

Appendix for Band 7

Appendix A: Average Power Output Data

Test Result

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.72	PASS
		1	12	22.7	PASS
		1	24	22.79	PASS
		12	0	22.5	PASS
		12	6	22.61	PASS
		12	13	22.52	PASS
		25	0	22.51	PASS
	MCH	1	0	23.08	PASS
		1	12	22.95	PASS
		1	24	22.9	PASS
		12	0	22.33	PASS
		12	6	22.33	PASS
		12	13	22.21	PASS
		25	0	22.22	PASS
	HCH	1	0	22.48	PASS
		1	12	22.55	PASS
		1	24	22.62	PASS
		12	0	21.95	PASS
		12	6	21.95	PASS
		12	13	22.12	PASS
		25	0	22.01	PASS
16QAM	LCH	1	0	22.05	PASS
		1	12	22.13	PASS
		1	24	22.15	PASS
		12	0	21.13	PASS
		12	6	21.25	PASS
		12	13	21.1	PASS
		25	0	21.42	PASS
	MCH	1	0	22.68	PASS
		1	12	22.58	PASS
		1	24	22.39	PASS
		12	0	20.84	PASS

		12	6	20.67	PASS
		12	13	20.76	PASS
		25	0	21.09	PASS
	HCH	1	0	22.16	PASS
		1	12	22.22	PASS
		1	24	22.05	PASS
		12	0	20.53	PASS
		12	6	20.57	PASS
		12	13	20.56	PASS
		25	0	20.81	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.68	PASS
		1	24	23.26	PASS
		1	49	23.41	PASS
		25	0	22.61	PASS
		25	12	22.81	PASS
		25	25	22.74	PASS
		50	0	22.7	PASS
	MCH	1	0	22.98	PASS
		1	24	22.7	PASS
		1	49	22.51	PASS
		25	0	22.45	PASS
		25	12	22.24	PASS
		25	25	22.22	PASS
		50	0	22.3	PASS
	HCH	1	0	22.39	PASS
		1	24	22.35	PASS
		1	49	22.47	PASS
		25	0	22.01	PASS
		25	12	21.89	PASS
		25	25	22.12	PASS
		50	0	22	PASS
16QAM	LCH	1	0	22.38	PASS
		1	24	22.52	PASS
		1	49	22.55	PASS
		25	0	21.33	PASS
		25	12	21.45	PASS
		25	25	21.47	PASS
		50	0	21.51	PASS

	MCH	1	0	22.4	PASS
		1	24	22.07	PASS
		1	49	22.8	PASS
		25	0	21.12	PASS
		25	12	21.09	PASS
		25	25	20.86	PASS
		50	0	21.06	PASS
	HCH	1	0	22.07	PASS
		1	24	22.06	PASS
		1	49	22.13	PASS
		25	0	20.54	PASS
		25	12	20.49	PASS
		25	25	20.46	PASS
		50	0	20.68	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23	PASS
		1	37	23.16	PASS
		1	74	23.25	PASS
		37	0	22.57	PASS
		37	18	22.71	PASS
		37	38	22.7	PASS
		75	0	22.8	PASS
	MCH	1	0	23.2	PASS
		1	37	22.77	PASS
		1	74	22.43	PASS
		37	0	22.56	PASS
		37	18	22.46	PASS
		37	38	22.22	PASS
		75	0	22.34	PASS
	HCH	1	0	22.37	PASS
		1	37	22.5	PASS
		1	74	22.52	PASS
		37	0	21.92	PASS
		37	18	22.04	PASS
		37	38	22.12	PASS
		75	0	22.04	PASS
16QAM	LCH	1	0	22.65	PASS
		1	37	22.74	PASS
		1	74	22.85	PASS

		37	0	21.35	PASS
		37	18	21.52	PASS
		37	38	21.66	PASS
		75	0	21.47	PASS
	MCH	1	0	22.03	PASS
		1	37	22.62	PASS
		1	74	22.2	PASS
		37	0	21.14	PASS
		37	18	21.09	PASS
		37	38	21.01	PASS
		75	0	21.16	PASS
	HCH	1	0	22.67	PASS
		1	37	22.71	PASS
		1	74	22.71	PASS
		37	0	20.58	PASS
		37	18	20.61	PASS
		37	38	20.59	PASS
		75	0	20.62	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.28	PASS
		1	49	23.42	PASS
		1	99	23.61	PASS
		50	0	22.66	PASS
		50	25	22.74	PASS
		50	50	22.82	PASS
		100	0	22.76	PASS
	MCH	1	0	23.49	PASS
		1	49	23	PASS
		1	99	22.82	PASS
		50	0	22.49	PASS
		50	25	22.46	PASS
		50	50	22.11	PASS
		100	0	22.41	PASS
	HCH	1	0	22.86	PASS
		1	49	22.92	PASS
		1	99	23.38	PASS
		50	0	22.39	PASS
		50	25	22.55	PASS
		50	50	22.49	PASS

		100	0	22.41	PASS
16QAM	LCH	1	0	22.86	PASS
		1	49	22.01	PASS
		1	99	22.13	PASS
		50	0	21.19	PASS
		50	25	21.54	PASS
		50	50	21.48	PASS
		100	0	21.5	PASS
	MCH	1	0	22.92	PASS
		1	49	22.51	PASS
		1	99	22.13	PASS
		50	0	21.35	PASS
		50	25	20.99	PASS
		50	50	20.81	PASS
		100	0	21.11	PASS
	HCH	1	0	22.51	PASS
		1	49	22.52	PASS
		1	99	22.69	PASS
		50	0	20.42	PASS
		50	25	20.53	PASS
		50	50	20.61	PASS
		100	0	20.59	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	3.45	<13	PASS
		1	12	3.46	<13	PASS
		1	24	3.45	<13	PASS
		12	0	3.86	<13	PASS
		12	6	4	<13	PASS
		12	13	3.97	<13	PASS
		25	0	3.96	<13	PASS
	MCH	1	0	4.16	<13	PASS
		1	12	3.94	<13	PASS
		1	24	3.87	<13	PASS
		12	0	4.38	<13	PASS
		12	6	4.3	<13	PASS
		12	13	4.26	<13	PASS
		25	0	4.35	<13	PASS
	HCH	1	0	3.87	<13	PASS
		1	12	3.66	<13	PASS
		1	24	3.48	<13	PASS
		12	0	4.38	<13	PASS
		12	6	4.3	<13	PASS
		12	13	4.29	<13	PASS
		25	0	4.33	<13	PASS
16QAM	LCH	1	0	4	<13	PASS
		1	12	4.1	<13	PASS
		1	24	4.13	<13	PASS
		12	0	5.19	<13	PASS
		12	6	5.32	<13	PASS
		12	13	5.37	<13	PASS
		25	0	5.05	<13	PASS
	MCH	1	0	4.11	<13	PASS
		1	12	4.01	<13	PASS
		1	24	3.93	<13	PASS
		12	0	5.55	<13	PASS
		12	6	5.59	<13	PASS

		12	13	5.52	<13	PASS
		25	0	5.56	<13	PASS
	HCH	1	0	4.25	<13	PASS
		1	12	4.15	<13	PASS
		1	24	3.94	<13	PASS
		12	0	5.57	<13	PASS
		12	6	5.49	<13	PASS
		12	13	5.64	<13	PASS
		25	0	5.53	<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	3.39	<13	PASS
		1	24	3.4	<13	PASS
		1	49	3.5	<13	PASS
		25	0	3.9	<13	PASS
		25	12	4.07	<13	PASS
		25	25	4.04	<13	PASS
		50	0	4.12	<13	PASS
	MCH	1	0	3.89	<13	PASS
		1	24	3.66	<13	PASS
		1	49	3.36	<13	PASS
		25	0	4.41	<13	PASS
		25	12	4.31	<13	PASS
		25	25	4.26	<13	PASS
		50	0	4.46	<13	PASS
	HCH	1	0	4.43	<13	PASS
		1	24	4.01	<13	PASS
		1	49	3.73	<13	PASS
		25	0	4.64	<13	PASS
		25	12	4.52	<13	PASS
		25	25	4.36	<13	PASS
		50	0	4.55	<13	PASS
16QAM	LCH	1	0	2.92	<13	PASS
		1	24	2.98	<13	PASS
		1	49	3.07	<13	PASS
		25	0	5.18	<13	PASS
		25	12	5.23	<13	PASS
		25	25	5.16	<13	PASS

	MCH	50	0	5.2	<13	PASS
		1	0	3.76	<13	PASS
		1	24	3.39	<13	PASS
		1	49	3.21	<13	PASS
		25	0	5.68	<13	PASS
		25	12	5.53	<13	PASS
		25	25	5.45	<13	PASS
		50	0	5.59	<13	PASS
	HCH	1	0	4.1	<13	PASS
		1	24	3.95	<13	PASS
		1	49	3.61	<13	PASS
		25	0	5.81	<13	PASS
		25	12	5.77	<13	PASS
		25	25	5.48	<13	PASS
		50	0	5.66	<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	3.33	<13	PASS
		1	37	3.24	<13	PASS
		1	74	3.57	<13	PASS
		37	0	4.05	<13	PASS
		37	18	4.09	<13	PASS
		37	38	4.16	<13	PASS
		75	0	4.57	<13	PASS
	MCH	1	0	4.13	<13	PASS
		1	37	3.82	<13	PASS
		1	74	3.65	<13	PASS
		37	0	4.58	<13	PASS
		37	18	4.35	<13	PASS
		37	38	4.32	<13	PASS
		75	0	4.83	<13	PASS
	HCH	1	0	4.33	<13	PASS
		1	37	4.17	<13	PASS
		1	74	3.65	<13	PASS
		37	0	4.83	<13	PASS
		37	18	4.66	<13	PASS
		37	38	4.48	<13	PASS
		75	0	4.97	<13	PASS

16QAM	LCH	1	0	2.94	<13	PASS
		1	37	3.07	<13	PASS
		1	74	3.26	<13	PASS
		37	0	5.13	<13	PASS
		37	18	5.17	<13	PASS
		37	38	5.46	<13	PASS
		75	0	5.54	<13	PASS
	MCH	1	0	3.66	<13	PASS
		1	37	3.37	<13	PASS
		1	74	3.22	<13	PASS
		37	0	5.78	<13	PASS
		37	18	5.6	<13	PASS
		37	38	5.48	<13	PASS
		75	0	5.75	<13	PASS
	HCH	1	0	4.15	<13	PASS
		1	37	4.14	<13	PASS
		1	74	3.61	<13	PASS
		37	0	6.05	<13	PASS
		37	18	5.73	<13	PASS
		37	38	5.66	<13	PASS
		75	0	5.91	<13	PASS

Channel Bandwidth: 20 MHz

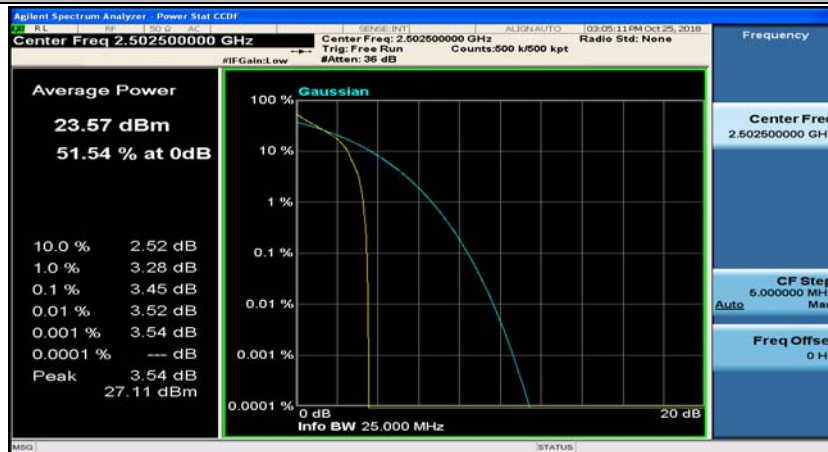
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.12	<13	PASS
		1	49	3.37	<13	PASS
		1	99	3.79	<13	PASS
		50	0	4.16	<13	PASS
		50	25	4.2	<13	PASS
		50	50	4.53	<13	PASS
		100	0	4.76	<13	PASS
	MCH	1	0	4.03	<13	PASS
		1	49	3.72	<13	PASS
		1	99	3.46	<13	PASS
		50	0	4.67	<13	PASS
		50	25	4.35	<13	PASS
		50	50	4.39	<13	PASS
		100	0	4.86	<13	PASS
	HCH	1	0	3.92	<13	PASS

		1	49	4.32	<13	PASS
		1	99	3.61	<13	PASS
		50	0	4.81	<13	PASS
		50	25	4.85	<13	PASS
		50	50	4.7	<13	PASS
		100	0	5.02	<13	PASS
16QAM	LCH	1	0	3.58	<13	PASS
		1	49	3.82	<13	PASS
		1	99	4.16	<13	PASS
		50	0	5.27	<13	PASS
		50	25	5.28	<13	PASS
		50	50	5.63	<13	PASS
		100	0	5.7	<13	PASS
	MCH	1	0	4.64	<13	PASS
		1	49	4.44	<13	PASS
		1	99	4.25	<13	PASS
		50	0	5.86	<13	PASS
		50	25	5.6	<13	PASS
		50	50	5.62	<13	PASS
		100	0	5.84	<13	PASS
	HCH	1	0	3.81	<13	PASS
		1	49	4.29	<13	PASS
		1	99	3.59	<13	PASS
		50	0	5.96	<13	PASS
		50	25	5.94	<13	PASS
		50	50	5.78	<13	PASS
		100	0	5.98	<13	PASS

Test Graphs

Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



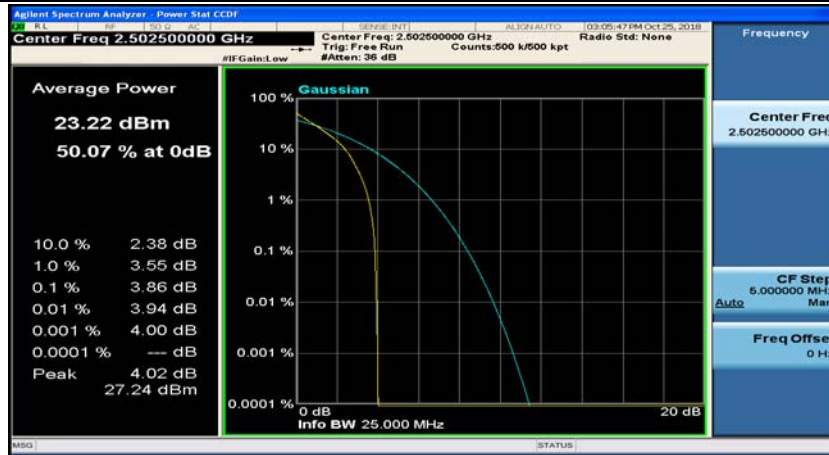
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



