

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

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	21.98	23.98	PASS
		1	12	22.33	24.33	PASS
		1	24	21.42	23.42	PASS
		12	0	21.69	23.69	PASS
		12	6	22.37	24.37	PASS
		12	13	23.10	25.1	PASS
		25	0	22.44	24.44	PASS
	MCH	1	0	23.03	25.03	PASS
		1	12	23.14	25.14	PASS
		1	24	22.65	24.65	PASS
		12	0	23.09	25.09	PASS
		12	6	22.78	24.78	PASS
		12	13	21.22	23.22	PASS
		25	0	20.56	22.56	PASS
	HCH	1	0	21.28	23.28	PASS
		1	12	20.65	22.65	PASS
		1	24	22.46	24.46	PASS
		12	0	22.63	24.63	PASS
		12	6	22.49	24.49	PASS
		12	13	22.67	24.67	PASS
		25	0	23.04	25.04	PASS
16QAM	LCH	1	0	22.33	24.33	PASS
		1	12	22.81	24.81	PASS
		1	24	21.84	23.84	PASS
		12	0	22.29	24.29	PASS
		12	6	21.39	23.39	PASS
		12	13	21.64	23.64	PASS
		25	0	22.26	24.26	PASS
	MCH	1	0	22.99	24.99	PASS
		1	12	22.26	24.26	PASS
		1	24	22.87	24.87	PASS
		12	0	23.01	25.01	PASS
		12	6	22.58	24.58	PASS
		12	13	23.05	25.05	PASS

		25	0	20.5	22.5	PASS
		1	0	22.4	24.4	PASS
		1	12	22.61	24.61	PASS
		1	24	22.56	24.56	PASS
	HCH	12	0	22.72	24.72	PASS
		12	6	22.99	24.99	PASS
		12	13	22.19	24.19	PASS
		25	0	22.76	24.76	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	22.82	24.82	PASS
		1	24	22.33	24.33	PASS
		1	49	22.15	24.15	PASS
		25	0	21.57	23.57	PASS
		25	12	21.36	23.36	PASS
		25	25	21.25	23.25	PASS
		50	0	21.44	23.44	PASS
	MCH	1	0	22.89	24.89	PASS
		1	24	23.22	25.22	PASS
		1	49	23.53	25.53	PASS
		25	0	22.11	24.11	PASS
		25	12	22.26	24.26	PASS
		25	25	22.46	24.46	PASS
		50	0	22.30	24.3	PASS
	HCH	1	0	24.87	26.87	PASS
		1	24	24.16	26.16	PASS
		1	49	24.34	26.34	PASS
		25	0	24.17	26.17	PASS
		25	12	24.28	26.28	PASS
		25	25	24.36	26.36	PASS
		50	0	24.28	26.28	PASS
16QAM	LCH	1	0	22.14	24.14	PASS
		1	24	21.61	23.61	PASS
		1	49	21.47	23.47	PASS
		25	0	20.61	22.61	PASS
		25	12	20.42	22.42	PASS
		25	25	20.32	22.32	PASS
		50	0	20.46	22.46	PASS
	MCH	1	0	22.19	24.19	PASS

		1	24	22.54	24.54	PASS
		1	49	22.87	24.87	PASS
		25	0	21.13	23.13	PASS
		25	12	21.29	23.29	PASS
		25	25	21.49	23.49	PASS
		50	0	21.31	23.31	PASS
	HCH	1	0	23.16	25.16	PASS
		1	24	23.45	25.45	PASS
		1	49	23.66	25.66	PASS
		25	0	23.18	25.18	PASS
		25	12	23.31	25.31	PASS
		25	25	23.41	25.41	PASS
		50	0	23.30	25.30	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.84	24.84	PASS
		1	37	22.35	24.35	PASS
		1	74	22.32	24.32	PASS
		37	0	21.55	23.55	PASS
		37	18	21.38	23.38	PASS
		37	38	21.37	23.37	PASS
		75	0	21.48	23.48	PASS
	MCH	1	0	22.74	24.74	PASS
		1	37	23.33	25.33	PASS
		1	74	23.74	25.74	PASS
		37	0	22.07	24.07	PASS
		37	18	22.29	24.29	PASS
		37	38	22.59	24.59	PASS
		75	0	22.32	24.32	PASS
	HCH	1	0	24.50	26.5	PASS
		1	37	24.09	26.09	PASS
		1	74	24.30	26.3	PASS
		37	0	23.94	25.94	PASS
		37	18	24.18	26.18	PASS
		37	38	24.38	26.38	PASS
		75	0	24.20	26.2	PASS
16QAM	LCH	1	0	22.16	24.16	PASS
		1	37	21.66	23.66	PASS
		1	74	21.62	23.62	PASS

		37	0	20.57	22.57	PASS
		37	18	20.38	22.38	PASS
		37	38	20.37	22.37	PASS
		75	0	20.48	22.48	PASS
	MCH	1	0	22.03	24.03	PASS
		1	37	22.64	24.64	PASS
		1	74	23.09	25.09	PASS
		37	0	21.06	23.06	PASS
		37	18	21.30	23.3	PASS
		37	38	21.60	23.6	PASS
		75	0	21.33	23.33	PASS
		75	0	21.33	23.33	PASS
	HCH	1	0	23.80	25.8	PASS
		1	37	23.38	25.38	PASS
		1	74	23.63	25.63	PASS
		37	0	22.93	24.93	PASS
		37	18	23.18	25.18	PASS
		37	38	23.38	25.38	PASS
		75	0	23.18	25.18	PASS
		75	0	23.18	25.18	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	22.91	24.91	PASS
		1	49	22.34	24.34	PASS
		1	99	22.64	24.64	PASS
		50	0	21.47	23.47	PASS
		50	25	21.31	23.31	PASS
		50	50	21.44	23.44	PASS
		100	0	21.47	23.47	PASS
		100	0	21.47	23.47	PASS
	MCH	1	0	22.77	24.77	PASS
		1	49	23.33	25.33	PASS
		1	99	24.07	26.07	PASS
		50	0	22.01	24.01	PASS
		50	25	22.31	24.31	PASS
		50	50	22.65	24.65	PASS
		100	0	22.32	24.32	PASS
		100	0	22.32	24.32	PASS
	HCH	1	0	24.30	26.3	PASS
		1	49	24.97	26.97	PASS
		1	99	24.46	26.46	PASS
		50	0	23.61	25.61	PASS
		50	25	24.96	26.96	PASS
		50	25	24.96	26.96	PASS

		50	50	24.28	26.28	PASS
		100	0	23.98	25.98	PASS
16QAM	LCH	1	0	22.11	24.11	PASS
		1	49	21.52	23.52	PASS
		1	99	21.79	23.79	PASS
		50	0	20.46	22.46	PASS
		50	25	20.33	22.33	PASS
		50	50	20.44	22.44	PASS
		100	0	20.47	22.47	PASS
	MCH	1	0	21.95	23.95	PASS
		1	49	22.54	24.54	PASS
		1	99	23.29	25.29	PASS
		50	0	20.99	22.99	PASS
		50	25	21.29	23.29	PASS
		50	50	21.66	23.66	PASS
		100	0	21.33	23.33	PASS
	HCH	1	0	23.49	25.49	PASS
		1	49	23.08	25.08	PASS
		1	99	23.64	25.64	PASS
		50	0	22.63	24.63	PASS
		50	25	22.96	24.96	PASS
		50	50	23.28	25.28	PASS
		100	0	22.99	24.99	PASS

Note: EIRP= Average Power + Antenna Gain (2.0dBi)

Appendix B: Peak-to-Average Ratio

Test Result

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	3.87	<13	PASS
		1	12	4.08	<13	PASS
		1	24	4.01	<13	PASS
		12	0	5.21	<13	PASS
		12	6	5.22	<13	PASS
		12	13	5.36	<13	PASS
		25	0	5.31	<13	PASS
	MCH	1	0	2.95	<13	PASS
		1	12	3.11	<13	PASS
		1	24	3.5	<13	PASS
		12	0	4.52	<13	PASS
		12	6	4.62	<13	PASS
		12	13	4.75	<13	PASS
		25	0	4.75	<13	PASS
	HCH	1	0	2.58	<13	PASS
		1	12	2.7	<13	PASS
		1	24	3.01	<13	PASS
		12	0	4.19	<13	PASS
		12	6	4.27	<13	PASS
		12	13	4.38	<13	PASS
		25	0	4.39	<13	PASS
16QAM	LCH	1	0	4.56	<13	PASS
		1	12	4.48	<13	PASS
		1	24	4.62	<13	PASS
		12	0	5.97	<13	PASS
		12	6	6.12	<13	PASS
		12	13	6.2	<13	PASS
		25	0	5.99	<13	PASS
	MCH	1	0	3.86	<13	PASS
		1	12	3.84	<13	PASS
		1	24	4.27	<13	PASS
		12	0	5.37	<13	PASS

		12	6	5.53	<13	PASS
		12	13	5.59	<13	PASS
		25	0	5.54	<13	PASS
	HCH	1	0	3.41	<13	PASS
		1	12	3.64	<13	PASS
		1	24	3.75	<13	PASS
		12	0	5.12	<13	PASS
		12	6	5.14	<13	PASS
		12	13	5.29	<13	PASS
		25	0	5.26	<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	3.79	<13	PASS
		1	24	4.07	<13	PASS
		1	49	4.5	<13	PASS
		25	0	5.25	<13	PASS
		25	12	5.39	<13	PASS
		25	25	5.51	<13	PASS
		50	0	5.29	<13	PASS
	MCH	1	0	3.16	<13	PASS
		1	24	3.06	<13	PASS
		1	49	3.63	<13	PASS
		25	0	4.52	<13	PASS
		25	12	4.68	<13	PASS
		25	25	4.82	<13	PASS
		50	0	4.76	<13	PASS
	HCH	1	0	3.45	<13	PASS
		1	24	2.78	<13	PASS
		1	49	3.35	<13	PASS
		25	0	4.67	<13	PASS
		25	12	4.27	<13	PASS
		25	25	4.3	<13	PASS
		50	0	4.56	<13	PASS
16QAM	LCH	1	0	4.49	<13	PASS
		1	24	4.69	<13	PASS
		1	49	5.21	<13	PASS
		25	0	6.04	<13	PASS
		25	12	6.11	<13	PASS

		25	25	6.27	<13	PASS
		50	0	6.03	<13	PASS
	MCH	1	0	3.93	<13	PASS
		1	24	3.82	<13	PASS
		1	49	4.24	<13	PASS
		25	0	5.38	<13	PASS
		25	12	5.59	<13	PASS
		25	25	5.71	<13	PASS
		50	0	5.57	<13	PASS
		1	0	4.19	<13	PASS
	HCH	1	24	3.61	<13	PASS
		1	49	3.97	<13	PASS
		25	0	5.52	<13	PASS
		25	12	5.11	<13	PASS
		25	25	5.23	<13	PASS
		50	0	5.35	<13	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.74	<13	PASS
		1	37	4.29	<13	PASS
		1	74	4.27	<13	PASS
		37	0	5.27	<13	PASS
		37	18	5.52	<13	PASS
		37	38	5.47	<13	PASS
		75	0	5.72	<13	PASS
	MCH	1	0	3.31	<13	PASS
		1	37	3.09	<13	PASS
		1	74	3.81	<13	PASS
		37	0	4.46	<13	PASS
		37	18	4.63	<13	PASS
		37	38	4.91	<13	PASS
		75	0	5.07	<13	PASS
	HCH	1	0	3.79	<13	PASS
		1	37	3.27	<13	PASS
		1	74	3.11	<13	PASS
		37	0	5.13	<13	PASS
		37	18	4.85	<13	PASS
		37	38	4.34	<13	PASS

		75	0	5.2	<13	PASS
16QAM	LCH	1	0	4.54	<13	PASS
		1	37	5.04	<13	PASS
		1	74	4.85	<13	PASS
		37	0	6.04	<13	PASS
		37	18	6.23	<13	PASS
		37	38	6.23	<13	PASS
		75	0	6.27	<13	PASS
	MCH	1	0	3.9	<13	PASS
		1	37	3.86	<13	PASS
		1	74	4.49	<13	PASS
		37	0	5.34	<13	PASS
		37	18	5.55	<13	PASS
		37	38	5.78	<13	PASS
		75	0	5.76	<13	PASS
	HCH	1	0	4.48	<13	PASS
		1	37	3.98	<13	PASS
		1	74	3.8	<13	PASS
		37	0	5.94	<13	PASS
		37	18	5.63	<13	PASS
		37	38	5.18	<13	PASS
		75	0	5.87	<13	PASS

Channel Bandwidth: 20 MHz

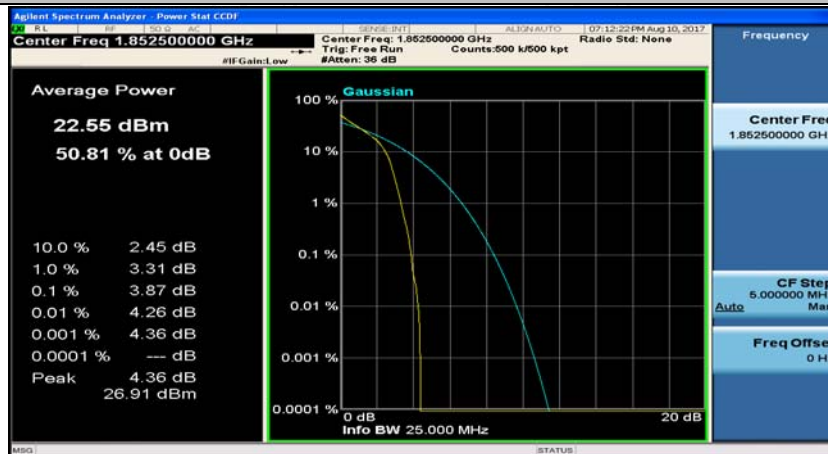
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.56	<13	PASS
		1	49	4.42	<13	PASS
		1	99	3.76	<13	PASS
		50	0	5.39	<13	PASS
		50	25	5.51	<13	PASS
		50	50	5.46	<13	PASS
		100	0	5.65	<13	PASS
	MCH	1	0	3.33	<13	PASS
		1	49	2.95	<13	PASS
		1	99	3.86	<13	PASS
		50	0	4.63	<13	PASS
		50	25	4.73	<13	PASS
		50	50	5.09	<13	PASS
		100	0	4.99	<13	PASS

	HCH	1	0	3.81	<13	PASS
		1	49	3.40	<13	PASS
		1	99	3.02	<13	PASS
		50	0	5.47	<13	PASS
		50	25	5.13	<13	PASS
		50	50	4.70	<13	PASS
		100	0	5.41	<13	PASS
16QAM	LCH	1	0	4.46	<13	PASS
		1	49	4.91	<13	PASS
		1	99	4.42	<13	PASS
		50	0	6.12	<13	PASS
		50	25	6.20	<13	PASS
		50	50	6.16	<13	PASS
		100	0	6.24	<13	PASS
	MCH	1	0	4.17	<13	PASS
		1	49	3.85	<13	PASS
		1	99	4.67	<13	PASS
		50	0	5.39	<13	PASS
		50	25	5.59	<13	PASS
		50	50	5.92	<13	PASS
		100	0	5.80	<13	PASS
	HCH	1	0	4.52	<13	PASS
		1	49	4.15	<13	PASS
		1	99	3.55	<13	PASS
		50	0	6.18	<13	PASS
		50	25	5.88	<13	PASS
		50	50	5.49	<13	PASS
		100	0	6.12	<13	PASS

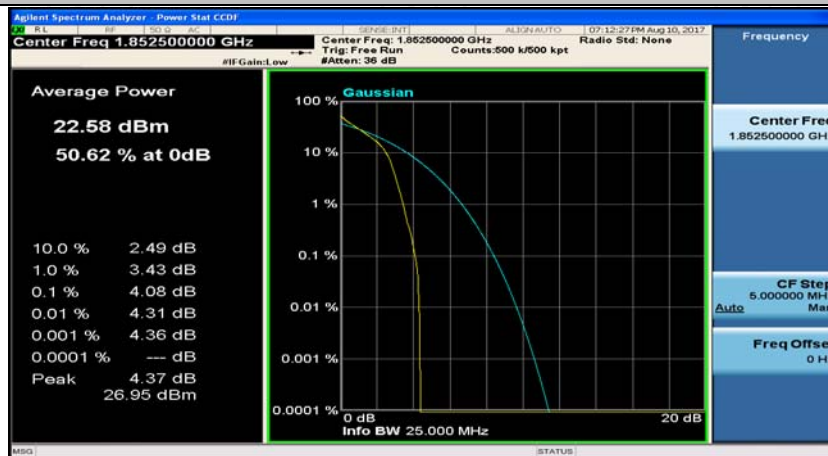
Test Graphs

Channel Bandwidth: 5 MHz

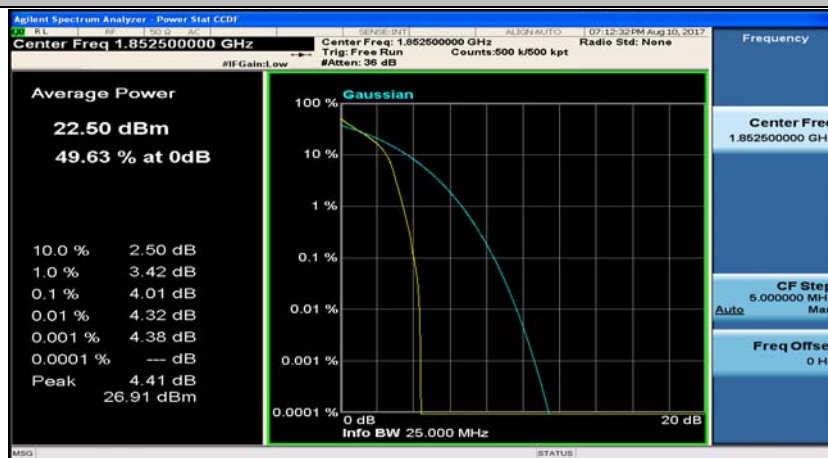
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



