

C.2: Peak-to-Average Ratio

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	3.18	<13	PASS
		1	12	3.29	<13	PASS
		1	24	3.28	<13	PASS
		12	0	4.27	<13	PASS
		12	6	4.22	<13	PASS
		12	13	4.46	<13	PASS
		25	0	4.93	<13	PASS
	MCH	1	0	3.46	<13	PASS
		1	12	3.6	<13	PASS
		1	24	3.57	<13	PASS
		12	0	4.26	<13	PASS
		12	6	4.14	<13	PASS
		12	13	4.24	<13	PASS
		25	0	4.82	<13	PASS
16QAM	LCH	1	0	3.67	<13	PASS
		1	12	3.8	<13	PASS
		1	24	3.71	<13	PASS
		12	0	4.53	<13	PASS
		12	6	4.41	<13	PASS
		12	13	4.47	<13	PASS
		25	0	4.99	<13	PASS
	MCH	1	0	3.94	<13	PASS
		1	12	4.13	<13	PASS
		1	24	4.35	<13	PASS
		12	0	5.21	<13	PASS
		12	6	5.25	<13	PASS
		12	13	5.49	<13	PASS
		25	0	5.69	<13	PASS
	HCH	1	0	4.04	<13	PASS
		1	12	4.19	<13	PASS
		1	24	4.18	<13	PASS
		12	0	5.24	<13	PASS
		12	6	5.19	<13	PASS
		12	13	5.42	<13	PASS
		25	0	5.63	<13	PASS
	HCH	1	0	4.43	<13	PASS

		1	12	4.49	<13	PASS
		1	24	4.49	<13	PASS
		12	0	5.49	<13	PASS
		12	6	5.48	<13	PASS
		12	13	5.58	<13	PASS
		25	0	5.83	<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	3.14	<13	PASS
		1	24	3.31	<13	PASS
		1	49	3.36	<13	PASS
		25	0	4.53	<13	PASS
		25	12	4.57	<13	PASS
		25	25	4.7	<13	PASS
		50	0	4.99	<13	PASS
	MCH	1	0	3.4	<13	PASS
		1	24	3.57	<13	PASS
		1	49	3.59	<13	PASS
		25	0	4.29	<13	PASS
		25	12	4.26	<13	PASS
		25	25	4.46	<13	PASS
		50	0	4.97	<13	PASS
16QAM	LCH	1	0	3.65	<13	PASS
		1	24	3.78	<13	PASS
		1	49	3.73	<13	PASS
		25	0	4.61	<13	PASS
		25	12	4.54	<13	PASS
		25	25	4.55	<13	PASS
		50	0	5.07	<13	PASS
	MCH	1	0	3.84	<13	PASS
		1	24	3.94	<13	PASS
		1	49	4.01	<13	PASS
		25	0	5.54	<13	PASS
		25	12	5.54	<13	PASS
		25	25	5.64	<13	PASS
		50	0	5.87	<13	PASS

		1	49	4.36	<13	PASS
		25	0	5.35	<13	PASS
		25	12	5.4	<13	PASS
		25	25	5.55	<13	PASS
		50	0	5.87	<13	PASS
	HCH	1	0	4.37	<13	PASS
		1	24	4.52	<13	PASS
		1	49	4.44	<13	PASS
		25	0	5.64	<13	PASS
		25	12	5.6	<13	PASS
		25	25	5.64	<13	PASS
		50	0	5.99	<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	4.56	<13	PASS
		1	37	3.35	<13	PASS
		1	74	4.56	<13	PASS
		37	0	4.62	<13	PASS
		37	18	4.82	<13	PASS
		37	38	4.68	<13	PASS
		75	0	4.98	<13	PASS
	MCH	1	0	4.54	<13	PASS
		1	37	3.62	<13	PASS
		1	74	4.63	<13	PASS
		37	0	4.51	<13	PASS
		37	18	4.61	<13	PASS
		37	38	4.62	<13	PASS
		75	0	4.95	<13	PASS
16QAM	HCH	1	0	4.78	<13	PASS
		1	37	3.8	<13	PASS
		1	74	4.79	<13	PASS
		37	0	4.62	<13	PASS
		37	18	4.85	<13	PASS
		37	38	4.7	<13	PASS
		75	0	4.95	<13	PASS
	LCH	1	0	5.13	<13	PASS
		1	37	4.09	<13	PASS
		1	74	5.19	<13	PASS

		37	0	5.8	<13	PASS
		37	18	5.77	<13	PASS
		37	38	5.9	<13	PASS
		75	0	6.13	<13	PASS
MCH	MCH	1	0	5.31	<13	PASS
		1	37	4.39	<13	PASS
		1	74	5.45	<13	PASS
		37	0	5.78	<13	PASS
		37	18	5.6	<13	PASS
		37	38	5.85	<13	PASS
		75	0	6.14	<13	PASS
HCH	HCH	1	0	5.45	<13	PASS
		1	37	4.54	<13	PASS
		1	74	5.42	<13	PASS
		37	0	5.88	<13	PASS
		37	18	5.77	<13	PASS
		37	38	5.93	<13	PASS
		75	0	6.22	<13	PASS

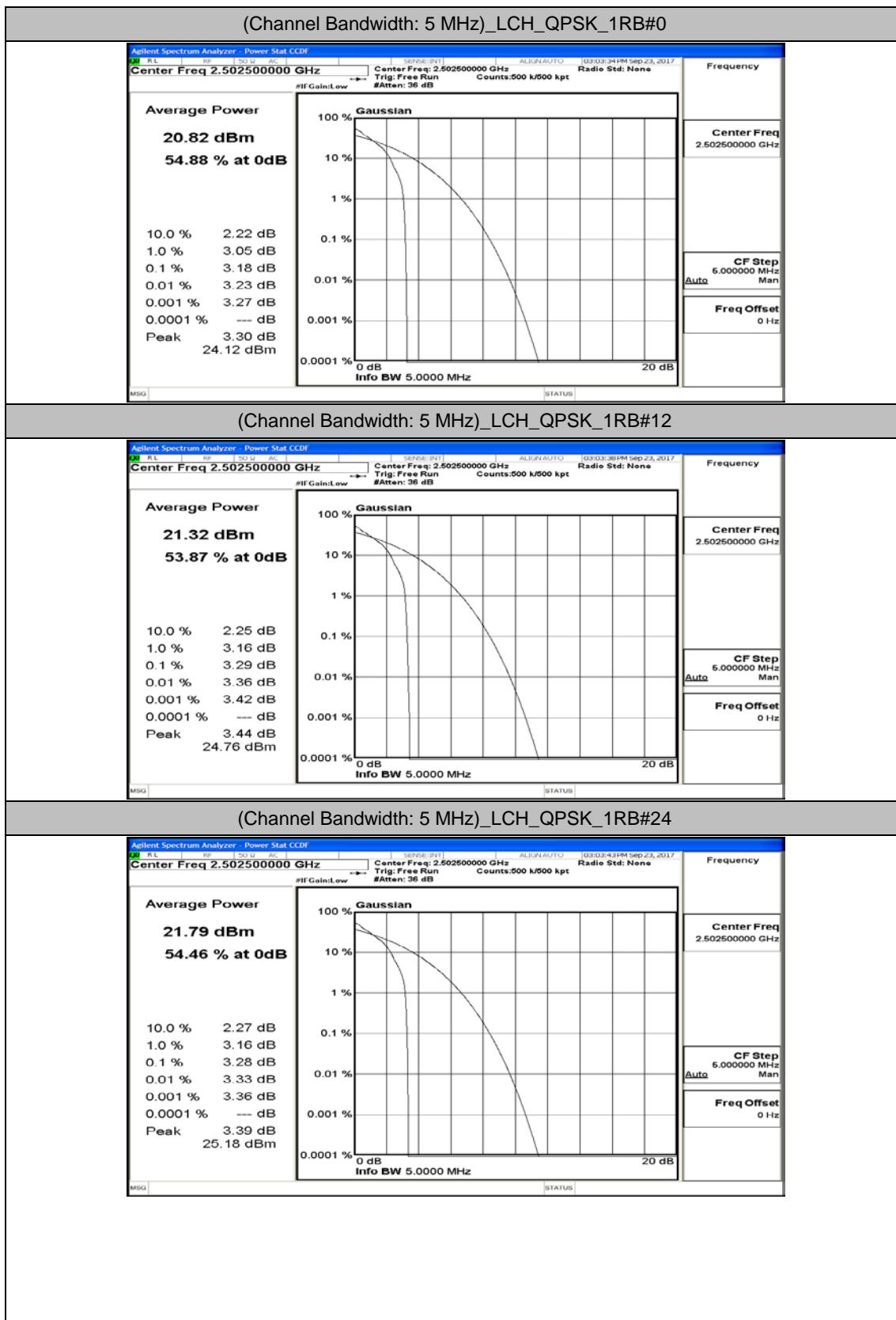
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	7.54	<13	PASS
		1	49	3.41	<13	PASS
		1	99	8.04	<13	PASS
		50	0	5.48	<13	PASS
		50	25	5.02	<13	PASS
		50	50	5.64	<13	PASS
		100	0	5.71	<13	PASS
	MCH	1	0	8.11	<13	PASS
		1	49	3.67	<13	PASS
		1	99	8.6	<13	PASS
		50	0	5.49	<13	PASS
		50	25	4.91	<13	PASS
		50	50	5.68	<13	PASS
		100	0	5.72	<13	PASS
	HCH	1	0	8.61	<13	PASS
		1	49	3.83	<13	PASS
		1	99	9.06	<13	PASS
		50	0	5.53	<13	PASS

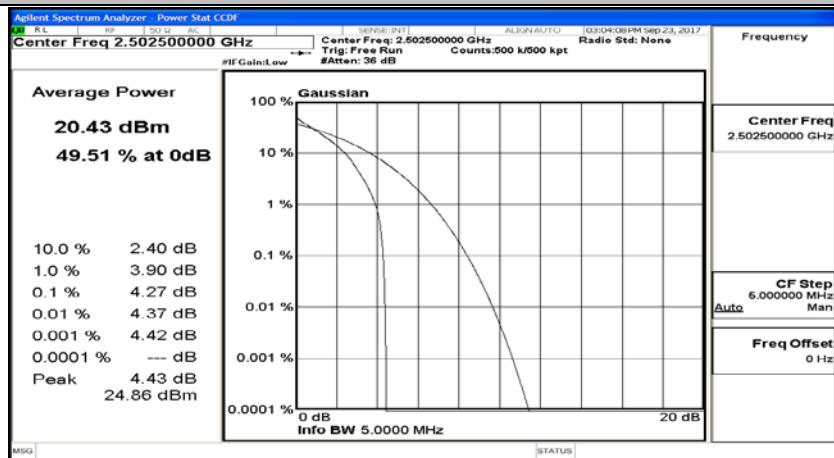
		50	25	5.02	<13	PASS
		50	50	5.69	<13	PASS
		100	0	5.72	<13	PASS
16QAM	LCH	1	0	7.76	<13	PASS
		1	49	4.02	<13	PASS
		1	99	8.06	<13	PASS
		50	0	6.53	<13	PASS
		50	25	5.9	<13	PASS
		50	50	6.56	<13	PASS
		100	0	6.75	<13	PASS
	MCH	1	0	8.22	<13	PASS
		1	49	4.28	<13	PASS
		1	99	8.29	<13	PASS
		50	0	6.49	<13	PASS
		50	25	5.82	<13	PASS
		50	50	6.61	<13	PASS
		100	0	6.66	<13	PASS
	HCH	1	0	8.71	<13	PASS
		1	49	4.52	<13	PASS
		1	99	9.43	<13	PASS
		50	0	6.54	<13	PASS
		50	25	5.98	<13	PASS
		50	50	6.65	<13	PASS
		100	0	6.76	<13	PASS

Test Graphs

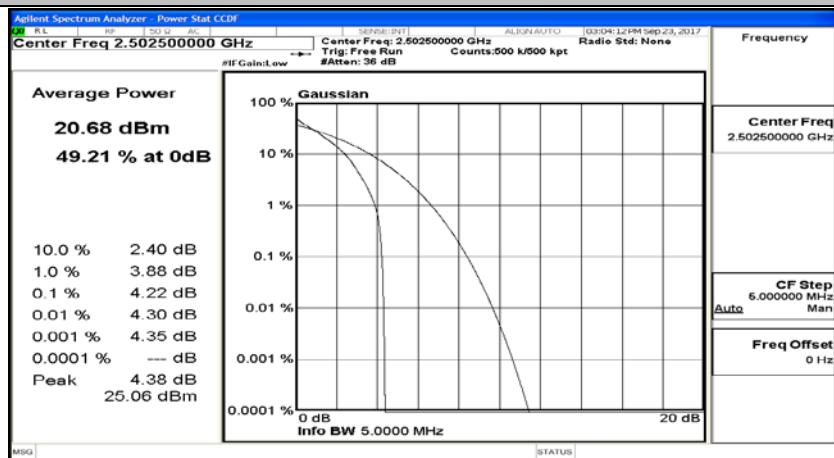
Channel Bandwidth: 5 MHz



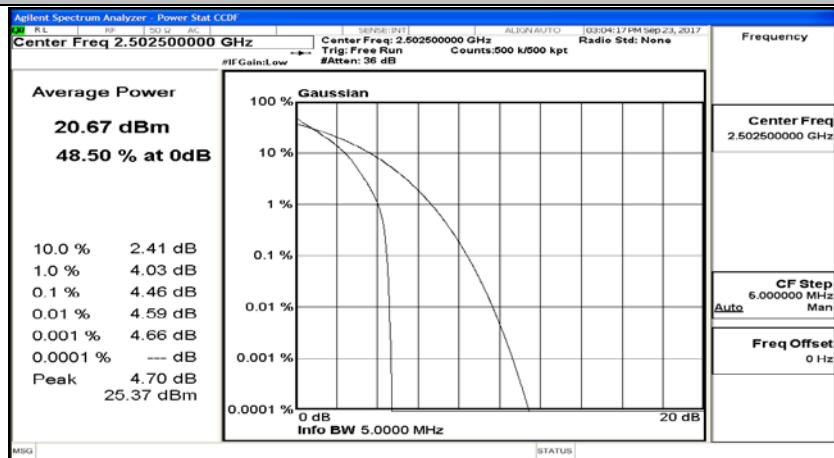
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



