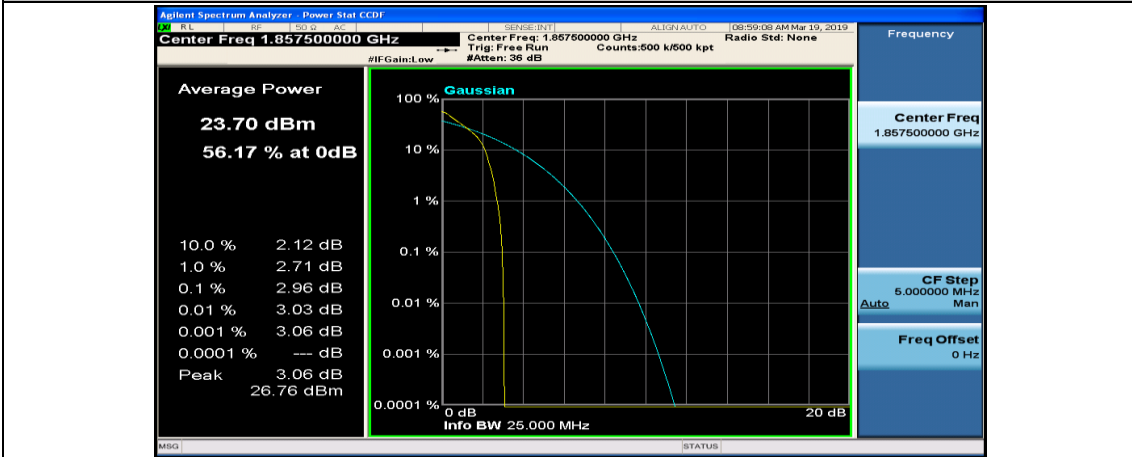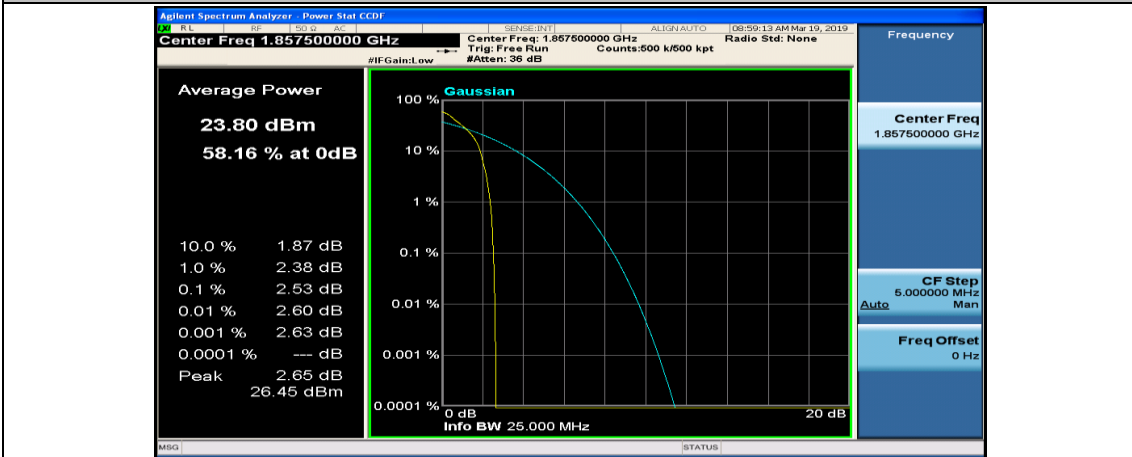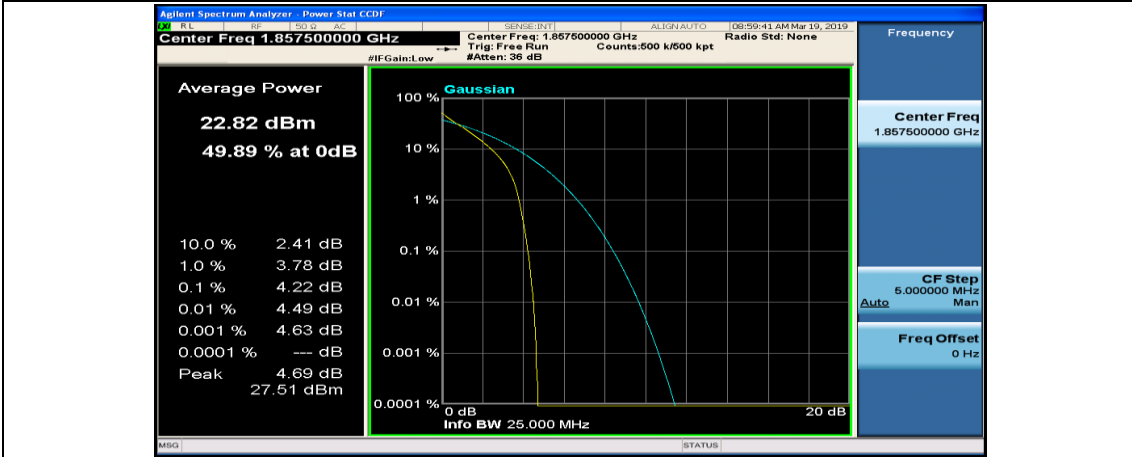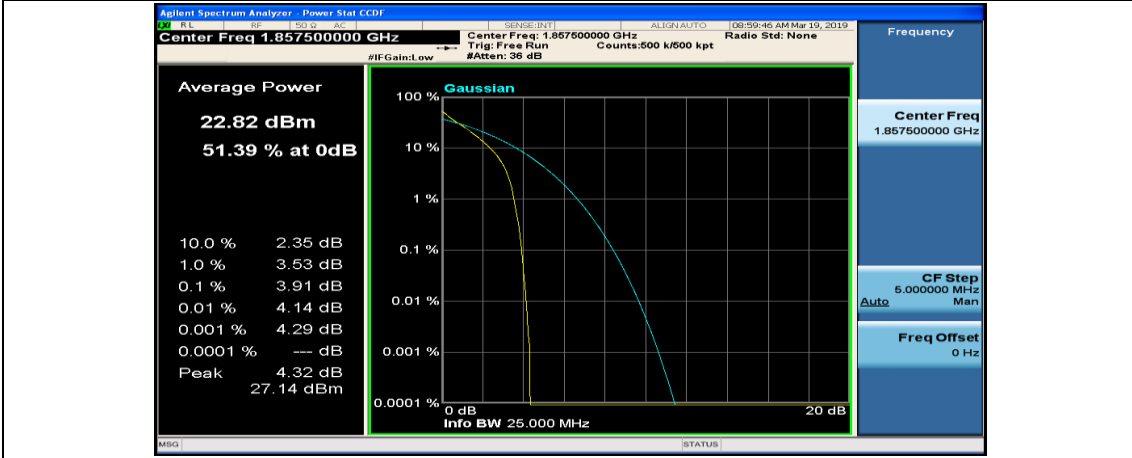(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#37



(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 |
|---|



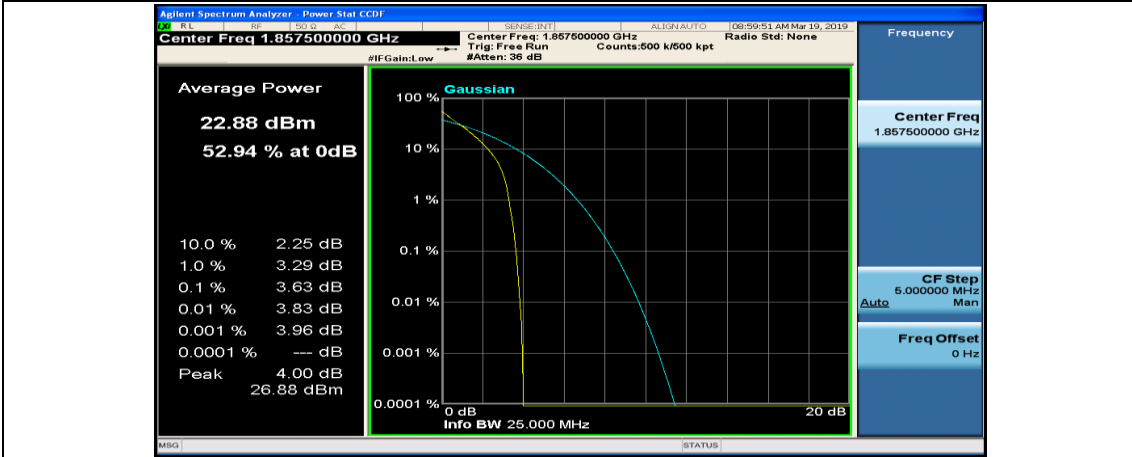| (Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74 |
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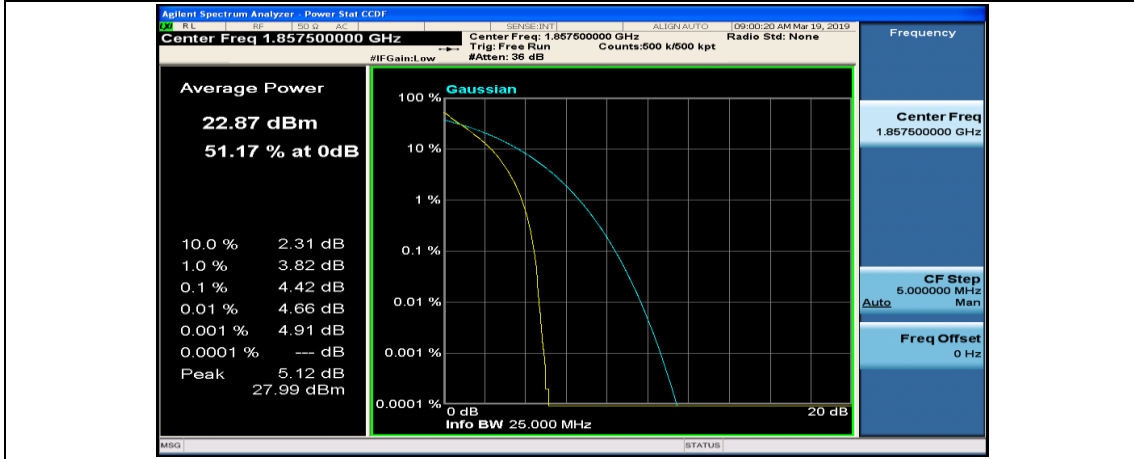(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0
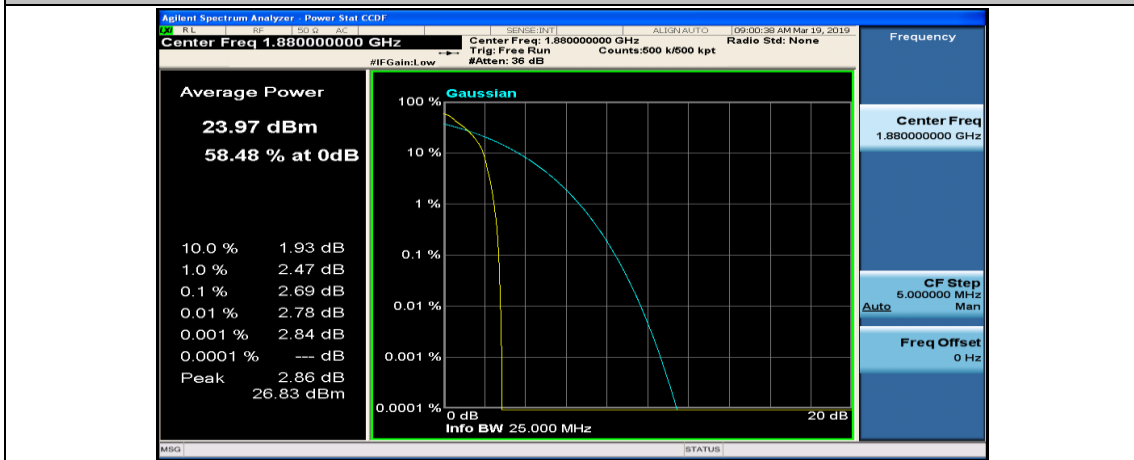


(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18



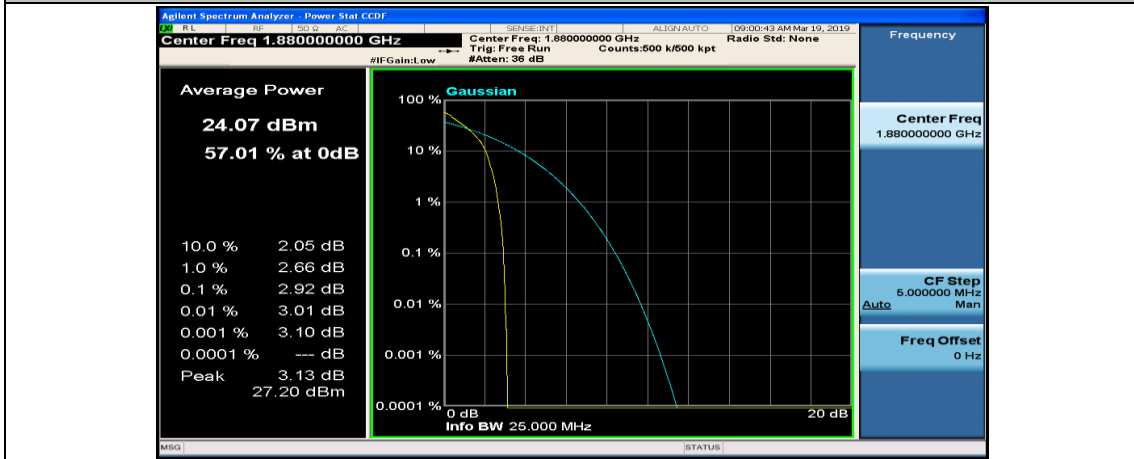(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38
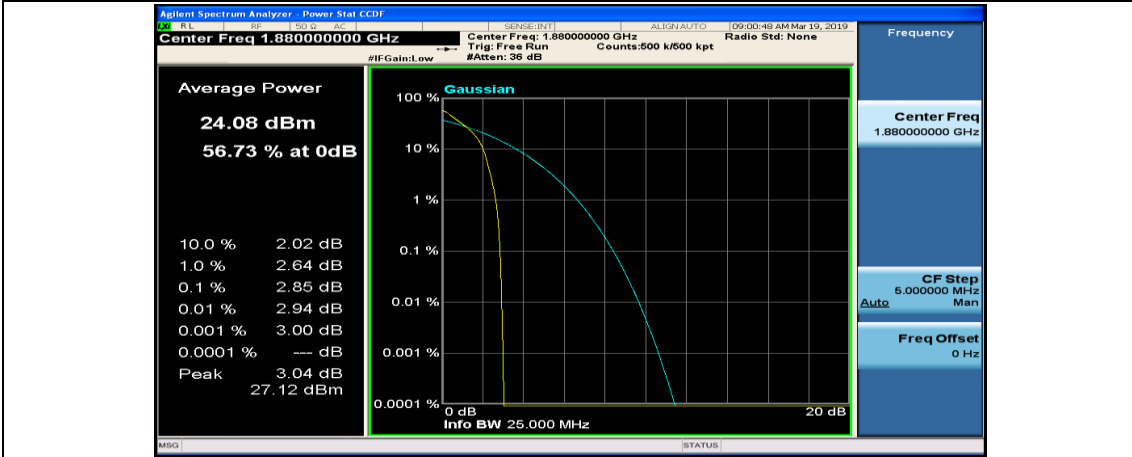
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



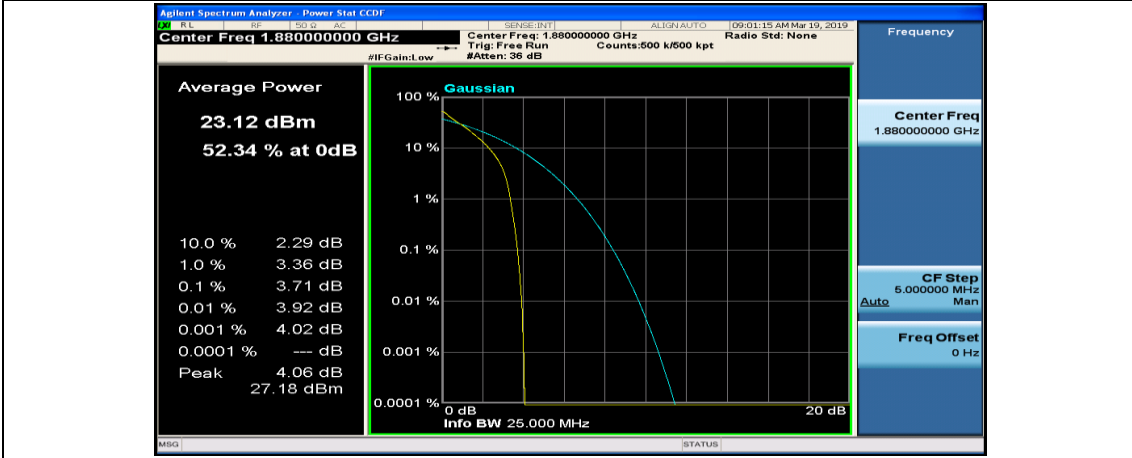(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



