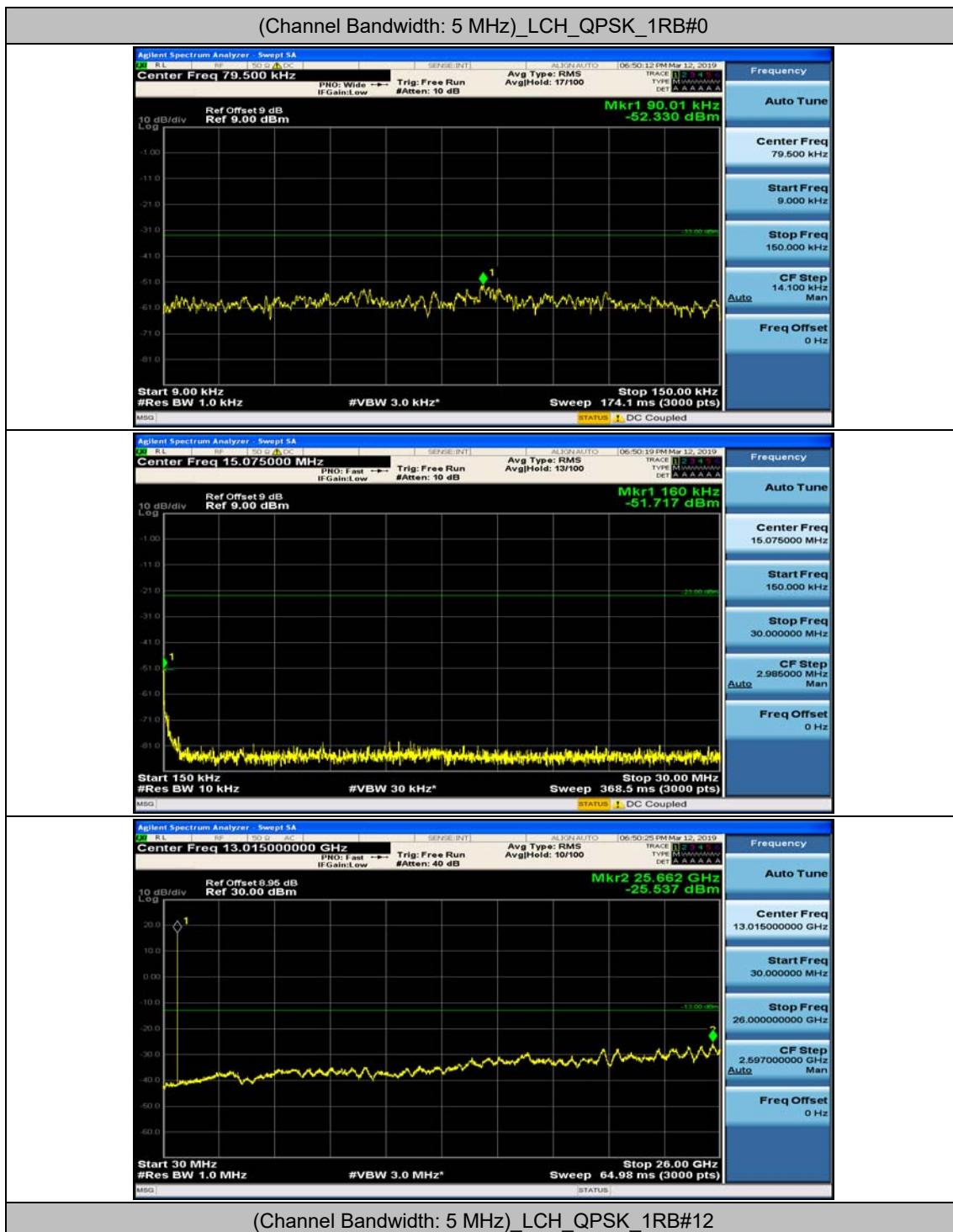
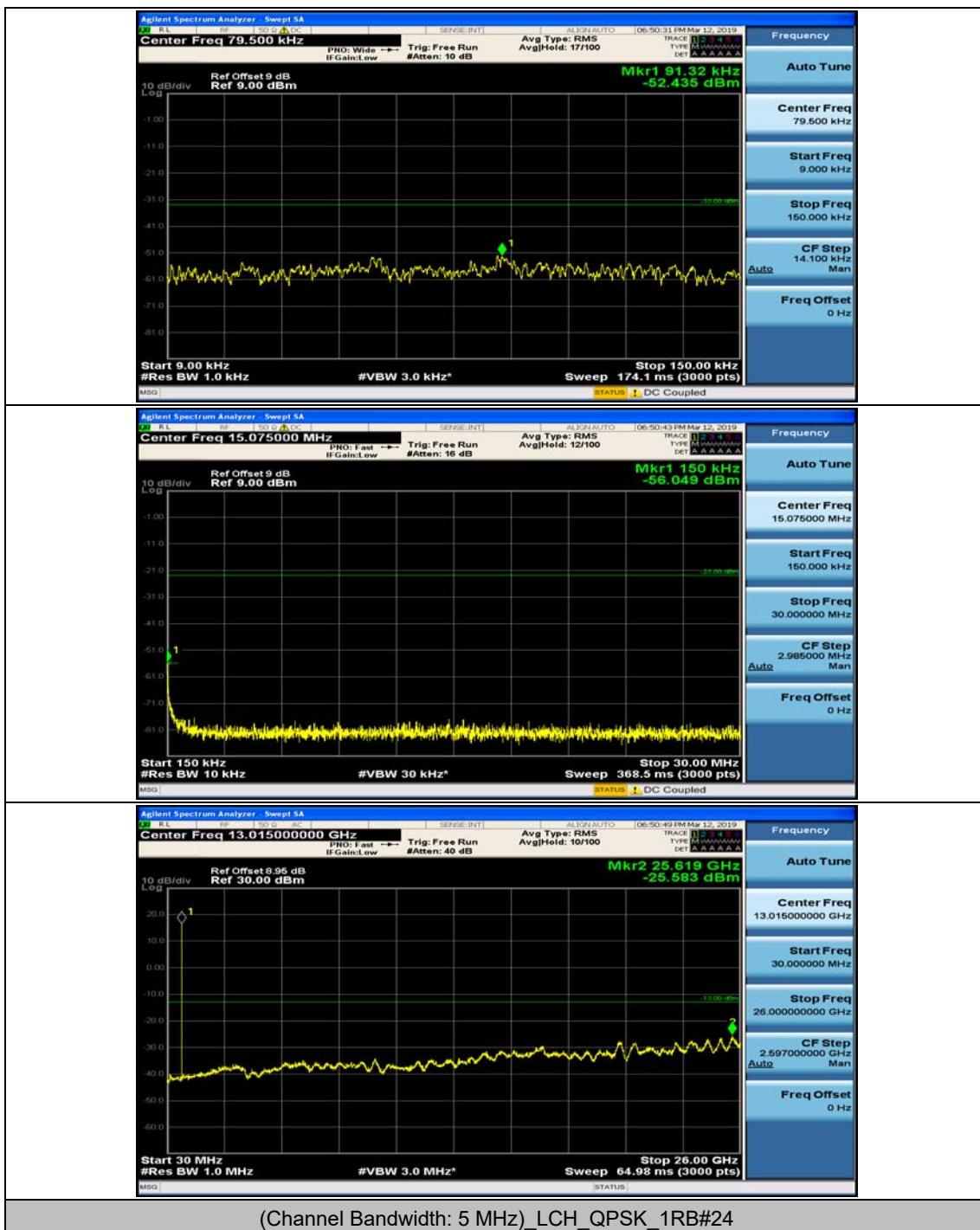
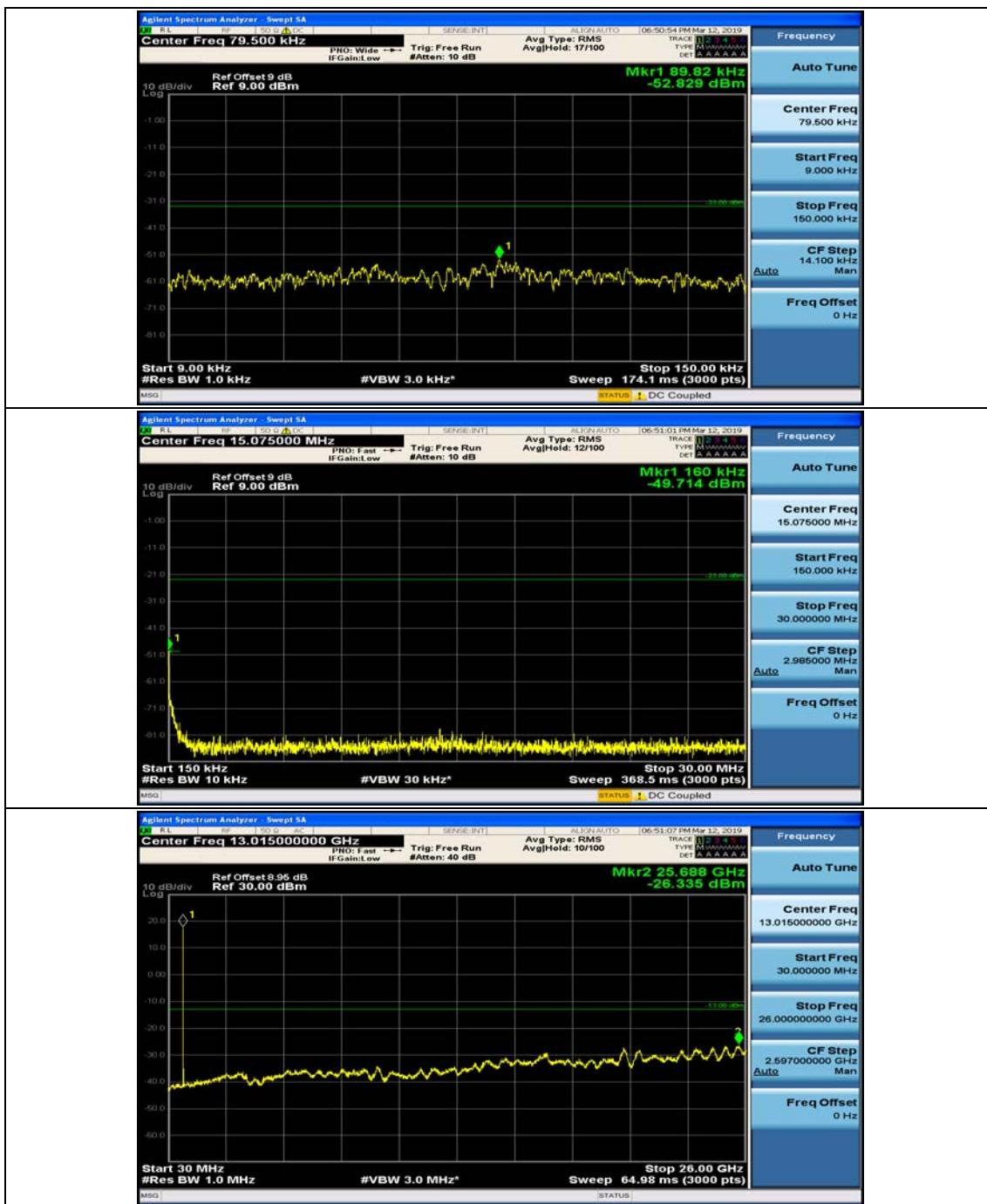
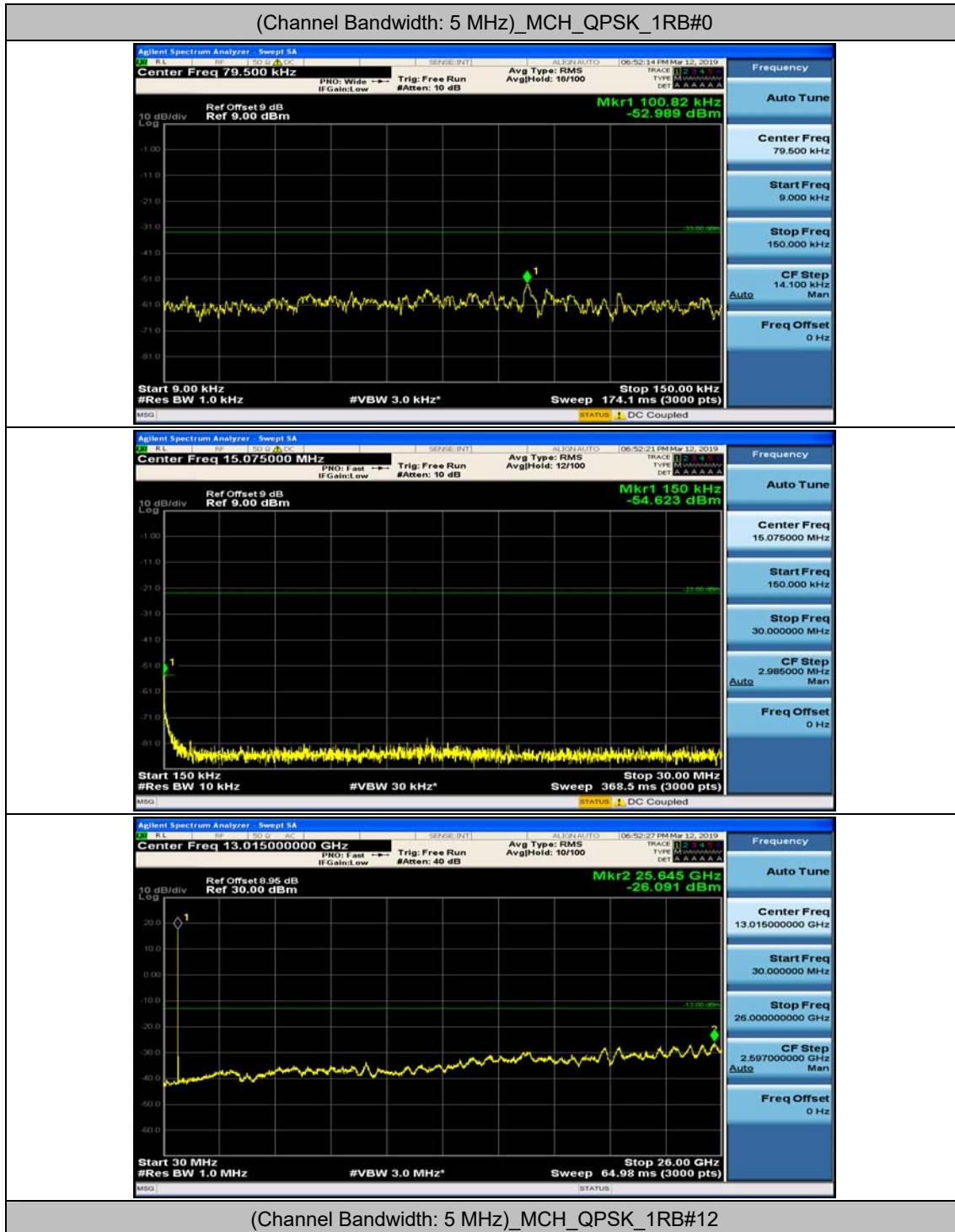