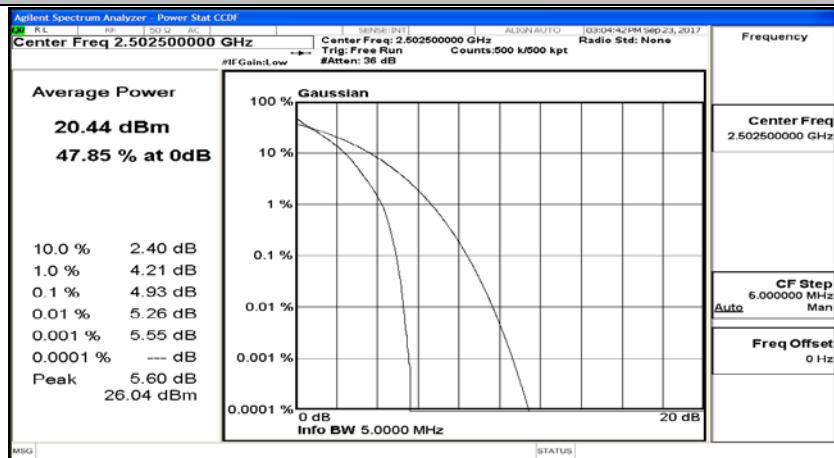
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



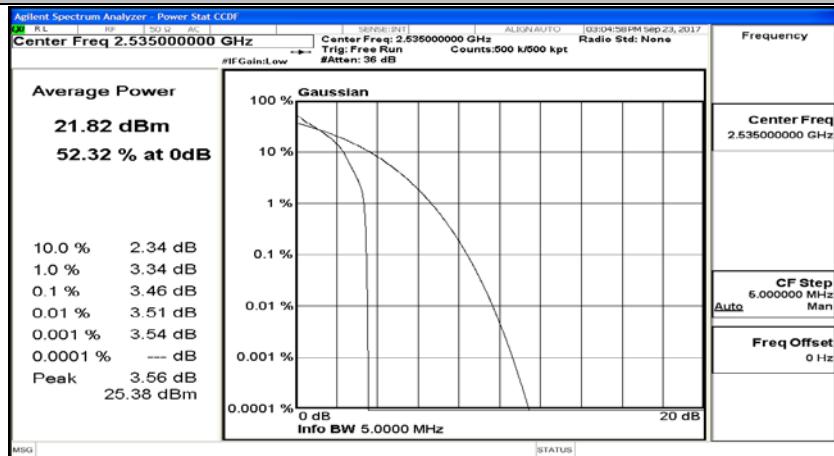
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



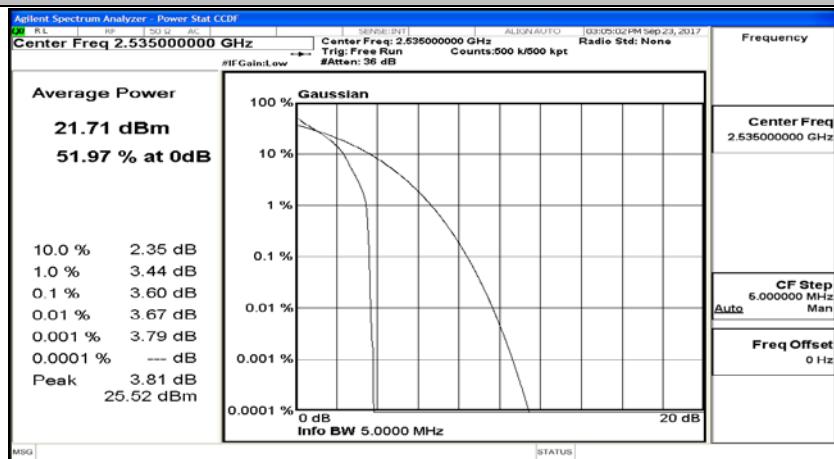
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



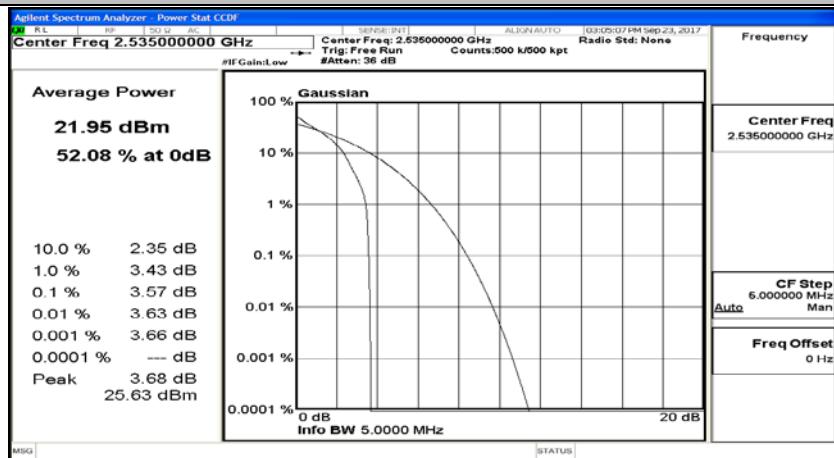
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



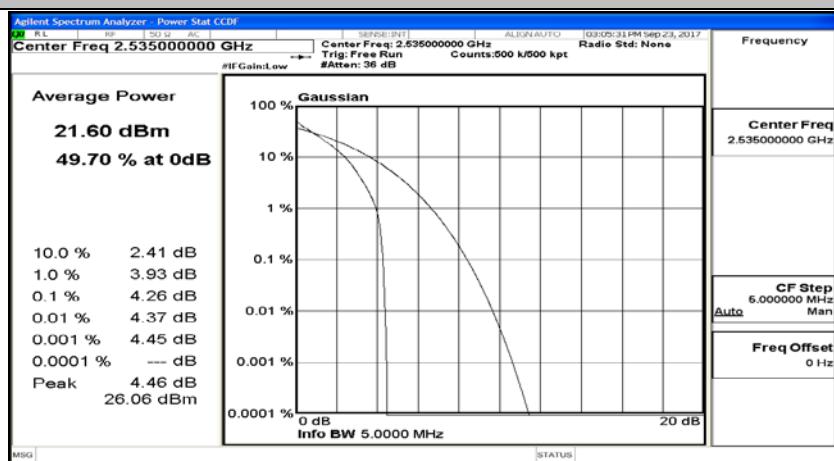
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



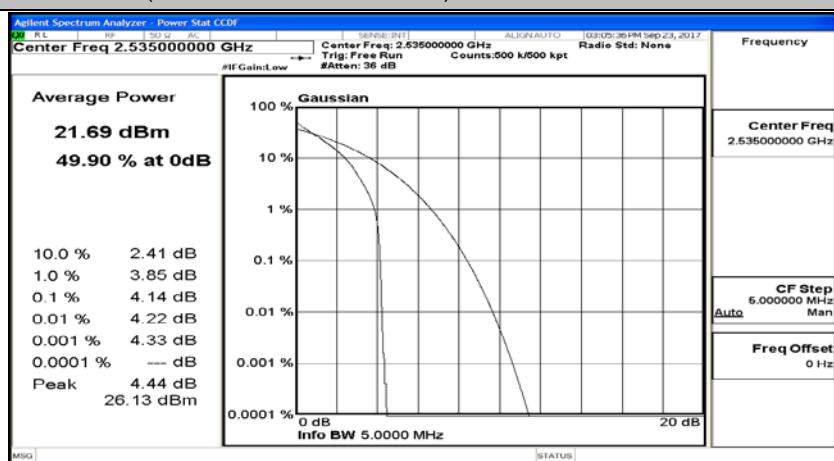
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



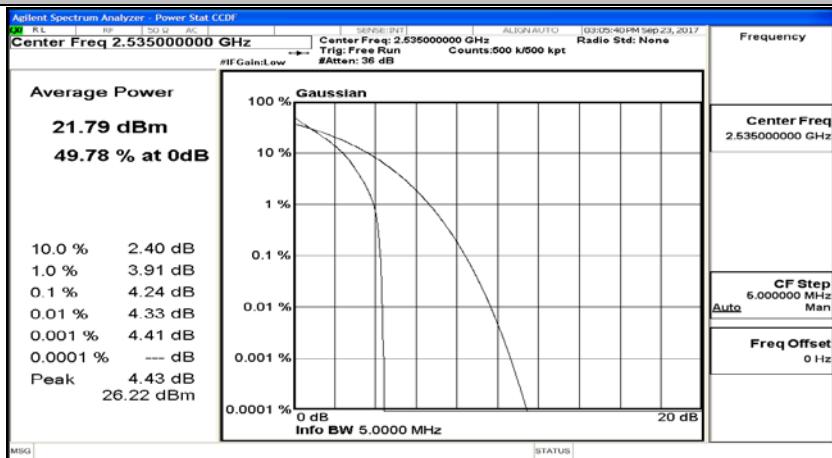
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



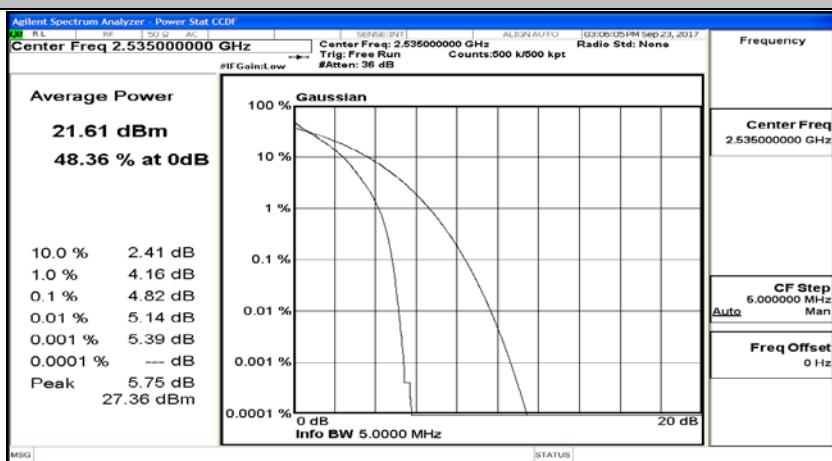
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



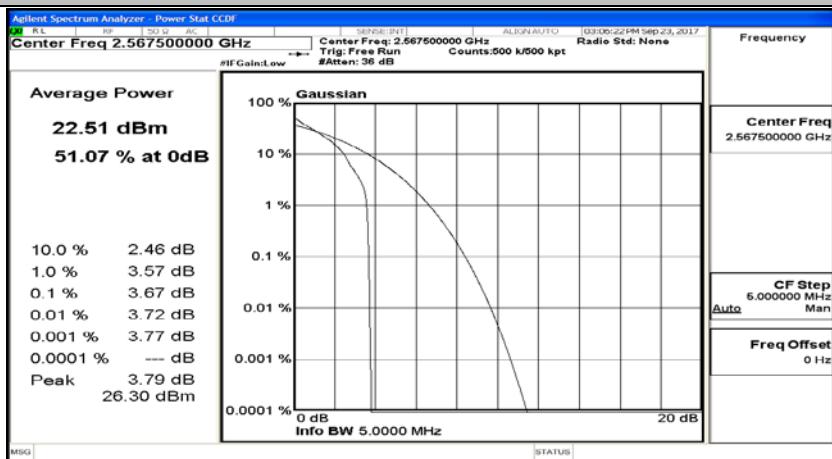
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



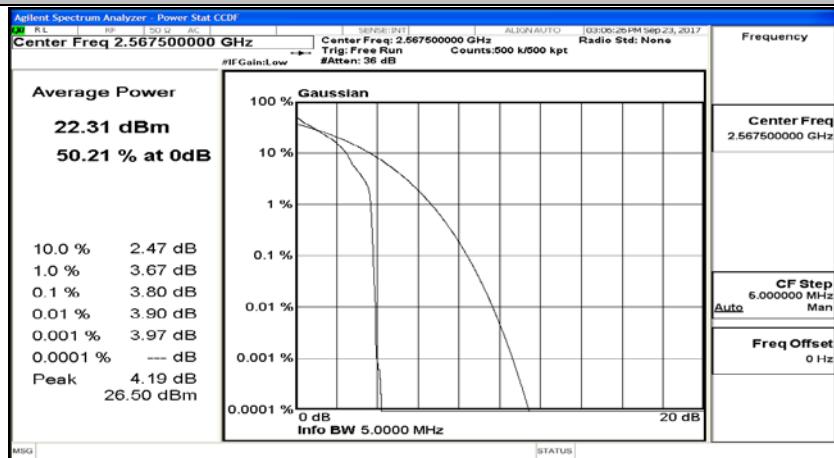
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



