

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	22.61	PASS
		1	12	22.66	PASS
		1	24	22.63	PASS
		12	0	21.73	PASS
		12	6	21.72	PASS
		12	13	21.03	PASS
		25	0	21.81	PASS
	MCH	1	0	21.68	PASS
		1	12	21.79	PASS
		1	24	21.78	PASS
		12	0	21.16	PASS
		12	6	21.28	PASS
		12	13	21.56	PASS
		25	0	21.38	PASS
	HCH	1	0	22.2	PASS
		1	12	22.43	PASS
		1	24	22.72	PASS
		12	0	21.74	PASS
		12	6	21.44	PASS
		12	13	21.24	PASS
		25	0	21.8	PASS
16QAM	LCH	1	0	21.26	PASS
		1	12	21.83	PASS
		1	24	21.67	PASS
		12	0	20.72	PASS
		12	6	20.36	PASS
		12	13	20.65	PASS
		25	0	20.78	PASS
	MCH	1	0	21.58	PASS
		1	12	21.53	PASS
		1	24	21.32	PASS

		12	0	20.98	PASS
		12	6	20.49	PASS
		12	13	20.73	PASS
		25	0	20.69	PASS
	HCH	1	0	21.3	PASS
		1	12	21.49	PASS
		1	24	21.9	PASS
		12	0	20.65	PASS
		12	6	20.47	PASS
		12	13	20.78	PASS
		25	0	20.67	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.4	PASS
		1	24	22.58	PASS
		1	49	22.89	PASS
		25	0	21.72	PASS
		25	12	21.63	PASS
		25	25	21.32	PASS
		50	0	21.1	PASS
	MCH	1	0	22.46	PASS
		1	24	22.17	PASS
		1	49	22.55	PASS
		25	0	21.85	PASS
		25	12	21.22	PASS
		25	25	21.69	PASS
		50	0	21.35	PASS
	HCH	1	0	22.37	PASS
		1	24	22.65	PASS
		1	49	22.79	PASS
		25	0	21.85	PASS
		25	12	21.83	PASS
		25	25	21.31	PASS
		50	0	21.67	PASS
16QAM	LCH	1	0	21.46	PASS
		1	24	21.91	PASS
		1	49	21.27	PASS
		25	0	20.72	PASS
		25	12	20.87	PASS
		25	25	20.65	PASS

	MCH	50	0	20.65	PASS
		1	0	21.94	PASS
		1	24	21.63	PASS
		1	49	21.24	PASS
		25	0	20.65	PASS
		25	12	20.78	PASS
		25	25	20.65	PASS
		50	0	20.79	PASS
	HCH	1	0	21.68	PASS
		1	24	21.62	PASS
		1	49	21.21	PASS
		25	0	20.63	PASS
		25	12	20.75	PASS
		25	25	20.73	PASS
		50	0	20.79	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.33	PASS
		1	37	22.83	PASS
		1	74	22.11	PASS
		37	0	21.63	PASS
		37	18	21.6	PASS
		37	38	21.23	PASS
		75	0	21.25	PASS
	MCH	1	0	22.32	PASS
		1	37	22.12	PASS
		1	74	22.58	PASS
		37	0	21.67	PASS
		37	18	21.18	PASS
		37	38	21.35	PASS
		75	0	21.42	PASS
	HCH	1	0	22.54	PASS
		1	37	22.78	PASS
		1	74	22.18	PASS
		37	0	21.39	PASS
		37	18	21.79	PASS
		37	38	21.77	PASS
		75	0	21.13	PASS
16QAM	LCH	1	0	21.16	PASS
		1	37	21.65	PASS

		1	74	21.68	PASS
		37	0	20.35	PASS
		37	18	20.65	PASS
		37	38	20.47	PASS
		75	0	20.69	PASS
	MCH	1	0	21.9	PASS
		1	37	21.47	PASS
		1	74	21.83	PASS
		37	0	20.83	PASS
		37	18	20.55	PASS
		37	38	20.58	PASS
		75	0	20.53	PASS
	HCH	1	0	20.78	PASS
		1	37	21.13	PASS
		1	74	21.41	PASS
		37	0	20.56	PASS
		37	18	20.83	PASS
		37	38	20.53	PASS
		75	0	20.65	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.63	PASS
		1	49	21.86	PASS
		1	99	21.95	PASS
		50	0	21.15	PASS
		50	25	21.06	PASS
		50	50	21.44	PASS
		100	0	21.51	PASS
	MCH	1	0	22.15	PASS
		1	49	22.62	PASS
		1	99	22.14	PASS
		50	0	21.63	PASS
		50	25	21.26	PASS
		50	50	21.21	PASS
		100	0	21.54	PASS
	HCH	1	0	22.89	PASS
		1	49	22.23	PASS
		1	99	22.14	PASS
		50	0	21.85	PASS
		50	25	21.58	PASS

		50	50	21.55	PASS
		100	0	21.77	PASS
16QAM	LCH	1	0	21.68	PASS
		1	49	21.32	PASS
		1	99	21.39	PASS
		50	0	20.68	PASS
		50	25	20.78	PASS
		50	50	20.67	PASS
		100	0	20.39	PASS
	MCH	1	0	21.65	PASS
		1	49	21.31	PASS
		1	99	21.15	PASS
		50	0	20.98	PASS
		50	25	20.68	PASS
		50	50	20.47	PASS
		100	0	20.65	PASS
	HCH	1	0	21.06	PASS
		1	49	21.32	PASS
		1	99	21.47	PASS
		50	0	20.72	PASS
		50	25	20.65	PASS
		50	50	20.78	PASS
		100	0	20.68	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	3.33	<13	PASS
		1	12	3.57	<13	PASS
		1	24	3.09	<13	PASS
		12	0	4.95	<13	PASS
		12	6	4.86	<13	PASS
		12	13	4.64	<13	PASS
		25	0	4.89	<13	PASS
	MCH	1	0	3.85	<13	PASS
		1	12	4.14	<13	PASS
		1	24	3.61	<13	PASS
		12	0	5.72	<13	PASS
		12	6	5.63	<13	PASS
		12	13	5.43	<13	PASS
		25	0	5.65	<13	PASS
	HCH	1	0	3.71	<13	PASS
		1	12	3.51	<13	PASS
		1	24	2.54	<13	PASS
		12	0	5.25	<13	PASS
		12	6	5.05	<13	PASS
		12	13	4.36	<13	PASS
		25	0	4.9	<13	PASS
16QAM	LCH	1	0	4.36	<13	PASS
		1	12	4.71	<13	PASS
		1	24	4.17	<13	PASS
		12	0	5.83	<13	PASS
		12	6	5.7	<13	PASS
		12	13	5.53	<13	PASS
		25	0	5.79	<13	PASS
	MCH	1	0	5.2	<13	PASS
		1	12	4.79	<13	PASS
		1	24	4.63	<13	PASS
		12	0	6.57	<13	PASS

		12	6	6.33	<13	PASS
		12	13	6.25	<13	PASS
		25	0	6.42	<13	PASS
	HCH	1	0	4.76	<13	PASS
		1	12	4.51	<13	PASS
		1	24	3.63	<13	PASS
		12	0	6.16	<13	PASS
		12	6	5.97	<13	PASS
		12	13	5.4	<13	PASS
		25	0	5.8	<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	3.58	<13	PASS
		1	24	3.38	<13	PASS
		1	49	3.29	<13	PASS
		25	0	4.84	<13	PASS
		25	12	4.6	<13	PASS
		25	25	4.32	<13	PASS
		50	0	4.62	<13	PASS
	MCH	1	0	4.38	<13	PASS
		1	24	3.94	<13	PASS
		1	49	3.67	<13	PASS
		25	0	5.82	<13	PASS
		25	12	5.68	<13	PASS
		25	25	5.39	<13	PASS
		50	0	5.66	<13	PASS
	HCH	1	0	4.63	<13	PASS
		1	24	4.06	<13	PASS
		1	49	2.94	<13	PASS
		25	0	5.8	<13	PASS
		25	12	5.57	<13	PASS
		25	25	5.02	<13	PASS
		50	0	5.55	<13	PASS
16QAM	LCH	1	0	4.68	<13	PASS
		1	24	4.35	<13	PASS
		1	49	4.32	<13	PASS
		25	0	5.68	<13	PASS
		25	12	5.45	<13	PASS

		25	25	5.13	<13	PASS
		50	0	5.4	<13	PASS
	MCH	1	0	5.41	<13	PASS
		1	24	5.11	<13	PASS
		1	49	4.81	<13	PASS
		25	0	6.67	<13	PASS
		25	12	6.55	<13	PASS
		25	25	6.21	<13	PASS
		50	0	6.46	<13	PASS
		50	0	6.42	<13	PASS
	HCH	1	0	5.47	<13	PASS
		1	24	5.05	<13	PASS
		1	49	3.97	<13	PASS
		25	0	6.68	<13	PASS
		25	12	6.43	<13	PASS
		25	25	6.03	<13	PASS
		50	0	6.42	<13	PASS
		50	0	6.42	<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	3.48	<13	PASS
		1	37	3.24	<13	PASS
		1	74	3.9	<13	PASS
		37	0	4.67	<13	PASS
		37	18	4.38	<13	PASS
		37	38	4.36	<13	PASS
		75	0	4.93	<13	PASS
		75	0	4.93	<13	PASS
	MCH	1	0	4.5	<13	PASS
		1	37	3.89	<13	PASS
		1	74	3.26	<13	PASS
		37	0	5.86	<13	PASS
		37	18	5.65	<13	PASS
		37	38	5.24	<13	PASS
		75	0	5.94	<13	PASS
		75	0	5.94	<13	PASS
	HCH	1	0	4.65	<13	PASS
		1	37	4.45	<13	PASS
		1	74	2.7	<13	PASS
		37	0	5.97	<13	PASS
		37	18	5.85	<13	PASS
		37	38	5.4	<13	PASS
		37	38	5.4	<13	PASS
		37	38	5.4	<13	PASS

		75	0	6.12	<13	PASS
16QAM	LCH	1	0	4.52	<13	PASS
		1	37	4.25	<13	PASS
		1	74	4.62	<13	PASS
		37	0	5.57	<13	PASS
		37	18	5.14	<13	PASS
		37	38	5.14	<13	PASS
		75	0	5.6	<13	PASS
	MCH	1	0	5.37	<13	PASS
		1	37	5.06	<13	PASS
		1	74	4.41	<13	PASS
		37	0	6.69	<13	PASS
		37	18	6.53	<13	PASS
		37	38	6.15	<13	PASS
		75	0	6.5	<13	PASS
	HCH	1	0	5.47	<13	PASS
		1	37	5.24	<13	PASS
		1	74	3.88	<13	PASS
		37	0	6.8	<13	PASS
		37	18	6.62	<13	PASS
		37	38	6.23	<13	PASS
		75	0	6.7	<13	PASS

Channel Bandwidth: 20 MHz

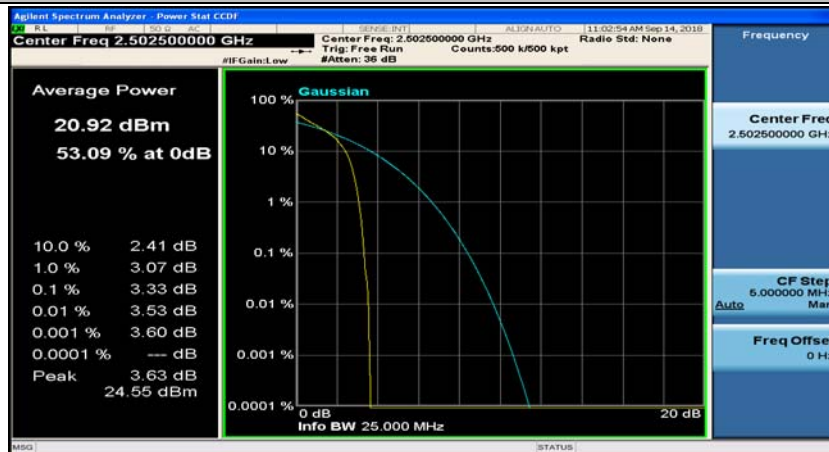
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.57	<13	PASS
		1	49	3.24	<13	PASS
		1	99	4.55	<13	PASS
		50	0	4.61	<13	PASS
		50	25	4.51	<13	PASS
		50	50	5.05	<13	PASS
		100	0	5.04	<13	PASS
	MCH	1	0	4.71	<13	PASS
		1	49	4.25	<13	PASS
		1	99	3.27	<13	PASS
		50	0	5.97	<13	PASS
		50	25	5.7	<13	PASS
		50	50	5.16	<13	PASS
		100	0	5.82	<13	PASS

	HCH	1	0	3.85	<13	PASS
		1	49	4.66	<13	PASS
		1	99	2.87	<13	PASS
		50	0	5.82	<13	PASS
		50	25	6.03	<13	PASS
		50	50	5.65	<13	PASS
		100	0	5.92	<13	PASS
16QAM	LCH	1	0	4.34	<13	PASS
		1	49	3.88	<13	PASS
		1	99	5.53	<13	PASS
		50	0	5.34	<13	PASS
		50	25	5.23	<13	PASS
		50	50	5.69	<13	PASS
		100	0	5.74	<13	PASS
	MCH	1	0	5.52	<13	PASS
		1	49	5.05	<13	PASS
		1	99	4.09	<13	PASS
		50	0	6.69	<13	PASS
		50	25	6.4	<13	PASS
		50	50	5.96	<13	PASS
		100	0	6.47	<13	PASS
	HCH	1	0	4.85	<13	PASS
		1	49	5.59	<13	PASS
		1	99	3.9	<13	PASS
		50	0	6.52	<13	PASS
		50	25	6.77	<13	PASS
		50	50	6.51	<13	PASS
		100	0	6.64	<13	PASS