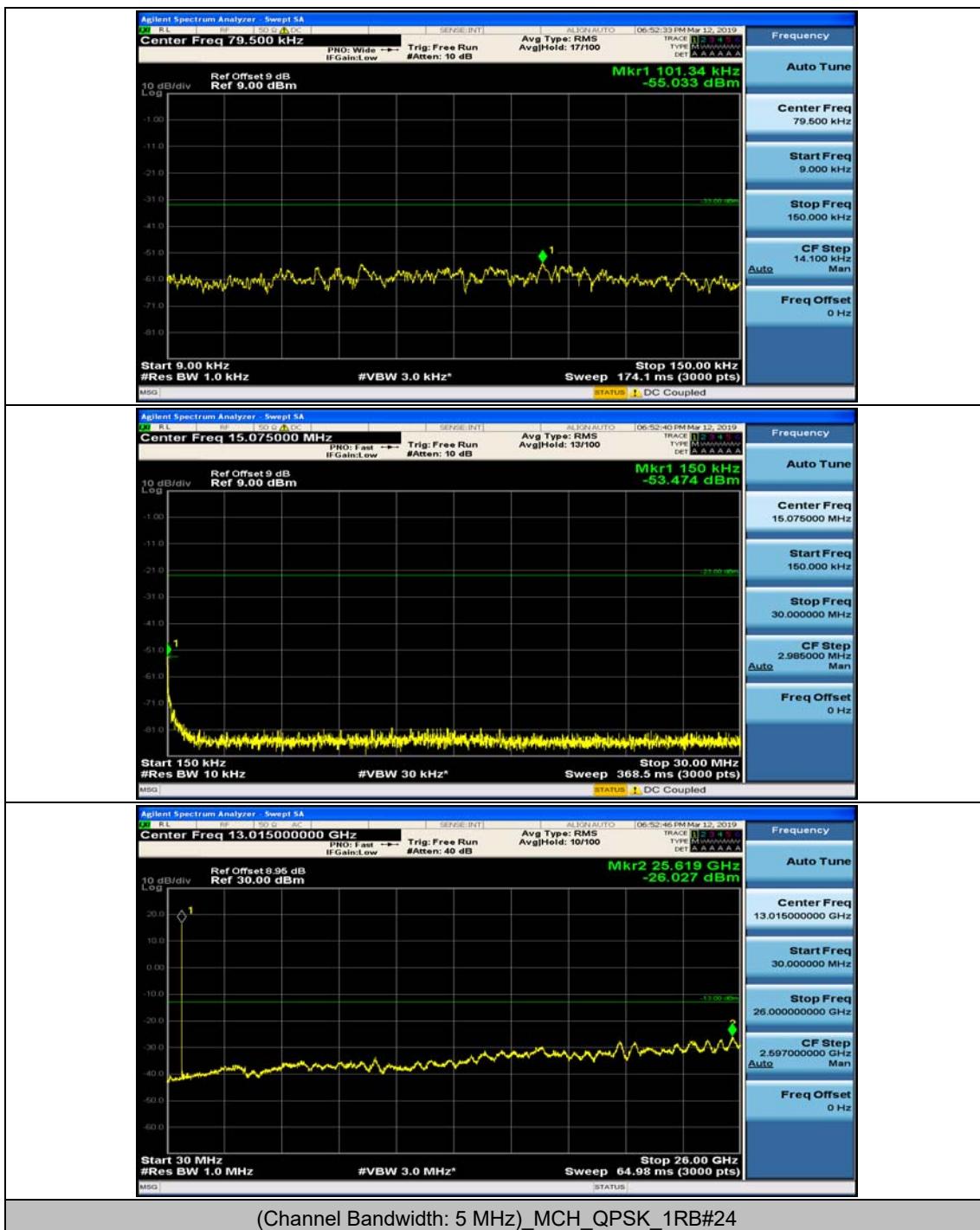
Channel Bandwidth: 5 MHz

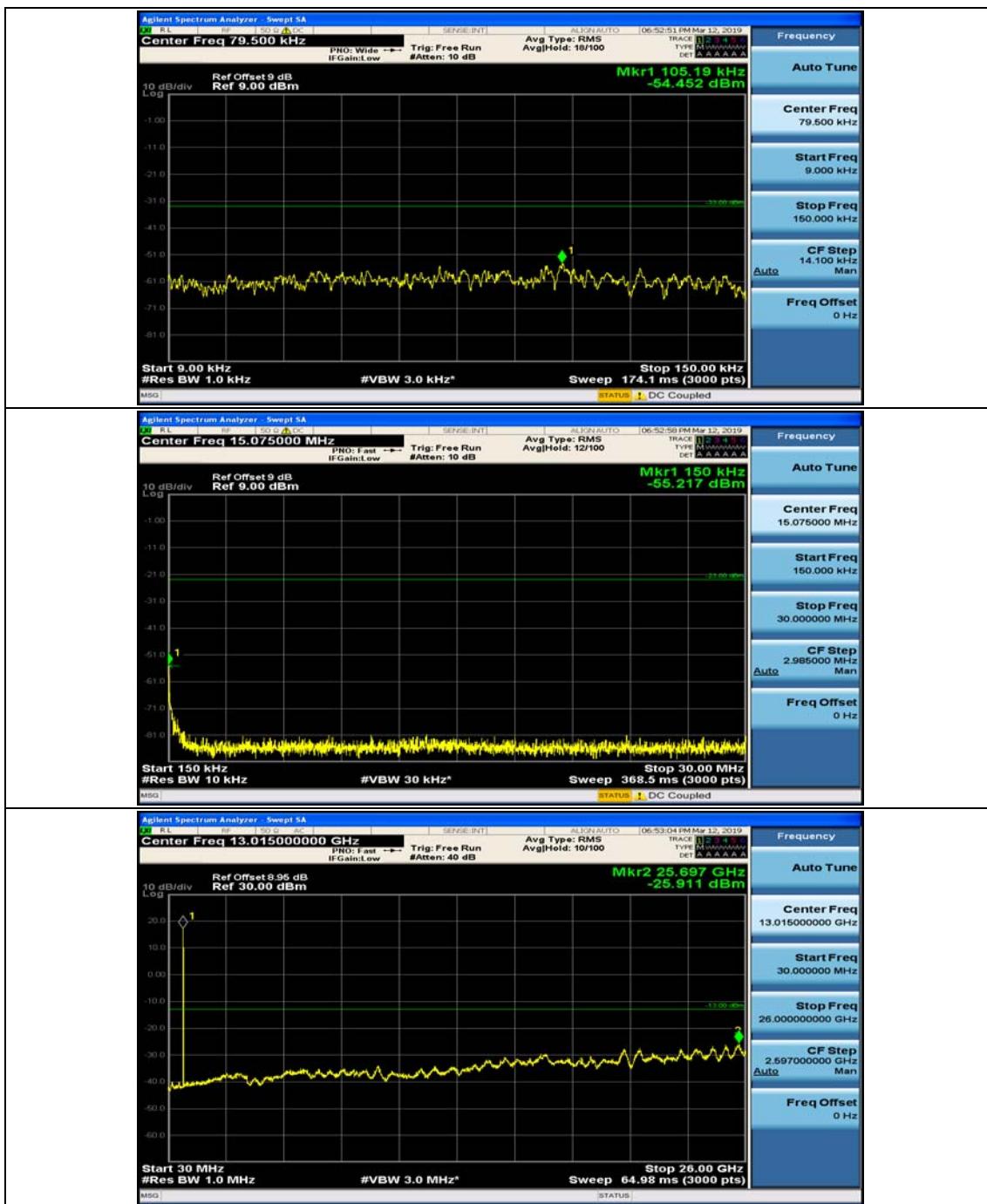


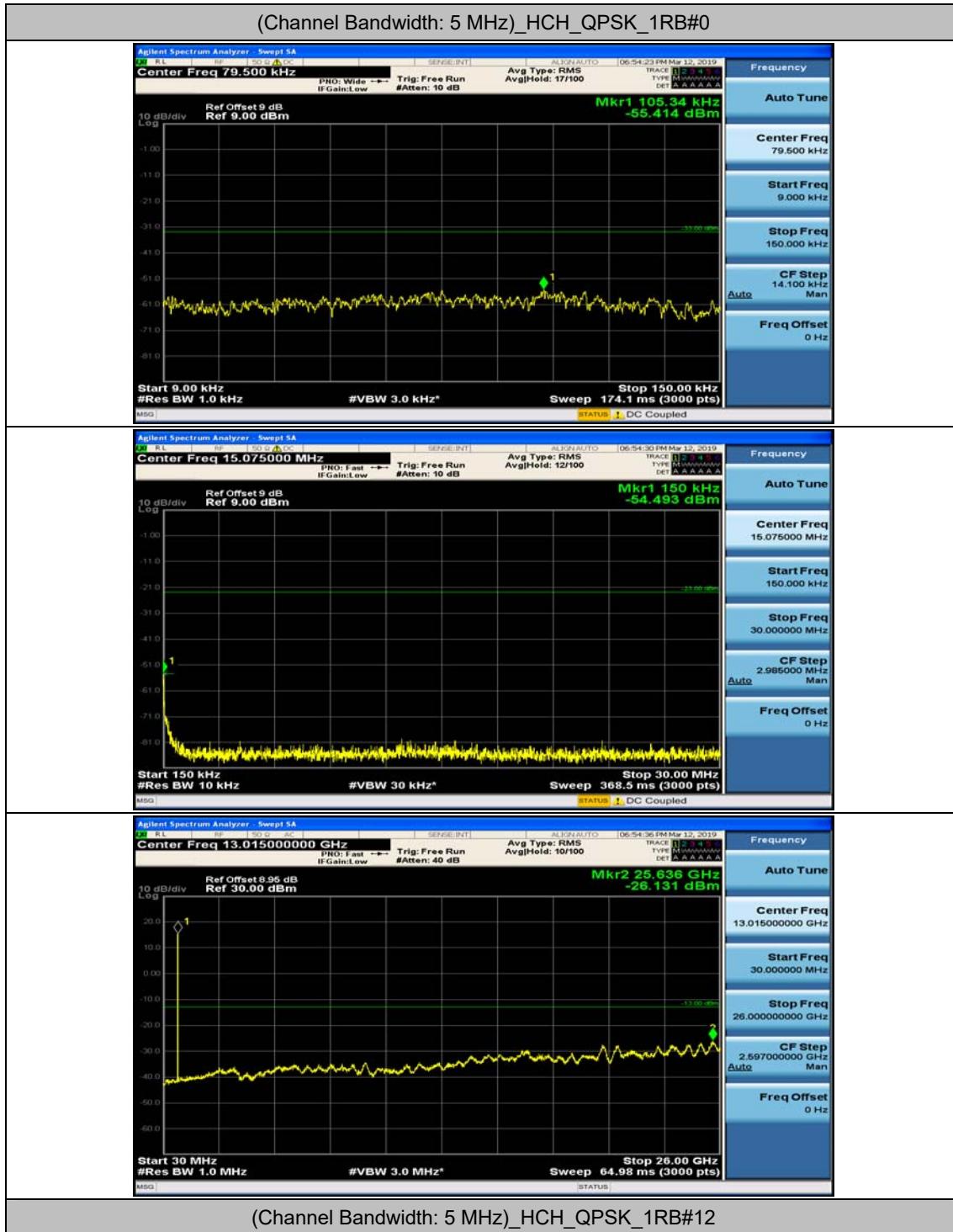


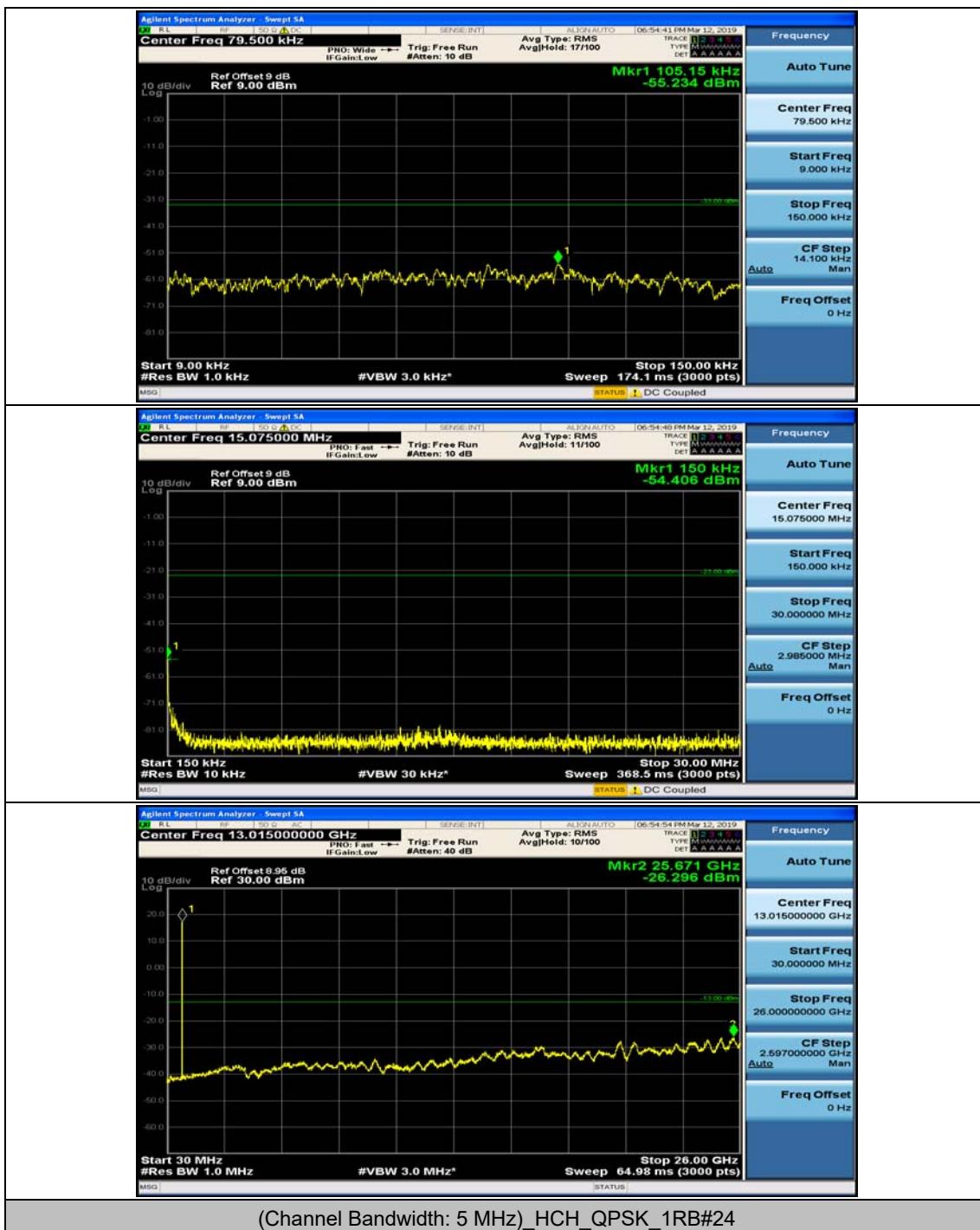


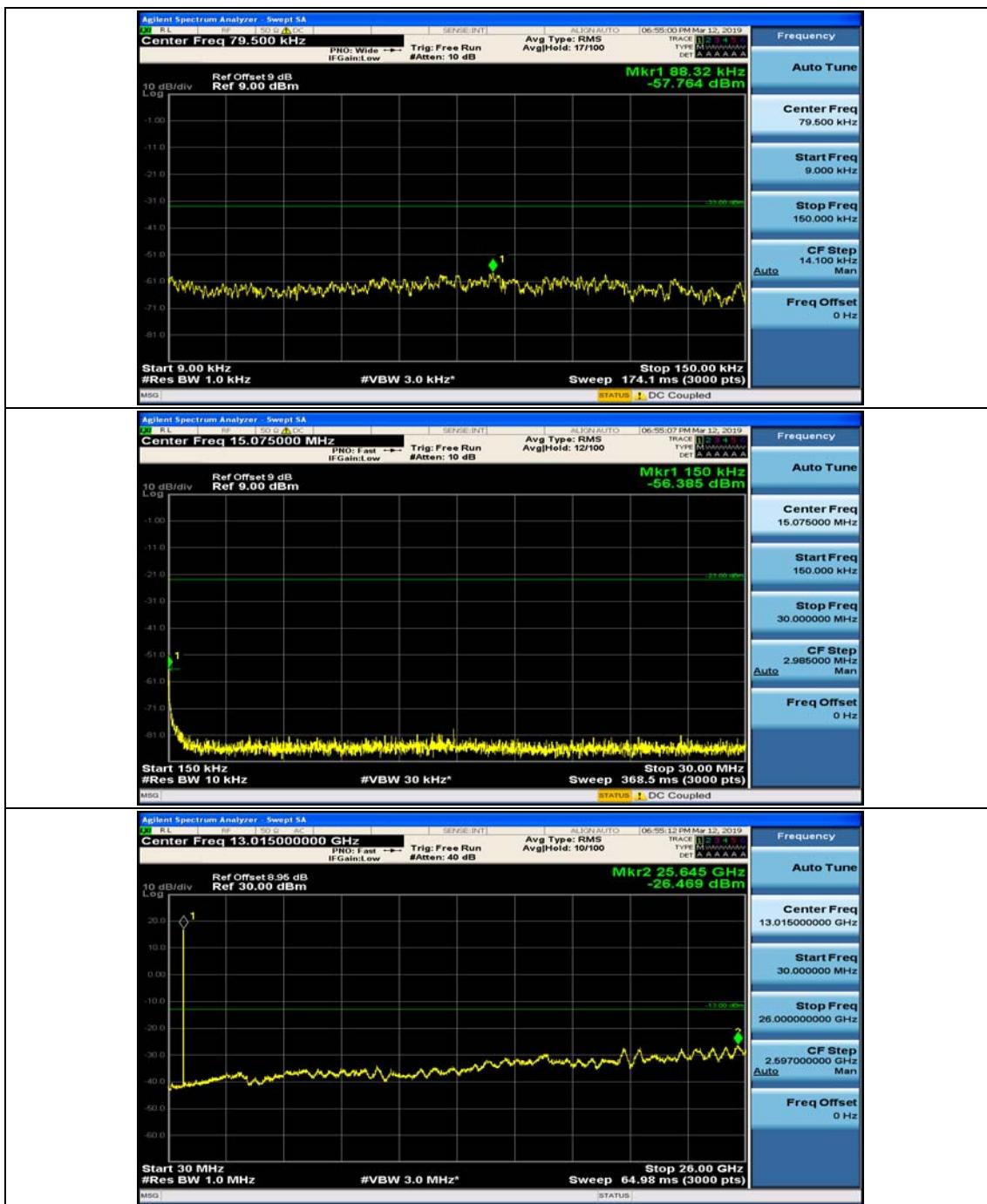


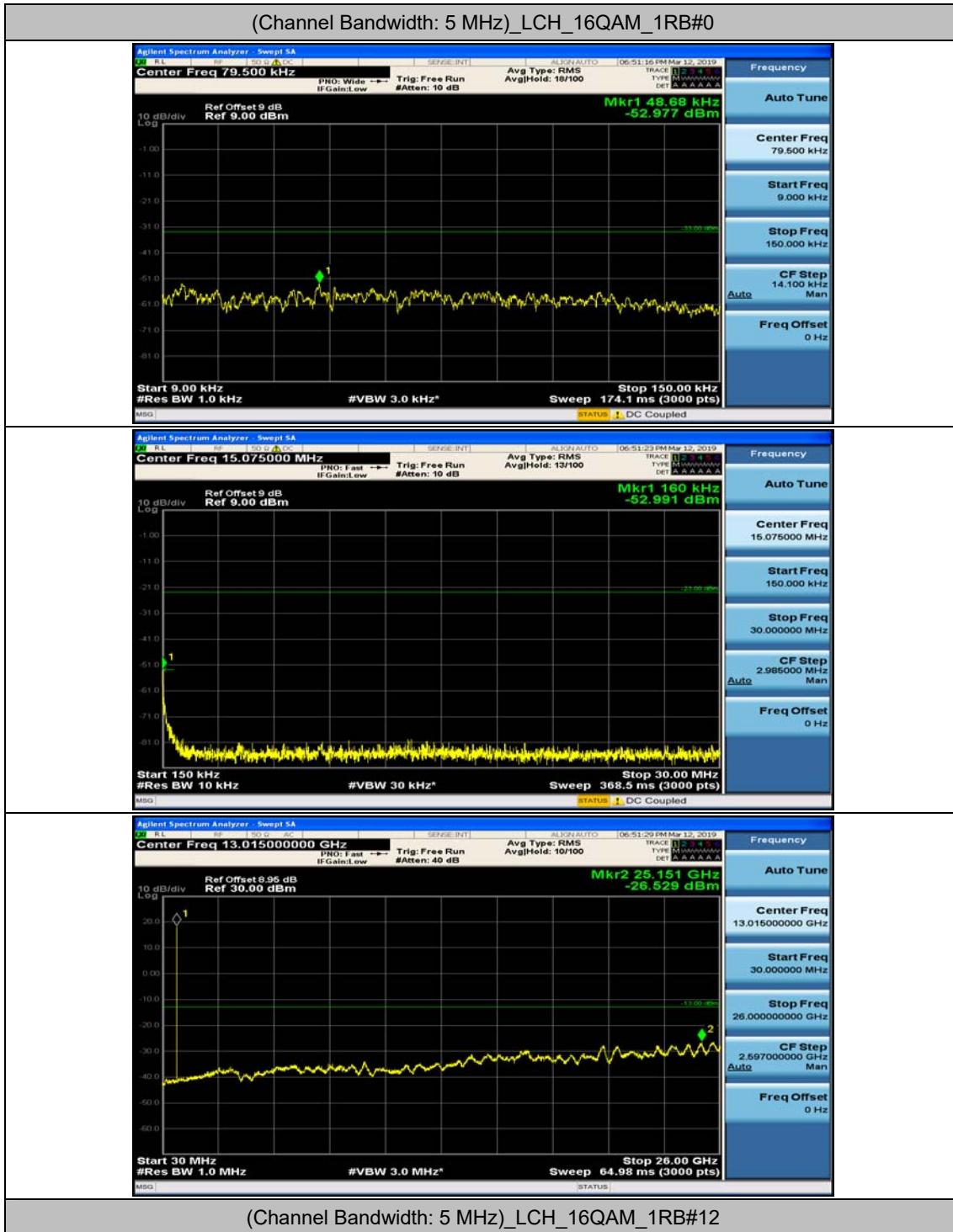


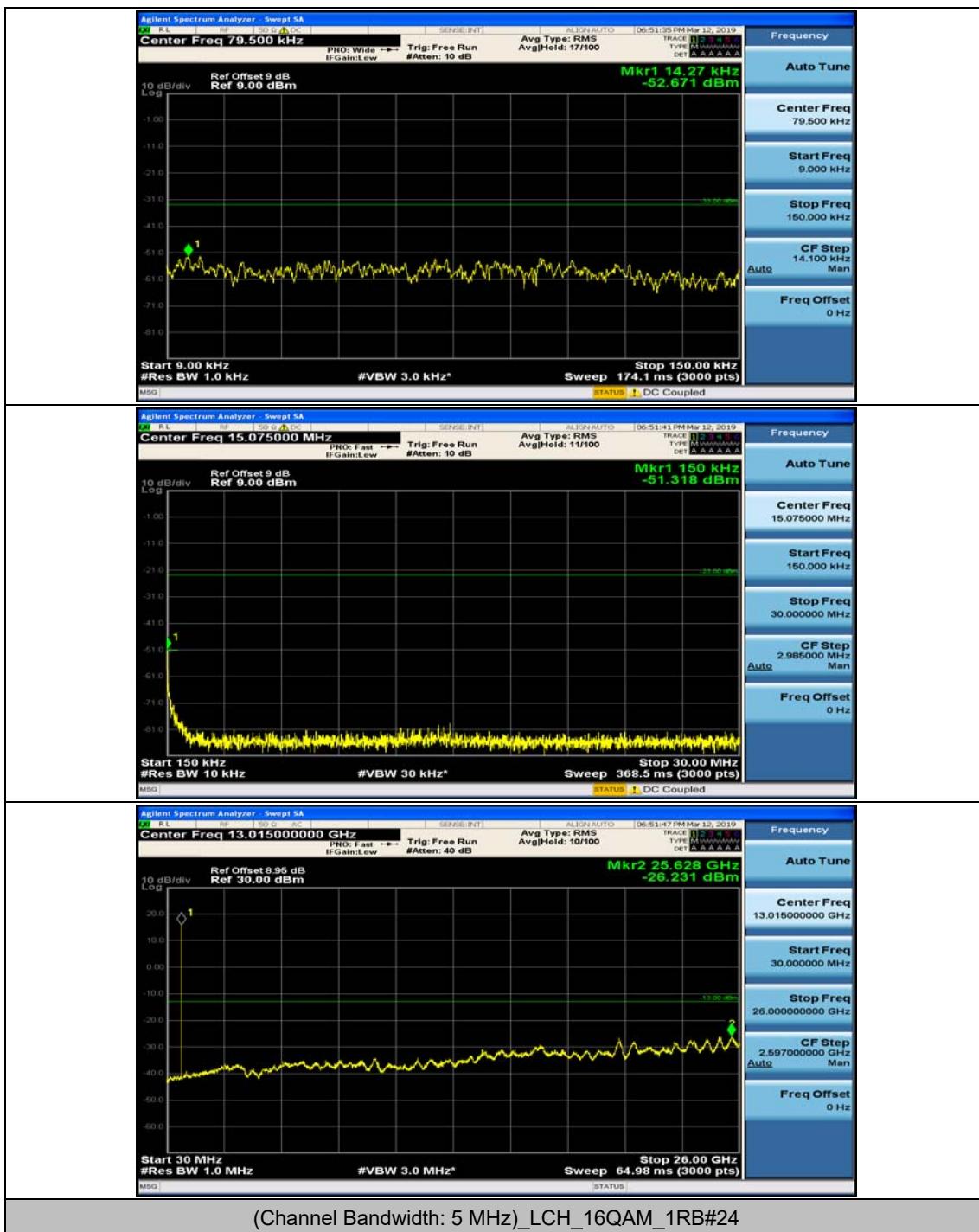


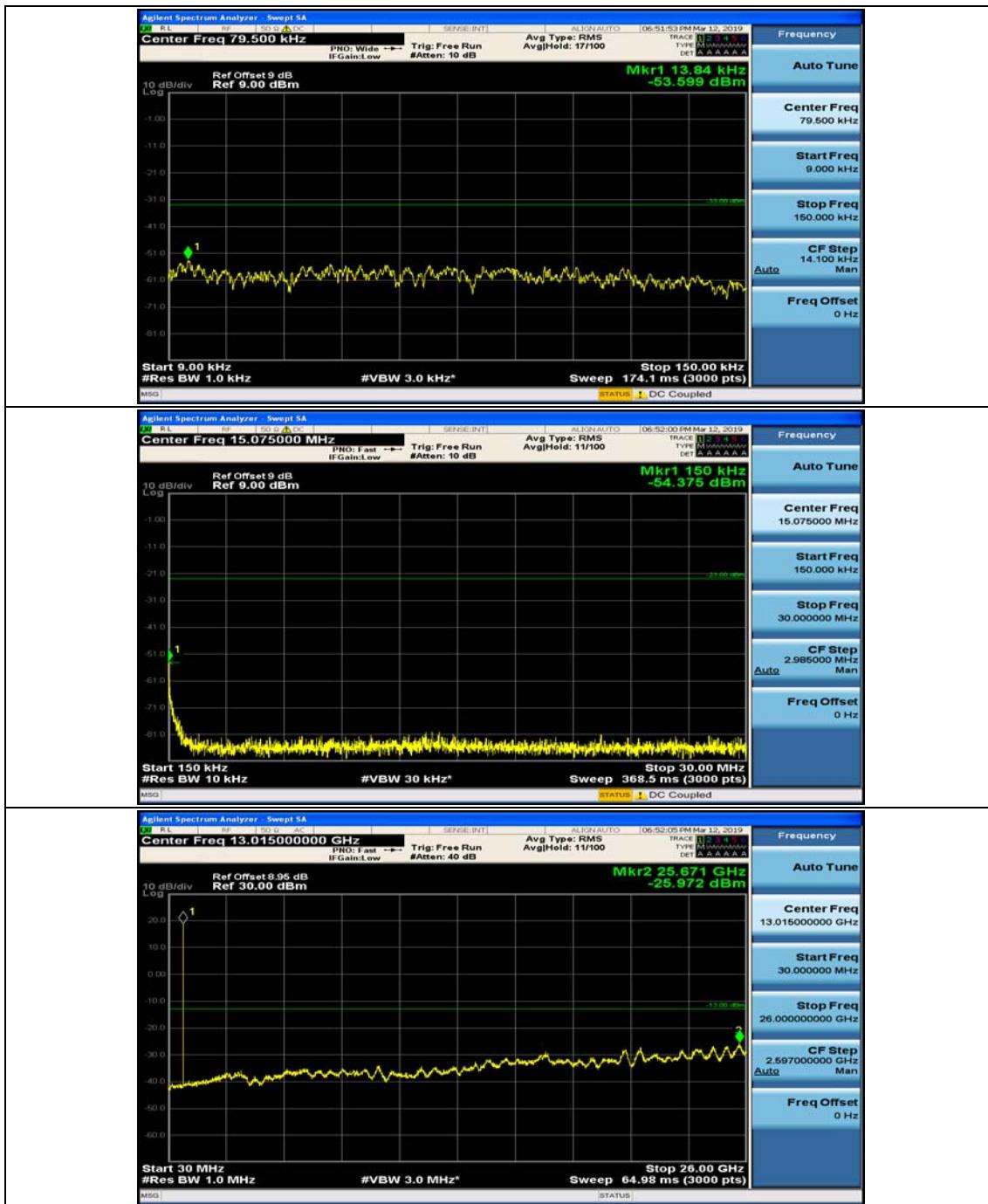


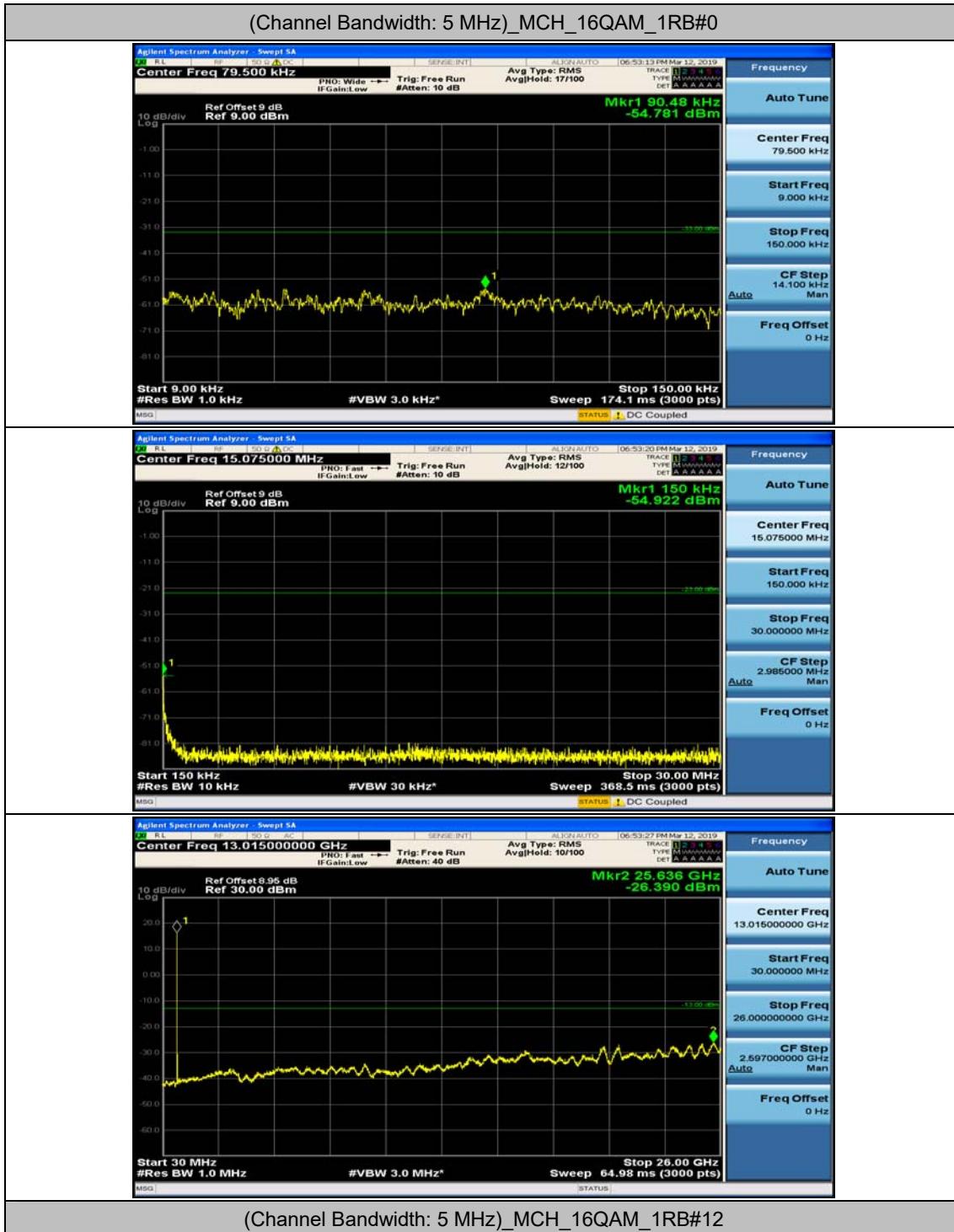


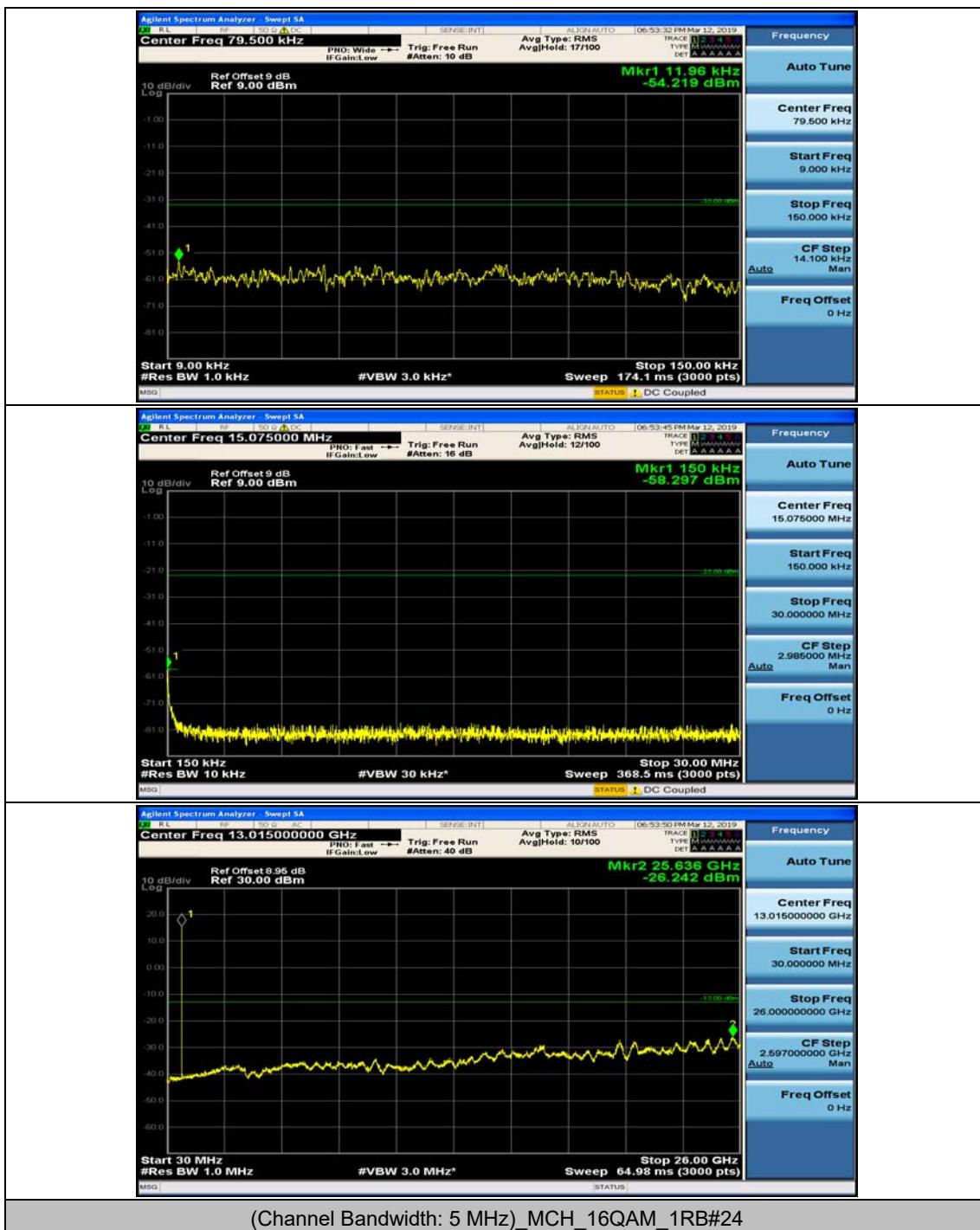


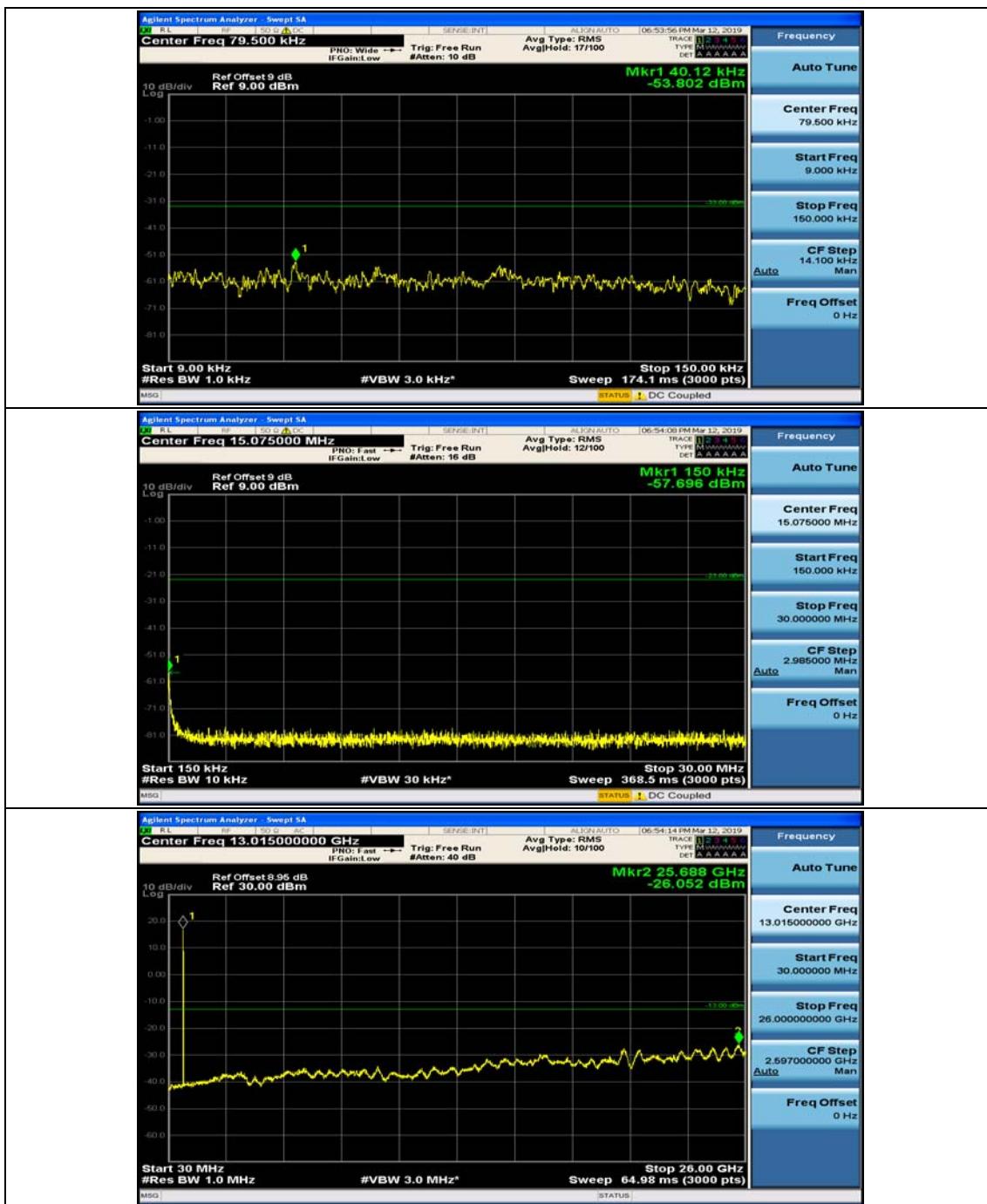


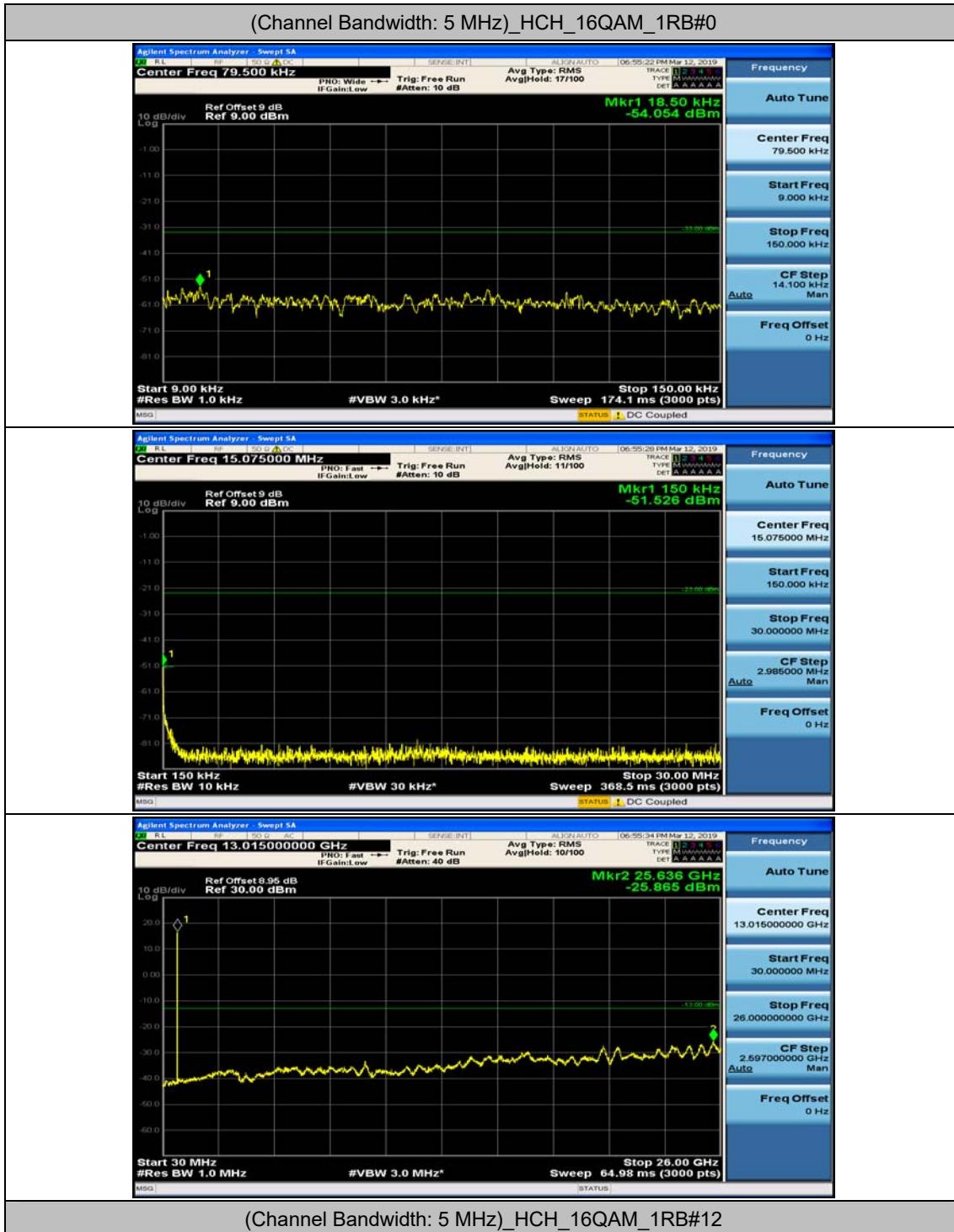


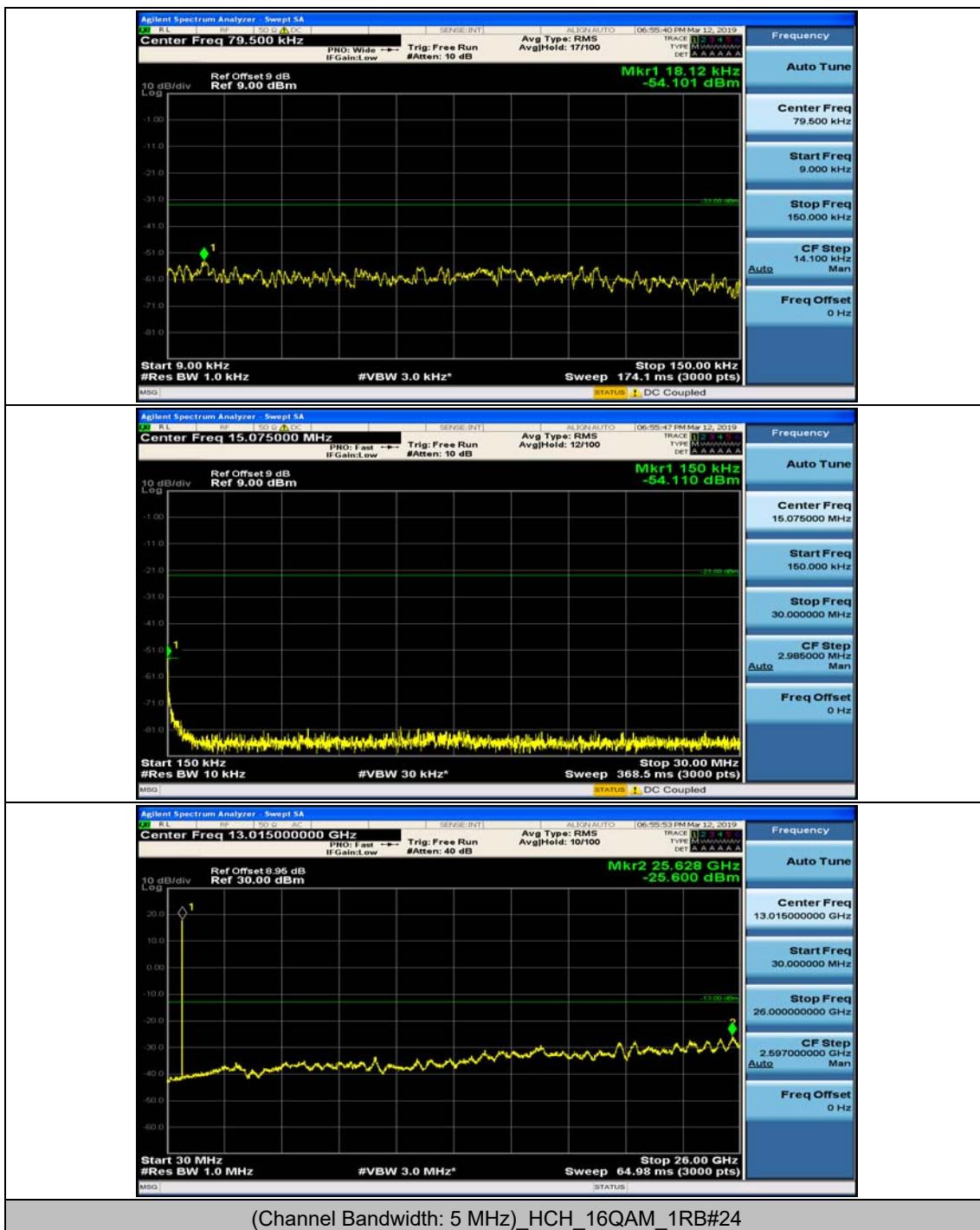


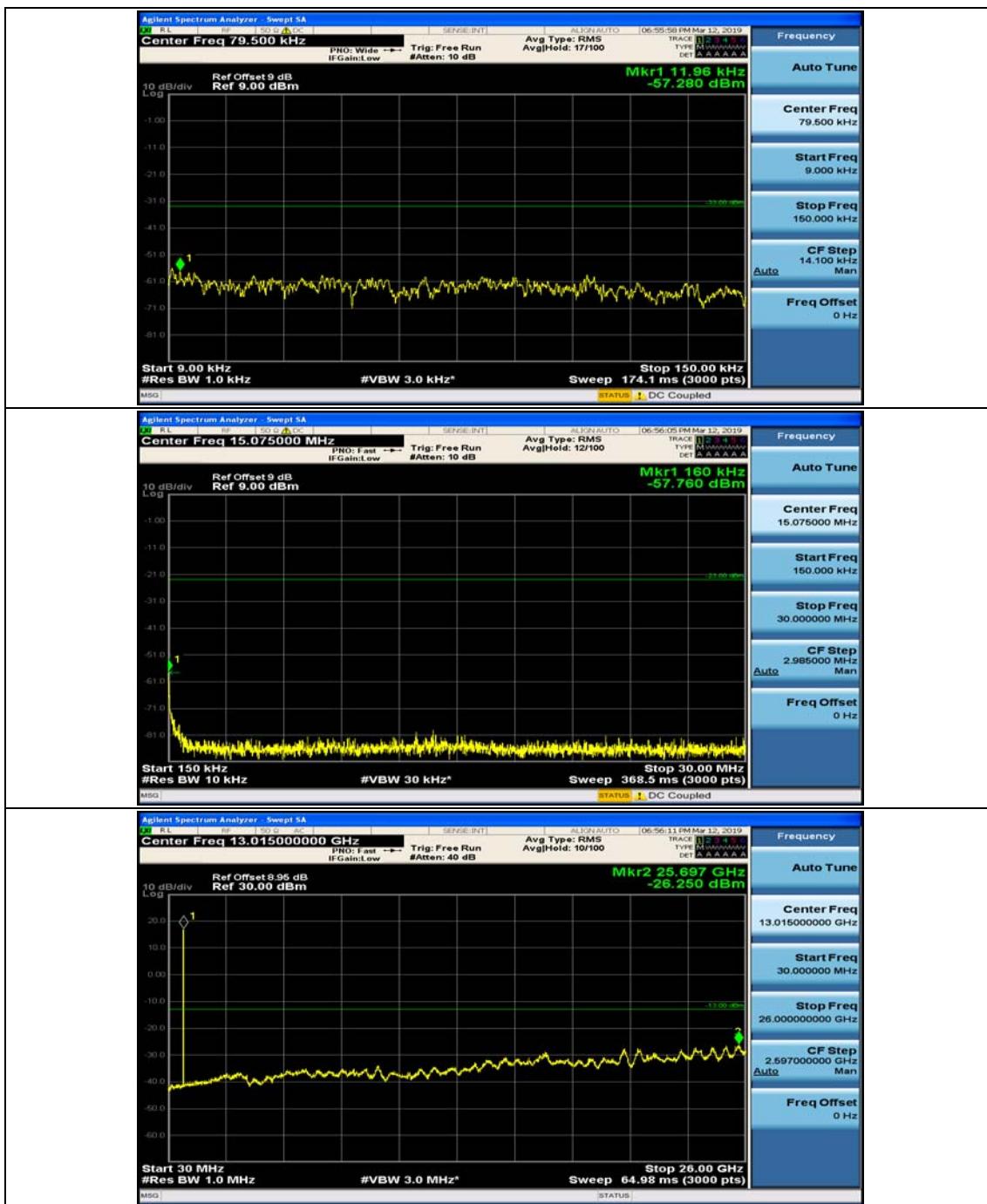




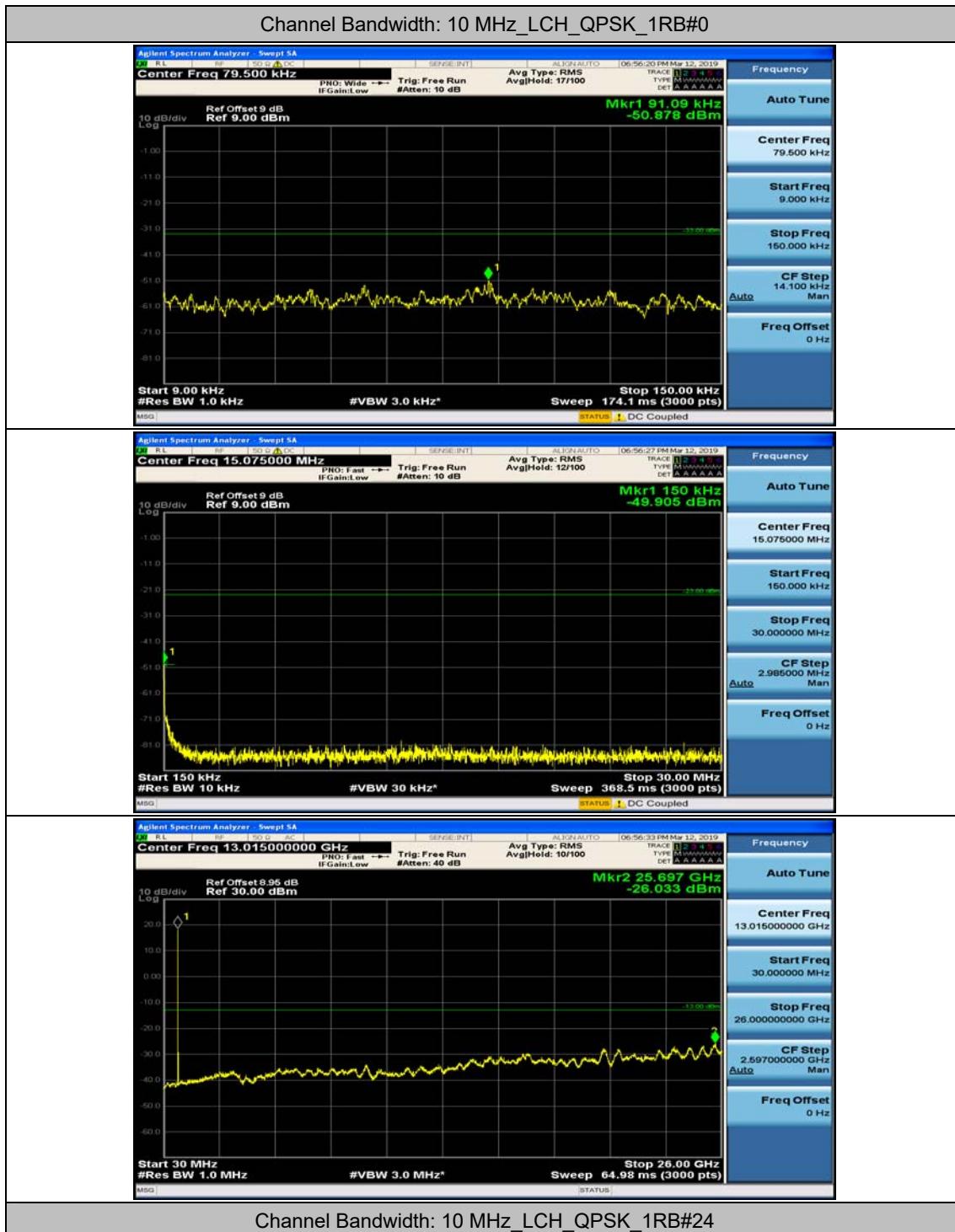


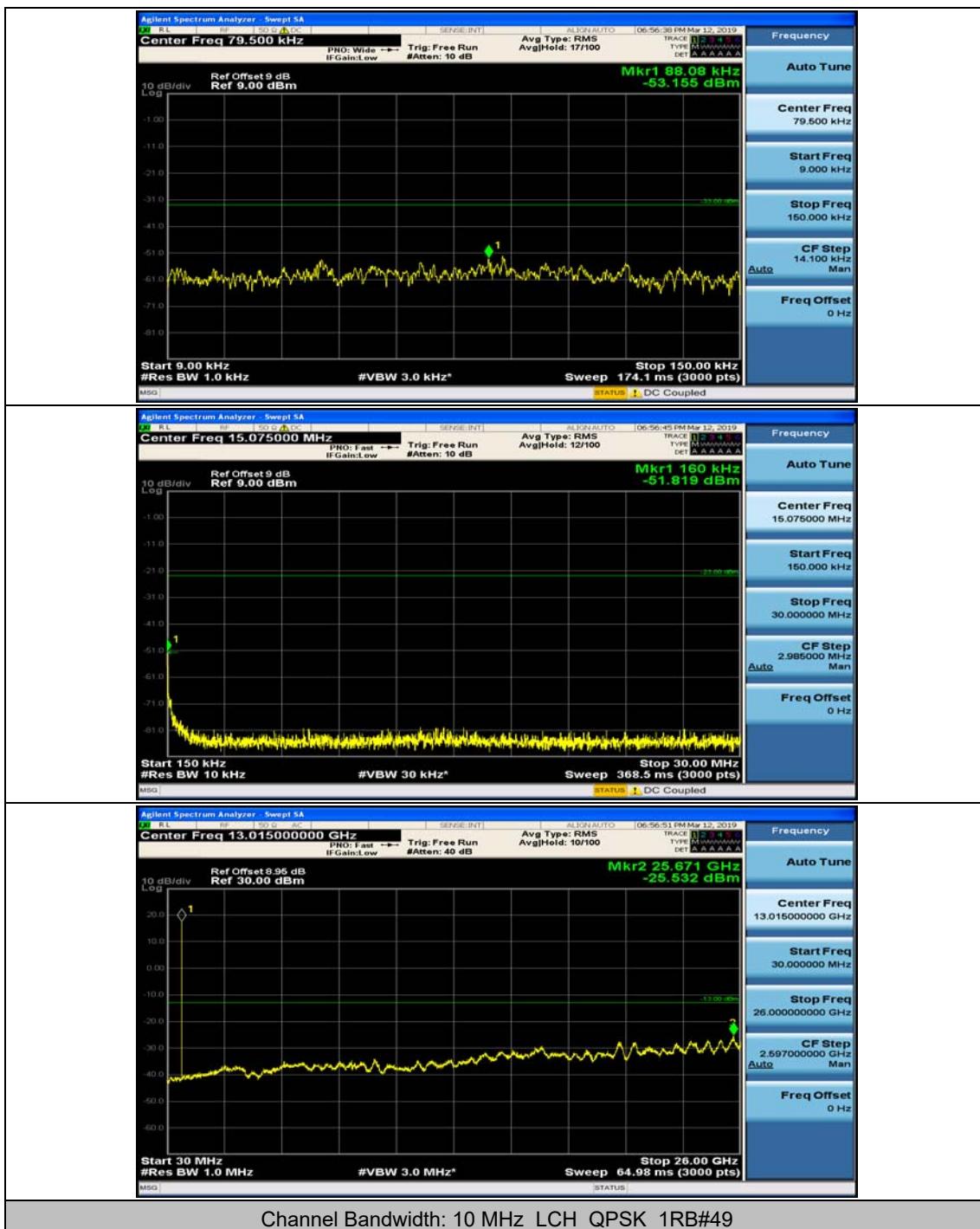


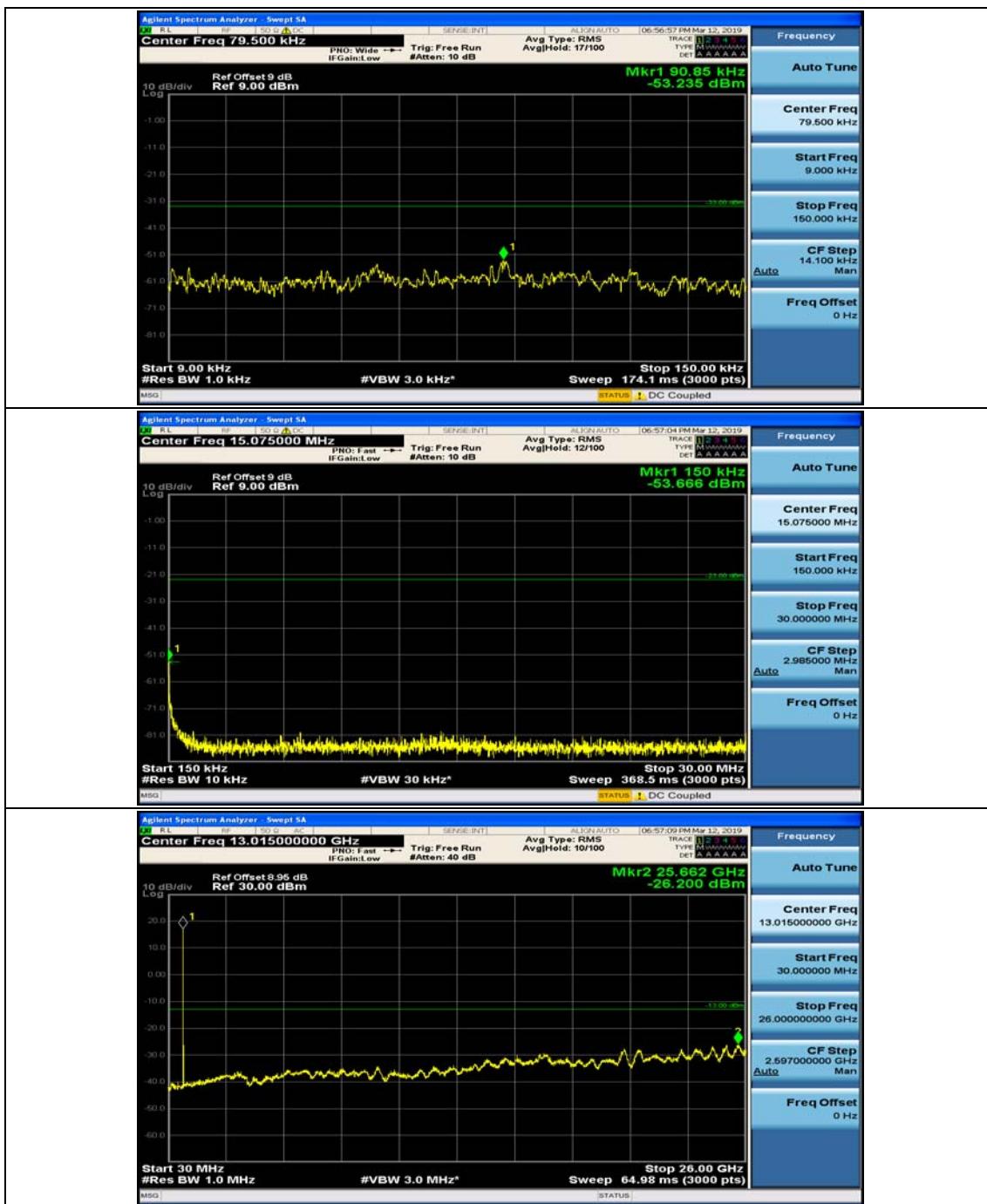


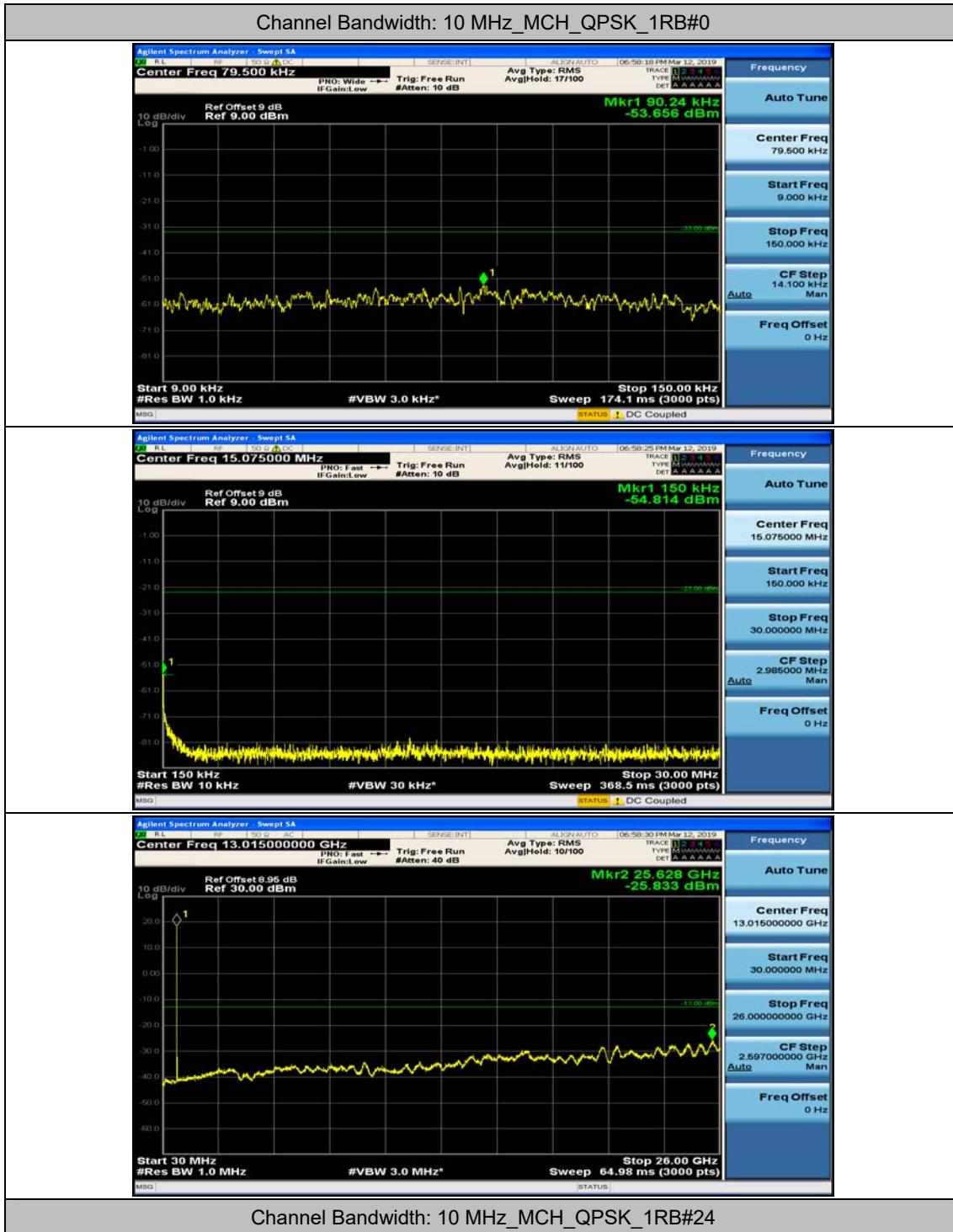


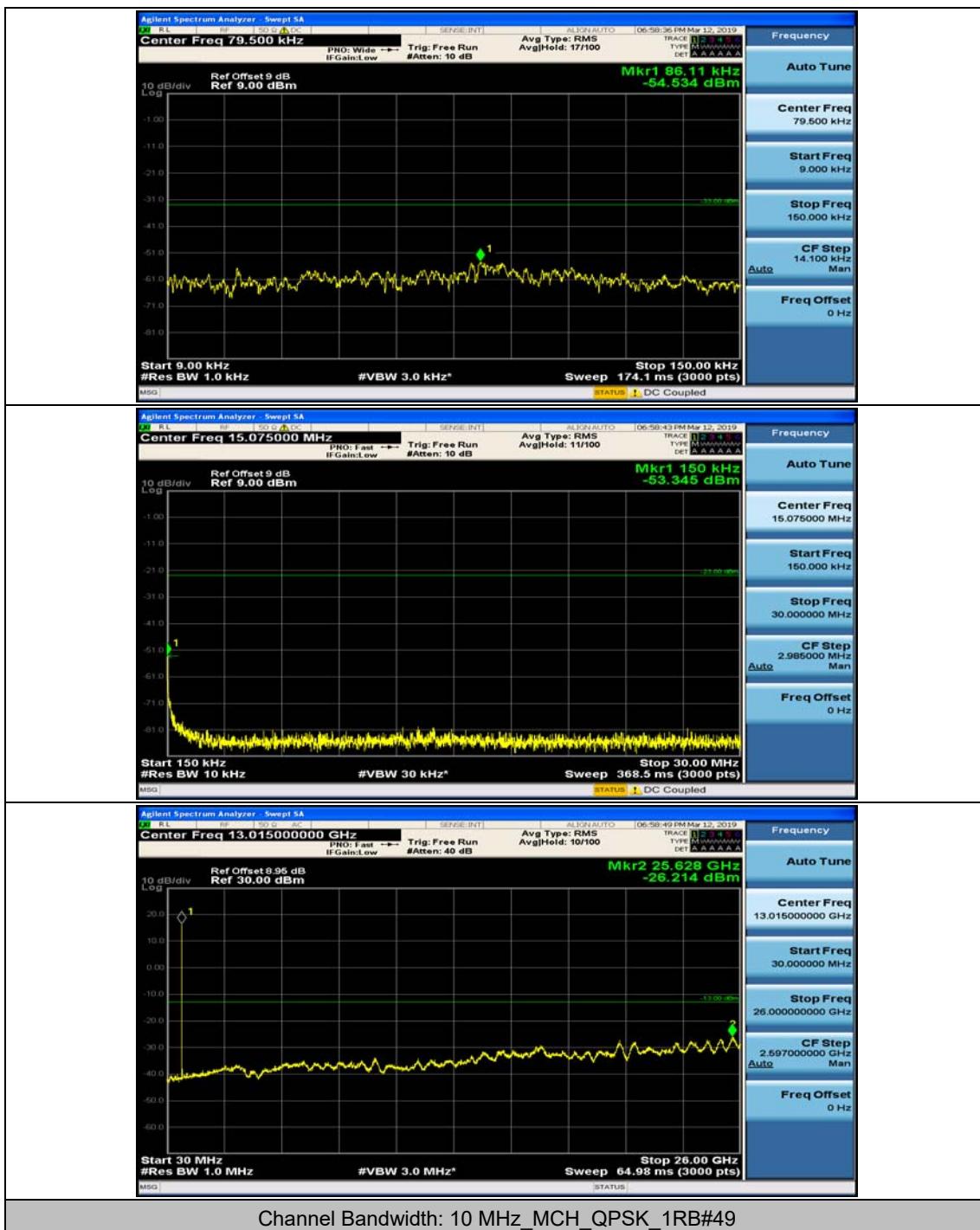
Channel Bandwidth: 10 MHz

