# 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 | 1.0775 | 1.225 | PASS |
| | MCH | 6 | 0 | 1.0761 | 1.202 | PASS |
| | HCH | 6 | 0 | 1.0775 | 1.218 | PASS |
| 16QAM | LCH | 6 | 0 | 1.0810 | 1.233 | PASS |
| | MCH | 6 | 0 | 1.0798 | 1.220 | PASS |
| | HCH | 6 | 0 | 1.0775 | 1.212 | 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 | 2.6821 | 2.874 | PASS |
| | MCH | 15 | 0 | 2.6827 | 2.872 | PASS |
| | HCH | 15 | 0 | 2.6825 | 2.870 | PASS |
| 16QAM | LCH | 15 | 0 | 2.6850 | 2.858 | PASS |
| | MCH | 15 | 0 | 2.6836 | 2.867 | PASS |
| | HCH | 15 | 0 | 2.6855 | 2.858 | 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 | 4.4818 | 4.818 | PASS |
| | MCH | 25 | 0 | 4.4895 | 4.830 | PASS |
| | HCH | 25 | 0 | 4.4749 | 4.816 | PASS |
| 16QAM | LCH | 25 | 0 | 4.4825 | 4.821 | PASS |
| | MCH | 25 | 0 | 4.4736 | 4.832 | PASS |
| | HCH | 25 | 0 | 4.4854 | 4.866 | 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 | 8.9379 | 9.527 | PASS |
| | MCH | 50 | 0 | 8.9278 | 9.466 | PASS |
| | HCH | 50 | 0 | 8.9274 | 9.455 | PASS |
| 16QAM | LCH | 50 | 0 | 8.9376 | 9.483 | PASS |
| | MCH | 50 | 0 | 8.9360 | 9.565 | PASS |
| | HCH | 50 | 0 | 8.9369 | 9.406 | 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 | 13.414 | 14.21 | PASS |
| | MCH | 75 | 0 | 13.405 | 14.14 | PASS |
| | HCH | 75 | 0 | 13.396 | 14.03 | PASS |
| 16QAM | LCH | 75 | 0 | 13.422 | 14.06 | PASS |
| | MCH | 75 | 0 | 13.405 | 14.06 | PASS |
| | HCH | 75 | 0 | 13.413 | 14.08 | PASS |

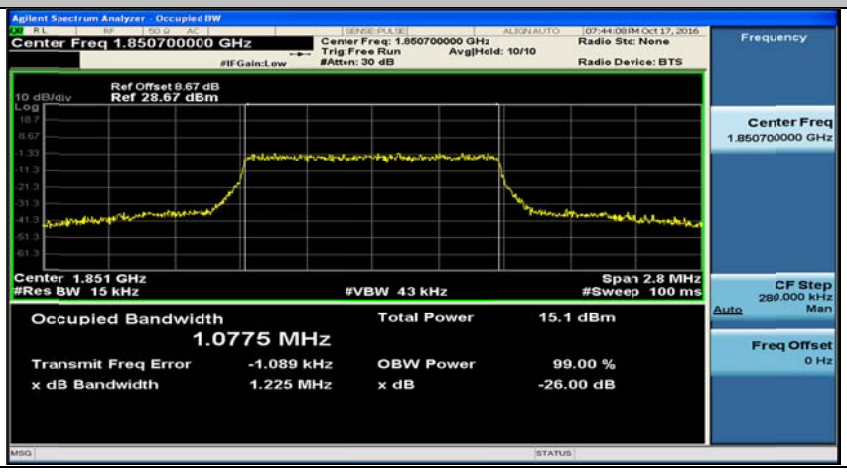
## Channel Bandwidth: 20 MHz

| Channel Bandwidth: 20 MHz | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Channel | RB Configuration | | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 100 | 0 | 17.874 | 18.72 | PASS |
| | MCH | 100 | 0 | 17.862 | 18.66 | PASS |
| | HCH | 100 | 0 | 17.893 | 18.59 | PASS |
| 16QAM | LCH | 100 | 0 | 17.888 | 18.63 | PASS |
| | MCH | 100 | 0 | 17.860 | 18.67 | PASS |
| | HCH | 100 | 0 | 17.872 | 18.58 | PASS |

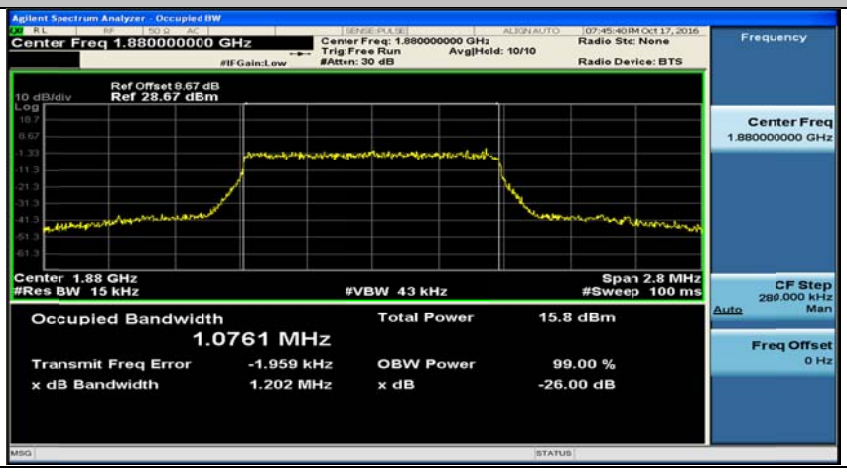
## Test Graphs

## Channel Bandwidth: 1.4 MHz

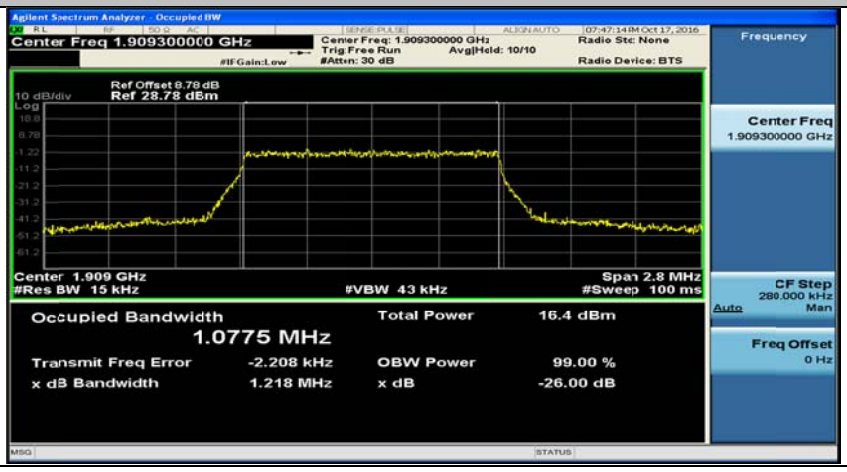
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