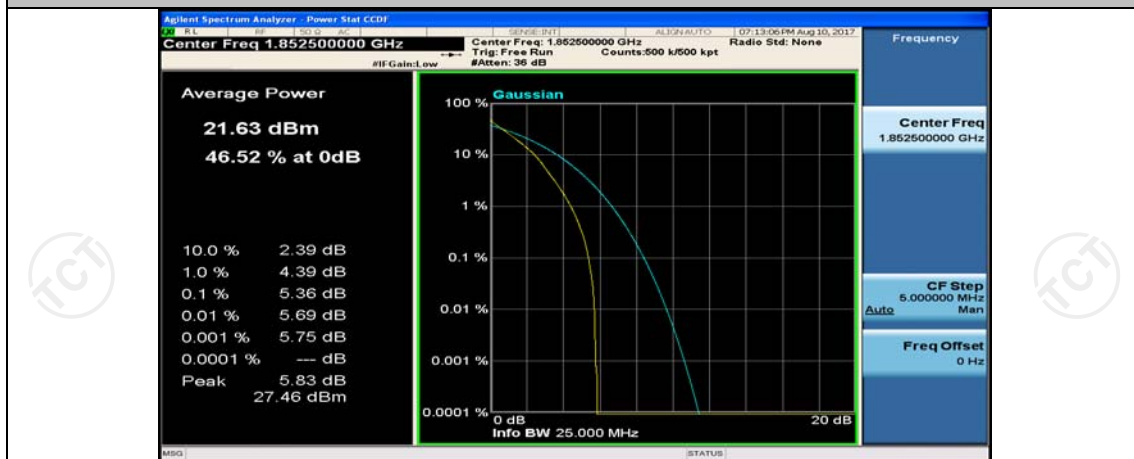
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



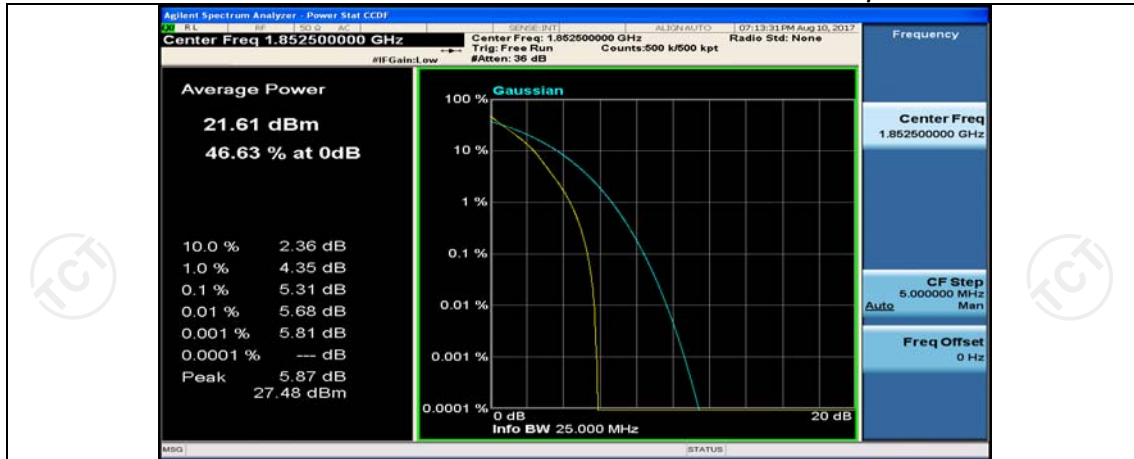
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



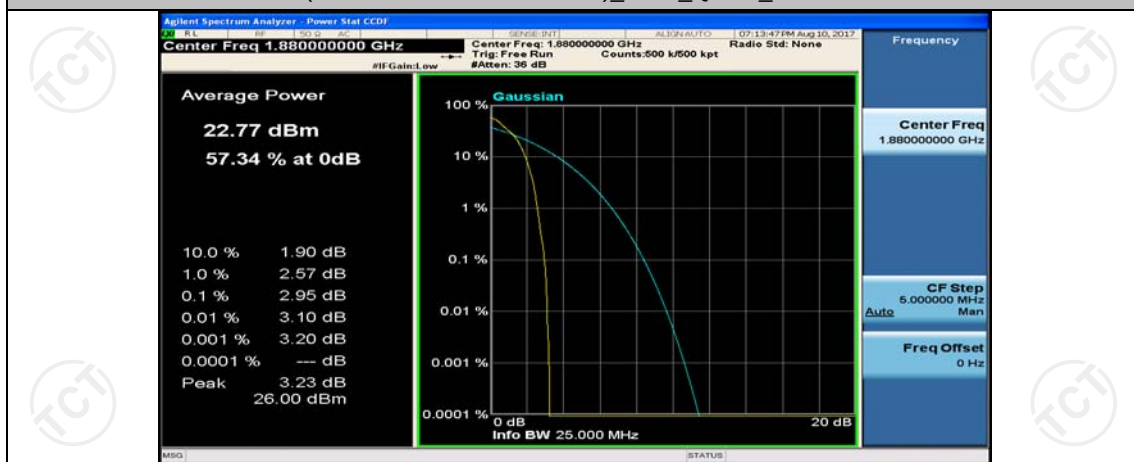
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



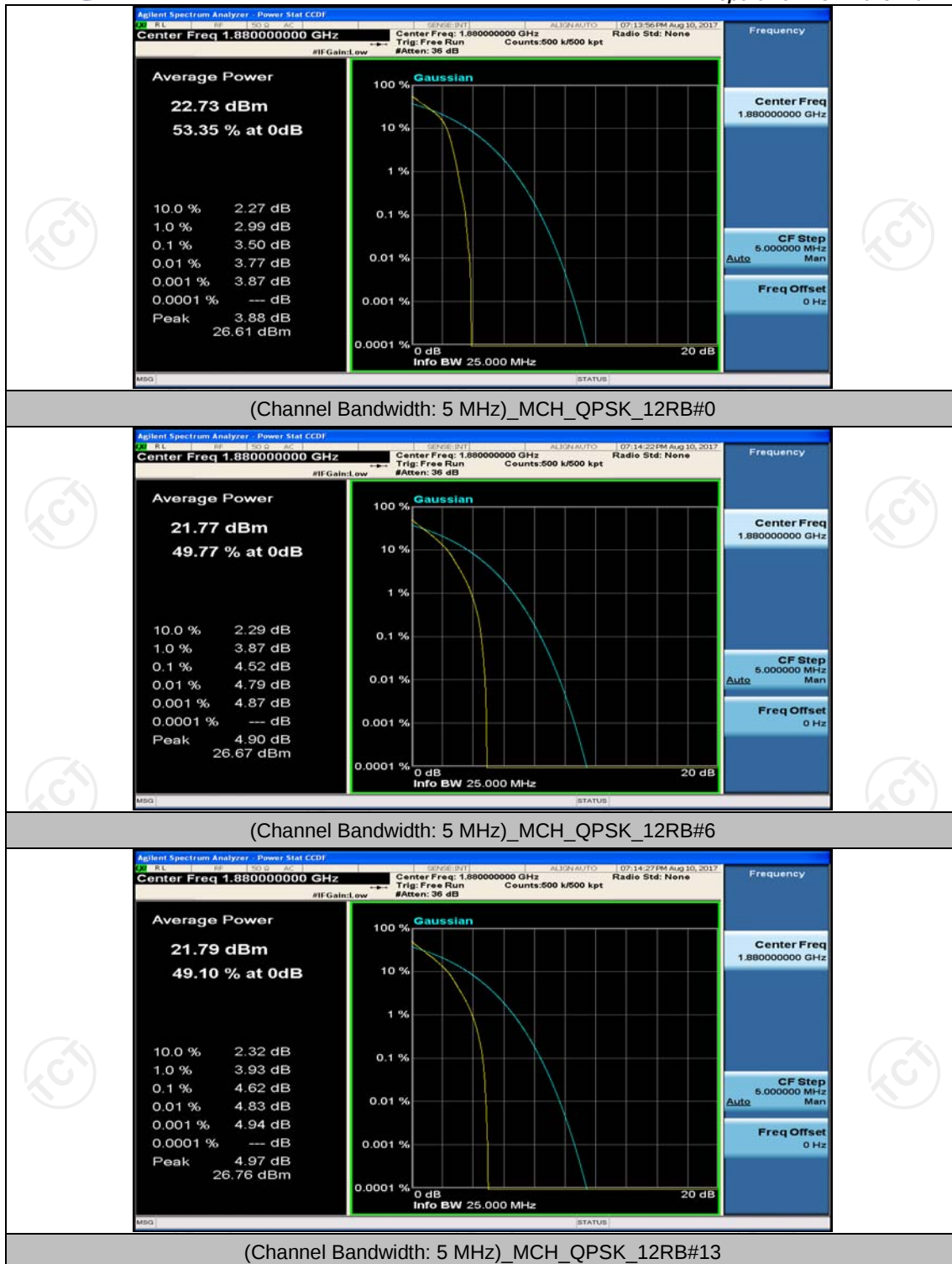
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

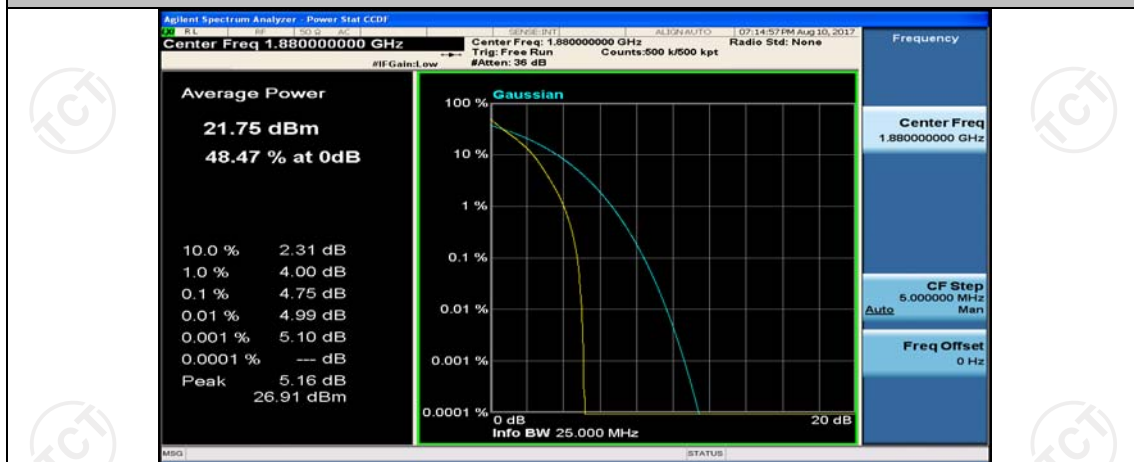


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

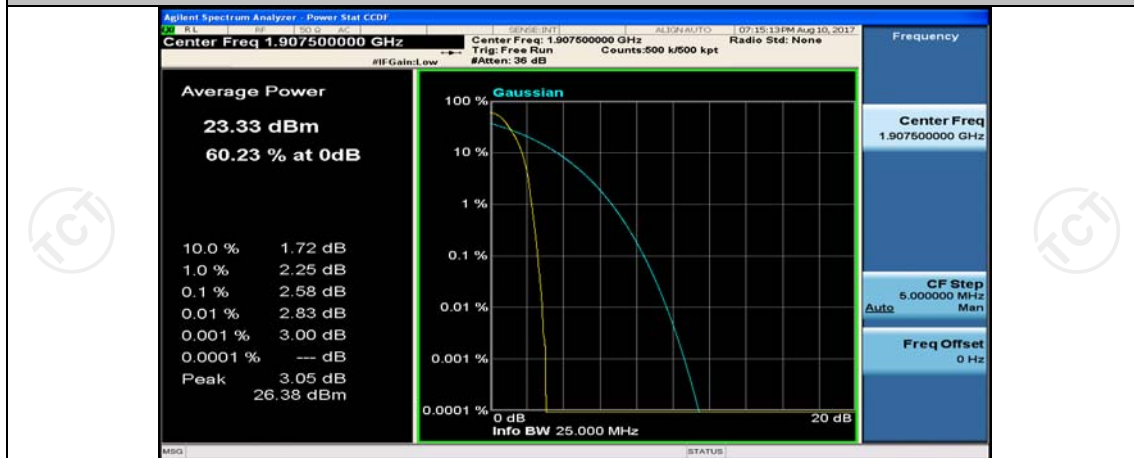




(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



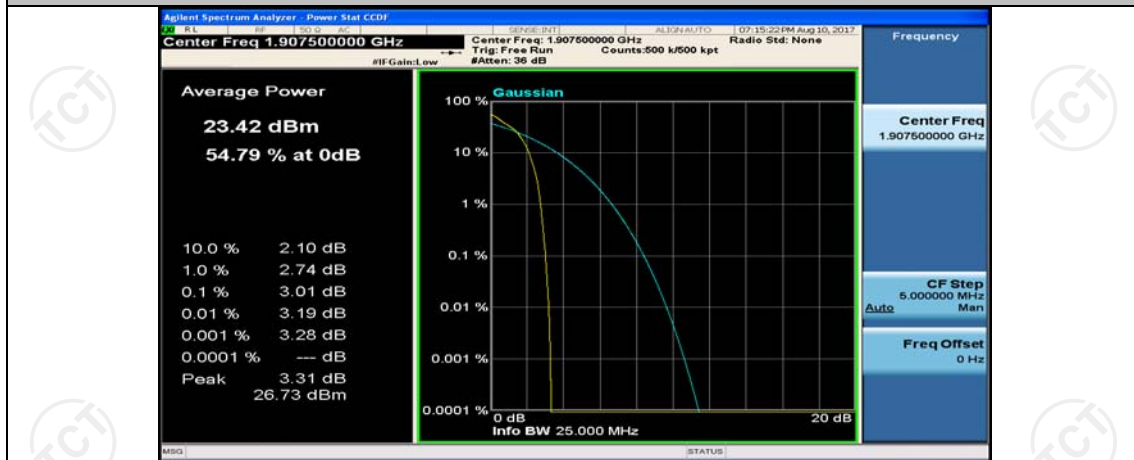
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



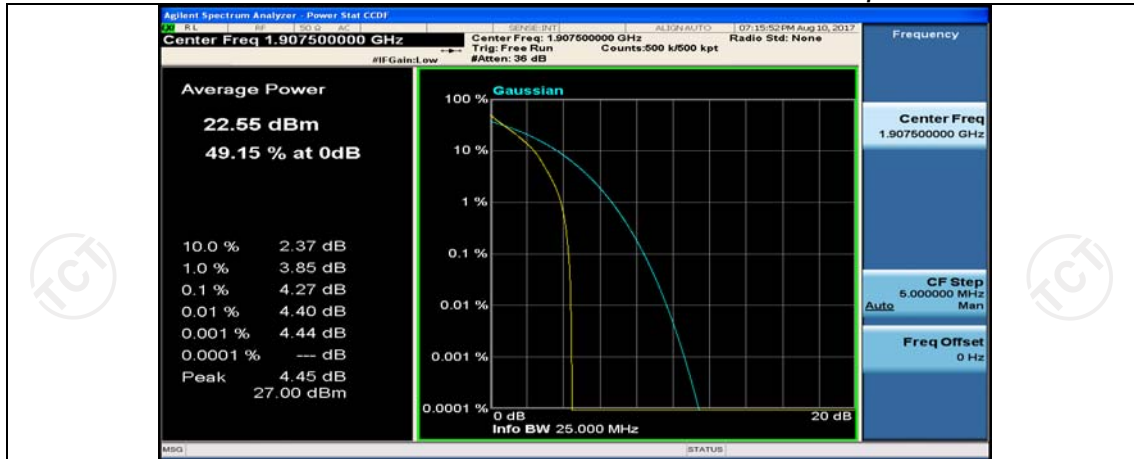
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



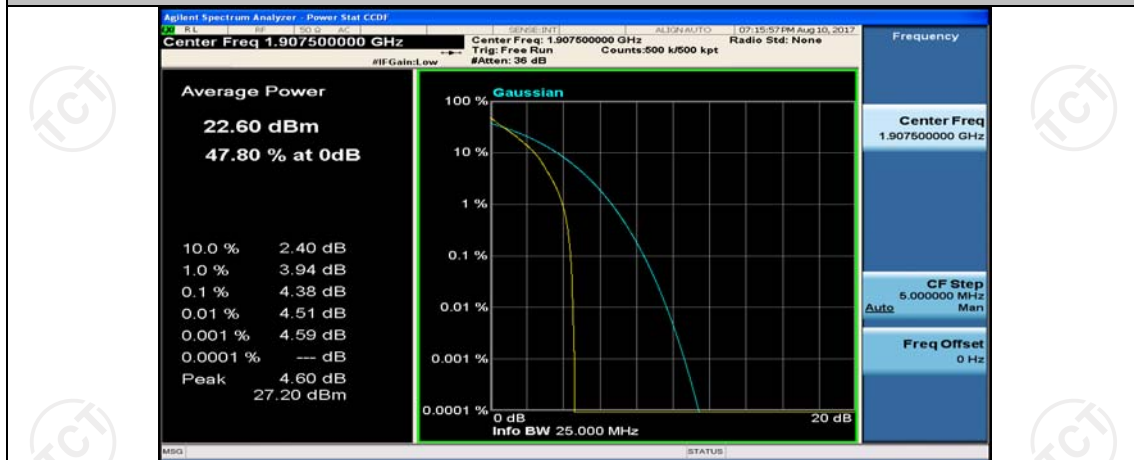
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



