## Appendix E: Test Data for E-UTRA Band 4

**Product Name: Tablet PC** 

HYUNDAI

**Trade Mark:** 

Test Model: 10LC1

## **Environmental Conditions**

| Temperature:       | 24.6° C   |
|--------------------|-----------|
| Relative Humidity: | 54.1%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Li Huan   |
| Supervised by:     | Tom Liu   |

**E.1 Conducted Output Power** 

| Conducted Output Power Test Result (Channel Bandwidth: 1.4 MHz) |         |        |            |                     |                     |         |  |  |
|---|---------|--------|------------|---------------------|---------------------|---------|--|--|
| Modulation  | Channal | RB Con | figuration | Average Power [dBm] | Average Power [dBm] | Verdict |  |  |
| Modulation  | Channel | Size   | Offset     | QPSK                | 16QAM               | verdict |  |  |
|   |         | 1      | 0          | 22.79               | 21.54               | PASS    |  |  |
|   |         | 1      | 3          | 22.92               | 21.77               | PASS    |  |  |
|   |         | 1      | 5          | 22.85               | 21.63               | PASS    |  |  |
|   | LCH     | 3      | 0          | 22.52               | 21.48               | PASS    |  |  |
|   |         | 3      | 2          | 22.64               | 21.53               | PASS    |  |  |
|   |         | 3      | 3          | 22.56               | 21.47               | PASS    |  |  |
|   |         | 6      | 0          | 21.87               | 20.57               | PASS    |  |  |
|   | ,       | 1      | 0          | 22.76               | 22.06               | PASS    |  |  |
| QPSK /  |         | 1      | 3          | 22.80               | 22.02               | PASS    |  |  |
| 16QAM   |         | 1      | 5          | 22.57               | 21.86               | PASS    |  |  |
| IOQAW   | MCH     | 3      | 0          | 22.84               | 21.75               | PASS    |  |  |
|   |         | 3      | 2          | 22.76               | 21.74               | PASS    |  |  |
|   |         | 3      | 3          | 22.72               | 21.67               | PASS    |  |  |
|   |         | 6      | 0          | 21.74               | 20.64               | PASS    |  |  |
|   |         | 1      | 0          | 22.36               | 23.30               | PASS    |  |  |
|   |         | 1      | 3          | 24.43               | 23.58               | PASS    |  |  |
|   | HCH     | 1      | 5          | 24.25               | 23.59               | PASS    |  |  |
|   |         | 3      | 0          | 24.30               | 23.06               | PASS    |  |  |
|   |         | 3      | 2          | 24.37               | 23.27               | PASS    |  |  |

| <u>SHENZHEN L</u> | SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. |   |   | RY LTD. FCC ID: 2AVTH-10 | LC1-2 Report No.: LCS20 | )1026153AEG |
|-------------------|---|---|---|--------------------------|-------------------------|-------------|
|                   |   | 3 | 3 | 24.21                    | 23.27                   | PASS        |
|                   |   | 6 | 0 | 24.00                    | 22.70                   | PASS        |

| Conducted Output Power Test Result (Channel Bandwidth: 3 MHz) |         |                  |        |                     |                     |         |  |  |
|---|---------|------------------|--------|---------------------|---------------------|---------|--|--|
| Modulation  | Channel | RB Configuration |        | Average Power [dBm] | Average Power [dBm] | Verdict |  |  |
| Modulation  | Channel | Size             | Offset | QPSK                | 16QAM               | verdict |  |  |
|   |         | 1                | 0      | 22.61               | 21.60               | PASS    |  |  |
|   |         | 1                | 7      | 22.92               | 21.94               | PASS    |  |  |
|   |         | 1                | 14     | 22.98               | 21.88               | PASS    |  |  |
|   | LCH     | 8                | 0      | 21.71               | 20.57               | PASS    |  |  |
|   |         | 8                | 4      | 21.85               | 20.70               | PASS    |  |  |
|   |         | 8                | 7      | 21.88               | 20.70               | PASS    |  |  |
|   |         | 15               | 0      | 21.72               | 20.47               | PASS    |  |  |
|   | МСН     | 1                | 0      | 22.97               | 22.24               | PASS    |  |  |
|   |         | 1                | 7      | 22.89               | 22.15               | PASS    |  |  |
| QPSK /  |         | 1                | 14     | 22.41               | 21.79               | PASS    |  |  |
| 16QAM   |         | 8                | 0      | 21.83               | 20.80               | PASS    |  |  |
| IOQAM   |         | 8                | 4      | 21.71               | 20.66               | PASS    |  |  |
|   |         | 8                | 7      | 21.56               | 20.53               | PASS    |  |  |
|   |         | 15               | 0      | 21.66               | 20.64               | PASS    |  |  |
|   |         | 1                | 0      | 21.45               | 23.20               | PASS    |  |  |
|   |         | 1                | 7      | 23.24               | 23.62               | PASS    |  |  |
|   |         | 1                | 14     | 24.37               | 23.65               | PASS    |  |  |
|   | HCH     | 8                | 0      | 23.54               | 22.18               | PASS    |  |  |
|   |         | 8                | 4      | 23.72               | 22.37               | PASS    |  |  |
|   |         | 8                | 7      | 23.73               | 22.39               | PASS    |  |  |
|   |         | 15               | 0      | 23.48               | 22.25               | PASS    |  |  |

|            | Conducted Output Power Test Result (Channel Bandwidth: 5 MHz) |        |            |                     |                     |             |  |  |  |
|------------|---|--------|------------|---------------------|---------------------|-------------|--|--|--|
| Madulation | Channal   | RB Con | figuration | Average Power [dBm] | Average Power [dBm] | \/a ==li =4 |  |  |  |
| Modulation | Channel   | Size   | Offset     | QPSK                | 16QAM               | Verdict     |  |  |  |
|            |   | 1      | 0          | 22.60               | 21.53               | PASS        |  |  |  |
|            |   | 1      | 12         | 23.06               | 22.01               | PASS        |  |  |  |
|            |   | 1      | 24         | 23.21               | 22.09               | PASS        |  |  |  |
|            | LCH   | 12     | 0          | 21.62               | 20.53               | PASS        |  |  |  |
|            |   | 12     | 6          | 21.83               | 20.69               | PASS        |  |  |  |
|            |   | 12     | 13         | 21.95               | 20.83               | PASS        |  |  |  |
|            |   | 25     | 0          | 21.78               | 20.68               | PASS        |  |  |  |
|            | МСН   | 1      | 0          | 23.07               | 22.21               | PASS        |  |  |  |
|            |   | 1      | 12         | 22.94               | 22.09               | PASS        |  |  |  |
| QPSK /     |   | 1      | 24         | 22.22               | 21.40               | PASS        |  |  |  |
| 16QAM      |   | 12     | 0          | 21.85               | 20.97               | PASS        |  |  |  |
| TOQAW      |   | 12     | 6          | 21.71               | 20.85               | PASS        |  |  |  |
|            |   | 12     | 13         | 21.39               | 20.54               | PASS        |  |  |  |
|            |   | 25     | 0          | 21.65               | 20.67               | PASS        |  |  |  |
|            |   | 1      | 0          | 23.71               | 22.71               | PASS        |  |  |  |
|            |   | 1      | 12         | 23.36               | 23.49               | PASS        |  |  |  |
|            |   | 1      | 24         | 24.37               | 23.61               | PASS        |  |  |  |
|            | HCH   | 12     | 0          | 22.98               | 21.79               | PASS        |  |  |  |
|            |   | 12     | 6          | 23.32               | 22.08               | PASS        |  |  |  |
|            |   | 12     | 13         | 23.45               | 22.19               | PASS        |  |  |  |
|            |   | 25     | 0          | 23.21               | 22.00               | PASS        |  |  |  |

|            | Conducted Output Power Test Result (Channel Bandwidth: 10 MHz) |        |            |                     |                     |          |  |  |  |
|------------|--|--------|------------|---------------------|---------------------|----------|--|--|--|
| Madulation | Channal  | RB Con | figuration | Average Power [dBm] | Average Power [dBm] | \/andiat |  |  |  |
| Modulation | Channel  | Size   | Offset     | QPSK                | 16QAM               | Verdict  |  |  |  |
|            |  | 1      | 0          | 22.62               | 21.62               | PASS     |  |  |  |
|            |  | 1      | 24         | 23.45               | 22.34               | PASS     |  |  |  |
|            |  | 1      | 49         | 24.18               | 23.04               | PASS     |  |  |  |
|            | LCH  | 25     | 0          | 21.82               | 20.62               | PASS     |  |  |  |
|            |  | 25     | 12         | 22.20               | 21.00               | PASS     |  |  |  |
|            |  | 25     | 25         | 22.63               | 21.43               | PASS     |  |  |  |
|            |  | 50     | 0          | 22.12               | 21.01               | PASS     |  |  |  |
|            |  | 1      | 0          | 23.74               | 22.91               | PASS     |  |  |  |
|            |  | 1      | 24         | 22.83               | 22.12               | PASS     |  |  |  |
| QPSK /     | MCH  | 1      | 49         | 21.97               | 21.37               | PASS     |  |  |  |
| 16QAM      |  | 25     | 0          | 22.21               | 21.15               | PASS     |  |  |  |
| TOQAIVI    |  | 25     | 12         | 21.73               | 20.72               | PASS     |  |  |  |
|            |  | 25     | 25         | 21.23               | 20.28               | PASS     |  |  |  |
|            |  | 50     | 0          | 21.68               | 20.73               | PASS     |  |  |  |
|            |  | 1      | 0          | 22.65               | 21.74               | PASS     |  |  |  |
|            |  | 1      | 24         | 23.87               | 22.68               | PASS     |  |  |  |
|            |  | 1      | 49         | 22.25               | 23.58               | PASS     |  |  |  |
|            | HCH  | 25     | 0          | 22.10               | 20.98               | PASS     |  |  |  |
|            |  | 25     | 12         | 22.62               | 21.45               | PASS     |  |  |  |
|            |  | 25     | 25         | 23.10               | 21.88               | PASS     |  |  |  |
|            |  | 50     | 0          | 22.54               | 21.41               | PASS     |  |  |  |

|            | Conducted Output Power Test Result (Channel Bandwidth: 15 MHz) |                  |        |                     |                     |             |  |  |  |
|------------|--|------------------|--------|---------------------|---------------------|-------------|--|--|--|
| Madulation | Channal  | RB Configuration |        | Average Power [dBm] | Average Power [dBm] | \/a ==li =4 |  |  |  |
| Modulation | Channel  | Size             | Offset | QPSK                | 16QAM               | Verdict     |  |  |  |
|            |  | 1                | 0      | 22.59               | 21.53               | PASS        |  |  |  |
|            |  | 1                | 37     | 23.91               | 22.94               | PASS        |  |  |  |
|            |  | 1                | 74     | 24.23               | 23.29               | PASS        |  |  |  |
|            | LCH  | 37               | 0      | 22.30               | 21.04               | PASS        |  |  |  |
|            |  | 37               | 18     | 22.93               | 21.66               | PASS        |  |  |  |
|            |  | 37               | 38     | 23.35               | 22.13               | PASS        |  |  |  |
|            |  | 75               | 0      | 22.82               | 21.63               | PASS        |  |  |  |
|            | мсн  | 1                | 0      | 24.13               | 23.18               | PASS        |  |  |  |
|            |  | 1                | 37     | 22.88               | 22.06               | PASS        |  |  |  |
| QPSK /     |  | 1                | 74     | 21.82               | 21.11               | PASS        |  |  |  |
| 16QAM      |  | 37               | 0      | 22.52               | 21.47               | PASS        |  |  |  |
| TOQAW      |  | 37               | 18     | 21.91               | 20.84               | PASS        |  |  |  |
|            |  | 37               | 38     | 21.16               | 20.21               | PASS        |  |  |  |
|            |  | 75               | 0      | 21.97               | 20.86               | PASS        |  |  |  |
|            |  | 1                | 0      | 21.91               | 21.12               | PASS        |  |  |  |
|            |  | 1                | 37     | 23.29               | 22.25               | PASS        |  |  |  |
|            |  | 1                | 74     | 23.05               | 23.46               | PASS        |  |  |  |
|            | HCH  | 37               | 0      | 21.49               | 20.39               | PASS        |  |  |  |
|            |  | 37               | 18     | 22.18               | 21.03               | PASS        |  |  |  |
|            |  | 37               | 38     | 23.02               | 21.77               | PASS        |  |  |  |
|            |  | 75               | 0      | 22.32               | 21.14               | PASS        |  |  |  |

