

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	24.52	PASS
		1	12	24.58	PASS
		1	24	24.57	PASS
		12	0	23.60	PASS
		12	6	23.38	PASS
		12	13	23.35	PASS
		25	0	23.27	PASS
	MCH	1	0	24.38	PASS
		1	12	23.76	PASS
		1	24	24.31	PASS
		12	0	22.92	PASS
		12	6	22.87	PASS
		12	13	22.92	PASS
		25	0	22.94	PASS
	HCH	1	0	24.09	PASS
		1	12	23.30	PASS
		1	24	22.88	PASS
		12	0	23.14	PASS
		12	6	22.80	PASS
		12	13	22.53	PASS
		25	0	22.85	PASS
16QAM	LCH	1	0	23.81	PASS
		1	12	23.80	PASS
		1	24	23.85	PASS
		12	0	22.76	PASS
		12	6	22.61	PASS
		12	13	22.61	PASS
		25	0	22.46	PASS
	MCH	1	0	23.29	PASS
		1	12	22.89	PASS
		1	24	23.28	PASS
		12	0	22.19	PASS
		12	6	22.00	PASS
		12	13	22.16	PASS

	HCH	25	0	22.12	PASS
		1	0	23.30	PASS
		1	12	22.61	PASS
		1	24	22.23	PASS
		12	0	22.24	PASS
		12	6	22.11	PASS
		12	13	21.91	PASS
		25	0	22.12	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.71	PASS
		1	24	23.72	PASS
		1	49	23.85	PASS
		25	0	22.96	PASS
		25	12	22.88	PASS
		25	25	22.89	PASS
		50	0	22.96	PASS
	MCH	1	0	23.78	PASS
		1	24	23.61	PASS
		1	49	23.63	PASS
		25	0	22.82	PASS
		25	12	22.77	PASS
		25	25	22.90	PASS
		50	0	22.84	PASS
	HCH	1	0	23.19	PASS
		1	24	23.59	PASS
		1	49	22.39	PASS
		25	0	22.80	PASS
		25	12	22.92	PASS
		25	25	22.63	PASS
		50	0	22.80	PASS
16QAM	LCH	1	0	23.07	PASS
		1	24	23.08	PASS
		1	49	23.16	PASS
		25	0	22.17	PASS
		25	12	22.10	PASS
		25	25	22.12	PASS
		50	0	22.15	PASS
	MCH	1	0	23.05	PASS

		1	24	23.08	PASS
		1	49	22.99	PASS
		25	0	22.03	PASS
		25	12	21.90	PASS
		25	25	22.02	PASS
		50	0	22.00	PASS
	HCH	1	0	22.51	PASS
		1	24	22.95	PASS
		1	49	21.89	PASS
		25	0	21.73	PASS
		25	12	21.96	PASS
		25	25	21.89	PASS
		50	0	21.88	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.70	PASS
		1	37	23.65	PASS
		1	74	24.45	PASS
		37	0	22.86	PASS
		37	18	22.94	PASS
		37	38	23.37	PASS
		75	0	23.14	PASS
	MCH	1	0	24.07	PASS
		1	37	23.53	PASS
		1	74	23.65	PASS
		37	0	22.96	PASS
		37	18	22.84	PASS
		37	38	23.02	PASS
		75	0	23.01	PASS
	HCH	1	0	23.44	PASS
		1	37	23.62	PASS
		1	74	22.66	PASS
		37	0	22.42	PASS
		37	18	22.68	PASS
		37	38	22.75	PASS
		75	0	22.60	PASS
16QAM	LCH	1	0	23.05	PASS
		1	37	22.99	PASS
		1	74	23.78	PASS

		37	0	22.06	PASS
		37	18	22.15	PASS
		37	38	22.60	PASS
		75	0	22.33	PASS
	MCH	1	0	23.39	PASS
		1	37	22.99	PASS
		1	74	23.15	PASS
		37	0	22.16	PASS
		37	18	21.98	PASS
		37	38	22.16	PASS
		75	0	22.17	PASS
	HCH	1	0	22.68	PASS
		1	37	22.82	PASS
		1	74	22.08	PASS
		37	0	21.43	PASS
		37	18	21.67	PASS
		37	38	21.88	PASS
		75	0	21.67	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.79	PASS
		1	49	24.01	PASS
		1	99	24.60	PASS
		50	0	22.84	PASS
		50	25	23.20	PASS
		50	50	23.66	PASS
		100	0	23.28	PASS
	MCH	1	0	24.38	PASS
		1	49	23.61	PASS
		1	99	23.74	PASS
		50	0	23.01	PASS
		50	25	22.86	PASS
		50	50	23.00	PASS
		100	0	23.04	PASS
	HCH	1	0	23.65	PASS
		1	49	23.38	PASS
		1	99	22.76	PASS
		50	0	22.58	PASS
		50	25	22.63	PASS

		50	50	22.75	PASS
		100	0	22.65	PASS
16QAM	LCH	1	0	23.07	PASS
		1	49	23.28	PASS
		1	99	23.86	PASS
		50	0	22.01	PASS
		50	25	22.39	PASS
		50	50	22.64	PASS
		100	0	22.45	PASS
	MCH	1	0	23.57	PASS
		1	49	22.98	PASS
		1	99	23.03	PASS
		50	0	22.20	PASS
		50	25	22.00	PASS
		50	50	22.13	PASS
		100	0	22.21	PASS
	HCH	1	0	22.94	PASS
		1	49	22.67	PASS
		1	99	22.19	PASS
		50	0	21.63	PASS
		50	25	21.66	PASS
		50	50	21.86	PASS
		100	0	21.68	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	2.55	<13	PASS
		1	12	3.15	<13	PASS
		1	24	3.34	<13	PASS
		12	0	3.82	<13	PASS
		12	6	4.08	<13	PASS
		12	13	4.35	<13	PASS
		25	0	4.05	<13	PASS
	MCH	1	0	3.16	<13	PASS
		1	12	3.71	<13	PASS
		1	24	3.6	<13	PASS
		12	0	4.61	<13	PASS
		12	6	4.75	<13	PASS
		12	13	4.83	<13	PASS
		25	0	4.71	<13	PASS
	HCH	1	0	2.5	<13	PASS
		1	12	2.56	<13	PASS
		1	24	2.46	<13	PASS
		12	0	3.57	<13	PASS
		12	6	3.59	<13	PASS
		12	13	3.46	<13	PASS
		25	0	3.53	<13	PASS
16QAM	LCH	1	0	3.4	<13	PASS
		1	12	3.86	<13	PASS
		1	24	4.12	<13	PASS
		12	0	4.53	<13	PASS
		12	6	4.8	<13	PASS
		12	13	4.98	<13	PASS
		25	0	4.81	<13	PASS
	MCH	1	0	4.00	<13	PASS
		1	12	4.17	<13	PASS
		1	24	4.26	<13	PASS
		12	0	5.43	<13	PASS
		12	6	5.6	<13	PASS

		12	13	5.58	<13	PASS
		25	0	5.51	<13	PASS
	HCH	1	0	3.40	<13	PASS
		1	12	3.52	<13	PASS
		1	24	3.34	<13	PASS
		12	0	4.61	<13	PASS
		12	6	4.46	<13	PASS
		12	13	4.32	<13	PASS
		25	0	4.48	<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	2.81	<13	PASS
		1	24	3.62	<13	PASS
		1	49	4.35	<13	PASS
		25	0	4.04	<13	PASS
		25	12	4.54	<13	PASS
		25	25	4.97	<13	PASS
		50	0	4.53	<13	PASS
	MCH	1	0	3.23	<13	PASS
		1	24	3.62	<13	PASS
		1	49	3.98	<13	PASS
		25	0	4.42	<13	PASS
		25	12	4.67	<13	PASS
		25	25	4.75	<13	PASS
		50	0	4.61	<13	PASS
	HCH	1	0	3.17	<13	PASS
		1	24	2.67	<13	PASS
		1	49	2.63	<13	PASS
		25	0	4.03	<13	PASS
		25	12	3.74	<13	PASS
		25	25	3.57	<13	PASS
		50	0	3.82	<13	PASS
16QAM	LCH	1	0	3.59	<13	PASS
		1	24	4.33	<13	PASS
		1	49	4.96	<13	PASS
		25	0	4.80	<13	PASS
		25	12	5.26	<13	PASS
		25	25	5.71	<13	PASS

	MCH	50	0	5.26	<13	PASS
		1	0	4.08	<13	PASS
		1	24	4.21	<13	PASS
		1	49	4.63	<13	PASS
		25	0	5.20	<13	PASS
		25	12	5.42	<13	PASS
		25	25	5.60	<13	PASS
		50	0	5.39	<13	PASS
	HCH	1	0	4.18	<13	PASS
		1	24	3.67	<13	PASS
		1	49	3.57	<13	PASS
		25	0	5.18	<13	PASS
		25	12	4.86	<13	PASS
		25	25	4.50	<13	PASS
		50	0	4.87	<13	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	2.74	<13	PASS
		1	37	3.99	<13	PASS
		1	74	3.95	<13	PASS
		37	0	4.29	<13	PASS
		37	18	4.83	<13	PASS
		37	38	5.1	<13	PASS
		75	0	5.11	<13	PASS
	MCH	1	0	2.97	<13	PASS
		1	37	3.56	<13	PASS
		1	74	3.83	<13	PASS
		37	0	4.25	<13	PASS
		37	18	4.50	<13	PASS
		37	38	4.69	<13	PASS
		75	0	4.85	<13	PASS
	HCH	1	0	2.81	<13	PASS
		1	37	2.74	<13	PASS
		1	74	2.45	<13	PASS
		37	0	4.11	<13	PASS
		37	18	3.95	<13	PASS
		37	38	3.49	<13	PASS
		75	0	4.20	<13	PASS

16QAM	LCH	1	0	3.53	<13	PASS
		1	37	4.56	<13	PASS
		1	74	4.76	<13	PASS
		37	0	5.04	<13	PASS
		37	18	5.57	<13	PASS
		37	38	5.79	<13	PASS
		75	0	5.69	<13	PASS
	MCH	1	0	3.71	<13	PASS
		1	37	4.32	<13	PASS
		1	74	4.41	<13	PASS
		37	0	5.04	<13	PASS
		37	18	5.31	<13	PASS
		37	38	5.49	<13	PASS
		75	0	5.55	<13	PASS
	HCH	1	0	3.81	<13	PASS
		1	37	3.79	<13	PASS
		1	74	3.40	<13	PASS
		37	0	5.09	<13	PASS
		37	18	5.01	<13	PASS
		37	38	4.54	<13	PASS
		75	0	5.08	<13	PASS

Channel Bandwidth: 20 MHz

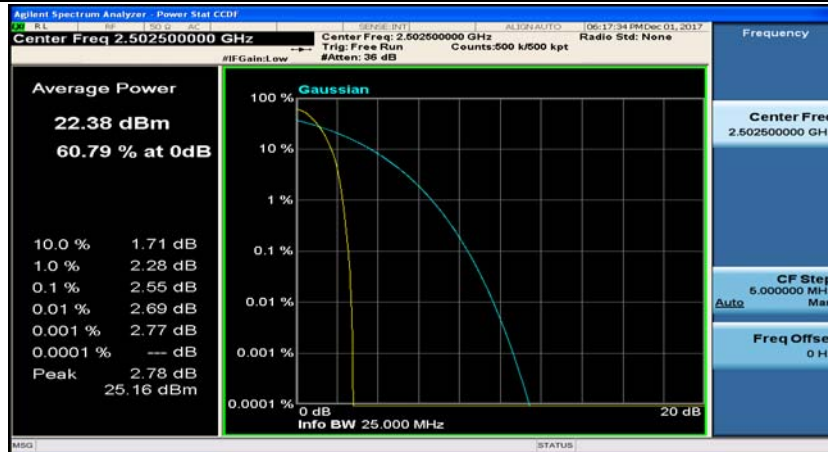
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.02	<13	PASS
		1	49	3.14	<13	PASS
		1	99	2.86	<13	PASS
		50	0	4.52	<13	PASS
		50	25	4.31	<13	PASS
		50	50	4.13	<13	PASS
		100	0	4.65	<13	PASS
	MCH	1	0	3.03	<13	PASS
		1	49	3.51	<13	PASS
		1	99	2.84	<13	PASS
		50	0	4.64	<13	PASS
		50	25	4.59	<13	PASS
		50	50	4.35	<13	PASS
		100	0	4.8	<13	PASS
	HCH	1	0	8.38	<13	PASS

		1	49	2.76	<13	PASS
		1	99	2.21	<13	PASS
		50	0	3.71	<13	PASS
		50	25	3.54	<13	PASS
		50	50	3.45	<13	PASS
		100	0	4.30	<13	PASS
16QAM	LCH	1	0	3.55	<13	PASS
		1	49	3.85	<13	PASS
		1	99	3.4	<13	PASS
		50	0	5.27	<13	PASS
		50	25	5.06	<13	PASS
		50	50	5.07	<13	PASS
		100	0	5.39	<13	PASS
	MCH	1	0	3.73	<13	PASS
		1	49	4.04	<13	PASS
		1	99	3.59	<13	PASS
		50	0	5.4	<13	PASS
		50	25	5.36	<13	PASS
		50	50	5.16	<13	PASS
		100	0	5.56	<13	PASS
	HCH	1	0	3.06	<13	PASS
		1	49	3.37	<13	PASS
		1	99	2.87	<13	PASS
		50	0	4.68	<13	PASS
		50	25	4.87	<13	PASS
		50	50	4.71	<13	PASS
		100	0	5.22	<13	PASS

Test Graphs

Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



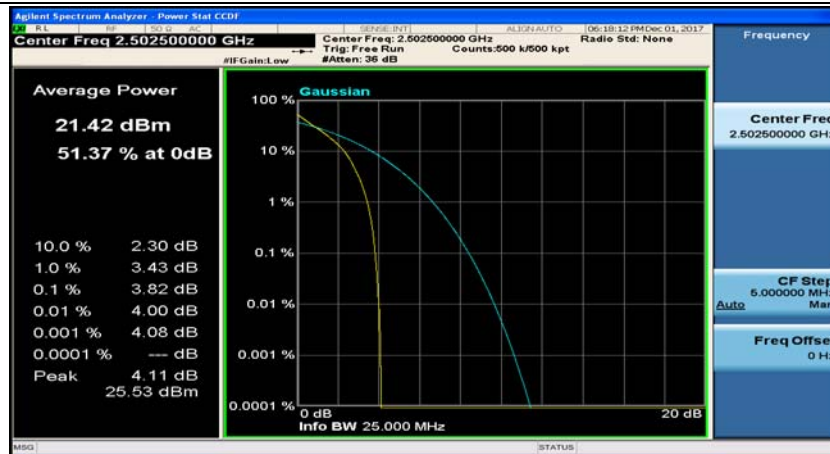
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



