

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	22.53	PASS
		1	12	22.54	PASS
		1	24	22.65	PASS
		12	0	21.04	PASS
		12	6	21.01	PASS
		12	13	21.03	PASS
		25	0	21.05	PASS
	MCH	1	0	21.97	PASS
		1	12	21.83	PASS
		1	24	21.79	PASS
		12	0	20.67	PASS
		12	6	20.56	PASS
		12	13	20.78	PASS
		25	0	20.61	PASS
	HCH	1	0	22.06	PASS
		1	12	22.06	PASS
		1	24	22.05	PASS
		12	0	21.33	PASS
		12	6	21.34	PASS
		12	13	21.32	PASS
		25	0	21.32	PASS
16QAM	LCH	1	0	21.86	PASS
		1	12	21.92	PASS
		1	24	21.05	PASS
		12	0	20.47	PASS
		12	6	20.59	PASS
		12	13	20.58	PASS
		25	0	20.75	PASS
	MCH	1	0	21.37	PASS
		1	12	21.27	PASS
		1	24	21.21	PASS

		12	0	20.65	PASS
		12	6	20.75	PASS
		12	13	20.49	PASS
		25	0	20.5	PASS
	HCH	1	0	21.52	PASS
		1	12	21.59	PASS
		1	24	21.7	PASS
		12	0	20.65	PASS
		12	6	20.79	PASS
		12	13	20.75	PASS
		25	0	20.67	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.47	PASS
		1	24	22.61	PASS
		1	49	22.67	PASS
		25	0	21.11	PASS
		25	12	21.07	PASS
		25	25	21.1	PASS
		50	0	21.19	PASS
	MCH	1	0	21.56	PASS
		1	24	21.98	PASS
		1	49	21.69	PASS
		25	0	20.8	PASS
		25	12	20.57	PASS
		25	25	20.56	PASS
		50	0	20.61	PASS
	HCH	1	0	21.52	PASS
		1	24	21.68	PASS
		1	49	21.73	PASS
		25	0	21.29	PASS
		25	12	21.36	PASS
		25	25	21.29	PASS
		50	0	21.29	PASS
16QAM	LCH	1	0	21.13	PASS
		1	24	21.3	PASS
		1	49	21.35	PASS
		25	0	20.56	PASS
		25	12	20.61	PASS
		25	25	20.62	PASS

	MCH	50	0	20.64	PASS
		1	0	21.2	PASS
		1	24	21.01	PASS
		1	49	21.93	PASS
		25	0	20.62	PASS
		25	12	20.43	PASS
		25	25	20.74	PASS
		50	0	20.39	PASS
	HCH	1	0	21.93	PASS
		1	24	21.02	PASS
		1	49	21.05	PASS
		25	0	20.96	PASS
		25	12	20.78	PASS
		25	25	20.69	PASS
		50	0	20.78	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.98	PASS
		1	37	21.79	PASS
		1	74	21.88	PASS
		37	0	21.44	PASS
		37	18	21.44	PASS
		37	38	21.47	PASS
		75	0	21.48	PASS
	MCH	1	0	21.68	PASS
		1	37	21.86	PASS
		1	74	21.84	PASS
		37	0	20.66	PASS
		37	18	21.74	PASS
		37	38	21.34	PASS
		75	0	21.45	PASS
	HCH	1	0	21.98	PASS
		1	37	21.55	PASS
		1	74	21.81	PASS
		37	0	21.05	PASS
		37	18	21.14	PASS
		37	38	21.15	PASS
		75	0	21.13	PASS
16QAM	LCH	1	0	21.99	PASS
		1	37	21.03	PASS

		1	74	21.04	PASS
		37	0	20.66	PASS
		37	18	20.75	PASS
		37	38	20.82	PASS
		75	0	20.72	PASS
	MCH	1	0	21.9	PASS
		1	37	21.31	PASS
		1	74	21.18	PASS
		37	0	20.55	PASS
		37	18	20.98	PASS
		37	38	20.86	PASS
		75	0	20.87	PASS
	HCH	1	0	21.47	PASS
		1	37	21.84	PASS
		1	74	21.01	PASS
		37	0	20.69	PASS
		37	18	20.66	PASS
		37	38	20.85	PASS
		75	0	20.64	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.56	PASS
		1	49	22.69	PASS
		1	99	22.56	PASS
		50	0	21.77	PASS
		50	25	21.62	PASS
		50	50	21.69	PASS
		100	0	21.65	PASS
	MCH	1	0	22.31	PASS
		1	49	22.14	PASS
		1	99	21.98	PASS
		50	0	21.46	PASS
		50	25	21.1	PASS
		50	50	21.19	PASS
		100	0	21.18	PASS
	HCH	1	0	22.58	PASS
		1	49	22.05	PASS
		1	99	21.73	PASS
		50	0	21.42	PASS
		50	25	21.66	PASS

		50	50	21.75	PASS
		100	0	21.61	PASS
16QAM	LCH	1	0	21.09	PASS
		1	49	21.3	PASS
		1	99	21.17	PASS
		50	0	20.63	PASS
		50	25	20.67	PASS
		50	50	20.52	PASS
		100	0	20.67	PASS
	MCH	1	0	21.4	PASS
		1	49	20.52	PASS
		1	99	20.66	PASS
		50	0	20.65	PASS
		50	25	20.79	PASS
		50	50	20.78	PASS
		100	0	20.93	PASS
	HCH	1	0	20.79	PASS
		1	49	21.2	PASS
		1	99	21.51	PASS
		50	0	20.6	PASS
		50	25	20.73	PASS
		50	50	20.69	PASS
		100	0	20.72	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	4.08	<13	PASS
		1	12	4.42	<13	PASS
		1	24	4.71	<13	PASS
		12	0	4.78	<13	PASS
		12	6	4.9	<13	PASS
		12	13	5.1	<13	PASS
		25	0	4.96	<13	PASS
	MCH	1	0	4.18	<13	PASS
		1	12	4.54	<13	PASS
		1	24	4.7	<13	PASS
		12	0	4.66	<13	PASS
		12	6	4.87	<13	PASS
		12	13	5	<13	PASS
		25	0	4.91	<13	PASS
	HCH	1	0	4.03	<13	PASS
		1	12	4.09	<13	PASS
		1	24	3.74	<13	PASS
		12	0	4.86	<13	PASS
		12	6	4.73	<13	PASS
		12	13	4.7	<13	PASS
		25	0	4.76	<13	PASS
16QAM	LCH	1	0	4.79	<13	PASS
		1	12	4.95	<13	PASS
		1	24	5.34	<13	PASS
		12	0	5.93	<13	PASS
		12	6	6.07	<13	PASS
		12	13	6.2	<13	PASS
		25	0	5.88	<13	PASS
	MCH	1	0	4.08	<13	PASS
		1	12	4.46	<13	PASS
		1	24	4.56	<13	PASS
		12	0	5.77	<13	PASS

		12	6	6.07	<13	PASS
		12	13	6.06	<13	PASS
		25	0	5.94	<13	PASS
	HCH	1	0	4.53	<13	PASS
		1	12	4.55	<13	PASS
		1	24	4.79	<13	PASS
		12	0	6.07	<13	PASS
		12	6	5.95	<13	PASS
		12	13	5.99	<13	PASS
		25	0	5.84	<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	4.03	<13	PASS
		1	24	4.48	<13	PASS
		1	49	4.73	<13	PASS
		25	0	4.98	<13	PASS
		25	12	5.06	<13	PASS
		25	25	5.2	<13	PASS
		50	0	5.13	<13	PASS
	MCH	1	0	3.68	<13	PASS
		1	24	4.09	<13	PASS
		1	49	4.47	<13	PASS
		25	0	4.59	<13	PASS
		25	12	4.94	<13	PASS
		25	25	5.18	<13	PASS
		50	0	4.99	<13	PASS
	HCH	1	0	3.75	<13	PASS
		1	24	4.17	<13	PASS
		1	49	4.07	<13	PASS
		25	0	4.41	<13	PASS
		25	12	4.7	<13	PASS
		25	25	4.77	<13	PASS
		50	0	4.75	<13	PASS
16QAM	LCH	1	0	3.65	<13	PASS
		1	24	4.04	<13	PASS
		1	49	4.37	<13	PASS
		25	0	6.13	<13	PASS
		25	12	6.26	<13	PASS

		25	25	6.25	<13	PASS
		50	0	6.03	<13	PASS
	MCH	1	0	3.91	<13	PASS
		1	24	4.47	<13	PASS
		1	49	4.8	<13	PASS
		25	0	5.76	<13	PASS
		25	12	6	<13	PASS
		25	25	6.12	<13	PASS
		50	0	5.94	<13	PASS
		50	0	5.94	<13	PASS
	HCH	1	0	3.66	<13	PASS
		1	24	4.05	<13	PASS
		1	49	3.91	<13	PASS
		25	0	5.58	<13	PASS
		25	12	5.83	<13	PASS
		25	25	5.98	<13	PASS
		50	0	5.73	<13	PASS
		50	0	5.73	<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	4.09	<13	PASS
		1	37	4.68	<13	PASS
		1	74	4.27	<13	PASS
		37	0	5.09	<13	PASS
		37	18	5.11	<13	PASS
		37	38	5.06	<13	PASS
		75	0	5.36	<13	PASS
		75	0	5.36	<13	PASS
	MCH	1	0	3.68	<13	PASS
		1	37	4.23	<13	PASS
		1	74	4.58	<13	PASS
		37	0	4.41	<13	PASS
		37	18	4.91	<13	PASS
		37	38	5.2	<13	PASS
		75	0	5.31	<13	PASS
		75	0	5.31	<13	PASS
	HCH	1	0	3.48	<13	PASS
		1	37	3.86	<13	PASS
		1	74	4.06	<13	PASS
		37	0	4.15	<13	PASS
		37	18	4.42	<13	PASS
		37	38	4.72	<13	PASS
		37	38	4.72	<13	PASS
		37	38	4.72	<13	PASS

		75	0	4.94	<13	PASS
16QAM	LCH	1	0	3.7	<13	PASS
		1	37	4.27	<13	PASS
		1	74	3.93	<13	PASS
		37	0	6.14	<13	PASS
		37	18	6.14	<13	PASS
		37	38	6.07	<13	PASS
		75	0	6.17	<13	PASS
	MCH	1	0	3.55	<13	PASS
		1	37	4.28	<13	PASS
		1	74	4.87	<13	PASS
		37	0	5.54	<13	PASS
		37	18	5.97	<13	PASS
		37	38	6.2	<13	PASS
		75	0	6.09	<13	PASS
	HCH	1	0	3.44	<13	PASS
		1	37	3.78	<13	PASS
		1	74	3.95	<13	PASS
		37	0	5.17	<13	PASS
		37	18	5.51	<13	PASS
		37	38	5.89	<13	PASS
		75	0	5.82	<13	PASS

Channel Bandwidth: 20 MHz

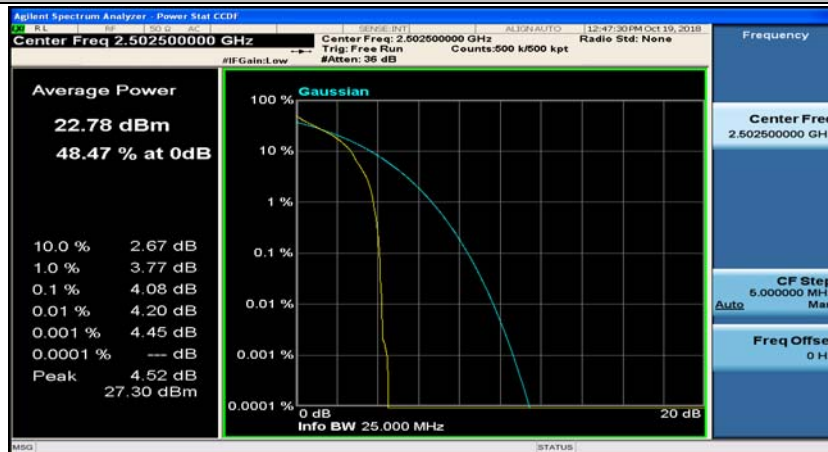
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	4.01	<13	PASS
		1	49	4.62	<13	PASS
		1	99	3.58	<13	PASS
		50	0	5.18	<13	PASS
		50	25	5.08	<13	PASS
		50	50	4.75	<13	PASS
		100	0	5.12	<13	PASS
	MCH	1	0	3.43	<13	PASS
		1	49	4.27	<13	PASS
		1	99	4.6	<13	PASS
		50	0	4.5	<13	PASS
		50	25	5.03	<13	PASS
		50	50	5.29	<13	PASS
		100	0	5.28	<13	PASS

	HCH	1	0	3.74	<13	PASS
		1	49	3.55	<13	PASS
		1	99	4.14	<13	PASS
		50	0	4.21	<13	PASS
		50	25	4.26	<13	PASS
		50	50	4.86	<13	PASS
		100	0	4.93	<13	PASS
16QAM	LCH	1	0	4.38	<13	PASS
		1	49	5.06	<13	PASS
		1	99	4.09	<13	PASS
		50	0	6.16	<13	PASS
		50	25	6.09	<13	PASS
		50	50	5.78	<13	PASS
		100	0	6.05	<13	PASS
	MCH	1	0	4.19	<13	PASS
		1	49	5	<13	PASS
		1	99	5.24	<13	PASS
		50	0	5.6	<13	PASS
		50	25	6.09	<13	PASS
		50	50	6.3	<13	PASS
		100	0	6.16	<13	PASS
	HCH	1	0	3.78	<13	PASS
		1	49	3.57	<13	PASS
		1	99	4.22	<13	PASS
		50	0	5.22	<13	PASS
		50	25	5.36	<13	PASS
		50	50	5.89	<13	PASS
		100	0	5.79	<13	PASS

Test Graphs

Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



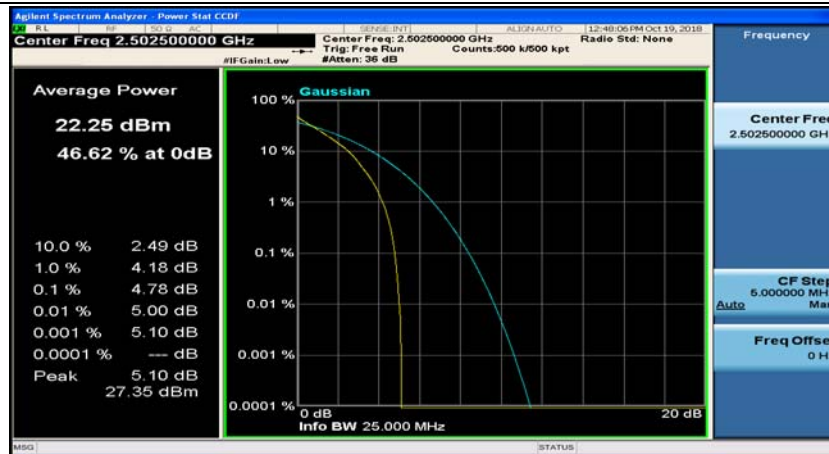
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



