

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	22.93	24.83	PASS
		1	3	22.88	24.78	PASS
		1	5	22.87	24.77	PASS
		3	0	22.73	24.63	PASS
		3	2	22.72	24.62	PASS
		3	3	22.71	24.61	PASS
		6	0	21.69	23.59	PASS
	MCH	1	0	22.57	24.47	PASS
		1	3	22.62	24.52	PASS
		1	5	22.61	24.51	PASS
		3	0	22.51	24.41	PASS
		3	2	22.60	24.50	PASS
		3	3	22.55	24.45	PASS
		6	0	21.56	23.46	PASS
	HCH	1	0	22.69	24.59	PASS
		1	3	22.89	24.79	PASS
		1	5	22.89	24.79	PASS
		3	0	22.45	24.35	PASS
		3	2	22.76	24.66	PASS
		3	3	22.72	24.62	PASS
		6	0	21.48	23.38	PASS
16QAM	LCH	1	0	21.58	23.48	PASS
		1	3	21.69	23.59	PASS
		1	5	21.63	23.53	PASS
		3	0	21.68	23.58	PASS
		3	2	21.93	23.83	PASS
		3	3	21.83	23.73	PASS
		6	0	20.68	22.58	PASS
	MCH	1	0	22.04	23.94	PASS
		1	3	22.13	24.03	PASS
		1	5	22.08	23.98	PASS
		3	0	21.80	23.70	PASS
		3	2	21.74	23.64	PASS
		3	3	21.71	23.61	PASS
		6	0	20.37	22.27	PASS

HCH	1	0	21.41	23.31	PASS
	1	3	21.73	23.63	PASS
	1	5	21.78	23.68	PASS
	3	0	21.27	23.17	PASS
	3	2	21.58	23.48	PASS
	3	3	21.84	23.74	PASS
	6	0	20.49	22.39	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	22.55	24.45	PASS
		1	7	22.84	24.74	PASS
		1	14	22.56	24.46	PASS
		8	0	21.48	23.38	PASS
		8	4	21.64	23.54	PASS
		8	7	21.59	23.49	PASS
		15	0	21.73	23.63	PASS
	MCH	1	0	22.57	24.47	PASS
		1	7	22.66	24.56	PASS
		1	14	22.63	24.53	PASS
		8	0	21.69	23.59	PASS
		8	4	21.62	23.52	PASS
		8	7	21.57	23.47	PASS
		15	0	21.56	23.46	PASS
	HCH	1	0	22.63	24.53	PASS
		1	7	22.78	24.68	PASS
		1	14	22.82	24.72	PASS
		8	0	21.55	23.45	PASS
		8	4	21.55	23.45	PASS
		8	7	21.77	23.67	PASS
		15	0	21.52	23.42	PASS
16QAM	LCH	1	0	21.61	23.51	PASS
		1	7	22.01	23.91	PASS
		1	14	21.66	23.56	PASS
		8	0	20.54	22.44	PASS
		8	4	20.71	22.61	PASS
		8	7	20.68	22.58	PASS
		15	0	20.85	22.75	PASS
	MCH	1	0	22.05	23.95	PASS
		1	7	22.15	24.05	PASS

		1	14	22.04	23.94	PASS
		8	0	20.68	22.58	PASS
		8	4	20.57	22.47	PASS
		8	7	20.55	22.45	PASS
		15	0	20.50	22.40	PASS
	HCH	1	0	21.70	23.60	PASS
		1	7	21.68	23.58	PASS
		1	14	22.41	24.31	PASS
		8	0	20.98	22.88	PASS
		8	4	20.98	22.88	PASS
		8	7	20.91	22.81	PASS
		15	0	20.55	22.45	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	22.69	24.59	PASS
		1	12	23.15	25.05	PASS
		1	24	22.69	24.59	PASS
		12	0	21.66	23.56	PASS
		12	6	21.66	23.56	PASS
		12	13	21.47	23.37	PASS
		25	0	21.69	23.59	PASS
	MCH	1	0	22.57	24.47	PASS
		1	12	22.89	24.79	PASS
		1	24	22.71	24.61	PASS
		12	0	21.57	23.47	PASS
		12	6	21.56	23.46	PASS
		12	13	21.64	23.54	PASS
		25	0	21.56	23.46	PASS
	HCH	1	0	22.70	24.60	PASS
		1	12	22.86	24.76	PASS
		1	24	22.75	24.65	PASS
		12	0	21.50	23.40	PASS
		12	6	21.57	23.47	PASS
		12	13	21.53	23.43	PASS
		25	0	21.58	23.48	PASS
16QAM	LCH	1	0	21.33	23.23	PASS
		1	12	21.69	23.59	PASS
		1	24	21.13	23.03	PASS
		12	0	20.85	22.75	PASS

		12	6	20.86	22.76	PASS
		12	13	20.74	22.64	PASS
		25	0	20.74	22.64	PASS
	MCH	1	0	21.70	23.60	PASS
		1	12	21.83	23.73	PASS
		1	24	21.44	23.34	PASS
		12	0	20.68	22.58	PASS
		12	6	20.57	22.47	PASS
		12	13	20.55	22.45	PASS
		25	0	20.60	22.50	PASS
	HCH	1	0	21.17	23.07	PASS
		1	12	21.18	23.08	PASS
		1	24	21.38	23.28	PASS
		12	0	20.52	22.42	PASS
		12	6	20.54	22.44	PASS
		12	13	20.54	22.44	PASS
		25	0	20.64	22.54	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	22.47	24.37	PASS
		1	24	22.84	24.74	PASS
		1	49	22.28	24.18	PASS
		25	0	21.67	23.57	PASS
		25	12	21.62	23.52	PASS
		25	25	21.40	23.30	PASS
		50	0	21.47	23.37	PASS
	MCH	1	0	22.68	24.58	PASS
		1	24	22.96	24.86	PASS
		1	49	22.55	24.45	PASS
		25	0	21.55	23.45	PASS
		25	12	21.67	23.57	PASS
		25	25	21.53	23.43	PASS
		50	0	21.44	23.34	PASS
	HCH	1	0	22.55	24.45	PASS
		1	24	23.21	25.11	PASS
		1	49	22.43	24.33	PASS
		25	0	21.53	23.43	PASS
		25	12	21.71	23.61	PASS
		25	25	21.49	23.39	PASS

		50	0	21.56	23.46	PASS
16QAM	LCH	1	0	22.08	23.98	PASS
		1	24	22.29	24.19	PASS
		1	49	21.48	23.38	PASS
		25	0	20.62	22.52	PASS
		25	12	20.59	22.49	PASS
		25	25	20.36	22.26	PASS
		50	0	20.61	22.51	PASS
	MCH	1	0	21.71	23.61	PASS
		1	24	21.98	23.88	PASS
		1	49	21.64	23.54	PASS
		25	0	20.70	22.60	PASS
		25	12	20.71	22.61	PASS
		25	25	20.68	22.58	PASS
		50	0	20.39	22.29	PASS
	HCH	1	0	21.64	23.54	PASS
		1	24	22.50	24.40	PASS
		1	49	21.87	23.77	PASS
		25	0	20.56	22.46	PASS
		25	12	20.74	22.64	PASS
		25	25	20.58	22.48	PASS
		50	0	20.62	22.52	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	3.82	<13	PASS
		1	3	3.74	<13	PASS
		1	5	3.70	<13	PASS
		3	0	4.17	<13	PASS
		3	2	4.04	<13	PASS
		3	3	4.08	<13	PASS
		6	0	4.92	<13	PASS
	MCH	1	0	3.93	<13	PASS
		1	3	3.89	<13	PASS
		1	5	3.87	<13	PASS
		3	0	4.36	<13	PASS
		3	2	4.28	<13	PASS
		3	3	4.40	<13	PASS
		6	0	4.92	<13	PASS
	HCH	1	0	4.41	<13	PASS
		1	3	4.27	<13	PASS
		1	5	4.37	<13	PASS
		3	0	4.58	<13	PASS
		3	2	4.50	<13	PASS
		3	3	4.51	<13	PASS
		6	0	5.23	<13	PASS
16QAM	LCH	1	0	4.56	<13	PASS
		1	3	4.57	<13	PASS
		1	5	4.53	<13	PASS
		3	0	4.97	<13	PASS
		3	2	4.87	<13	PASS
		3	3	4.94	<13	PASS
		6	0	5.72	<13	PASS
	MCH	1	0	4.61	<13	PASS
		1	3	4.55	<13	PASS
		1	5	4.63	<13	PASS
		3	0	5.12	<13	PASS
		3	2	5.04	<13	PASS

		3	3	5.13	<13	PASS
		6	0	5.74	<13	PASS
	HCH	1	0	5.38	<13	PASS
		1	3	5.25	<13	PASS
		1	5	5.24	<13	PASS
		3	0	5.38	<13	PASS
		3	2	5.38	<13	PASS
		3	3	5.37	<13	PASS
		6	0	6.18	<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	3.76	<13	PASS
		1	7	3.59	<13	PASS
		1	14	3.55	<13	PASS
		8	0	4.73	<13	PASS
		8	4	4.62	<13	PASS
		8	7	4.63	<13	PASS
		15	0	5.00	<13	PASS
	MCH	1	0	3.90	<13	PASS
		1	7	3.86	<13	PASS
		1	14	3.88	<13	PASS
		8	0	4.78	<13	PASS
		8	4	4.75	<13	PASS
		8	7	4.80	<13	PASS
		15	0	5.21	<13	PASS
	HCH	1	0	4.40	<13	PASS
		1	7	4.26	<13	PASS
		1	14	4.42	<13	PASS
		8	0	5.00	<13	PASS
		8	4	5.00	<13	PASS
		8	7	5.08	<13	PASS
		15	0	5.26	<13	PASS
16QAM	LCH	1	0	4.55	<13	PASS
		1	7	4.39	<13	PASS
		1	14	4.33	<13	PASS
		8	0	5.46	<13	PASS
		8	4	5.39	<13	PASS
		8	7	5.41	<13	PASS

	MCH	15	0	5.81	<13	PASS
		1	0	4.66	<13	PASS
		1	7	4.60	<13	PASS
		1	14	4.60	<13	PASS
		8	0	5.52	<13	PASS
		8	4	5.49	<13	PASS
		8	7	5.53	<13	PASS
		15	0	5.90	<13	PASS
	HCH	1	0	5.24	<13	PASS
		1	7	5.22	<13	PASS
		1	14	5.30	<13	PASS
		8	0	5.89	<13	PASS
		8	4	5.88	<13	PASS
		8	7	5.91	<13	PASS
		15	0	6.20	<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	3.76	<13	PASS
		1	12	3.63	<13	PASS
		1	24	3.77	<13	PASS
		12	0	4.63	<13	PASS
		12	6	4.53	<13	PASS
		12	13	4.59	<13	PASS
		25	0	4.97	<13	PASS
	MCH	1	0	3.93	<13	PASS
		1	12	3.86	<13	PASS
		1	24	3.81	<13	PASS
		12	0	4.73	<13	PASS
		12	6	4.70	<13	PASS
		12	13	4.79	<13	PASS
		25	0	5.21	<13	PASS
	HCH	1	0	3.61	<13	PASS
		1	12	3.32	<13	PASS
		1	24	3.51	<13	PASS
		12	0	4.47	<13	PASS
		12	6	4.29	<13	PASS
		12	13	4.37	<13	PASS
		25	0	4.71	<13	PASS

16QAM	LCH	1	0	4.45	<13	PASS
		1	12	4.24	<13	PASS
		1	24	4.47	<13	PASS
		12	0	5.47	<13	PASS
		12	6	5.38	<13	PASS
		12	13	5.42	<13	PASS
		25	0	5.74	<13	PASS
	MCH	1	0	4.57	<13	PASS
		1	12	4.57	<13	PASS
		1	24	4.53	<13	PASS
		12	0	5.54	<13	PASS
		12	6	5.48	<13	PASS
		12	13	5.62	<13	PASS
		25	0	5.92	<13	PASS
	HCH	1	0	4.24	<13	PASS
		1	12	3.89	<13	PASS
		1	24	4.14	<13	PASS
		12	0	5.21	<13	PASS
		12	6	5.06	<13	PASS
		12	13	5.13	<13	PASS
		25	0	5.45	<13	PASS

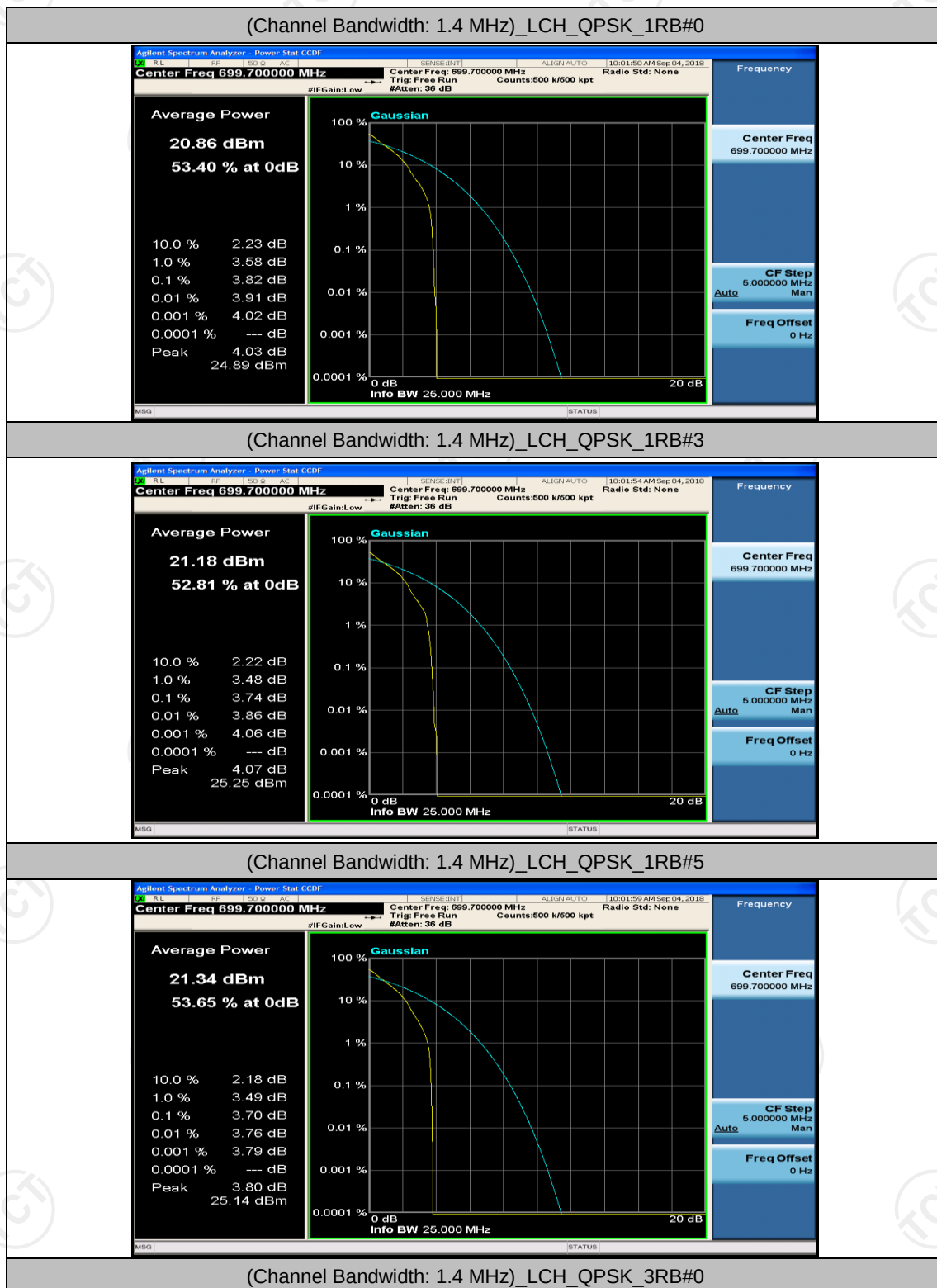
Channel Bandwidth: 10 MHz

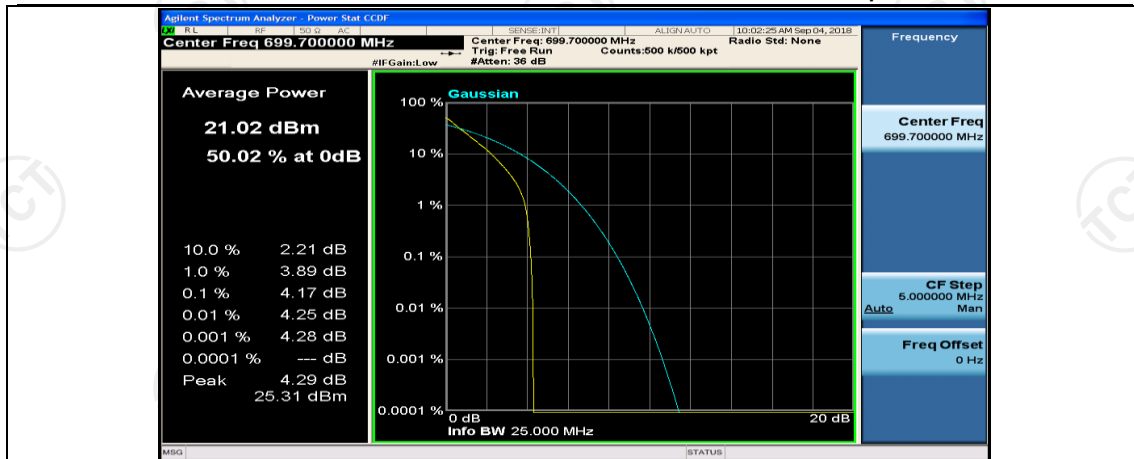
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.74	<13	PASS
		1	24	3.81	<13	PASS
		1	49	3.81	<13	PASS
		25	0	4.73	<13	PASS
		25	12	4.69	<13	PASS
		25	25	4.83	<13	PASS
		50	0	5.16	<13	PASS
	MCH	1	0	3.68	<13	PASS
		1	24	3.83	<13	PASS
		1	49	3.51	<13	PASS
		25	0	4.86	<13	PASS
		25	12	4.78	<13	PASS
		25	25	4.89	<13	PASS
		50	0	5.35	<13	PASS
	HCH	1	0	3.88	<13	PASS