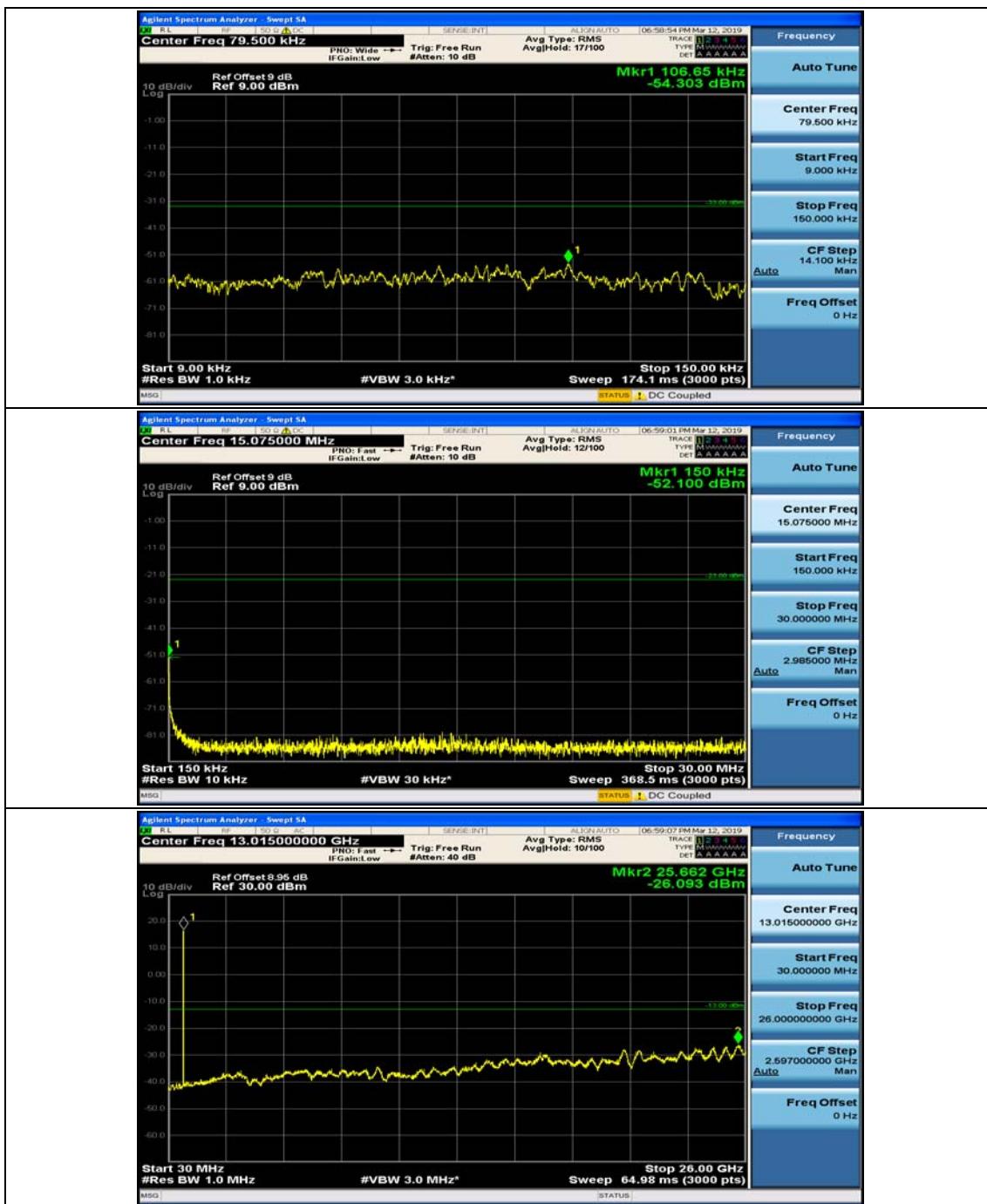


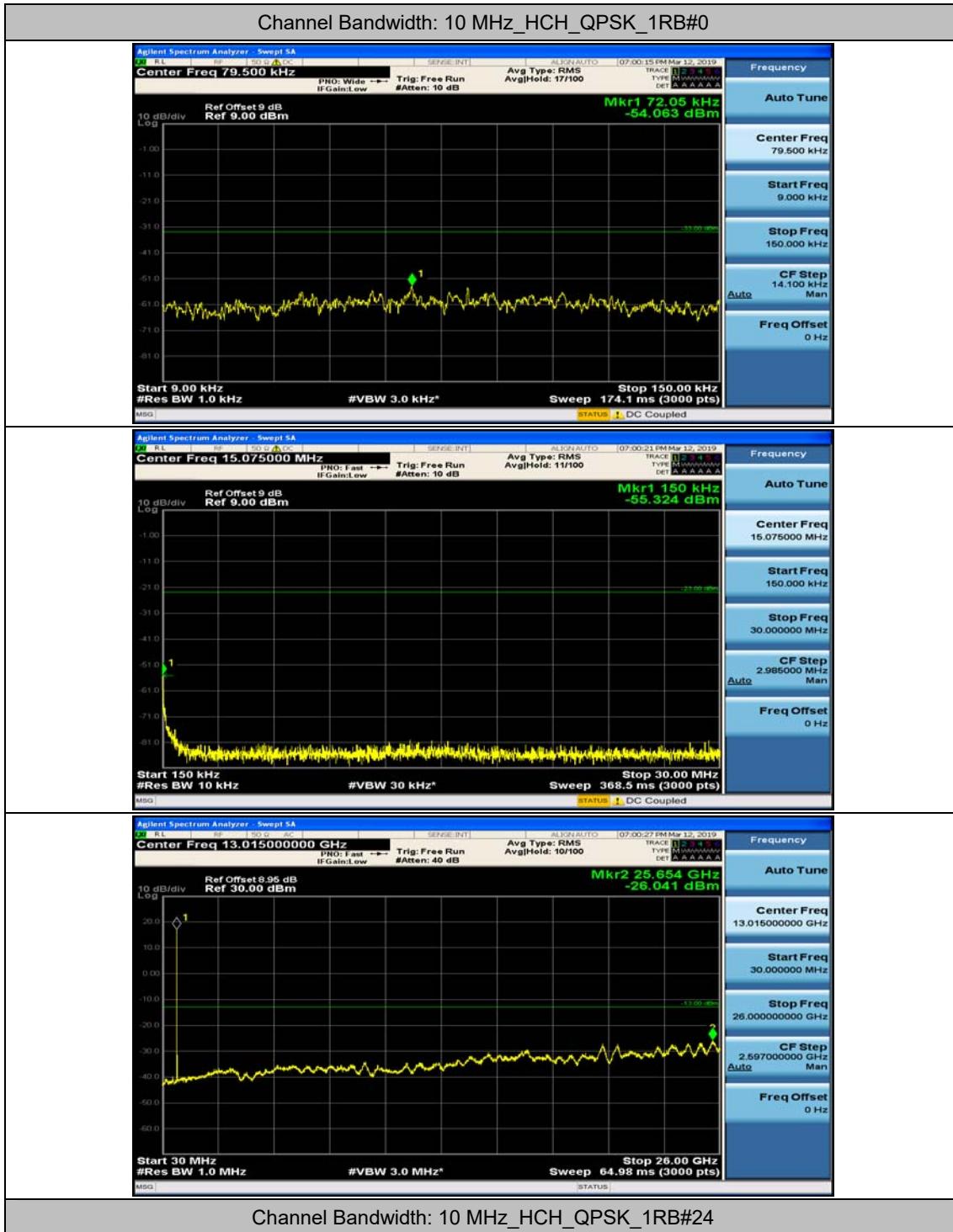


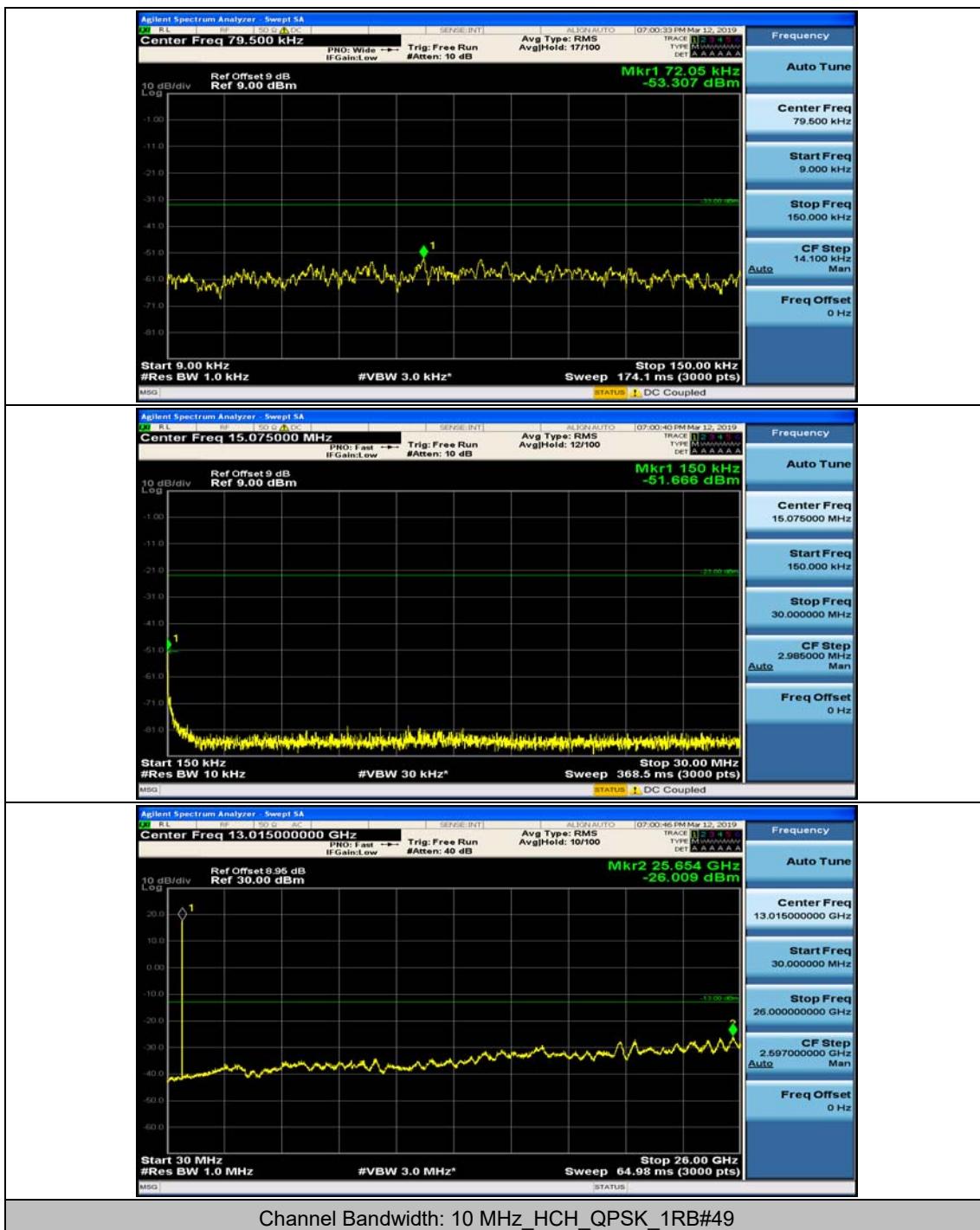


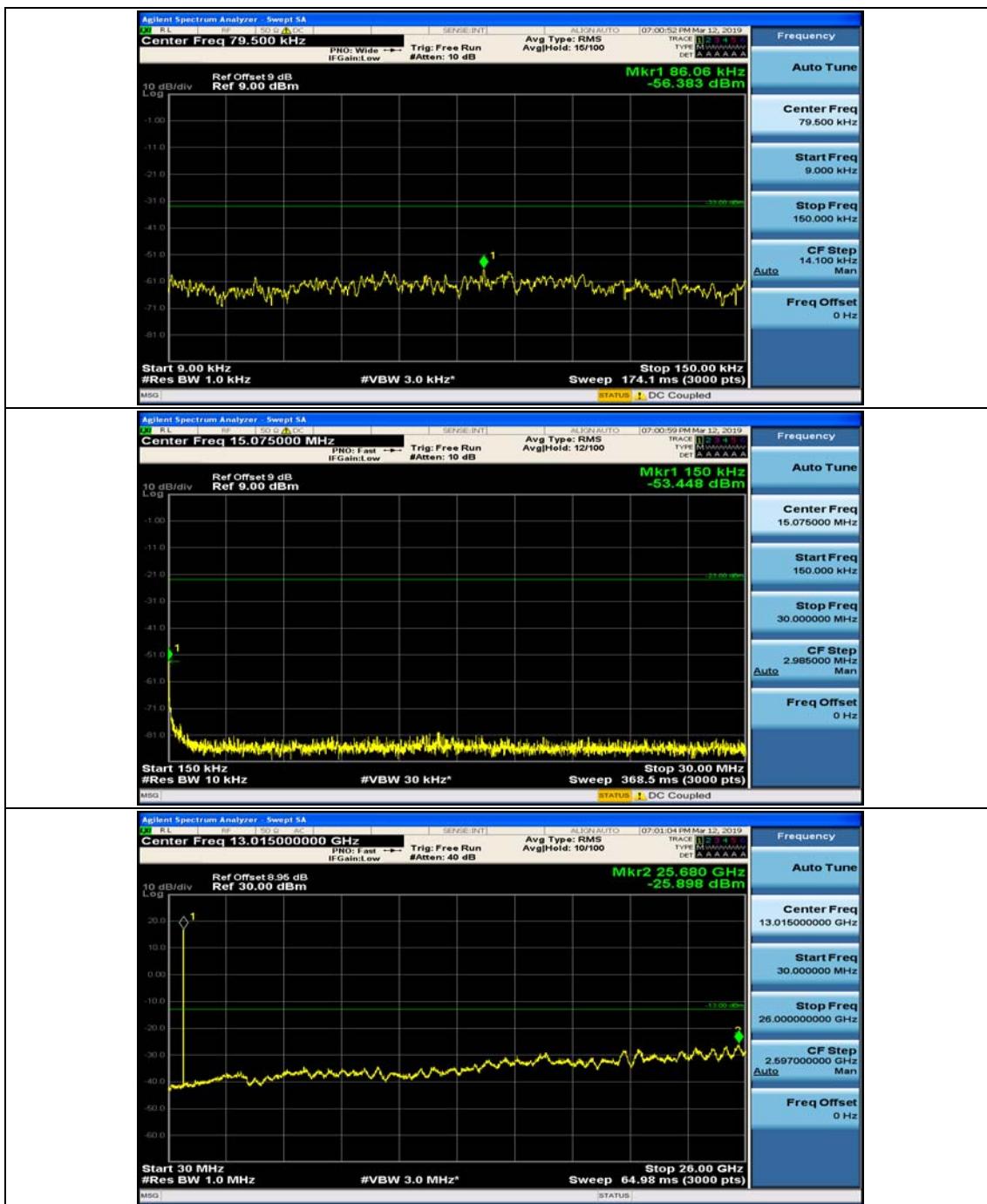


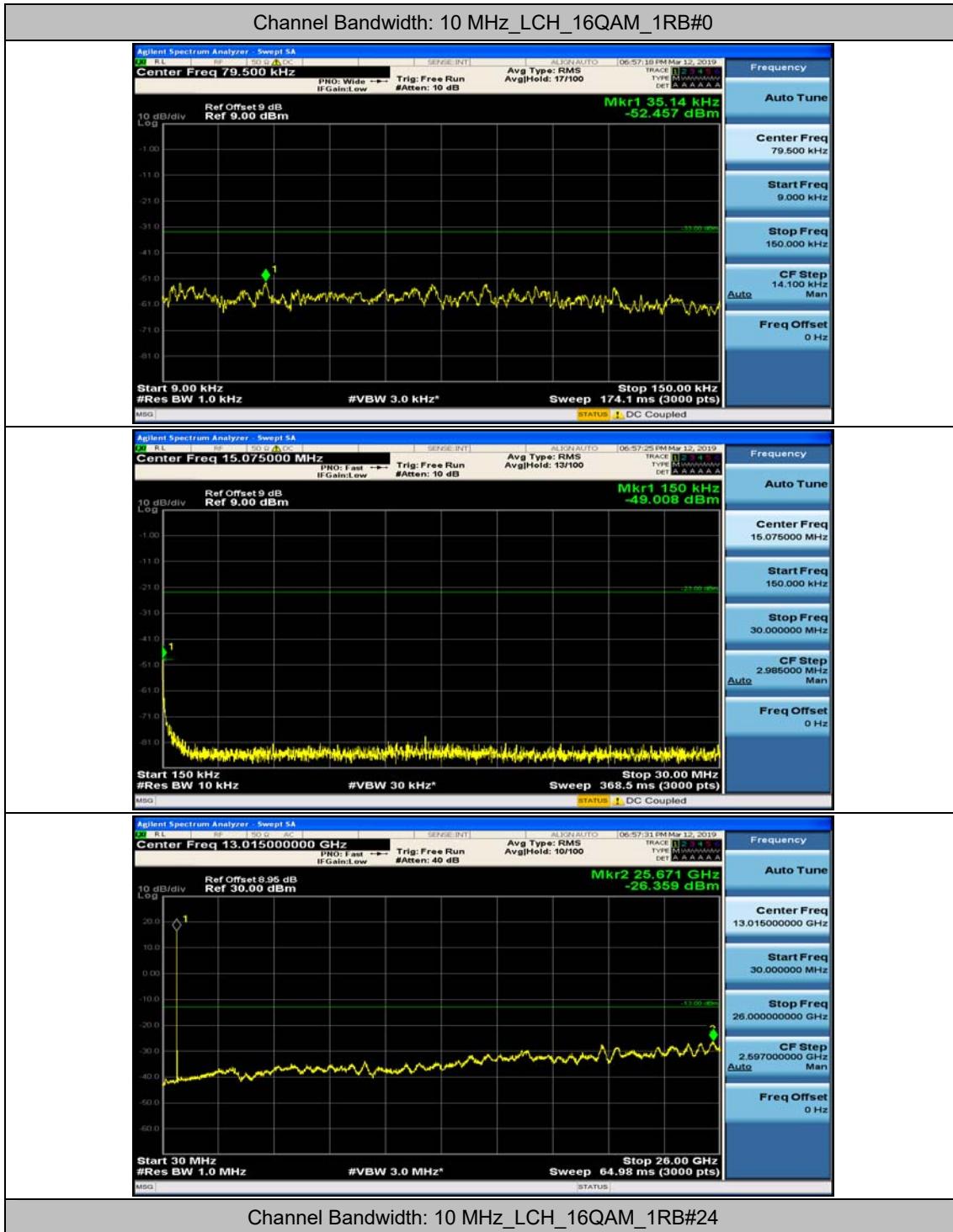


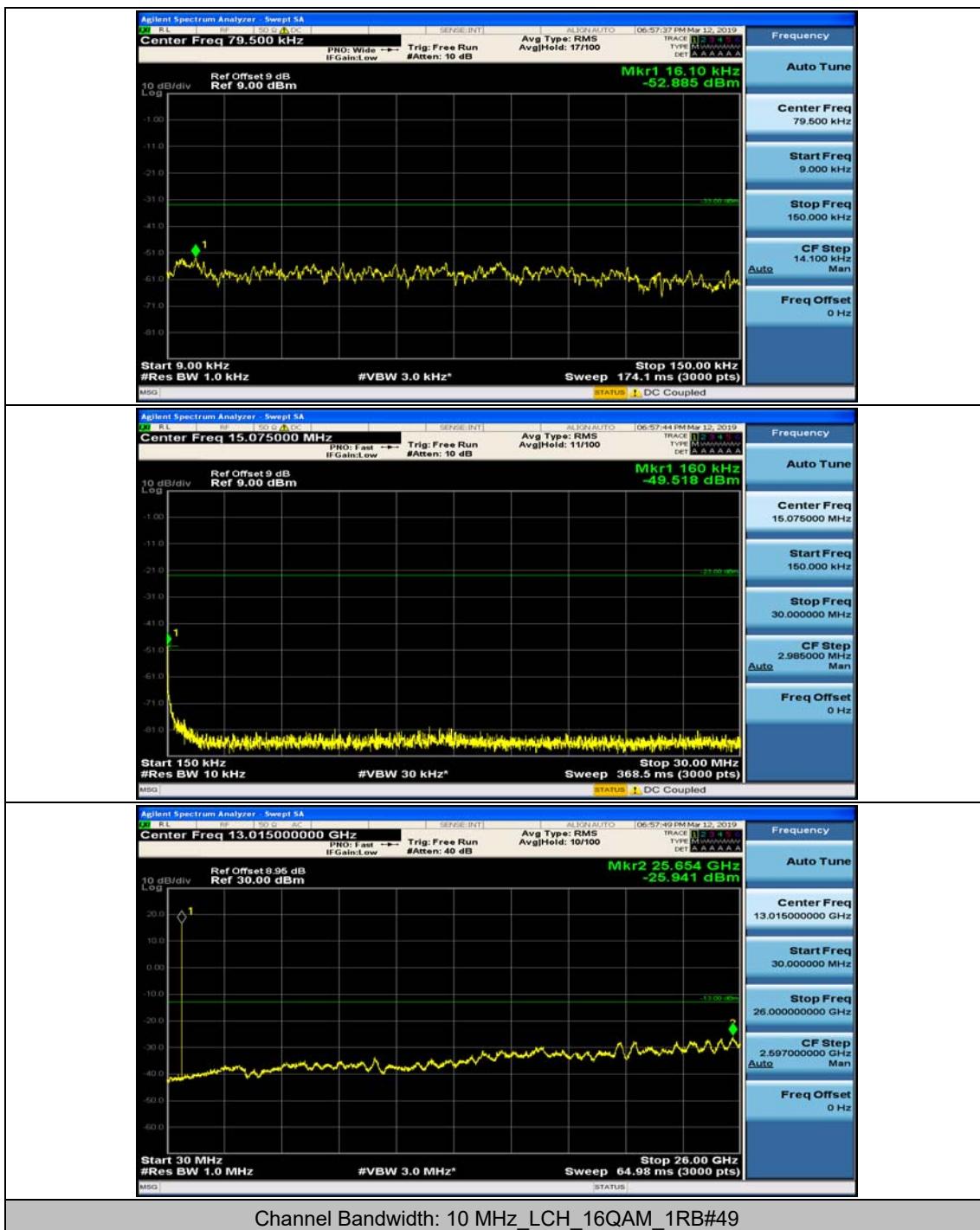


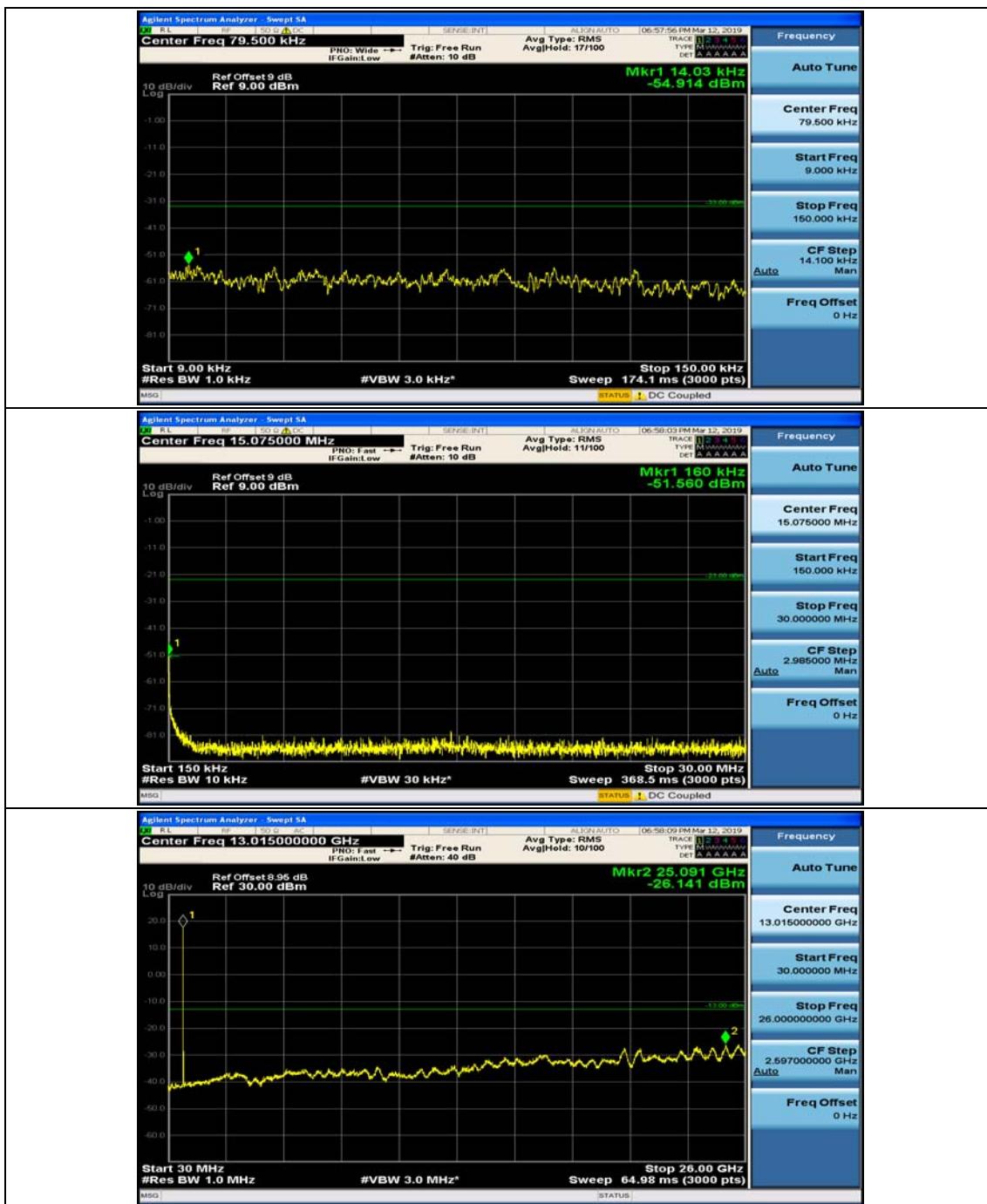


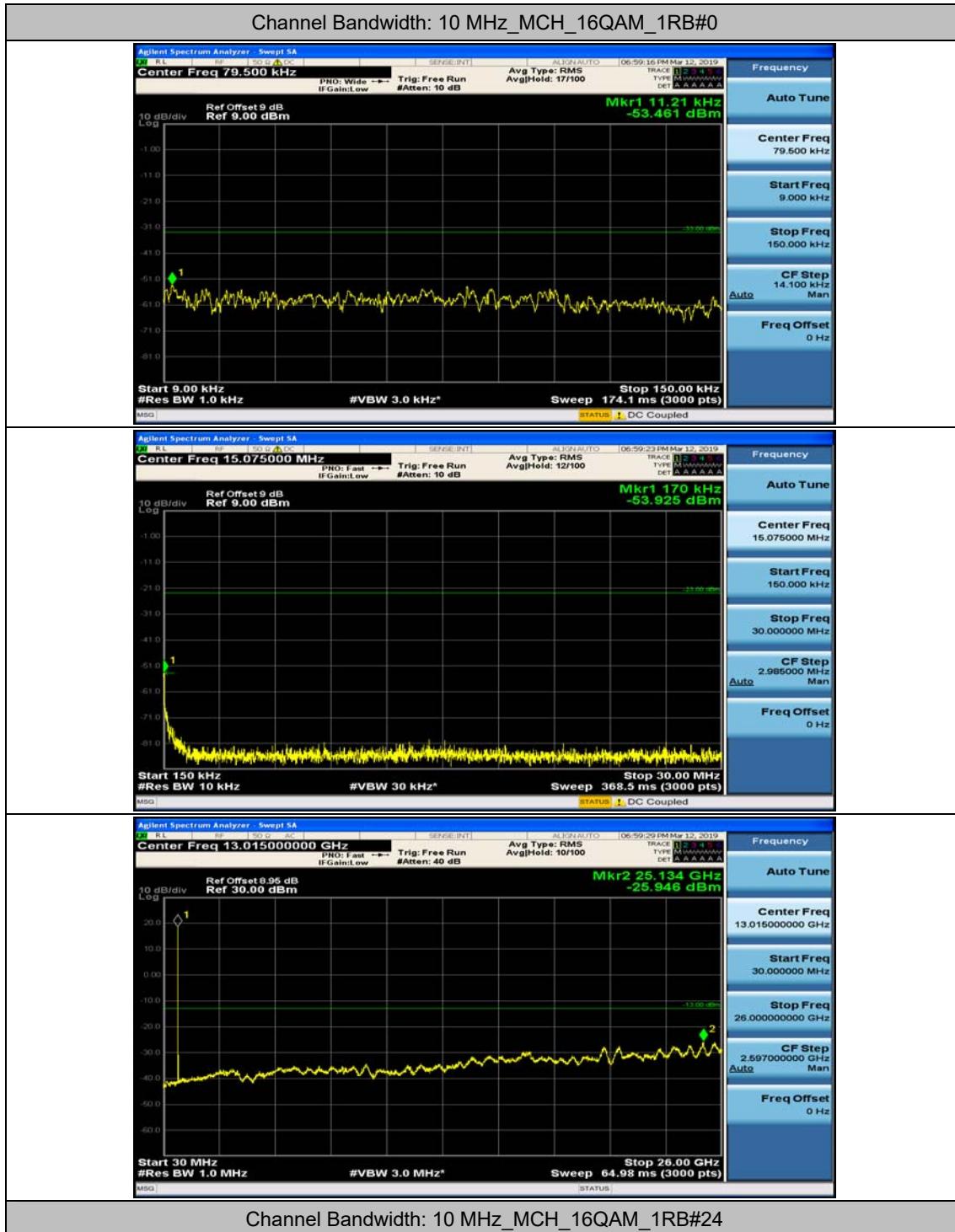


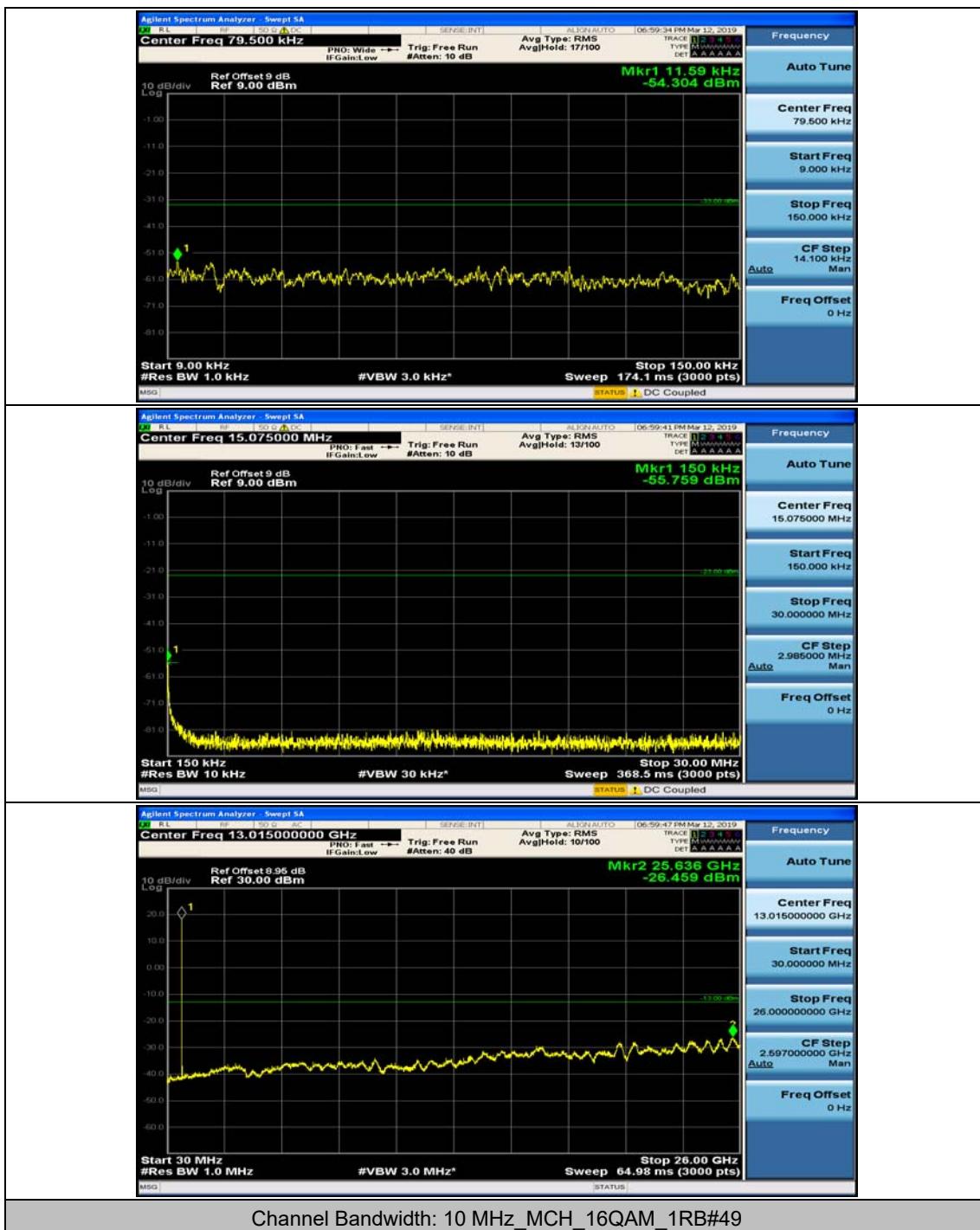


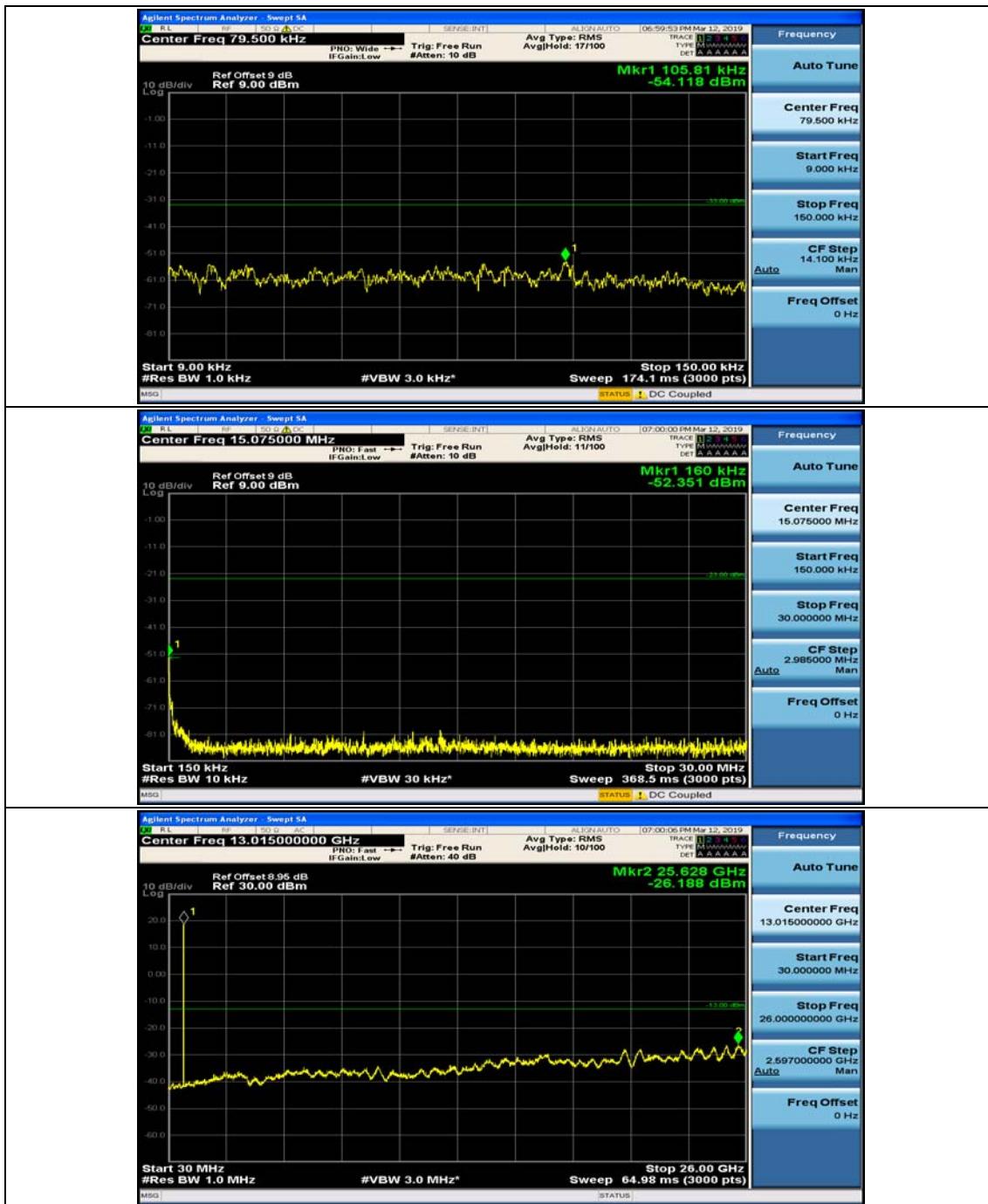


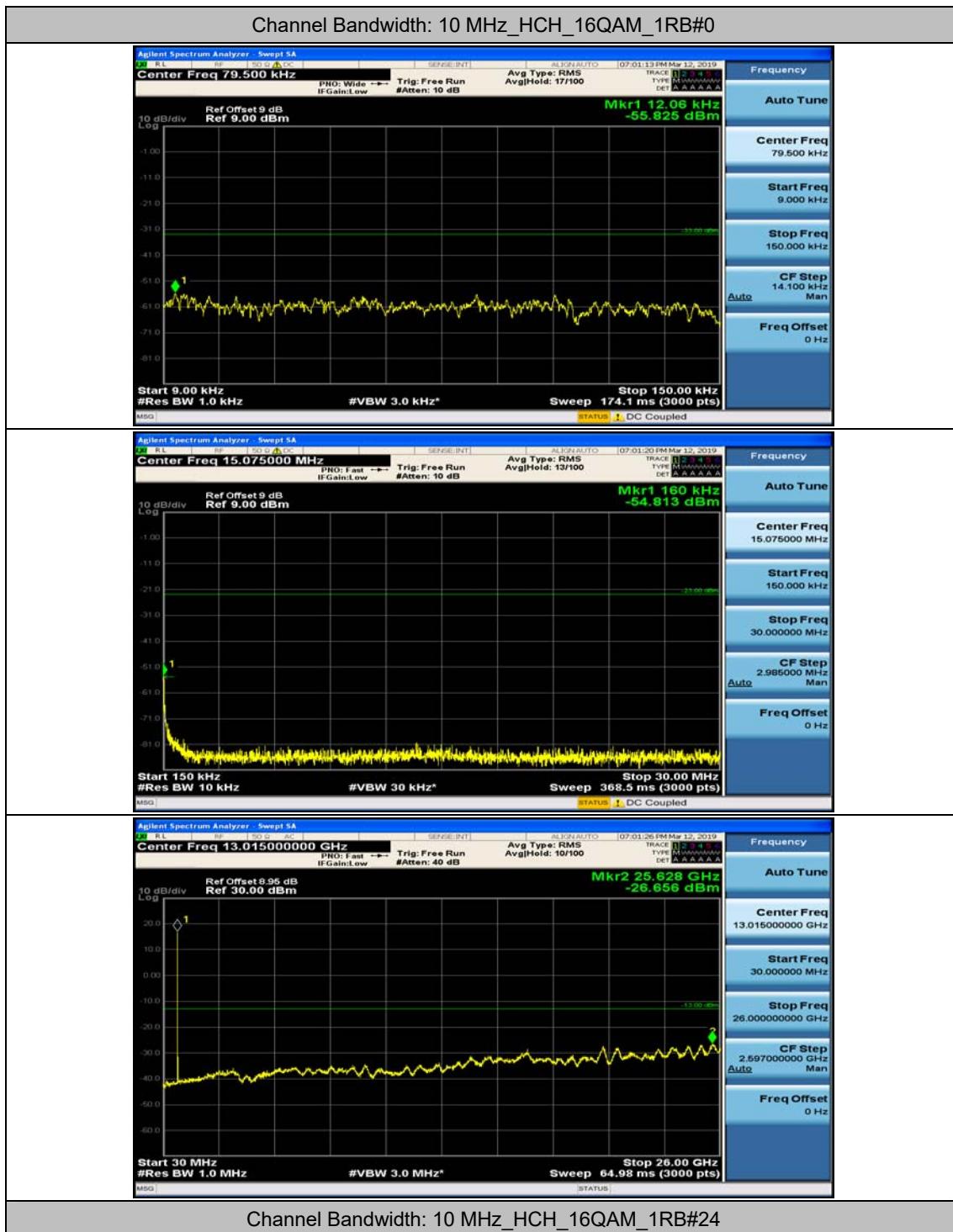


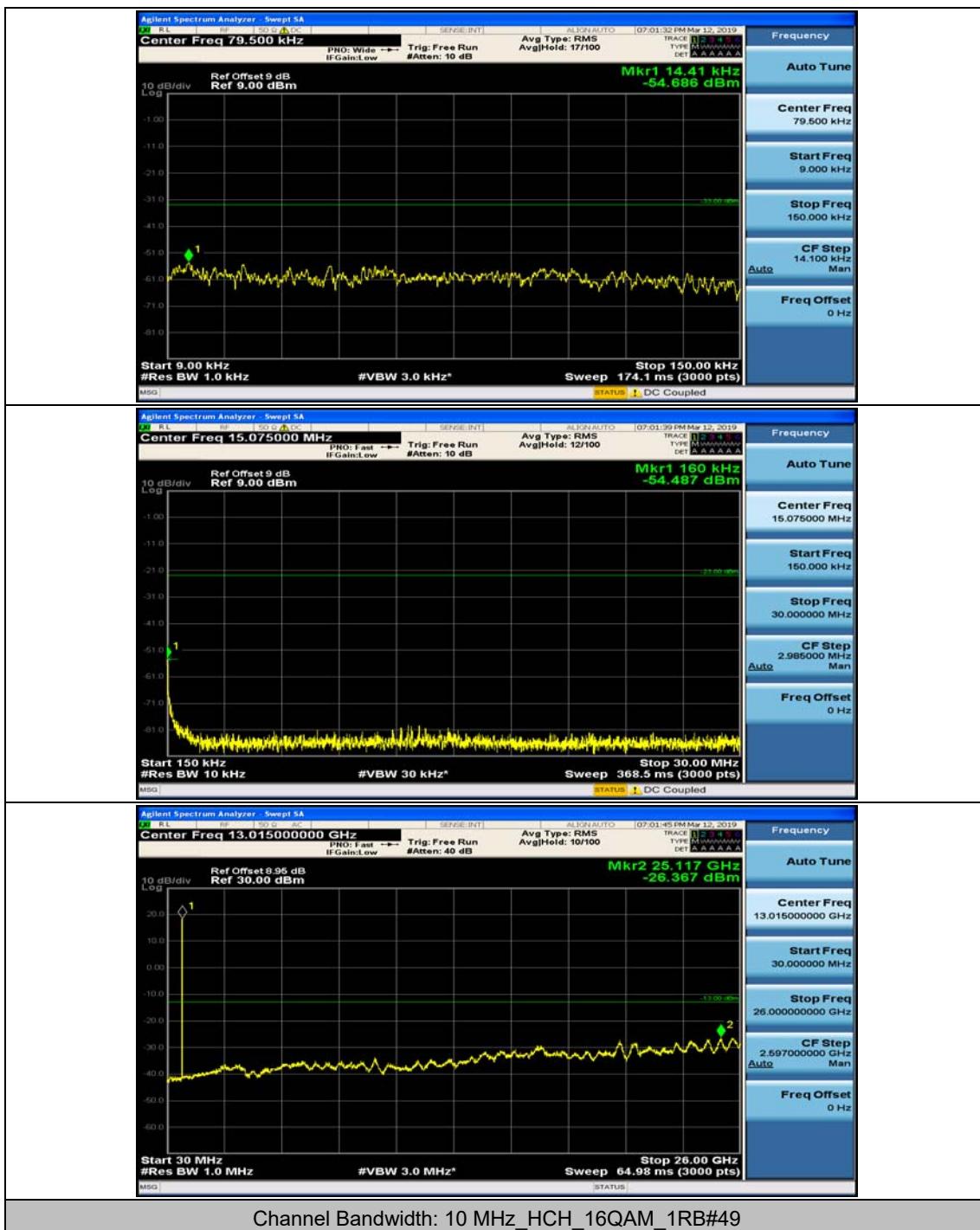


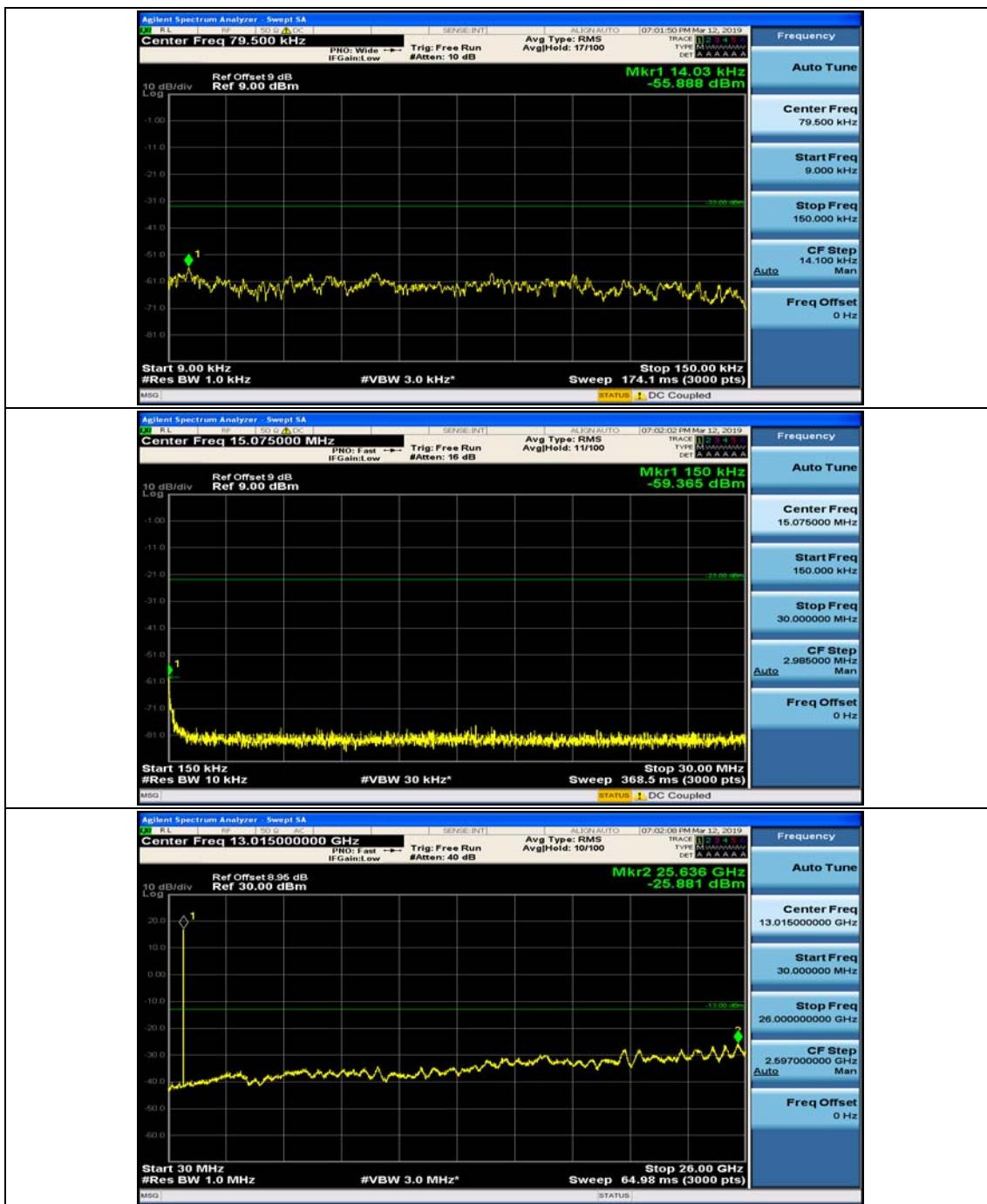












Appendix F: Frequency Stability

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 | -1.82 | -0.002601 | ± 2.5 | PASS |
| | | VN | TN | 0.91 | 0.001301 | ± 2.5 | PASS |
| | | VH | TN | -0.42 | -0.000600 | ± 2.5 | PASS |
| | MCH | VL | TN | 4.59 | 0.006488 | ± 2.5 | PASS |
