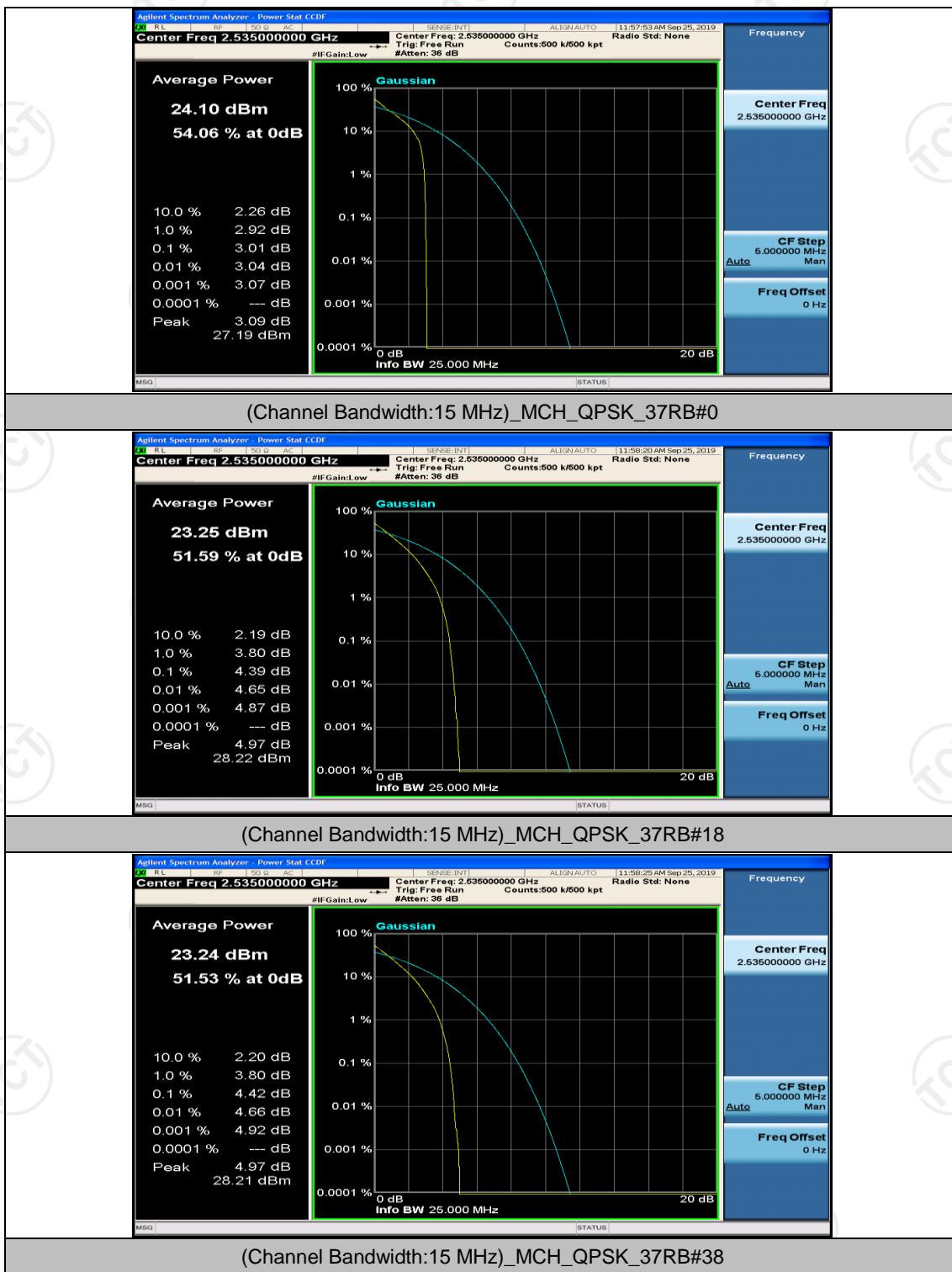
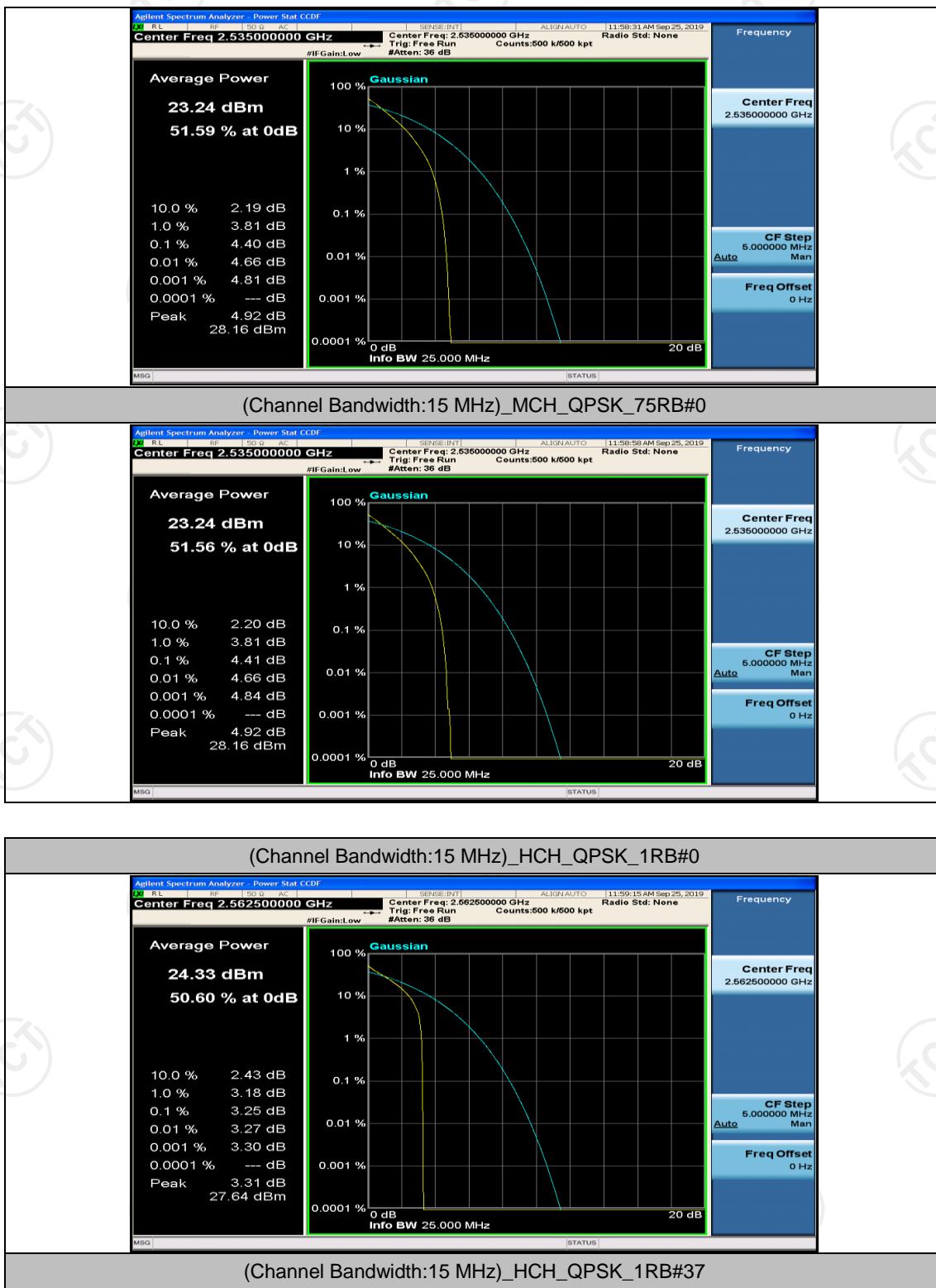
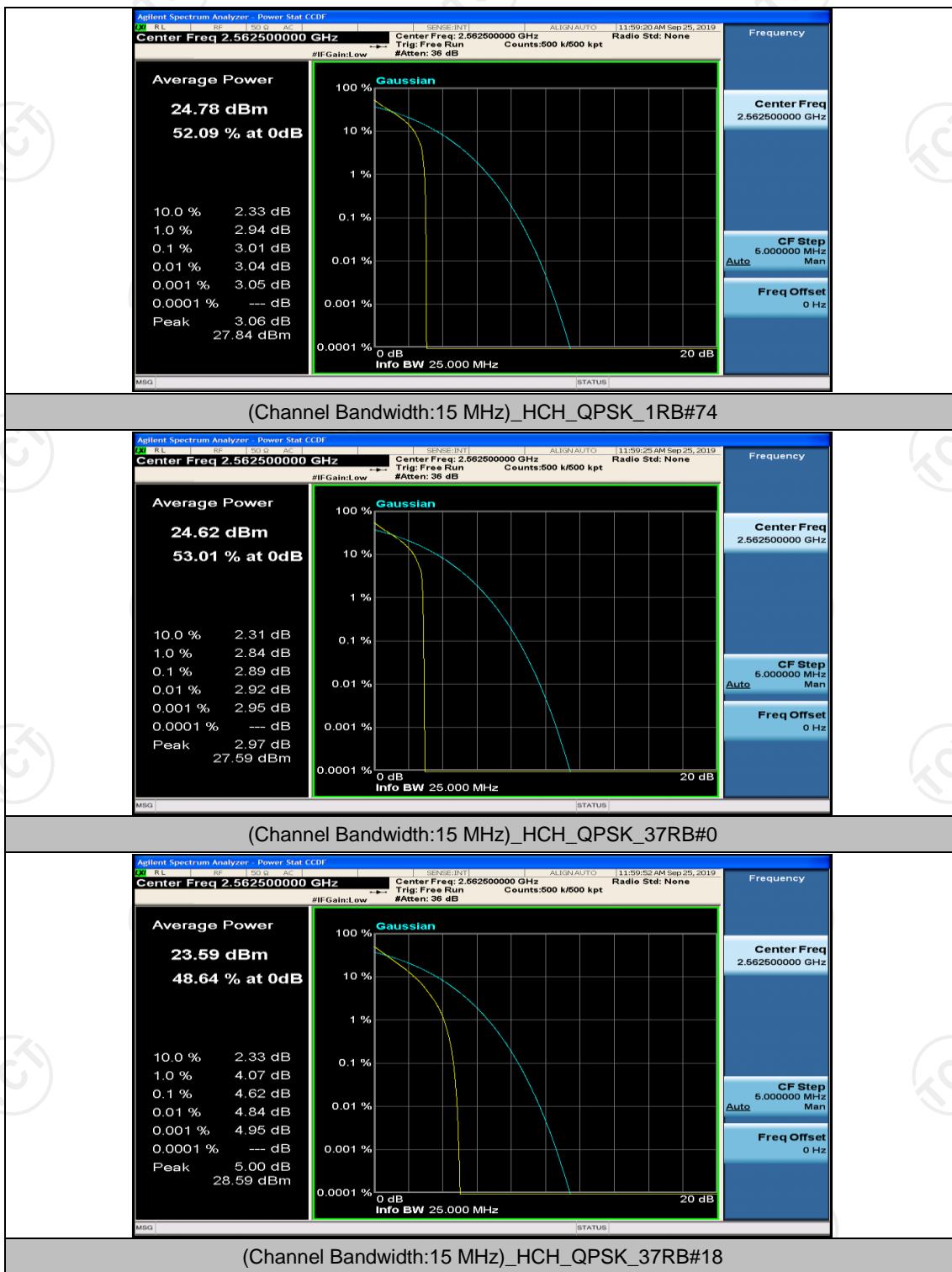
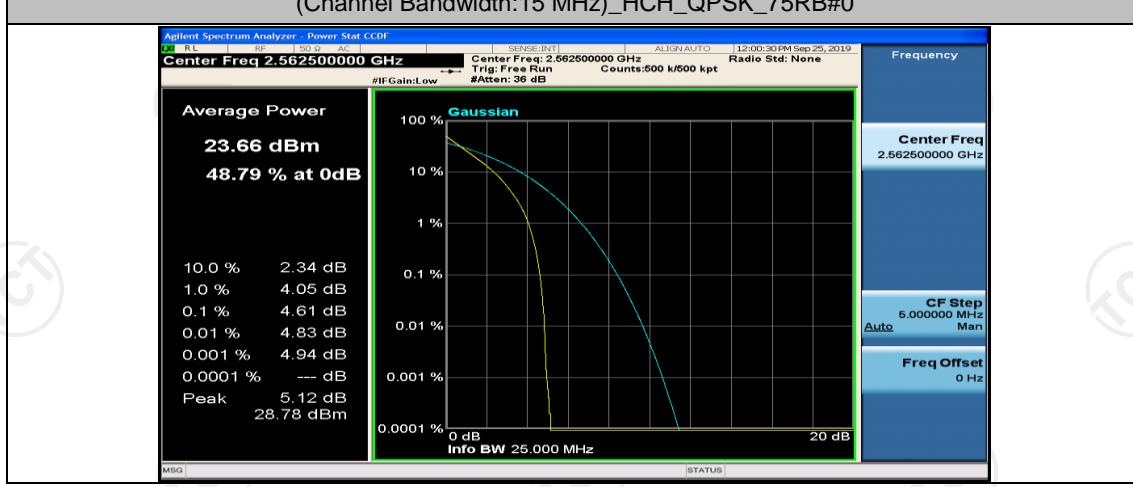
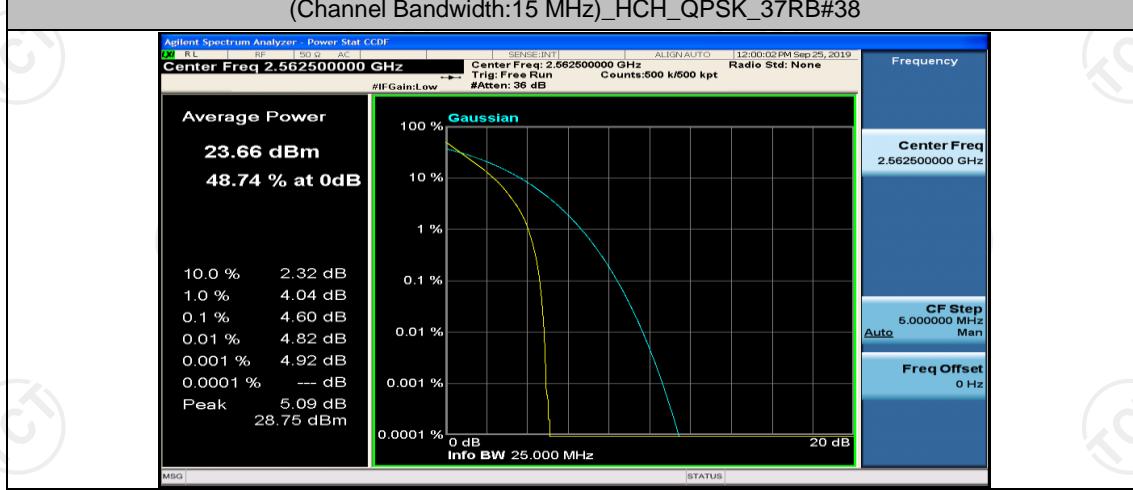
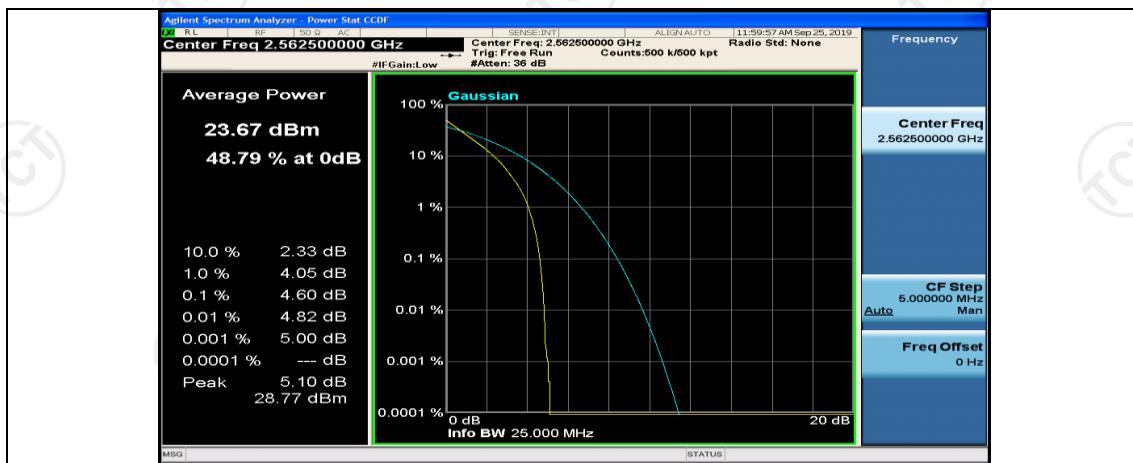