(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



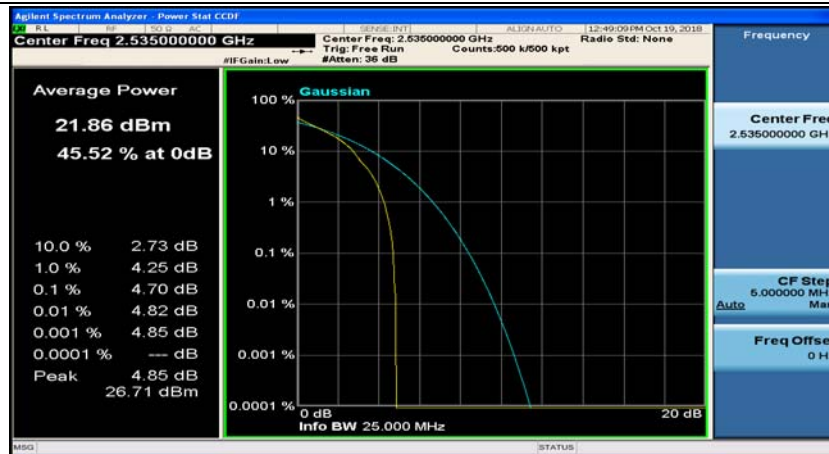
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(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



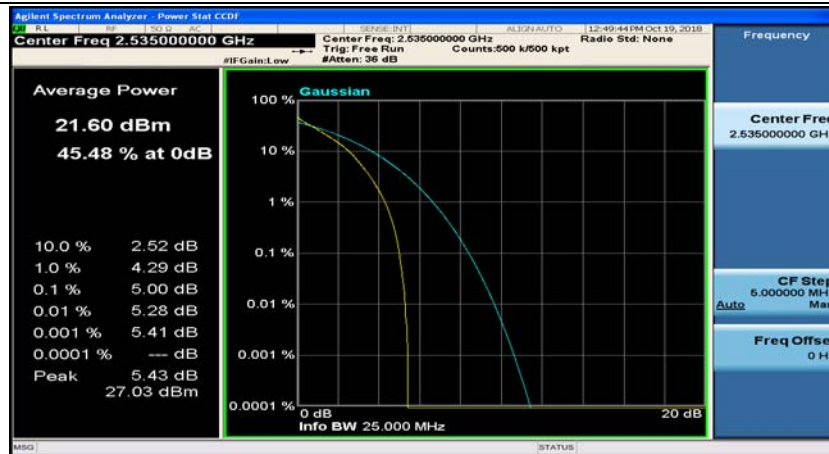
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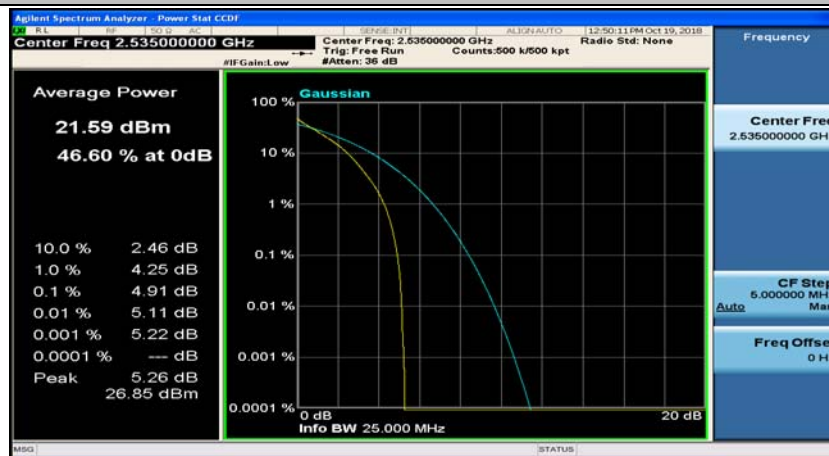
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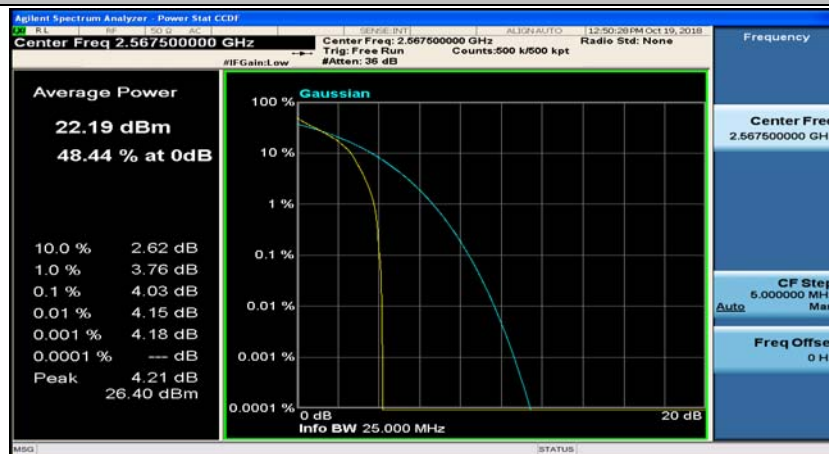
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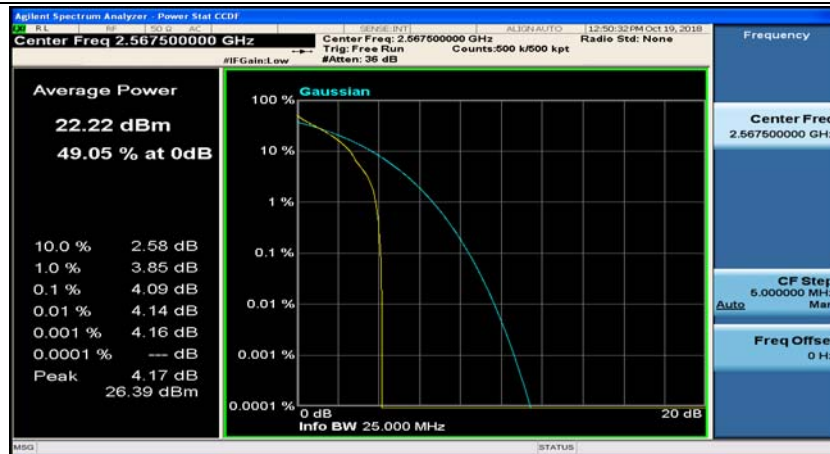
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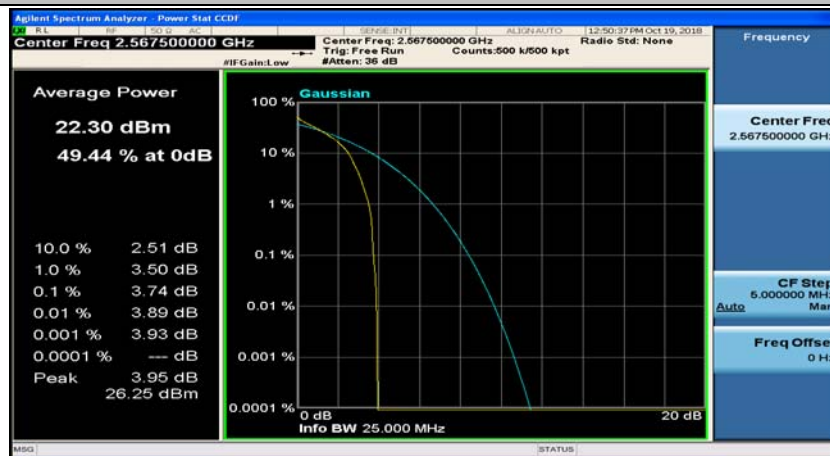
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



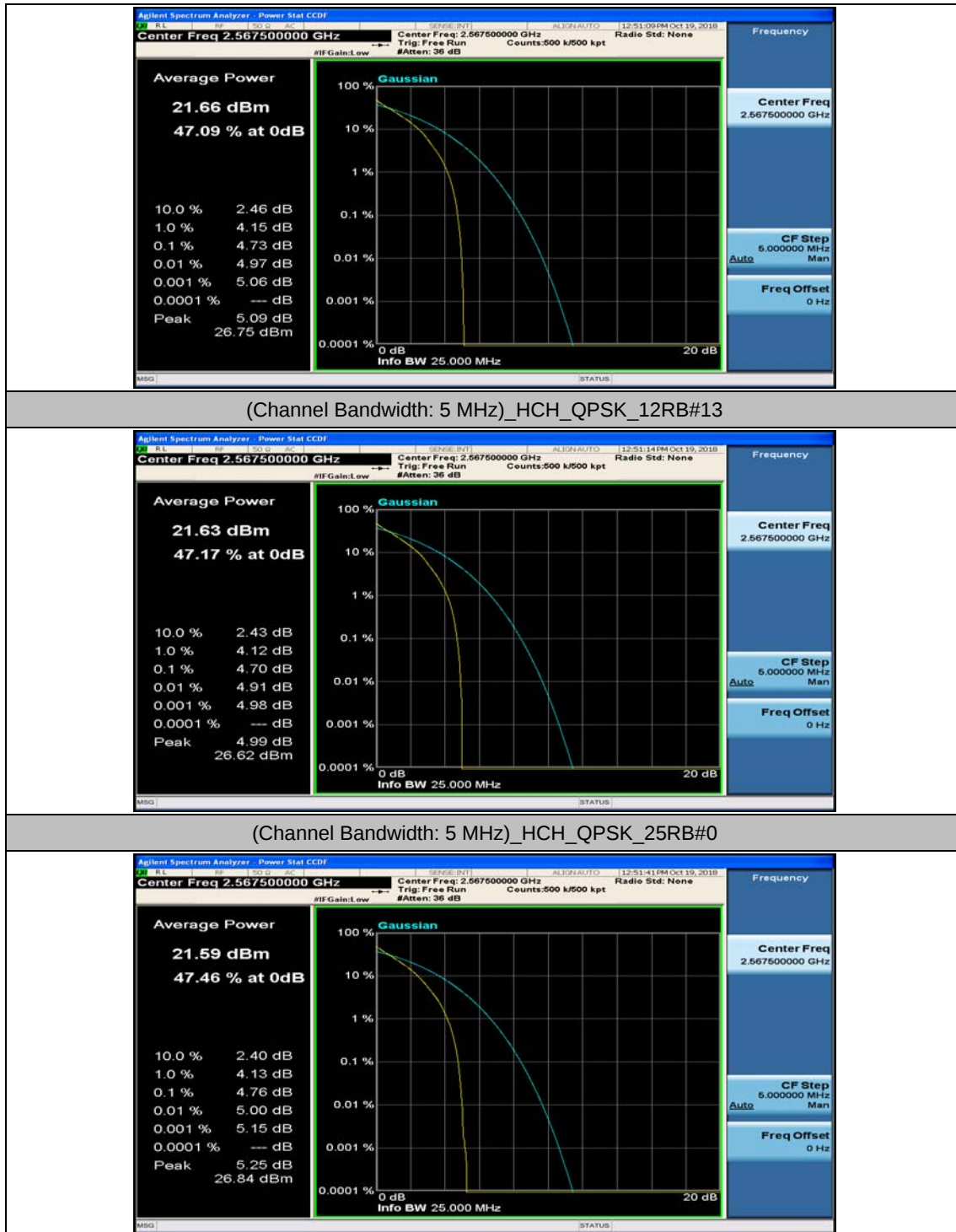
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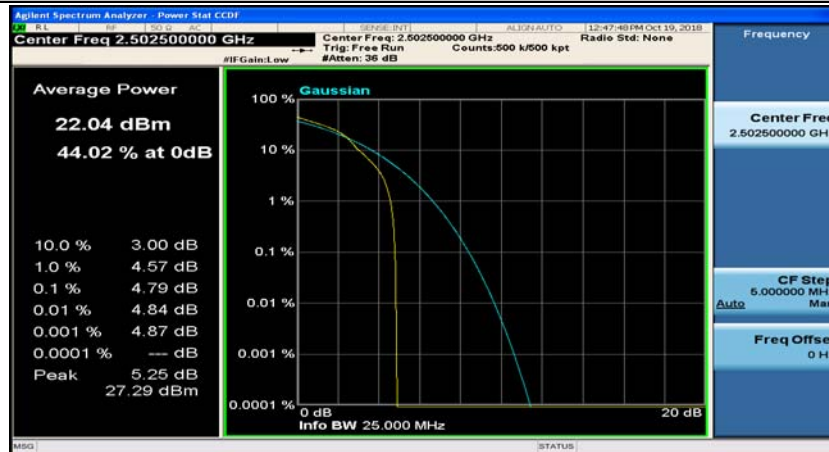
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



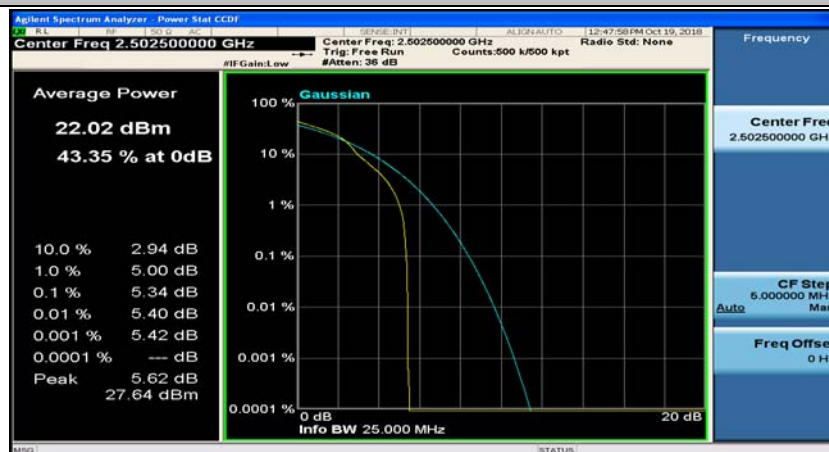
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