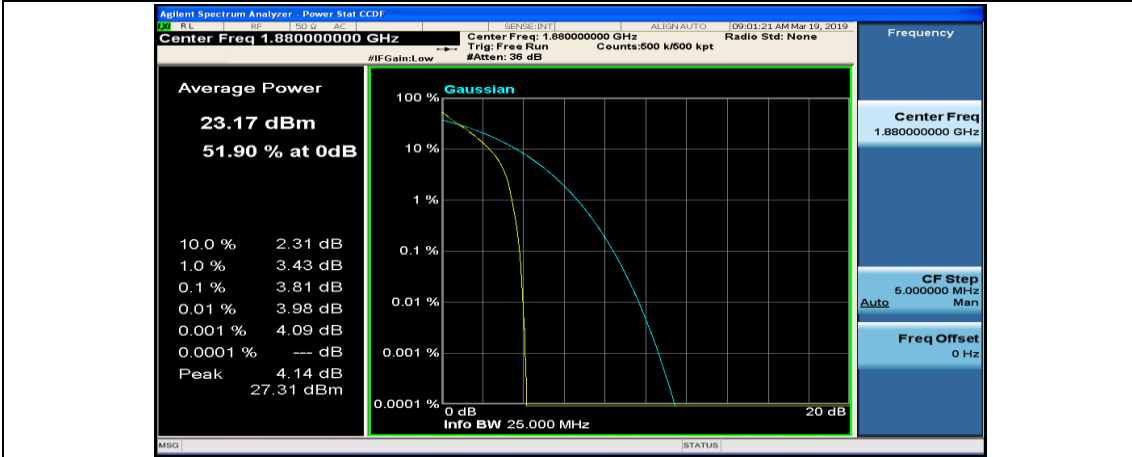(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37
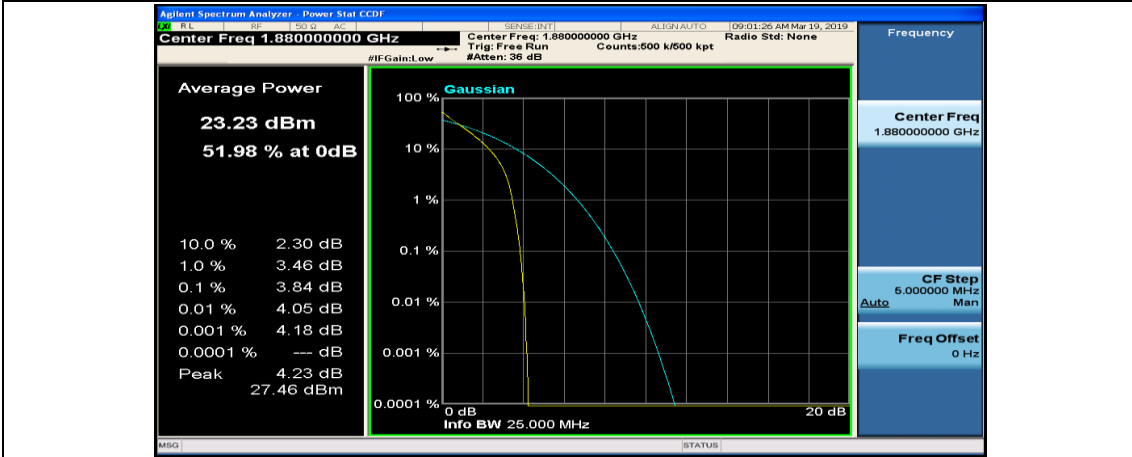
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74
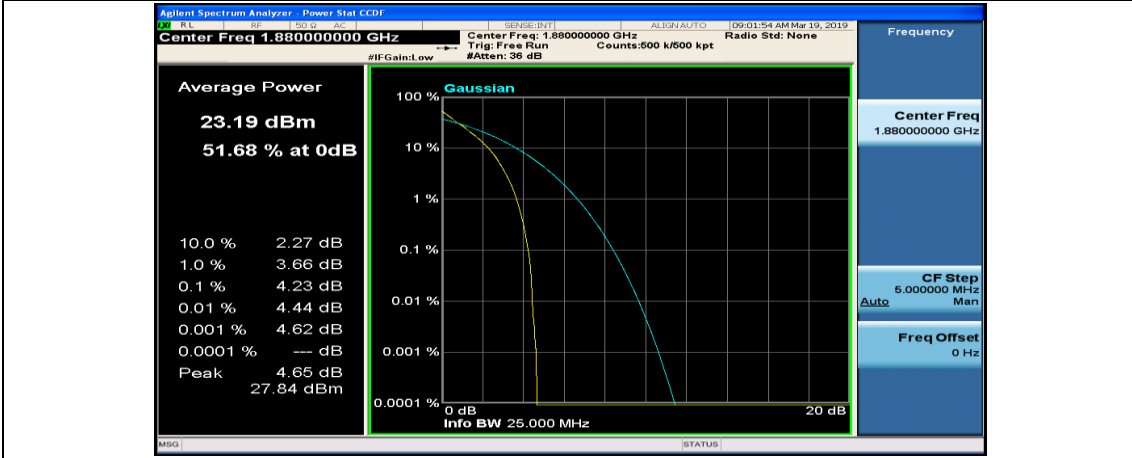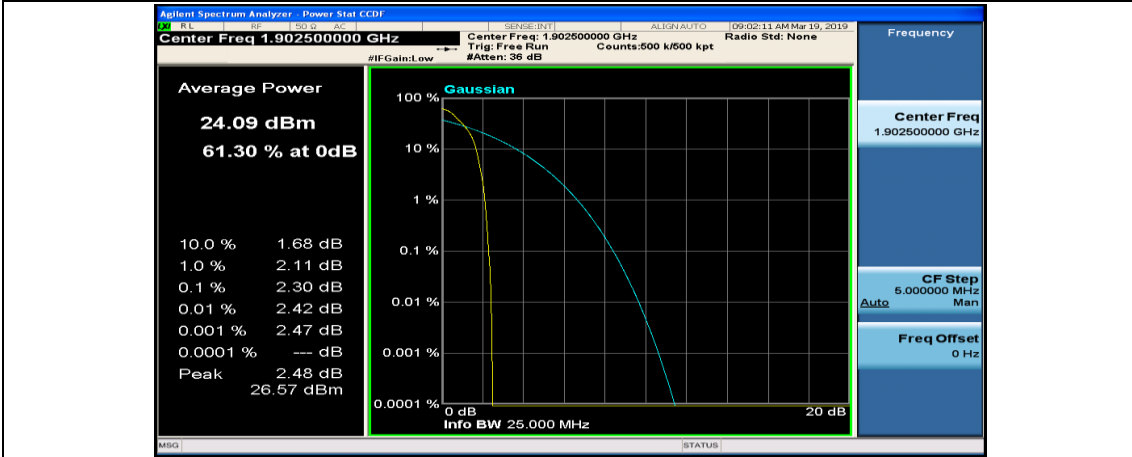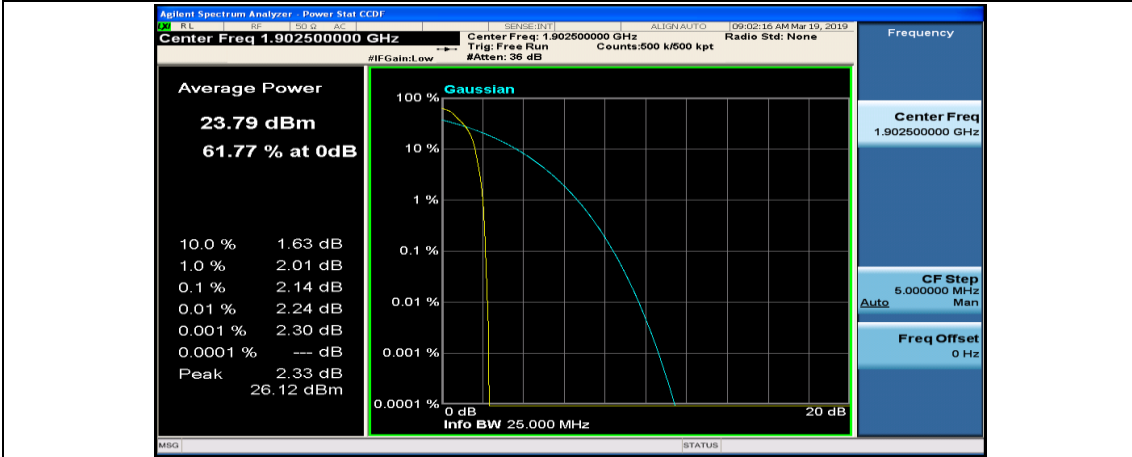


(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18

(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38
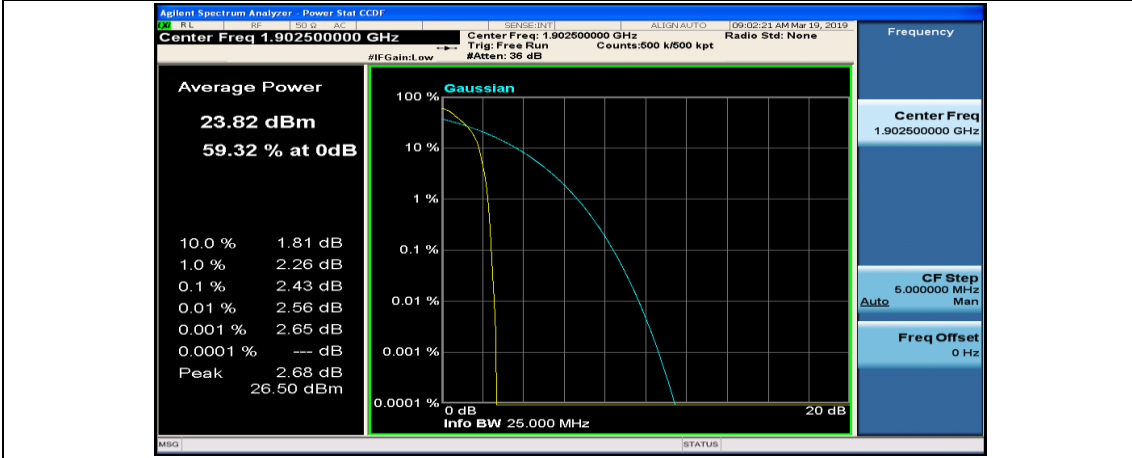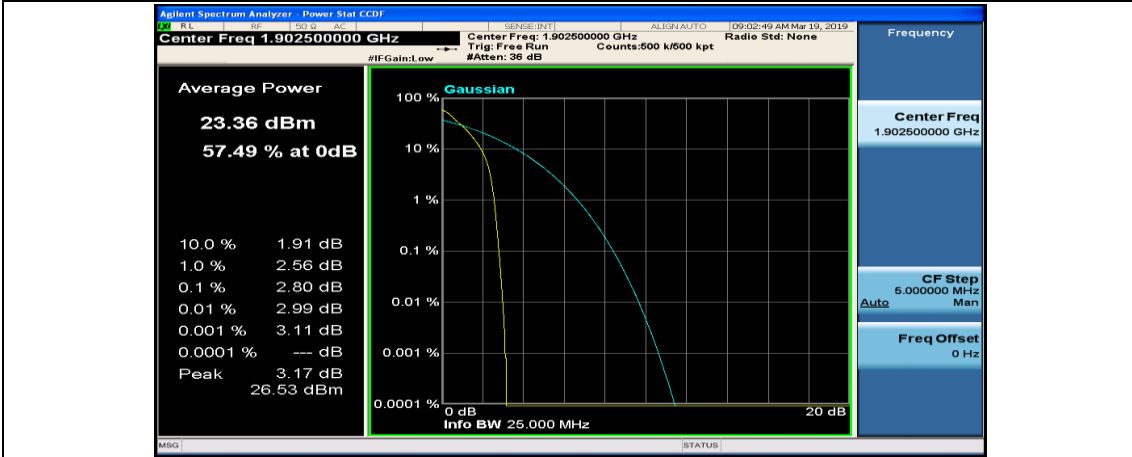


(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



(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



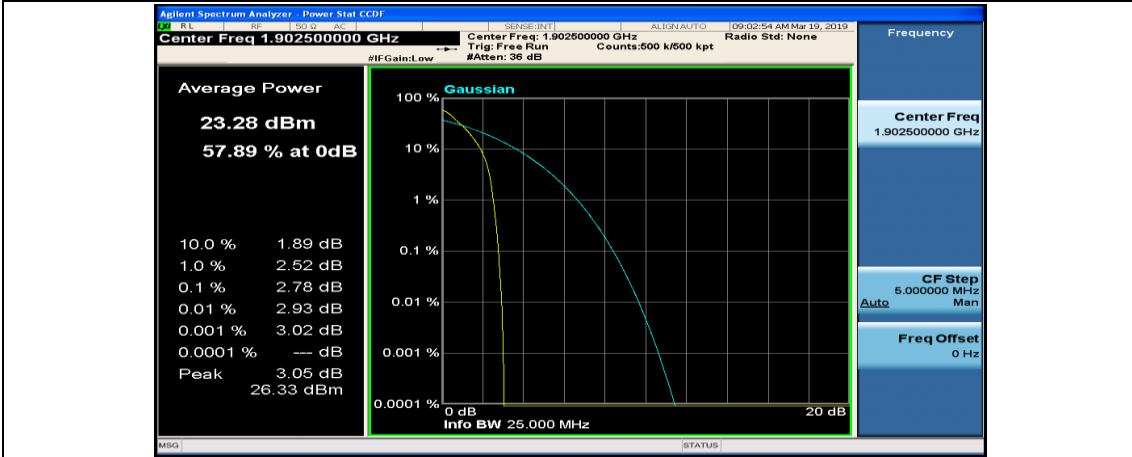(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37



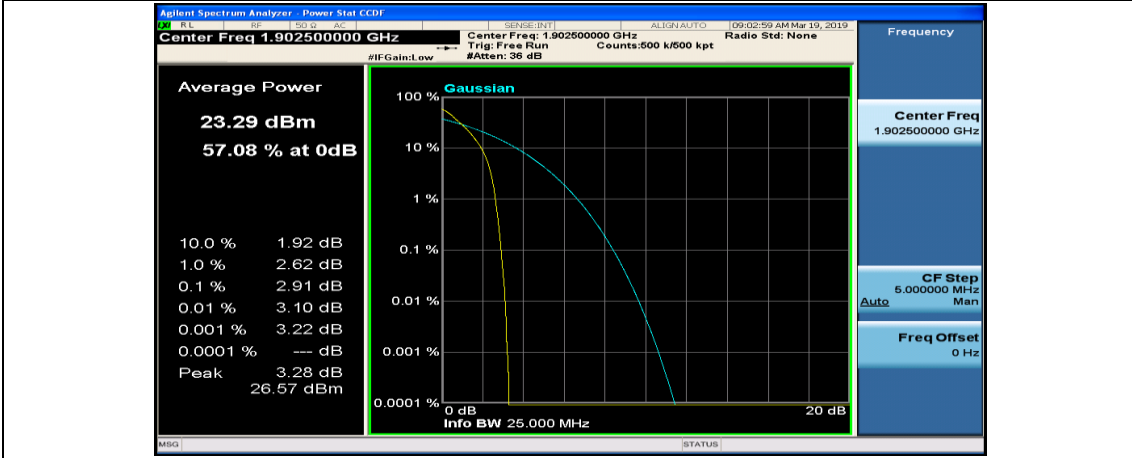(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74

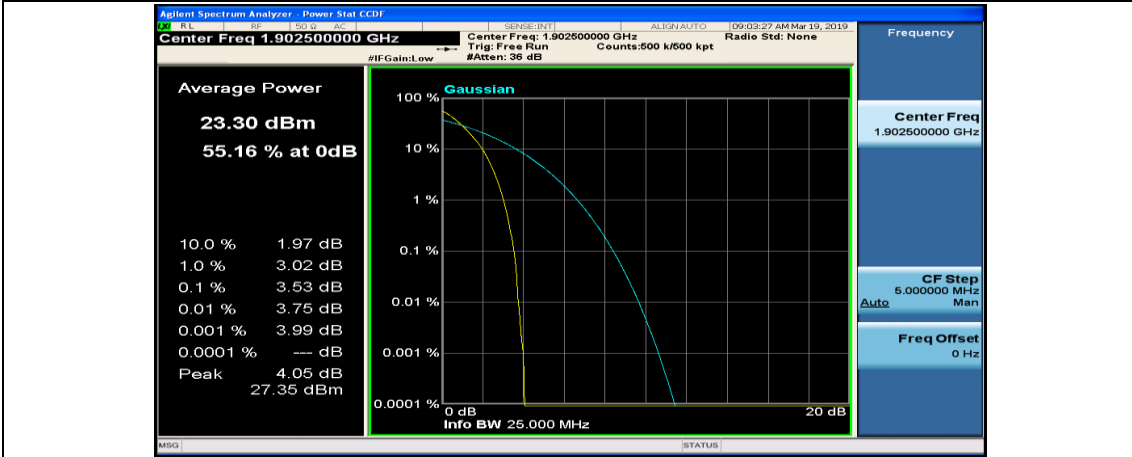(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0
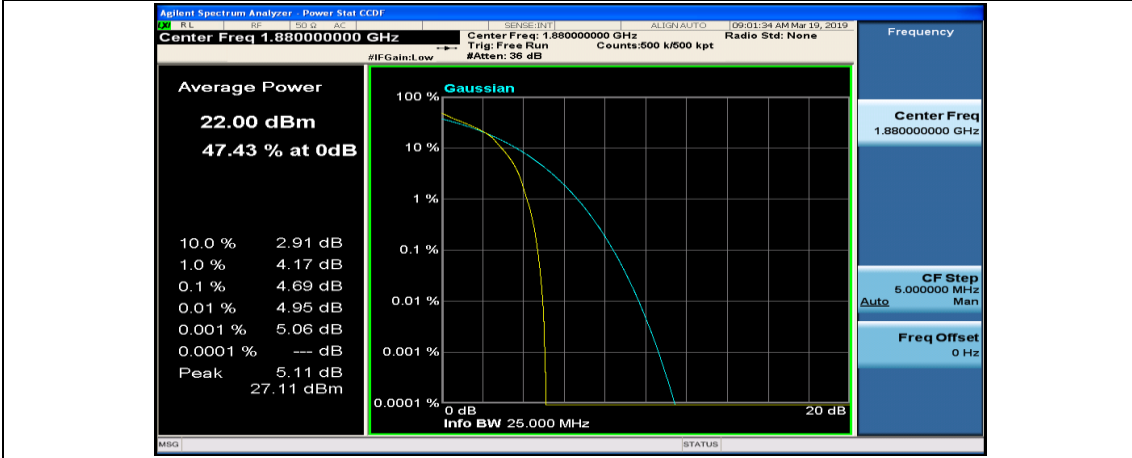


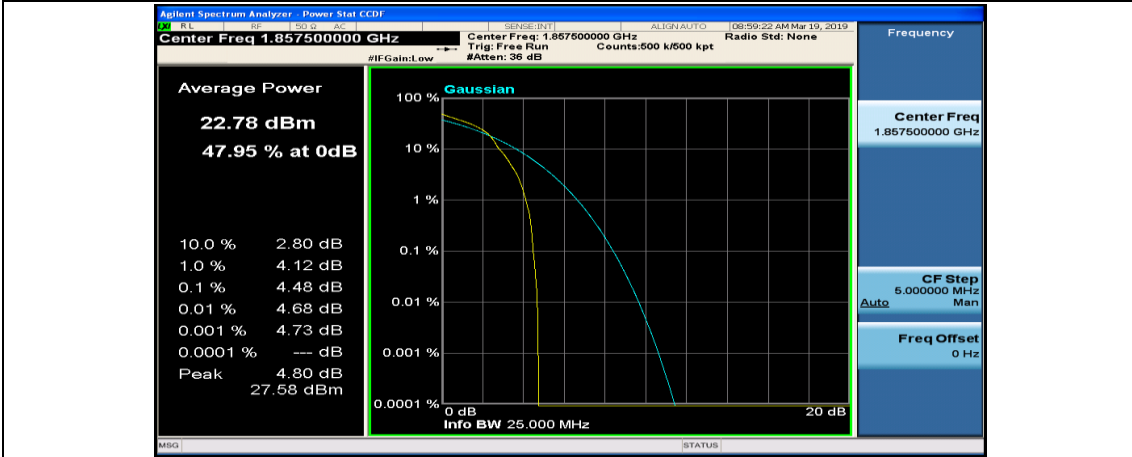(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18
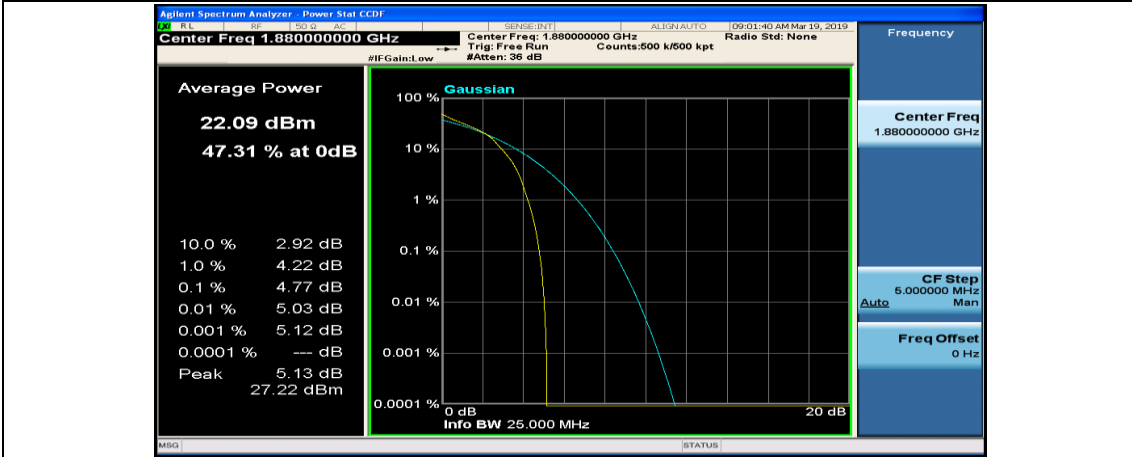


