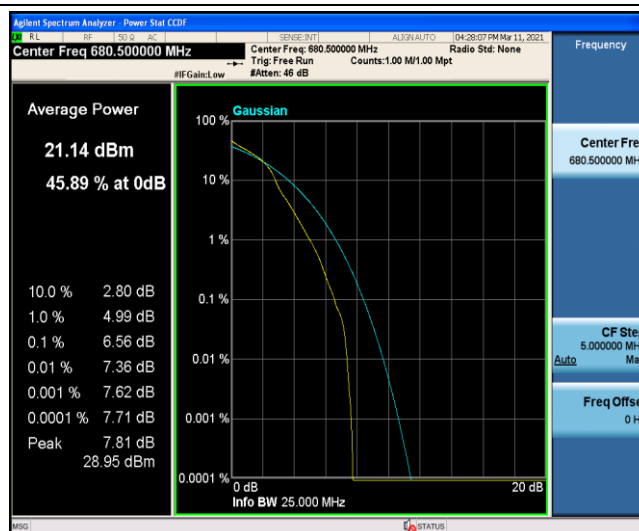
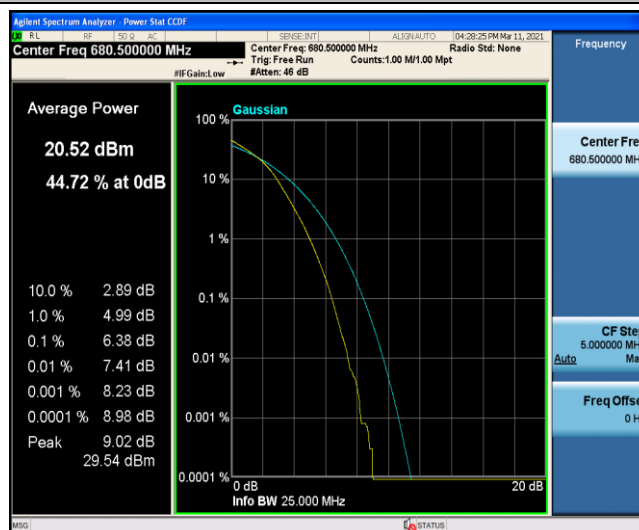
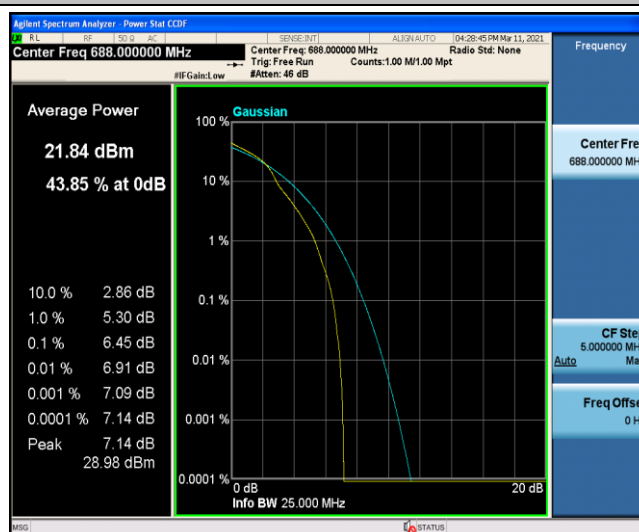




Band 71\_20MHz\_16QAM\_133297\_100RB#0



Band 71\_20MHz\_16QAM\_133372\_1RB#0



Band 71\_20MHz\_16QAM\_133372\_100RB#0



## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

#### Channel Bandwidth: 5 MHz

| Channel Bandwidth: 5 MHz |         |                  |        |                             |                         |         |
|--------------------------|---------|------------------|--------|-----------------------------|-------------------------|---------|
| Modulation               | Channel | RB Configuration |        | Occupied Bandwidth<br>(MHz) | 26dB Bandwidth<br>(MHz) | Verdict |
|                          |         | Size             | Offset |                             |                         |         |
| QPSK                     | LCH     | 25               | 0      | 4.5025                      | 4.864                   | PASS    |
|                          | MCH     | 25               | 0      | 4.5071                      | 4.915                   | PASS    |
|                          | HCH     | 25               | 0      | 4.5076                      | 4.924                   | PASS    |
| 16QAM                    | LCH     | 25               | 0      | 4.4992                      | 4.903                   | PASS    |
|                          | MCH     | 25               | 0      | 4.5092                      | 4.925                   | PASS    |
|                          | HCH     | 25               | 0      | 4.5089                      | 4.903                   | PASS    |

#### Channel Bandwidth: 10 MHz

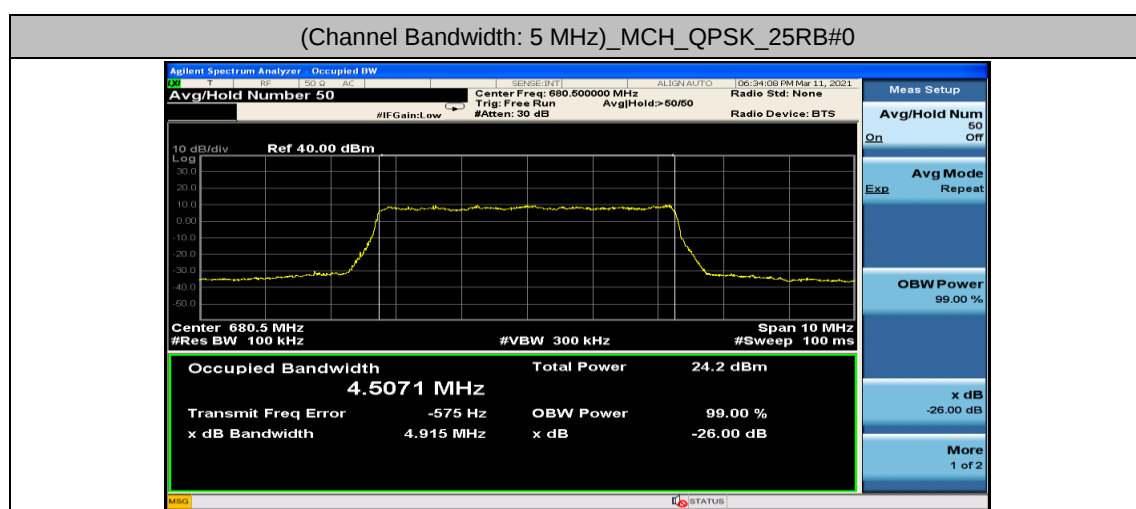
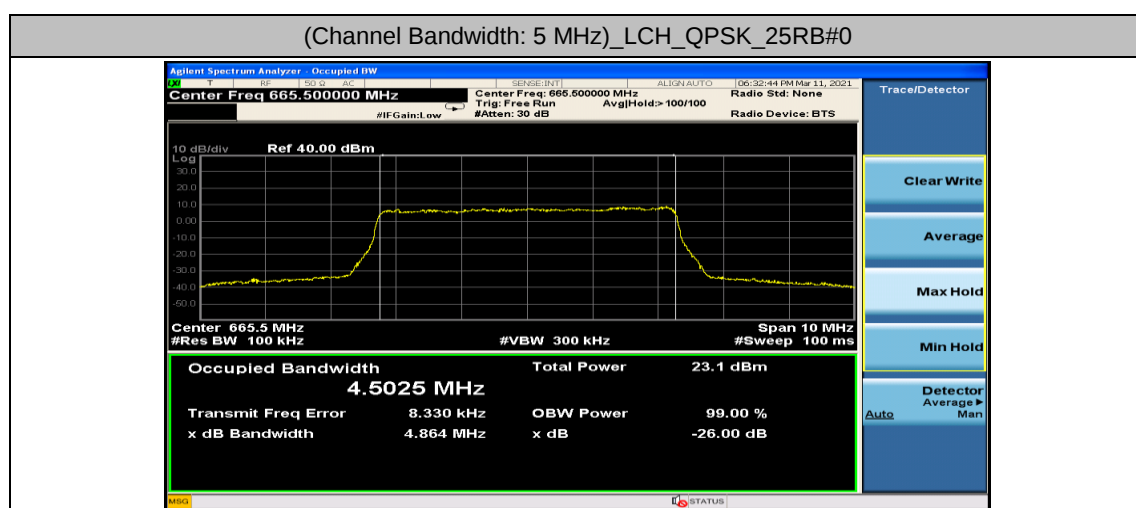
| Channel Bandwidth: 10 MHz |         |                  |        |                             |                         |         |
|---------------------------|---------|------------------|--------|-----------------------------|-------------------------|---------|
| Modulation                | Channel | RB Configuration |        | Occupied Bandwidth<br>(MHz) | 26dB Bandwidth<br>(MHz) | Verdict |
|                           |         | Size             | Offset |                             |                         |         |
| QPSK                      | LCH     | 50               | 0      | 8.9238                      | 9.435                   | PASS    |
|                           | MCH     | 50               | 0      | 8.9262                      | 9.505                   | PASS    |
|                           | HCH     | 50               | 0      | 8.9428                      | 9.452                   | PASS    |
| 16QAM                     | LCH     | 50               | 0      | 8.9092                      | 9.423                   | PASS    |
|                           | MCH     | 50               | 0      | 8.9437                      | 9.490                   | PASS    |
|                           | HCH     | 50               | 0      | 8.9449                      | 9.569                   | PASS    |

#### Channel Bandwidth: 15 MHz

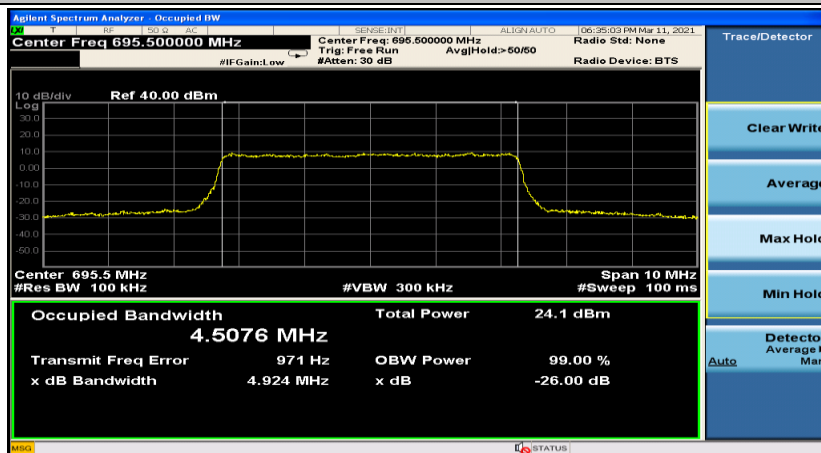
| Channel Bandwidth: 15 MHz |         |                  |        |                             |                         |         |
|---------------------------|---------|------------------|--------|-----------------------------|-------------------------|---------|
| Modulation                | Channel | RB Configuration |        | Occupied Bandwidth<br>(MHz) | 26dB Bandwidth<br>(MHz) | Verdict |
|                           |         | Size             | Offset |                             |                         |         |
| QPSK                      | LCH     | 75               | 0      | 13.382                      | 14.12                   | PASS    |
|                           | MCH     | 75               | 0      | 13.372                      | 14.04                   | PASS    |
|                           | HCH     | 75               | 0      | 13.394                      | 14.03                   | PASS    |
| 16QAM                     | LCH     | 75               | 0      | 13.356                      | 14.05                   | PASS    |
|                           | MCH     | 75               | 0      | 13.365                      | 14.08                   | PASS    |
|                           | HCH     | 75               | 0      | 13.392                      | 14.07                   | PASS    |

