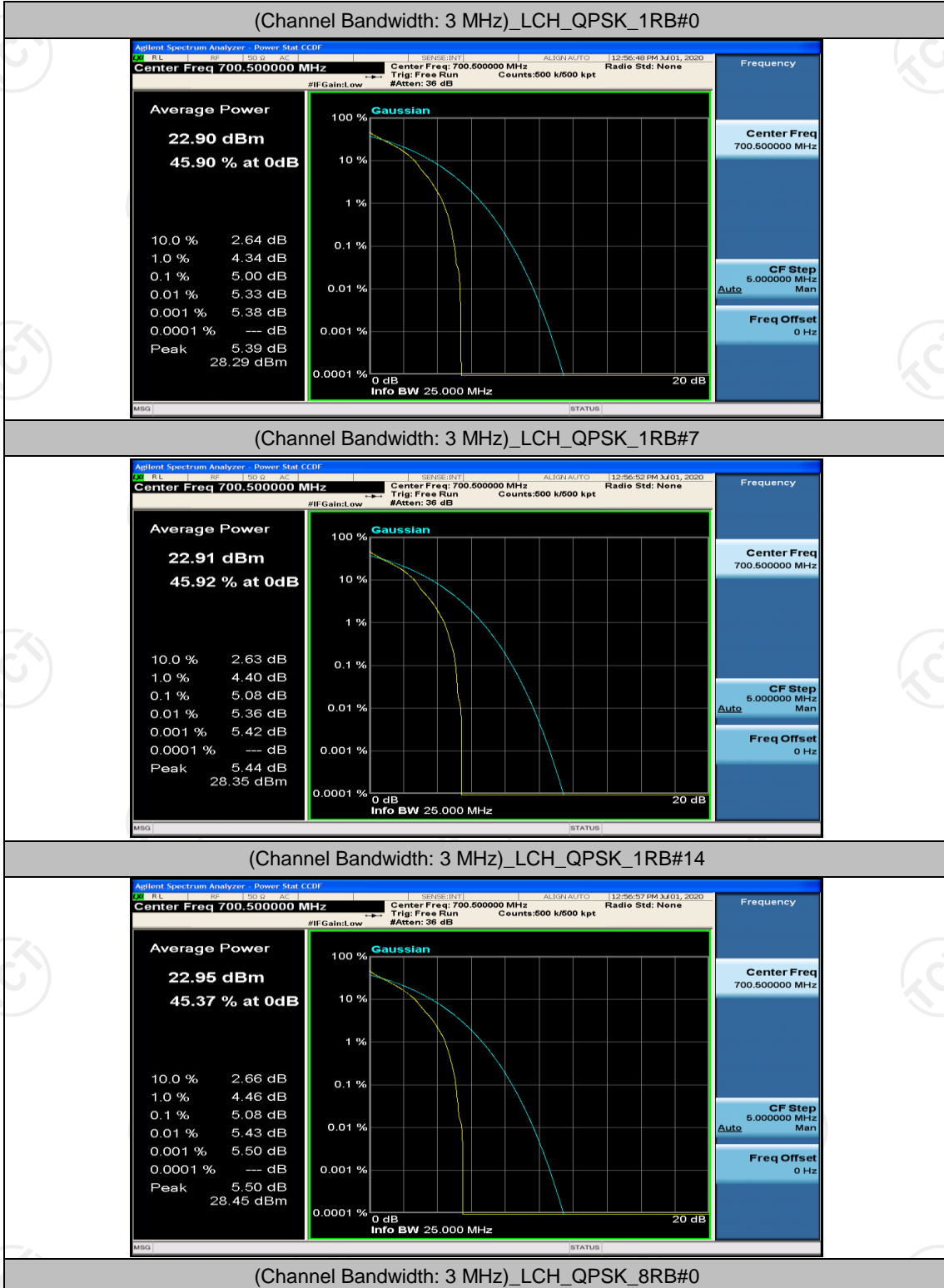
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

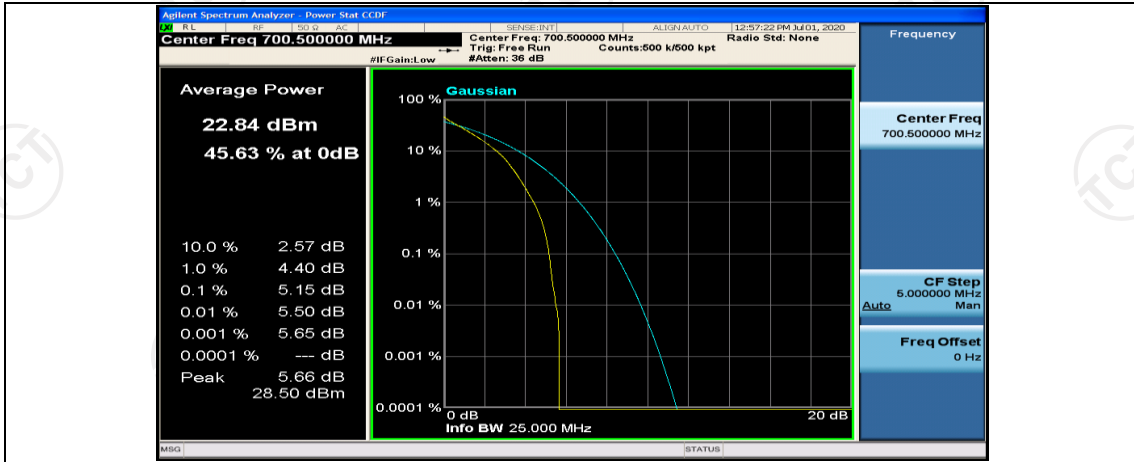


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

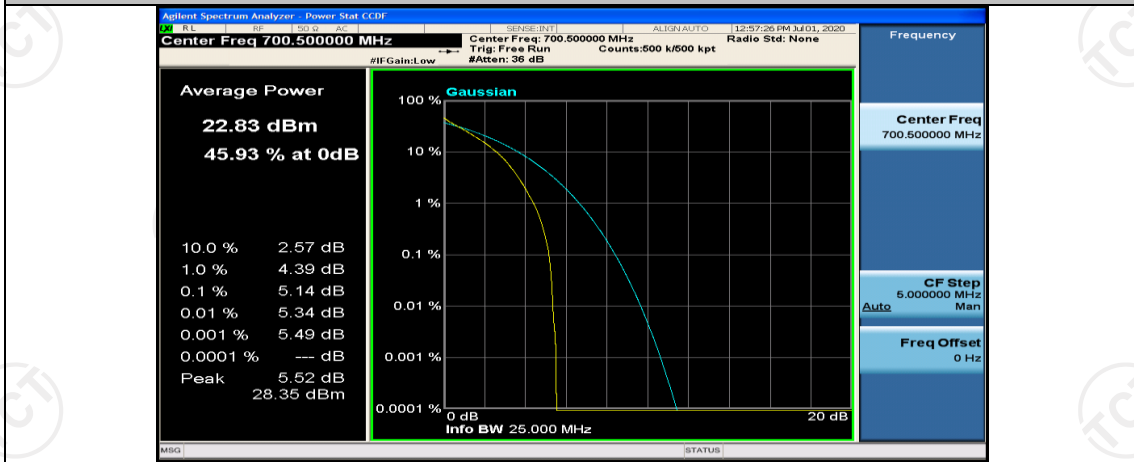


Channel Bandwidth: 3 MHz

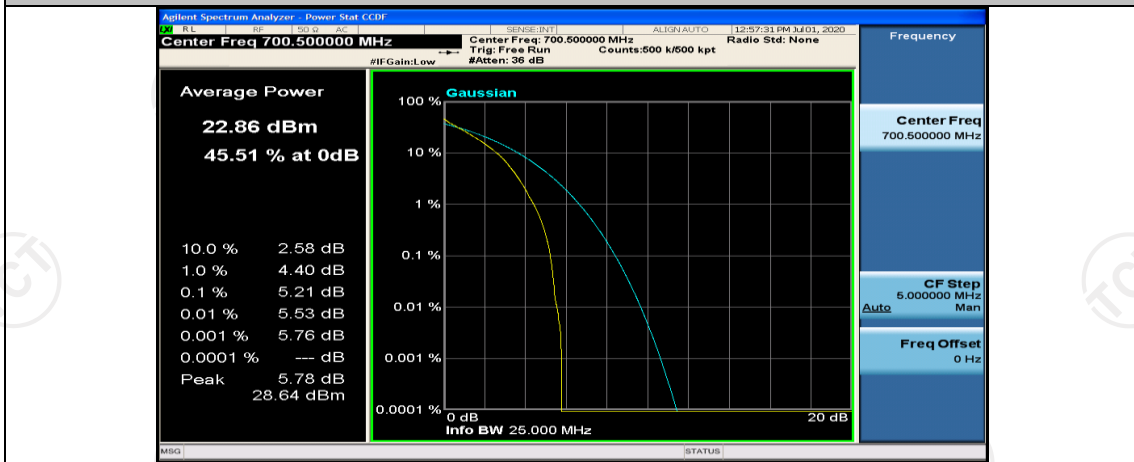




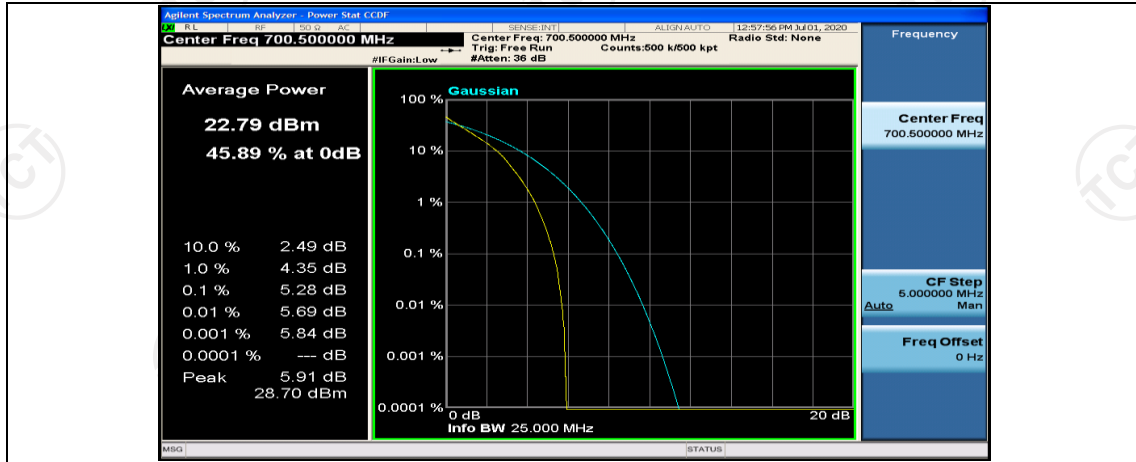
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4



