

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	22.83	23.53	PASS
		1	12	23.00	23.70	PASS
		1	24	22.83	23.53	PASS
		12	0	21.94	22.64	PASS
		12	6	21.95	22.65	PASS
		12	13	21.92	22.62	PASS
		25	0	21.95	22.65	PASS
	MCH	1	0	22.88	23.58	PASS
		1	12	23.03	23.73	PASS
		1	24	22.89	23.59	PASS
		12	0	22.02	22.72	PASS
		12	6	21.95	22.65	PASS
		12	13	21.98	22.68	PASS
		25	0	21.97	22.67	PASS
	HCH	1	0	22.95	23.65	PASS
		1	12	23.12	23.82	PASS
		1	24	22.99	23.69	PASS
		12	0	21.99	22.69	PASS
		12	6	21.98	22.68	PASS
		12	13	22.00	22.70	PASS
		25	0	22.00	22.70	PASS
16QAM	LCH	1	0	21.84	22.54	PASS
		1	12	22.01	22.71	PASS
		1	24	21.87	22.57	PASS
		12	0	20.89	21.59	PASS
		12	6	20.76	21.46	PASS
		12	13	20.88	21.58	PASS
		25	0	20.96	21.66	PASS
	MCH	1	0	22.12	22.82	PASS
		1	12	22.25	22.95	PASS
		1	24	22.13	22.83	PASS
		12	0	21.01	21.71	PASS

		12	6	20.98	21.68	PASS
		12	13	20.96	21.66	PASS
		25	0	20.97	21.67	PASS
	HCH	1	0	22.01	22.71	PASS
		1	12	22.12	22.82	PASS
		1	24	21.98	22.68	PASS
		12	0	20.99	21.69	PASS
		12	6	21.01	21.71	PASS
		12	13	21.06	21.76	PASS
		25	0	21.06	21.76	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	22.84	23.54	PASS
		1	24	22.95	23.65	PASS
		1	49	22.87	23.57	PASS
		25	0	21.98	22.68	PASS
		25	12	22.00	22.70	PASS
		25	25	21.94	22.64	PASS
		50	0	21.91	22.61	PASS
	MCH	1	0	22.90	23.60	PASS
		1	24	23.02	23.72	PASS
		1	49	22.92	23.62	PASS
		25	0	22.02	22.72	PASS
		25	12	22.02	22.72	PASS
		25	25	22.03	22.73	PASS
		50	0	21.95	22.65	PASS
	HCH	1	0	23.01	23.71	PASS
		1	24	23.14	23.84	PASS
		1	49	22.95	23.65	PASS
		25	0	22.01	22.71	PASS
		25	12	21.99	22.69	PASS
		25	25	22.15	22.85	PASS
		50	0	22.02	22.72	PASS
16QAM	LCH	1	0	22.04	22.74	PASS
		1	24	22.15	22.85	PASS
		1	49	22.08	22.78	PASS
		25	0	20.98	21.68	PASS
		25	12	20.96	21.66	PASS

		25	25	20.90	21.60	PASS
		50	0	20.89	21.59	PASS
	MCH	1	0	22.09	22.79	PASS
		1	24	22.24	22.94	PASS
		1	49	22.13	22.83	PASS
		25	0	21.07	21.77	PASS
		25	12	21.02	21.72	PASS
		25	25	21.06	21.76	PASS
		50	0	21.02	21.72	PASS
	HCH	1	0	21.96	22.66	PASS
		1	24	22.05	22.75	PASS
		1	49	21.87	22.57	PASS
		25	0	21.02	21.72	PASS
		25	12	21.03	21.73	PASS
		25	25	21.16	21.86	PASS
		50	0	21.05	21.75	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	22.73	23.43	PASS
		1	37	22.89	23.59	PASS
		1	74	22.75	23.45	PASS
		37	0	21.99	22.69	PASS
		37	18	21.99	22.69	PASS
		37	38	22.00	22.70	PASS
		75	0	22.00	22.70	PASS
	MCH	1	0	22.80	23.50	PASS
		1	37	22.97	23.67	PASS
		1	74	22.85	23.55	PASS
		37	0	22.02	22.72	PASS
		37	18	22.04	22.74	PASS
		37	38	22.06	22.76	PASS
		75	0	22.05	22.75	PASS
	HCH	1	0	22.92	23.62	PASS
		1	37	23.04	23.74	PASS
		1	74	22.92	23.62	PASS
		37	0	22.09	22.79	PASS
		37	18	22.10	22.80	PASS
		37	38	22.10	22.80	PASS

		75	0	22.11	22.81	PASS
16QAM	LCH	1	0	21.94	22.64	PASS
		1	37	22.08	22.78	PASS
		1	74	21.98	22.68	PASS
		37	0	22.00	22.70	PASS
		37	18	21.99	22.69	PASS
		37	38	21.99	22.69	PASS
		75	0	20.93	21.63	PASS
		1	0	22.09	22.79	PASS
	MCH	1	37	22.26	22.96	PASS
		1	74	22.08	22.78	PASS
		37	0	22.03	22.73	PASS
		37	18	22.05	22.75	PASS
		37	38	22.04	22.74	PASS
		75	0	21.00	21.70	PASS
		1	0	21.84	22.54	PASS
	HCH	1	37	21.98	22.68	PASS
		1	74	21.86	22.56	PASS
		37	0	22.13	22.83	PASS
		37	18	22.08	22.78	PASS
		37	38	22.09	22.79	PASS
		75	0	21.06	21.76	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	22.66	23.36	PASS
		1	49	23.06	23.76	PASS
		1	99	22.70	23.40	PASS
		50	0	21.95	22.65	PASS
		50	25	21.95	22.65	PASS
		50	50	21.93	22.63	PASS
		100	0	21.94	22.64	PASS
	MCH	1	0	22.65	23.35	PASS
		1	49	23.11	23.81	PASS
		1	99	22.77	23.47	PASS
		50	0	21.84	22.54	PASS
		50	25	21.87	22.57	PASS
		50	50	21.90	22.60	PASS
		100	0	21.89	22.59	PASS

	HCH	1	0	22.67	23.37	PASS
		1	49	23.08	23.78	PASS
		1	99	22.69	23.39	PASS
		50	0	21.91	22.61	PASS
		50	25	21.95	22.65	PASS
		50	50	22.19	22.89	PASS
		100	0	22.10	22.80	PASS
16QAM	LCH	1	0	21.68	22.38	PASS
		1	49	22.02	22.72	PASS
		1	99	21.70	22.40	PASS
		50	0	20.96	21.66	PASS
		50	25	20.97	21.67	PASS
		50	50	20.94	21.64	PASS
		100	0	20.97	21.67	PASS
	MCH	1	0	21.91	22.61	PASS
		1	49	22.30	23.00	PASS
		1	99	21.92	22.62	PASS
		50	0	20.85	21.55	PASS
		50	25	20.86	21.56	PASS
		50	50	20.89	21.59	PASS
		100	0	20.84	21.54	PASS
	HCH	1	0	21.79	22.49	PASS
		1	49	22.15	22.85	PASS
		1	99	21.80	22.50	PASS
		50	0	21.01	21.71	PASS
		50	25	21.03	21.73	PASS
		50	50	21.26	21.96	PASS
		100	0	21.12	21.82	PASS

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	3.91	<13	PASS
		1	12	3.86	<13	PASS
		1	24	4.05	<13	PASS
		12	0	4.58	<13	PASS
		12	6	4.58	<13	PASS
		12	13	4.65	<13	PASS
		25	0	4.7	<13	PASS
	MCH	1	0	4.44	<13	PASS
		1	12	4.08	<13	PASS
		1	24	4.16	<13	PASS
		12	0	4.9	<13	PASS
		12	6	4.93	<13	PASS
		12	13	4.85	<13	PASS
		25	0	4.97	<13	PASS
	HCH	1	0	4.19	<13	PASS
		1	12	3.56	<13	PASS
		1	24	3.24	<13	PASS
		12	0	4.92	<13	PASS
		12	6	4.9	<13	PASS
		12	13	4.43	<13	PASS
		25	0	4.68	<13	PASS
16QAM	LCH	1	0	4.61	<13	PASS
		1	12	4.61	<13	PASS
		1	24	4.82	<13	PASS
		12	0	5.53	<13	PASS
		12	6	5.51	<13	PASS
		12	13	5.59	<13	PASS
		25	0	5.5	<13	PASS
	MCH	1	0	5.03	<13	PASS
		1	12	4.92	<13	PASS

		1	24	4.98	<13	PASS
		12	0	5.79	<13	PASS
		12	6	5.82	<13	PASS
		12	13	5.71	<13	PASS
		25	0	5.79	<13	PASS
	HCH	1	0	4.89	<13	PASS
		1	12	4.4	<13	PASS
		1	24	4.14	<13	PASS
		12	0	5.88	<13	PASS
		12	6	5.82	<13	PASS
		12	13	5.48	<13	PASS
		25	0	5.67	<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	3.73	<13	PASS
		1	24	3.74	<13	PASS
		1	49	4.26	<13	PASS
		25	0	4.62	<13	PASS
		25	12	4.63	<13	PASS
		25	25	4.86	<13	PASS
		50	0	4.83	<13	PASS
	MCH	1	0	4.41	<13	PASS
		1	24	3.95	<13	PASS
		1	49	3.96	<13	PASS
		25	0	5.03	<13	PASS
		25	12	5.03	<13	PASS
		25	25	4.81	<13	PASS
		50	0	4.98	<13	PASS
	HCH	1	0	4.42	<13	PASS
		1	24	3.97	<13	PASS
		1	49	3.13	<13	PASS
		25	0	5.27	<13	PASS
		25	12	5.25	<13	PASS
		25	25	4.71	<13	PASS
		50	0	5.04	<13	PASS
16QAM	LCH	1	0	4.52	<13	PASS
		1	24	4.66	<13	PASS
		1	49	5.16	<13	PASS

		25	0	5.54	<13	PASS
		25	12	5.52	<13	PASS
		25	25	5.77	<13	PASS
		50	0	5.68	<13	PASS
	MCH	1	0	5.22	<13	PASS
		1	24	4.86	<13	PASS
		1	49	4.82	<13	PASS
		25	0	5.93	<13	PASS
		25	12	5.94	<13	PASS
		25	25	5.68	<13	PASS
		50	0	5.84	<13	PASS
		1	0	5.17	<13	PASS
	HCH	1	24	4.77	<13	PASS
		1	49	4.32	<13	PASS
		25	0	6.13	<13	PASS
		25	12	6.11	<13	PASS
		25	25	5.69	<13	PASS
		50	0	5.87	<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	3.78	<13	PASS
		1	37	4.03	<13	PASS
		1	74	4.58	<13	PASS
		37	0	5.31	<13	PASS
		37	18	5.32	<13	PASS
		37	38	5.33	<13	PASS
		75	0	5.32	<13	PASS
	MCH	1	0	4.59	<13	PASS
		1	37	4.05	<13	PASS
		1	74	3.95	<13	PASS
		37	0	5.25	<13	PASS
		37	18	5.29	<13	PASS
		37	38	5.31	<13	PASS
		75	0	5.33	<13	PASS
	HCH	1	0	4.45	<13	PASS
		1	37	4.3	<13	PASS
		1	74	3.28	<13	PASS
		37	0	5.38	<13	PASS

16QAM		37	18	5.38	<13	PASS
		37	38	5.37	<13	PASS
		75	0	5.37	<13	PASS
	LCH	1	0	4.58	<13	PASS
		1	37	4.93	<13	PASS
		1	74	5.41	<13	PASS
		37	0	5.32	<13	PASS
		37	18	5.31	<13	PASS
		37	38	5.32	<13	PASS
		75	0	6	<13	PASS
	MCH	1	0	5.51	<13	PASS
		1	37	4.91	<13	PASS
		1	74	4.72	<13	PASS
		37	0	5.29	<13	PASS
		37	18	5.27	<13	PASS
		37	38	5.3	<13	PASS
		75	0	5.99	<13	PASS
	HCH	1	0	5.15	<13	PASS
		1	37	5.16	<13	PASS
		1	74	4.27	<13	PASS
		37	0	5.35	<13	PASS
		37	18	5.37	<13	PASS
		37	38	5.37	<13	PASS
		75	0	6.09	<13	PASS