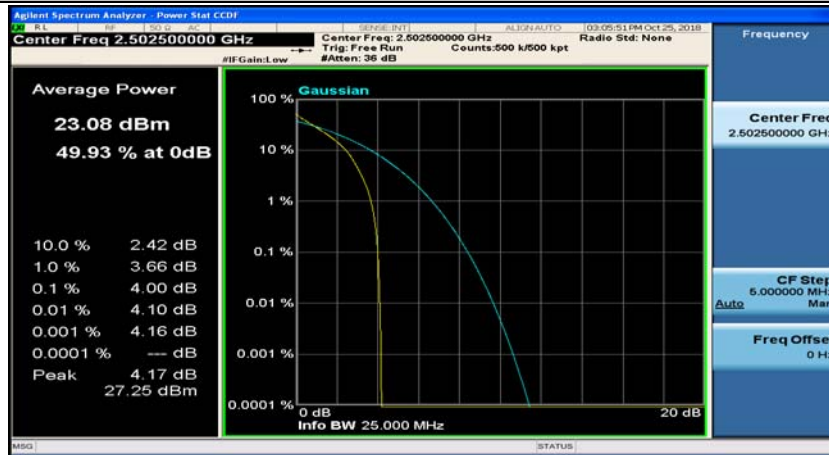
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



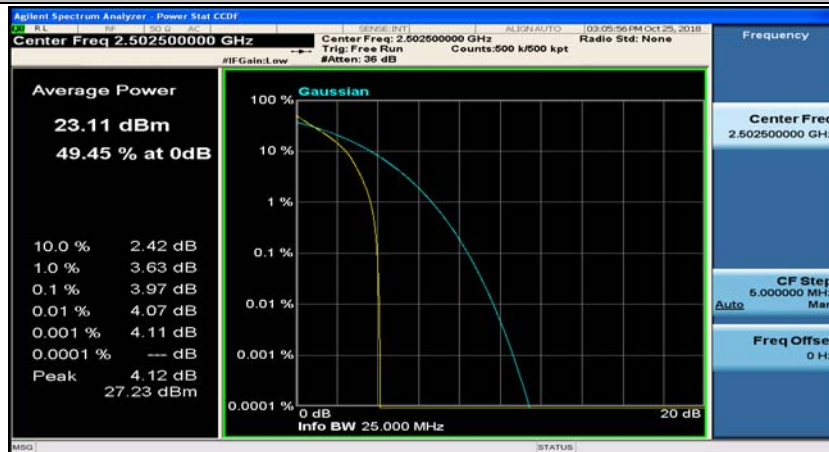
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



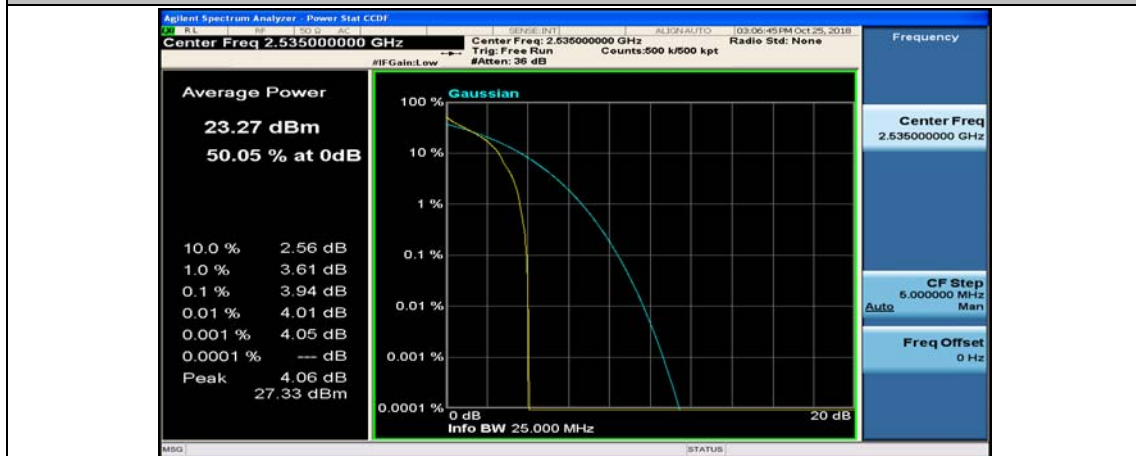
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



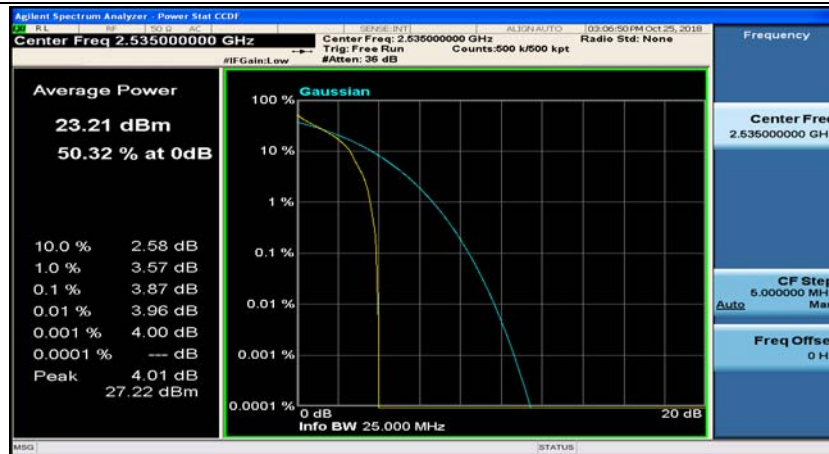
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



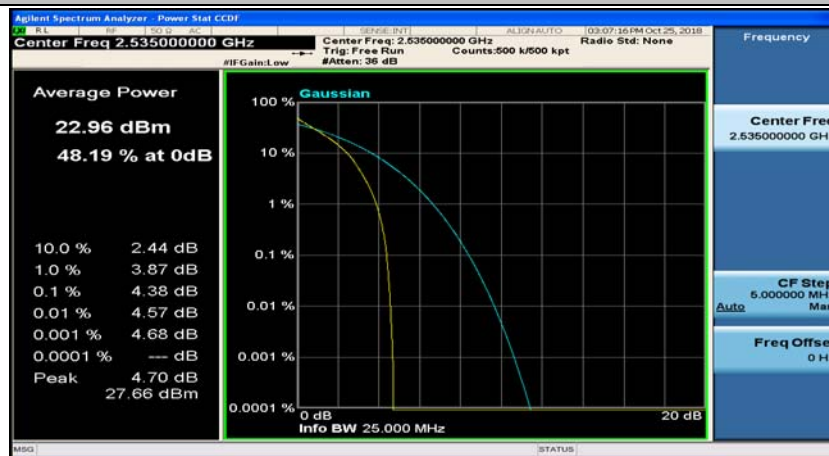
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



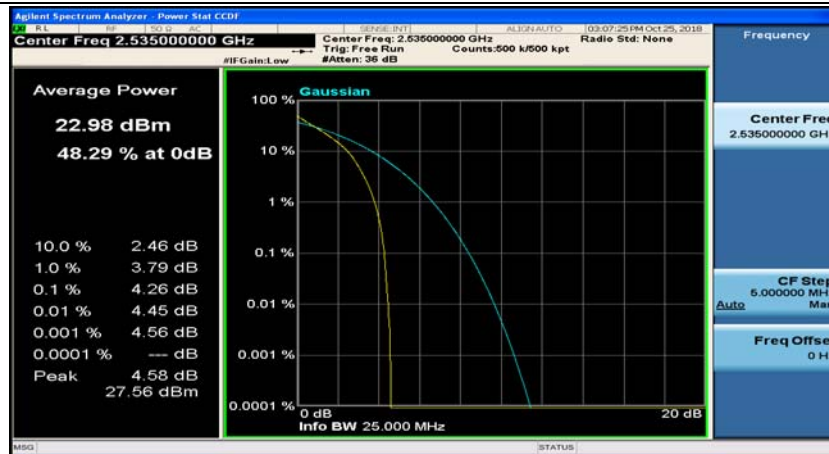
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



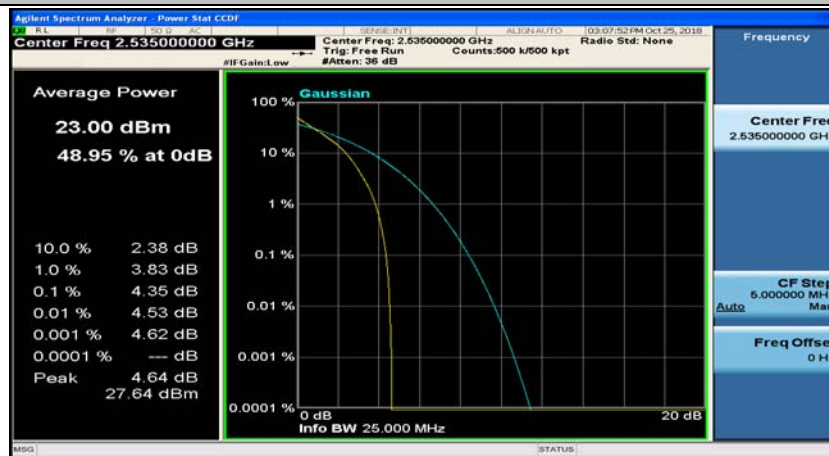
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



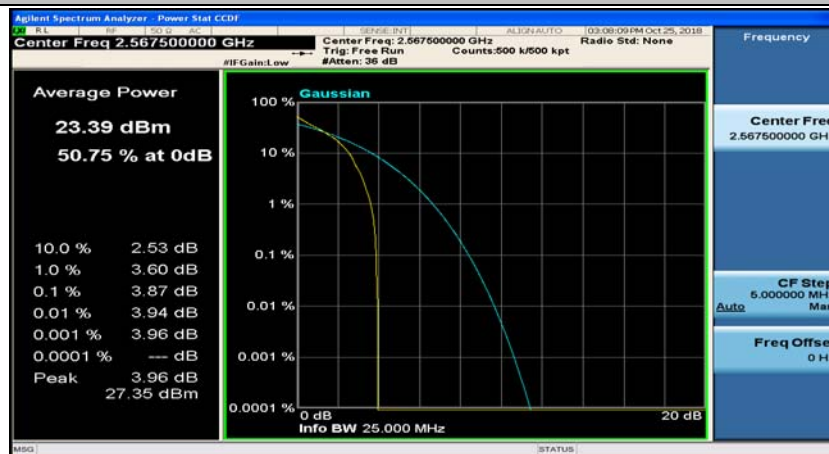
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



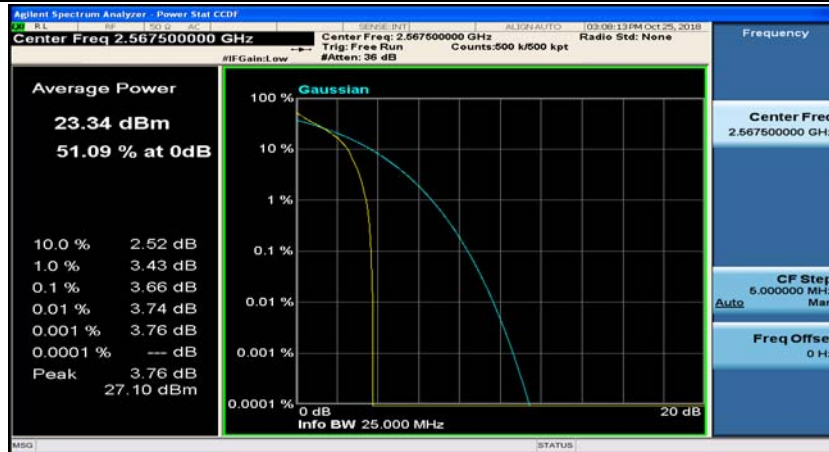
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



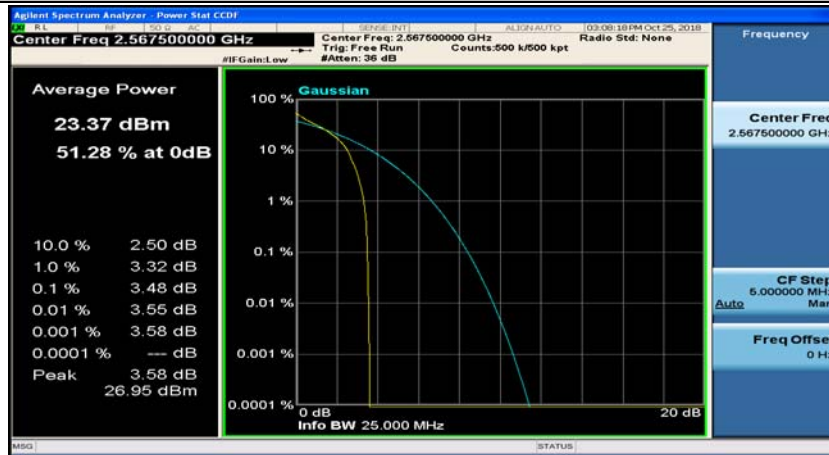
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



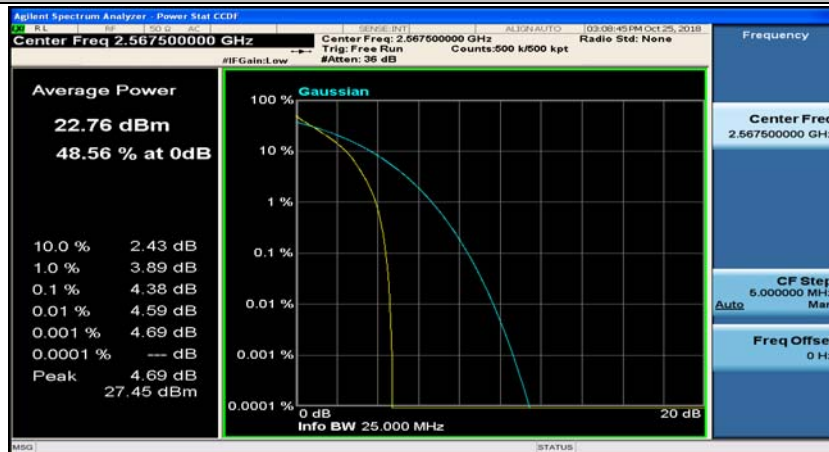
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



