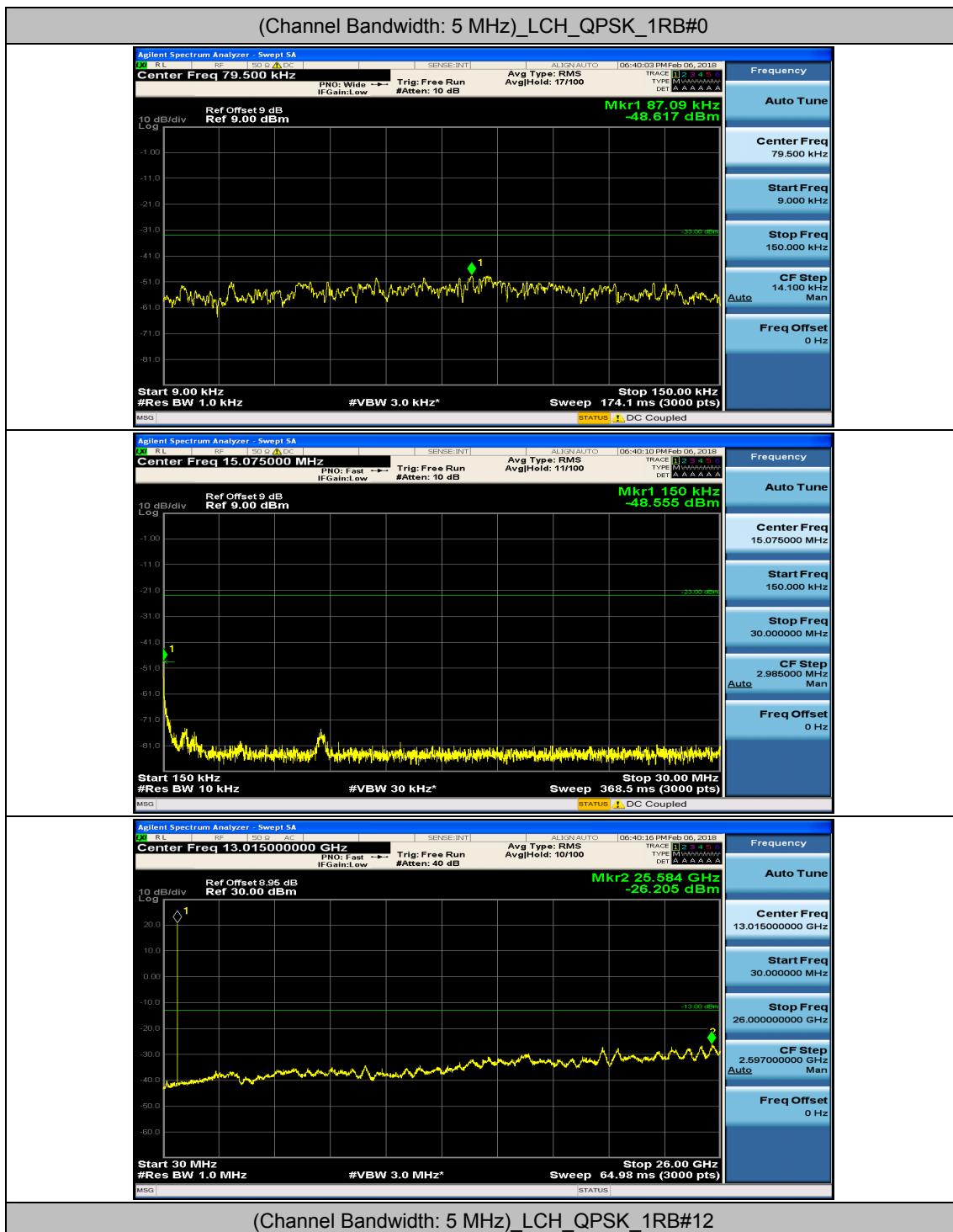
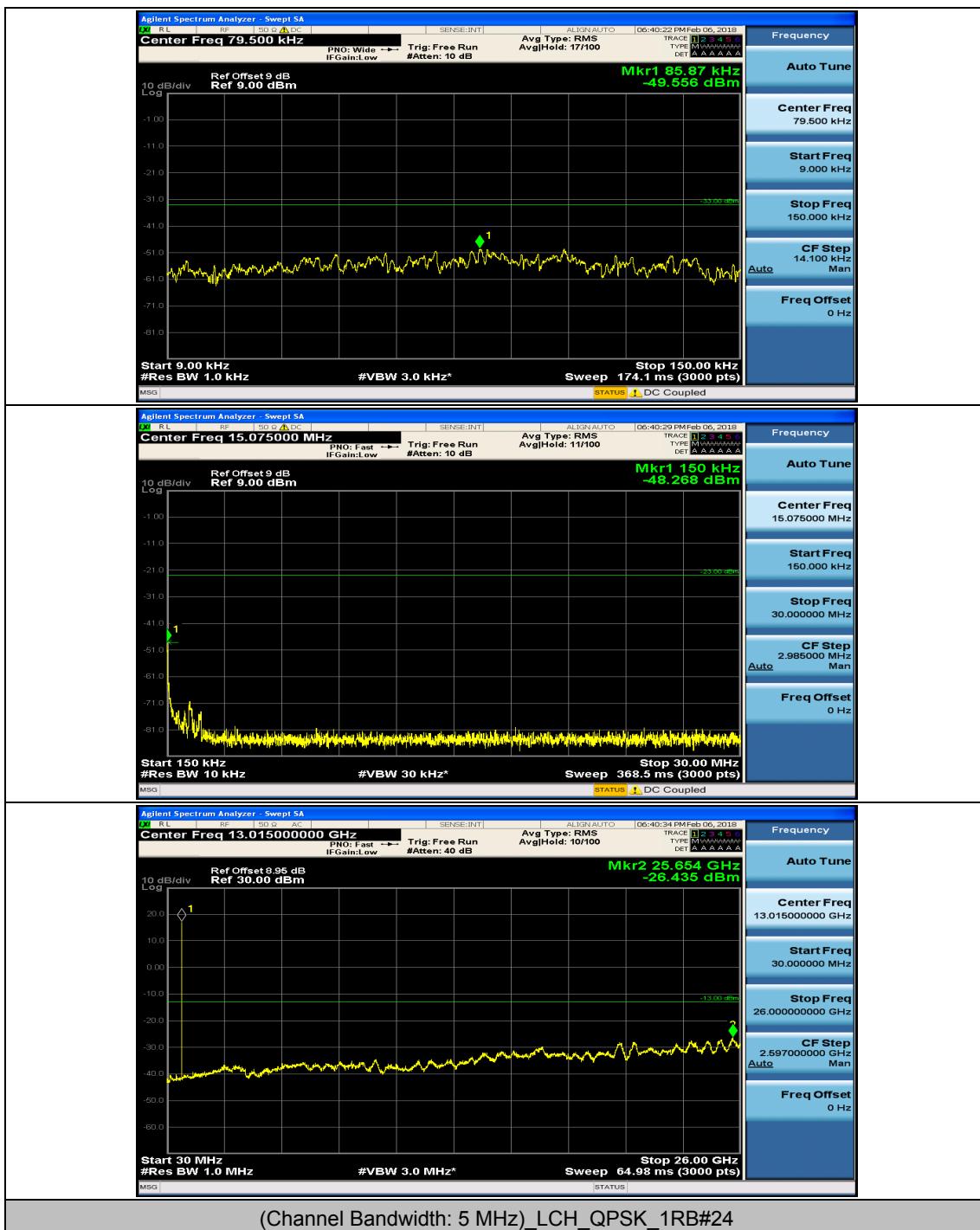
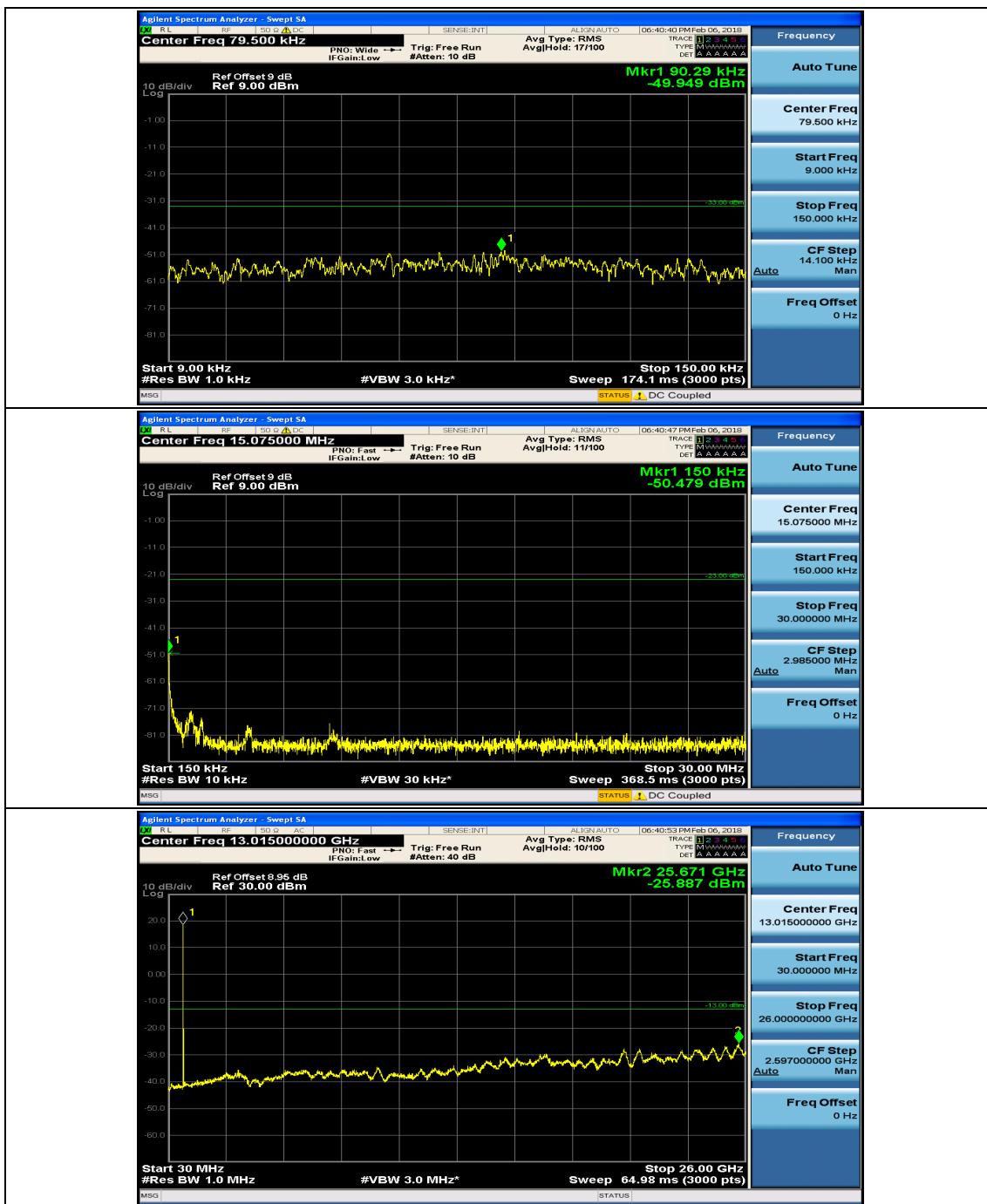
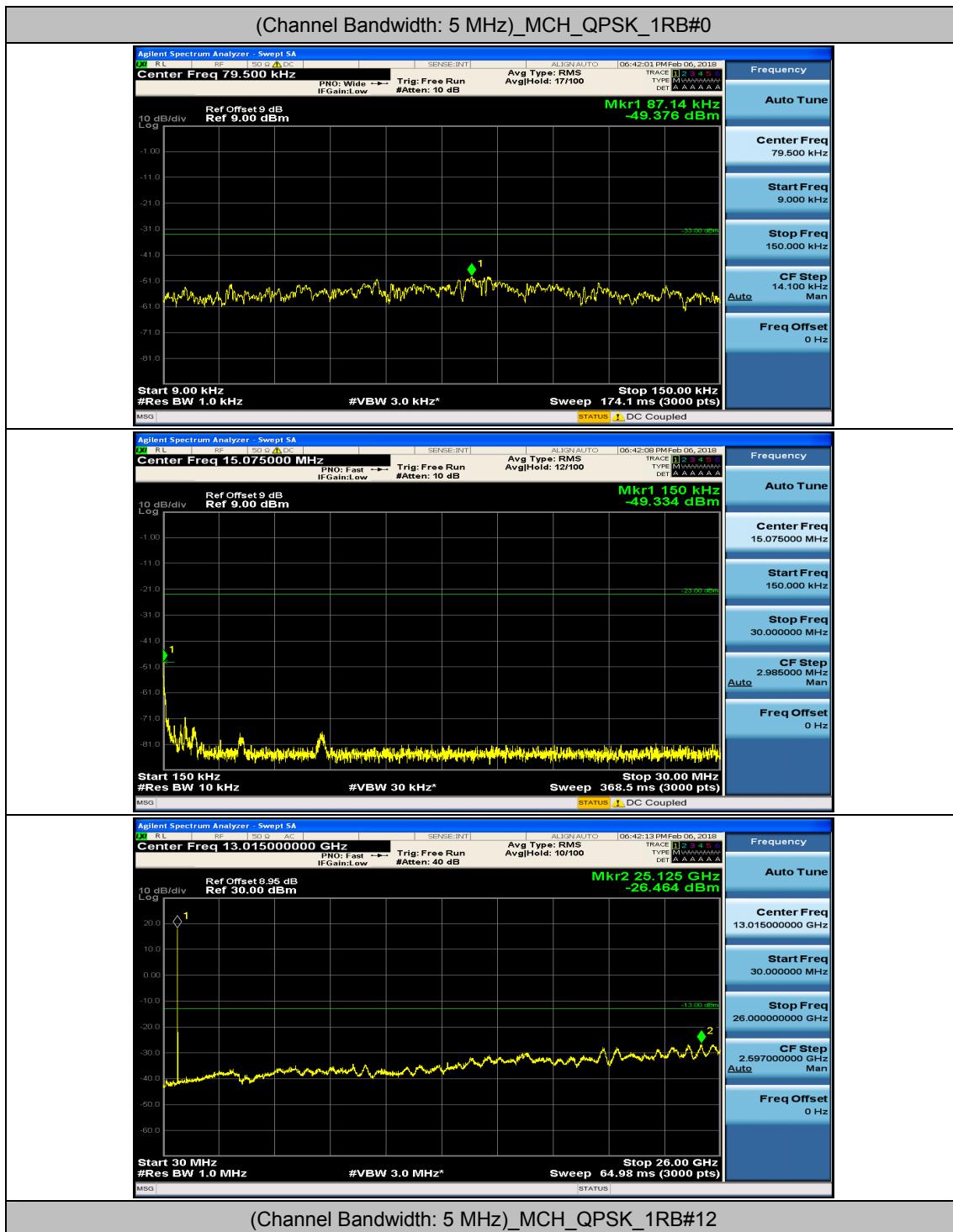


