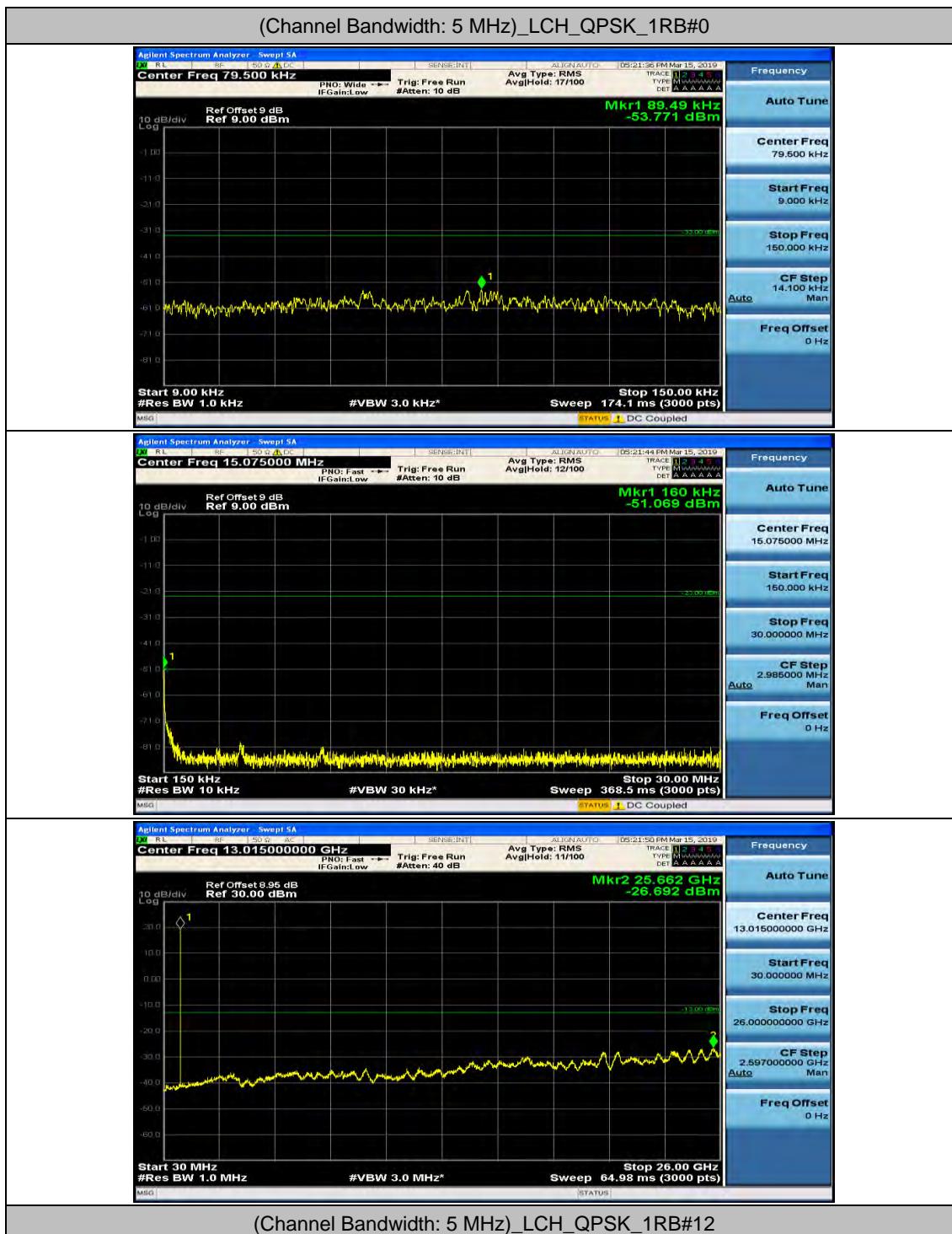
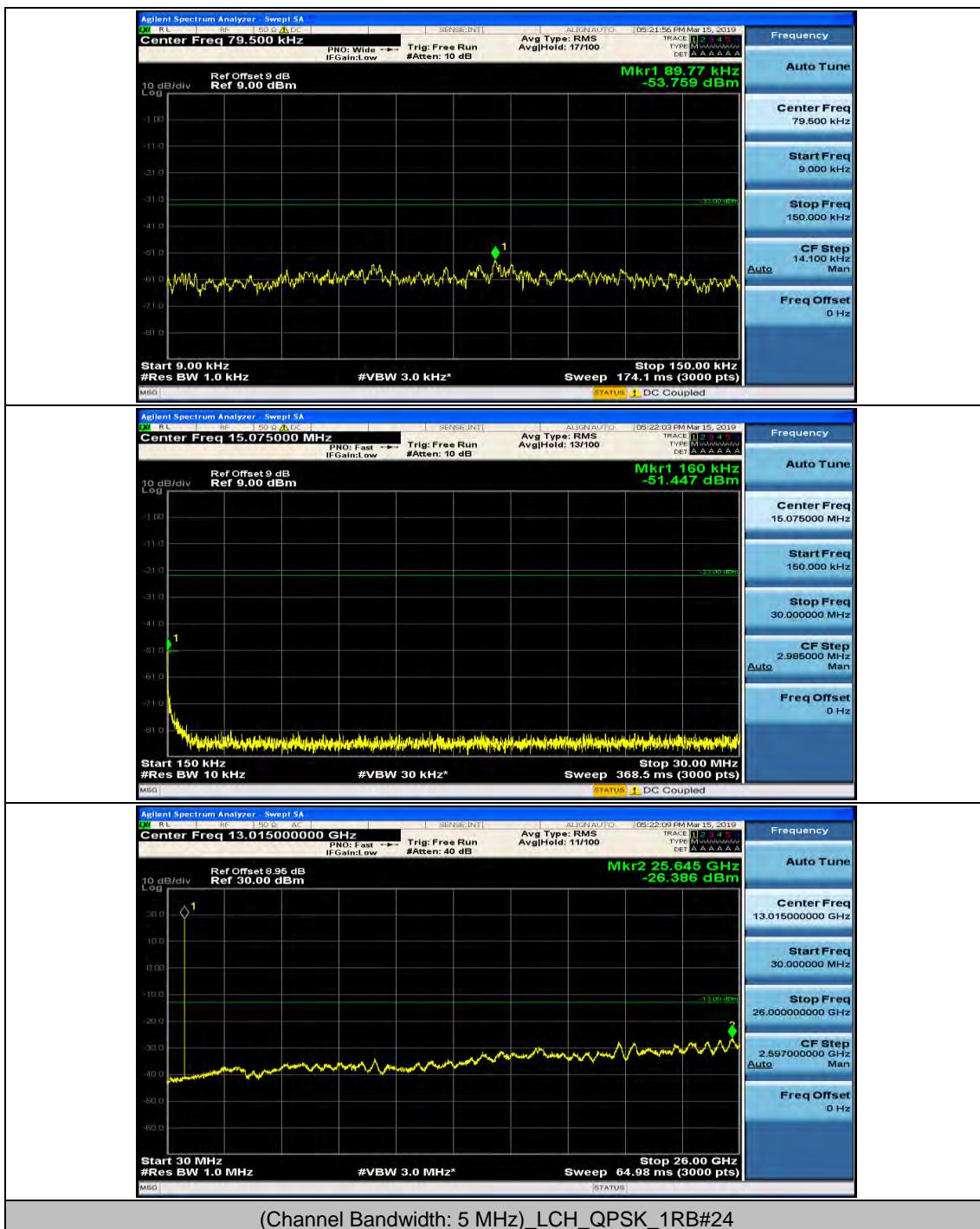
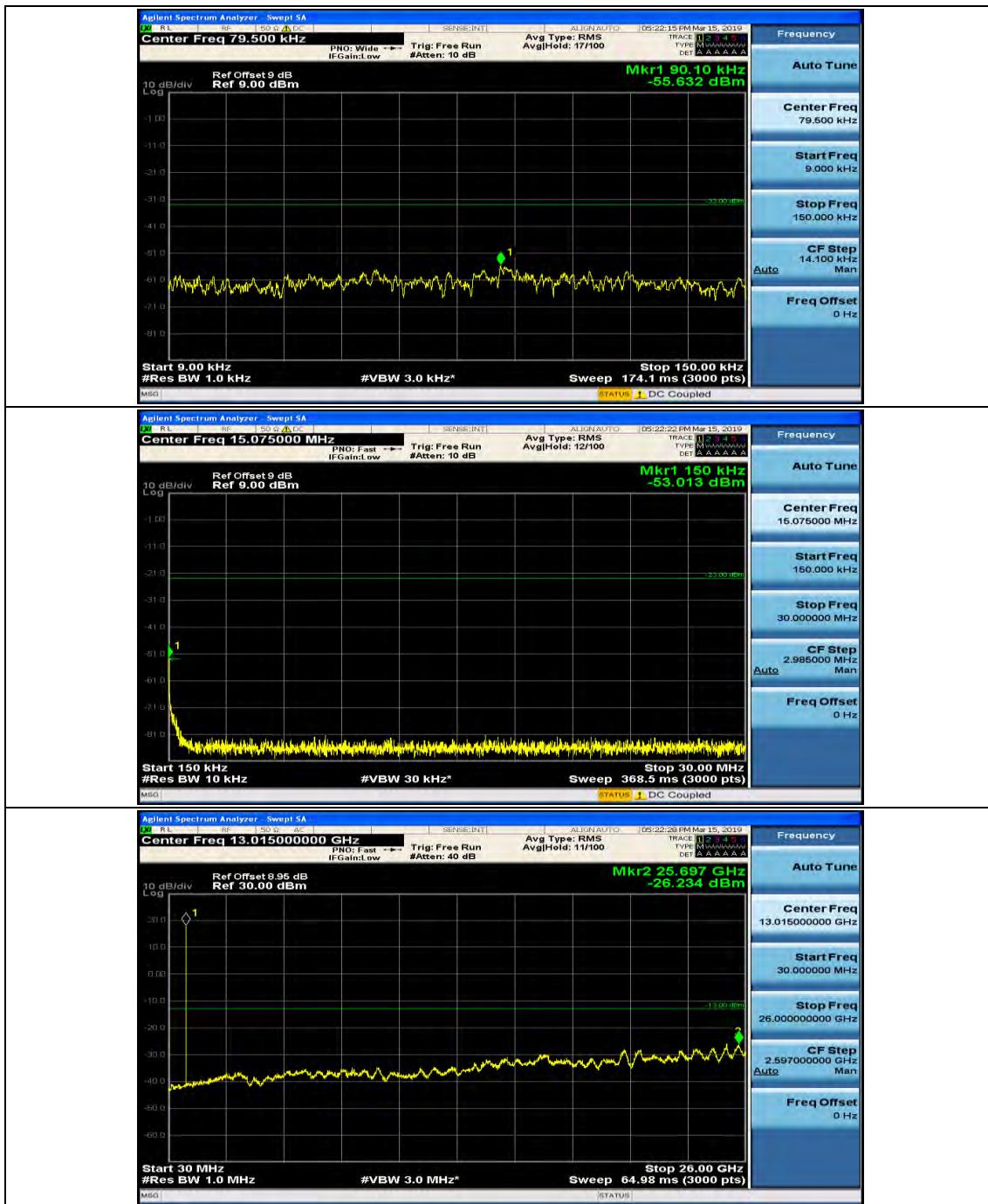
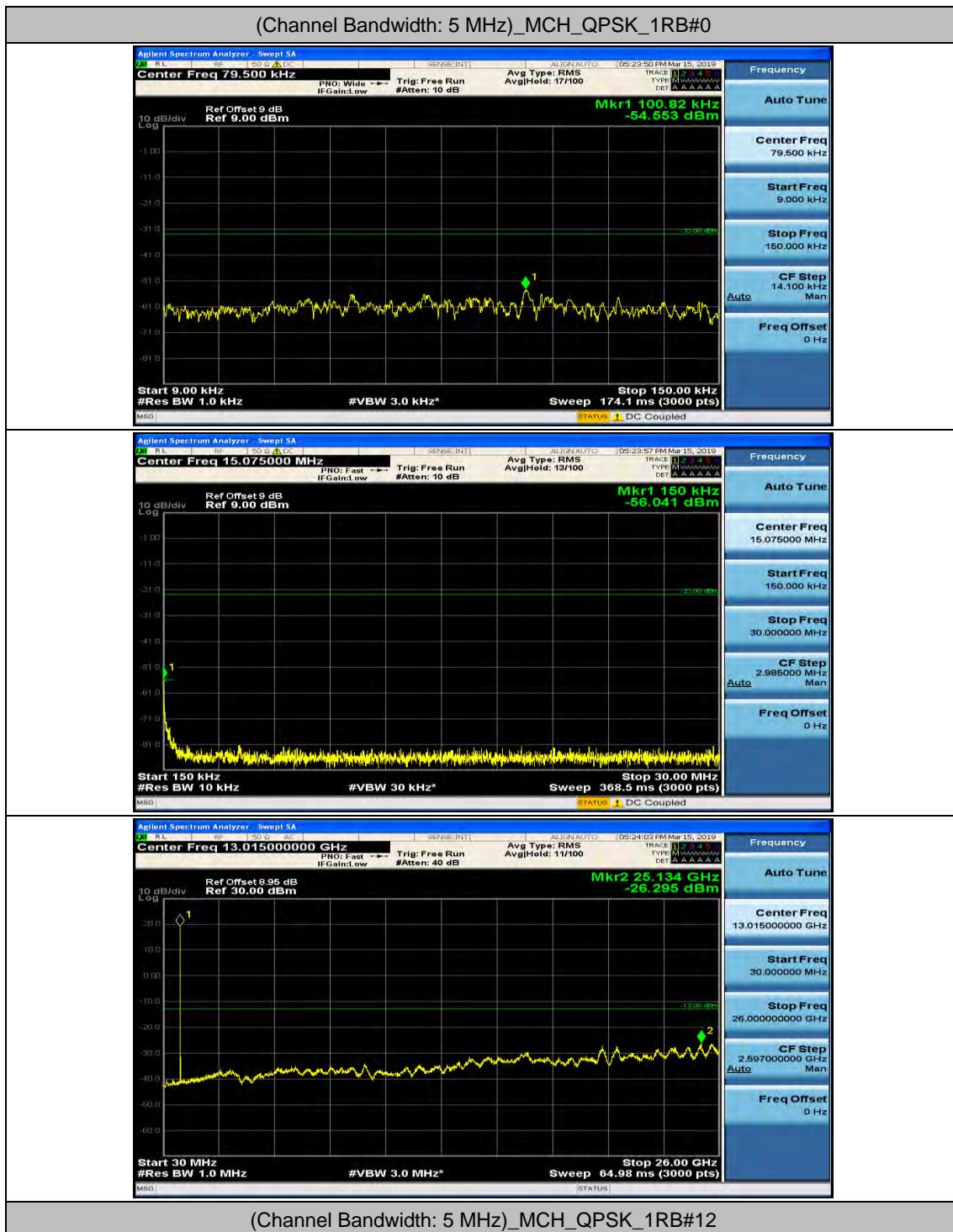