**Channel Bandwidth: 20 MHz**

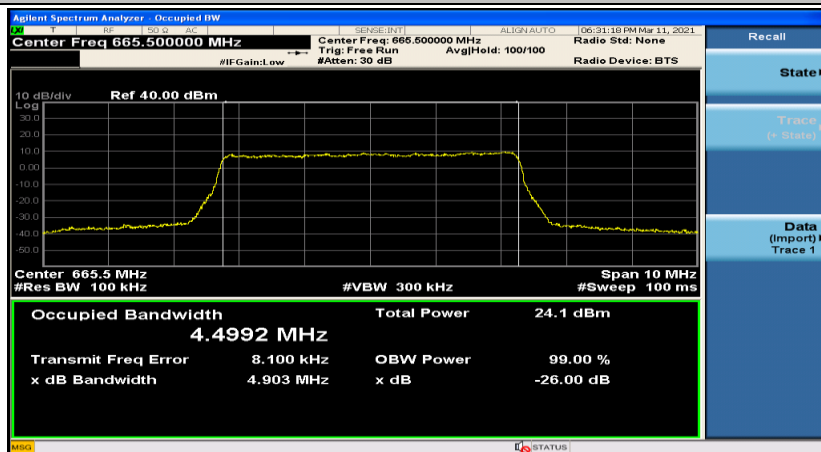
| Channel Bandwidth: 20 MHz |         |                  |        |                             |                         |         |
|---------------------------|---------|------------------|--------|-----------------------------|-------------------------|---------|
| Modulation                | Channel | RB Configuration |        | Occupied Bandwidth<br>(MHz) | 26dB Bandwidth<br>(MHz) | Verdict |
|                           |         | Size             | Offset |                             |                         |         |
| QPSK                      | LCH     | 100              | 0      | 17.808                      | 18.66                   | PASS    |
|                           | MCH     | 100              | 0      | 17.818                      | 18.49                   | PASS    |
|                           | HCH     | 100              | 0      | 17.855                      | 18.65                   | PASS    |
| 16QAM                     | LCH     | 100              | 0      | 17.832                      | 18.53                   | PASS    |
|                           | MCH     | 100              | 0      | 17.827                      | 18.67                   | PASS    |
|                           | HCH     | 100              | 0      | 17.834                      | 18.57                   | PASS    |

**Test Graphs****Channel Bandwidth: 5 MHz**

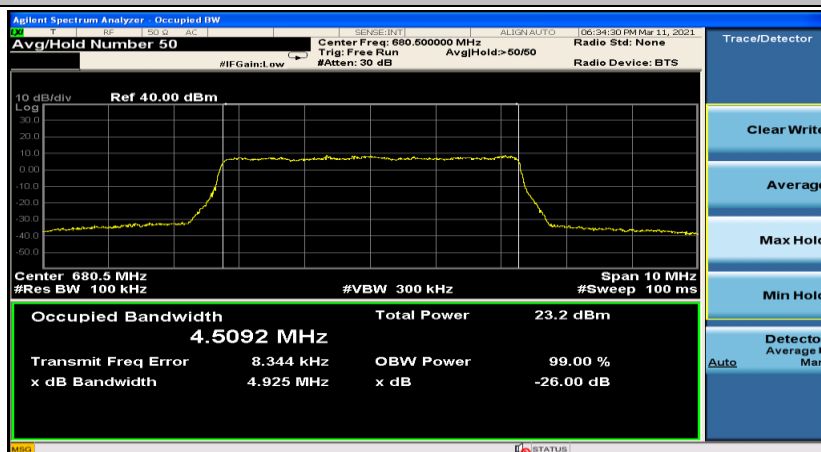
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_25RB#0

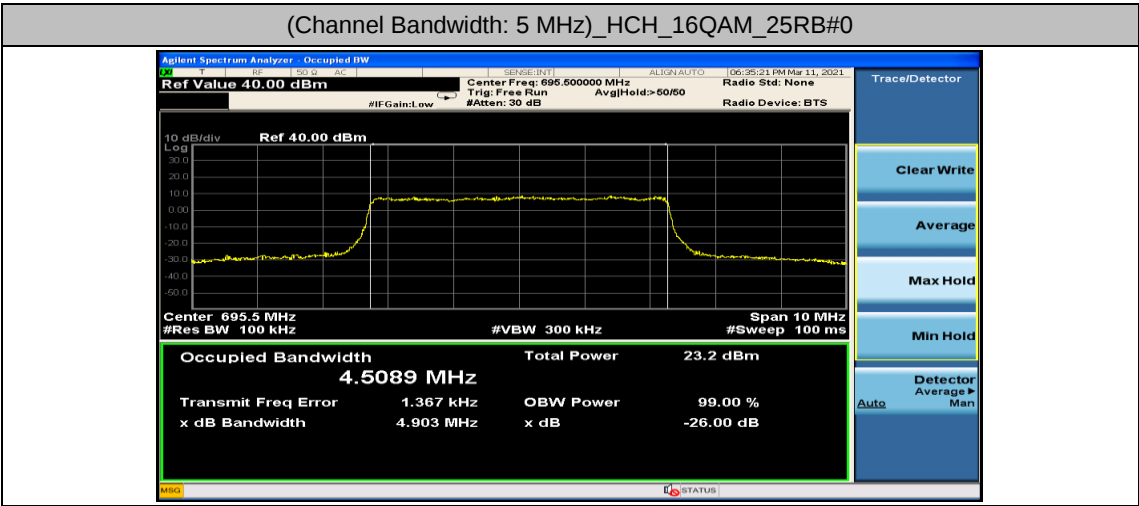


(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_25RB#0

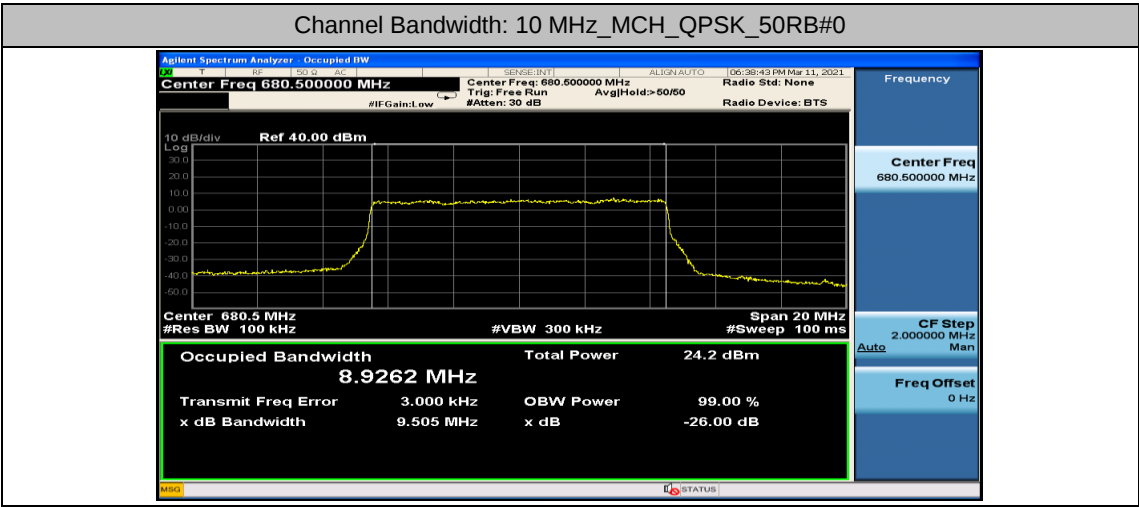
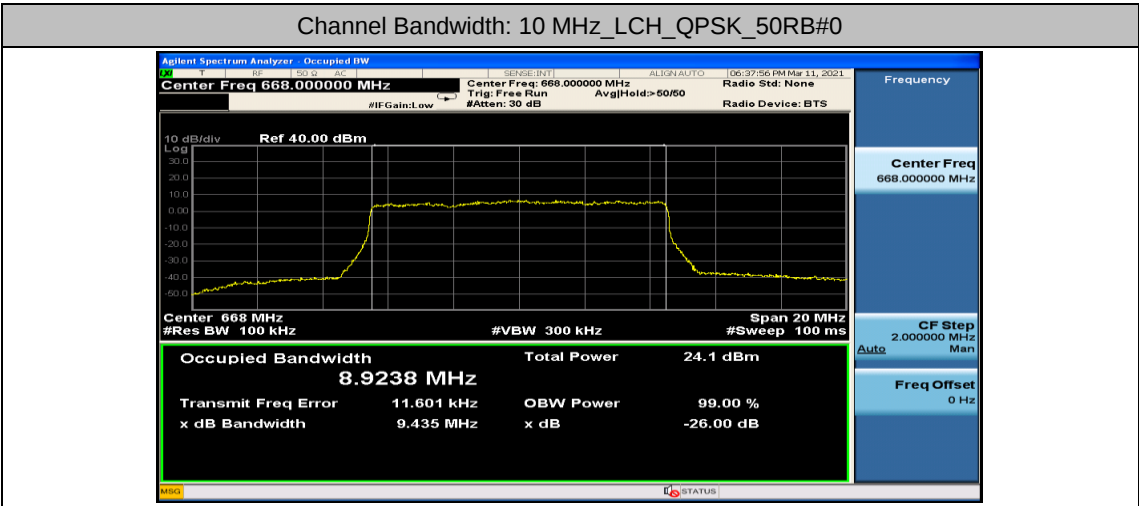


