

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	23.67	24.90	PASS
		1	12	23.59	24.82	PASS
		1	24	23.30	24.53	PASS
		12	0	22.65	23.88	PASS
		12	6	22.64	23.87	PASS
		12	13	22.41	23.64	PASS
		25	0	22.64	23.87	PASS
	MCH	1	0	23.71	24.94	PASS
		1	12	23.95	25.18	PASS
		1	24	23.68	24.91	PASS
		12	0	22.74	23.97	PASS
		12	6	22.73	23.96	PASS
		12	13	22.81	24.04	PASS
		25	0	22.80	24.03	PASS
	HCH	1	0	23.49	24.72	PASS
		1	12	23.88	25.11	PASS
		1	24	23.54	24.77	PASS
		12	0	22.74	23.97	PASS
		12	6	22.74	23.97	PASS
		12	13	22.73	23.96	PASS
		25	0	22.69	23.92	PASS
16QAM	LCH	1	0	22.31	23.54	PASS
		1	12	22.24	23.47	PASS
		1	24	21.67	22.90	PASS
		12	0	21.77	23.00	PASS
		12	6	21.71	22.94	PASS
		12	13	21.32	22.55	PASS
		25	0	21.70	22.93	PASS
	MCH	1	0	22.88	24.11	PASS
		1	12	23.02	24.25	PASS
		1	24	22.46	23.69	PASS

		12	0	21.72	22.95	PASS
		12	6	21.65	22.88	PASS
		12	13	21.79	23.02	PASS
		25	0	21.94	23.17	PASS
	HCH	1	0	22.47	23.70	PASS
		1	12	22.70	23.93	PASS
		1	24	22.18	23.41	PASS
		12	0	21.67	22.90	PASS
		12	6	21.59	22.82	PASS
		12	13	21.68	22.91	PASS
		25	0	21.90	23.13	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	23.67	24.90	PASS
		1	24	23.23	24.46	PASS
		1	49	23.23	24.46	PASS
		25	0	22.70	23.93	PASS
		25	12	22.70	23.93	PASS
		25	25	22.43	23.66	PASS
		50	0	22.61	23.84	PASS
	MCH	1	0	23.52	24.75	PASS
		1	24	23.63	24.86	PASS
		1	49	23.45	24.68	PASS
		25	0	22.83	24.06	PASS
		25	12	22.83	24.06	PASS
		25	25	22.80	24.03	PASS
		50	0	22.82	24.05	PASS
	HCH	1	0	23.60	24.83	PASS
		1	24	24.12	25.35	PASS
		1	49	23.76	24.99	PASS
		25	0	22.82	24.05	PASS
		25	12	22.82	24.05	PASS
		25	25	22.90	24.13	PASS
		50	0	22.84	24.07	PASS
16QAM	LCH	1	0	22.53	23.76	PASS
		1	24	22.25	23.48	PASS
		1	49	22.07	23.30	PASS

		25	0	21.70	22.93	PASS
		25	12	21.71	22.94	PASS
		25	25	21.36	22.59	PASS
		50	0	21.63	22.86	PASS
	MCH	1	0	22.92	24.15	PASS
		1	24	23.00	24.23	PASS
		1	49	22.51	23.74	PASS
		25	0	21.82	23.05	PASS
		25	12	21.91	23.14	PASS
		25	25	21.70	22.93	PASS
		50	0	21.85	23.08	PASS
	HCH	1	0	22.93	24.16	PASS
		1	24	23.57	24.80	PASS
		1	49	23.27	24.50	PASS
		25	0	21.71	22.94	PASS
		25	12	21.72	22.95	PASS
		25	25	21.99	23.22	PASS
		50	0	21.88	23.11	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	23.64	24.87	PASS
		1	37	23.27	24.50	PASS
		1	74	23.26	24.49	PASS
		37	0	22.57	23.80	PASS
		37	18	22.57	23.80	PASS
		37	38	22.57	23.80	PASS
		75	0	22.57	23.80	PASS
	MCH	1	0	23.51	24.74	PASS
		1	37	23.63	24.86	PASS
		1	74	23.37	24.60	PASS
		37	0	22.75	23.98	PASS
		37	18	22.75	23.98	PASS
		37	38	22.75	23.98	PASS
		75	0	22.75	23.98	PASS
	HCH	1	0	23.58	24.81	PASS
		1	37	23.78	25.01	PASS
		1	74	23.53	24.76	PASS

16QAM		37	0	22.79	24.02	PASS
		37	18	22.78	24.01	PASS
		37	38	22.78	24.01	PASS
		75	0	22.84	24.07	PASS
	LCH	1	0	22.54	23.77	PASS
		1	37	22.11	23.34	PASS
		1	74	22.37	23.60	PASS
		37	0	22.57	23.80	PASS
		37	18	22.57	23.80	PASS
		37	38	22.57	23.80	PASS
		75	0	21.55	22.78	PASS
	MCH	1	0	22.74	23.97	PASS
		1	37	22.84	24.07	PASS
		1	74	21.91	23.14	PASS
		37	0	22.75	23.98	PASS
		37	18	22.75	23.98	PASS
		37	38	22.75	23.98	PASS
		75	0	21.71	22.94	PASS
	HCH	1	0	22.93	24.16	PASS
		1	37	23.69	24.92	PASS
		1	74	23.06	24.29	PASS
		37	0	22.78	24.01	PASS
		37	18	22.78	24.01	PASS
		37	38	22.78	24.01	PASS
		75	0	21.83	23.06	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	23.65	24.88	PASS
		1	49	23.43	24.66	PASS
		1	99	23.49	24.72	PASS
		50	0	22.59	23.82	PASS
		50	25	22.60	23.83	PASS
		50	50	22.63	23.86	PASS
		100	0	22.62	23.85	PASS
	MCH	1	0	23.56	24.79	PASS
		1	49	23.99	25.22	PASS
		1	99	23.40	24.63	PASS

16QAM		50	0	22.79	24.02	PASS
		50	25	22.79	24.02	PASS
		50	50	22.73	23.96	PASS
		100	0	22.85	24.08	PASS
	HCH	1	0	23.58	24.81	PASS
		1	49	24.19	25.42	PASS
		1	99	23.88	25.11	PASS
		50	0	22.82	24.05	PASS
		50	25	22.82	24.05	PASS
		50	50	22.96	24.19	PASS
		100	0	22.85	24.08	PASS
	LCH	1	0	22.62	23.85	PASS
		1	49	22.74	23.97	PASS
		1	99	23.01	24.24	PASS
		50	0	21.59	22.82	PASS
		50	25	21.61	22.84	PASS
		50	50	21.62	22.85	PASS
		100	0	21.54	22.77	PASS
	MCH	1	0	23.06	24.29	PASS
		1	49	23.40	24.63	PASS
		1	99	22.92	24.15	PASS
		50	0	21.81	23.04	PASS
		50	25	21.81	23.04	PASS
		50	50	21.69	22.92	PASS
		100	0	21.92	23.15	PASS
	HCH	1	0	22.05	23.28	PASS
		1	49	22.77	24.00	PASS
		1	99	22.74	23.97	PASS
		50	0	21.79	23.02	PASS
		50	25	21.81	23.04	PASS
		50	50	22.00	23.23	PASS
		100	0	21.87	23.1	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	3.1	<13	PASS
		1	12	3.13	<13	PASS
		1	24	3.13	<13	PASS
		12	0	4.02	<13	PASS
		12	6	4.01	<13	PASS
		12	13	4.09	<13	PASS
		25	0	4.19	<13	PASS
	MCH	1	0	3.07	<13	PASS
		1	12	2.9	<13	PASS
		1	24	2.96	<13	PASS
		12	0	3.95	<13	PASS
		12	6	3.97	<13	PASS
		12	13	3.84	<13	PASS
		25	0	4.06	<13	PASS
	HCH	1	0	3.23	<13	PASS
		1	12	2.88	<13	PASS
		1	24	2.99	<13	PASS
		12	0	4.14	<13	PASS
		12	6	4.14	<13	PASS
		12	13	4.06	<13	PASS
		25	0	4.24	<13	PASS
16QAM	LCH	1	0	3.97	<13	PASS
		1	12	3.86	<13	PASS
		1	24	3.96	<13	PASS
		12	0	4.95	<13	PASS
		12	6	4.95	<13	PASS

		12	13	5	<13	PASS
		25	0	5.05	<13	PASS
	MCH	1	0	4	<13	PASS
		1	12	3.74	<13	PASS
		1	24	3.77	<13	PASS
		12	0	4.81	<13	PASS
		12	6	4.8	<13	PASS
		12	13	4.76	<13	PASS
		25	0	4.9	<13	PASS
	HCH	1	0	3.9	<13	PASS
		1	12	3.83	<13	PASS
		1	24	3.81	<13	PASS
		12	0	5	<13	PASS
		12	6	4.98	<13	PASS
		12	13	4.91	<13	PASS
		25	0	5.07	<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	2.98	<13	PASS
		1	24	3.1	<13	PASS
		1	49	3.26	<13	PASS
		25	0	4.06	<13	PASS
		25	12	4.04	<13	PASS
		25	25	4.24	<13	PASS
		50	0	4.34	<13	PASS
	MCH	1	0	3.12	<13	PASS
		1	24	2.91	<13	PASS
		1	49	2.93	<13	PASS
		25	0	4.01	<13	PASS
		25	12	4	<13	PASS
		25	25	3.86	<13	PASS
		50	0	4.09	<13	PASS
	HCH	1	0	3.26	<13	PASS
		1	24	2.79	<13	PASS
		1	49	2.84	<13	PASS
		25	0	4.26	<13	PASS

16QAM		25	12	4.26	<13	PASS
		25	25	4.1	<13	PASS
		50	0	4.3	<13	PASS
	LCH	1	0	3.86	<13	PASS
		1	24	3.76	<13	PASS
		1	49	4.08	<13	PASS
		25	0	4.92	<13	PASS
		25	12	4.93	<13	PASS
		25	25	5.11	<13	PASS
		50	0	5.15	<13	PASS
	MCH	1	0	3.95	<13	PASS
		1	24	3.54	<13	PASS
		1	49	3.6	<13	PASS
		25	0	4.95	<13	PASS
		25	12	4.94	<13	PASS
		25	25	4.78	<13	PASS
		50	0	4.91	<13	PASS
	HCH	1	0	4.11	<13	PASS
		1	24	3.91	<13	PASS
		1	49	3.91	<13	PASS
		25	0	5.12	<13	PASS
		25	12	5.12	<13	PASS
		25	25	4.95	<13	PASS
		50	0	5.23	<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	2.88	<13	PASS
		1	37	3.19	<13	PASS
		1	74	3.25	<13	PASS
		37	0	4.69	<13	PASS
		37	18	4.7	<13	PASS
		37	38	4.68	<13	PASS
		75	0	4.69	<13	PASS
	MCH	1	0	3.13	<13	PASS
		1	37	2.84	<13	PASS
		1	74	3.01	<13	PASS

16QAM		37	0	4.39	<13	PASS
		37	18	4.42	<13	PASS
		37	38	4.4	<13	PASS
		75	0	4.41	<13	PASS
	HCH	1	0	3.25	<13	PASS
		1	37	3.01	<13	PASS
		1	74	2.89	<13	PASS
		37	0	4.62	<13	PASS
		37	18	4.6	<13	PASS
		37	38	4.6	<13	PASS
		75	0	4.61	<13	PASS
	LCH	1	0	3.48	<13	PASS
		1	37	3.96	<13	PASS
		1	74	4.21	<13	PASS
		37	0	4.7	<13	PASS
		37	18	4.7	<13	PASS
		37	38	4.7	<13	PASS
		75	0	5.42	<13	PASS
	MCH	1	0	3.96	<13	PASS
		1	37	3.69	<13	PASS
		1	74	3.71	<13	PASS
		37	0	4.41	<13	PASS
		37	18	4.41	<13	PASS
		37	38	4.41	<13	PASS
		75	0	5.14	<13	PASS
	HCH	1	0	4.27	<13	PASS
		1	37	4.04	<13	PASS
		1	74	3.95	<13	PASS
		37	0	4.6	<13	PASS
		37	18	4.6	<13	PASS
		37	38	4.61	<13	PASS
		75	0	5.43	<13	PASS

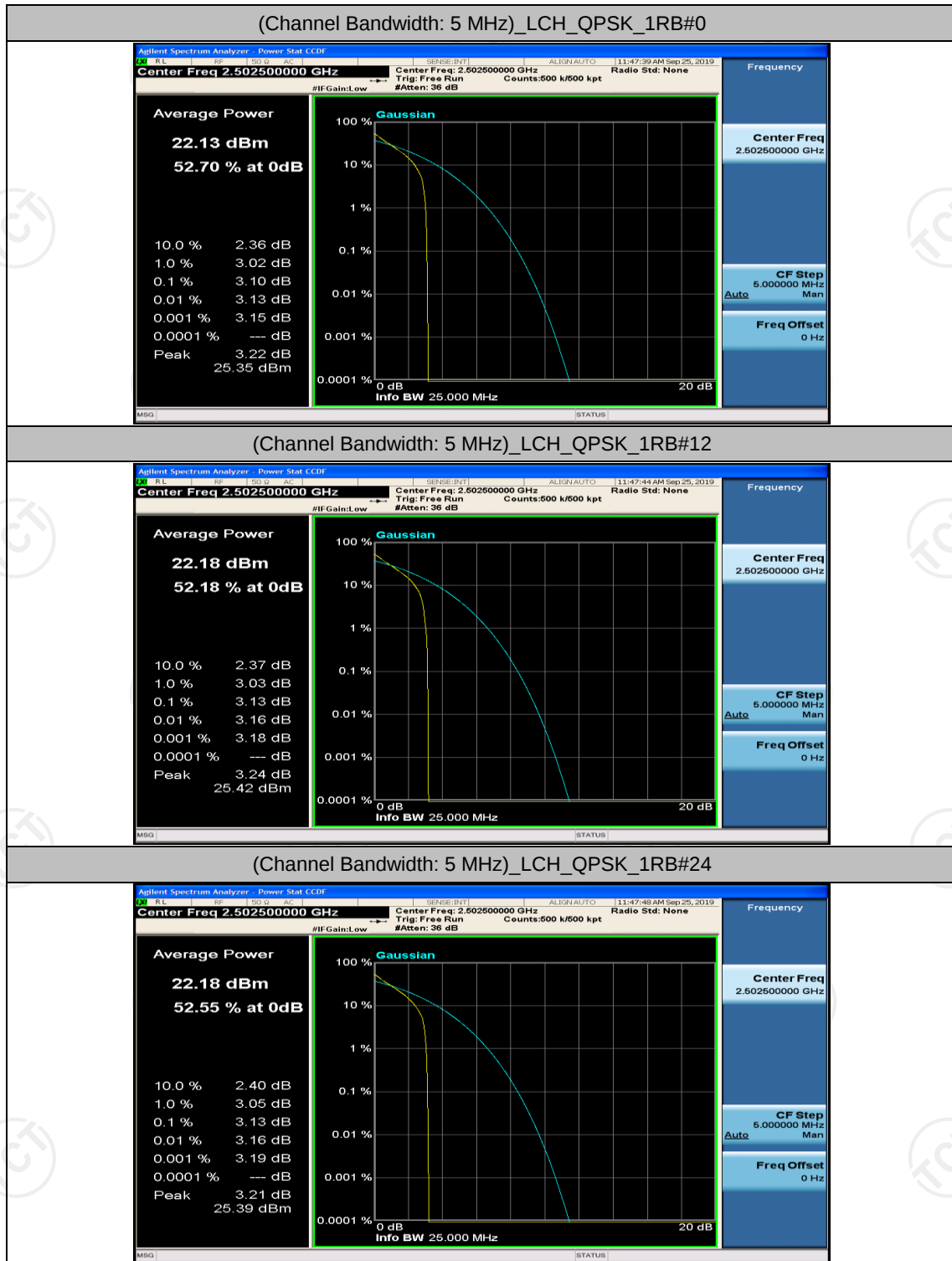
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	2.94	<13	PASS
		1	49	3.2	<13	PASS