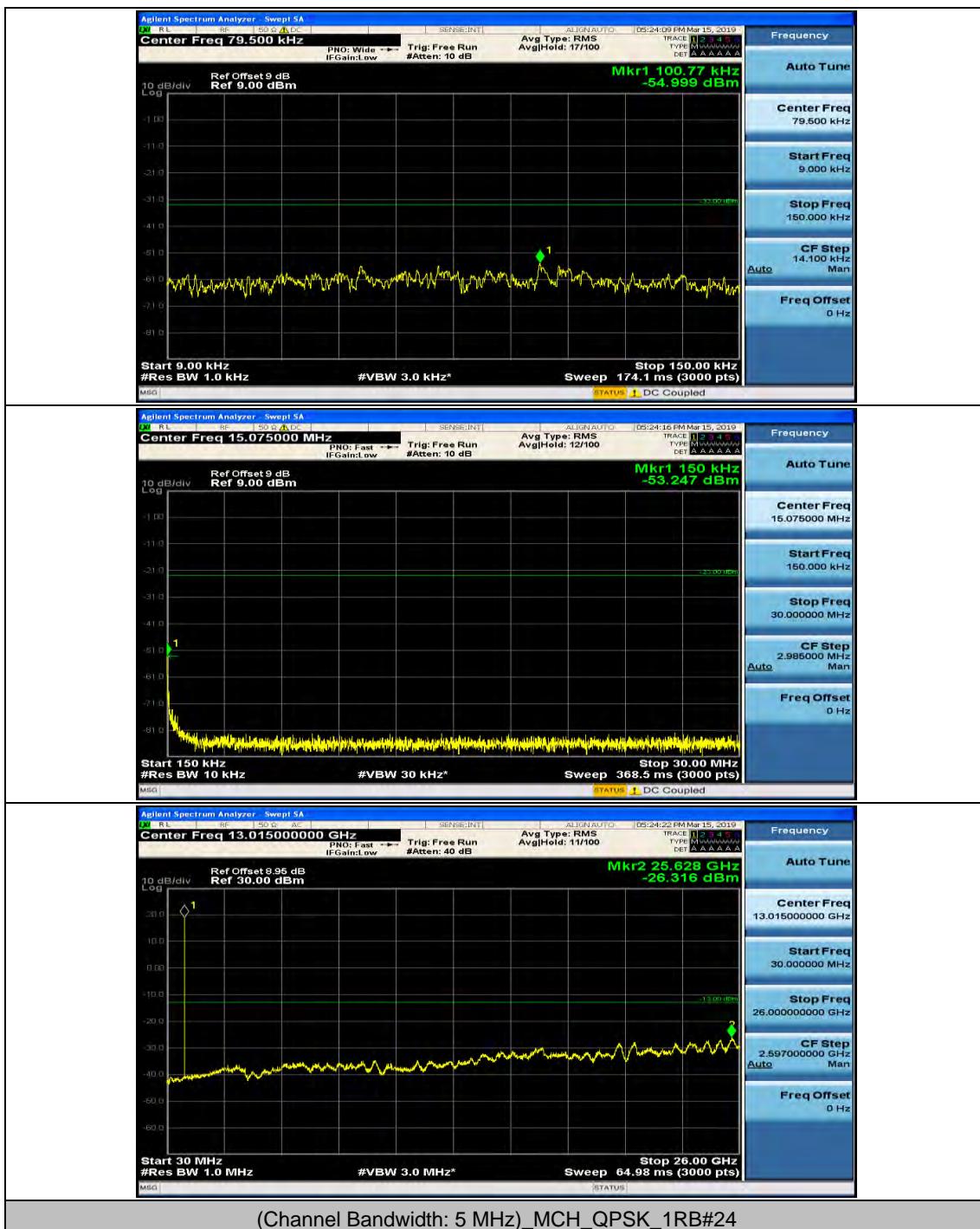
Channel Bandwidth: 5 MHz

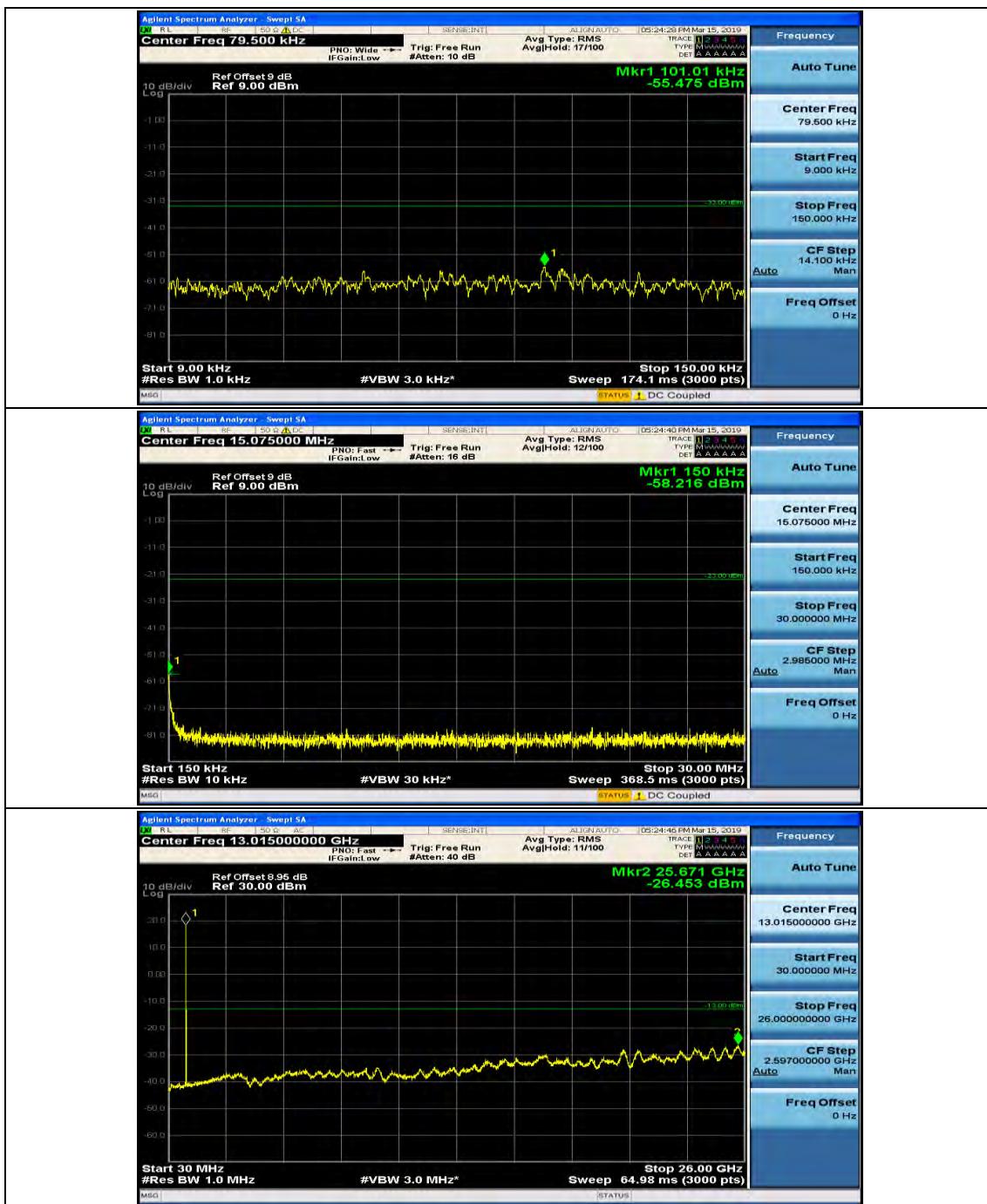


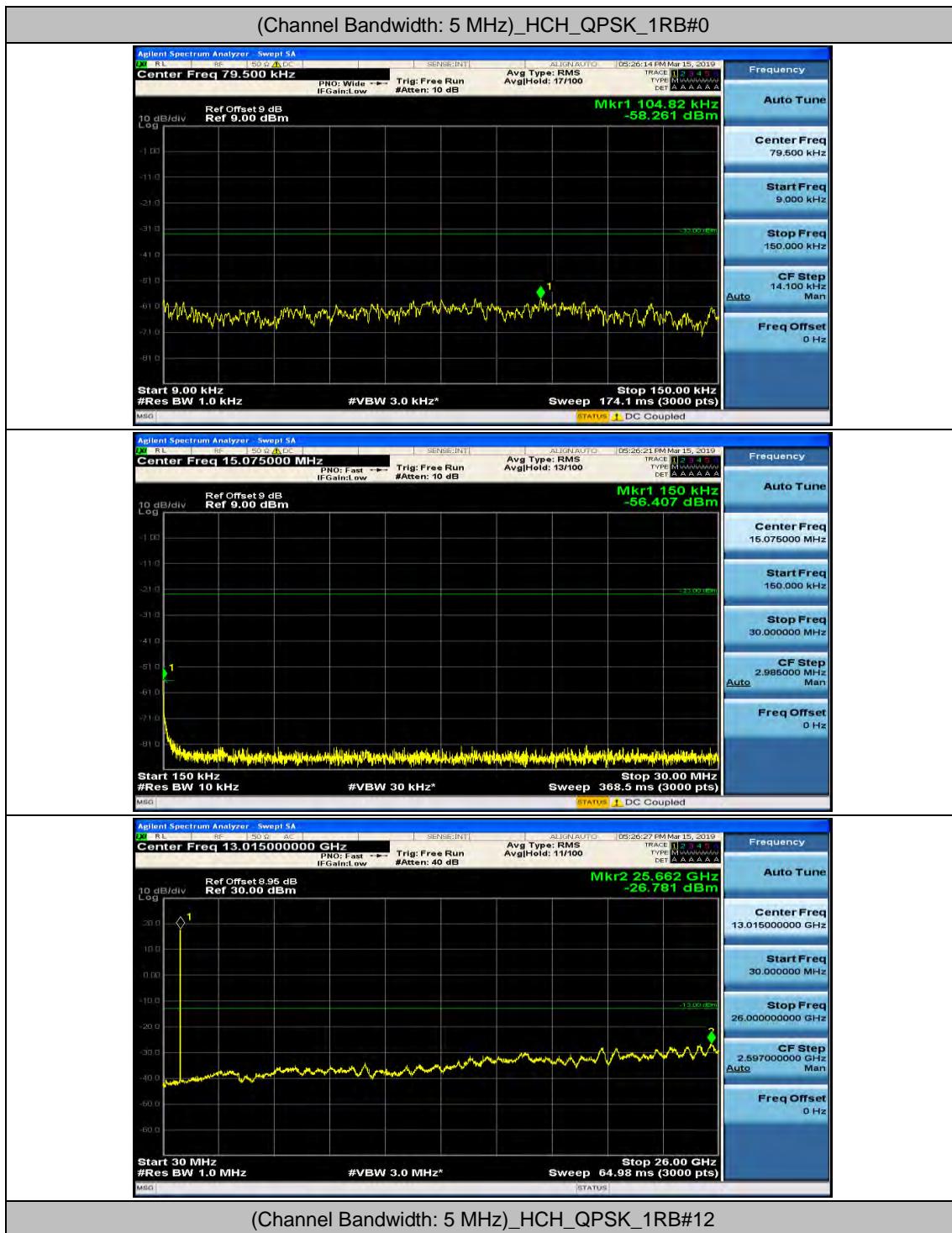


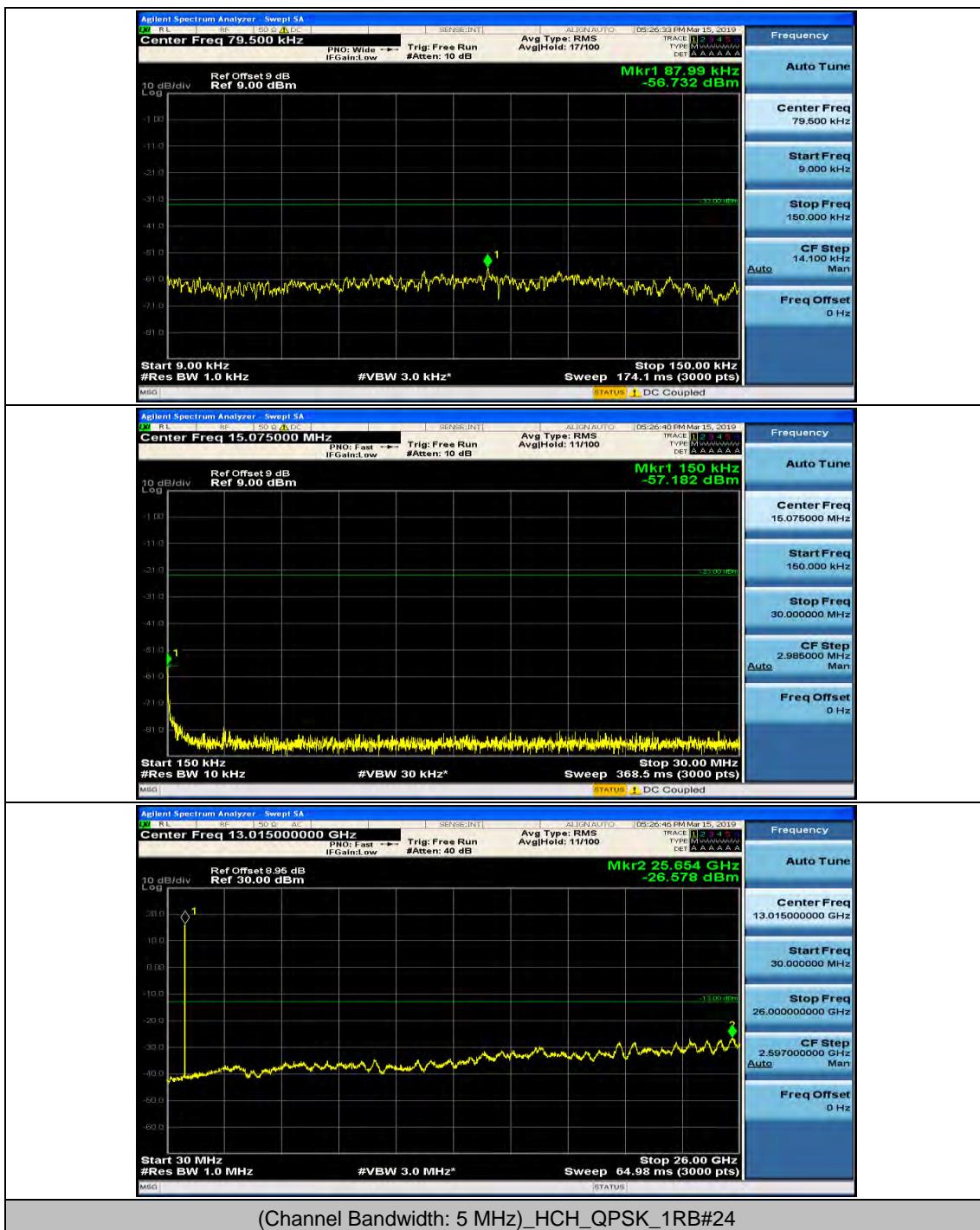


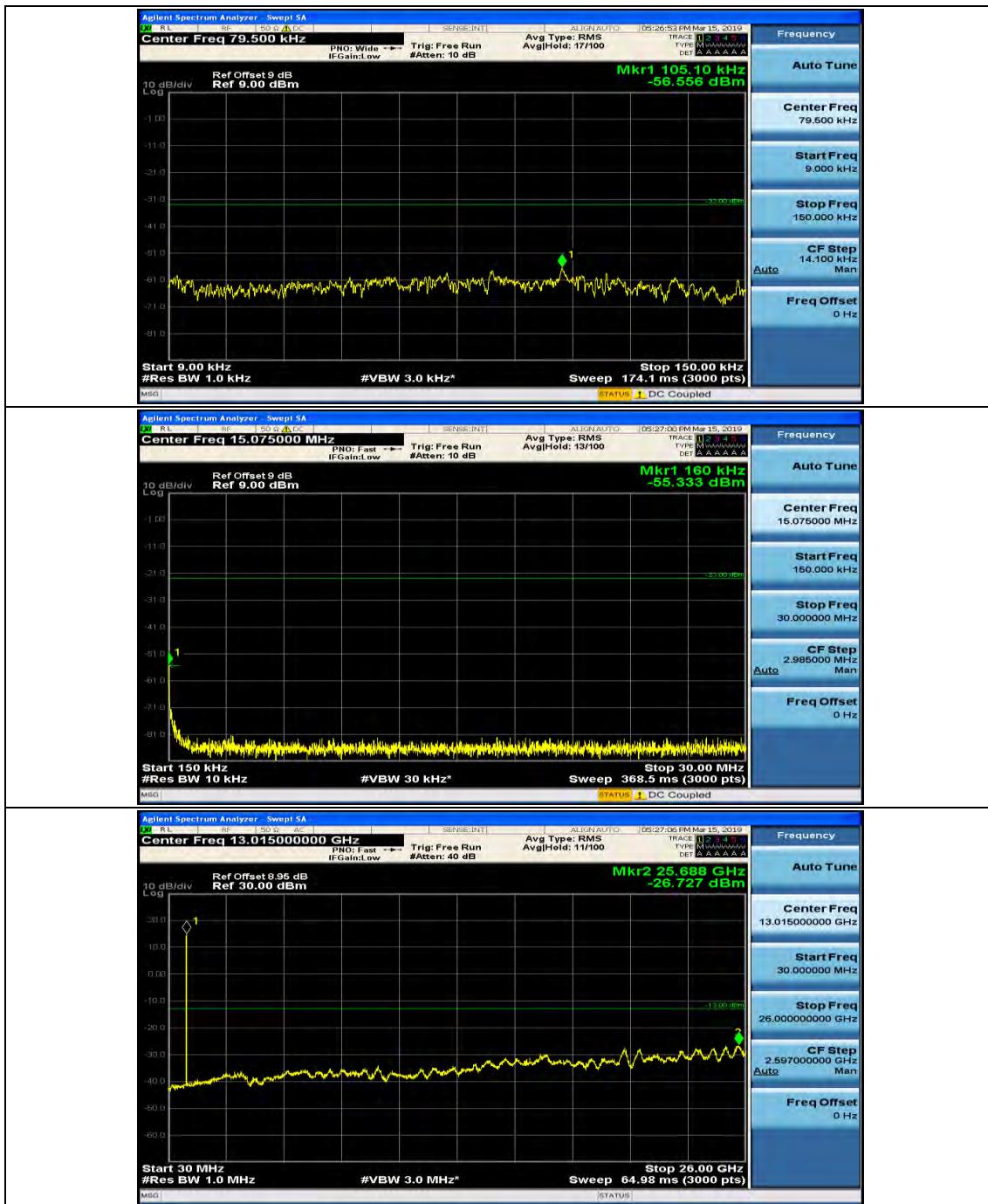


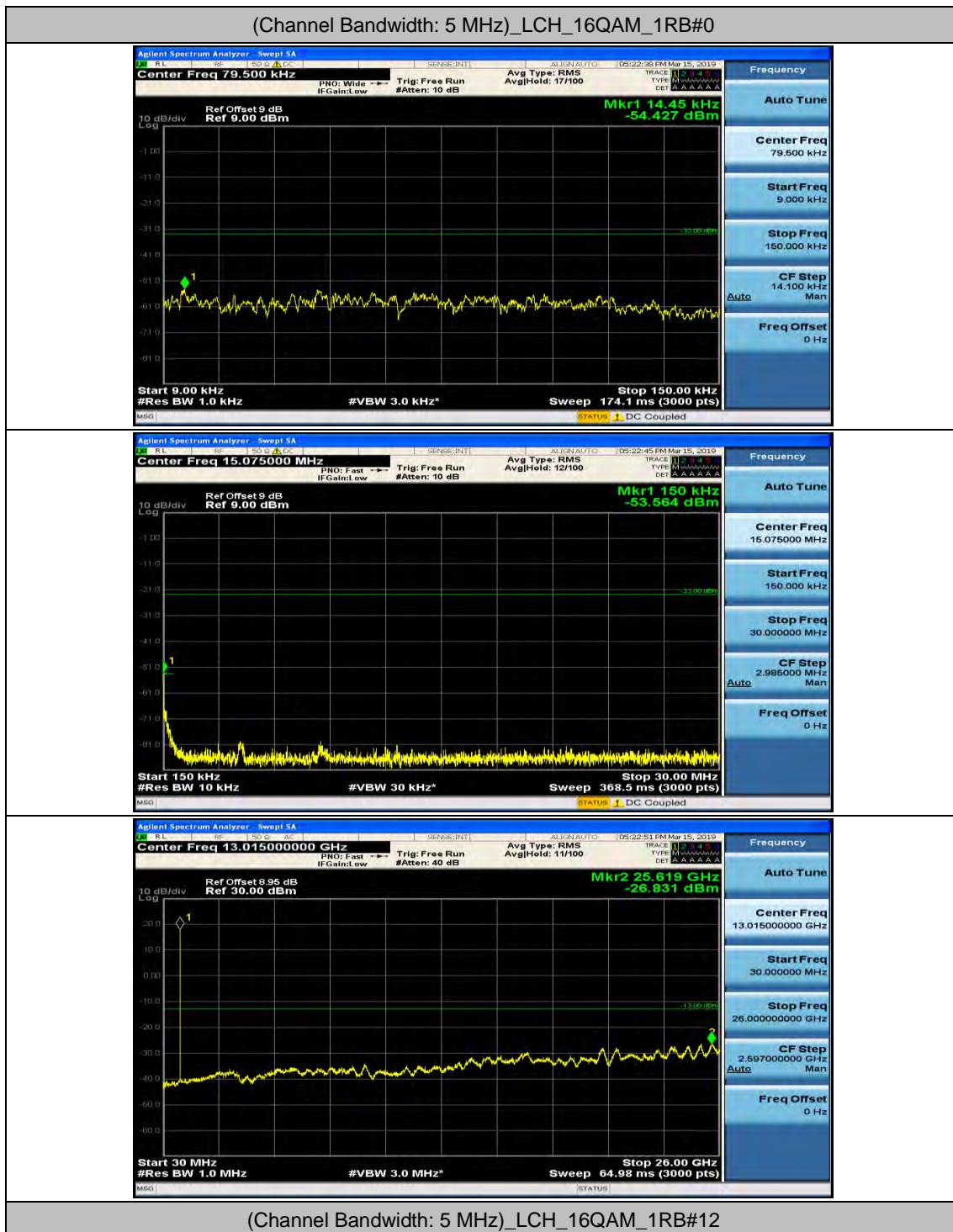


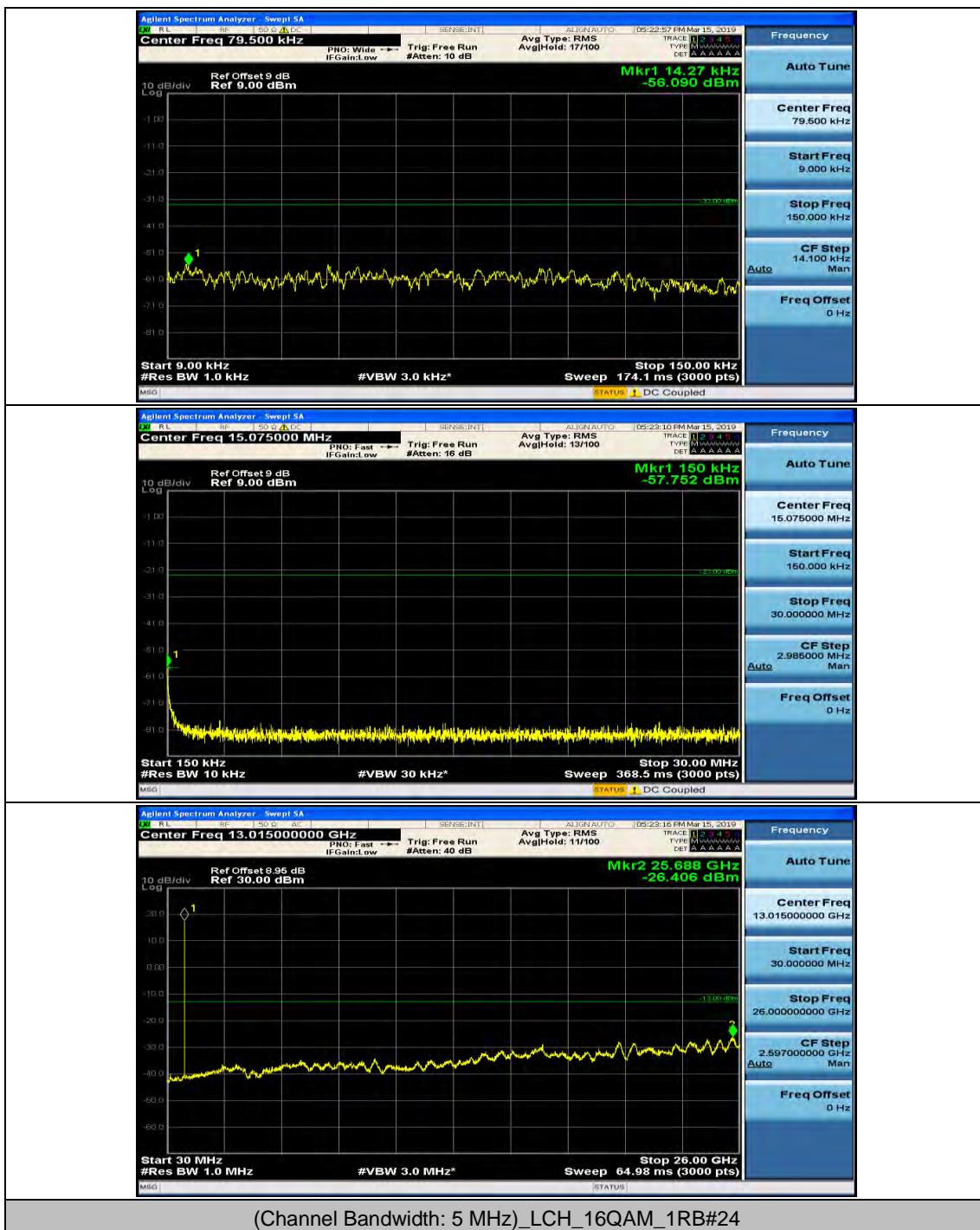


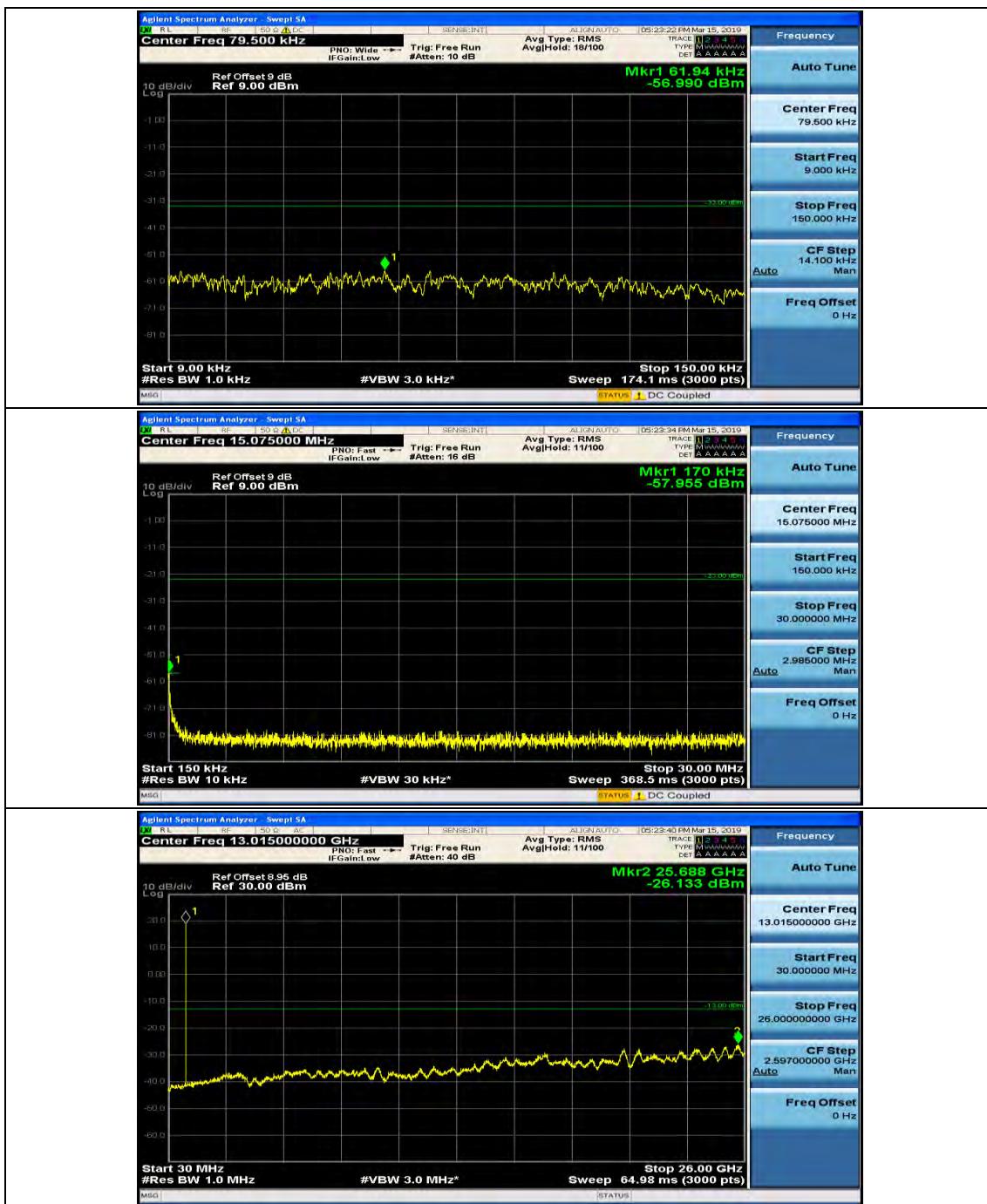


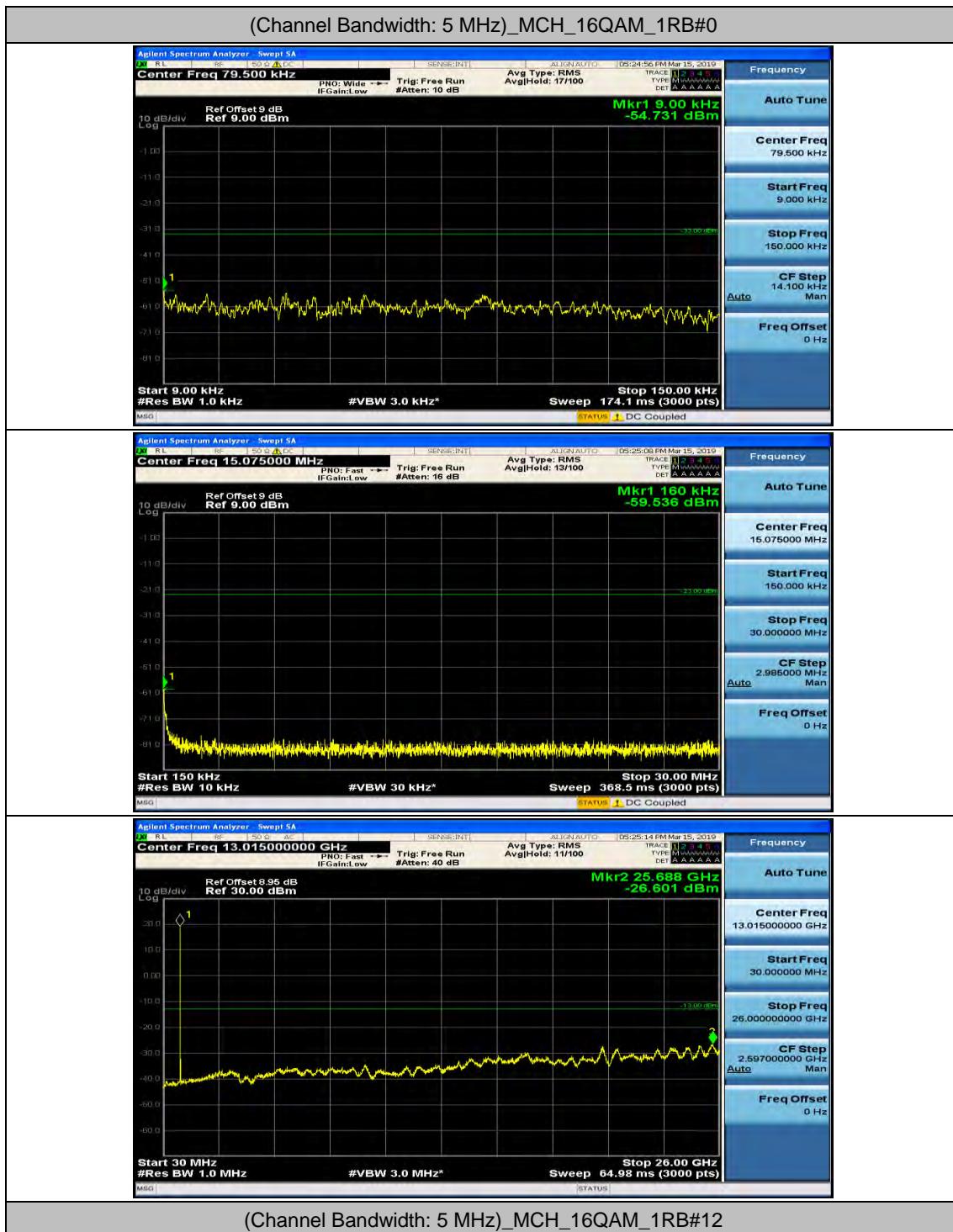


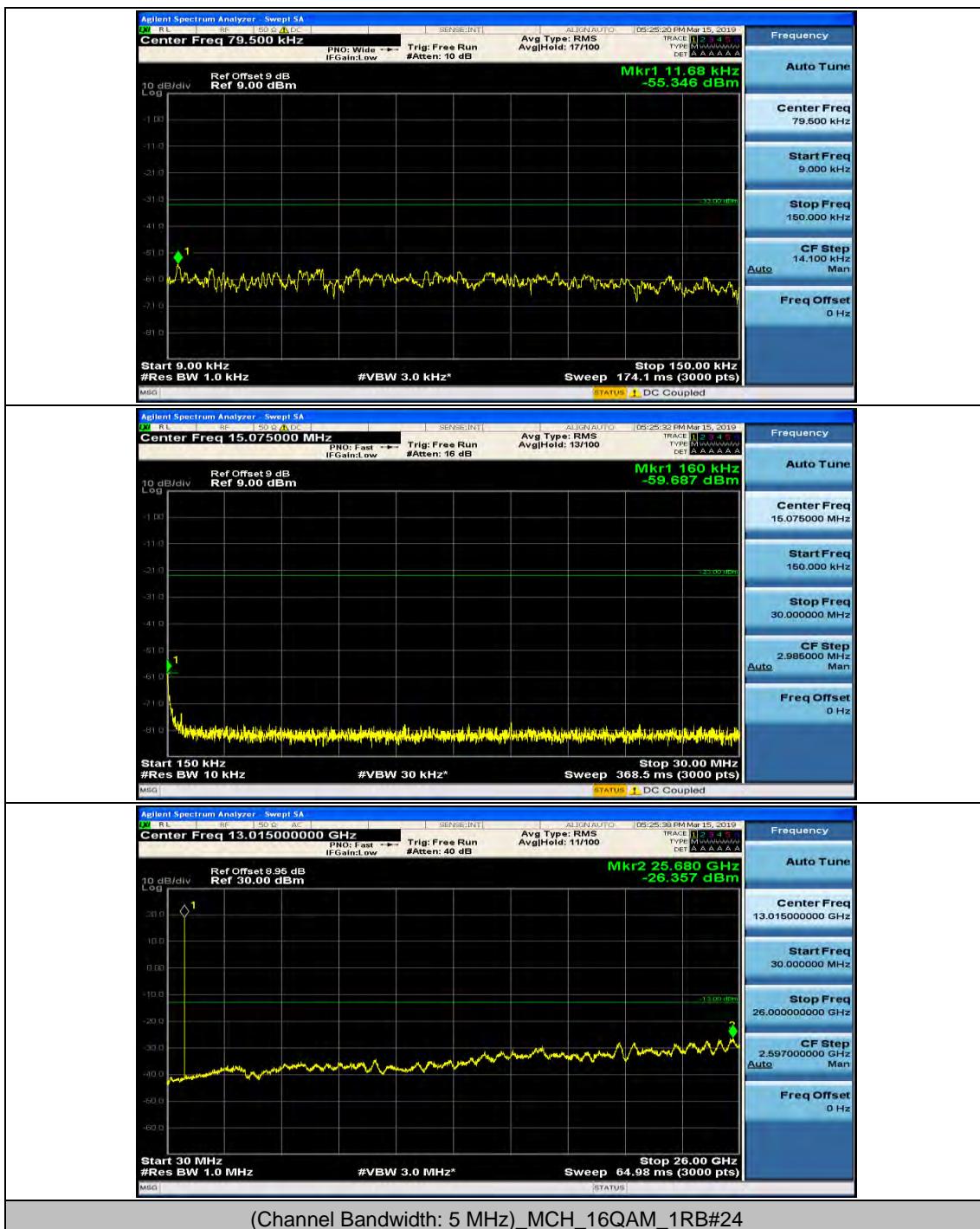


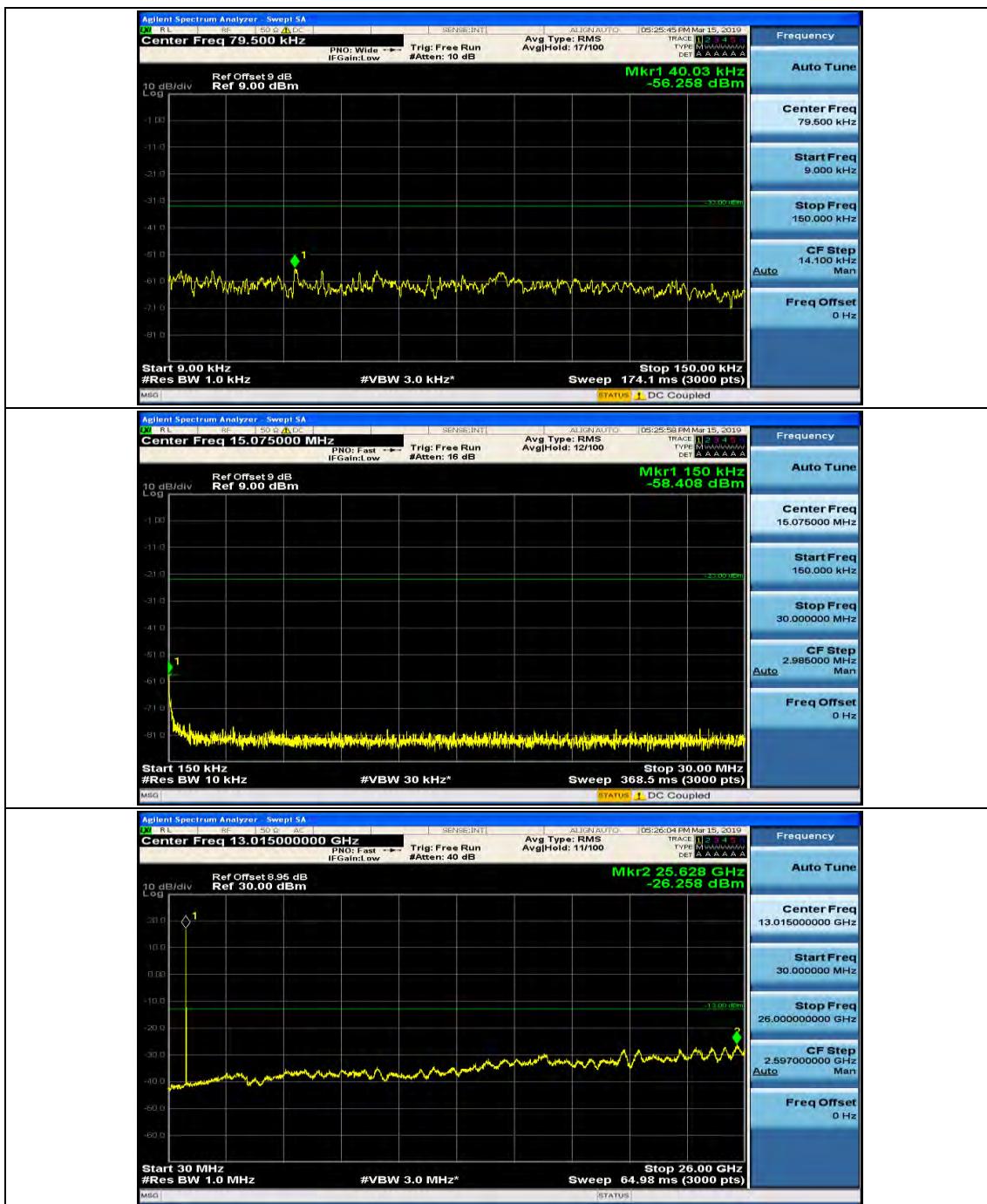


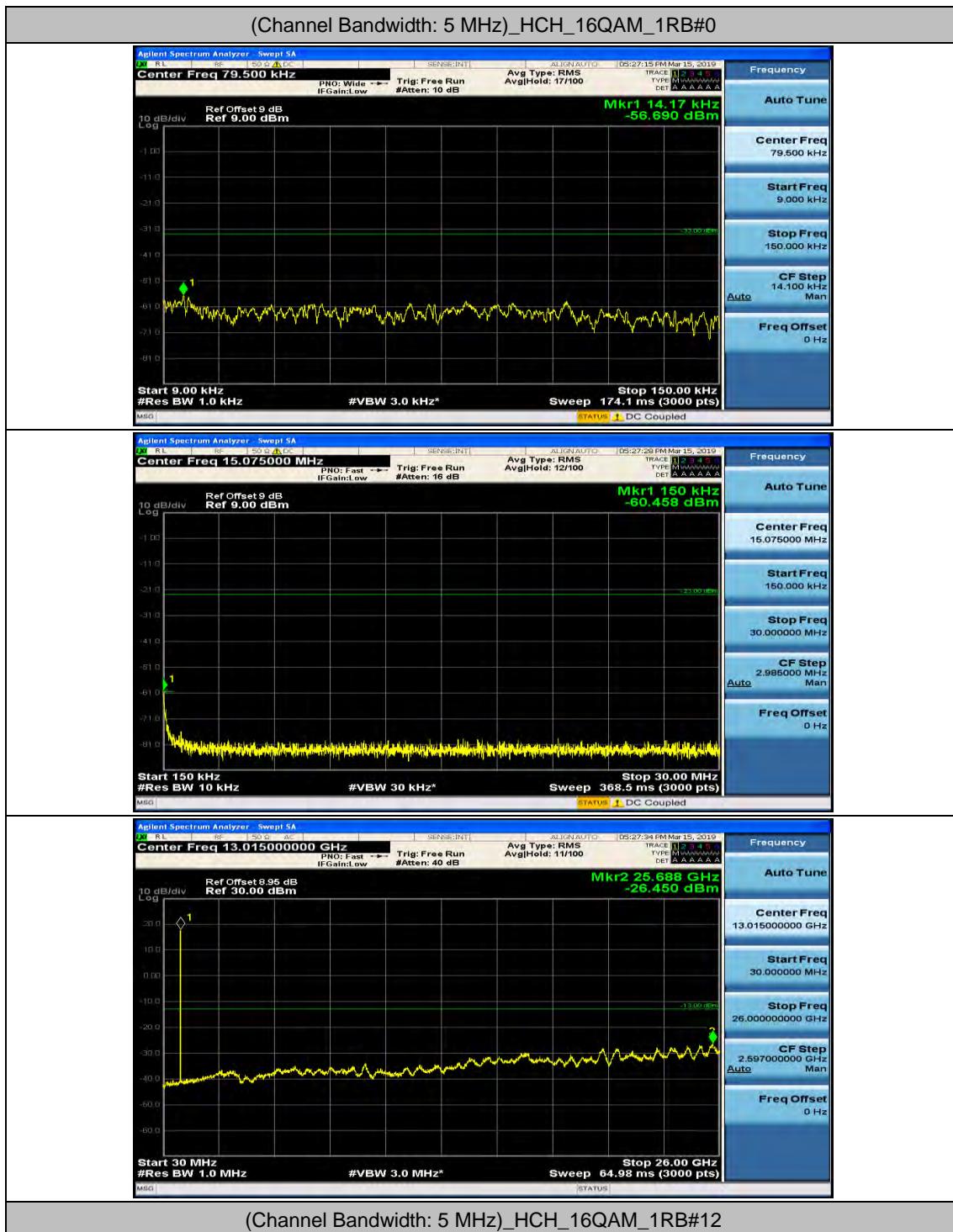


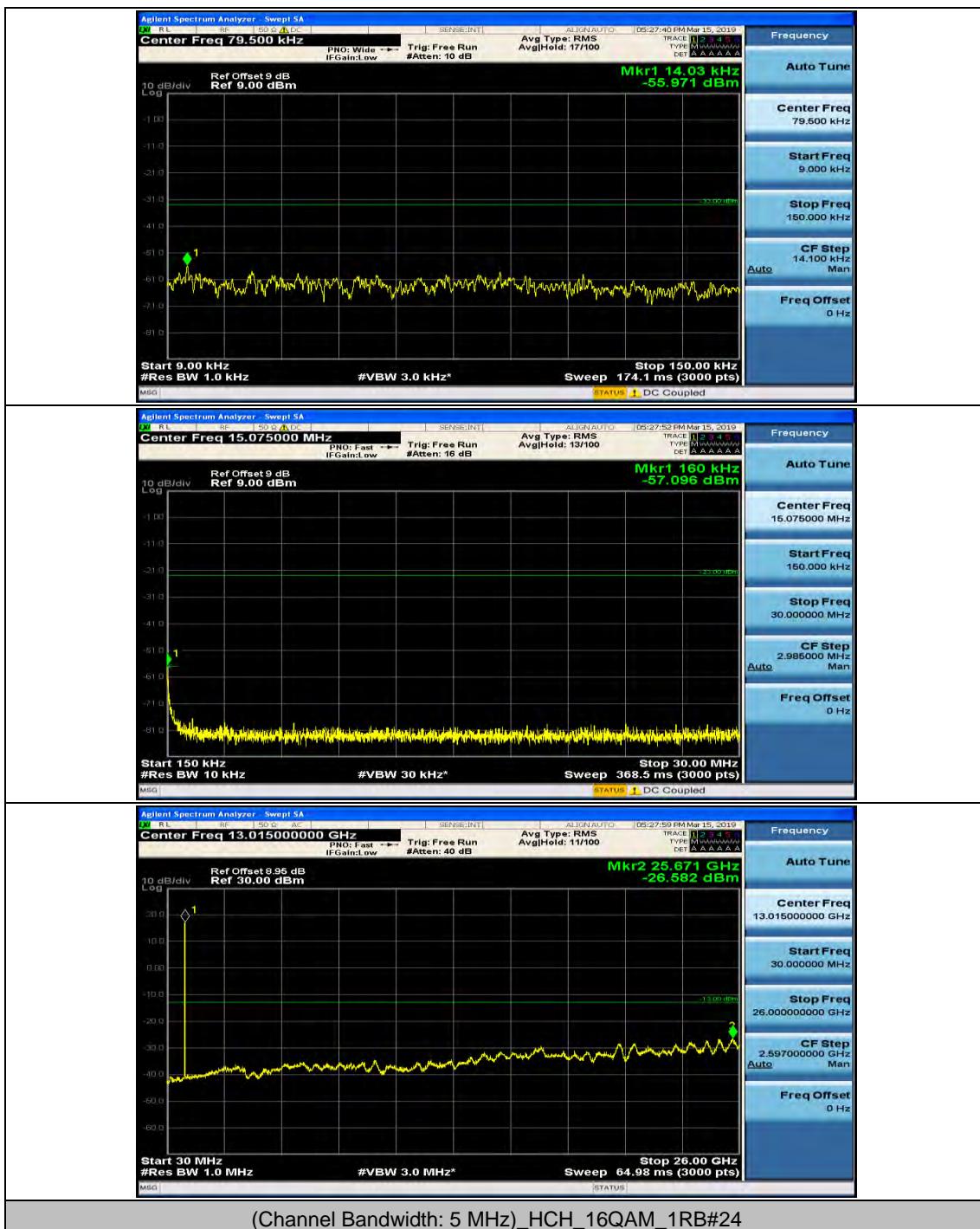


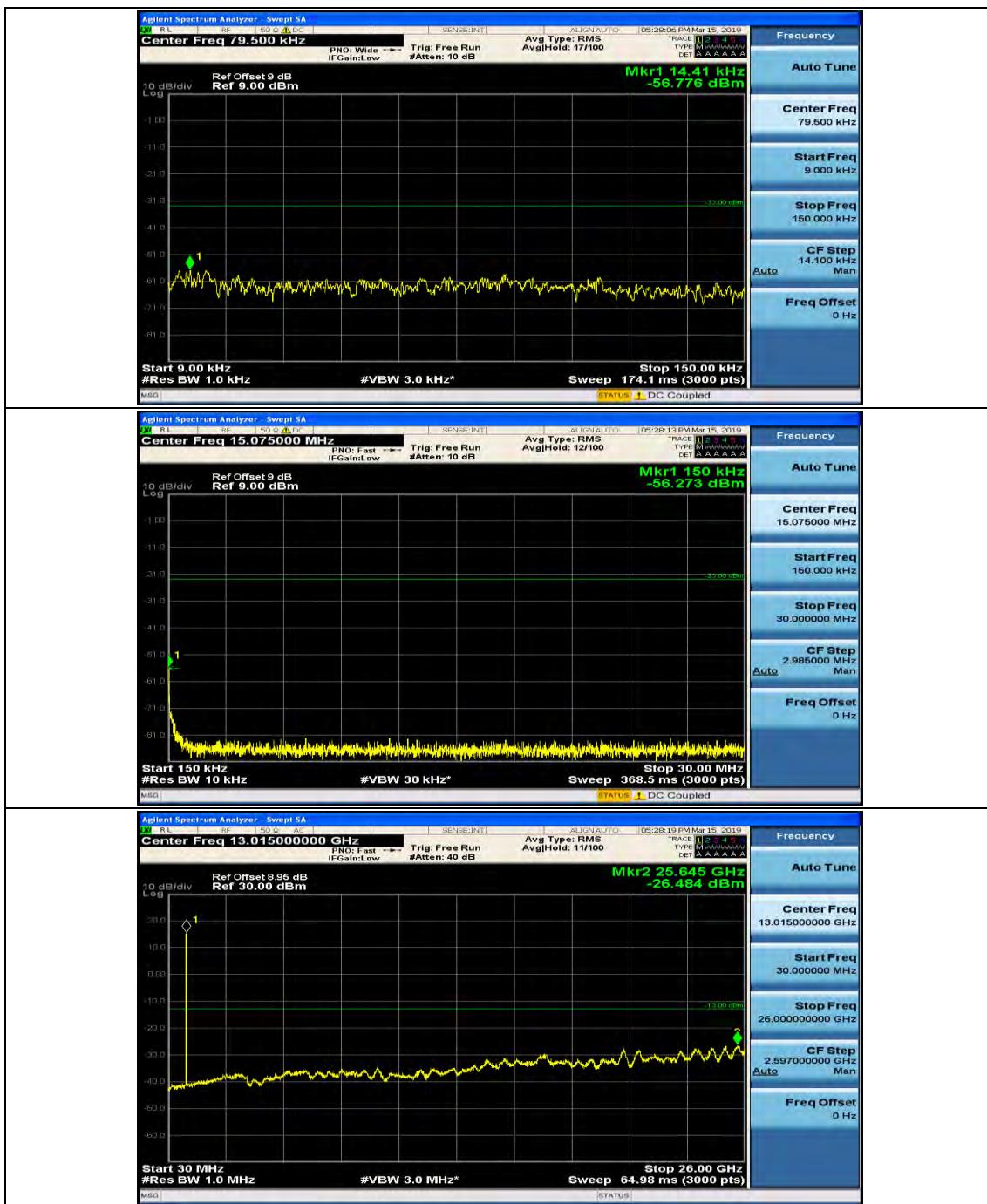




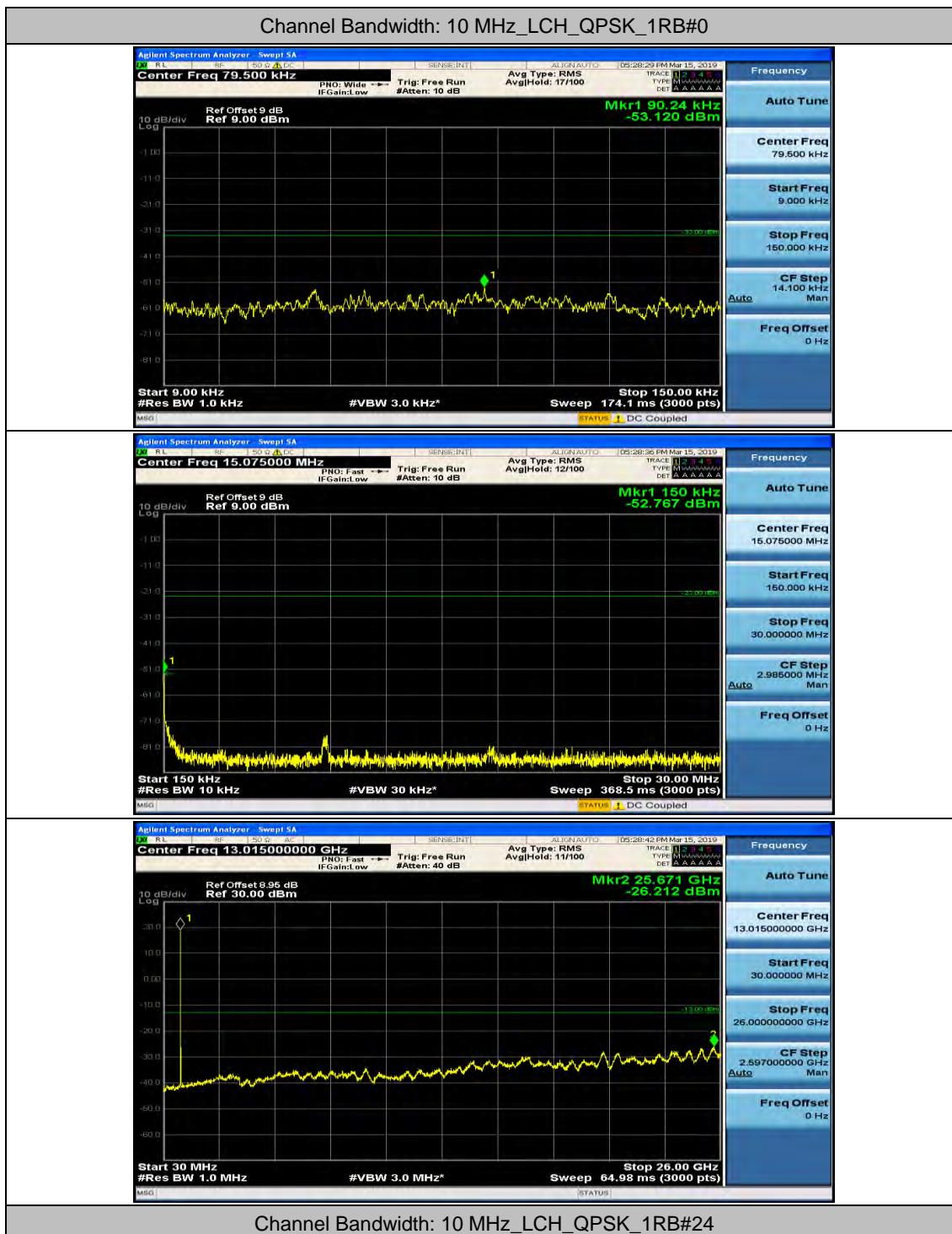


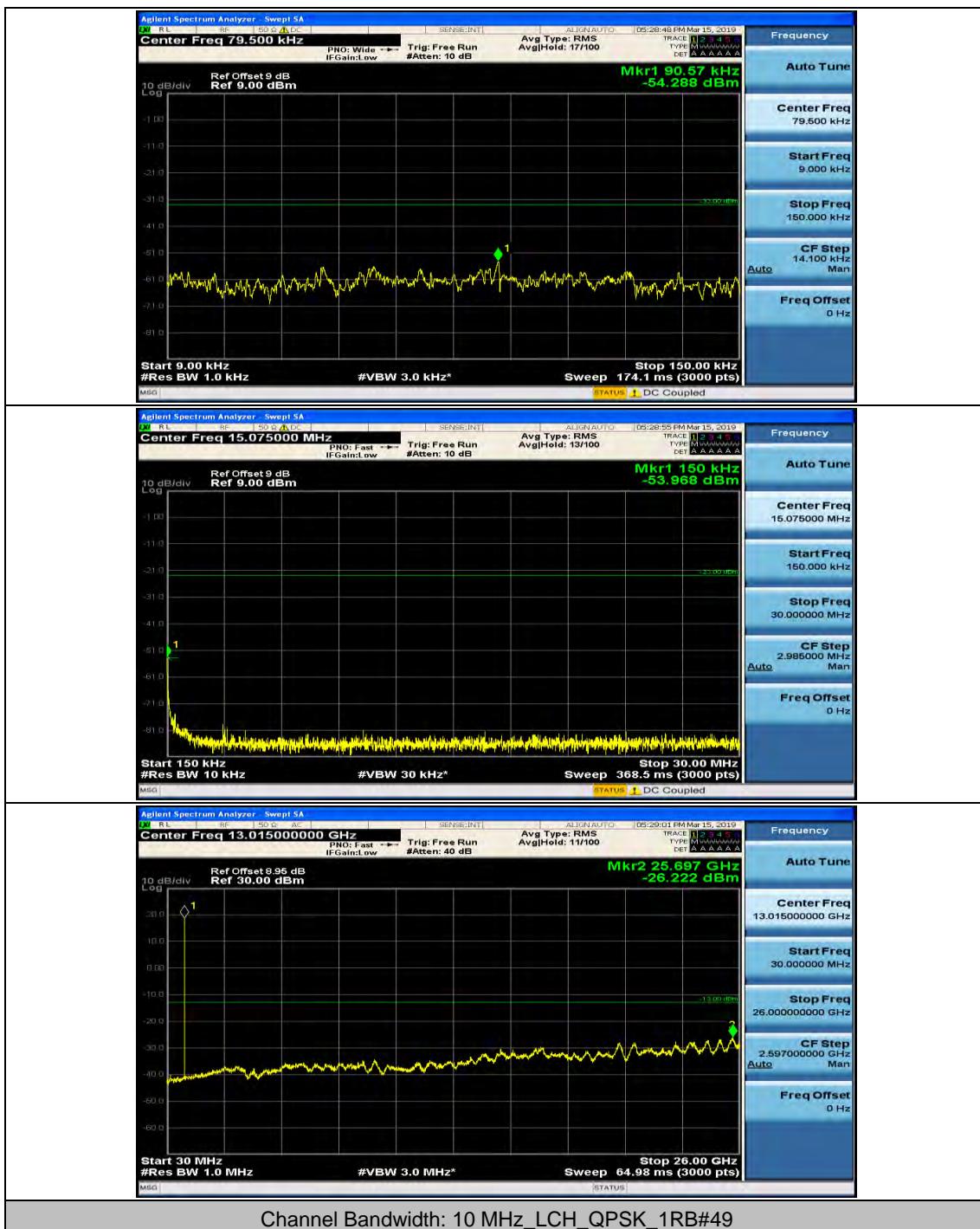


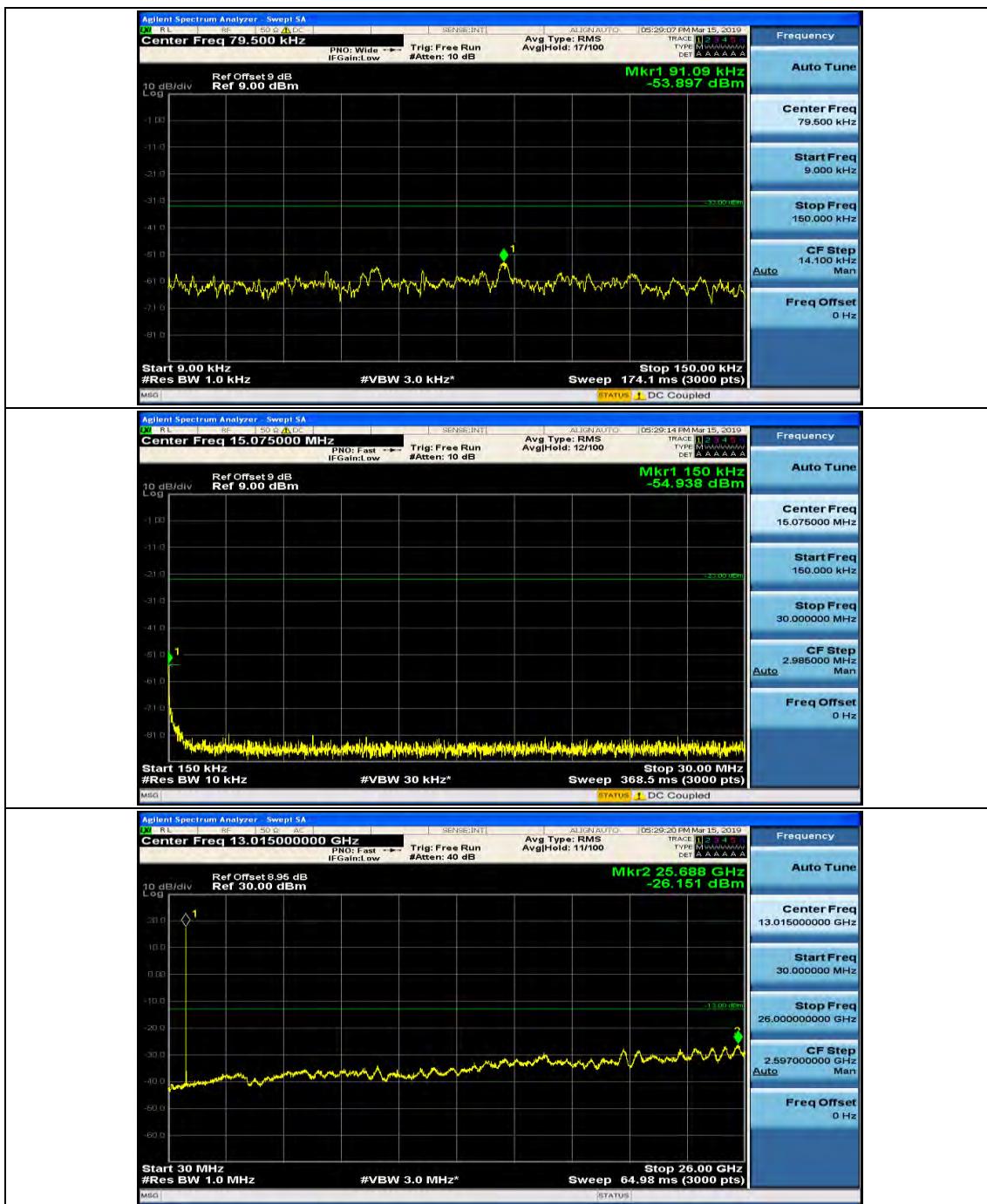


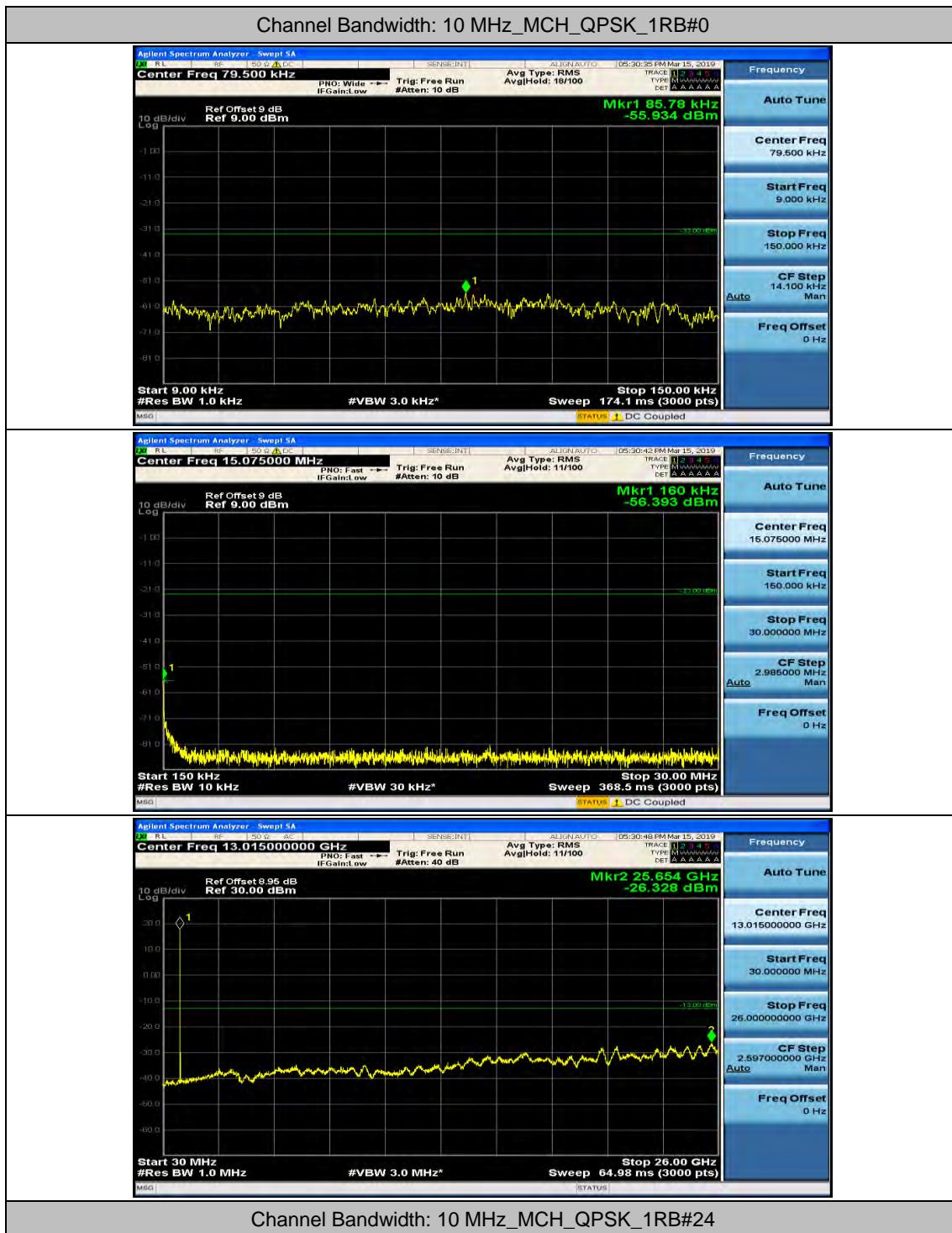


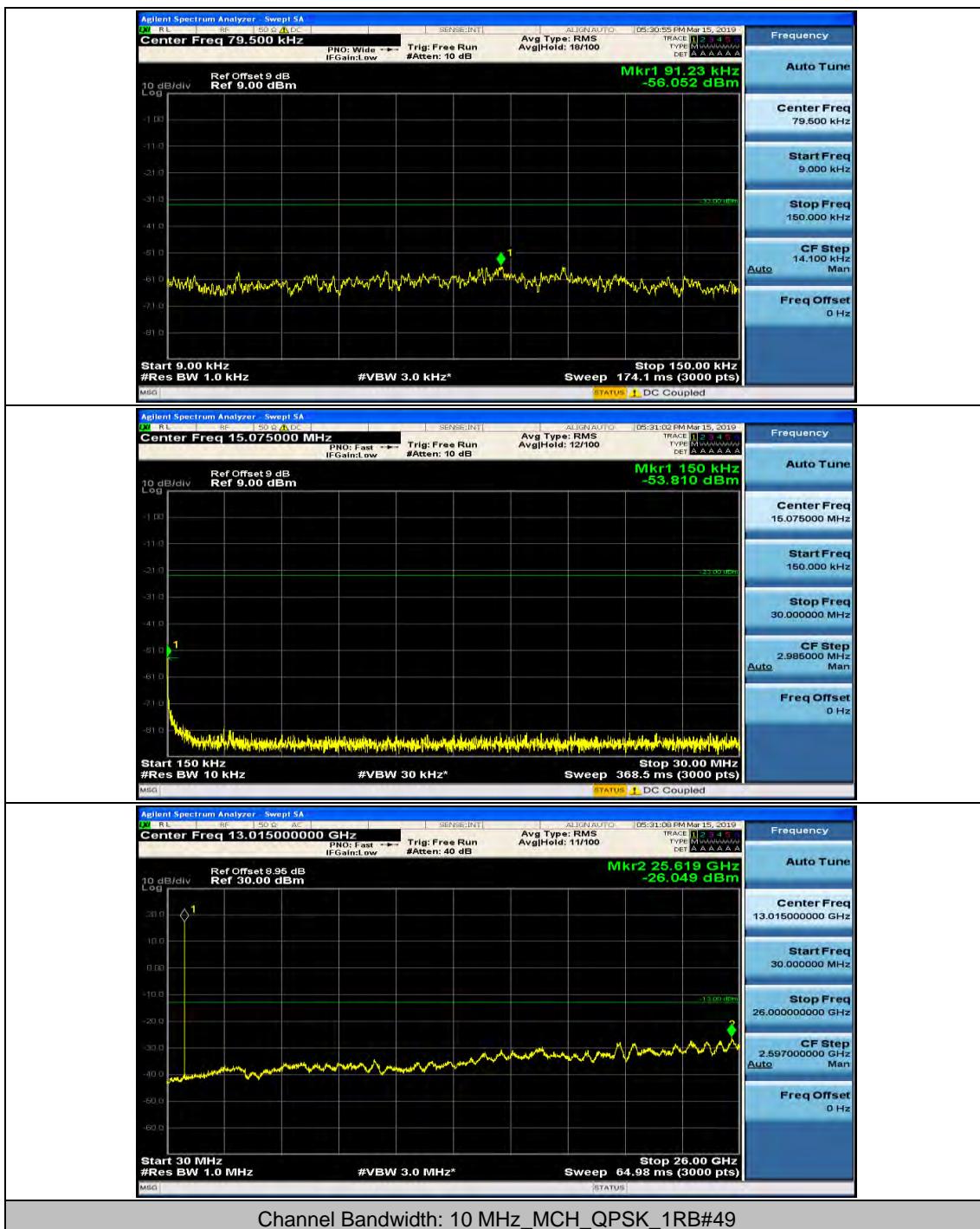
Channel Bandwidth: 10 MHz

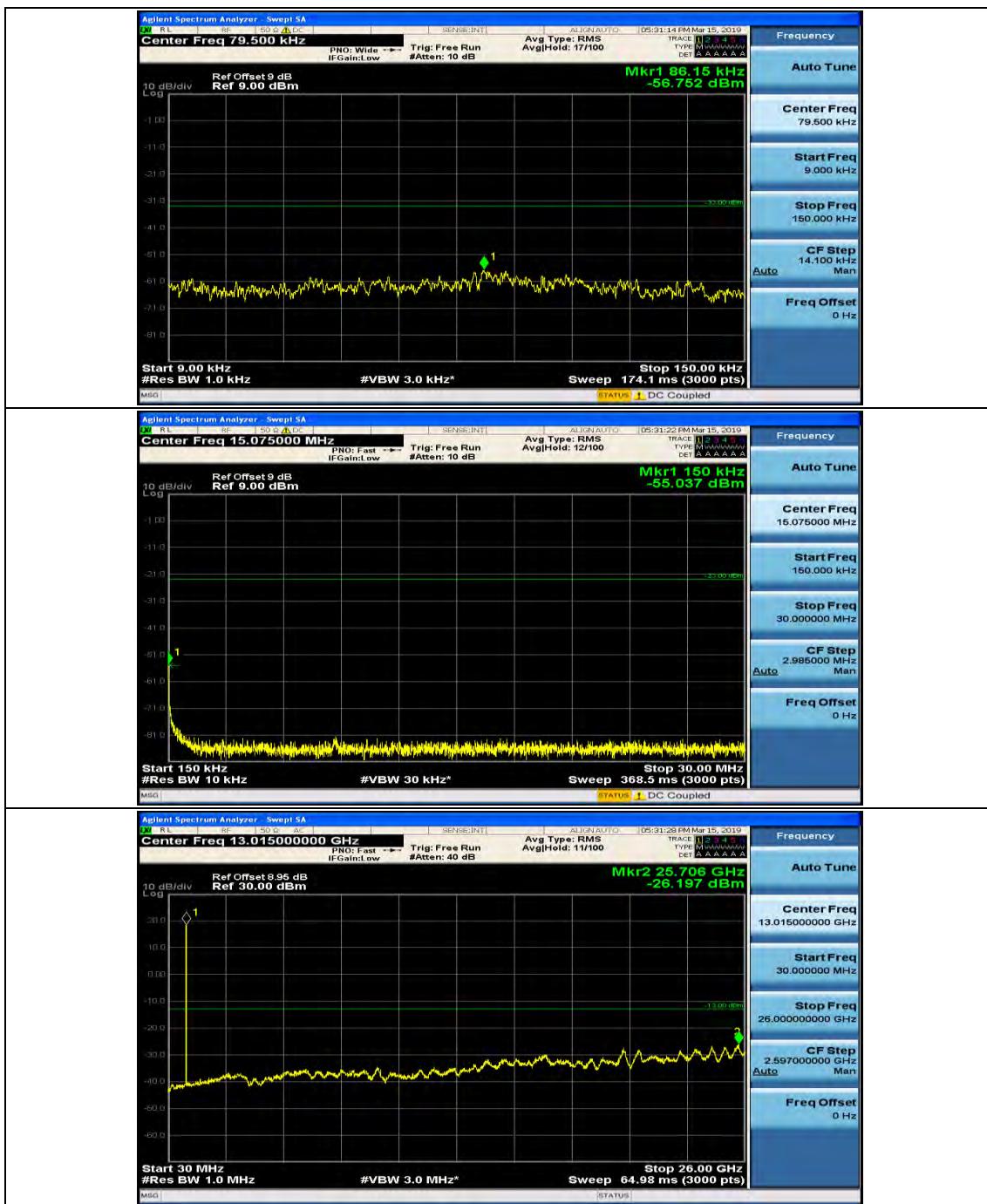


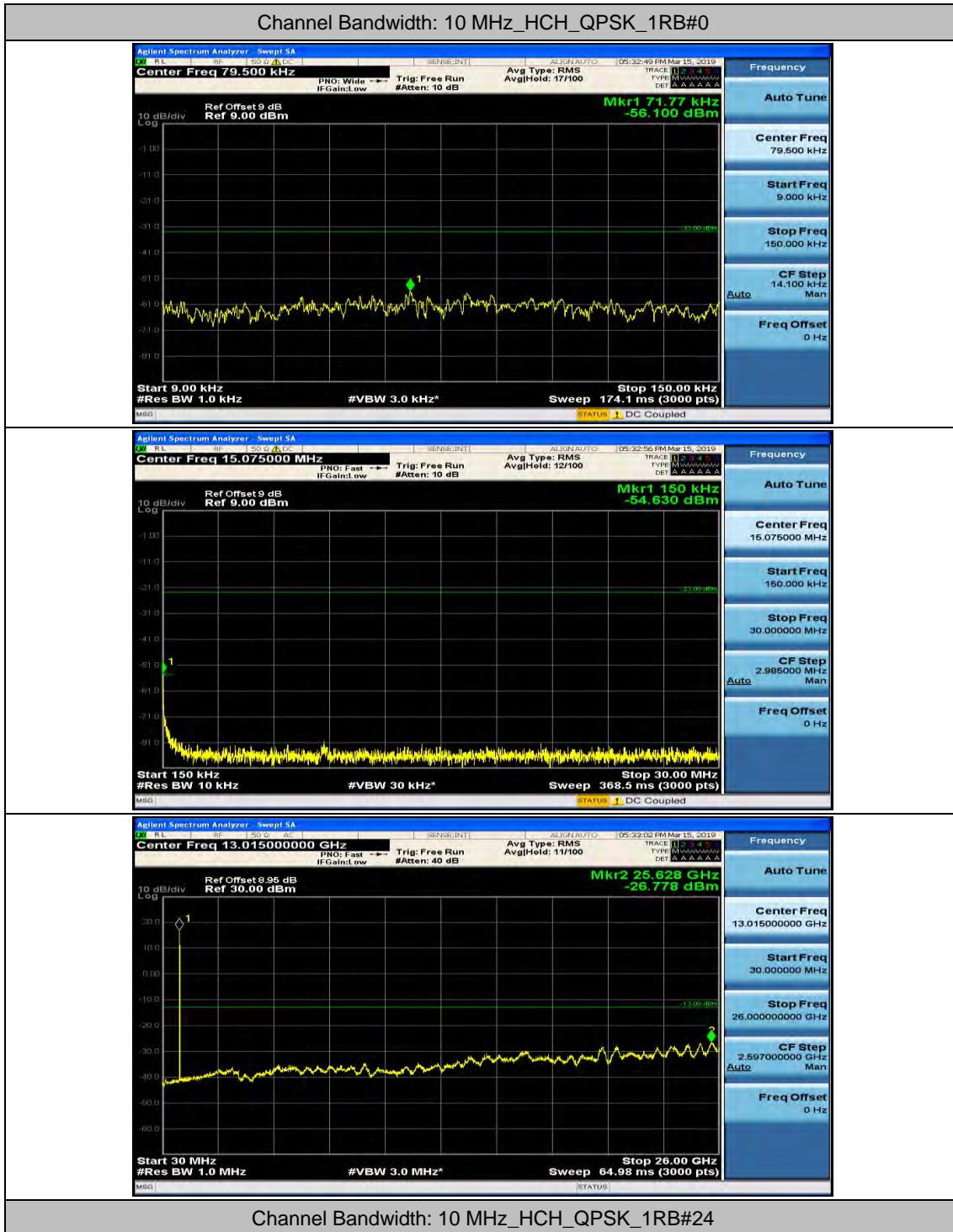