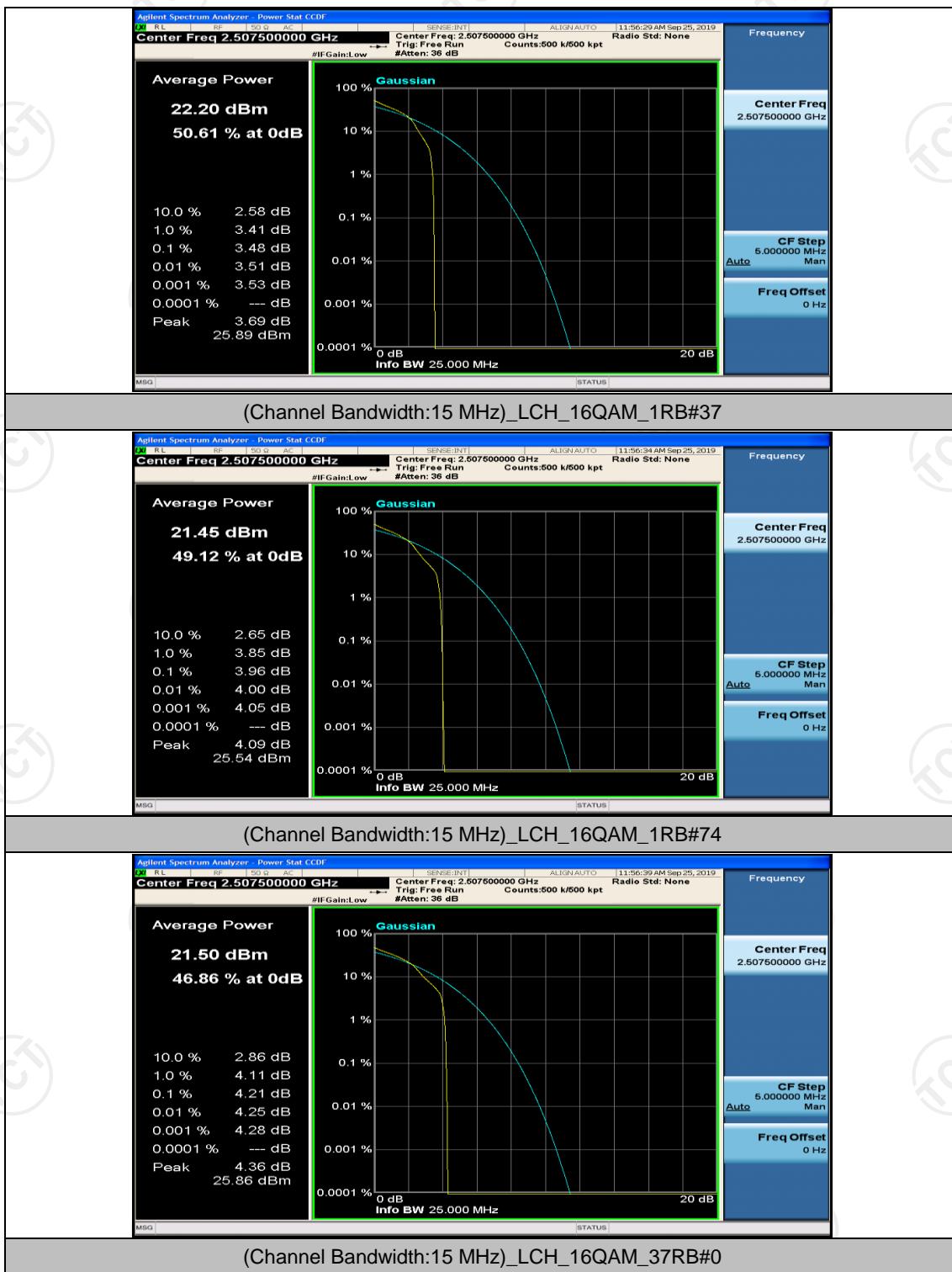
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74

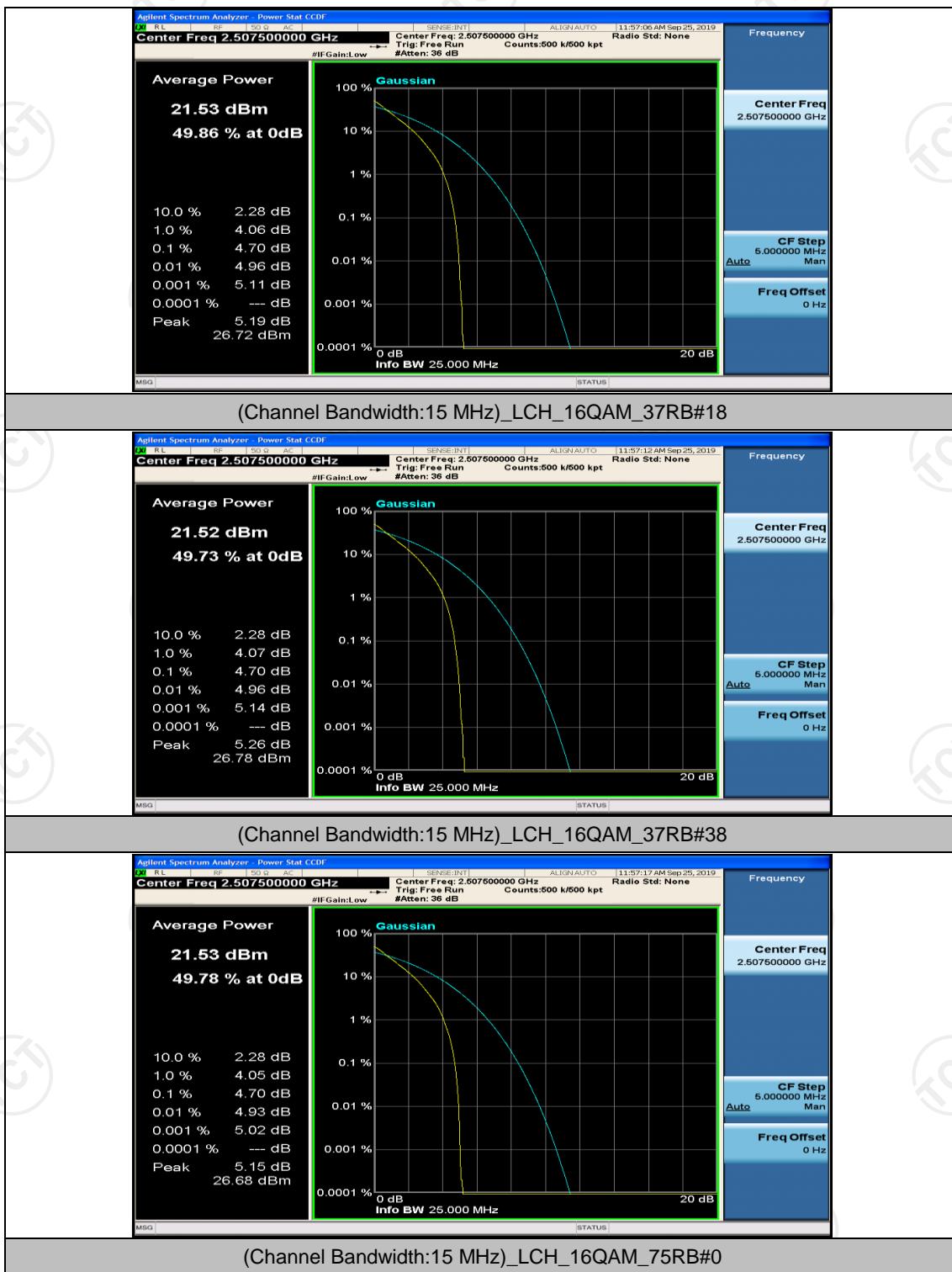


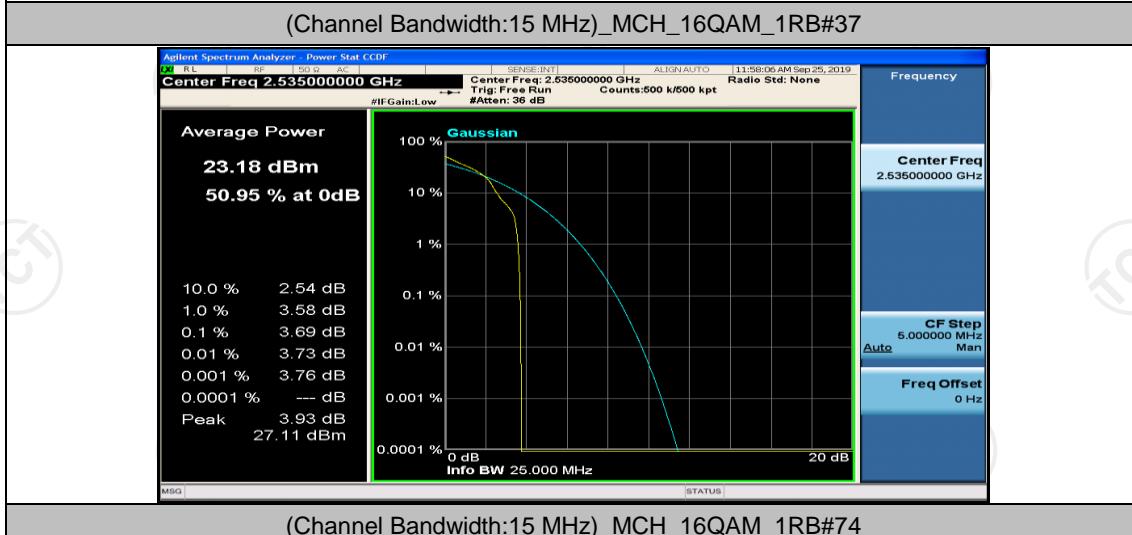
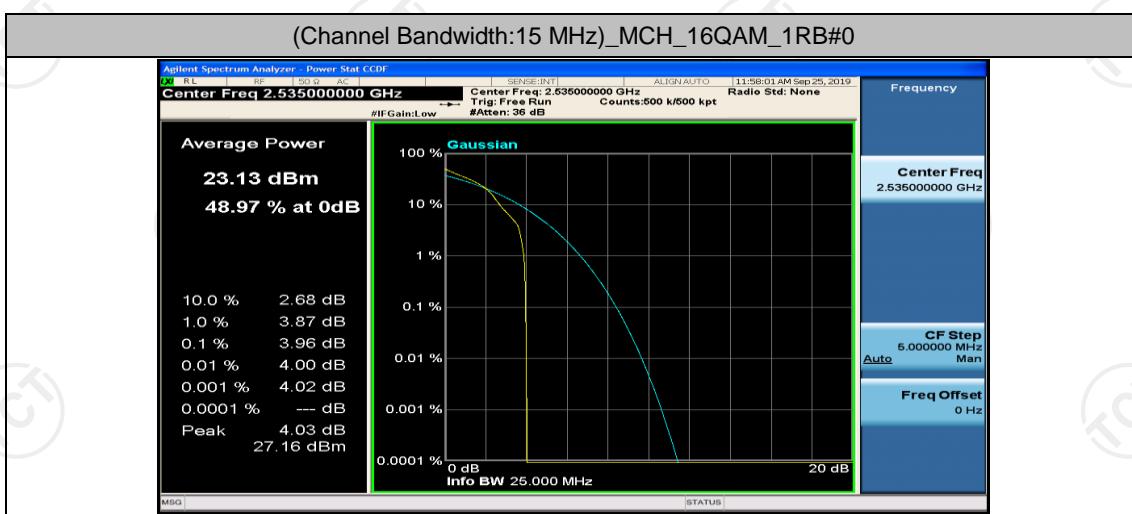
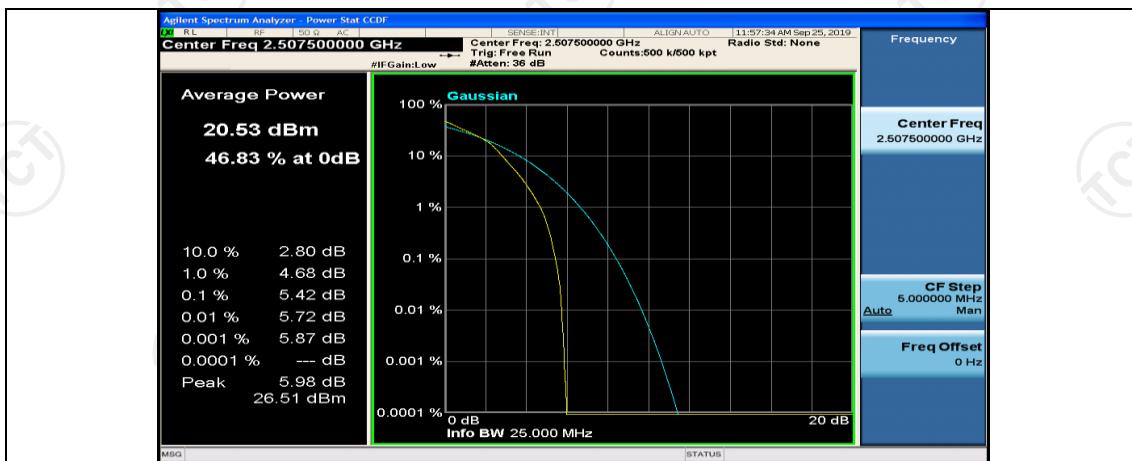