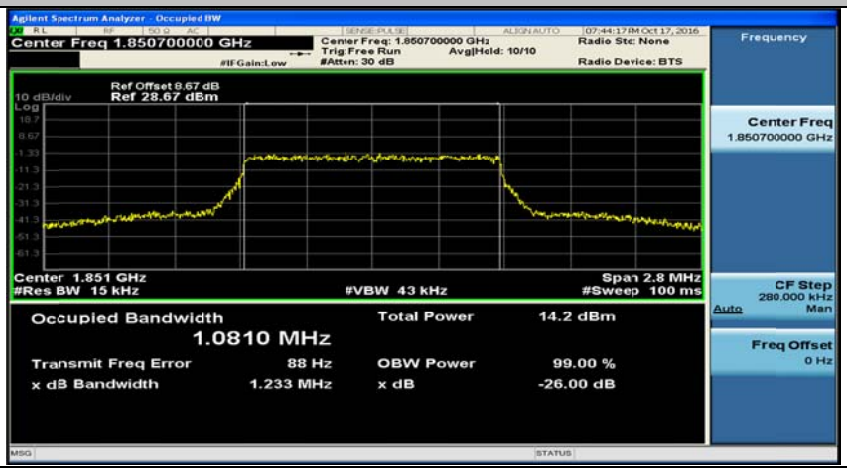

(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



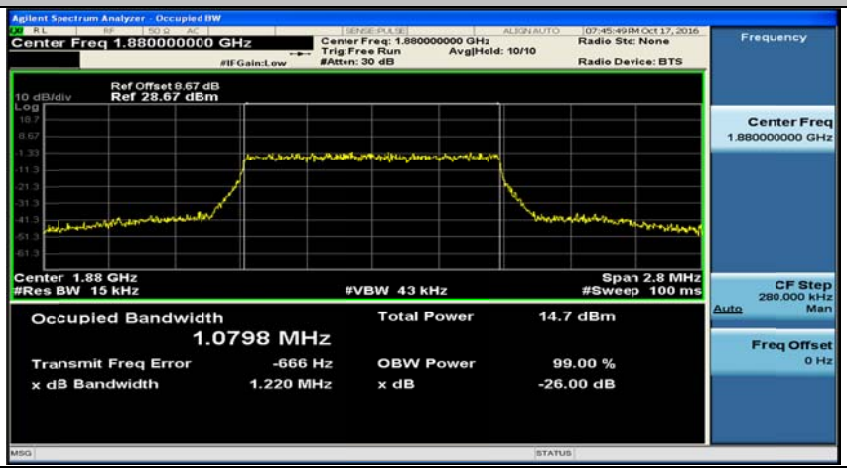

(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



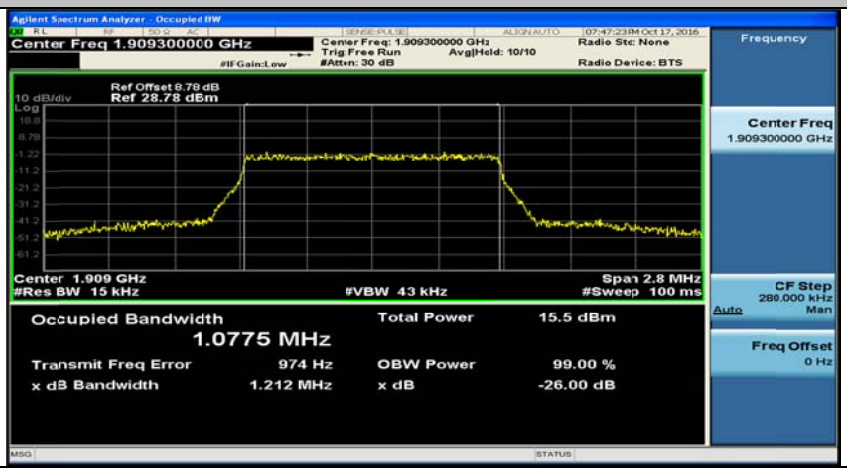
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0




