

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	22.60	22.50	PASS
		1	3	22.68	22.58	PASS
		1	5	22.57	22.47	PASS
		3	0	22.65	22.55	PASS
		3	2	22.65	22.55	PASS
		3	3	22.71	22.61	PASS
		6	0	21.65	21.55	PASS
	MCH	1	0	22.61	22.51	PASS
		1	3	22.77	22.67	PASS
		1	5	22.64	22.54	PASS
		3	0	22.72	22.62	PASS
		3	2	22.68	22.58	PASS
		3	3	22.73	22.63	PASS
		6	0	21.70	21.60	PASS
	HCH	1	0	22.55	22.45	PASS
		1	3	22.71	22.61	PASS
		1	5	22.56	22.46	PASS
		3	0	22.62	22.52	PASS
		3	2	22.63	22.53	PASS
		3	3	22.64	22.54	PASS
		6	0	21.63	21.53	PASS
16QAM	LCH	1	0	21.70	21.60	PASS
		1	3	21.81	21.71	PASS
		1	5	21.66	21.56	PASS
		3	0	21.58	21.48	PASS
		3	2	21.58	21.48	PASS
		3	3	21.58	21.48	PASS
		6	0	20.55	20.45	PASS
	MCH	1	0	21.45	21.35	PASS
		1	3	21.64	21.54	PASS
		1	5	21.50	21.40	PASS
		3	0	21.56	21.46	PASS
		3	2	21.54	21.44	PASS

		3	3	21.55	21.45	PASS
		6	0	20.68	20.58	PASS
	HCH	1	0	21.62	21.52	PASS
		1	3	21.77	21.67	PASS
		1	5	21.61	21.51	PASS
		3	0	21.55	21.45	PASS
		3	2	21.54	21.44	PASS
		3	3	21.52	21.42	PASS
		6	0	20.64	20.54	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	22.54	22.44	PASS
		1	7	22.51	22.41	PASS
		1	14	22.55	22.45	PASS
		8	0	21.61	21.51	PASS
		8	4	21.59	21.49	PASS
		8	7	21.59	21.49	PASS
		15	0	21.54	21.44	PASS
	MCH	1	0	22.59	22.49	PASS
		1	7	22.58	22.48	PASS
		1	14	22.62	22.52	PASS
		8	0	21.62	21.52	PASS
		8	4	21.64	21.54	PASS
		8	7	21.62	21.52	PASS
		15	0	21.61	21.51	PASS
	HCH	1	0	22.58	22.48	PASS
		1	7	22.55	22.45	PASS
		1	14	22.53	22.43	PASS
		8	0	21.59	21.49	PASS
		8	4	21.63	21.53	PASS
		8	7	21.58	21.48	PASS
		15	0	21.55	21.45	PASS
16QAM	LCH	1	0	21.73	21.63	PASS
		1	7	21.64	21.54	PASS
		1	14	21.70	21.60	PASS
		8	0	20.63	20.53	PASS
		8	4	20.62	20.52	PASS

		8	7	20.56	20.46	PASS
		15	0	20.56	20.46	PASS
	MCH	1	0	21.77	21.67	PASS
		1	7	21.76	21.66	PASS
		1	14	21.76	21.66	PASS
		8	0	20.61	20.51	PASS
		8	4	20.61	20.51	PASS
		8	7	20.65	20.55	PASS
		15	0	20.58	20.48	PASS
	HCH	1	0	21.43	21.33	PASS
		1	7	21.45	21.35	PASS
		1	14	21.43	21.33	PASS
		8	0	20.62	20.52	PASS
		8	4	20.60	20.50	PASS
		8	7	20.57	20.47	PASS
		15	0	20.51	20.41	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	22.55	22.45	PASS
		1	12	22.65	22.55	PASS
		1	24	22.55	22.45	PASS
		12	0	21.64	21.54	PASS
		12	6	21.64	21.54	PASS
		12	13	21.52	21.42	PASS
		25	0	21.59	21.49	PASS
	MCH	1	0	22.59	22.49	PASS
		1	12	22.69	22.59	PASS
		1	24	22.57	22.47	PASS
		12	0	21.64	21.54	PASS
		12	6	21.64	21.54	PASS
		12	13	21.63	21.53	PASS
		25	0	21.63	21.53	PASS
	HCH	1	0	22.60	22.50	PASS
		1	12	22.65	22.55	PASS
		1	24	22.54	22.44	PASS
		12	0	21.50	21.40	PASS
		12	6	21.49	21.39	PASS

16QAM		12	13	21.52	21.42	PASS
		25	0	21.56	21.46	PASS
	LCH	1	0	21.52	21.42	PASS
		1	12	21.58	21.48	PASS
		1	24	21.53	21.43	PASS
		12	0	20.65	20.55	PASS
		12	6	20.67	20.57	PASS
		12	13	20.51	20.41	PASS
		25	0	20.59	20.49	PASS
	MCH	1	0	21.72	21.62	PASS
		1	12	21.85	21.75	PASS
		1	24	21.77	21.67	PASS
		12	0	20.65	20.55	PASS
		12	6	20.68	20.58	PASS
		12	13	20.75	20.65	PASS
		25	0	20.62	20.52	PASS
	HCH	1	0	21.64	21.54	PASS
		1	12	21.66	21.56	PASS
		1	24	21.55	21.45	PASS
		12	0	20.57	20.47	PASS
		12	6	20.57	20.47	PASS
		12	13	20.58	20.48	PASS
		25	0	20.61	20.51	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	22.54	22.44	PASS
		1	24	22.70	22.60	PASS
		1	49	22.61	22.51	PASS
		25	0	21.83	21.73	PASS
		25	12	21.83	21.73	PASS
		25	25	21.70	21.60	PASS
		50	0	21.79	21.69	PASS
	MCH	1	0	22.60	22.50	PASS
		1	24	22.68	22.58	PASS
		1	49	22.62	22.52	PASS
		25	0	21.76	21.66	PASS
		25	12	21.76	21.66	PASS

		25	25	21.89	21.79	PASS
		50	0	21.81	21.71	PASS
	HCH	1	0	22.70	22.60	PASS
		1	24	22.73	22.63	PASS
		1	49	22.56	22.46	PASS
		25	0	21.58	21.48	PASS
		25	12	21.55	21.45	PASS
		25	25	21.79	21.69	PASS
		50	0	21.70	21.60	PASS
16QAM	LCH	1	0	21.75	21.65	PASS
		1	24	21.80	21.70	PASS
		1	49	21.77	21.67	PASS
		25	0	20.83	20.73	PASS
		25	12	20.83	20.73	PASS
		25	25	20.72	20.62	PASS
		50	0	20.76	20.66	PASS
	MCH	1	0	21.73	21.63	PASS
		1	24	21.88	21.78	PASS
		1	49	21.77	21.67	PASS
		25	0	20.75	20.65	PASS
		25	12	20.76	20.66	PASS
		25	25	20.93	20.83	PASS
		50	0	20.85	20.75	PASS
	HCH	1	0	21.58	21.48	PASS
		1	24	21.57	21.47	PASS
		1	49	21.48	21.38	PASS
		25	0	20.64	20.54	PASS
		25	12	20.63	20.53	PASS
		25	25	20.82	20.72	PASS
		50	0	20.71	20.61	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	3.93	<13	PASS
		1	3	3.73	<13	PASS
		1	5	3.7	<13	PASS
		3	0	3.86	<13	PASS
		3	2	3.86	<13	PASS
		3	3	3.73	<13	PASS
		6	0	4.54	<13	PASS
	MCH	1	0	3.89	<13	PASS
		1	3	3.9	<13	PASS
		1	5	4.03	<13	PASS
		3	0	3.96	<13	PASS
		3	2	3.93	<13	PASS
		3	3	4.09	<13	PASS
		6	0	4.79	<13	PASS
	HCH	1	0	3.86	<13	PASS
		1	3	3.58	<13	PASS
		1	5	3.56	<13	PASS
		3	0	3.76	<13	PASS
		3	2	3.8	<13	PASS
		3	3	3.7	<13	PASS
		6	0	4.44	<13	PASS
16QAM	LCH	1	0	4.75	<13	PASS
		1	3	4.67	<13	PASS
		1	5	4.67	<13	PASS
		3	0	4.71	<13	PASS
		3	2	4.65	<13	PASS
		3	3	4.57	<13	PASS
		6	0	5.45	<13	PASS
	MCH	1	0	4.74	<13	PASS
		1	3	4.63	<13	PASS
		1	5	4.86	<13	PASS

		3	0	4.76	<13	PASS
		3	2	4.76	<13	PASS
		3	3	4.9	<13	PASS
		6	0	5.62	<13	PASS
	HCH	1	0	4.74	<13	PASS
		1	3	4.53	<13	PASS
		1	5	4.55	<13	PASS
		3	0	4.66	<13	PASS
		3	2	4.66	<13	PASS
		3	3	4.57	<13	PASS
		6	0	5.37	<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	3.86	<13	PASS
		1	7	3.54	<13	PASS
		1	14	3.43	<13	PASS
		8	0	4.56	<13	PASS
		8	4	4.57	<13	PASS
		8	7	4.4	<13	PASS
		15	0	4.5	<13	PASS
	MCH	1	0	3.79	<13	PASS
		1	7	3.95	<13	PASS
		1	14	4.12	<13	PASS
		8	0	4.74	<13	PASS
		8	4	4.75	<13	PASS
		8	7	4.87	<13	PASS
		15	0	4.88	<13	PASS
	HCH	1	0	4.16	<13	PASS
		1	7	3.87	<13	PASS
		1	14	3.62	<13	PASS
		8	0	4.89	<13	PASS
		8	4	4.89	<13	PASS
		8	7	4.63	<13	PASS
		15	0	4.77	<13	PASS
16QAM	LCH	1	0	4.62	<13	PASS
		1	7	4.51	<13	PASS
		1	14	4.27	<13	PASS

		8	0	5.5	<13	PASS
		8	4	5.43	<13	PASS
		8	7	5.28	<13	PASS
		15	0	5.45	<13	PASS
	MCH	1	0	4.57	<13	PASS
		1	7	4.74	<13	PASS
		1	14	4.98	<13	PASS
		8	0	5.66	<13	PASS
		8	4	5.62	<13	PASS
		8	7	5.81	<13	PASS
		15	0	5.74	<13	PASS
	HCH	1	0	5.19	<13	PASS
		1	7	4.86	<13	PASS
		1	14	4.53	<13	PASS
		8	0	5.74	<13	PASS
		8	4	5.75	<13	PASS
		8	7	5.51	<13	PASS
		15	0	5.7	<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	4.08	<13	PASS
		1	12	3.56	<13	PASS
		1	24	3.61	<13	PASS
		12	0	4.48	<13	PASS
		12	6	4.48	<13	PASS
		12	13	4.36	<13	PASS
		25	0	4.47	<13	PASS
	MCH	1	0	3.84	<13	PASS
		1	12	4.05	<13	PASS
		1	24	4.45	<13	PASS
		12	0	4.74	<13	PASS
		12	6	4.74	<13	PASS
		12	13	5.08	<13	PASS
		25	0	4.94	<13	PASS
	HCH	1	0	4.36	<13	PASS
		1	12	4.05	<13	PASS
		1	24	3.73	<13	PASS

16QAM		12	0	5.17	<13	PASS
		12	6	5.21	<13	PASS
		12	13	4.77	<13	PASS
		25	0	5.04	<13	PASS
	LCH	1	0	4.79	<13	PASS
		1	12	4.36	<13	PASS
		1	24	4.43	<13	PASS
		12	0	5.37	<13	PASS
		12	6	5.37	<13	PASS
		12	13	5.3	<13	PASS
		25	0	5.33	<13	PASS
	MCH	1	0	4.53	<13	PASS
		1	12	4.71	<13	PASS
		1	24	5.07	<13	PASS
		12	0	5.58	<13	PASS
		12	6	5.58	<13	PASS
		12	13	5.92	<13	PASS
		25	0	5.78	<13	PASS
	HCH	1	0	5.09	<13	PASS
		1	12	4.74	<13	PASS
		1	24	4.43	<13	PASS
		12	0	6.04	<13	PASS
		12	6	6.06	<13	PASS
		12	13	5.64	<13	PASS
		25	0	5.9	<13	PASS

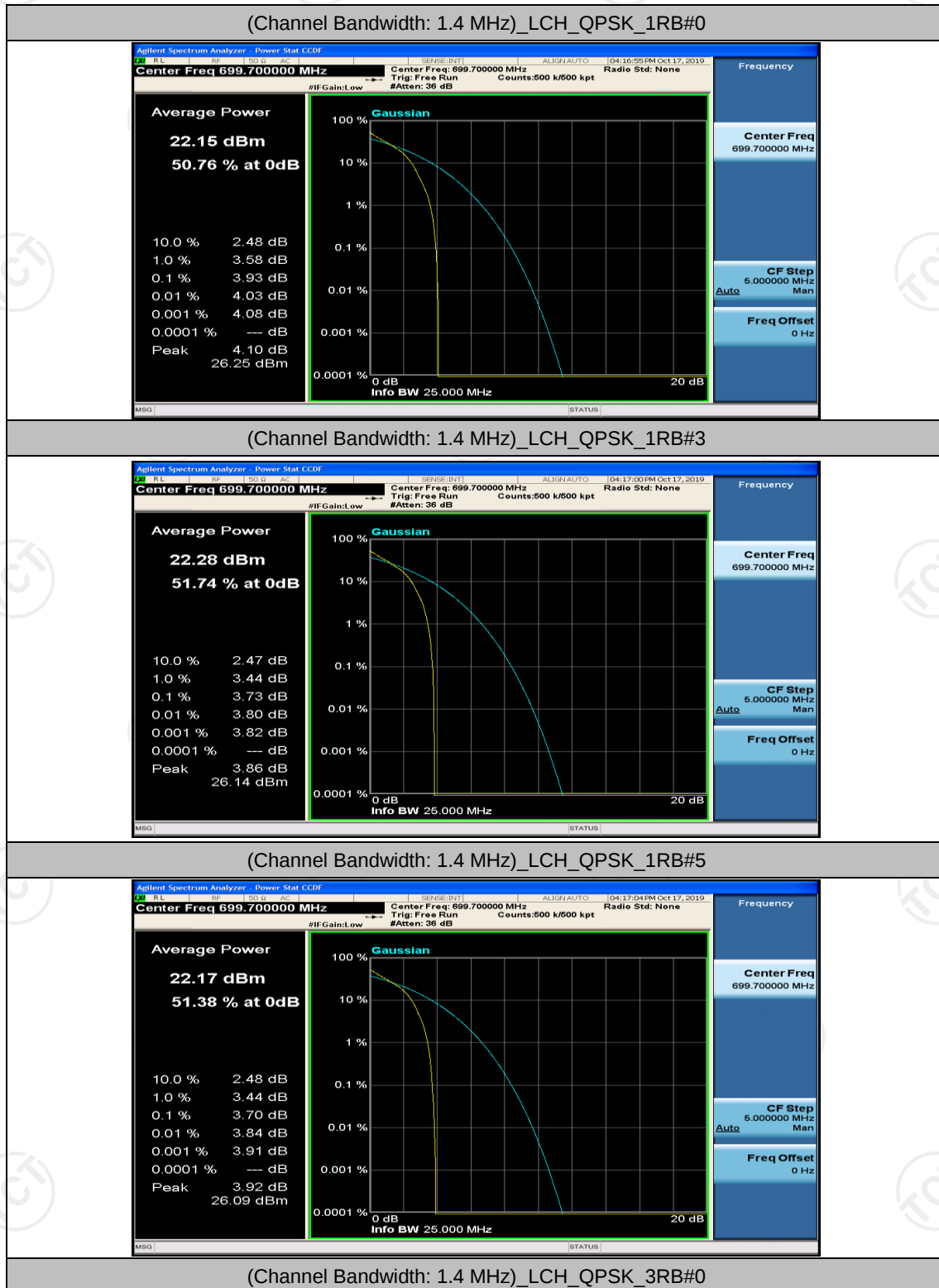
Channel Bandwidth: 10 MHz

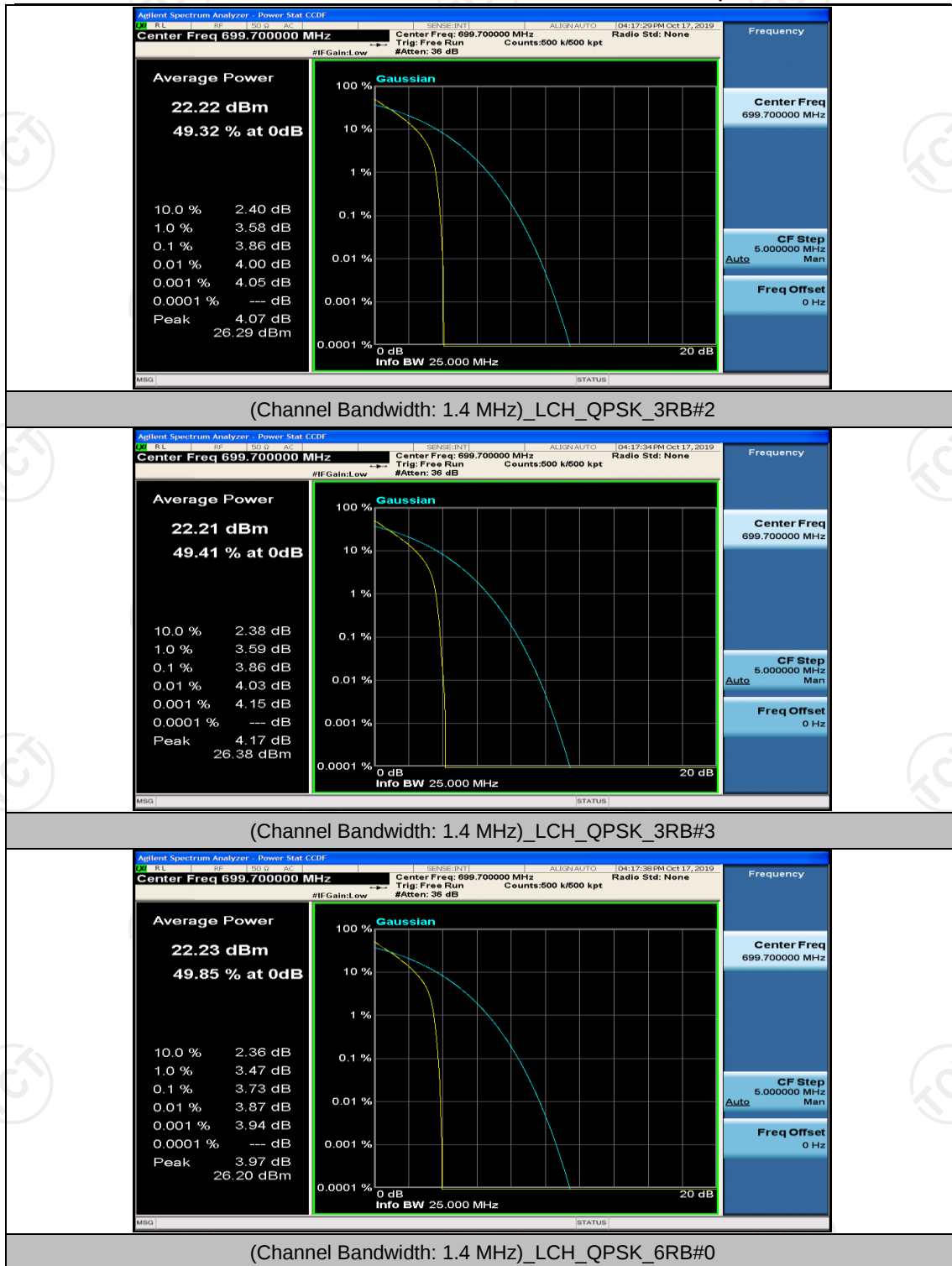
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.91	<13	PASS
		1	24	3.42	<13	PASS
		1	49	4.13	<13	PASS
		25	0	4.29	<13	PASS
		25	12	4.26	<13	PASS
		25	25	4.76	<13	PASS
		50	0	4.72	<13	PASS
	MCH	1	0	3.41	<13	PASS
		1	24	3.8	<13	PASS
		1	49	4.24	<13	PASS

