

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	23.00	23.20	PASS
		1	3	22.89	23.09	PASS
		1	5	22.89	23.09	PASS
		3	0	22.91	23.11	PASS
		3	2	22.90	23.10	PASS
		3	3	22.91	23.11	PASS
		6	0	22.90	23.10	PASS
	MCH	1	0	22.97	23.17	PASS
		1	3	22.97	23.17	PASS
		1	5	22.96	23.16	PASS
		3	0	23.01	23.21	PASS
		3	2	22.99	23.19	PASS
		3	3	22.98	23.18	PASS
		6	0	22.84	23.04	PASS
	HCH	1	0	22.81	23.01	PASS
		1	3	22.74	22.94	PASS
		1	5	22.78	22.98	PASS
		3	0	22.78	22.98	PASS
		3	2	22.78	22.98	PASS
		3	3	22.86	23.06	PASS
		6	0	22.93	23.13	PASS
16QAM	LCH	1	0	22.23	22.43	PASS
		1	3	22.23	22.43	PASS
		1	5	22.29	22.49	PASS
		3	0	21.59	21.79	PASS
		3	2	21.59	21.79	PASS
		3	3	21.55	21.75	PASS
		6	0	21.01	21.21	PASS
	MCH	1	0	21.70	21.90	PASS
		1	3	21.73	21.93	PASS
		1	5	21.71	21.91	PASS
		3	0	21.83	22.03	PASS

		3	2	21.80	22.00	PASS
		3	3	21.90	22.10	PASS
		6	0	21.01	21.21	PASS
	HCH	1	0	22.46	22.66	PASS
		1	3	22.45	22.65	PASS
		1	5	22.47	22.67	PASS
		3	0	21.50	21.70	PASS
		3	2	21.53	21.73	PASS
		3	3	21.55	21.75	PASS
		6	0	20.83	21.03	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	22.78	22.98	PASS	
		1	7	22.81	23.01	PASS	
		1	14	22.75	22.95	PASS	
		8	0	22.90	23.10	PASS	
		8	4	22.89	23.09	PASS	
		8	7	23.01	23.21	PASS	
		15	0	22.93	23.13	PASS	
	MCH	1	0	22.97	23.17	PASS	
		1	7	22.98	23.18	PASS	
		1	14	23.00	23.20	PASS	
		8	0	22.90	23.10	PASS	
		8	4	22.89	23.09	PASS	
		8	7	22.97	23.17	PASS	
		15	0	22.88	23.08	PASS	
	HCH	1	0	22.87	23.07	PASS	
		1	7	22.82	23.02	PASS	
		1	14	22.81	23.01	PASS	
		8	0	22.82	23.02	PASS	
		8	4	22.89	23.09	PASS	
		8	7	22.80	23.00	PASS	
		15	0	22.78	22.98	PASS	
	16QAM	LCH	1	0	21.94	22.14	PASS
			1	7	21.98	22.18	PASS
			1	14	21.95	22.15	PASS
8			0	21.17	21.37	PASS	

		8	4	21.13	21.33	PASS
		8	7	21.17	21.37	PASS
		15	0	20.97	21.17	PASS
	MCH	1	0	21.71	21.91	PASS
		1	7	21.66	21.86	PASS
		1	14	21.72	21.92	PASS
		8	0	21.09	21.29	PASS
		8	4	21.10	21.30	PASS
		8	7	21.05	21.25	PASS
		15	0	20.81	21.01	PASS
	HCH	1	0	22.53	22.73	PASS
		1	7	22.53	22.73	PASS
		1	14	22.51	22.71	PASS
		8	0	21.04	21.24	PASS
		8	4	21.05	21.25	PASS
8		7	21.06	21.26	PASS	
15		0	20.94	21.14	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	22.95	23.15	PASS
		1	12	22.99	23.19	PASS
		1	24	22.94	23.14	PASS
		12	0	22.95	23.15	PASS
		12	6	23.03	23.23	PASS
		12	13	22.84	23.04	PASS
		25	0	23.01	23.21	PASS
	MCH	1	0	22.98	23.18	PASS
		1	12	22.95	23.15	PASS
		1	24	22.94	23.14	PASS
		12	0	23.02	23.22	PASS
		12	6	23.01	23.21	PASS
		12	13	22.87	23.07	PASS
		25	0	22.83	23.03	PASS
	HCH	1	0	23.01	23.21	PASS
		1	12	22.88	23.08	PASS
		1	24	22.88	23.08	PASS
		12	0	22.84	23.04	PASS

16QAM		12	6	22.84	23.04	PASS
		12	13	22.86	23.06	PASS
		25	0	22.89	23.09	PASS
	LCH	1	0	21.39	21.59	PASS
		1	12	21.32	21.52	PASS
		1	24	21.32	21.52	PASS
		12	0	21.07	21.27	PASS
		12	6	20.99	21.19	PASS
		12	13	21.03	21.23	PASS
		25	0	21.14	21.34	PASS
		MCH	1	0	21.83	22.03
	1		12	21.84	22.04	PASS
	1		24	21.82	22.02	PASS
	12		0	20.94	21.14	PASS
	12		6	20.96	21.16	PASS
	12		13	20.84	21.04	PASS
	25		0	20.74	20.94	PASS
	HCH	1	0	21.96	22.16	PASS
		1	12	21.84	22.04	PASS
		1	24	21.99	22.19	PASS
		12	0	20.81	21.01	PASS
		12	6	20.84	21.04	PASS
		12	13	20.85	21.05	PASS
		25	0	20.89	21.09	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	22.90	23.10	PASS
		1	24	22.85	23.05	PASS
		1	49	22.79	22.99	PASS
		25	0	22.94	23.14	PASS
		25	12	22.92	23.12	PASS
		25	25	22.98	23.18	PASS
		50	0	22.83	23.03	PASS
	MCH	1	0	22.86	23.06	PASS
		1	24	22.91	23.11	PASS
		1	49	22.76	22.96	PASS
		25	0	22.93	23.13	PASS

		25	12	22.92	23.12	PASS
		25	25	22.93	23.13	PASS
		50	0	22.89	23.09	PASS
	HCH	1	0	23.07	23.27	PASS
		1	24	22.93	23.13	PASS
		1	49	22.87	23.07	PASS
		25	0	22.82	23.02	PASS
		25	12	22.81	23.01	PASS
		25	25	22.90	23.10	PASS
		50	0	22.80	23.00	PASS
16QAM	LCH	1	0	21.68	21.88	PASS
		1	24	21.69	21.89	PASS
		1	49	21.69	21.89	PASS
		25	0	20.94	21.14	PASS
		25	12	20.95	21.15	PASS
		25	25	20.91	21.11	PASS
		50	0	21.04	21.24	PASS
	MCH	1	0	21.58	21.78	PASS
		1	24	21.60	21.80	PASS
		1	49	21.42	21.62	PASS
		25	0	21.06	21.26	PASS
		25	12	21.10	21.30	PASS
		25	25	21.00	21.20	PASS
		50	0	20.96	21.16	PASS
	HCH	1	0	21.78	21.98	PASS
		1	24	21.73	21.93	PASS
		1	49	21.69	21.89	PASS
		25	0	21.14	21.34	PASS
		25	12	21.16	21.36	PASS
		25	25	21.00	21.20	PASS
		50	0	21.03	21.23	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	4.52	<13	PASS
		1	3	4.55	<13	PASS
		1	5	4.49	<13	PASS
		3	0	4.54	<13	PASS
		3	2	4.67	<13	PASS
		3	3	4.56	<13	PASS
		6	0	4.55	<13	PASS
	MCH	1	0	4.25	<13	PASS
		1	3	4.2	<13	PASS
		1	5	4.34	<13	PASS
		3	0	4.29	<13	PASS
		3	2	4.27	<13	PASS
		3	3	4.34	<13	PASS
		6	0	4.36	<13	PASS
	HCH	1	0	3.94	<13	PASS
		1	3	3.87	<13	PASS
		1	5	3.94	<13	PASS
		3	0	4.1	<13	PASS
		3	2	4.09	<13	PASS
		3	3	4.04	<13	PASS
		6	0	4.13	<13	PASS
16QAM	LCH	1	0	5.17	<13	PASS
		1	3	5.21	<13	PASS
		1	5	5.18	<13	PASS
		3	0	5.59	<13	PASS
		3	2	5.56	<13	PASS
		3	3	5.6	<13	PASS
		6	0	5.94	<13	PASS
	MCH	1	0	4.81	<13	PASS
		1	3	4.88	<13	PASS

		1	5	4.81	<13	PASS
		3	0	5.23	<13	PASS
		3	2	5.24	<13	PASS
		3	3	5.24	<13	PASS
		6	0	5.75	<13	PASS
	HCH	1	0	4.95	<13	PASS
		1	3	4.77	<13	PASS
		1	5	4.88	<13	PASS
		3	0	4.96	<13	PASS
		3	2	4.89	<13	PASS
		3	3	4.86	<13	PASS
		6	0	5.56	<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	4.44	<13	PASS	
		1	7	4.48	<13	PASS	
		1	14	4.52	<13	PASS	
		8	0	4.55	<13	PASS	
		8	4	4.58	<13	PASS	
		8	7	4.5	<13	PASS	
		15	0	4.6	<13	PASS	
	MCH	1	0	4.21	<13	PASS	
		1	7	4.29	<13	PASS	
		1	14	4.41	<13	PASS	
		8	0	4.22	<13	PASS	
		8	4	4.22	<13	PASS	
		8	7	4.36	<13	PASS	
		15	0	4.28	<13	PASS	
	HCH	1	0	3.94	<13	PASS	
		1	7	3.75	<13	PASS	
		1	14	3.77	<13	PASS	
		8	0	4.19	<13	PASS	
		8	4	4.14	<13	PASS	
		8	7	4.06	<13	PASS	
		15	0	4.17	<13	PASS	
	16QAM	LCH	1	0	5.45	<13	PASS
			1	7	5.37	<13	PASS

		1	14	5.62	<13	PASS
		8	0	6.03	<13	PASS
		8	4	5.95	<13	PASS
		8	7	5.95	<13	PASS
		15	0	6.06	<13	PASS
	MCH	1	0	5.08	<13	PASS
		1	7	5.14	<13	PASS
		1	14	5.42	<13	PASS
		8	0	5.74	<13	PASS
		8	4	5.76	<13	PASS
		8	7	5.74	<13	PASS
		15	0	5.97	<13	PASS
	HCH	1	0	5.06	<13	PASS
		1	7	5.02	<13	PASS
		1	14	4.88	<13	PASS
		8	0	5.76	<13	PASS
		8	4	5.65	<13	PASS
		8	7	5.66	<13	PASS
		15	0	5.86	<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	4.6	<13	PASS
		1	12	4.63	<13	PASS
		1	24	4.56	<13	PASS
		12	0	4.47	<13	PASS
		12	6	4.49	<13	PASS
		12	13	4.4	<13	PASS
		25	0	4.51	<13	PASS
	MCH	1	0	4.25	<13	PASS
		1	12	4.36	<13	PASS
		1	24	4.55	<13	PASS
		12	0	4.2	<13	PASS
		12	6	4.22	<13	PASS
		12	13	4.33	<13	PASS
		25	0	4.33	<13	PASS
	HCH	1	0	4.41	<13	PASS
		1	12	4.13	<13	PASS

16QAM		1	24	4.02	<13	PASS	
		12	0	4.4	<13	PASS	
		12	6	4.35	<13	PASS	
		12	13	4.17	<13	PASS	
		25	0	4.22	<13	PASS	
	LCH		1	0	5.64	<13	PASS
			1	12	5.55	<13	PASS
			1	24	5.56	<13	PASS
			12	0	6	<13	PASS
			12	6	5.95	<13	PASS
			12	13	5.89	<13	PASS
			25	0	5.89	<13	PASS
		MCH	1	0	5.37	<13	PASS
			1	12	5.42	<13	PASS
			1	24	5.69	<13	PASS
			12	0	5.79	<13	PASS
			12	6	5.76	<13	PASS
			12	13	5.98	<13	PASS
			25	0	5.8	<13	PASS
		HCH	1	0	5.25	<13	PASS
			1	12	5.08	<13	PASS
			1	24	4.89	<13	PASS
			12	0	5.95	<13	PASS
			12	6	5.92	<13	PASS
			12	13	5.87	<13	PASS
25			0	5.93	<13	PASS	

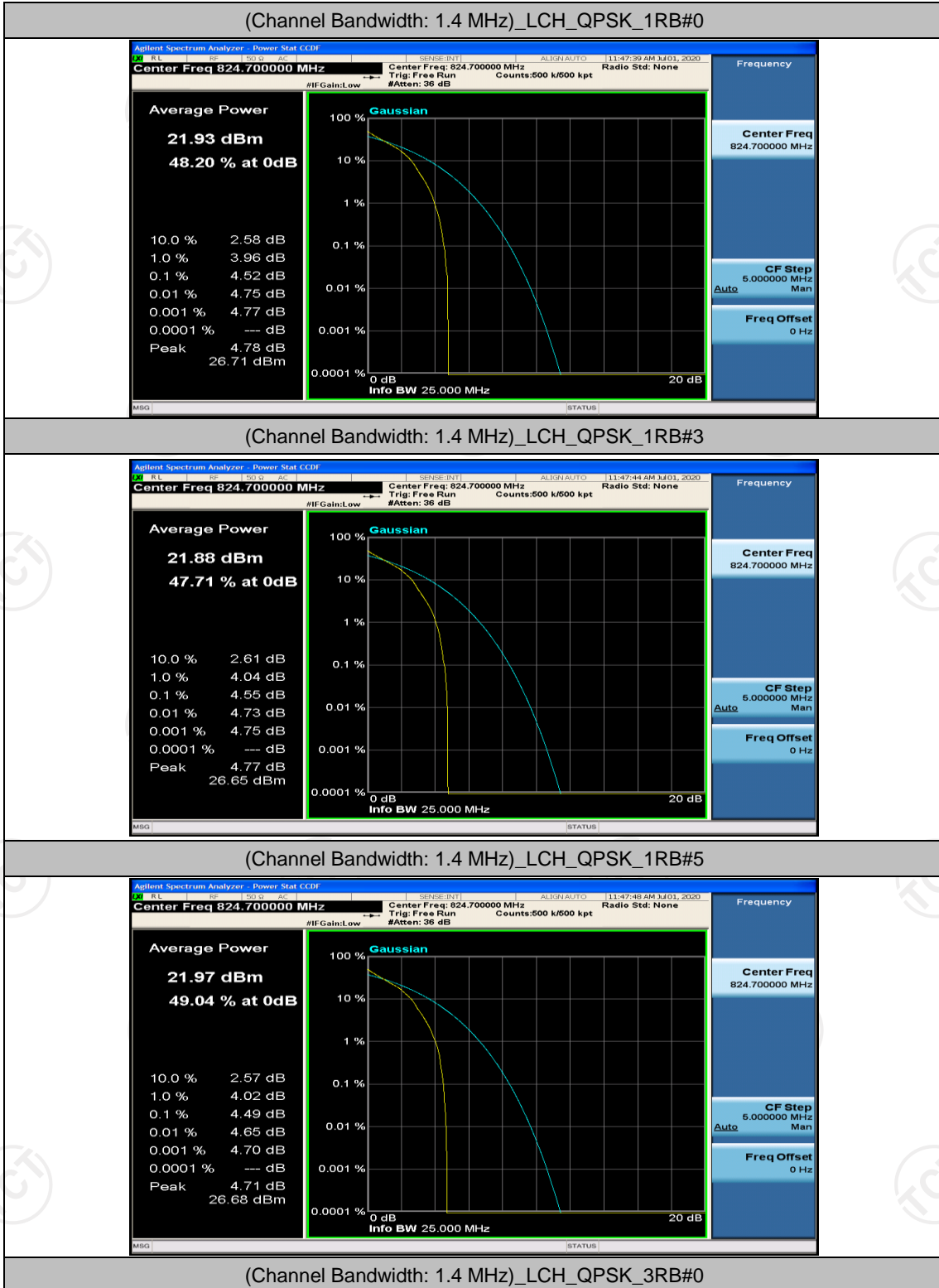
Channel Bandwidth: 10 MHz

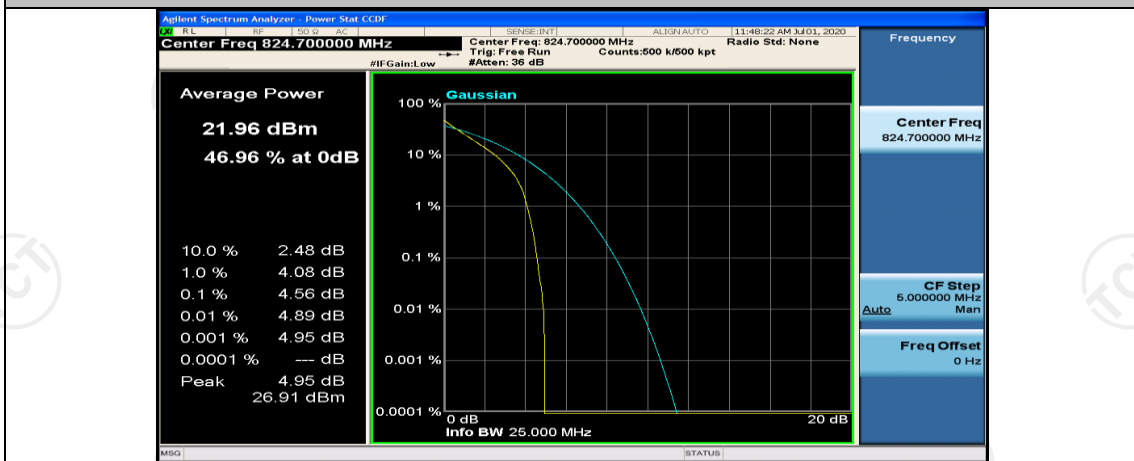
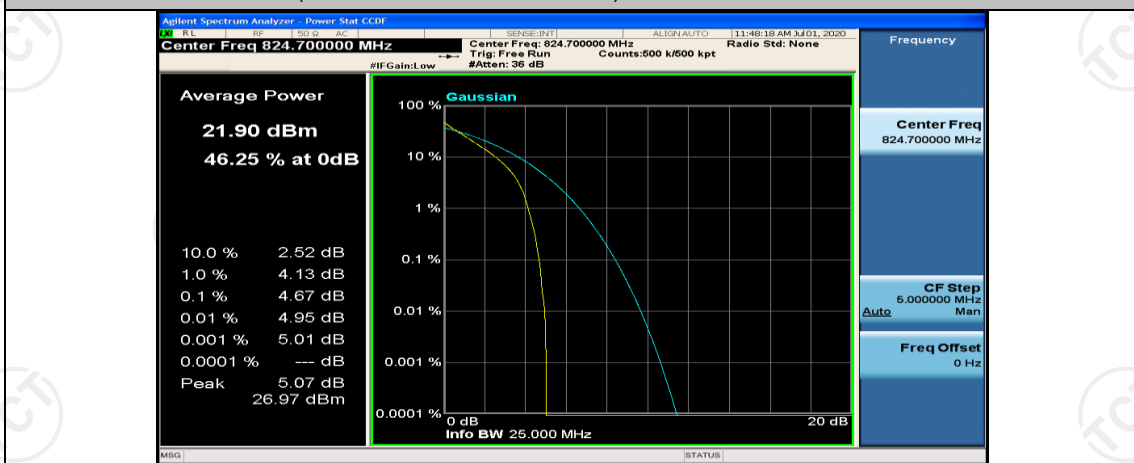
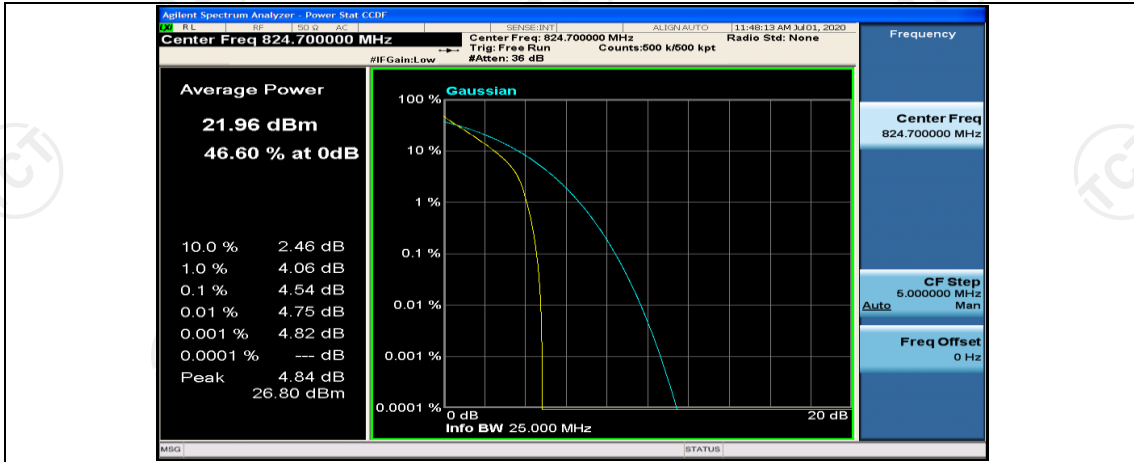
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.44	<13	PASS
		1	24	4.35	<13	PASS
		1	49	4.15	<13	PASS
		25	0	4.53	<13	PASS
		25	12	4.53	<13	PASS
		25	25	4.25	<13	PASS
		50	0	4.54	<13	PASS
	MCH	1	0	4.22	<13	PASS
		1	24	4.2	<13	PASS