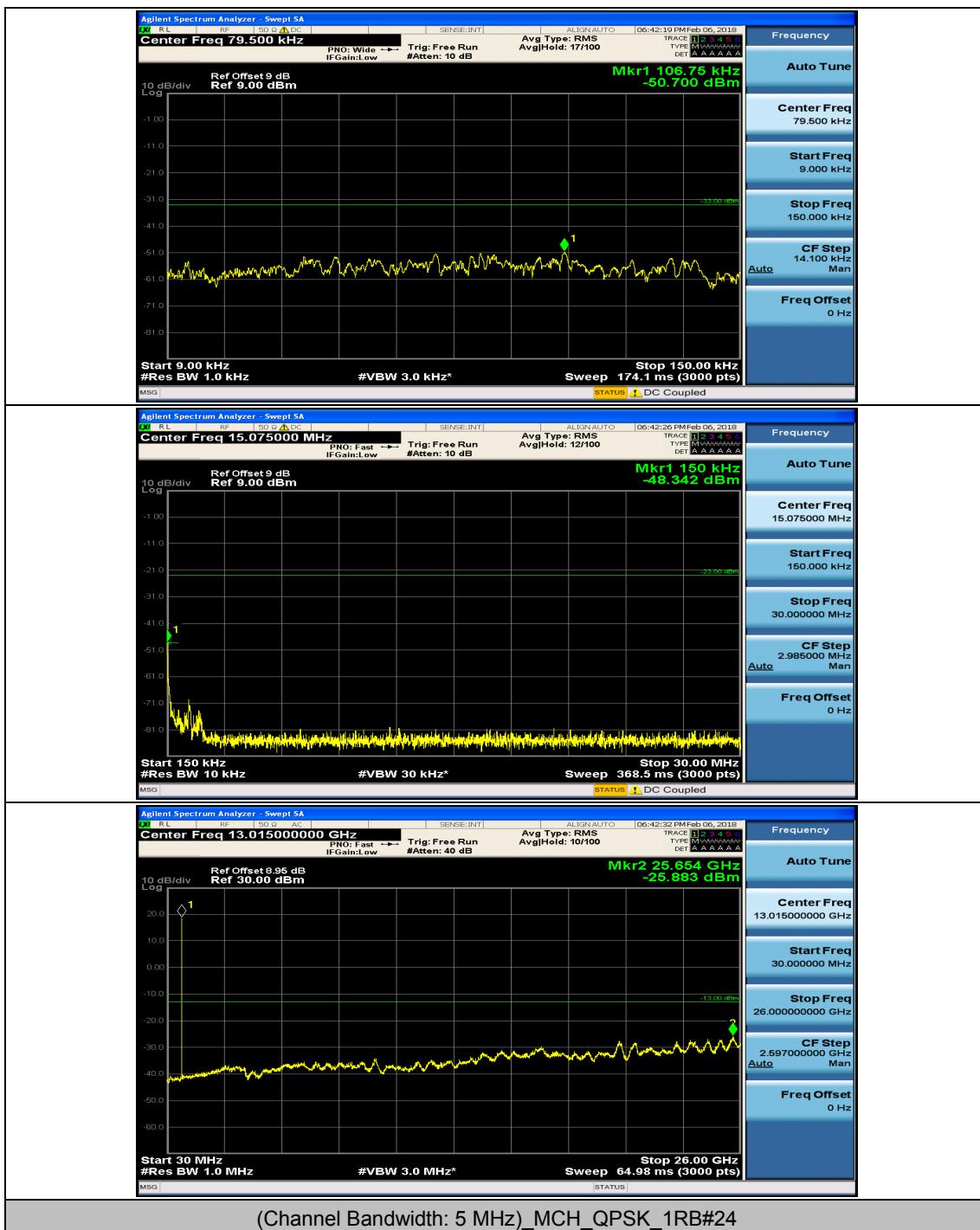
Channel Bandwidth: 5 MHz

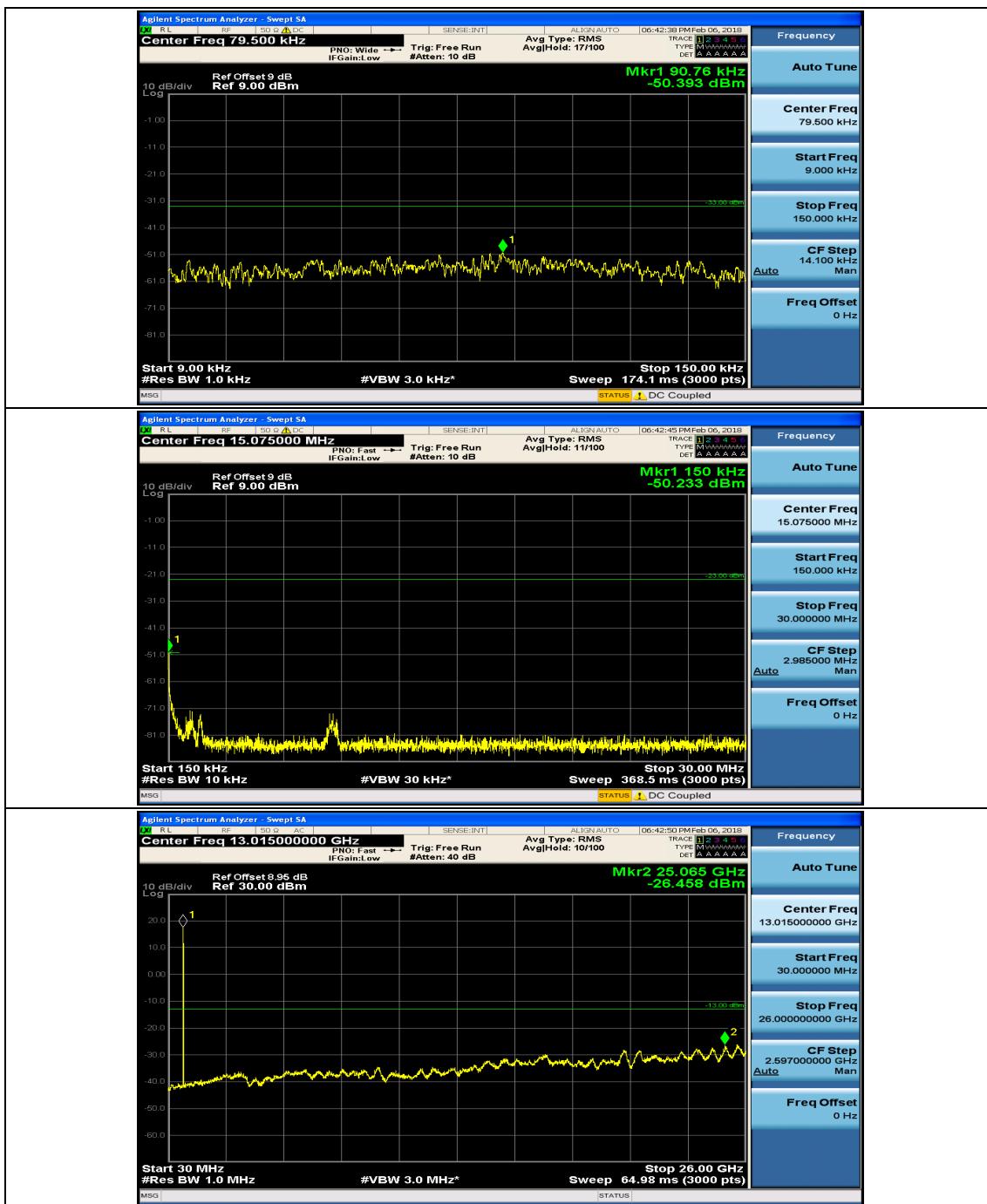


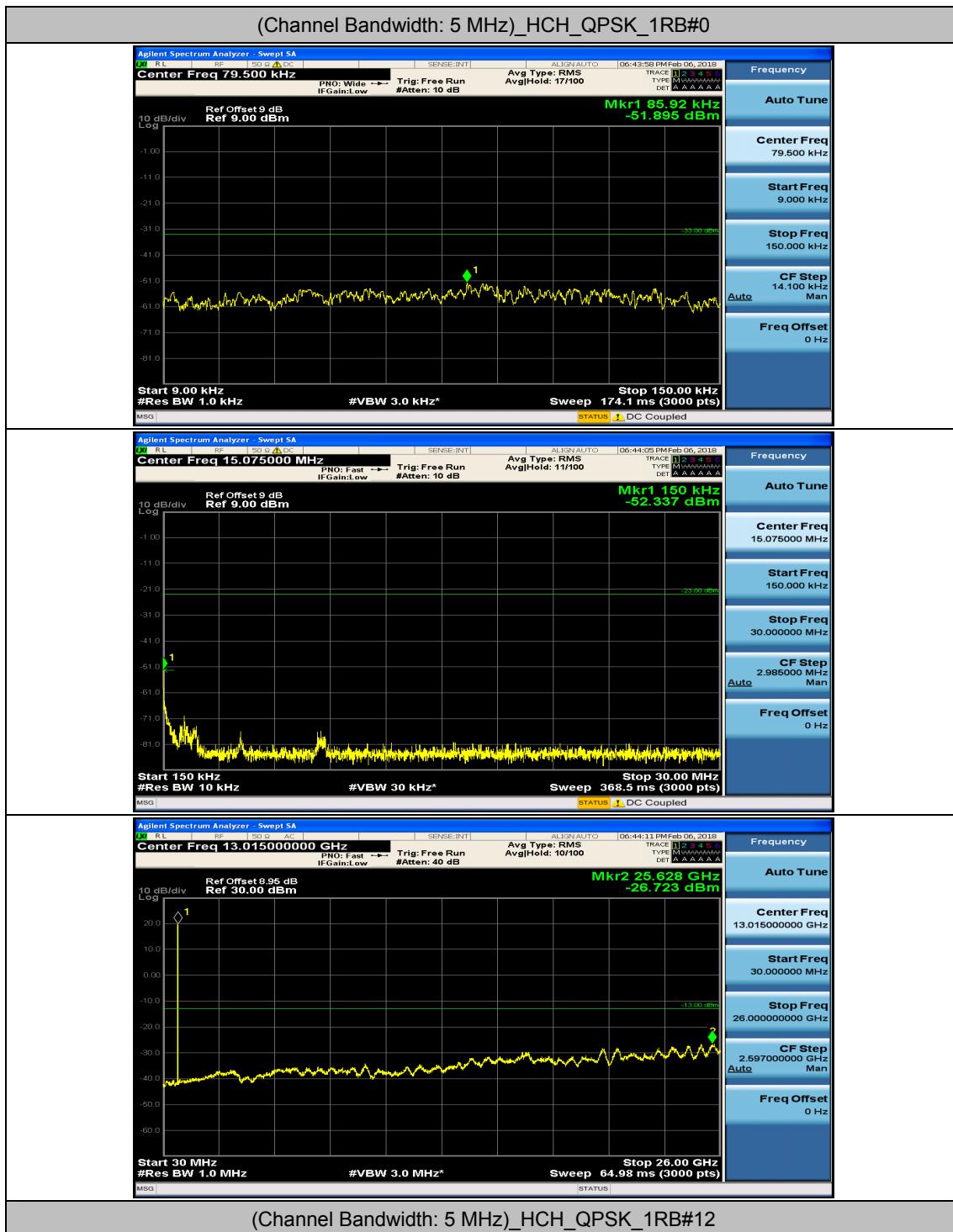


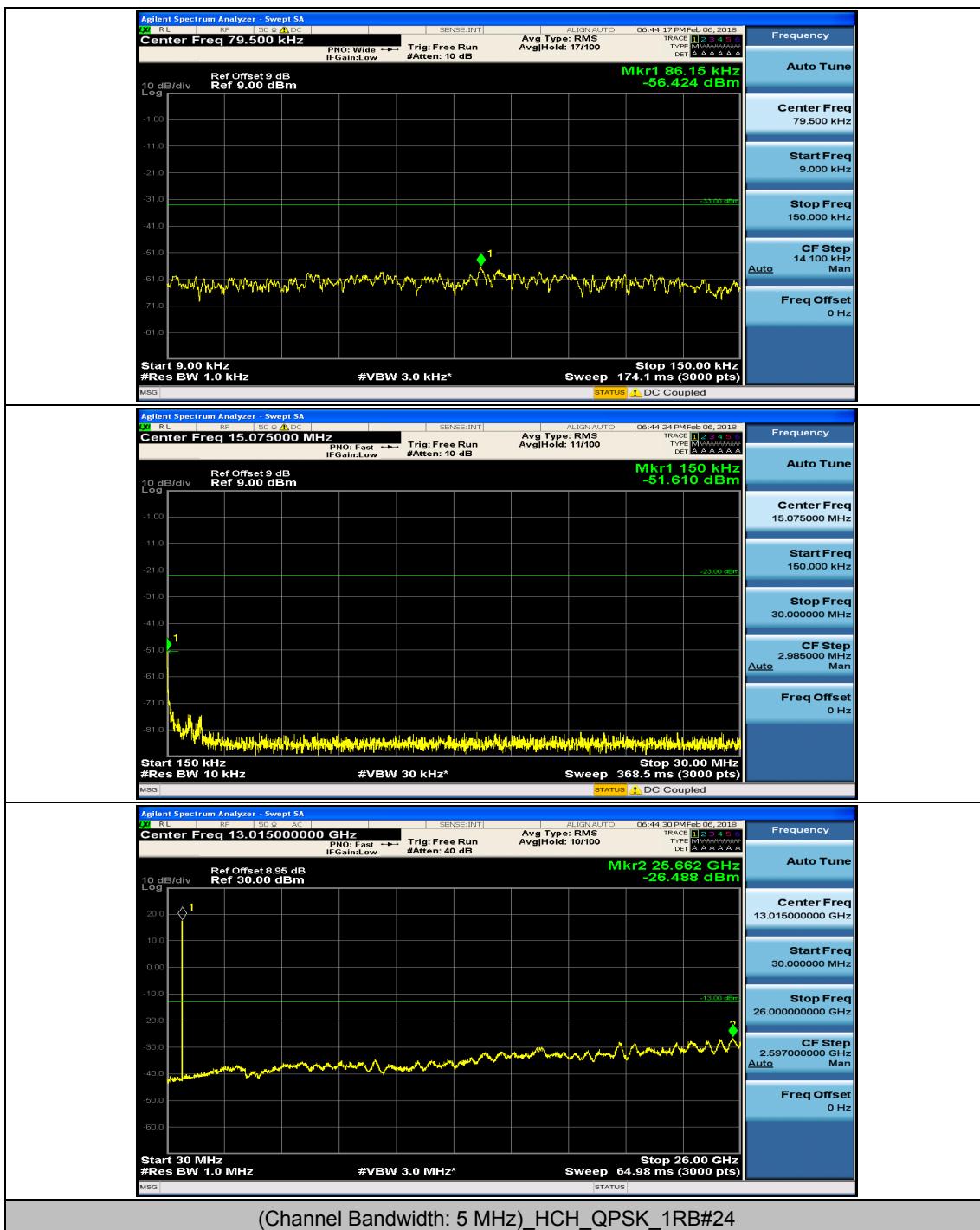


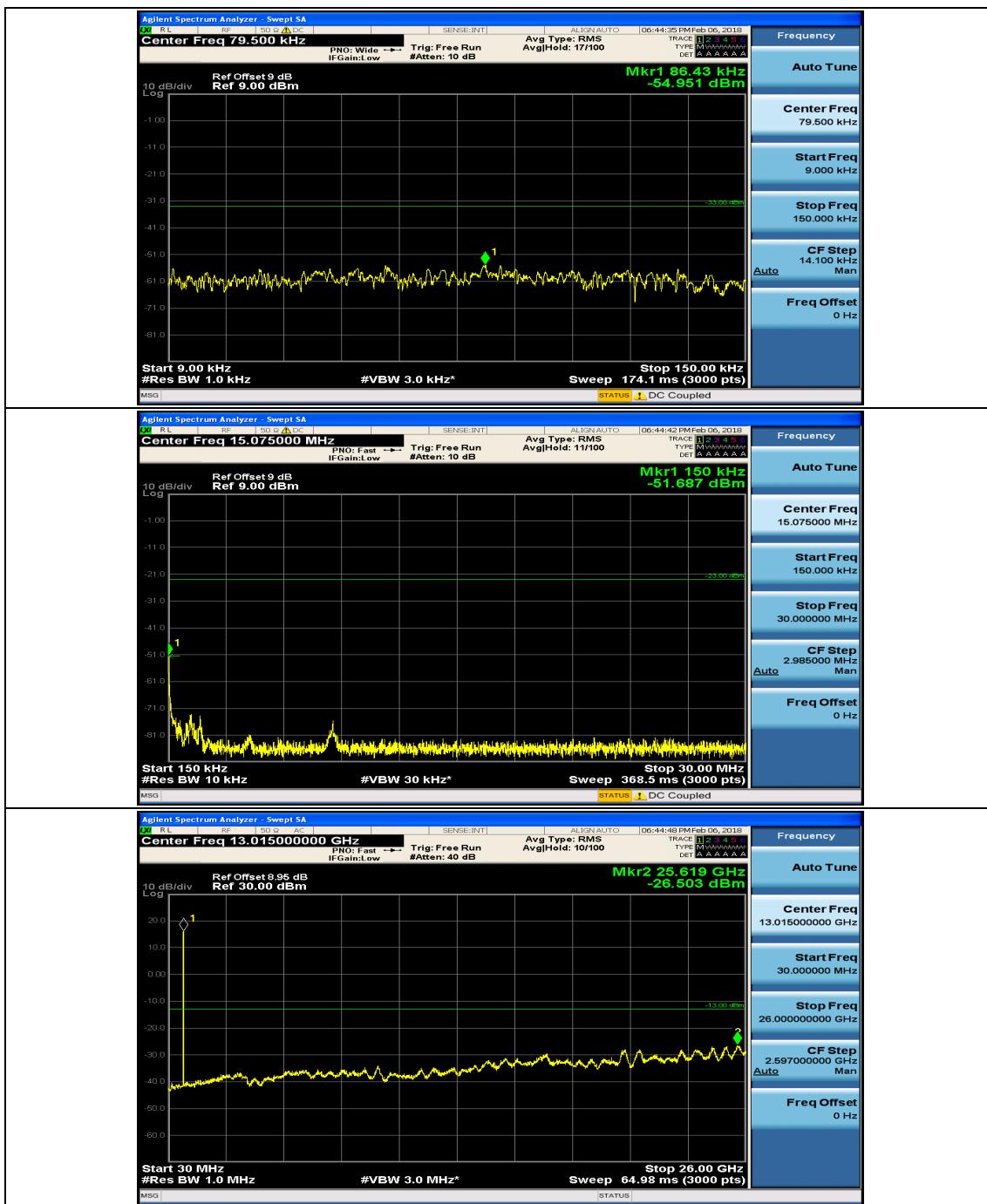


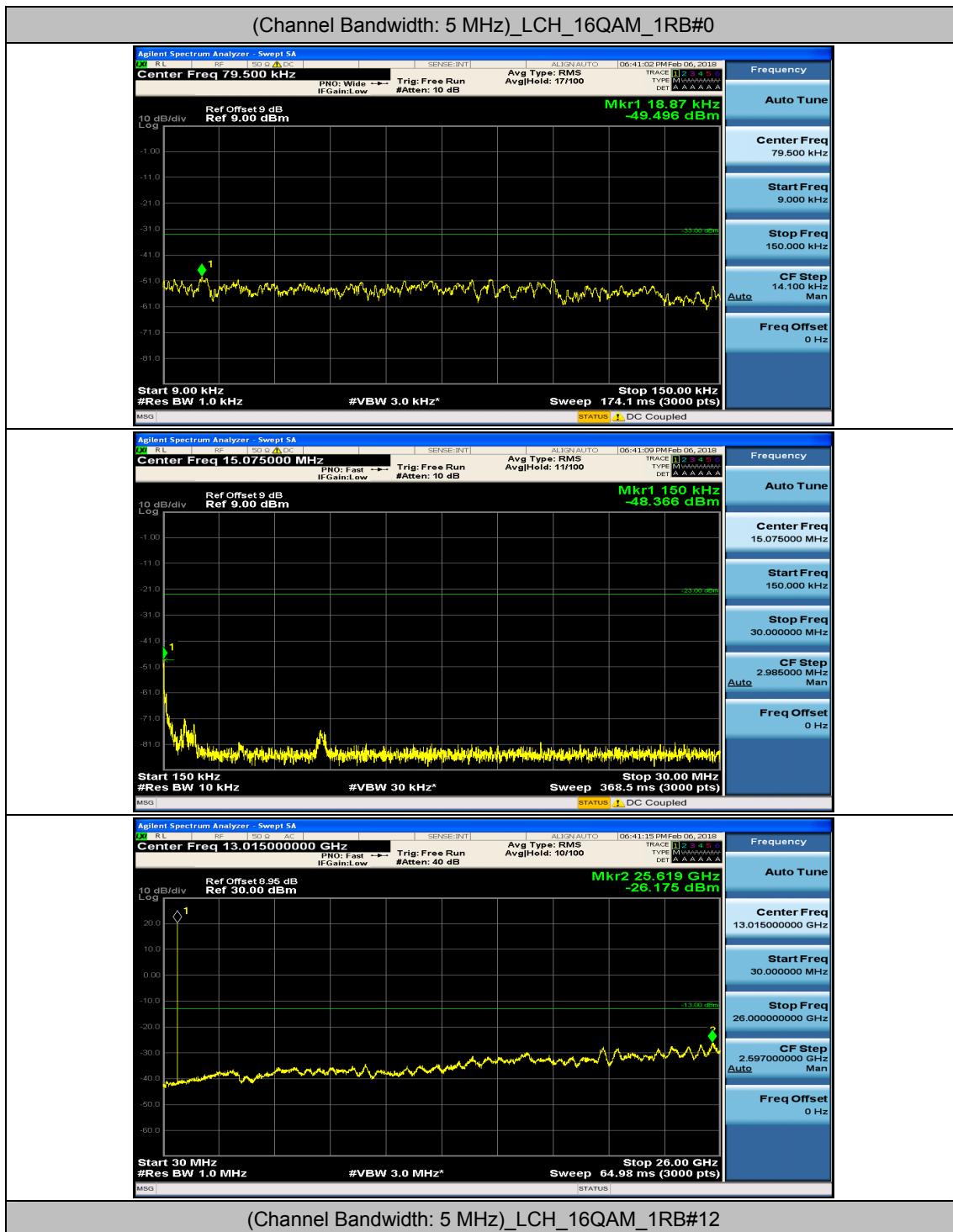


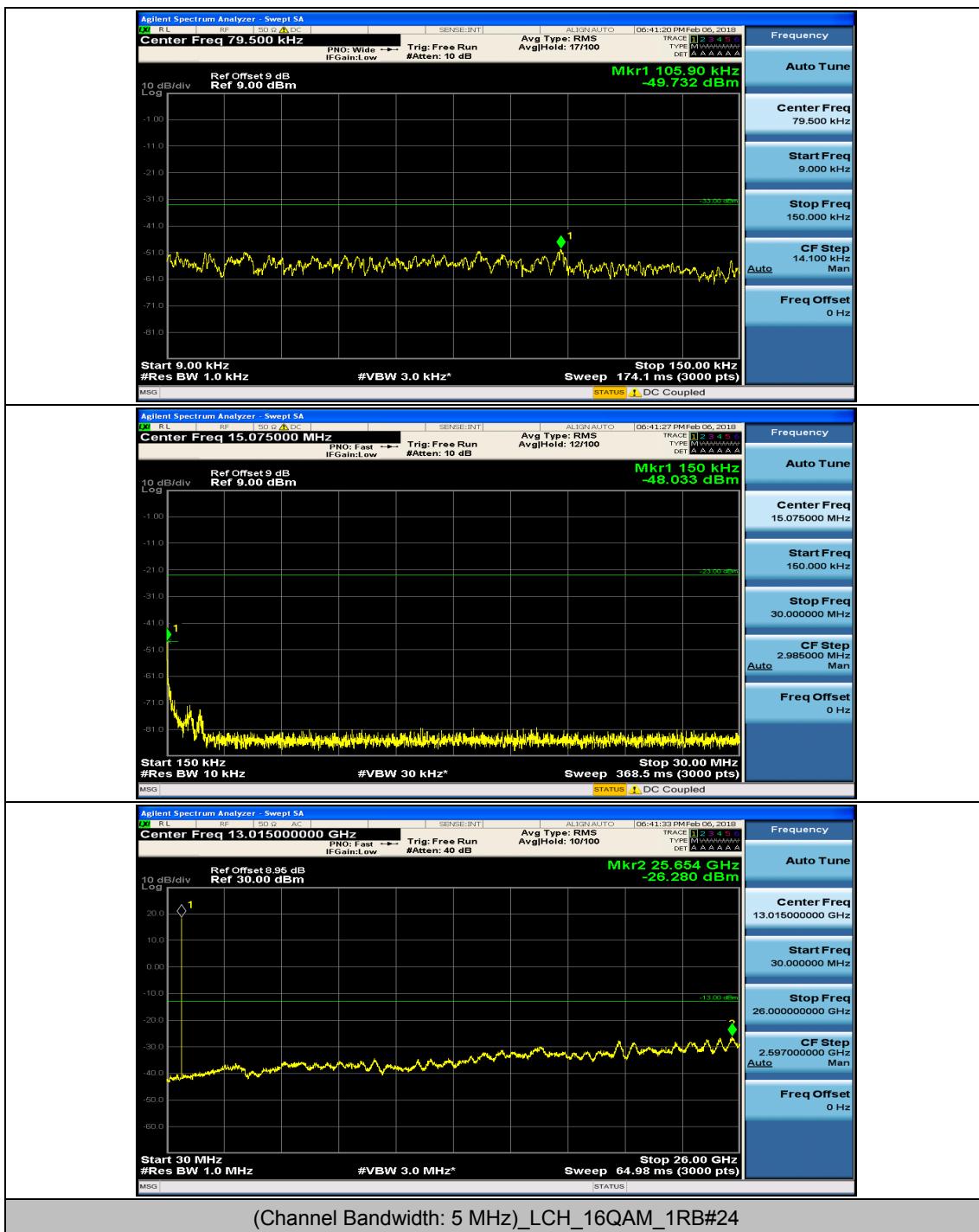


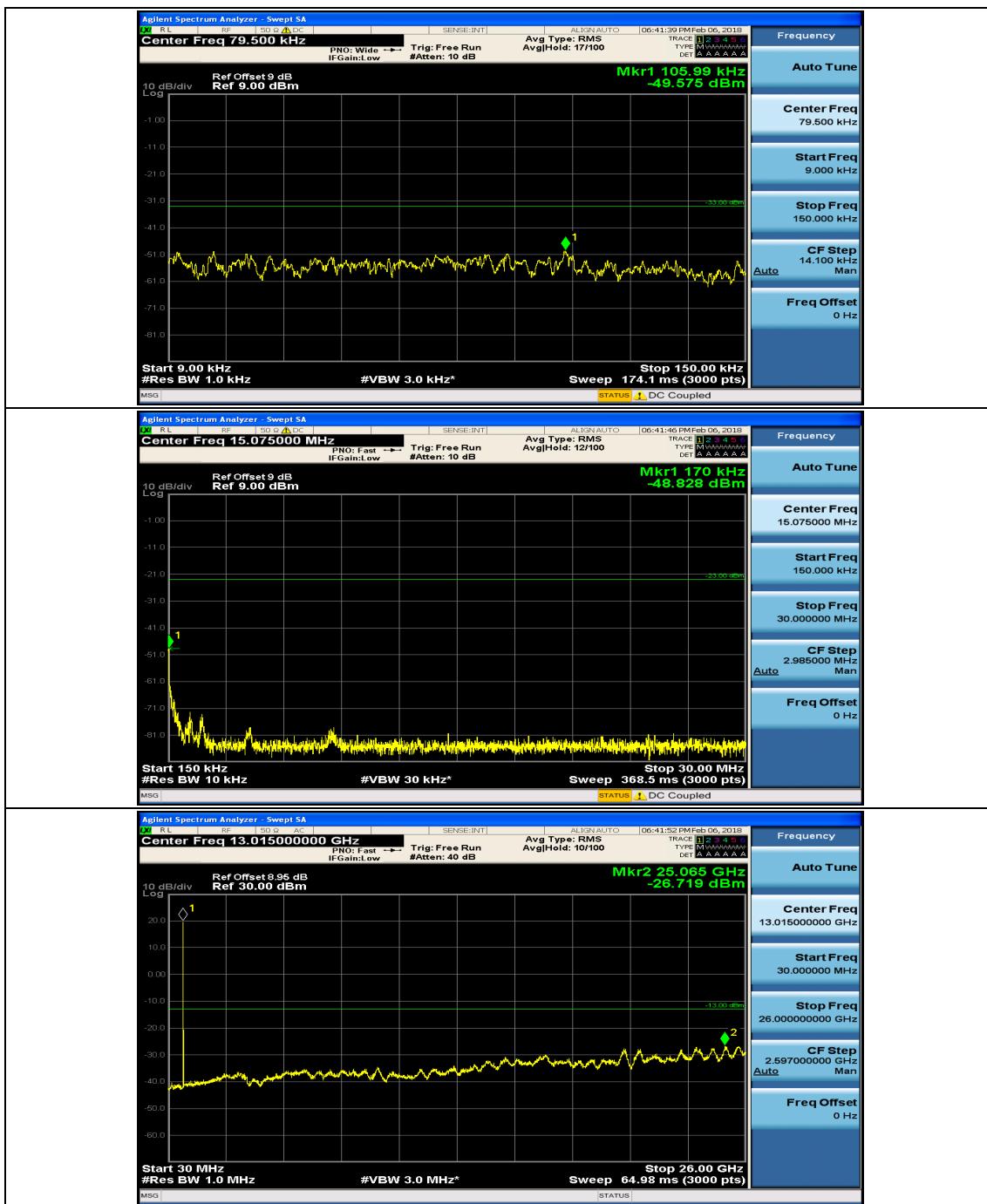


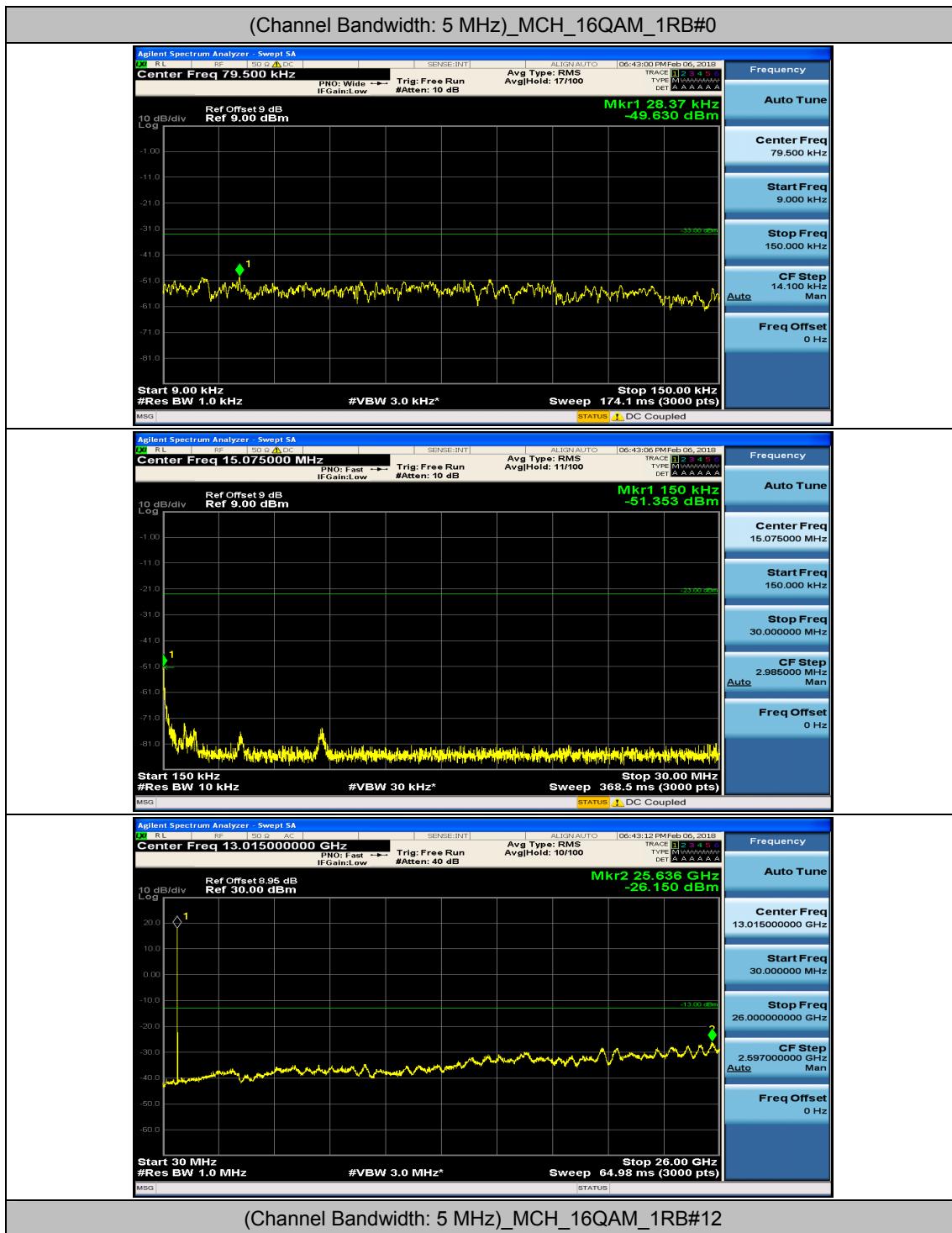


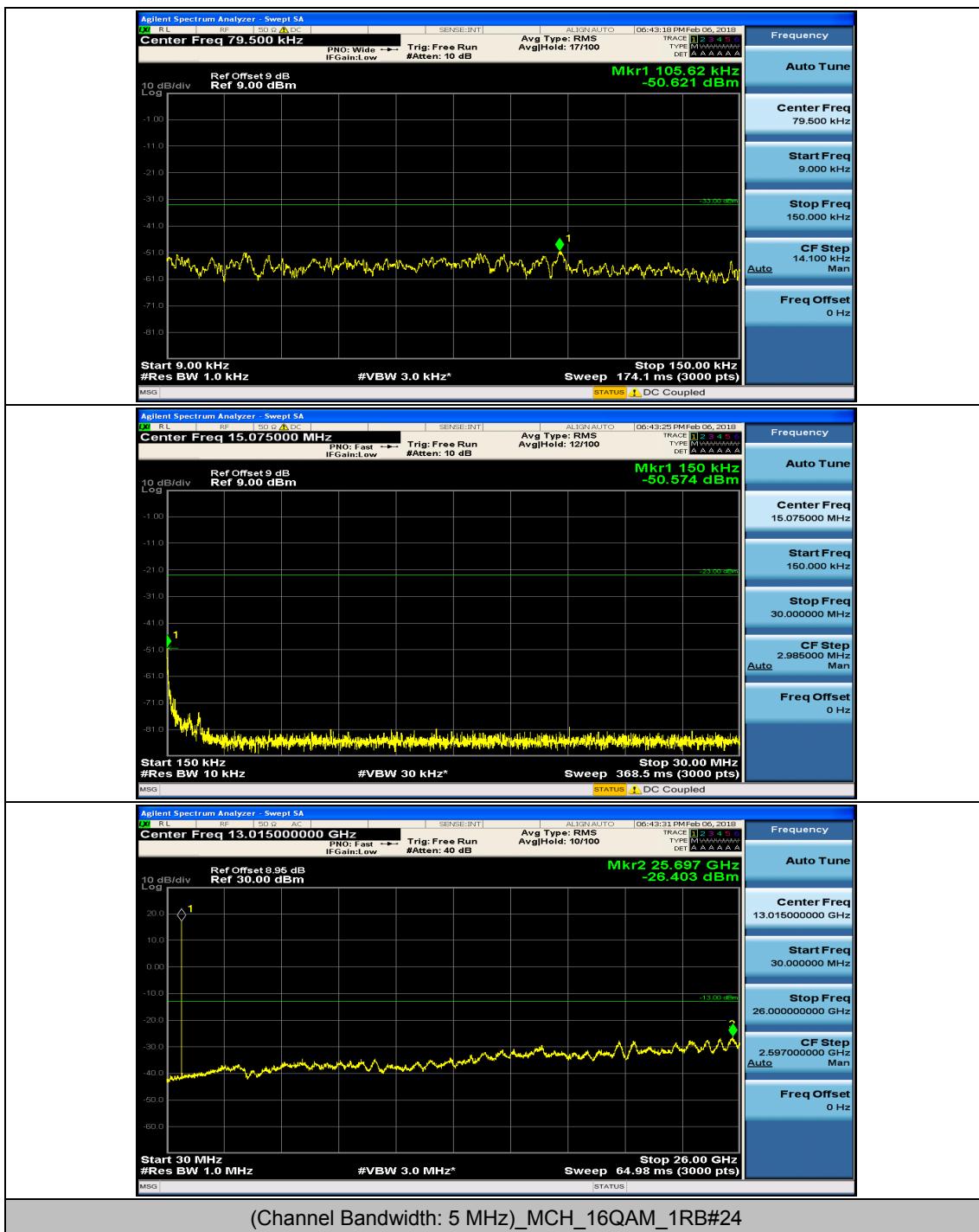


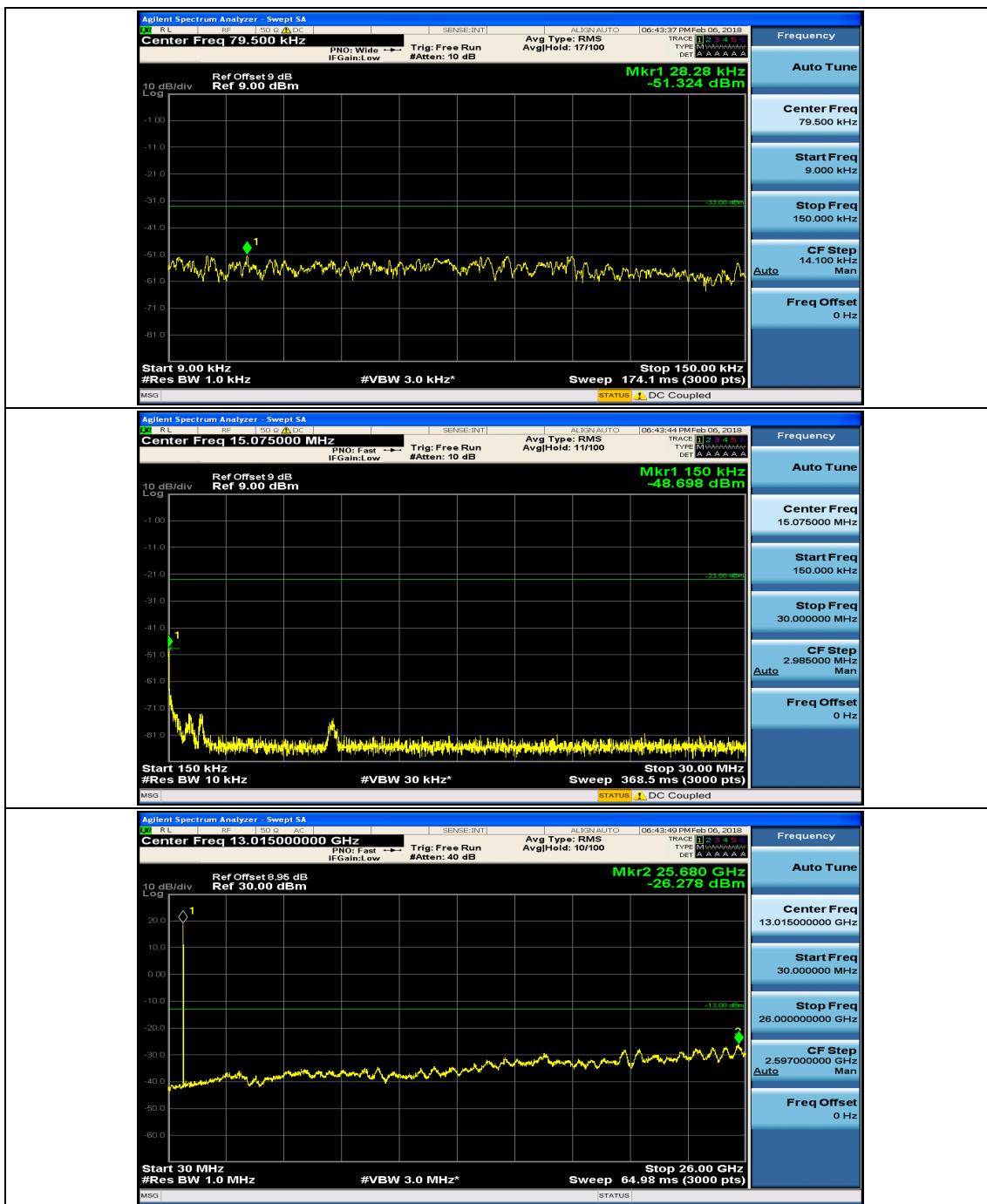