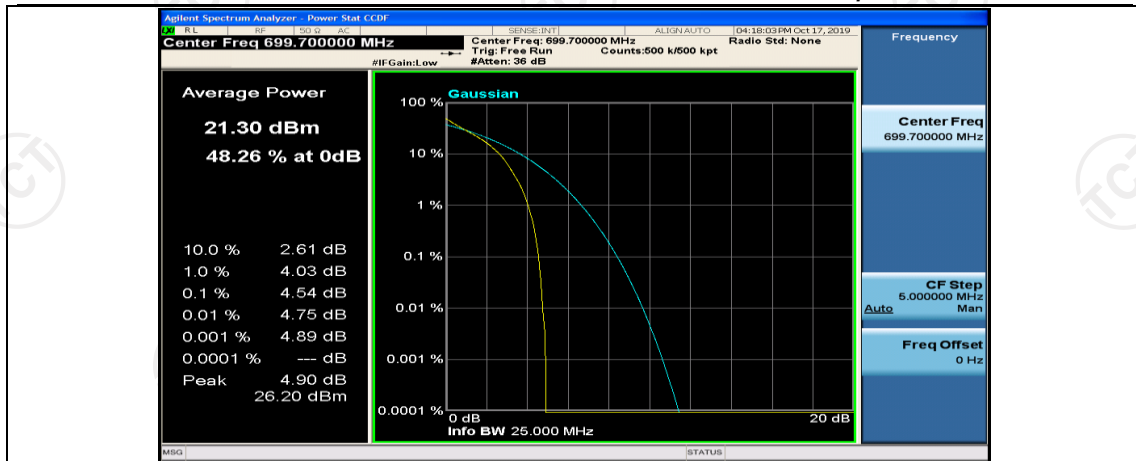
		25	0	4.54	<13	PASS
		25	12	4.53	<13	PASS
		25	25	5.06	<13	PASS
		50	0	4.98	<13	PASS
	HCH	1	0	3.86	<13	PASS
		1	24	4.31	<13	PASS
		1	49	3.73	<13	PASS
		25	0	5.08	<13	PASS
		25	12	5.11	<13	PASS
		25	25	4.91	<13	PASS
		50	0	5.19	<13	PASS
16QAM	LCH	1	0	4.77	<13	PASS
		1	24	4.31	<13	PASS
		1	49	5.02	<13	PASS
		25	0	5.19	<13	PASS
		25	12	5.21	<13	PASS
		25	25	5.66	<13	PASS
		50	0	5.59	<13	PASS
	MCH	1	0	4.34	<13	PASS
		1	24	4.58	<13	PASS
		1	49	5.01	<13	PASS
		25	0	5.45	<13	PASS
		25	12	5.48	<13	PASS
		25	25	5.93	<13	PASS
		50	0	5.87	<13	PASS
	HCH	1	0	4.8	<13	PASS
		1	24	5.16	<13	PASS
		1	49	4.66	<13	PASS
		25	0	5.99	<13	PASS
		25	12	5.98	<13	PASS
		25	25	5.84	<13	PASS
		50	0	6.06	<13	PASS

Test Graphs

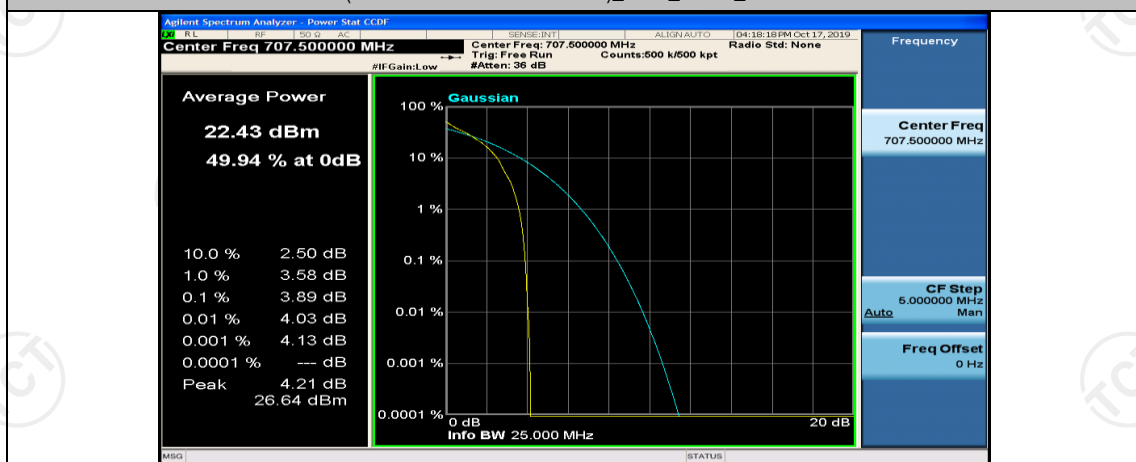
Channel Bandwidth: 1.4 MHz



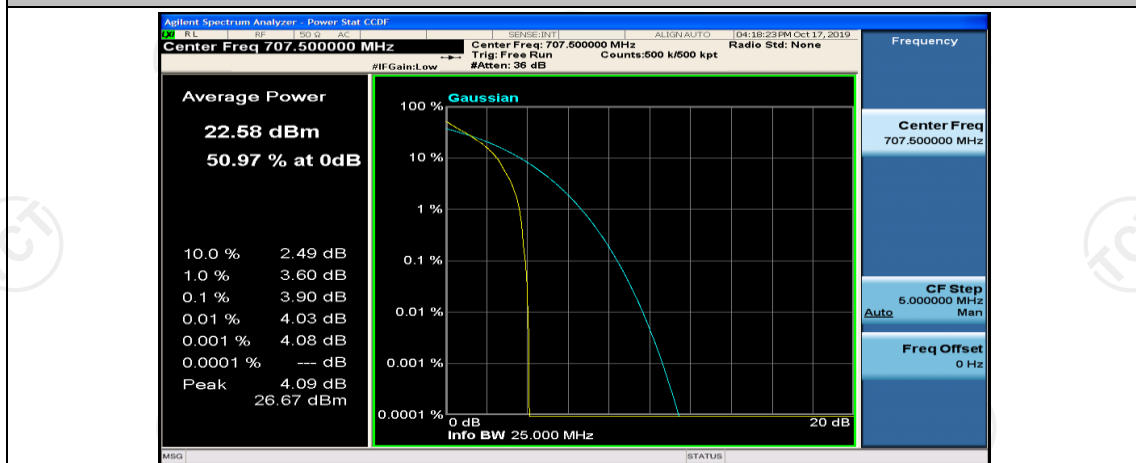




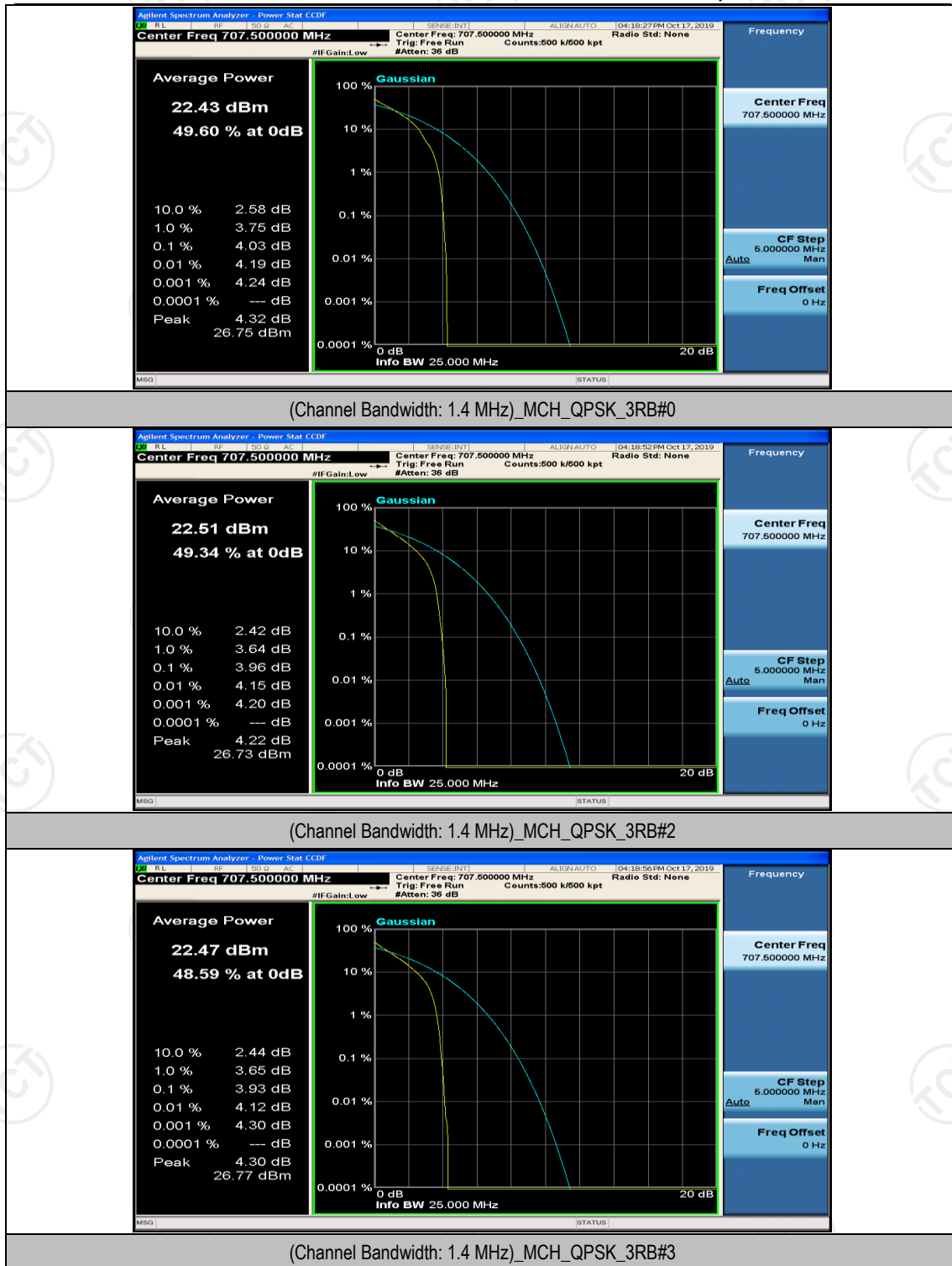
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

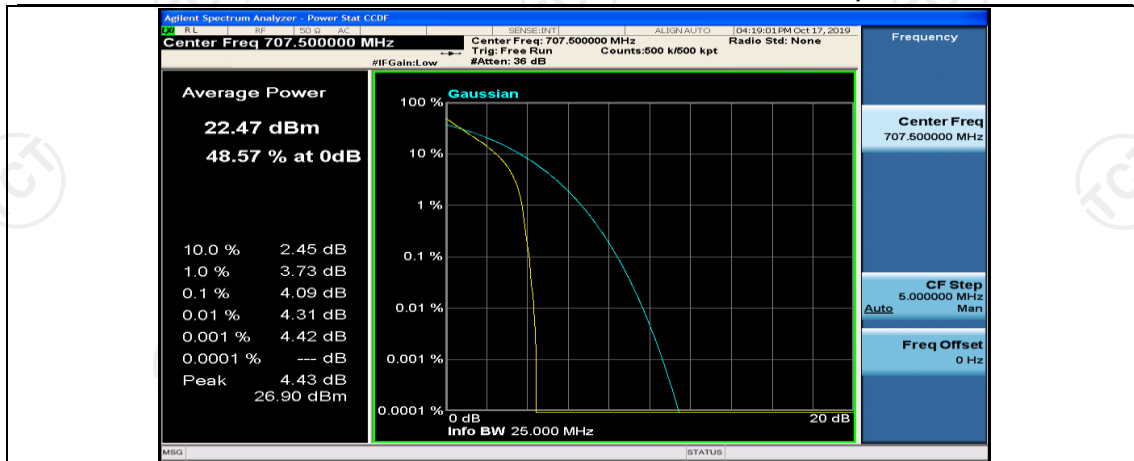


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

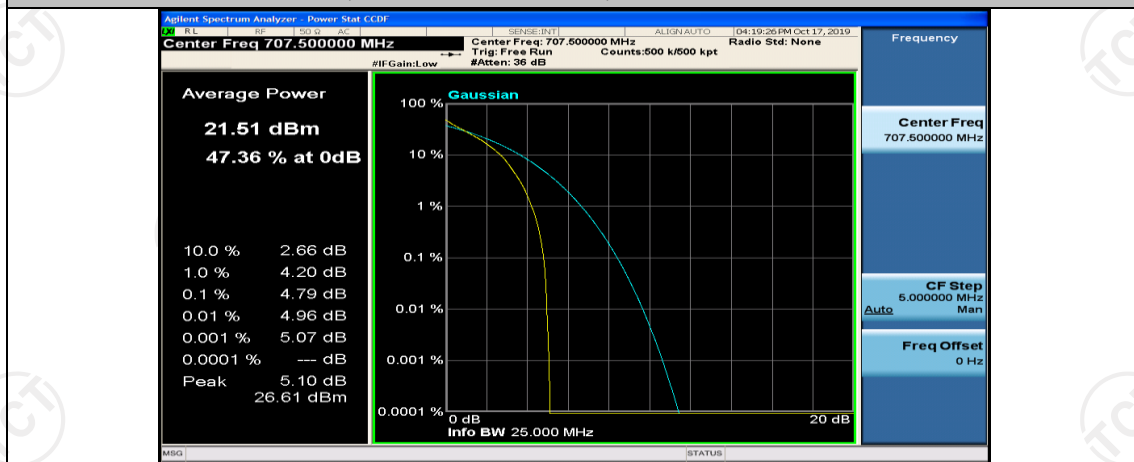


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

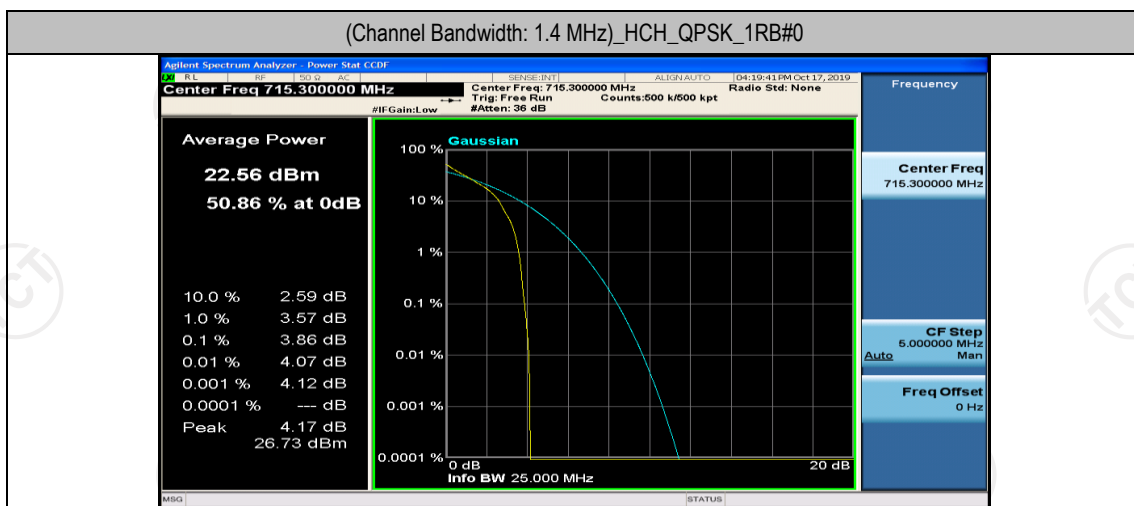




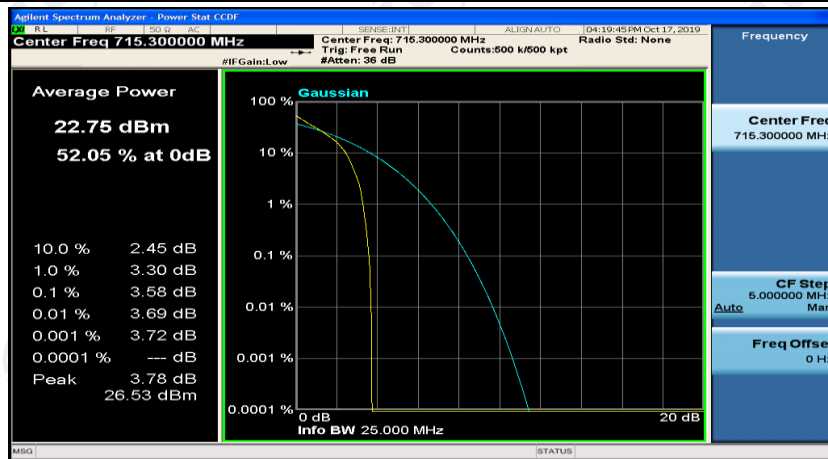
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