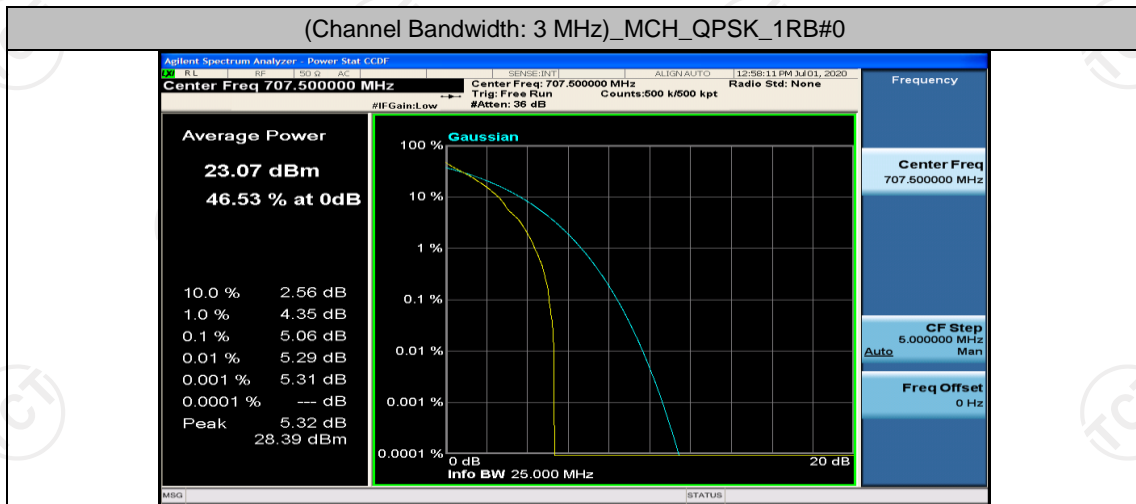
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



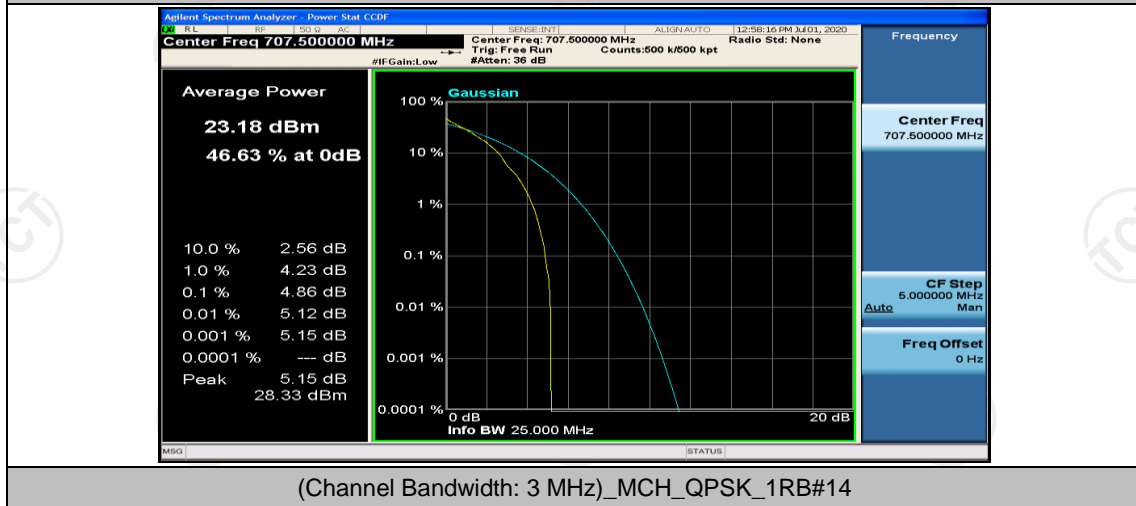
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



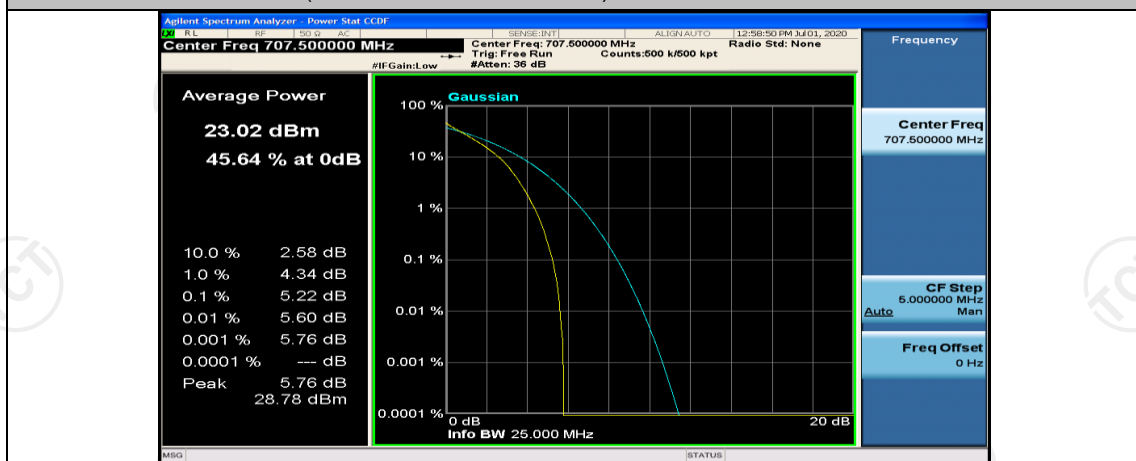
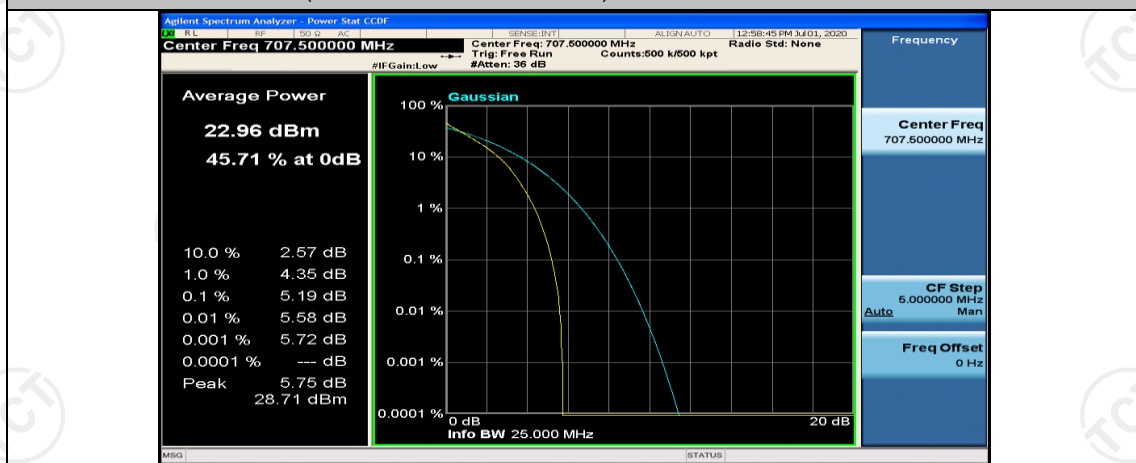
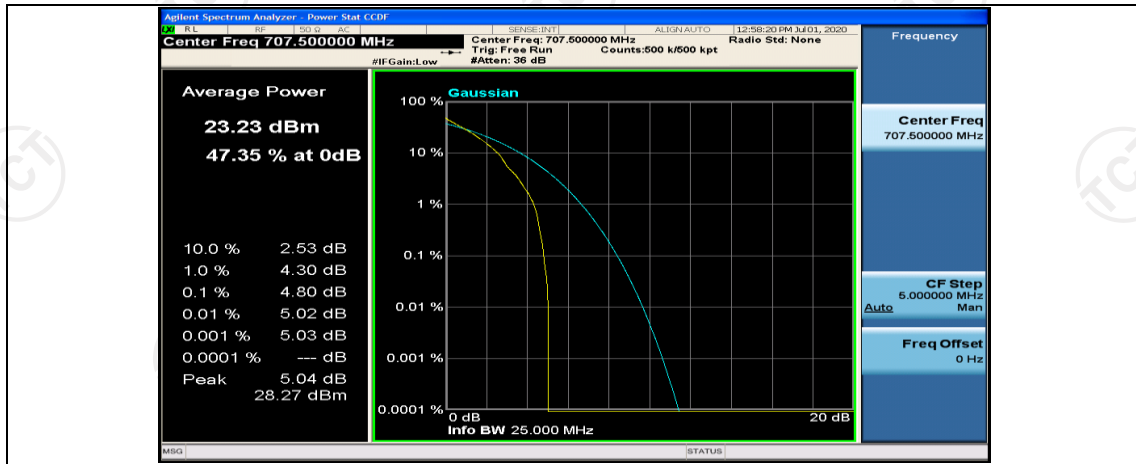
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