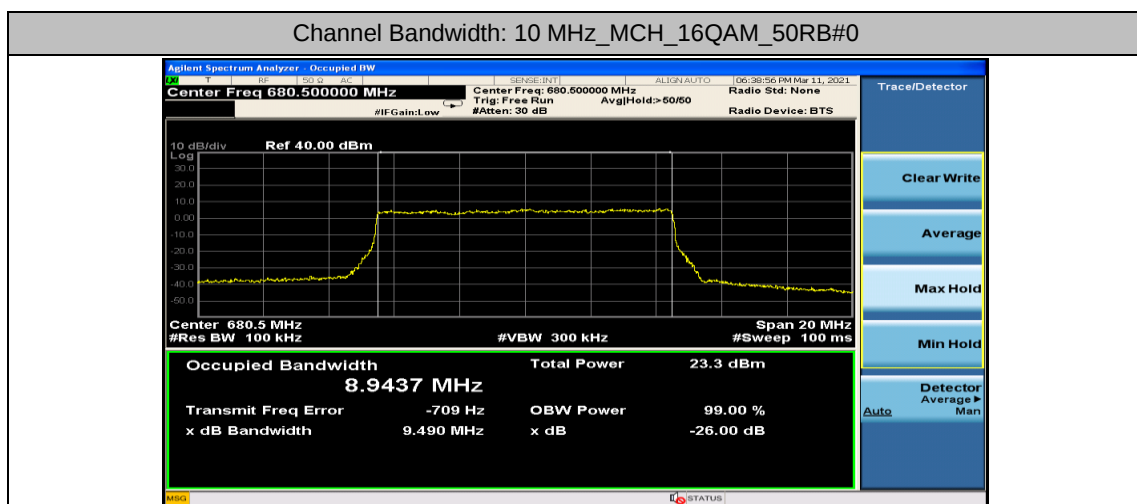
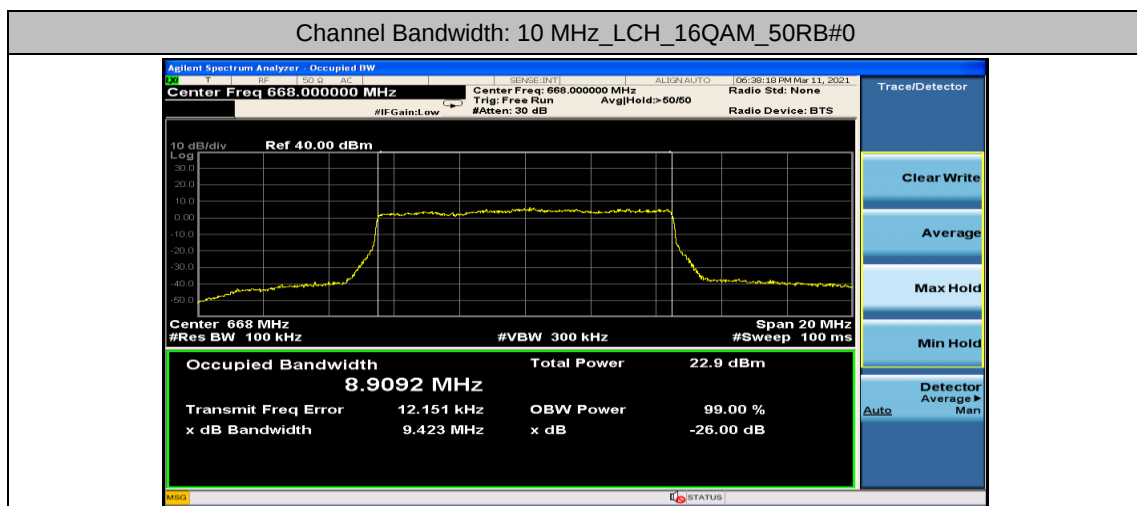
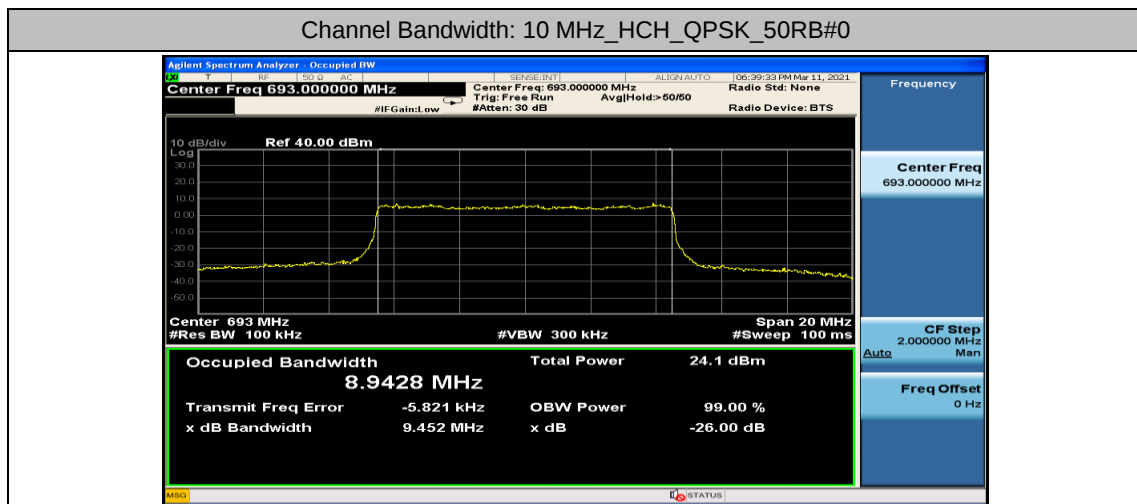
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_25RB#0

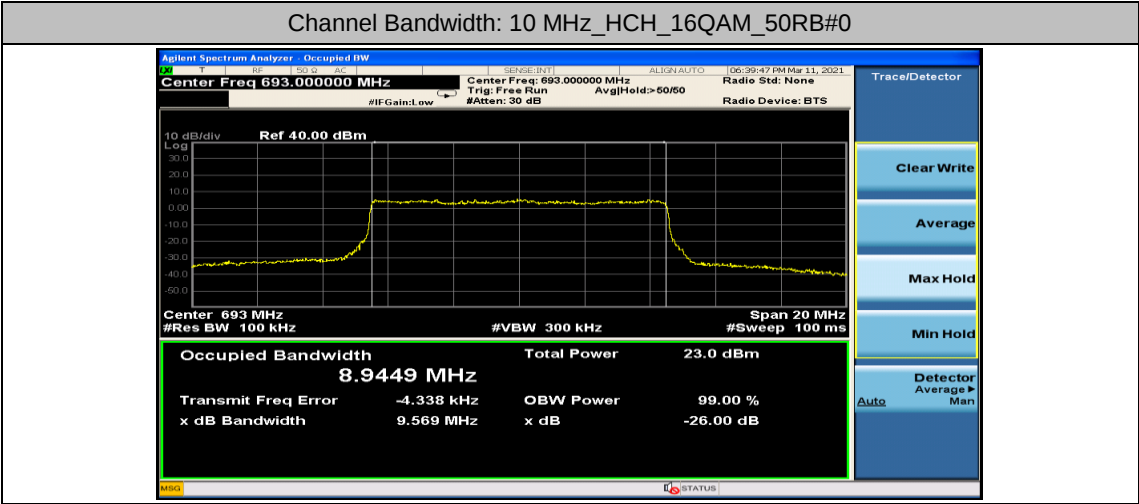




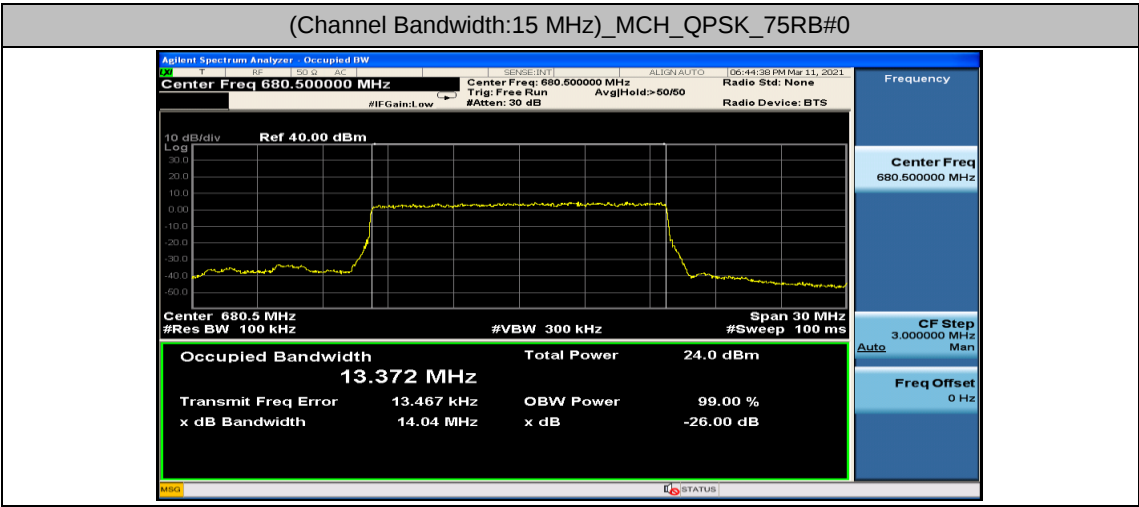
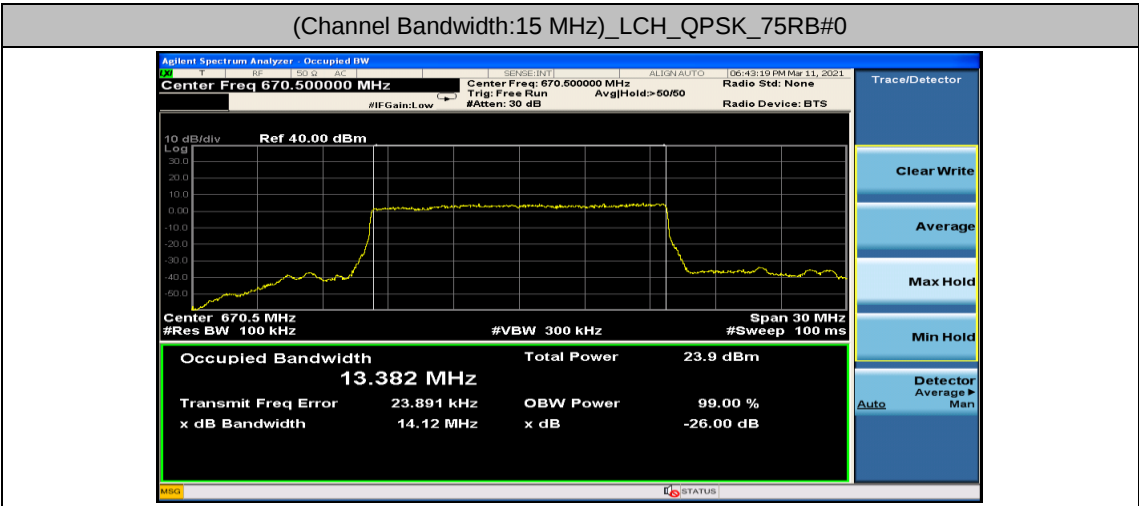
Channel Bandwidth: 10 MHz



