Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 2.685000000 GHz
Center Freq: 2.685000000 GHz — Trig: Free Run — Counts:500 k/500 kpt — Radio Std: None
SENSE:INT — ALIGN AUTO — 09:07:58 AM Mar 13, 2018
#Atten: 36 dB — #IFGain:Low

Average Power
13.17 dBm
24.34 % at 0dB

10.0 %	5.94 dB
1.0 %	9.26 dB
0.1 %	10.99 dB
0.01 %	11.36 dB
0.001 %	11.46 dB
0.0001 %	--- dB
Peak	16.93 dB
	30.10 dBm

Gaussian
Info BW 8.0000 MHz

Frequency — Center Freq 2.685000000 GHz — CF Step 6.000000 MHz Auto/Man — Freq Offset 0 Hz

Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25

Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 2.685000000 GHz
Center Freq: 2.685000000 GHz — Trig: Free Run — Counts:500 k/500 kpt — Radio Std: None
SENSE:INT — ALIGN AUTO — 09:08:03 AM Mar 13, 2018
#Atten: 36 dB — #IFGain:Low

Average Power
13.17 dBm
25.61 % at 0dB

10.0 %	5.83 dB
1.0 %	9.05 dB
0.1 %	10.59 dB
0.01 %	11.06 dB
0.001 %	11.30 dB
0.0001 %	--- dB
Peak	12.14 dB
	25.31 dBm

Gaussian
Info BW 8.0000 MHz

Frequency — Center Freq 2.685000000 GHz — CF Step 6.000000 MHz Auto/Man — Freq Offset 0 Hz

Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 2.685000000 GHz
Center Freq: 2.685000000 GHz — Trig: Free Run — Counts:500 k/500 kpt — Radio Std: None
SENSE:INT — ALIGN AUTO — 09:08:21 AM Mar 13, 2018
#Atten: 36 dB — #IFGain:Low

Average Power
15.37 dBm
36.48 % at 0dB

10.0 %	4.87 dB
1.0 %	7.58 dB
0.1 %	8.99 dB
0.01 %	9.43 dB
0.001 %	9.70 dB
0.0001 %	--- dB
Peak	11.53 dB
	26.90 dBm

Gaussian
Info BW 8.0000 MHz

Frequency — Center Freq 2.685000000 GHz — CF Step 6.000000 MHz Auto/Man — Freq Offset 0 Hz

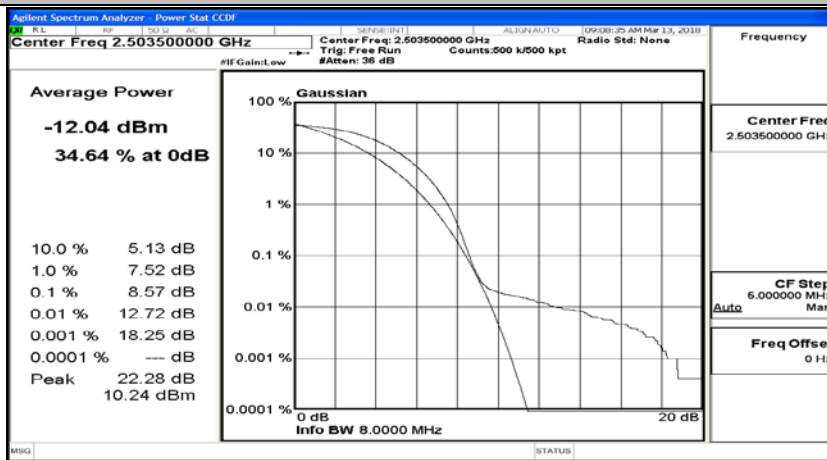## Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0

Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 2.503500000 GHz
#IFGain:Low
SENSE:INT   Center Freq: 2.503500000 GHz   ALIGN AUTO   09:08:35 AM Mar 13, 2018
Trig: Free Run   Counts:500 k/500 kpt   Radio Std: None
#Atten: 36 dB

Average Power
-12.04 dBm
34.64 % at 0dB

Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %

10.0 %	5.13 dB
1.0 %	7.52 dB
0.1 %	8.57 dB
0.01 %	12.72 dB
0.001 %	18.25 dB
0.0001 %	--- dB
Peak	22.28 dB
	10.24 dBm

0 dB   Info BW 8.0000 MHz   20 dB

Frequency
Center Freq 2.503500000 GHz
CF Step 6.000000 MHz   Auto   Man
Freq Offset 0 Hz
MSG   STATUS

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#37

Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 2.503500000 GHz
#IFGain:Low
SENSE:INT   Center Freq: 2.503500000 GHz   ALIGN AUTO   09:08:40 AM Mar 13, 2018
Trig: Free Run   Counts:500 k/500 kpt   Radio Std: None
#Atten: 36 dB

Average Power
14.42 dBm
31.29 % at 0dB

Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %

10.0 %	5.25 dB
1.0 %	8.31 dB
0.1 %	9.07 dB
0.01 %	9.46 dB
0.001 %	9.75 dB
0.0001 %	--- dB
Peak	9.84 dB
	24.26 dBm

0 dB   Info BW 8.0000 MHz   20 dB

Frequency
Center Freq 2.503500000 GHz
CF Step 6.000000 MHz   Auto   Man
Freq Offset 0 Hz
MSG   STATUS

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#74

Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 2.503500000 GHz
#IFGain:Low
SENSE:INT   Center Freq: 2.503500000 GHz   ALIGN AUTO   09:08:47 AM Mar 13, 2018
Trig: Free Run   Counts:500 k/500 kpt   Radio Std: None
#Atten: 36 dB

Average Power
-12.19 dBm
36.19 % at 0dB

Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %

10.0 %	4.84 dB
1.0 %	7.68 dB
0.1 %	9.25 dB
0.01 %	12.98 dB
0.001 %	18.77 dB
0.0001 %	--- dB
Peak	27.63 dB
	15.44 dBm

0 dB   Info BW 8.0000 MHz   20 dB

Frequency
Center Freq 2.503500000 GHz
CF Step 6.000000 MHz   Auto   Man
Freq Offset 0 Hz
MSG   STATUS

(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#0

Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 2.503500000 GHz
#IFGain:Low

SENSE:INT
Center Freq: 2.503500000 GHz
Trig: Free Run
#Atten: 36 dB
ALIGN AUTO
Counts:500 k/500 kpt
Radio Std: None
09:09:18 AM Mar 13, 2018

Frequency

Center Freq
2.503500000 GHz

CF Step
6.000000 MHz
Auto   Man

Freq Offset
0 Hz

Average Power

13.26 dBm

33.36 % at 0dB

10.0 %	5.36 dB
1.0 %	7.22 dB
0.1 %	8.02 dB
0.01 %	8.42 dB
0.001 %	8.59 dB
0.0001 %	--- dB
Peak	9.07 dB
	22.33 dBm

Gaussian
100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 %
0 dB   20 dB
Info BW 8.0000 MHz

MSG   STATUS

(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18

Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 2.503500000 GHz
#IFGain:Low

SENSE:INT
Center Freq: 2.503500000 GHz
Trig: Free Run
#Atten: 36 dB
ALIGN AUTO
Counts:500 k/500 kpt
Radio Std: None
09:09:24 AM Mar 13, 2018

Frequency

Center Freq
2.503500000 GHz

CF Step
6.000000 MHz
Auto   Man

Freq Offset
0 Hz

Average Power

12.00 dBm

23.01 % at 0dB

10.0 %	6.02 dB
1.0 %	9.93 dB
0.1 %	11.20 dB
0.01 %	11.69 dB
0.001 %	11.98 dB
0.0001 %	--- dB
Peak	13.60 dB
	25.60 dBm

Gaussian
100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 %
0 dB   20 dB
Info BW 8.0000 MHz

MSG   STATUS

(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38

Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 2.503500000 GHz
#IFGain:Low

SENSE:INT
Center Freq: 2.503500000 GHz
Trig: Free Run
#Atten: 36 dB
ALIGN AUTO
Counts:500 k/500 kpt
Radio Std: None
09:09:29 AM Mar 13, 2018

Frequency

Center Freq
2.503500000 GHz

CF Step
6.000000 MHz
Auto   Man

Freq Offset
0 Hz

Average Power

12.58 dBm

30.77 % at 0dB

10.0 %	5.62 dB
1.0 %	8.05 dB
0.1 %	9.05 dB
0.01 %	9.52 dB
0.001 %	9.90 dB
0.0001 %	--- dB
Peak	10.50 dB
	23.08 dBm

Gaussian
100 % 10 % 1 % 0.1 % 0.01 % 0.001 % 0.0001 %
0 dB   20 dB
Info BW 8.0000 MHz

