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

## Product Name: LTE GSM/WCDMA Smartphone
## Trade Mark: DOOGEE
## Test Model: S70 Lite

### Environmental Conditions

| | |
|---|---|
| Temperature: | 22.8 |
| Relative Humidity: | 53.2 |
| ATM Pressure: | 100.0 kPa |
| Test Engineer: | Mina.Xu |
| Supervised by: | Jayden Zhuo |

## A.1 Conducted Output Power

| Conducted Output Power Test Result (Channel Bandwidth: 1.4 MHz) | | | | | |
|---|---|---|---|---|---|
| Modulation | Channel | RB Configuration | | Average Power [dBm] | Average Power [dBm] | Verdict |
| | | Size | Offset | QPSK | 16QAM | |
| QPSK / 16QAM | LCH | 1 | 0 | 22.43 | 21.77 | PASS |
| | | 1 | 3 | 22.58 | **21.99** | PASS |
| | | 1 | 5 | 22.48 | 21.75 | PASS |
| | | 3 | 0 | 22.58 | 21.71 | PASS |
| | | 3 | 2 | **22.59** | 21.76 | PASS |
| | | 3 | 3 | 22.56 | 21.72 | PASS |
| | | 6 | 0 | 21.54 | 20.48 | PASS |
| | MCH | 1 | 0 | 22.28 | 21.61 | PASS |
| | | 1 | 3 | 22.38 | 21.76 | PASS |
| | | 1 | 5 | 22.27 | 21.58 | PASS |
| | | 3 | 0 | 22.38 | 21.33 | PASS |
| | | 3 | 2 | 22.35 | 21.36 | PASS |
| | | 3 | 3 | 22.36 | 21.39 | PASS |
| | | 6 | 0 | 21.33 | 20.26 | PASS |
| | HCH | 1 | 0 | 22.49 | 21.67 | PASS |
| | | 1 | 3 | 22.54 | 21.86 | PASS |
| | | 1 | 5 | 22.52 | 21.75 | PASS |
| | | 3 | 0 | 22.21 | 21.12 | PASS |
| | | 3 | 2 | 22.14 | 21.16 | PASS |
| | | 3 | 3 | 22.13 | 21.16 | PASS |
| | | 6 | 0 | 21.06 | 20.19 | PASS |

| Conducted Output Power Test Result (Channel Bandwidth: 3 MHz) | | | | | |
|---|---|---|---|---|---|
| Modulation | Channel | RB Configuration | | Average Power [dBm] | Average Power [dBm] | Verdict |
| | | Size | Offset | QPSK | 16QAM | |
| QPSK / 16QAM | LCH | 1 | 0 | 22.00 | 21.43 | PASS |
| | | 1 | 7 | 22.28 | 21.59 | PASS |
| | | 1 | 14 | 21.98 | 21.32 | PASS |
| | | 8 | 0 | 21.09 | 20.16 | PASS |
| | | 8 | 4 | 21.11 | 20.23 | PASS |
| | | 8 | 7 | 21.04 | 20.10 | PASS |
| | | 15 | 0 | 21.08 | 20.08 | PASS |
| | MCH | 1 | 0 | 21.91 | 21.14 | PASS |
| | | 1 | 7 | 22.08 | 21.32 | PASS |
| | | 1 | 14 | 21.82 | 21.12 | PASS |
| | | 8 | 0 | 20.93 | 19.97 | PASS |
| | | 8 | 4 | 20.94 | 19.99 | PASS |
| | | 8 | 7 | 20.87 | 19.87 | PASS |
| | | 15 | 0 | 20.84 | 19.83 | PASS |
| | HCH | 1 | 0 | 22.02 | 21.36 | PASS |
| | | 1 | 7 | 22.32 | 21.51 | PASS |
| | | 1 | 14 | 22.10 | 21.46 | PASS |
| | | 8 | 0 | 21.12 | 20.09 | PASS |
| | | 8 | 4 | 21.11 | 20.09 | PASS |
| | | 8 | 7 | 21.11 | 20.05 | PASS |
| | | 15 | 0 | 21.05 | 20.04 | PASS |

| Conducted Output Power Test Result (Channel Bandwidth: 5 MHz) | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Channel | RB Configuration | | Average Power [dBm] | Average Power [dBm] | Verdict |
| | | Size | Offset | QPSK | 16QAM | |
| QPSK / 16QAM | LCH | 1 | 0 | 22.03 | 21.46 | PASS |
| | | 1 | 12 | 22.33 | 21.42 | PASS |
| | | 1 | 24 | 21.94 | 21.38 | PASS |
| | | 12 | 0 | 21.05 | 20.26 | PASS |
| | | 12 | 6 | 21.10 | 20.30 | PASS |
| | | 12 | 13 | 21.02 | 20.21 | PASS |
| | | 25 | 0 | 21.10 | 20.14 | PASS |
| | MCH | 1 | 0 | 21.84 | 21.28 | PASS |
| | | 1 | 12 | 22.05 | 21.52 | PASS |
| | | 1 | 24 | 21.77 | 21.12 | PASS |
| | | 12 | 0 | 20.86 | 20.10 | PASS |
| | | 12 | 6 | 20.95 | 20.10 | PASS |
| | | 12 | 13 | 20.81 | 19.96 | PASS |
| | | 25 | 0 | 20.87 | 19.92 | PASS |
| | HCH | 1 | 0 | 21.94 | 20.87 | PASS |
| | | 1 | 12 | 22.34 | 21.36 | PASS |
| | | 1 | 24 | 22.06 | 21.04 | PASS |
| | | 12 | 0 | 21.07 | 20.08 | PASS |
| | | 12 | 6 | 21.09 | 20.16 | PASS |
| | | 12 | 13 | 20.93 | 20.05 | PASS |
| | | 25 | 0 | 21.07 | 20.07 | PASS |

| Conducted Output Power Test Result (Channel Bandwidth: 10 MHz) | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Channel | RB Configuration | | Average Power [dBm] | Average Power [dBm] | Verdict |
| | | Size | Offset | QPSK | 16QAM | |
| QPSK / 16QAM | LCH | 1 | 0 | 22.06 | 21.35 | PASS |
| | | 1 | 24 | 22.22 | 21.48 | PASS |
| | | 1 | 49 | 21.88 | 21.19 | PASS |
| | | 25 | 0 | 21.11 | 20.12 | PASS |
| | | 25 | 12 | 21.06 | 20.09 | PASS |
| | | 25 | 25 | 21.13 | 20.15 | PASS |
| | | 50 | 0 | 21.09 | 20.10 | PASS |
| | MCH | 1 | 0 | 21.90 | 21.14 | PASS |
| | | 1 | 24 | 22.06 | 21.34 | PASS |
| | | 1 | 49 | 21.77 | 21.05 | PASS |
| | | 25 | 0 | 21.01 | 20.04 | PASS |
| | | 25 | 12 | 20.93 | 19.96 | PASS |
| | | 25 | 25 | 20.84 | 19.84 | PASS |
| | | 50 | 0 | 20.91 | 19.93 | PASS |
| | HCH | 1 | 0 | 21.80 | 21.17 | PASS |
| | | 1 | 24 | 22.16 | 21.42 | PASS |
| | | 1 | 49 | 22.07 | 21.42 | PASS |
| | | 25 | 0 | 20.97 | 19.98 | PASS |
| | | 25 | 12 | 21.01 | 19.99 | PASS |
| | | 25 | 25 | 20.97 | 19.92 | PASS |
| | | 50 | 0 | 20.95 | 19.95 | PASS |

| Modulation | Channel | RB Configuration | | Average Power [dBm] | Average Power [dBm] | Verdict |
| --- | --- | --- | --- | --- | --- | --- |
| | | Size | Offset | QPSK | 16QAM | |
| QPSK / 16QAM | LCH | 1 | 0 | 21.99 | 21.27 | PASS |
| | | 1 | 37 | 22.19 | 21.54 | PASS |
| | | 1 | 74 | 21.86 | 21.10 | PASS |
| | | 37 | 0 | 21.03 | 20.11 | PASS |
| | | 37 | 18 | 21.08 | 20.05 | PASS |
| | | 37 | 38 | 21.08 | 20.06 | PASS |
| | | 75 | 0 | 21.08 | 20.07 | PASS |
| | MCH | 1 | 0 | 21.85 | 21.12 | PASS |
| | | 1 | 37 | 22.11 | 21.36 | PASS |
| | | 1 | 74 | 21.67 | 20.96 | PASS |
| | | 37 | 0 | 21.03 | 20.00 | PASS |
| | | 37 | 18 | 20.99 | 19.98 | PASS |
| | | 37 | 38 | 20.85 | 19.82 | PASS |
| | | 75 | 0 | 21.01 | 19.92 | PASS |
| | HCH | 1 | 0 | 21.70 | 21.03 | PASS |
| | | 1 | 37 | 22.15 | 21.34 | PASS |
| | | 1 | 74 | 22.01 | 21.26 | PASS |
| | | 37 | 0 | 20.83 | 19.86 | PASS |
| | | 37 | 18 | 21.03 | 20.03 | PASS |
| | | 37 | 38 | 21.03 | 20.01 | PASS |
| | | 75 | 0 | 20.99 | 19.92 | PASS |

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

| Conducted Output Power Test Result (Channel Bandwidth: 20 MHz) | | | | | |
|---|---|---|---|---|---|
| Modulation | Channel | RB Configuration | | Average Power [dBm] | Average Power [dBm] | Verdict |
| | | Size | Offset | QPSK | 16QAM | |
| QPSK / 16QAM | LCH | 1 | 0 | 22.02 | 21.23 | PASS |
| | | 1 | 49 | **22.27** | **21.44** | PASS |
| | | 1 | 99 | 21.89 | 21.04 | PASS |
| | | 50 | 0 | 20.91 | 19.91 | PASS |
| | | 50 | 25 | 21.03 | 19.98 | PASS |
| | | 50 | 50 | 21.06 | 20.08 | PASS |
| | | 100 | 0 | 21.02 | 20.03 | PASS |
| | MCH | 1 | 0 | 21.93 | 21.11 | PASS |
| | | 1 | 49 | 22.19 | 21.35 | PASS |
| | | 1 | 99 | 21.63 | 20.83 | PASS |
| | | 50 | 0 | 21.02 | 19.97 | PASS |
| | | 50 | 25 | 20.95 | 19.95 | PASS |
| | | 50 | 50 | 20.69 | 19.68 | PASS |
| | | 100 | 0 | 20.86 | 19.85 | PASS |
| | HCH | 1 | 0 | 21.70 | 21.04 | PASS |
| | | 1 | 49 | 22.10 | 21.41 | PASS |
| | | 1 | 99 | 21.98 | 21.28 | PASS |
| | | 50 | 0 | 20.74 | 19.75 | PASS |
| | | 50 | 25 | 20.90 | 19.92 | PASS |
| | | 50 | 50 | 20.78 | 19.84 | PASS |
| | | 100 | 0 | 20.79 | 19.78 | PASS |

## A.2 Peak-to-Average Ratio

| Peak-to Average Ratio Test Result (Channel Bandwidth: 1.4 MHz) | | | | |
|---|---|---|---|---|
| Modulation | Channel | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| QPSK | LCH | 5.62 | <13 | PASS |
| | MCH | 5.24 | <13 | PASS |
| | HCH | 5.07 | <13 | PASS |
| 16QAM | LCH | 6.64 | <13 | PASS |
| | MCH | 6.17 | <13 | PASS |
| | HCH | 6 | <13 | PASS |

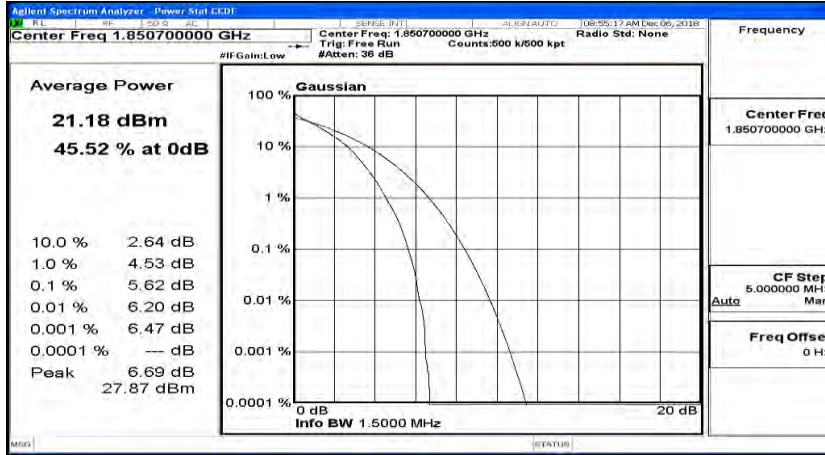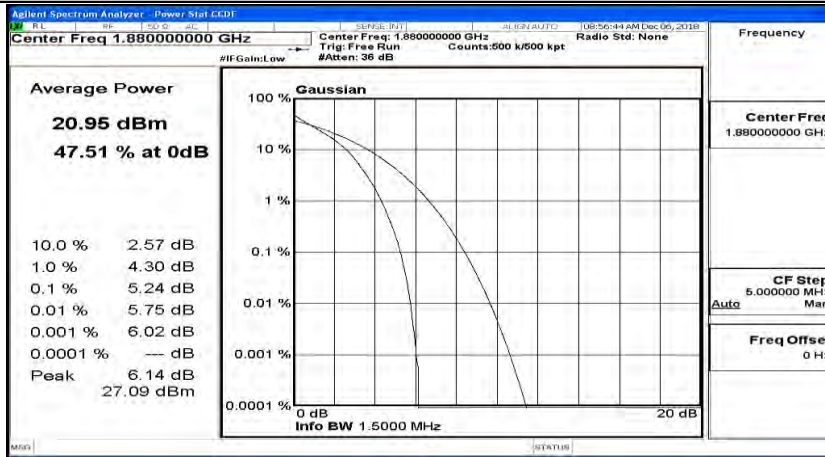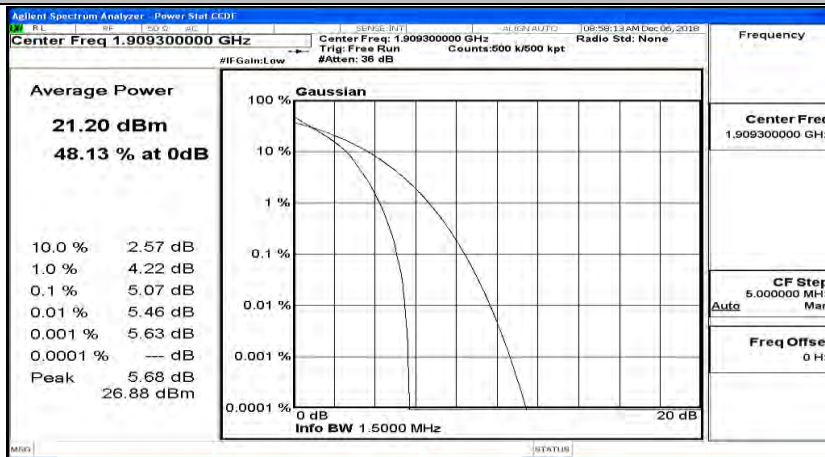| Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz) | | | | |
|---|---|---|---|---|
| Modulation | Channel | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| QPSK | LCH | 5.67 | <13 | PASS |
| | MCH | 5.36 | <13 | PASS |
| | HCH | 5.21 | <13 | PASS |
| 16QAM | LCH | 6.59 | <13 | PASS |
| | MCH | 6.2 | <13 | PASS |
| | HCH | 5.93 | <13 | PASS |

| Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz) | | | | |
|---|---|---|---|---|
| Modulation | Channel | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| QPSK | LCH | 5.7 | <13 | PASS |
| | MCH | 5.44 | <13 | PASS |
| | HCH | 5.13 | <13 | PASS |
| 16QAM | LCH | 6.5 | <13 | PASS |
| | MCH | 6.24 | <13 | PASS |
| | HCH | 5.96 | <13 | PASS |

| Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz) | | | | |
|---|---|---|---|---|
| Modulation | Channel | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| QPSK | LCH | 5.75 | <13 | PASS |
| | MCH | 5.47 | <13 | PASS |
| | HCH | 5.23 | <13 | PASS |
| 16QAM | LCH | 6.44 | <13 | PASS |
| | MCH | 6.18 | <13 | PASS |
| | HCH | 5.96 | <13 | PASS |

| Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz) | | | | |
|---|---|---|---|---|
| Modulation | Channel | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| QPSK | LCH | 5.1 | <13 | PASS |
| | MCH | 4.94 | <13 | PASS |
| | HCH | 4.92 | <13 | PASS |
| 16QAM | LCH | 6.38 | <13 | PASS |
| | MCH | 6.23 | <13 | PASS |
| | HCH | 6.14 | <13 | PASS |

| Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz) | | | | |
|---|---|---|---|---|
| Modulation | Channel | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| QPSK | LCH | 5.71 | <13 | PASS |
| | MCH | 5.69 | <13 | PASS |
| | HCH | 5.72 | <13 | PASS |
| 16QAM | LCH | 6.81 | <13 | PASS |
| | MCH | 6.77 | <13 | PASS |
| | HCH | 6.69 | <13 | PASS |

| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK |
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| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK |
|---|



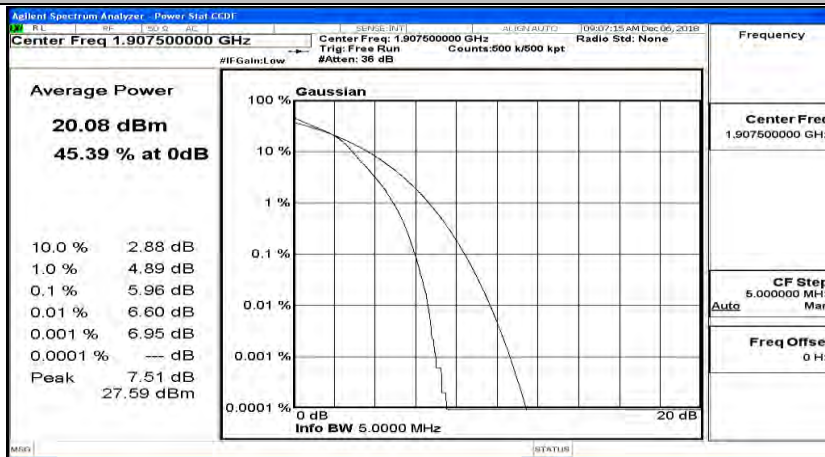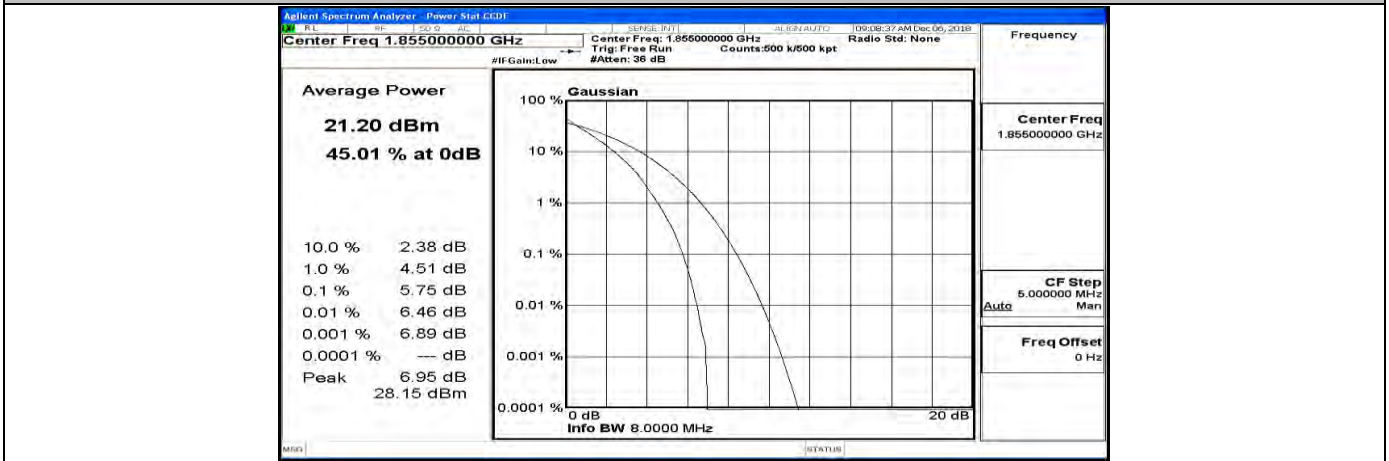| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK |
|---|

Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM
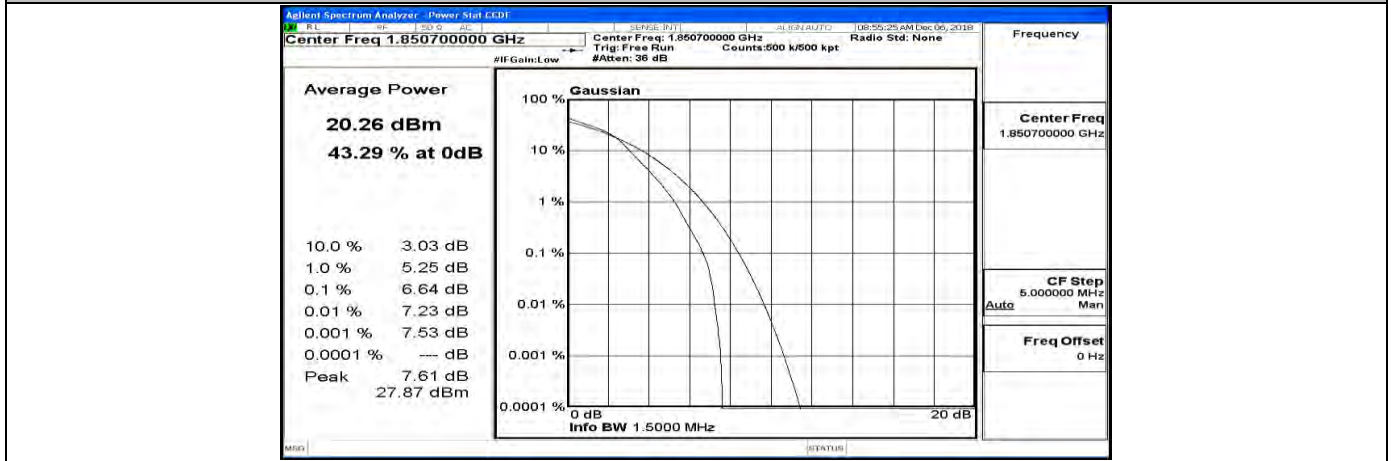


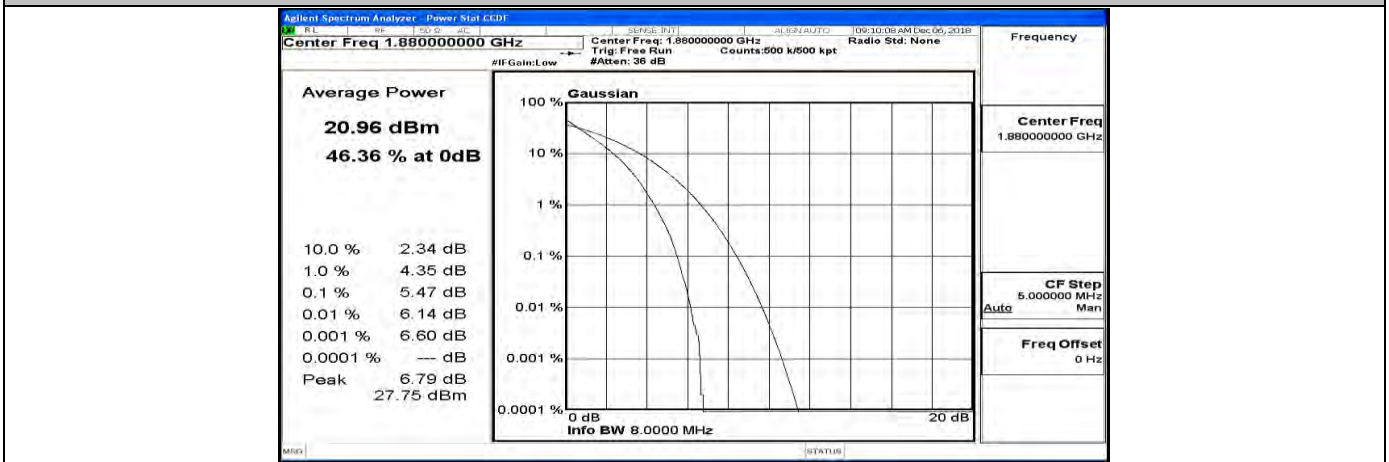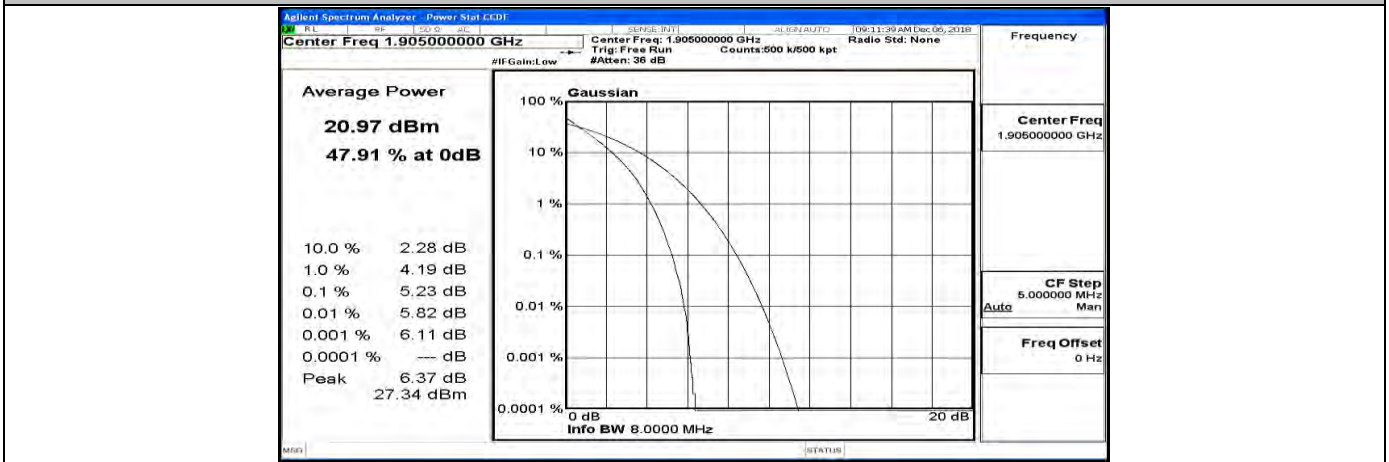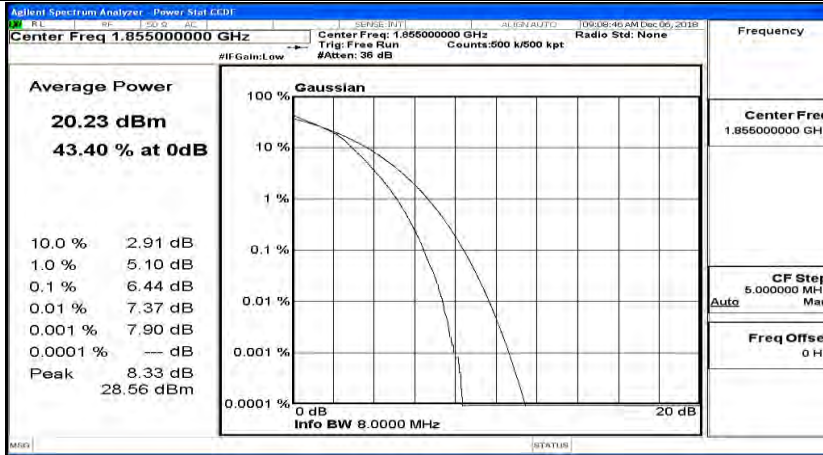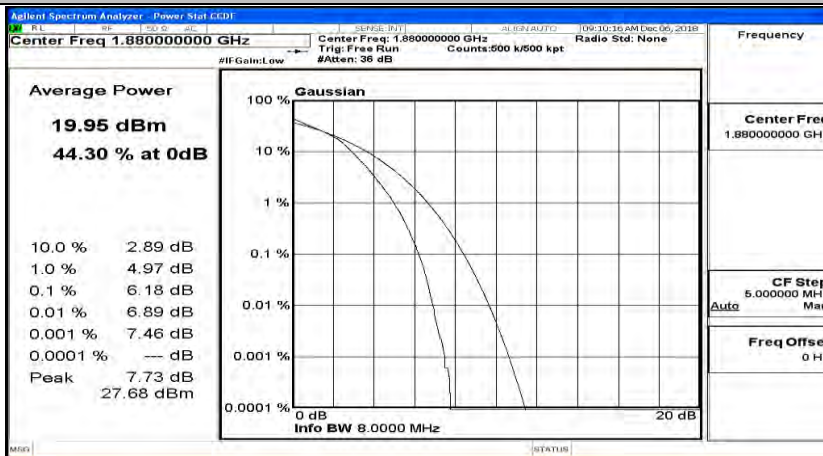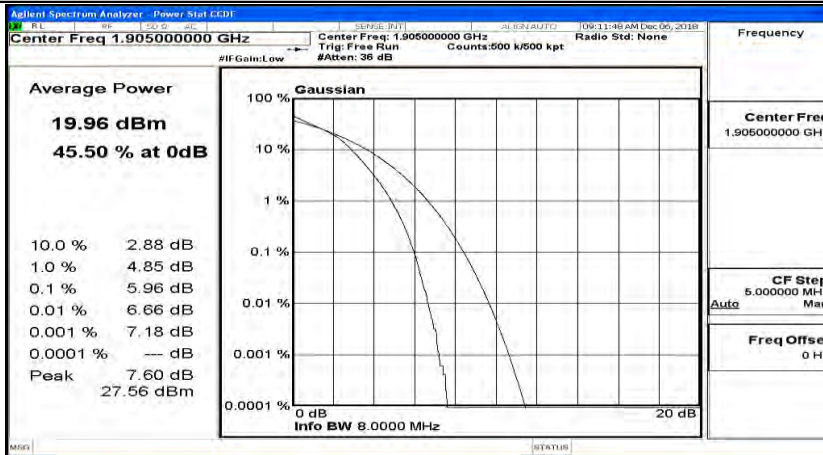Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM
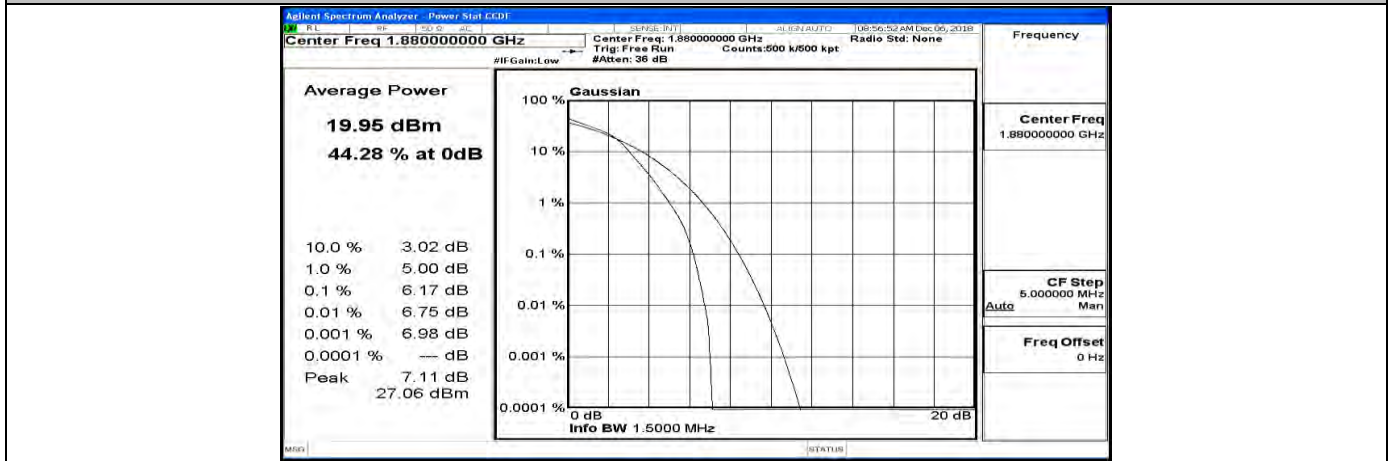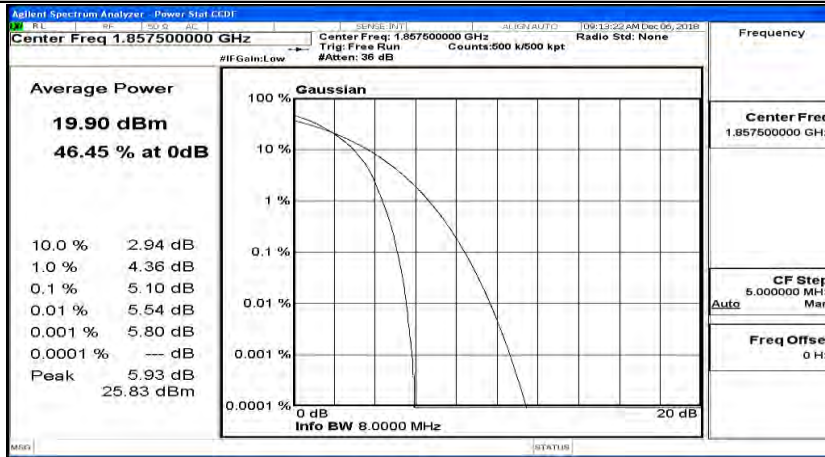


