

## Appendix D: Test Data for E-UTRA Band 2

**Product Name: Mobile Radio**

**Trade Mark: ANYSECU**

**Test Model: W2plus**

### Environmental Conditions

|                    |             |
|--------------------|-------------|
| Temperature:       | 24.3° C     |
| Relative Humidity: | 53.1%       |
| ATM Pressure:      | 100.0 kPa   |
| Test Engineer:     | Diamond.Lu  |
| Supervised by:     | Wang.Chuang |

### D.1 Conducted Output Power

| Conducted Output Power Test Result (Channel Bandwidth: 1.4 MHz) |         |                  |        |                     |                     |         |
|-----------------------------------------------------------------|---------|------------------|--------|---------------------|---------------------|---------|
| Modulation                                                      | Channel | RB Configuration |        | Average Power [dBm] | Average Power [dBm] | Verdict |
|                                                                 |         | Size             | Offset | QPSK                | 16QAM               |         |
| QPSK / 16QAM                                                    | LCH     | 1                | 0      | 23.19               | 22.29               | PASS    |
|                                                                 |         | 1                | 3      | 23.26               | 22.40               | PASS    |
|                                                                 |         | 1                | 5      | 23.16               | 22.27               | PASS    |
|                                                                 |         | 3                | 0      | 23.16               | 22.24               | PASS    |
|                                                                 |         | 3                | 2      | 23.16               | 22.21               | PASS    |
|                                                                 |         | 3                | 3      | 23.16               | 22.21               | PASS    |
|                                                                 |         | 6                | 0      | 22.34               | 21.22               | PASS    |
|                                                                 | MCH     | 1                | 0      | 22.67               | 21.98               | PASS    |
|                                                                 |         | 1                | 3      | 22.71               | 22.08               | PASS    |
|                                                                 |         | 1                | 5      | 22.64               | 21.95               | PASS    |
|                                                                 |         | 3                | 0      | 22.73               | 21.69               | PASS    |
|                                                                 |         | 3                | 2      | 22.68               | 21.68               | PASS    |
|                                                                 |         | 3                | 3      | 22.68               | 21.68               | PASS    |
|                                                                 |         | 6                | 0      | 21.77               | 20.72               | PASS    |
|                                                                 | HCH     | 1                | 0      | 22.56               | 21.77               | PASS    |
|                                                                 |         | 1                | 3      | 22.64               | 21.91               | PASS    |
|                                                                 |         | 1                | 5      | 22.58               | 21.79               | PASS    |
|                                                                 |         | 3                | 0      | 22.62               | 21.64               | PASS    |
|                                                                 |         | 3                | 2      | 22.60               | 21.63               | PASS    |
|                                                                 |         | 3                | 3      | 22.60               | 21.68               | PASS    |
|                                                                 |         | 6                | 0      | 21.70               | 20.78               | PASS    |

## Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)

| Modulation   | Channel | RB Configuration |        | Average Power [dBm] | Average Power [dBm] | Verdict |
|--------------|---------|------------------|--------|---------------------|---------------------|---------|
|              |         | Size             | Offset | QPSK                | 16QAM               |         |
| QPSK / 16QAM | LCH     | 1                | 0      | 23.15               | 22.32               | PASS    |
|              |         | 1                | 7      | 23.22               | 22.40               | PASS    |
|              |         | 1                | 14     | 23.04               | 22.22               | PASS    |
|              |         | 8                | 0      | 22.31               | 21.28               | PASS    |
|              |         | 8                | 4      | 22.29               | 21.30               | PASS    |
|              |         | 8                | 7      | 22.26               | 21.26               | PASS    |
|              |         | 15               | 0      | 22.22               | 21.15               | PASS    |
|              | MCH     | 1                | 0      | 22.61               | 21.84               | PASS    |
|              |         | 1                | 7      | 22.72               | 21.94               | PASS    |
|              |         | 1                | 14     | 22.56               | 21.81               | PASS    |
|              |         | 8                | 0      | 21.79               | 20.82               | PASS    |
|              |         | 8                | 4      | 21.76               | 20.82               | PASS    |
|              |         | 8                | 7      | 21.75               | 20.78               | PASS    |
|              |         | 15               | 0      | 21.74               | 20.72               | PASS    |
|              | HCH     | 1                | 0      | 22.51               | 21.83               | PASS    |
|              |         | 1                | 7      | 22.66               | 21.97               | PASS    |
|              |         | 1                | 14     | 22.57               | 21.87               | PASS    |
|              |         | 8                | 0      | 21.65               | 20.66               | PASS    |
|              |         | 8                | 4      | 21.66               | 20.61               | PASS    |
|              |         | 8                | 7      | 21.66               | 20.64               | PASS    |
|              |         | 15               | 0      | 21.60               | 20.59               | PASS    |

| Conducted Output Power Test Result (Channel Bandwidth: 5 MHz) |         |                  |        |                     |                     |         |
|---------------------------------------------------------------|---------|------------------|--------|---------------------|---------------------|---------|
| Modulation                                                    | Channel | RB Configuration |        | Average Power [dBm] | Average Power [dBm] | Verdict |
|                                                               |         | Size             | Offset | QPSK                | 16QAM               |         |
| QPSK /<br>16QAM                                               | LCH     | 1                | 0      | 23.29               | 22.51               | PASS    |
|                                                               |         | 1                | 12     | 23.26               | 22.53               | PASS    |
|                                                               |         | 1                | 24     | 23.06               | 22.35               | PASS    |
|                                                               |         | 12               | 0      | 22.31               | 21.40               | PASS    |
|                                                               |         | 12               | 6      | 22.27               | 21.36               | PASS    |
|                                                               |         | 12               | 13     | 22.19               | 21.31               | PASS    |
|                                                               |         | 25               | 0      | 22.18               | 21.20               | PASS    |
|                                                               | MCH     | 1                | 0      | 22.80               | 22.07               | PASS    |
|                                                               |         | 1                | 12     | 22.85               | 22.12               | PASS    |
|                                                               |         | 1                | 24     | 22.68               | 21.99               | PASS    |
|                                                               |         | 12               | 0      | 21.86               | 20.96               | PASS    |
|                                                               |         | 12               | 6      | 21.82               | 20.93               | PASS    |
|                                                               |         | 12               | 13     | 21.79               | 20.91               | PASS    |
|                                                               |         | 25               | 0      | 21.78               | 20.81               | PASS    |
|                                                               | HCH     | 1                | 0      | 22.52               | 21.52               | PASS    |
|                                                               |         | 1                | 12     | 22.70               | 21.69               | PASS    |
|                                                               |         | 1                | 24     | 22.69               | 21.63               | PASS    |
|                                                               |         | 12               | 0      | 21.59               | 20.63               | PASS    |
|                                                               |         | 12               | 6      | 21.64               | 20.68               | PASS    |
|                                                               |         | 12               | 13     | 21.68               | 20.72               | PASS    |
|                                                               |         | 25               | 0      | 21.60               | 20.63               | PASS    |

| Conducted Output Power Test Result (Channel Bandwidth: 10 MHz) |         |                  |        |                     |                     |         |
|----------------------------------------------------------------|---------|------------------|--------|---------------------|---------------------|---------|
| Modulation                                                     | Channel | RB Configuration |        | Average Power [dBm] | Average Power [dBm] | Verdict |
|                                                                |         | Size             | Offset | QPSK                | 16QAM               |         |
| QPSK /<br>16QAM                                                | LCH     | 1                | 0      | 23.24               | 22.43               | PASS    |
|                                                                |         | 1                | 24     | 23.02               | 22.25               | PASS    |
|                                                                |         | 1                | 49     | 22.71               | 21.94               | PASS    |
|                                                                |         | 25               | 0      | 22.22               | 21.20               | PASS    |
|                                                                |         | 25               | 12     | 22.07               | 21.10               | PASS    |
|                                                                |         | 25               | 25     | 21.91               | 20.94               | PASS    |
|                                                                |         | 50               | 0      | 22.05               | 21.07               | PASS    |
|                                                                | MCH     | 1                | 0      | 22.37               | 21.79               | PASS    |
|                                                                |         | 1                | 24     | 22.77               | 22.02               | PASS    |
|                                                                |         | 1                | 49     | 22.58               | 21.83               | PASS    |
|                                                                |         | 25               | 0      | 21.83               | 20.82               | PASS    |
|                                                                |         | 25               | 12     | 21.80               | 20.82               | PASS    |
|                                                                |         | 25               | 25     | 21.74               | 20.74               | PASS    |
|                                                                |         | 50               | 0      | 21.77               | 20.79               | PASS    |
|                                                                | HCH     | 1                | 0      | 21.54               | 21.04               | PASS    |
|                                                                |         | 1                | 24     | 22.22               | 21.72               | PASS    |
|                                                                |         | 1                | 49     | 22.56               | 21.99               | PASS    |
|                                                                |         | 25               | 0      | 20.96               | 20.10               | PASS    |
|                                                                |         | 25               | 12     | 21.29               | 20.53               | PASS    |
|                                                                |         | 25               | 25     | 21.62               | 20.66               | PASS    |
|                                                                |         | 50               | 0      | 21.31               | 20.50               | PASS    |

## Conducted Output Power Test Result (Channel Bandwidth: 15 MHz)

| Modulation      | Channel | RB Configuration |        | Average Power [dBm] | Average Power [dBm] | Verdict |
|-----------------|---------|------------------|--------|---------------------|---------------------|---------|
|                 |         | Size             | Offset | QPSK                | 16QAM               |         |
| QPSK /<br>16QAM | LCH     | 1                | 0      | 23.27               | 22.43               | PASS    |
|                 |         | 1                | 37     | 22.92               | 22.17               | PASS    |
|                 |         | 1                | 74     | 22.39               | 21.70               | PASS    |
|                 |         | 37               | 0      | 22.29               | 21.22               | PASS    |
|                 |         | 37               | 18     | 22.04               | 21.00               | PASS    |
|                 |         | 37               | 38     | 21.86               | 20.78               | PASS    |
|                 |         | 75               | 0      | 22.09               | 21.03               | PASS    |
|                 | MCH     | 1                | 0      | 22.22               | 21.63               | PASS    |
|                 |         | 1                | 37     | 22.87               | 22.11               | PASS    |
|                 |         | 1                | 74     | 22.42               | 21.70               | PASS    |
|                 |         | 37               | 0      | 21.81               | 20.85               | PASS    |
|                 |         | 37               | 18     | 21.92               | 20.86               | PASS    |
|                 |         | 37               | 38     | 21.78               | 20.72               | PASS    |
|                 |         | 75               | 0      | 21.87               | 20.82               | PASS    |
|                 | HCH     | 1                | 0      | 22.15               | 21.29               | PASS    |
|                 |         | 1                | 37     | 21.58               | 21.02               | PASS    |
|                 |         | 1                | 74     | 22.66               | 21.91               | PASS    |
|                 |         | 37               | 0      | 20.99               | 20.15               | PASS    |
|                 |         | 37               | 18     | 20.87               | 20.03               | PASS    |
|                 |         | 37               | 38     | 21.33               | 20.52               | PASS    |
|                 |         | 75               | 0      | 21.15               | 20.32               | PASS    |

| Conducted Output Power Test Result (Channel Bandwidth: 20 MHz) |         |                  |        |                     |                     |         |
|----------------------------------------------------------------|---------|------------------|--------|---------------------|---------------------|---------|
| Modulation                                                     | Channel | RB Configuration |        | Average Power [dBm] | Average Power [dBm] | Verdict |
|                                                                |         | Size             | Offset | QPSK                | 16QAM               |         |
| QPSK /<br>16QAM                                                | LCH     | 1                | 0      | 23.43               | 22.50               | PASS    |
|                                                                |         | 1                | 49     | 22.85               | 22.00               | PASS    |
|                                                                |         | 1                | 99     | 21.82               | 21.07               | PASS    |
|                                                                |         | 50               | 0      | 22.10               | 21.09               | PASS    |
|                                                                |         | 50               | 25     | 21.82               | 20.80               | PASS    |
|                                                                |         | 50               | 50     | 21.54               | 20.60               | PASS    |
|                                                                |         | 100              | 0      | 21.82               | 20.82               | PASS    |
|                                                                | MCH     | 1                | 0      | 22.25               | 21.49               | PASS    |
|                                                                |         | 1                | 49     | 22.93               | 22.05               | PASS    |
|                                                                |         | 1                | 99     | 22.43               | 21.61               | PASS    |
|                                                                |         | 50               | 0      | 21.62               | 20.74               | PASS    |
|                                                                |         | 50               | 25     | 21.81               | 20.82               | PASS    |
|                                                                |         | 50               | 50     | 21.66               | 20.65               | PASS    |
|                                                                |         | 100              | 0      | 21.73               | 20.72               | PASS    |
|                                                                | HCH     | 1                | 0      | 22.36               | 21.63               | PASS    |
|                                                                |         | 1                | 49     | 21.45               | 20.93               | PASS    |
|                                                                |         | 1                | 99     | 22.65               | 22.01               | PASS    |
|                                                                |         | 50               | 0      | 21.17               | 20.21               | PASS    |
|                                                                |         | 50               | 25     | 20.77               | 19.99               | PASS    |
|                                                                |         | 50               | 50     | 20.97               | 20.18               | PASS    |
|                                                                |         | 100              | 0      | 21.20               | 20.30               | PASS    |

**D.2 Peak-to-Average Ratio**

| Peak-to Average Ratio Test Result (Channel Bandwidth: 1.4 MHz) |         |                            |            |         |
|----------------------------------------------------------------|---------|----------------------------|------------|---------|
| Modulation                                                     | Channel | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| QPSK                                                           | LCH     | 4.23                       | <13        | PASS    |
|                                                                | MCH     | 4.72                       | <13        | PASS    |
|                                                                | HCH     | 4.75                       | <13        | PASS    |
| 16QAM                                                          | LCH     | 5.08                       | <13        | PASS    |
|                                                                | MCH     | 5.54                       | <13        | PASS    |
|                                                                | HCH     | 5.53                       | <13        | PASS    |

| Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz) |         |                            |            |         |
|--------------------------------------------------------------|---------|----------------------------|------------|---------|
| Modulation                                                   | Channel | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| QPSK                                                         | LCH     | 4.67                       | <13        | PASS    |
|                                                              | MCH     | 5.06                       | <13        | PASS    |
|                                                              | HCH     | 5.08                       | <13        | PASS    |
| 16QAM                                                        | LCH     | 5.5                        | <13        | PASS    |
|                                                              | MCH     | 5.82                       | <13        | PASS    |
|                                                              | HCH     | 5.78                       | <13        | PASS    |

| Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz) |         |                            |            |         |
|--------------------------------------------------------------|---------|----------------------------|------------|---------|
| Modulation                                                   | Channel | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| QPSK                                                         | LCH     | 4.76                       | <13        | PASS    |
|                                                              | MCH     | 5.11                       | <13        | PASS    |
|                                                              | HCH     | 5.15                       | <13        | PASS    |
| 16QAM                                                        | LCH     | 5.56                       | <13        | PASS    |
|                                                              | MCH     | 5.8                        | <13        | PASS    |
|                                                              | HCH     | 5.86                       | <13        | PASS    |

| Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz) |         |                            |            |         |
|---------------------------------------------------------------|---------|----------------------------|------------|---------|
| Modulation                                                    | Channel | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| QPSK                                                          | LCH     | 5.1                        | <13        | PASS    |
|                                                               | MCH     | 5.2                        | <13        | PASS    |
|                                                               | HCH     | 5.39                       | <13        | PASS    |
| 16QAM                                                         | LCH     | 5.77                       | <13        | PASS    |
|                                                               | MCH     | 5.89                       | <13        | PASS    |
|                                                               | HCH     | 6.08                       | <13        | PASS    |

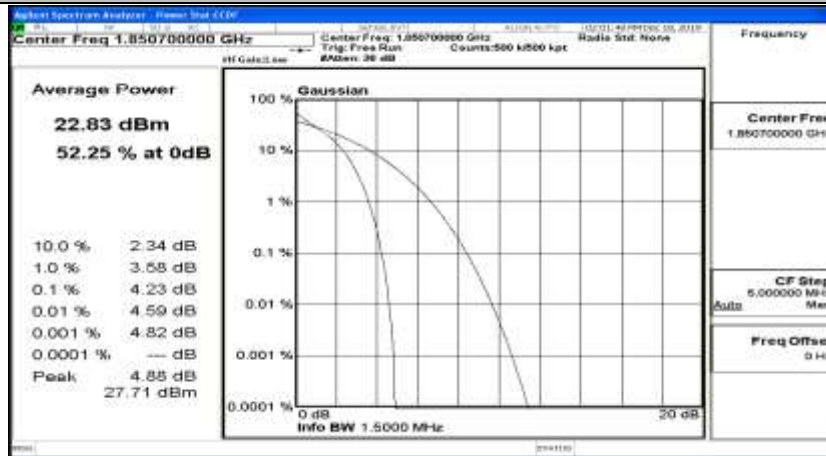
**Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)**

| Modulation | Channel | Peak-to-Average Ratio<br>[dB] | Limit<br>[dB] | Verdict |
|------------|---------|-------------------------------|---------------|---------|
| QPSK       | LCH     | 5.01                          | <13           | PASS    |
|            | MCH     | 4.94                          | <13           | PASS    |
|            | HCH     | 5.08                          | <13           | PASS    |
| 16QAM      | LCH     | 6.12                          | <13           | PASS    |
|            | MCH     | 6.12                          | <13           | PASS    |
|            | HCH     | 6.23                          | <13           | PASS    |

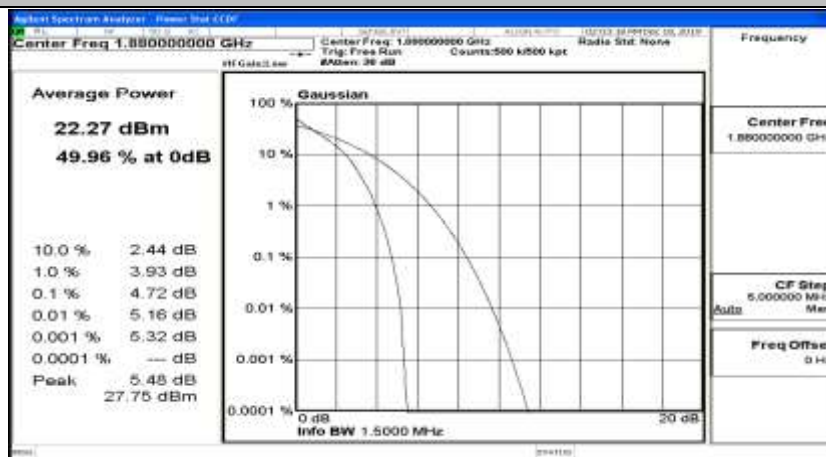
**Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)**

| Modulation | Channel | Peak-to-Average Ratio<br>[dB] | Limit<br>[dB] | Verdict |
|------------|---------|-------------------------------|---------------|---------|
| QPSK       | LCH     | 5.75                          | <13           | PASS    |
|            | MCH     | 5.71                          | <13           | PASS    |
|            | HCH     | 5.82                          | <13           | PASS    |
| 16QAM      | LCH     | 6.71                          | <13           | PASS    |
|            | MCH     | 6.7                           | <13           | PASS    |
|            | HCH     | 6.61                          | <13           | PASS    |

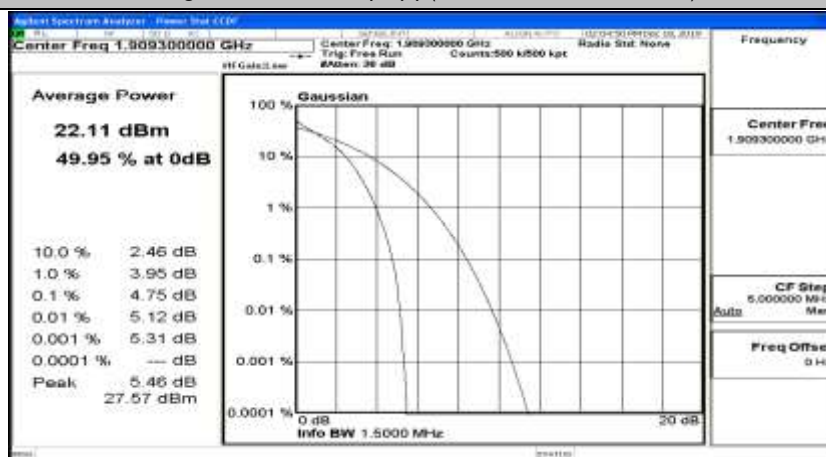
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK



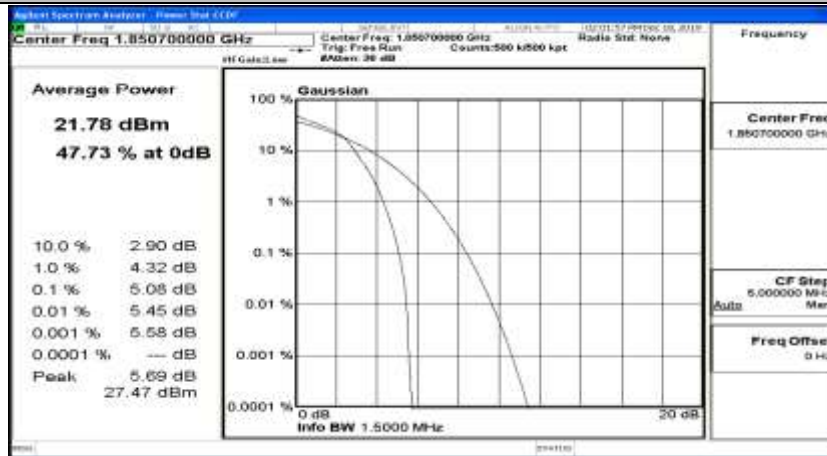
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK



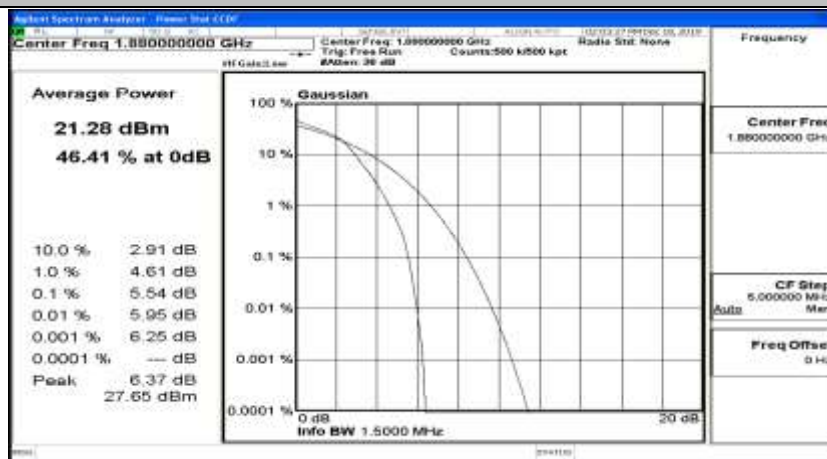
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK



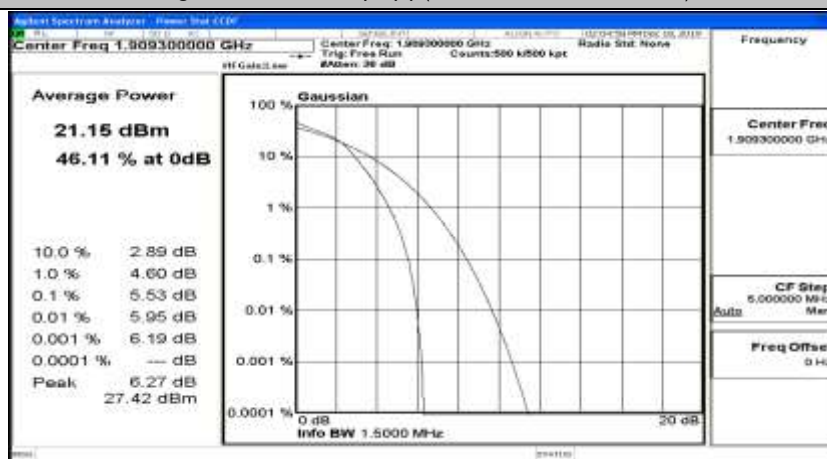
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM



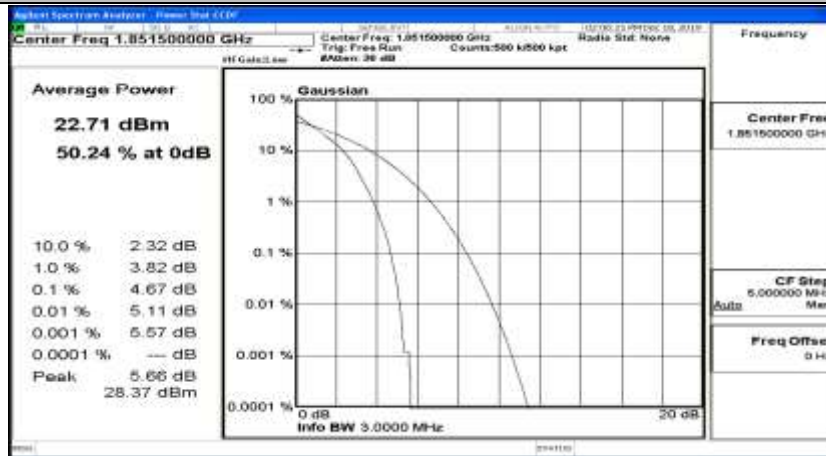
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM



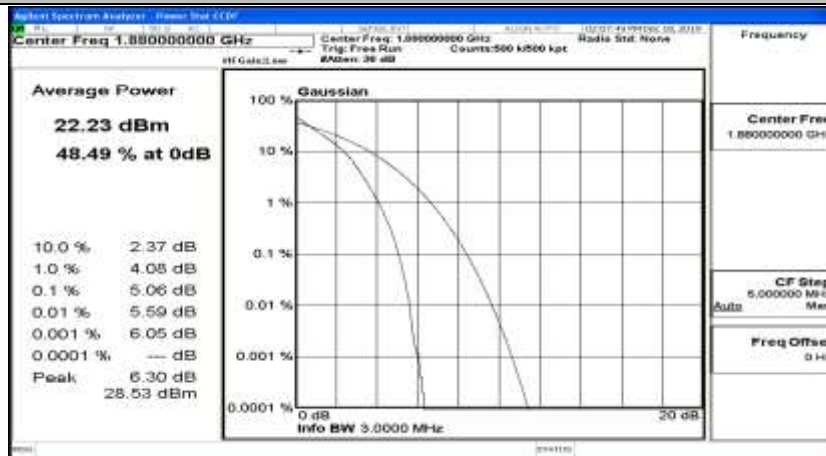
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM



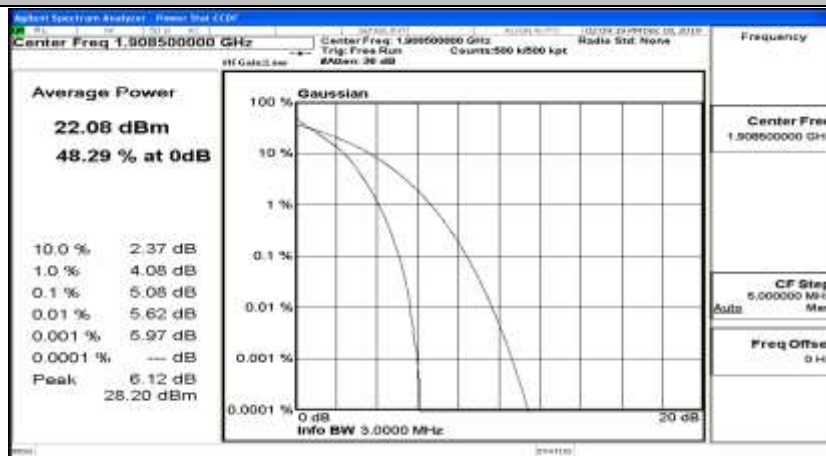
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_QPSK



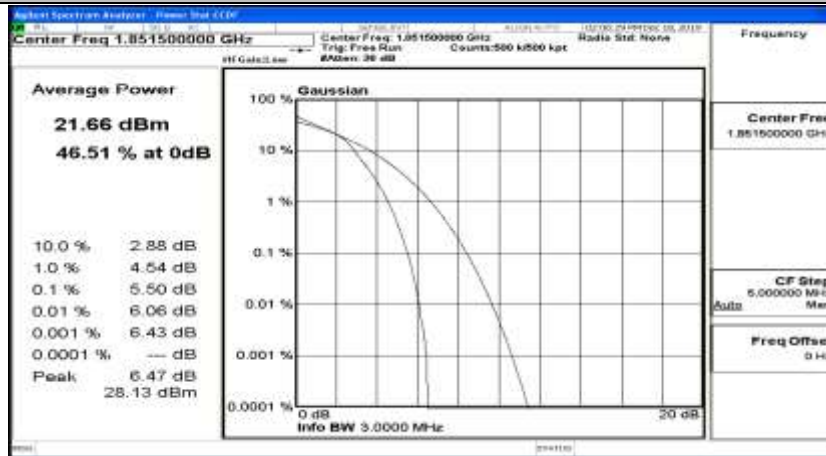
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_MCH\_QPSK



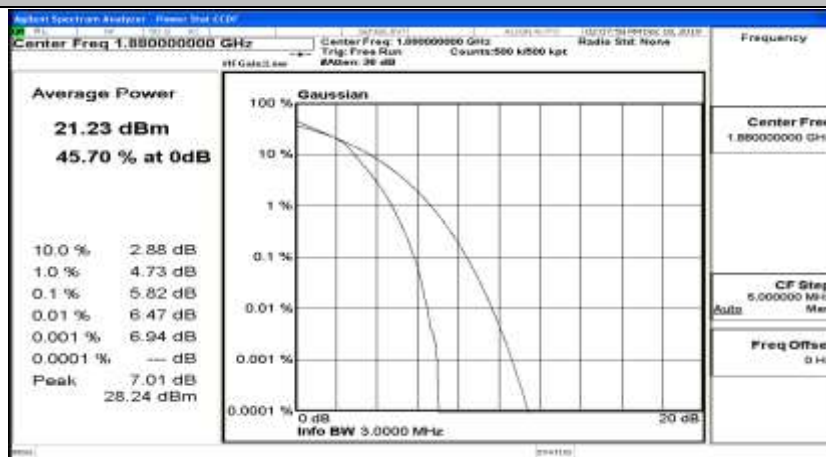
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_QPSK