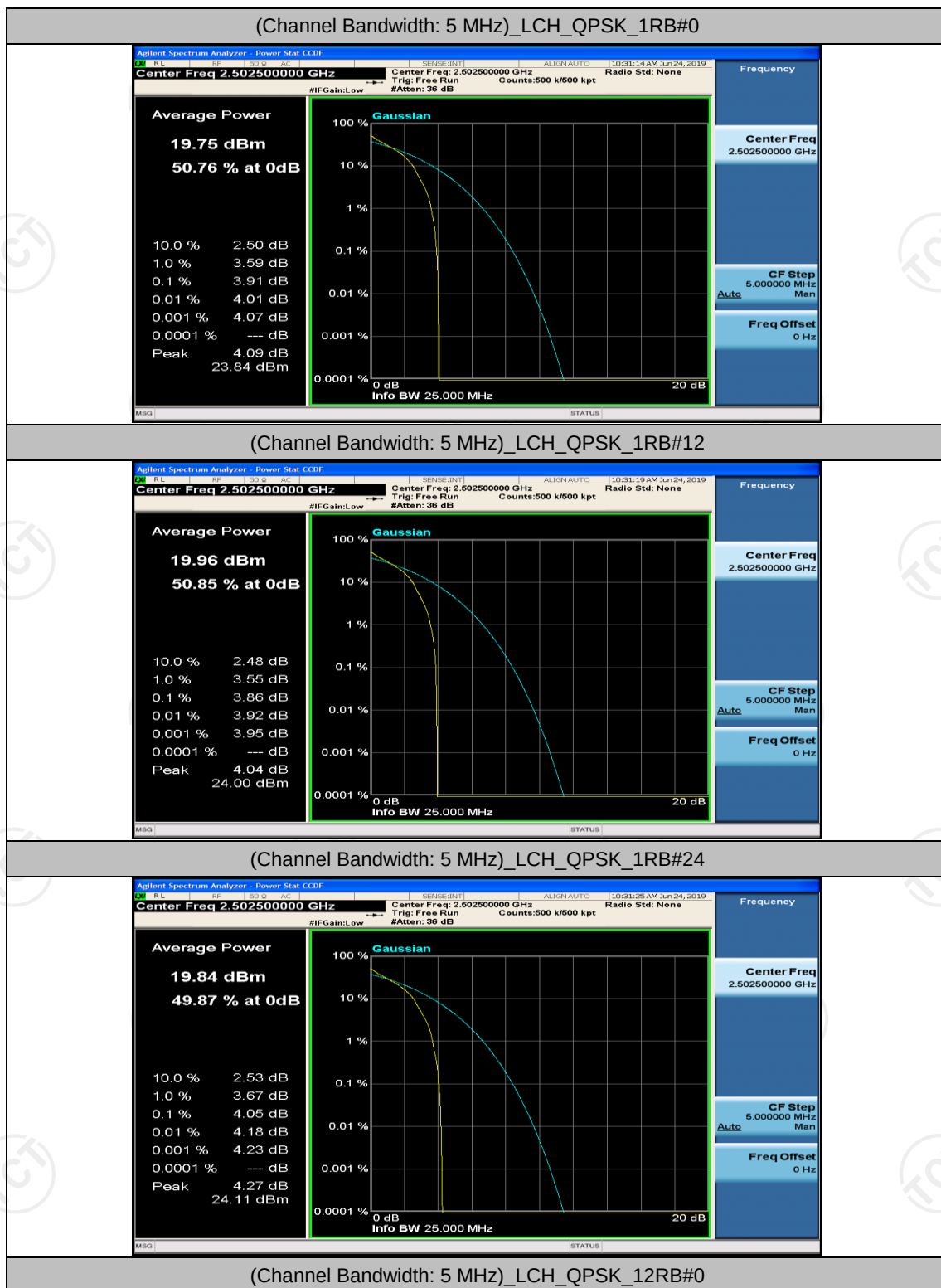
Channel Bandwidth: 20 MHz

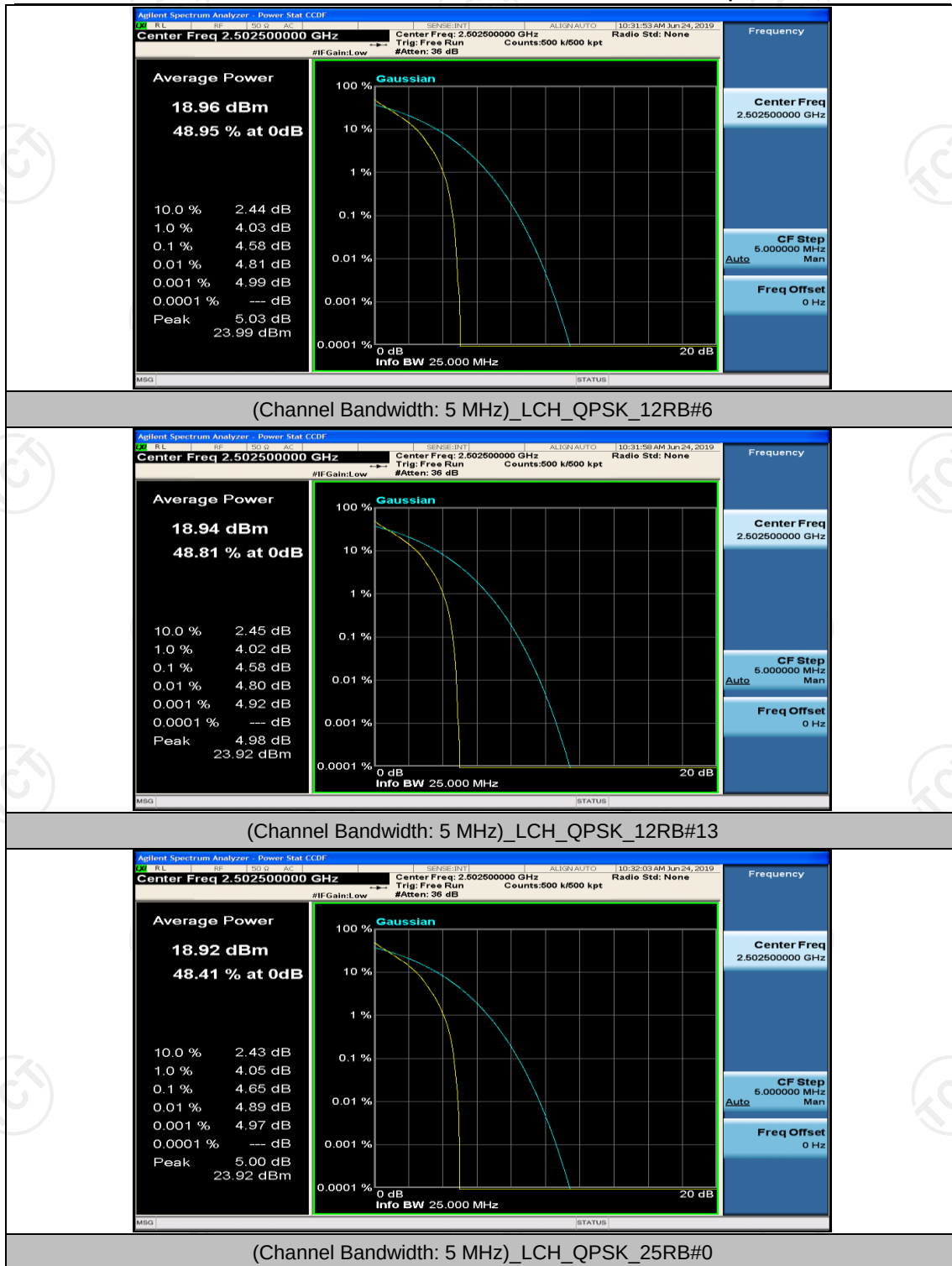
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.91	<13	PASS
		1	49	4.04	<13	PASS
		1	99	4.84	<13	PASS
		50	0	4.87	<13	PASS
		50	25	4.89	<13	PASS
		50	50	5.31	<13	PASS
		100	0	5.35	<13	PASS
	MCH	1	0	4.82	<13	PASS
		1	49	3.91	<13	PASS
		1	99	3.95	<13	PASS
		50	0	5.17	<13	PASS
		50	25	5.23	<13	PASS

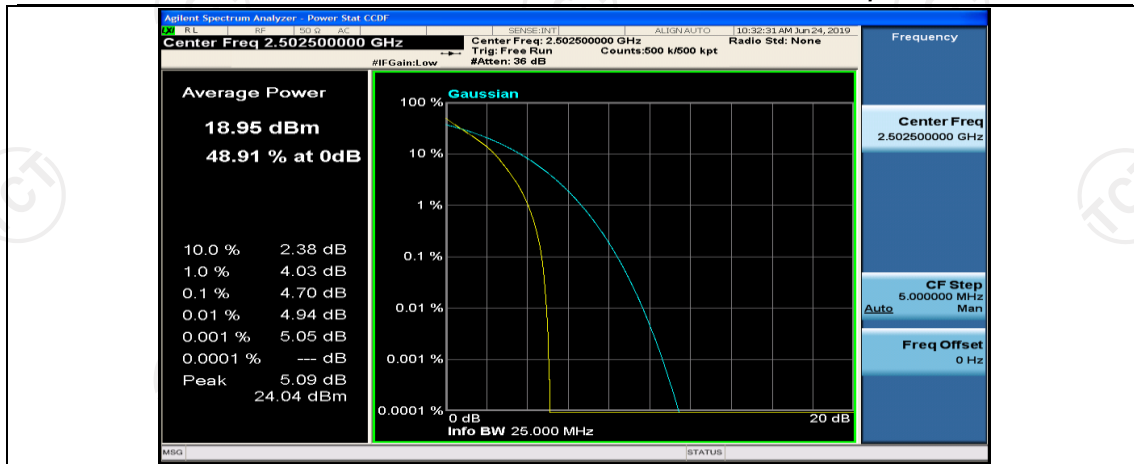
		50	50	4.92	<13	PASS
		100	0	5.24	<13	PASS
	HCH	1	0	4.33	<13	PASS
		1	49	4.37	<13	PASS
		1	99	3.59	<13	PASS
		50	0	5.17	<13	PASS
		50	25	5.23	<13	PASS
		50	50	5.02	<13	PASS
		100	0	5.34	<13	PASS
16QAM	LCH	1	0	4.69	<13	PASS
		1	49	4.92	<13	PASS
		1	99	5.49	<13	PASS
		50	0	5.67	<13	PASS
		50	25	5.7	<13	PASS
		50	50	6.11	<13	PASS
		100	0	6.13	<13	PASS
	MCH	1	0	5.48	<13	PASS
		1	49	4.78	<13	PASS
		1	99	4.73	<13	PASS
		50	0	6.05	<13	PASS
		50	25	6.08	<13	PASS
		50	50	5.73	<13	PASS
		100	0	6.05	<13	PASS
	HCH	1	0	5.2	<13	PASS
		1	49	5.42	<13	PASS
		1	99	4.81	<13	PASS
		50	0	6.07	<13	PASS
		50	25	6.08	<13	PASS
		50	50	5.94	<13	PASS
		100	0	6.12	<13	PASS

Test Graphs

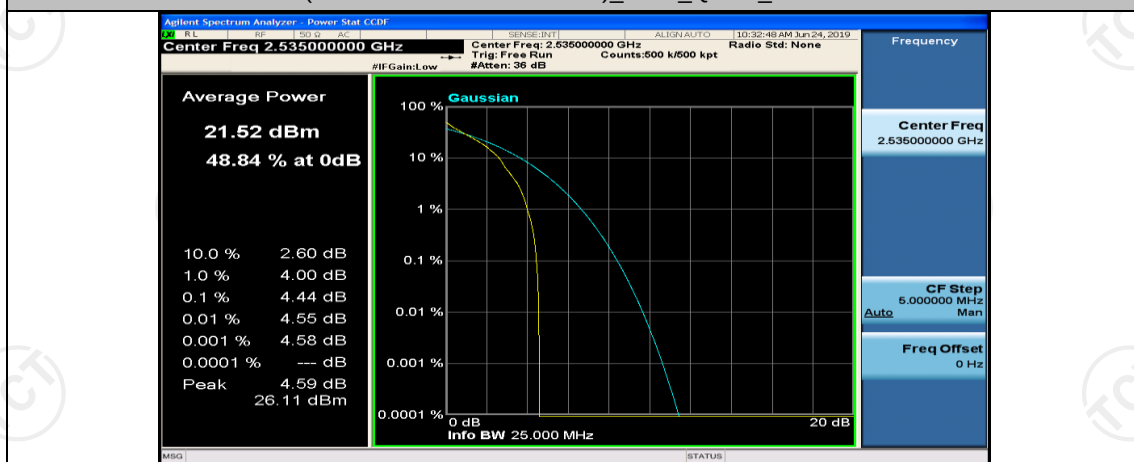
Channel Bandwidth: 5 MHz



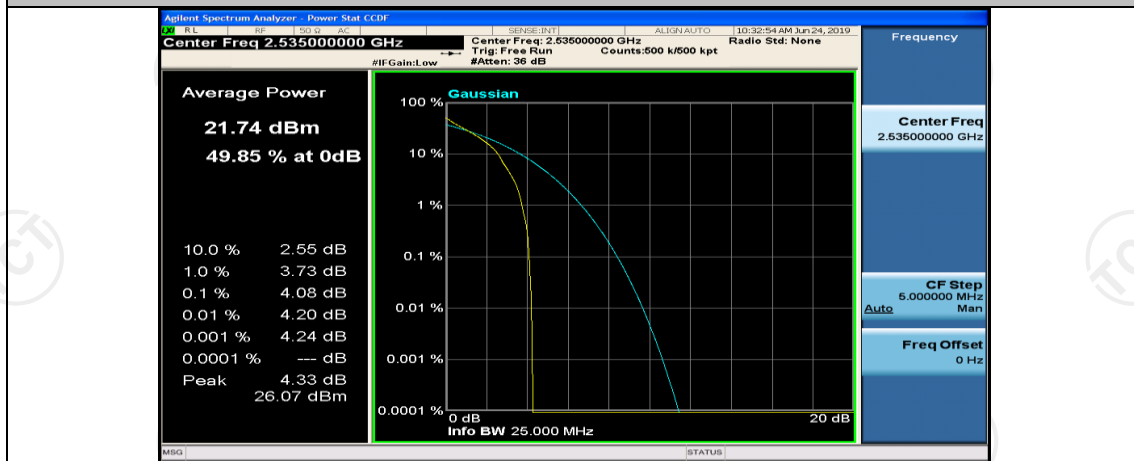




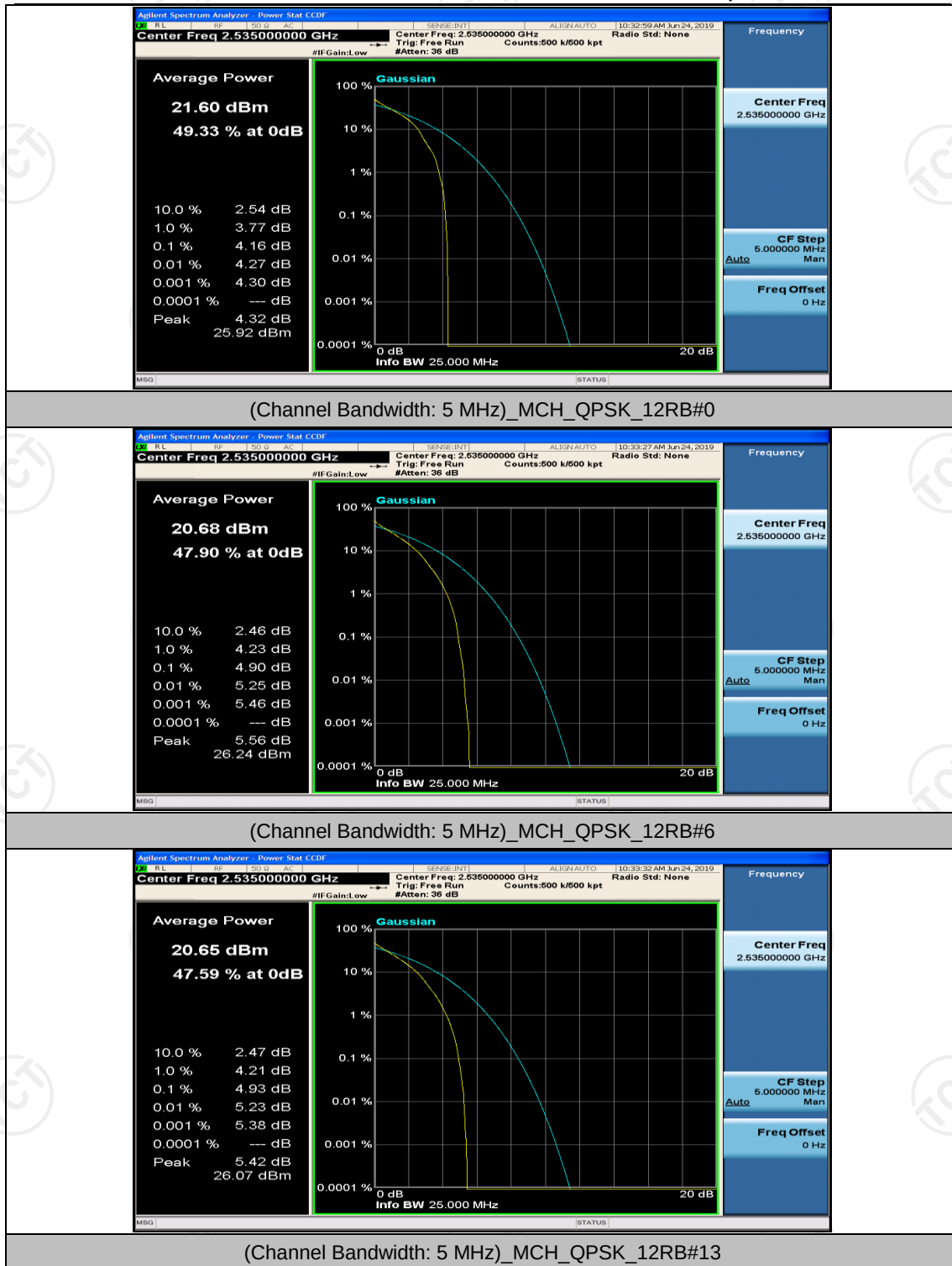
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