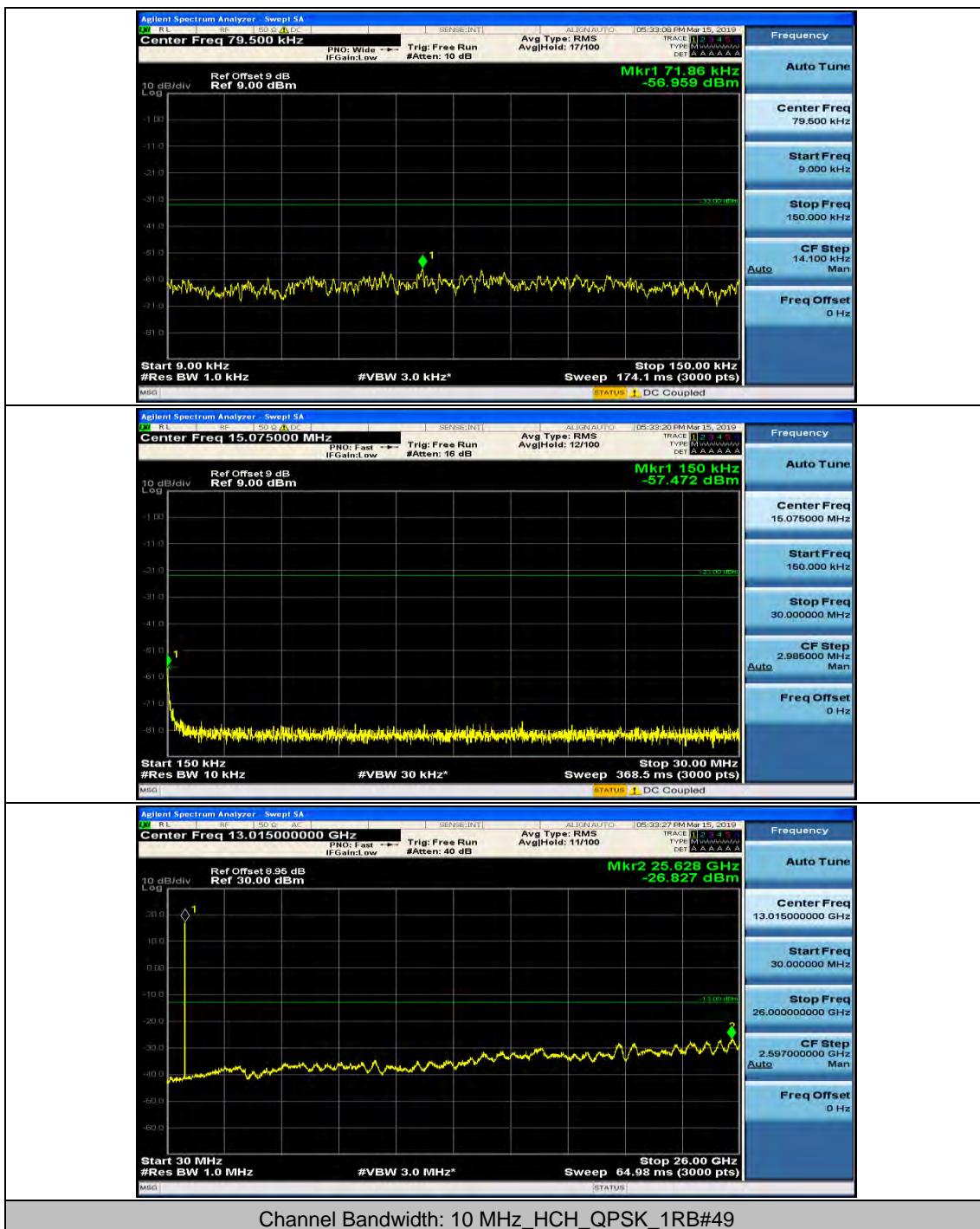


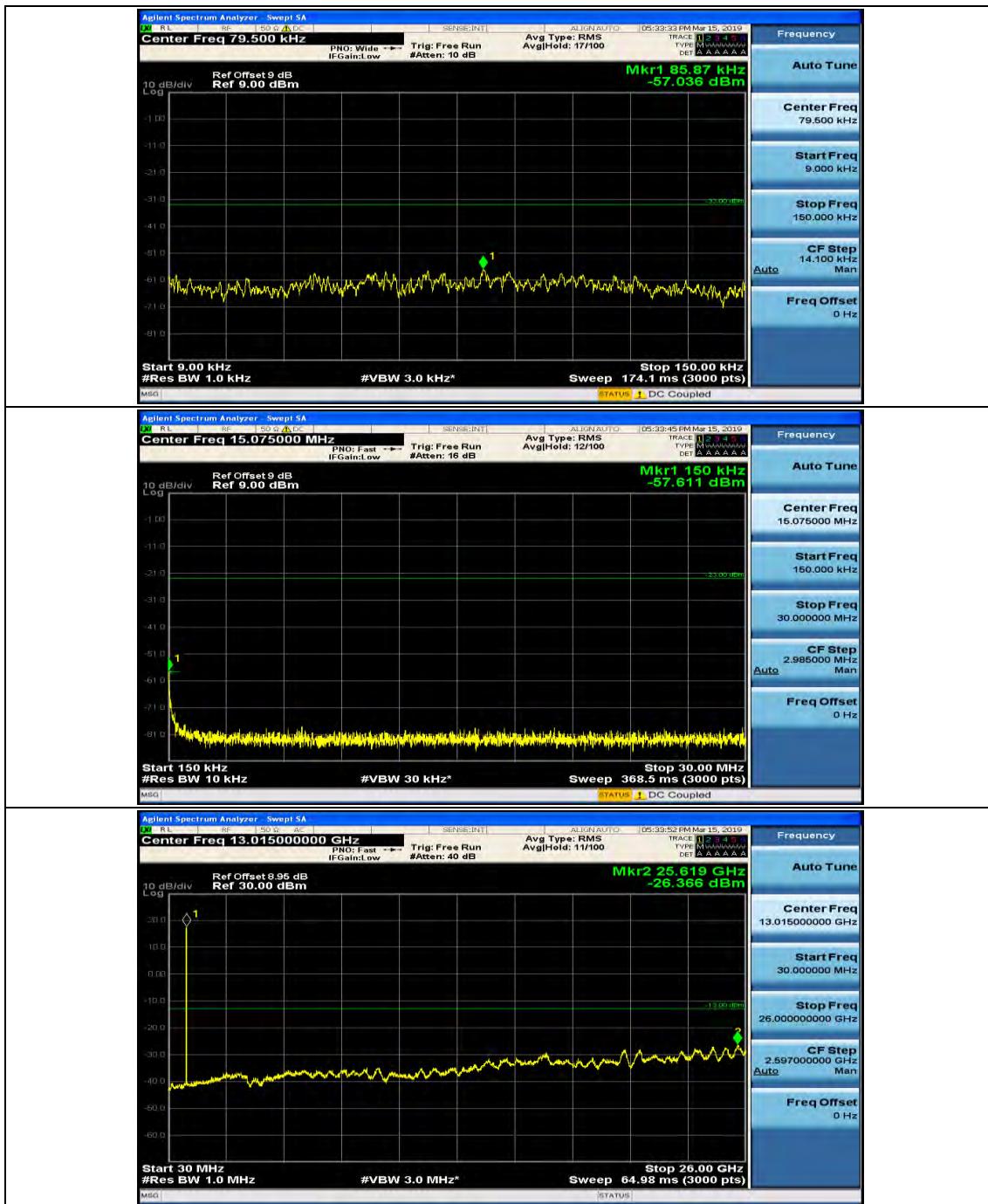


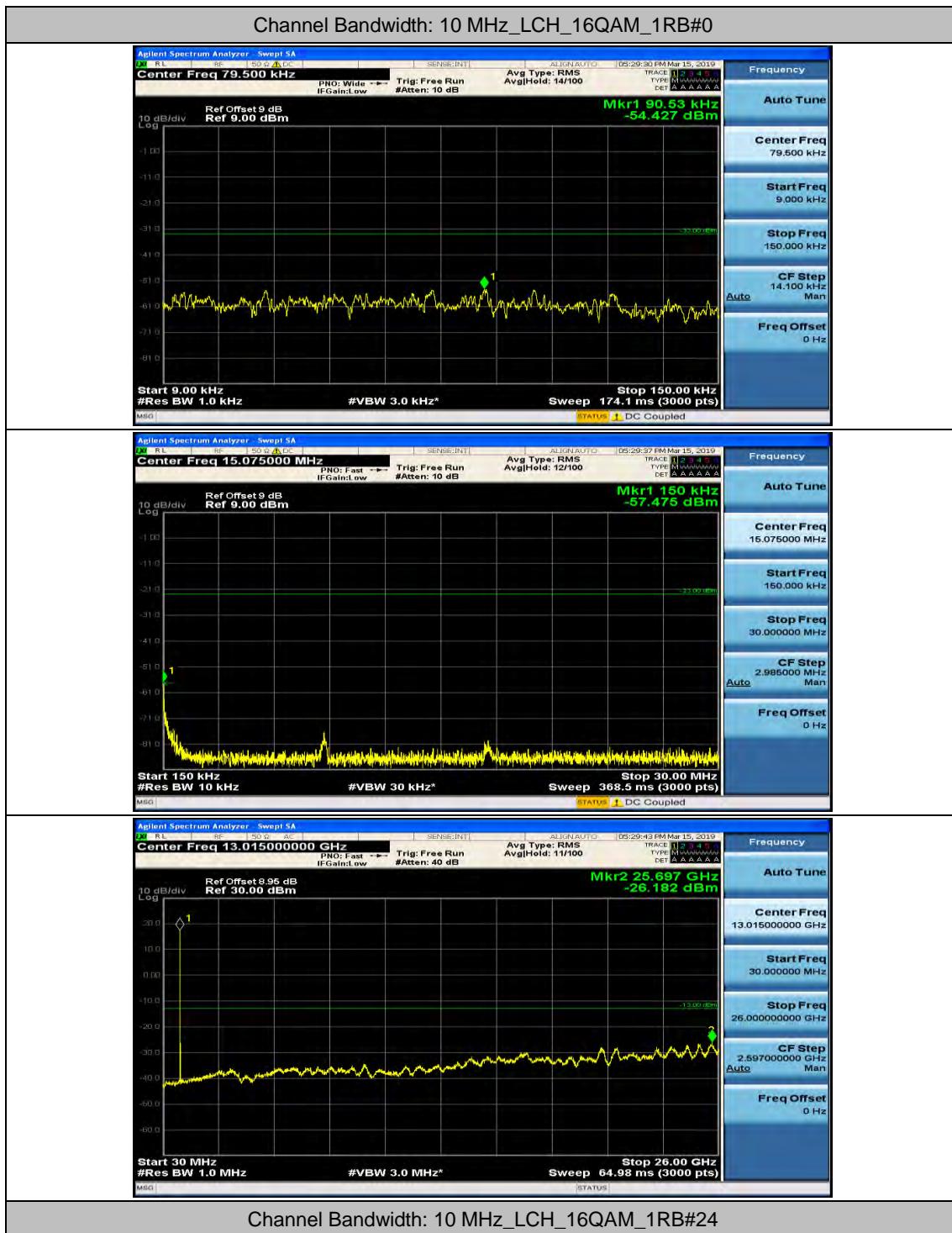


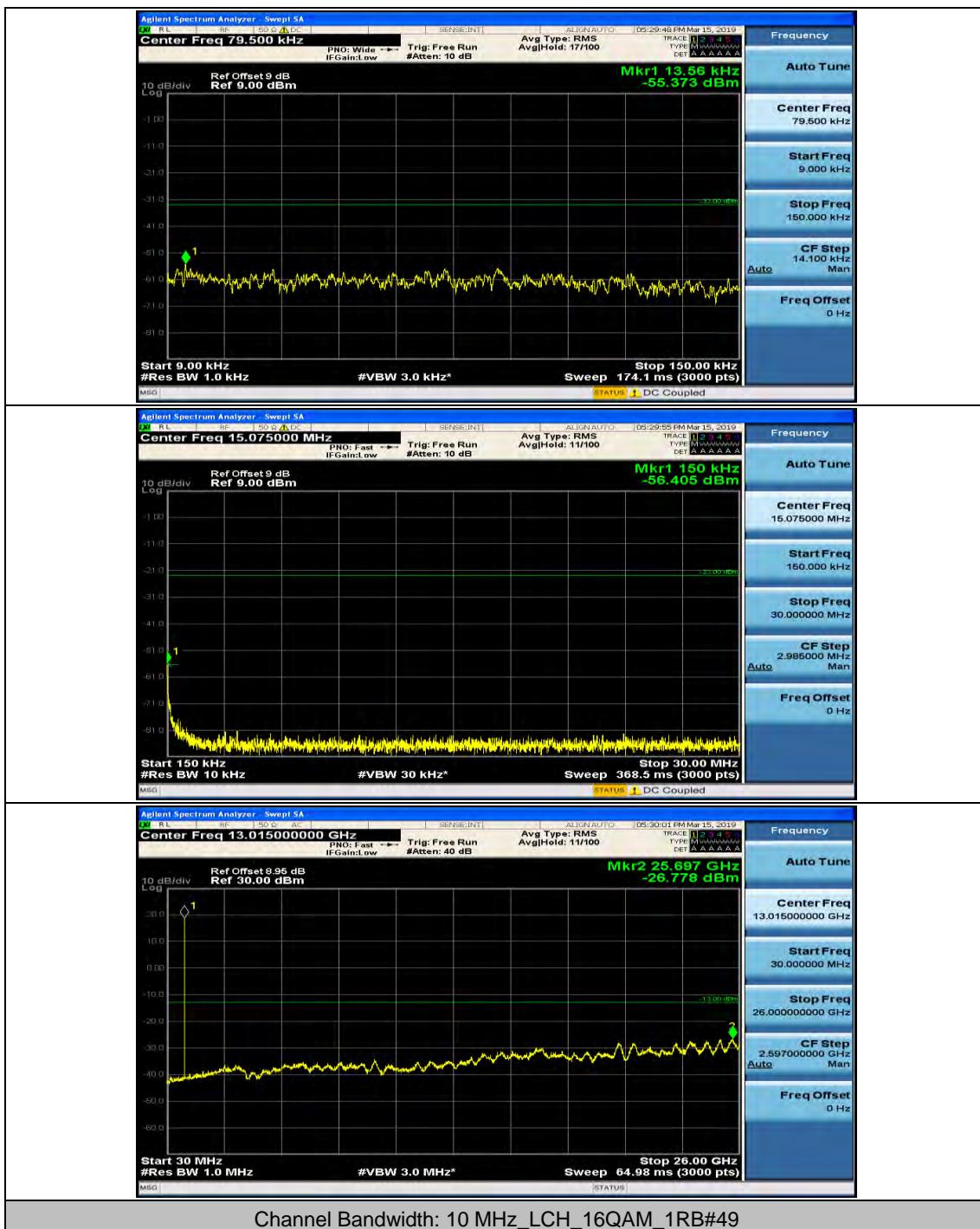


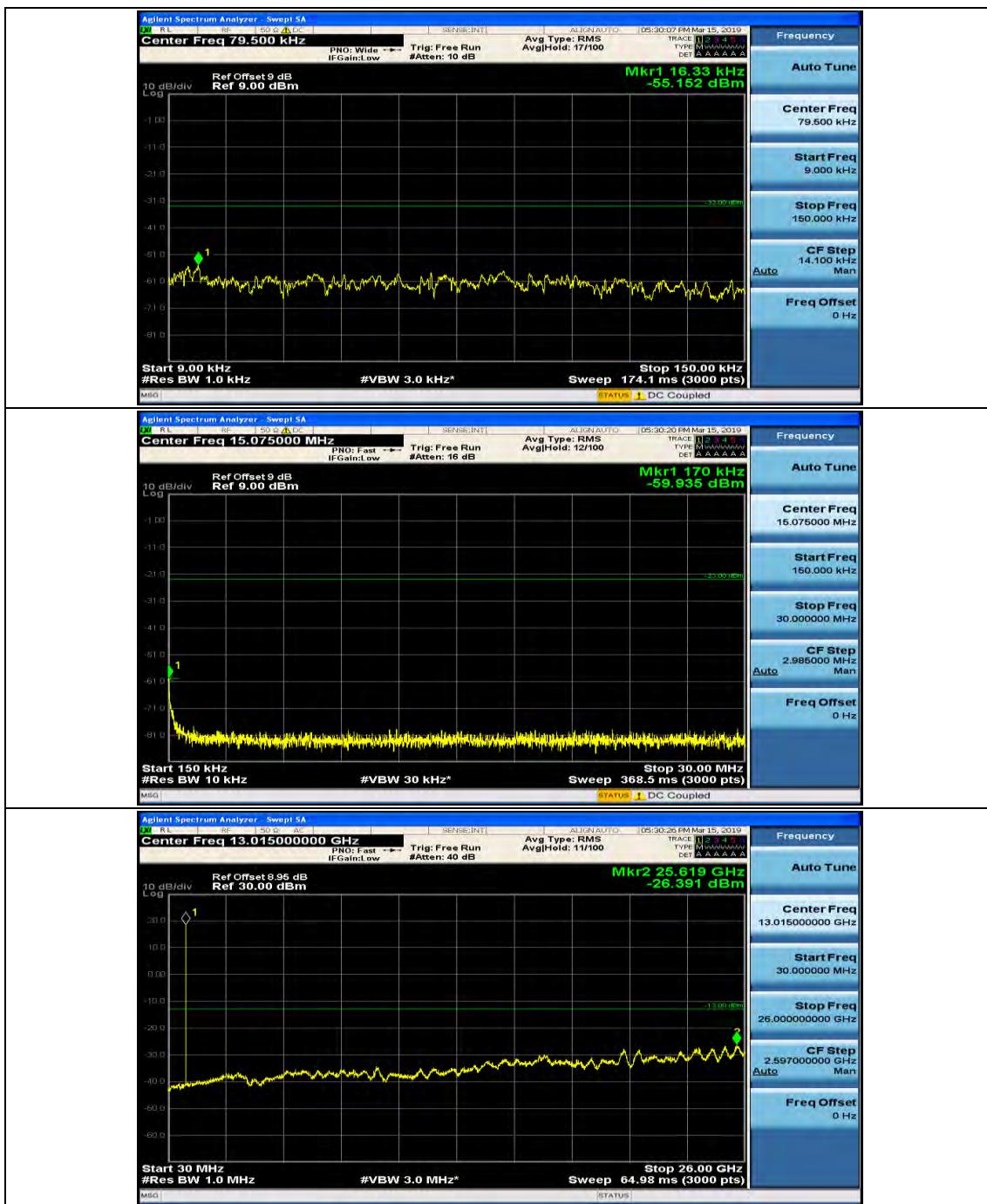


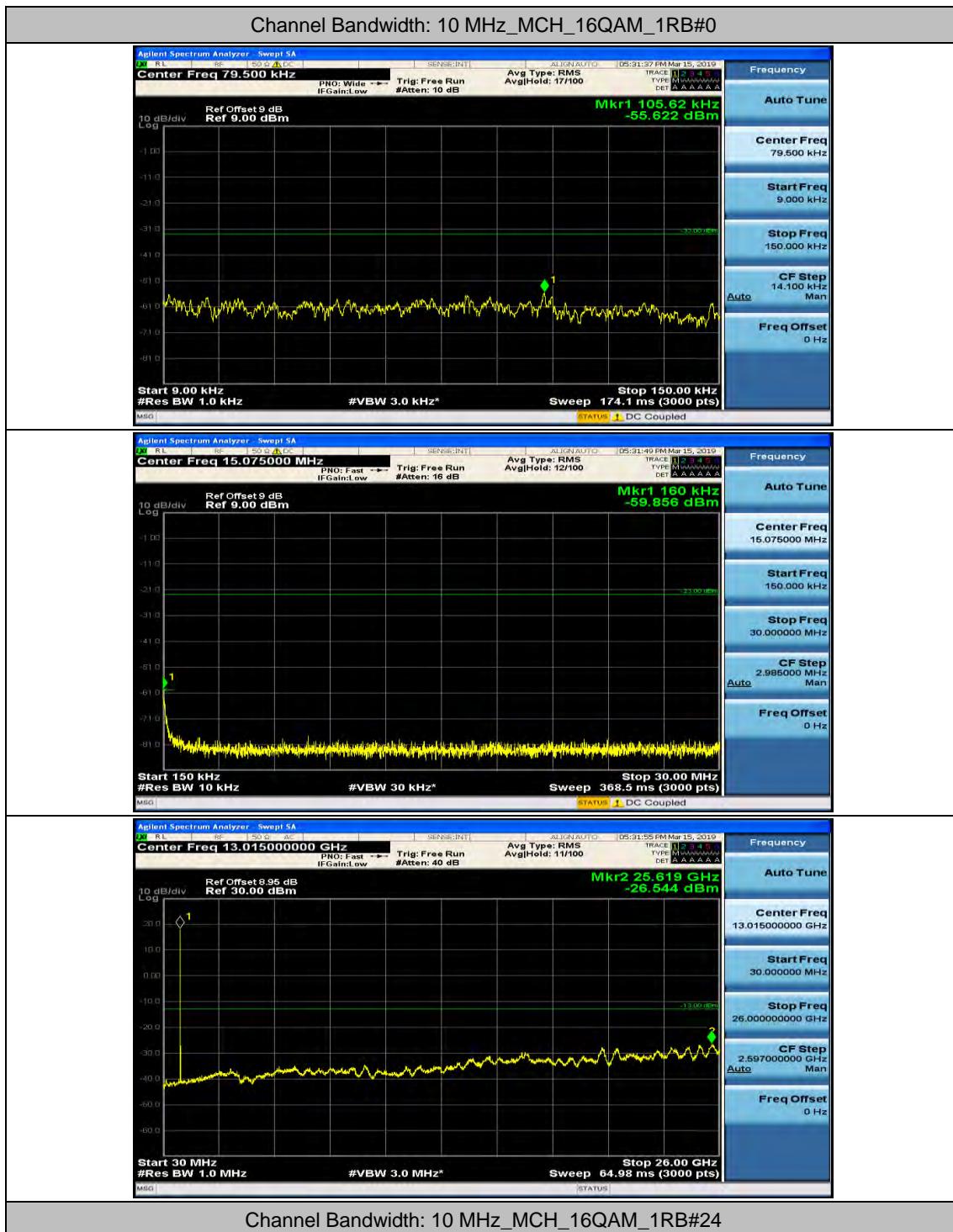


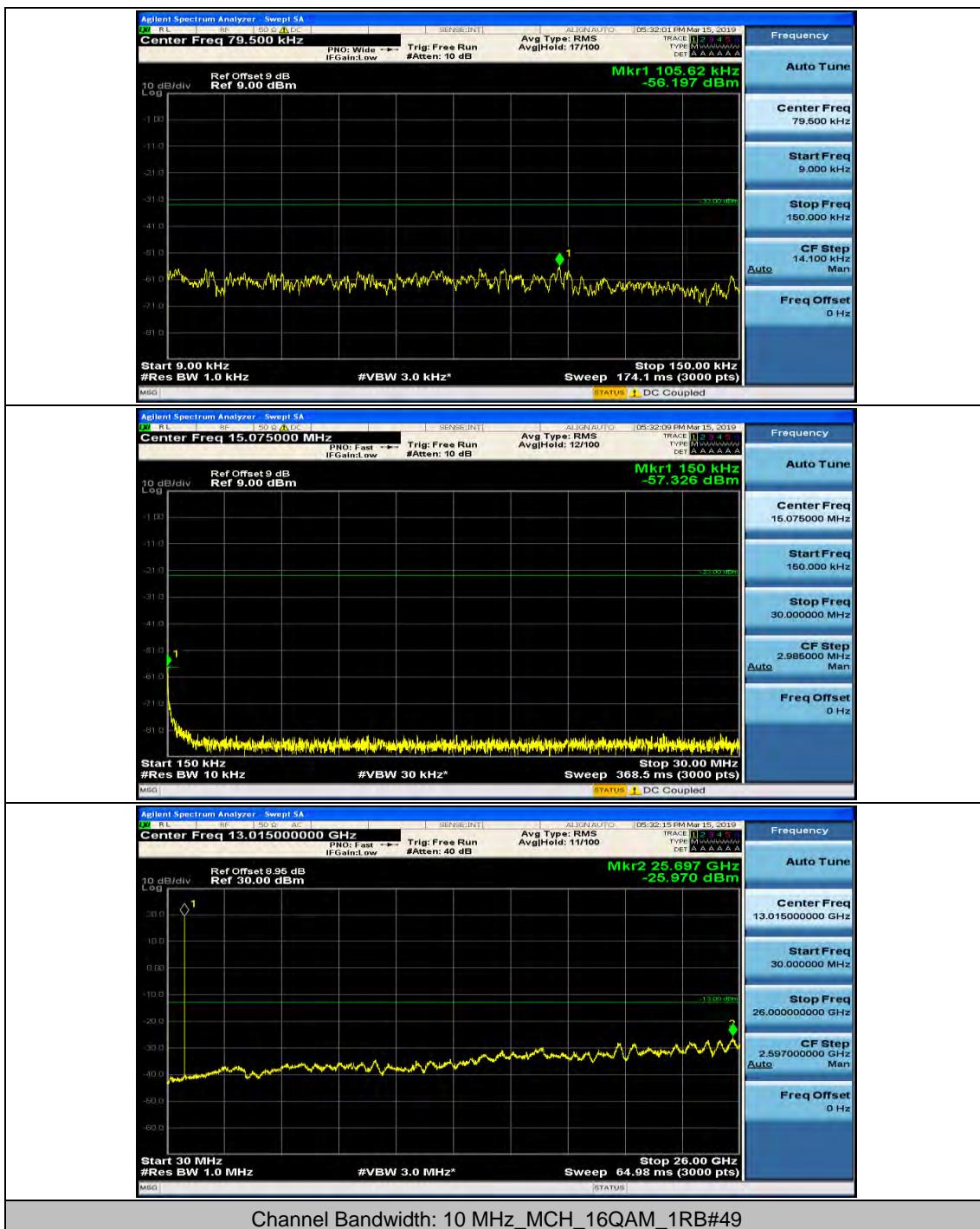


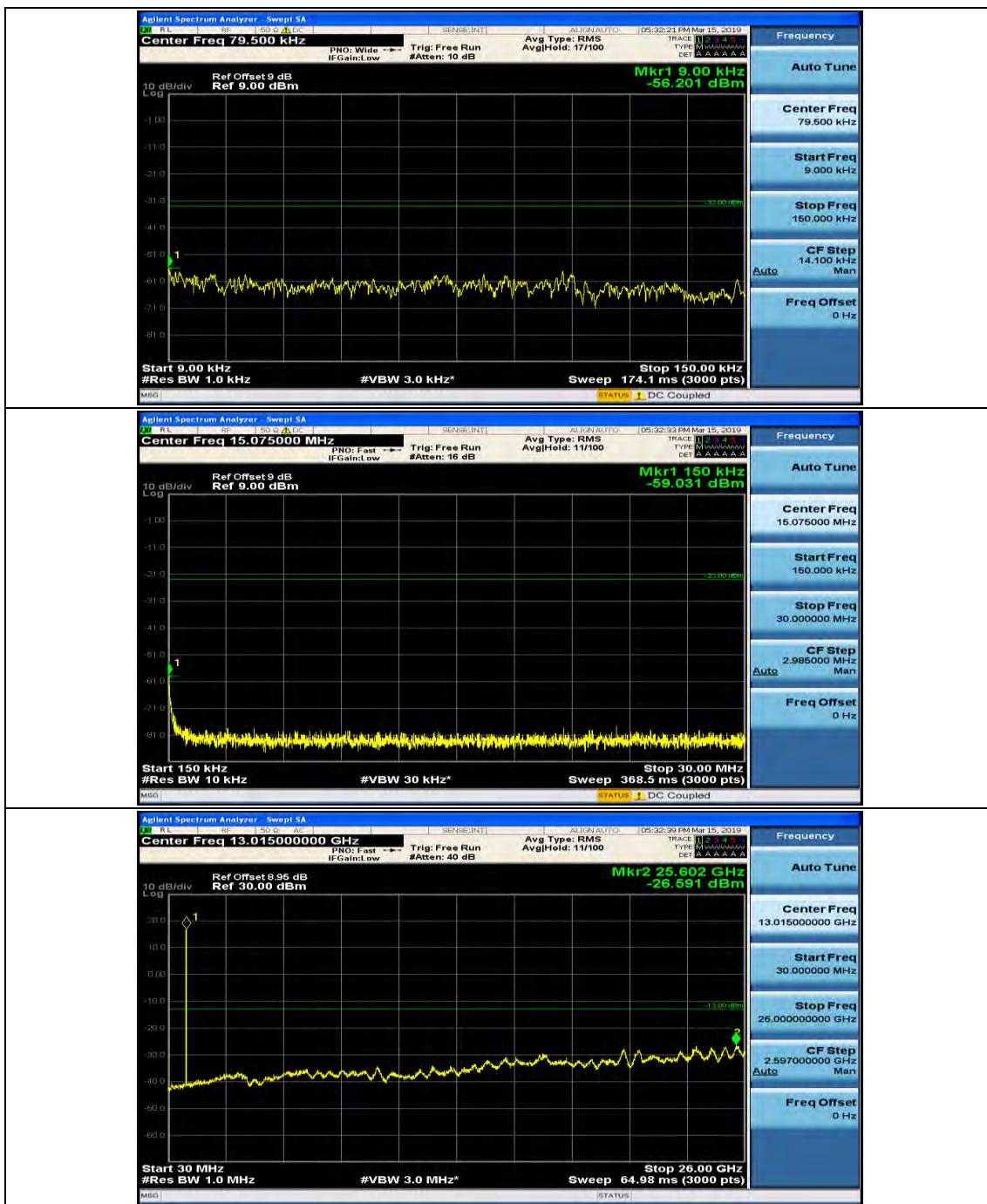


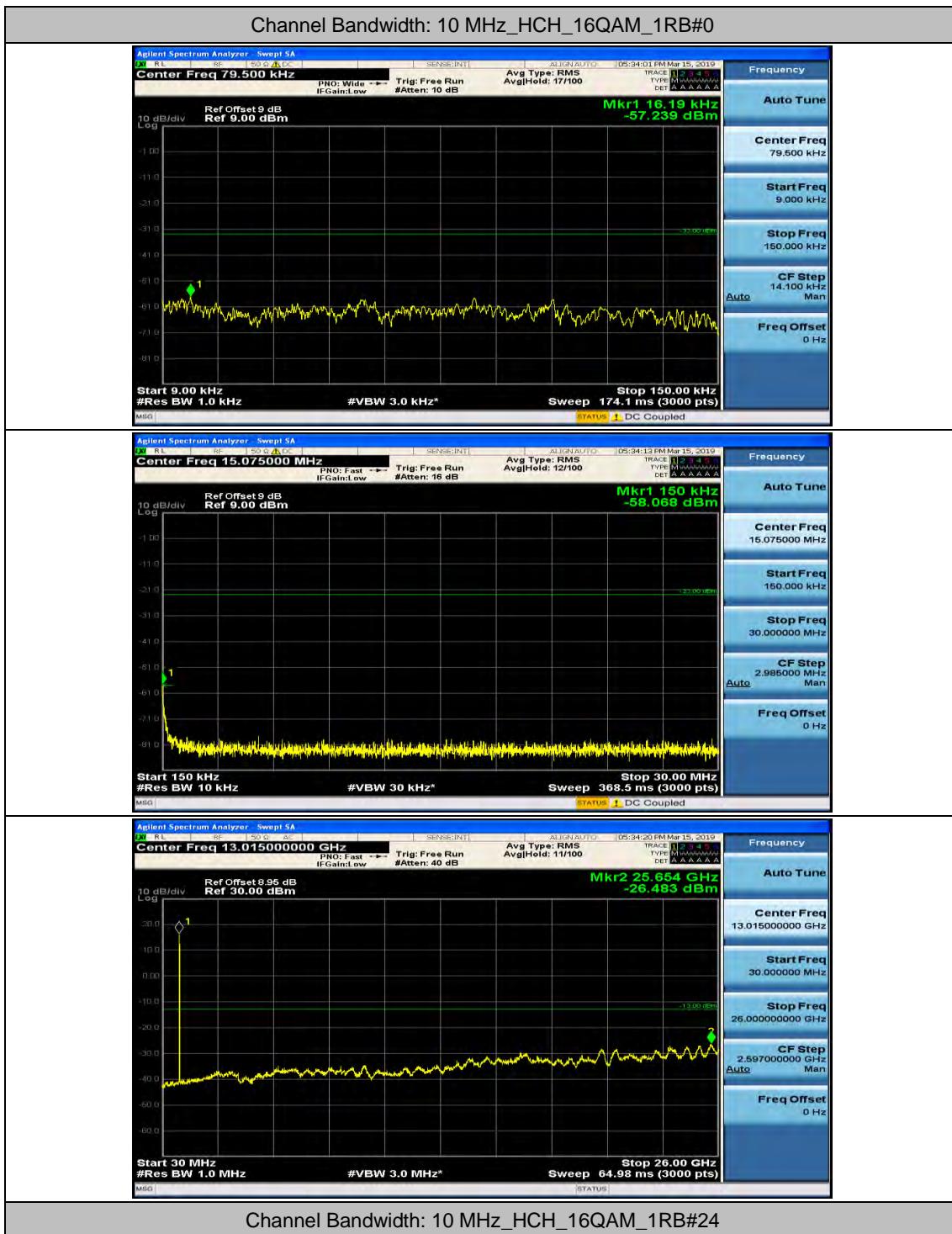


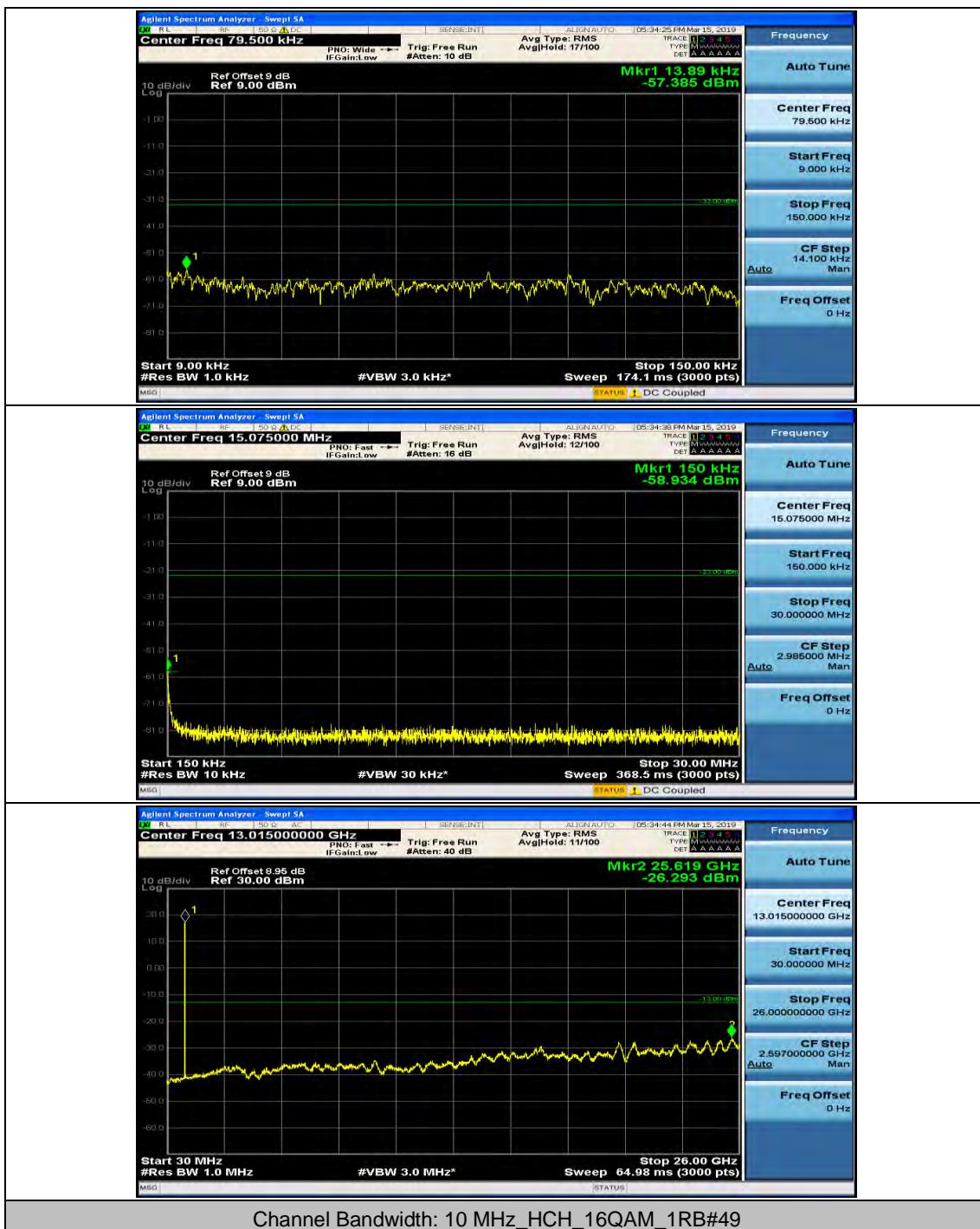


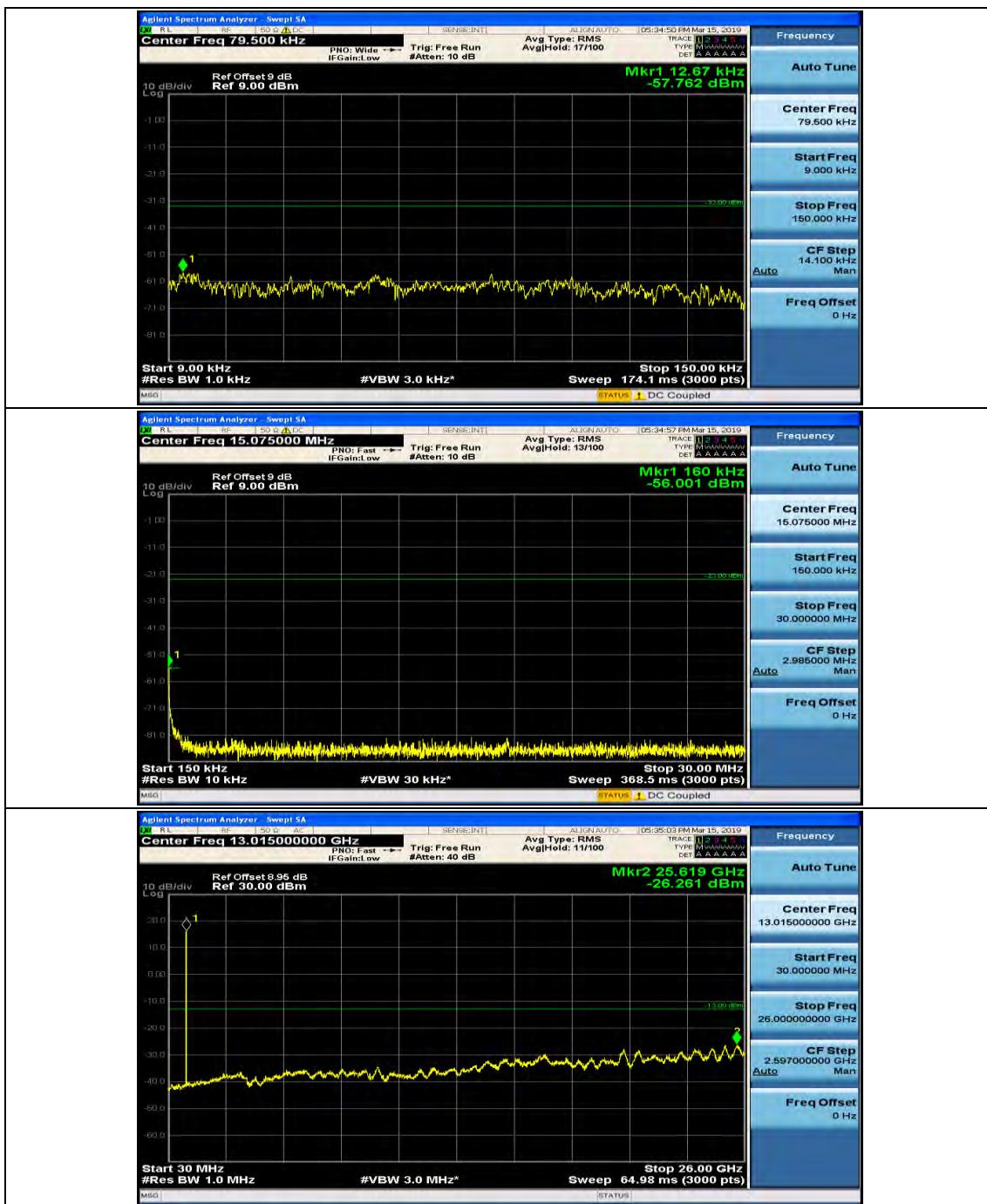












Appendix F: Frequency Stability

Test Result

Channel Bandwidth: 1.4 MHz

| Channel Bandwidth: 1.4 MHz | | | | | | | |
|----------------------------|----------|---------------|------------------|----------------|-----------------|-------------|---------|
| Voltage | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VL | TN | 0.48 | 0.000582 | ± 2.5 | PASS |
| | | VN | TN | 1 | 0.001213 | ± 2.5 | PASS |
| | | VH | TN | 0.08 | 0.000097 | ± 2.5 | PASS |