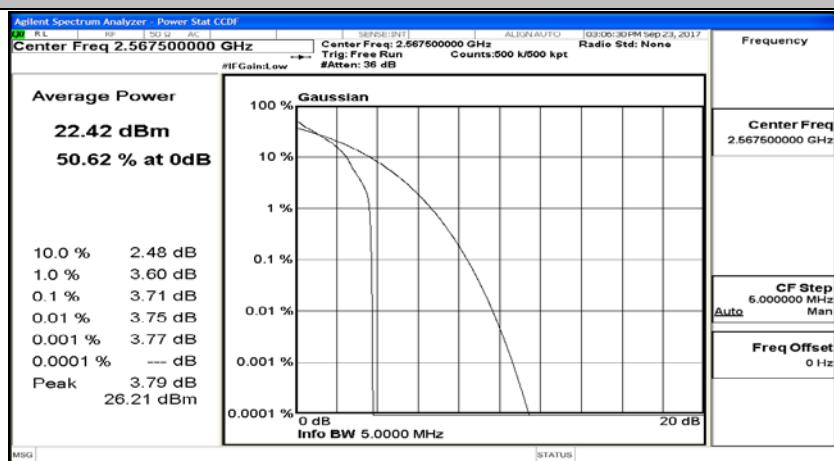
Frequency

Center Freq
2.567500000 GHz

CF Step
6.000000 MHz
Auto

Freq Offset
0 Hz

(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



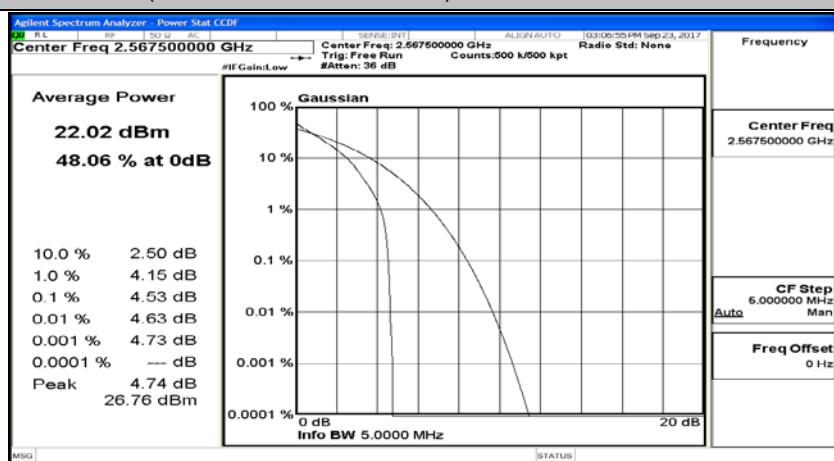
Frequency

Center Freq
2.567500000 GHz

CF Step
6.000000 MHz
Auto

Freq Offset
0 Hz

(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



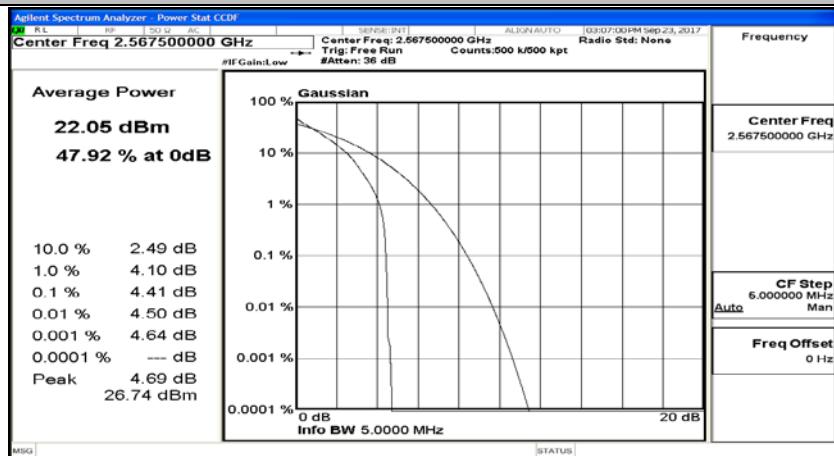
Frequency

Center Freq
2.567500000 GHz

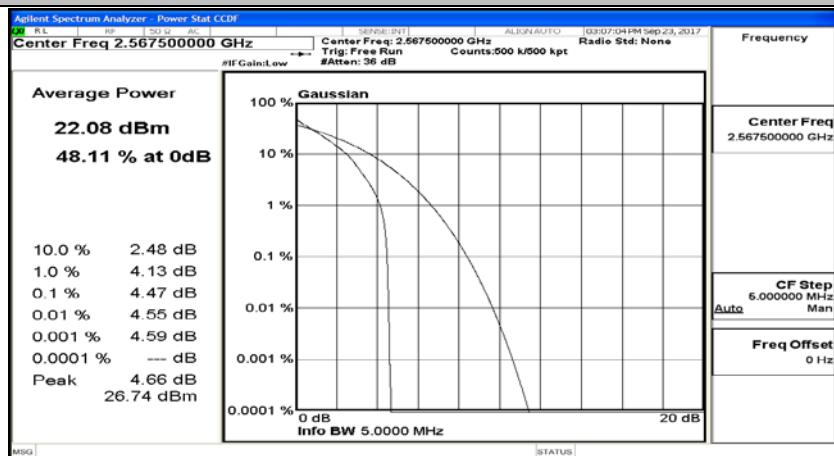
CF Step
6.000000 MHz
Auto

Freq Offset
0 Hz

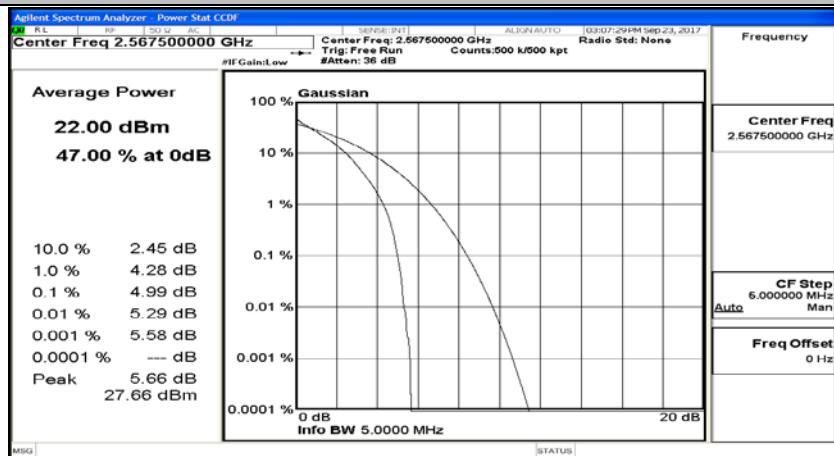
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



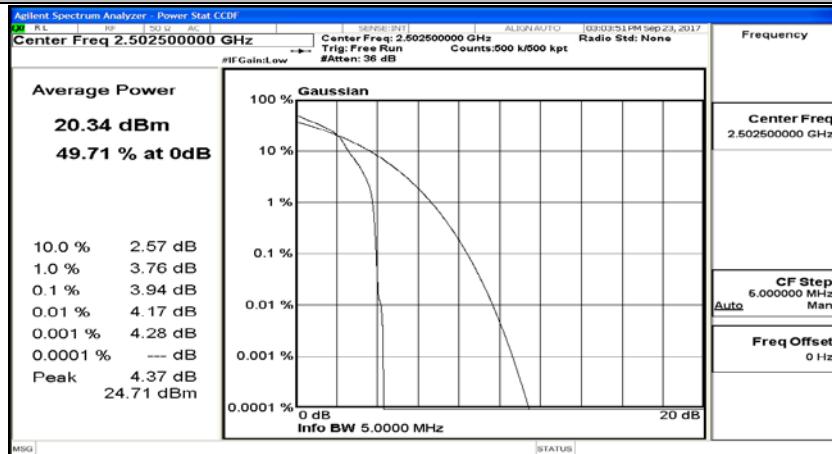
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

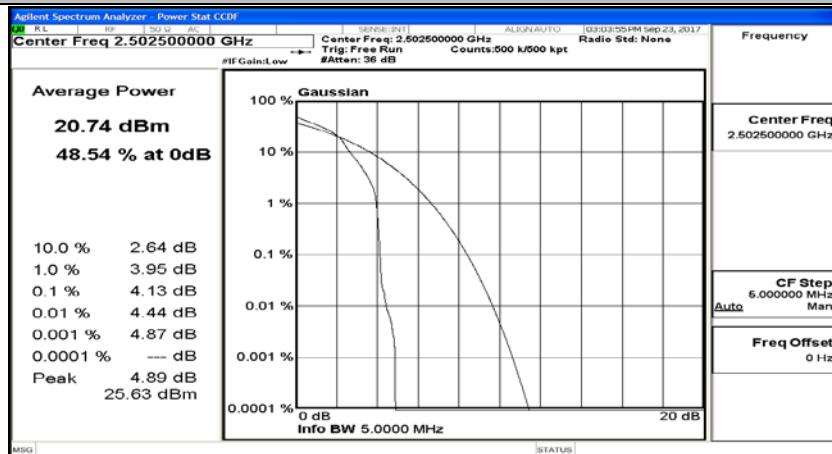


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



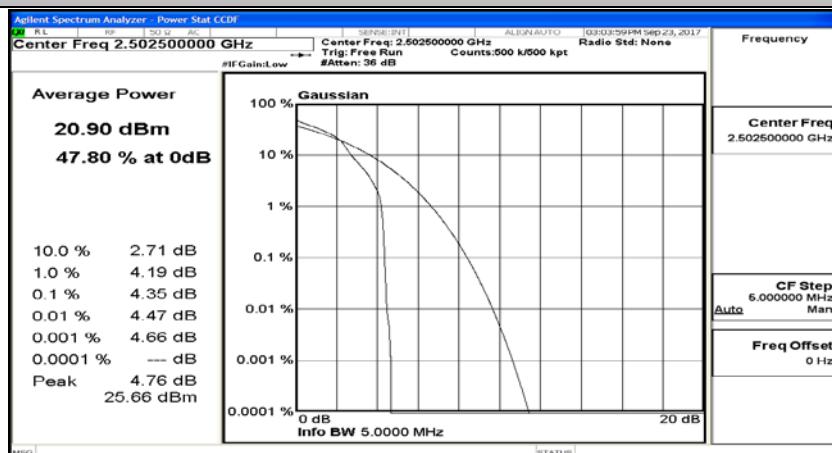
Frequency
Center Freq 2.502500000 GHz
CF Step 6.000000 MHz Man
Freq Offset 0 Hz

(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



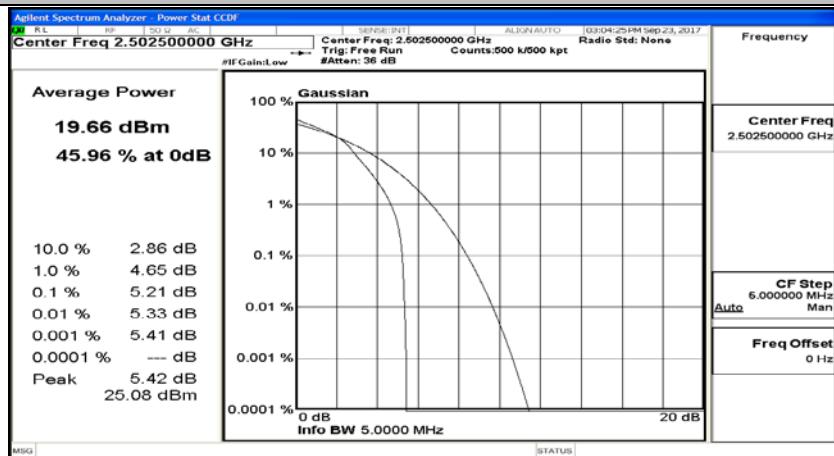
Frequency
Center Freq 2.502500000 GHz
CF Step 6.000000 MHz Man
Freq Offset 0 Hz

(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24

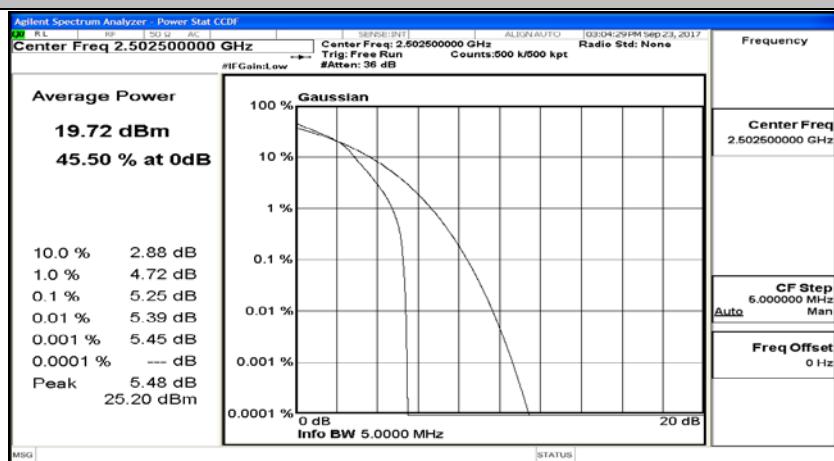


Frequency
Center Freq 2.502500000 GHz
CF Step 6.000000 MHz Man
Freq Offset 0 Hz

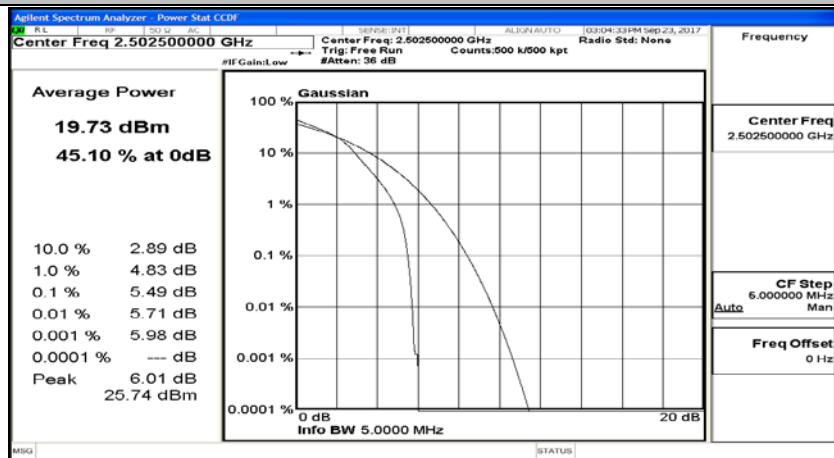
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



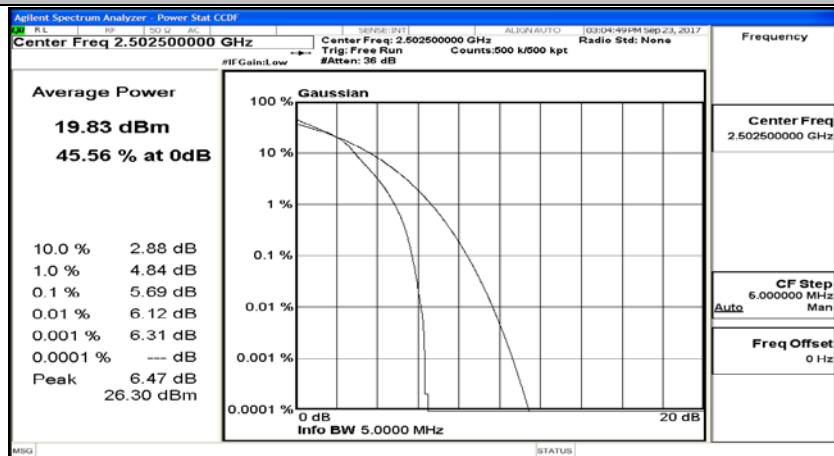
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