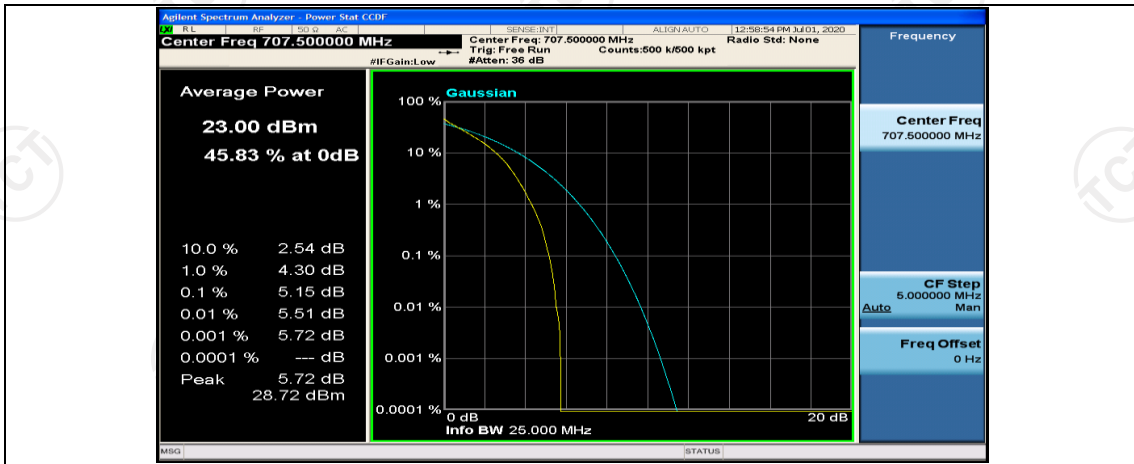


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

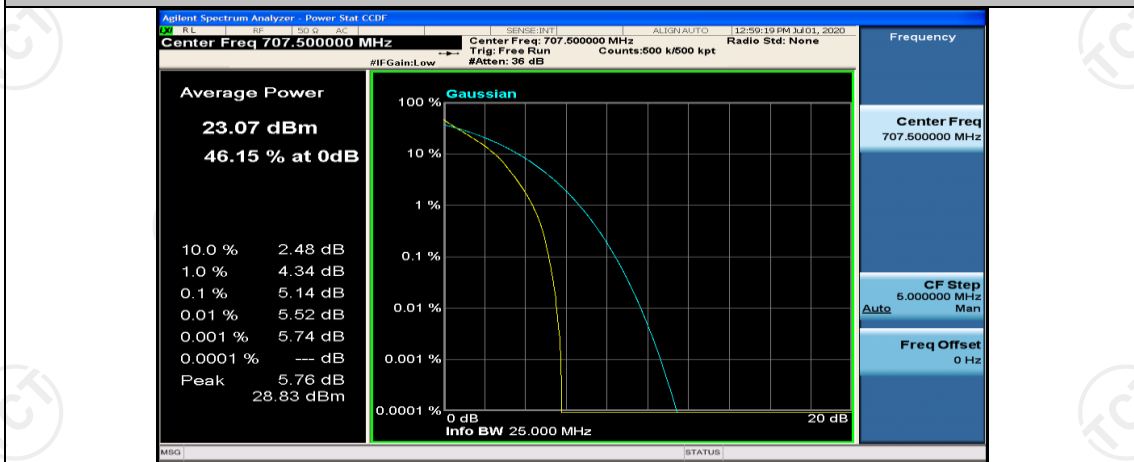


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

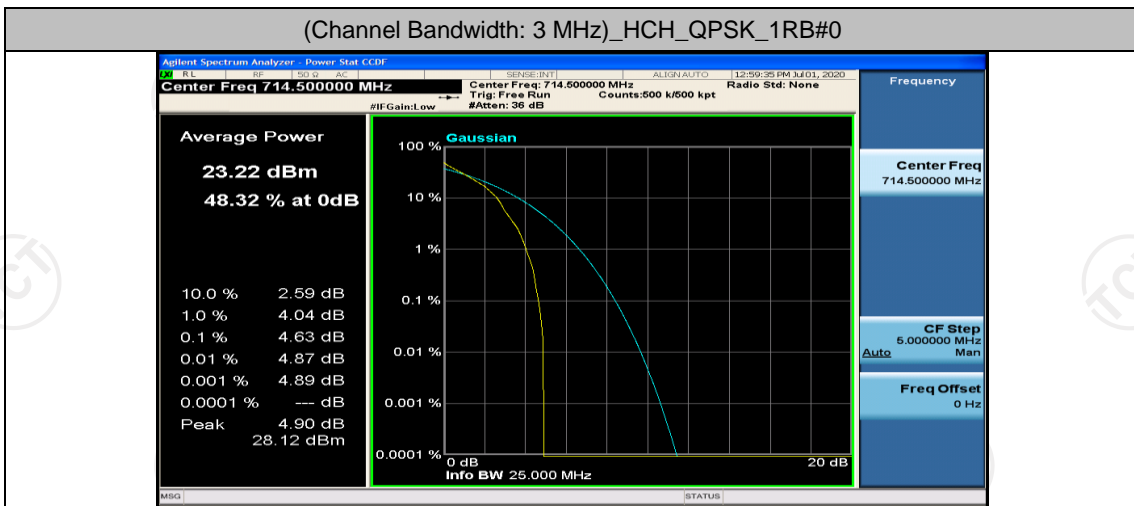




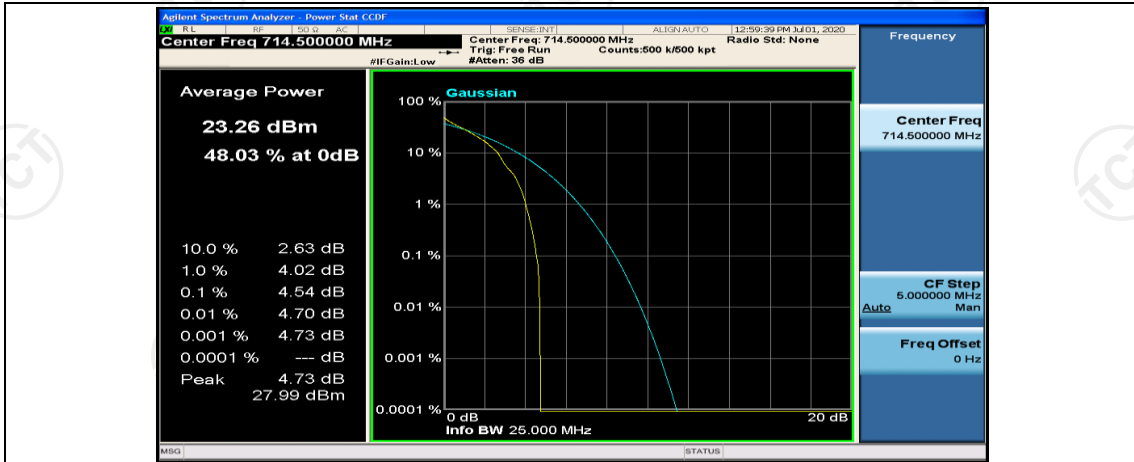
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



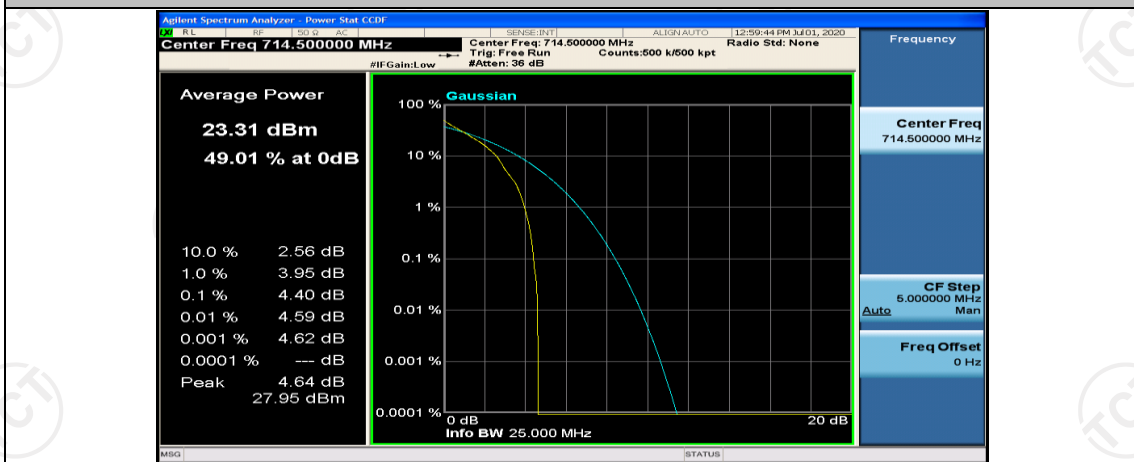
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



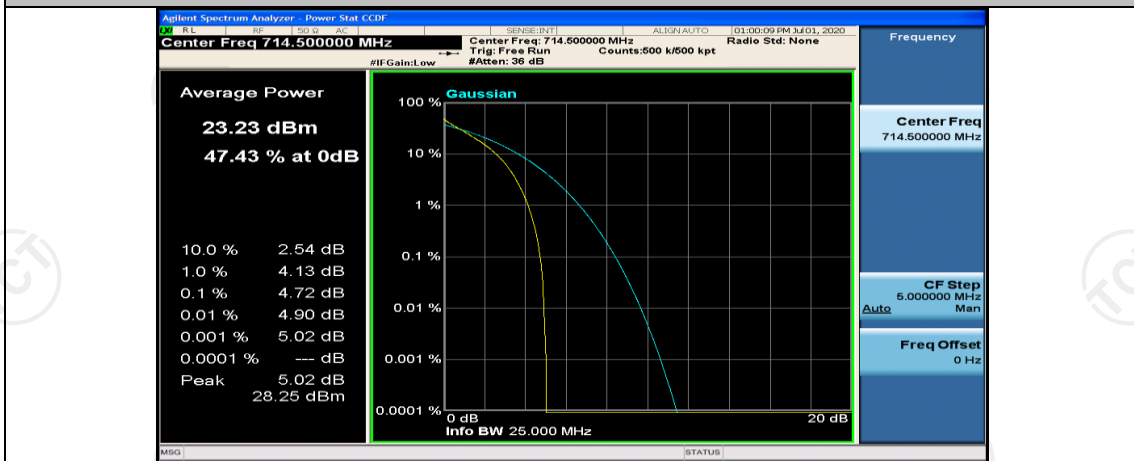
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