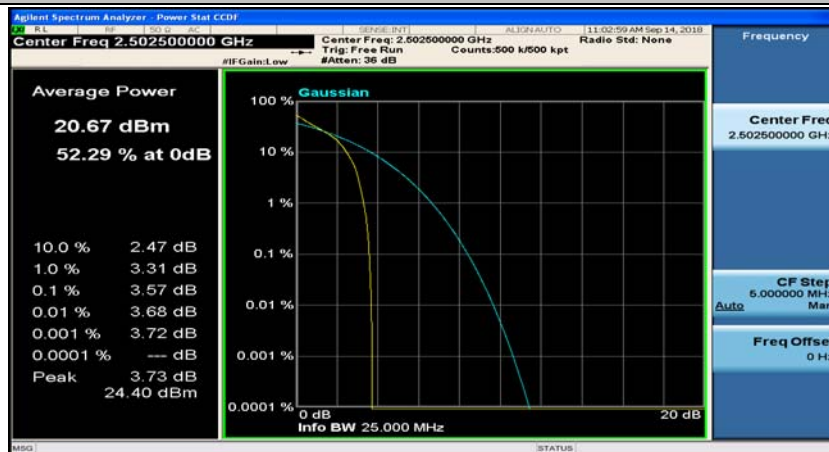
Test Graphs

Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



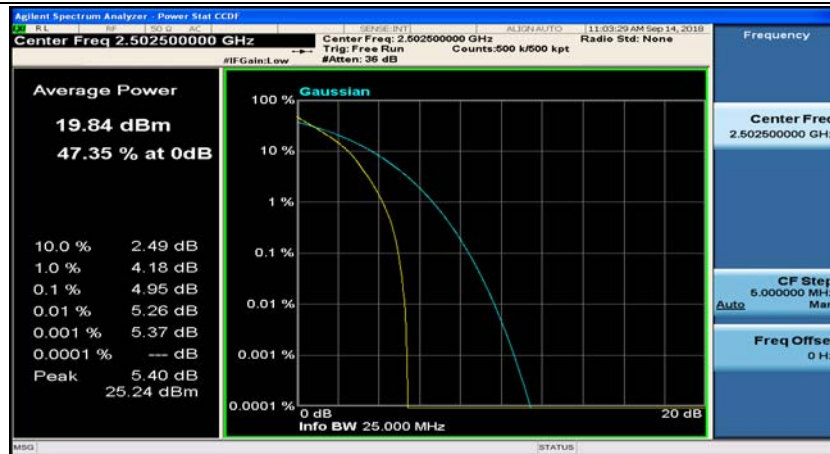
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



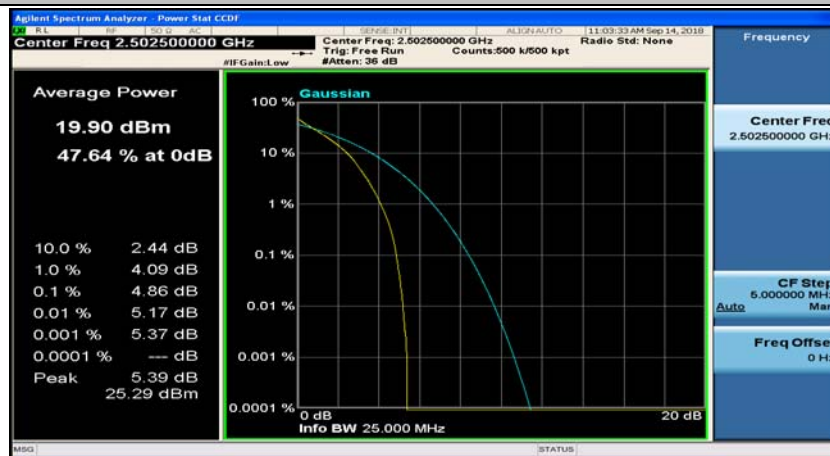
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



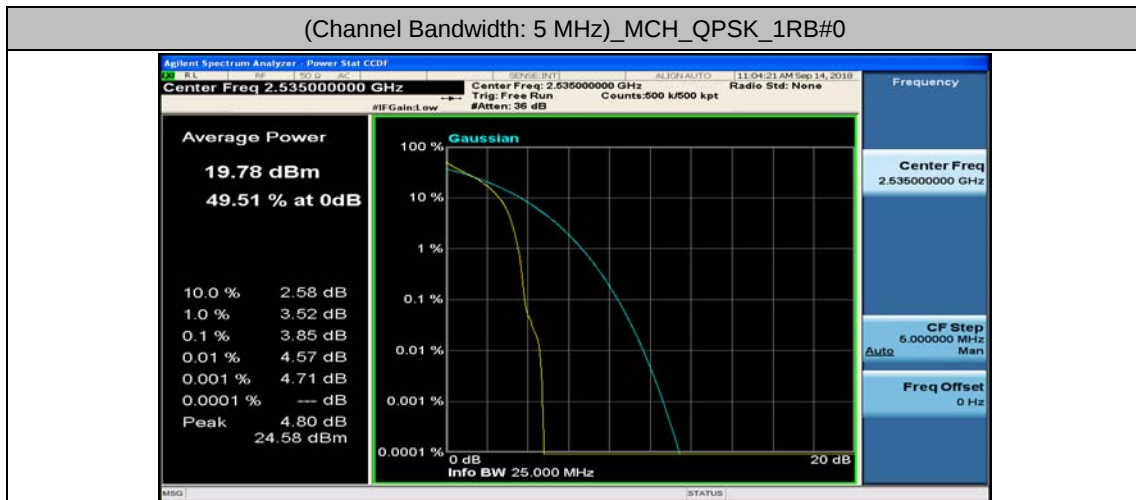
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



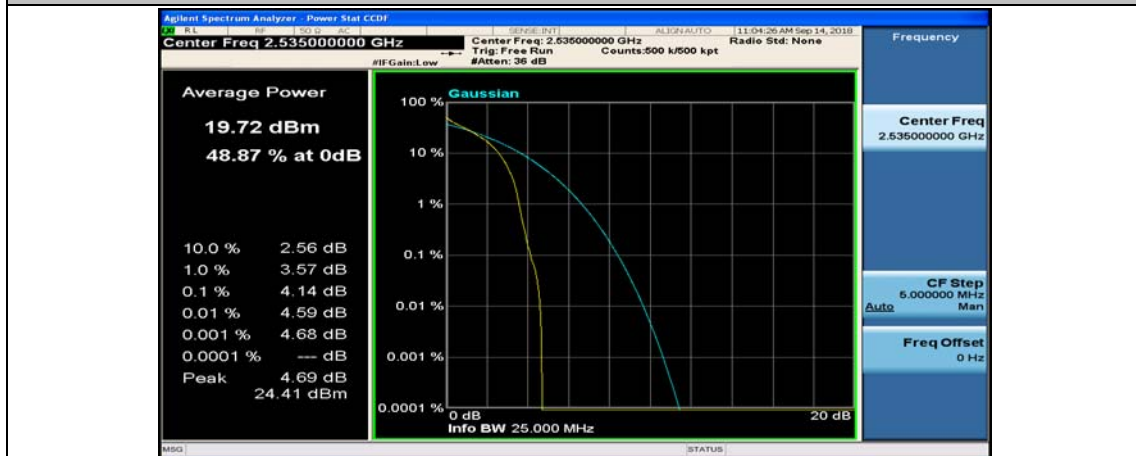
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



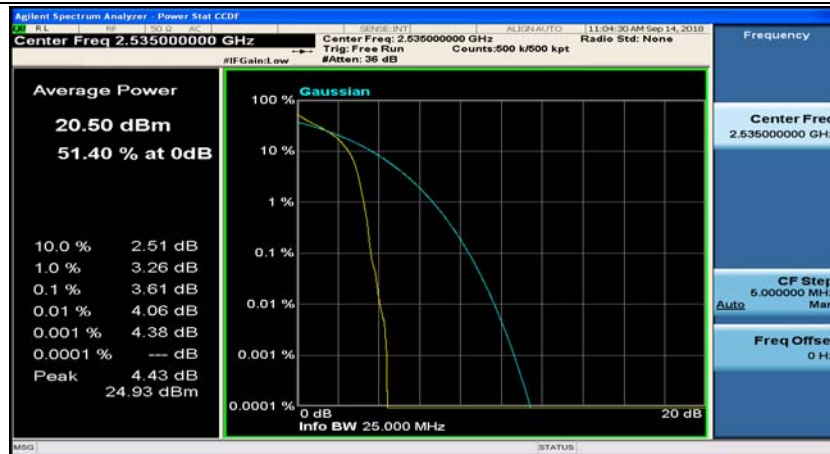
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



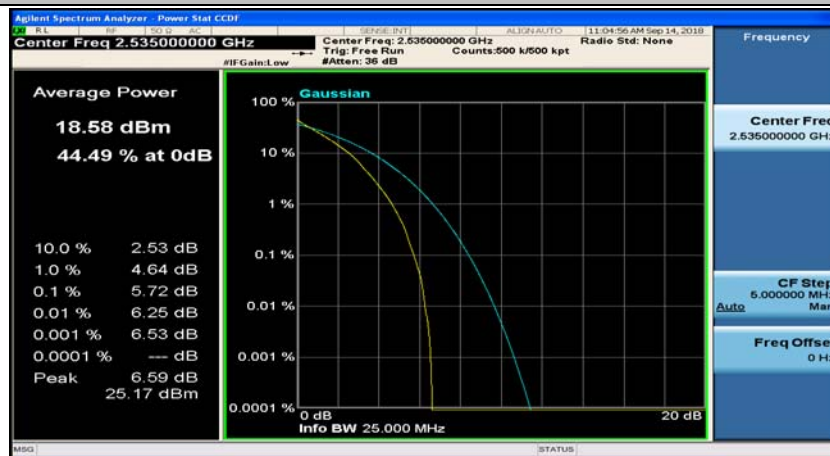
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



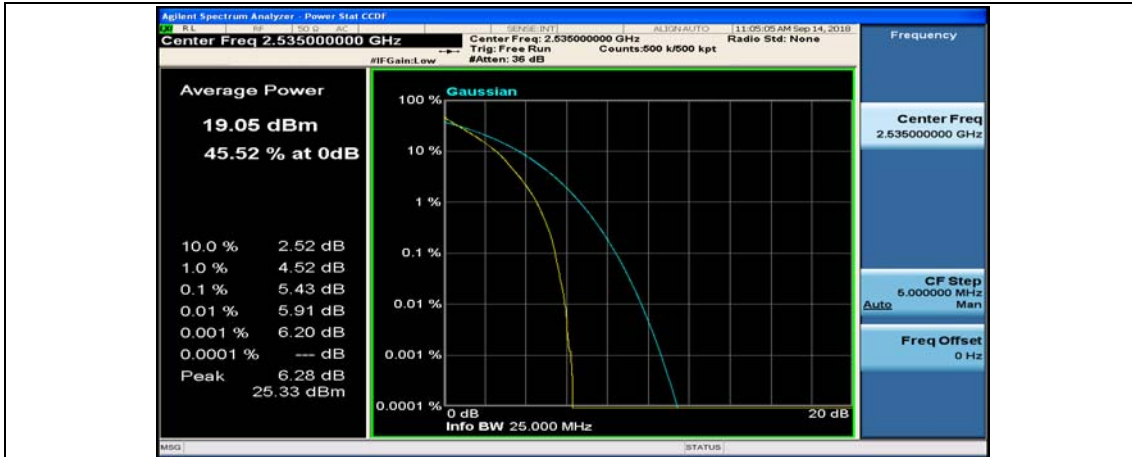
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



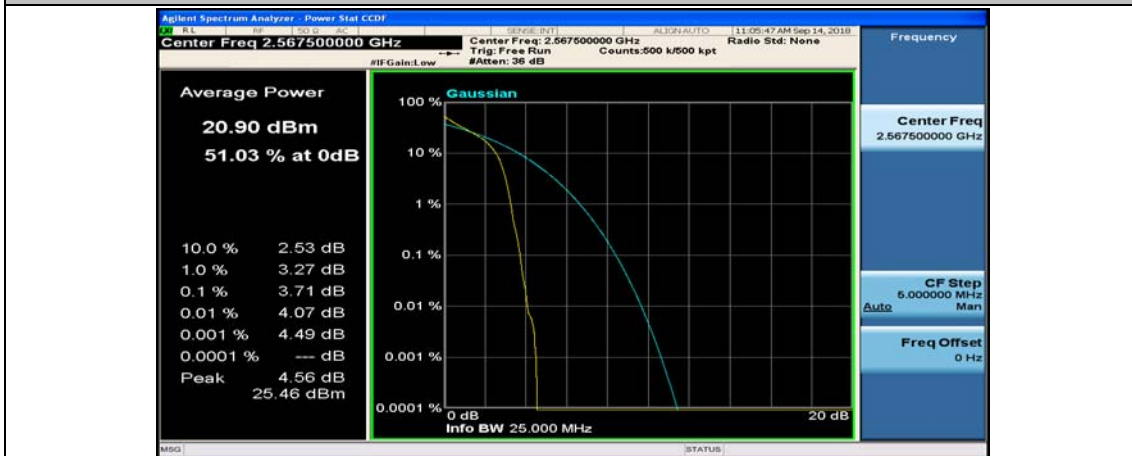
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



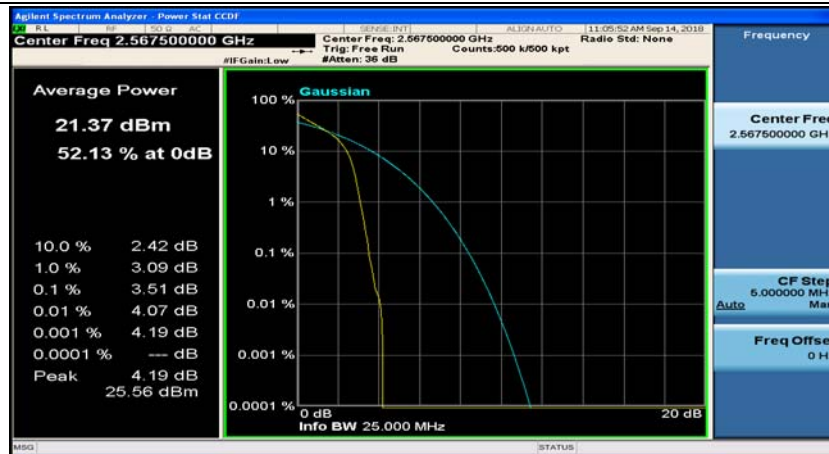
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



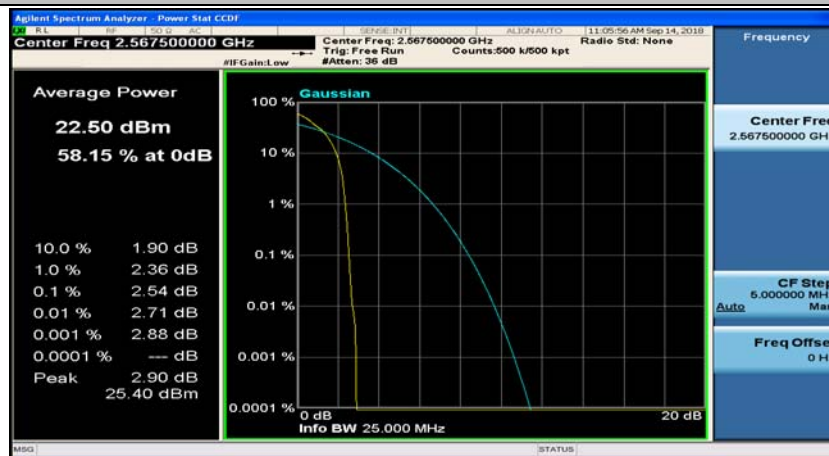
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