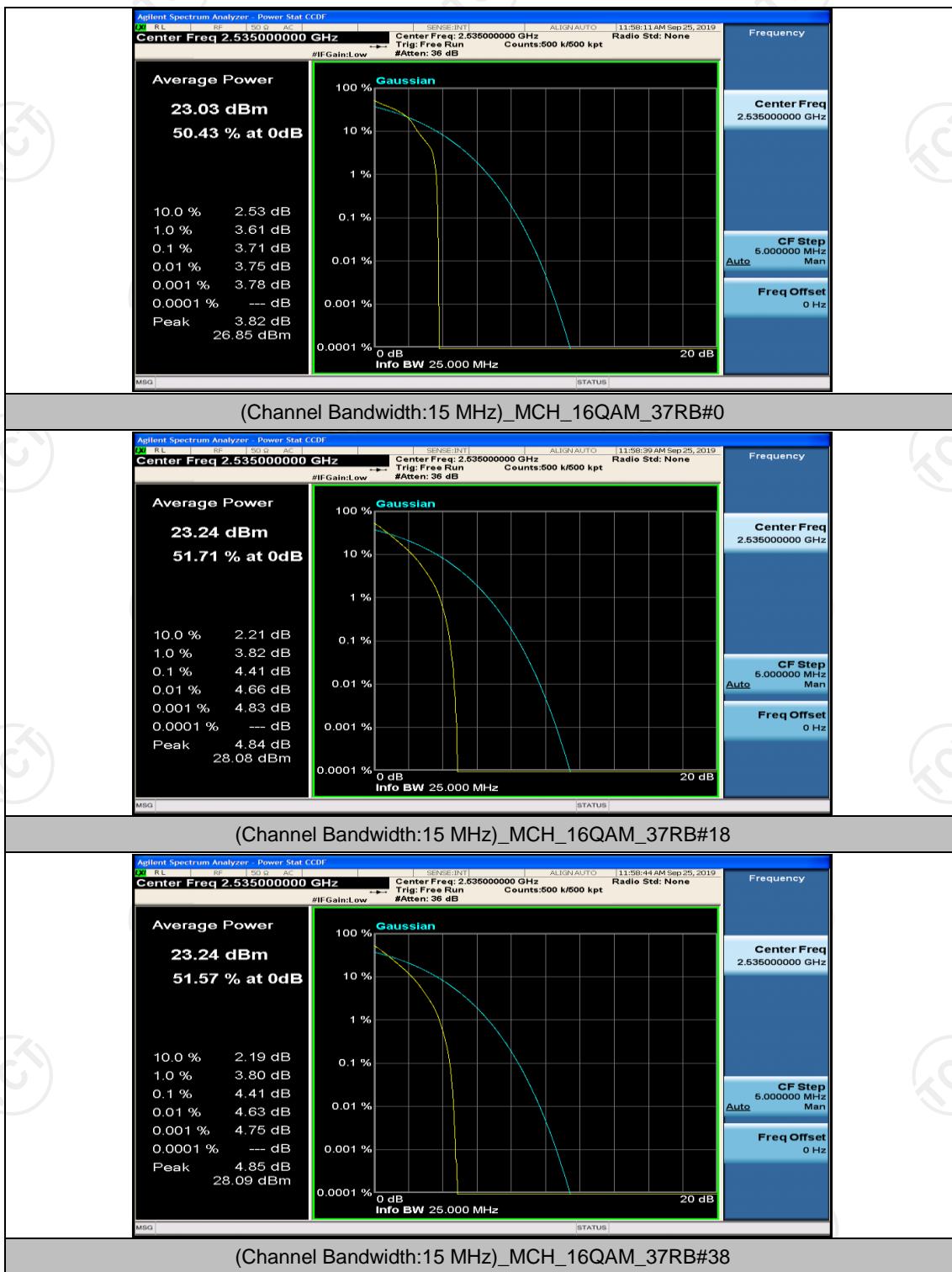


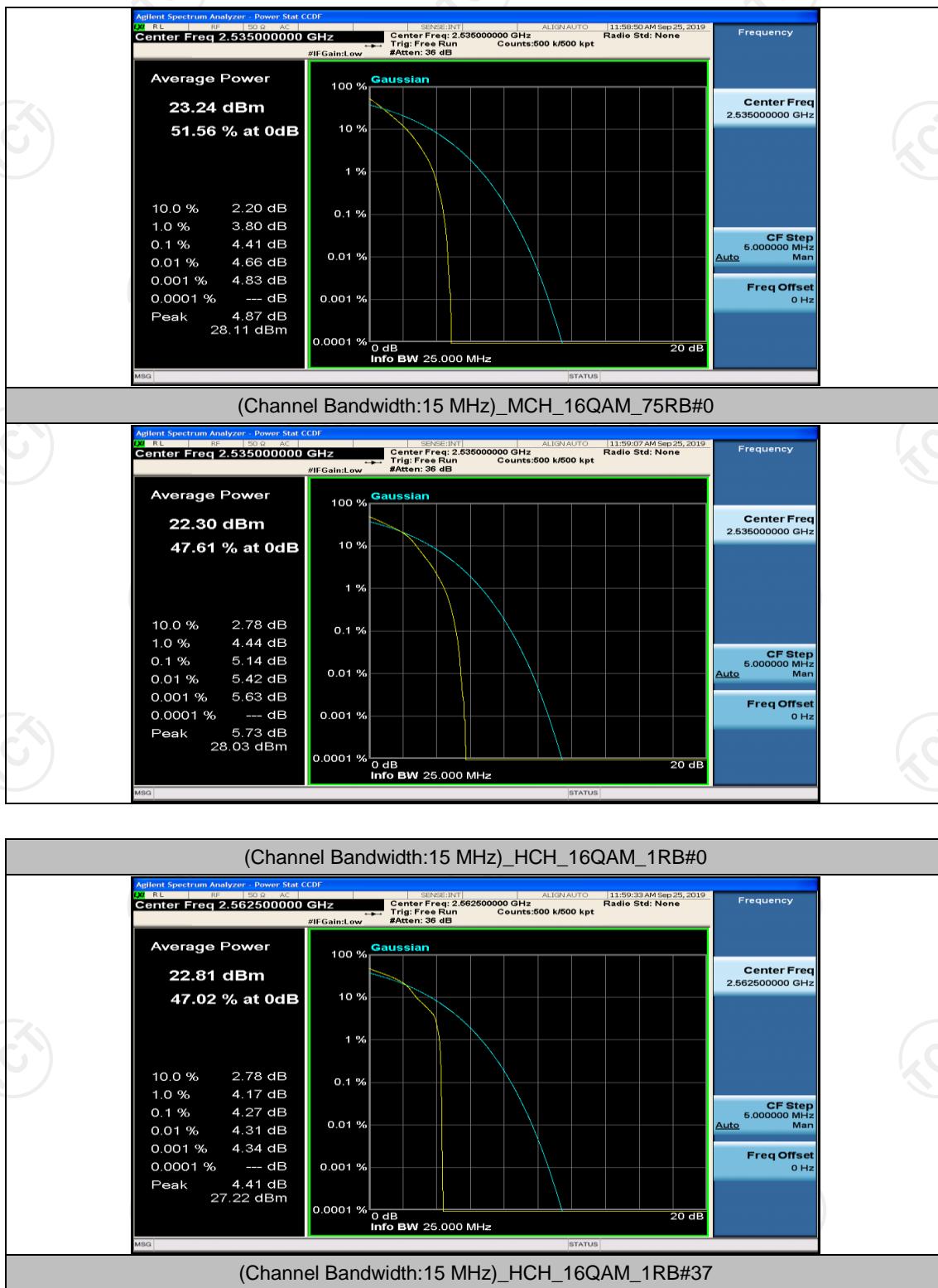


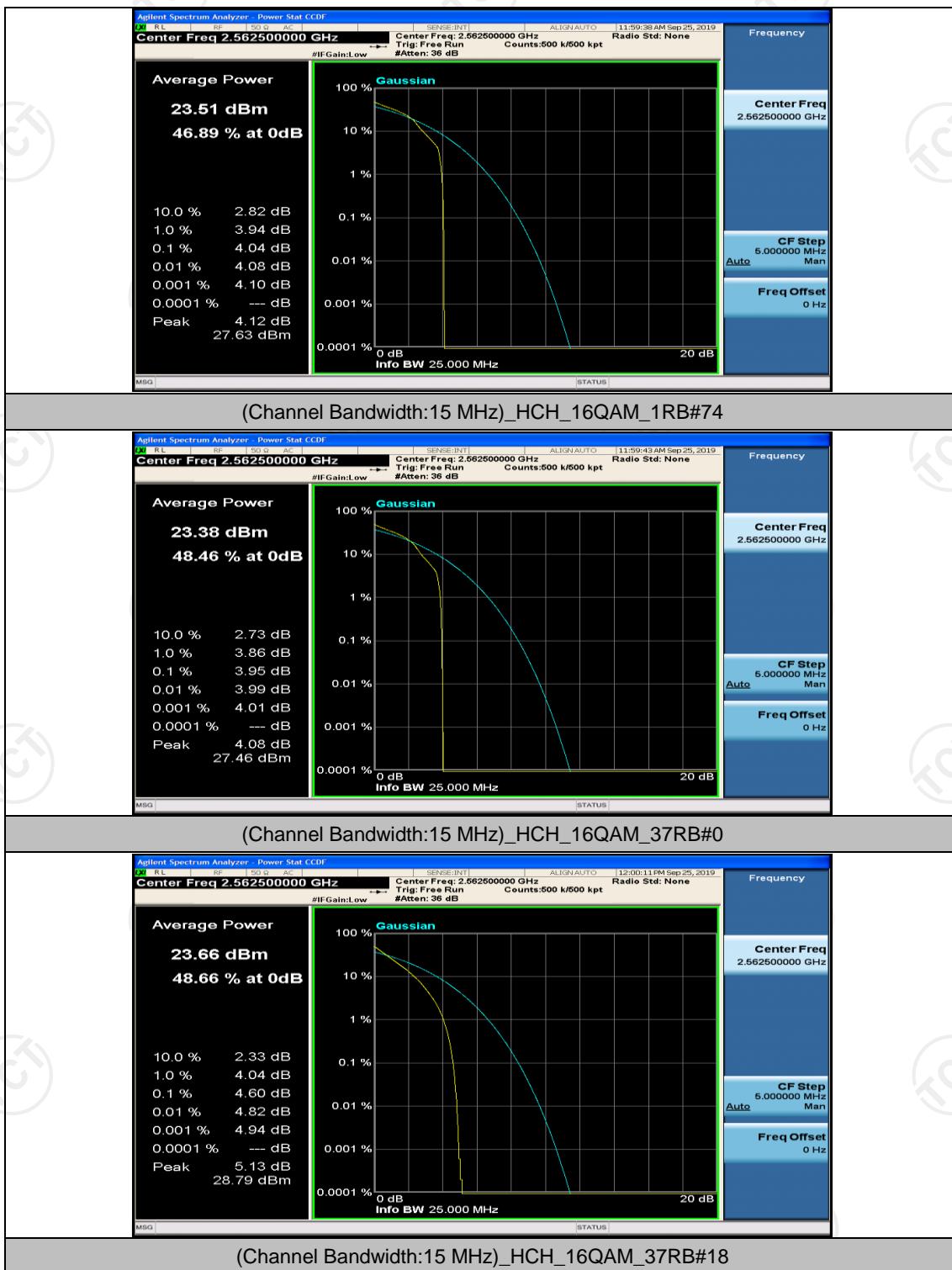


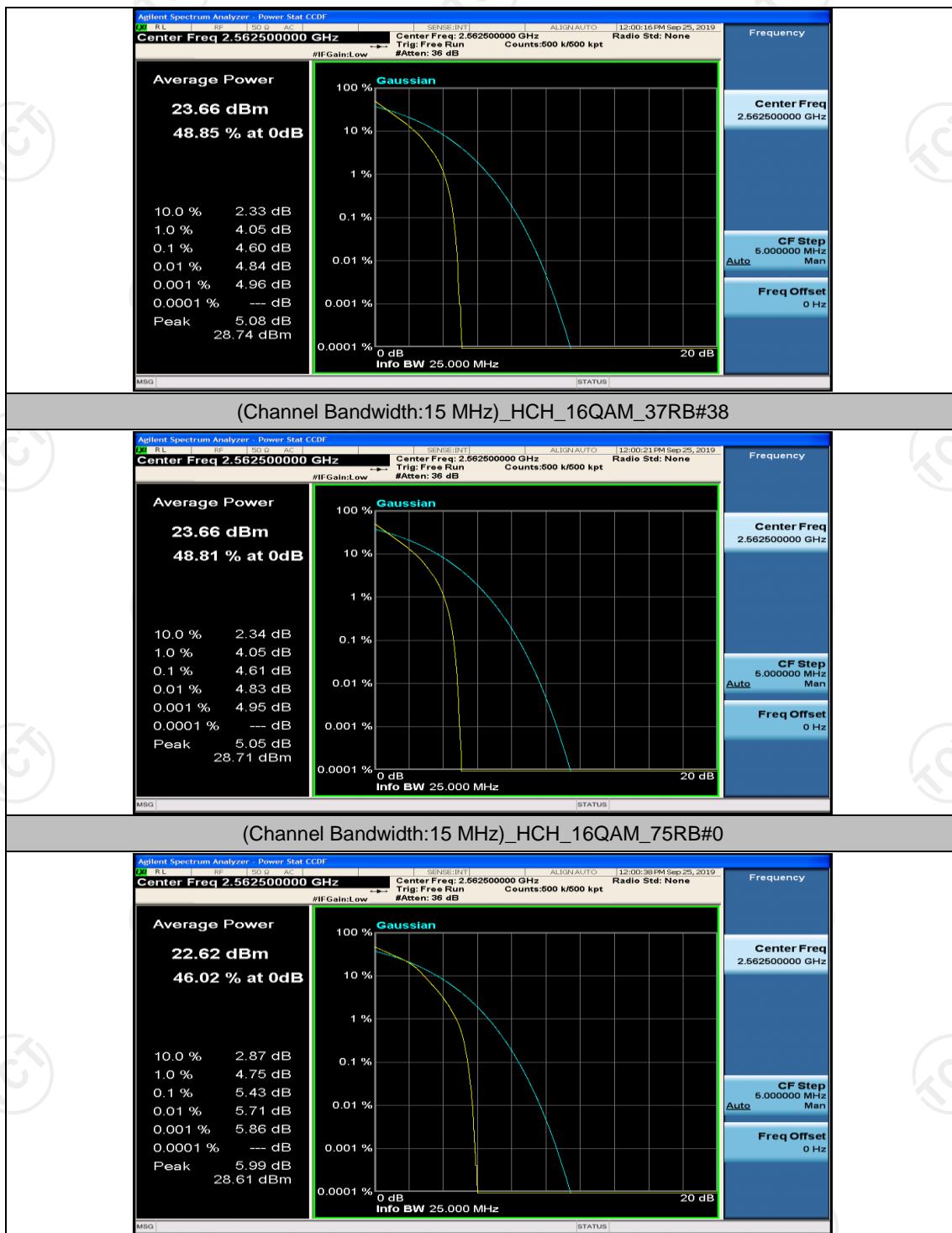