| | MCH | VL | TN | -0.07 | -0.000084 | ± 2.5 | PASS |
| | | VN | TN | -1.78 | -0.002128 | ± 2.5 | PASS |
| | | VH | TN | 0.42 | 0.000502 | ± 2.5 | PASS |
| | HCH | VL | TN | 4.2 | 0.004951 | ± 2.5 | PASS |
| | | VN | TN | 0.66 | 0.000778 | ± 2.5 | PASS |
| | | VH | TN | -1.51 | -0.001780 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | 4.94 | 0.005990 | ± 2.5 | PASS |
| | | VN | TN | 1.37 | 0.001661 | ± 2.5 | PASS |
| | | VH | TN | -1.37 | -0.001661 | ± 2.5 | PASS |
| | MCH | VL | TN | 4.1 | 0.004901 | ± 2.5 | PASS |
| | | VN | TN | 1.93 | 0.002307 | ± 2.5 | PASS |
| | | VH | TN | -1.66 | -0.001984 | ± 2.5 | PASS |
| | HCH | VL | TN | 2.36 | 0.002782 | ± 2.5 | PASS |
| | | VN | TN | 4.32 | 0.005093 | ± 2.5 | PASS |
| | | VH | TN | 3.84 | 0.004527 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channe l | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VN | -30 | 4.38 | 0.005311 | ± 2.5 | PASS |