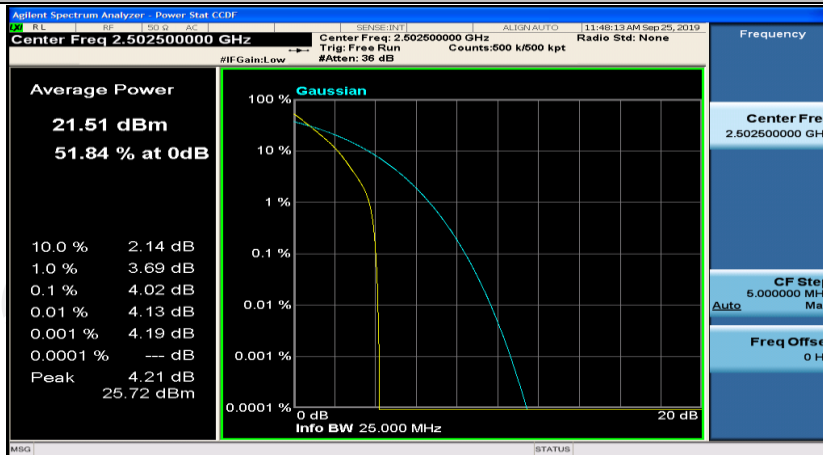
		1	99	3.18	<13	PASS
		50	0	4.26	<13	PASS
		50	25	4.26	<13	PASS
		50	50	4.47	<13	PASS
		100	0	4.72	<13	PASS
	MCH	1	0	3.2	<13	PASS
		1	49	2.79	<13	PASS
		1	99	3.01	<13	PASS
		50	0	4.19	<13	PASS
		50	25	4.16	<13	PASS
		50	50	3.95	<13	PASS
		100	0	4.44	<13	PASS
	HCH	1	0	3.24	<13	PASS
		1	49	3.17	<13	PASS
		1	99	2.93	<13	PASS
		50	0	4.46	<13	PASS
		50	25	4.45	<13	PASS
		50	50	4.23	<13	PASS
		100	0	4.69	<13	PASS
16QAM	LCH	1	0	3.77	<13	PASS
		1	49	3.89	<13	PASS
		1	99	3.93	<13	PASS
		50	0	5.11	<13	PASS
		50	25	5.1	<13	PASS
		50	50	5.37	<13	PASS
		100	0	5.51	<13	PASS
	MCH	1	0	3.91	<13	PASS
		1	49	3.35	<13	PASS
		1	99	3.86	<13	PASS
		50	0	5.02	<13	PASS
		50	25	5.04	<13	PASS
		50	50	4.78	<13	PASS
		100	0	5.25	<13	PASS
	HCH	1	0	3.98	<13	PASS
		1	49	3.82	<13	PASS
		1	99	3.57	<13	PASS
		50	0	5.39	<13	PASS
		50	25	5.42	<13	PASS
		50	50	5.23	<13	PASS
		100	0	5.51	<13	PASS

Test Graphs

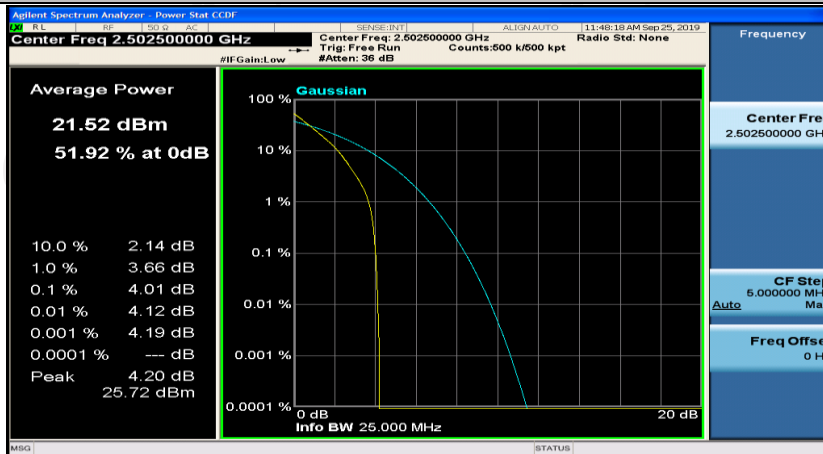
Channel Bandwidth: 5 MHz



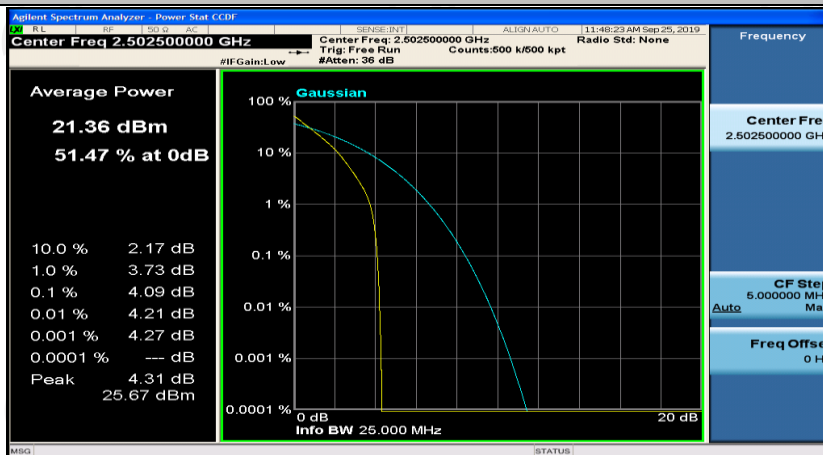
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



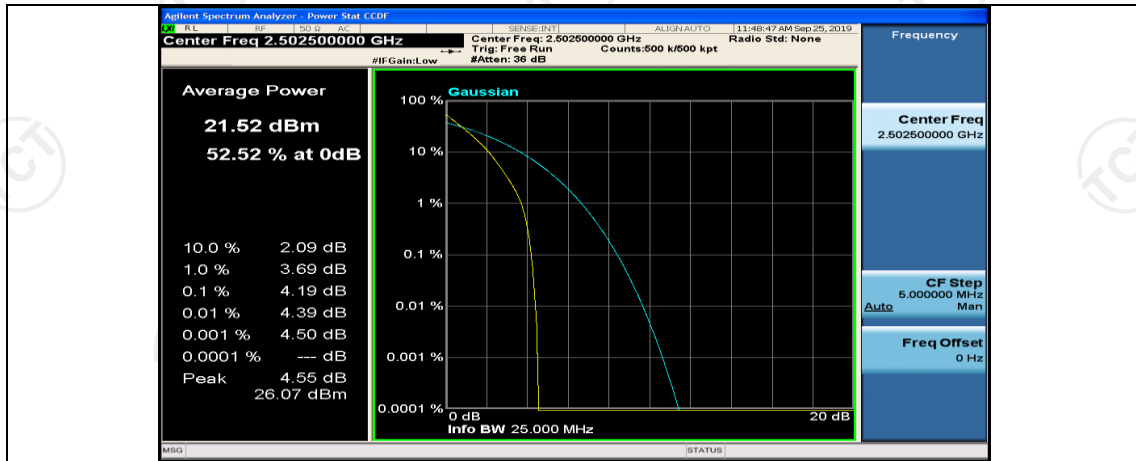
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



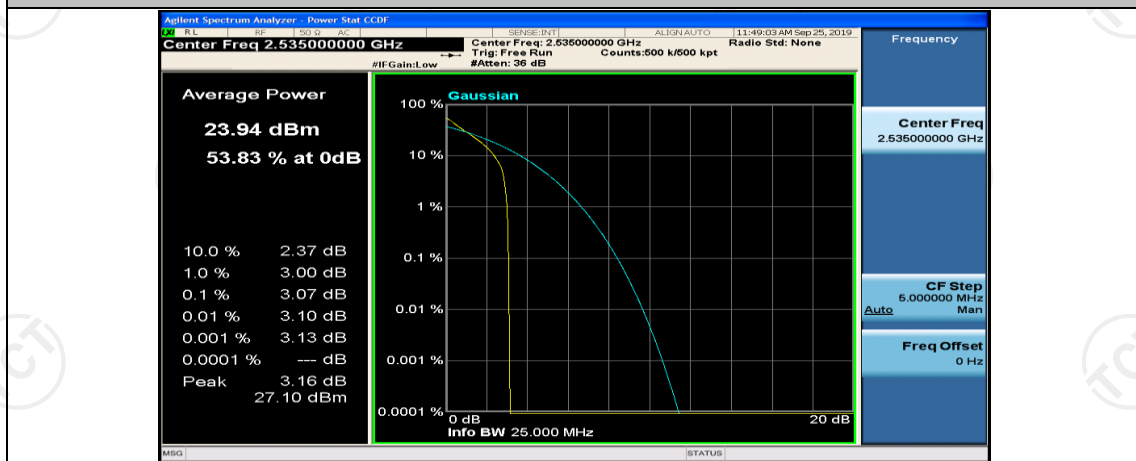
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



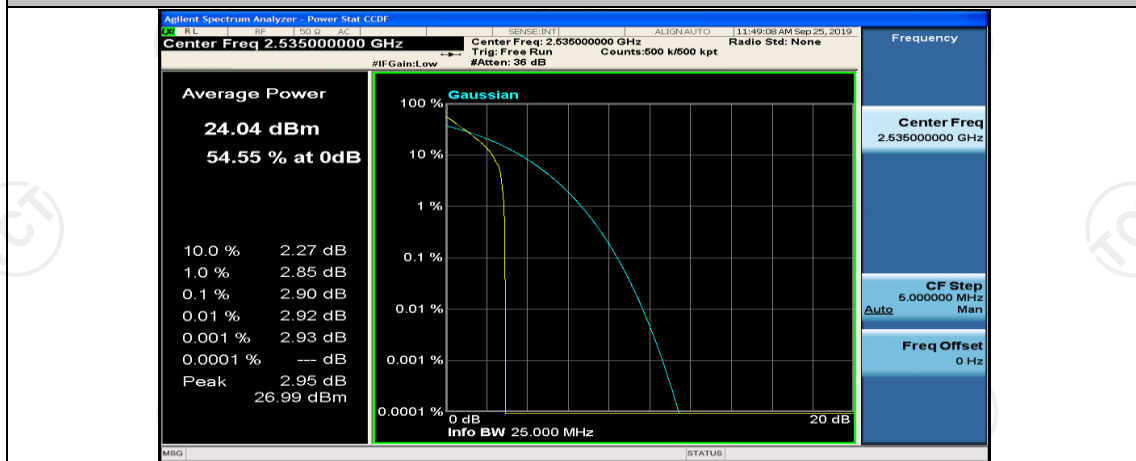
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



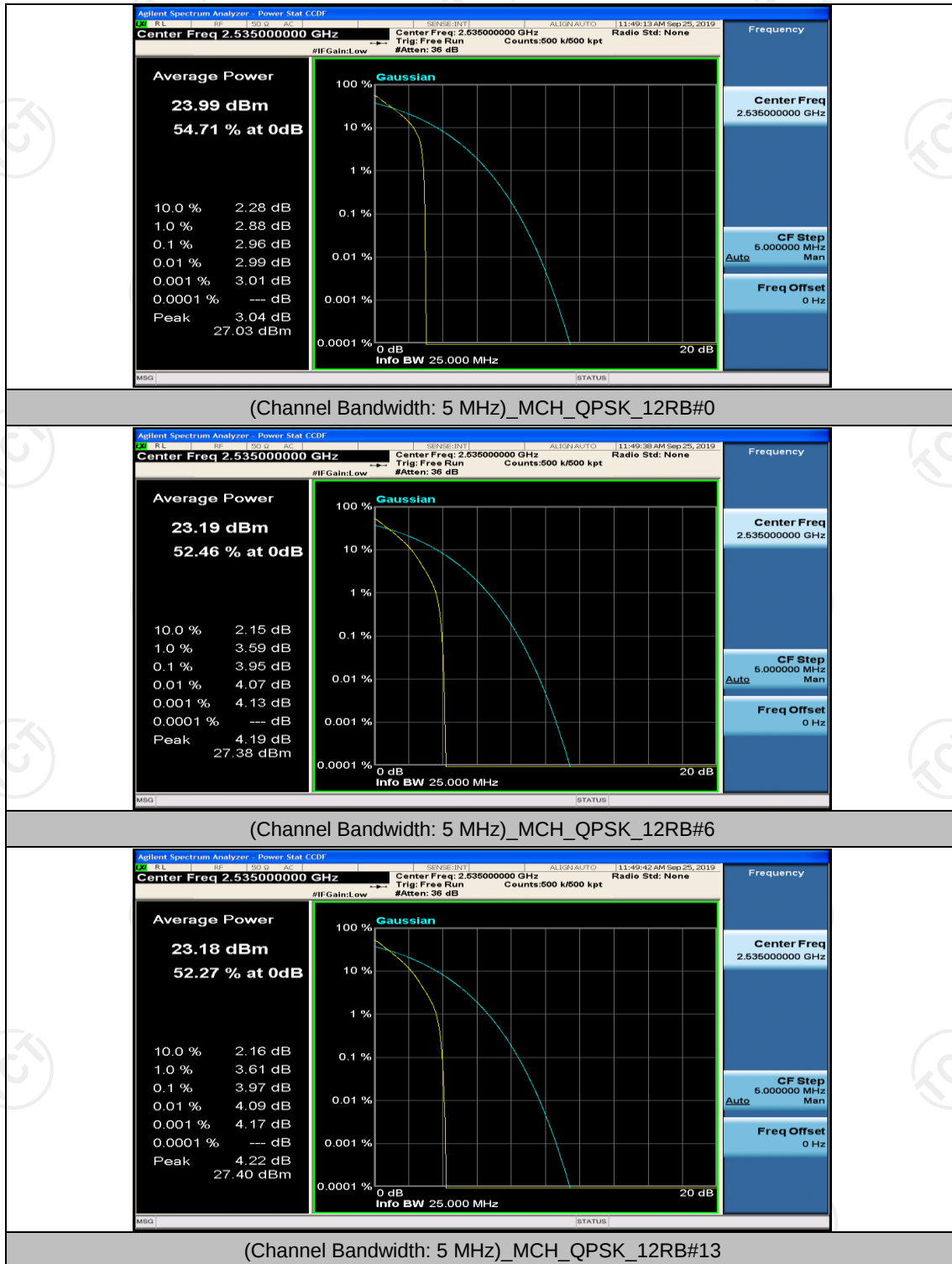
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