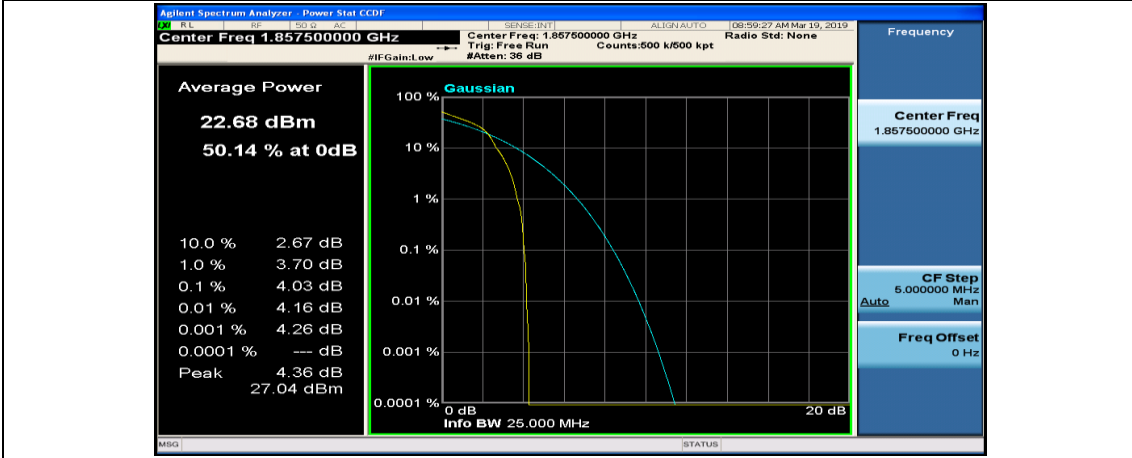(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38
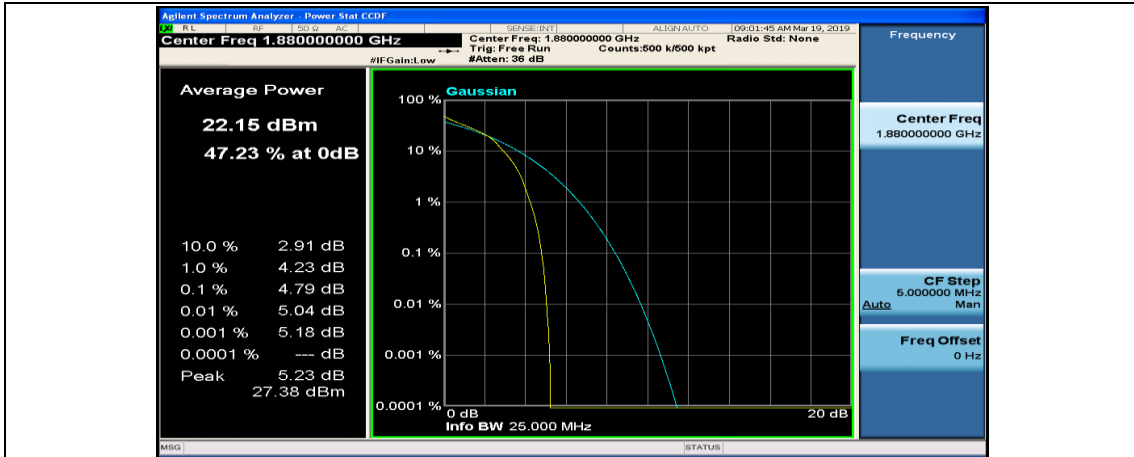
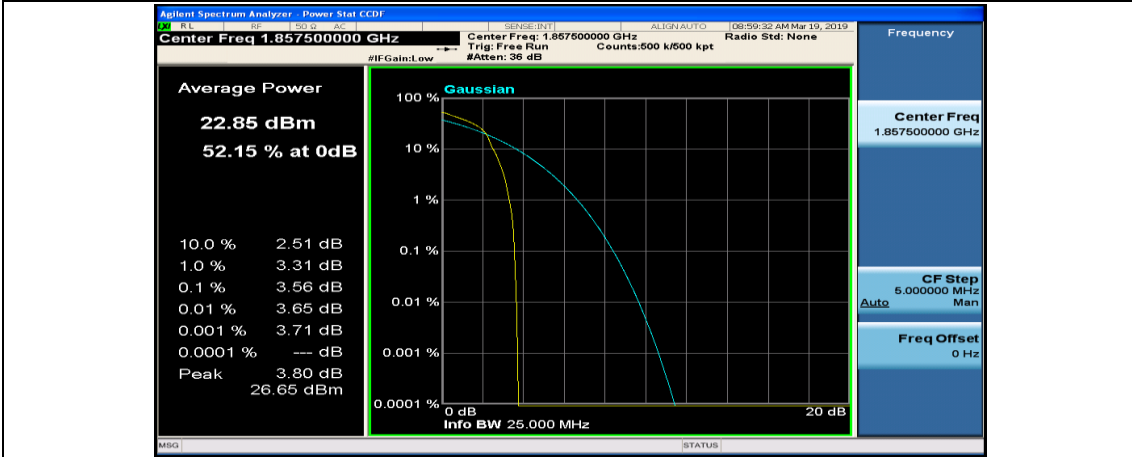(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0
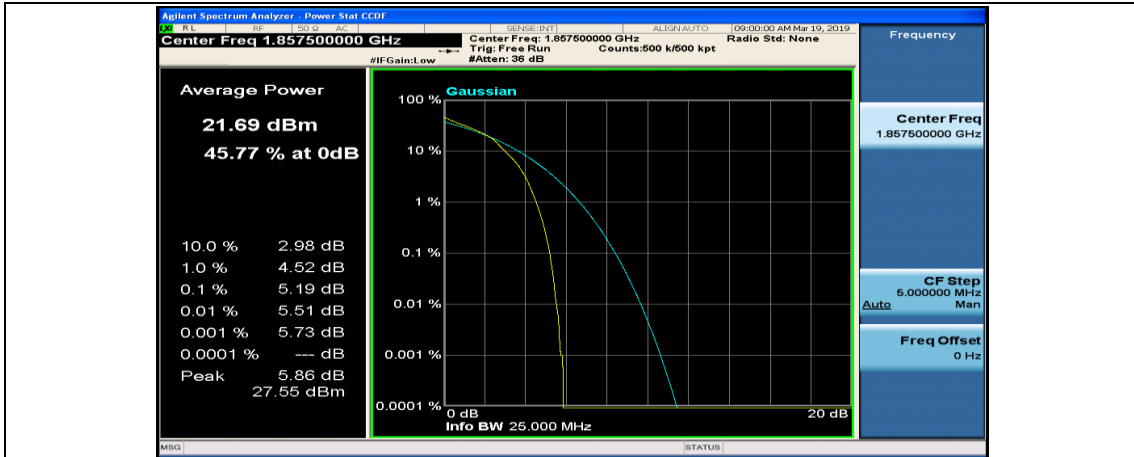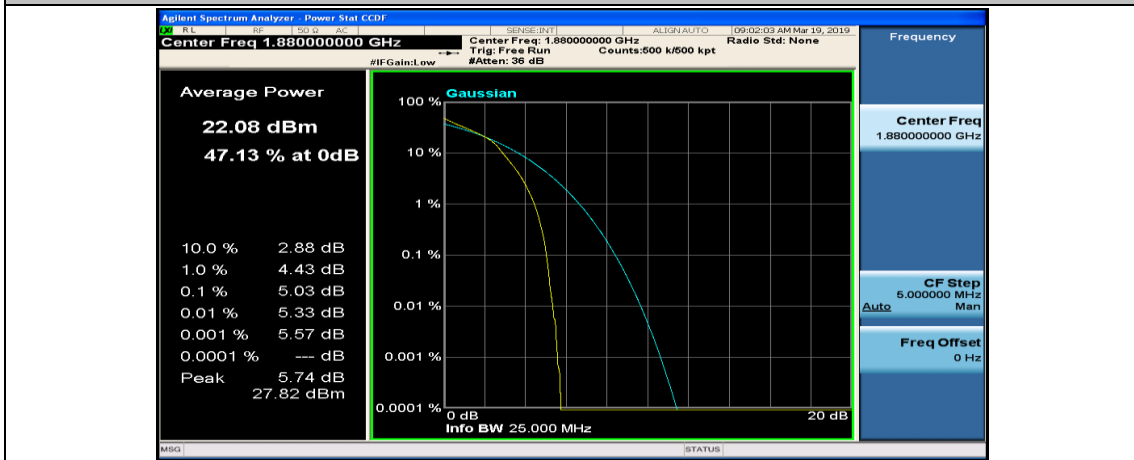


(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0
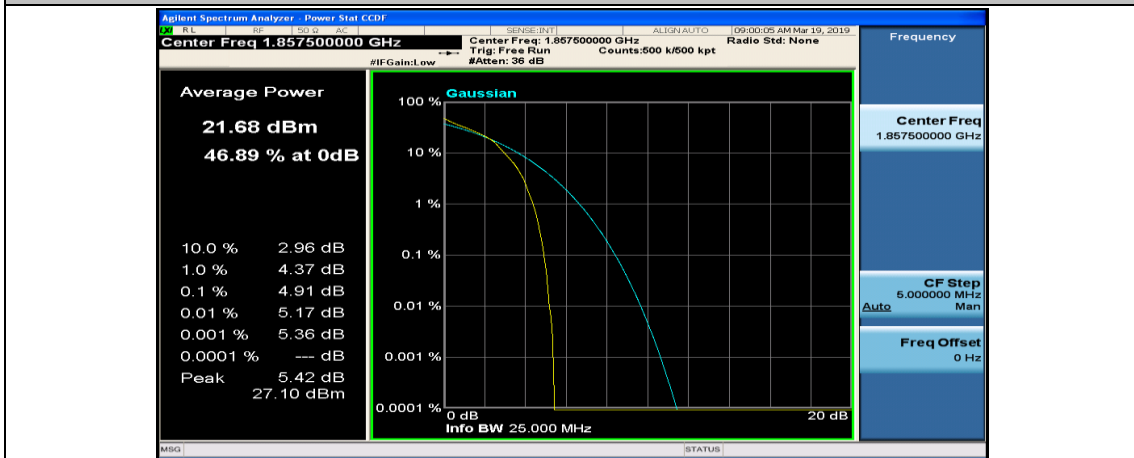


(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37

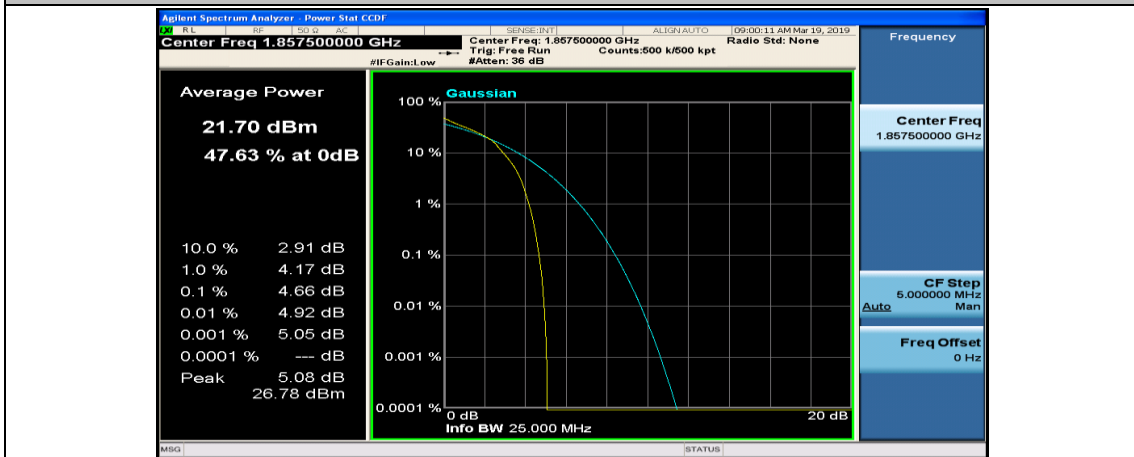(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74



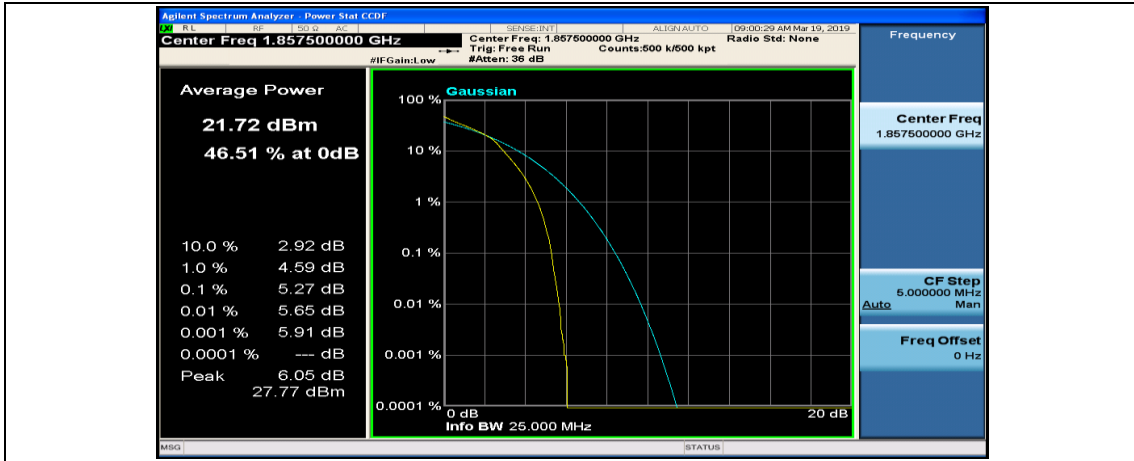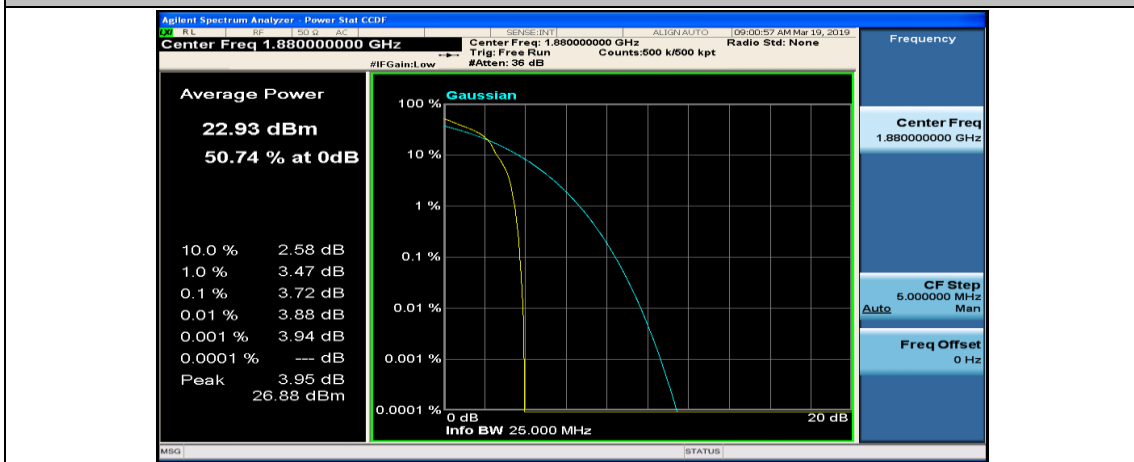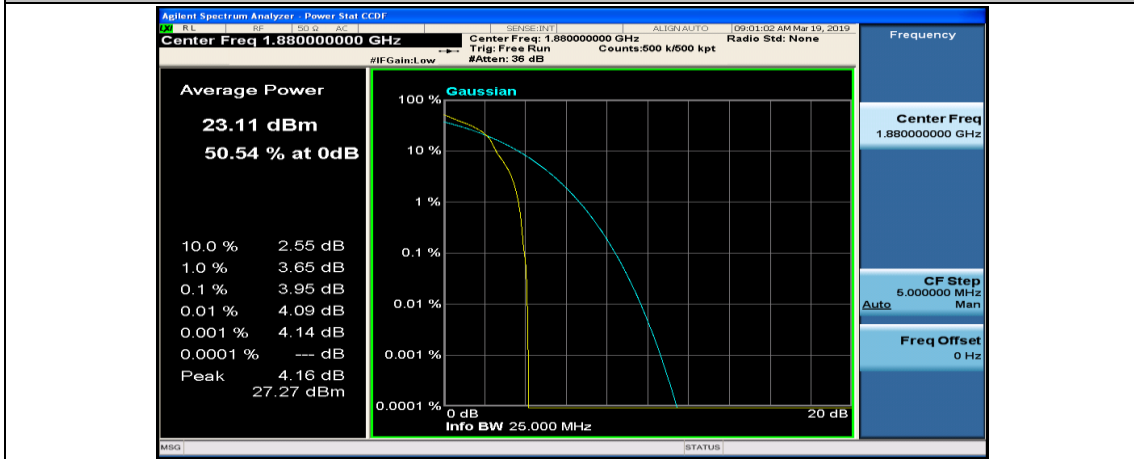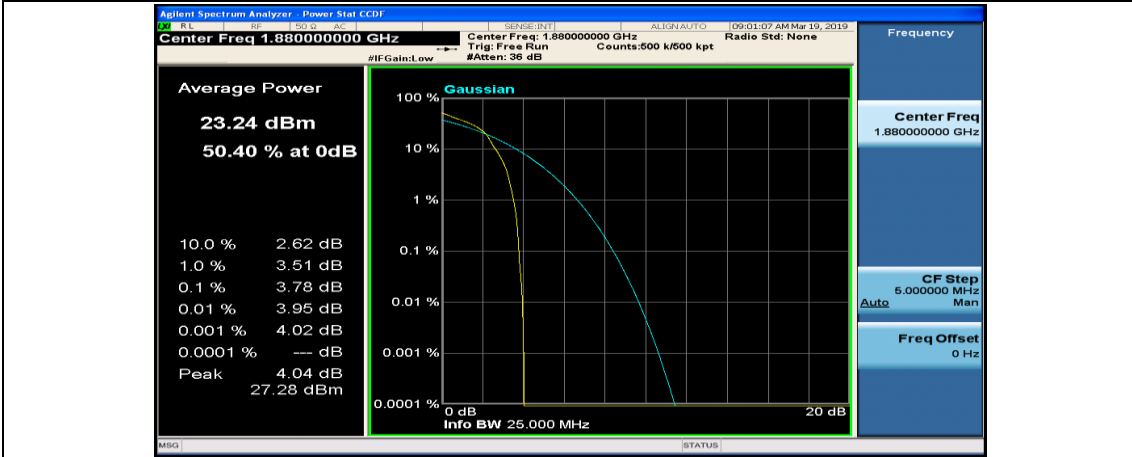(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0



(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

| (Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0 |
|---|



| (Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49 |
|---|



| (Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99 |
|---|

(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#0



(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#25
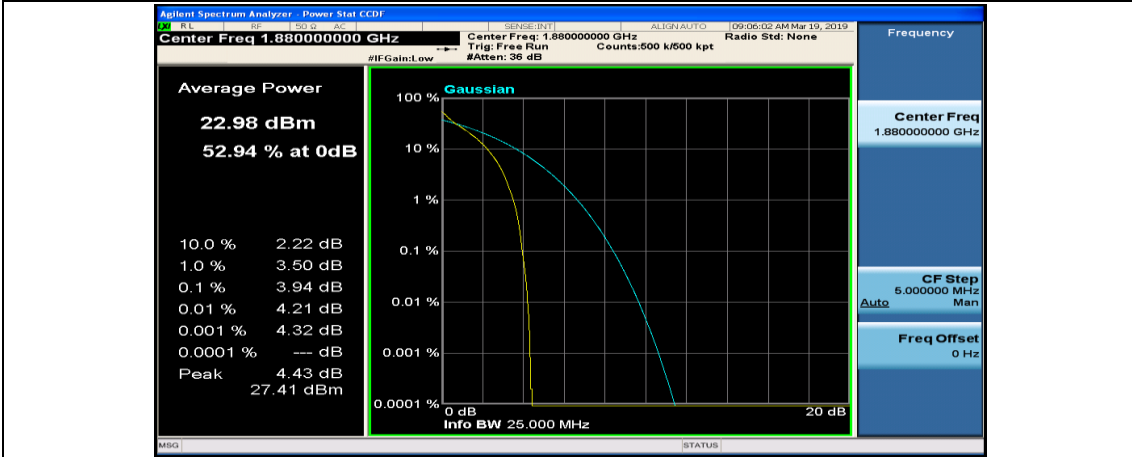


