(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6

Agilent Spectrum Analyzer - Power Stat CCDF
LXI R L RF 50 Ω AC SENSE:PULSE ALIGN AUTO 10:14:02 AM Jun 22, 2016
Center Freq 1.907500000 GHz
Center Freq: 1.907500000 GHz Radio Std: None
Trig: Free Run Counts:500 k/500 kpt
#IFGain:Low #Atten: 40 dB

Frequency

Average Power

21.03 dBm

48.06 % at 0dB

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

10.0 %	2.44 dB
1.0 %	4.01 dB
0.1 %	4.69 dB
0.01 %	4.96 dB
0.001 %	5.14 dB
0.0001 %	--- dB
Peak	5.16 dB
	26.19 dBm

0 dB 20 dB
Info BW 5.0000 MHz

Center Freq 1.907500000 GHz

CF Step 5.000000 MHz
Auto Man

Freq Offset 0 Hz

MSG STATUS

(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13

Agilent Spectrum Analyzer - Power Stat CCDF
LXI R L RF 50 Ω AC SENSE:PULSE ALIGN AUTO 10:14:07 AM Jun 22, 2016
Center Freq 1.907500000 GHz
Center Freq: 1.907500000 GHz Radio Std: None
Trig: Free Run Counts:500 k/500 kpt
#IFGain:Low #Atten: 40 dB

Frequency

Average Power

20.95 dBm

49.51 % at 0dB

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

10.0 %	2.35 dB
1.0 %	3.83 dB
0.1 %	4.42 dB
0.01 %	4.70 dB
0.001 %	4.85 dB
0.0001 %	--- dB
Peak	4.90 dB
	25.85 dBm

0 dB 20 dB
Info BW 5.0000 MHz

Center Freq 1.907500000 GHz

CF Step 5.000000 MHz
Auto Man

Freq Offset 0 Hz

MSG STATUS

(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

Agilent Spectrum Analyzer - Power Stat CCDF
LXI R L RF 50 Ω AC SENSE:PULSE ALIGN AUTO 10:14:33 AM Jun 22, 2016
Center Freq 1.907500000 GHz
Center Freq: 1.907500000 GHz Radio Std: None
Trig: Free Run Counts:500 k/500 kpt
#IFGain:Low #Atten: 40 dB

Frequency

Average Power

21.08 dBm

47.75 % at 0dB

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

10.0 %	2.39 dB
1.0 %	4.12 dB
0.1 %	5.01 dB
0.01 %	5.52 dB
0.001 %	5.86 dB
0.0001 %	--- dB
Peak	5.98 dB
	27.06 dBm

0 dB 20 dB
Info BW 5.0000 MHz

Center Freq 1.907500000 GHz

CF Step 5.000000 MHz
Auto Man

Freq Offset 0 Hz

MSG STATUS

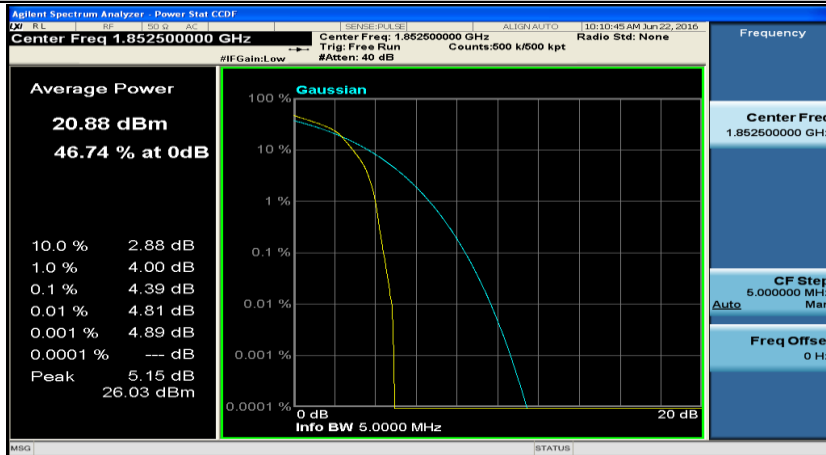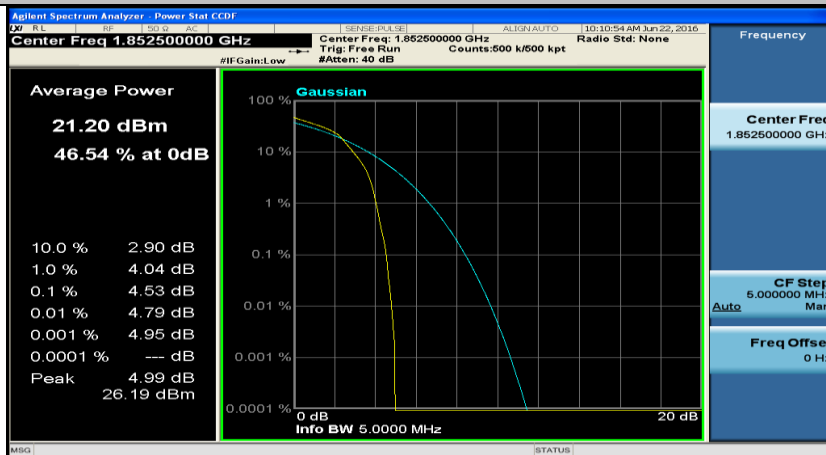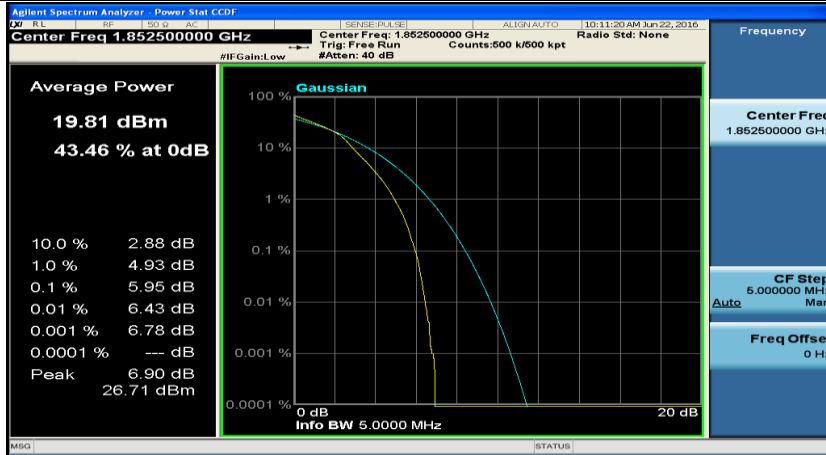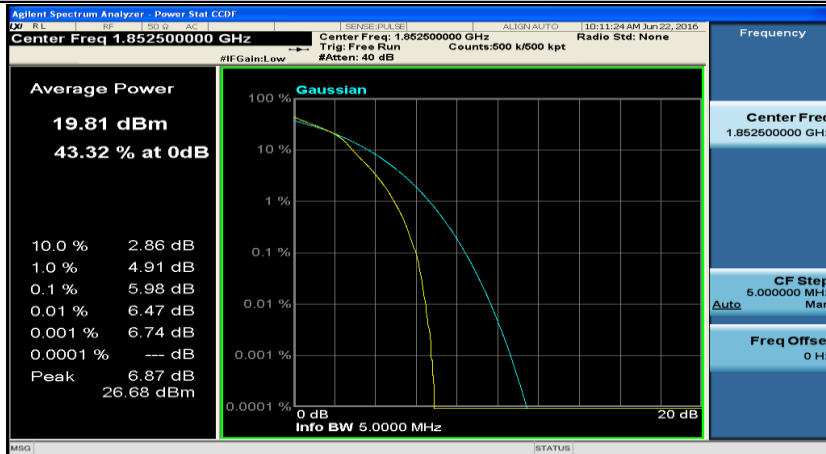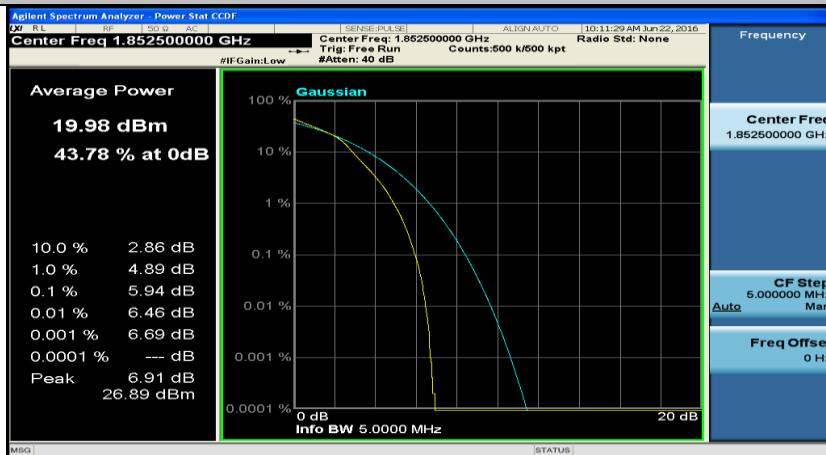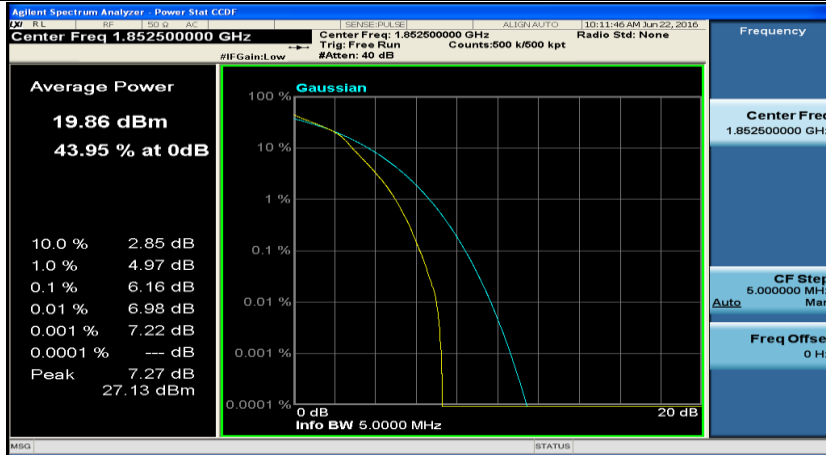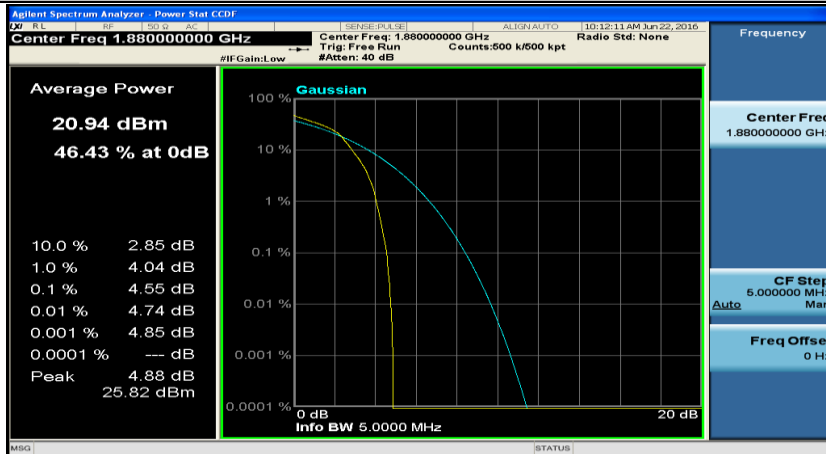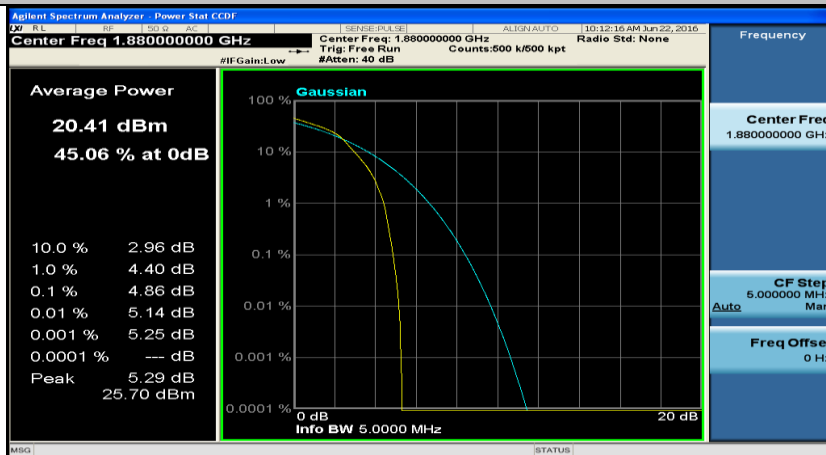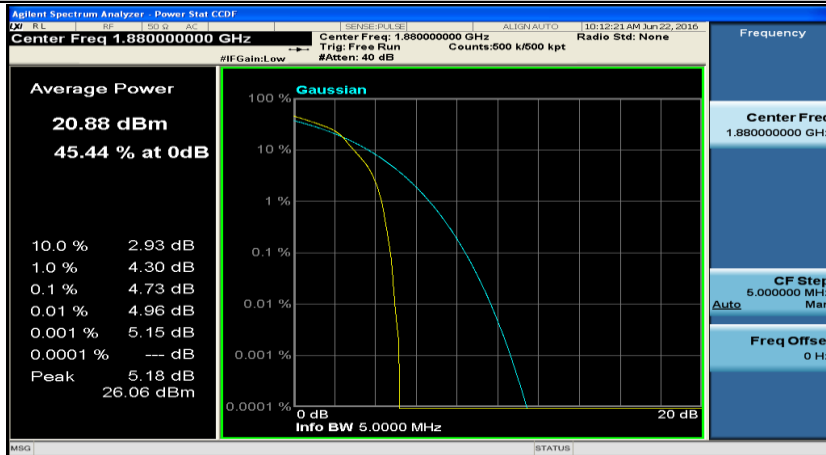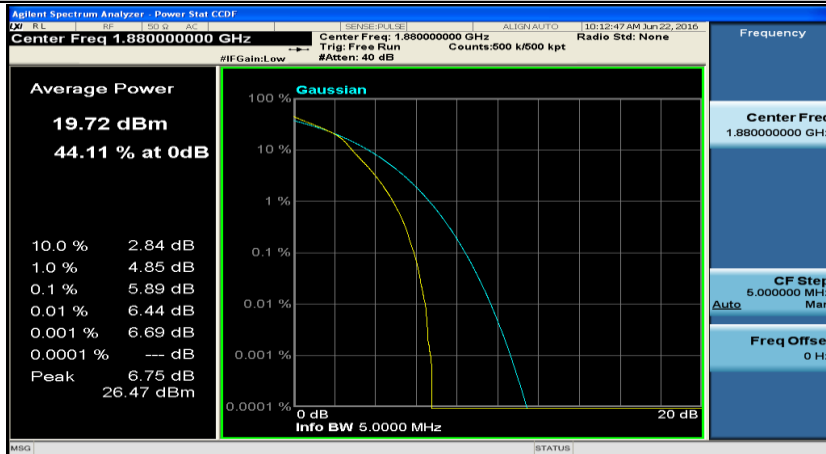| (Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0 |
|---|
| |
| (Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12 |
| |
| (Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24 |
| |