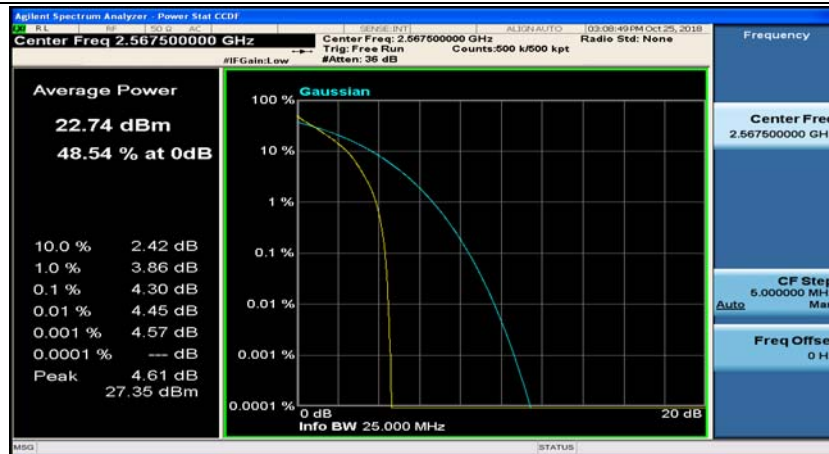
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



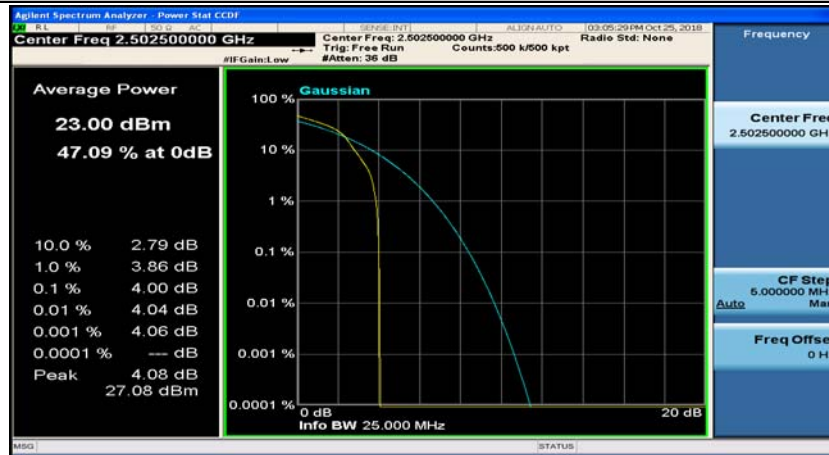
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



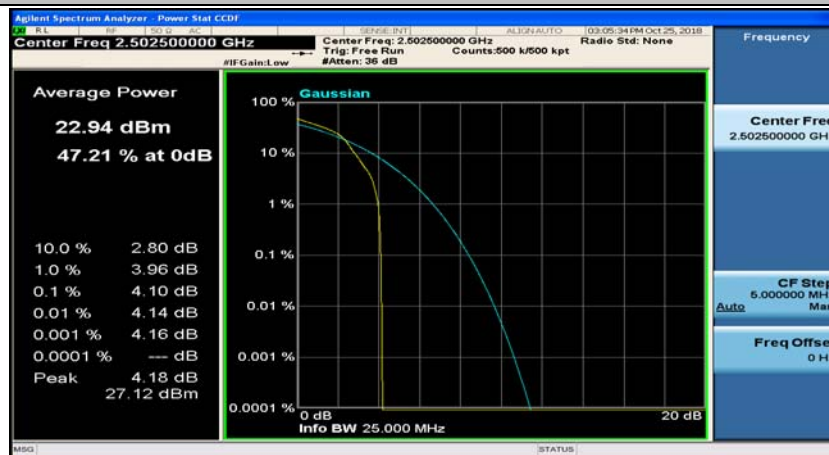
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



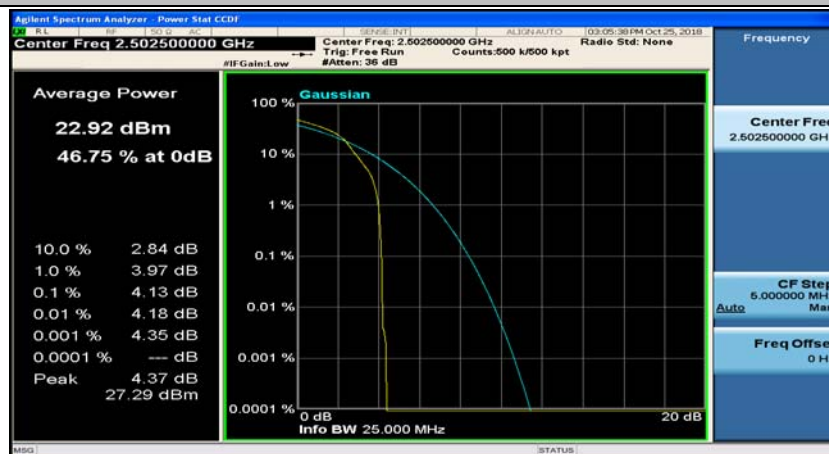
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



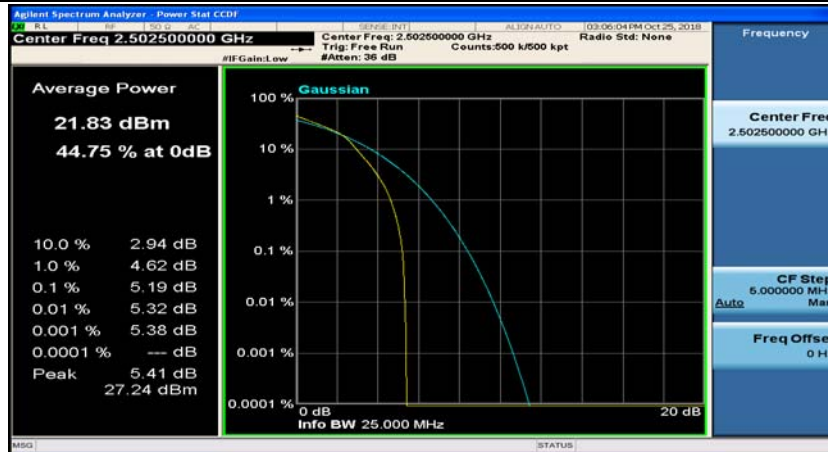
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



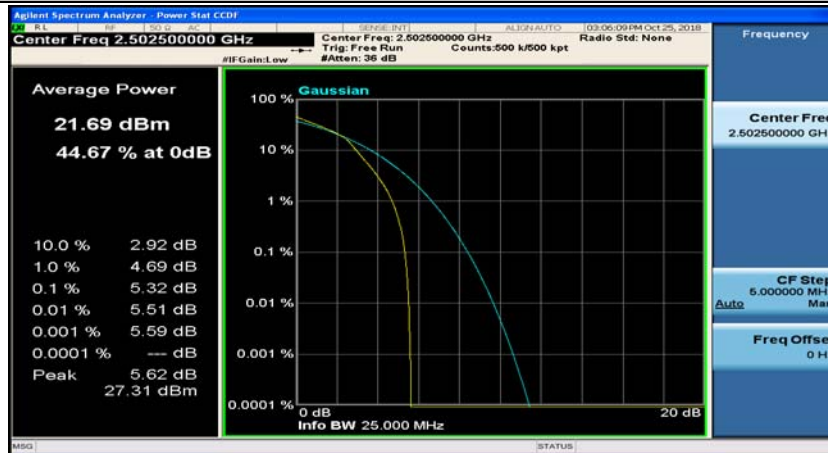
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



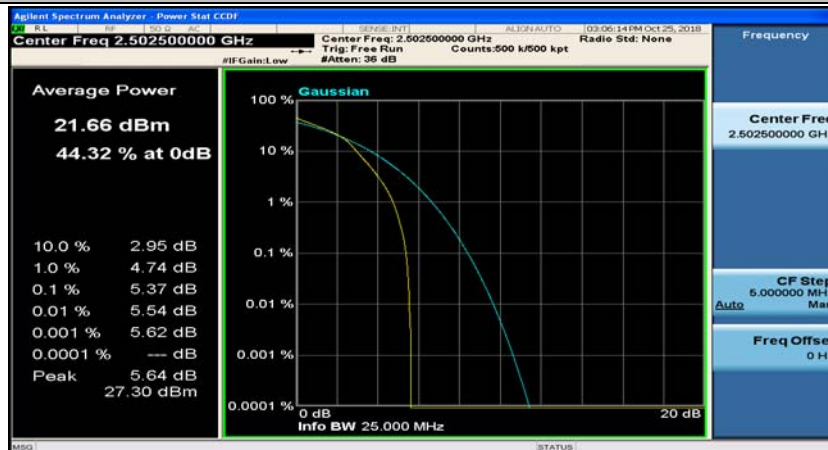
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



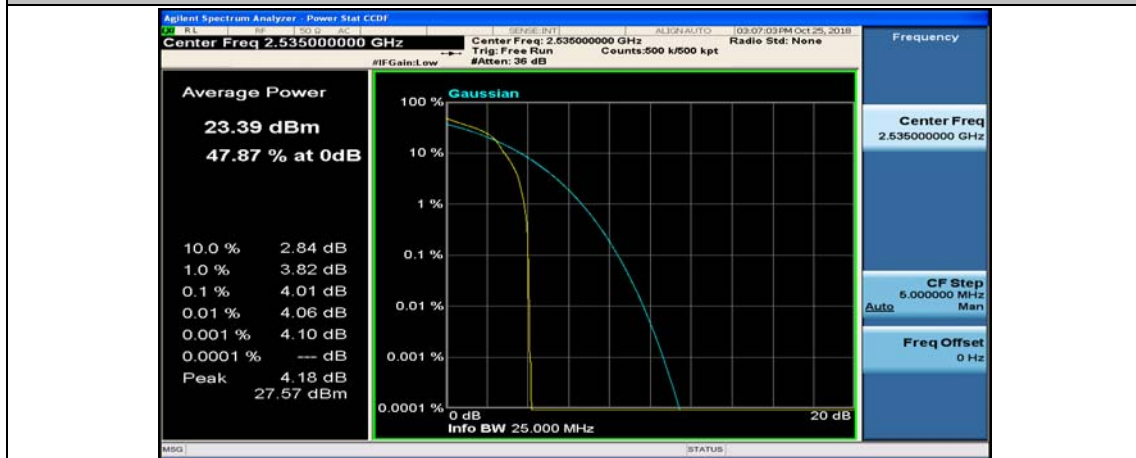
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



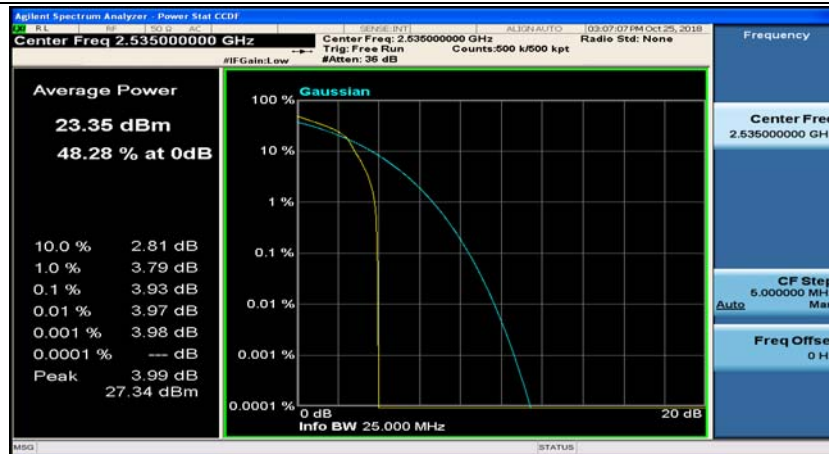
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



(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



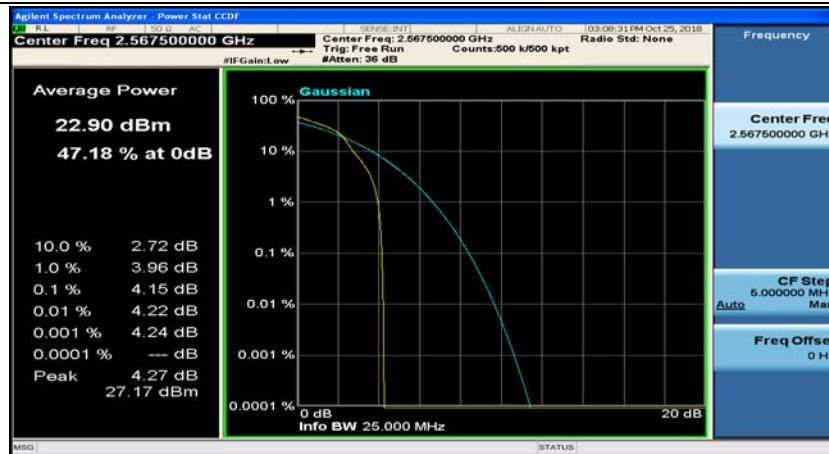
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



(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



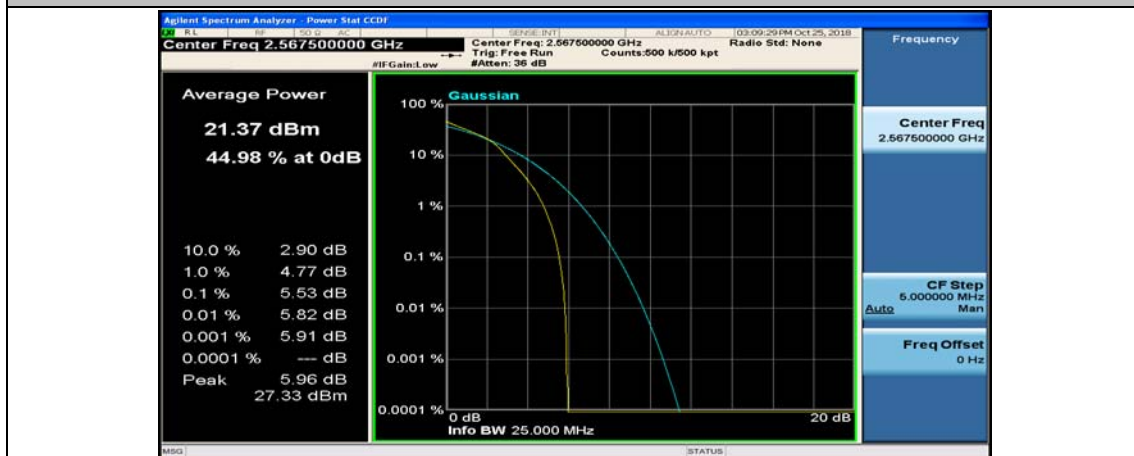
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