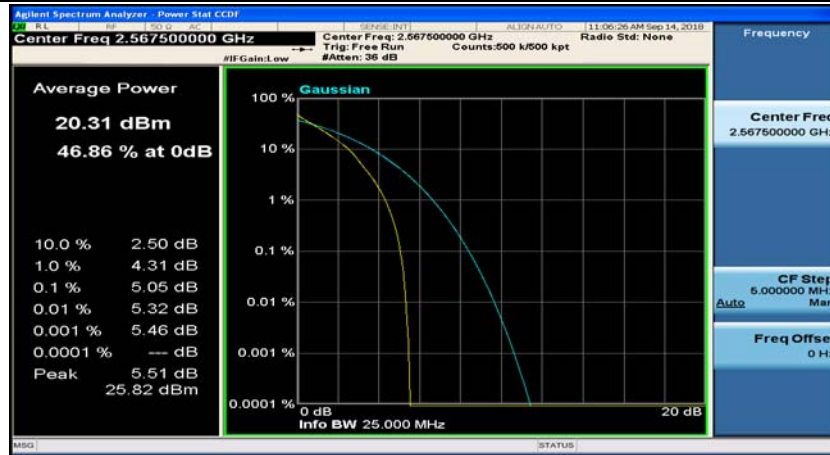
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



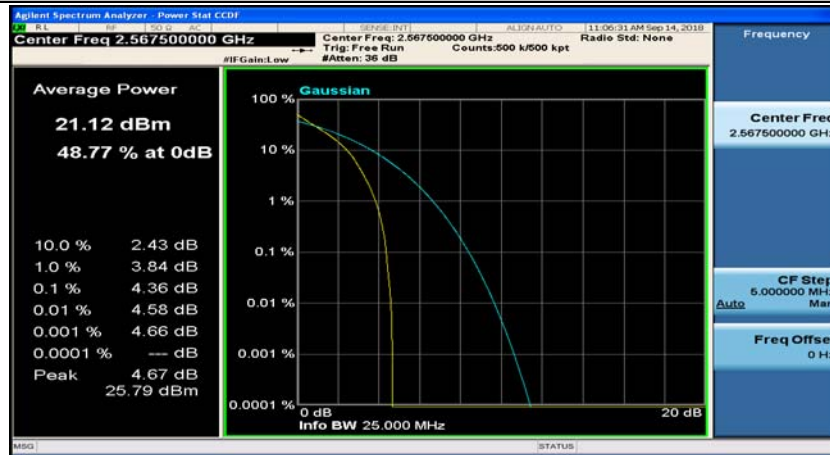
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



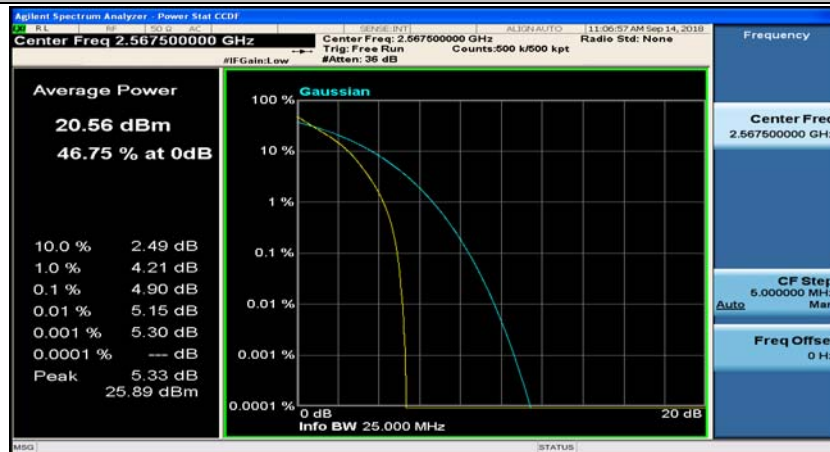
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



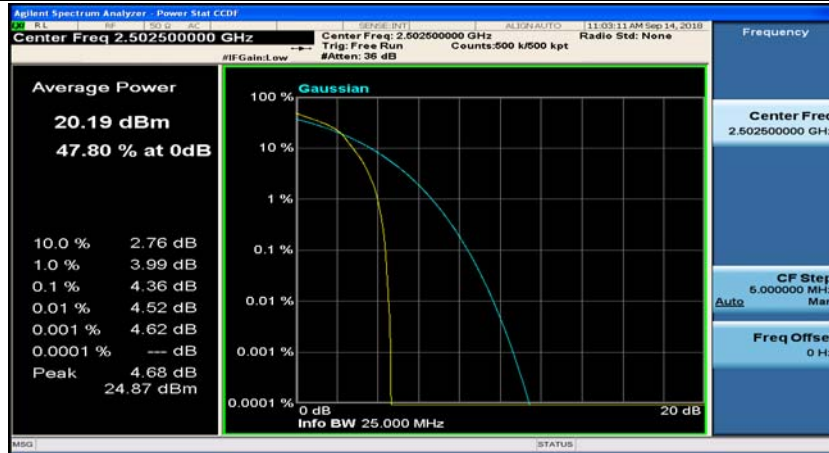
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



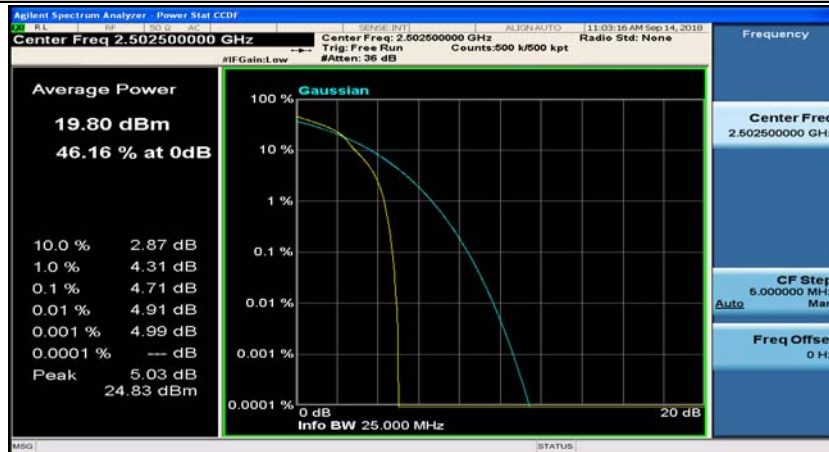
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



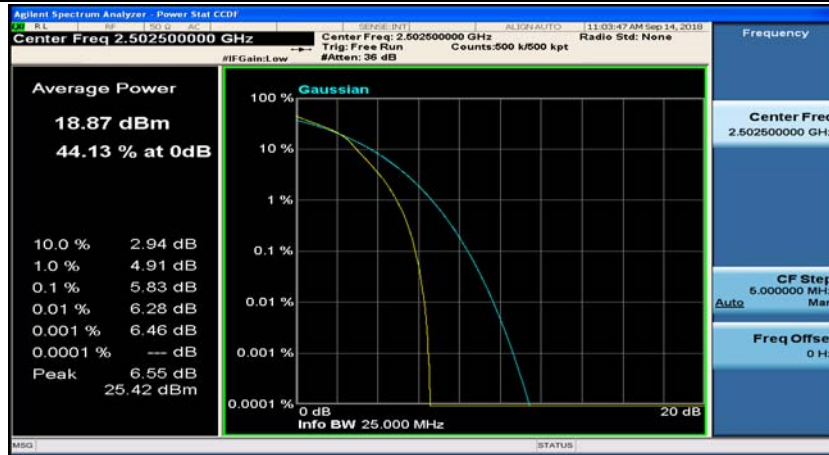
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



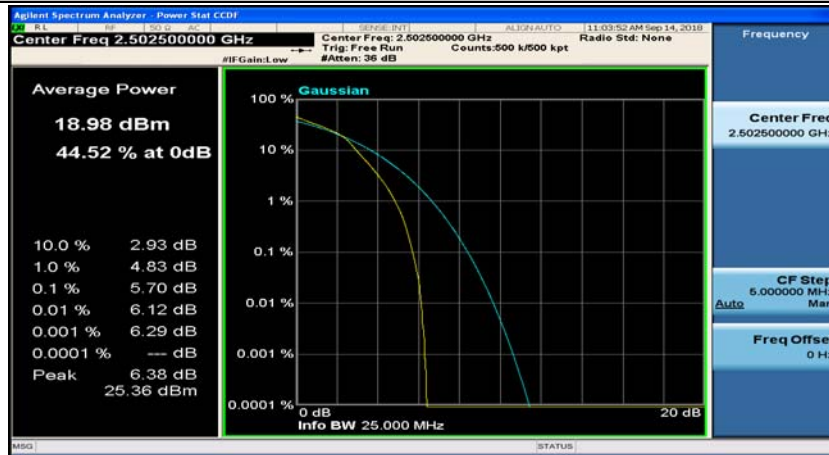
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



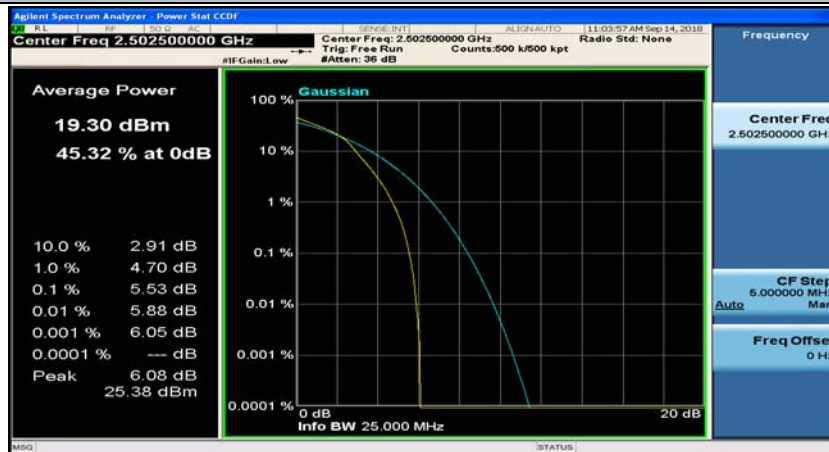
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



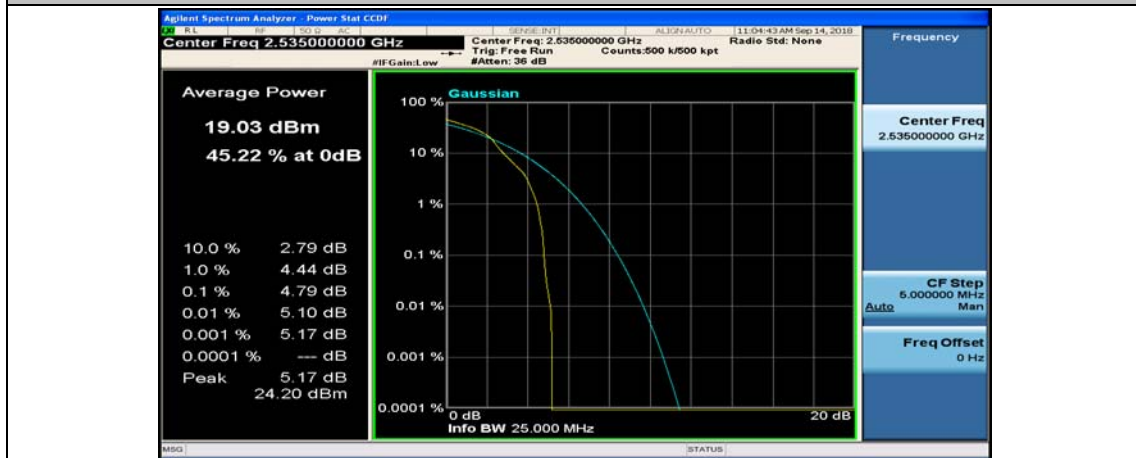
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



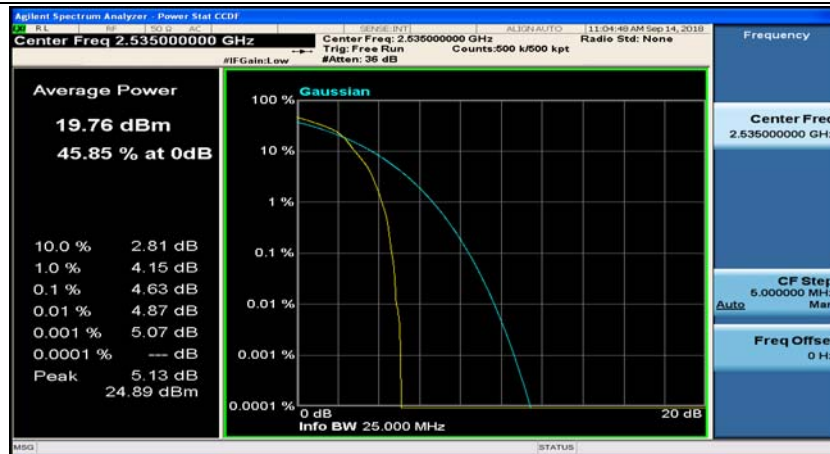
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



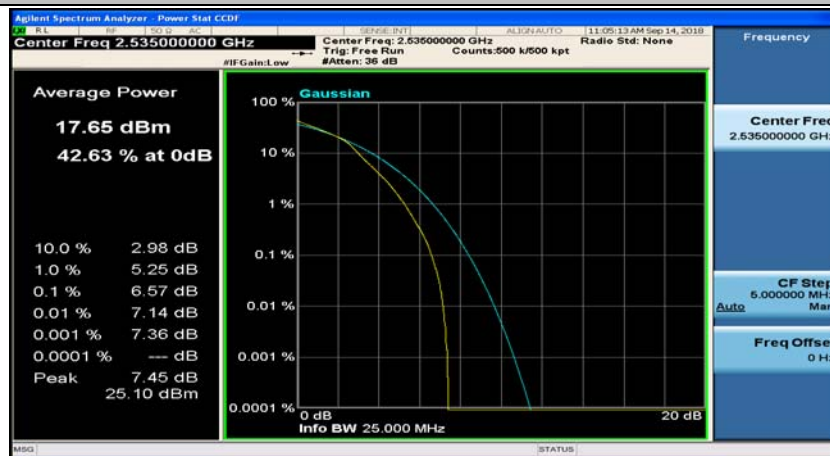
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



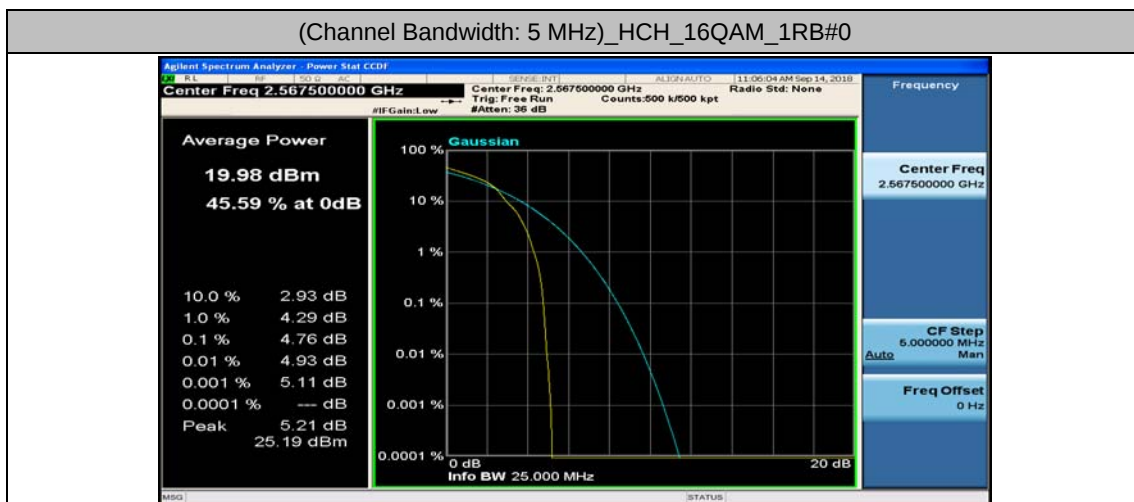
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