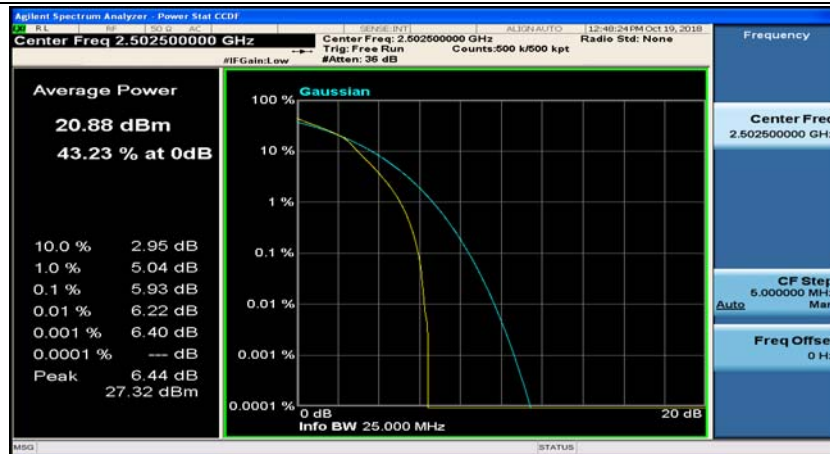
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



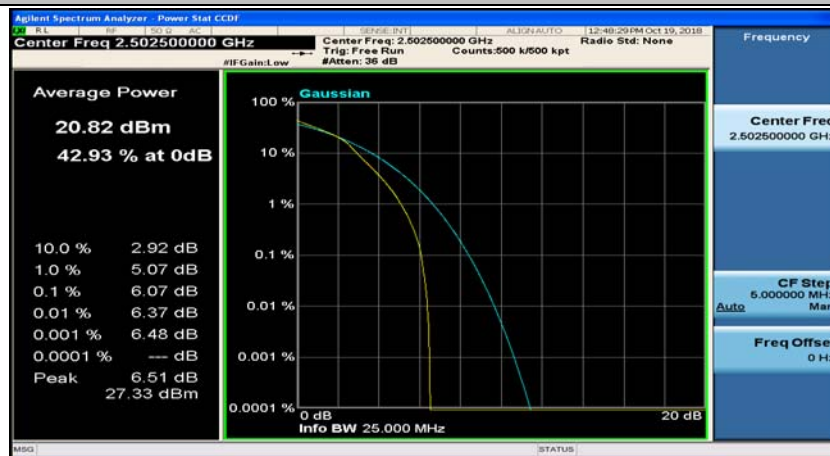
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



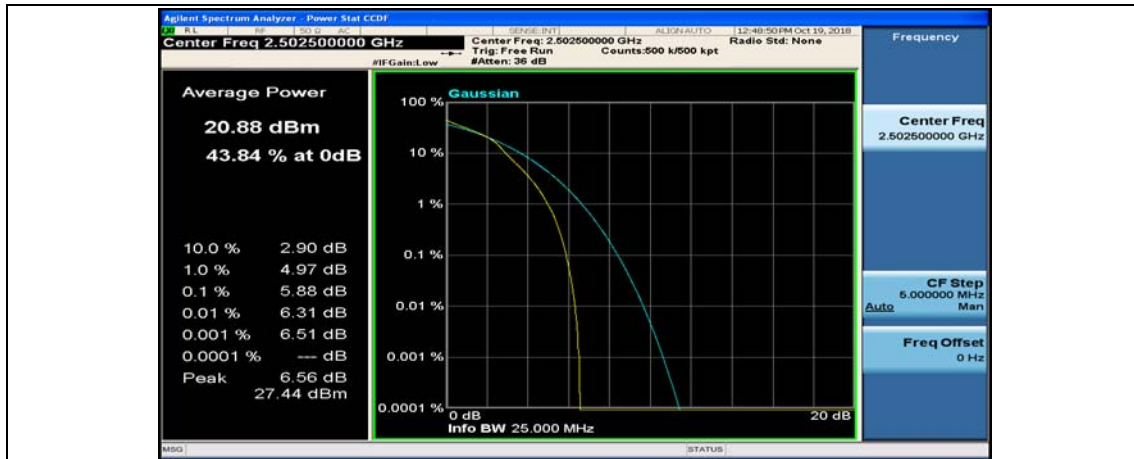
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



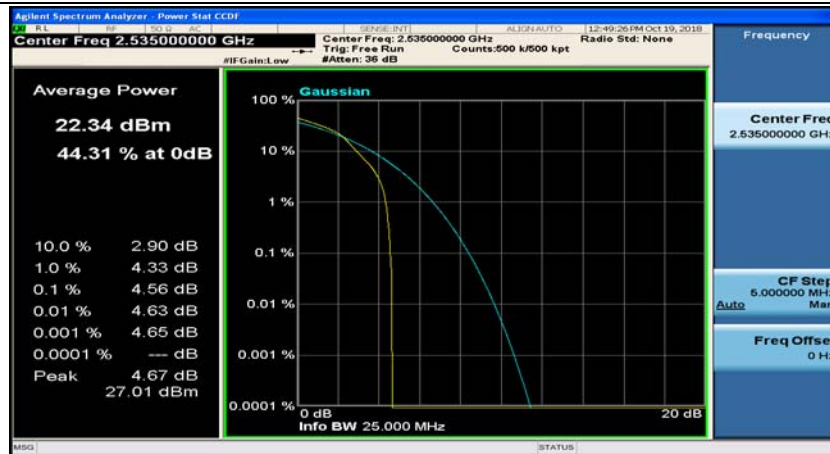
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



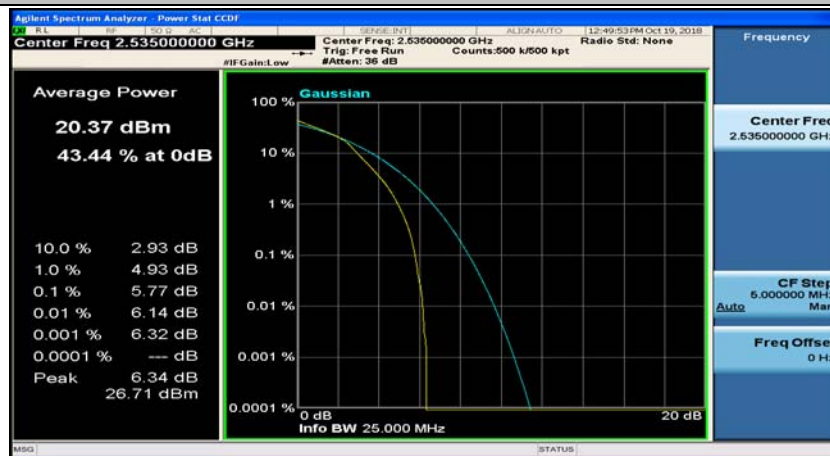
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



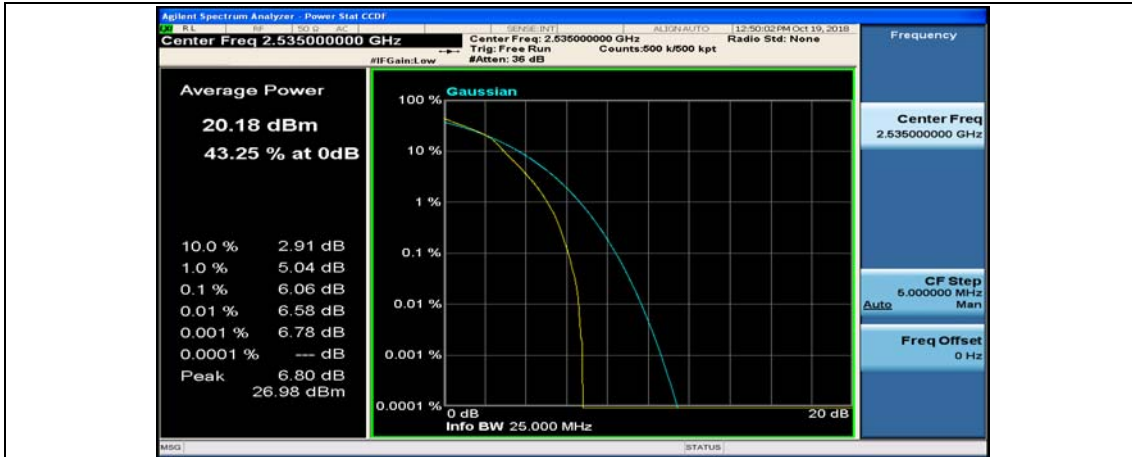
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



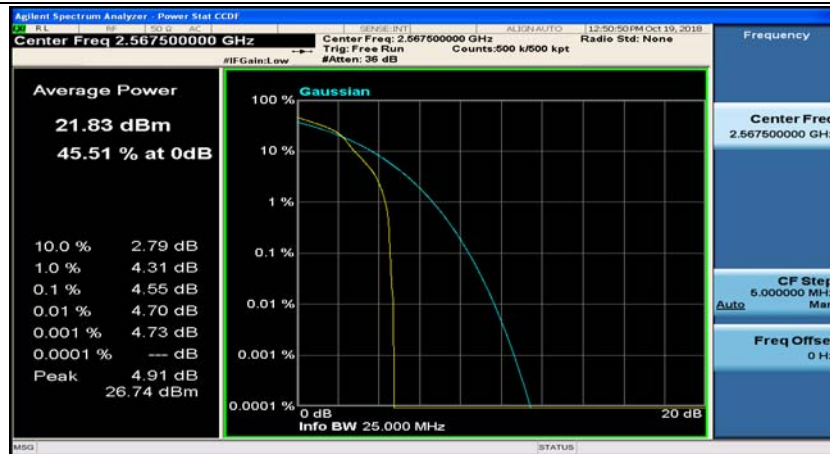
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



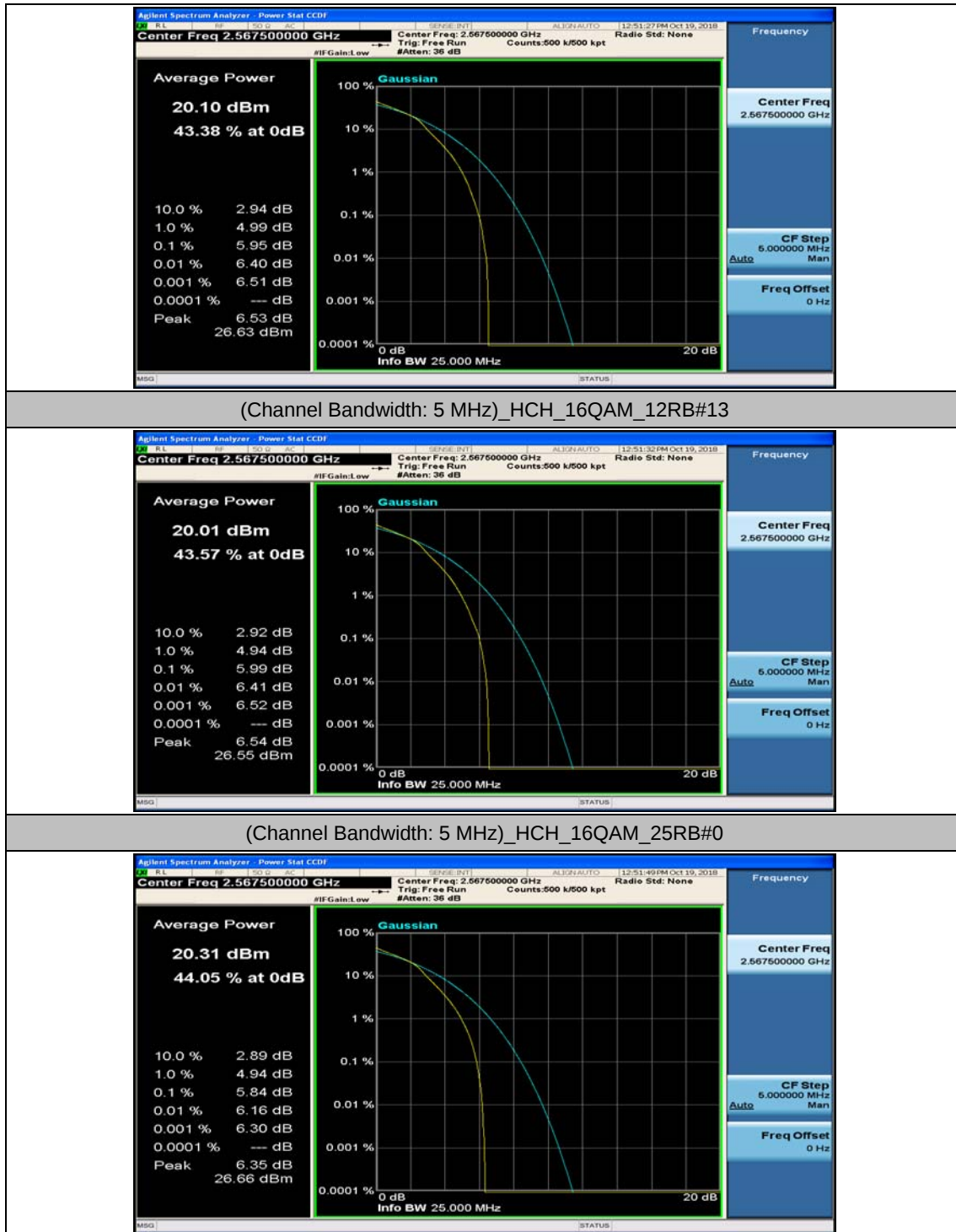
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