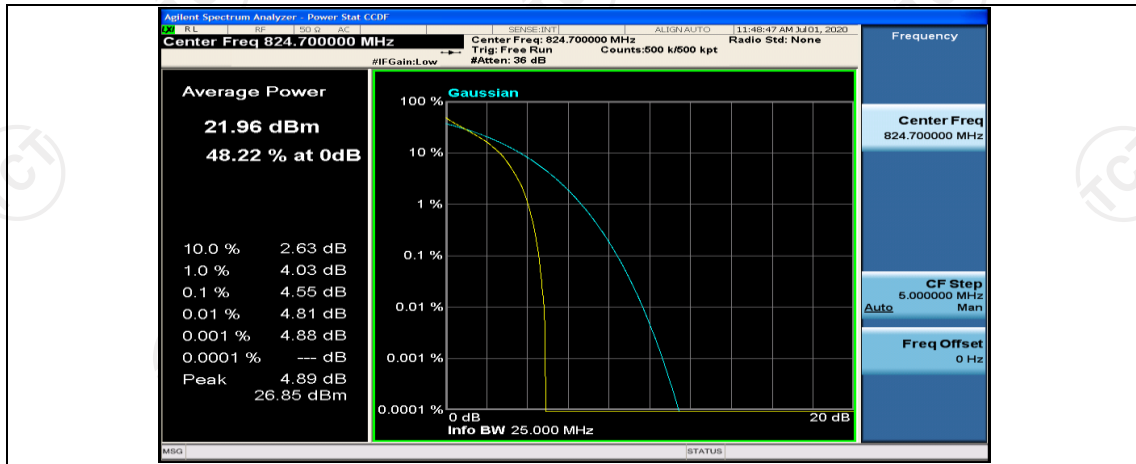
16QAM		1	49	4.55	<13	PASS	
		25	0	4.21	<13	PASS	
		25	12	4.24	<13	PASS	
		25	25	4.51	<13	PASS	
		50	0	4.47	<13	PASS	
	HCH	1	0	4.38	<13	PASS	
		1	24	4.19	<13	PASS	
		1	49	3.96	<13	PASS	
		25	0	4.65	<13	PASS	
		25	12	4.64	<13	PASS	
		25	25	4.26	<13	PASS	
		50	0	4.62	<13	PASS	
	LCH	1	0	5.58	<13	PASS	
		1	24	5.21	<13	PASS	
		1	49	5.17	<13	PASS	
		25	0	6	<13	PASS	
		25	12	6.07	<13	PASS	
		25	25	5.87	<13	PASS	
		50	0	5.9	<13	PASS	
		MCH	1	0	5.21	<13	PASS
			1	24	5.35	<13	PASS
			1	49	5.74	<13	PASS
			25	0	5.77	<13	PASS
			25	12	5.76	<13	PASS
			25	25	6.08	<13	PASS
	50		0	5.93	<13	PASS	
	HCH	1	0	5.46	<13	PASS	
		1	24	5.45	<13	PASS	
1		49	5.07	<13	PASS		
25		0	6.05	<13	PASS		
25		12	6.03	<13	PASS		
25		25	5.78	<13	PASS		
50		0	5.97	<13	PASS		

Test Graphs

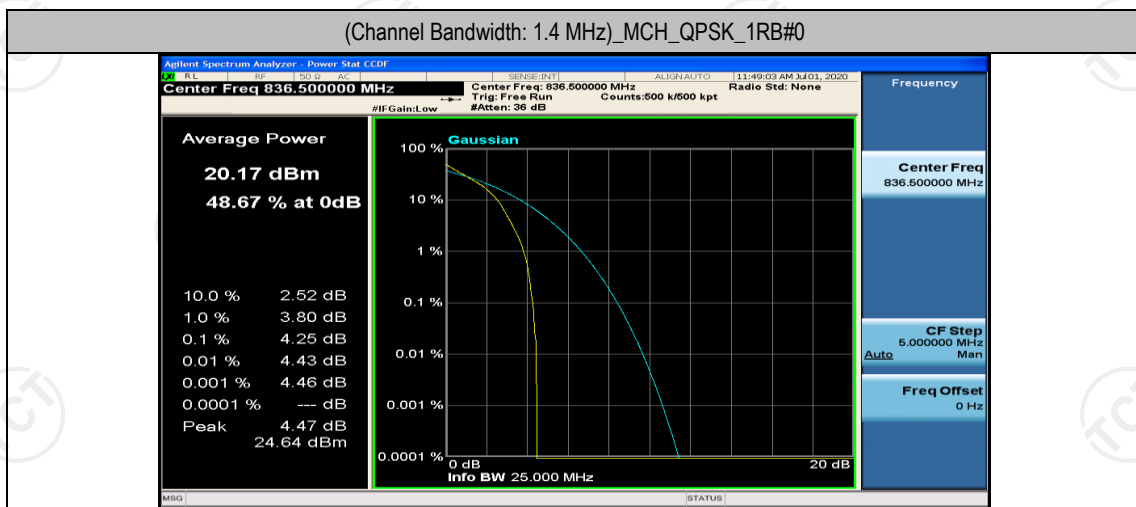
Channel Bandwidth: 1.4 MHz



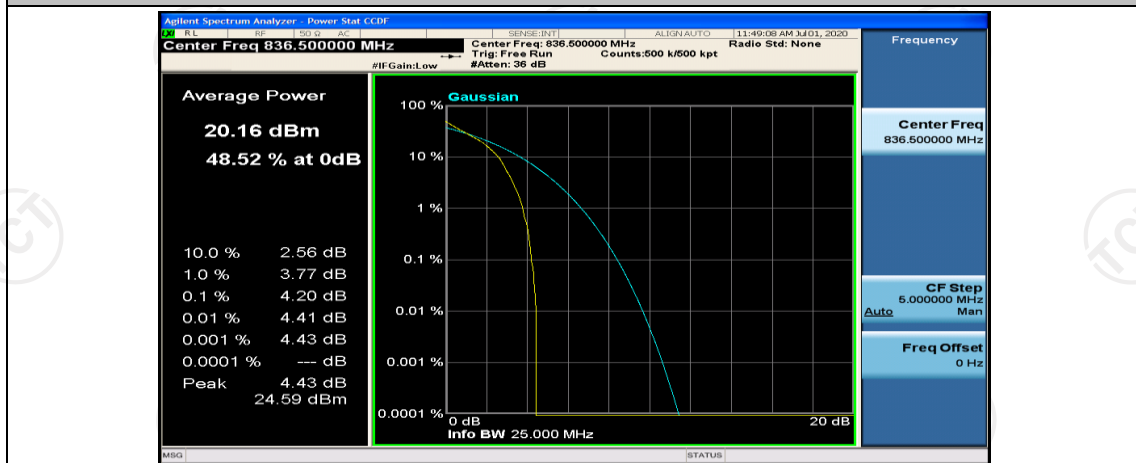




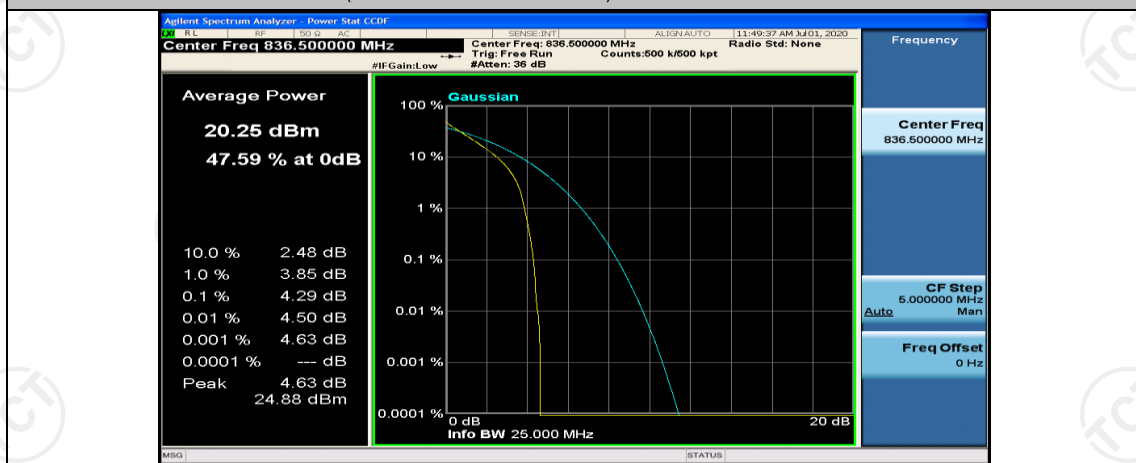
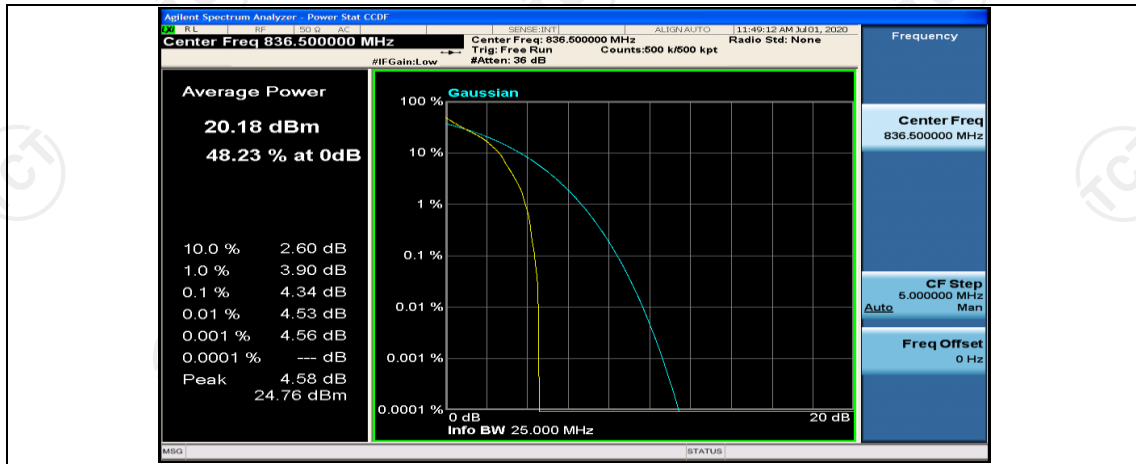
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

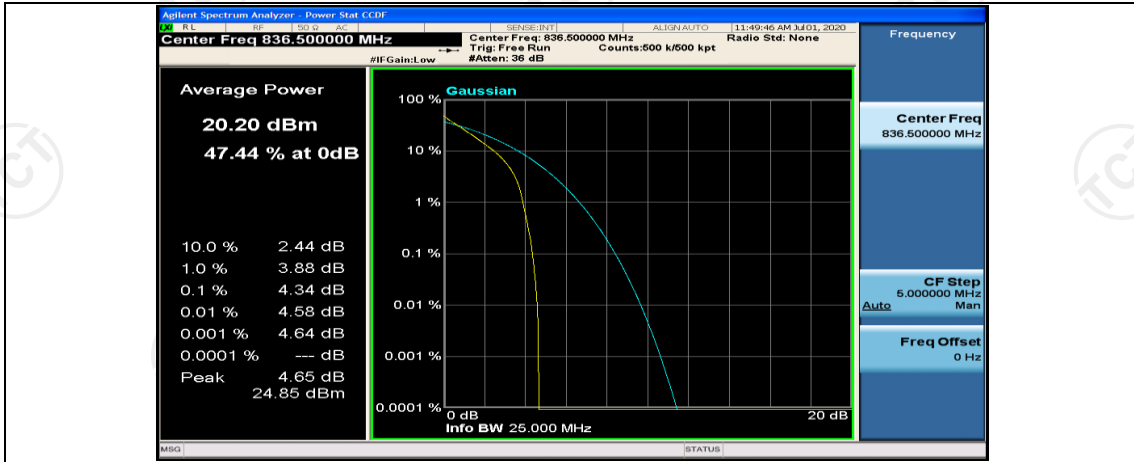


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

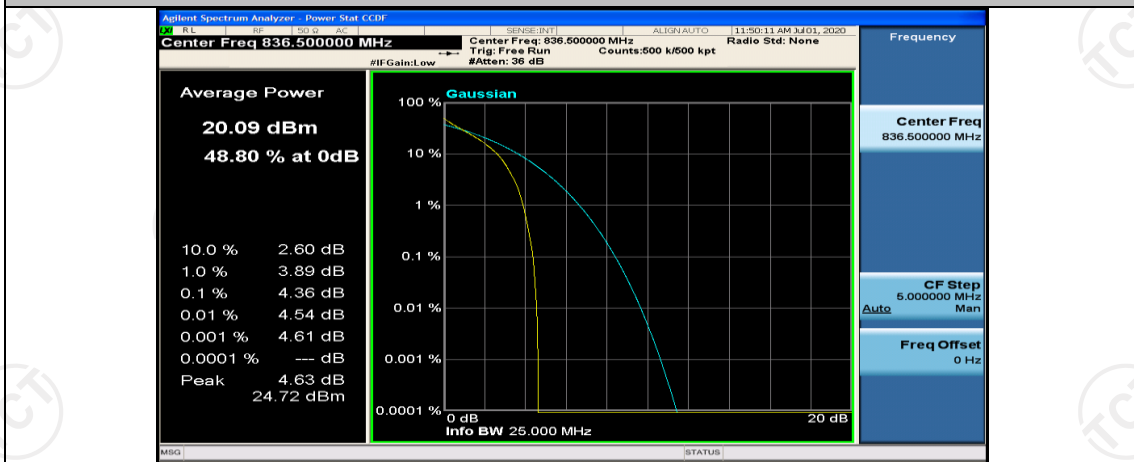


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

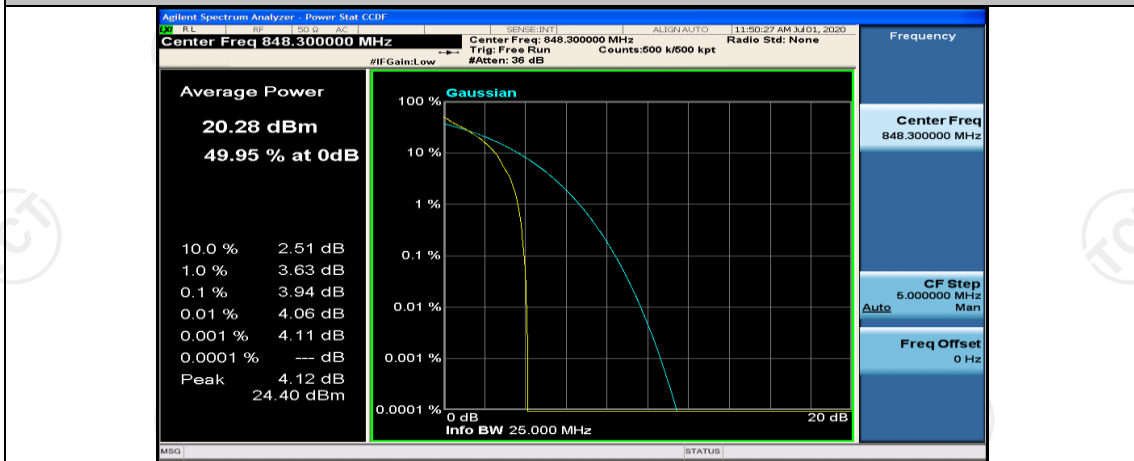




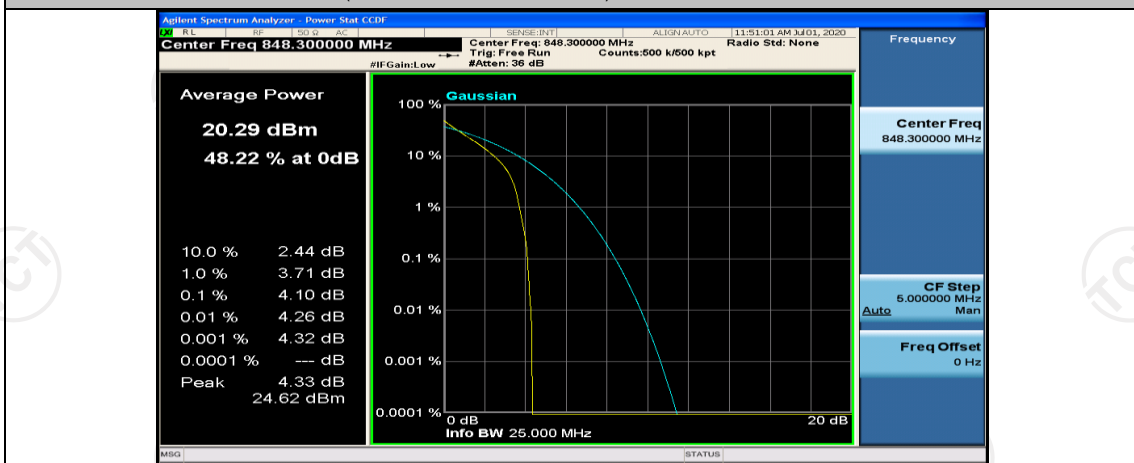
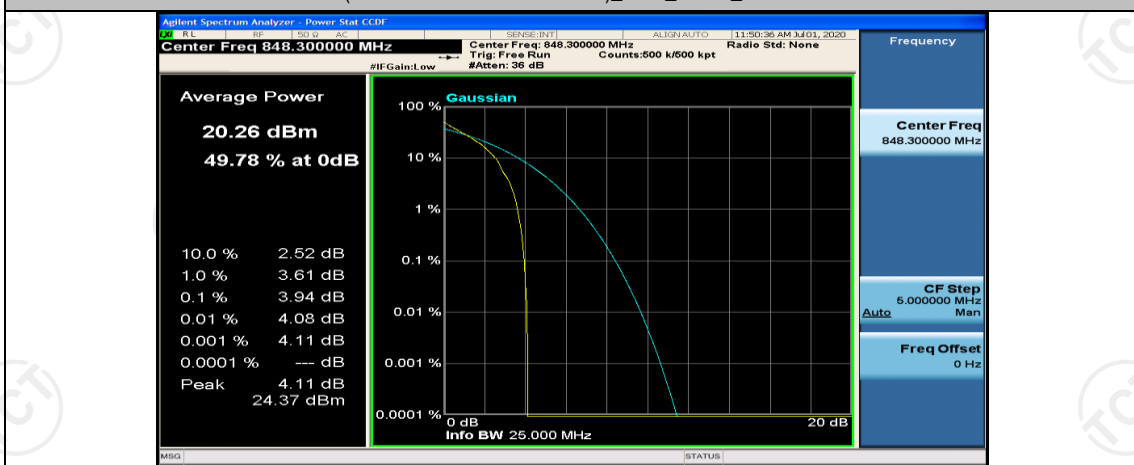
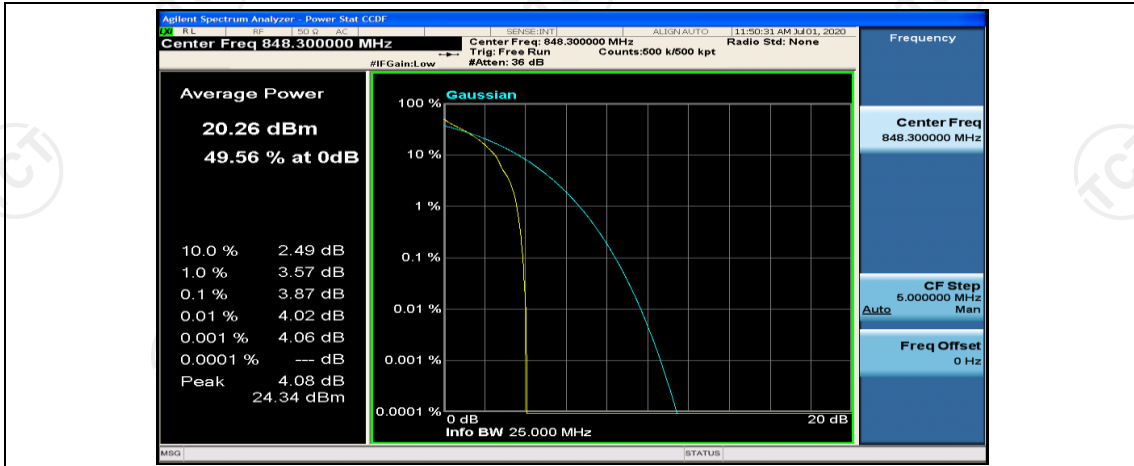
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0