|            | Conducted Output Power Test Result (Channel Bandwidth: 20 MHz) |        |            |                     |                     |             |  |  |  |
|------------|--|--------|------------|---------------------|---------------------|-------------|--|--|--|
| Madulation | Channal  | RB Con | figuration | Average Power [dBm] | Average Power [dBm] | \/a ==li =4 |  |  |  |
| Modulation | Channel  | Size   | Offset     | QPSK                | 16QAM               | Verdict     |  |  |  |
|            |  | 1      | 0          | 22.54               | 21.43               | PASS        |  |  |  |
|            |  | 1      | 49         | 24.52               | 23.35               | PASS        |  |  |  |
|            |  | 1      | 99         | 23.32               | 22.34               | PASS        |  |  |  |
|            | LCH  | 50     | 0          | 22.29               | 21.13               | PASS        |  |  |  |
|            |  | 50     | 25         | 23.06               | 21.93               | PASS        |  |  |  |
|            |  | 50     | 50         | 23.15               | 22.10               | PASS        |  |  |  |
|            |  | 100    | 0          | 22.74               | 21.66               | PASS        |  |  |  |
|            |  | 1      | 0          | 24.23               | 23.32               | PASS        |  |  |  |
|            | мсн  | 1      | 49         | 22.93               | 22.18               | PASS        |  |  |  |
| QPSK /     |  | 1      | 99         | 21.76               | 21.09               | PASS        |  |  |  |
| 16QAM      |  | 50     | 0          | 22.59               | 21.58               | PASS        |  |  |  |
| TOQAW      |  | 50     | 25         | 21.78               | 20.83               | PASS        |  |  |  |
|            |  | 50     | 50         | 21.08               | 20.09               | PASS        |  |  |  |
|            |  | 100    | 0          | 21.88               | 20.89               | PASS        |  |  |  |
|            |  | 1      | 0          | 21.70               | 21.01               | PASS        |  |  |  |
|            |  | 1      | 49         | 22.59               | 21.74               | PASS        |  |  |  |
|            |  | 1      | 99         | 22.10               | 23.15               | PASS        |  |  |  |
|            | HCH  | 50     | 0          | 21.19               | 20.14               | PASS        |  |  |  |
|            |  | 50     | 25         | 21.57               | 20.51               | PASS        |  |  |  |
|            |  | 50     | 50         | 22.35               | 21.28               | PASS        |  |  |  |
|            |  | 100    | 0          | 21.74               | 20.72               | PASS        |  |  |  |

## E.2 Peak-to-Average Ratio

| Peak-to Average Ratio Test Result (Channel Bandwidth: 1.4 MHz) |          |                       |       |         |  |  |  |  |
|--|----------|-----------------------|-------|---------|--|--|--|--|
| Modulation   | Channel  | Peak-to-Average Ratio | Limit | Verdict |  |  |  |  |
| Modulation   | Griannei | [dB]                  | [dB]  | verdict |  |  |  |  |
|  | LCH      | 3.3                   | <13   | PASS    |  |  |  |  |
| QPSK   | MCH      | 4.72                  | <13   | PASS    |  |  |  |  |
|  | HCH      | 2.43                  | <13   | PASS    |  |  |  |  |
|  | LCH      | 4.27                  | <13   | PASS    |  |  |  |  |
| 16QAM  | MCH      | 5.64                  | <13   | PASS    |  |  |  |  |
|  | HCH      | 3.48                  | <13   | PASS    |  |  |  |  |

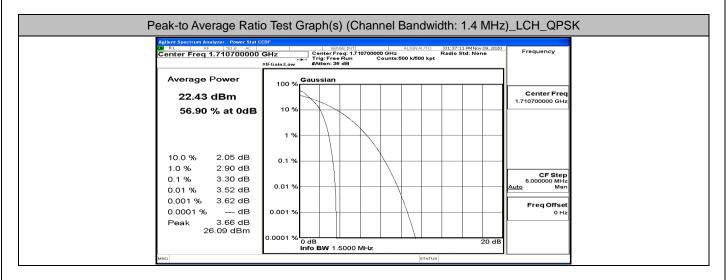
| Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz) |         |                       |       |         |  |  |  |
|--|---------|-----------------------|-------|---------|--|--|--|
| Modulation   | Channel | Peak-to-Average Ratio | Limit | Verdict |  |  |  |
| Modulation   | Charmer | [dB]                  | [dB]  | verdict |  |  |  |
|  | LCH     | 3.77                  | <13   | PASS    |  |  |  |
| QPSK   | MCH     | 4.97                  | <13   | PASS    |  |  |  |
|  | HCH     | 3.16                  | <13   | PASS    |  |  |  |
|  | LCH     | 4.66                  | <13   | PASS    |  |  |  |
| 16QAM  | MCH     | 5.76                  | <13   | PASS    |  |  |  |
|  | HCH     | 4.05                  | <13   | PASS    |  |  |  |

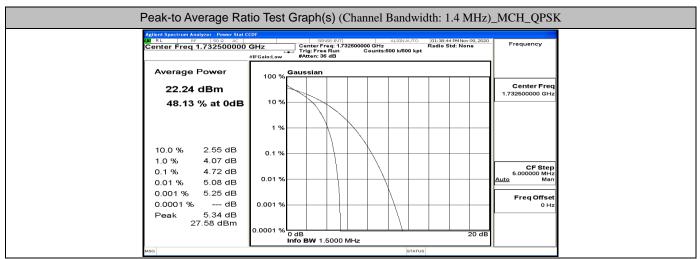
|            | Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz) |                       |       |         |  |  |  |  |
|------------|--|-----------------------|-------|---------|--|--|--|--|
| Modulation | Channel  | Peak-to-Average Ratio | Limit | Verdict |  |  |  |  |
| Modulation | Griannei   | [dB]                  | [dB]  | verdict |  |  |  |  |
|            | LCH  | 3.64                  | <13   | PASS    |  |  |  |  |
| QPSK       | MCH  | 4.96                  | <13   | PASS    |  |  |  |  |
|            | HCH  | 3.14                  | <13   | PASS    |  |  |  |  |
|            | LCH  | 4.47                  | <13   | PASS    |  |  |  |  |
| 16QAM      | MCH  | 5.79                  | <13   | PASS    |  |  |  |  |
|            | HCH  | 4.02                  | <13   | PASS    |  |  |  |  |

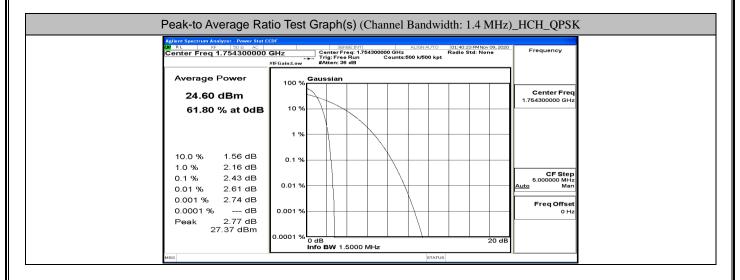
|            | Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz) |                       |       |         |  |  |  |  |
|------------|---|-----------------------|-------|---------|--|--|--|--|
| Modulation | Channel   | Peak-to-Average Ratio | Limit | Verdict |  |  |  |  |
| Modulation | Griannei  | [dB]                  | [dB]  | verdict |  |  |  |  |
|            | LCH   | 4.12                  | <13   | PASS    |  |  |  |  |
| QPSK       | MCH   | 5.18                  | <13   | PASS    |  |  |  |  |
|            | HCH   | 4.08                  | <13   | PASS    |  |  |  |  |
|            | LCH   | 4.85                  | <13   | PASS    |  |  |  |  |
| 16QAM      | MCH   | 5.94                  | <13   | PASS    |  |  |  |  |
|            | HCH   | 4.85                  | <13   | PASS    |  |  |  |  |

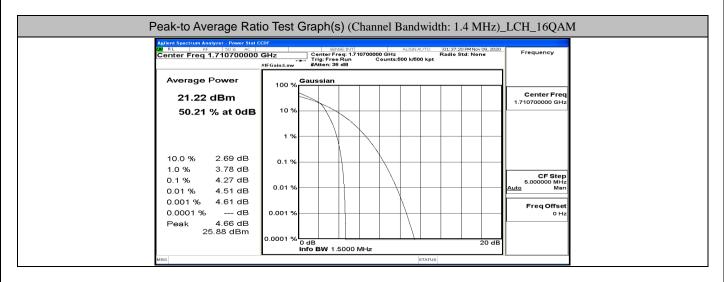
| Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz) |         |                       |       |         |  |
|---|---------|-----------------------|-------|---------|--|
| Modulation  | Channel | Peak-to-Average Ratio | Limit | Verdict |  |
|   |         | [dB]                  | [dB]  |         |  |
| QPSK  | LCH     | 4.93                  | <13   | PASS    |  |
|   | MCH     | 4.95                  | <13   | PASS    |  |
|   | HCH     | 4.99                  | <13   | PASS    |  |
| 16QAM   | LCH     | 5.78                  | <13   | PASS    |  |
|   | MCH     | 6.14                  | <13   | PASS    |  |
|   | HCH     | 5.86                  | <13   | PASS    |  |

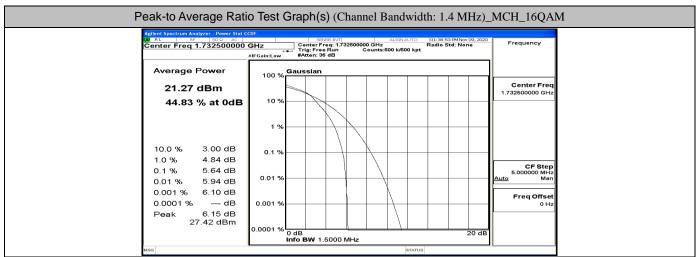
| Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz) |         |                       |       |         |  |
|---|---------|-----------------------|-------|---------|--|
| Modulation  | Channel | Peak-to-Average Ratio | Limit | Verdict |  |
| iviodulation  |         | [dB]                  | [dB]  | verdict |  |
| QPSK  | LCH     | 5.8                   | <13   | PASS    |  |
|   | MCH     | 5.77                  | <13   | PASS    |  |
|   | HCH     | 5.82                  | <13   | PASS    |  |
| 16QAM   | LCH     | 6.63                  | <13   | PASS    |  |
|   | MCH     | 6.68                  | <13   | PASS    |  |
|   | HCH     | 6.63                  | <13   | PASS    |  |