| | | VN | -20 | 4.65 | 0.005638 | ± 2.5 | PASS |
| | | VN | -10 | 2.04 | 0.002474 | ± 2.5 | PASS |
| | | VN | 0 | -1.67 | -0.002025 | ± 2.5 | PASS |
| | | VN | 10 | 4.4 | 0.005335 | ± 2.5 | PASS |
| | | VN | 20 | 4.54 | 0.005505 | ± 2.5 | PASS |
| | | VN | 30 | 1.96 | 0.002377 | ± 2.5 | PASS |
| | | VN | 40 | 0.6 | 0.000728 | ± 2.5 | PASS |
| | | VN | 50 | -0.21 | -0.000255 | ± 2.5 | PASS |
| | MCH | VN | -30 | 4.88 | 0.005834 | ± 2.5 | PASS |

| | | | | | | | |
|-------|-----|----|-----|-------|-----------|-----------|------|
| | | VN | -20 | 0.06 | 0.000072 | ± 2.5 | PASS |
| | | VN | -10 | 4.7 | 0.005619 | ± 2.5 | PASS |
| | | VN | 0 | 2.75 | 0.003288 | ± 2.5 | PASS |
| | | VN | 10 | -1.21 | -0.001447 | ± 2.5 | PASS |
| | | VN | 20 | -1.98 | -0.002367 | ± 2.5 | PASS |
| | | VN | 30 | -1.01 | -0.001207 | ± 2.5 | PASS |
| | | VN | 40 | 1.4 | 0.001674 | ± 2.5 | PASS |
| | | VN | 50 | 0.93 | 0.001112 | ± 2.5 | PASS |