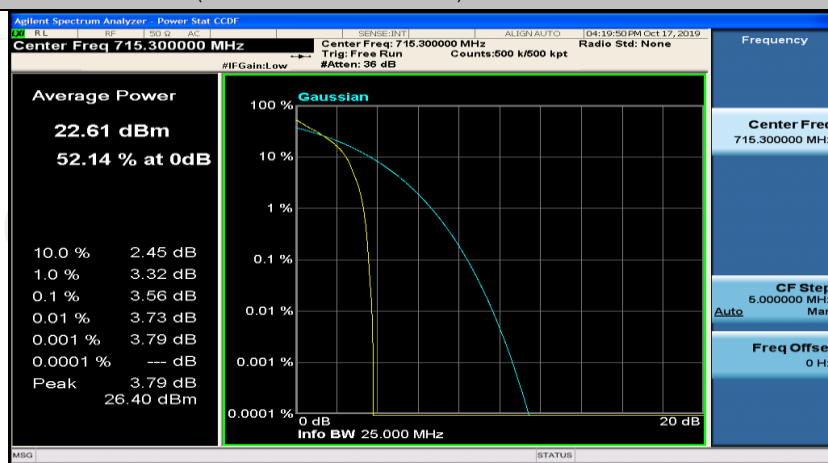
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



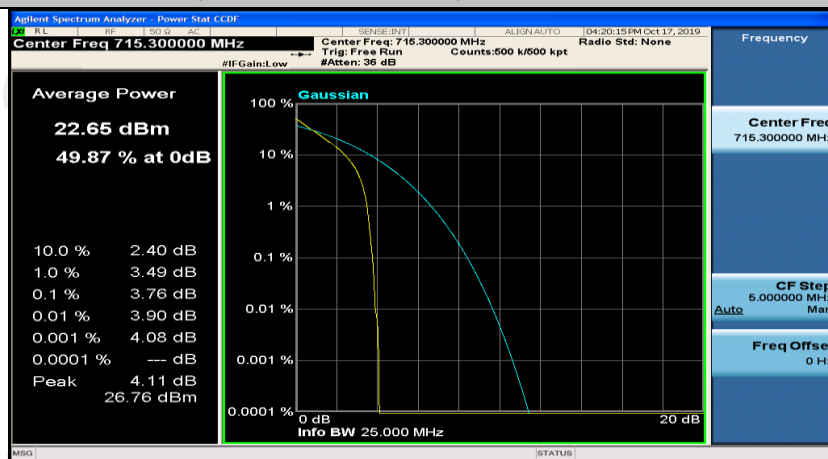
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



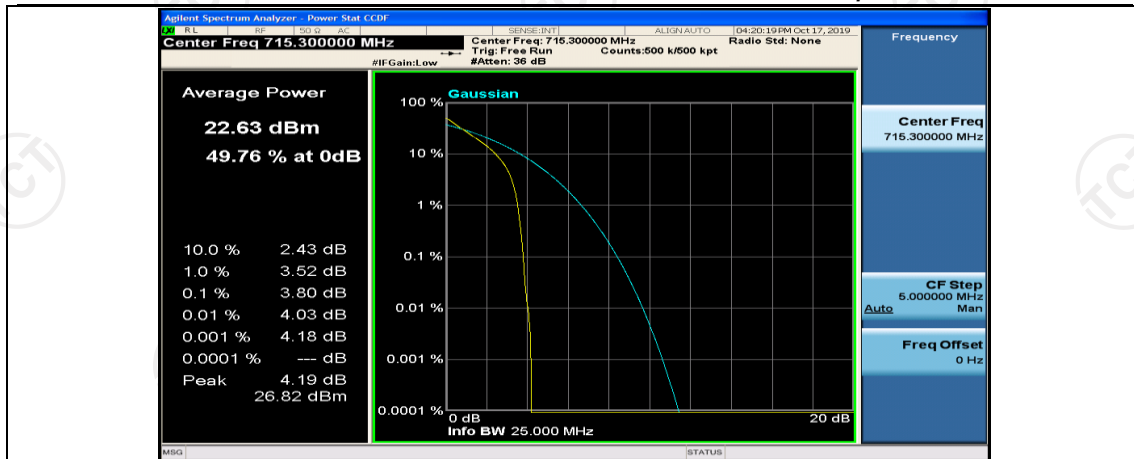
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



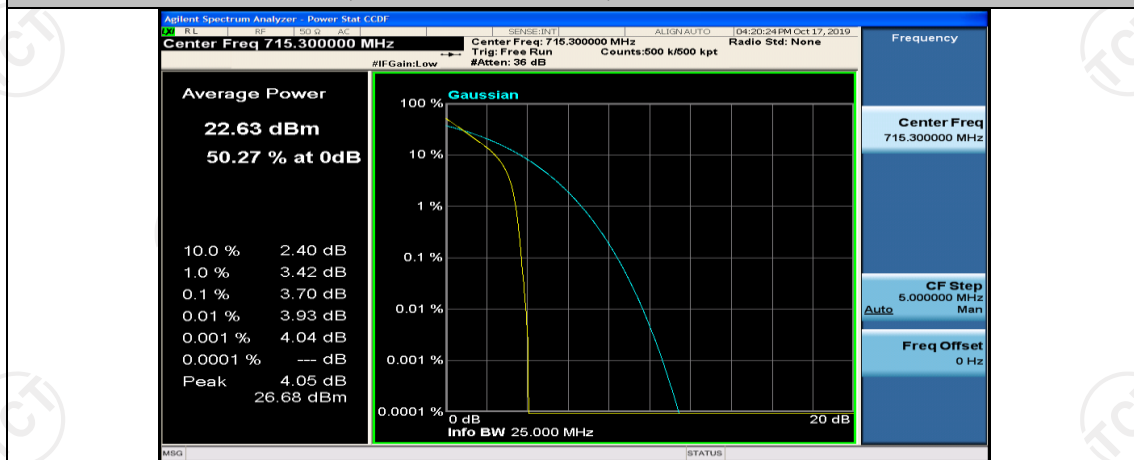
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



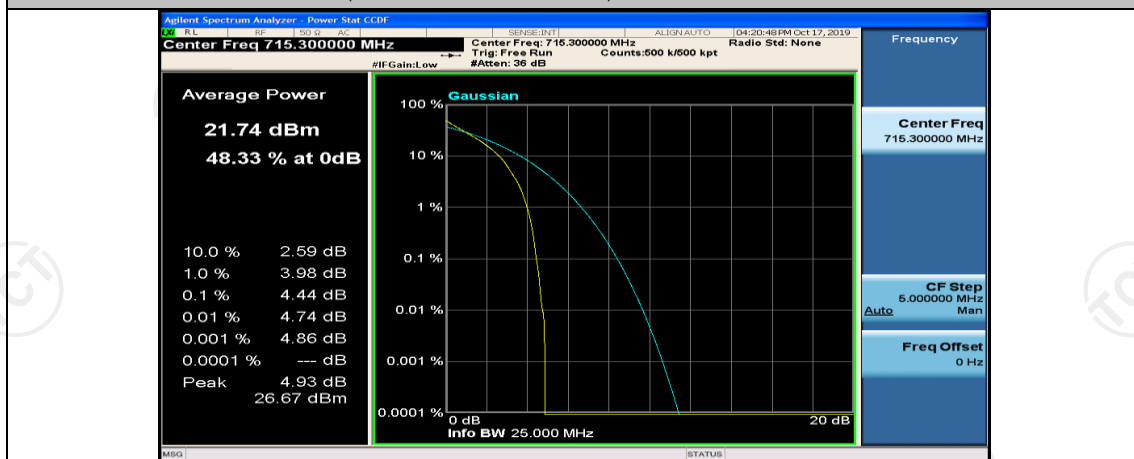
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



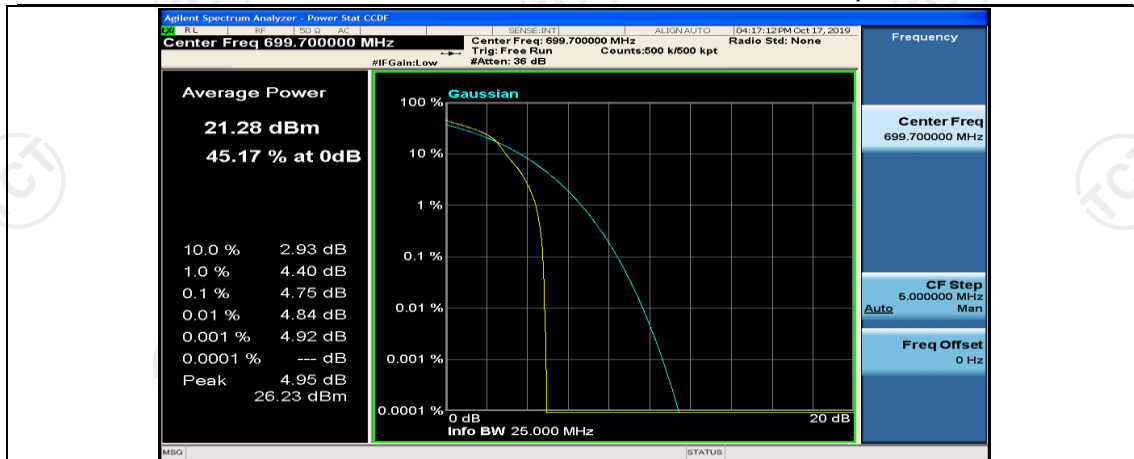
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



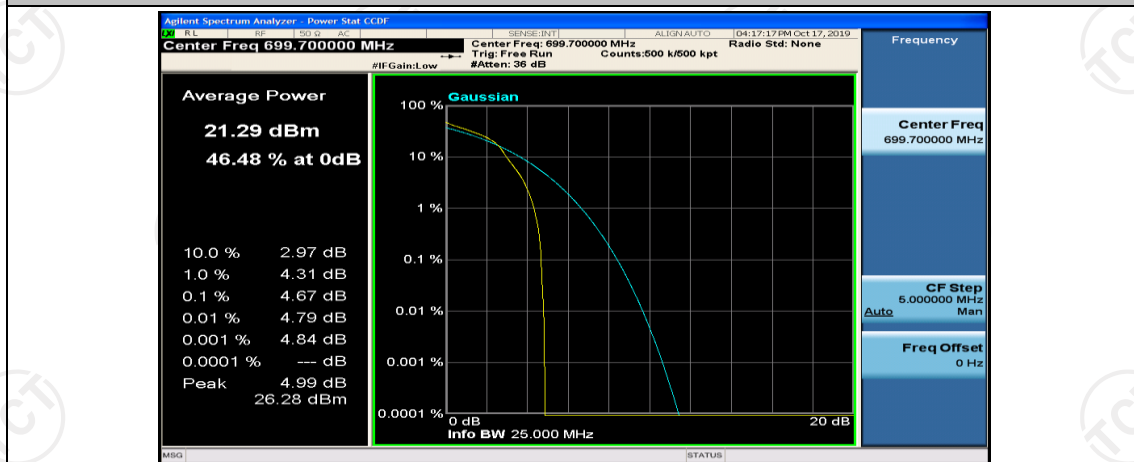
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



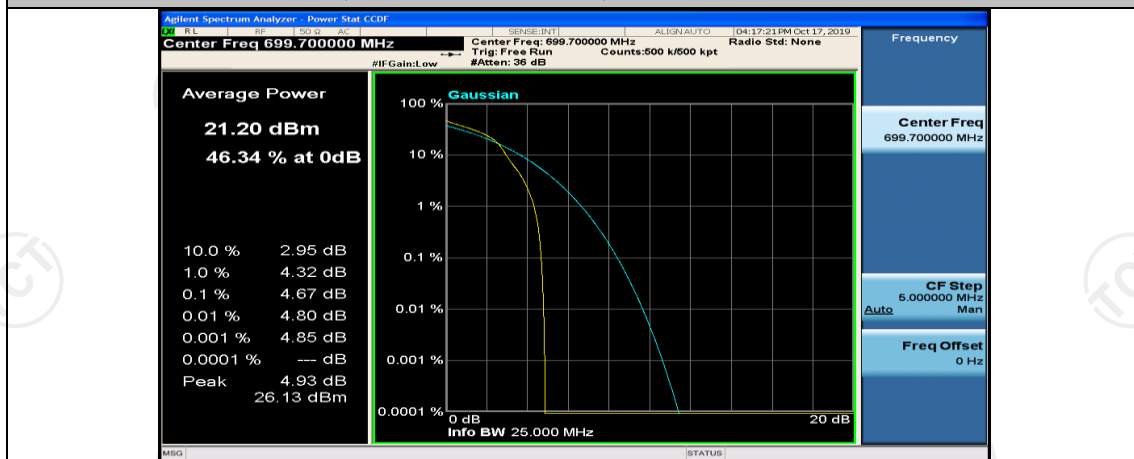
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



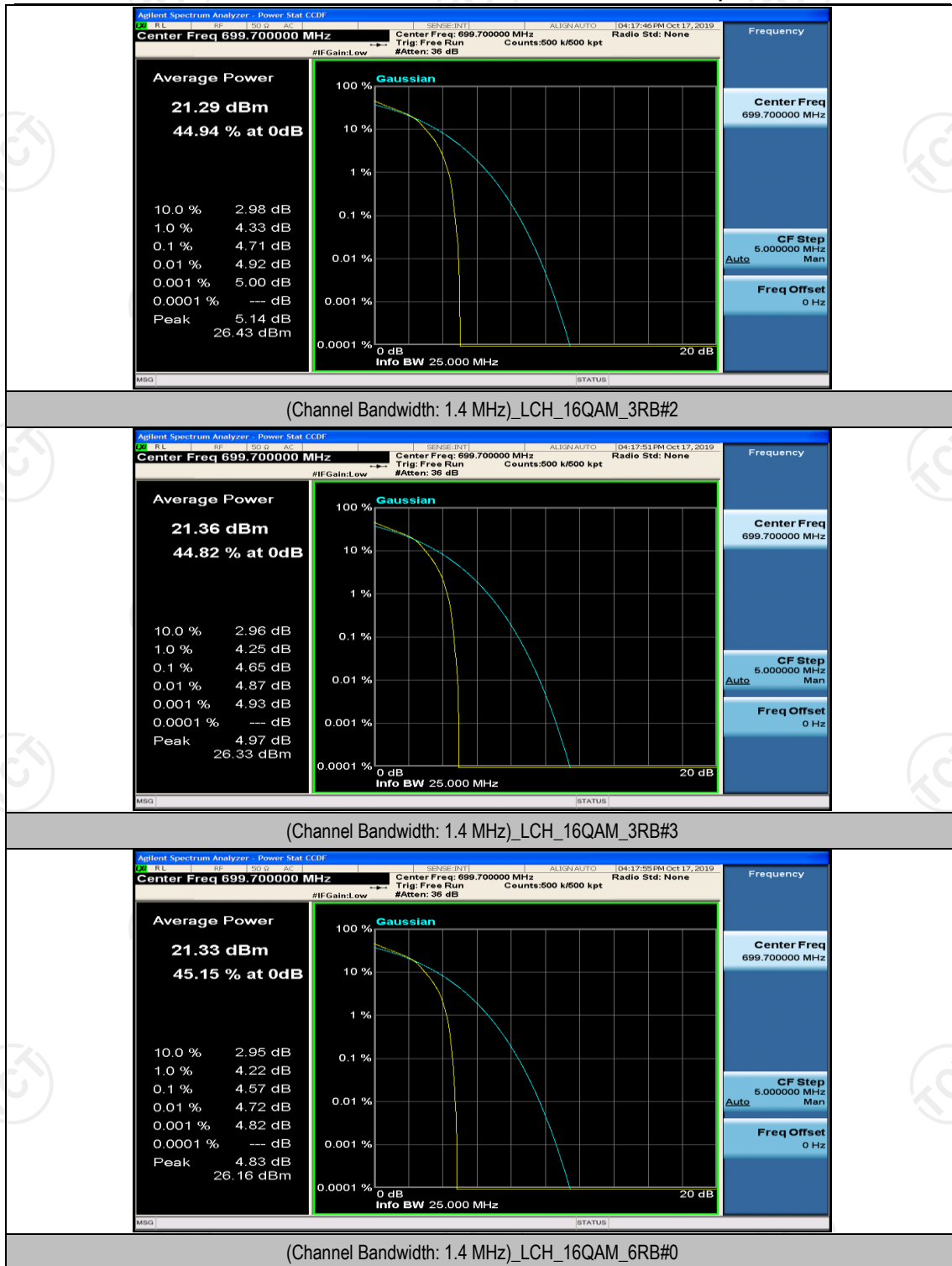
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5