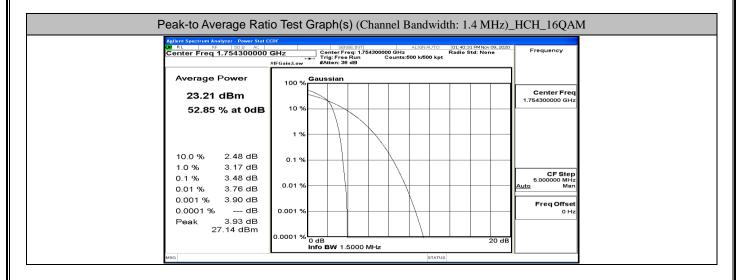


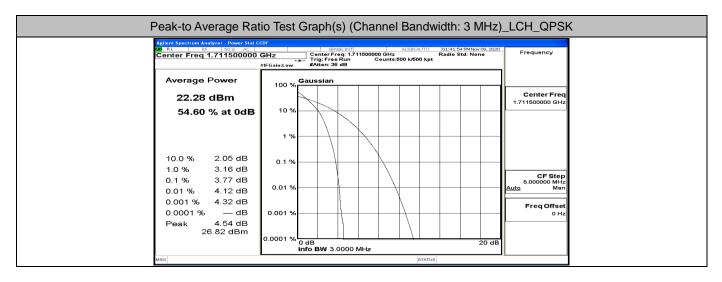


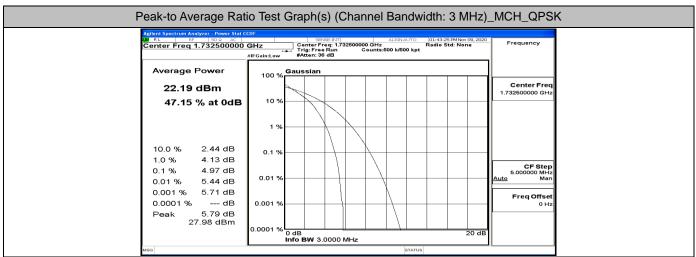


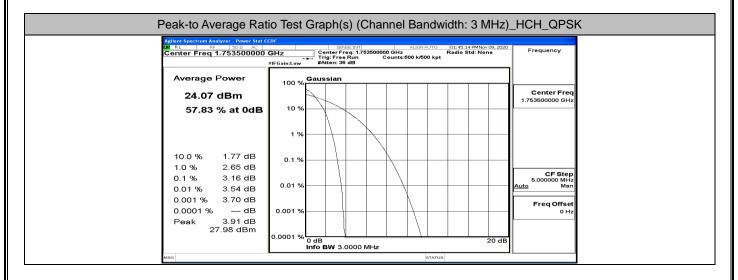


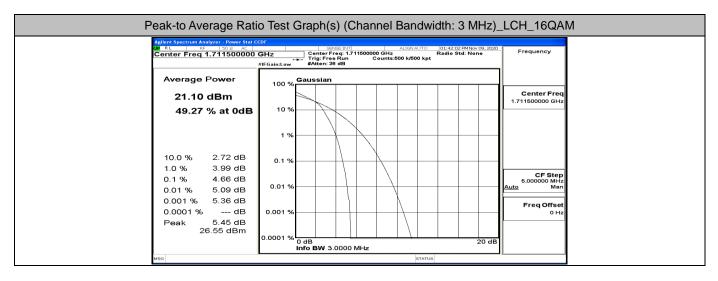


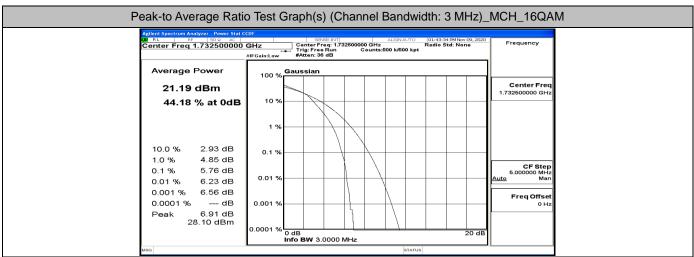


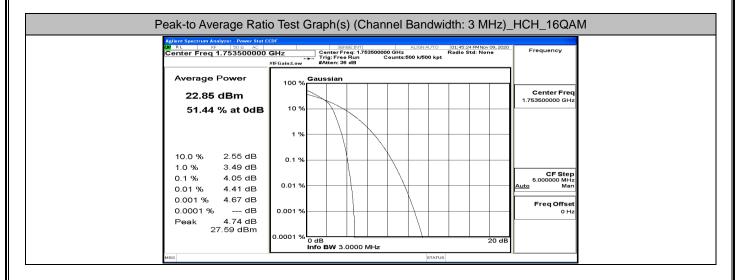


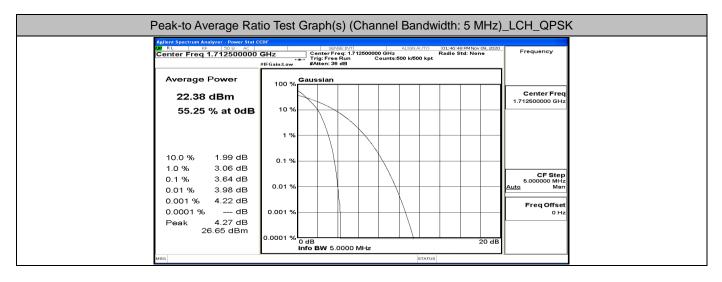


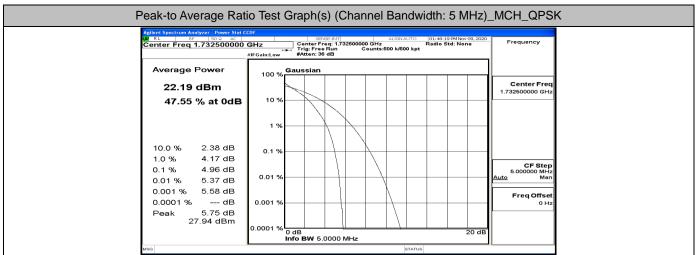


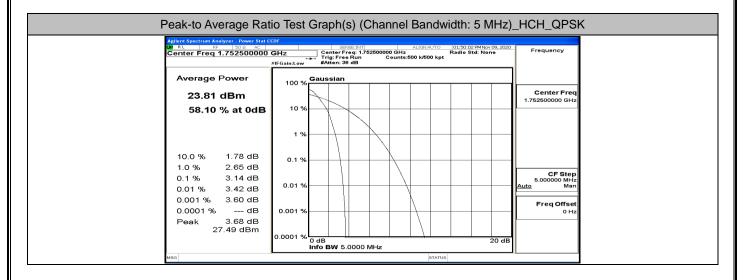


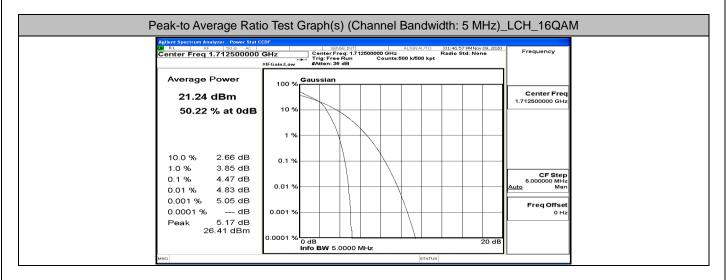


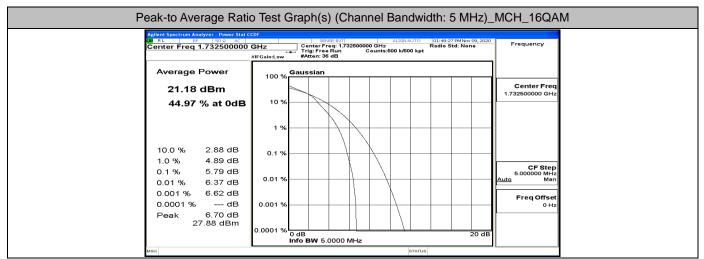


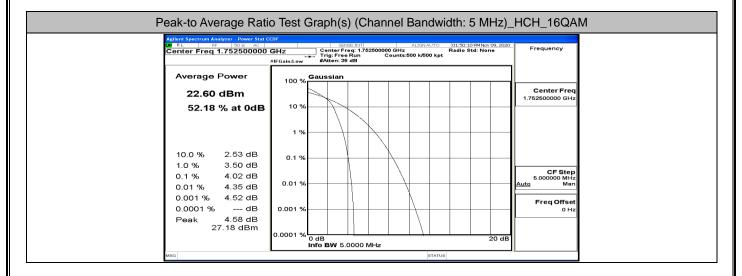


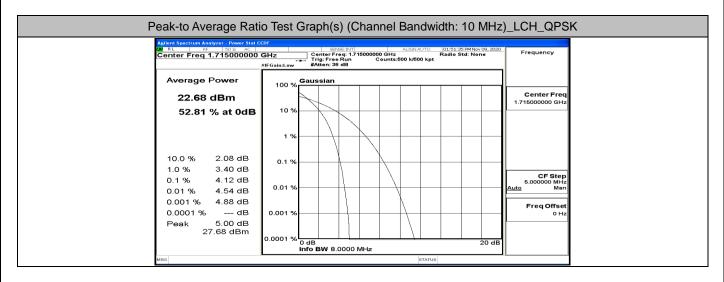


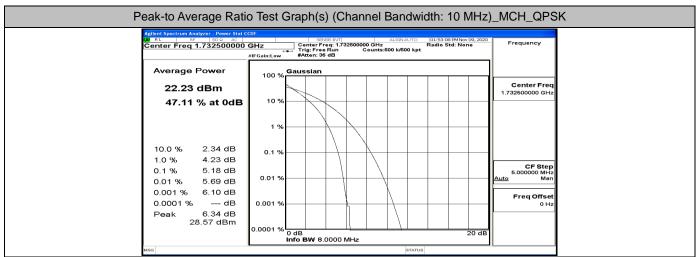


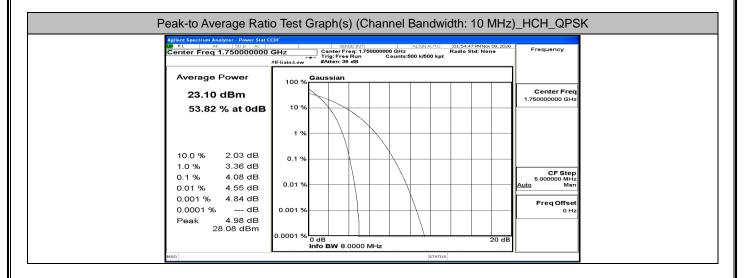


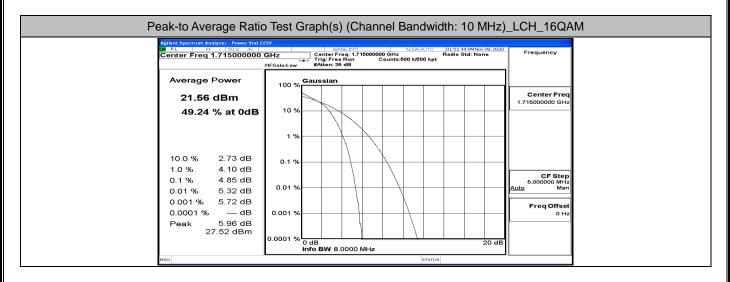


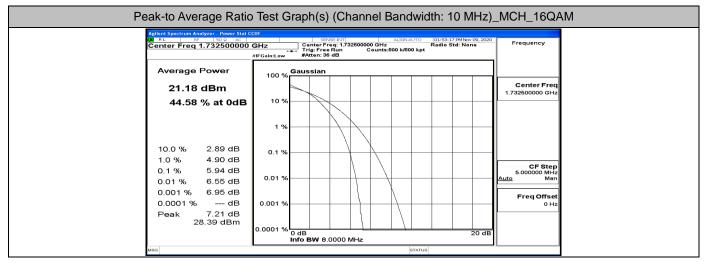


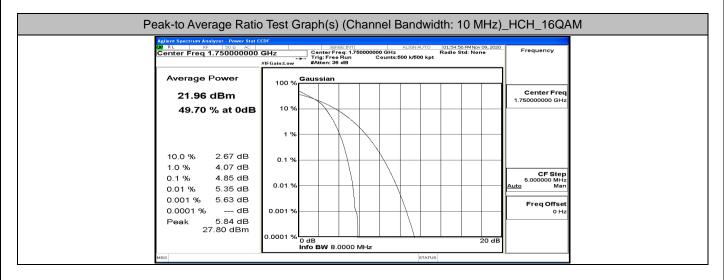


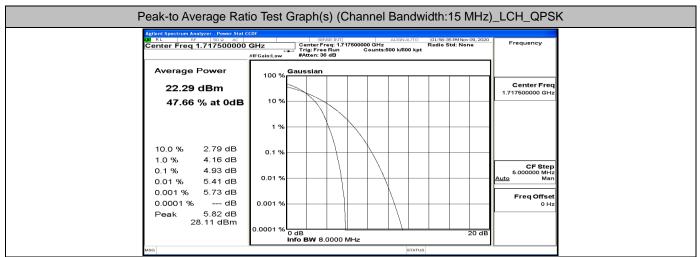


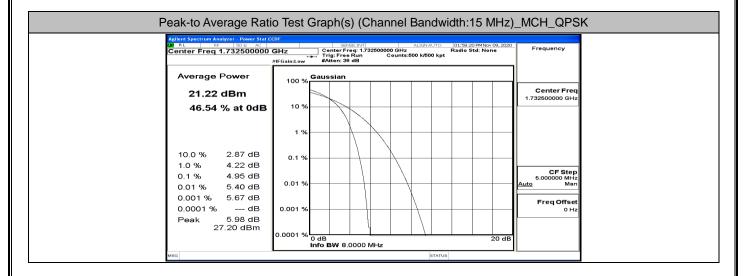


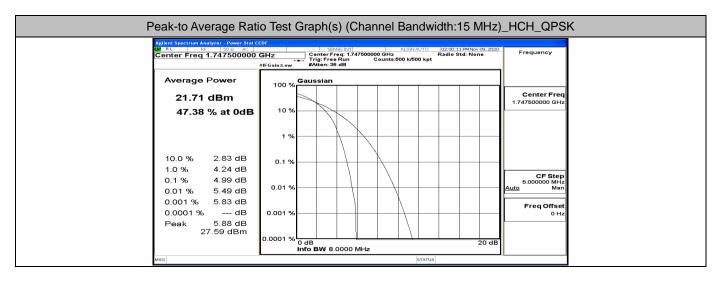


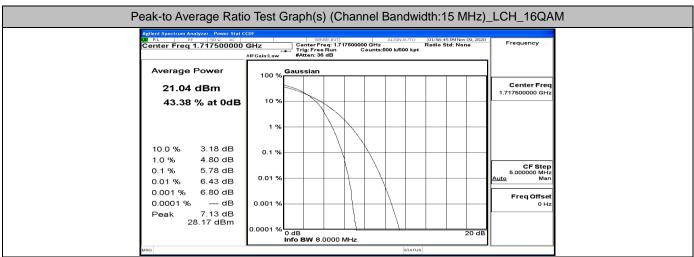


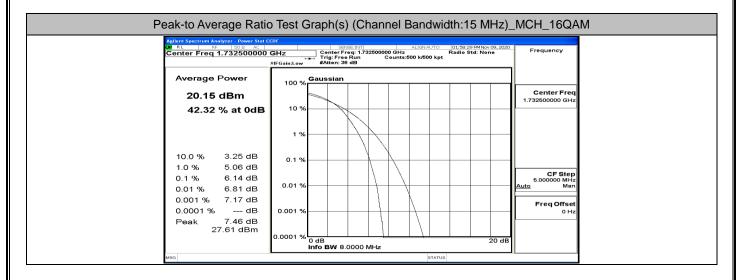


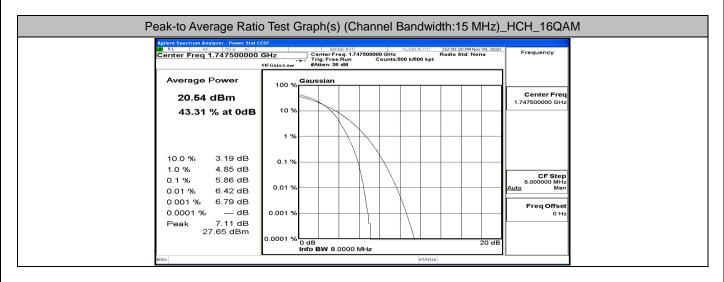


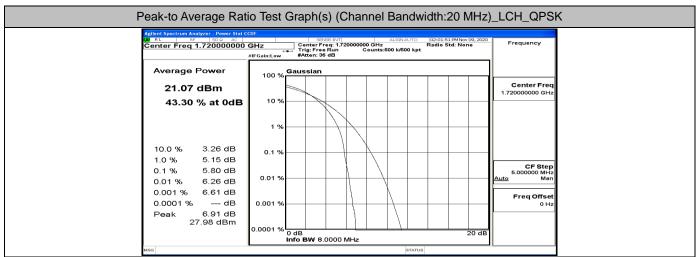


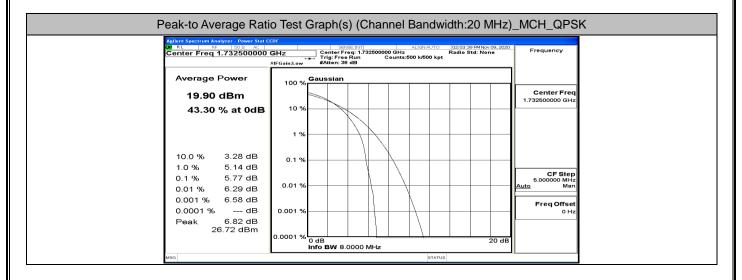


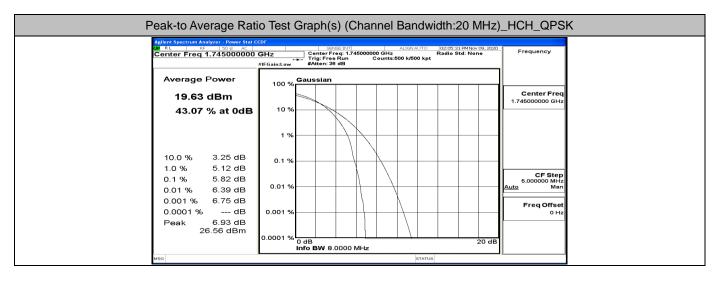


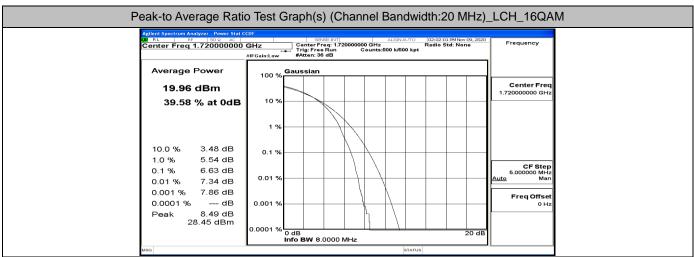


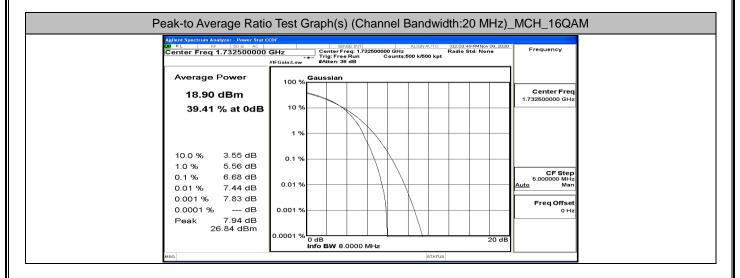


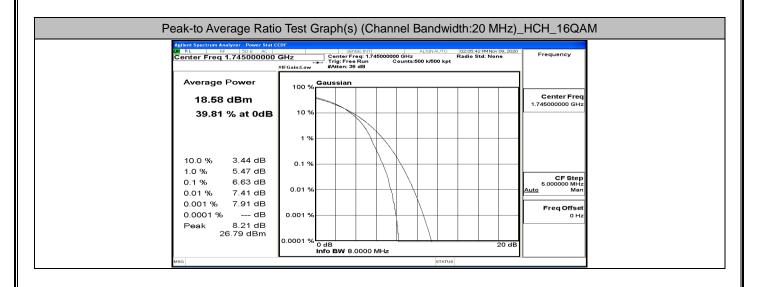












## E.3 26dB Bandwidth and Occupied Bandwidth

| EBW & OBW Test Result (Channel Bandwidth: 1.4 MHz) |         |                    |                |         |  |
|--|---------|--------------------|----------------|---------|--|
| Modulation   | Channel | Occupied Bandwidth | 26dB Bandwidth | Verdict |  |
| Modulation   |         | (MHz)              | (MHz)          | verdict |  |
| QPSK   | LCH     | 1.0843             | 1.556          | PASS    |  |
|  | MCH     | 1.0786             | 1.232          | PASS    |  |
|  | HCH     | 1.2313             | 2.233          | PASS    |  |
| 16QAM  | LCH     | 1.0791             | 1.288          | PASS    |  |
|  | MCH     | 1.0805             | 1.231          | PASS    |  |
|  | HCH     | 1.0905             | 1.902          | PASS    |  |

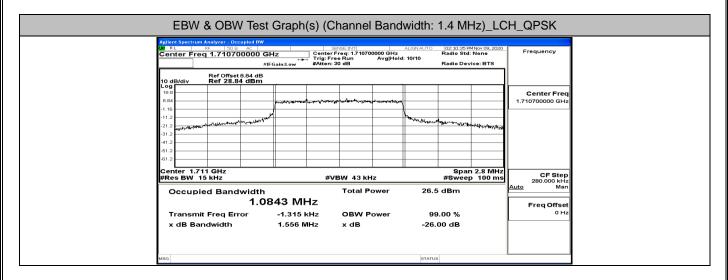
| EBW & OBW Test Result (Channel Bandwidth: 3 MHz) |         |                    |                |         |  |