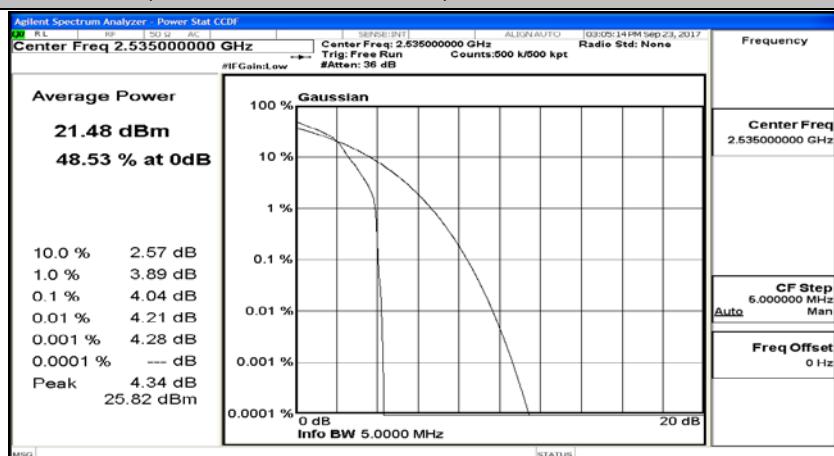
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



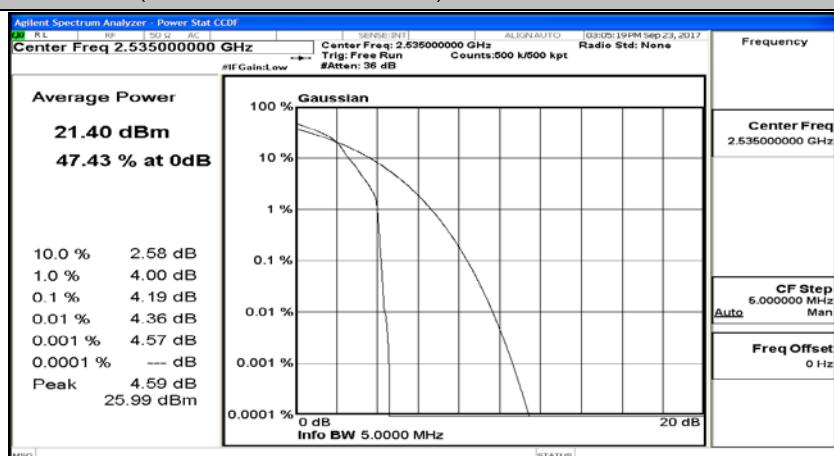
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



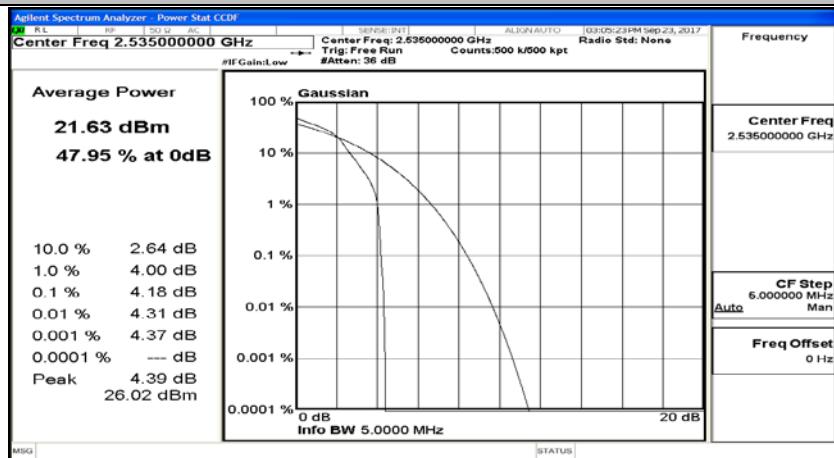
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



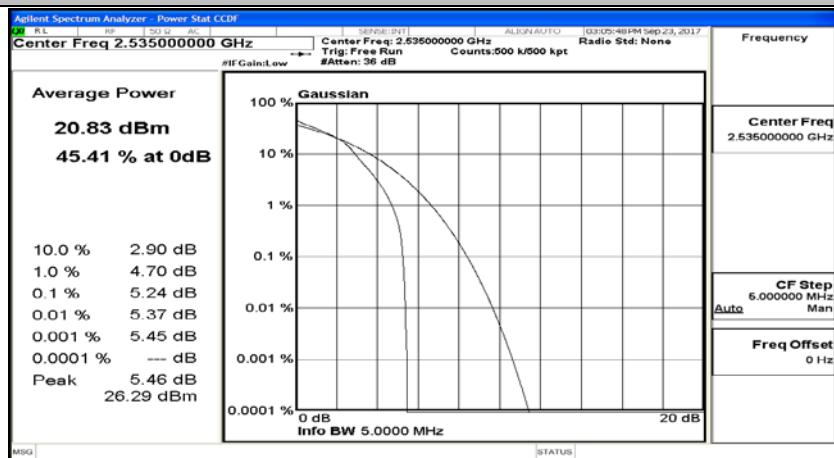
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



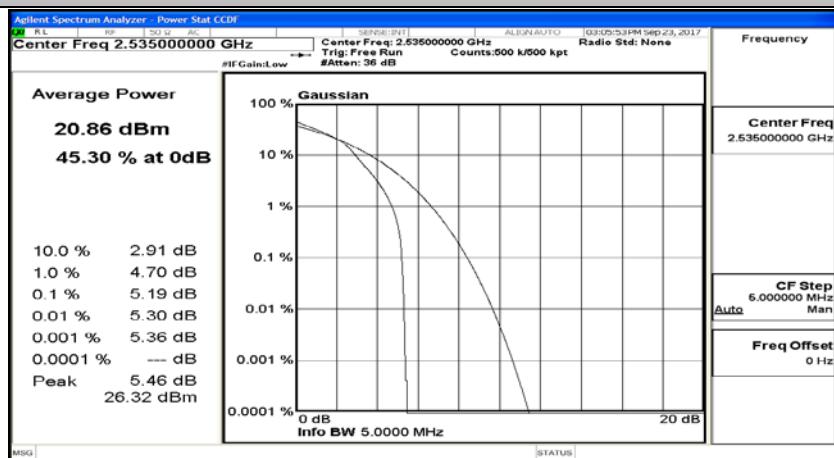
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



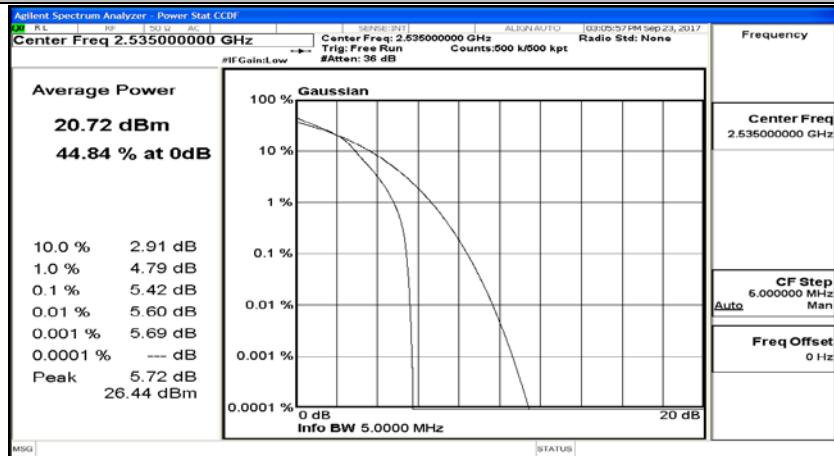
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



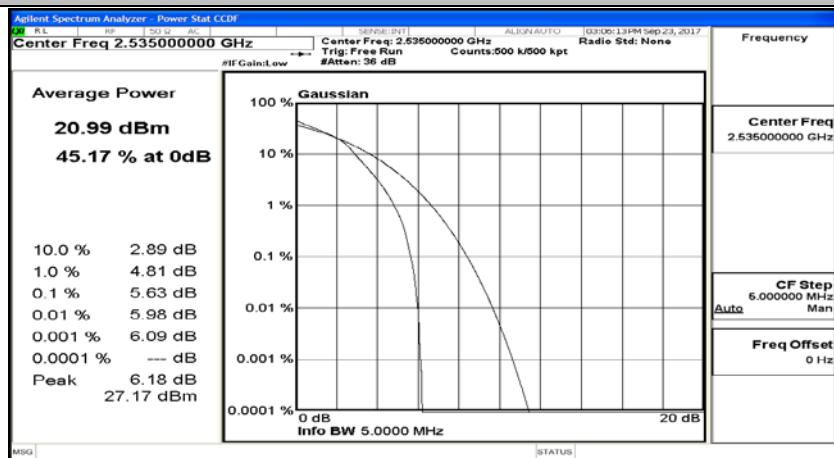
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



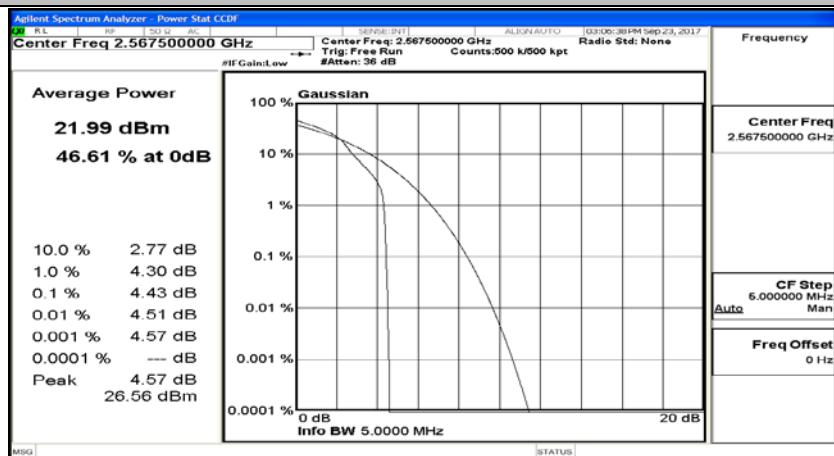
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



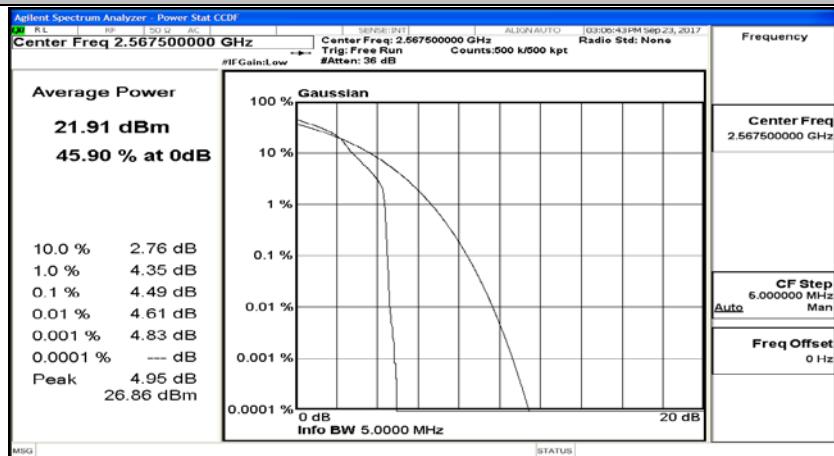
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



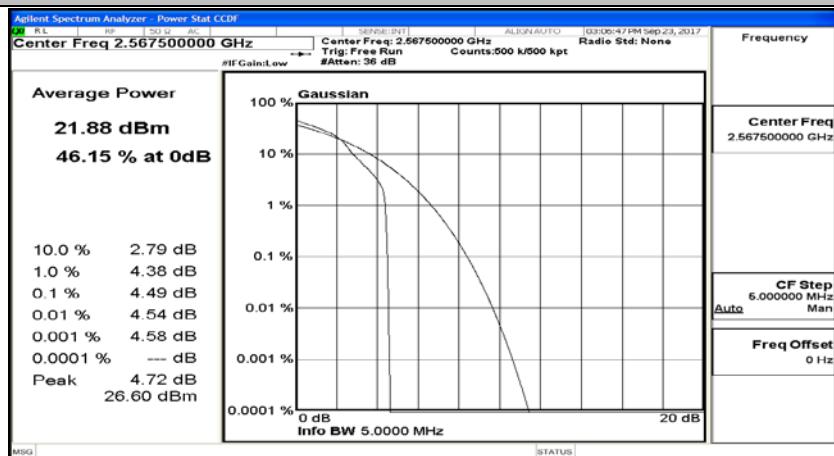
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



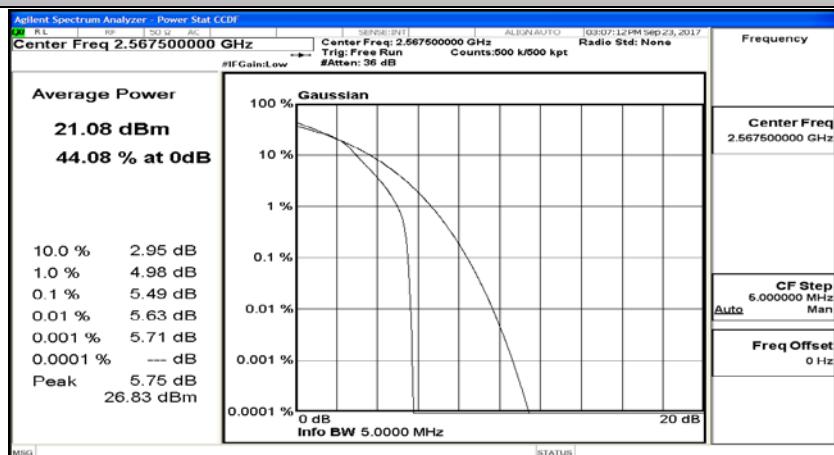
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