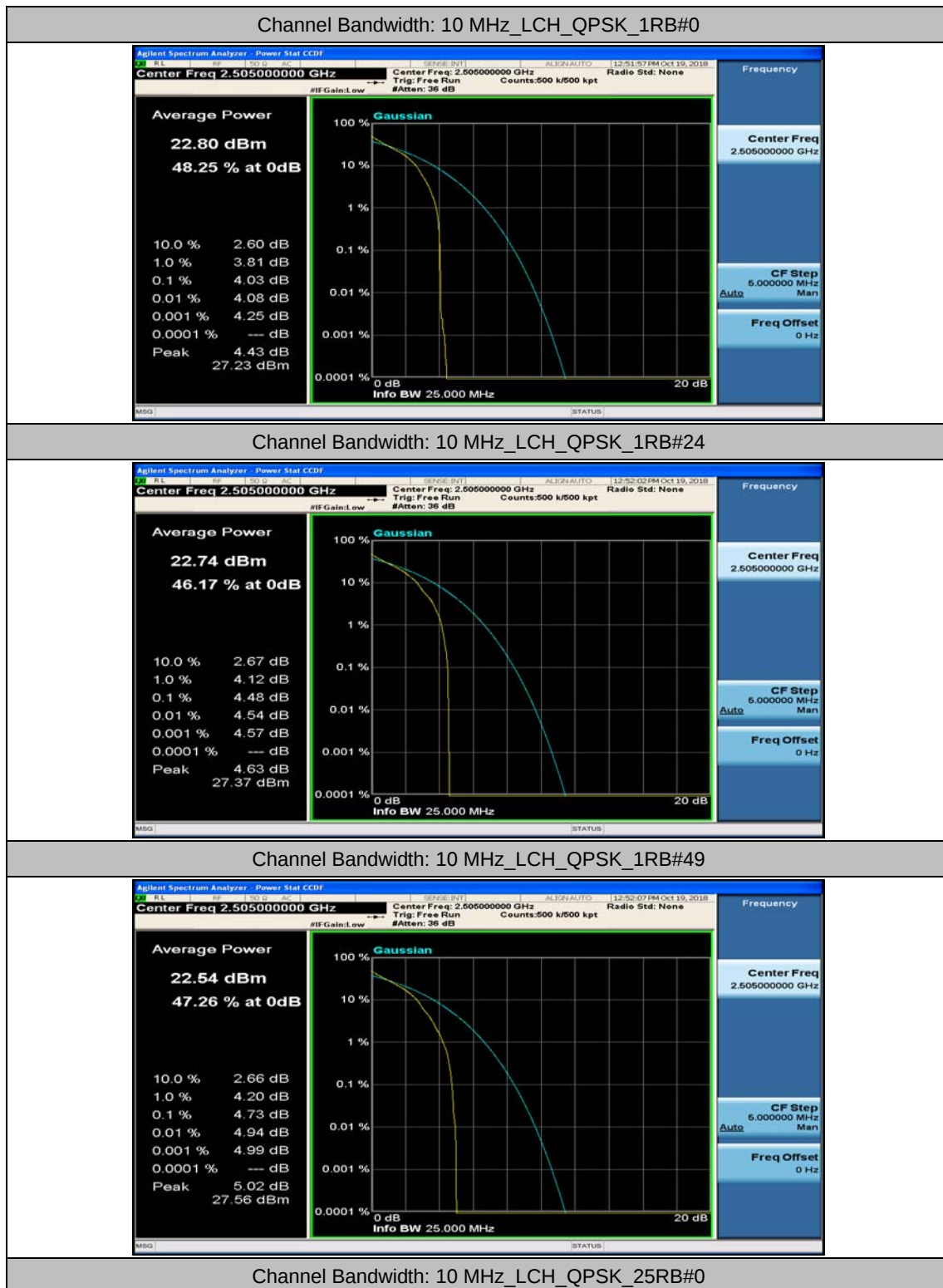
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0

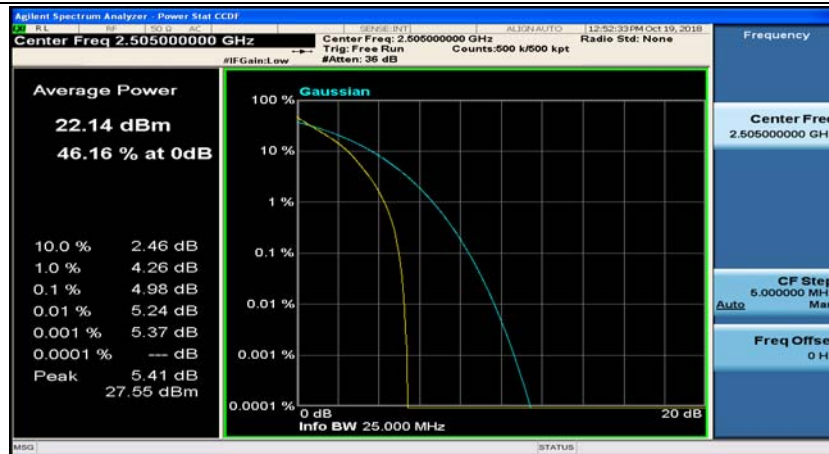


(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6

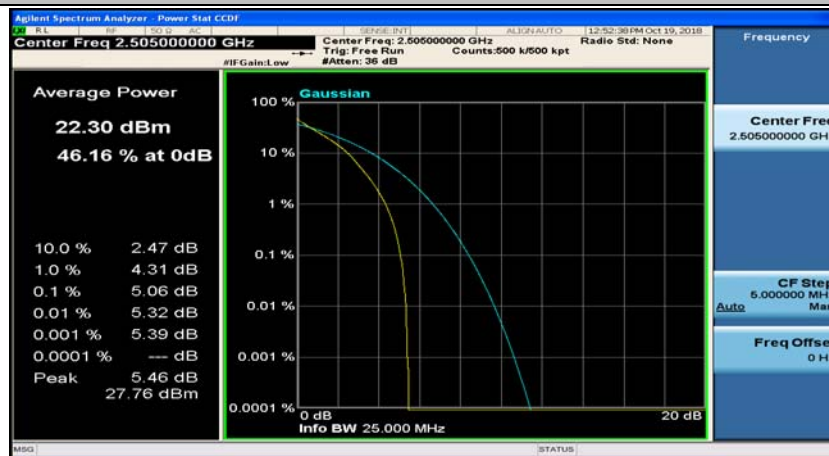


Channel Bandwidth: 10 MHz

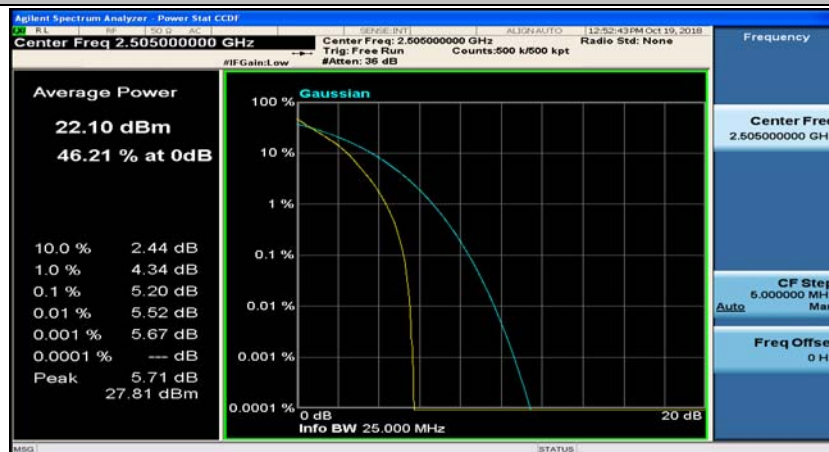




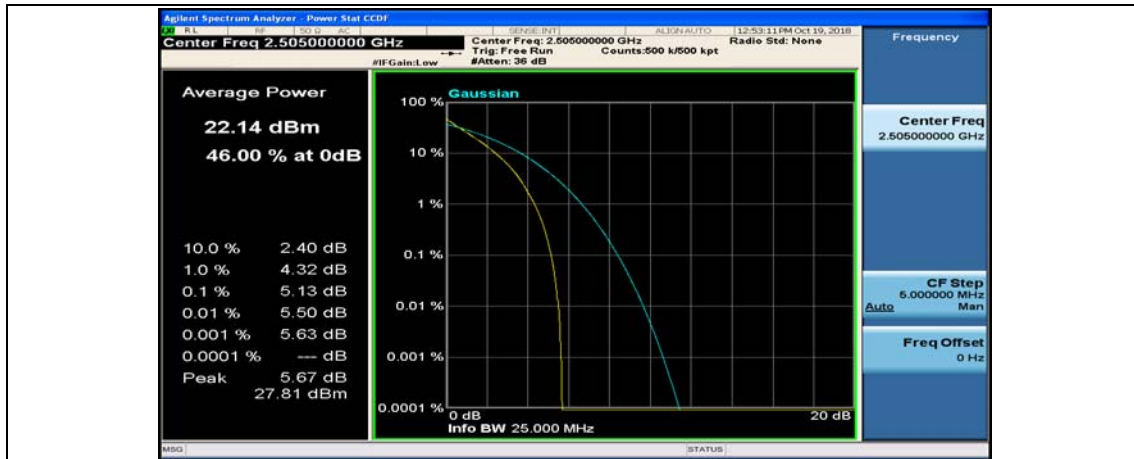
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25



Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



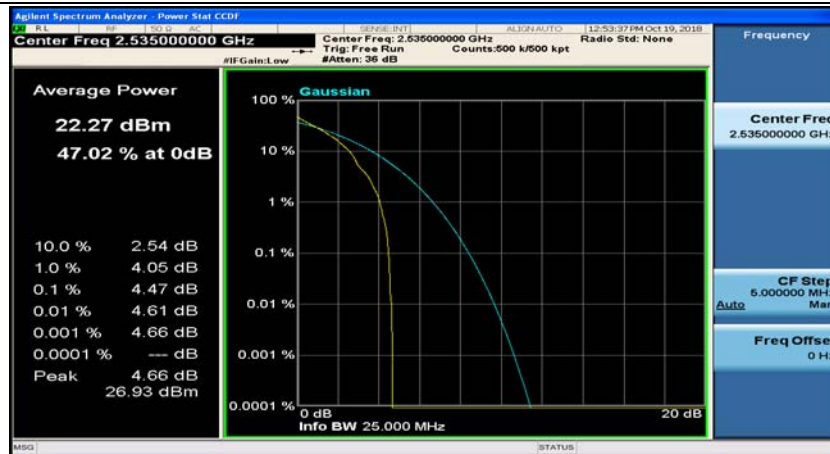
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



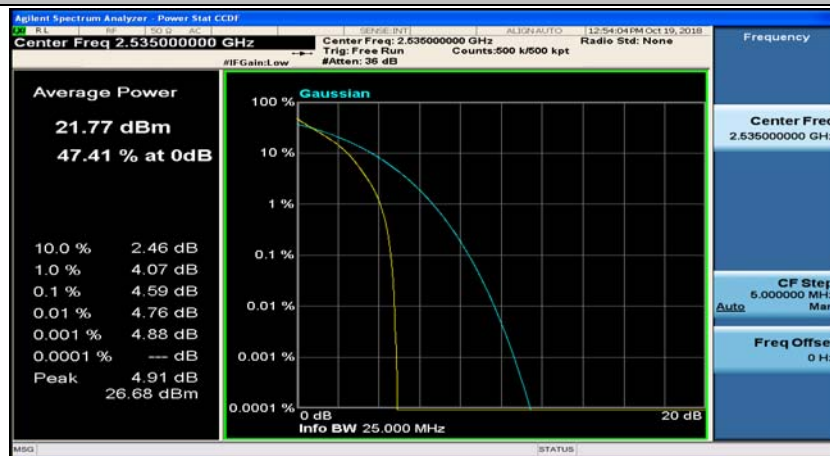
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



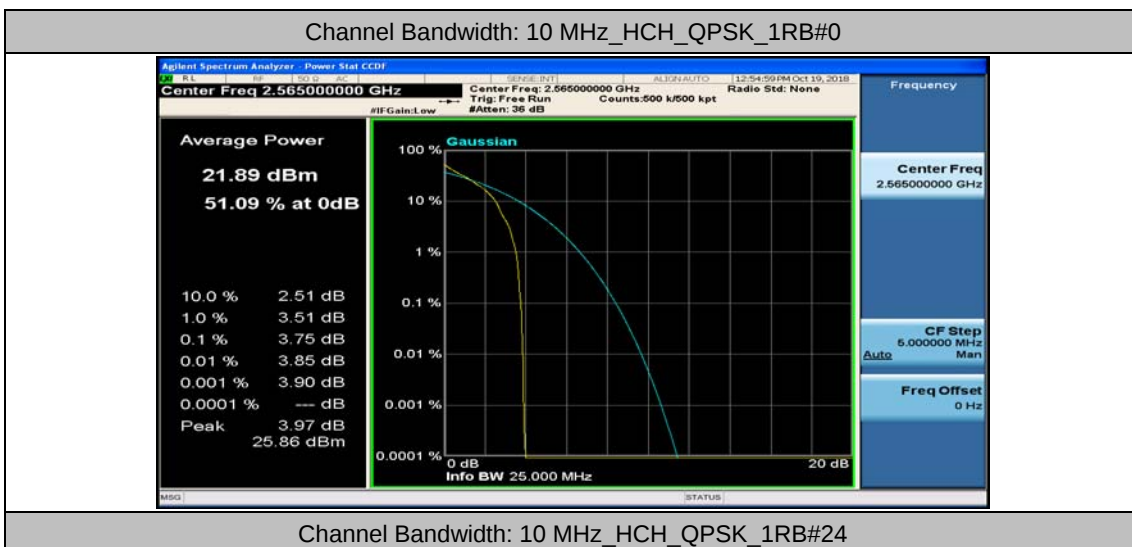
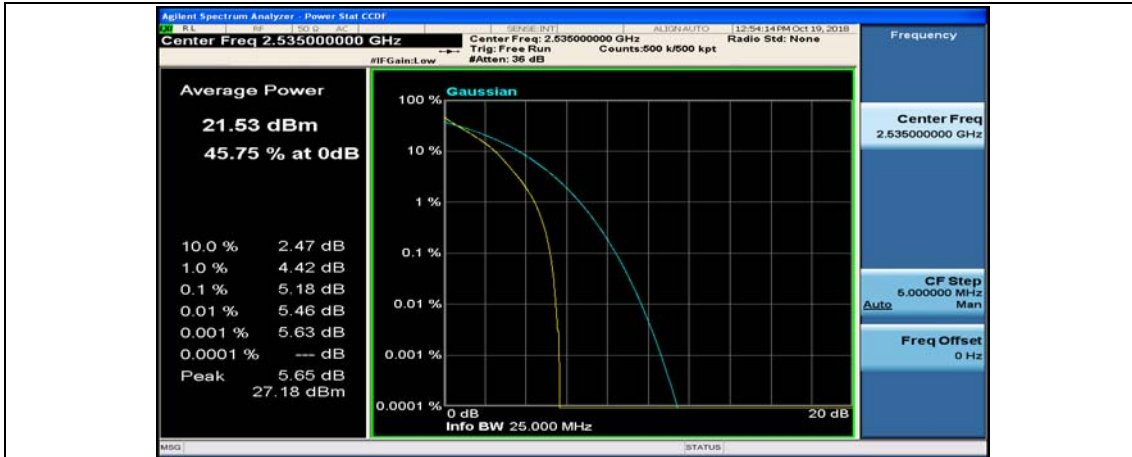
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0