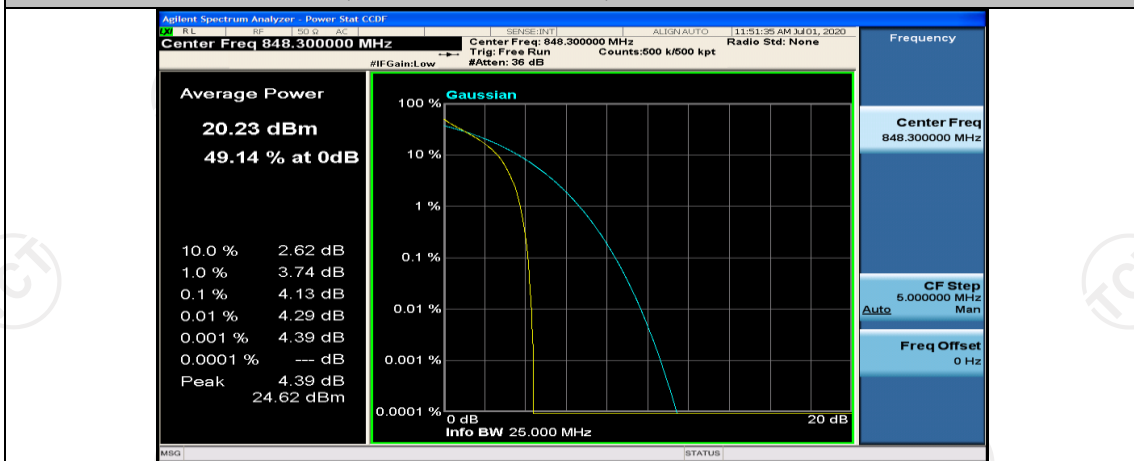
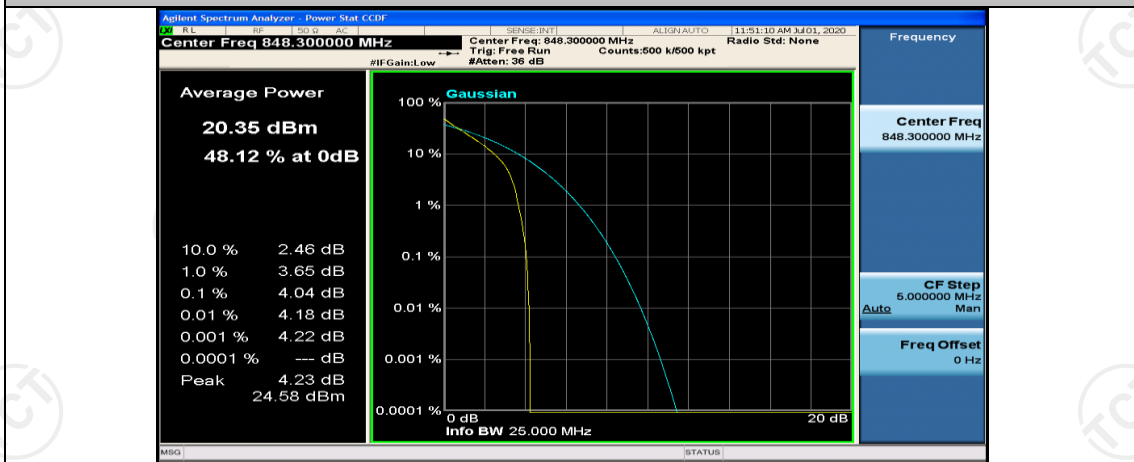
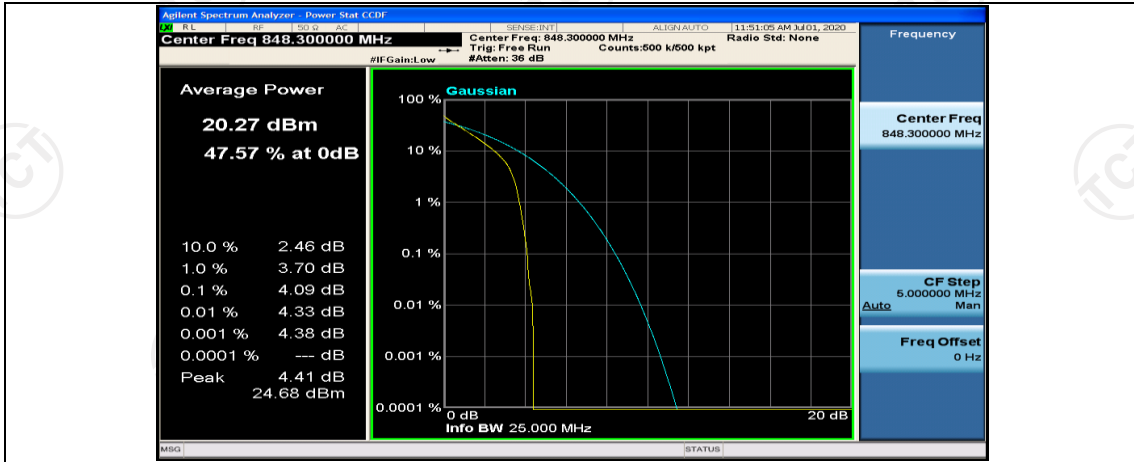


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

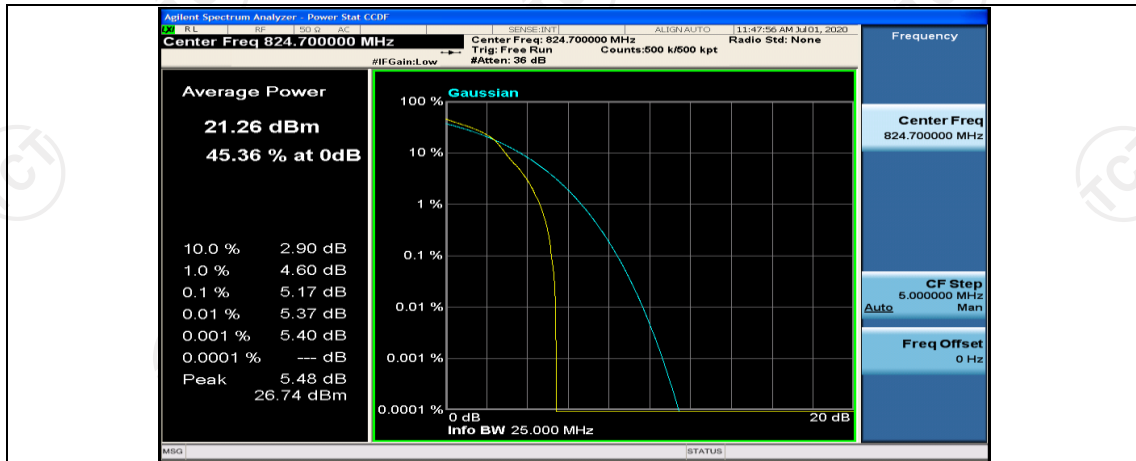


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3

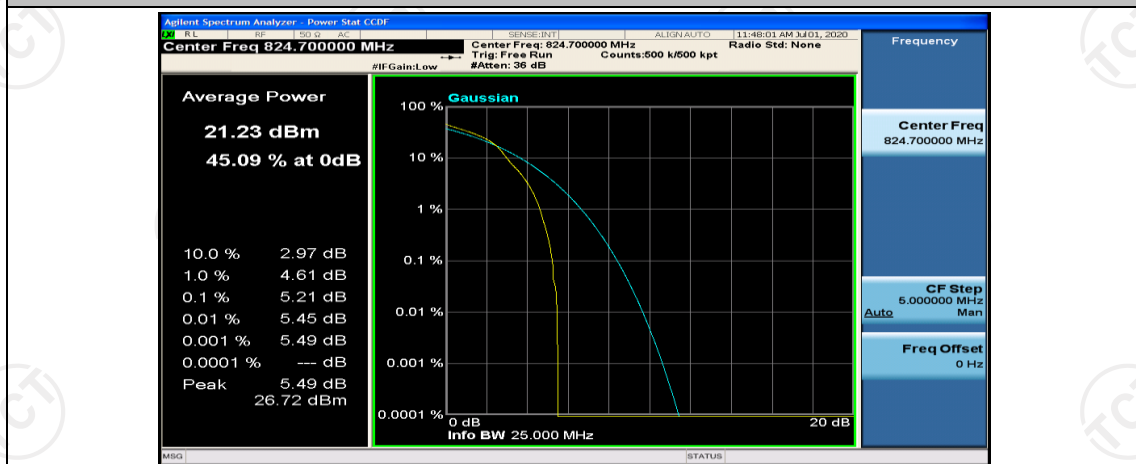




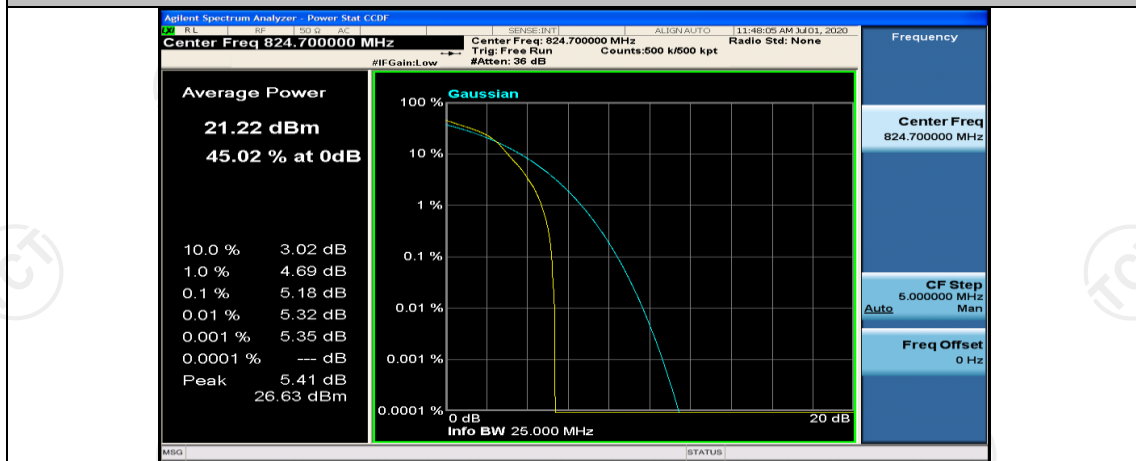
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



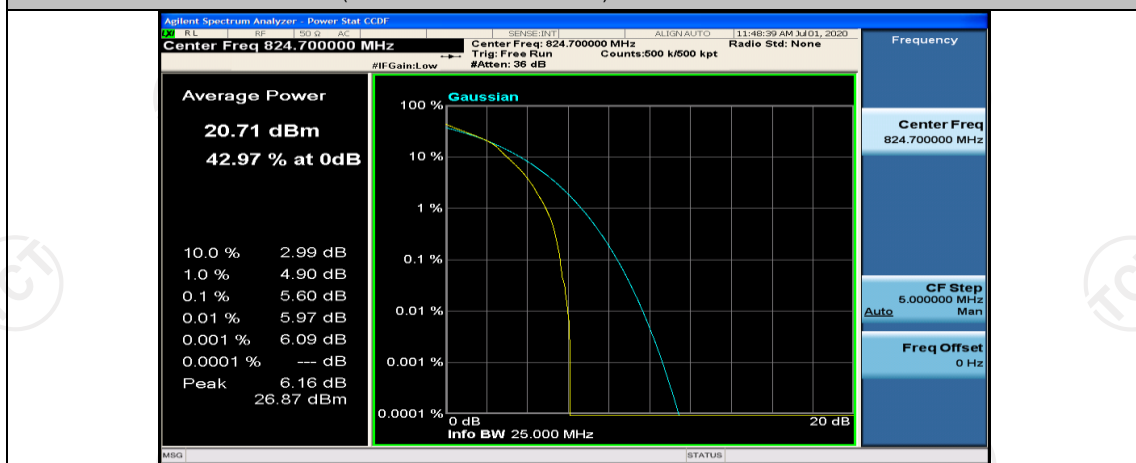
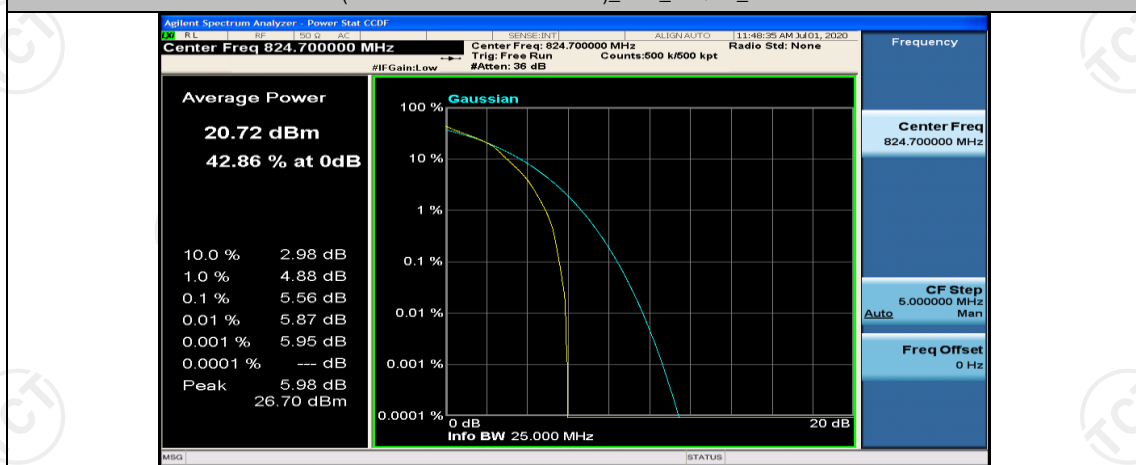
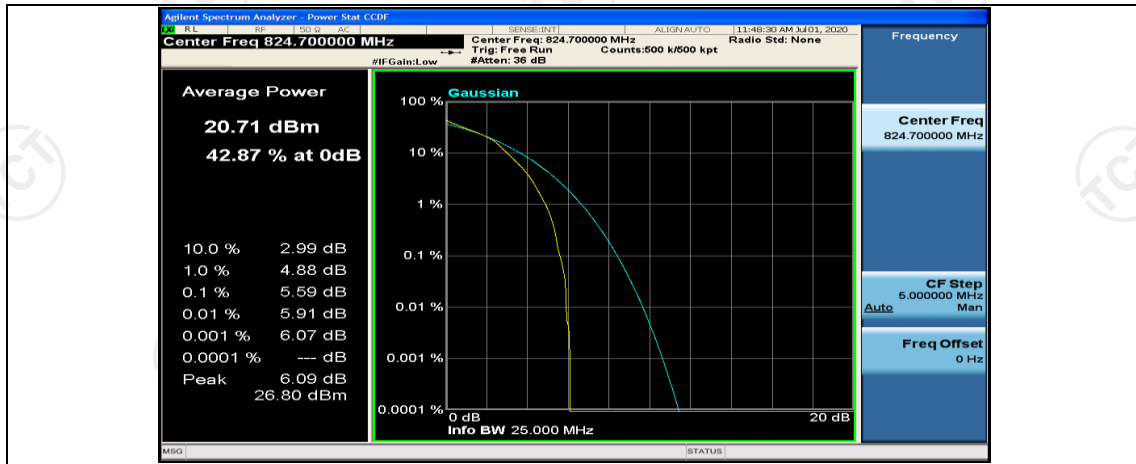
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3

