Appendix E: Test Data for E-UTRA Band 4

Product Name: Tablet PC
Trade Mark: Bright Life
Test Model: TL11

Environmental Conditions

| Temperature: | 22.8° C |
|--------------------|------------|
| Relative Humidity: | 53.1% |
| ATM Pressure: | 100.0 kPa |
| Test Engineer: | Diamond Lu |
| Supervised by: | Tom.Liu |

E.1 Conducted Output Power

| | Conducted Output Power Test Result (Channel Bandwidth: 1.4 MHz) | | | | | | | |
|------------|---|--------|------------|---------------------|---------------------|---------|--|--|
| Modulation | Channel | RB Con | figuration | Average Power [dBm] | Average Power [dBm] | Verdict | | |
| Modulation | Chame | Size | Offset | QPSK | 16QAM | verdict | | |
| | | 1 | 0 | 22.14 | 21.32 | PASS | | |
| | | 1 | 3 | 22.24 | 21.36 | PASS | | |
| | | 1 | 5 | 21.96 | 21.18 | PASS | | |
| | LCH | 3 | 0 | 22.16 | 21.24 | PASS | | |
| | | 3 | 2 | 22.16 | 21.18 | PASS | | |
| | | 3 | 3 | 22.09 | 21.16 | PASS | | |
| | | 6 | 0 | 21.11 | 20.14 | PASS | | |
| | | 1 | 0 | 21.66 | 18.93 | PASS | | |
| | MCH | 1 | 3 | 21.91 | 19.29 | PASS | | |
| QPSK / | | 1 | 5 | 21.90 | 19.14 | PASS | | |
| 16QAM | | 3 | 0 | 21.82 | 18.74 | PASS | | |
| IOQAIVI | | 3 | 2 | 21.86 | 18.87 | PASS | | |
| | | 3 | 3 | 21.93 | 18.90 | PASS | | |
| | | 6 | 0 | 21.80 | 17.82 | PASS | | |
| | | 1 | 0 | 20.25 | 19.51 | PASS | | |
| | | 1 | 3 | 20.30 | 19.53 | PASS | | |
| | | 1 | 5 | 20.06 | 19.33 | PASS | | |
| | HCH | 3 | 0 | 20.30 | 19.37 | PASS | | |
| | | 3 | 2 | 20.31 | 19.32 | PASS | | |
| | | 3 | 3 | 20.22 | 19.28 | PASS | | |
| | | 6 | 0 | 21.23 | 18.40 | PASS | | |

| | Conducted Output Power Test Result (Channel Bandwidth: 3 MHz) | | | | | | | |
|------------|---|--------|------------|---------------------|---------------------|---------|--|--|
| Modulation | Channal | RB Con | figuration | Average Power [dBm] | Average Power [dBm] | Vardiet | | |
| Modulation | Channel | Size | Offset | QPSK | 16QAM | Verdict | | |
| | | 1 | 0 | 22.09 | 21.37 | PASS | | |
| | | 1 | 7 | 22.12 | 21.34 | PASS | | |
| | | 1 | 14 | 21.68 | 20.89 | PASS | | |
| | LCH | 8 | 0 | 21.04 | 20.15 | PASS | | |
| | | 8 | 4 | 20.95 | 20.07 | PASS | | |
| | | 8 | 7 | 20.78 | 19.89 | PASS | | |
| | | 15 | 0 | 20.88 | 19.90 | PASS | | |
| | | 1 | 0 | 21.51 | 18.76 | PASS | | |
| | MCH | 1 | 7 | 21.89 | 19.23 | PASS | | |
| QPSK / | | 1 | 14 | 20.10 | 19.29 | PASS | | |
| 16QAM | | 8 | 0 | 21.66 | 17.78 | PASS | | |
| IOQAIVI | | 8 | 4 | 21.85 | 18.00 | PASS | | |
| | | 8 | 7 | 21.99 | 18.05 | PASS | | |
| | | 15 | 0 | 21.78 | 17.83 | PASS | | |
| | | 1 | 0 | 20.74 | 20.06 | PASS | | |
| | | 1 | 7 | 20.73 | 20.07 | PASS | | |
| | | 1 | 14 | 20.18 | 19.58 | PASS | | |
| | HCH | 8 | 0 | 21.61 | 18.67 | PASS | | |
| | | 8 | 4 | 21.49 | 18.51 | PASS | | |
| | | 8 | 7 | 21.27 | 18.33 | PASS | | |
| | | 15 | 0 | 21.39 | 18.47 | PASS | | |

| Conducted Output Power Test Result (Channel Bandwidth: 5 MHz) | | | | | | | |
|---|---------|------------------|--------|---------------------|---------------------|-------------|--|
| Madulation | Channal | RB Configuration | | Average Power [dBm] | Average Power [dBm] | \/a ==li =4 | |
| Modulation | Channel | Size | Offset | QPSK | 16QAM | Verdict | |
| | | 1 | 0 | 22.04 | 21.39 | PASS | |
| | | 1 | 12 | 21.97 | 21.33 | PASS | |
| | | 1 | 24 | 21.06 | 20.41 | PASS | |
| | LCH | 12 | 0 | 20.92 | 20.18 | PASS | |
| | | 12 | 6 | 20.79 | 19.99 | PASS | |
| | | 12 | 13 | 20.36 | 19.60 | PASS | |
| | | 25 | 0 | 20.70 | 19.80 | PASS | |
| | мсн | 1 | 0 | 21.29 | 18.67 | PASS | |
| | | 1 | 12 | 20.09 | 19.29 | PASS | |
| QPSK / | | 1 | 24 | 20.25 | 19.58 | PASS | |
| 16QAM | | 12 | 0 | 21.46 | 17.73 | PASS | |
| TOQAIVI | | 12 | 6 | 21.81 | 18.07 | PASS | |
| | | 12 | 13 | 21.16 | 18.36 | PASS | |
| | | 25 | 0 | 21.88 | 17.95 | PASS | |
| | | 1 | 0 | 21.23 | 20.14 | PASS | |
| | | 1 | 12 | 20.87 | 19.95 | PASS | |
| | | 1 | 24 | 20.11 | 19.13 | PASS | |
| | HCH | 12 | 0 | 21.96 | 19.08 | PASS | |
| | | 12 | 6 | 21.72 | 18.86 | PASS | |
| | | 12 | 13 | 21.33 | 18.43 | PASS | |
| | | 25 | 0 | 21.69 | 18.82 | PASS | |

| | Conducted Output Power Test Result (Channel Bandwidth: 10 MHz) | | | | | | | |
|------------|--|--------|------------|---------------------|---------------------|-------------|--|--|
| Madulation | Channal | RB Con | figuration | Average Power [dBm] | Average Power [dBm] | \/a nali at | | |
| Modulation | Channel | Size | Offset | QPSK | 16QAM | Verdict | | |
| | | 1 | 0 | 22.11 | 21.29 | PASS | | |
| | | 1 | 24 | 21.26 | 20.55 | PASS | | |
| | | 1 | 49 | 21.93 | 19.17 | PASS | | |
| | LCH | 25 | 0 | 20.80 | 19.85 | PASS | | |
| | | 25 | 12 | 20.18 | 19.25 | PASS | | |
| | | 25 | 25 | 21.46 | 18.54 | PASS | | |
| | | 50 | 0 | 20.23 | 19.30 | PASS | | |
| | MCH | 1 | 0 | 21.19 | 18.41 | PASS | | |
| | | 1 | 24 | 21.96 | 19.18 | PASS | | |
| QPSK / | | 1 | 49 | 21.02 | 20.21 | PASS | | |
| 16QAM | | 25 | 0 | 21.40 | 17.44 | PASS | | |
| TOQAM | | 25 | 12 | 21.92 | 17.96 | PASS | | |
| | | 25 | 25 | 21.64 | 18.70 | PASS | | |
| | | 50 | 0 | 21.11 | 18.16 | PASS | | |
| | | 1 | 0 | 22.23 | 21.54 | PASS | | |
| | | 1 | 24 | 21.45 | 20.75 | PASS | | |
| | | 1 | 49 | 20.11 | 19.53 | PASS | | |
| | HCH | 25 | 0 | 20.87 | 19.95 | PASS | | |
| | | 25 | 12 | 20.35 | 19.43 | PASS | | |
| | | 25 | 25 | 21.70 | 18.81 | PASS | | |
| | | 50 | 0 | 20.30 | 19.41 | PASS | | |

| | Conducted Output Power Test Result (Channel Bandwidth: 15 MHz) | | | | | | | |
|------------|--|---------|------------|---------------------|---------------------|---------|--|--|
| Modulation | Channel | RB Conf | figuration | Average Power [dBm] | Average Power [dBm] | Verdict | | |
| Modulation | Channel | Size | Offset | QPSK | 16QAM | verdict | | |
| | | 1 | 0 | 21.96 | 21.18 | PASS | | |
| | | 1 | 37 | 20.70 | 19.86 | PASS | | |
| | | 1 | 74 | 21.10 | 18.40 | PASS | | |
| | LCH | 37 | 0 | 20.52 | 19.58 | PASS | | |
| | | 37 | 18 | 21.61 | 18.69 | PASS | | |
| | | 37 | 38 | 21.69 | 17.75 | PASS | | |
| | | 75 | 0 | 21.80 | 18.83 | PASS | | |
| | | 1 | 0 | 21.00 | 18.26 | PASS | | |
| | MCH | 1 | 37 | 20.08 | 19.27 | PASS | | |
| QPSK / | | 1 | 74 | 21.60 | 20.80 | PASS | | |
| 16QAM | | 37 | 0 | 21.28 | 17.33 | PASS | | |
| TOQAIVI | | 37 | 18 | 21.97 | 18.01 | PASS | | |
| | | 37 | 38 | 21.94 | 18.96 | PASS | | |
| | | 75 | 0 | 21.32 | 18.39 | PASS | | |
| | | 1 | 0 | 21.96 | 21.19 | PASS | | |
| | | 1 | 37 | 22.13 | 21.28 | PASS | | |
| | | 1 | 74 | 20.12 | 19.42 | PASS | | |
| | HCH | 37 | 0 | 21.39 | 20.37 | PASS | | |
| | | 37 | 18 | 21.01 | 20.07 | PASS | | |
| | | 37 | 38 | 20.17 | 19.17 | PASS | | |
| | | 75 | 0 | 20.81 | 19.76 | PASS | | |

| | Conducted Output Power Test Result (Channel Bandwidth: 20 MHz) | | | | | | | |
|------------|--|---------|------------|---------------------|---------------------|---------|--|--|
| Modulation | Channel | RB Conf | figuration | Average Power [dBm] | Average Power [dBm] | Verdict | | |
| Wodulation | Channel | Size | Offset | QPSK | 16QAM | verdict | | |
| | | 1 | 0 | 21.99 | 21.10 | PASS | | |
| | | 1 | 49 | 20.13 | 19.28 | PASS | | |
| | | 1 | 99 | 21.17 | 18.32 | PASS | | |
| | LCH | 50 | 0 | 21.22 | 19.26 | PASS | | |
| | | 50 | 25 | 21.02 | 18.07 | PASS | | |
| | | 50 | 50 | 21.36 | 17.39 | PASS | | |
| | | 100 | 0 | 21.44 | 18.56 | PASS | | |
| | MCH | 1 | 0 | 21.22 | 18.39 | PASS | | |
| | | 1 | 49 | 20.08 | 19.25 | PASS | | |
| QPSK / | | 1 | 99 | 22.12 | 21.26 | PASS | | |
| 16QAM | | 50 | 0 | 21.13 | 17.21 | PASS | | |
| TOQAM | | 50 | 25 | 21.14 | 18.12 | PASS | | |
| | | 50 | 50 | 20.24 | 19.27 | PASS | | |
| | | 100 | 0 | 21.48 | 18.48 | PASS | | |
| | | 1 | 0 | 20.67 | 19.98 | PASS | | |
| | | 1 | 49 | 22.60 | 21.84 | PASS | | |
| | | 1 | 99 | 20.17 | 19.51 | PASS | | |
| | HCH | 50 | 0 | 20.89 | 20.00 | PASS | | |
| | | 50 | 25 | 21.14 | 20.29 | PASS | | |
| | | 50 | 50 | 20.39 | 19.52 | PASS | | |
| | | 100 | 0 | 20.65 | 19.67 | 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 | | | |
| Wiodulation | Charmer | [dB] | [dB] | verdict | | | |
| | LCH | 5.06 | <13 | PASS | | | |
| QPSK | MCH | 5.28 | <13 | PASS | | | |
| | HCH | 5.32 | <13 | PASS | | | |
| | LCH | 5.95 | <13 | PASS | | | |
| 16QAM | MCH | 6.15 | <13 | PASS | | | |
| | HCH | 6.27 | <13 | PASS | | | |

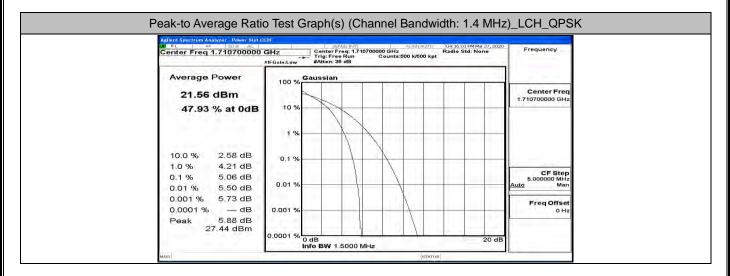
| Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz) | | | | | | |
|--|---------|-----------------------|-------|---------|--|--|
| Modulation | Channel | Peak-to-Average Ratio | Limit | Verdict | | |
| Modulation | Channel | [dB] | [dB] | verdict | | |
| | LCH | 5.18 | <13 | PASS | | |
| QPSK | MCH | 5.35 | <13 | PASS | | |
| | HCH | 5.44 | <13 | PASS | | |
| | LCH | 6.1 | <13 | PASS | | |
| 16QAM | MCH | 6.22 | <13 | PASS | | |
| | HCH | 6.17 | <13 | PASS | | |

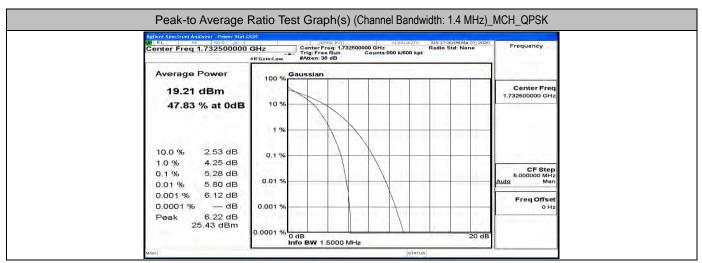
| Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz) | | | | | | |
|--|----------|-----------------------|-------|---------|--|--|
| Modulation | Channel | Peak-to-Average Ratio | Limit | Vordict | | |
| iviodulation | Griannei | [dB] | [dB] | Verdict | | |
| | LCH | 5.28 | <13 | PASS | | |
| QPSK | MCH | 5.42 | <13 | PASS | | |
| | HCH | 5.31 | <13 | PASS | | |
| | LCH | 6.05 | <13 | PASS | | |
| 16QAM | MCH | 6.26 | <13 | PASS | | |
| | HCH | 6.08 | <13 | PASS | | |

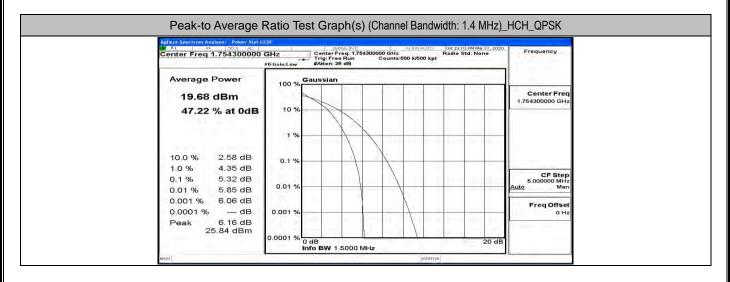
| | Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz) | | | | | | |
|------------|---|-----------------------|-------|---------|--|--|--|
| Modulation | Channel | Peak-to-Average Ratio | Limit | Verdict | | | |
| Modulation | Chamer | [dB] | [dB] | verdict | | | |
| | LCH | 5.44 | <13 | PASS | | | |
| QPSK | MCH | 5.47 | <13 | PASS | | | |
| | HCH | 5.31 | <13 | PASS | | | |
| | LCH | 6.2 | <13 | PASS | | | |
| 16QAM | MCH | 6.18 | <13 | PASS | | | |
| | HCH | 6.03 | <13 | PASS | | | |