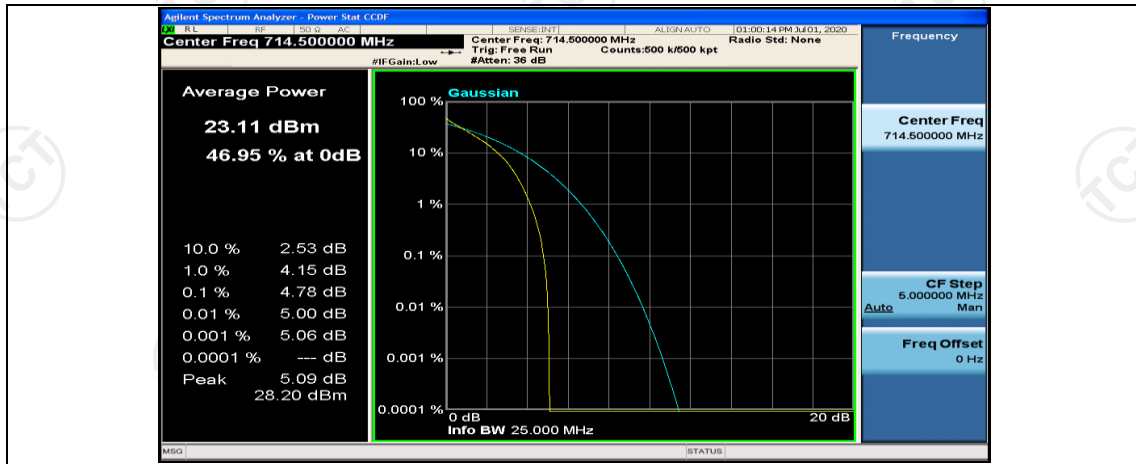
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



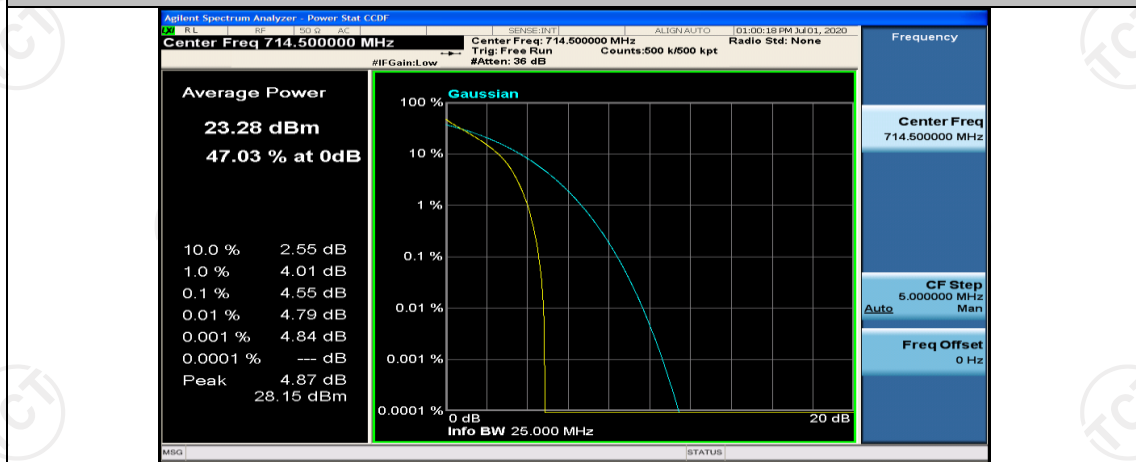
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



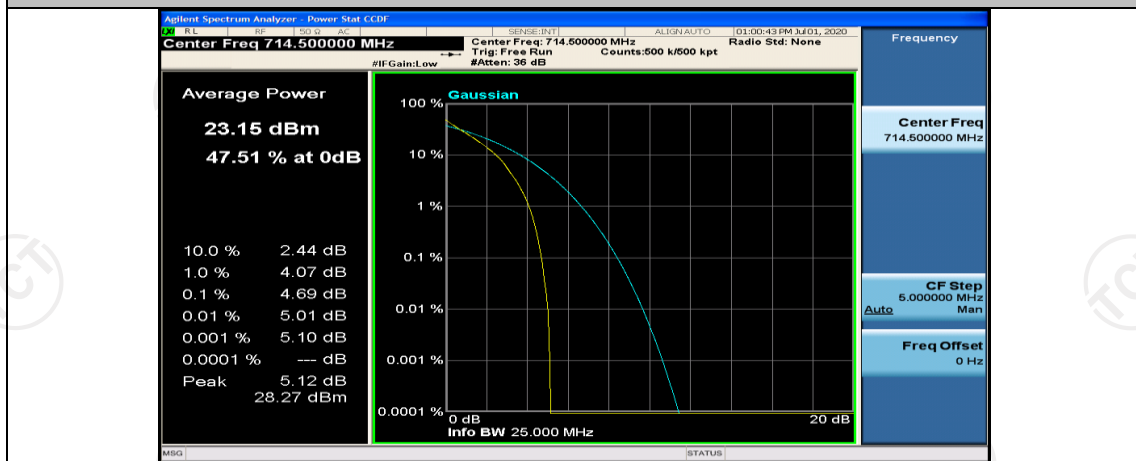
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4



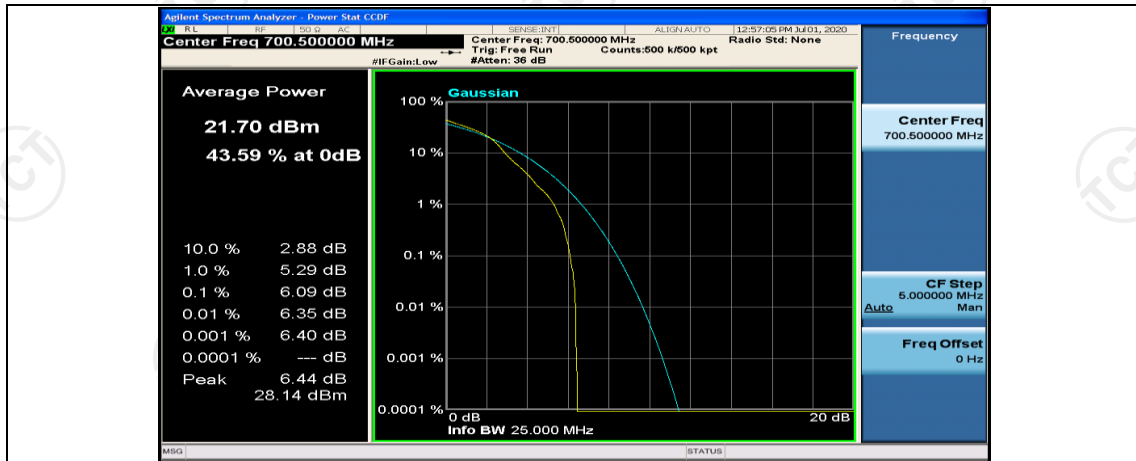
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7



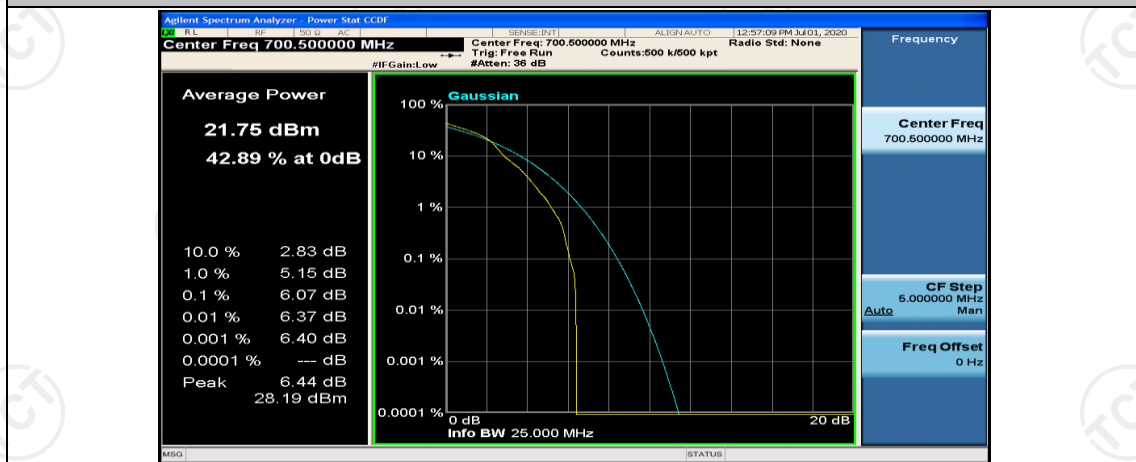
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