|--|---------|--------------------|----------------|---------|--|
| Modulation                                       | Channel | Occupied Bandwidth | 26dB Bandwidth | Verdict |  |
| Modulation                                       |         | (MHz)              | (MHz)          |         |  |
| QPSK   | LCH     | 2.6943             | 3.766          | PASS    |  |
|  | MCH     | 2.6809             | 2.838          | PASS    |  |
|  | HCH     | 2.7076             | 5.229          | PASS    |  |
| 16QAM  | LCH     | 2.6861             | 2.865          | PASS    |  |
|  | MCH     | 2.6840             | 2.838          | PASS    |  |
|  | HCH     | 2.6970             | 4.261          | PASS    |  |

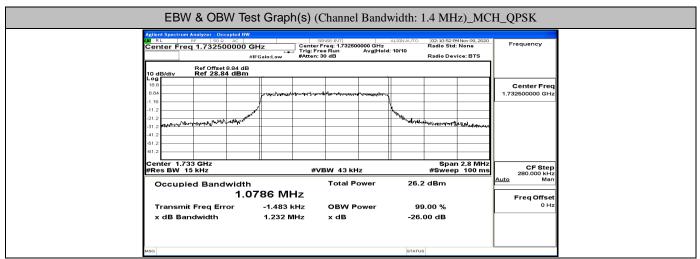
| EBW & OBW Test Result (Channel Bandwidth: 5 MHz) |         |                    |                |         |  |
|--|---------|--------------------|----------------|---------|--|
| Modulation                                       | Channel | Occupied Bandwidth | 26dB Bandwidth | Verdict |  |
|  |         | (MHz)              | (MHz)          |         |  |
| QPSK   | LCH     | 4.4993             | 7.392          | PASS    |  |
|  | MCH     | 4.4819             | 4.869          | PASS    |  |
|  | HCH     | 4.5294             | 9.204          | PASS    |  |
| 16QAM  | LCH     | 4.4969             | 5.571          | PASS    |  |
|  | MCH     | 4.4788             | 4.827          | PASS    |  |
|  | HCH     | 4.4992             | 7.441          | PASS    |  |

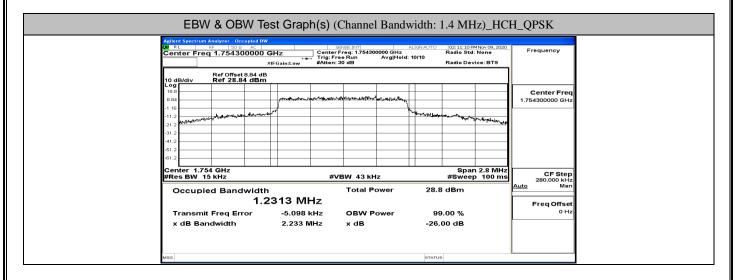
| EBW & OBW Test Result (Channel Bandwidth: 10 MHz) |         |                    |                |         |  |
|---|---------|--------------------|----------------|---------|--|
| Modulation  | Channel | Occupied Bandwidth | 26dB Bandwidth | Verdict |  |
|   |         | (MHz)              | (MHz)          |         |  |
| QPSK  | LCH     | 8.9832             | 14.16          | PASS    |  |
|   | MCH     | 8.9292             | 9.469          | PASS    |  |
|   | HCH     | 8.9885             | 14.05          | PASS    |  |
| 16QAM   | LCH     | 8.9672             | 11.84          | PASS    |  |
|   | MCH     | 8.9415             | 9.485          | PASS    |  |
|   | HCH     | 8.9628             | 11.00          | PASS    |  |