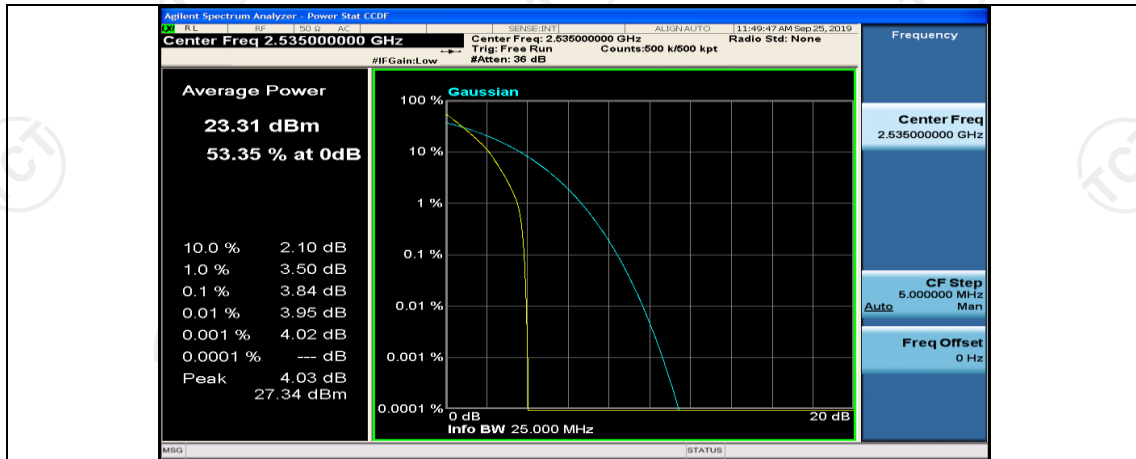


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

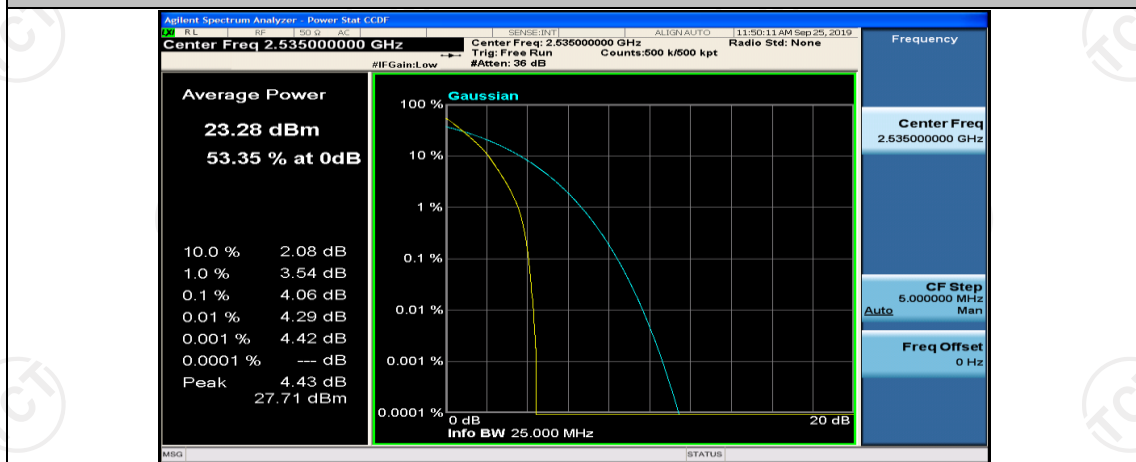


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

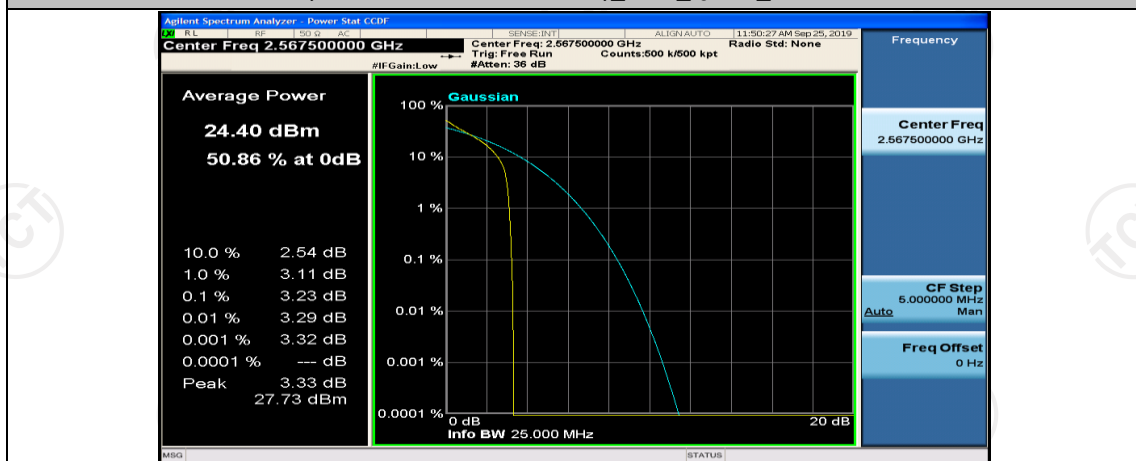




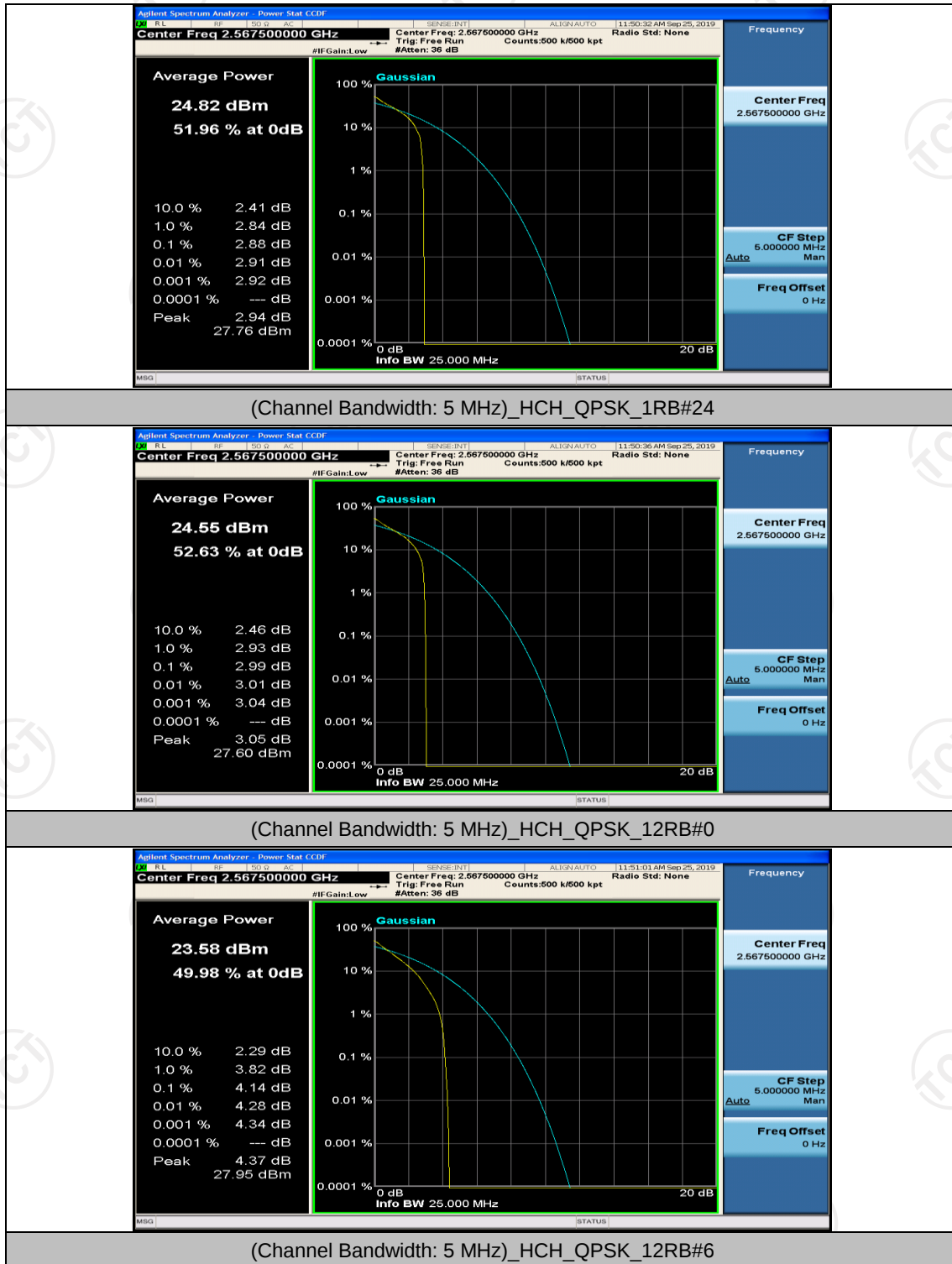
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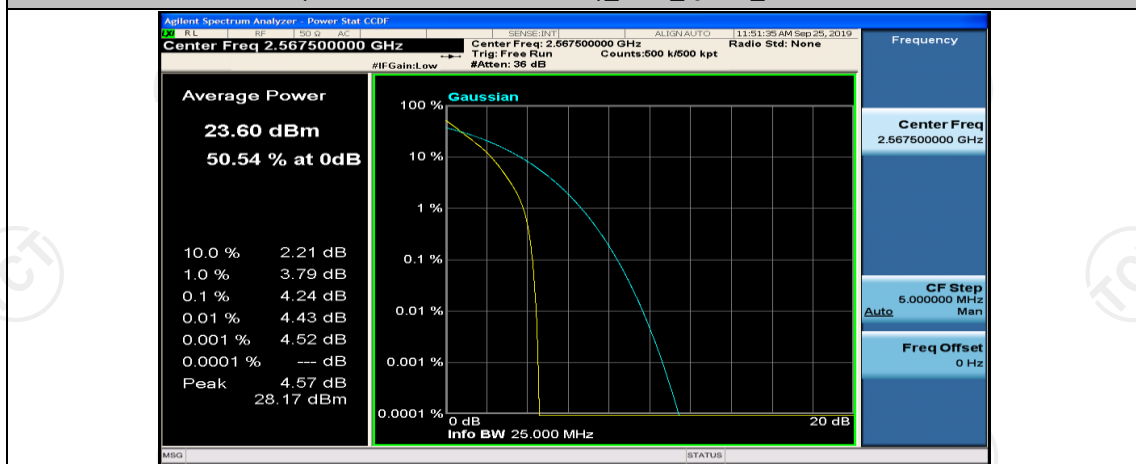
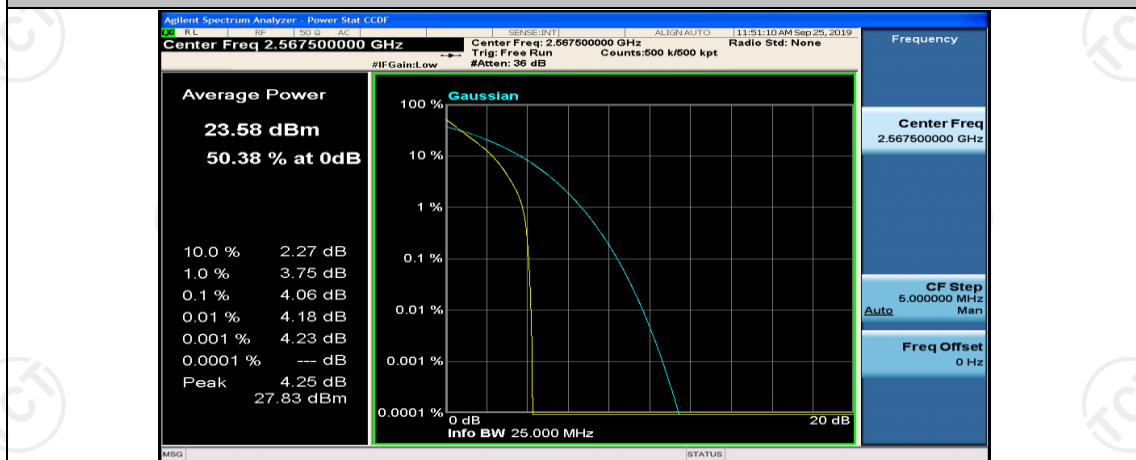
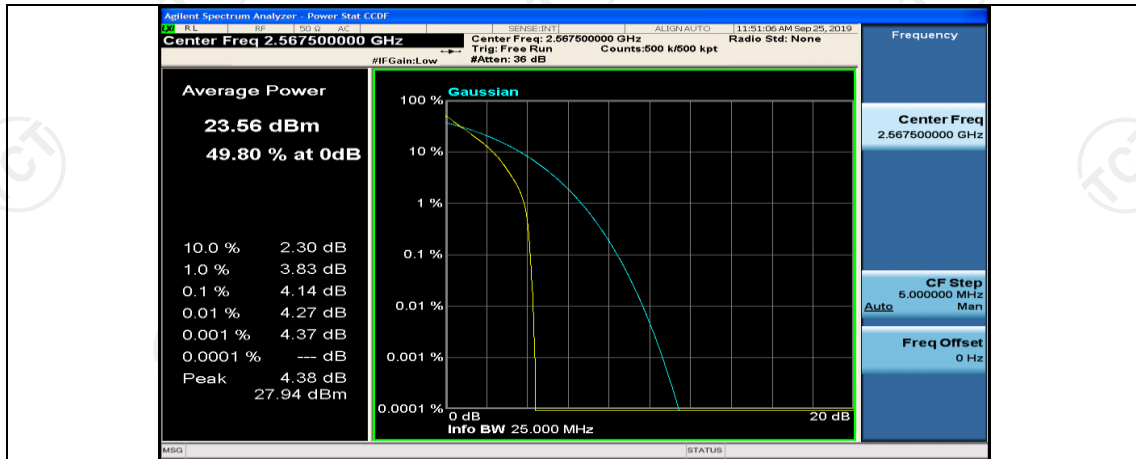


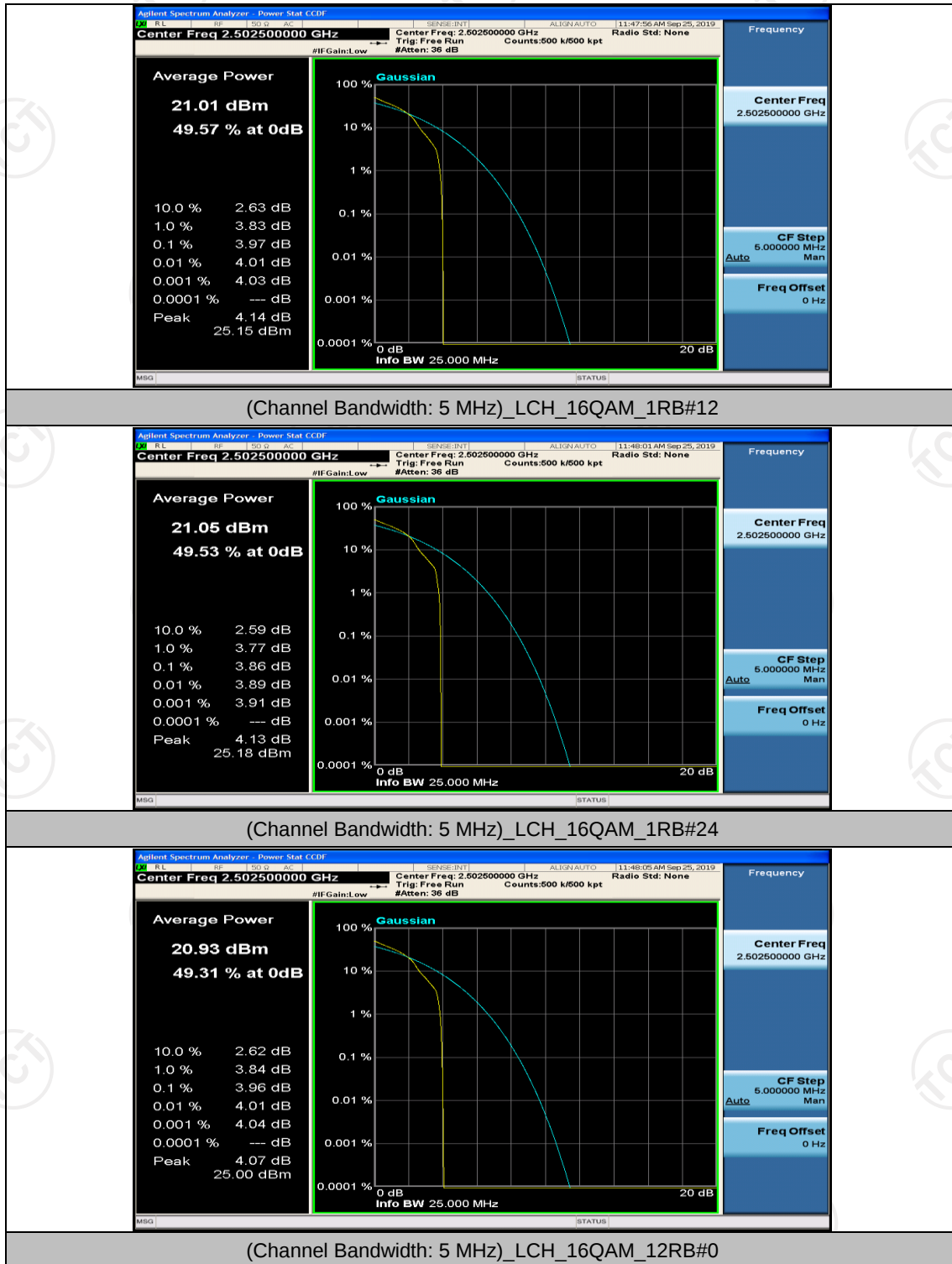
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