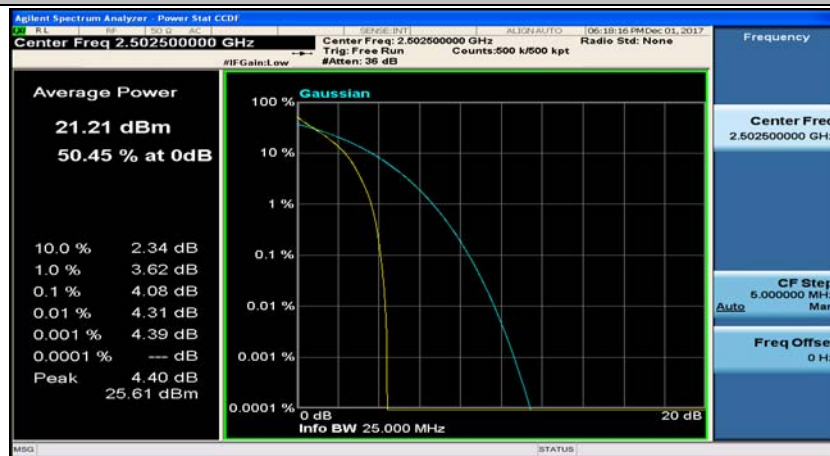
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



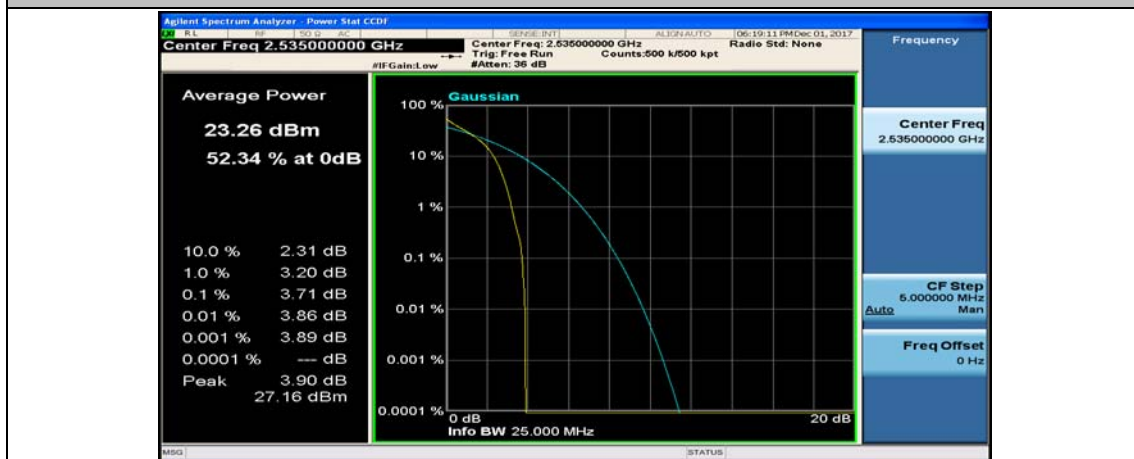
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



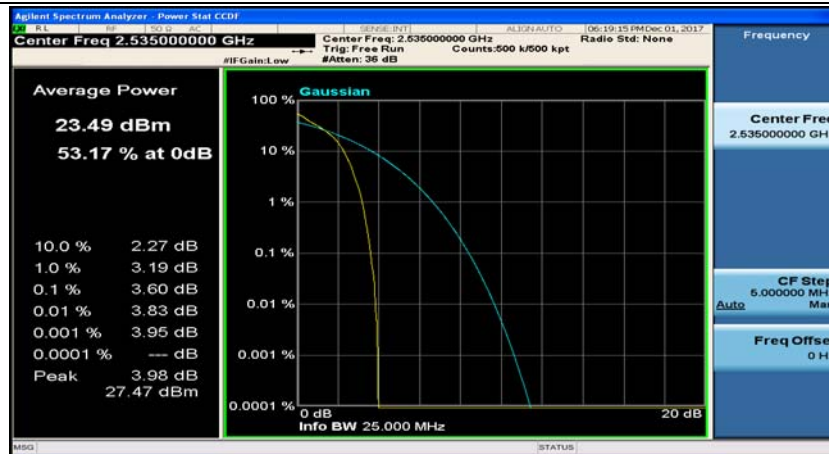
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



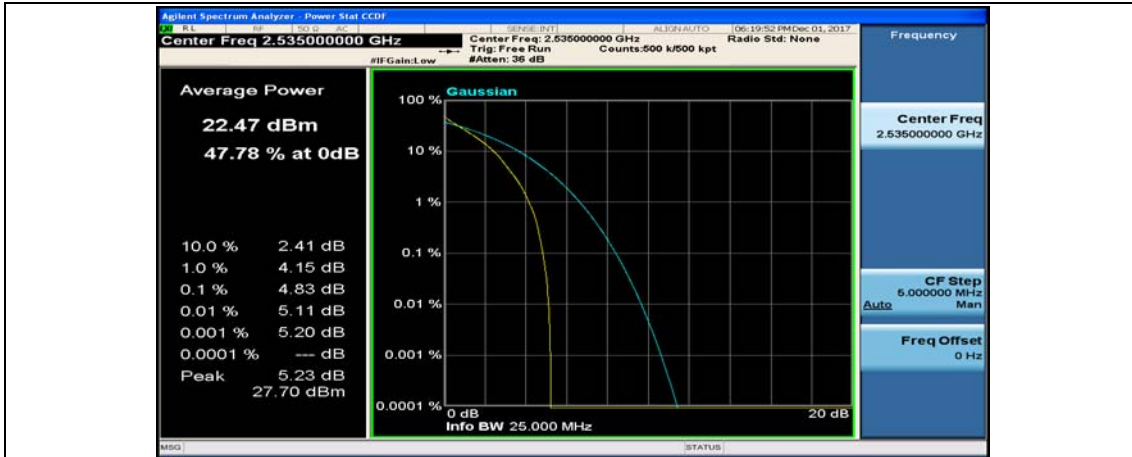
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(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



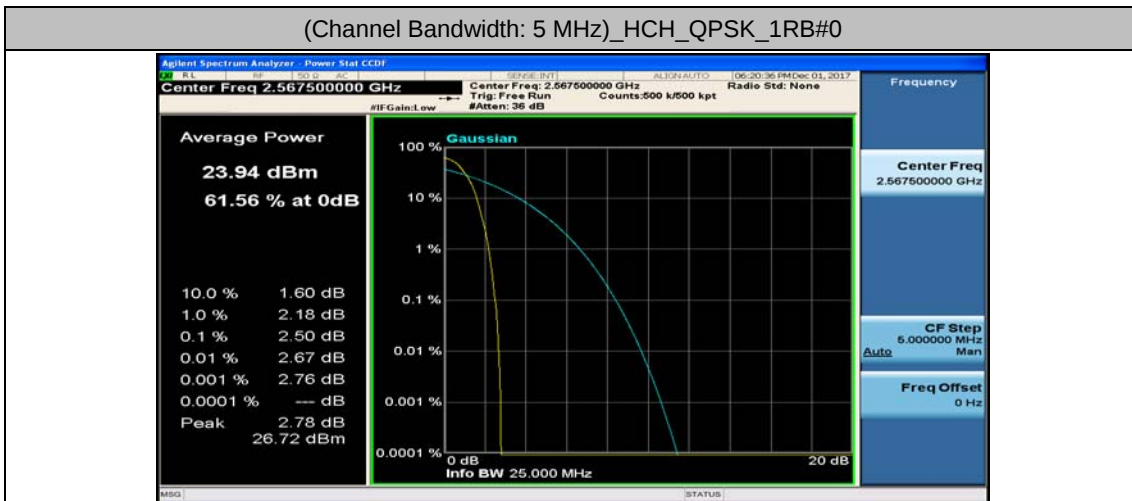
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



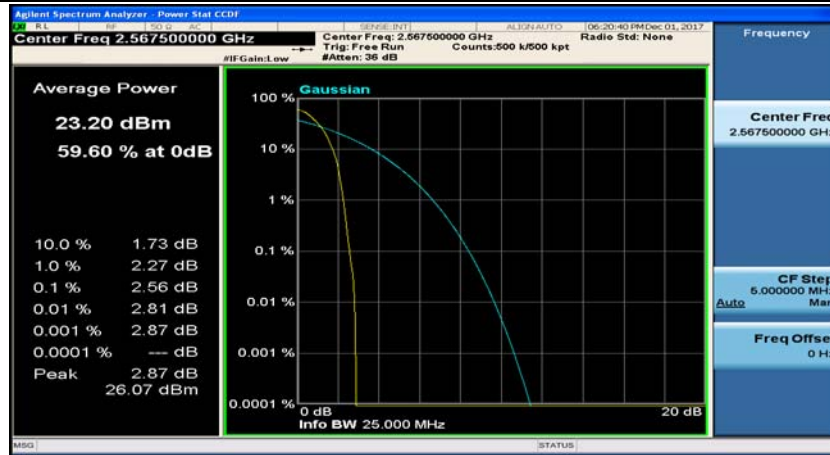
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



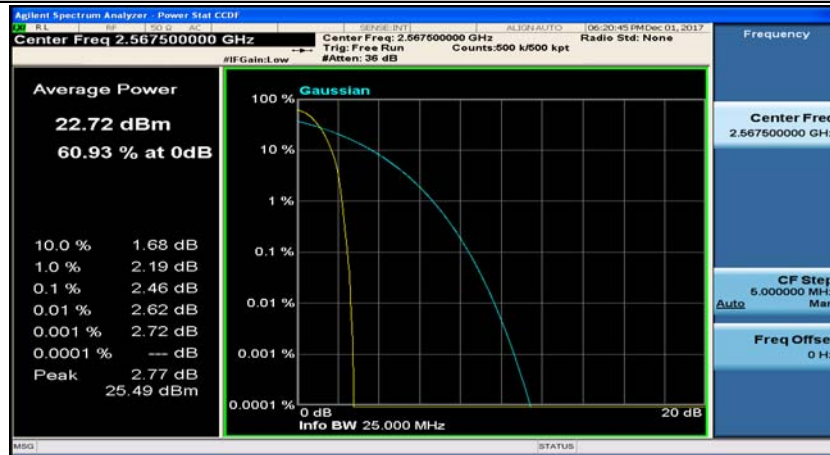
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



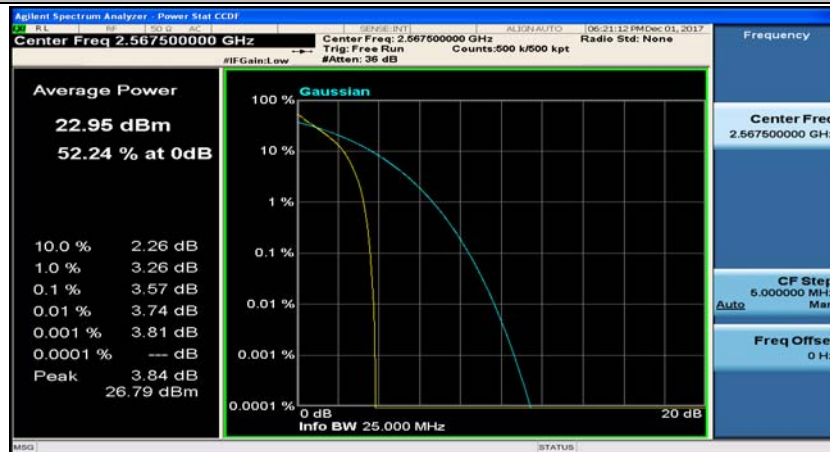
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



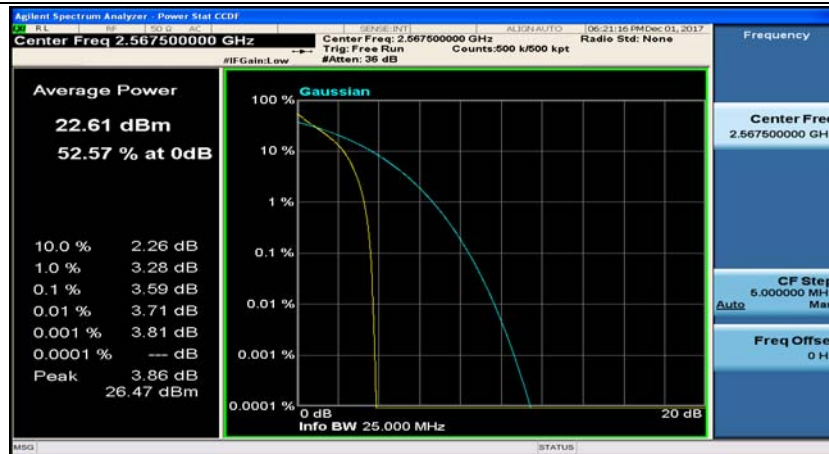
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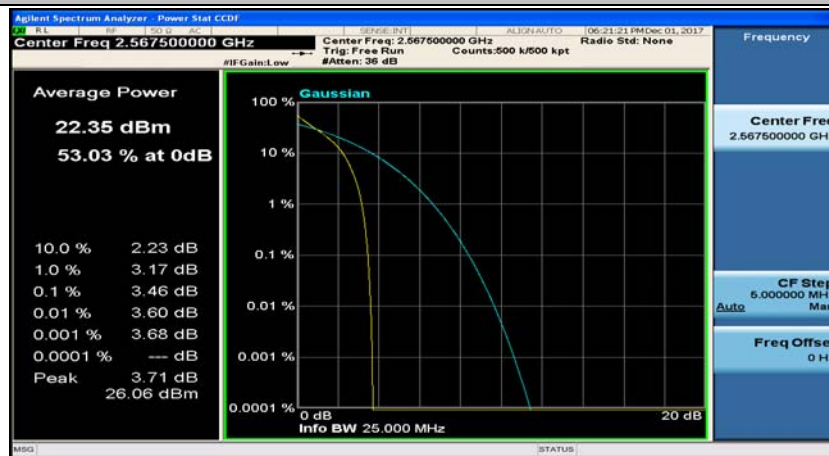
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