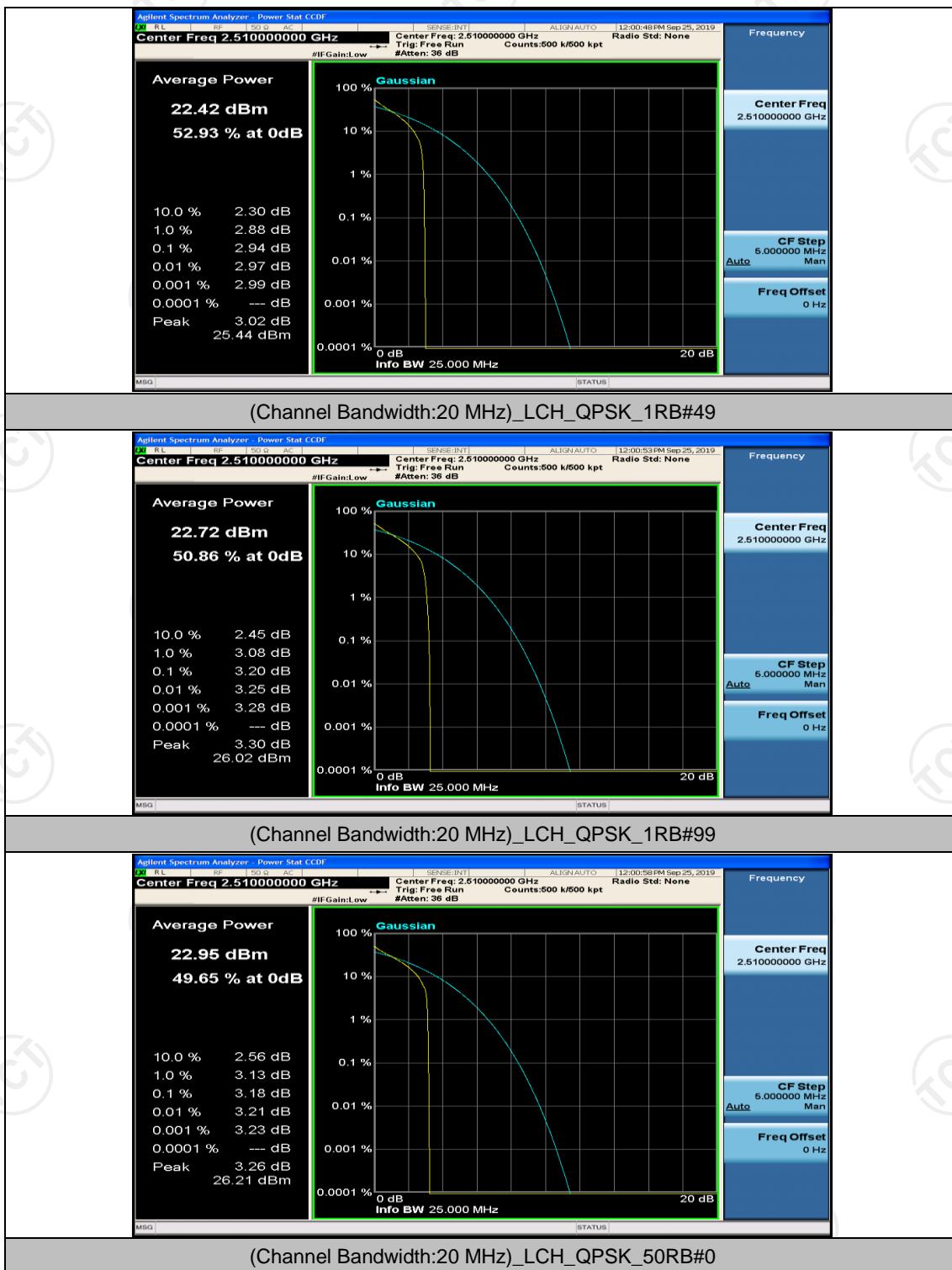


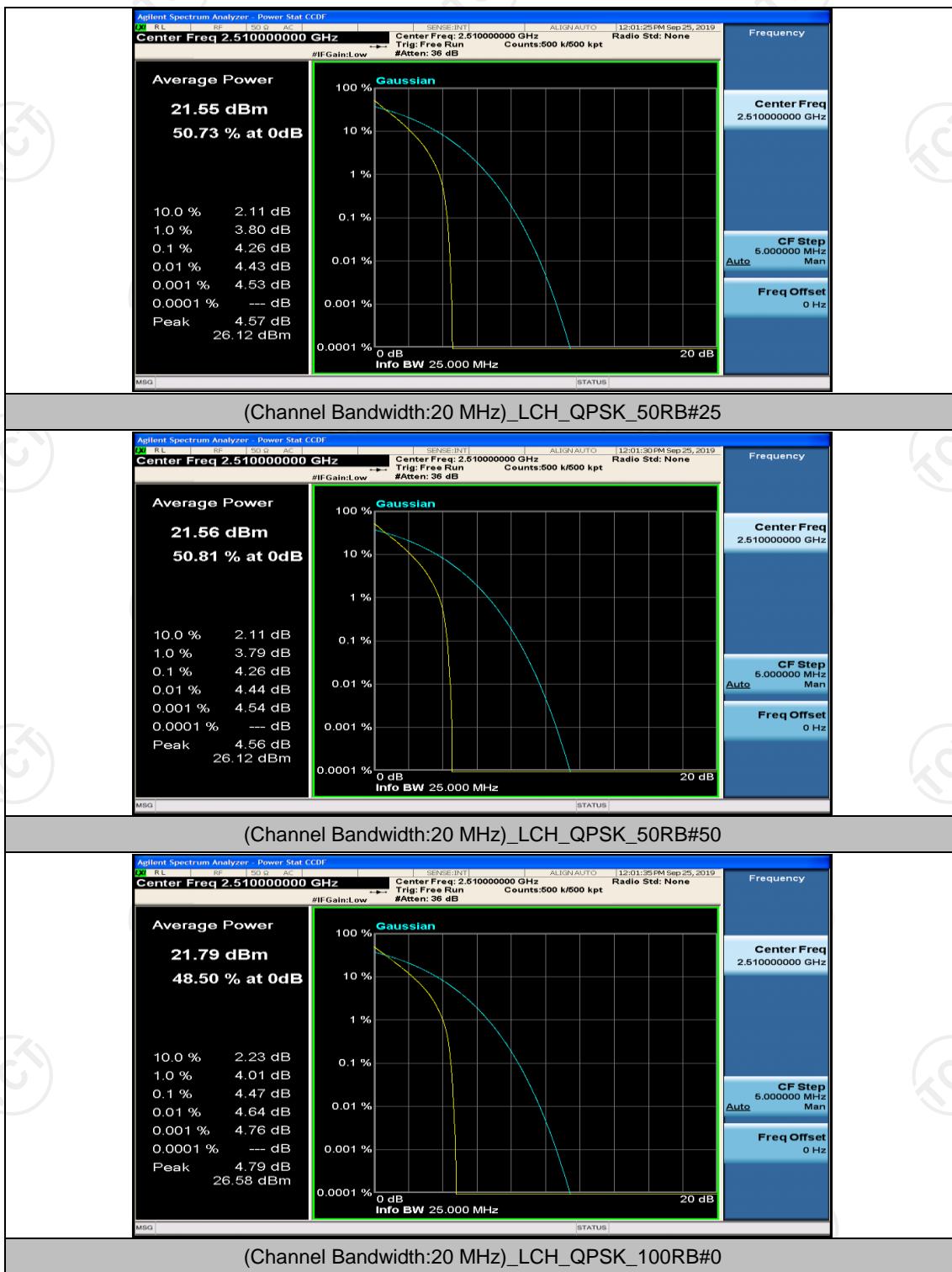


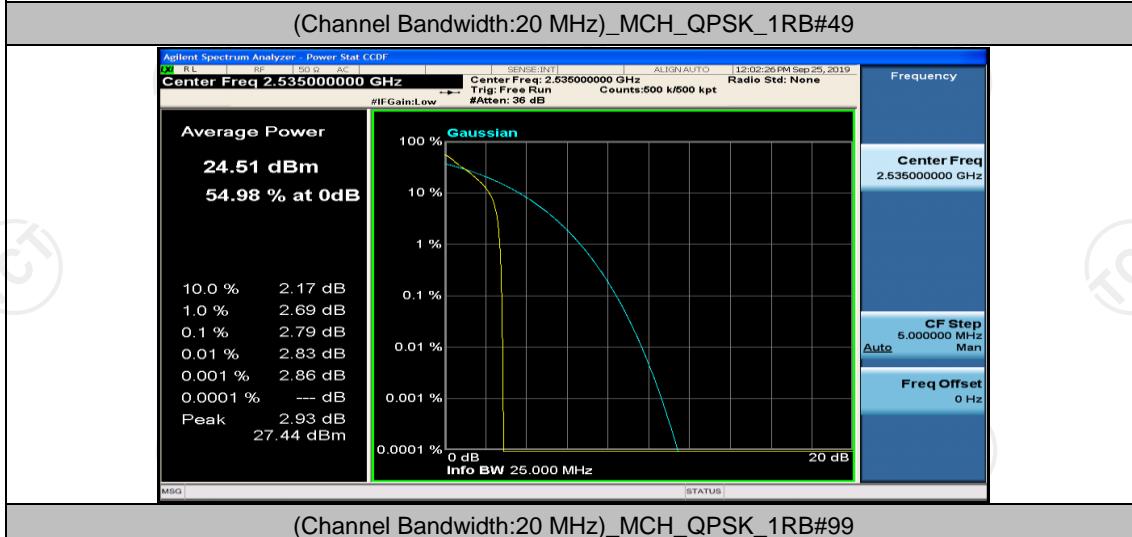
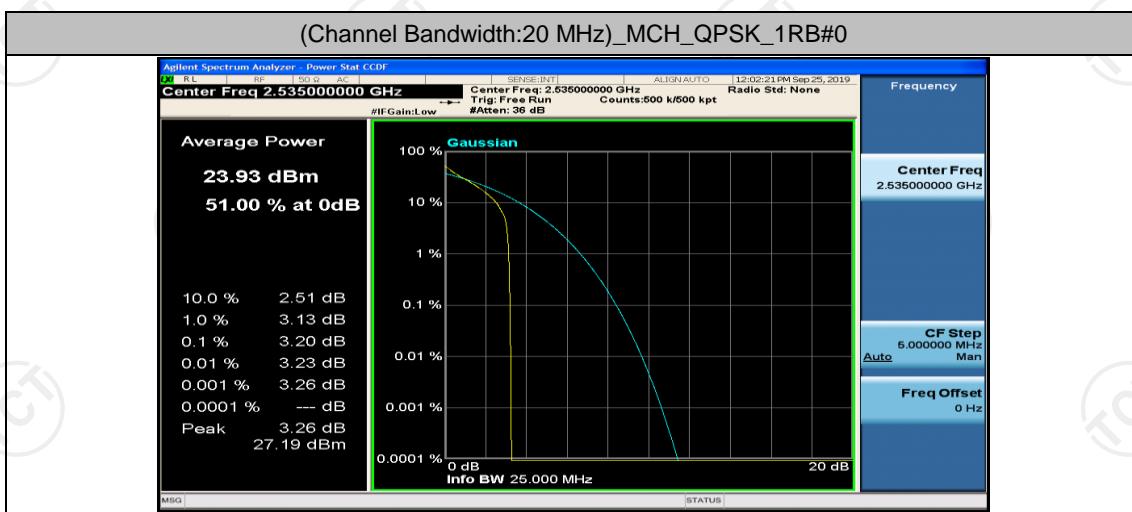
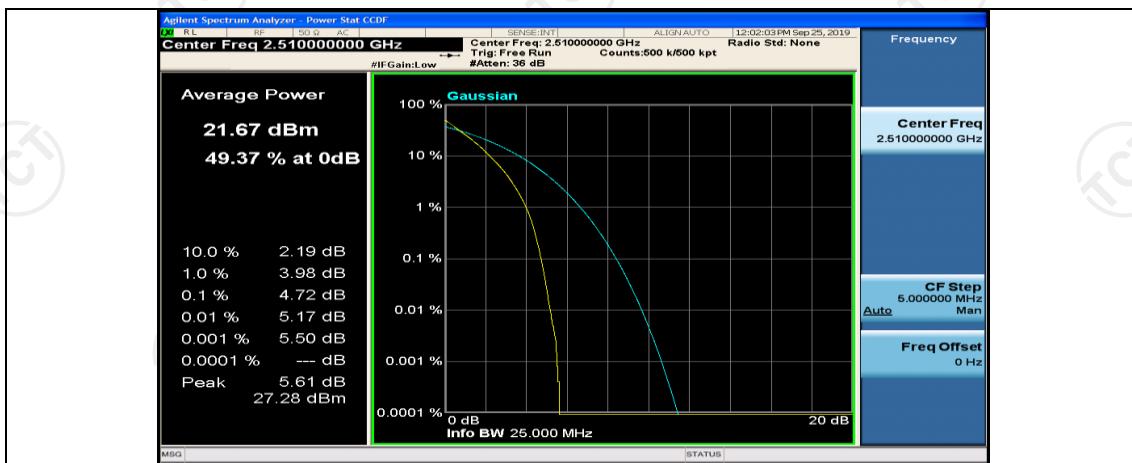