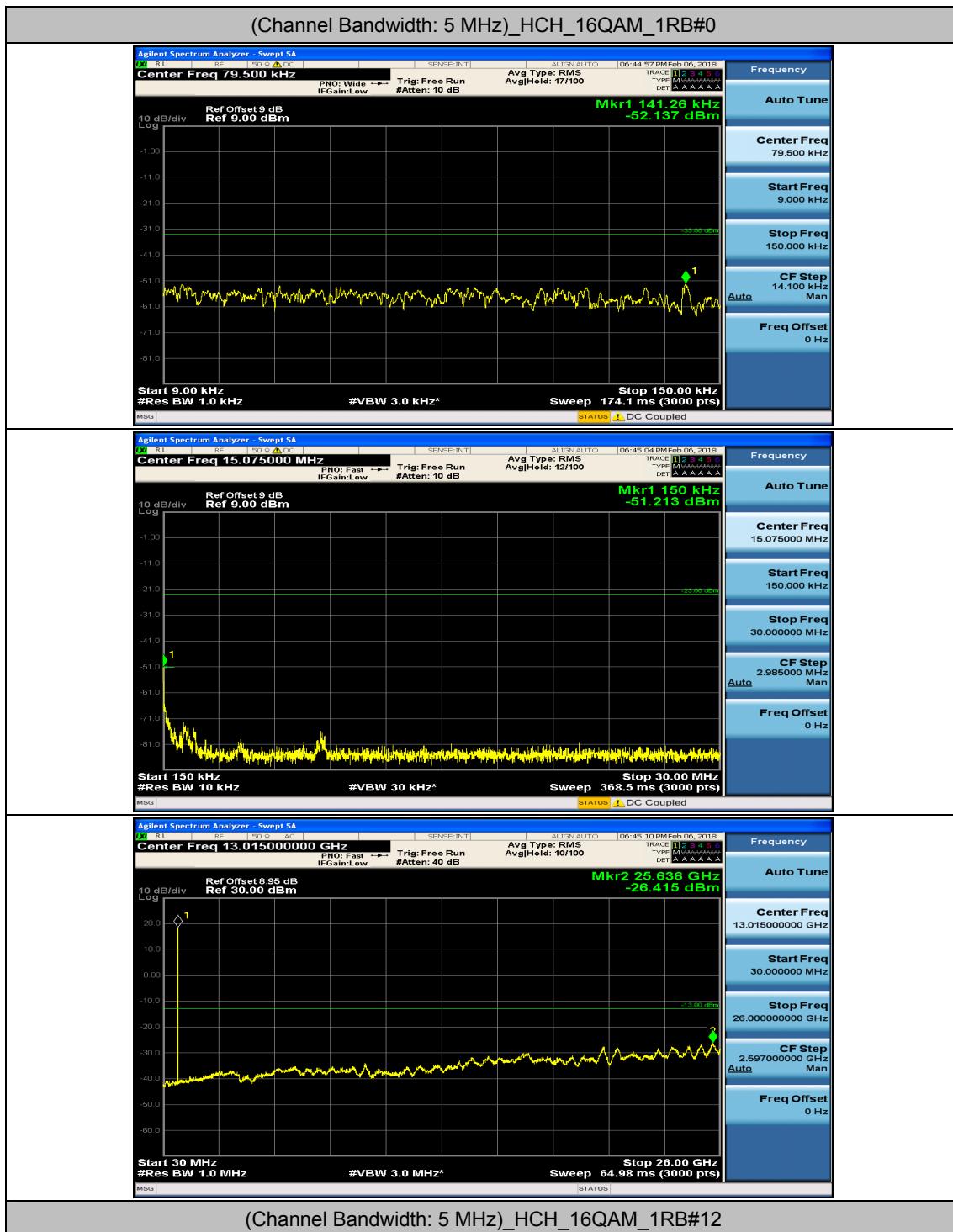


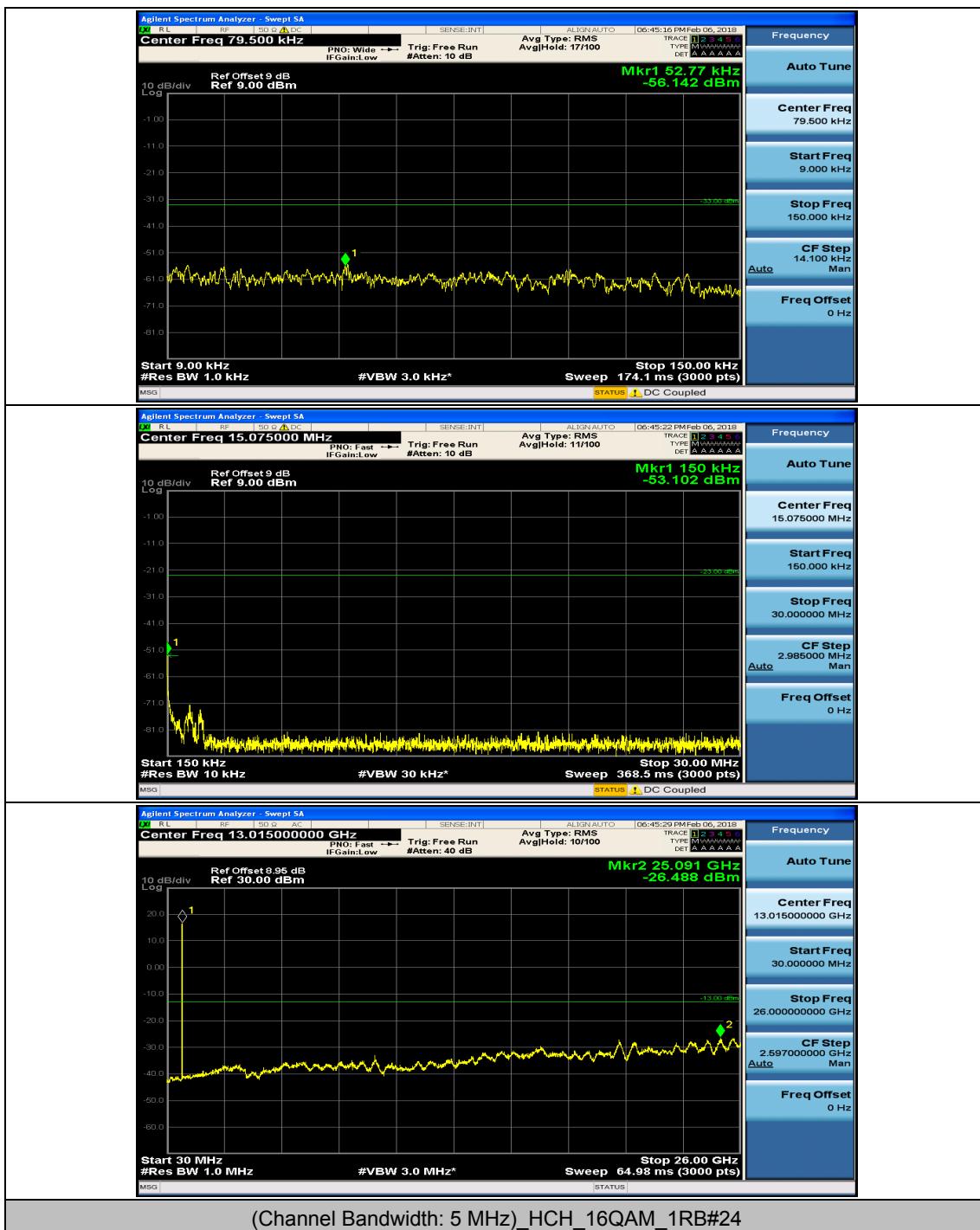


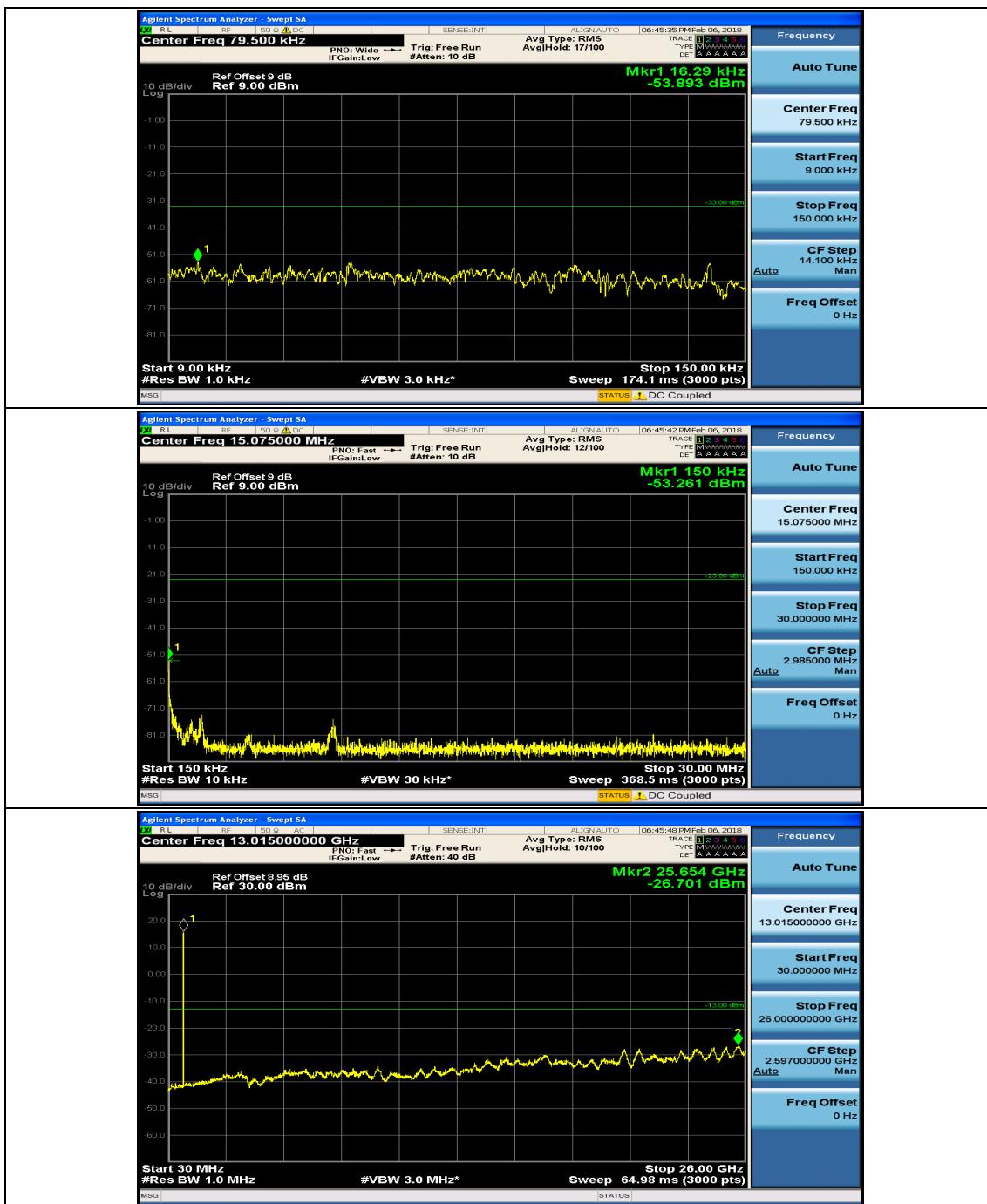




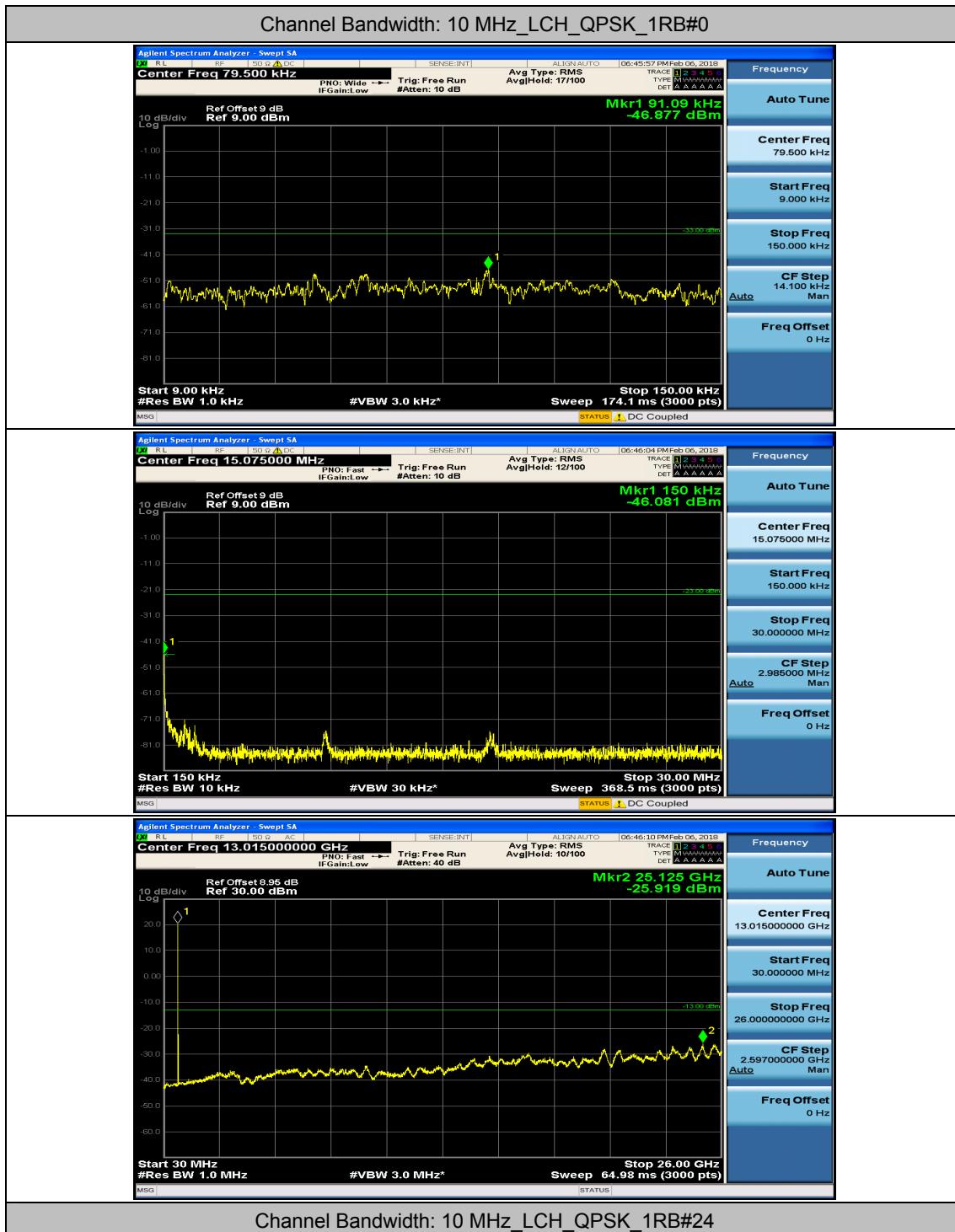


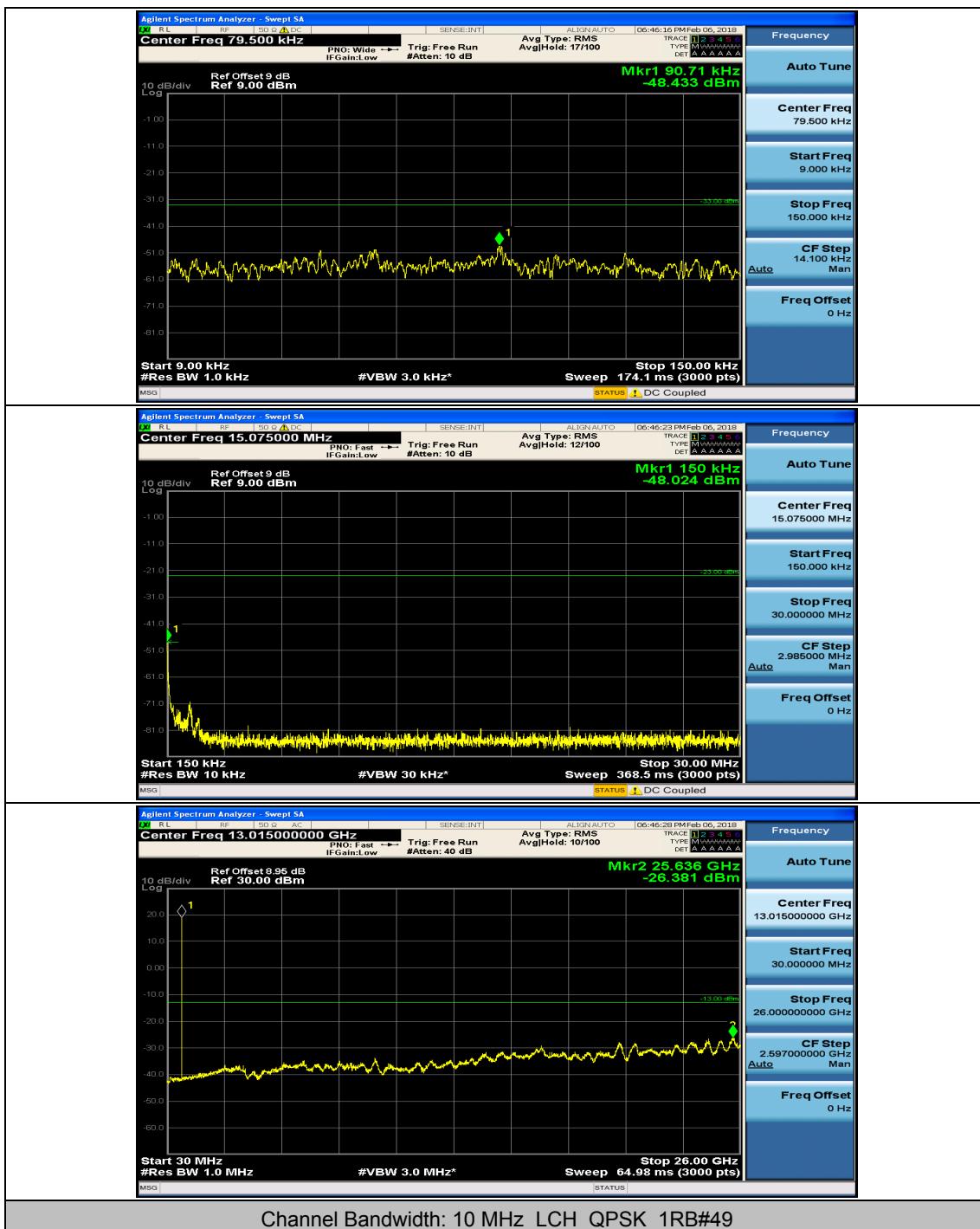


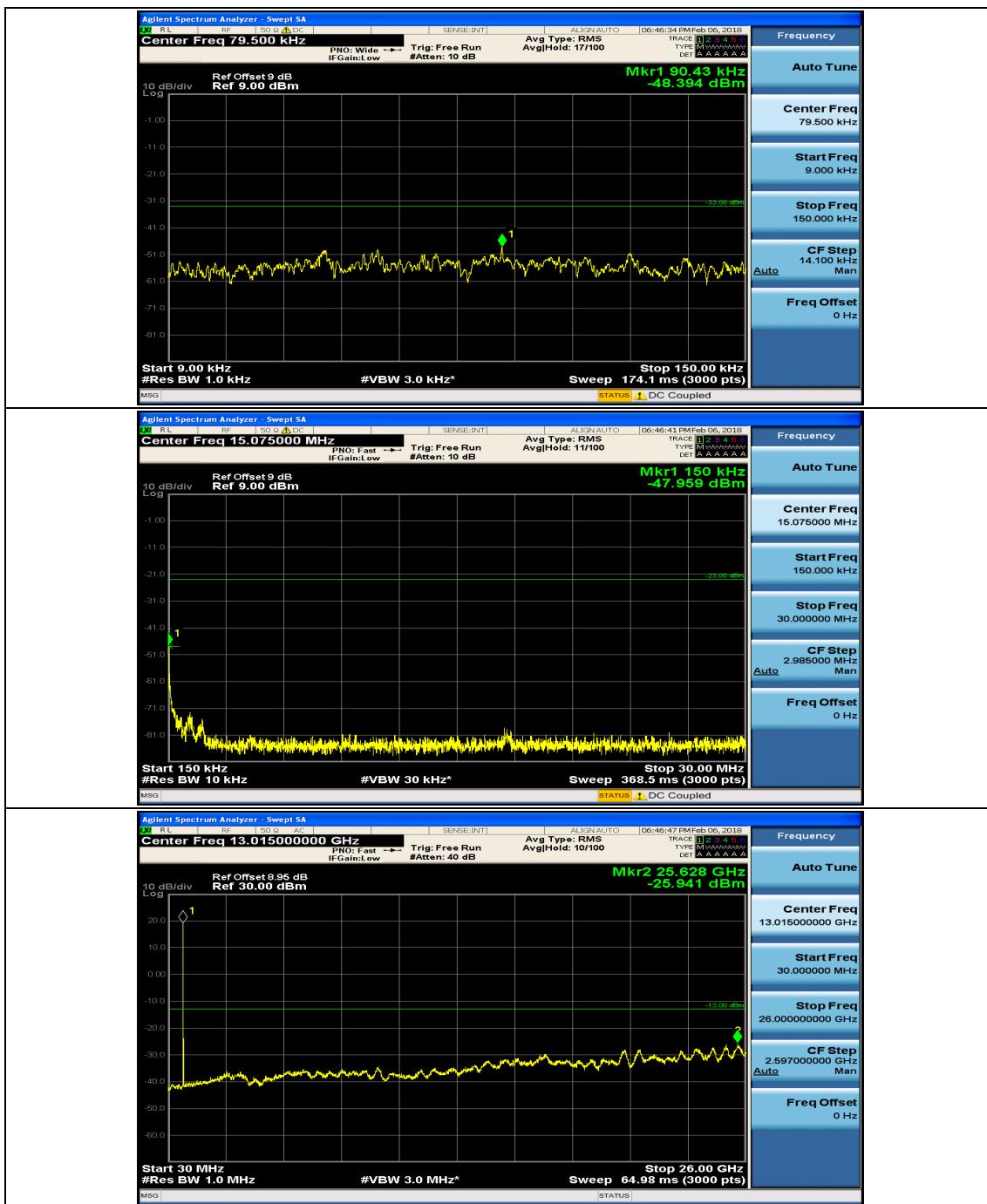


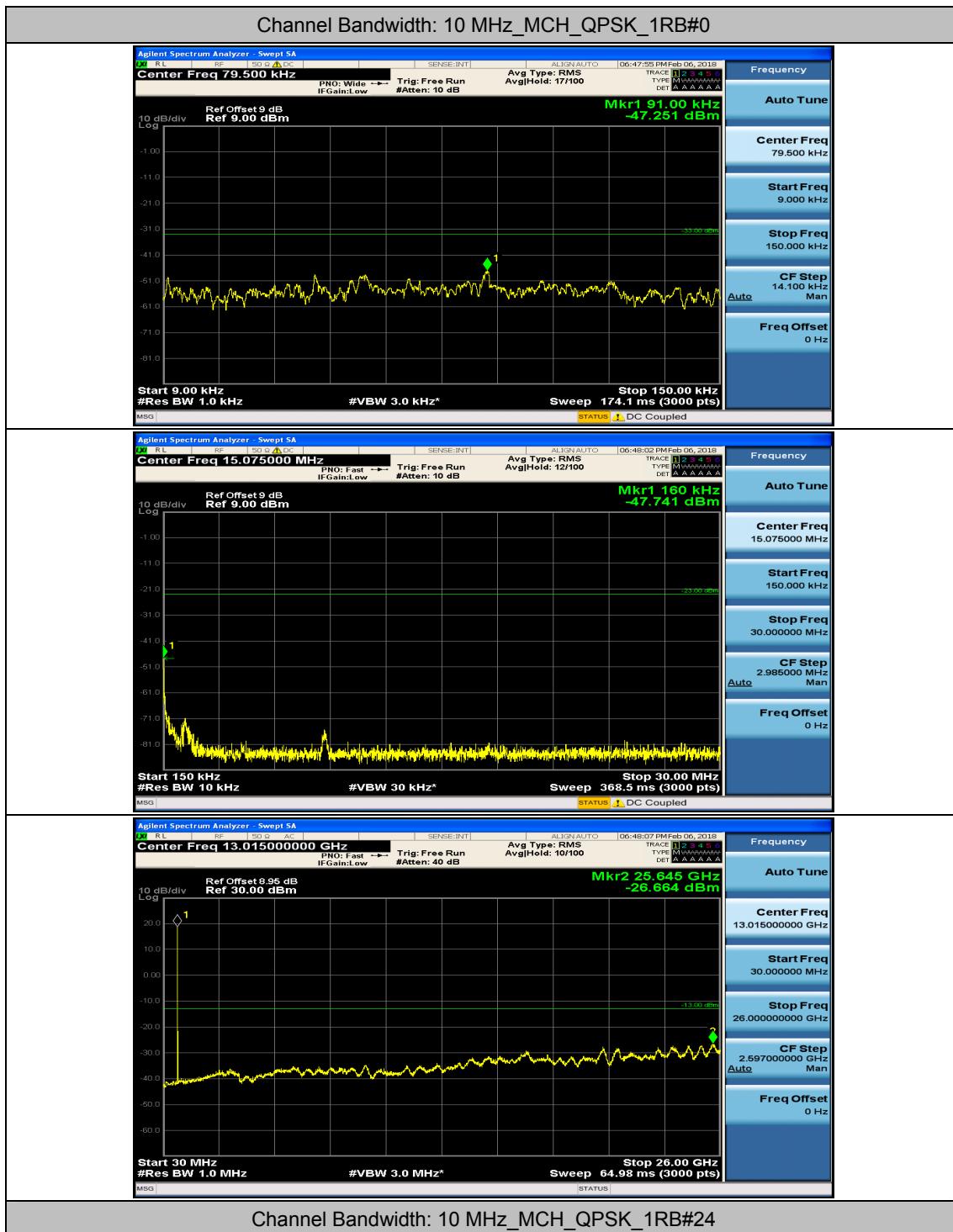


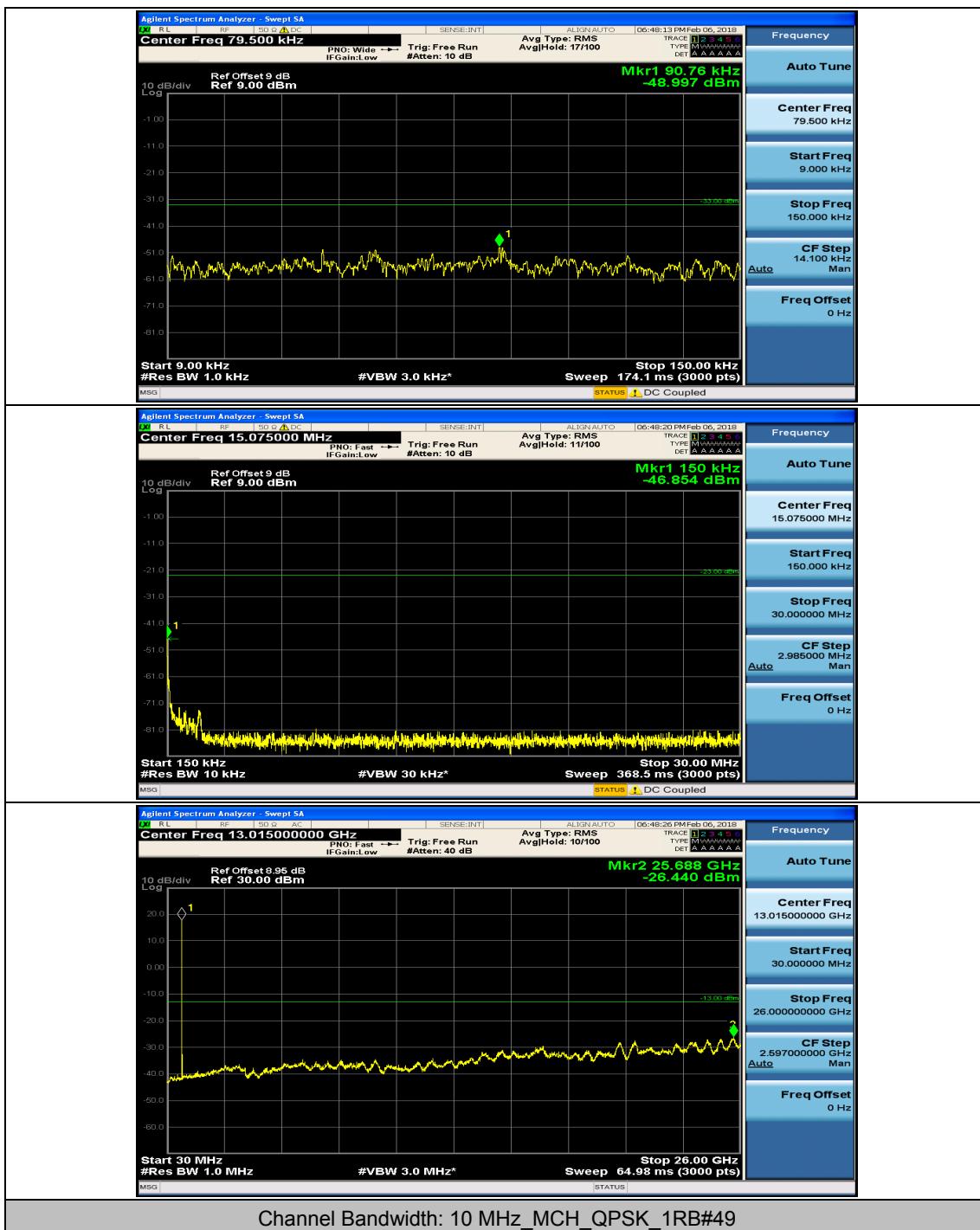
Channel Bandwidth: 10 MHz

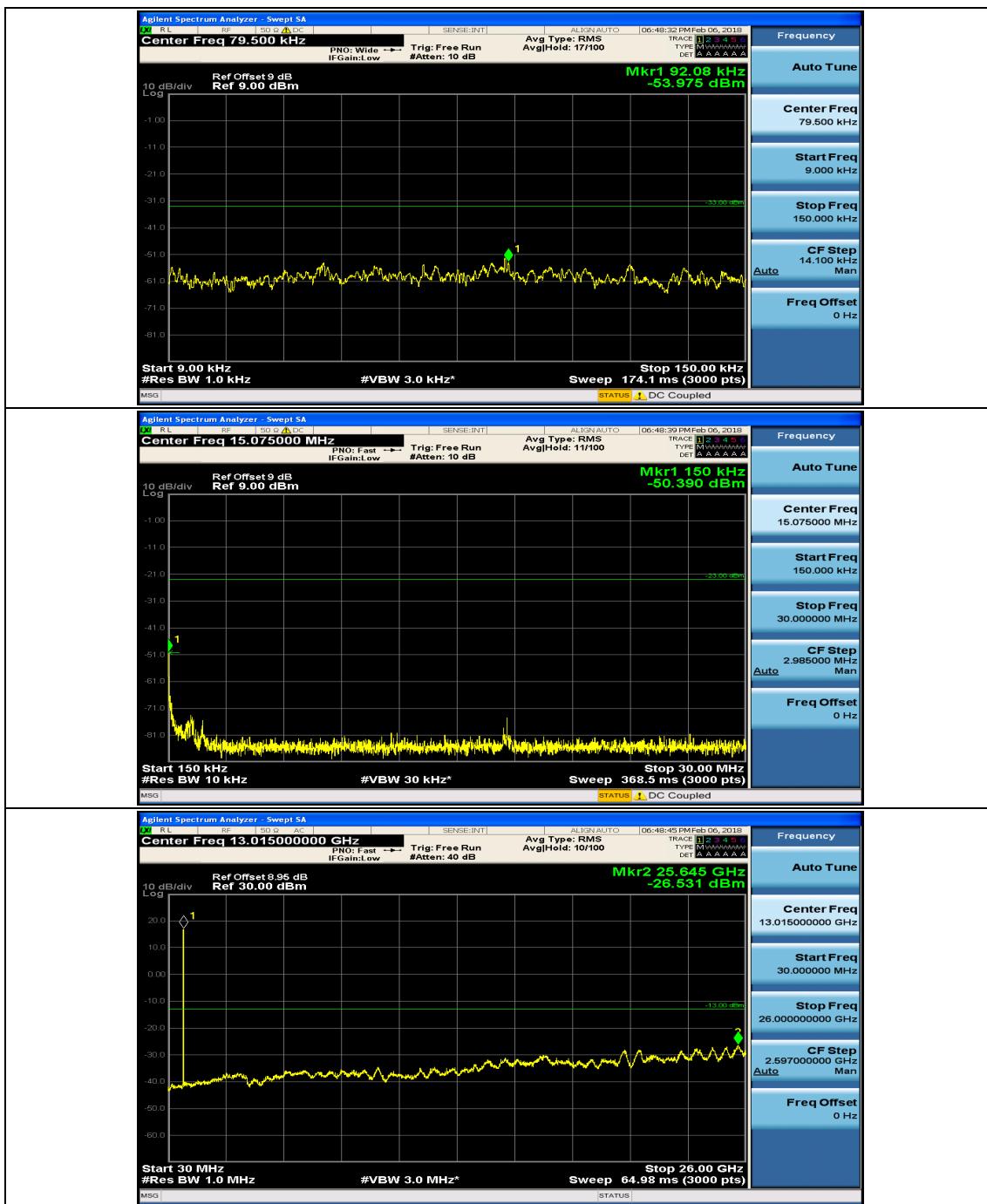


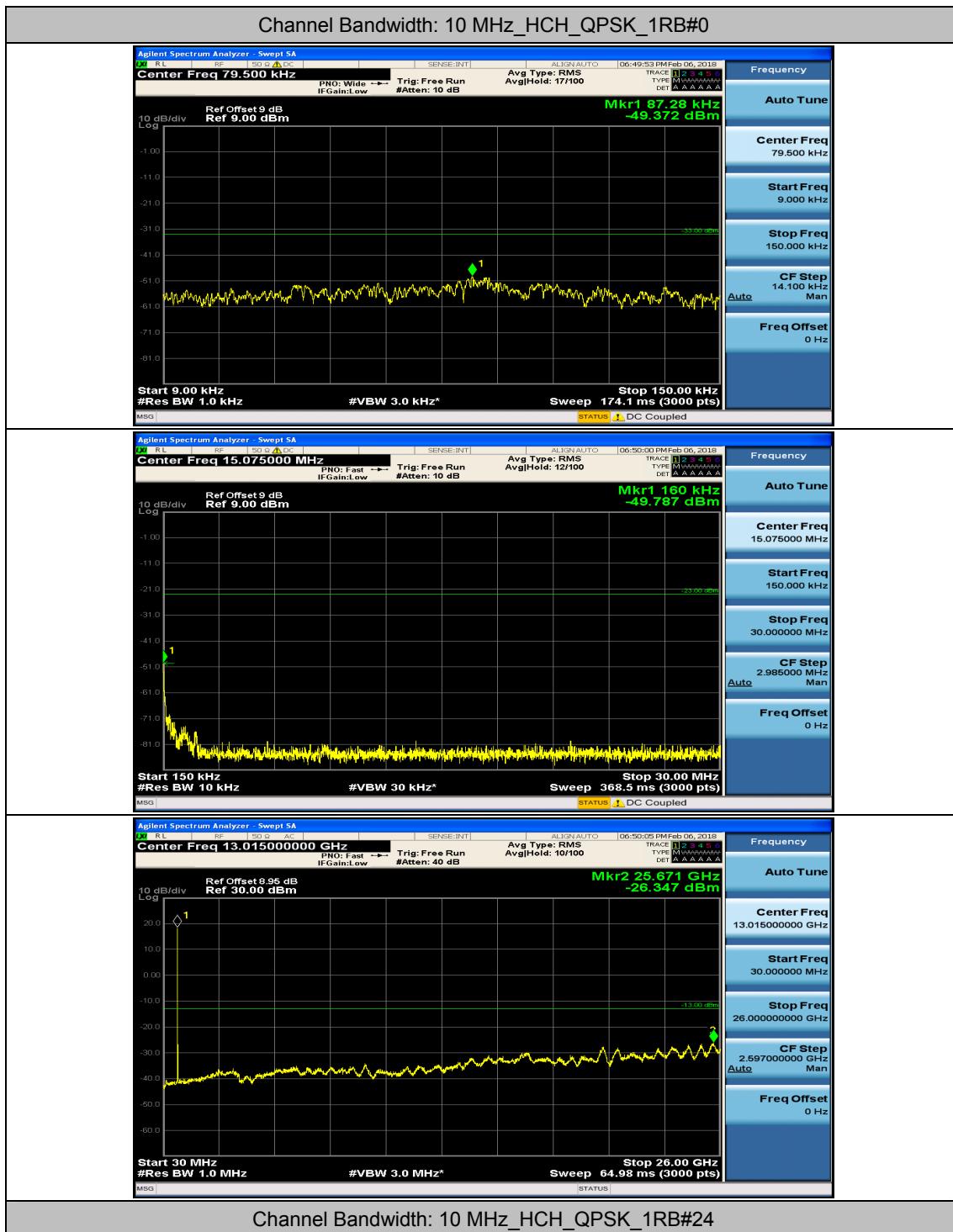


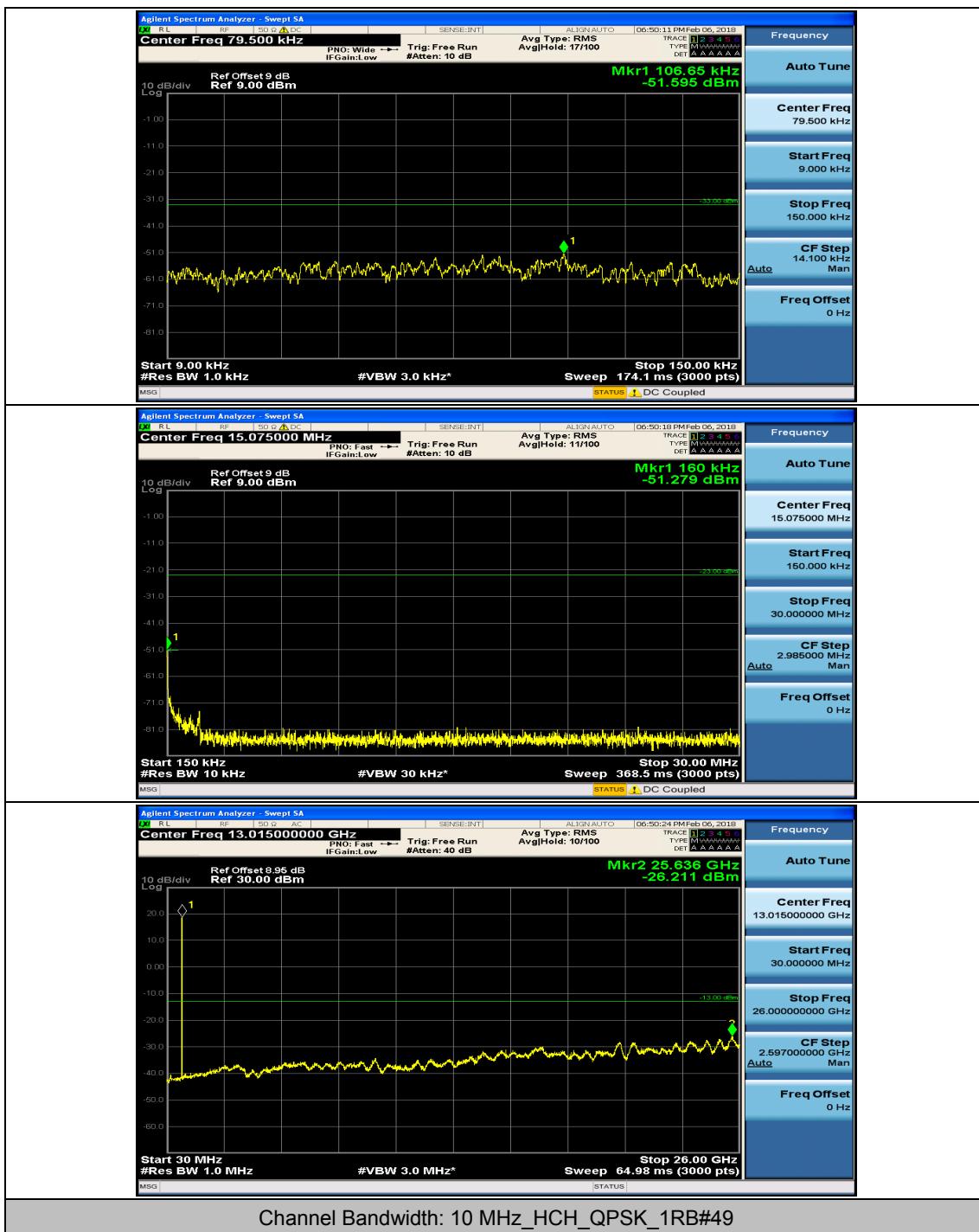


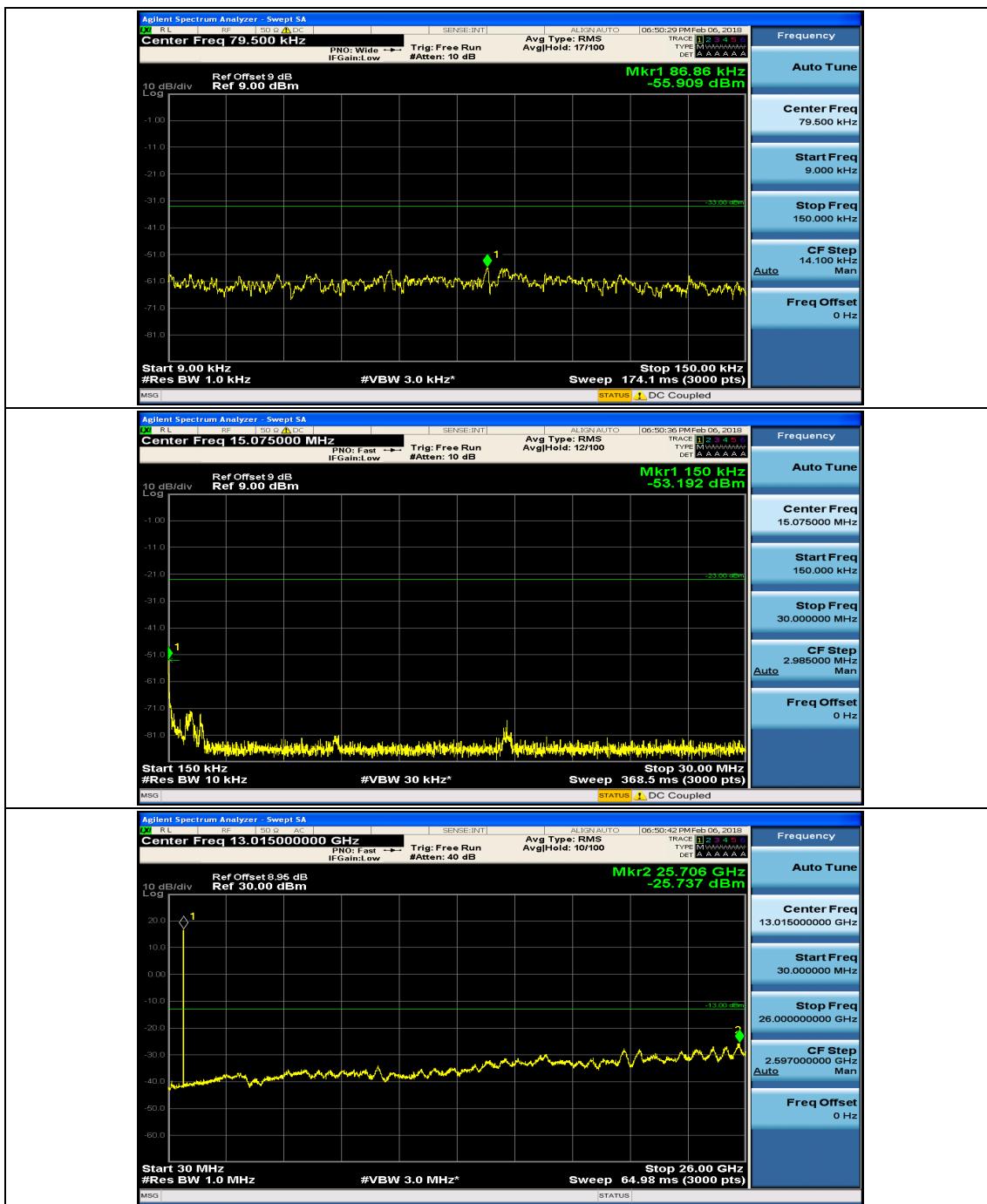