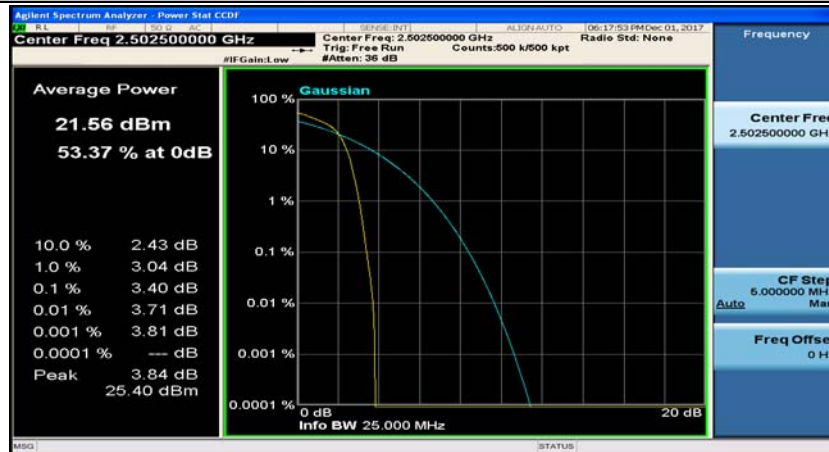
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



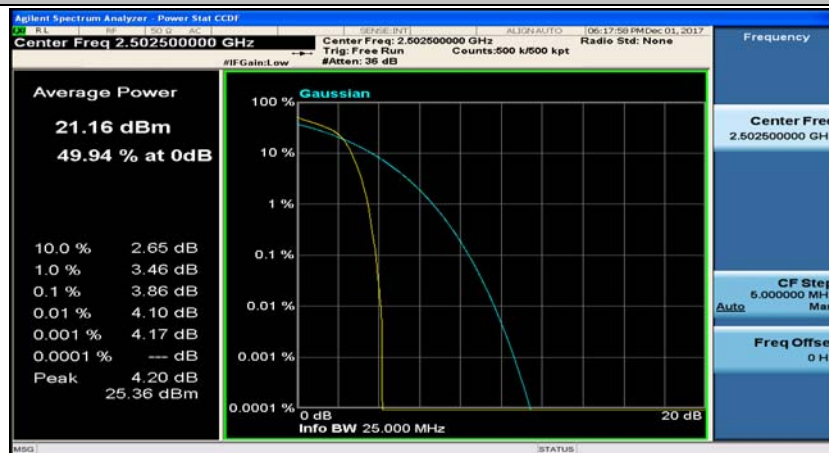
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



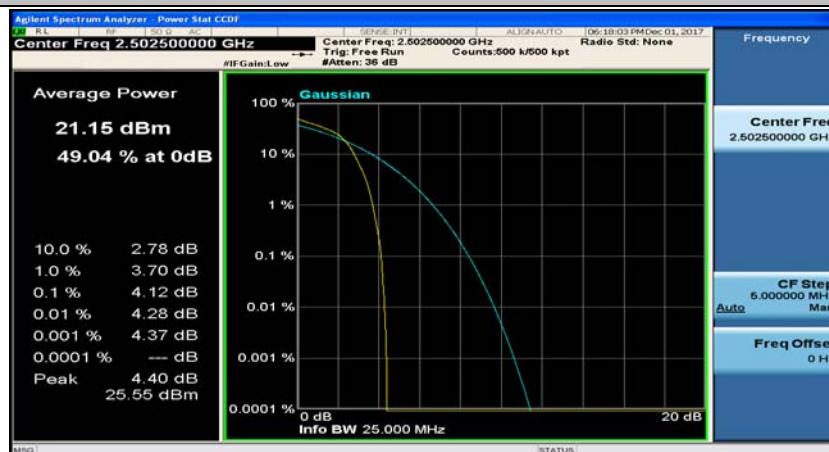
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



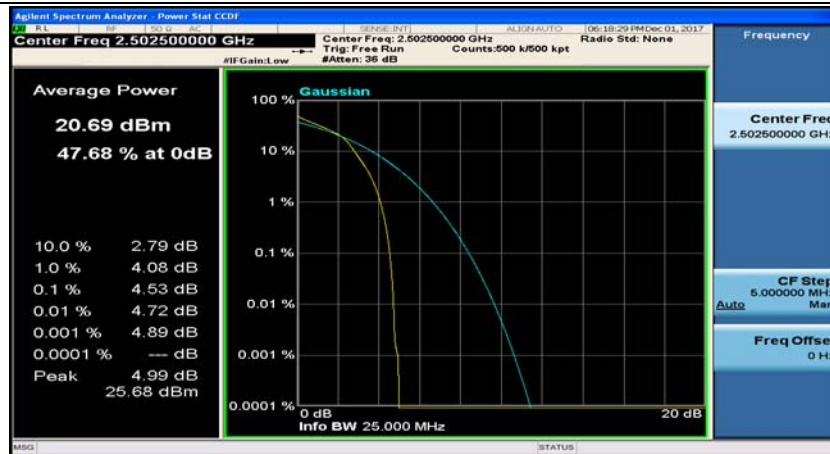
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



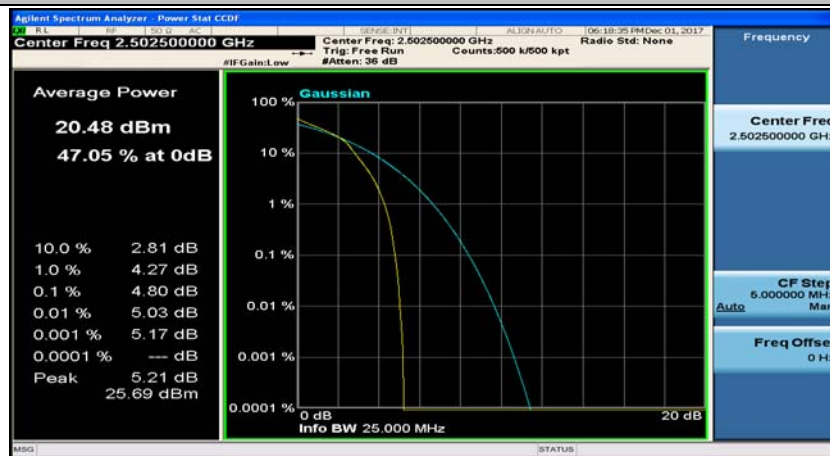
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



(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



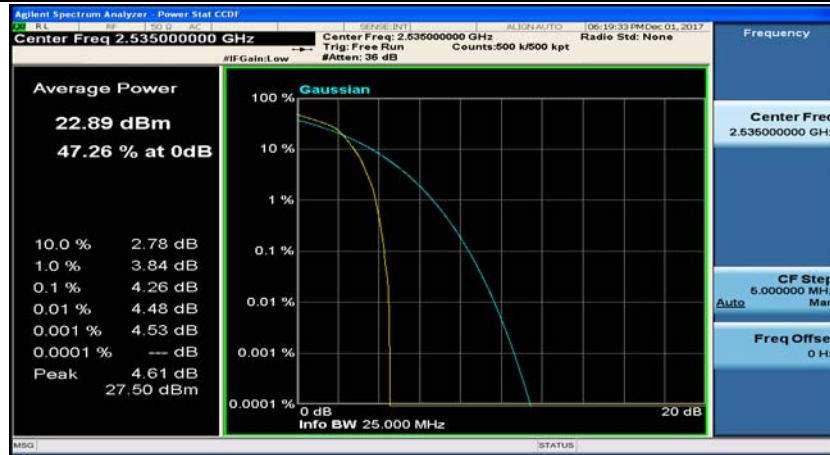
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



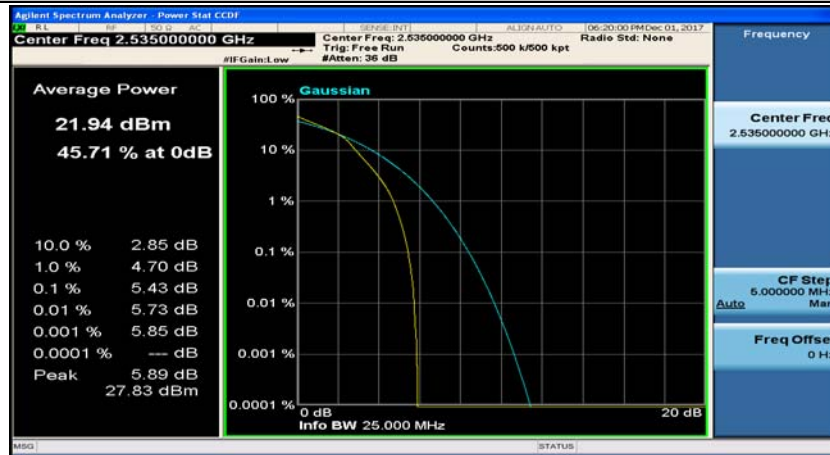
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



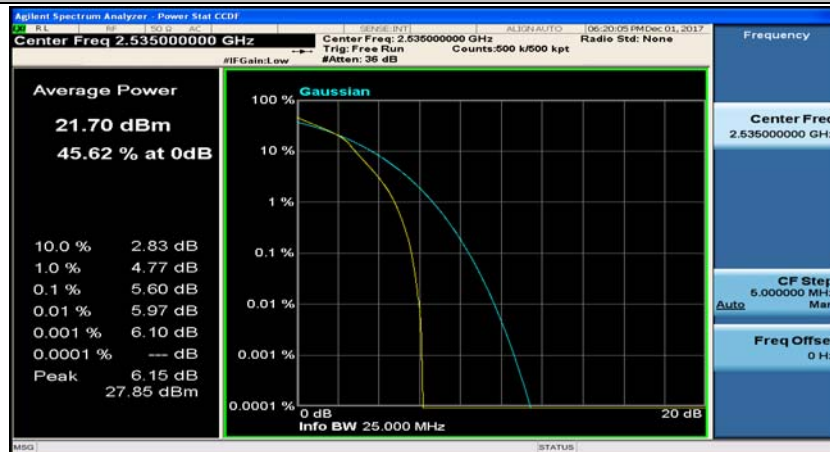
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



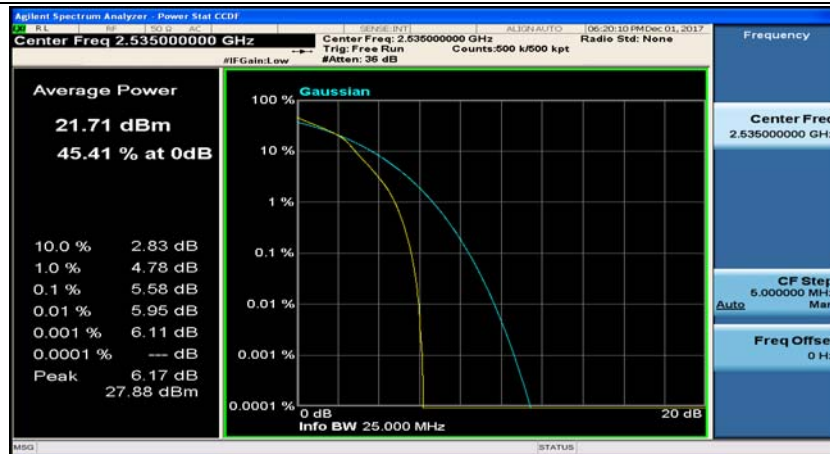
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



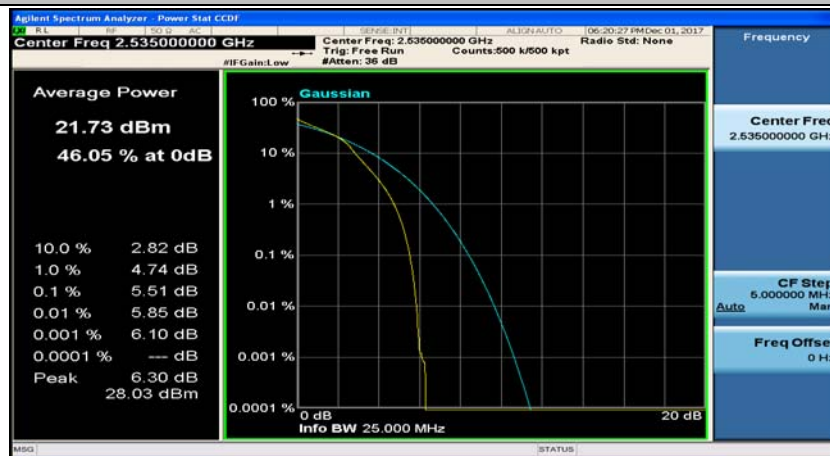
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



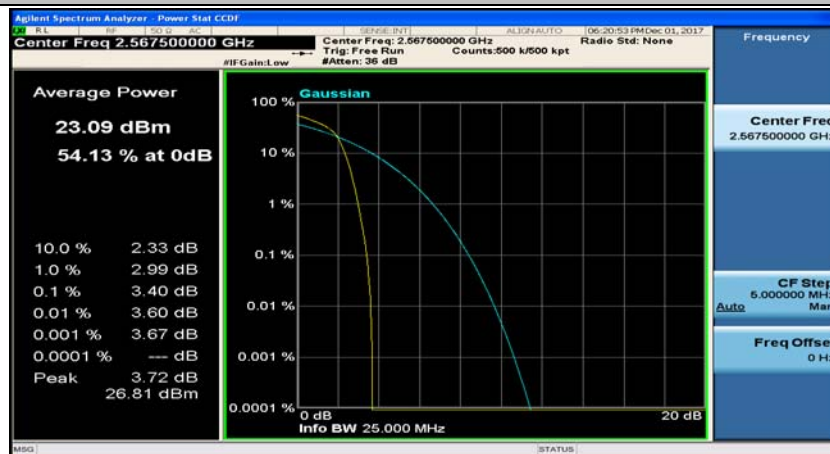
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



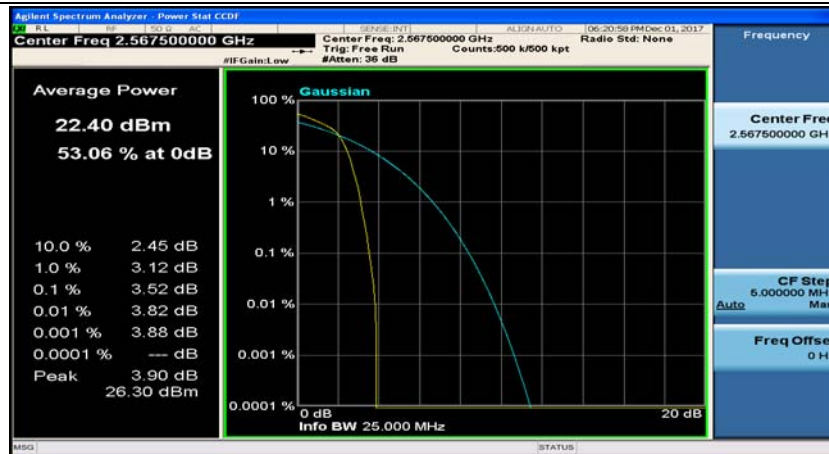
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