MSG   STATUS

(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0

(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0

(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37
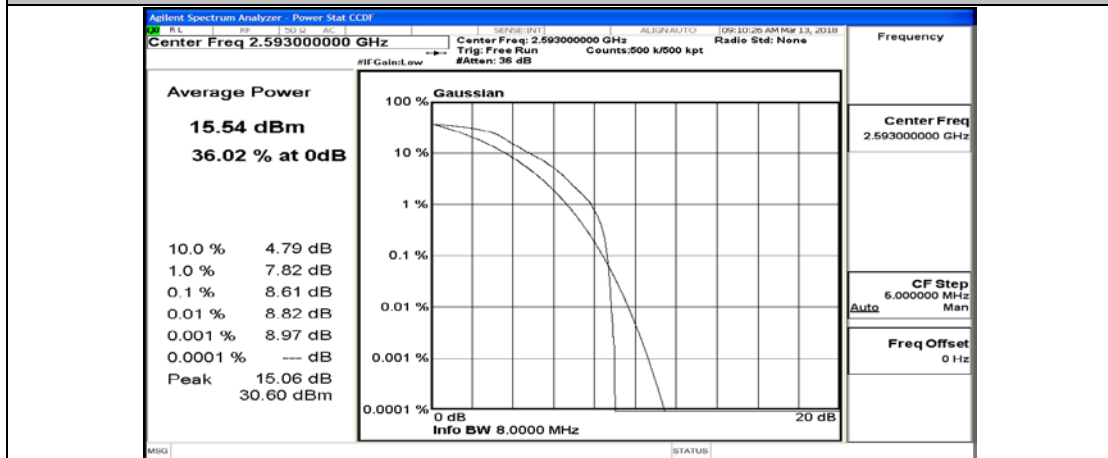
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74
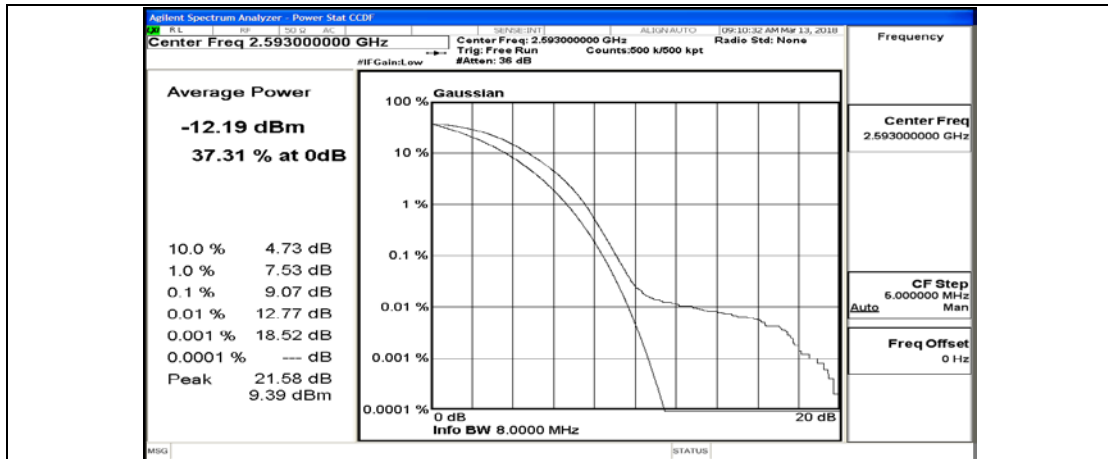
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0
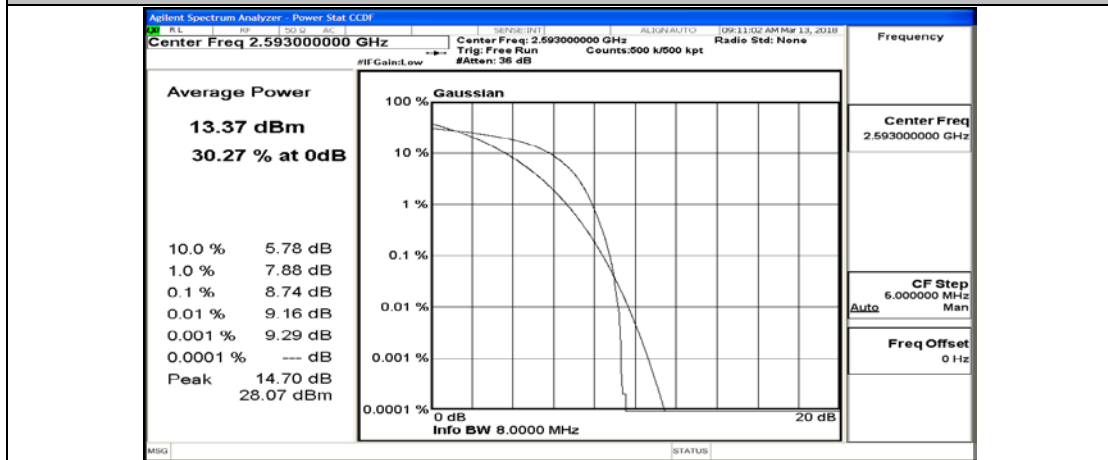
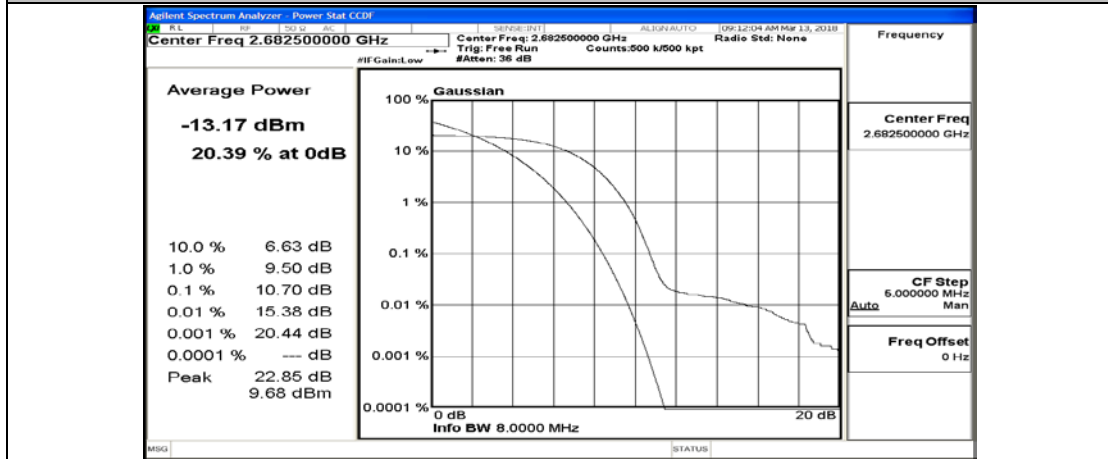(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18
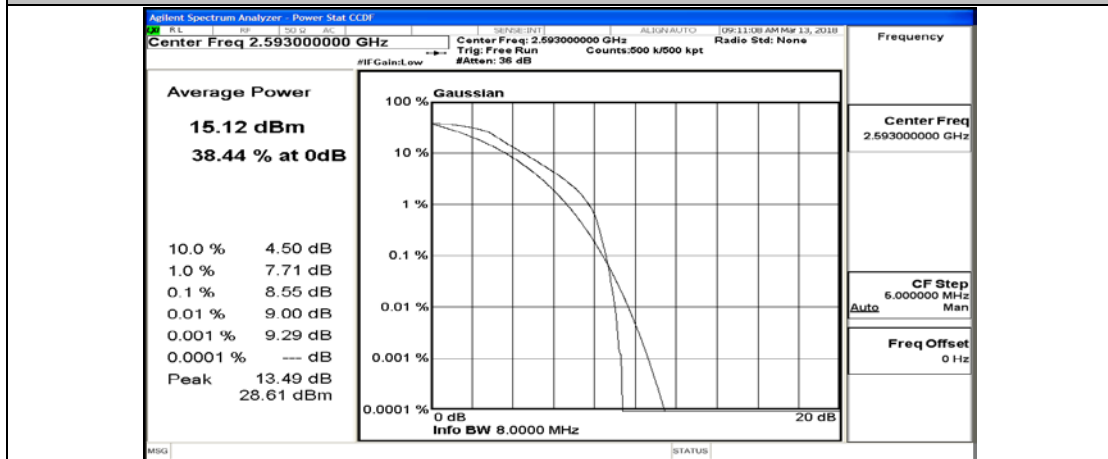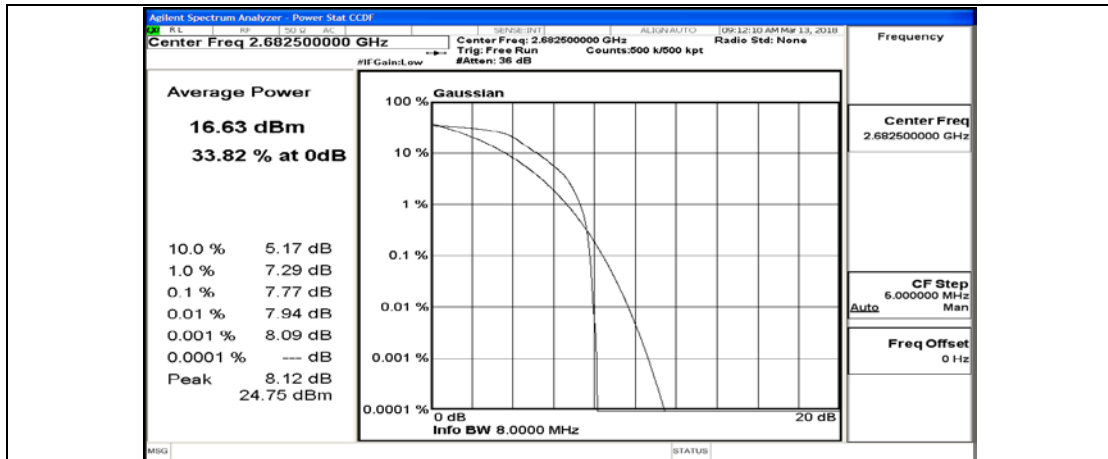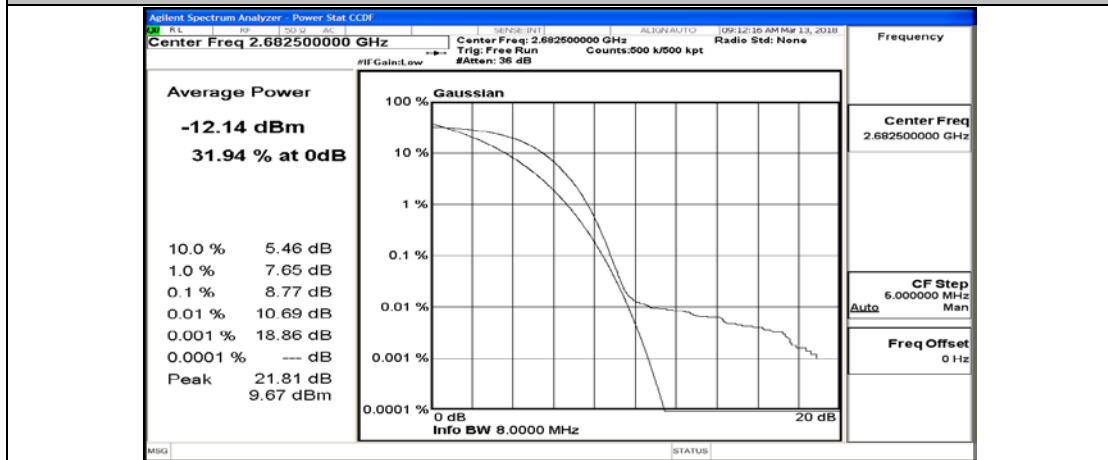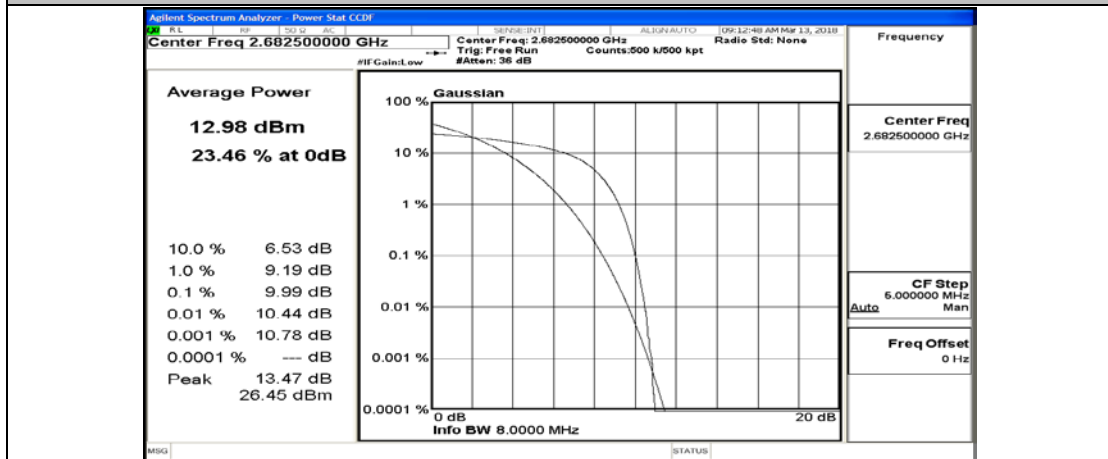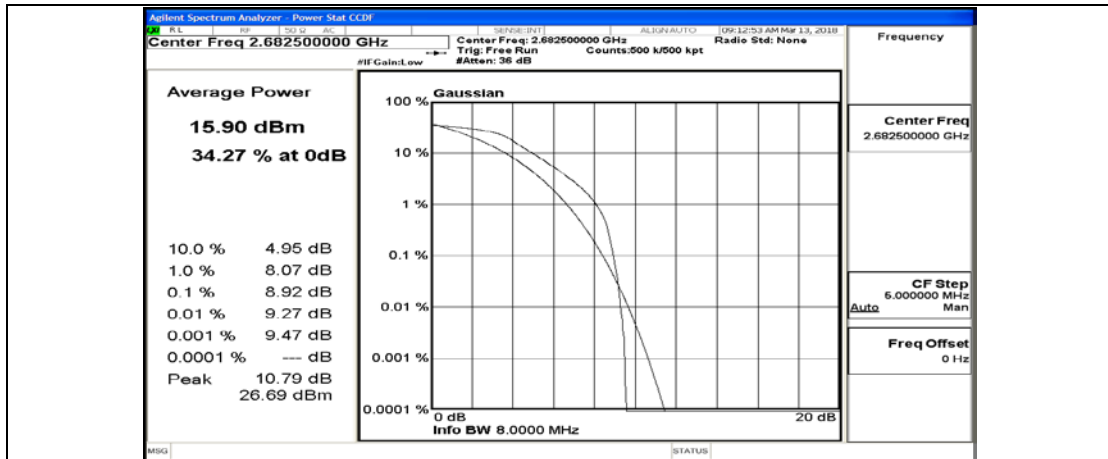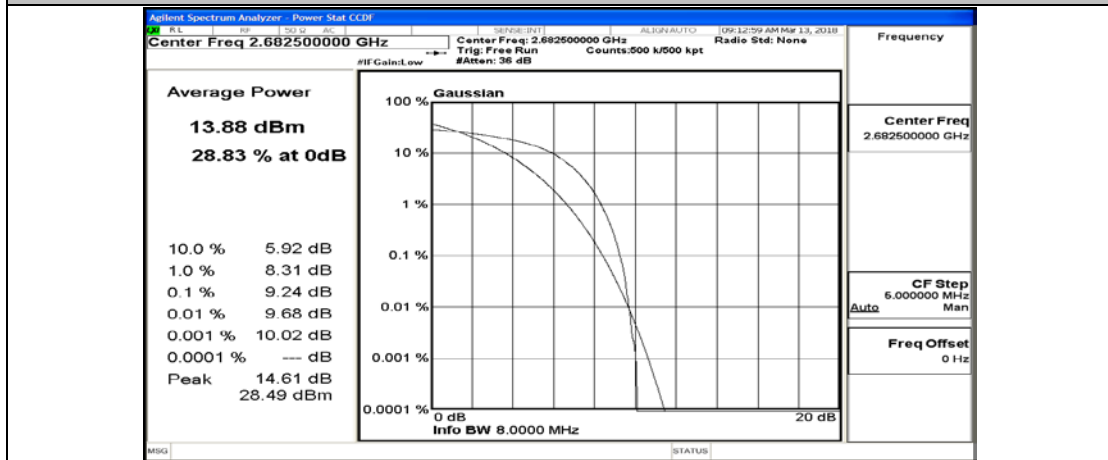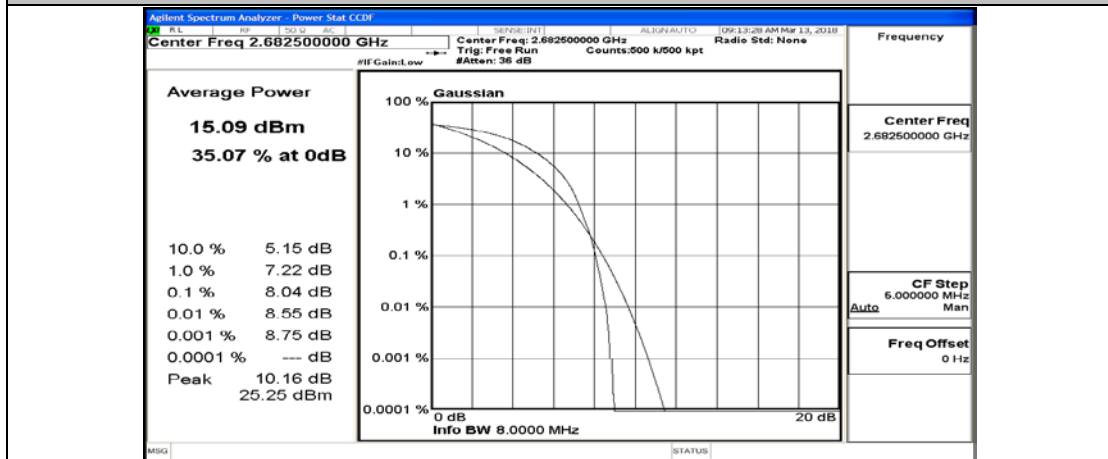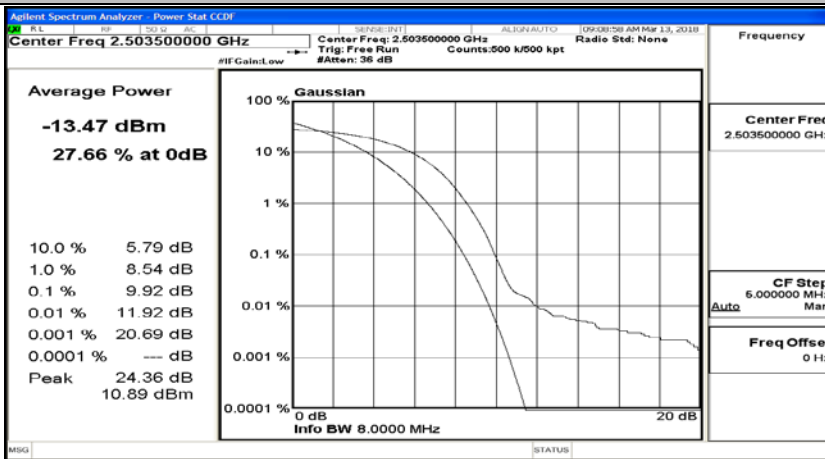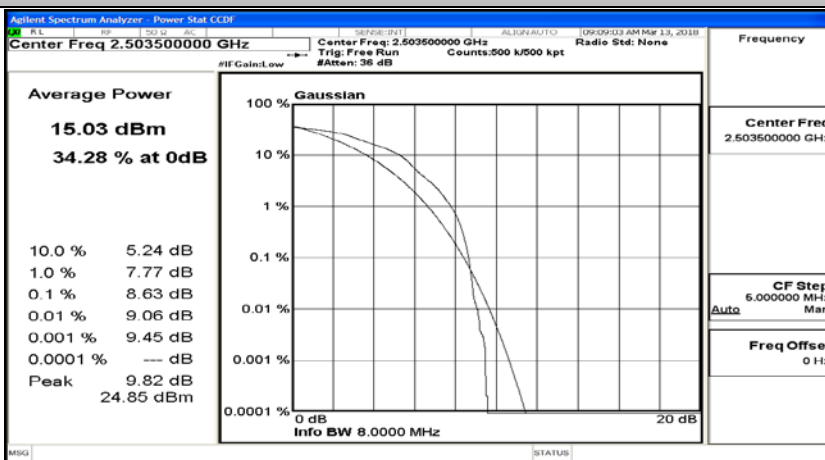