(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0

Agilent Spectrum Analyzer - Power Stat CCDF
LXI R L   RF   50 Ω   AC
Center Freq 1.852500000 GHz
#IFGain:Low

SENSE:PULSE   ALIGN AUTO   10:11:20 AM Jun 22, 2016
Center Freq: 1.852500000 GHz   Radio Std: None
Trig: Free Run   Counts:500 k/500 kpt
#Atten: 40 dB

Average Power

19.81 dBm

43.46 % at 0dB

10.0 %	2.88 dB
1.0 %	4.93 dB
0.1 %	5.95 dB
0.01 %	6.43 dB
0.001 %	6.78 dB
0.0001 %	--- dB
Peak	6.90 dB
	26.71 dBm

Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
Info BW 5.0000 MHz
20 dB

Frequency
Center Freq 1.852500000 GHz
CF Step 5.000000 MHz   Auto   Man
Freq Offset 0 Hz

MSG   STATUS

(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6

Agilent Spectrum Analyzer - Power Stat CCDF
LXI R L   RF   50 Ω   AC
Center Freq 1.852500000 GHz
#IFGain:Low

SENSE:PULSE   ALIGN AUTO   10:11:24 AM Jun 22, 2016
Center Freq: 1.852500000 GHz   Radio Std: None
Trig: Free Run   Counts:500 k/500 kpt
#Atten: 40 dB

Average Power

19.81 dBm

43.32 % at 0dB

10.0 %	2.86 dB
1.0 %	4.91 dB
0.1 %	5.98 dB
0.01 %	6.47 dB
0.001 %	6.74 dB
0.0001 %	--- dB
Peak	6.87 dB
	26.68 dBm

Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
Info BW 5.0000 MHz
20 dB

Frequency
Center Freq 1.852500000 GHz
CF Step 5.000000 MHz   Auto   Man
Freq Offset 0 Hz

MSG   STATUS

(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13

Agilent Spectrum Analyzer - Power Stat CCDF
LXI R L   RF   50 Ω   AC
Center Freq 1.852500000 GHz
#IFGain:Low

SENSE:PULSE   ALIGN AUTO   10:11:29 AM Jun 22, 2016
Center Freq: 1.852500000 GHz   Radio Std: None
Trig: Free Run   Counts:500 k/500 kpt
#Atten: 40 dB

Average Power

19.98 dBm

43.78 % at 0dB

10.0 %	2.86 dB
1.0 %	4.89 dB
0.1 %	5.94 dB
0.01 %	6.46 dB
0.001 %	6.69 dB
0.0001 %	--- dB
Peak	6.91 dB
	26.89 dBm

Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
Info BW 5.0000 MHz
20 dB

Frequency
Center Freq 1.852500000 GHz
CF Step 5.000000 MHz   Auto   Man
Freq Offset 0 Hz

MSG   STATUS

(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

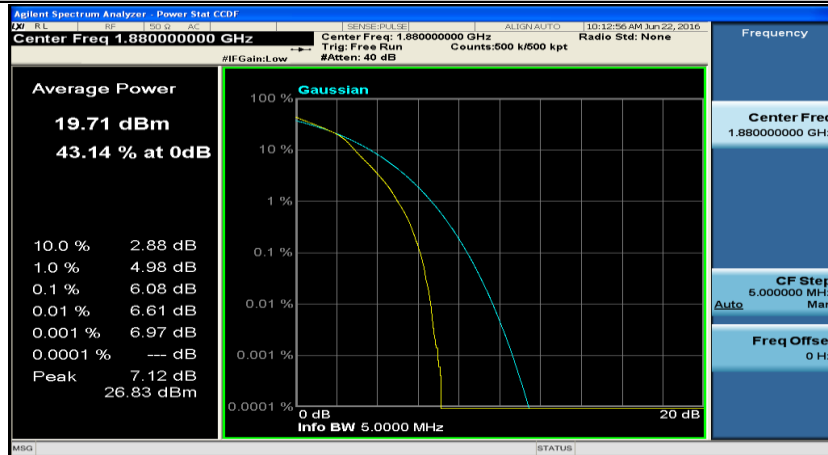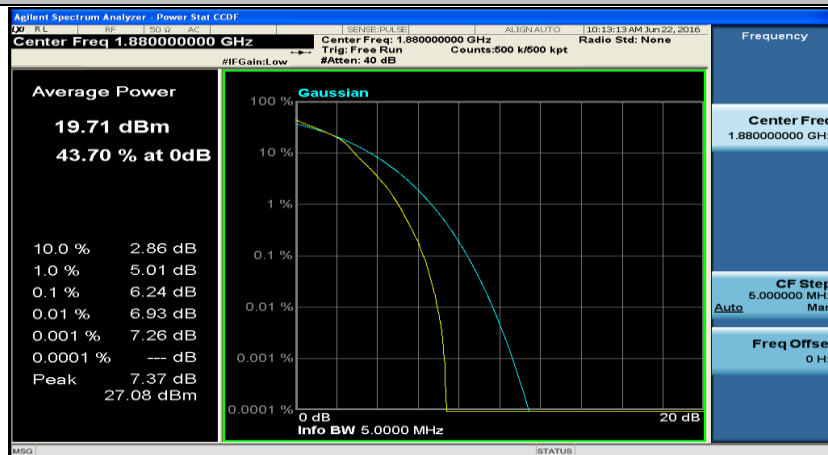| (Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24 |
|---|
| |
| (Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0 |
| |
| (Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6 |
| |

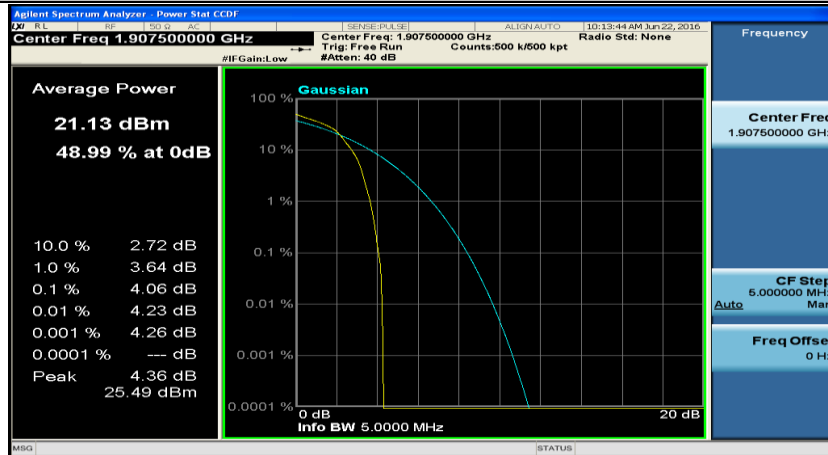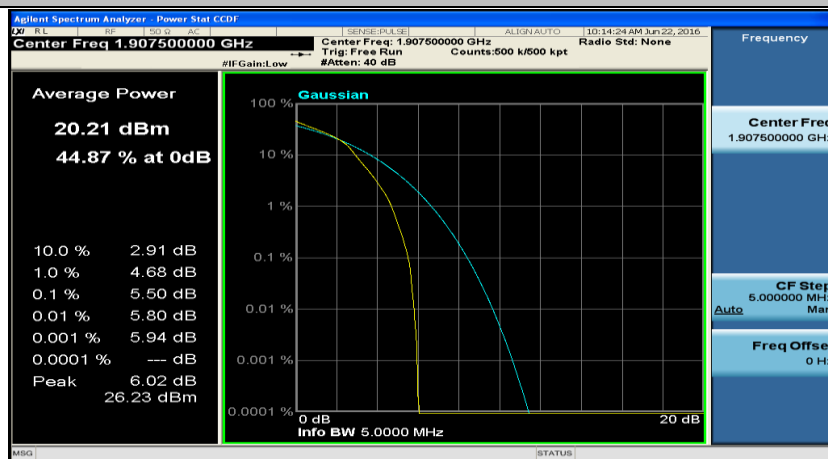## (Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13

```
Agilent Spectrum Analyzer - Power Stat CCDF
LXI  R L    RF    50 Ω   AC                SENSE:PULSE         ALIGN AUTO    10:12:56 AM Jun 22, 2016
Center Freq 1.880000000 GHz      Center Freq: 1.880000000 GHz      Radio Std: None
                                 Trig: Free Run      Counts:500 k/500 kpt
                    #IFGain:Low   #Atten: 40 dB

Average Power                  100 %   Gaussian

  19.71 dBm                     10 %

  43.14 % at 0dB                 1 %

10.0 %     2.88 dB              0.1 %
1.0 %      4.98 dB
0.1 %      6.08 dB
0.01 %     6.61 dB             0.01 %
0.001 %    6.97 dB
0.0001 %    --- dB            0.001 %
Peak       7.12 dB
          26.83 dBm          0.0001 %  0 dB                            20 dB
                                       Info BW  5.0000 MHz
MSG                                                    STATUS

                                                    Frequency

                                                    Center Freq
                                                    1.880000000 GHz

                                                    CF Step
                                                    5.000000 MHz
                                                    Auto       Man

                                                    Freq Offset
                                                    0 Hz
```

(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

```
Agilent Spectrum Analyzer - Power Stat CCDF
LXI  R L    RF    50 Ω   AC                SENSE:PULSE         ALIGN AUTO    10:13:13 AM Jun 22, 2016
Center Freq 1.880000000 GHz      Center Freq: 1.880000000 GHz      Radio Std: None
                                 Trig: Free Run      Counts:500 k/500 kpt
                    #IFGain:Low   #Atten: 40 dB

Average Power                  100 %   Gaussian

  19.71 dBm                     10 %

  43.70 % at 0dB                 1 %

10.0 %     2.86 dB              0.1 %
1.0 %      5.01 dB
0.1 %      6.24 dB
0.01 %     6.93 dB             0.01 %
0.001 %    7.26 dB
0.0001 %    --- dB            0.001 %
Peak       7.37 dB
          27.08 dBm          0.0001 %  0 dB                            20 dB
                                       Info BW  5.0000 MHz
MSG                                                    STATUS

                                                    Frequency

                                                    Center Freq
                                                    1.880000000 GHz

                                                    CF Step
                                                    5.000000 MHz
                                                    Auto       Man

                                                    Freq Offset
                                                    0 Hz
```

(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

```
Agilent Spectrum Analyzer - Power Stat CCDF
LXI  R L    RF    50 Ω   AC                SENSE:PULSE         ALIGN AUTO    10:13:40 AM Jun 22, 2016
Center Freq 1.907500000 GHz      Center Freq: 1.907500000 GHz      Radio Std: None
                                 Trig: Free Run      Counts:500 k/500 kpt
                    #IFGain:Low   #Atten: 40 dB

Average Power                  100 %   Gaussian

  21.58 dBm                     10 %

  50.38 % at 0dB                 1 %

10.0 %     2.62 dB              0.1 %
1.0 %      3.45 dB
0.1 %      3.88 dB
0.01 %     4.08 dB             0.01 %
0.001 %    4.19 dB
0.0001 %    --- dB            0.001 %
Peak       4.22 dB
          25.80 dBm          0.0001 %  0 dB                            20 dB
                                       Info BW  5.0000 MHz
MSG                                                    STATUS

                                                    Frequency

                                                    Center Freq
                                                    1.907500000 GHz

                                                    CF Step
                                                    5.000000 MHz
                                                    Auto       Man

                                                    Freq Offset
                                                    0 Hz
```