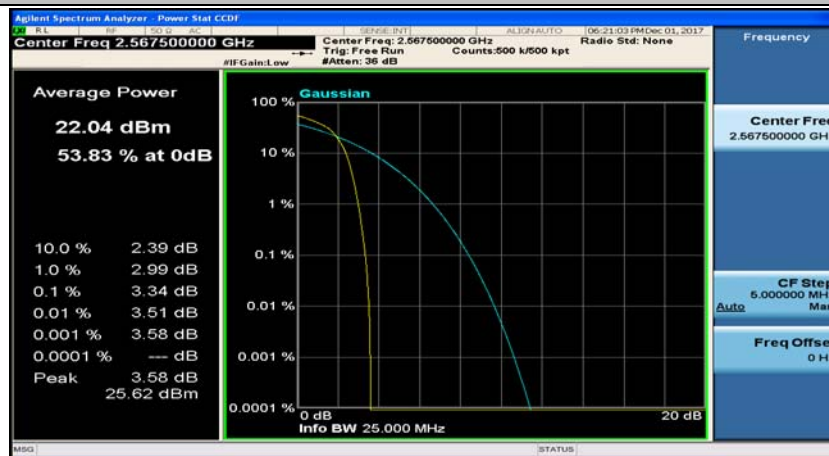
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



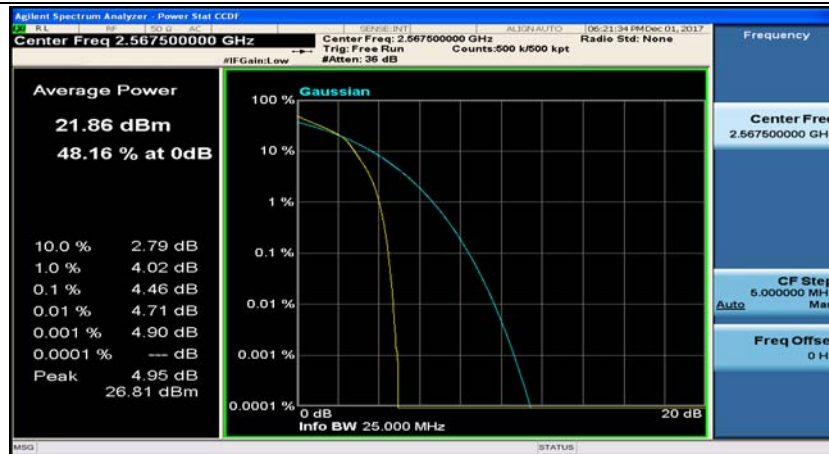
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



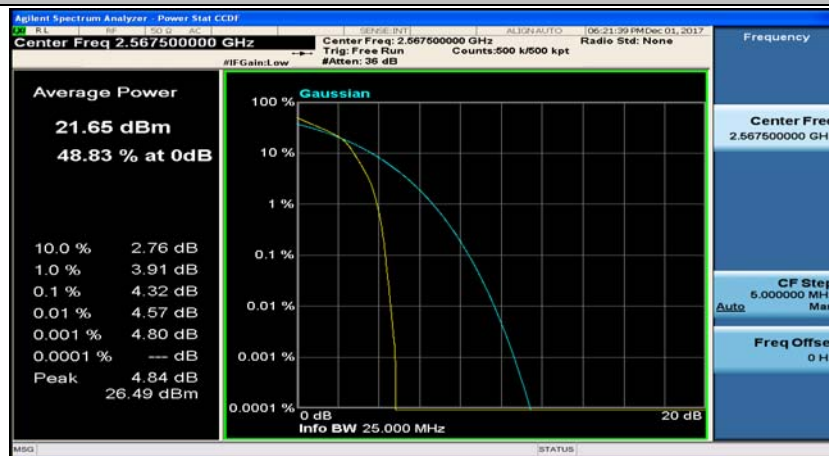
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



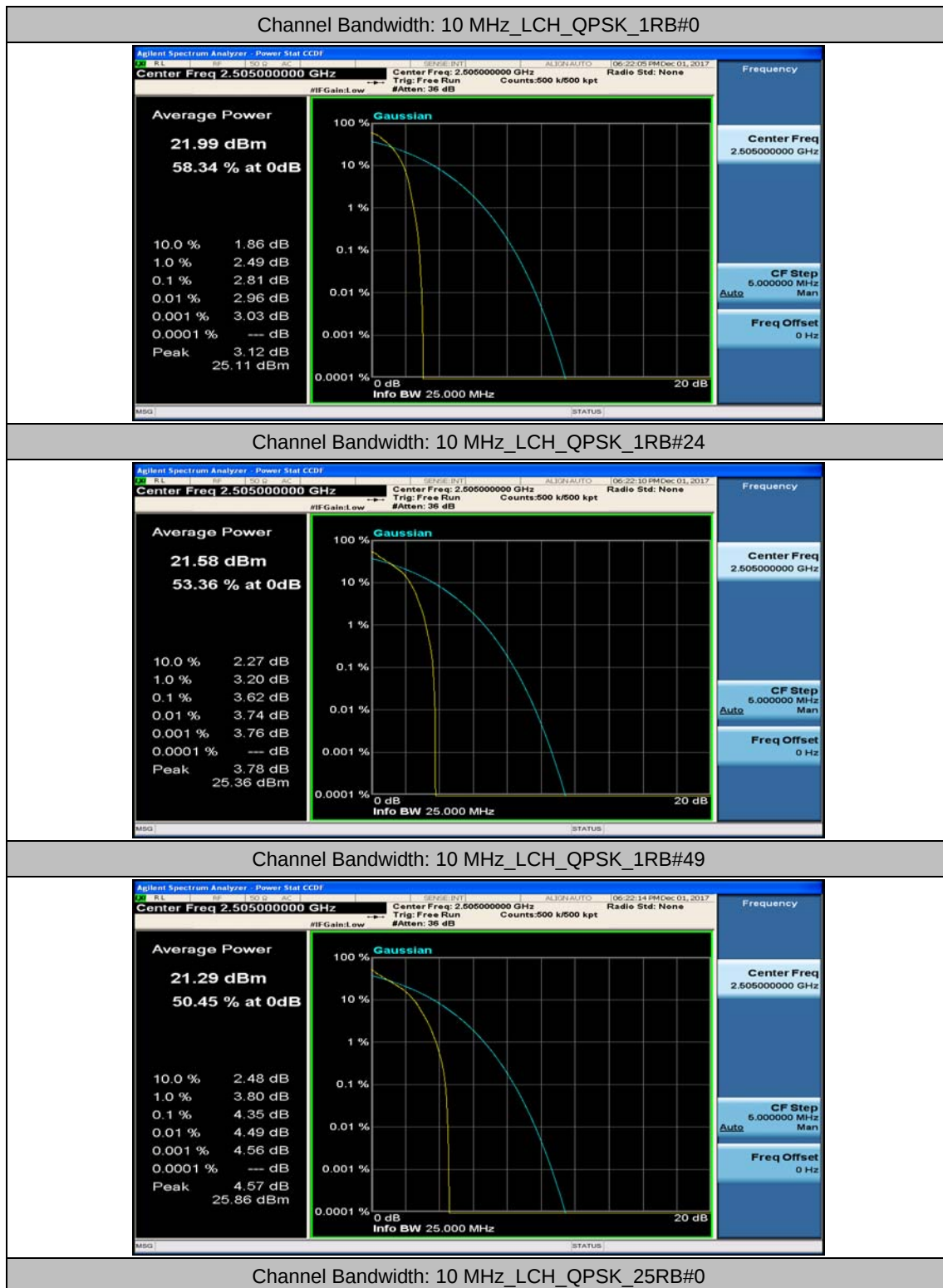
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

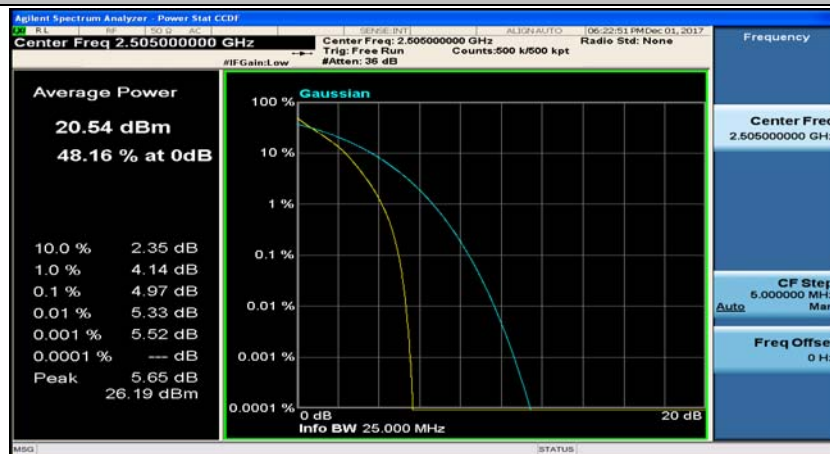
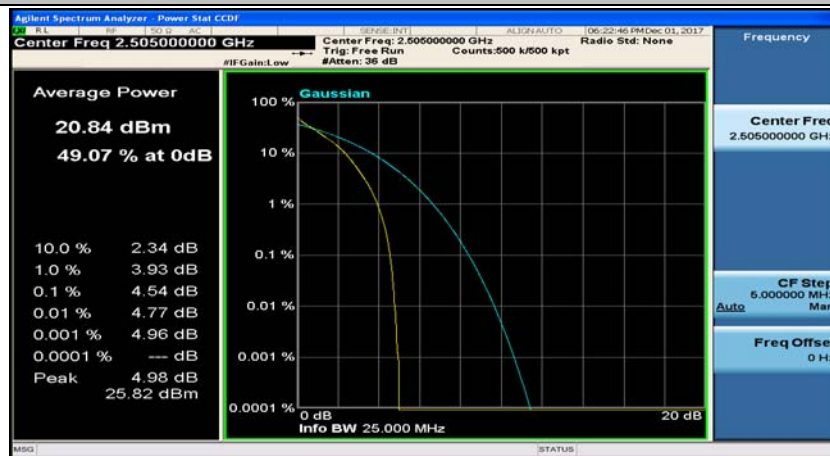
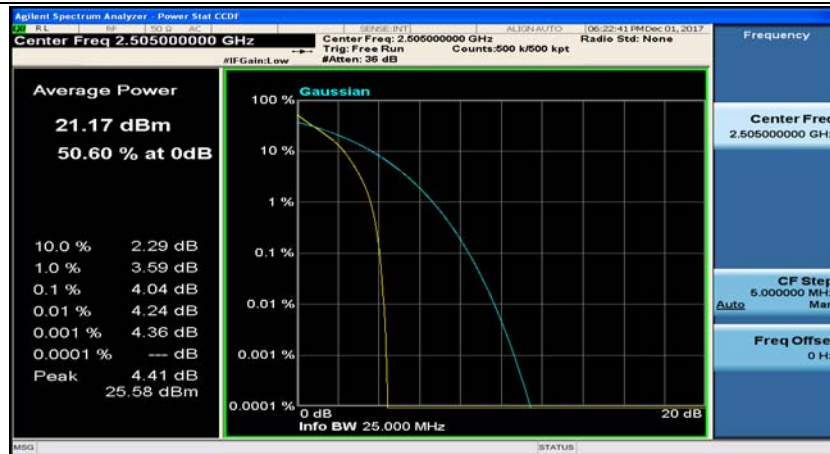


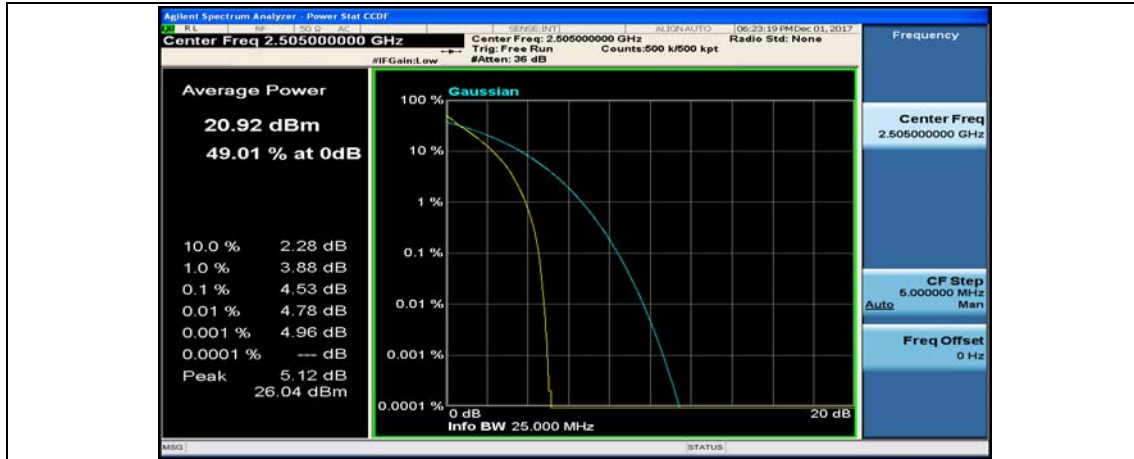
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz