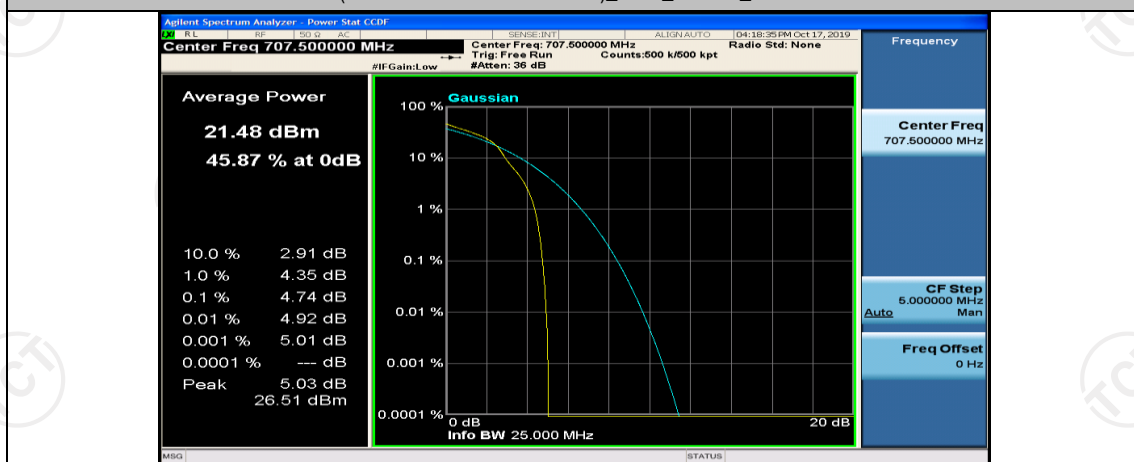


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0

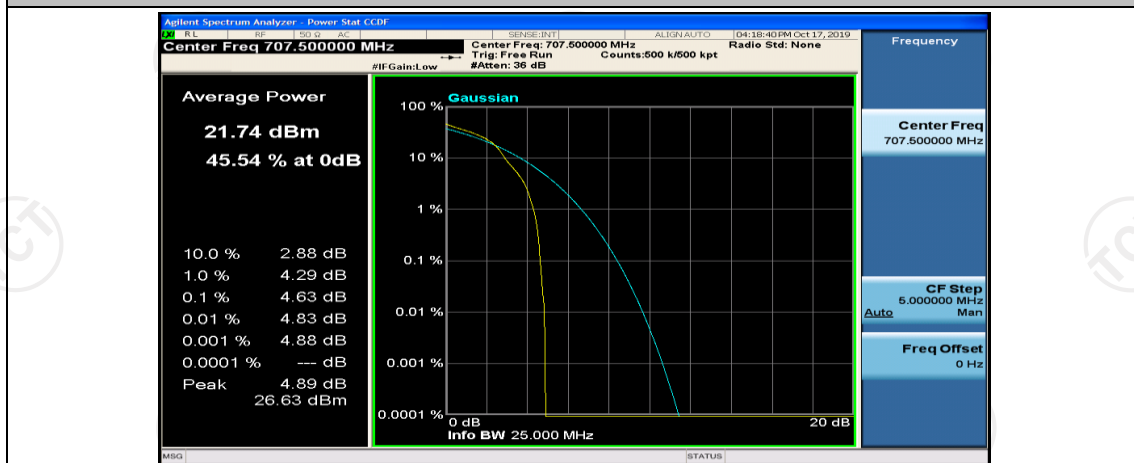




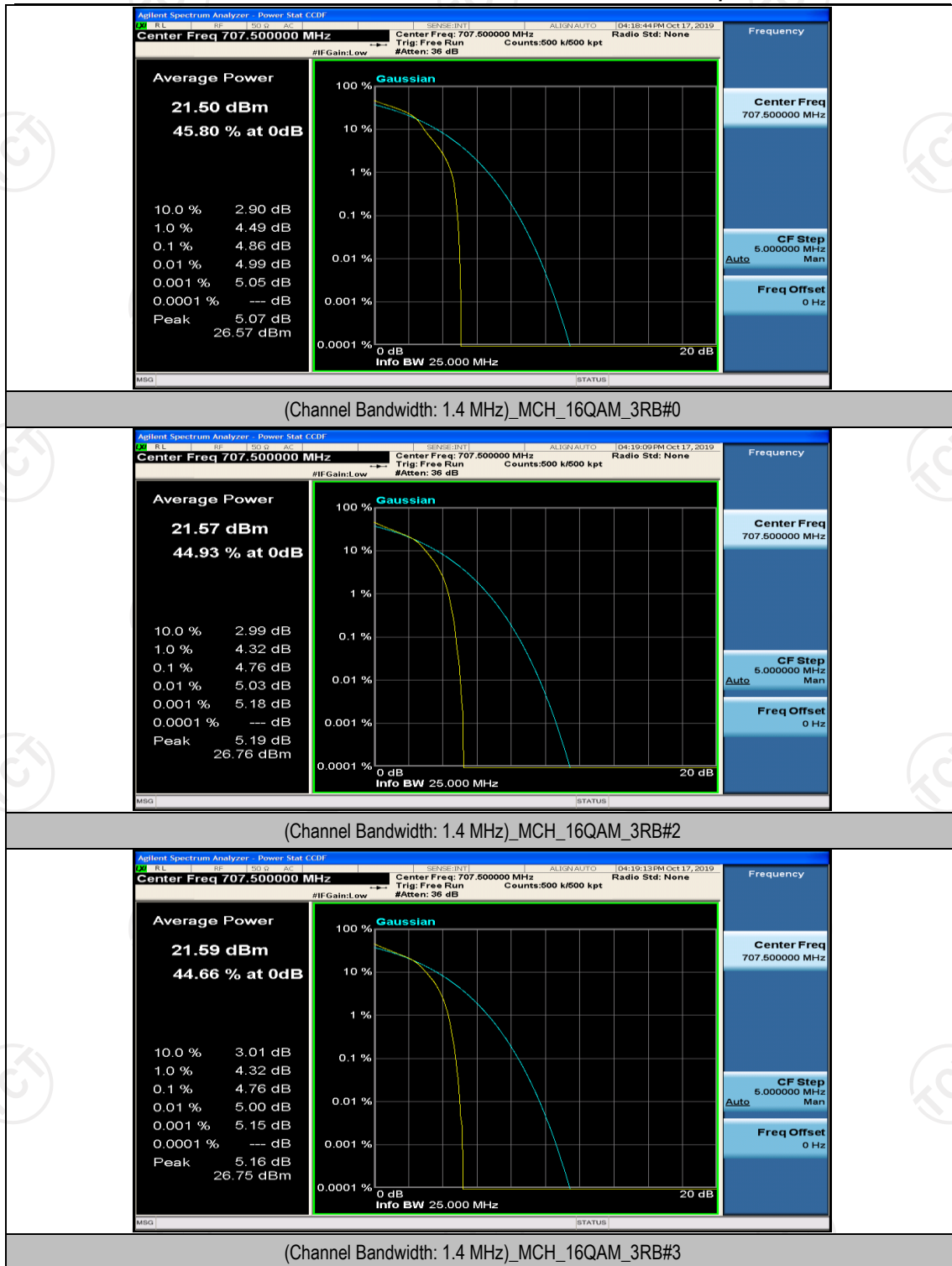
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

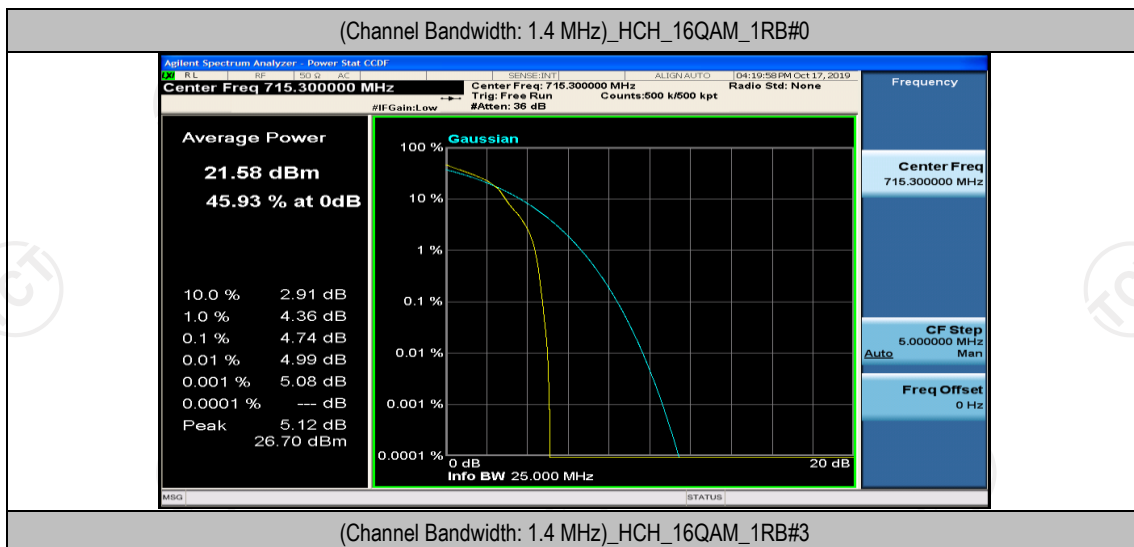
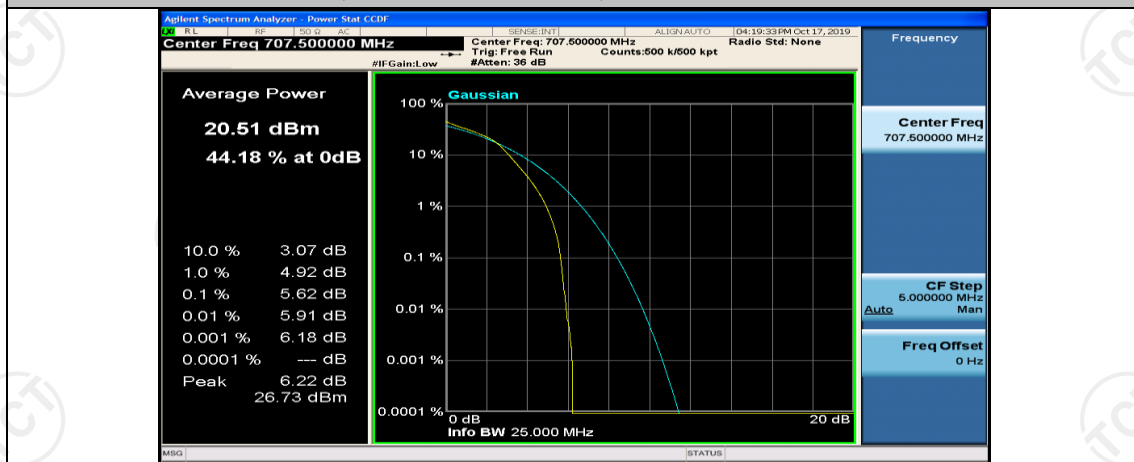
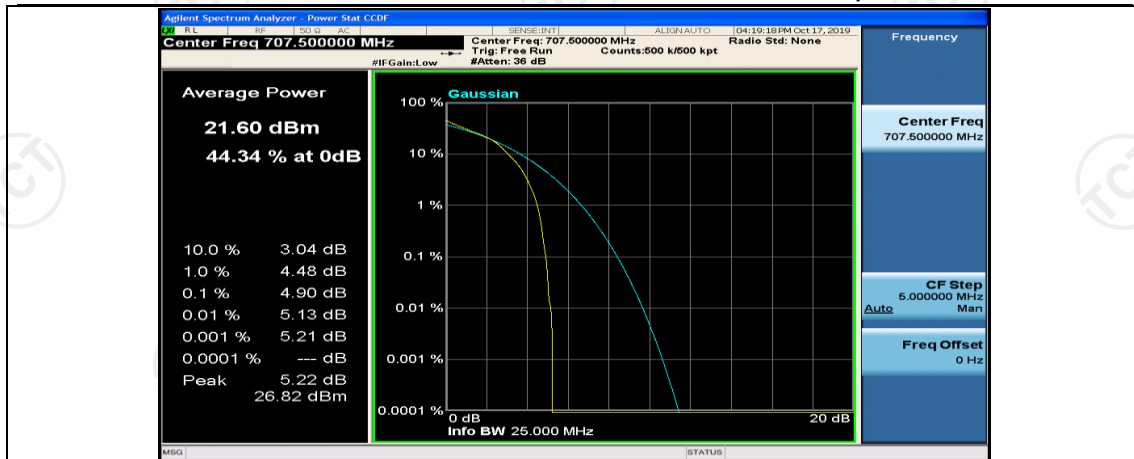


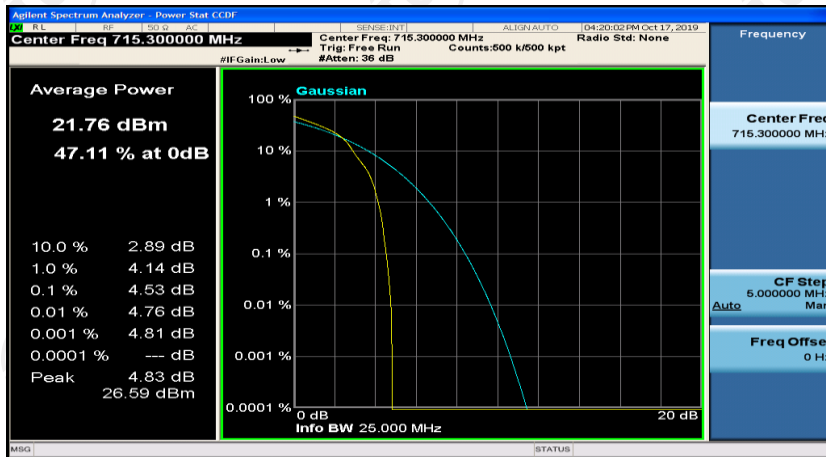
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



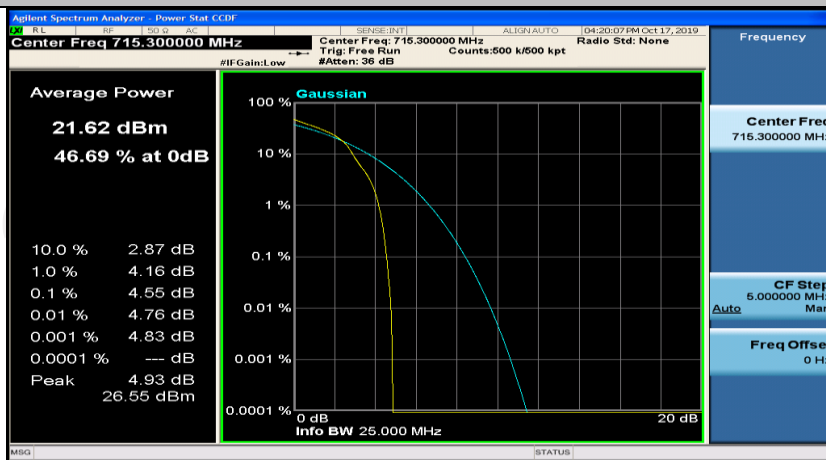
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



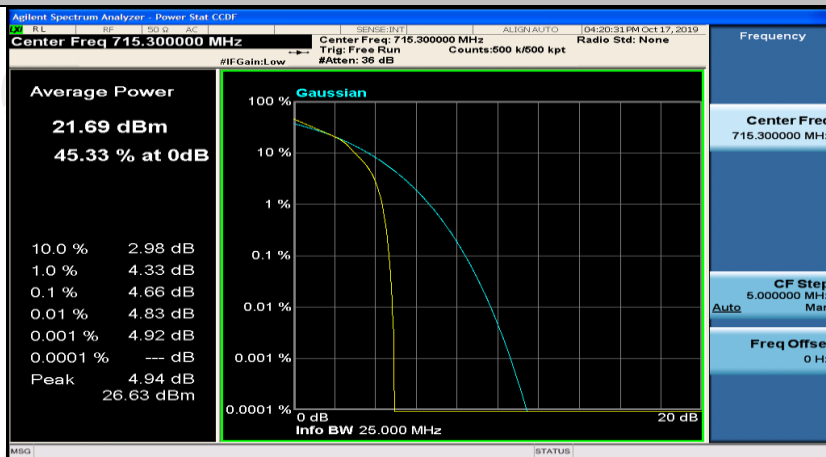




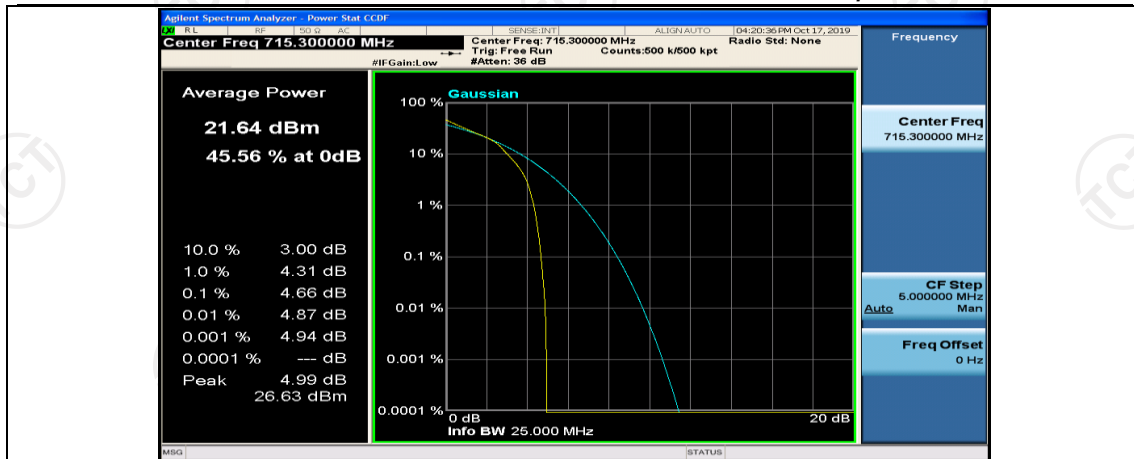
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



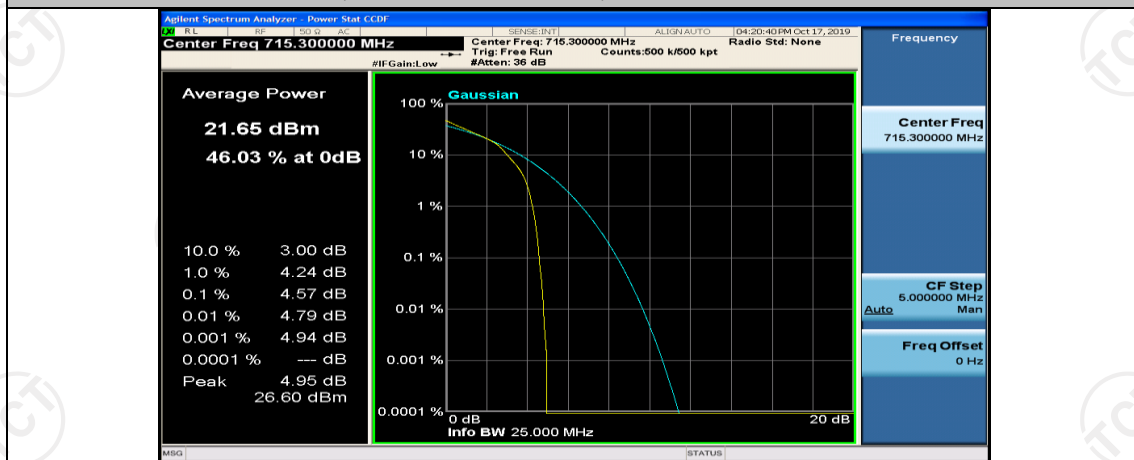
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