		1	24	3.71	<13	PASS
		1	49	3.47	<13	PASS
		25	0	4.93	<13	PASS
		25	12	4.76	<13	PASS
		25	25	4.49	<13	PASS
		50	0	5.24	<13	PASS
16QAM	LCH	1	0	4.48	<13	PASS
		1	24	4.56	<13	PASS
		1	49	4.64	<13	PASS
		25	0	5.56	<13	PASS
		25	12	5.50	<13	PASS
		25	25	5.61	<13	PASS
		50	0	5.87	<13	PASS
	MCH	1	0	4.42	<13	PASS
		1	24	4.59	<13	PASS
		1	49	4.20	<13	PASS
		25	0	5.67	<13	PASS
		25	12	5.59	<13	PASS
		25	25	5.64	<13	PASS
		50	0	5.95	<13	PASS
	HCH	1	0	4.64	<13	PASS
		1	24	4.50	<13	PASS
		1	49	4.19	<13	PASS
		25	0	5.66	<13	PASS
		25	12	5.55	<13	PASS
		25	25	5.29	<13	PASS
		50	0	5.89	<13	PASS

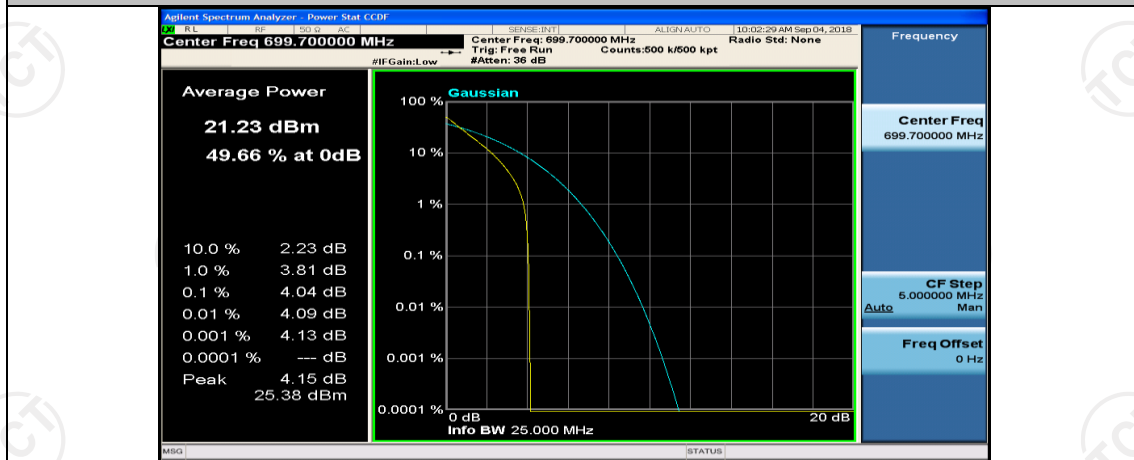
Test Graphs

Channel Bandwidth: 1.4 MHz

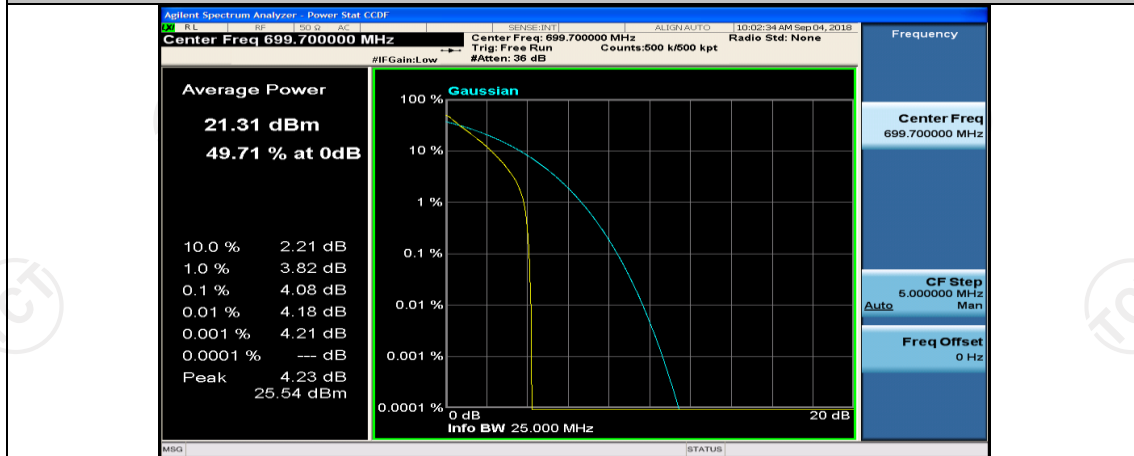




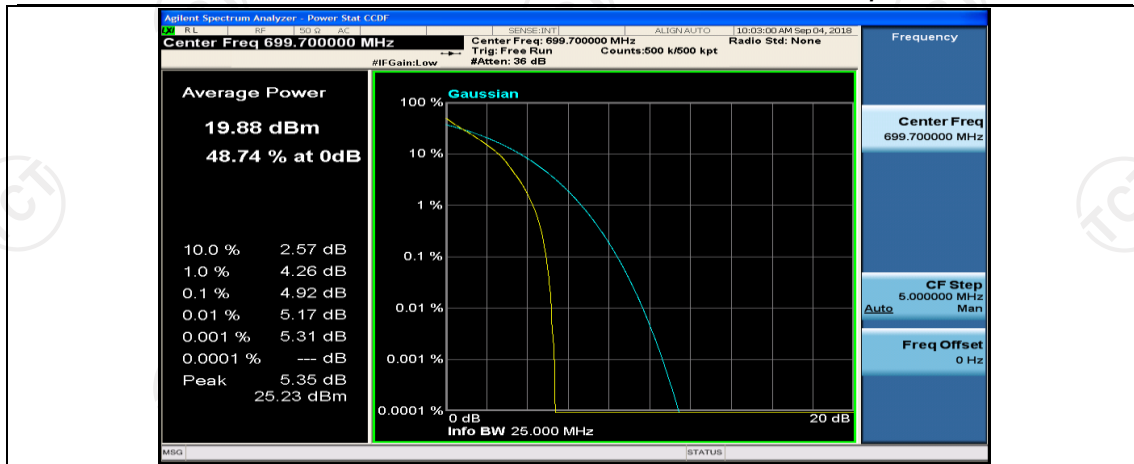
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



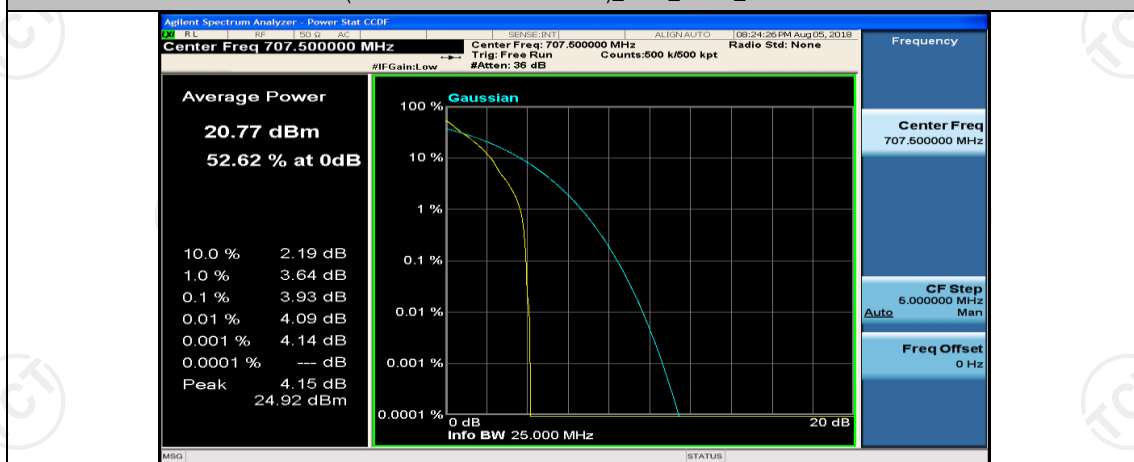
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



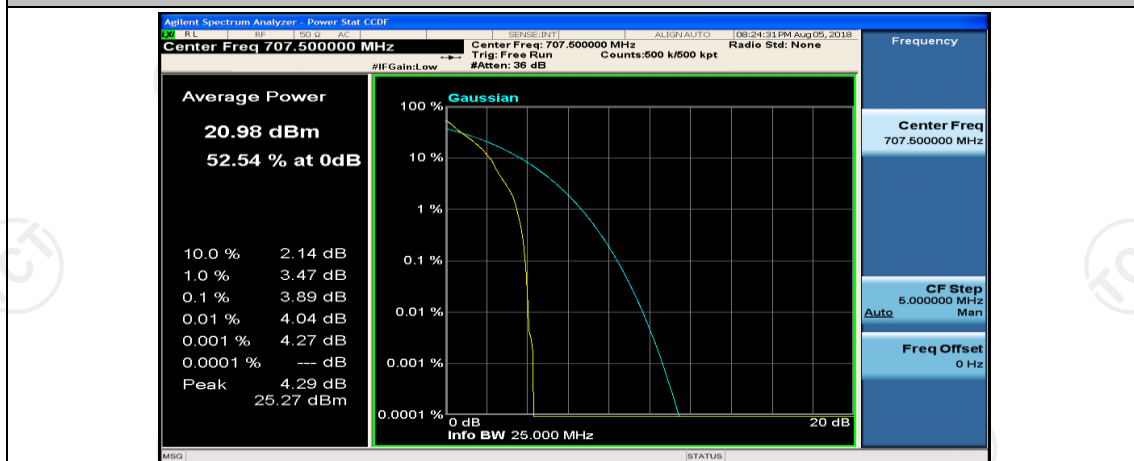
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



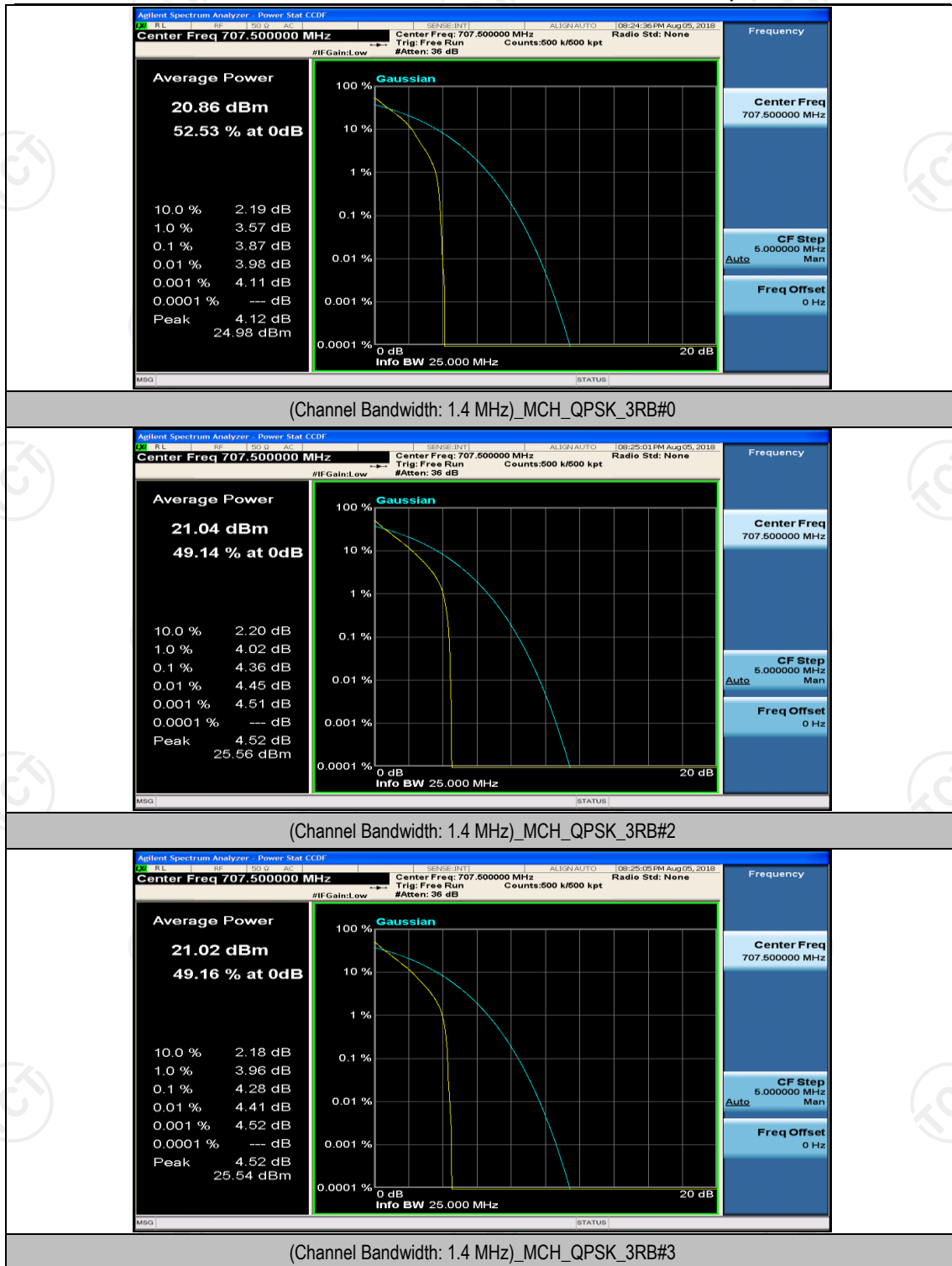
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