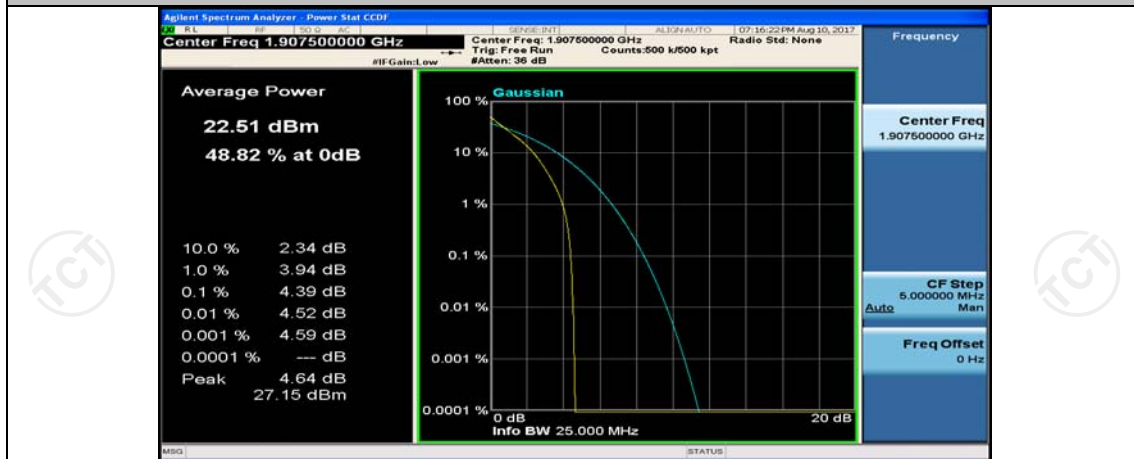
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



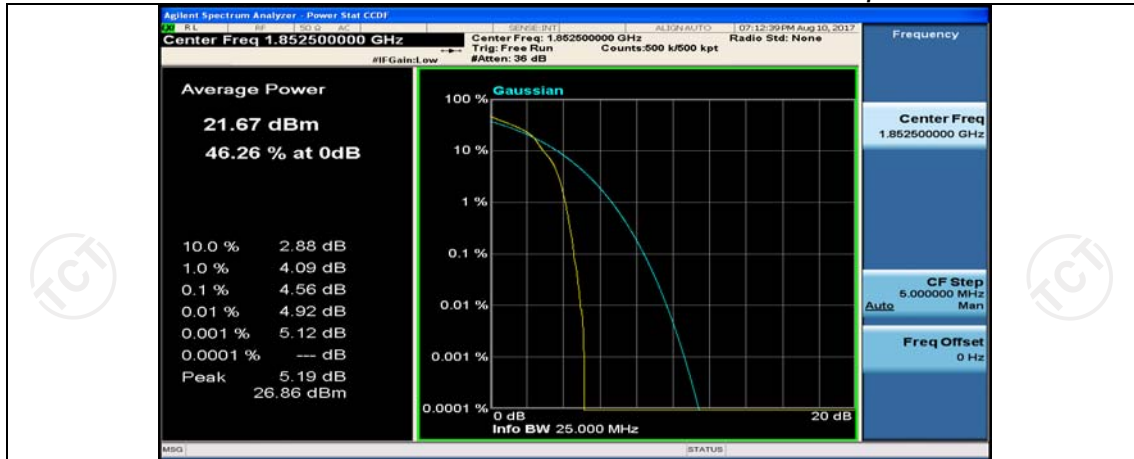
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



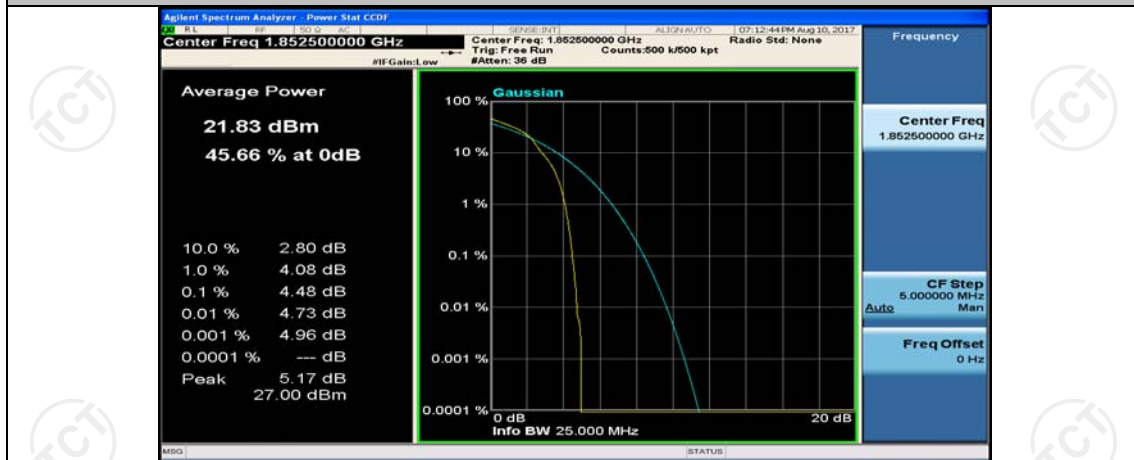
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



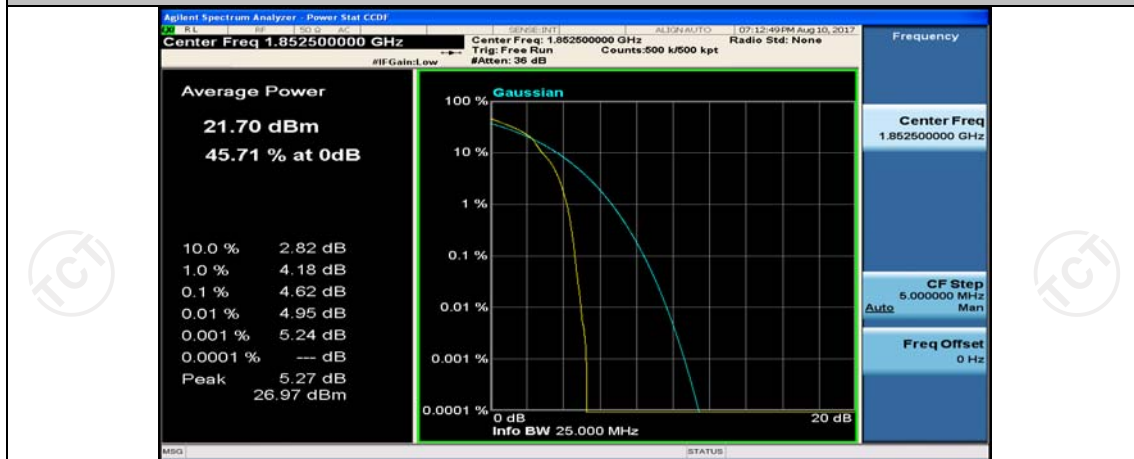
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



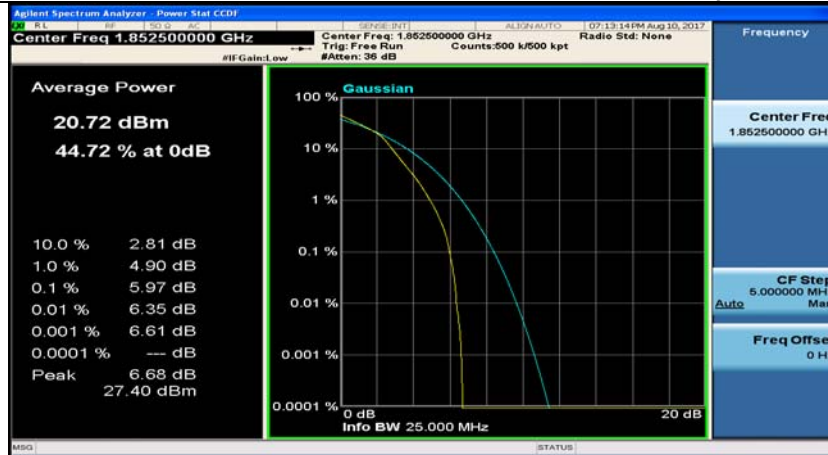
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



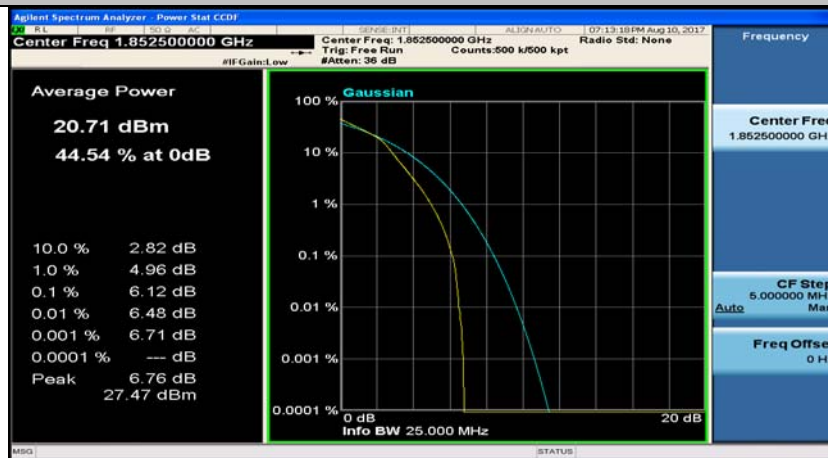
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



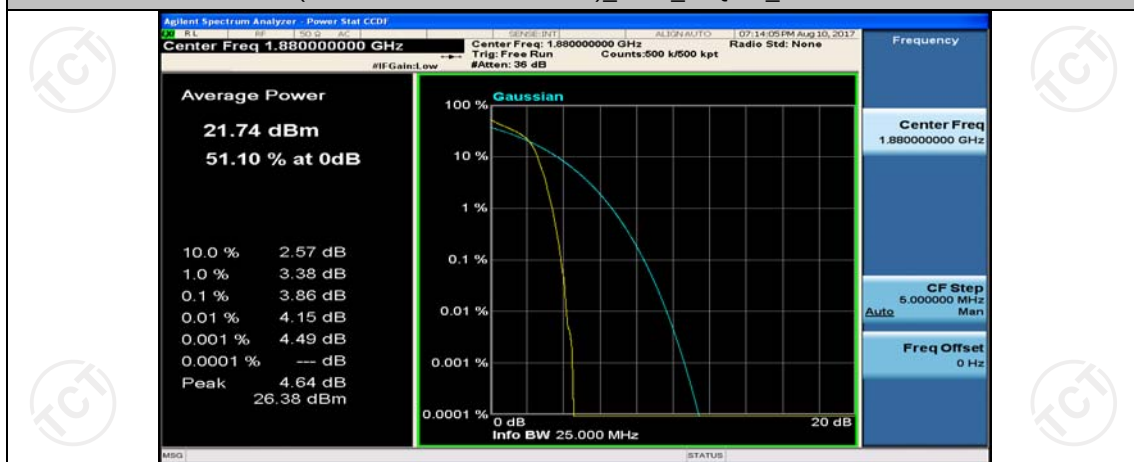
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



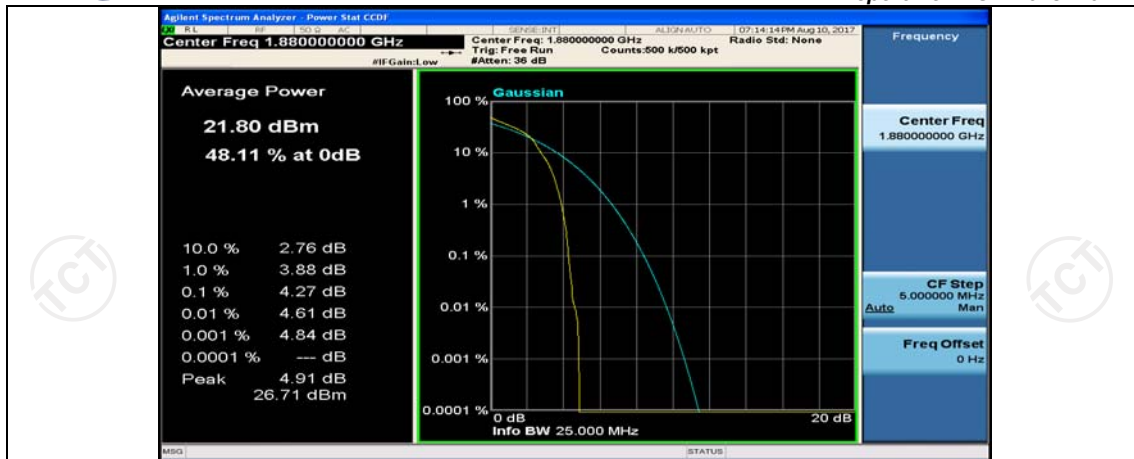
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



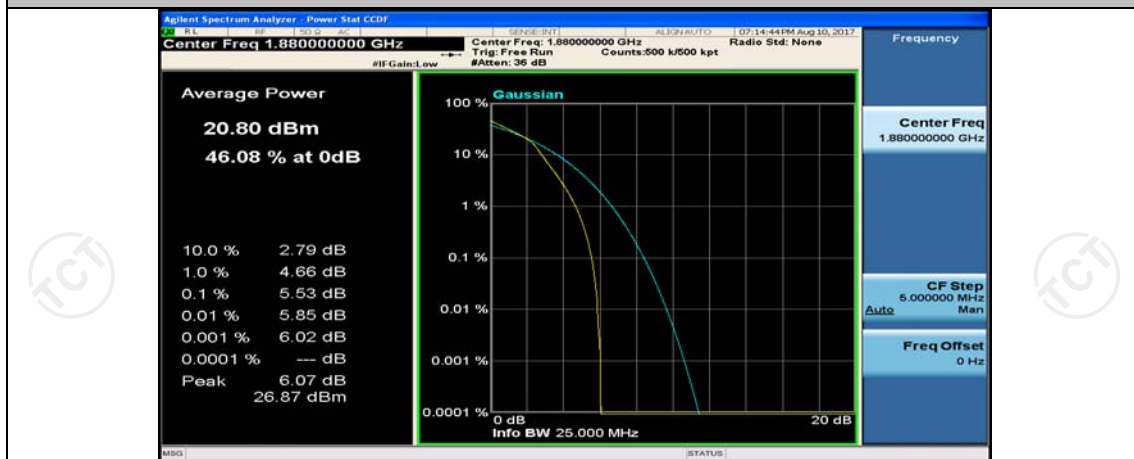
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



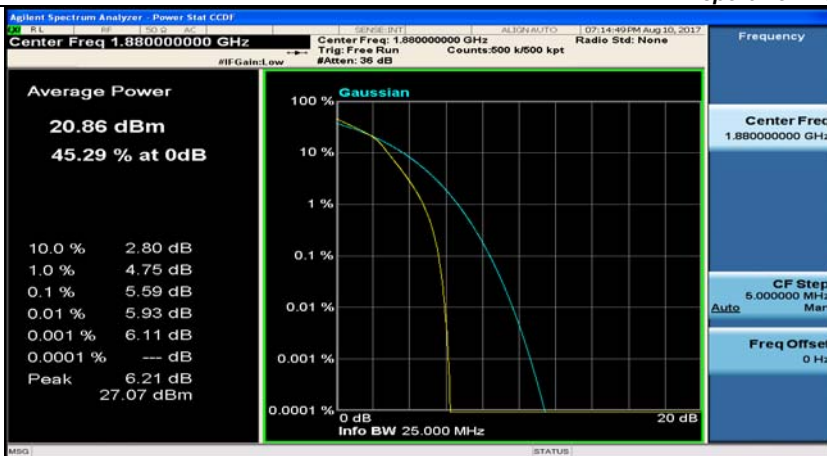
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



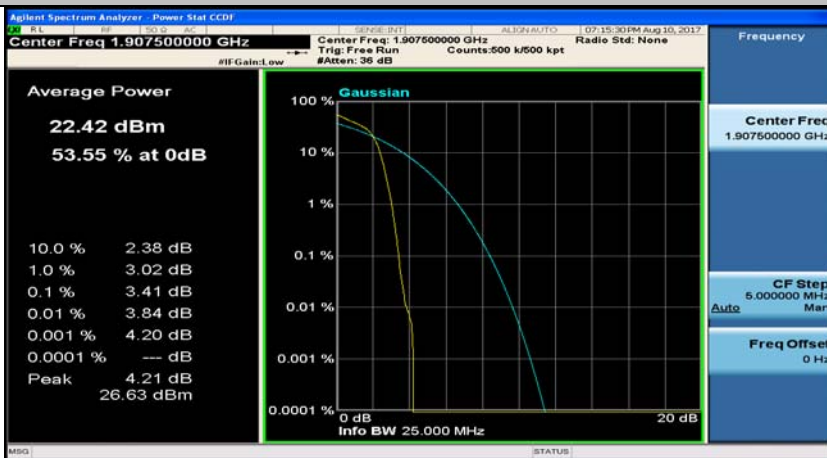
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