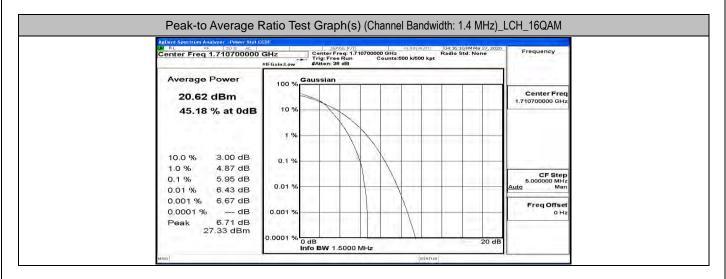
| Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz) | | | | | | | |
|---|---------|-----------------------|-------|---------|--|--|--|
| Modulation | Channel | Peak-to-Average Ratio | Limit | Verdict | | | |
| Modulation | Grianne | [dB] | [dB] | verdict | | | |
| | LCH | 5.06 | <13 | PASS | | | |
| QPSK | MCH | 5.22 | <13 | PASS | | | |
| | HCH | 4.88 | <13 | PASS | | | |
| | LCH | 6.25 | <13 | PASS | | | |
| 16QAM | MCH | 6.35 | <13 | PASS | | | |
| | HCH | 6.13 | <13 | PASS | | | |

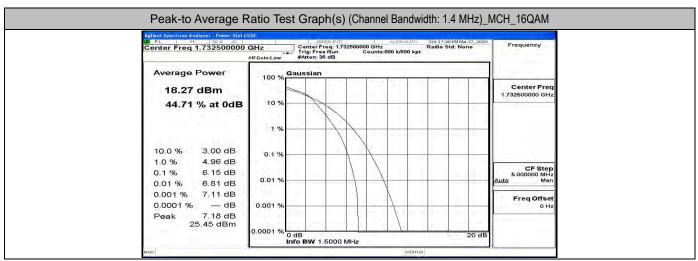
| Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz) | | | | |
|---|---------|-----------------------|-------|---------|
| M. I.I.C | Channel | Peak-to-Average Ratio | Limit | Verdict |
| Modulation | | [dB] | [dB] | |
| | LCH | 5.81 | <13 | PASS |
| QPSK | MCH | 5.88 | <13 | PASS |
| | HCH | 5.72 | <13 | PASS |
| 16QAM | LCH | 6.73 | <13 | PASS |
| | MCH | 6.84 | <13 | PASS |
| | HCH | 6.67 | <13 | PASS |

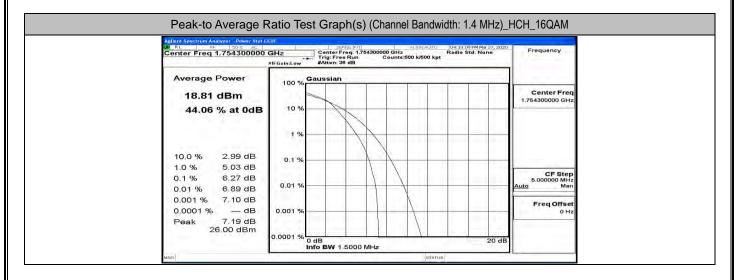


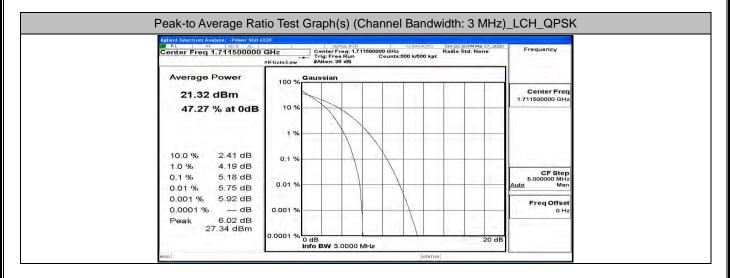


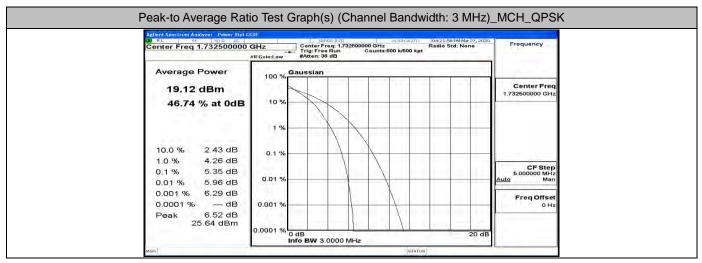


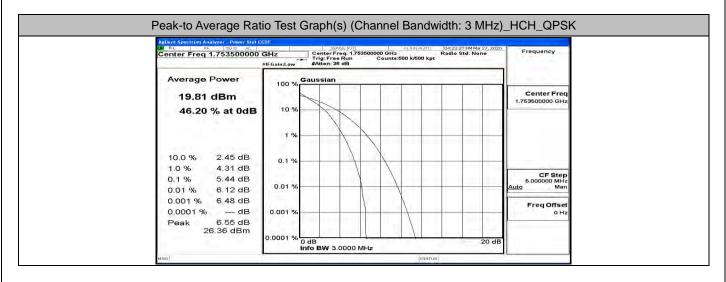


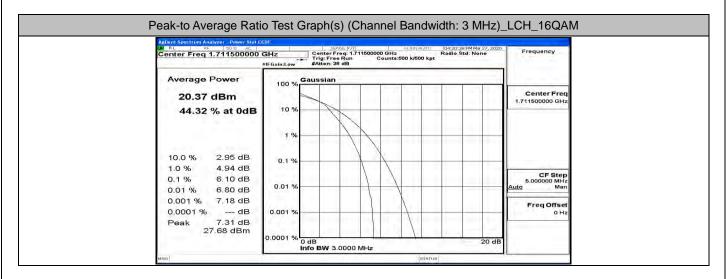


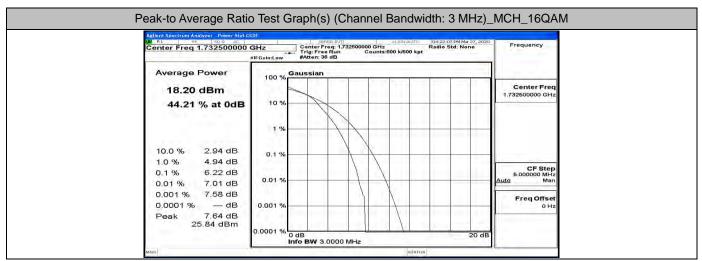


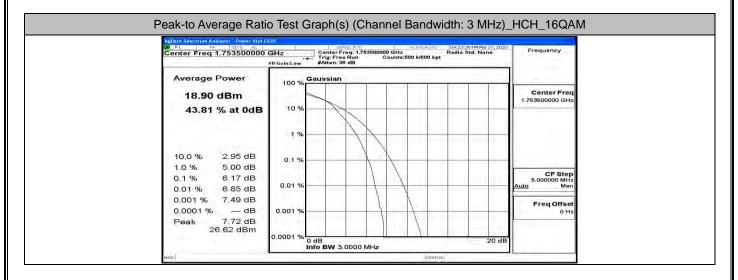


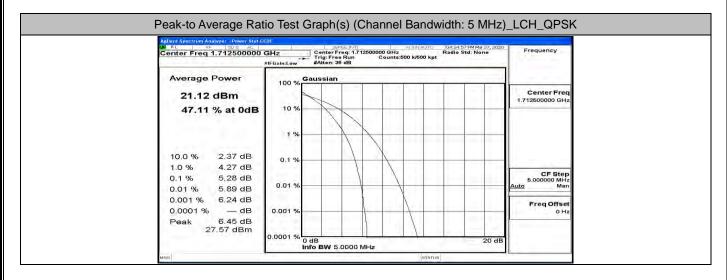


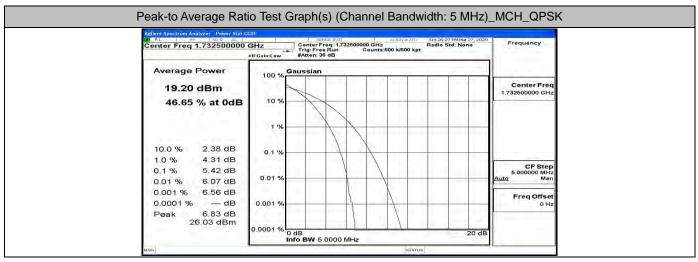


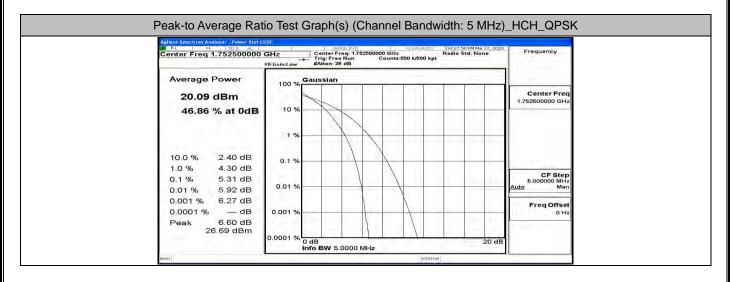


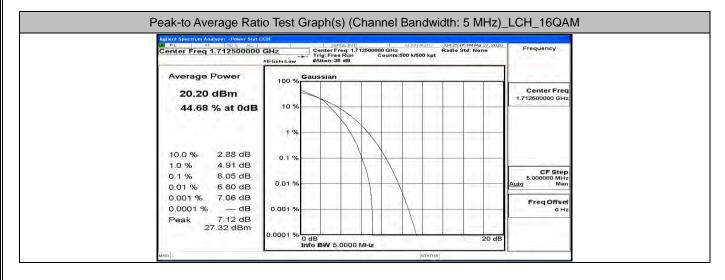


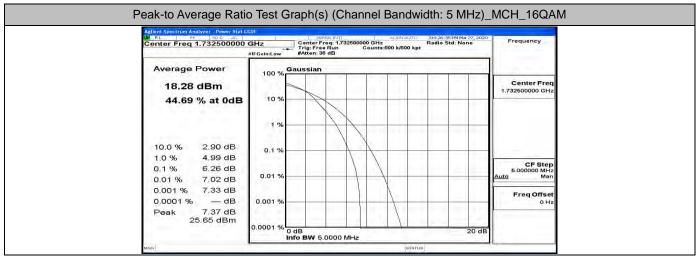


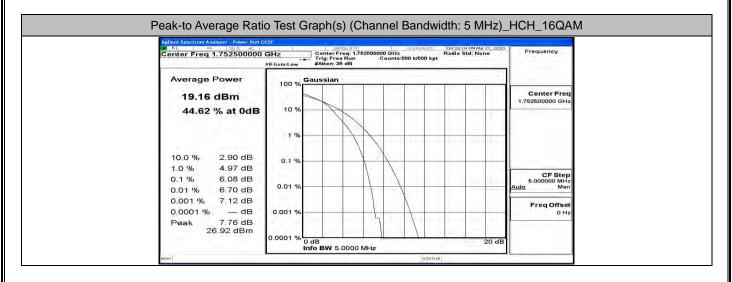


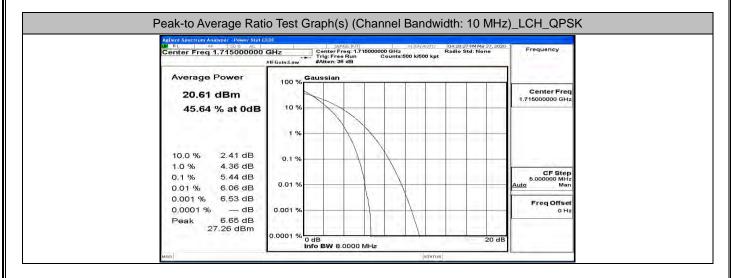


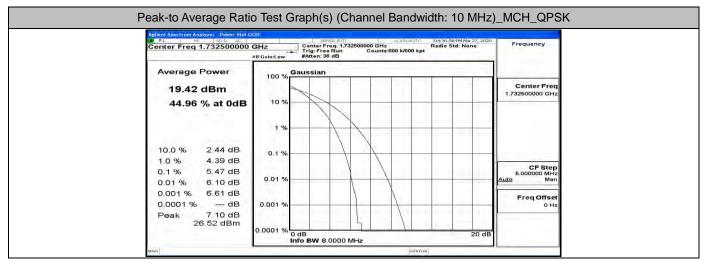


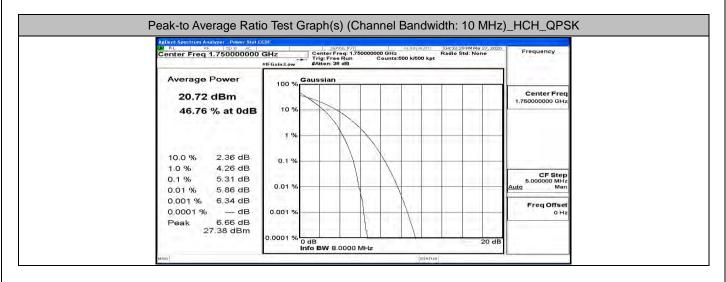


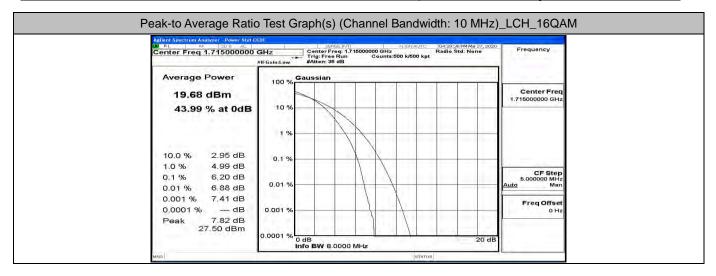


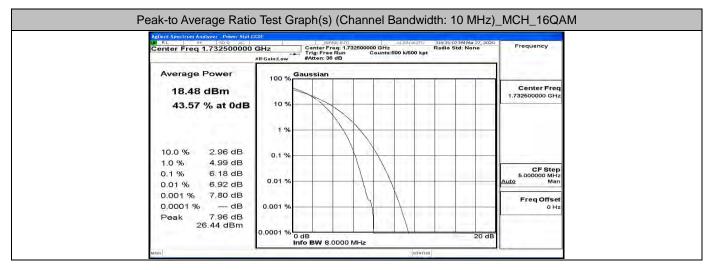


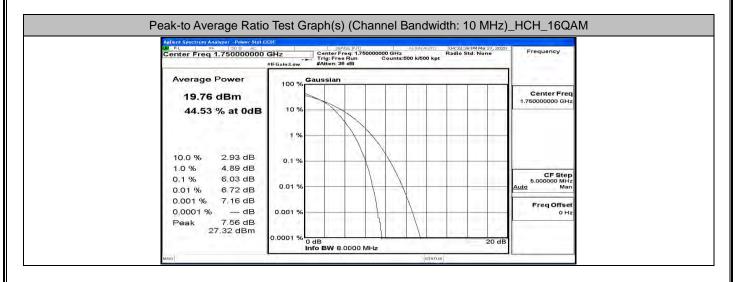






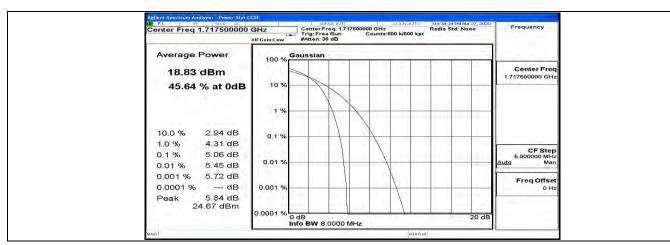


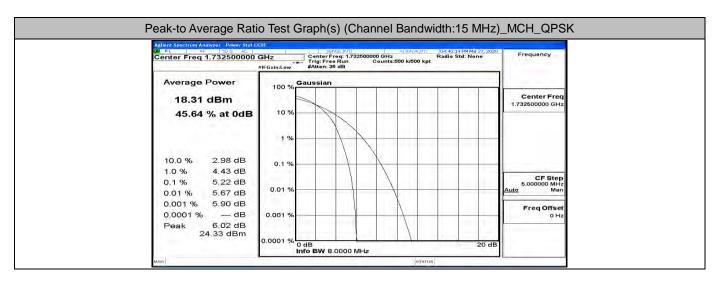


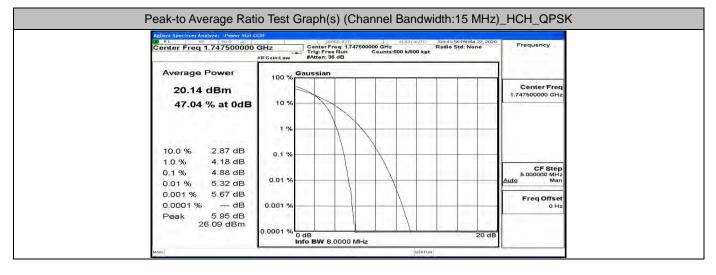


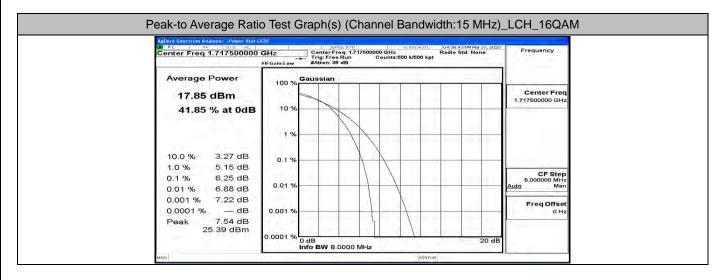
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK