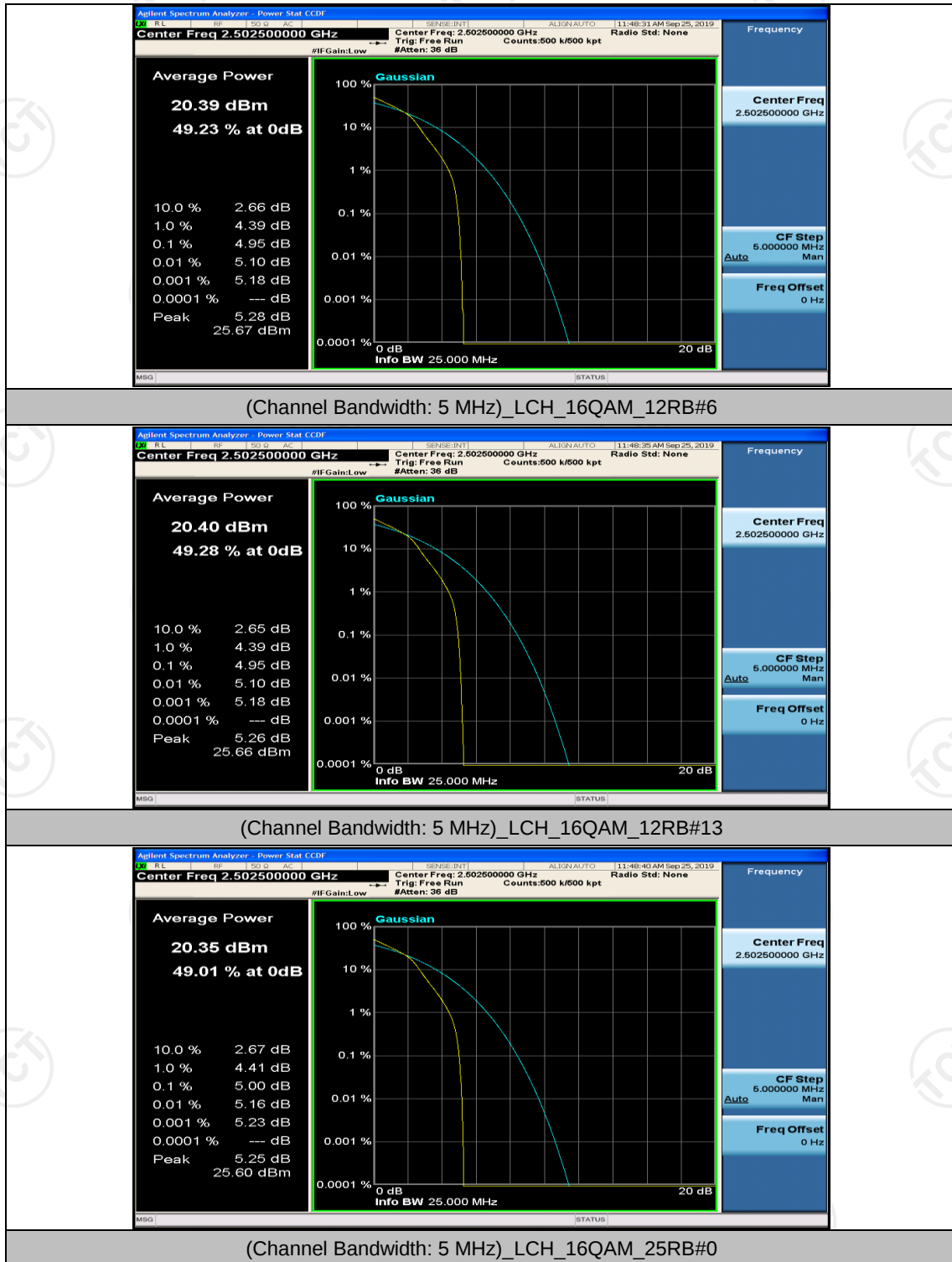


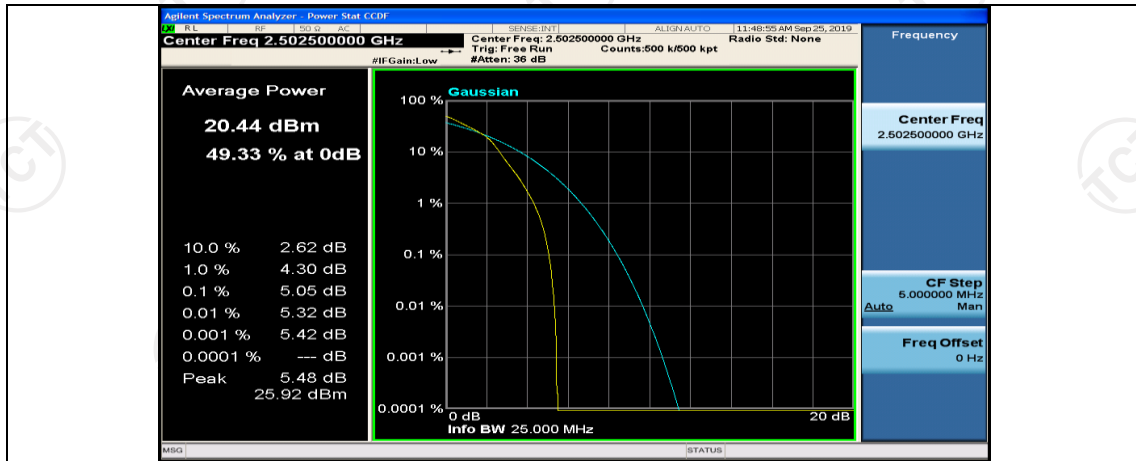
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



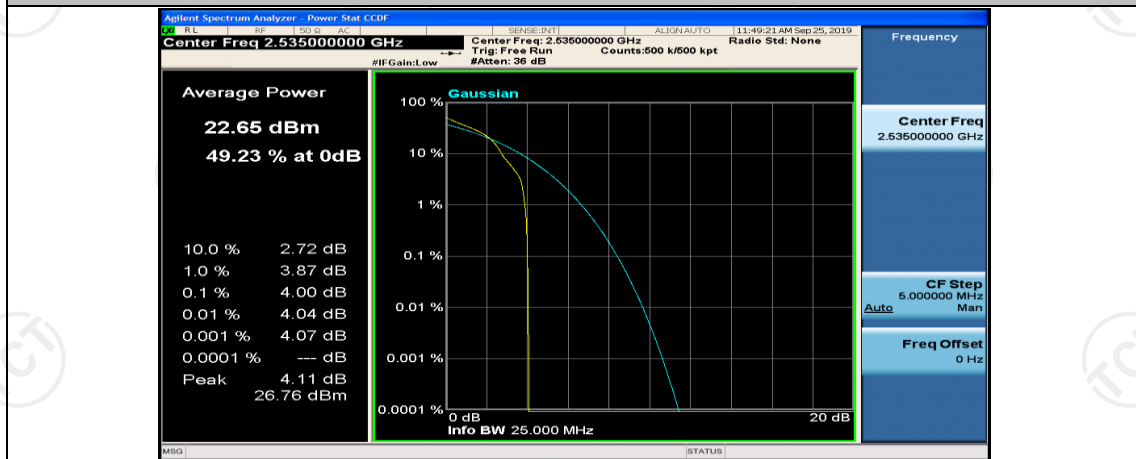




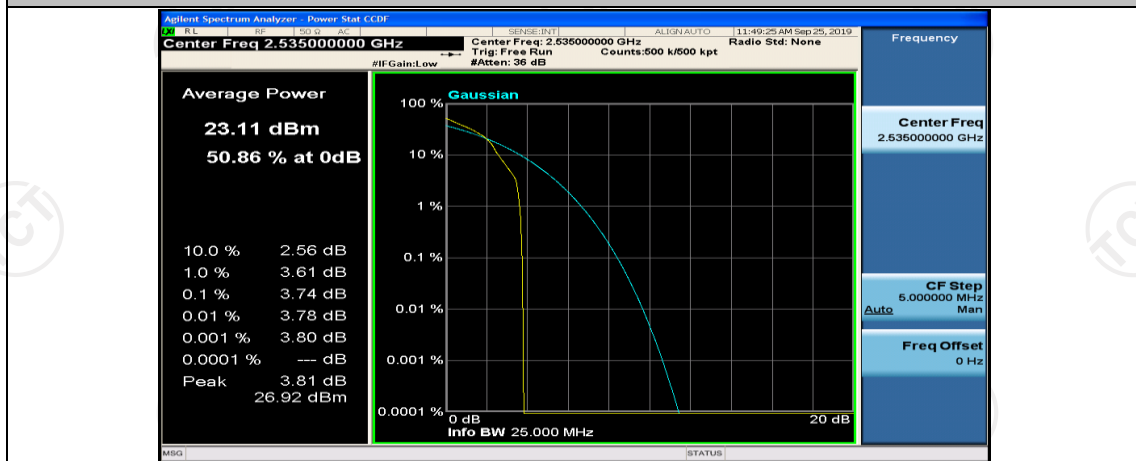




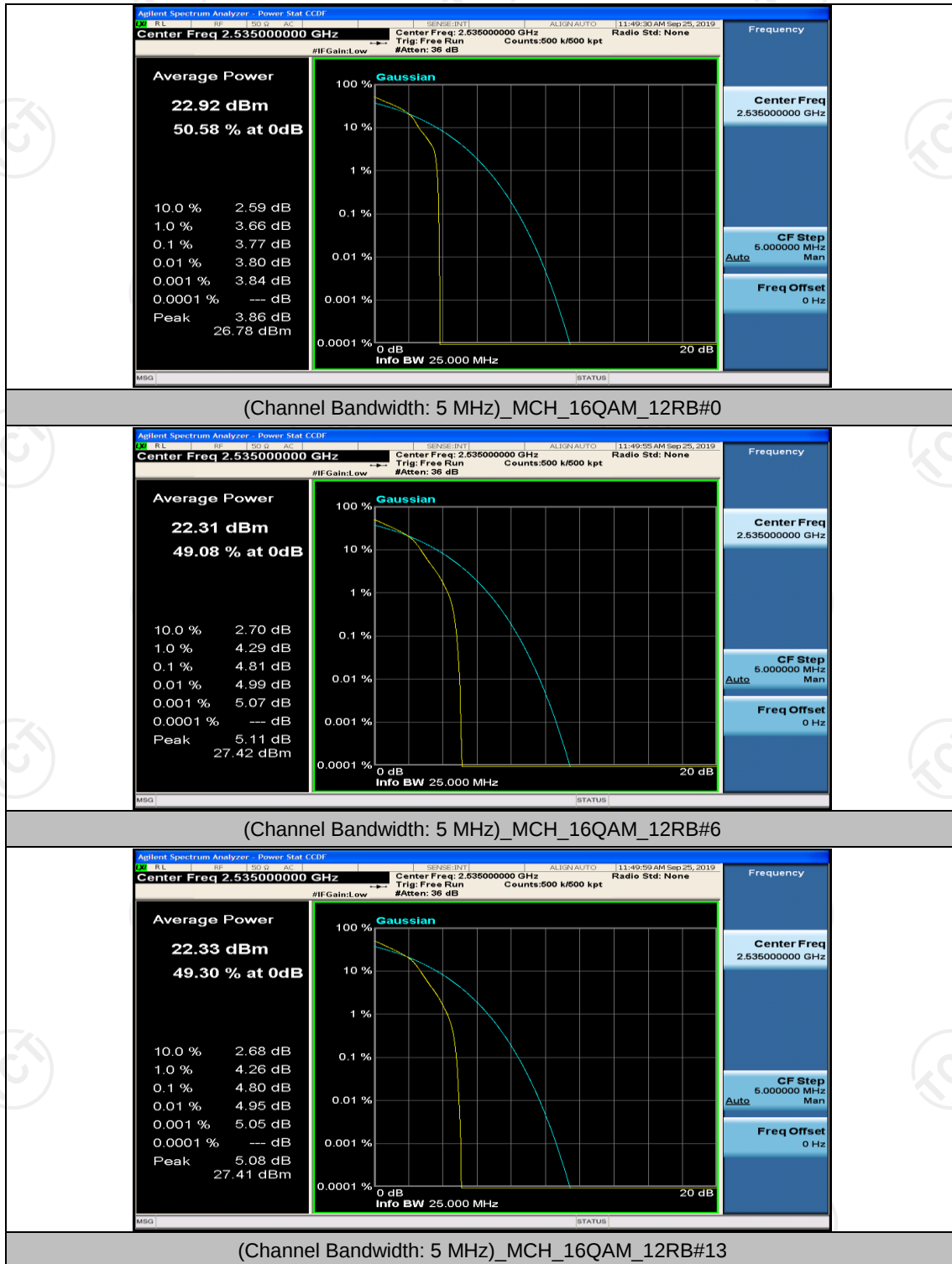
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