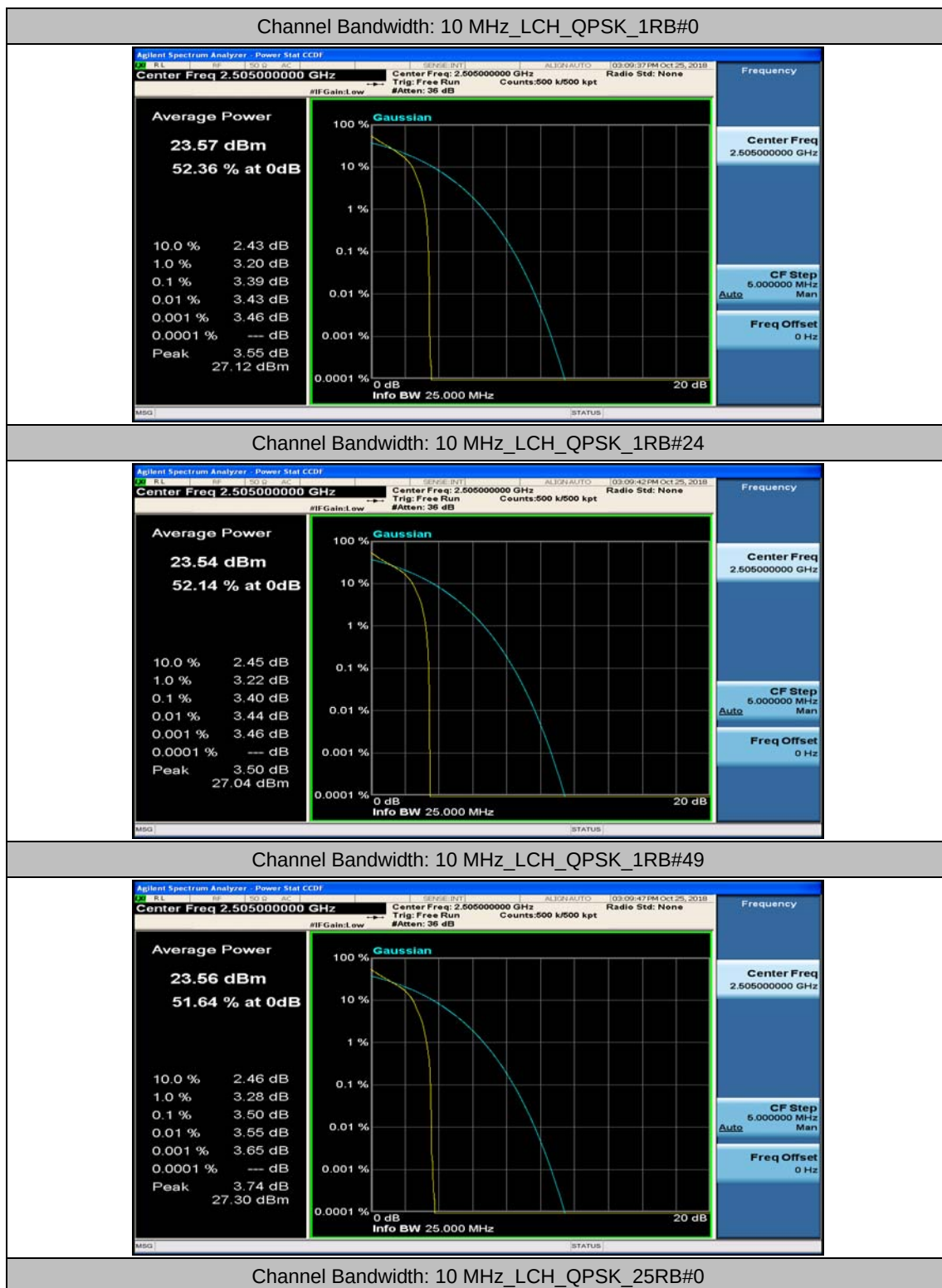
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

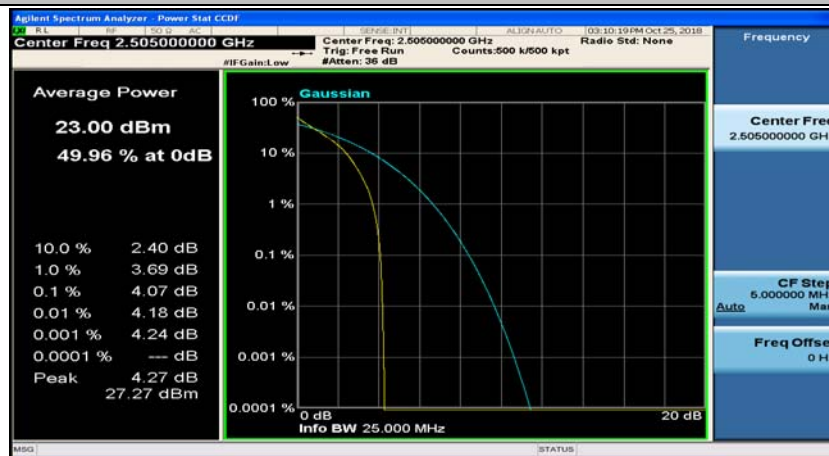
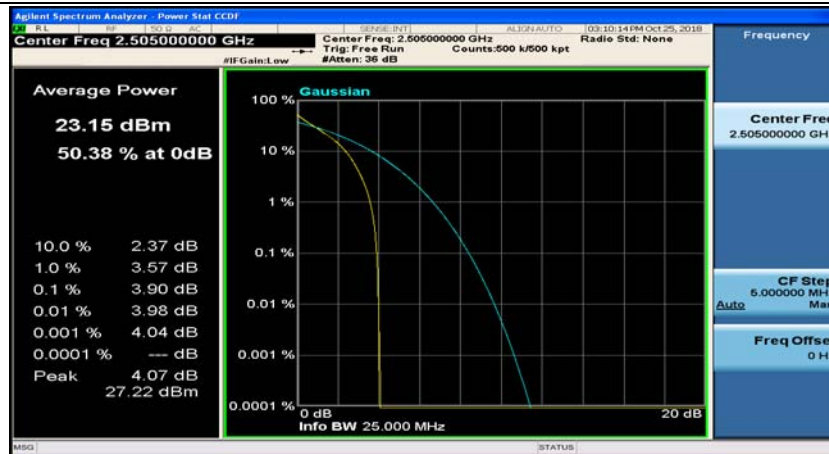


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz







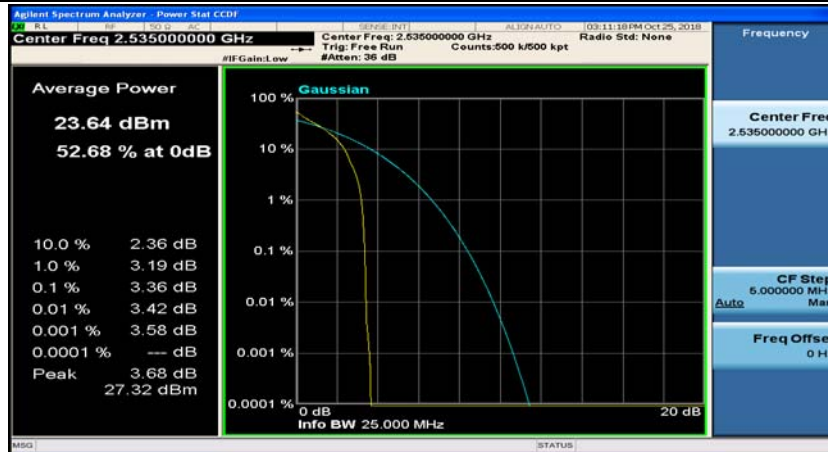
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

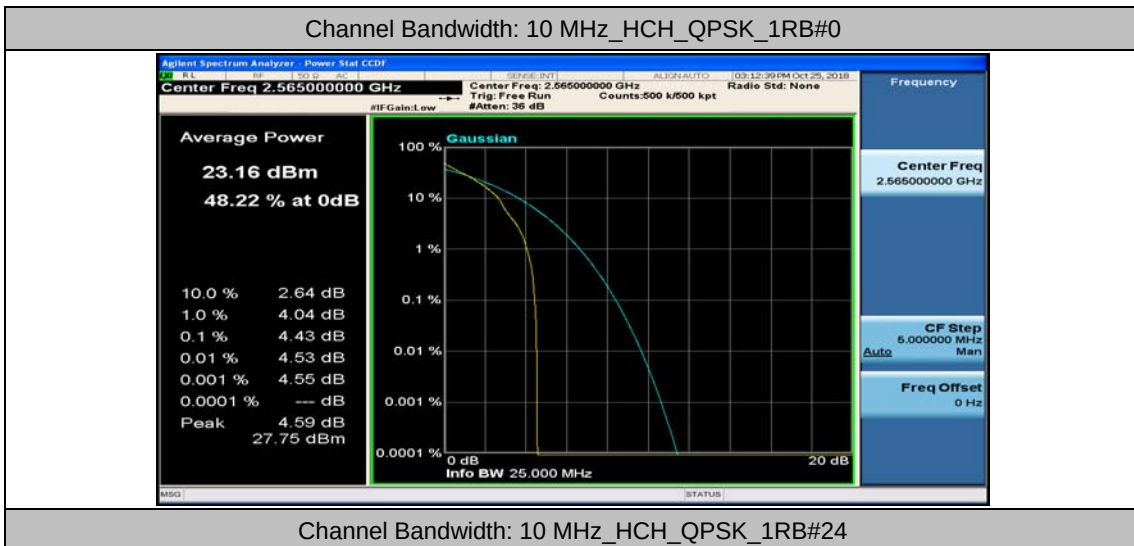
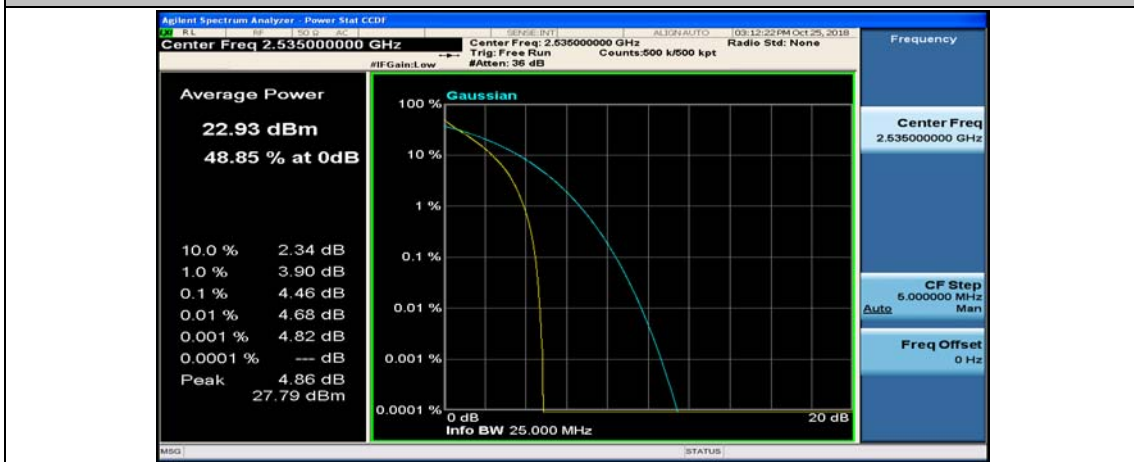
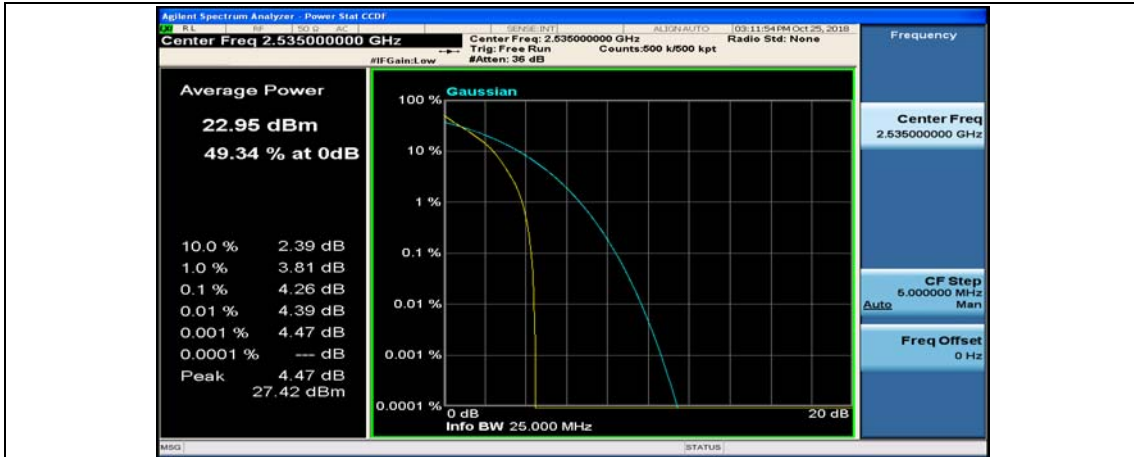


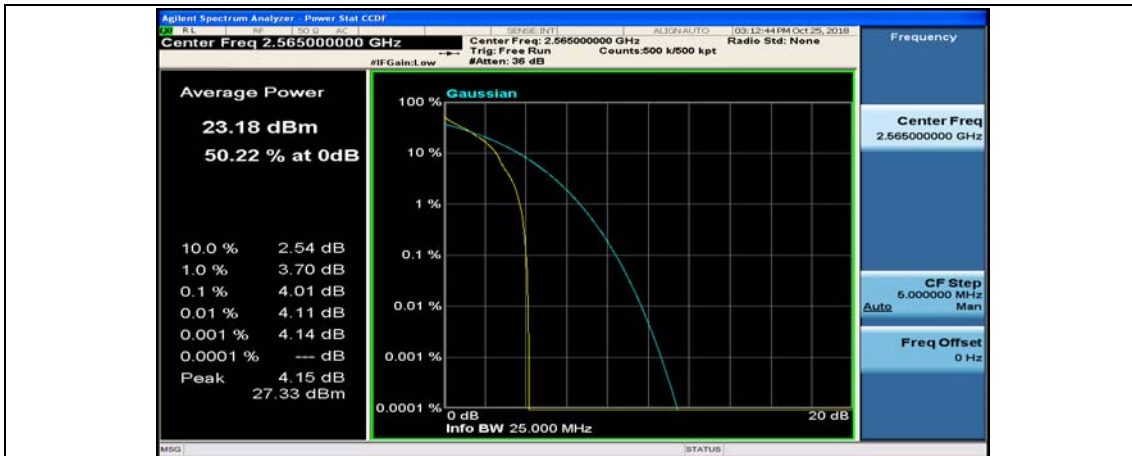
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