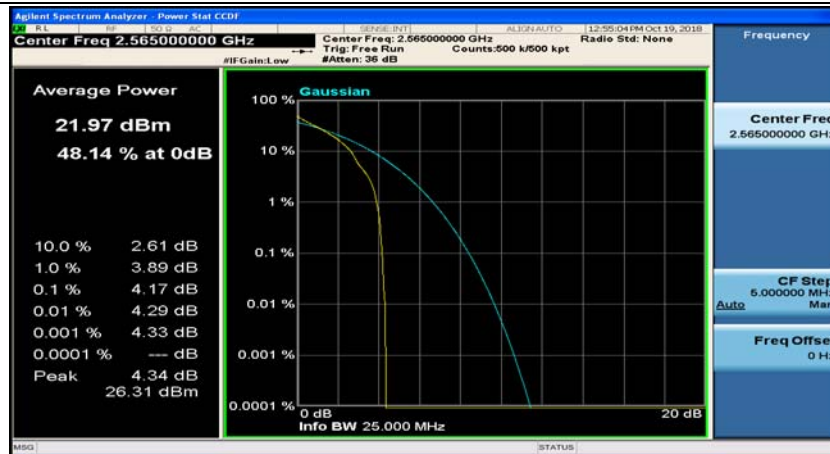


Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12

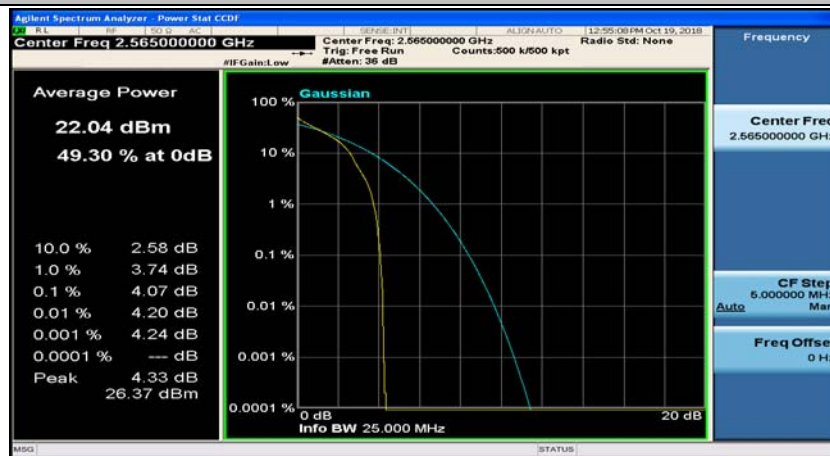


Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25





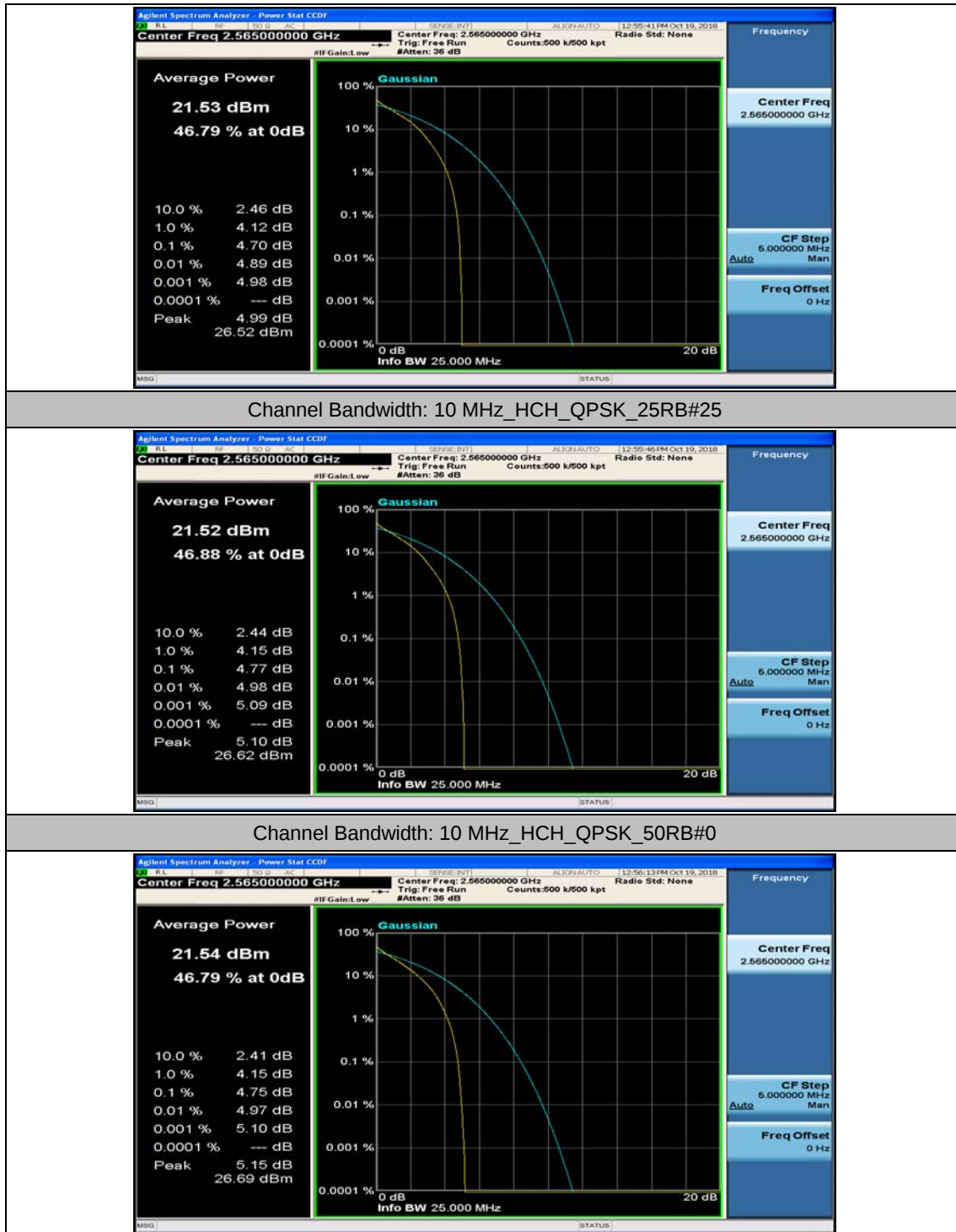
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



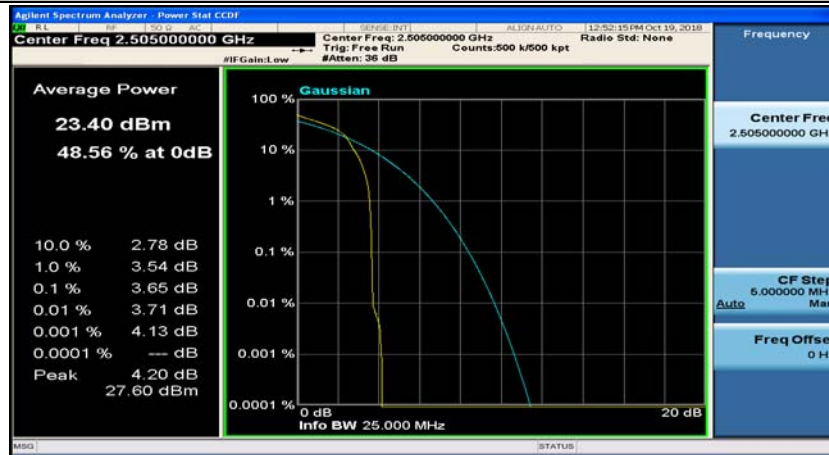
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



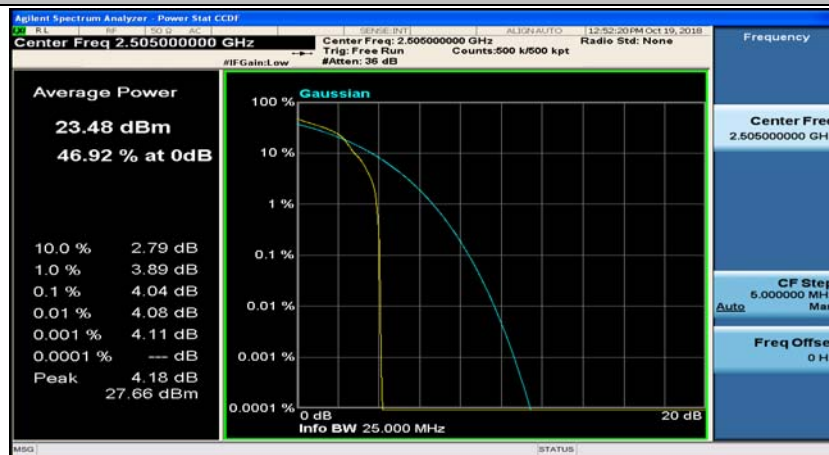
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



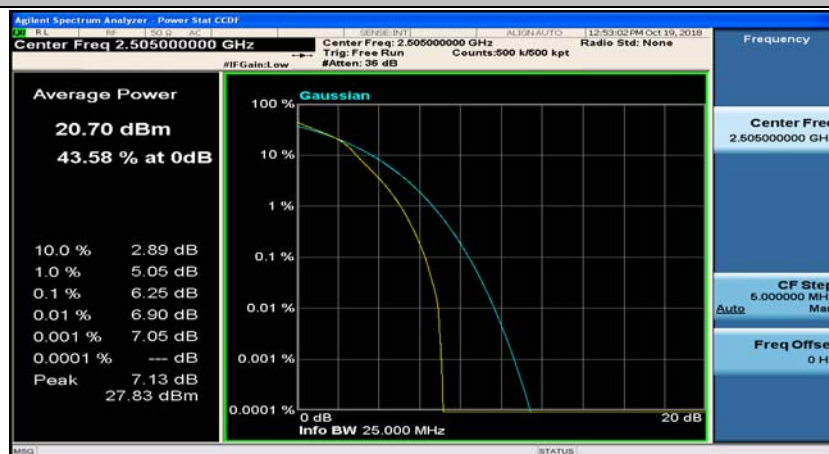
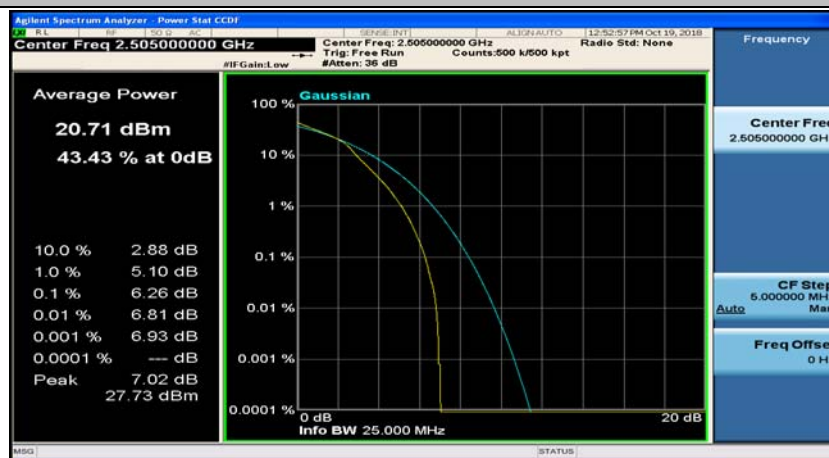
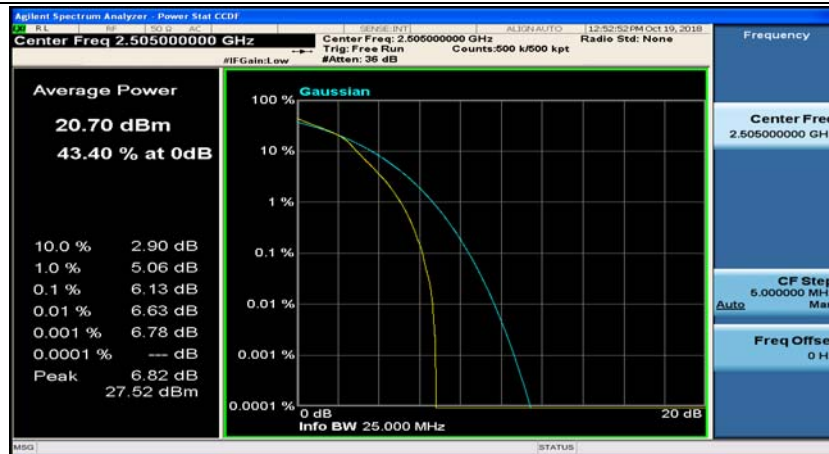
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