| | | VN | TN | -1.46 | -0.002064 | ± 2.5 | PASS |
| | | VH | TN | 1.85 | 0.002615 | ± 2.5 | PASS |
| | HCH | VL | TN | -1.53 | -0.002139 | ± 2.5 | PASS |
| | | VN | TN | -1.13 | -0.001580 | ± 2.5 | PASS |
| | | VH | TN | 4.87 | 0.006808 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | -1.39 | -0.001987 | ± 2.5 | PASS |
| | | VN | TN | -1.75 | -0.002501 | ± 2.5 | PASS |
| | | VH | TN | -1.47 | -0.002101 | ± 2.5 | PASS |
| | MCH | VL | TN | -1.66 | -0.002346 | ± 2.5 | PASS |
| | | VN | TN | -1.23 | -0.001739 | ± 2.5 | PASS |
| | | VH | TN | 4.37 | 0.006177 | ± 2.5 | PASS |
| | HCH | VL | TN | -1.6 | -0.002237 | ± 2.5 | PASS |
| | | VN | TN | 2.22 | 0.003104 | ± 2.5 | PASS |
| | | VH | TN | -0.96 | -0.001342 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VN | -30 | -0.7 | -0.001000 | ± 2.5 | PASS |
| | | VN | -20 | 3.14 | 0.004488 | ± 2.5 | PASS |
