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	22.34	PASS
		1	12	22.67	PASS
		1	24	22.4	PASS
		12	0	21.49	PASS
		12	6	21.56	PASS
		12	13	21.51	PASS
		25	0	21.55	PASS
	MCH	1	0	22.92	PASS
		1	12	23.45	PASS
		1	24	23.15	PASS
		12	0	22	PASS
		12	6	22.06	PASS
		12	13	22.04	PASS
		25	0	22.02	PASS
	HCH	1	0	23.15	PASS
		1	12	23.42	PASS
		1	24	23.01	PASS
		12	0	22.17	PASS
		12	6	22.2	PASS
		12	13	22.11	PASS
		25	0	22.16	PASS
16QAM	LCH	1	0	21.64	PASS
		1	12	22.02	PASS
		1	24	21.68	PASS
		12	0	20.57	PASS
		12	6	20.63	PASS
		12	13	20.56	PASS
		25	0	20.51	PASS
	MCH	1	0	21.93	PASS
		1	12	22.44	PASS
		1	24	22.22	PASS

		12	0	21.04	PASS
		12	6	21.14	PASS
		12	13	21.1	PASS
		25	0	20.98	PASS
	HCH	1	0	22.3	PASS
		1	12	22.54	PASS
		1	24	22.17	PASS
		12	0	21.17	PASS
		12	6	21.19	PASS
		12	13	21.07	PASS
		25	0	21.15	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.77	PASS
		1	24	22.87	PASS
		1	49	22.57	PASS
		25	0	21.91	PASS
		25	12	21.91	PASS
		25	25	21.85	PASS
		50	0	21.86	PASS
	MCH	1	0	22.68	PASS
		1	24	23.13	PASS
		1	49	23.19	PASS
		25	0	22.05	PASS
		25	12	22.08	PASS
		25	25	22.14	PASS
		50	0	22.09	PASS
	HCH	1	0	23.35	PASS
		1	24	23.32	PASS
		1	49	23.06	PASS
		25	0	22.4	PASS
		25	12	22.29	PASS
		25	25	22.24	PASS
		50	0	22.28	PASS
16QAM	LCH	1	0	22.06	PASS
		1	24	22.18	PASS
		1	49	21.89	PASS
		25	0	20.88	PASS
		25	12	20.84	PASS
		25	25	20.86	PASS

		50	0	20.82	PASS
	MCH	1	0	22.03	PASS
		1	24	22.38	PASS
		1	49	22.56	PASS
		25	0	21.02	PASS
		25	12	21.05	PASS
		25	25	21.11	PASS
		50	0	21.02	PASS
	HCH	1	0	22.56	PASS
		1	24	22.51	PASS
		1	49	22.21	PASS
		25	0	21.37	PASS
		25	12	21.27	PASS
		25	25	21.17	PASS
		50	0	21.25	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.72	PASS
		1	37	22.84	PASS
		1	74	22.38	PASS
		37	0	21.93	PASS
		37	18	21.88	PASS
		37	38	21.76	PASS
		75	0	21.86	PASS
	MCH	1	0	22.47	PASS
		1	37	23.34	PASS
		1	74	23.33	PASS
		37	0	21.98	PASS
		37	18	22.31	PASS
		37	38	22.47	PASS
		75	0	22.23	PASS
	HCH	1	0	23.46	PASS
		1	37	23.47	PASS
		1	74	22.98	PASS
		37	0	22.65	PASS
		37	18	22.6	PASS
		37	38	22.41	PASS
		75	0	22.59	PASS
16QAM	LCH	1	0	21.99	PASS
		1	37	22.14	PASS

		1	74	21.7	PASS
		37	0	20.85	PASS
		37	18	20.83	PASS
		37	38	20.71	PASS
		75	0	20.78	PASS
	MCH	1	0	21.79	PASS
		1	37	22.38	PASS
		1	74	22.61	PASS
		37	0	20.94	PASS
		37	18	21.19	PASS
		37	38	21.3	PASS
		75	0	21.06	PASS
	HCH	1	0	22.63	PASS
		1	37	22.69	PASS
		1	74	22.15	PASS
		37	0	21.57	PASS
		37	18	21.47	PASS
		37	38	21.29	PASS
		75	0	21.47	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.15	PASS
		1	49	23.28	PASS
		1	99	22.22	PASS
		50	0	21.76	PASS
		50	25	21.71	PASS
		50	50	21.57	PASS
		100	0	21.64	PASS
	MCH	1	0	22.27	PASS
		1	49	23.29	PASS
		1	99	23.24	PASS
		50	0	21.84	PASS
		50	25	22.07	PASS
		50	50	22.18	PASS
		100	0	21.97	PASS
	HCH	1	0	23.31	PASS
		1	49	23.75	PASS
		1	99	22.69	PASS
		50	0	22.7	PASS
		50	25	22.46	PASS

		50	50	22.27	PASS
		100	0	22.39	PASS
16QAM	LCH	1	0	21.84	PASS
		1	49	22.07	PASS
		1	99	21.45	PASS
		50	0	20.7	PASS
		50	25	20.68	PASS
		50	50	20.5	PASS
		100	0	20.56	PASS
	MCH	1	0	21.71	PASS
		1	49	22.43	PASS
		1	99	22.66	PASS
		50	0	20.82	PASS
		50	25	21.09	PASS
		50	50	21.17	PASS
		100	0	20.93	PASS
	HCH	1	0	22.57	PASS
		1	49	22.71	PASS
		1	99	21.99	PASS
		50	0	21.47	PASS
		50	25	21.45	PASS
		50	50	21.23	PASS
		100	0	21.36	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	4.06	<13	PASS
		1	12	3.72	<13	PASS
		1	24	3.89	<13	PASS
		12	0	4.74	<13	PASS
		12	6	4.63	<13	PASS
		12	13	4.71	<13	PASS
		25	0	4.7	<13	PASS
	MCH	1	0	3.55	<13	PASS
		1	12	3.18	<13	PASS
		1	24	3.16	<13	PASS
		12	0	4.3	<13	PASS
		12	6	4.21	<13	PASS
		12	13	4.15	<13	PASS
		25	0	4.28	<13	PASS
	HCH	1	0	2.7	<13	PASS
		1	12	2.3	<13	PASS
		1	24	2.55	<13	PASS
		12	0	3.67	<13	PASS
		12	6	3.54	<13	PASS
		12	13	3.67	<13	PASS
		25	0	3.69	<13	PASS
16QAM	LCH	1	0	4.7	<13	PASS
		1	12	4.36	<13	PASS
		1	24	4.61	<13	PASS
		12	0	5.68	<13	PASS
		12	6	5.55	<13	PASS
		12	13	5.58	<13	PASS
		25	0	5.61	<13	PASS
	MCH	1	0	4.46	<13	PASS
		1	12	4.01	<13	PASS
		1	24	4.09	<13	PASS
		12	0	5.25	<13	PASS