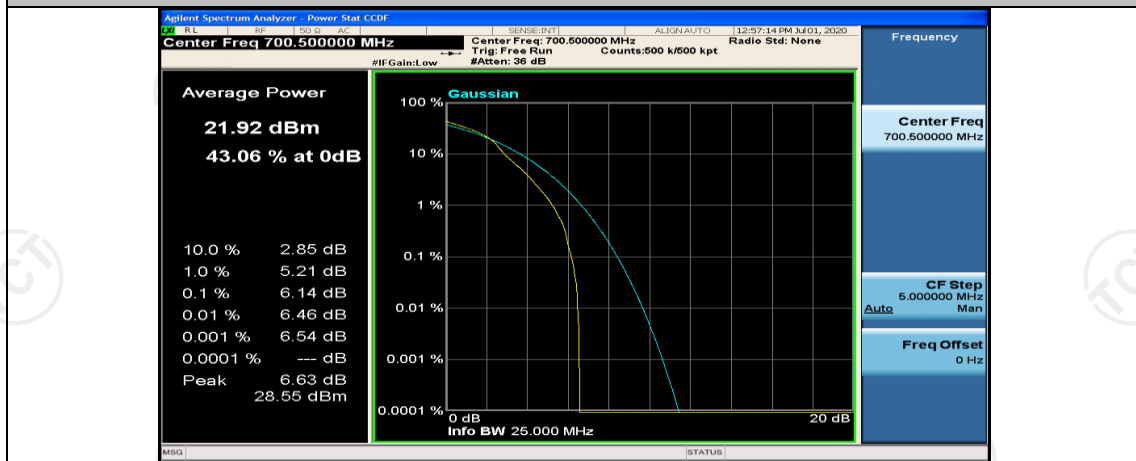
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



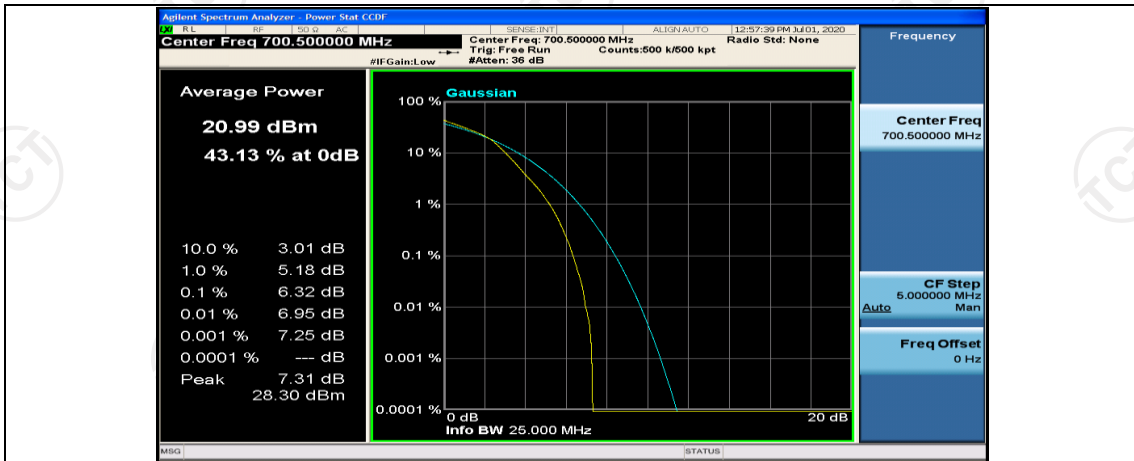
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7



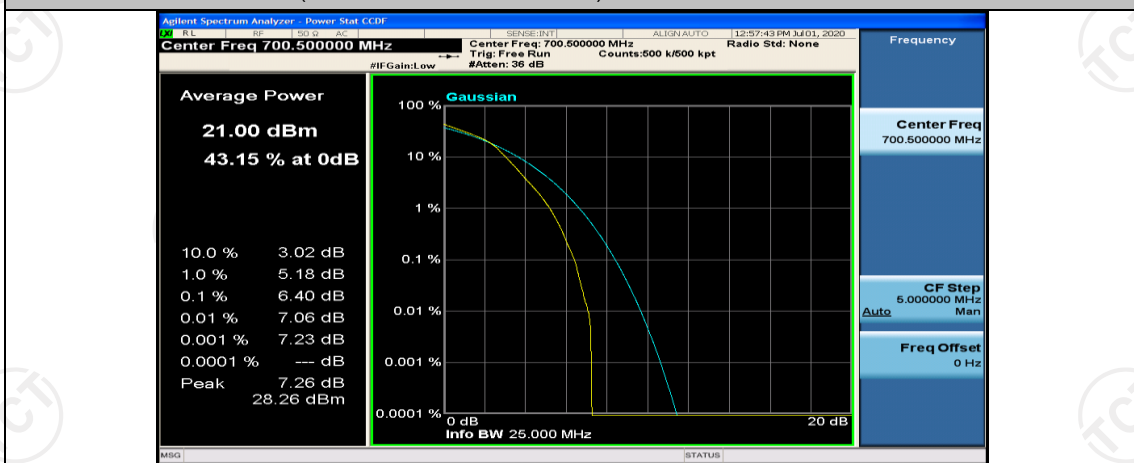
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14



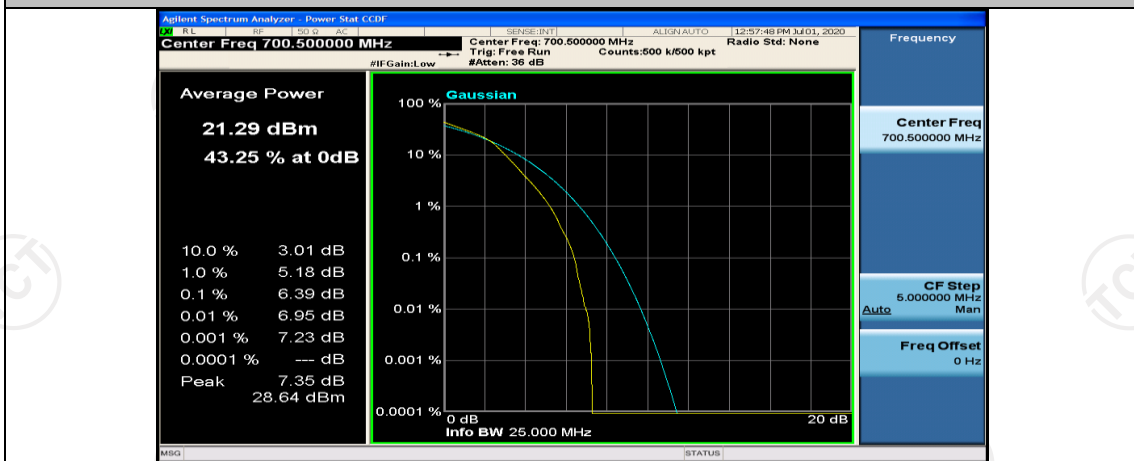
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0



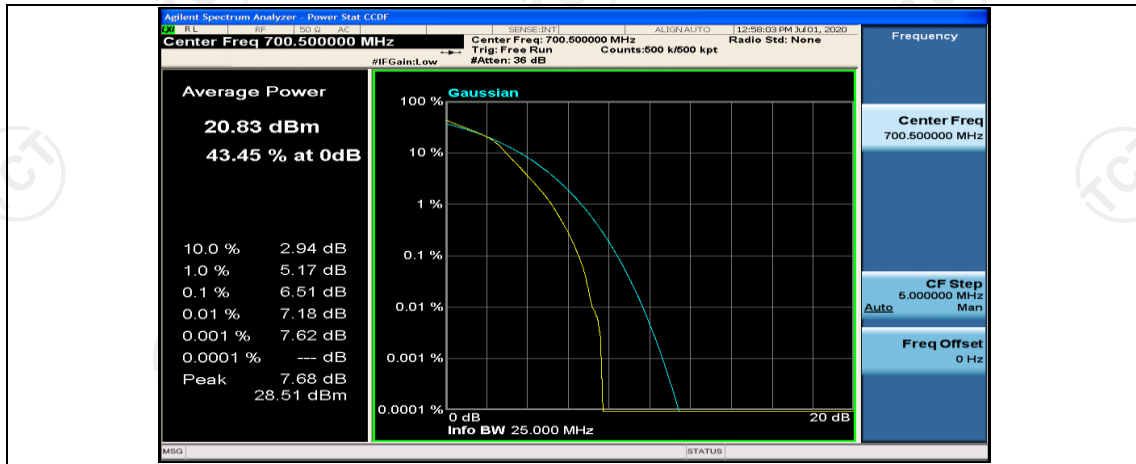
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4



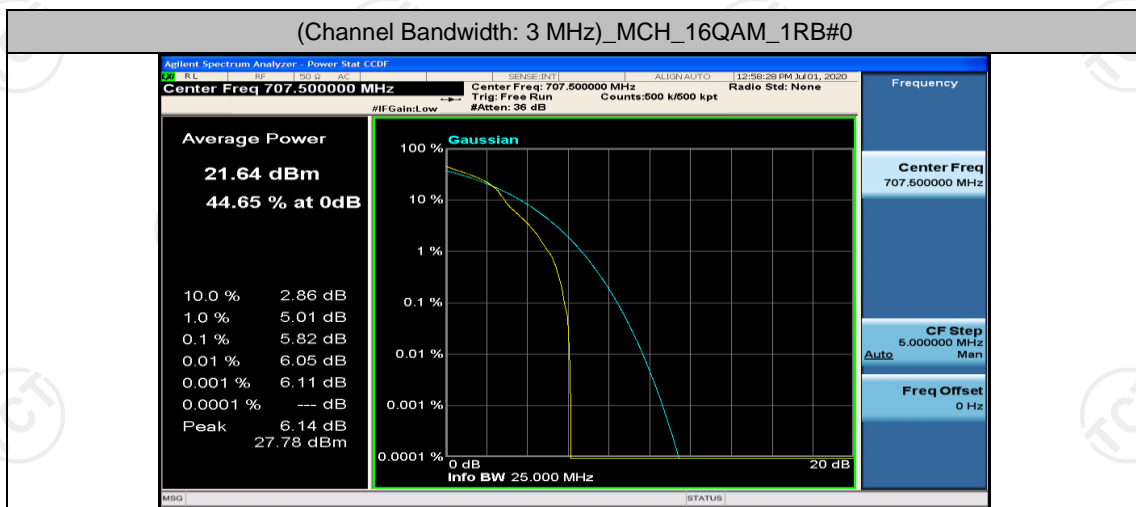
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7