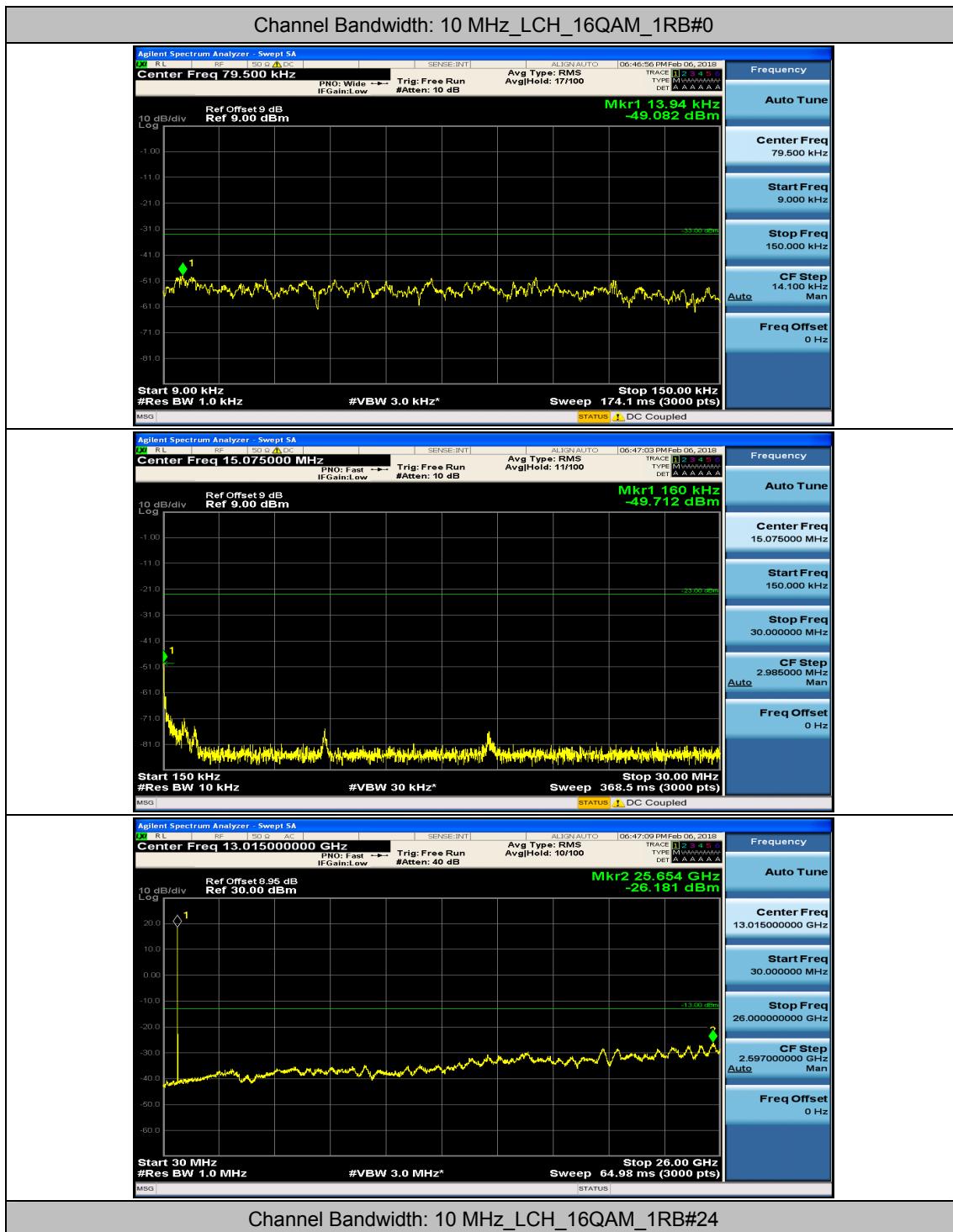


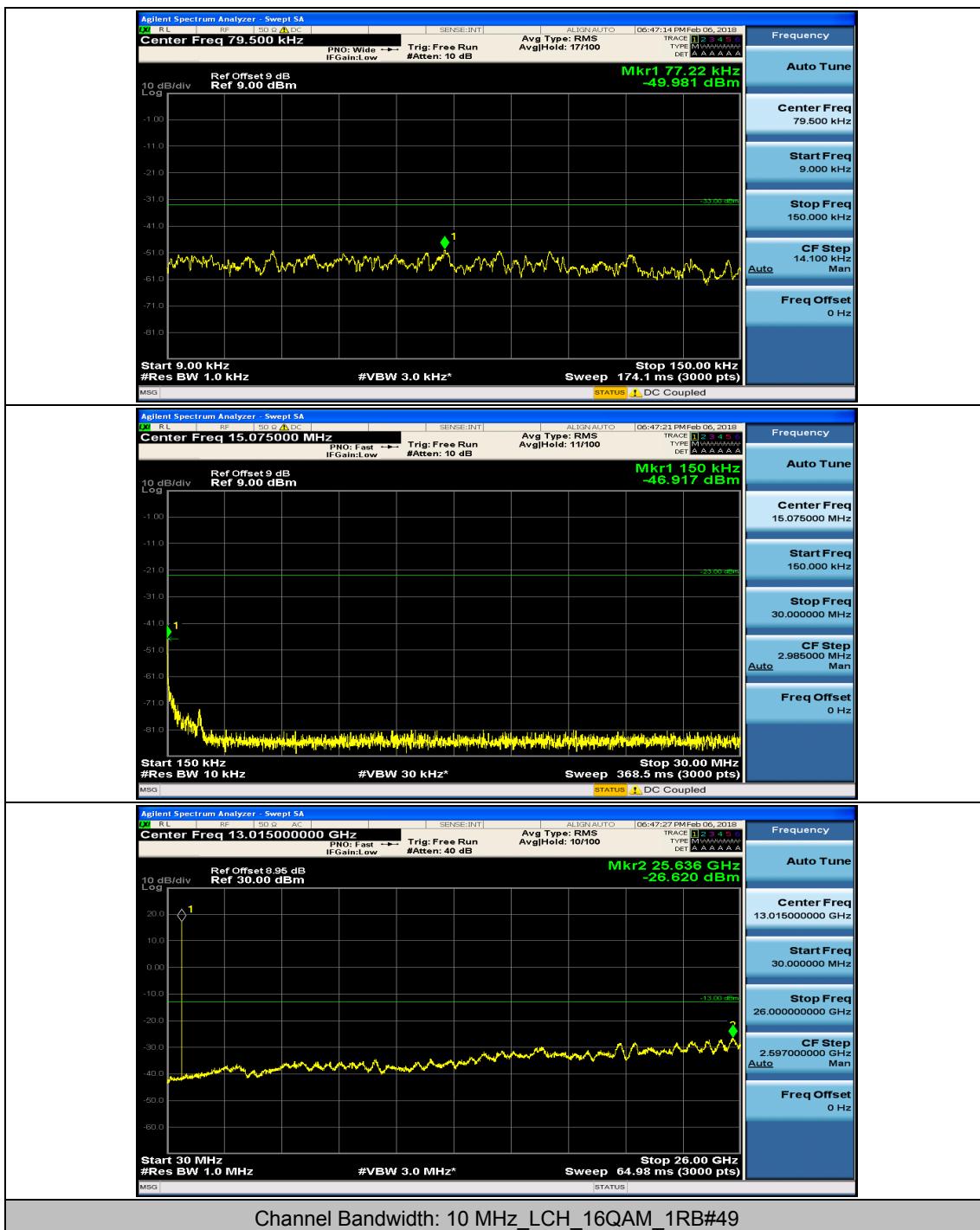


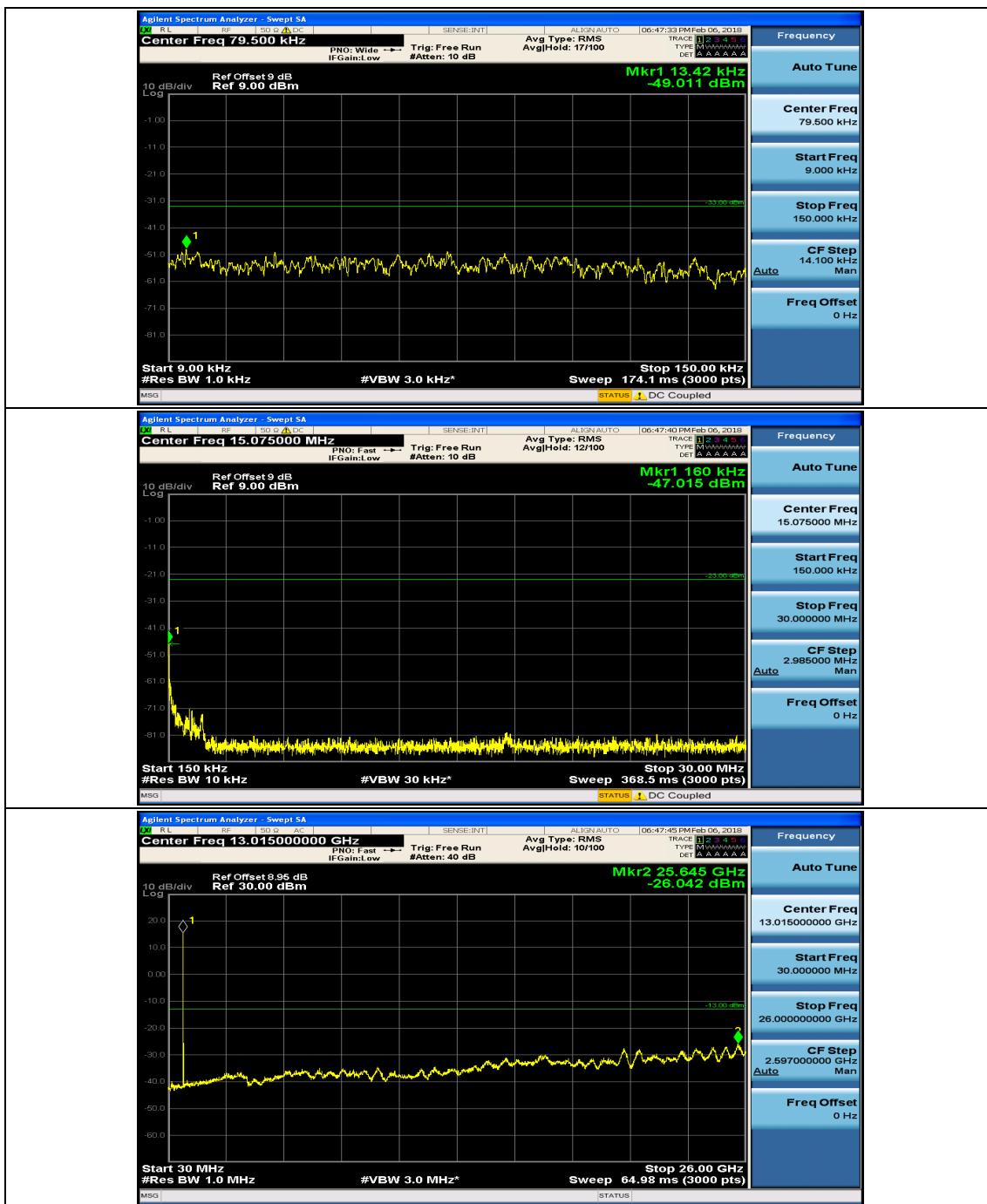


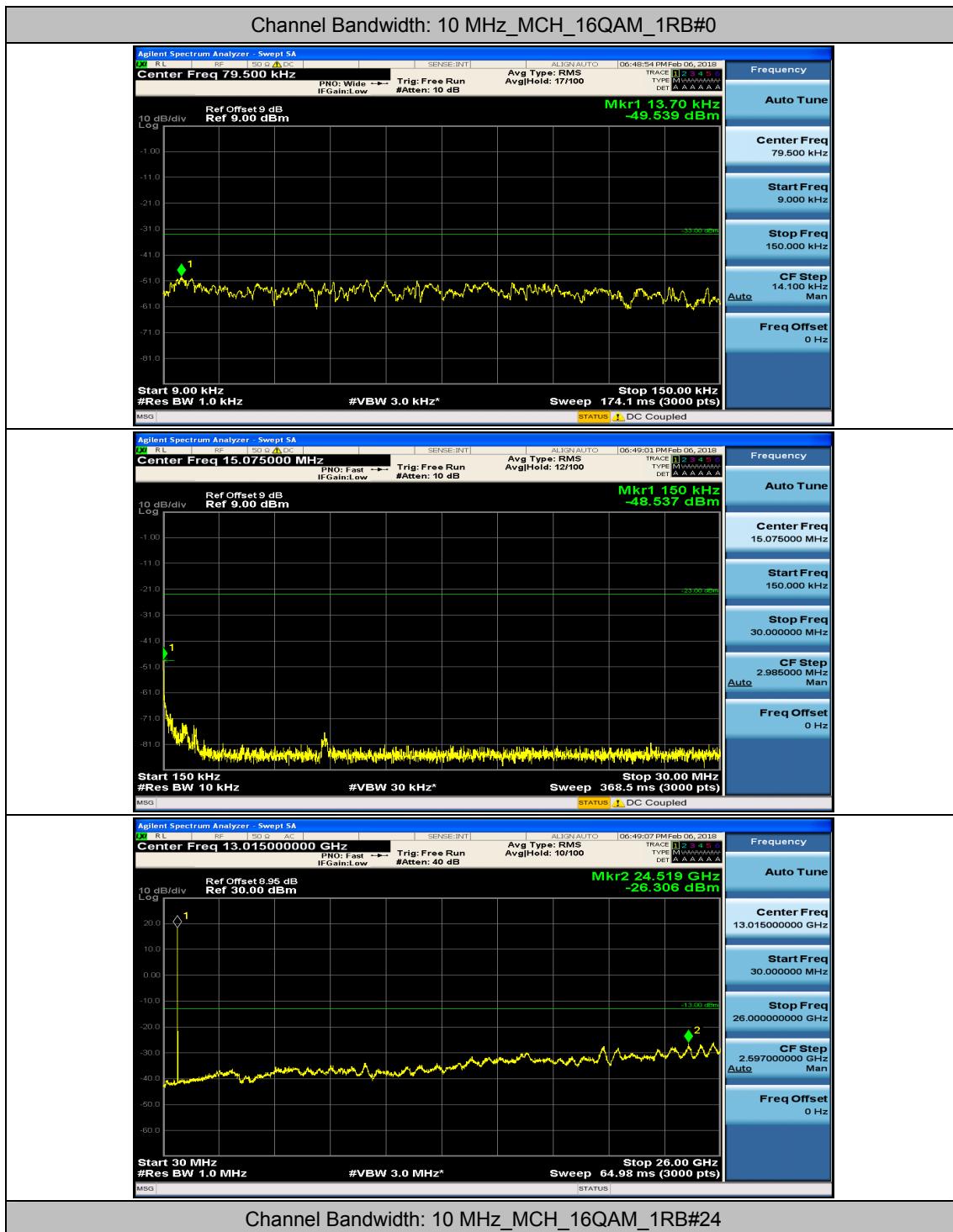


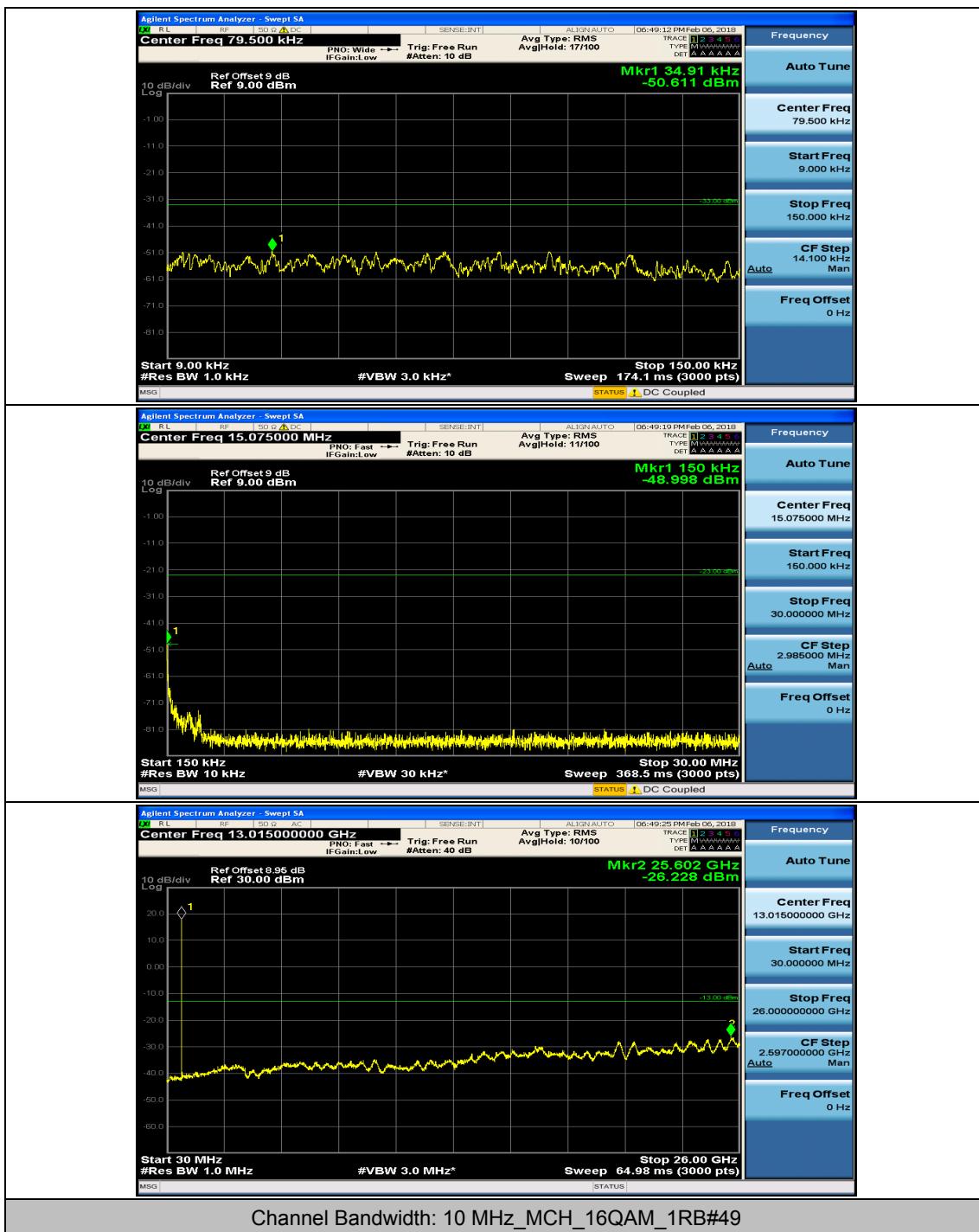


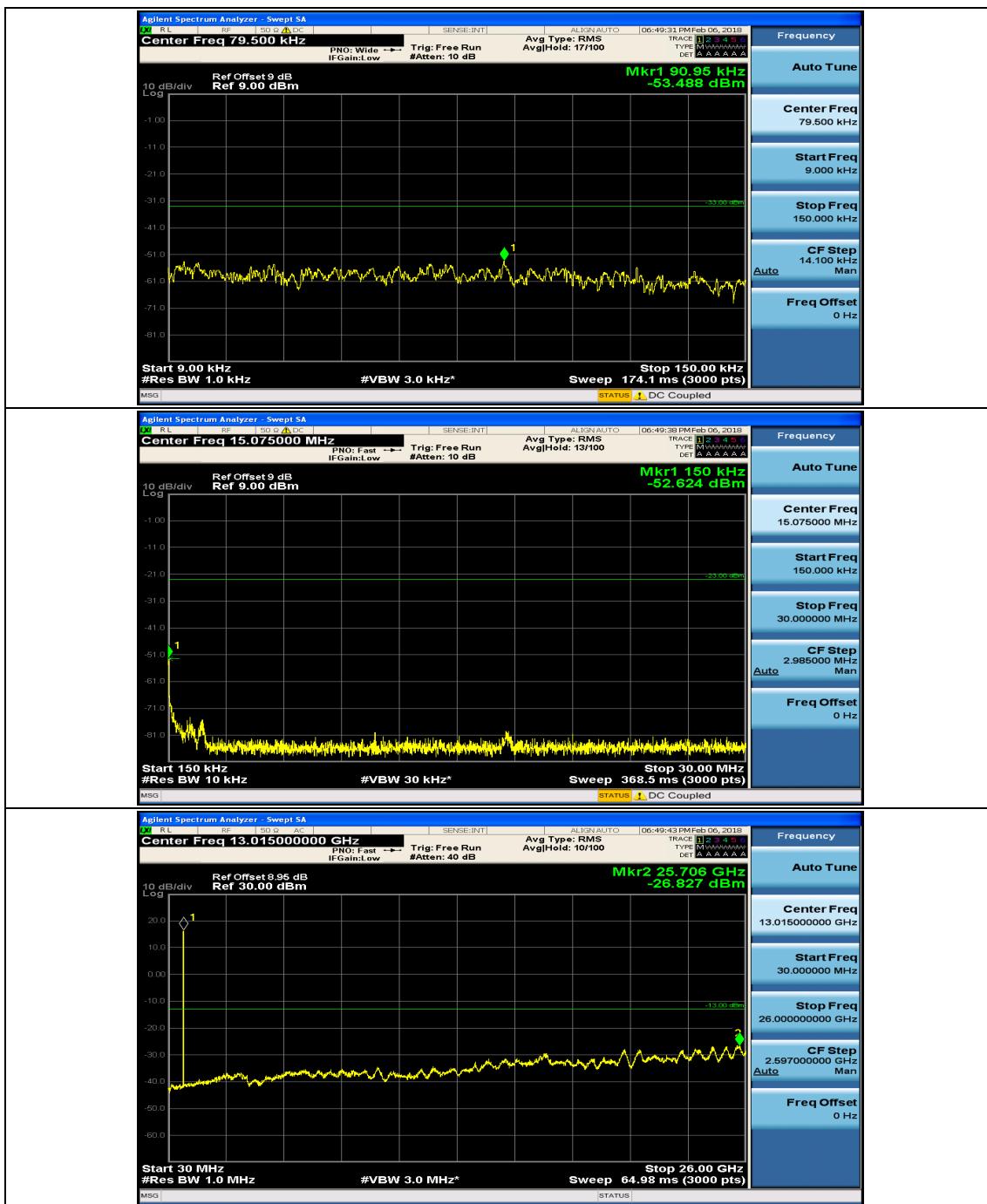


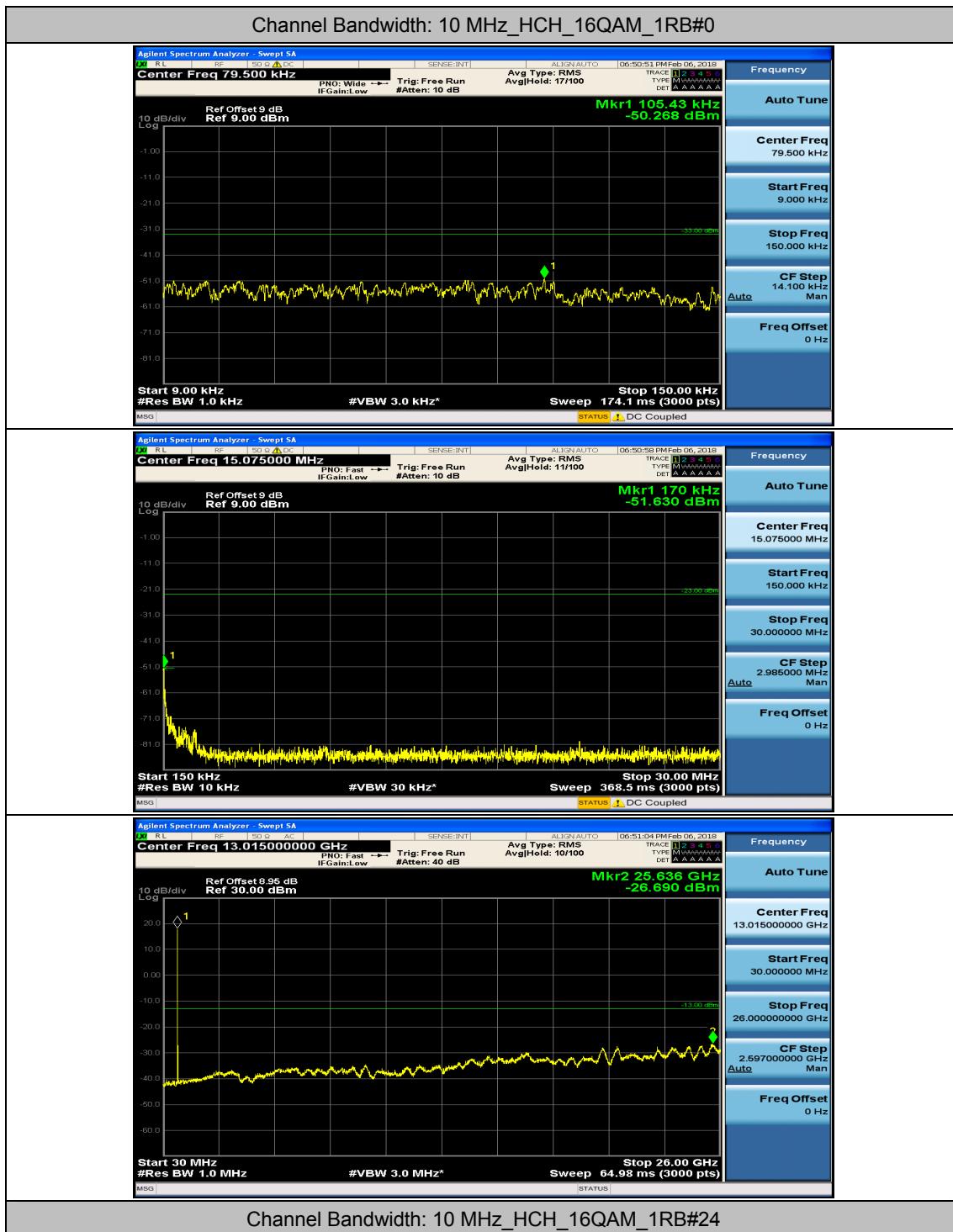


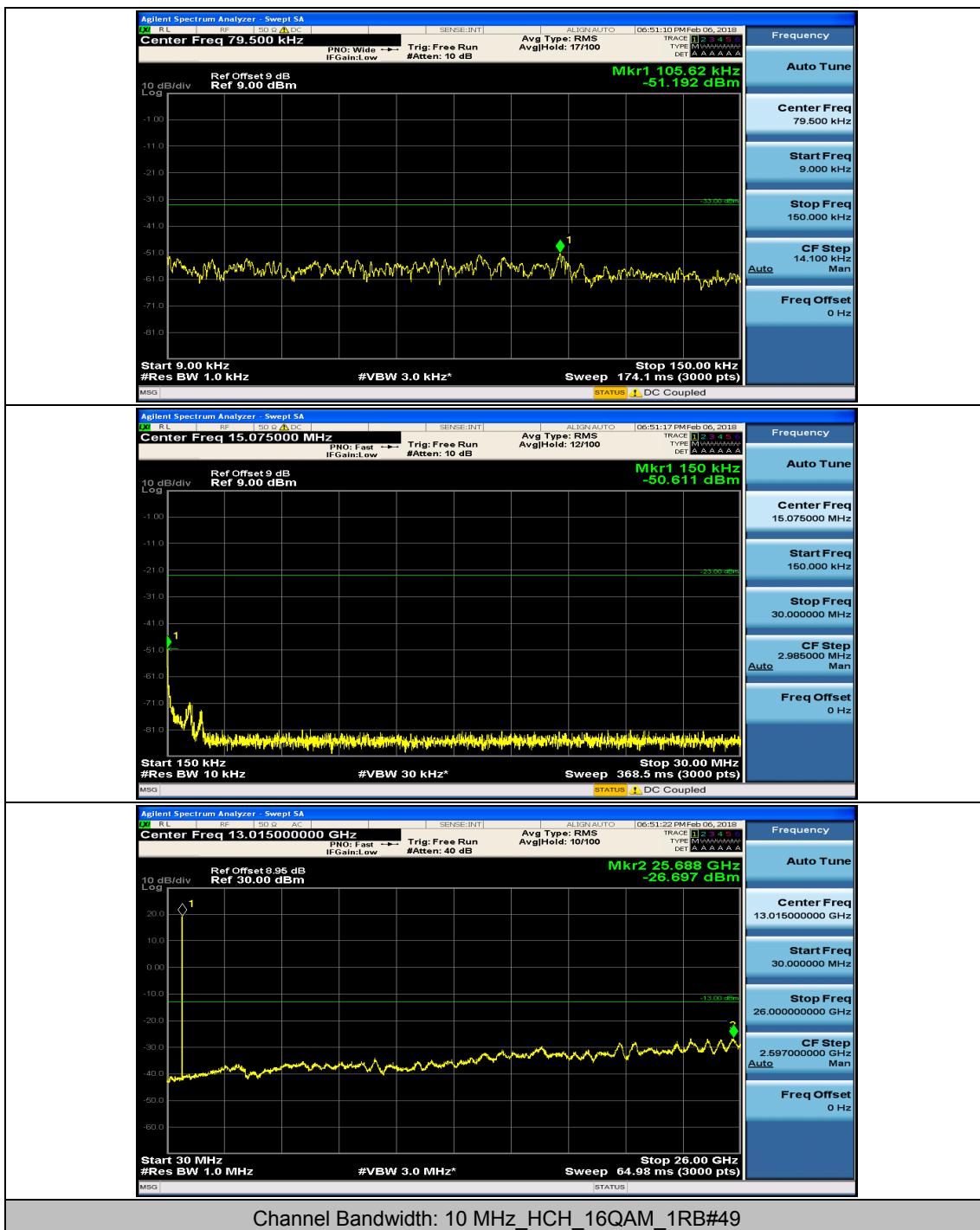


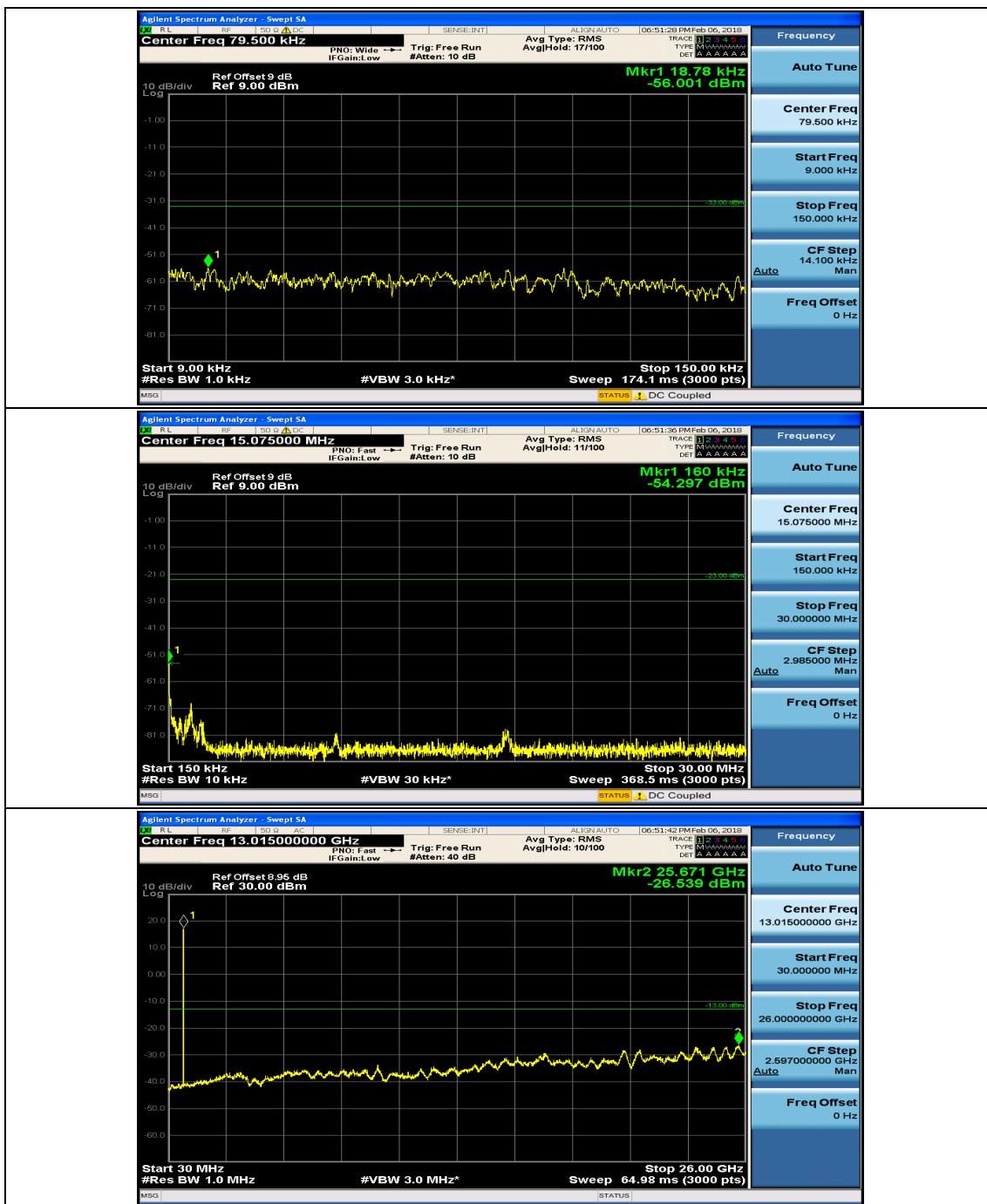












Appendix F: Frequency Stability

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 | -1.14 | -0.001629 | ± 2.5 | PASS |