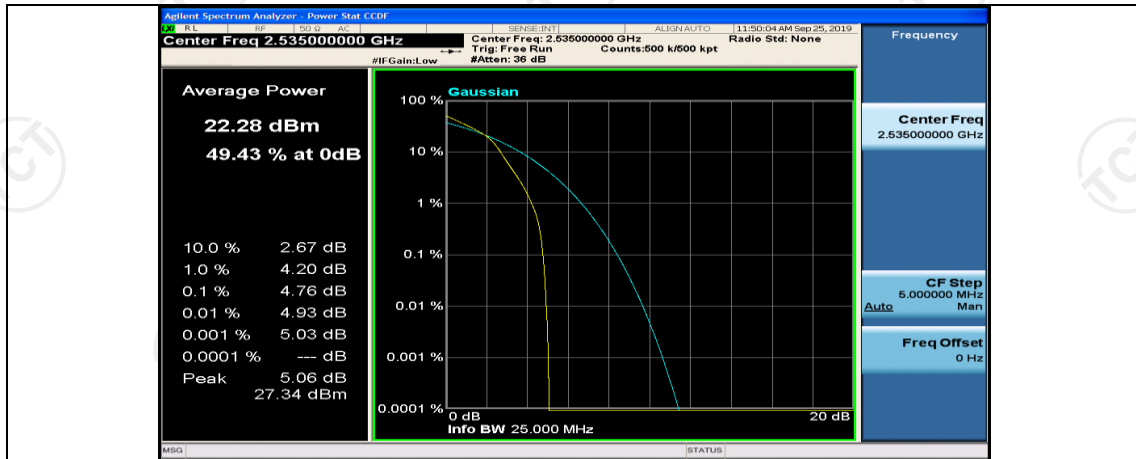


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

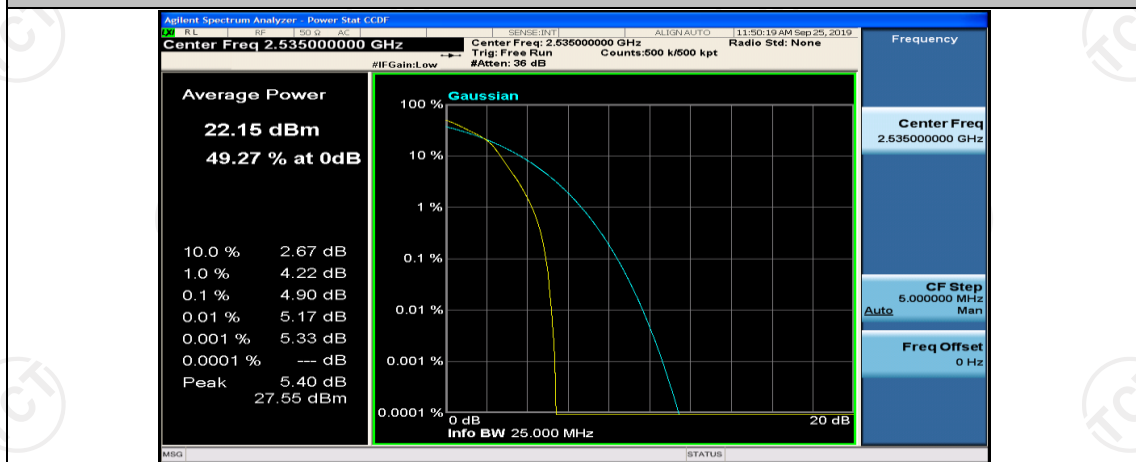


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

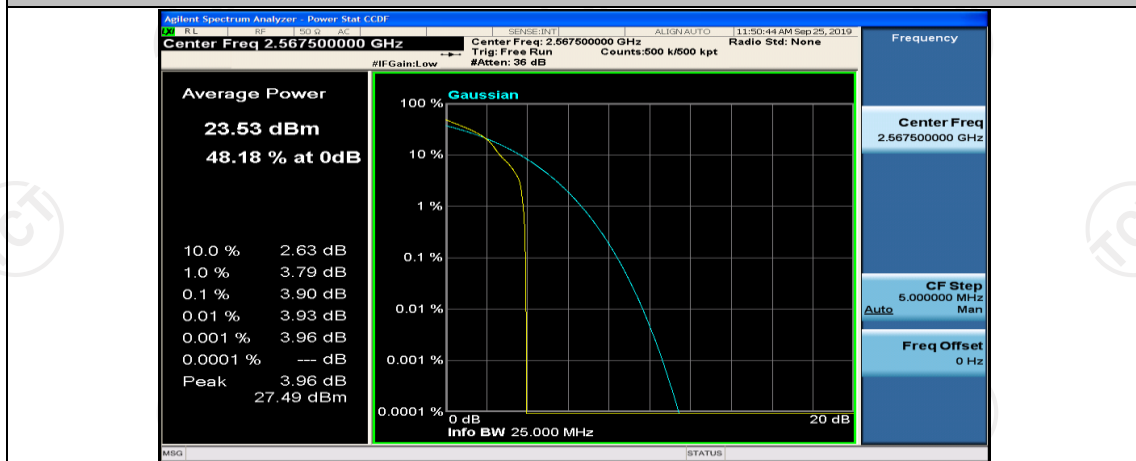




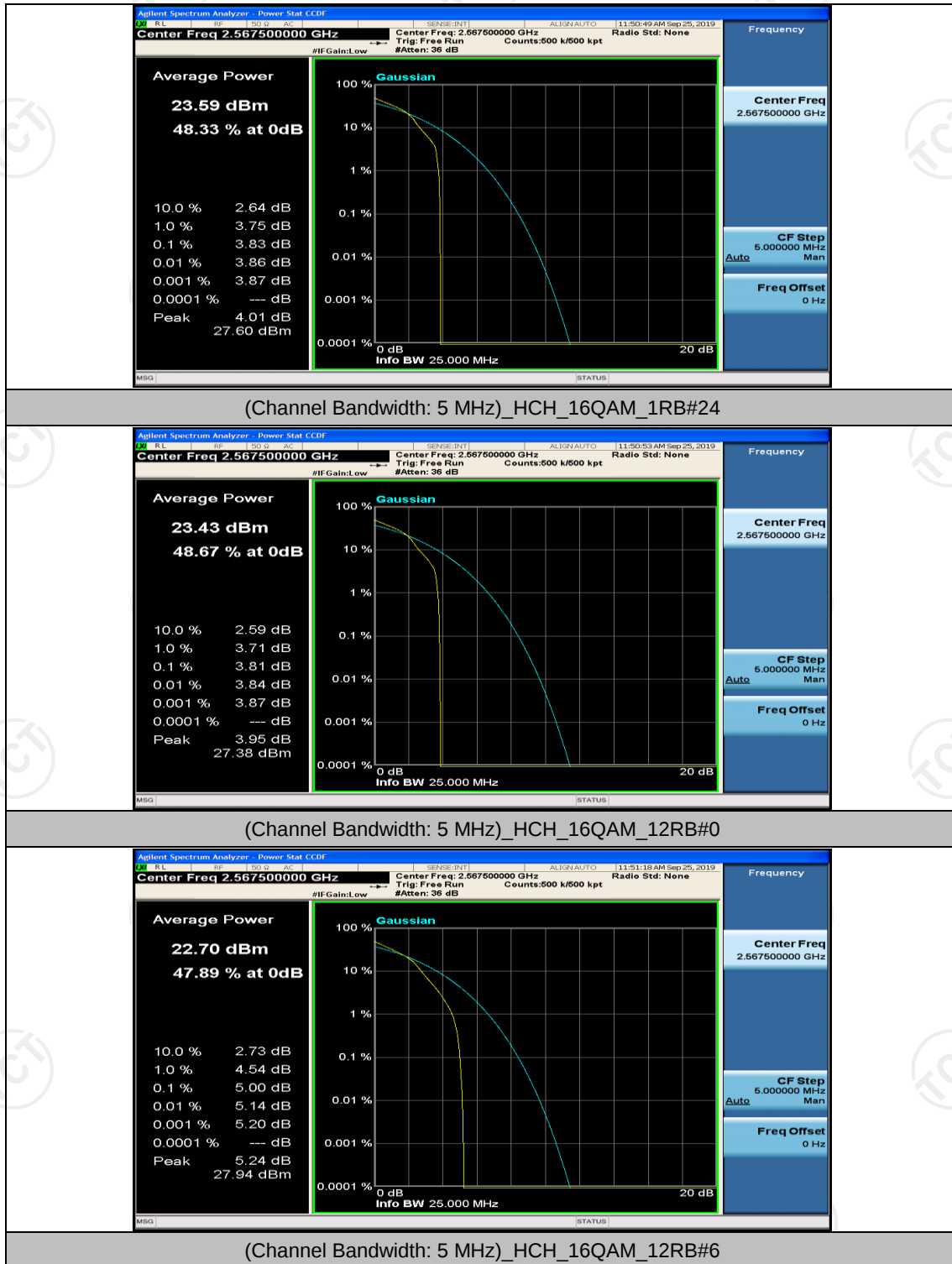
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

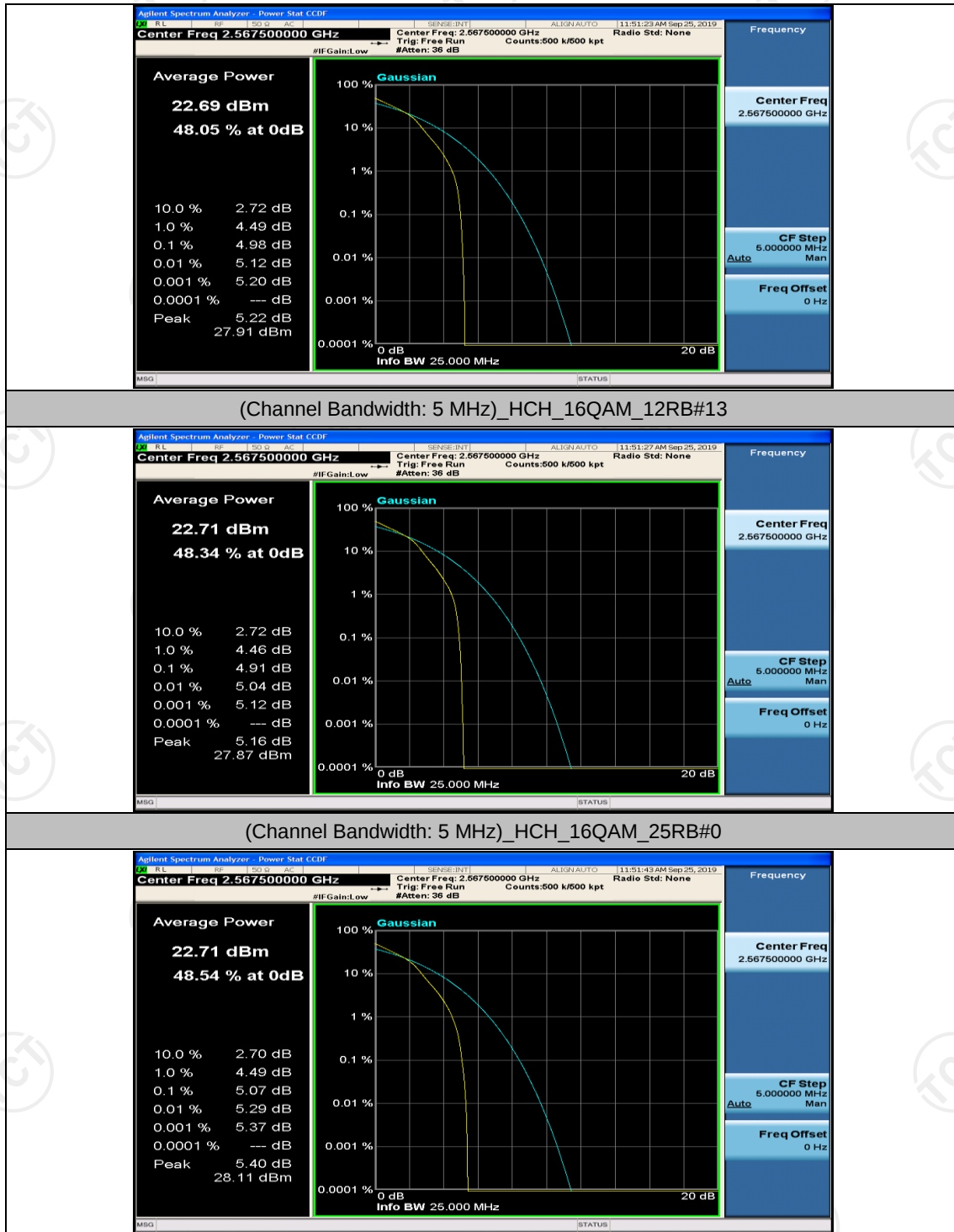


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



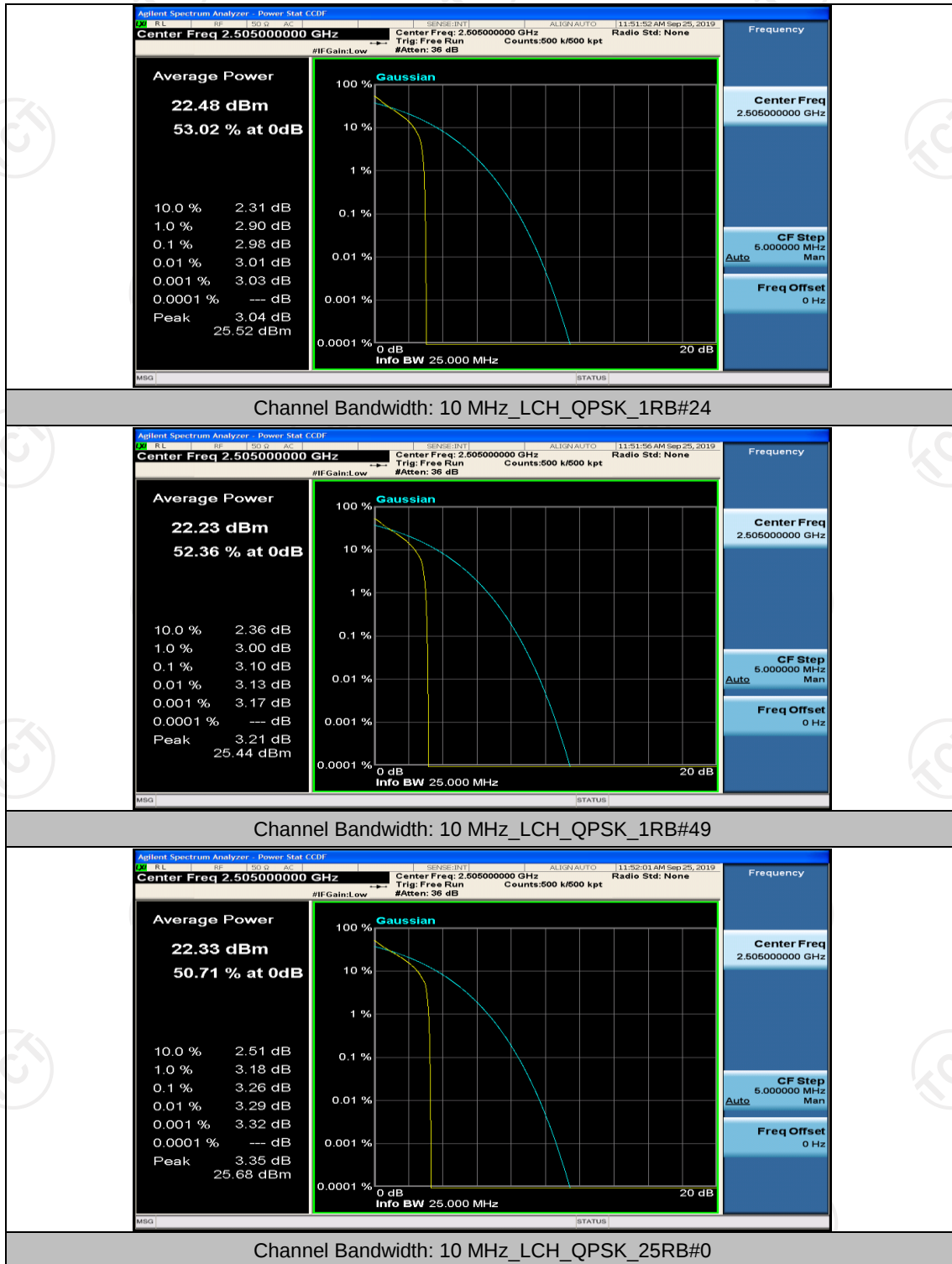
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

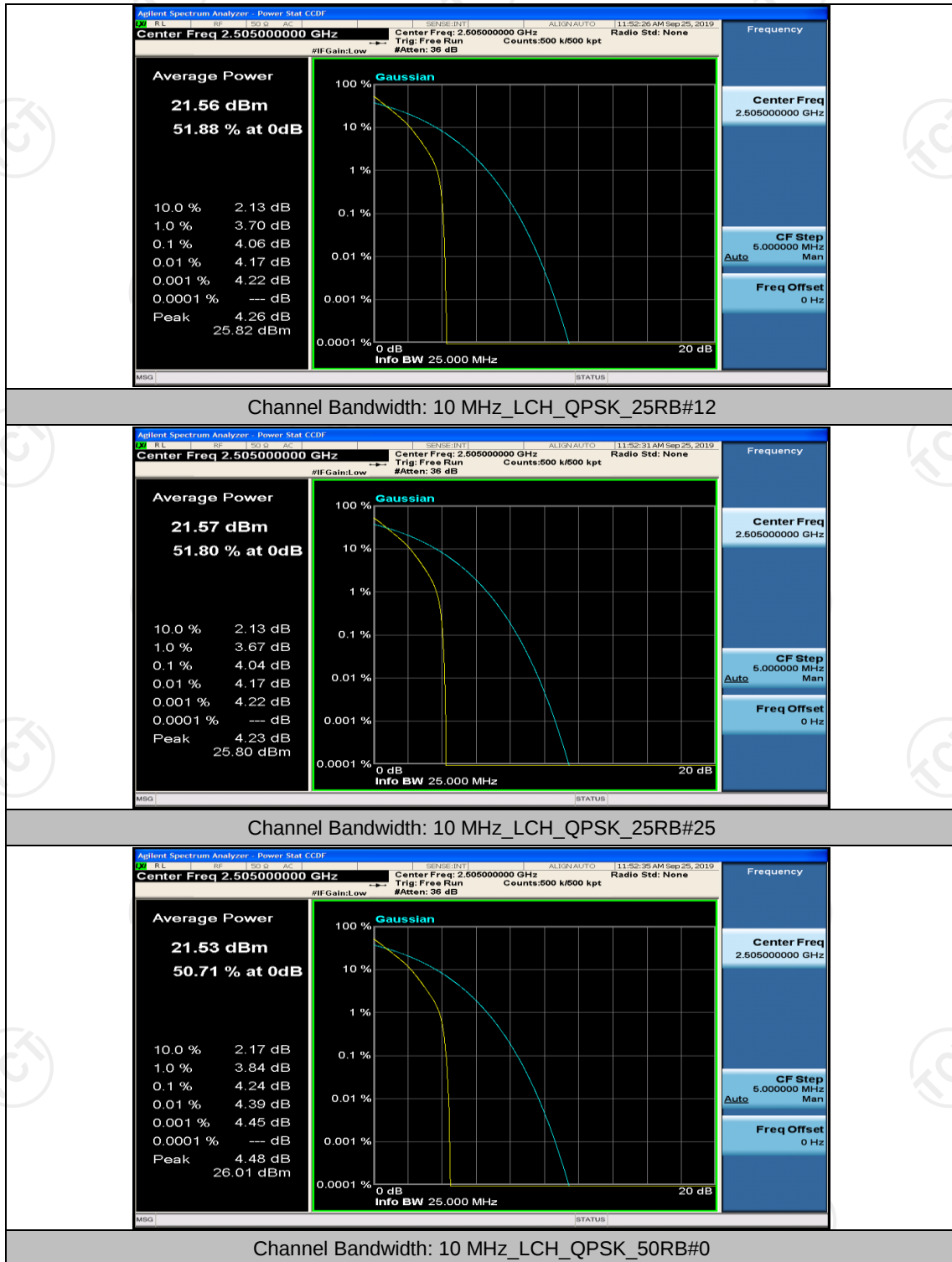


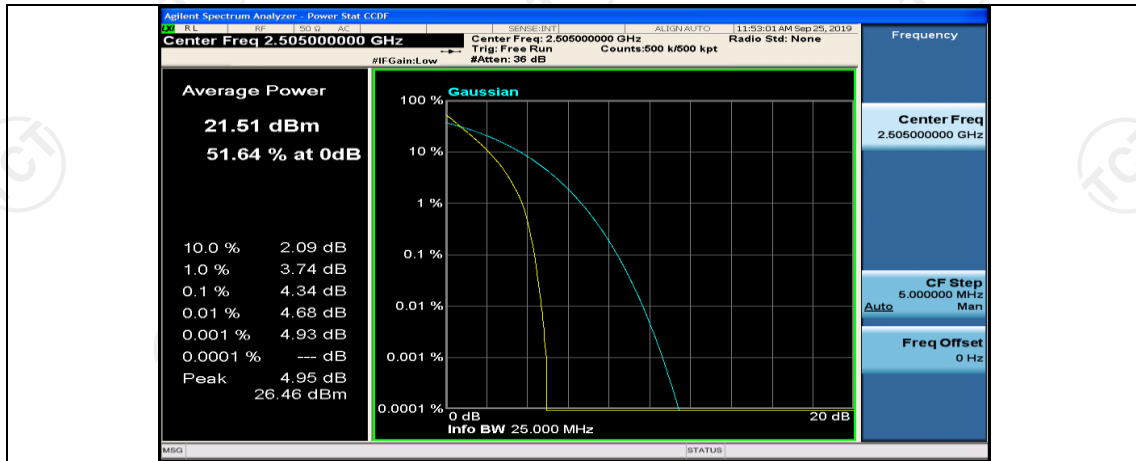


Channel Bandwidth: 10 MHz

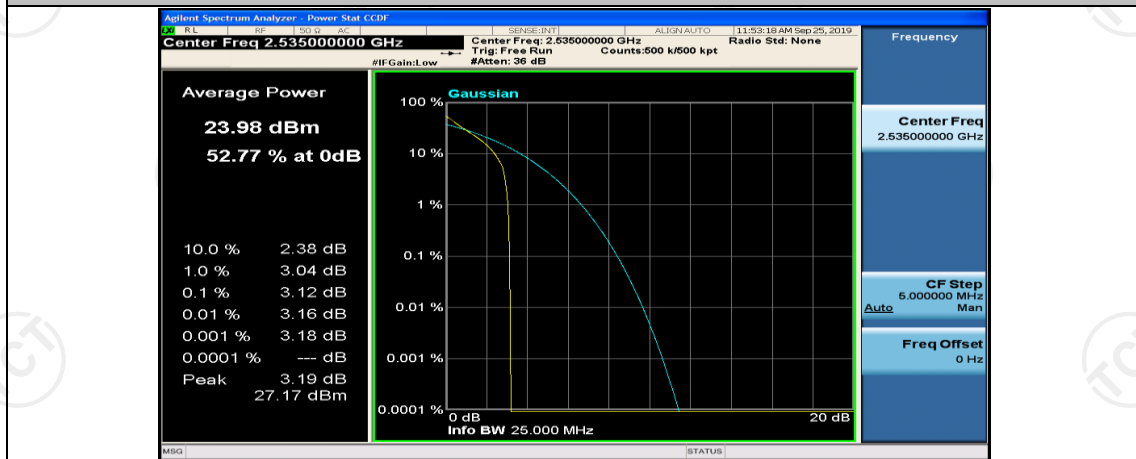
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0