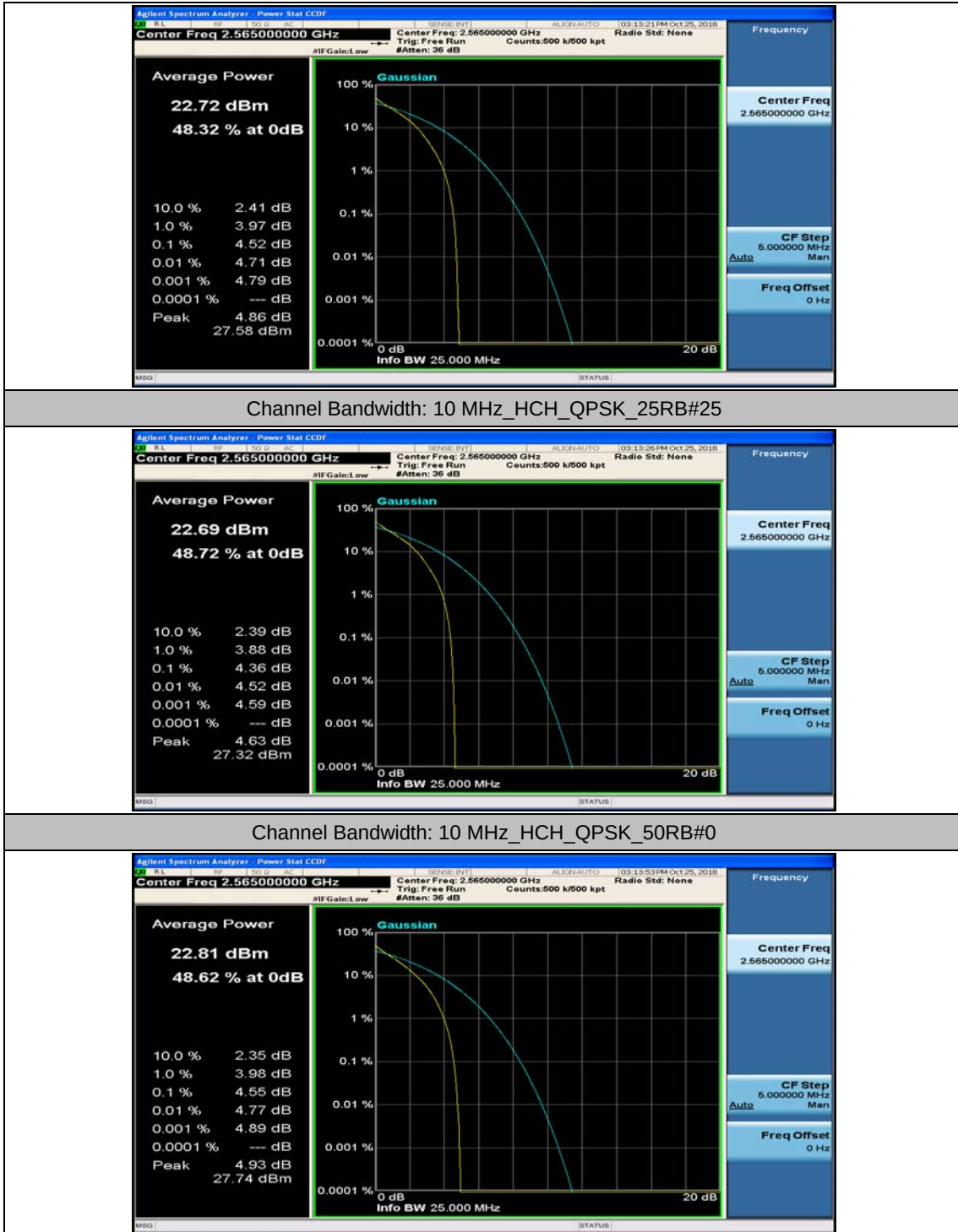


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

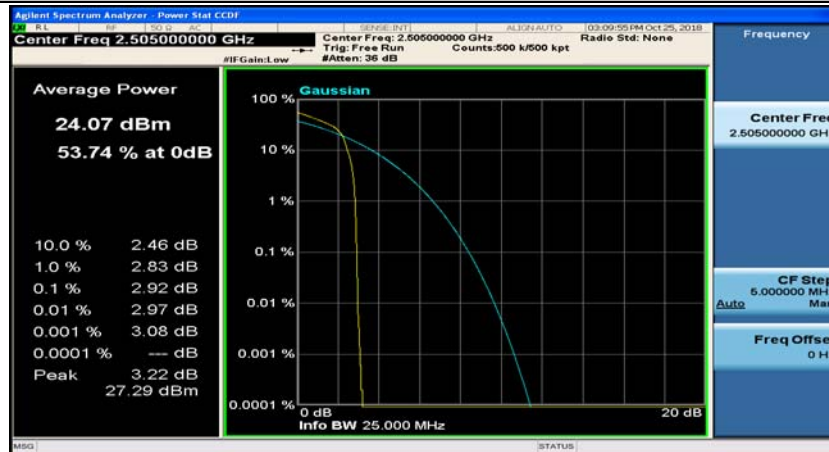




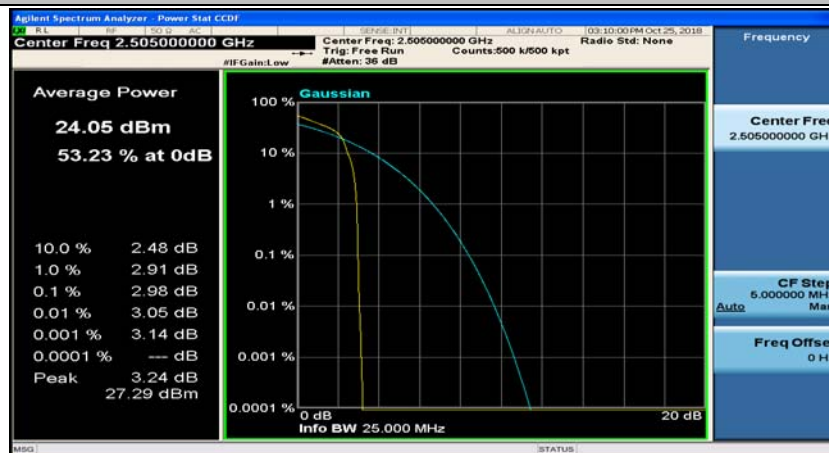




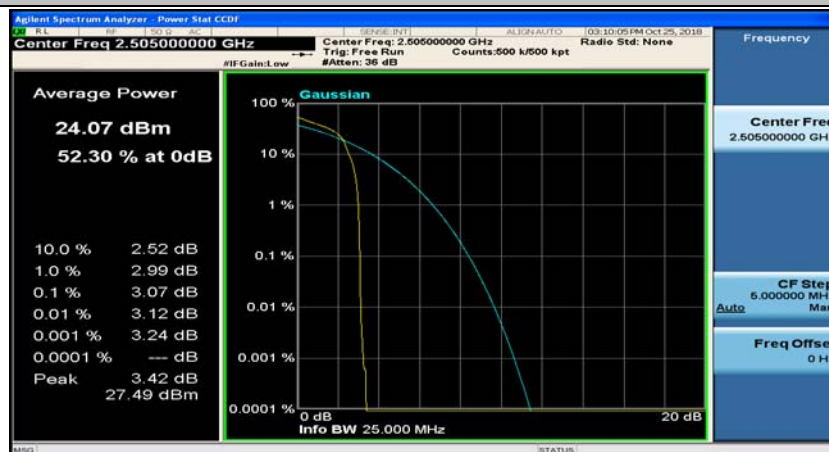
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



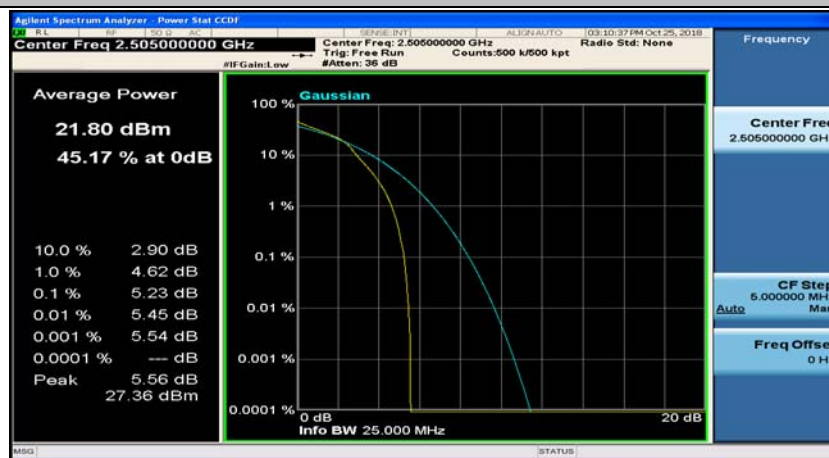
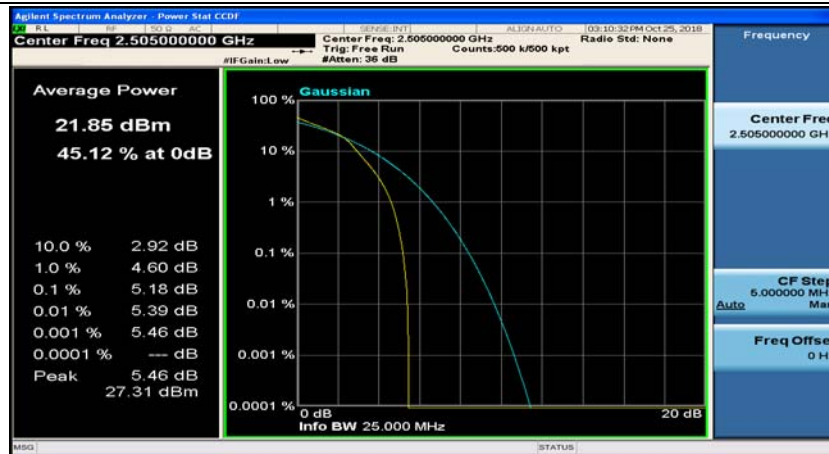
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0





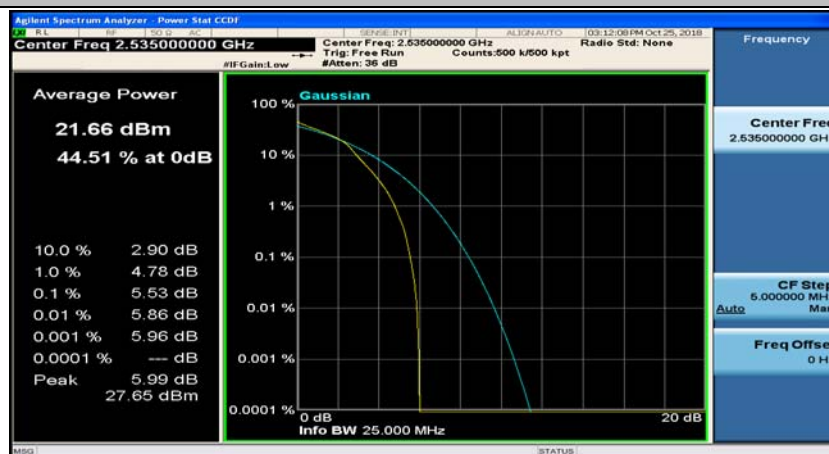
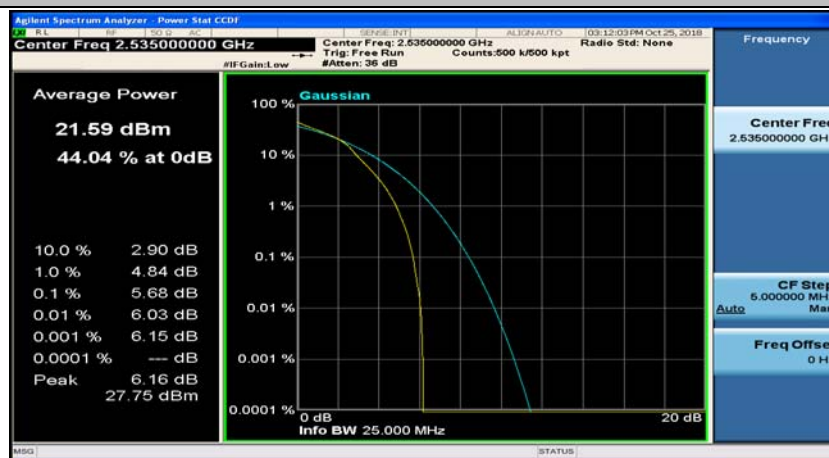
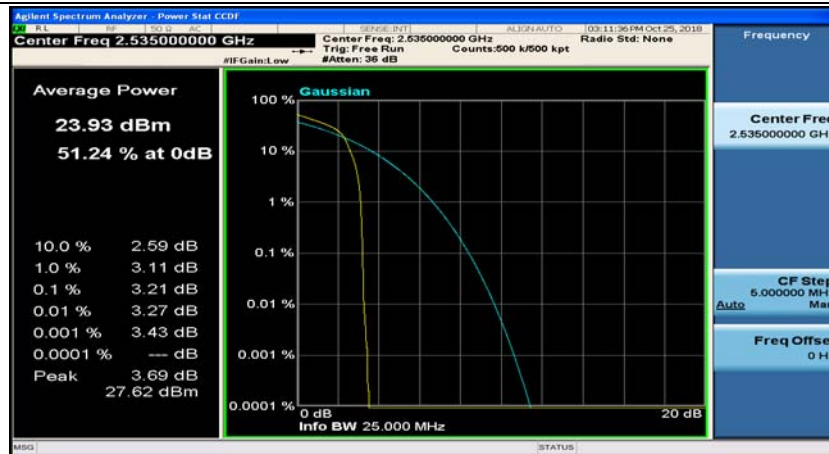
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49