(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0

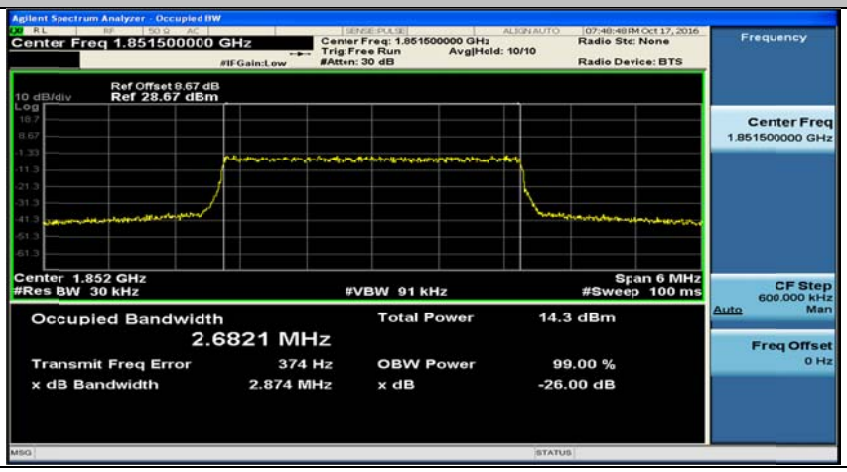



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

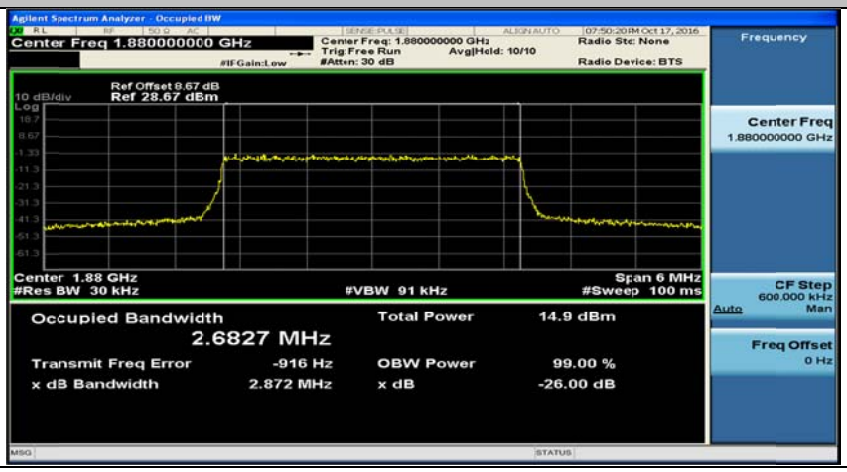


## Channel Bandwidth: 3 MHz

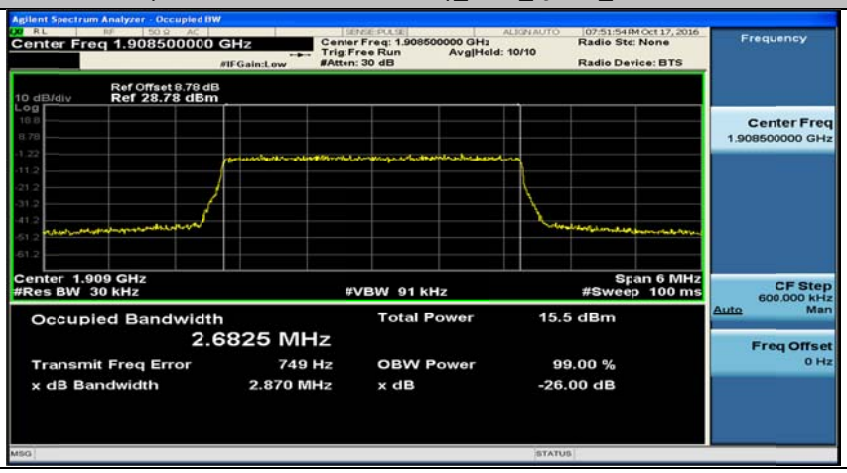
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



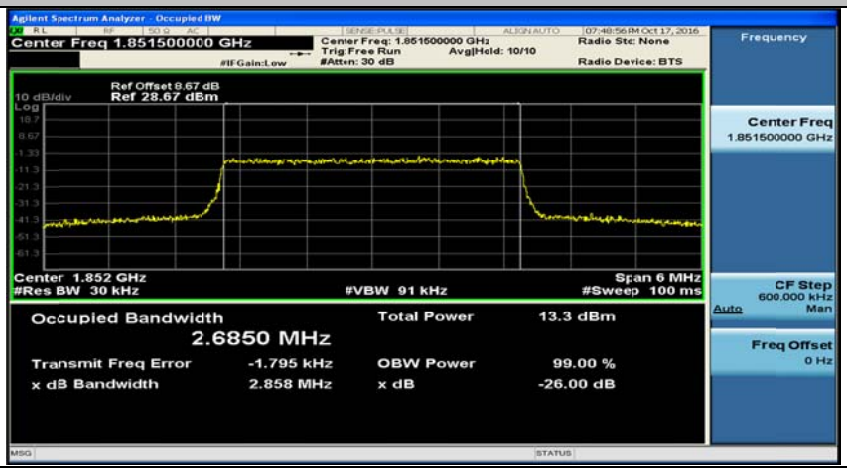

(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



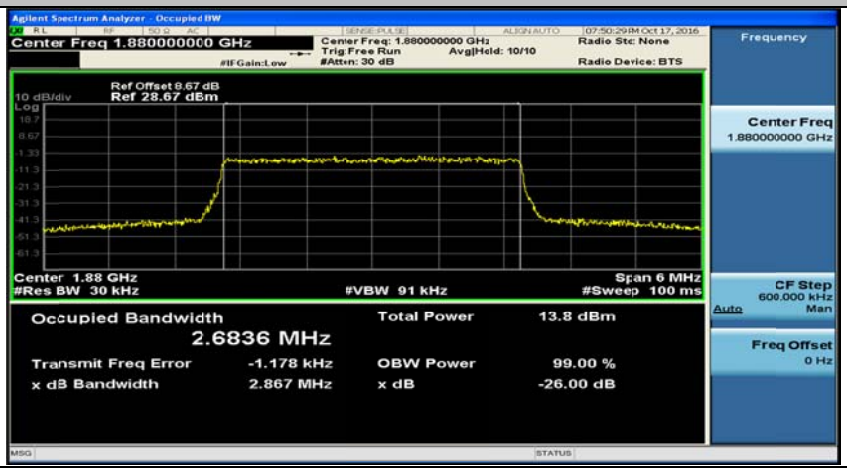

(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



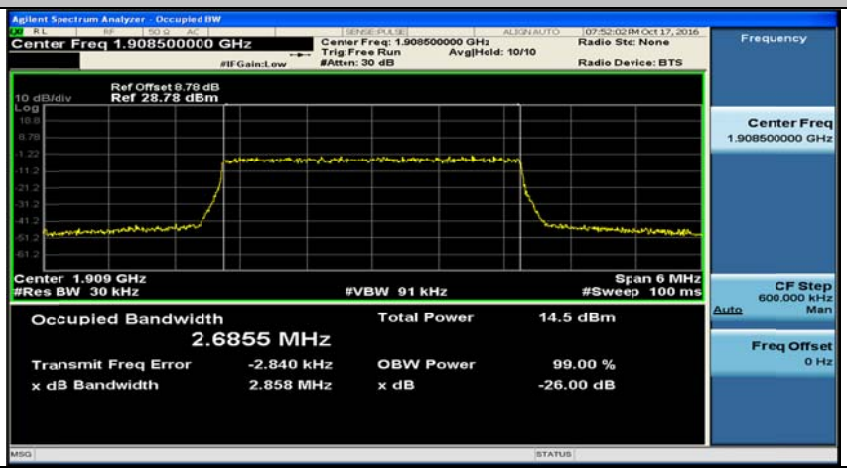
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0