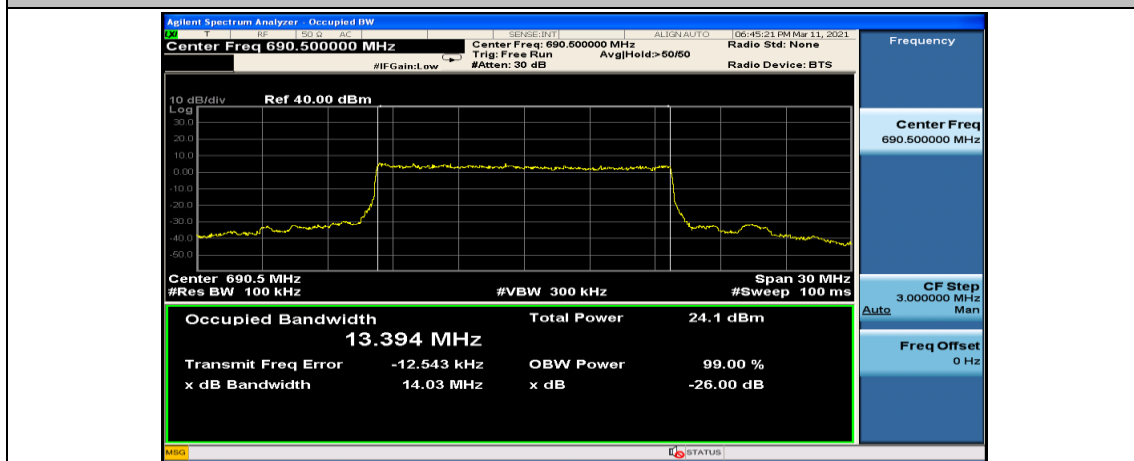




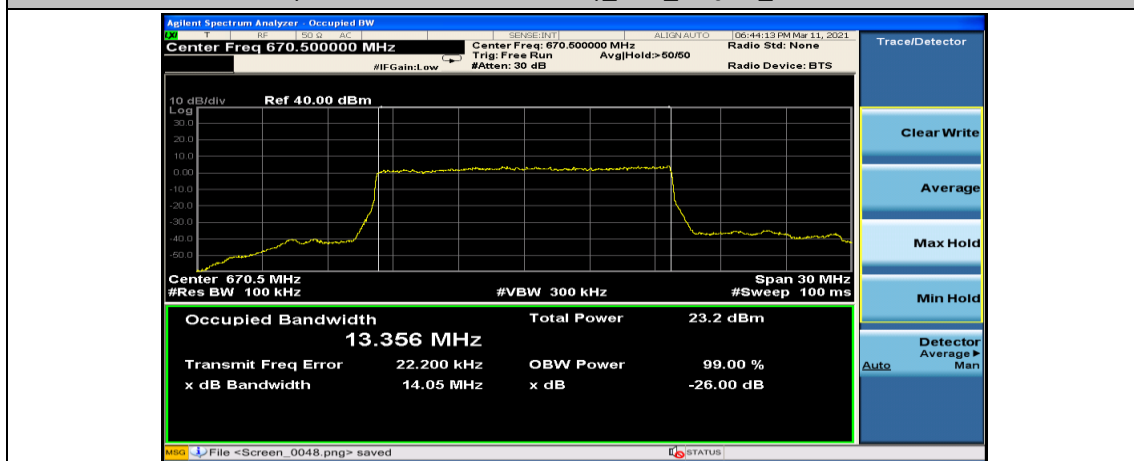
Channel Bandwidth: 15 MHz



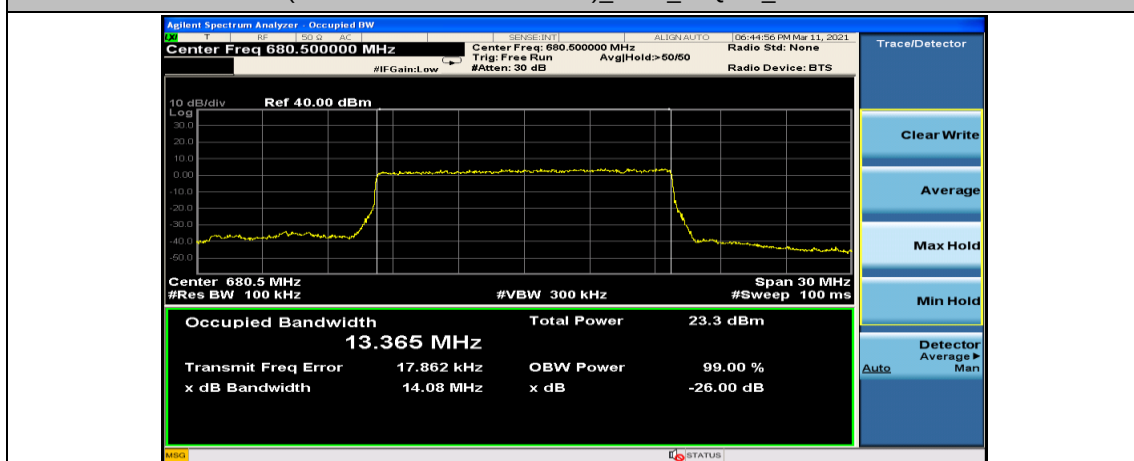
(Channel Bandwidth:15 MHz)\_HCH\_QPSK\_75RB#0

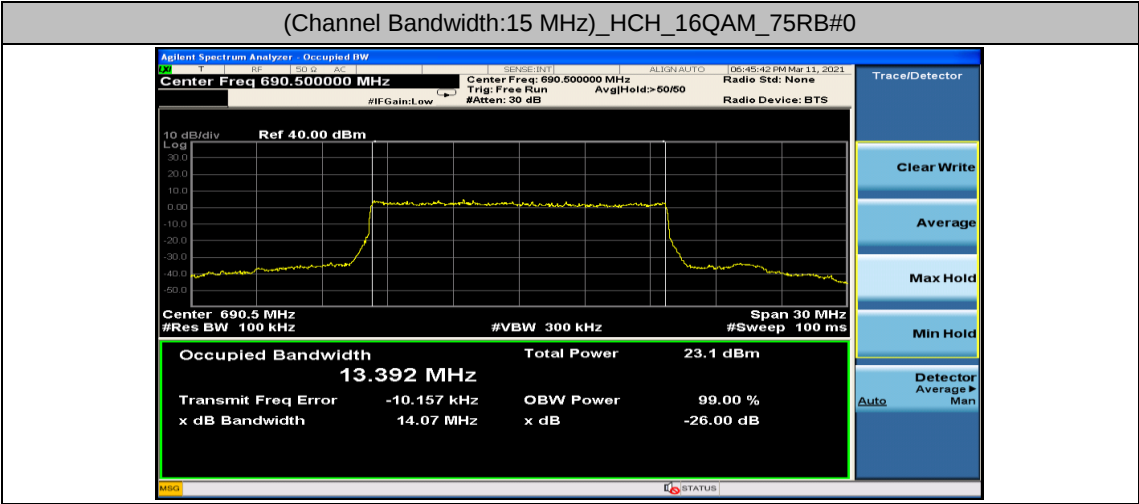


(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_75RB#0

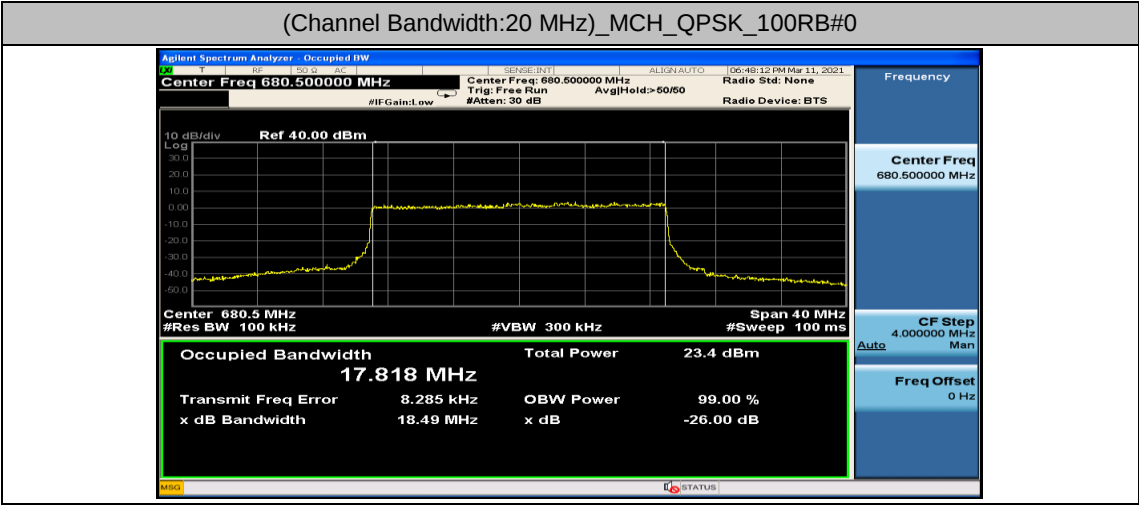
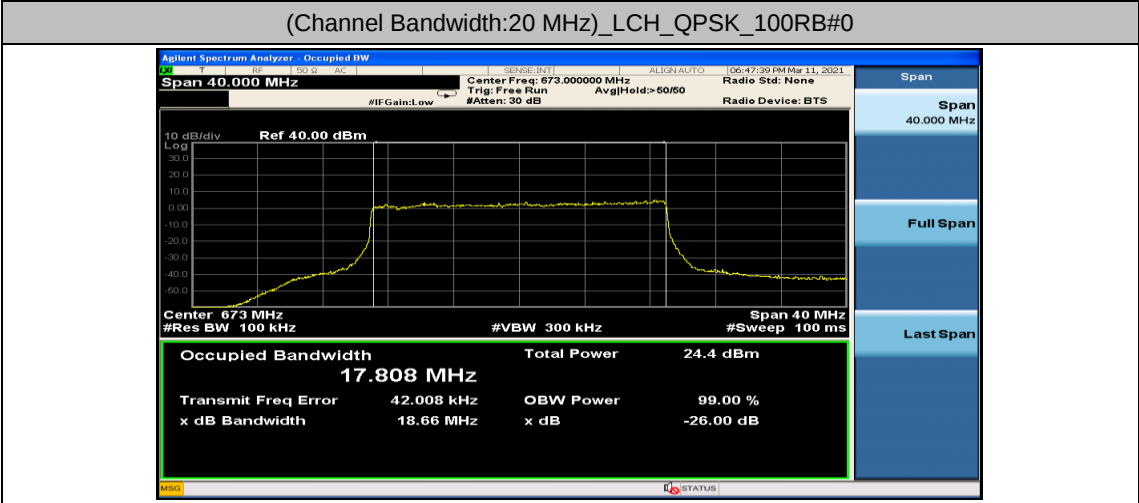


