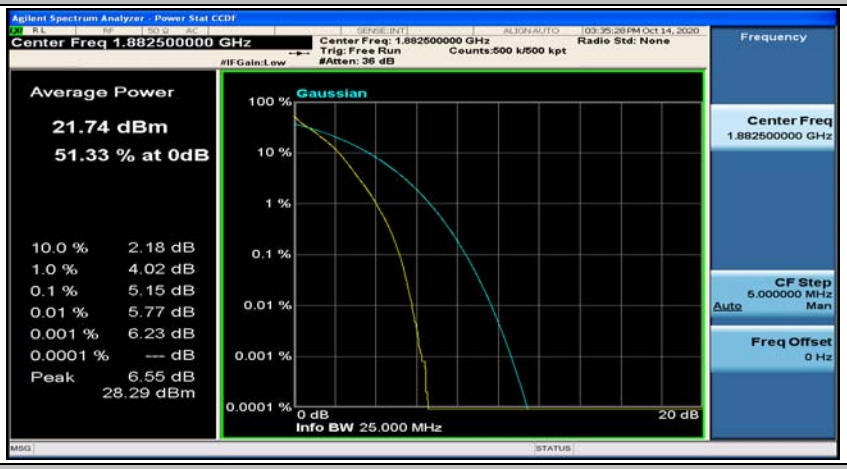
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

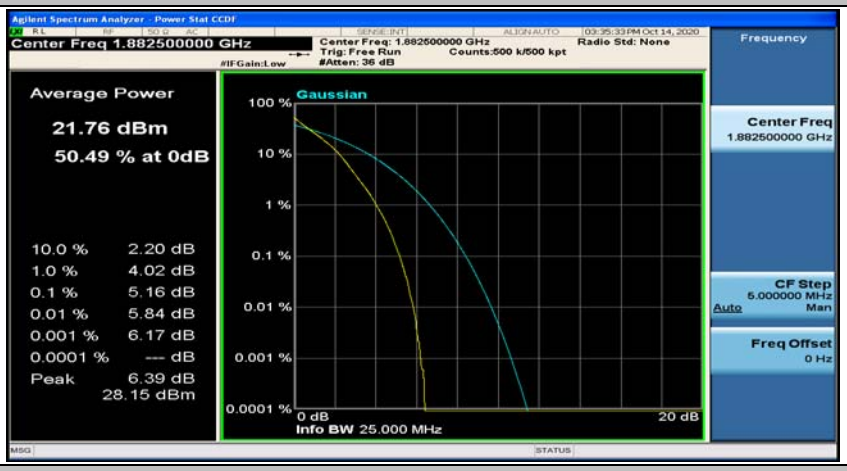
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

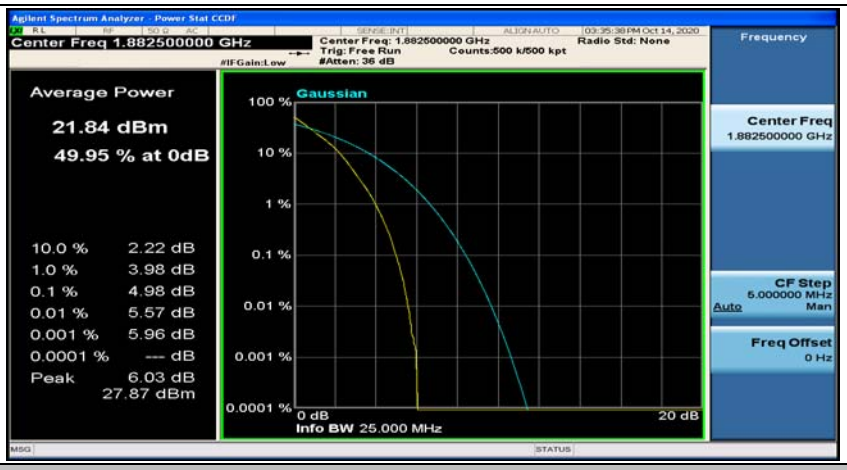
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0



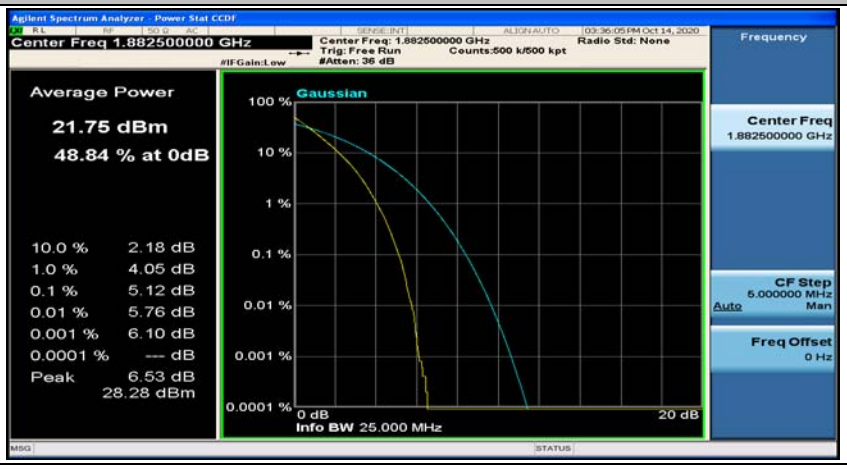

Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



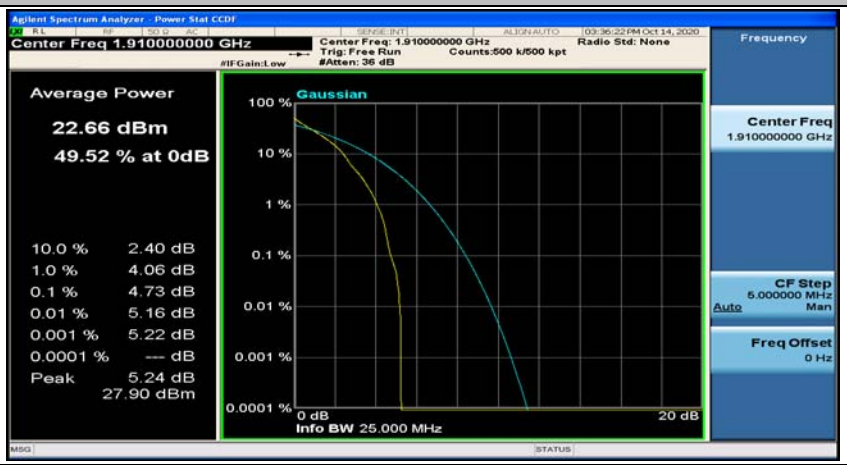

Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25



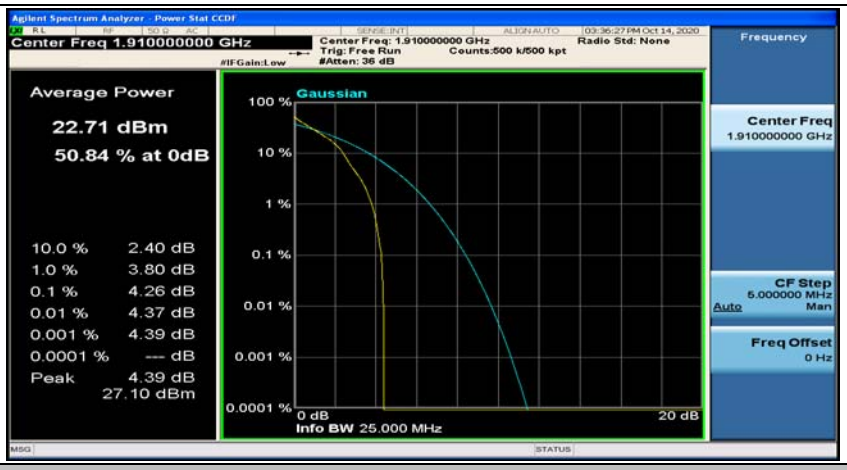

Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0




Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

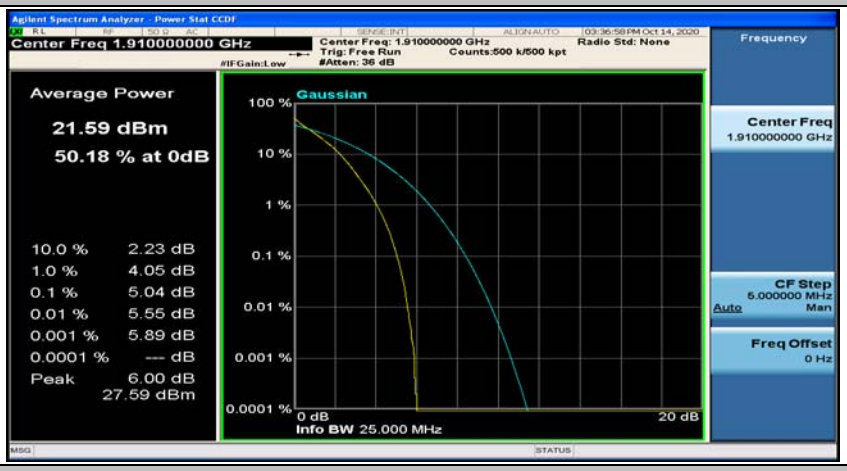



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24




Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49

Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



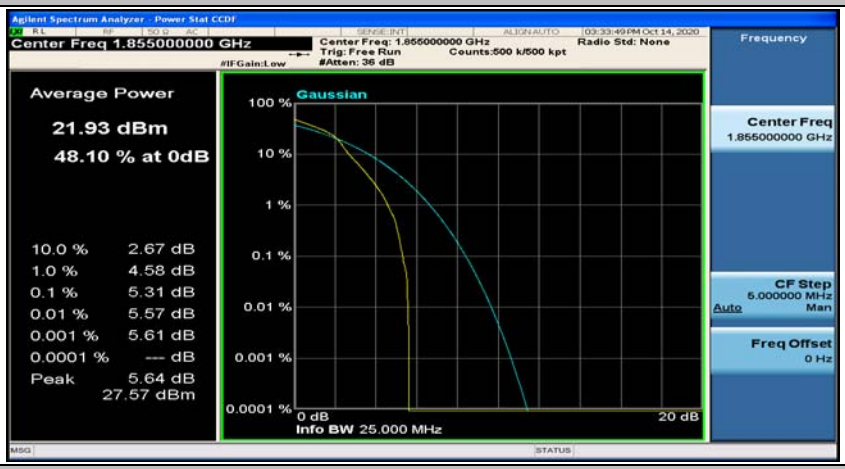

Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12

Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25

Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0

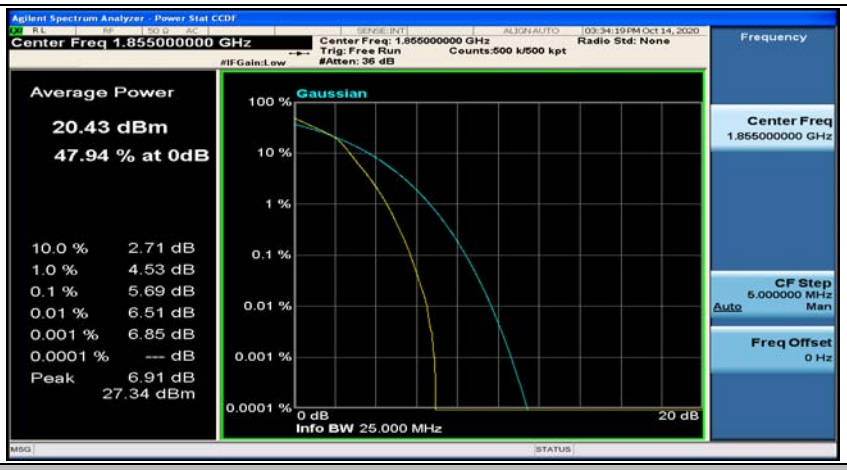
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0

Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



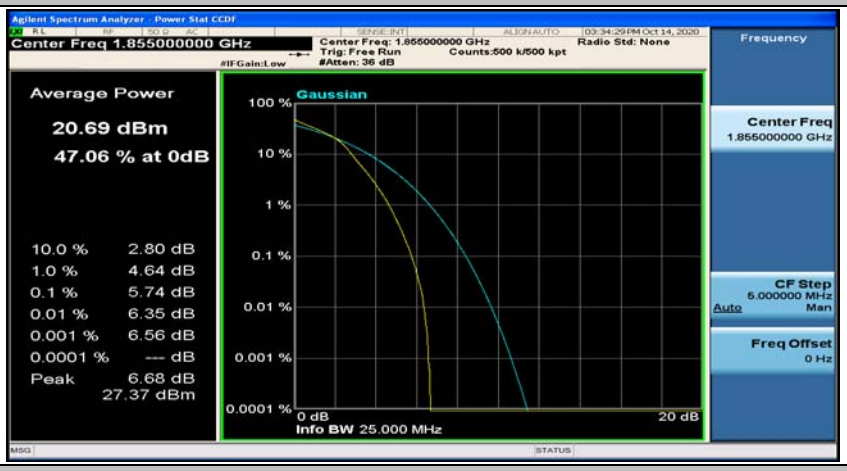

Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0



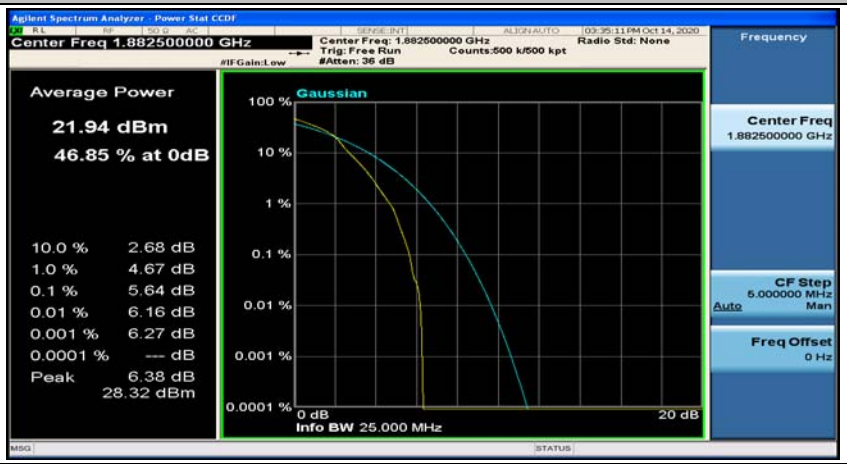

Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12

Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25

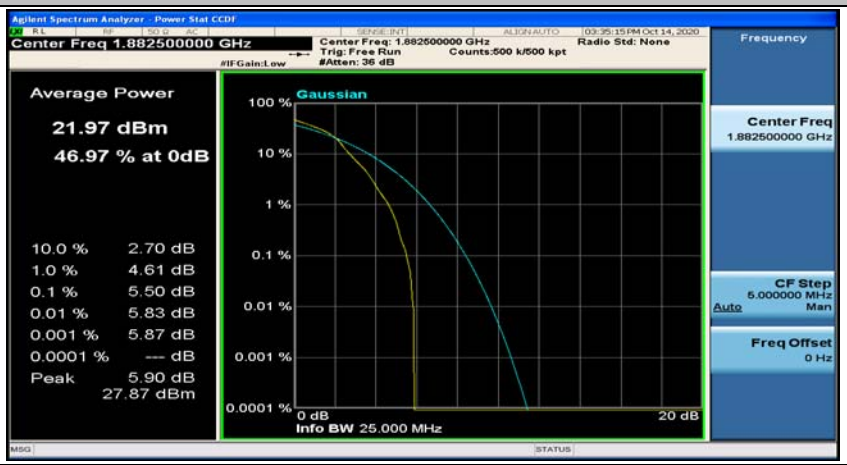



Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0

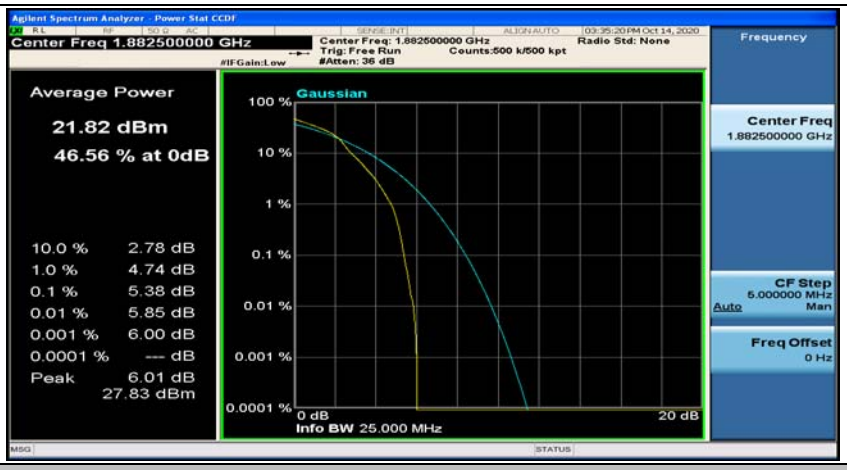
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0




Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

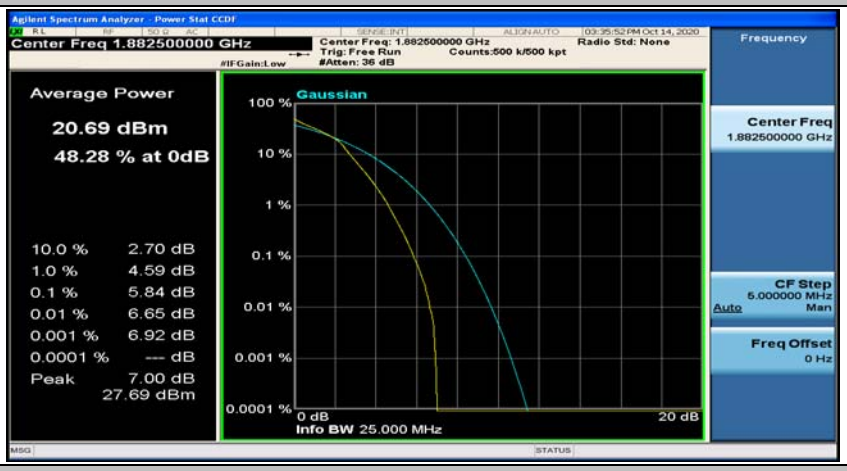



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

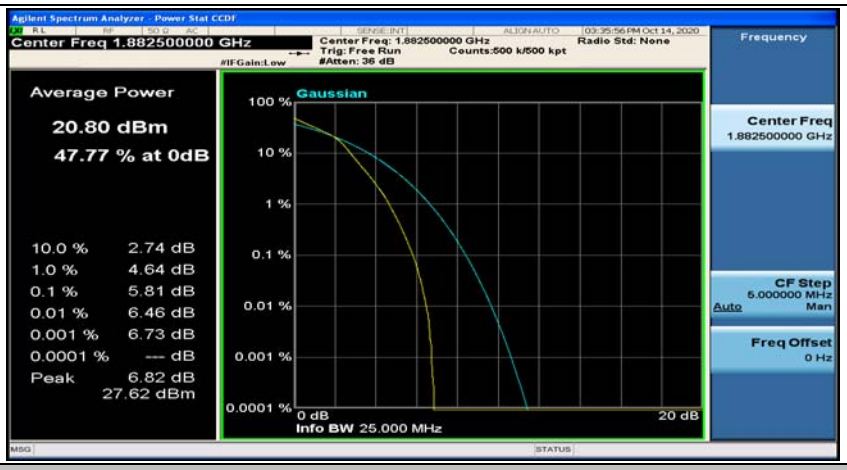



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0

Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12

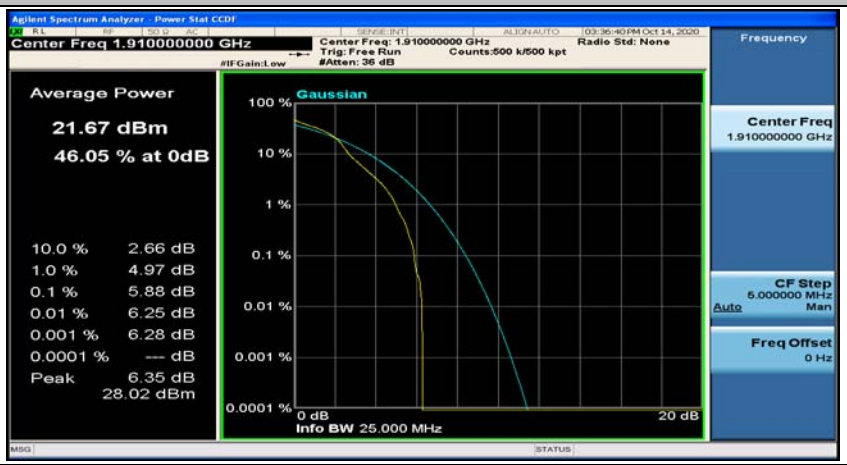



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25




Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

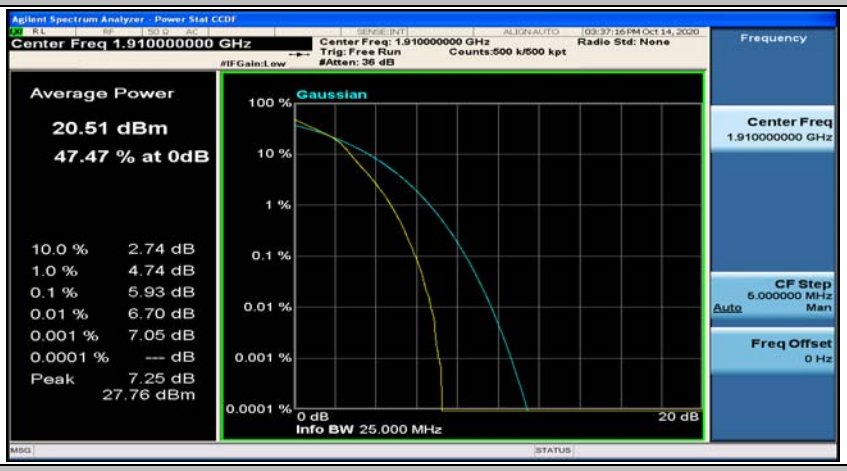
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