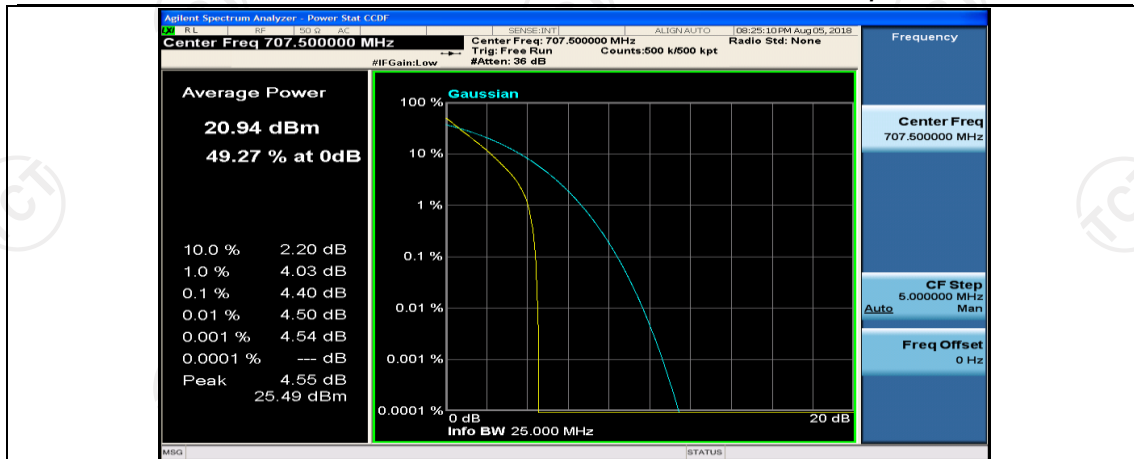


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

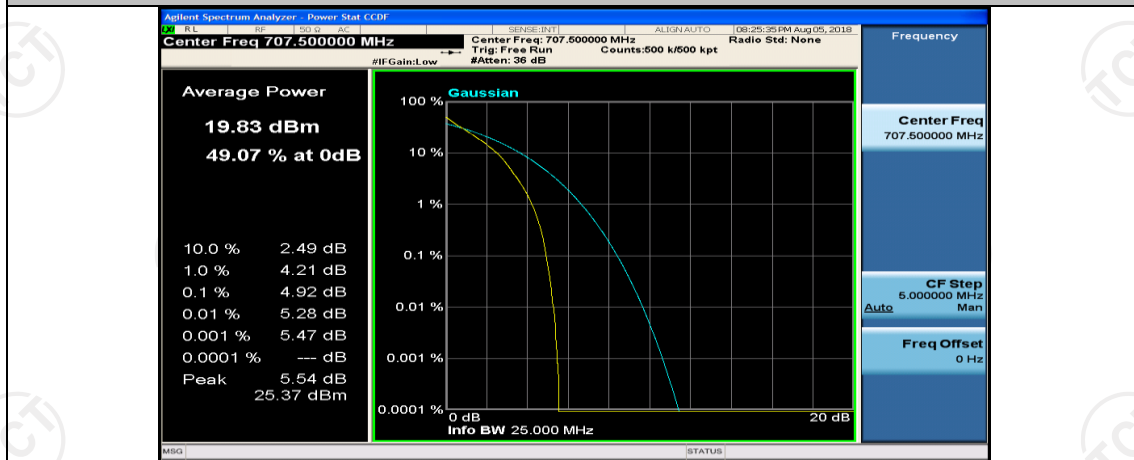


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

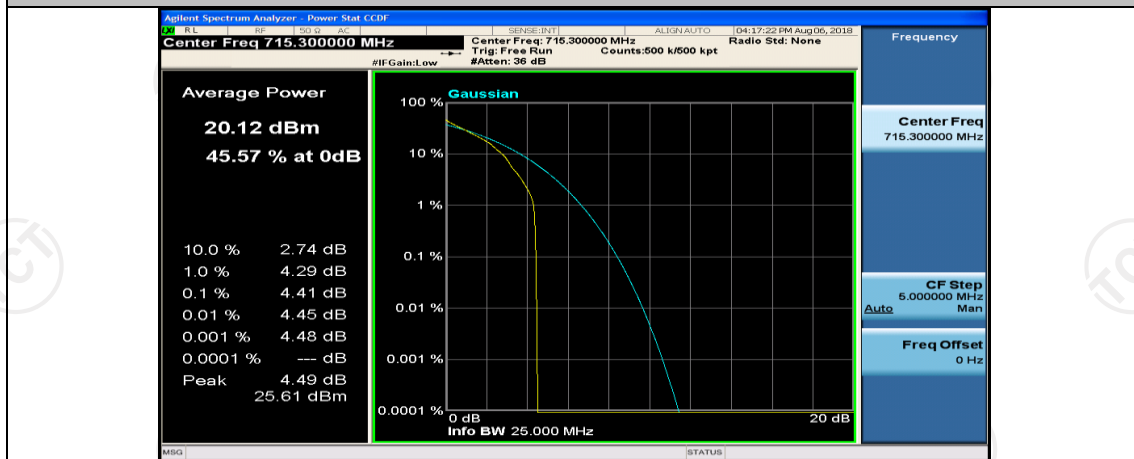




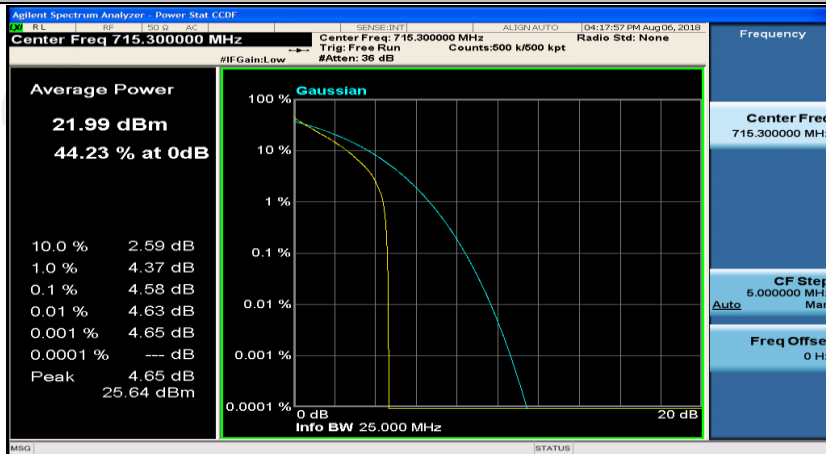
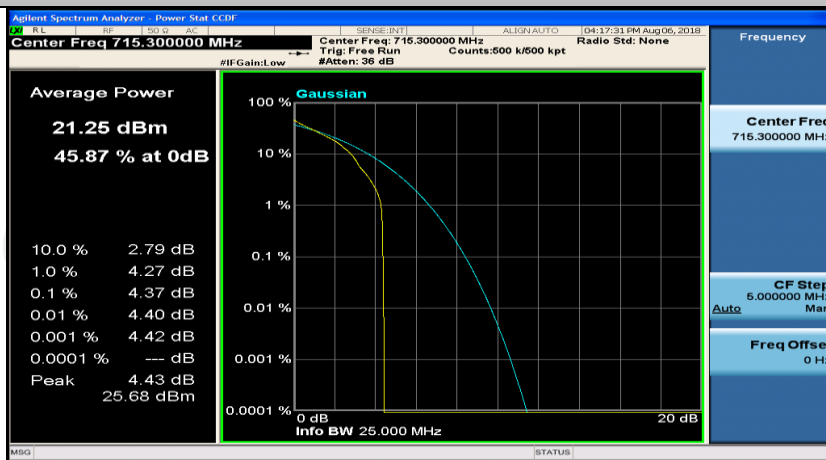
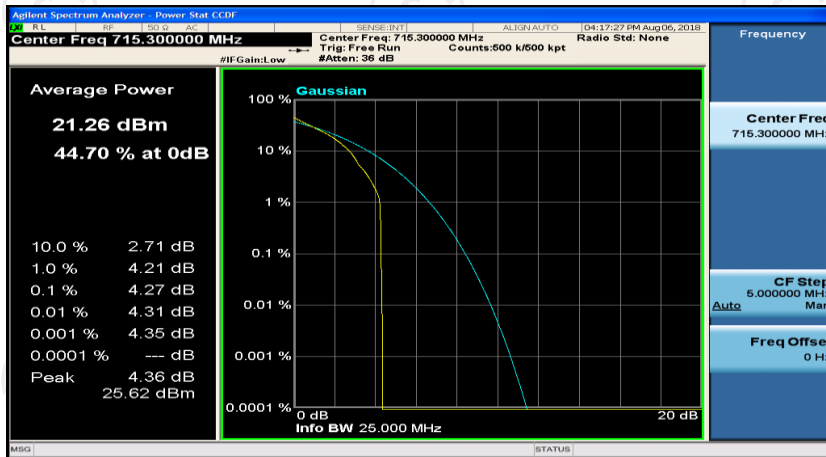
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0

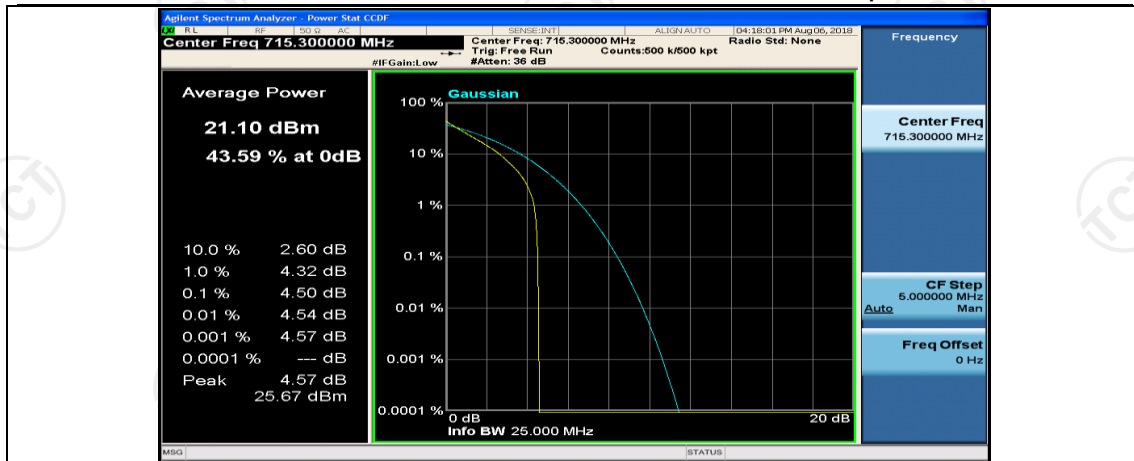


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

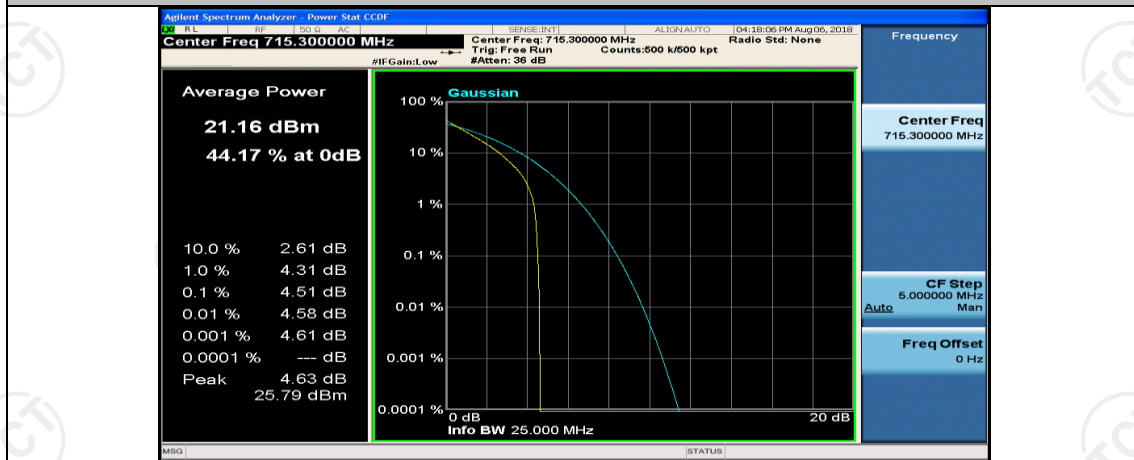


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3

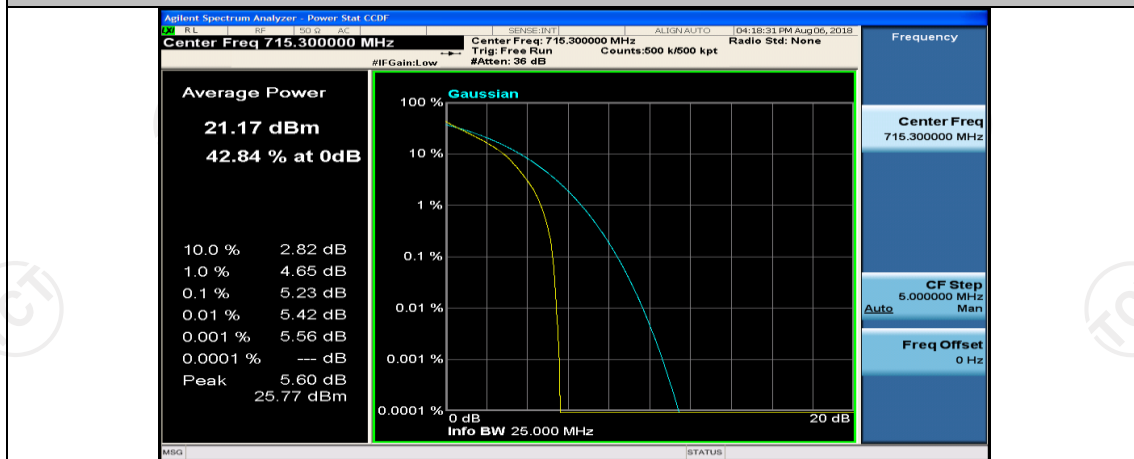




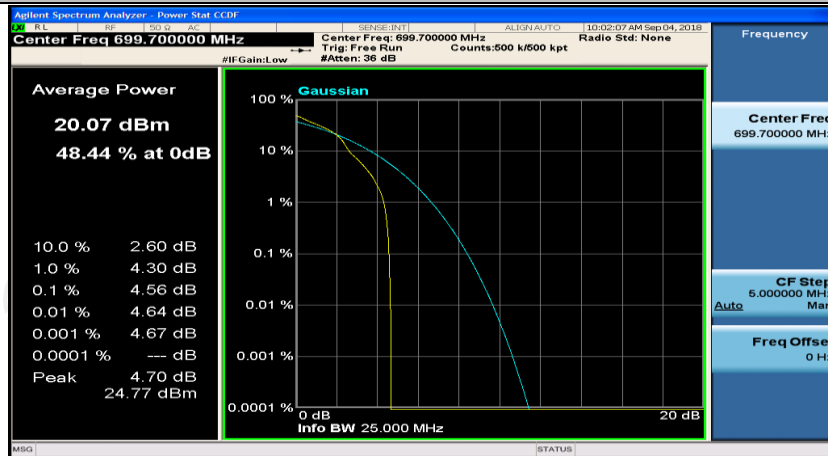
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



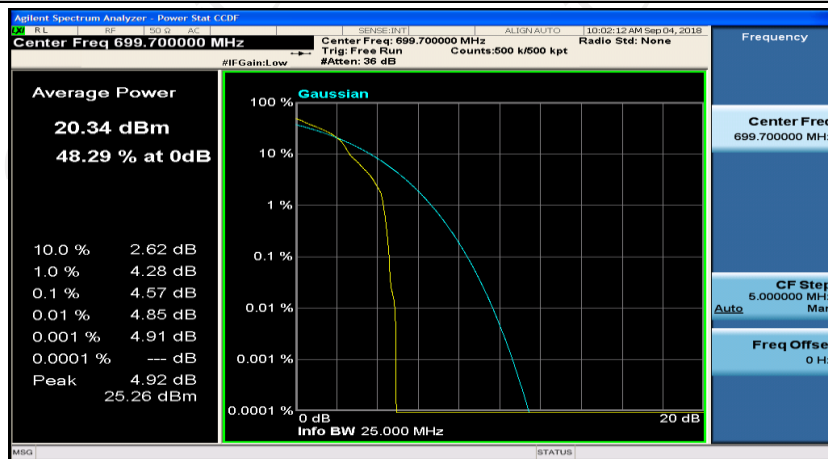
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



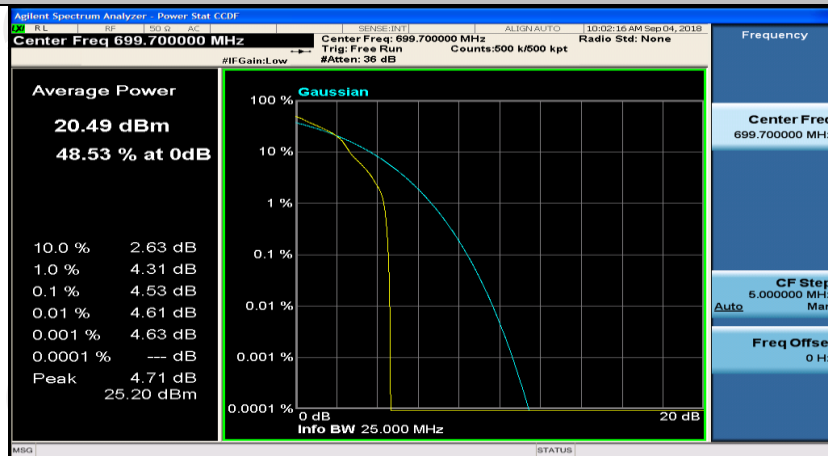
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



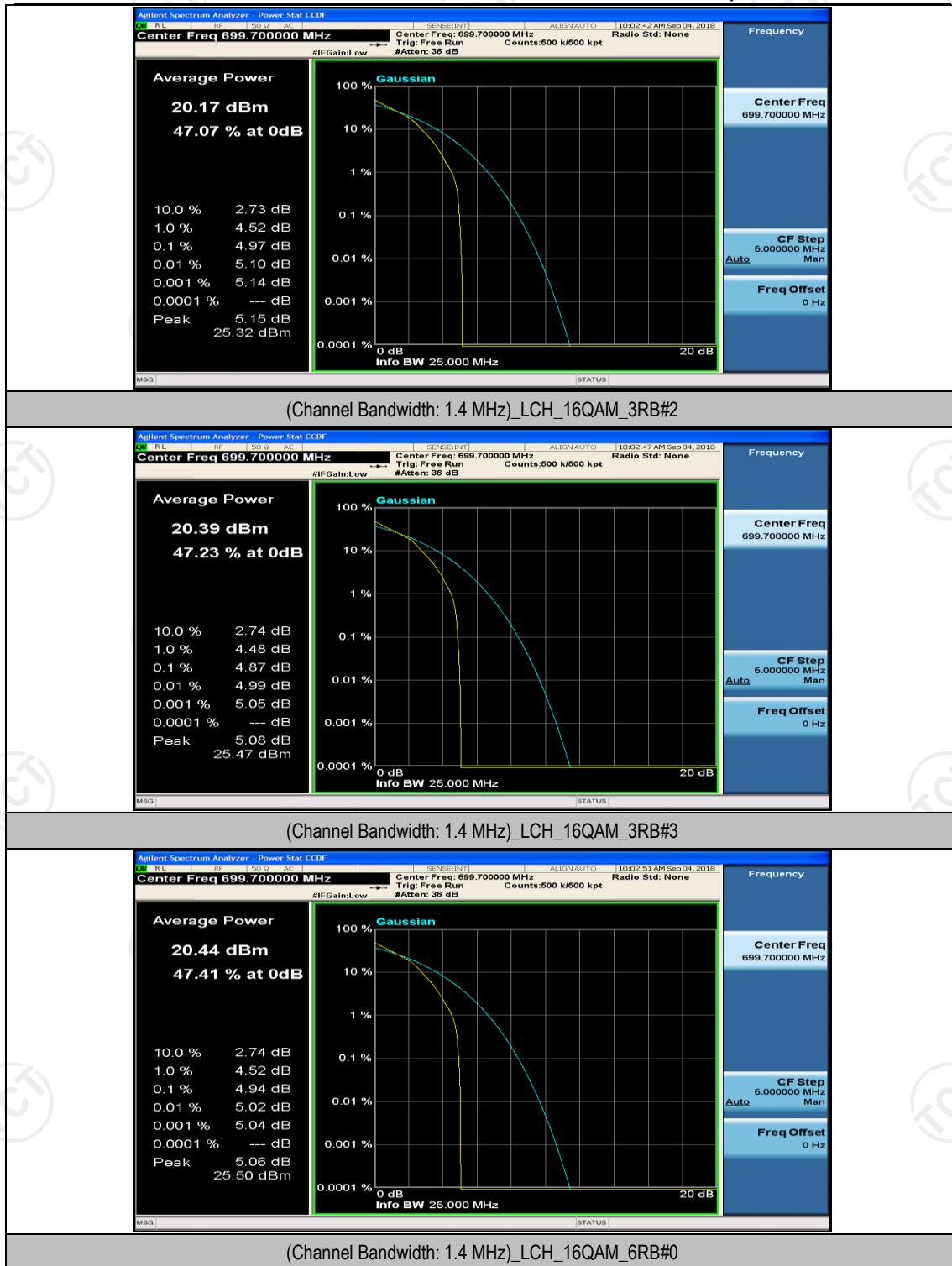
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5