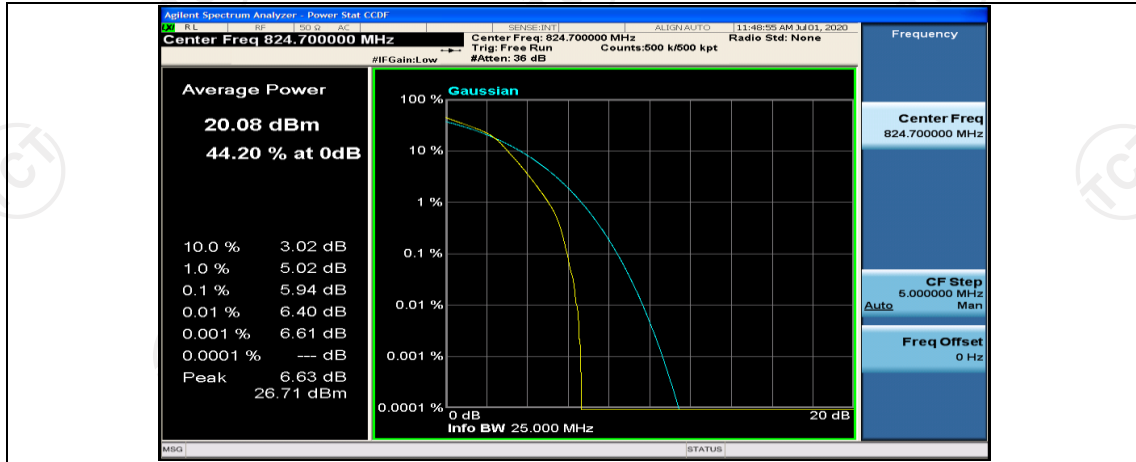


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5

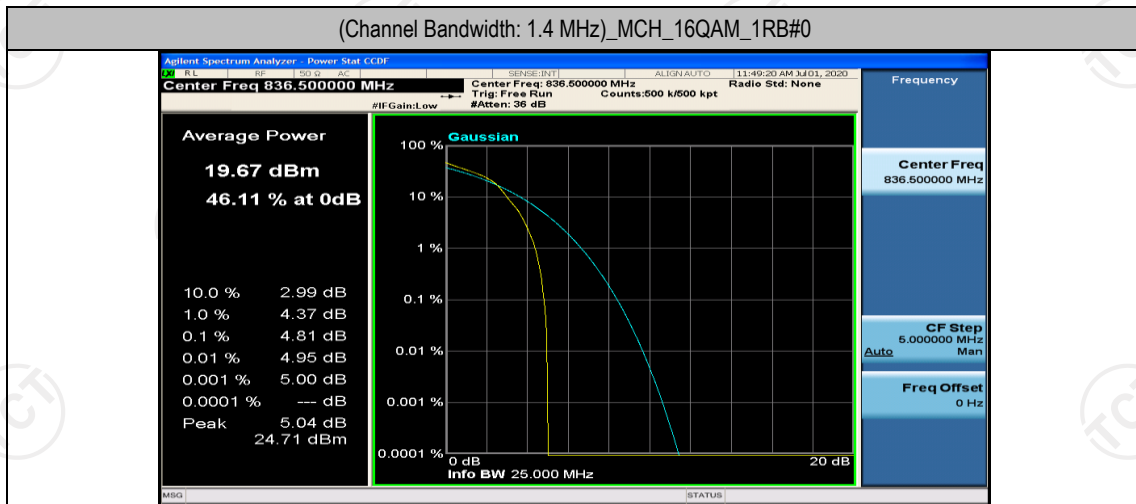


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0

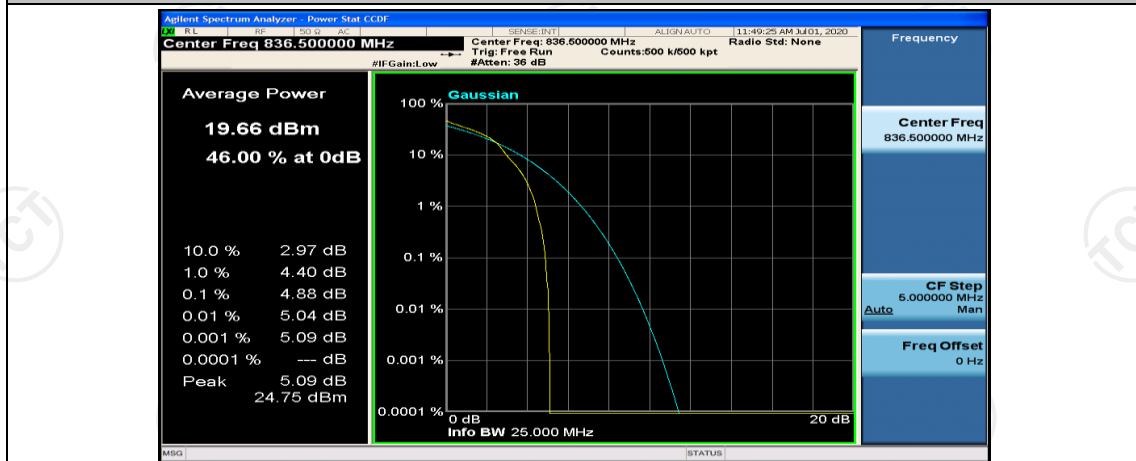




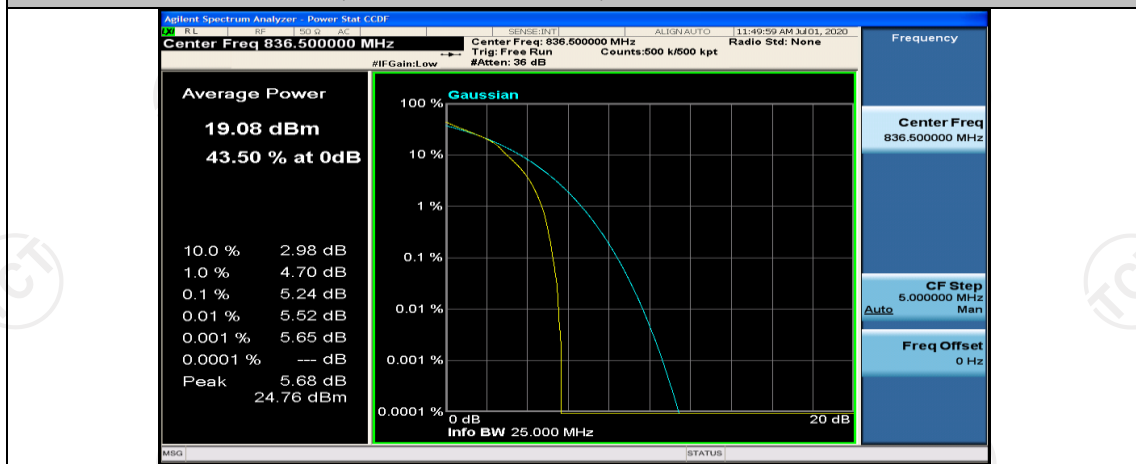
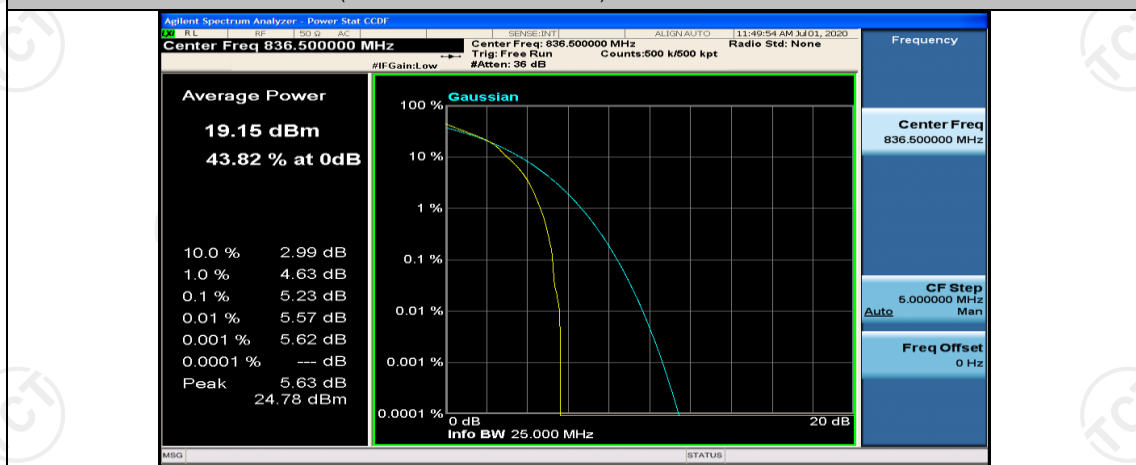
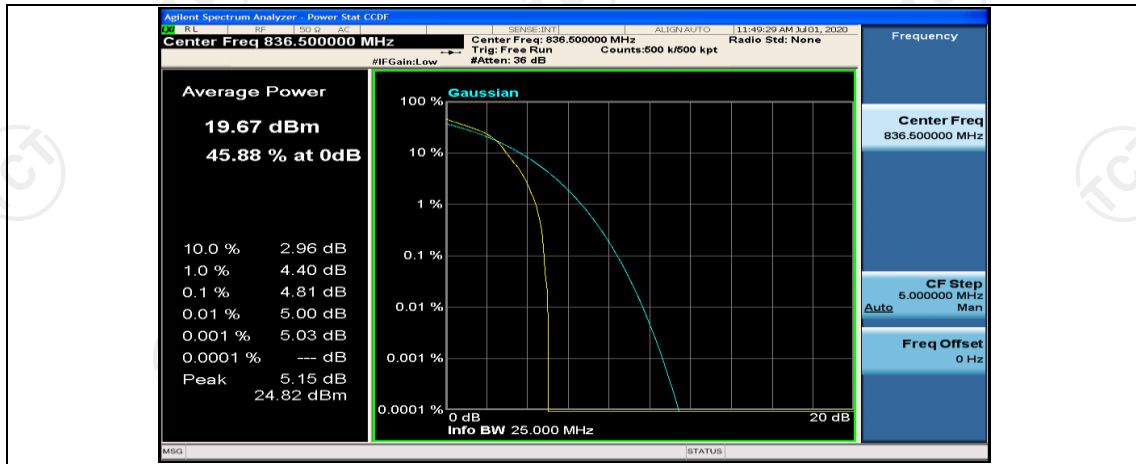
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

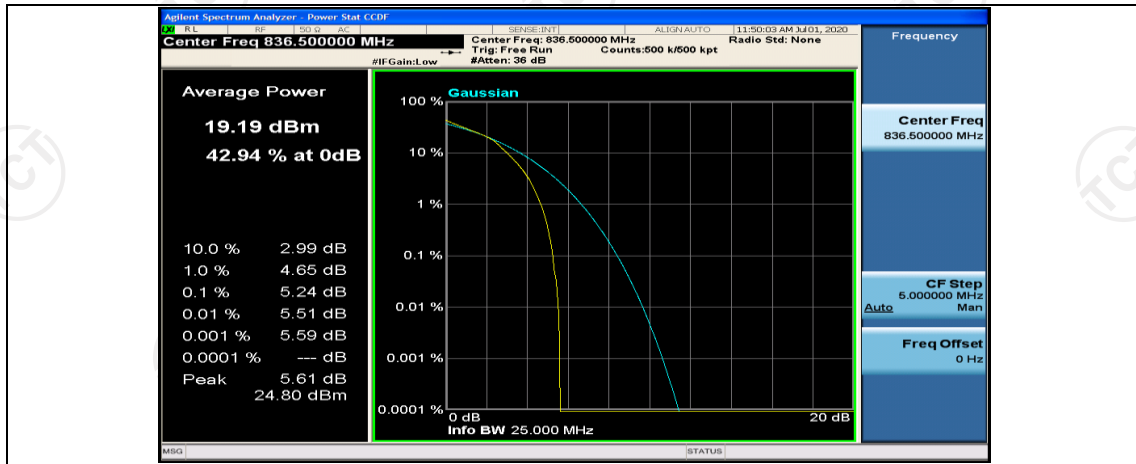


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

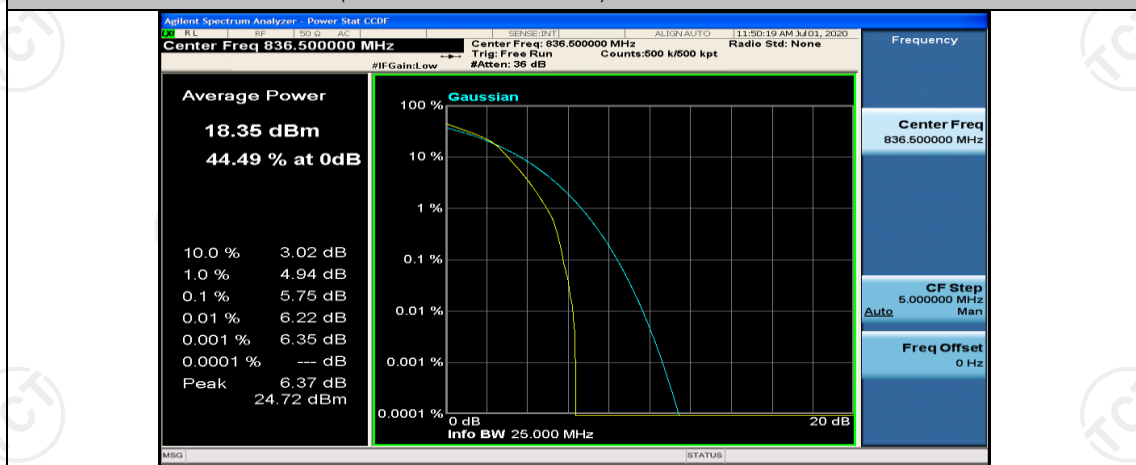


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5

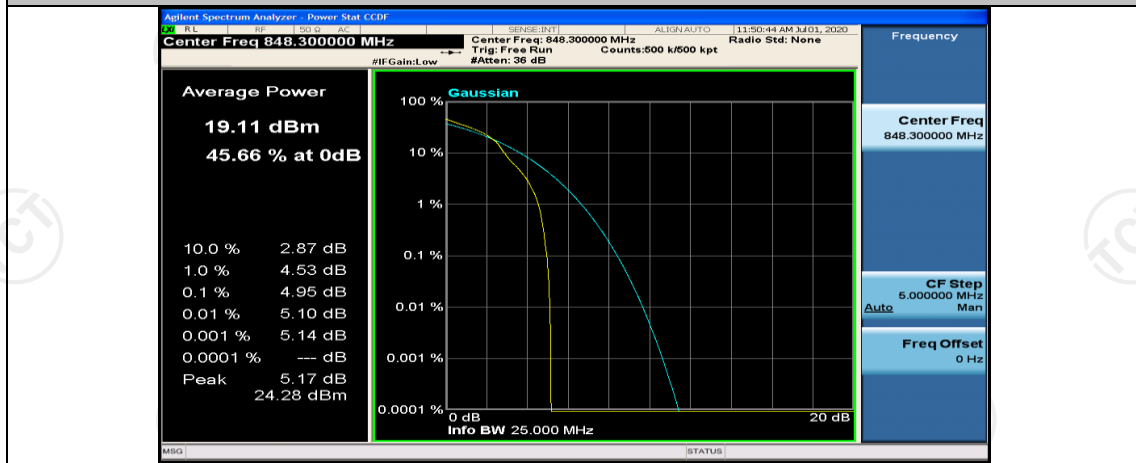




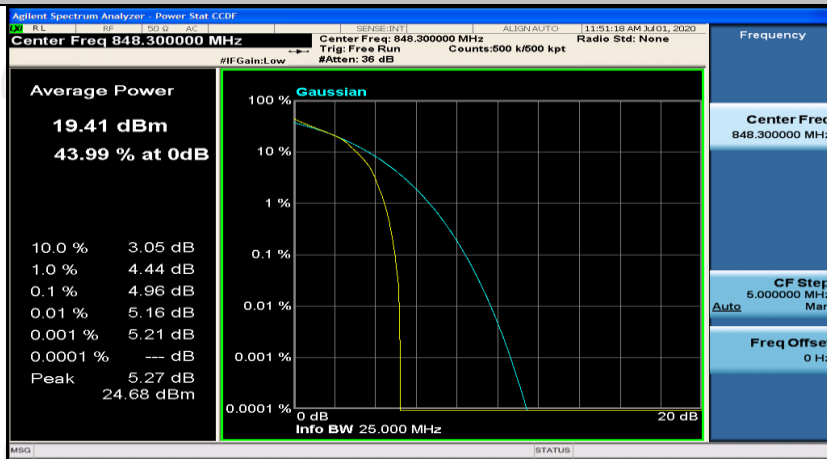
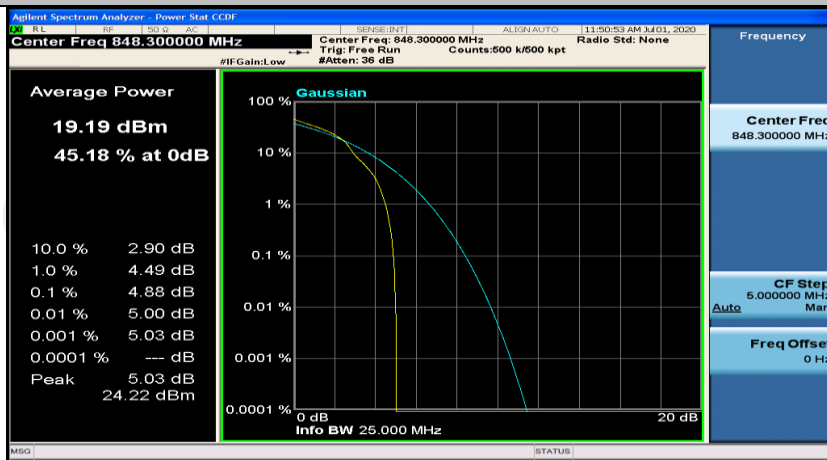
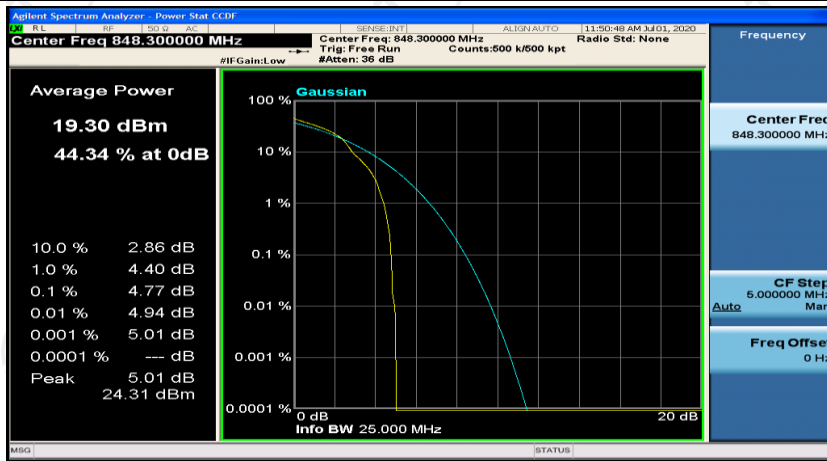
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0