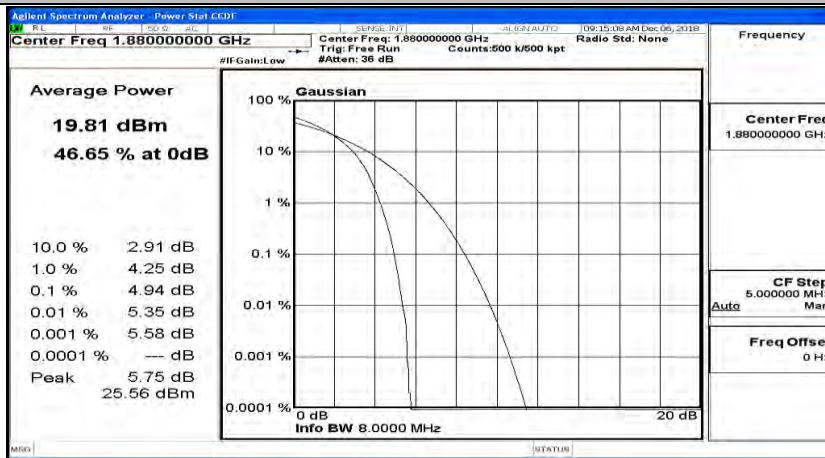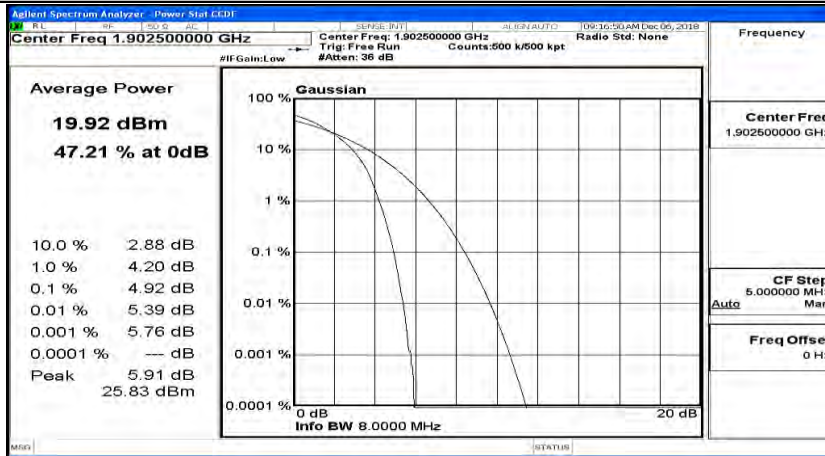Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM
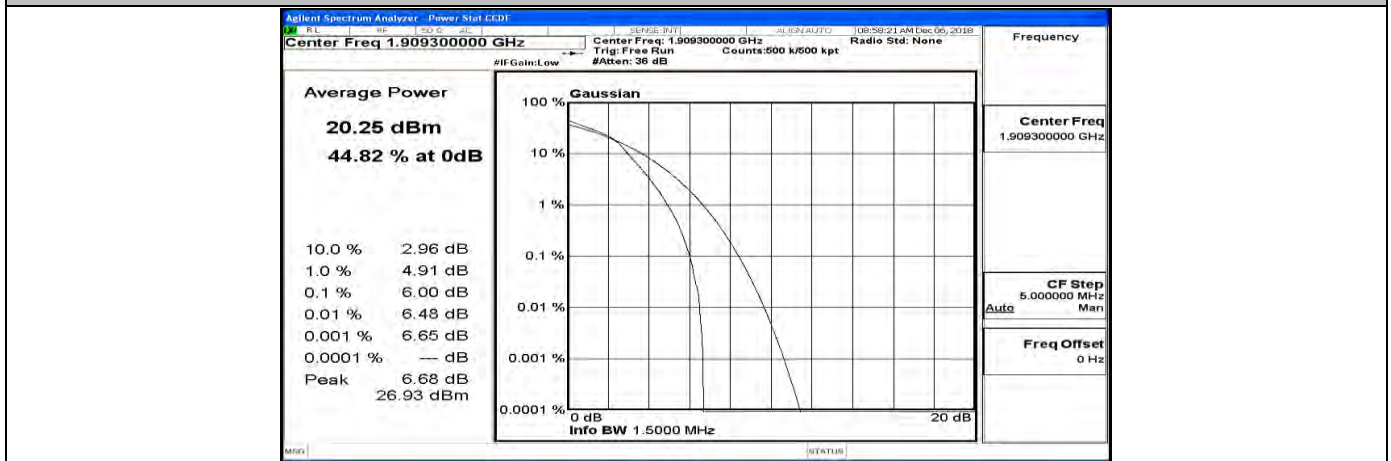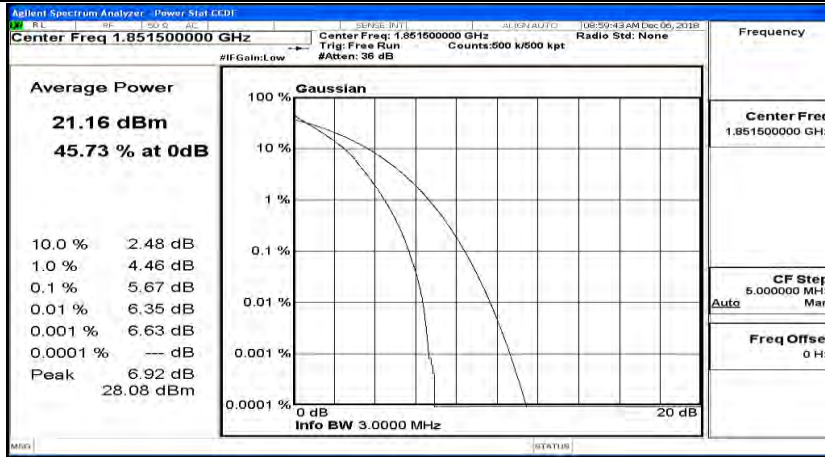
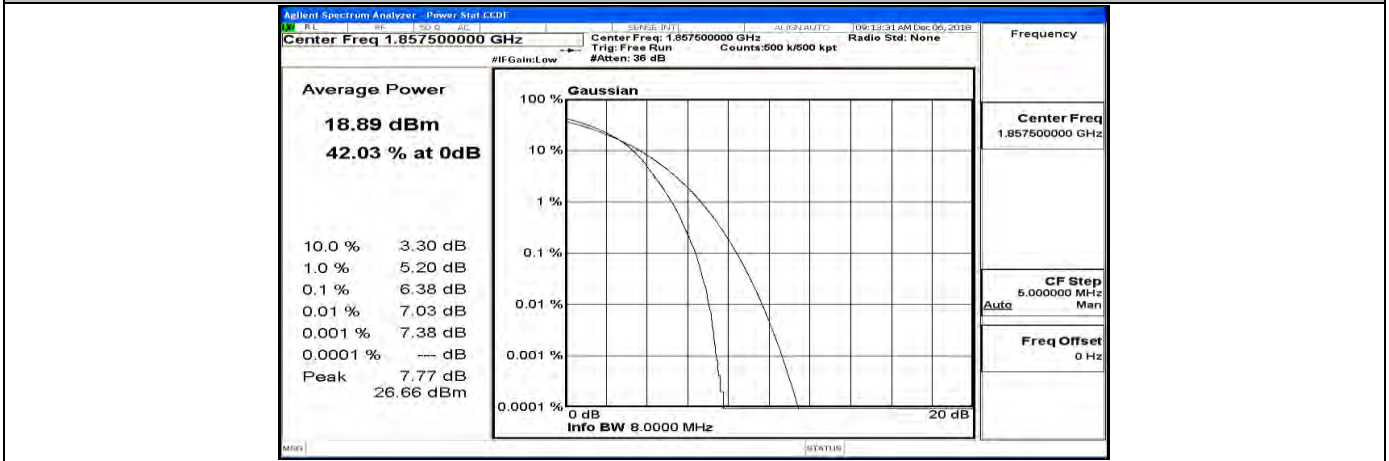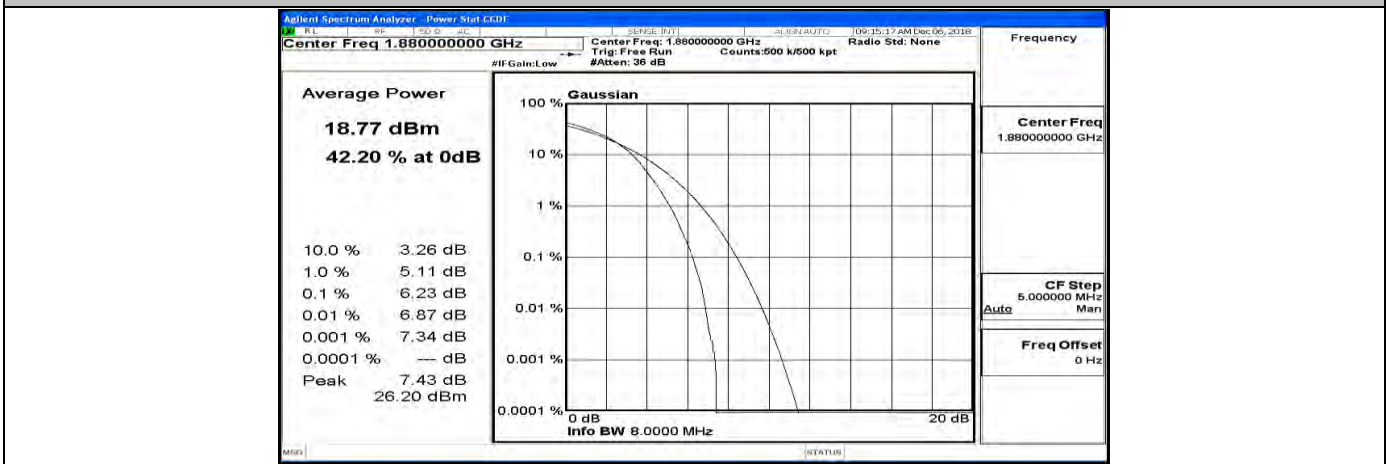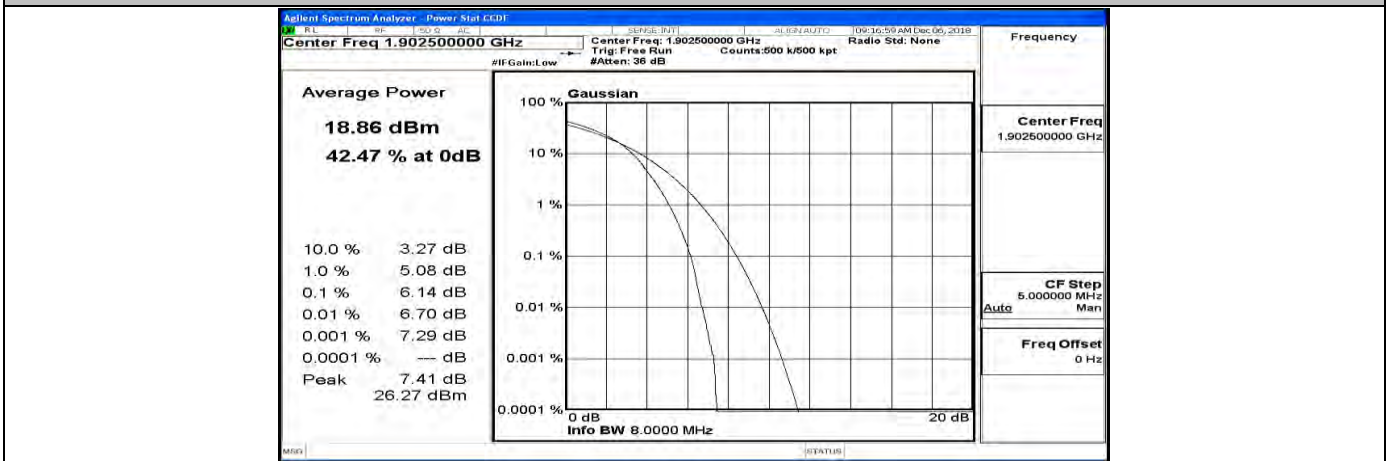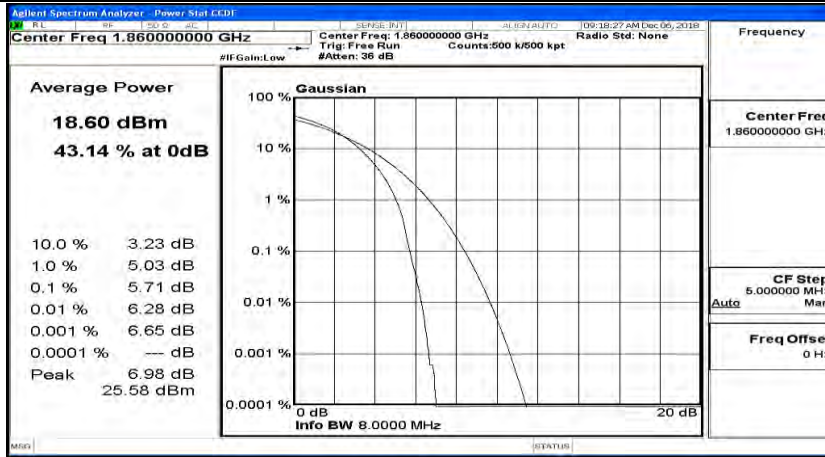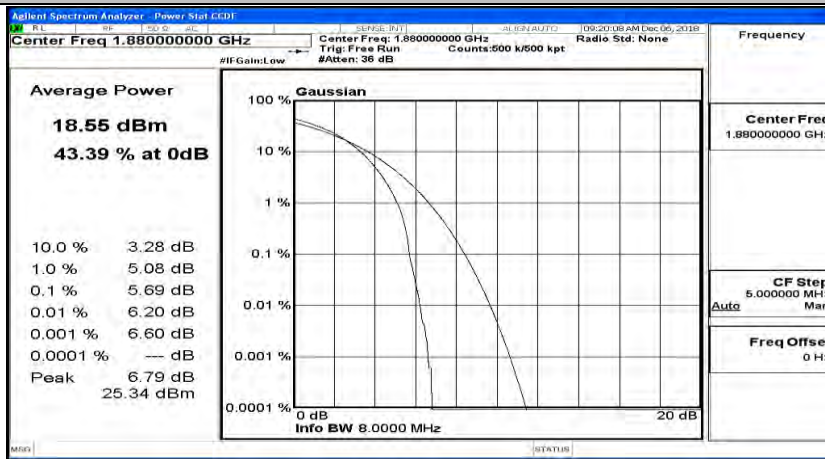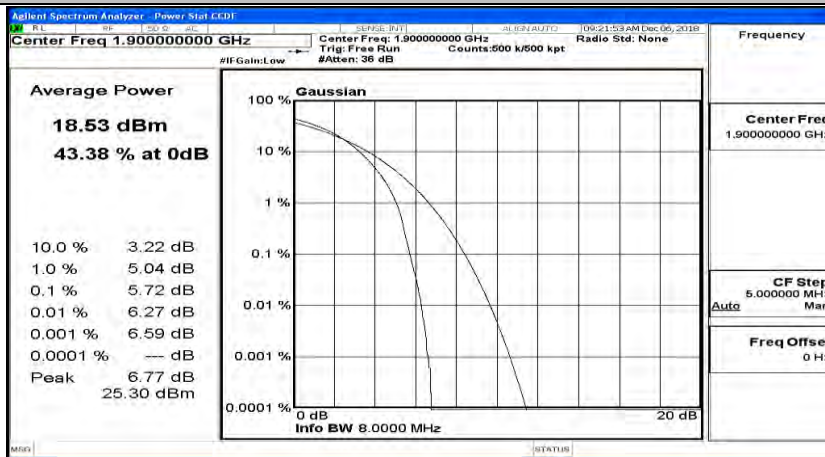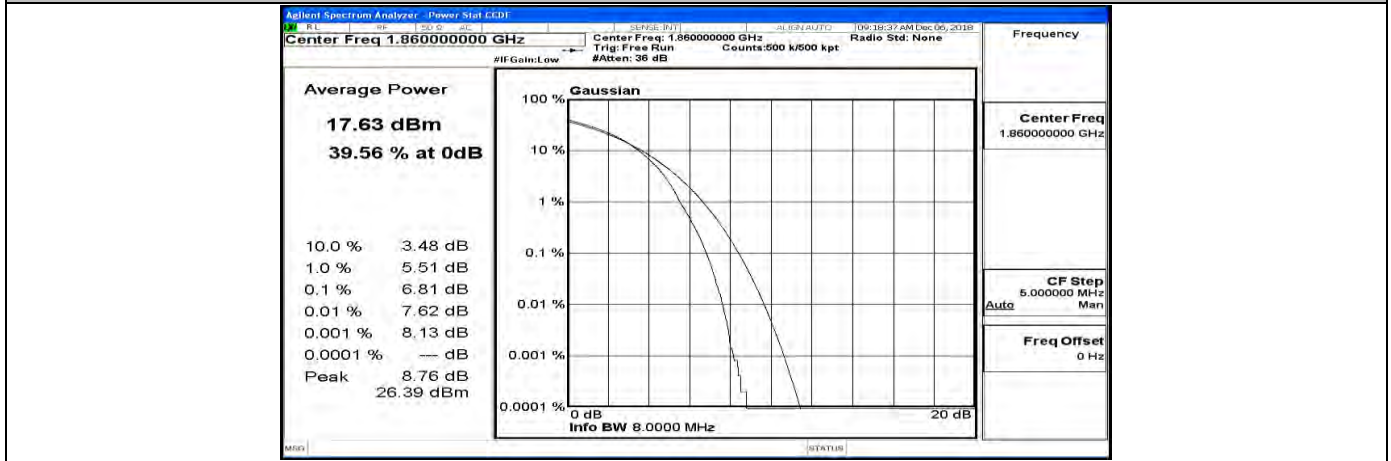| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK |
|---|



| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK |
|---|



| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK |
|---|

| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM |
|---|
|  |

| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM |
|---|
|  |

| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM |
|---|
|  |

| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK |
|---|



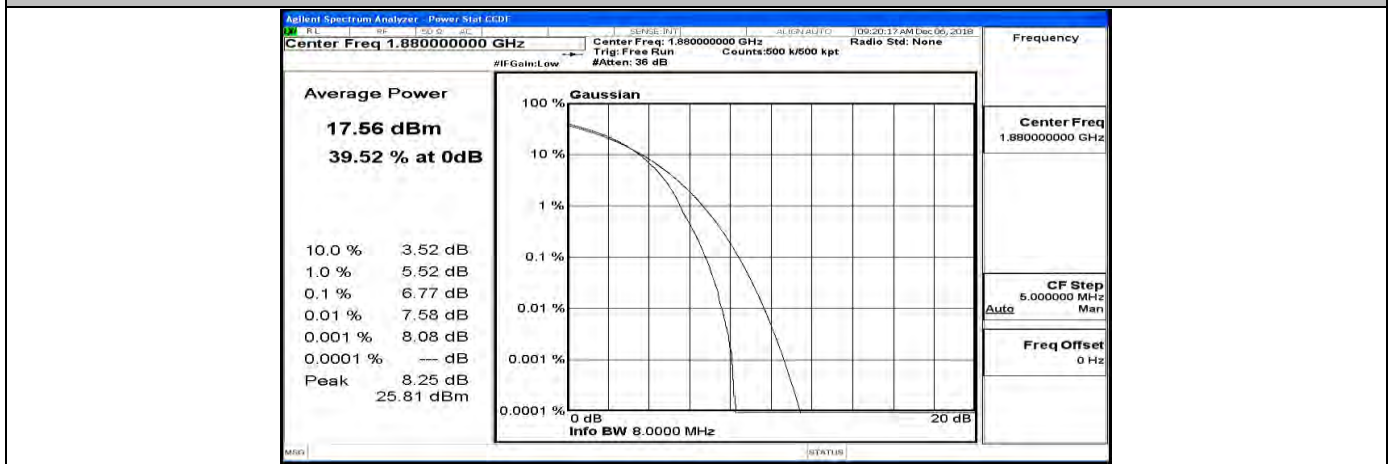| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK |
|---|



| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK |
|---|

| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM |
|---|



| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM |
|---|



| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM |
|---|

| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK |
|---|



| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK |
|---|



| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK |
|---|

| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM |
|---|



| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM |
|---|



| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM |
|---|
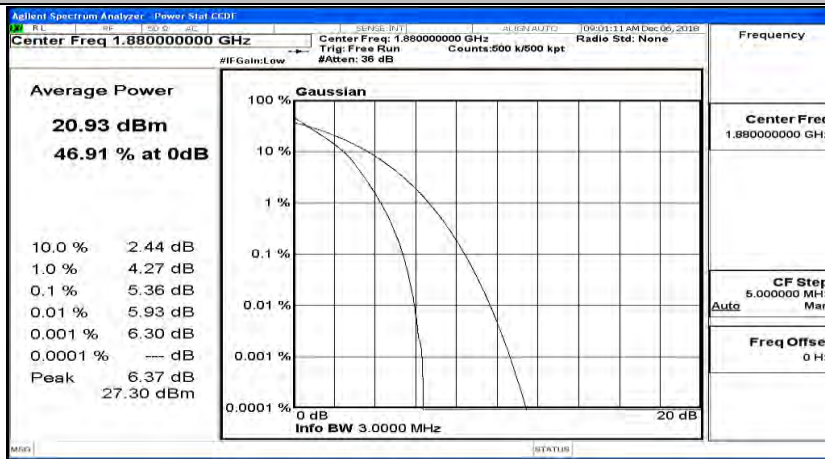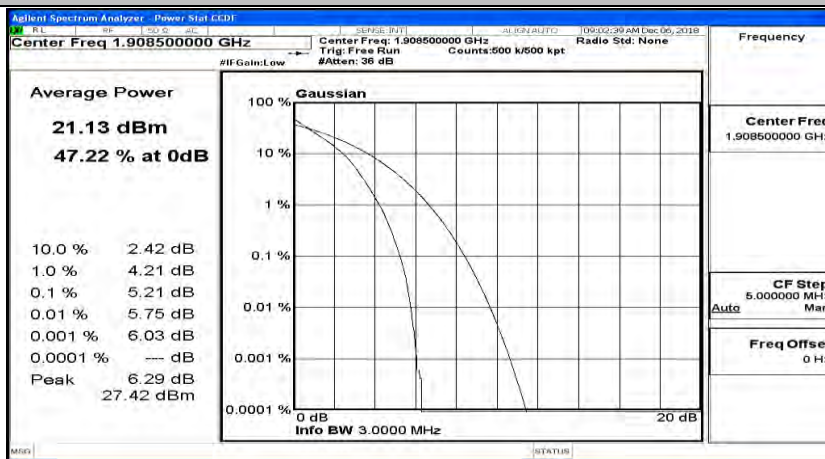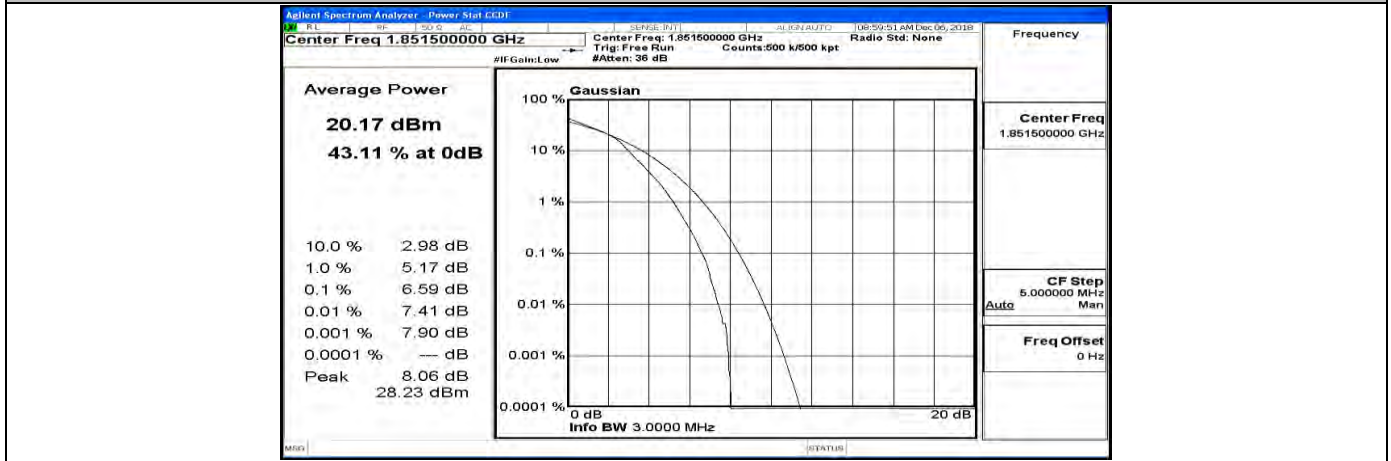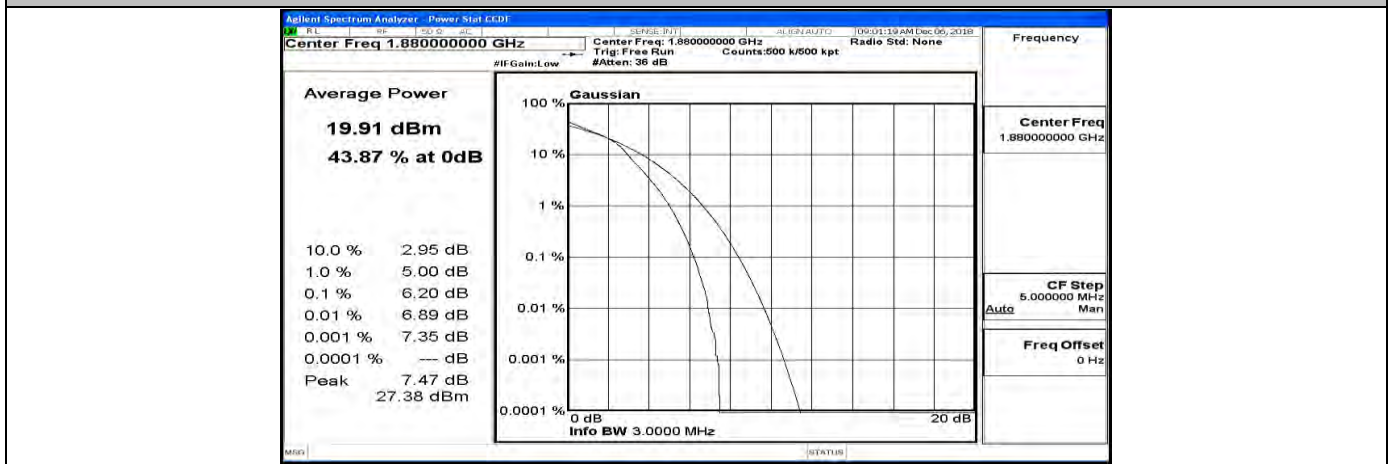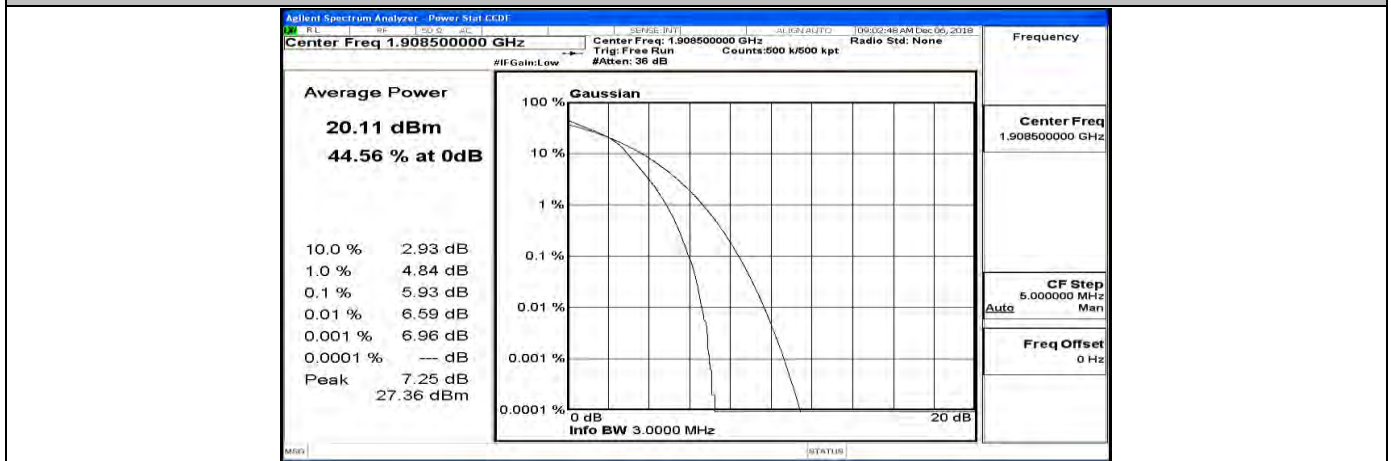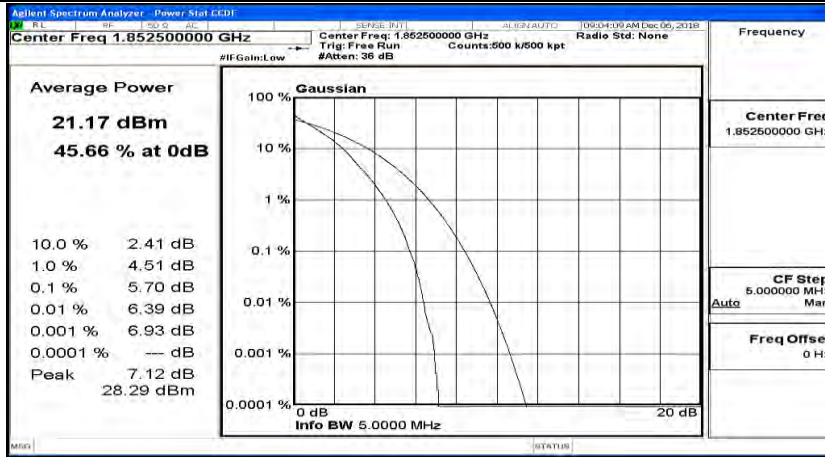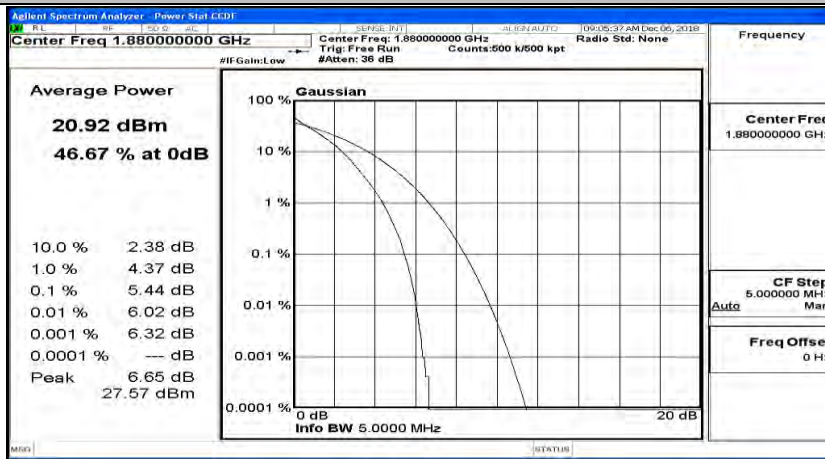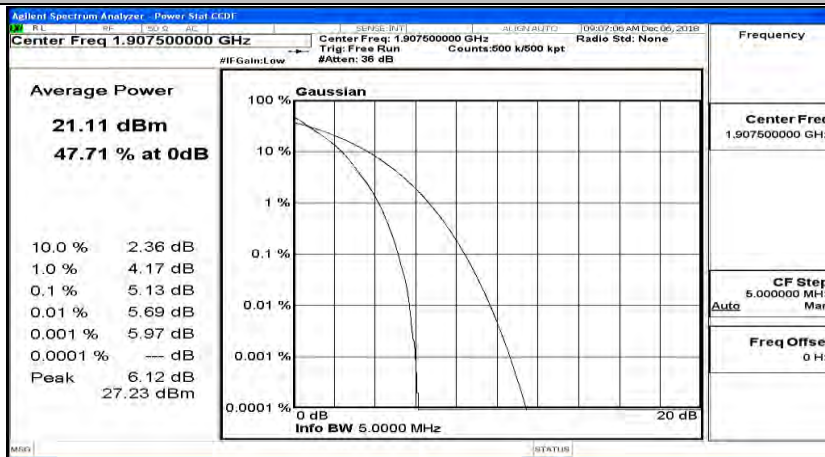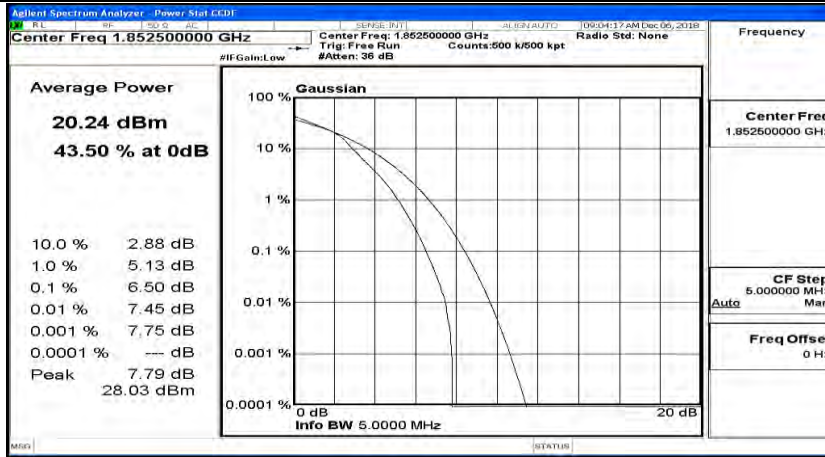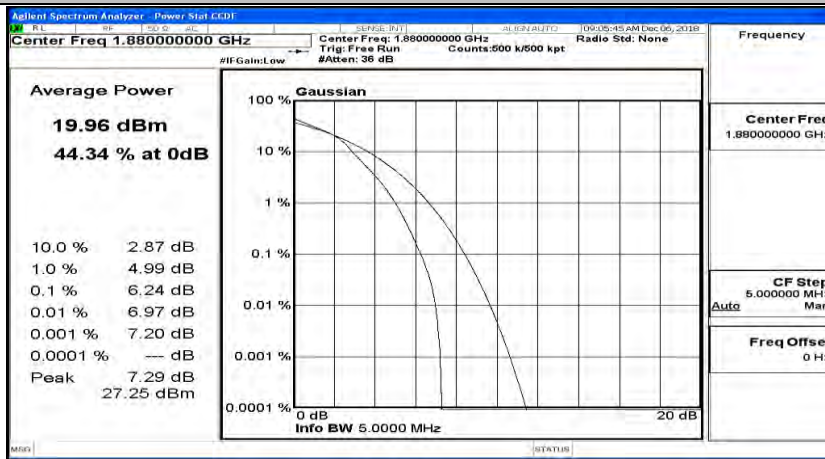
## Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



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



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

| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM |
|---|



| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM |
|---|



| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM |
|---|

| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK |
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| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK |
|---|



| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK |
|---|

| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM |
|---|



| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_16QAM |
|---|



| Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM |
|---|
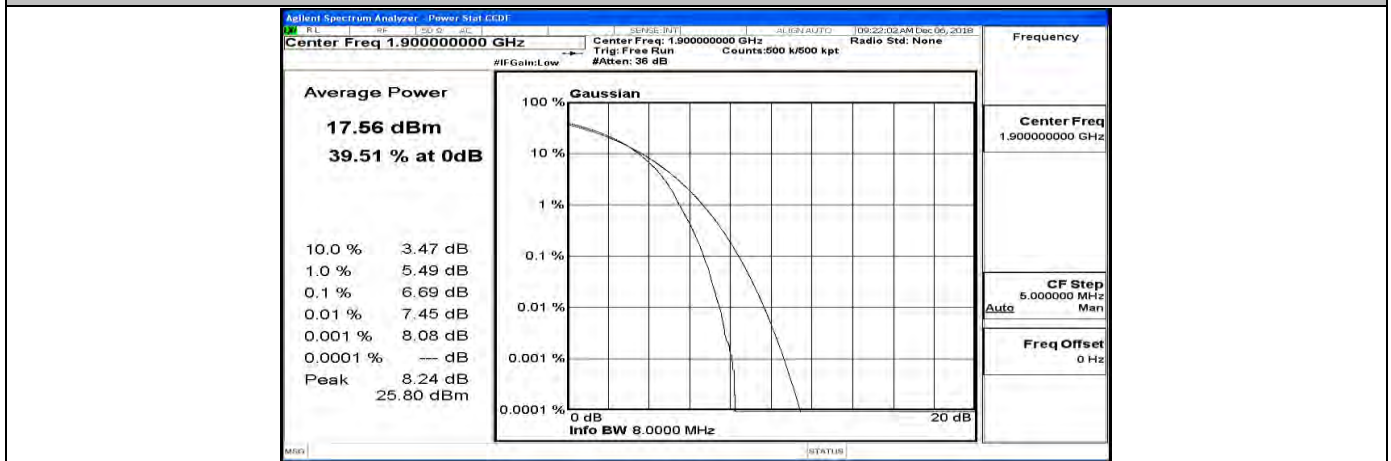
## A.3 26dB Bandwidth and Occupied Bandwidth

| EBW & OBW Test Result (Channel Bandwidth: 1.4 MHz) | | | | |
|---|---|---|---|---|
| Modulation | Channel | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| QPSK | LCH | 1.0763 | 1.230 | PASS |
| | MCH | 1.0731 | 1.226 | PASS |
| | HCH | 1.0768 | 1.233 | PASS |
| 16QAM | LCH | 1.0781 | 1.228 | PASS |
| | MCH | 1.0792 | 1.238 | PASS |
| | HCH | 1.0750 | 1.233 | PASS |

| EBW & OBW Test Result (Channel Bandwidth: 3 MHz) | | | | |
|---|---|---|---|---|
| Modulation | Channel | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| QPSK | LCH | 2.6763 | 2.821 | PASS |
| | MCH | 2.6774 | 2.826 | PASS |
| | HCH | 2.6809 | 2.828 | PASS |
| 16QAM | LCH | 2.6800 | 2.824 | PASS |
| | MCH | 2.6756 | 2.834 | PASS |
| | HCH | 2.6810 | 2.829 | PASS |

| EBW & OBW Test Result (Channel Bandwidth: 5 MHz) | | | | |
|---|---|---|---|---|
| Modulation | Channel | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| QPSK | LCH | 4.4808 | 4.864 | PASS |
| | MCH | 4.4762 | 4.863 | PASS |
| | HCH | 4.4717 | 4.869 | PASS |
| 16QAM | LCH | 4.4718 | 4.869 | PASS |
| | MCH | 4.4742 | 4.863 | PASS |
| | HCH | 4.4810 | 4.838 | PASS |

| EBW & OBW Test Result (Channel Bandwidth: 10 MHz) | | | | |
|---|---|---|---|---|
| Modulation | Channel | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| QPSK | LCH | 8.9492 | 9.479 | PASS |
| | MCH | 8.9422 | 9.465 | PASS |
| | HCH | 8.9195 | 9.440 | PASS |
| 16QAM | LCH | 8.9438 | 9.494 | PASS |
| | MCH | 8.9404 | 9.561 | PASS |
| | HCH | 8.9387 | 9.466 | PASS |

| EBW & OBW Test Result (Channel Bandwidth: 15 MHz) | | | | |
|---|---|---|---|---|
| Modulation | Channel | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| QPSK | LCH | 13.405 | 14.14 | PASS |
| | MCH | 13.396 | 14.16 | PASS |
| | HCH | 13.364 | 14.01 | PASS |
| 16QAM | LCH | 13.413 | 14.18 | PASS |
| | MCH | 13.402 | 14.11 | PASS |
| | HCH | 13.366 | 14.06 | PASS |

| EBW & OBW Test Result (Channel Bandwidth: 20 MHz) | | | | |
|---|---|---|---|---|
| Modulation | Channel | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| QPSK | LCH | 17.870 | 18.59 | PASS |
| | MCH | 17.831 | 18.71 | PASS |
| | HCH | 17.833 | 18.63 | PASS |
| 16QAM | LCH | 17.864 | 18.63 | PASS |
| | MCH | 17.852 | 18.57 | PASS |
| | HCH | 17.839 | 18.61 | PASS |

| EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK |
|---|



| EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK |
|---|



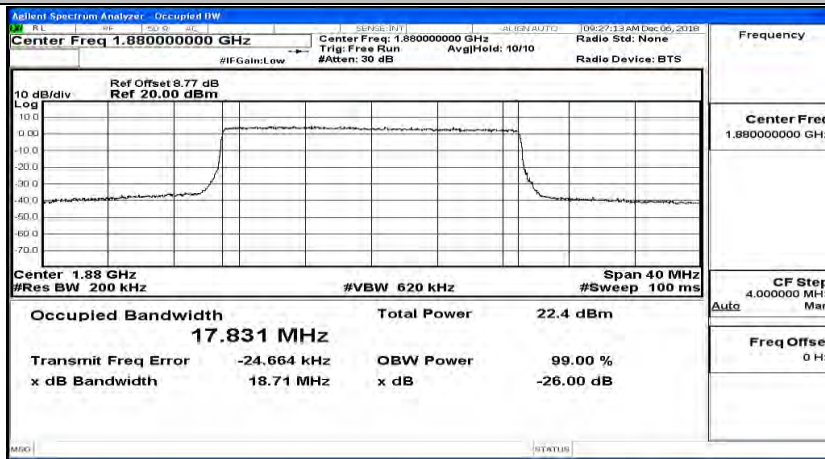| EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK |
|---|
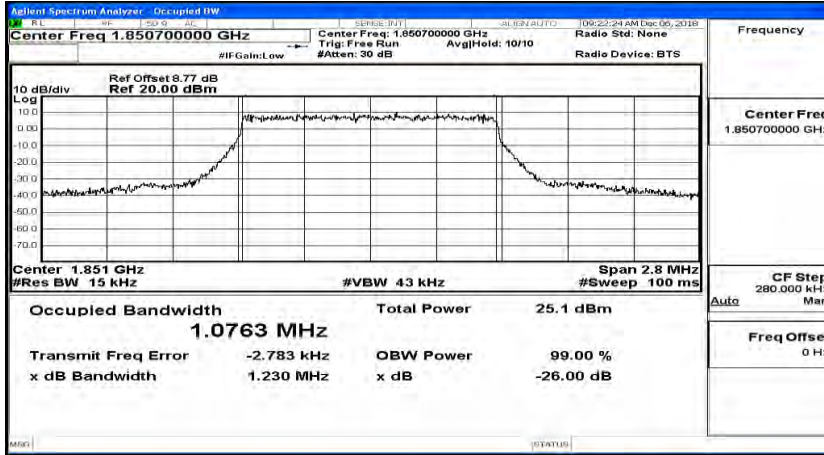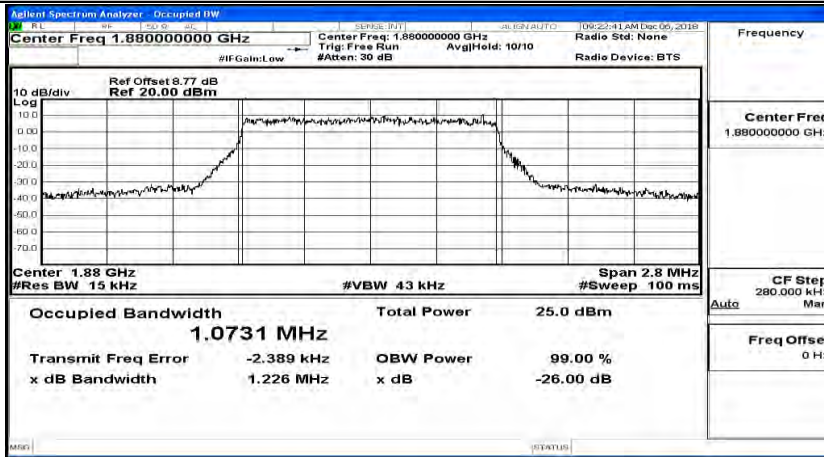


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*Page 23 of 78*
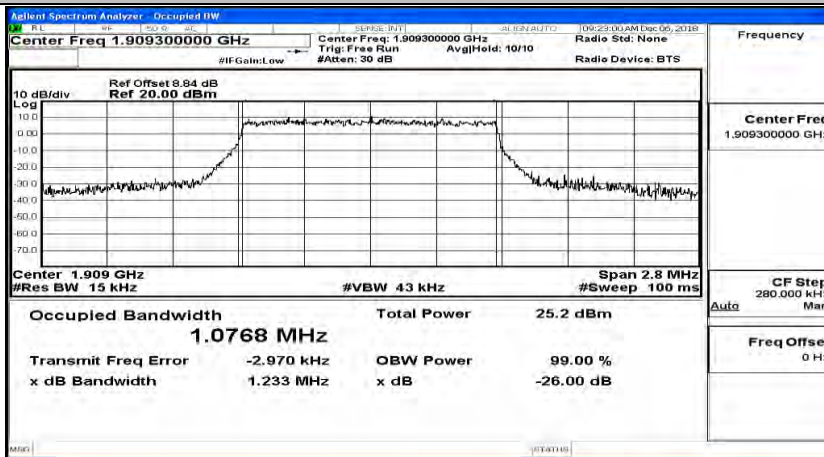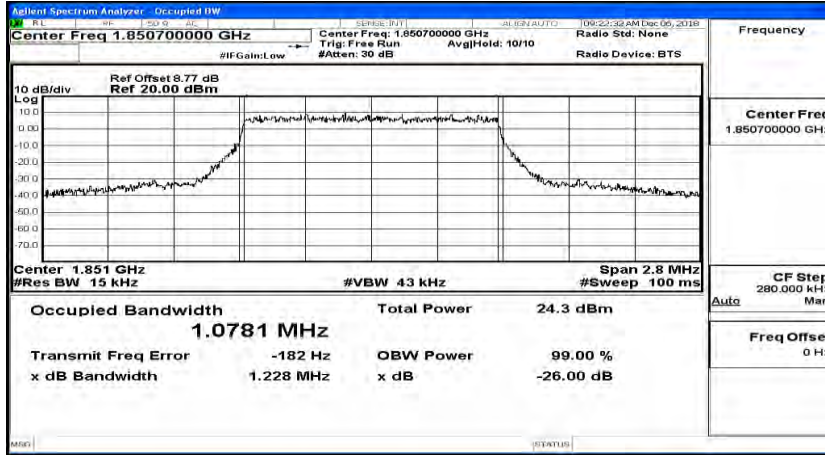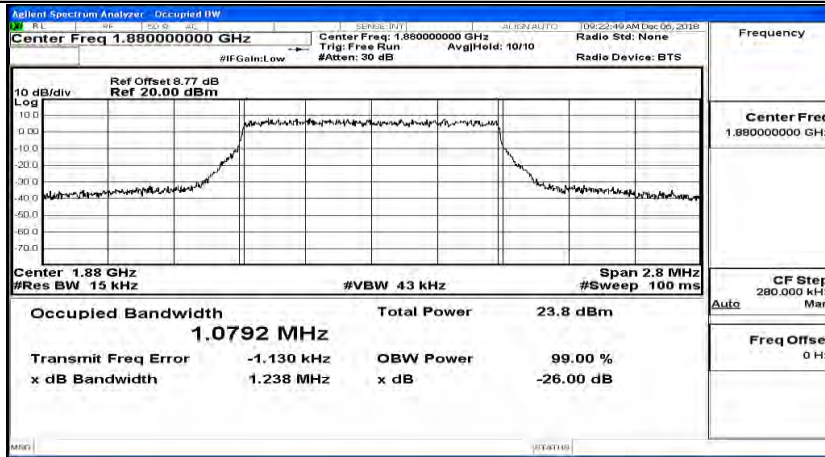
| EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM |
|---|



| EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM |
|---|



| EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM |
|---|

| EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK |
|---|



| EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK |
|---|



| EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK |
|---|

| EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM |
|---|



| EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM |
|---|



| EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM |
|---|

| EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK |
|---|



| EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK |
|---|



| EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK |
|---|

| EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM |
|---|



| EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM |
|---|



| EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM |
|---|

| EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK |
|---|



| EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK |
|---|



| EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK |
|---|

| EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM |
|---|



| EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM |
|---|



| EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM |
|---|

| EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK |
|---|



| EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK |
|---|



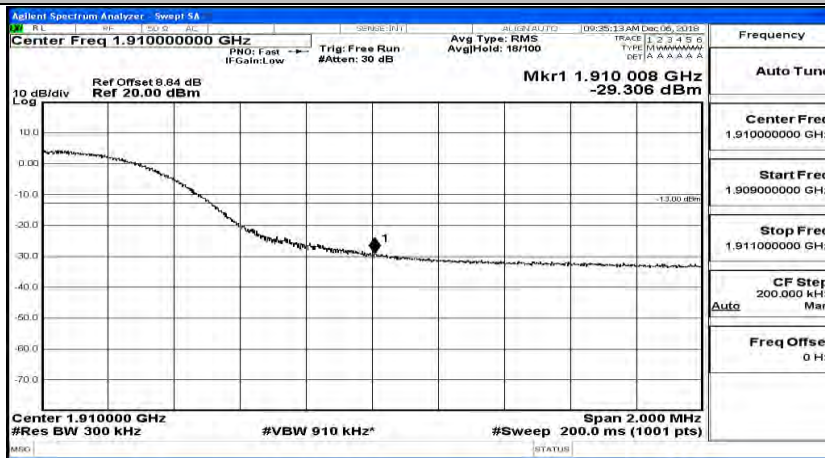| EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK |
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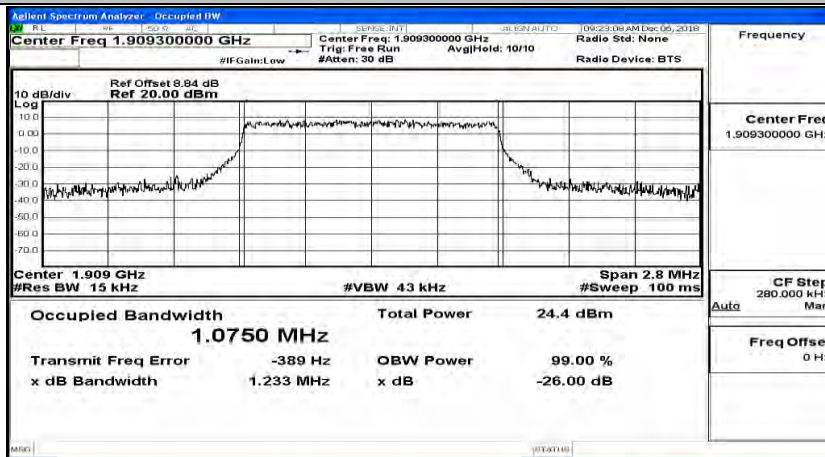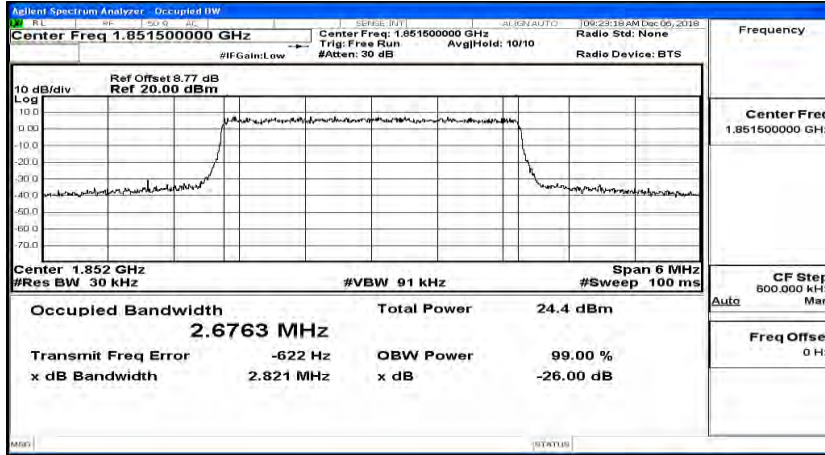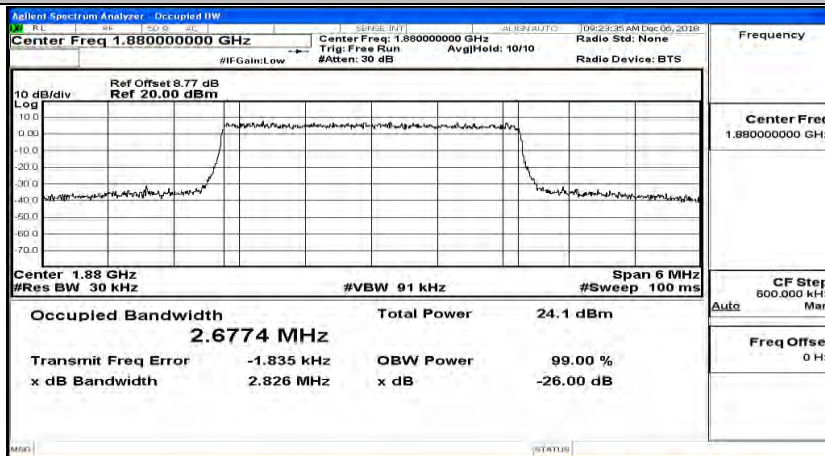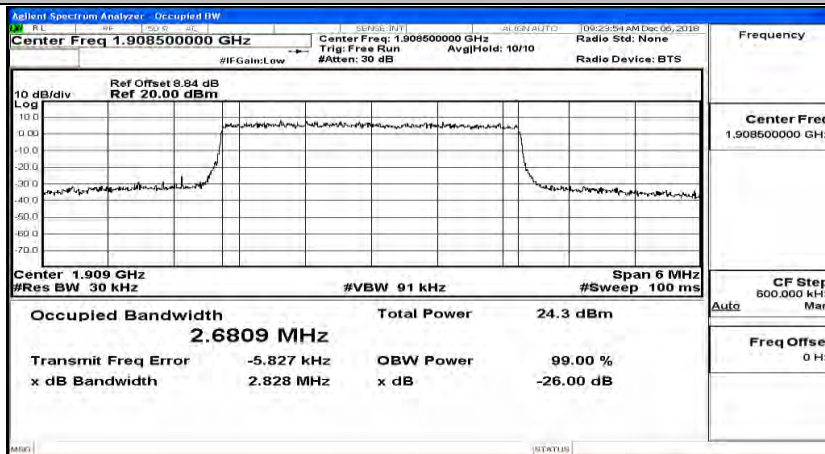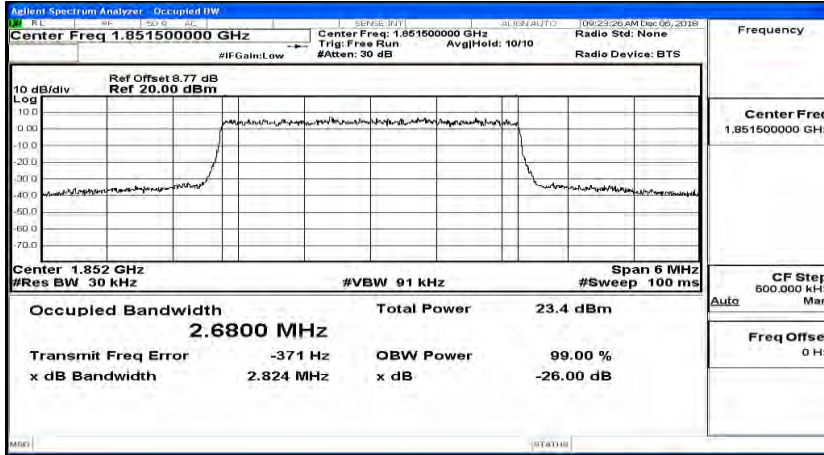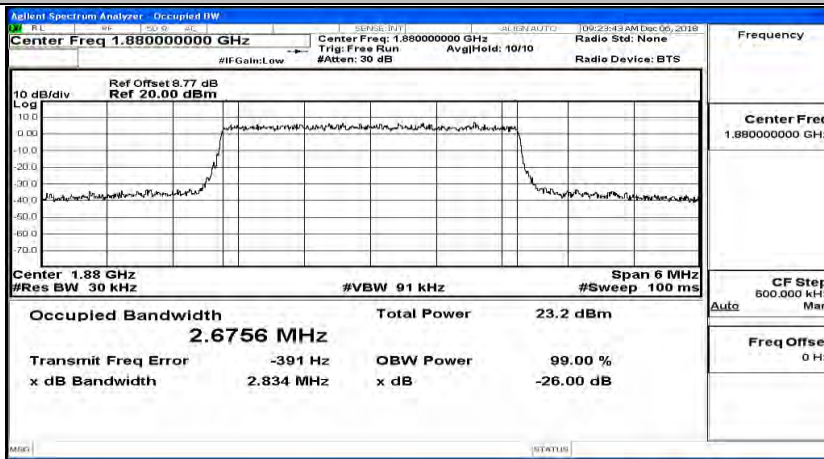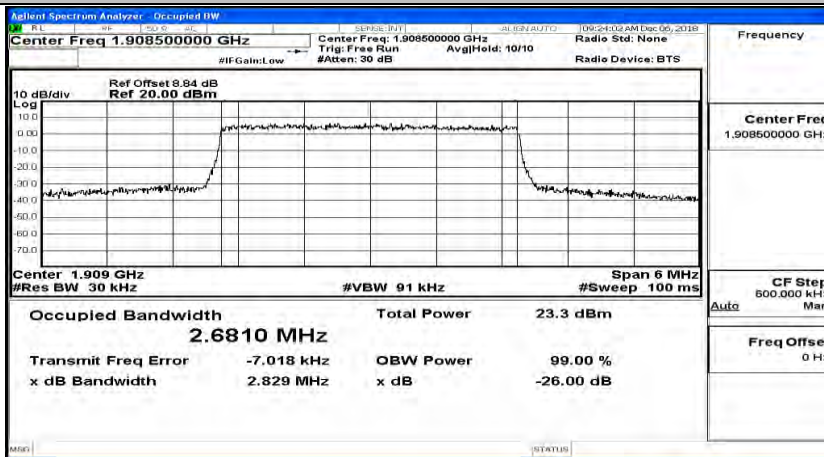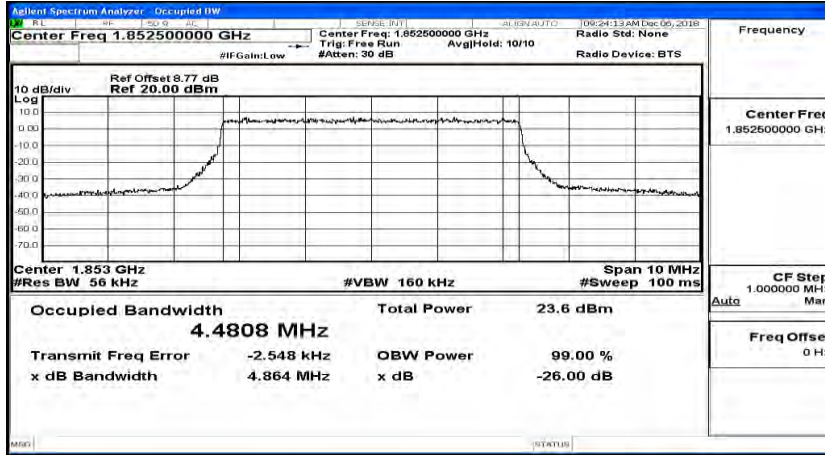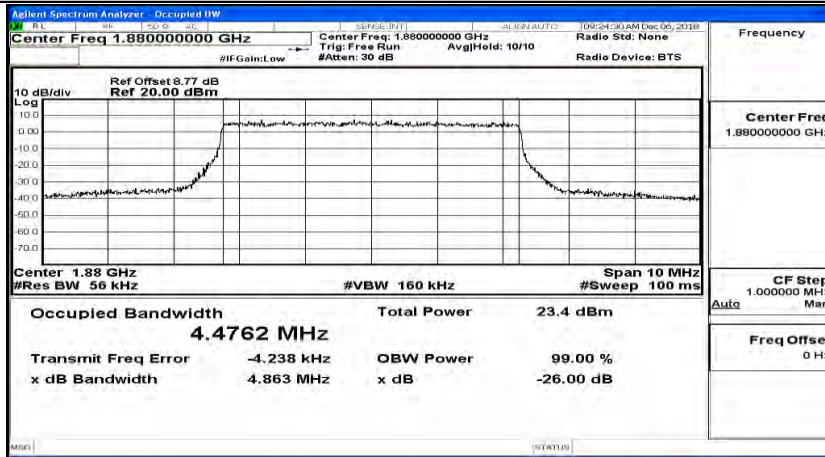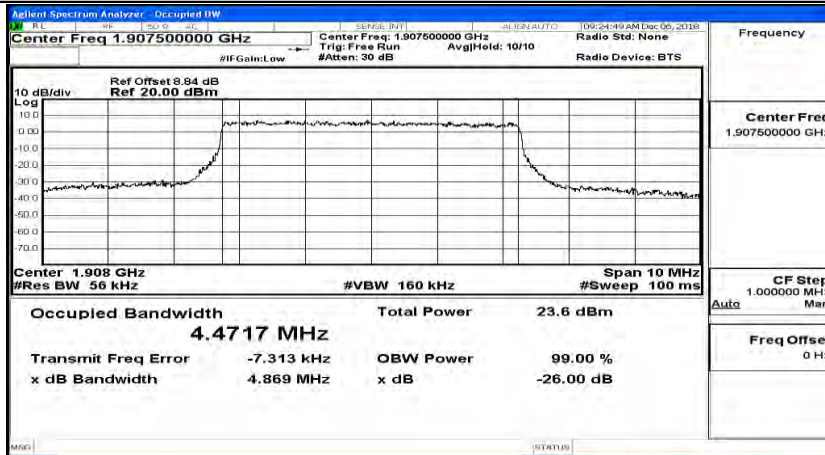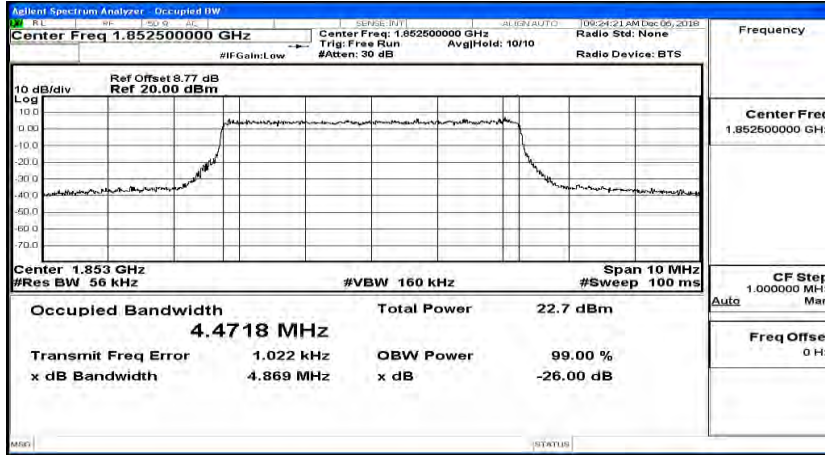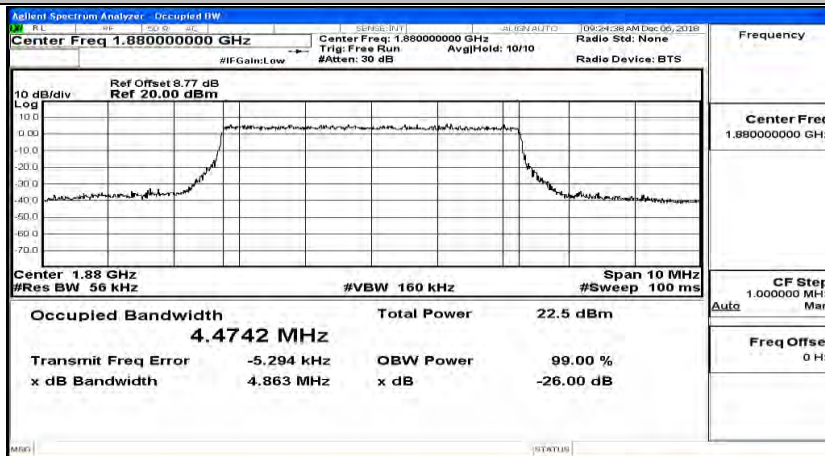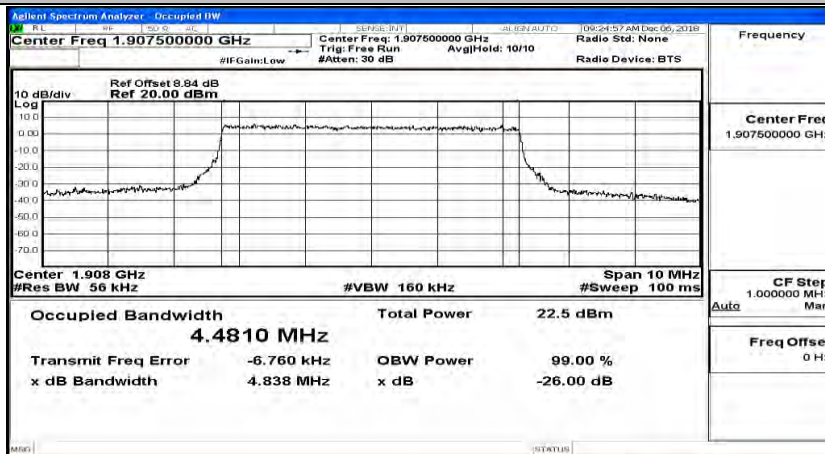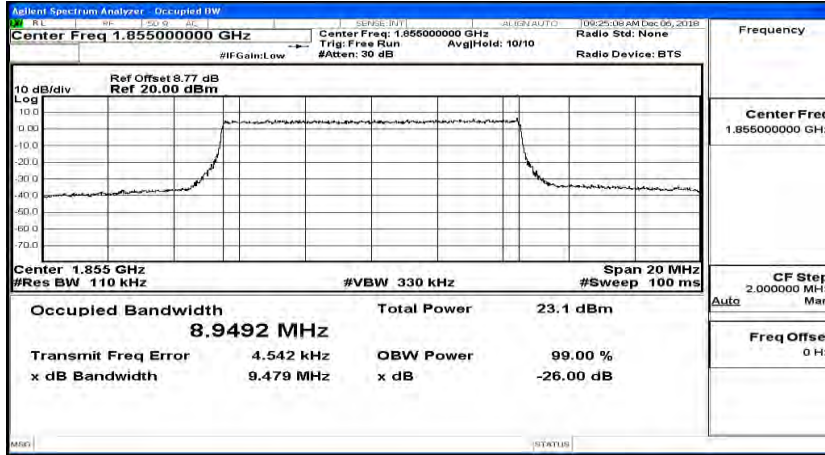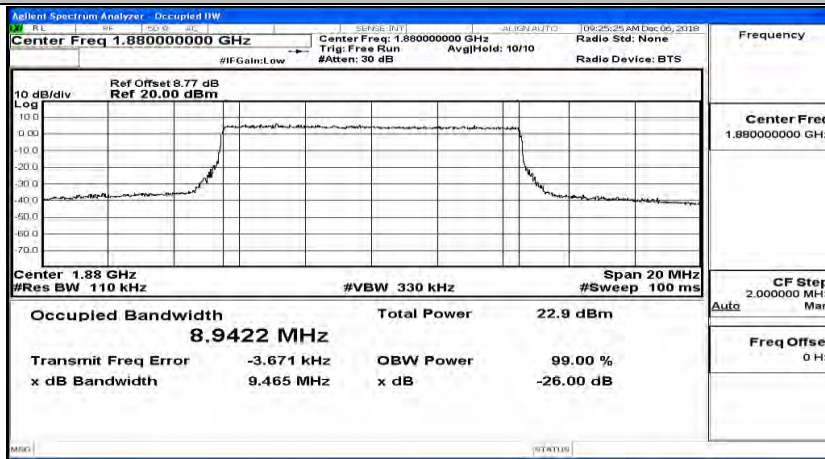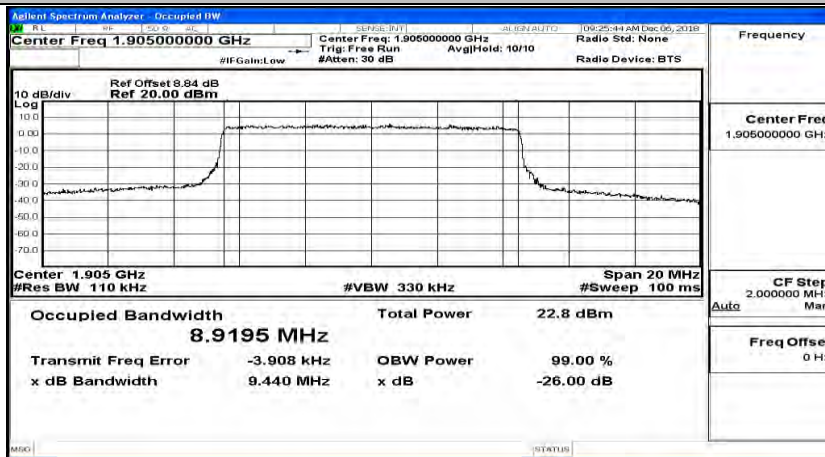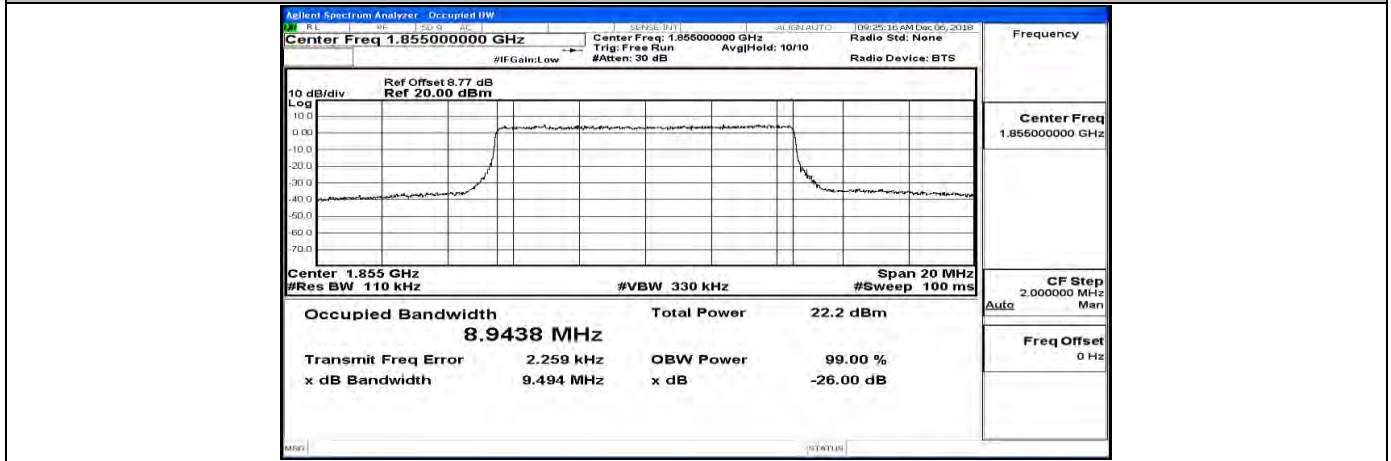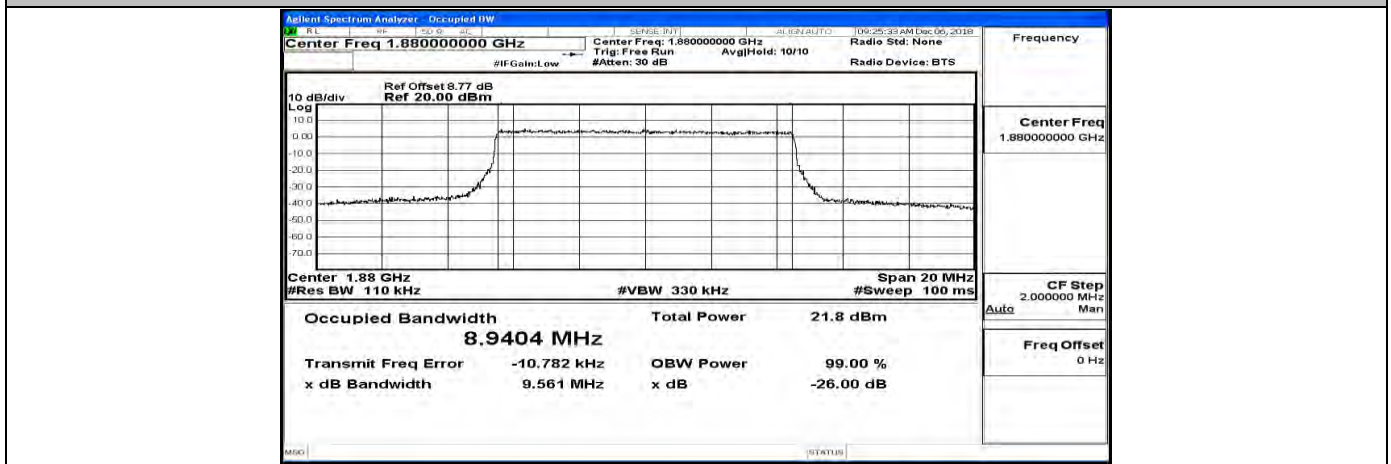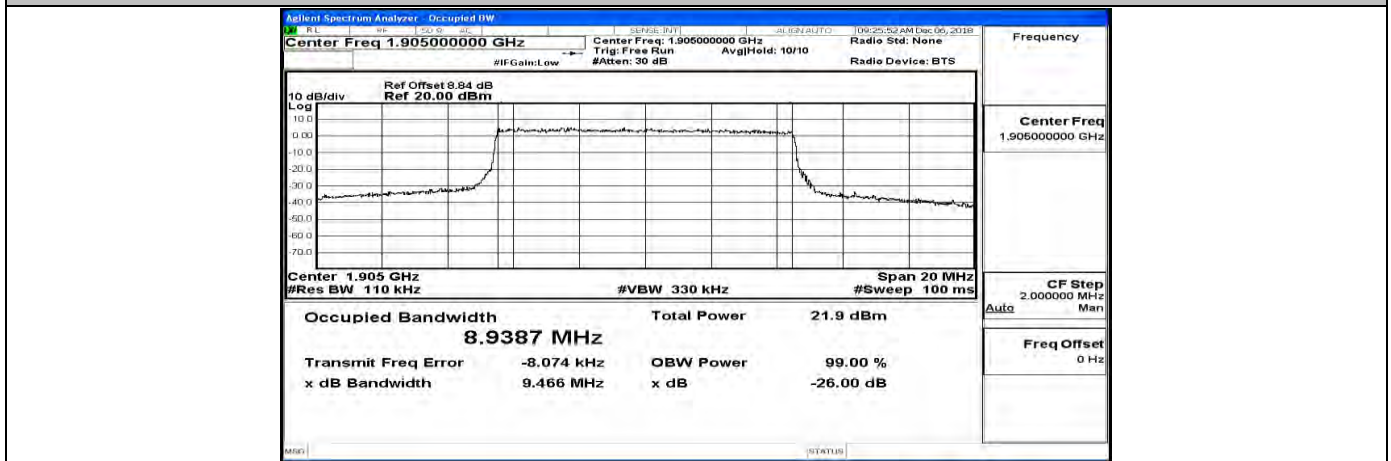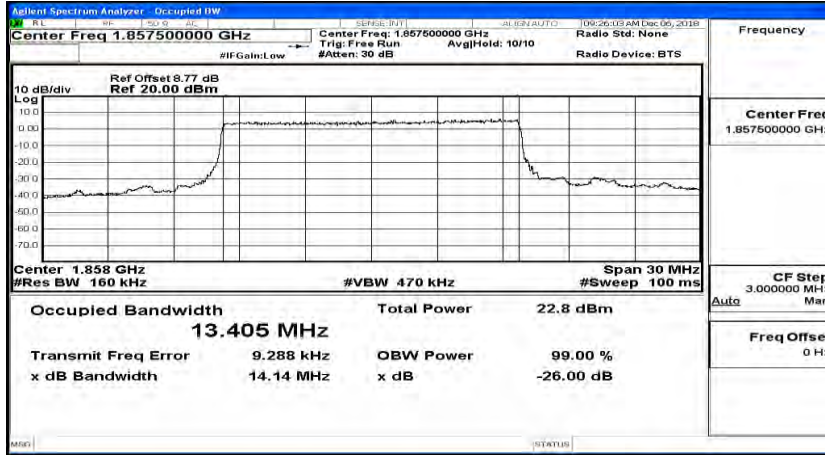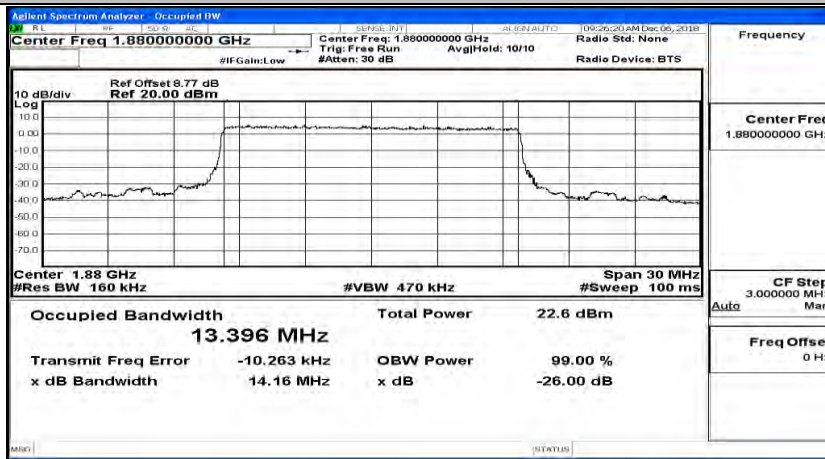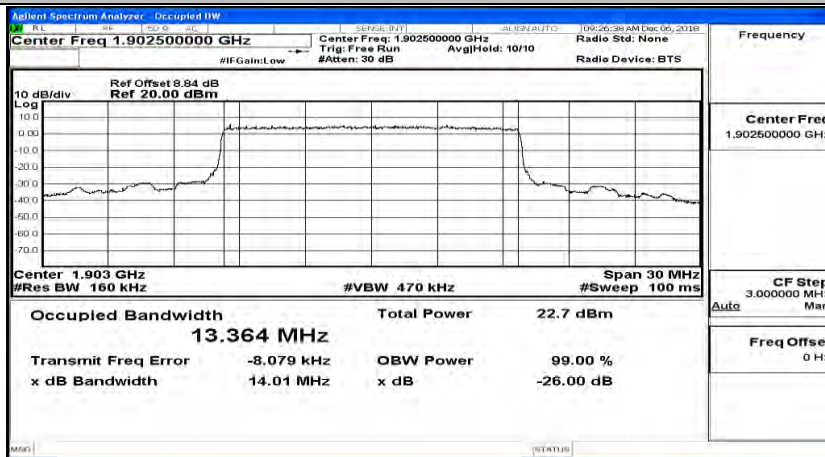
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM
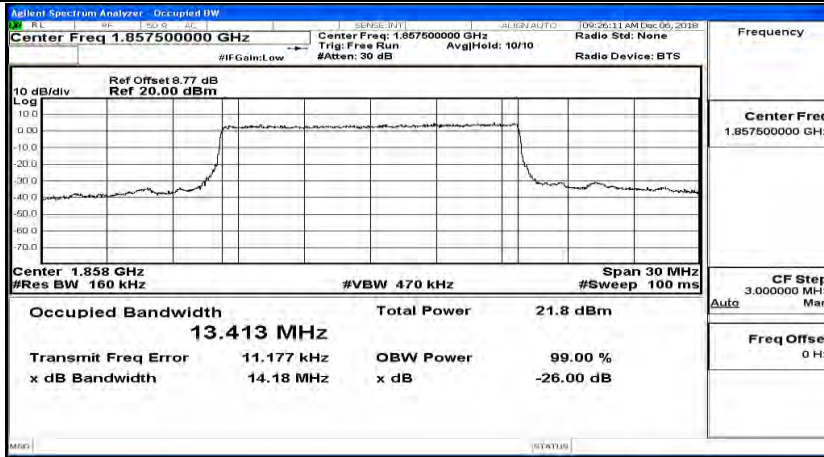


EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM
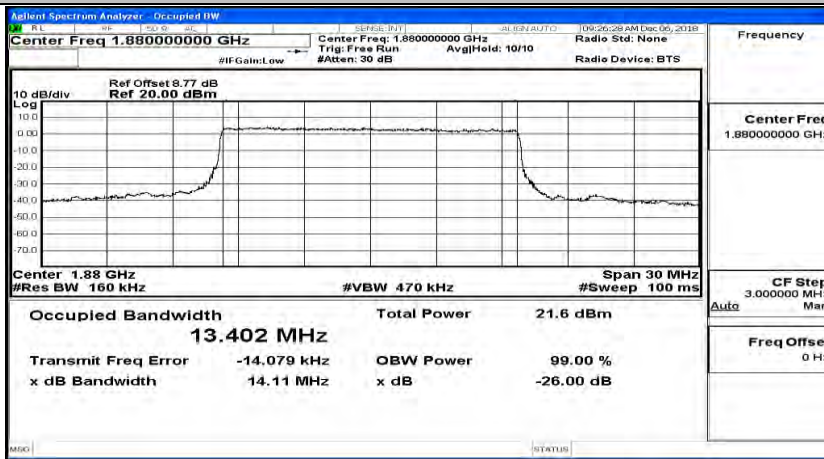


EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM
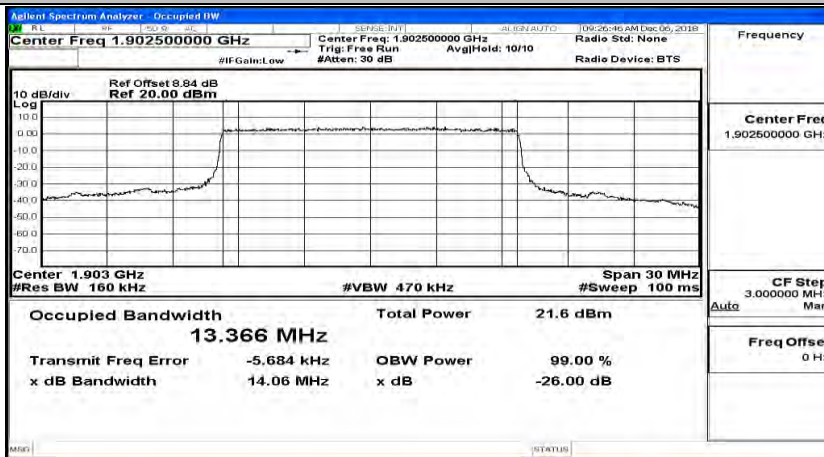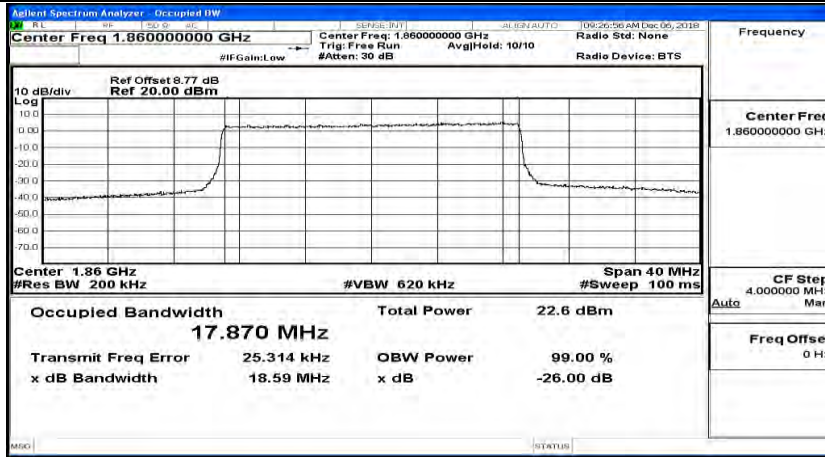
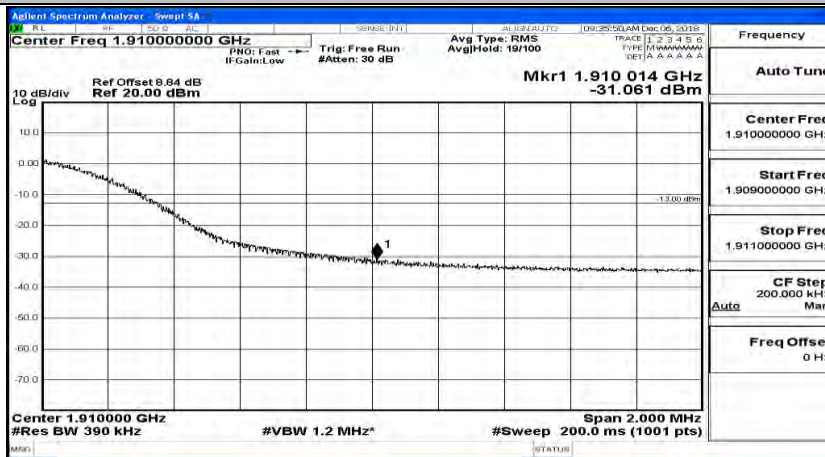| EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK |
|---|



| EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK |
|---|



| EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK |
|---|

| EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM |
|:---:|



| EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_16QAM |
|:---:|



| EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM |
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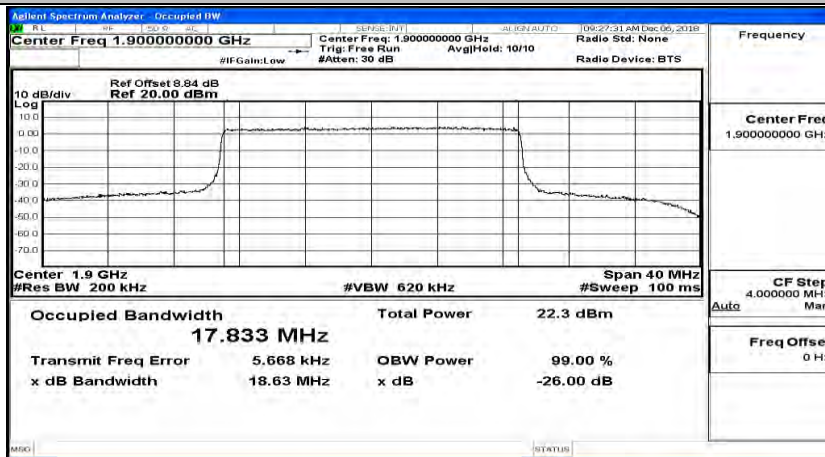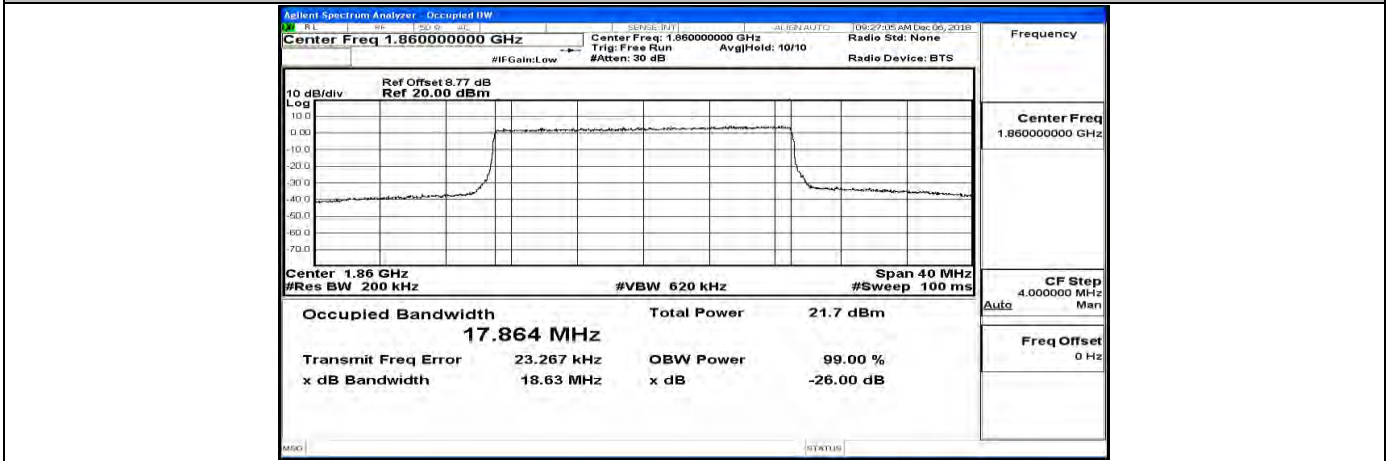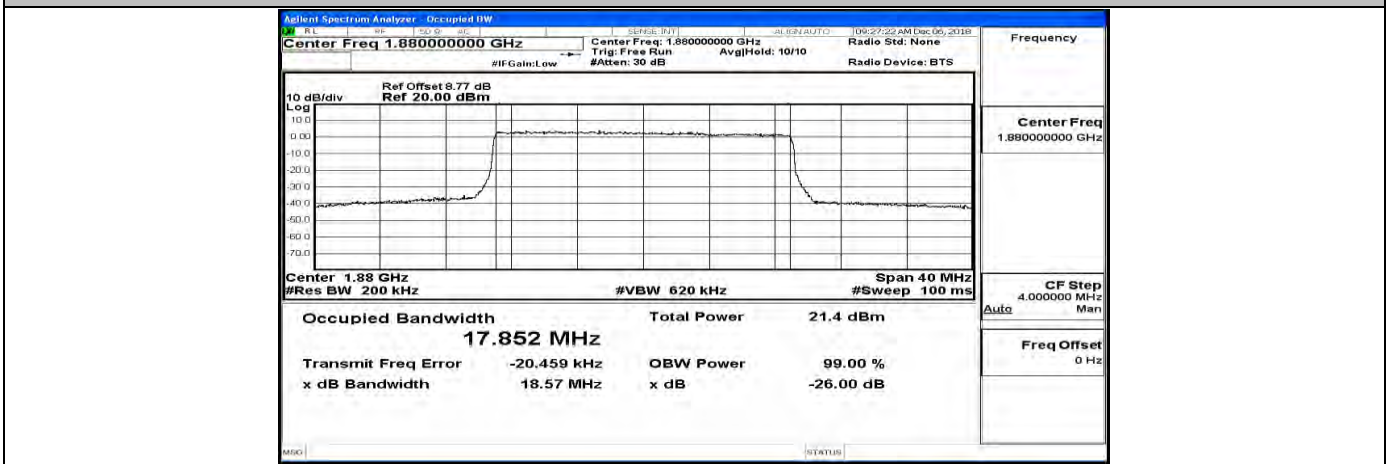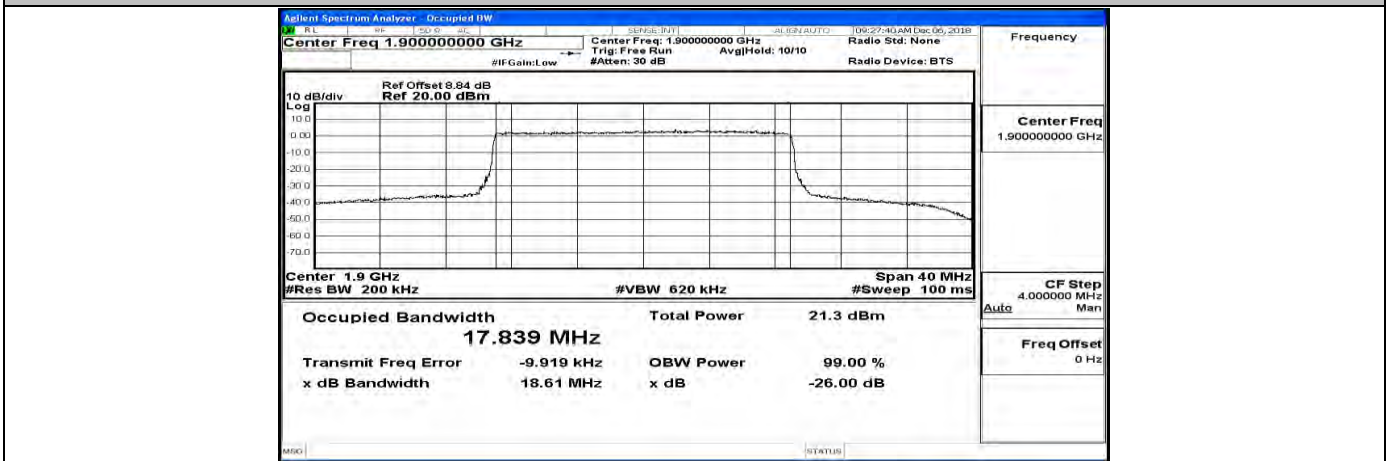
## A.4 Band Edge
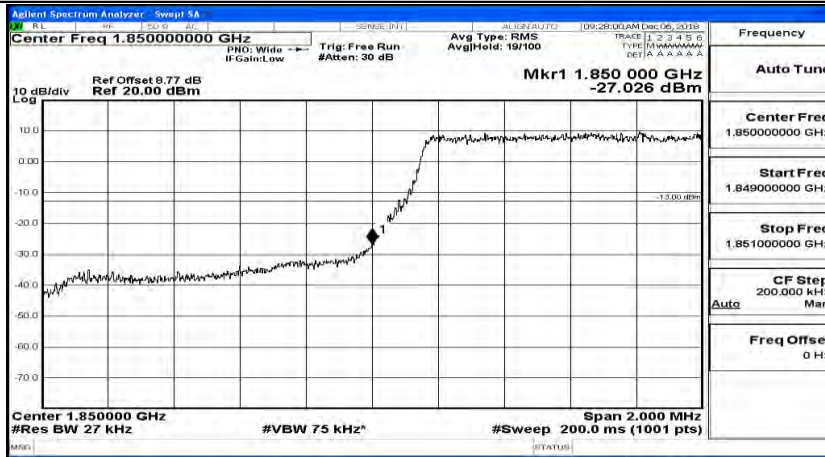
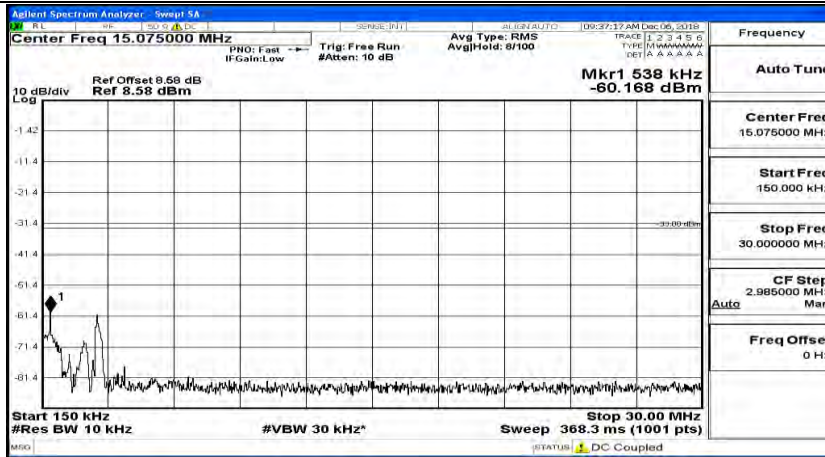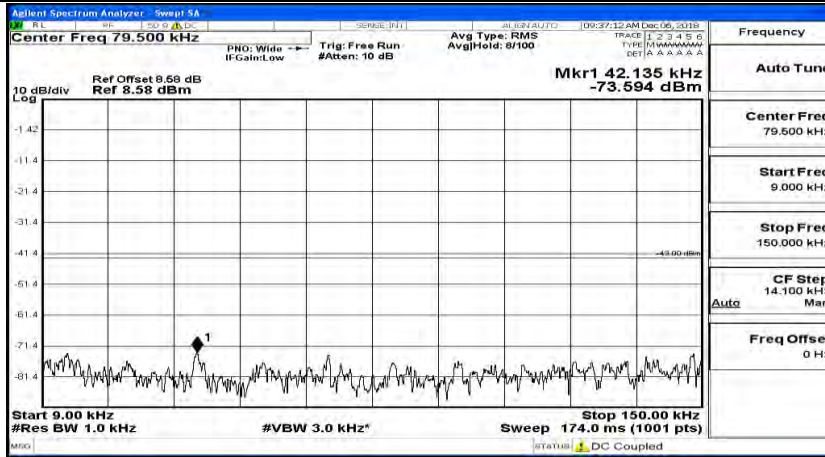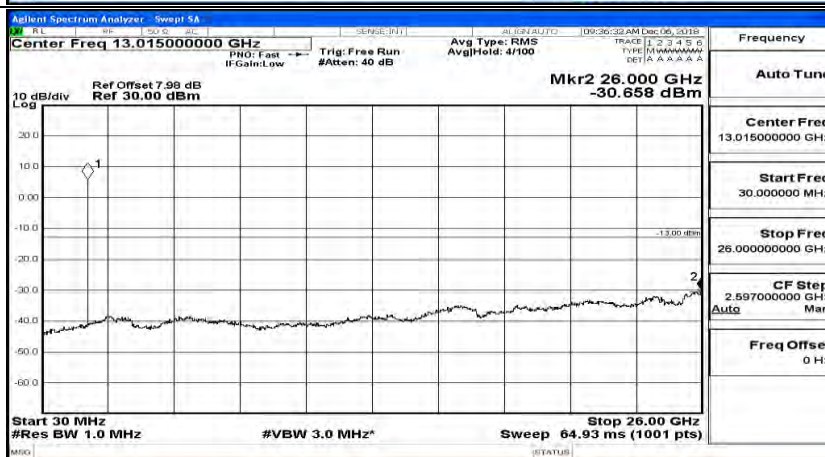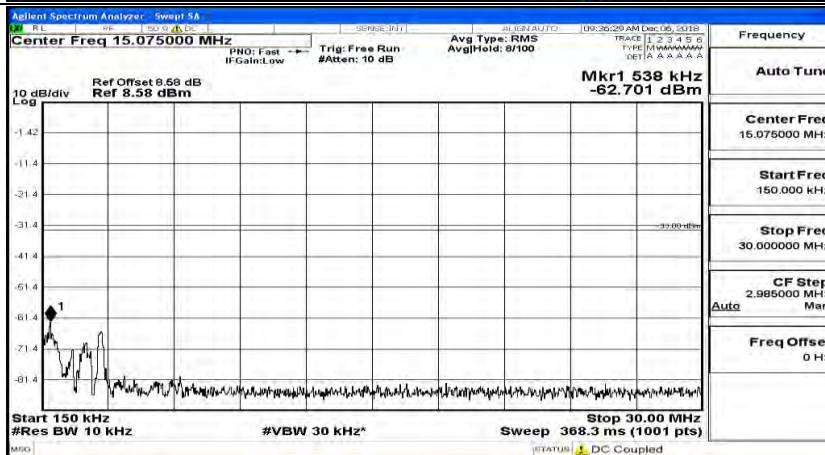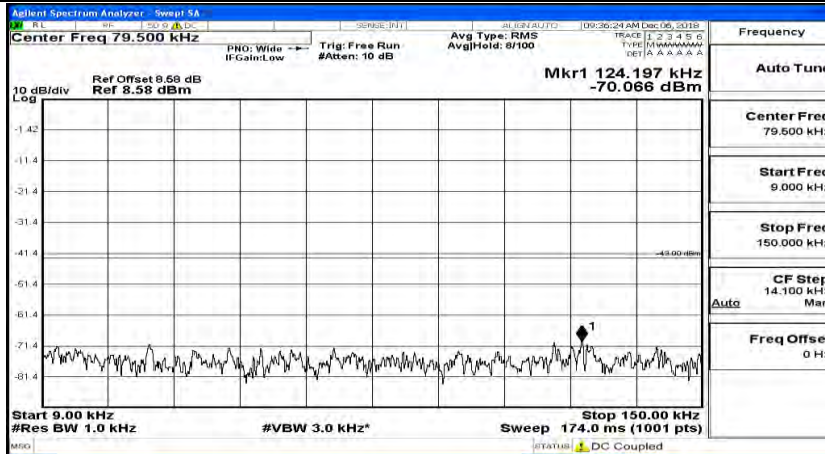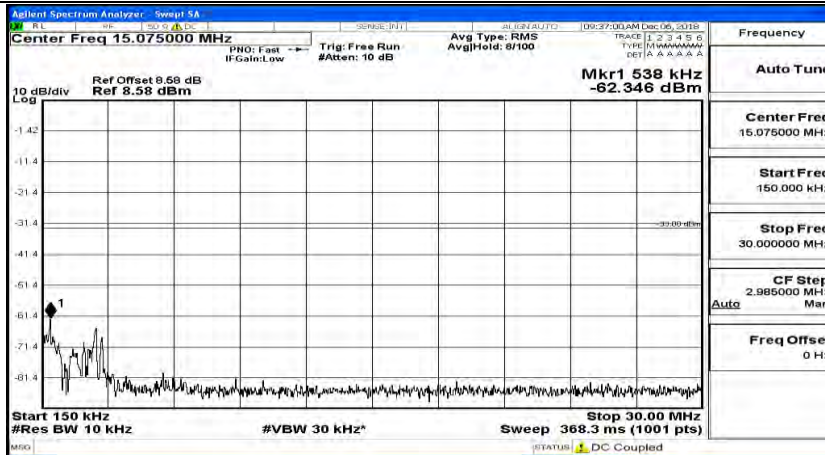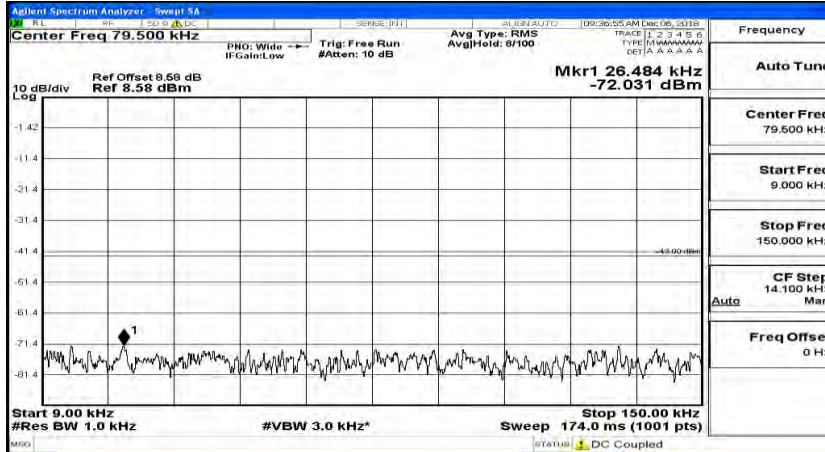| Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK |
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|  |

| Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK |
|---|
|  |

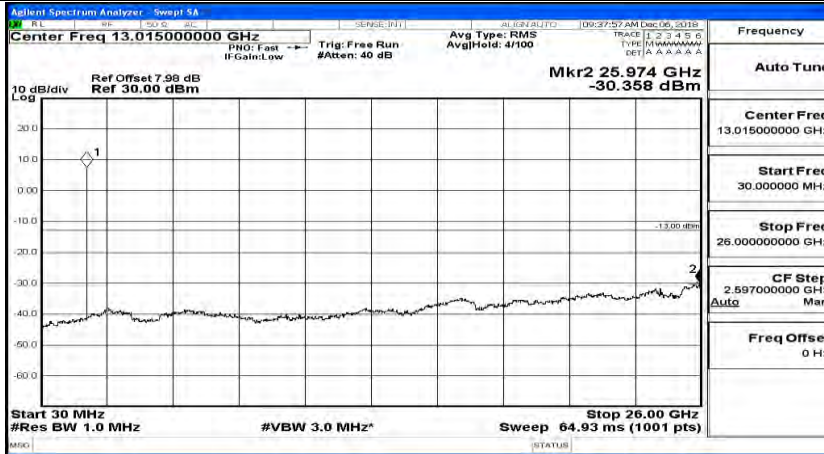| Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM |
|---|
|  |

| Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM |
|---|



| Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK |
|---|



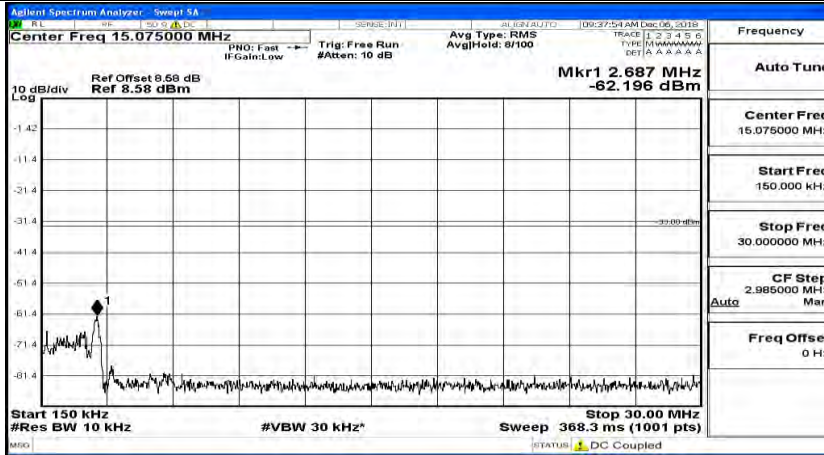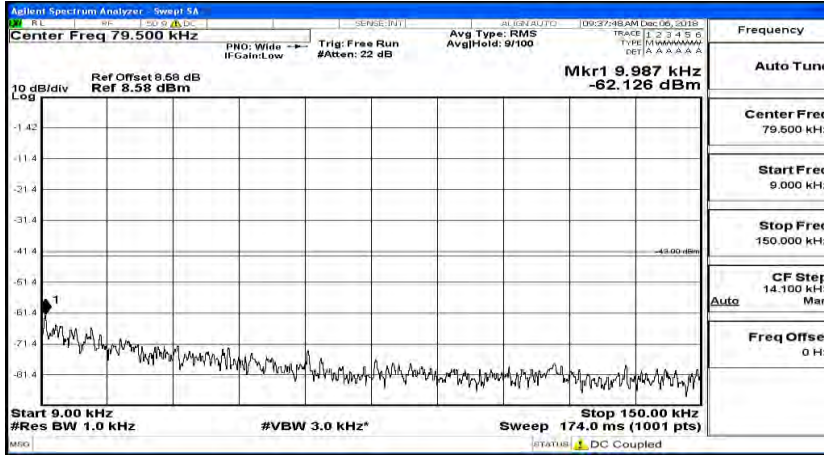| Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK |
|---|

| Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM |
|---|



| Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM |
|---|



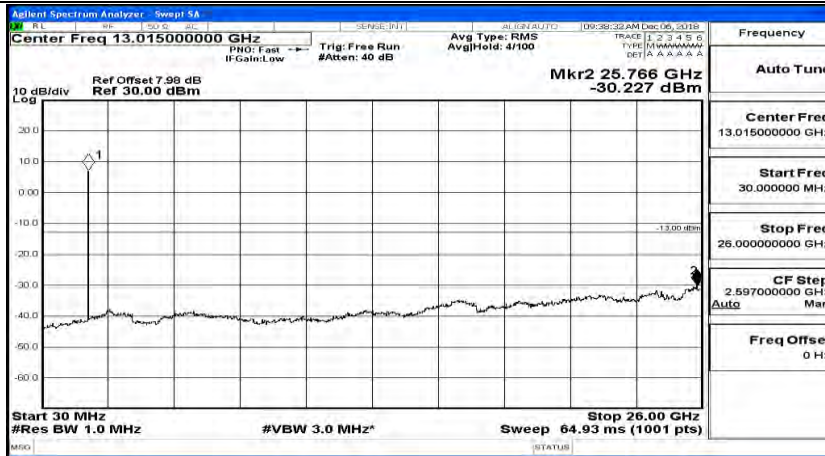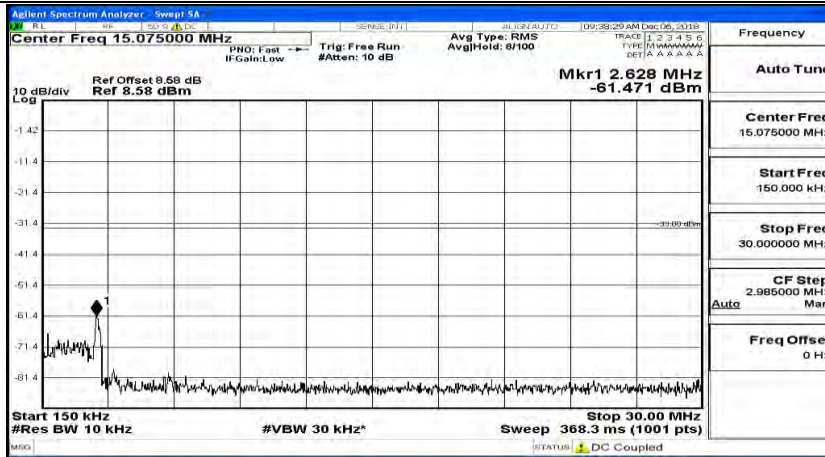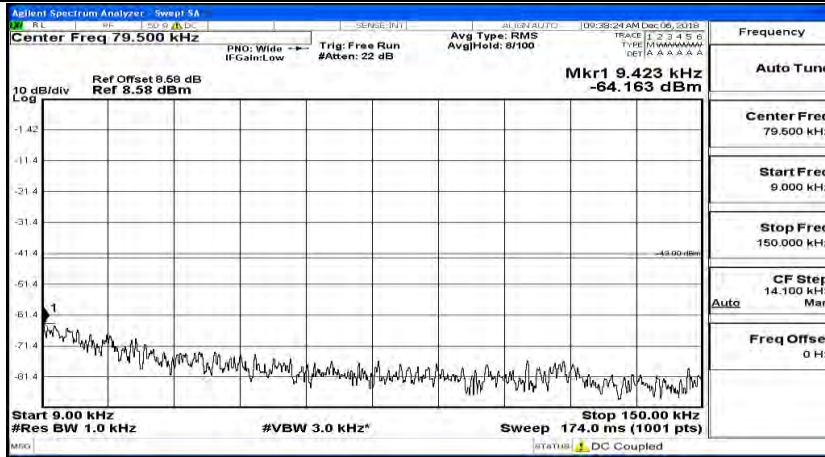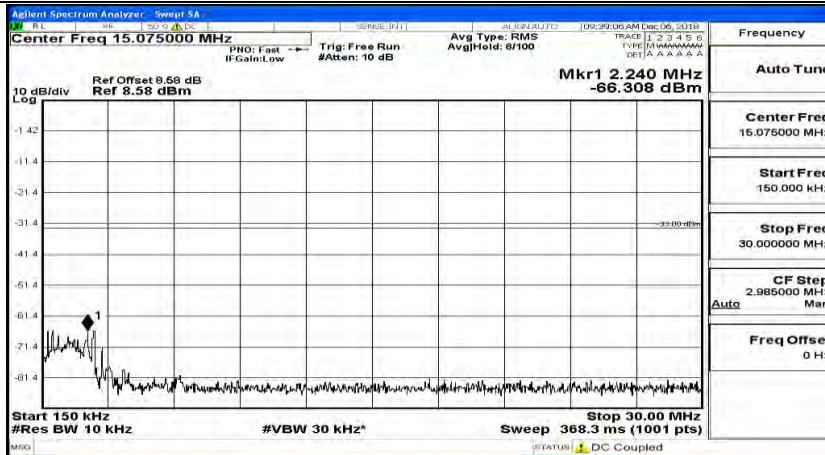| Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK |
|---|

| Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK |
|---|
|  |

| Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM |
|---|
|  |

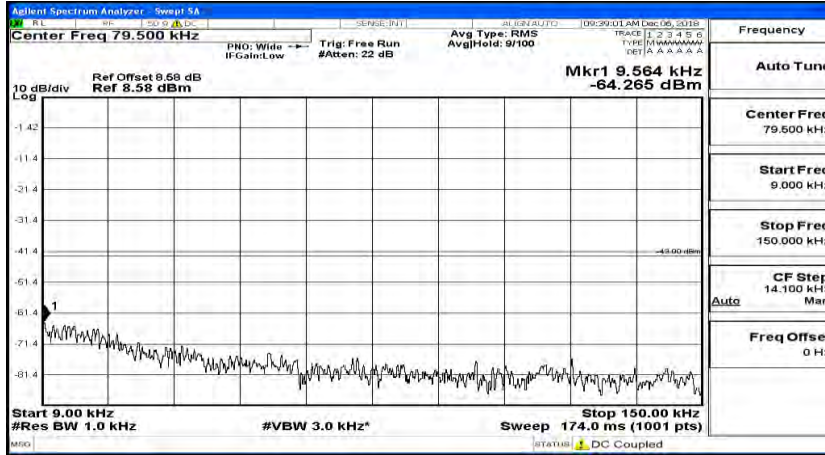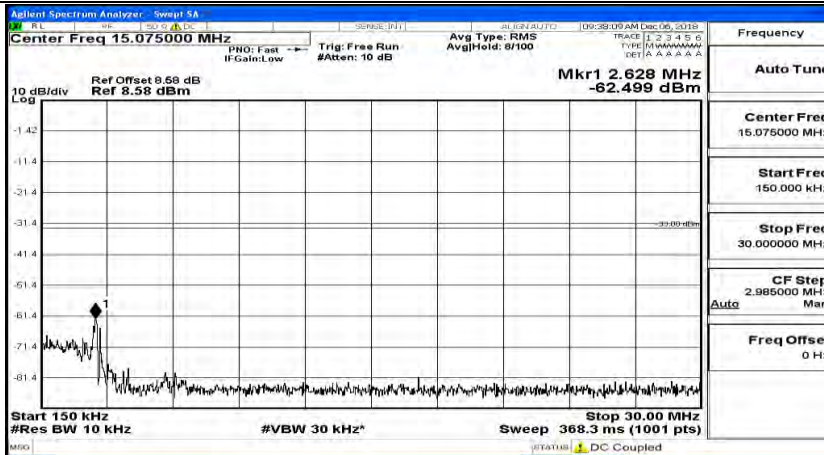| Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM |
|---|
|  |
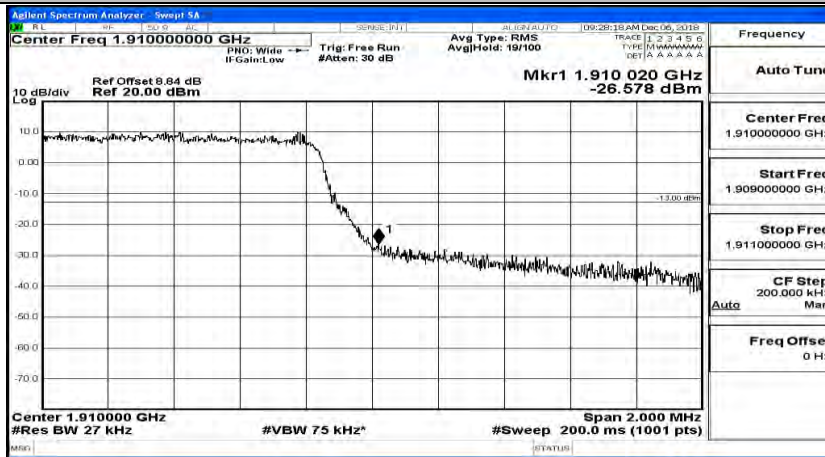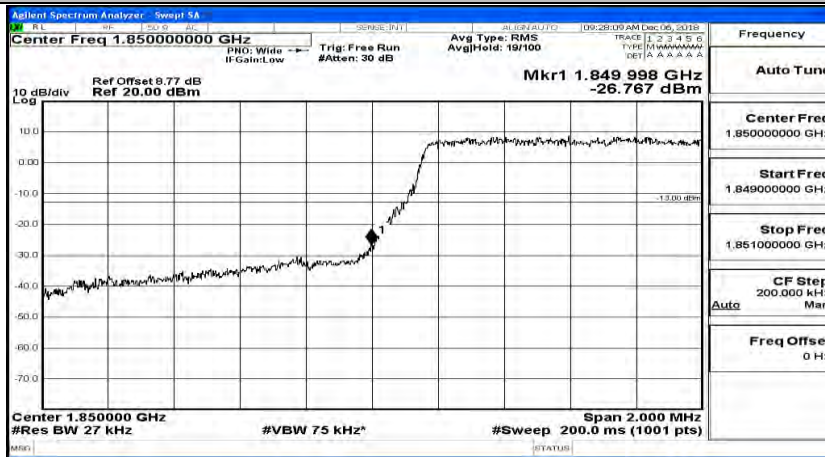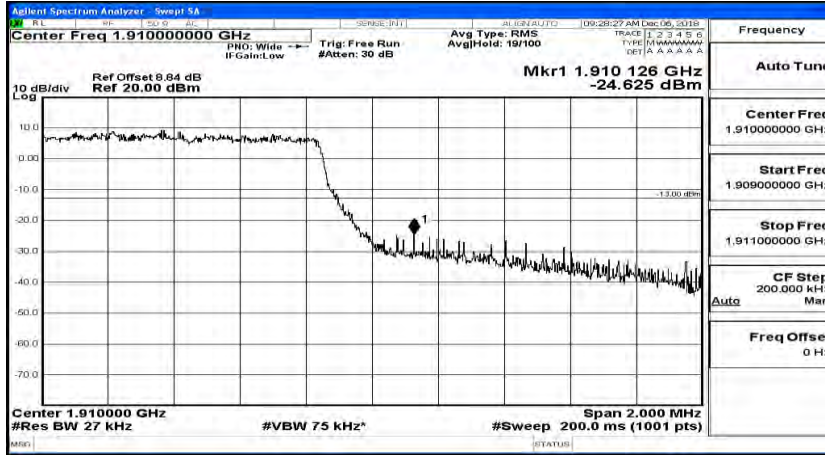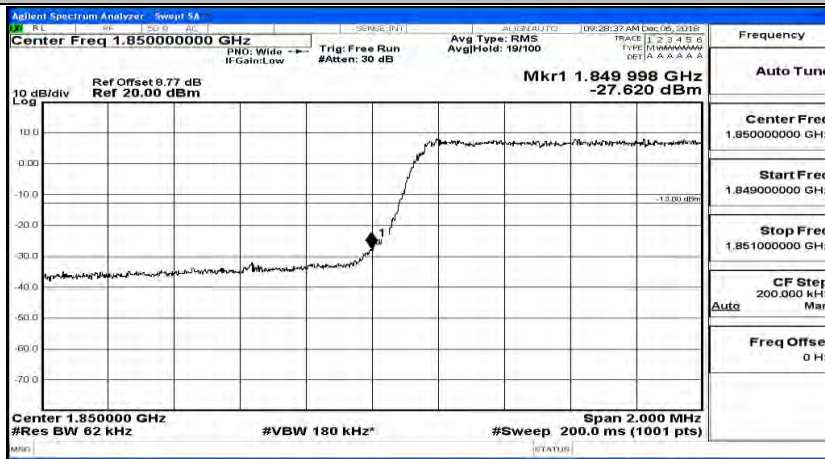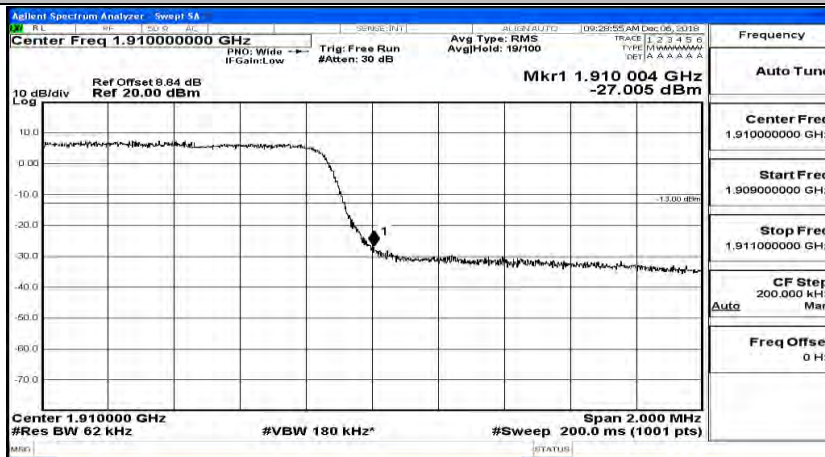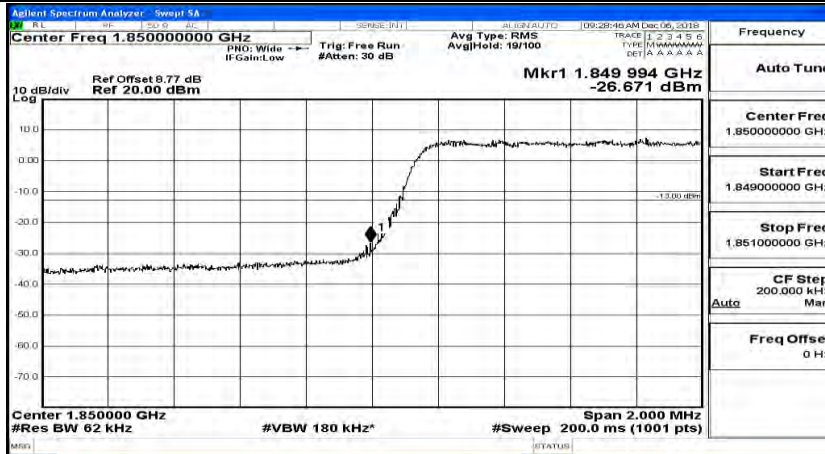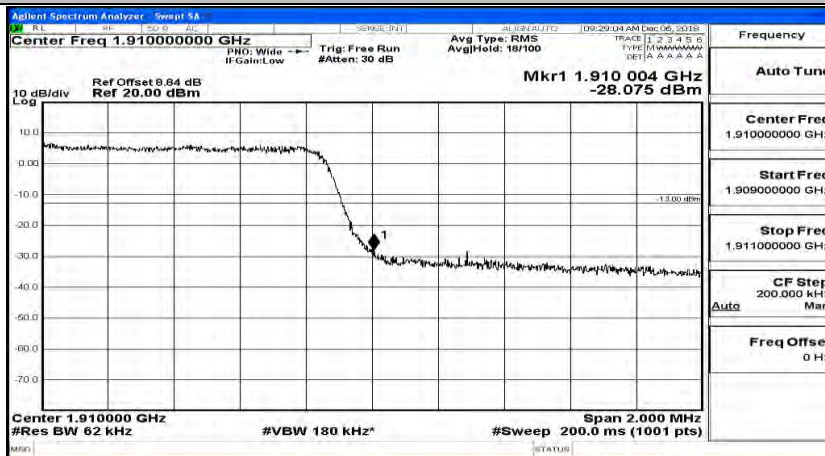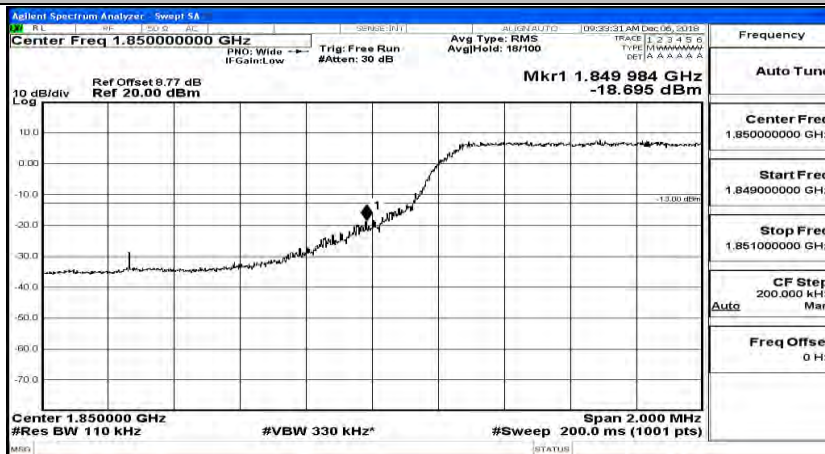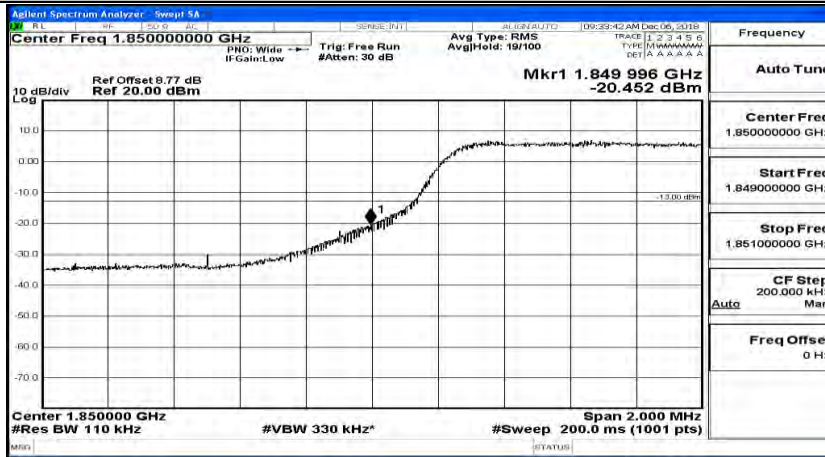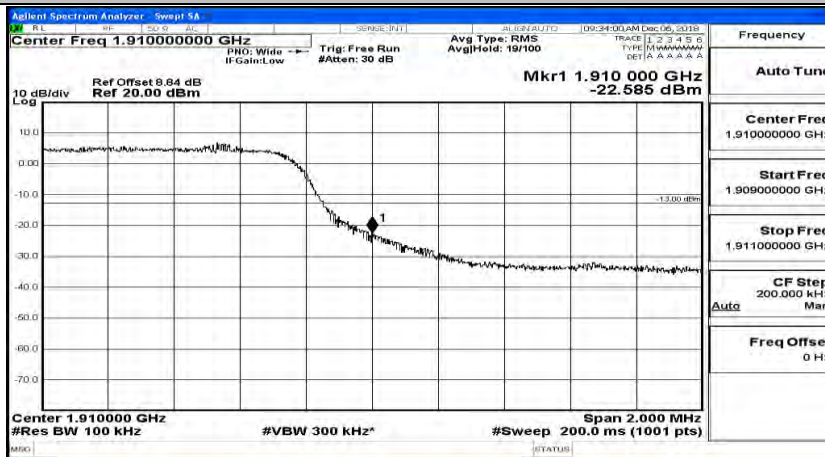
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK
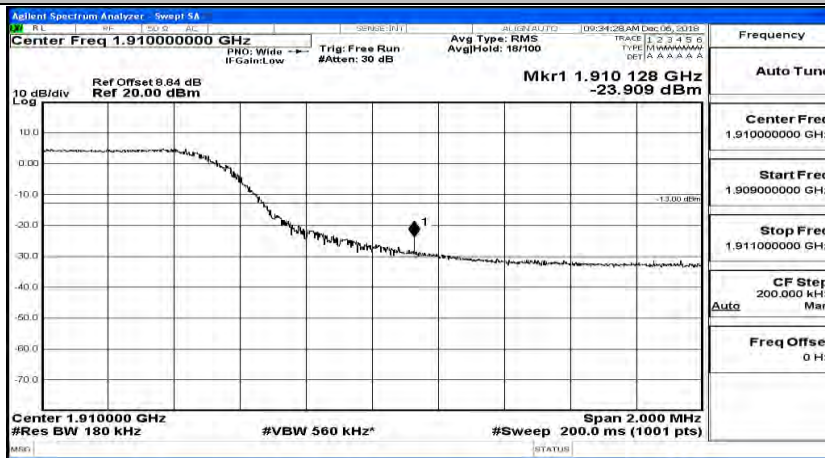


Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM

Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM
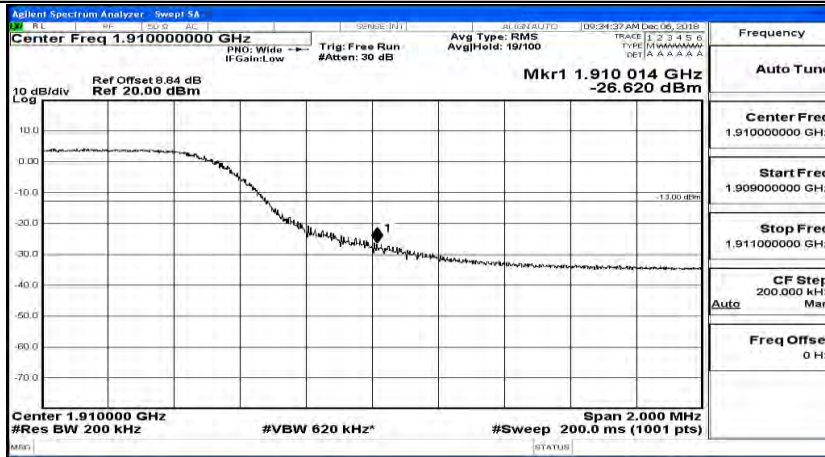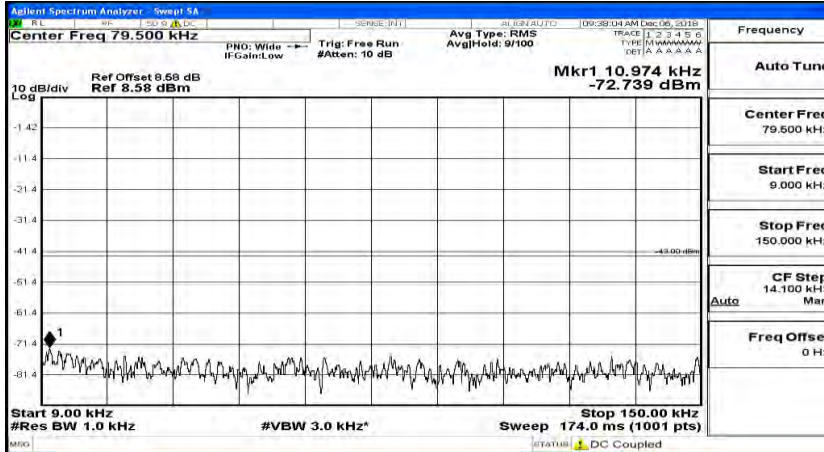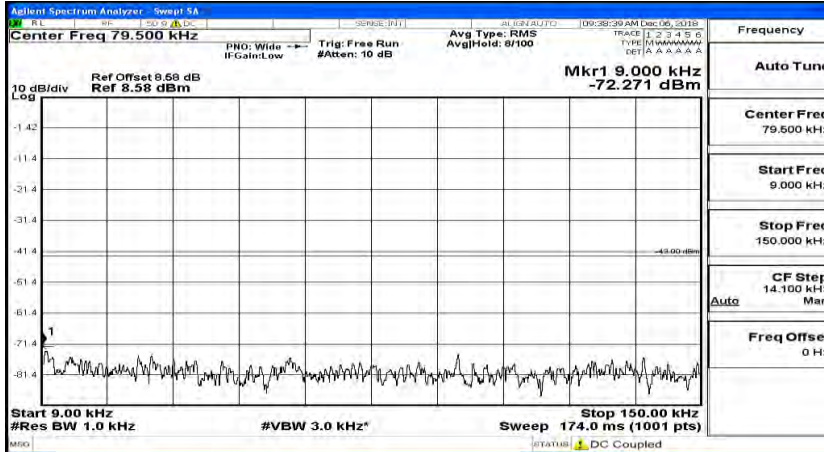


Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK
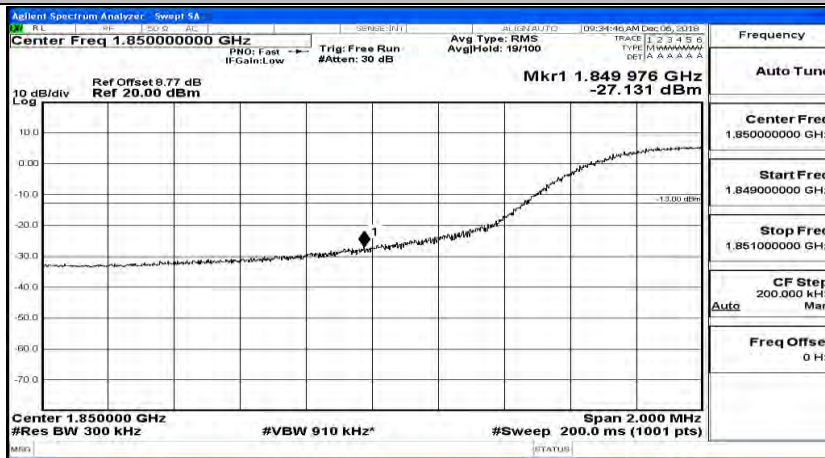


Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK
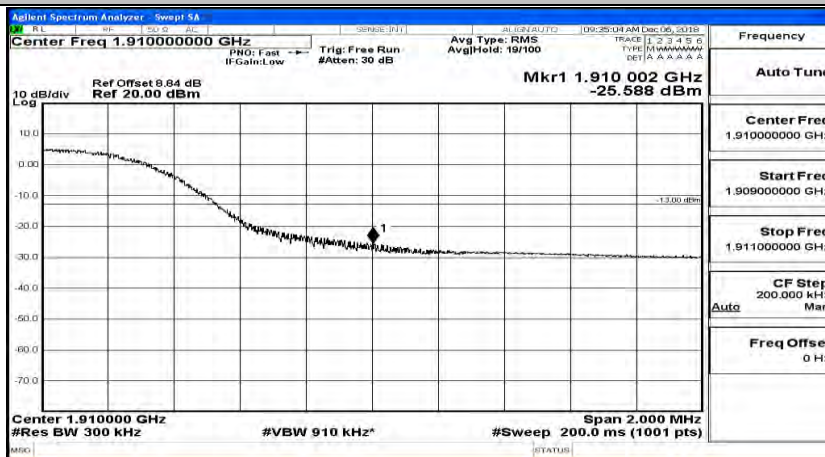
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK

Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK
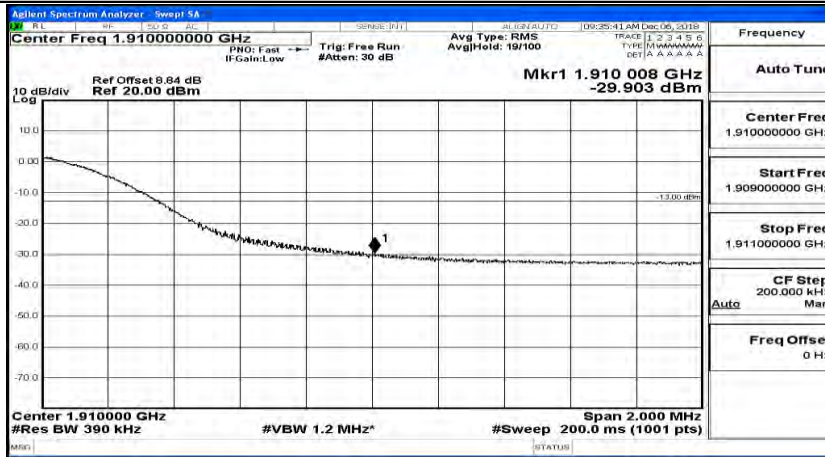


Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM
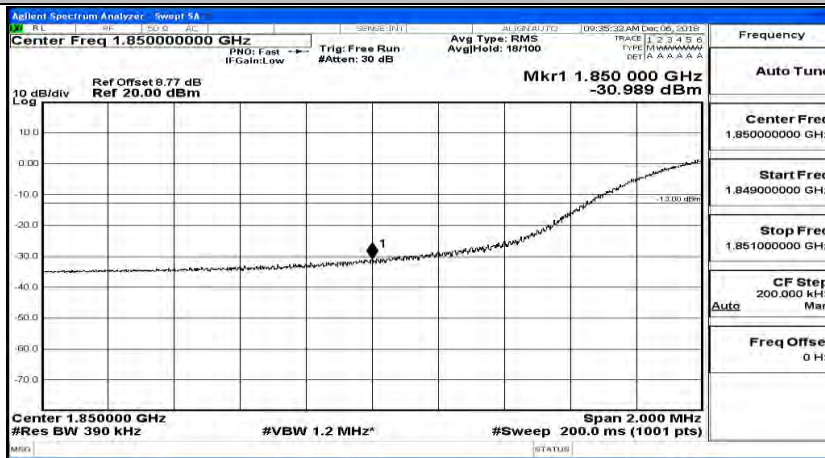


Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM

## A.5 Conducted Spurious Emission

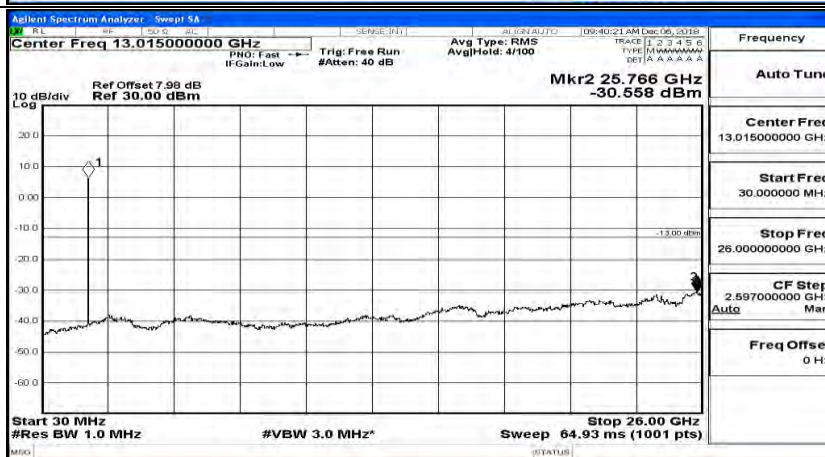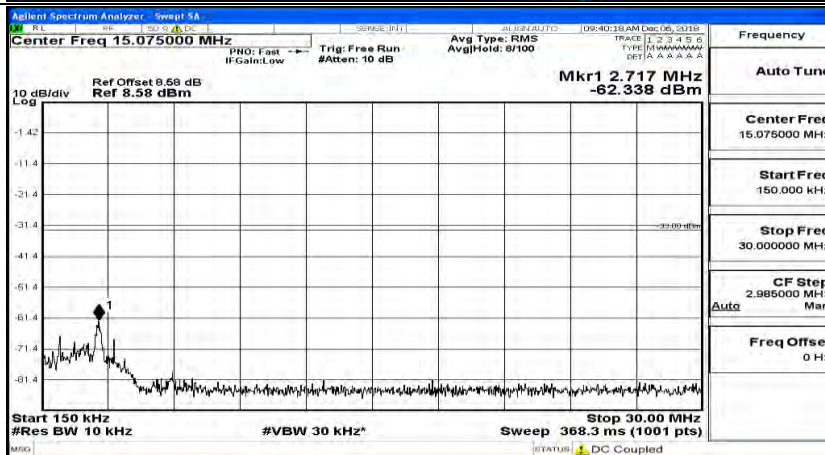| CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK |
|---|
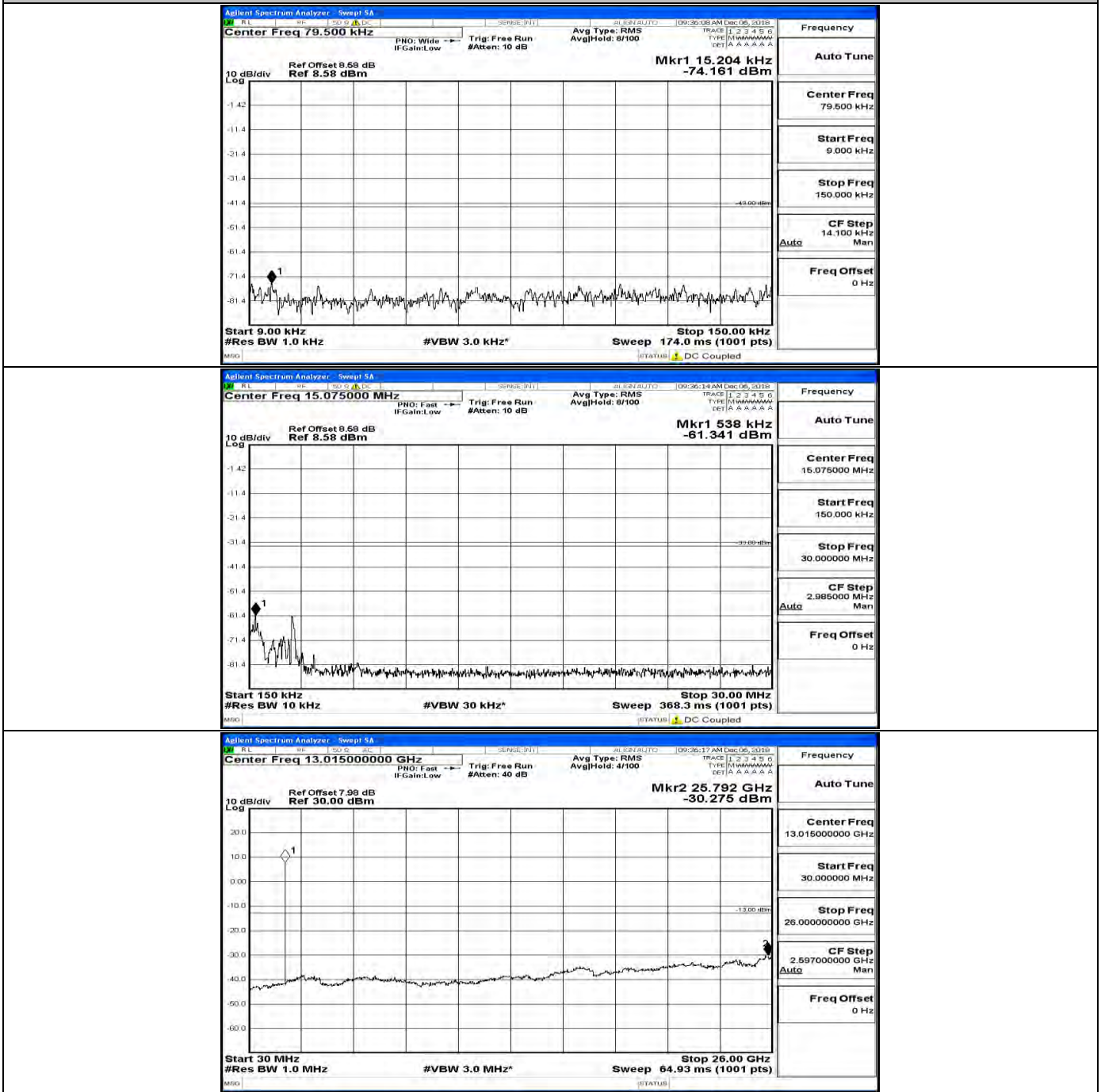
## CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK
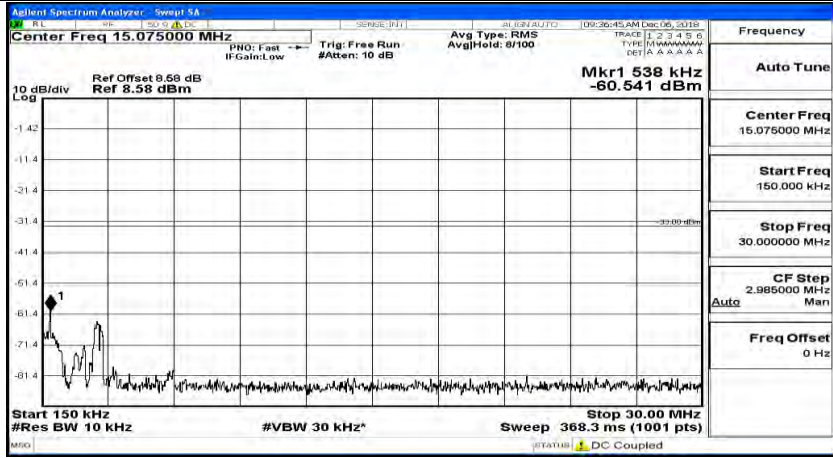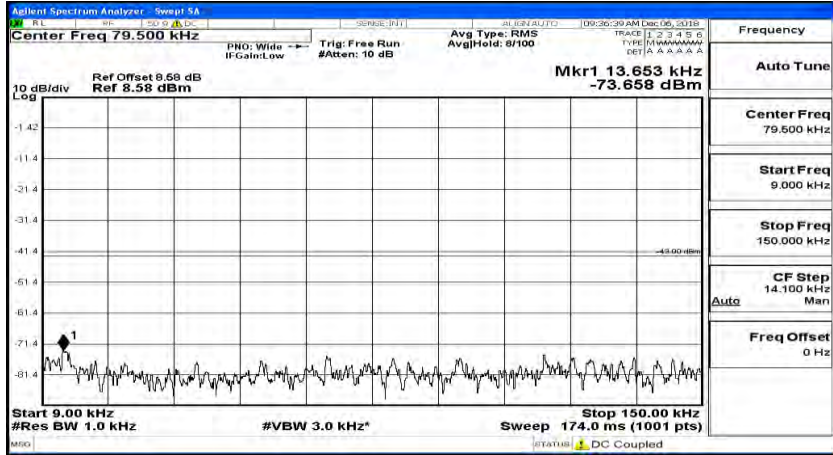
| CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK |
|---|







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| CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM |
|---|

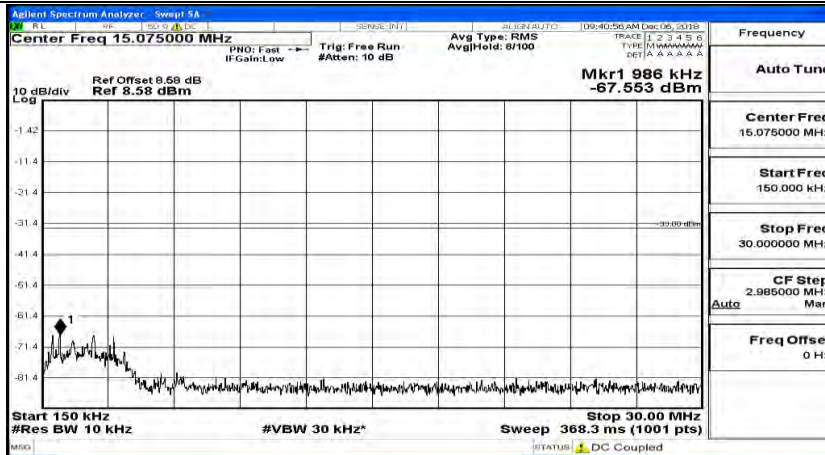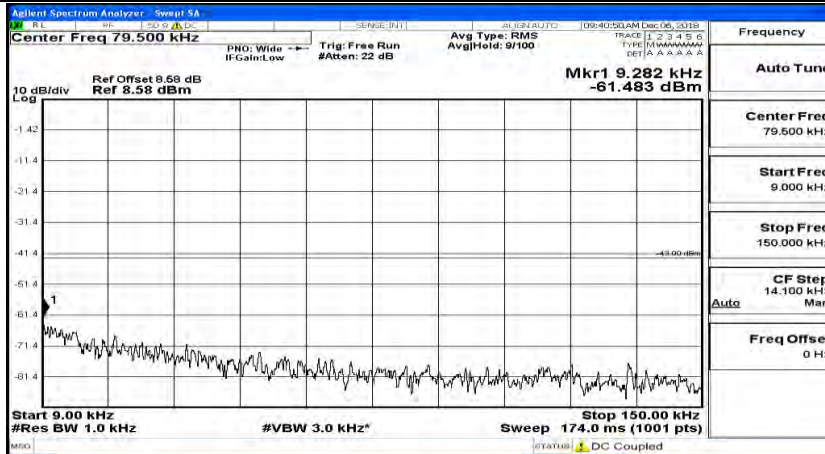| CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM |
|---|

| CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM |
|---|







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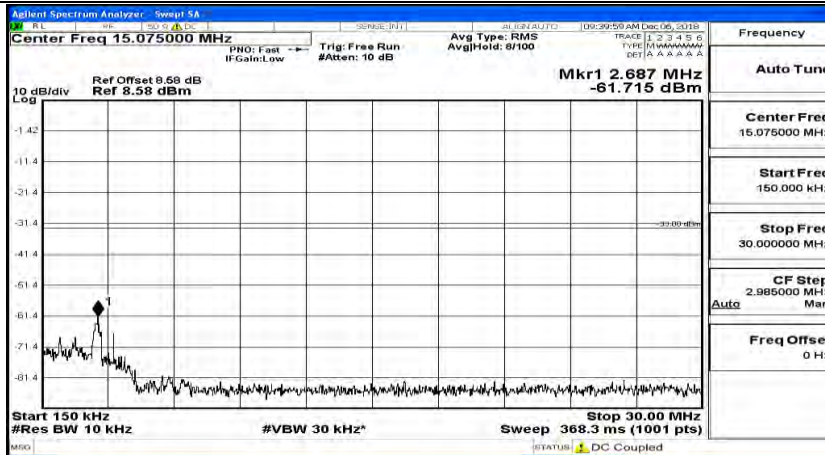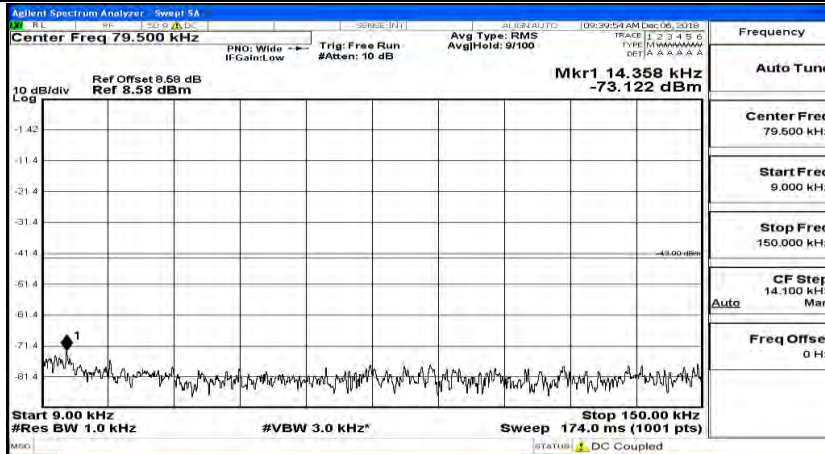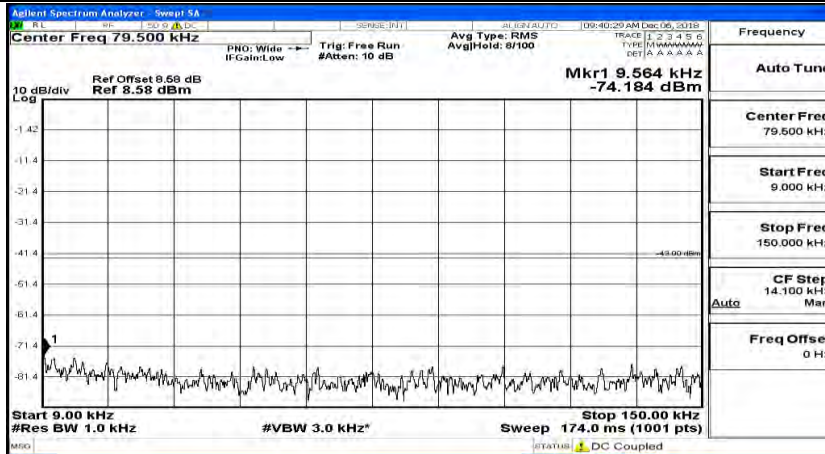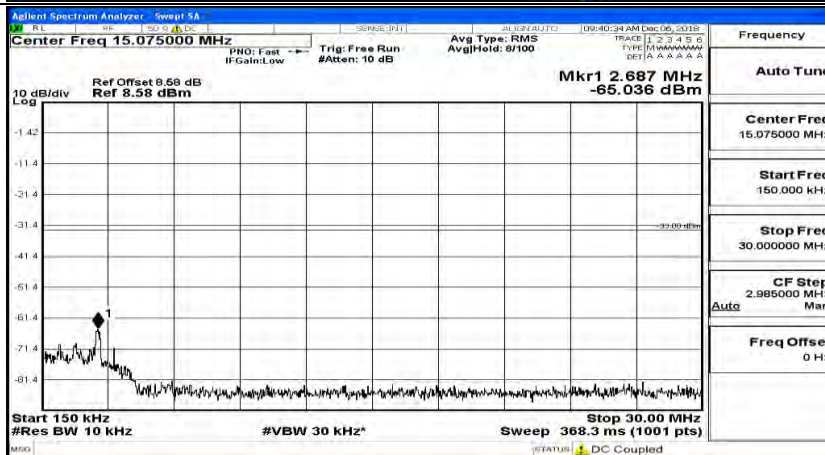
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## CSE Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK







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## CSE Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK







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| CSE Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK |
|---|

| CSE Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM |
|---|







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| CSE Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM |
|---|

| CSE Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM |
|---|







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## CSE Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK
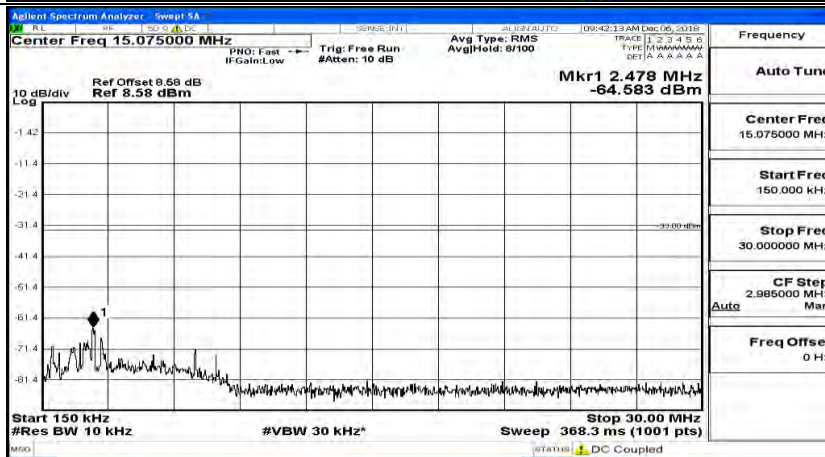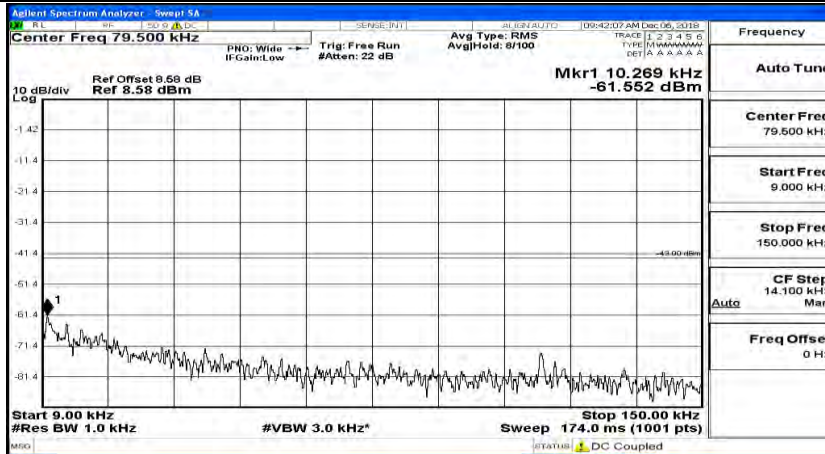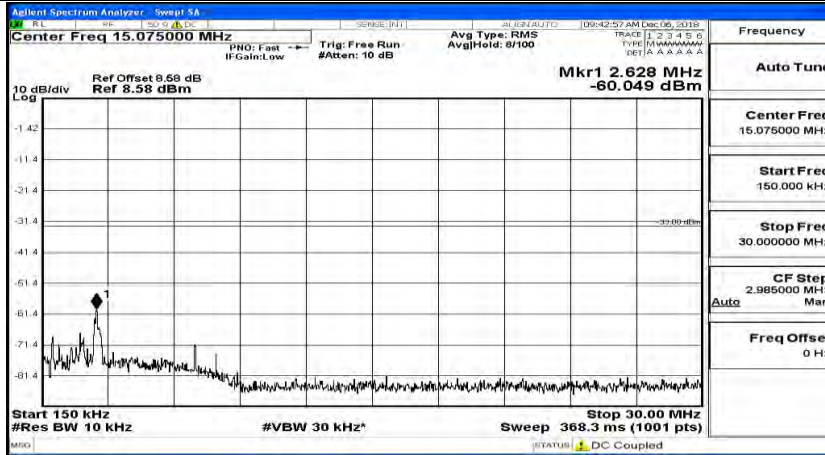
## CSE Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK

## CSE Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK

| CSE Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM |
| --- |

| CSE Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM |
|---|

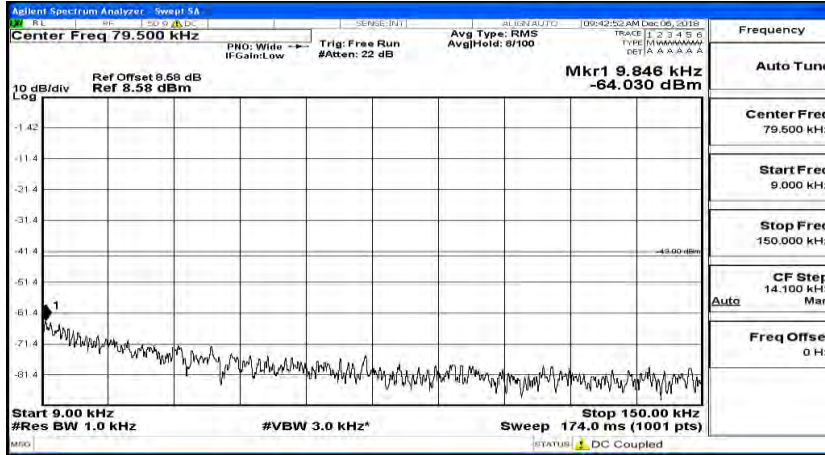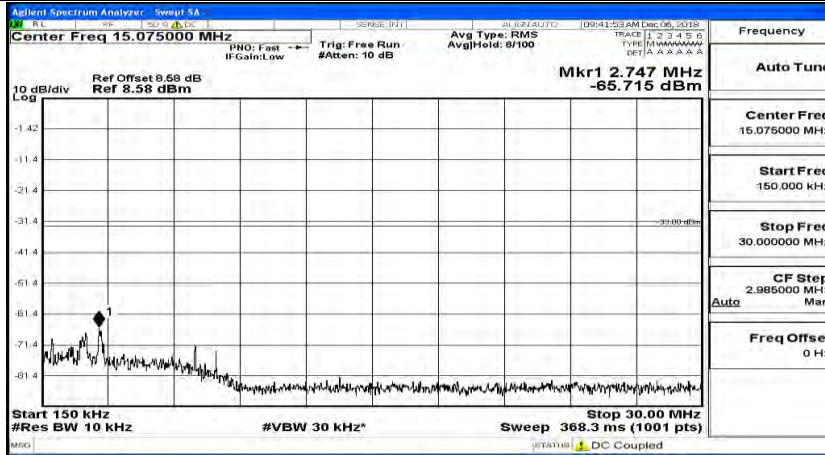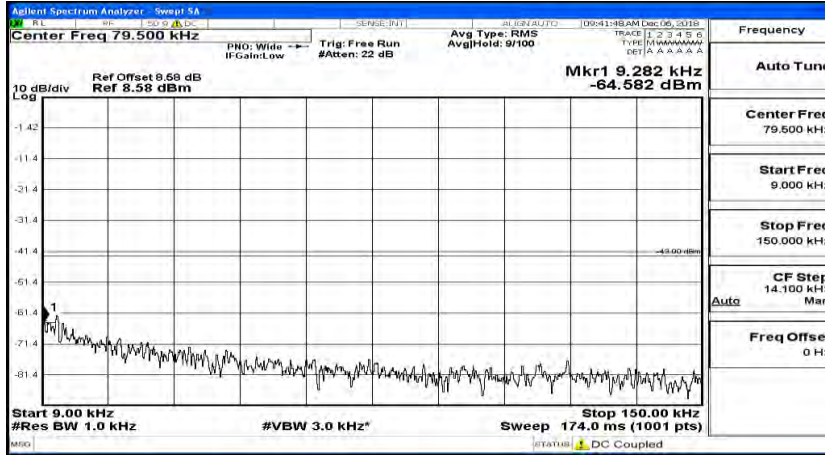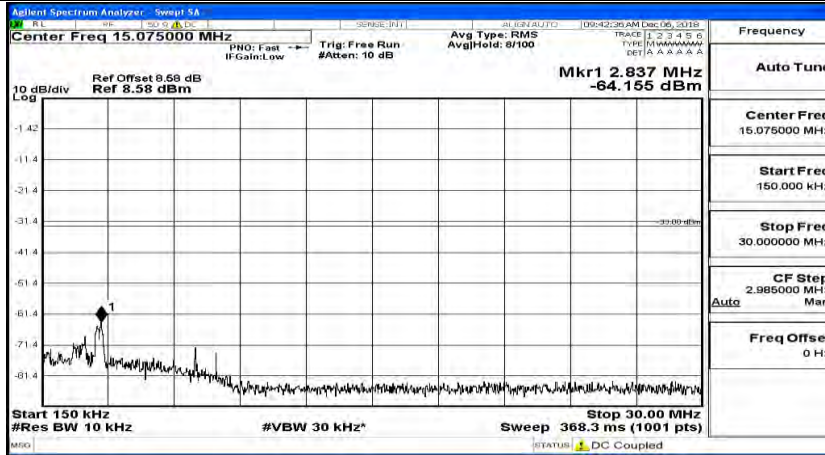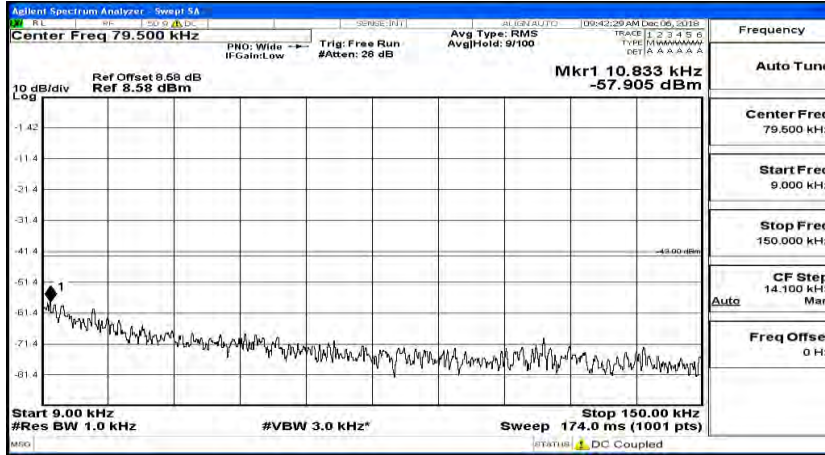| CSE Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM |
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| CSE Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK |
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| CSE Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK |
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## CSE Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK

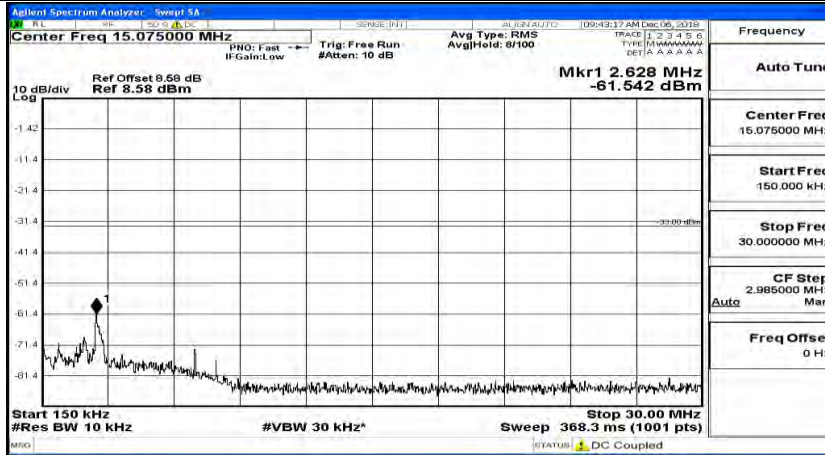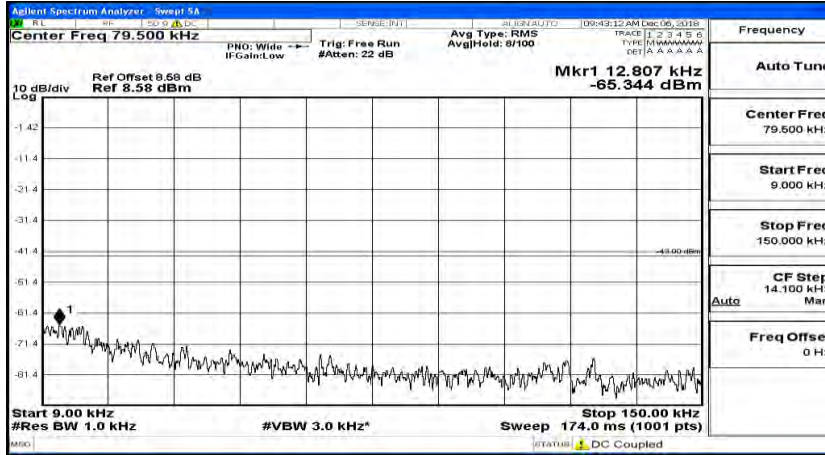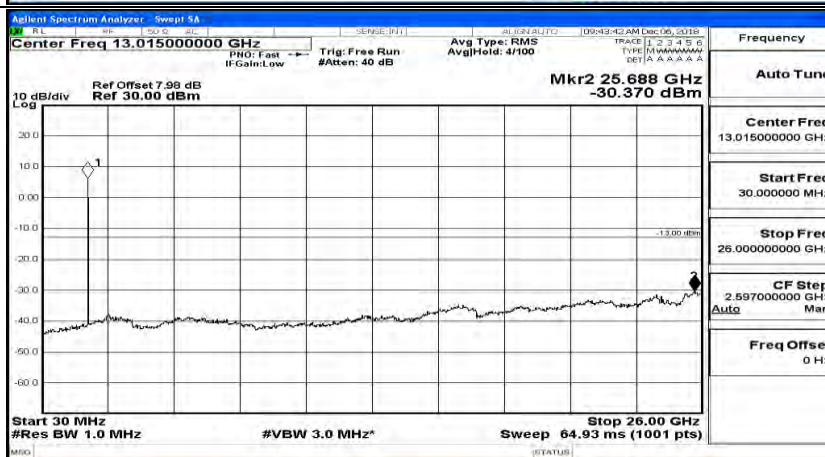CSE Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM