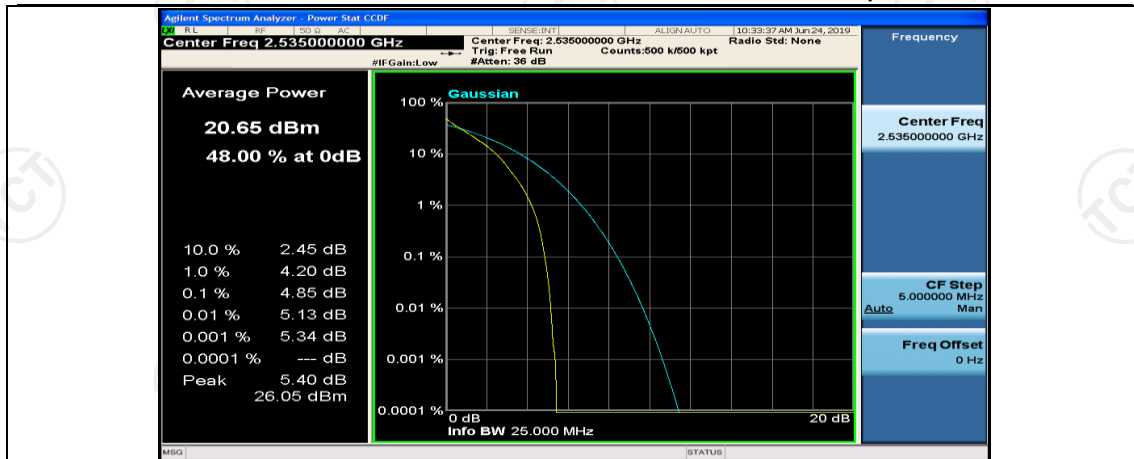


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

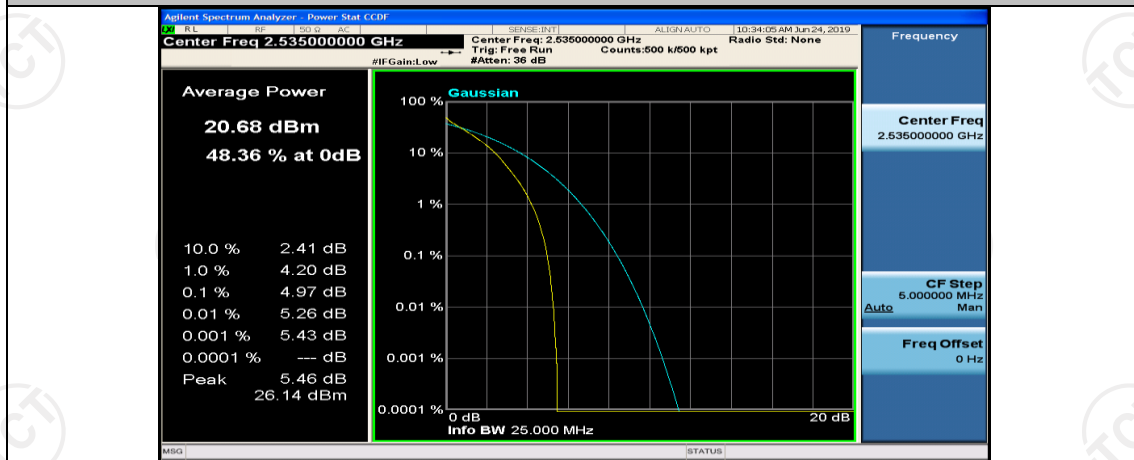


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

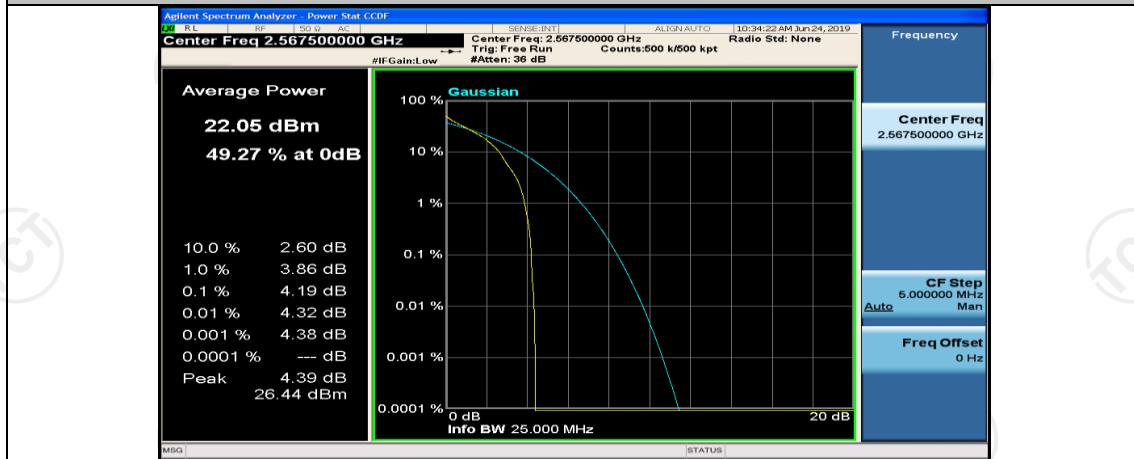




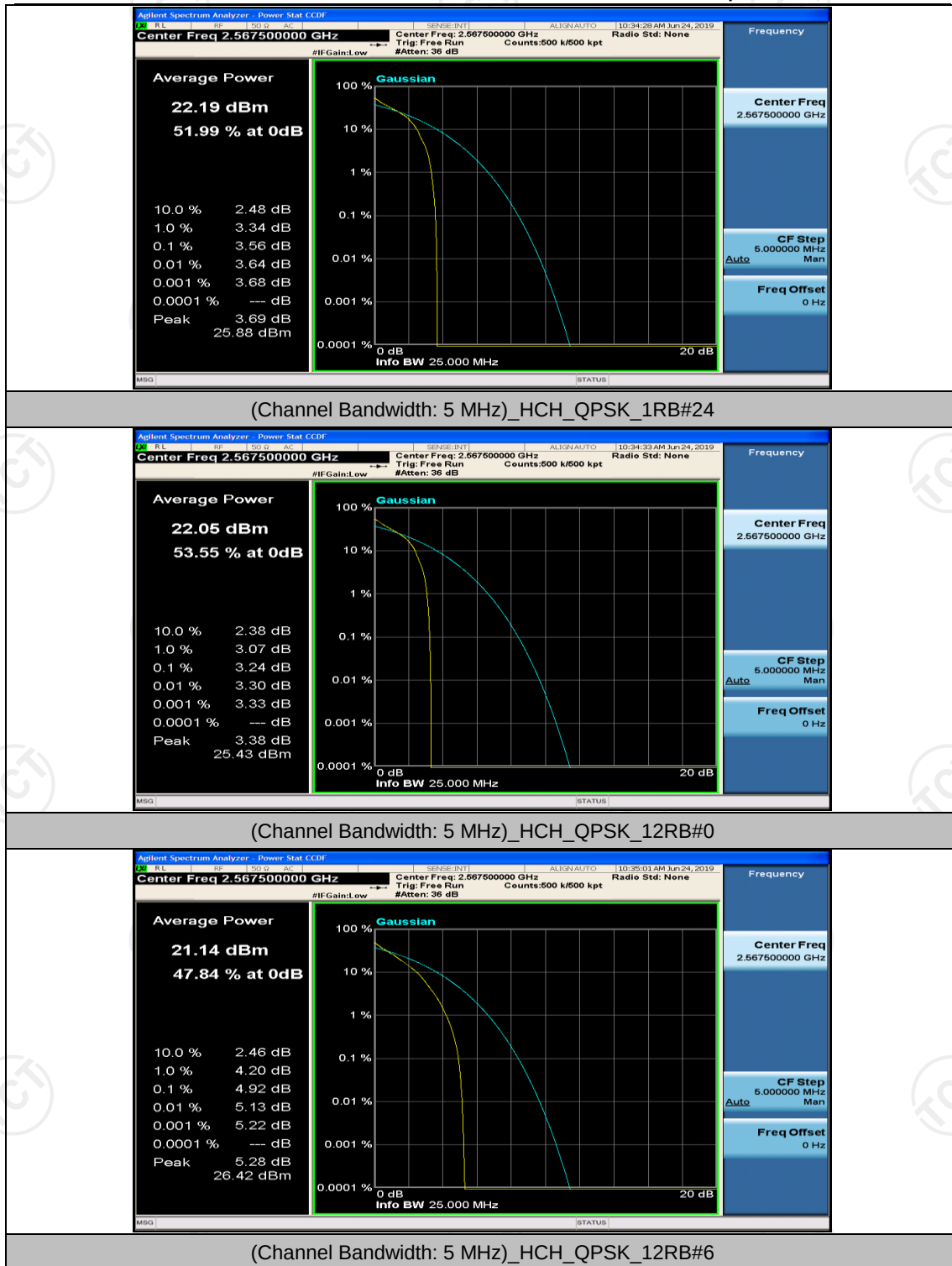
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0

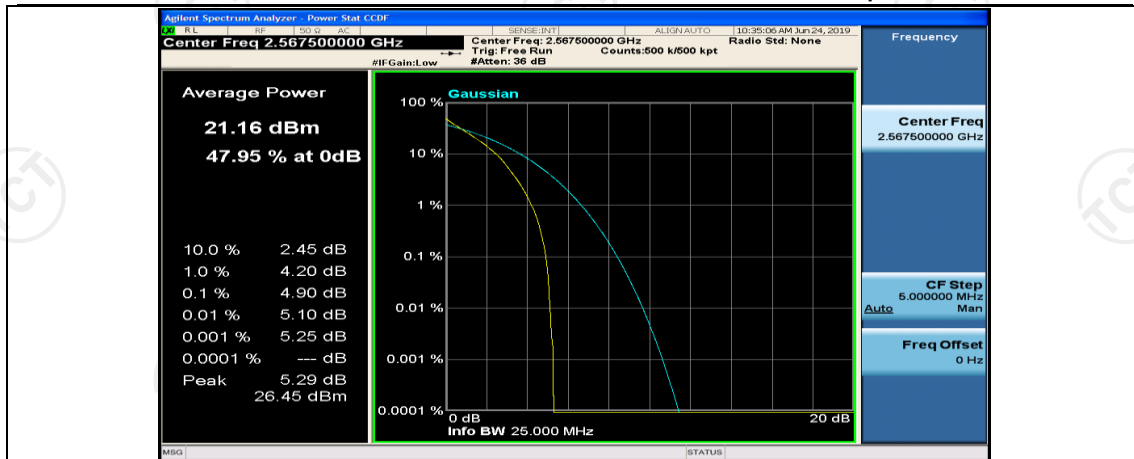


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

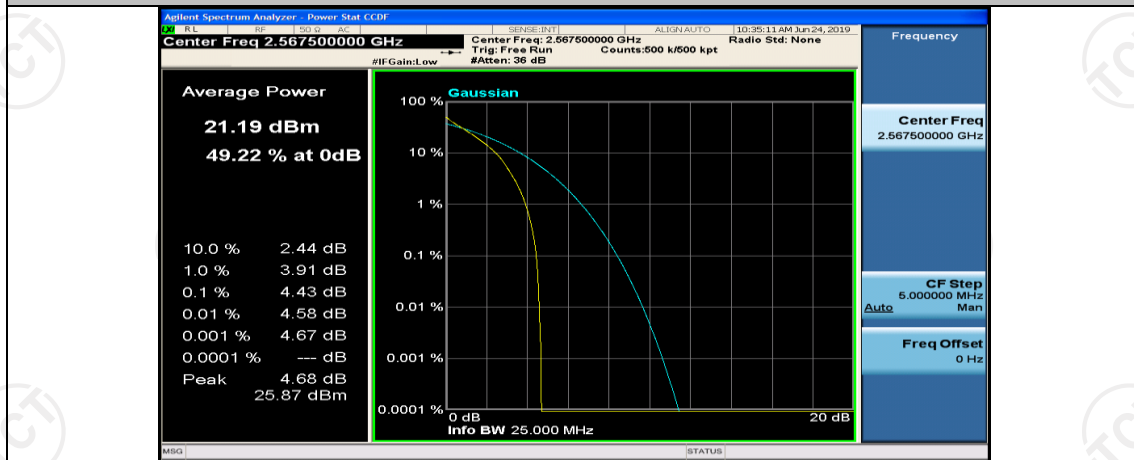


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

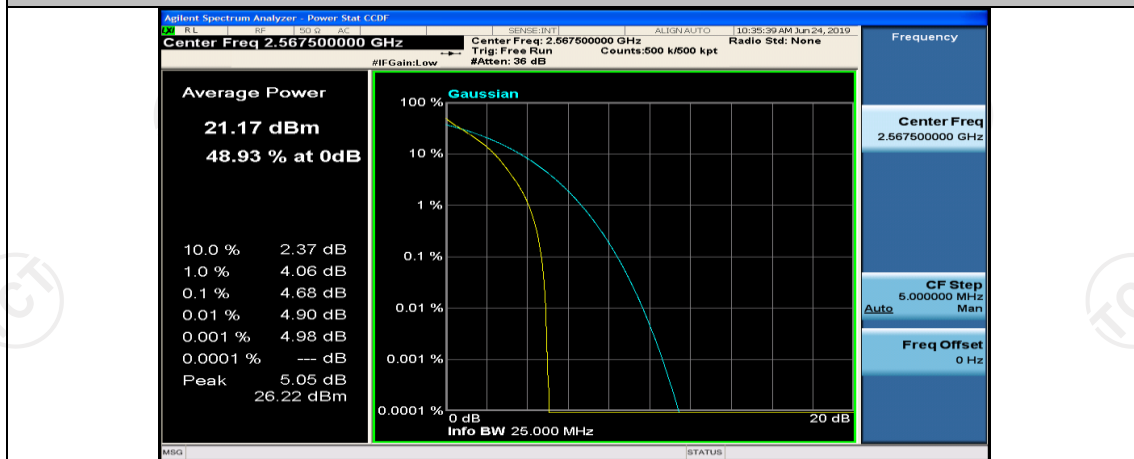




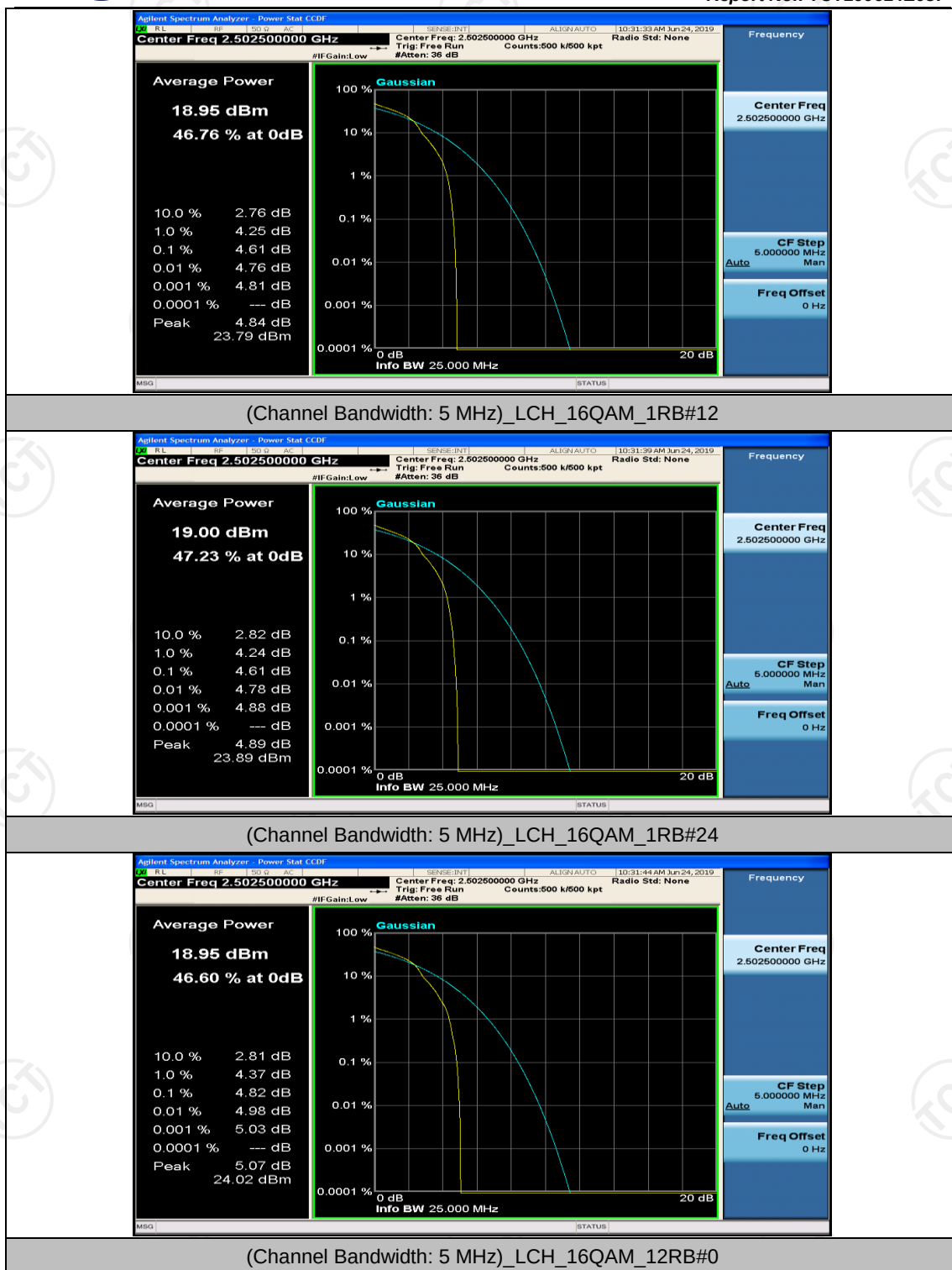
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13