(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0
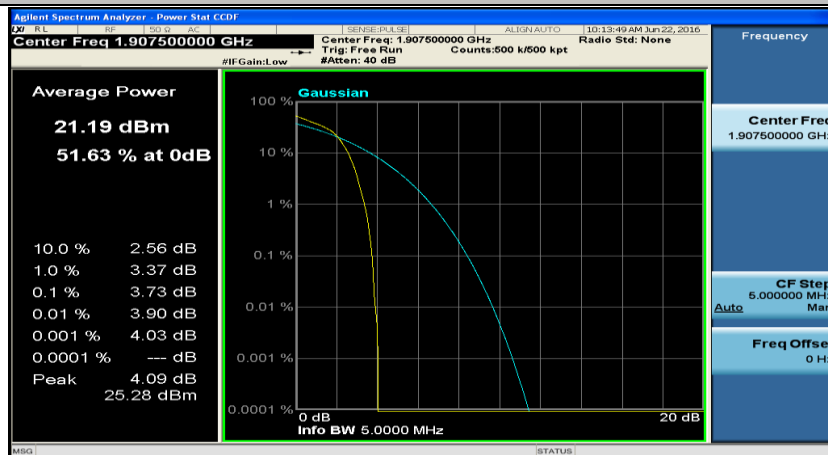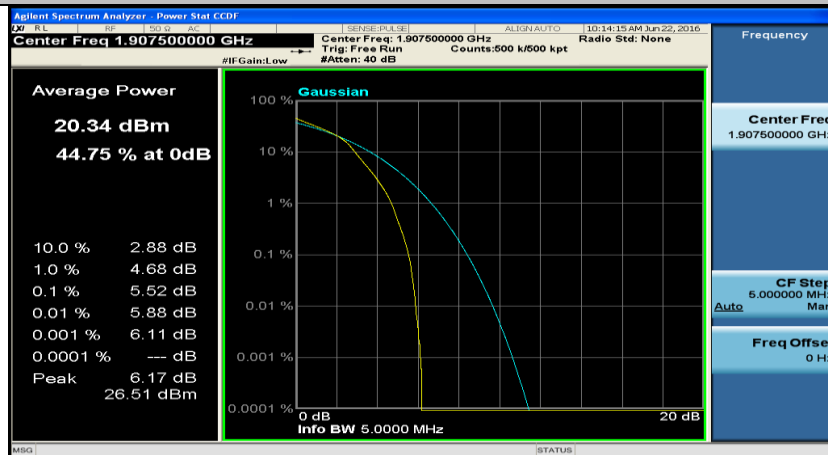
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0
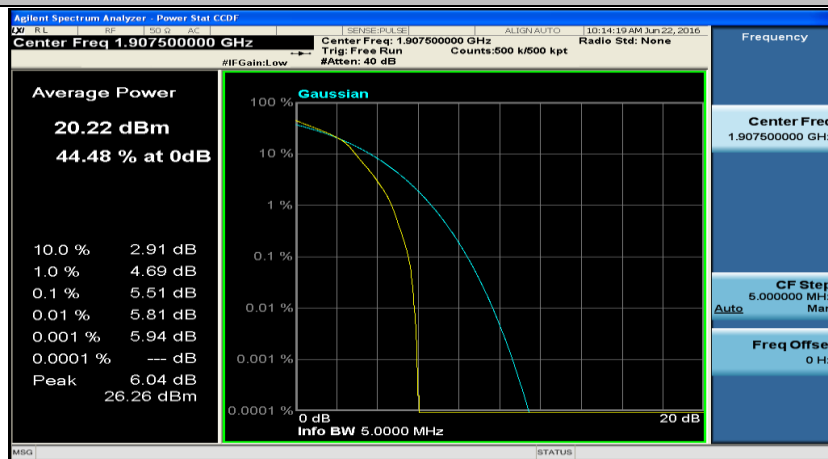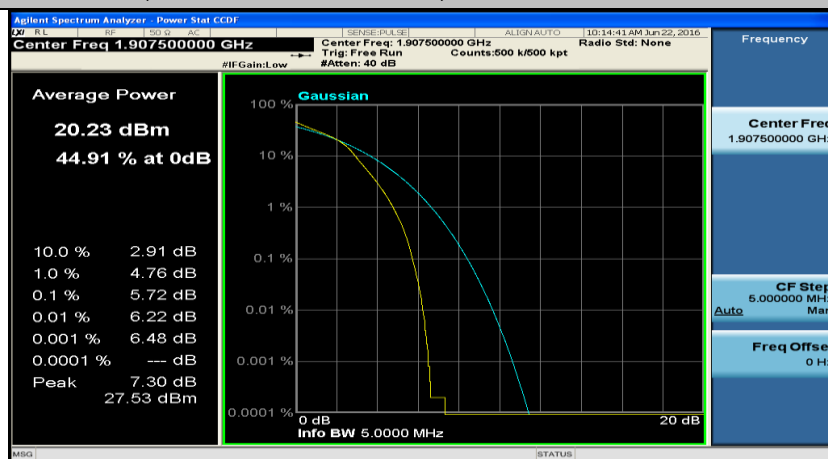
Channel Bandwidth: 10 MHz

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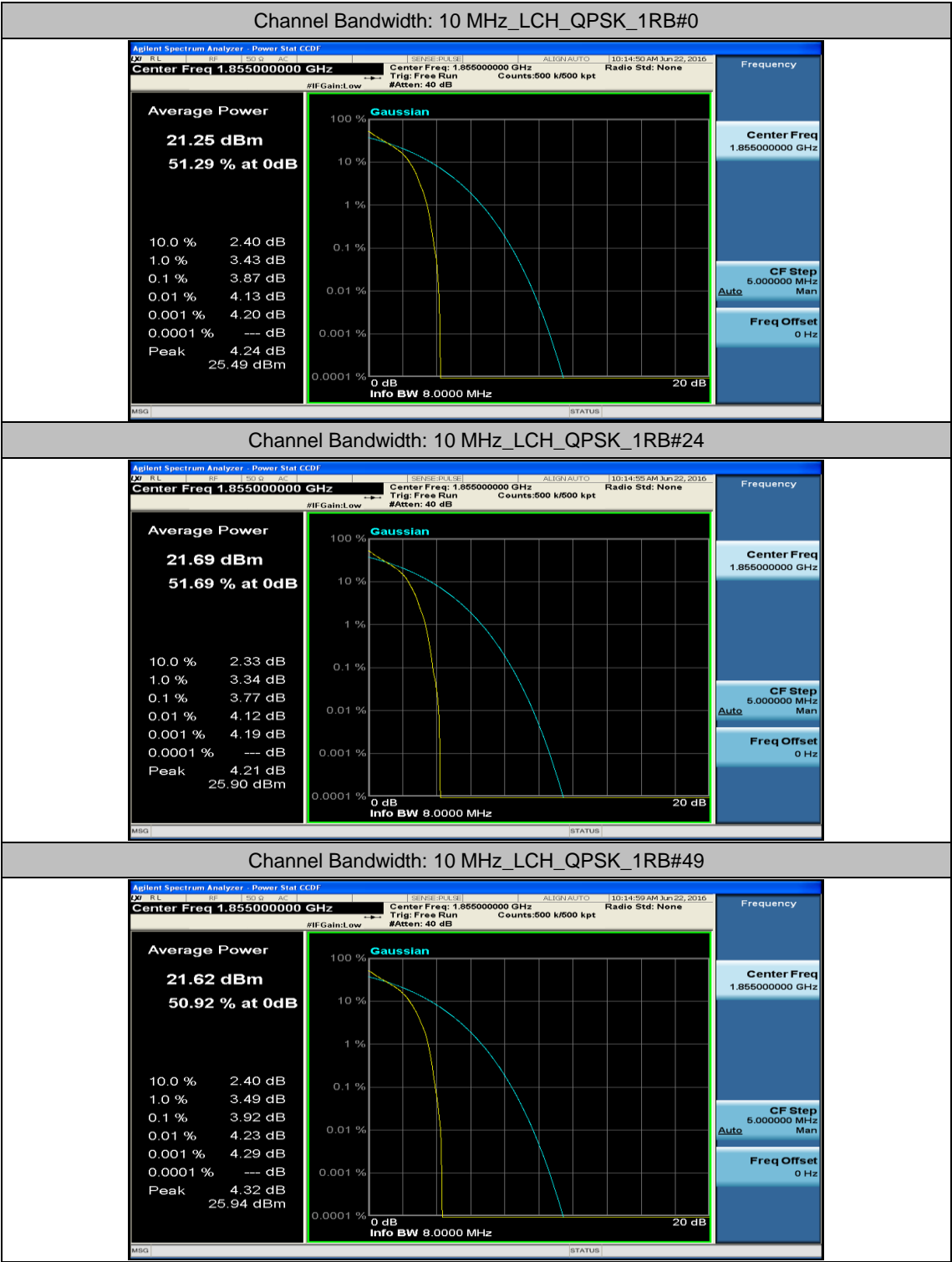
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0
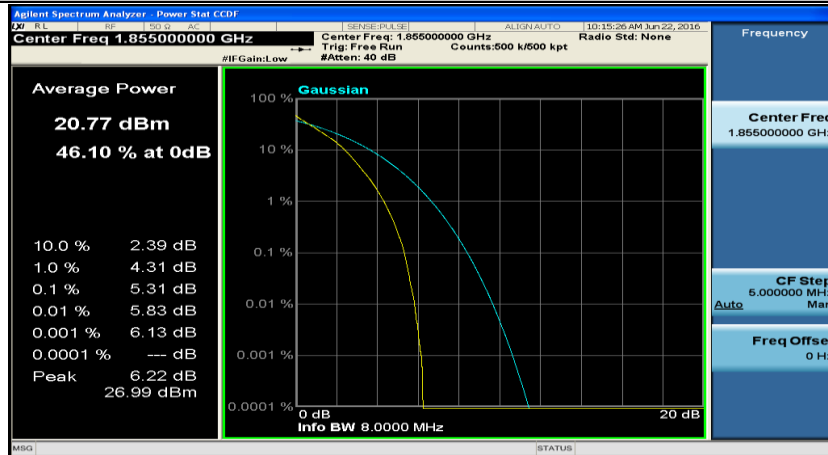
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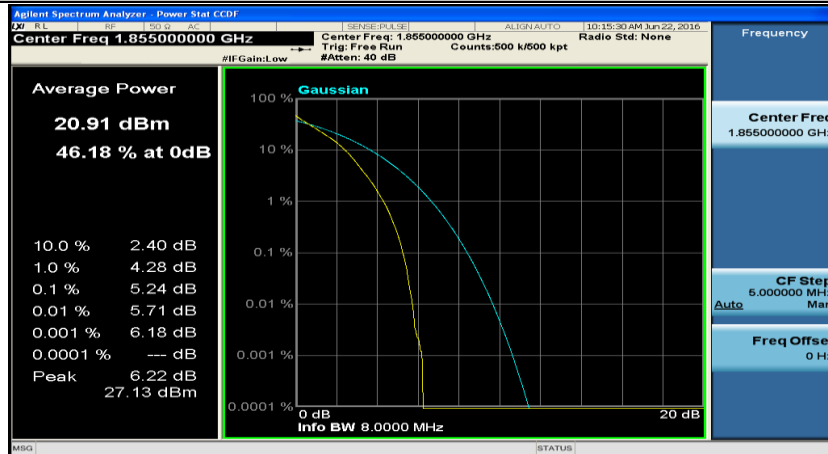
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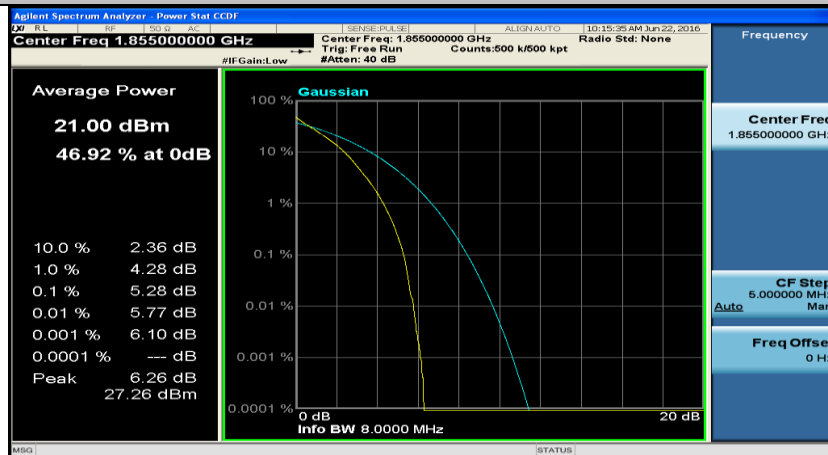
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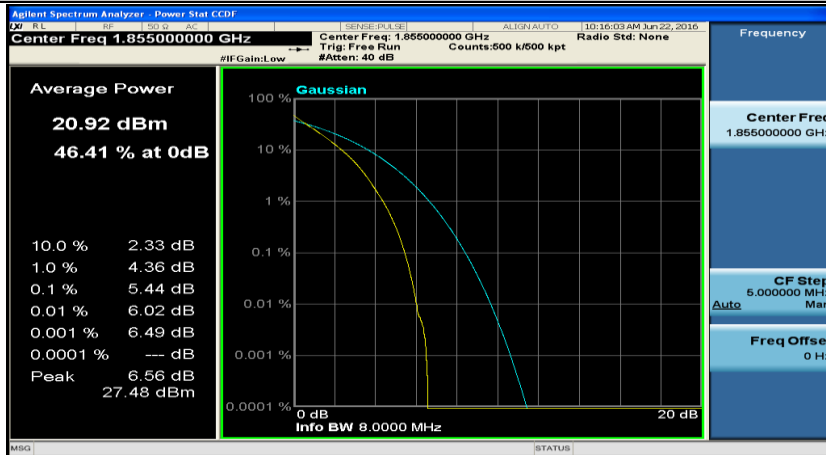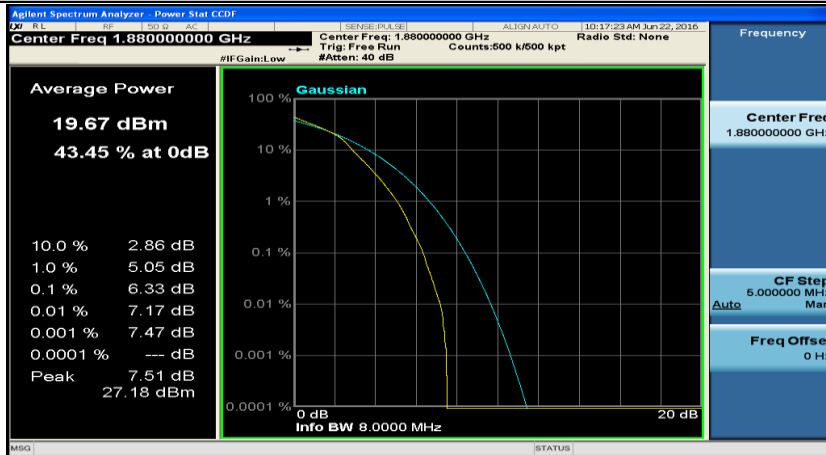

Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0
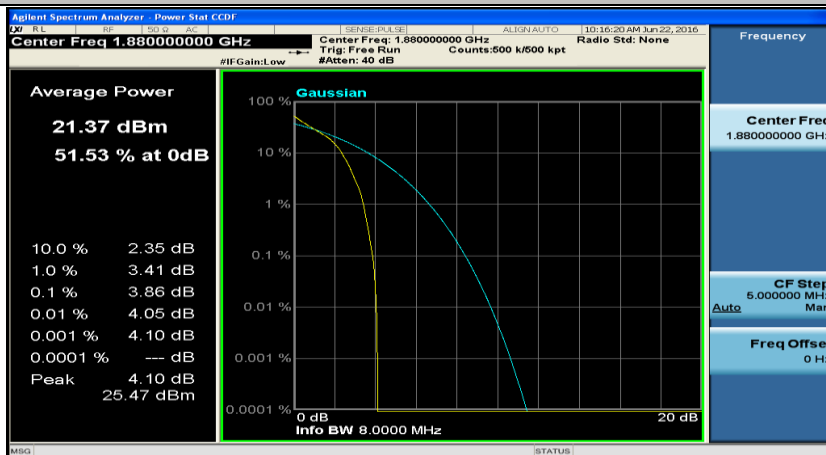
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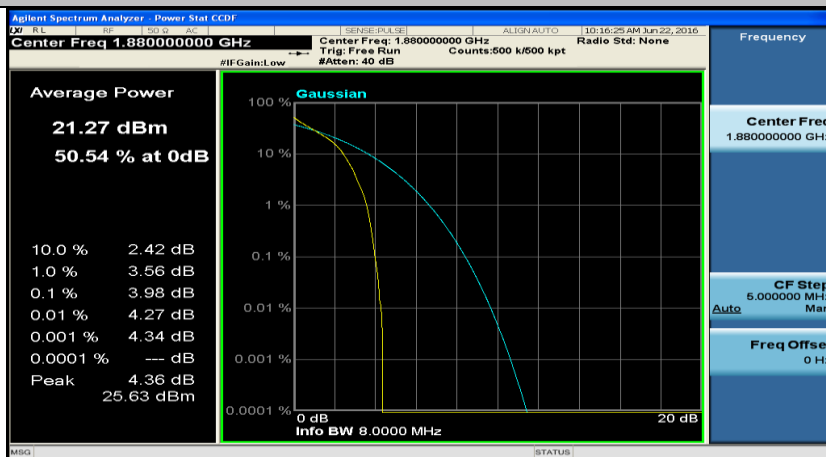
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49
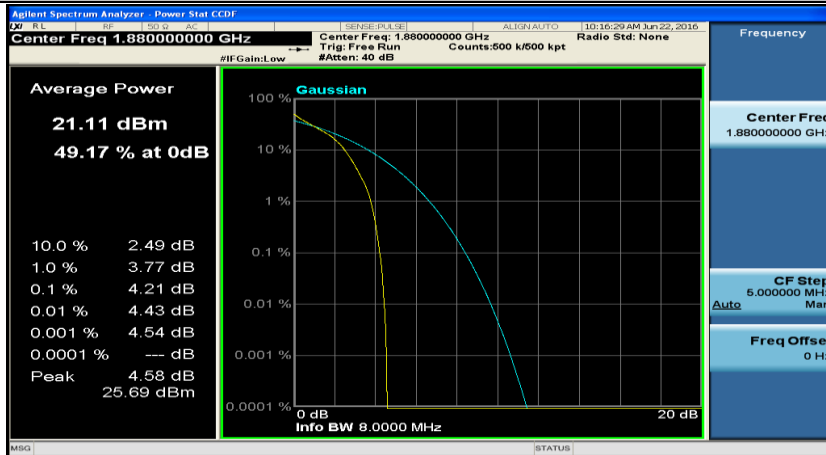
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0
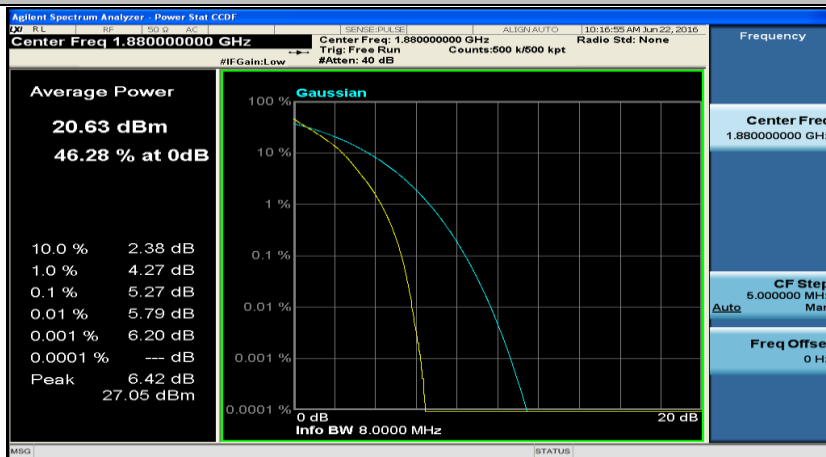
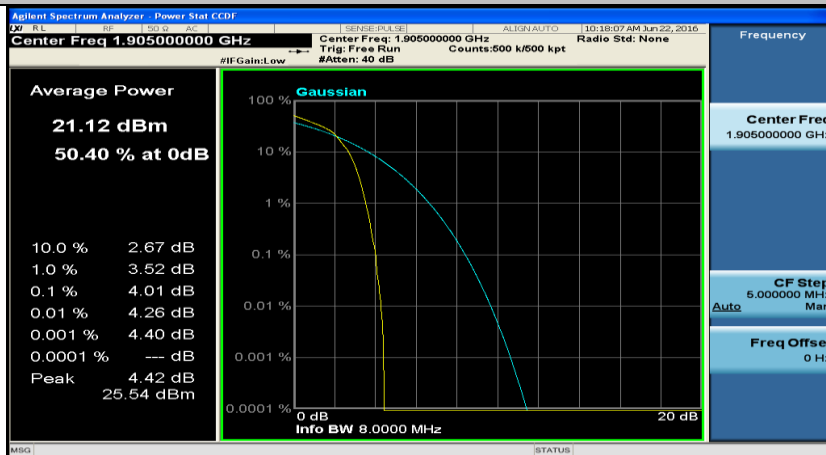| Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12 |
| --- |
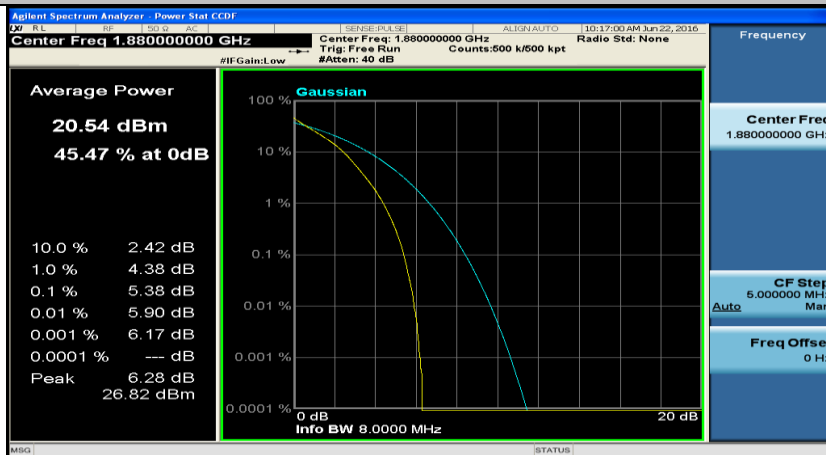
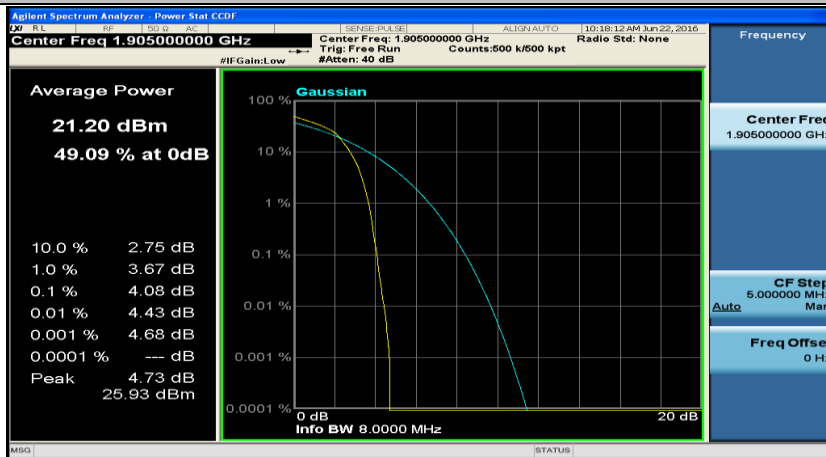## Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25
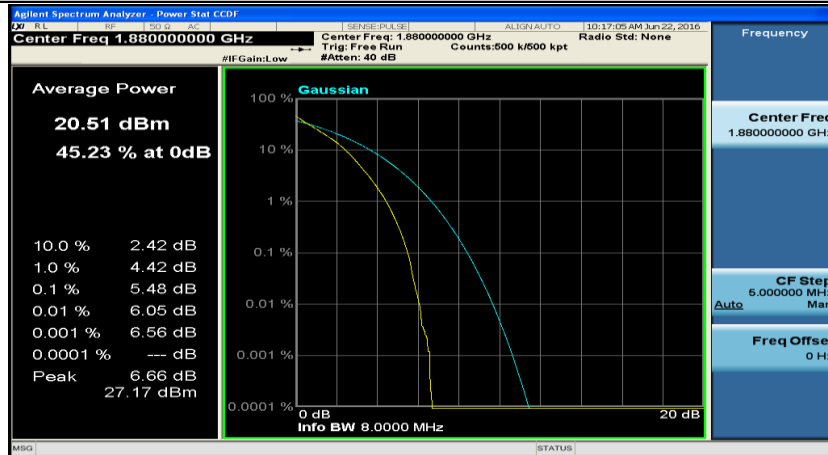
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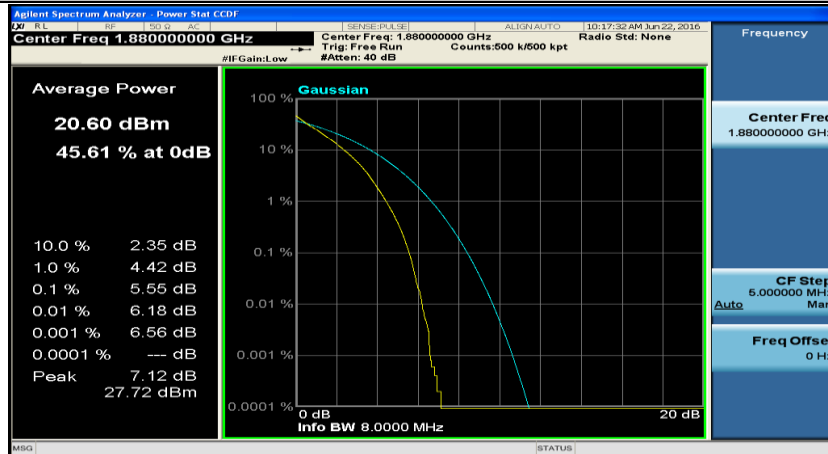
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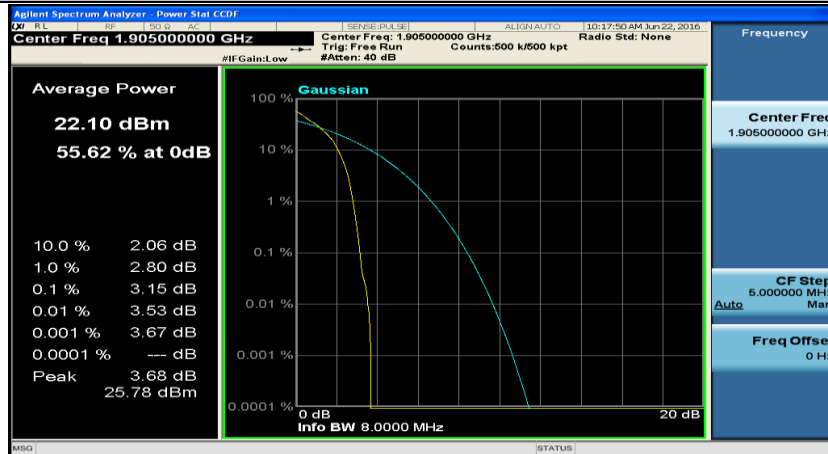
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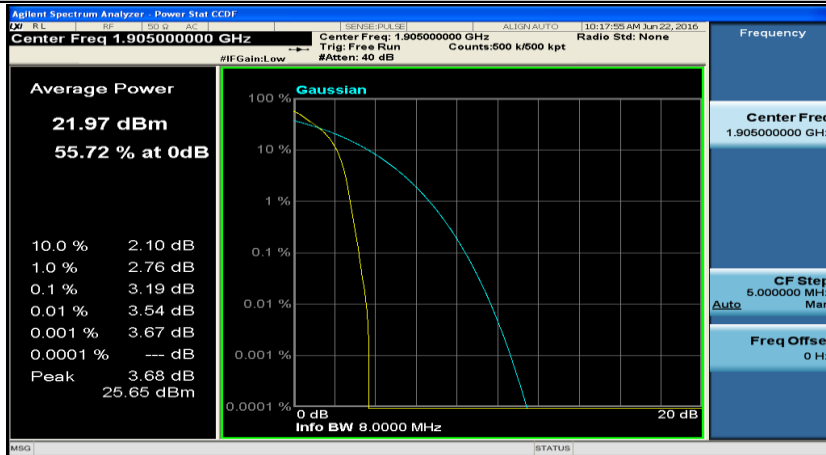
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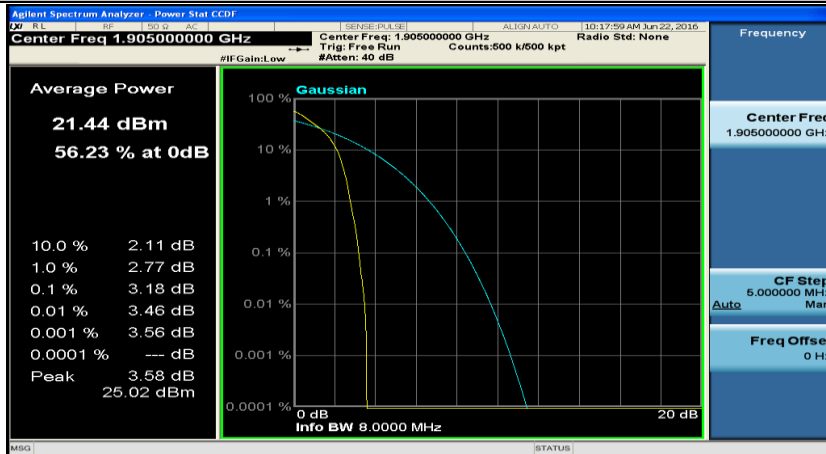
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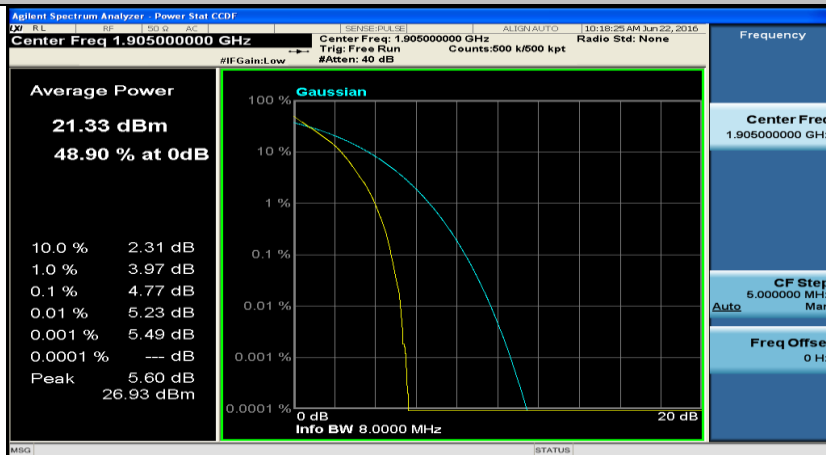
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12
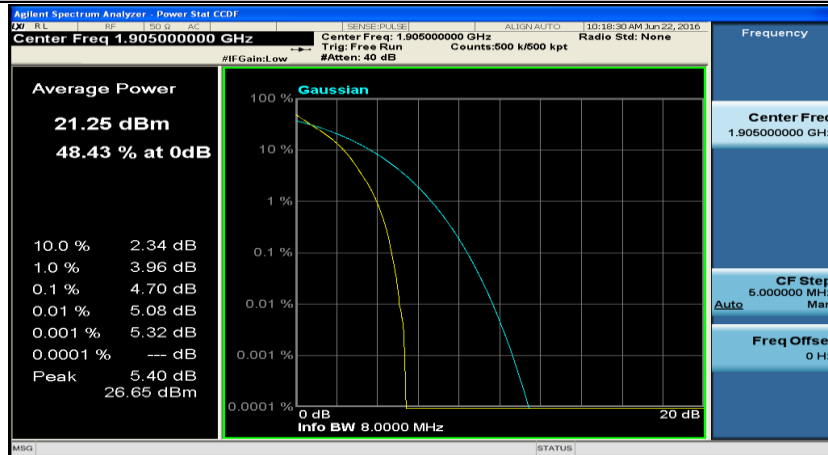
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25
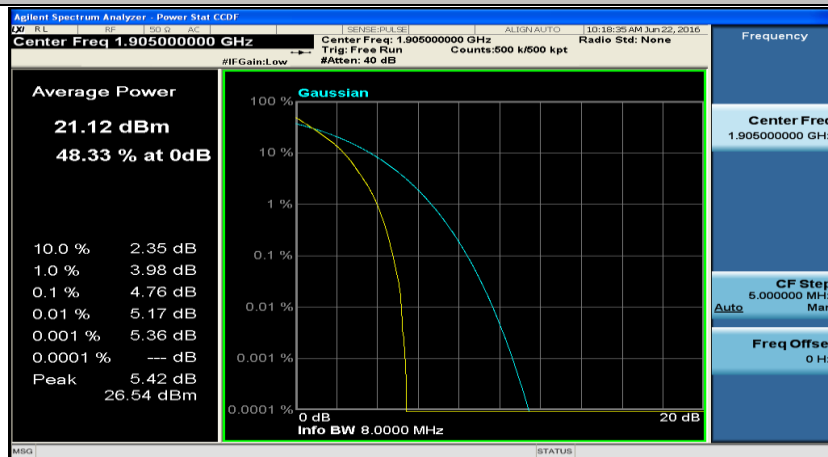
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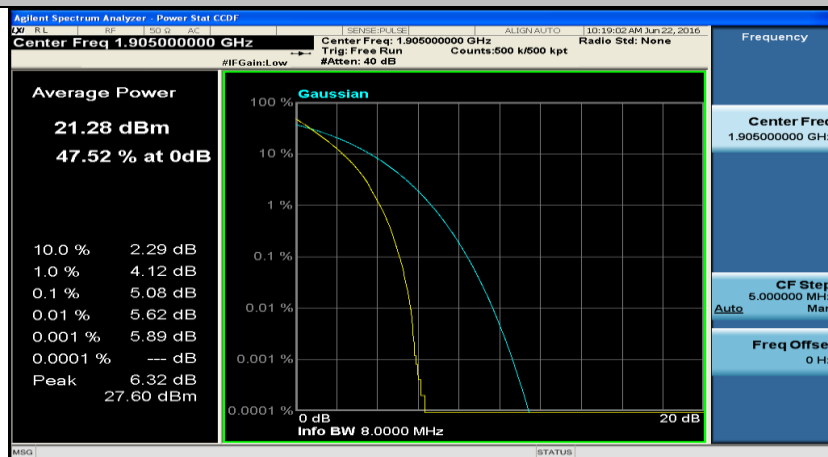
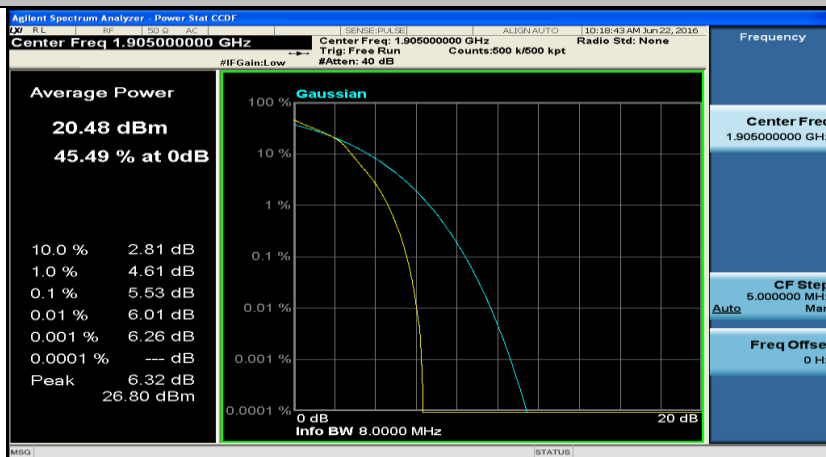| Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0 |
|---|
| |
| Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24 |
| |
| Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49 |
| |
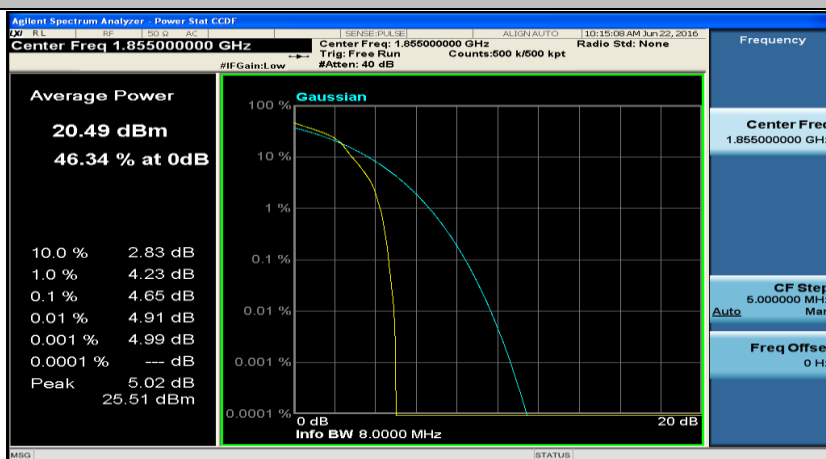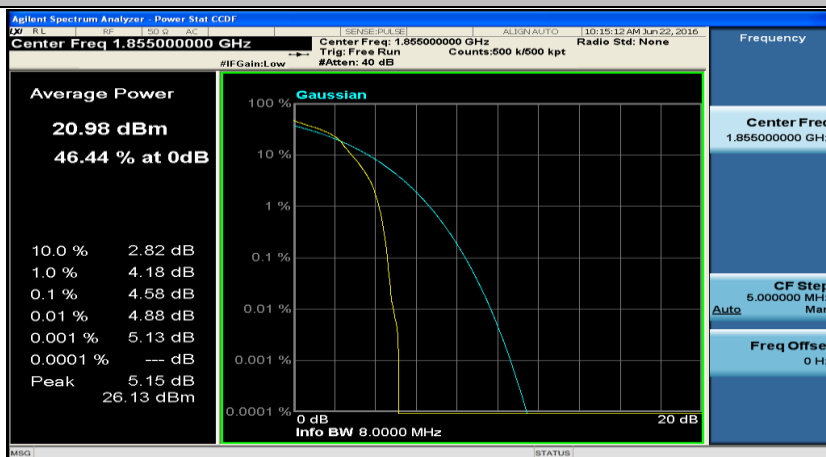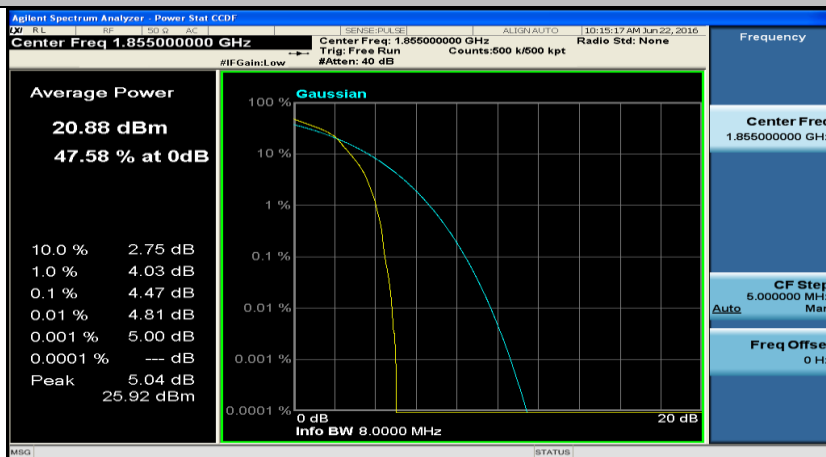
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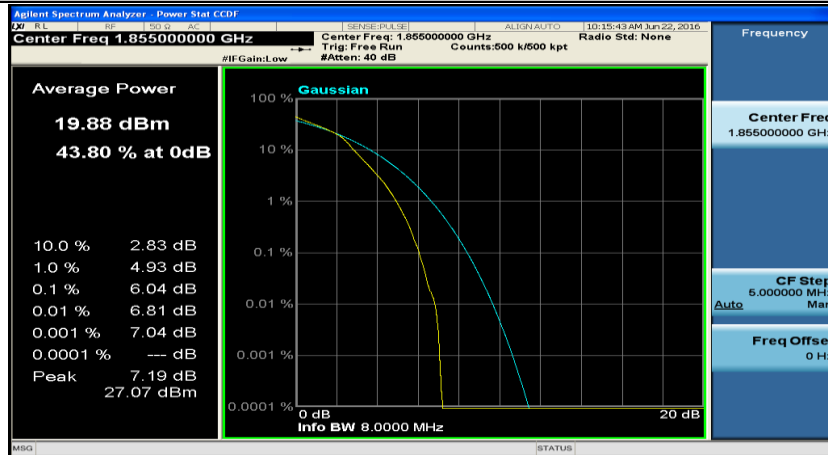
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12
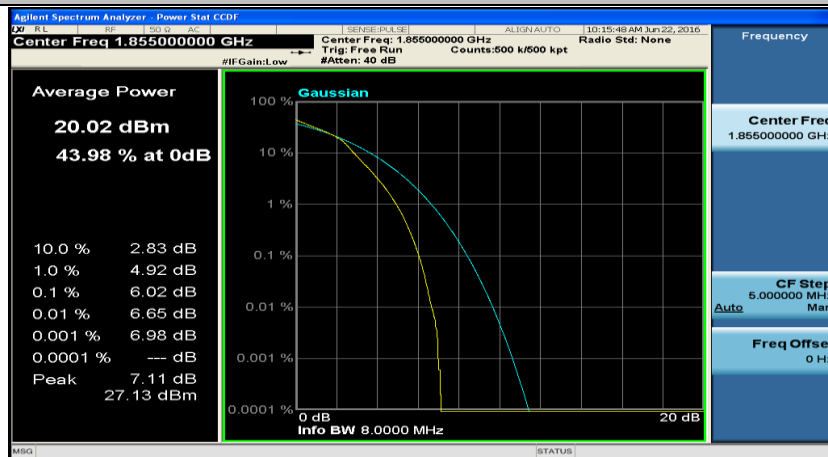
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25
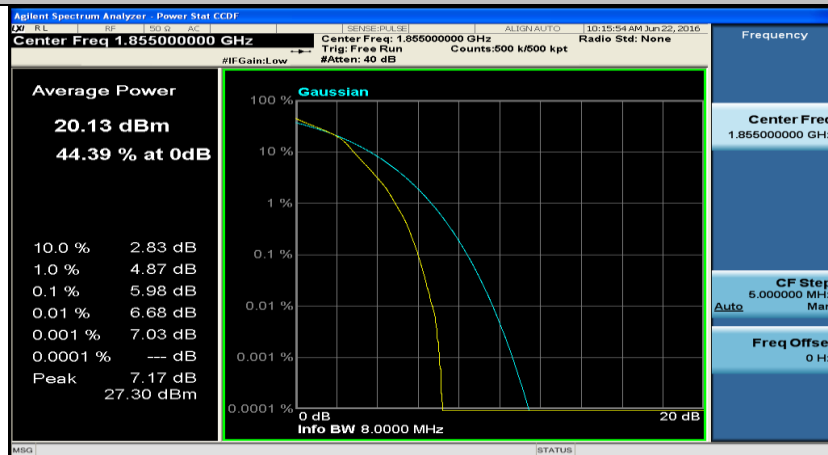
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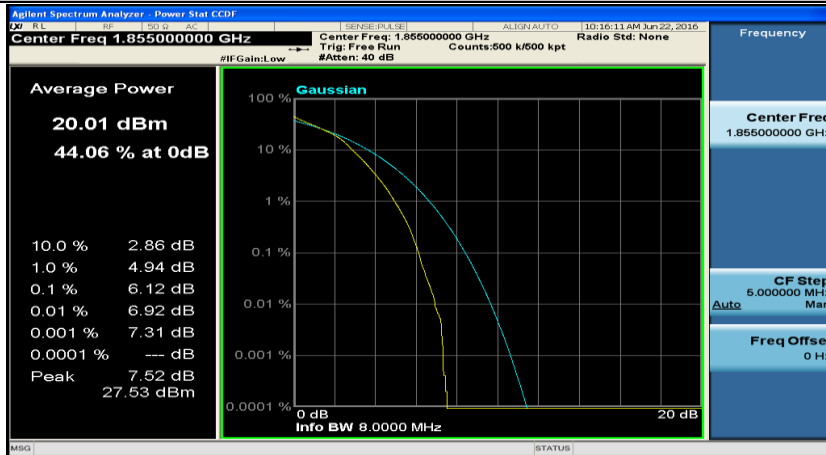
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0
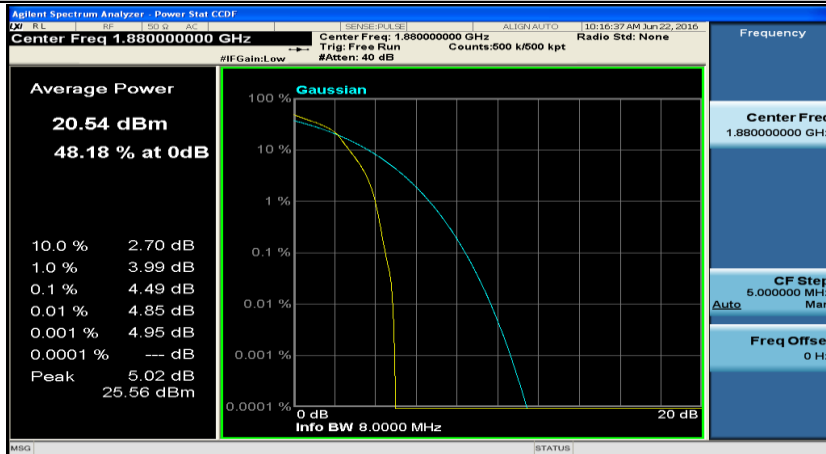
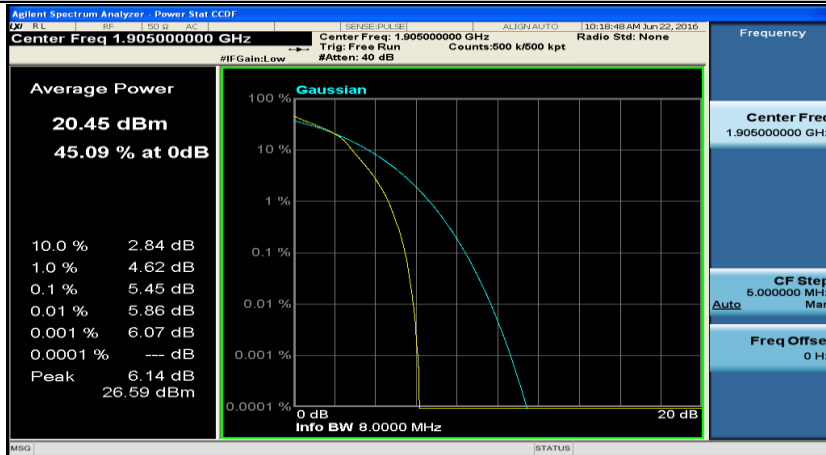| Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24 |
|---|
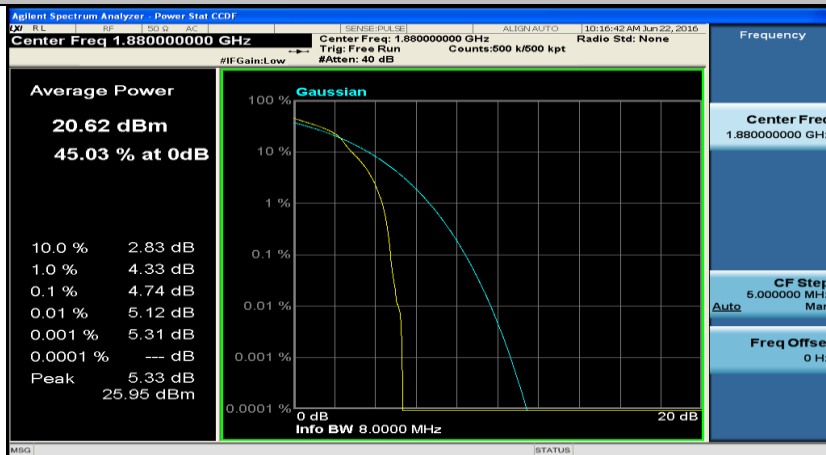
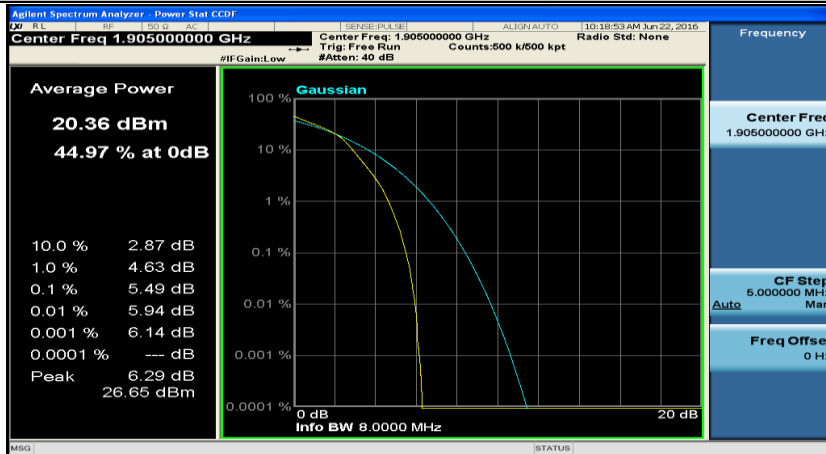## Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49
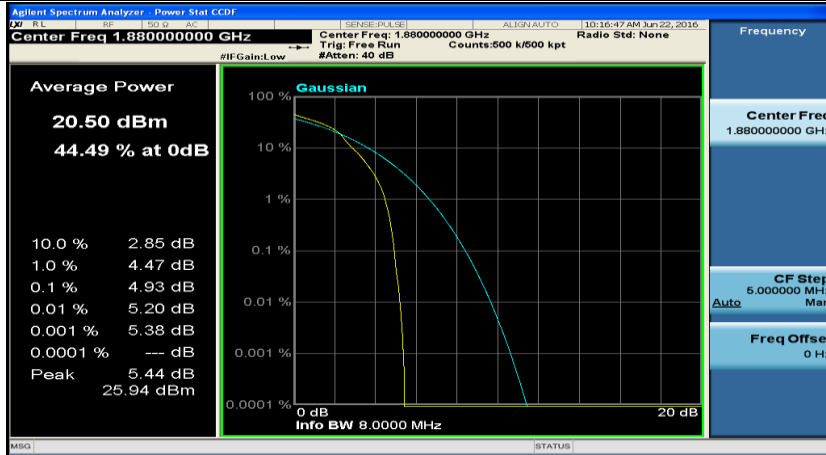
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0
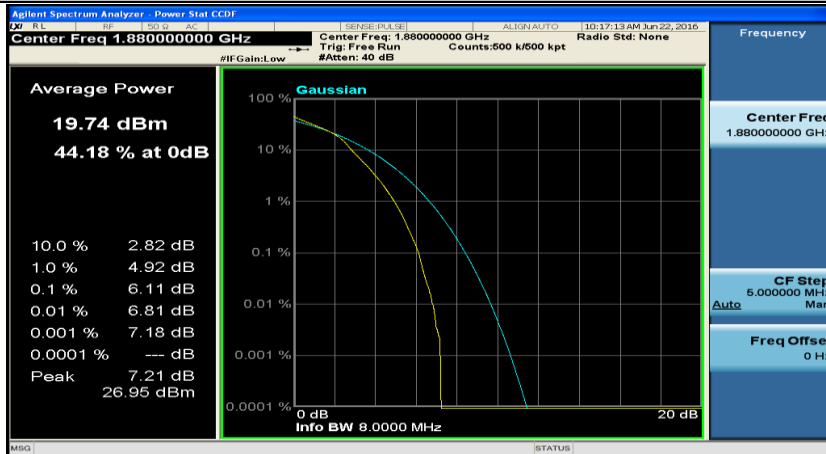
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12
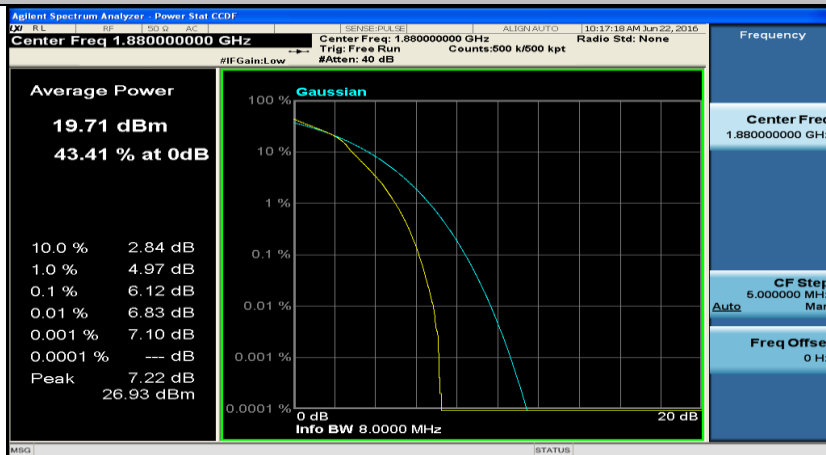
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25

Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0
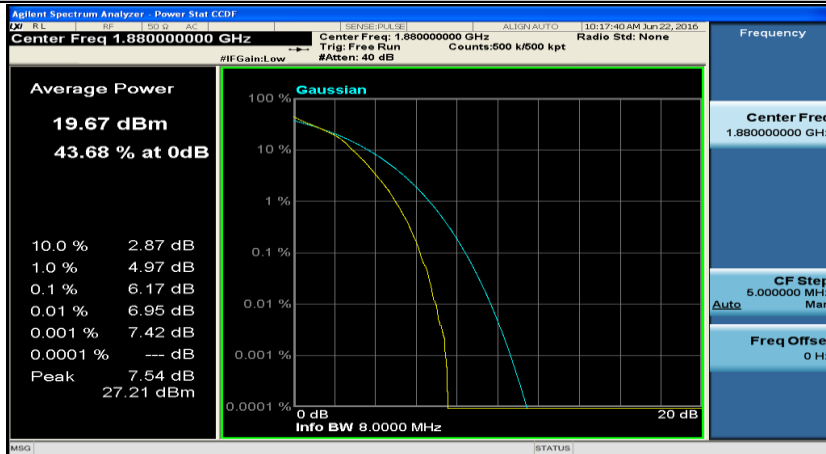
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24