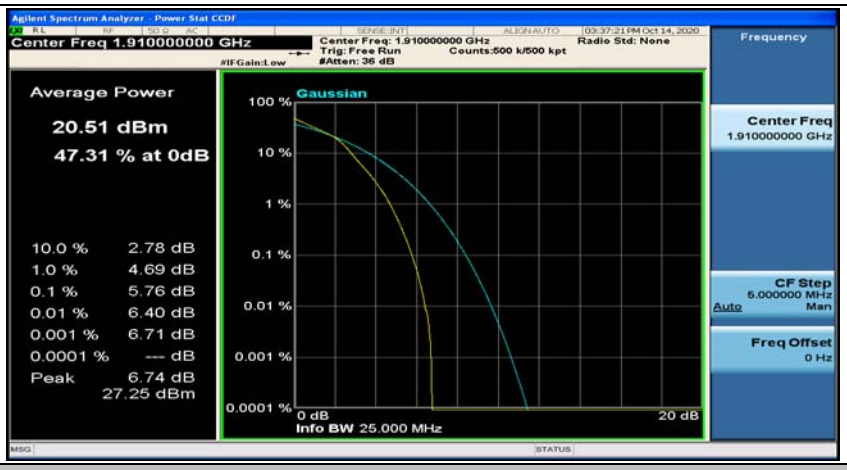

Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24

Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49

Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0




Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12




Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25

Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

## Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#37

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#74

(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#0

(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18

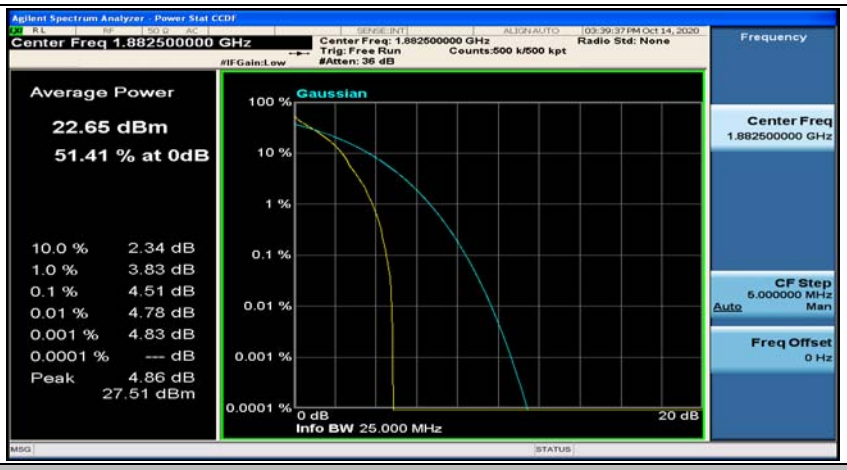
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38

(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0

(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0

(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37

(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74



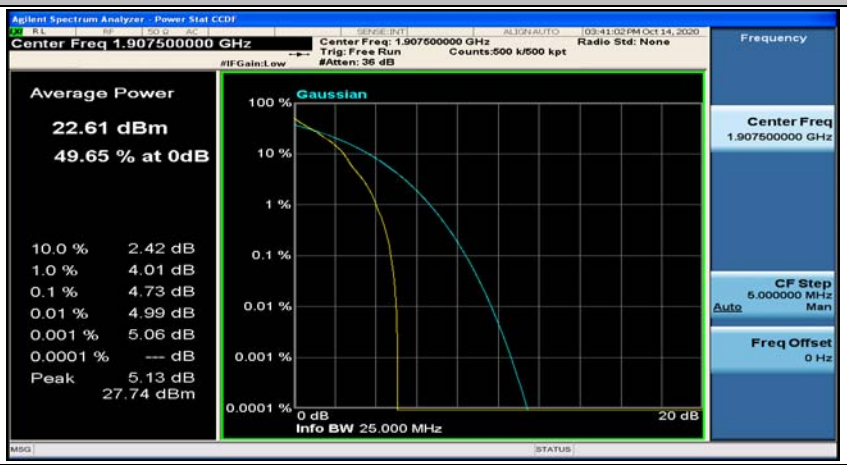

(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0

(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18

(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38

(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0

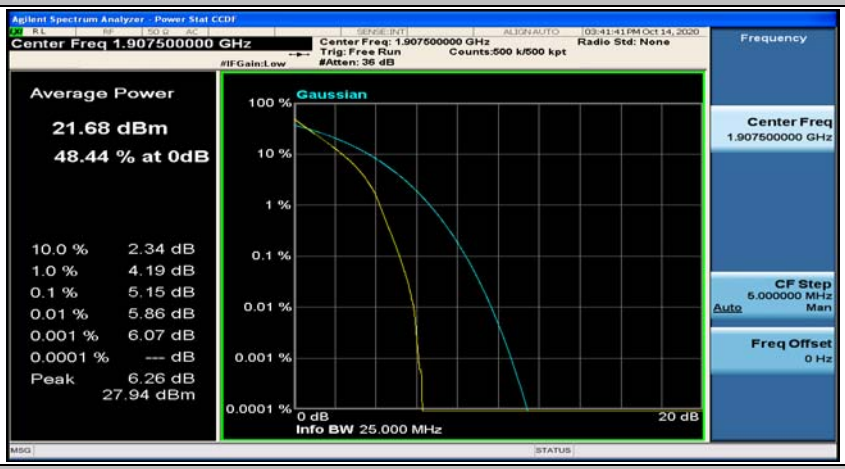
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0




(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37

(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74

(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0




(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18

(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38

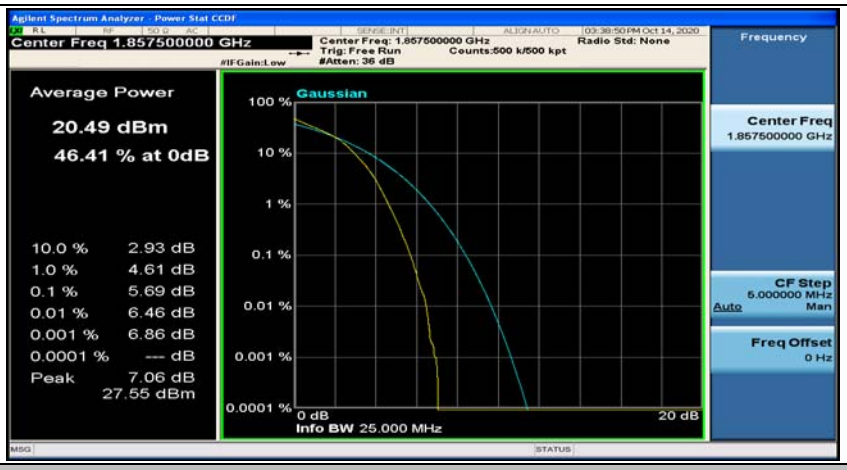
(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0

(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0

(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37

(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74

(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#0

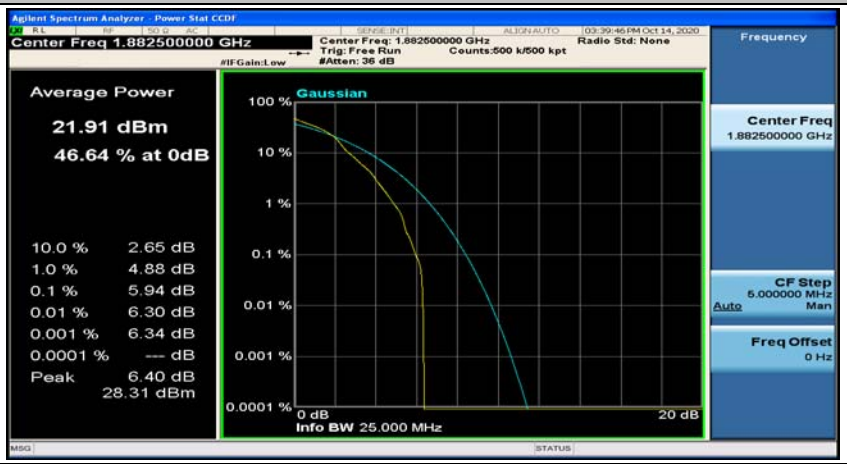



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18

(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38

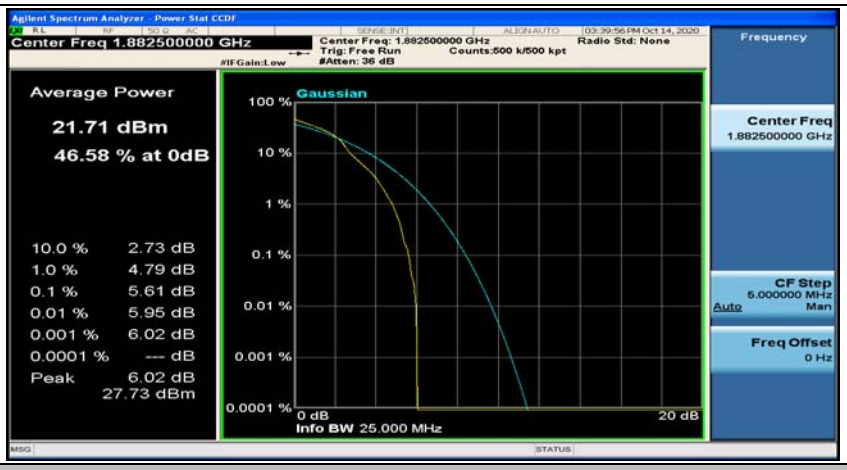
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0