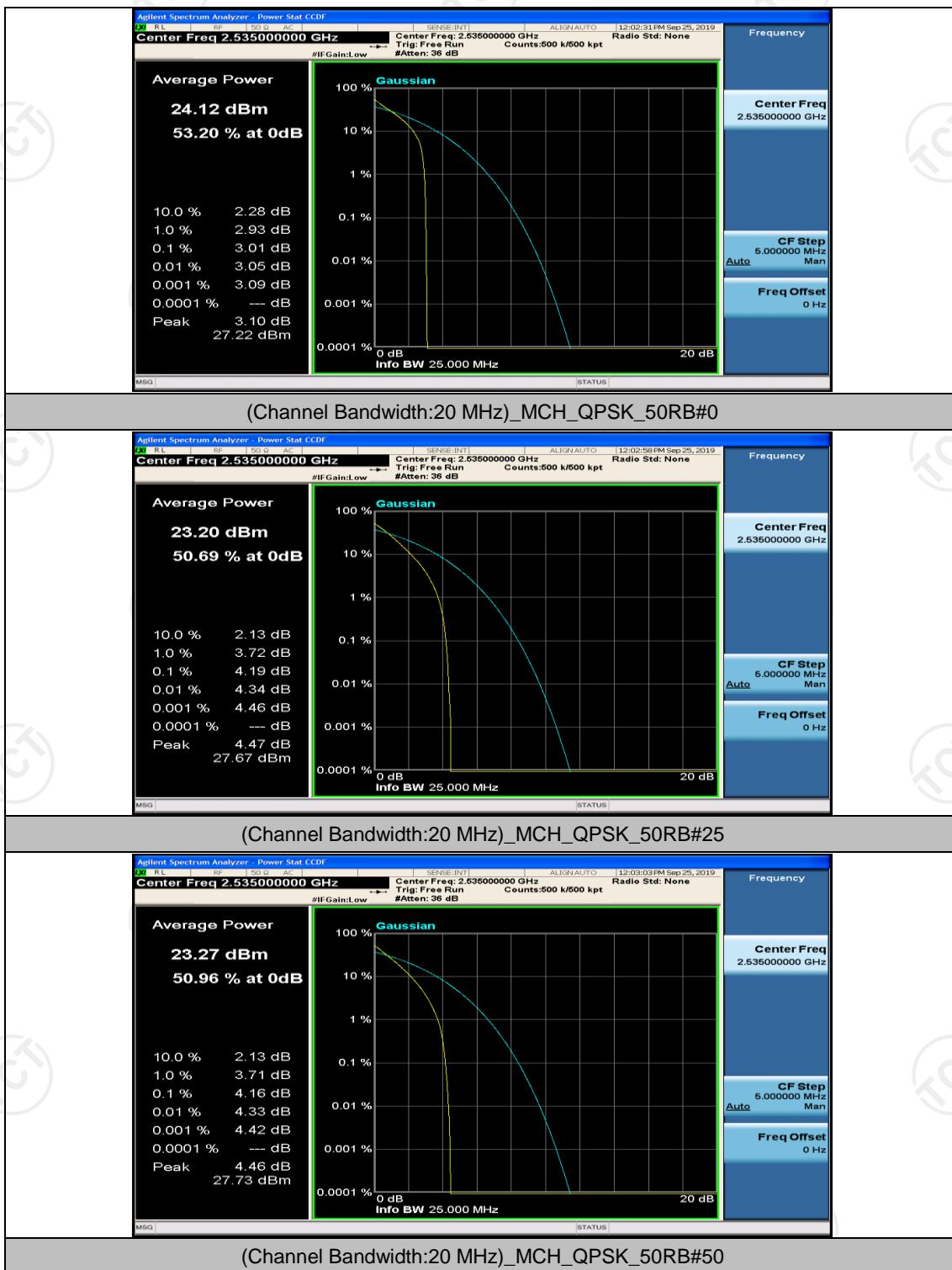
Channel Bandwidth: 20 MHz

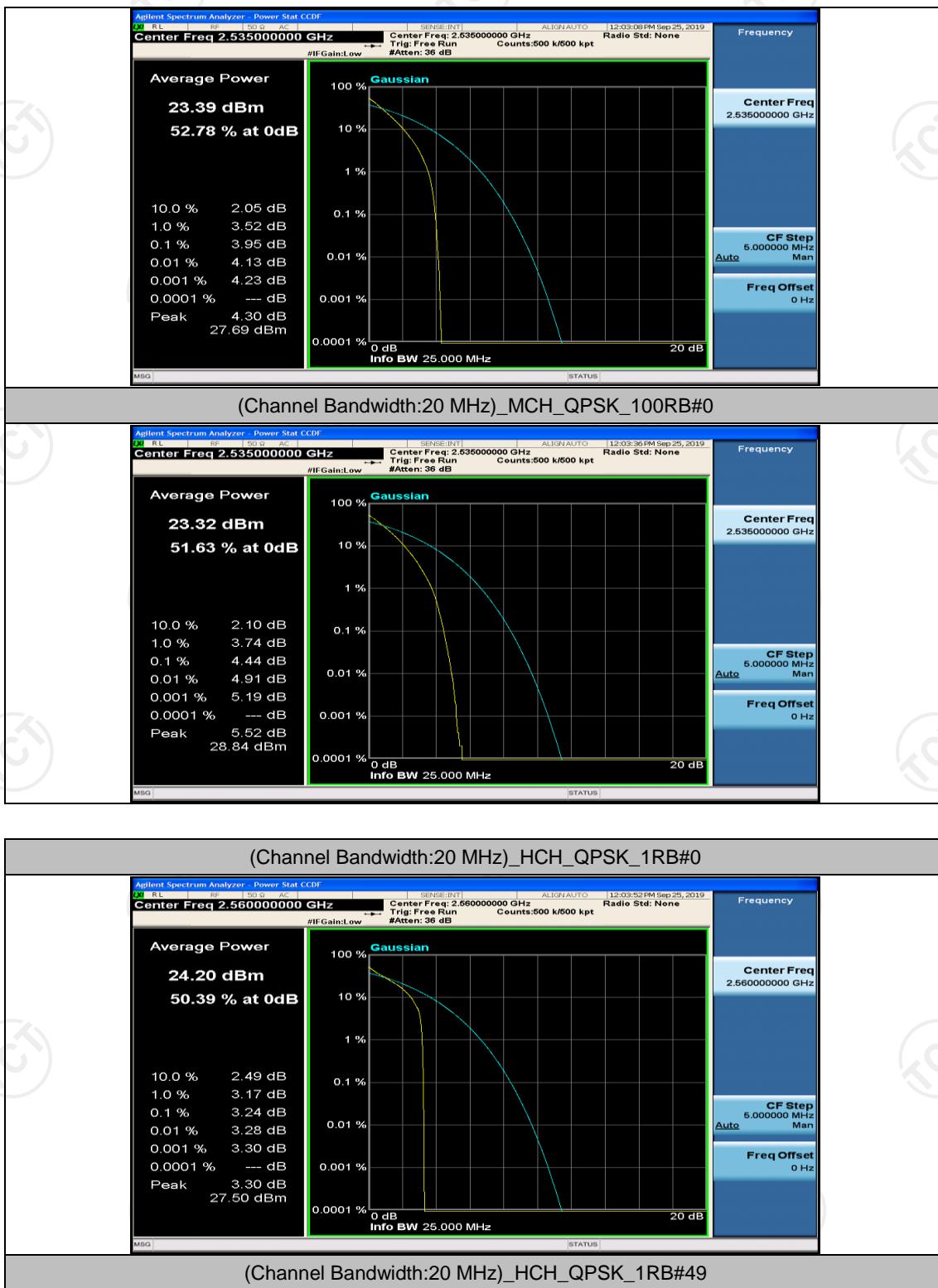
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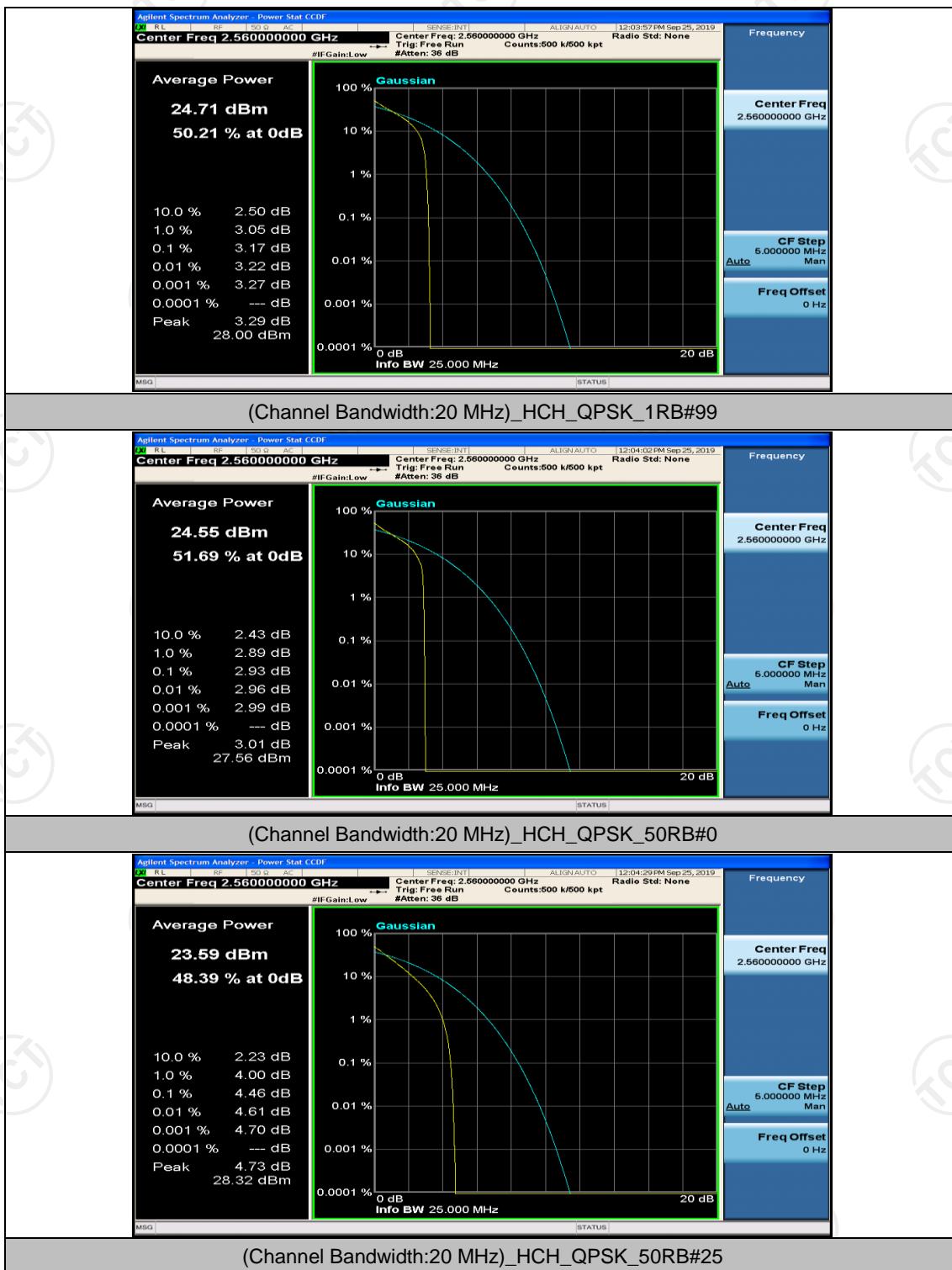


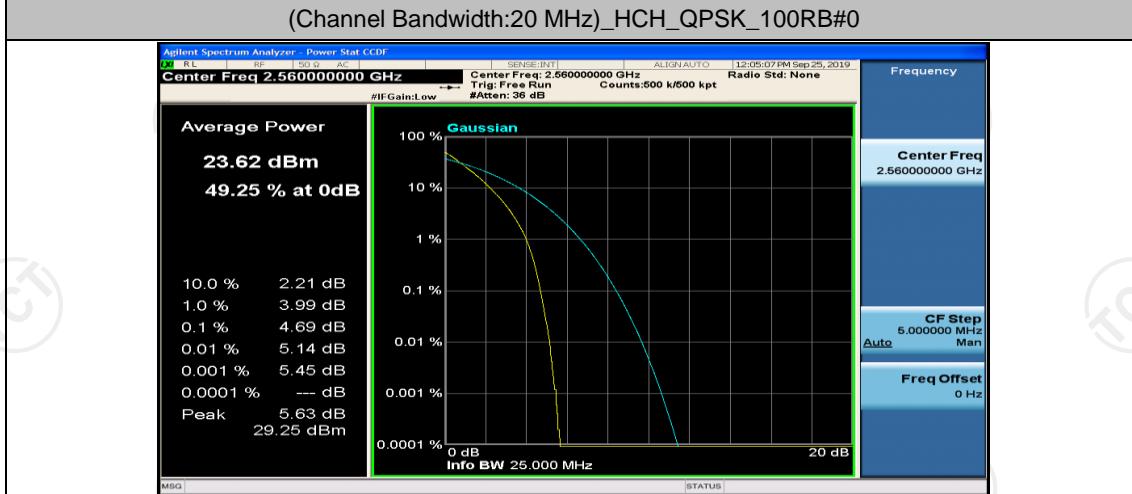
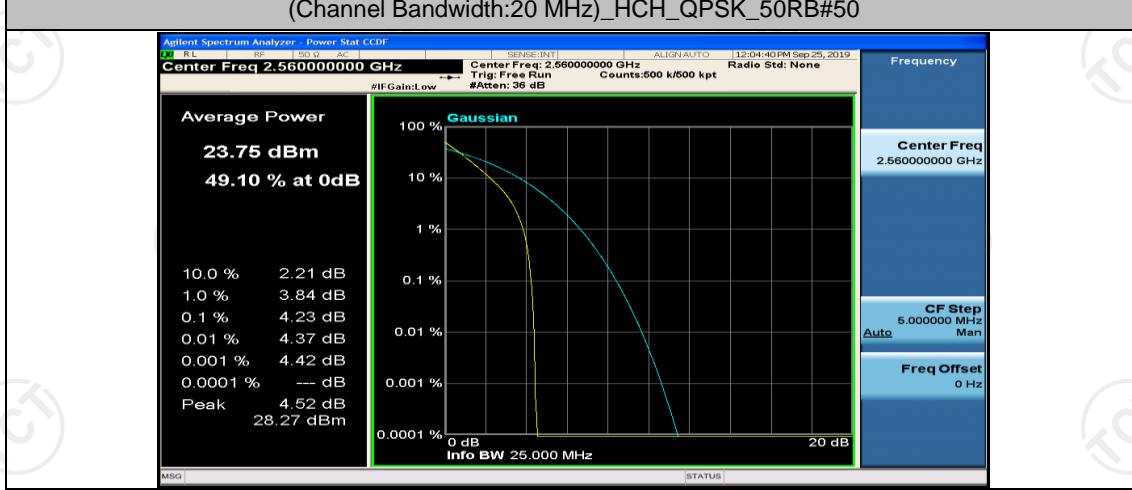