| | HCH | VN | -30 | 2.96 | 0.003489 | ± 2.5 | PASS |
| | | VN | -20 | -1.9 | -0.002240 | ± 2.5 | PASS |
| | | VN | -10 | 1.11 | 0.001308 | ± 2.5 | PASS |
| | | VN | 0 | 0.55 | 0.000648 | ± 2.5 | PASS |
| | | VN | 10 | 4.82 | 0.005682 | ± 2.5 | PASS |
| | | VN | 20 | 4.51 | 0.005317 | ± 2.5 | PASS |
| | | VN | 30 | 3.82 | 0.004503 | ± 2.5 | PASS |
| | | VN | 40 | 1.49 | 0.001756 | ± 2.5 | PASS |
| | | VN | 50 | -0.62 | -0.000731 | ± 2.5 | PASS |
| 16QAM | LCH | VN | -30 | 4.78 | 0.005796 | ± 2.5 | PASS |
| | | VN | -20 | -0.51 | -0.000618 | ± 2.5 | PASS |
| | | VN | -10 | 1.71 | 0.002073 | ± 2.5 | PASS |
| | | VN | 0 | 4.23 | 0.005129 | ± 2.5 | PASS |
| | | VN | 10 | -0.17 | -0.000206 | ± 2.5 | PASS |
| | | VN | 20 | 4.48 | 0.005432 | ± 2.5 | PASS |
| | | VN | 30 | -1.23 | -0.001491 | ± 2.5 | PASS |
| | | VN | 40 | 2.46 | 0.002983 | ± 2.5 | PASS |
| | | VN | 50 | -1.36 | -0.001649 | ± 2.5 | PASS |
| | MCH | VN | -30 | 1.59 | 0.001874 | ± 2.5 | PASS |