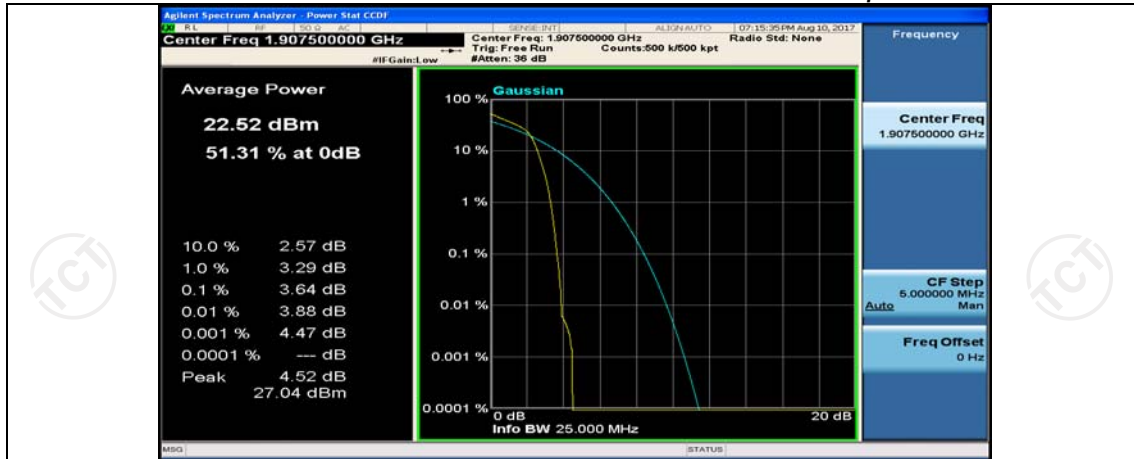
(Channel Bandwidth: 5 MHz) MCH 16QAM 25RB#0



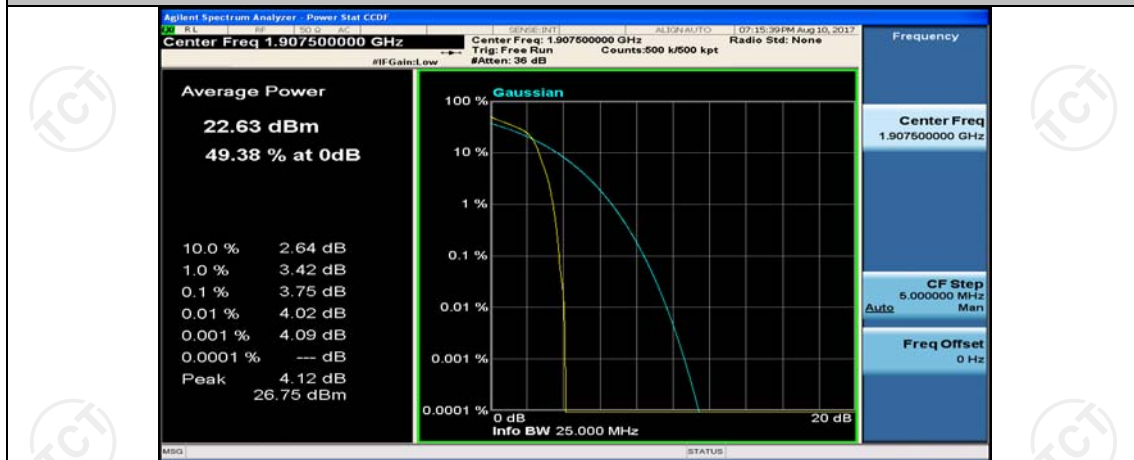
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz) HCH_16QAM_1RB#12



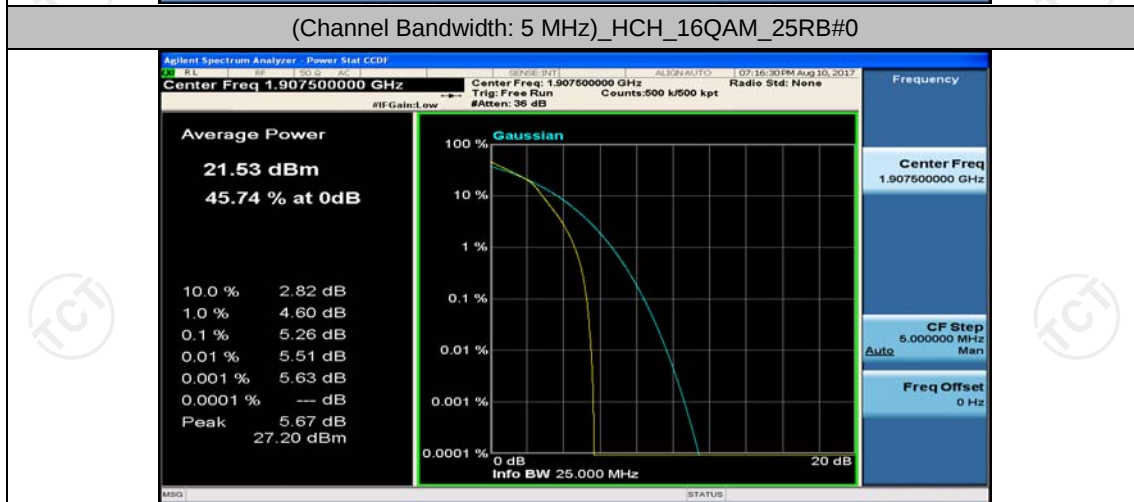
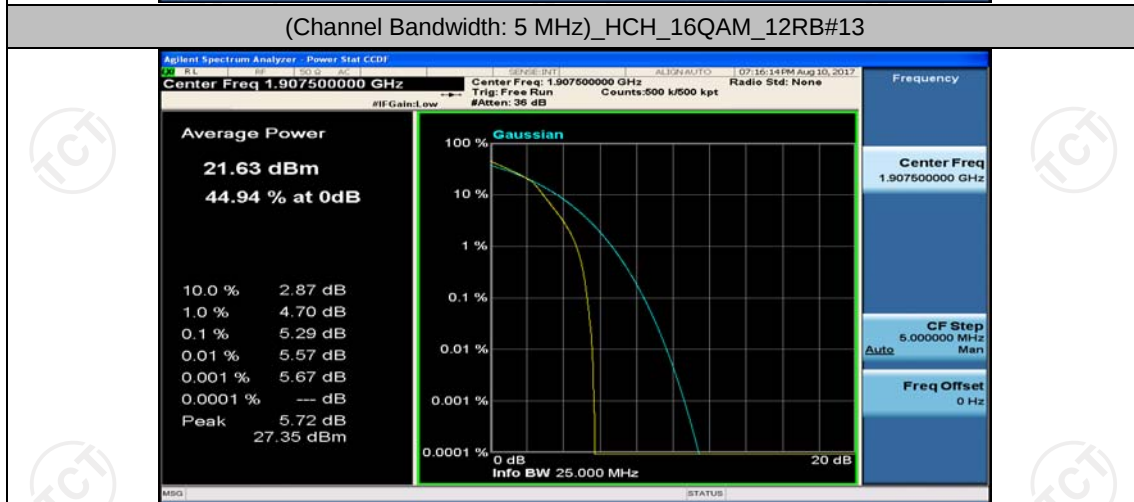
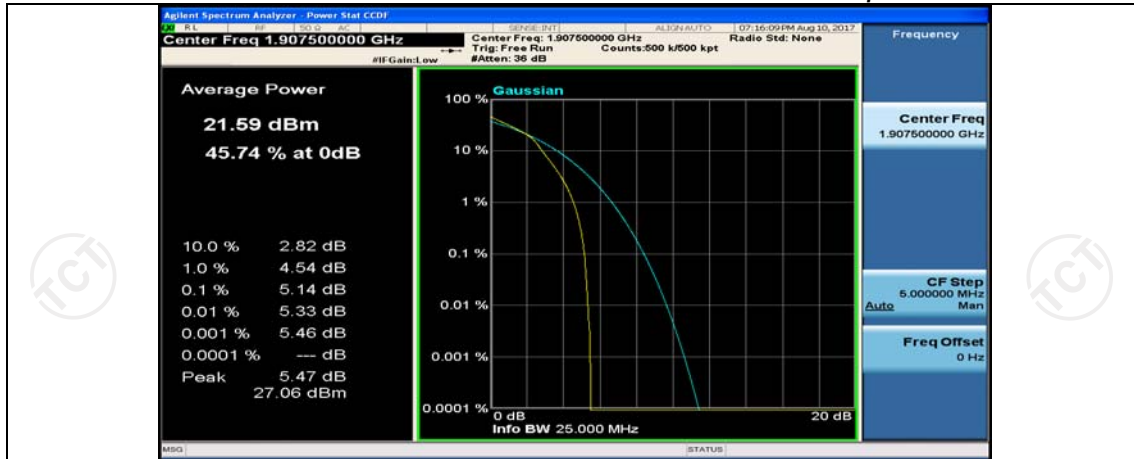
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0

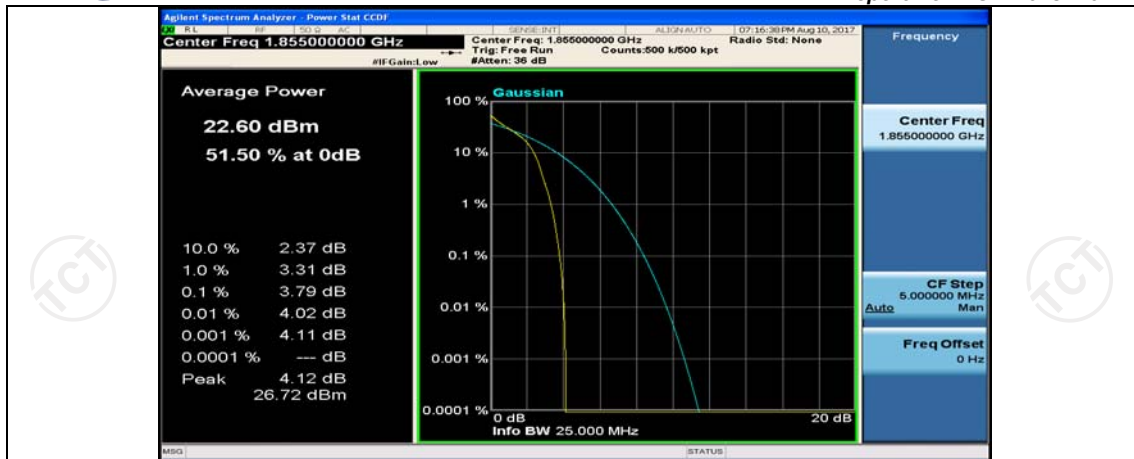


(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



Channel Bandwidth: 10 MHz

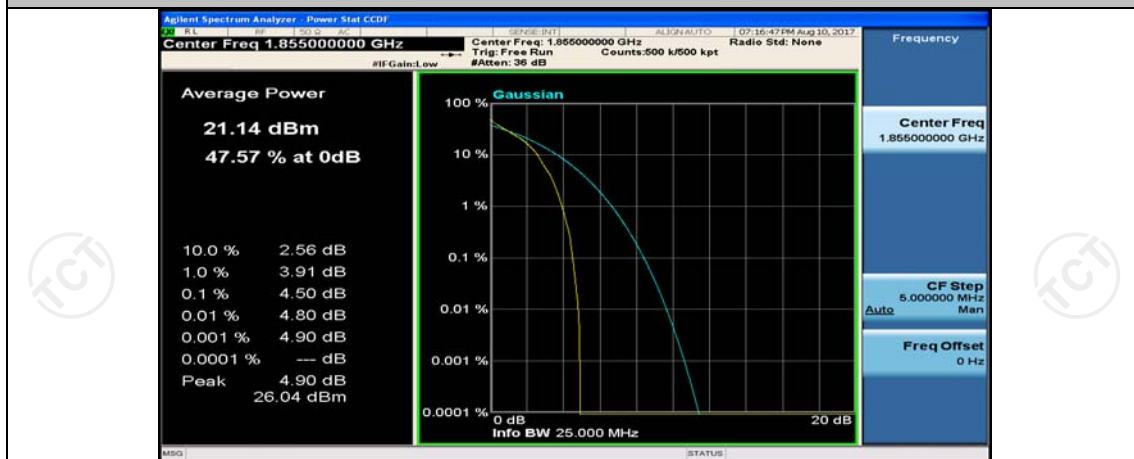
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0



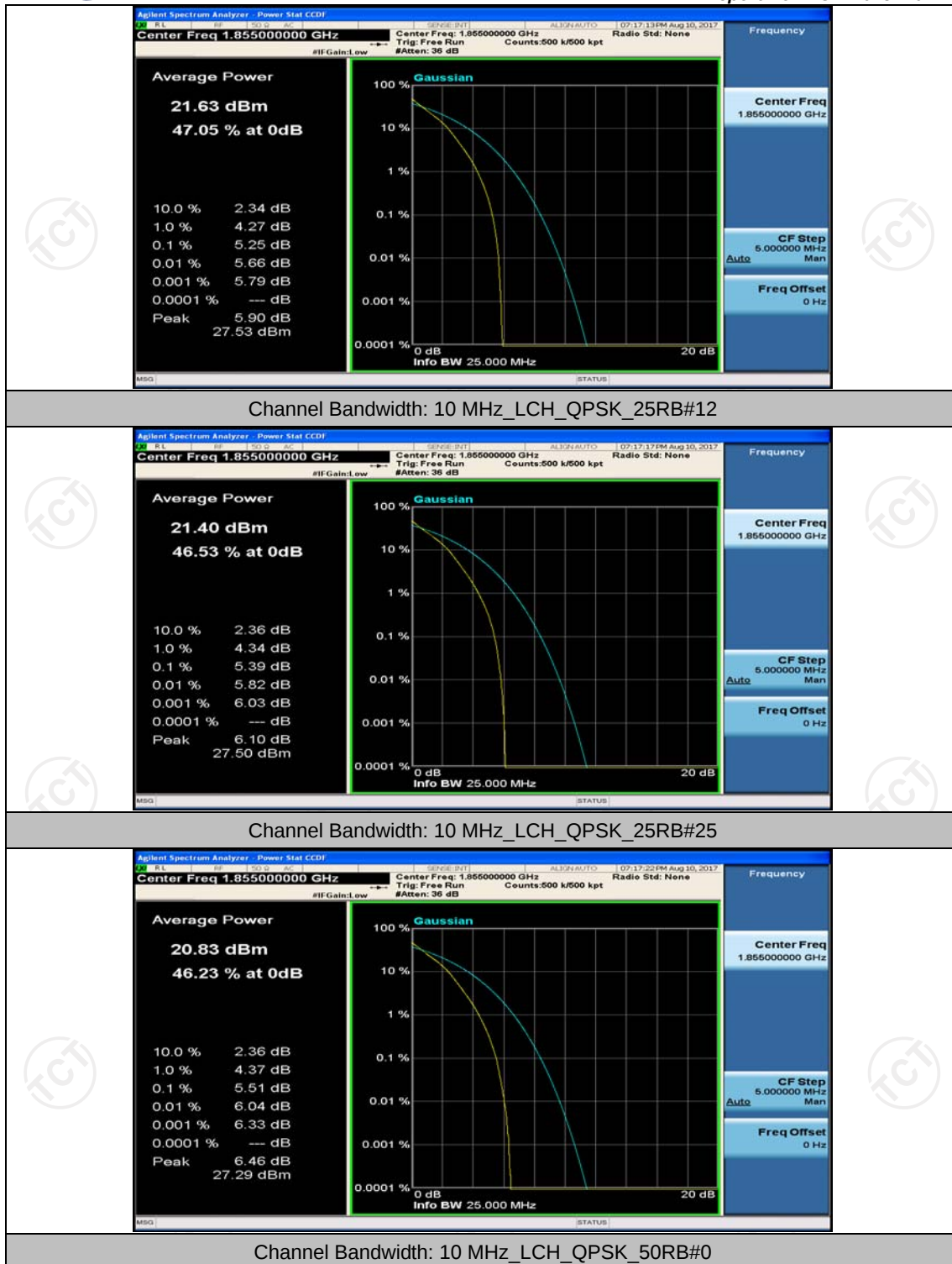
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24