(Channel Bandwidth:15 MHz)\_MCH\_16QAM\_75RB#0

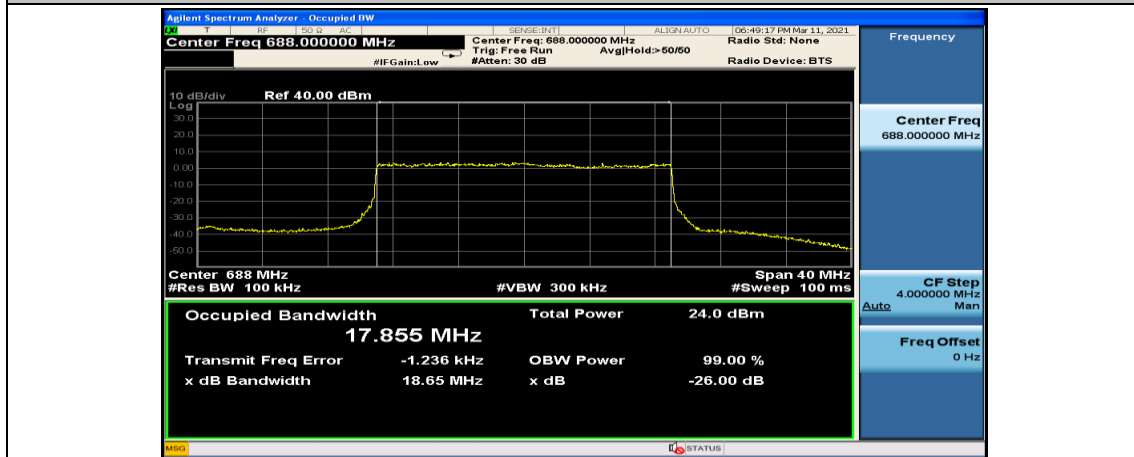




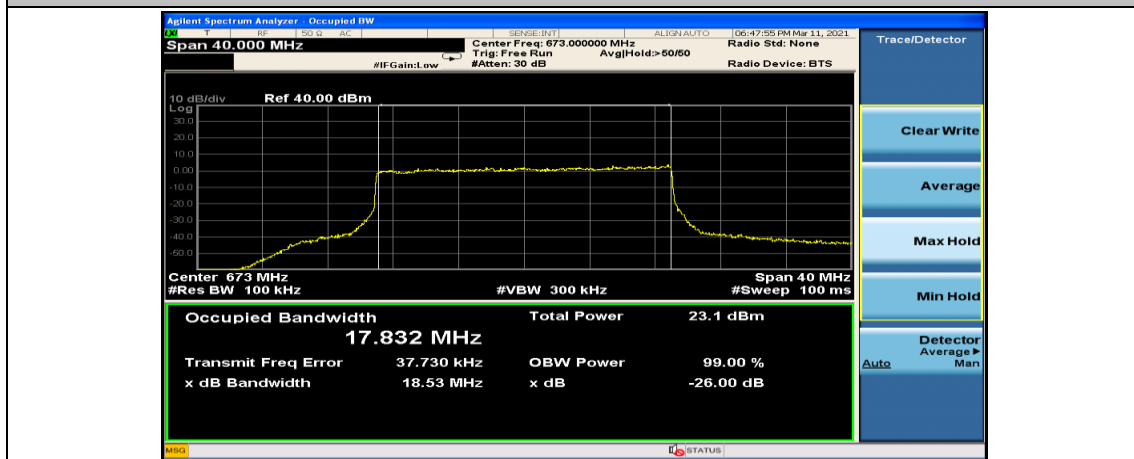
Channel Bandwidth: 20 MHz



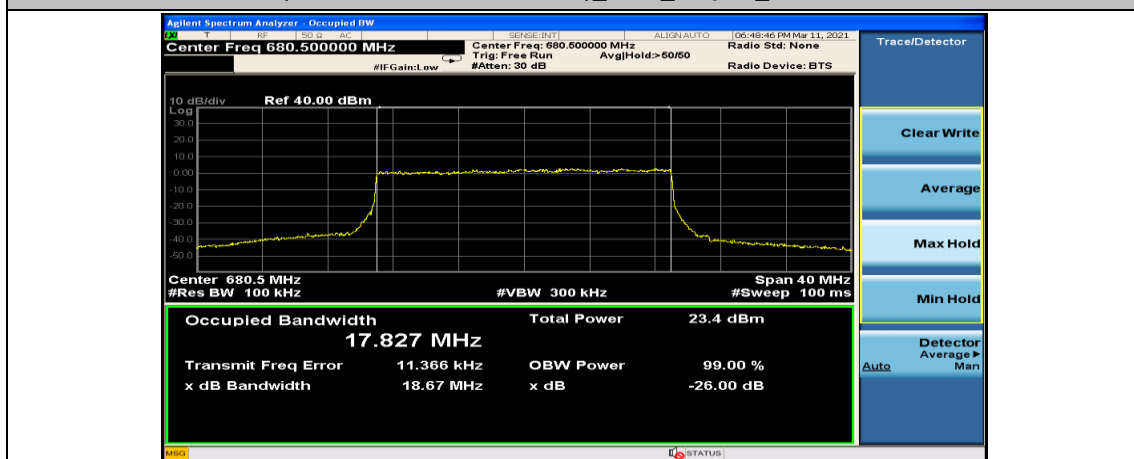
(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_100RB#0