		12	6	5.17	<13	PASS
		12	13	5.14	<13	PASS
		25	0	5.26	<13	PASS
	HCH	1	0	3.49	<13	PASS
		1	12	3.44	<13	PASS
		1	24	3.43	<13	PASS
		12	0	4.63	<13	PASS
		12	6	4.58	<13	PASS
		12	13	4.65	<13	PASS
		25	0	4.65	<13	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict
		Size	Offset	[dB]	[dB]	
QPSK	LCH	1	0	3.76	<13	PASS
		1	24	3.45	<13	PASS
		1	49	3.89	<13	PASS
		25	0	4.65	<13	PASS
		25	12	4.59	<13	PASS
		25	25	4.69	<13	PASS
		50	0	4.73	<13	PASS
	MCH	1	0	3.66	<13	PASS
		1	24	3.1	<13	PASS
		1	49	2.98	<13	PASS
		25	0	4.38	<13	PASS
		25	12	4.27	<13	PASS
		25	25	4.16	<13	PASS
		50	0	4.36	<13	PASS
	HCH	1	0	3.06	<13	PASS
		1	24	2.5	<13	PASS
		1	49	2.53	<13	PASS
		25	0	3.81	<13	PASS
		25	12	3.73	<13	PASS
		25	25	3.67	<13	PASS
		50	0	3.85	<13	PASS
16QAM	LCH	1	0	4.63	<13	PASS
		1	24	4.4	<13	PASS
		1	49	4.69	<13	PASS
		25	0	5.54	<13	PASS
		25	12	5.53	<13	PASS

		25	25	5.54	<13	PASS
		50	0	5.61	<13	PASS
	MCH	1	0	4.56	<13	PASS
		1	24	4.07	<13	PASS
		1	49	4.05	<13	PASS
		25	0	5.35	<13	PASS
		25	12	5.2	<13	PASS
		25	25	5.14	<13	PASS
		50	0	5.27	<13	PASS
	HCH	1	0	3.88	<13	PASS
		1	24	3.52	<13	PASS
		1	49	3.68	<13	PASS
		25	0	4.88	<13	PASS
		25	12	4.75	<13	PASS
		25	25	4.72	<13	PASS
		50	0	4.81	<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	3.76	<13	PASS
		1	37	3.67	<13	PASS
		1	74	4.31	<13	PASS
		37	0	4.59	<13	PASS
		37	18	4.58	<13	PASS
		37	38	4.79	<13	PASS
		75	0	5.11	<13	PASS
	MCH	1	0	4.07	<13	PASS
		1	37	3.05	<13	PASS
		1	74	3.07	<13	PASS
		37	0	4.49	<13	PASS
		37	18	4.11	<13	PASS
		37	38	4.01	<13	PASS
		75	0	4.72	<13	PASS
	HCH	1	0	3.51	<13	PASS
		1	37	2.56	<13	PASS
		1	74	2.58	<13	PASS
		37	0	4.06	<13	PASS
		37	18	3.73	<13	PASS
		37	38	3.56	<13	PASS

		75	0	4.25	<13	PASS
16QAM	LCH	1	0	4.62	<13	PASS
		1	37	4.43	<13	PASS
		1	74	4.95	<13	PASS
		37	0	5.53	<13	PASS
		37	18	5.55	<13	PASS
		37	38	5.71	<13	PASS
		75	0	5.89	<13	PASS
	MCH	1	0	4.86	<13	PASS
		1	37	4	<13	PASS
		1	74	4.03	<13	PASS
		37	0	5.48	<13	PASS
		37	18	5.18	<13	PASS
		37	38	5.05	<13	PASS
		75	0	5.56	<13	PASS
	HCH	1	0	4.28	<13	PASS
		1	37	3.58	<13	PASS
		1	74	3.65	<13	PASS
		37	0	5.09	<13	PASS
		37	18	4.8	<13	PASS
		37	38	4.67	<13	PASS
		75	0	5.21	<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	3.86	<13	PASS
		1	49	3.7	<13	PASS
		1	99	4.51	<13	PASS
		50	0	4.74	<13	PASS
		50	25	4.8	<13	PASS
		50	50	5.1	<13	PASS
		100	0	5.22	<13	PASS
	MCH	1	0	4.45	<13	PASS
		1	49	3.09	<13	PASS
		1	99	3.36	<13	PASS
		50	0	4.76	<13	PASS
		50	25	4.29	<13	PASS
		50	50	4.33	<13	PASS
		100	0	4.96	<13	PASS

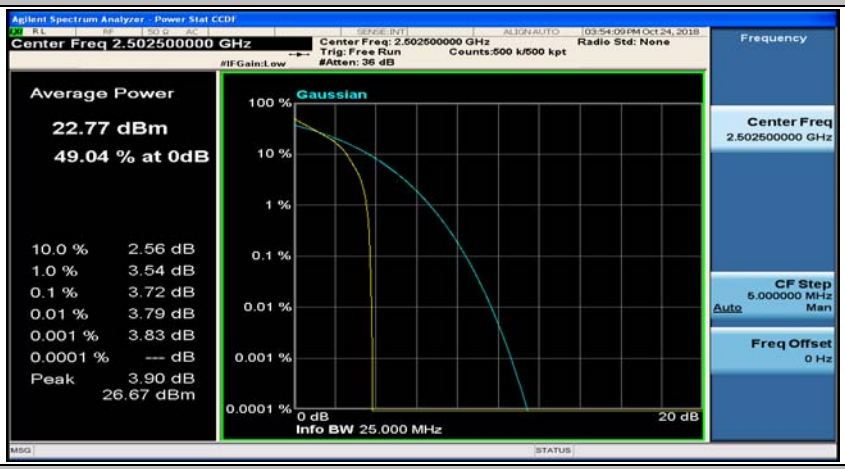
	HCH	1	0	3.65	<13	PASS
		1	49	2.92	<13	PASS
		1	99	2.88	<13	PASS
		50	0	4.54	<13	PASS
		50	25	4.16	<13	PASS
		50	50	4.07	<13	PASS
		100	0	4.69	<13	PASS
16QAM	LCH	1	0	4.76	<13	PASS
		1	49	4.39	<13	PASS
		1	99	5.44	<13	PASS
		50	0	5.64	<13	PASS
		50	25	5.71	<13	PASS
		50	50	5.92	<13	PASS
		100	0	6.03	<13	PASS
	MCH	1	0	5.11	<13	PASS
		1	49	3.89	<13	PASS
		1	99	4.25	<13	PASS
		50	0	5.67	<13	PASS
		50	25	5.22	<13	PASS
		50	50	5.28	<13	PASS
		100	0	5.74	<13	PASS
	HCH	1	0	4.53	<13	PASS
		1	49	3.81	<13	PASS
		1	99	3.72	<13	PASS
		50	0	5.48	<13	PASS
		50	25	5.14	<13	PASS
		50	50	5.08	<13	PASS
		100	0	5.52	<13	PASS

Test Graphs

Channel Bandwidth: 5 MHz

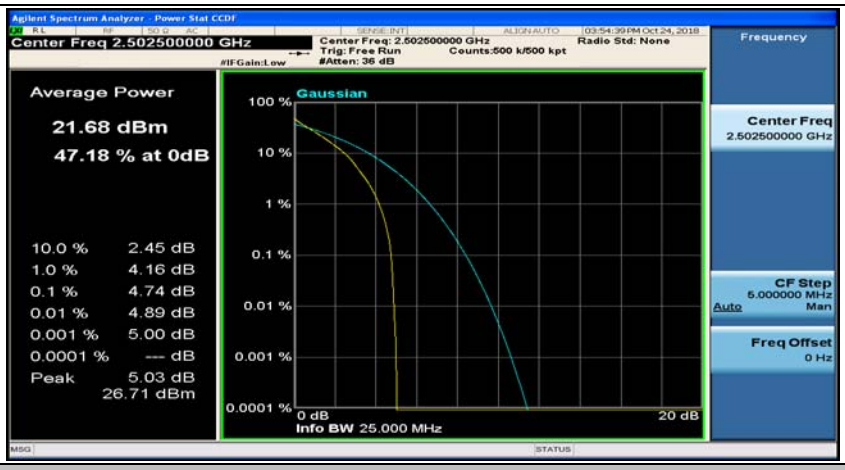
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