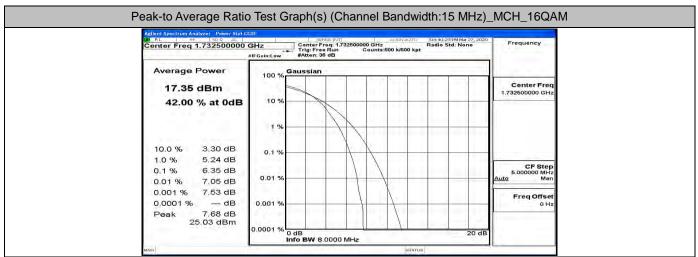
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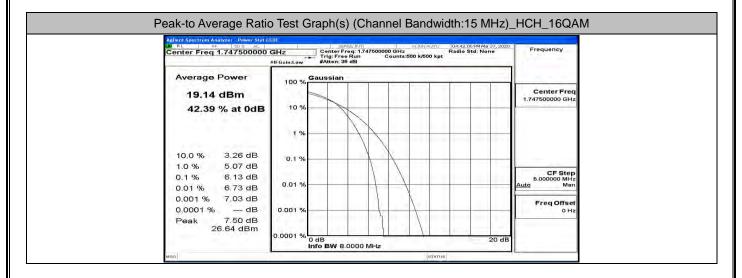


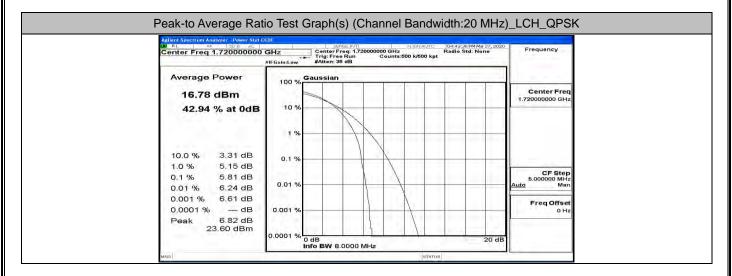


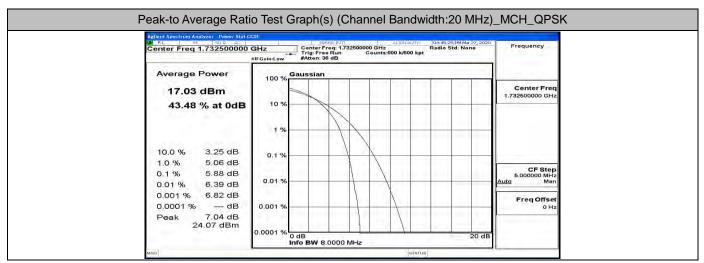


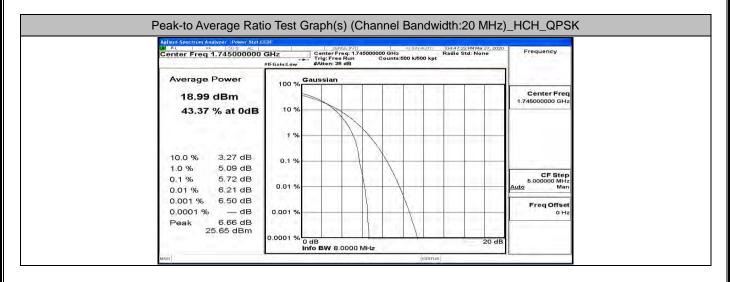


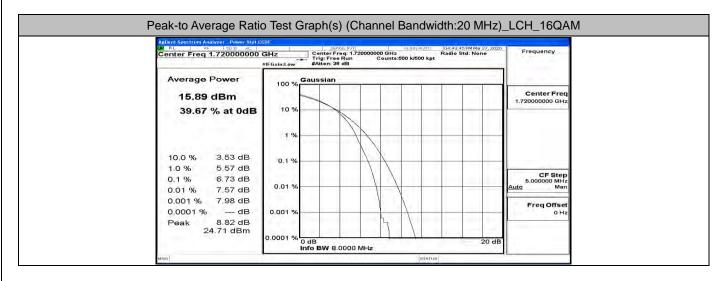


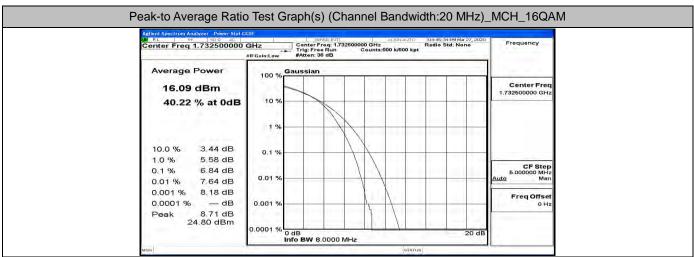


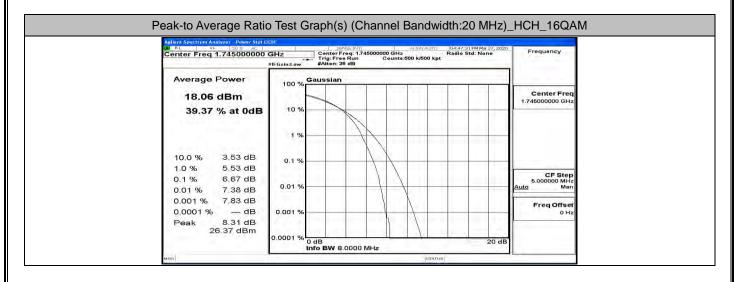












E.3 26dB Bandwidth and Occupied Bandwidth

| EBW & OBW Test Result (Channel Bandwidth: 1.4 MHz) | | | | |
|--|---------|--------------------|----------------|---------|
| Modulation | Channel | Occupied Bandwidth | 26dB Bandwidth | Verdict |
| iviodulation | | (MHz) | (MHz) | |
| QPSK | LCH | 1.0773 | 1.220 | PASS |
| | MCH | 1.0732 | 1.222 | PASS |
| | HCH | 1.0770 | 1.230 | PASS |
| 16QAM | LCH | 1.0766 | 1.232 | PASS |
| | MCH | 1.0775 | 1.213 | PASS |
| | HCH | 1.0756 | 1.239 | PASS |

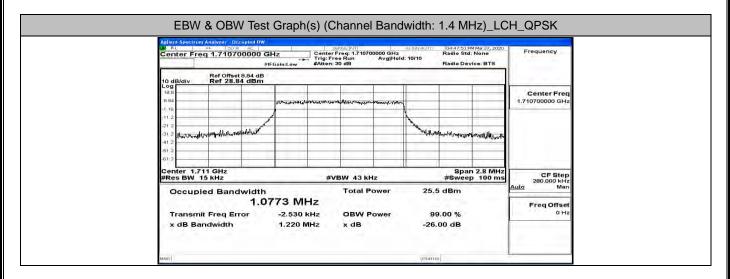
| EBW & OBW Test Result (Channel Bandwidth: 3 MHz) | | | | |
|--|---------|--------------------------|-------------------------|---------|
| Modulation | Channel | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| | LCH | 2.6767 | 2.822 | PASS |
| QPSK | MCH | 2.6802 | 2.828 | PASS |
| | HCH | 2.6785 | 2.827 | PASS |
| 16QAM | LCH | 2.6765 | 2.831 | PASS |
| | MCH | 2.6784 | 2.833 | PASS |
| | HCH | 2.6841 | 2.837 | PASS |

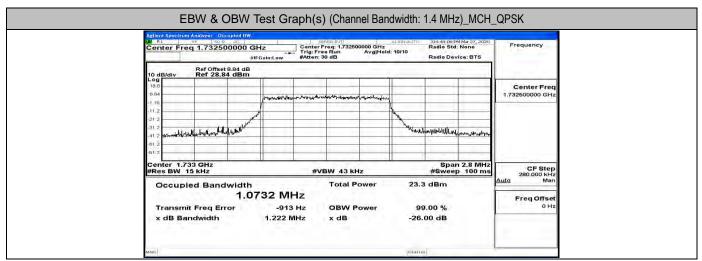
| EBW & OBW Test Result (Channel Bandwidth: 5 MHz) | | | | |
|--|---------|--------------------|----------------|---------|
| Modulation | Channel | Occupied Bandwidth | 26dB Bandwidth | Verdict |
| Modulation | | (MHz) | (MHz) | |
| QPSK | LCH | 4.4772 | 4.804 | PASS |
| | MCH | 4.4839 | 4.857 | PASS |
| | HCH | 4.4757 | 4.850 | PASS |
| 16QAM | LCH | 4.4751 | 4.856 | PASS |
| | MCH | 4.4747 | 4.814 | PASS |
| | HCH | 4.4757 | 4.825 | PASS |

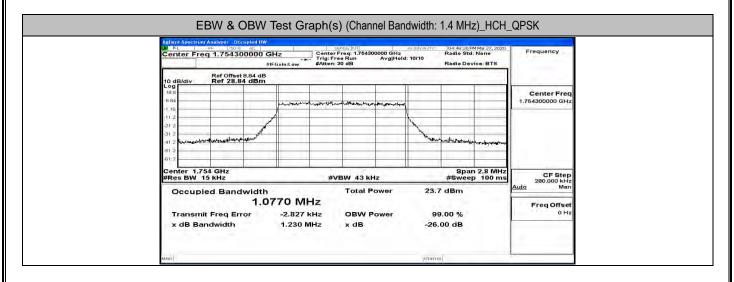
| EBW & OBW Test Result (Channel Bandwidth: 10 MHz) | | | | |
|---|---------|--------------------|----------------|---------|
| Modulation | Channel | Occupied Bandwidth | 26dB Bandwidth | Verdict |
| Modulation | | (MHz) | (MHz) | |
| QPSK | LCH | 8.9265 | 9.548 | PASS |
| | MCH | 8.9364 | 9.448 | PASS |
| | HCH | 8.9148 | 9.448 | PASS |
| 16QAM | LCH | 8.9201 | 9.401 | PASS |
| | MCH | 8.9405 | 9.442 | PASS |
| | HCH | 8.9397 | 9.468 | PASS |

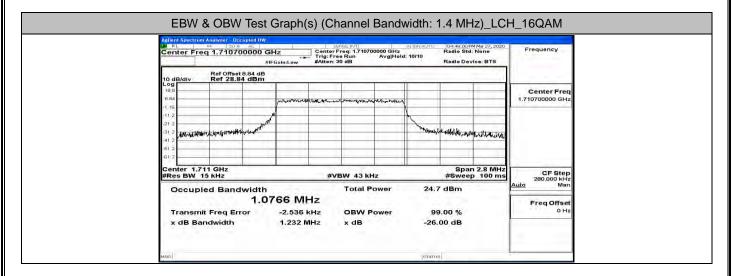
| EBW & OBW Test Result (Channel Bandwidth: 15 MHz) | | | | |
|---|---------|--------------------|----------------|---------|
| Modulation | Channel | Occupied Bandwidth | 26dB Bandwidth | Verdict |
| Wodulation | | (MHz) | (MHz) | |
| QPSK | LCH | 13.406 | 14.09 | PASS |
| | MCH | 13.383 | 14.05 | PASS |
| | HCH | 13.358 | 14.03 | PASS |
| 16QAM | LCH | 13.393 | 14.37 | PASS |
| | MCH | 13.378 | 14.02 | PASS |
| | HCH | 13.369 | 14.00 | PASS |

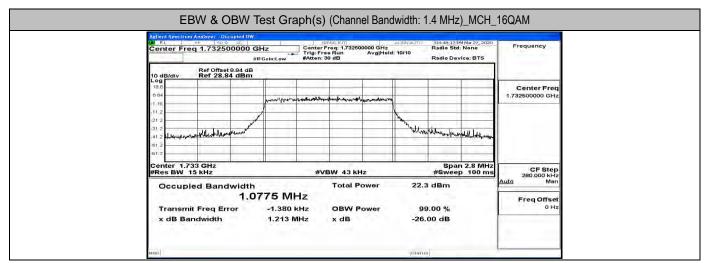
| EBW & OBW Test Result (Channel Bandwidth: 20 MHz) | | | | |
|---|---------|--------------------|----------------|---------|
| Maralada Gara | Channel | Occupied Bandwidth | 26dB Bandwidth | Verdict |
| Modulation | | (MHz) | (MHz) | |
| QPSK | LCH | 17.886 | 18.65 | PASS |
| | MCH | 17.827 | 18.57 | PASS |
| | HCH | 17.794 | 18.52 | PASS |
| 16QAM | LCH | 17.893 | 18.60 | PASS |
| | MCH | 17.813 | 18.58 | PASS |
| | HCH | 17.786 | 18.54 | PASS |