(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0




(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

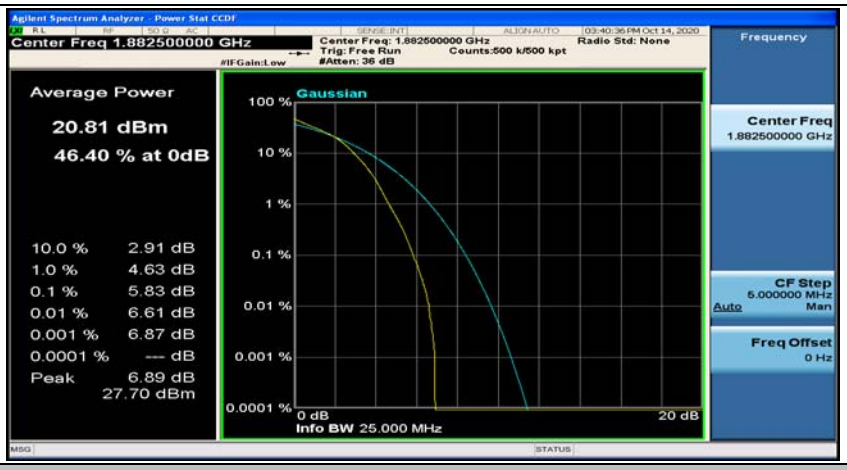
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74




(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0

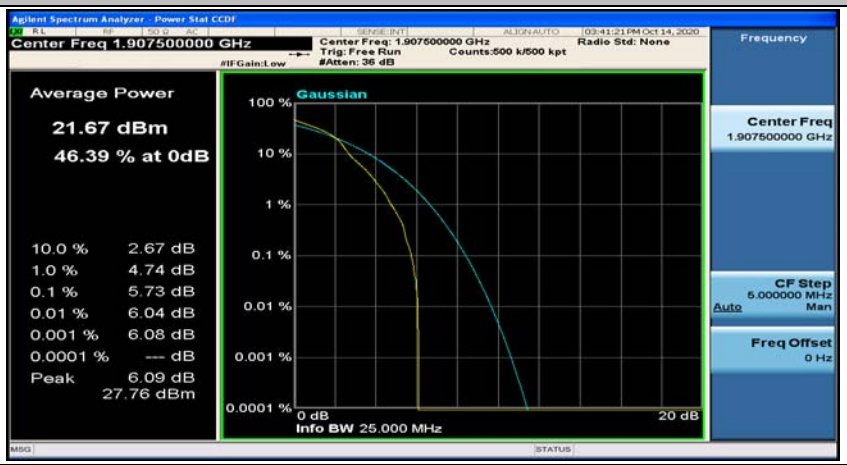
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18

(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38

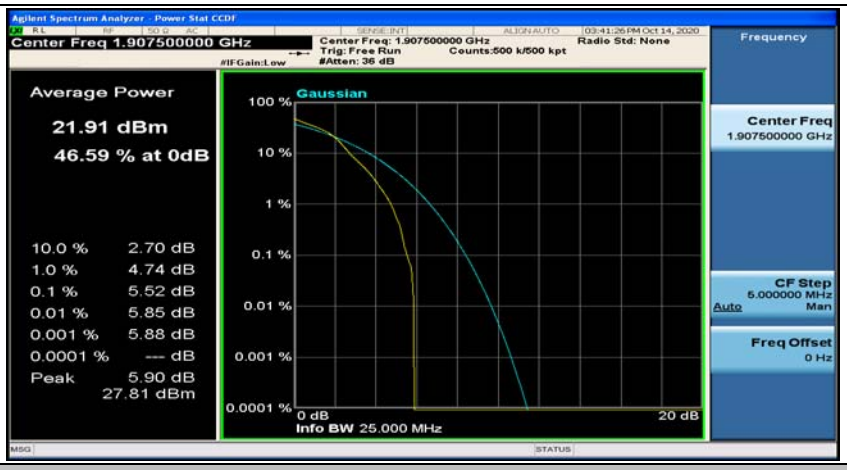



(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0

(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



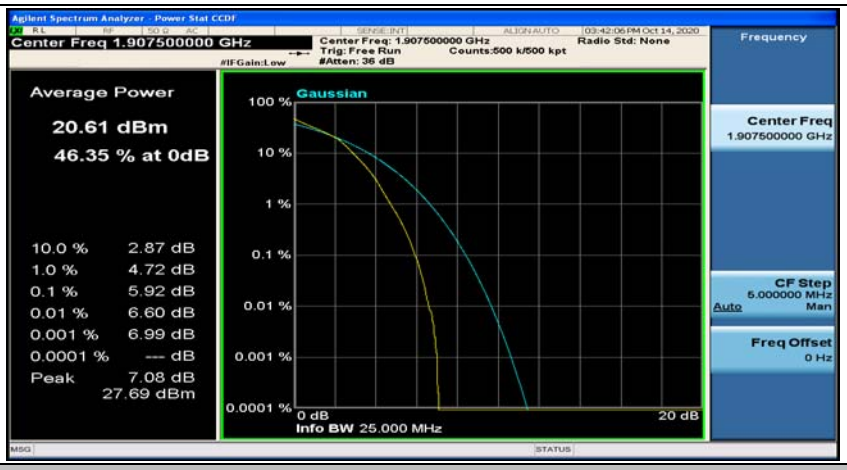

(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



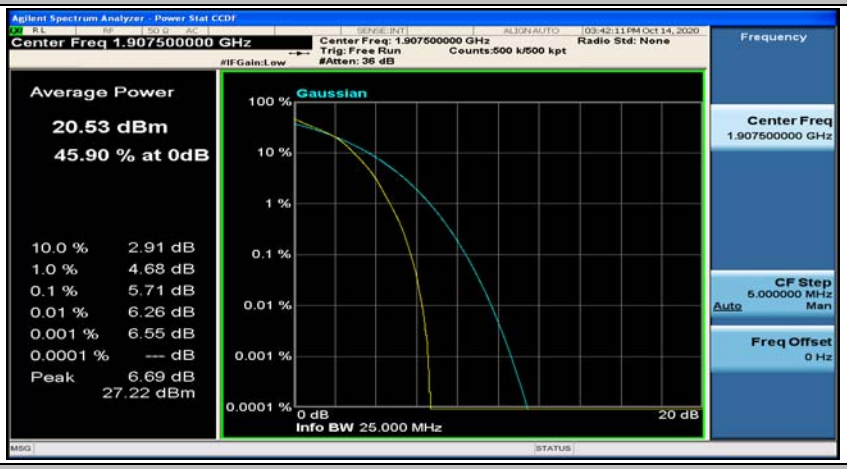

(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74

(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

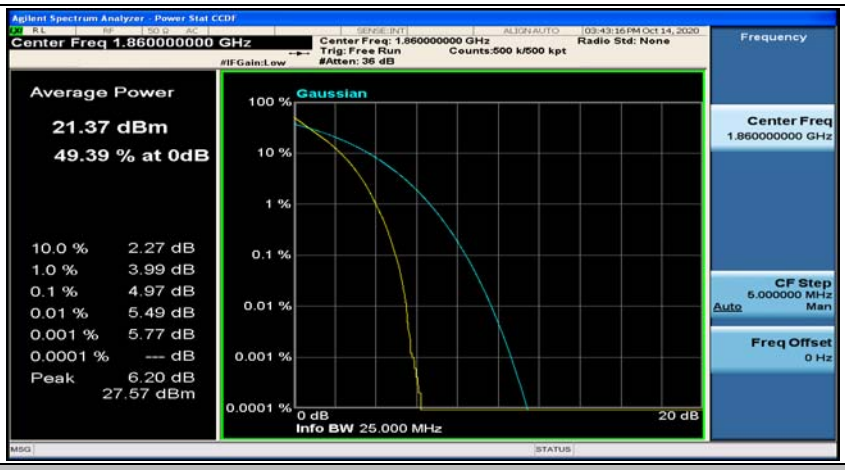
## Channel Bandwidth: 20 MHz

(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0

(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#49

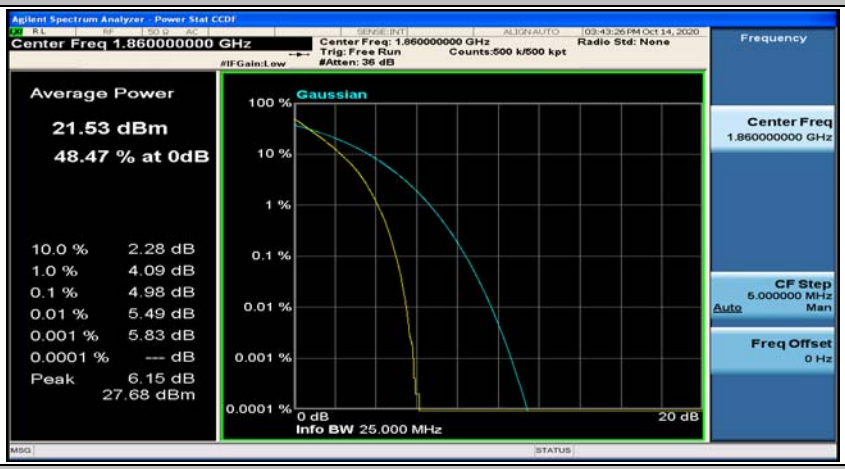
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99