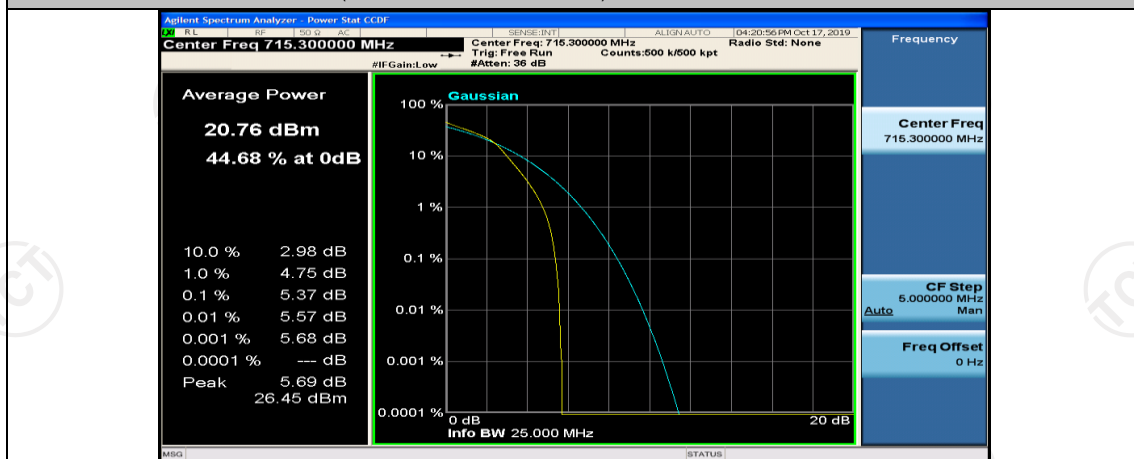
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

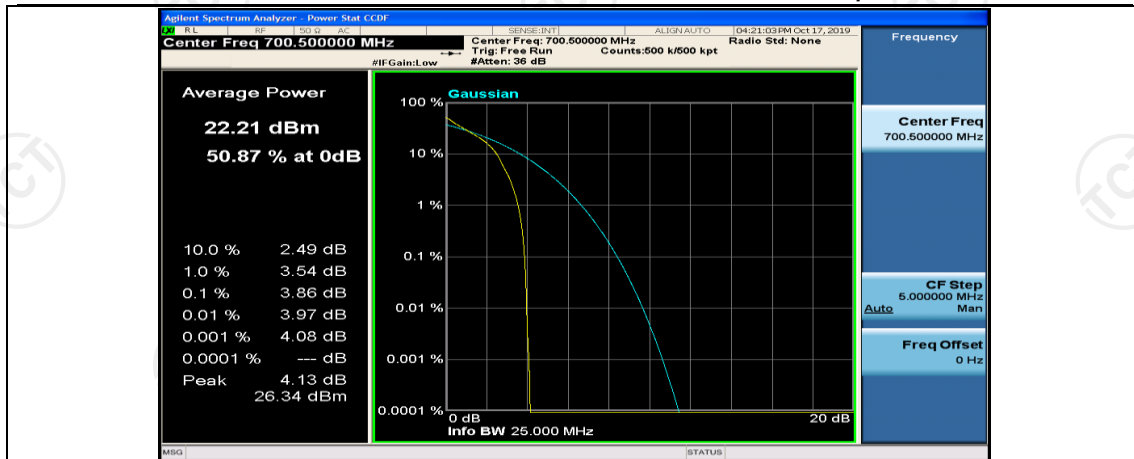


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

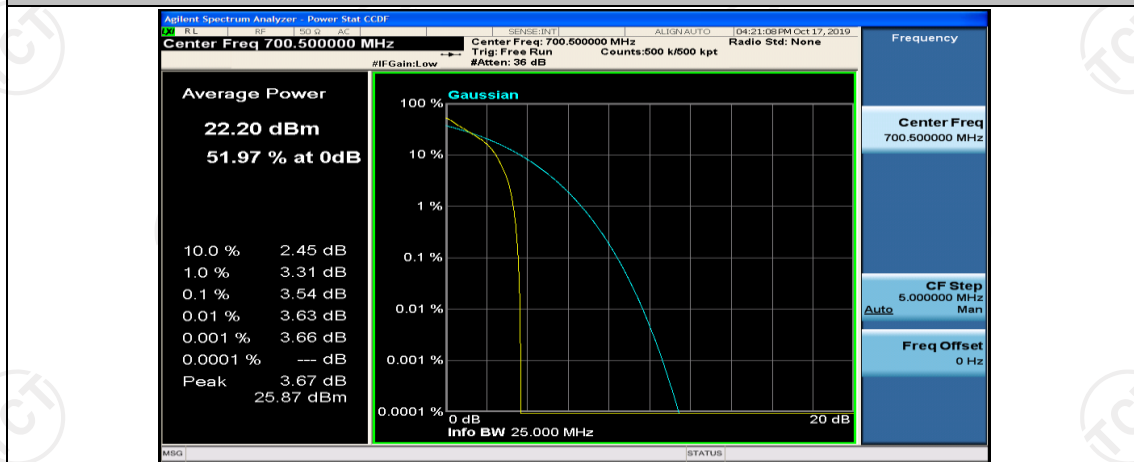


Channel Bandwidth: 3 MHz

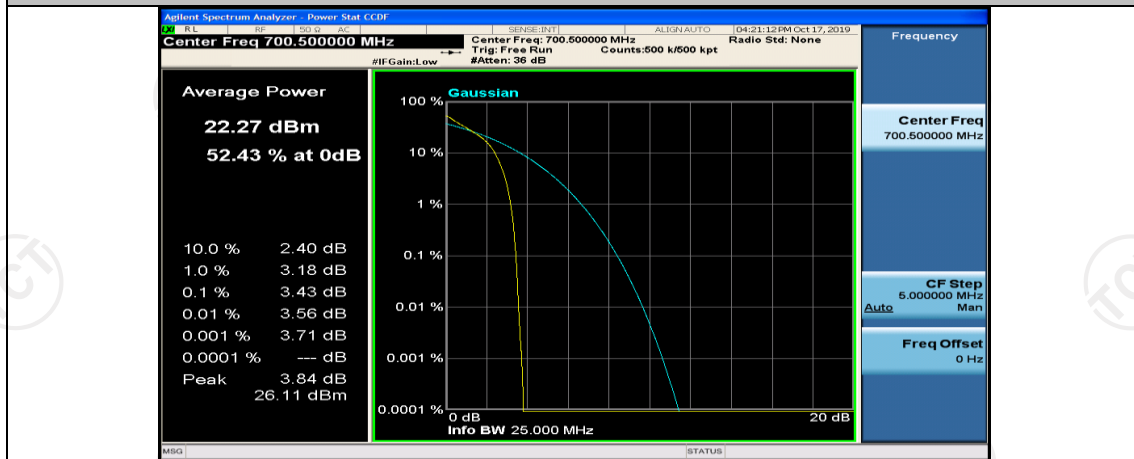
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



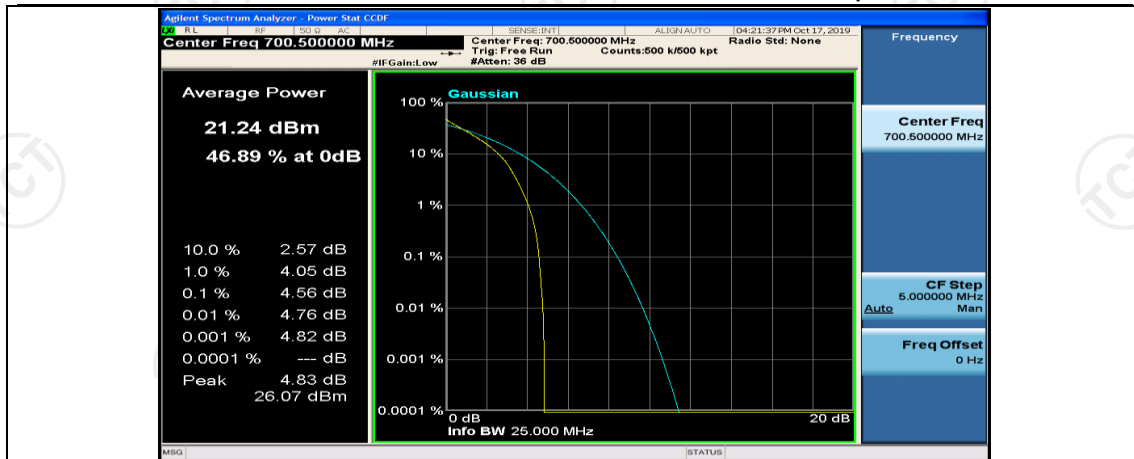
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



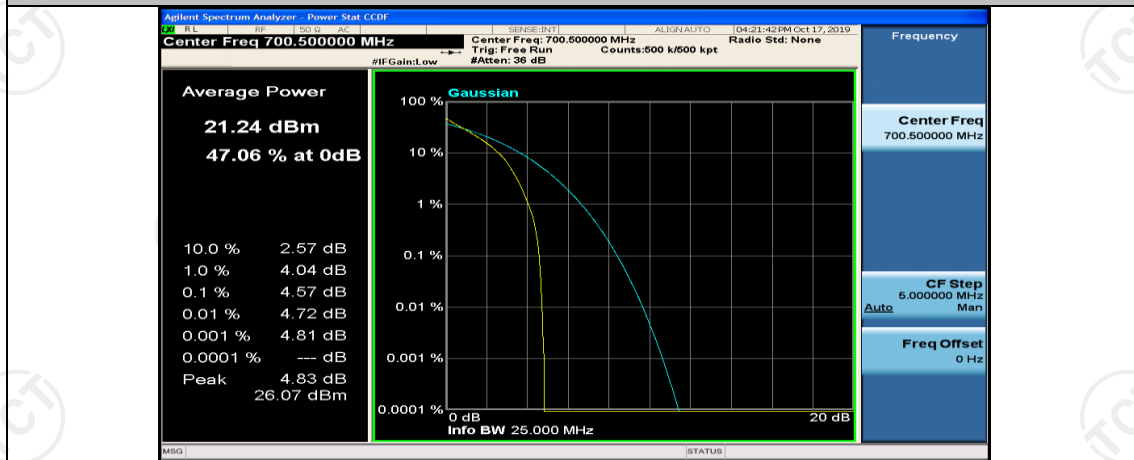
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



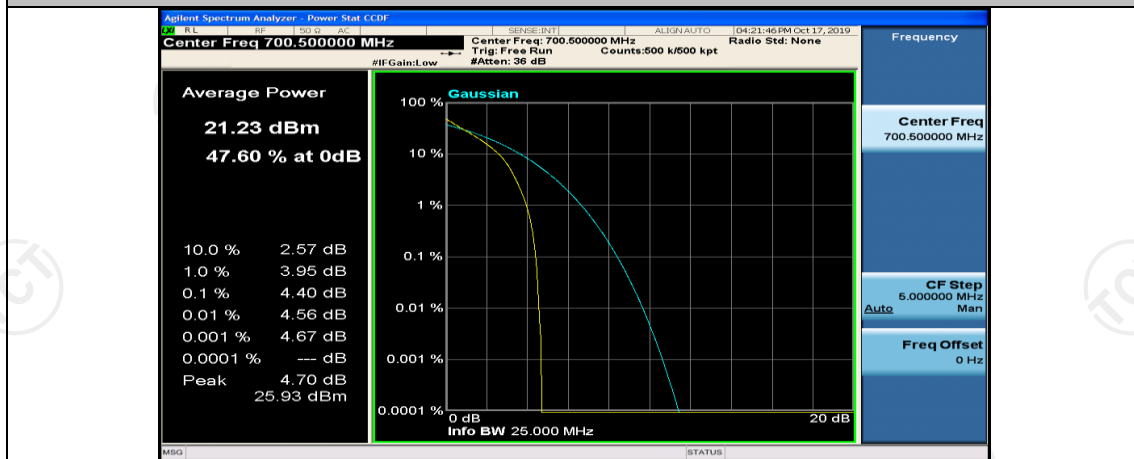
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0



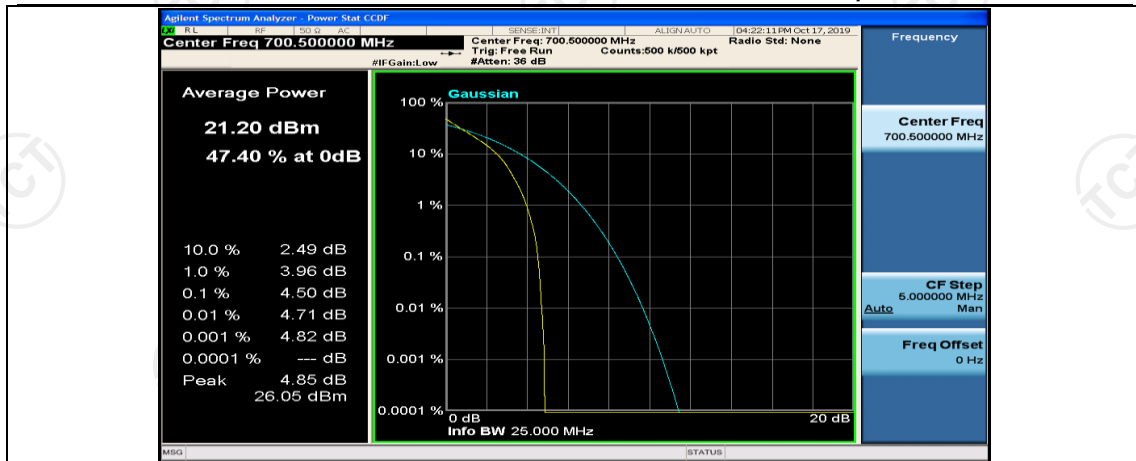
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4



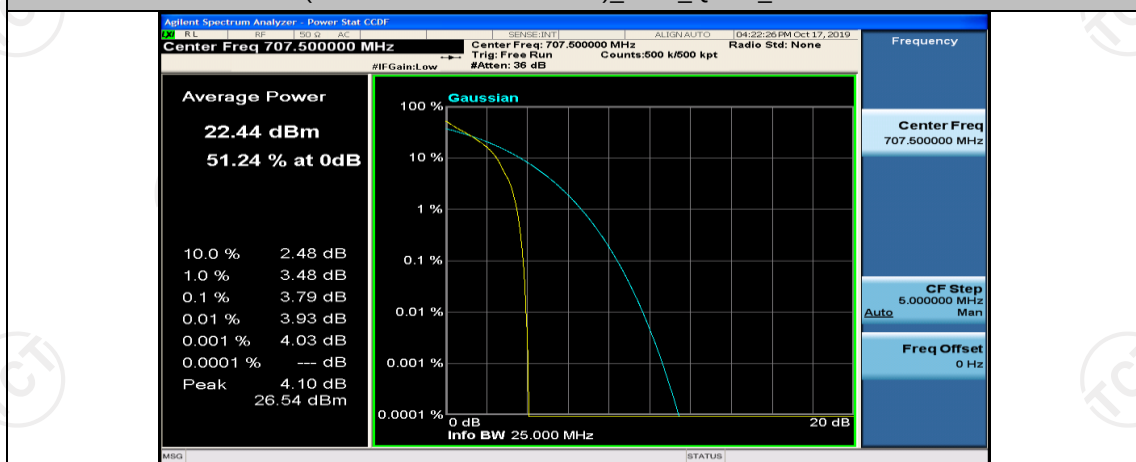
(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



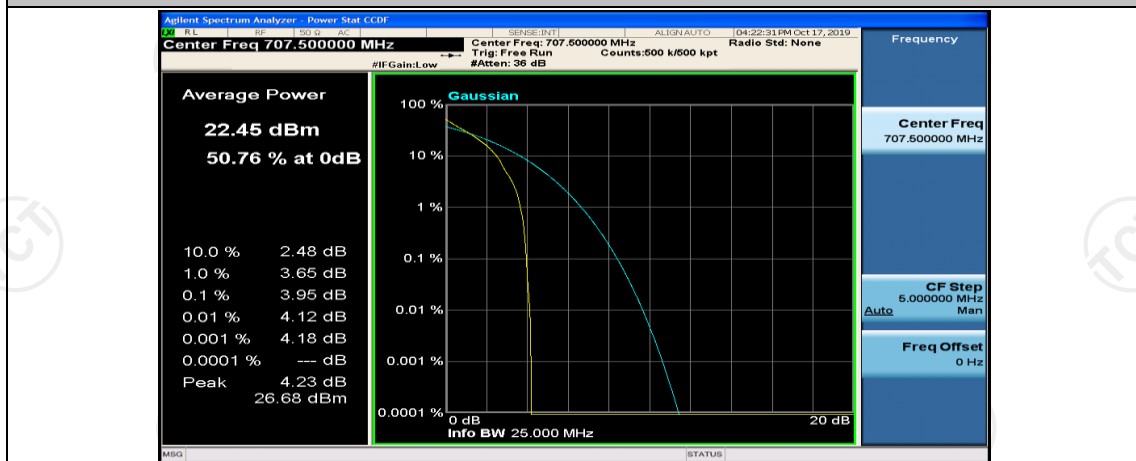
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