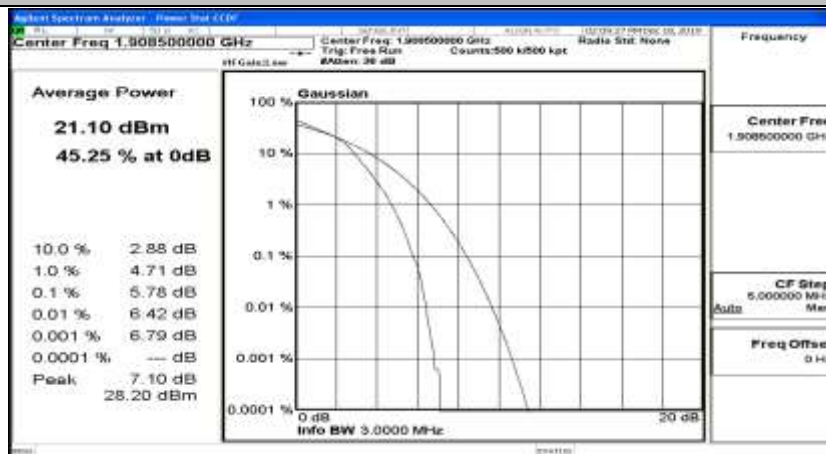
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_16QAM



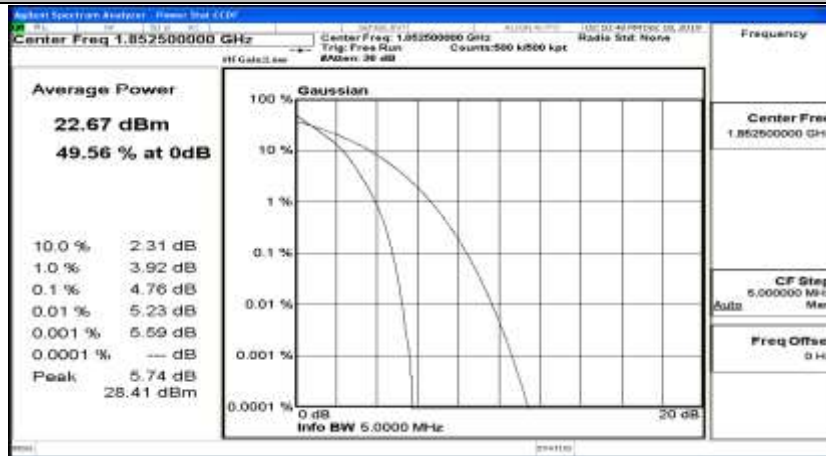
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_MCH\_16QAM



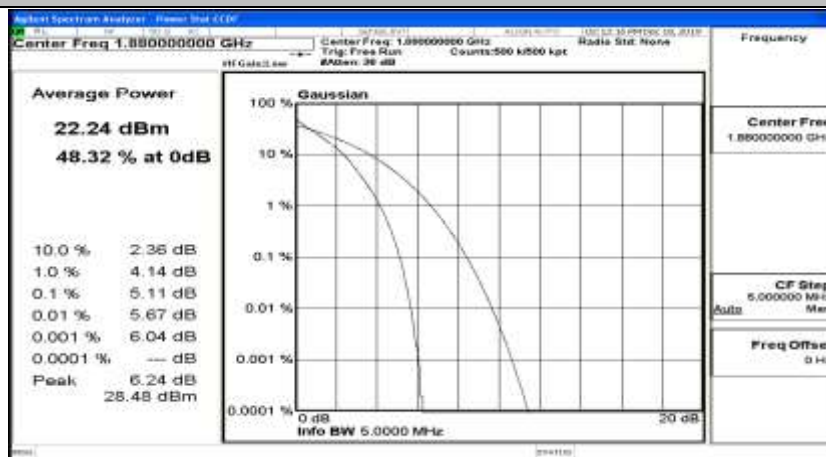
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_16QAM



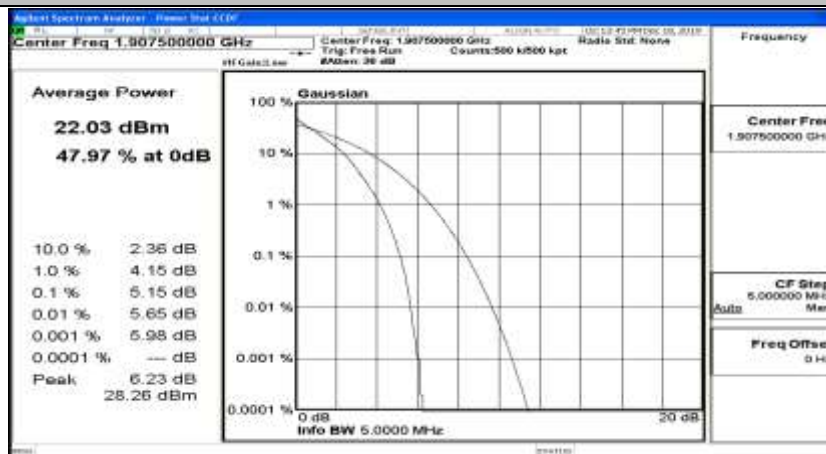
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_QPSK



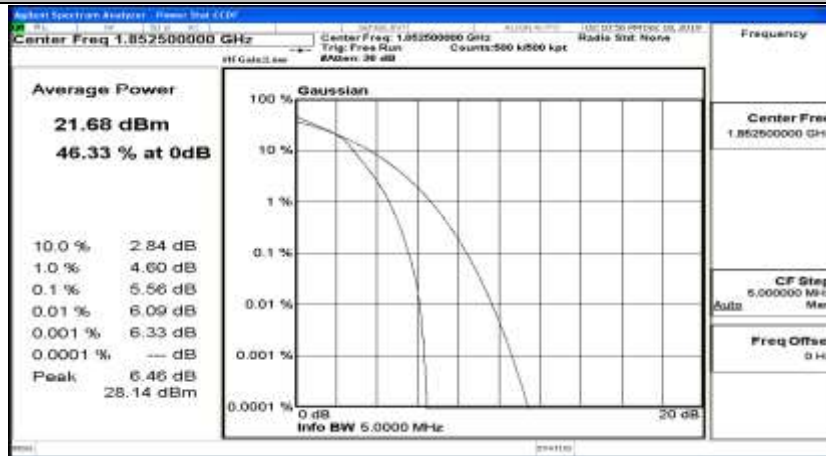
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_QPSK



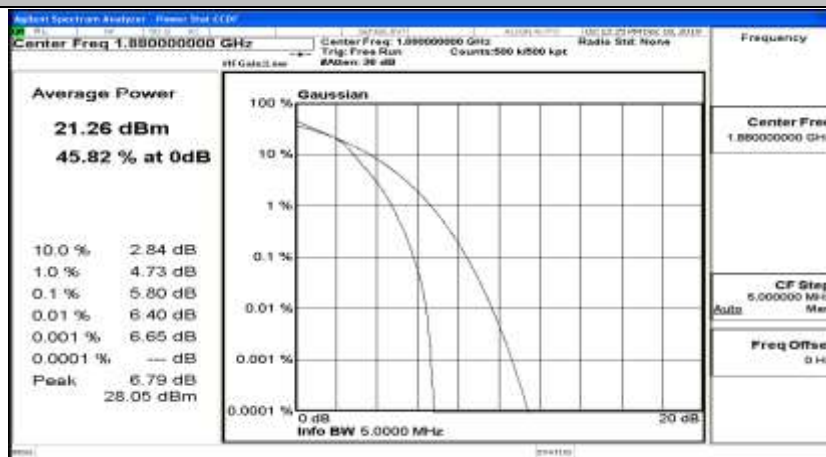
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_QPSK



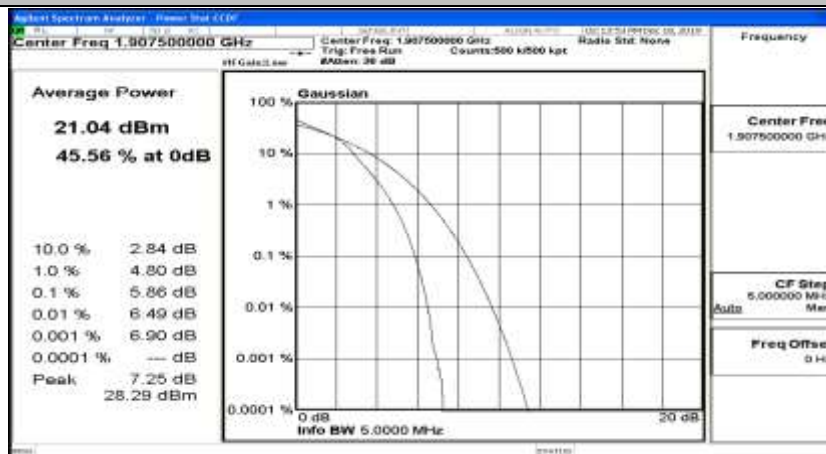
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_16QAM



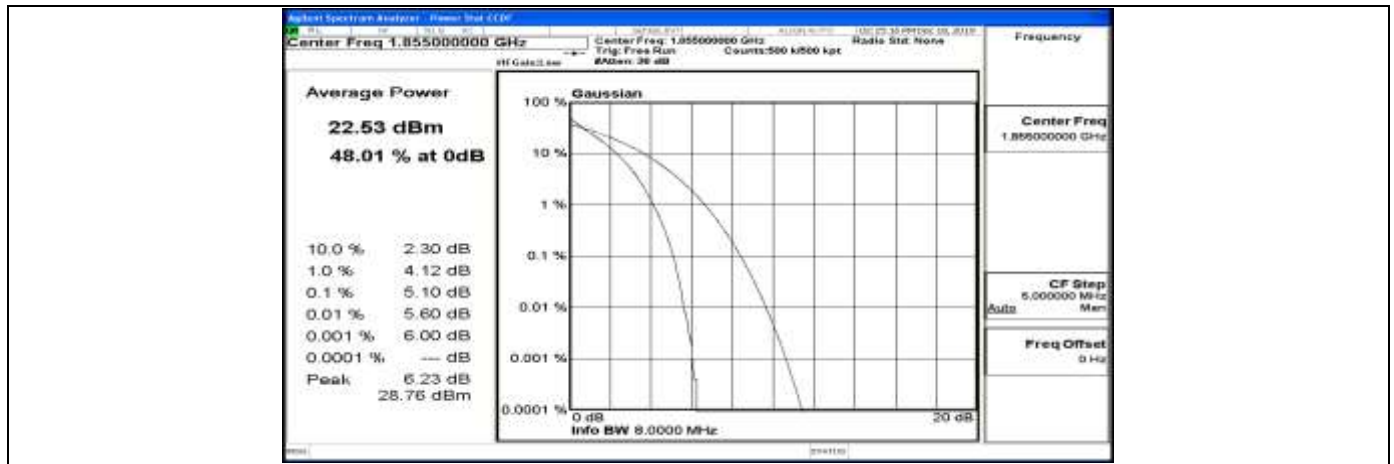
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_16QAM



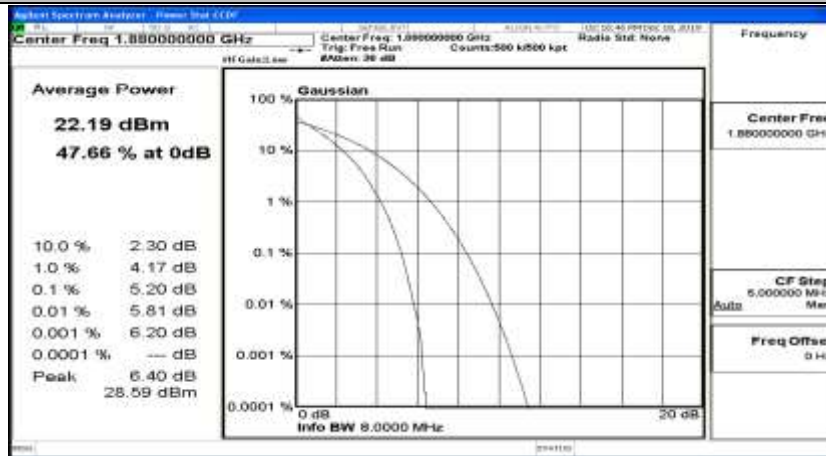
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_16QAM



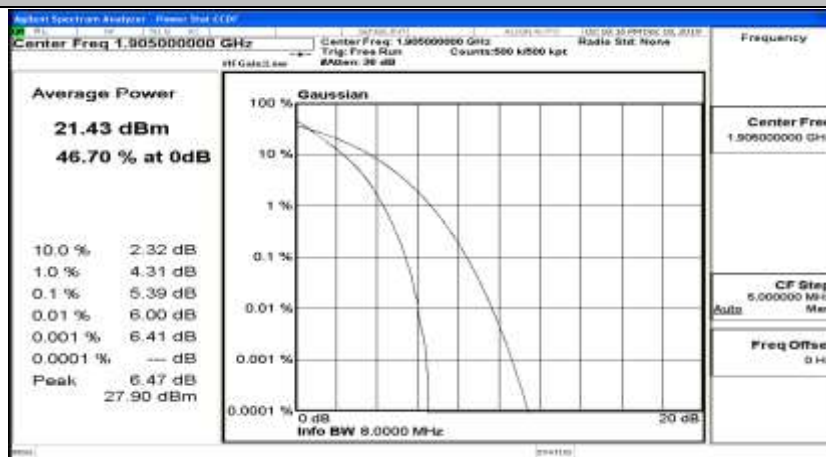
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK



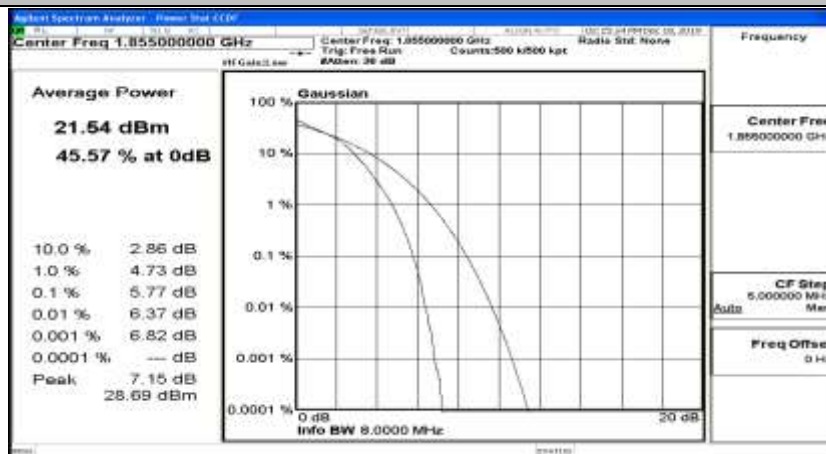
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_QPSK



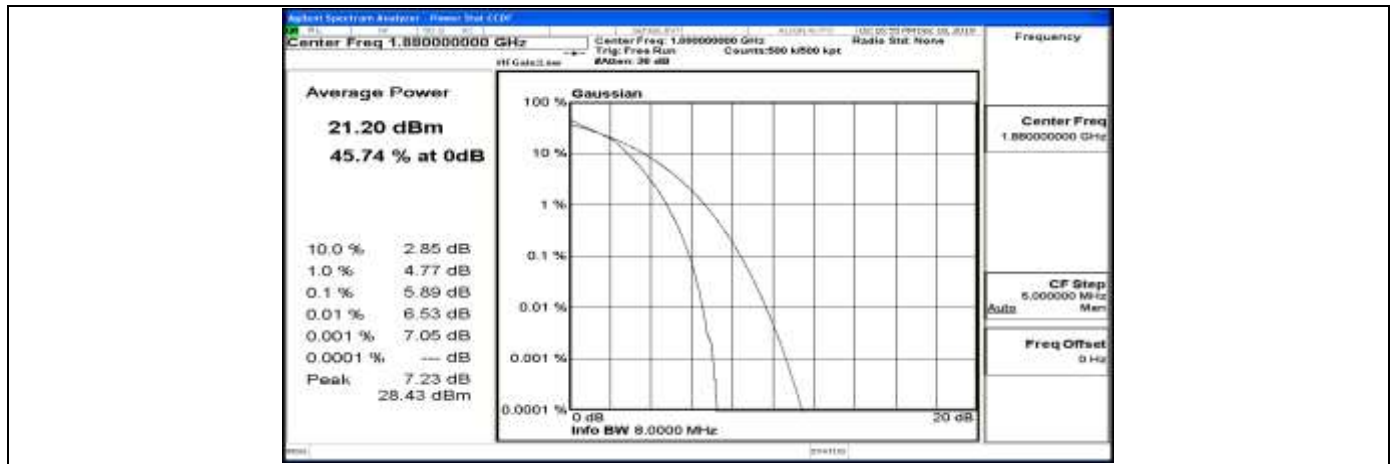
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_QPSK



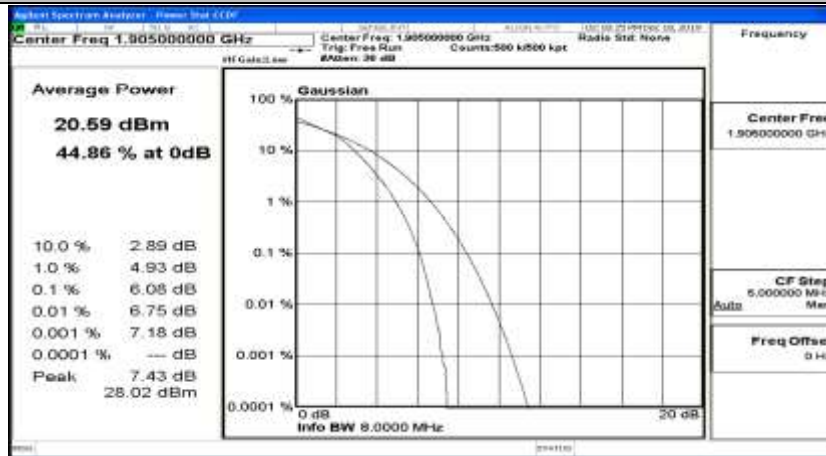
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_16QAM



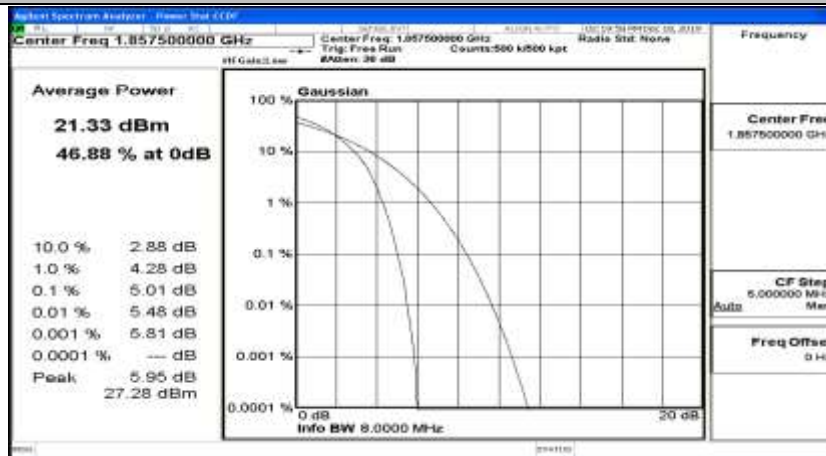
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_16QAM



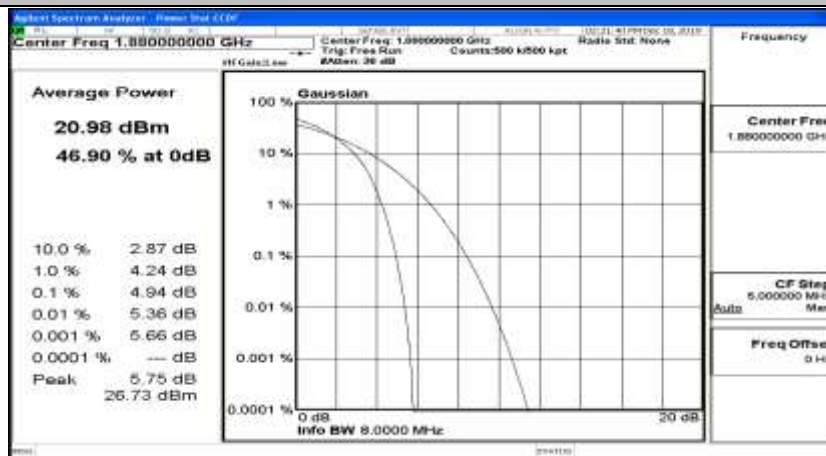
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_16QAM



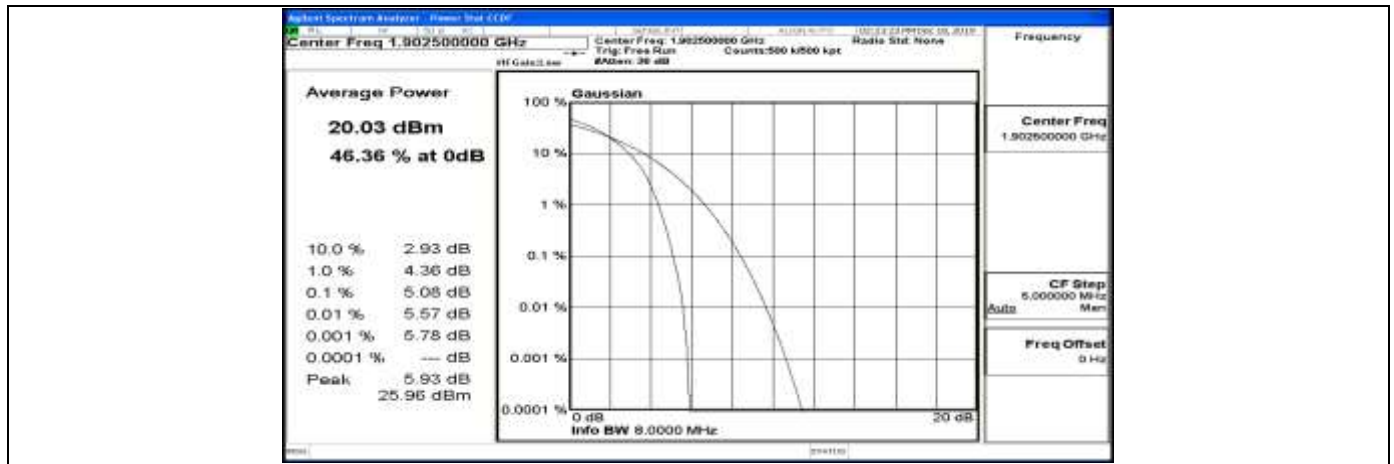
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz) LCH\_QPSK



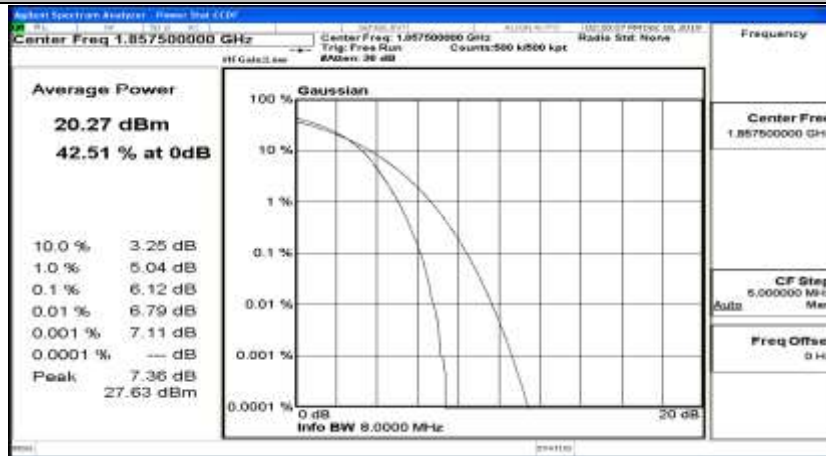
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_QPSK



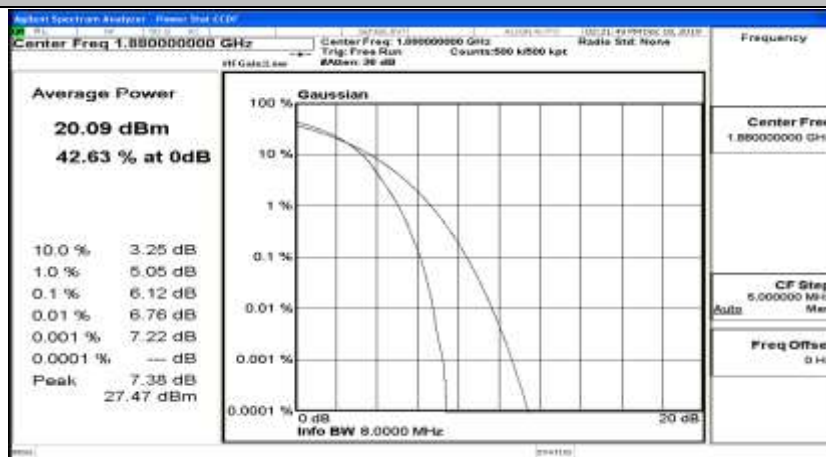
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_QPSK



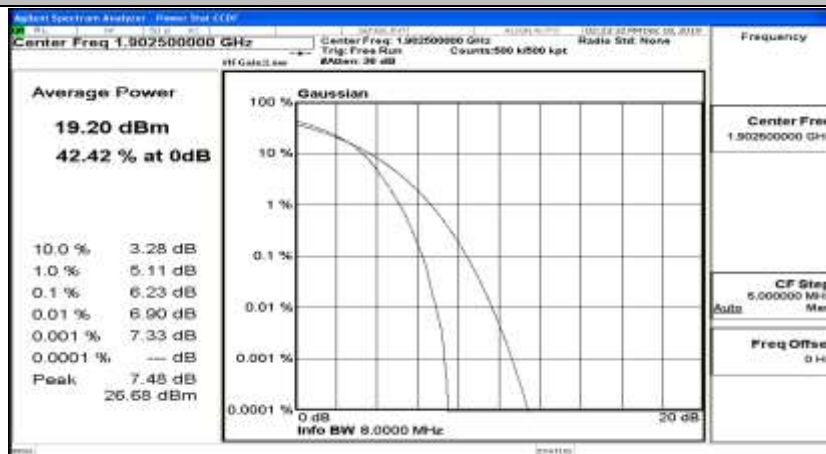
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_16QAM



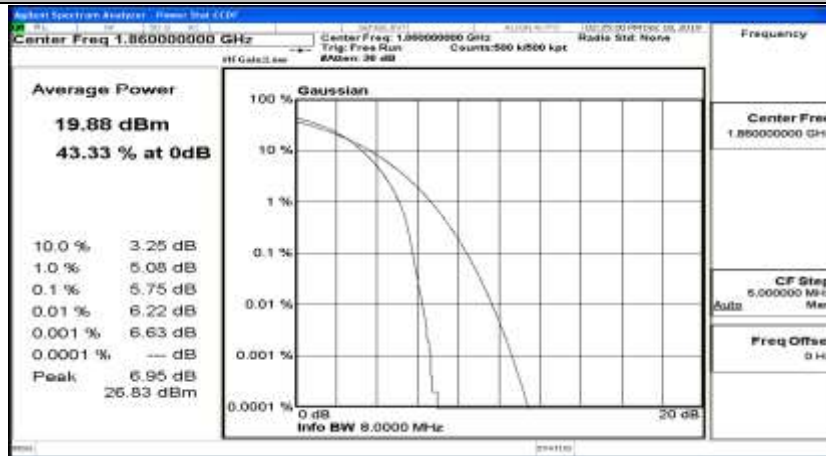
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_16QAM



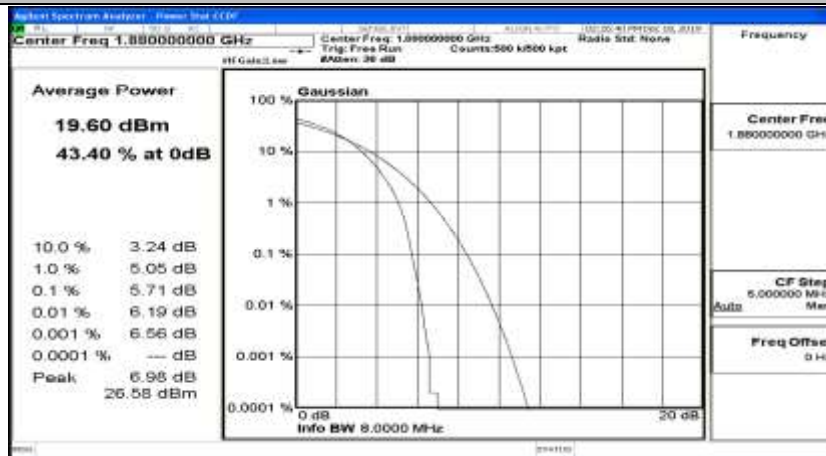
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_16QAM



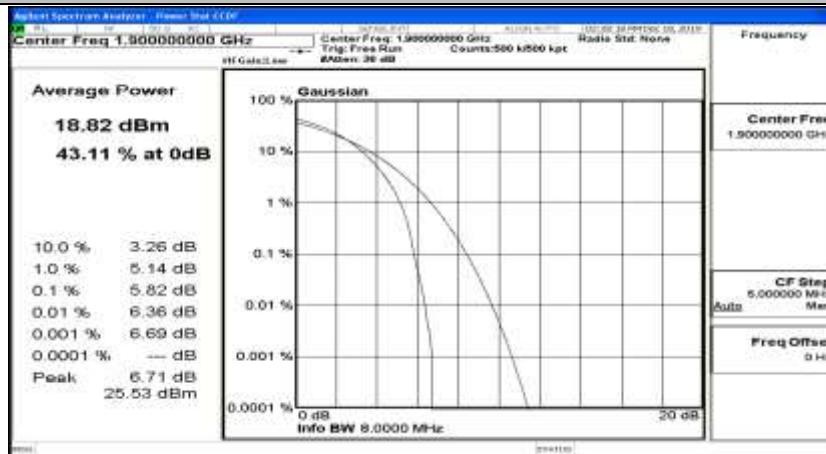
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_QPSK



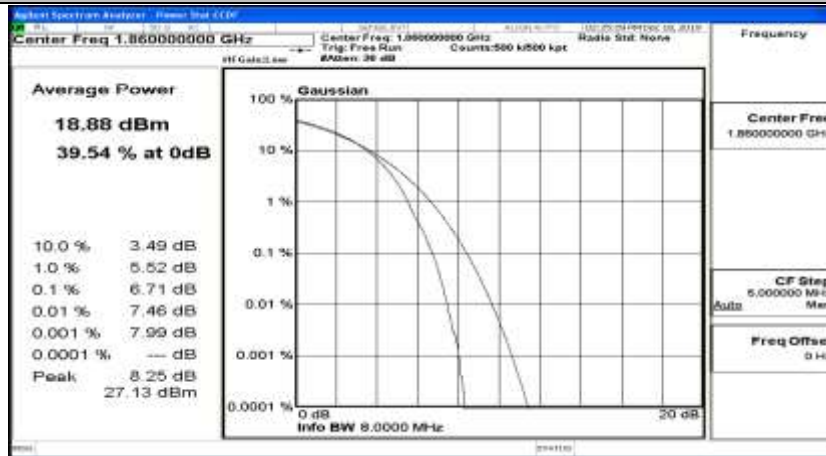
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_MCH\_QPSK