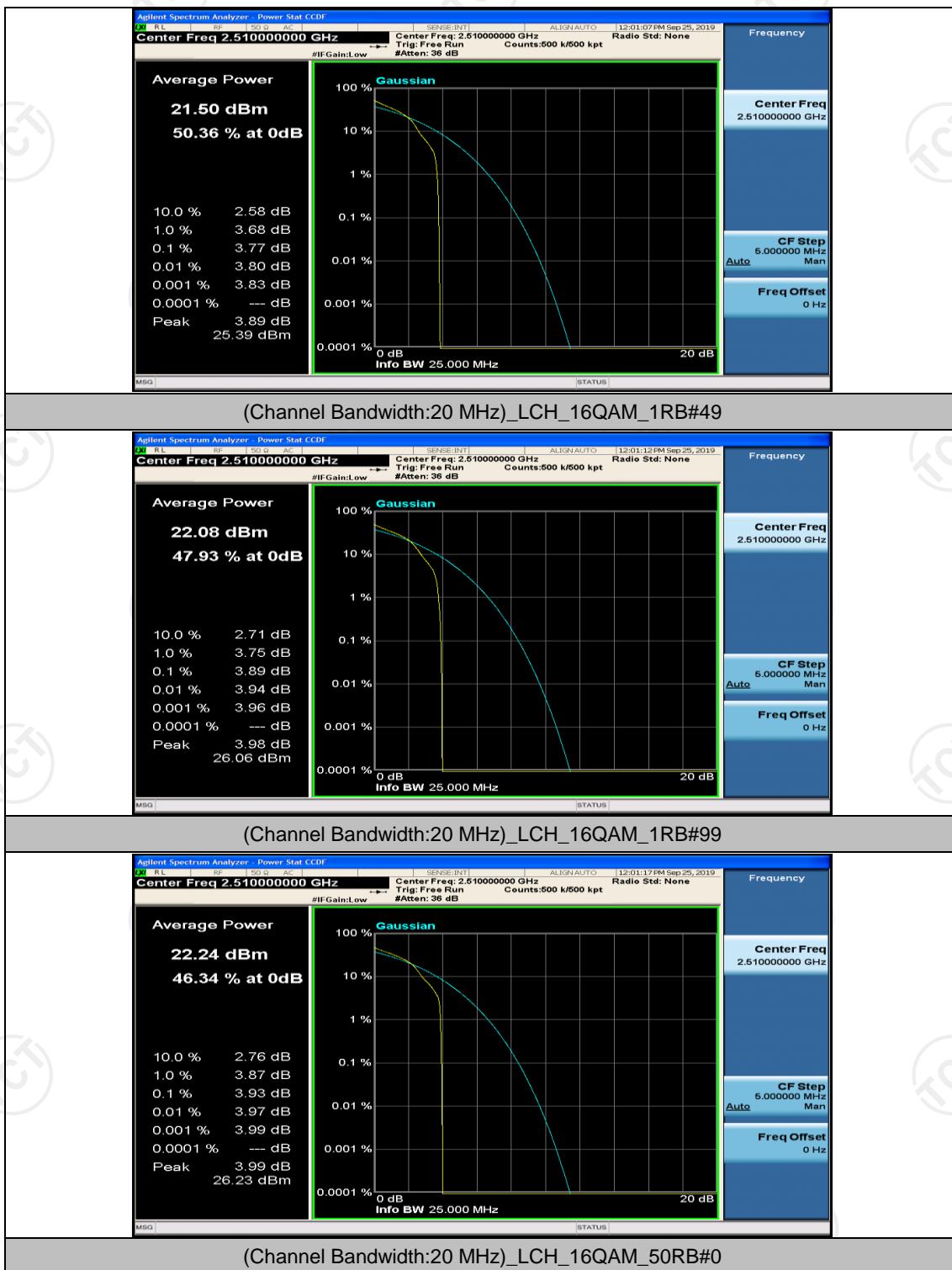


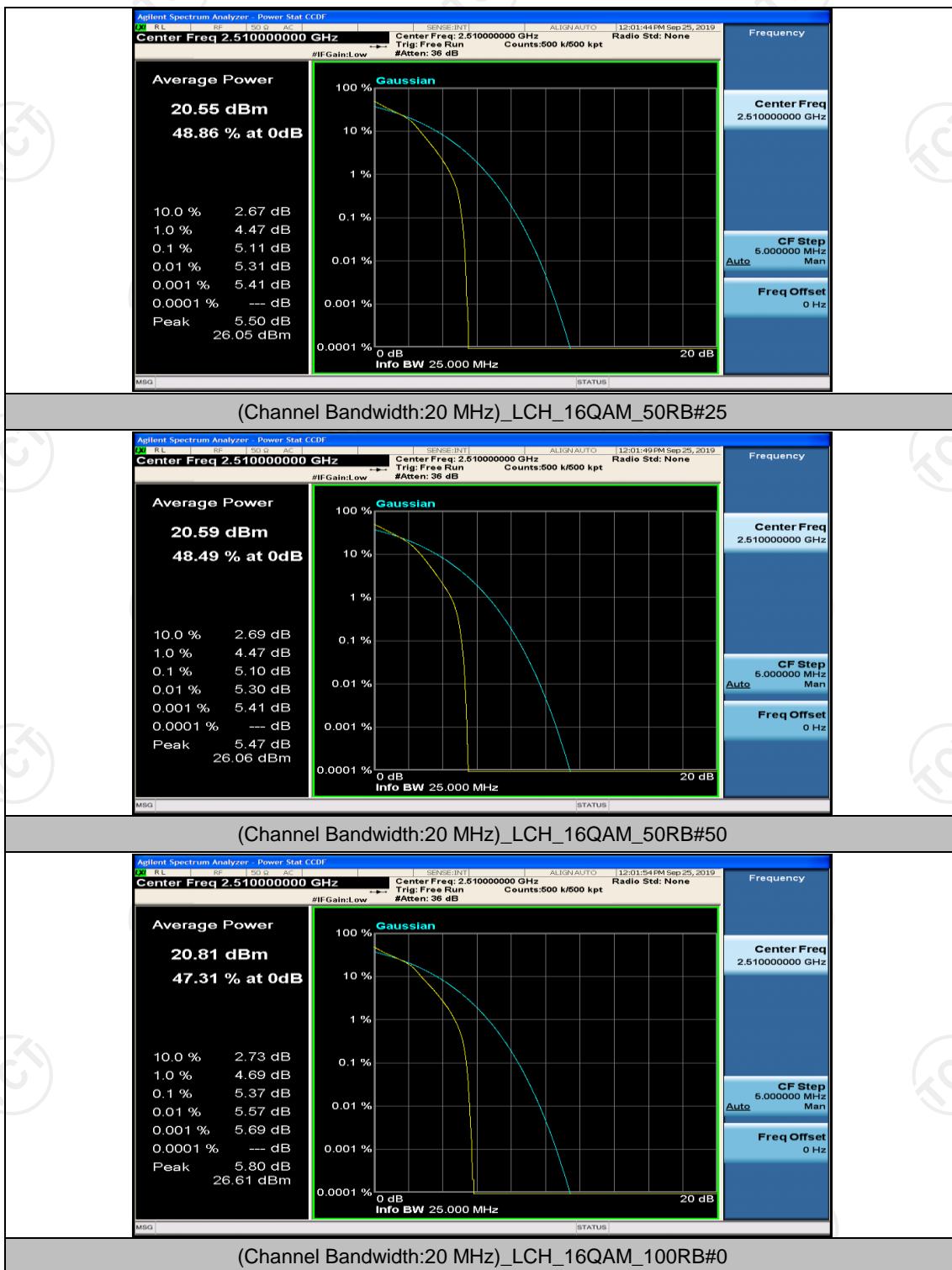


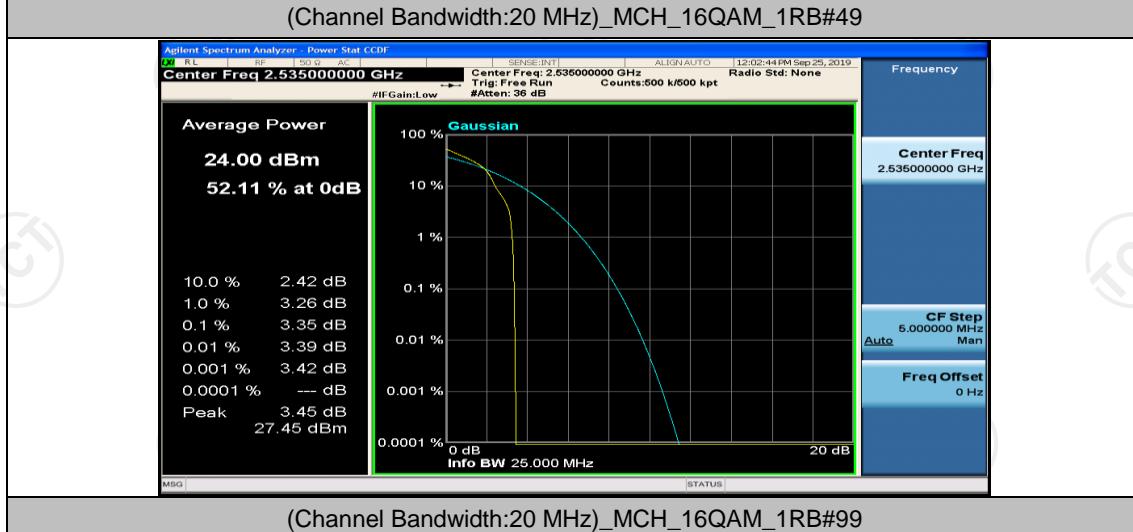
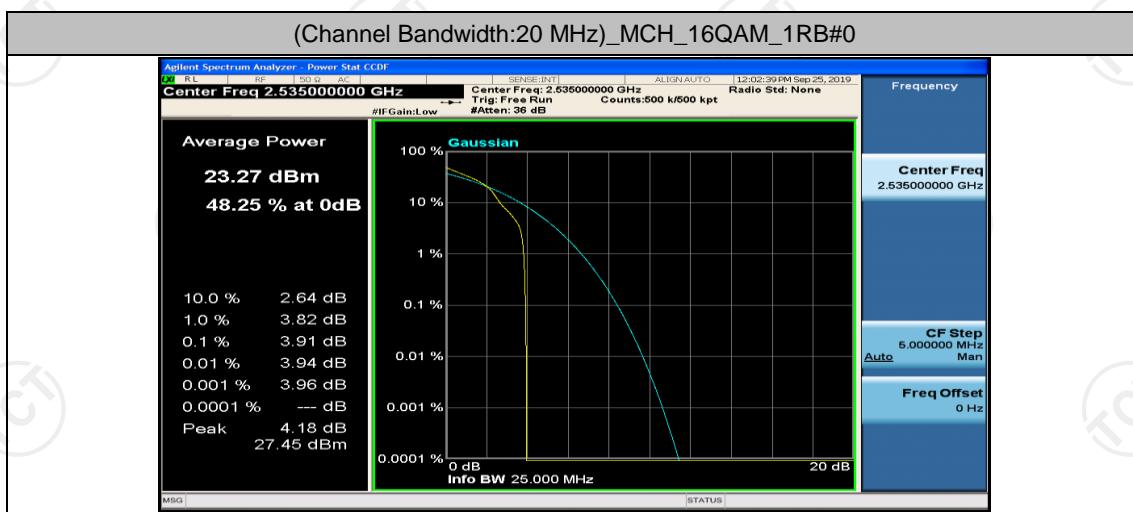
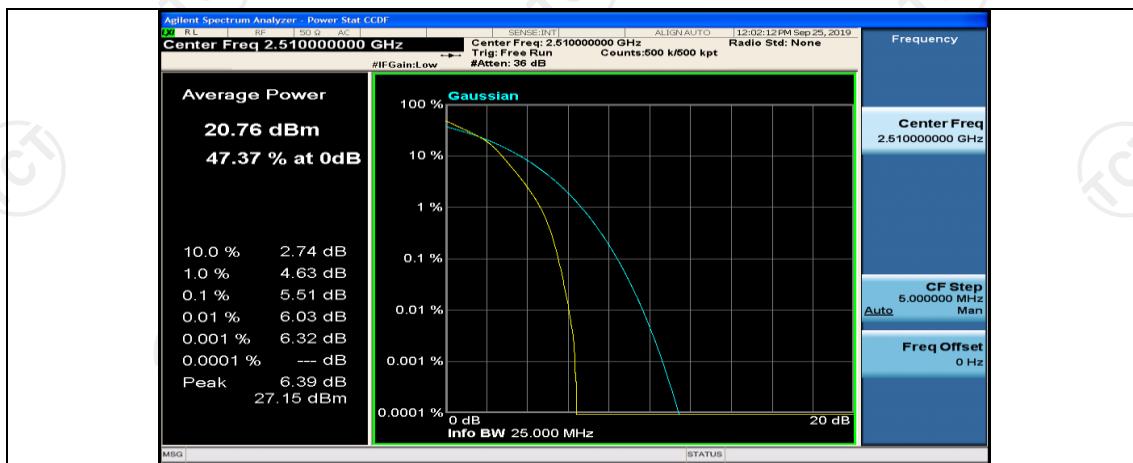


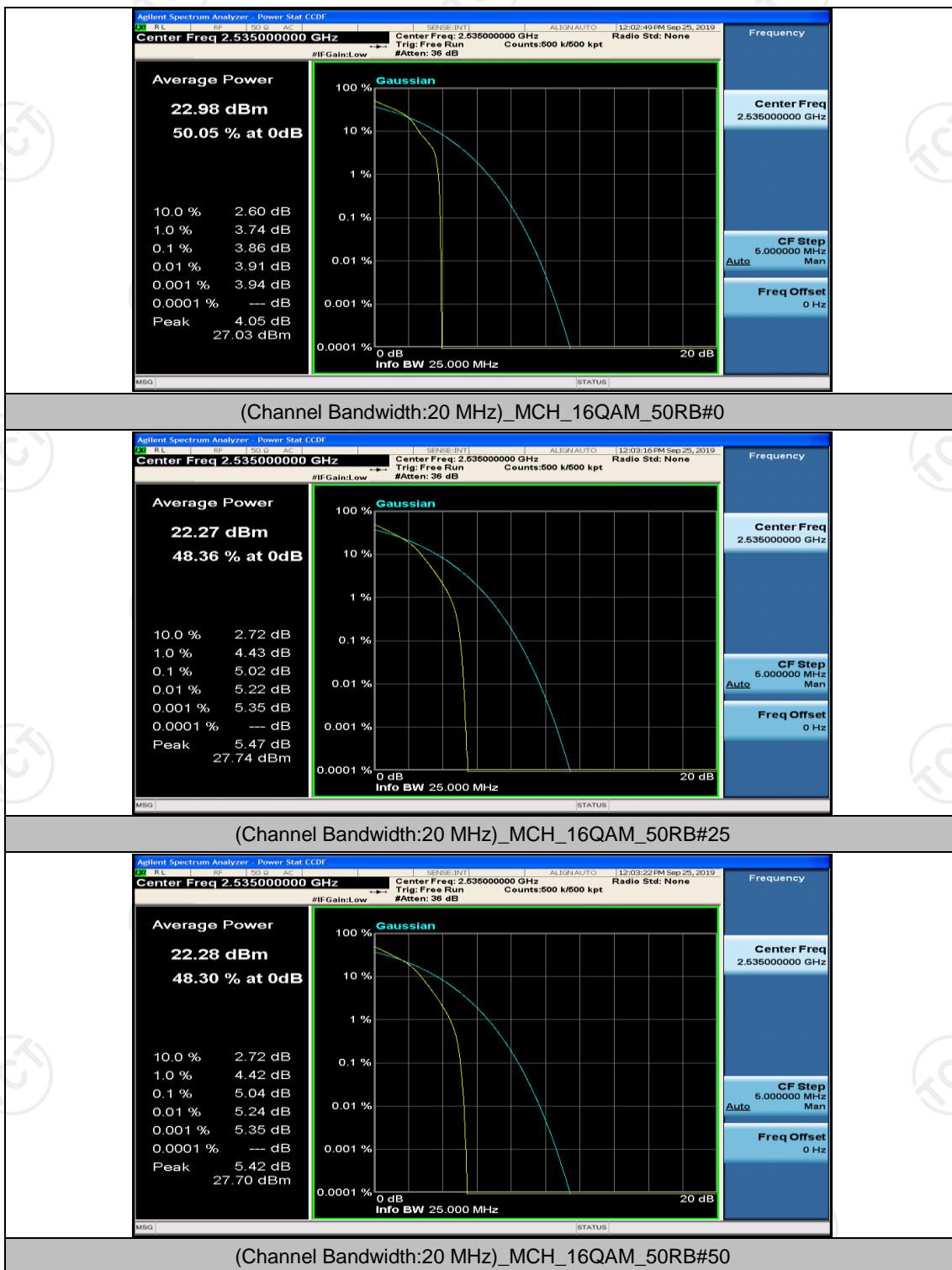


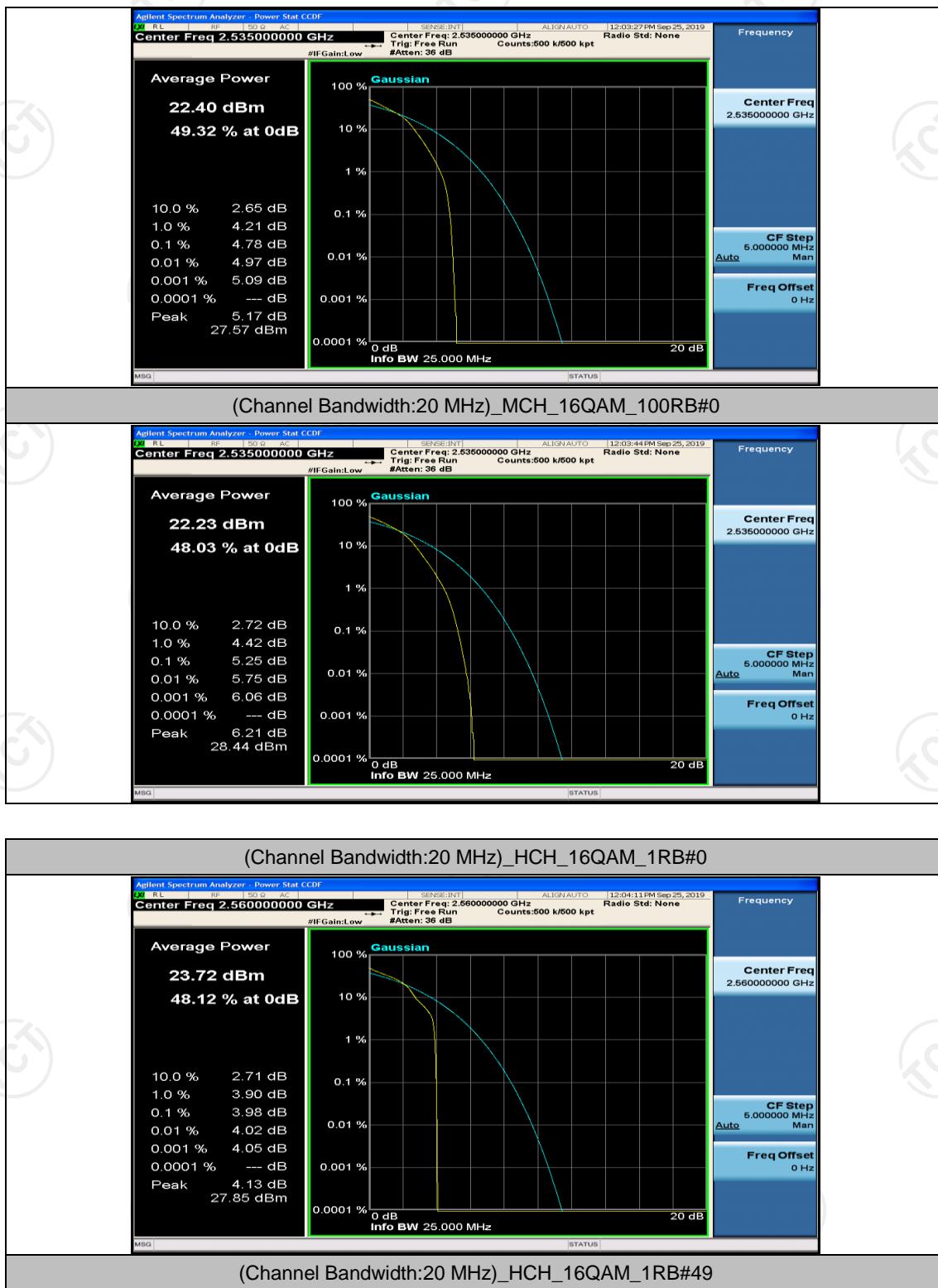
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0