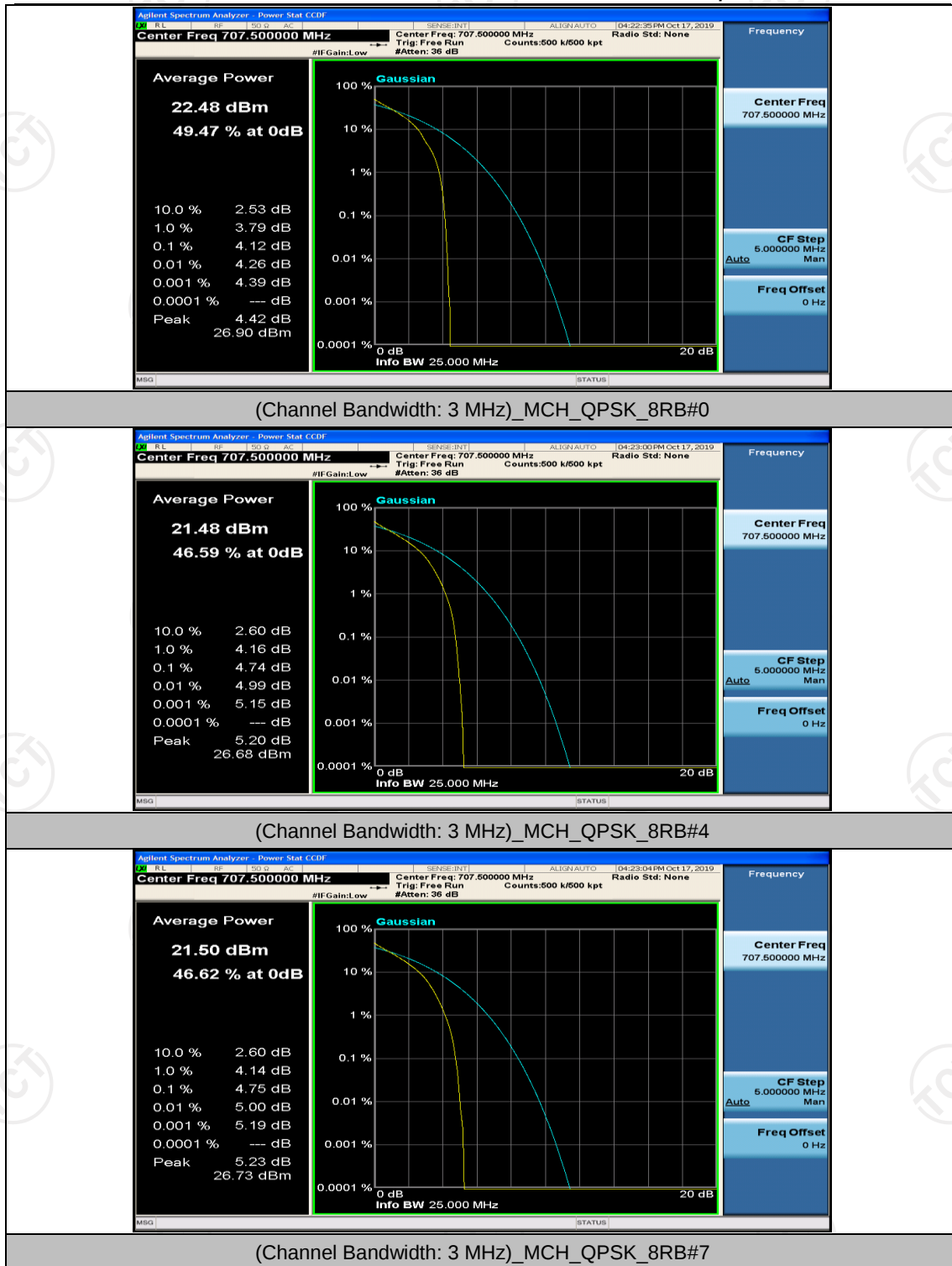
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

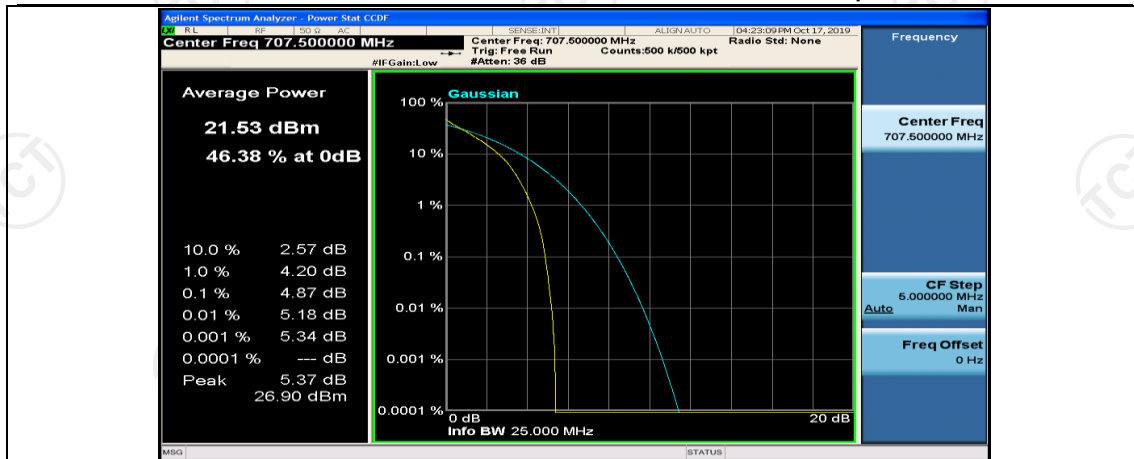


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

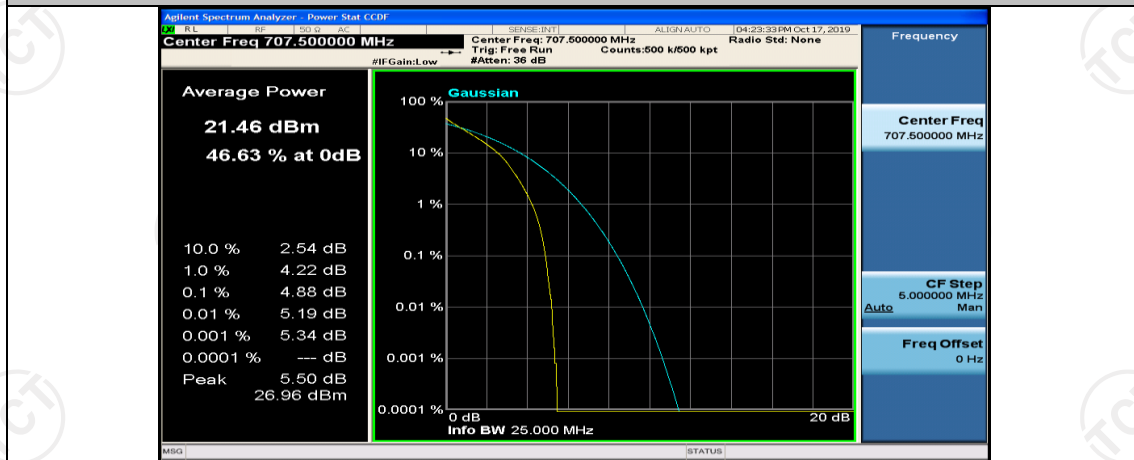


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

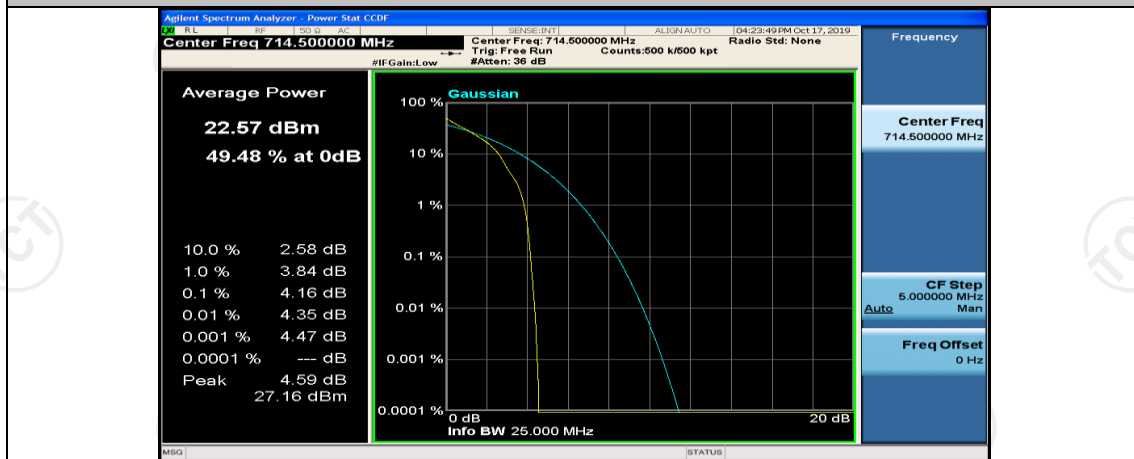




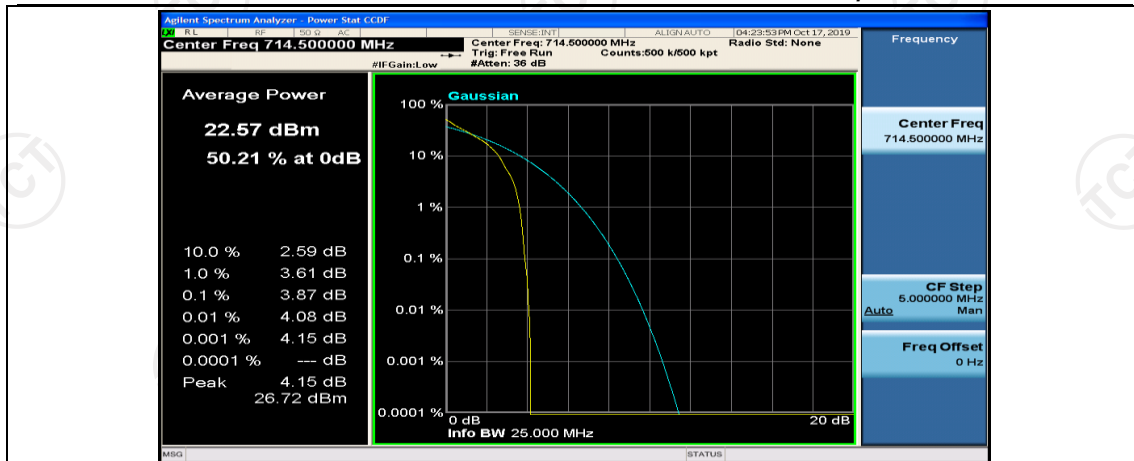
(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



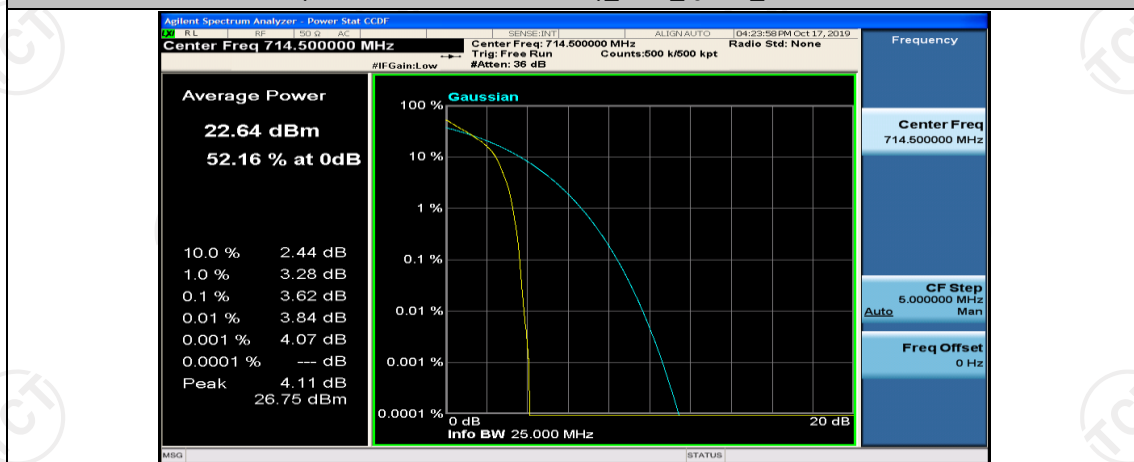
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



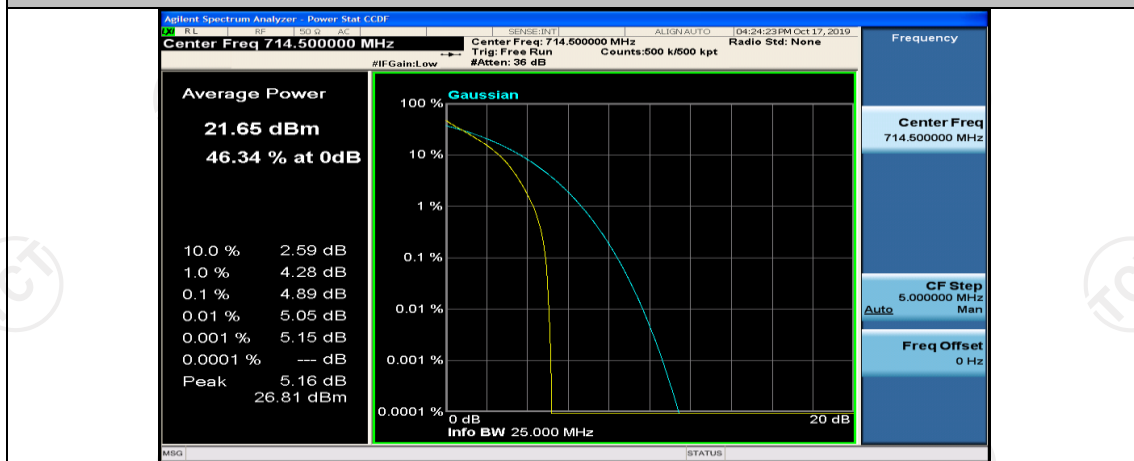
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



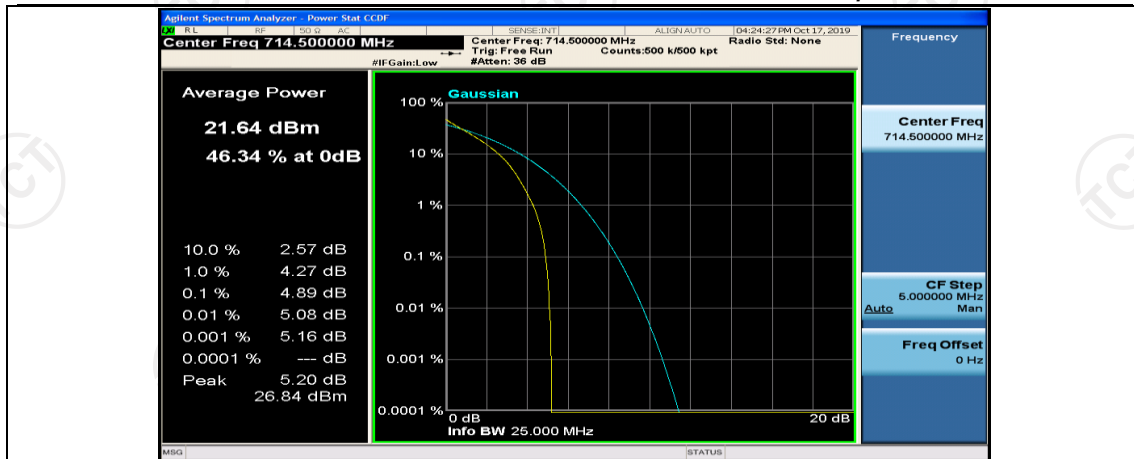
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



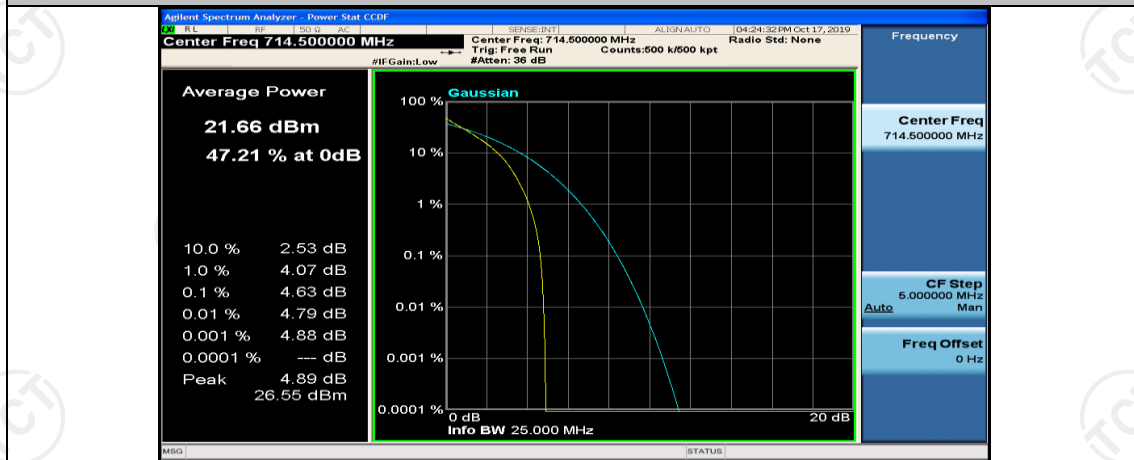
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