(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

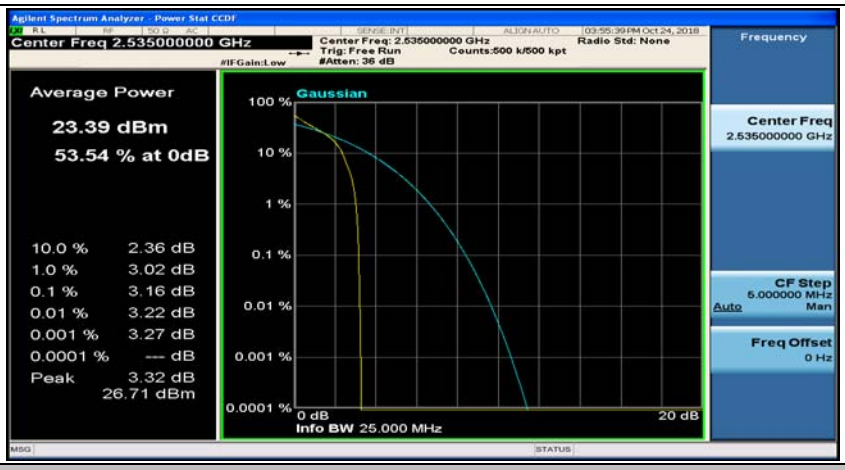
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13

(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0

(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

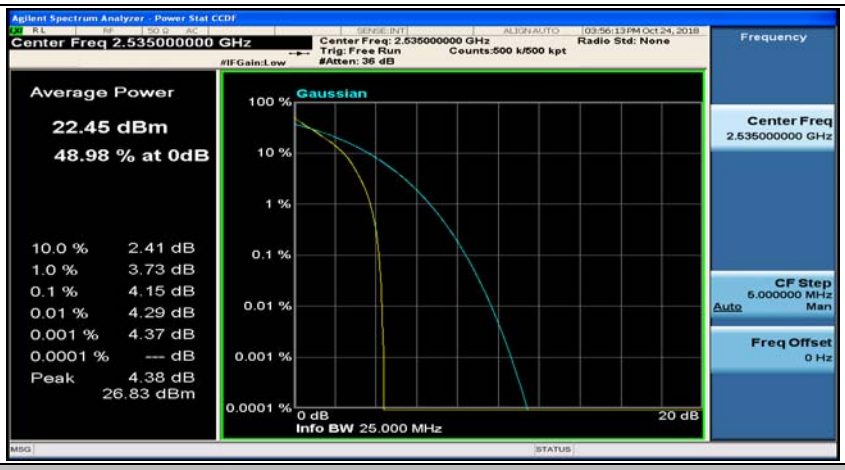
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0

(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6

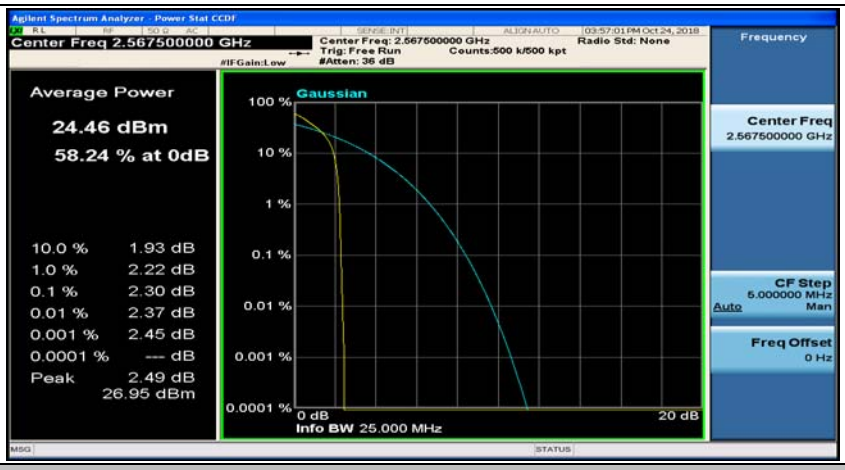
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



(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

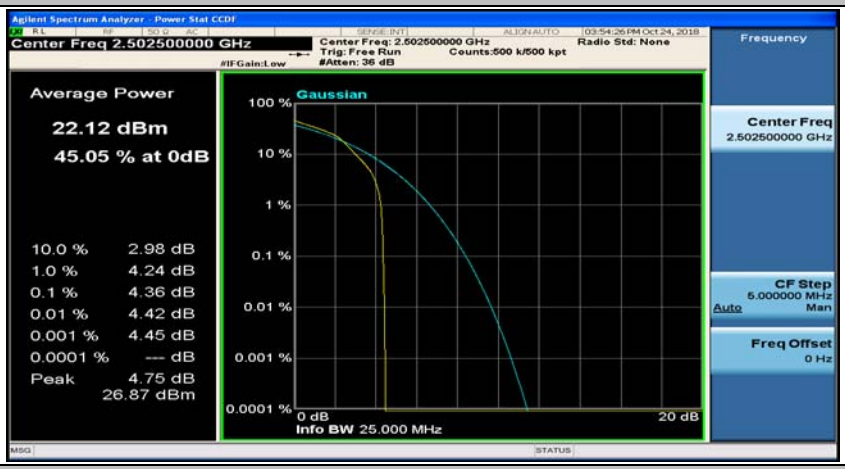
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6

(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13

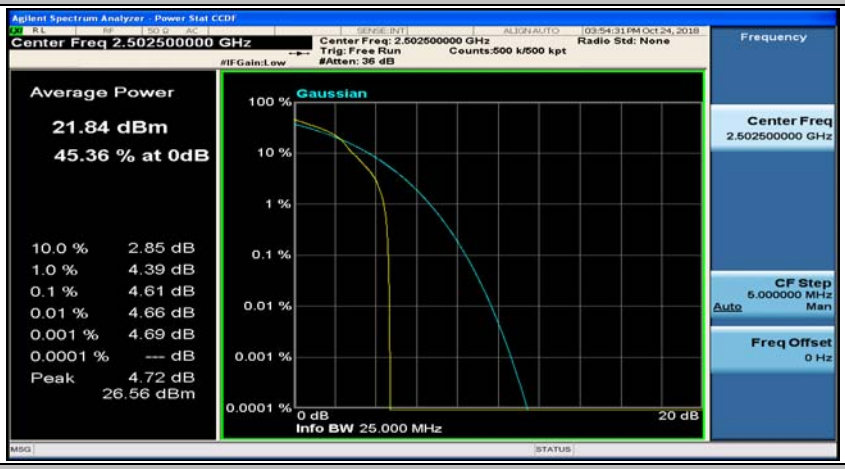
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

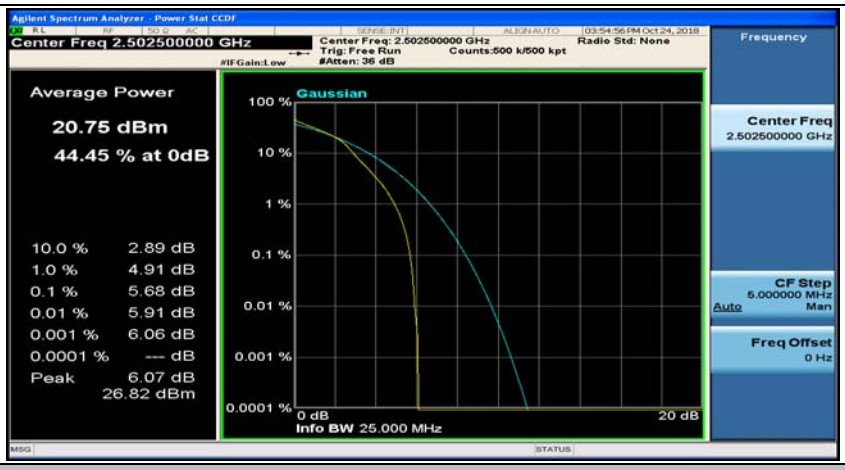
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