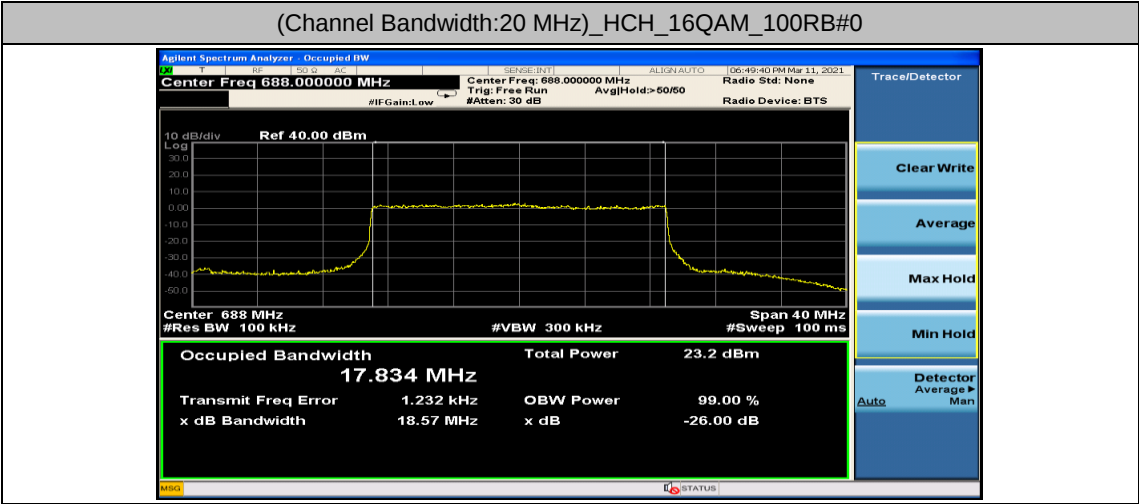


(Channel Bandwidth:20 MHz)\_LCH\_16QAM\_100RB#0



(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_100RB#0





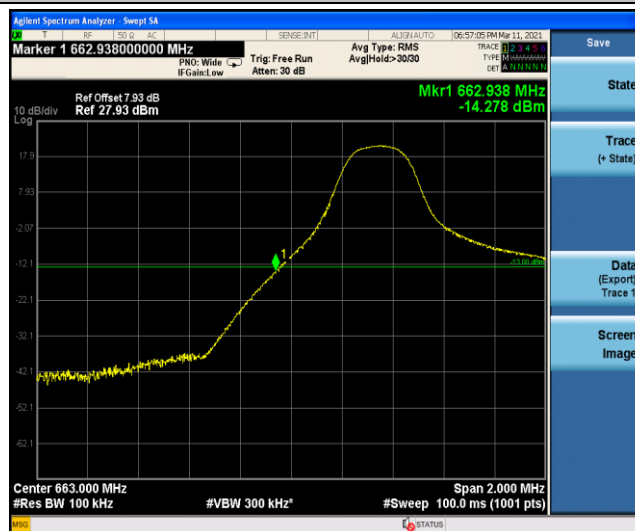
## Appendix D: Band Edge

### Test Result

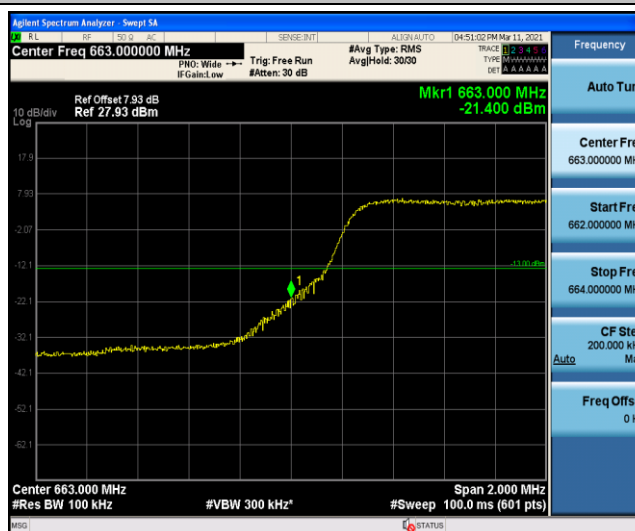
| Band    | Bandwidth | Modulation | Channel | RB Configuration | Verdict |
|---------|-----------|------------|---------|------------------|---------|
| Band 71 | 5MHz      | QPSK       | 133147  | 1RB#0            | PASS    |
| Band 71 | 5MHz      | QPSK       | 133147  | 25RB#0           | PASS    |
| Band 71 | 5MHz      | QPSK       | 133447  | 1RB#0            | PASS    |
| Band 71 | 5MHz      | QPSK       | 133447  | 25RB#0           | PASS    |
| Band 71 | 5MHz      | 16QAM      | 133147  | 1RB#0            | PASS    |
| Band 71 | 5MHz      | 16QAM      | 133147  | 25RB#0           | PASS    |
| Band 71 | 5MHz      | 16QAM      | 133447  | 1RB#0            | PASS    |
| Band 71 | 5MHz      | 16QAM      | 133447  | 25RB#0           | PASS    |
| Band 71 | 10MHz     | QPSK       | 133172  | 1RB#0            | PASS    |
| Band 71 | 10MHz     | QPSK       | 133172  | 1RB#49           | PASS    |
| Band 71 | 10MHz     | QPSK       | 133172  | 50RB#0           | PASS    |
| Band 71 | 10MHz     | QPSK       | 133422  | 1RB#0            | PASS    |
| Band 71 | 10MHz     | QPSK       | 133422  | 50RB#0           | PASS    |
| Band 71 | 10MHz     | 16QAM      | 133172  | 1RB#0            | PASS    |
| Band 71 | 10MHz     | 16QAM      | 133172  | 50RB#0           | PASS    |
| Band 71 | 10MHz     | 16QAM      | 133422  | 1RB#0            | PASS    |
| Band 71 | 10MHz     | 16QAM      | 133422  | 50RB#0           | PASS    |
| Band 71 | 15MHz     | QPSK       | 133197  | 1RB#0            | PASS    |
| Band 71 | 15MHz     | QPSK       | 133197  | 75RB#0           | PASS    |
| Band 71 | 15MHz     | QPSK       | 133397  | 1RB#0            | PASS    |
| Band 71 | 15MHz     | QPSK       | 133397  | 75RB#0           | PASS    |
| Band 71 | 15MHz     | 16QAM      | 133197  | 1RB#0            | PASS    |
| Band 71 | 15MHz     | 16QAM      | 133197  | 75RB#0           | PASS    |
| Band 71 | 15MHz     | 16QAM      | 133397  | 1RB#0            | PASS    |
| Band 71 | 15MHz     | 16QAM      | 133397  | 75RB#0           | PASS    |
| Band 71 | 20MHz     | QPSK       | 133222  | 1RB#0            | PASS    |
| Band 71 | 20MHz     | QPSK       | 133222  | 100RB#0          | PASS    |
| Band 71 | 20MHz     | QPSK       | 133372  | 1RB#0            | PASS    |
| Band 71 | 20MHz     | QPSK       | 133372  | 100RB#0          | PASS    |
| Band 71 | 20MHz     | 16QAM      | 133222  | 1RB#0            | PASS    |
| Band 71 | 20MHz     | 16QAM      | 133222  | 100RB#0          | PASS    |
| Band 71 | 20MHz     | 16QAM      | 133372  | 1RB#0            | PASS    |
| Band 71 | 20MHz     | 16QAM      | 133372  | 100RB#0          | PASS    |