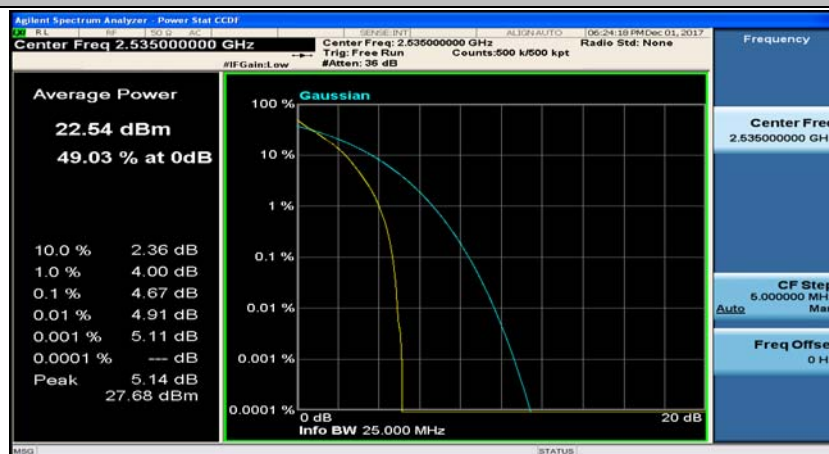
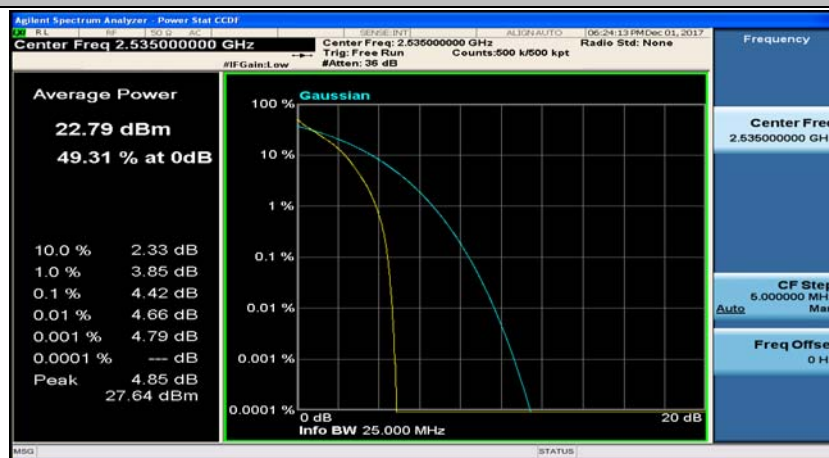
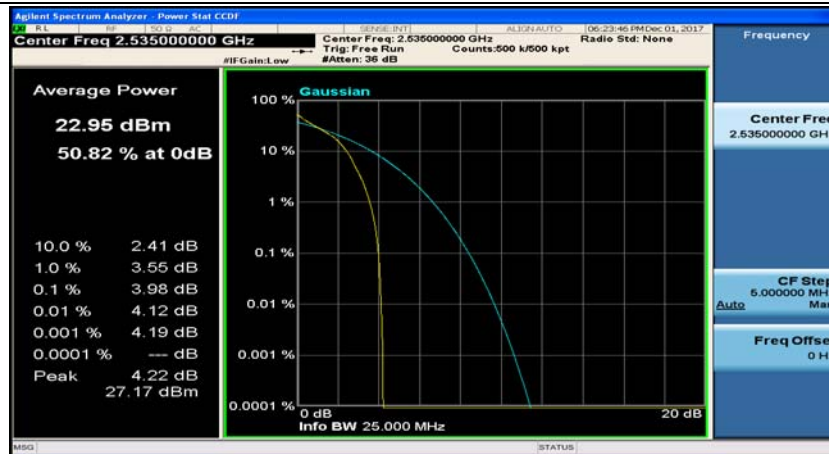
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

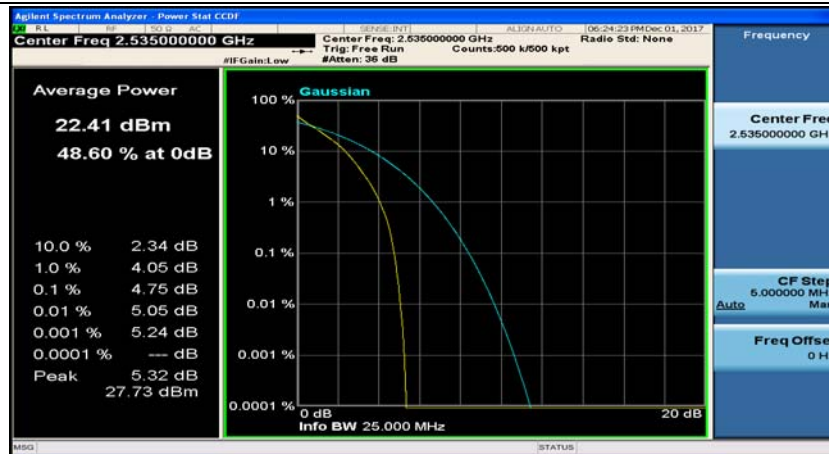


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

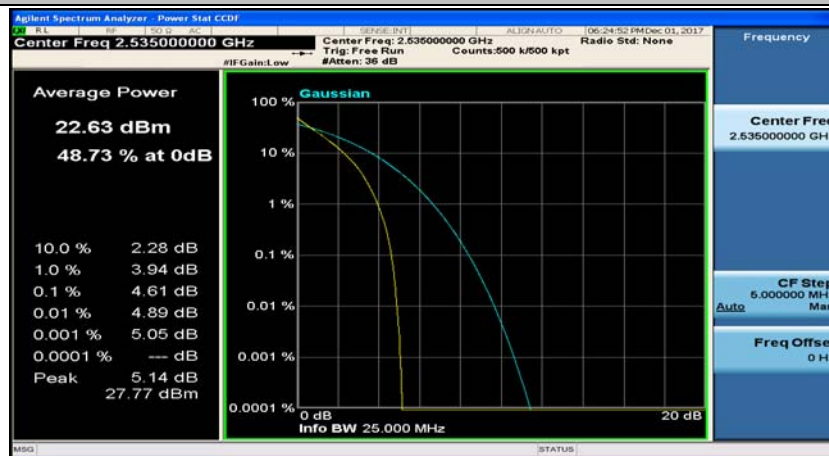


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

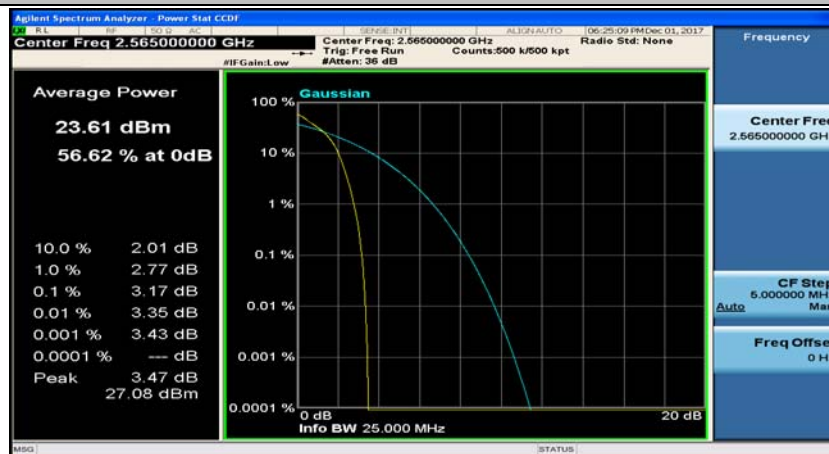




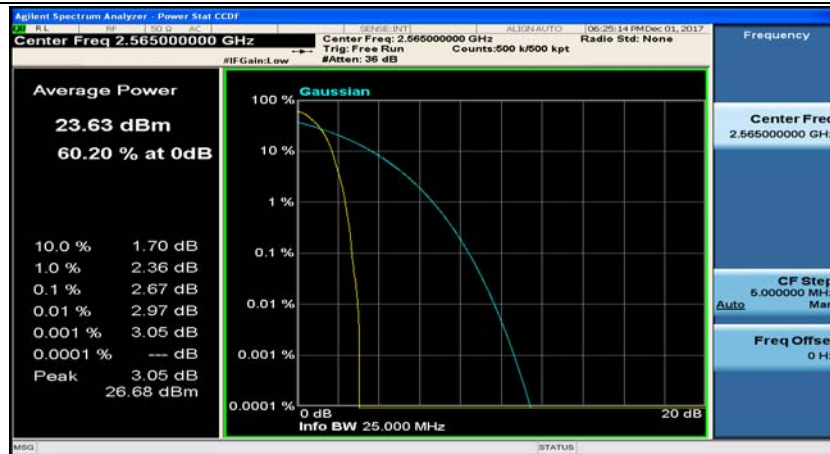
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



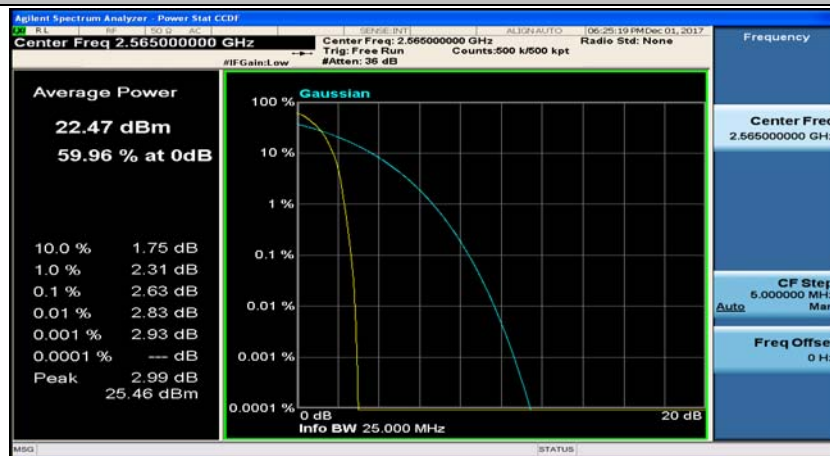
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



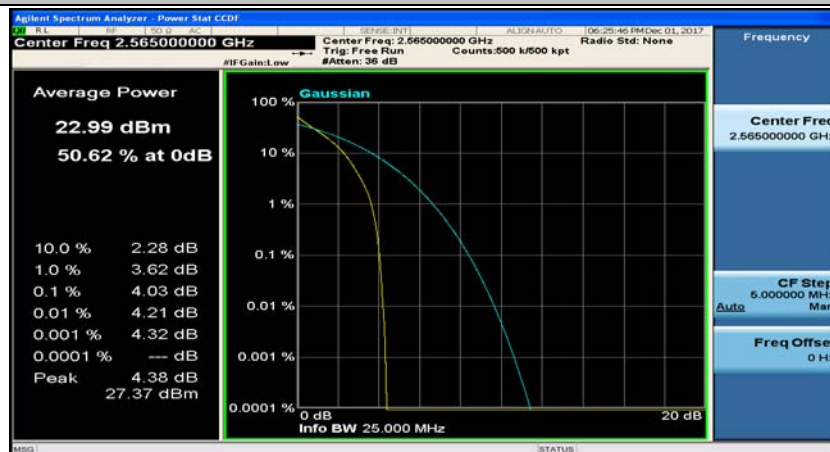
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



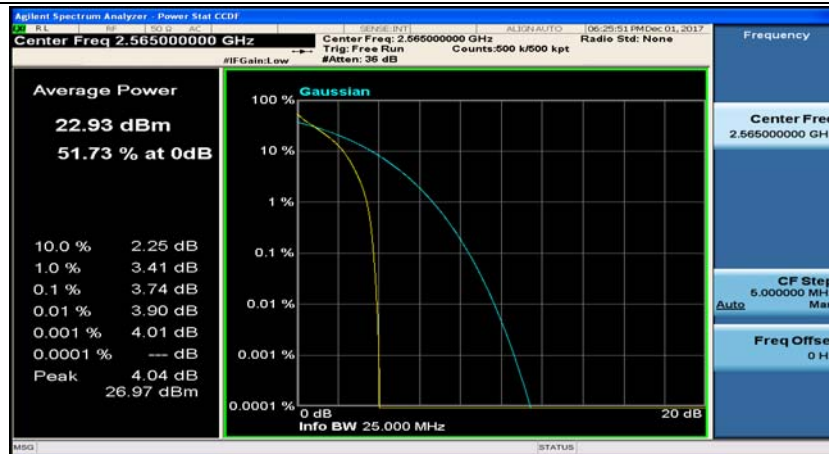
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



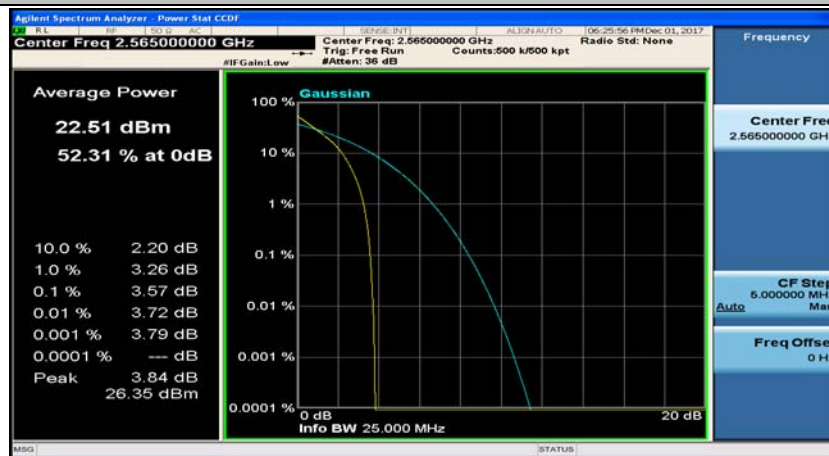
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



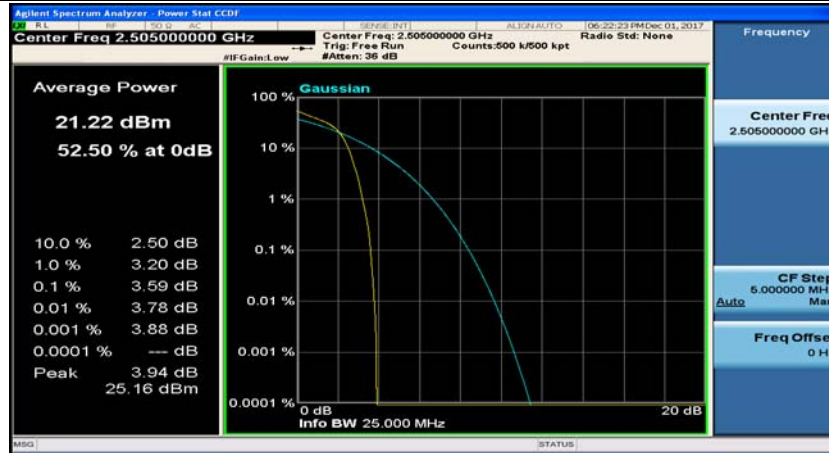
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25



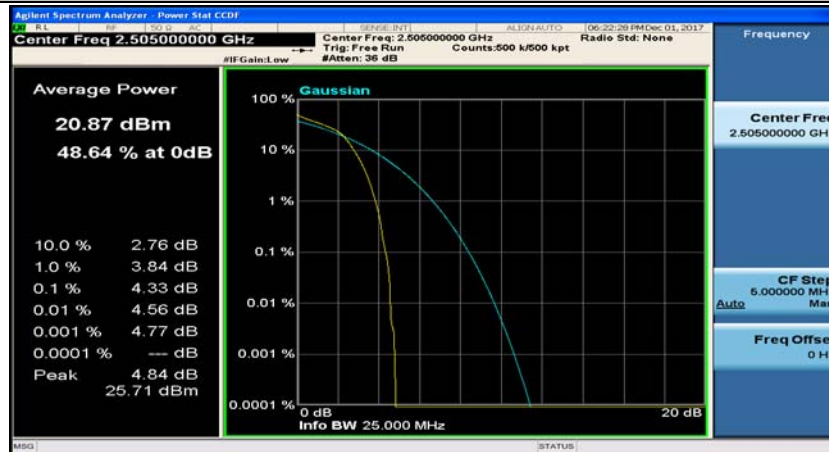
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