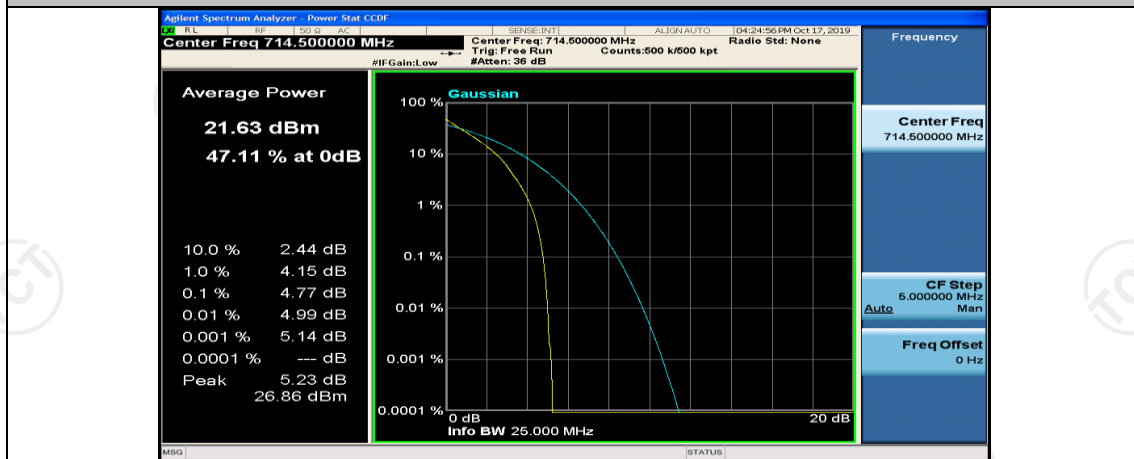
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4



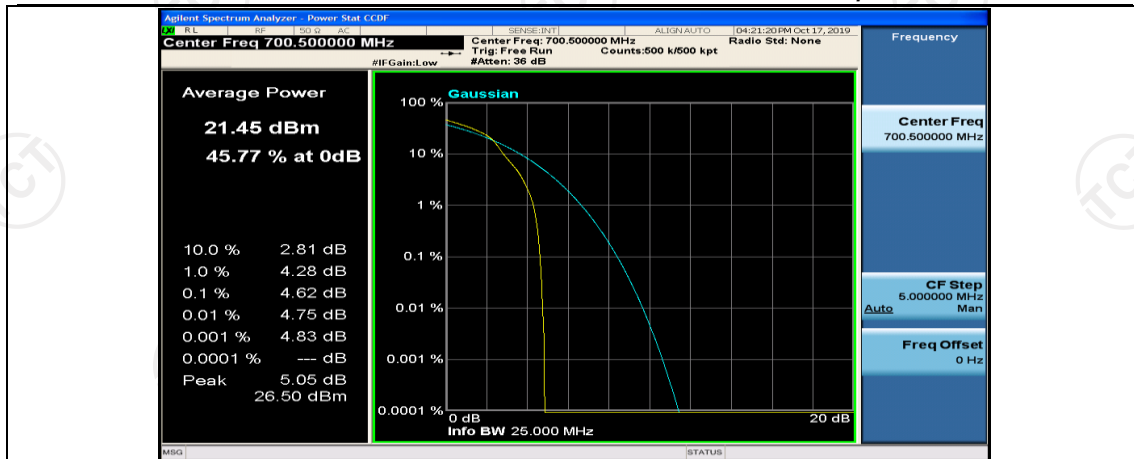
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7



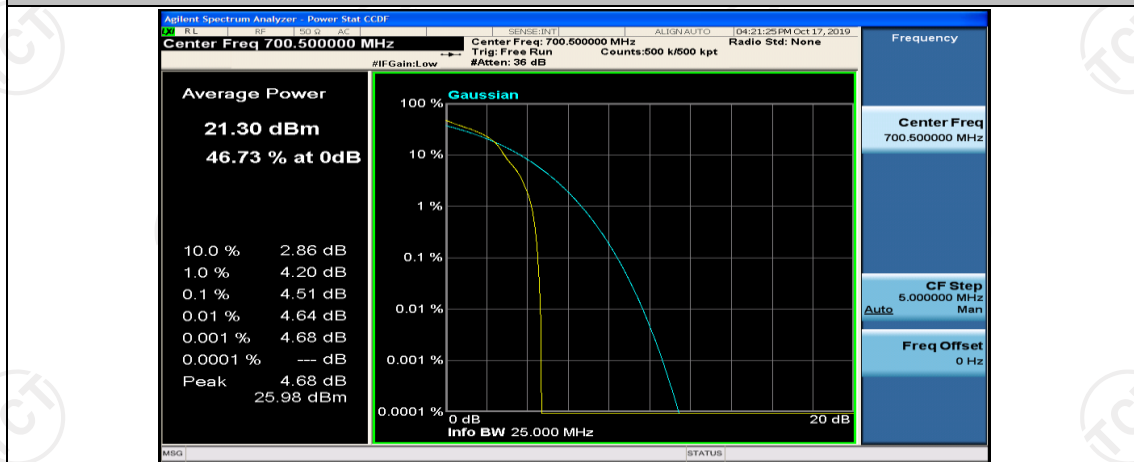
(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



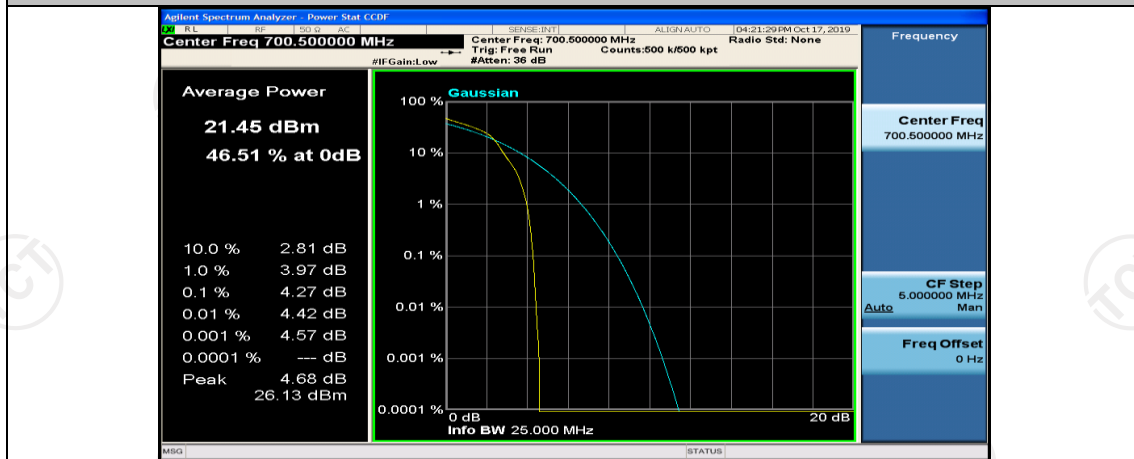
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



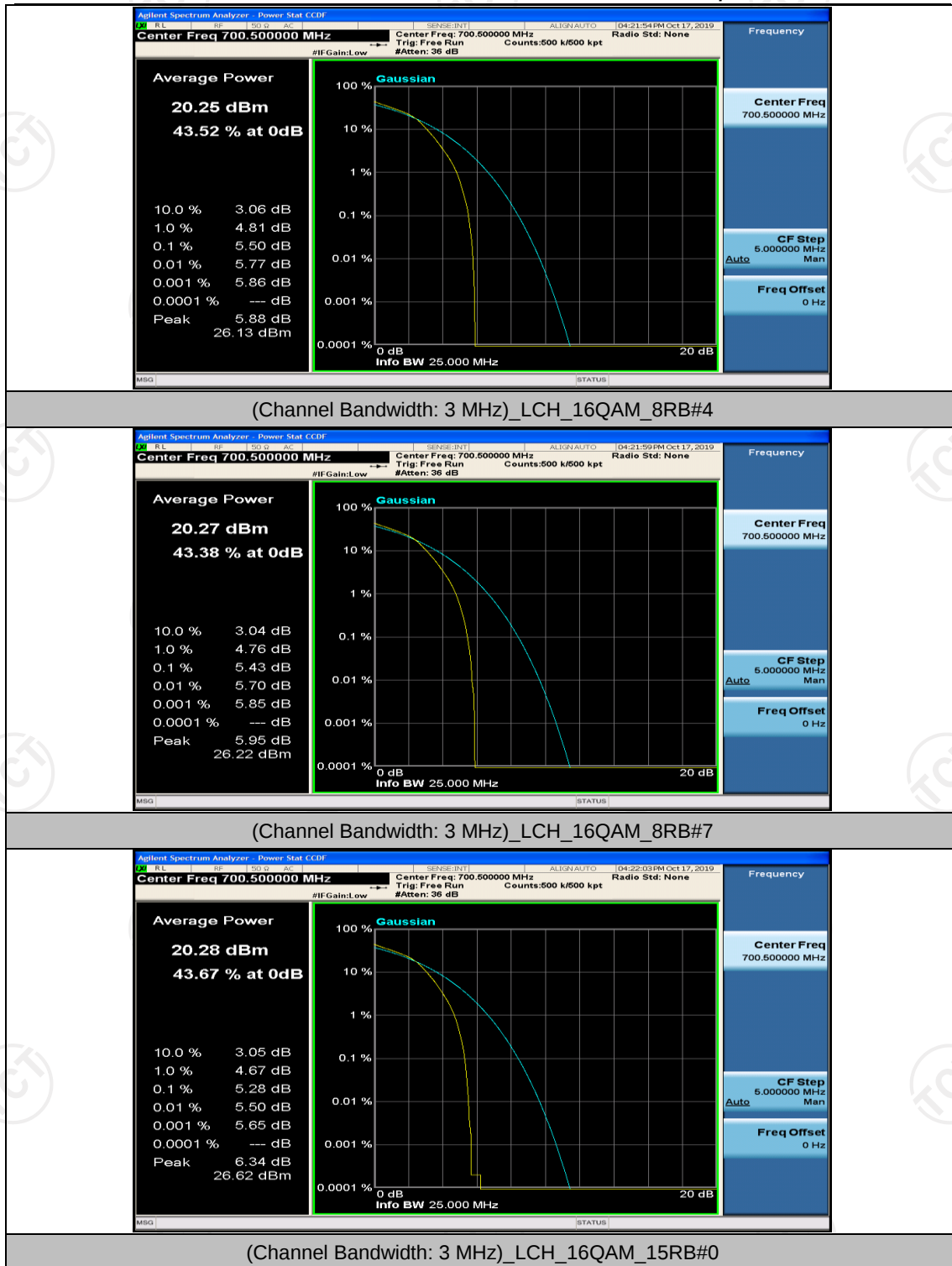
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7



(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14

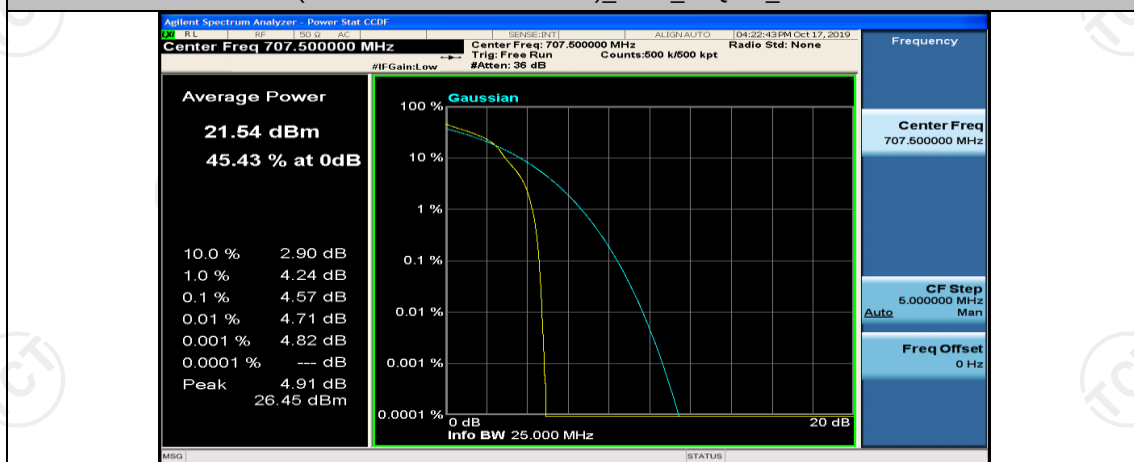


(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0

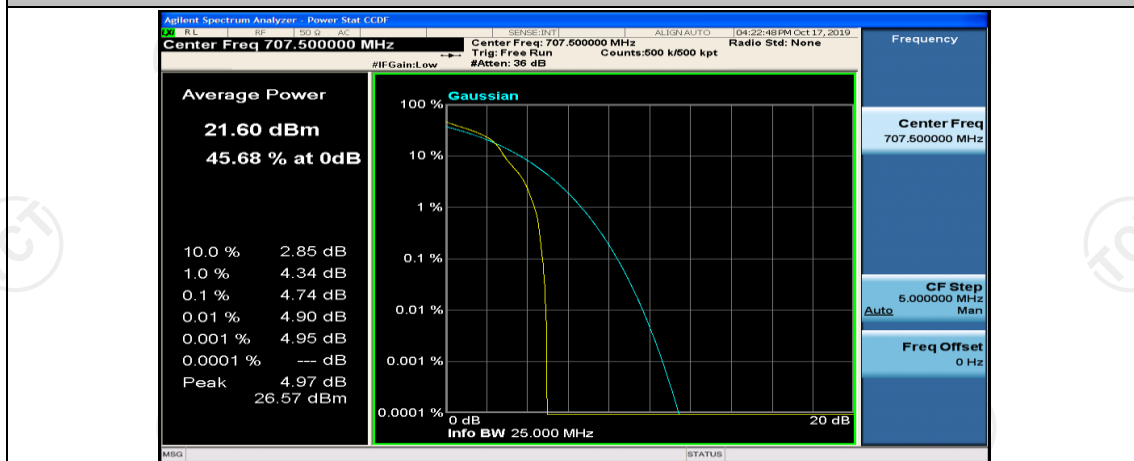




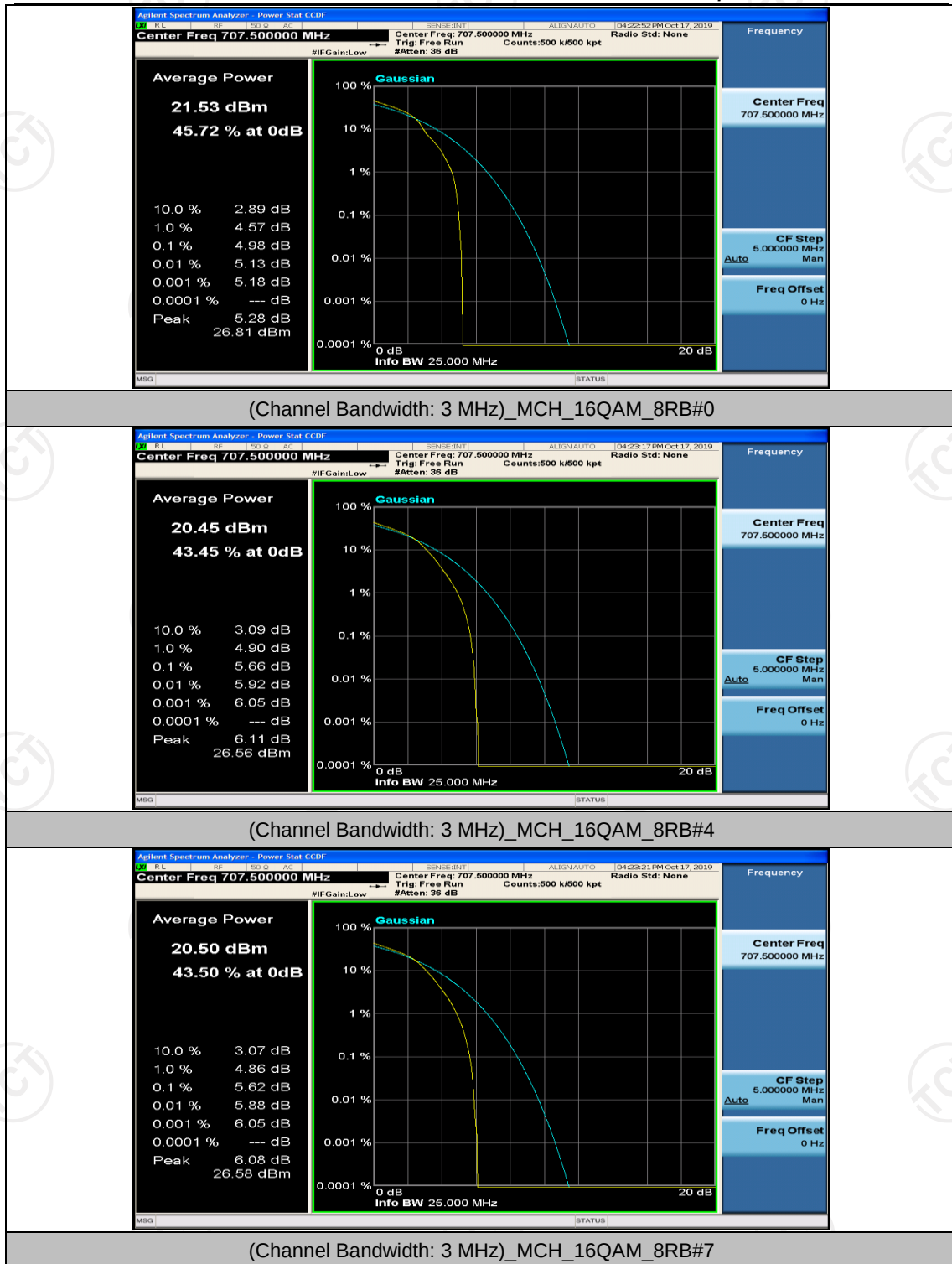
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