(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38
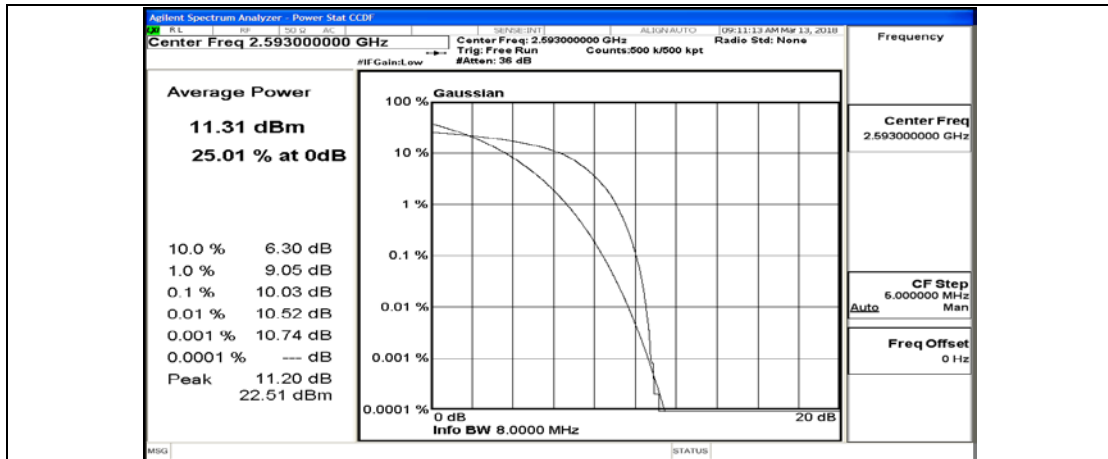
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0
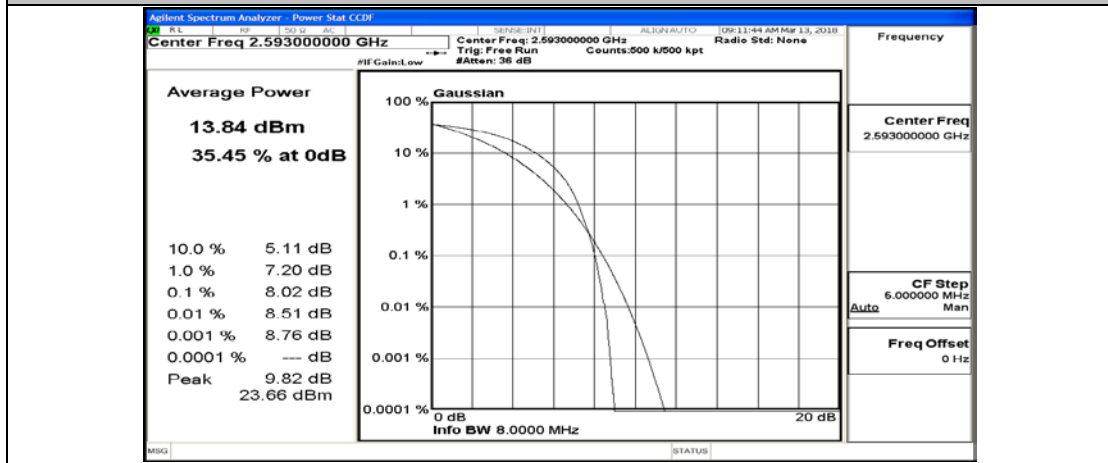
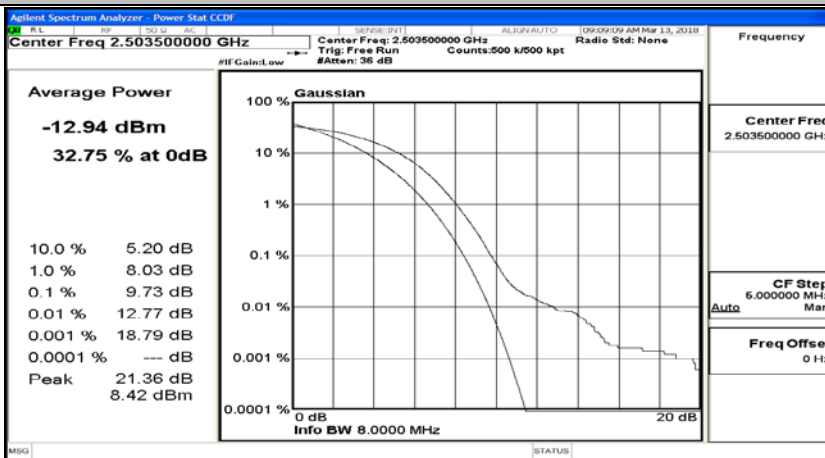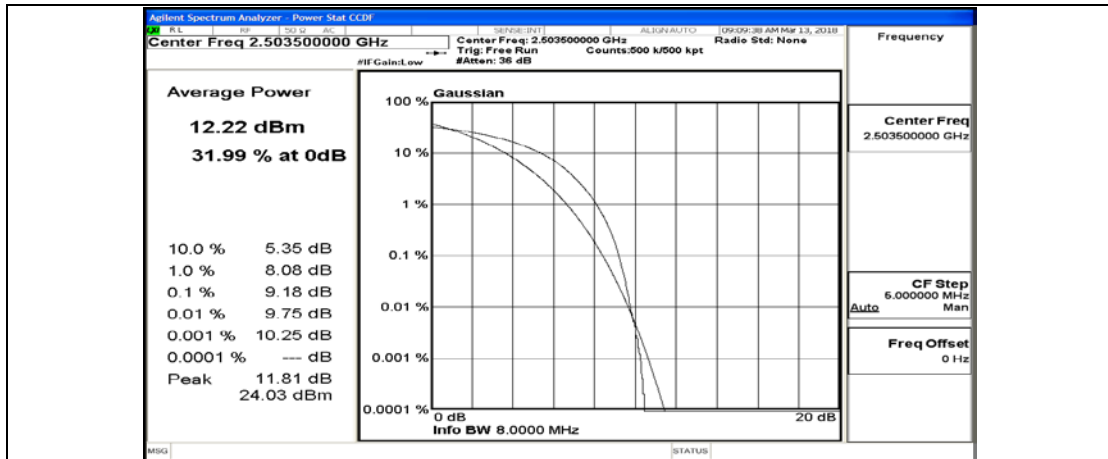(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0
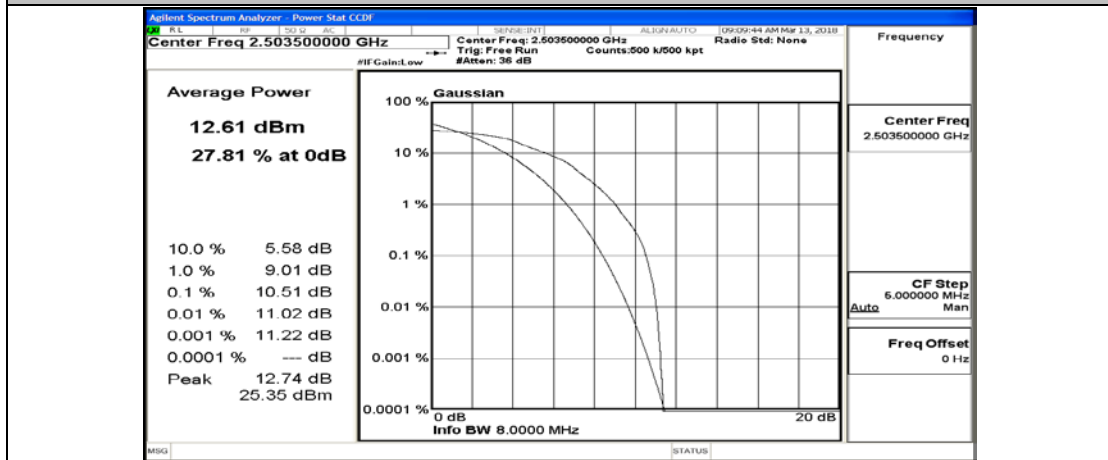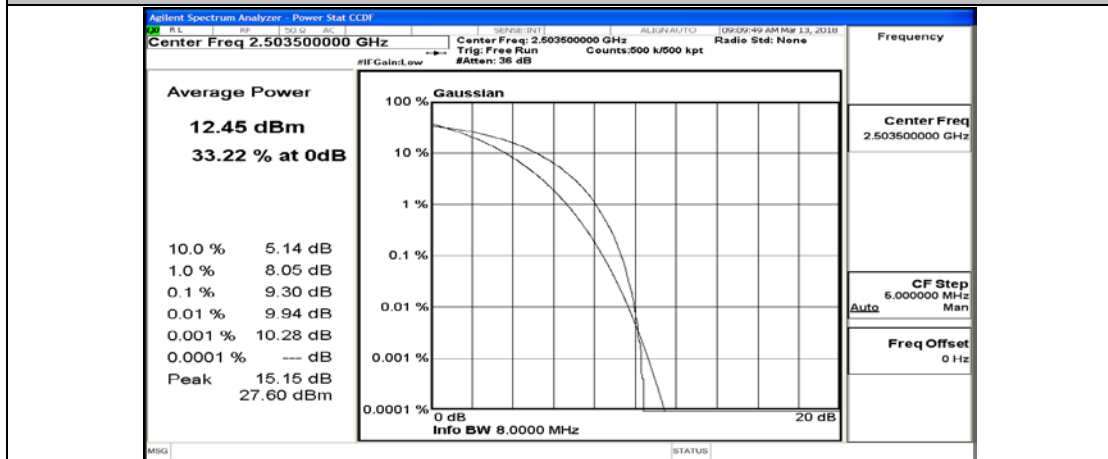

(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37

(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74

(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0

(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18

Agilent Spectrum Analyzer - Power Stat CCDF	
LXI R L RF 50 Ω AC	SENSE:INT ALIGN AUTO 09:12:53 AM Mar 13, 2018 Radio Std: None
Center Freq 2.682500000 GHz	Center Freq: 2.682500000 GHz Trig: Free Run Counts:500 k/500 kpt #Atten: 36 dB
#IFGain:Low	

Average Power

15.90 dBm

34.27 % at 0dB

10.0 %	4.95 dB
1.0 %	8.07 dB
0.1 %	8.92 dB
0.01 %	9.27 dB
0.001 %	9.47 dB
0.0001 %	--- dB
Peak	10.79 dB
	26.69 dBm

Gaussian

Info BW 8.0000 MHz

Frequency

Center Freq 2.682500000 GHz

CF Step 5.000000 MHz Auto Man

Freq Offset 0 Hz

(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38

Average Power

13.88 dBm

28.83 % at 0dB

10.0 %	5.92 dB
1.0 %	8.31 dB
0.1 %	9.24 dB
0.01 %	9.68 dB
0.001 %	10.02 dB
0.0001 %	--- dB
Peak	14.61 dB
	28.49 dBm

(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0

Average Power

15.09 dBm

35.07 % at 0dB

10.0 %	5.15 dB
1.0 %	7.22 dB
0.1 %	8.04 dB
0.01 %	8.55 dB
0.001 %	8.75 dB
0.0001 %	--- dB
Peak	10.16 dB
	25.25 dBm

(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0

Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 2.503500000 GHz

Center Freq: 2.503500000 GHz
Trig: Free Run   Counts:500 k/500 kpt
#IFGain:Low   #Atten: 36 dB

Radio Std: None   09:08:58 AM Mar 13, 2018

Average Power

-13.47 dBm

27.66 % at 0dB

10.0 %	5.79 dB
1.0 %	8.54 dB
0.1 %	9.92 dB
0.01 %	11.92 dB
0.001 %	20.69 dB
0.0001 %	--- dB
Peak	24.36 dB
	10.89 dBm

Gaussian

Info BW 8.0000 MHz

Frequency / Center Freq 2.503500000 GHz / CF Step 5.000000 MHz Auto Man / Freq Offset 0 Hz

(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37

Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 2.503500000 GHz

Center Freq: 2.503500000 GHz
Trig: Free Run   Counts:500 k/500 kpt
#IFGain:Low   #Atten: 36 dB

Radio Std: None   09:09:03 AM Mar 13, 2018

Average Power

15.03 dBm

34.28 % at 0dB

10.0 %	5.24 dB
1.0 %	7.77 dB
0.1 %	8.63 dB
0.01 %	9.06 dB
0.001 %	9.45 dB
0.0001 %	--- dB
Peak	9.82 dB
	24.85 dBm

Gaussian

Info BW 8.0000 MHz

Frequency / Center Freq 2.503500000 GHz / CF Step 5.000000 MHz Auto Man / Freq Offset 0 Hz

(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74

Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 2.503500000 GHz

Center Freq: 2.503500000 GHz
Trig: Free Run   Counts:500 k/500 kpt
#IFGain:Low   #Atten: 36 dB

Radio Std: None   09:09:09 AM Mar 13, 2018

Average Power

-12.94 dBm

32.75 % at 0dB

10.0 %	5.20 dB
1.0 %	8.03 dB
0.1 %	9.73 dB
0.01 %	12.77 dB
0.001 %	18.79 dB
0.0001 %	--- dB
Peak	21.36 dB
	8.42 dBm

Gaussian

Info BW 8.0000 MHz

Frequency / Center Freq 2.503500000 GHz / CF Step 5.000000 MHz Auto Man / Freq Offset 0 Hz

(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#0

Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 2.503500000 GHz
Center Freq: 2.503500000 GHz
Trig: Free Run
Counts:500 k/500 kpt
Radio Std: None
#IFGain:Low
#Atten: 36 dB

Average Power

12.22 dBm

31.99 % at 0dB

10.0 %	5.35 dB
1.0 %	8.08 dB
0.1 %	9.18 dB
0.01 %	9.75 dB
0.001 %	10.25 dB
0.0001 %	--- dB
Peak	11.81 dB
	24.03 dBm

Info BW 8.0000 MHz

(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18

Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 2.503500000 GHz
Center Freq: 2.503500000 GHz
Trig: Free Run
Counts:500 k/500 kpt
Radio Std: None
#IFGain:Low
#Atten: 36 dB

Average Power

12.61 dBm

27.81 % at 0dB

10.0 %	5.58 dB
1.0 %	9.01 dB
0.1 %	10.51 dB
0.01 %	11.02 dB
0.001 %	11.22 dB
0.0001 %	--- dB
Peak	12.74 dB
	25.35 dBm

Info BW 8.0000 MHz

(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38

Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 2.503500000 GHz
Center Freq: 2.503500000 GHz
Trig: Free Run
Counts:500 k/500 kpt
Radio Std: None
#IFGain:Low
#Atten: 36 dB

Average Power

12.45 dBm

33.22 % at 0dB

10.0 %	5.14 dB
1.0 %	8.05 dB
0.1 %	9.30 dB
0.01 %	9.94 dB
0.001 %	10.28 dB
0.0001 %	--- dB
Peak	15.15 dB
	27.60 dBm

Info BW 8.0000 MHz

(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0

Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 2.503500000 GHz

Average Power

10.10 dBm

22.81 % at 0dB

10.0 %	6.14 dB
1.0 %	9.77 dB
0.1 %	11.26 dB
0.01 %	12.21 dB
0.001 %	12.78 dB
0.0001 %	--- dB
Peak	22.02 dB
	32.12 dBm

Info BW 8.0000 MHz

(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 2.593000000 GHz

Average Power

-11.01 dBm

34.84 % at 0dB

10.0 %	4.94 dB
1.0 %	7.79 dB
0.1 %	9.47 dB
0.01 %	10.69 dB
0.001 %	18.76 dB
0.0001 %	--- dB
Peak	22.13 dB
	11.12 dBm

Info BW 8.0000 MHz

(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 2.593000000 GHz

Average Power

14.11 dBm

27.79 % at 0dB

10.0 %	5.77 dB
1.0 %	9.01 dB
0.1 %	10.21 dB
0.01 %	10.47 dB
0.001 %	10.69 dB
0.0001 %	--- dB
Peak	11.37 dB
	25.48 dBm