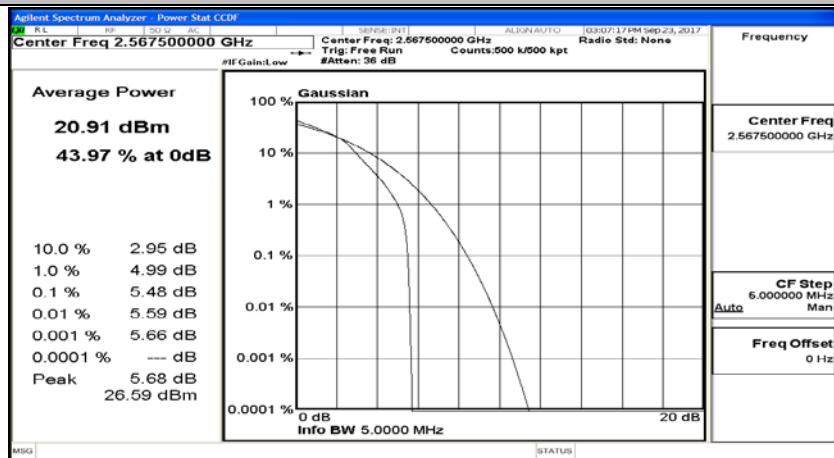
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



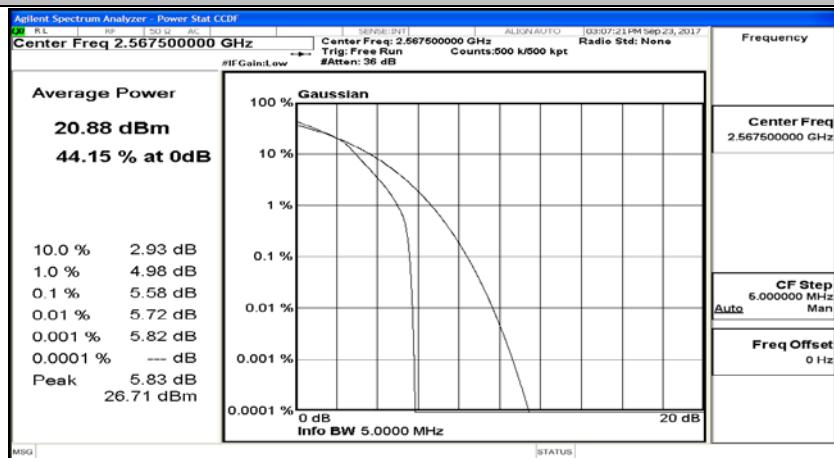
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



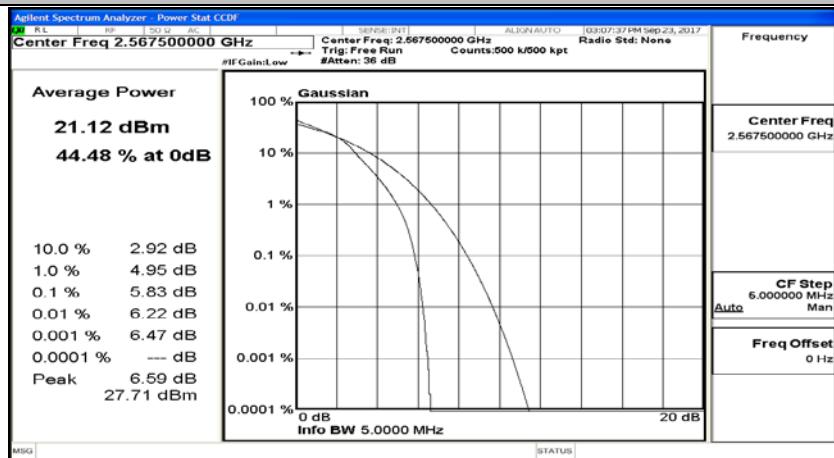
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



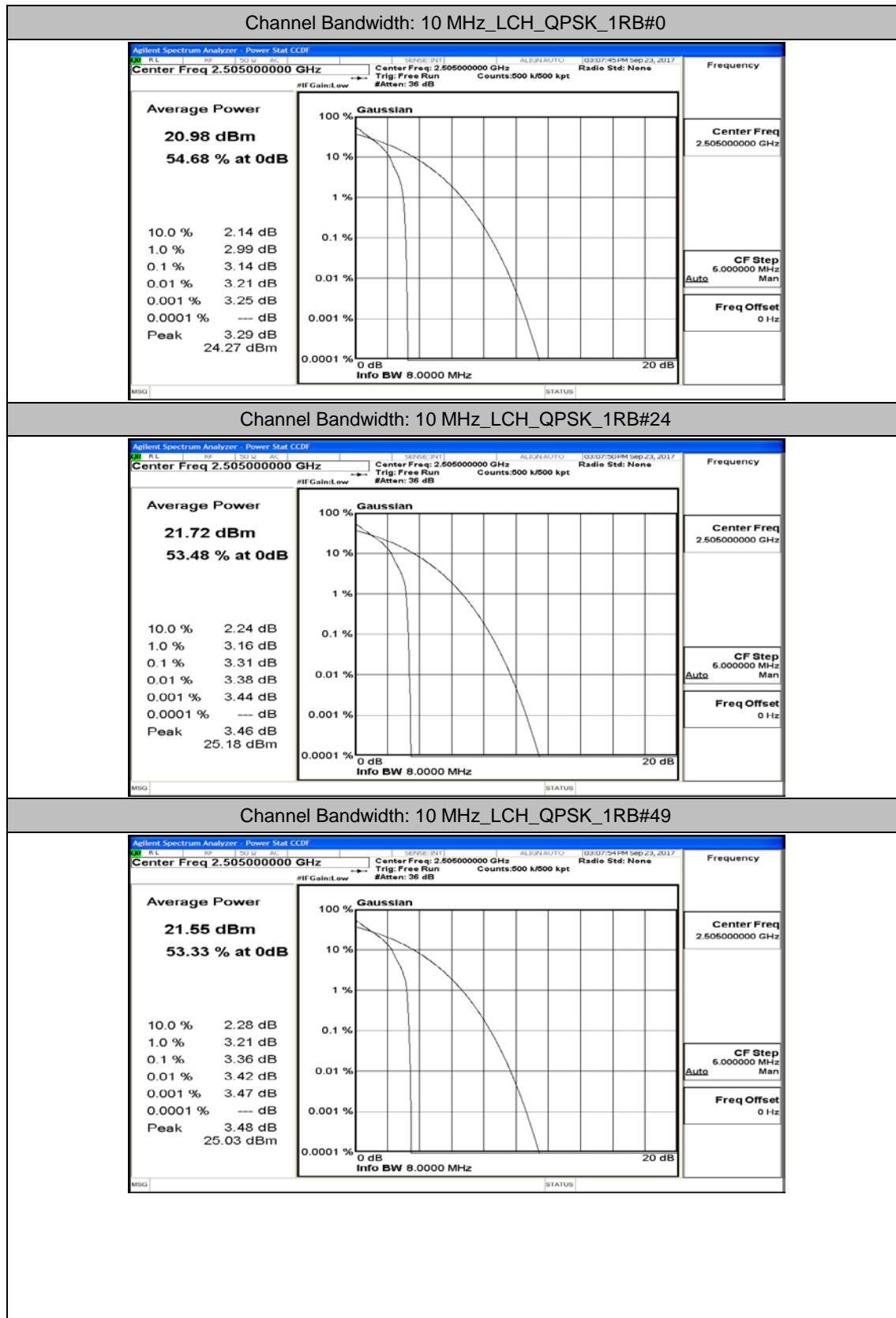
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



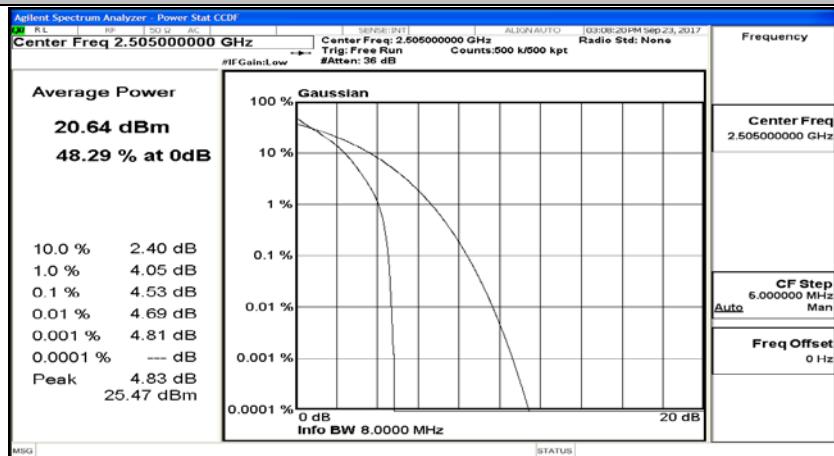
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



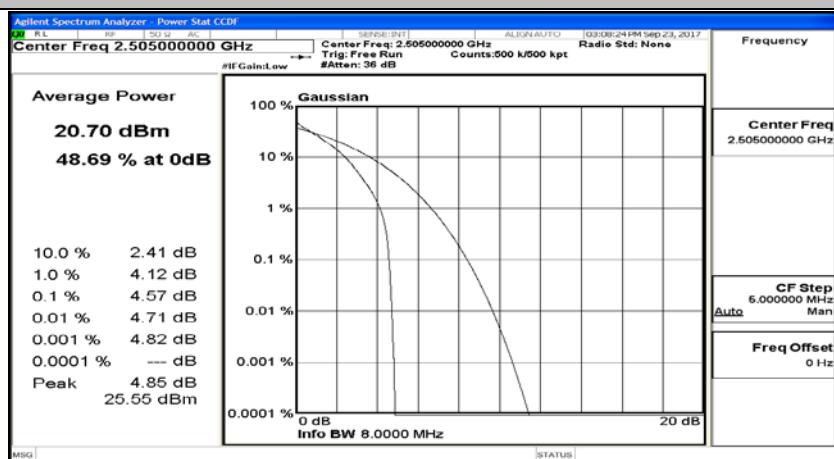
Channel Bandwidth: 10 MHz



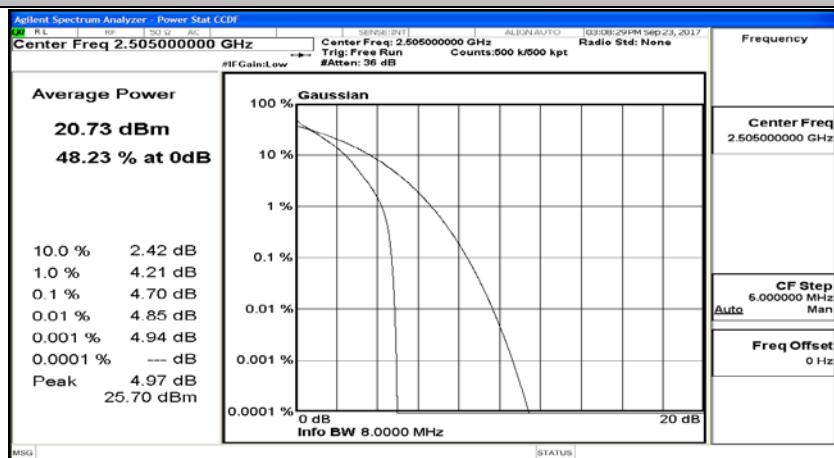
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0



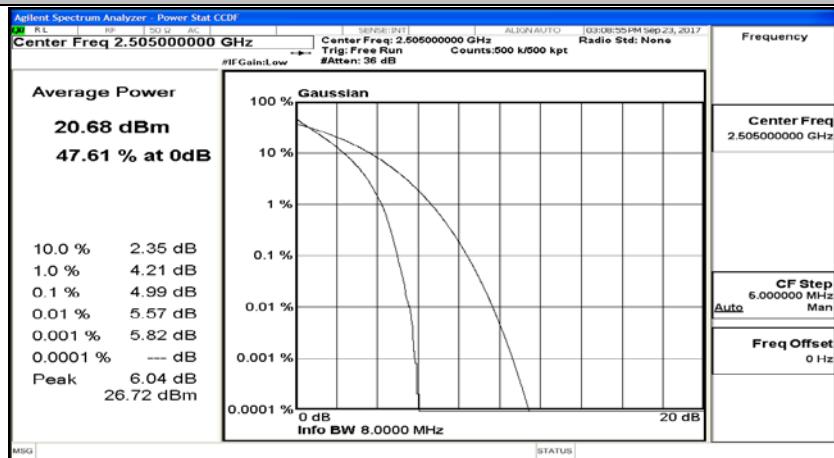
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25



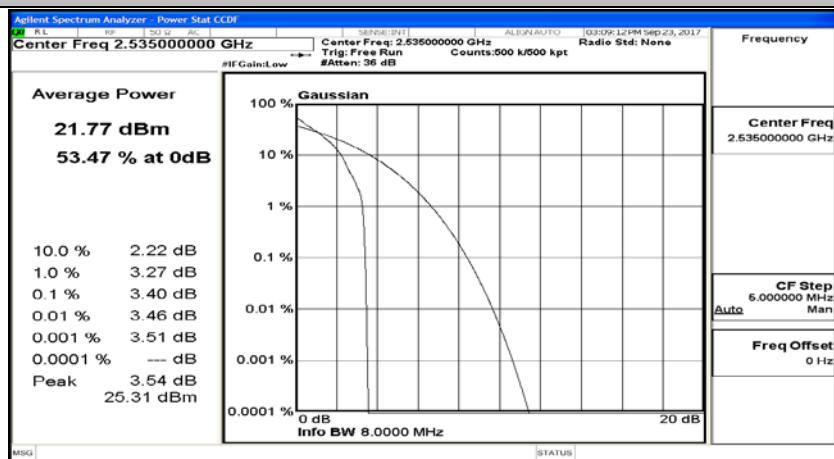
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