(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#0

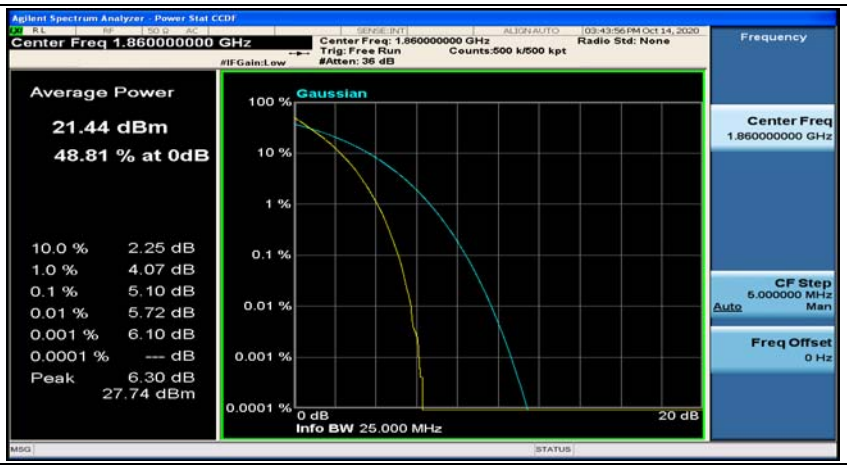



(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25

(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#50




(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



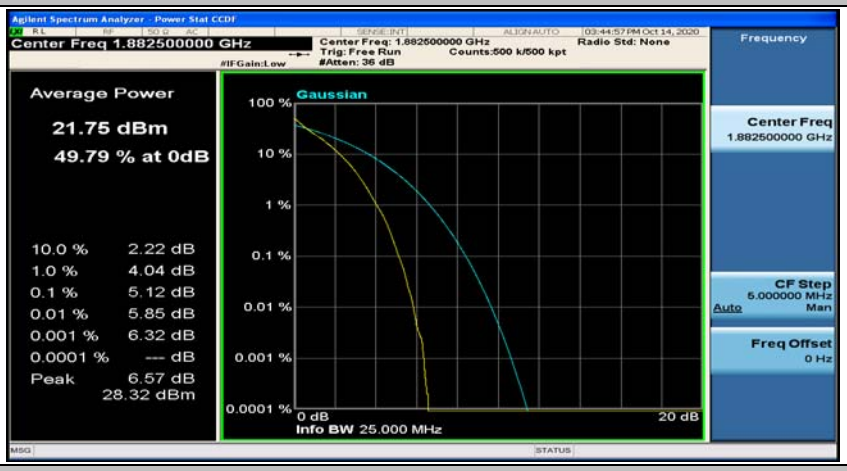

(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0

(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49

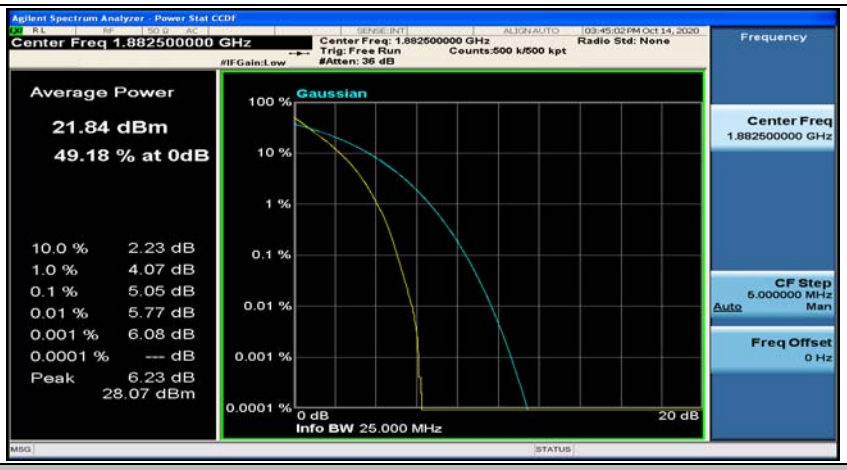
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99

(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#0

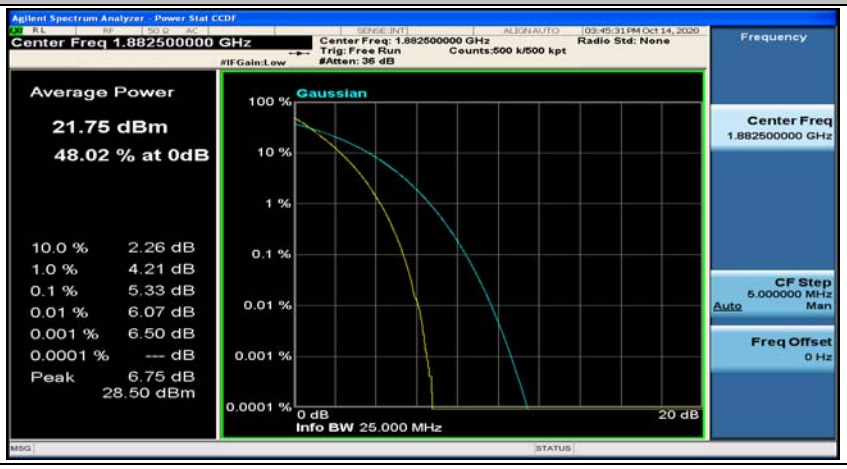
(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#25



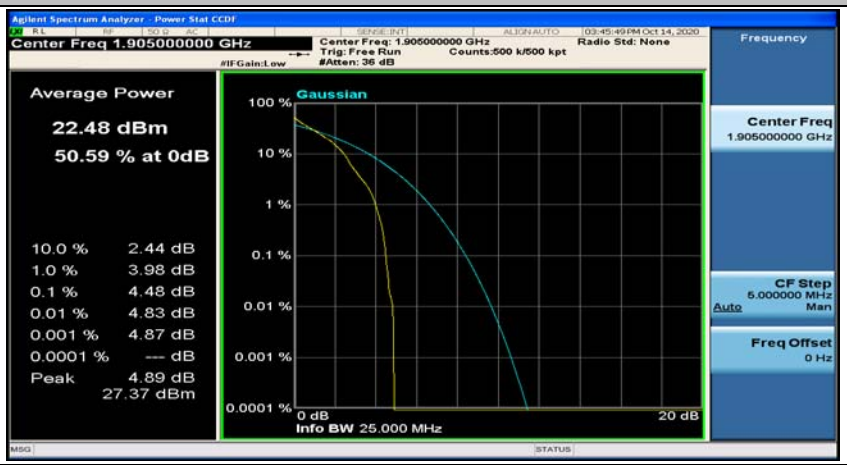

(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#50




(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0



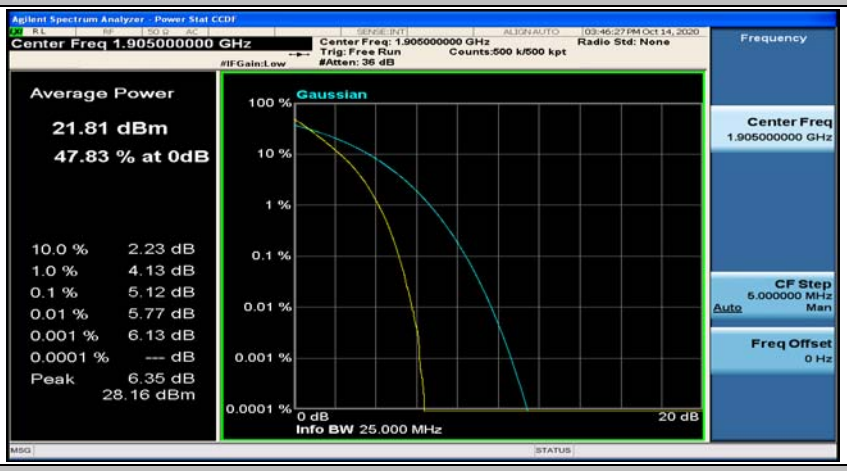

(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0



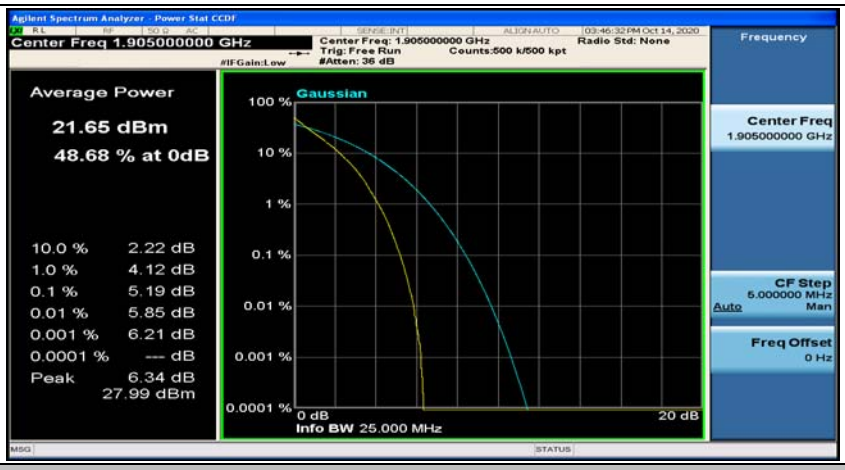

(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49

(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

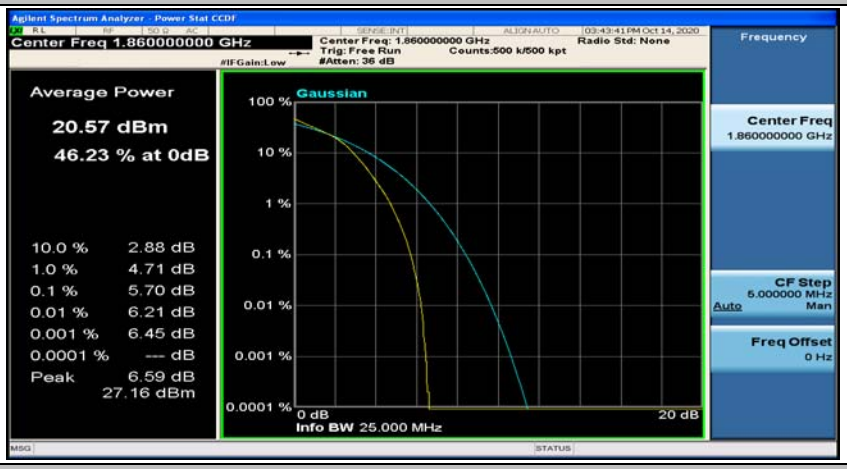
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0

(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49

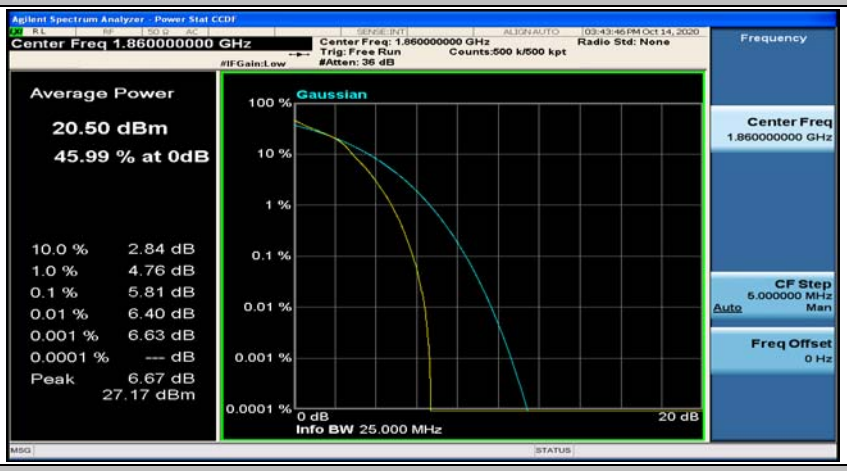
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99