Info BW 8.0000 MHz

(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74

(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0

(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18
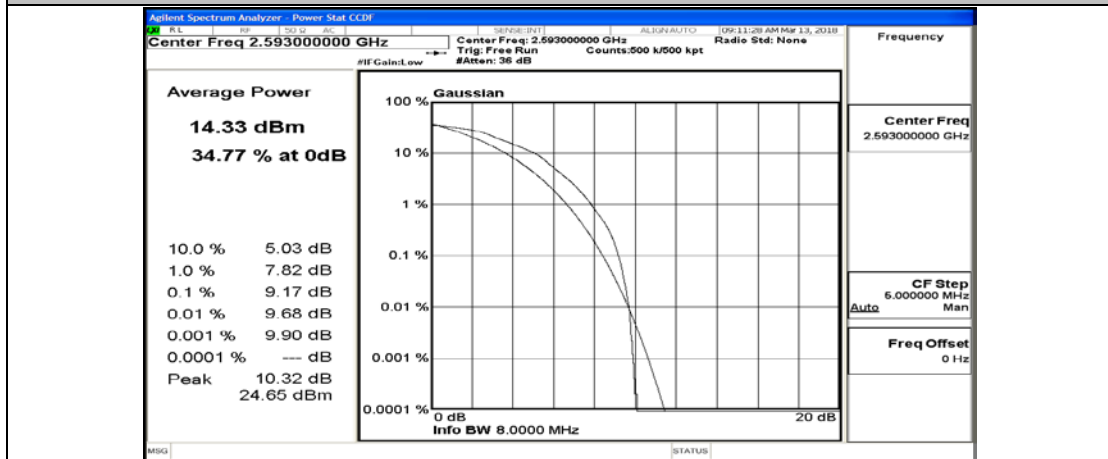
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38
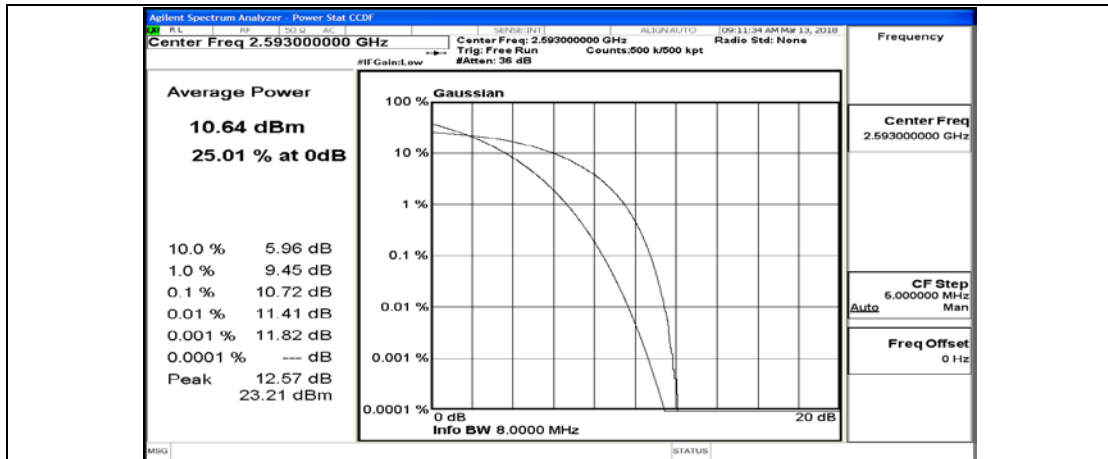
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0
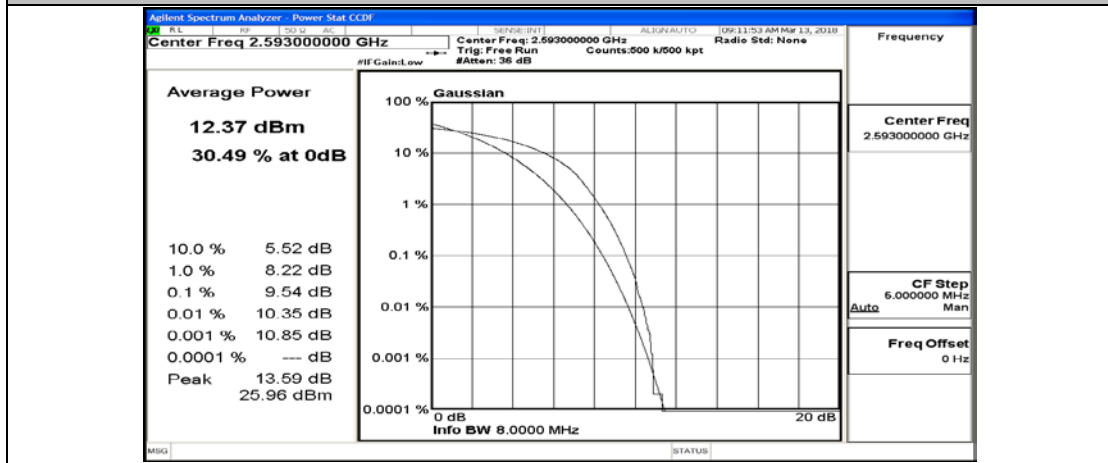
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0
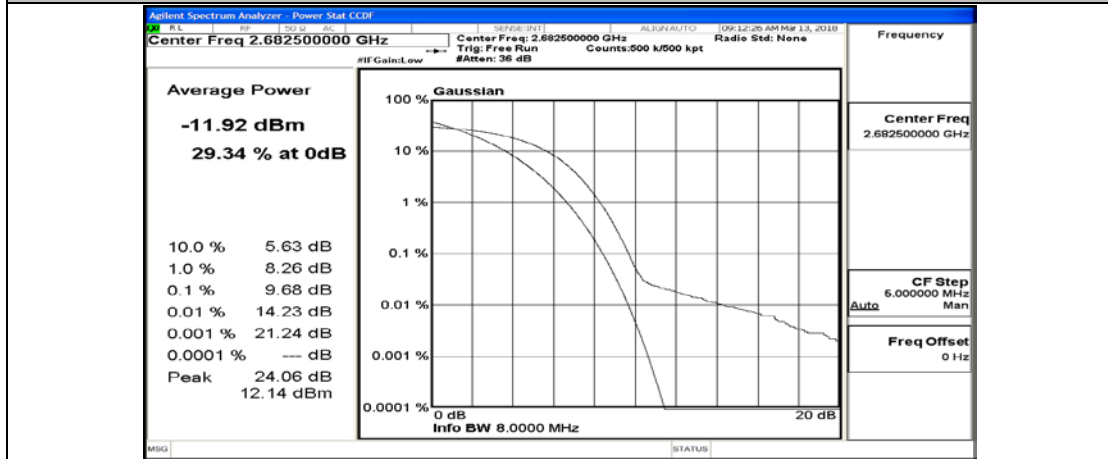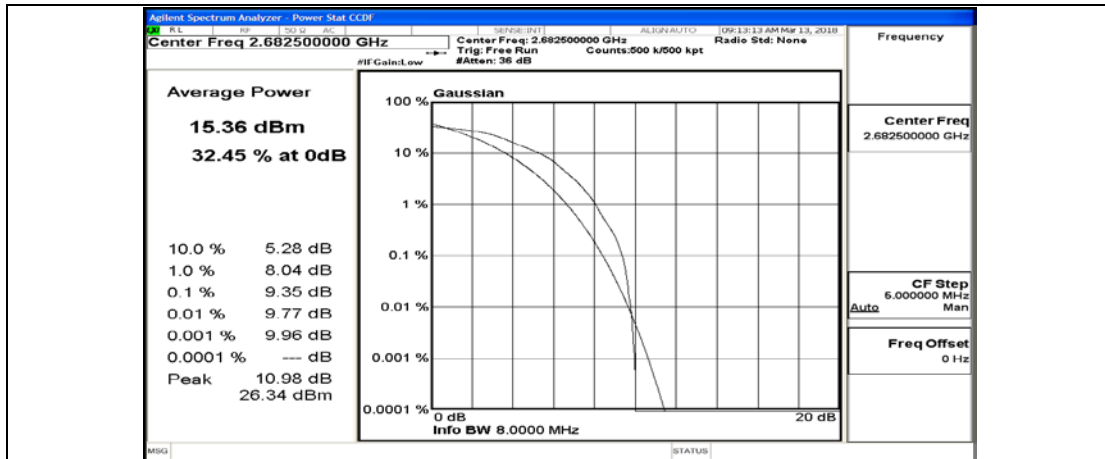

(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37
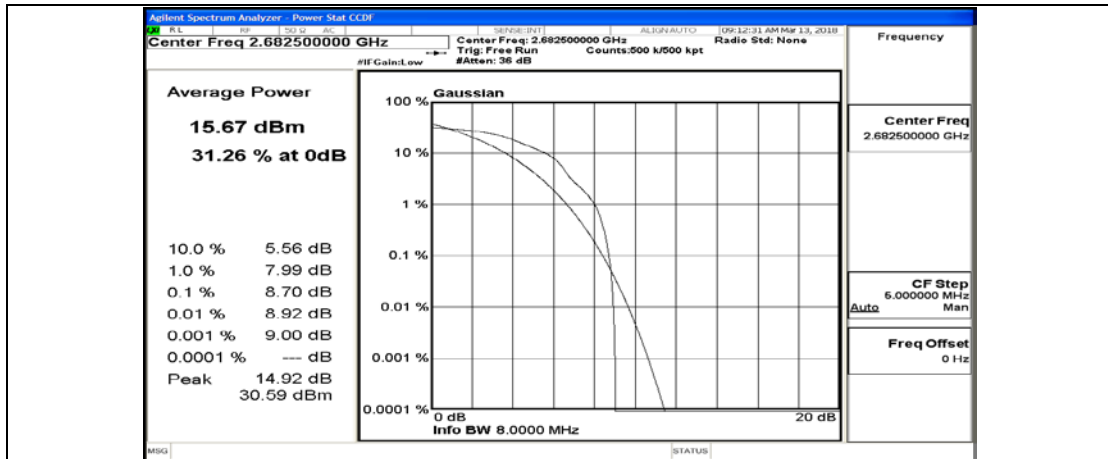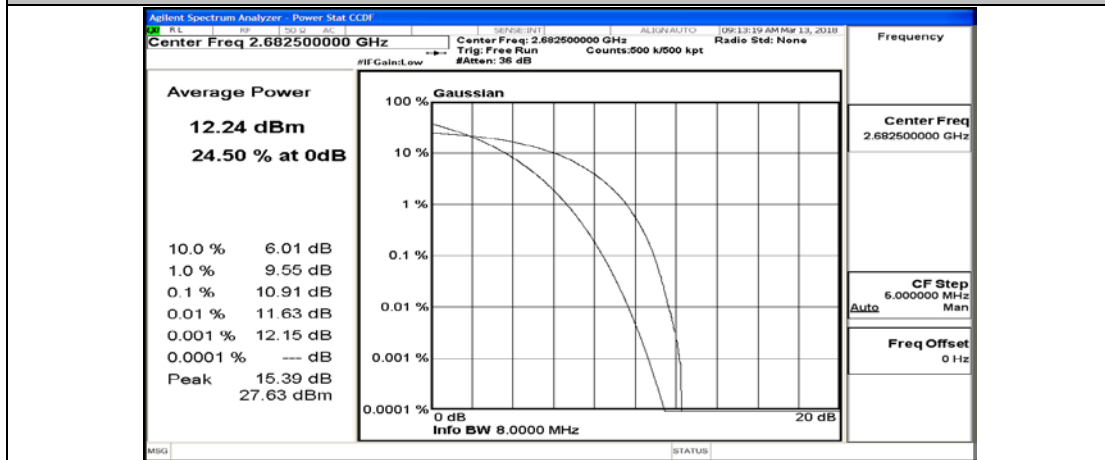
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74
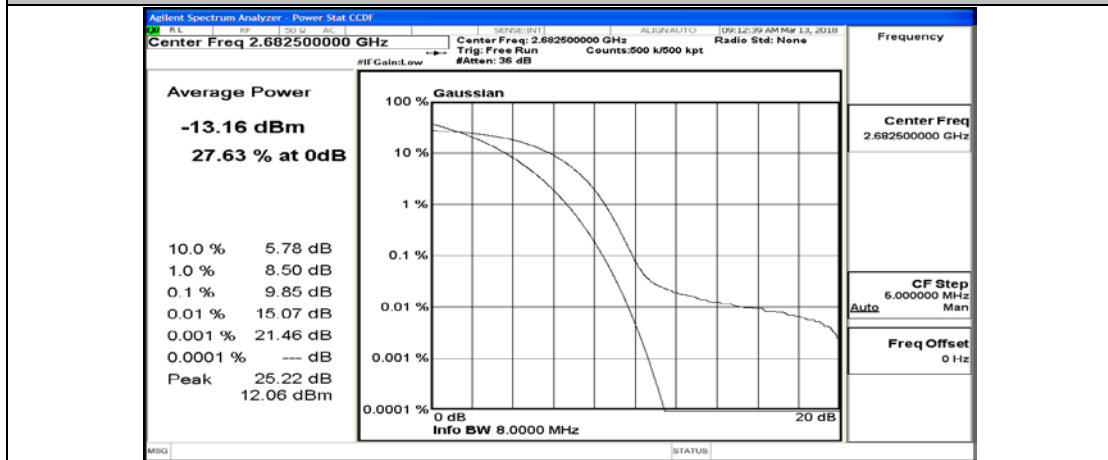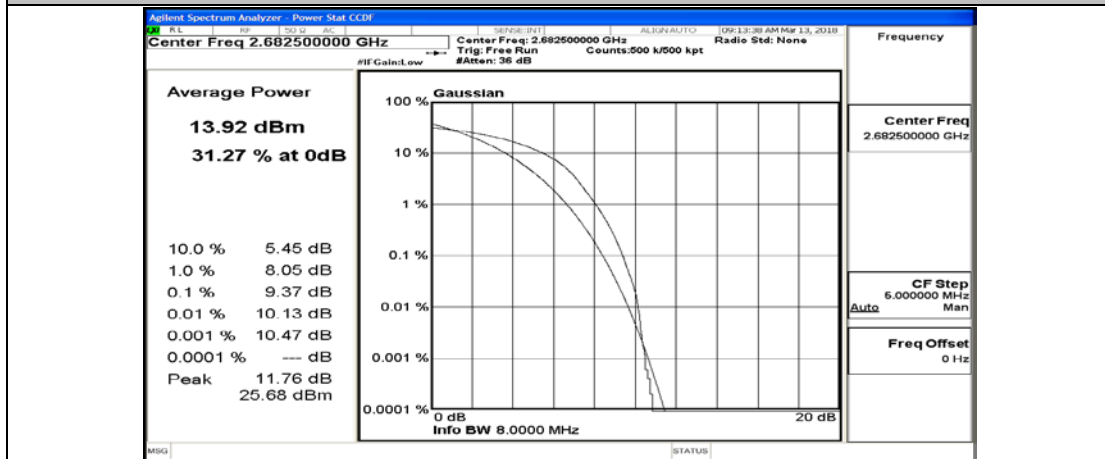

(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0
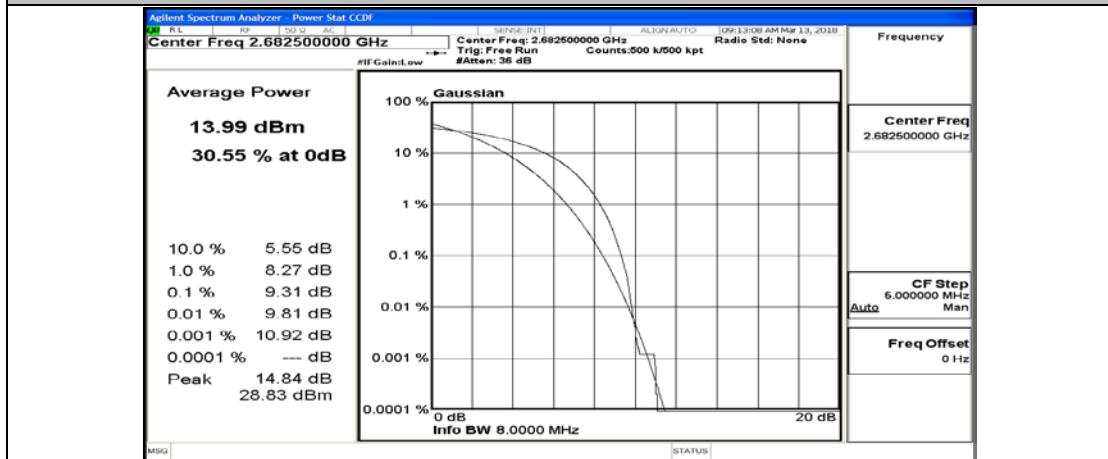
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18
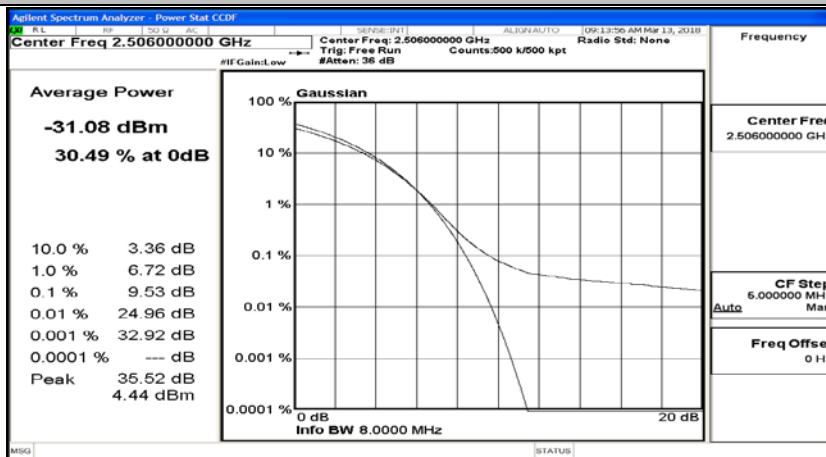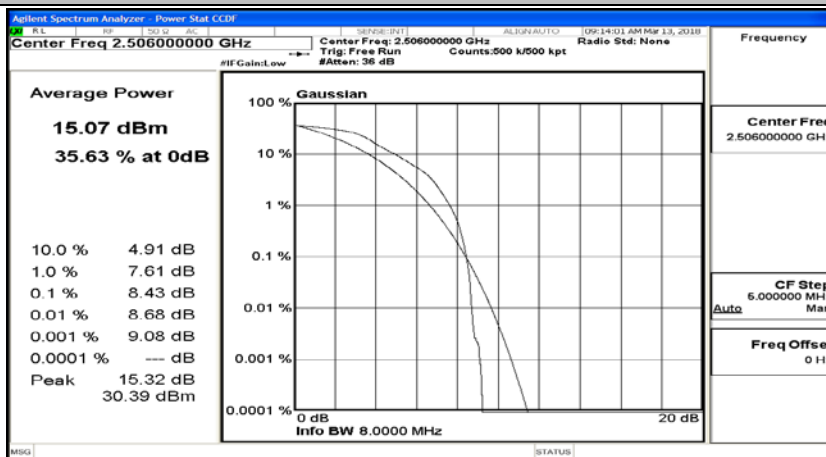
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38