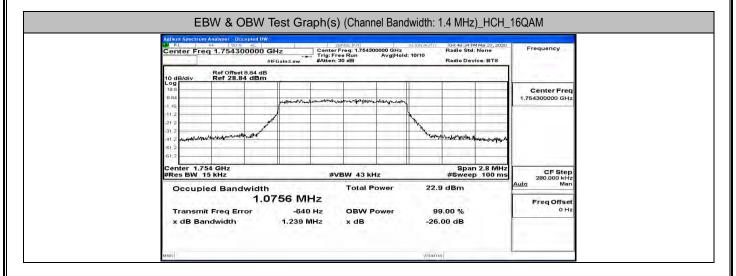


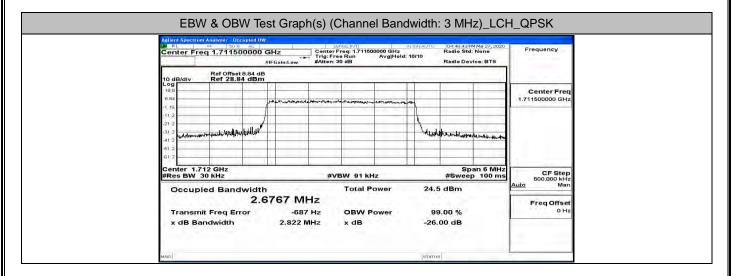


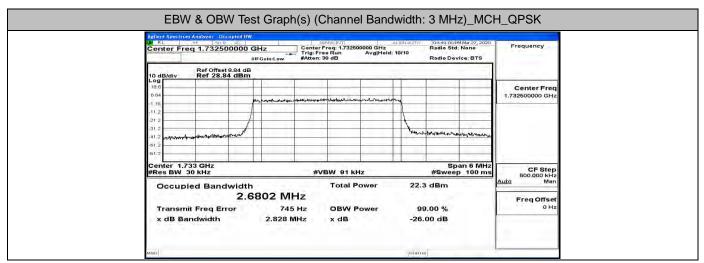


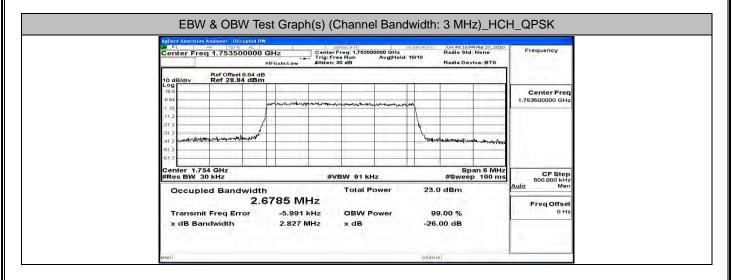


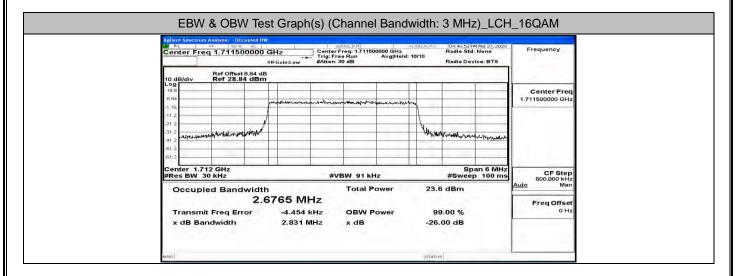


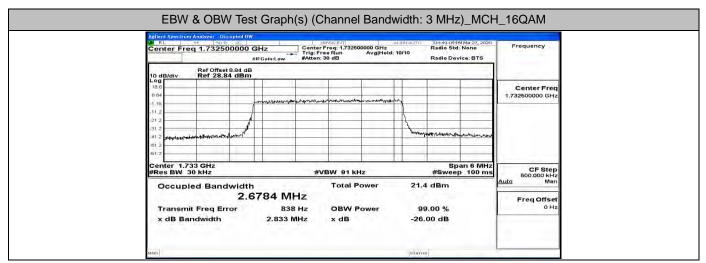


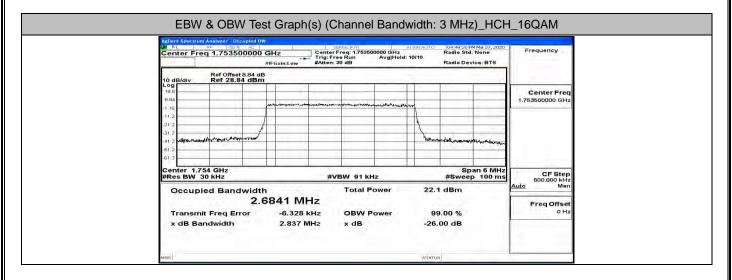


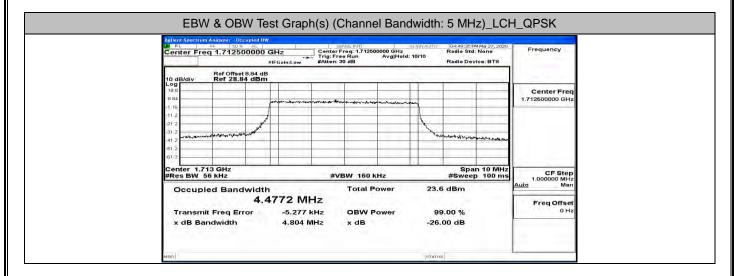


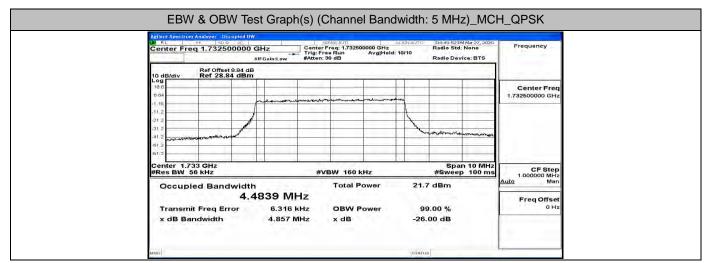


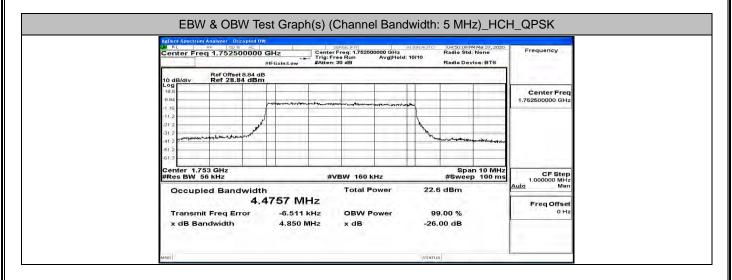


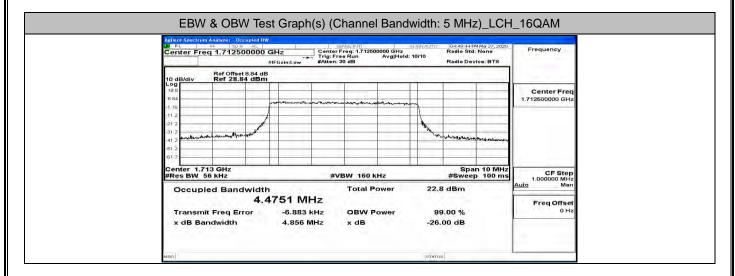


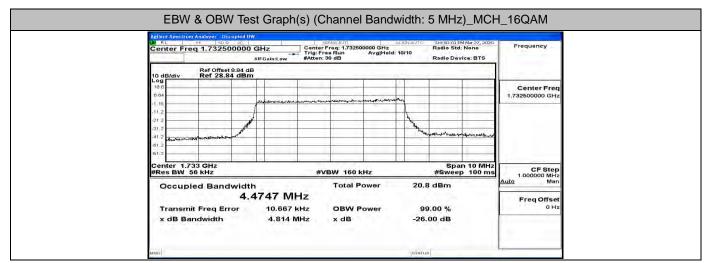


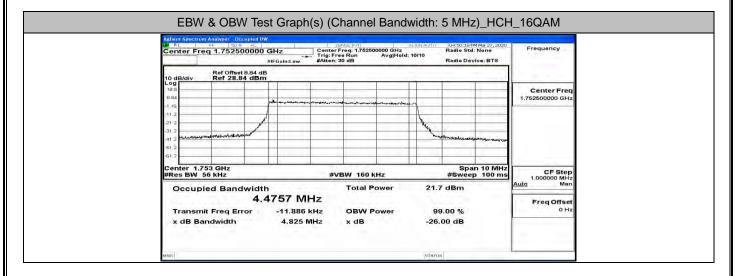


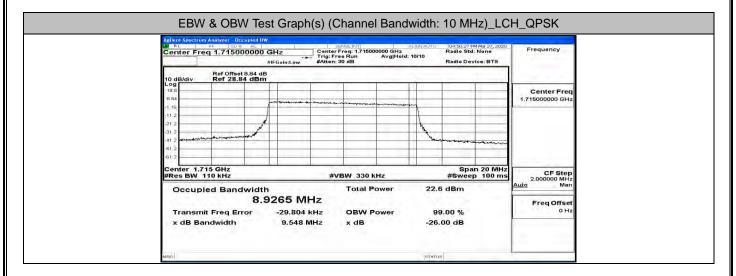


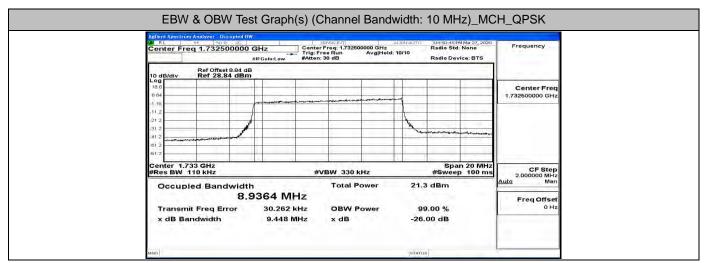


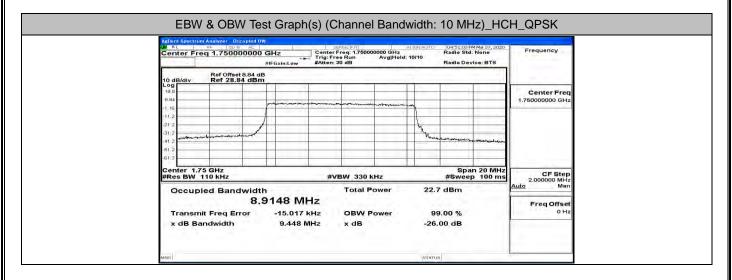


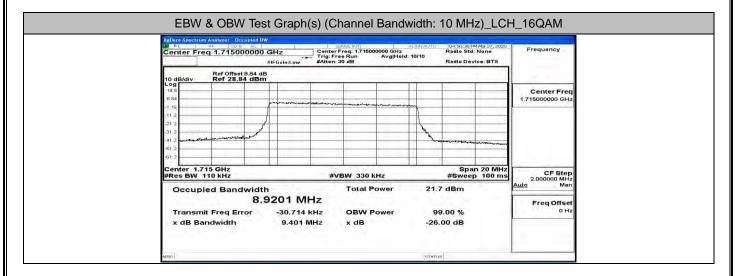


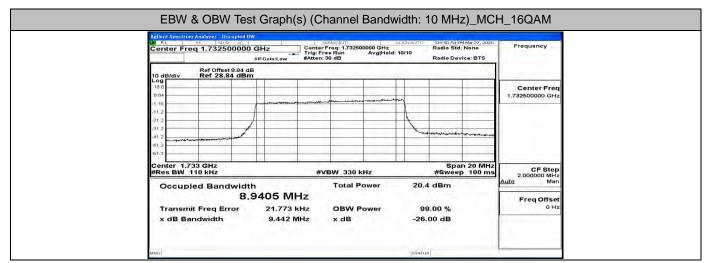


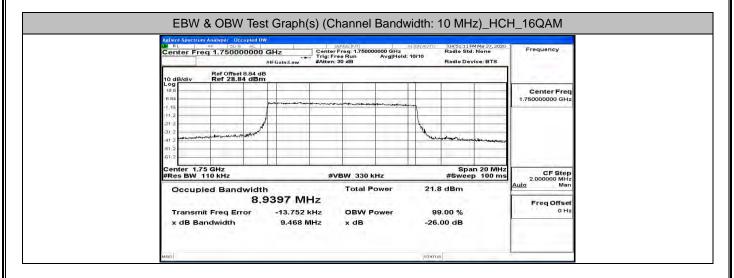


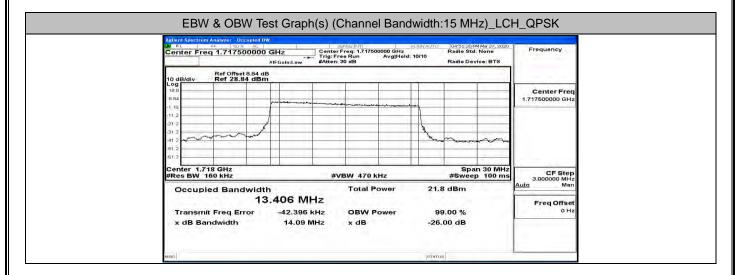


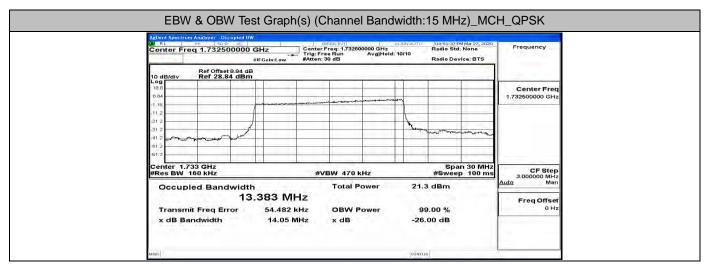


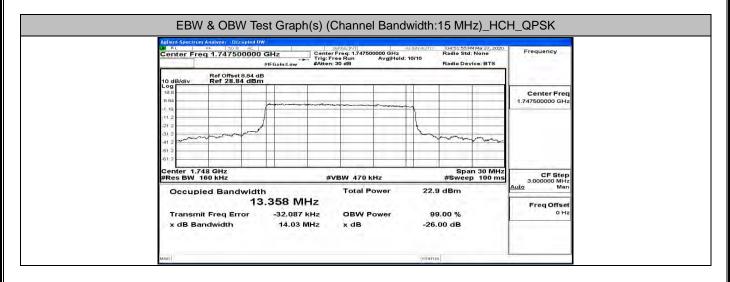