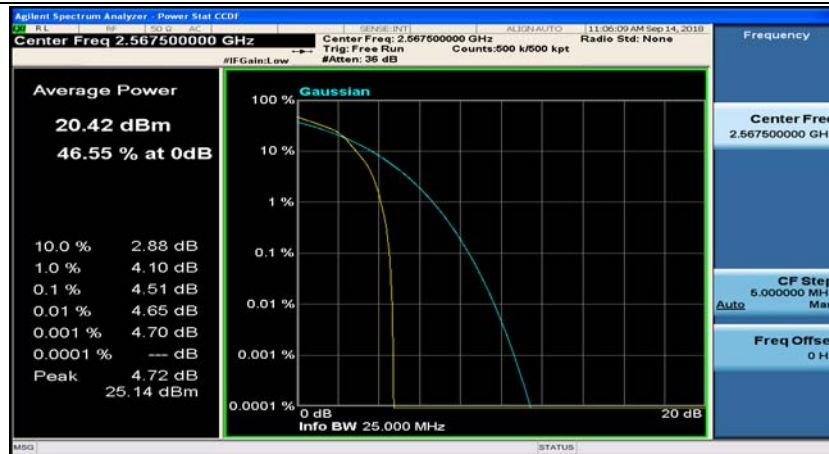
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



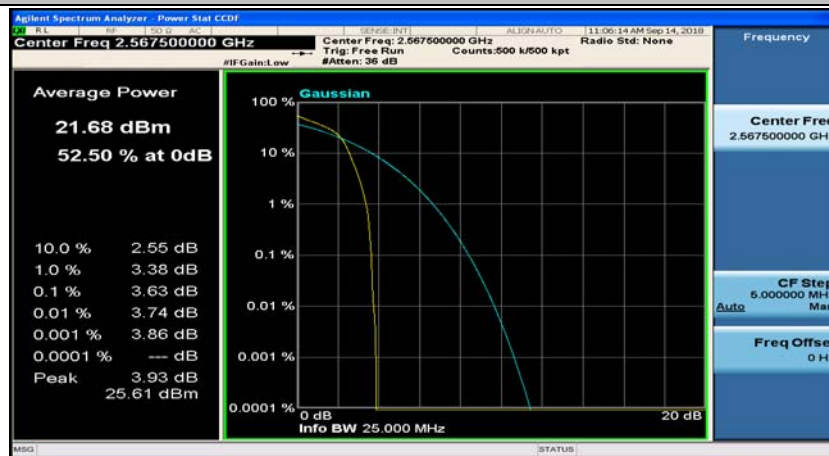
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



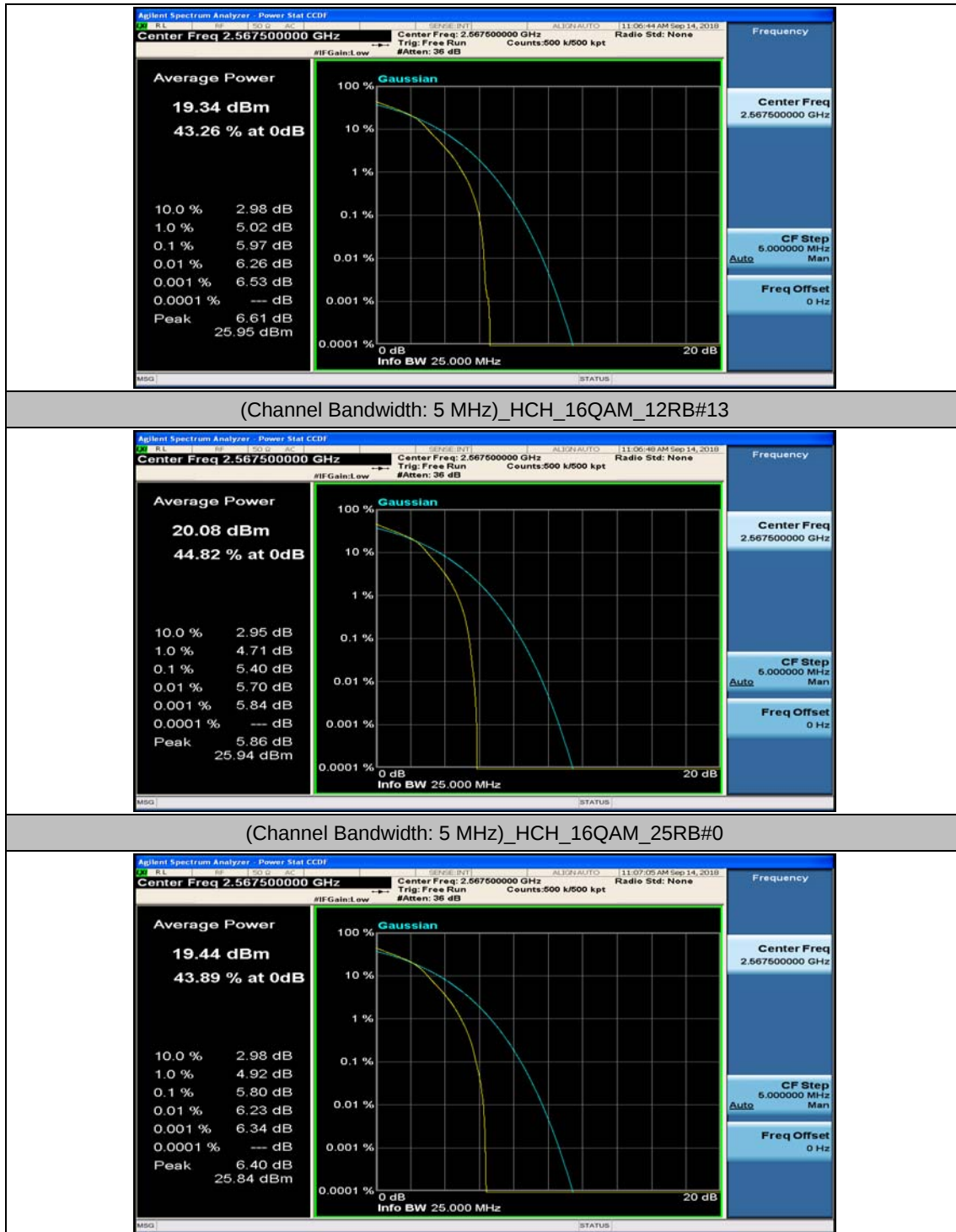
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



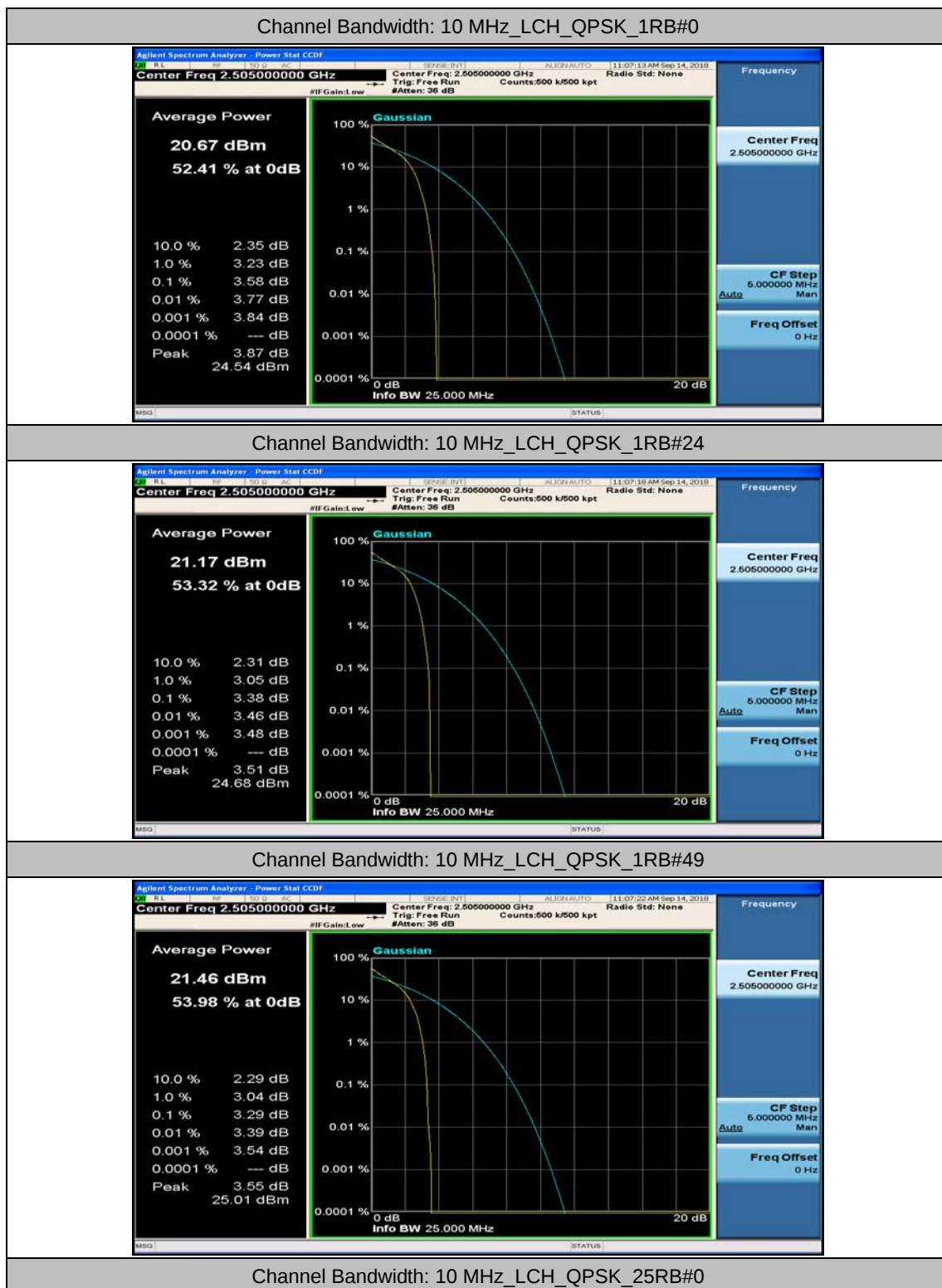
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0

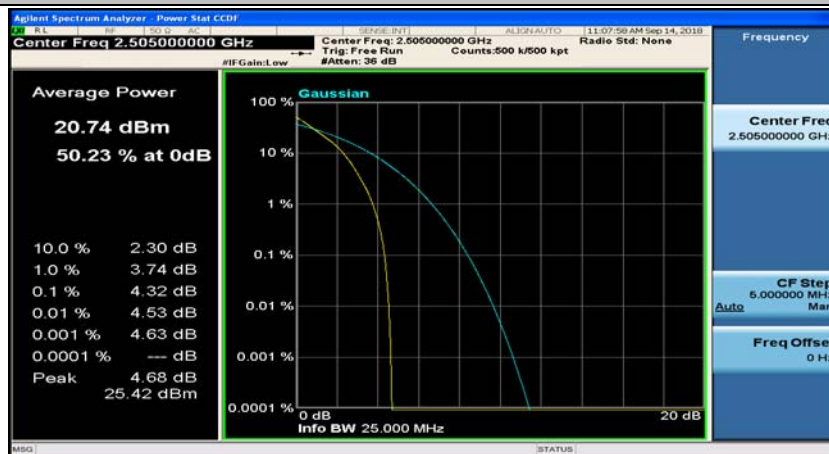
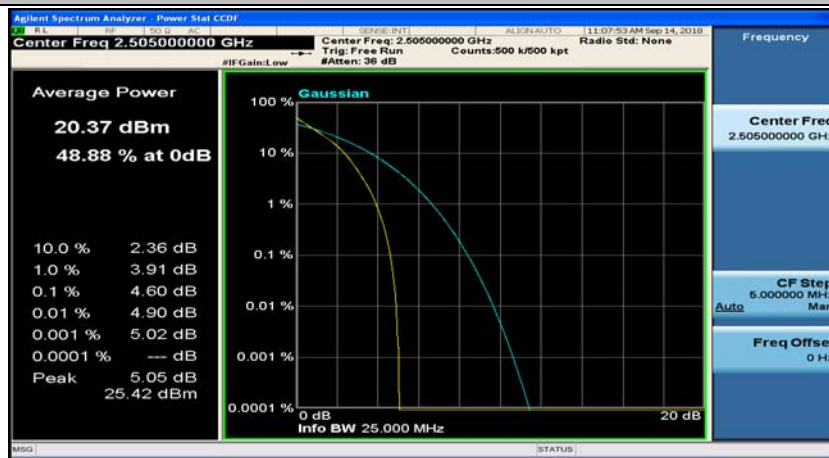
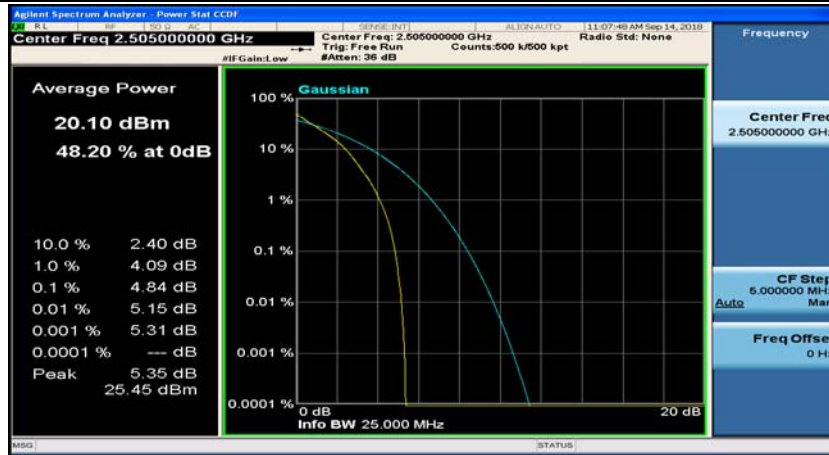