Frequency

Center Freq
2.505000000 GHzCF Step
6.000000 MHz
AutoFreq Offset
0 Hz

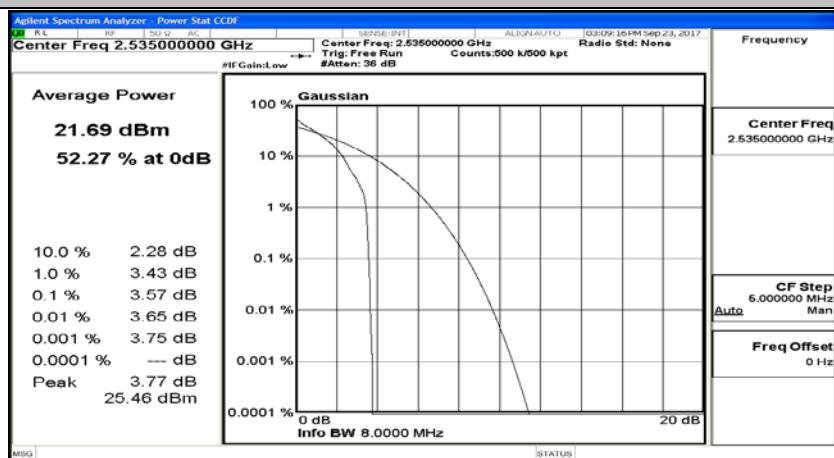
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



Frequency

Center Freq
2.535000000 GHzCF Step
6.000000 MHz
AutoFreq Offset
0 Hz

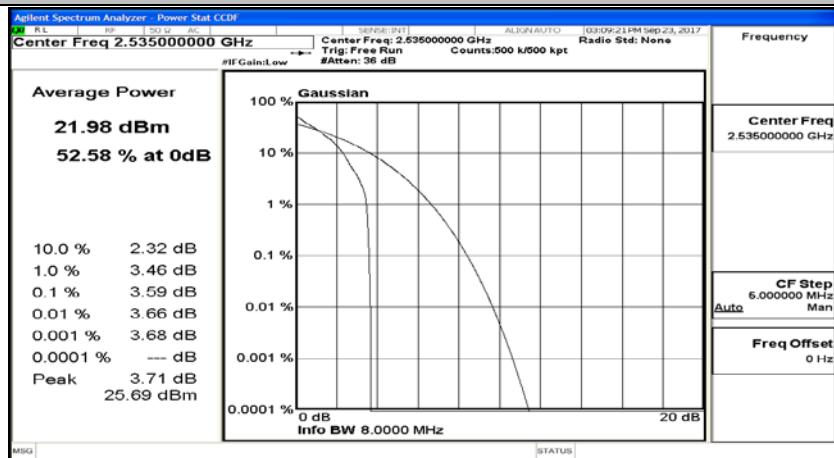
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



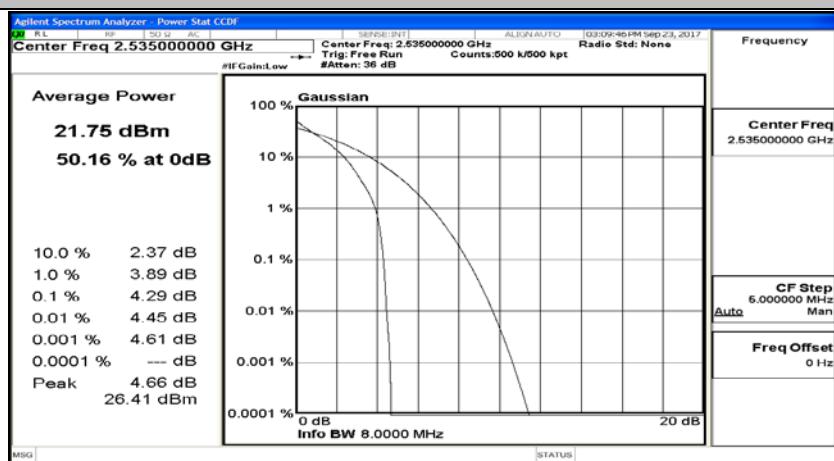
Frequency

Center Freq
2.535000000 GHzCF Step
6.000000 MHz
AutoFreq Offset
0 Hz

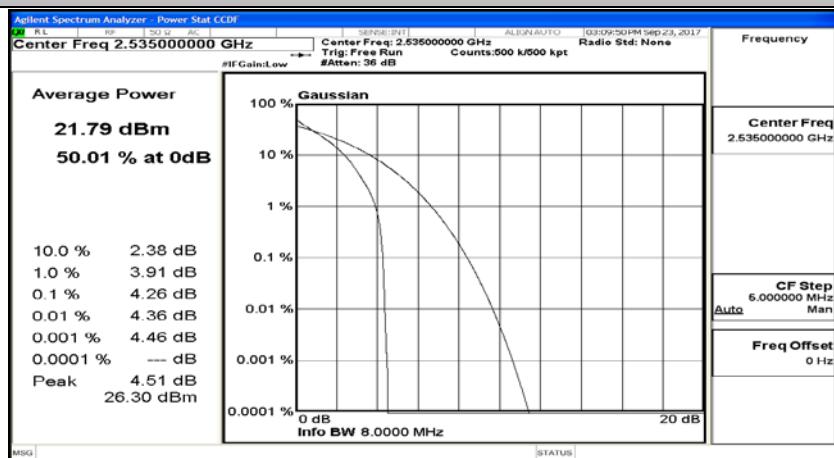
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



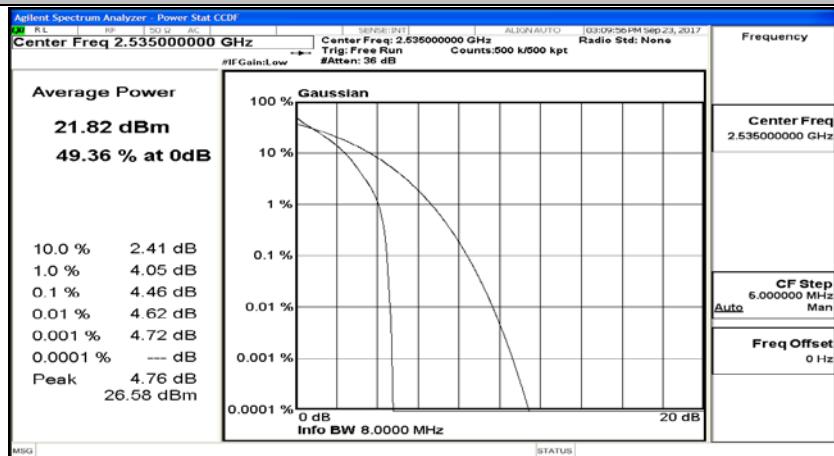
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



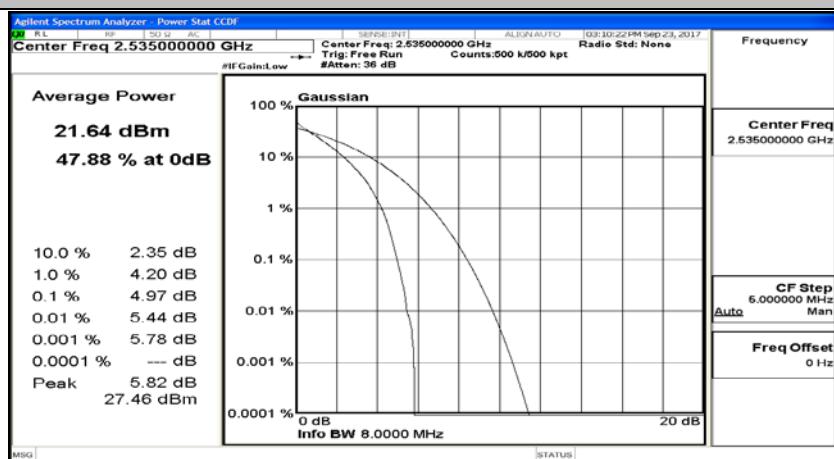
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



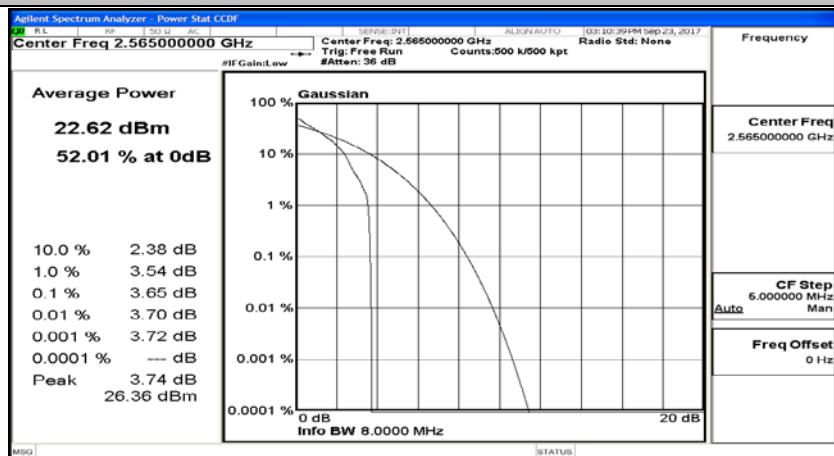
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



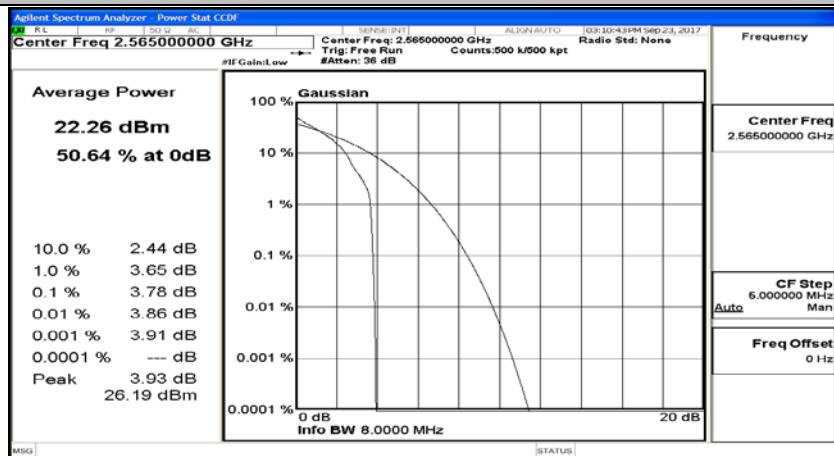
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



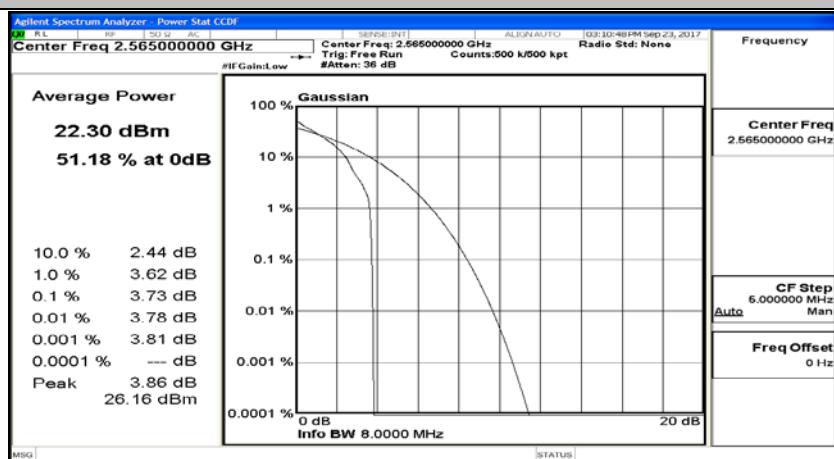
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



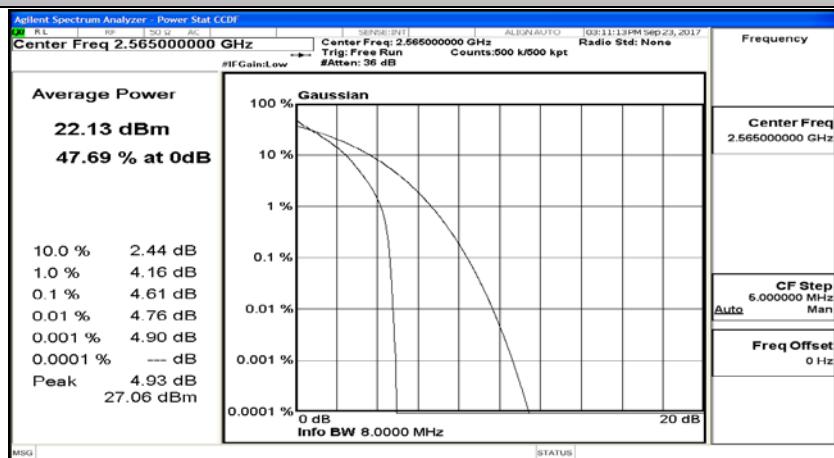
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



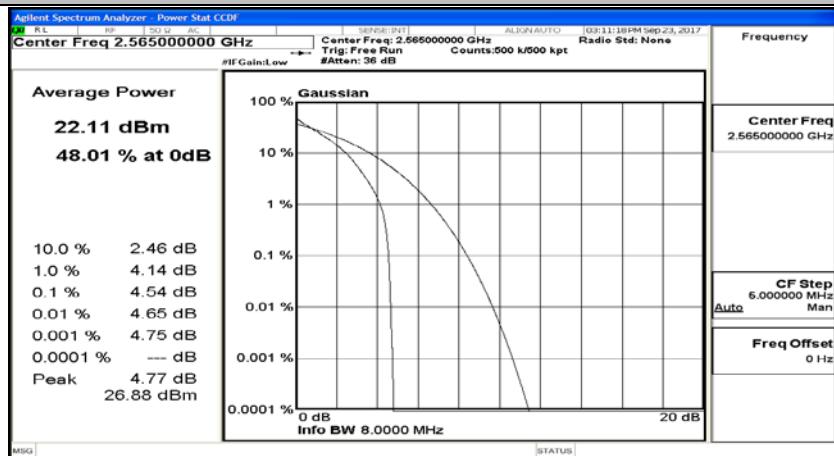
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