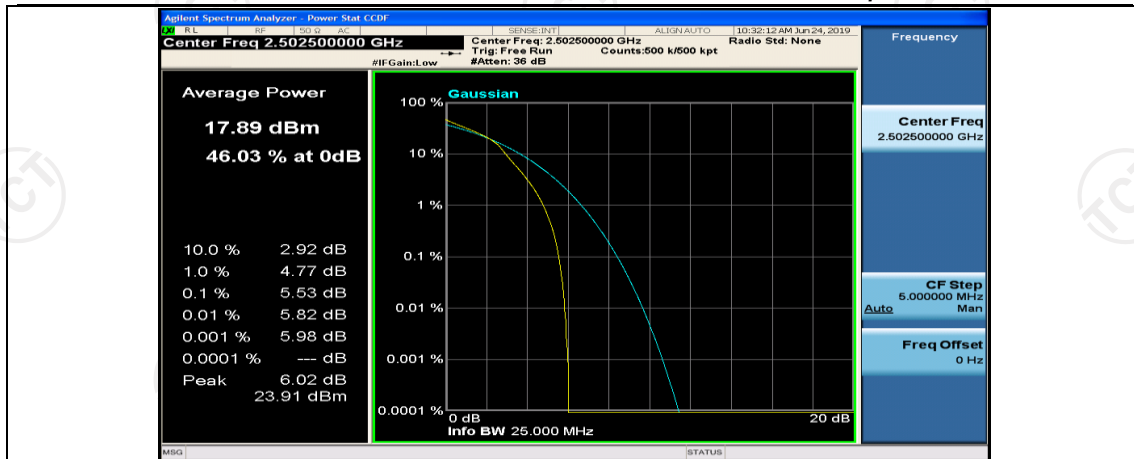


(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

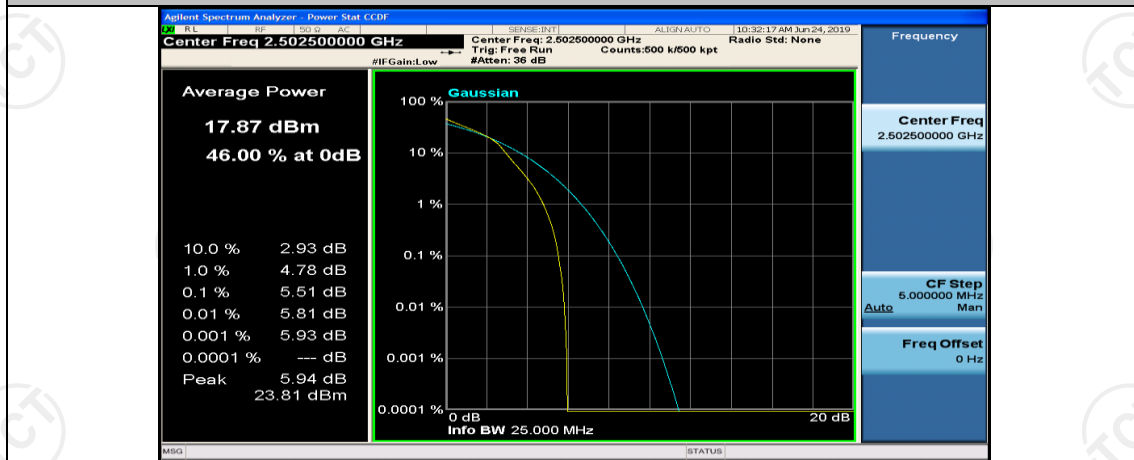


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

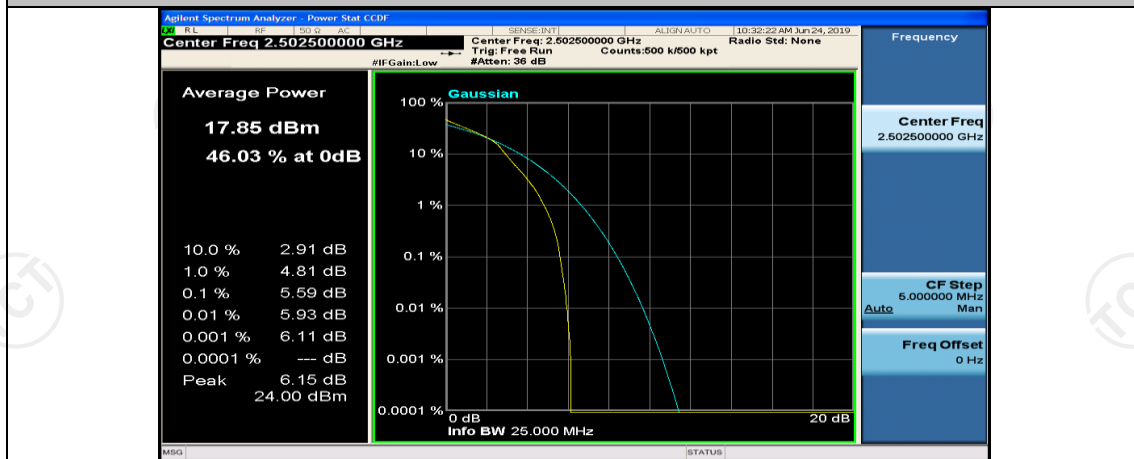




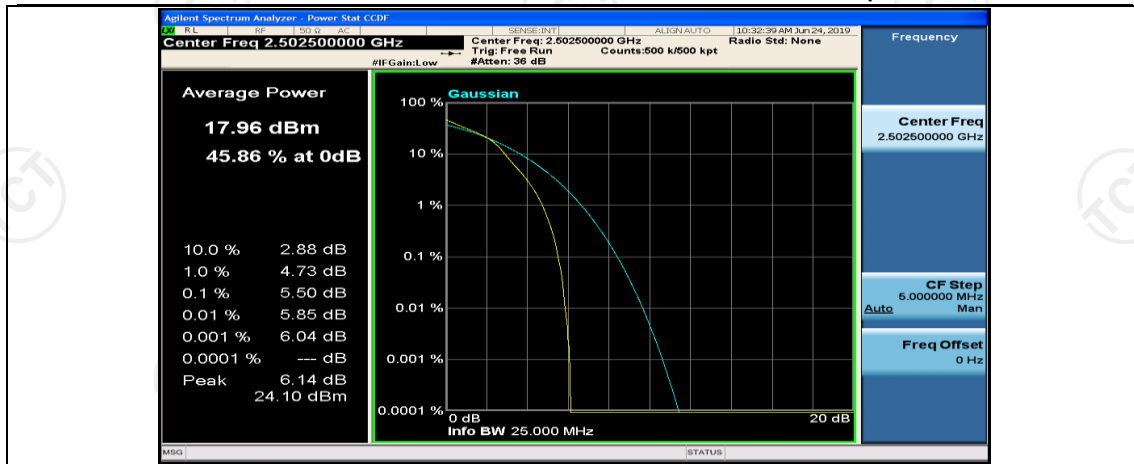
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



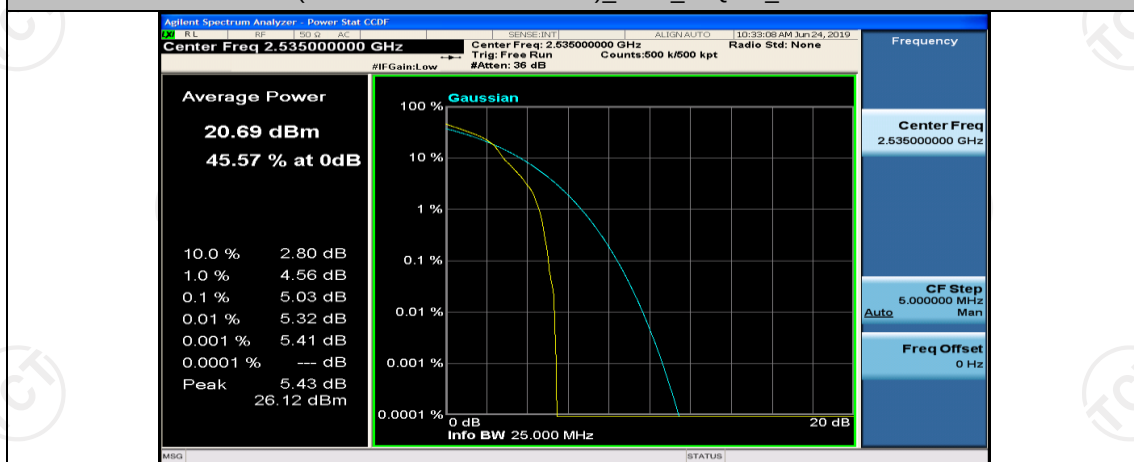
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



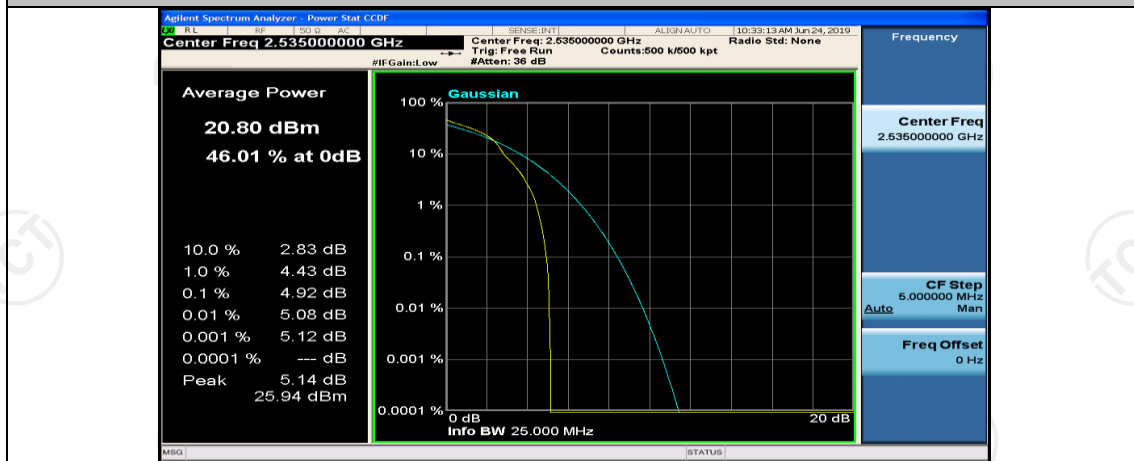
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



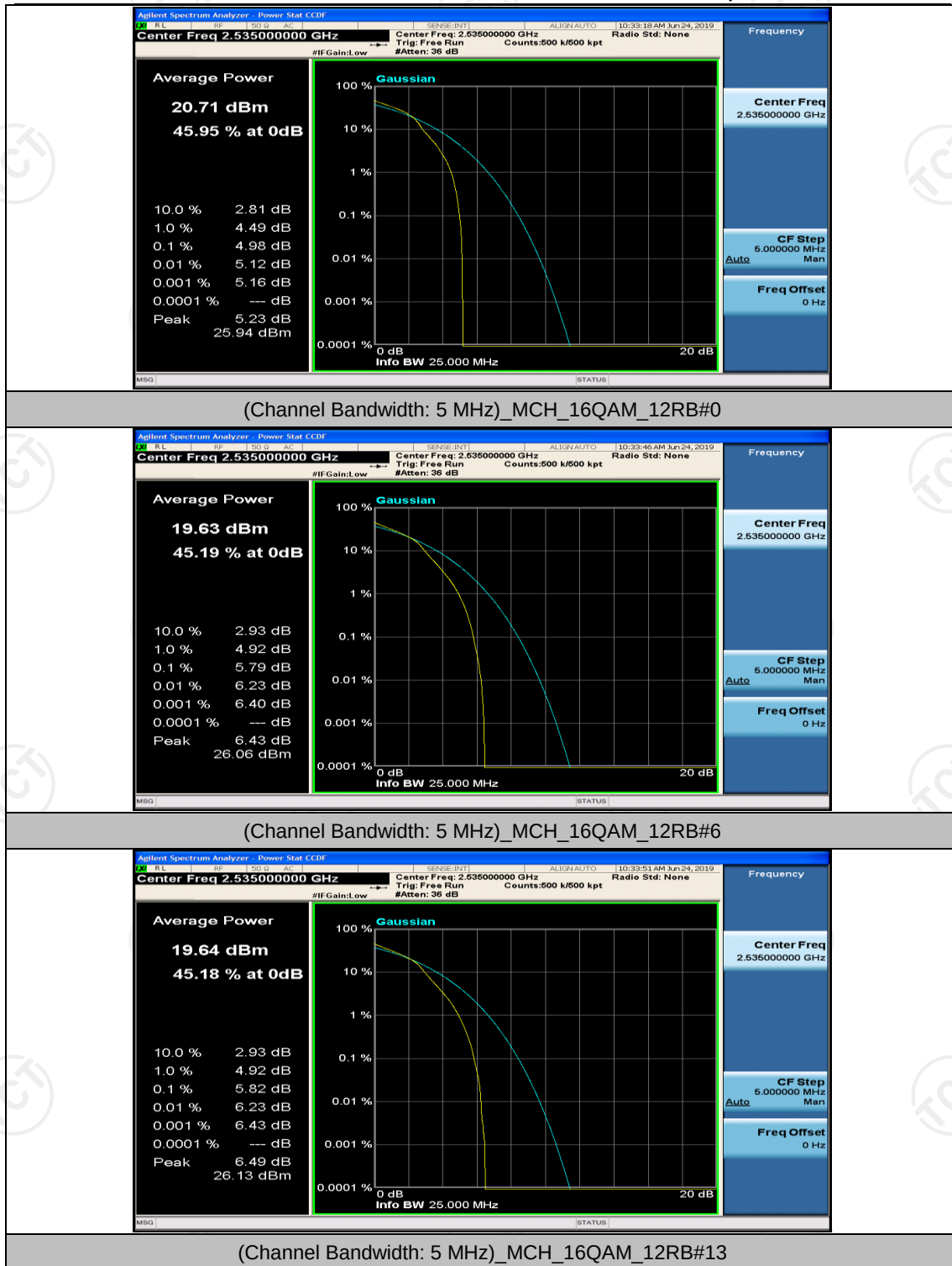
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

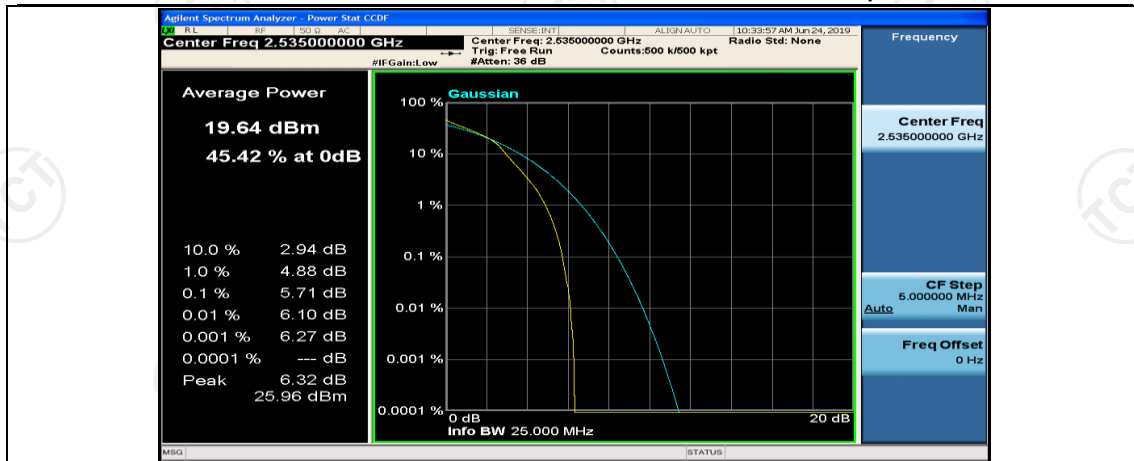


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

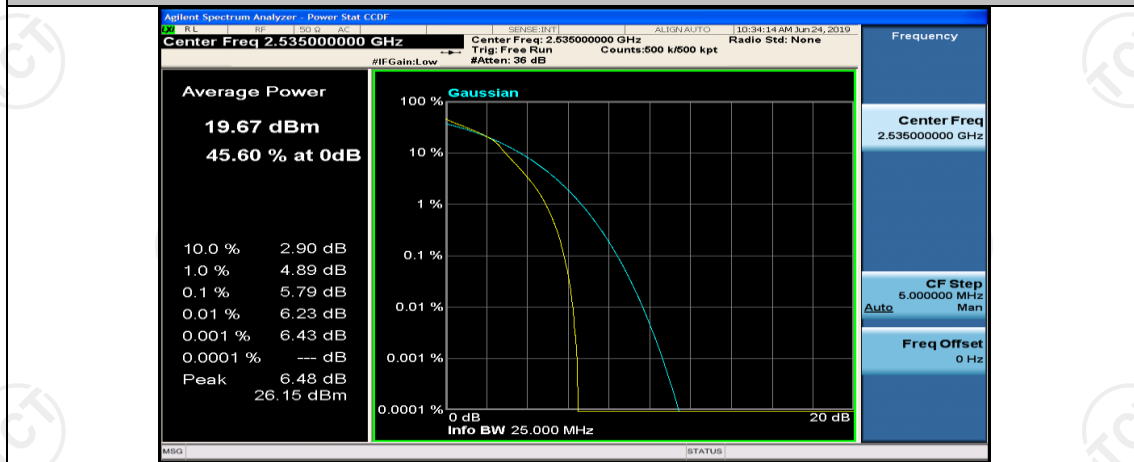


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

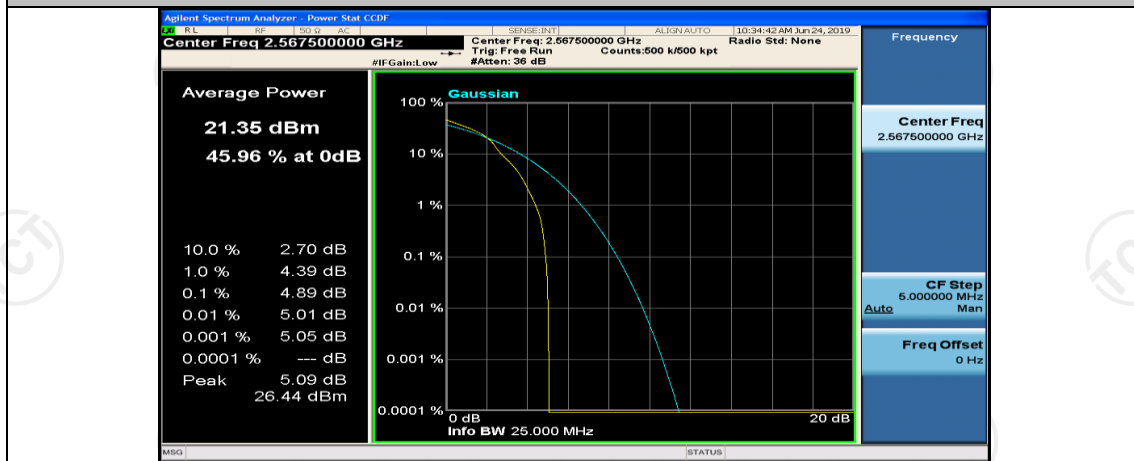




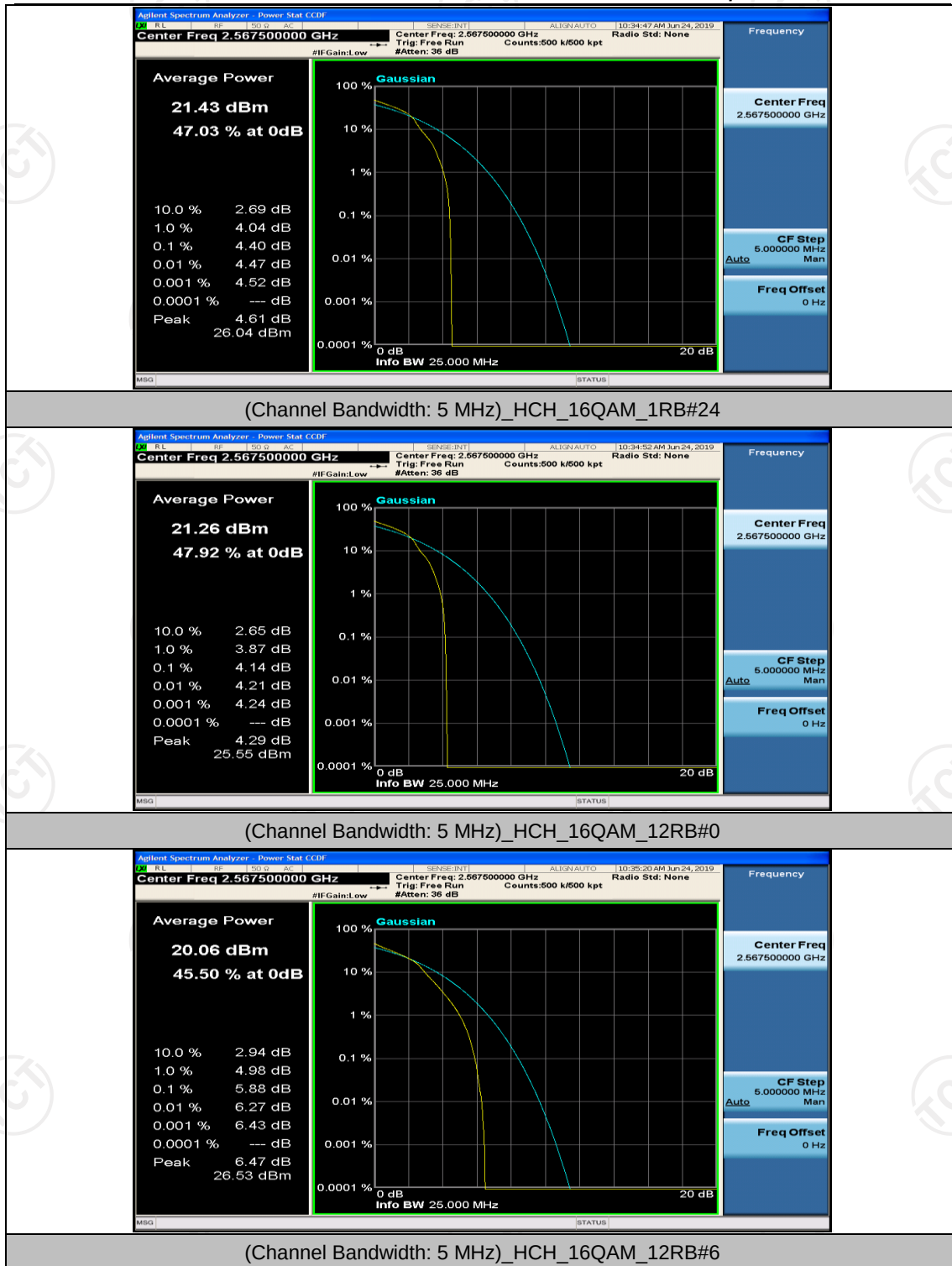
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