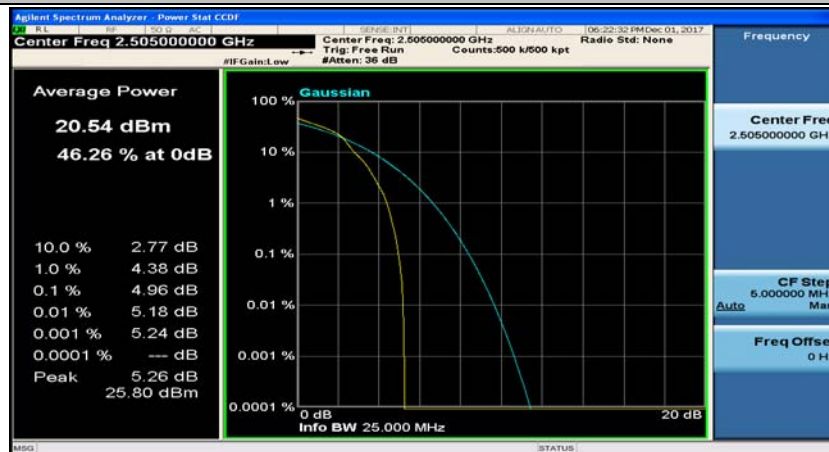
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



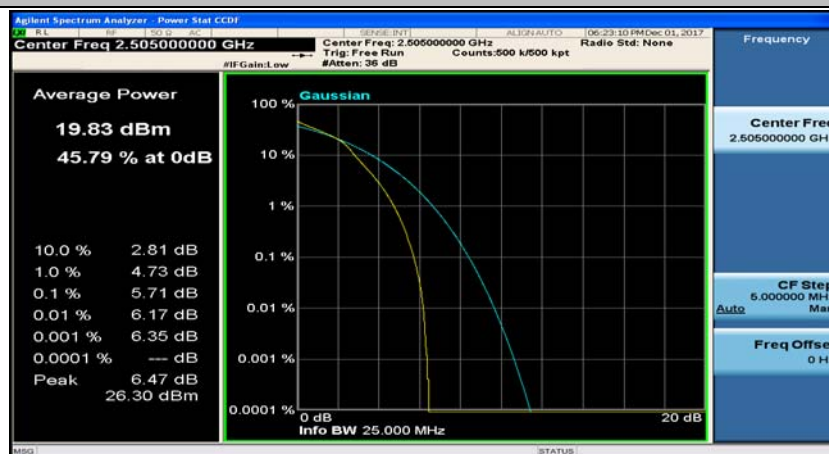
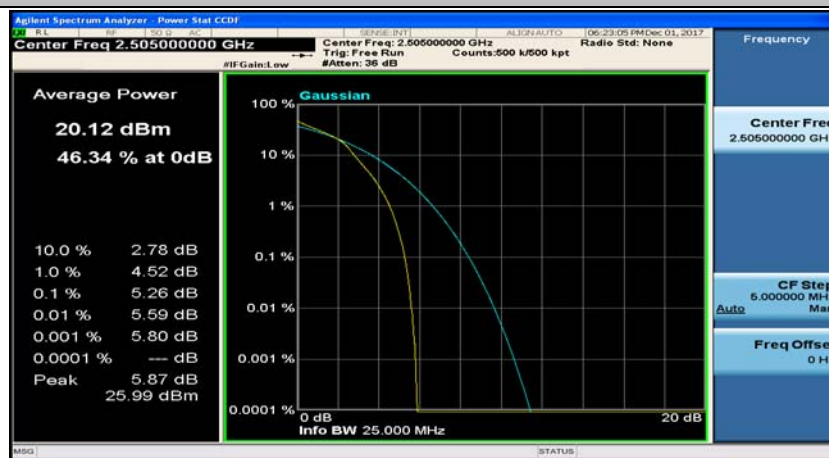
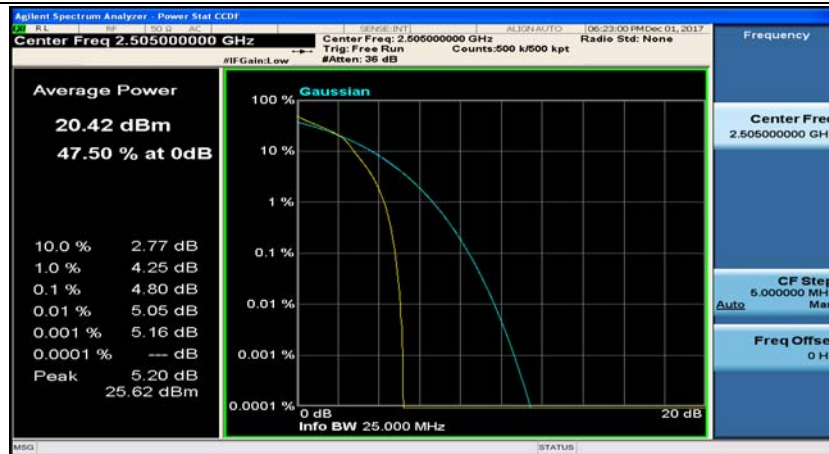
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0





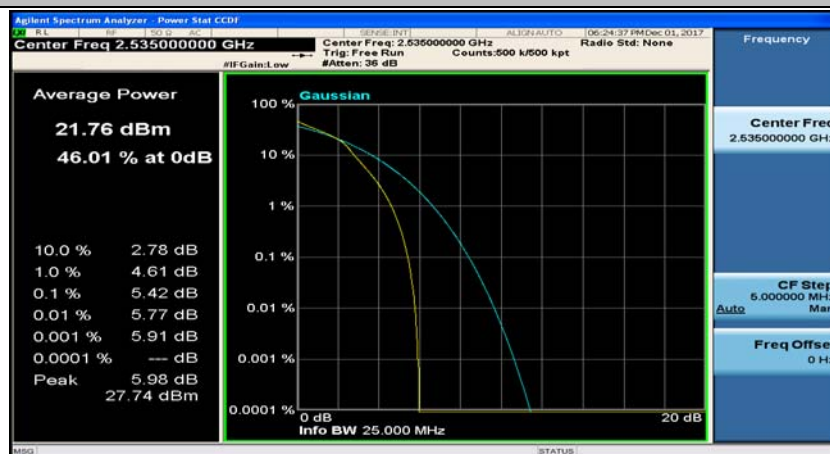
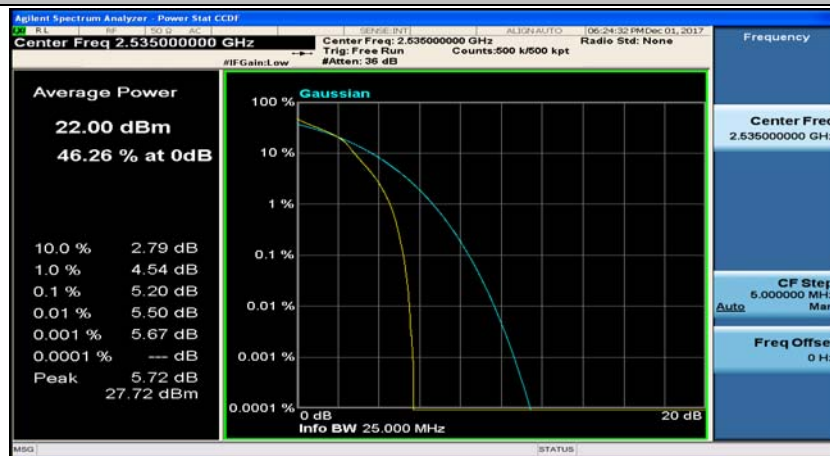
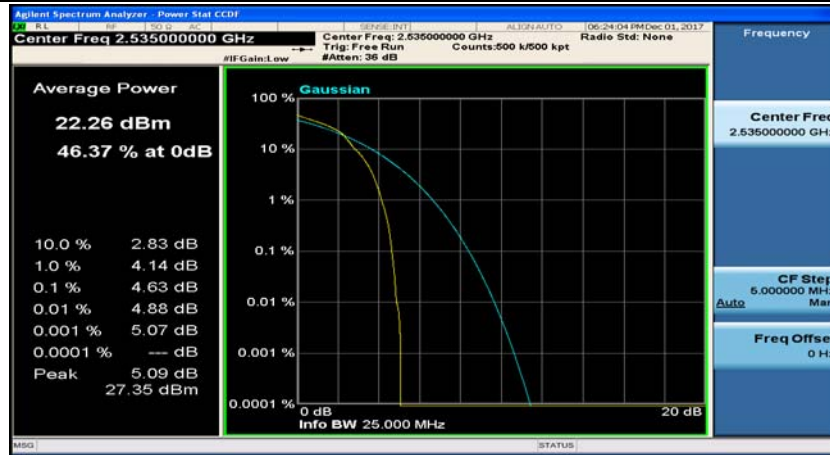
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

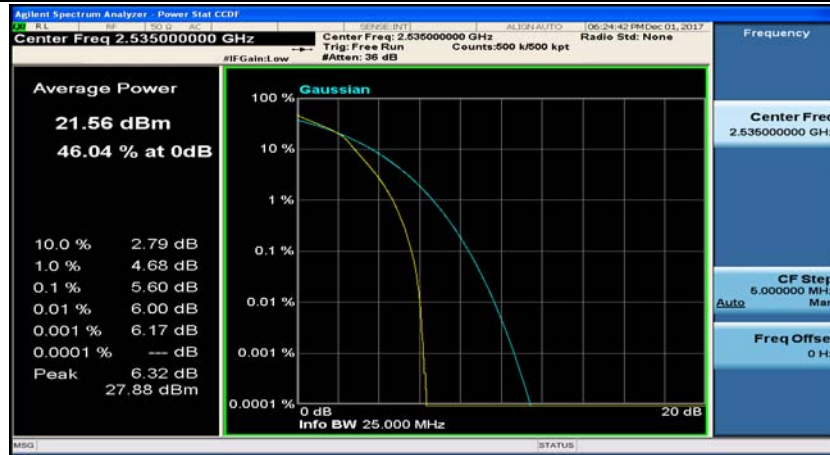


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

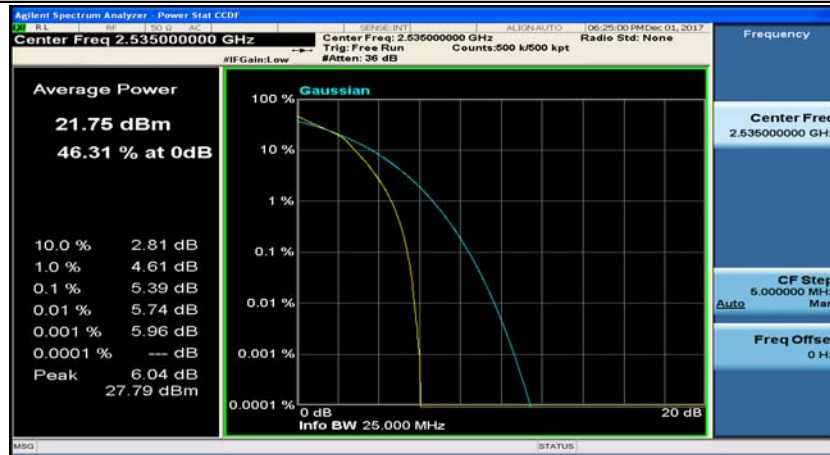


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

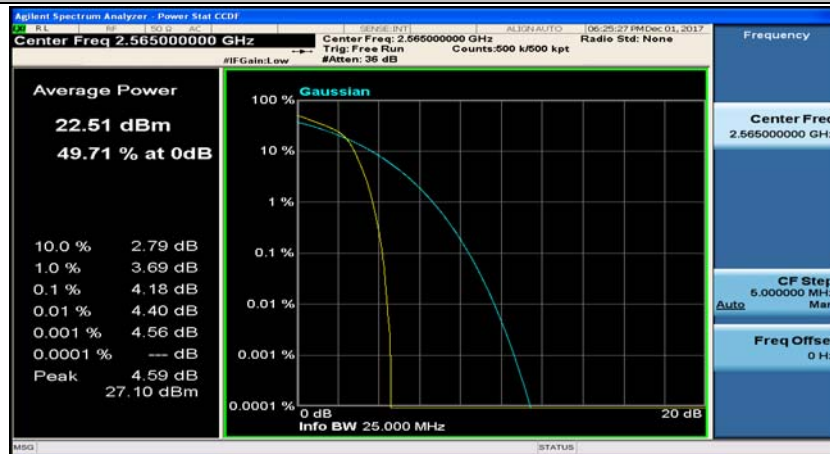




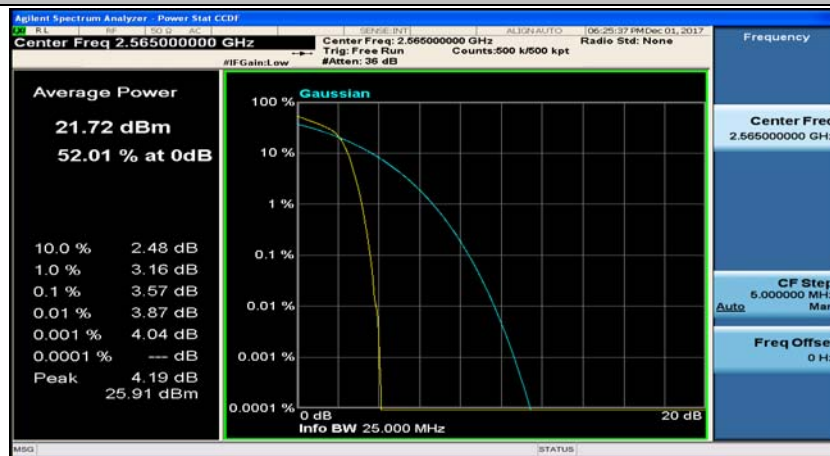
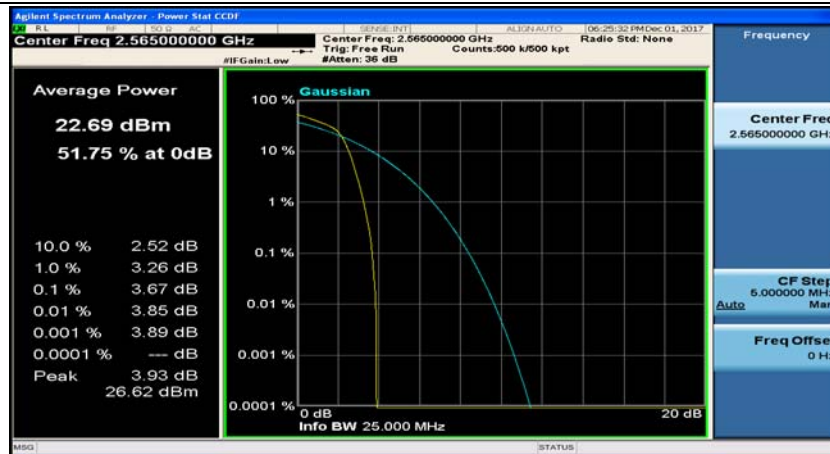
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