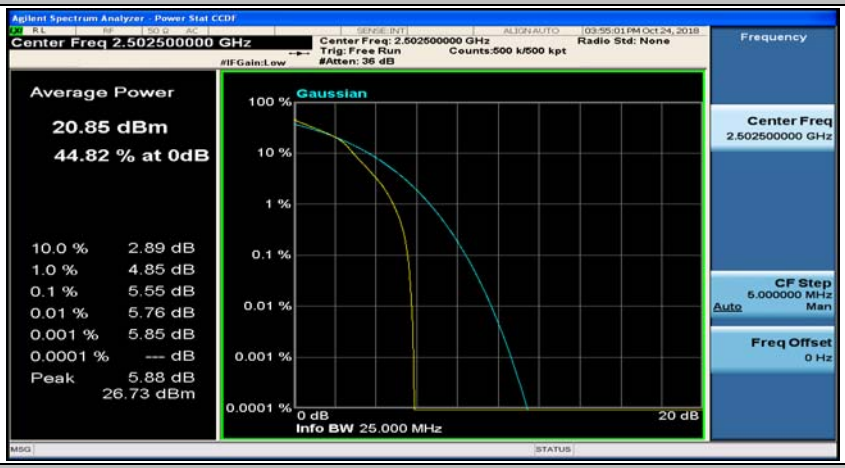
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0

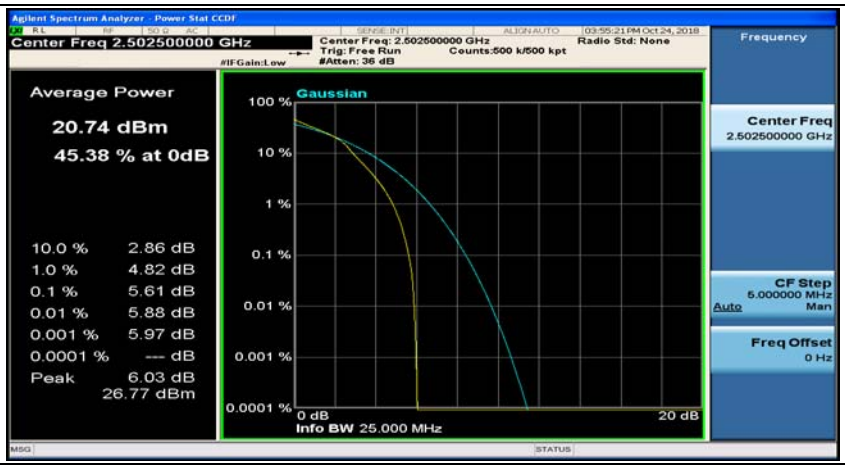


(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13

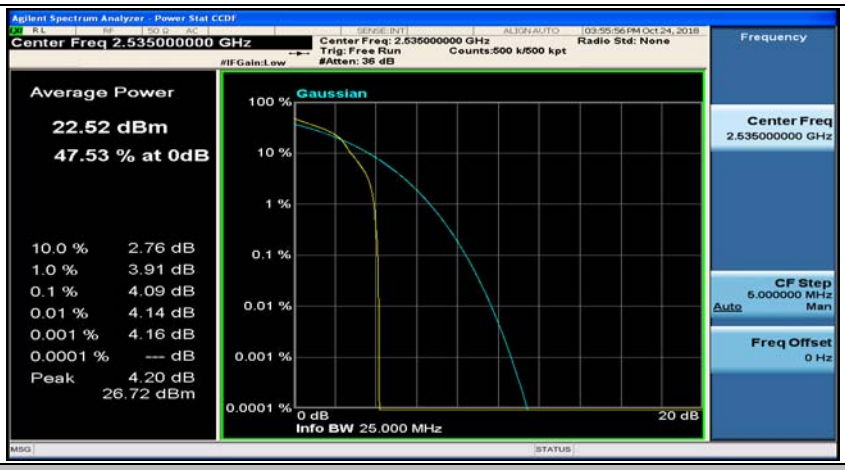
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

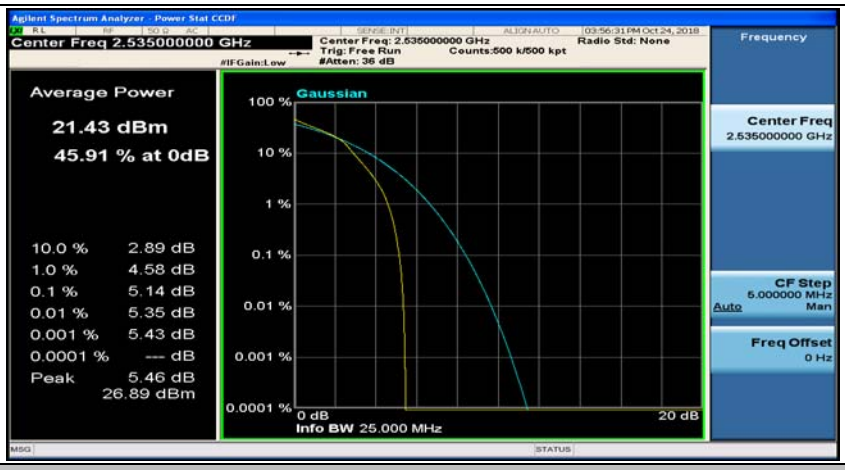
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



(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

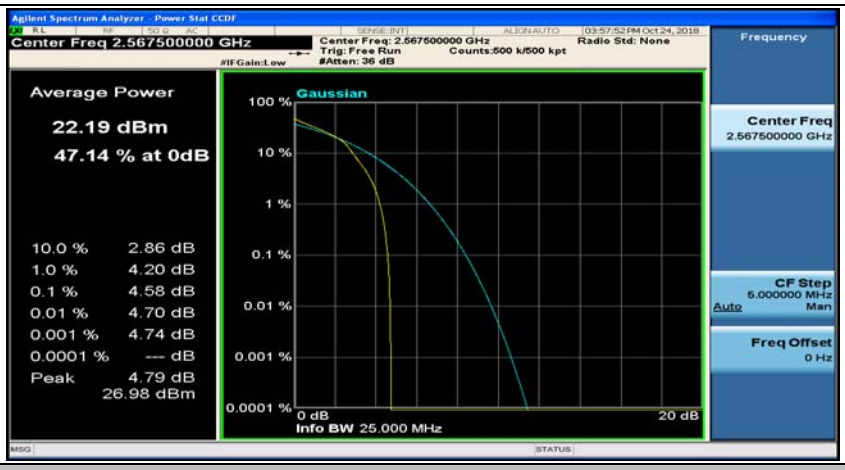
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