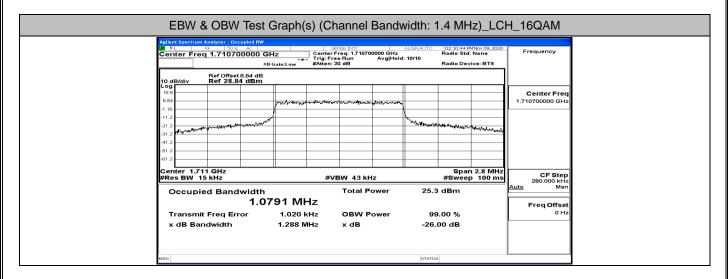
| EBW & OBW Test Result (Channel Bandwidth: 15 MHz) |         |                    |                |         |  |
|---|---------|--------------------|----------------|---------|--|
| Modulation  | Channel | Occupied Bandwidth | 26dB Bandwidth | Verdict |  |
| Modulation  |         | (MHz)              | (MHz)          |         |  |
| QPSK  | LCH     | 13.499             | 25.36          | PASS    |  |
|   | MCH     | 13.387             | 14.01          | PASS    |  |
|   | HCH     | 13.463             | 22.13          | PASS    |  |
| 16QAM   | LCH     | 13.427             | 19.69          | PASS    |  |
|   | MCH     | 13.380             | 14.10          | PASS    |  |
|   | HCH     | 13.443             | 15.24          | PASS    |  |

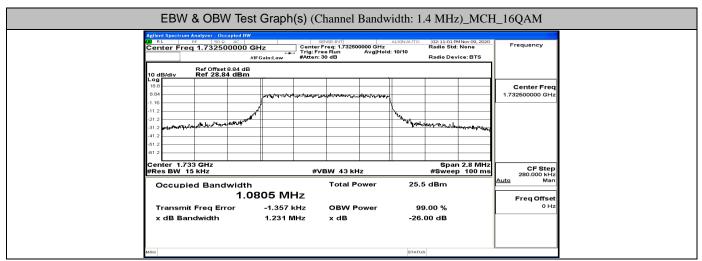
| EBW & OBW Test Result (Channel Bandwidth: 20 MHz) |         |                    |                |         |  |
|---|---------|--------------------|----------------|---------|--|
| Modulation  | Channel | Occupied Bandwidth | 26dB Bandwidth | Verdict |  |
|   |         | (MHz)              | (MHz)          |         |  |
| QPSK  | LCH     | 17.900             | 22.16          | PASS    |  |
|   | MCH     | 17.842             | 18.61          | PASS    |  |
|   | HCH     | 17.924             | 18.75          | PASS    |  |
| 16QAM   | LCH     | 17.880             | 18.84          | PASS    |  |
|   | MCH     | 17.842             | 18.70          | PASS    |  |
|   | HCH     | 17.906             | 18.89          | PASS    |  |