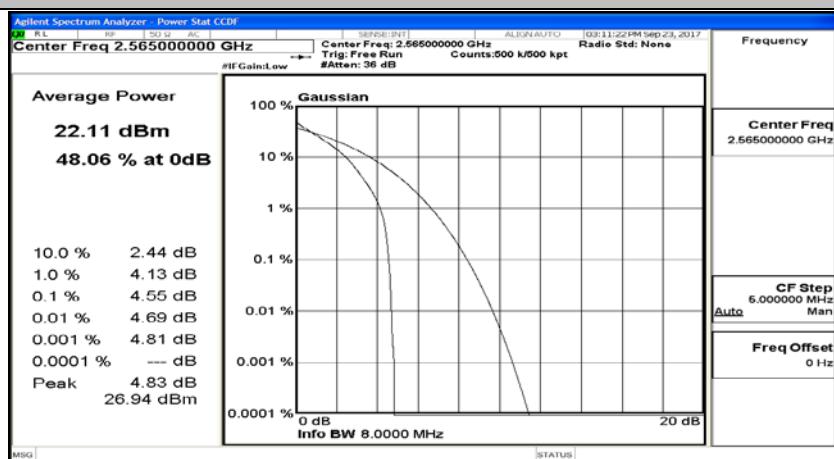
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



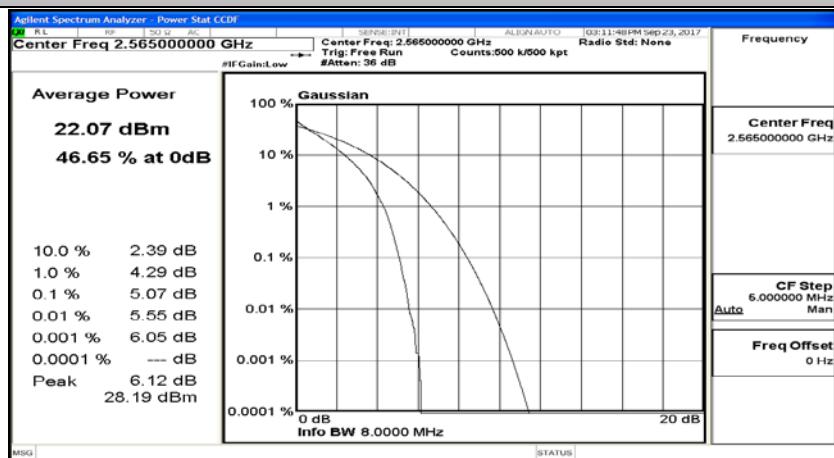
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



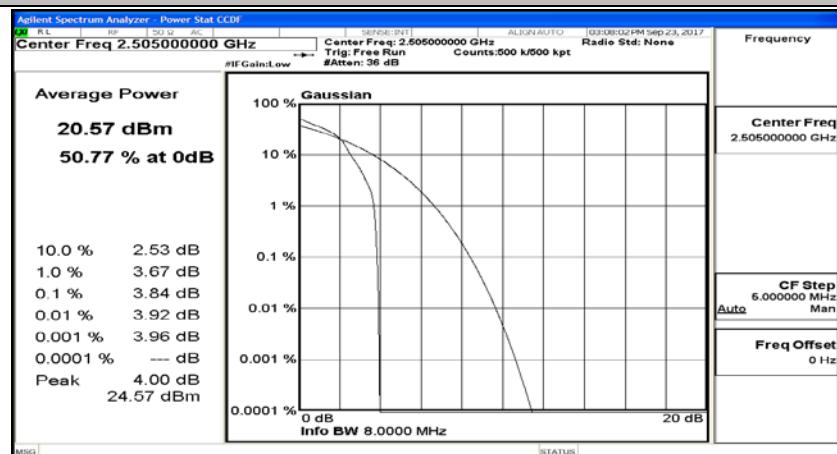
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25



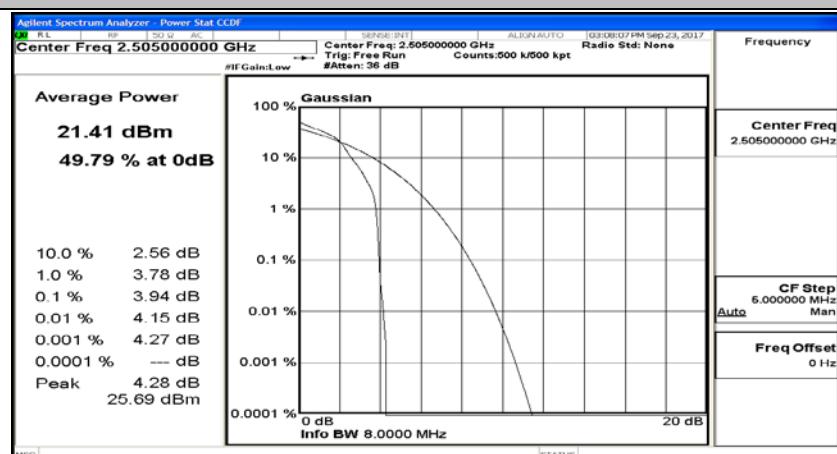
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



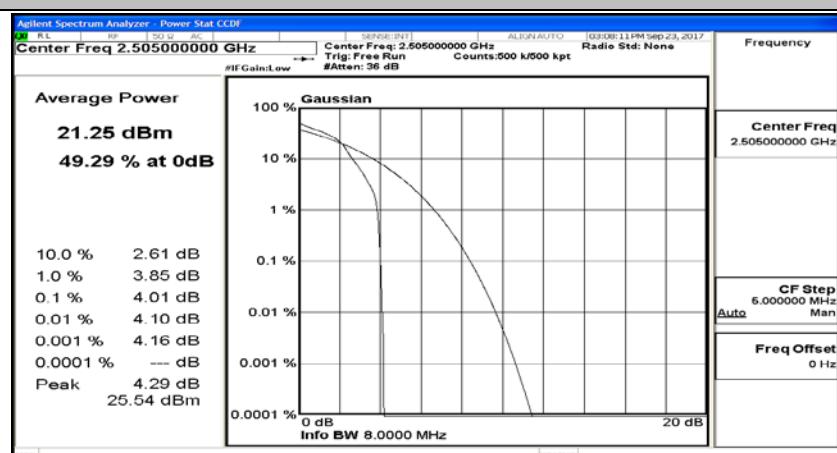
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



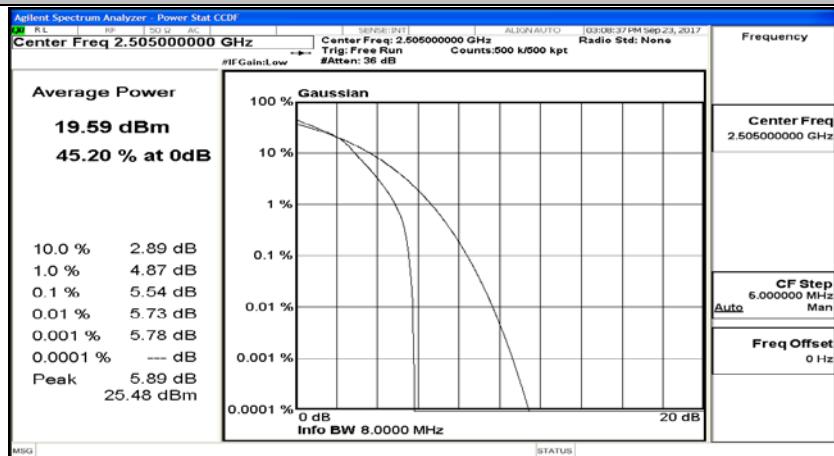
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



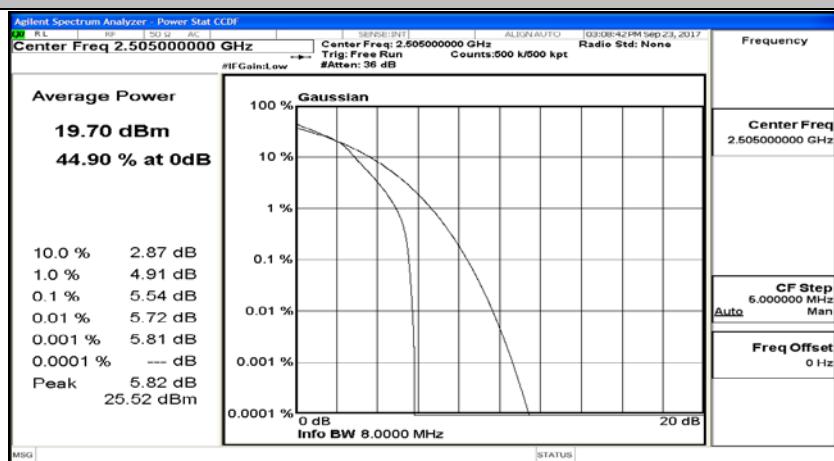
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0



Frequency

Center Freq
2.505000000 GHzCF Step
6.000000 MHz
AutoFreq Offset
0 Hz

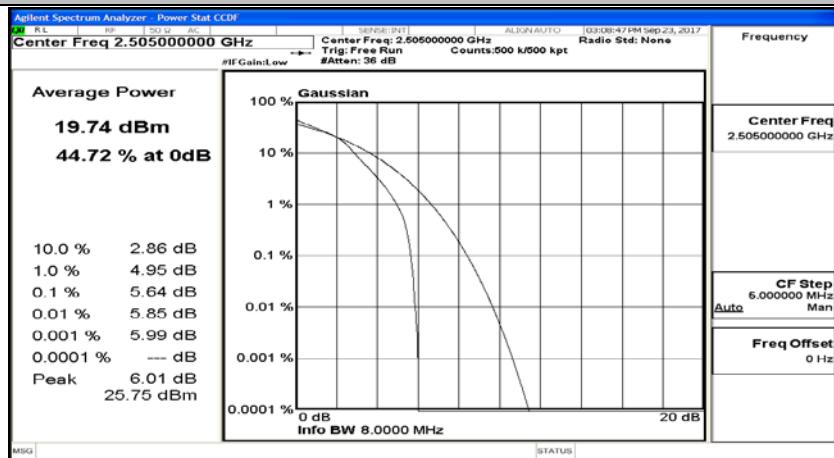
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12



Frequency

Center Freq
2.505000000 GHzCF Step
6.000000 MHz
AutoFreq Offset
0 Hz

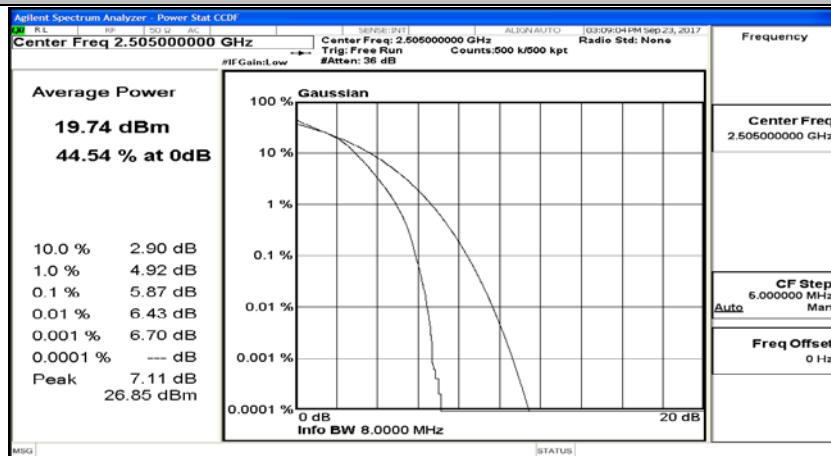
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25



Frequency

Center Freq
2.505000000 GHzCF Step
6.000000 MHz
AutoFreq Offset
0 Hz

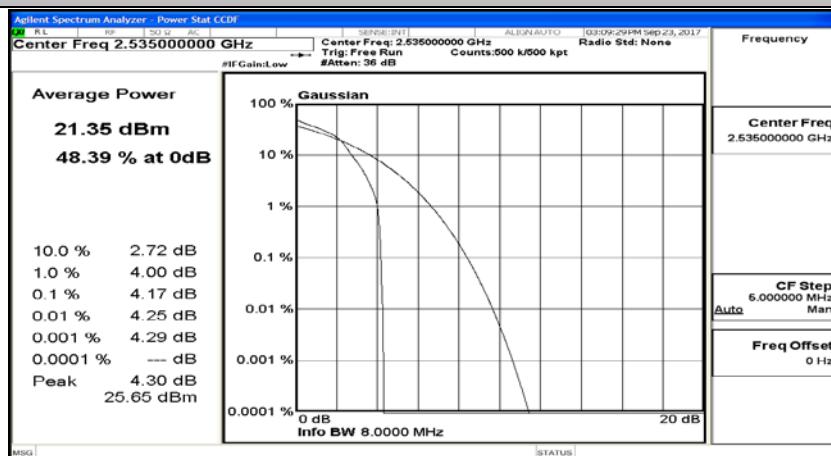
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Frequency

Center Freq
2.505000000 GHzCF Step
6.000000 MHz
AutoFreq Offset
0 Hz

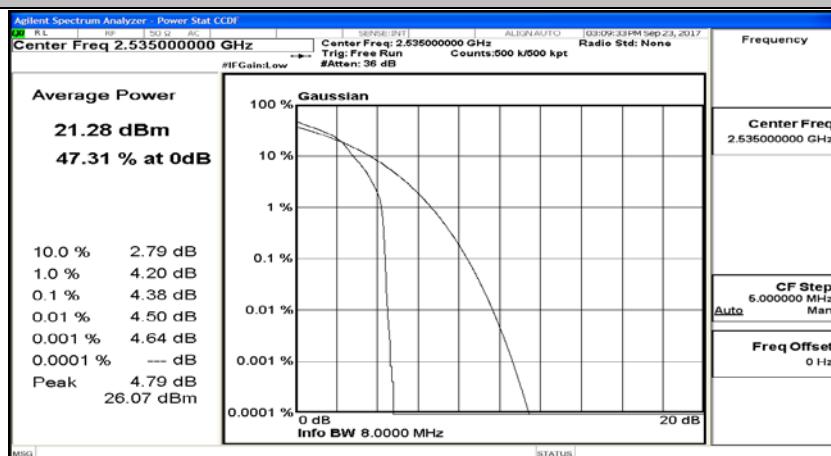
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