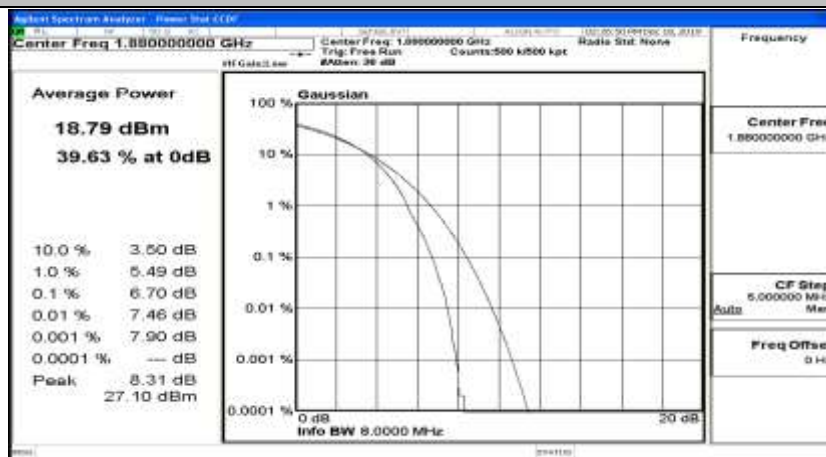
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_QPSK



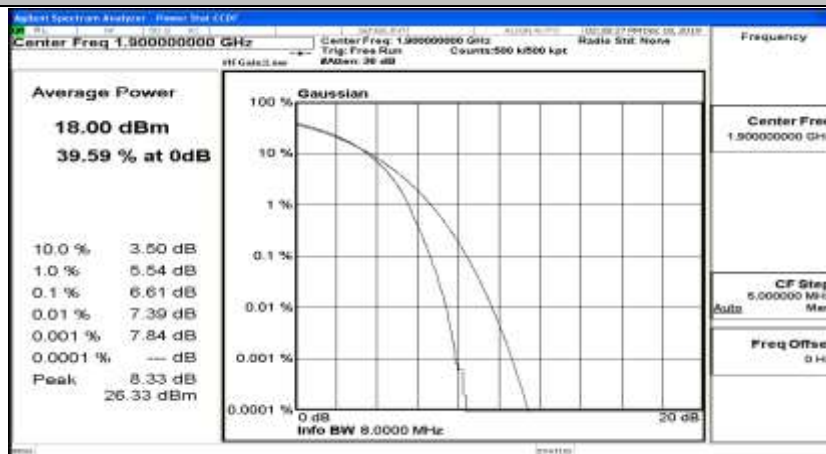
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_16QAM



## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_MCH\_16QAM



## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_16QAM



**D.3 26dB Bandwidth and Occupied Bandwidth**

| EBW & OBW Test Result (Channel Bandwidth: 1.4 MHz) |         |                          |                      |         |
|----------------------------------------------------|---------|--------------------------|----------------------|---------|
| Modulation                                         | Channel | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| QPSK                                               | LCH     | 1.0794                   | 1.251                | PASS    |
|                                                    | MCH     | 1.0775                   | 1.209                | PASS    |
|                                                    | HCH     | 1.0782                   | 1.228                | PASS    |
| 16QAM                                              | LCH     | 1.0825                   | 1.242                | PASS    |
|                                                    | MCH     | 1.0786                   | 1.220                | PASS    |
|                                                    | HCH     | 1.0784                   | 1.231                | PASS    |

| EBW & OBW Test Result (Channel Bandwidth: 3 MHz) |         |                          |                      |         |
|--------------------------------------------------|---------|--------------------------|----------------------|---------|
| Modulation                                       | Channel | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| QPSK                                             | LCH     | 2.6834                   | 2.874                | PASS    |
|                                                  | MCH     | 2.6836                   | 2.887                | PASS    |
|                                                  | HCH     | 2.6824                   | 2.901                | PASS    |
| 16QAM                                            | LCH     | 2.6853                   | 2.892                | PASS    |
|                                                  | MCH     | 2.6821                   | 2.873                | PASS    |
|                                                  | HCH     | 2.6875                   | 2.873                | PASS    |

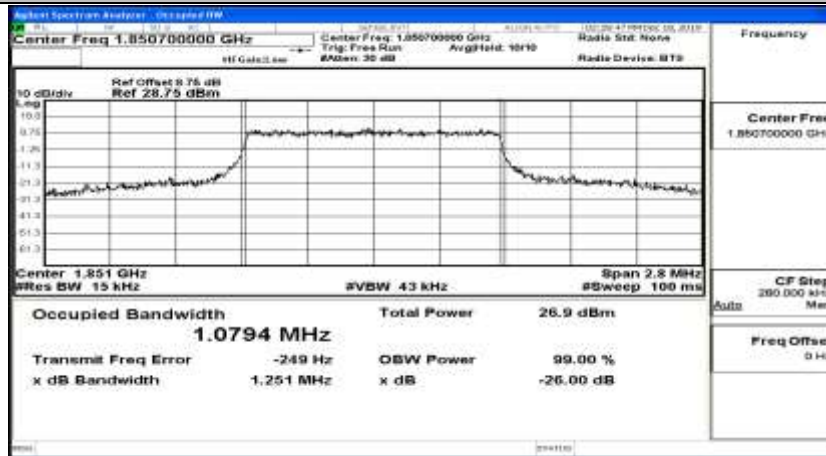
| EBW & OBW Test Result (Channel Bandwidth: 5 MHz) |         |                          |                      |         |
|--------------------------------------------------|---------|--------------------------|----------------------|---------|
| Modulation                                       | Channel | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| QPSK                                             | LCH     | 4.4819                   | 4.862                | PASS    |
|                                                  | MCH     | 4.4808                   | 4.854                | PASS    |
|                                                  | HCH     | 4.4773                   | 4.816                | PASS    |
| 16QAM                                            | LCH     | 4.4837                   | 4.848                | PASS    |
|                                                  | MCH     | 4.4768                   | 4.826                | PASS    |
|                                                  | HCH     | 4.4858                   | 4.845                | PASS    |

| EBW & OBW Test Result (Channel Bandwidth: 10 MHz) |         |                          |                      |         |
|---------------------------------------------------|---------|--------------------------|----------------------|---------|
| Modulation                                        | Channel | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| QPSK                                              | LCH     | 8.9421                   | 9.500                | PASS    |
|                                                   | MCH     | 8.9300                   | 9.463                | PASS    |
|                                                   | HCH     | 8.9195                   | 9.420                | PASS    |
| 16QAM                                             | LCH     | 8.9257                   | 9.432                | PASS    |
|                                                   | MCH     | 8.9345                   | 9.493                | PASS    |
|                                                   | HCH     | 8.9325                   | 9.376                | PASS    |

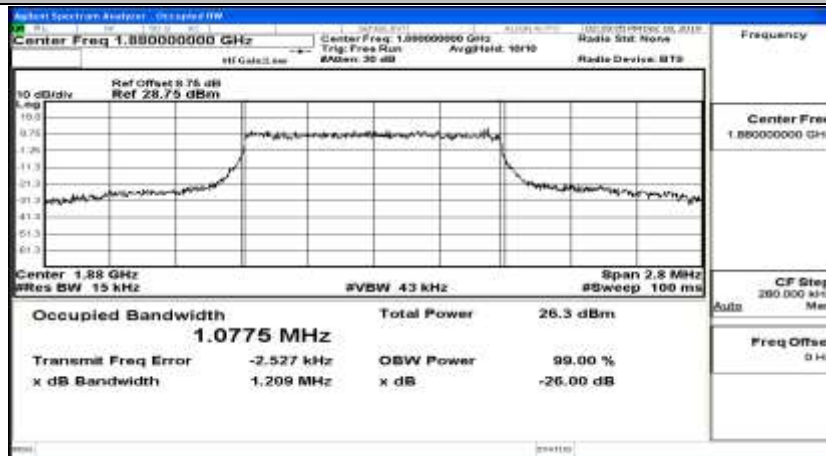
| EBW & OBW Test Result (Channel Bandwidth: 15 MHz) |         |                          |                      |         |
|---------------------------------------------------|---------|--------------------------|----------------------|---------|
| Modulation                                        | Channel | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| QPSK                                              | LCH     | 13.420                   | 14.13                | PASS    |
|                                                   | MCH     | 13.394                   | 14.08                | PASS    |
|                                                   | HCH     | 13.411                   | 14.02                | PASS    |
| 16QAM                                             | LCH     | 13.406                   | 14.02                | PASS    |
|                                                   | MCH     | 13.393                   | 14.06                | PASS    |
|                                                   | HCH     | 13.413                   | 14.10                | PASS    |

| EBW & OBW Test Result (Channel Bandwidth: 20 MHz) |         |                          |                      |         |
|---------------------------------------------------|---------|--------------------------|----------------------|---------|
| Modulation                                        | Channel | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| QPSK                                              | LCH     | 17.853                   | 18.67                | PASS    |
|                                                   | MCH     | 17.862                   | 18.64                | PASS    |
|                                                   | HCH     | 17.870                   | 18.68                | PASS    |
| 16QAM                                             | LCH     | 17.877                   | 18.63                | PASS    |
|                                                   | MCH     | 17.864                   | 18.62                | PASS    |
|                                                   | HCH     | 17.844                   | 18.56                | PASS    |

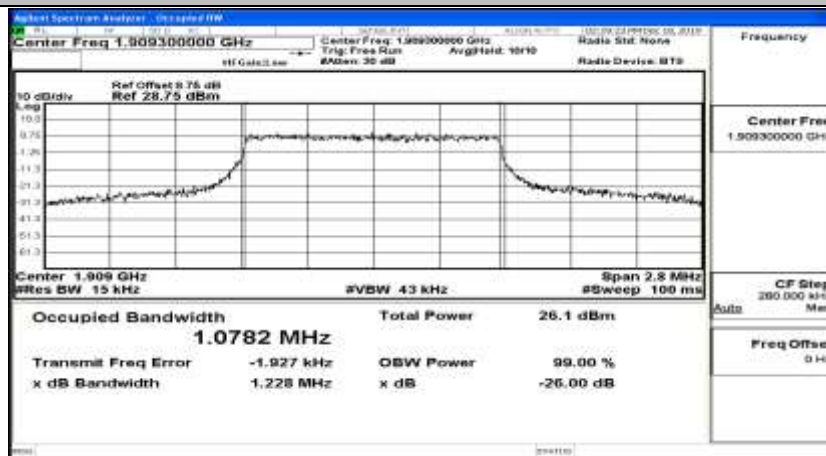
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK



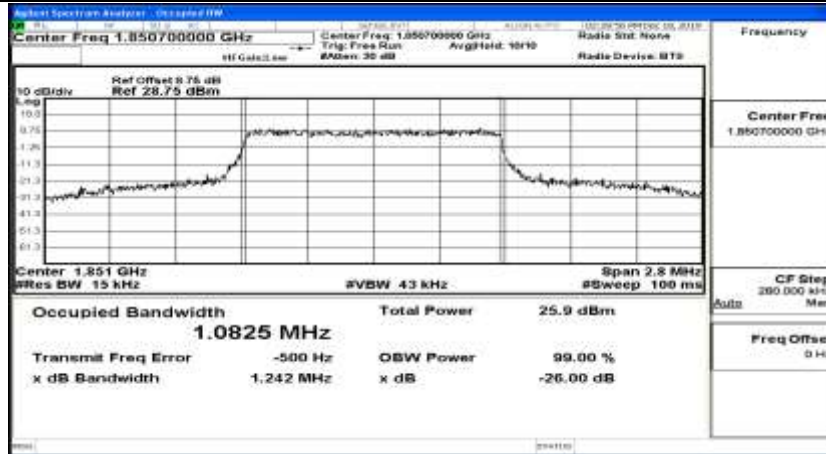
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK



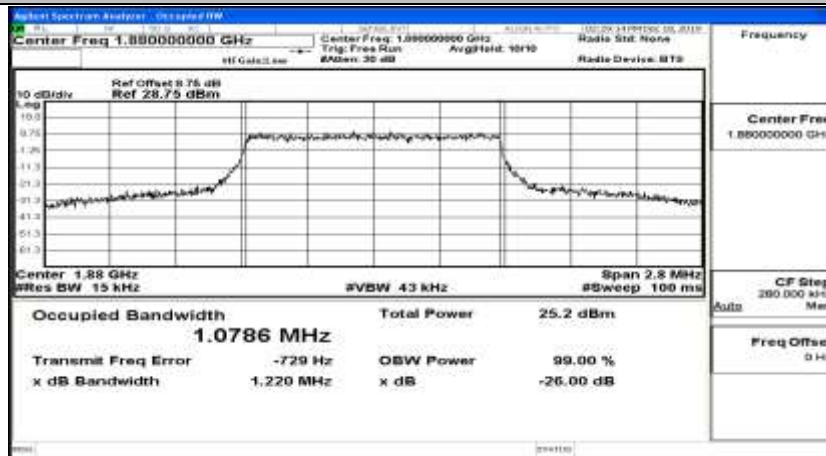
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK



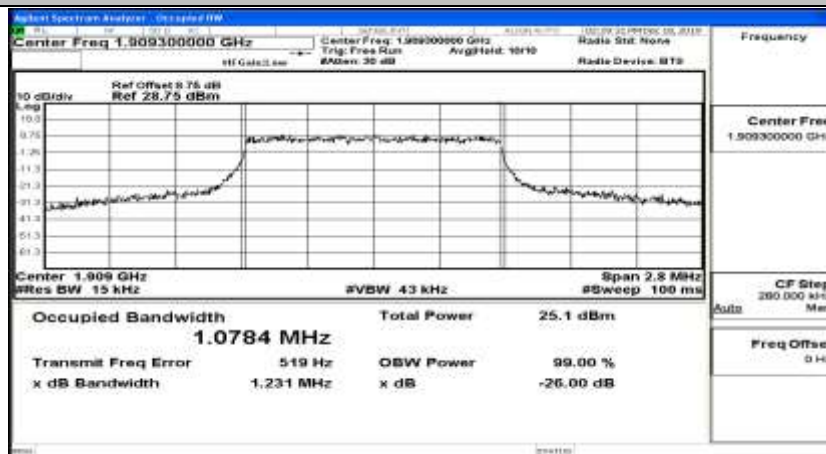
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM



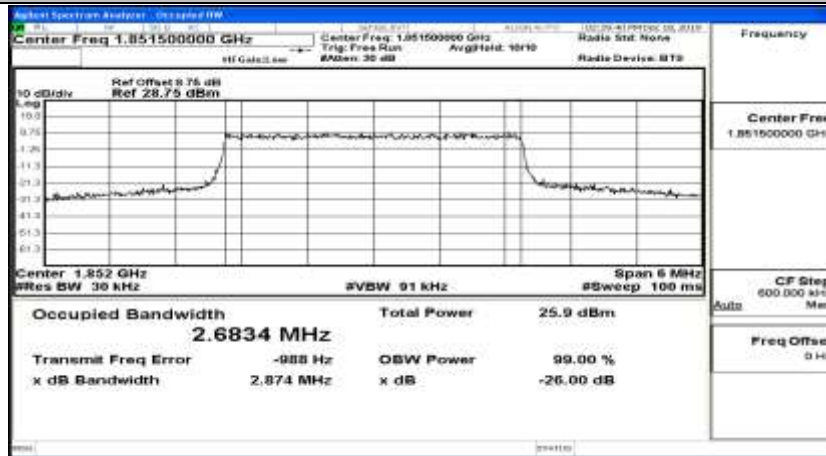
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM



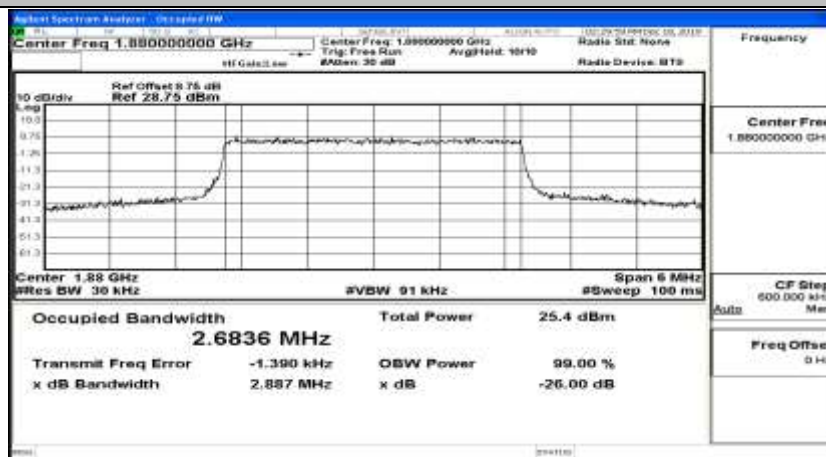
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM



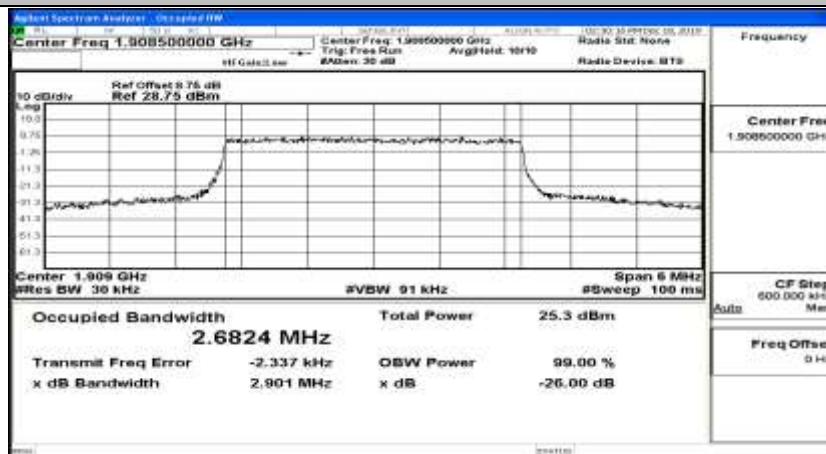
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_QPSK



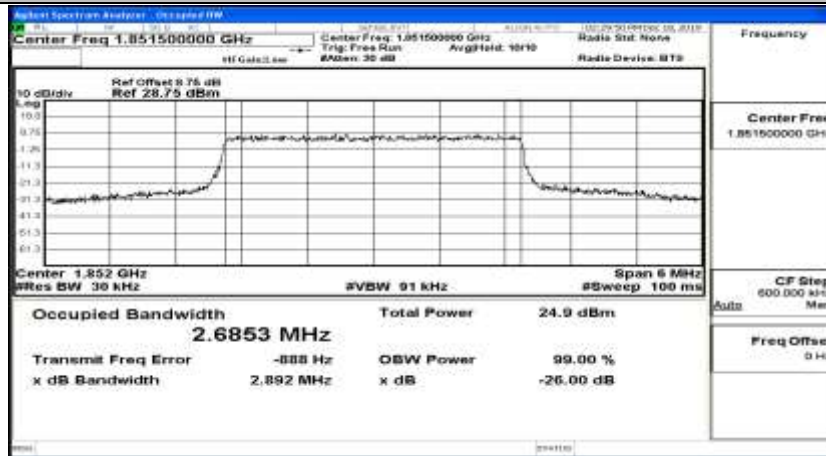
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_MCH\_QPSK



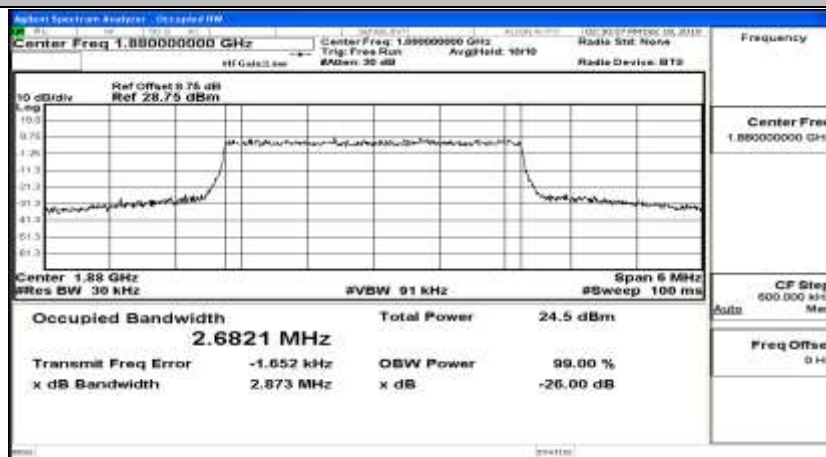
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_QPSK



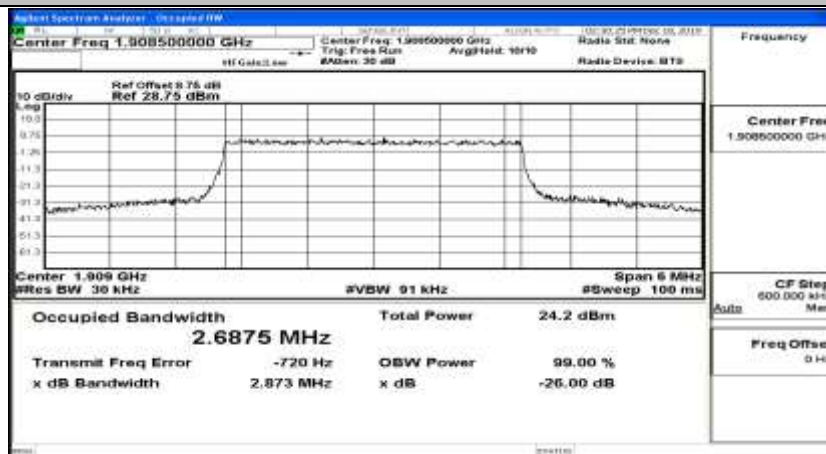
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_16QAM



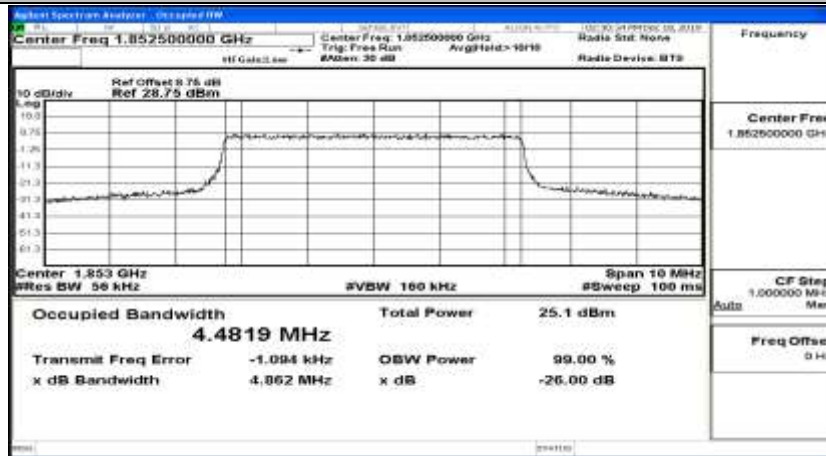
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_MCH\_16QAM



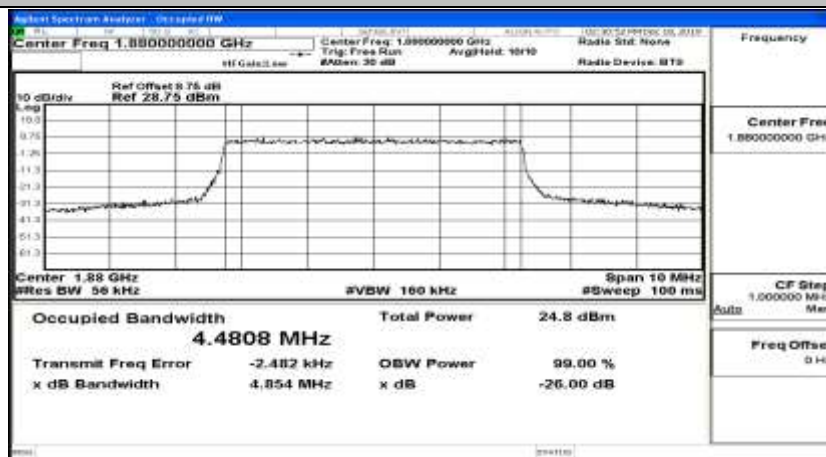
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_16QAM



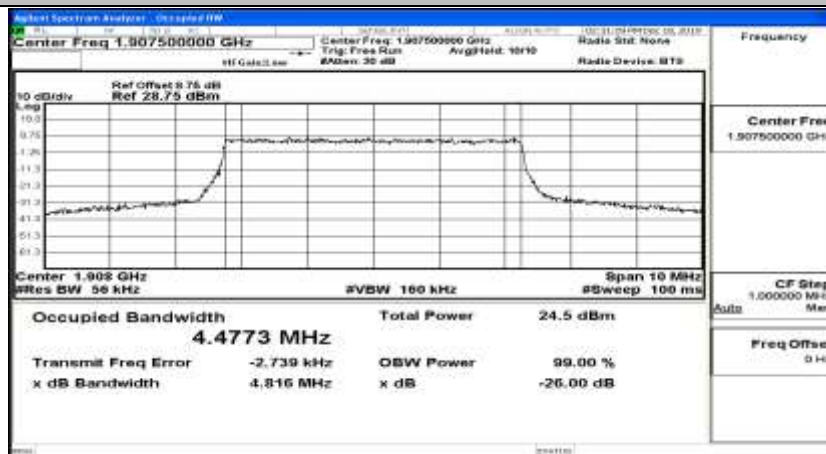
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_QPSK



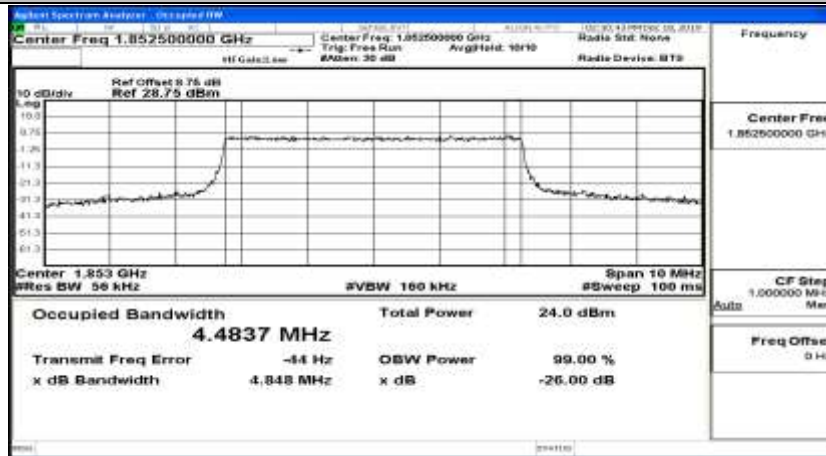
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_QPSK



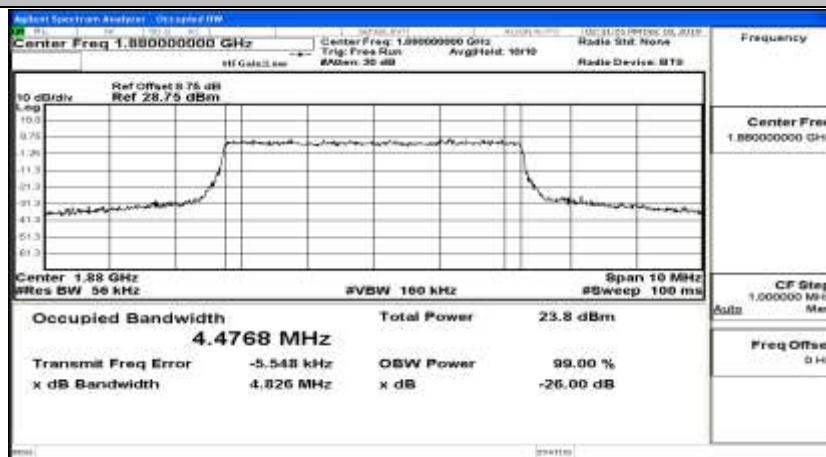
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_QPSK



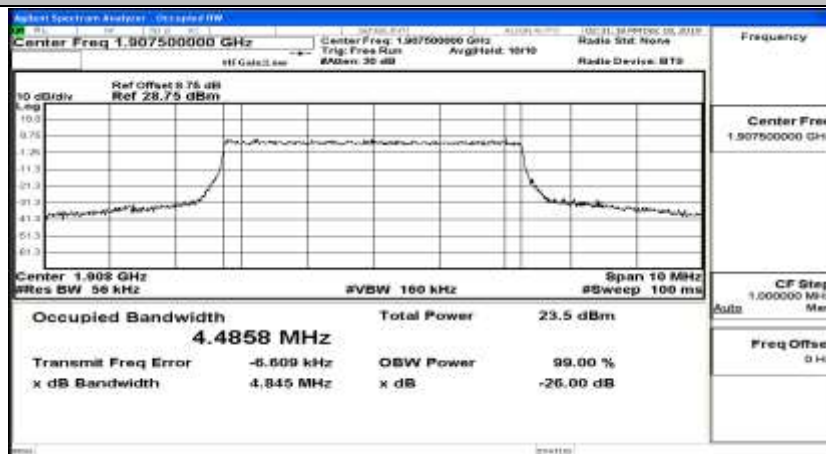
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_16QAM



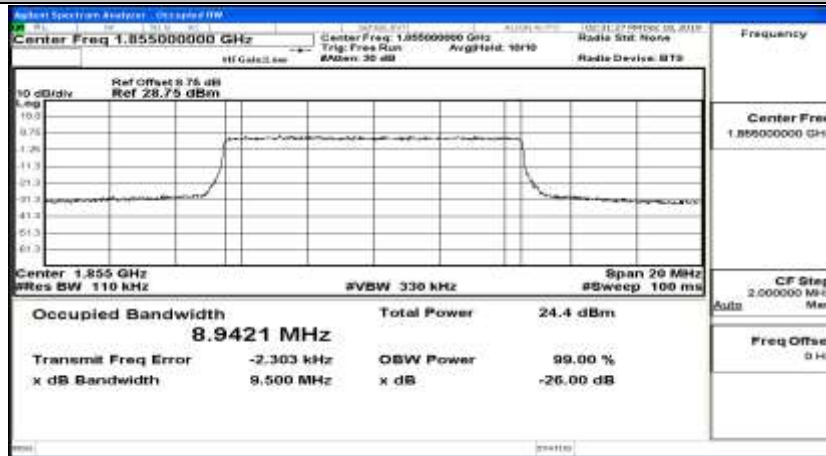
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_16QAM



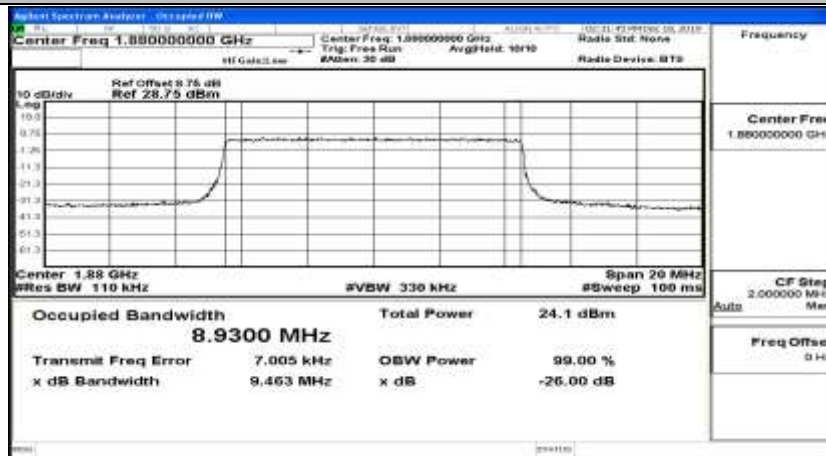
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_16QAM