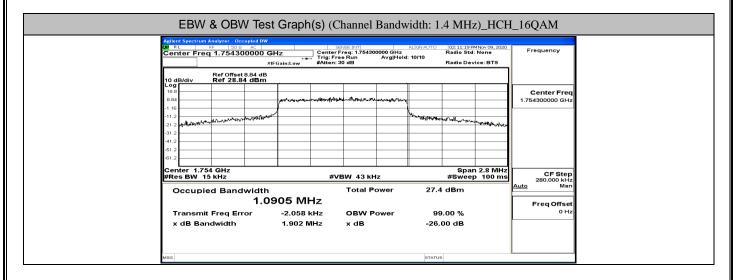


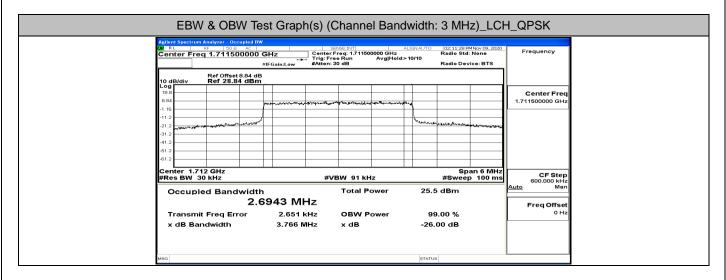


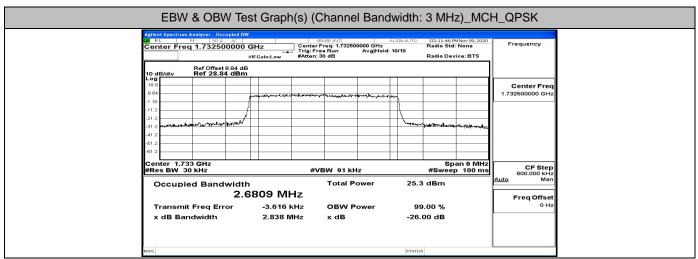


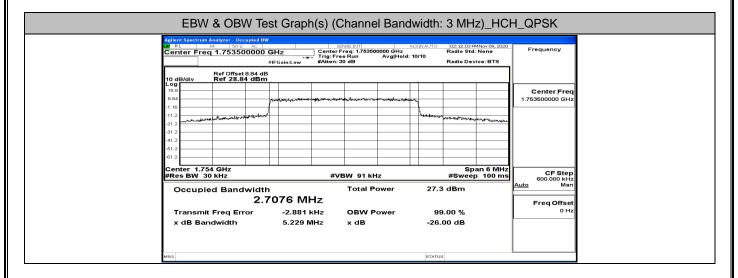


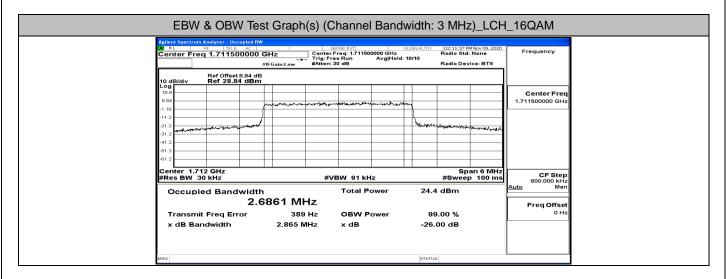


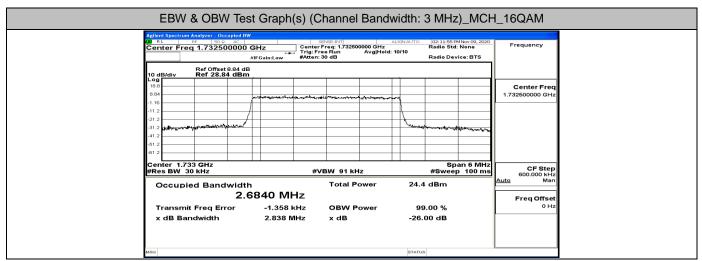


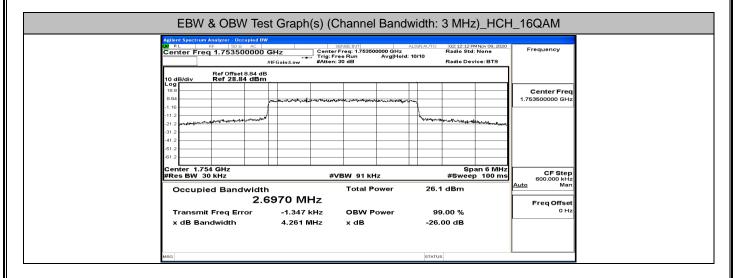


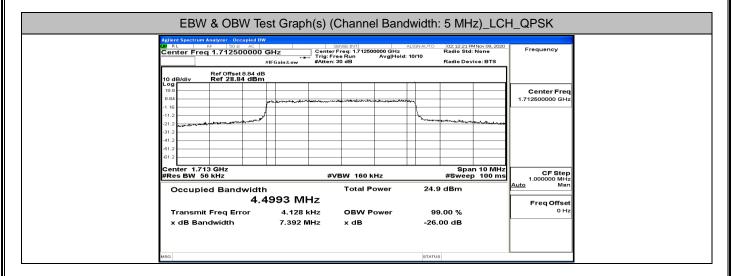


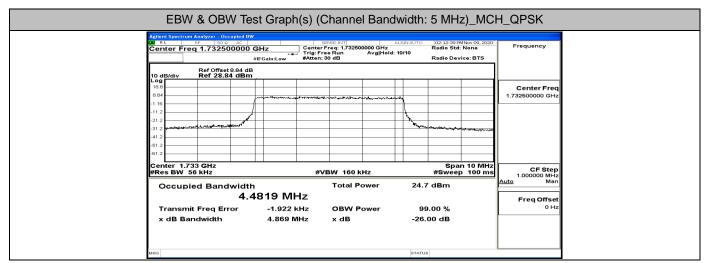


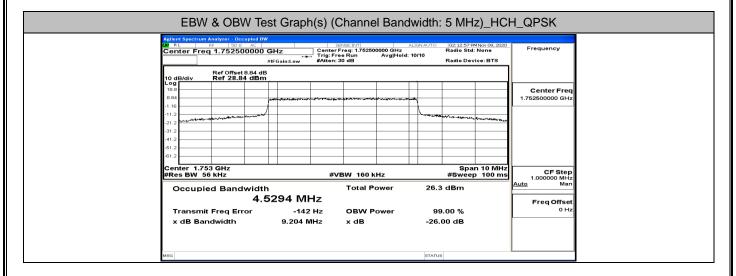


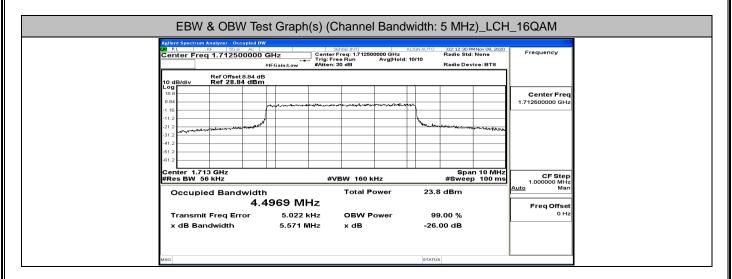


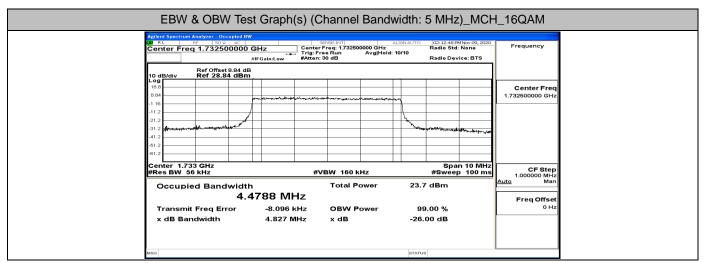


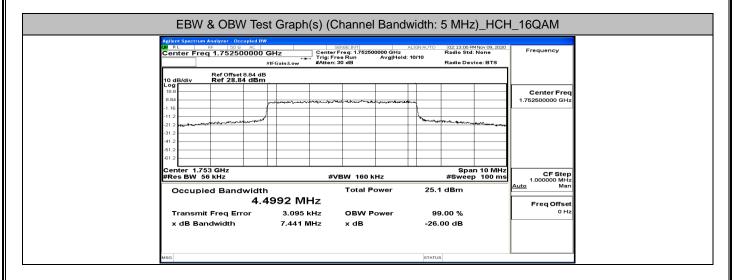


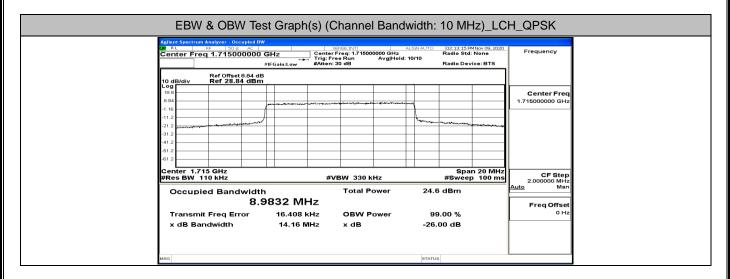


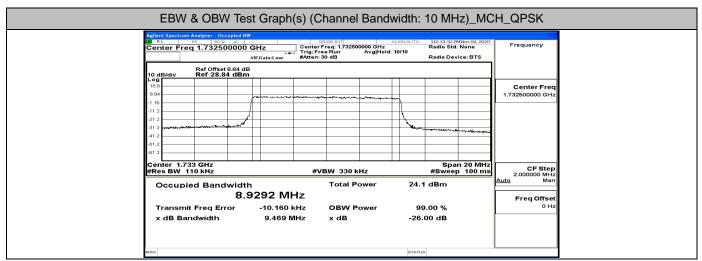


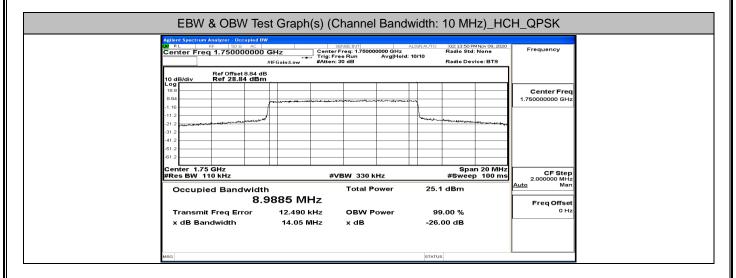


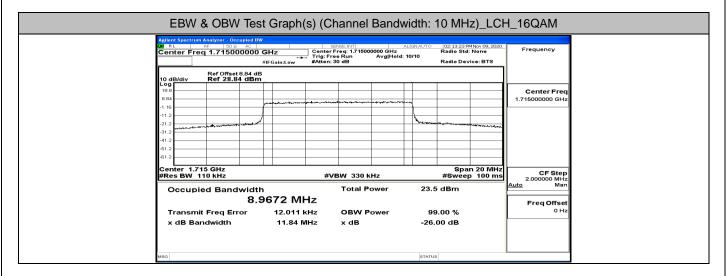


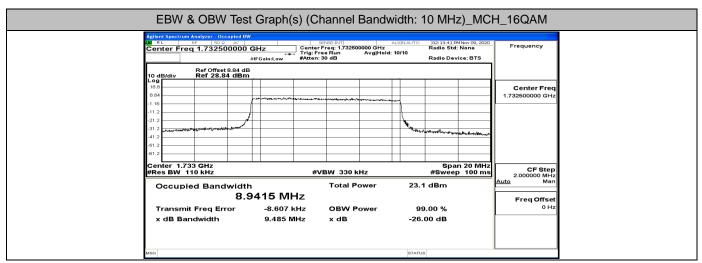


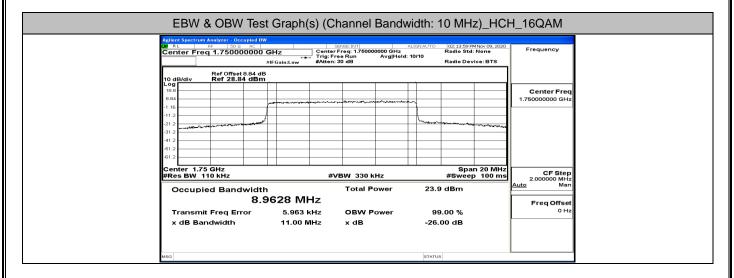


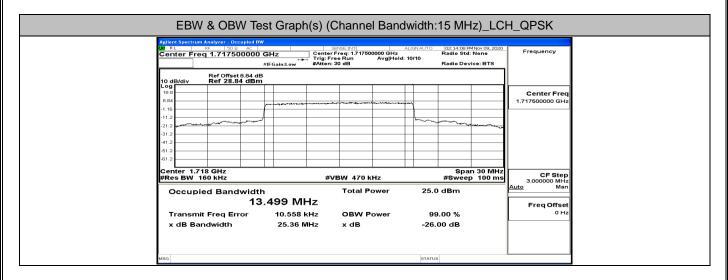


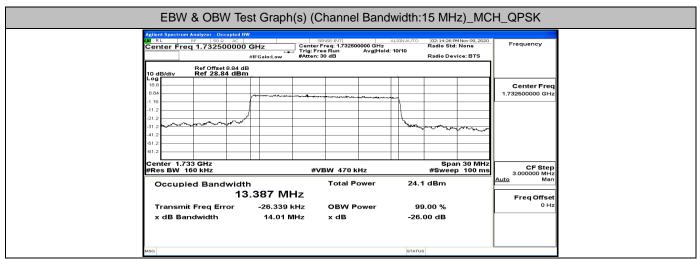


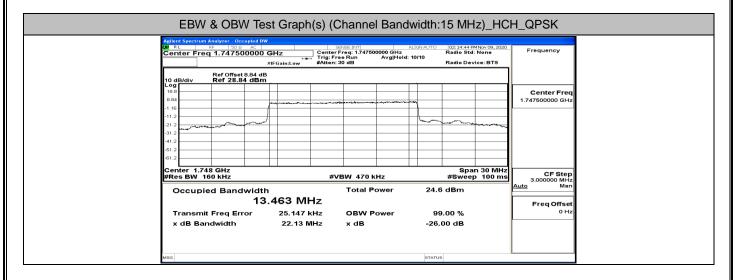


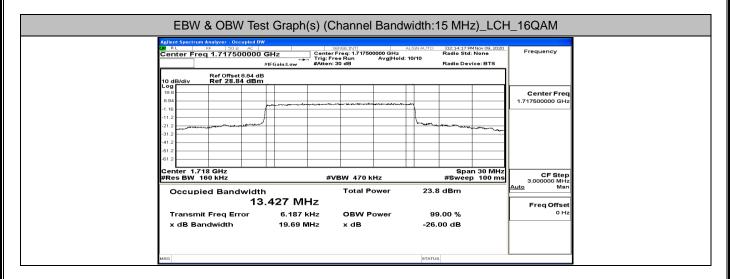


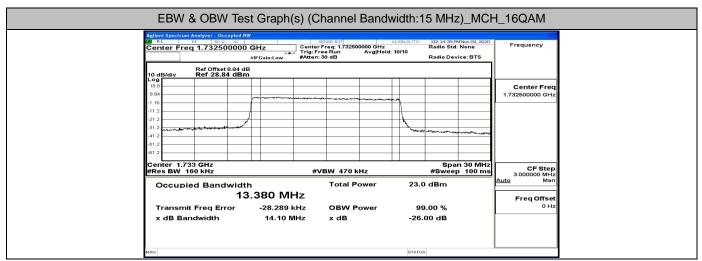


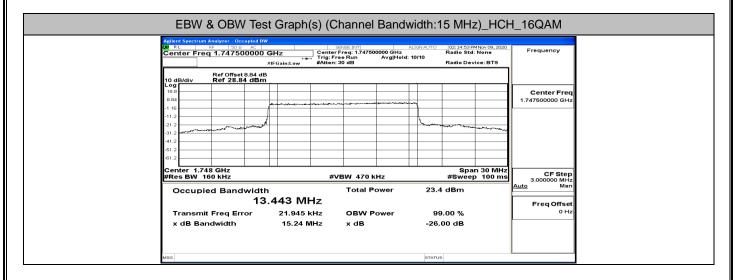