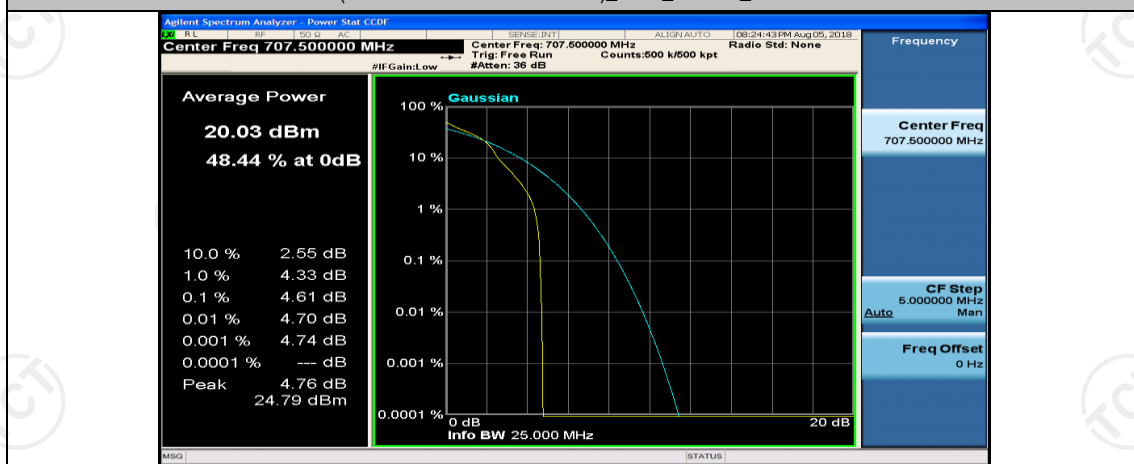


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0

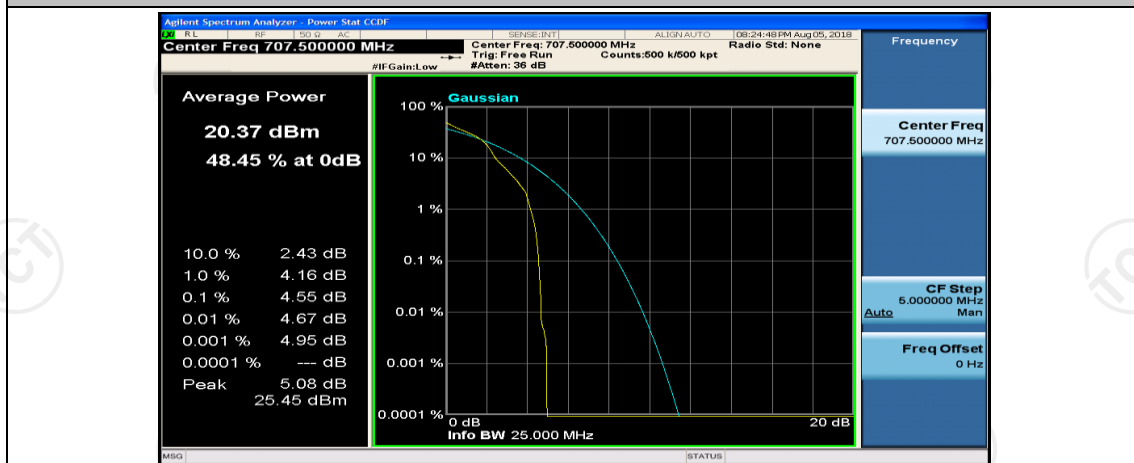




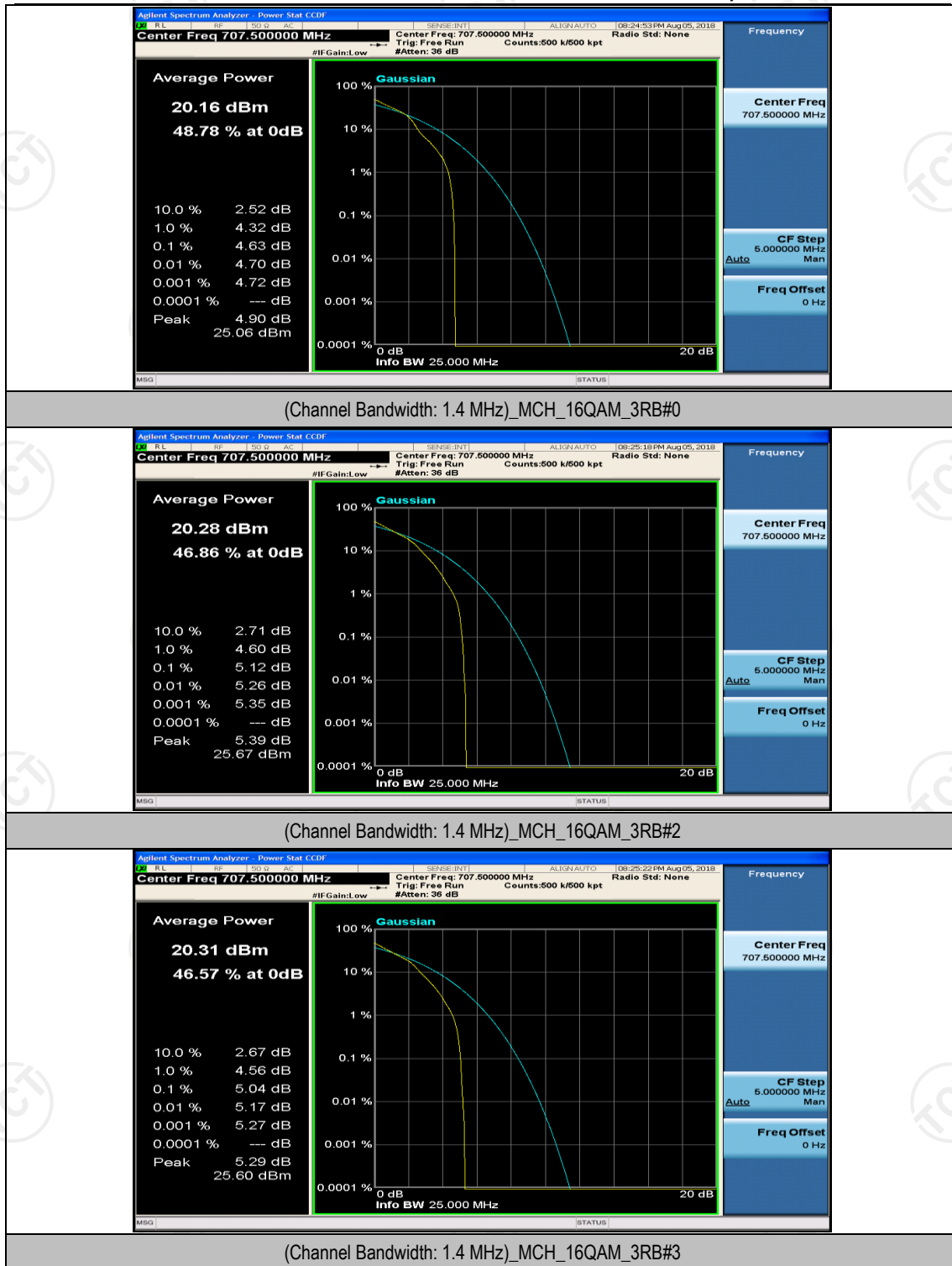
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

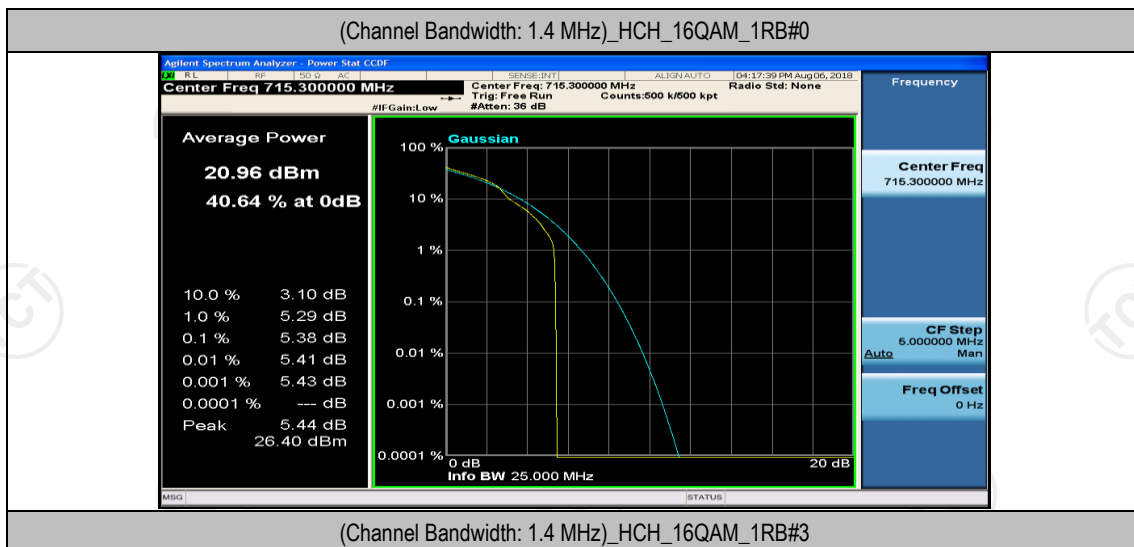
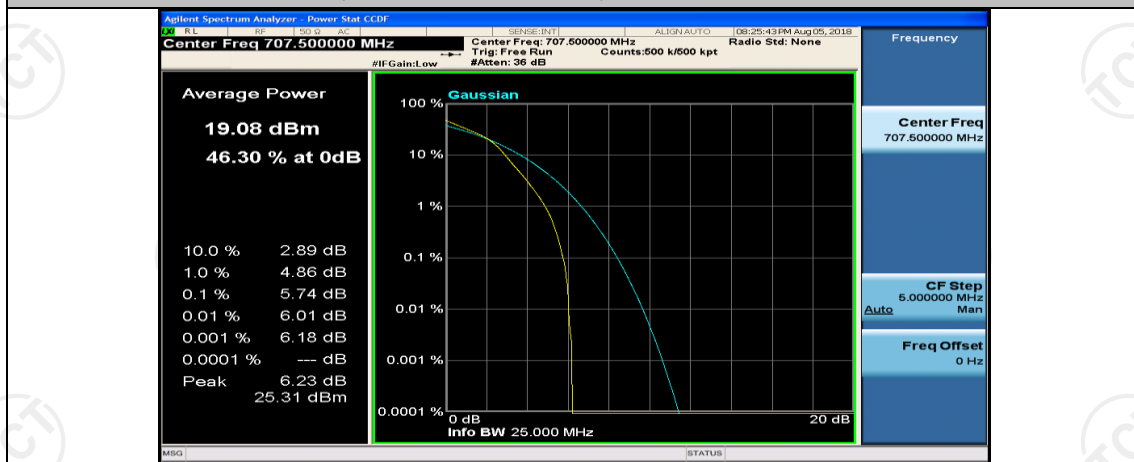
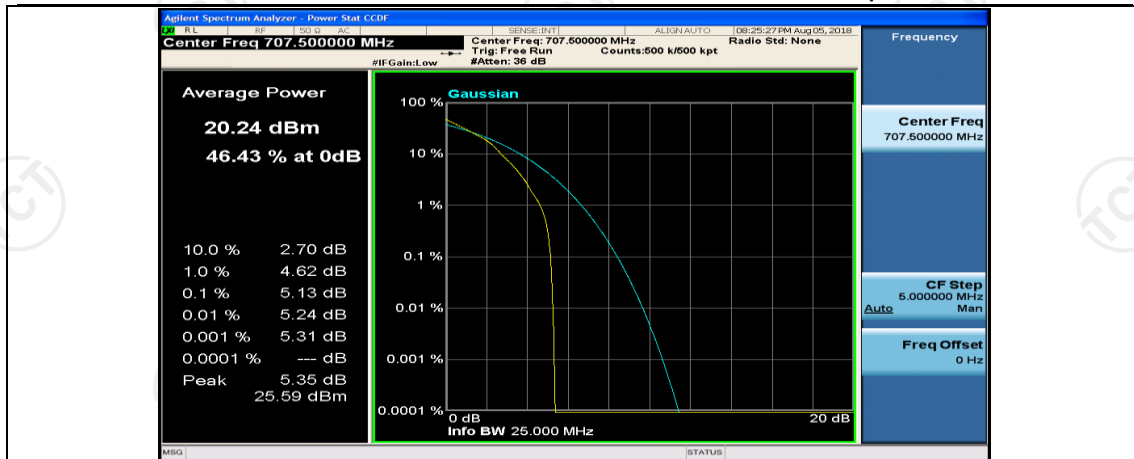


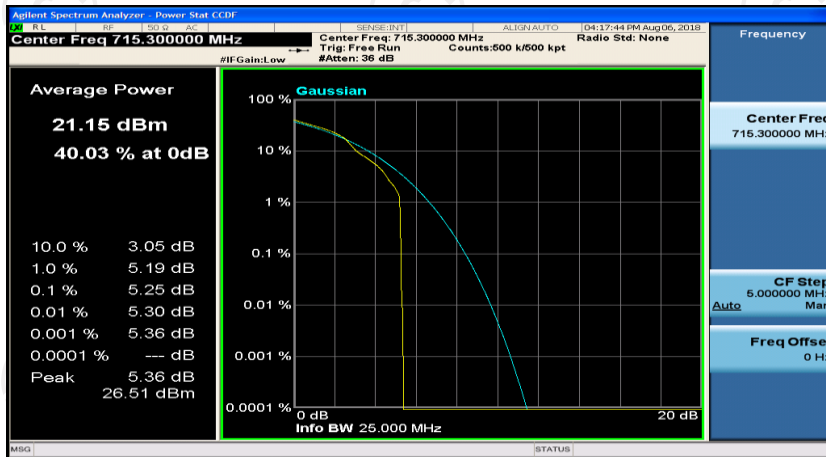
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



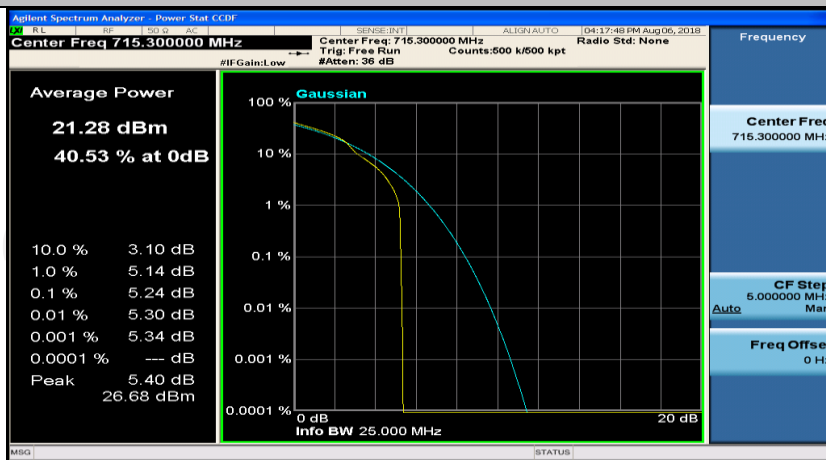
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



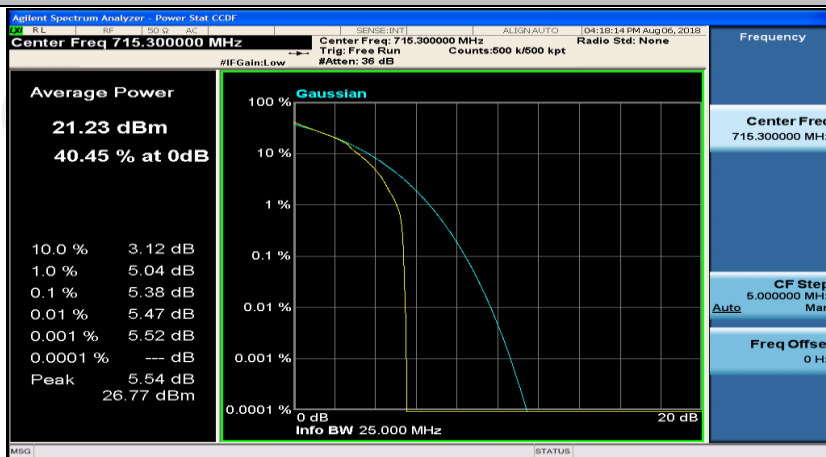




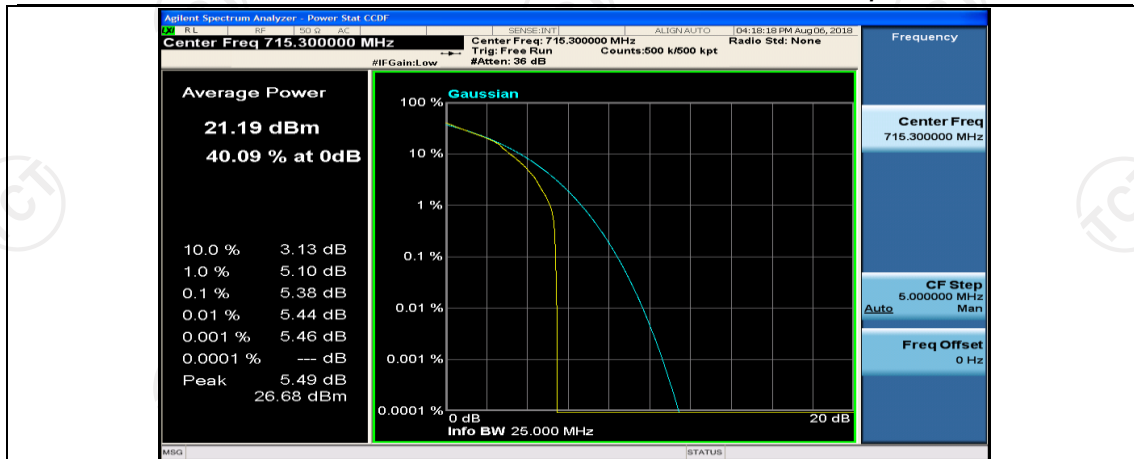
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