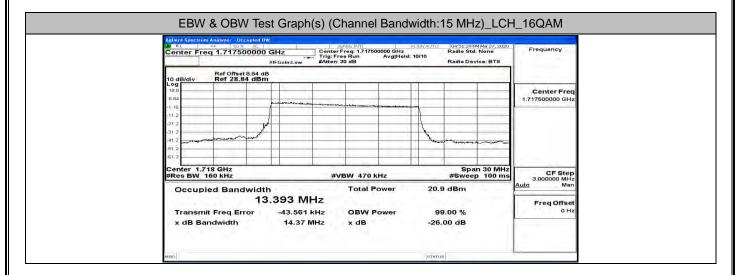


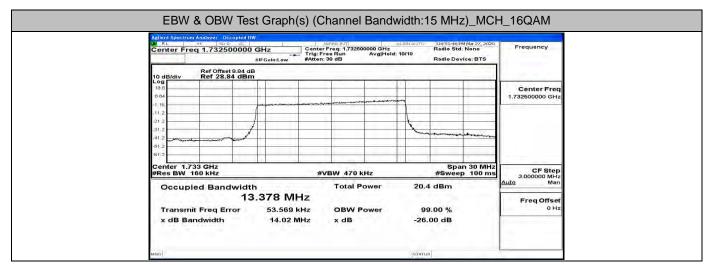


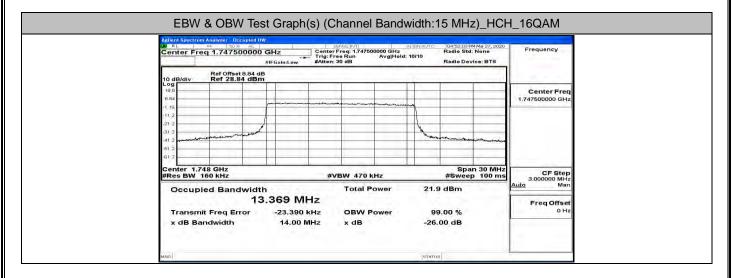


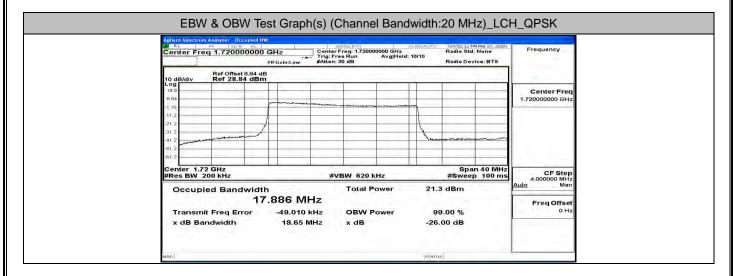


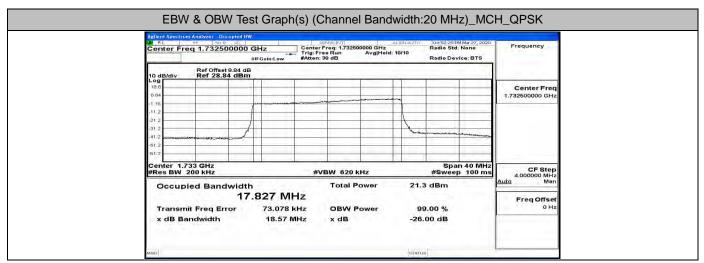


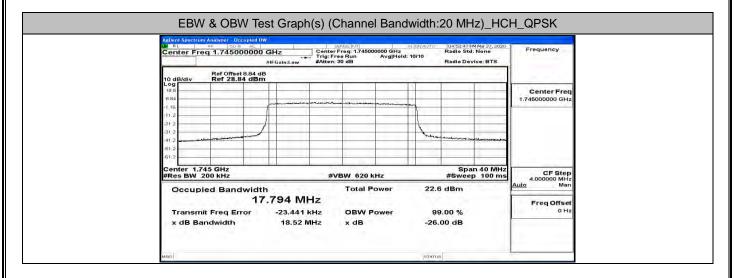


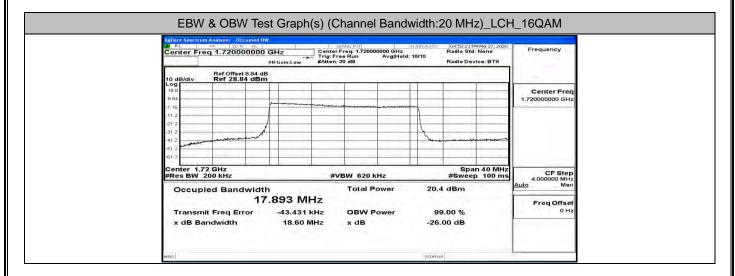


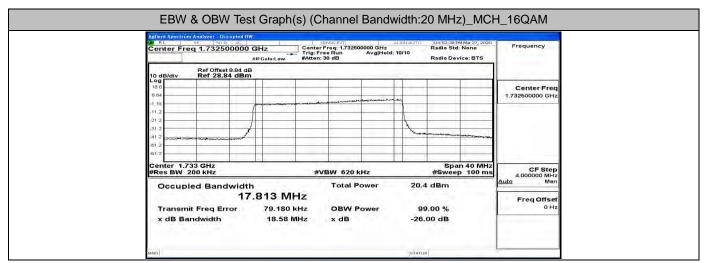


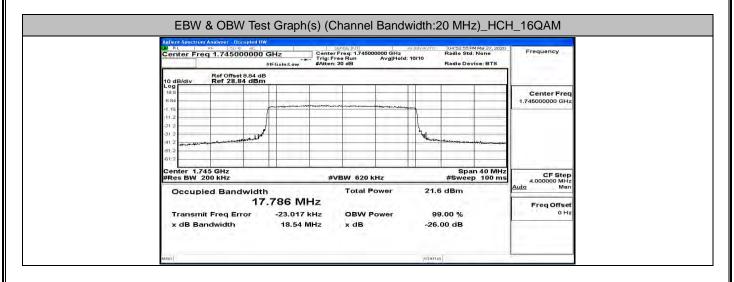




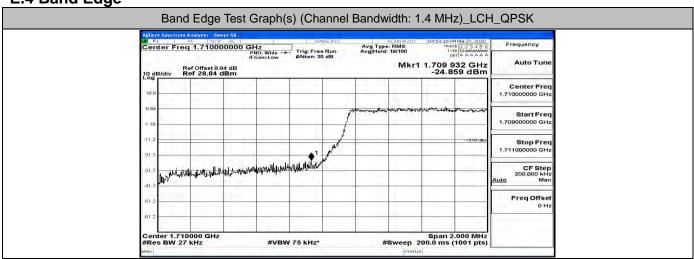


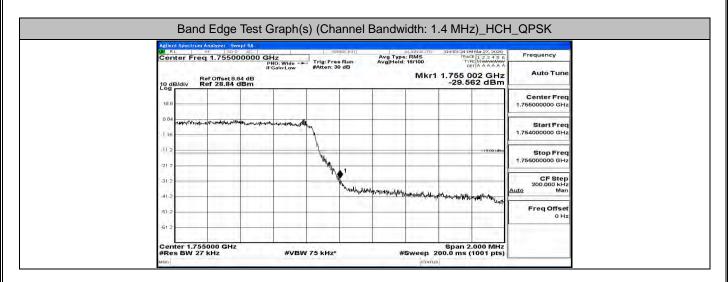


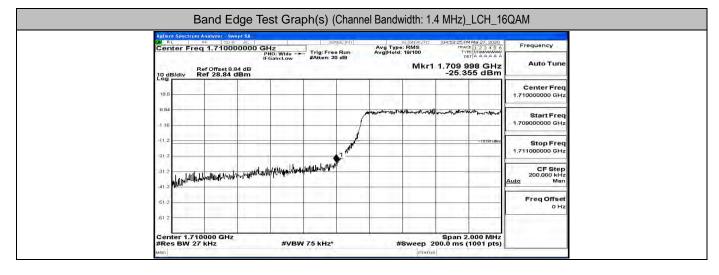


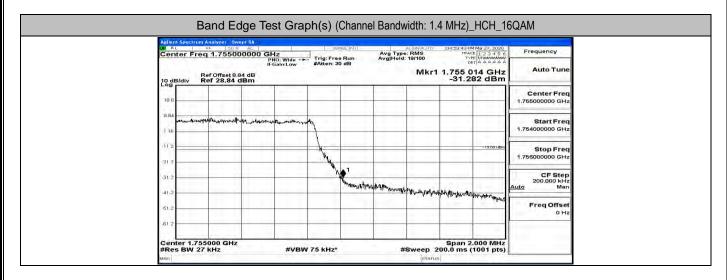


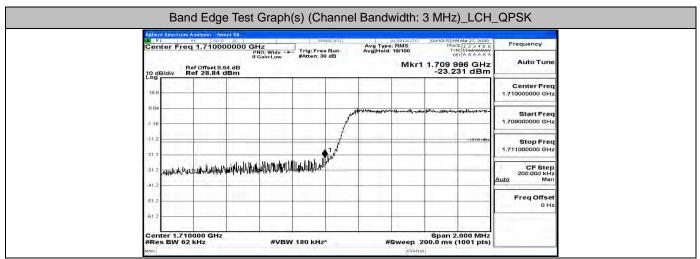
E.4 Band Edge

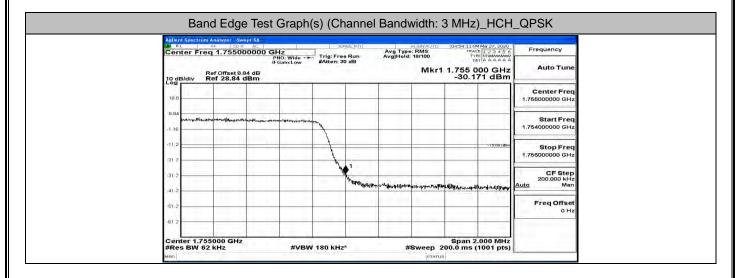


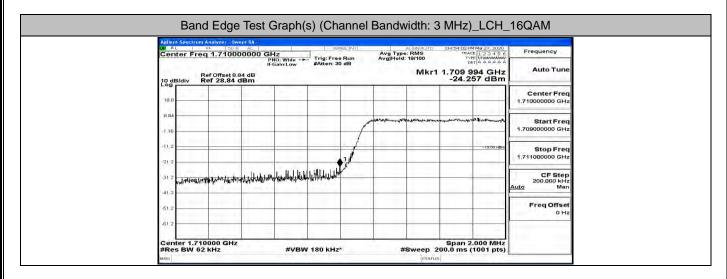


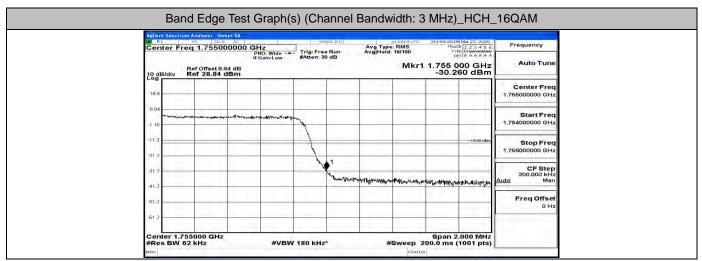


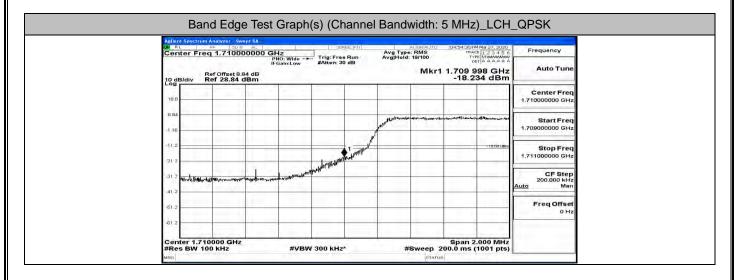


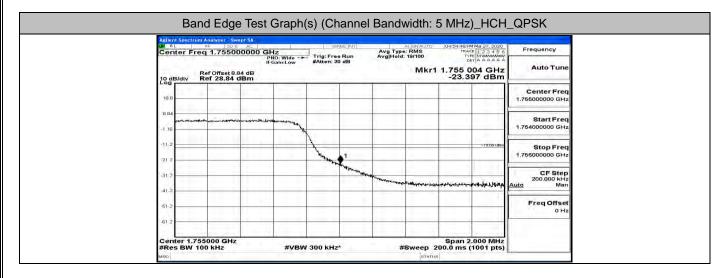


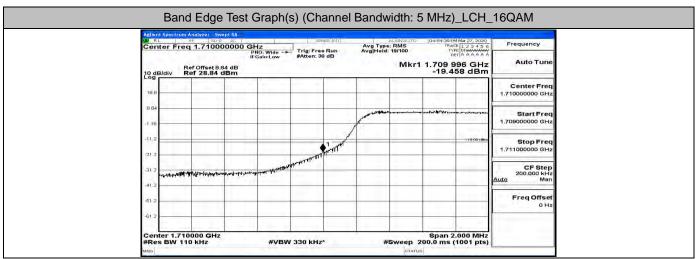


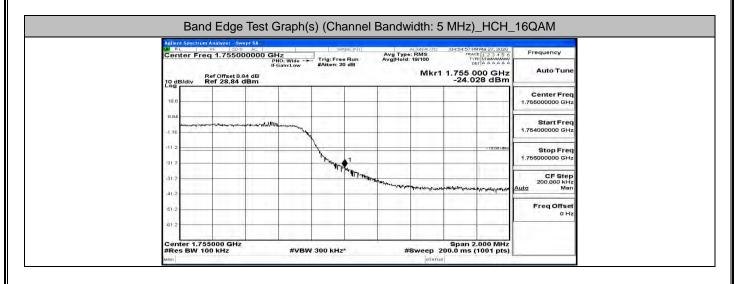


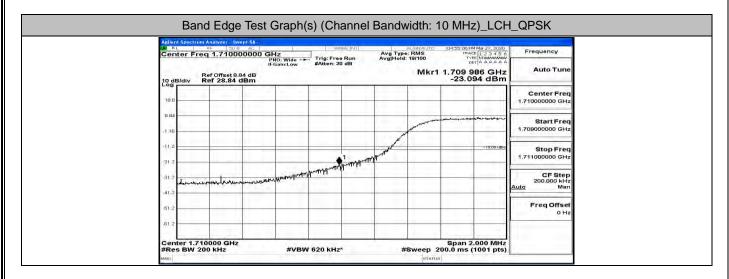