(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#50

| (Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0 |
| --- |



| (Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0 |
| --- |



| (Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49 |
| --- |

(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99



(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#0



(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#25

| (Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50 |
| --- |



| (Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0 |
| --- |



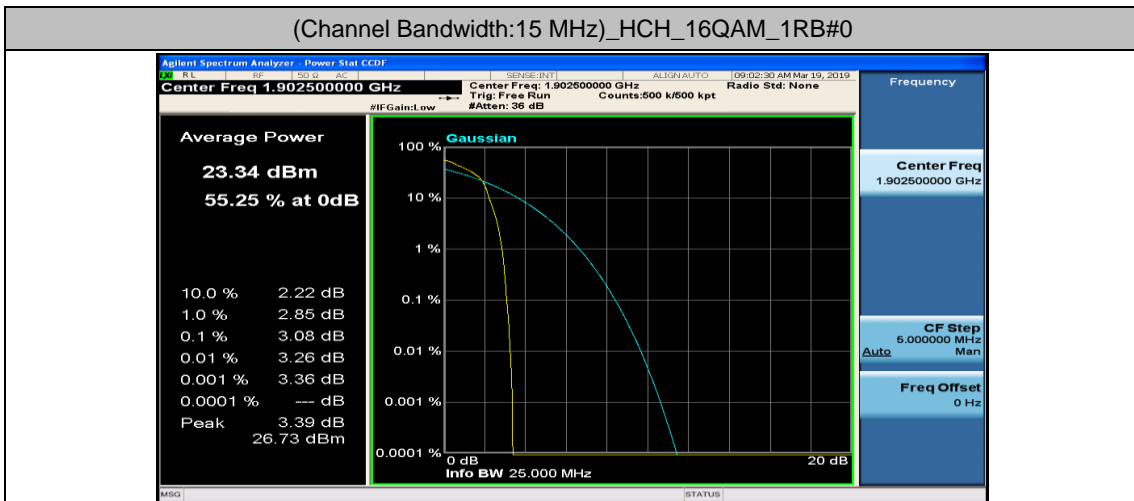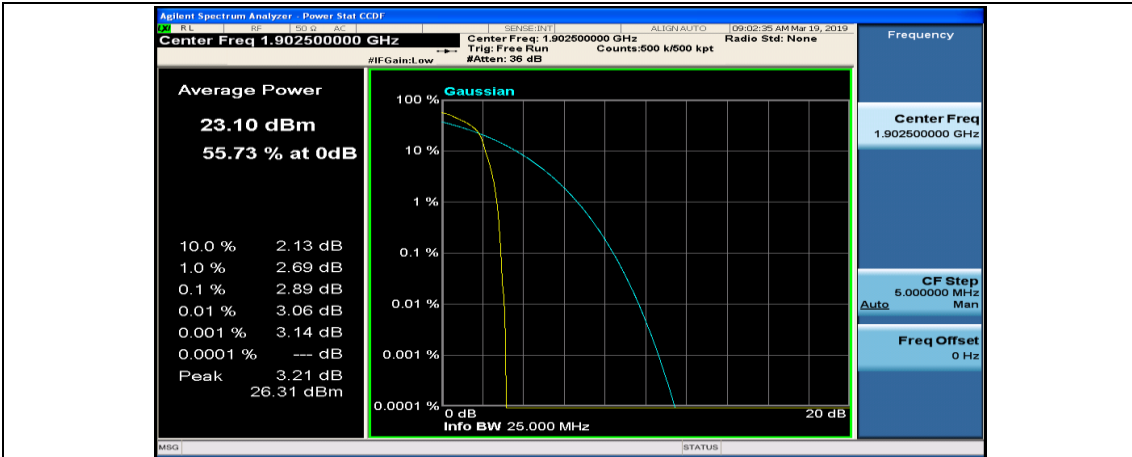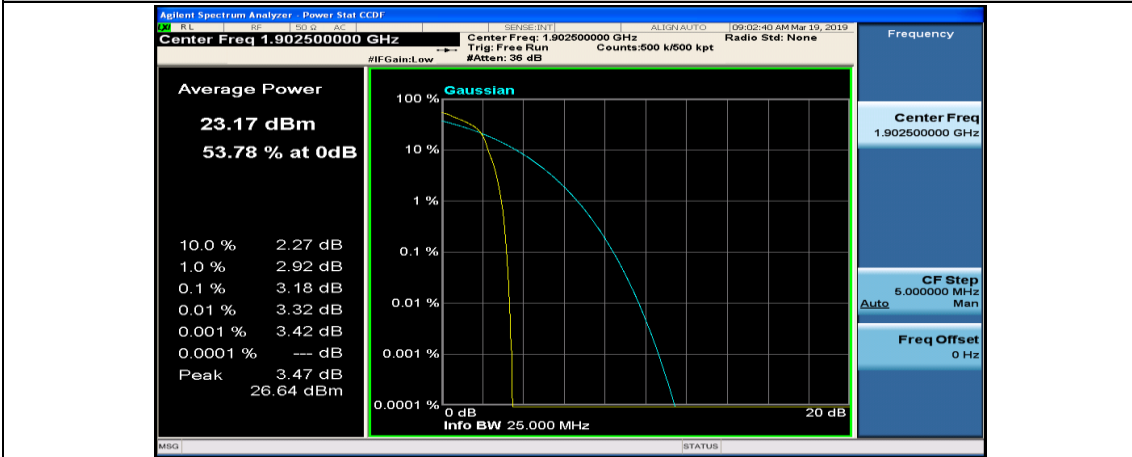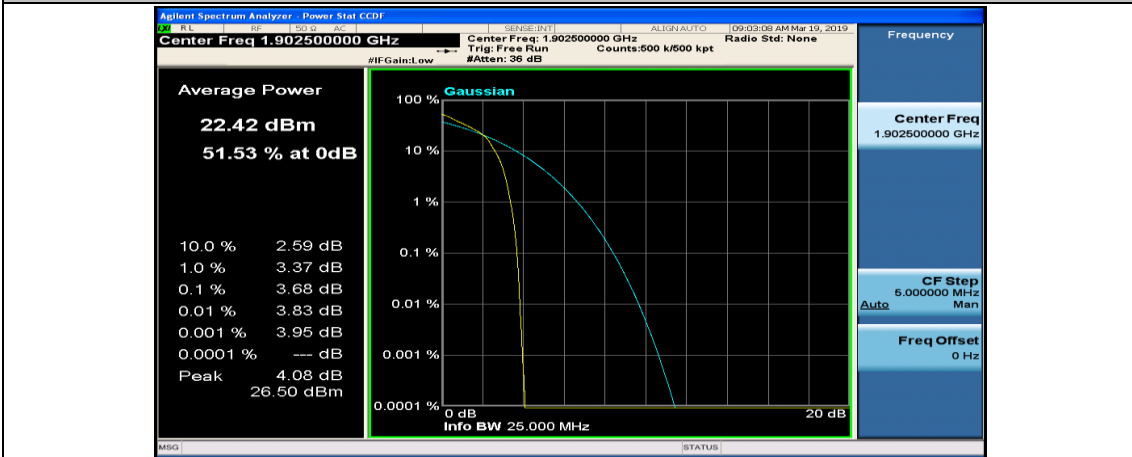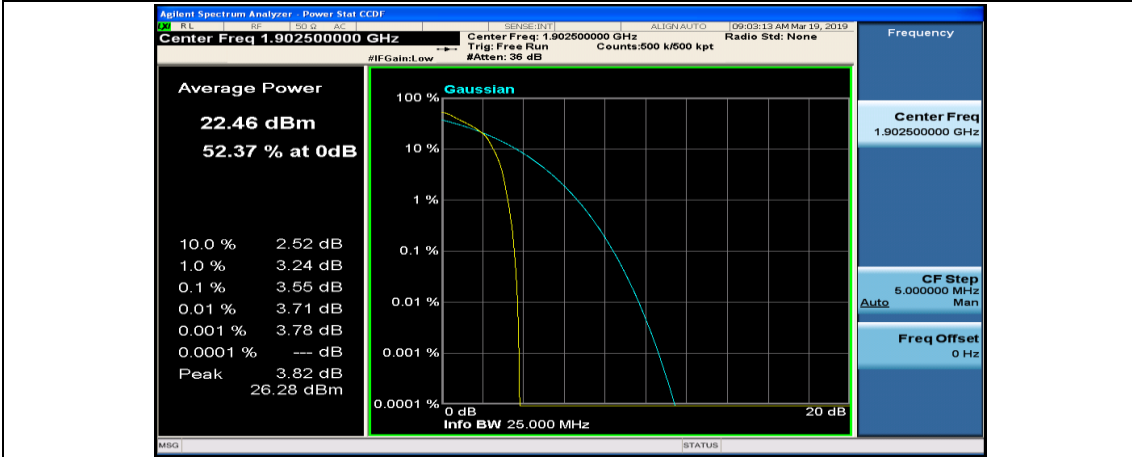| (Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0 |
| --- |

(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49



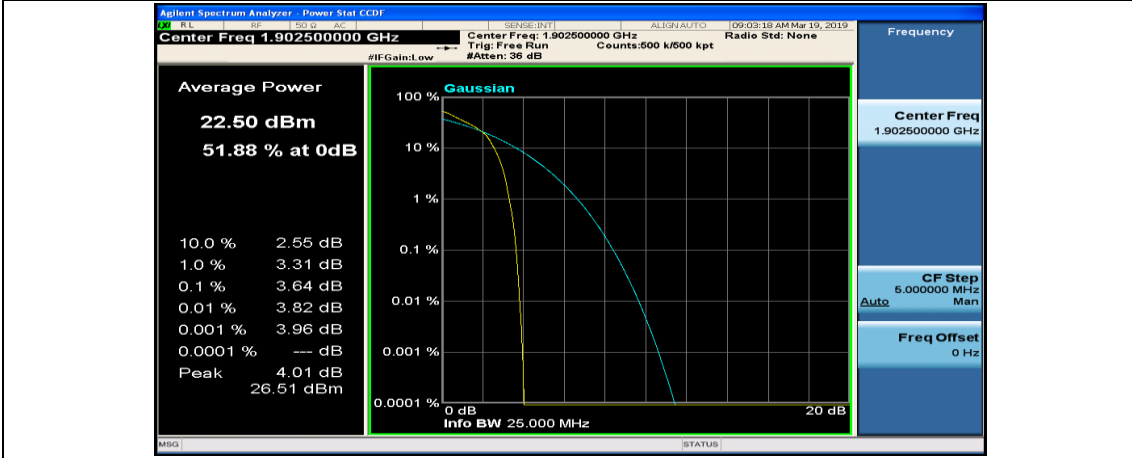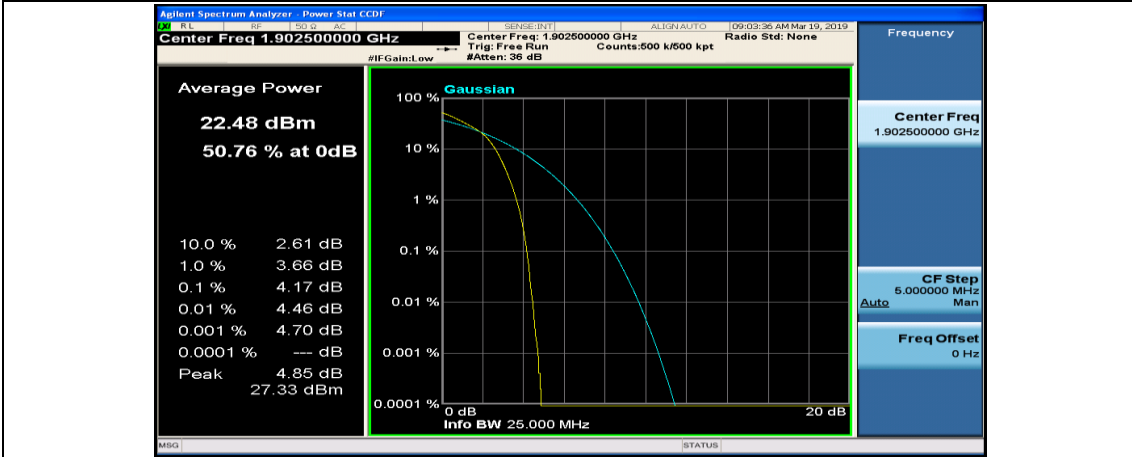(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99



(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#0
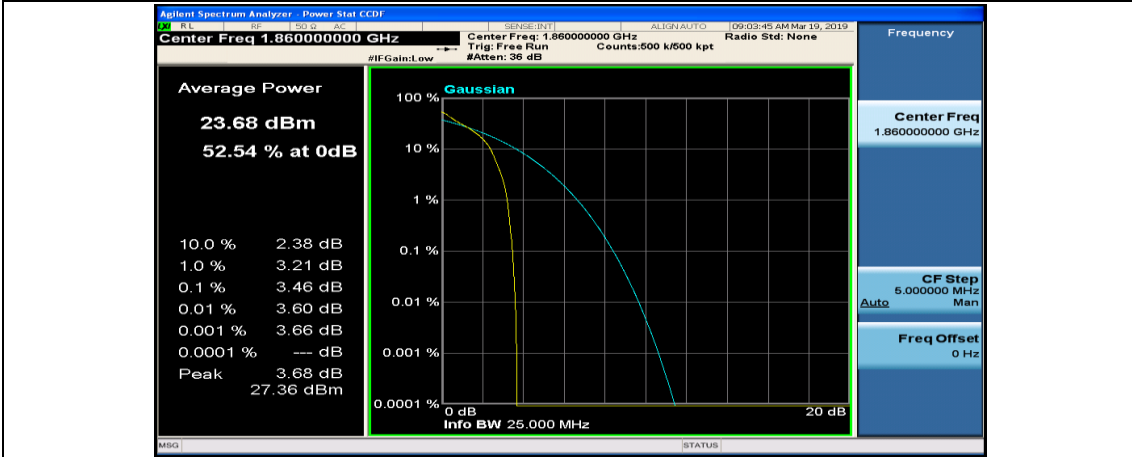
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#25
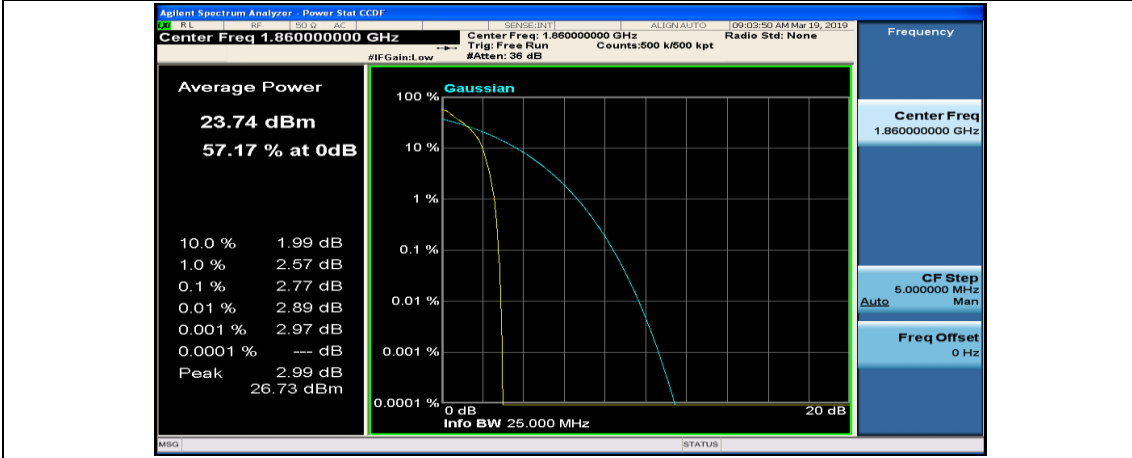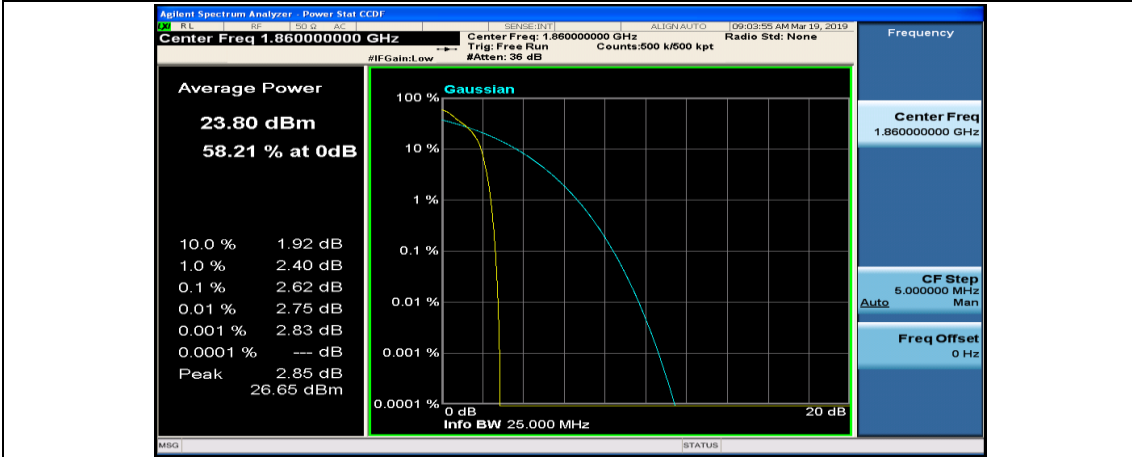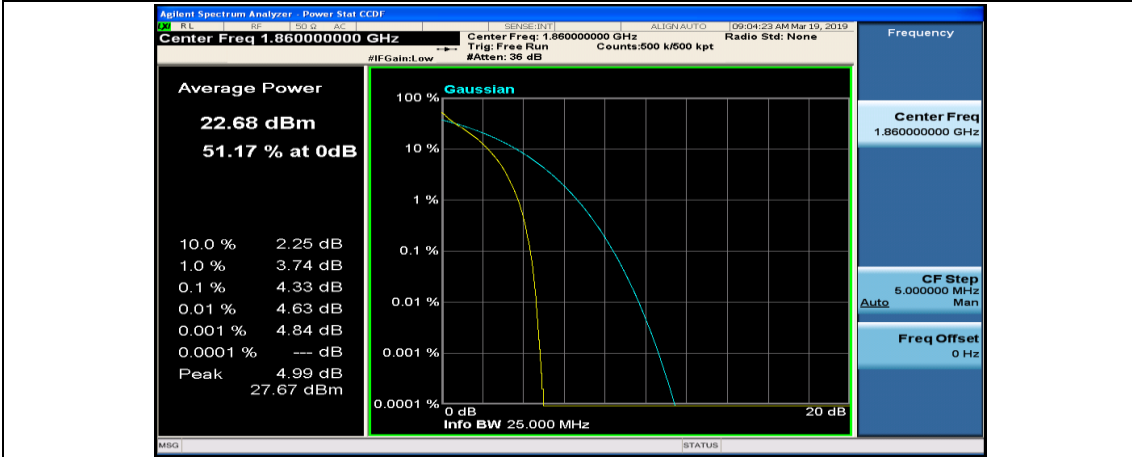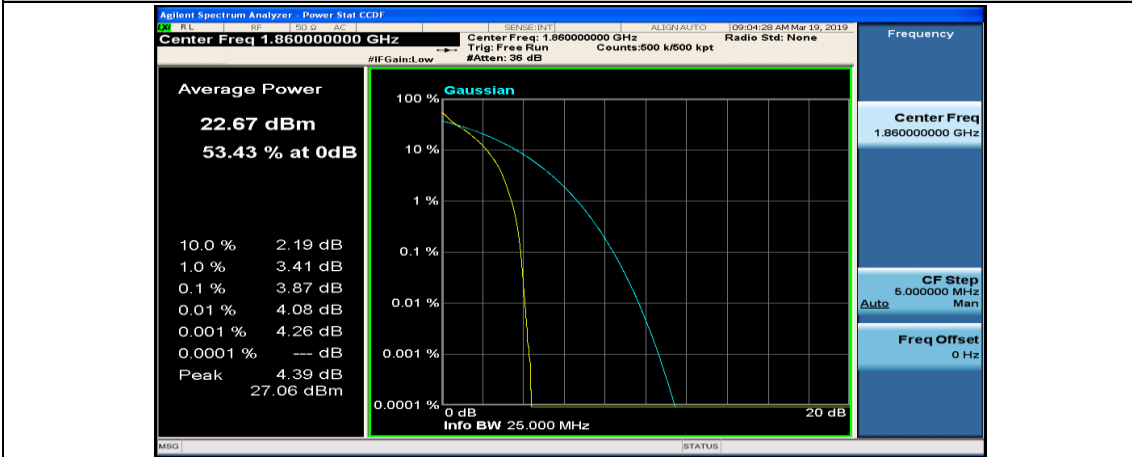


(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#50



(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0

| (Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0 |
| --- |



| (Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49 |
| --- |



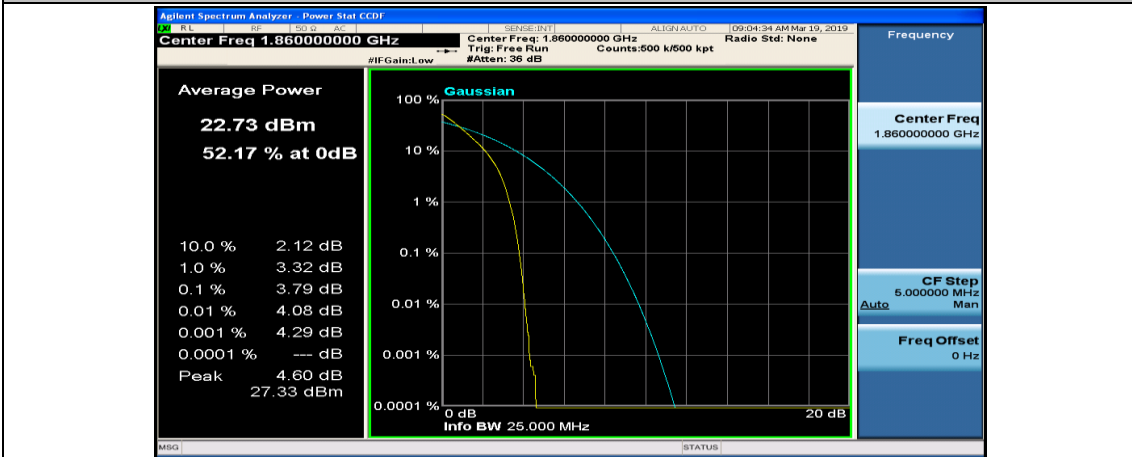| (Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99 |
| --- |