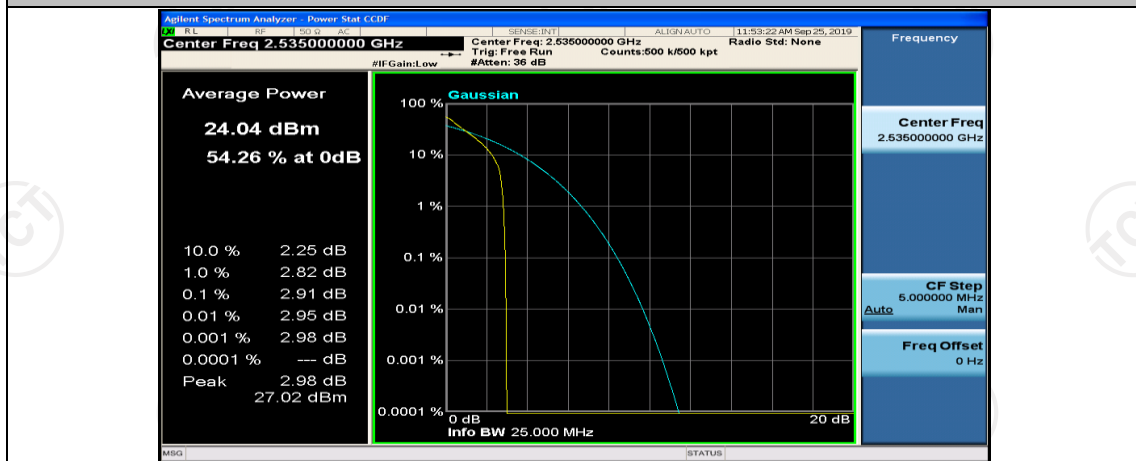




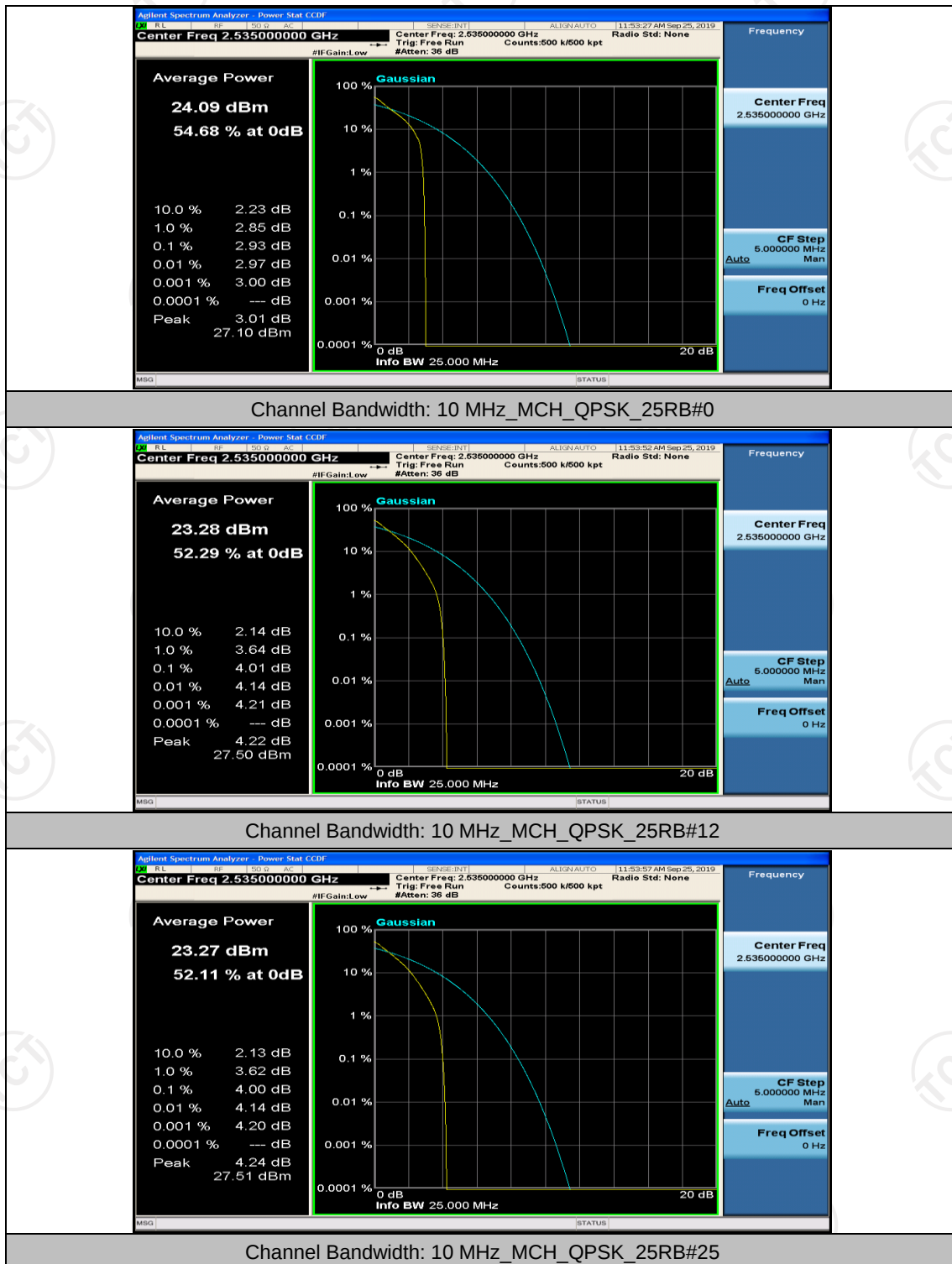
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

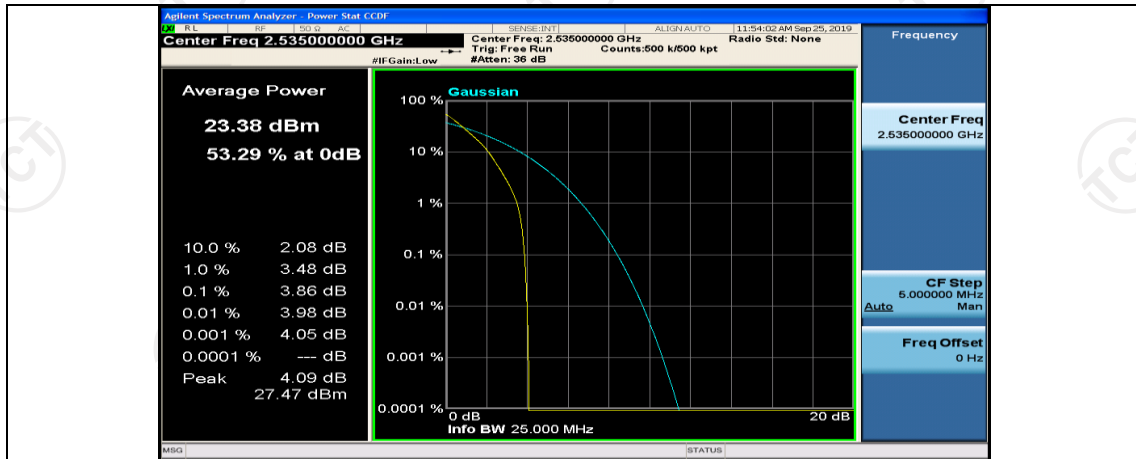


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

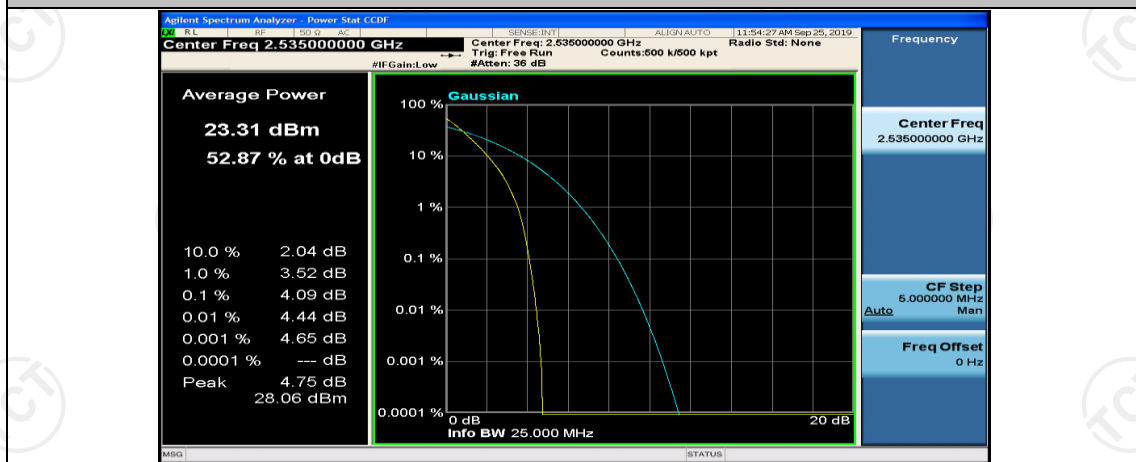


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

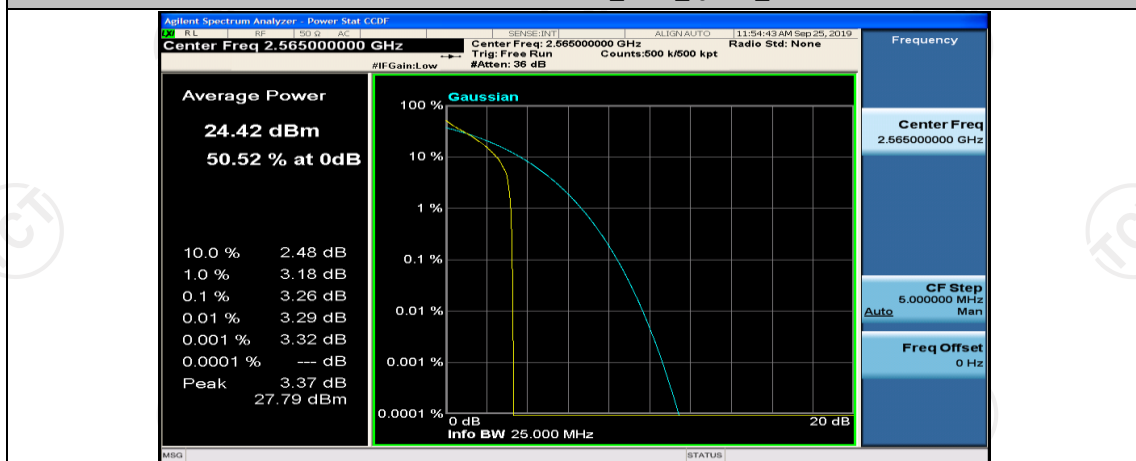




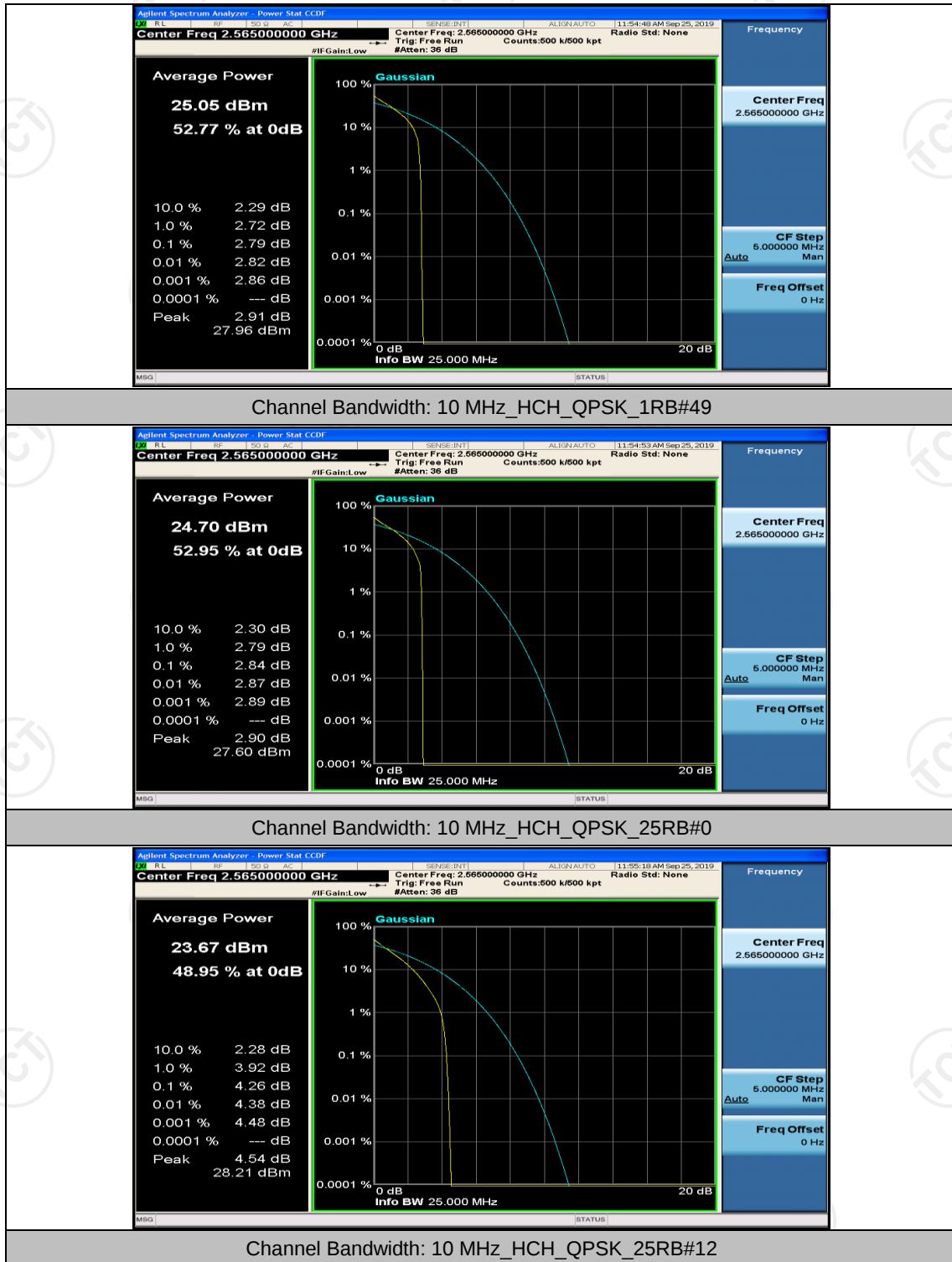
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