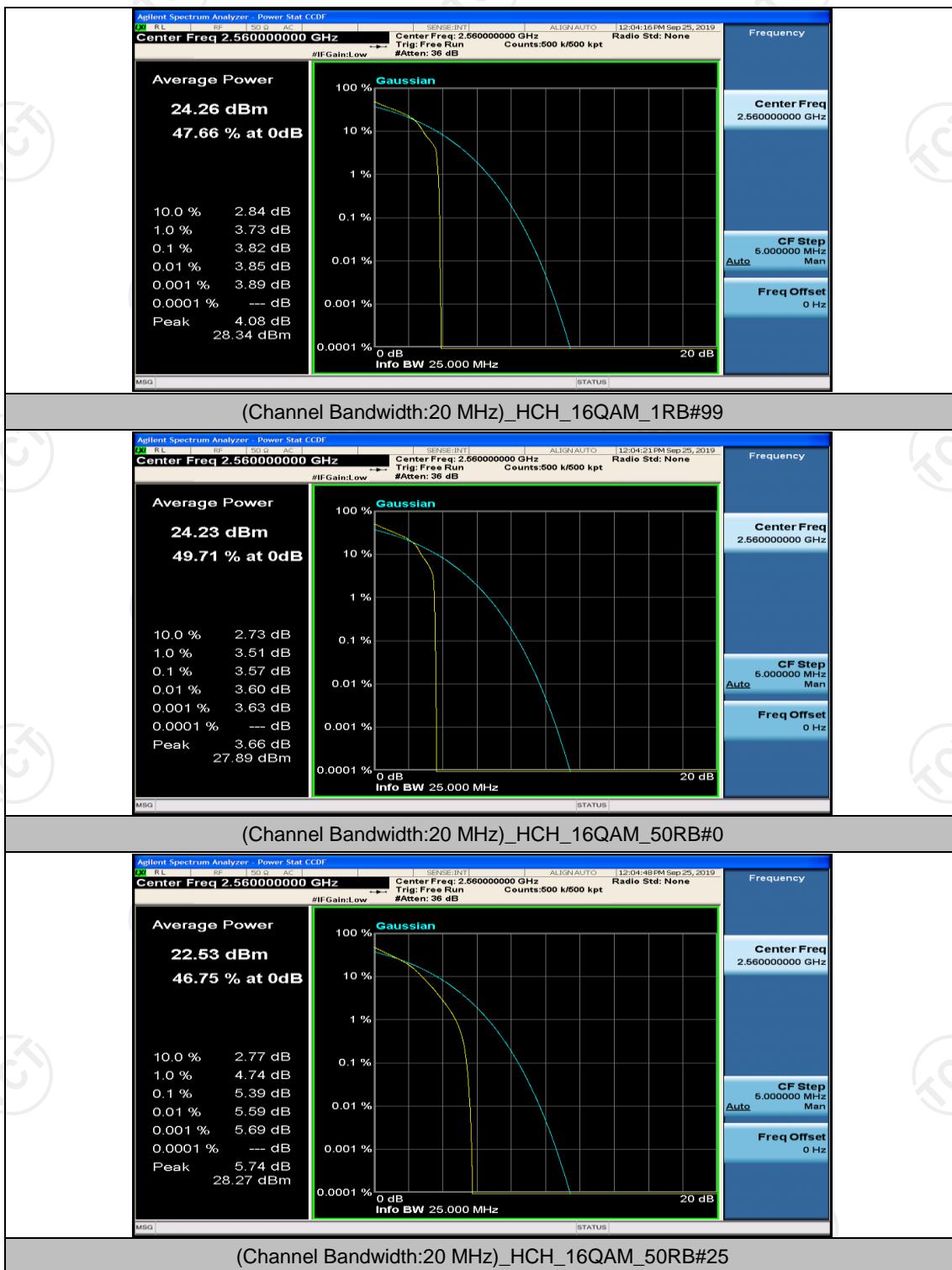


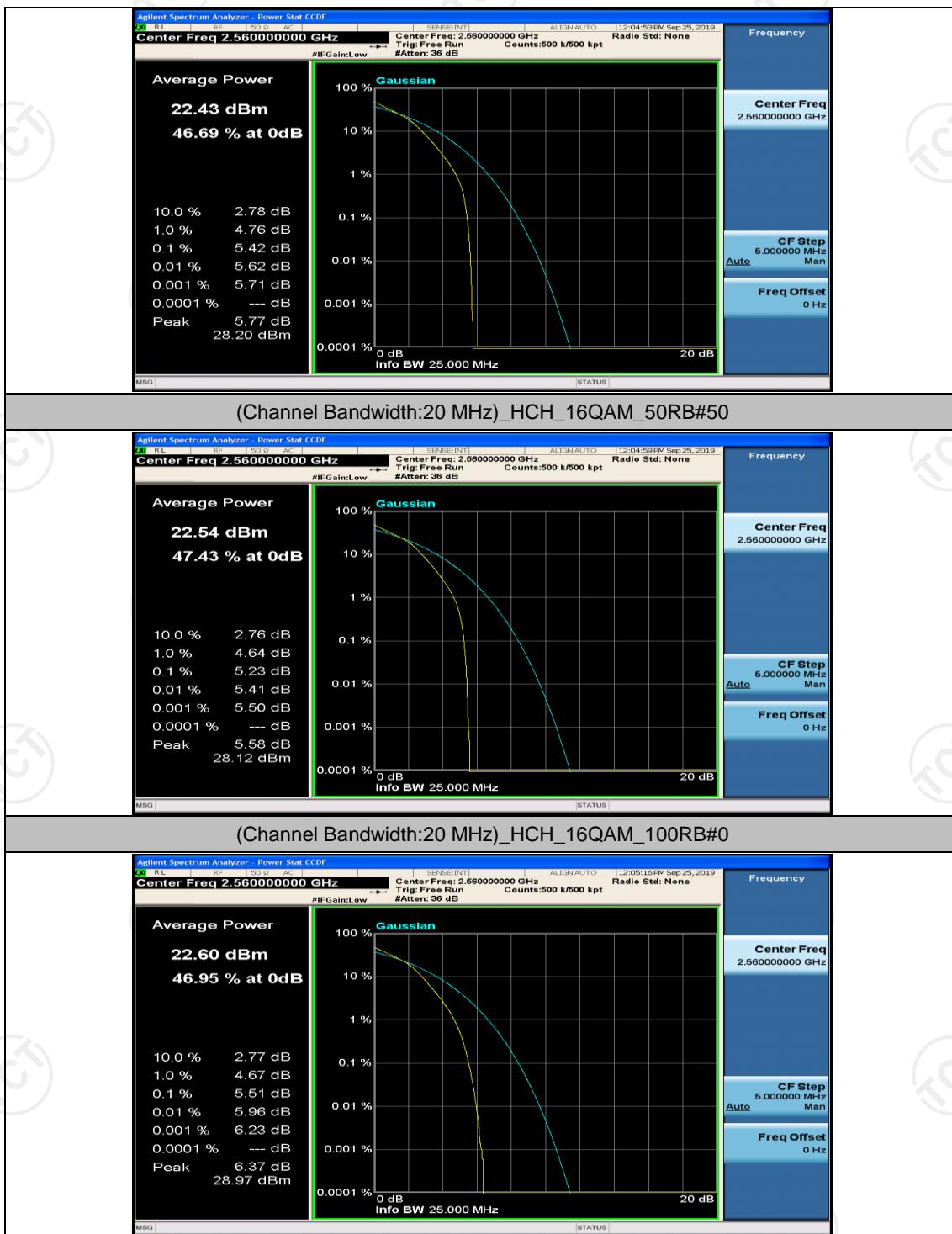












Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 5 MHz

| Channel Bandwidth: 5 MHz | | | | | | |
|--------------------------|---------|------------------|--------|--------------------------|----------------------|---------|
| Modulation | Channel | RB Configuration | | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 0.29719 | 0.4652 | PASS |
| | | 1 | 12 | 0.41404 | 0.5996 | PASS |
| | | 1 | 24 | 0.29917 | 0.4678 | PASS |
| | | 12 | 0 | 2.1830 | 2.564 | PASS |
| | | 12 | 6 | 2.1805 | 2.686 | PASS |
| | | 12 | 13 | 2.1787 | 2.648 | PASS |
| | | 25 | 0 | 4.4707 | 4.864 | PASS |
| | MCH | 1 | 0 | 0.30106 | 0.4902 | PASS |
| | | 1 | 12 | 0.41944 | 0.6670 | PASS |
| | | 1 | 24 | 0.31282 | 0.5164 | PASS |
| | | 12 | 0 | 2.1860 | 2.649 | PASS |
| | | 12 | 6 | 2.1854 | 2.630 | PASS |
| | | 12 | 13 | 2.1865 | 2.773 | PASS |
| | | 25 | 0 | 4.4719 | 4.953 | PASS |
| | HCH | 1 | 0 | 0.28956 | 0.4553 | PASS |
| | | 1 | 12 | 0.42956 | 0.6402 | PASS |
| | | 1 | 24 | 0.29328 | 0.4854 | PASS |
| | | 12 | 0 | 2.1743 | 2.580 | PASS |
| | | 12 | 6 | 2.1778 | 2.586 | PASS |
| | | 12 | 13 | 2.1776 | 2.576 | PASS |
| | | 25 | 0 | 4.4654 | 4.846 | PASS |
| 16QAM | LCH | 1 | 0 | 0.30721 | 0.4756 | PASS |
| | | 1 | 12 | 0.44967 | 0.6684 | PASS |

| | | | | | | |
|--|-----|----|----|---------|--------|------|
| | | 1 | 24 | 0.30089 | 0.4753 | PASS |
| | | 12 | 0 | 2.1752 | 2.596 | PASS |
| | | 12 | 6 | 2.1771 | 2.574 | PASS |
| | | 12 | 13 | 2.1768 | 2.617 | PASS |
| | | 25 | 0 | 4.4695 | 4.869 | PASS |
| | MCH | 1 | 0 | 0.30613 | 0.4555 | PASS |
| | | 1 | 12 | 0.44633 | 0.6605 | PASS |
| | | 1 | 24 | 0.31271 | 0.5056 | PASS |
| | | 12 | 0 | 2.1798 | 2.595 | PASS |
| | | 12 | 6 | 2.1816 | 2.577 | PASS |
| | | 12 | 13 | 2.1847 | 2.669 | PASS |
| | | 25 | 0 | 4.4720 | 4.889 | PASS |
| | HCH | 1 | 0 | 0.28981 | 0.4878 | PASS |
| | | 1 | 12 | 0.41459 | 0.6653 | PASS |
| | | 1 | 24 | 0.29717 | 0.4590 | PASS |
| | | 12 | 0 | 2.1719 | 2.537 | PASS |
| | | 12 | 6 | 2.1691 | 2.537 | PASS |
| | | 12 | 13 | 2.1772 | 2.580 | PASS |
| | | 25 | 0 | 4.4693 | 4.897 | PASS |

Channel Bandwidth: 10 MHz

| Channel Bandwidth: 10 MHz | | | | | | |
|---------------------------|---------|------------------|--------|--------------------------|----------------------|---------|
| Modulation | Channel | RB Configuration | | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 0.39284 | 0.6108 | PASS |
| | | 1 | 25 | 0.46606 | 0.7022 | PASS |
| | | 1 | 49 | 0.38661 | 0.5691 | PASS |
| | | 25 | 0 | 4.5294 | 5.090 | PASS |
| | | 25 | 12 | 4.5212 | 5.184 | PASS |
| | | 25 | 25 | 4.5246 | 4.960 | PASS |
| | | 50 | 0 | 8.9281 | 9.535 | PASS |
| | MCH | 1 | 0 | 0.40750 | 0.6117 | PASS |
| | | 1 | 25 | 0.47891 | 0.7356 | PASS |
| | | 1 | 49 | 0.39260 | 0.5760 | PASS |
| | | 25 | 0 | 4.5267 | 5.267 | PASS |
| | | 25 | 12 | 4.5194 | 5.391 | PASS |
| | | 25 | 25 | 4.5233 | 5.248 | PASS |
| | | 50 | 0 | 8.9442 | 9.687 | PASS |
| | HCH | 1 | 0 | 0.38745 | 0.5734 | PASS |

| | | | | | | |
|-------|-----|----|----|---------|--------|------|
| | | 1 | 25 | 0.50572 | 0.7488 | PASS |
| | | 1 | 49 | 0.39334 | 0.5952 | PASS |
| | | 25 | 0 | 4.5129 | 4.994 | PASS |
| | | 25 | 12 | 4.5148 | 4.978 | PASS |
| | | 25 | 25 | 4.5196 | 5.009 | PASS |
| | | 50 | 0 | 8.9234 | 9.505 | PASS |
| 16QAM | LCH | 1 | 0 | 0.39482 | 0.5894 | PASS |
| | | 1 | 25 | 0.47400 | 0.6782 | PASS |
| | | 1 | 49 | 0.40381 | 0.6206 | PASS |
| | | 25 | 0 | 4.5144 | 5.133 | PASS |
| | | 25 | 12 | 4.5057 | 5.149 | PASS |
| | | 25 | 25 | 4.5081 | 4.987 | PASS |
| | | 50 | 0 | 8.9149 | 9.499 | PASS |
| | MCH | 1 | 0 | 0.38957 | 0.5746 | PASS |
| | | 1 | 25 | 0.48585 | 0.7039 | PASS |
| | | 1 | 49 | 0.40106 | 0.6822 | PASS |
| | | 25 | 0 | 4.5115 | 5.058 | PASS |
| | | 25 | 12 | 4.5227 | 5.044 | PASS |
| | | 25 | 25 | 4.5229 | 5.159 | PASS |
| | | 50 | 0 | 8.9224 | 9.552 | PASS |
| | HCH | 1 | 0 | 0.39345 | 0.5545 | PASS |
| | | 1 | 25 | 0.49031 | 0.7960 | PASS |
| | | 1 | 49 | 0.39689 | 0.6013 | PASS |
| | | 25 | 0 | 4.4962 | 5.049 | PASS |
| | | 25 | 12 | 4.5142 | 4.987 | PASS |
| | | 25 | 25 | 4.5146 | 5.054 | PASS |
| | | 50 | 0 | 8.9202 | 9.422 | PASS |

Channel Bandwidth: 15 MHz

| Channel Bandwidth: 15 MHz | | | | | | |
|---------------------------|---------|------------------|--------|--------------------------|----------------------|---------|
| Modulation | Channel | RB Configuration | | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 0.50374 | 0.7310 | PASS |
| | | 1 | 37 | 0.58952 | 0.8038 | PASS |
| | | 1 | 74 | 0.49543 | 0.7551 | PASS |
| | | 37 | 0 | 13.383 | 14.25 | PASS |
| | | 37 | 18 | 13.379 | 14.20 | PASS |
| | | 37 | 38 | 13.382 | 14.23 | PASS |
| | | 75 | 0 | 13.381 | 14.16 | PASS |

| | | | | | | |
|-------|-----|----|----|---------|--------|------|
| MCH | HCH | 1 | 0 | 0.50858 | 0.7849 | PASS |
| | | 1 | 37 | 0.60797 | 0.9333 | PASS |
| | | 1 | 74 | 0.49710 | 0.7392 | PASS |
| | | 37 | 0 | 13.384 | 14.42 | PASS |
| | | 37 | 18 | 13.386 | 14.35 | PASS |
| | | 37 | 38 | 13.375 | 14.42 | PASS |
| | | 75 | 0 | 13.380 | 14.41 | PASS |
| 16QAM | LCH | 1 | 0 | 0.50052 | 0.7452 | PASS |
| | | 1 | 37 | 0.59854 | 0.8638 | PASS |
| | | 1 | 74 | 0.49410 | 0.7270 | PASS |
| | | 37 | 0 | 13.378 | 14.23 | PASS |
| | | 37 | 18 | 13.383 | 14.20 | PASS |
| | | 37 | 38 | 13.381 | 14.00 | PASS |
| | | 75 | 0 | 13.373 | 14.12 | PASS |
| | MCH | 1 | 0 | 0.50942 | 0.7563 | PASS |
| | | 1 | 37 | 0.61084 | 0.8163 | PASS |
| | | 1 | 74 | 0.49455 | 0.7171 | PASS |
| | | 37 | 0 | 13.400 | 14.14 | PASS |
| | | 37 | 18 | 13.385 | 14.22 | PASS |
| | | 37 | 38 | 13.401 | 14.09 | PASS |
| | | 75 | 0 | 13.374 | 14.05 | PASS |
| | HCH | 1 | 0 | 0.51047 | 0.7319 | PASS |
| | | 1 | 37 | 0.59968 | 0.8164 | PASS |
| | | 1 | 74 | 0.50557 | 0.7717 | PASS |
| | | 37 | 0 | 13.389 | 14.57 | PASS |
| | | 37 | 18 | 13.386 | 14.35 | PASS |
| | | 37 | 38 | 13.388 | 14.33 | PASS |
| | | 75 | 0 | 13.374 | 14.07 | PASS |

Channel Bandwidth: 20 MHz

| Channel Bandwidth: 20 MHz | | | | | | |
|---------------------------|---------|------------------|--------|----------|----------------|---------|
| Modulation | Channel | RB Configuration | | Occupied | 26dB Bandwidth | Verdict |
| | | Size | Offset | | | |