Agilent Spectrum Analyzer - Power Stat CCDF
LXI R L   RF   50 Ω   AC
Center Freq 1.905000000 GHz
#IFGain:Low

Center Freq: 1.905000000 GHz   ALIGN AUTO   10:18:12 AM Jun 22, 2016
Trig: Free Run   Counts:500 k/500 kpt   Radio Std: None
SENSE:PULSE
#Atten: 40 dB

Average Power

21.20 dBm

49.09 % at 0dB

10.0 %	2.75 dB
1.0 %	3.67 dB
0.1 %	4.08 dB
0.01 %	4.43 dB
0.001 %	4.68 dB
0.0001 %	--- dB
Peak	4.73 dB
	25.93 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
1.905000000 GHz
CF Step
5.000000 MHz
Auto   Man
Freq Offset
0 Hz
MSG   STATUS

Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49

Agilent Spectrum Analyzer - Power Stat CCDF
LXI R L   RF   50 Ω   AC
Center Freq 1.905000000 GHz
#IFGain:Low

Center Freq: 1.905000000 GHz   ALIGN AUTO   10:18:17 AM Jun 22, 2016
Trig: Free Run   Counts:500 k/500 kpt   Radio Std: None
SENSE:PULSE
#Atten: 40 dB

Average Power

20.71 dBm

49.43 % at 0dB

10.0 %	2.77 dB
1.0 %	3.65 dB
0.1 %	4.13 dB
0.01 %	4.50 dB
0.001 %	4.60 dB
0.0001 %	--- dB
Peak	4.62 dB
	25.33 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
1.905000000 GHz
CF Step
5.000000 MHz
Auto   Man
Freq Offset
0 Hz
MSG   STATUS

Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0

Agilent Spectrum Analyzer - Power Stat CCDF
LXI R L   RF   50 Ω   AC
Center Freq 1.905000000 GHz
#IFGain:Low

Center Freq: 1.905000000 GHz   ALIGN AUTO   10:18:43 AM Jun 22, 2016
Trig: Free Run   Counts:500 k/500 kpt   Radio Std: None
SENSE:PULSE
#Atten: 40 dB

Average Power

20.48 dBm

45.49 % at 0dB

10.0 %	2.81 dB
1.0 %	4.61 dB
0.1 %	5.53 dB
0.01 %	6.01 dB
0.001 %	6.26 dB
0.0001 %	--- dB
Peak	6.32 dB
	26.80 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
1.905000000 GHz
CF Step
5.000000 MHz
Auto   Man
Freq Offset
0 Hz
MSG   STATUS

Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12
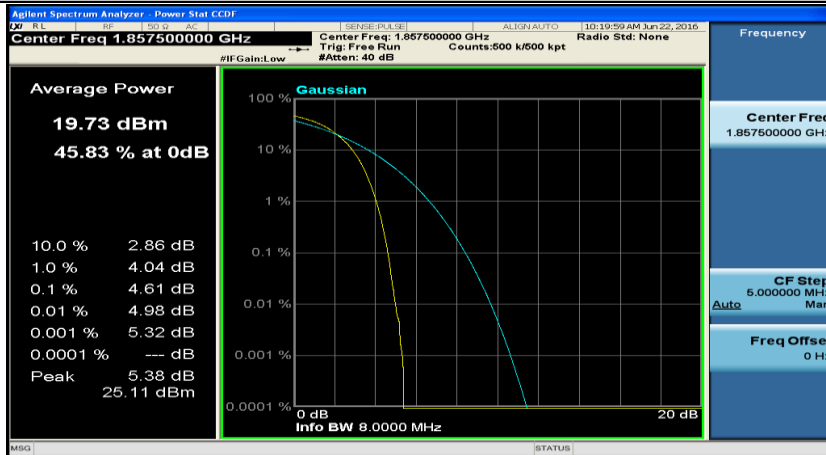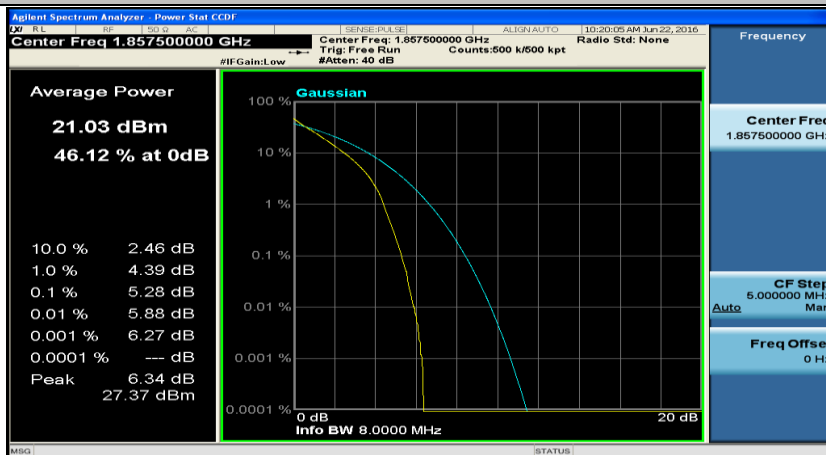

Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25

Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0
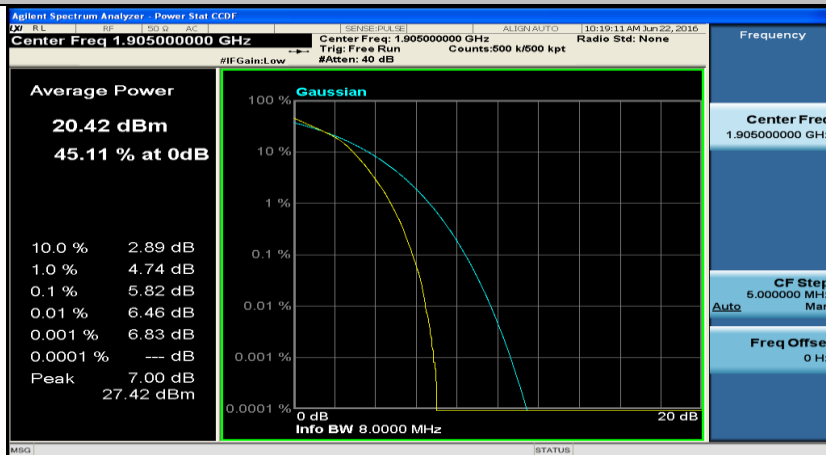
Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#37

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#74
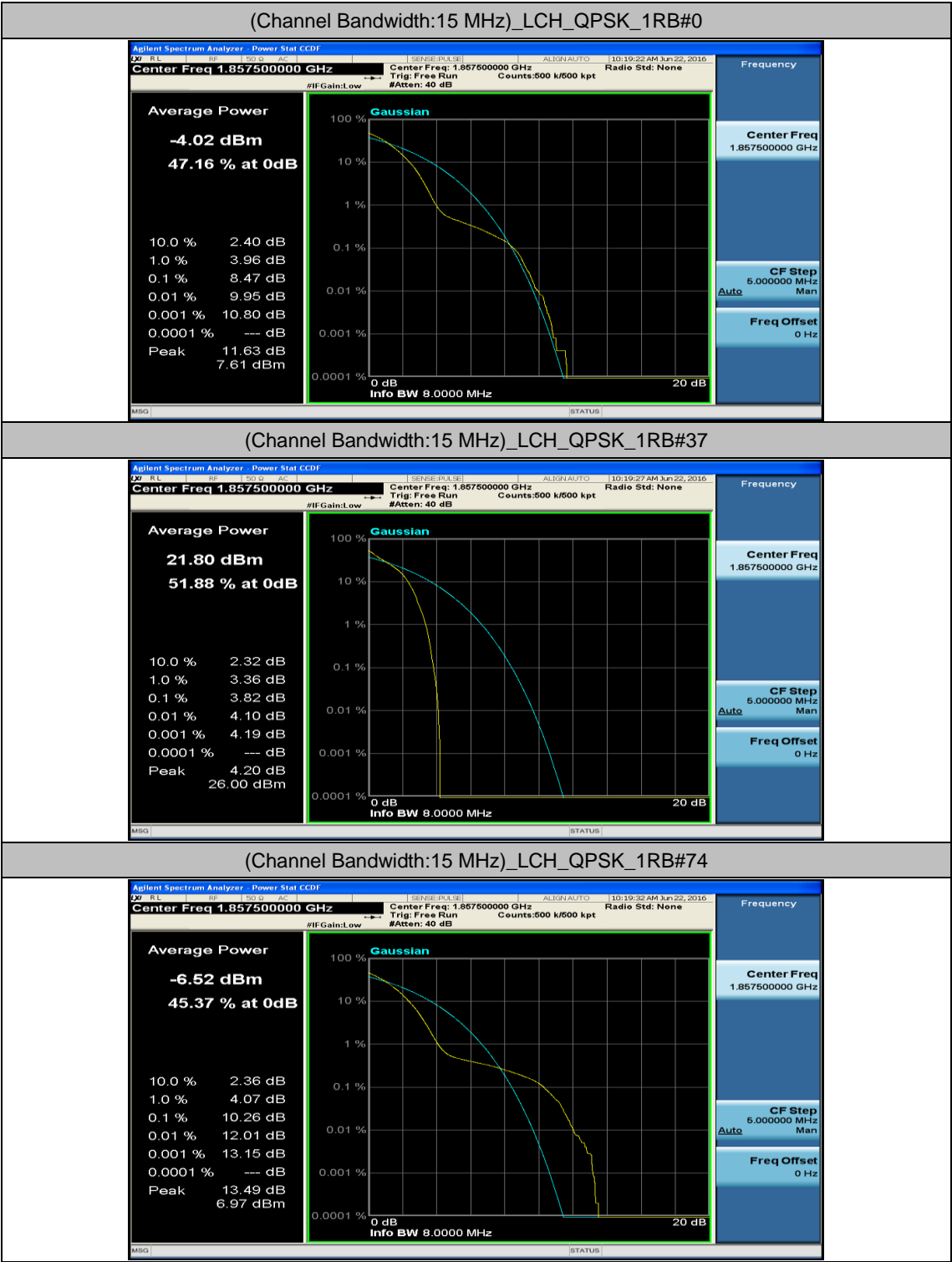
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#0

(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18

(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38
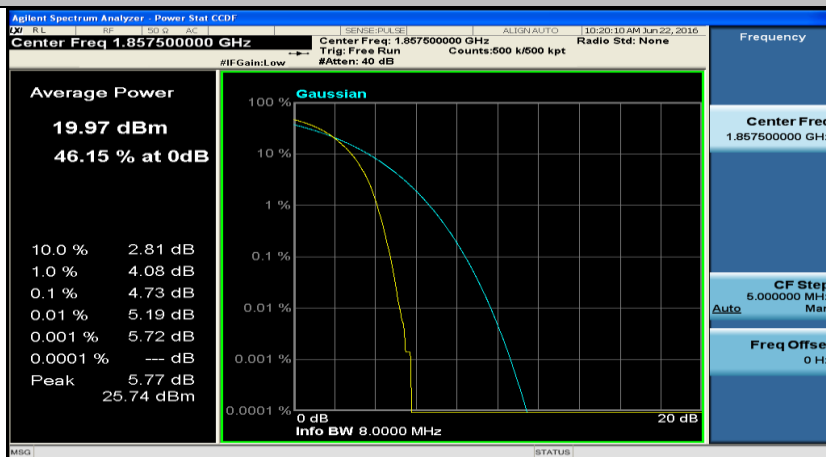
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37
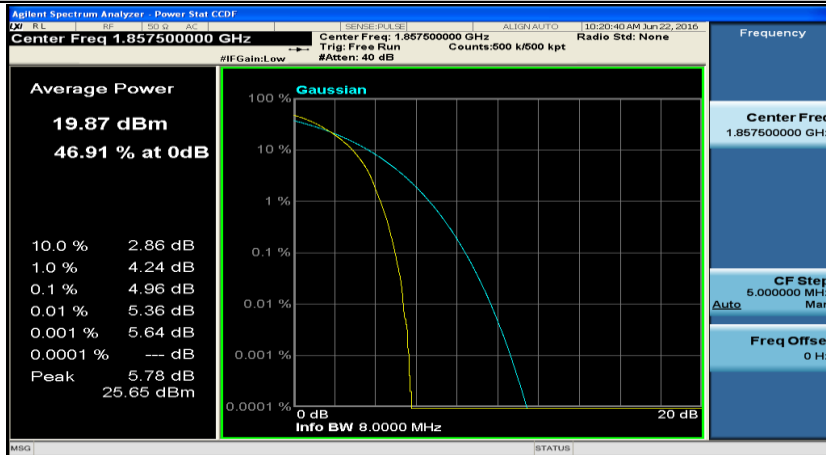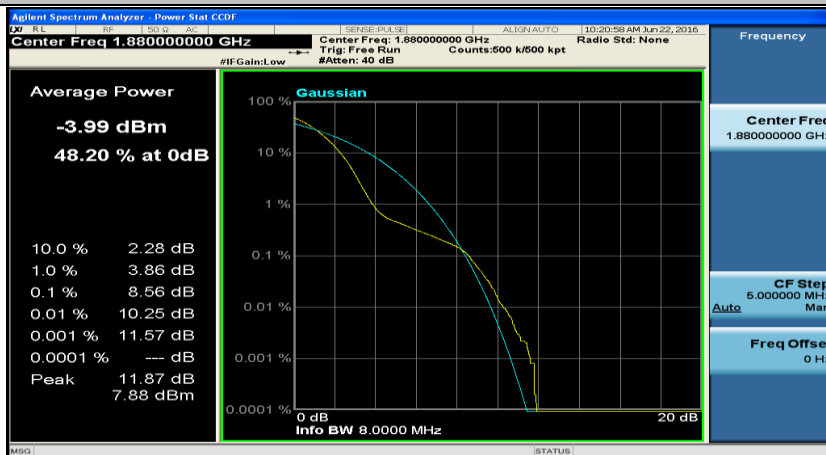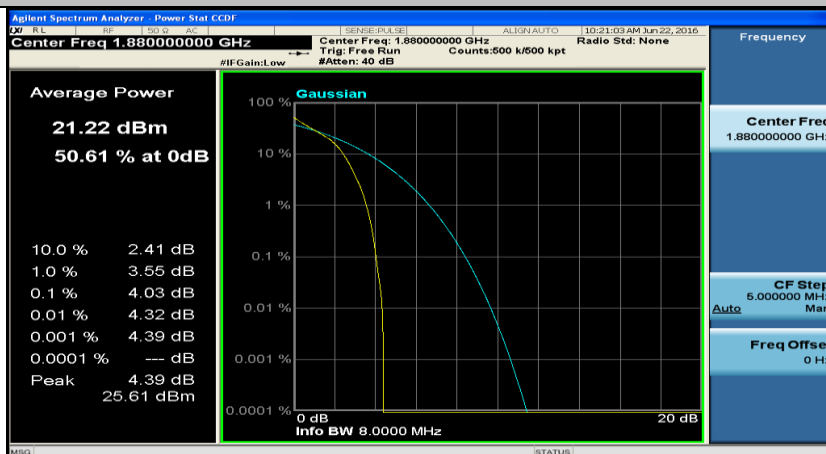
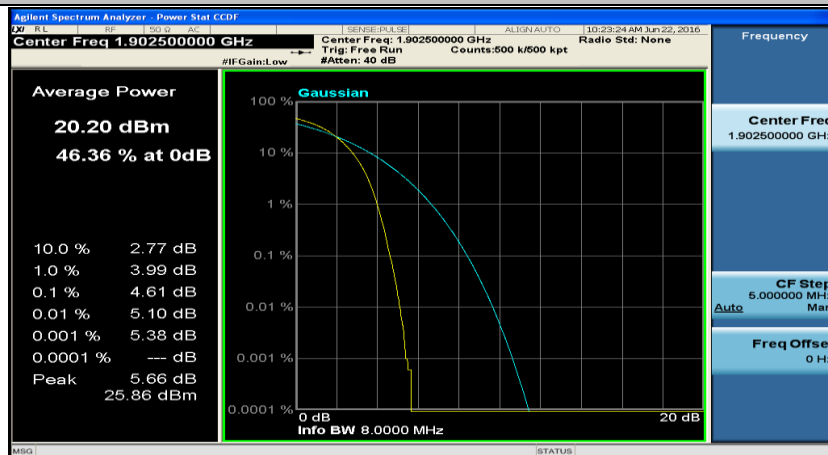| (Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74 |
|---|
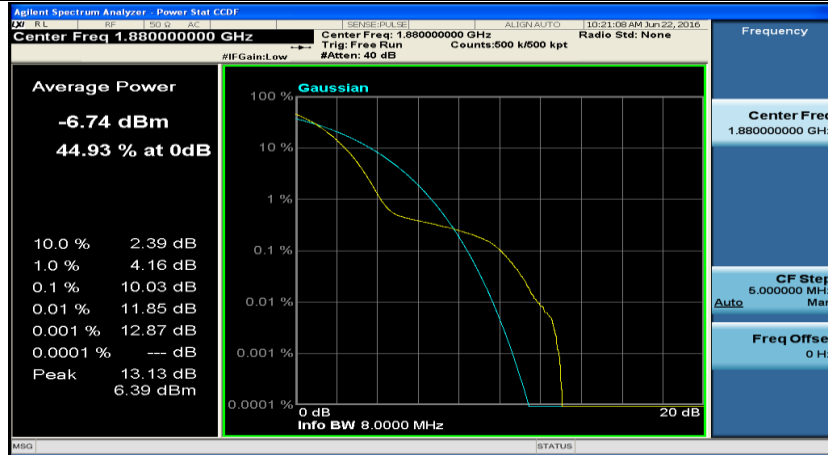
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0
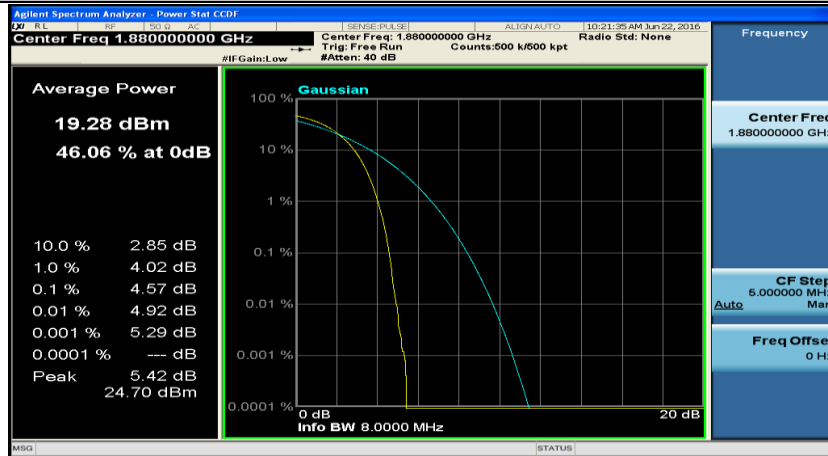
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18
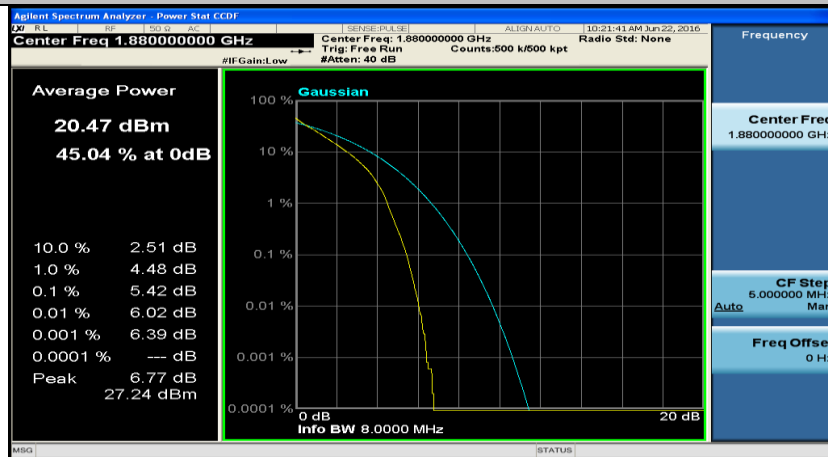
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0
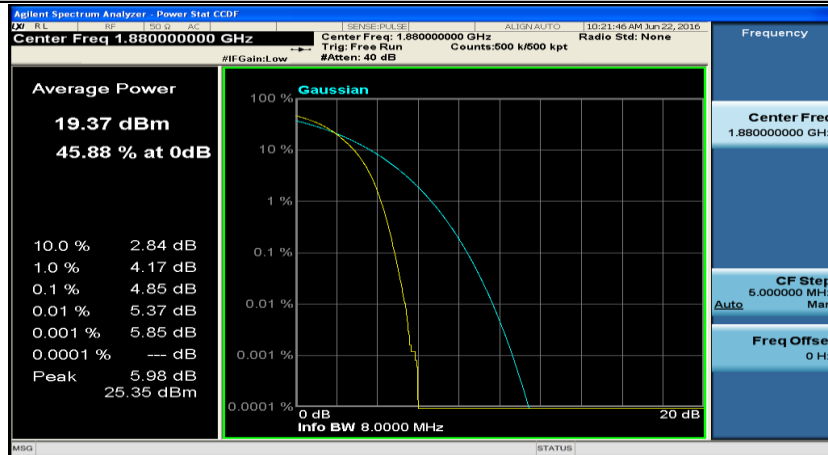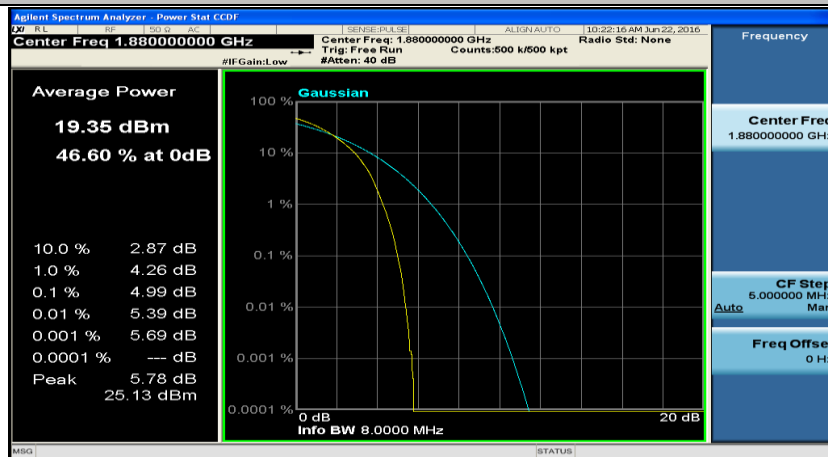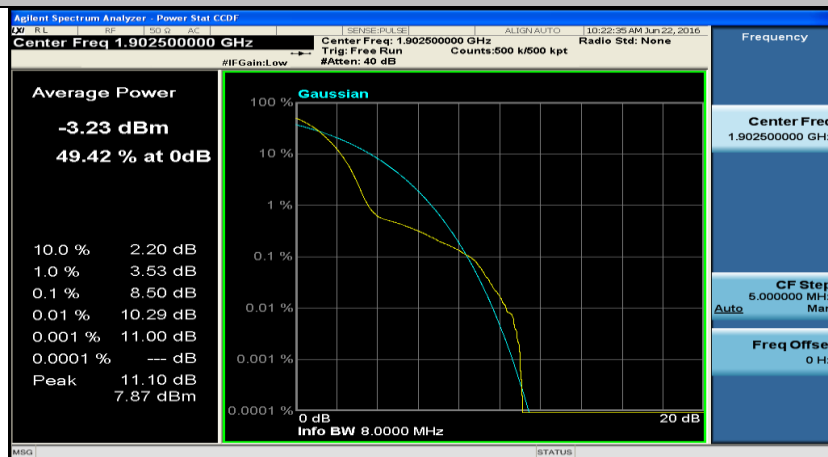
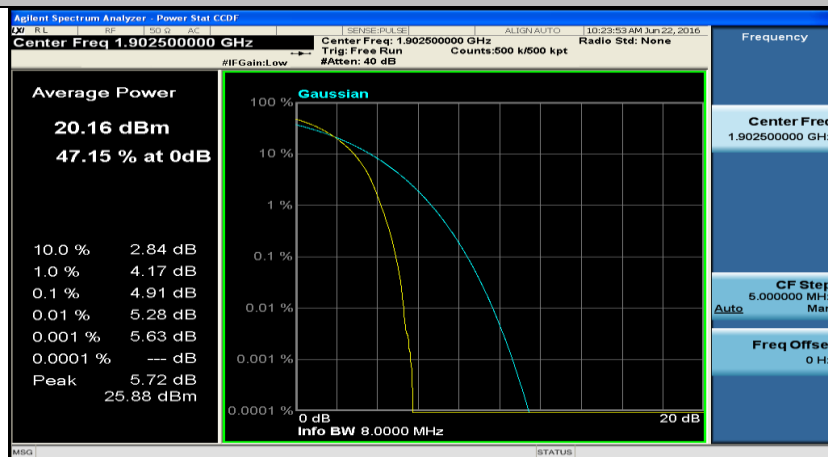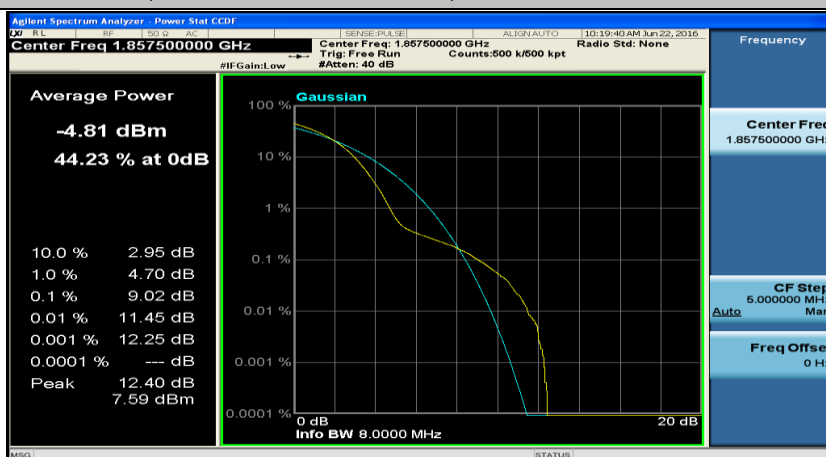| (Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37 |
|---|
| |
| (Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74 |
| |
| (Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0 |
| |