## Test Graphs

Band 71\_5MHz\_QPSK\_133147\_1RB#0



Band 71\_5MHz\_QPSK\_133147\_25RB#0



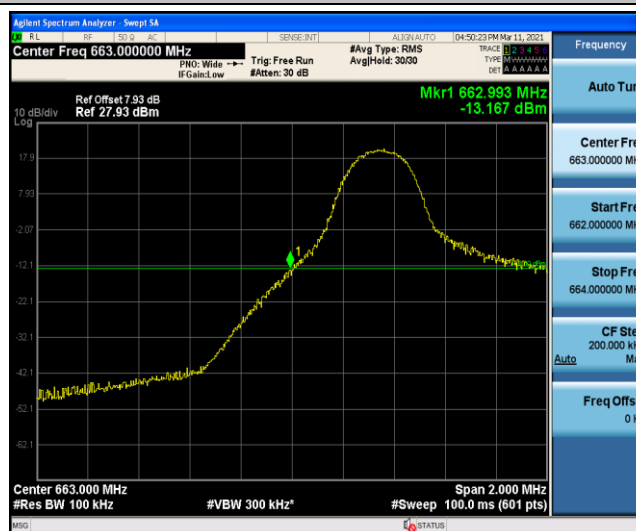
Band 71\_5MHz\_QPSK\_133447\_1RB#0



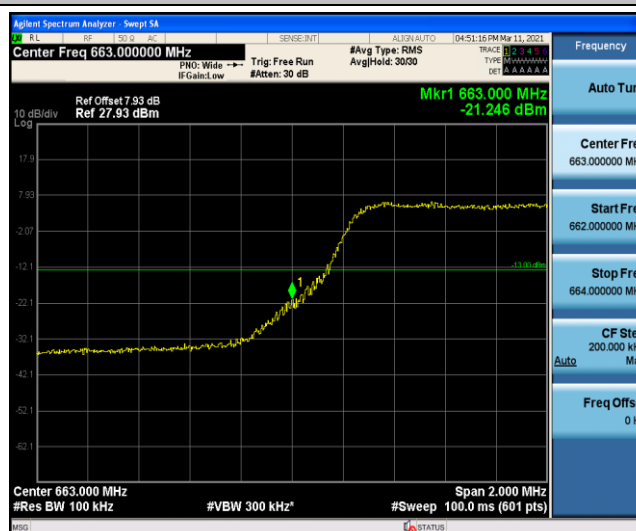
Band 71\_5MHz\_QPSK\_133447\_25RB#0



Band 71\_5MHz\_16QAM\_133147\_1RB#0



Band 71\_5MHz\_16QAM\_133147\_25RB#0



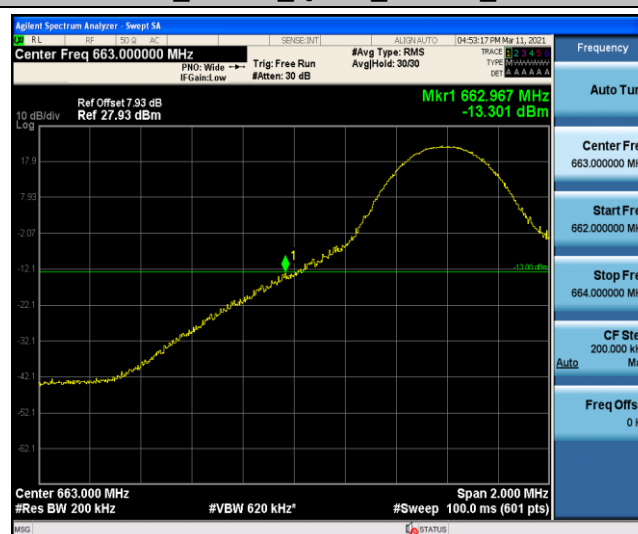
Band 71\_5MHz\_16QAM\_133447\_1RB#0



Band 71\_5MHz\_16QAM\_133447\_25RB#0



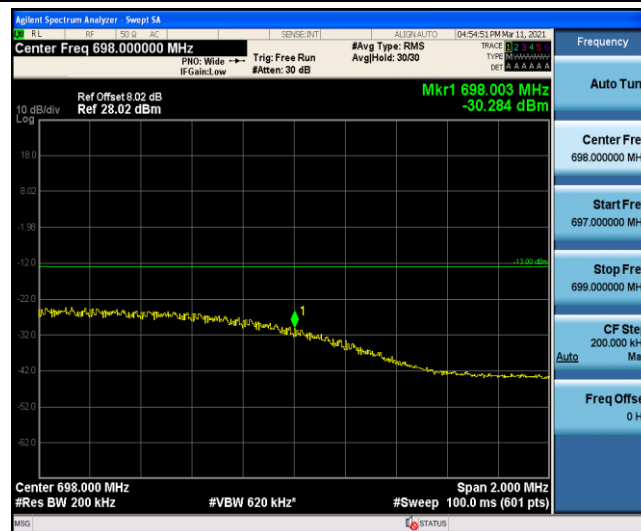
Band 71\_10MHz\_QPSK\_133172\_1RB#0



Band 71\_10MHz\_QPSK\_133172\_50RB#0



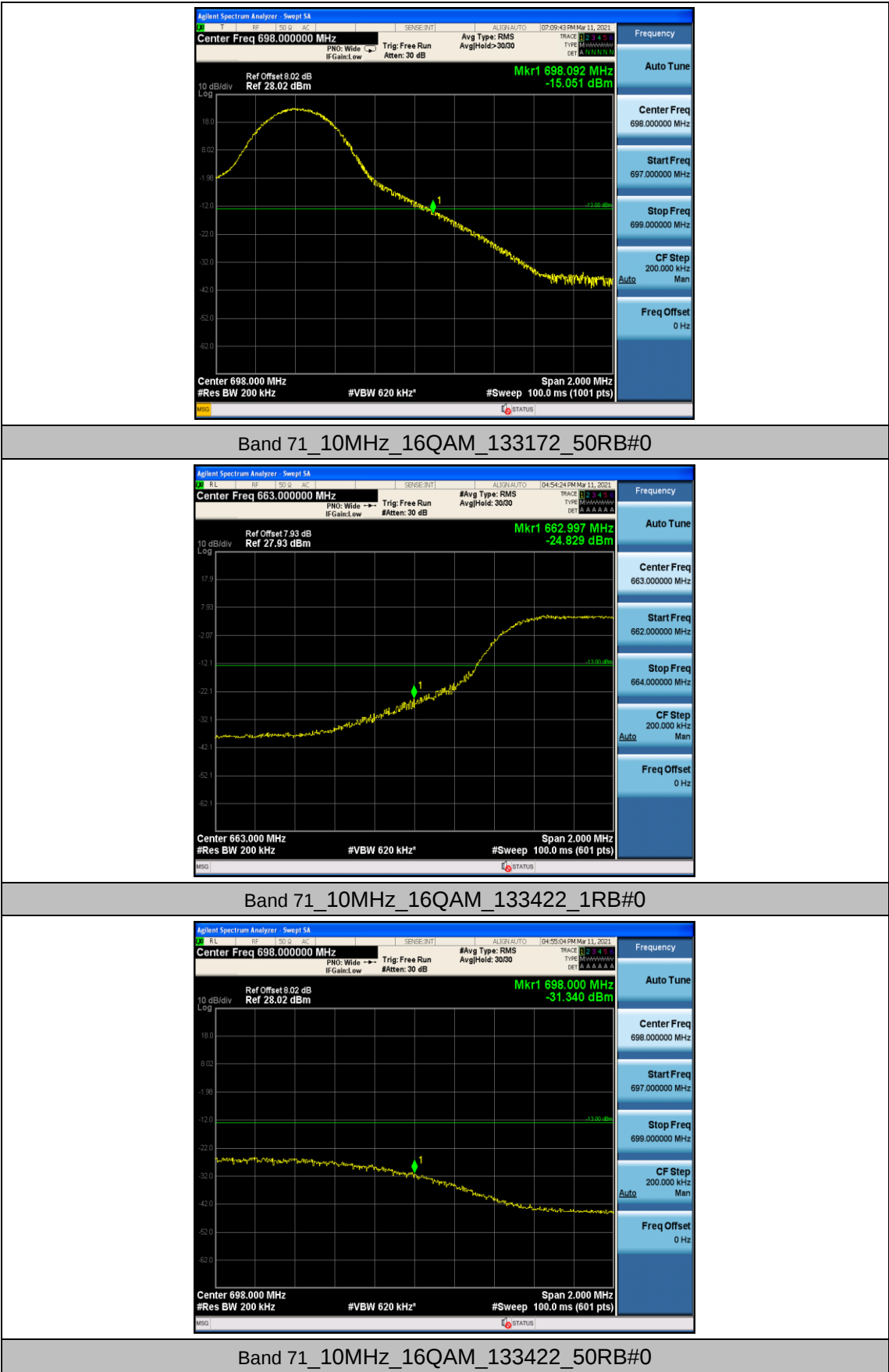
Band 71\_10MHz\_QPSK\_133422\_1RB#0



Band 71\_10MHz\_QPSK\_133422\_50RB#0

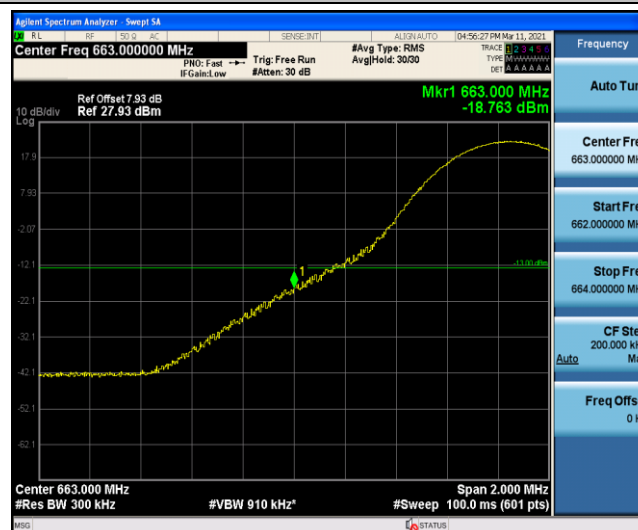


Band 71\_10MHz\_16QAM\_133172\_1RB#0





Band 71\_15MHz\_QPSK\_133197\_1RB#0



Band 71\_15MHz\_QPSK\_133197\_75RB#0



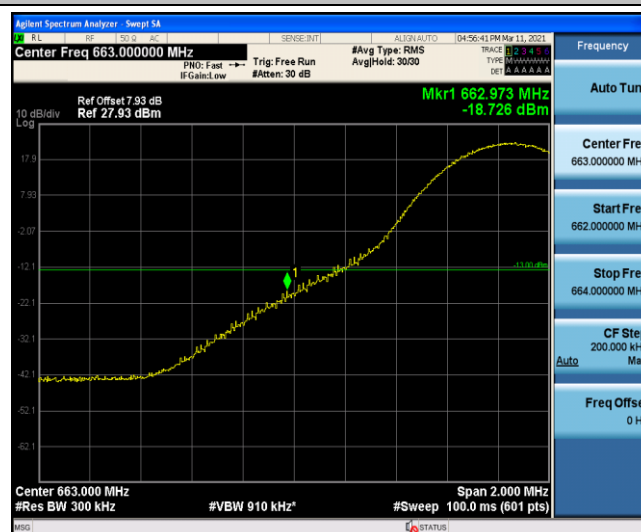
Band 71\_15MHz\_QPSK\_133397\_1RB#0



Band 71\_15MHz\_QPSK\_133397\_75RB#0



Band 71\_15MHz\_16QAM\_133197\_1RB#0



Band 71\_15MHz\_16QAM\_133197\_75RB#0



Band 71\_15MHz\_16QAM\_133397\_1RB#0



Band 71\_15MHz\_16QAM\_133397\_75RB#0



Band 71\_20MHz\_QPSK\_133222\_1RB#0



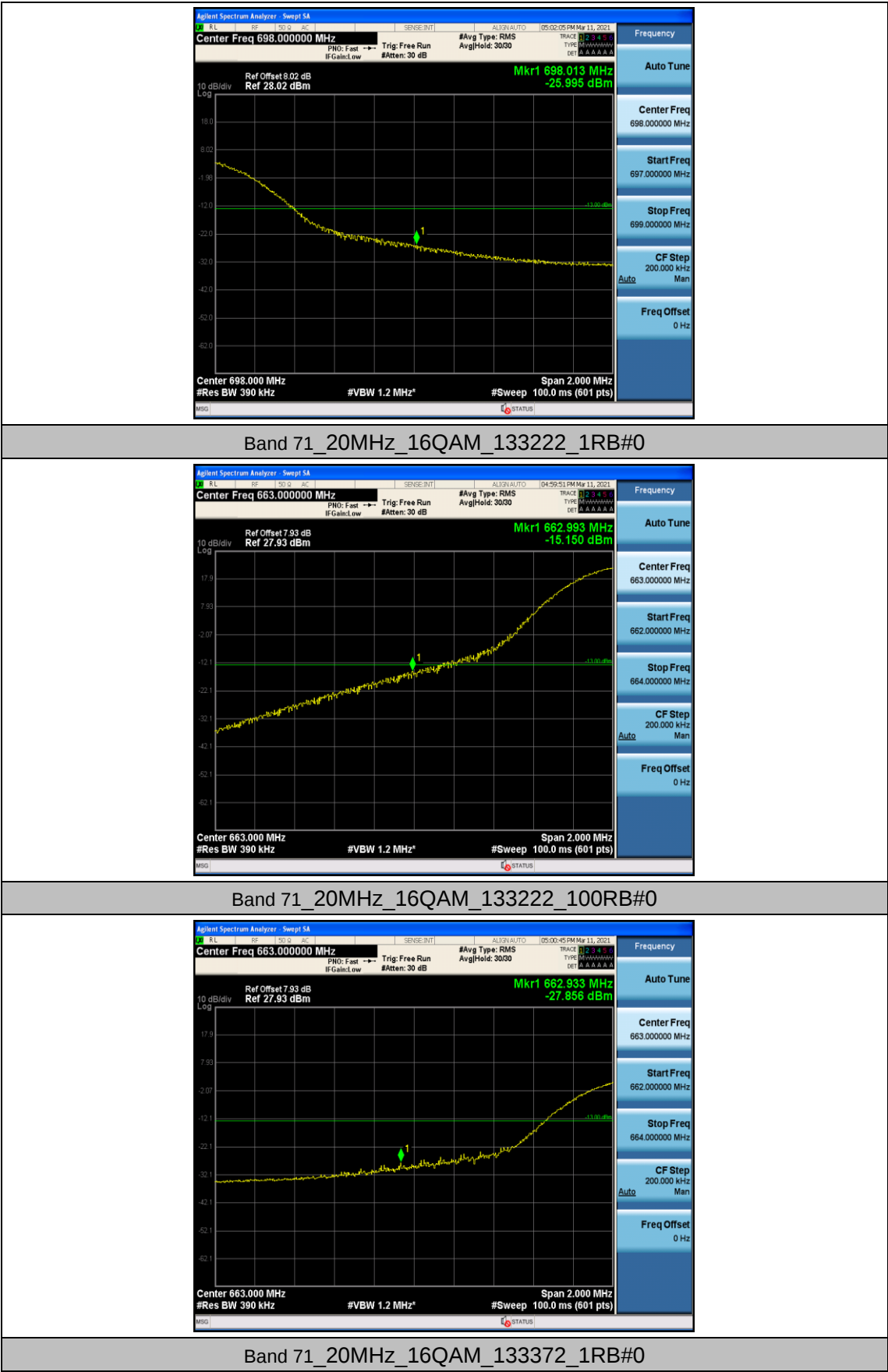
Band 71\_20MHz\_QPSK\_133222\_100RB#0

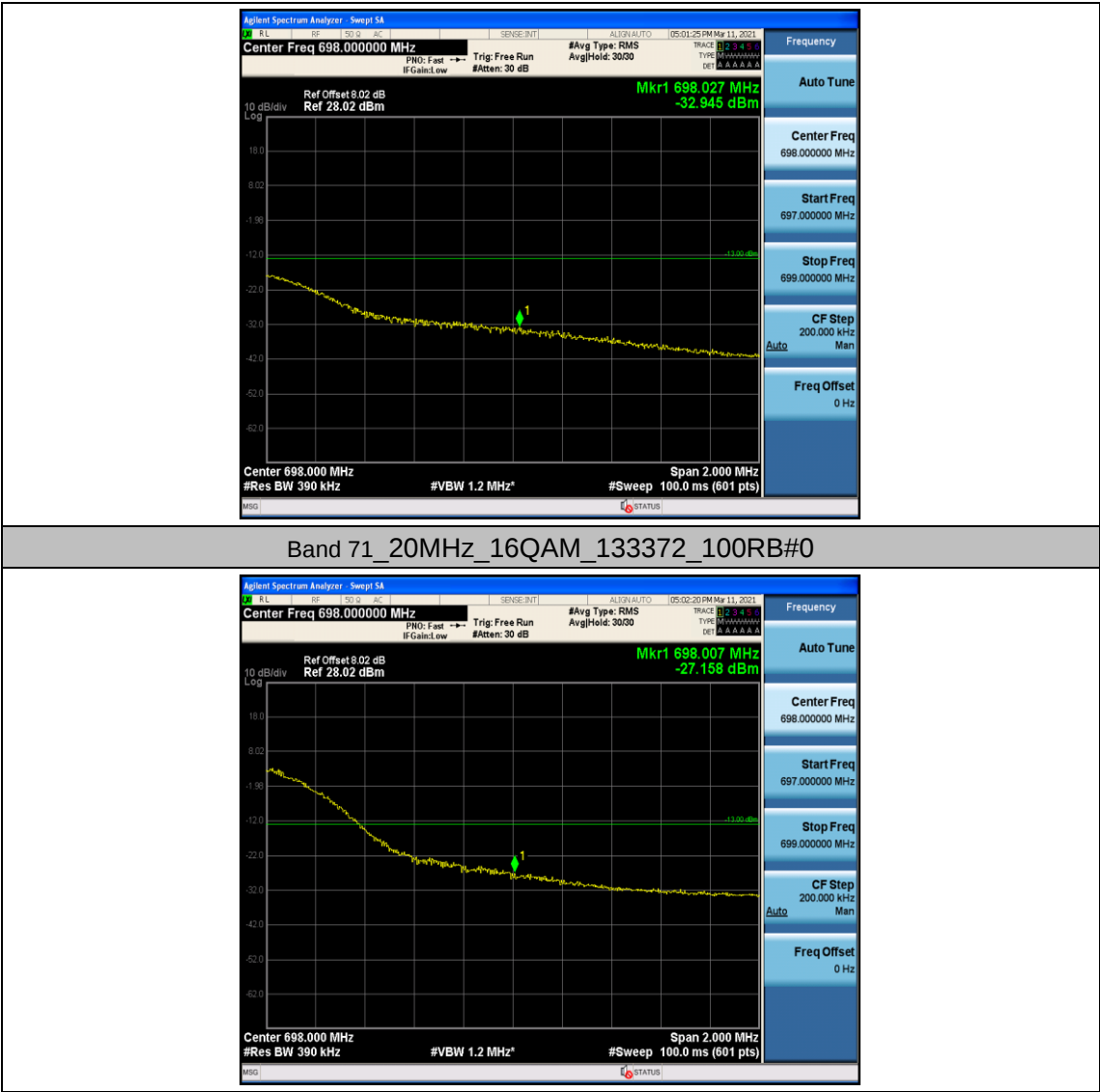


Band 71\_20MHz\_QPSK\_133372\_1RB#0



Band 71\_20MHz\_QPSK\_133372\_100RB#0





## Appendix E: Conducted Spurious Emission

### Test Result

| Band    | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range      | Verdict |
|---------|-----------|------------|---------|------------------|----------------------|---------|
| Band 71 | 5MHz      | QPSK       | 133147  | 1RB#0            | Range1:0.009~0.15MHz | PASS    |
| Band 71 | 5MHz      | QPSK       | 133147  | 1RB#0            | Range2:0.15~30MHz    | PASS    |
| Band 71 | 5MHz      | QPSK       | 133147  | 1RB#0            | Range3:30~1000MHz    | PASS    |
| Band 71 | 5MHz      | QPSK       | 133147  | 1RB#0            | Range4:1000~26500MHz | PASS    |
| Band 71 | 5MHz      | QPSK       | 133297  | 1RB#0            | Range1:0.009~0.15MHz | PASS    |
| Band 71 | 5MHz      | QPSK       | 133297  | 1RB#0            | Range2:0.15~30MHz    | PASS    |
| Band 71 | 5MHz      | QPSK       | 133297  | 1RB#0            | Range3:30~1000MHz    | PASS    |
| Band 71 | 5MHz      | QPSK       | 133297  | 1RB#0            | Range4:1000~26500MHz | PASS    |
| Band 71 | 5MHz      | QPSK       | 133447  | 1RB#0            | Range1:0.009~0.15MHz | PASS    |
| Band 71 | 5MHz      | QPSK       | 133447  | 1RB#0            | Range2:0.15~30MHz    | PASS    |
| Band 71 | 5MHz      | QPSK       | 133447  | 1RB#0            | Range3:30~1000MHz    | PASS    |
| Band 71 | 5MHz      | QPSK       | 133447  | 1RB#0            | Range4:1000~26500MHz | PASS    |
| Band 71 | 5MHz      | 16QAM      | 133147  | 1RB#0            | Range1:0.009~0.15MHz | PASS    |
| Band 71 | 5MHz      | 16QAM      | 133147  | 1RB#0            | Range2:0.15~30MHz    | PASS    |
| Band 71 | 5MHz      | 16QAM      | 133147  | 1RB#0            | Range3:30~1000MHz    | PASS    |
| Band 71 | 5MHz      | 16QAM      | 133147  | 1RB#0            | Range4:1000~26500MHz | PASS    |
| Band 71 | 5MHz      | 16QAM      | 133297  | 1RB#0            | Range1:0.009~0.15MHz | PASS    |
| Band 71 | 5MHz      | 16QAM      | 133297  | 1RB#0            | Range2:0.15~30MHz    | PASS    |
| Band 71 | 5MHz      | 16QAM      | 133297  | 1RB#0            | Range3:30~1000MHz    | PASS    |
| Band 71 | 5MHz      | 16QAM      | 133297  | 1RB#0            | Range4:1000~26500MHz | PASS    |
| Band 71 | 5MHz      | 16QAM      | 133447  | 1RB#0            | Range1:0.009~0.15MHz | PASS    |
| Band 71 | 5MHz      | 16QAM      | 133447  | 1RB#0            | Range2:0.15~30MHz    | PASS    |
| Band 71 | 5MHz      | 16QAM      | 133447  | 1RB#0            | Range3:30~1000MHz    | PASS    |
| Band 71 | 5MHz      | 16QAM      | 133447  | 1RB#0            | Range4:1000~26500MHz | PASS    |
| Band 71 | 10MHz     | QPSK       | 133172  | 1RB#0            | Range1:0.009~0.15MHz | PASS    |
| Band 71 | 10MHz     | QPSK       | 133172  | 1RB#0            | Range2:0.15~30MHz    | PASS    |