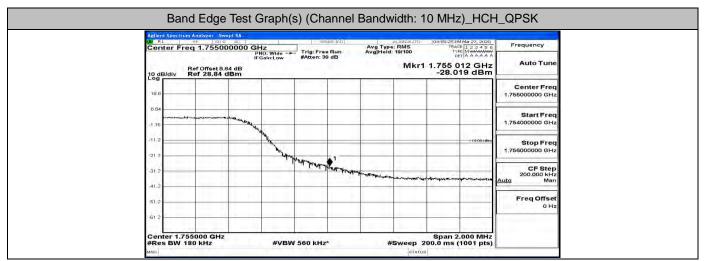


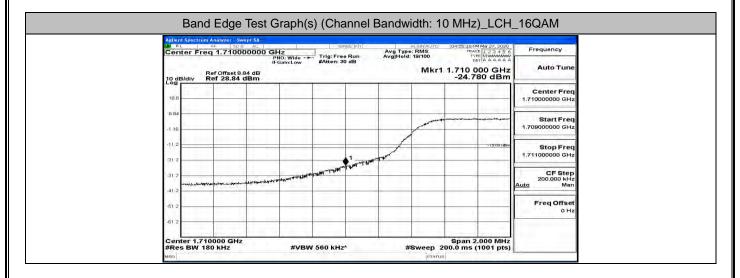


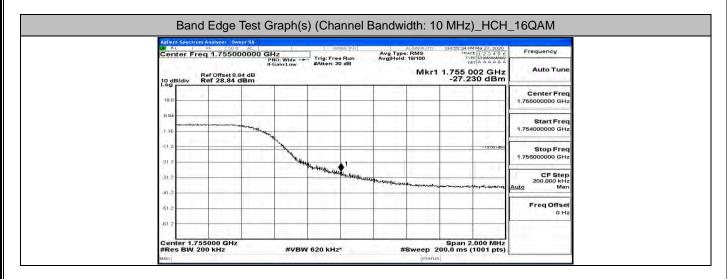


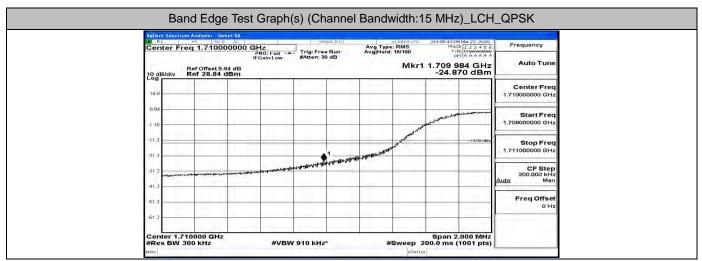


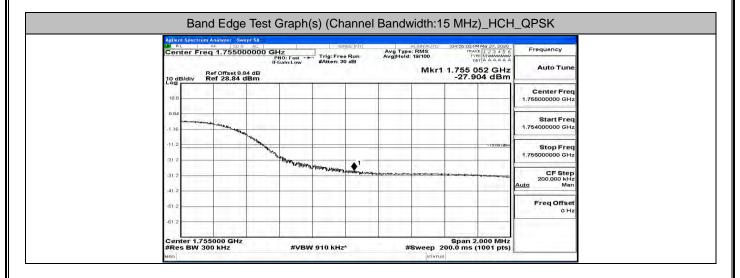


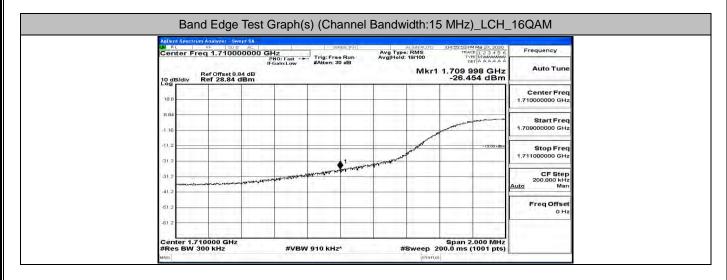


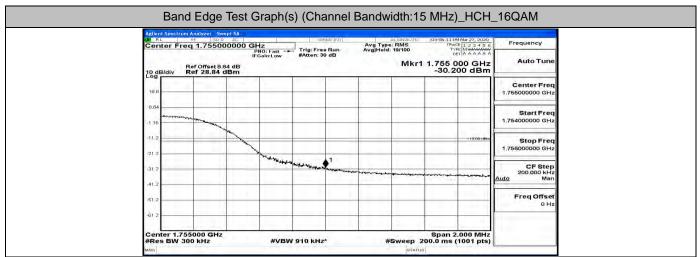


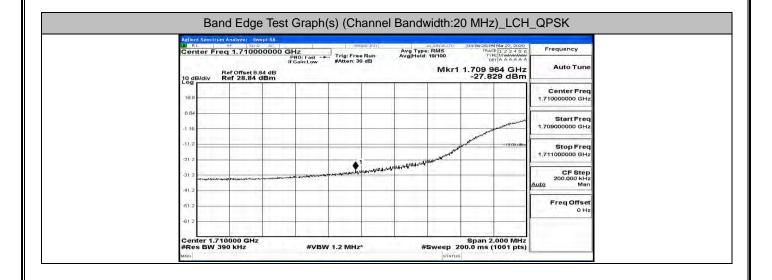


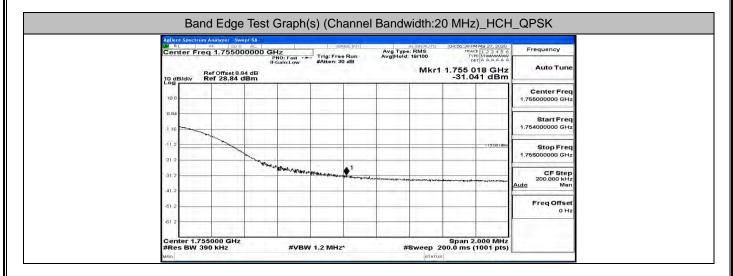


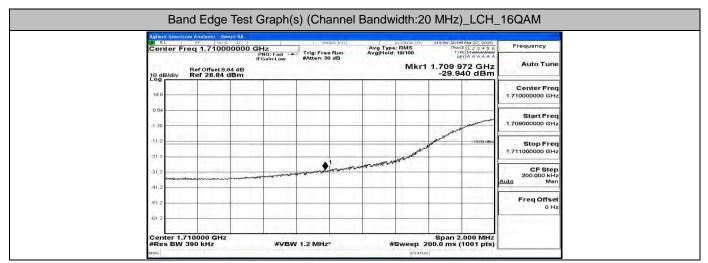


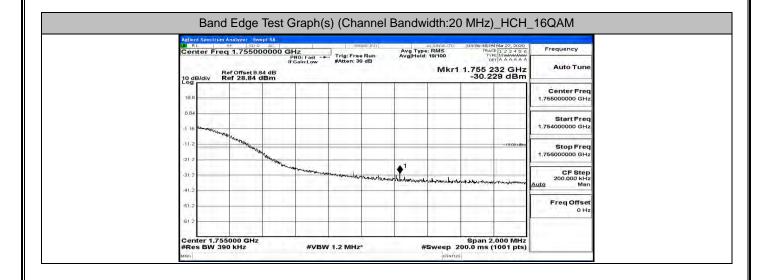






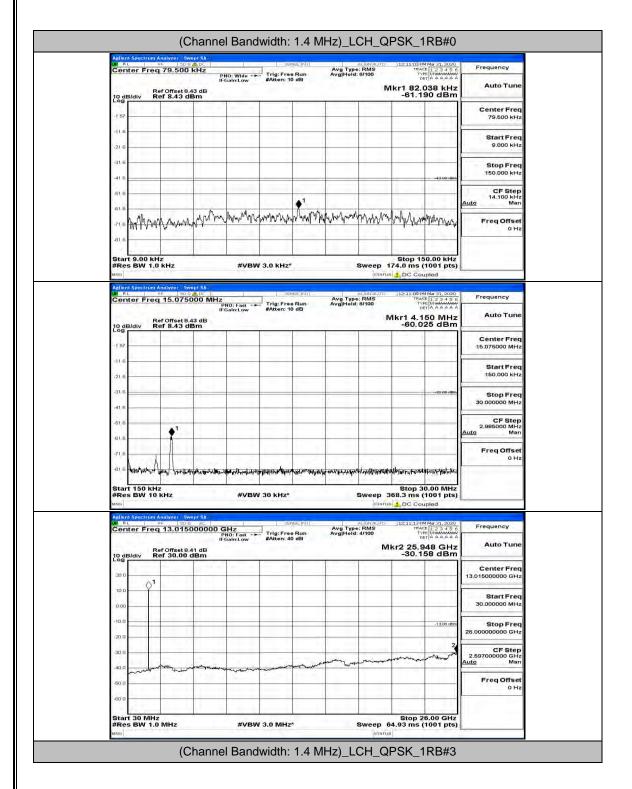


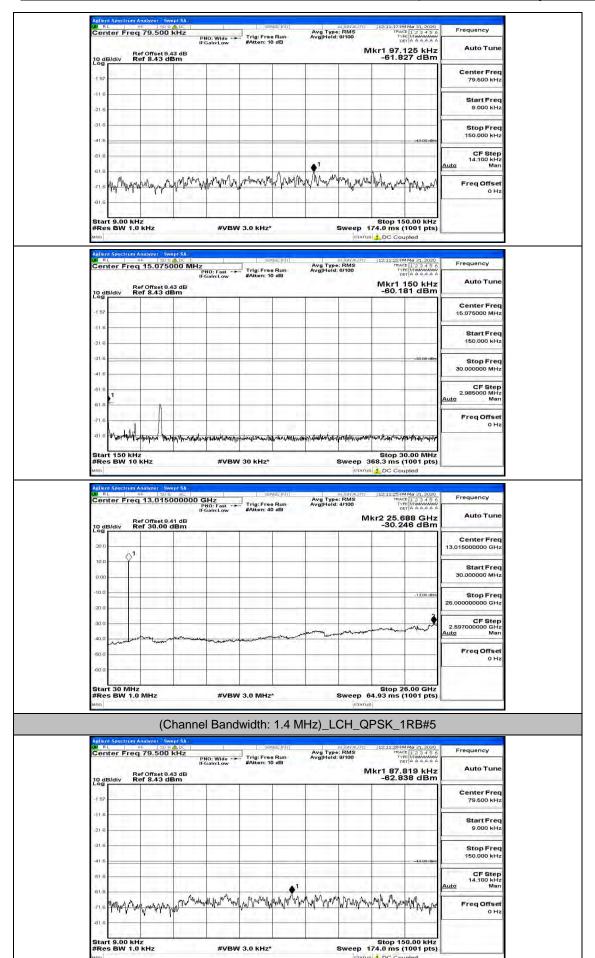




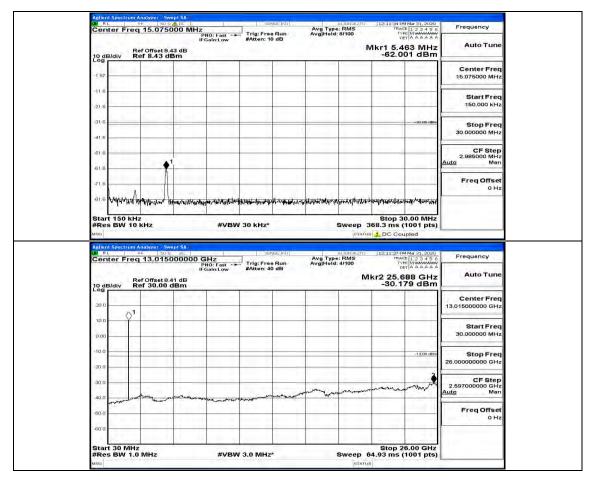
E.5 Conducted Spurious Emission

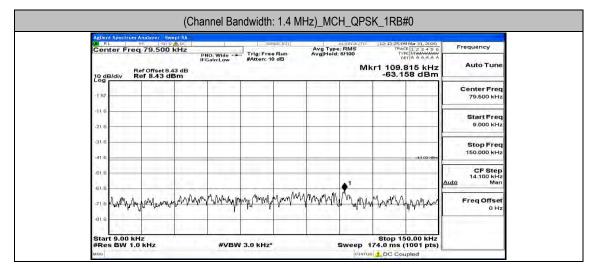
Channel Bandwidth: 1.4 MHz





#VBW 3.0 kHz*

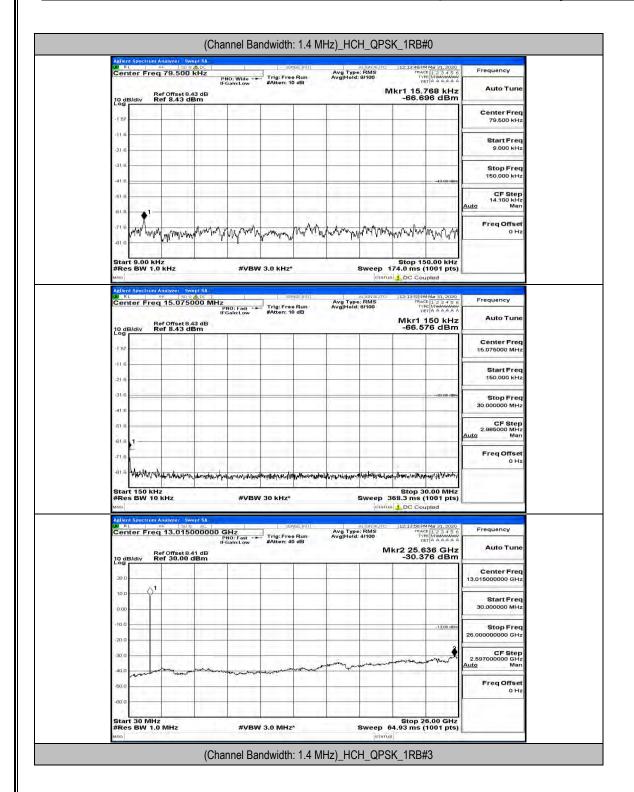


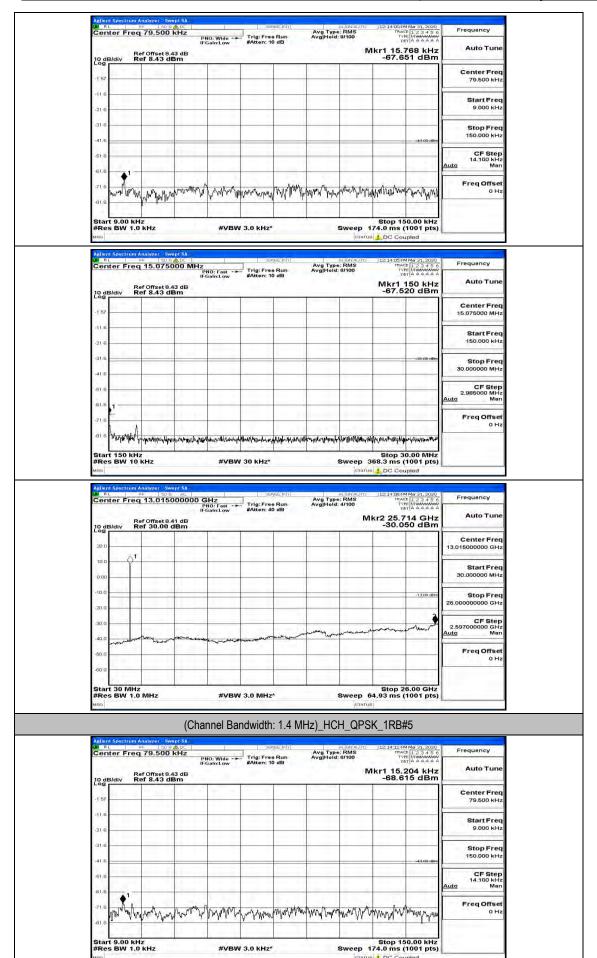


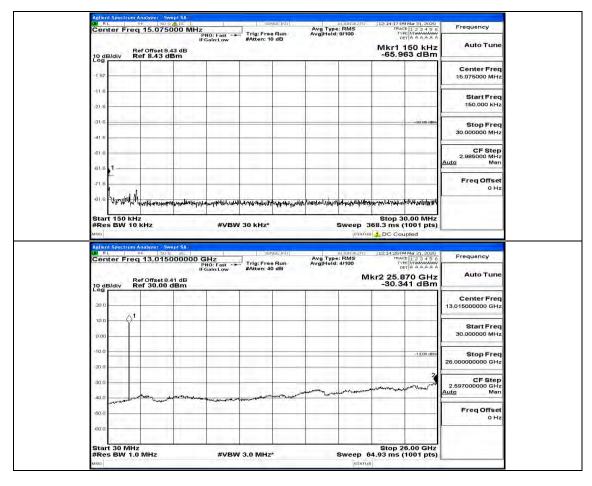
Start 30 MHz #Res BW 1.0 MHz

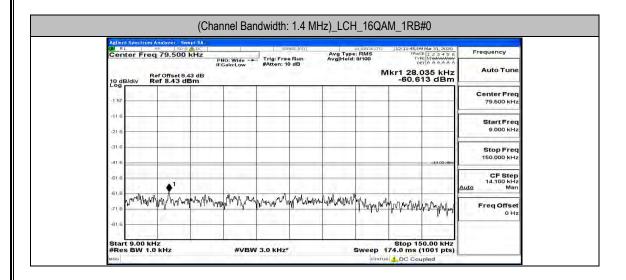
#VBW 3.0 MHz*

Stop 26.00 GHz Sweep 64.93 ms (1001 pts)