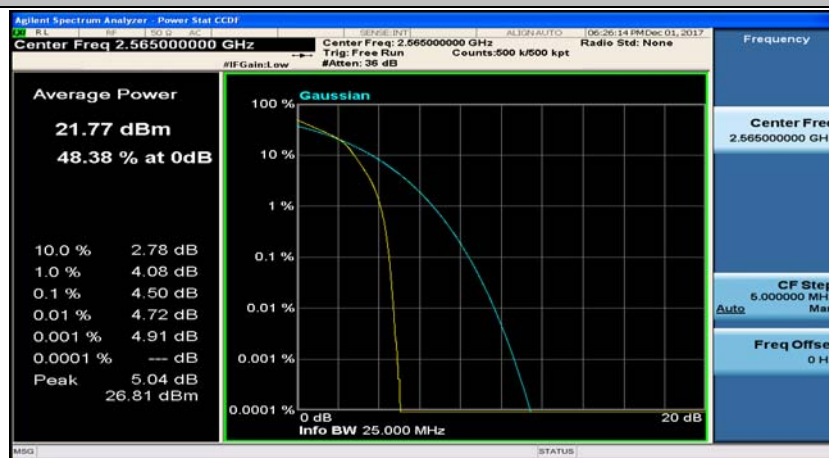
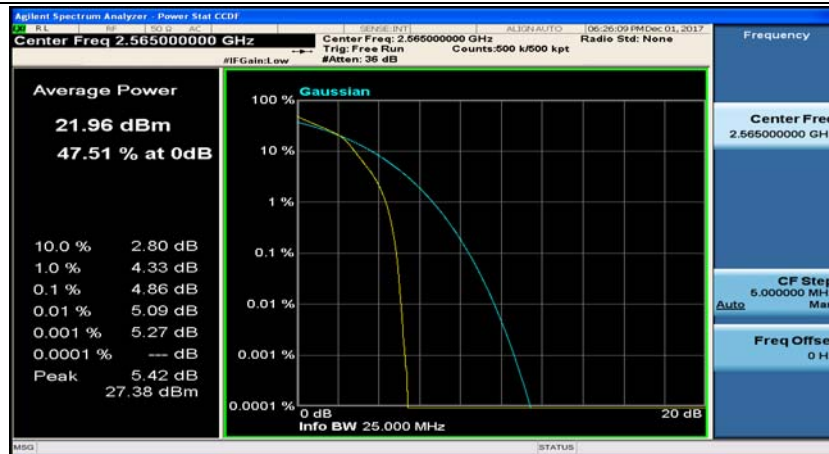


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



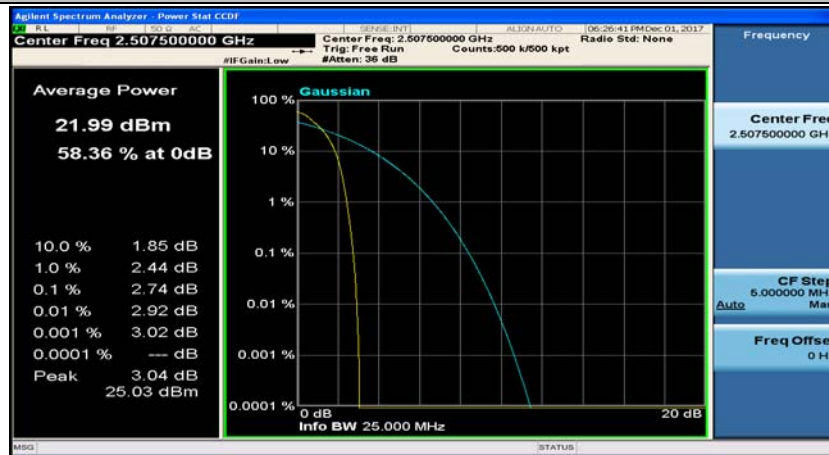
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



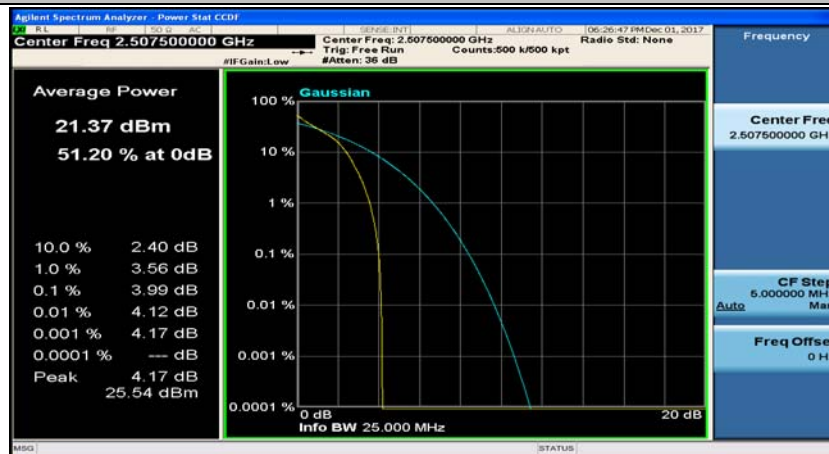


Channel Bandwidth: 15 MHz

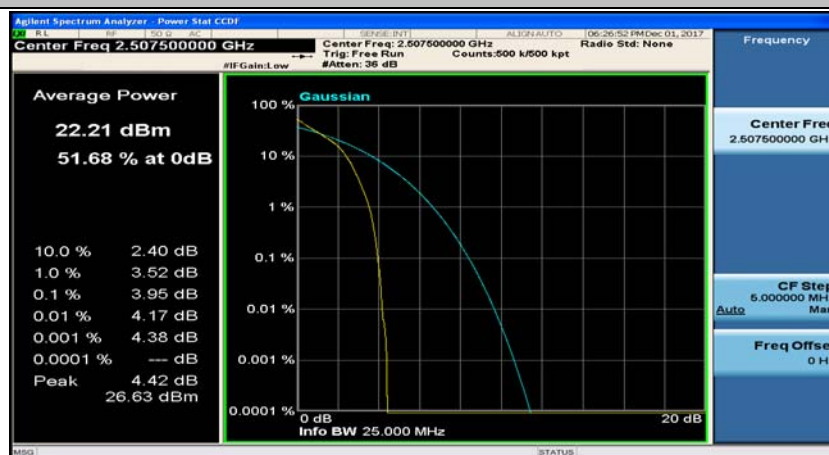
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0



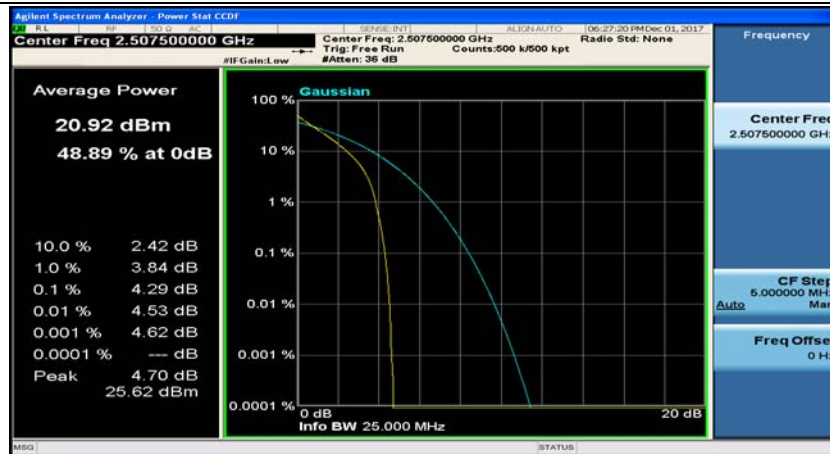
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#37



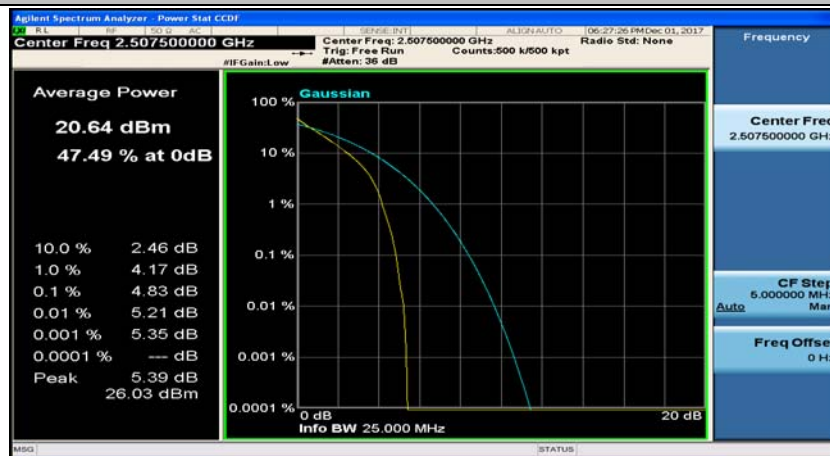
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#74



(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



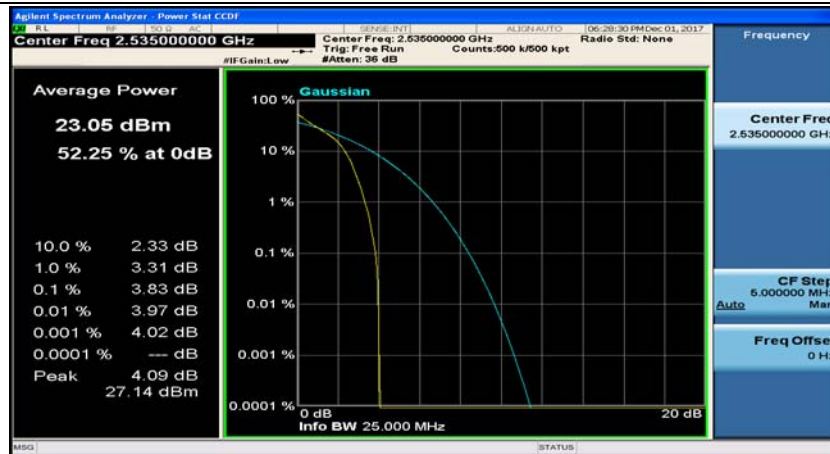
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



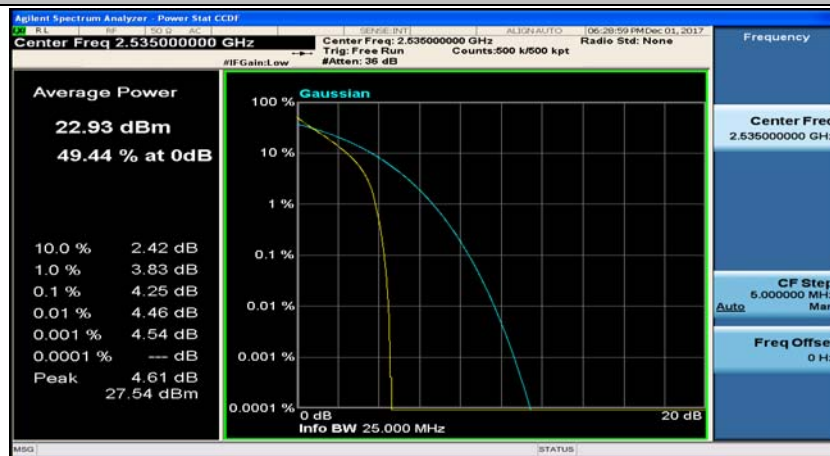
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37



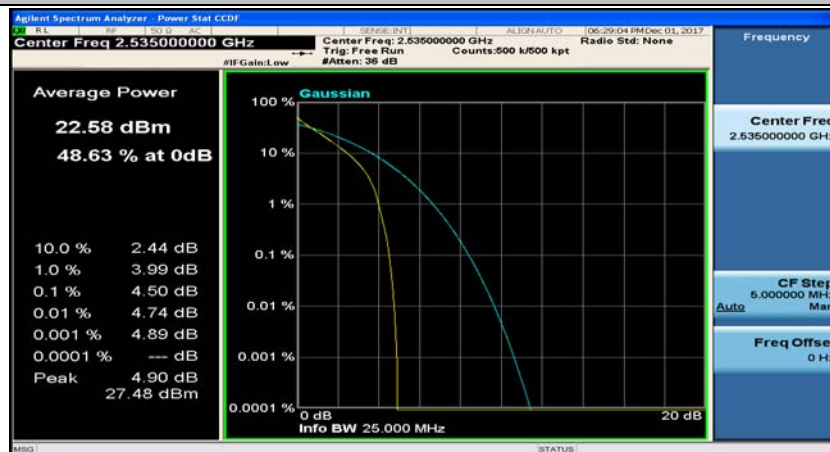
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74



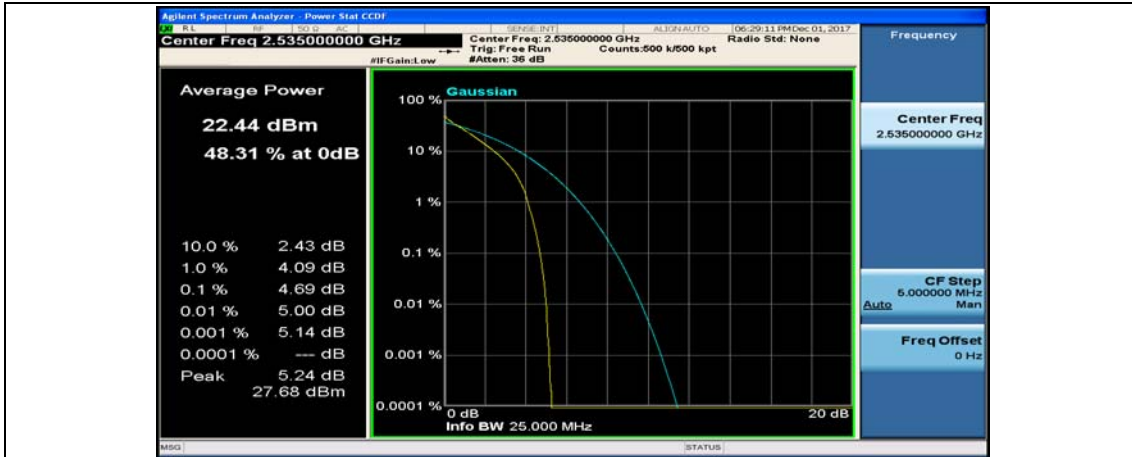
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18