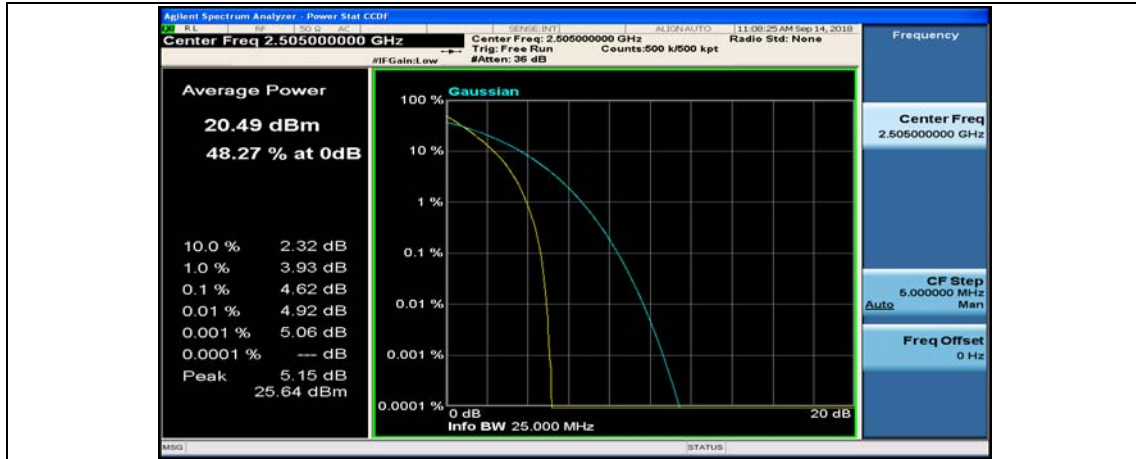
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



Channel Bandwidth: 10 MHz







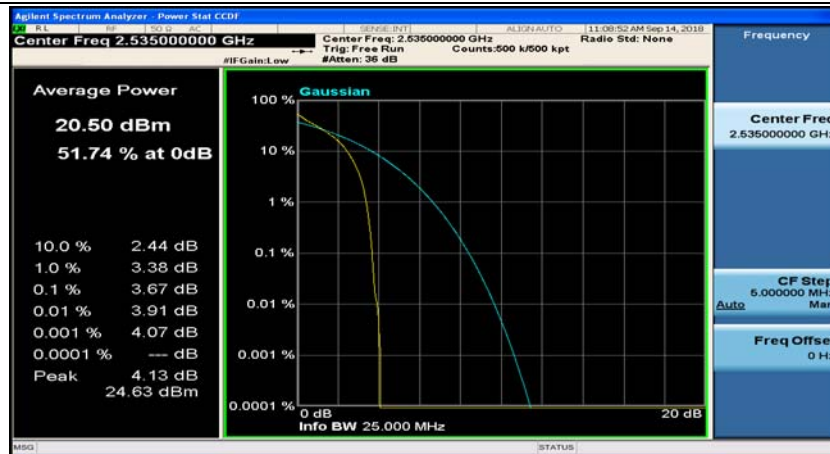
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



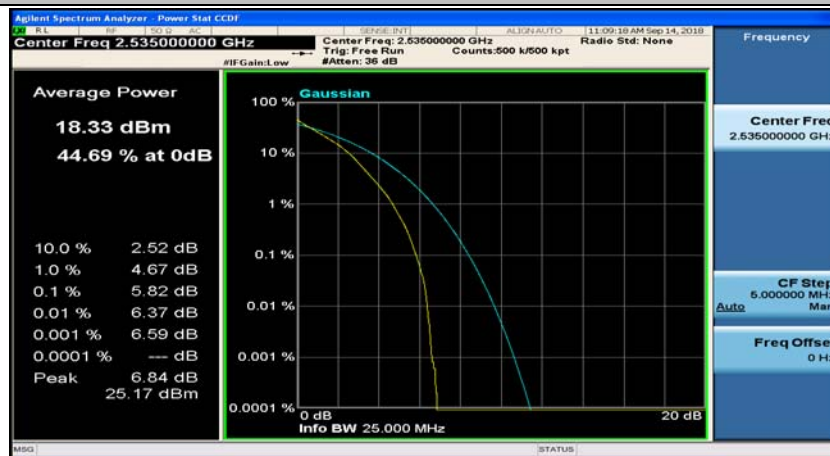
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



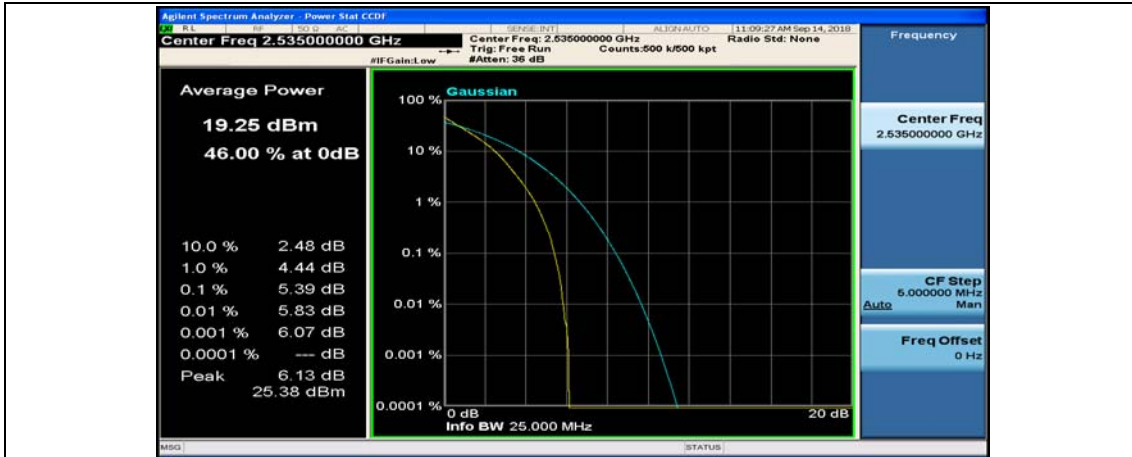
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



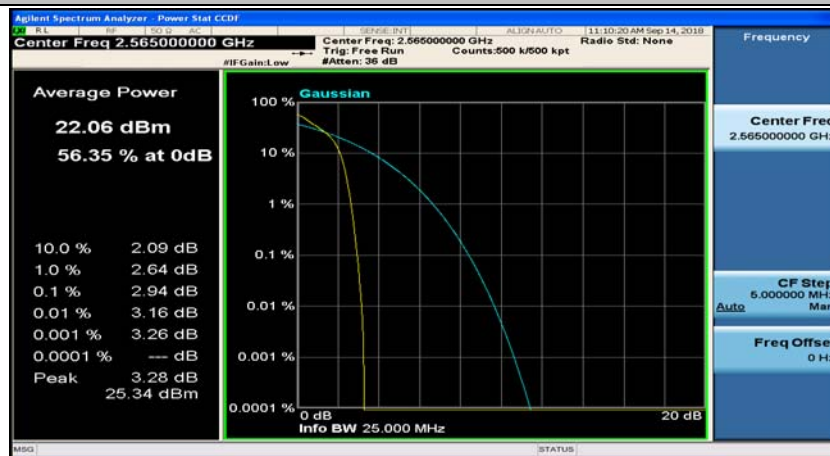
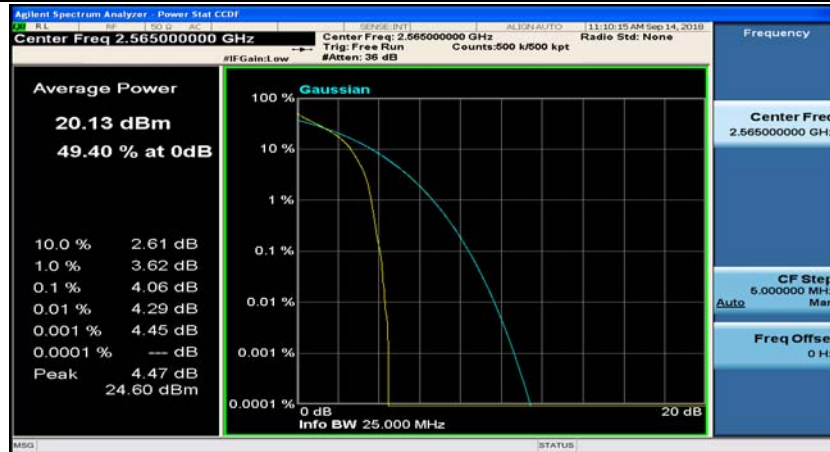
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

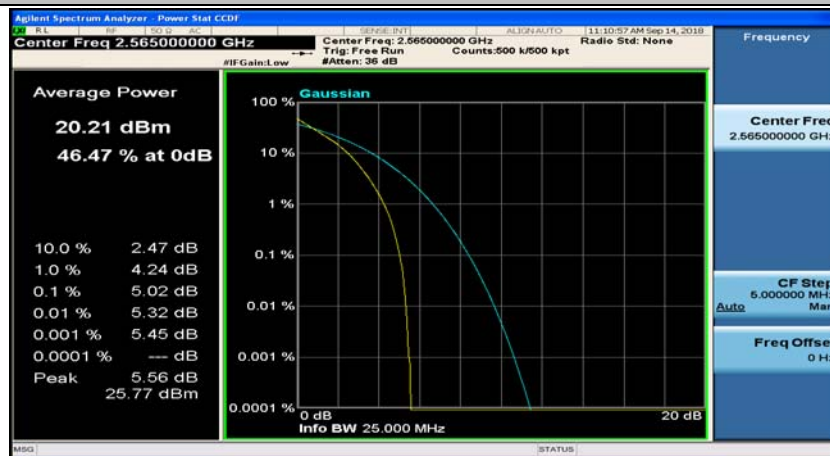
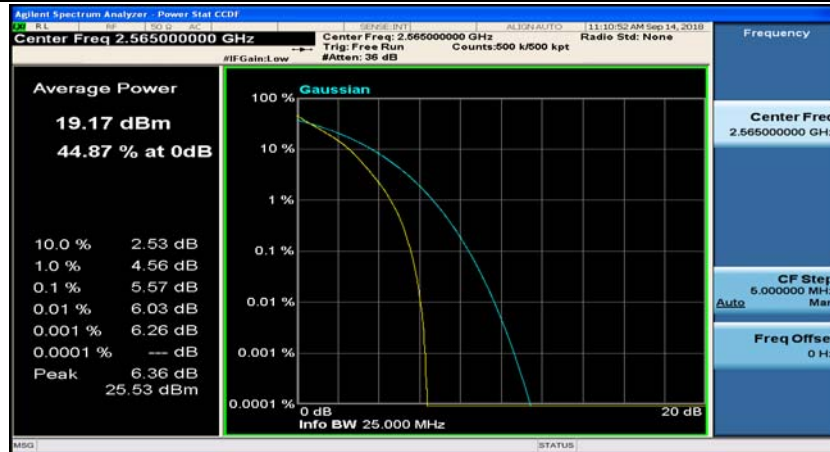


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

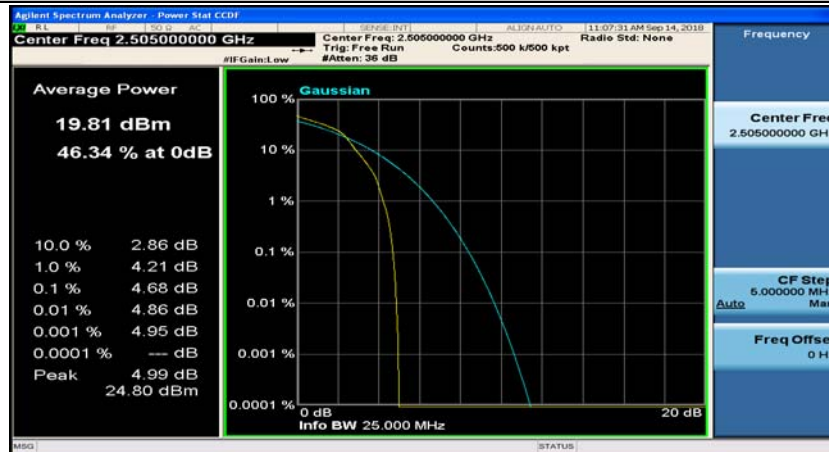


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

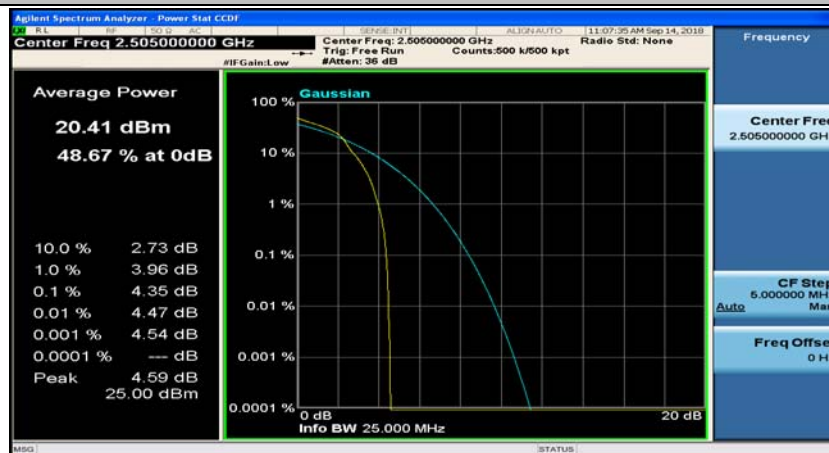




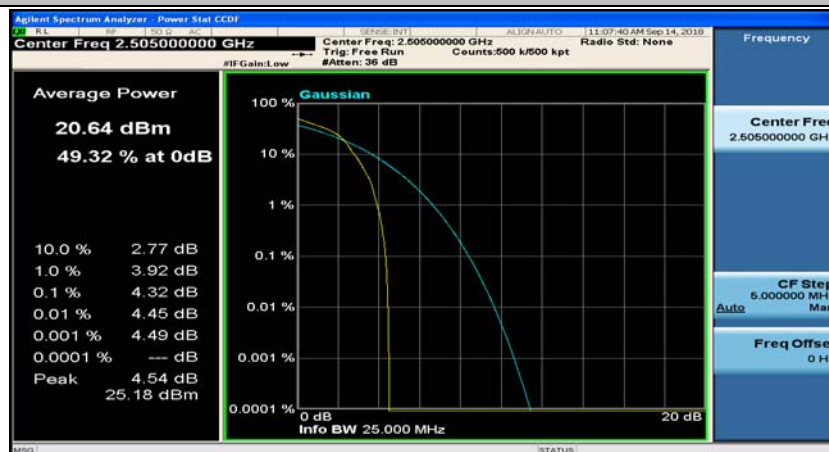
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