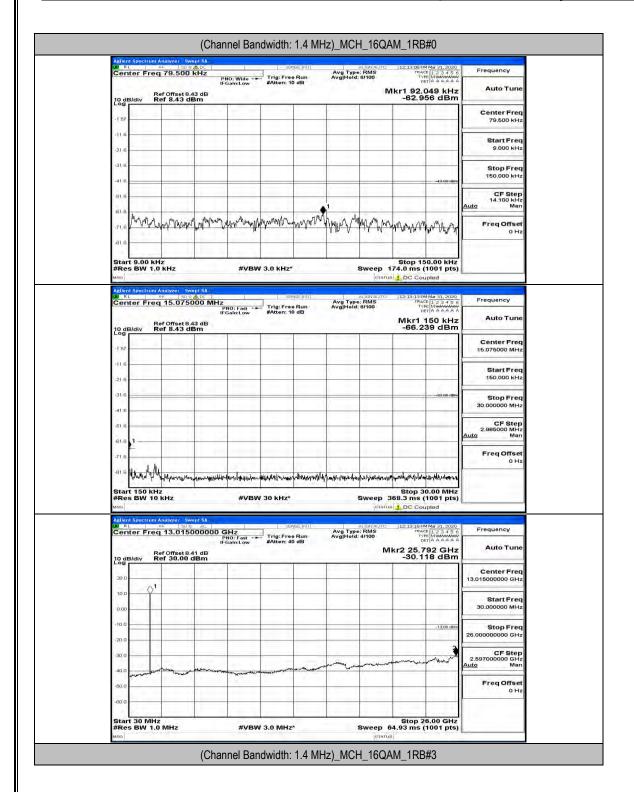


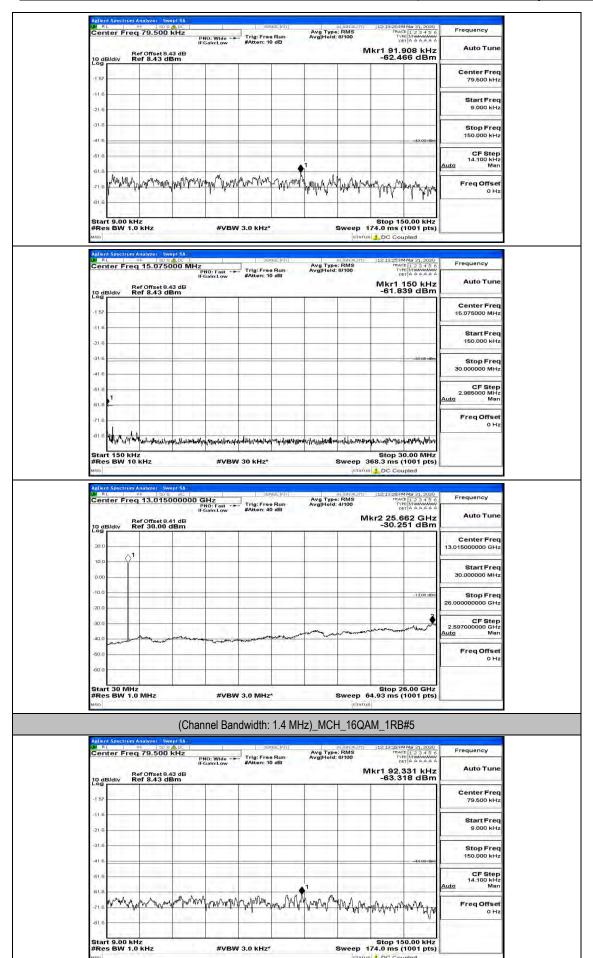


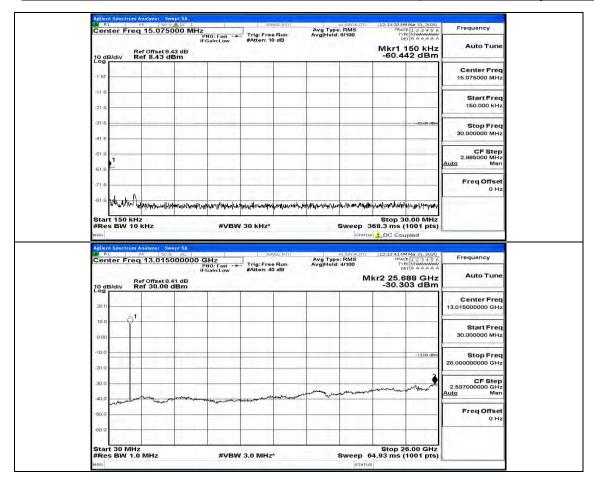


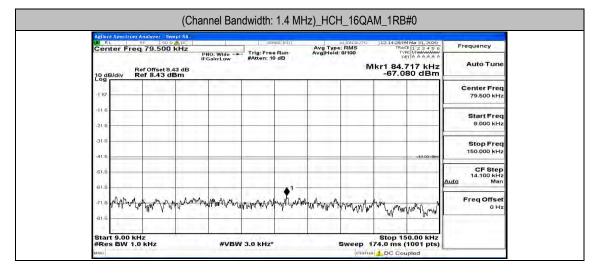


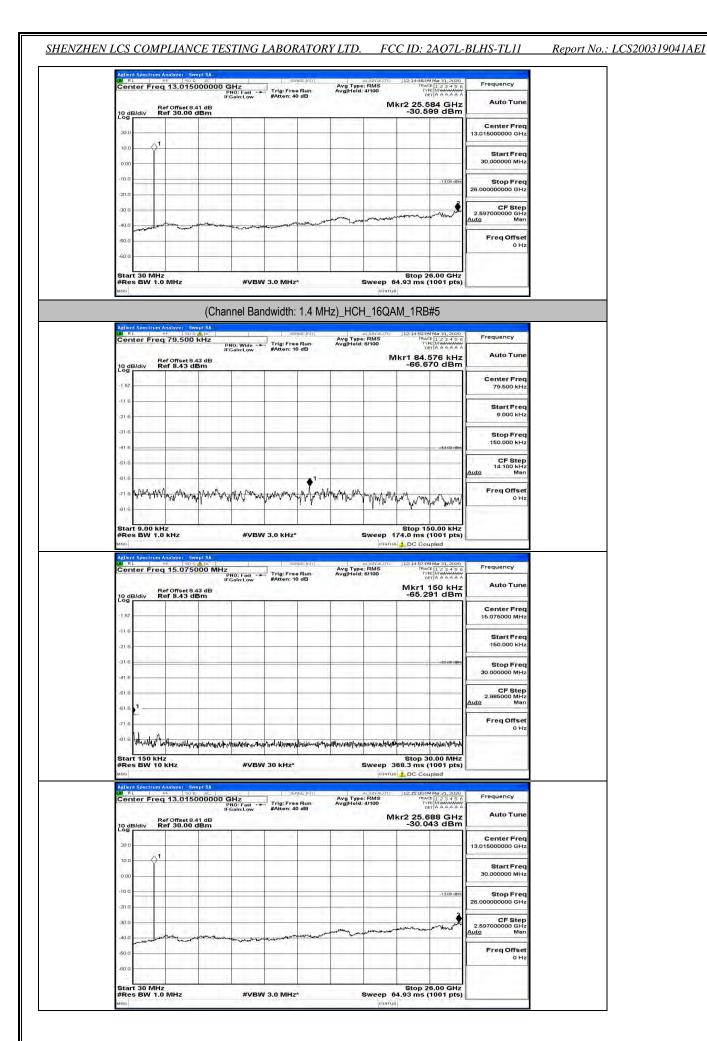
#VBW 3.0 MHz*



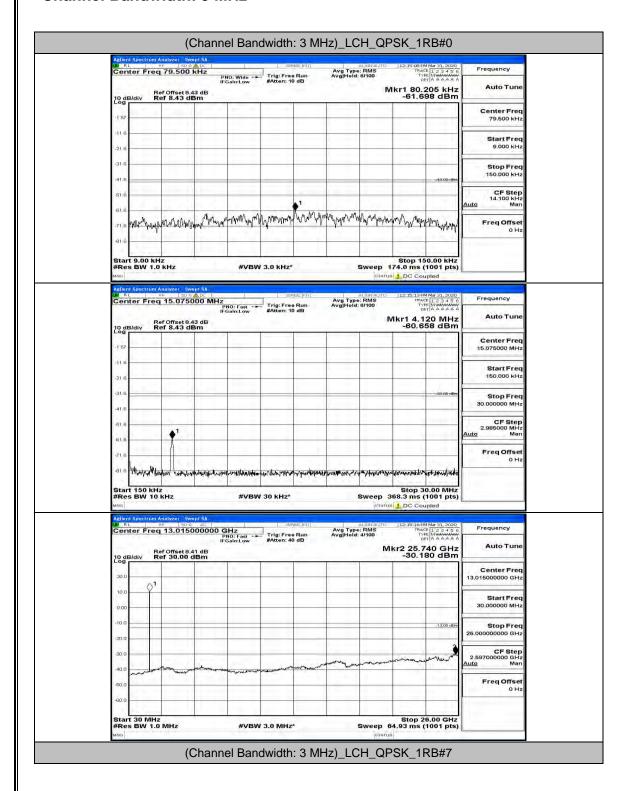


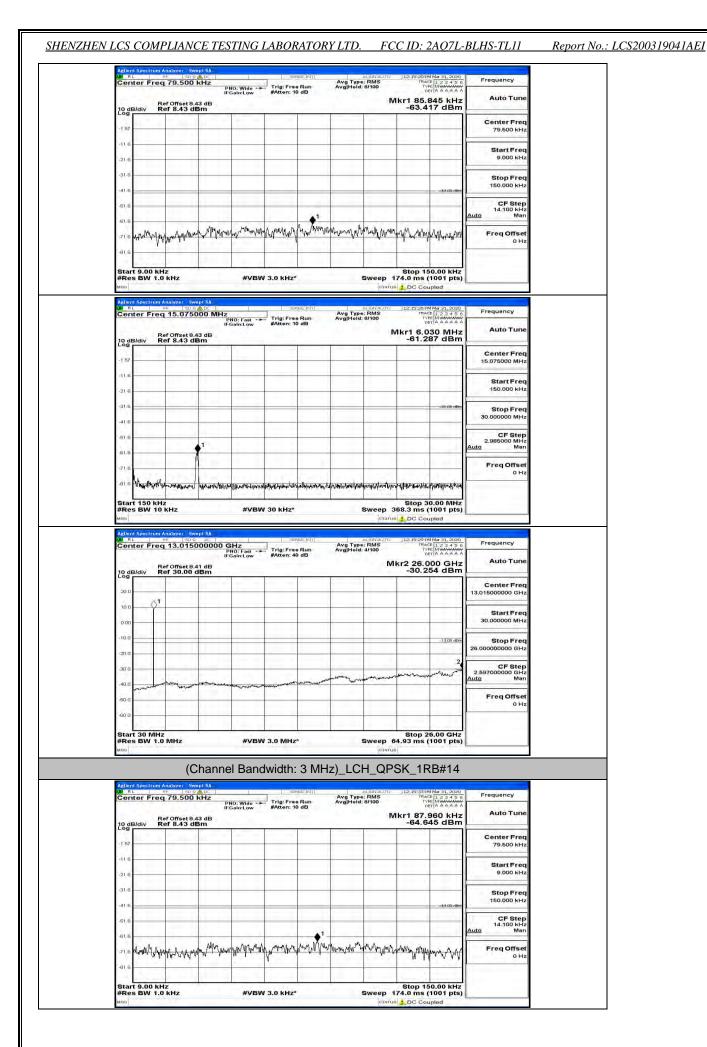


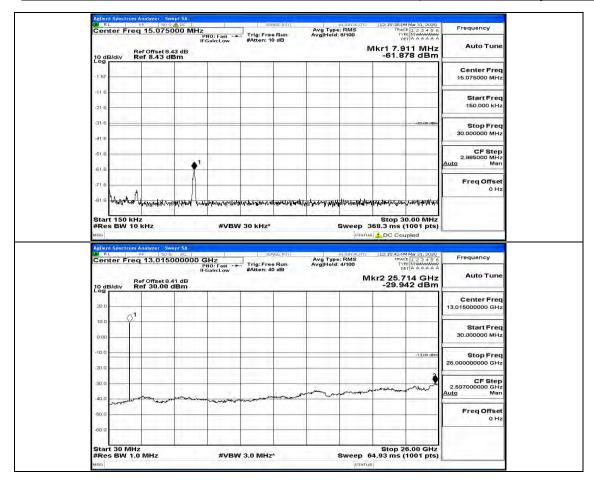


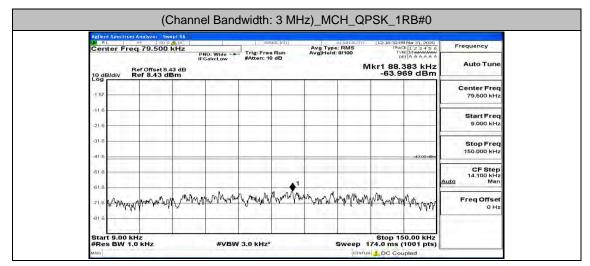


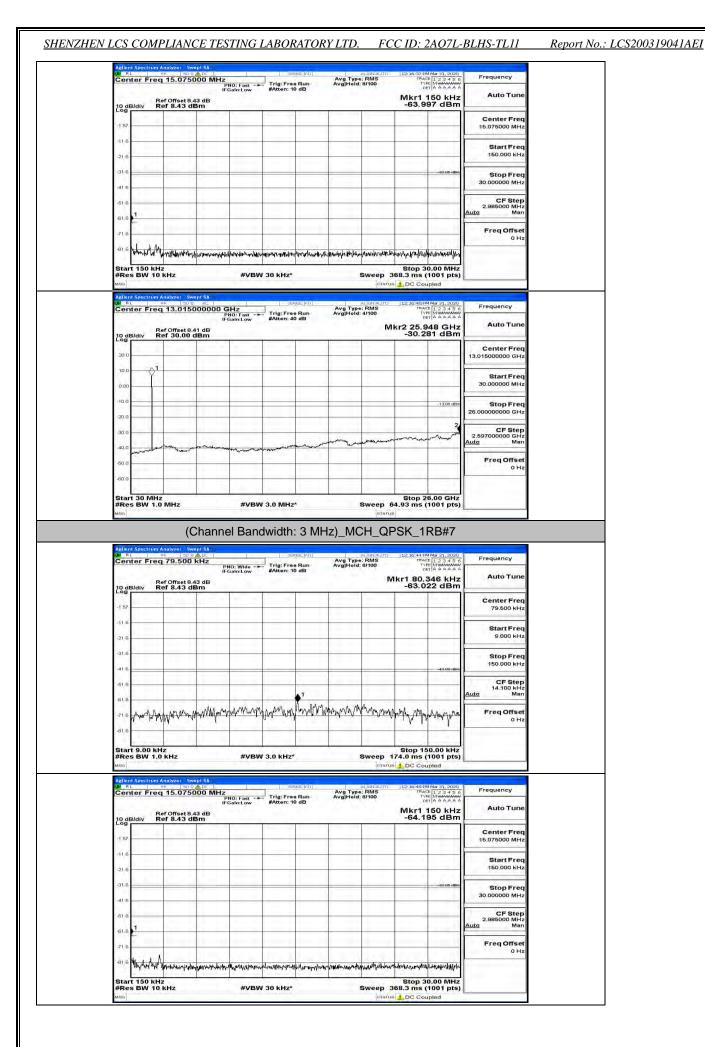
Channel Bandwidth: 3 MHz

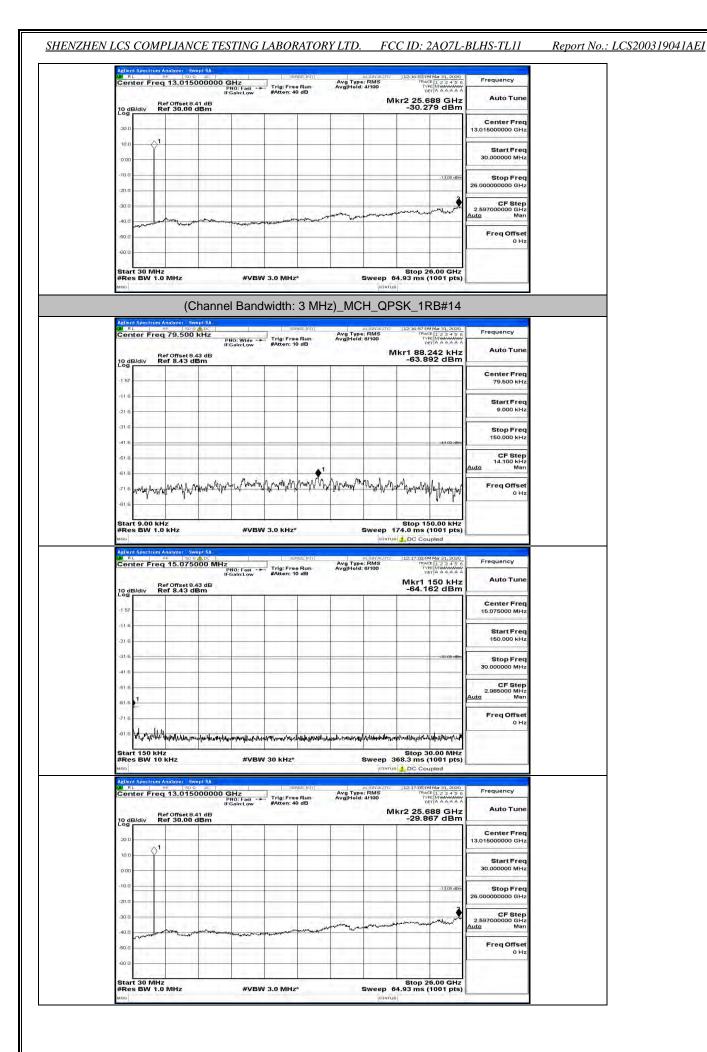