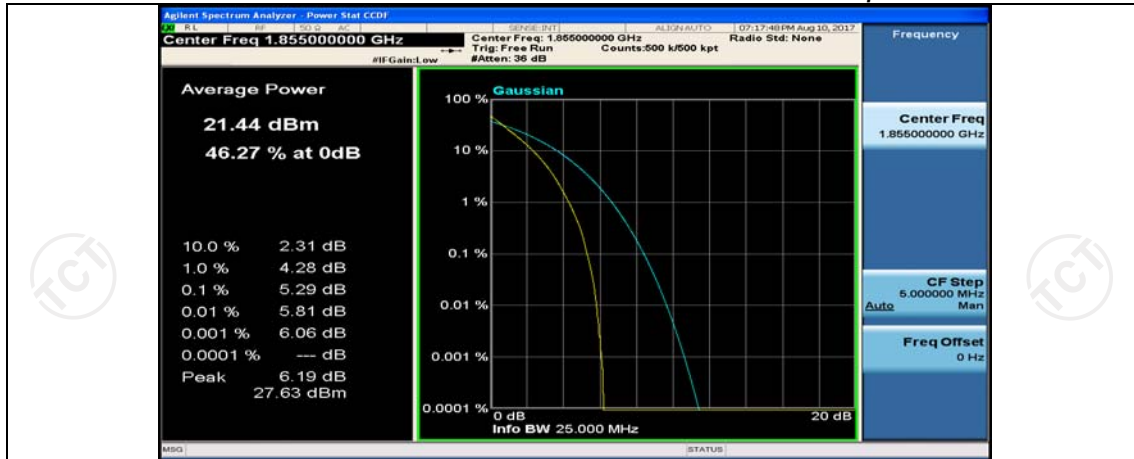


Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49

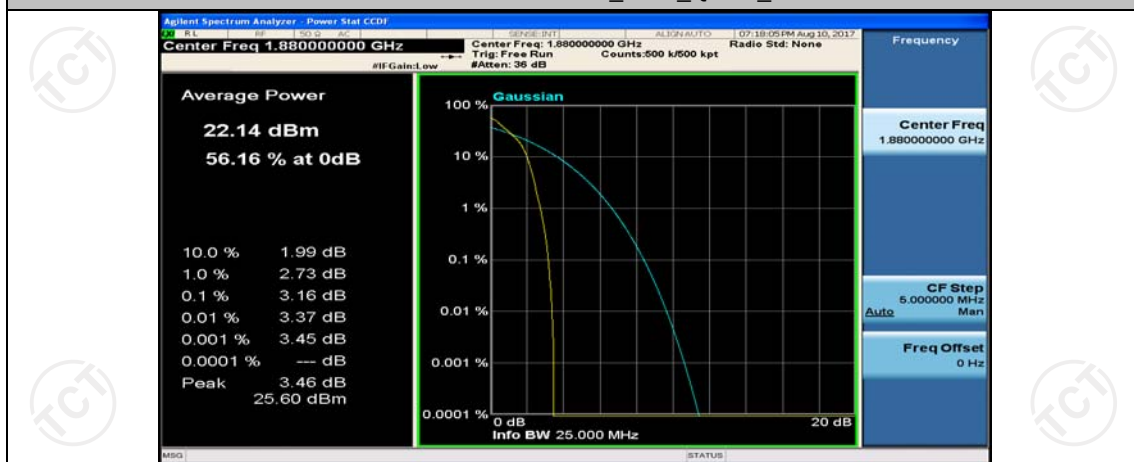


Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0

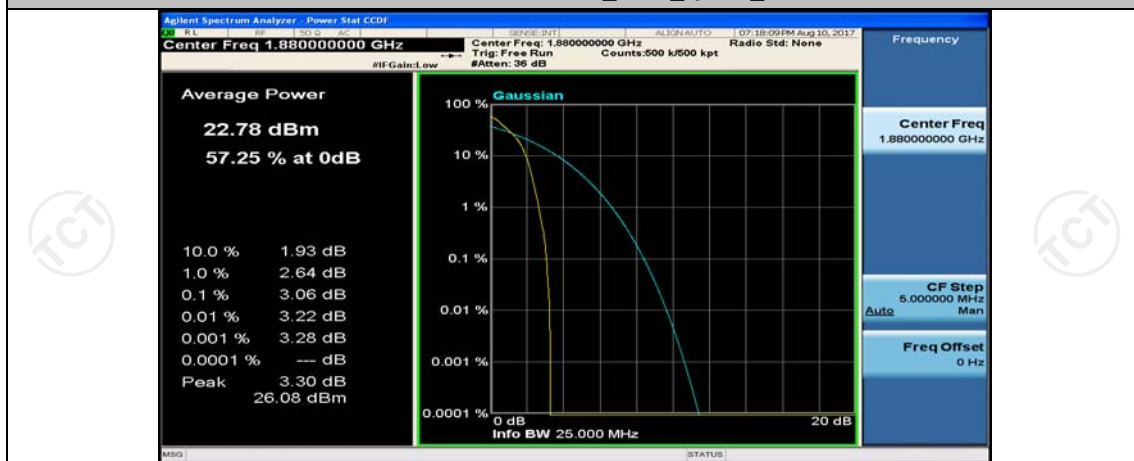




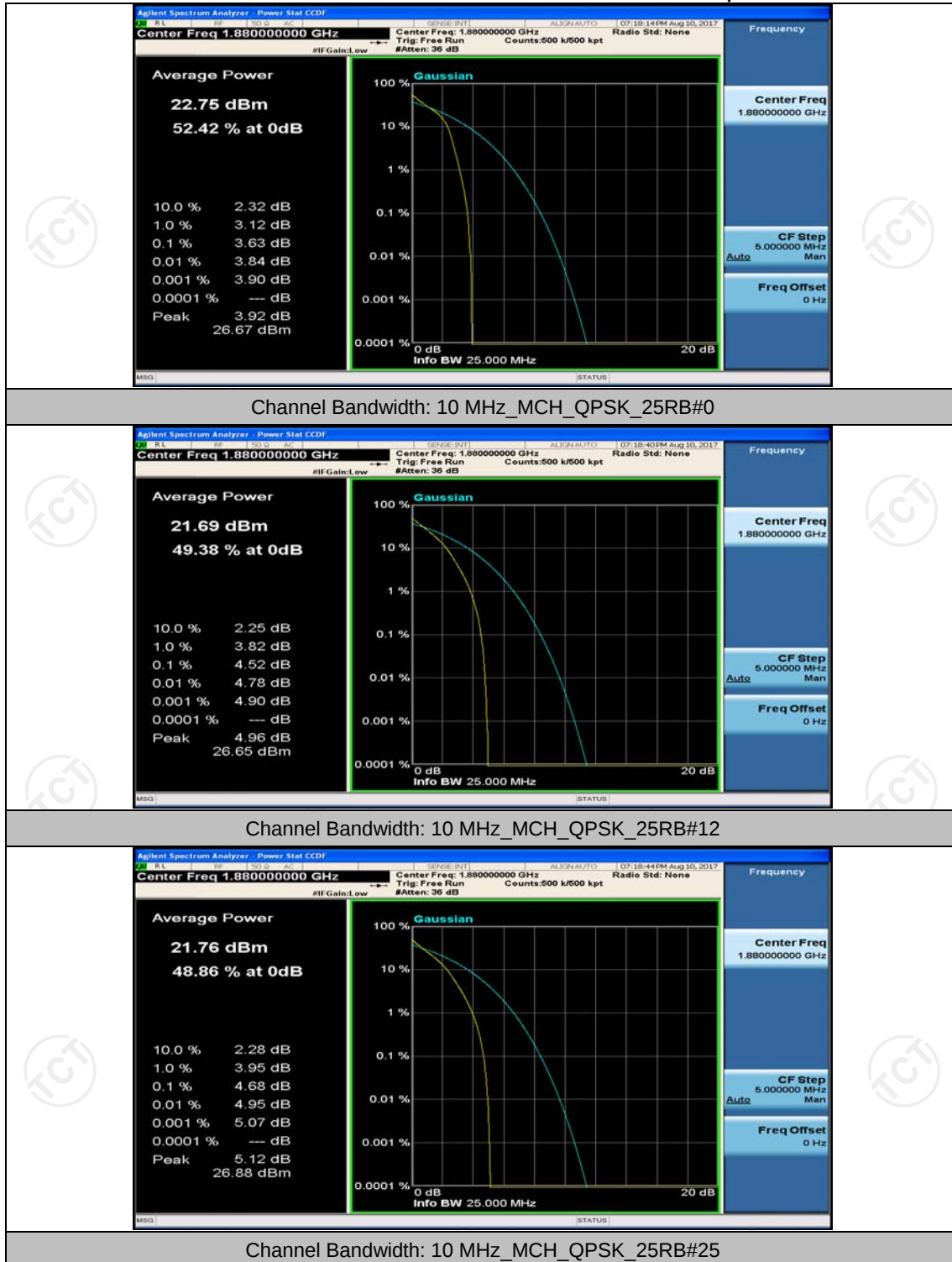
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

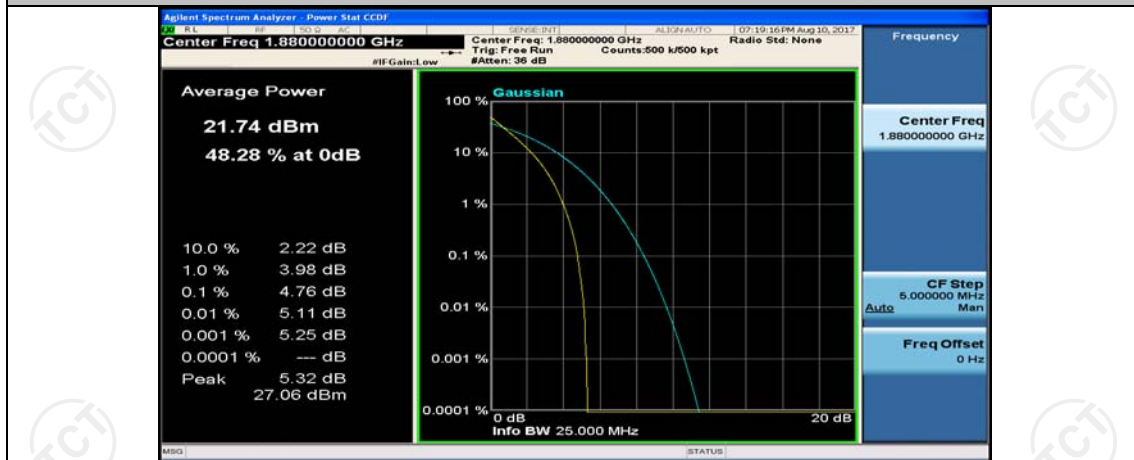


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

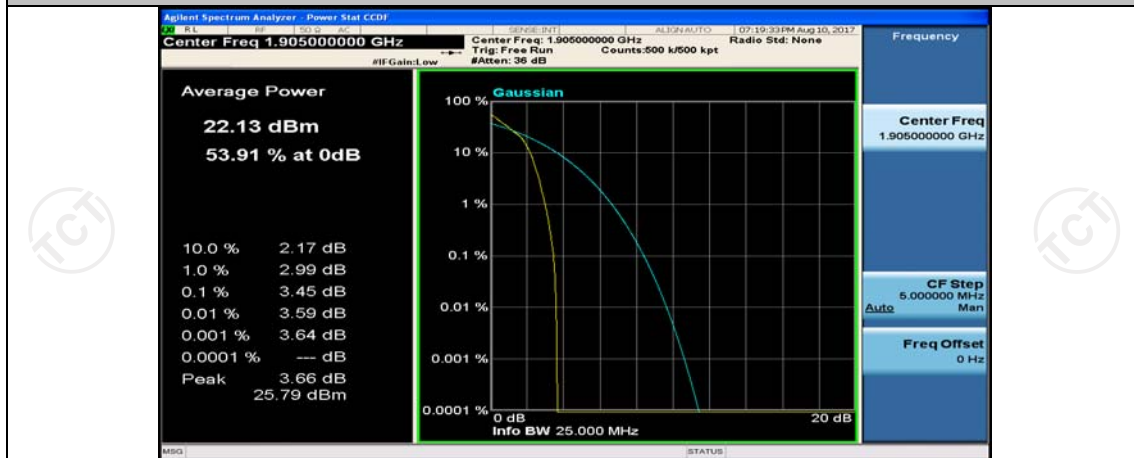




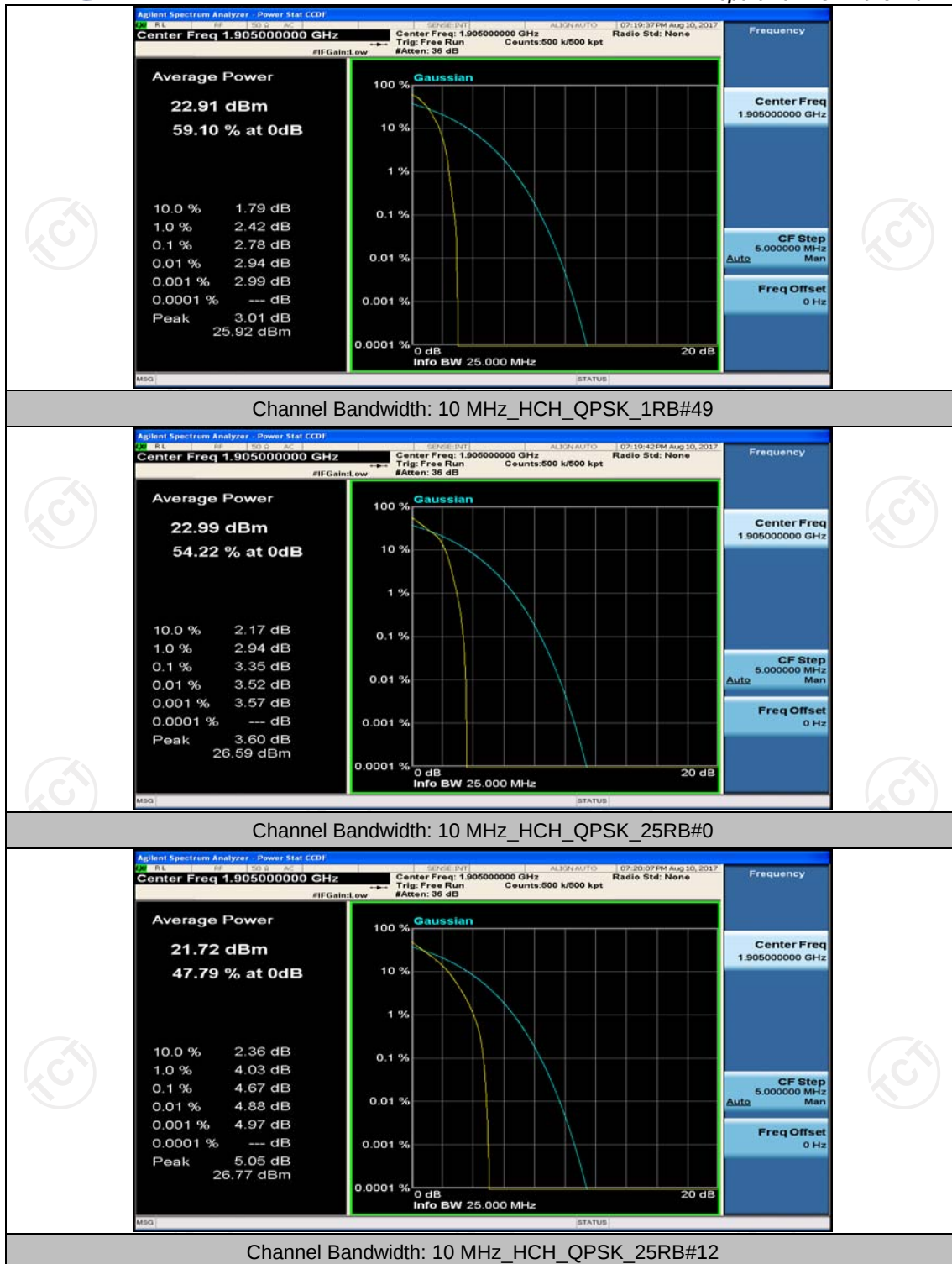
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