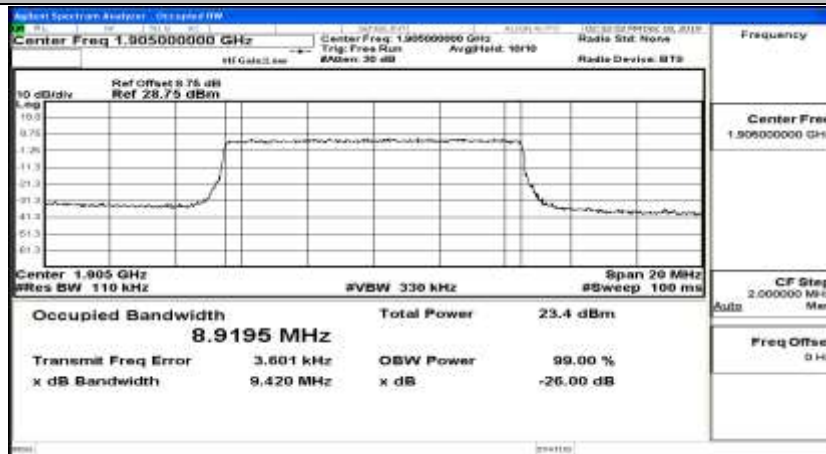
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK



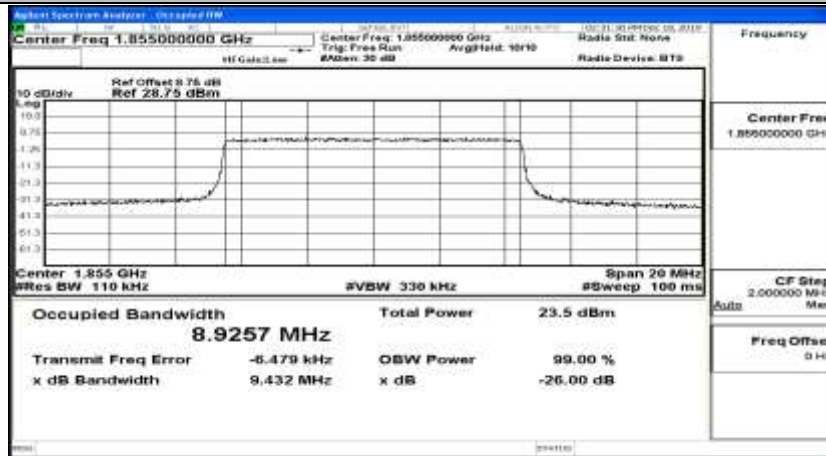
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_QPSK



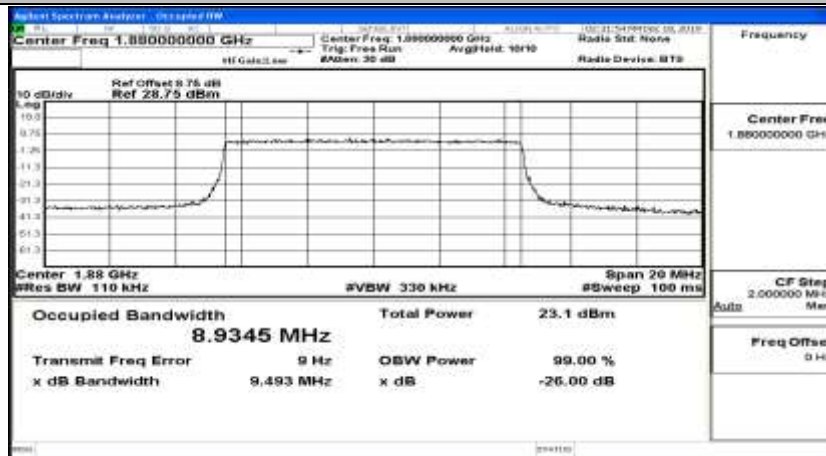
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_QPSK



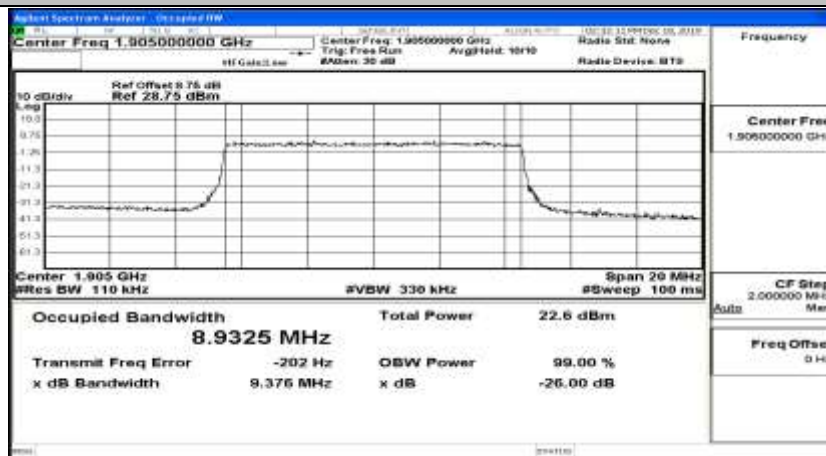
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_16QAM



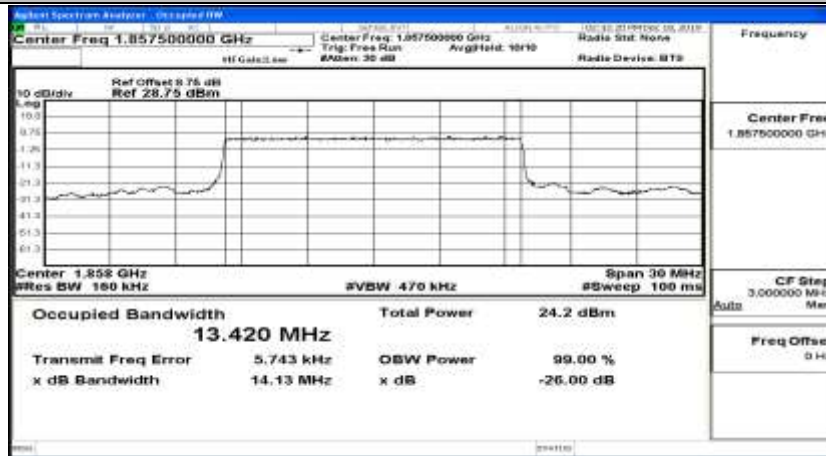
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_16QAM



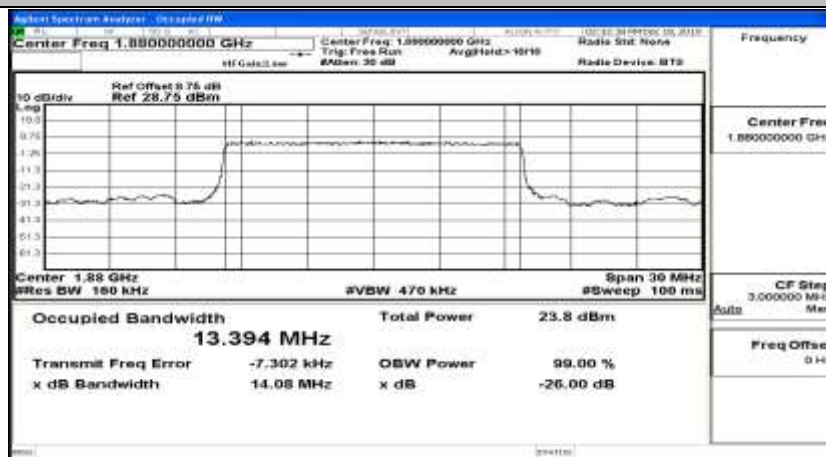
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_16QAM



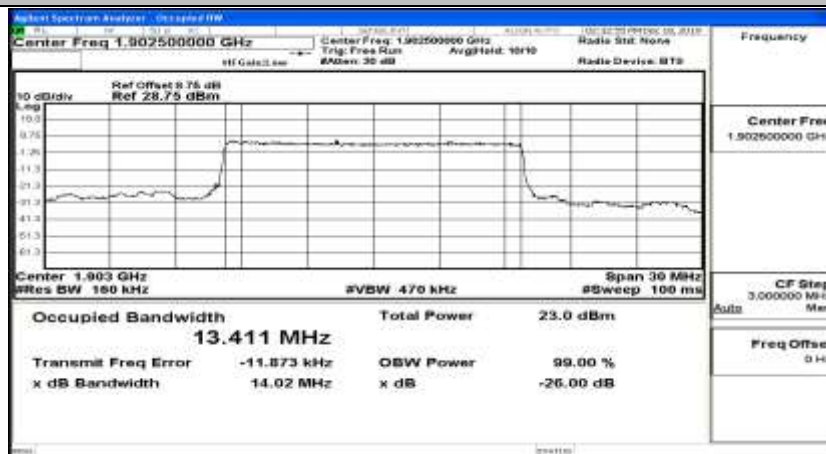
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_QPSK



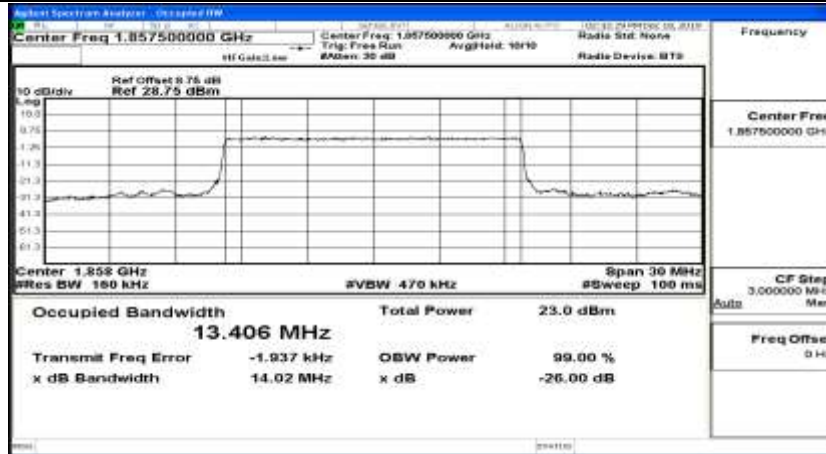
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_QPSK



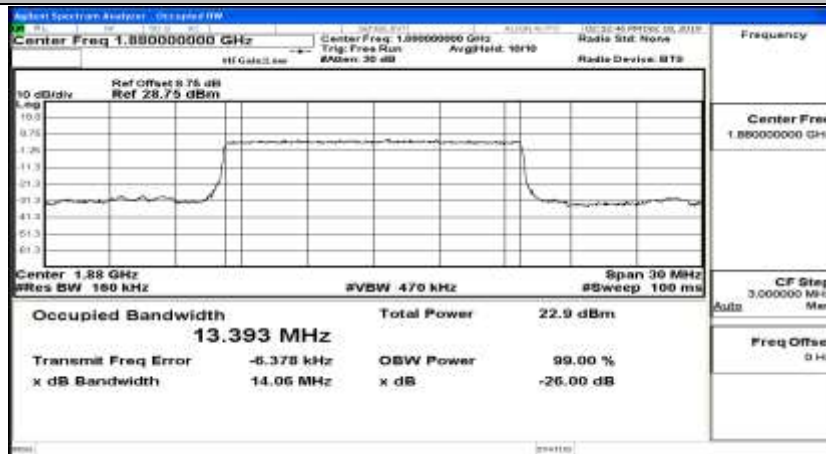
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_QPSK



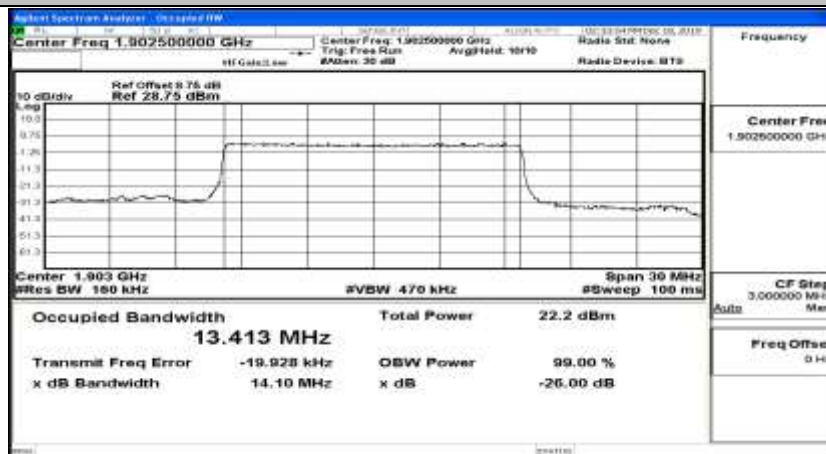
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_16QAM



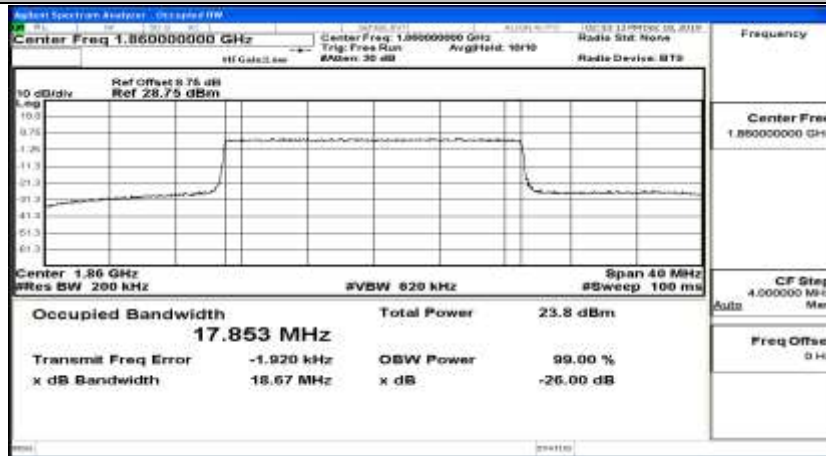
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_MCH\_16QAM



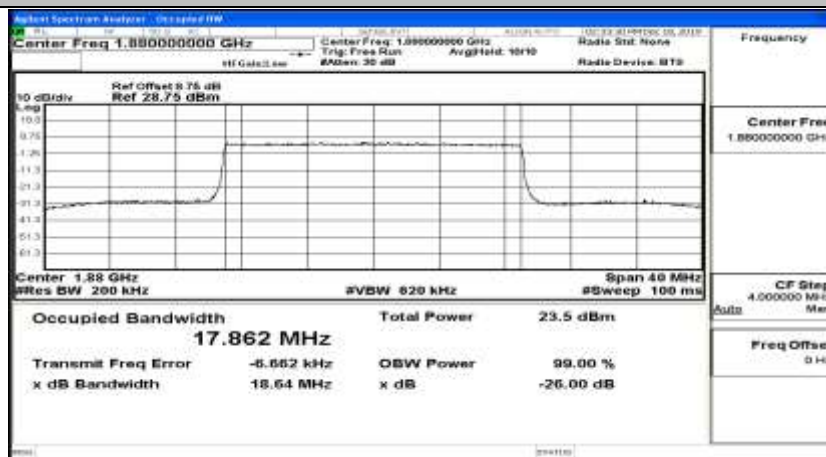
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_16QAM



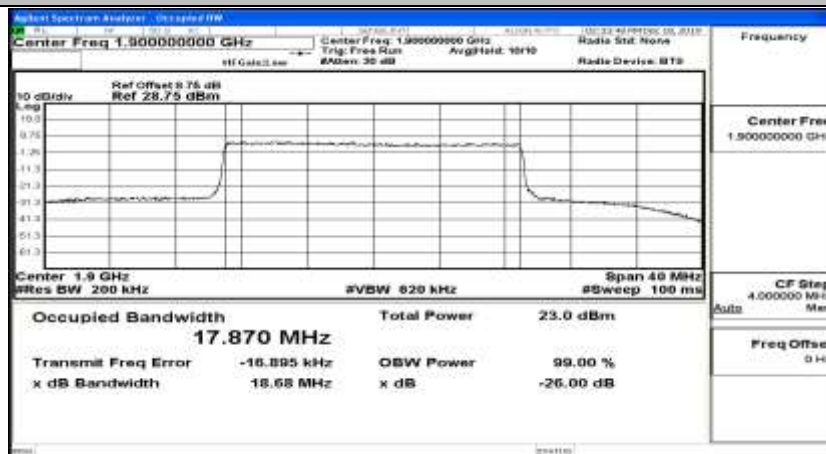
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_QPSK



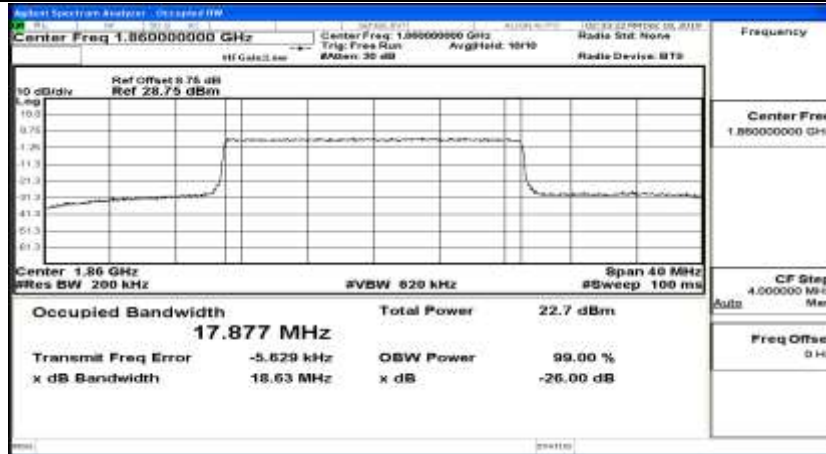
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_MCH\_QPSK



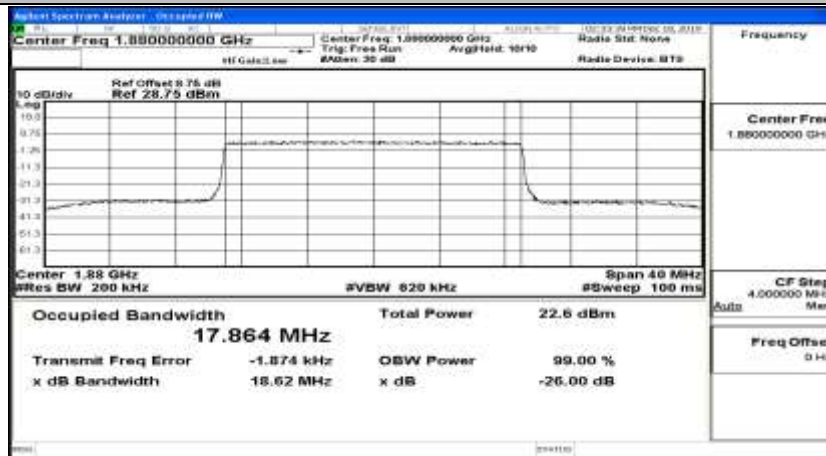
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_QPSK



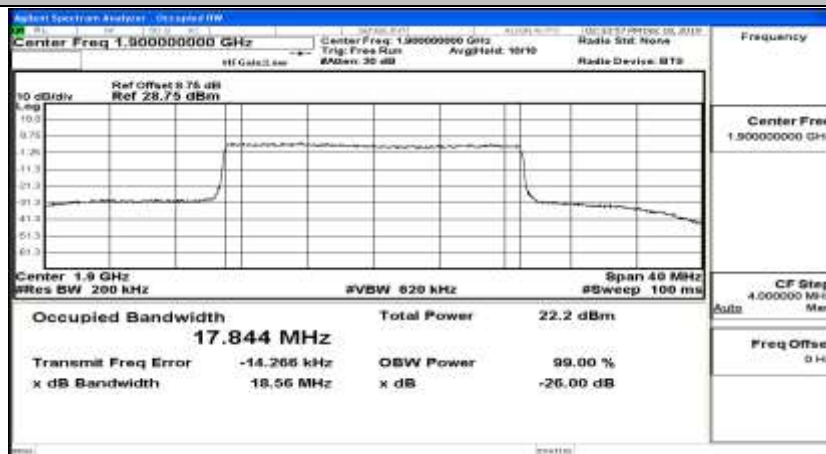
## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_16QAM



## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_MCH\_16QAM

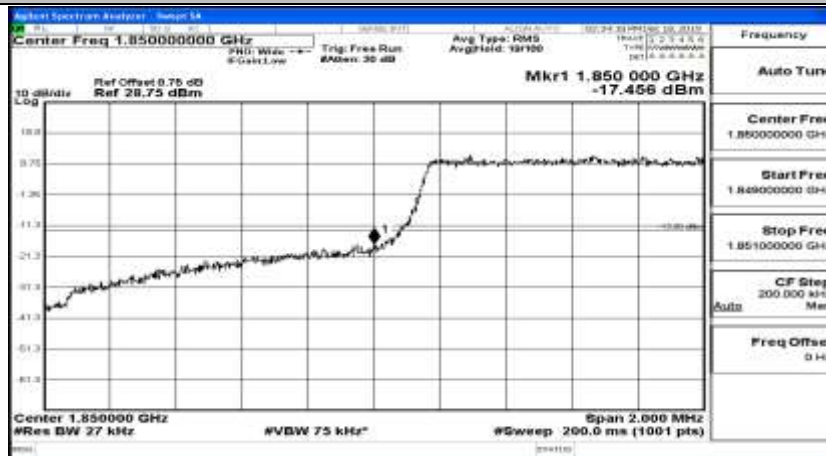


## EBW &amp; OBW Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_16QAM



## D.4 Band Edge

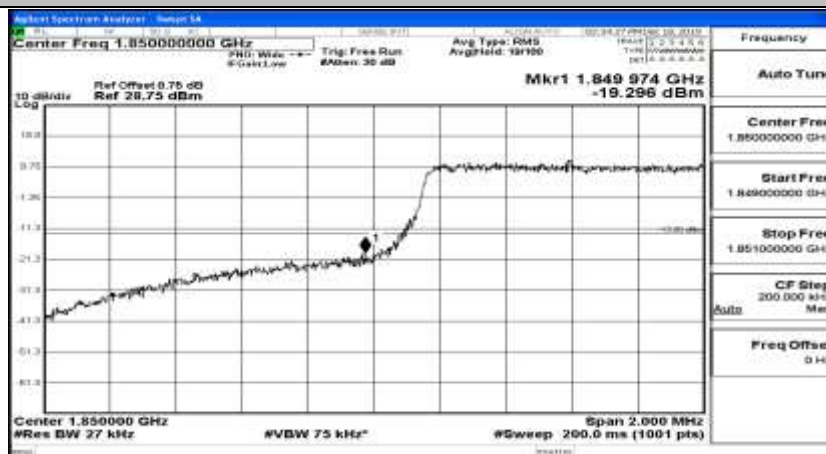
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK



Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK



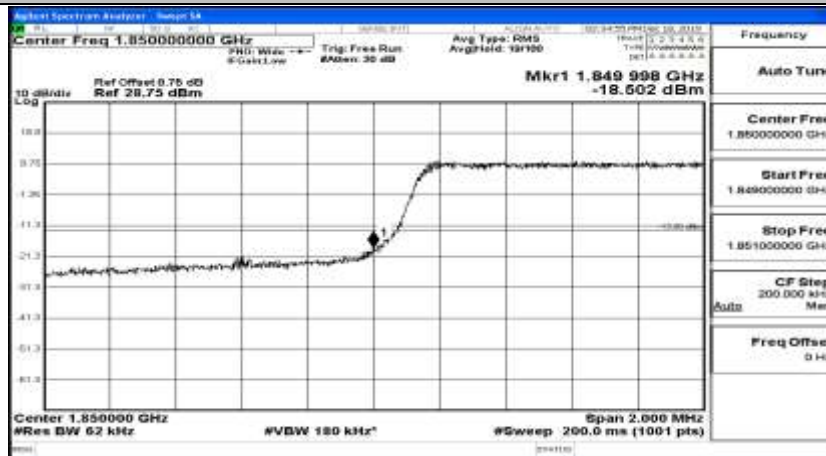
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM



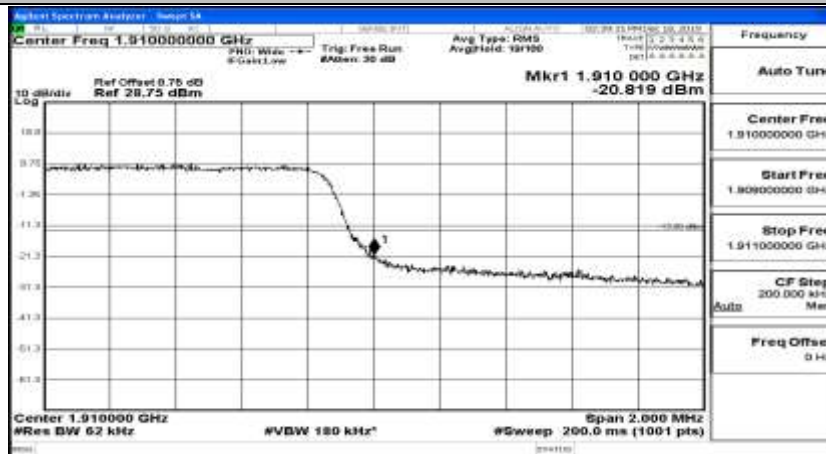
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM



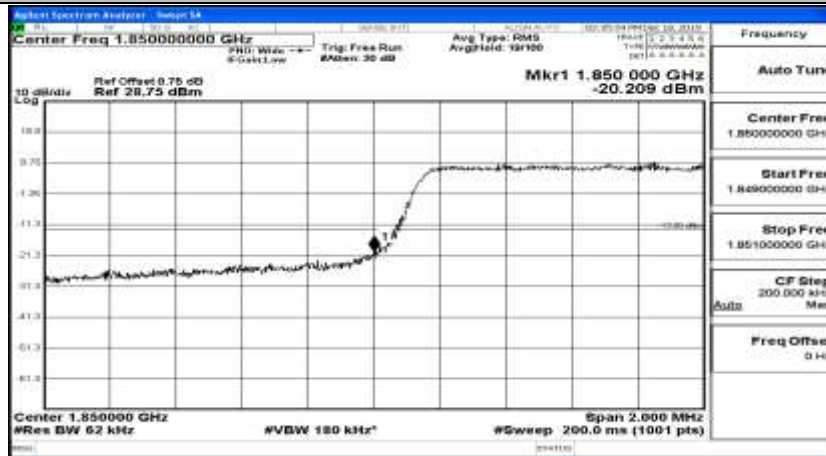
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_QPSK



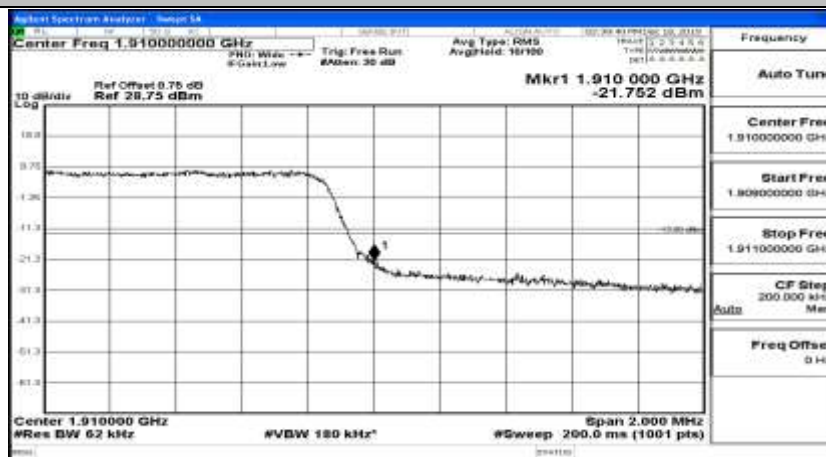
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_QPSK



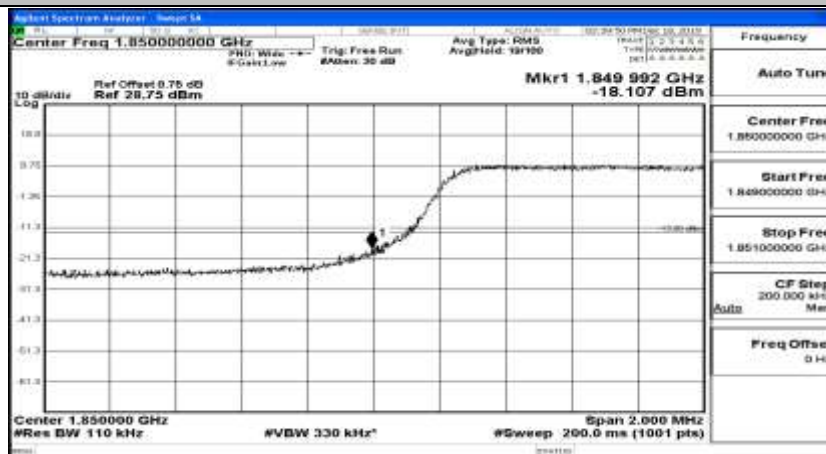
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)\_LCH\_16QAM



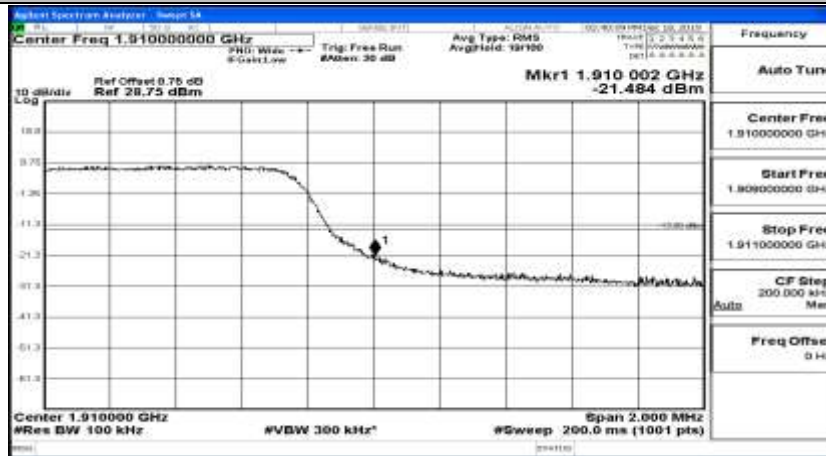
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)\_HCH\_16QAM