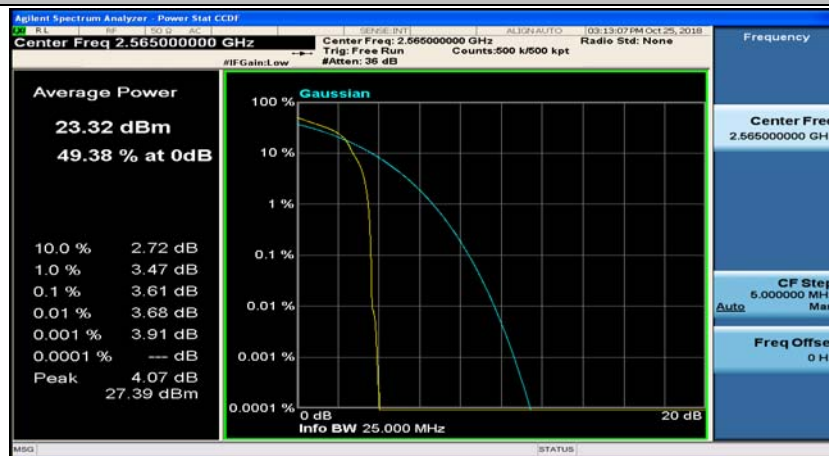
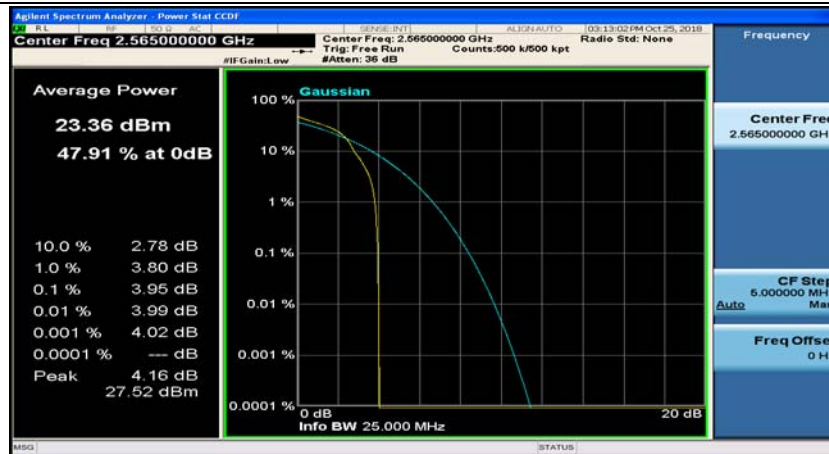
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

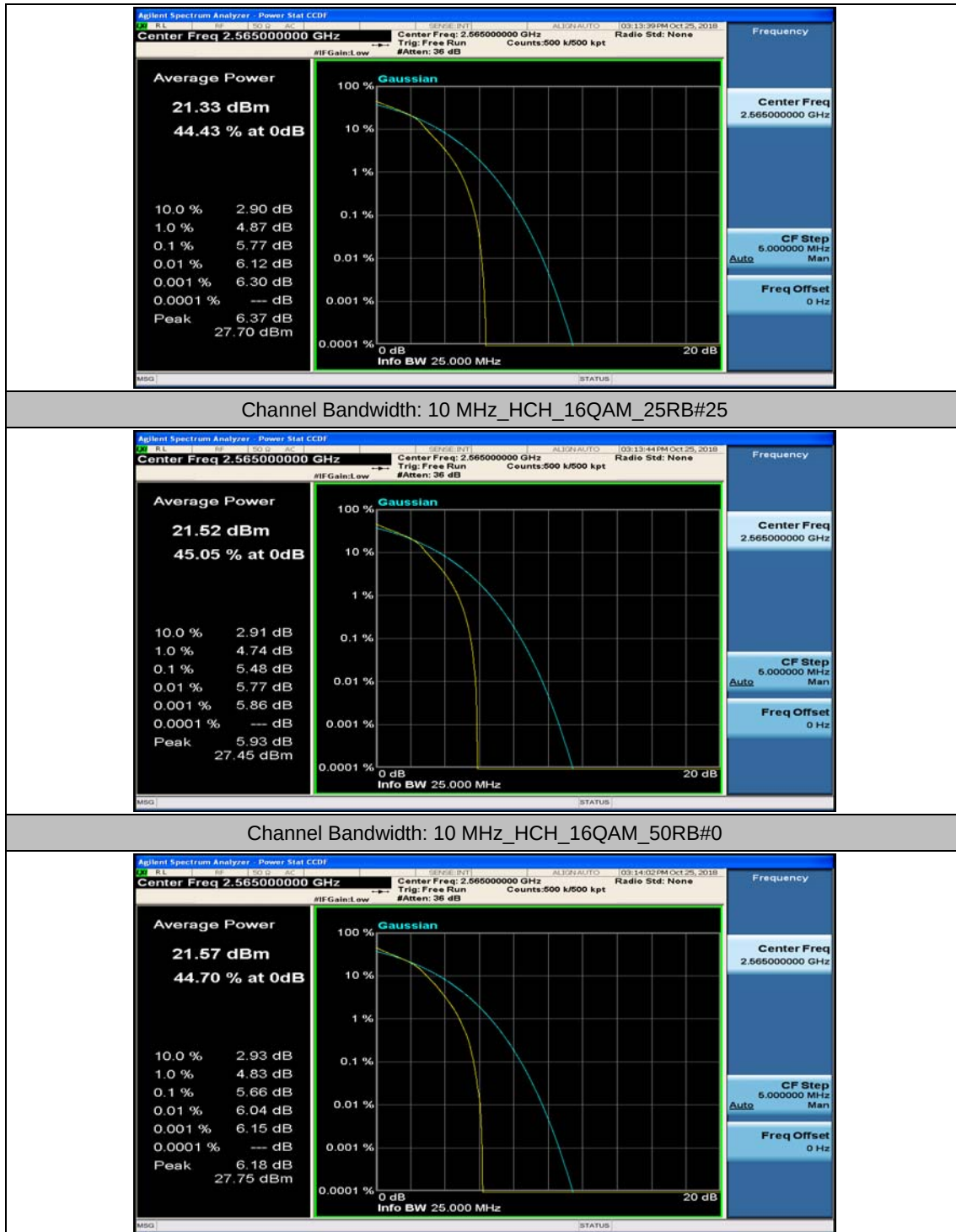


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



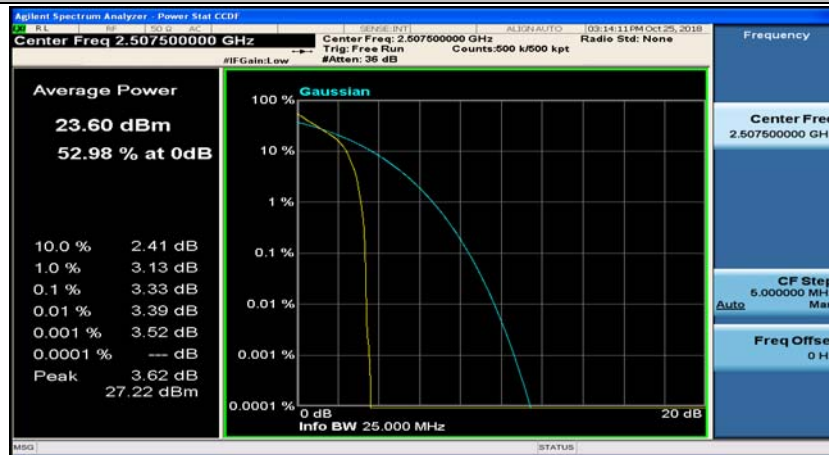
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



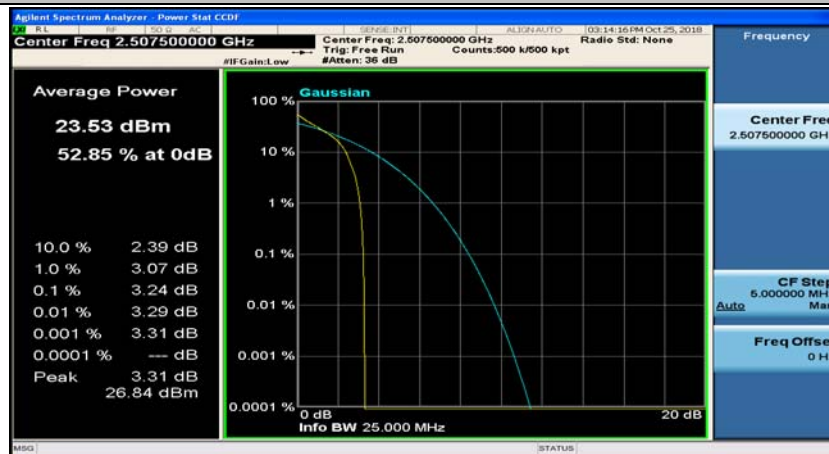


Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0



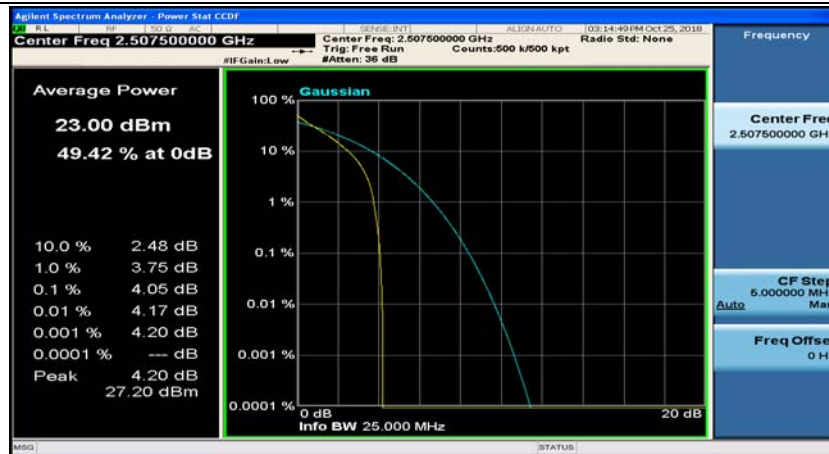
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#37



(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#74



(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#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



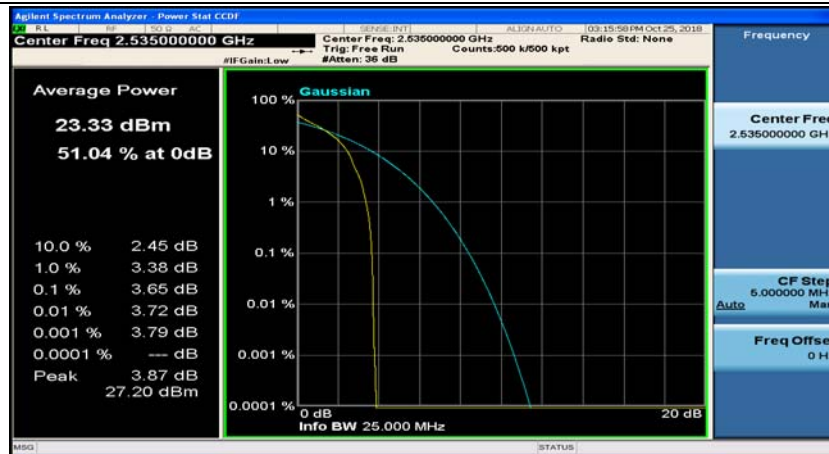
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37



(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74



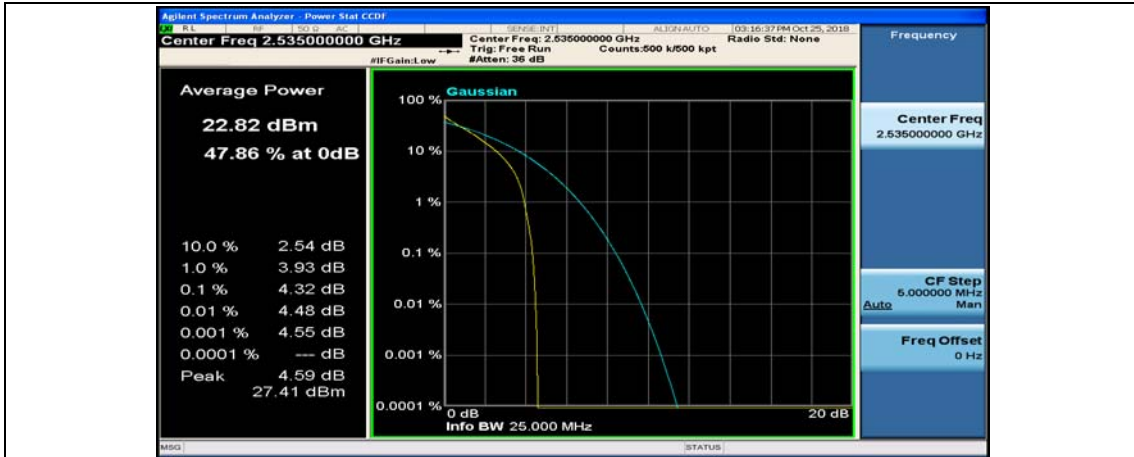
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18



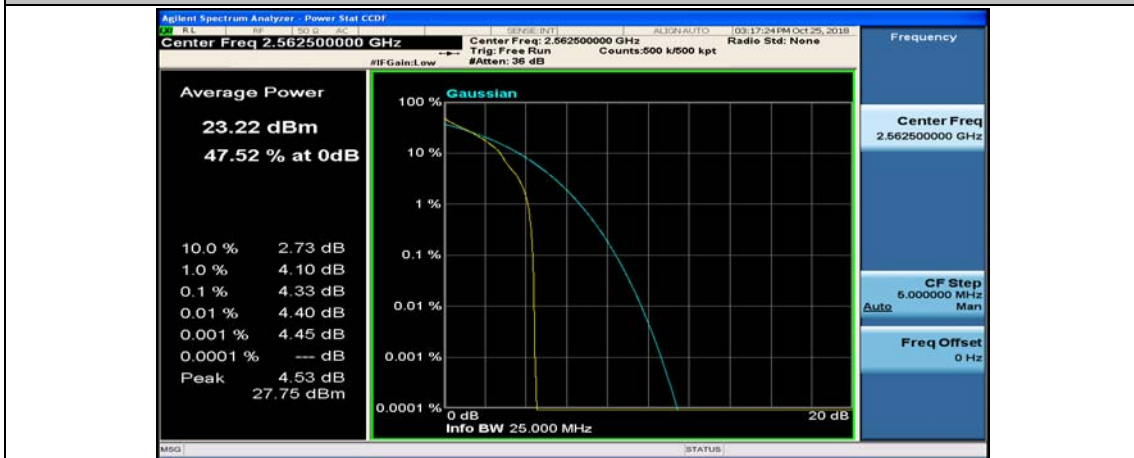
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38