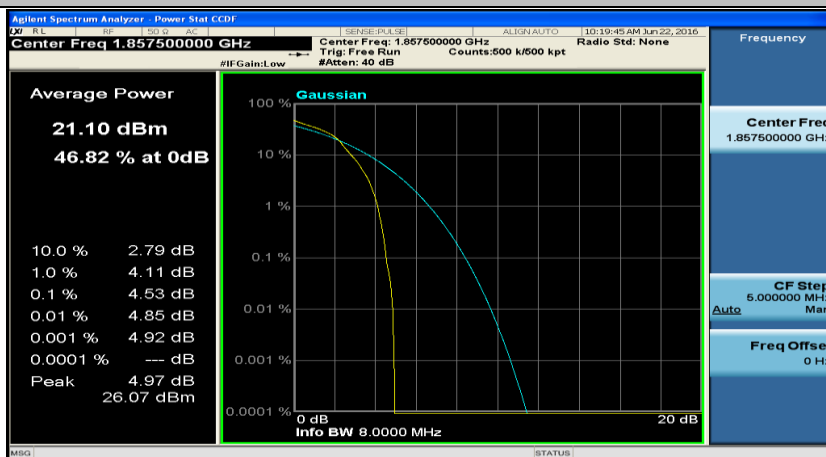| (Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18 |
|---|
| |
| (Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38 |
| |
| (Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0 |
| |
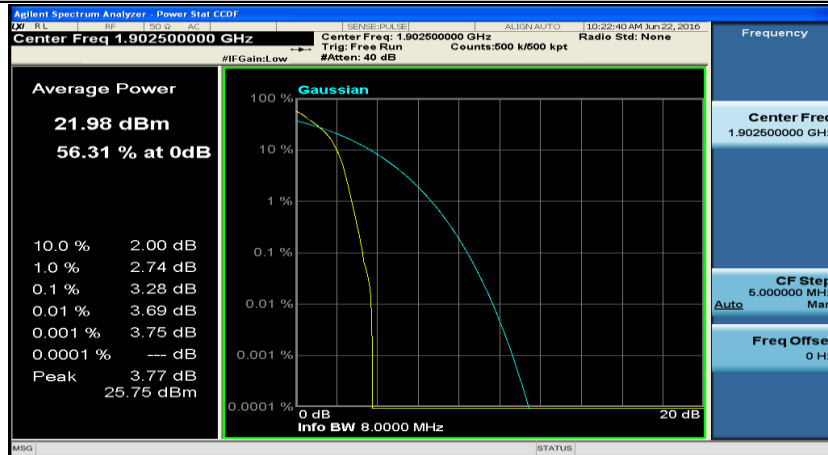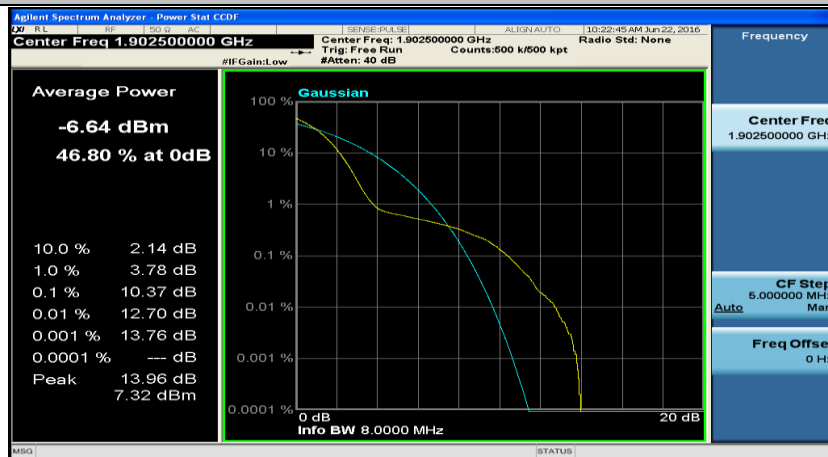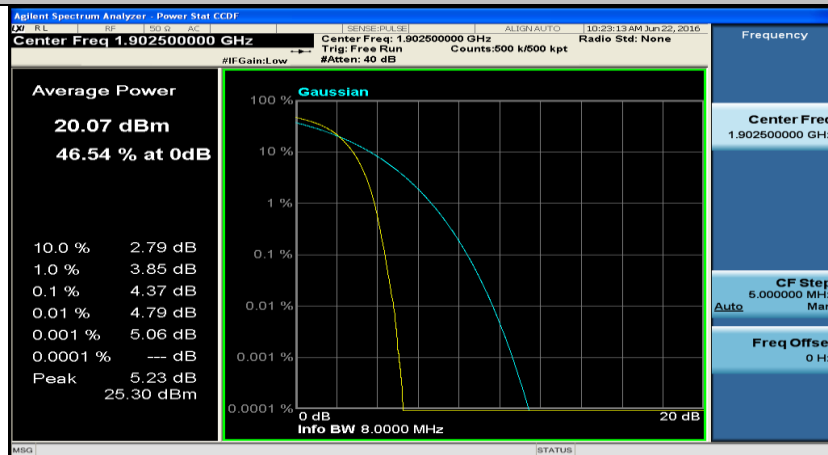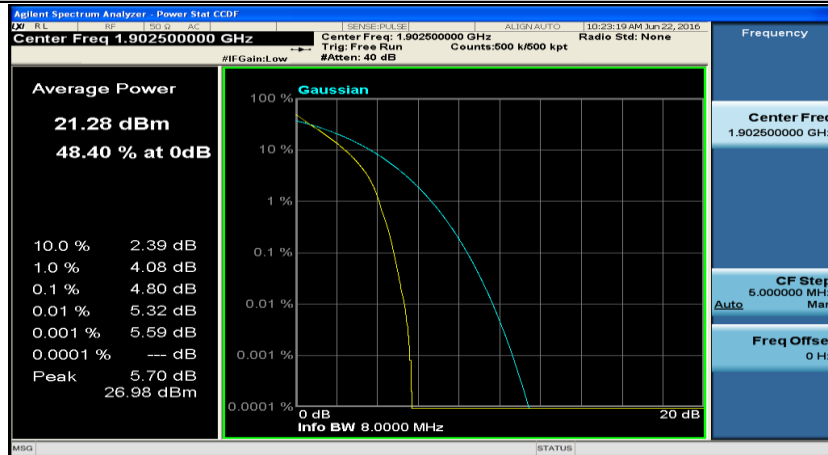
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0

(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37

(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74