(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0

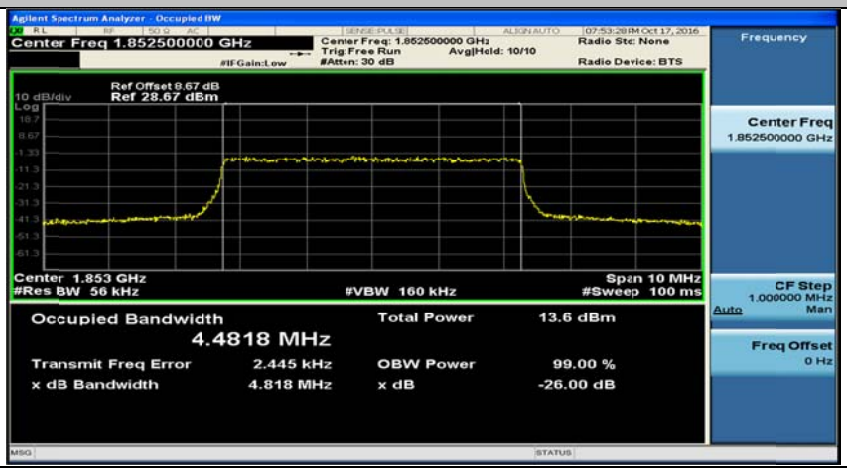



(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

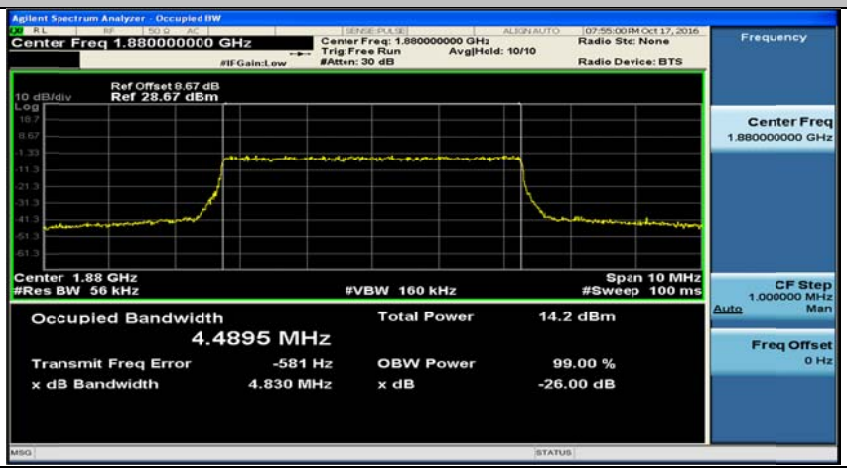


## Channel Bandwidth: 5 MHz

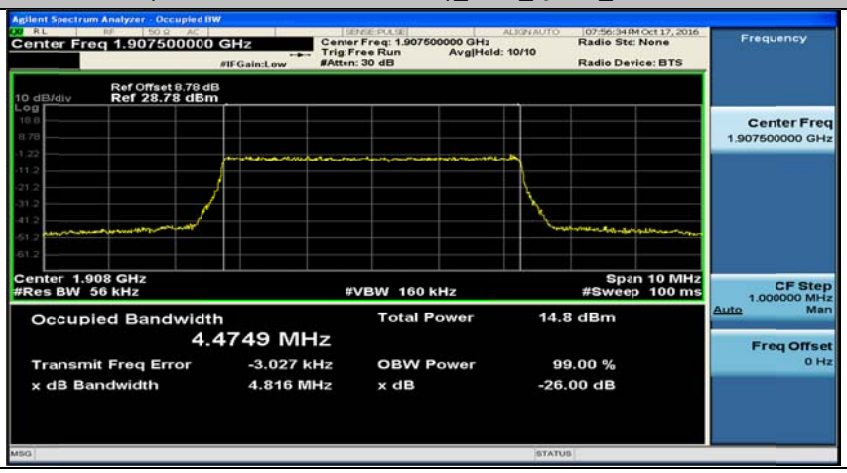
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