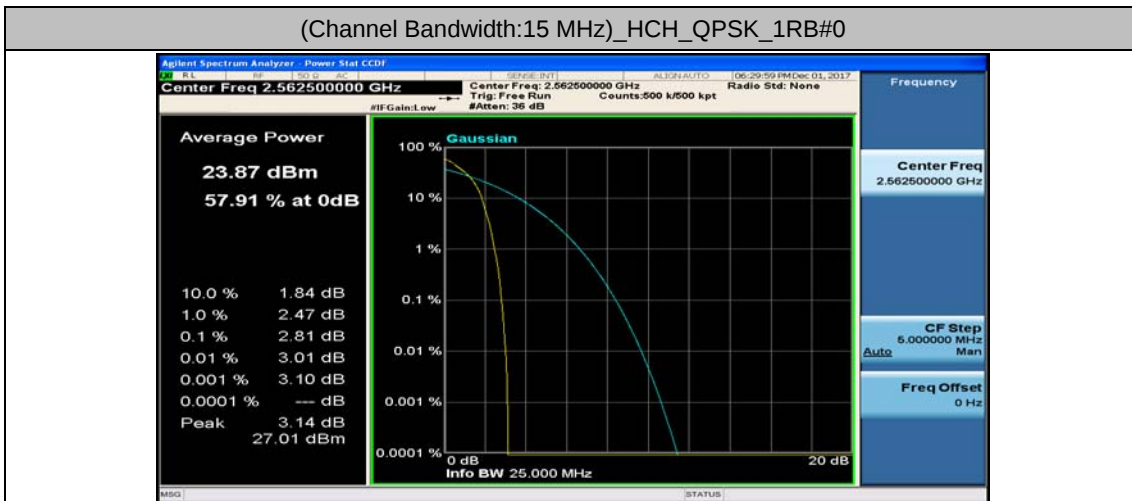
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38



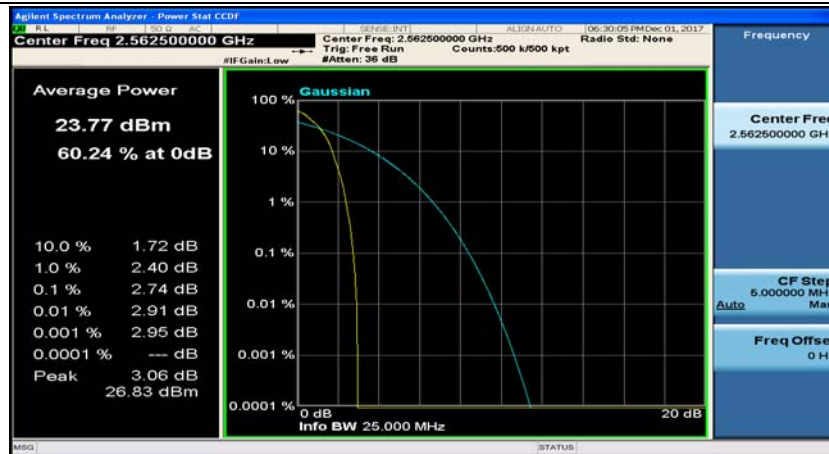
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



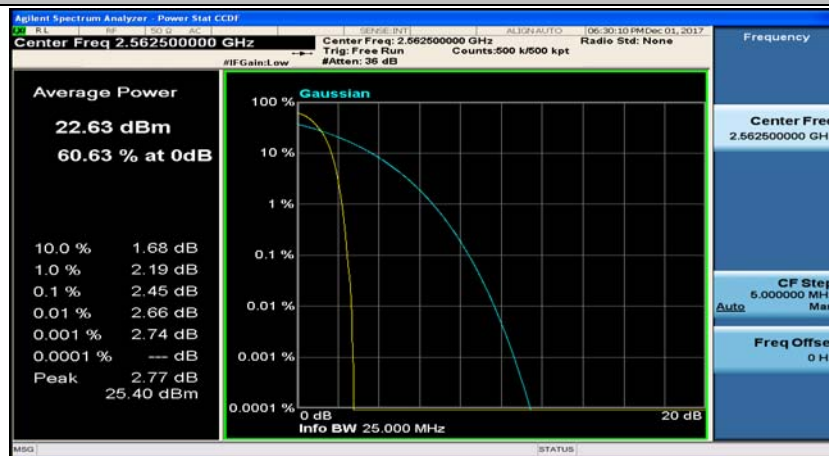
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37



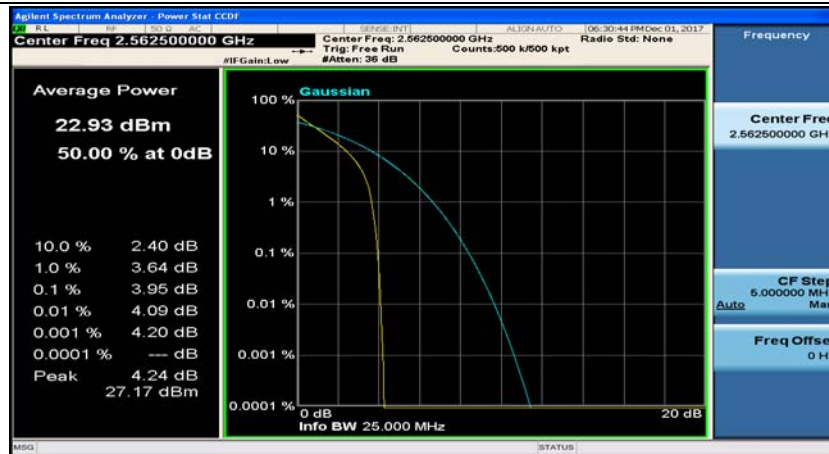
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



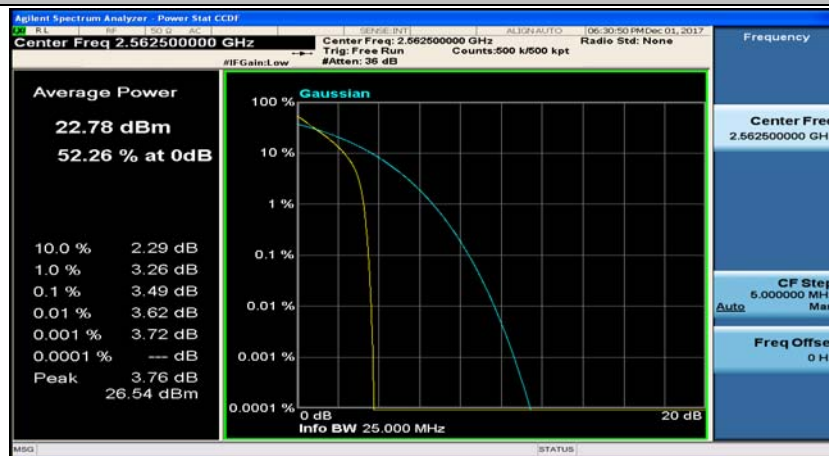
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18



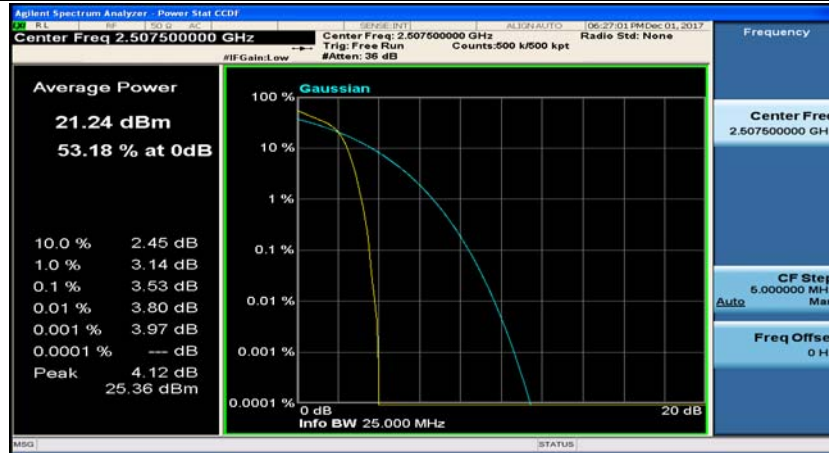
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38



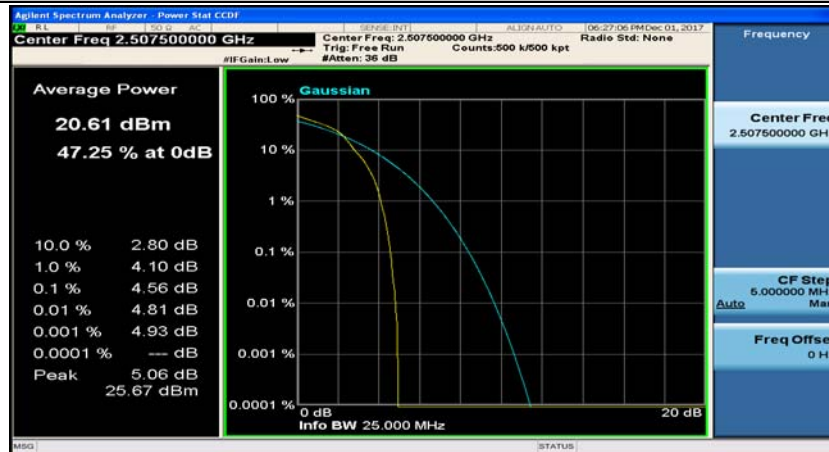
(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



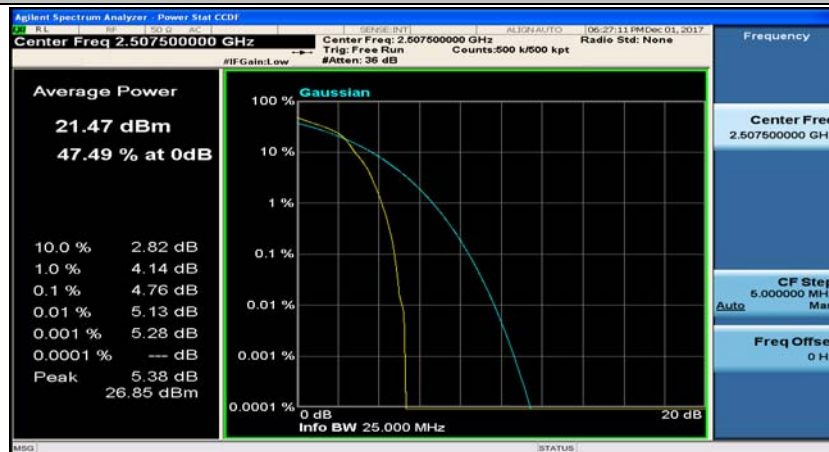
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



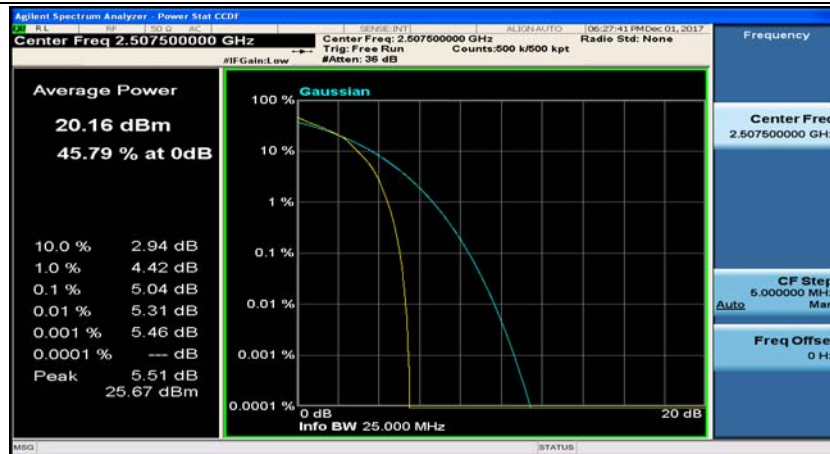
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37



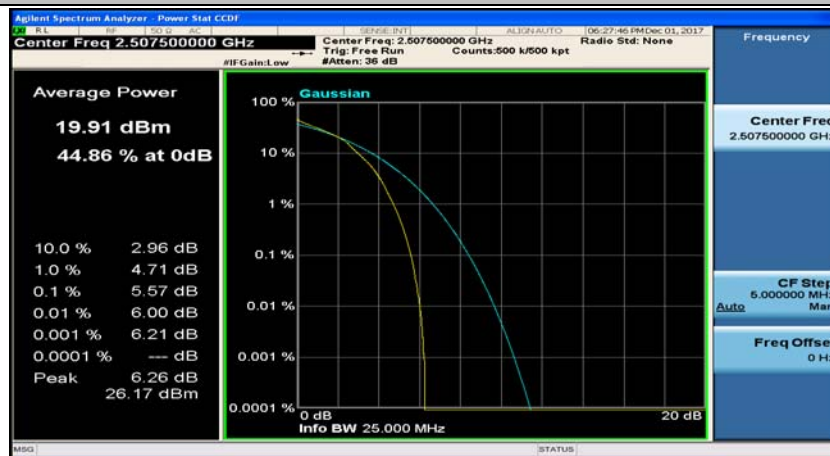
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#0



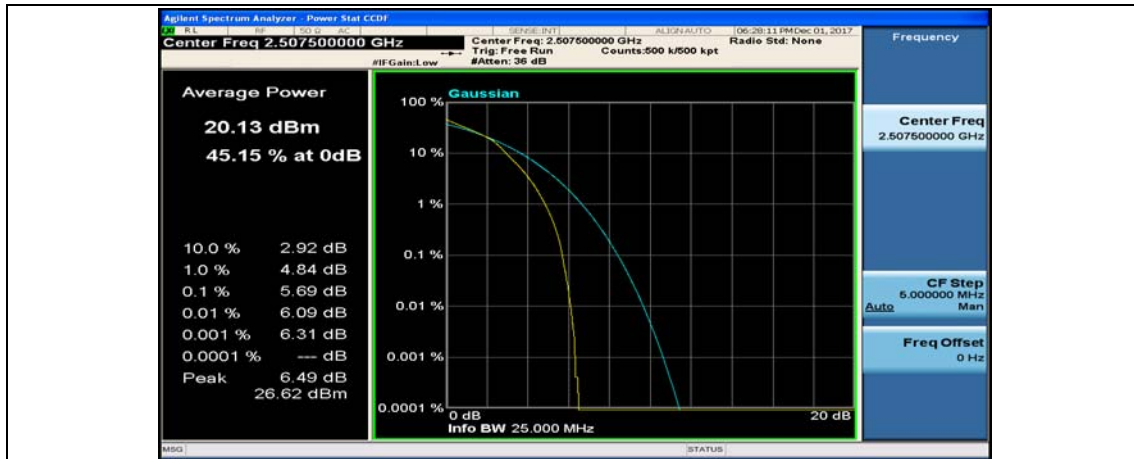
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18



(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