(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



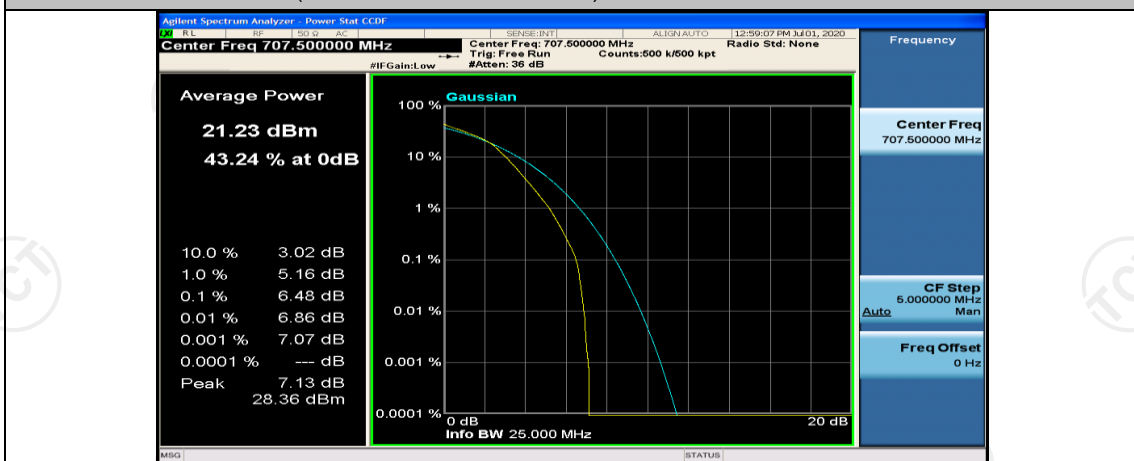
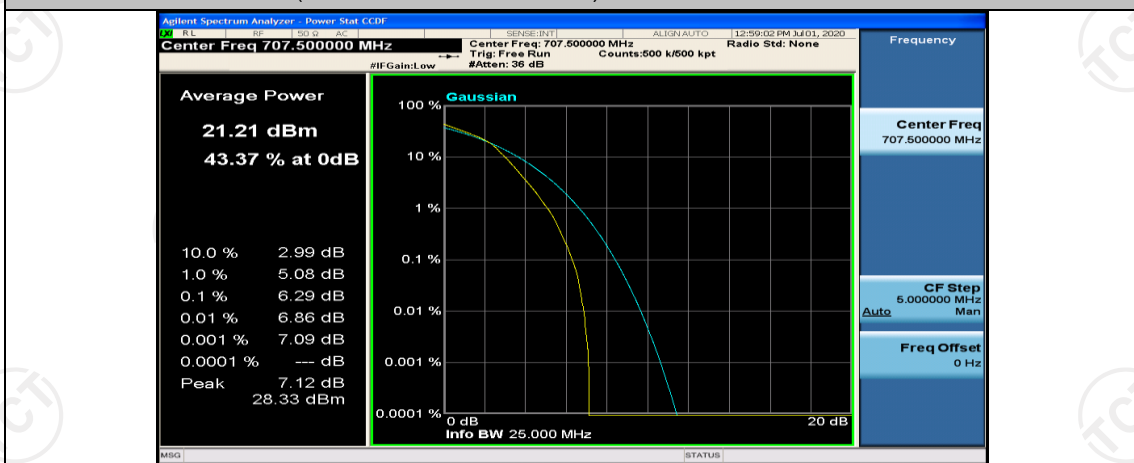
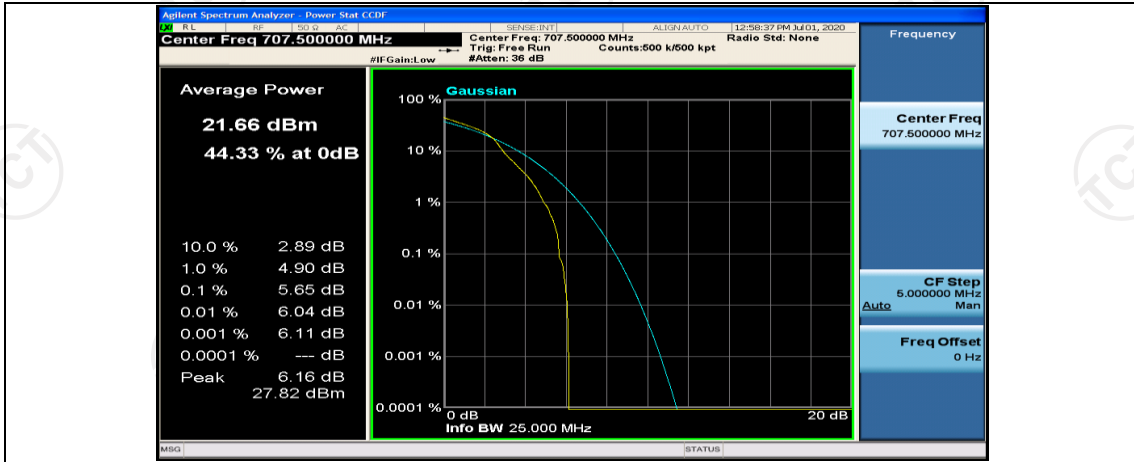
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