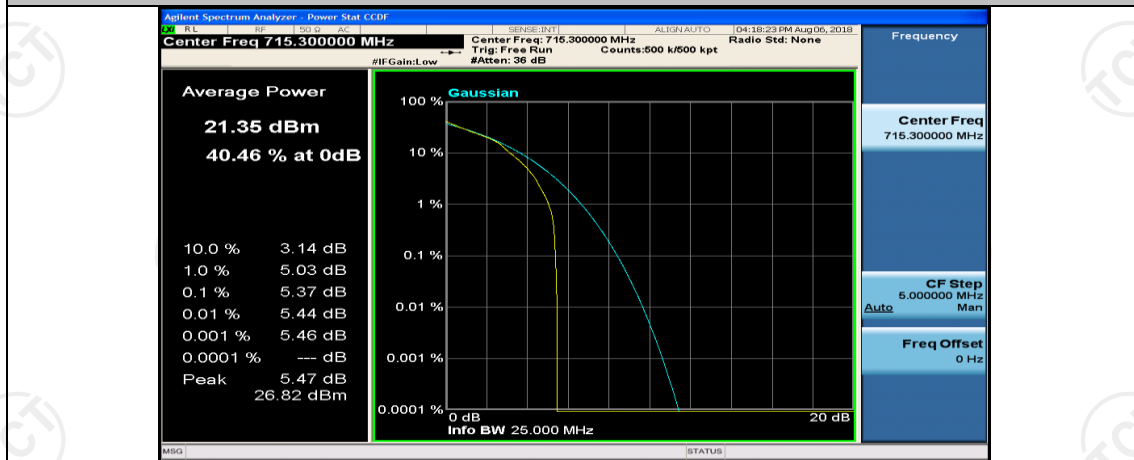
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



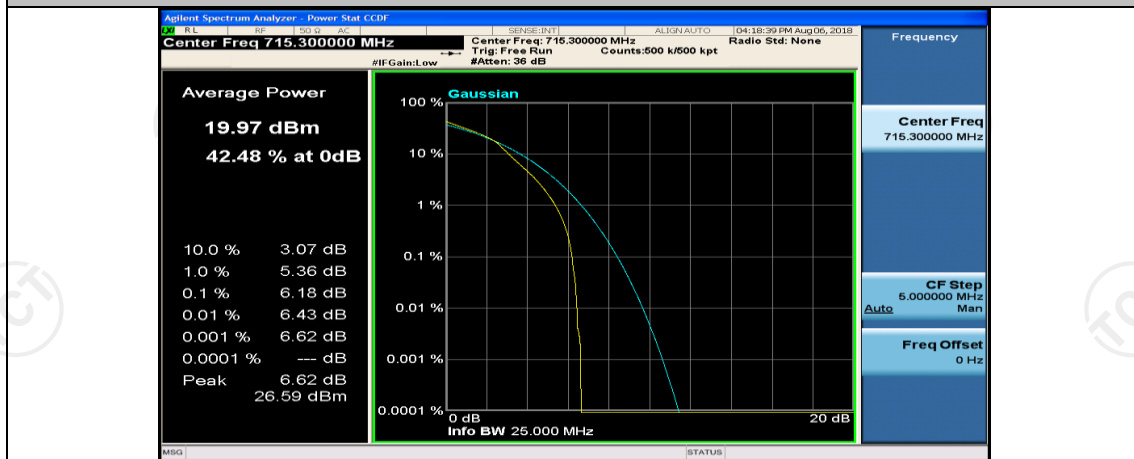
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

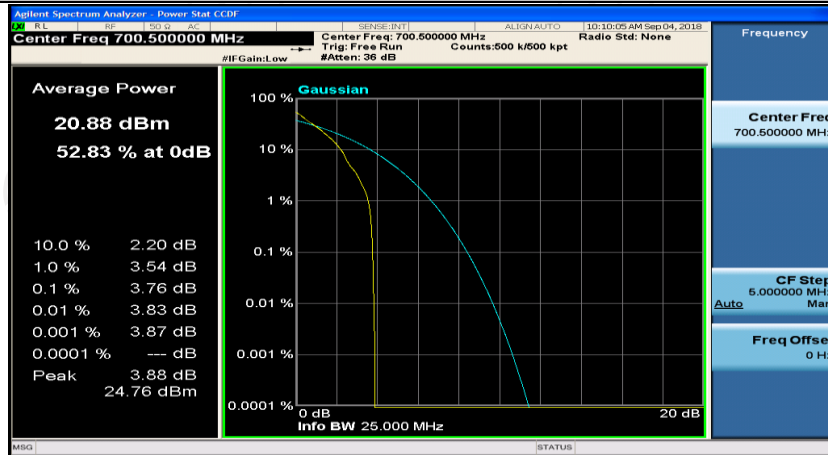


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

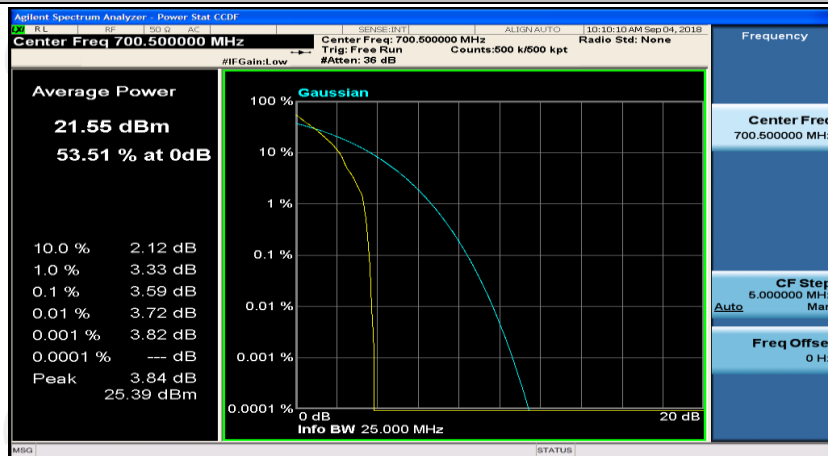


Channel Bandwidth: 3 MHz

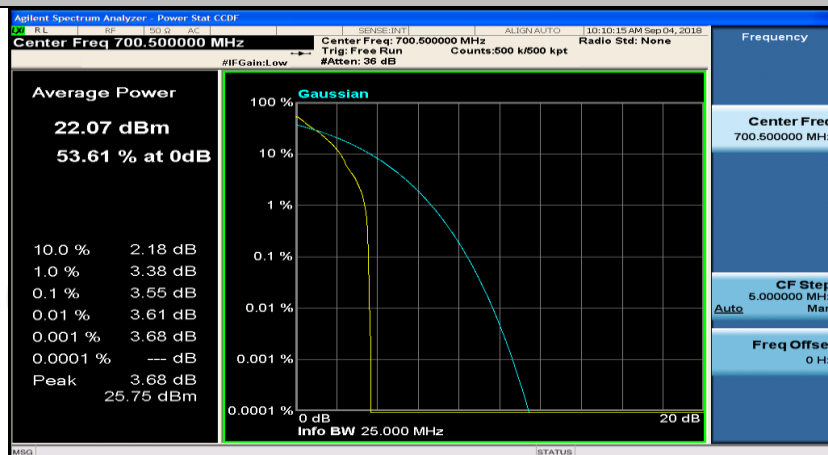
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



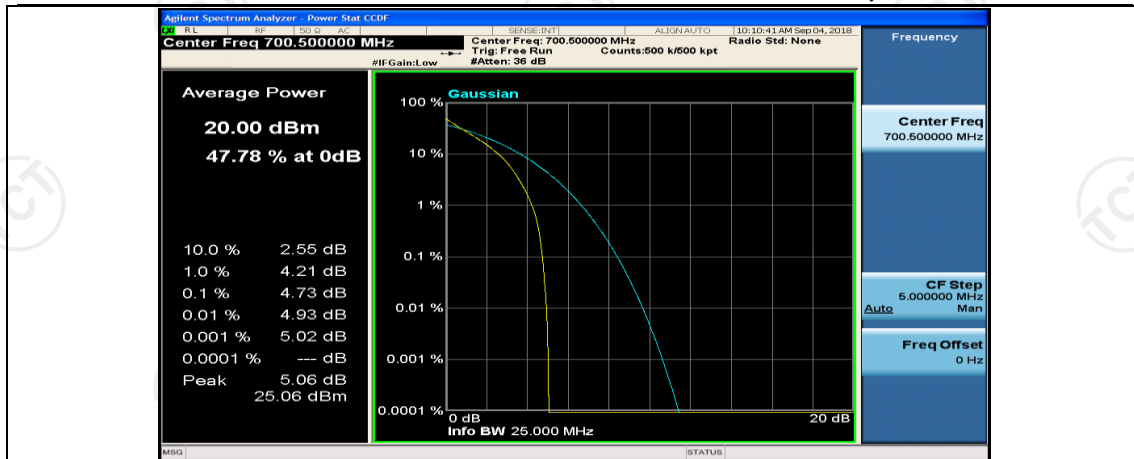
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



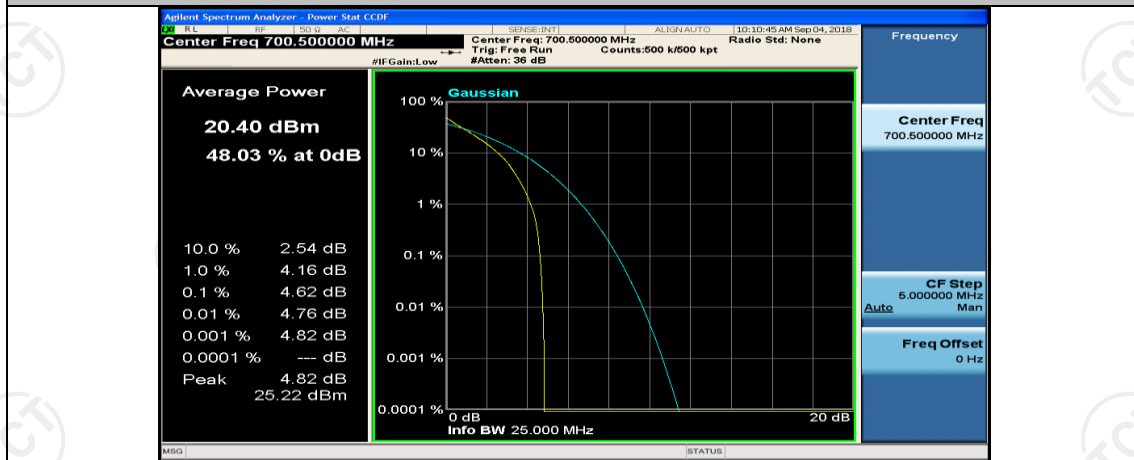
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



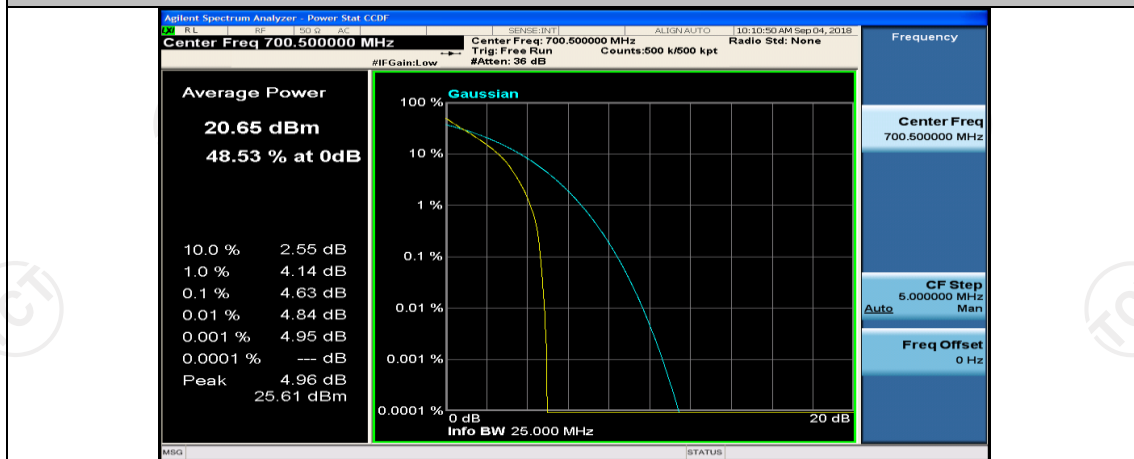
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0



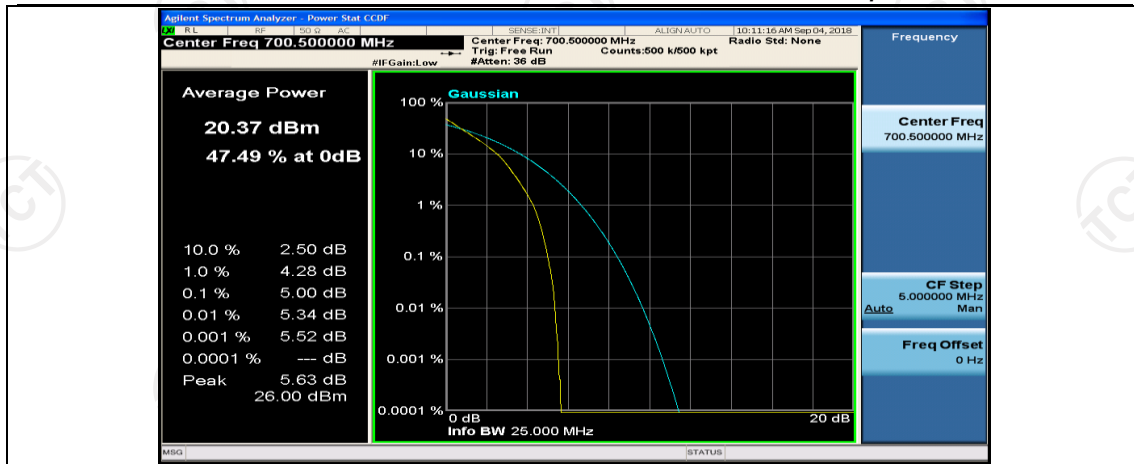
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4



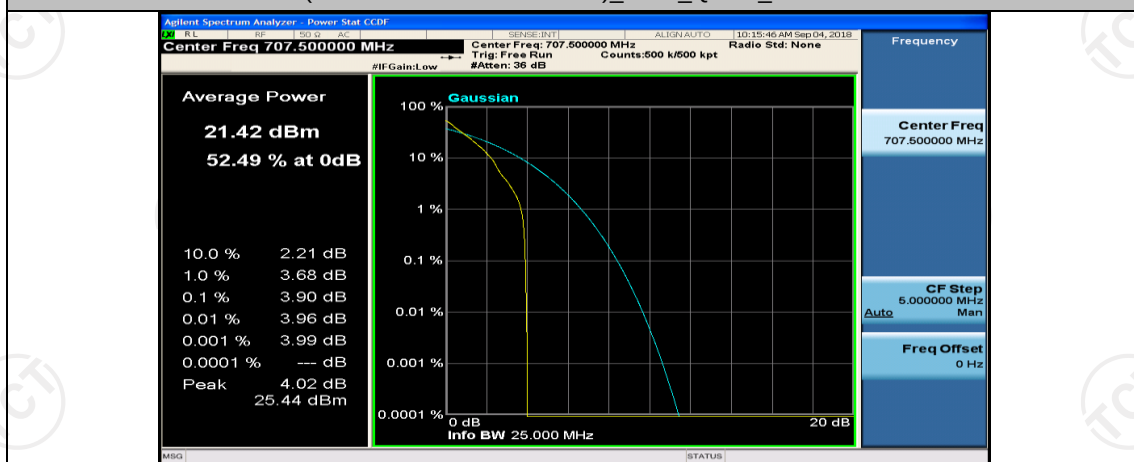
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



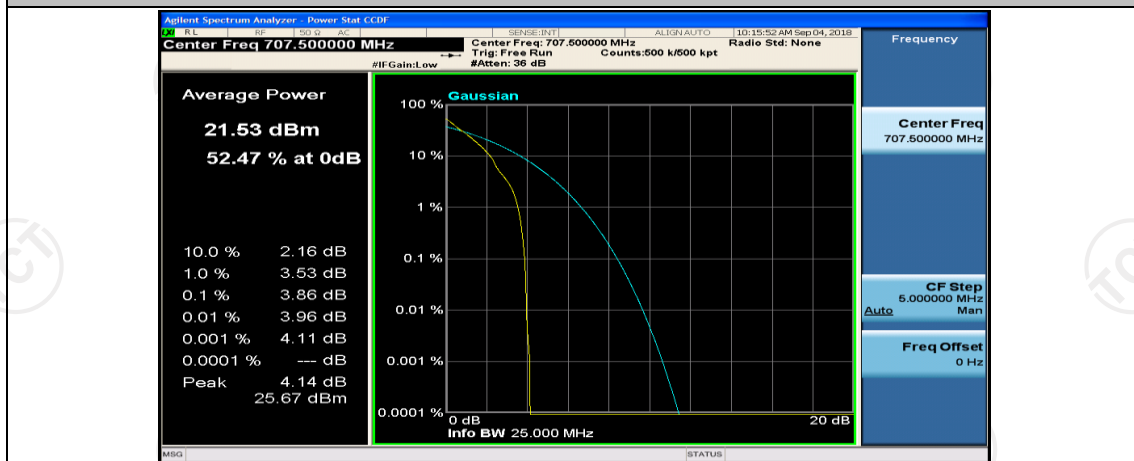
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



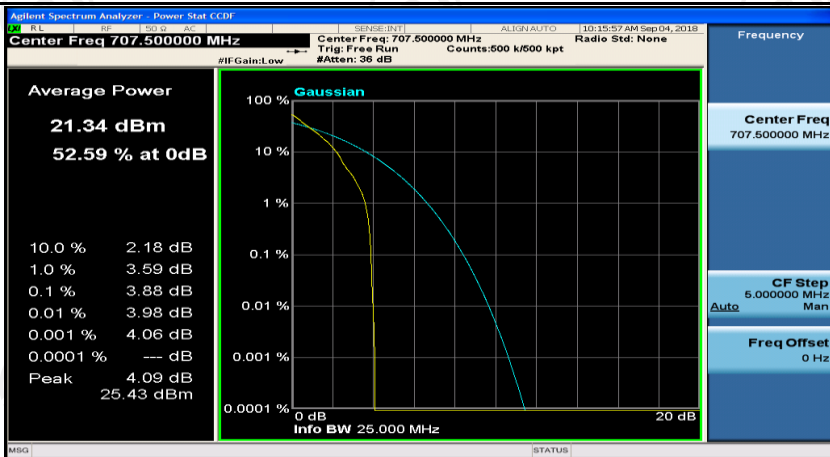
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