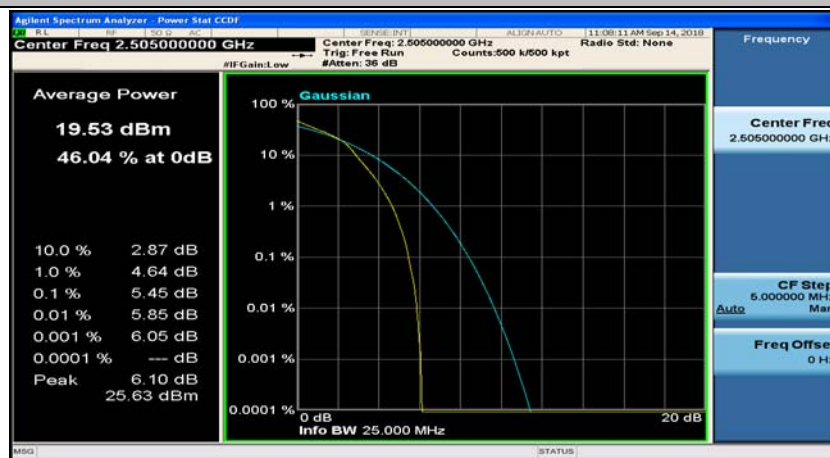
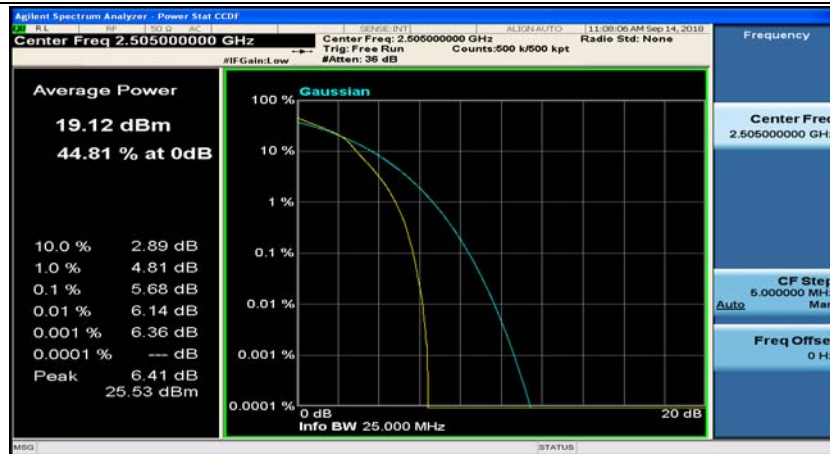
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0





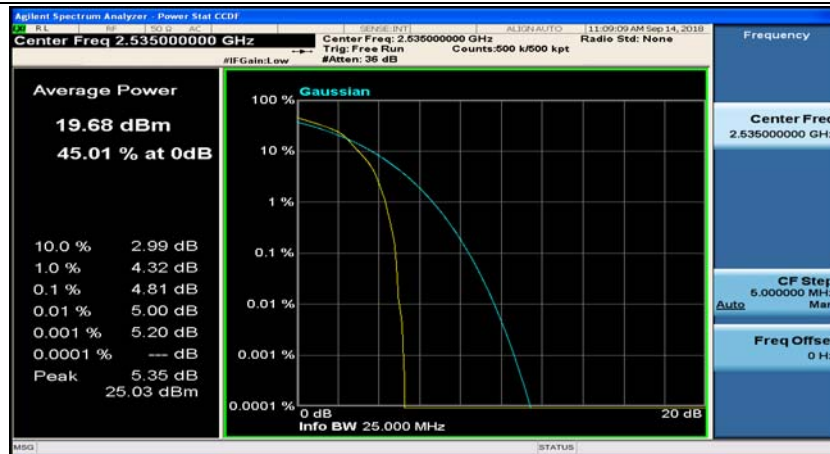
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



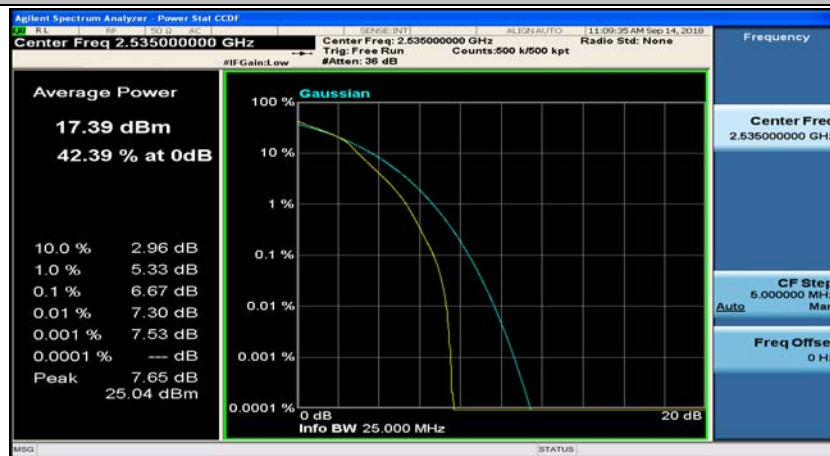
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



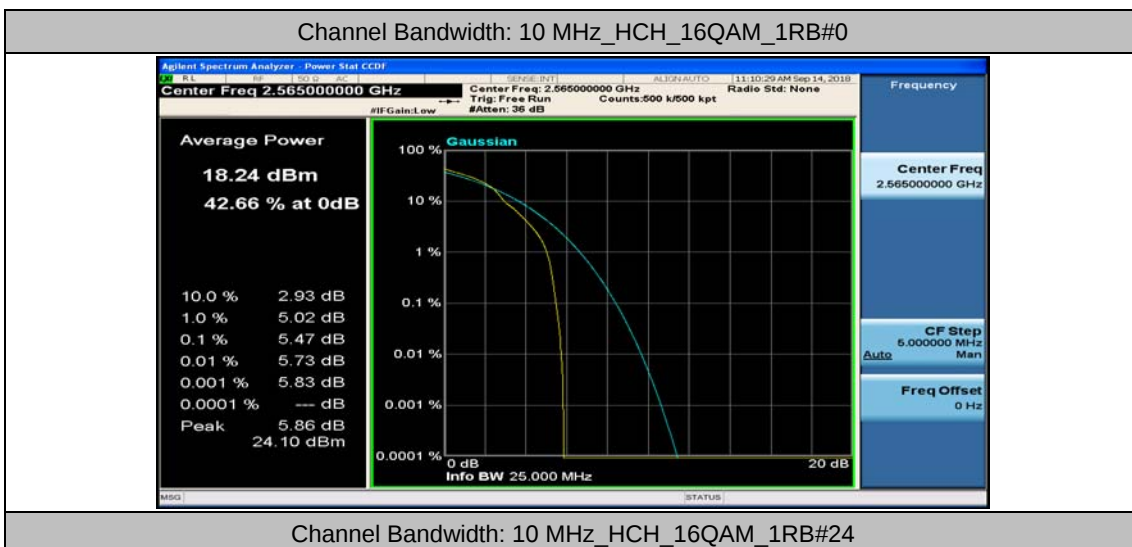
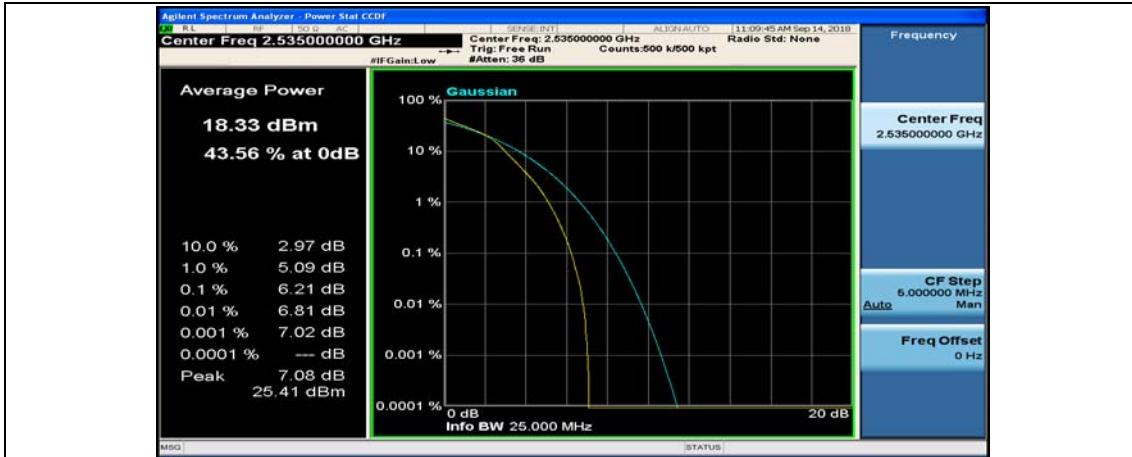
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0

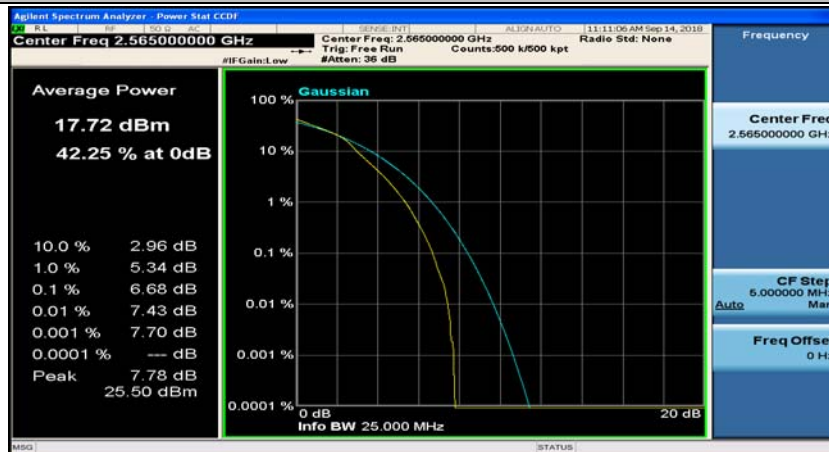
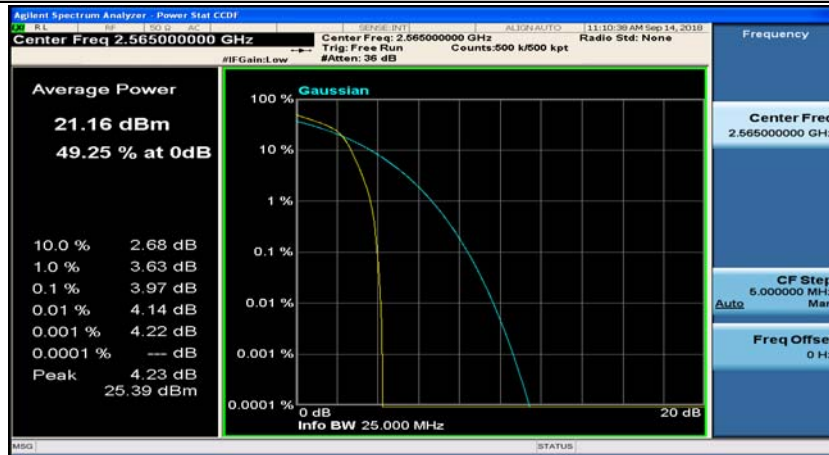
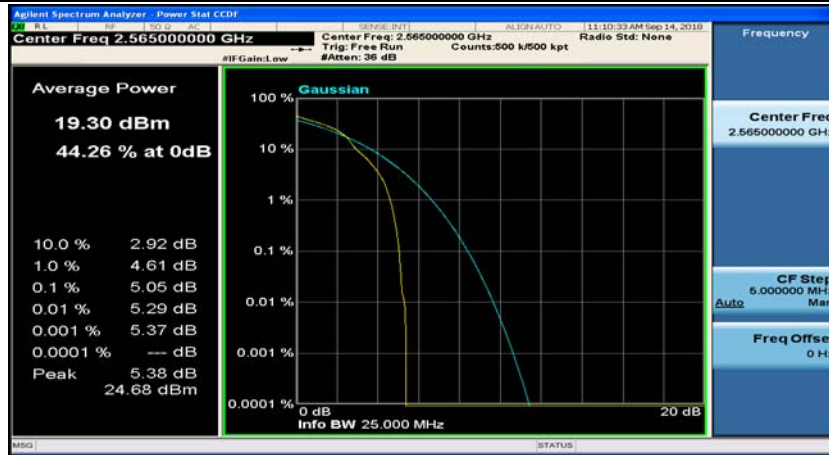


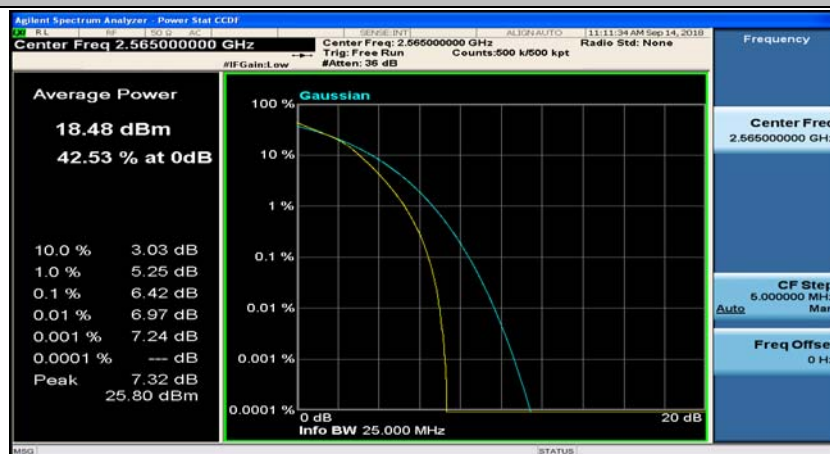
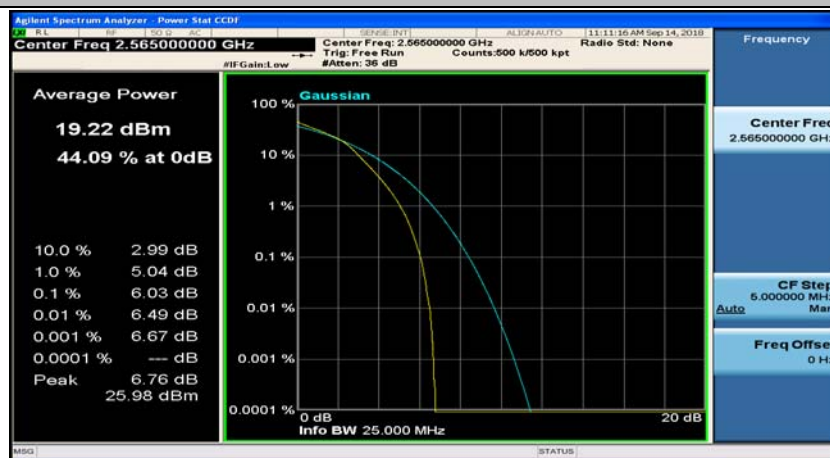
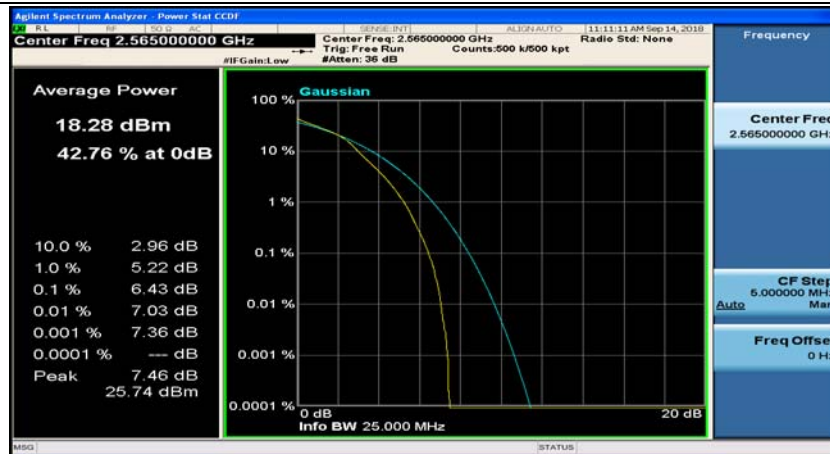
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25