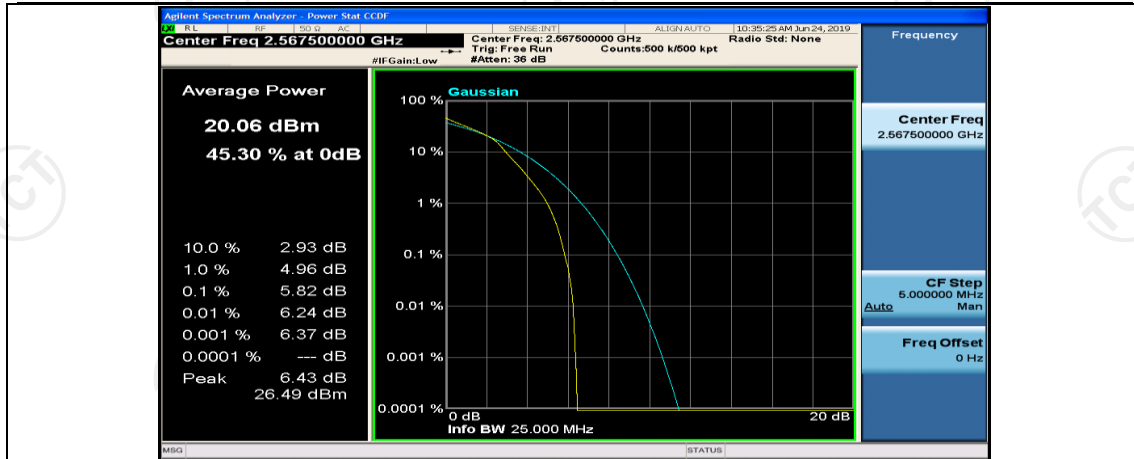


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

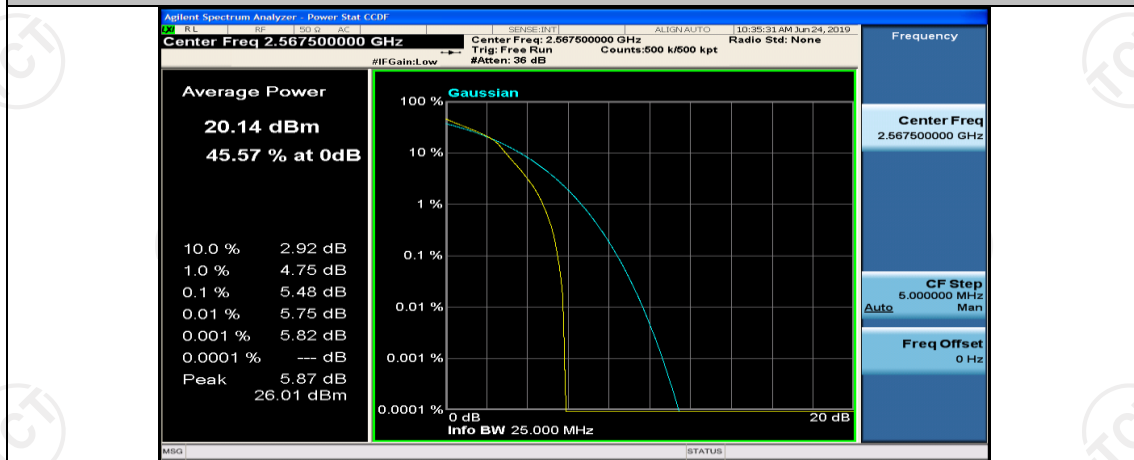


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

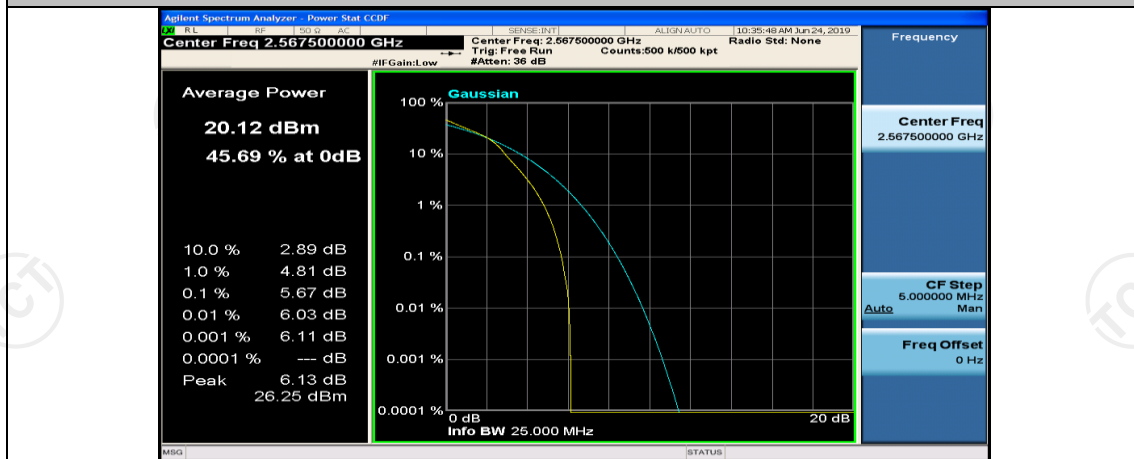




(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

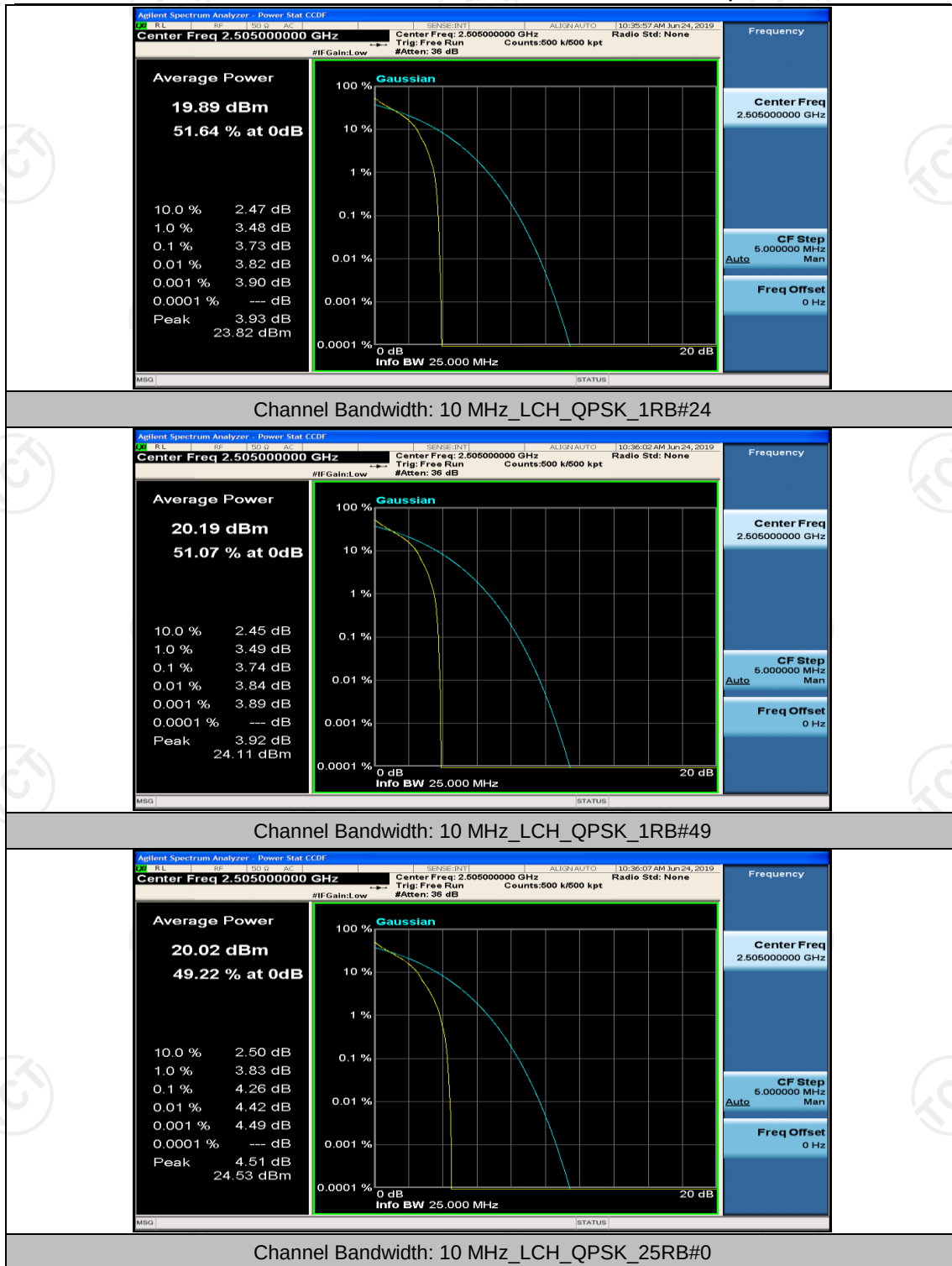


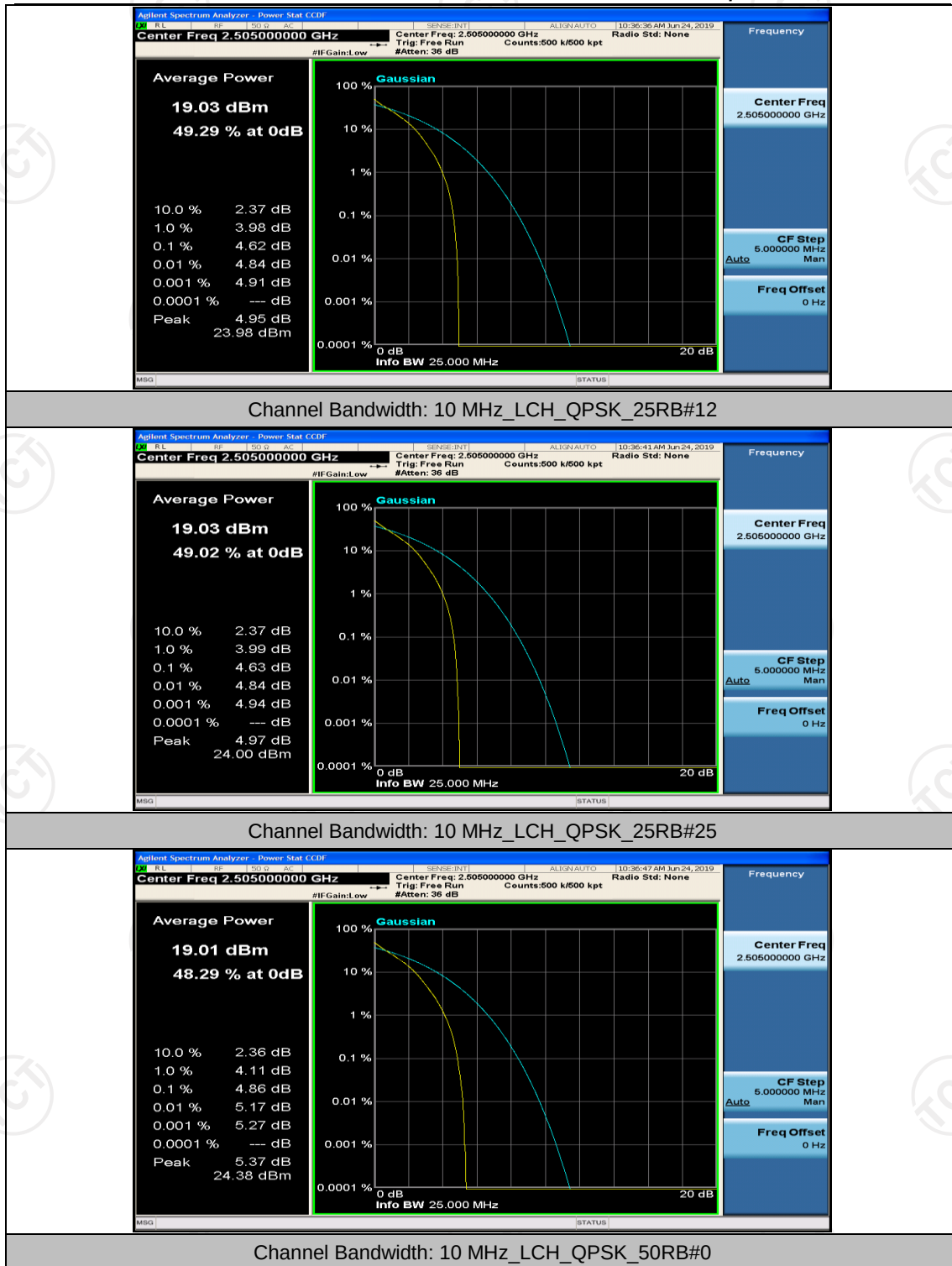
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

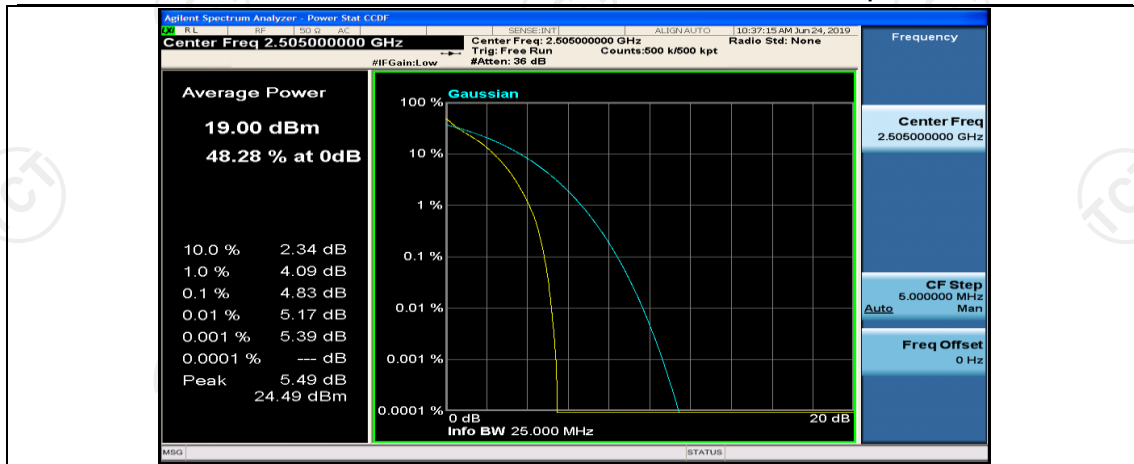


Channel Bandwidth: 10 MHz

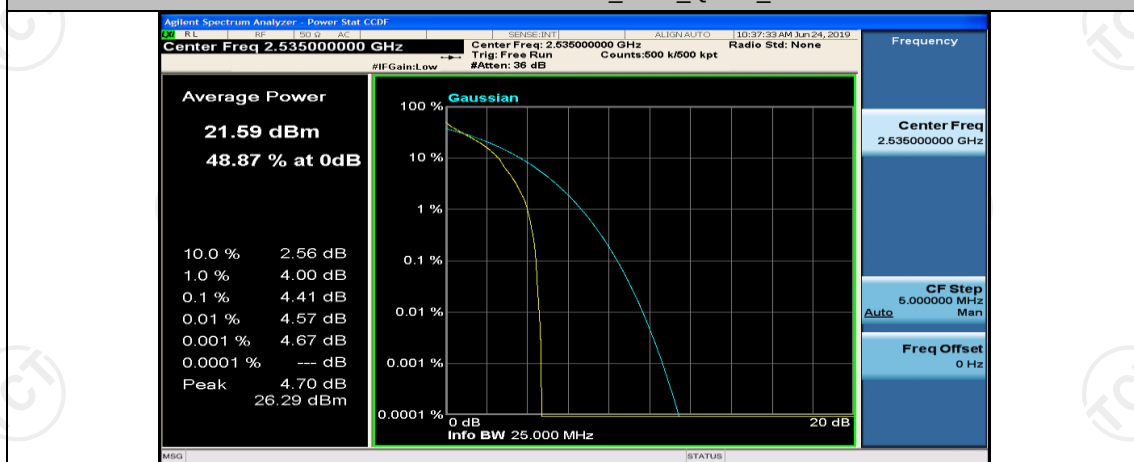
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0