| | | VN | -20 | -1.42 | -0.001674 | ± 2.5 | PASS |
| | | VN | -10 | 2.2 | 0.002593 | ± 2.5 | PASS |
| | | VN | 0 | 0 | 0.000000 | ± 2.5 | PASS |
| | | VN | 10 | 0.27 | 0.000318 | ± 2.5 | PASS |
| | | VN | 20 | -1.5 | -0.001768 | ± 2.5 | PASS |
| | | VN | 30 | 3.93 | 0.004633 | ± 2.5 | PASS |
| | | VN | 40 | 0.29 | 0.000342 | ± 2.5 | PASS |
| | | VN | 50 | -1.71 | -0.002016 | ± 2.5 | PASS |
| | HCH | VN | -30 | 2.85 | 0.003360 | ± 2.5 | PASS |
| | | VN | -20 | 1.51 | 0.001780 | ± 2.5 | PASS |
| | | VN | -10 | 4.44 | 0.005234 | ± 2.5 | PASS |
| | | VN | 0 | 0.13 | 0.000153 | ± 2.5 | PASS |
| | | VN | 10 | 0.84 | 0.000990 | ± 2.5 | PASS |
| | | VN | 20 | 3.25 | 0.003831 | ± 2.5 | PASS |

| | | | | | | | |
|--|--|----|----|-------|-----------|-----------|------|
| | | VN | 30 | -0.99 | -0.001167 | ± 2.5 | PASS |
| | | VN | 40 | 0.96 | 0.001132 | ± 2.5 | PASS |
| | | VN | 50 | 3.37 | 0.003973 | ± 2.5 | PASS |