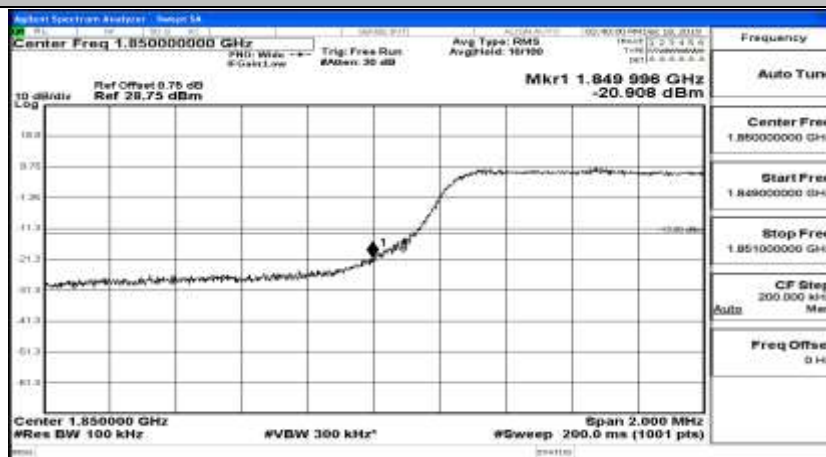
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_QPSK



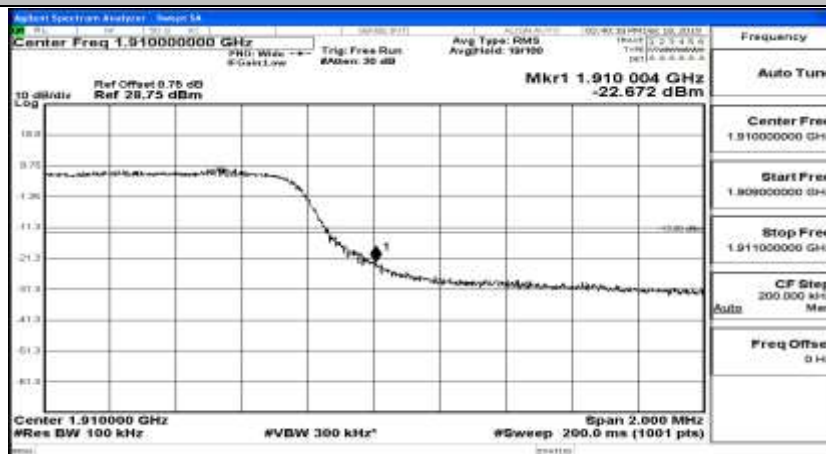
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_QPSK



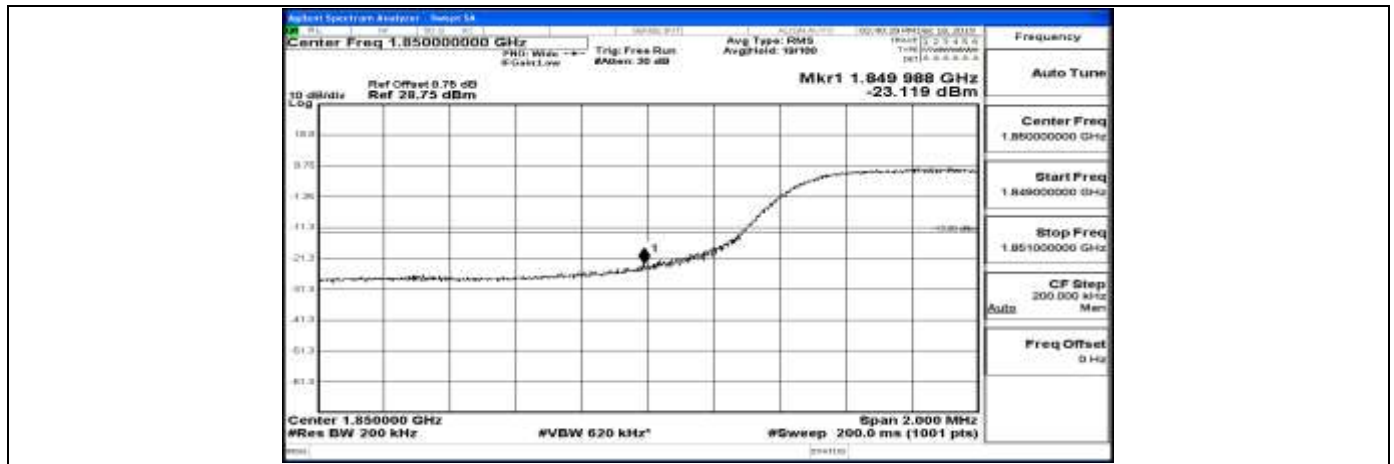
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_16QAM



Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_16QAM



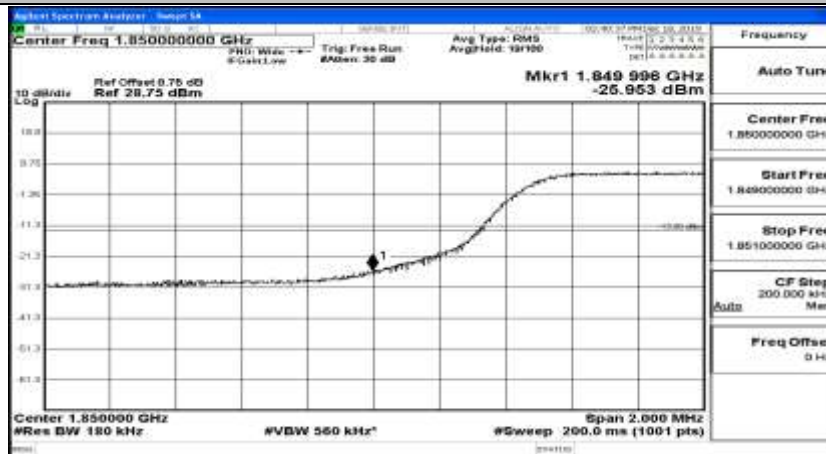
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK



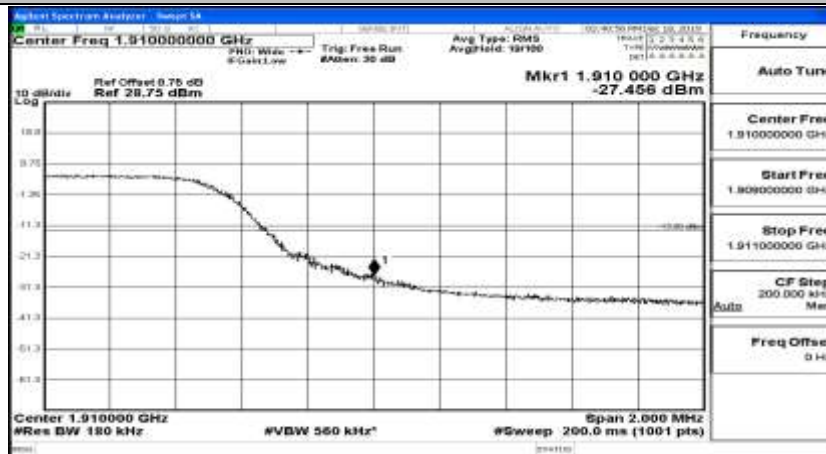
## Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_QPSK



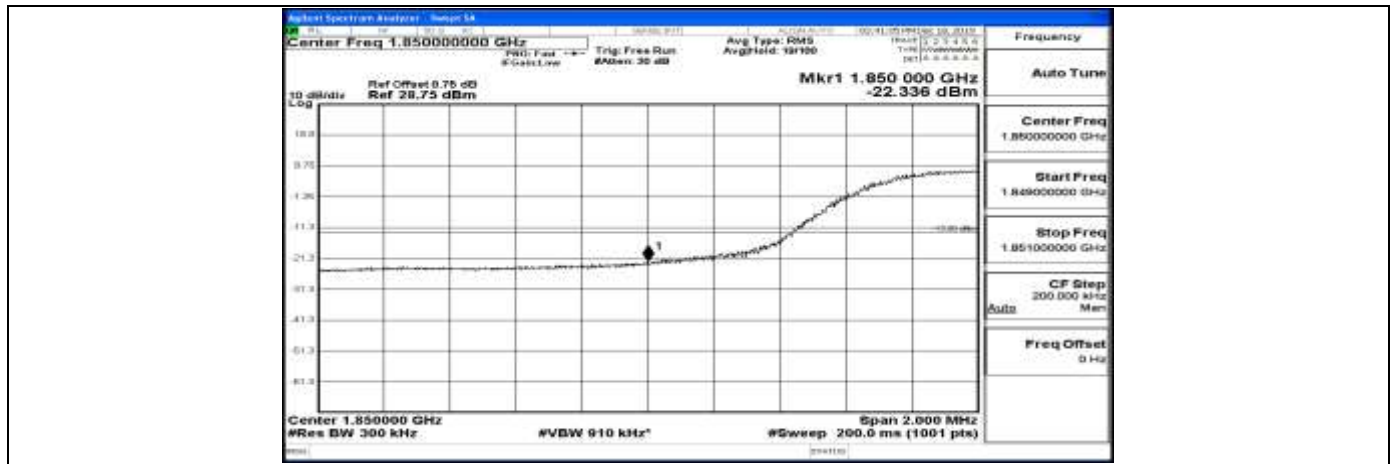
## Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_16QAM



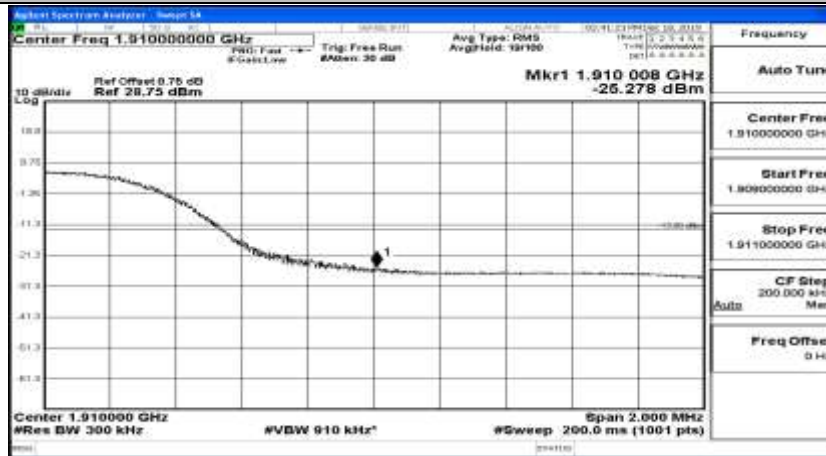
## Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_16QAM



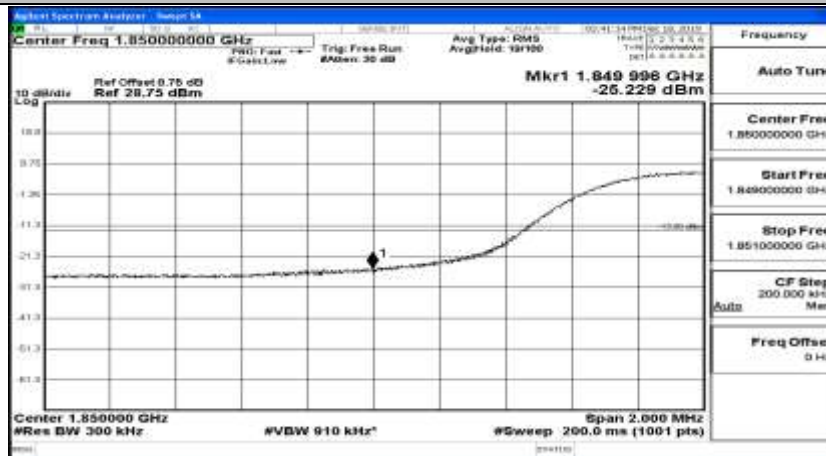
## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_QPSK



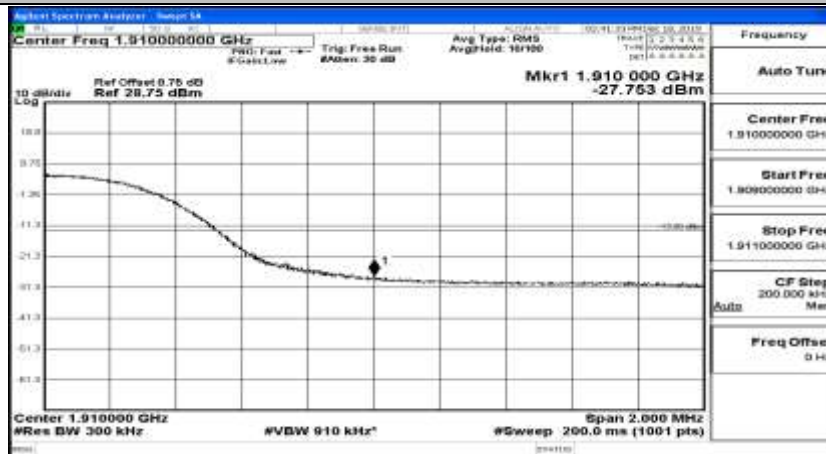
## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_QPSK



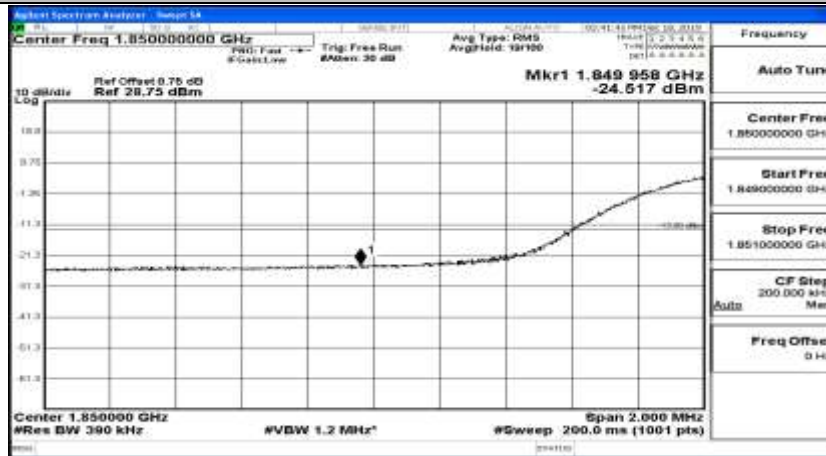
## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_16QAM



## Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_HCH\_16QAM



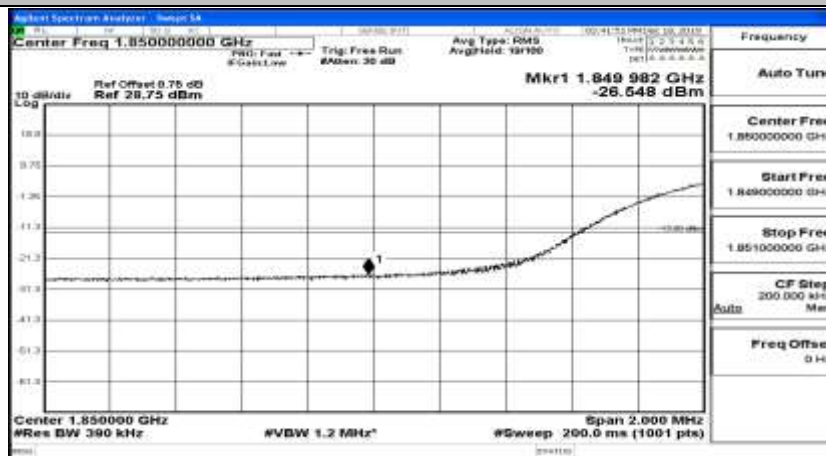
## Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_QPSK



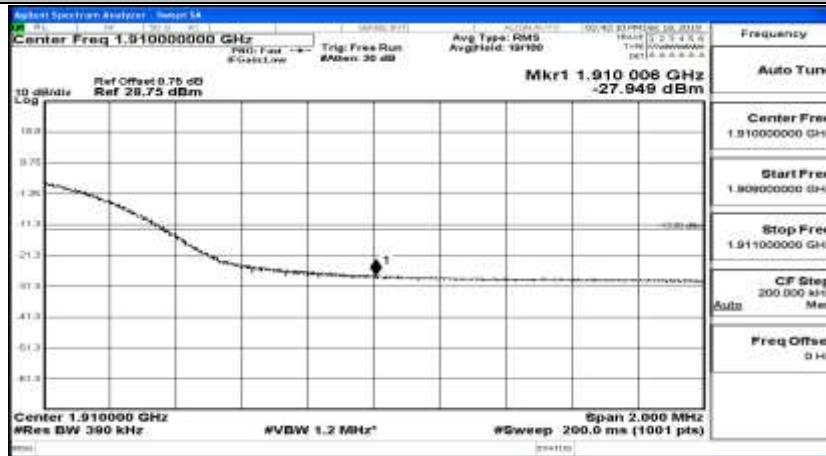
## Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_QPSK



## Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)\_LCH\_16QAM

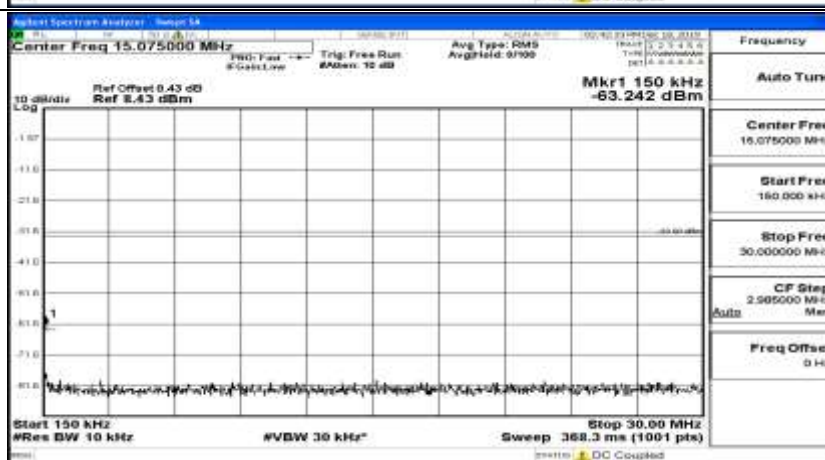
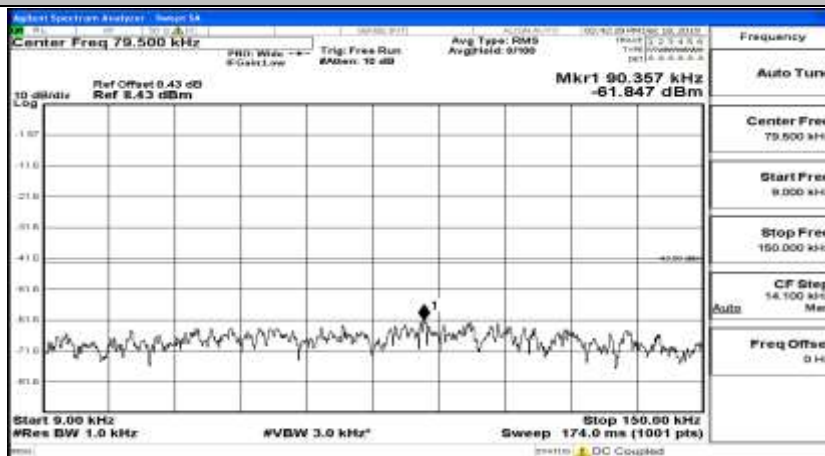


## Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_16QAM

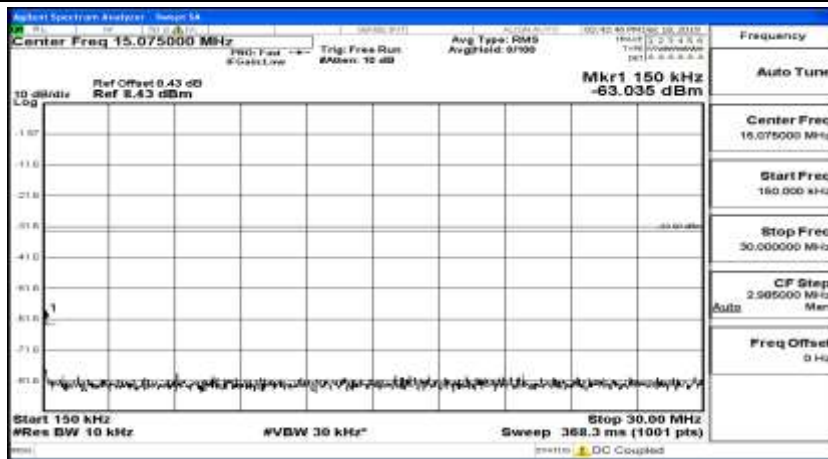
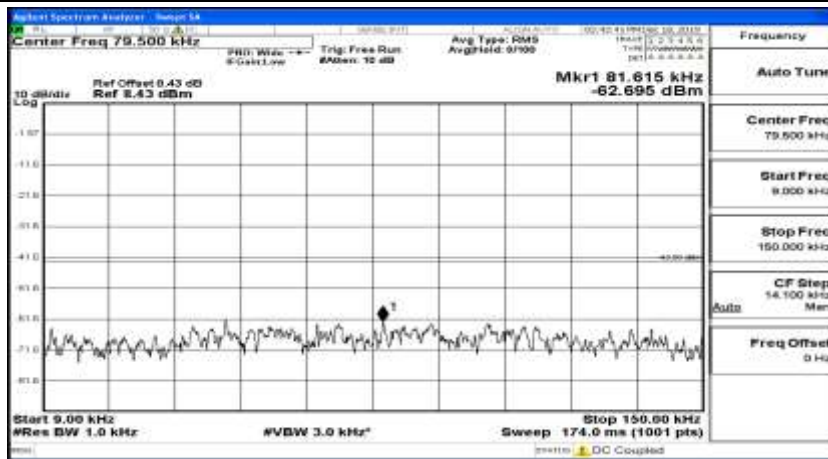


## D.5 Conducted Spurious Emission

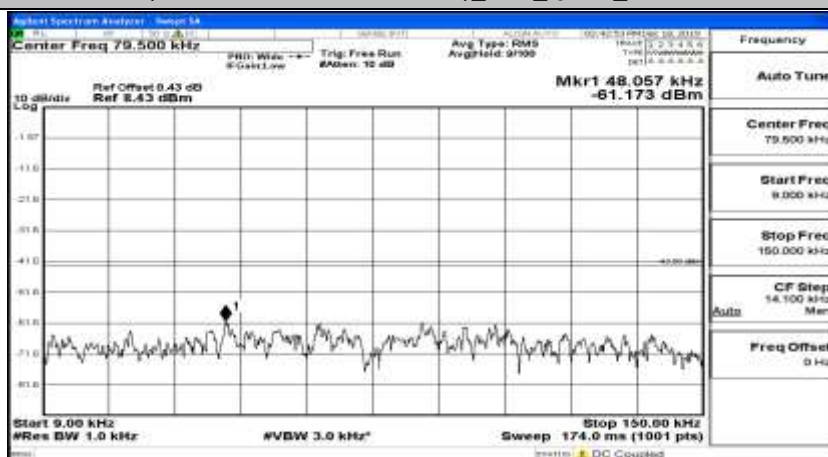
(Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK\_1RB#0

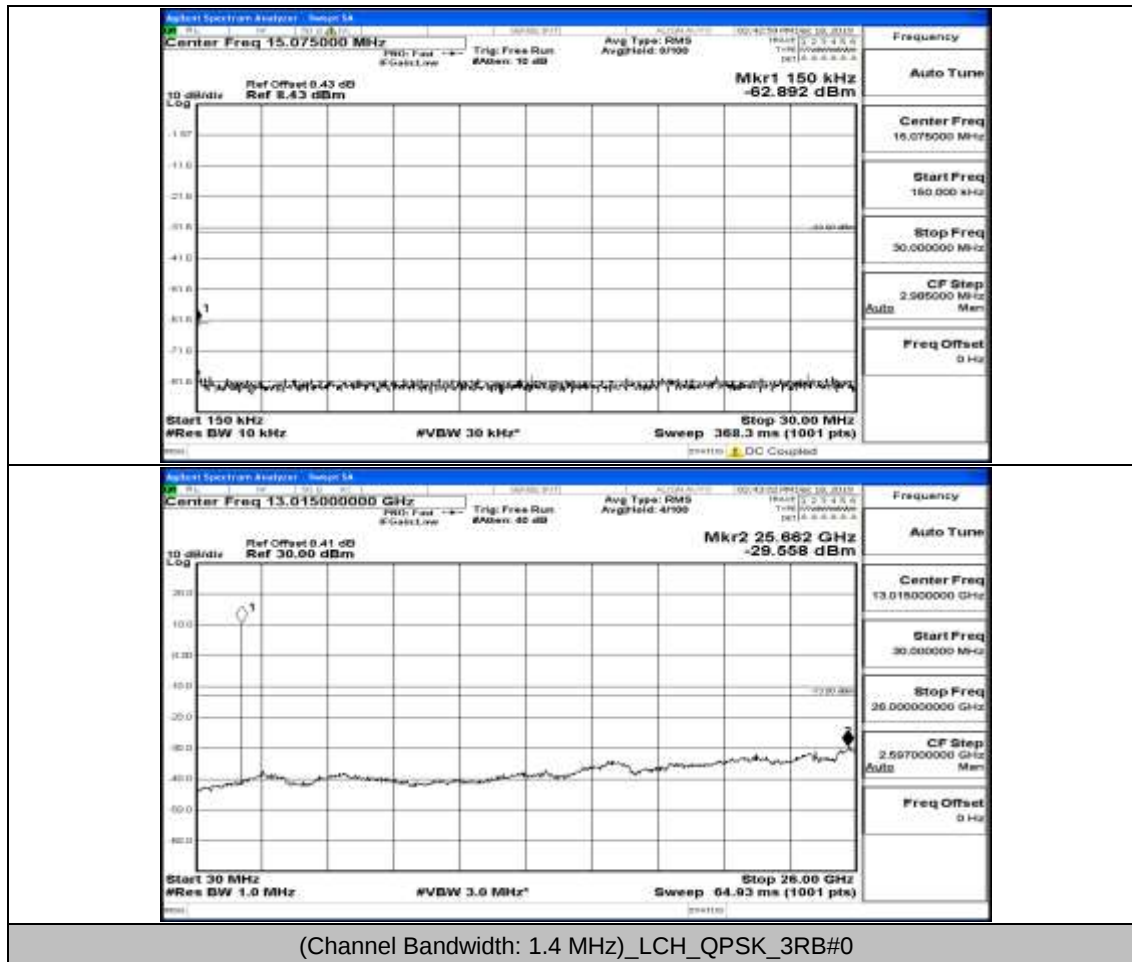


(Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK\_1RB#3

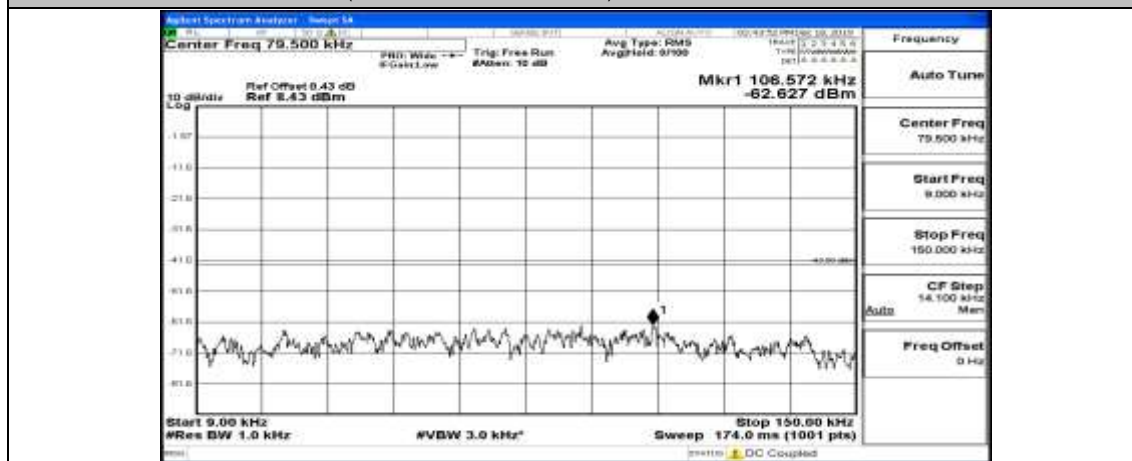


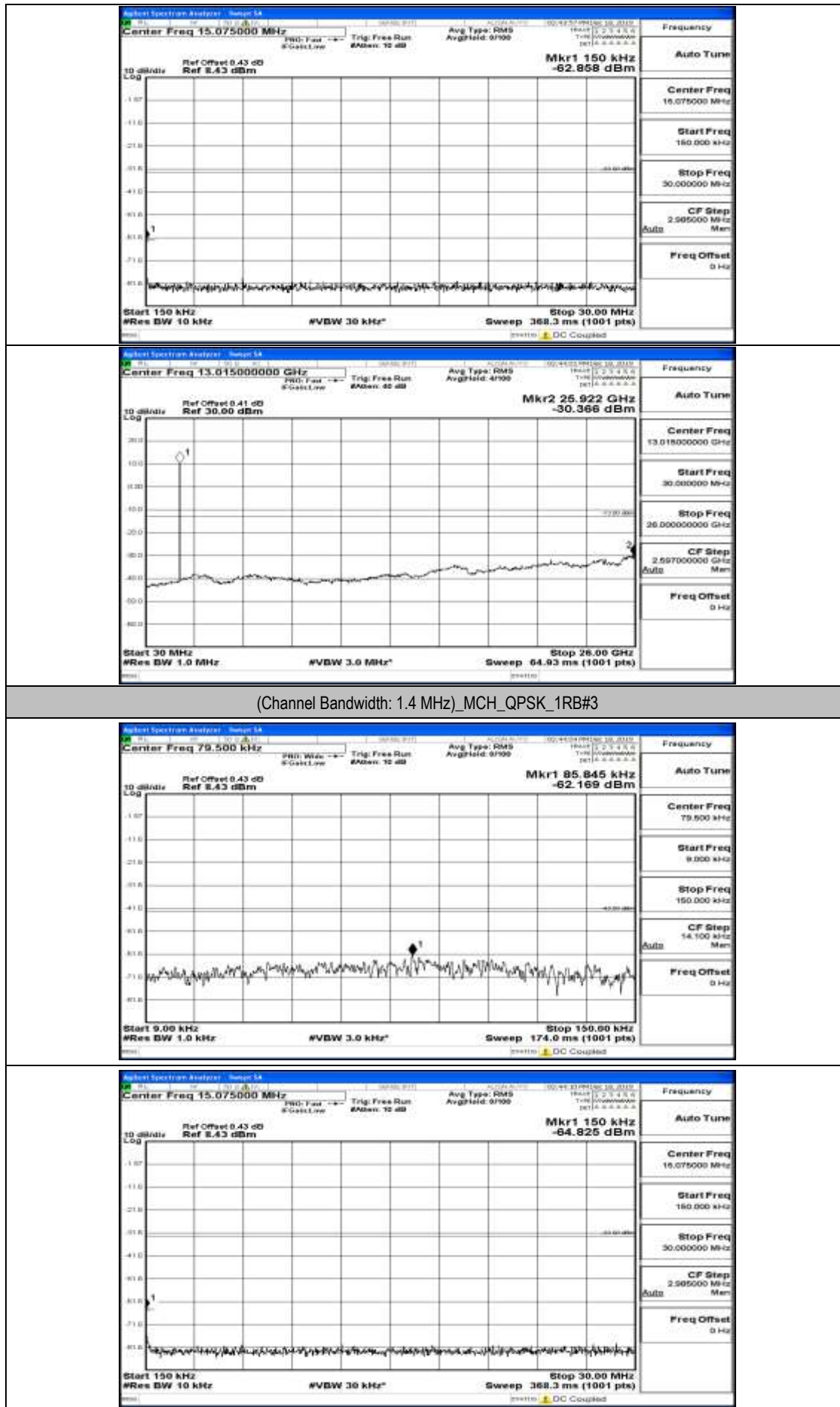
(Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK\_1RB#5