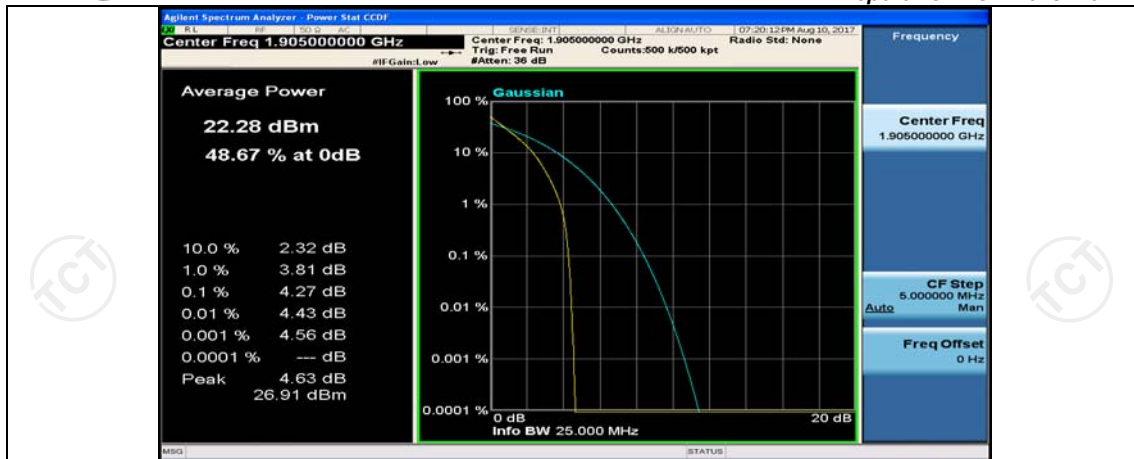


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

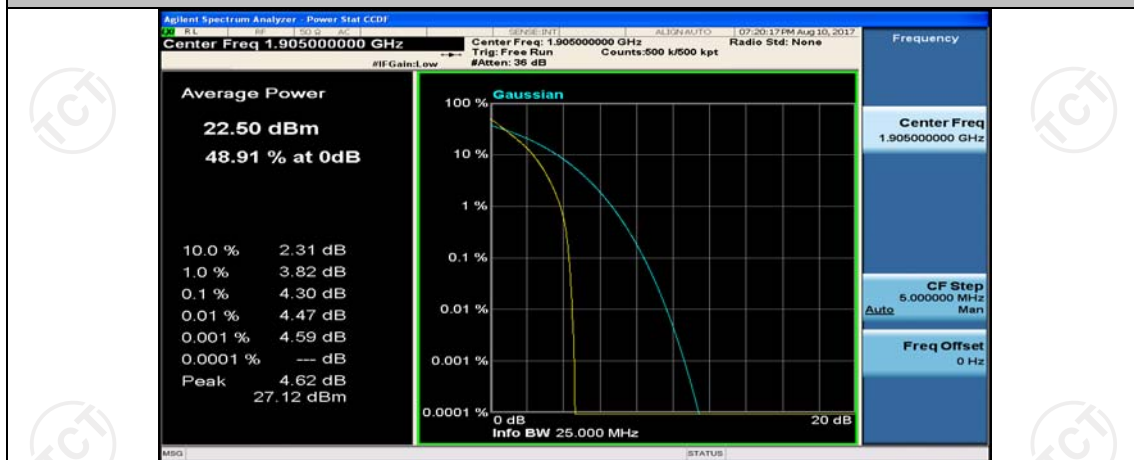


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

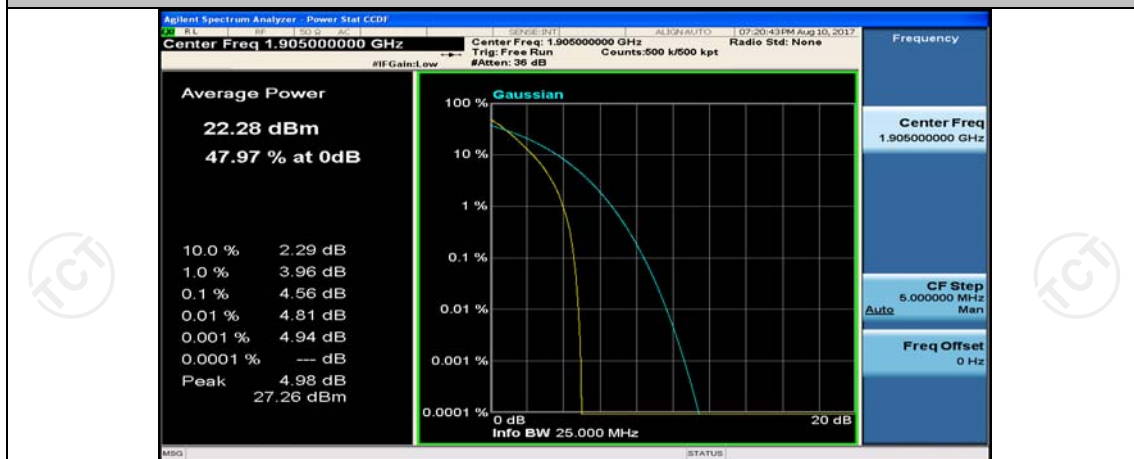




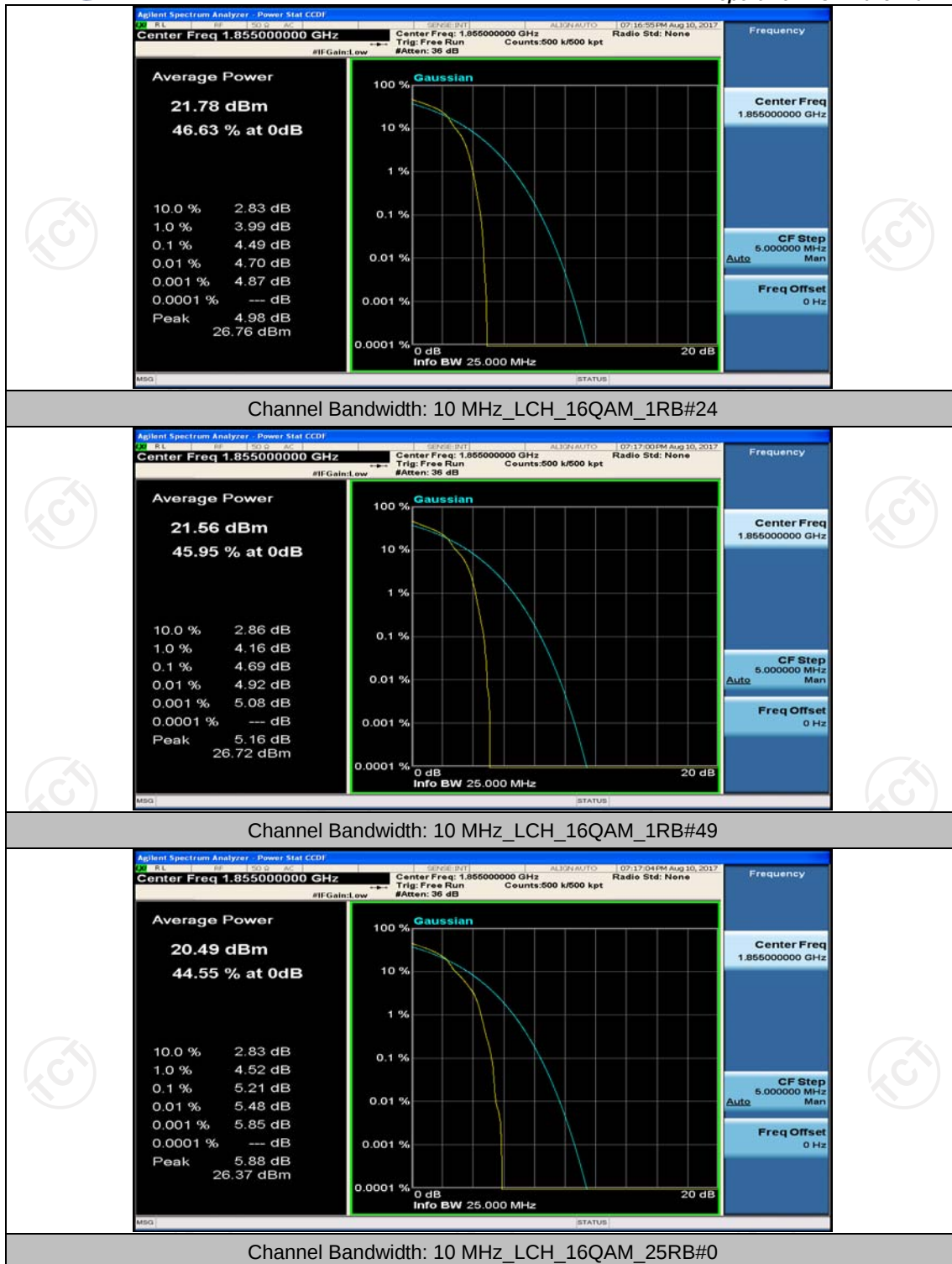
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25

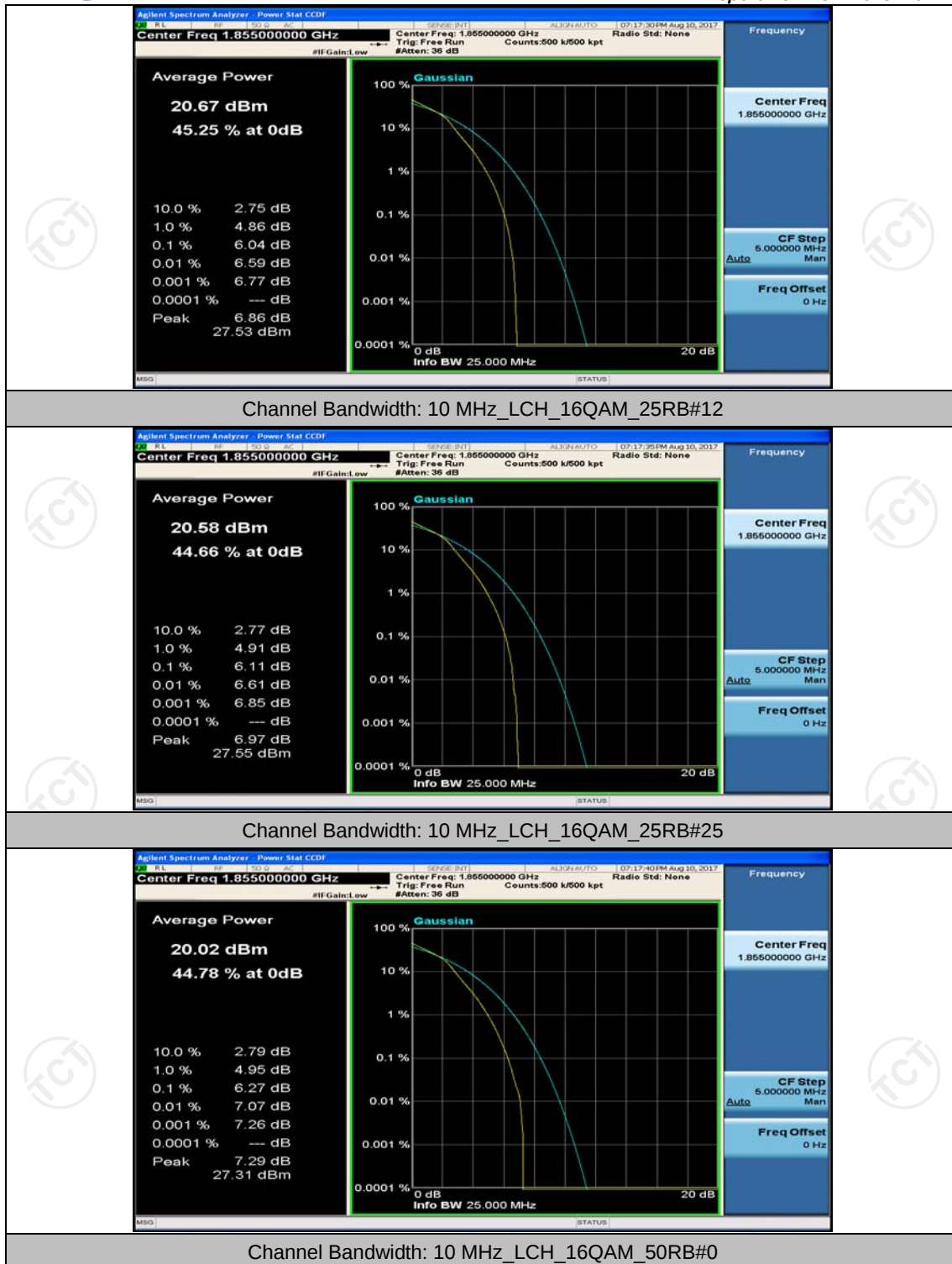


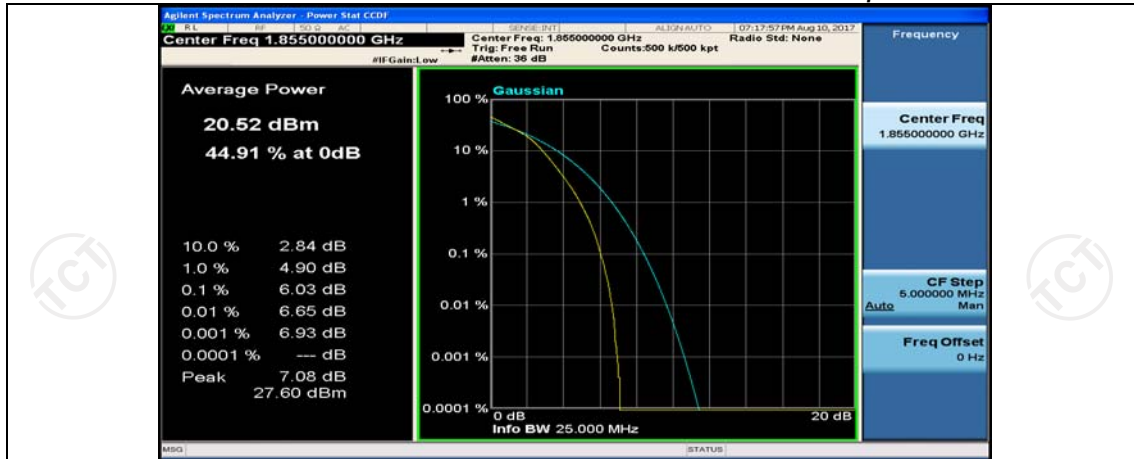
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



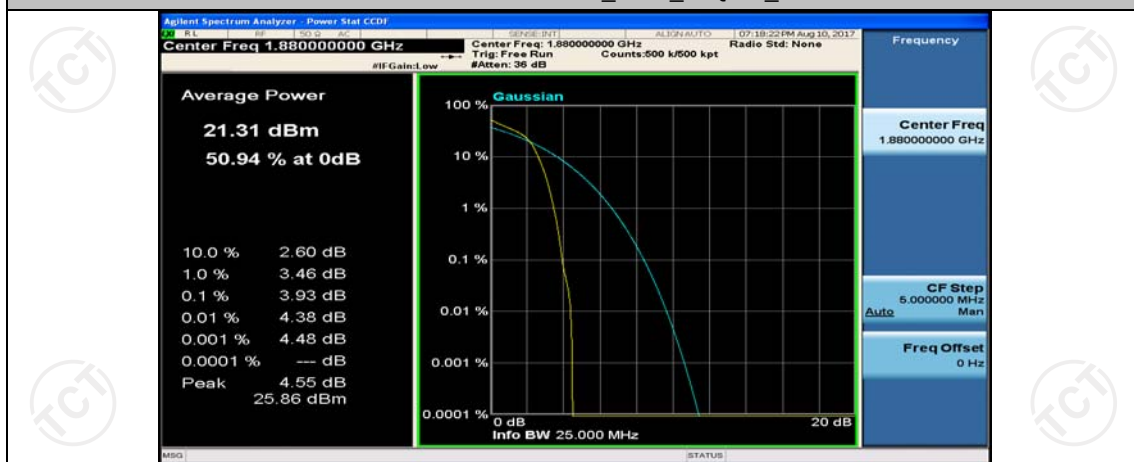
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0







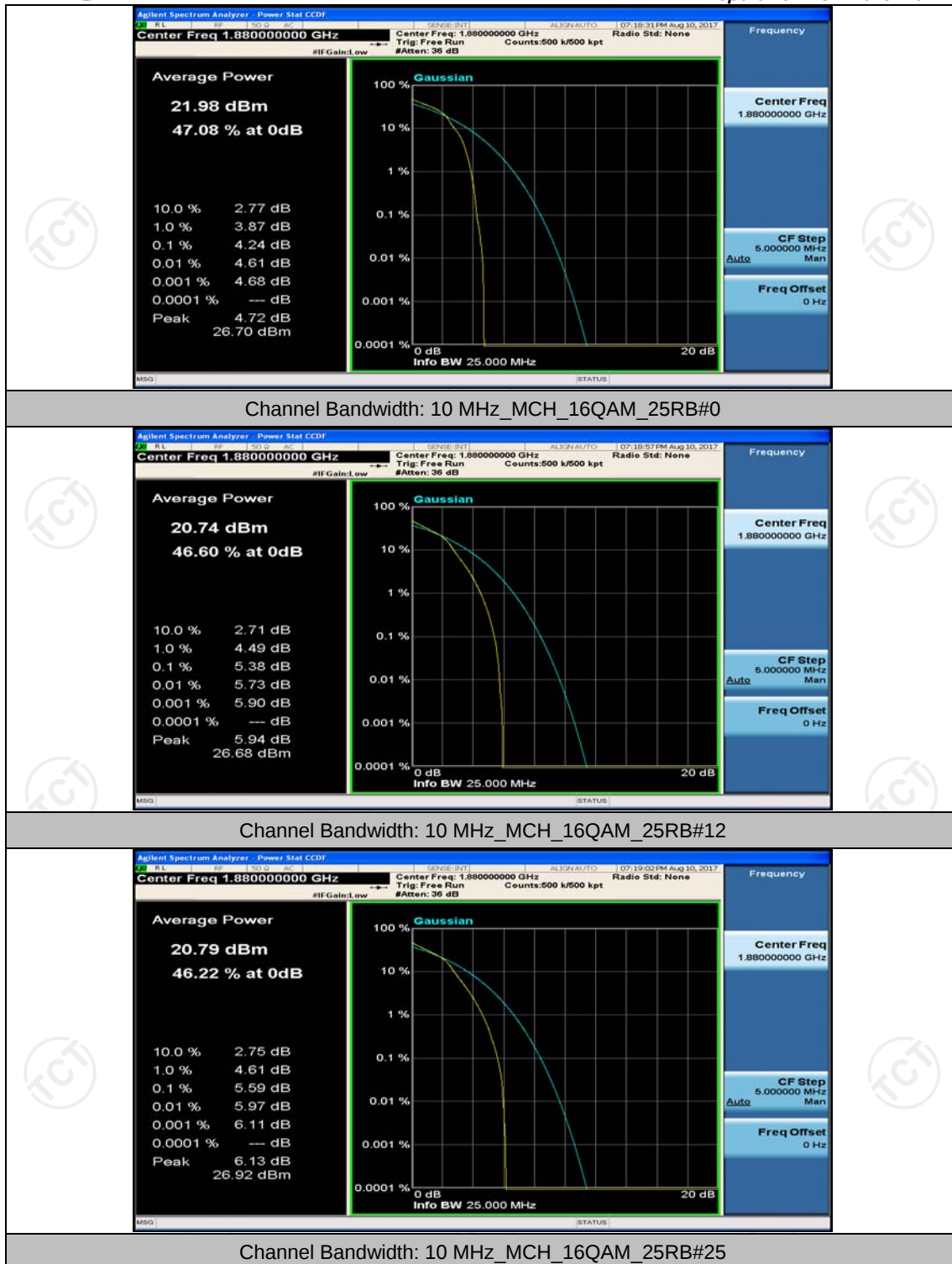
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