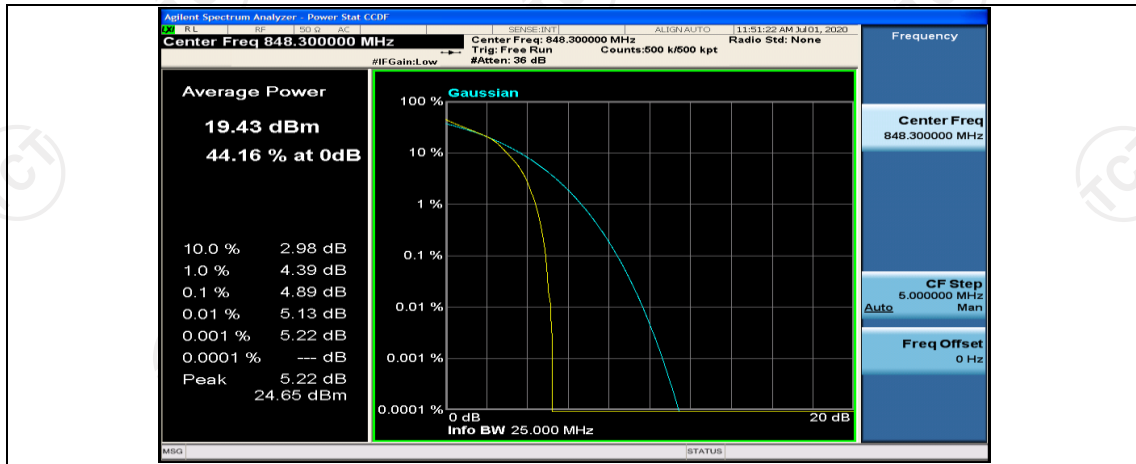


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0

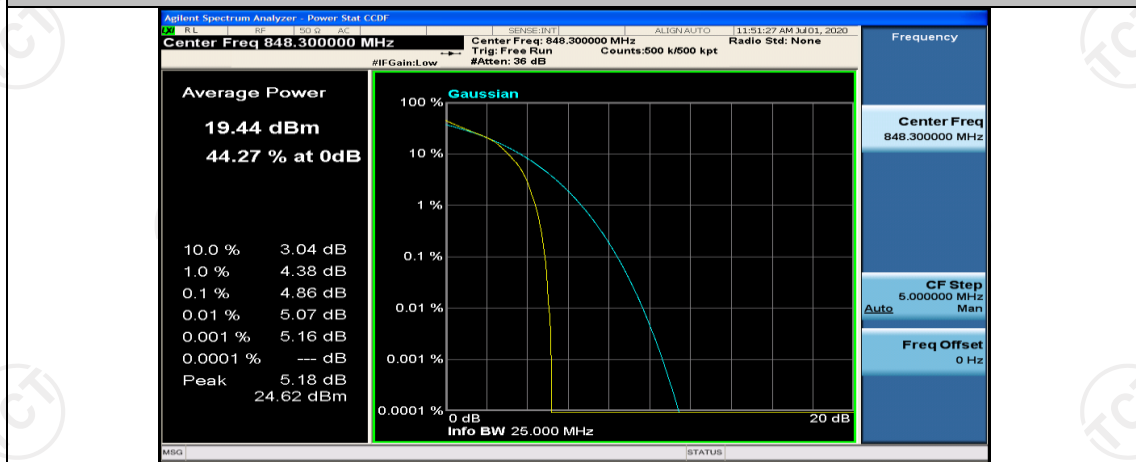


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3

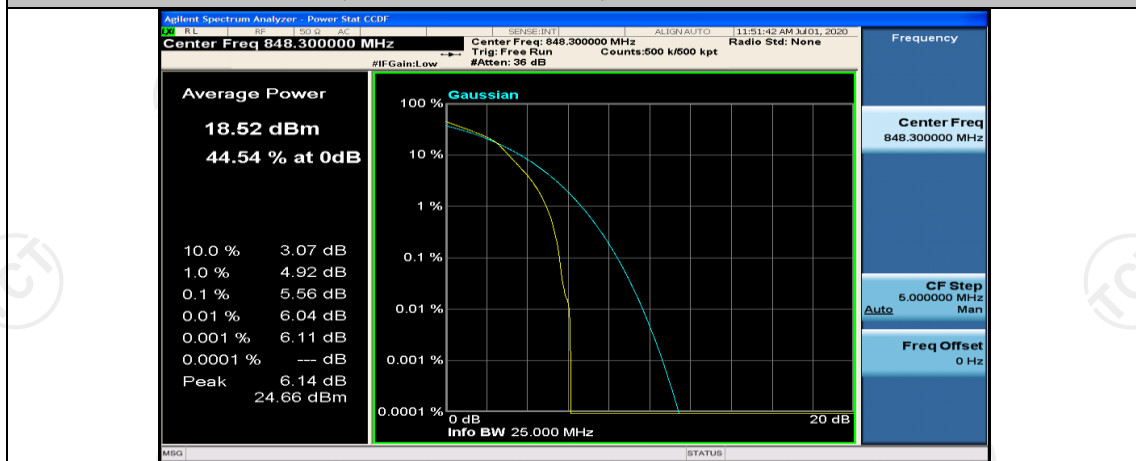




(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

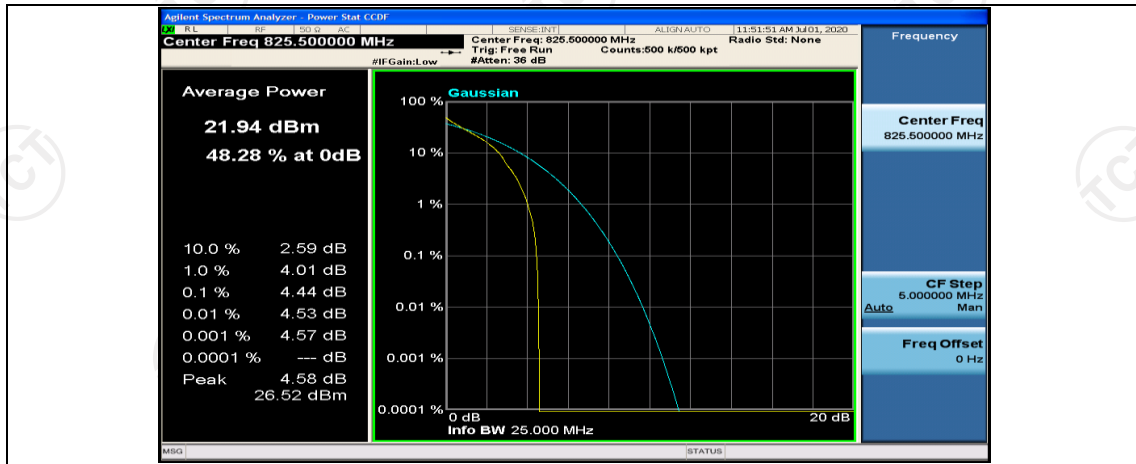


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

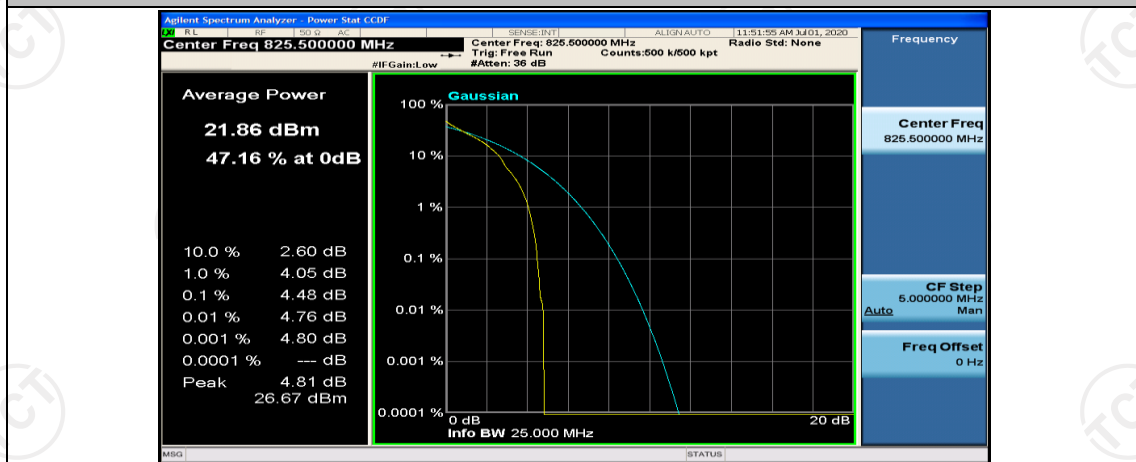


Channel Bandwidth: 3 MHz

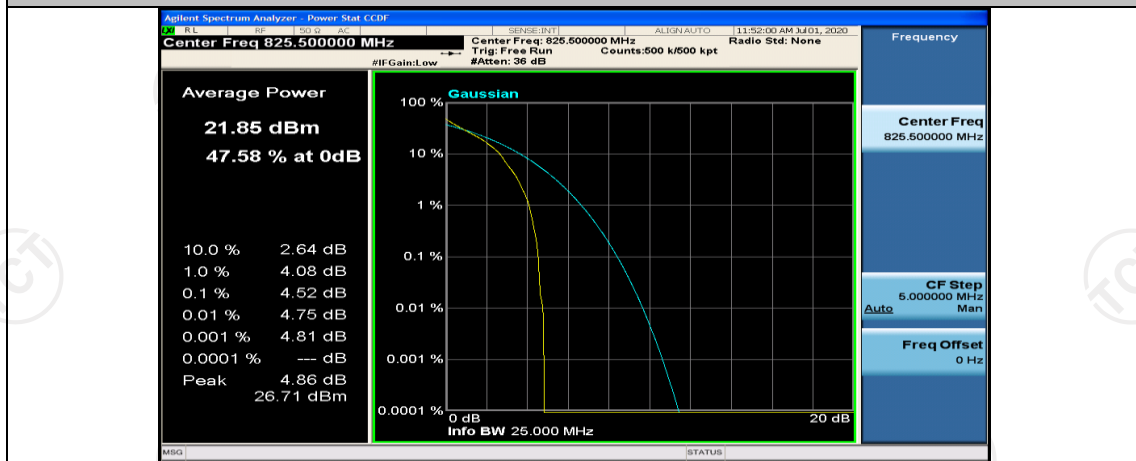
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



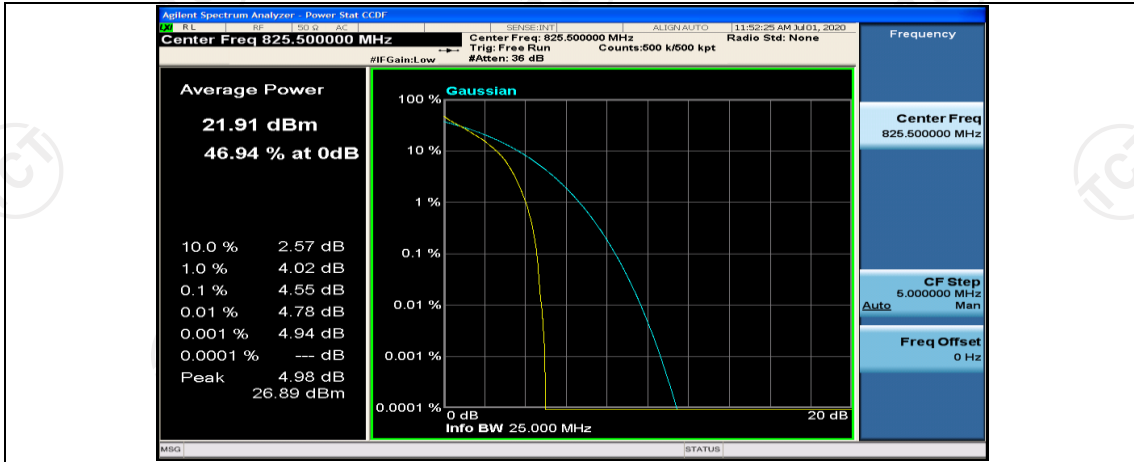
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



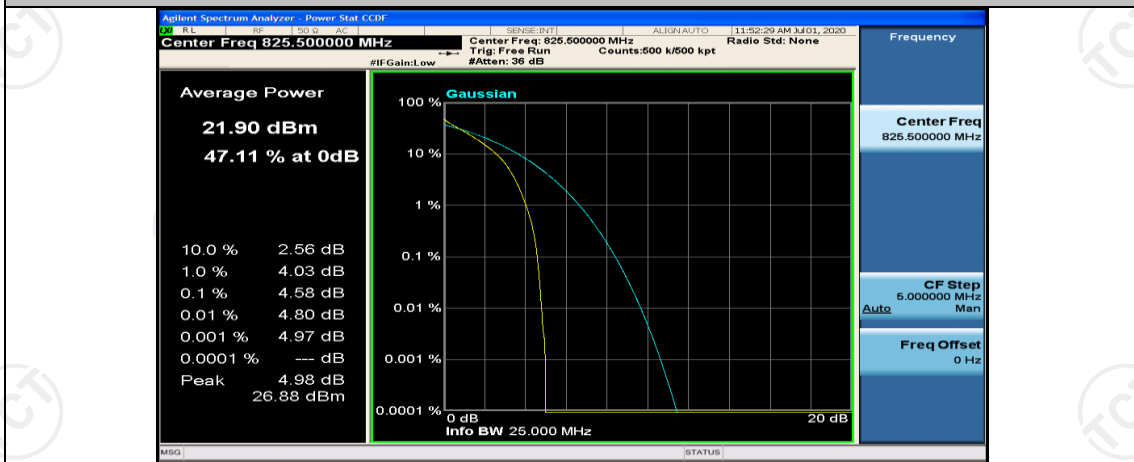
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



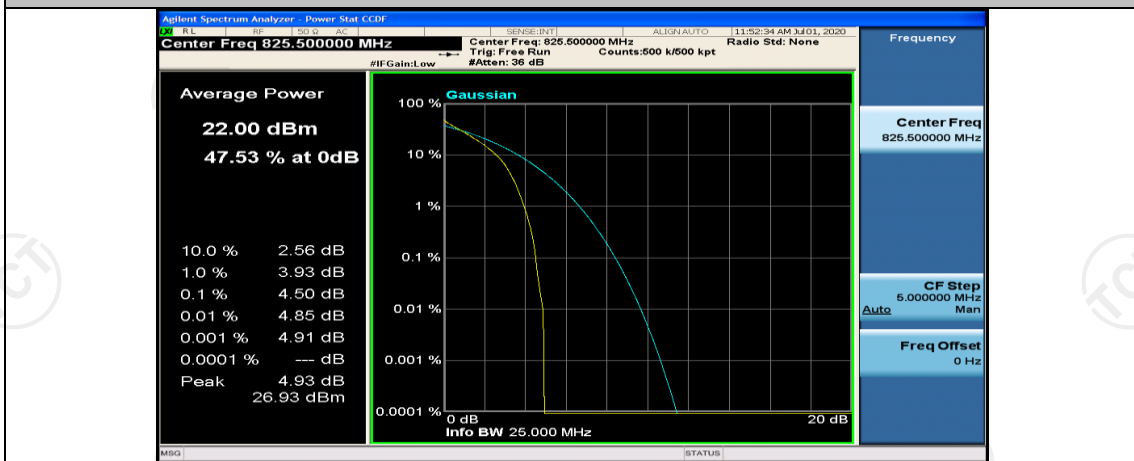
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0



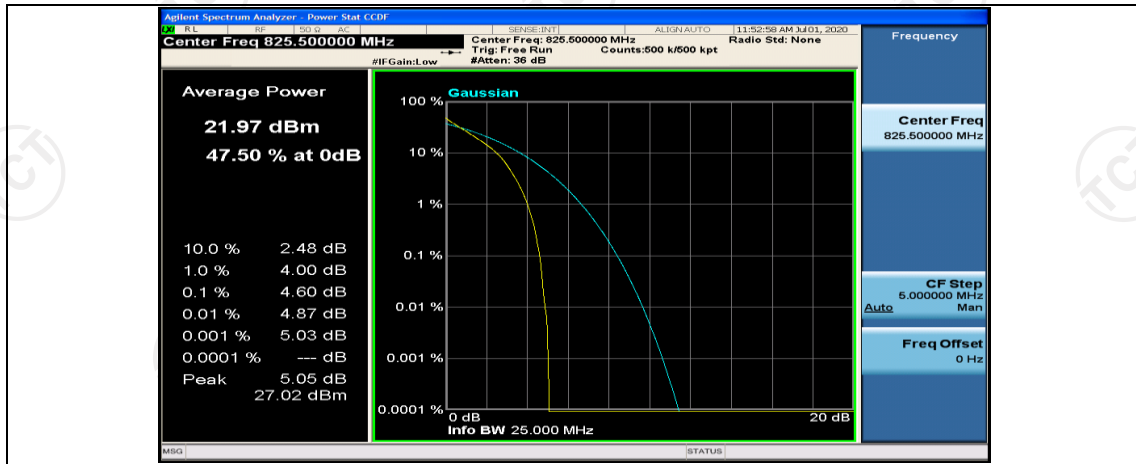
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4



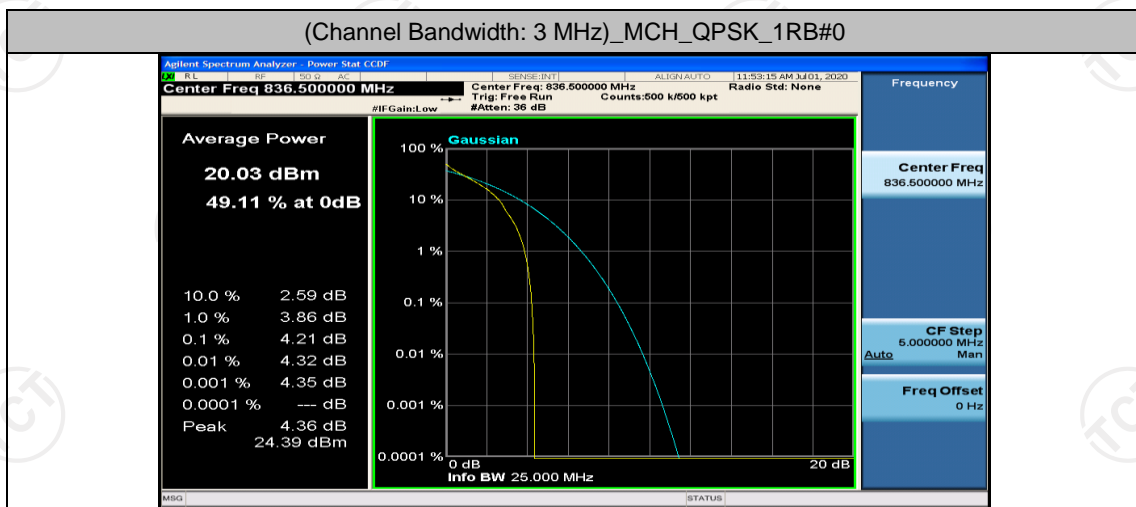
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



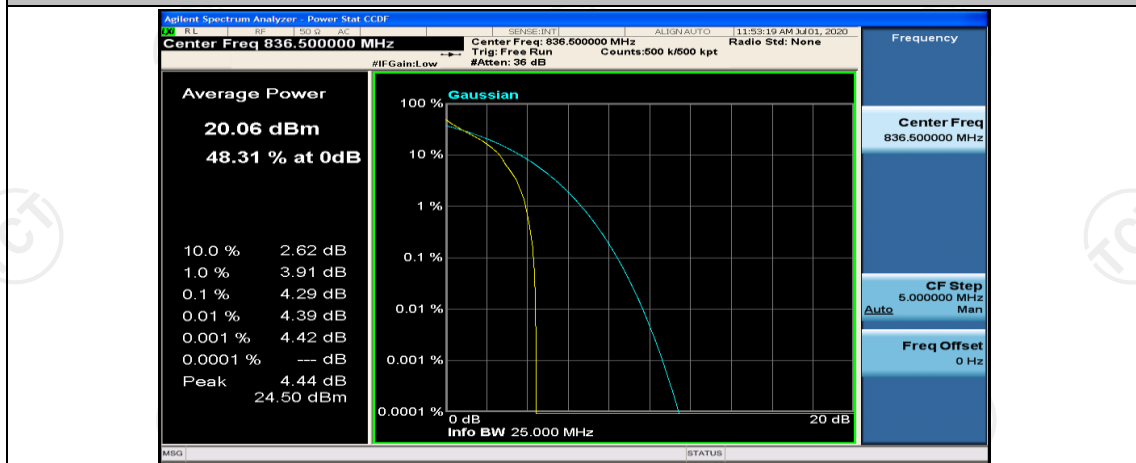
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



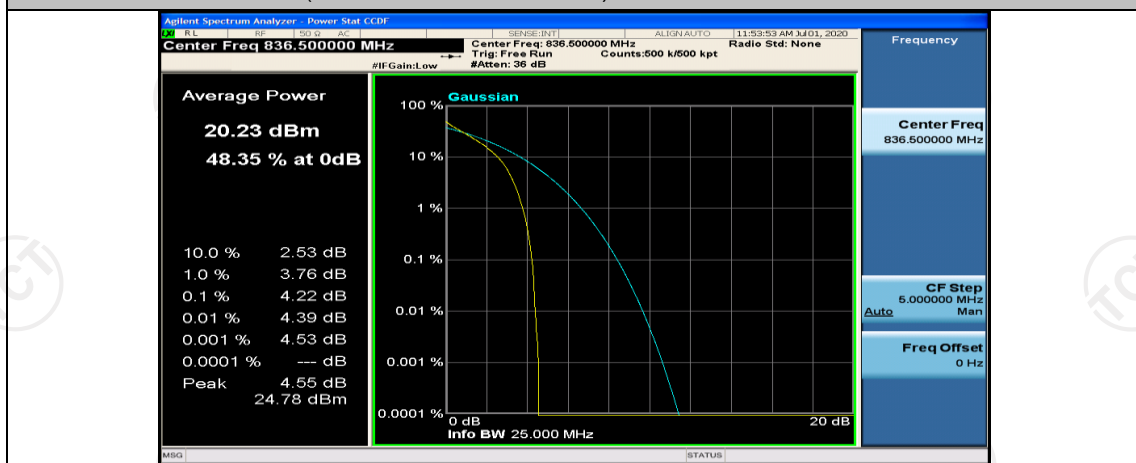
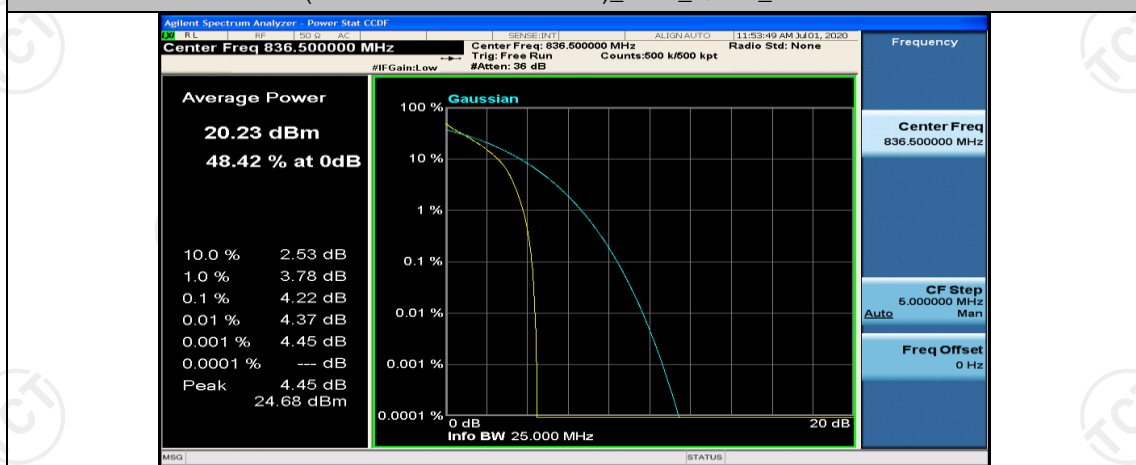
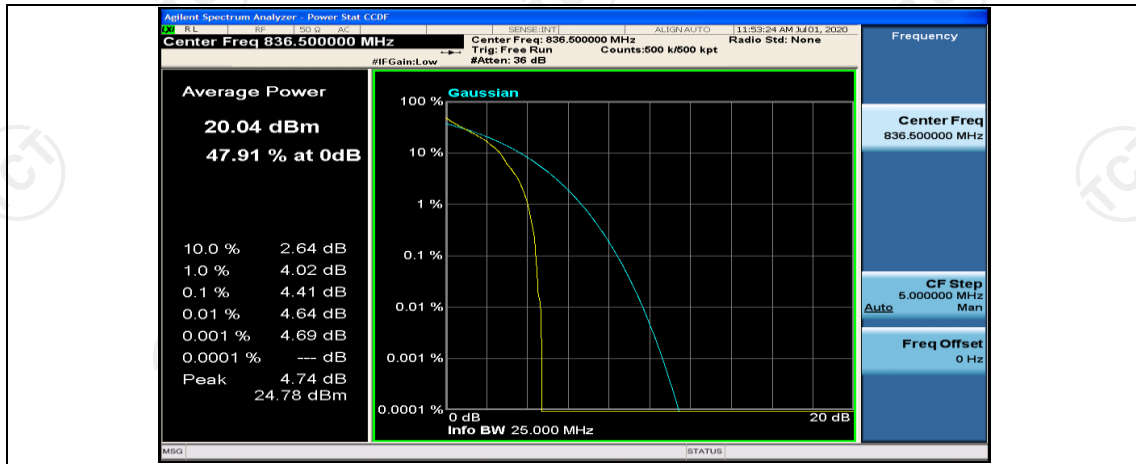
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