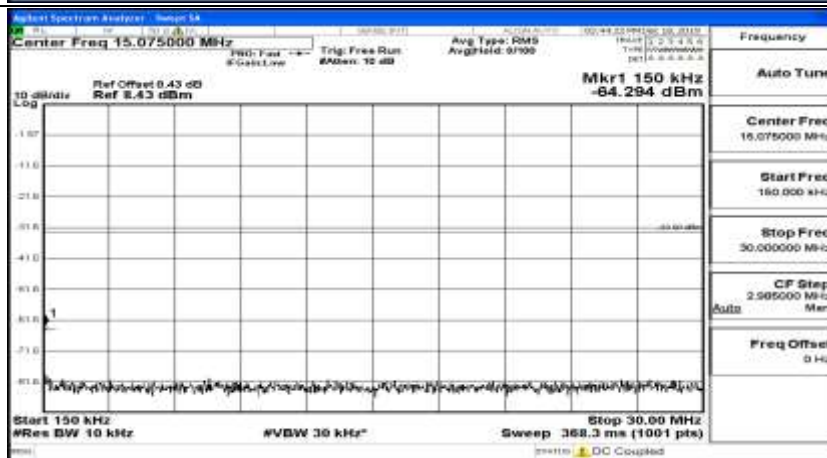
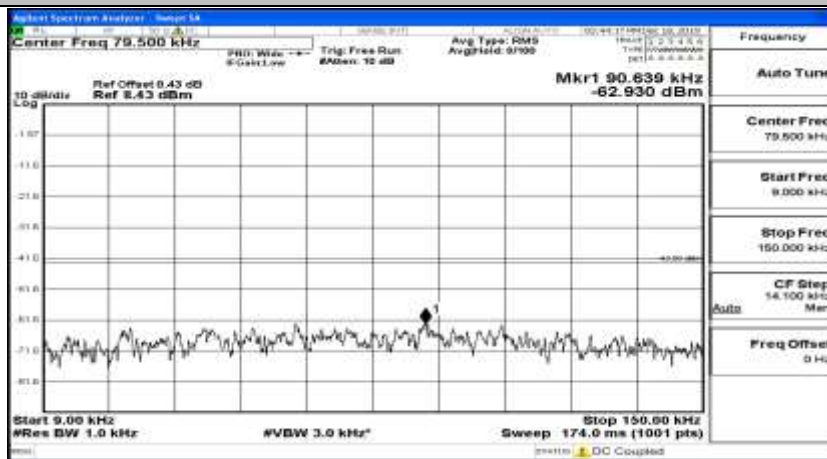
(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_1RB#0



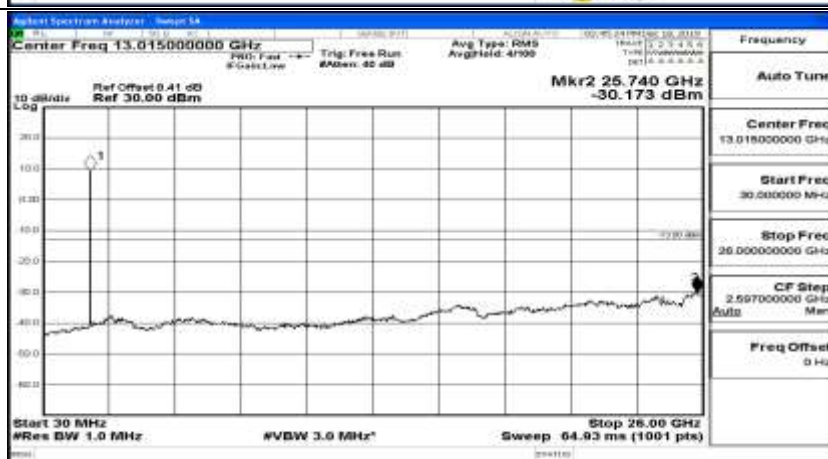
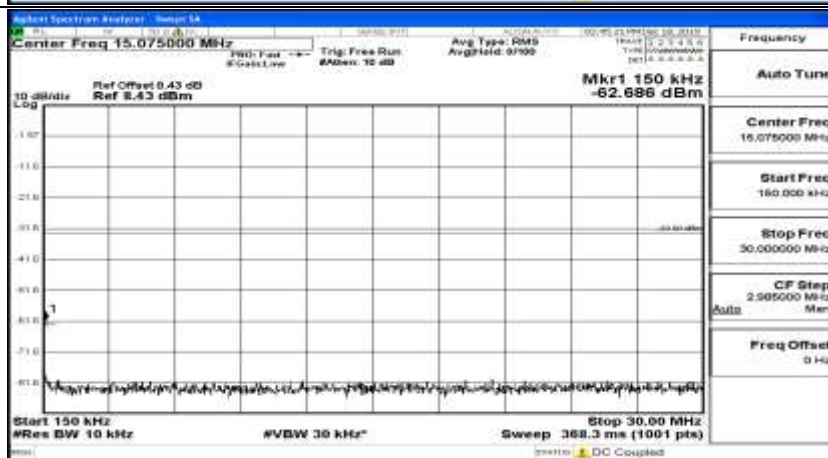
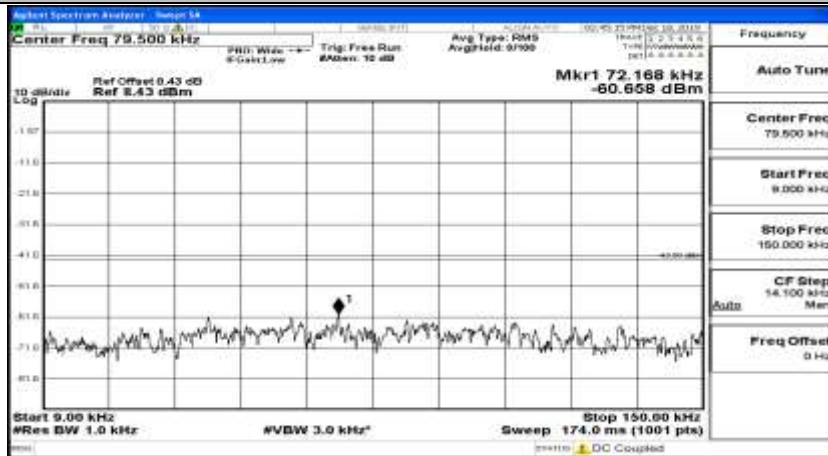




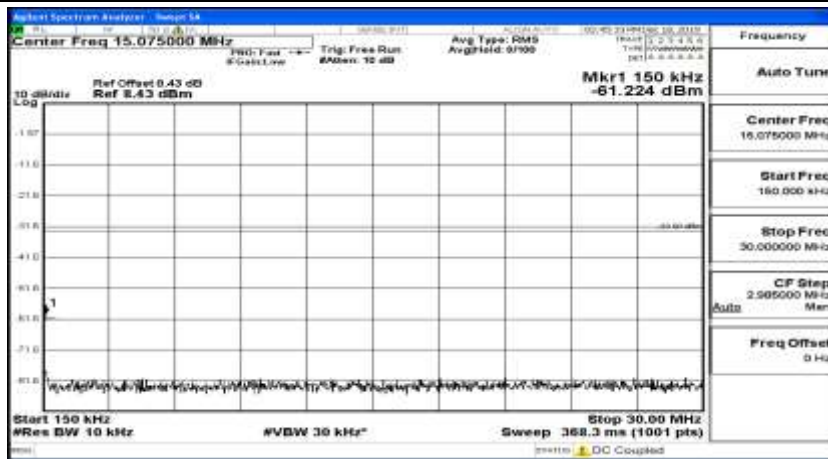
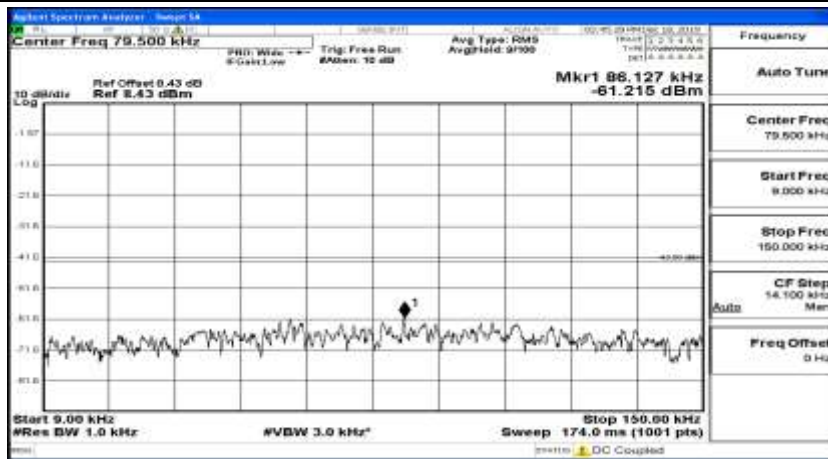
(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_1RB#5



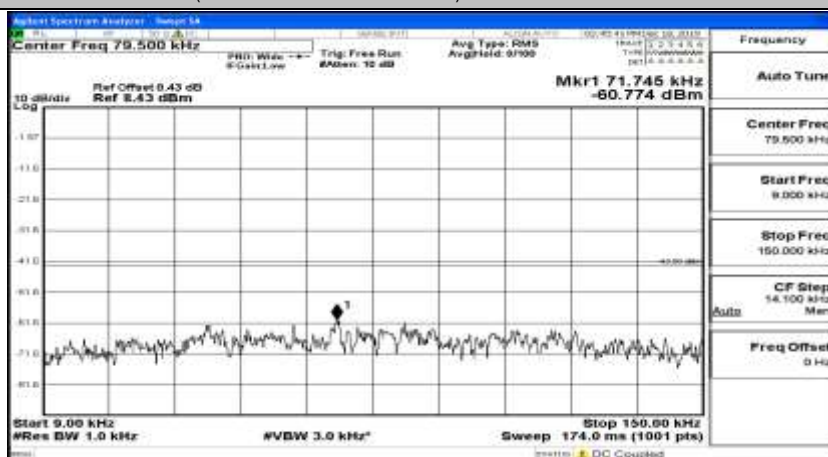
(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_1RB#0

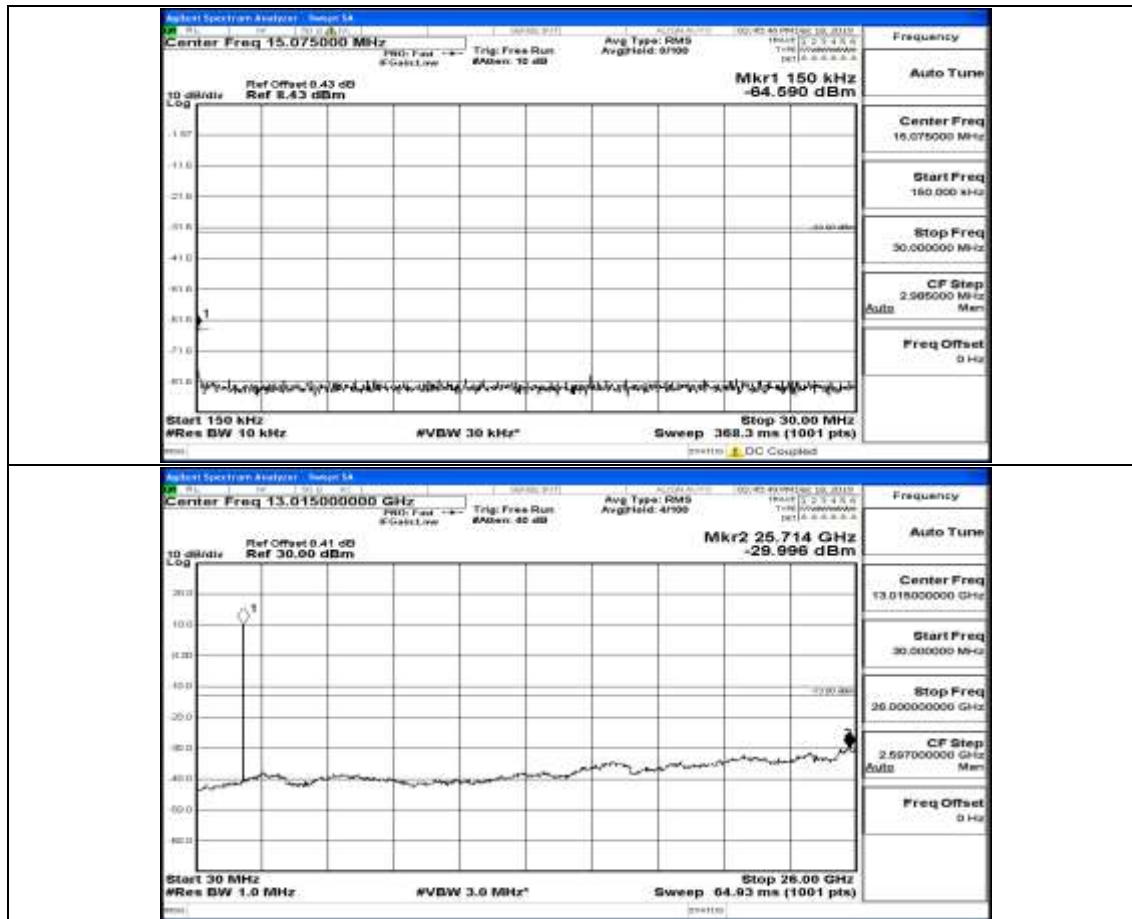


(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_1RB#3

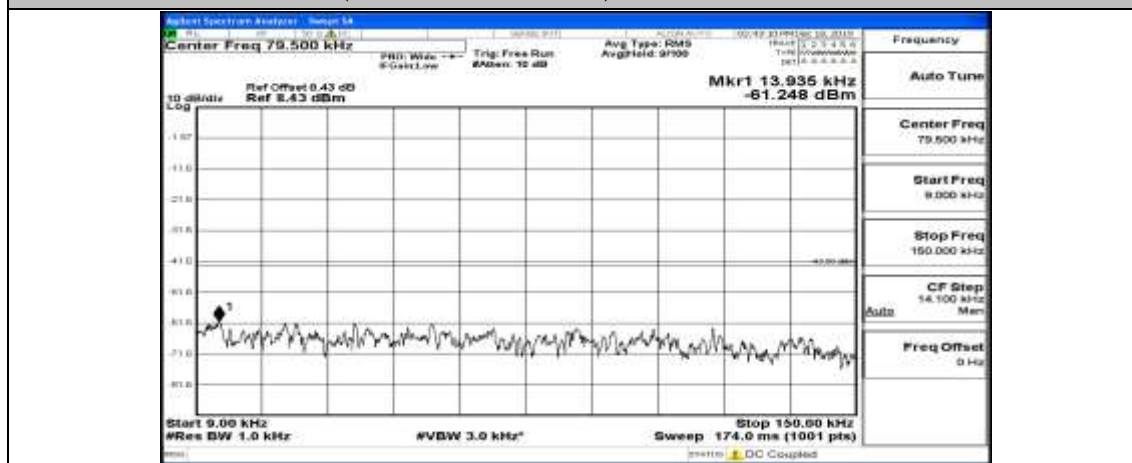


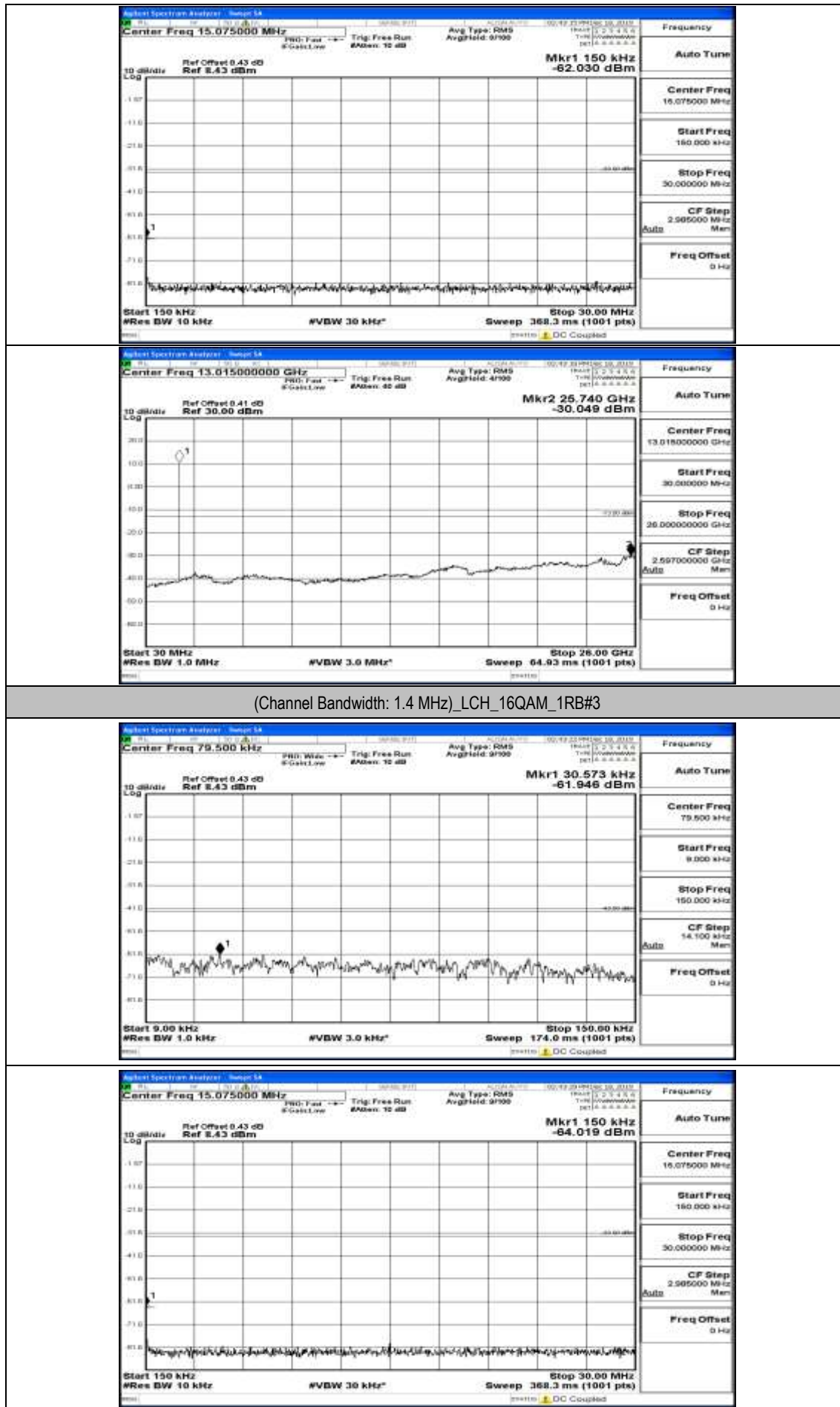
(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_1RB#5





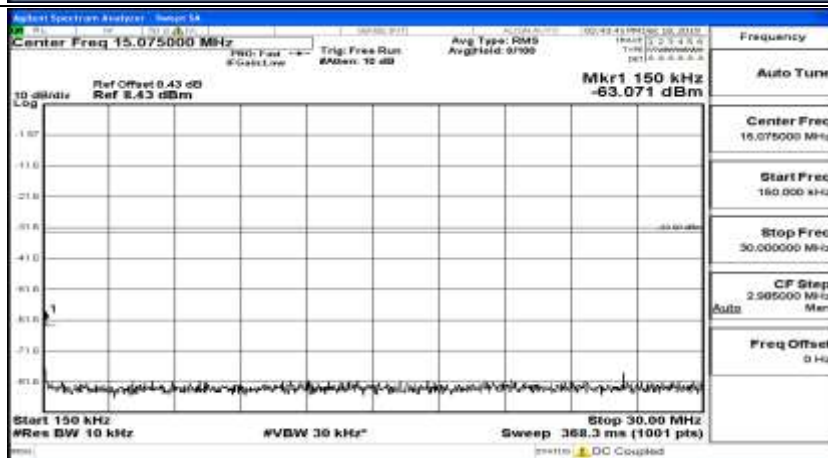
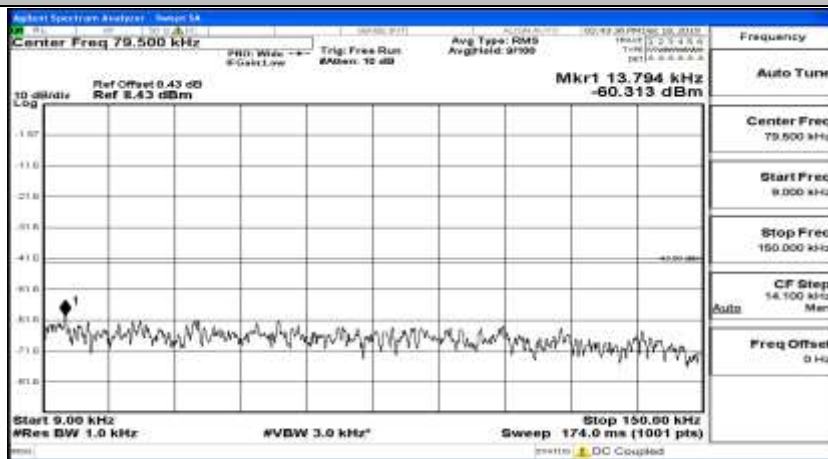
(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_1RB#0



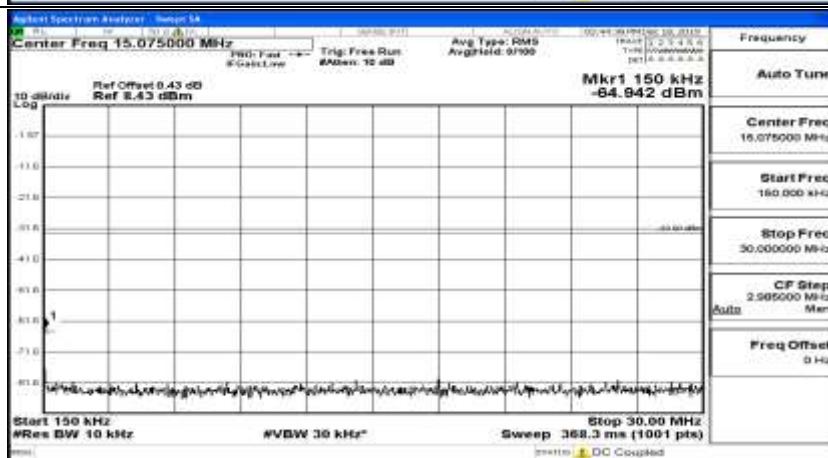
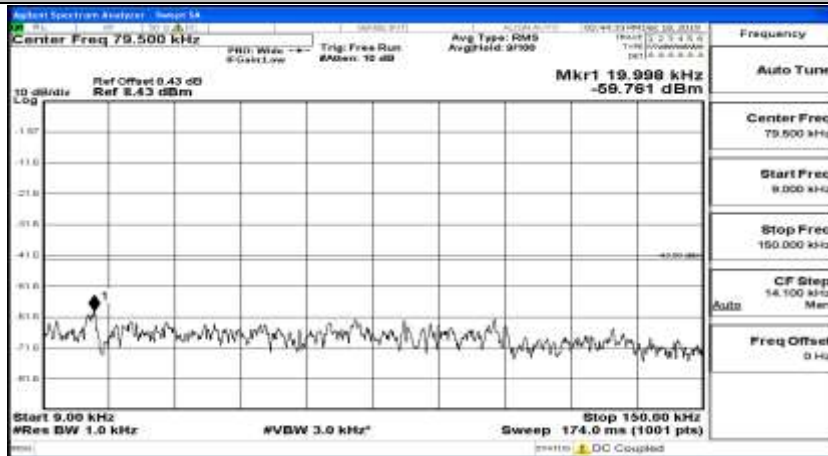




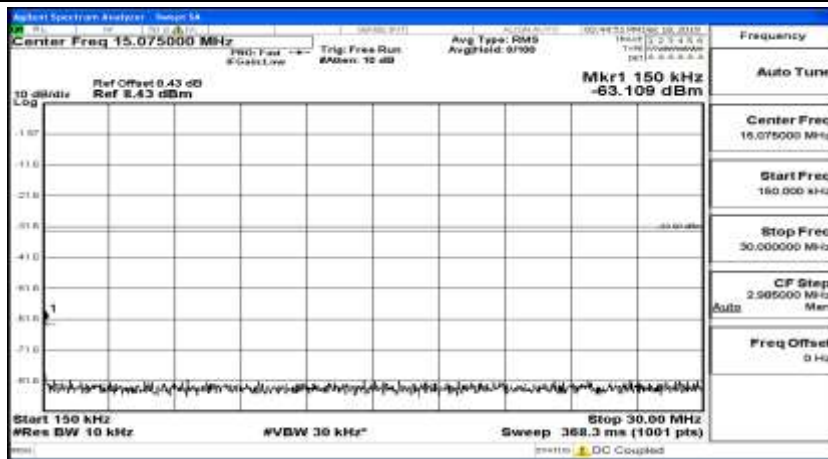
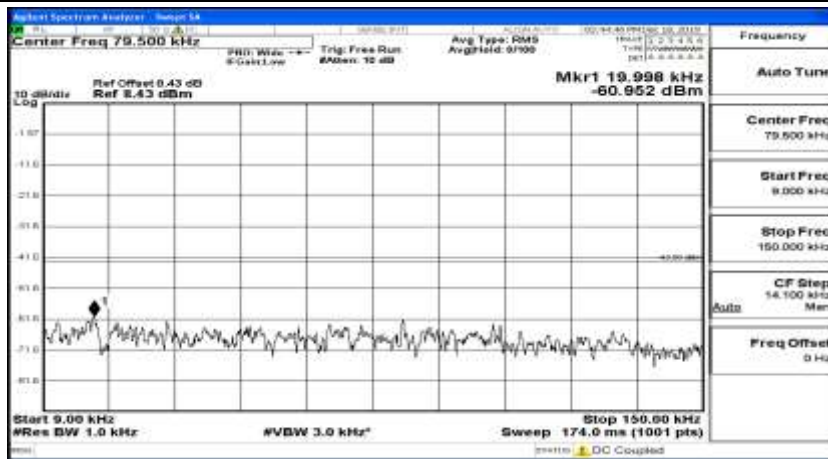
(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_1RB#5



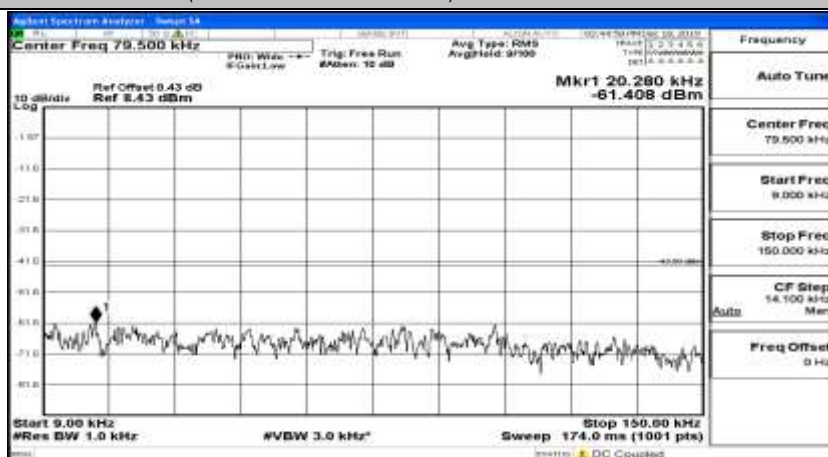
(Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM\_1RB#0