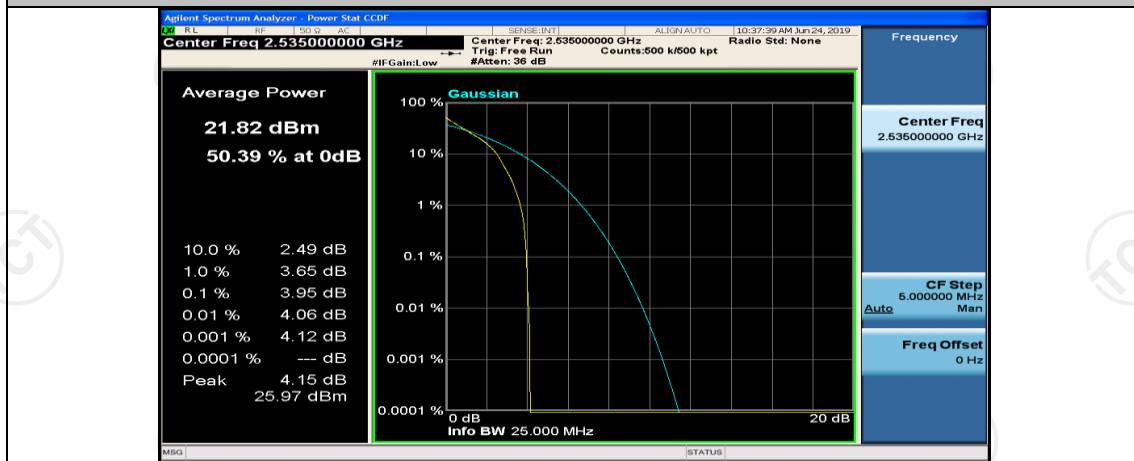




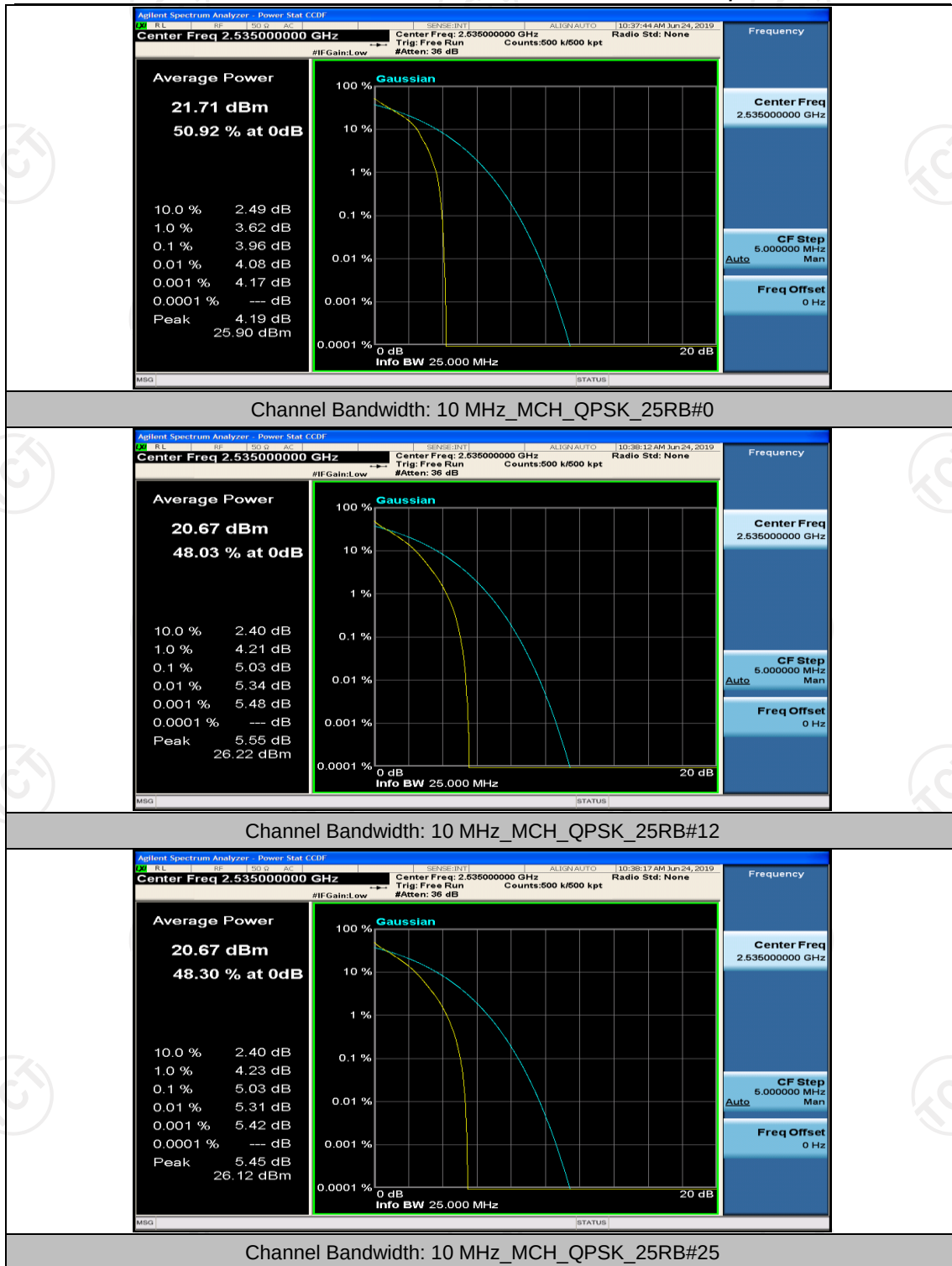
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

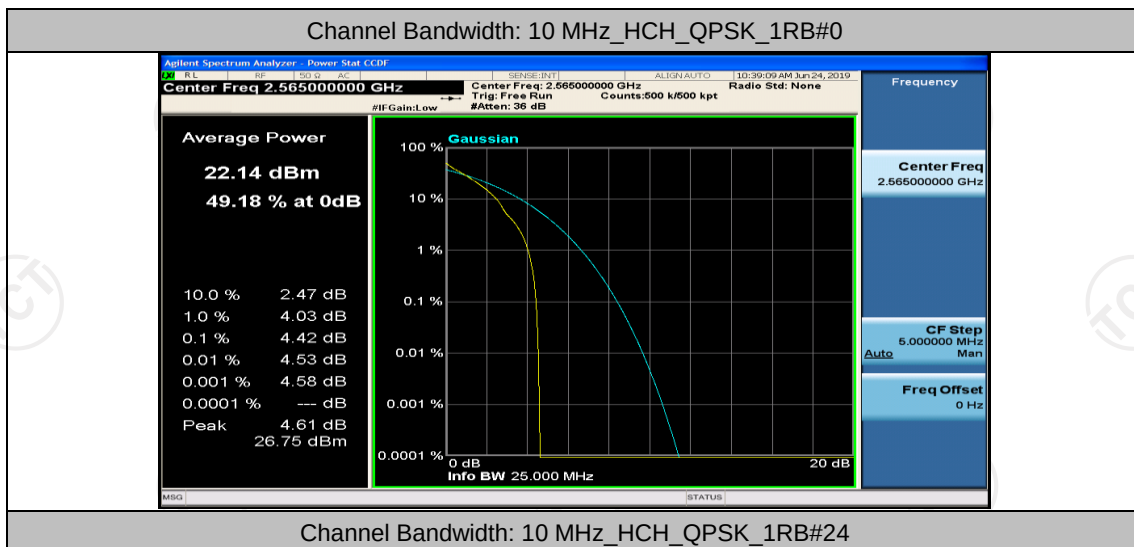
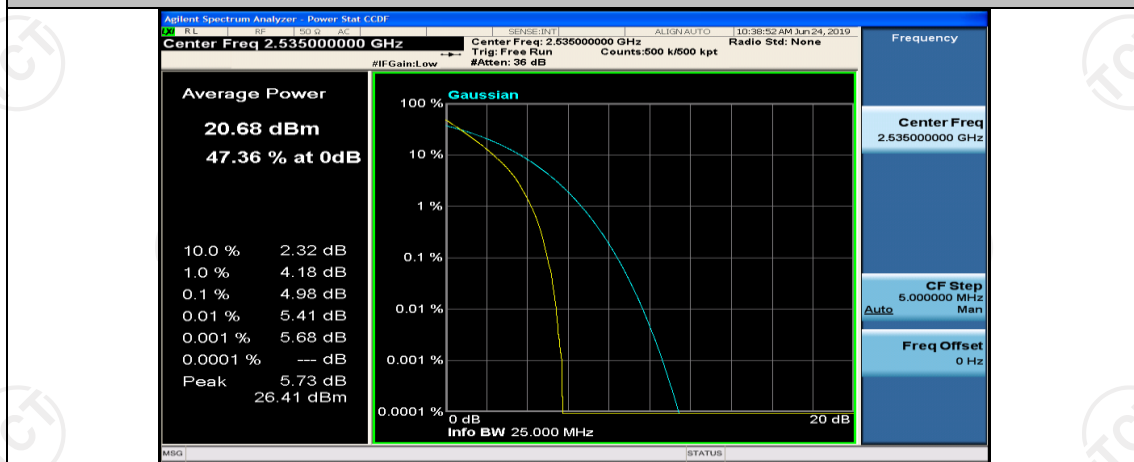
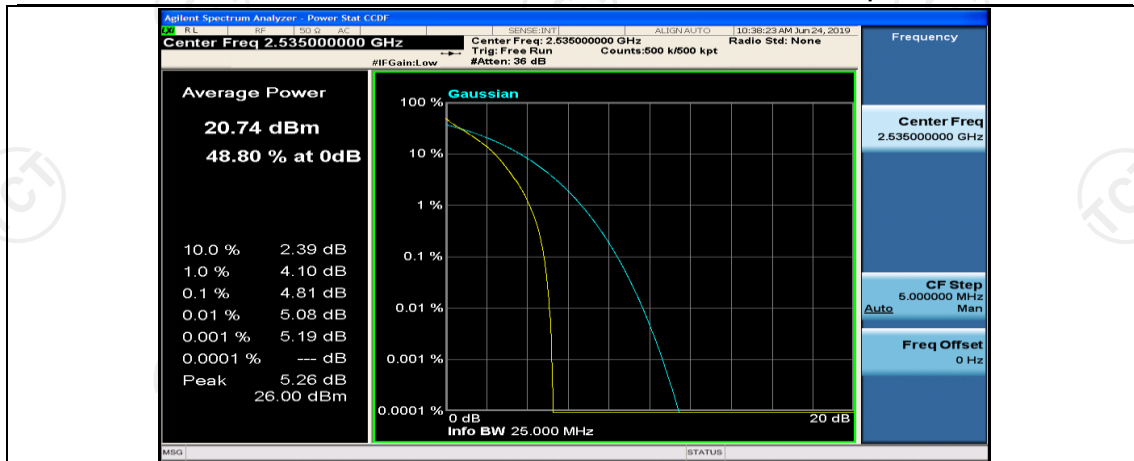


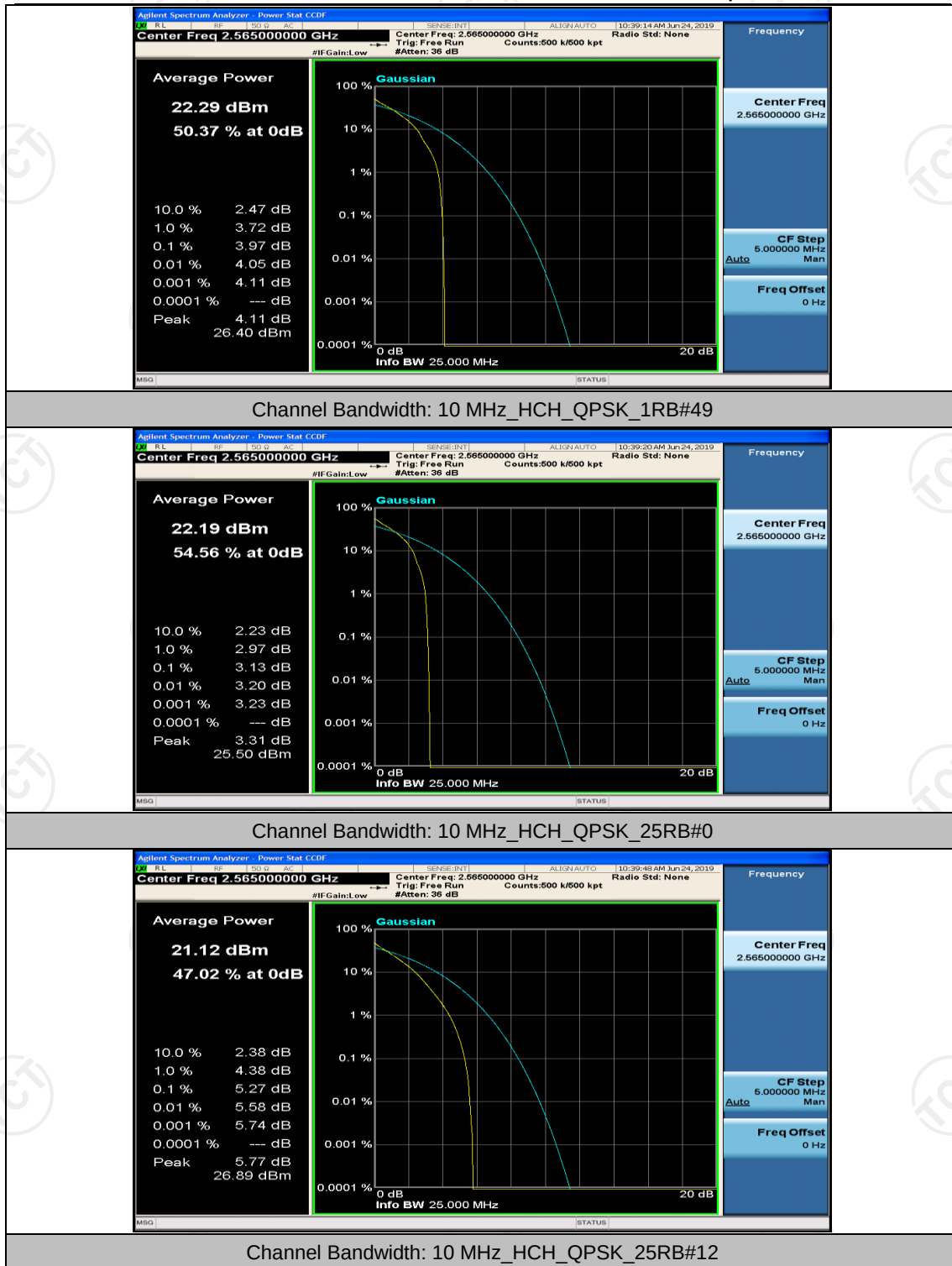
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