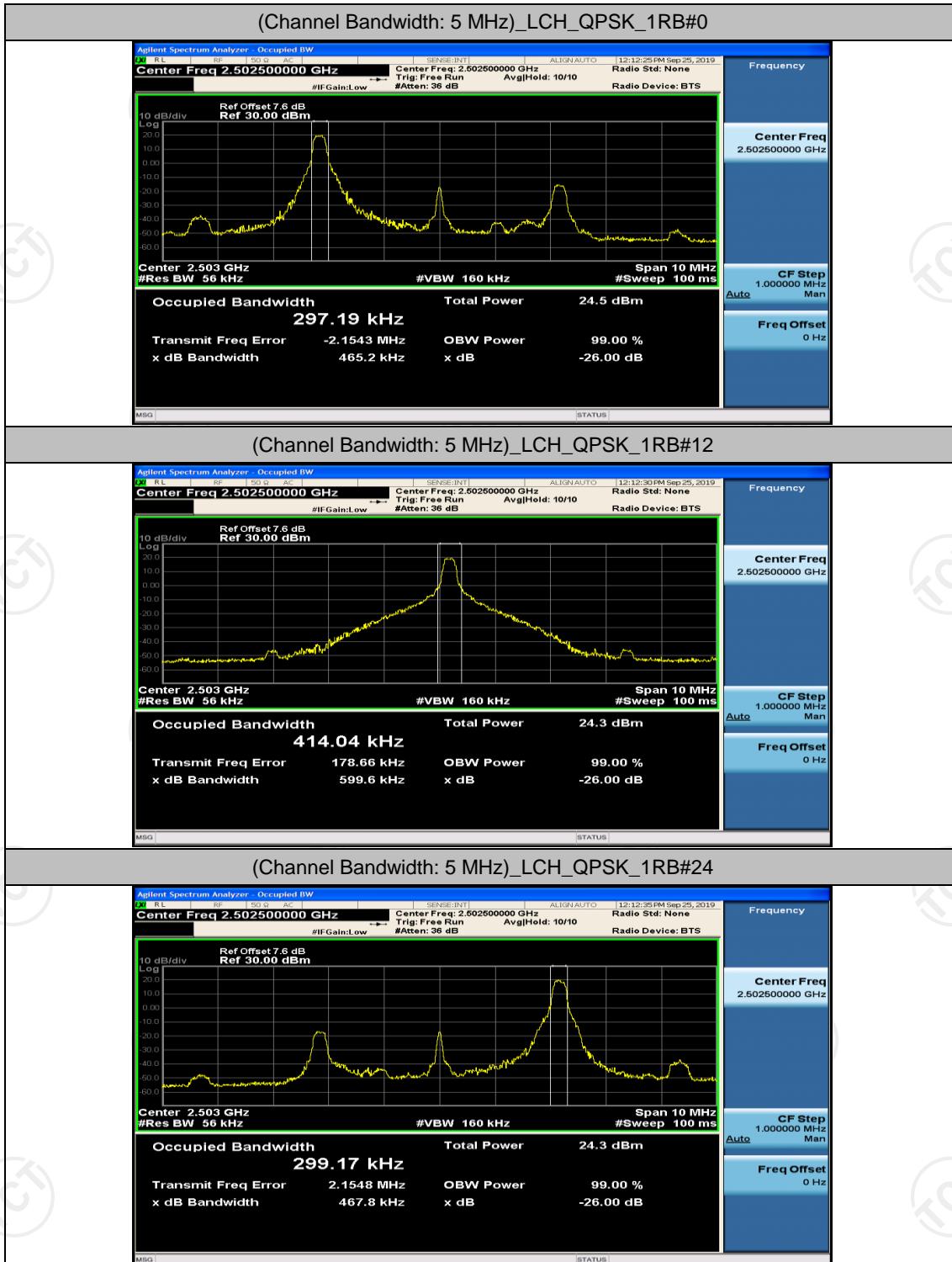
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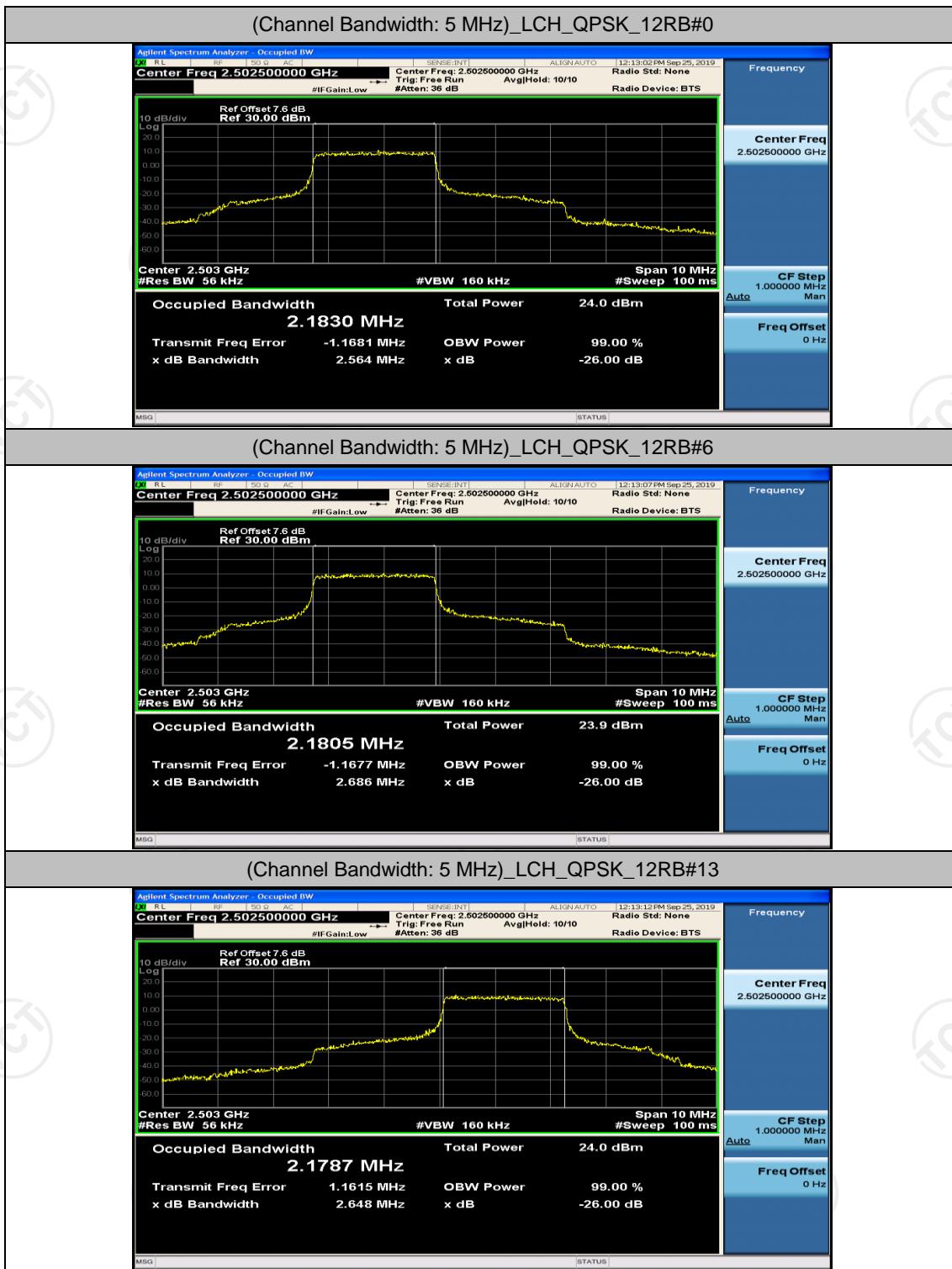
| | | | | Bandwidth (MHz) | | |
|-------|-----|-----|----|--------------------|--------|------|
| QPSK | LCH | 1 | 0 | 0.58313 | 0.8126 | PASS |
| | | 1 | 50 | 0.64803 | 0.9993 | PASS |
| | | 1 | 99 | 0.56729 | 0.8590 | PASS |
| | | 50 | 0 | 9.0071 | 9.901 | PASS |
| | | 50 | 25 | 8.9940 | 9.811 | PASS |
| | | 50 | 50 | 8.9953 | 9.784 | PASS |
| | | 100 | 0 | 17.859 | 18.68 | PASS |
| | MCH | 1 | 0 | 0.57688 | 0.8458 | PASS |
| | | 1 | 50 | 0.65363 | 0.9200 | PASS |
| | | 1 | 99 | 0.58733 | 0.8515 | PASS |
| | | 50 | 0 | 9.0148 | 9.928 | PASS |
| | | 50 | 25 | 8.9959 | 9.748 | PASS |
| | | 50 | 50 | 9.0017 | 10.11 | PASS |
| | | 100 | 0 | 17.807 | 18.67 | PASS |
| | HCH | 1 | 0 | 0.57685 | 0.8322 | PASS |
| | | 1 | 50 | 0.64010 | 0.8829 | PASS |
| | | 1 | 99 | 0.57599 | 0.8213 | PASS |
| | | 50 | 0 | 9.0052 | 9.826 | PASS |
| | | 50 | 25 | 9.0043 | 9.707 | PASS |
| | | 50 | 50 | 8.9897 | 9.664 | PASS |
| | | 100 | 0 | 17.842 | 18.62 | PASS |
| 16QAM | LCH | 1 | 0 | 0.58184 | 0.9099 | PASS |
| | | 1 | 50 | 0.66633 | 0.9191 | PASS |
| | | 1 | 99 | 0.59166 | 0.8468 | PASS |
| | | 50 | 0 | 8.9908 | 9.862 | PASS |
| | | 50 | 25 | 9.0005 | 9.762 | PASS |
| | | 50 | 50 | 8.9991 | 9.683 | PASS |
| | | 100 | 0 | 17.845 | 18.63 | PASS |
| | MCH | 1 | 0 | 0.57819 | 0.8643 | PASS |
| | | 1 | 50 | 0.63923 | 0.8420 | PASS |
| | | 1 | 99 | 0.60130 | 0.8451 | PASS |
| | | 50 | 0 | 8.9969 | 9.715 | PASS |
| | | 50 | 25 | 8.9906 | 9.709 | PASS |
| | | 50 | 50 | 8.9926 | 9.795 | PASS |
| | | 100 | 0 | 17.825 | 18.72 | PASS |
| | HCH | 1 | 0 | 0.58104 | 0.8276 | PASS |
| | | 1 | 50 | 0.67255 | 1.042 | PASS |
| | | 1 | 99 | 0.58396 | 0.8447 | PASS |
| | | 50 | 0 | 8.9887 | 9.835 | PASS |

| | | | | | | |
|--|--|-----|----|--------|-------|------|
| | | 50 | 25 | 8.9927 | 9.789 | PASS |
| | | 50 | 50 | 8.9816 | 9.663 | PASS |
| | | 100 | 0 | 17.838 | 18.73 | PASS |

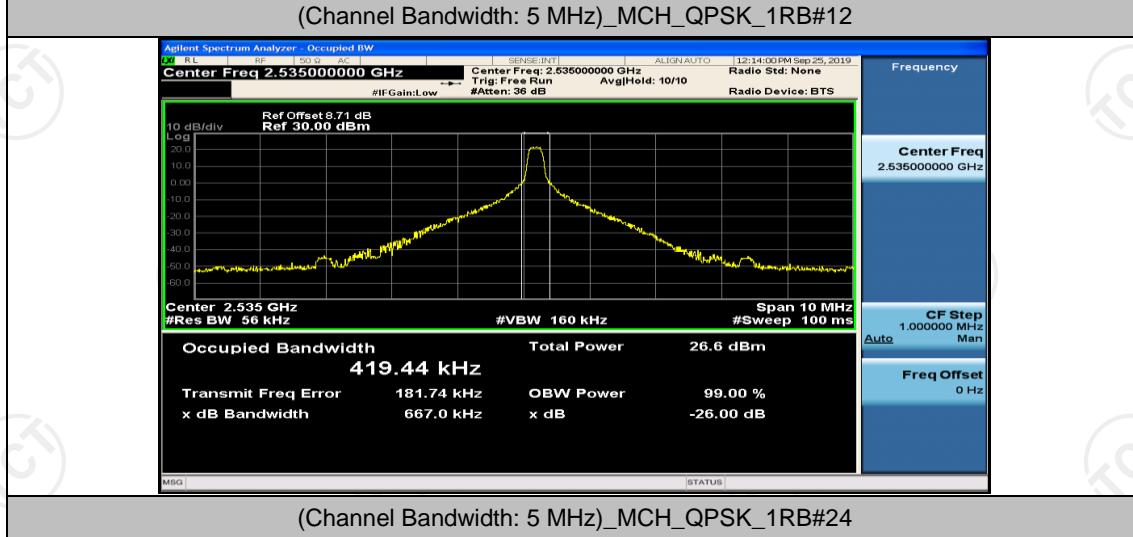
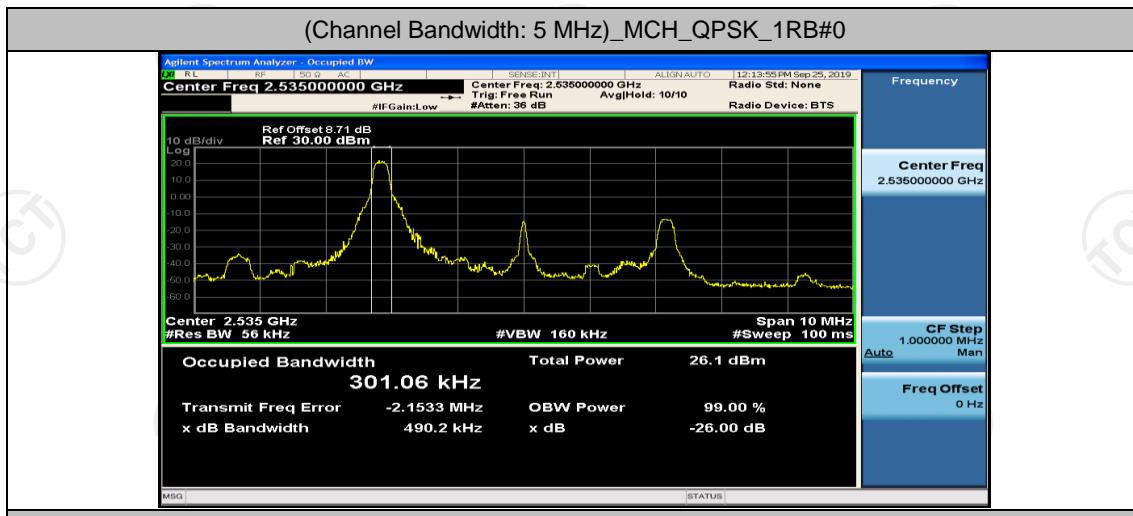
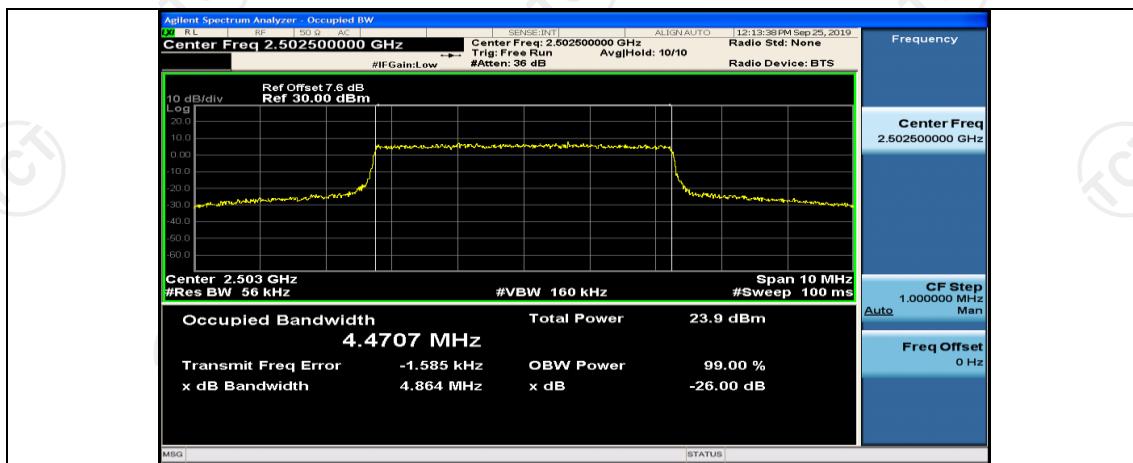
Test Graphs

Channel Bandwidth: 5 MHz





(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24