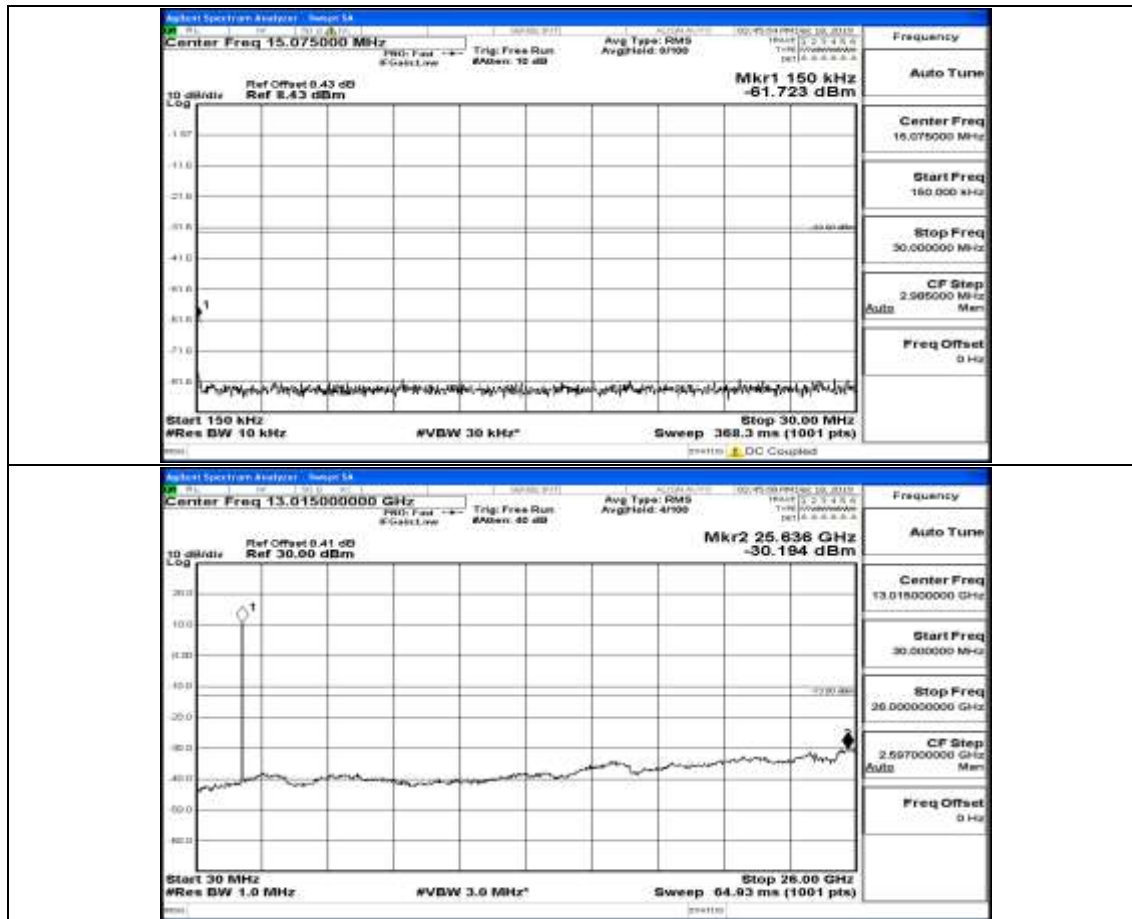


(Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM\_1RB#3

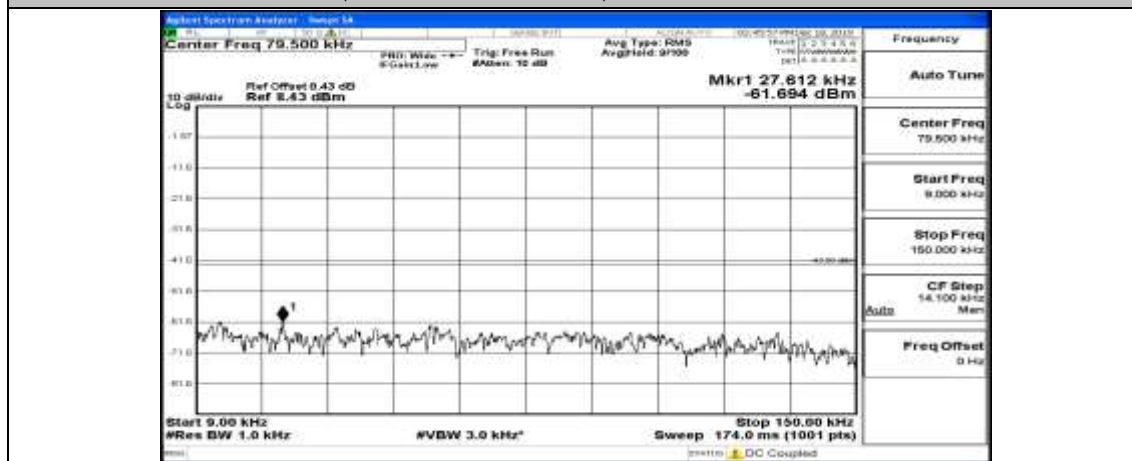


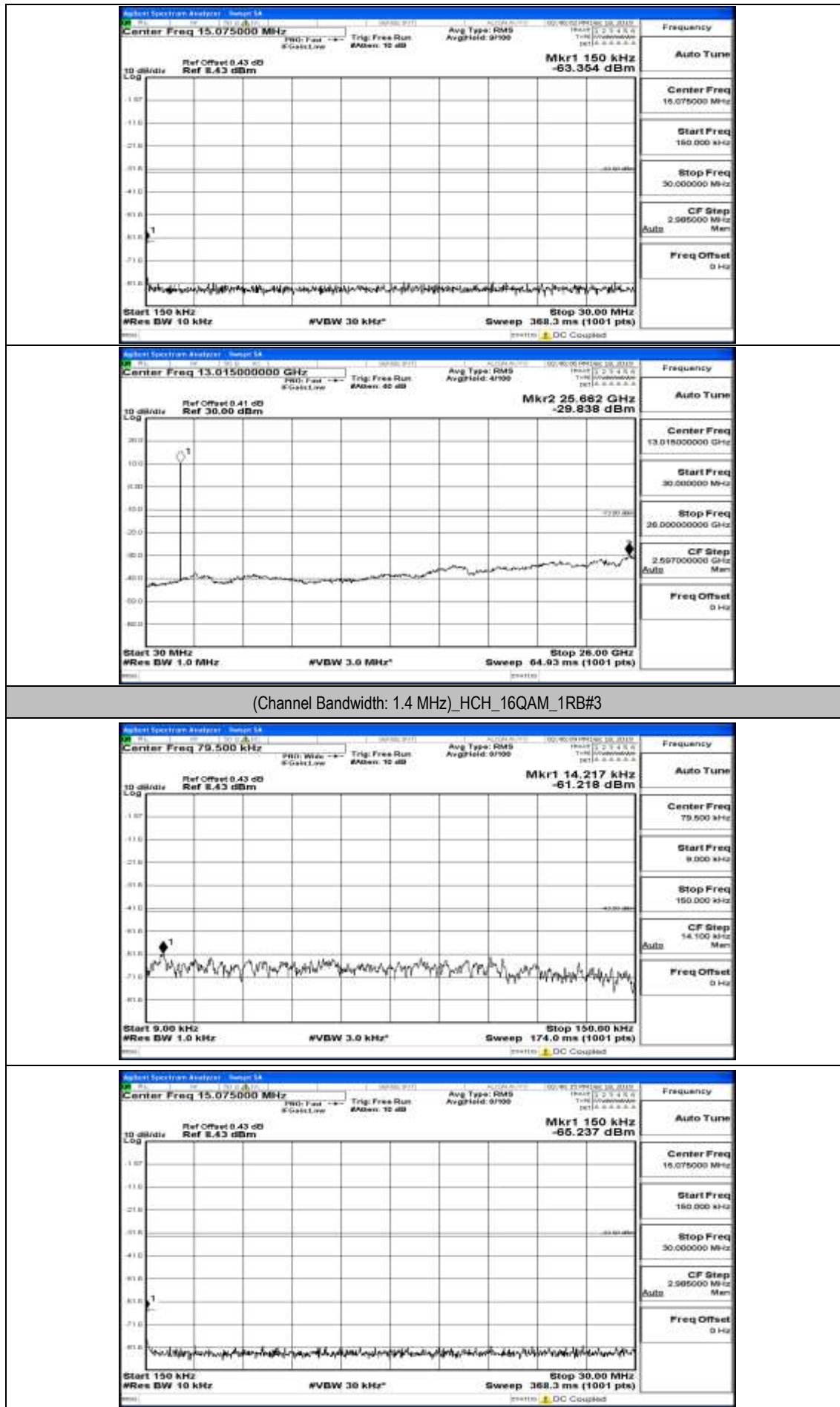
(Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM\_1RB#5





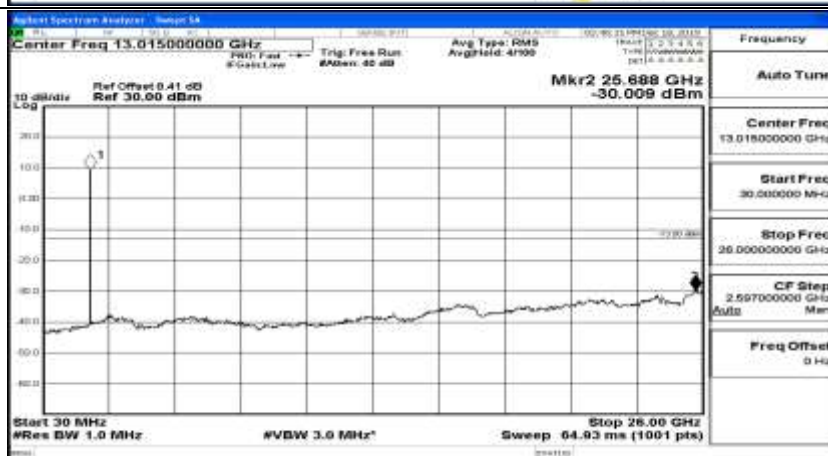
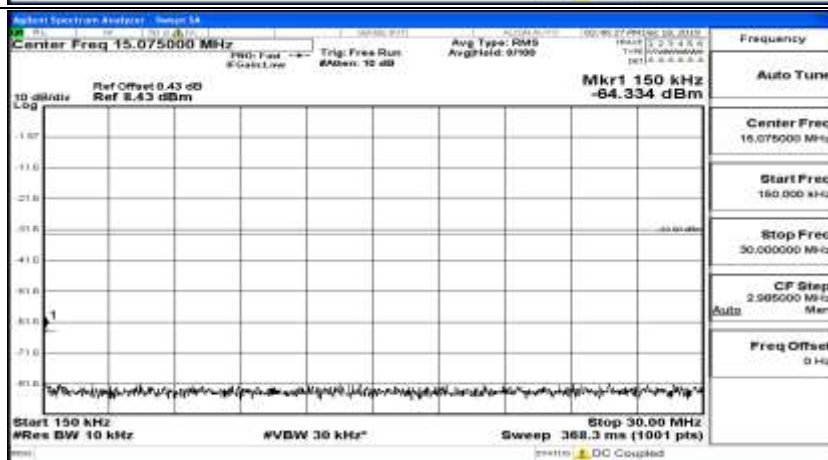
(Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM\_1RB#0





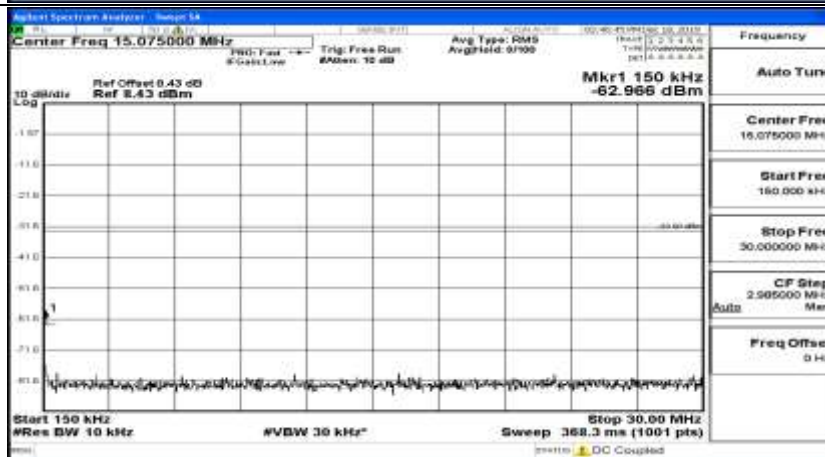
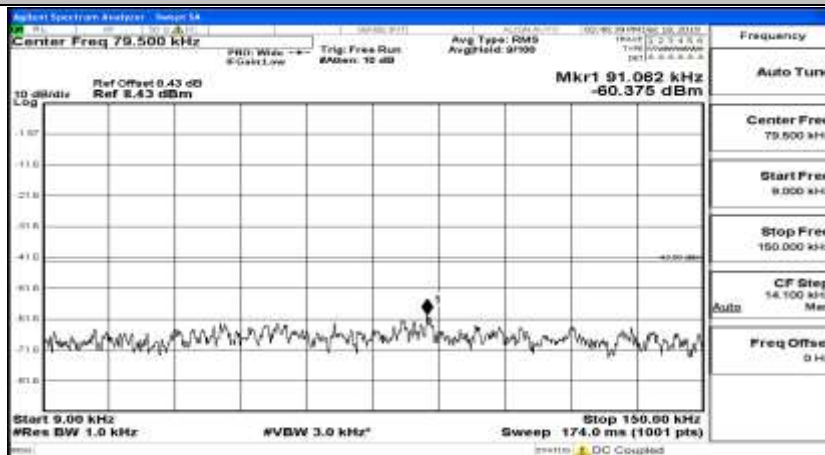


(Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM\_1RB#5

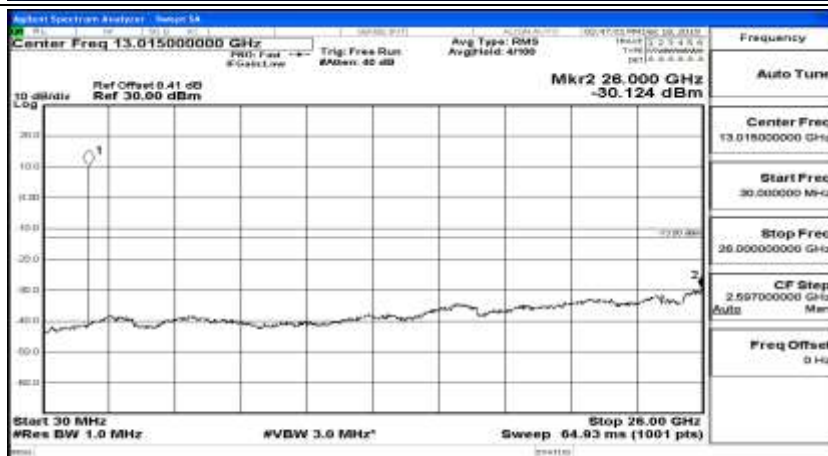
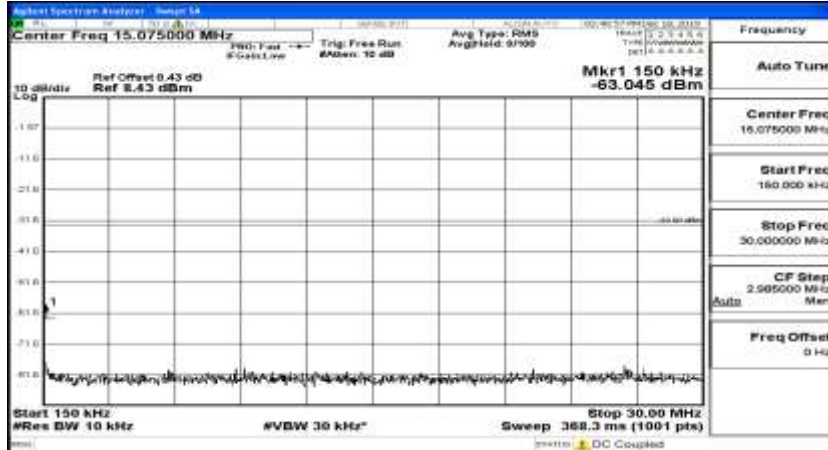
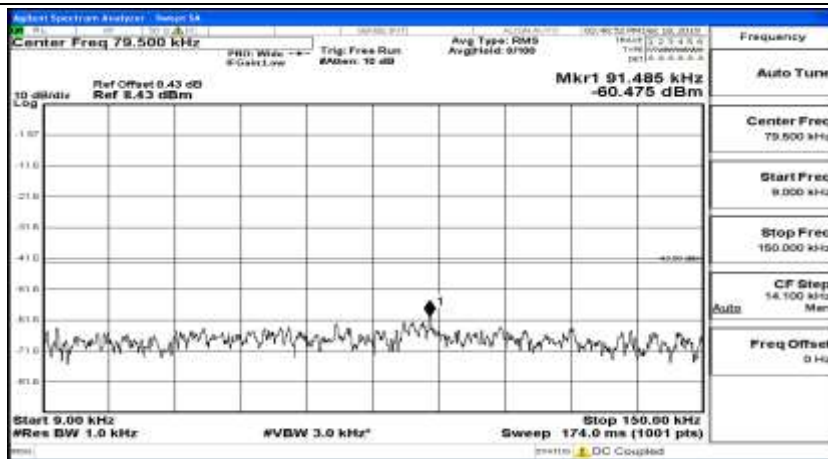


## Channel Bandwidth: 3 MHz

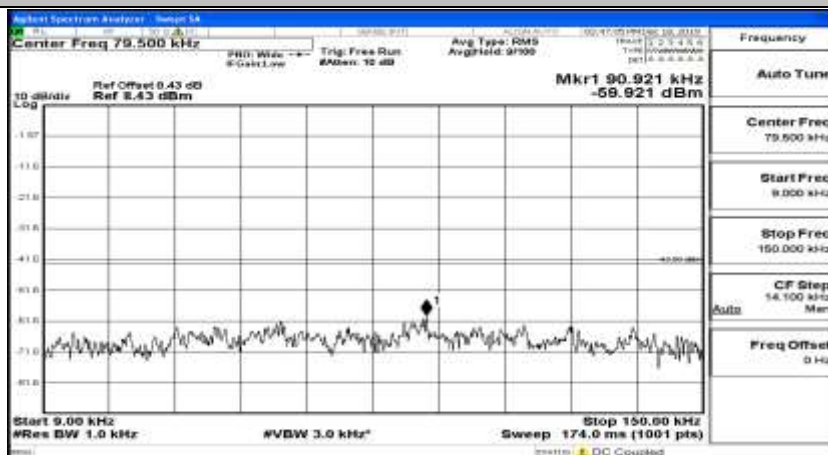
(Channel Bandwidth: 3 MHz)\_LCH\_QPSK\_1RB#0

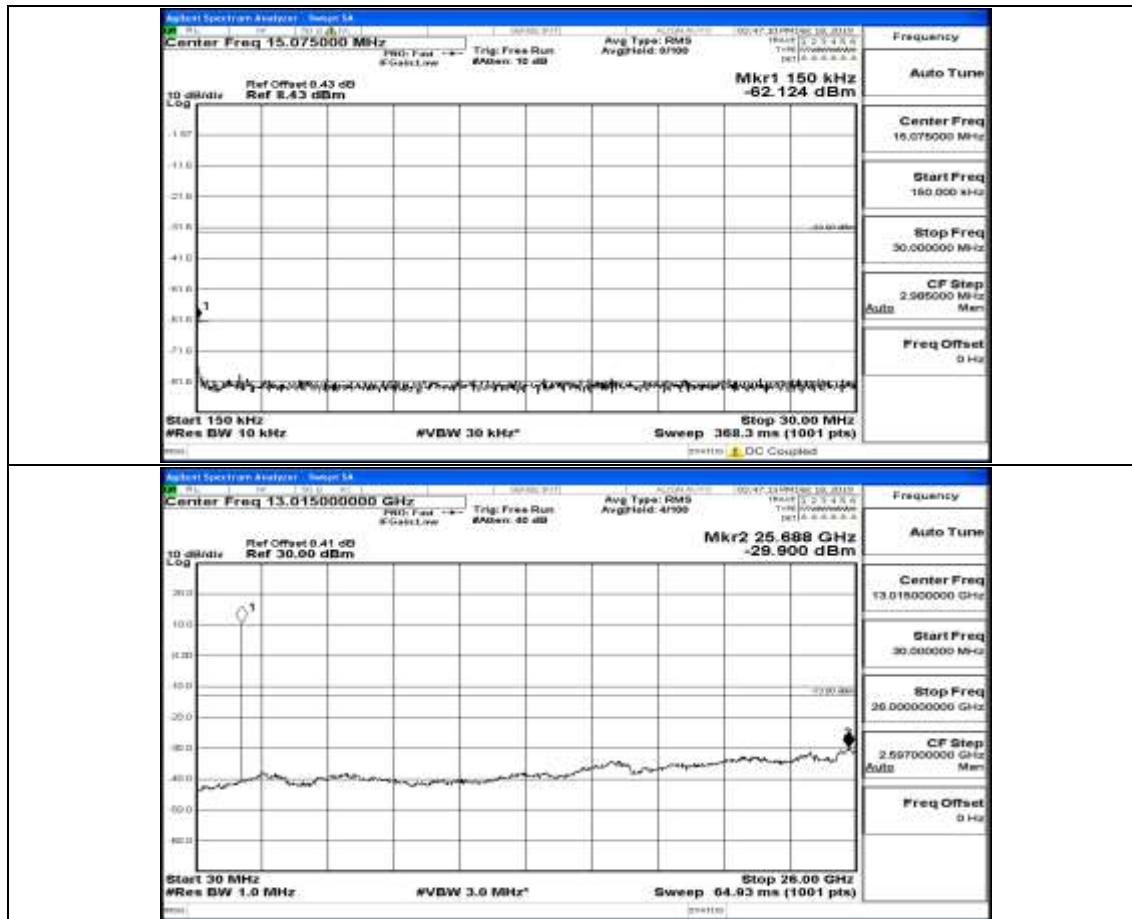


(Channel Bandwidth: 3 MHz)\_LCH\_QPSK\_1RB#7

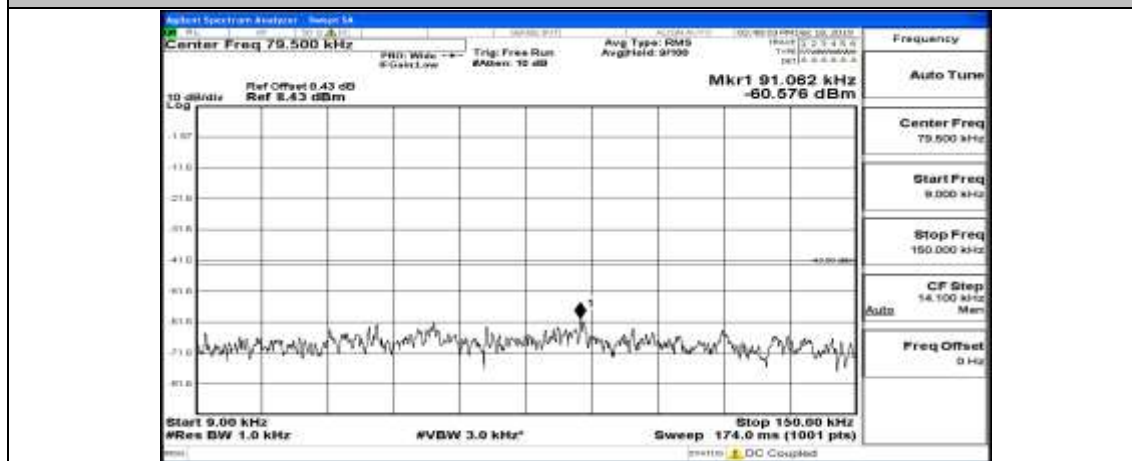


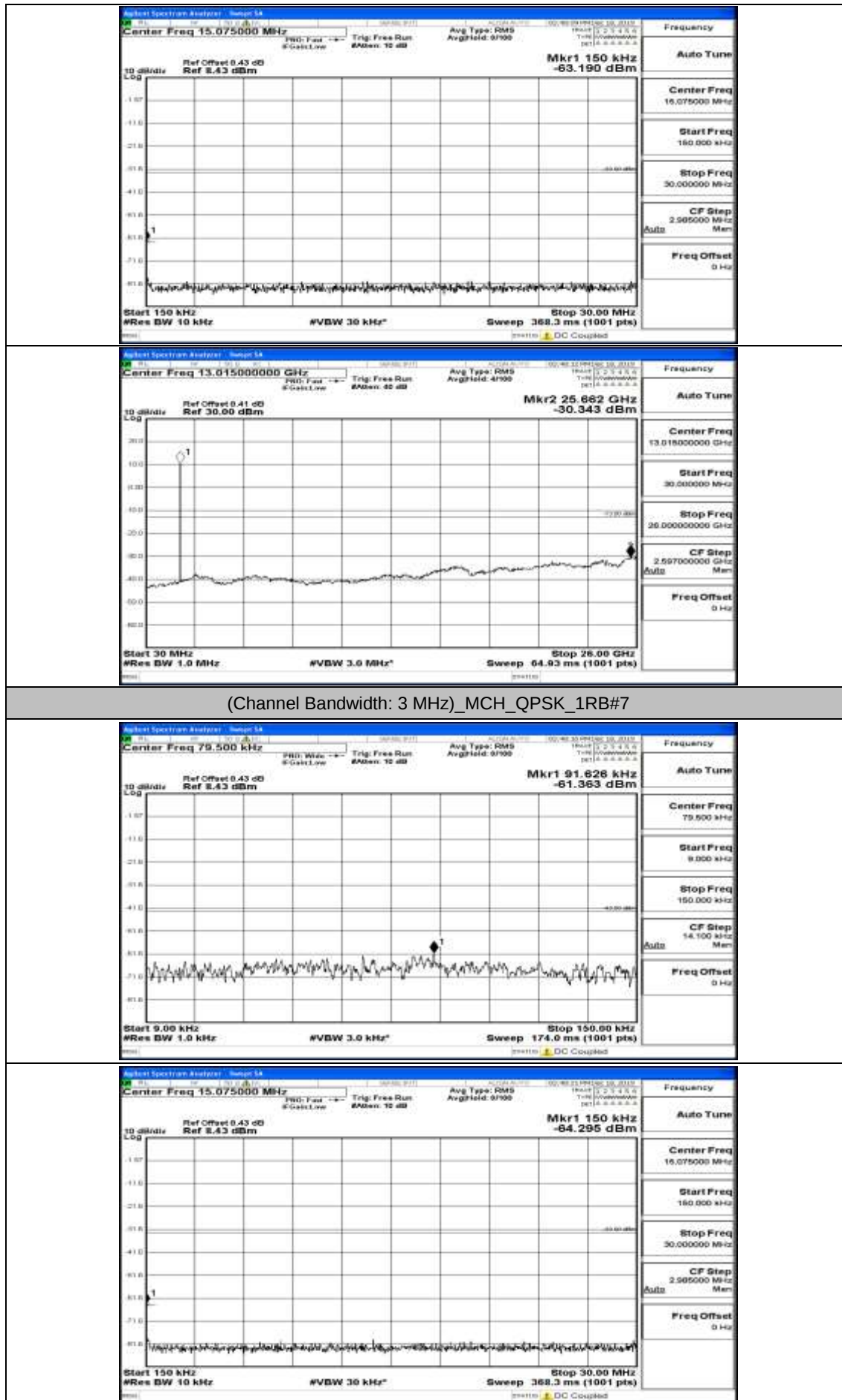
(Channel Bandwidth: 3 MHz)\_LCH\_QPSK\_1RB#14





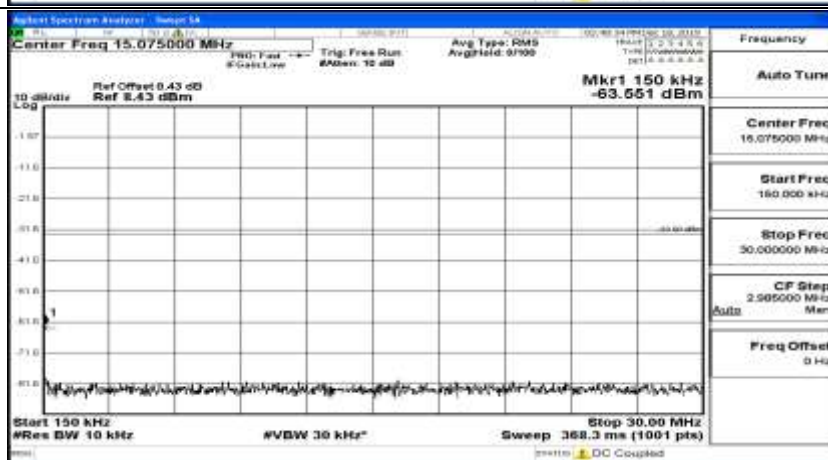
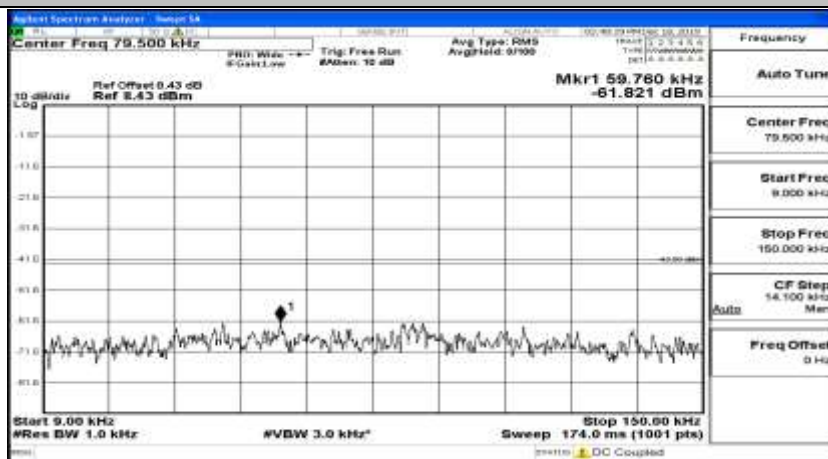
(Channel Bandwidth: 3 MHz)\_MCH\_QPSK\_1RB#0



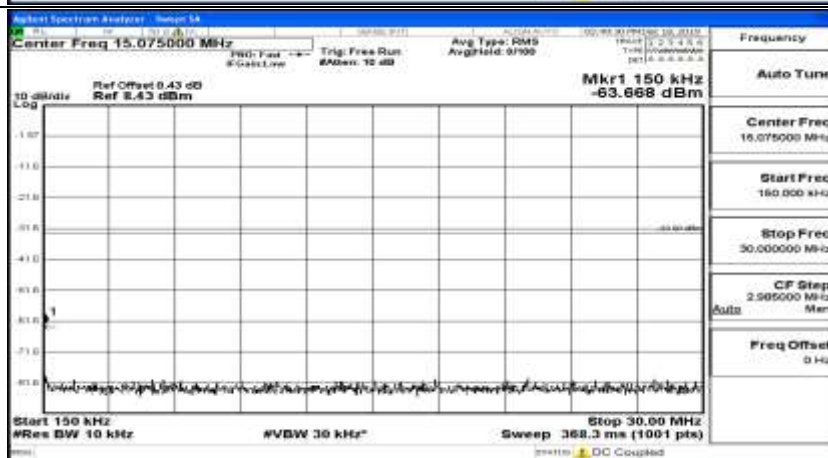
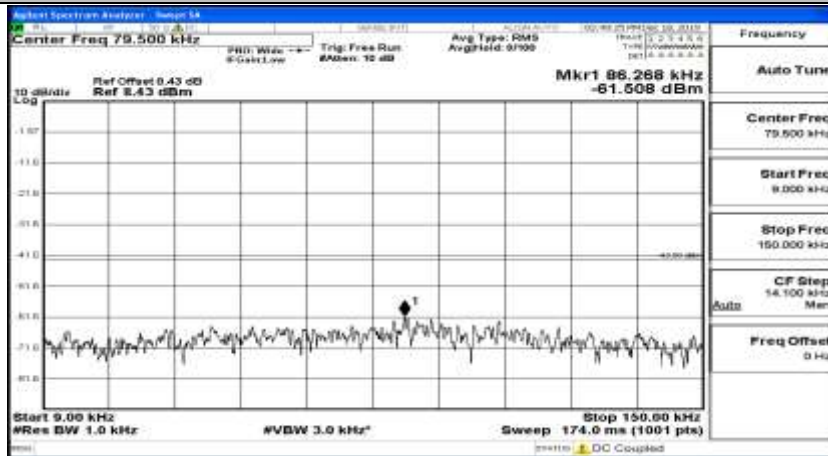