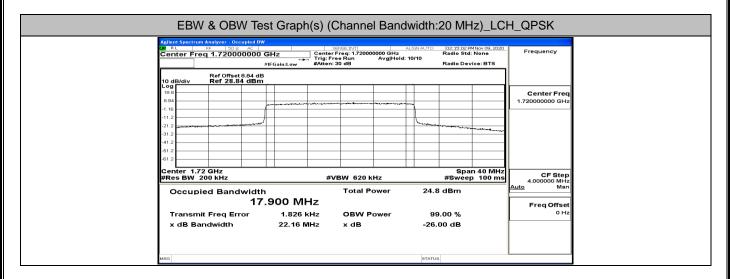


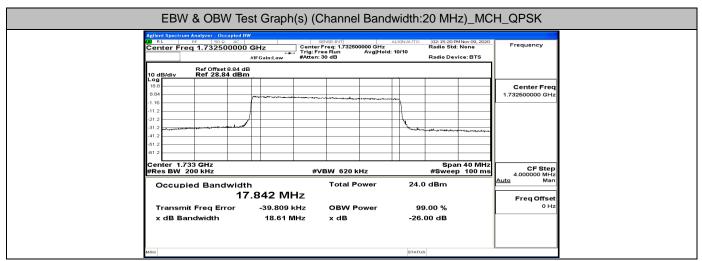


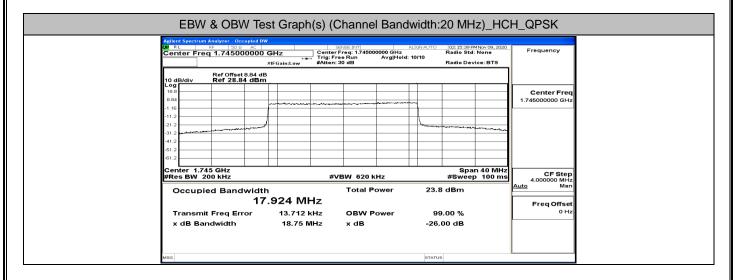


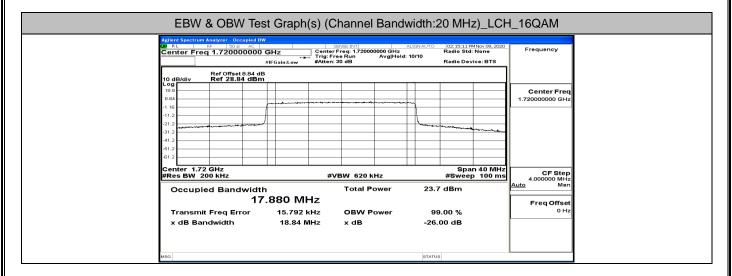


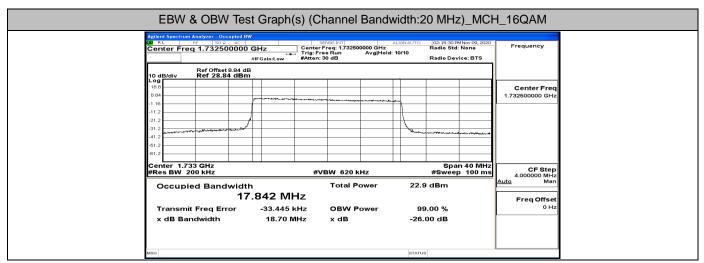


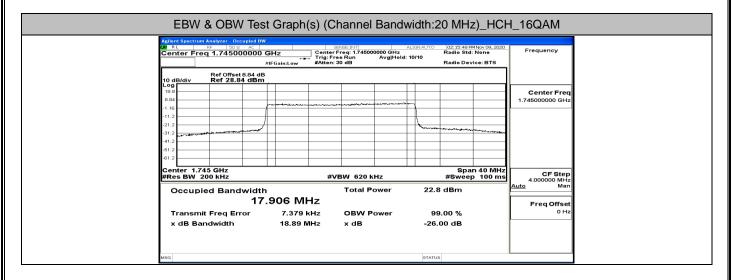




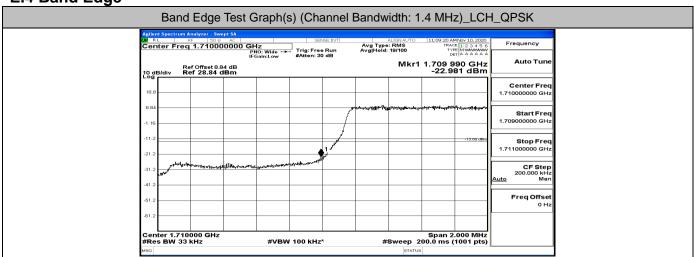


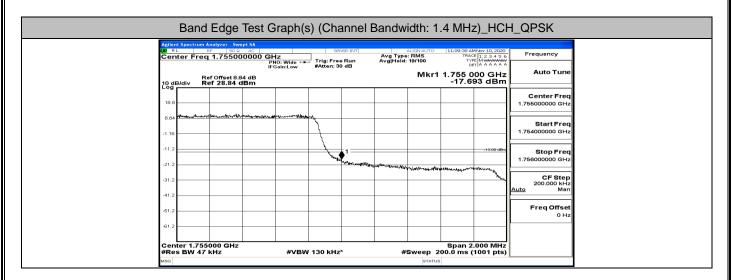


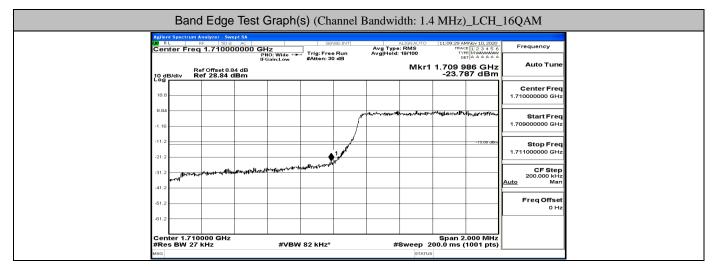


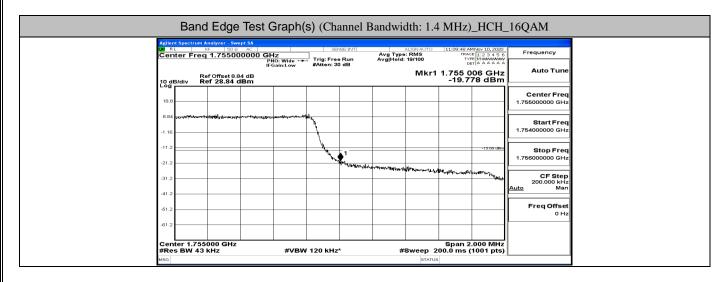


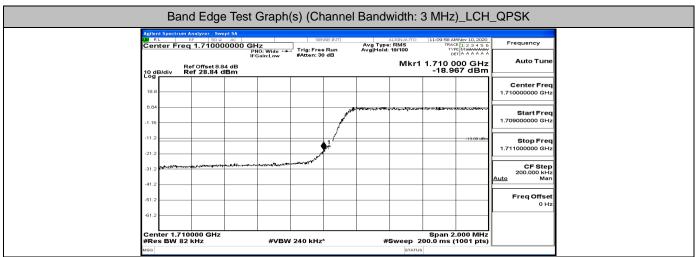
E.4 Band Edge

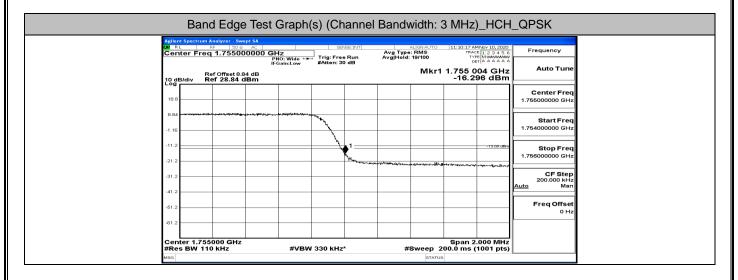


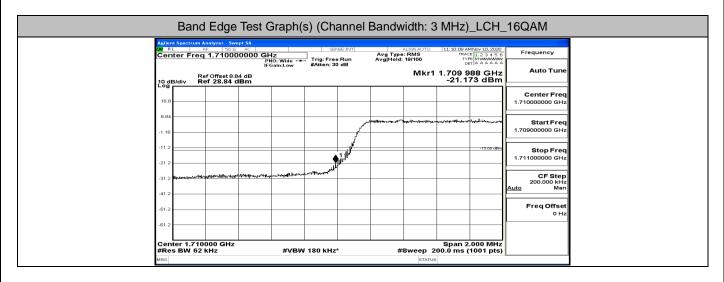


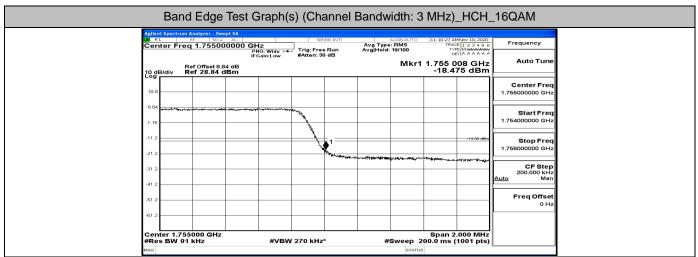


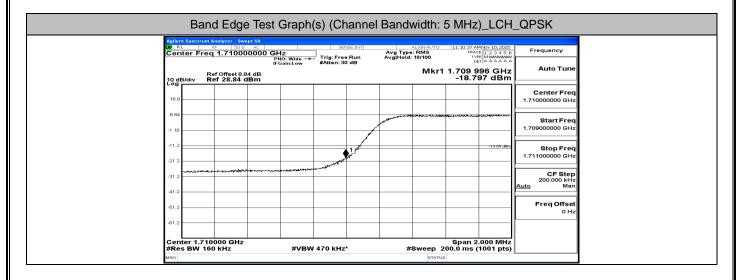


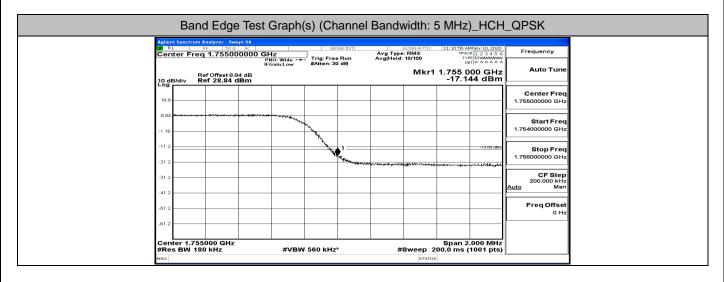


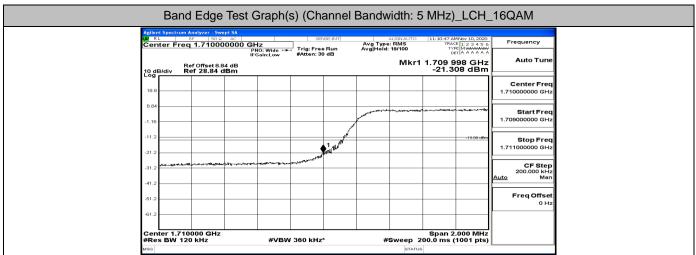


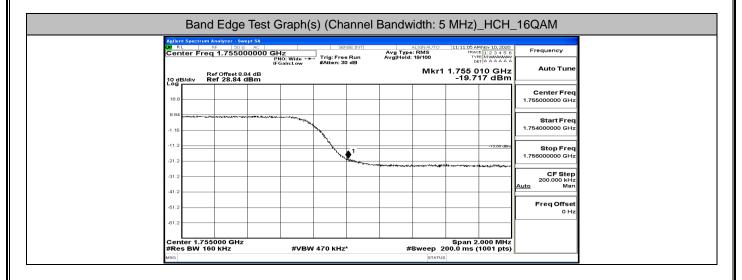


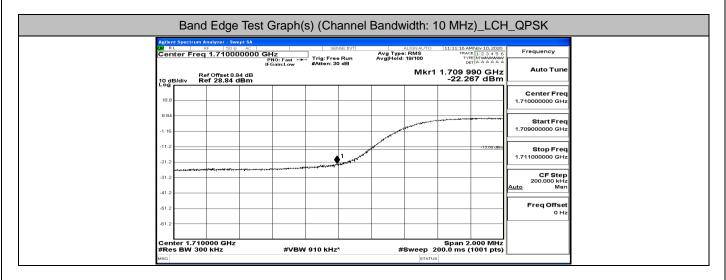


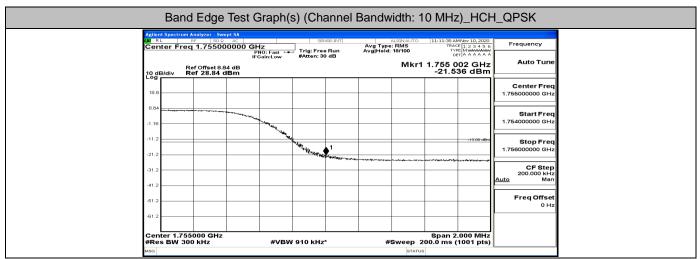


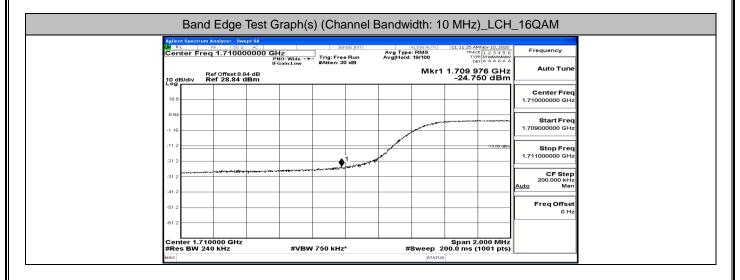


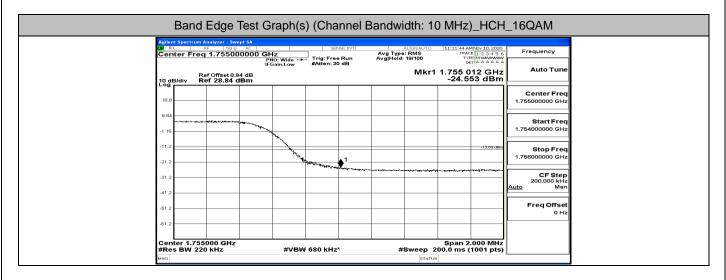


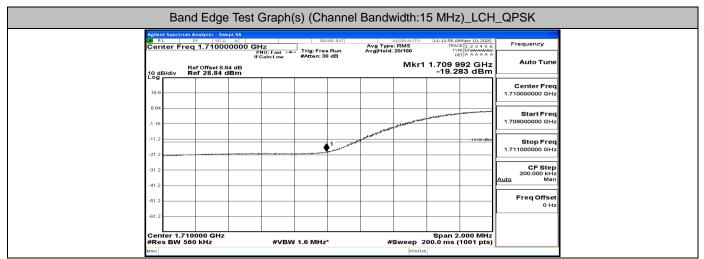


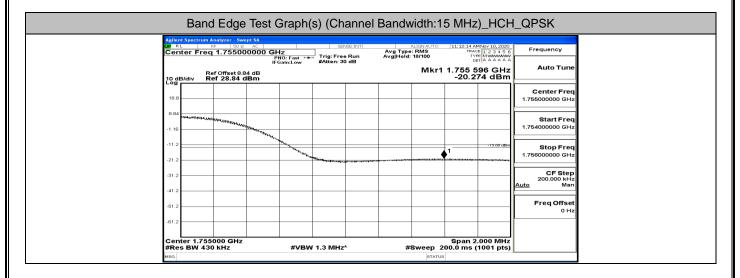