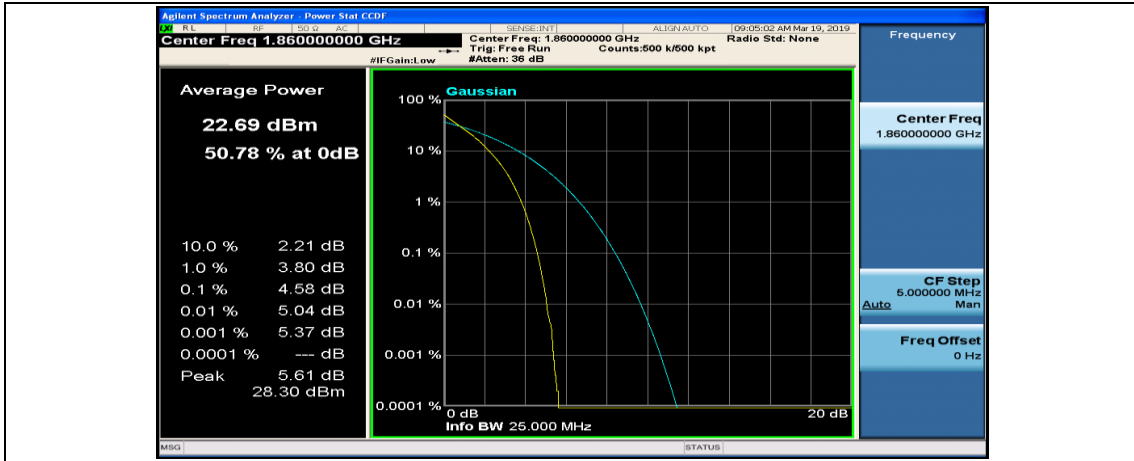(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#0
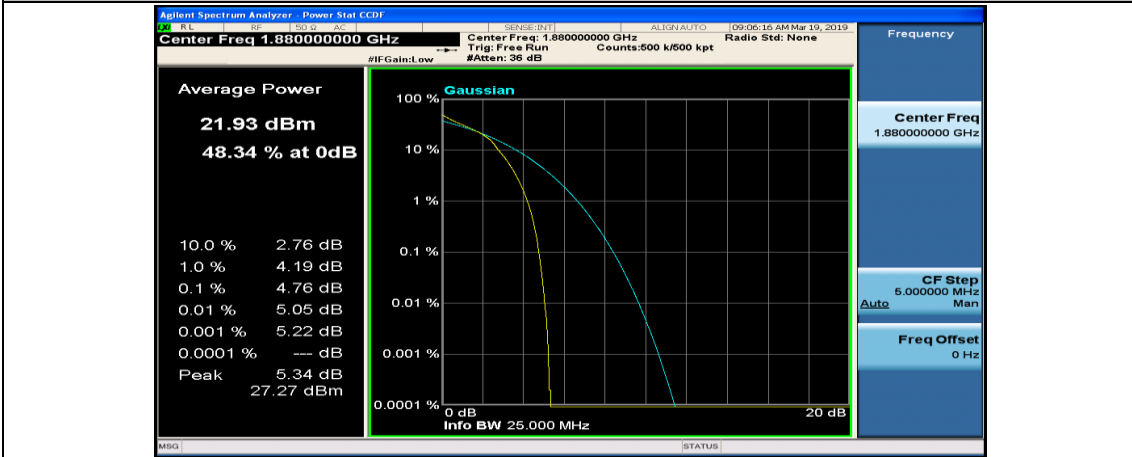


(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#25
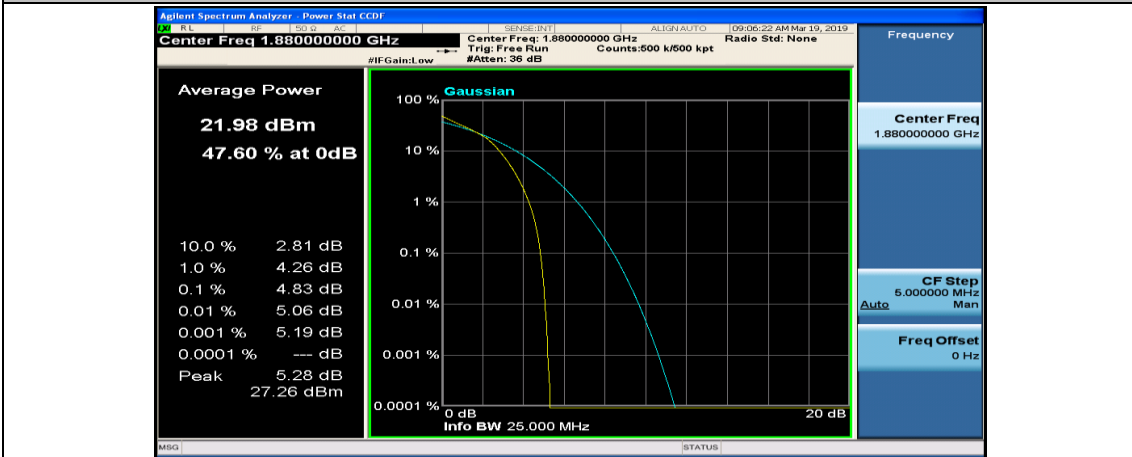


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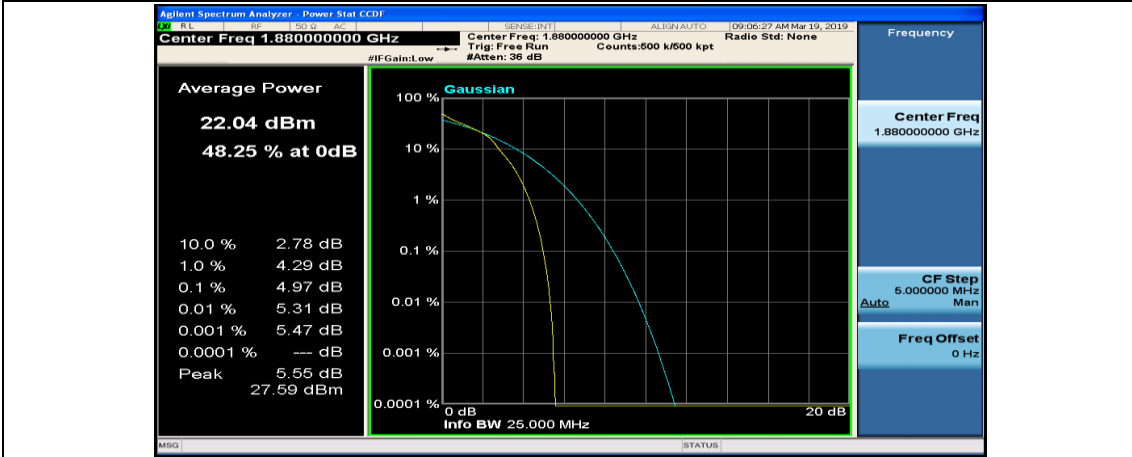
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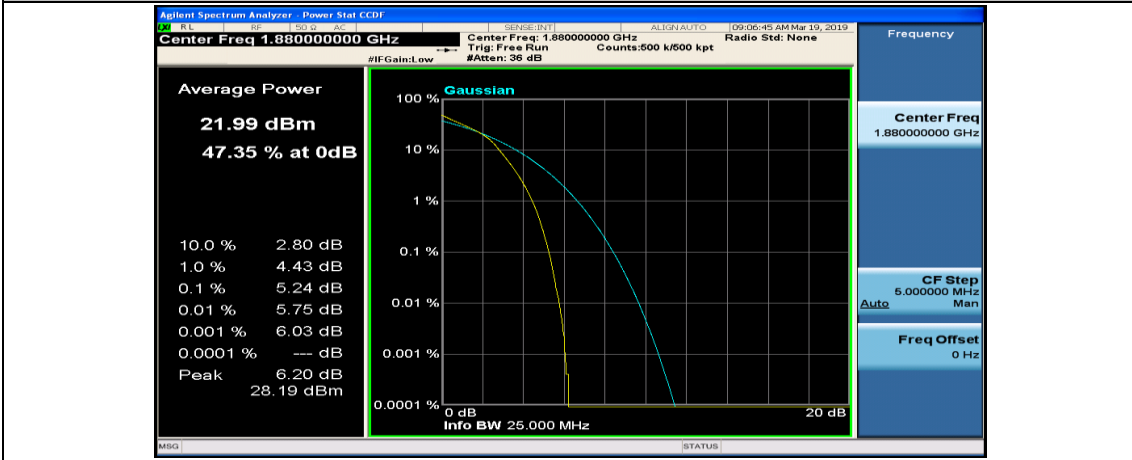


(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0
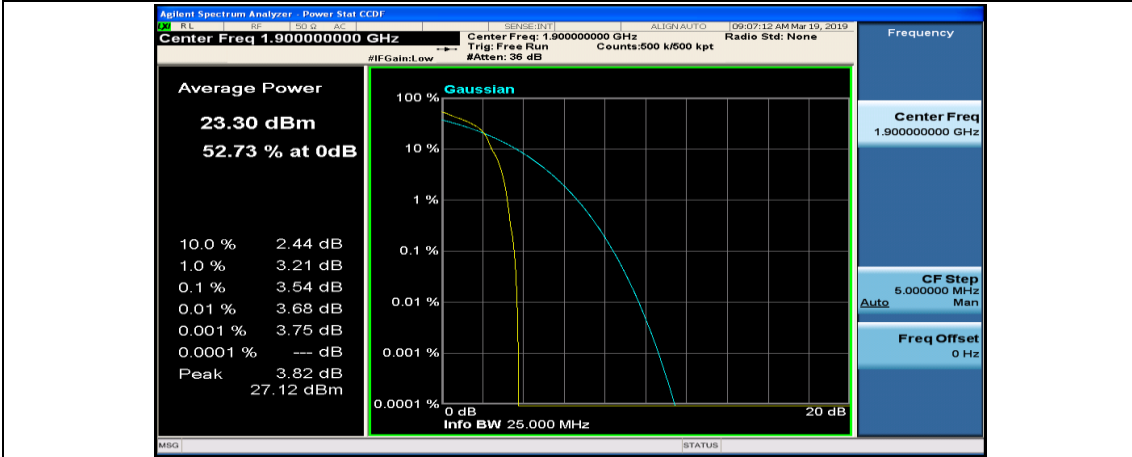