Frequency

Center Freq
2.535000000 GHzCF Step
6.000000 MHz
AutoFreq Offset
0 Hz

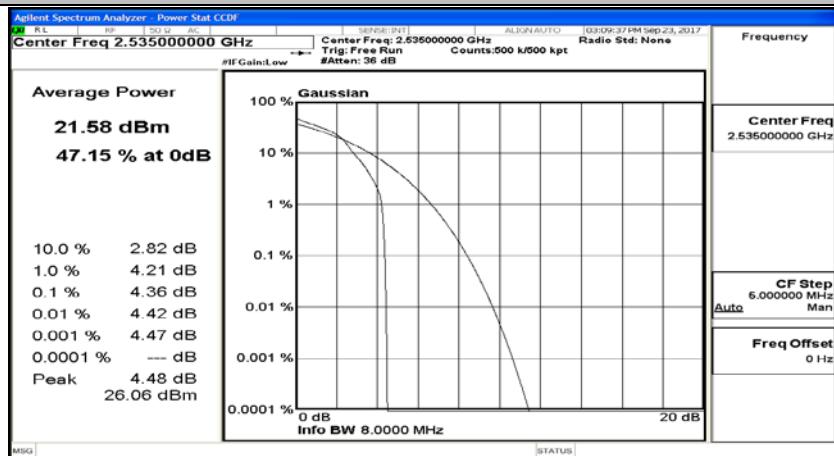
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



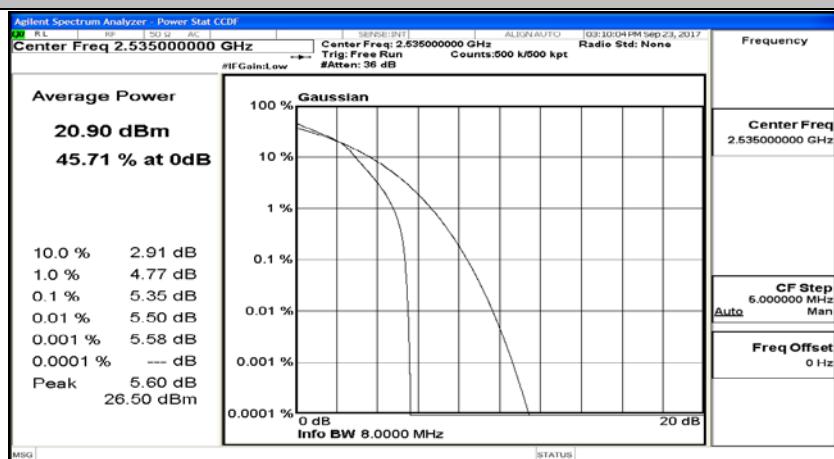
Frequency

Center Freq
2.535000000 GHzCF Step
6.000000 MHz
AutoFreq Offset
0 Hz

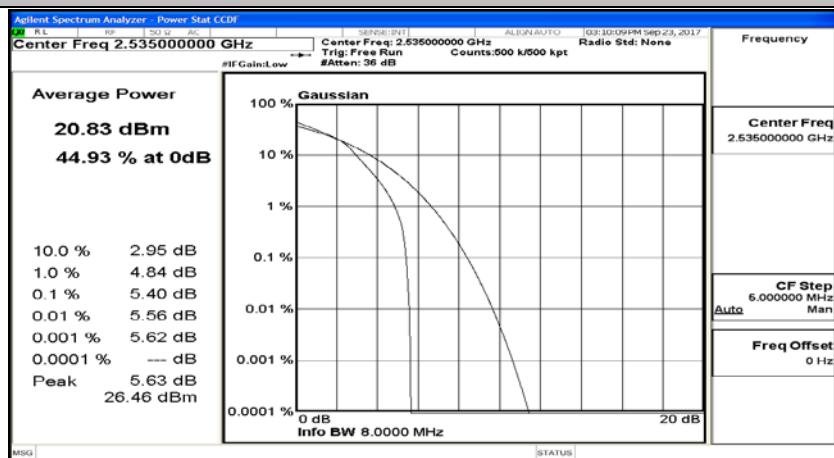
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



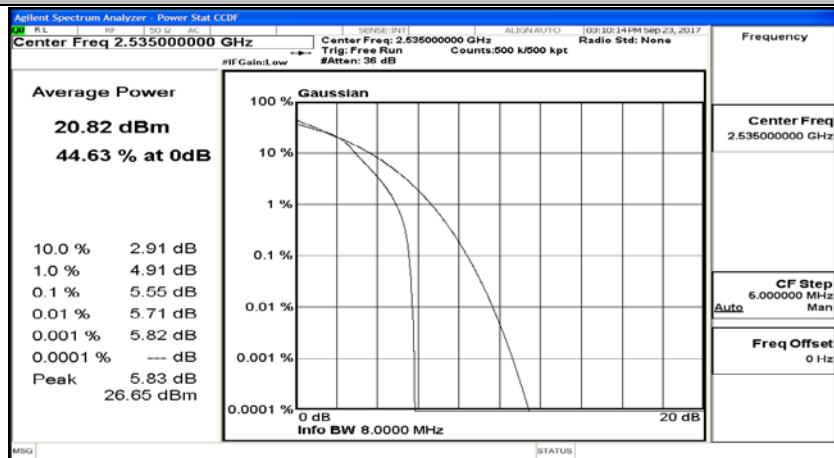
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0



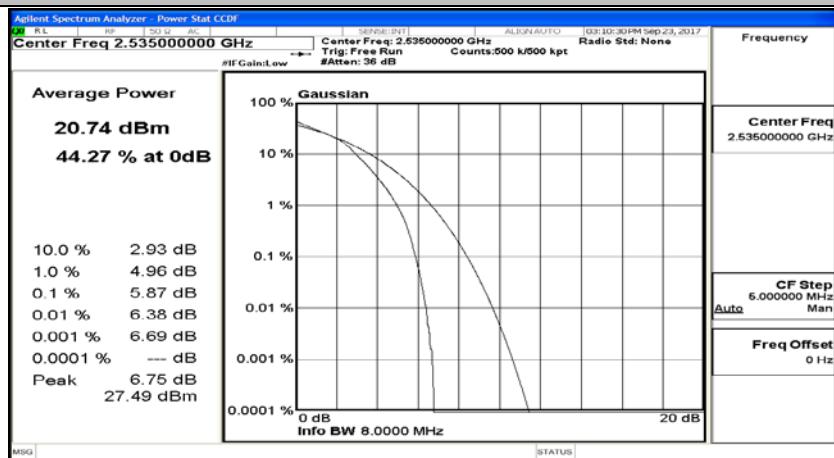
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



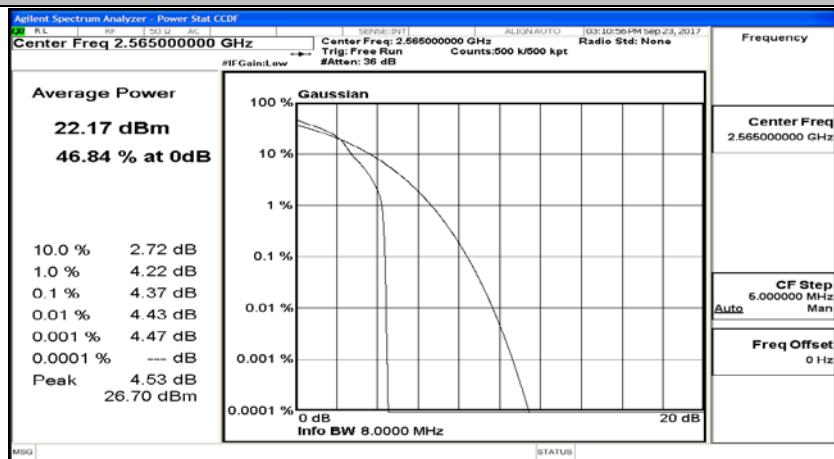
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25



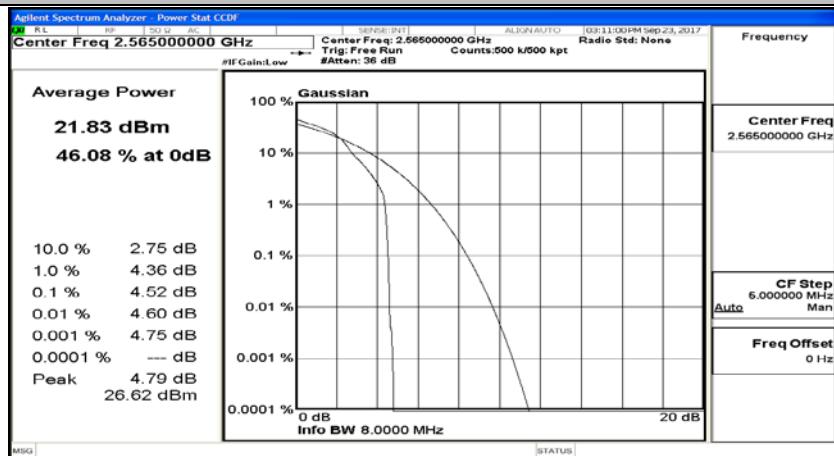
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



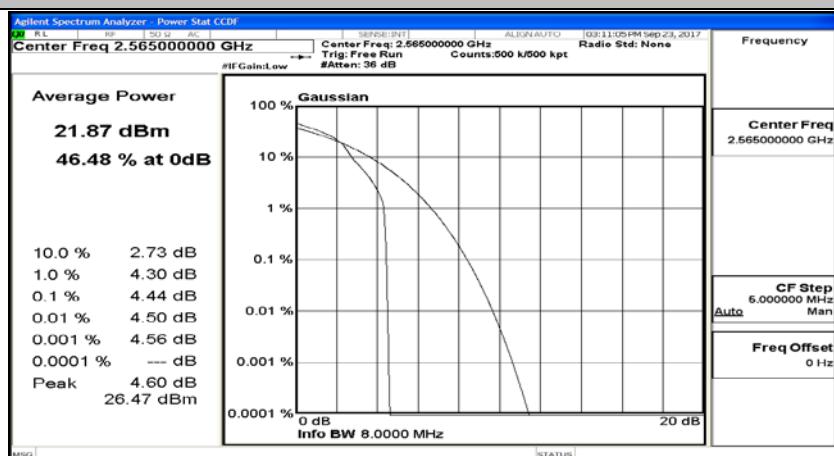
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



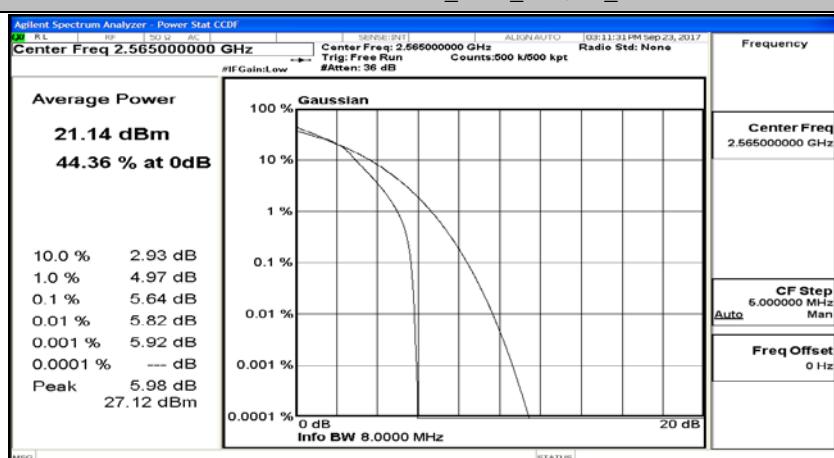
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



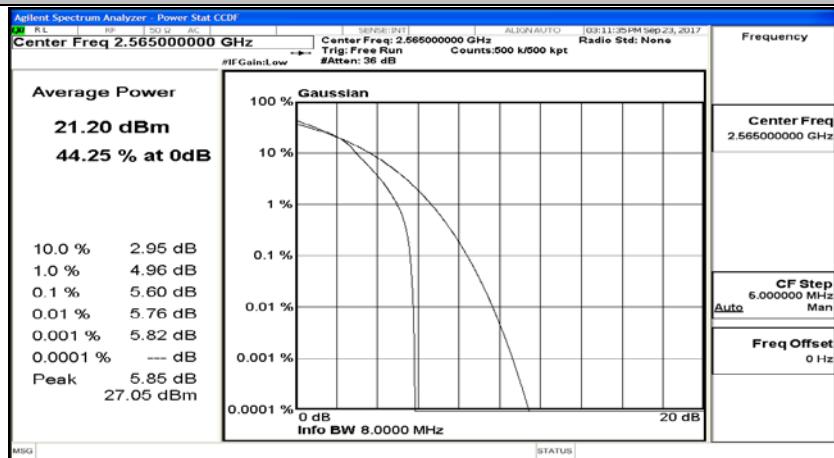
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



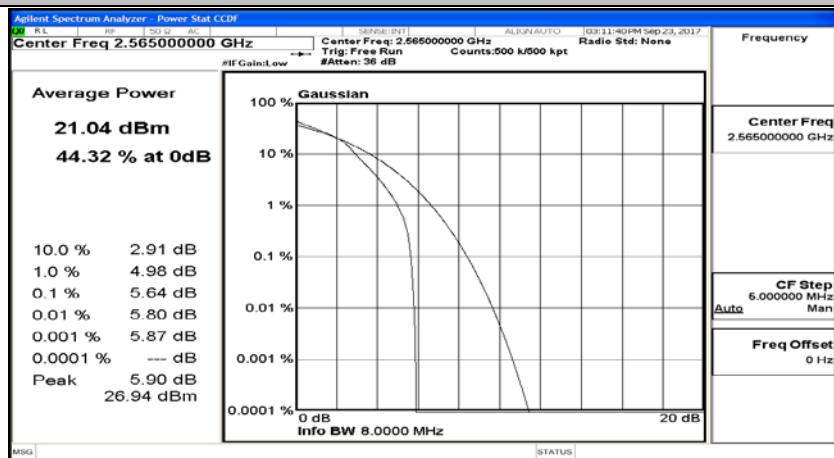
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