| | | VN | -10 | 3.59 | 0.005131 | ± 2.5 | PASS |
| | | VN | 0 | 1.67 | 0.002387 | ± 2.5 | PASS |
| | | VN | 10 | -0.59 | -0.000843 | ± 2.5 | PASS |
| | | VN | 20 | 4.46 | 0.006374 | ± 2.5 | PASS |
| | | VN | 30 | 0.28 | 0.000400 | ± 2.5 | PASS |
| | | VN | 40 | 4.78 | 0.006831 | ± 2.5 | PASS |
| | | VN | 50 | 0.69 | 0.000986 | ± 2.5 | PASS |
| | MCH | VN | -30 | 4.46 | 0.006304 | ± 2.5 | PASS |

| | | | | | | | |
|-------|-----|----|-----|-------|-----------|-----------|------|
| | | VN | -20 | 1.27 | 0.001795 | ± 2.5 | PASS |
| | | VN | -10 | 2.82 | 0.003986 | ± 2.5 | PASS |
| | | VN | 0 | 0.05 | 0.000071 | ± 2.5 | PASS |
| | | VN | 10 | -1.6 | -0.002261 | ± 2.5 | PASS |
| | | VN | 20 | 4.99 | 0.007053 | ± 2.5 | PASS |
| | | VN | 30 | 4.57 | 0.006459 | ± 2.5 | PASS |
| | | VN | 40 | 3.13 | 0.004424 | ± 2.5 | PASS |