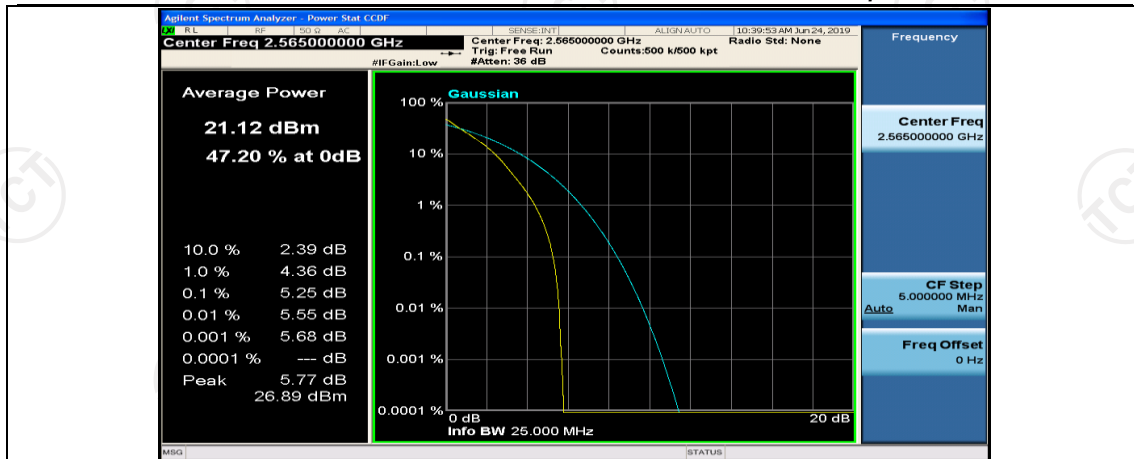


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

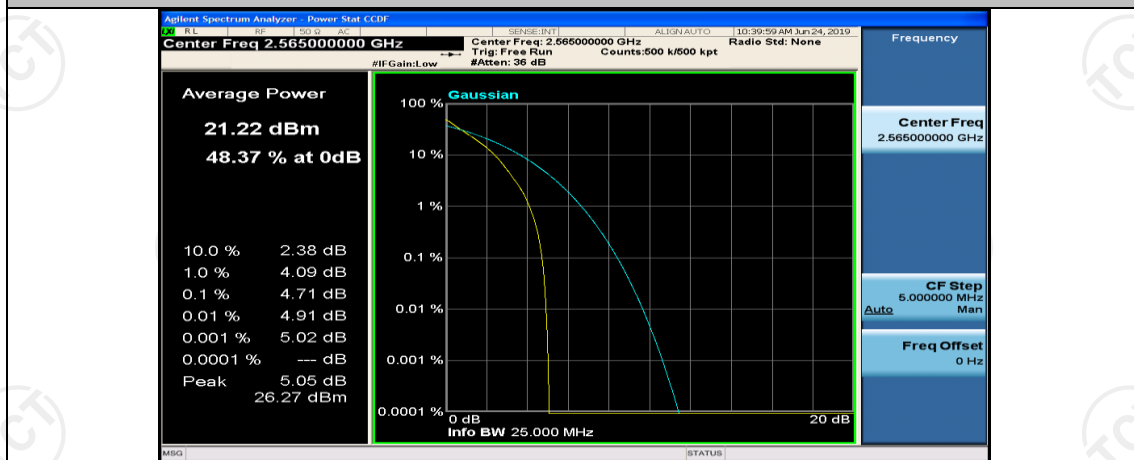




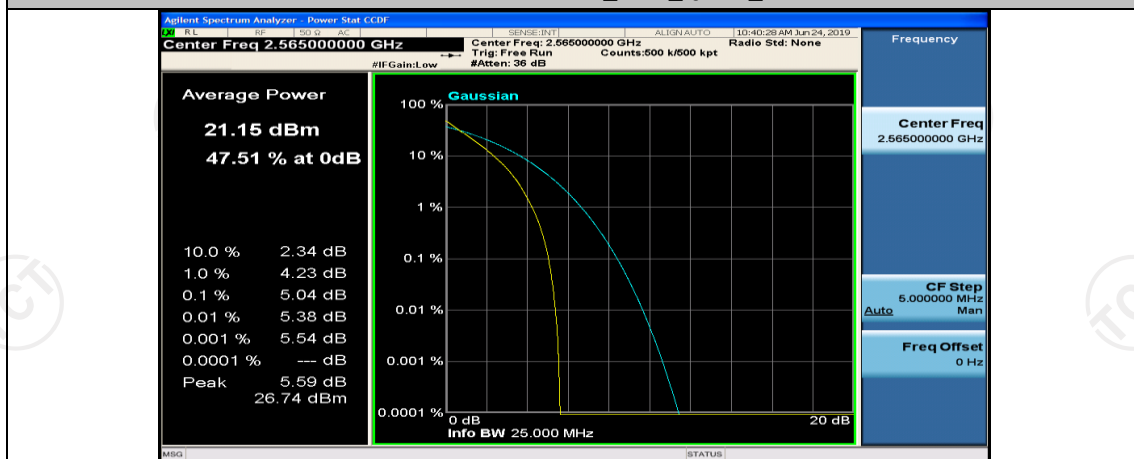




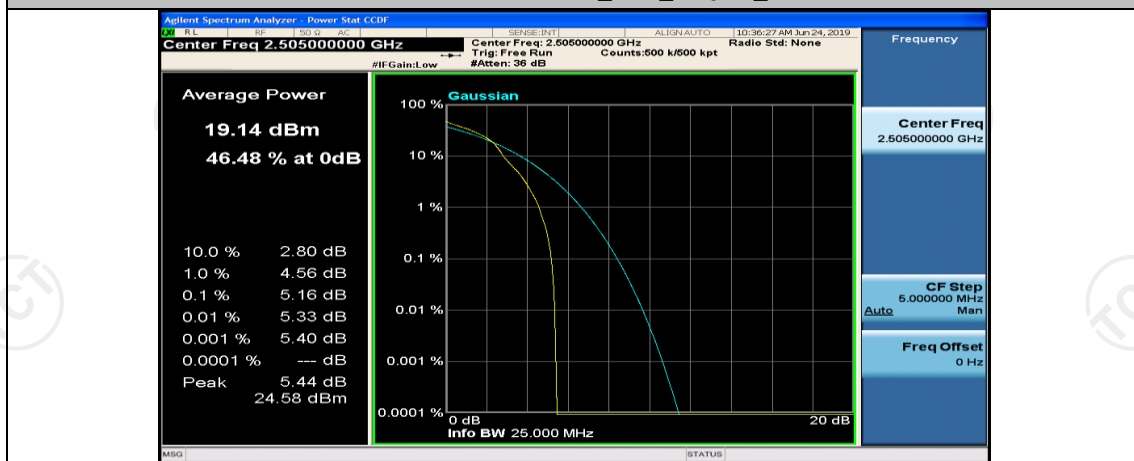
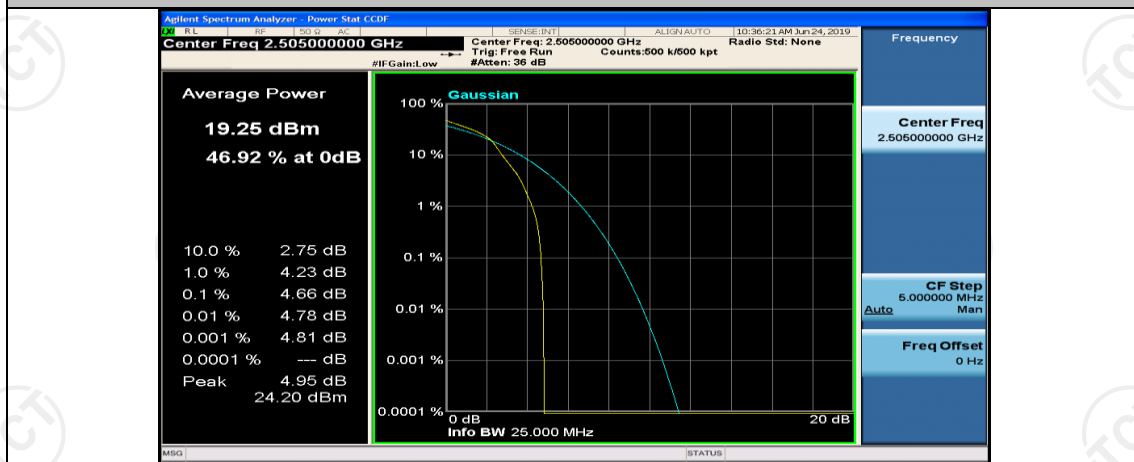
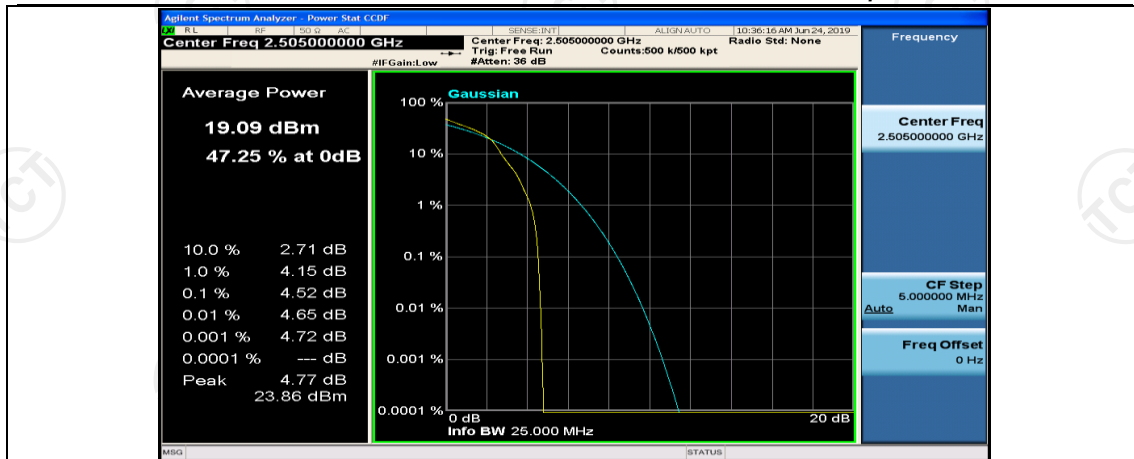
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25

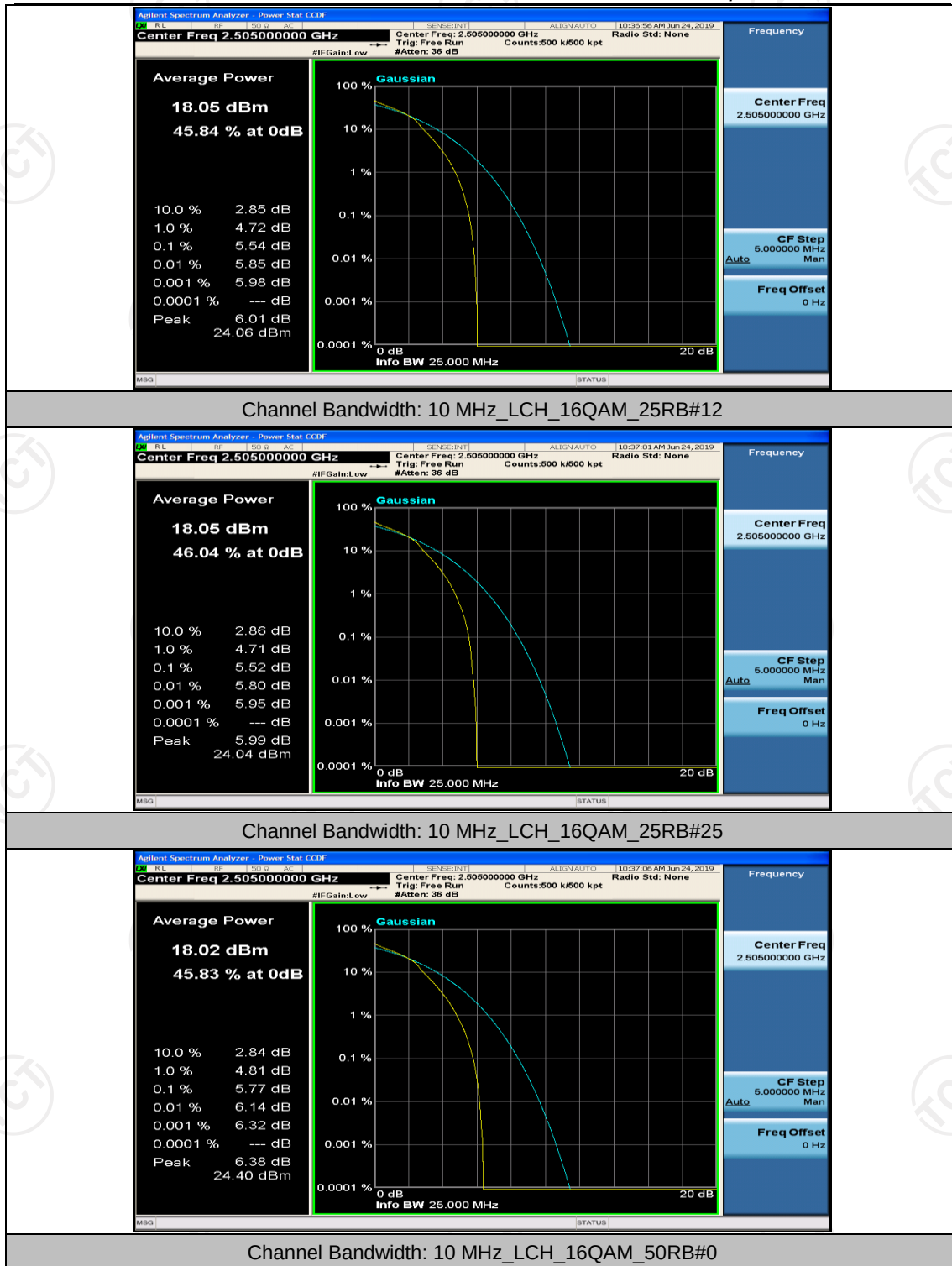


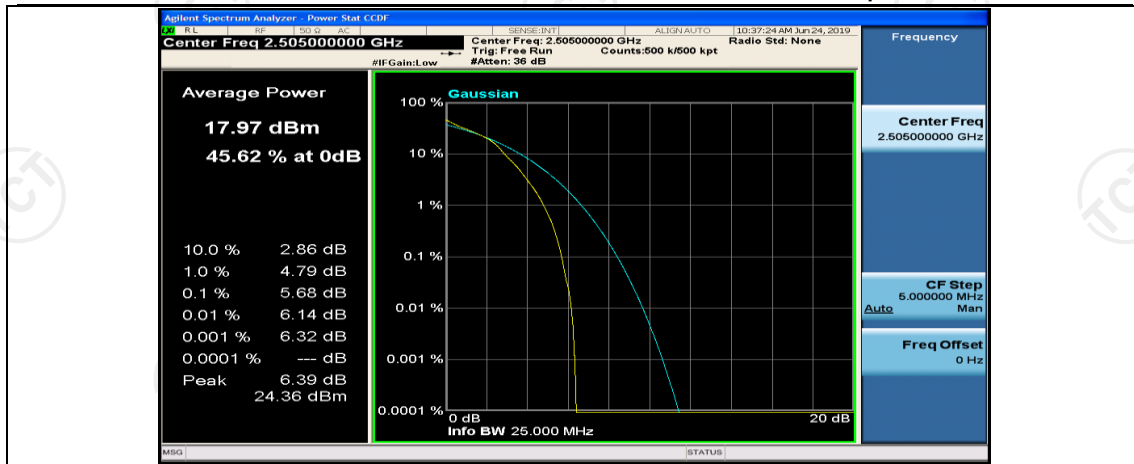
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



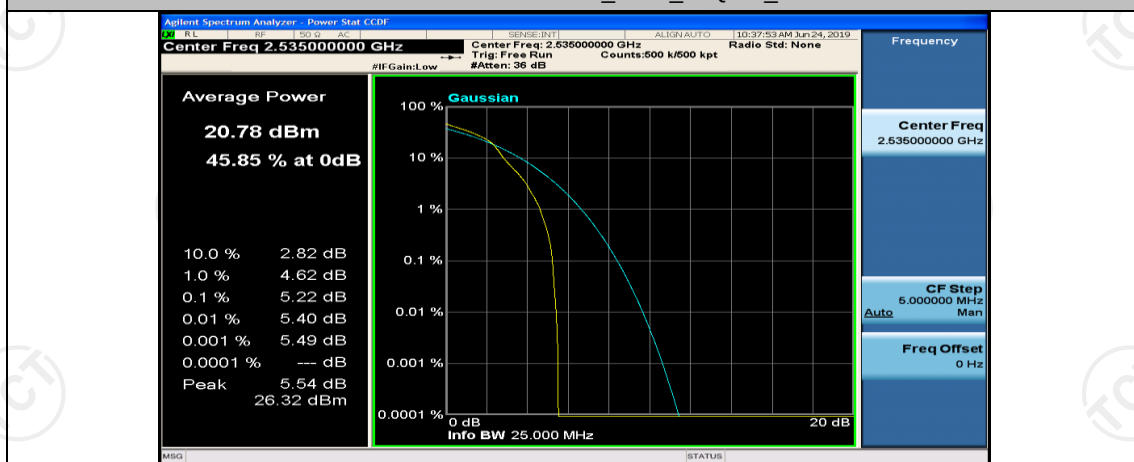
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