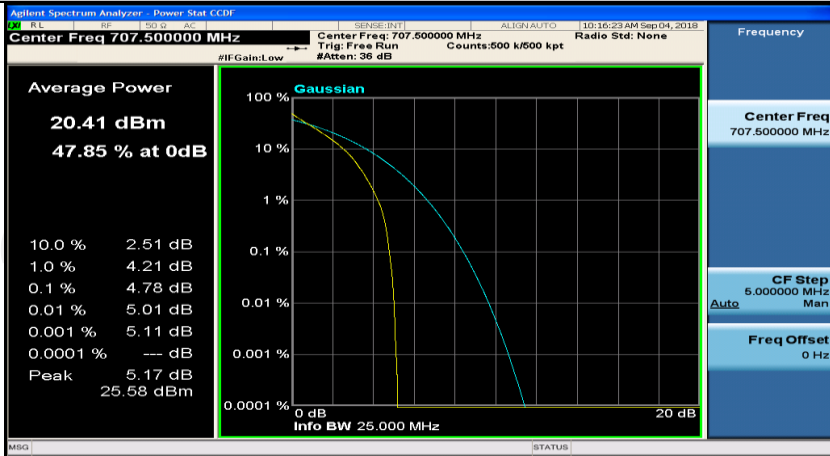
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7



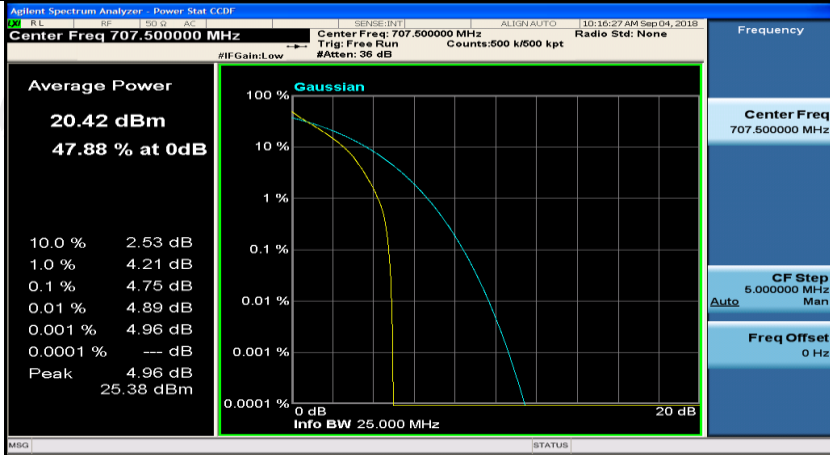
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



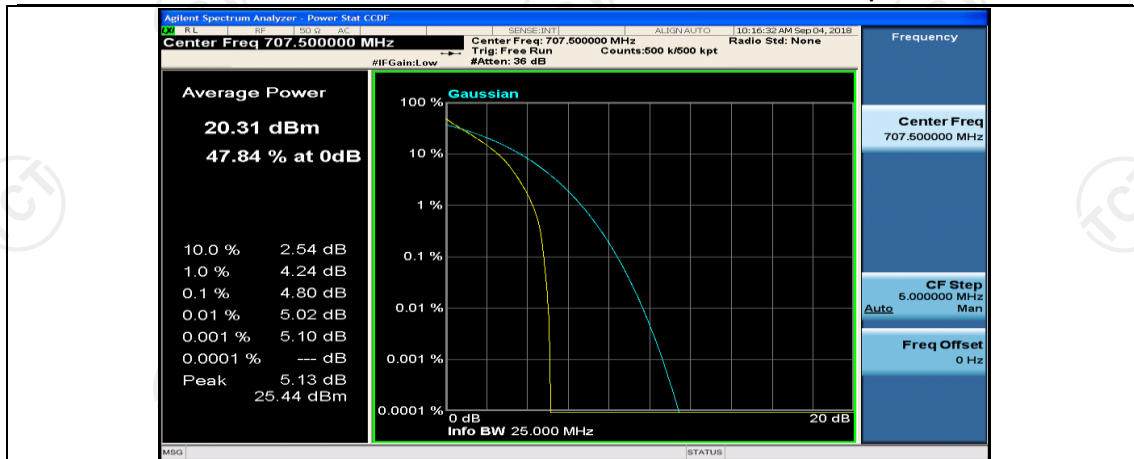
(Channel Bandwidth: 3 MHz) MCH QPSK 8RB#0



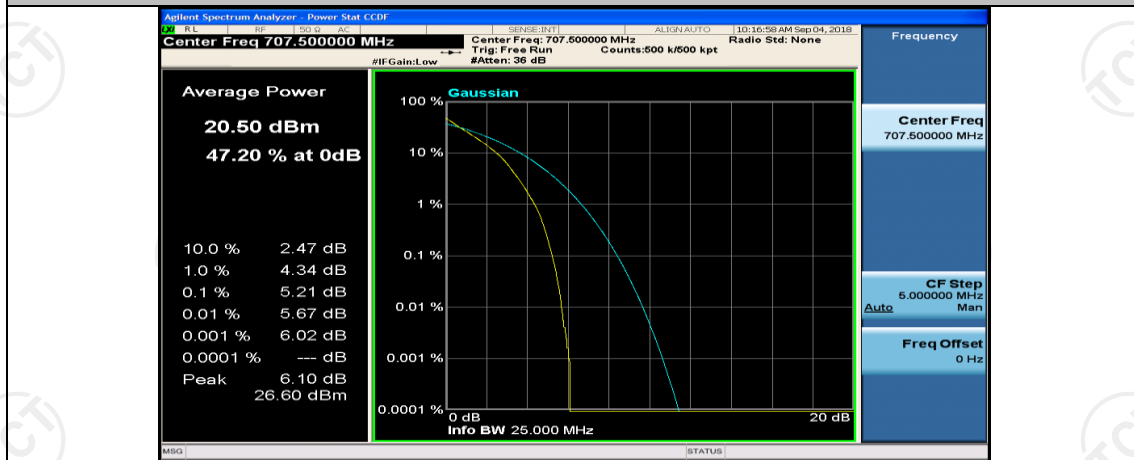
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#4



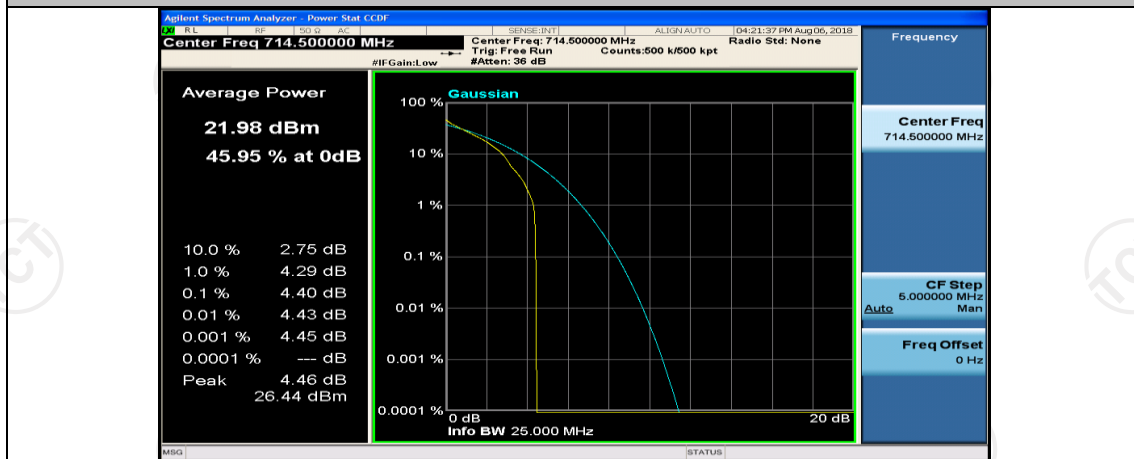
(Channel Bandwidth: 3 MHz) MCH QPSK 8RB#7



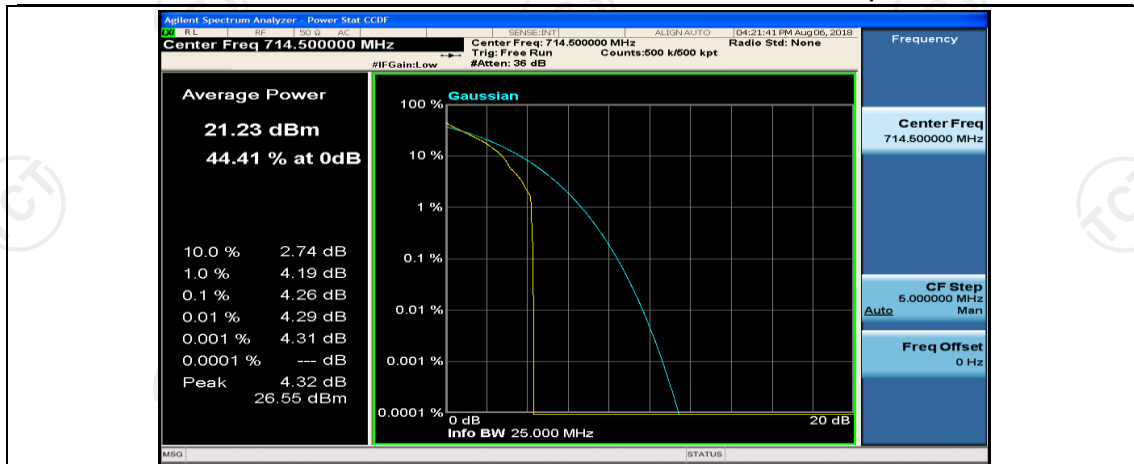
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



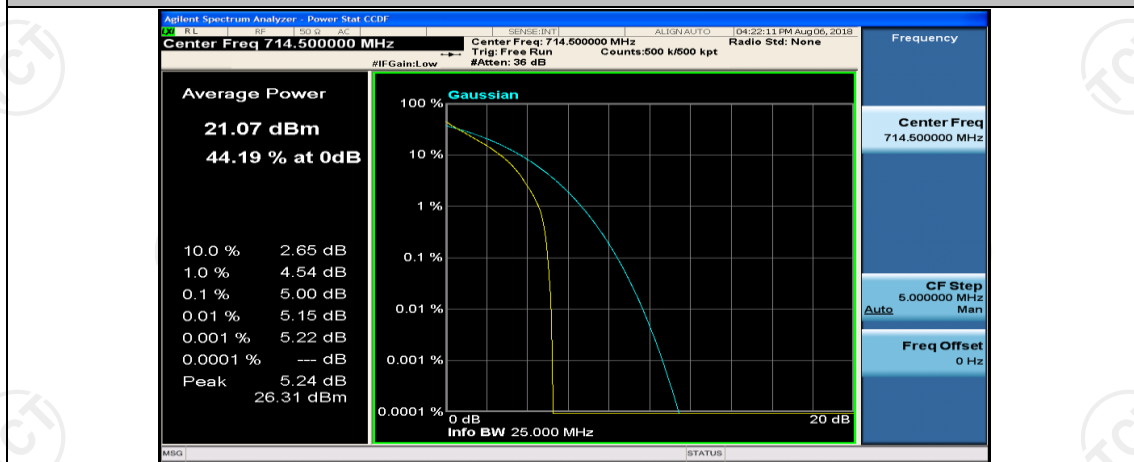
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



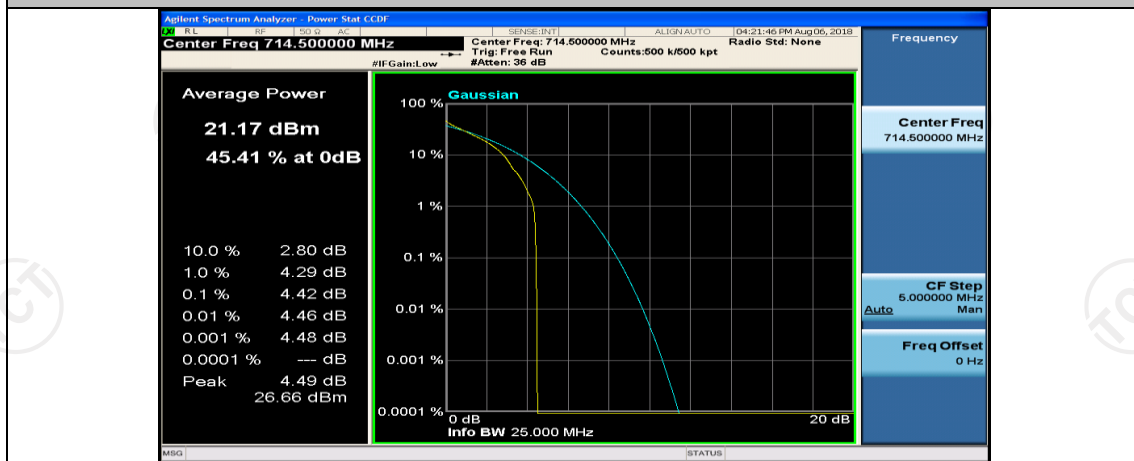
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



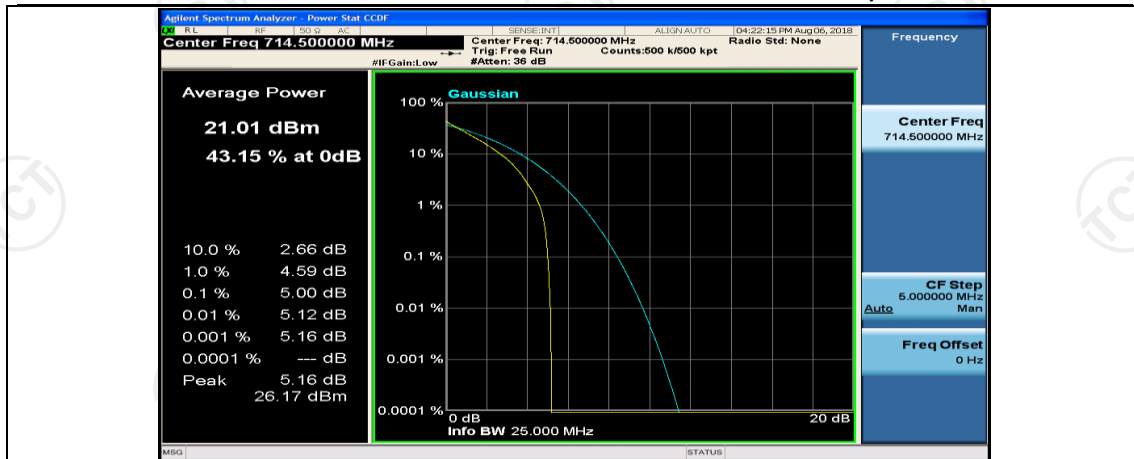
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



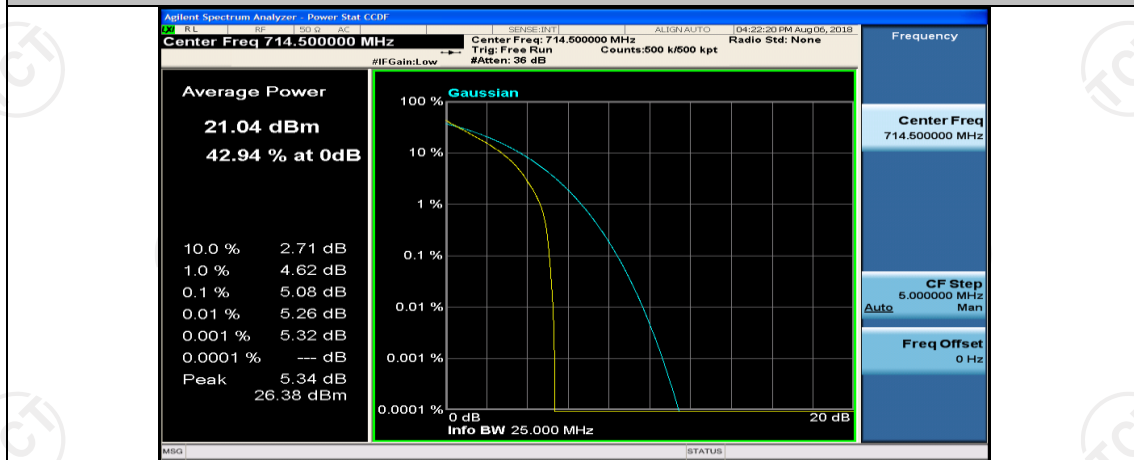
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



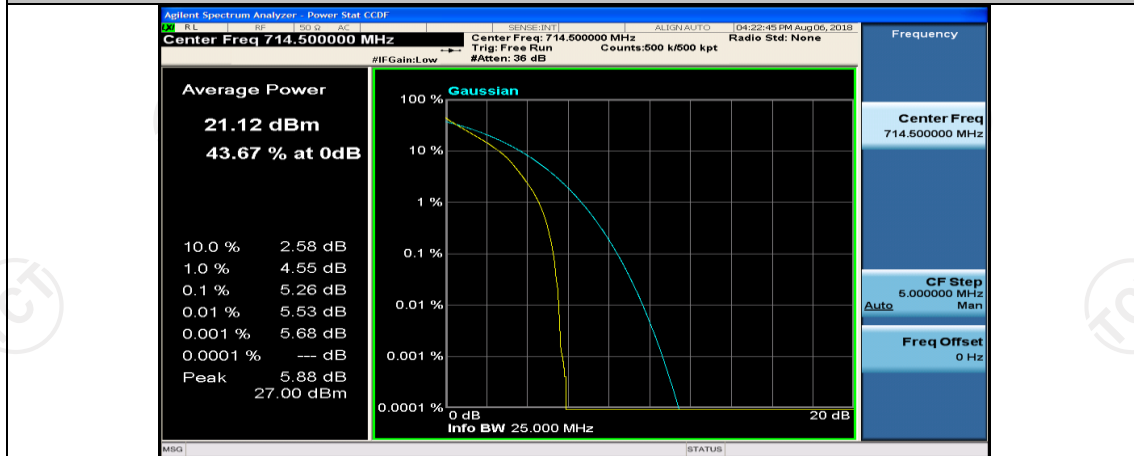
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4