(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

Channel Bandwidth: 20 MHz

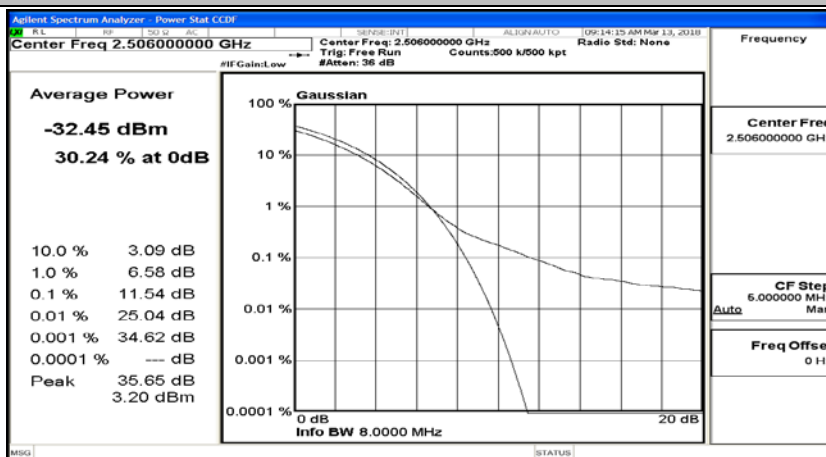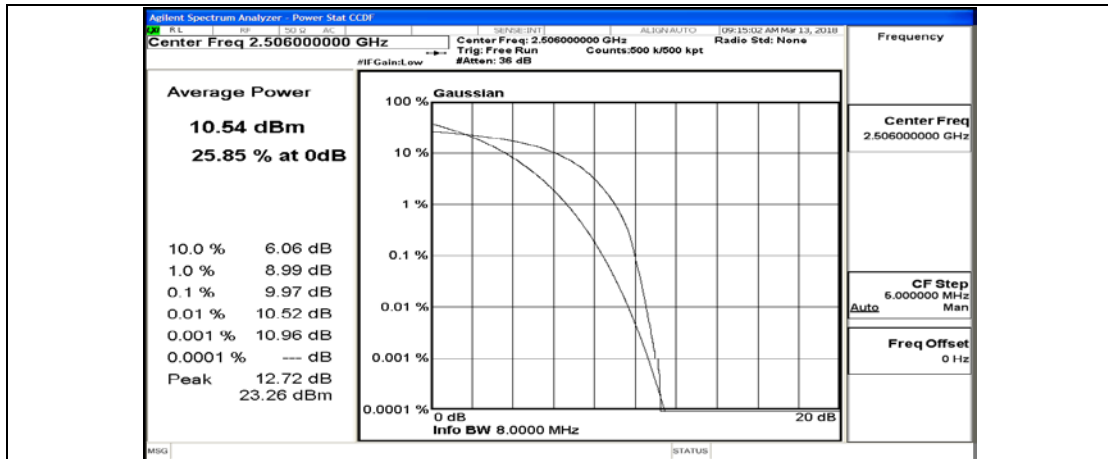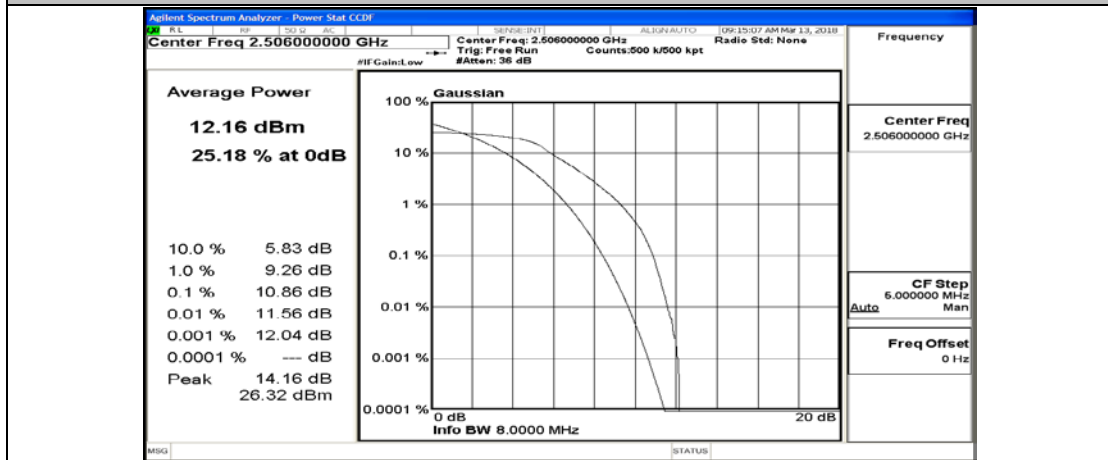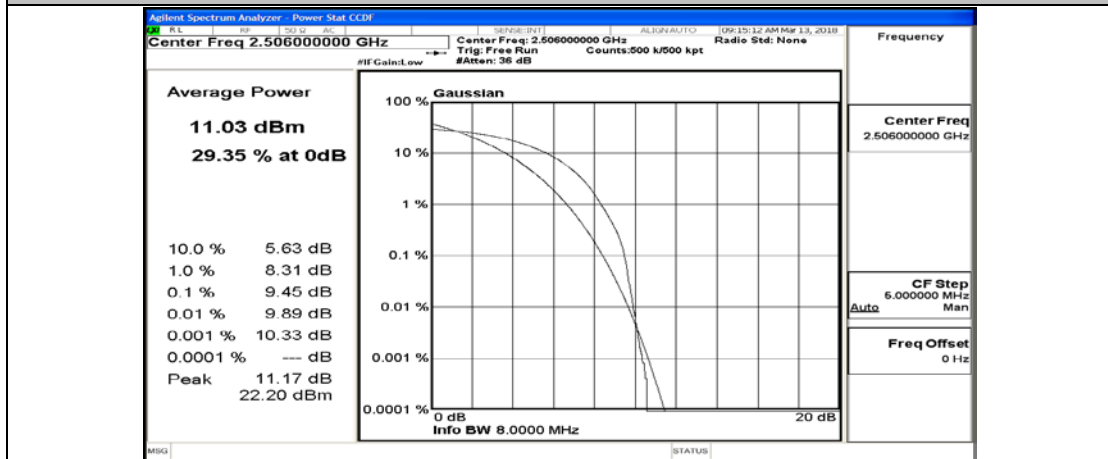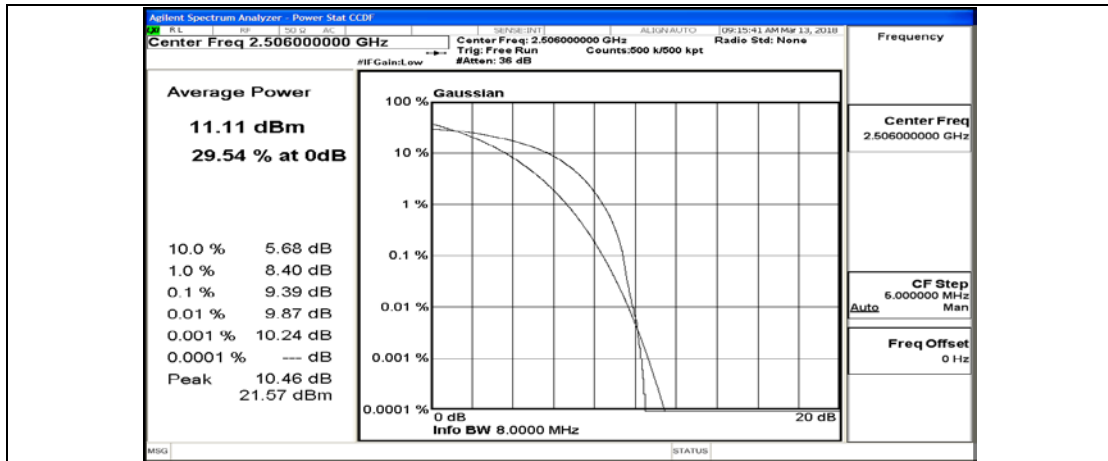| (Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0 |
|---|
| |
| (Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#49 |
| |
| (Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99 |
| |
| (Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#0 |

(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25

(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#50

(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0

Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 2.506000000 GHz
#IFGain:Low

SENSE:INT   ALIGN AUTO   09:15:41 AM Mar 13, 2018
Center Freq: 2.506000000 GHz   Radio Std: None
Trig: Free Run   Counts:500 k/500 kpt
#Atten: 36 dB

Average Power

11.11 dBm

29.54 % at 0dB

10.0 %	5.68 dB
1.0 %	8.40 dB
0.1 %	9.39 dB
0.01 %	9.87 dB
0.001 %	10.24 dB
0.0001 %	--- dB
Peak	10.46 dB
	21.57 dBm

Gaussian
100 %   10 %   1 %   0.1 %   0.01 %   0.001 %   0.0001 %
0 dB   Info BW 8.0000 MHz   20 dB

Frequency
Center Freq 2.506000000 GHz
CF Step 5.000000 MHz   Auto   Man
Freq Offset 0 Hz

MSG   STATUS

(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 2.593000000 GHz
#IFGain:Low

SENSE:INT   ALIGN AUTO   09:16:10 AM Mar 13, 2018
Center Freq: 2.593000000 GHz   Radio Std: None
Trig: Free Run   Counts:500 k/500 kpt
#Atten: 36 dB

Average Power

-31.16 dBm

27.85 % at 0dB

10.0 %	3.19 dB
1.0 %	6.92 dB
0.1 %	10.63 dB
0.01 %	25.53 dB
0.001 %	34.92 dB
0.0001 %	--- dB
Peak	37.47 dB
	6.31 dBm

Gaussian
100 %   10 %   1 %   0.1 %   0.01 %   0.001 %   0.0001 %
0 dB   Info BW 8.0000 MHz   20 dB

Frequency
Center Freq 2.593000000 GHz
CF Step 5.000000 MHz   Auto   Man
Freq Offset 0 Hz

MSG   STATUS

(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49

Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 2.593000000 GHz
#IFGain:Low

SENSE:INT   ALIGN AUTO   09:16:15 AM Mar 13, 2018
Center Freq: 2.593000000 GHz   Radio Std: None
Trig: Free Run   Counts:500 k/500 kpt
#Atten: 36 dB

Average Power

14.67 dBm

29.89 % at 0dB

10.0 %	5.39 dB
1.0 %	8.41 dB
0.1 %	9.52 dB
0.01 %	9.71 dB
0.001 %	9.83 dB
0.0001 %	--- dB
Peak	11.57 dB
	26.24 dBm

Gaussian
100 %   10 %   1 %   0.1 %   0.01 %   0.001 %   0.0001 %
0 dB   Info BW 8.0000 MHz   20 dB

Frequency
Center Freq 2.593000000 GHz
CF Step 5.000000 MHz   Auto   Man
Freq Offset 0 Hz

MSG   STATUS

(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99

(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#0

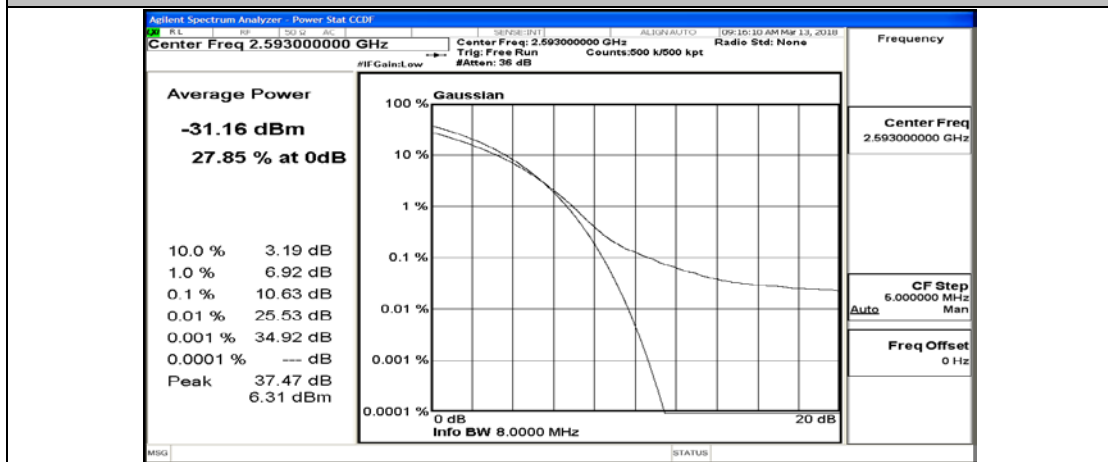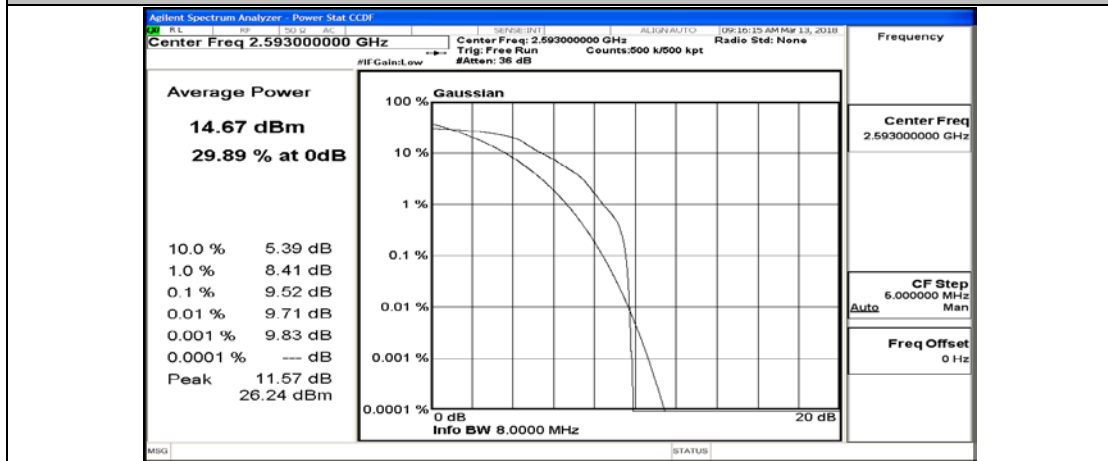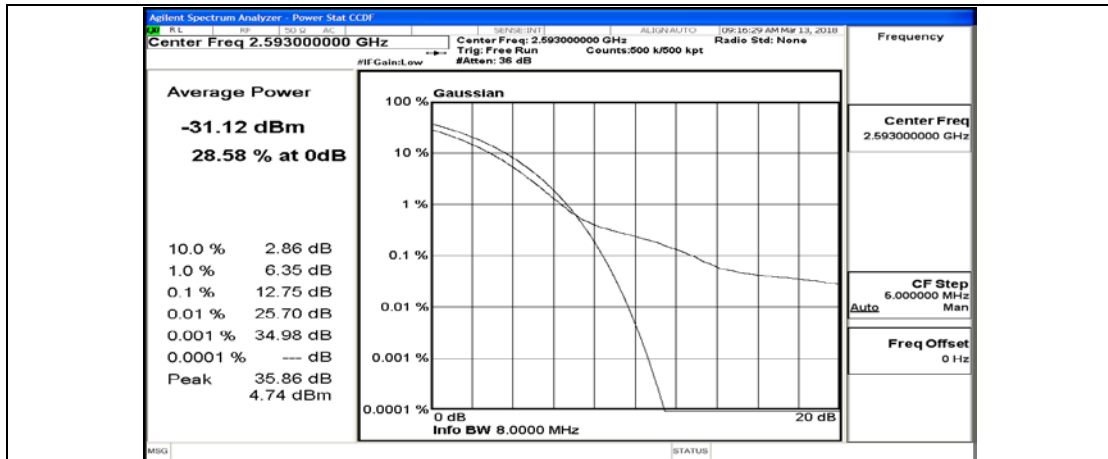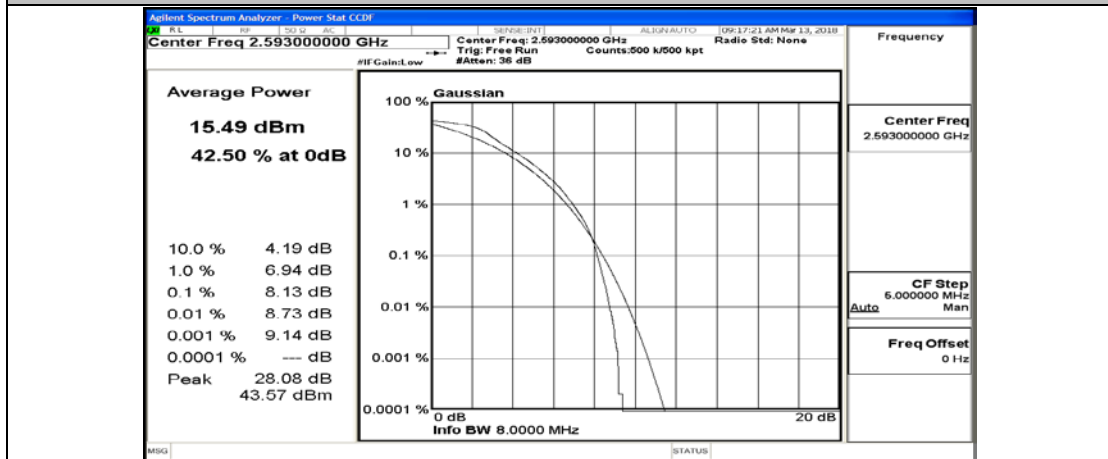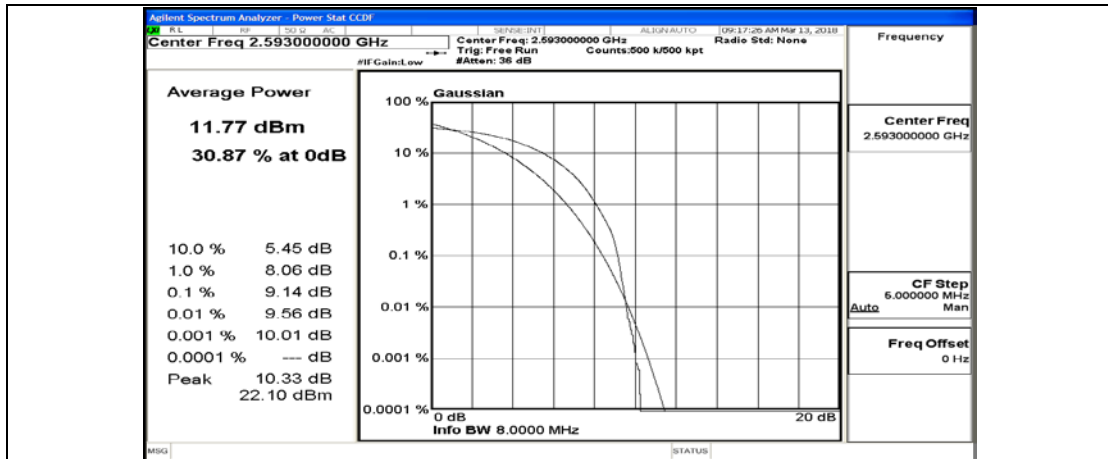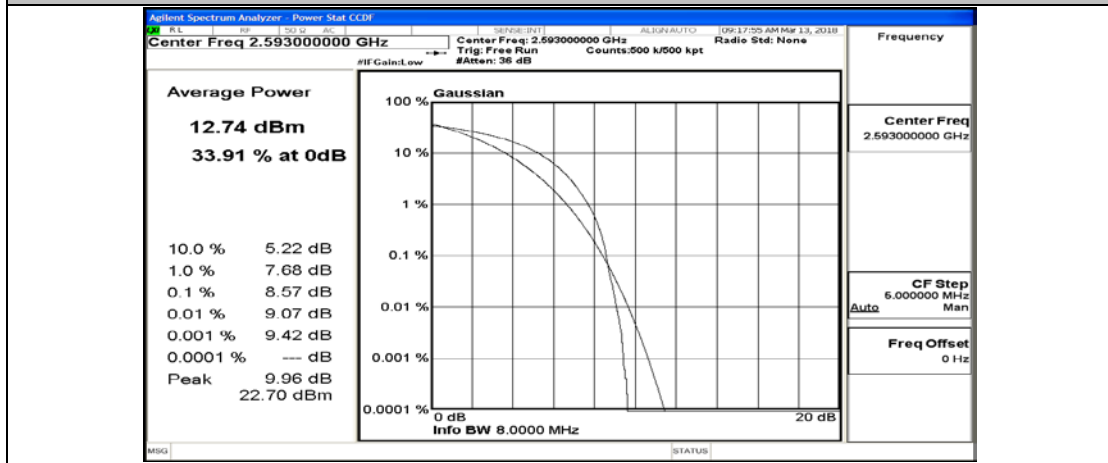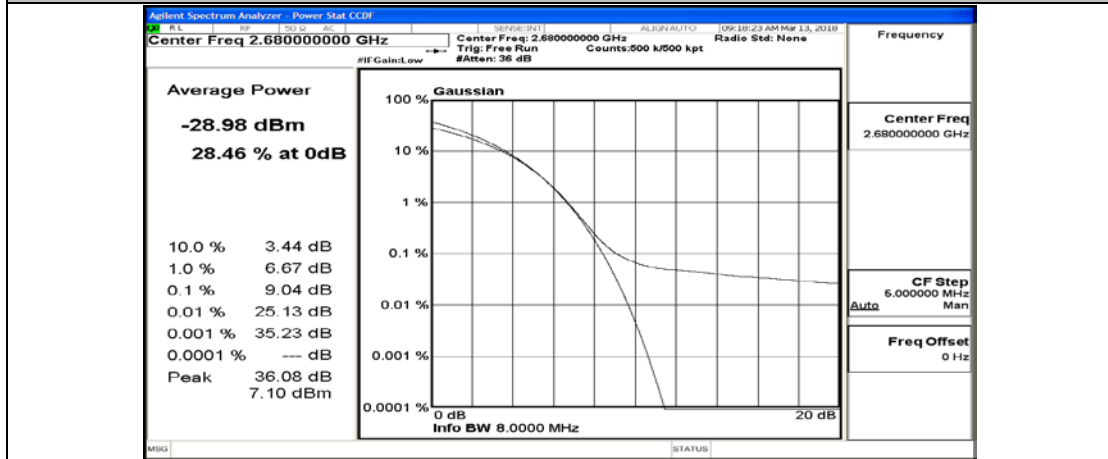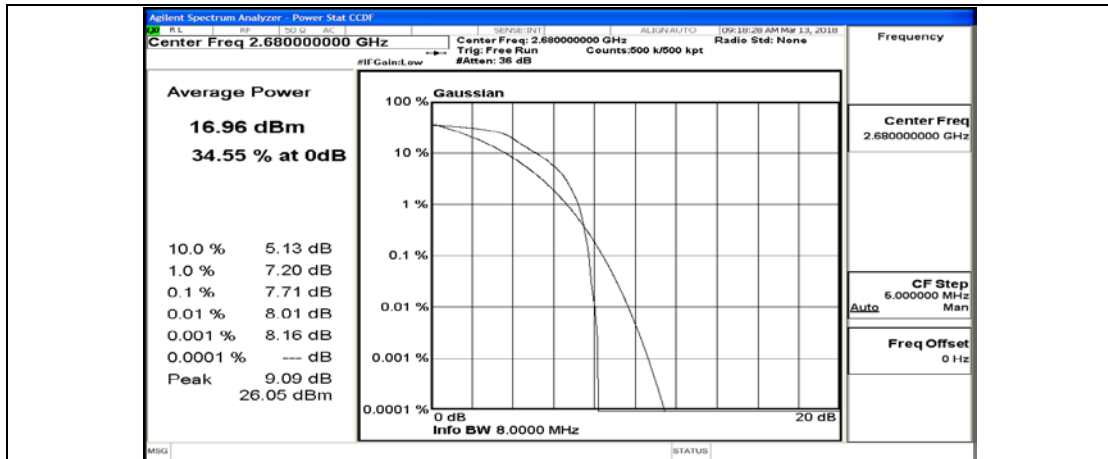(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#25