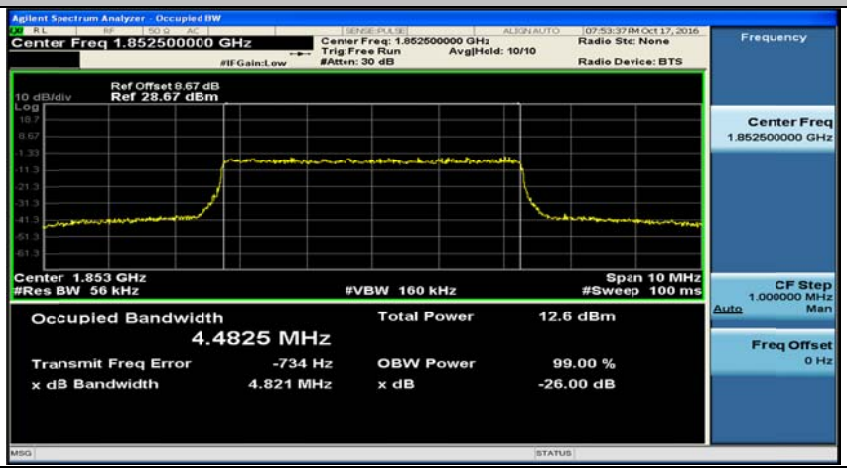

(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



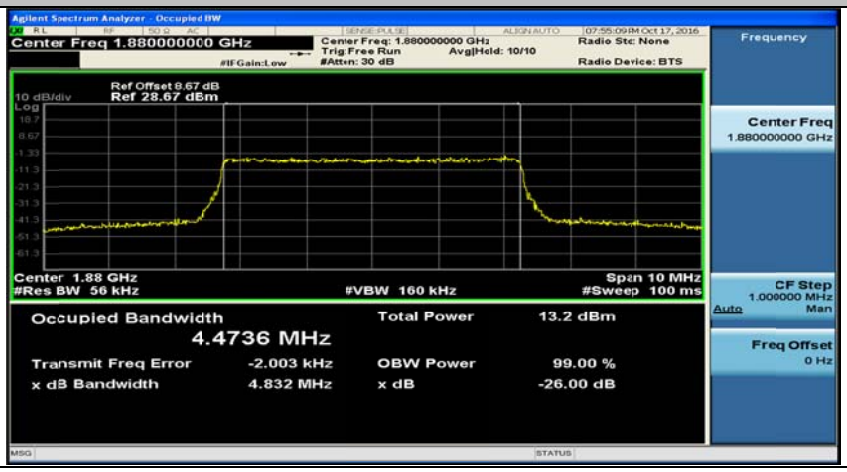

(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



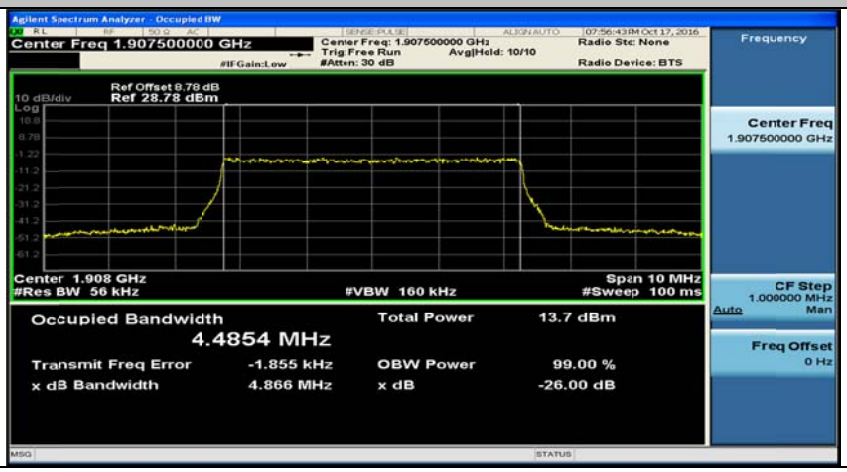
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0




(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

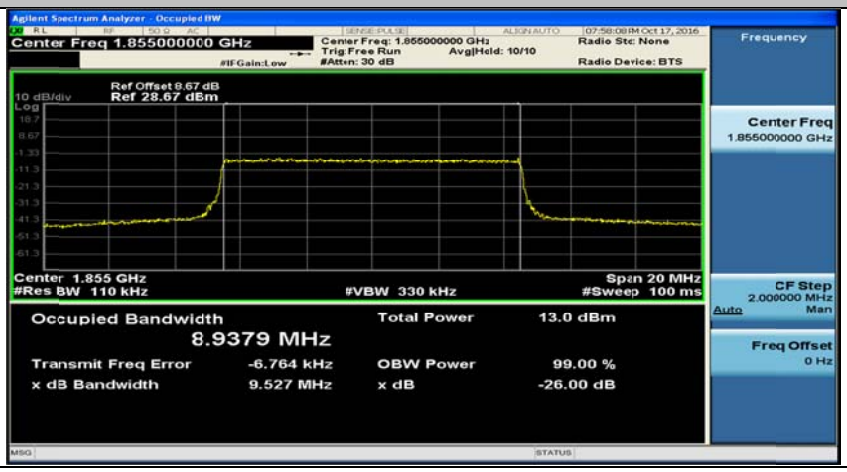



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

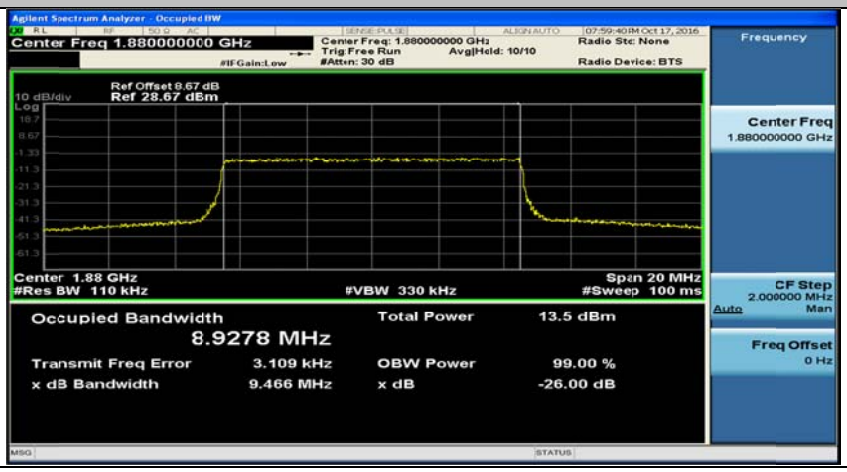


## Channel Bandwidth: 10 MHz

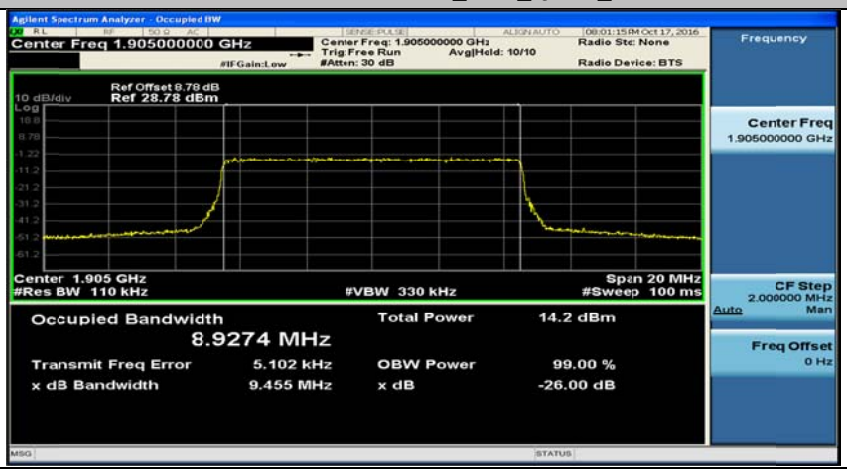
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