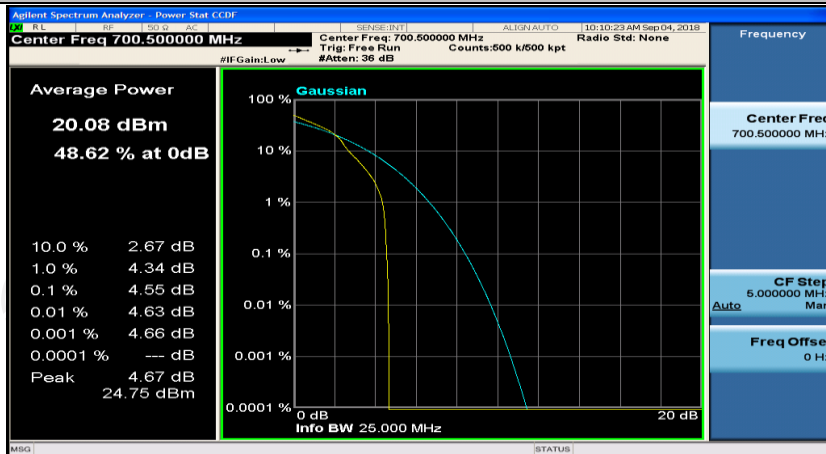
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7



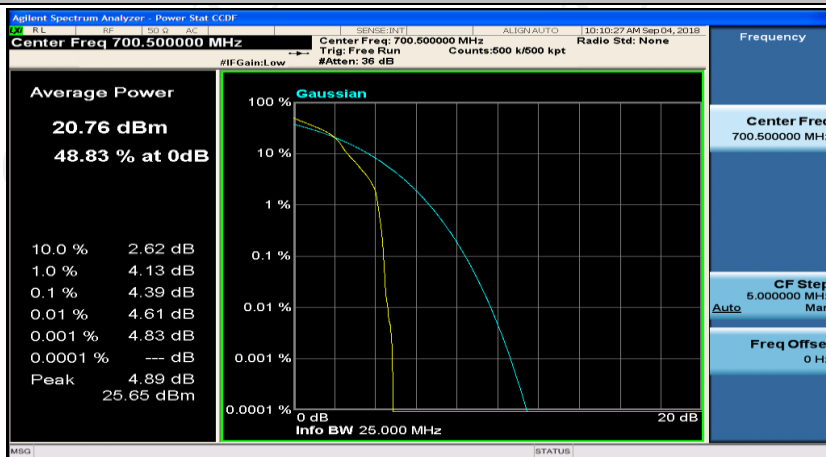
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



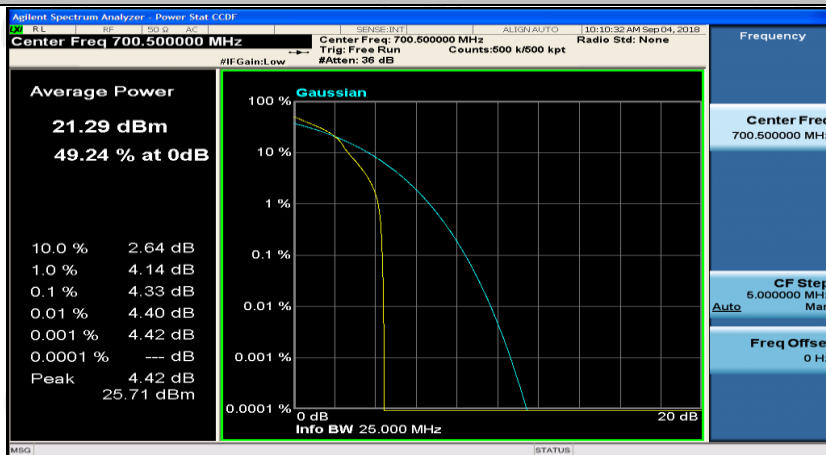
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



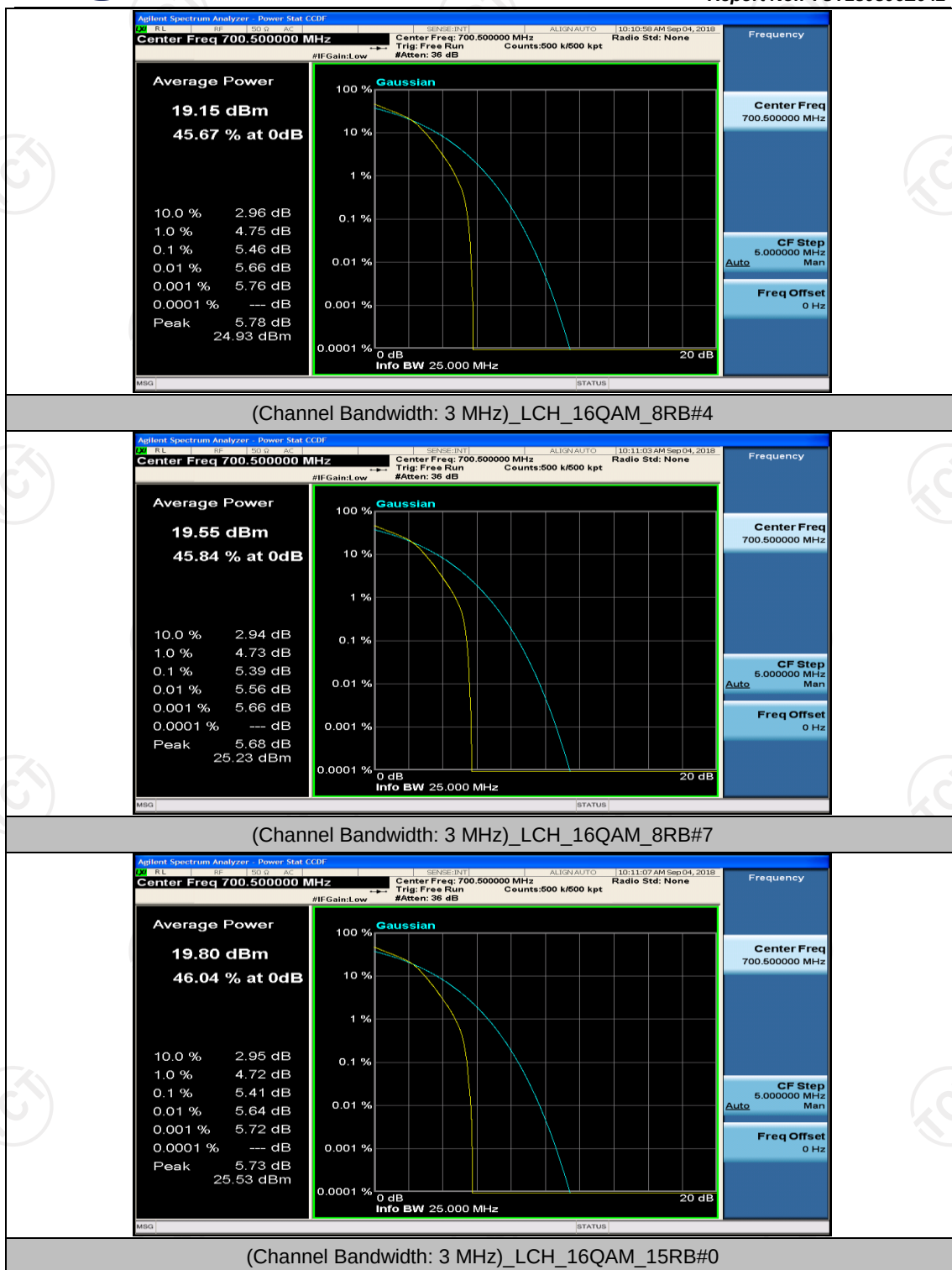
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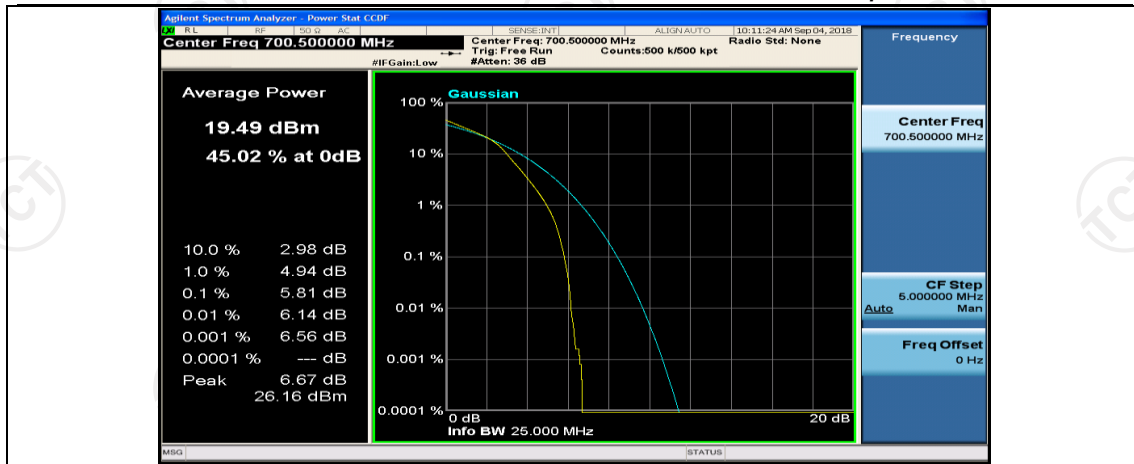


(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14

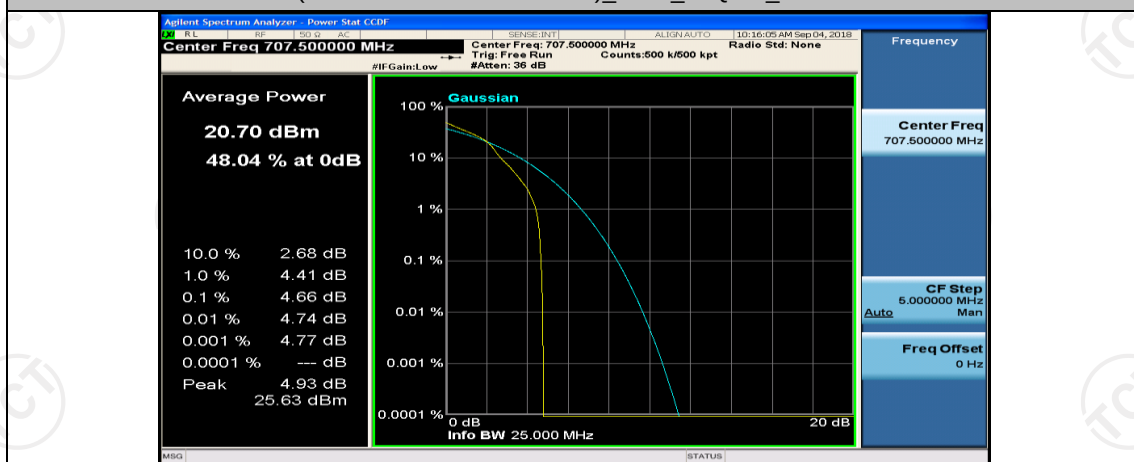


(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0

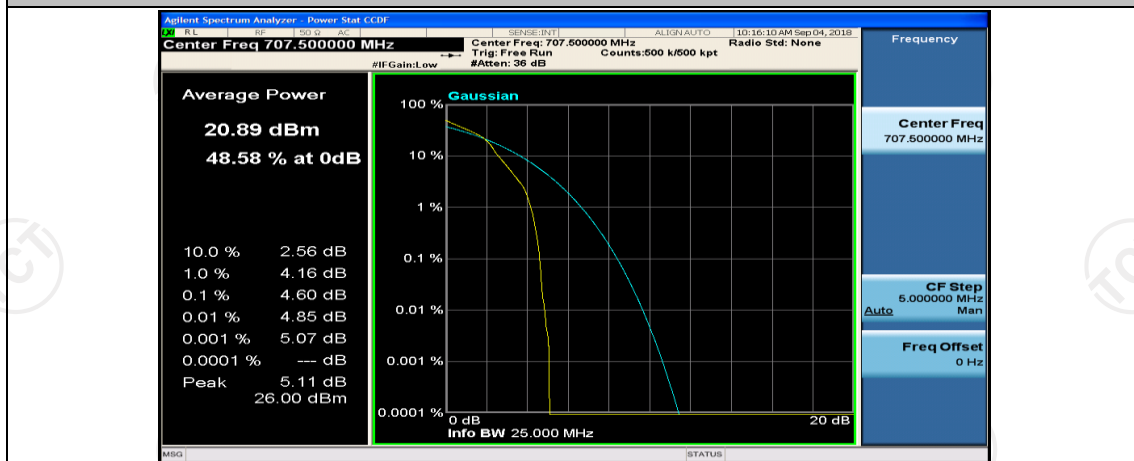




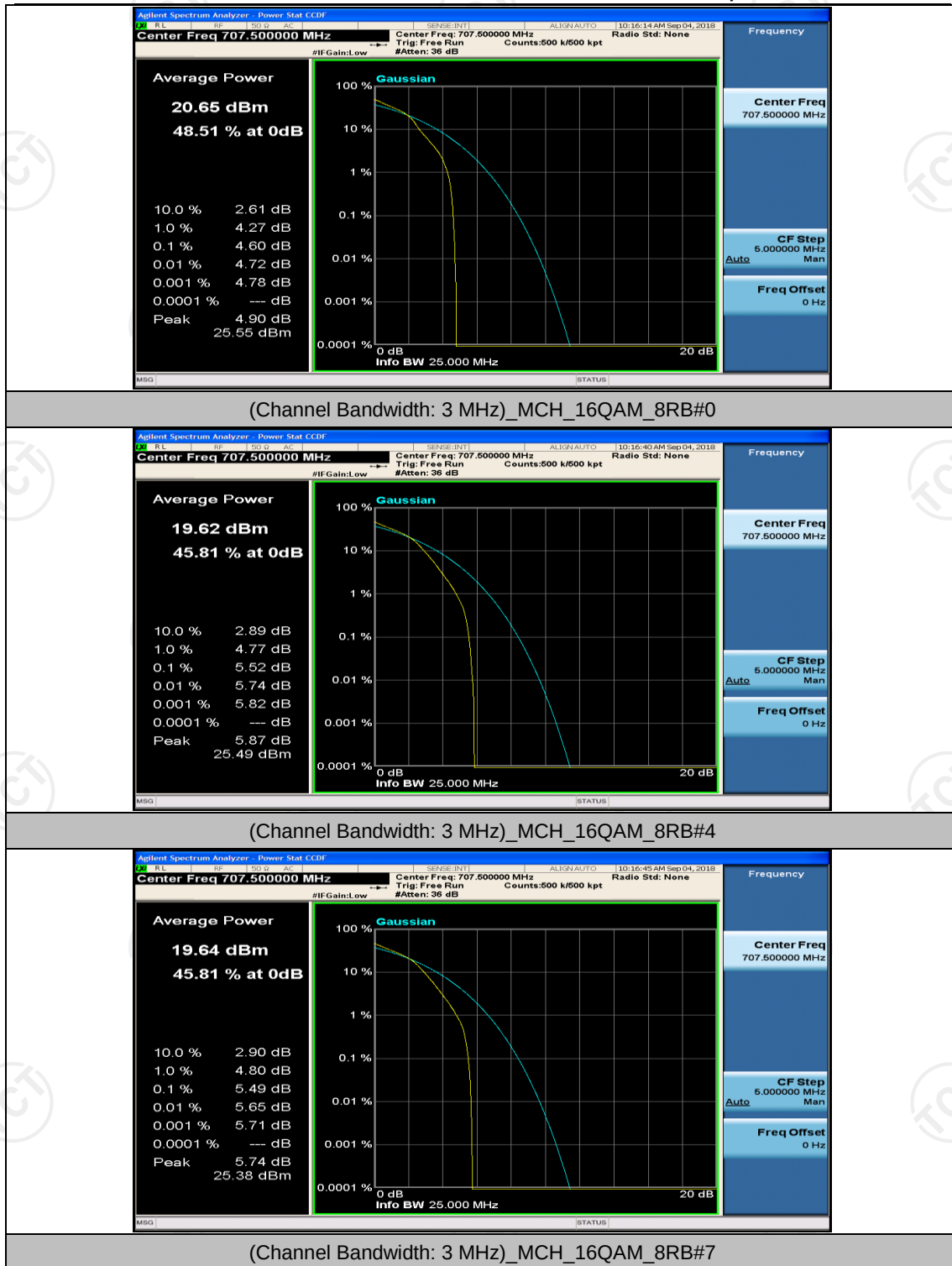
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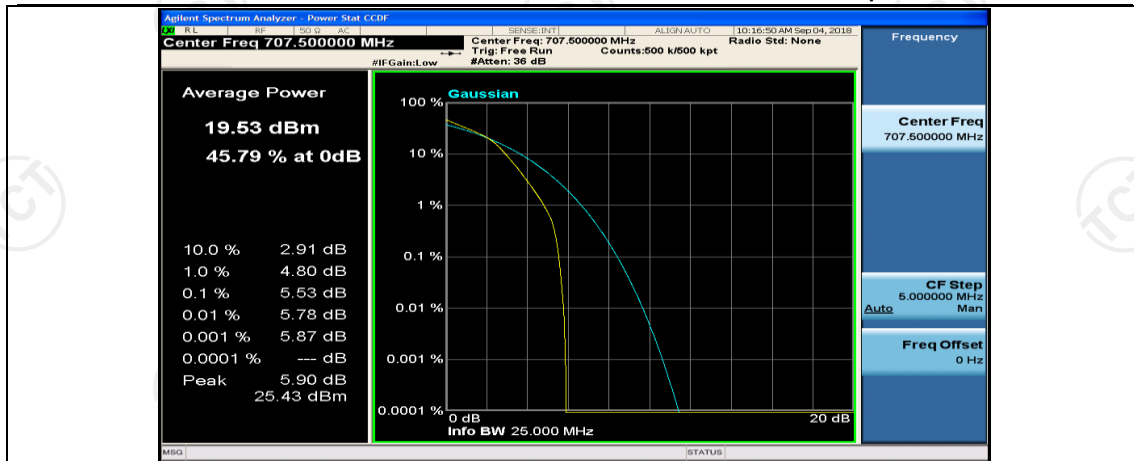