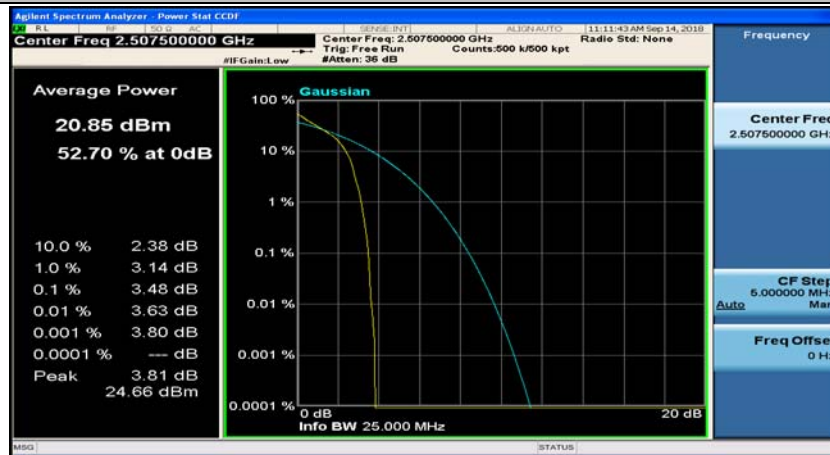




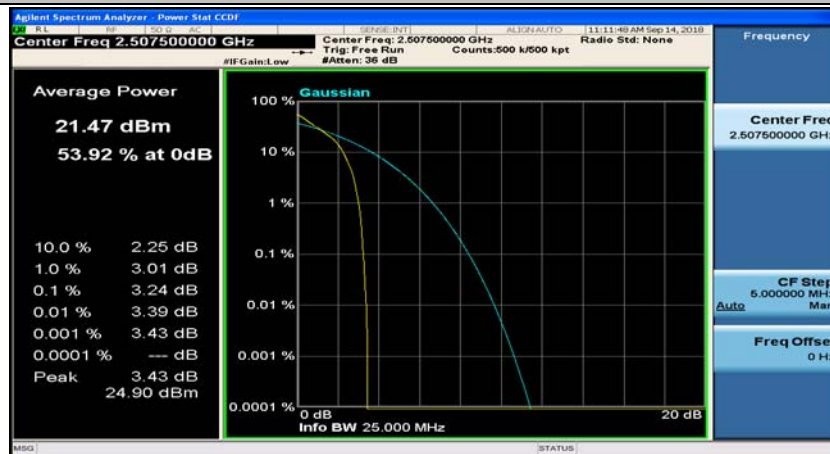


Channel Bandwidth: 15 MHz

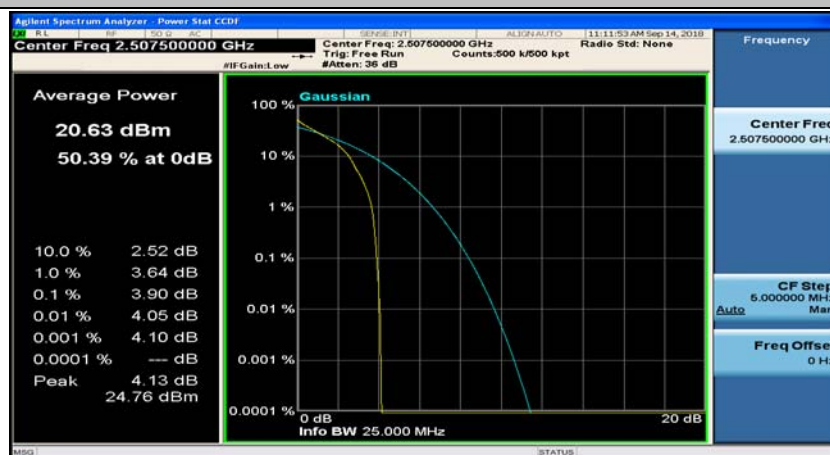
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0



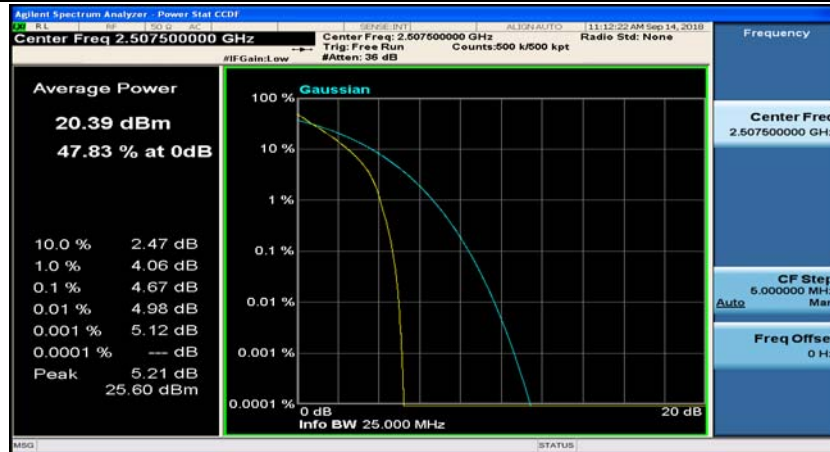
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#37



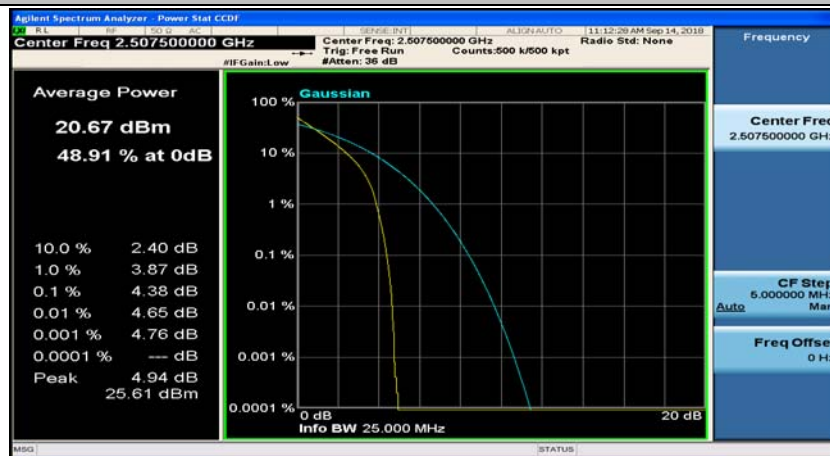
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#74



(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



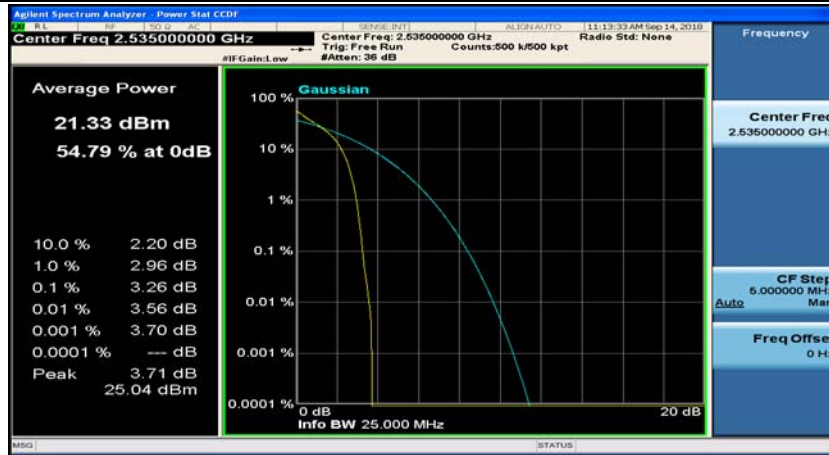
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



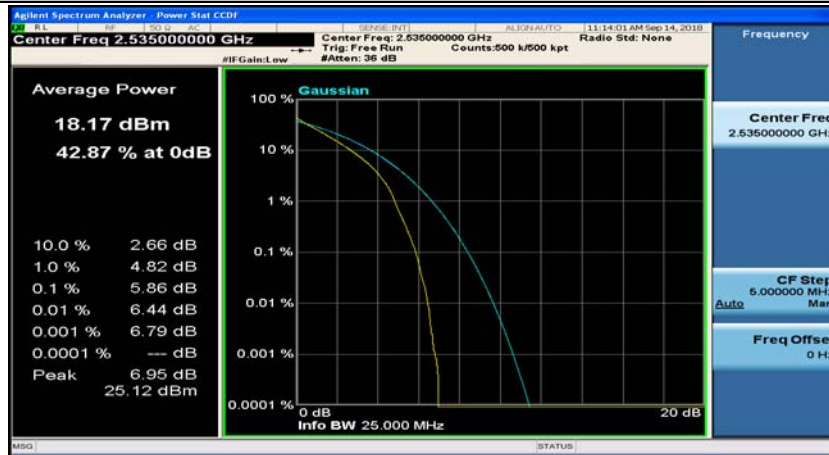
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37



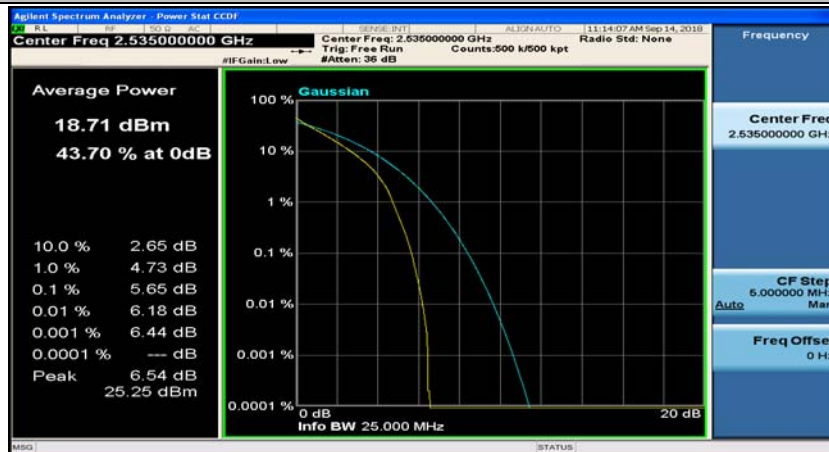
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74



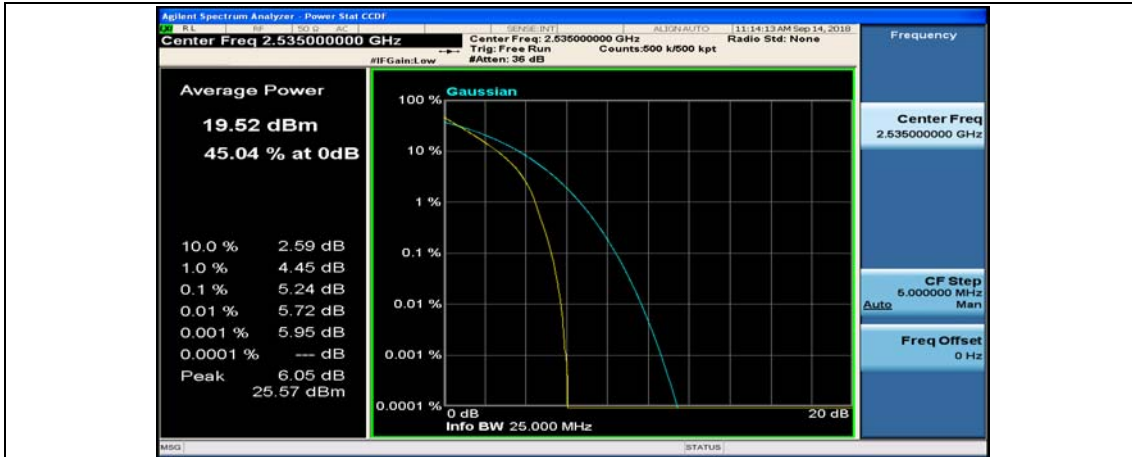
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38



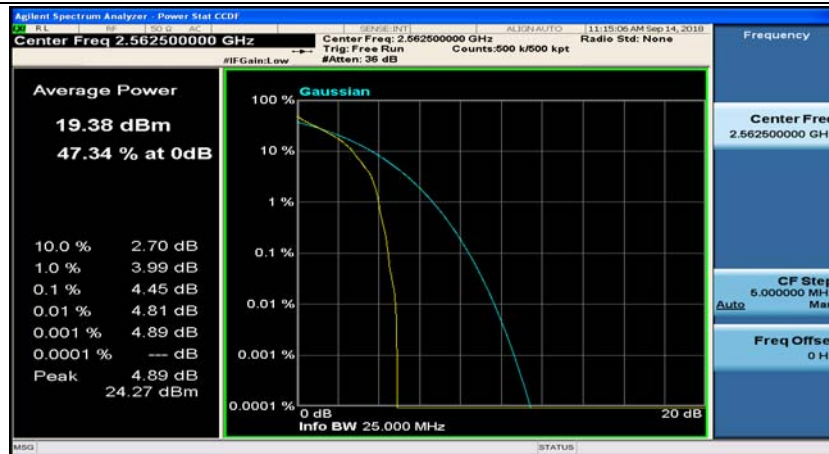
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



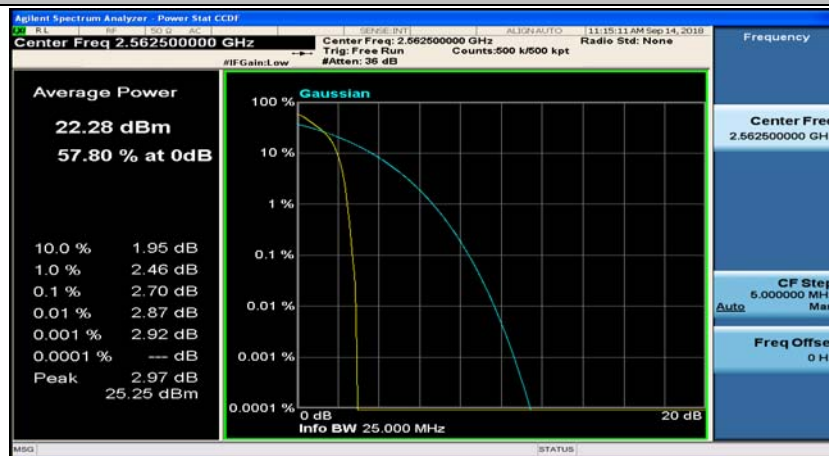
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37