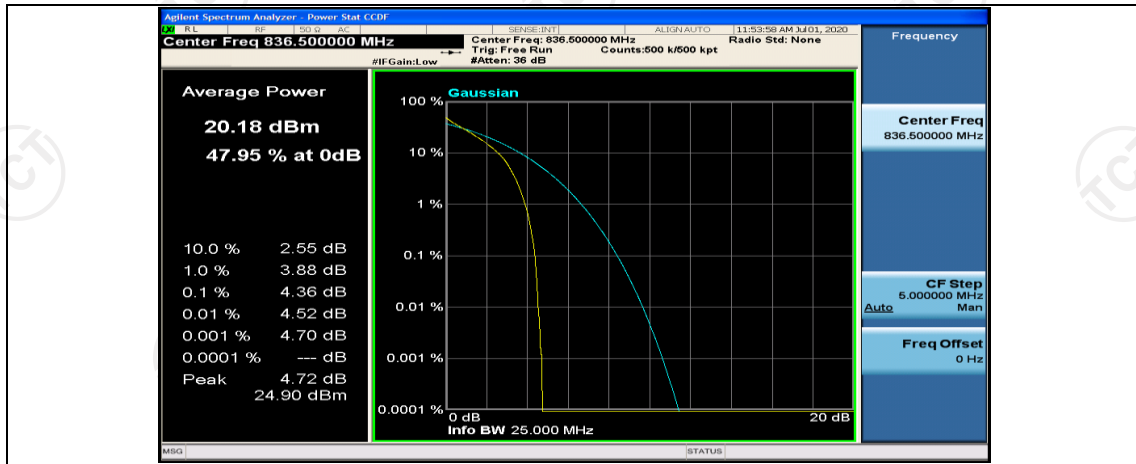


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

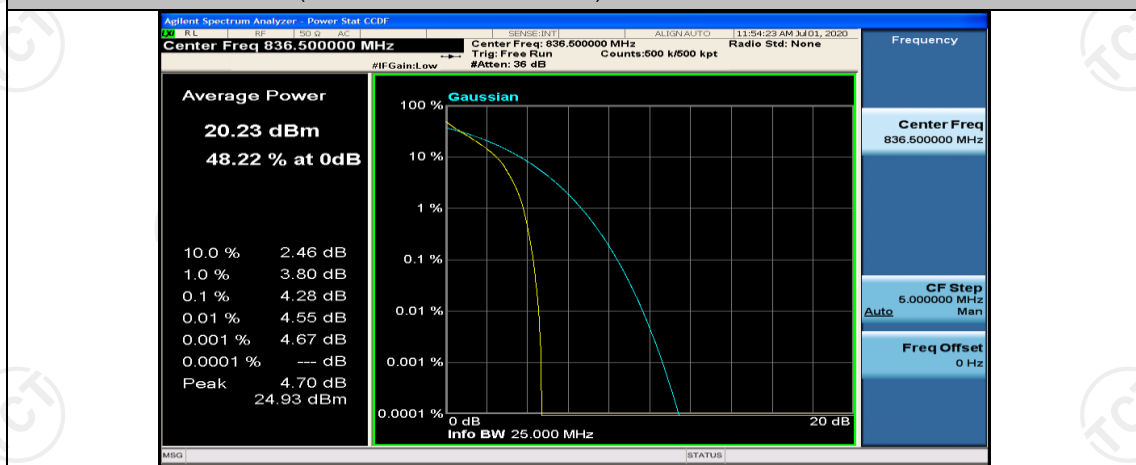


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

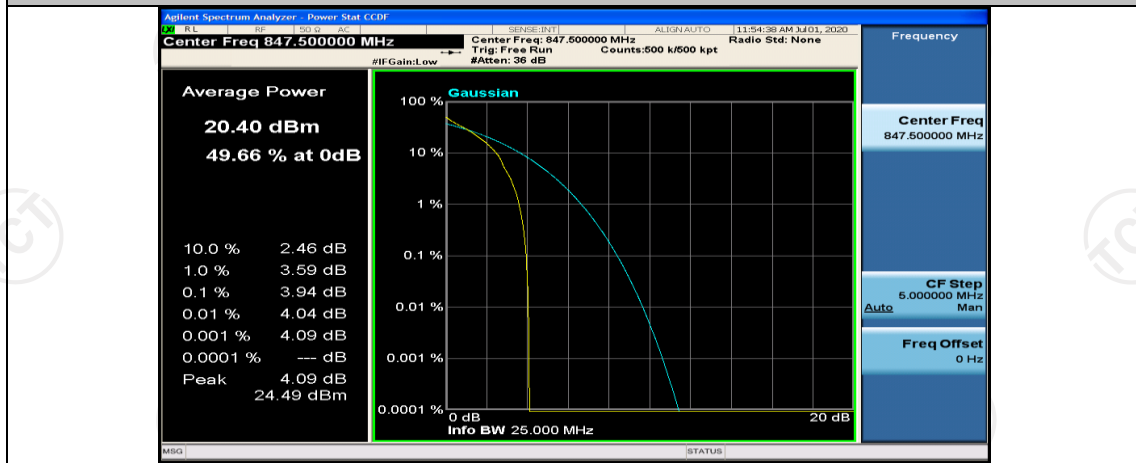




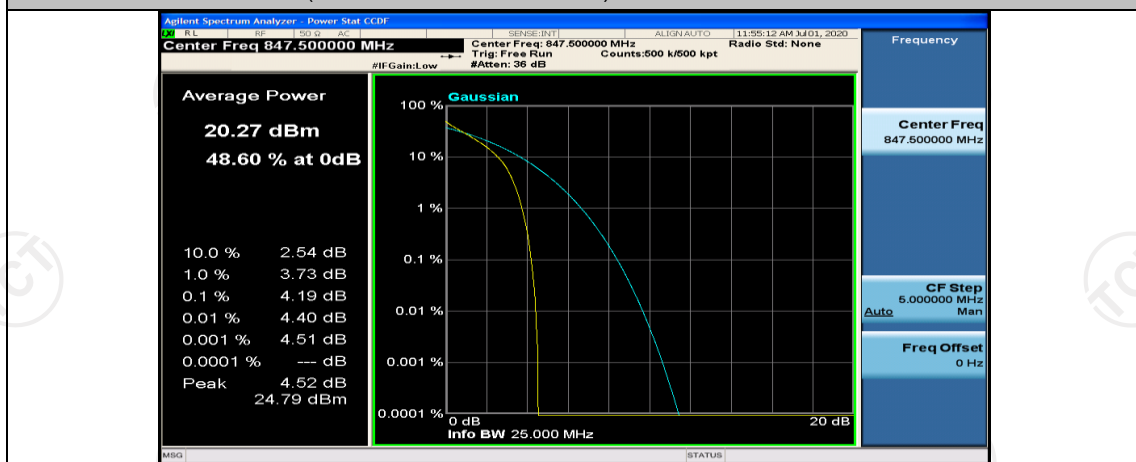
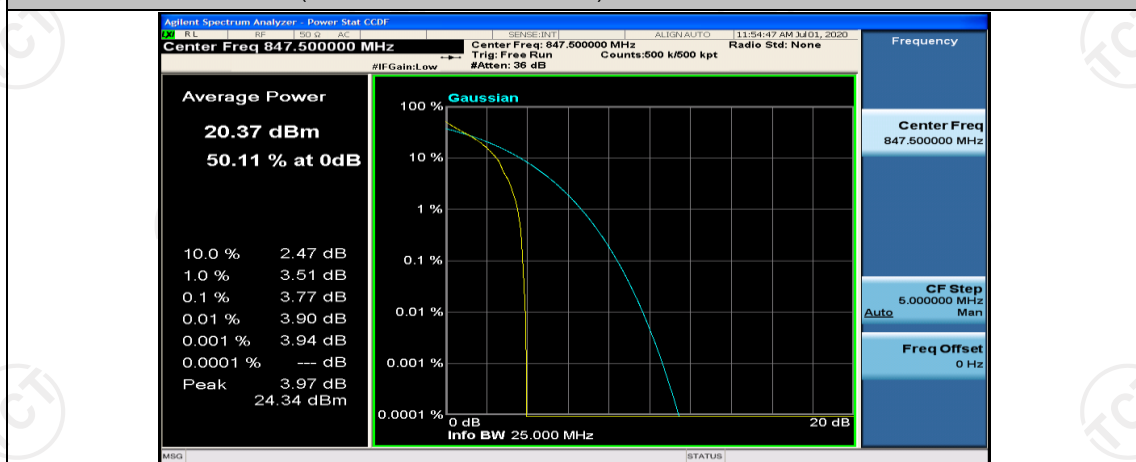
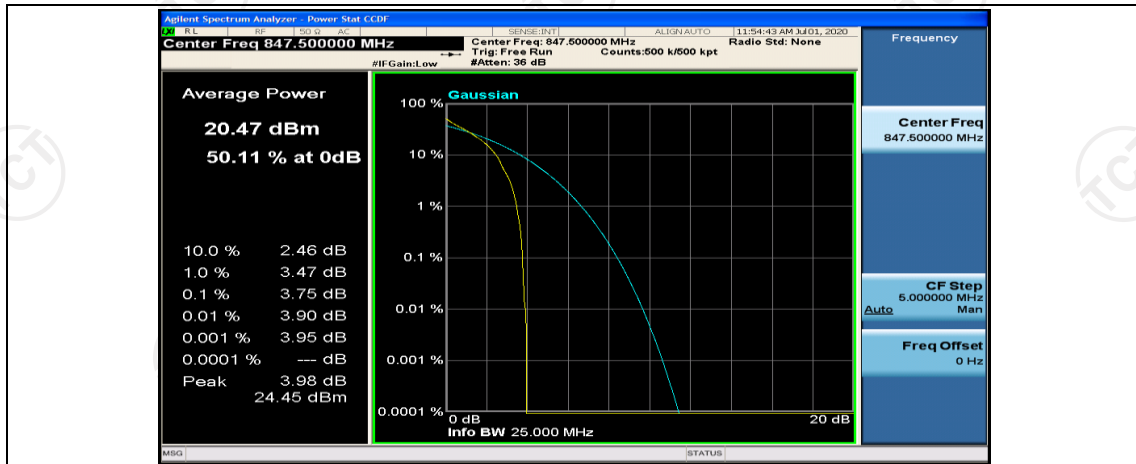
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0

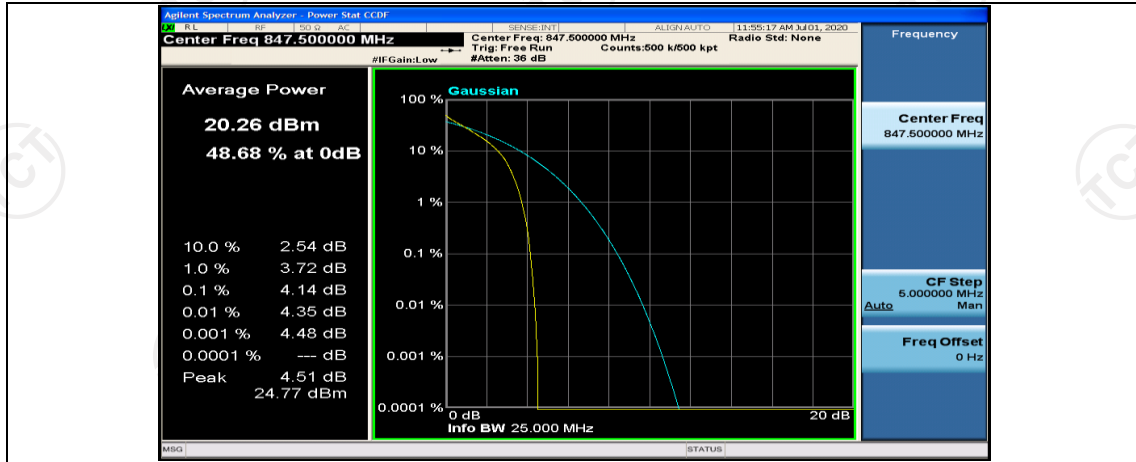


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

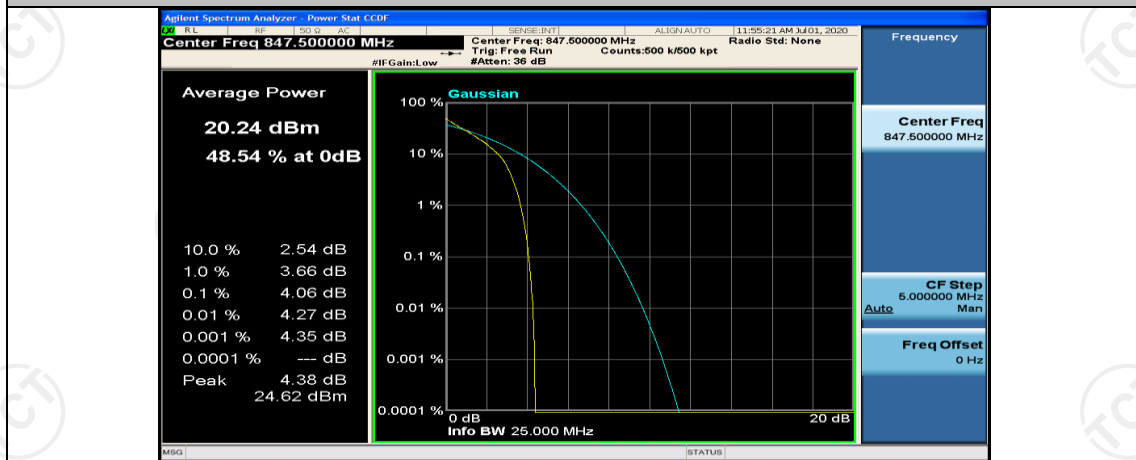


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7

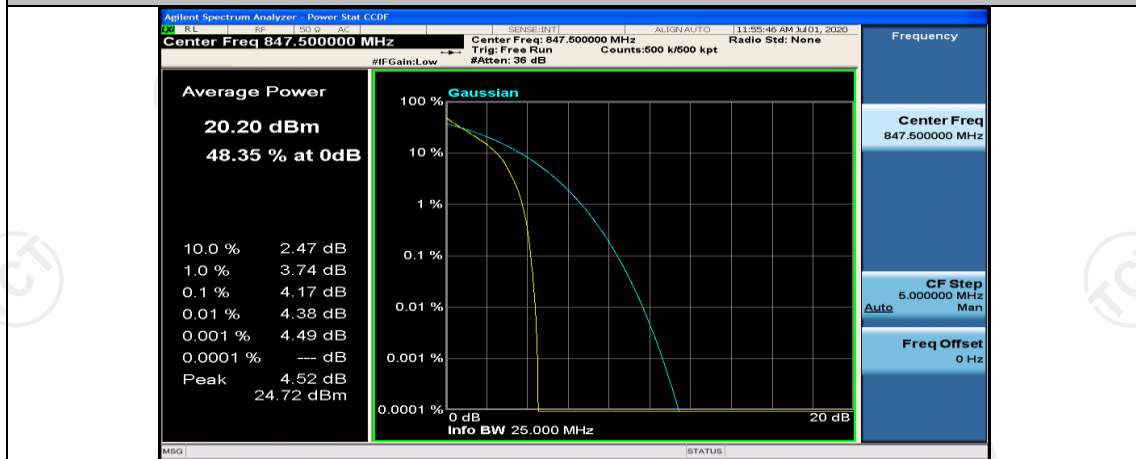




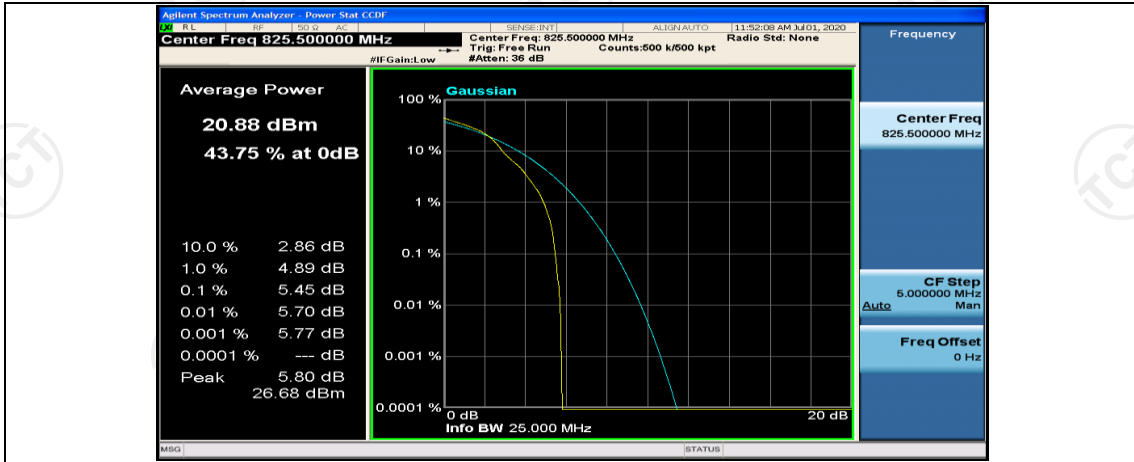
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7



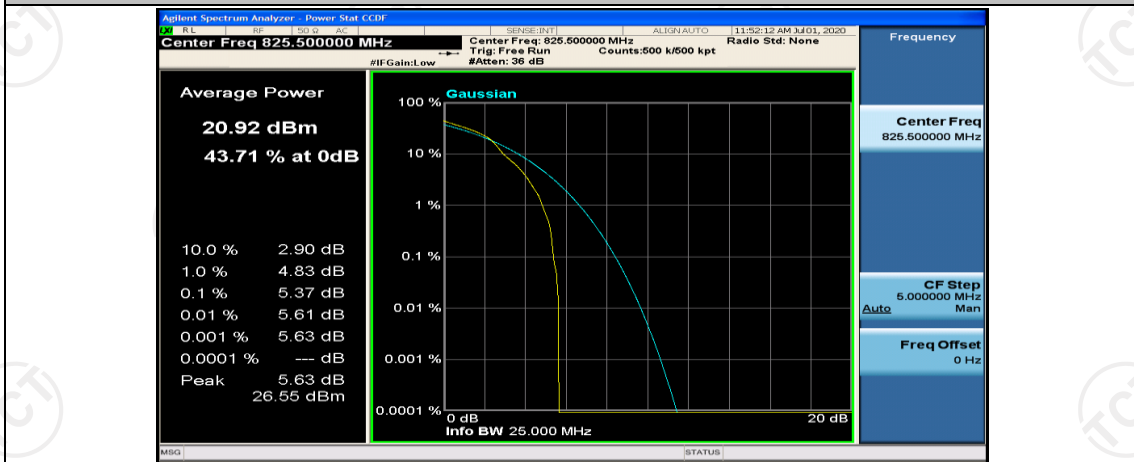
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