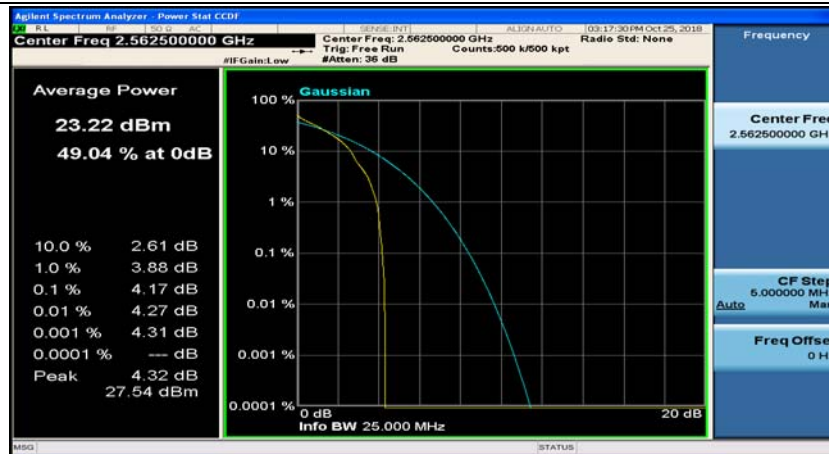
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



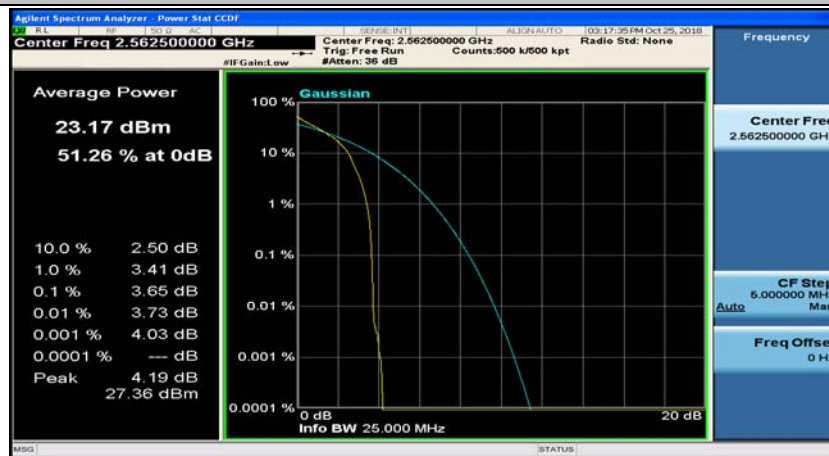
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37



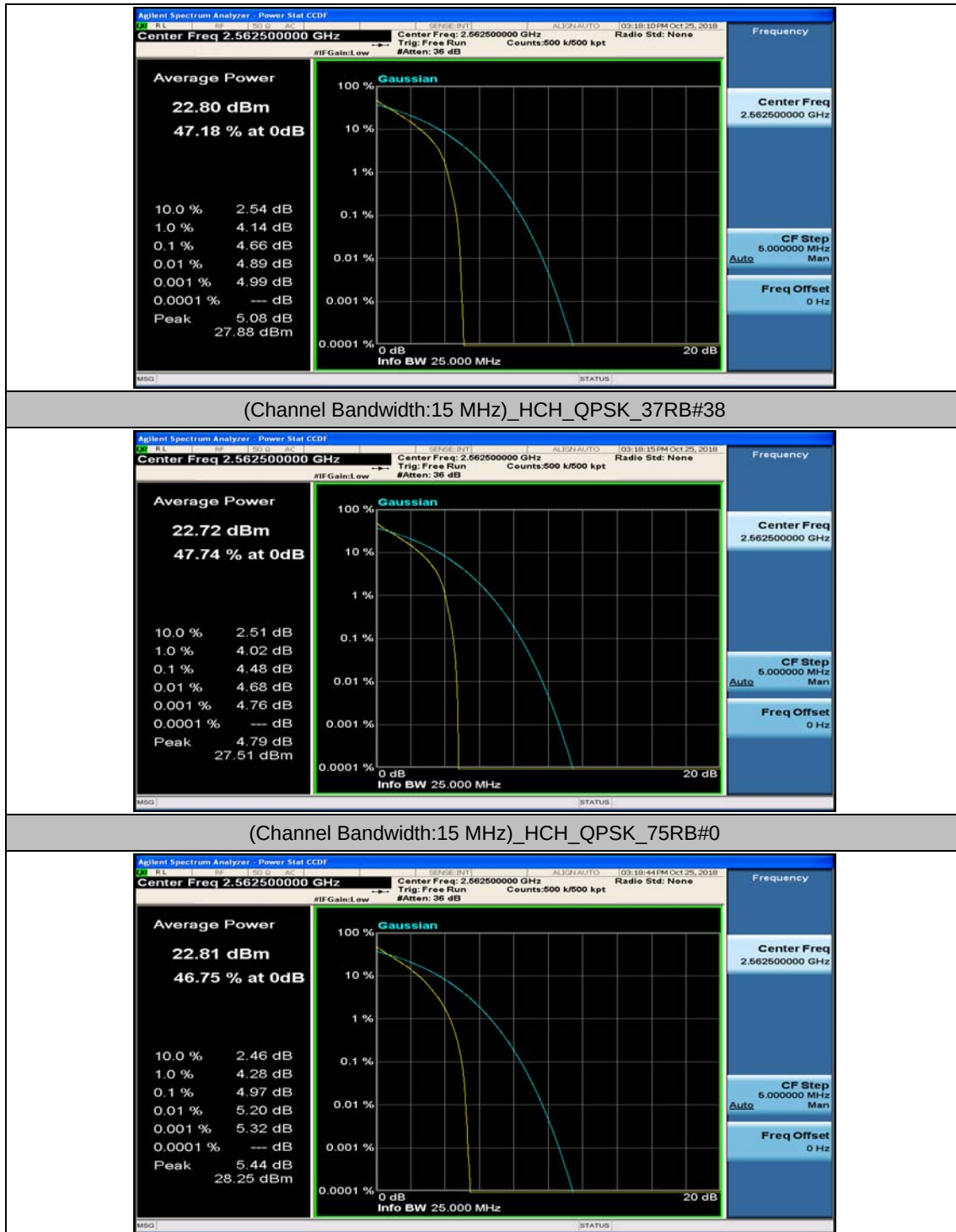
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



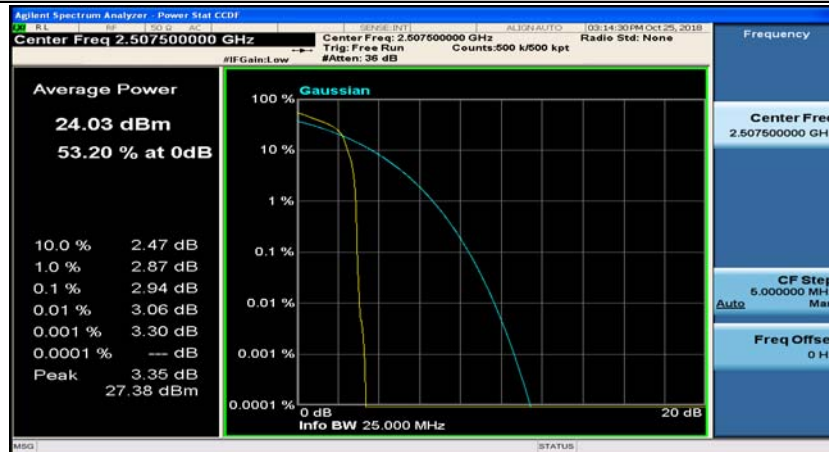
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



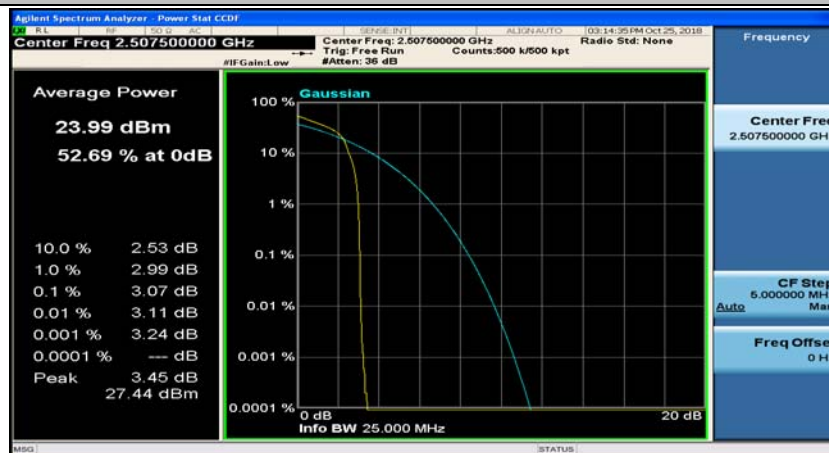
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



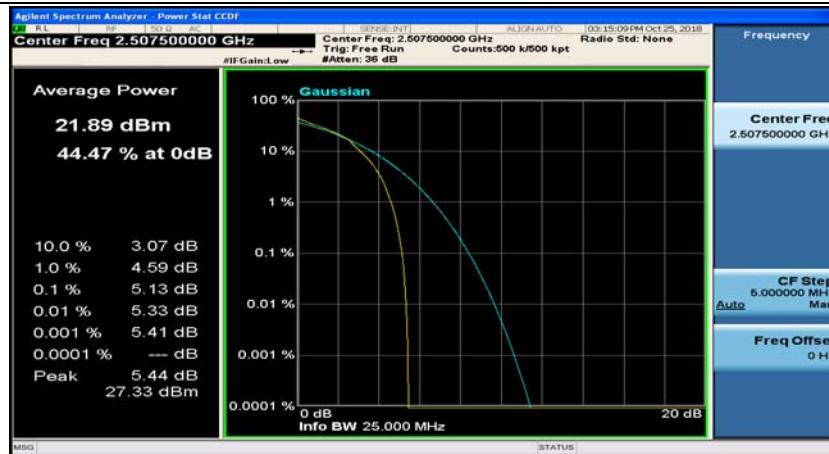
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18



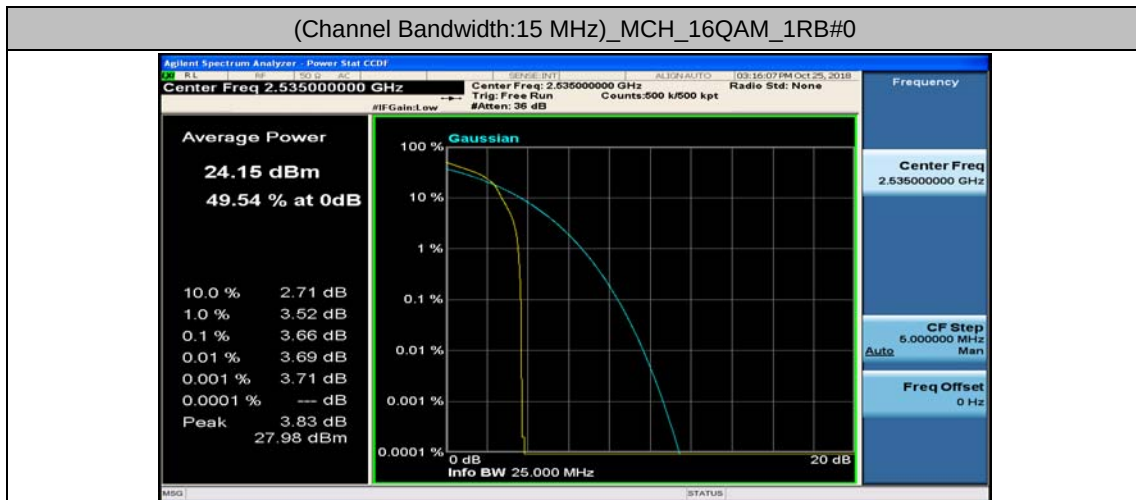
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38



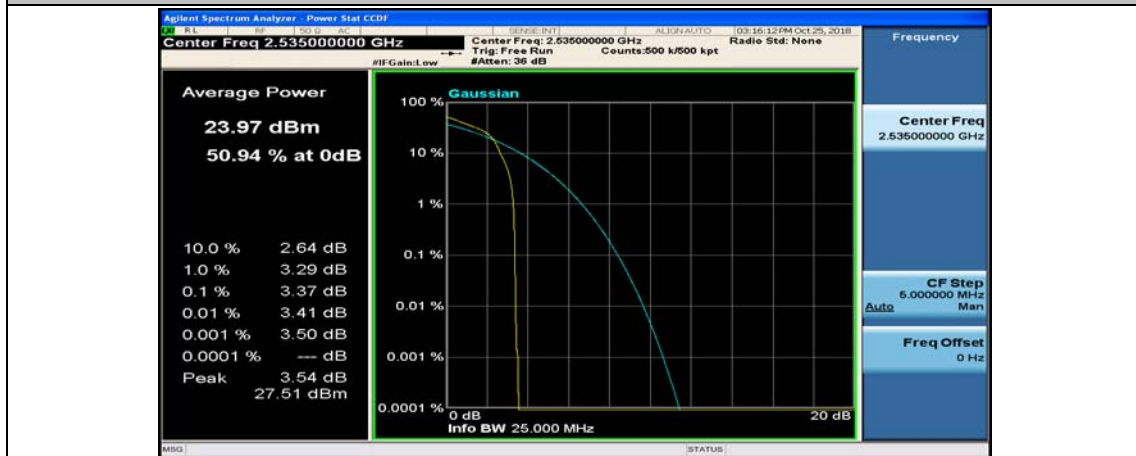
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