(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#0

(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#25

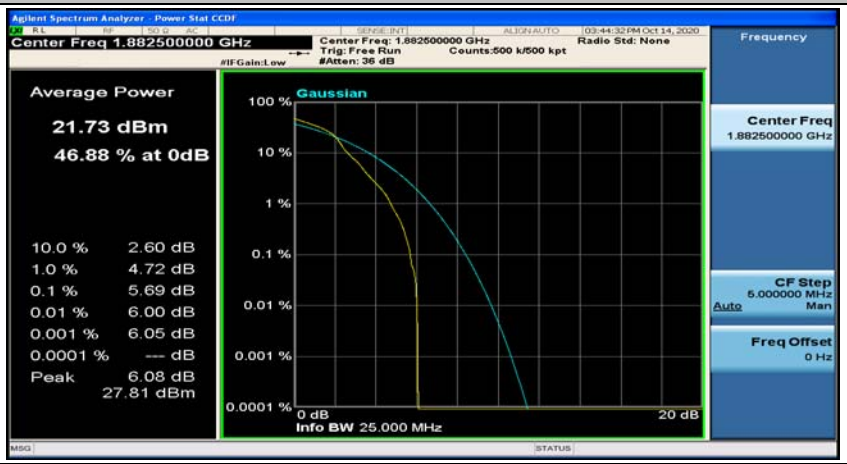



(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#50

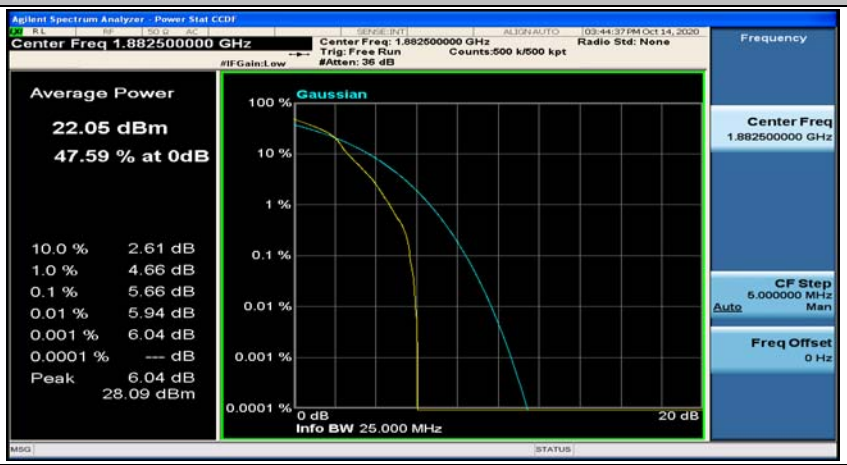



(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0

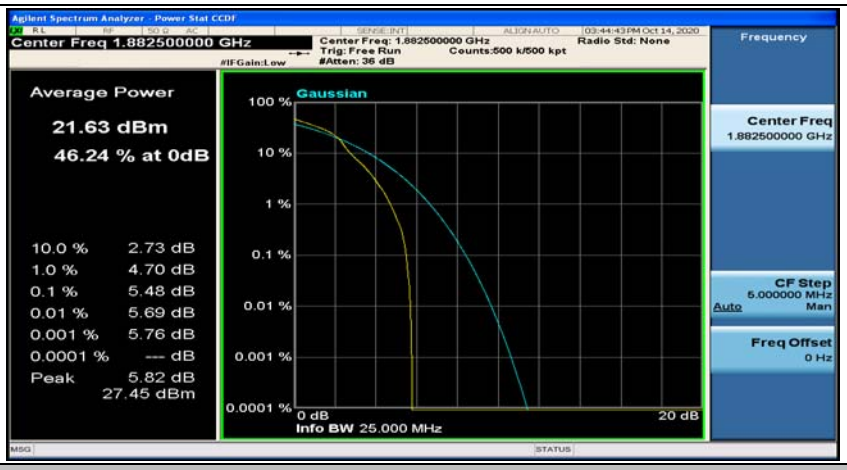
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0




(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49




(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99



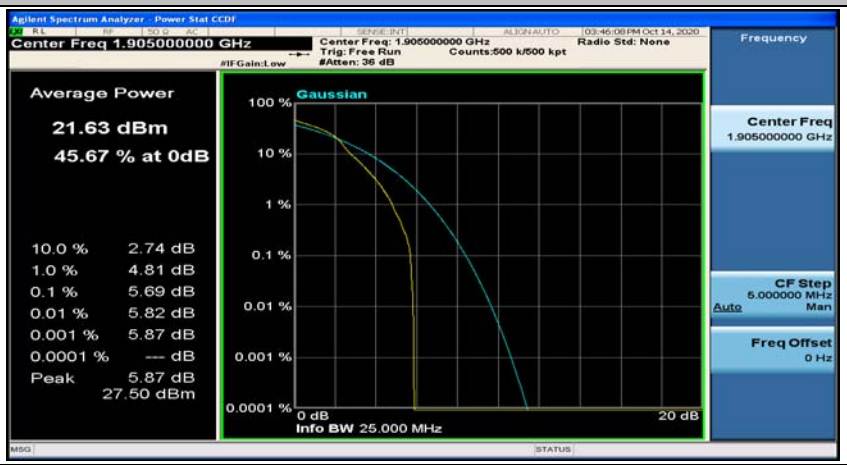

(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#0

(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#25

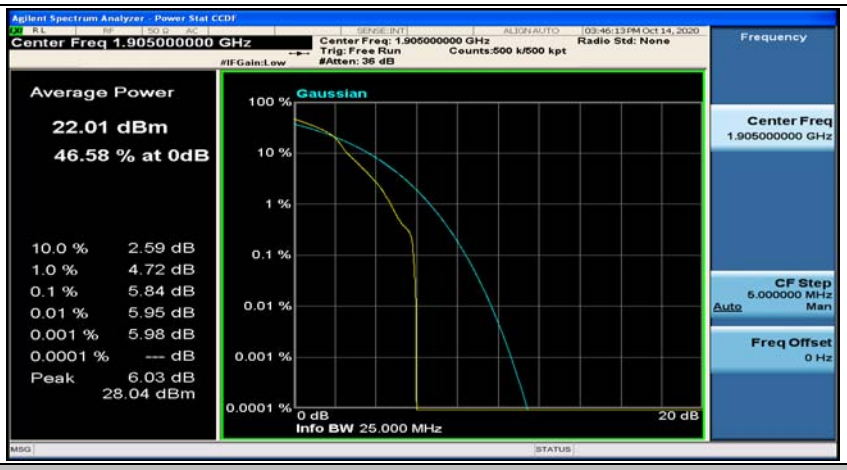
(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#50

(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0

(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



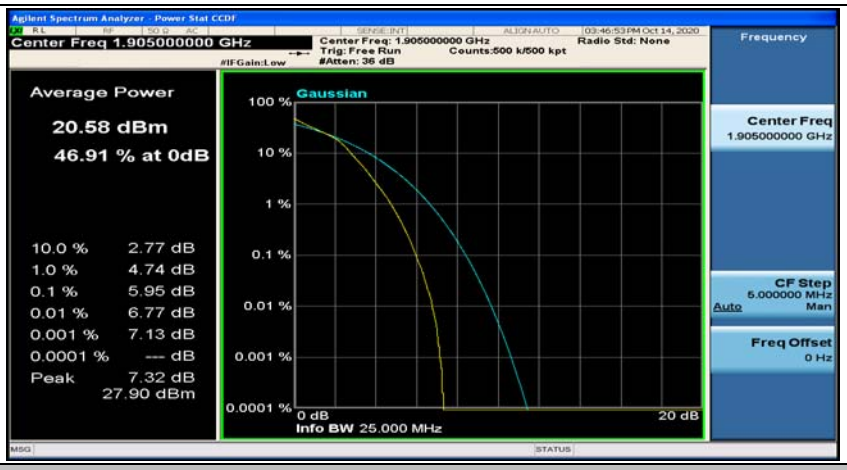

(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49




(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 (MHz) | 26dB Bandwidth (MHz) | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 6 | 0 | 1.0776 | 1.224 | PASS |
| | MCH | 6 | 0 | 1.0748 | 1.225 | PASS |
| | HCH | 6 | 0 | 1.0764 | 1.236 | PASS |
| 16QAM | LCH | 6 | 0 | 1.0758 | 1.232 | PASS |
| | MCH | 6 | 0 | 1.0821 | 1.241 | PASS |
| | HCH | 6 | 0 | 1.0784 | 1.226 | PASS |

### Channel Bandwidth: 3 MHz

| Channel Bandwidth: 3 MHz | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Channel | RB Configuration | | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 15 | 0 | 2.6799 | 2.826 | PASS |
| | MCH | 15 | 0 | 2.6808 | 2.842 | PASS |
| | HCH | 15 | 0 | 2.6755 | 2.820 | PASS |
| 16QAM | LCH | 15 | 0 | 2.6790 | 2.845 | PASS |
| | MCH | 15 | 0 | 2.6809 | 2.846 | PASS |
| | HCH | 15 | 0 | 2.6759 | 2.812 | PASS |

### Channel Bandwidth: 5 MHz

| Channel Bandwidth: 5 MHz | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Channel | RB Configuration | | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 25 | 0 | 4.4727 | 4.936 | PASS |
| | MCH | 25 | 0 | 4.4851 | 4.875 | PASS |
| | HCH | 25 | 0 | 4.4731 | 4.807 | PASS |
| 16QAM | LCH | 25 | 0 | 4.4802 | 4.853 | PASS |
| | MCH | 25 | 0 | 4.4783 | 4.795 | PASS |
| | HCH | 25 | 0 | 4.4702 | 4.902 | PASS |

## Channel Bandwidth: 10 MHz

| Channel Bandwidth: 10 MHz | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Channel | RB Configuration | | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 50 | 0 | 8.9385 | 9.522 | PASS |
| | MCH | 50 | 0 | 8.9486 | 9.623 | PASS |
| | HCH | 50 | 0 | 8.9410 | 9.472 | PASS |
| 16QAM | LCH | 50 | 0 | 8.9296 | 9.469 | PASS |
| | MCH | 50 | 0 | 8.9480 | 9.496 | PASS |
| | HCH | 50 | 0 | 8.9129 | 9.418 | PASS |