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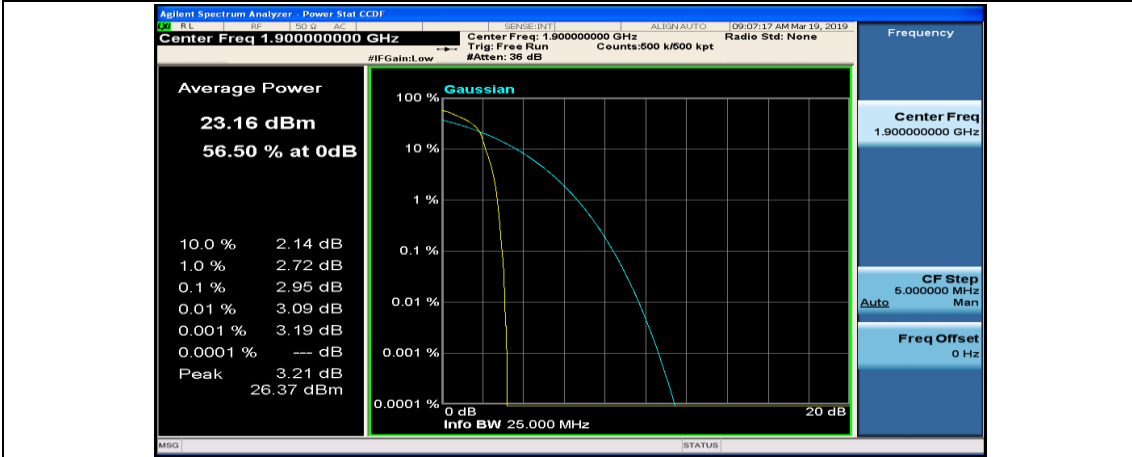
**(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99**
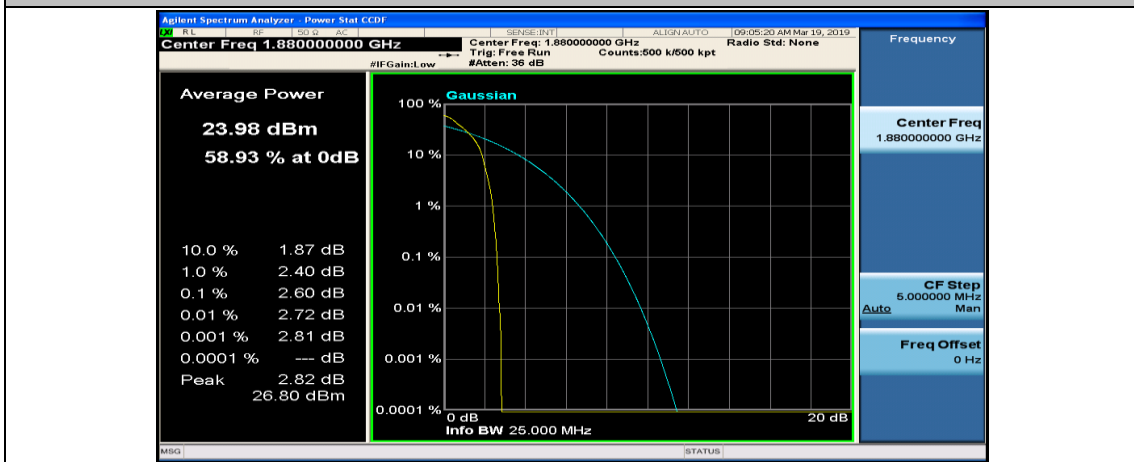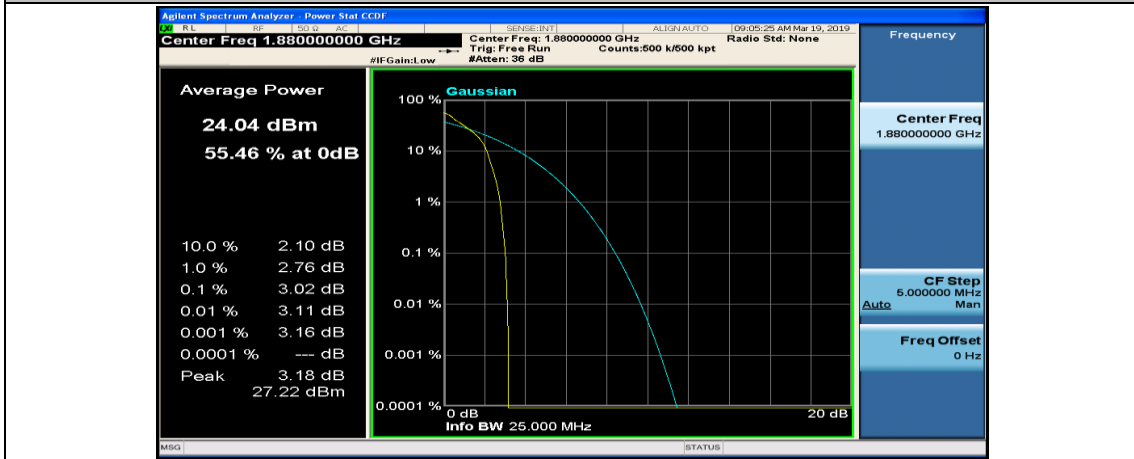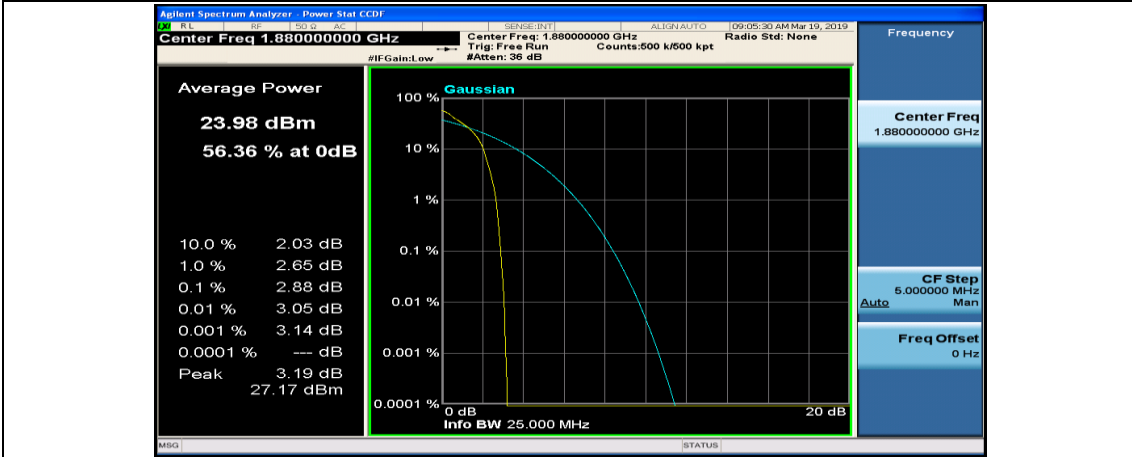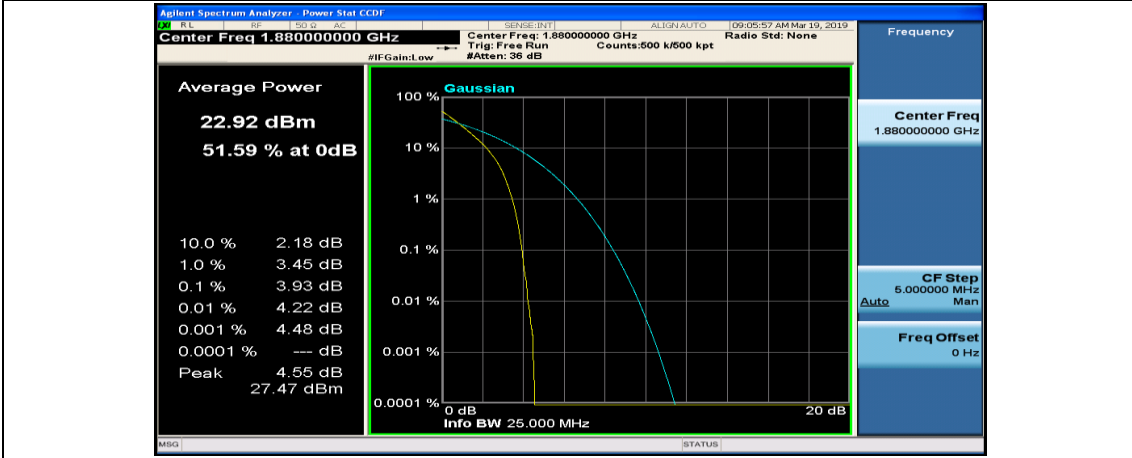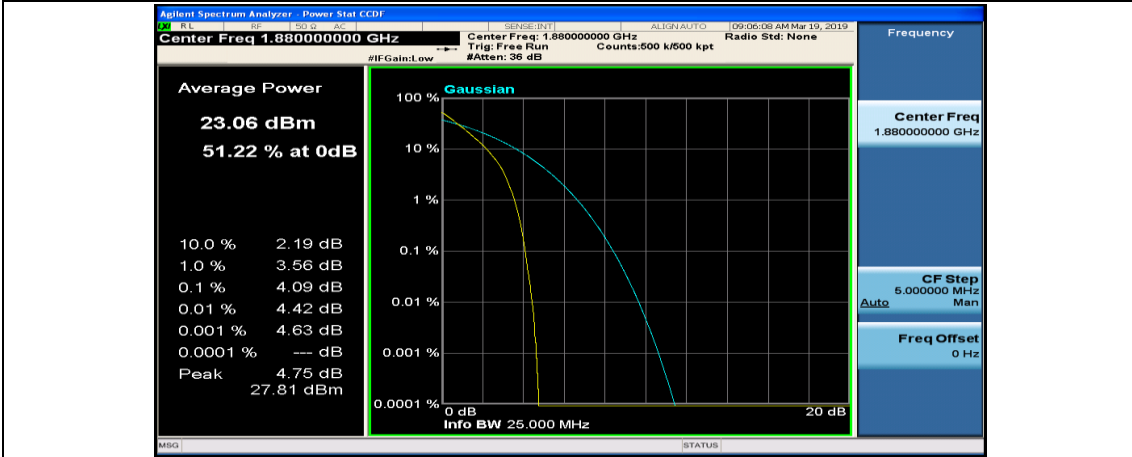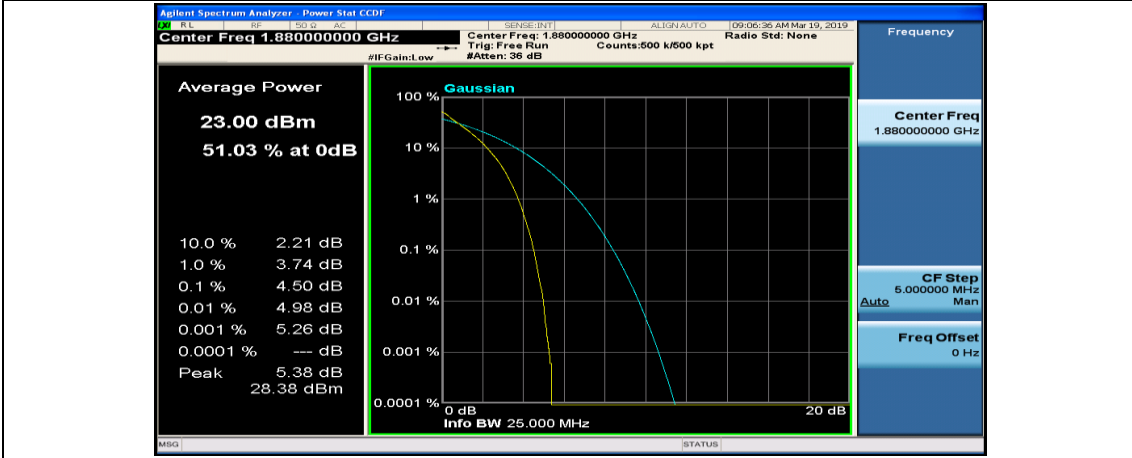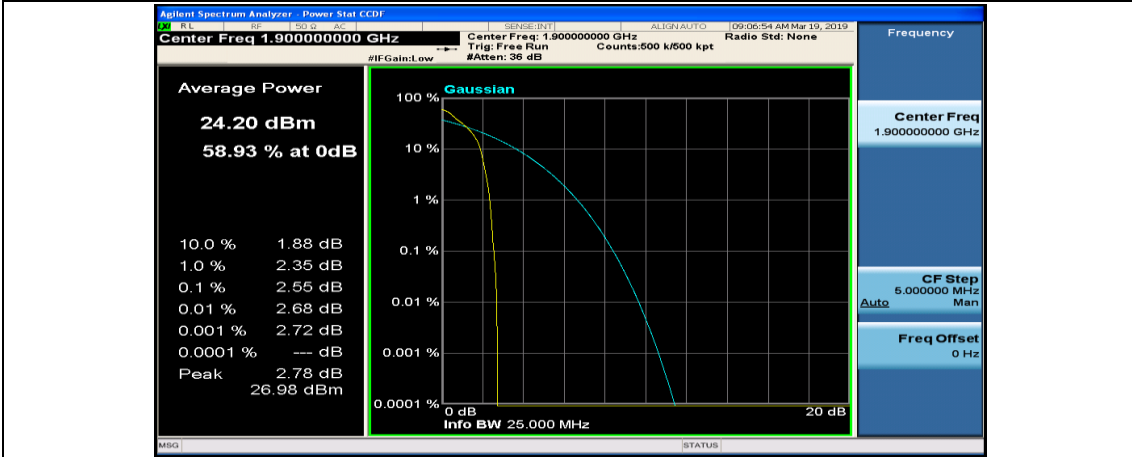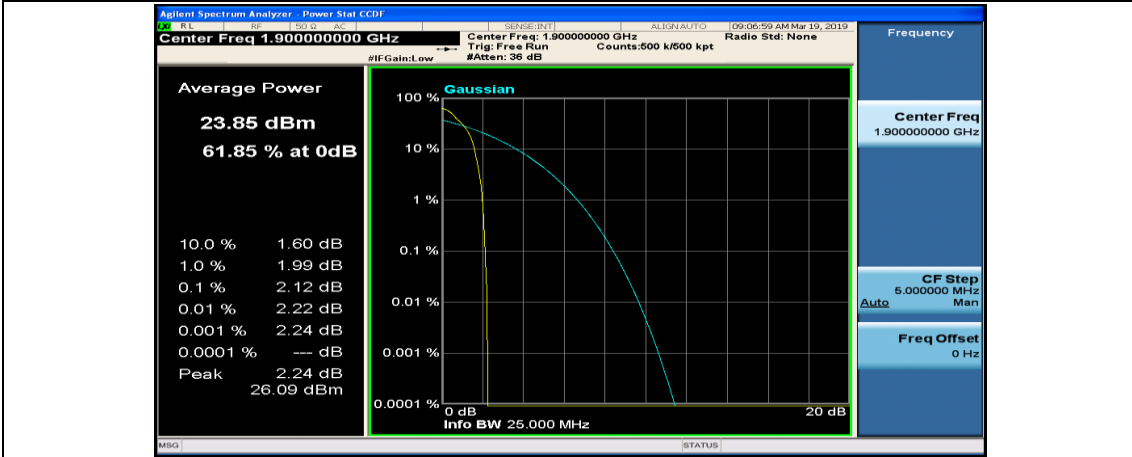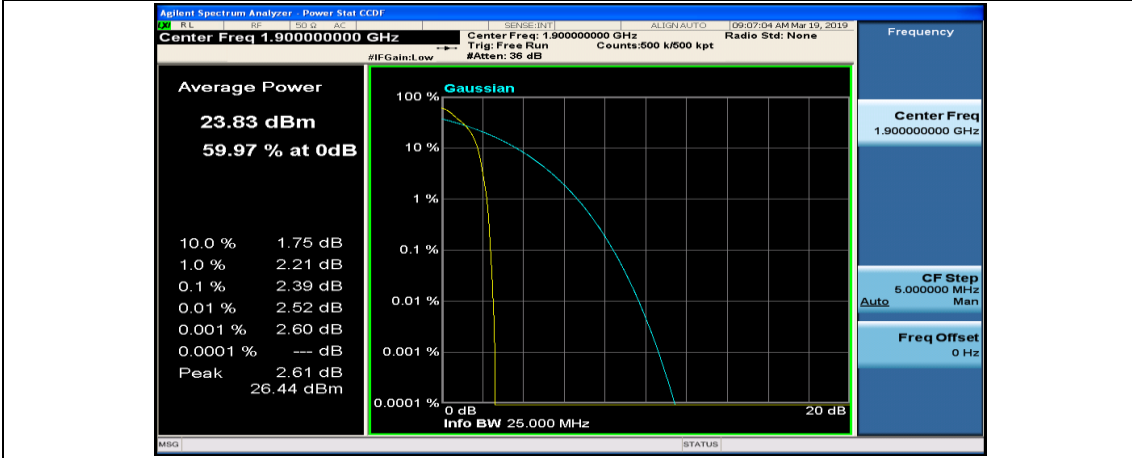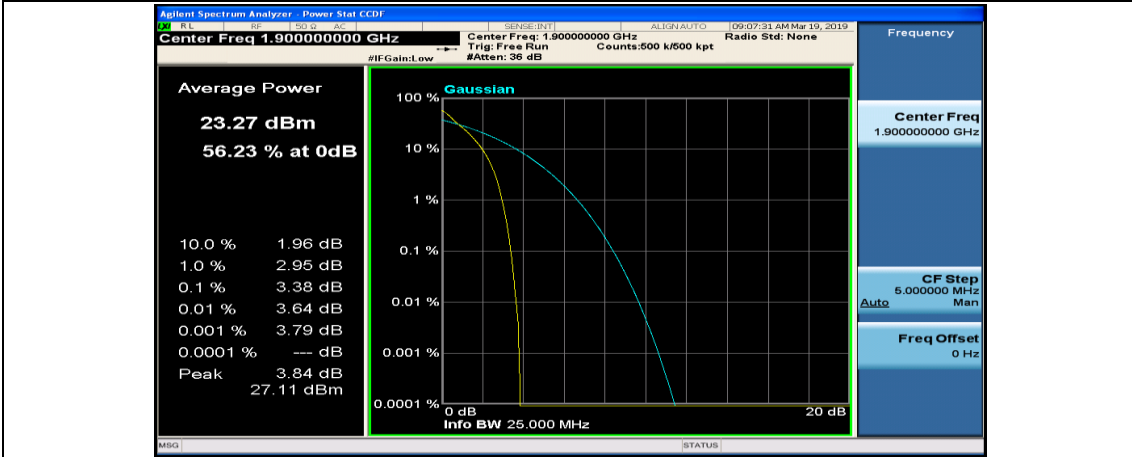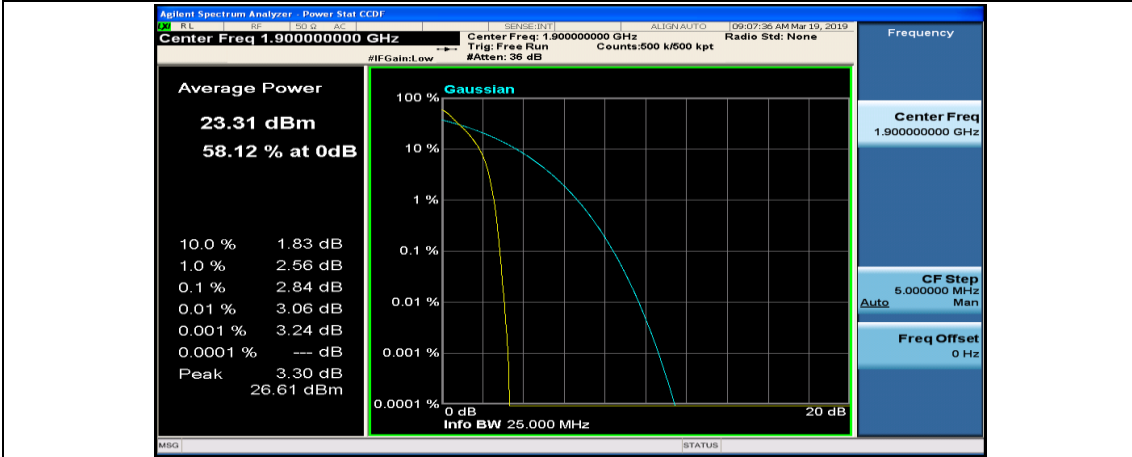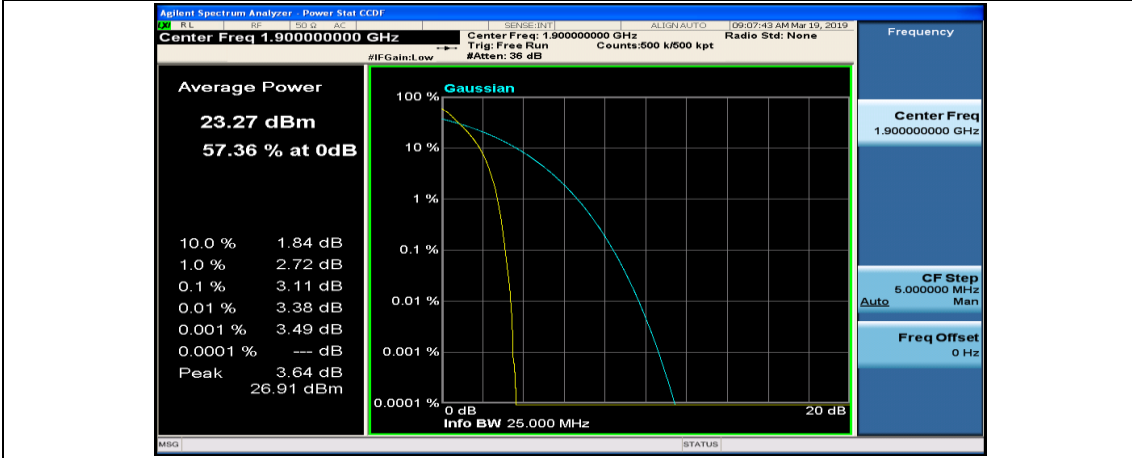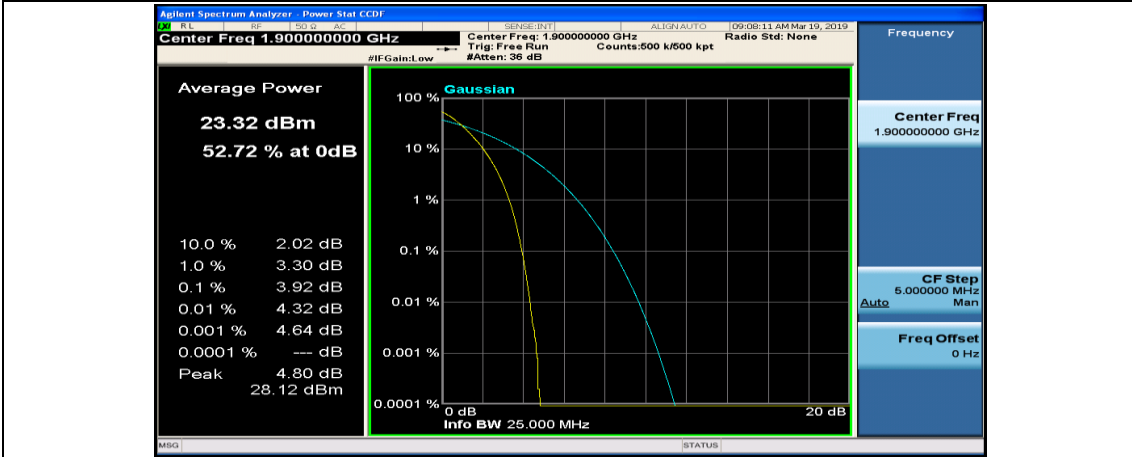