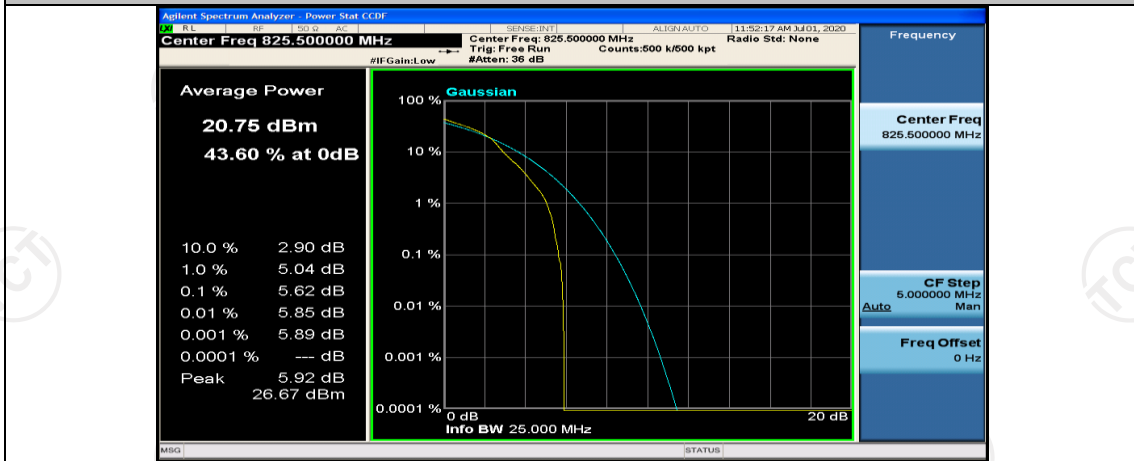
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7



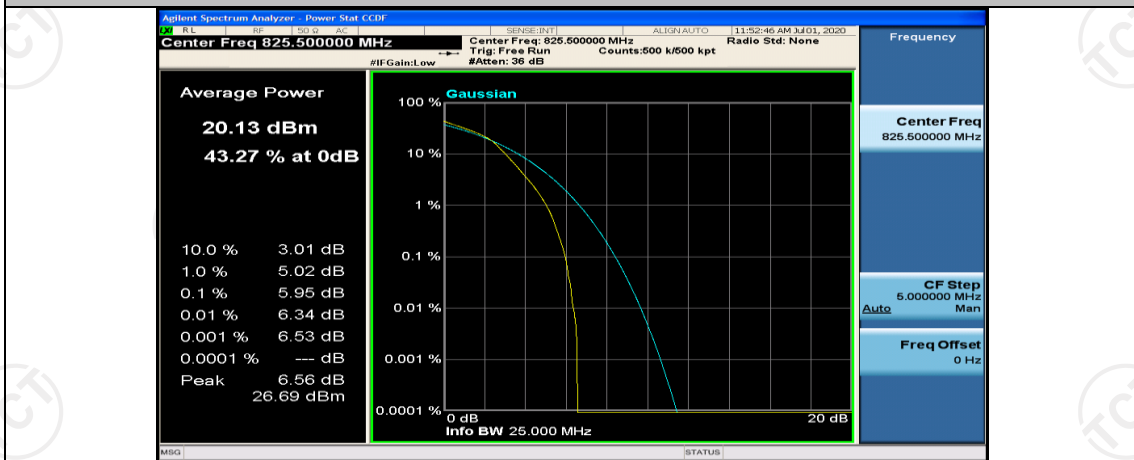
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14



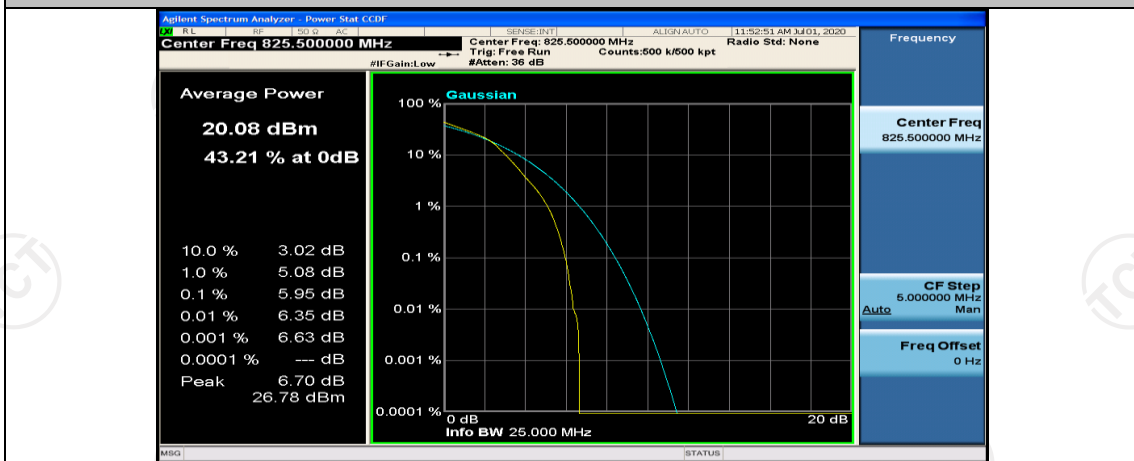
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4



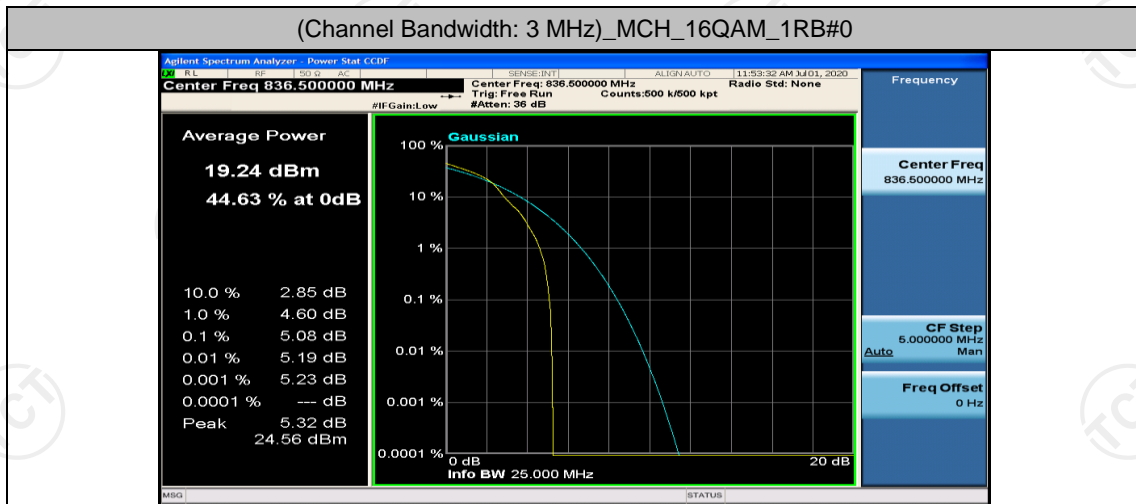
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7



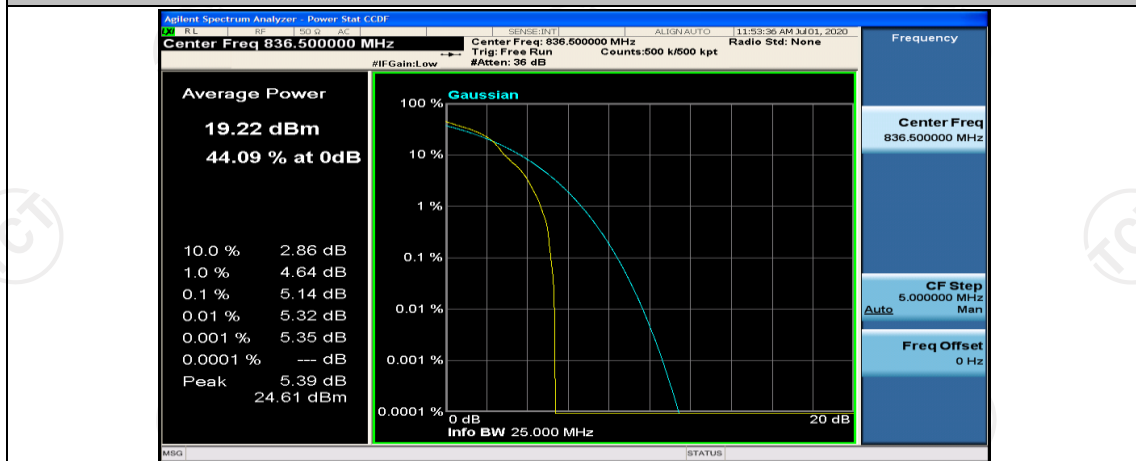
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



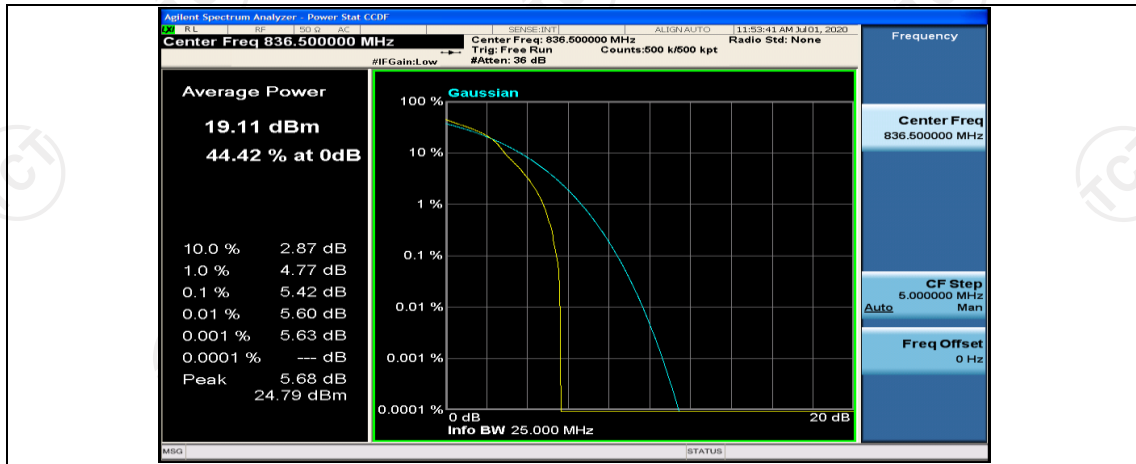
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



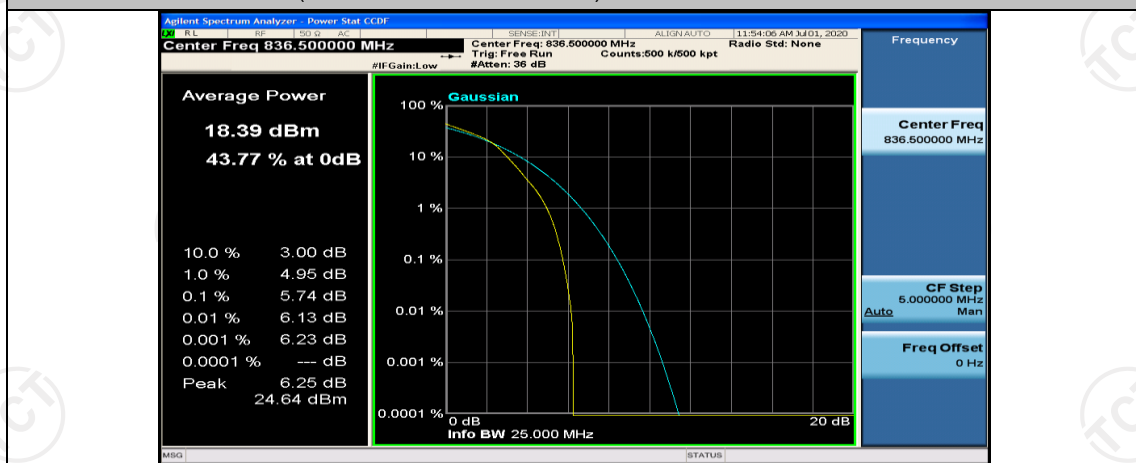
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7



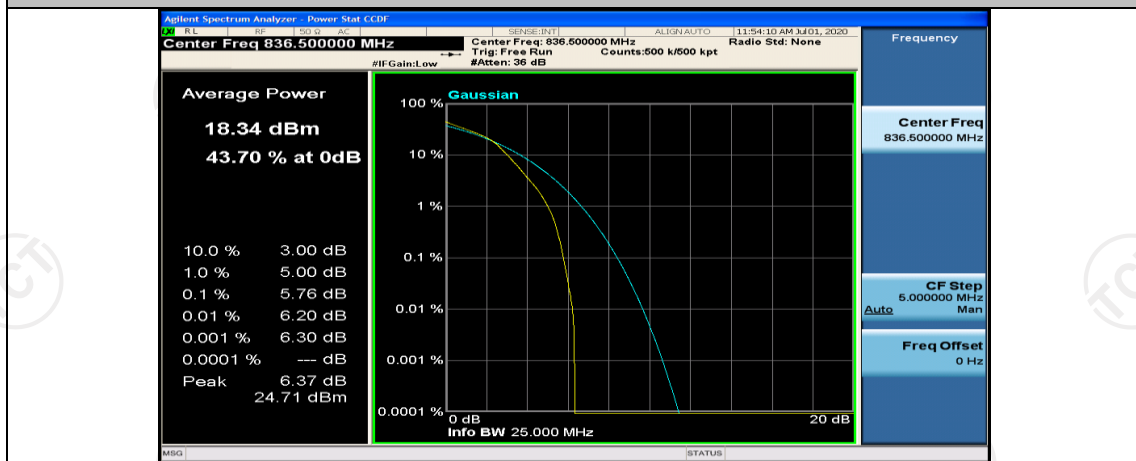
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



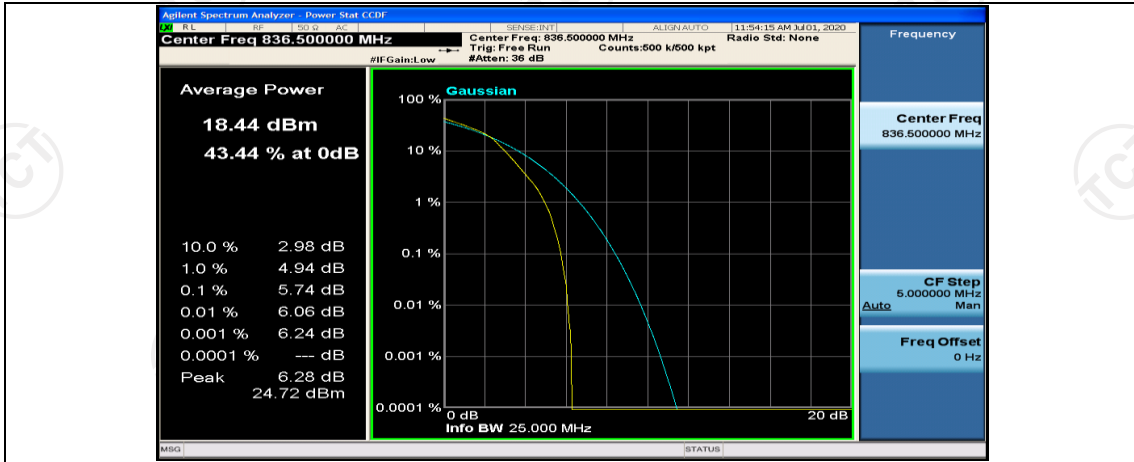
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#0



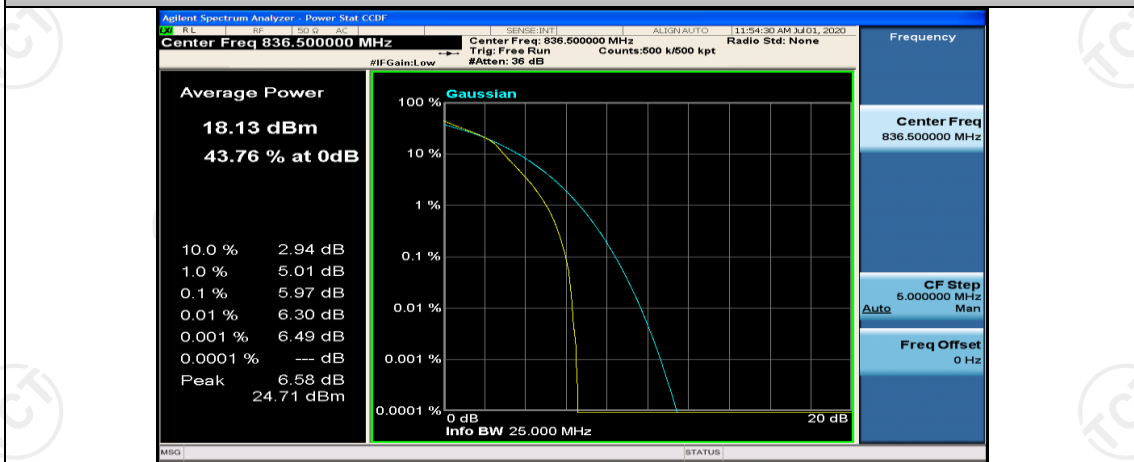
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#4



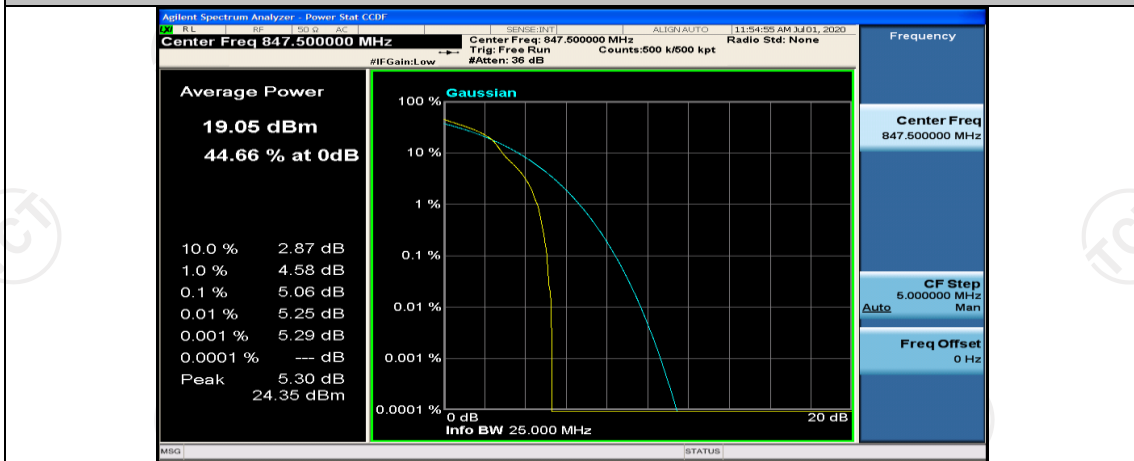
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#7