(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#50

(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0
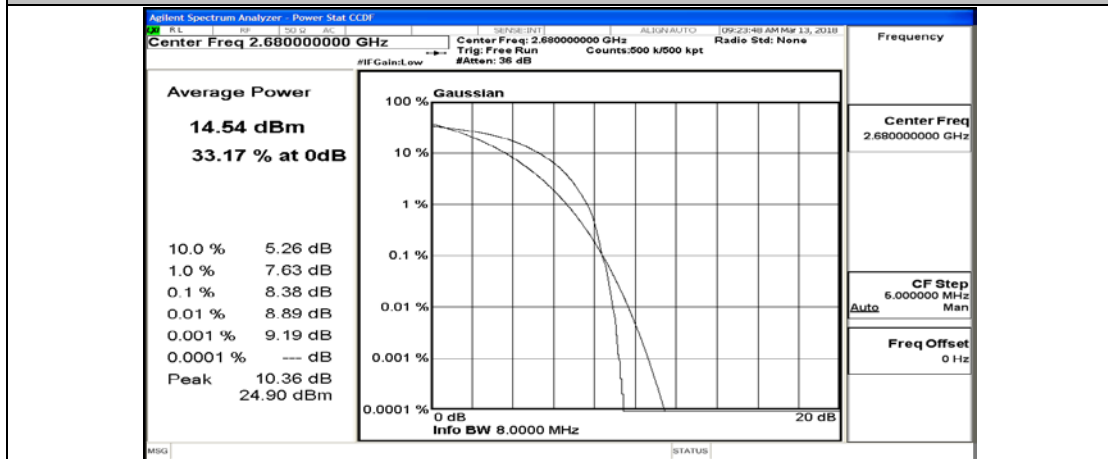

(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0

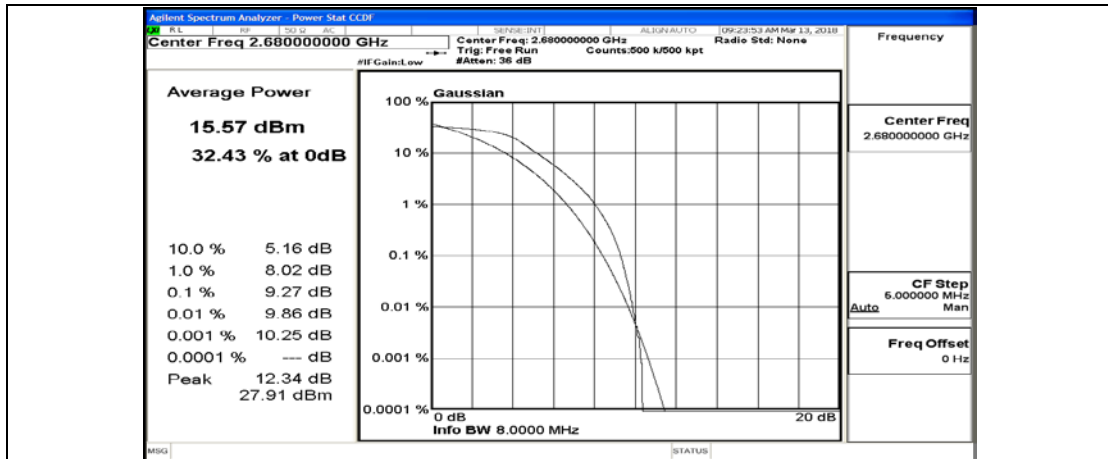(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49

Screen 1 — Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 2.680000000 GHz
#IFGain:Low

Center Freq: 2.680000000 GHz
Trig: Free Run
#Atten: 36 dB
Counts:500 k/500 kpt
SENSE:INT   ALIGN AUTO   09:18:28 AM Mar 13, 2018
Radio Std: None

Average Power
16.96 dBm
34.55 % at 0dB

10.0 %	5.13 dB
1.0 %	7.20 dB
0.1 %	7.71 dB
0.01 %	8.01 dB
0.001 %	8.16 dB
0.0001 %	--- dB
Peak	9.09 dB
	26.05 dBm

Gaussian — 100 %, 10 %, 1 %, 0.1 %, 0.01 %, 0.001 %, 0.0001 %
0 dB — 20 dB
Info BW 8.0000 MHz

Frequency — Center Freq 2.680000000 GHz — CF Step 6.000000 MHz Auto/Man — Freq Offset 0 Hz

(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99

Screen 2 — Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 2.680000000 GHz
#IFGain:Low

Center Freq: 2.680000000 GHz
Trig: Free Run
#Atten: 36 dB
Counts:500 k/500 kpt
SENSE:INT   ALIGN AUTO   09:18:42 AM Mar 13, 2018
Radio Std: None

Average Power
-30.14 dBm
29.62 % at 0dB

10.0 %	3.20 dB
1.0 %	6.42 dB
0.1 %	8.58 dB
0.01 %	25.53 dB
0.001 %	34.12 dB
0.0001 %	--- dB
Peak	37.18 dB
	7.04 dBm

Gaussian
0 dB — 20 dB
Info BW 8.0000 MHz

Frequency — Center Freq 2.680000000 GHz — CF Step 6.000000 MHz Auto/Man — Freq Offset 0 Hz

(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#0

Screen 3 — Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 2.680000000 GHz
#IFGain:Low

Center Freq: 2.680000000 GHz
Trig: Free Run
#Atten: 36 dB
Counts:500 k/500 kpt
SENSE:INT   ALIGN AUTO   09:23:48 AM Mar 13, 2018
Radio Std: None

Average Power
14.54 dBm
33.17 % at 0dB

10.0 %	5.26 dB
1.0 %	7.63 dB
0.1 %	8.38 dB
0.01 %	8.89 dB
0.001 %	9.19 dB
0.0001 %	--- dB
Peak	10.36 dB
	24.90 dBm

Gaussian
0 dB — 20 dB
Info BW 8.0000 MHz

Frequency — Center Freq 2.680000000 GHz — CF Step 6.000000 MHz Auto/Man — Freq Offset 0 Hz
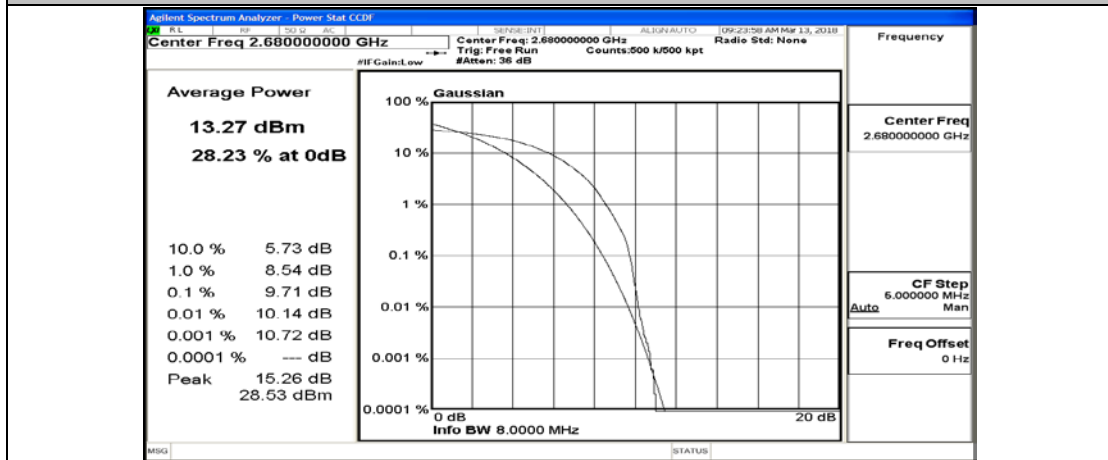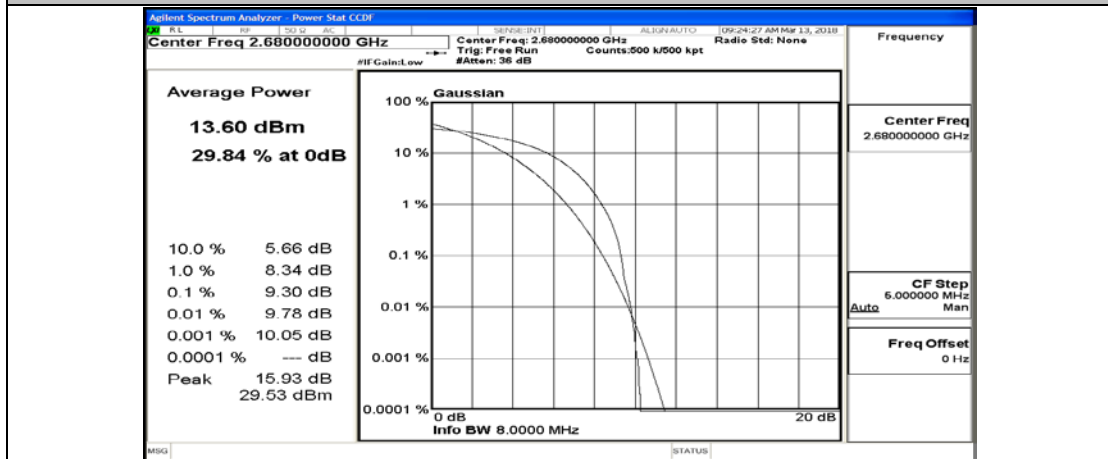
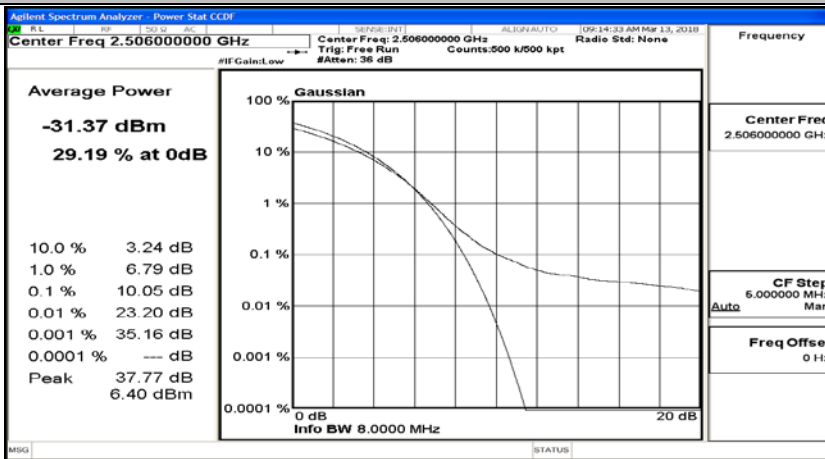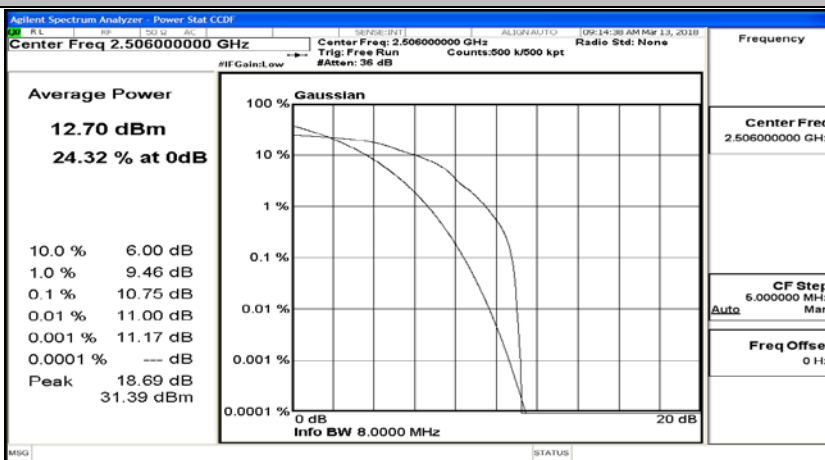(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#25