| | | VN | TN | 1.45 | 0.002072 | ± 2.5 | PASS |
| | | VH | TN | 3.17 | 0.004531 | ± 2.5 | PASS |
| | MCH | VL | TN | 0.46 | 0.000650 | ± 2.5 | PASS |
| | | VN | TN | 1.66 | 0.002346 | ± 2.5 | PASS |
| | | VH | TN | 1.3 | 0.001837 | ± 2.5 | PASS |
| | HCH | VL | TN | 4.34 | 0.006067 | ± 2.5 | PASS |
| | | VN | TN | 0.96 | 0.001342 | ± 2.5 | PASS |
| | | VH | TN | 2.76 | 0.003859 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | -0.58 | -0.000829 | ± 2.5 | PASS |
| | | VN | TN | 3.02 | 0.004316 | ± 2.5 | PASS |
| | | VH | TN | 3.13 | 0.004473 | ± 2.5 | PASS |
| | MCH | VL | TN | 1.78 | 0.002516 | ± 2.5 | PASS |
| | | VN | TN | 3.94 | 0.005569 | ± 2.5 | PASS |
| | | VH | TN | 0.25 | 0.000353 | ± 2.5 | PASS |
| | HCH | VL | TN | 4.55 | 0.006361 | ± 2.5 | PASS |
| | | VN | TN | 3.93 | 0.005494 | ± 2.5 | PASS |
| | | VH | TN | 4.93 | 0.006892 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VN | -30 | -1.6 | -0.002287 | ± 2.5 | PASS |
| | | VN | -20 | -0.54 | -0.000772 | ± 2.5 | PASS |
| | | VN | -10 | 2.29 | 0.003273 | ± 2.5 | PASS |
| | | VN | 0 | -1.93 | -0.002758 | ± 2.5 | PASS |
| | | VN | 10 | 0.47 | 0.000672 | ± 2.5 | PASS |
| | | VN | 20 | 4.19 | 0.005988 | ± 2.5 | PASS |
| | | VN | 30 | 4.7 | 0.006717 | ± 2.5 | PASS |
| | | VN | 40 | 3.3 | 0.004716 | ± 2.5 | PASS |
| | | VN | 50 | 1.98 | 0.002830 | ± 2.5 | PASS |
| | MCH | VN | -30 | 4.02 | 0.005682 | ± 2.5 | PASS |
| | | VN | -20 | 4.2 | 0.005936 | ± 2.5 | PASS |
| | | VN | -10 | -0.3 | -0.000424 | ± 2.5 | PASS |