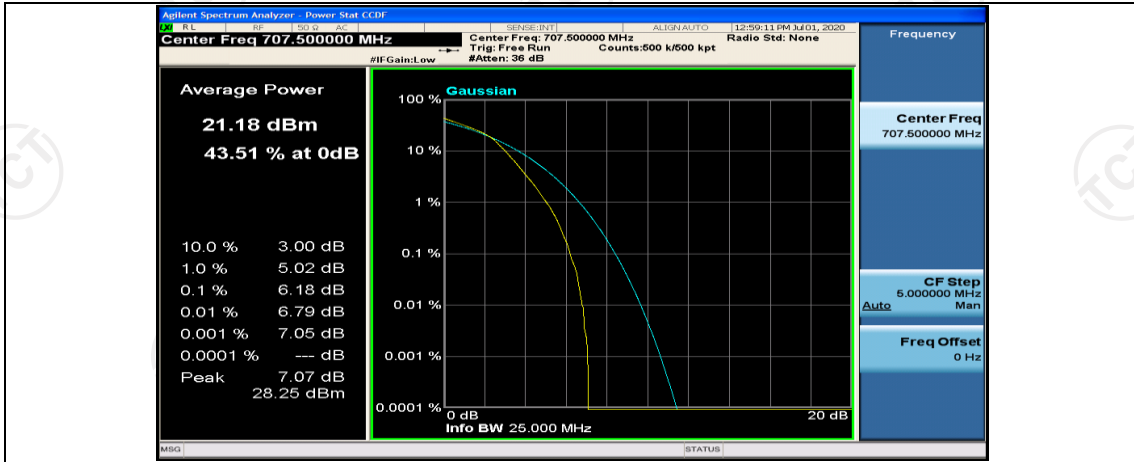


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

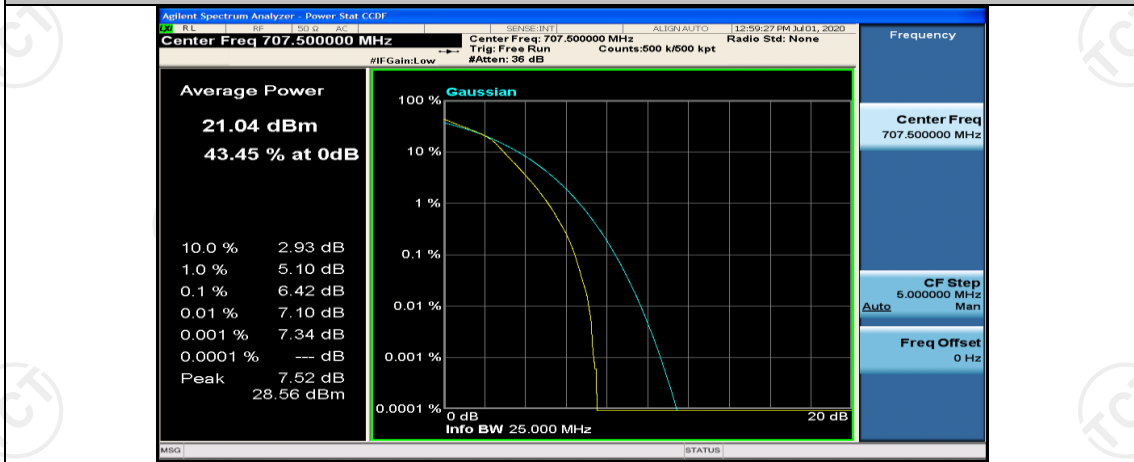


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

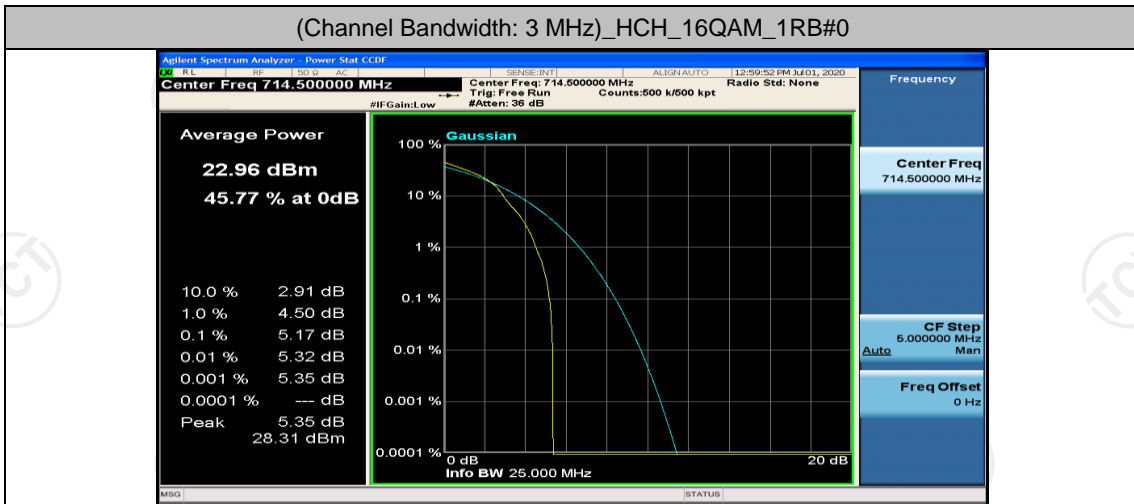




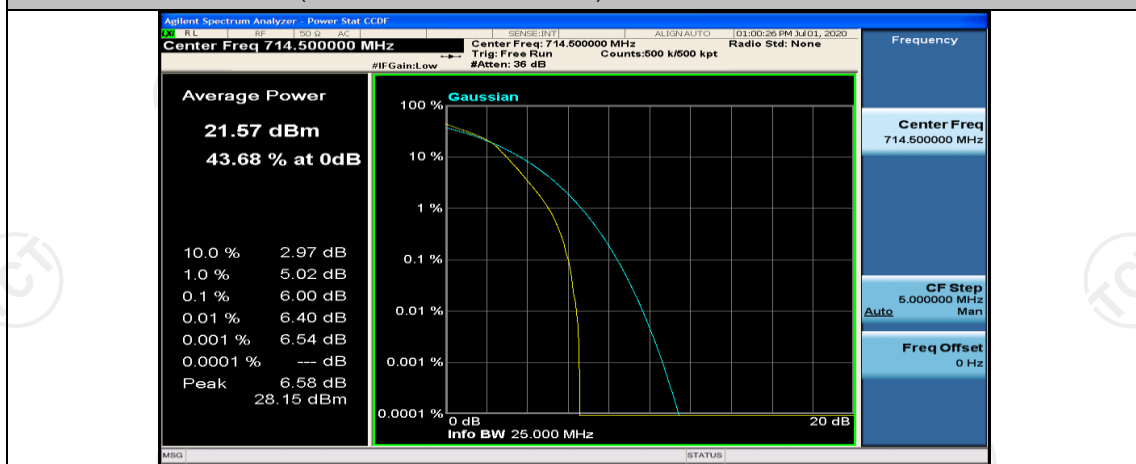
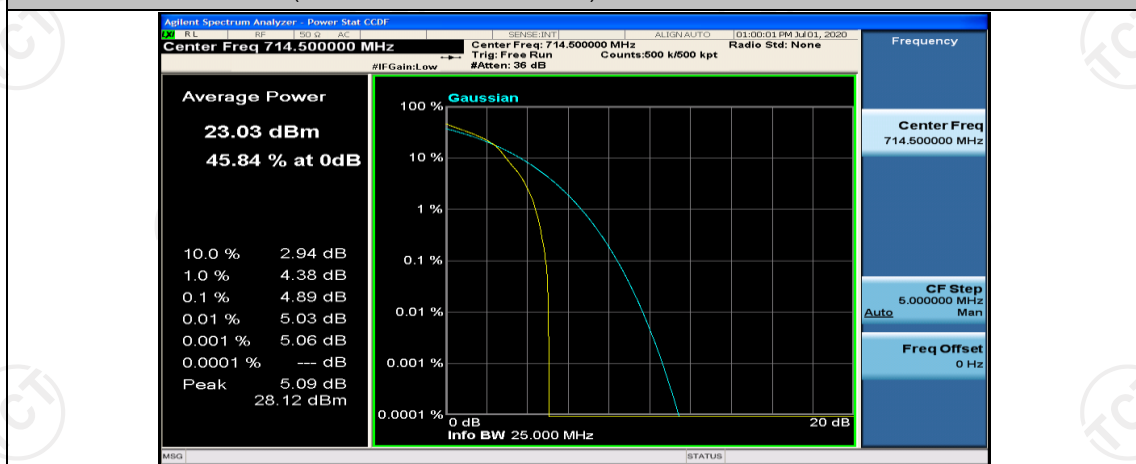
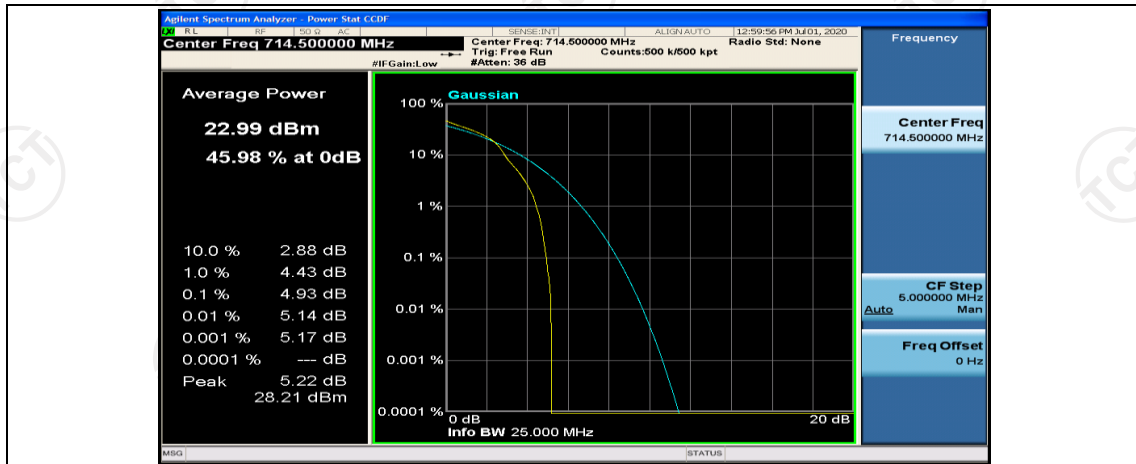
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0