(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50

(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0

(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0

(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49

(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99

(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#0

Screenshot 1:

Agilent Spectrum Analyzer - Power Stat CCDF
LXI R L   RF   50 Ω   AC
Center Freq 2.506000000 GHz
#IFGain:Low
SENSE:INT   ALIGN AUTO   09:15:21 AM Mar 13, 2018
Center Freq: 2.506000000 GHz   Radio Std: None
Trig: Free Run
#Atten: 36 dB   Counts:500 k/500 kpt

Frequency

Average Power
10.73 dBm
29.96 % at 0dB

100 %   Gaussian
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %   0 dB   20 dB
Info BW 8.0000 MHz

10.0 %	5.46 dB
1.0 %	8.57 dB
0.1 %	9.96 dB
0.01 %	10.83 dB
0.001 %	11.17 dB
0.0001 %	--- dB
Peak	12.23 dB
	22.96 dBm

Center Freq
2.506000000 GHz

CF Step
6.000000 MHz
Auto   Man

Freq Offset
0 Hz

MSG   STATUS

(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#25

Screenshot 2:

Agilent Spectrum Analyzer - Power Stat CCDF
LXI R L   RF   50 Ω   AC
Center Freq 2.506000000 GHz
#IFGain:Low
SENSE:INT   ALIGN AUTO   09:15:27 AM Mar 13, 2018
Center Freq: 2.506000000 GHz   Radio Std: None
Trig: Free Run
#Atten: 36 dB   Counts:500 k/500 kpt

Frequency

Average Power
13.45 dBm
34.15 % at 0dB

100 %   Gaussian
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %   0 dB   20 dB
Info BW 8.0000 MHz

10.0 %	5.08 dB
1.0 %	7.99 dB
0.1 %	9.59 dB
0.01 %	10.23 dB
0.001 %	10.50 dB
0.0001 %	--- dB
Peak	11.33 dB
	24.78 dBm

Center Freq
2.506000000 GHz

CF Step
6.000000 MHz
Auto   Man

Freq Offset
0 Hz

MSG   STATUS

(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#50

Screenshot 3:

Agilent Spectrum Analyzer - Power Stat CCDF
LXI R L   RF   50 Ω   AC
Center Freq 2.506000000 GHz
#IFGain:Low
SENSE:INT   ALIGN AUTO   09:15:32 AM Mar 13, 2018
Center Freq: 2.506000000 GHz   Radio Std: None
Trig: Free Run
#Atten: 36 dB   Counts:500 k/500 kpt

Frequency

Average Power
9.75 dBm
27.42 % at 0dB

100 %   Gaussian
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %   0 dB   20 dB
Info BW 8.0000 MHz

10.0 %	5.64 dB
1.0 %	9.06 dB
0.1 %	10.35 dB
0.01 %	11.26 dB
0.001 %	11.78 dB
0.0001 %	--- dB
Peak	12.09 dB
	21.84 dBm

Center Freq
2.506000000 GHz

CF Step
6.000000 MHz
Auto   Man

Freq Offset
0 Hz

MSG   STATUS

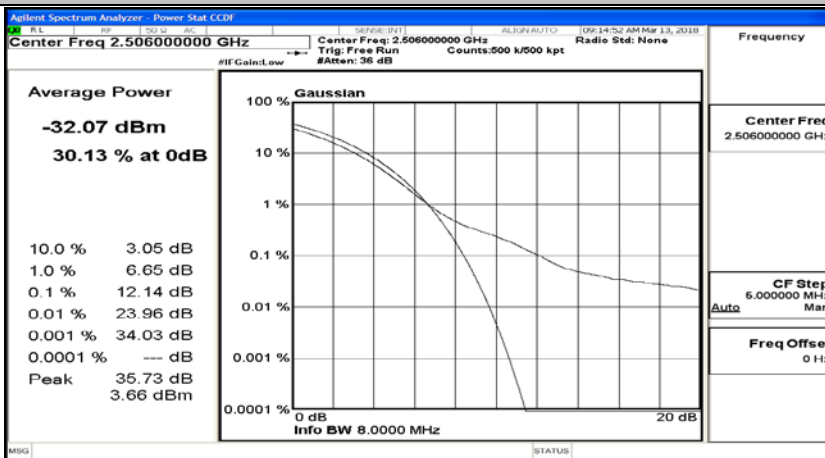**(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0**

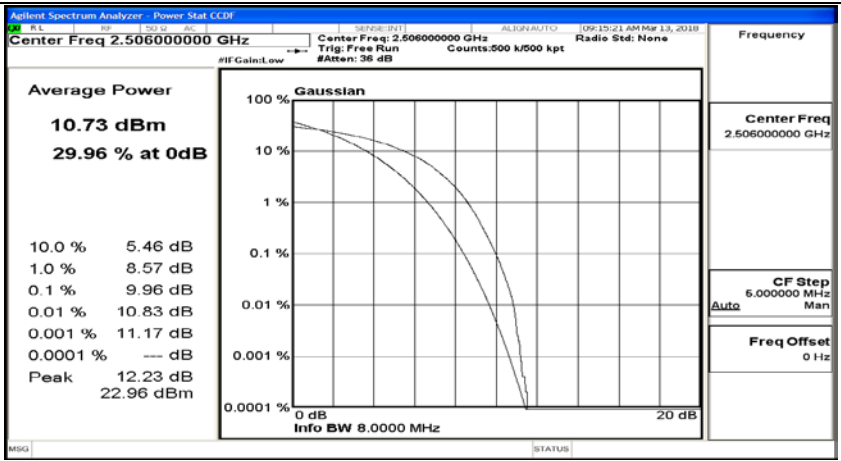(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0
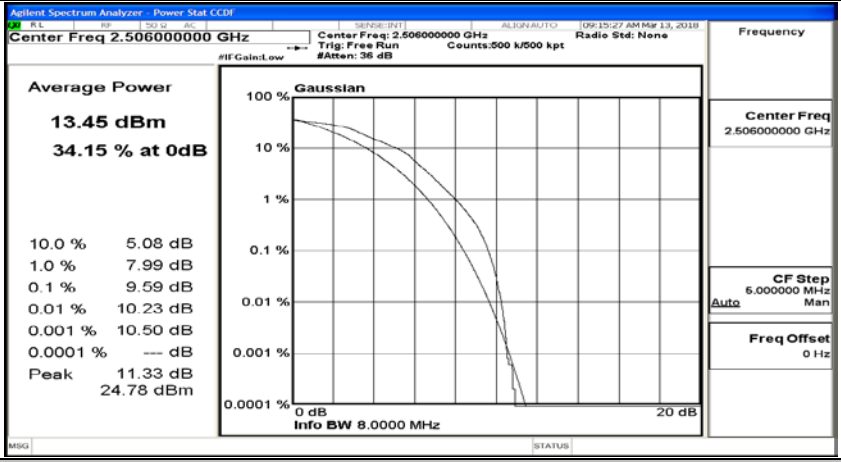

(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49

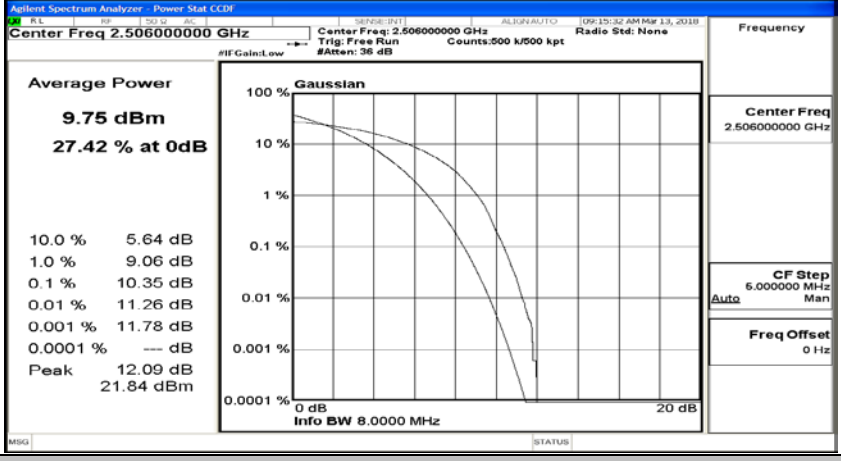(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99
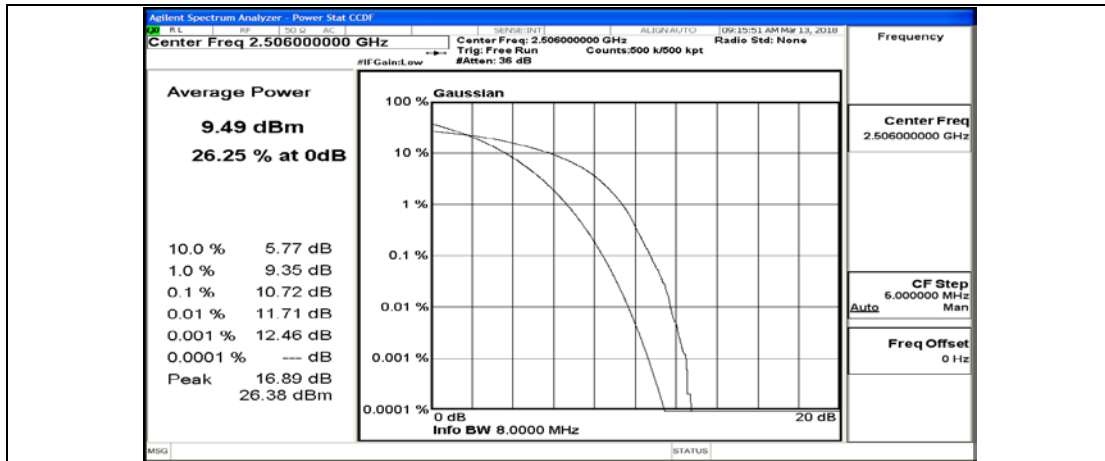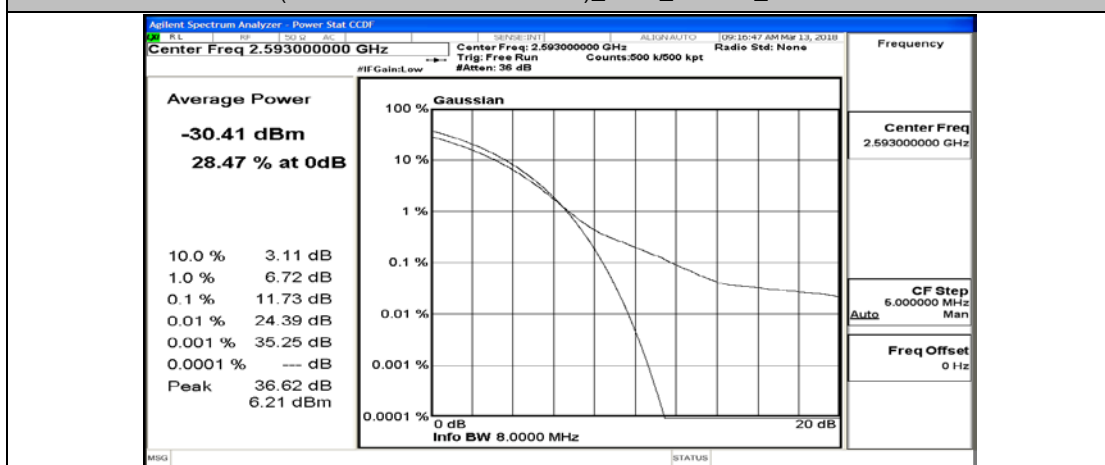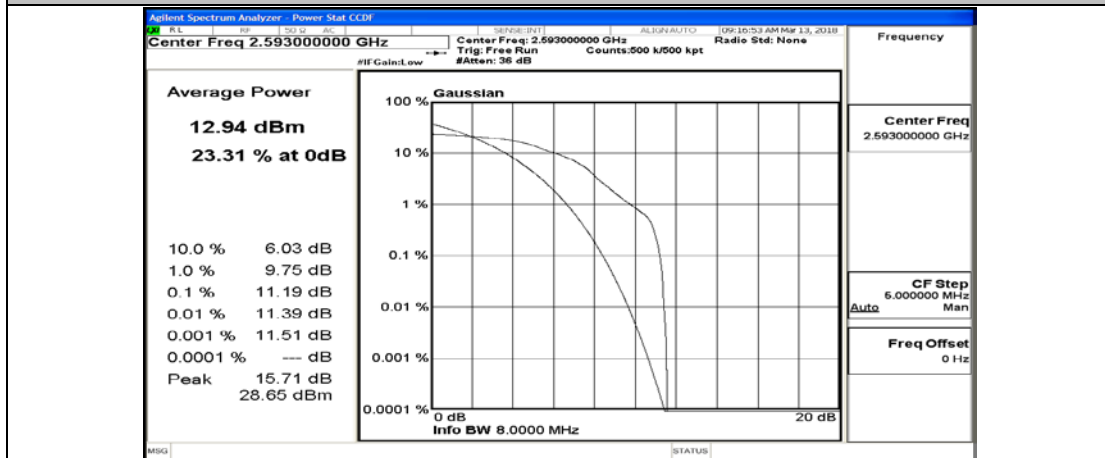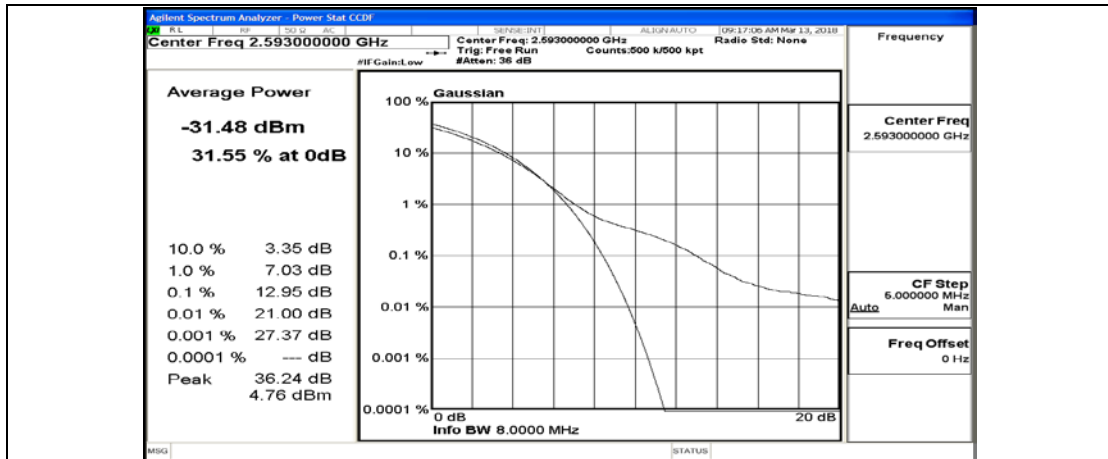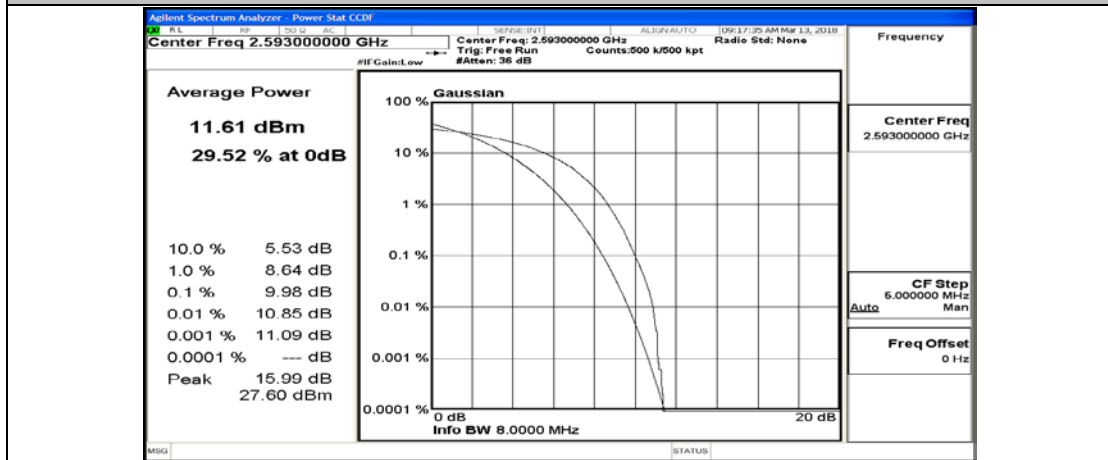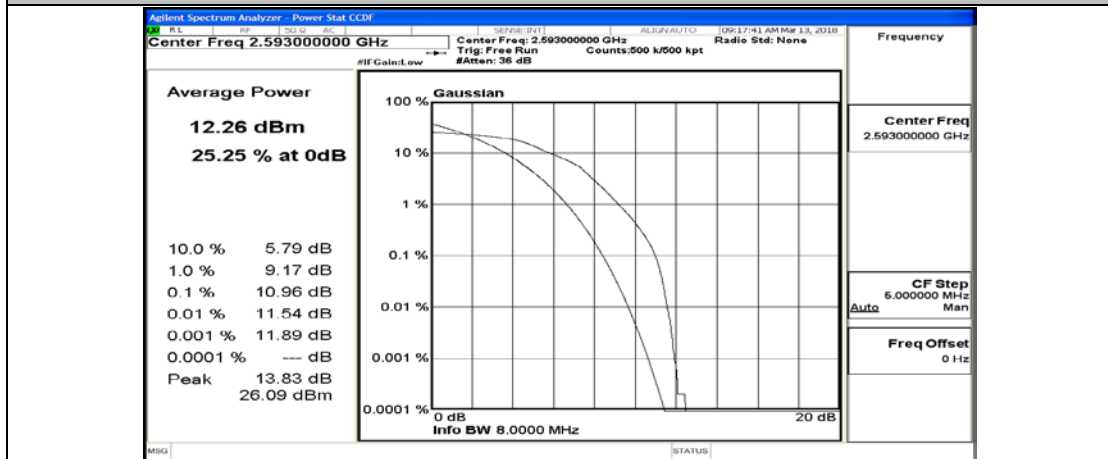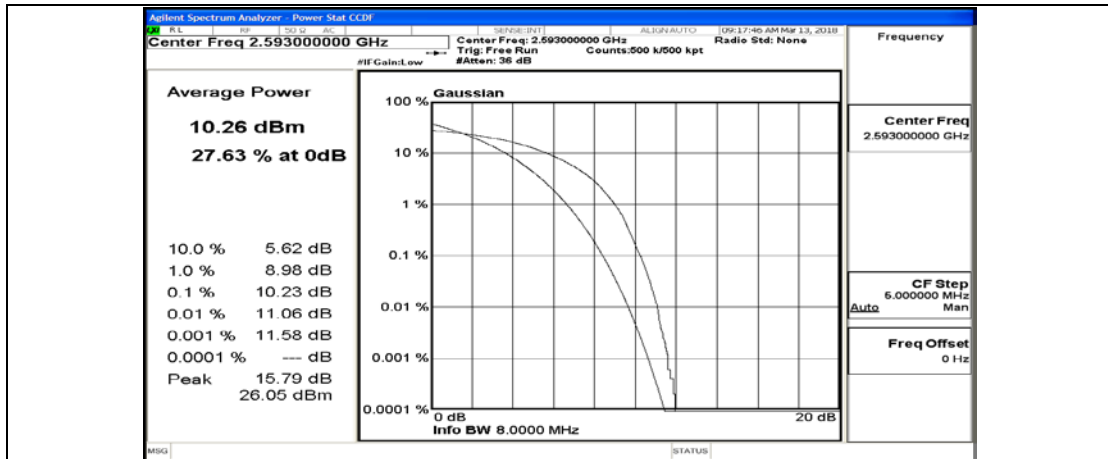
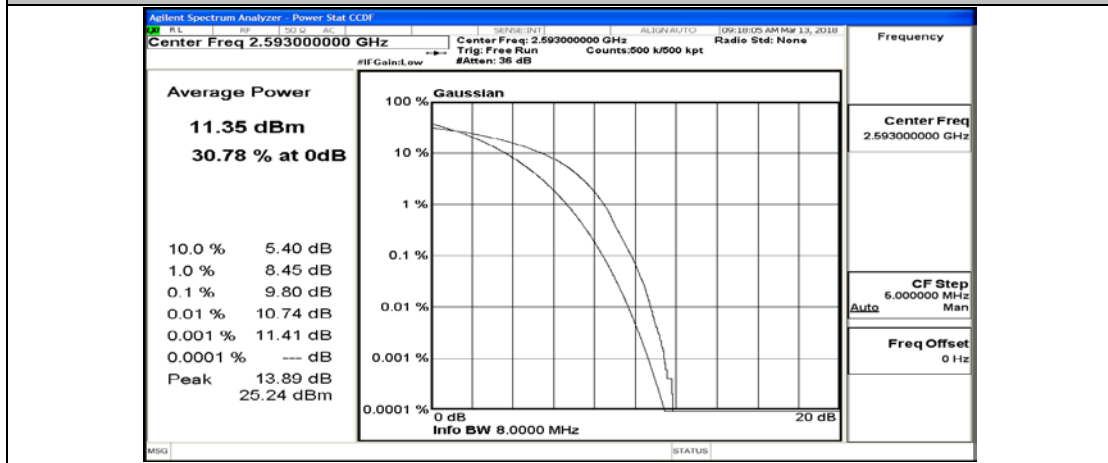(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#0