Channel Bandwidth: 3 MHz

| Channel Bandwidth: 3 MHz+ | | | | | | | |
|---------------------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Voltage | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VL | TN | 3.38 | 0.004094 | ± 2.5 | PASS |
| | | VN | TN | -1.87 | -0.002265 | ± 2.5 | PASS |
| | | VH | TN | 2.94 | 0.003561 | ± 2.5 | PASS |
| | MCH | VL | TN | -1.03 | -0.001231 | ± 2.5 | PASS |
| | | VN | TN | 1.59 | 0.001901 | ± 2.5 | PASS |
| | | VH | TN | 3.28 | 0.003921 | ± 2.5 | PASS |
| | HCH | VL | TN | 4.74 | 0.005593 | ± 2.5 | PASS |
| | | VN | TN | 3.16 | 0.003729 | ± 2.5 | PASS |
| | | VH | TN | 0.42 | 0.000496 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | 3.1 | 0.003755 | ± 2.5 | PASS |
| | | VN | TN | -0.59 | -0.000715 | ± 2.5 | PASS |
| | | VH | TN | 3.91 | 0.004737 | ± 2.5 | PASS |
| | MCH | VL | TN | 1.82 | 0.002176 | ± 2.5 | PASS |
| | | VN | TN | 4.69 | 0.005607 | ± 2.5 | PASS |
| | | VH | TN | 1.7 | 0.002032 | ± 2.5 | PASS |
| | HCH | VL | TN | 0.16 | 0.000189 | ± 2.5 | PASS |
| | | VN | TN | 2.58 | 0.003044 | ± 2.5 | PASS |
| | | VH | TN | 3.35 | 0.003953 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VN | -30 | 1.23 | 0.001490 | ± 2.5 | PASS |
| | | VN | -20 | -1.15 | -0.001393 | ± 2.5 | PASS |
| | | VN | -10 | 2.35 | 0.002847 | ± 2.5 | PASS |
| | | VN | 0 | 2.79 | 0.003380 | ± 2.5 | PASS |
| | | VN | 10 | -0.51 | -0.000618 | ± 2.5 | PASS |
| | | VN | 20 | 2.73 | 0.003307 | ± 2.5 | PASS |
| | | VN | 30 | 4.04 | 0.004894 | ± 2.5 | PASS |
| | | VN | 40 | 3.24 | 0.003925 | ± 2.5 | PASS |
| | | VN | 50 | -0.88 | -0.001066 | ± 2.5 | PASS |
| | MCH | VN | -30 | 0.98 | 0.001172 | ± 2.5 | PASS |
| | MCH | VN | -20 | 3.41 | 0.004077 | ± 2.5 | PASS |

| | | | | | | | |
|--|-----|----|-----|-------|-----------|-----------|------|
| | | VN | -10 | 4.71 | 0.005631 | ± 2.5 | PASS |
| | | VN | 0 | 3.66 | 0.004375 | ± 2.5 | PASS |
| | | VN | 10 | 3.71 | 0.004435 | ± 2.5 | PASS |
| | | VN | 20 | 3.33 | 0.003981 | ± 2.5 | PASS |
| | | VN | 30 | 2.95 | 0.003527 | ± 2.5 | PASS |
| | | VN | 40 | 0.82 | 0.000980 | ± 2.5 | PASS |
| | | VN | 50 | 3.61 | 0.004316 | ± 2.5 | PASS |
| | HCH | VN | -30 | -0.6 | -0.000708 | ± 2.5 | PASS |
| | | VN | -20 | 0.95 | 0.001121 | ± 2.5 | PASS |
| | | VN | -10 | 0.61 | 0.000720 | ± 2.5 | PASS |
| | | VN | 0 | 3.19 | 0.003764 | ± 2.5 | PASS |
| | | VN | 10 | 3.53 | 0.004165 | ± 2.5 | PASS |
| | | VN | 20 | 3.56 | 0.004201 | ± 2.5 | PASS |
| | | VN | 30 | 4.36 | 0.005145 | ± 2.5 | PASS |
| | | VN | 40 | 2.46 | 0.002903 | ± 2.5 | PASS |
| | | VN | 50 | 3.29 | 0.003882 | ± 2.5 | PASS |
| | LCH | VN | -30 | 3.88 | 0.004638 | ± 2.5 | PASS |
| | | VN | -20 | -1.14 | -0.001363 | ± 2.5 | PASS |
| | | VN | -10 | 2.5 | 0.002989 | ± 2.5 | PASS |
| | | VN | 0 | 4.75 | 0.005678 | ± 2.5 | PASS |
| | | VN | 10 | -1.11 | -0.001327 | ± 2.5 | PASS |
| | | VN | 20 | 0.88 | 0.001052 | ± 2.5 | PASS |
| | | VN | 30 | 3.57 | 0.004268 | ± 2.5 | PASS |
| | | VN | 40 | 3.06 | 0.003658 | ± 2.5 | PASS |
| | | VN | 50 | 1 | 0.001195 | ± 2.5 | PASS |
| | MCH | VN | -30 | 0.51 | 0.000602 | ± 2.5 | PASS |
| | | VN | -20 | -0.13 | -0.000153 | ± 2.5 | PASS |
| | | VN | -10 | 1.13 | 0.001333 | ± 2.5 | PASS |
| | | VN | 0 | 4.83 | 0.005699 | ± 2.5 | PASS |
| | | VN | 10 | 1.54 | 0.001817 | ± 2.5 | PASS |
| | | VN | 20 | 2.14 | 0.002525 | ± 2.5 | PASS |
| | | VN | 30 | -1.85 | -0.002183 | ± 2.5 | PASS |
| | | VN | 40 | -1.37 | -0.001617 | ± 2.5 | PASS |
| | | VN | 50 | 2.61 | 0.003080 | ± 2.5 | PASS |
| | HCH | VN | -30 | 2.07 | 0.002442 | ± 2.5 | PASS |
| | | VN | -20 | 1.05 | 0.001239 | ± 2.5 | PASS |
| | | VN | -10 | 4.76 | 0.005617 | ± 2.5 | PASS |
| | | VN | 0 | 2.24 | 0.002643 | ± 2.5 | PASS |
| | | VN | 10 | 3.61 | 0.004260 | ± 2.5 | PASS |
| | | VN | 20 | 2.38 | 0.002808 | ± 2.5 | PASS |
| | | VN | 30 | 0.05 | 0.000059 | ± 2.5 | PASS |

| | | | | | | | |
|--|--|----|----|------|----------|-----------|------|
| | | VN | 40 | 3.48 | 0.004106 | ± 2.5 | PASS |
| | | VN | 50 | 0.81 | 0.000956 | ± 2.5 | PASS |

Channel Bandwidth: 5 MHz

| Channel Bandwidth: 5 MHz | | | | | | | |
|--------------------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Voltage | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VL | TN | -1.4 | -0.001694 | ± 2.5 | PASS |
| | | VN | TN | 2.1 | 0.002541 | ± 2.5 | PASS |
| | | VH | TN | -0.9 | -0.001089 | ± 2.5 | PASS |
| | MCH | VL | TN | -1.53 | -0.001829 | ± 2.5 | PASS |
| | | VN | TN | 3 | 0.003586 | ± 2.5 | PASS |
| | | VH | TN | -1.12 | -0.001339 | ± 2.5 | PASS |
| | HCH | VL | TN | 0.93 | 0.001099 | ± 2.5 | PASS |
| | | VN | TN | -1.59 | -0.001878 | ± 2.5 | PASS |
| | | VH | TN | 3.15 | 0.003721 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | -0.57 | -0.000690 | ± 2.5 | PASS |
| | | VN | TN | 2.57 | 0.003109 | ± 2.5 | PASS |
| | | VH | TN | 2.9 | 0.003509 | ± 2.5 | PASS |
| | MCH | VL | TN | 1.74 | 0.002080 | ± 2.5 | PASS |
| | | VN | TN | 1.05 | 0.001255 | ± 2.5 | PASS |
| | | VH | TN | 1.51 | 0.001805 | ± 2.5 | PASS |
| | HCH | VL | TN | -0.89 | -0.001051 | ± 2.5 | PASS |
| | | VN | TN | 4.53 | 0.005351 | ± 2.5 | PASS |
| | | VH | TN | -0.9 | -0.001063 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VN | -30 | 1.56 | 0.001887 | ± 2.5 | PASS |
| | | VN | -20 | -0.1 | -0.000121 | ± 2.5 | PASS |
| | | VN | -10 | 3.94 | 0.004767 | ± 2.5 | PASS |
| | | VN | 0 | 3.97 | 0.004803 | ± 2.5 | PASS |
| | | VN | 10 | 0.52 | 0.000629 | ± 2.5 | PASS |
| | | VN | 20 | -1.55 | -0.001875 | ± 2.5 | PASS |
| | | VN | 30 | 2.9 | 0.003509 | ± 2.5 | PASS |
| | | VN | 40 | 4.82 | 0.005832 | ± 2.5 | PASS |
| | | VN | 50 | 4.63 | 0.005602 | ± 2.5 | PASS |
| | MCH | VN | -30 | 4.5 | 0.005380 | ± 2.5 | PASS |
| | | VN | -20 | -1.63 | -0.001949 | ± 2.5 | PASS |
| | | VN | -10 | -0.04 | -0.000048 | ± 2.5 | PASS |

| | | | | | | | |
|--|-----|----|-----|-------|-----------|-----------|------|
| | | VN | 0 | -0.42 | -0.000502 | ± 2.5 | PASS |
| | | VN | 10 | -0.76 | -0.000909 | ± 2.5 | PASS |
| | | VN | 20 | -1.43 | -0.001710 | ± 2.5 | PASS |
| | | VN | 30 | 2.49 | 0.002977 | ± 2.5 | PASS |
| | | VN | 40 | 0.21 | 0.000251 | ± 2.5 | PASS |
| | | VN | 50 | -0.35 | -0.000418 | ± 2.5 | PASS |
| | | VN | -30 | 0.15 | 0.000177 | ± 2.5 | PASS |
| | | VN | -20 | -1.89 | -0.002233 | ± 2.5 | PASS |
| | | VN | -10 | -1.28 | -0.001512 | ± 2.5 | PASS |
| | | VN | 0 | 2.45 | 0.002894 | ± 2.5 | PASS |
| | | VN | 10 | 2.69 | 0.003178 | ± 2.5 | PASS |
| | | VN | 20 | -1.88 | -0.002221 | ± 2.5 | PASS |
| | | VN | 30 | -1.34 | -0.001583 | ± 2.5 | PASS |
| | | VN | 40 | 0.79 | 0.000933 | ± 2.5 | PASS |
| | | VN | 50 | 4.88 | 0.005765 | ± 2.5 | PASS |
| | HCH | VN | -30 | 0.23 | 0.000275 | ± 2.5 | PASS |
| | | VN | -20 | -0.74 | -0.000885 | ± 2.5 | PASS |
| | | VN | -10 | 2.8 | 0.003347 | ± 2.5 | PASS |
| | | VN | 0 | -0.56 | -0.000669 | ± 2.5 | PASS |
| | | VN | 10 | 4.21 | 0.005033 | ± 2.5 | PASS |
| | | VN | 20 | 2.28 | 0.002726 | ± 2.5 | PASS |
| | | VN | 30 | 3.1 | 0.003706 | ± 2.5 | PASS |
| | | VN | 40 | 4.23 | 0.005057 | ± 2.5 | PASS |
| | LCH | VN | 50 | 3.37 | 0.004029 | ± 2.5 | PASS |
| | | VN | -30 | 3.85 | 0.004548 | ± 2.5 | PASS |
| | | VN | -20 | -1.13 | -0.001335 | ± 2.5 | PASS |
| | | VN | -10 | 4.75 | 0.005611 | ± 2.5 | PASS |
| | | VN | 0 | 1.44 | 0.001701 | ± 2.5 | PASS |
| | | VN | 10 | 2.79 | 0.003296 | ± 2.5 | PASS |
| | | VN | 20 | -0.13 | -0.000154 | ± 2.5 | PASS |
| | | VN | 30 | 0.14 | 0.000165 | ± 2.5 | PASS |
| | MCH | VN | 40 | 0.97 | 0.001146 | ± 2.5 | PASS |
| | | VN | 50 | -1.36 | -0.001607 | ± 2.5 | PASS |
| | | VN | -30 | -1.5 | -0.001772 | ± 2.5 | PASS |
| | | VN | -20 | 2.9 | 0.003426 | ± 2.5 | PASS |
| | | VN | -10 | 3.5 | 0.004135 | ± 2.5 | PASS |
| | | VN | 0 | -0.34 | -0.000402 | ± 2.5 | PASS |
| | | VN | 10 | -0.04 | -0.000047 | ± 2.5 | PASS |
| | | VN | 20 | 2.33 | 0.002753 | ± 2.5 | PASS |
| | HCH | VN | 30 | 4.35 | 0.005139 | ± 2.5 | PASS |
| | | VN | 40 | 4.85 | 0.005729 | ± 2.5 | PASS |

| | | | | | | | |
|--|--|----|----|-------|-----------|-----------|------|
| | | VN | 50 | -0.51 | -0.000602 | ± 2.5 | PASS |
|--|--|----|----|-------|-----------|-----------|------|

Channel Bandwidth: 10 MHz

| Channel Bandwidth: 10 MHz | | | | | | | |
|---------------------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Voltage | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VL | TN | -1.41 | -0.001701 | ± 2.5 | PASS |
| | | VN | TN | 1.99 | 0.002400 | ± 2.5 | PASS |
| | | VH | TN | 2.72 | 0.003281 | ± 2.5 | PASS |
| | MCH | VL | TN | -0.8 | -0.000956 | ± 2.5 | PASS |
| | | VN | TN | -0.85 | -0.001016 | ± 2.5 | PASS |
| | | VH | TN | -1.03 | -0.001231 | ± 2.5 | PASS |
| | HCH | VL | TN | 1.48 | 0.001754 | ± 2.5 | PASS |
| | | VN | TN | 3.62 | 0.004289 | ± 2.5 | PASS |
| | | VH | TN | -0.2 | -0.000237 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | 4.36 | 0.005259 | ± 2.5 | PASS |
| | | VN | TN | 3.54 | 0.004270 | ± 2.5 | PASS |
| | | VH | TN | 0.56 | 0.000676 | ± 2.5 | PASS |
| | MCH | VL | TN | 2.76 | 0.003299 | ± 2.5 | PASS |
| | | VN | TN | 4.58 | 0.005475 | ± 2.5 | PASS |
| | | VH | TN | 1.99 | 0.002379 | ± 2.5 | PASS |
| | HCH | VL | TN | 3.1 | 0.003673 | ± 2.5 | PASS |
| | | VN | TN | -0.22 | -0.000261 | ± 2.5 | PASS |
| | | VH | TN | -0.15 | -0.000178 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 16QAM | LCH | VN | -30 | 3.1 | 0.003739 | ± 2.5 | PASS |
| | | VN | -20 | 4.76 | 0.005742 | ± 2.5 | PASS |
| | | VN | -10 | 2.27 | 0.002738 | ± 2.5 | PASS |
| | | VN | 0 | 4.02 | 0.004849 | ± 2.5 | PASS |
| | | VN | 10 | 3.5 | 0.004222 | ± 2.5 | PASS |
| | | VN | 20 | 3.79 | 0.004572 | ± 2.5 | PASS |
| | | VN | 30 | 1.47 | 0.001773 | ± 2.5 | PASS |
| | | VN | 40 | 2.33 | 0.002811 | ± 2.5 | PASS |
| | | VN | 50 | 2.29 | 0.002762 | ± 2.5 | PASS |
| | MCH | VN | -30 | 3.75 | 0.004483 | ± 2.5 | PASS |
| | | VN | -20 | -1.22 | -0.001458 | ± 2.5 | PASS |
| | | VN | -10 | 0.08 | 0.000096 | ± 2.5 | PASS |
| | | VN | 0 | 3.15 | 0.003766 | ± 2.5 | PASS |

| | | | | | | | |
|--|------|----|-----|-------|-----------|-----------|------|
| | HCH | VN | 10 | 3.91 | 0.004674 | ± 2.5 | PASS |
| | | VN | 20 | 2.69 | 0.003216 | ± 2.5 | PASS |
| | | VN | 30 | -0.63 | -0.000753 | ± 2.5 | PASS |
| | | VN | 40 | 0 | 0.000000 | ± 2.5 | PASS |
| | | VN | 50 | 2.41 | 0.002881 | ± 2.5 | PASS |
| | | VN | -30 | 3.03 | 0.003590 | ± 2.5 | PASS |
| | | VN | -20 | 0.37 | 0.000438 | ± 2.5 | PASS |
| | | VN | -10 | -1.26 | -0.001493 | ± 2.5 | PASS |
| | | VN | 0 | 2.7 | 0.003199 | ± 2.5 | PASS |
| | | VN | 10 | 4.99 | 0.005912 | ± 2.5 | PASS |
| | LCH | VN | 20 | -1.89 | -0.002239 | ± 2.5 | PASS |
| | | VN | 30 | 2.39 | 0.002832 | ± 2.5 | PASS |
| | | VN | 40 | 2.63 | 0.003116 | ± 2.5 | PASS |
| | | VN | 50 | 3.27 | 0.003874 | ± 2.5 | PASS |
| | | VN | -30 | 0.61 | 0.000729 | ± 2.5 | PASS |
| | | VN | -20 | -0.72 | -0.000861 | ± 2.5 | PASS |
| | | VN | -10 | 2.95 | 0.003527 | ± 2.5 | PASS |
| | | VN | 0 | -1.11 | -0.001327 | ± 2.5 | PASS |
| | | VN | 10 | 0.57 | 0.000681 | ± 2.5 | PASS |
| | | VN | 20 | 3.03 | 0.003622 | ± 2.5 | PASS |
| | QPSK | VN | 30 | 4.71 | 0.005631 | ± 2.5 | PASS |
| | | VN | 40 | 3.21 | 0.003837 | ± 2.5 | PASS |
| | | VN | 50 | 0.27 | 0.000323 | ± 2.5 | PASS |
| | | VN | -30 | 1.96 | 0.002322 | ± 2.5 | PASS |
| | | VN | -20 | 1.34 | 0.001588 | ± 2.5 | PASS |
| | | VN | -10 | 3.71 | 0.004396 | ± 2.5 | PASS |
| | | VN | 0 | -0.42 | -0.000498 | ± 2.5 | PASS |
| | | VN | 10 | -0.5 | -0.000592 | ± 2.5 | PASS |
| | | VN | 20 | 2.4 | 0.002844 | ± 2.5 | PASS |
| | | VN | 30 | -0.56 | -0.000664 | ± 2.5 | PASS |
| | MCH | VN | 40 | 4.91 | 0.005818 | ± 2.5 | PASS |
| | | VN | 50 | -1.95 | -0.002310 | ± 2.5 | PASS |
| | | VN | -30 | 0.07 | 0.000083 | ± 2.5 | PASS |
| | | VN | -20 | -0.34 | -0.000403 | ± 2.5 | PASS |
| | | VN | -10 | 0.41 | 0.000486 | ± 2.5 | PASS |
| | | VN | 0 | 3.51 | 0.004159 | ± 2.5 | PASS |
| | | VN | 10 | -0.57 | -0.000675 | ± 2.5 | PASS |
| | | VN | 20 | 3.21 | 0.003803 | ± 2.5 | PASS |
| | | VN | 30 | 1.2 | 0.001422 | ± 2.5 | PASS |
| | | VN | 40 | 3.63 | 0.004301 | ± 2.5 | PASS |
| | HCH | VN | 50 | 1.17 | 0.001386 | ± 2.5 | PASS |