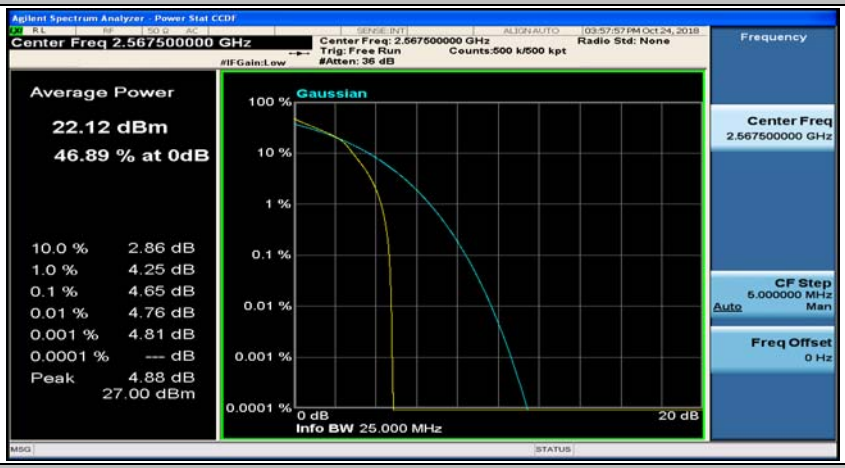
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24

(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_LCH_QPSK_1RB#0
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0

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

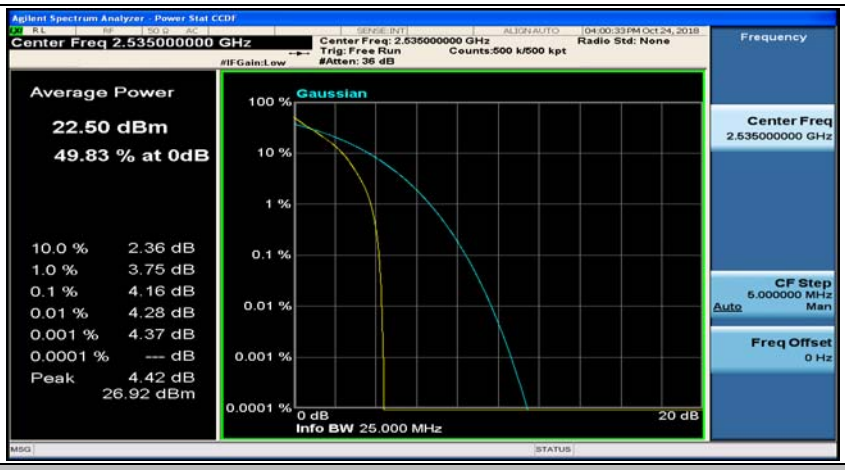
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0

Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12

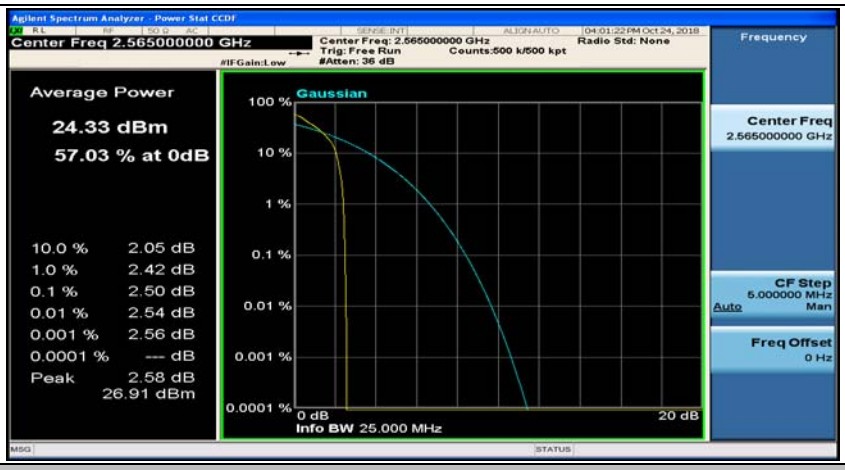
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



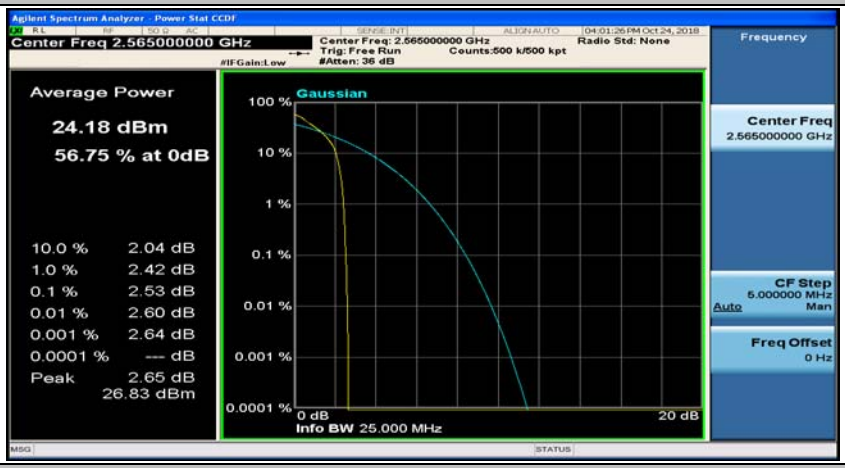
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