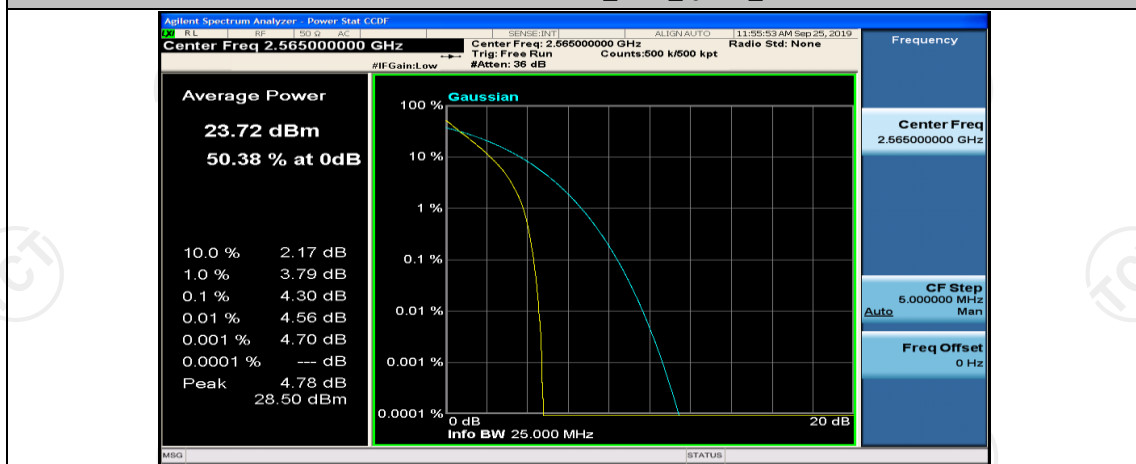
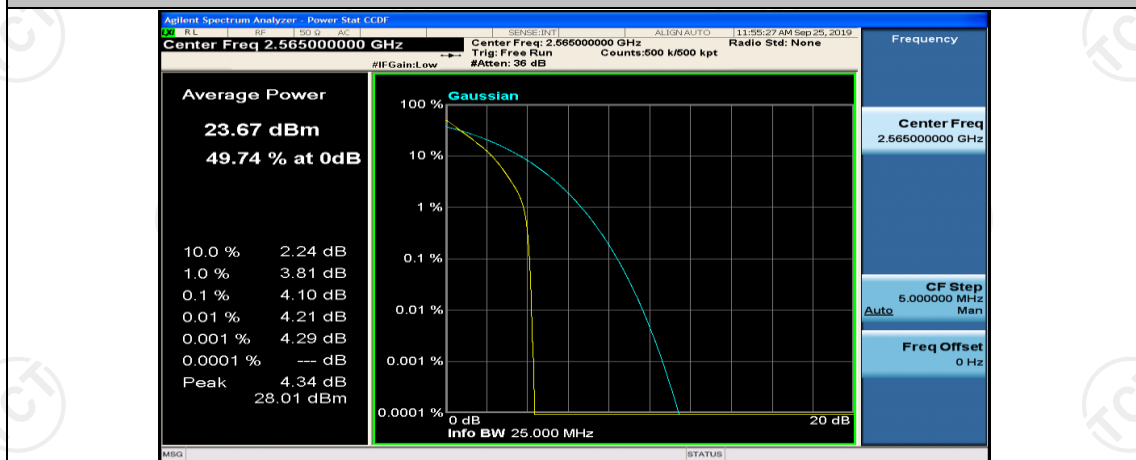
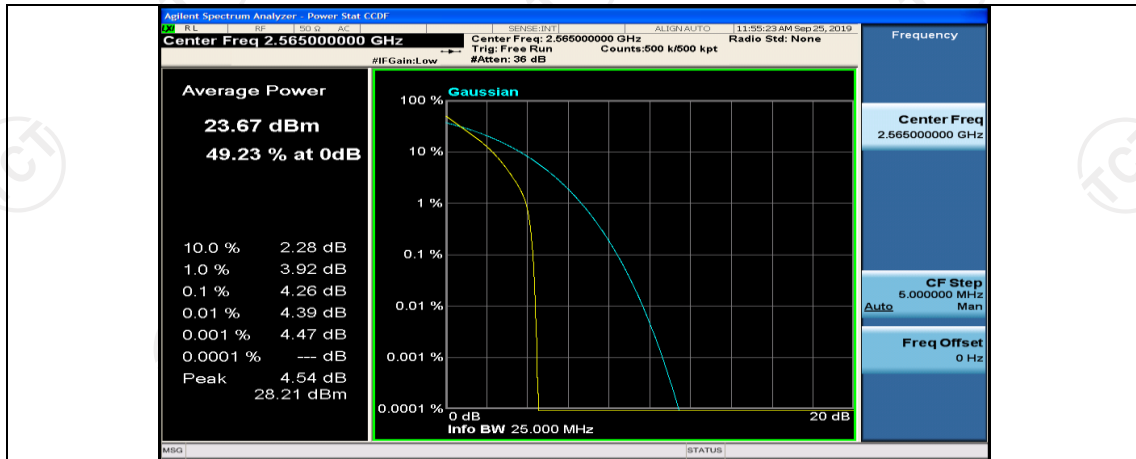


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

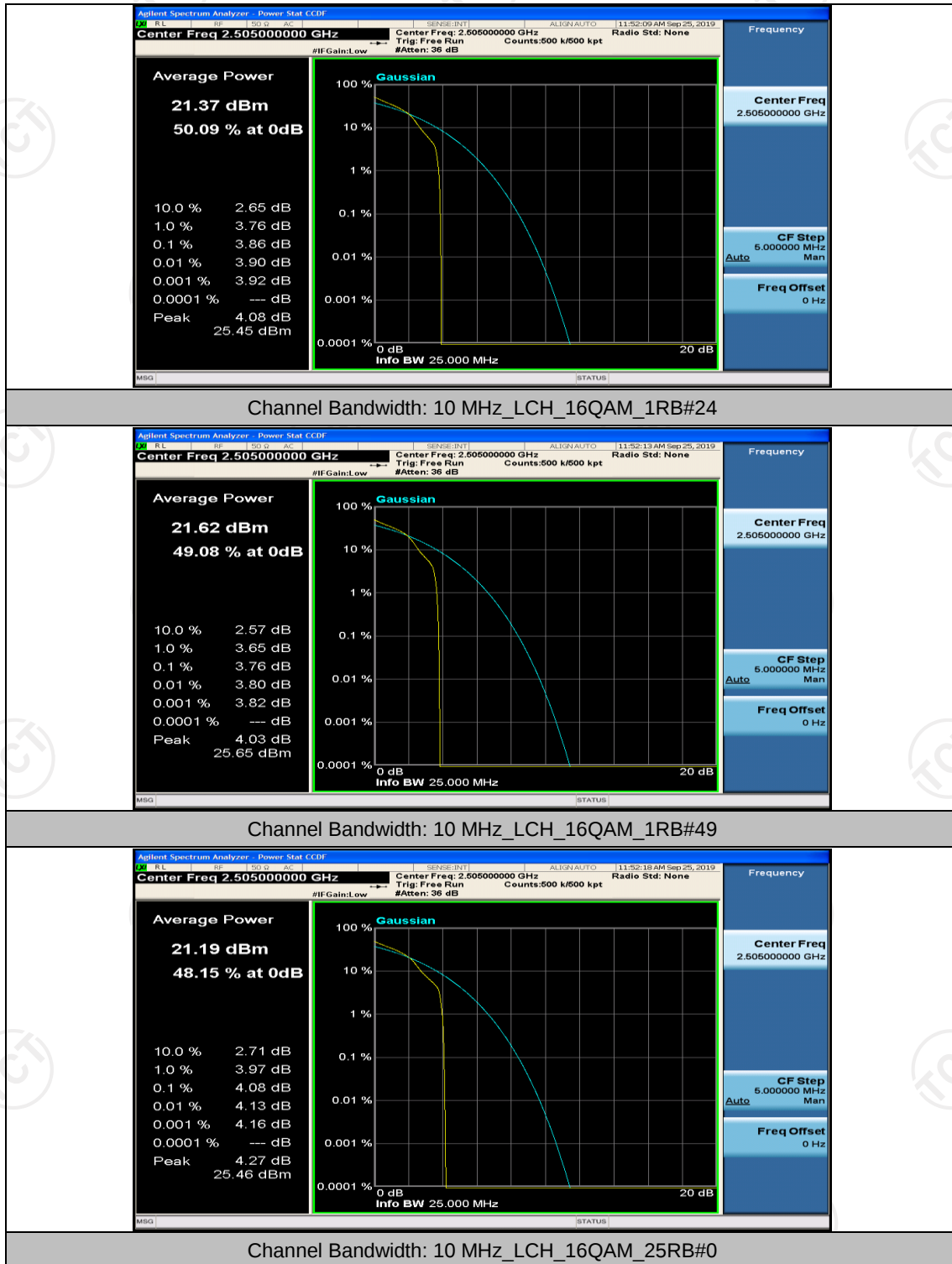


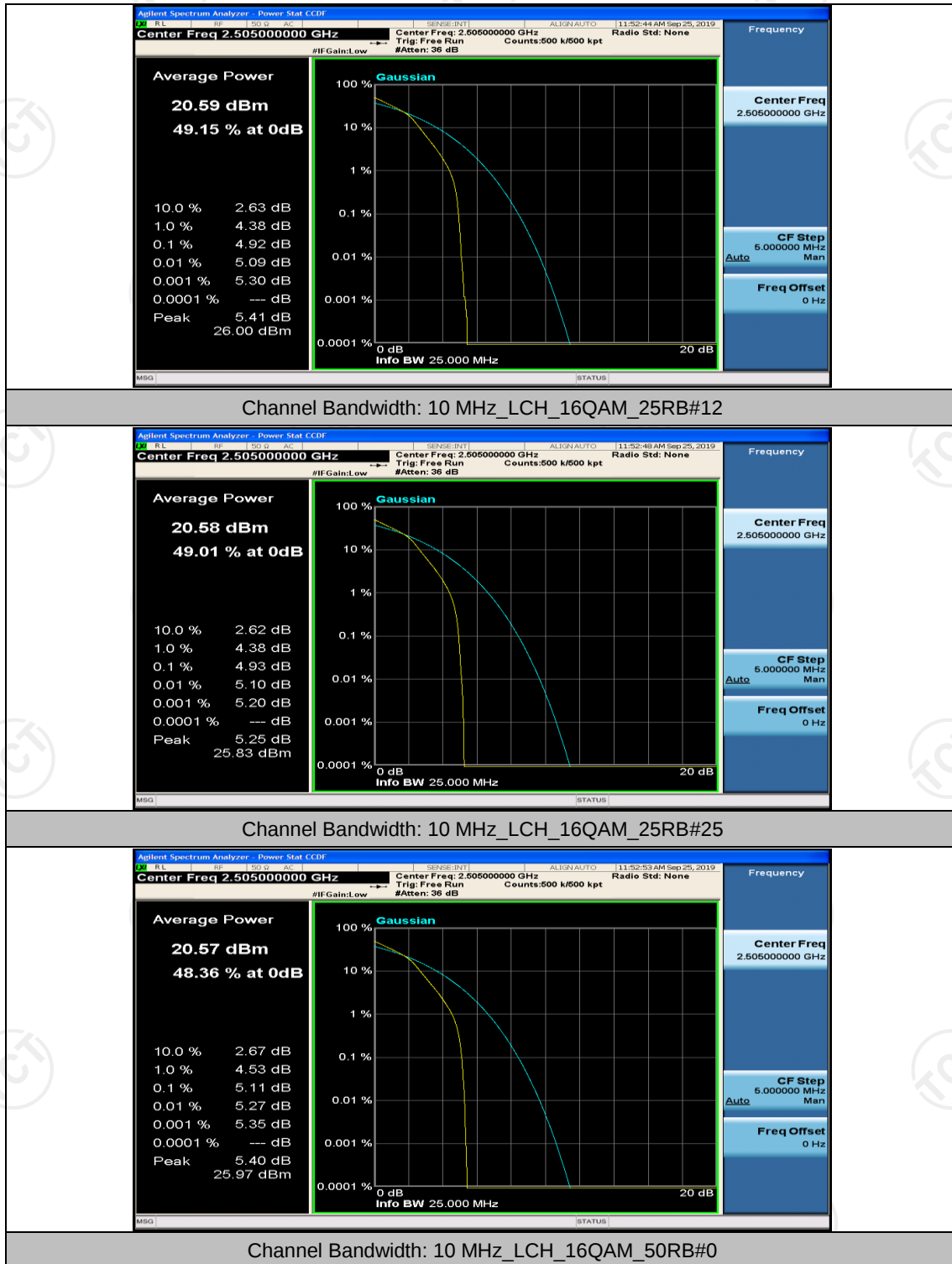
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

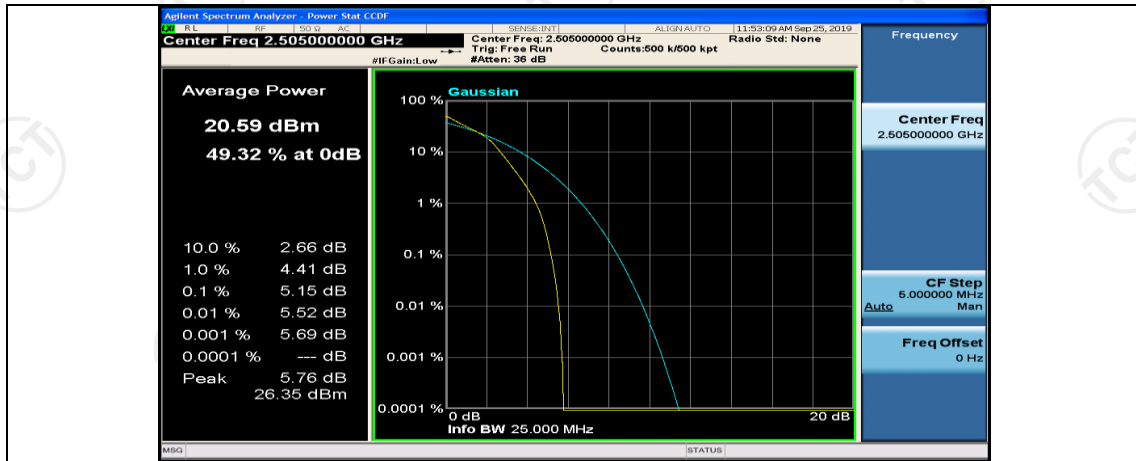




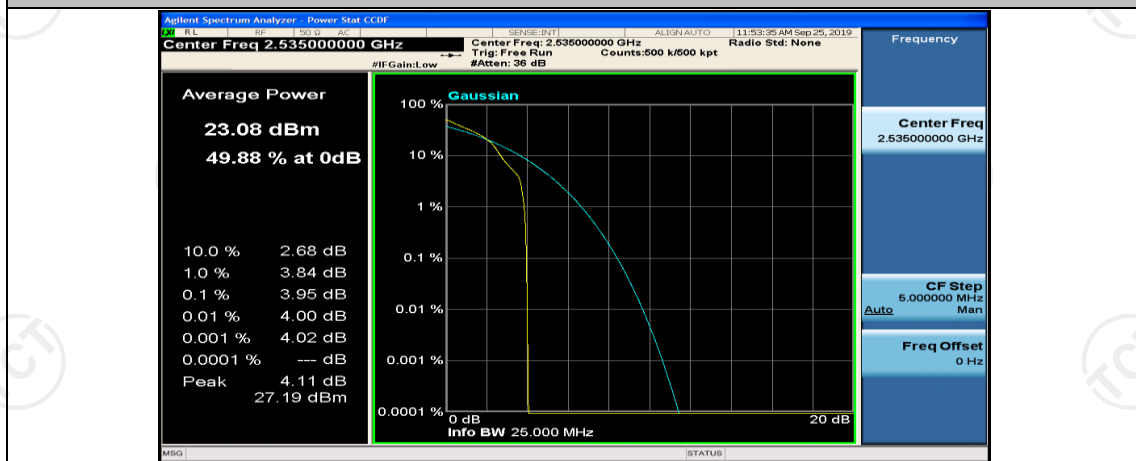
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