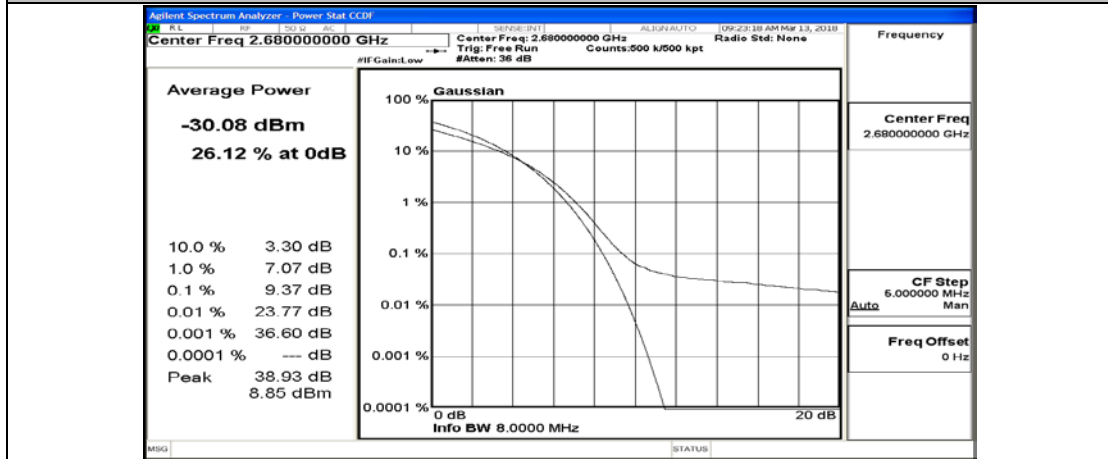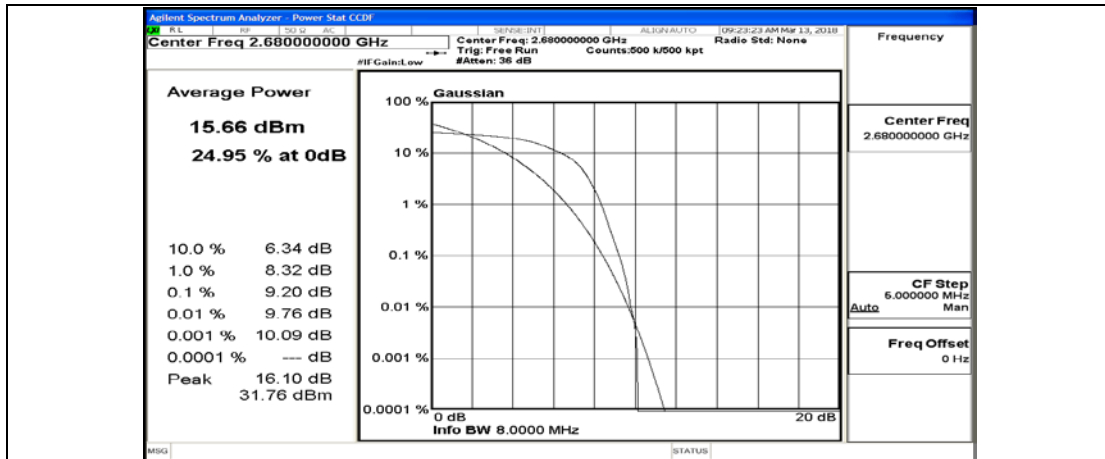(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#25
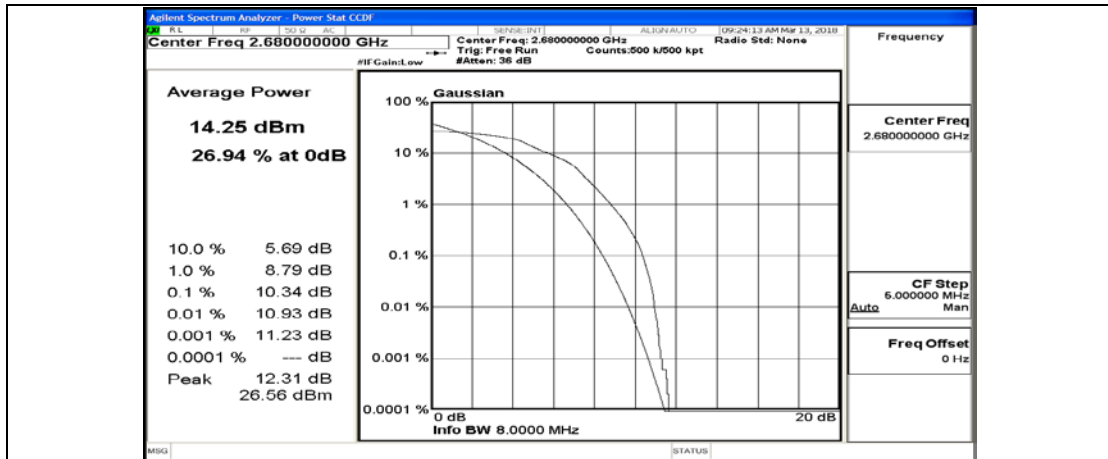
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#50

(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0
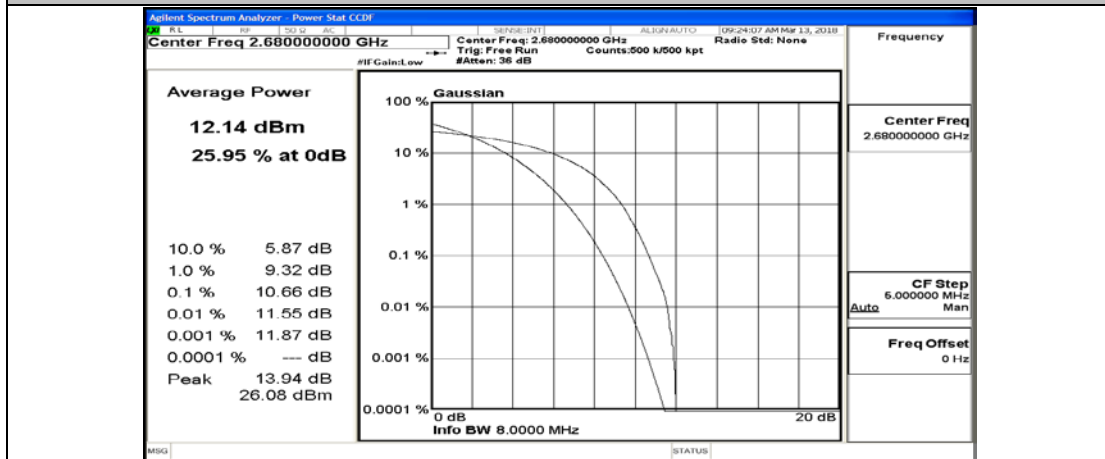

(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0

(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49

Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 2.680000000 GHz

Center Freq: 2.680000000 GHz
Trig: Free Run
#Atten: 36 dB
SENSE:INT
Counts:500 k/500 kpt
#IFGain:Low

ALIGN AUTO 09:23:23 AM Mar 13, 2018
Radio Std: None

Frequency

Center Freq
2.680000000 GHz

CF Step
6.000000 MHz
Auto   Man

Freq Offset
0 Hz

Average Power

15.66 dBm

24.95 % at 0dB

10.0 %	6.34 dB
1.0 %	8.32 dB
0.1 %	9.20 dB
0.01 %	9.76 dB
0.001 %	10.09 dB
0.0001 %	--- dB
Peak	16.10 dB
	31.76 dBm

Gaussian
Info BW 8.0000 MHz

(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99

Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 2.680000000 GHz

Center Freq: 2.680000000 GHz
Trig: Free Run
#Atten: 36 dB
SENSE:INT
Counts:500 k/500 kpt
#IFGain:Low

ALIGN AUTO 09:23:38 AM Mar 13, 2018
Radio Std: None

Frequency

Center Freq
2.680000000 GHz

CF Step
6.000000 MHz
Auto   Man

Freq Offset
0 Hz

Average Power

-30.72 dBm

27.51 % at 0dB

10.0 %	2.95 dB
1.0 %	6.44 dB
0.1 %	8.79 dB
0.01 %	26.14 dB
0.001 %	36.65 dB
0.0001 %	--- dB
Peak	38.84 dB
	8.12 dBm

Gaussian
Info BW 8.0000 MHz

(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0

Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 2.680000000 GHz

Center Freq: 2.680000000 GHz
Trig: Free Run
#Atten: 36 dB
SENSE:INT
Counts:500 k/500 kpt
#IFGain:Low

ALIGN AUTO 09:24:07 AM Mar 13, 2018
Radio Std: None

Frequency

Center Freq
2.680000000 GHz

CF Step
6.000000 MHz
Auto   Man

Freq Offset
0 Hz

Average Power

12.14 dBm

25.95 % at 0dB

10.0 %	5.87 dB
1.0 %	9.32 dB
0.1 %	10.66 dB
0.01 %	11.55 dB
0.001 %	11.87 dB
0.0001 %	--- dB
Peak	13.94 dB
	26.08 dBm

Gaussian
Info BW 8.0000 MHz

(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25

Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 2.680000000 GHz

Average Power

14.25 dBm

26.94 % at 0dB

10.0 %	5.69 dB
1.0 %	8.79 dB
0.1 %	10.34 dB
0.01 %	10.93 dB
0.001 %	11.23 dB
0.0001 %	--- dB
Peak	12.31 dB
	26.56 dBm

Info BW 8.0000 MHz

(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#50

Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 2.680000000 GHz

Average Power

11.24 dBm

23.54 % at 0dB

10.0 %	5.95 dB
1.0 %	9.81 dB
0.1 %	11.17 dB
0.01 %	12.13 dB
0.001 %	12.55 dB
0.0001 %	--- dB
Peak	13.49 dB
	24.73 dBm

Info BW 8.0000 MHz

(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0

Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 2.680000000 GHz

Average Power

13.32 dBm

31.92 % at 0dB

10.0 %	5.28 dB
1.0 %	8.20 dB
0.1 %	9.43 dB
0.01 %	10.38 dB
0.001 %	10.87 dB
0.0001 %	--- dB
Peak	11.59 dB
	24.91 dBm

Aligning 1 of 1

Info BW 8.0000 MHz