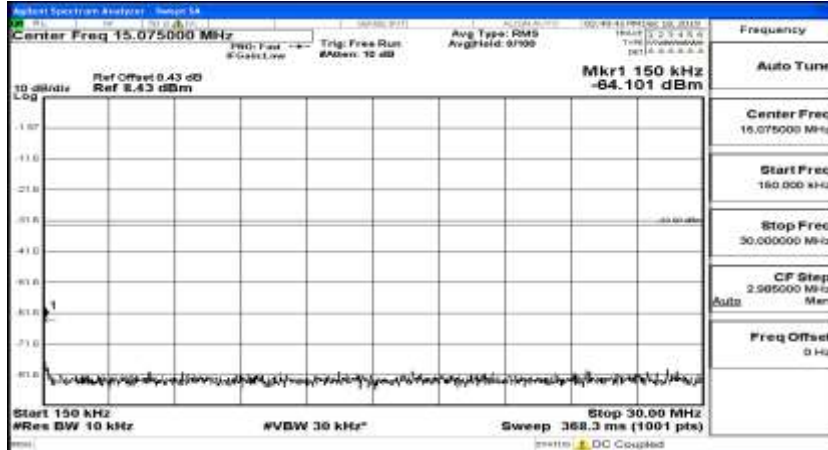
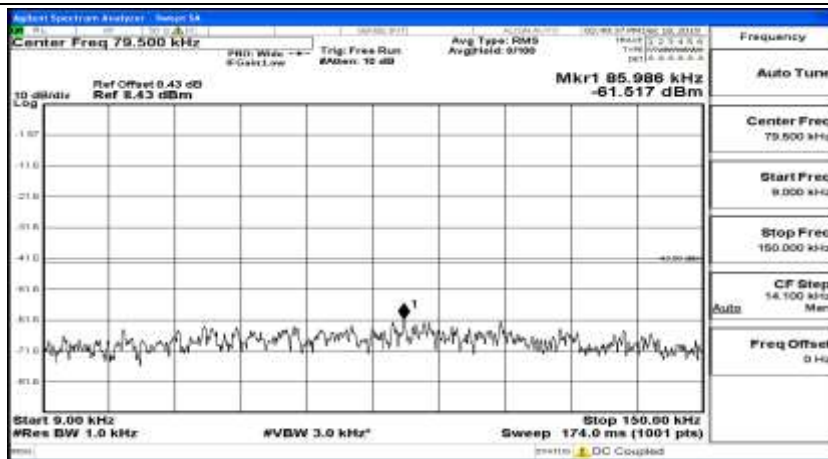
(Channel Bandwidth: 3 MHz)\_MCH\_QPSK\_1RB#14



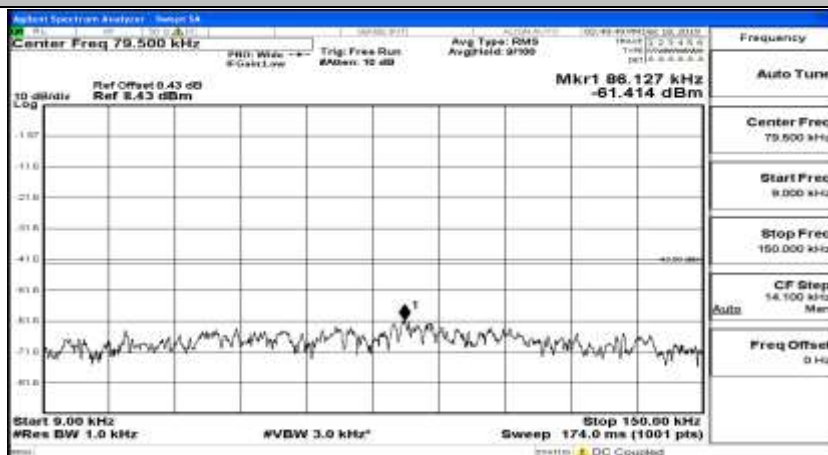
(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_1RB#0

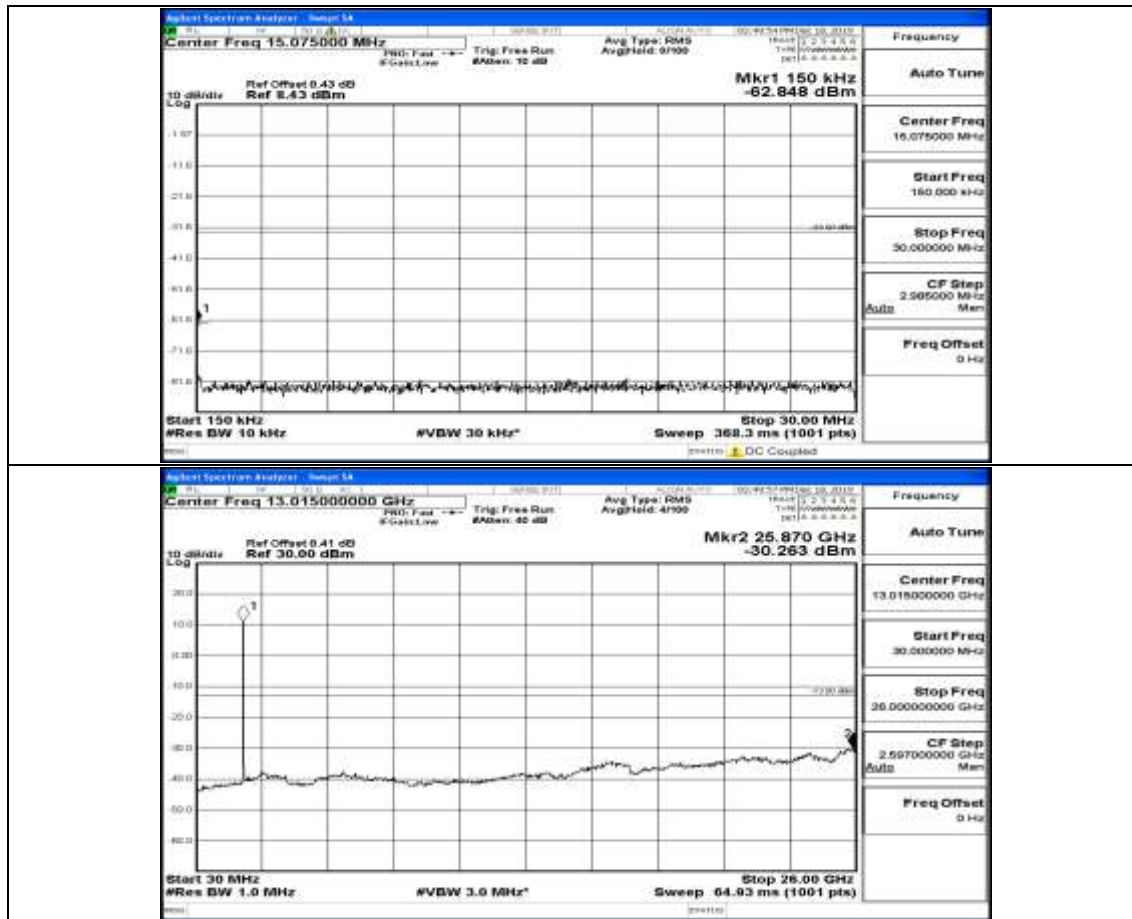


(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_1RB#7

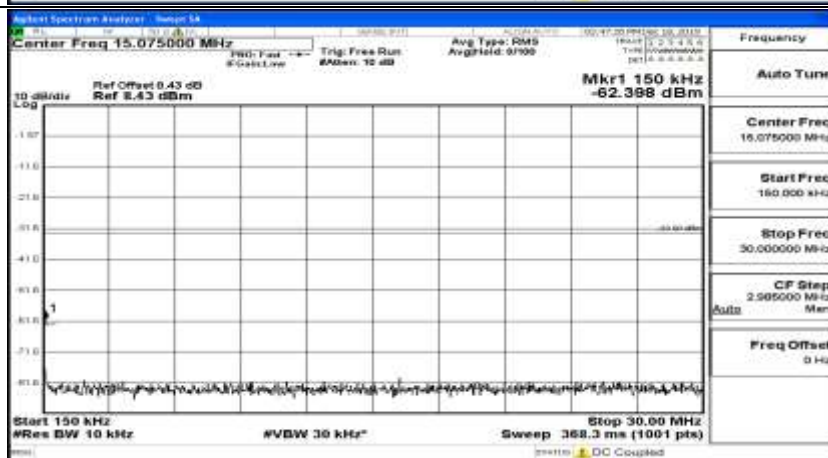
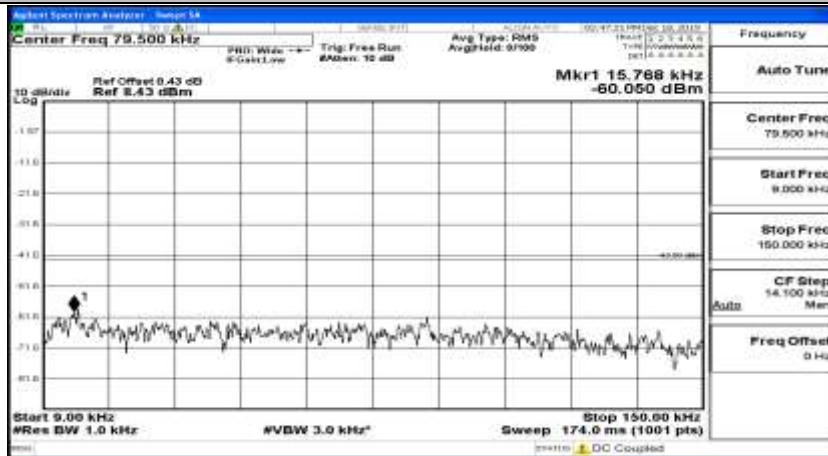


(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_1RB#14

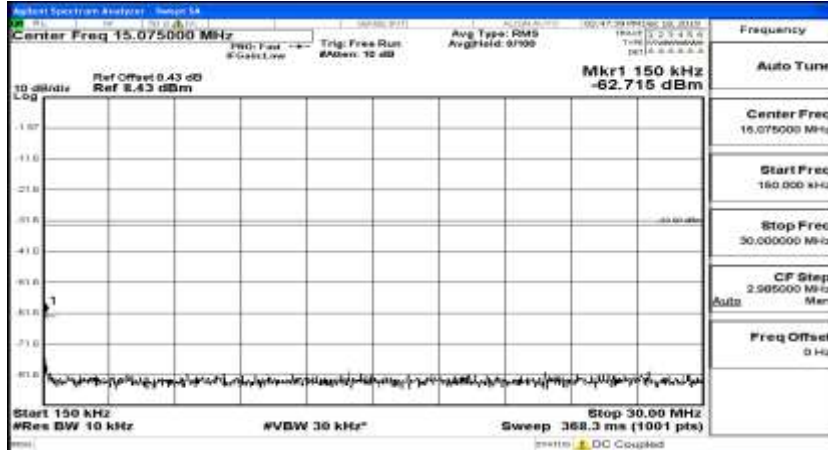
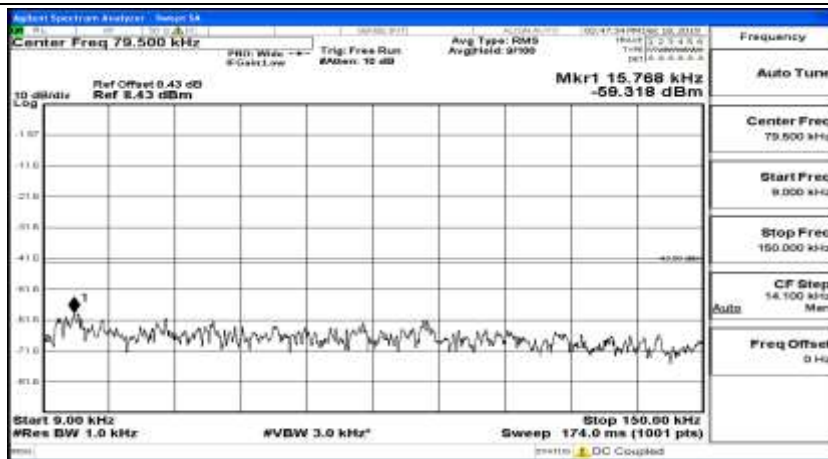




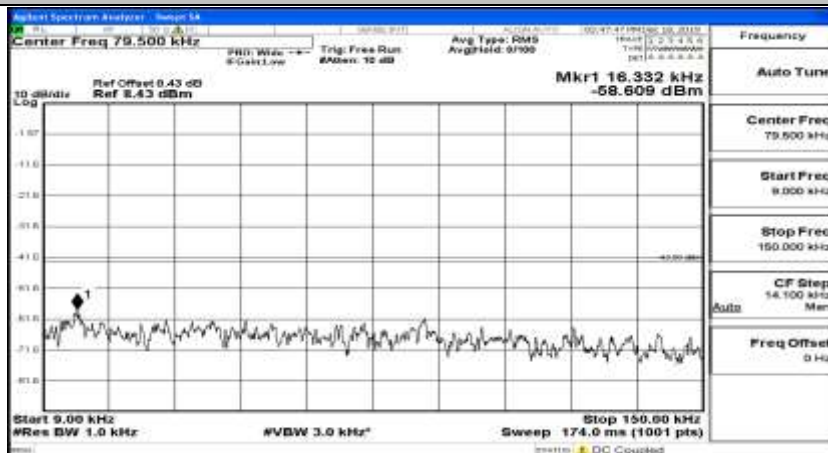
(Channel Bandwidth: 3 MHz)\_LCH\_16QAM\_1RB#0

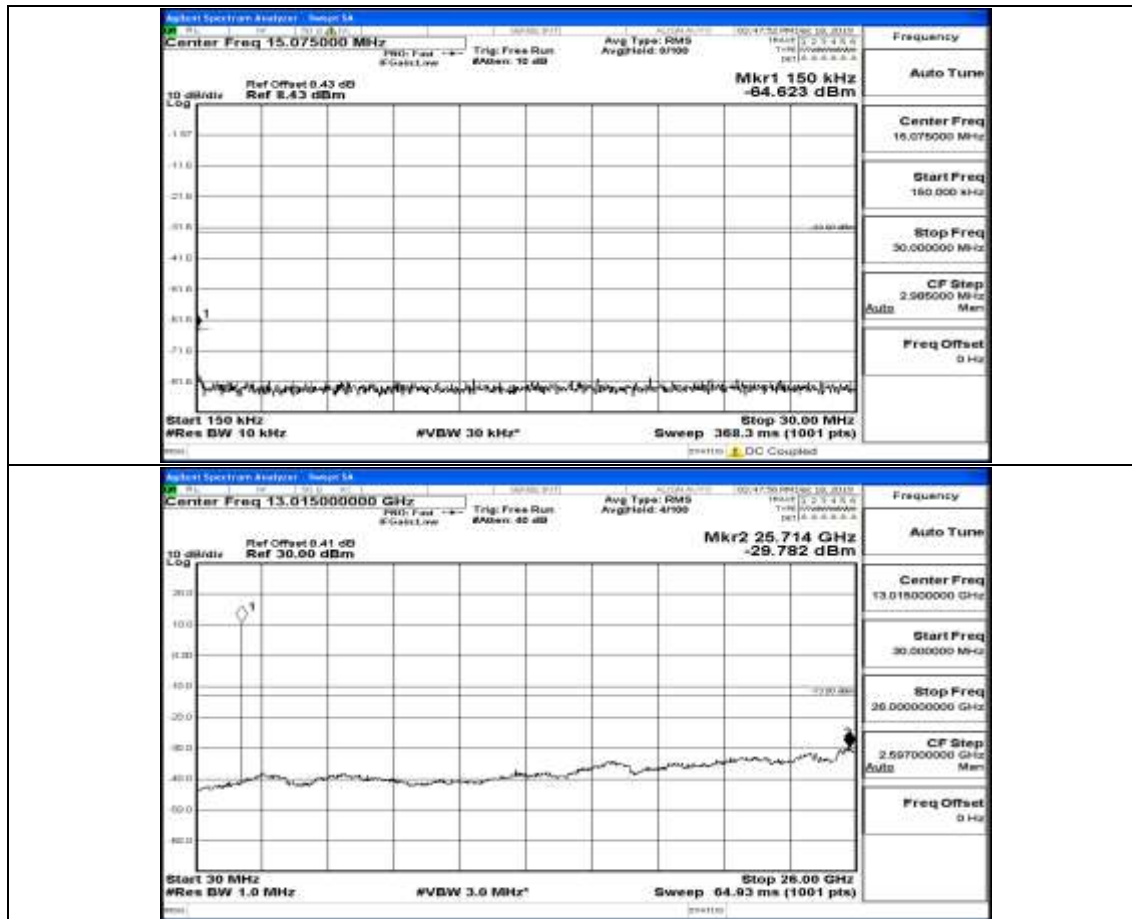


(Channel Bandwidth: 3 MHz)\_LCH\_16QAM\_1RB#7

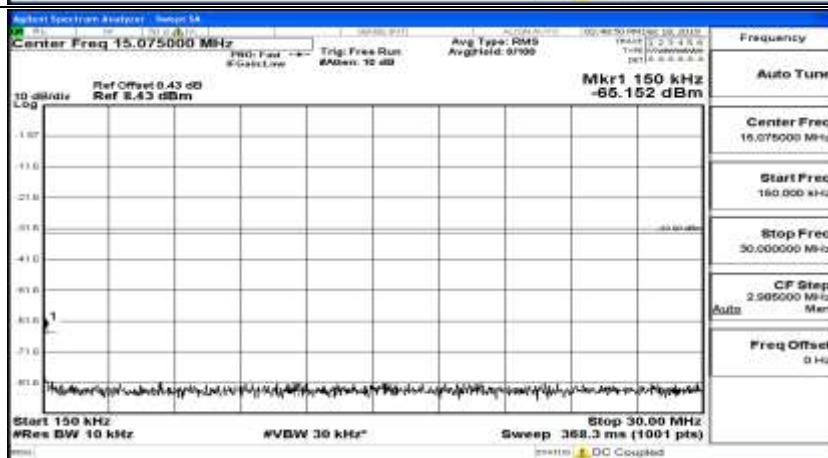
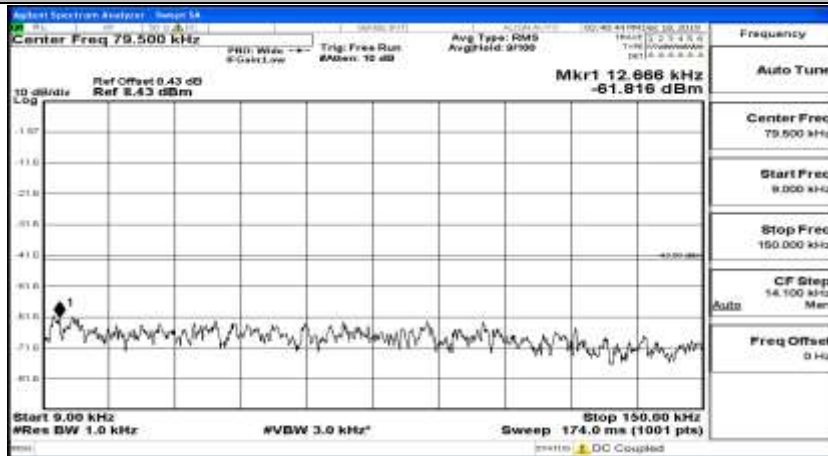


(Channel Bandwidth: 3 MHz)\_LCH\_16QAM\_1RB#14

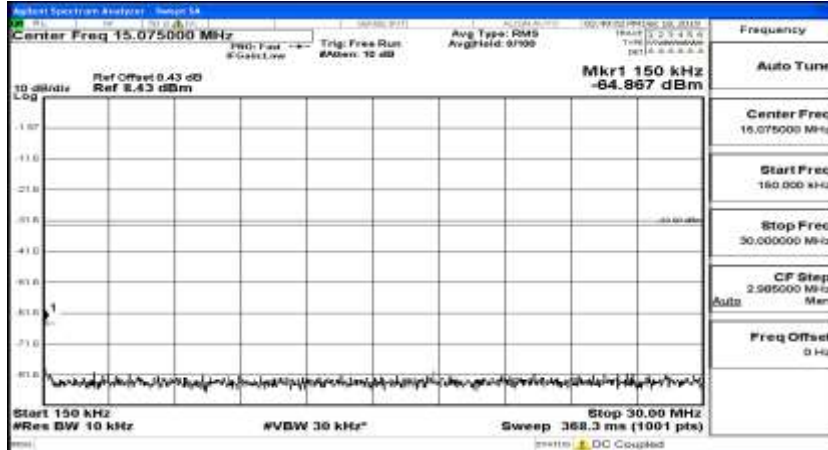
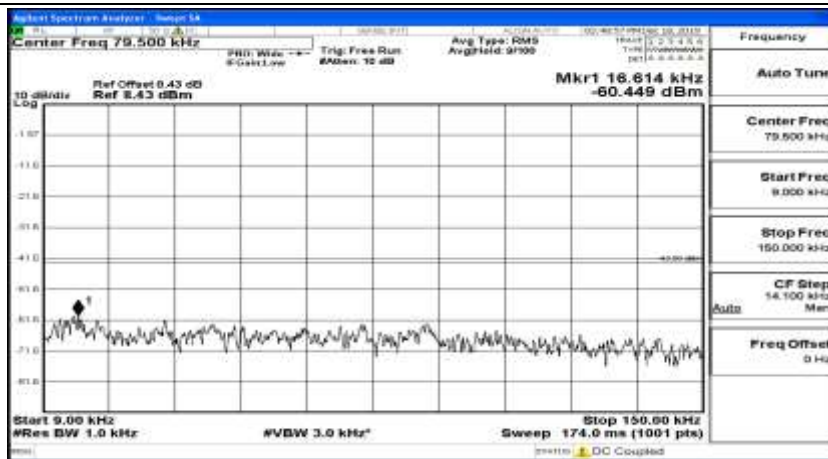




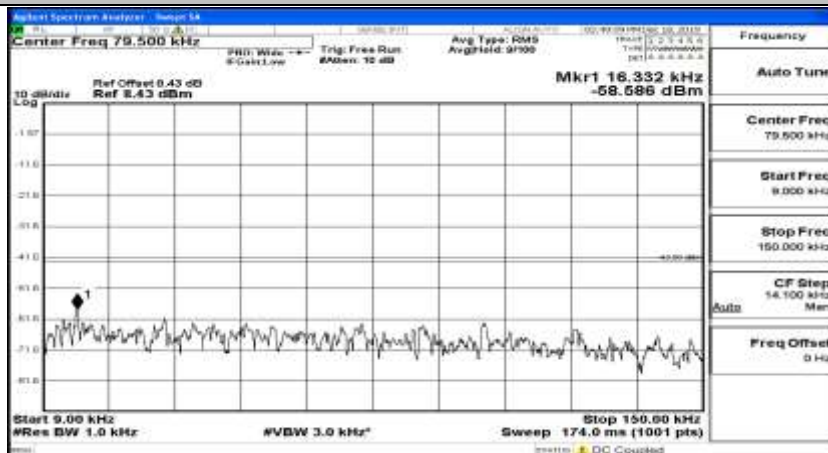
(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_1RB#0

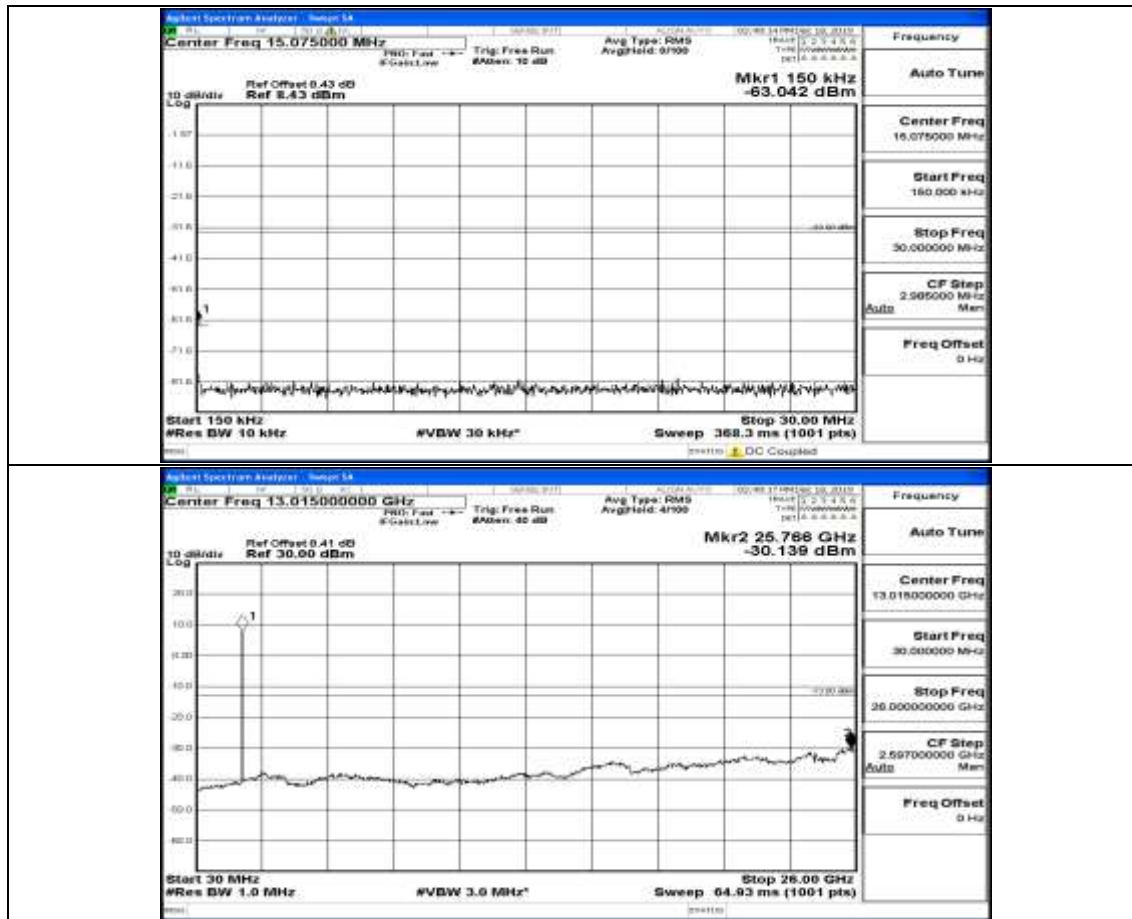


(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_1RB#7

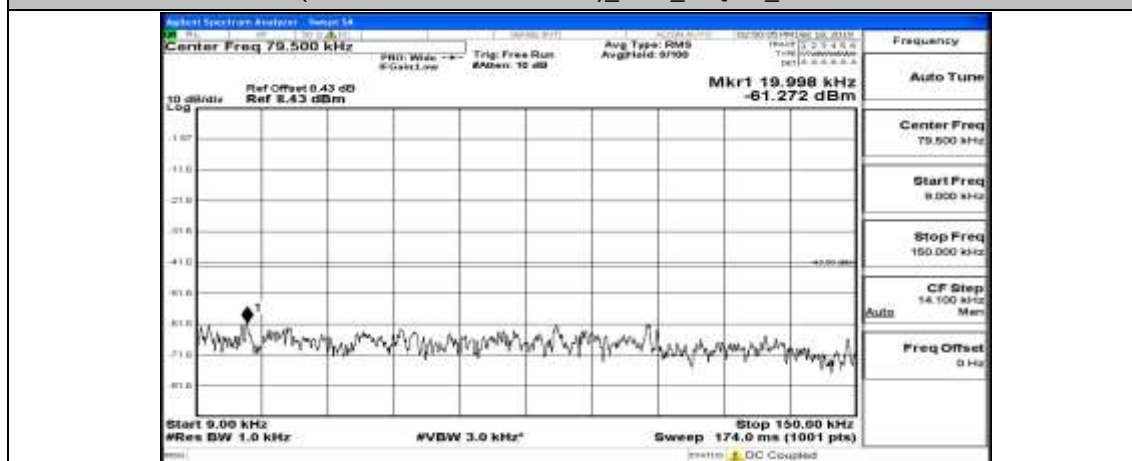


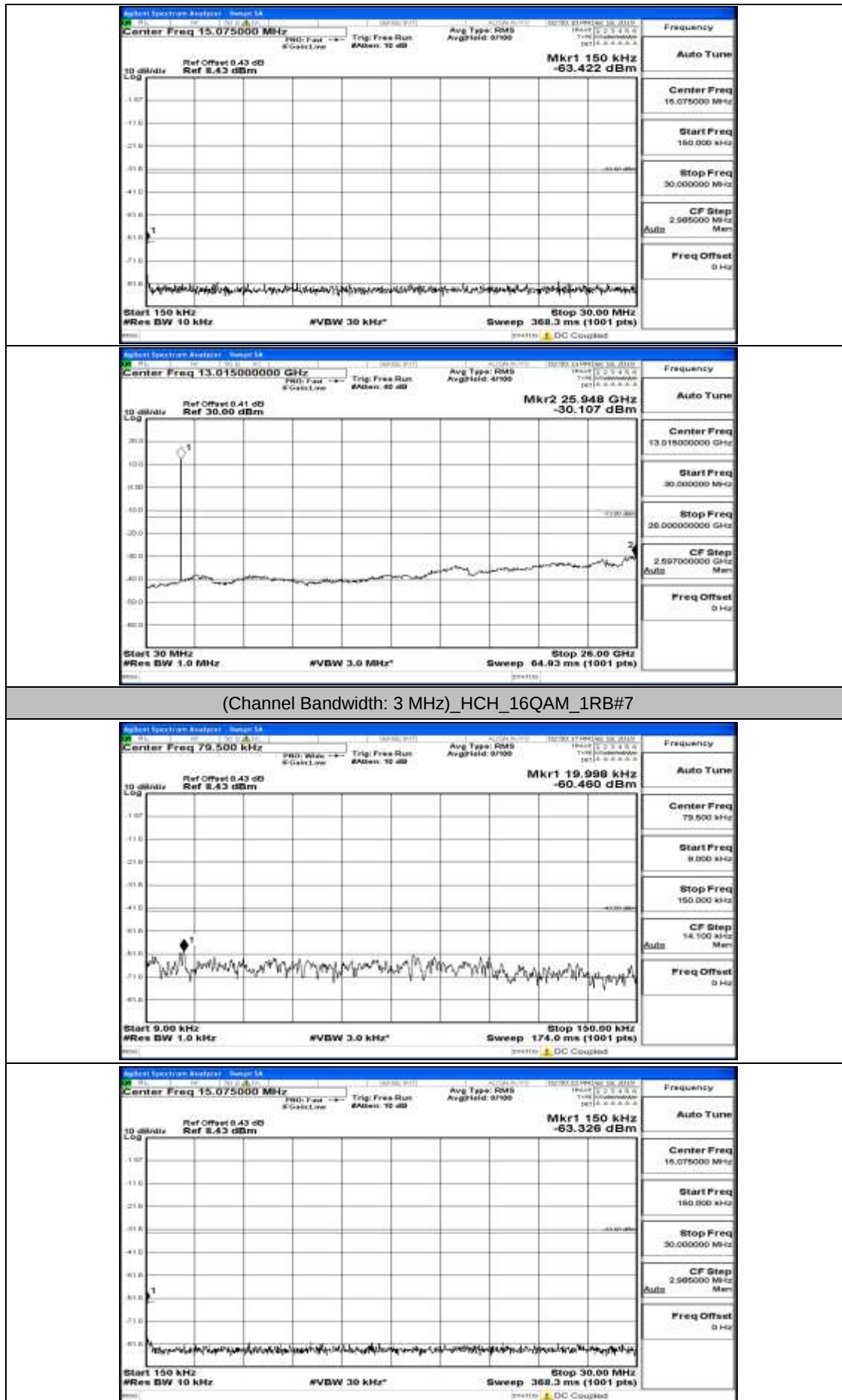
(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_1RB#14





(Channel Bandwidth: 3 MHz)\_HCH\_16QAM\_1RB#0







(Channel Bandwidth: 3 MHz)\_HCH\_16QAM\_1RB#14