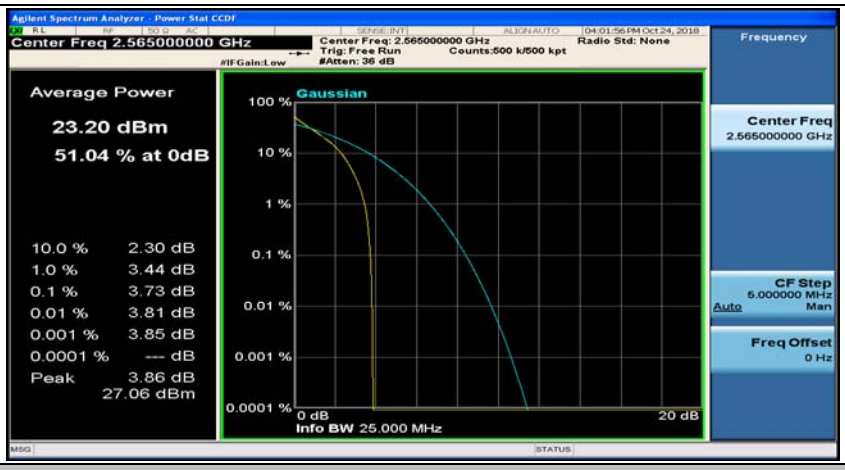


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0

Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12

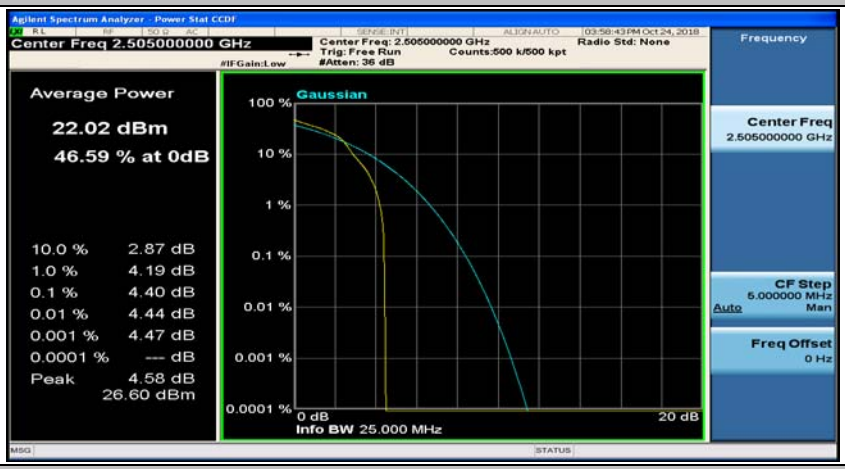


Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25

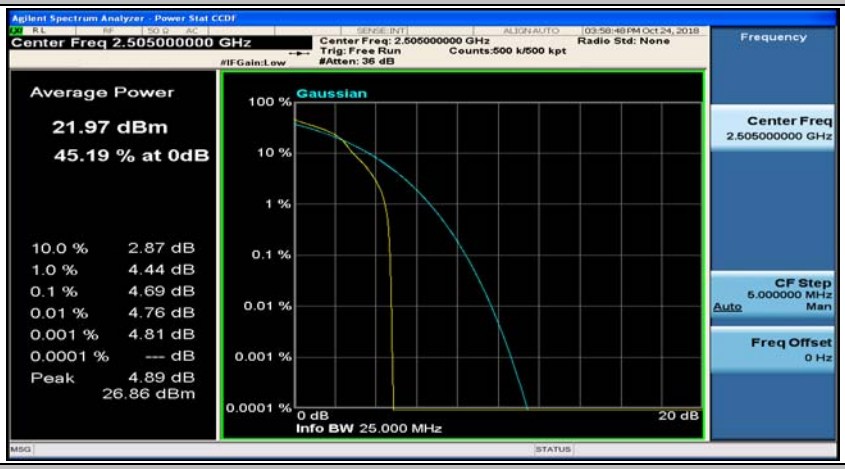
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0

Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0

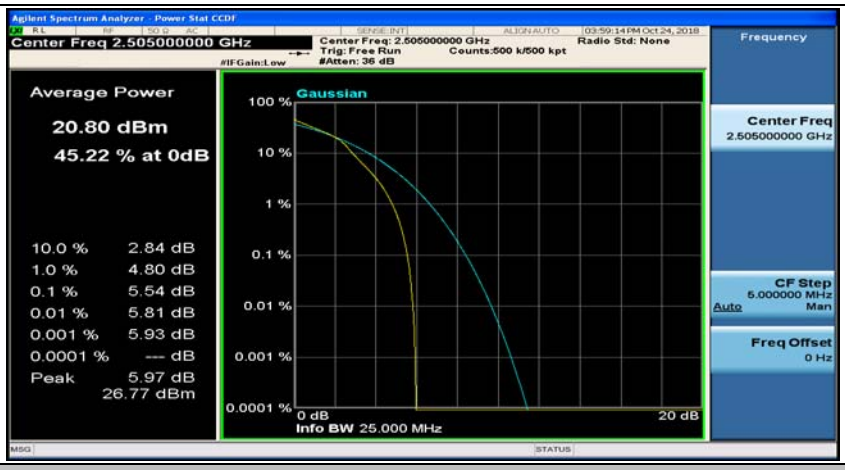
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



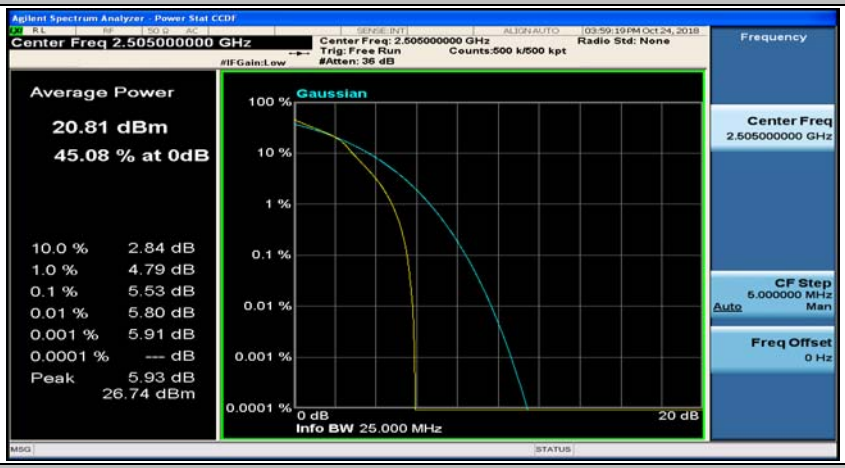
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12



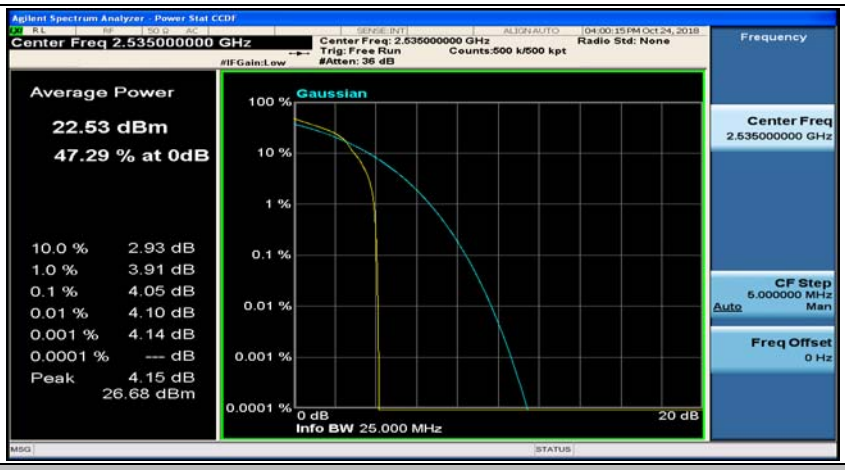
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25

Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0

Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

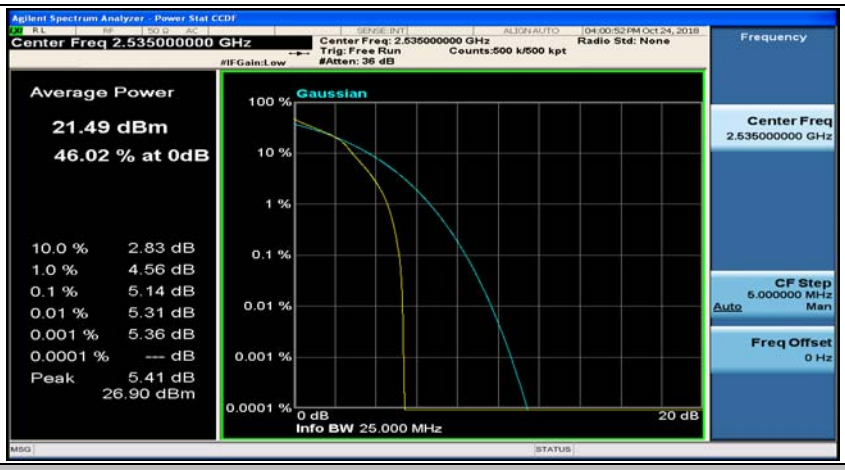
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0

Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12

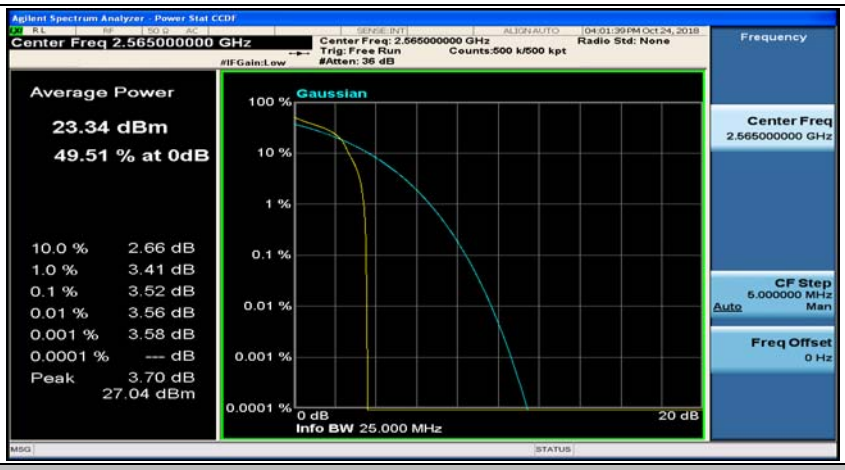
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