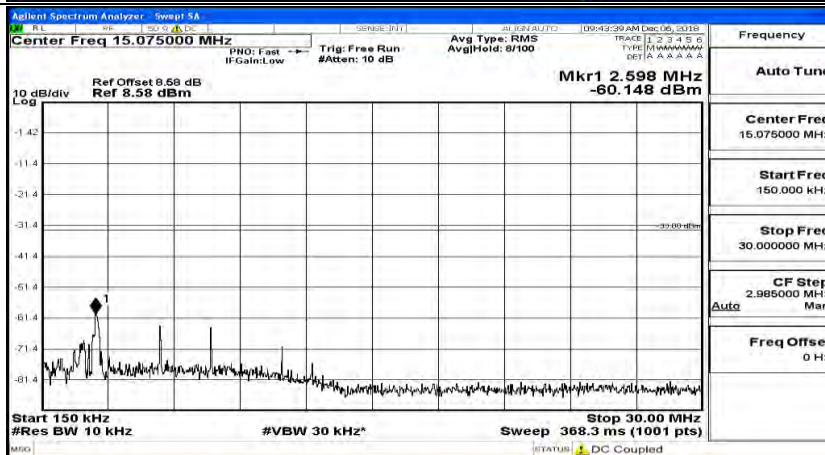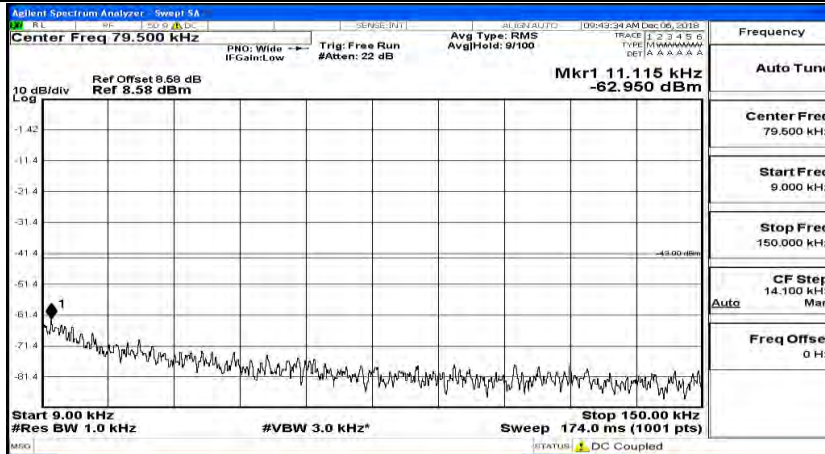
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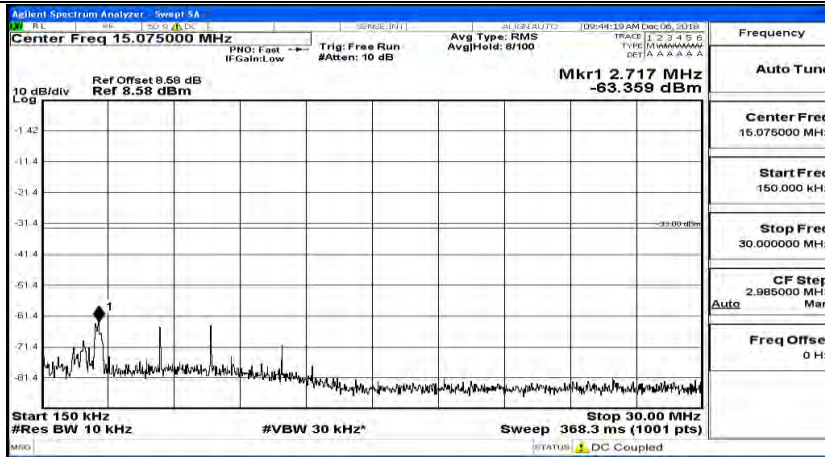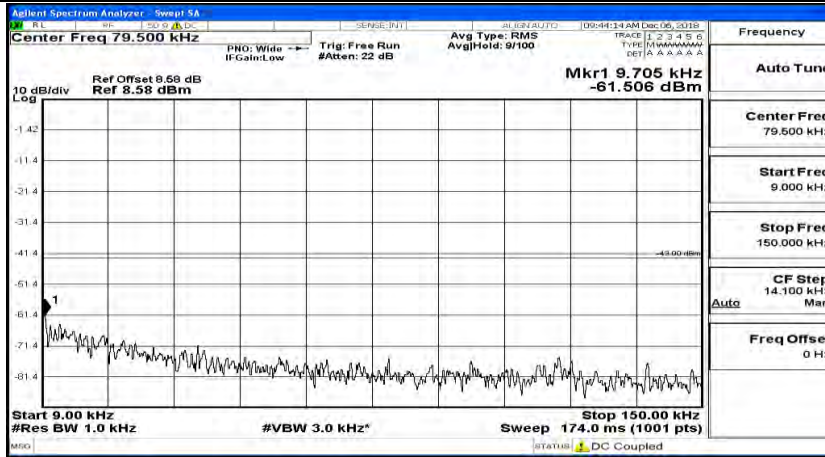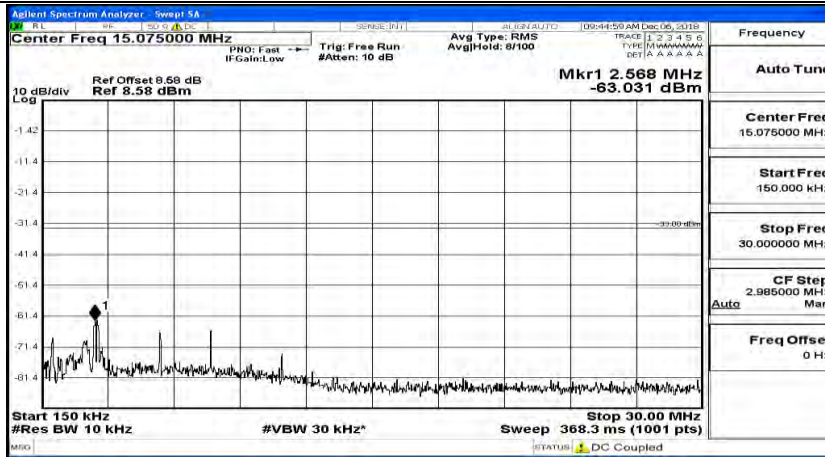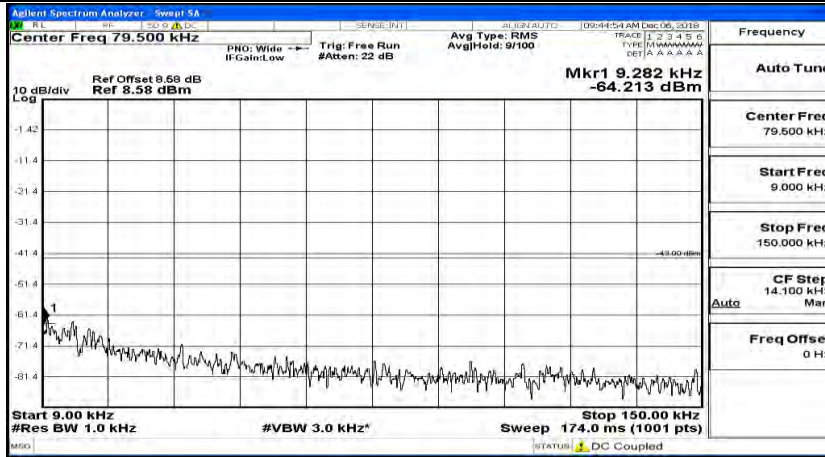| CSE Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM |
|---|

CSE Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM

## CSE Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK







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## CSE Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK







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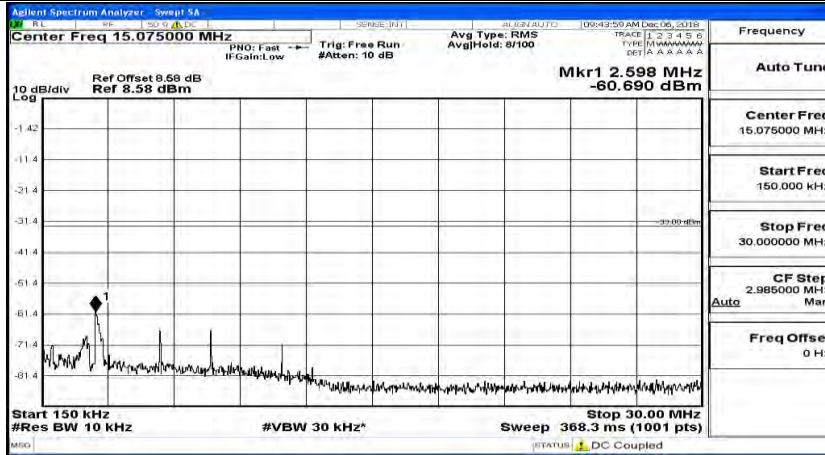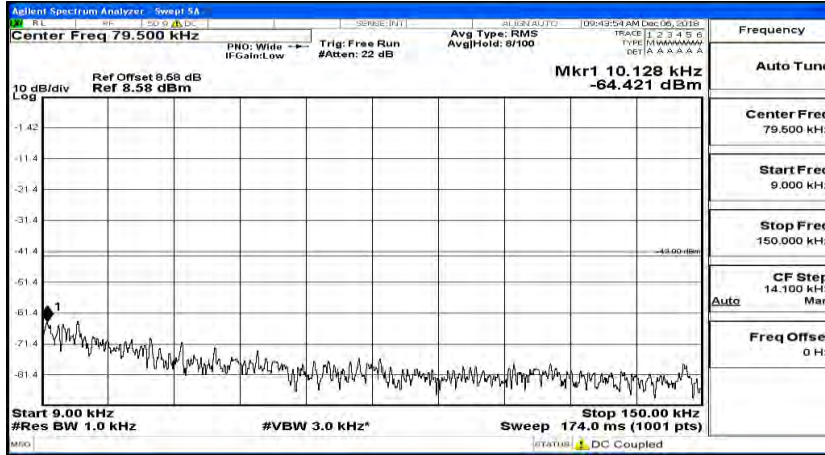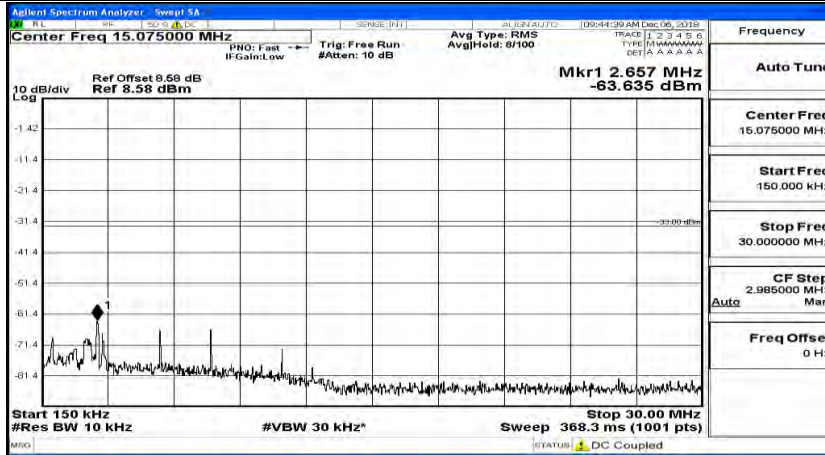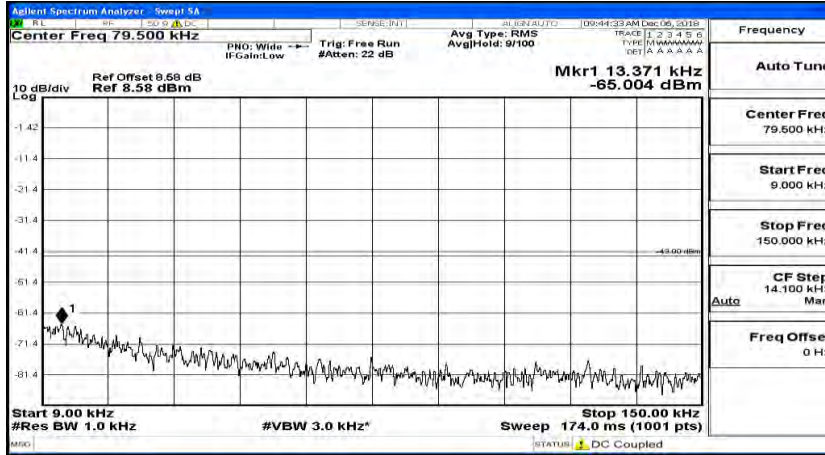
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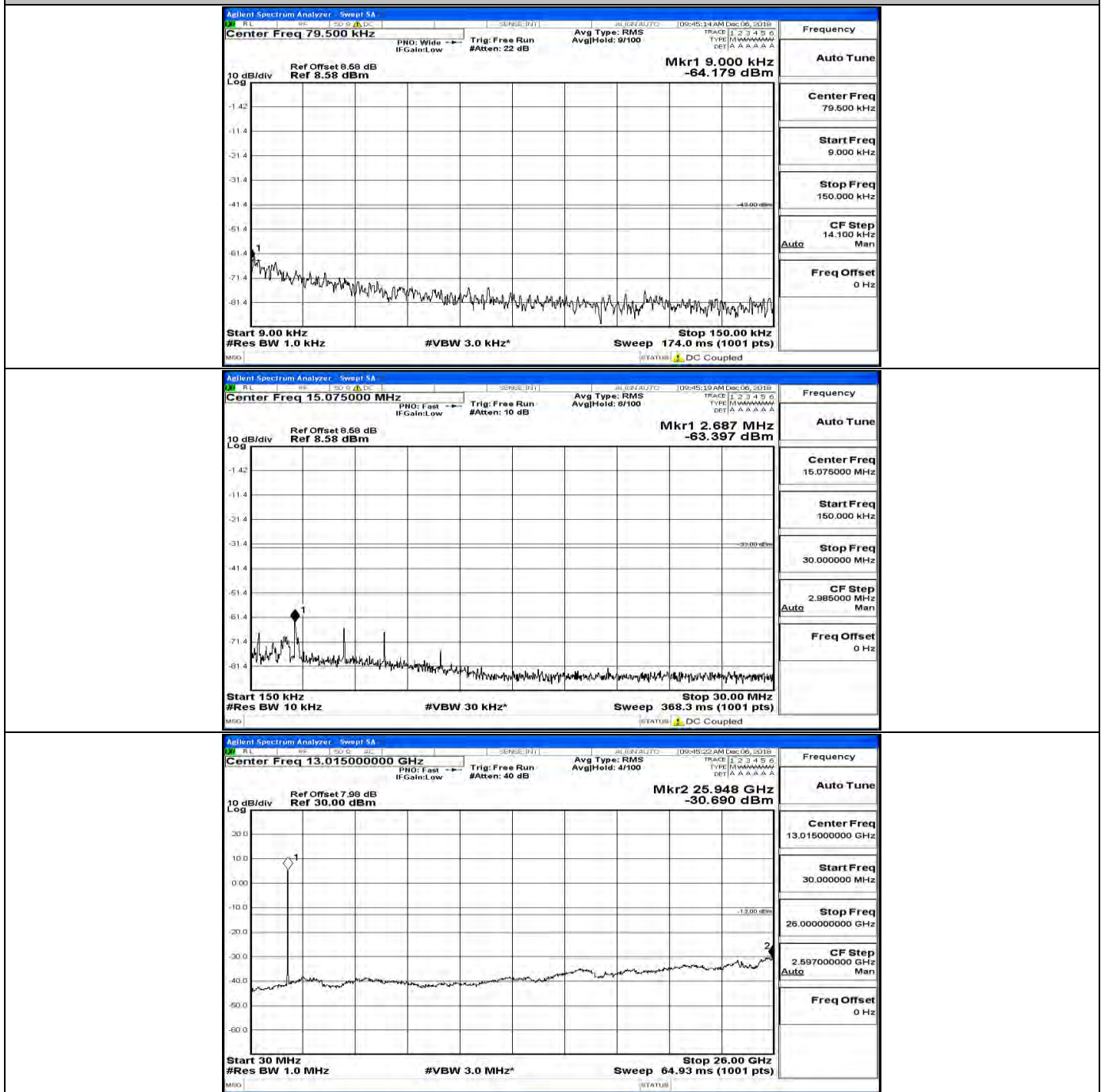## CSE Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK

## CSE Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM
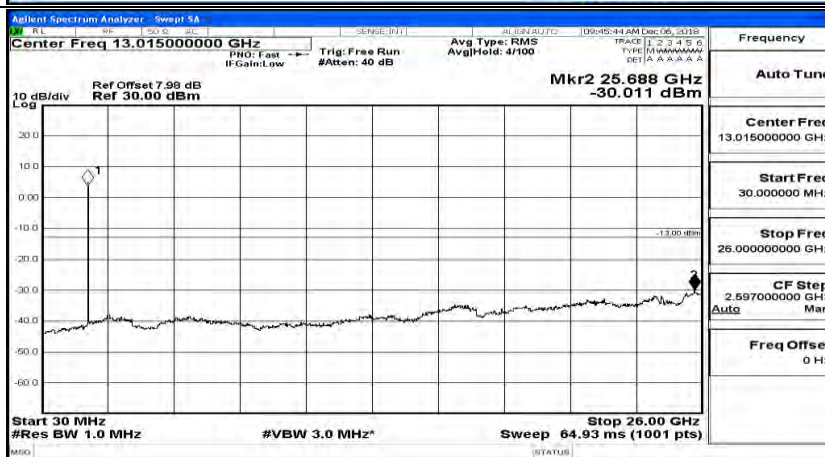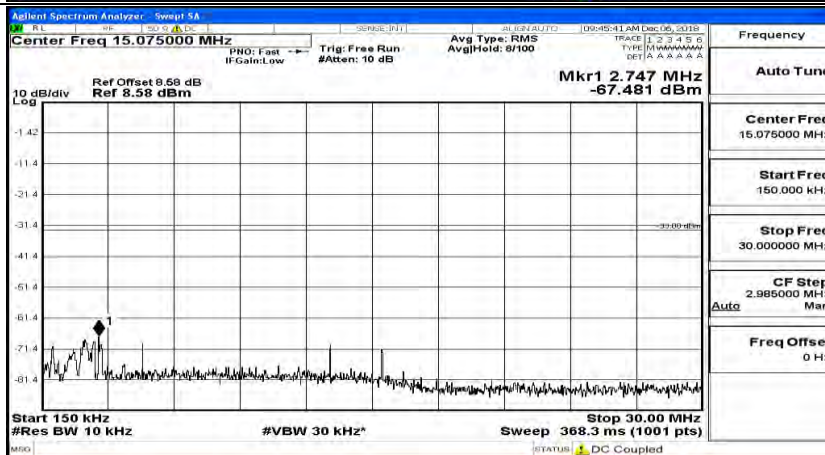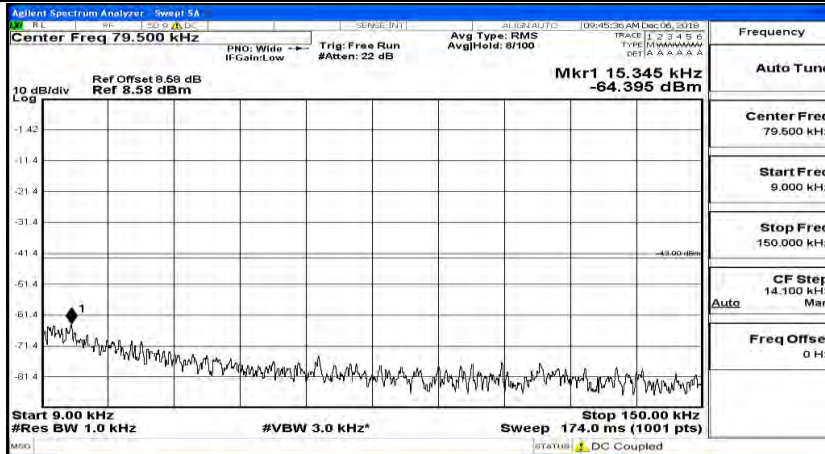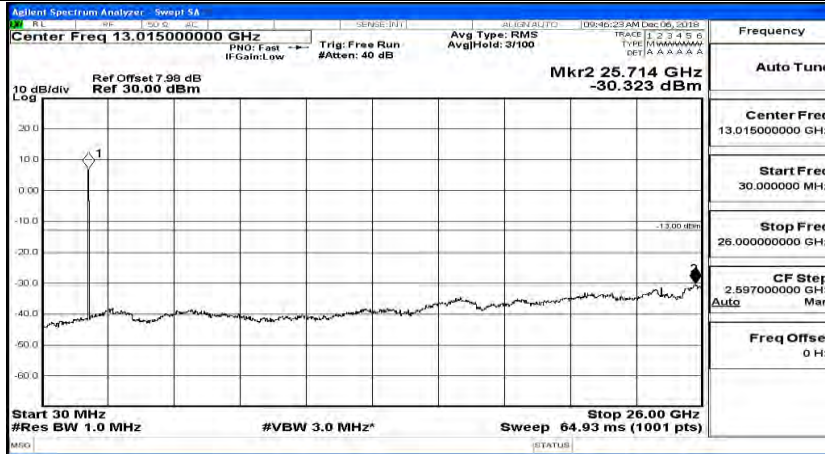
| CSE Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM |
|---|

| CSE Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM |
|---|

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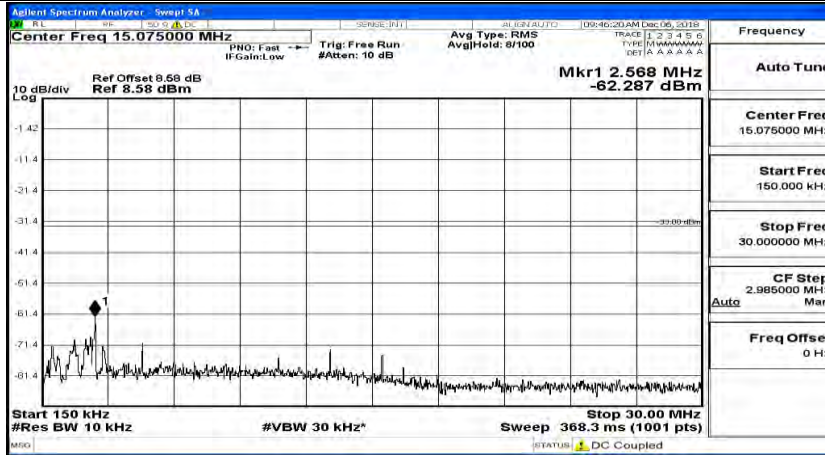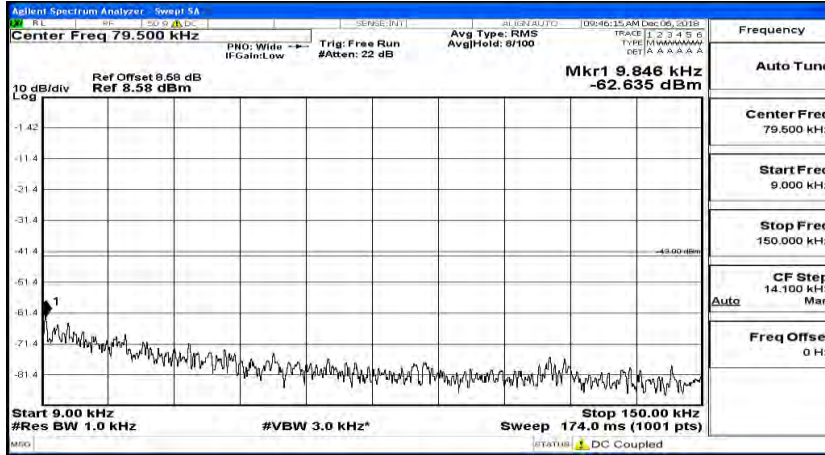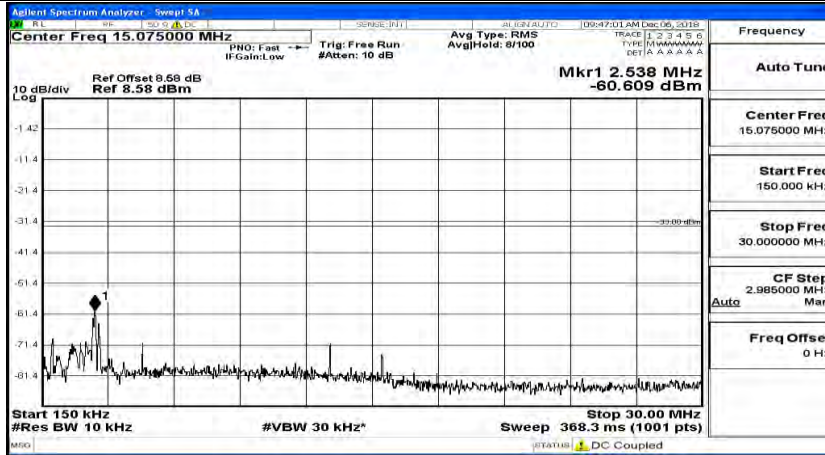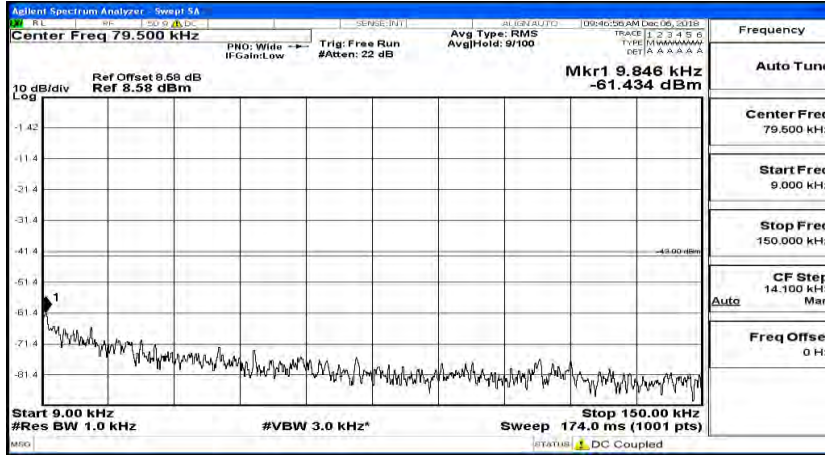## CSE Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK

## CSE Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK







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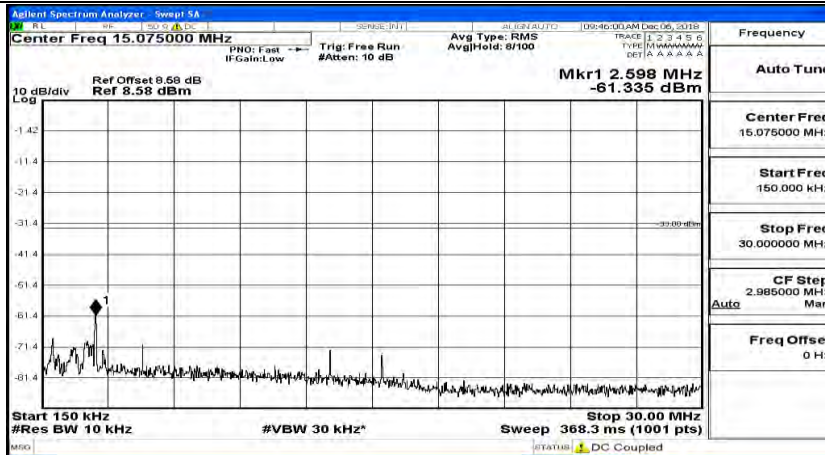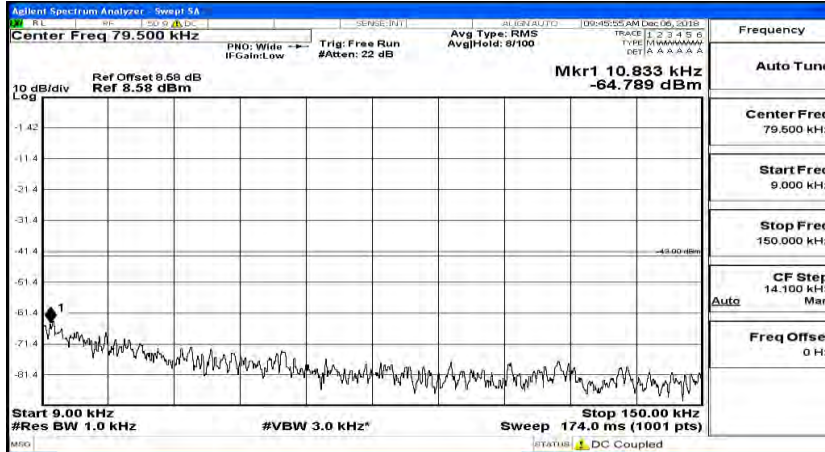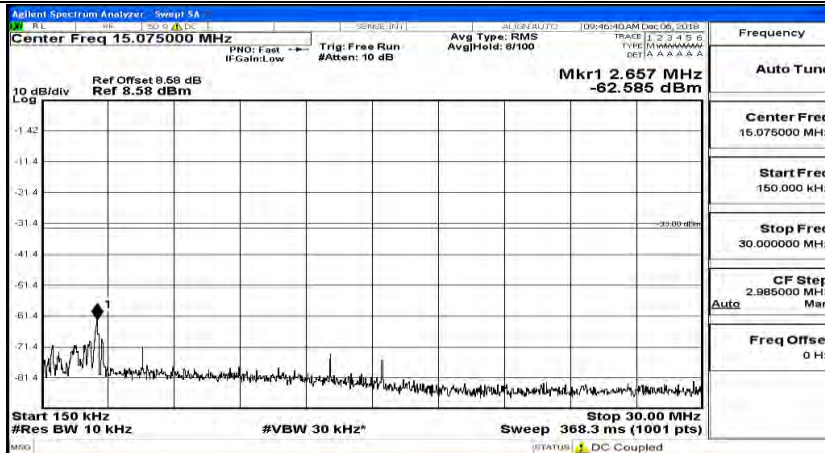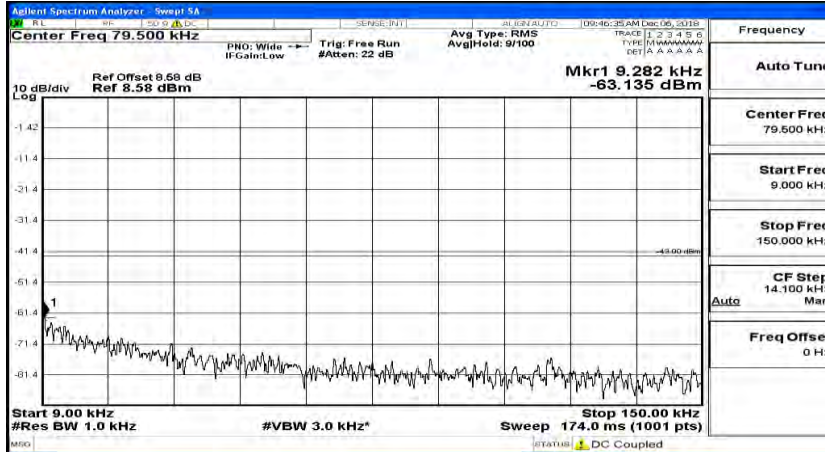
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## CSE Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK

| CSE Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM |
|---|

| CSE Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_16QAM |
|---|

| CSE Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM |
|---|