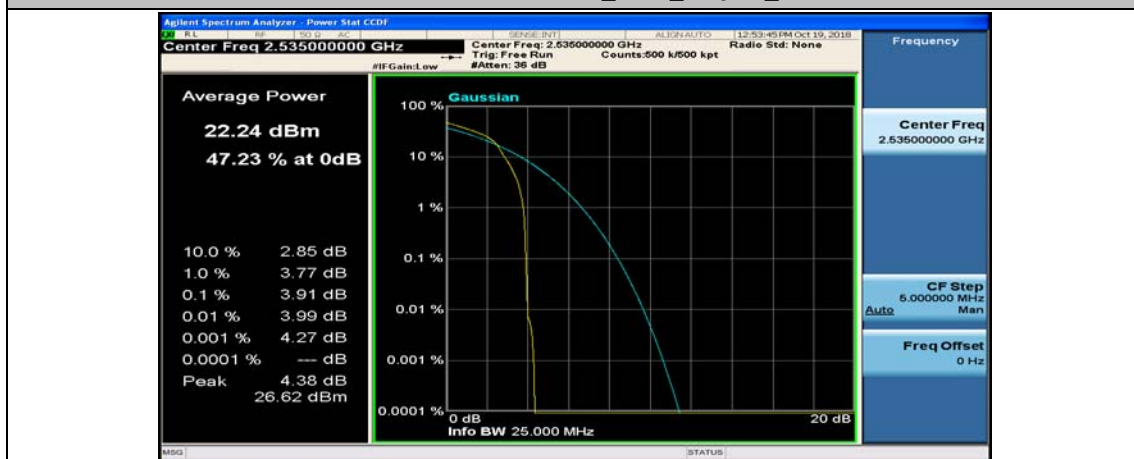


Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0

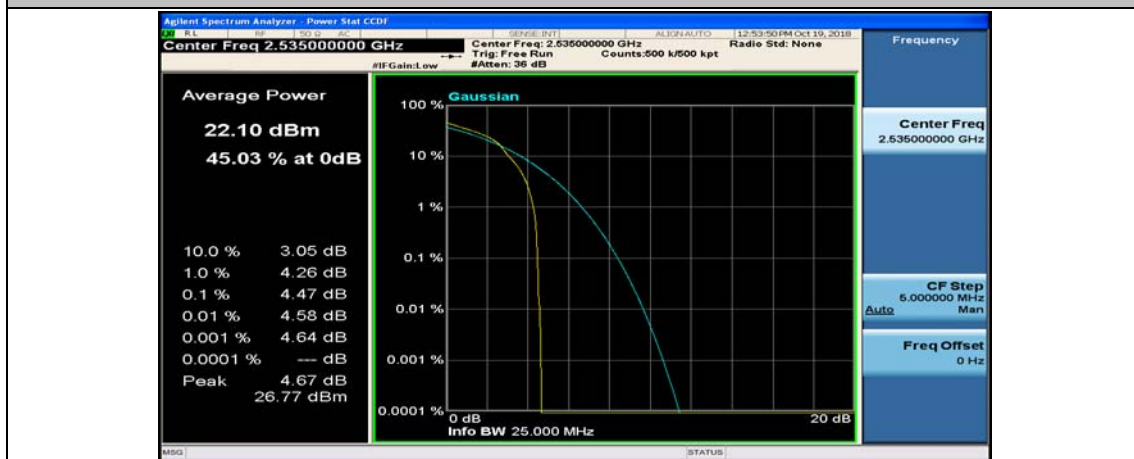




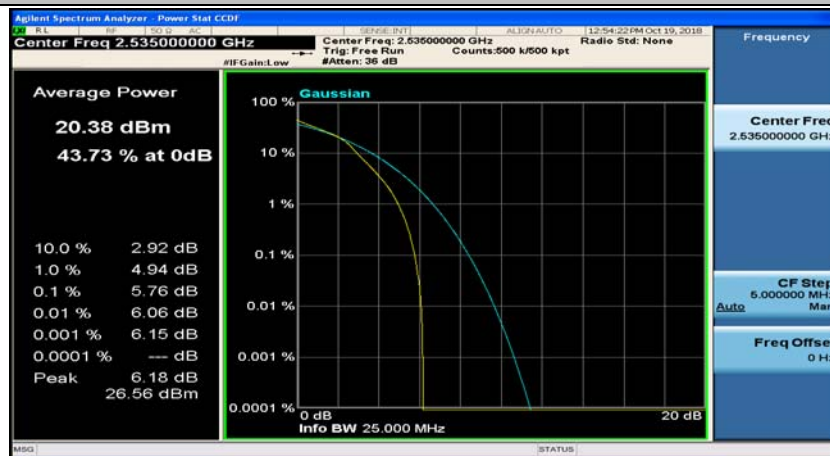
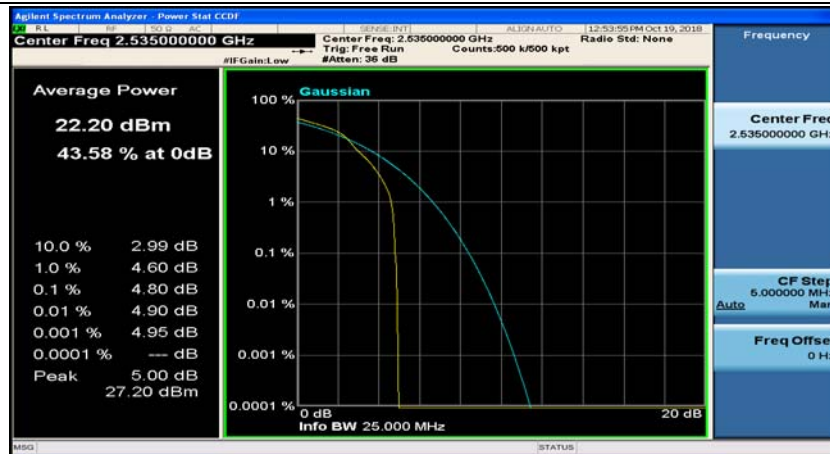
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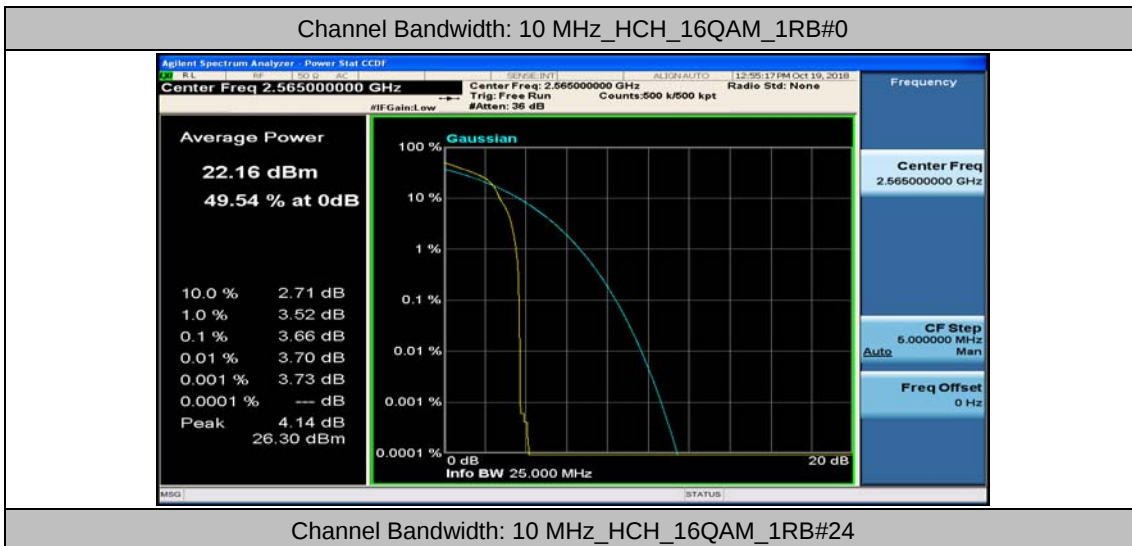
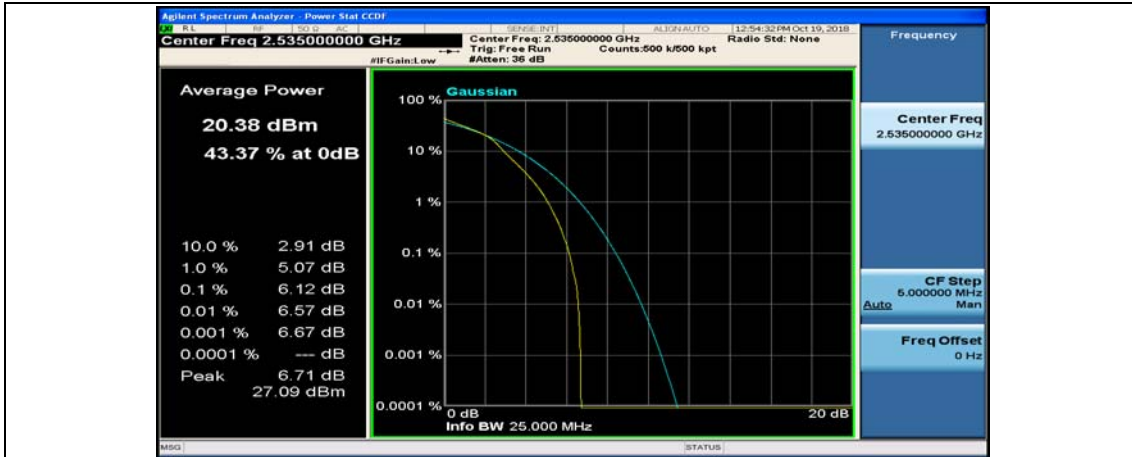


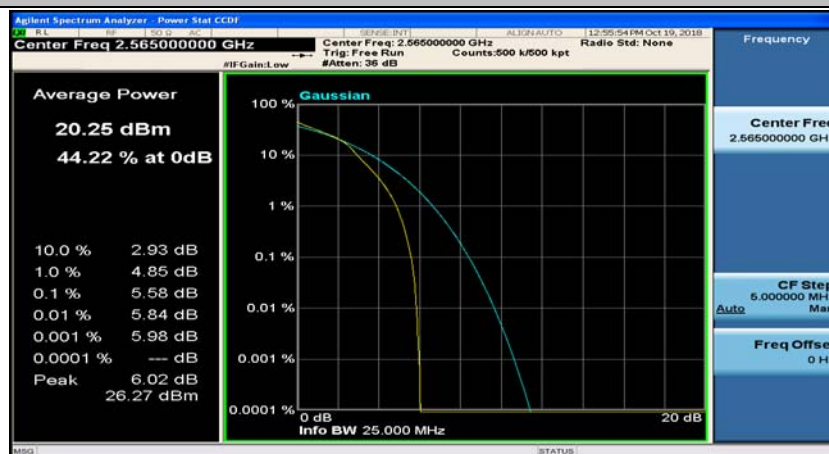
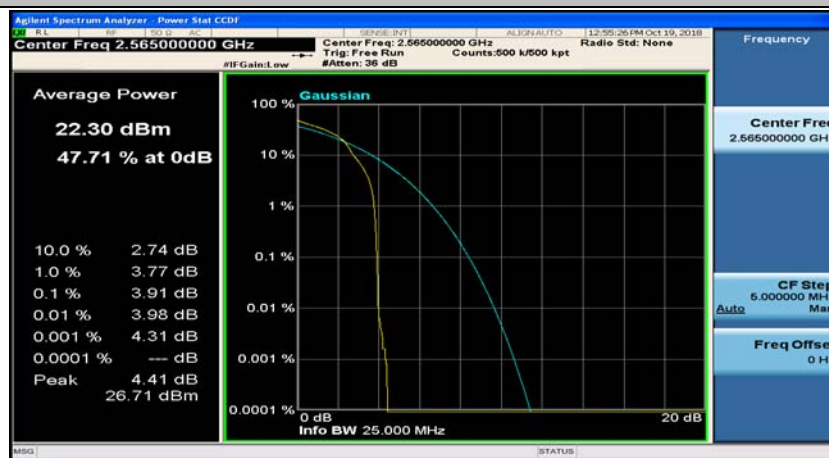
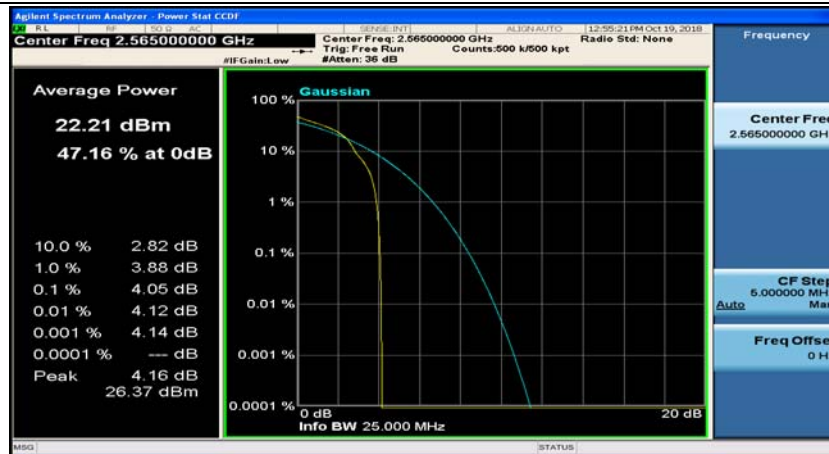
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

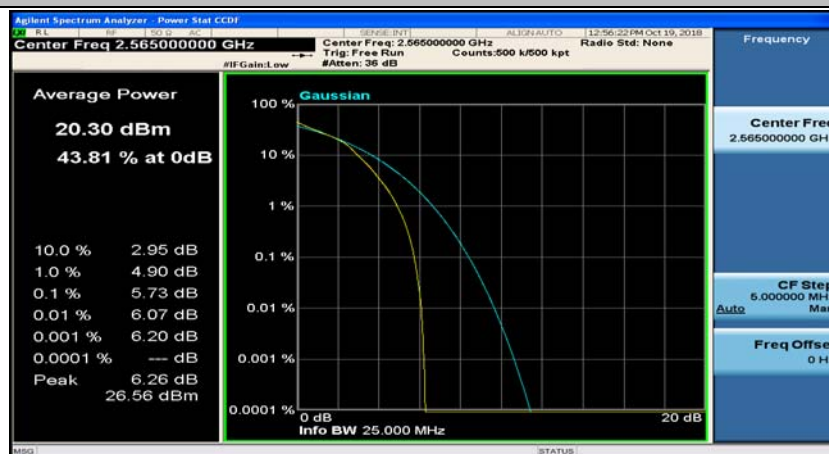
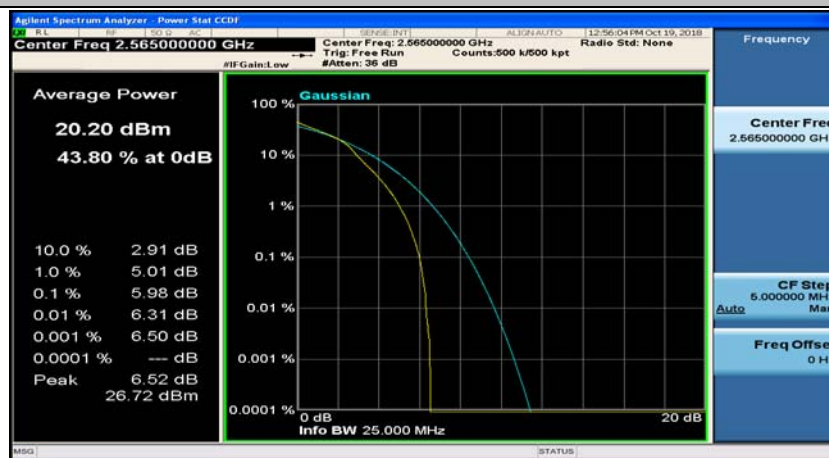
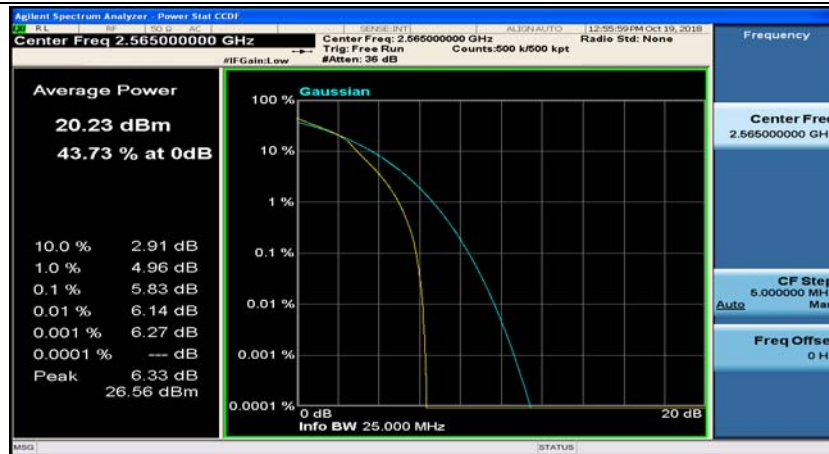