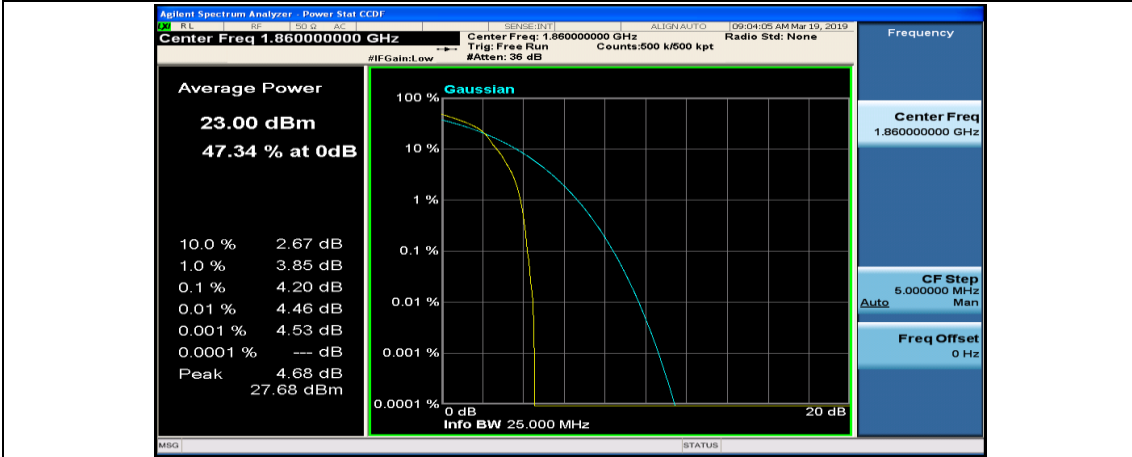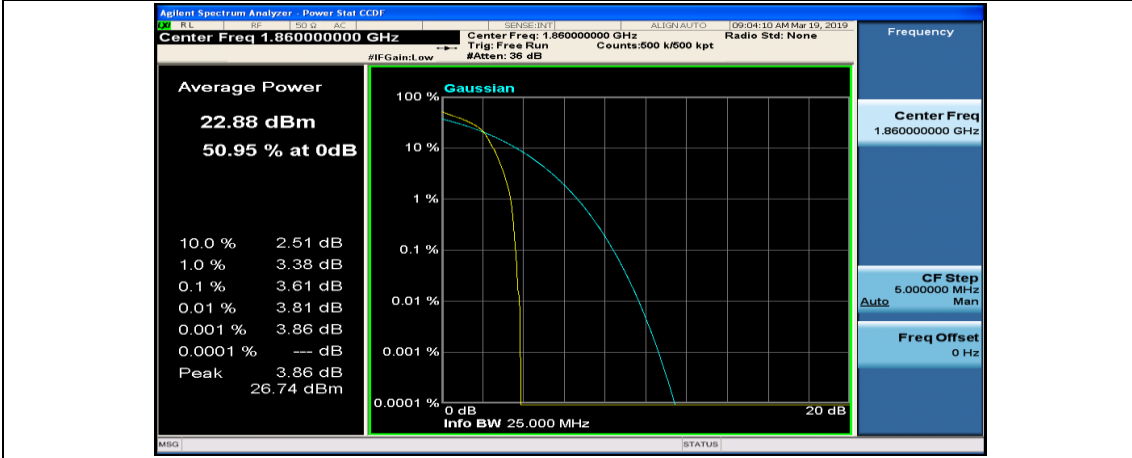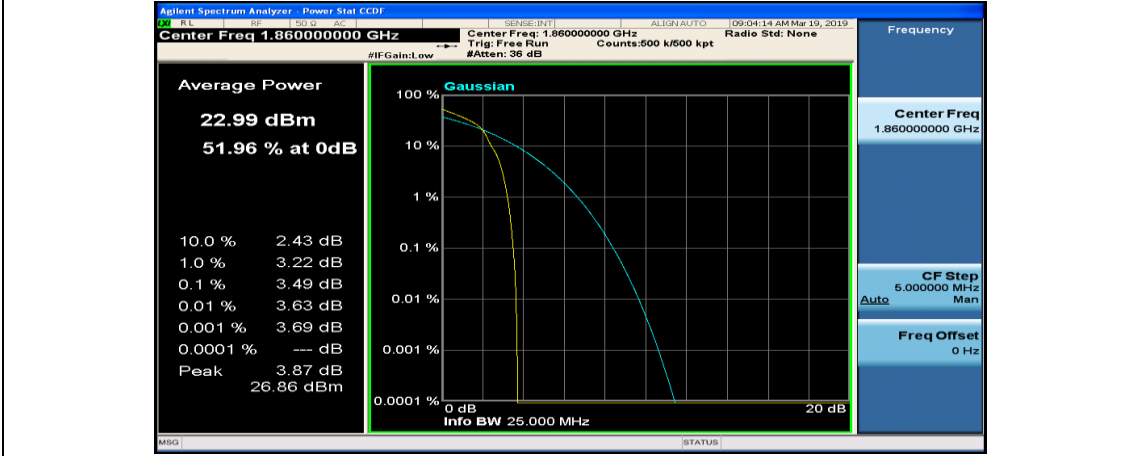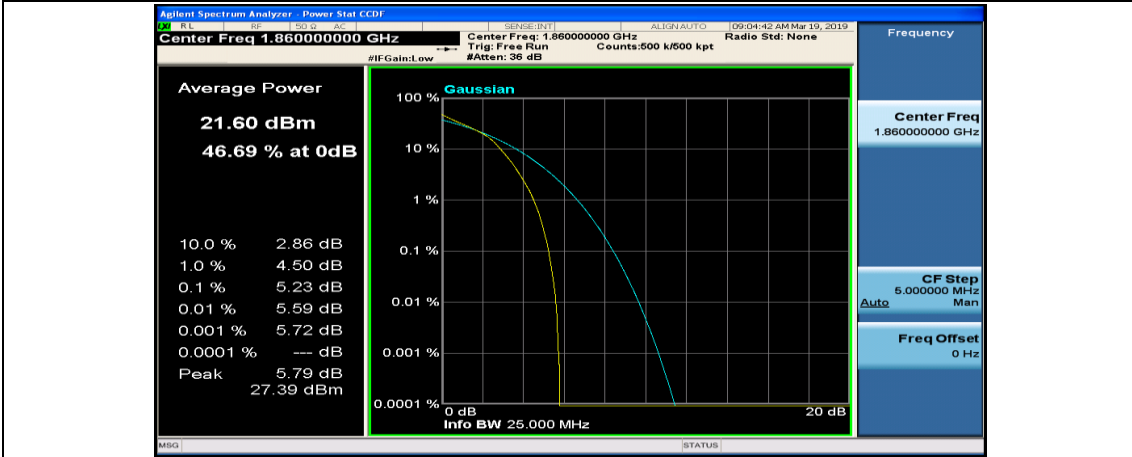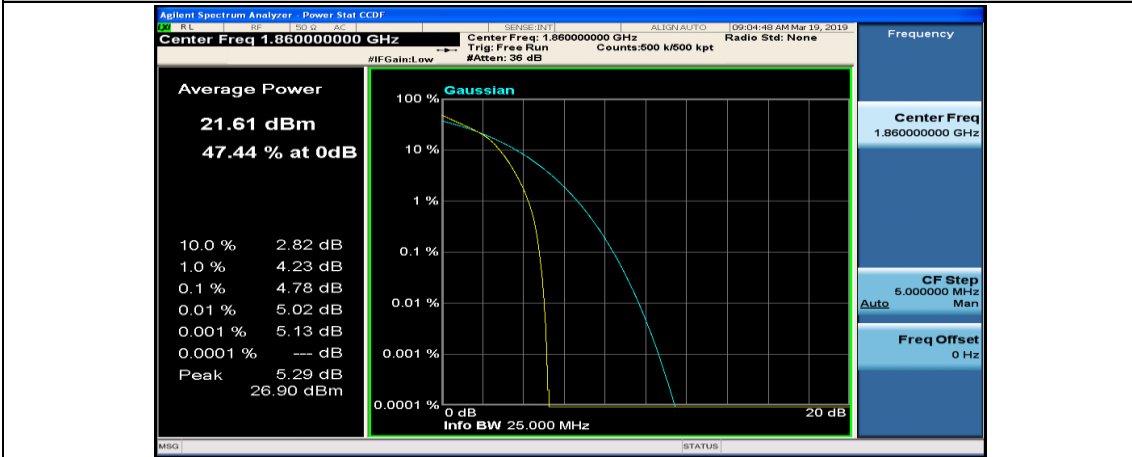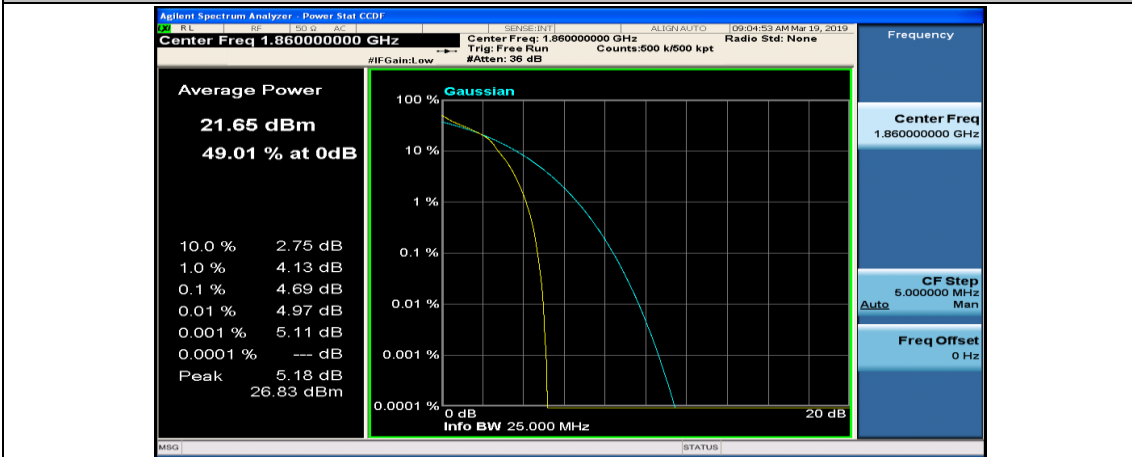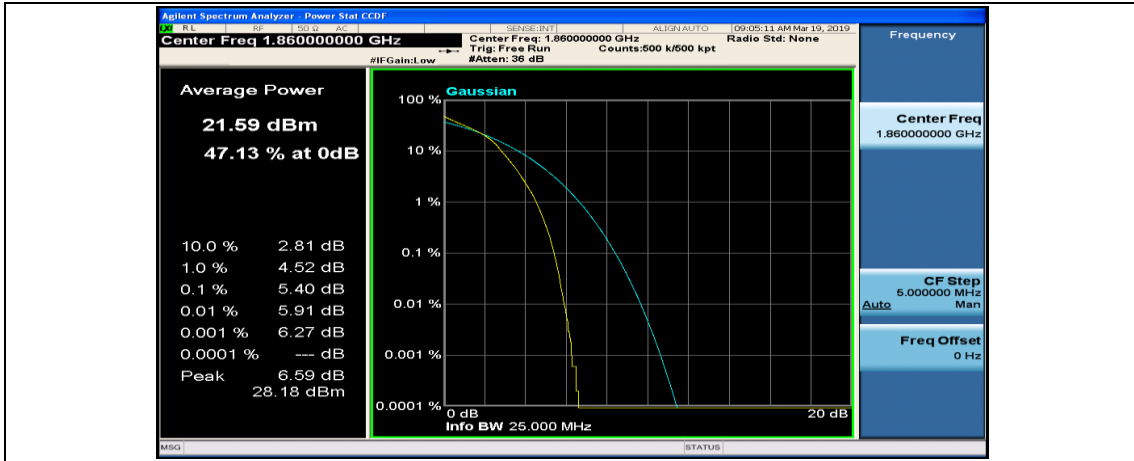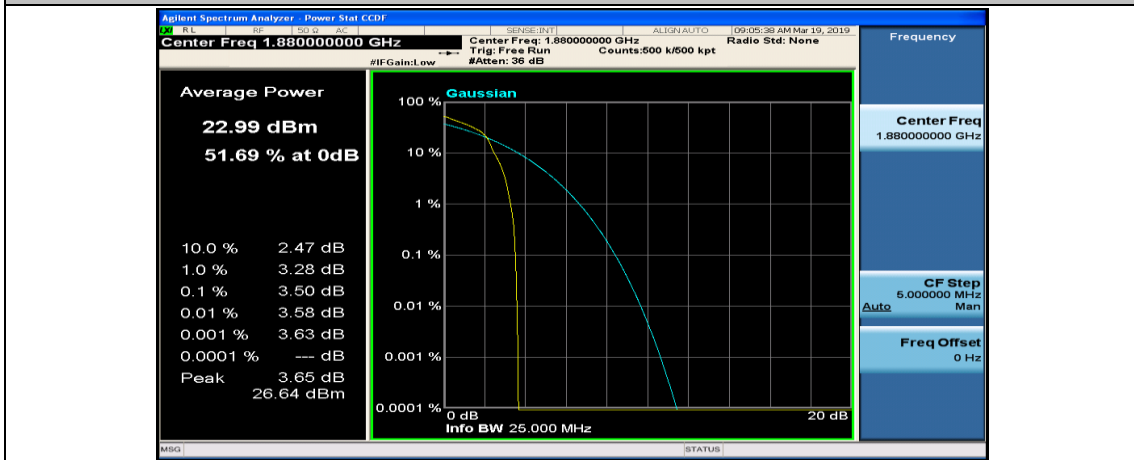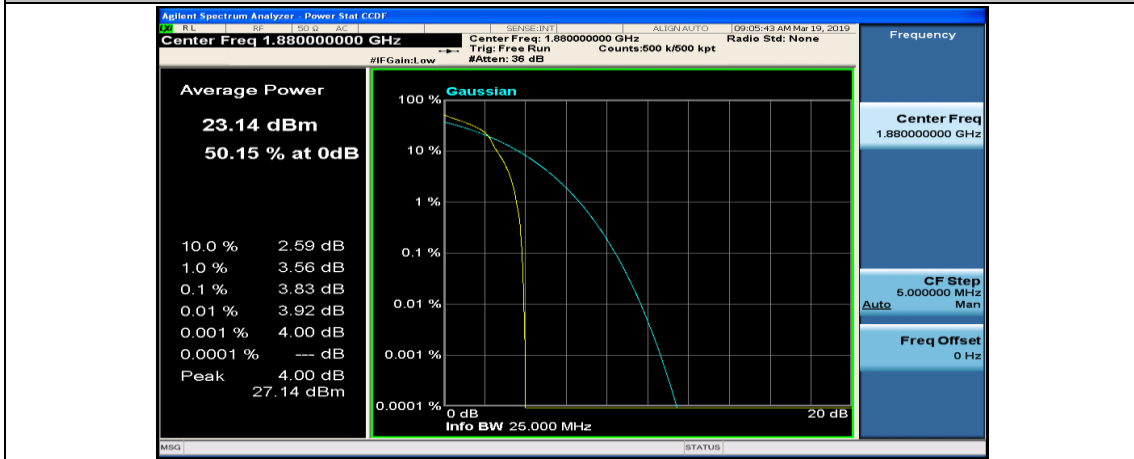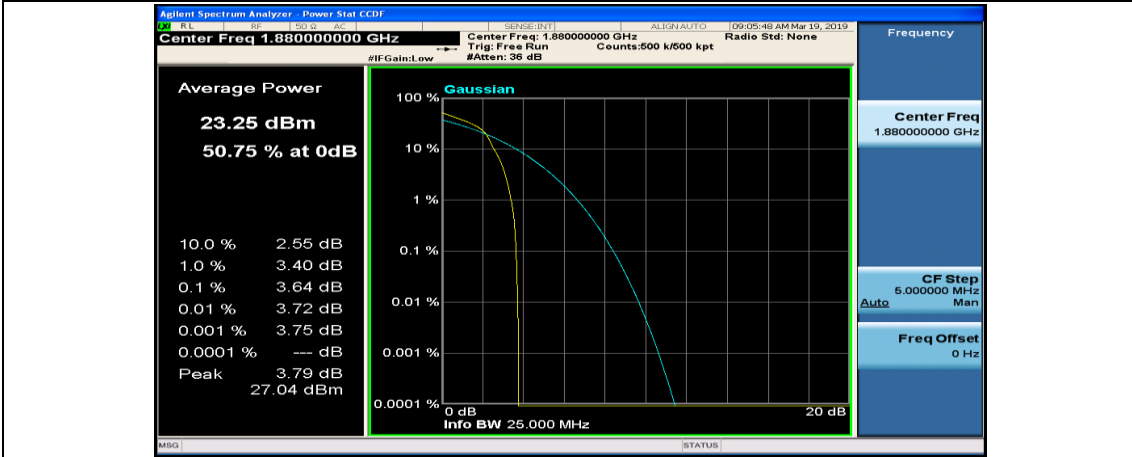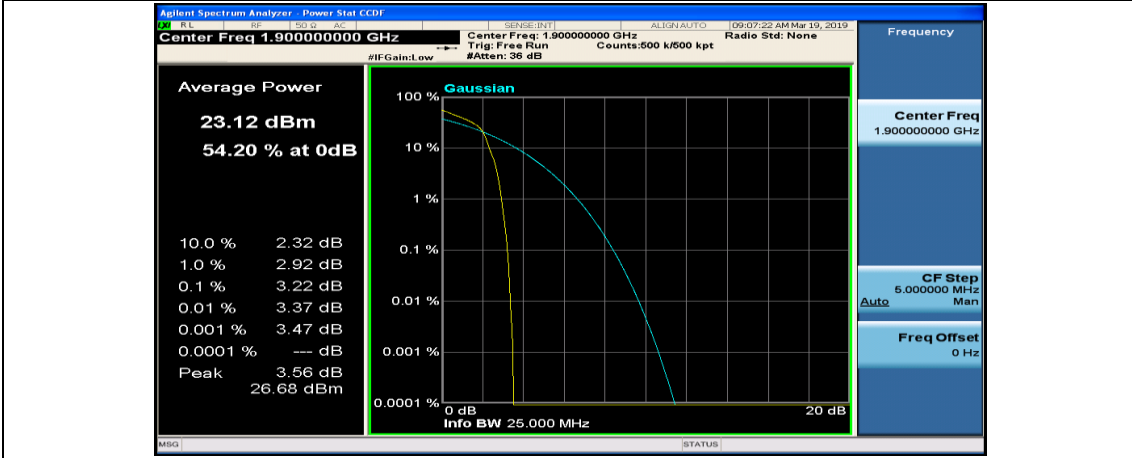**(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0**
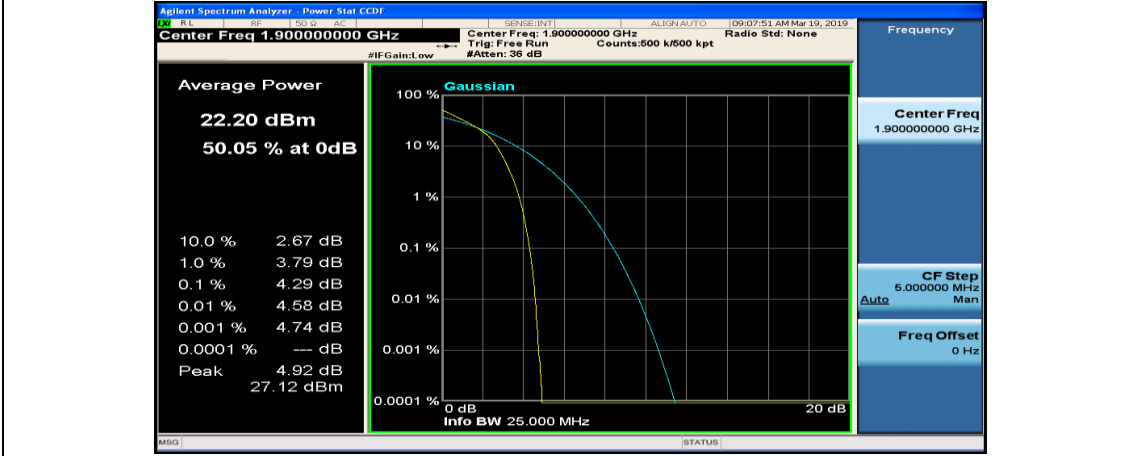


**(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25**
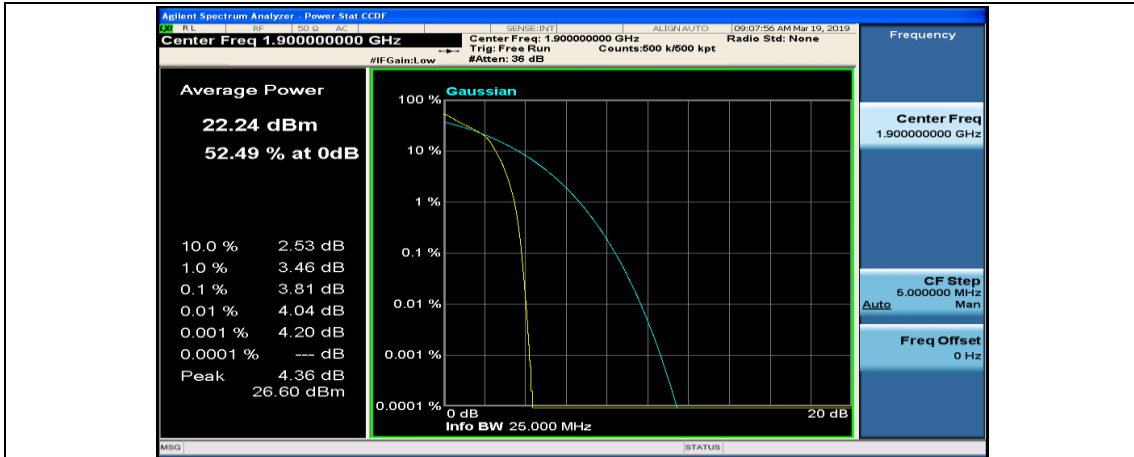
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#50
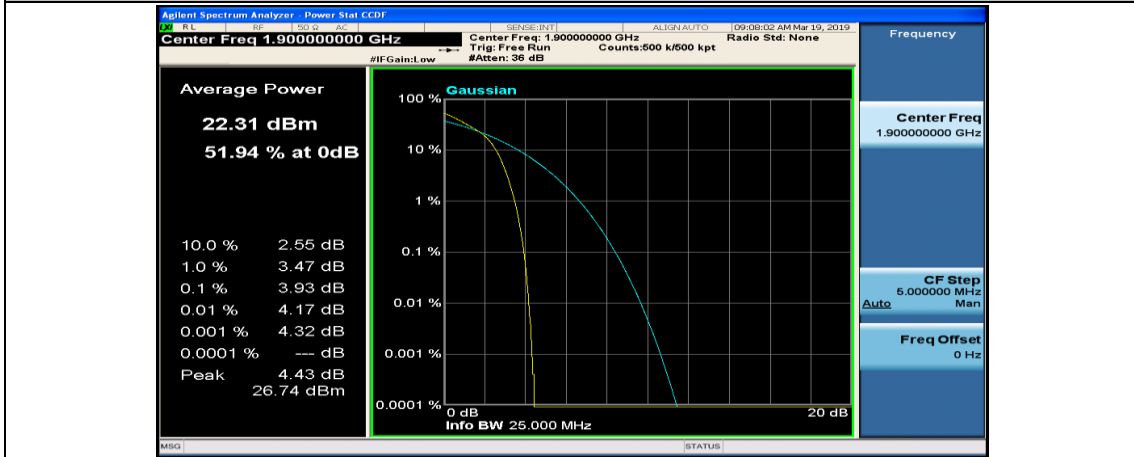


(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0
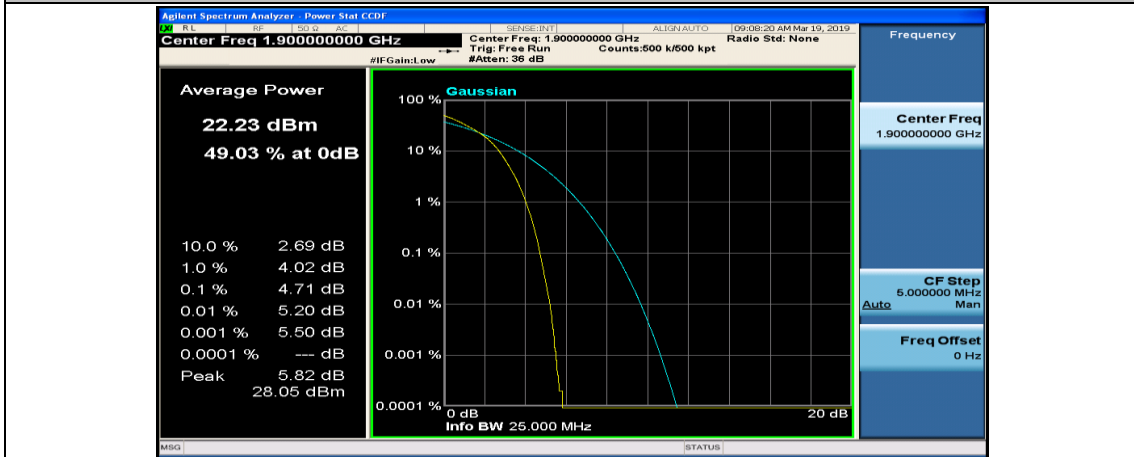
# Appendix C: 26dB Bandwidth and Occupied Bandwidth

## Test Result

## Channel Bandwidth: 1.4 MHz

| Channel Bandwidth: 1.4 MHz | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Channel | RB Configuration | | Occupied Bandwidth | 26dB Bandwidth | Verdict |
| | | Size | Offset | (MHz) | (MHz) | |
| QPSK | LCH | 6 | 0 | 1.0755 | 1.208 | PASS |
| | MCH | 6 | 0 | 1.0809 | 1.243 | PASS |
| | HCH | 6 | 0 | 1.0802 | 1.299 | PASS |
| 16QAM | LCH | 6 | 0 | 1.0802 | 1.220 | PASS |
| | MCH | 6 | 0 | 1.0832 | 1.239 | PASS |
| | HCH | 6 | 0 | 1.0822 | 1.253 | PASS |

## Channel Bandwidth: 3 MHz

| Channel Bandwidth: 3 MHz | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Channel | RB Configuration | | Occupied Bandwidth | 26dB Bandwidth | Verdict |
| | | Size | Offset | (MHz) | (MHz) | |
| QPSK | LCH | 15 | 0 | 2.6873 | 2.867 | PASS |
| | MCH | 15 | 0 | 2.6829 | 2.911 | PASS |
| | HCH | 15 | 0 | 2.6849 | 3.034 | PASS |
| 16QAM | LCH | 15 | 0 | 2.6812 | 2.870 | PASS |
| | MCH | 15 | 0 | 2.6890 | 2.886 | PASS |
| | HCH | 15 | 0 | 2.6888 | 2.928 | PASS |

## Channel Bandwidth: 5 MHz

| Channel Bandwidth: 5 MHz | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Channel | RB Configuration | | Occupied Bandwidth | 26dB Bandwidth | Verdict |
| | | Size | Offset | (MHz) | (MHz) | |
| QPSK | LCH | 25 | 0 | 4.4869 | 4.863 | PASS |
| | MCH | 25 | 0 | 4.4773 | 4.939 | PASS |
| | HCH | 25 | 0 | 4.4977 | 5.084 | PASS |
| 16QAM | LCH | 25 | 0 | 4.4874 | 4.876 | PASS |
| | MCH | 25 | 0 | 4.4840 | 4.797 | PASS |
| | HCH | 25 | 0 | 4.4817 | 4.961 | PASS |

## Channel Bandwidth: 10 MHz

| Channel Bandwidth: 10 MHz | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Channel | RB Configuration | | Occupied Bandwidth | 26dB Bandwidth | Verdict |
| | | Size | Offset | (MHz) | (MHz) | |
| QPSK | LCH | 50 | 0 | 8.9429 | 9.519 | PASS |
| | MCH | 50 | 0 | 8.9321 | 9.504 | PASS |
| | HCH | 50 | 0 | 8.9600 | 10.34 | PASS |
| 16QAM | LCH | 50 | 0 | 8.9335 | 9.526 | PASS |
| | MCH | 50 | 0 | 8.9508 | 9.504 | PASS |
| | HCH | 50 | 0 | 8.9384 | 9.622 | PASS |

## Channel Bandwidth: 15 MHz

| Channel Bandwidth: 15 MHz | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Channel | RB Configuration | | Occupied Bandwidth | 26dB Bandwidth | Verdict |
| | | Size | Offset | (MHz) | (MHz) | |
| QPSK | LCH | 75 | 0 | 13.428 | 14.29 | PASS |
| | MCH | 75 | 0 | 13.439 | 14.15 | PASS |
| | HCH | 75 | 0 | 13.461 | 19.09 | PASS |
| 16QAM | LCH | 75 | 0 | 13.420 | 14.17 | PASS |
| | MCH | 75 | 0 | 13.414 | 14.15 | PASS |
| | HCH | 75 | 0 | 13.420 | 17.80 | PASS |