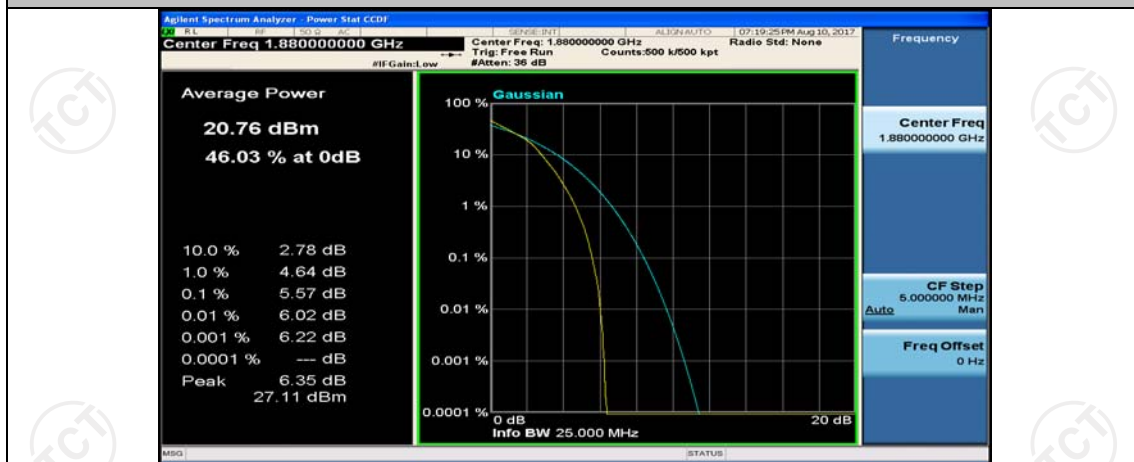


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

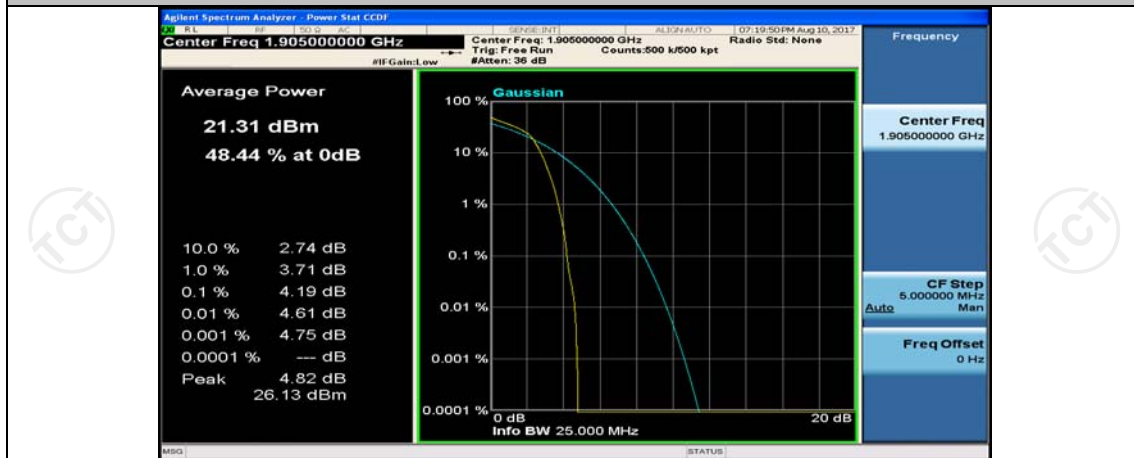




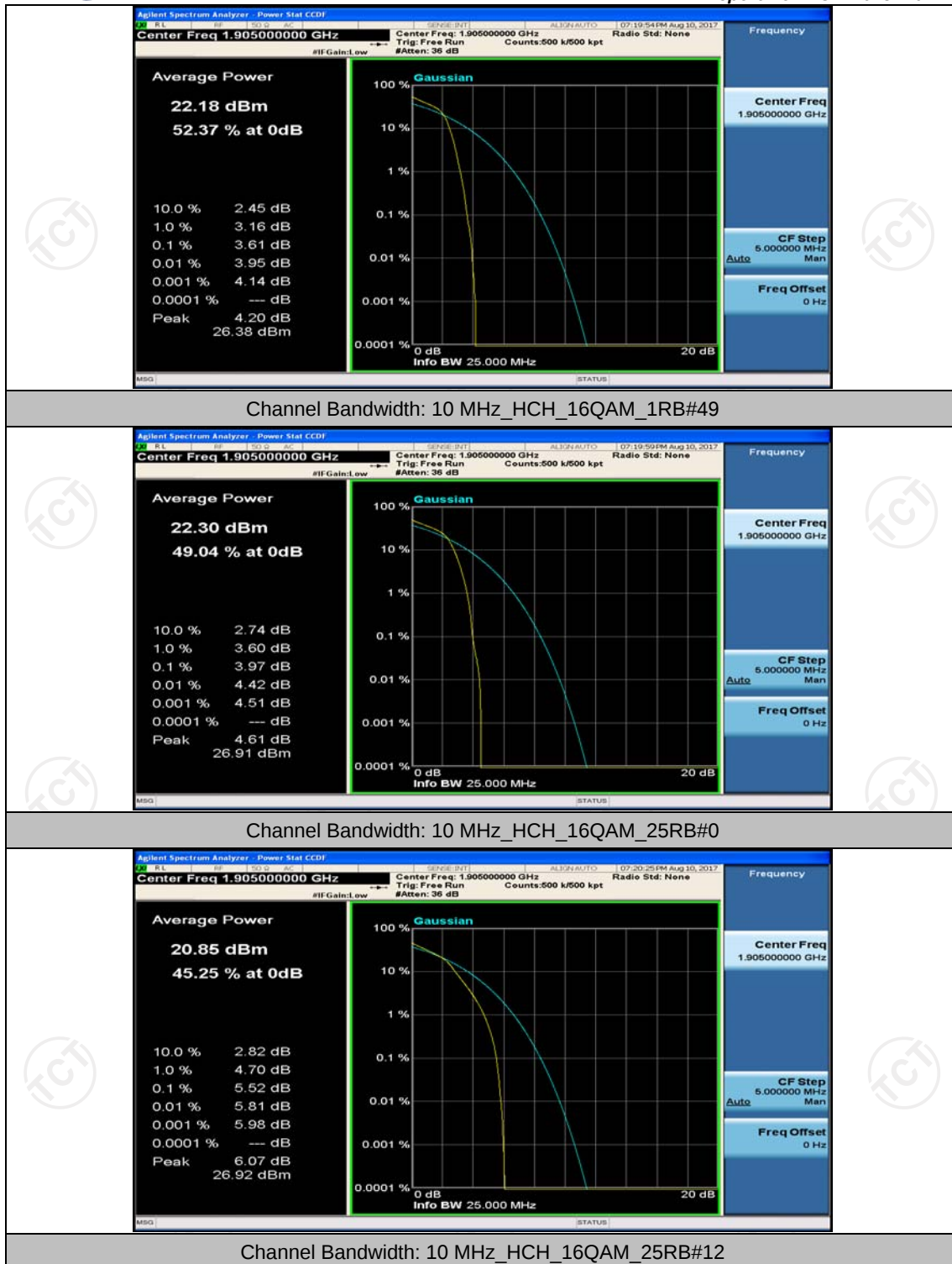
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

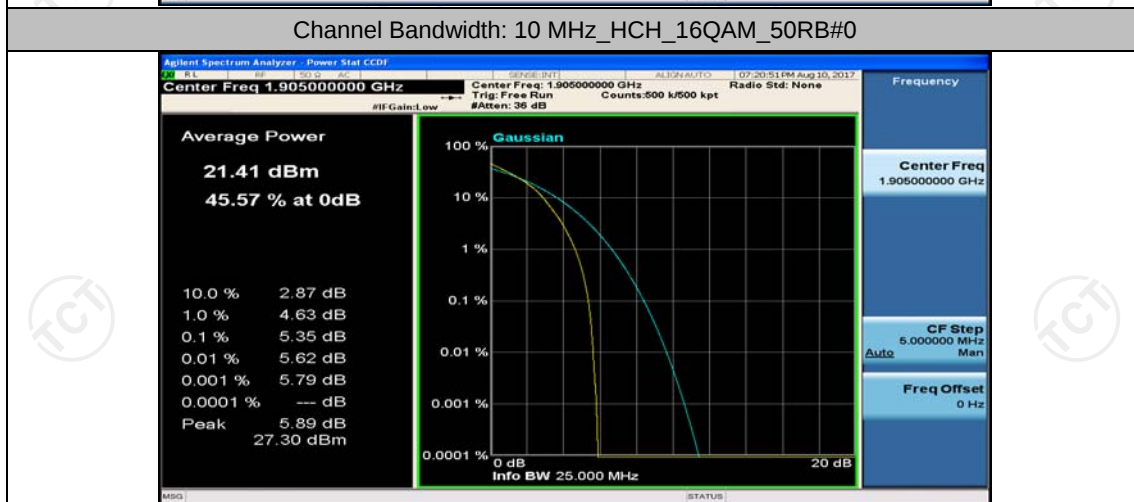
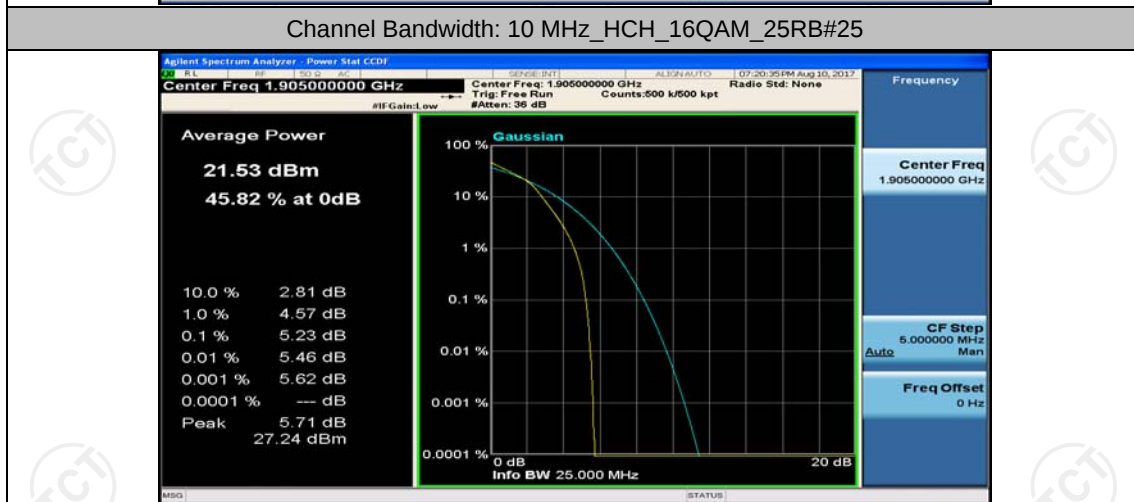


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



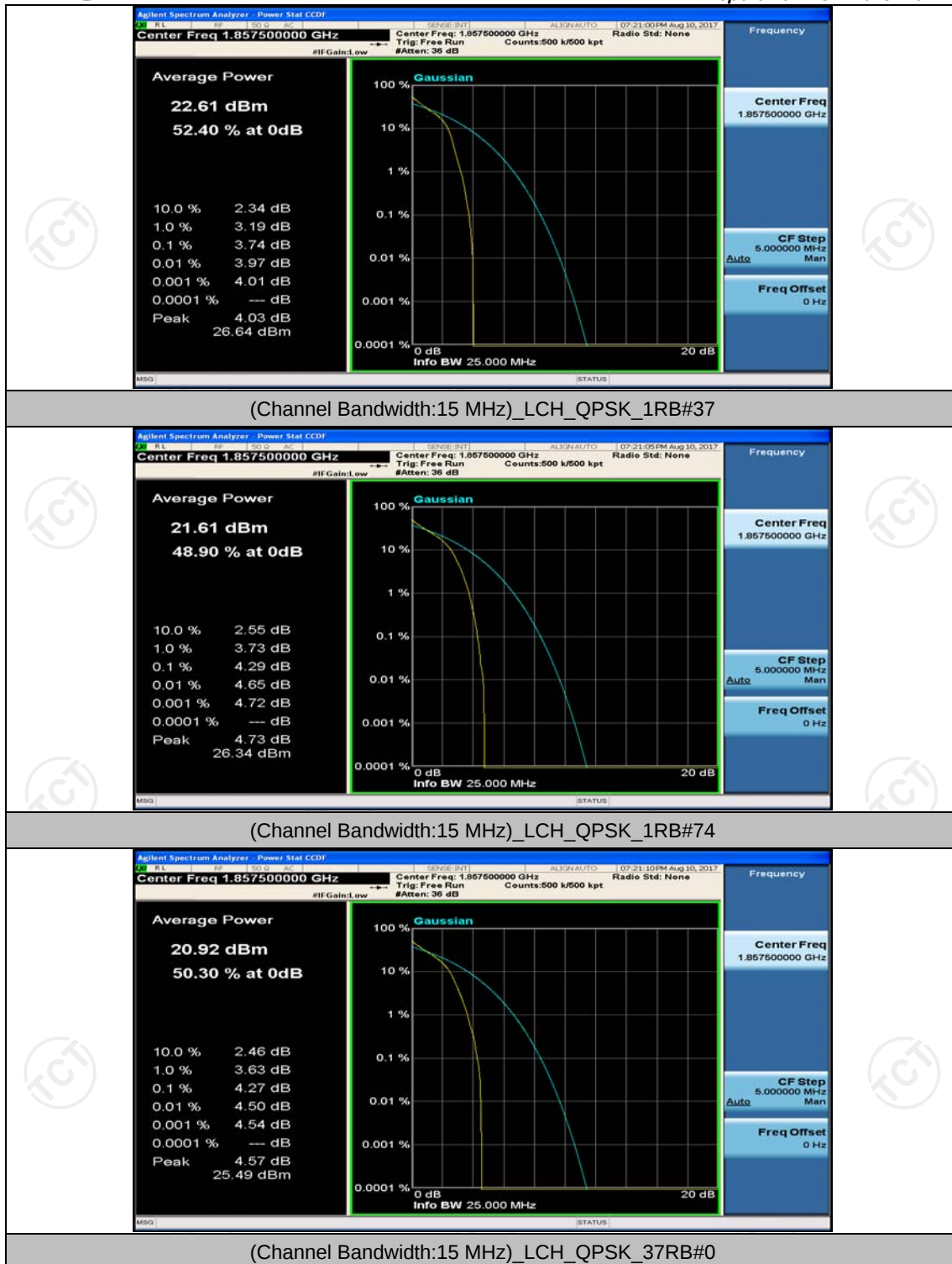
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24





Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0

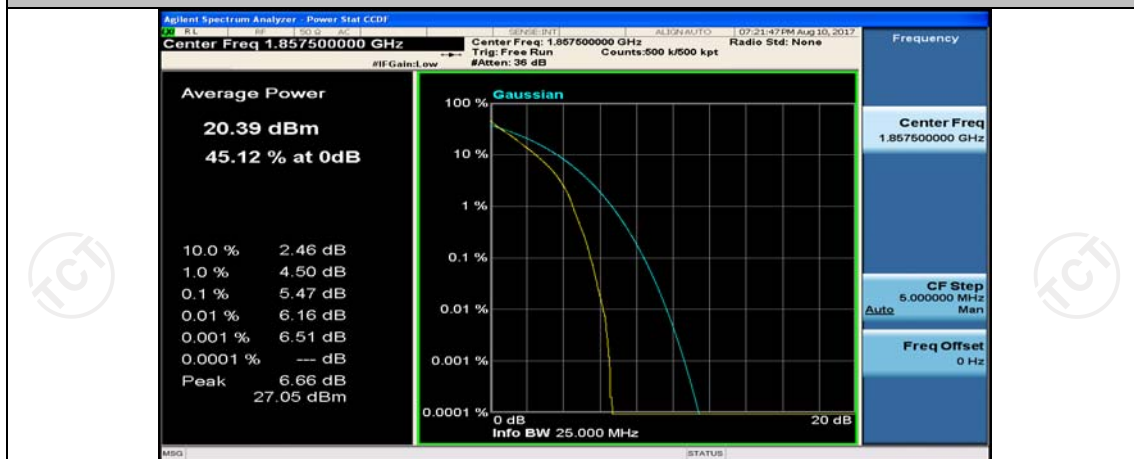




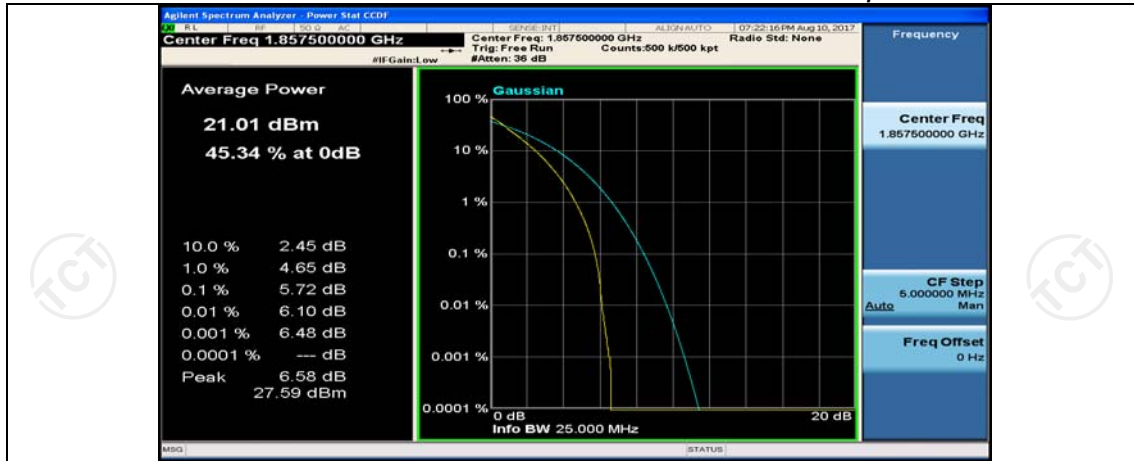
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18