| | | VN | 50 | 1.17 | 0.001654 | ± 2.5 | PASS |
| | HCH | VN | -30 | 2.12 | 0.002964 | ± 2.5 | PASS |
| | | VN | -20 | 3.33 | 0.004655 | ± 2.5 | PASS |
| | | VN | -10 | 4.39 | 0.006137 | ± 2.5 | PASS |
| | | VN | 0 | 4.19 | 0.005858 | ± 2.5 | PASS |
| | | VN | 10 | 2.3 | 0.003215 | ± 2.5 | PASS |
| | | VN | 20 | 1.4 | 0.001957 | ± 2.5 | PASS |
| | | VN | 30 | -0.78 | -0.001090 | ± 2.5 | PASS |
| | | VN | 40 | 2.27 | 0.003173 | ± 2.5 | PASS |
| | | VN | 50 | 1.98 | 0.002768 | ± 2.5 | PASS |
| 16QAM | LCH | VN | -30 | 2.72 | 0.003887 | ± 2.5 | PASS |
| | | VN | -20 | -1.76 | -0.002515 | ± 2.5 | PASS |
| | | VN | -10 | -0.25 | -0.000357 | ± 2.5 | PASS |
| | | VN | 0 | -1.68 | -0.002401 | ± 2.5 | PASS |
| | | VN | 10 | -1.67 | -0.002387 | ± 2.5 | PASS |
| | | VN | 20 | 0.43 | 0.000615 | ± 2.5 | PASS |
| | | VN | 30 | 3.81 | 0.005445 | ± 2.5 | PASS |