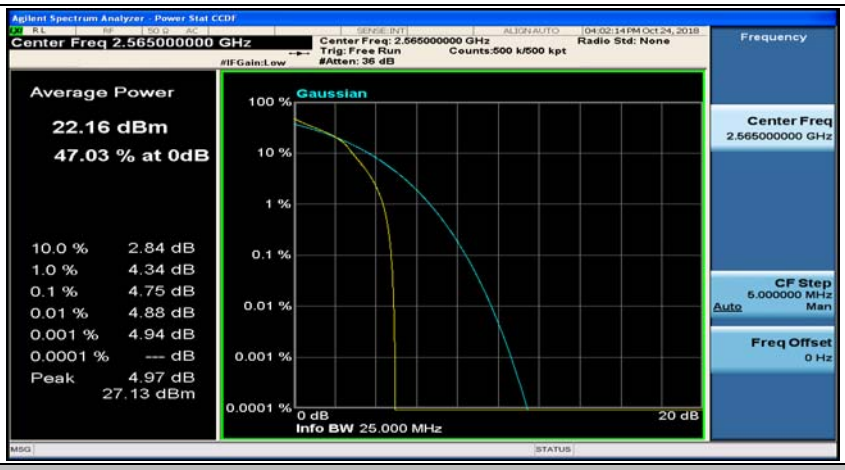
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49

Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0

Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25

Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

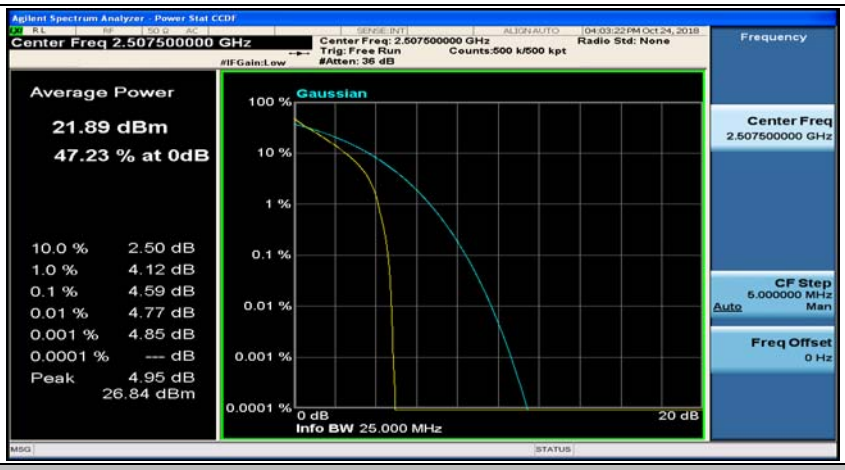
Channel Bandwidth: 15 MHz

(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

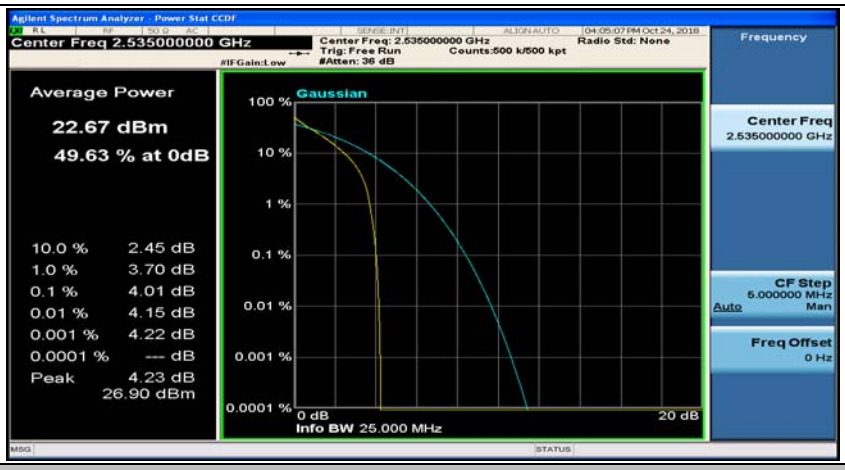
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37

(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74

(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0

(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18

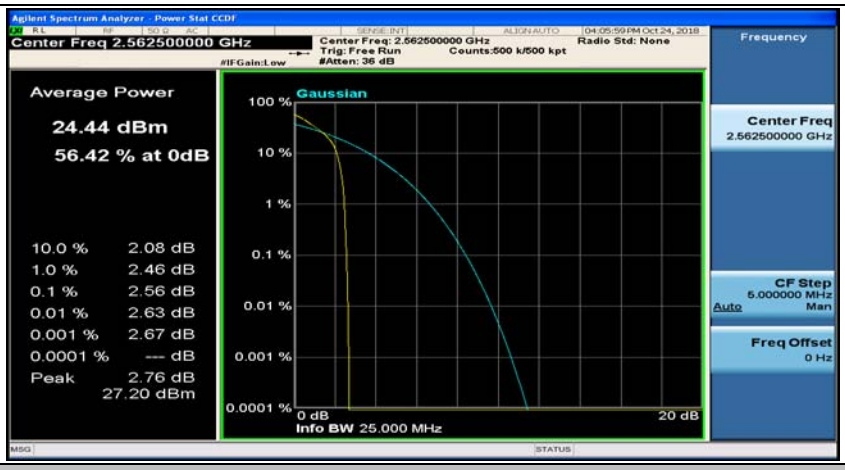
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38



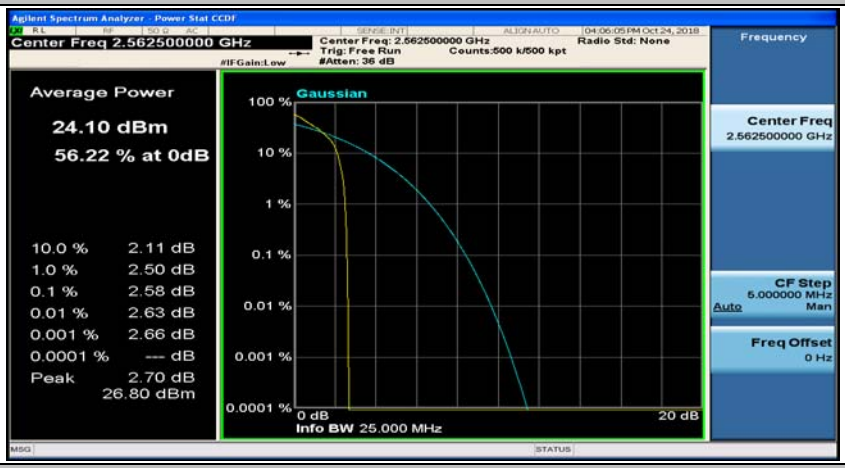
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0