## Channel Bandwidth: 15 MHz

| Channel Bandwidth: 15 MHz | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Channel | RB Configuration | | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 75 | 0 | 13.390 | 14.19 | PASS |
| | MCH | 75 | 0 | 13.394 | 14.16 | PASS |
| | HCH | 75 | 0 | 13.394 | 14.01 | PASS |
| 16QAM | LCH | 75 | 0 | 13.383 | 14.01 | PASS |
| | MCH | 75 | 0 | 13.399 | 14.10 | PASS |
| | HCH | 75 | 0 | 13.395 | 14.20 | PASS |

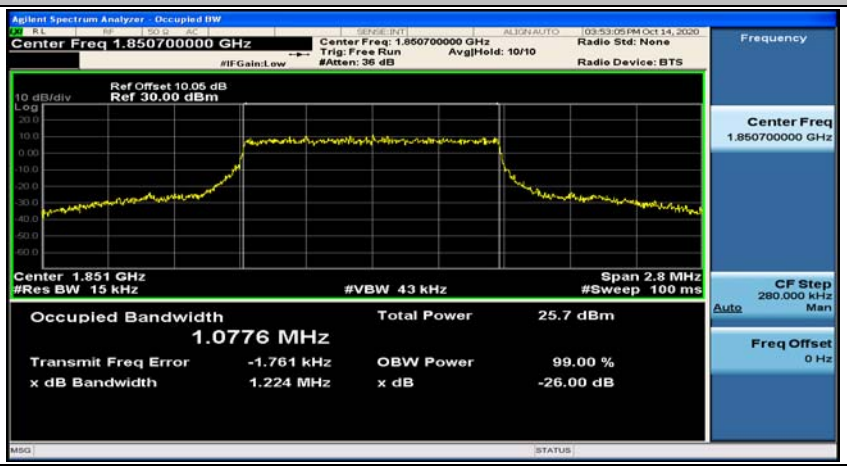
## Channel Bandwidth: 20 MHz

| Channel Bandwidth: 20 MHz | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Channel | RB Configuration | | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 100 | 0 | 17.821 | 18.58 | PASS |
| | MCH | 100 | 0 | 17.882 | 18.63 | PASS |
| | HCH | 100 | 0 | 17.889 | 18.61 | PASS |
| 16QAM | LCH | 100 | 0 | 17.825 | 18.60 | PASS |
| | MCH | 100 | 0 | 17.863 | 18.86 | PASS |
| | HCH | 100 | 0 | 17.865 | 18.69 | PASS |

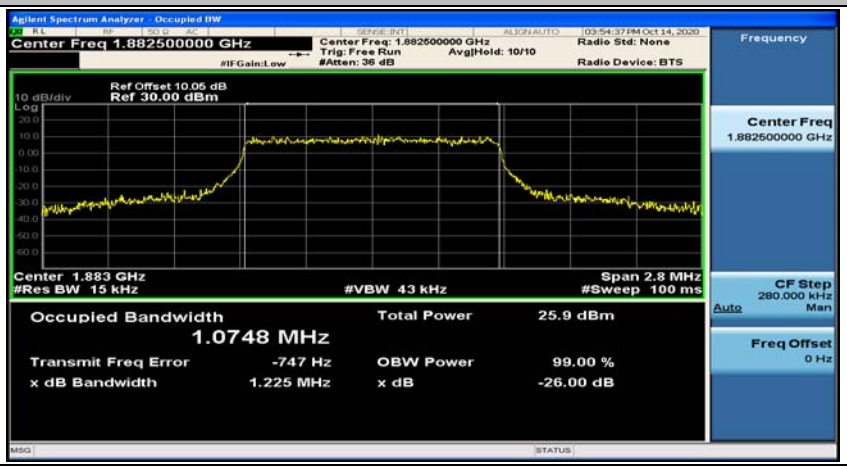
## Test Graphs

## Channel Bandwidth: 1.4 MHz

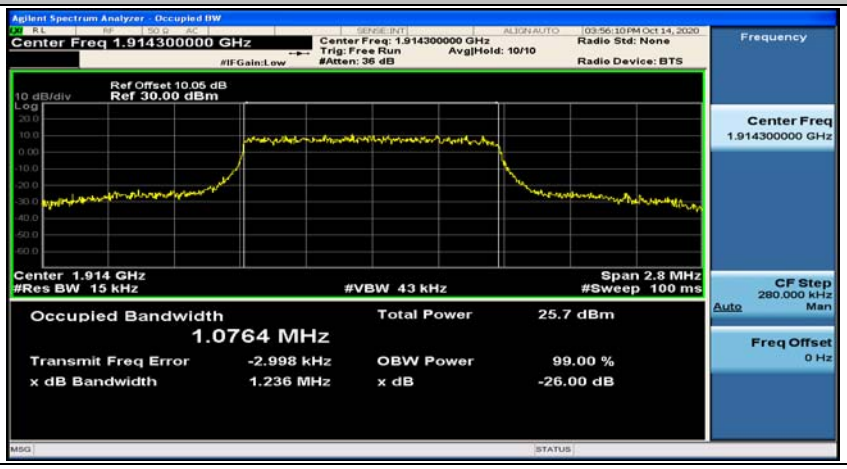
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



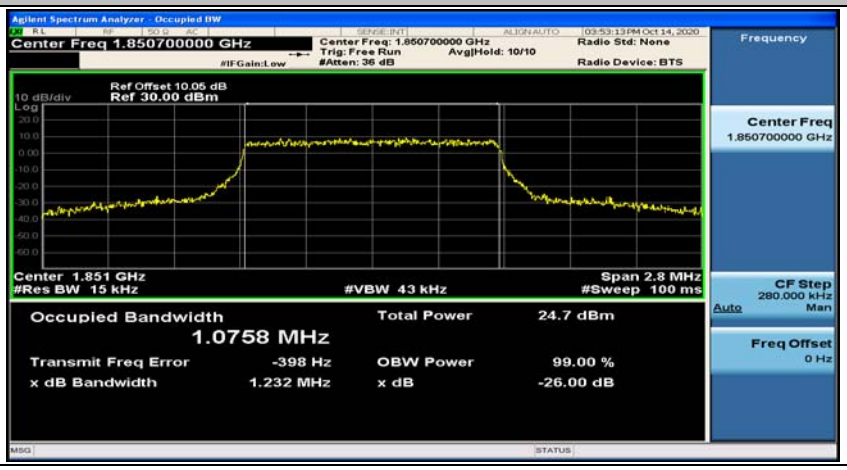

(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



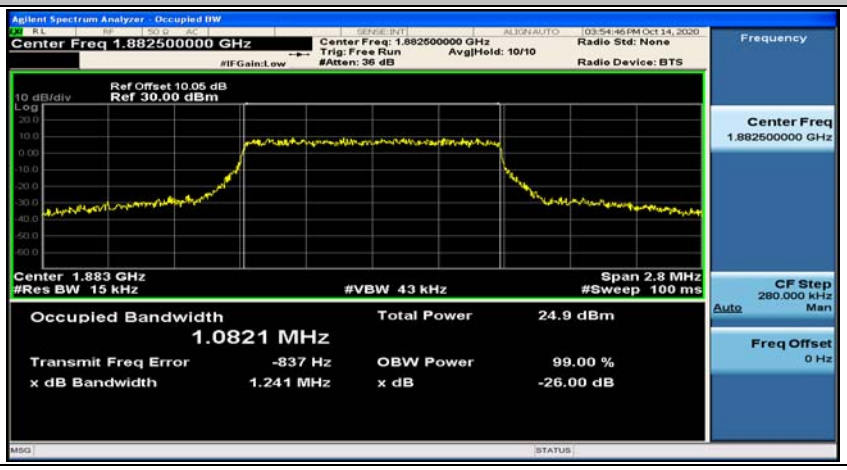

(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



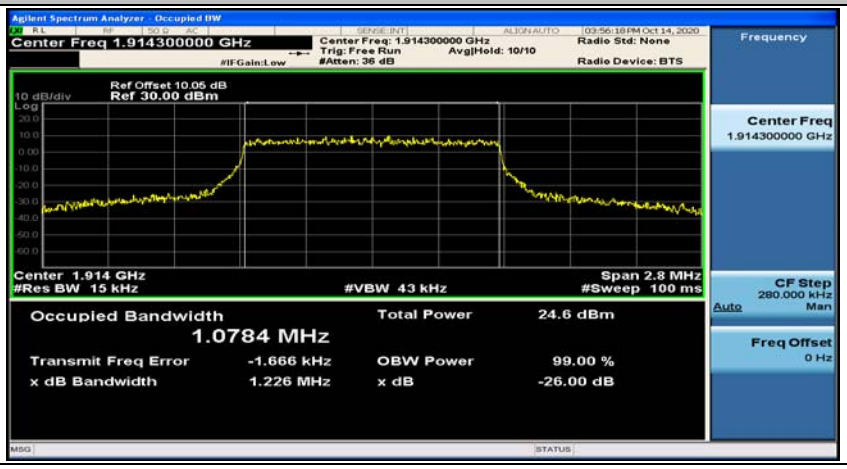
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0