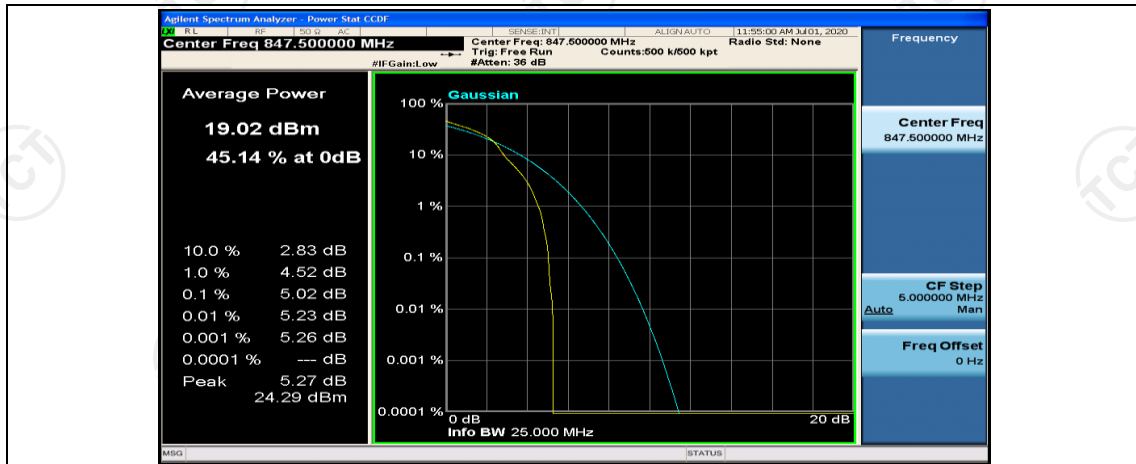
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



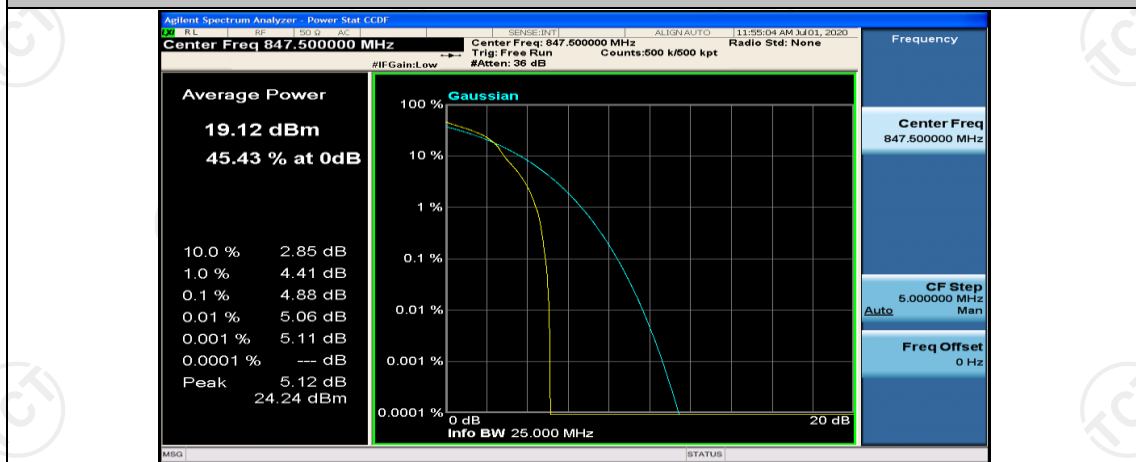
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



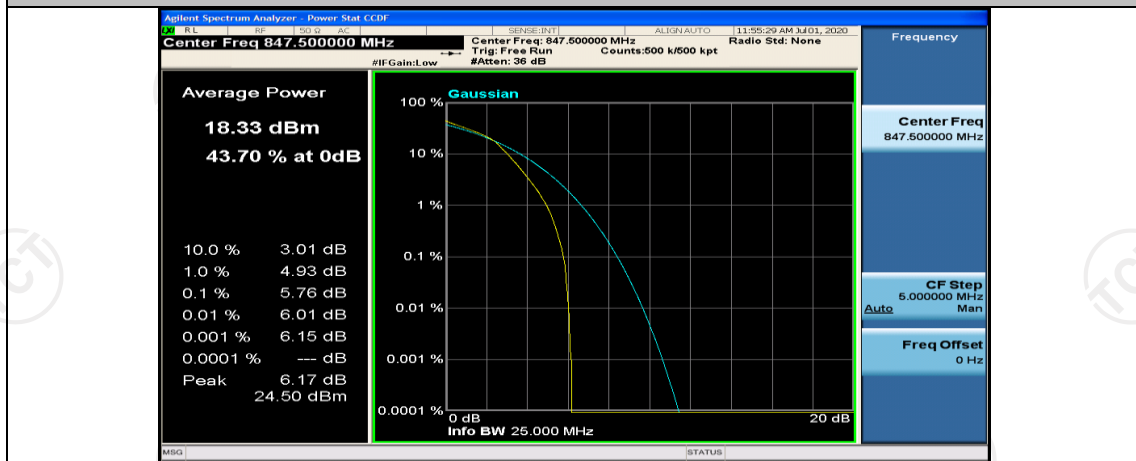
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



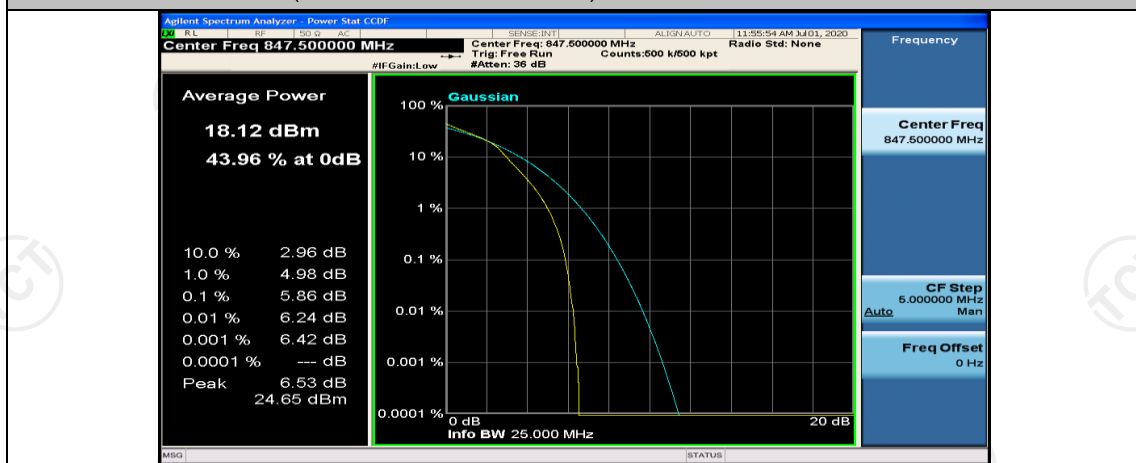
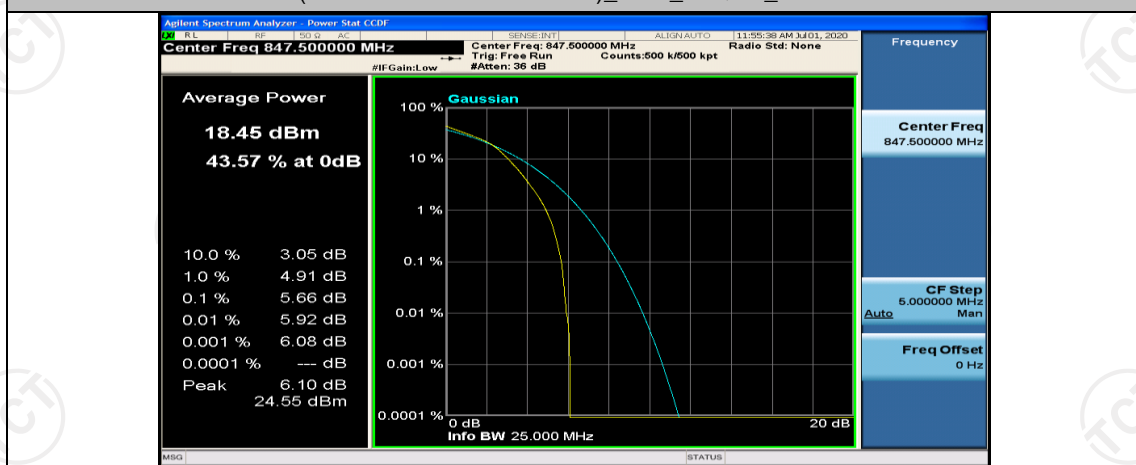
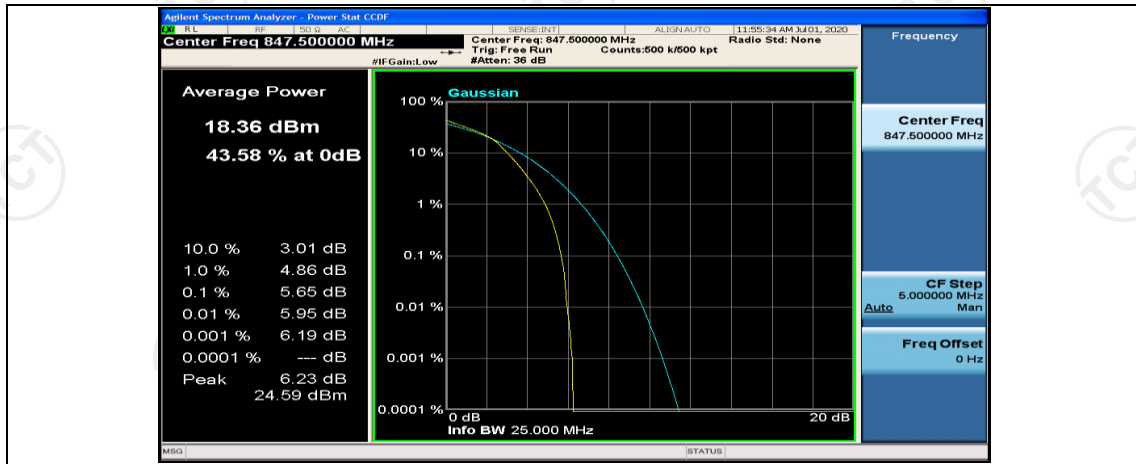
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14



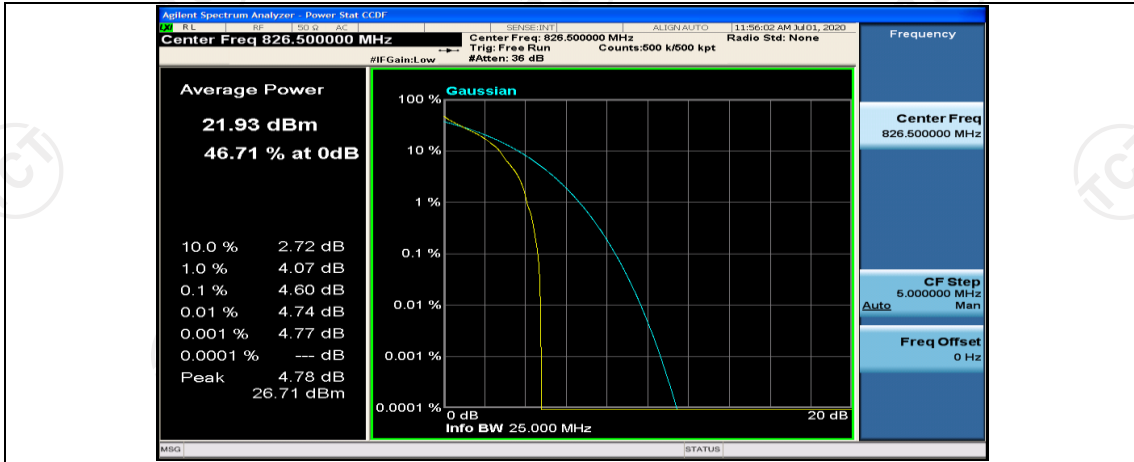
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



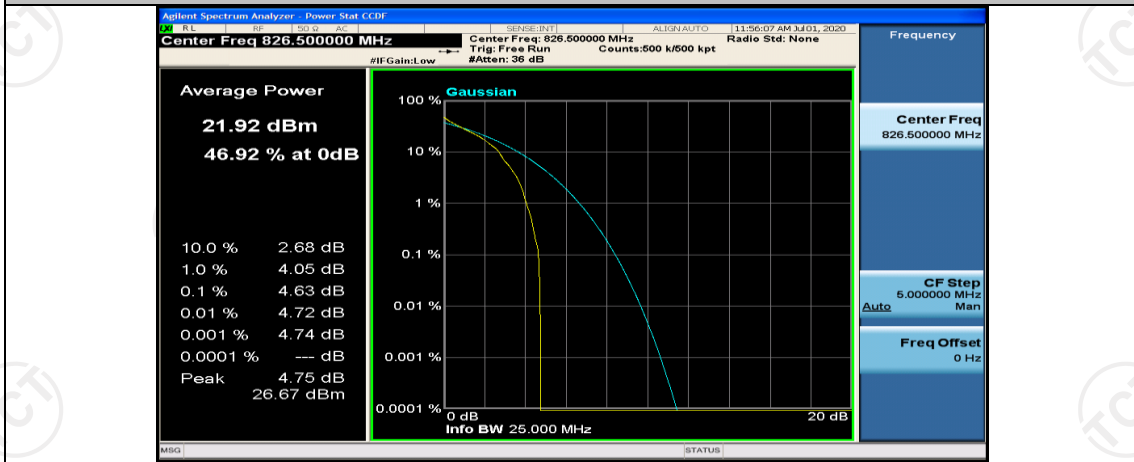
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4



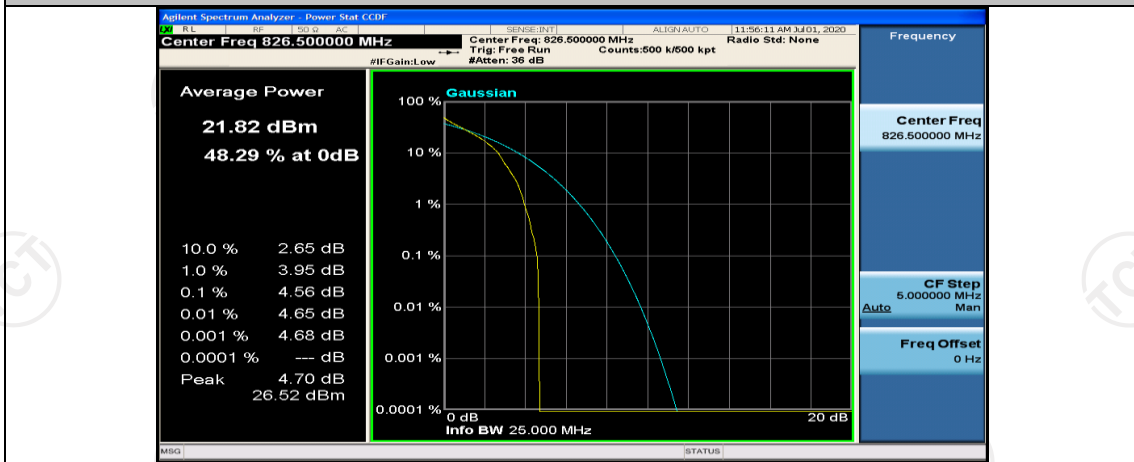
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



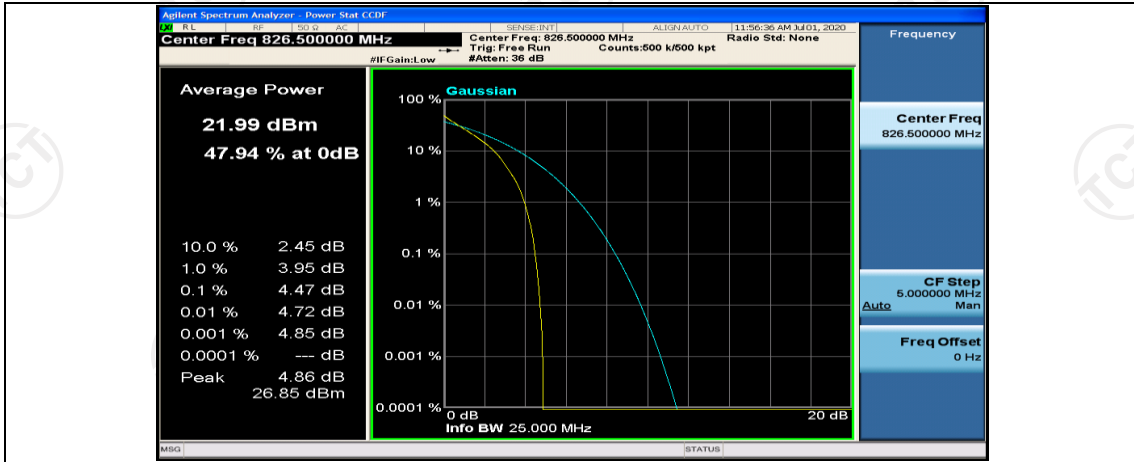
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



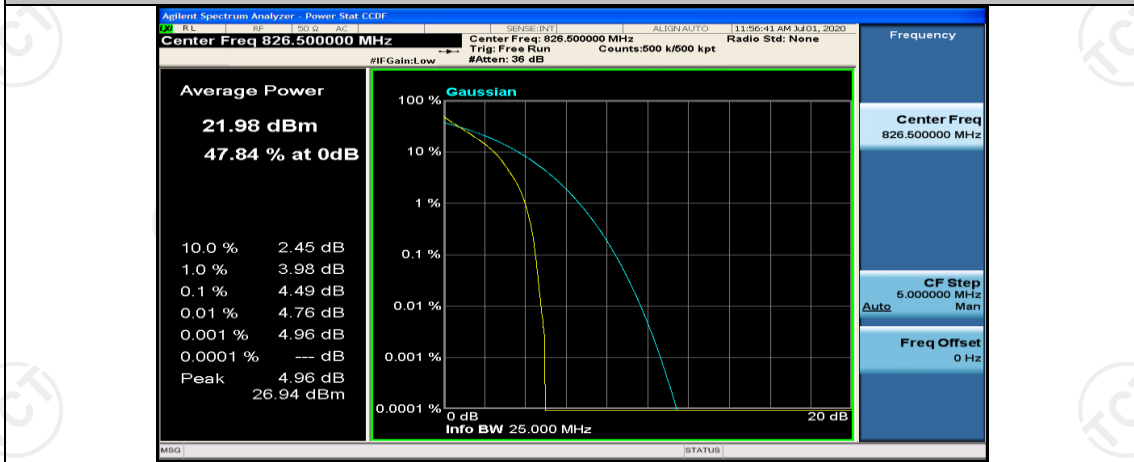
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



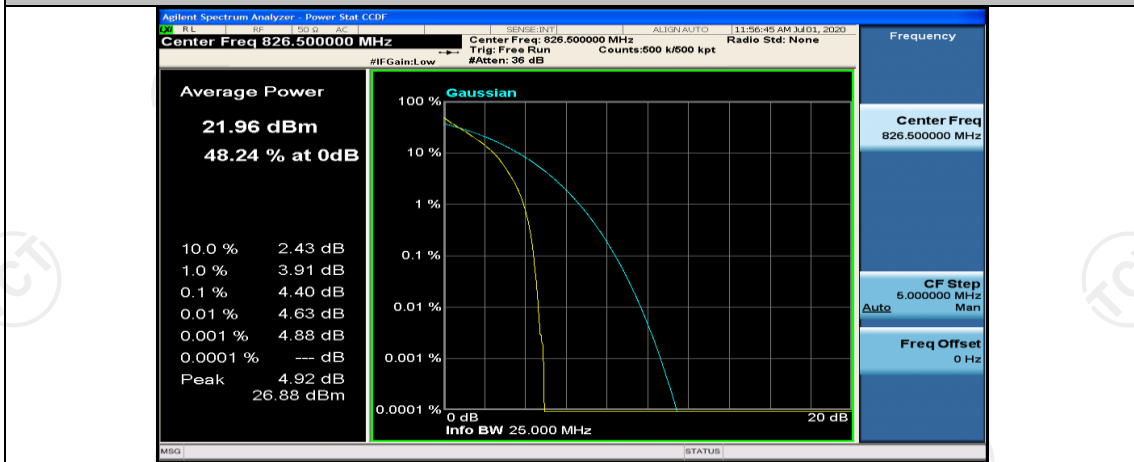
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0