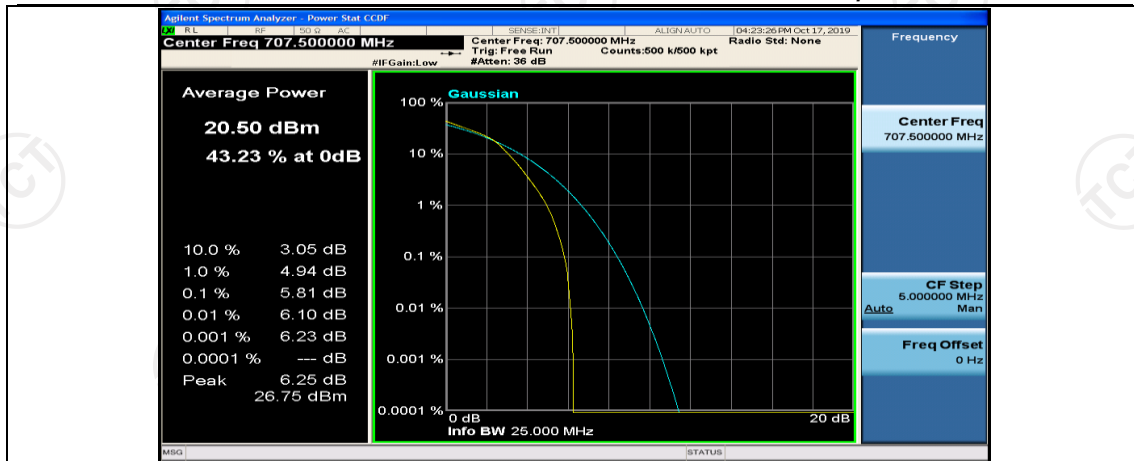


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

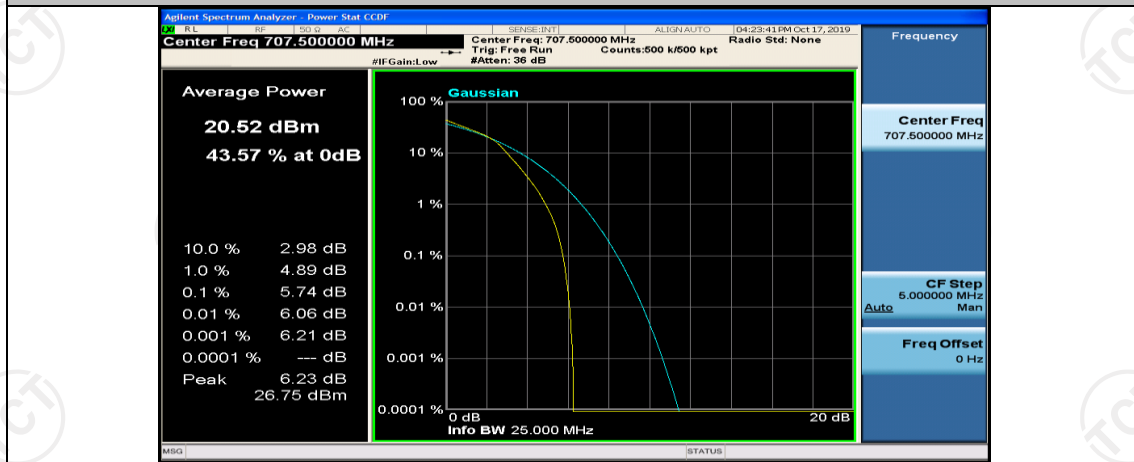


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

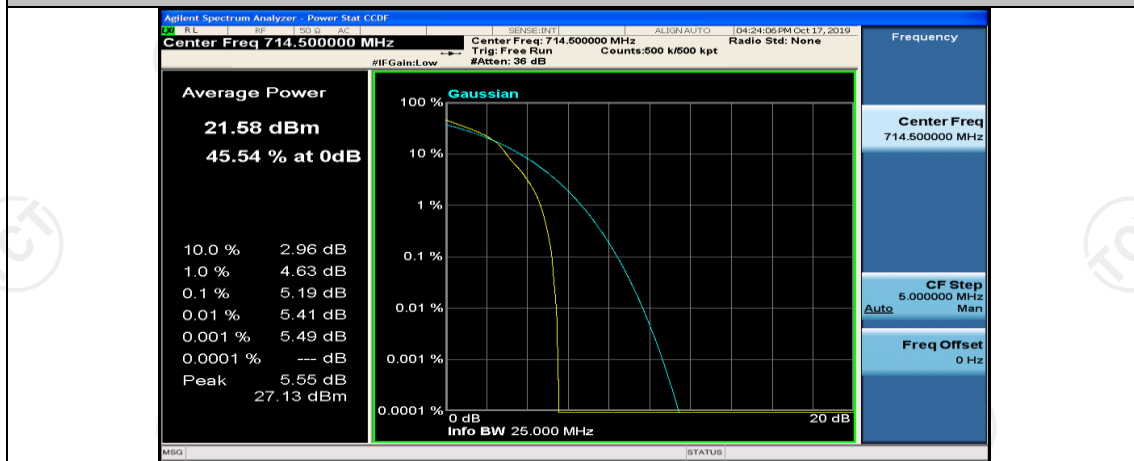




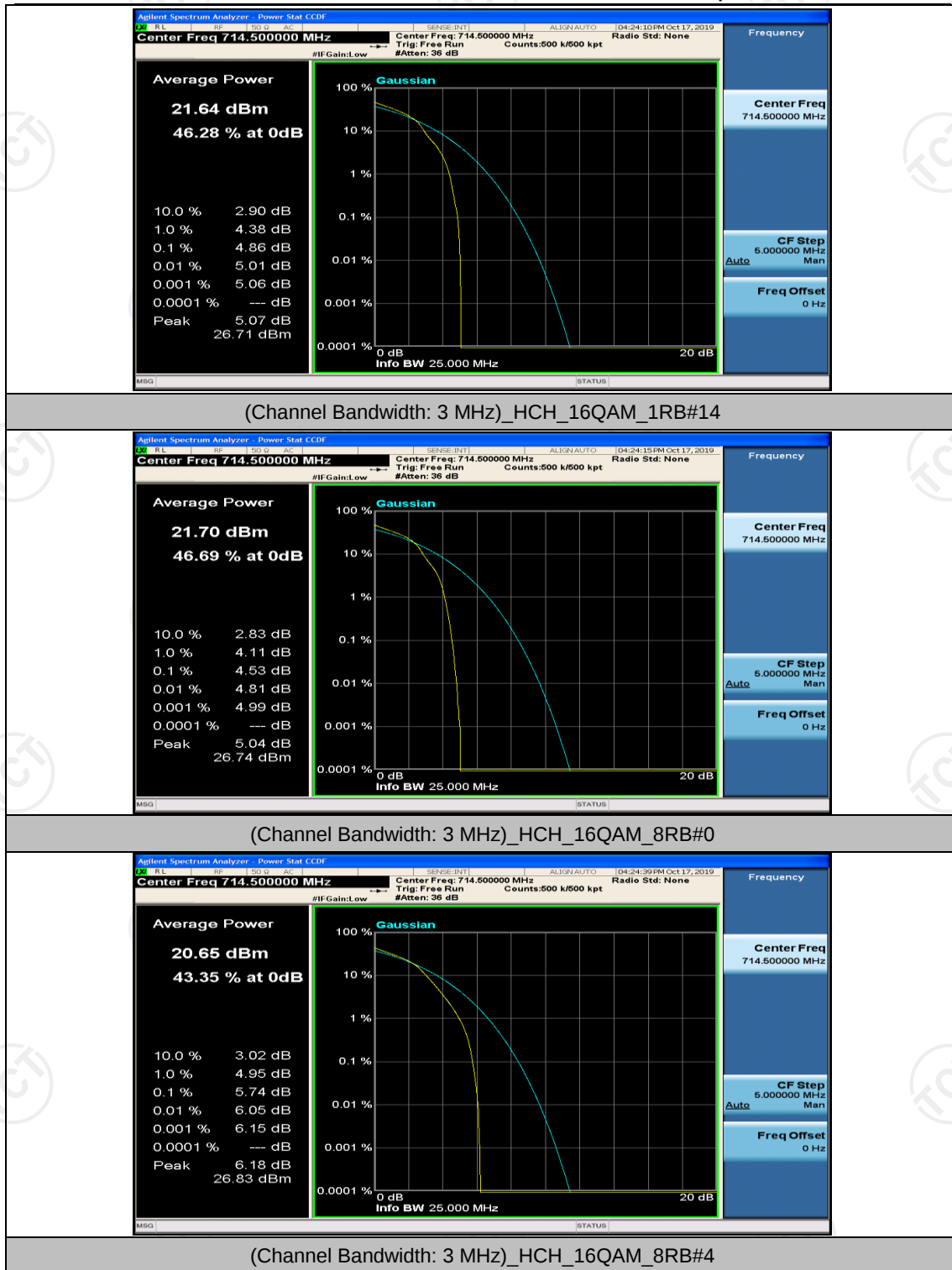
(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0

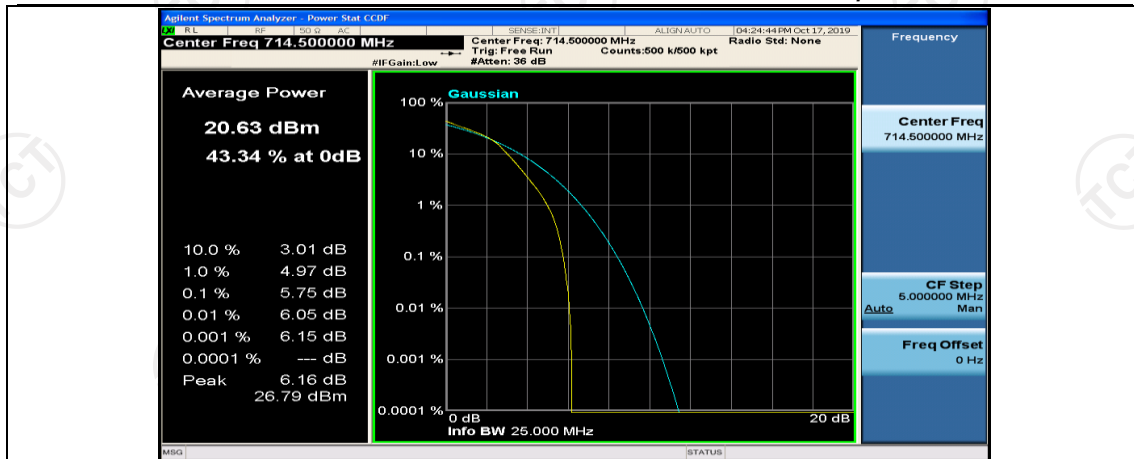


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0

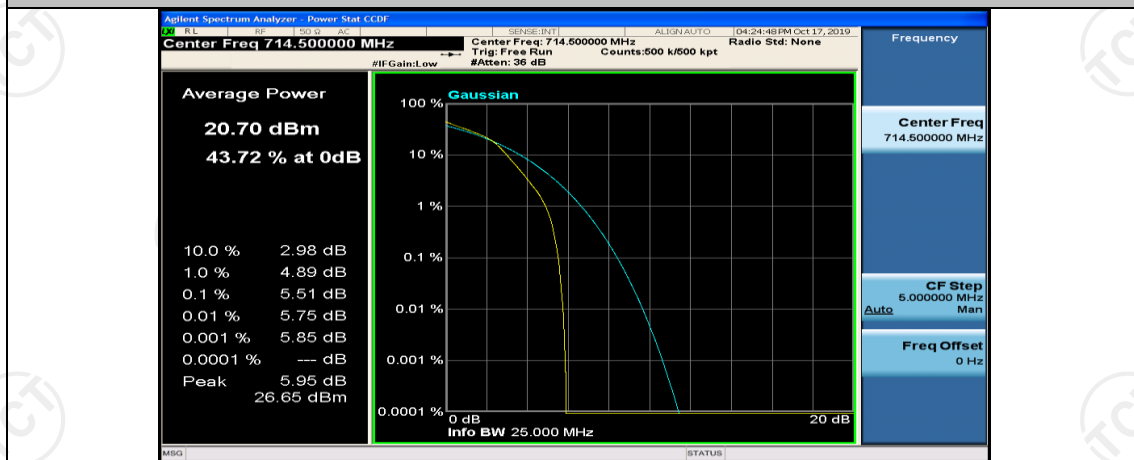


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7

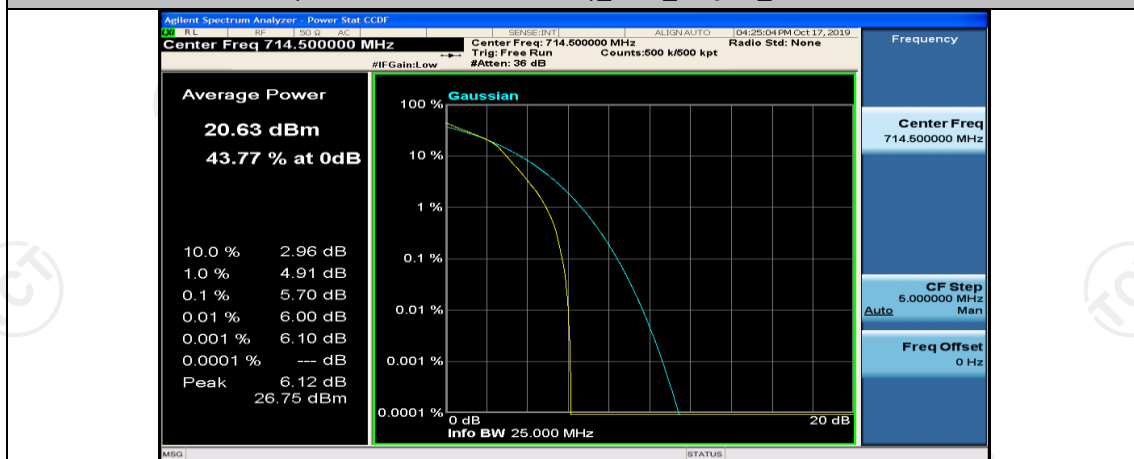




(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7

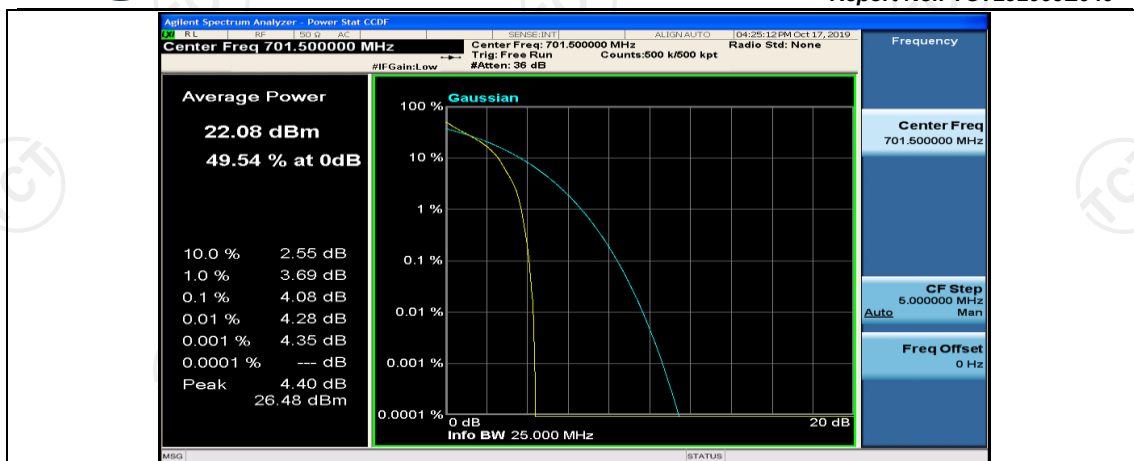


(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

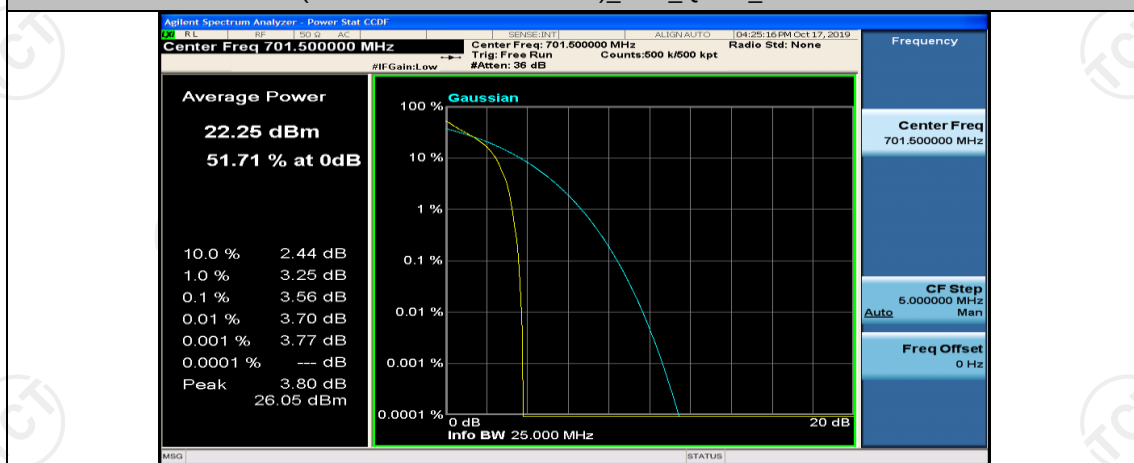


Channel Bandwidth: 5 MHz

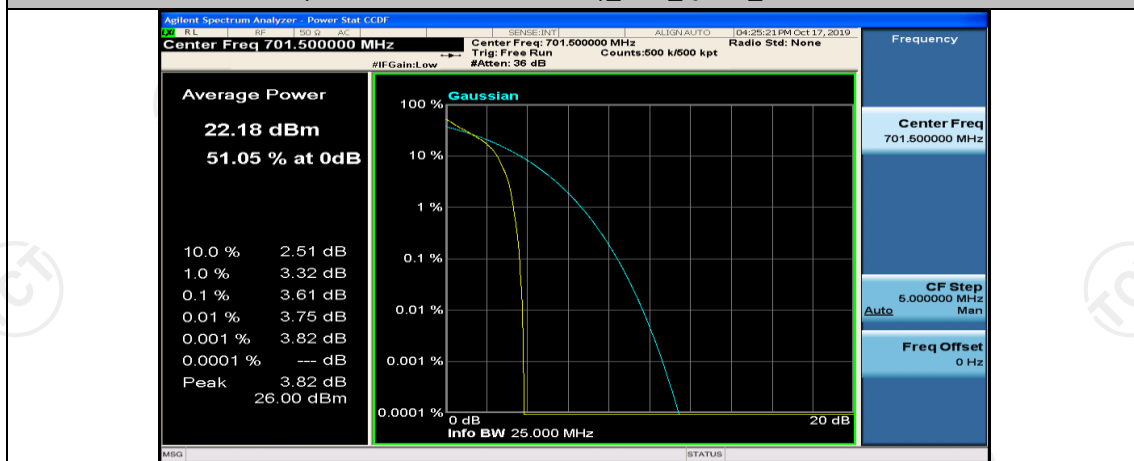
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0