| Band 71 | 10MHz     | QPSK       | 133172  | 1RB#0            | Range3:30~1000MHz    | PASS    |
| Band 71 | 10MHz     | QPSK       | 133172  | 1RB#0            | Range4:1000~26500MHz | PASS    |
| Band 71 | 10MHz     | QPSK       | 133297  | 1RB#0            | Range1:0.009~0.15MHz | PASS    |
| Band 71 | 10MHz     | QPSK       | 133297  | 1RB#0            | Range2:0.15~30MHz    | PASS    |
| Band 71 | 10MHz     | QPSK       | 133297  | 1RB#0            | Range3:30~1000MHz    | PASS    |
| Band 71 | 10MHz     | QPSK       | 133297  | 1RB#0            | Range4:1000~26500MHz | PASS    |
| Band 71 | 10MHz     | QPSK       | 133422  | 1RB#0            | Range1:0.009~0.15MHz | PASS    |
| Band 71 | 10MHz     | QPSK       | 133422  | 1RB#0            | Range2:0.15~30MHz    | PASS    |
| Band 71 | 10MHz     | QPSK       | 133422  | 1RB#0            | Range3:30~1000MHz    | PASS    |

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<http://www.semtest.com.cn>

|         |       |       |        |       |                      |      |
|---------|-------|-------|--------|-------|----------------------|------|
| Band 71 | 10MHz | QPSK  | 133422 | 1RB#0 | Range4:1000~26500MHz | PASS |
| Band 71 | 10MHz | 16QAM | 133172 | 1RB#0 | Range1:0.009~0.15MHz | PASS |
| Band 71 | 10MHz | 16QAM | 133172 | 1RB#0 | Range2:0.15~30MHz    | PASS |
| Band 71 | 10MHz | 16QAM | 133172 | 1RB#0 | Range3:30~1000MHz    | PASS |
| Band 71 | 10MHz | 16QAM | 133172 | 1RB#0 | Range4:1000~26500MHz | PASS |
| Band 71 | 10MHz | 16QAM | 133297 | 1RB#0 | Range1:0.009~0.15MHz | PASS |
| Band 71 | 10MHz | 16QAM | 133297 | 1RB#0 | Range2:0.15~30MHz    | PASS |
| Band 71 | 10MHz | 16QAM | 133297 | 1RB#0 | Range3:30~1000MHz    | PASS |
| Band 71 | 10MHz | 16QAM | 133297 | 1RB#0 | Range4:1000~26500MHz | PASS |
| Band 71 | 10MHz | 16QAM | 133422 | 1RB#0 | Range1:0.009~0.15MHz | PASS |
| Band 71 | 10MHz | 16QAM | 133422 | 1RB#0 | Range2:0.15~30MHz    | PASS |
| Band 71 | 10MHz | 16QAM | 133422 | 1RB#0 | Range3:30~1000MHz    | PASS |
| Band 71 | 10MHz | 16QAM | 133422 | 1RB#0 | Range4:1000~26500MHz | PASS |
| Band 71 | 15MHz | QPSK  | 133197 | 1RB#0 | Range1:0.009~0.15MHz | PASS |
| Band 71 | 15MHz | QPSK  | 133197 | 1RB#0 | Range2:0.15~30MHz    | PASS |
| Band 71 | 15MHz | QPSK  | 133197 | 1RB#0 | Range3:30~1000MHz    | PASS |
| Band 71 | 15MHz | QPSK  | 133197 | 1RB#0 | Range4:1000~26500MHz | PASS |
| Band 71 | 15MHz | QPSK  | 133297 | 1RB#0 | Range1:0.009~0.15MHz | PASS |
| Band 71 | 15MHz | QPSK  | 133297 | 1RB#0 | Range2:0.15~30MHz    | PASS |
| Band 71 | 15MHz | QPSK  | 133297 | 1RB#0 | Range3:30~1000MHz    | PASS |
| Band 71 | 15MHz | QPSK  | 133297 | 1RB#0 | Range4:1000~26500MHz | PASS |
| Band 71 | 15MHz | QPSK  | 133397 | 1RB#0 | Range1:0.009~0.15MHz | PASS |
| Band 71 | 15MHz | QPSK  | 133397 | 1RB#0 | Range2:0.15~30MHz    | PASS |
| Band 71 | 15MHz | QPSK  | 133397 | 1RB#0 | Range3:30~1000MHz    | PASS |
| Band 71 | 15MHz | QPSK  | 133397 | 1RB#0 | Range4:1000~26500MHz | PASS |
| Band 71 | 15MHz | 16QAM | 133197 | 1RB#0 | Range1:0.009~0.15MHz | PASS |
| Band 71 | 15MHz | 16QAM | 133197 | 1RB#0 | Range2:0.15~30MHz    | PASS |
| Band 71 | 15MHz | 16QAM | 133197 | 1RB#0 | Range3:30~1000MHz    | PASS |
| Band 71 | 15MHz | 16QAM | 133197 | 1RB#0 | Range4:1000~26500MHz | PASS |
| Band 71 | 15MHz | 16QAM | 133297 | 1RB#0 | Range1:0.009~0.15MHz | PASS |
| Band 71 | 15MHz | 16QAM | 133297 | 1RB#0 | Range2:0.15~30MHz    | PASS |
| Band 71 | 15MHz | 16QAM | 133297 | 1RB#0 | Range3:30~1000MHz    | PASS |
| Band 71 | 15MHz | 16QAM | 133297 | 1RB#0 | Range4:1000~26500MHz | PASS |
| Band 71 | 15MHz | 16QAM | 133397 | 1RB#0 | Range1:0.009~0.15MHz | PASS |
| Band 71 | 15MHz | 16QAM | 133397 | 1RB#0 | Range2:0.15~30MHz    | PASS |
| Band 71 | 15MHz | 16QAM | 133397 | 1RB#0 | Range3:30~1000MHz    | PASS |
| Band 71 | 15MHz | 16QAM | 133397 | 1RB#0 | Range4:1000~26500MHz | PASS |
| Band 71 | 20MHz | QPSK  | 133222 | 1RB#0 | Range1:0.009~0.15MHz | PASS |
| Band 71 | 20MHz | QPSK  | 133222 | 1RB#0 | Range2:0.15~30MHz    | PASS |
| Band 71 | 20MHz | QPSK  | 133222 | 1RB#0 | Range3:30~1000MHz    | PASS |
| Band 71 | 20MHz | QPSK  | 133222 | 1RB#0 | Range4:1000~26500MHz | PASS |
| Band 71 | 20MHz | QPSK  | 133297 | 1RB#0 | Range1:0.009~0.15MHz | PASS |