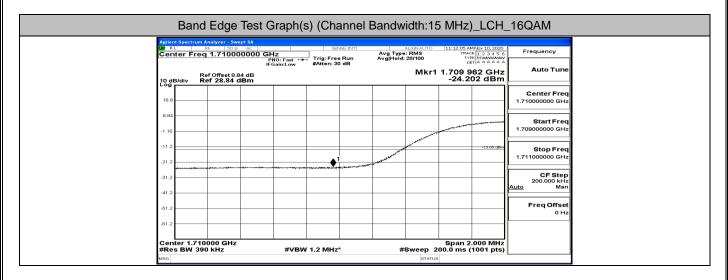


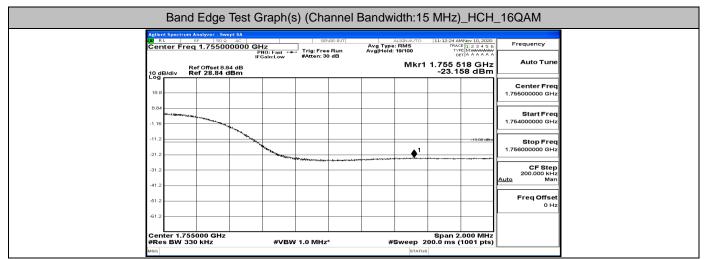


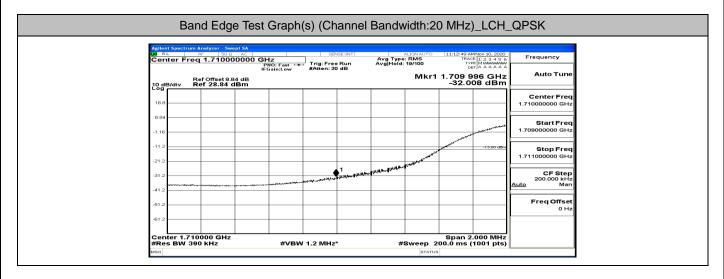


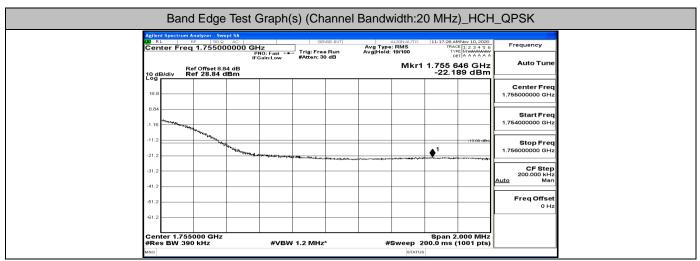


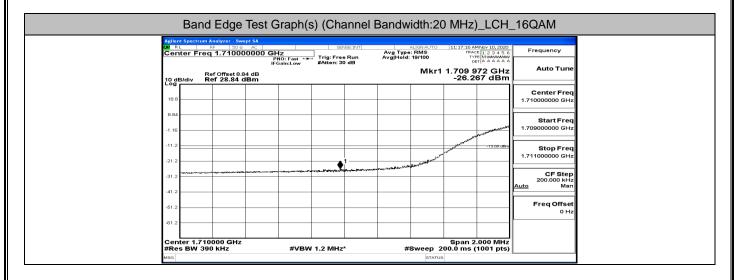


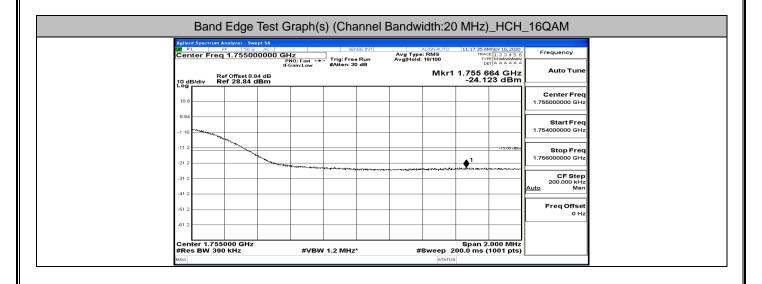




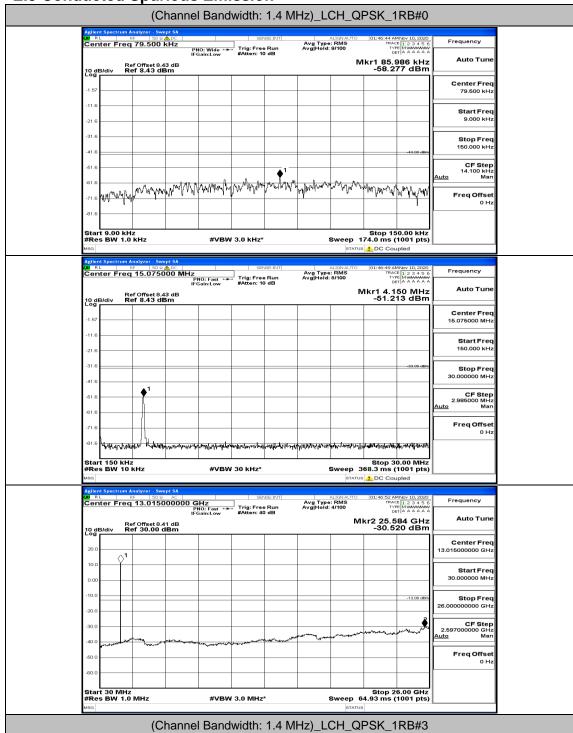


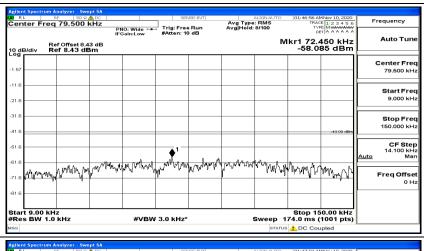


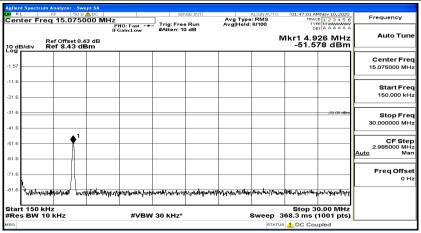




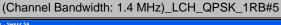
## **E.5 Conducted Spurious Emission**

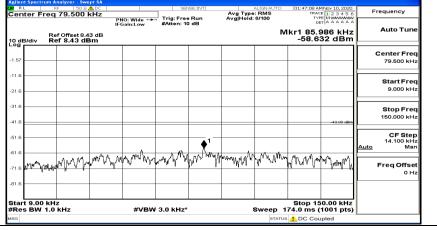


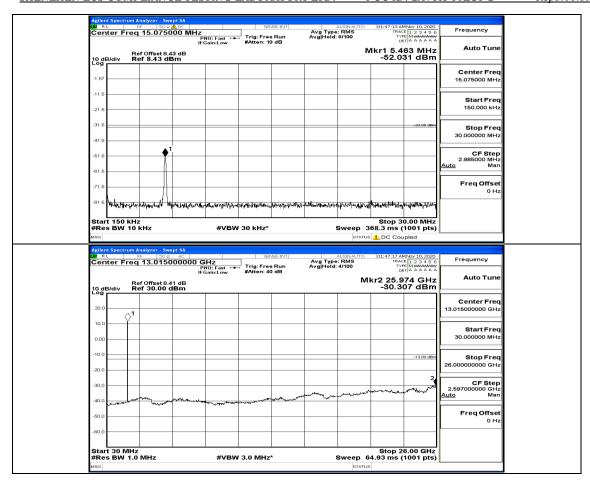


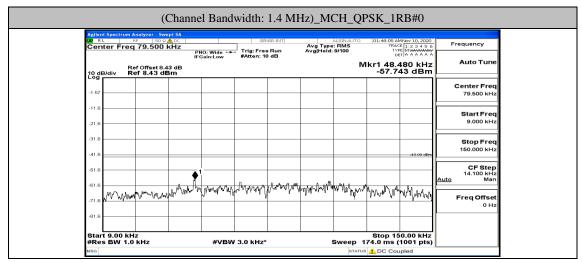












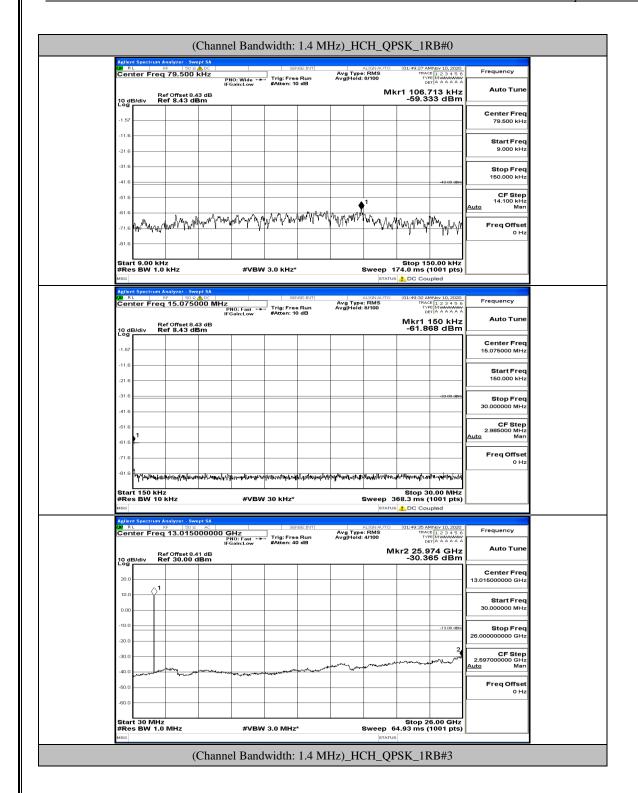
Stop 26.00 GHz Sweep 64.93 ms (1001 pts)

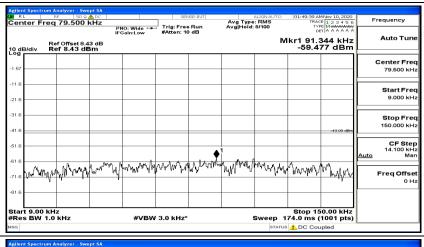
Start 30 MHz #Res BW 1.0 MHz

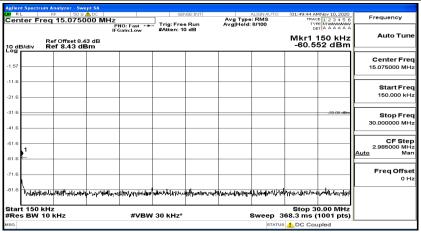
#VBW 3.0 MHz\*

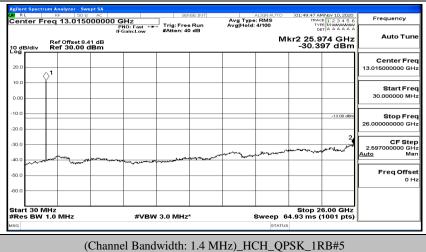
2.597000000 GHz

Freq Offset

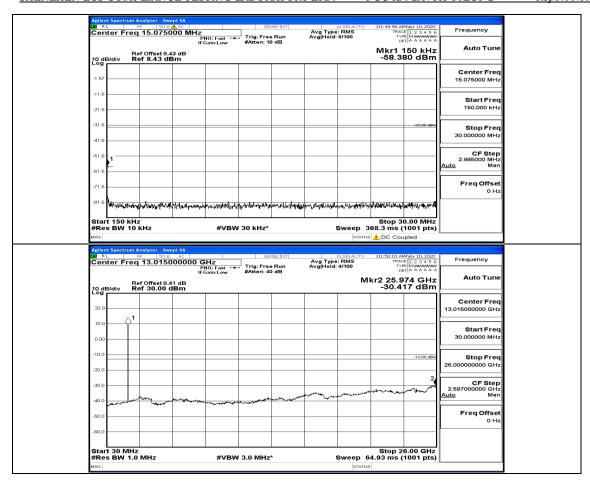


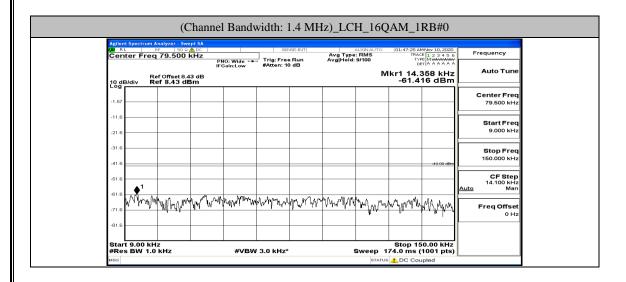












Stop 26.00 GHz Sweep 64.93 ms (1001 pts)

Start 30 MHz #Res BW 1.0 MHz

#VBW 3.0 MHz\*

Freq Offset