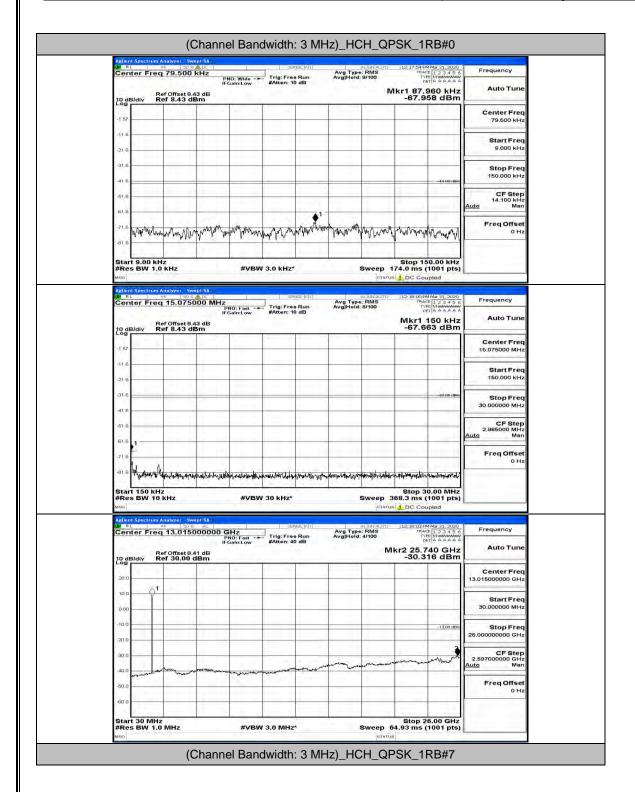


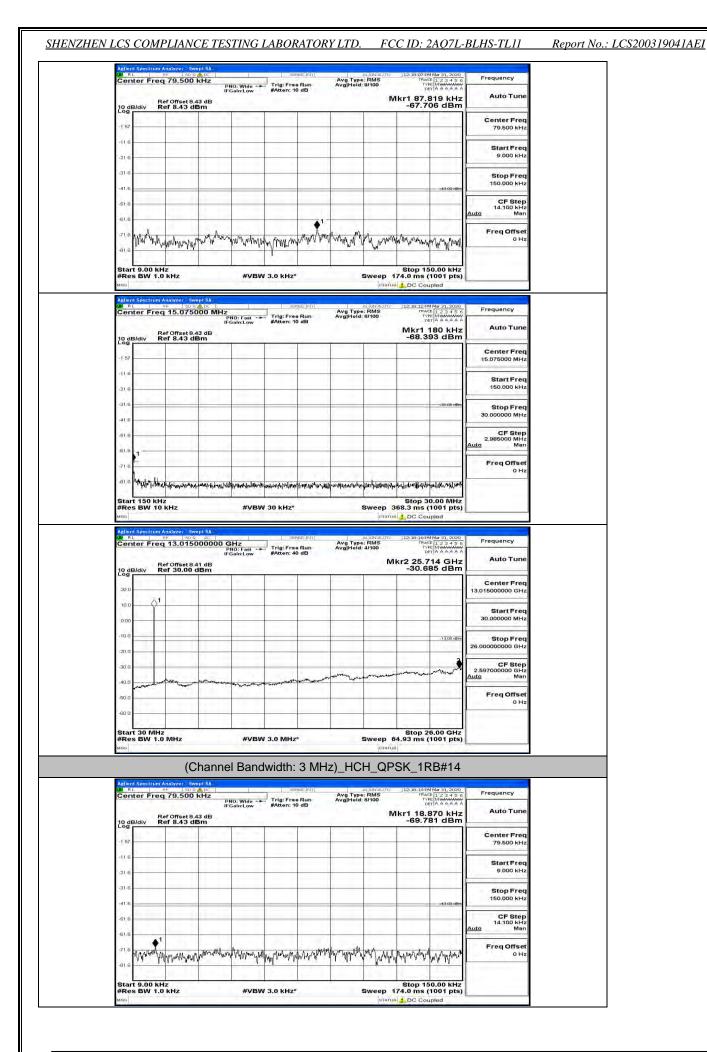


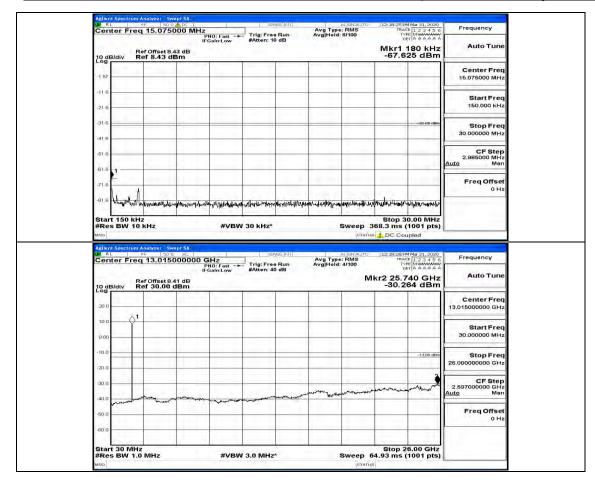


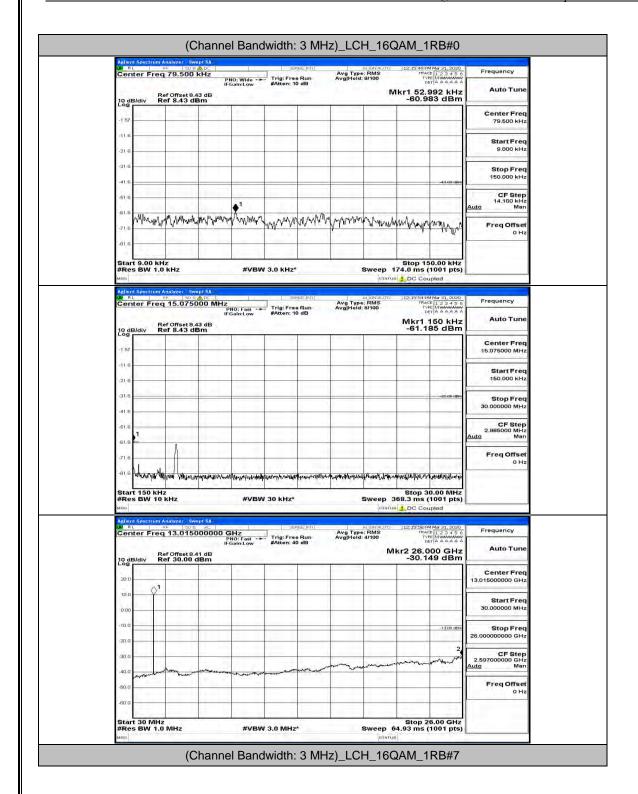


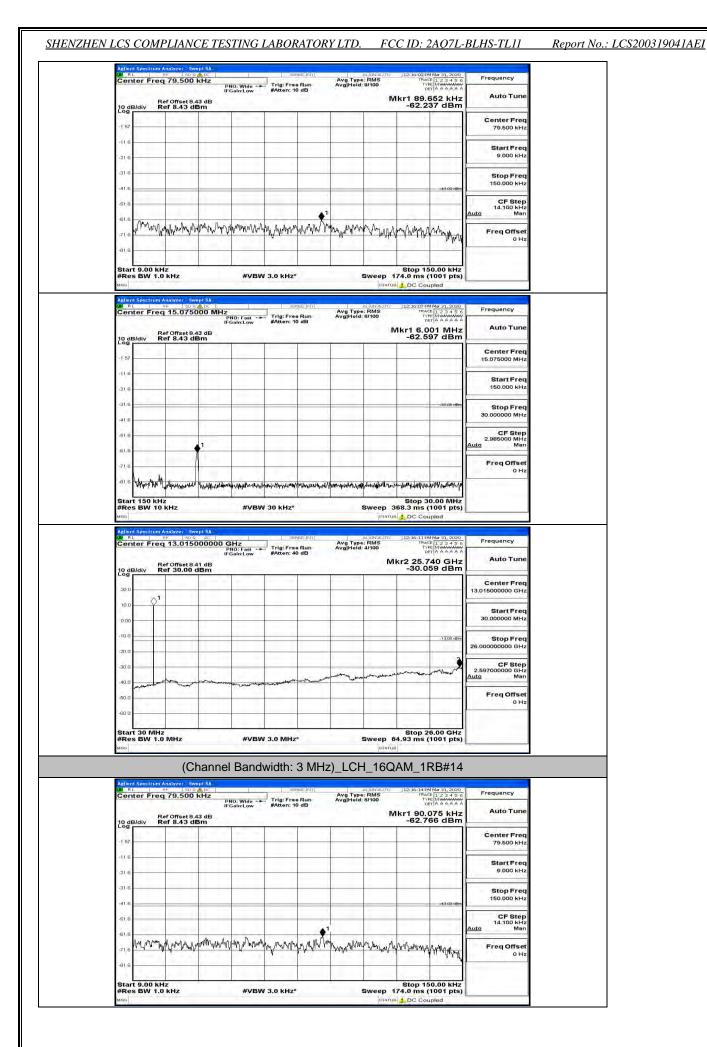


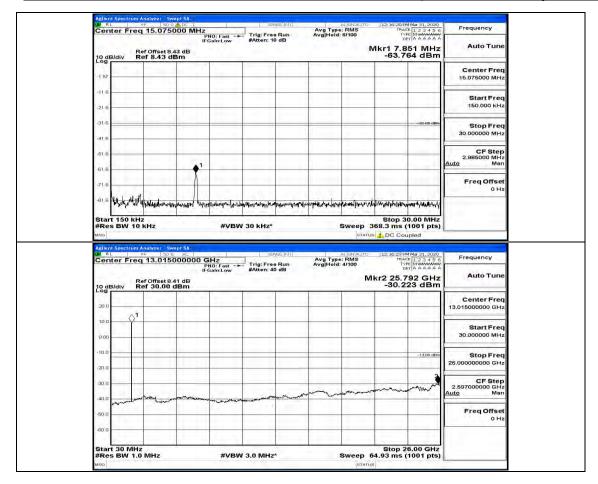


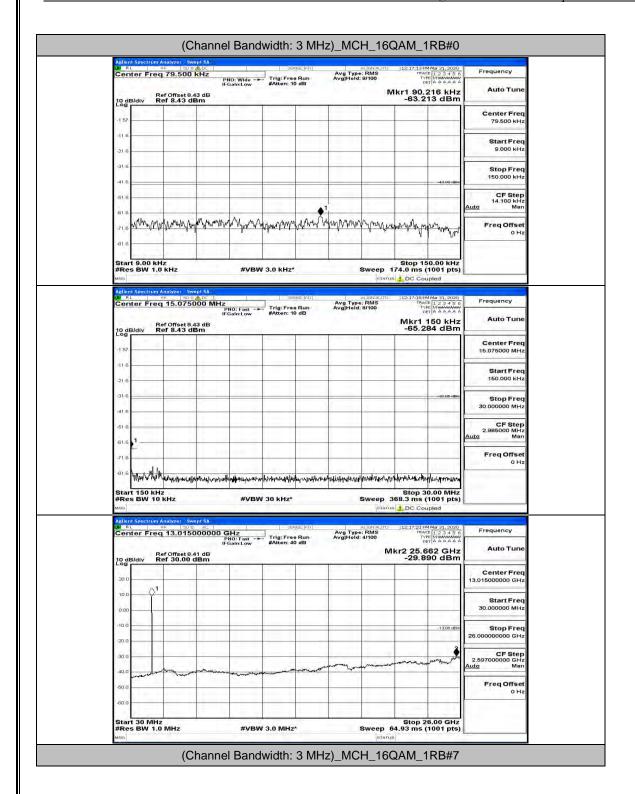


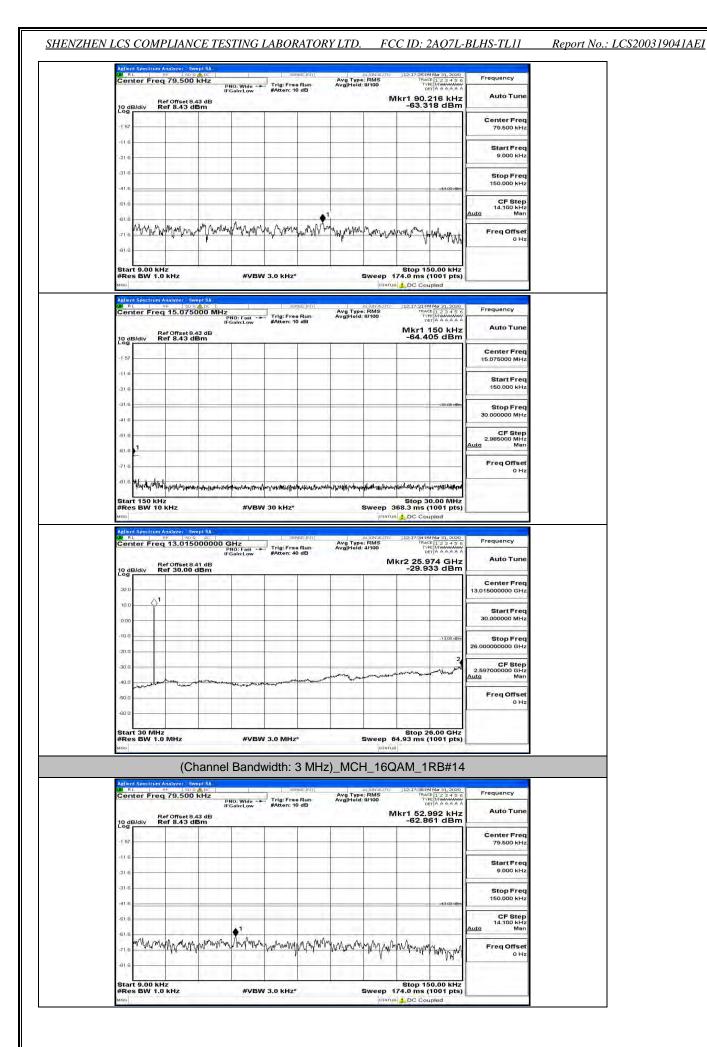


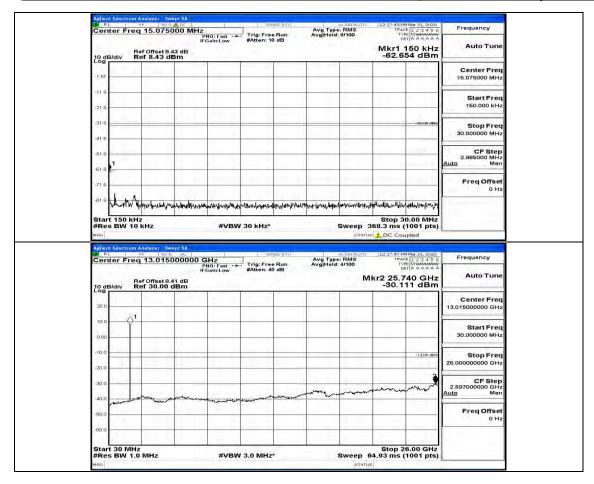


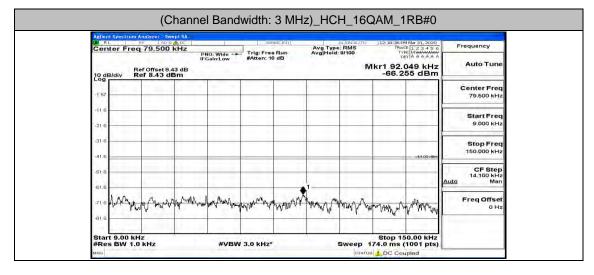


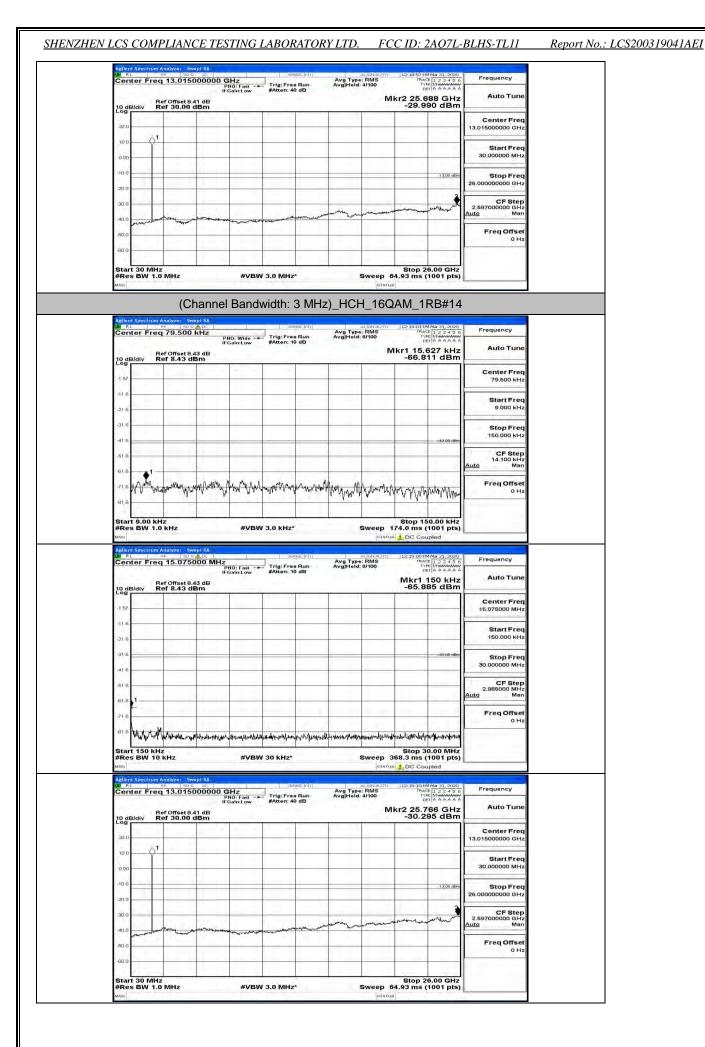












Channel Bandwidth: 5 MHz