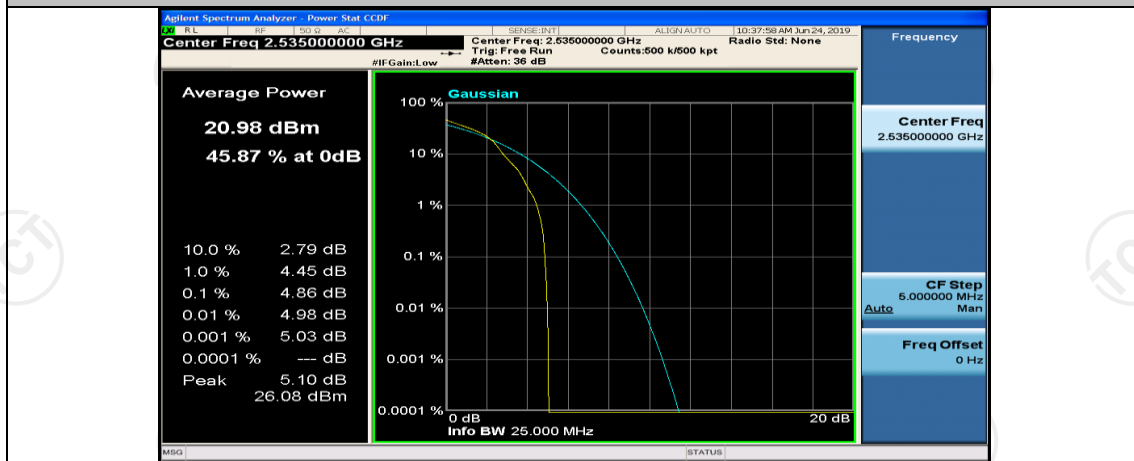




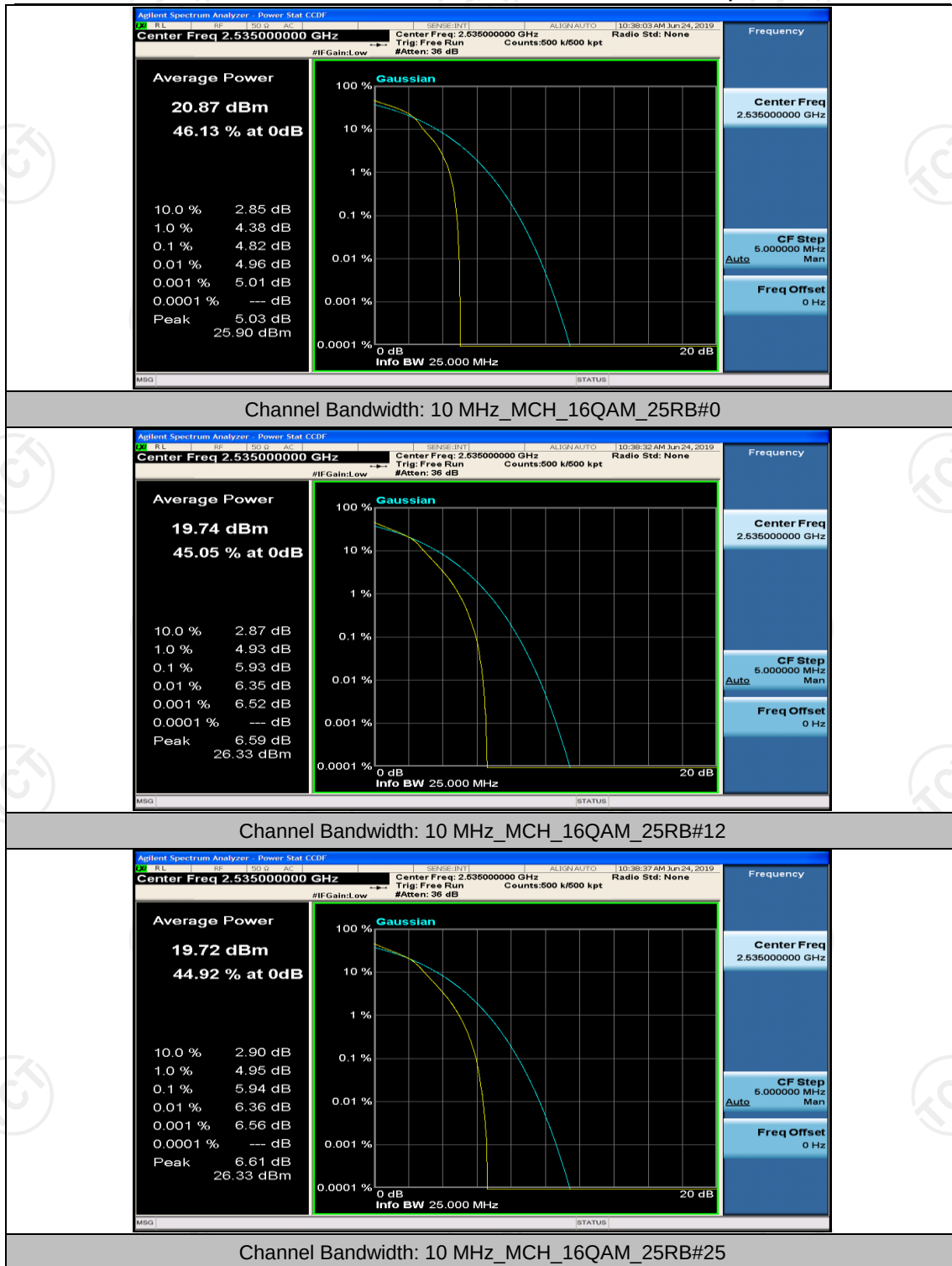
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

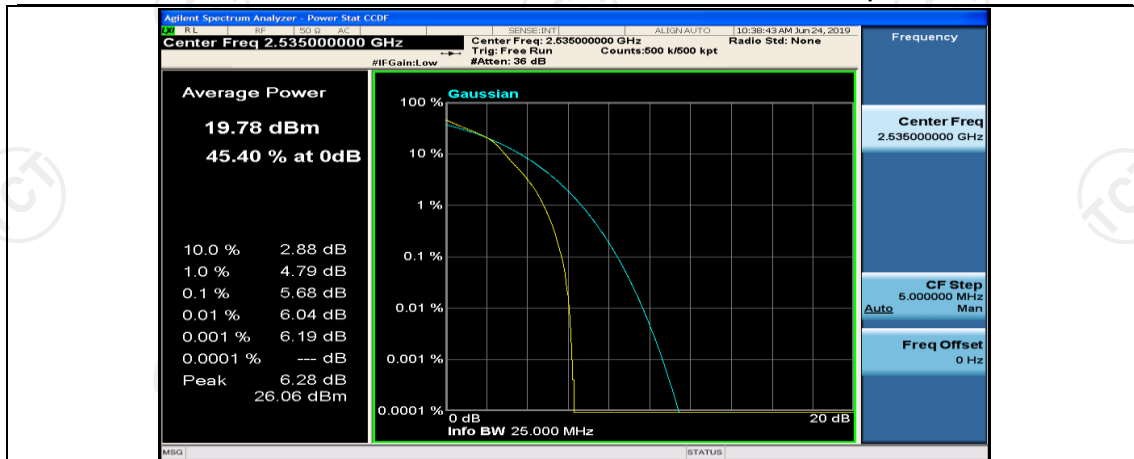


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

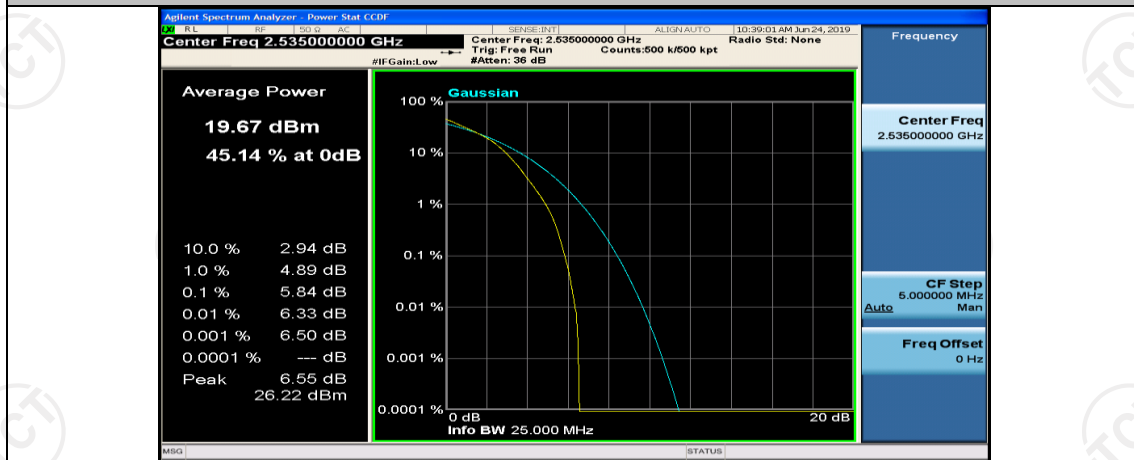


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

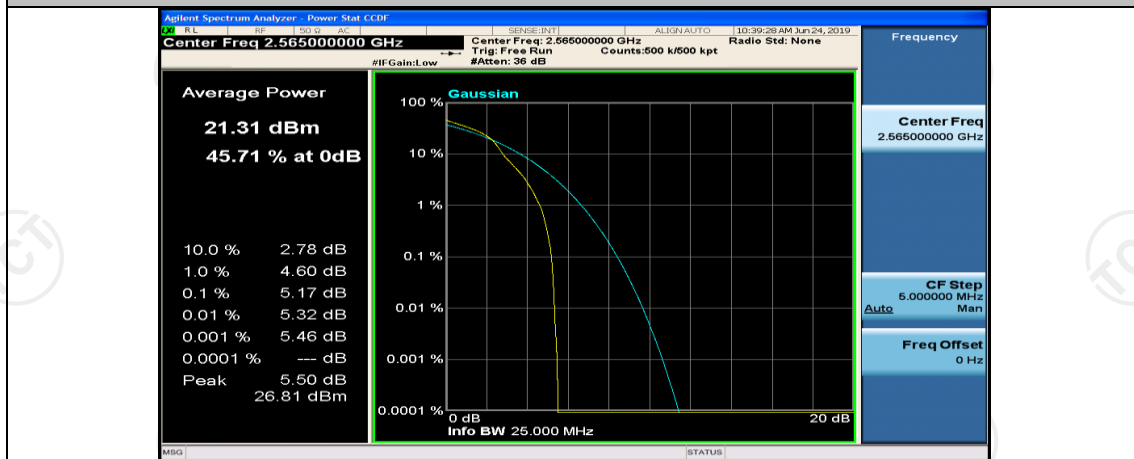




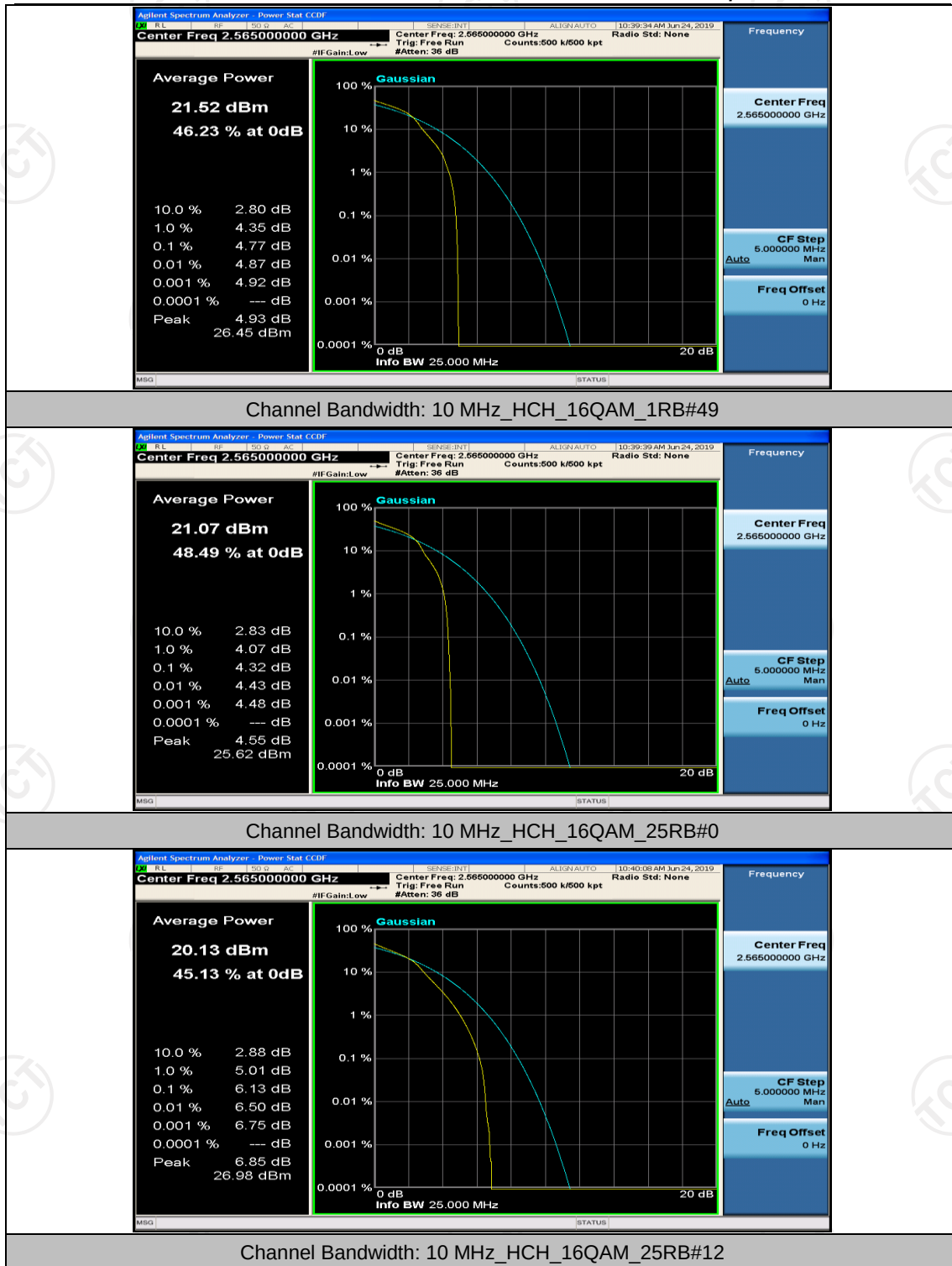
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

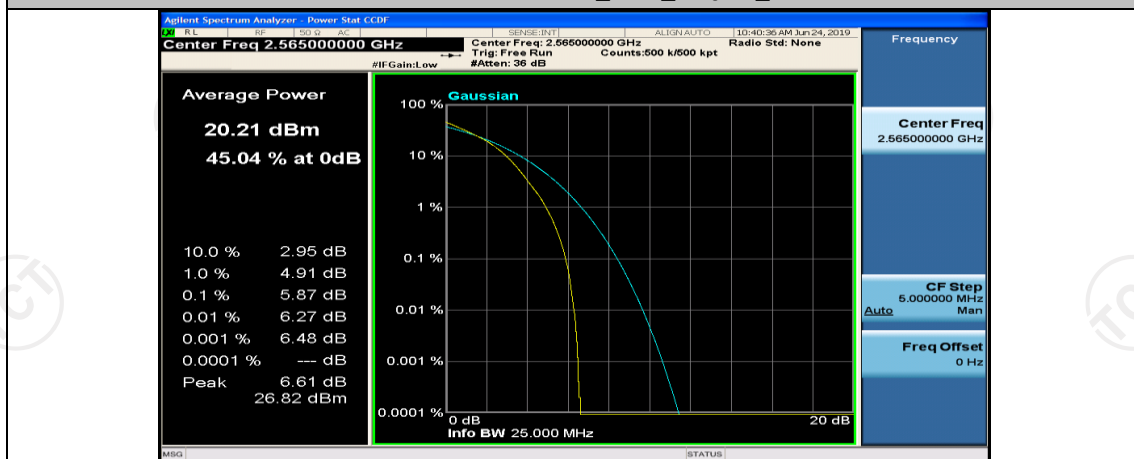
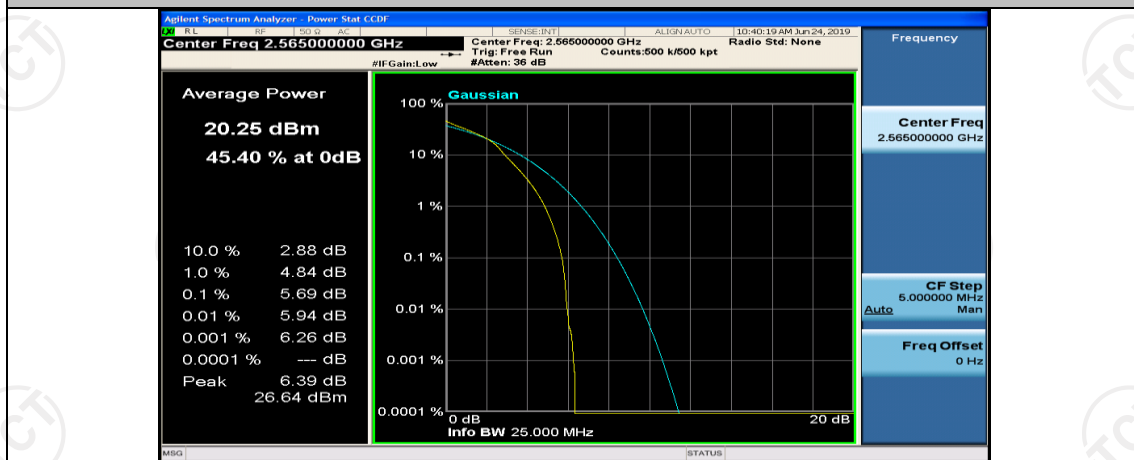
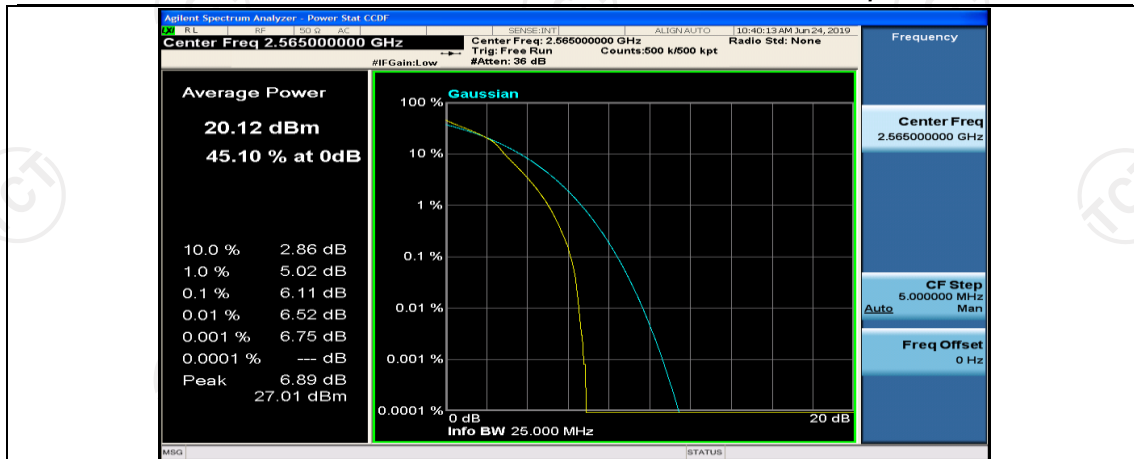


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24





Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0