| | | VN | 40 | 1.9 | 0.002715 | ± 2.5 | PASS |
| | | VN | 50 | 2.09 | 0.002987 | ± 2.5 | PASS |
| | MCH | VN | -30 | -0.06 | -0.000085 | ± 2.5 | PASS |
| | | VN | -20 | 2.91 | 0.004113 | ± 2.5 | PASS |
| | | VN | -10 | 3.19 | 0.004509 | ± 2.5 | PASS |
| | | VN | 0 | 2.71 | 0.003830 | ± 2.5 | PASS |
| | | VN | 10 | -0.31 | -0.000438 | ± 2.5 | PASS |
| | | VN | 20 | -0.24 | -0.000339 | ± 2.5 | PASS |
| | | VN | 30 | 2.85 | 0.004028 | ± 2.5 | PASS |
| | | VN | 40 | 1.75 | 0.002473 | ± 2.5 | PASS |
| | | VN | 50 | -1.49 | -0.002106 | ± 2.5 | PASS |
| | HCH | VN | -30 | 4.99 | 0.006976 | ± 2.5 | PASS |
| | | VN | -20 | 2.29 | 0.003201 | ± 2.5 | PASS |
| | | VN | -10 | -1.39 | -0.001943 | ± 2.5 | PASS |
| | | VN | 0 | 0.31 | 0.000433 | ± 2.5 | PASS |
| | | VN | 10 | 3.02 | 0.004222 | ± 2.5 | PASS |
| | | VN | 20 | -1.21 | -0.001692 | ± 2.5 | PASS |