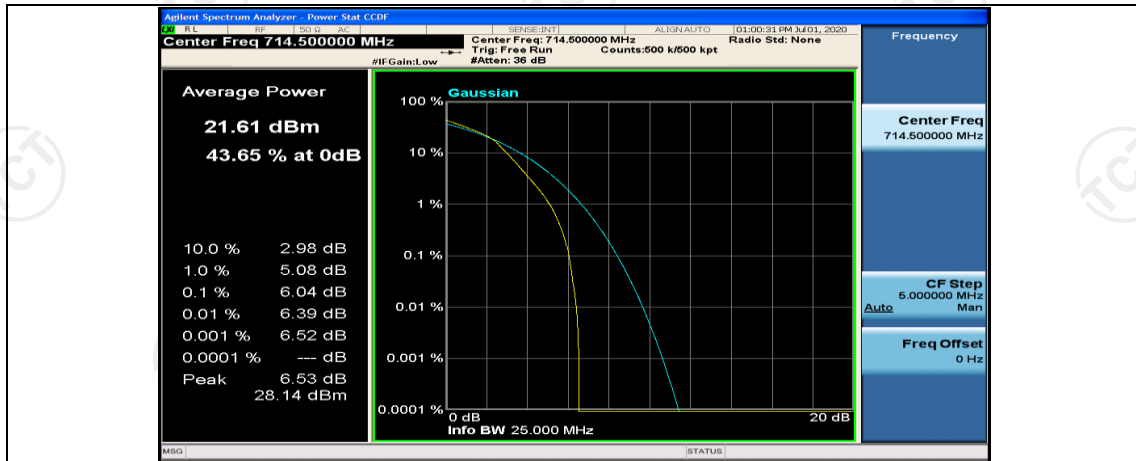


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0

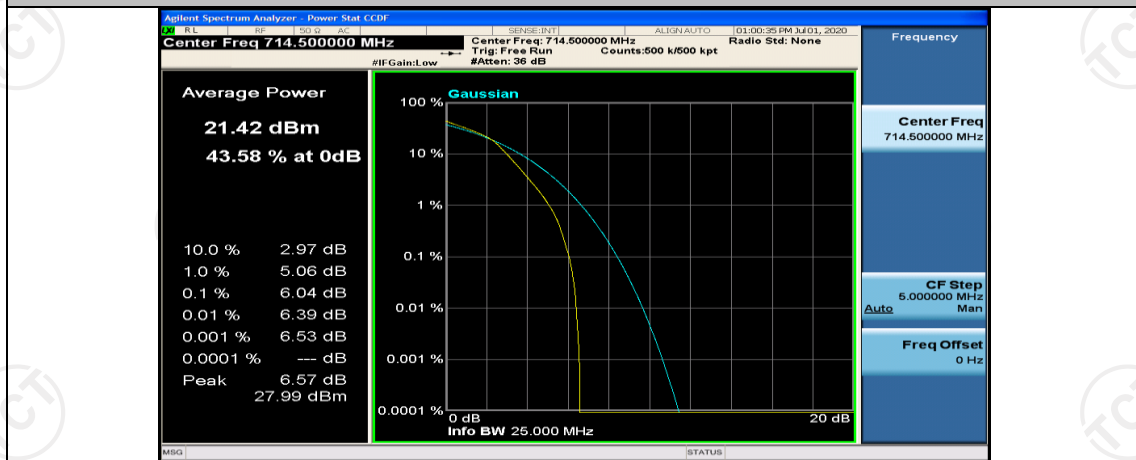


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7

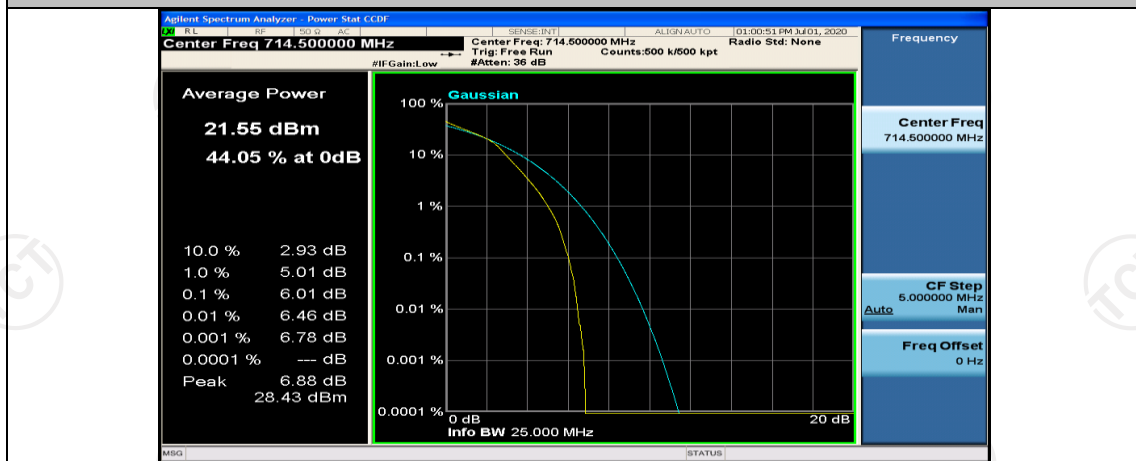




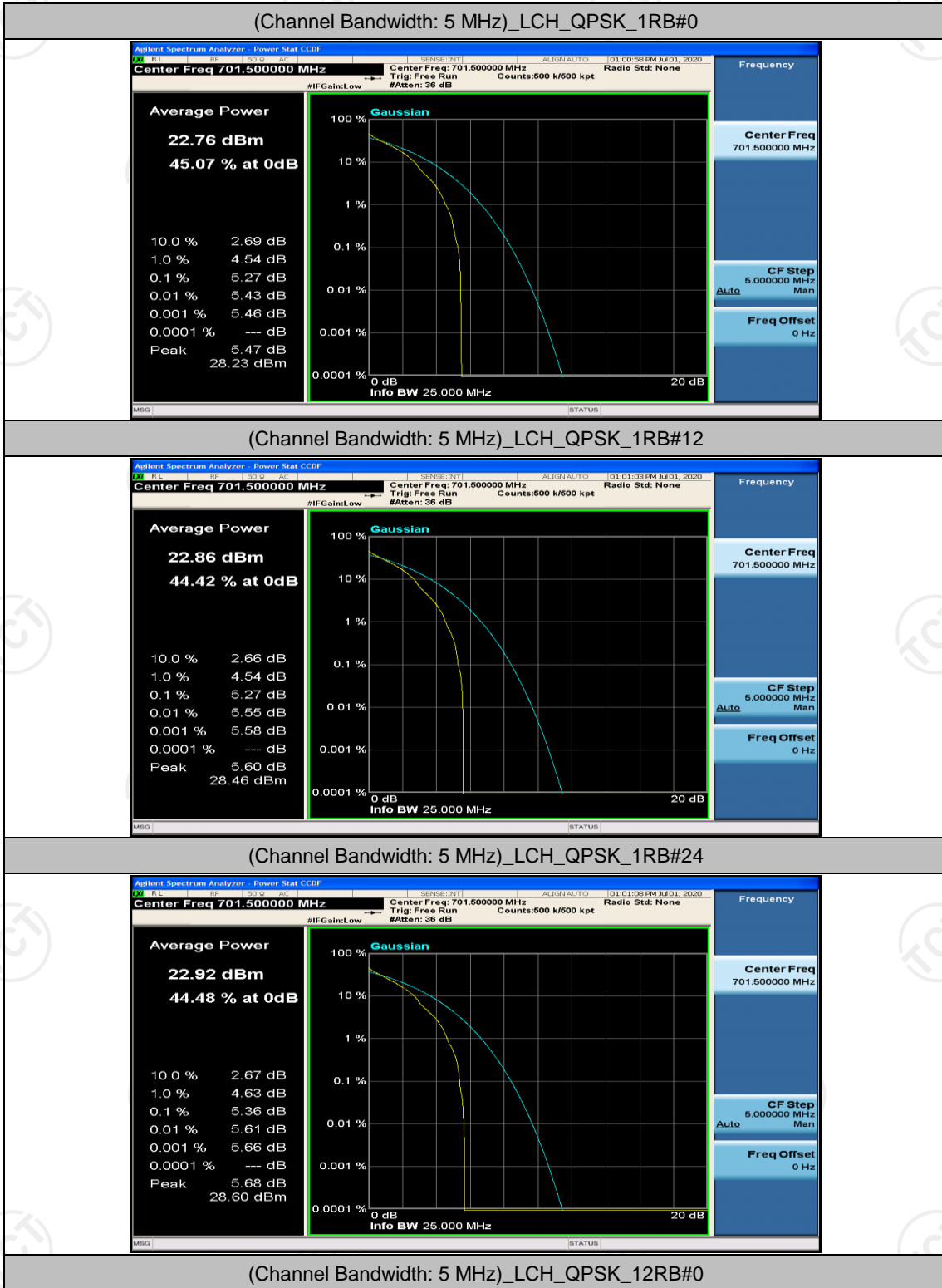
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7

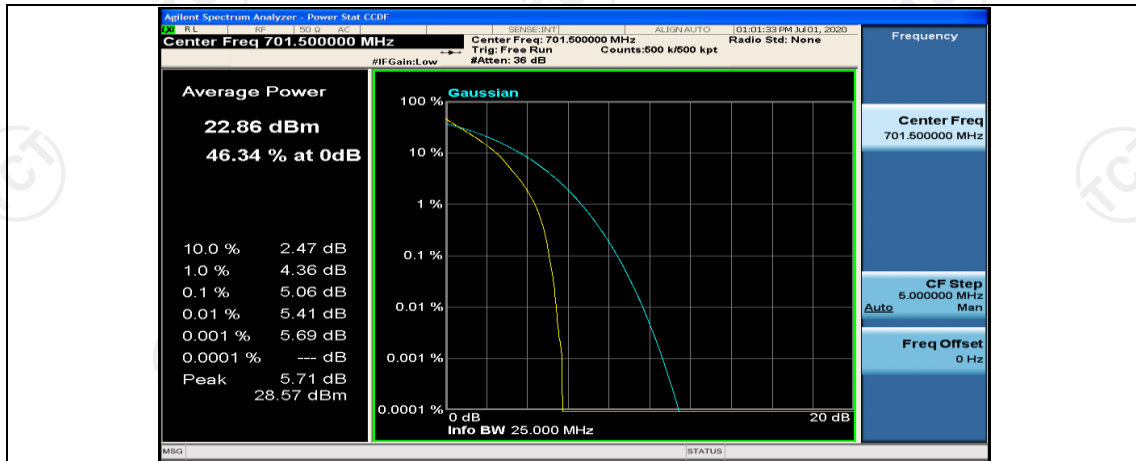


(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

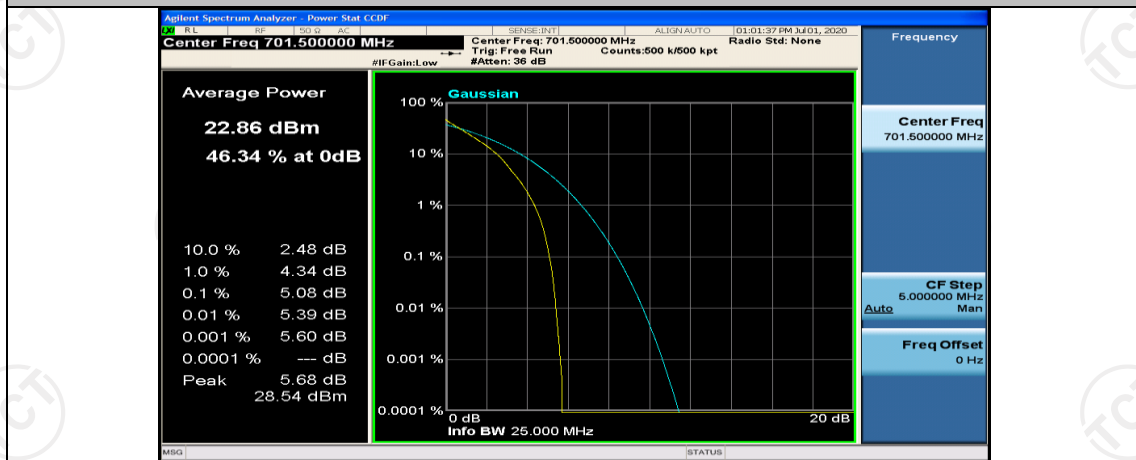


Channel Bandwidth: 5 MHz

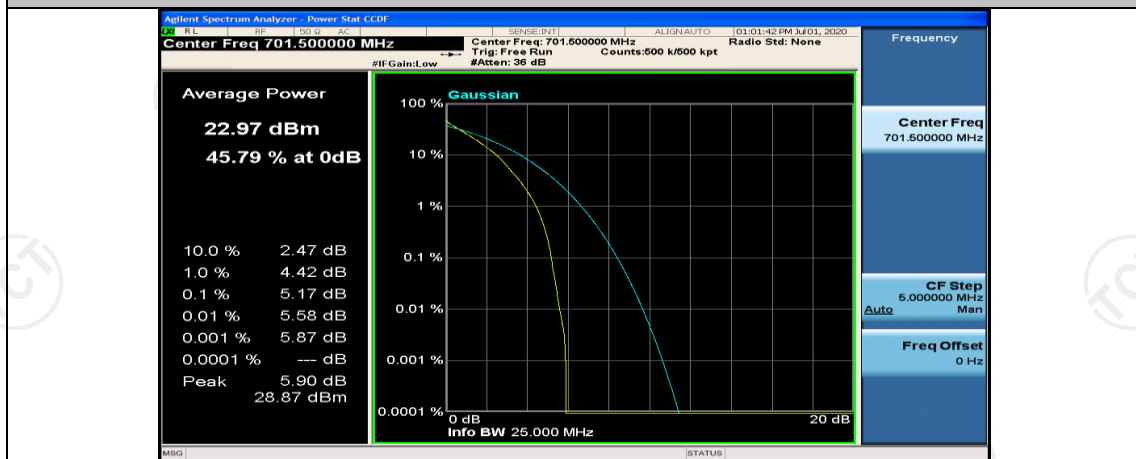




(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0