(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0

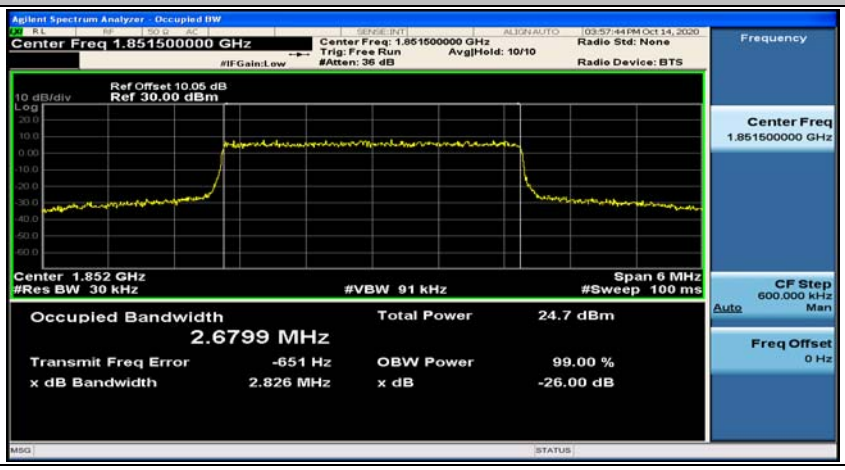



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

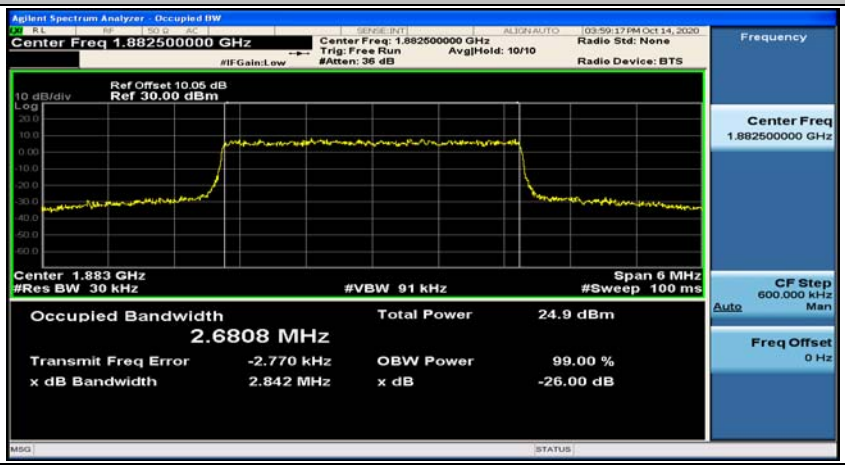


## Channel Bandwidth: 3 MHz

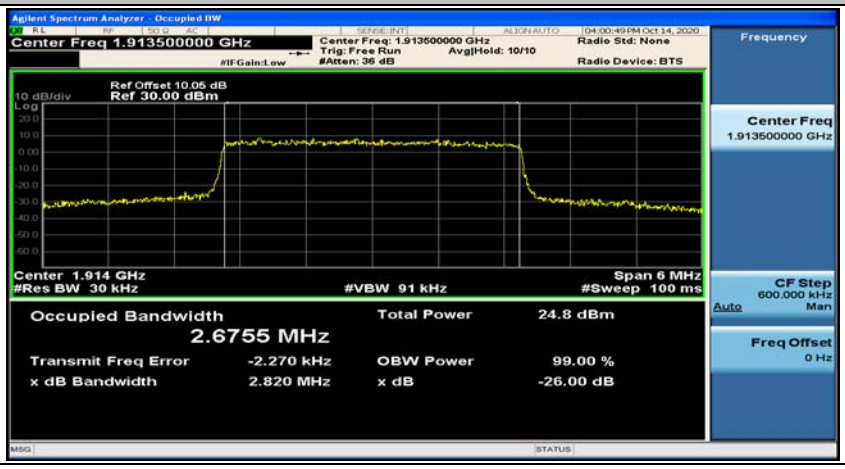
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



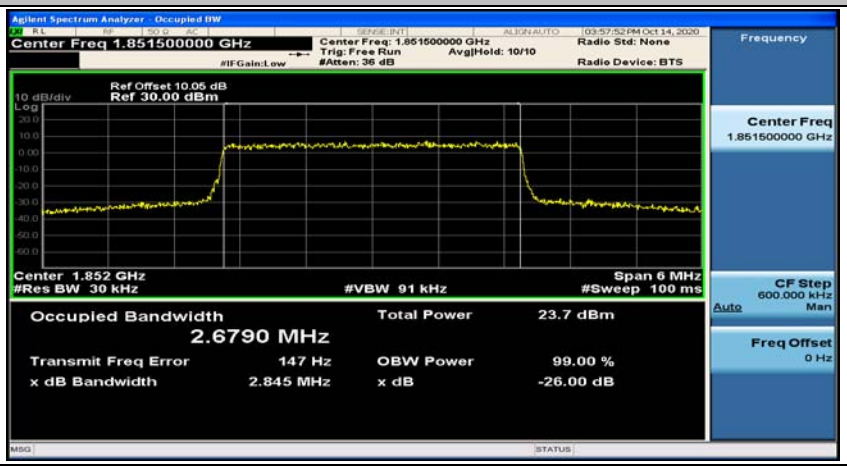

(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



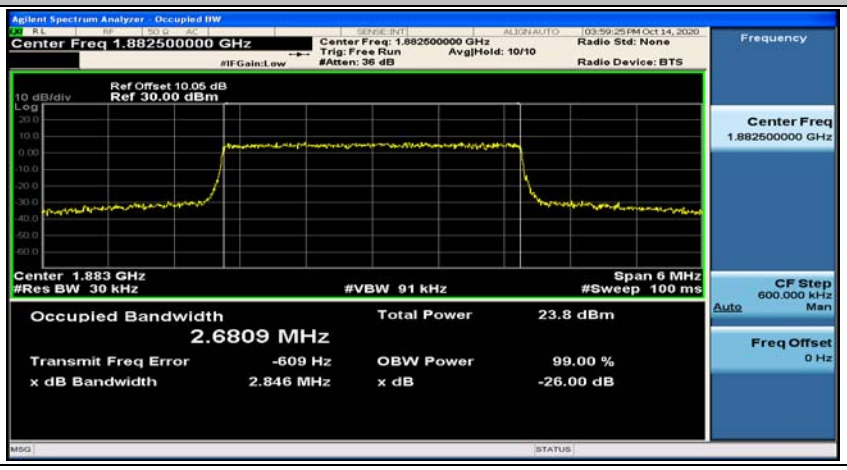

(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



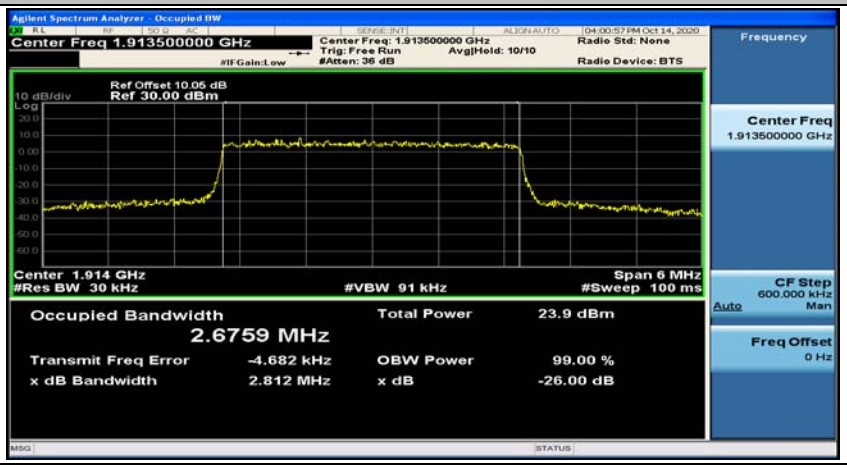
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0




(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0

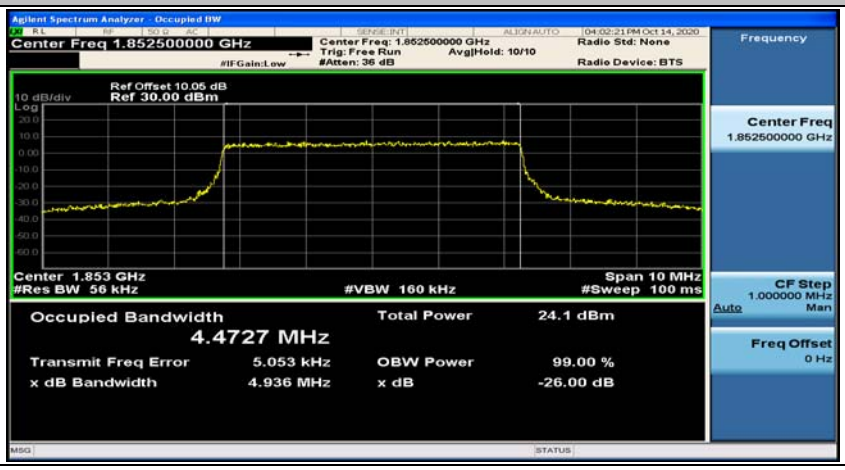



(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

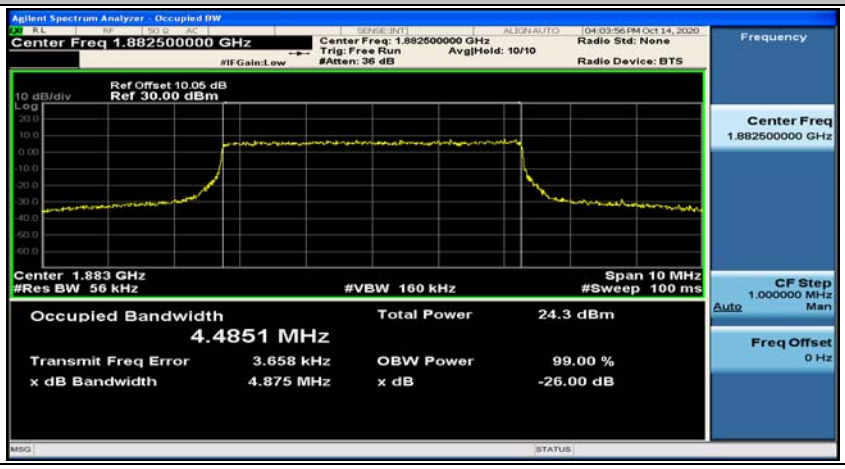


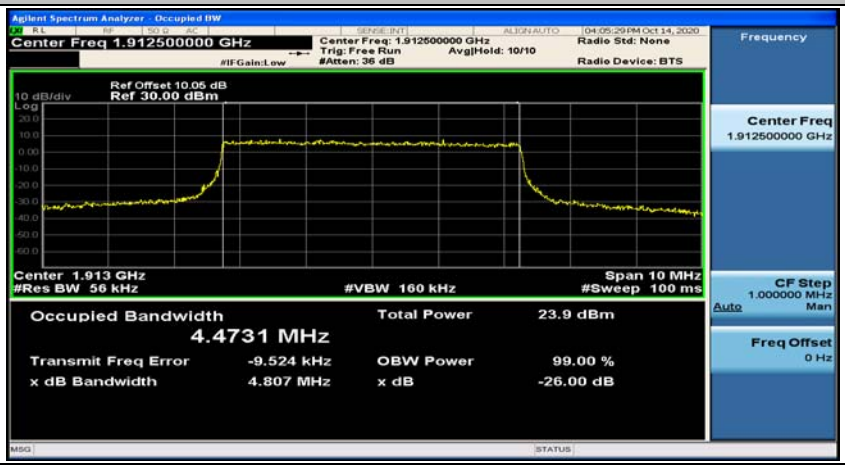
## Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0




(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0




(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0