(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0

(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37

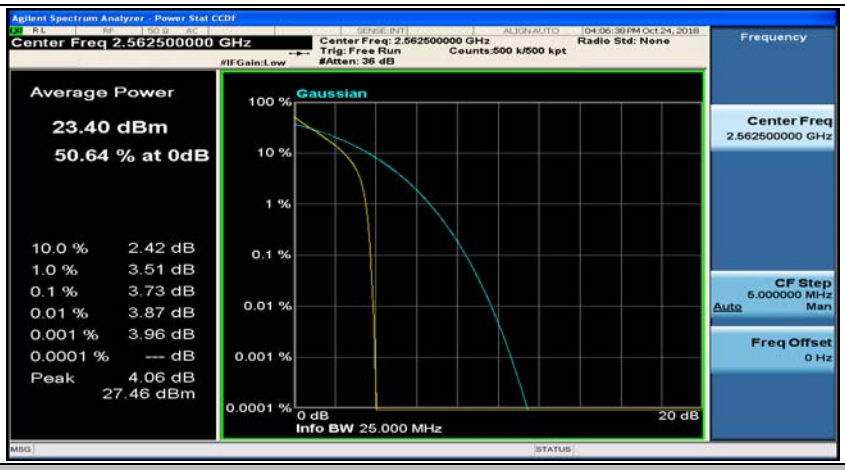


(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0

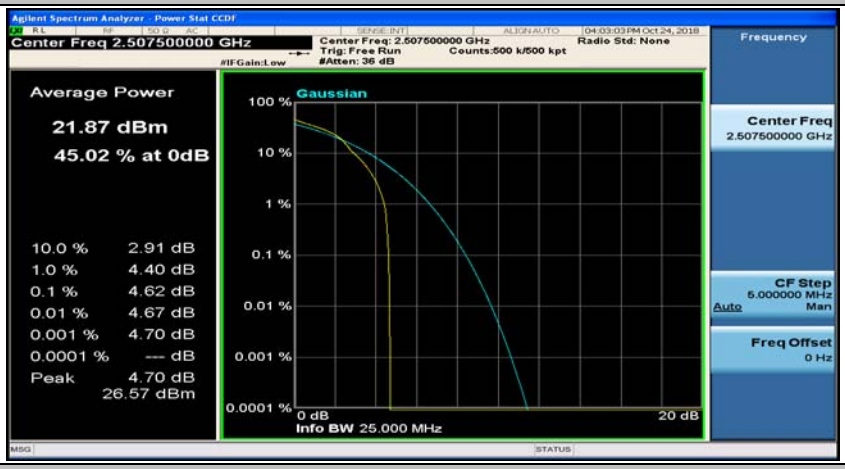
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18



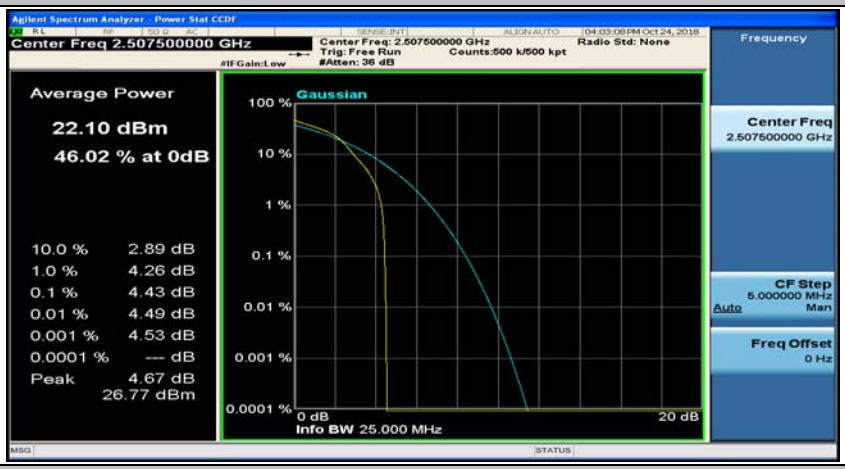
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38

(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0

(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0

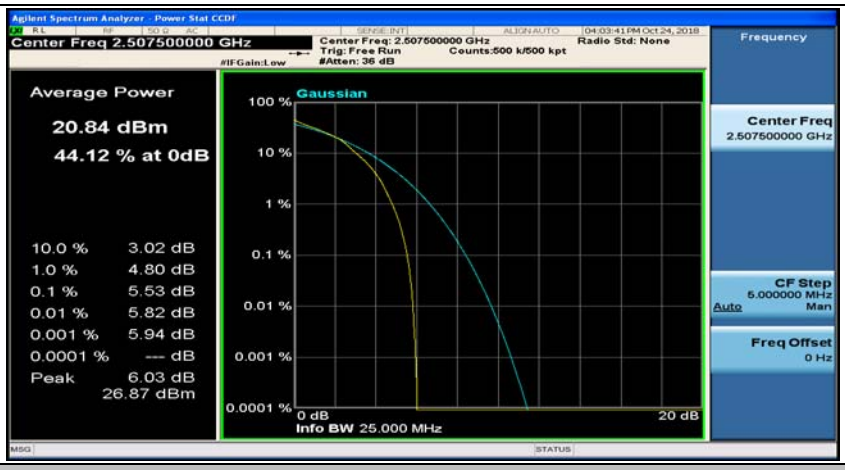


(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37

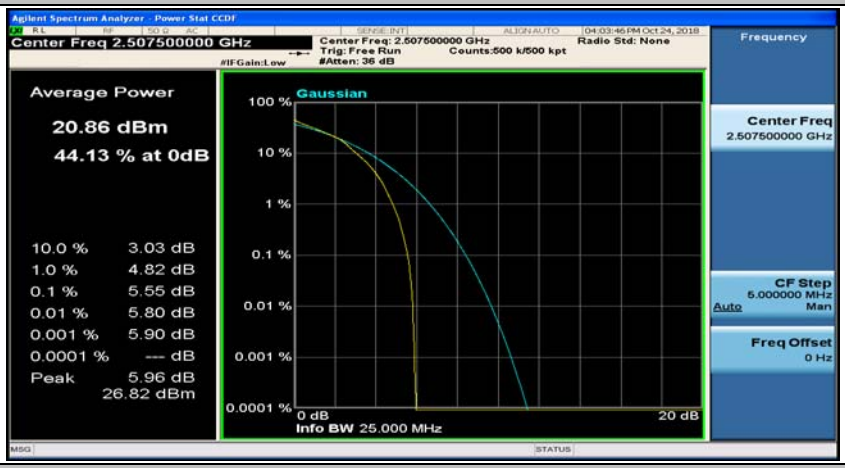


(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74

(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18



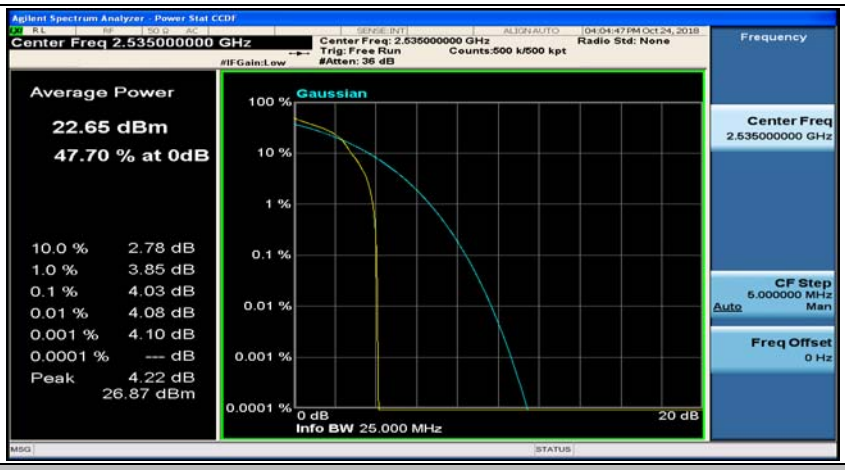
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38

(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



(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