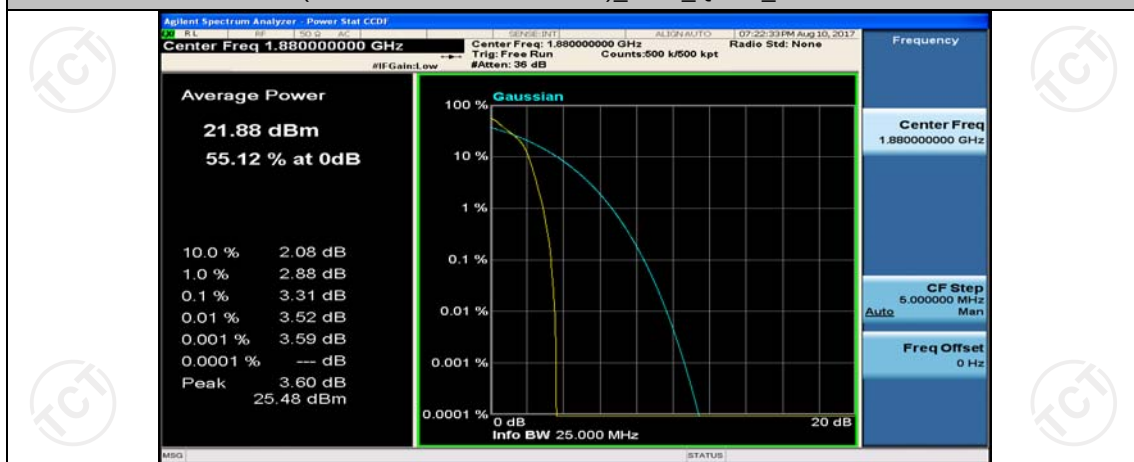
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38



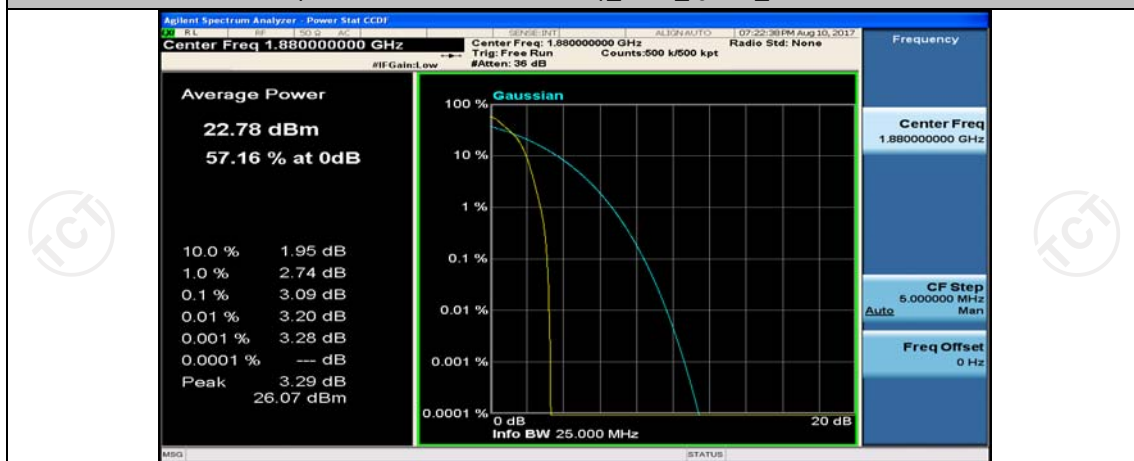
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



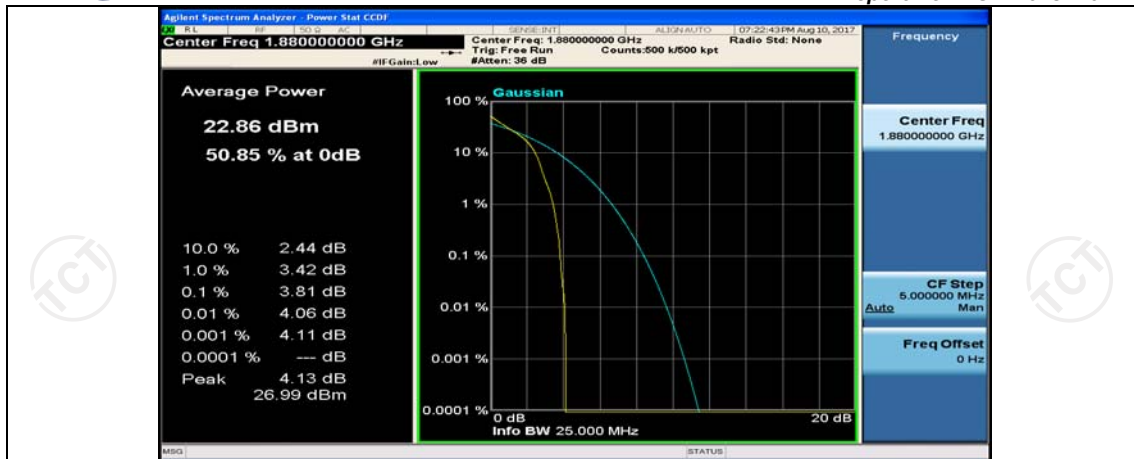
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



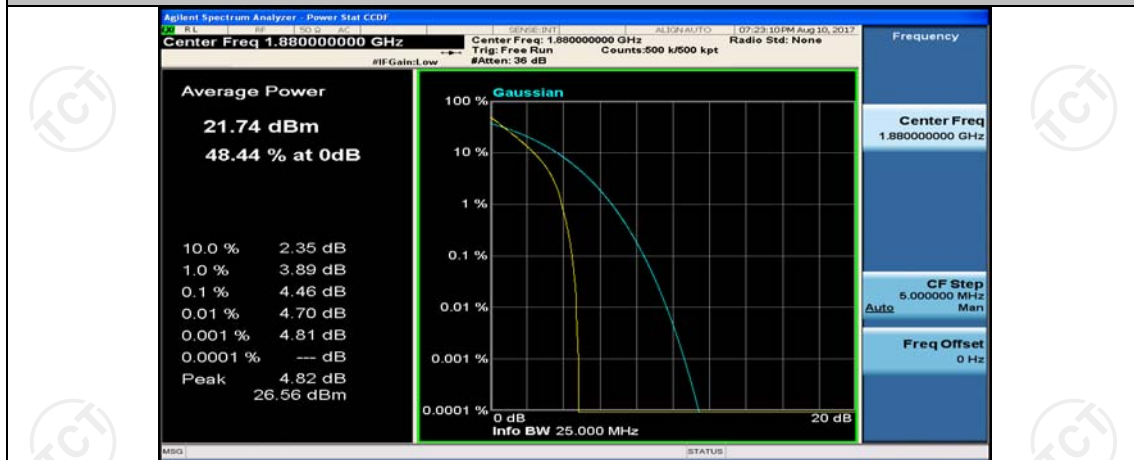
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37



(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74



(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0



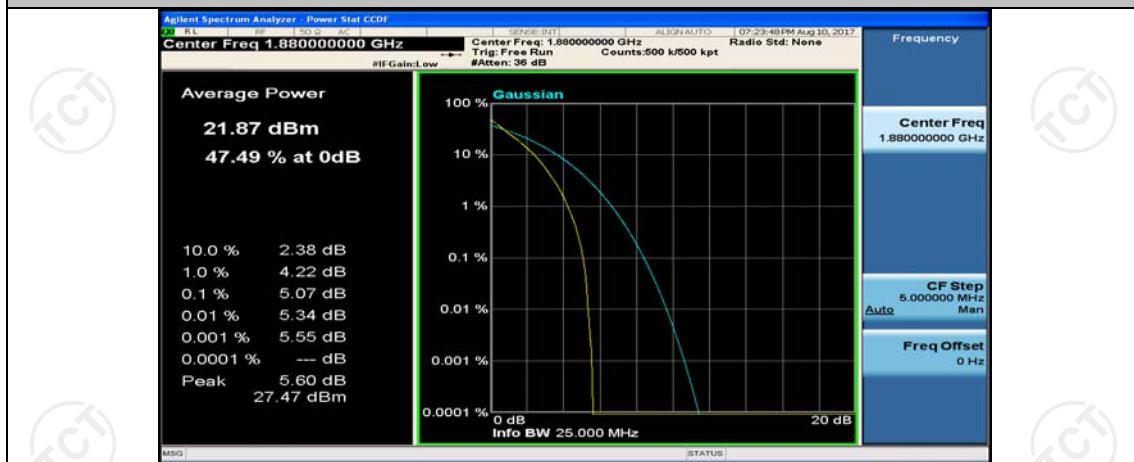
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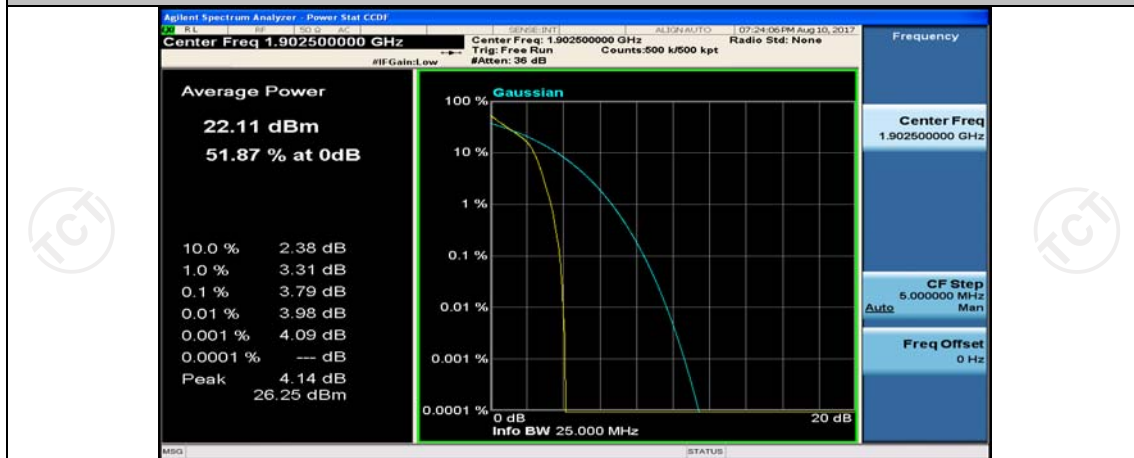
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38



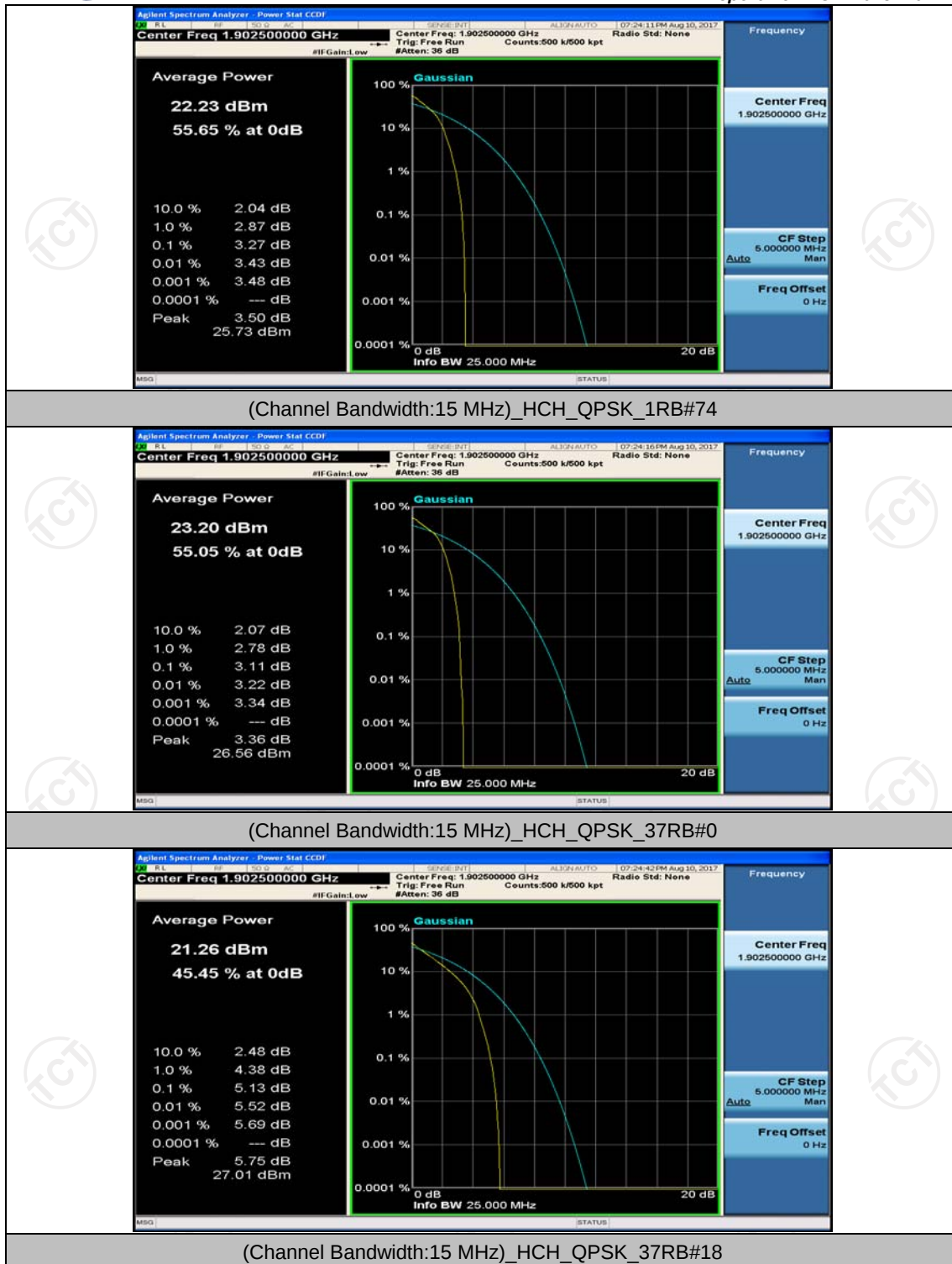
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0

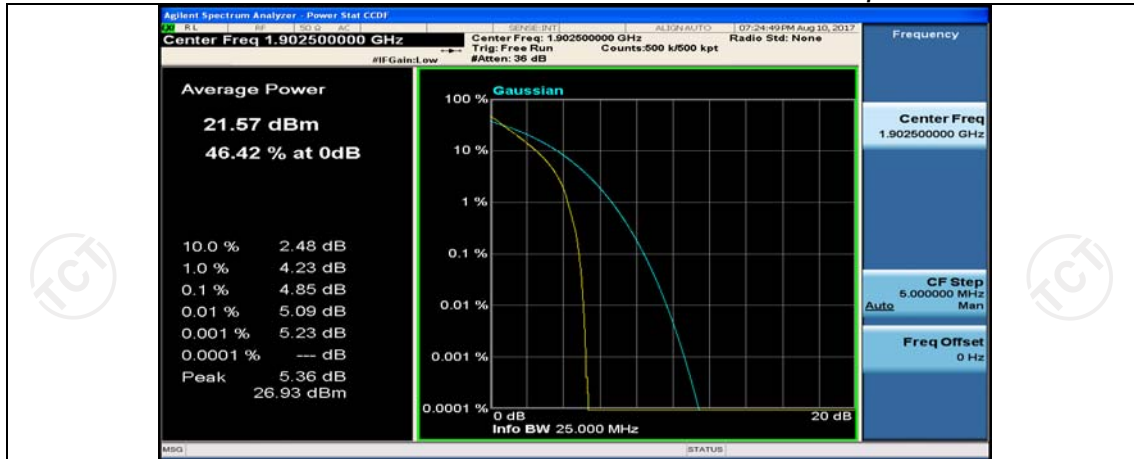


(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0

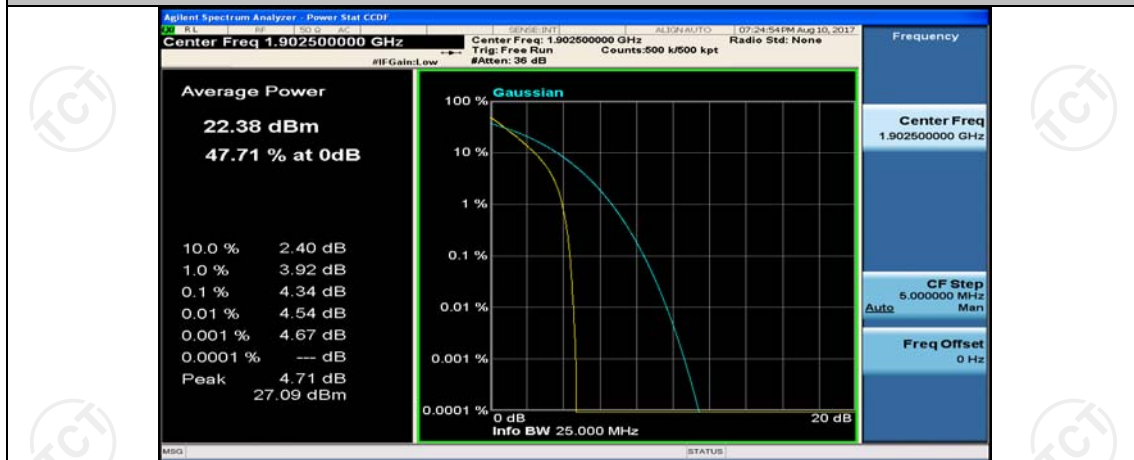


(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37





(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38



(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0