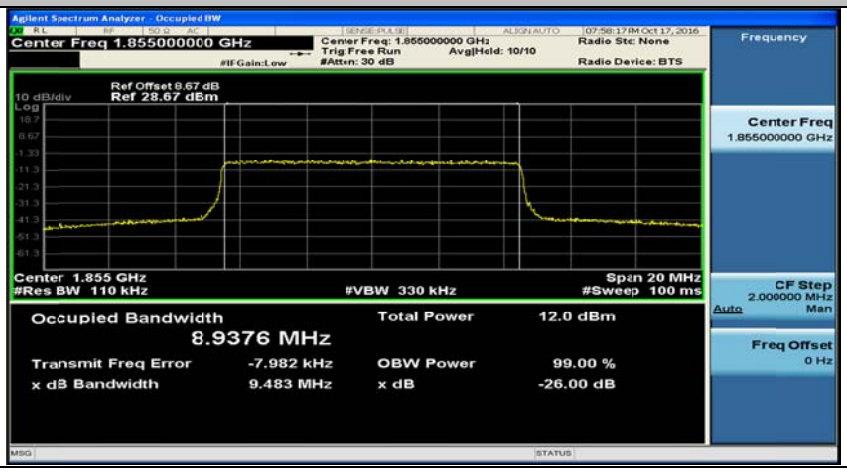

Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



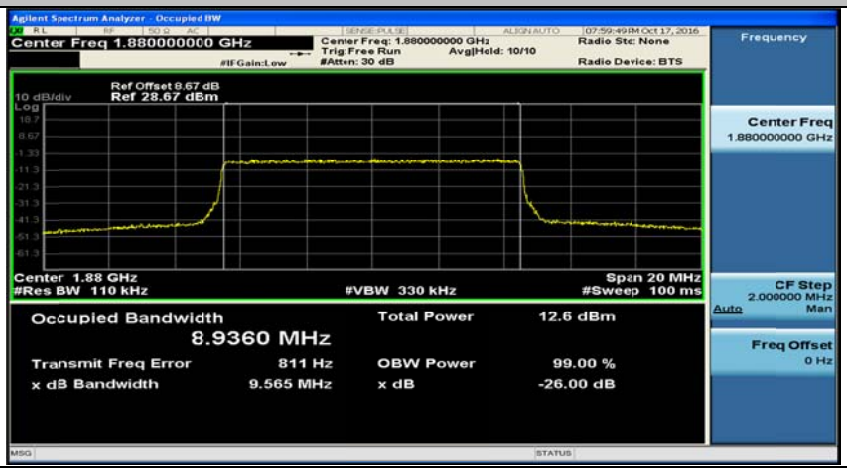

Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



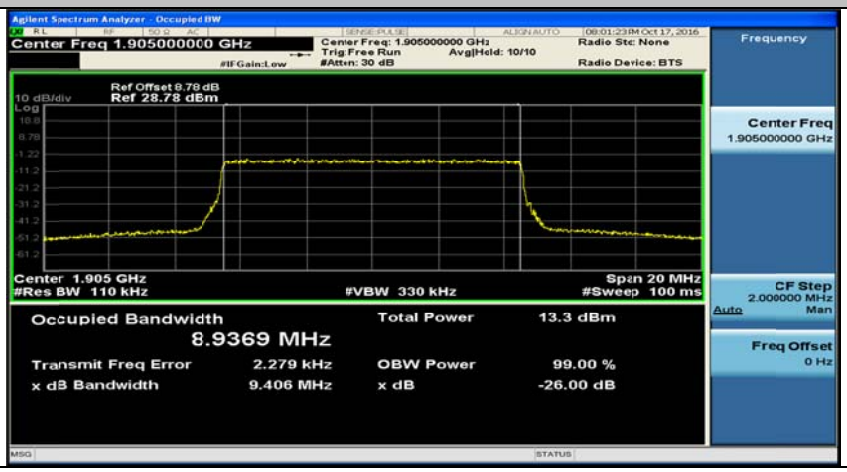
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0




Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

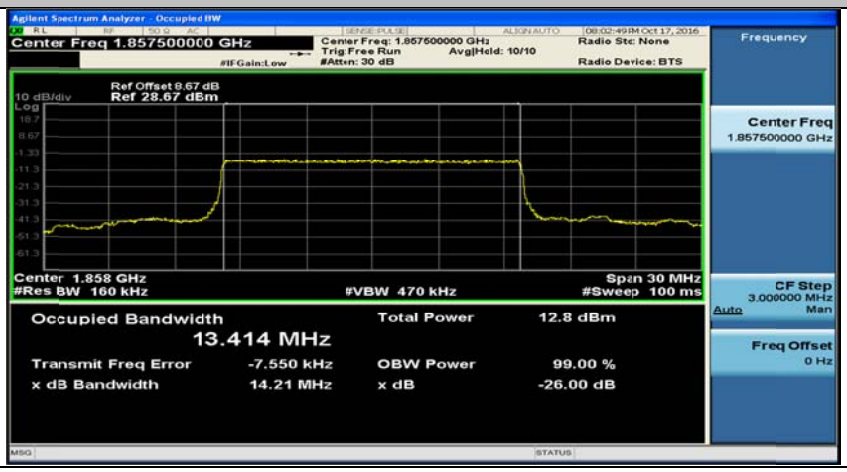



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

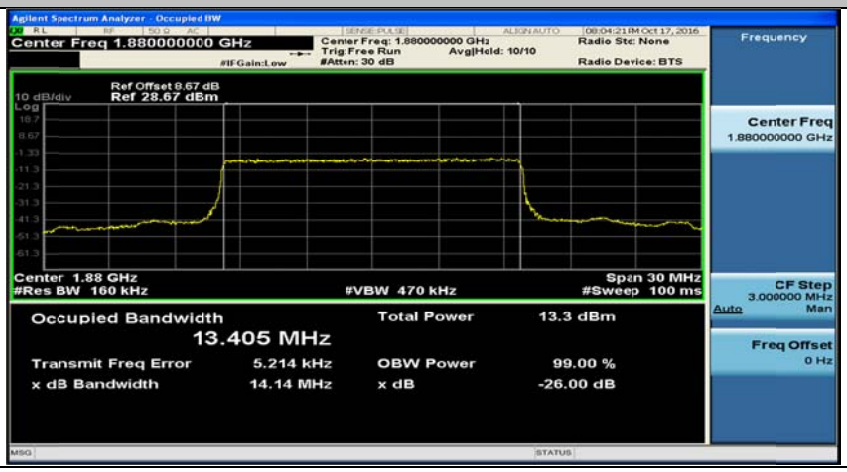


## Channel Bandwidth: 15 MHz

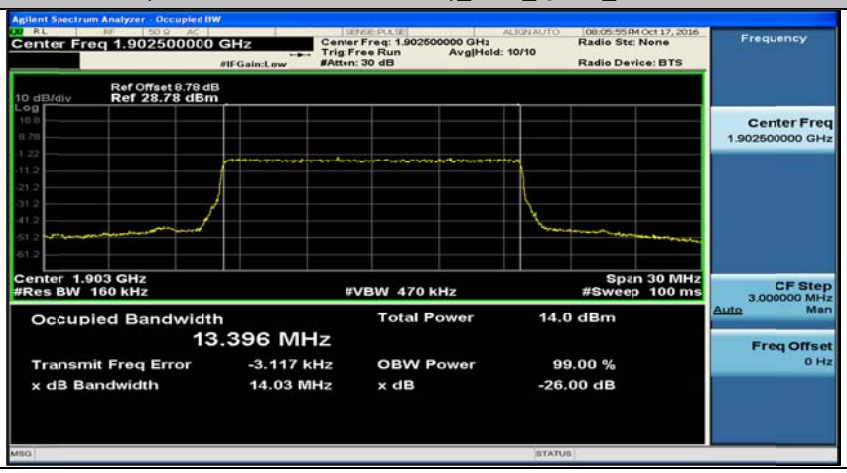
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