| | | | | | | | |
|--|--|----|----|------|----------|-----------|------|
| | | VN | 30 | 0.77 | 0.001076 | ± 2.5 | PASS |
| | | VN | 40 | 1.87 | 0.002614 | ± 2.5 | PASS |
| | | VN | 50 | 2.04 | 0.002852 | ± 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 | 1.26 | 0.001799 | ± 2.5 | PASS |
| | | VN | TN | 0.48 | 0.000685 | ± 2.5 | PASS |
| | | VH | TN | -0.1 | -0.000143 | ± 2.5 | PASS |
| | MCH | VL | TN | -0.56 | -0.000792 | ± 2.5 | PASS |
| | | VN | TN | 4.24 | 0.005993 | ± 2.5 | PASS |
| | | VH | TN | 1.23 | 0.001739 | ± 2.5 | PASS |
| | HCH | VL | TN | 1.83 | 0.002561 | ± 2.5 | PASS |
| | | VN | TN | -0.38 | -0.000532 | ± 2.5 | PASS |
| | | VH | TN | 0.71 | 0.000994 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | 0.22 | 0.000314 | ± 2.5 | PASS |
| | | VN | TN | 2.06 | 0.002941 | ± 2.5 | PASS |
| | | VH | TN | -1.11 | -0.001585 | ± 2.5 | PASS |
| | MCH | VL | TN | -1.38 | -0.001951 | ± 2.5 | PASS |
| | | VN | TN | 2.09 | 0.002954 | ± 2.5 | PASS |
| | | VH | TN | -1.72 | -0.002431 | ± 2.5 | PASS |
| | HCH | VL | TN | 4.94 | 0.006914 | ± 2.5 | PASS |
| | | VN | TN | 2.9 | 0.004059 | ± 2.5 | PASS |
| | | VH | TN | -1.02 | -0.001428 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VN | -30 | 1.99 | 0.002841 | ± 2.5 | PASS |
| | | VN | -20 | 3.66 | 0.005225 | ± 2.5 | PASS |
| | | VN | -10 | 2.32 | 0.003312 | ± 2.5 | PASS |
| | | VN | 0 | -1.67 | -0.002384 | ± 2.5 | PASS |
| | | VN | 10 | 0.31 | 0.000443 | ± 2.5 | PASS |
| | | VN | 20 | 4.12 | 0.005882 | ± 2.5 | PASS |
| | | VN | 30 | -1.16 | -0.001656 | ± 2.5 | PASS |
| | | VN | 40 | 3.95 | 0.005639 | ± 2.5 | PASS |
| | | VN | 50 | 2.16 | 0.003084 | ± 2.5 | PASS |
| | MCH | VN | -30 | 4.82 | 0.006813 | ± 2.5 | PASS |
| | | VN | -20 | -1.56 | -0.002205 | ± 2.5 | PASS |

| | | | | | | | |
|--|-----|----|-----|-------|-----------|-----------|------|
| | | VN | -10 | 1.46 | 0.002064 | ± 2.5 | PASS |
| | | VN | 0 | 4.41 | 0.006233 | ± 2.5 | PASS |
| | | VN | 10 | -1.89 | -0.002671 | ± 2.5 | PASS |
| | | VN | 20 | 0.55 | 0.000777 | ± 2.5 | PASS |
| | | VN | 30 | 0.06 | 0.000085 | ± 2.5 | PASS |
| | | VN | 40 | -1.77 | -0.002502 | ± 2.5 | PASS |
| | | VN | 50 | 3.17 | 0.004481 | ± 2.5 | PASS |
| | HCH | VN | -30 | -0.98 | -0.001372 | ± 2.5 | PASS |
| | | VN | -20 | 0.26 | 0.000364 | ± 2.5 | PASS |
| | | VN | -10 | 1.83 | 0.002561 | ± 2.5 | PASS |
| | | VN | 0 | 3.85 | 0.005388 | ± 2.5 | PASS |
| | | VN | 10 | -0.9 | -0.001260 | ± 2.5 | PASS |
| | | VN | 20 | 1.84 | 0.002575 | ± 2.5 | PASS |
| | | VN | 30 | -1.59 | -0.002225 | ± 2.5 | PASS |
| | | VN | 40 | 1.82 | 0.002547 | ± 2.5 | PASS |
| | | VN | 50 | 2.19 | 0.003065 | ± 2.5 | PASS |
| | LCH | VN | -30 | -0.28 | -0.000400 | ± 2.5 | PASS |
| | | VN | -20 | 3.25 | 0.004640 | ± 2.5 | PASS |
| | | VN | -10 | -1.42 | -0.002027 | ± 2.5 | PASS |
| | | VN | 0 | -1.77 | -0.002527 | ± 2.5 | PASS |
| | | VN | 10 | 2.41 | 0.003440 | ± 2.5 | PASS |
| | | VN | 20 | 3.59 | 0.005125 | ± 2.5 | PASS |
| | | VN | 30 | -0.33 | -0.000471 | ± 2.5 | PASS |
| | | VN | 40 | 2.01 | 0.002869 | ± 2.5 | PASS |
| | | VN | 50 | 2.04 | 0.002912 | ± 2.5 | PASS |
| | MCH | VN | -30 | 3.92 | 0.005541 | ± 2.5 | PASS |
| | | VN | -20 | -1.74 | -0.002459 | ± 2.5 | PASS |
| | | VN | -10 | 3.79 | 0.005357 | ± 2.5 | PASS |
| | | VN | 0 | 3.28 | 0.004636 | ± 2.5 | PASS |
| | | VN | 10 | 4.59 | 0.006488 | ± 2.5 | PASS |
| | | VN | 20 | -1.34 | -0.001894 | ± 2.5 | PASS |
| | | VN | 30 | 3.81 | 0.005385 | ± 2.5 | PASS |
| | | VN | 40 | -0.64 | -0.000905 | ± 2.5 | PASS |
| | | VN | 50 | -0.43 | -0.000608 | ± 2.5 | PASS |
| | HCH | VN | -30 | 3.38 | 0.004731 | ± 2.5 | PASS |
| | | VN | -20 | 2.54 | 0.003555 | ± 2.5 | PASS |
| | | VN | -10 | 3.28 | 0.004591 | ± 2.5 | PASS |
| | | VN | 0 | 2.08 | 0.002911 | ± 2.5 | PASS |
| | | VN | 10 | 2.53 | 0.003541 | ± 2.5 | PASS |
| | | VN | 20 | 0.07 | 0.000098 | ± 2.5 | PASS |
| | | VN | 30 | -0.94 | -0.001316 | ± 2.5 | PASS |

| | | | | | | | |
|--|--|----|----|-------|-----------|-----------|------|
| | | VN | 40 | 0.56 | 0.000784 | ± 2.5 | PASS |
| | | VN | 50 | -0.78 | -0.001092 | ± 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 | 1.85 | 0.002637 | ± 2.5 | PASS |
| | | VN | TN | -0.06 | -0.000086 | ± 2.5 | PASS |
| | | VH | TN | 3.85 | 0.005488 | ± 2.5 | PASS |
| | MCH | VL | TN | 2.76 | 0.003901 | ± 2.5 | PASS |
| | | VN | TN | 3.42 | 0.004834 | ± 2.5 | PASS |
| | | VH | TN | 3.26 | 0.004608 | ± 2.5 | PASS |
| | HCH | VL | TN | -0.79 | -0.001107 | ± 2.5 | PASS |
| | | VN | TN | -1.61 | -0.002256 | ± 2.5 | PASS |
| | | VH | TN | 1.6 | 0.002242 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | -1.84 | -0.002623 | ± 2.5 | PASS |
| | | VN | TN | -1.58 | -0.002252 | ± 2.5 | PASS |
| | | VH | TN | -0.74 | -0.001055 | ± 2.5 | PASS |
| | MCH | VL | TN | 2.15 | 0.003039 | ± 2.5 | PASS |
| | | VN | TN | 2.99 | 0.004226 | ± 2.5 | PASS |
| | | VH | TN | 1.75 | 0.002473 | ± 2.5 | PASS |
| | HCH | VL | TN | 1.94 | 0.002719 | ± 2.5 | PASS |
| | | VN | TN | 0.57 | 0.000799 | ± 2.5 | PASS |
| | | VH | TN | 0.3 | 0.000420 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VN | -30 | 3.2 | 0.004562 | ± 2.5 | PASS |
| | | VN | -20 | -1.81 | -0.002580 | ± 2.5 | PASS |
| | | VN | -10 | -0.08 | -0.000114 | ± 2.5 | PASS |
| | | VN | 0 | 3.8 | 0.005417 | ± 2.5 | PASS |
| | | VN | 10 | 2.55 | 0.003635 | ± 2.5 | PASS |
| | | VN | 20 | 2.39 | 0.003407 | ± 2.5 | PASS |
| | | VN | 30 | 3.91 | 0.005574 | ± 2.5 | PASS |
| | | VN | 40 | 4.45 | 0.006344 | ± 2.5 | PASS |
| | | VN | 50 | 3.82 | 0.005445 | ± 2.5 | PASS |
| | MCH | VN | -30 | -0.58 | -0.000820 | ± 2.5 | PASS |
| | | VN | -20 | 3.89 | 0.005498 | ± 2.5 | PASS |
| | | VN | -10 | 4.69 | 0.006629 | ± 2.5 | PASS |

| | | | | | | | |
|--|-----|----|-----|-------|-----------|-----------|------|
| | | VN | 0 | 3.69 | 0.005216 | ± 2.5 | PASS |
| | | VN | 10 | 1 | 0.001413 | ± 2.5 | PASS |
| | | VN | 20 | -0.3 | -0.000424 | ± 2.5 | PASS |
| | | VN | 30 | 2.35 | 0.003322 | ± 2.5 | PASS |
| | | VN | 40 | 3.43 | 0.004848 | ± 2.5 | PASS |
| | | VN | 50 | 3.57 | 0.005046 | ± 2.5 | PASS |
| | | VN | -30 | 2.45 | 0.003434 | ± 2.5 | PASS |
| | | VN | -20 | -1.07 | -0.001500 | ± 2.5 | PASS |
| | | VN | -10 | 1.98 | 0.002775 | ± 2.5 | PASS |
| | | VN | 0 | 1.35 | 0.001892 | ± 2.5 | PASS |
| | | VN | 10 | 0.93 | 0.001303 | ± 2.5 | PASS |
| | | VN | 20 | 3.81 | 0.005340 | ± 2.5 | PASS |
| | | VN | 30 | -0.49 | -0.000687 | ± 2.5 | PASS |
| | | VN | 40 | -0.64 | -0.000897 | ± 2.5 | PASS |
| | | VN | 50 | 0.46 | 0.000645 | ± 2.5 | PASS |
| | HCH | VN | -30 | 4.26 | 0.006073 | ± 2.5 | PASS |
| | | VN | -20 | 4.66 | 0.006643 | ± 2.5 | PASS |
| | | VN | -10 | 3.17 | 0.004519 | ± 2.5 | PASS |
| | | VN | 0 | 2.41 | 0.003435 | ± 2.5 | PASS |
| | | VN | 10 | -1.15 | -0.001639 | ± 2.5 | PASS |
| | | VN | 20 | 2.2 | 0.003136 | ± 2.5 | PASS |
| | | VN | 30 | 4.01 | 0.005716 | ± 2.5 | PASS |
| | | VN | 40 | 3.24 | 0.004619 | ± 2.5 | PASS |
| | | VN | 50 | -0.92 | -0.001311 | ± 2.5 | PASS |
| | LCH | VN | -30 | 0.58 | 0.000820 | ± 2.5 | PASS |
| | | VN | -20 | -1.05 | -0.001484 | ± 2.5 | PASS |
| | | VN | -10 | 1.96 | 0.002770 | ± 2.5 | PASS |
| | | VN | 0 | 0.66 | 0.000933 | ± 2.5 | PASS |
| | | VN | 10 | -0.27 | -0.000382 | ± 2.5 | PASS |
| | | VN | 20 | 3.24 | 0.004580 | ± 2.5 | PASS |
| | | VN | 30 | -0.8 | -0.001131 | ± 2.5 | PASS |
| | | VN | 40 | 3.9 | 0.005512 | ± 2.5 | PASS |
| | | VN | 50 | 2.75 | 0.003887 | ± 2.5 | PASS |
| | MCH | VN | -30 | 4.35 | 0.006097 | ± 2.5 | PASS |
| | | VN | -20 | 1.25 | 0.001752 | ± 2.5 | PASS |
| | | VN | -10 | 1.98 | 0.002775 | ± 2.5 | PASS |
| | | VN | 0 | 1.35 | 0.001892 | ± 2.5 | PASS |
| | | VN | 10 | 2.5 | 0.003504 | ± 2.5 | PASS |
| | | VN | 20 | 0.13 | 0.000182 | ± 2.5 | PASS |
| | | VN | 30 | 3.61 | 0.005060 | ± 2.5 | PASS |
| | | VN | 40 | 3.99 | 0.005592 | ± 2.5 | PASS |

| | | | | | | | |
|--|--|----|----|------|----------|-----------|------|
| | | VN | 50 | 2.44 | 0.003420 | ± 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 | 3.65 | 0.005185 | ± 2.5 | PASS |
| | | VN | TN | 4.59 | 0.006520 | ± 2.5 | PASS |
| | | VH | TN | 1.11 | 0.001577 | ± 2.5 | PASS |
| | MCH | VL | TN | 3.76 | 0.005314 | ± 2.5 | PASS |
| | | VN | TN | 2.98 | 0.004212 | ± 2.5 | PASS |
| | | VH | TN | 0.4 | 0.000565 | ± 2.5 | PASS |
| | HCH | VL | TN | 1.66 | 0.002335 | ± 2.5 | PASS |
| | | VN | TN | -1.74 | -0.002447 | ± 2.5 | PASS |
| | | VH | TN | 4.76 | 0.006695 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | 0.77 | 0.001094 | ± 2.5 | PASS |
| | | VN | TN | 3.93 | 0.005582 | ± 2.5 | PASS |
| | | VH | TN | 3.76 | 0.005341 | ± 2.5 | PASS |
| | MCH | VL | TN | 2.05 | 0.002898 | ± 2.5 | PASS |
| | | VN | TN | -0.19 | -0.000269 | ± 2.5 | PASS |
| | | VH | TN | 4.37 | 0.006177 | ± 2.5 | PASS |
| | HCH | VL | TN | 0 | 0.000000 | ± 2.5 | PASS |
| | | VN | TN | 0.83 | 0.001167 | ± 2.5 | PASS |
| | | VH | TN | 3.76 | 0.005288 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 16QAM | LCH | VN | -30 | 1.3 | 0.001847 | ± 2.5 | PASS |
| | | VN | -20 | 0.39 | 0.000554 | ± 2.5 | PASS |
| | | VN | -10 | 0.86 | 0.001222 | ± 2.5 | PASS |
| | | VN | 0 | 1.18 | 0.001676 | ± 2.5 | PASS |
| | | VN | 10 | 1.74 | 0.002472 | ± 2.5 | PASS |
| | | VN | 20 | 0.01 | 0.000014 | ± 2.5 | PASS |
| | | VN | 30 | 0.6 | 0.000852 | ± 2.5 | PASS |
| | | VN | 40 | 0.02 | 0.000028 | ± 2.5 | PASS |
| | | VN | 50 | -0.07 | -0.000099 | ± 2.5 | PASS |
| | MCH | VN | -30 | 1.03 | 0.001456 | ± 2.5 | PASS |
| | | VN | -20 | 0.67 | 0.000947 | ± 2.5 | PASS |
| | | VN | -10 | 1.4 | 0.001979 | ± 2.5 | PASS |
| | | VN | 0 | 1.8 | 0.002544 | ± 2.5 | PASS |

| | | | | | | | |
|--|--|----|-----|-------|-----------|-----------|------|
| | | VN | 10 | 2.2 | 0.003110 | ± 2.5 | PASS |
| | | VN | 20 | 1.41 | 0.001993 | ± 2.5 | PASS |
| | | VN | 30 | 0.42 | 0.000594 | ± 2.5 | PASS |
| | | VN | 40 | -1.27 | -0.001795 | ± 2.5 | PASS |
| | | VN | 50 | -0.78 | -0.001102 | ± 2.5 | PASS |
| | | VN | -30 | 3.15 | 0.004430 | ± 2.5 | PASS |
| | | VN | -20 | 3.65 | 0.005134 | ± 2.5 | PASS |
| | | VN | -10 | 4.76 | 0.006695 | ± 2.5 | PASS |
| | | VN | 0 | 3.33 | 0.004684 | ± 2.5 | PASS |
| | | VN | 10 | -0.44 | -0.000619 | ± 2.5 | PASS |
| | | VN | 20 | -1.64 | -0.002307 | ± 2.5 | PASS |
| | | VN | 30 | 4.58 | 0.006442 | ± 2.5 | PASS |
| | | VN | 40 | 3.62 | 0.005091 | ± 2.5 | PASS |
| | | VN | 50 | 1.28 | 0.001800 | ± 2.5 | PASS |
| | | VN | -30 | 1.6 | 0.002273 | ± 2.5 | PASS |
| | | VN | -20 | 4.93 | 0.007003 | ± 2.5 | PASS |
| | | VN | -10 | -1.59 | -0.002259 | ± 2.5 | PASS |
| | | VN | 0 | 1.38 | 0.001960 | ± 2.5 | PASS |
| | | VN | 10 | 0.85 | 0.001207 | ± 2.5 | PASS |
| | | VN | 20 | 0.2 | 0.000284 | ± 2.5 | PASS |
| | | VN | 30 | -1.81 | -0.002571 | ± 2.5 | PASS |
| | | VN | 40 | 0.14 | 0.000199 | ± 2.5 | PASS |
| | | VN | 50 | -0.31 | -0.000440 | ± 2.5 | PASS |
| | | VN | -30 | 2.09 | 0.002954 | ± 2.5 | PASS |
| | | VN | -20 | 0.34 | 0.000481 | ± 2.5 | PASS |
| | | VN | -10 | 4.55 | 0.006431 | ± 2.5 | PASS |
| | | VN | 0 | 1.54 | 0.002177 | ± 2.5 | PASS |
| | | VN | 10 | 2.32 | 0.003279 | ± 2.5 | PASS |
| | | VN | 20 | 4.28 | 0.006049 | ± 2.5 | PASS |
| | | VN | 30 | -0.03 | -0.000042 | ± 2.5 | PASS |
| | | VN | 40 | 0.44 | 0.000622 | ± 2.5 | PASS |
| | | VN | 50 | 3.95 | 0.005583 | ± 2.5 | PASS |
| | | VN | -30 | 3.56 | 0.005007 | ± 2.5 | PASS |
| | | VN | -20 | 1.35 | 0.001899 | ± 2.5 | PASS |
| | | VN | -10 | -1.8 | -0.002532 | ± 2.5 | PASS |
| | | VN | 0 | 3.62 | 0.005091 | ± 2.5 | PASS |
| | | VN | 10 | 1.47 | 0.002068 | ± 2.5 | PASS |
| | | VN | 20 | 4.28 | 0.006020 | ± 2.5 | PASS |
| | | VN | 30 | 3.34 | 0.004698 | ± 2.5 | PASS |
| | | VN | 40 | -0.63 | -0.000886 | ± 2.5 | PASS |
| | | VN | 50 | 2.73 | 0.003840 | ± 2.5 | PASS |