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



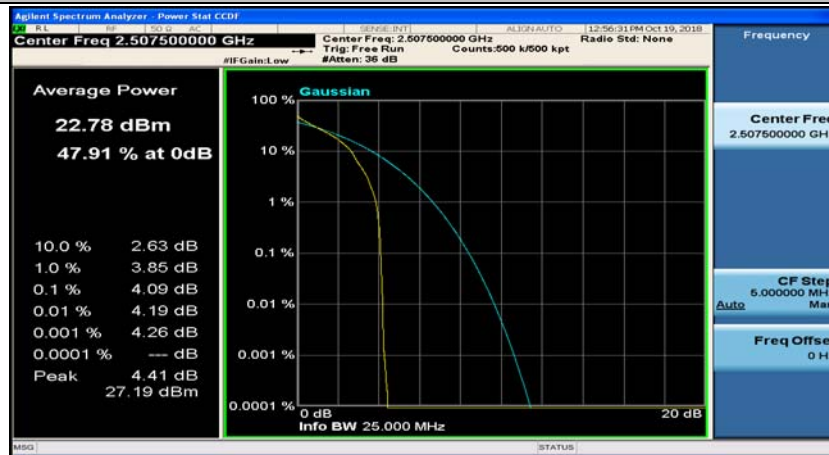




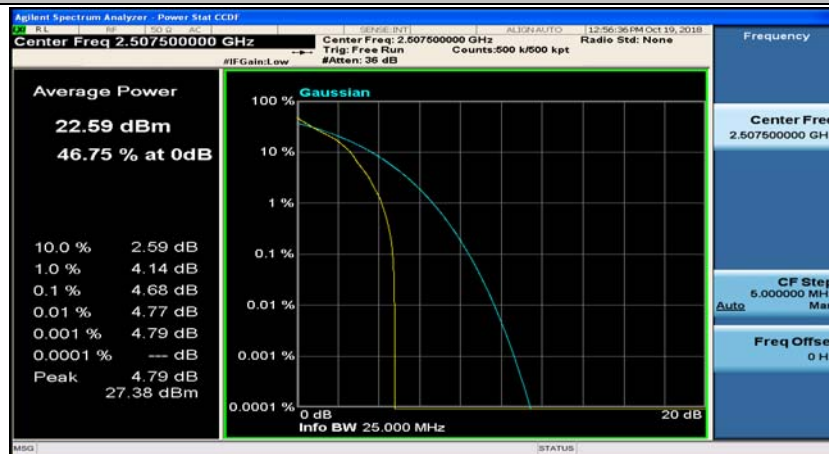


Channel Bandwidth: 15 MHz

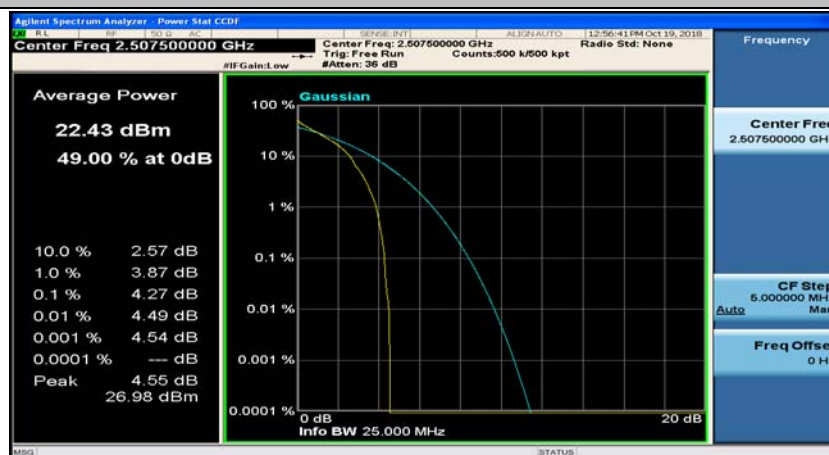
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0



(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



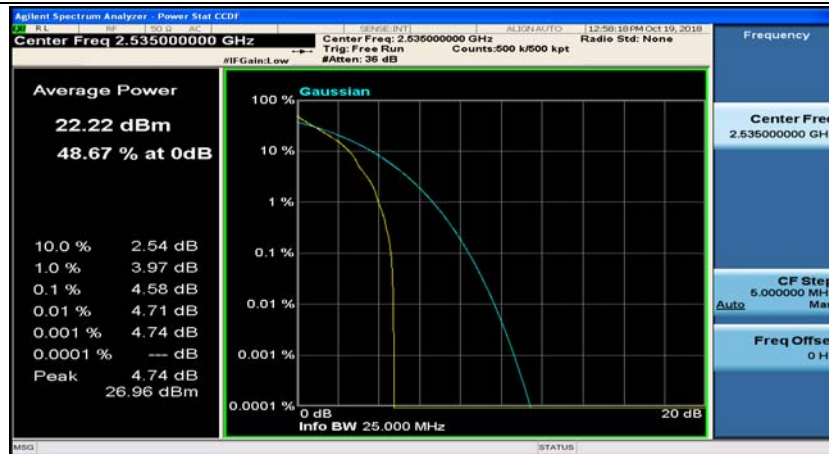
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37



(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74



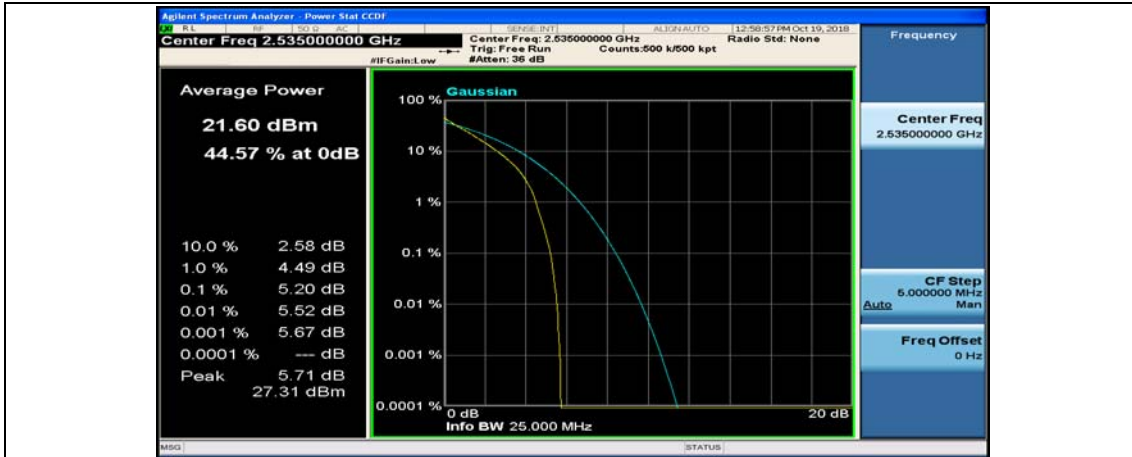
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38



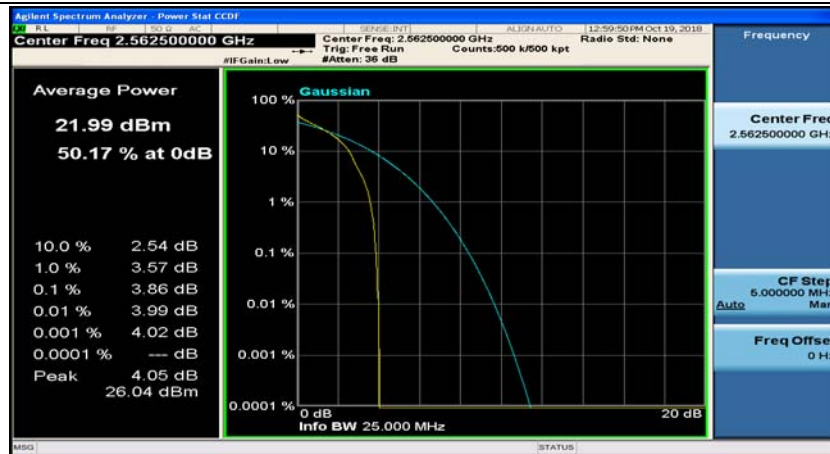
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



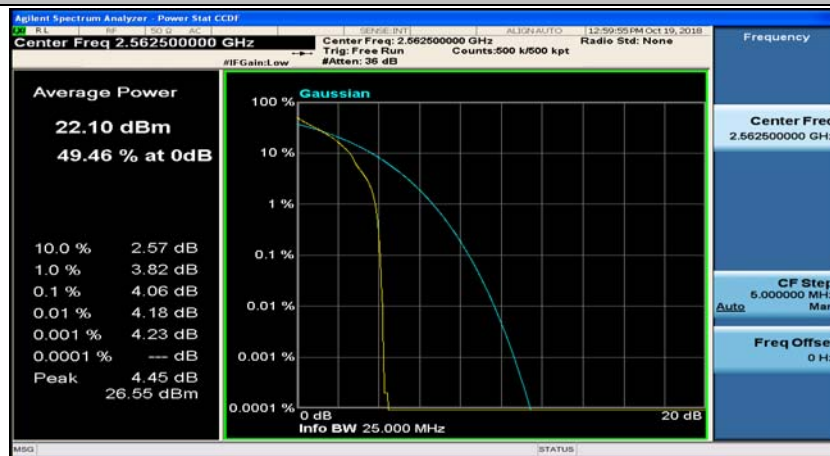
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37



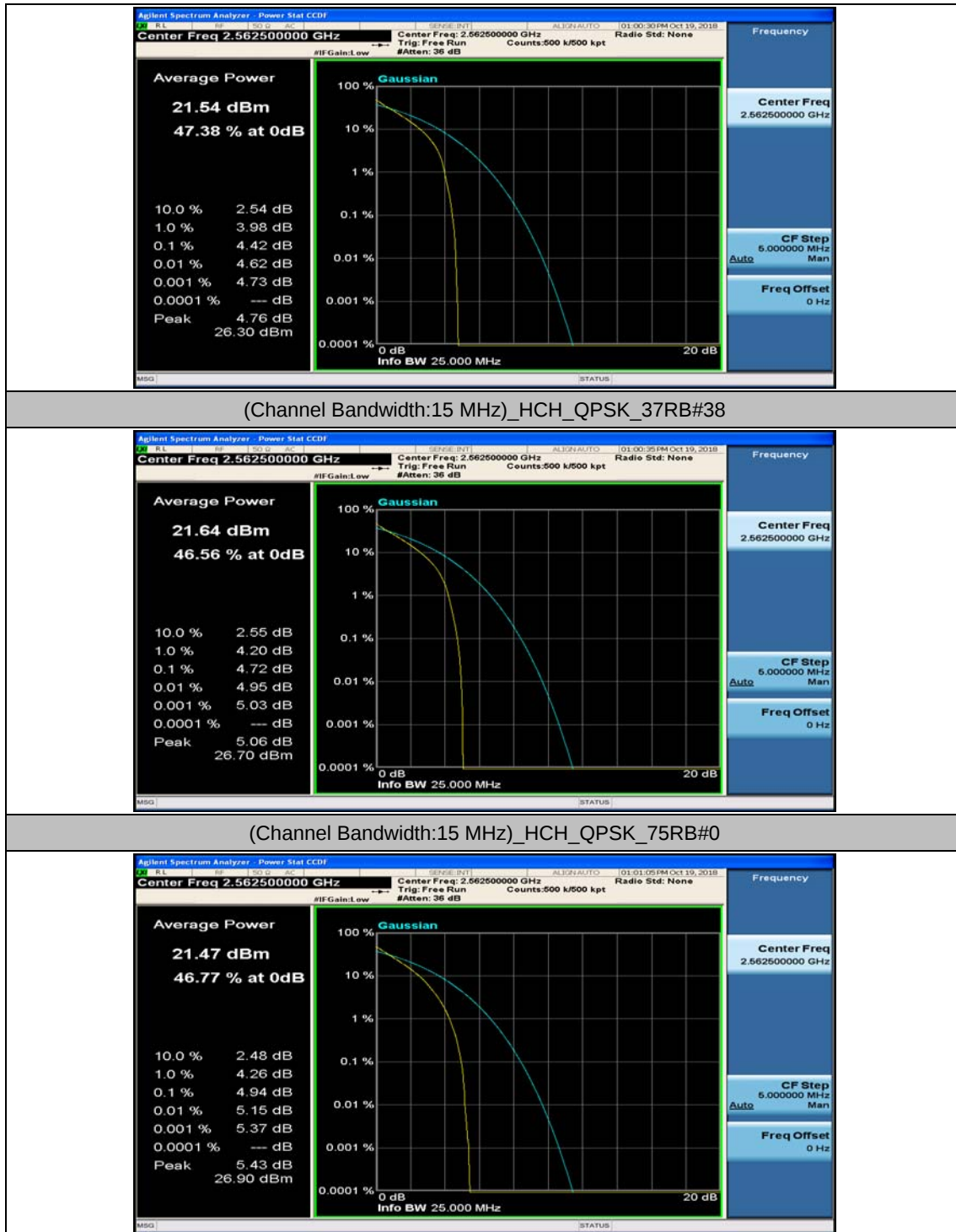
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



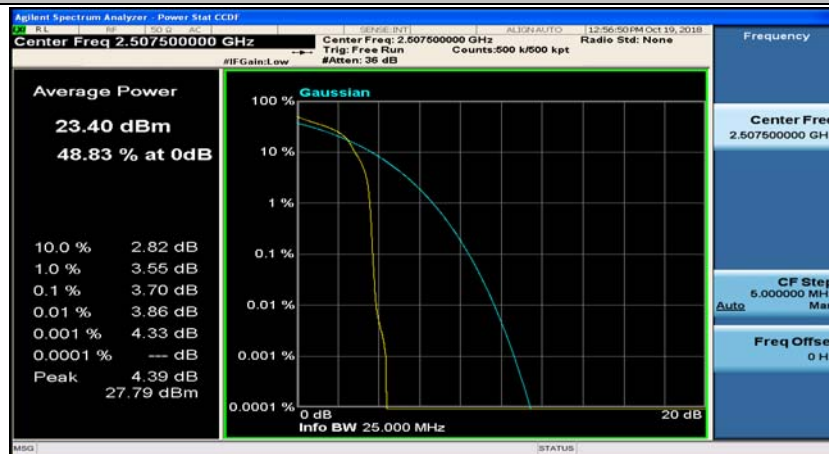
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