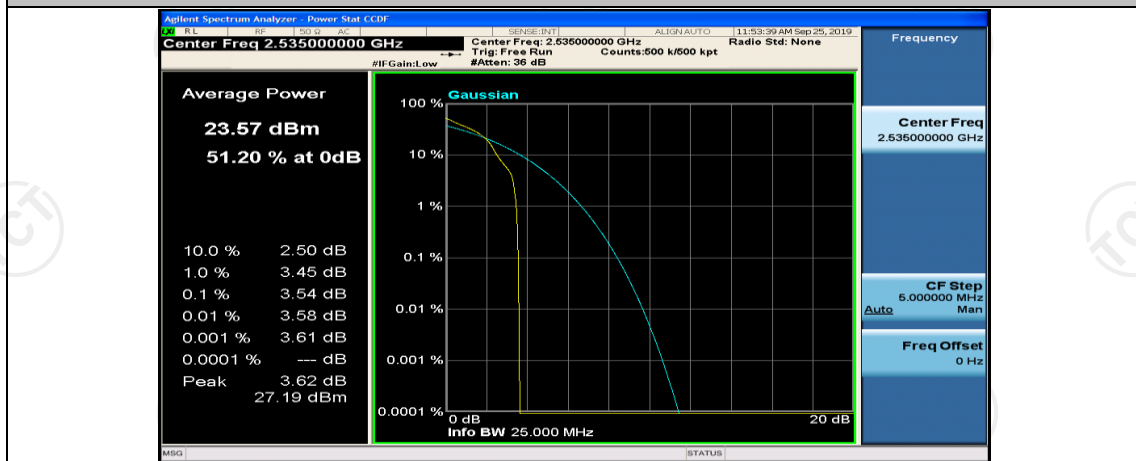




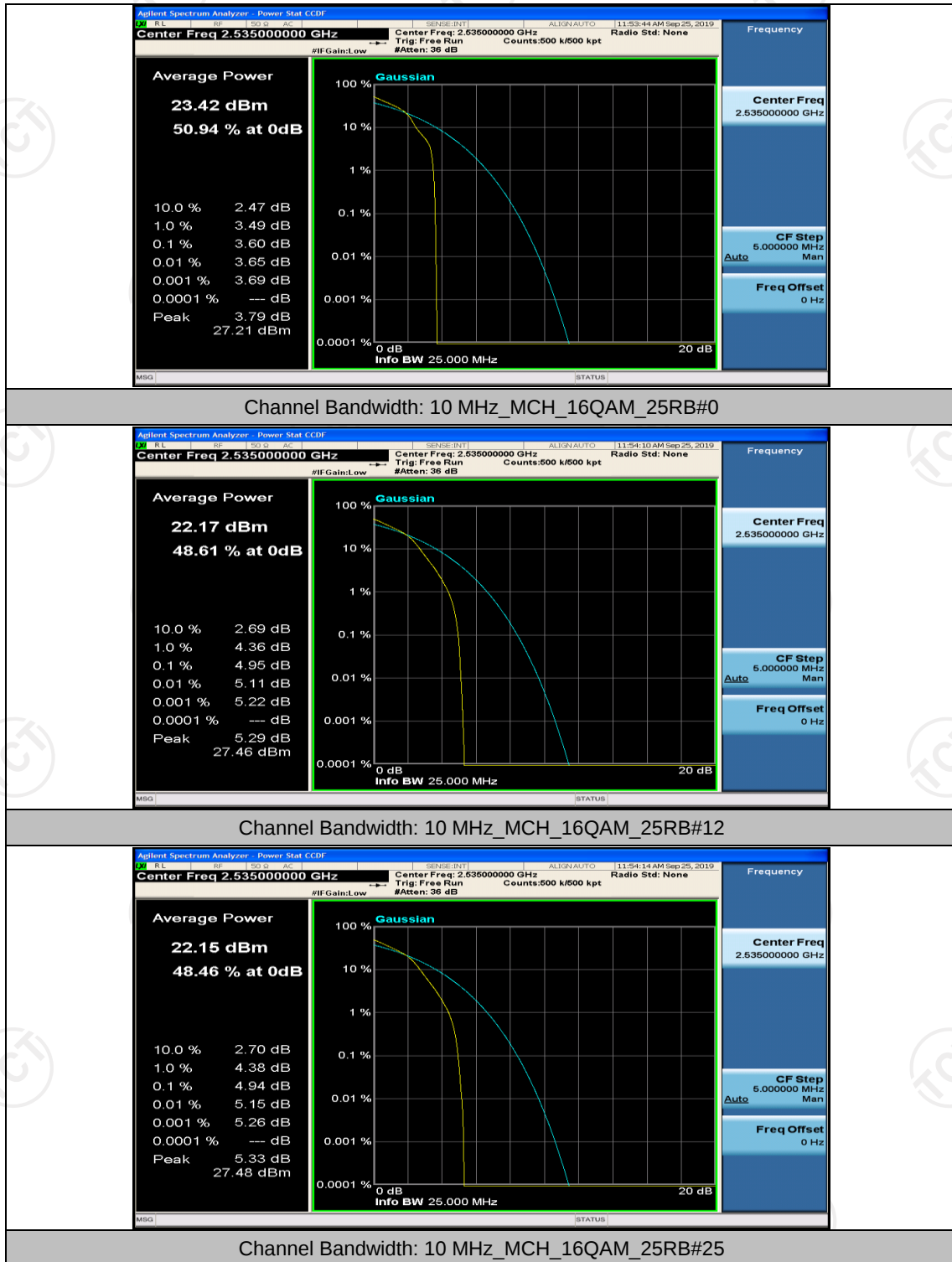
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

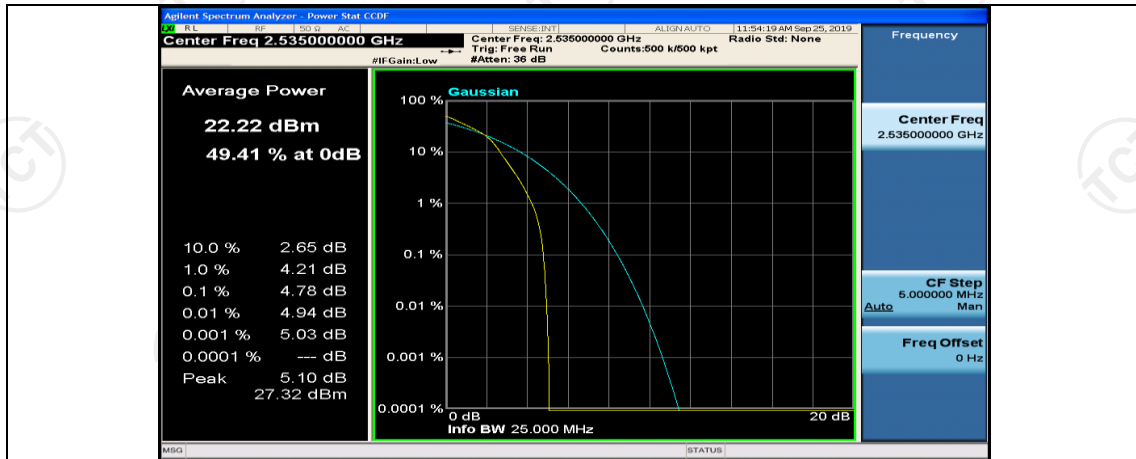


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

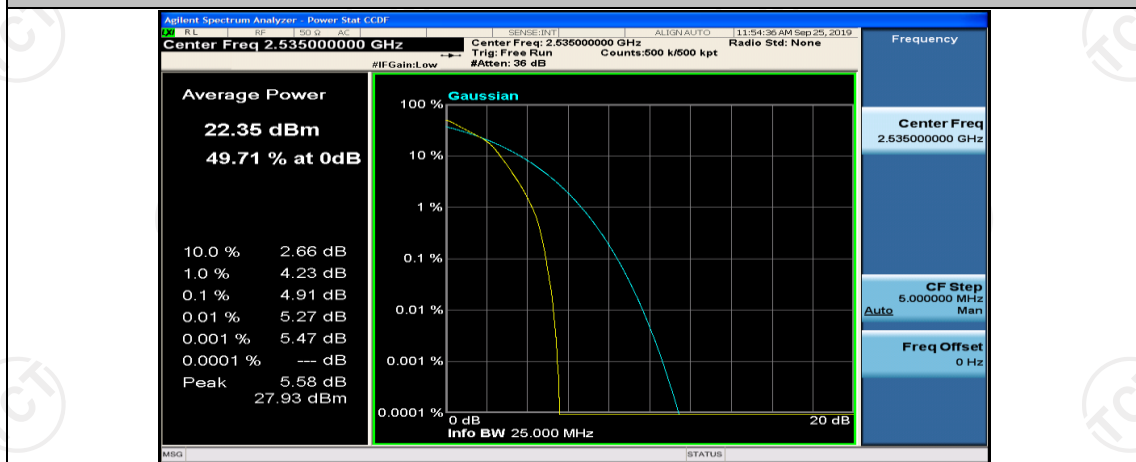


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

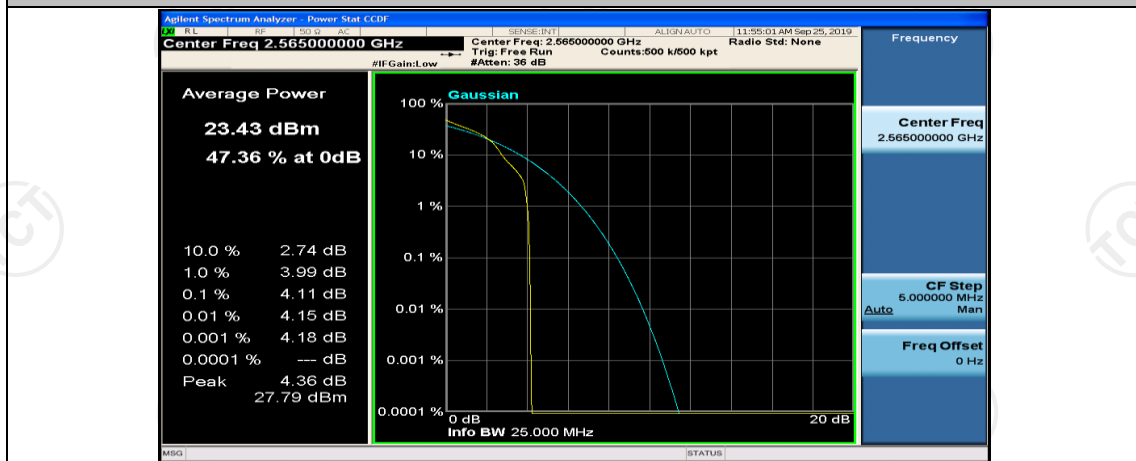




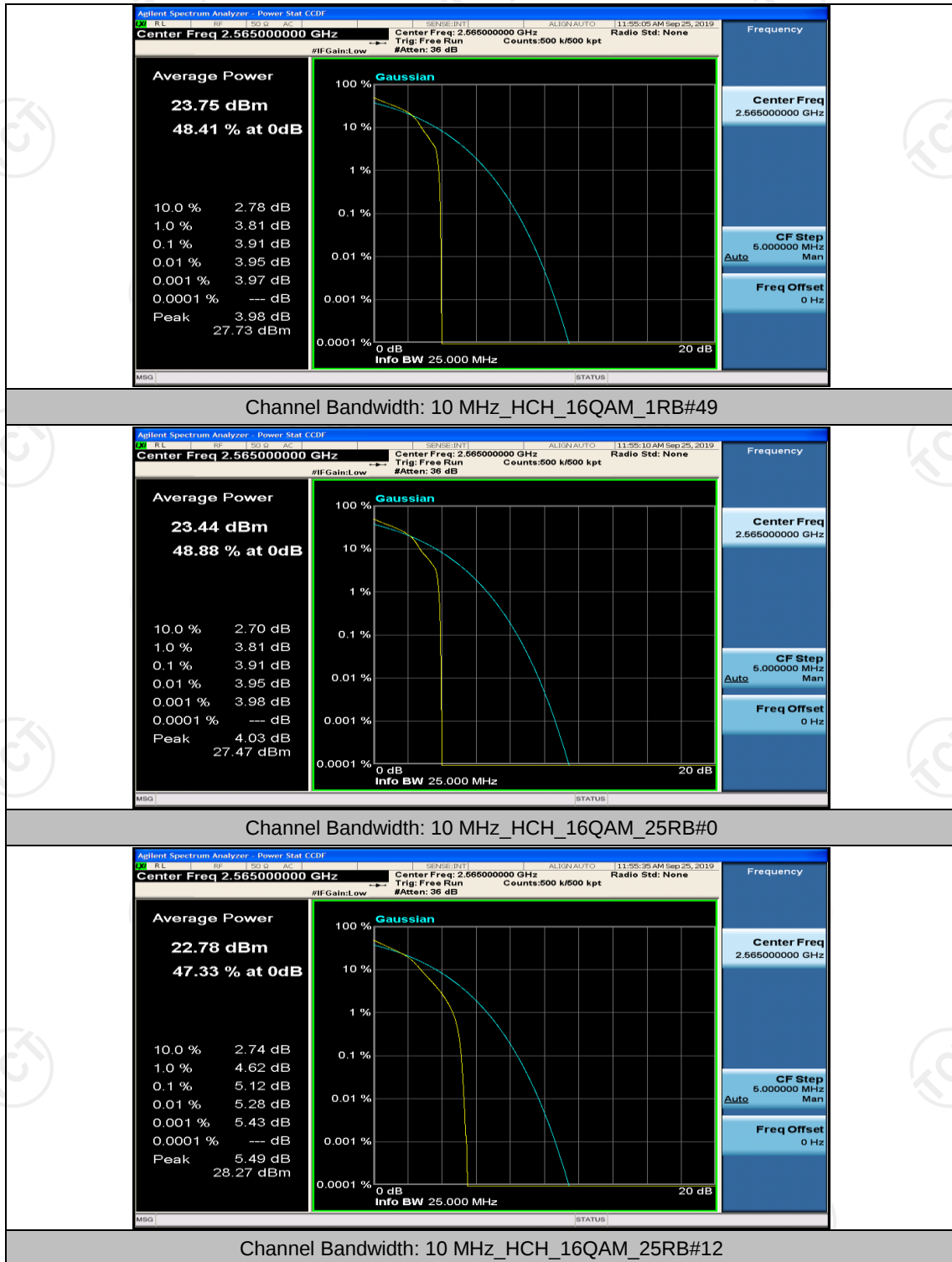
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

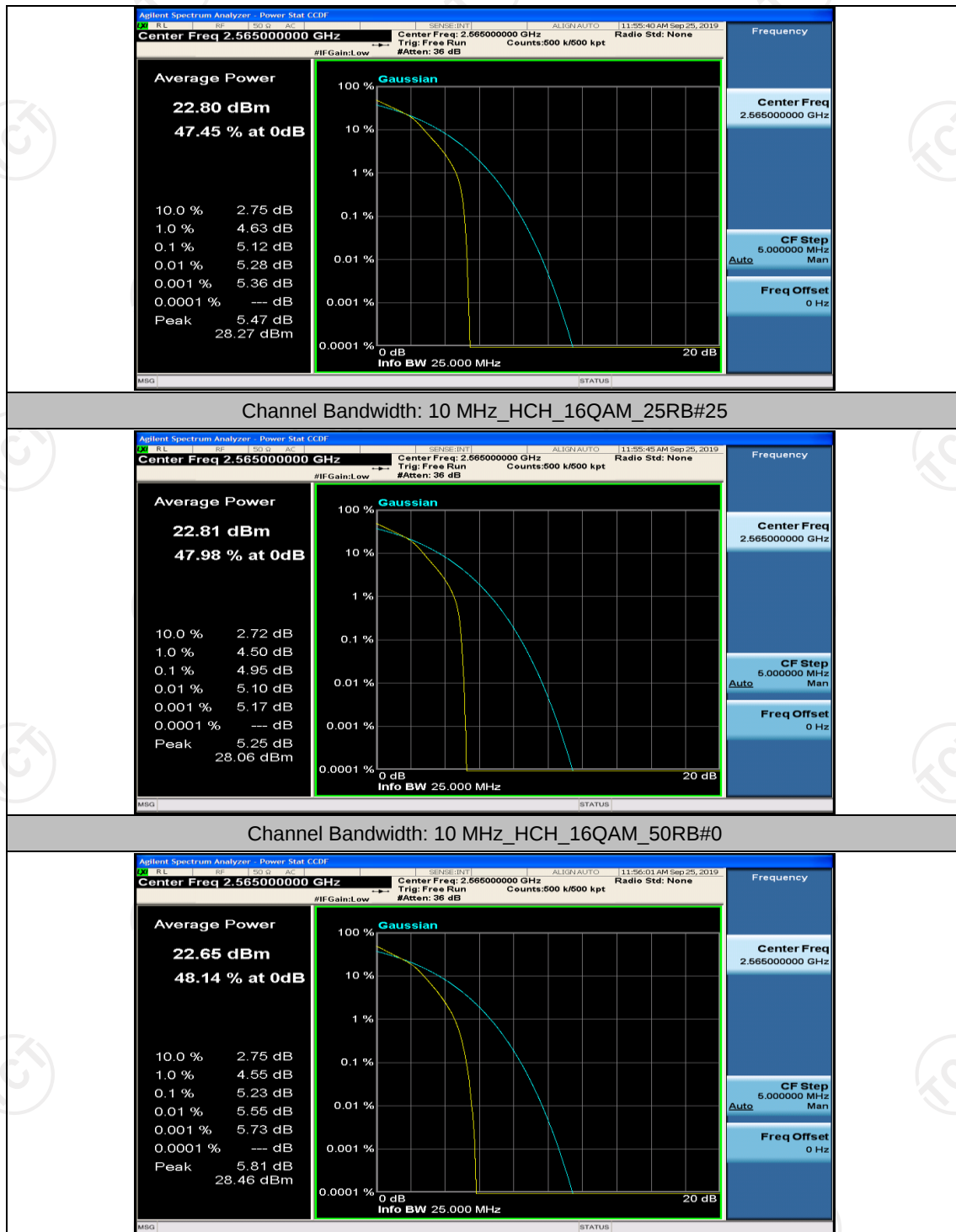


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24





Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0