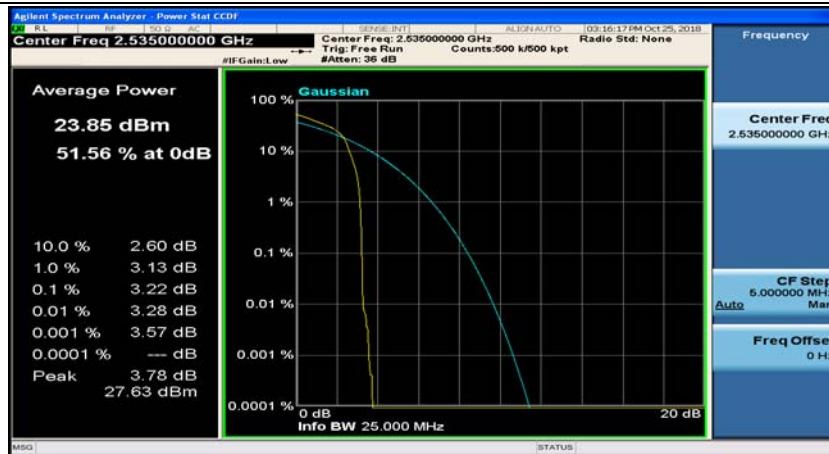
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37



(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74



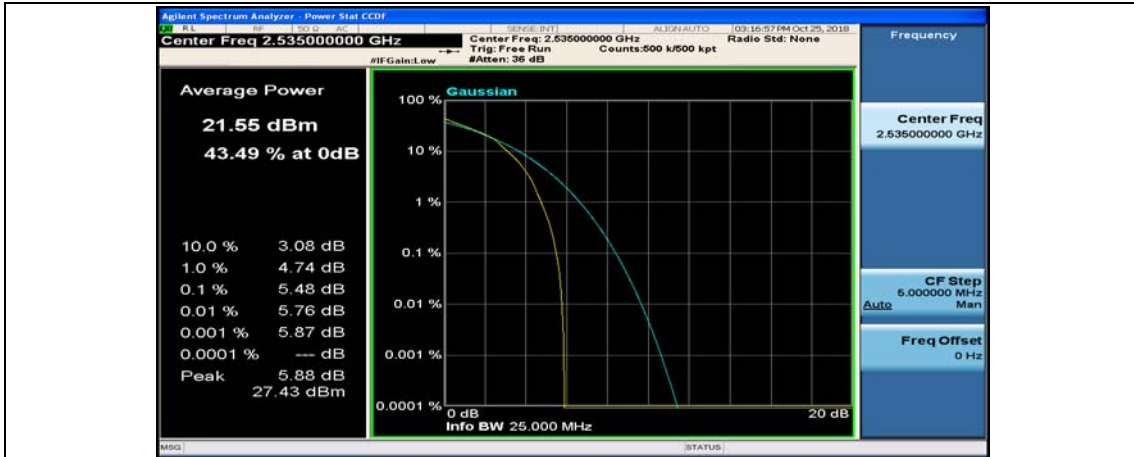
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0



(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18



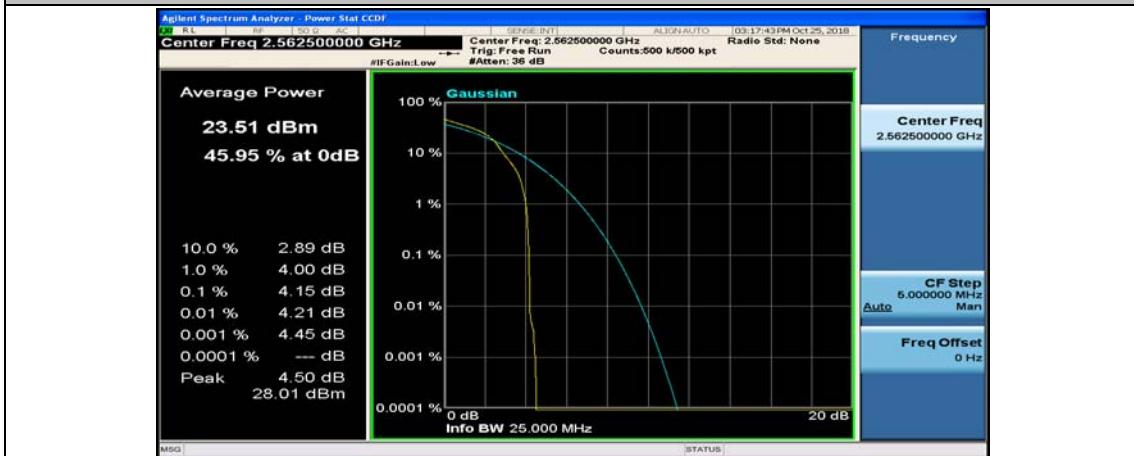
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38



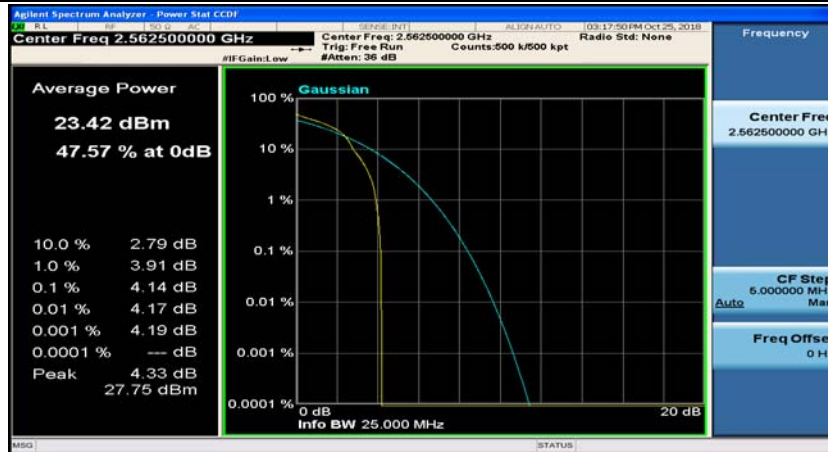
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



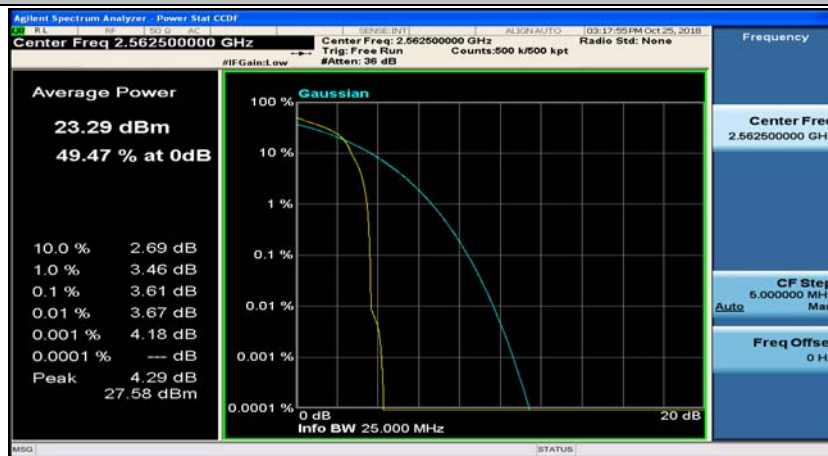
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



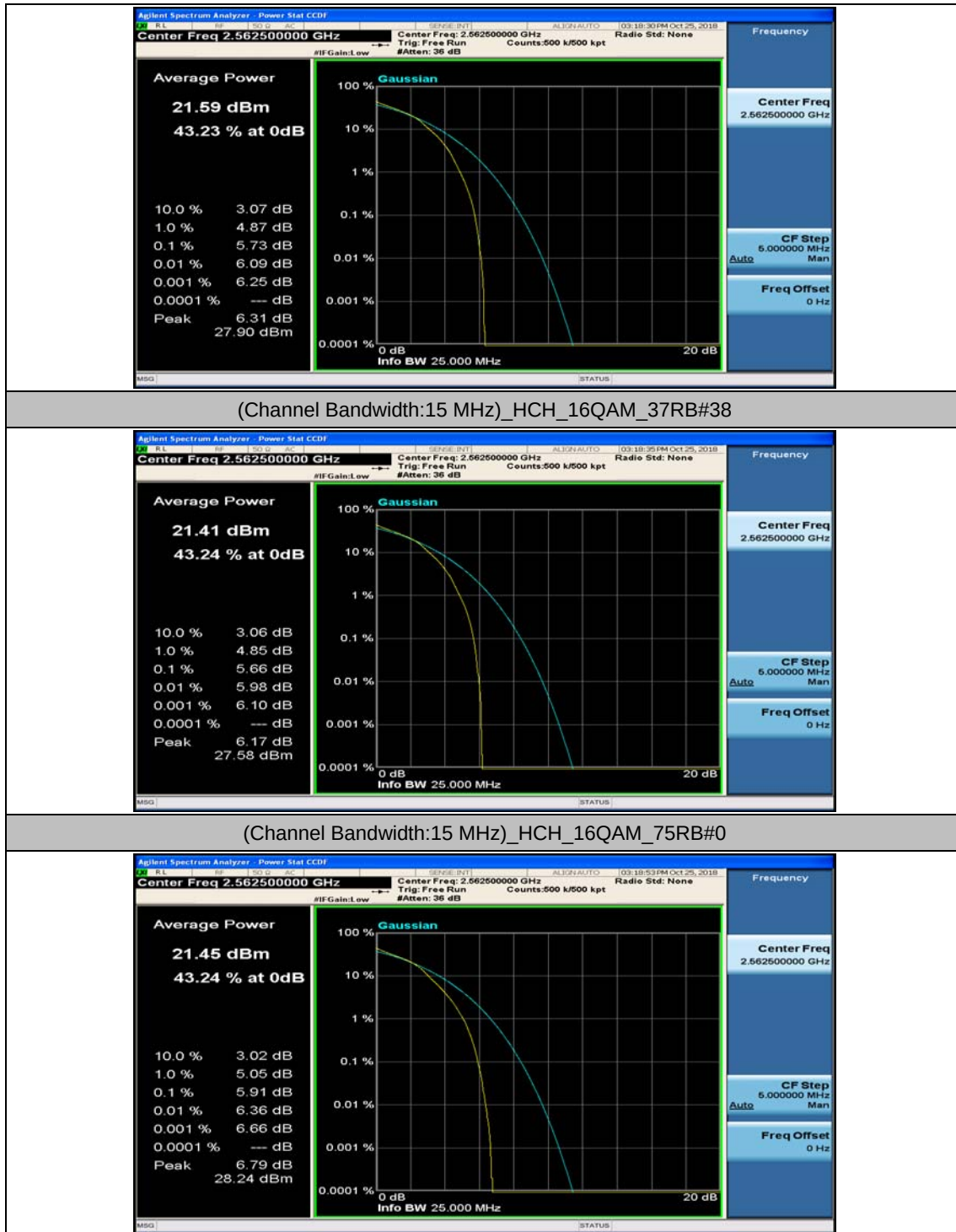
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0

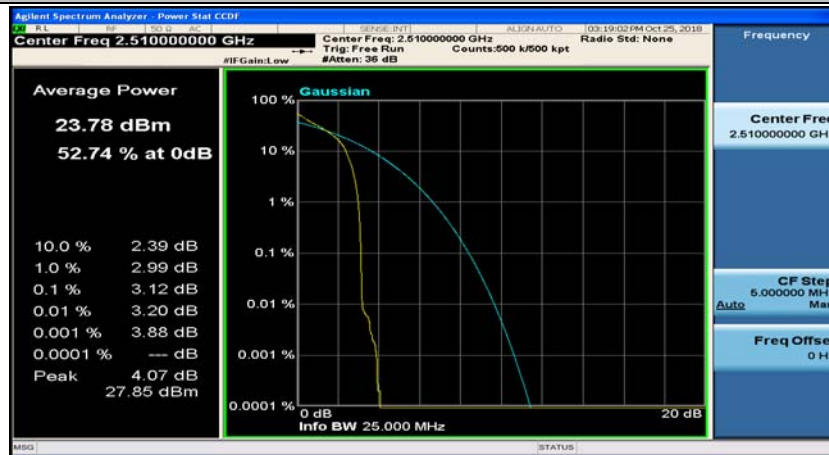


(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18

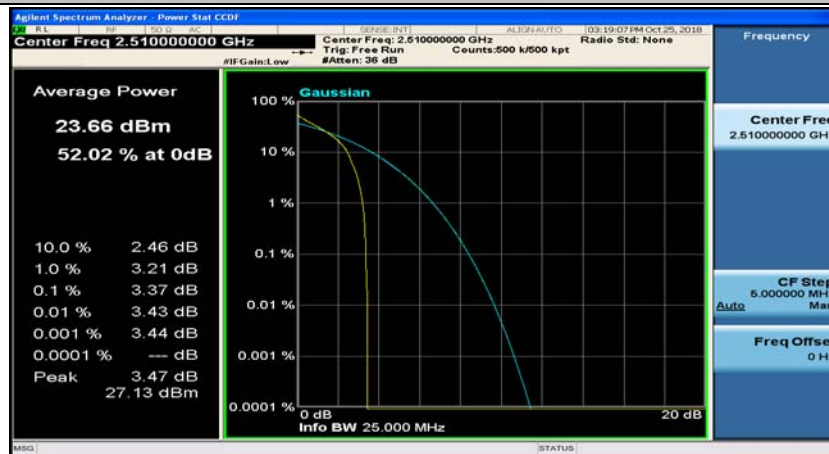


Channel Bandwidth: 20 MHz

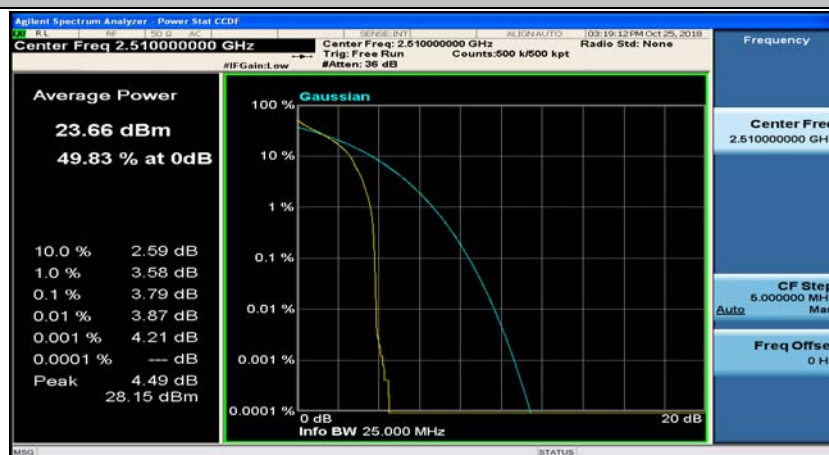
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#49



(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99



(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#0