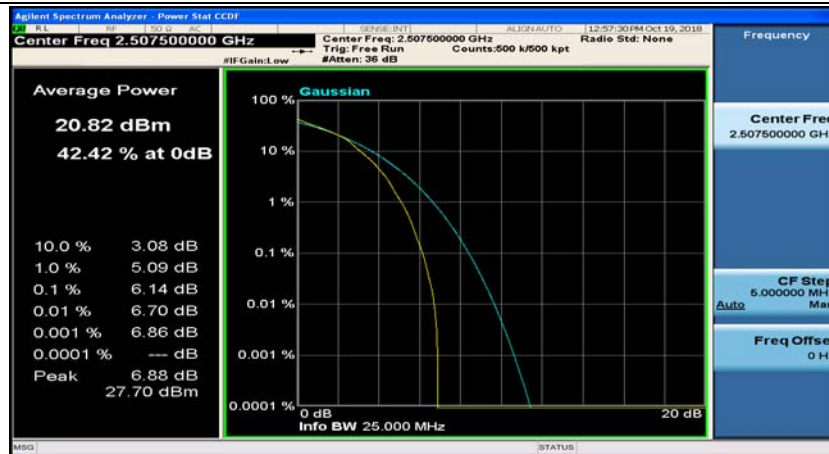
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37



(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



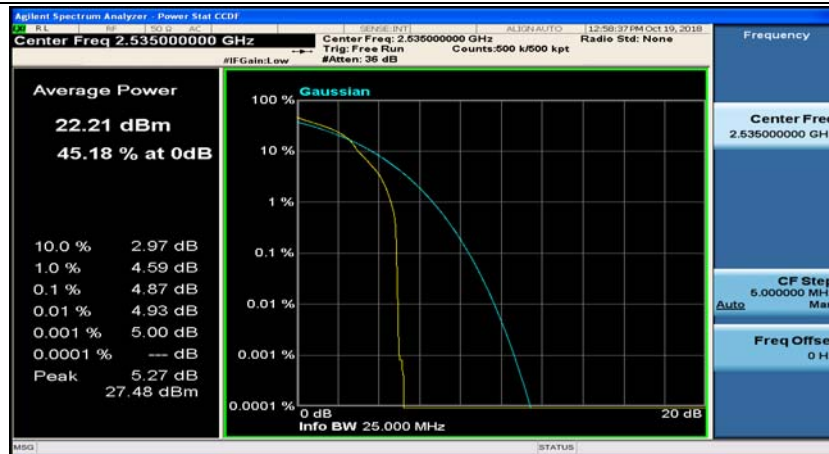
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0



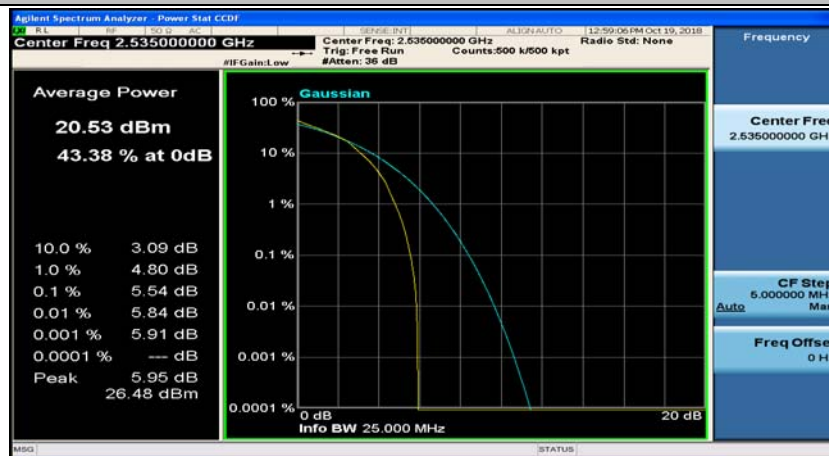
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37



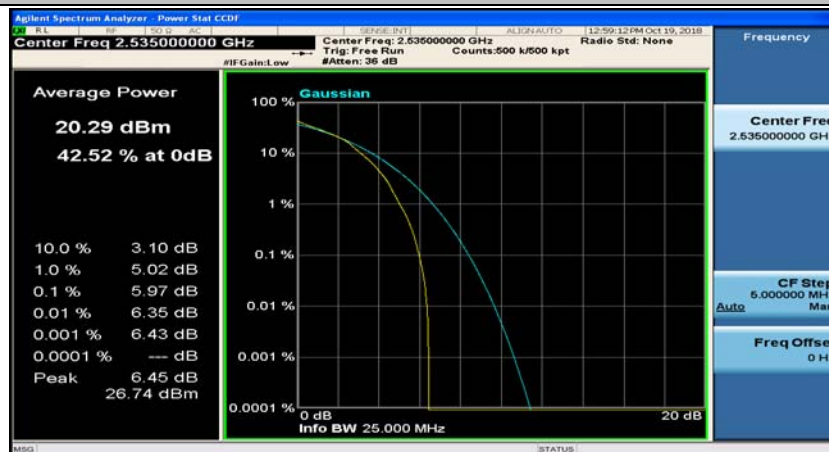
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74



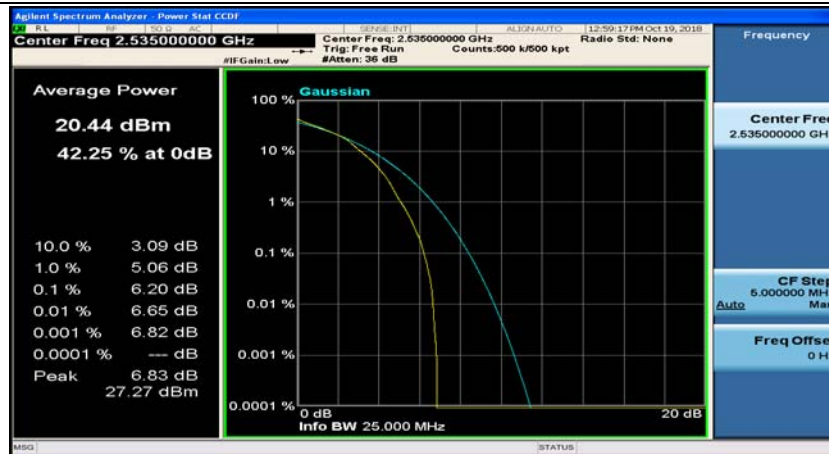
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0



(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18



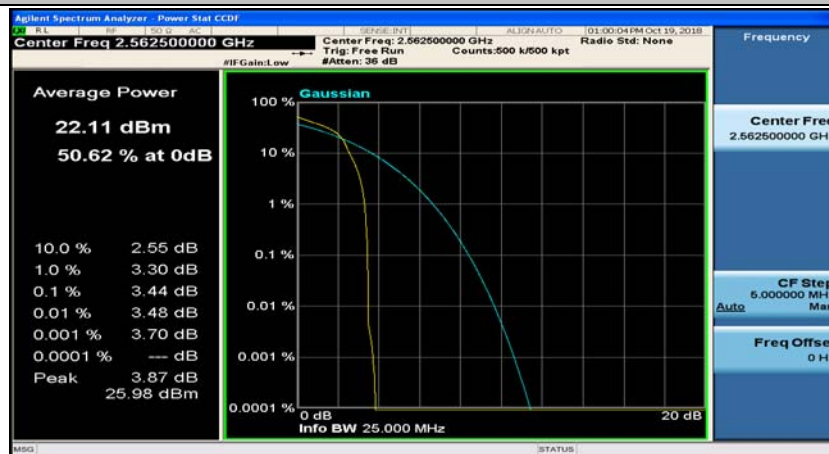
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38



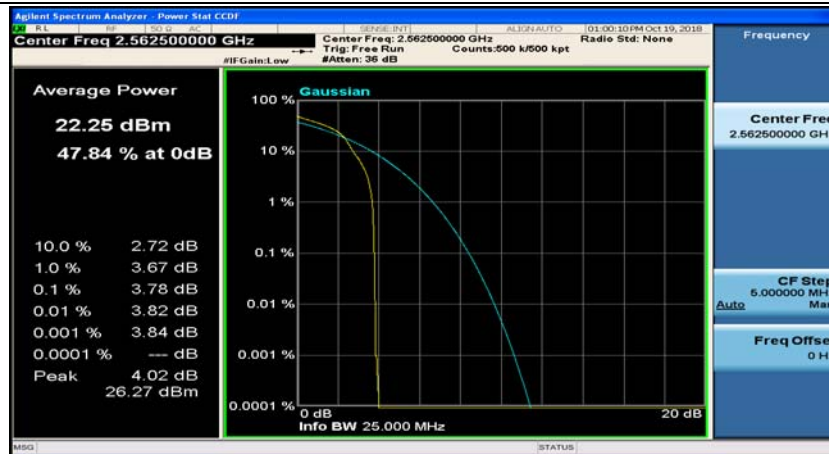
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



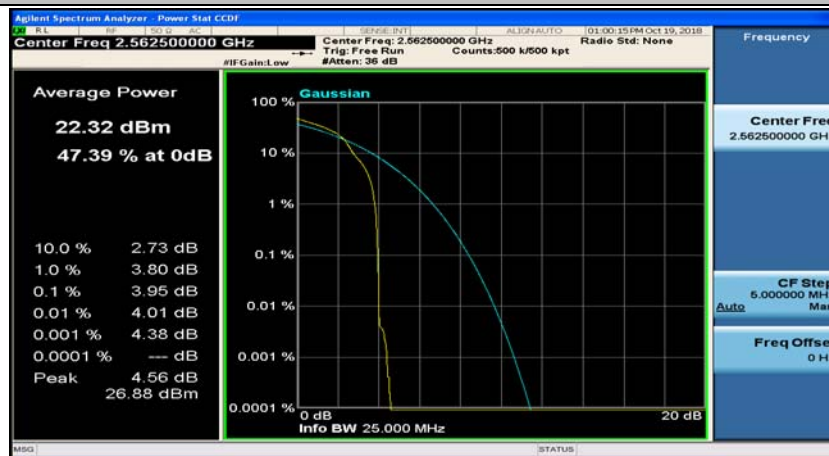
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



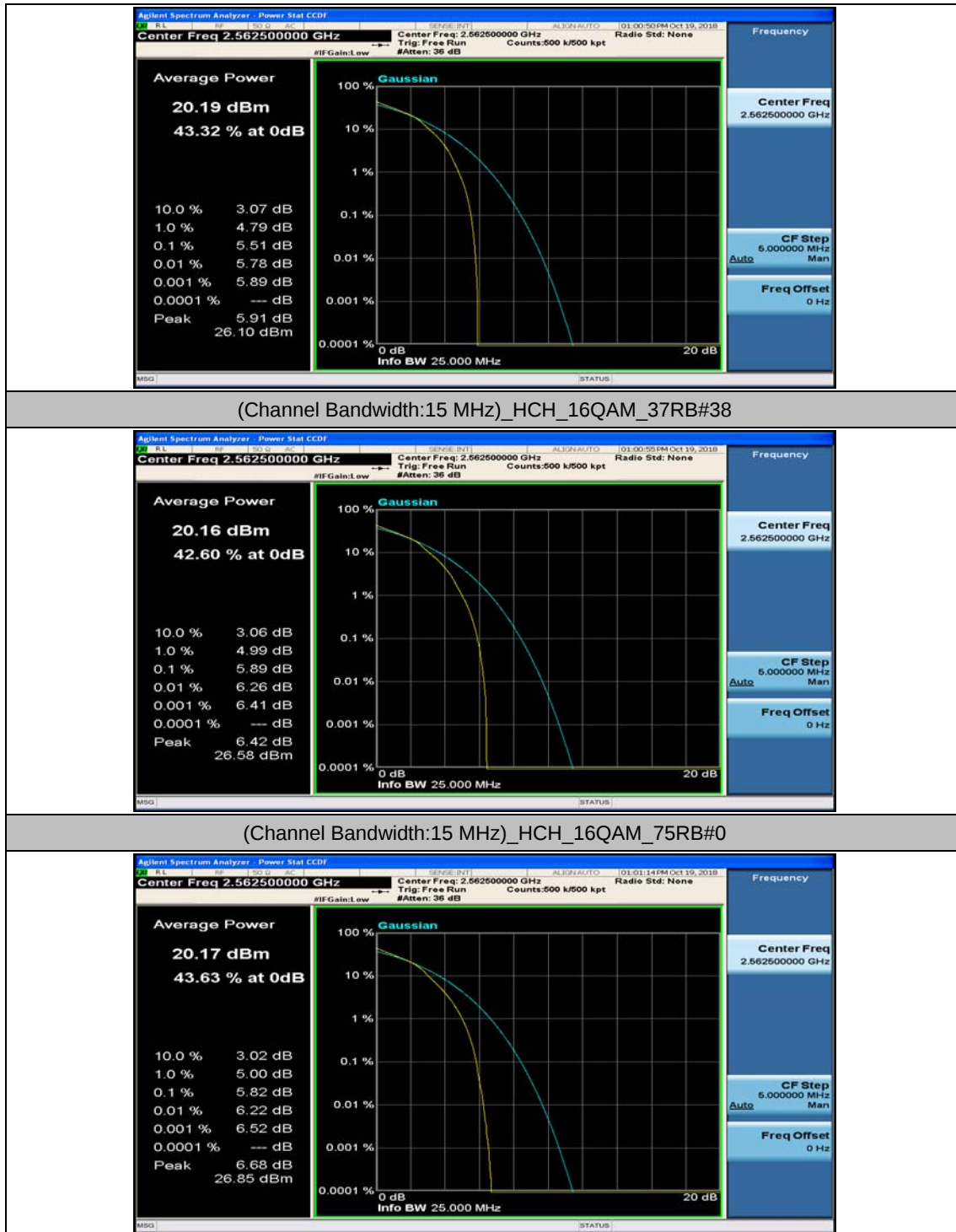
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18

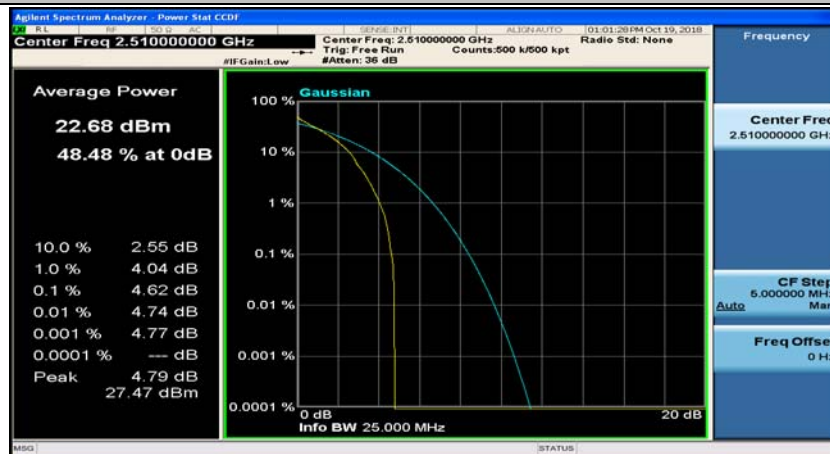


Channel Bandwidth: 20 MHz

(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