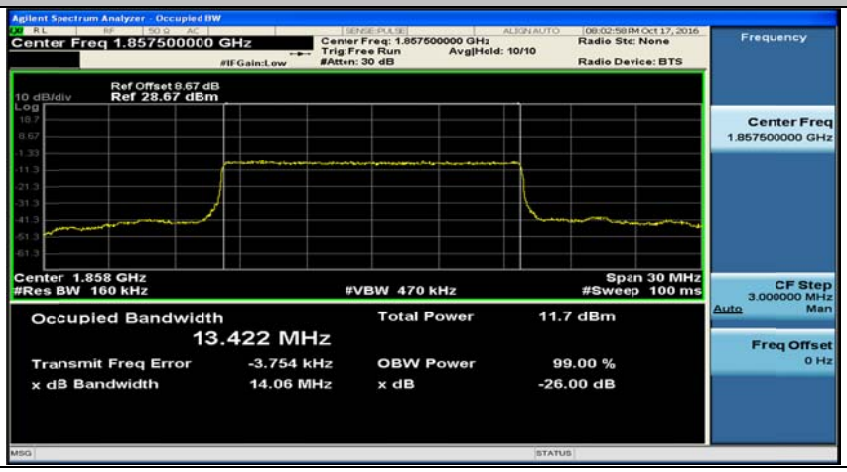

(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



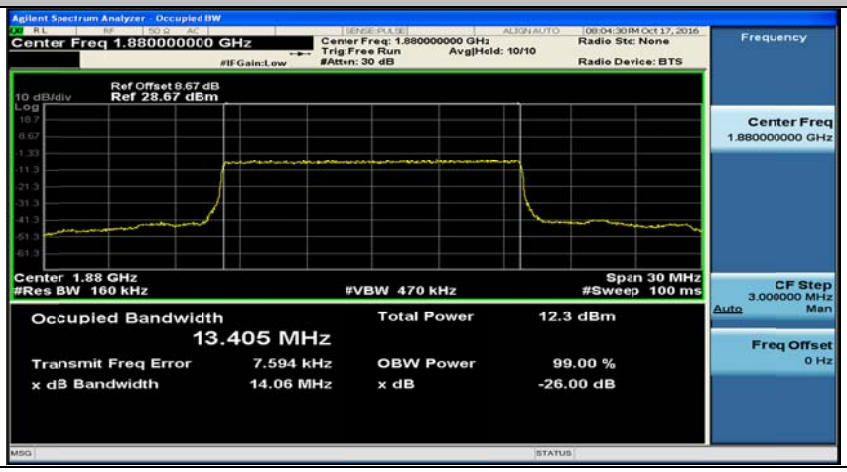

(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



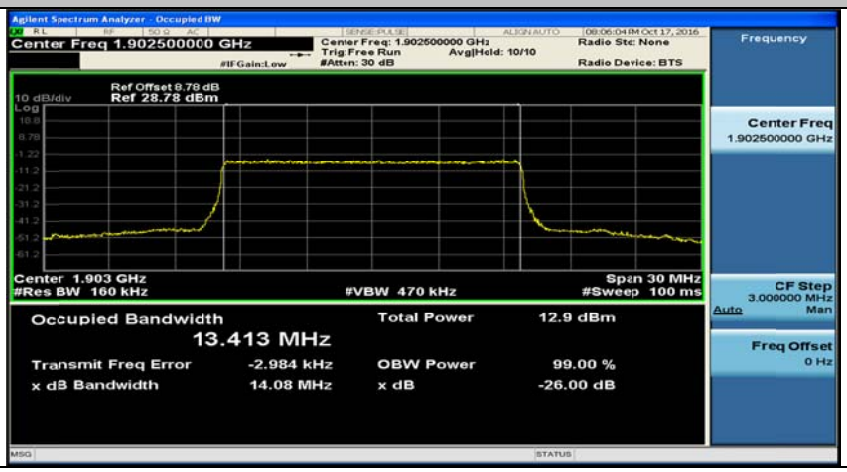
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0