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

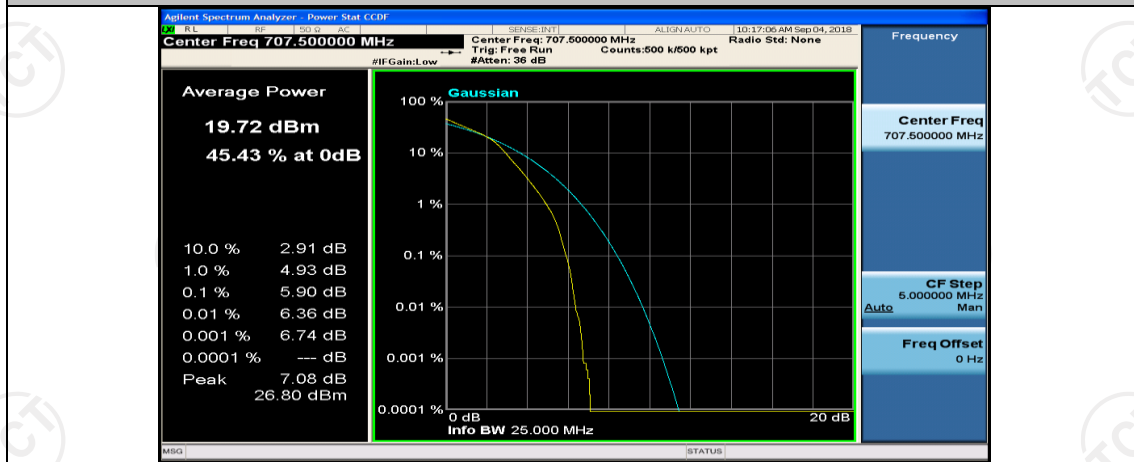


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

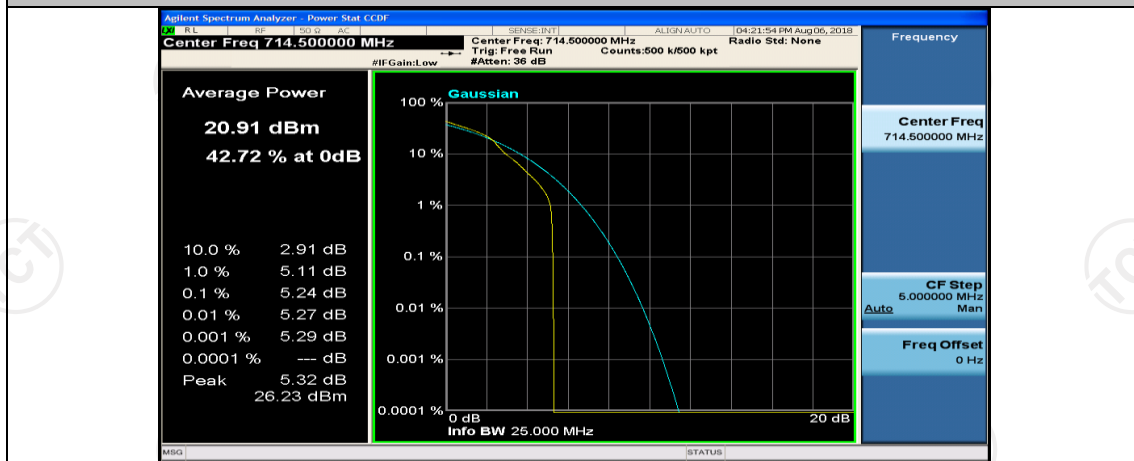




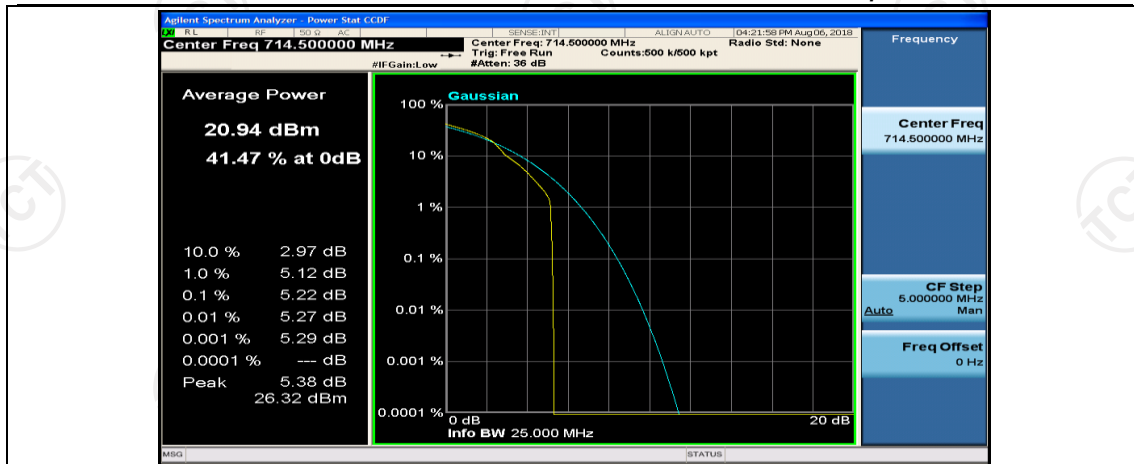
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



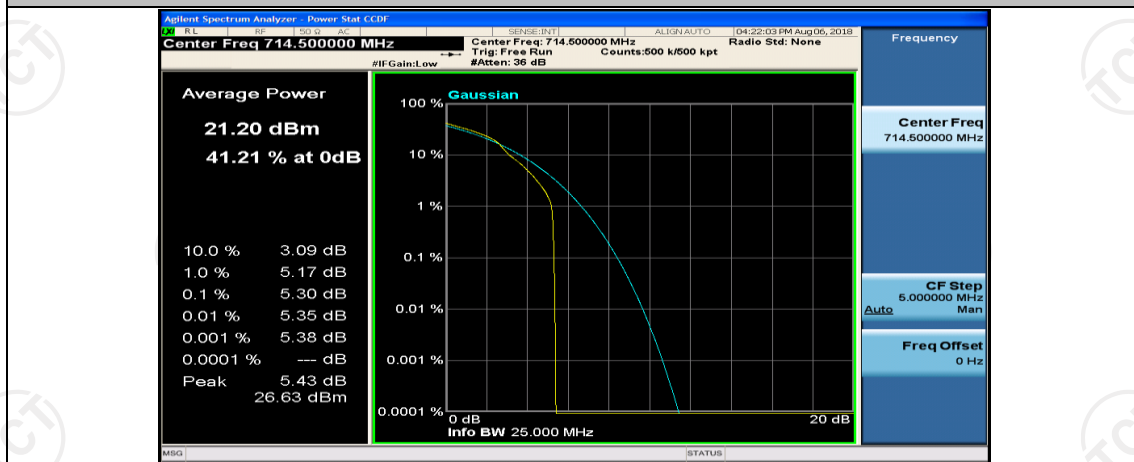
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



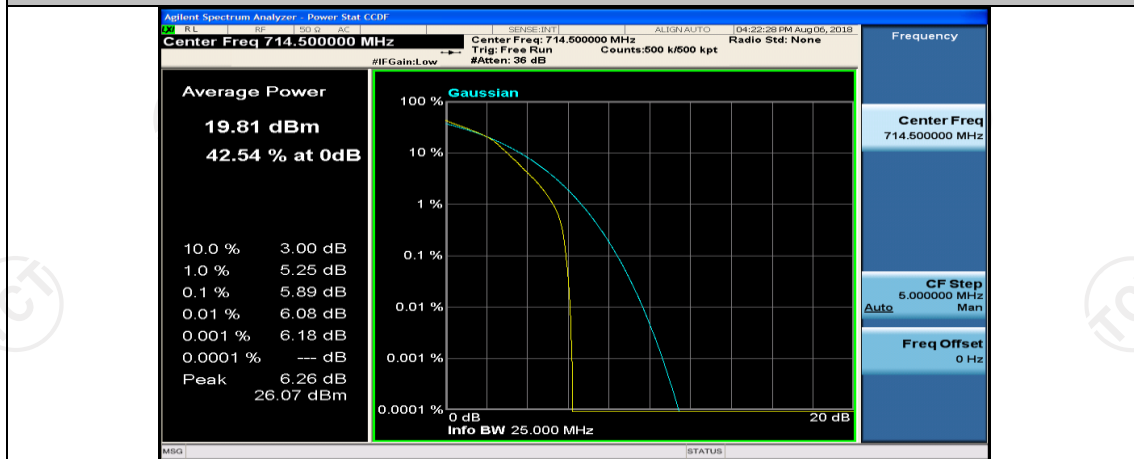
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



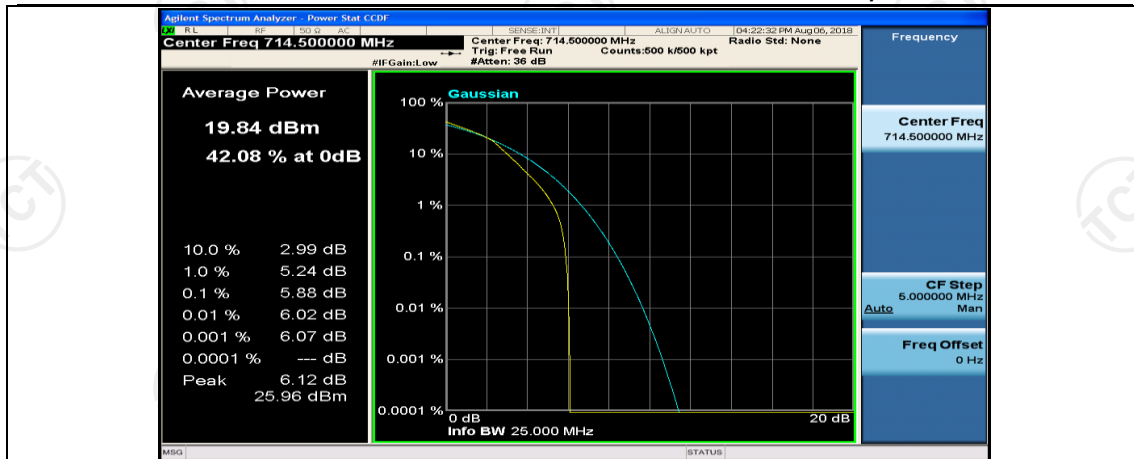
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14



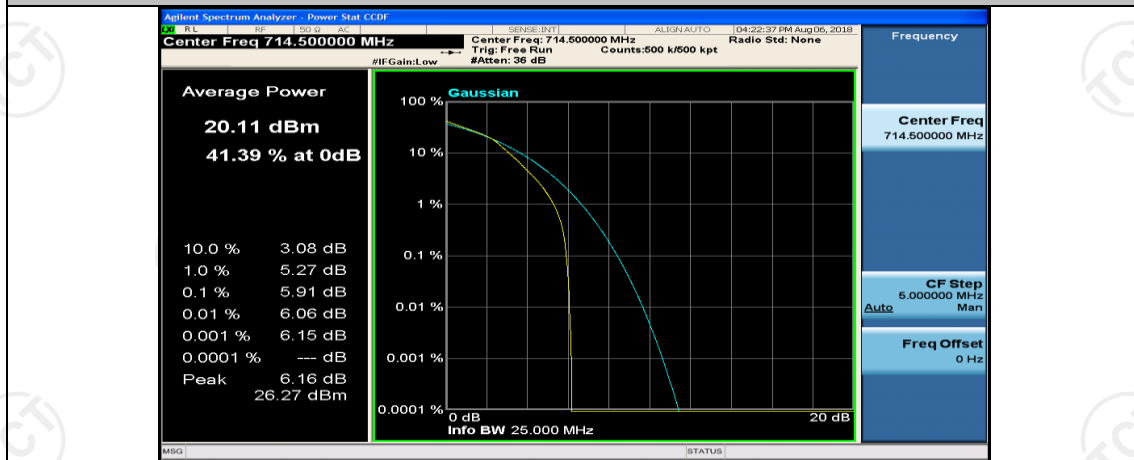
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



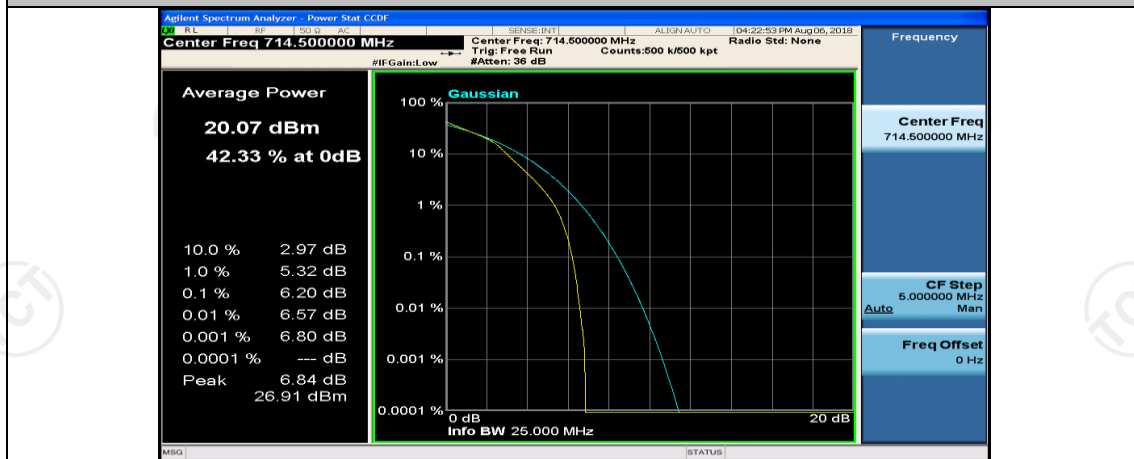
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7

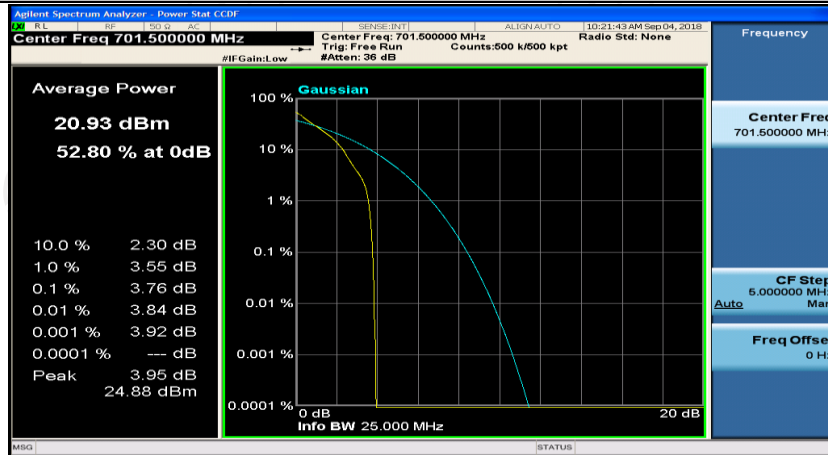


(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

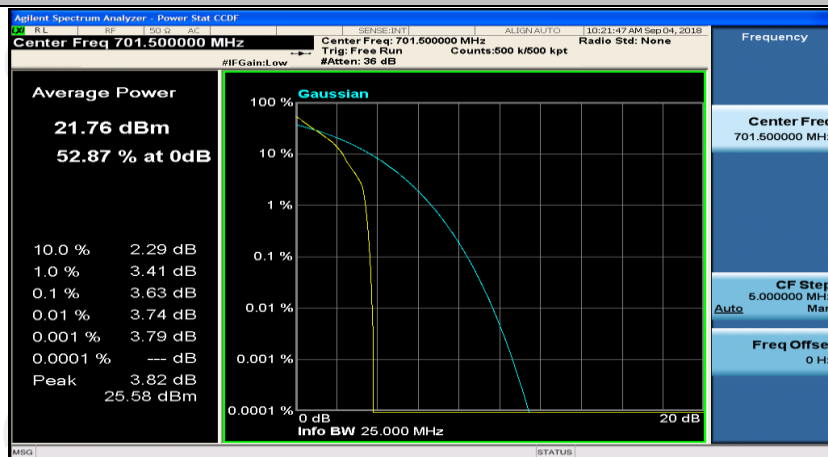


Channel Bandwidth: 5 MHz

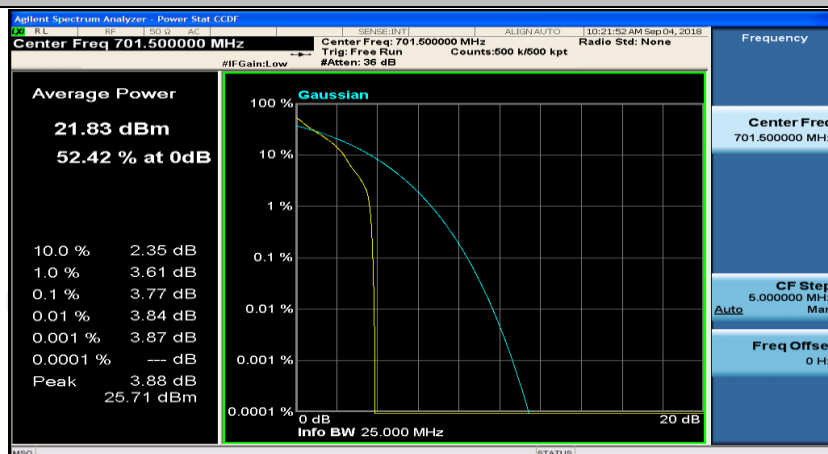
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0