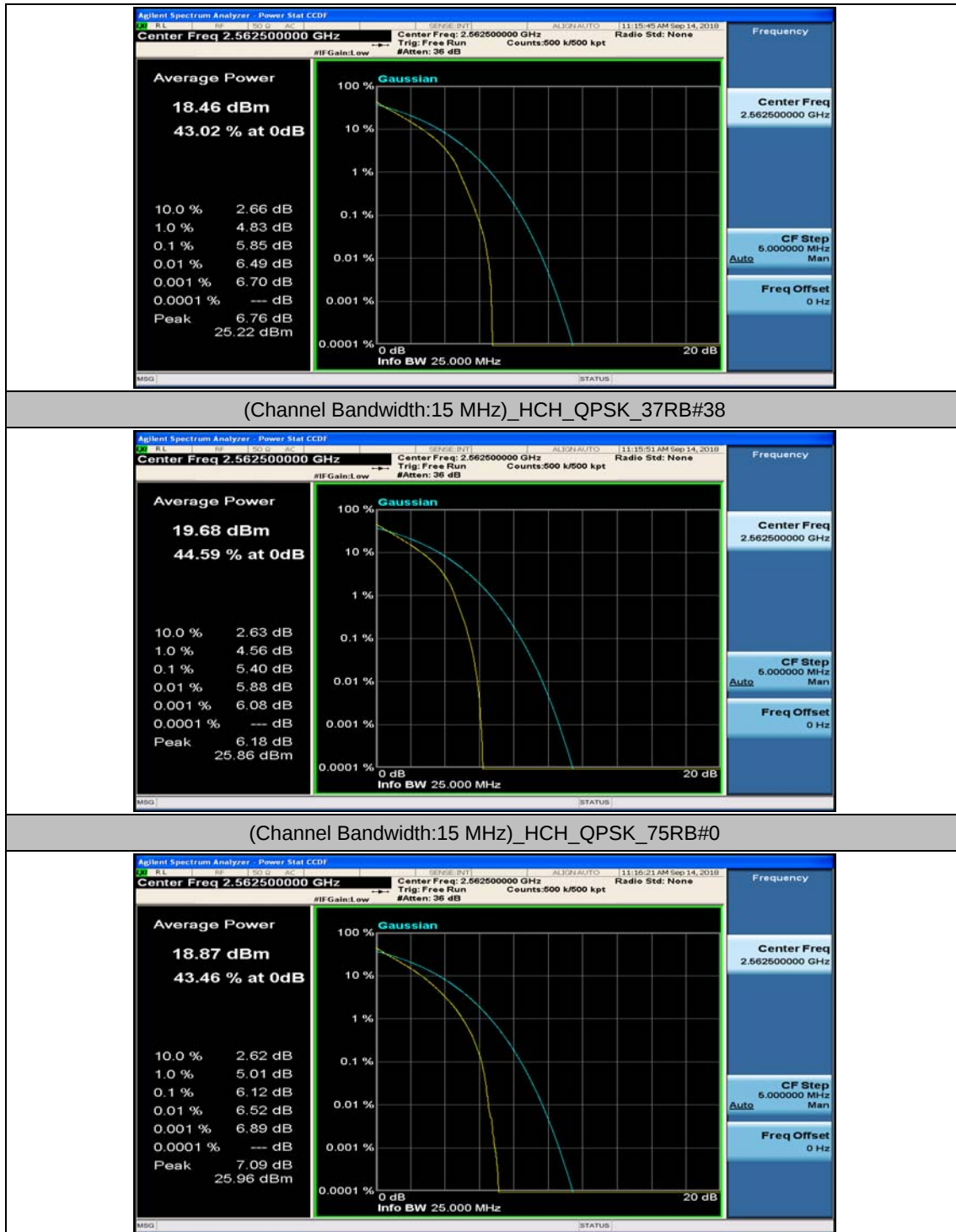
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



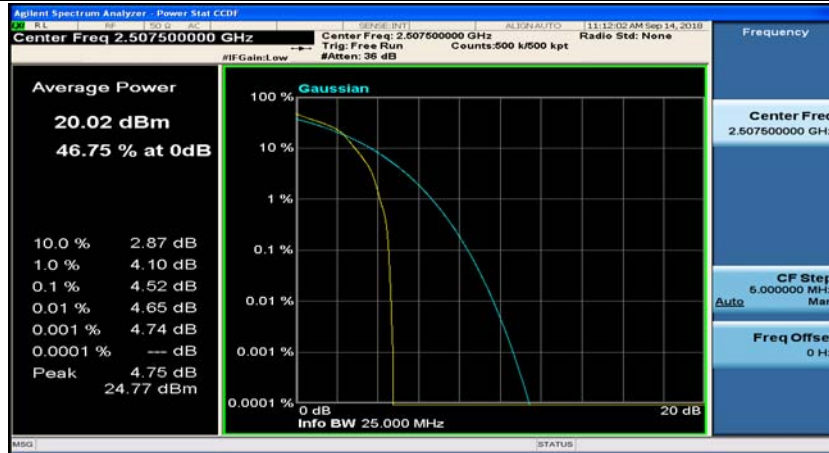
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



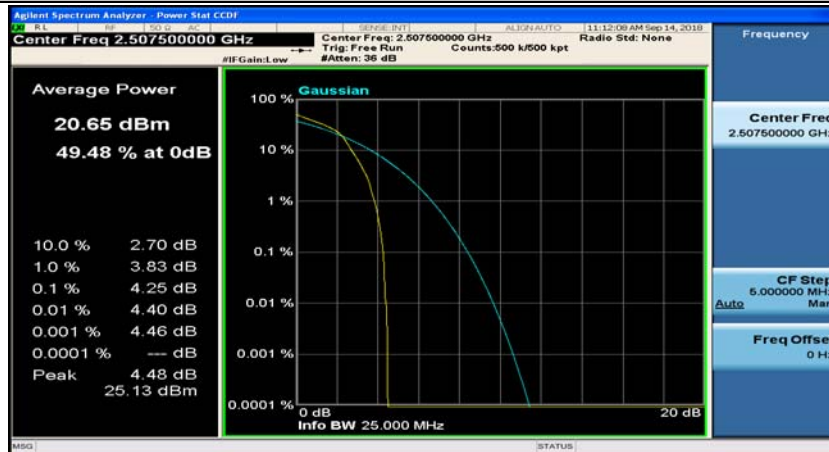
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



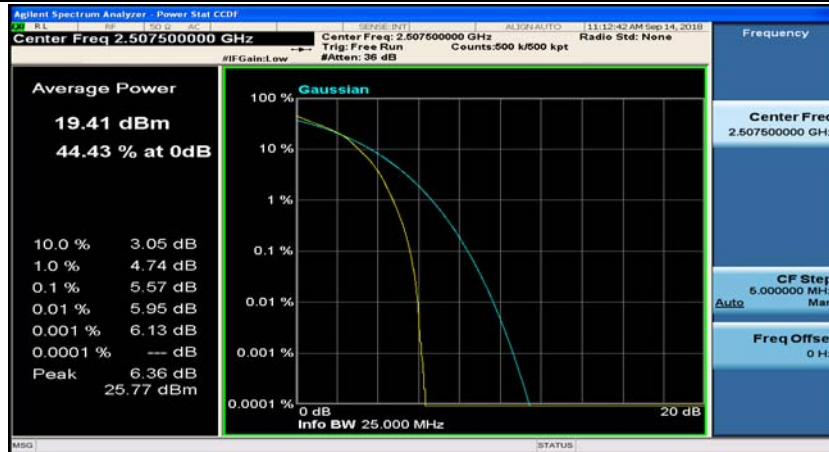
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18



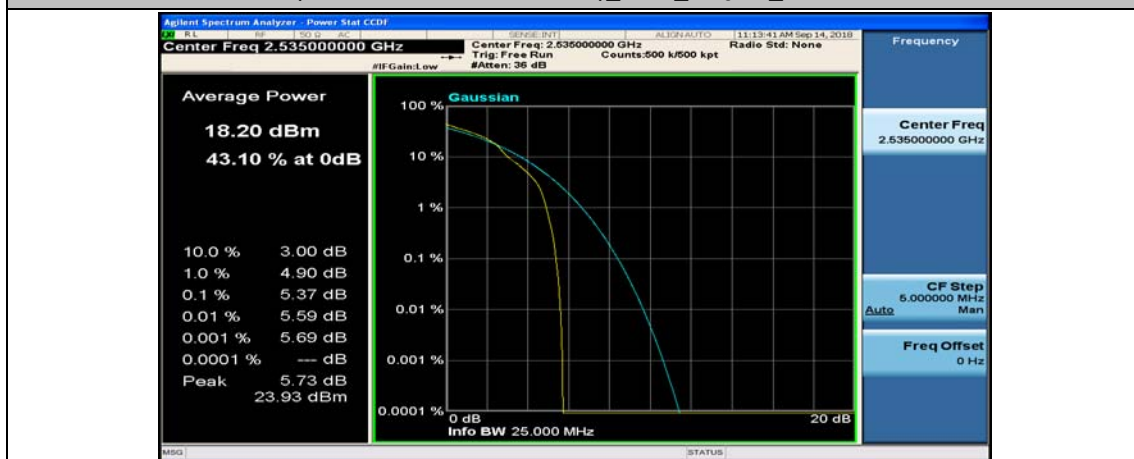
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38



(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



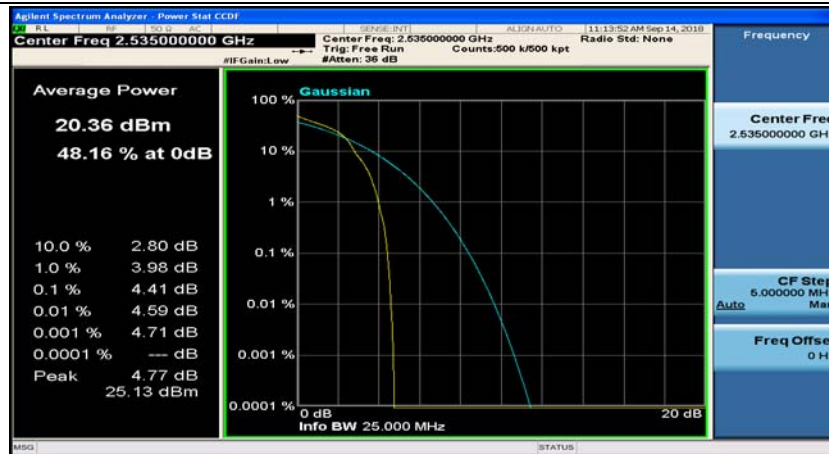
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0



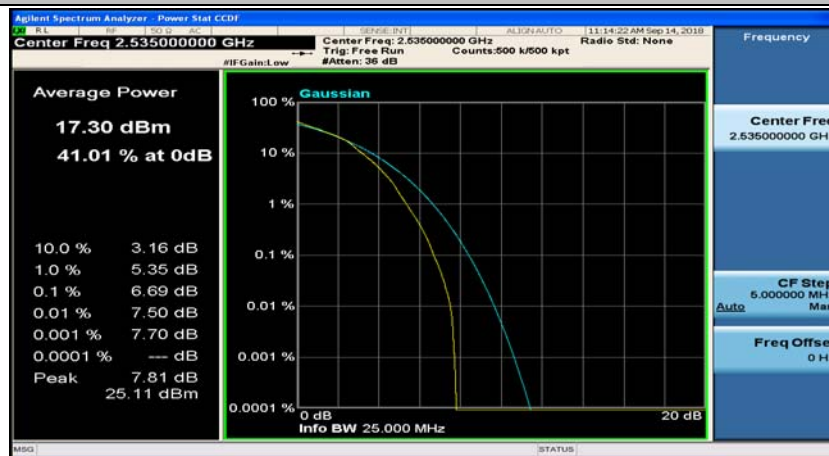
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37



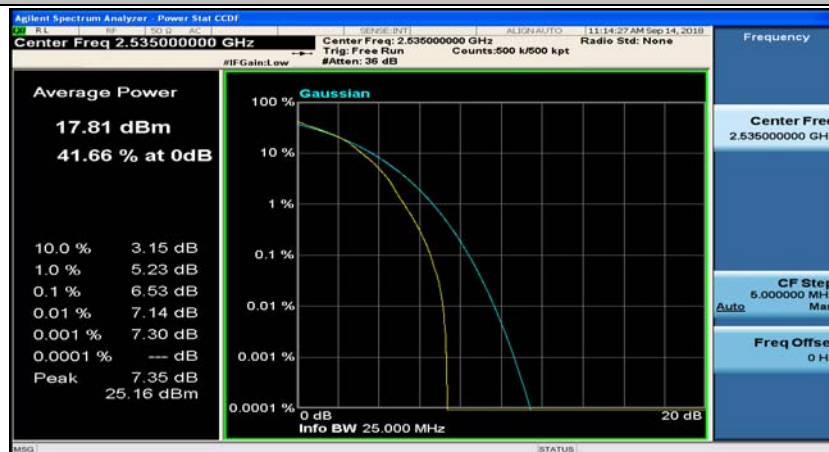
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74



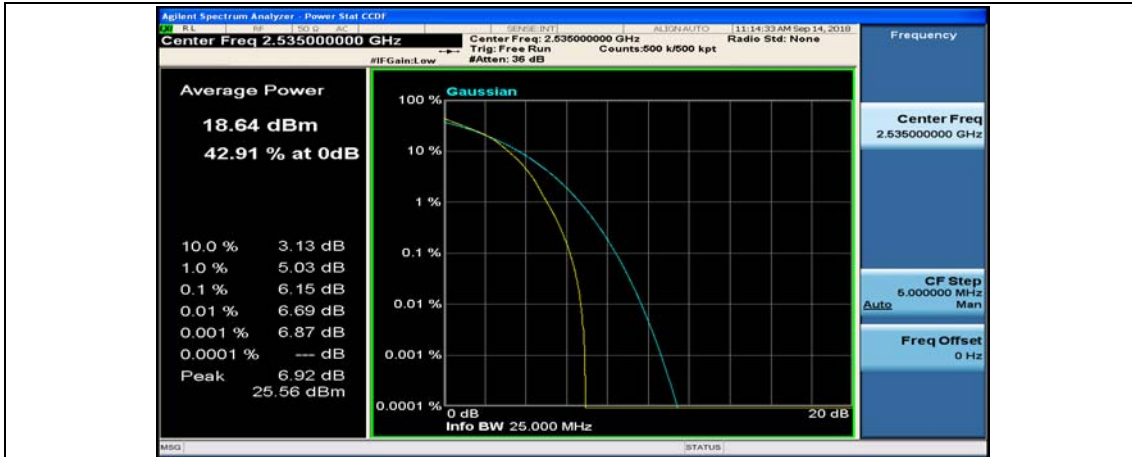
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0



(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