(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0

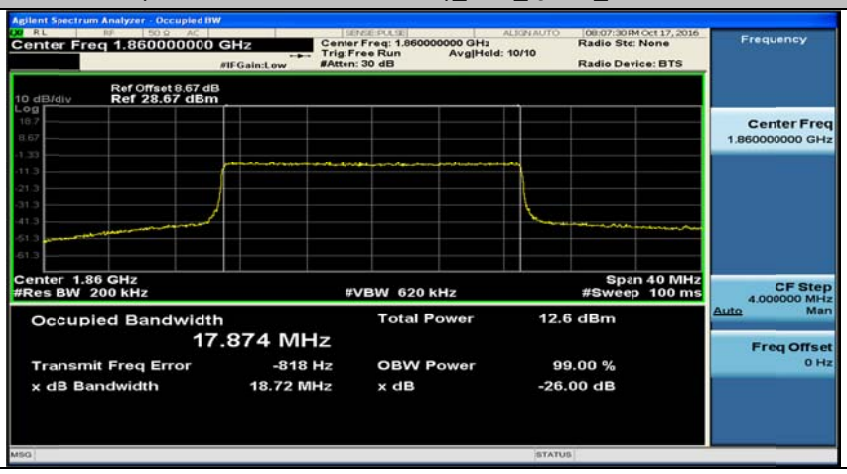



(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

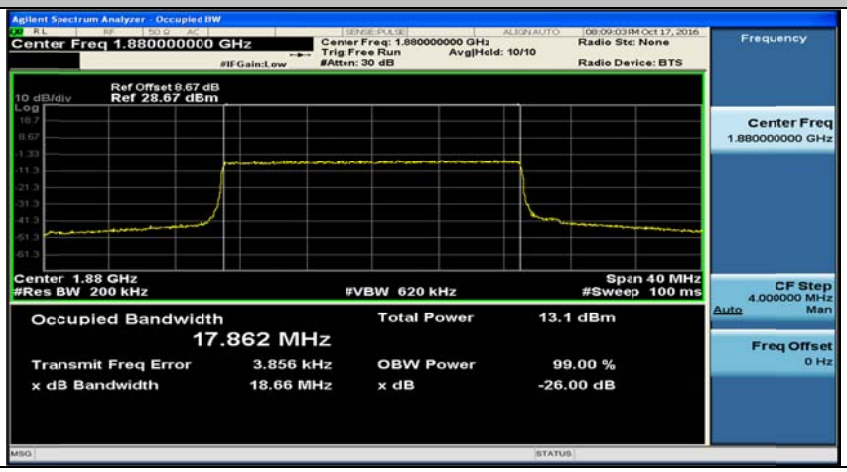


## Channel Bandwidth: 20 MHz

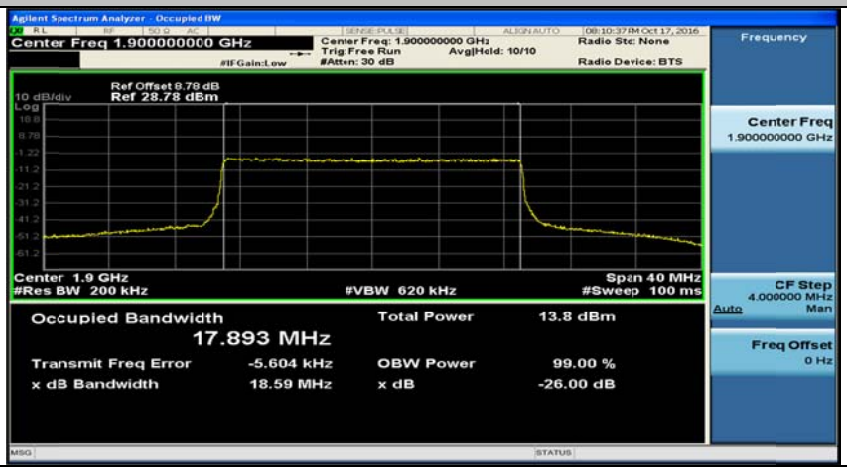
(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



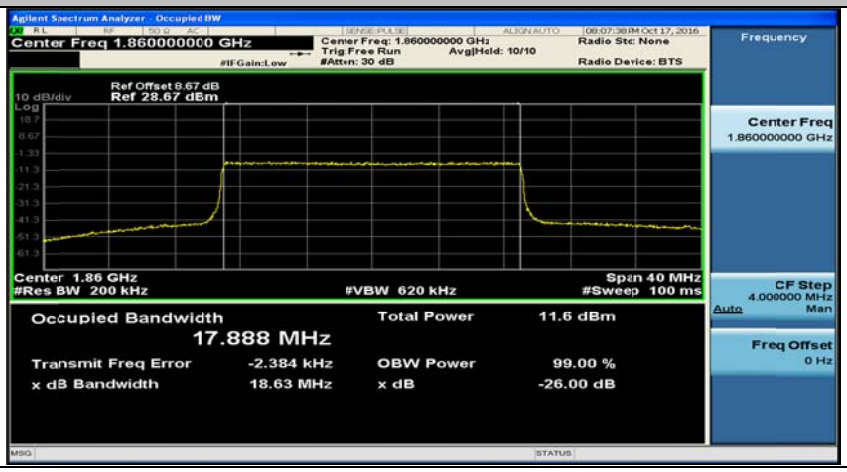

(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0



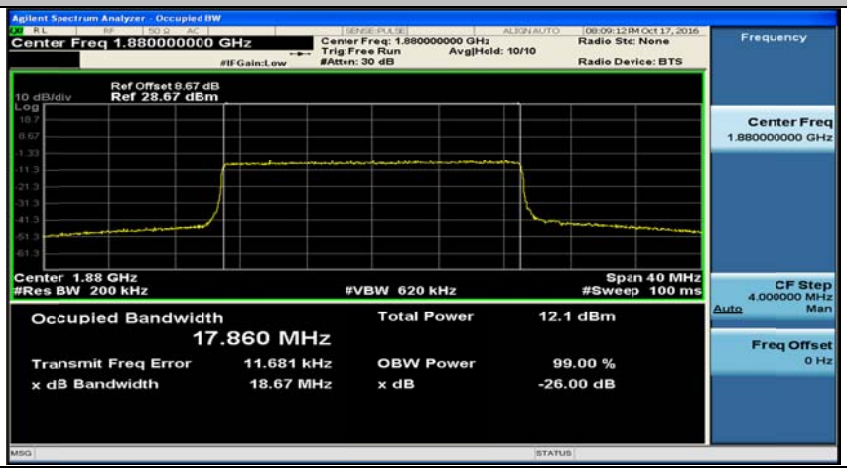

(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0

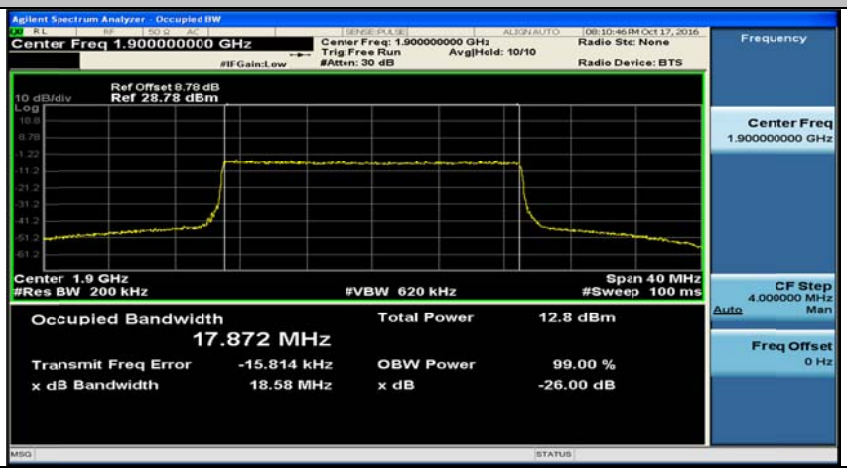


(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0




(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0




(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0