## Channel Bandwidth: 20 MHz

| Channel Bandwidth: 20 MHz | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Channel | RB Configuration | | Occupied Bandwidth | 26dB Bandwidth | Verdict |
| | | Size | Offset | (MHz) | (MHz) | |
| QPSK | LCH | 100 | 0 | 17.882 | 18.78 | PASS |
| | MCH | 100 | 0 | 17.883 | 18.69 | PASS |
| | HCH | 100 | 0 | 17.906 | 20.30 | PASS |
| 16QAM | LCH | 100 | 0 | 17.868 | 18.68 | PASS |
| | MCH | 100 | 0 | 17.847 | 18.65 | PASS |
| | HCH | 100 | 0 | 17.884 | 19.08 | PASS |

## Test Graphs

## Channel Bandwidth: 1.4 MHz
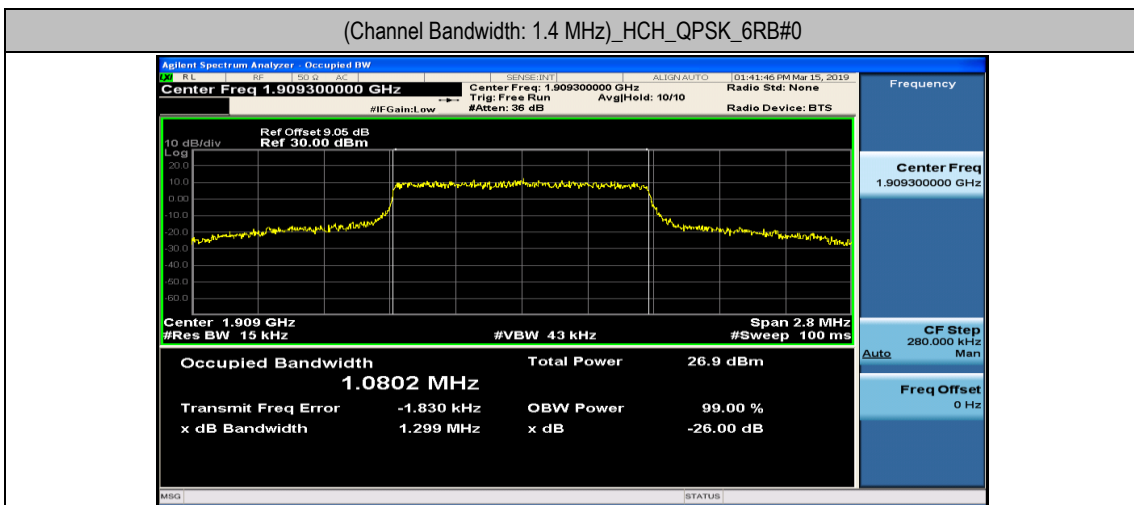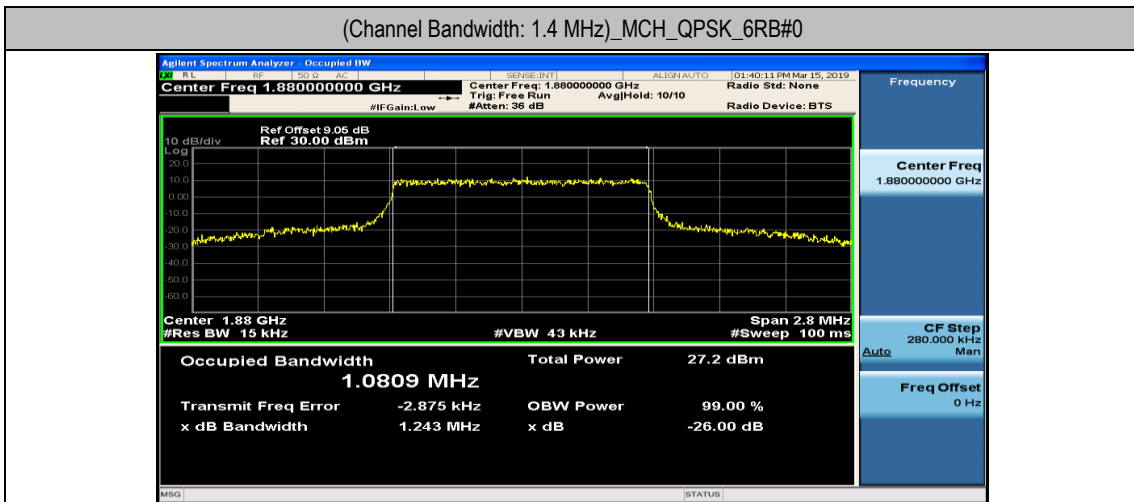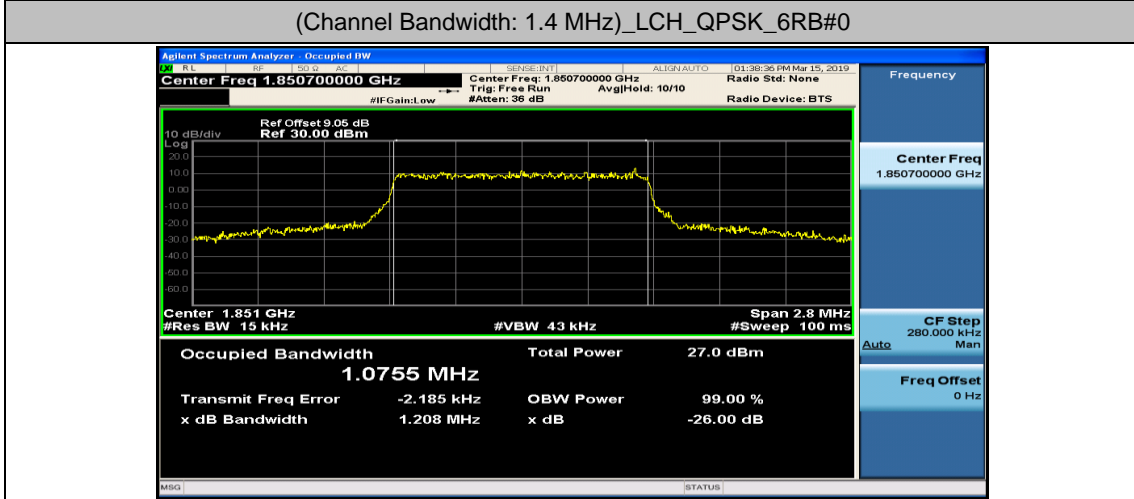
| (Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0 |
|---|
|  |

| (Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0 |
|---|
|  |

| (Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0 |
|---|
|  |

| (Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0 |
|---|
|  |

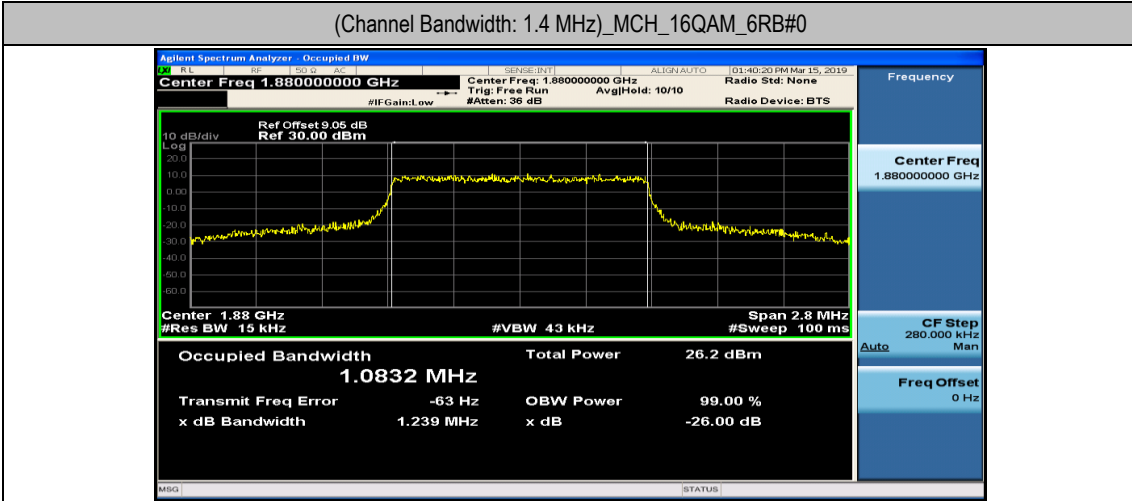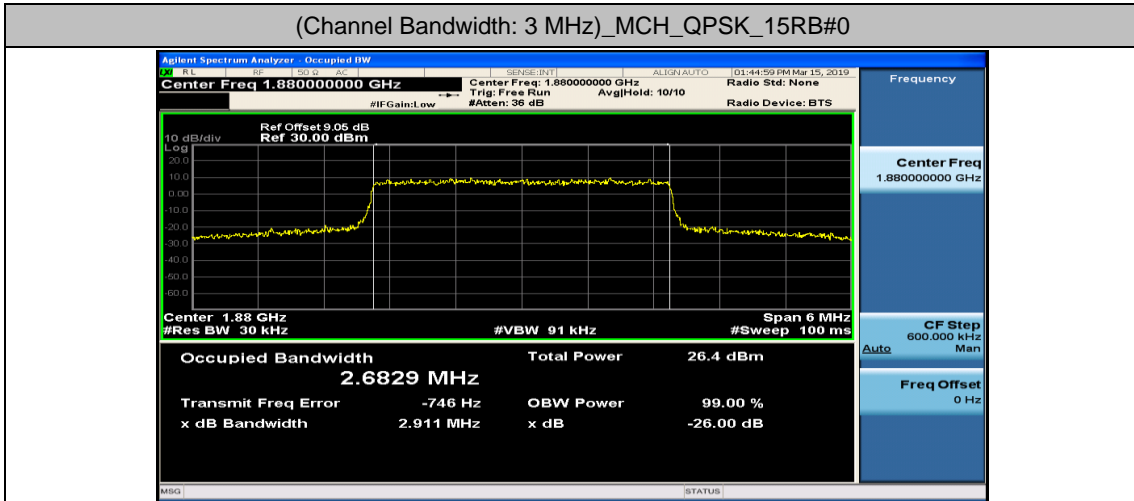| (Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0 |
|---|
|  |

| (Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0 |
|---|
|  |
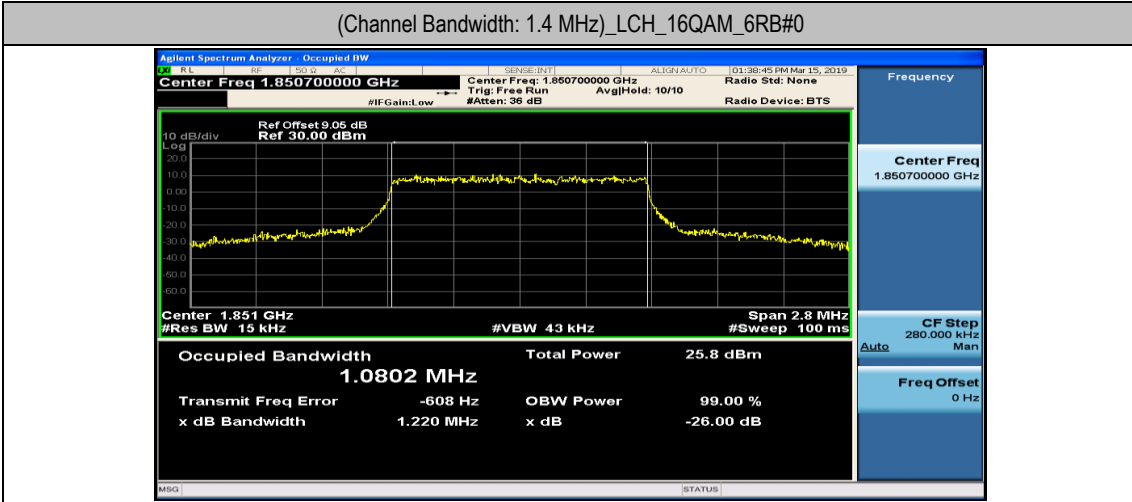
## Channel Bandwidth: 3 MHz
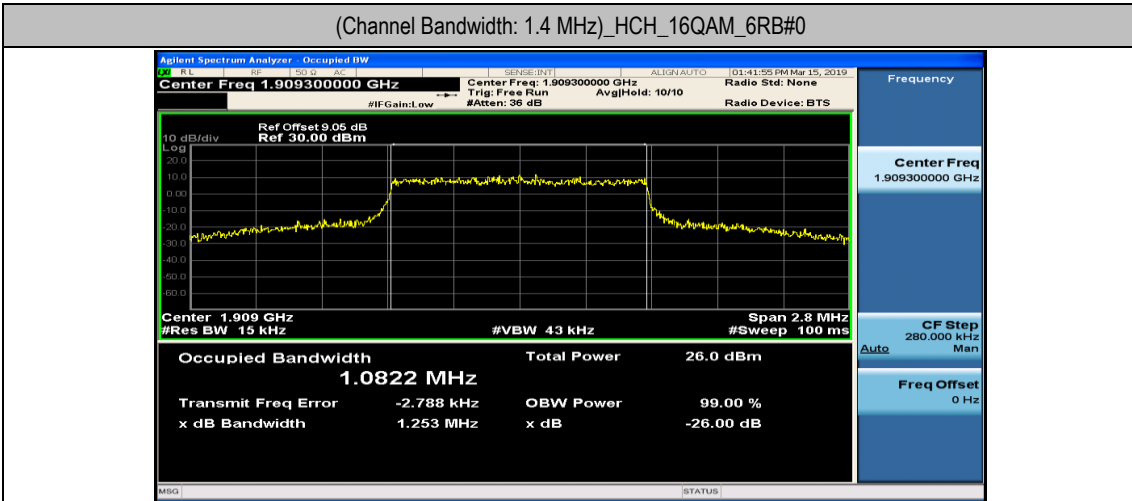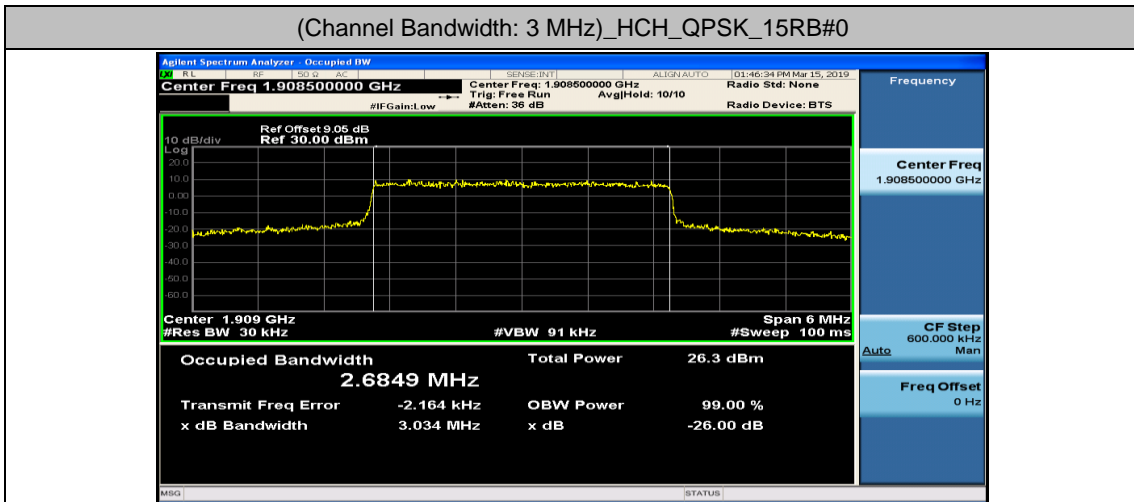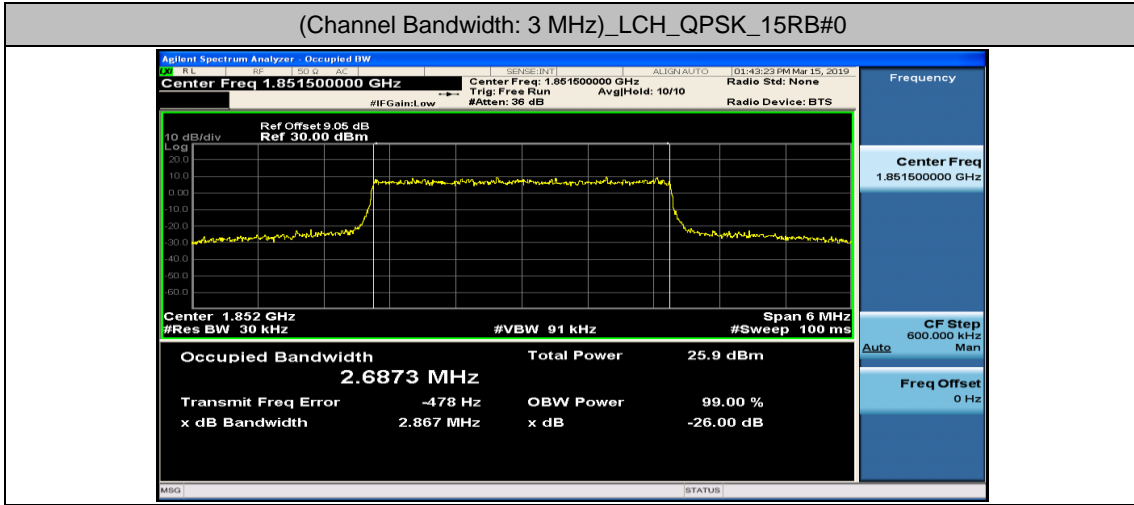
| (Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0 |
| --- |
|  |

| (Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0 |
| --- |
|  |

| (Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0 |
| --- |
|  |

| (Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0 |
|---|
|  |

| (Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0 |
|---|
|  |

| (Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0 |
|---|
|  |
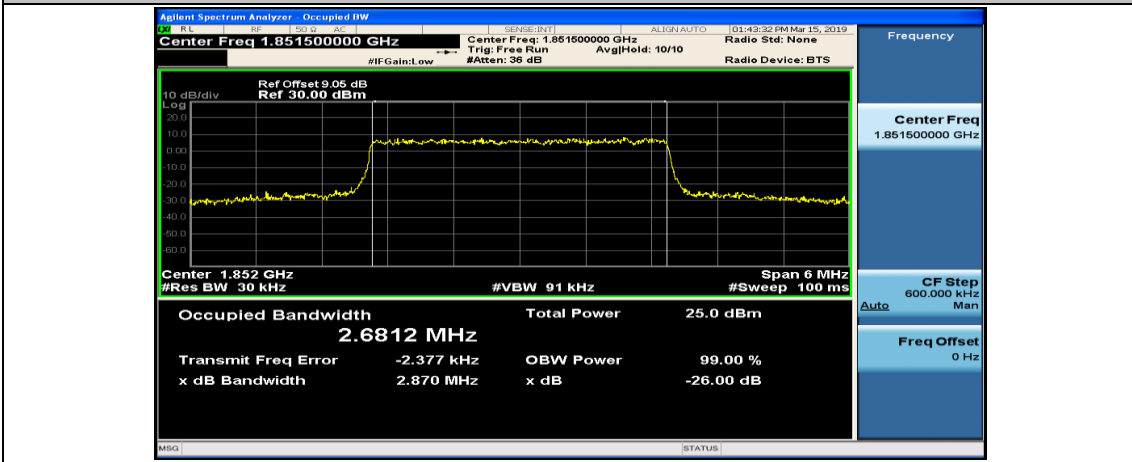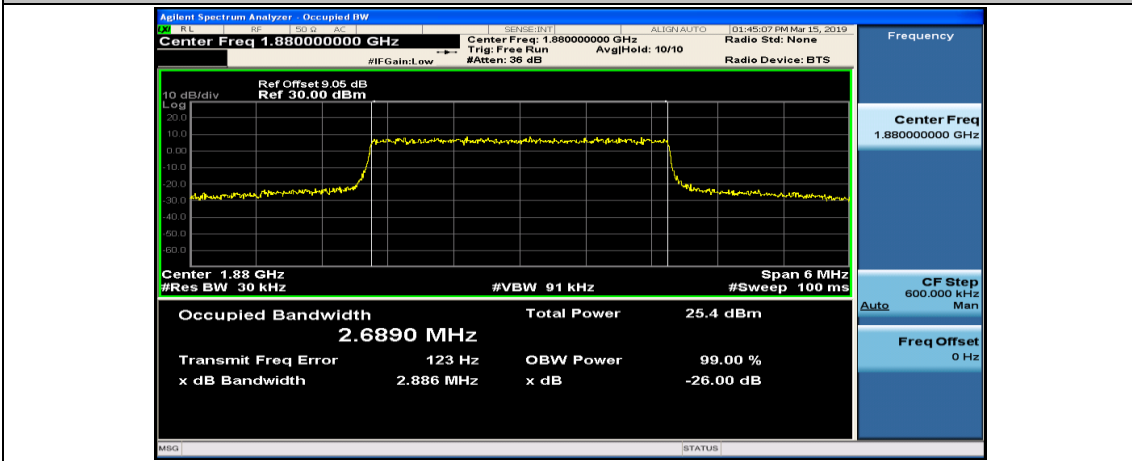
## Channel Bandwidth: 5 MHz

| (Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0 |
|---|
|  |

| (Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0 |
|---|
|  |

| (Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0 |
|---|
|  |