| | | | | | | | |
|-------|-----|----|-----|-------|-----------|-----------|------|
| | HCH | VN | 0 | 0.61 | 0.000862 | ± 2.5 | PASS |
| | | VN | 10 | 2.2 | 0.003110 | ± 2.5 | PASS |
| | | VN | 20 | 1.2 | 0.001696 | ± 2.5 | PASS |
| | | VN | 30 | 1.16 | 0.001640 | ± 2.5 | PASS |
| | | VN | 40 | -0.02 | -0.000028 | ± 2.5 | PASS |
| | | VN | 50 | 0.74 | 0.001046 | ± 2.5 | PASS |
| | | VN | -30 | 2.47 | 0.003453 | ± 2.5 | PASS |
| | | VN | -20 | -0.38 | -0.000531 | ± 2.5 | PASS |
| | | VN | -10 | 4.89 | 0.006836 | ± 2.5 | PASS |
| | | VN | 0 | -0.34 | -0.000475 | ± 2.5 | PASS |
| 16QAM | LCH | VN | 10 | -0.16 | -0.000224 | ± 2.5 | PASS |
| | | VN | 20 | 3.96 | 0.005536 | ± 2.5 | PASS |
| | | VN | 30 | -1.79 | -0.002502 | ± 2.5 | PASS |
| | | VN | 40 | -0.79 | -0.001104 | ± 2.5 | PASS |
| | | VN | 50 | -1.18 | -0.001650 | ± 2.5 | PASS |
| | | VN | -30 | 0.33 | 0.000472 | ± 2.5 | PASS |
| | | VN | -20 | 2.81 | 0.004016 | ± 2.5 | PASS |
| | | VN | -10 | 4.77 | 0.006817 | ± 2.5 | PASS |
| | | VN | 0 | 2.09 | 0.002987 | ± 2.5 | PASS |
| | MCH | VN | 10 | 4.56 | 0.006517 | ± 2.5 | PASS |
| | | VN | 20 | 3.73 | 0.005331 | ± 2.5 | PASS |
| | | VN | 30 | 0.87 | 0.001243 | ± 2.5 | PASS |
| | | VN | 40 | -0.39 | -0.000557 | ± 2.5 | PASS |
| | | VN | 50 | -1.53 | -0.002187 | ± 2.5 | PASS |
| | | VN | -30 | 0.79 | 0.001117 | ± 2.5 | PASS |
| | | VN | -20 | 2.32 | 0.003279 | ± 2.5 | PASS |
| | | VN | -10 | -0.07 | -0.000099 | ± 2.5 | PASS |
| | | VN | 0 | 0.09 | 0.000127 | ± 2.5 | PASS |
| | HCH | VN | 10 | -1.55 | -0.002191 | ± 2.5 | PASS |
| | | VN | 20 | 3.37 | 0.004763 | ± 2.5 | PASS |
| | | VN | 30 | -1 | -0.001413 | ± 2.5 | PASS |
| | | VN | 40 | 2.61 | 0.003689 | ± 2.5 | PASS |
| | | VN | 50 | -1.59 | -0.002247 | ± 2.5 | PASS |
| | | VN | -30 | 3.55 | 0.004963 | ± 2.5 | PASS |
| | | VN | -20 | 0.42 | 0.000587 | ± 2.5 | PASS |
| | | VN | -10 | -1.77 | -0.002474 | ± 2.5 | PASS |

| | | | | | | | |
|--|--|----|----|------|----------|-------|------|
| | | VN | 50 | 0.86 | 0.001202 | ± 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 | -0.2 | -0.000286 | ± 2.5 | PASS |
| | | VN | TN | -0.91 | -0.001299 | ± 2.5 | PASS |
| | | VH | TN | -0.42 | -0.000600 | ± 2.5 | PASS |
| | MCH | VL | TN | 1.17 | 0.001654 | ± 2.5 | PASS |
| | | VN | TN | 2.28 | 0.003223 | ± 2.5 | PASS |
| | | VH | TN | 3.35 | 0.004735 | ± 2.5 | PASS |
| | HCH | VL | TN | 1.71 | 0.002393 | ± 2.5 | PASS |
| | | VN | TN | 3.99 | 0.005584 | ± 2.5 | PASS |
| | | VH | TN | -0.46 | -0.000644 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | 0.45 | 0.000642 | ± 2.5 | PASS |
| | | VN | TN | 4.14 | 0.005910 | ± 2.5 | PASS |
| | | VH | TN | 1.1 | 0.001570 | ± 2.5 | PASS |
| | MCH | VL | TN | 2.23 | 0.003152 | ± 2.5 | PASS |
| | | VN | TN | -1.51 | -0.002134 | ± 2.5 | PASS |
| | | VH | TN | 1.64 | 0.002318 | ± 2.5 | PASS |
| | HCH | VL | TN | 1.02 | 0.001428 | ± 2.5 | PASS |
| | | VN | TN | 0.31 | 0.000434 | ± 2.5 | PASS |
| | | VH | TN | 2.84 | 0.003975 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VN | -30 | 3.28 | 0.004682 | ± 2.5 | PASS |
| | | VN | -20 | 0.62 | 0.000885 | ± 2.5 | PASS |
| | | VN | -10 | 1.78 | 0.002541 | ± 2.5 | PASS |
| | | VN | 0 | -0.23 | -0.000328 | ± 2.5 | PASS |
| | | VN | 10 | -1.91 | -0.002727 | ± 2.5 | PASS |
| | | VN | 20 | -0.25 | -0.000357 | ± 2.5 | PASS |
| | | VN | 30 | 1.82 | 0.002598 | ± 2.5 | PASS |
| | | VN | 40 | 1 | 0.001428 | ± 2.5 | PASS |
| | | VN | 50 | 2.73 | 0.003897 | ± 2.5 | PASS |
| | MCH | VN | -30 | -1.32 | -0.001866 | ± 2.5 | PASS |
| | | VN | -20 | -0.13 | -0.000184 | ± 2.5 | PASS |
| | | VN | -10 | 3.68 | 0.005201 | ± 2.5 | PASS |
| | | VN | 0 | 0.37 | 0.000523 | ± 2.5 | PASS |
| | | VN | 10 | -0.32 | -0.000452 | ± 2.5 | PASS |

| | | | | | | | |
|-------|-----|----|-----|-------|-----------|-----------|------|
| | HCH | VN | 20 | 0.38 | 0.000537 | ± 2.5 | PASS |
| | | VN | 30 | 4.54 | 0.006417 | ± 2.5 | PASS |
| | | VN | 40 | 4.41 | 0.006233 | ± 2.5 | PASS |
| | | VN | 50 | -1.31 | -0.001852 | ± 2.5 | PASS |
| | | VN | -30 | -1.66 | -0.002323 | ± 2.5 | PASS |
| | | VN | -20 | -1.65 | -0.002309 | ± 2.5 | PASS |
| | | VN | -10 | 1.19 | 0.001666 | ± 2.5 | PASS |
| | | VN | 0 | -0.85 | -0.001190 | ± 2.5 | PASS |
| | | VN | 10 | -1.21 | -0.001693 | ± 2.5 | PASS |
| | | VN | 20 | 0.24 | 0.000336 | ± 2.5 | PASS |
| 16QAM | LCH | VN | 30 | 4.64 | 0.006494 | ± 2.5 | PASS |
| | | VN | 40 | -0.57 | -0.000798 | ± 2.5 | PASS |
| | | VN | 50 | 0.44 | 0.000616 | ± 2.5 | PASS |
| | | VN | -30 | 3.68 | 0.005253 | ± 2.5 | PASS |
| | | VN | -20 | 3.45 | 0.004925 | ± 2.5 | PASS |
| | | VN | -10 | 0.03 | 0.000043 | ± 2.5 | PASS |
| | | VN | 0 | -1.07 | -0.001527 | ± 2.5 | PASS |
| | | VN | 10 | 3.7 | 0.005282 | ± 2.5 | PASS |
| | | VN | 20 | 3.03 | 0.004325 | ± 2.5 | PASS |
| | | VN | 30 | -1.05 | -0.001499 | ± 2.5 | PASS |
| | MCH | VN | 40 | -1.63 | -0.002327 | ± 2.5 | PASS |
| | | VN | 50 | 0.64 | 0.000914 | ± 2.5 | PASS |
| | | VN | -30 | 3.39 | 0.004792 | ± 2.5 | PASS |
| | | VN | -20 | 3.48 | 0.004919 | ± 2.5 | PASS |
| | | VN | -10 | 3.21 | 0.004537 | ± 2.5 | PASS |
| | | VN | 0 | 4.09 | 0.005781 | ± 2.5 | PASS |
| | | VN | 10 | 1.71 | 0.002417 | ± 2.5 | PASS |
| | | VN | 20 | 1.71 | 0.002417 | ± 2.5 | PASS |
| | | VN | 30 | 0.67 | 0.000947 | ± 2.5 | PASS |
| | | VN | 40 | -0.2 | -0.000283 | ± 2.5 | PASS |
| | HCH | VN | 50 | -1.74 | -0.002459 | ± 2.5 | PASS |
| | | VN | -30 | -0.72 | -0.001008 | ± 2.5 | PASS |
| | | VN | -20 | 3.13 | 0.004381 | ± 2.5 | PASS |
| | | VN | -10 | -0.15 | -0.000210 | ± 2.5 | PASS |
| | | VN | 0 | -1.63 | -0.002281 | ± 2.5 | PASS |
| | | VN | 10 | 3.46 | 0.004843 | ± 2.5 | PASS |
| | | VN | 20 | -1.21 | -0.001693 | ± 2.5 | PASS |
| | | VN | 30 | 4.84 | 0.006774 | ± 2.5 | PASS |
| | | VN | 40 | 2.69 | 0.003765 | ± 2.5 | PASS |
| | | VN | 50 | -0.97 | -0.001358 | ± 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 | 2.24 | 0.003193 | ± 2.5 | PASS |
| | | VN | TN | 3.12 | 0.004448 | ± 2.5 | PASS |
| | | VH | TN | 4.08 | 0.005816 | ± 2.5 | PASS |
| | MCH | VL | TN | -0.75 | -0.001060 | ± 2.5 | PASS |
| | | VN | TN | 3.72 | 0.005258 | ± 2.5 | PASS |
| | | VH | TN | -1.97 | -0.002784 | ± 2.5 | PASS |
| | HCH | VL | TN | -0.04 | -0.000056 | ± 2.5 | PASS |
| | | VN | TN | 0.58 | 0.000813 | ± 2.5 | PASS |
| | | VH | TN | 3.03 | 0.004247 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | -1 | -0.001426 | ± 2.5 | PASS |
| | | VN | TN | -1.94 | -0.002766 | ± 2.5 | PASS |
| | | VH | TN | 2.9 | 0.004134 | ± 2.5 | PASS |
| | MCH | VL | TN | 2.8 | 0.003958 | ± 2.5 | PASS |
| | | VN | TN | 0.82 | 0.001159 | ± 2.5 | PASS |
| | | VH | TN | 0.74 | 0.001046 | ± 2.5 | PASS |
| | HCH | VL | TN | 4.63 | 0.006489 | ± 2.5 | PASS |
| | | VN | TN | -0.84 | -0.001177 | ± 2.5 | PASS |
| | | VH | TN | 0.66 | 0.000925 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VN | -30 | -1.59 | -0.002267 | ± 2.5 | PASS |
| | | VN | -20 | 3.48 | 0.004961 | ± 2.5 | PASS |
| | | VN | -10 | 0.43 | 0.000613 | ± 2.5 | PASS |
| | | VN | 0 | 2.48 | 0.003535 | ± 2.5 | PASS |
| | | VN | 10 | -0.88 | -0.001254 | ± 2.5 | PASS |
| | | VN | 20 | 1.09 | 0.001554 | ± 2.5 | PASS |
| | | VN | 30 | 4.94 | 0.007042 | ± 2.5 | PASS |
| | | VN | 40 | 1.94 | 0.002766 | ± 2.5 | PASS |
| | | VN | 50 | 2.53 | 0.003607 | ± 2.5 | PASS |
| | MCH | VN | -30 | -0.48 | -0.000678 | ± 2.5 | PASS |
| | | VN | -20 | 1.78 | 0.002516 | ± 2.5 | PASS |
| | | VN | -10 | -1.45 | -0.002049 | ± 2.5 | PASS |
| | | VN | 0 | -1.12 | -0.001583 | ± 2.5 | PASS |
| | | VN | 10 | 2.39 | 0.003378 | ± 2.5 | PASS |
| | | VN | 20 | 2.69 | 0.003802 | ± 2.5 | PASS |
| | | VN | 30 | 4.69 | 0.006629 | ± 2.5 | PASS |

| | | | | | | | |
|--|-----|----|-----|-------|-----------|-----------|------|
| | HCH | VN | 40 | 3.65 | 0.005159 | ± 2.5 | PASS |
| | | VN | 50 | -1.7 | -0.002403 | ± 2.5 | PASS |
| | | VN | -30 | 1.75 | 0.002453 | ± 2.5 | PASS |
| | | VN | -20 | 1.5 | 0.002102 | ± 2.5 | PASS |
| | | VN | -10 | 1.4 | 0.001962 | ± 2.5 | PASS |
| | | VN | 0 | -1.2 | -0.001682 | ± 2.5 | PASS |
| | | VN | 10 | -1.74 | -0.002439 | ± 2.5 | PASS |
| | | VN | 20 | 4.2 | 0.005886 | ± 2.5 | PASS |
| | | VN | 30 | 2.11 | 0.002957 | ± 2.5 | PASS |
| | | VN | 40 | 2.27 | 0.003181 | ± 2.5 | PASS |
| | | VN | 50 | 4.87 | 0.006826 | ± 2.5 | PASS |
| | LCH | VN | -30 | 2.72 | 0.003877 | ± 2.5 | PASS |
| | | VN | -20 | -0.33 | -0.000470 | ± 2.5 | PASS |
| | | VN | -10 | 0.16 | 0.000228 | ± 2.5 | PASS |
| | | VN | 0 | 0.3 | 0.000428 | ± 2.5 | PASS |
| | | VN | 10 | 3.86 | 0.005502 | ± 2.5 | PASS |
| | | VN | 20 | -1.57 | -0.002238 | ± 2.5 | PASS |
| | | VN | 30 | 4.74 | 0.006757 | ± 2.5 | PASS |
| | | VN | 40 | 1.73 | 0.002466 | ± 2.5 | PASS |
| | | VN | 50 | 4.34 | 0.006187 | ± 2.5 | PASS |
| | | VN | -30 | 0.48 | 0.000678 | ± 2.5 | PASS |
| | MCH | VN | -20 | 2.93 | 0.004141 | ± 2.5 | PASS |
| | | VN | -10 | 1.94 | 0.002742 | ± 2.5 | PASS |
| | | VN | 0 | -1.47 | -0.002078 | ± 2.5 | PASS |
| | | VN | 10 | 1.42 | 0.002007 | ± 2.5 | PASS |
| | | VN | 20 | 0.92 | 0.001300 | ± 2.5 | PASS |
| | | VN | 30 | 0.03 | 0.000042 | ± 2.5 | PASS |
| | | VN | 40 | 2.44 | 0.003449 | ± 2.5 | PASS |
| | | VN | 50 | 3.32 | 0.004693 | ± 2.5 | PASS |
| | | VN | -30 | 0.43 | 0.000603 | ± 2.5 | PASS |
| | | VN | -20 | 1.91 | 0.002677 | ± 2.5 | PASS |
| | HCH | VN | -10 | 1.07 | 0.001500 | ± 2.5 | PASS |
| | | VN | 0 | -0.97 | -0.001359 | ± 2.5 | PASS |
| | | VN | 10 | -1.15 | -0.001612 | ± 2.5 | PASS |
| | | VN | 20 | -1.5 | -0.002102 | ± 2.5 | PASS |
| | | VN | 30 | 2.74 | 0.003840 | ± 2.5 | PASS |
| | | VN | 40 | 0.52 | 0.000729 | ± 2.5 | PASS |
| | | VN | 50 | -0.54 | -0.000757 | ± 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 | 1.8 | 0.002557 | ± 2.5 | PASS |
| | | VN | TN | 2.29 | 0.003253 | ± 2.5 | PASS |
| | | VH | TN | 0.9 | 0.001278 | ± 2.5 | PASS |
| | MCH | VL | TN | 2.01 | 0.002841 | ± 2.5 | PASS |
| | | VN | TN | -0.3 | -0.000424 | ± 2.5 | PASS |
| | | VH | TN | 0.68 | 0.000961 | ± 2.5 | PASS |
| | HCH | VL | TN | -1.76 | -0.002475 | ± 2.5 | PASS |
| | | VN | TN | 2.52 | 0.003544 | ± 2.5 | PASS |
| | | VH | TN | 3.19 | 0.004487 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | 1.24 | 0.001761 | ± 2.5 | PASS |
| | | VN | TN | 0.13 | 0.000185 | ± 2.5 | PASS |
| | | VH | TN | 2.99 | 0.004247 | ± 2.5 | PASS |
| | MCH | VL | TN | 1.67 | 0.002360 | ± 2.5 | PASS |
| | | VN | TN | 1.29 | 0.001823 | ± 2.5 | PASS |
| | | VH | TN | -1.15 | -0.001625 | ± 2.5 | PASS |
| | HCH | VL | TN | -1.25 | -0.001758 | ± 2.5 | PASS |
| | | VN | TN | -0.98 | -0.001378 | ± 2.5 | PASS |
| | | VH | TN | 4.4 | 0.006188 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 16QAM | LCH | VN | -30 | 3.67 | 0.005213 | ± 2.5 | PASS |
| | | VN | -20 | -1.71 | -0.002429 | ± 2.5 | PASS |
| | | VN | -10 | 2.31 | 0.003281 | ± 2.5 | PASS |
| | | VN | 0 | -1.55 | -0.002202 | ± 2.5 | PASS |
| | | VN | 10 | 0.54 | 0.000767 | ± 2.5 | PASS |
| | | VN | 20 | -1.69 | -0.002401 | ± 2.5 | PASS |
| | | VN | 30 | 4.63 | 0.006577 | ± 2.5 | PASS |
| | | VN | 40 | -1.59 | -0.002259 | ± 2.5 | PASS |
| | | VN | 50 | 3.71 | 0.005270 | ± 2.5 | PASS |
| | MCH | VN | -30 | 3.78 | 0.005343 | ± 2.5 | PASS |
| | | VN | -20 | -0.43 | -0.000608 | ± 2.5 | PASS |
| | | VN | -10 | -0.12 | -0.000170 | ± 2.5 | PASS |
| | | VN | 0 | 2.22 | 0.003138 | ± 2.5 | PASS |
| | | VN | 10 | -1.03 | -0.001456 | ± 2.5 | PASS |
| | | VN | 20 | -1.48 | -0.002092 | ± 2.5 | PASS |
| | | VN | 30 | -0.07 | -0.000099 | ± 2.5 | PASS |
| | | VN | 40 | 4.34 | 0.006134 | ± 2.5 | PASS |
| | | VN | 50 | 2.7 | 0.003816 | ± 2.5 | PASS |

| | | | | | | | |
|------|-----|----|-----|-------|-----------|-----------|------|
| | HCH | VN | -30 | -0.1 | -0.000141 | ± 2.5 | PASS |
| | | VN | -20 | 3.62 | 0.005091 | ± 2.5 | PASS |
| | | VN | -10 | 1.57 | 0.002208 | ± 2.5 | PASS |
| | | VN | 0 | -1.53 | -0.002152 | ± 2.5 | PASS |
| | | VN | 10 | 2.96 | 0.004163 | ± 2.5 | PASS |
| | | VN | 20 | -0.63 | -0.000886 | ± 2.5 | PASS |
| | | VN | 30 | 3.17 | 0.004459 | ± 2.5 | PASS |
| | | VN | 40 | 1.81 | 0.002546 | ± 2.5 | PASS |
| | | VN | 50 | 4.28 | 0.006020 | ± 2.5 | PASS |
| QPSK | LCH | VN | -30 | 4.73 | 0.006719 | ± 2.5 | PASS |
| | | VN | -20 | 3.42 | 0.004858 | ± 2.5 | PASS |
| | | VN | -10 | 2.13 | 0.003026 | ± 2.5 | PASS |
| | | VN | 0 | 3.97 | 0.005639 | ± 2.5 | PASS |
| | | VN | 10 | 4.05 | 0.005753 | ± 2.5 | PASS |
| | | VN | 20 | 4.21 | 0.005980 | ± 2.5 | PASS |
| | | VN | 30 | 2.37 | 0.003366 | ± 2.5 | PASS |
| | | VN | 40 | 0.52 | 0.000739 | ± 2.5 | PASS |
| | | VN | 50 | -1.85 | -0.002628 | ± 2.5 | PASS |
| | MCH | VN | -30 | -1.46 | -0.002064 | ± 2.5 | PASS |
| | | VN | -20 | 3.85 | 0.005442 | ± 2.5 | PASS |
| | | VN | -10 | -0.19 | -0.000269 | ± 2.5 | PASS |
| | | VN | 0 | -0.87 | -0.001230 | ± 2.5 | PASS |
| | | VN | 10 | 2.32 | 0.003279 | ± 2.5 | PASS |
| | | VN | 20 | -0.22 | -0.000311 | ± 2.5 | PASS |
| | | VN | 30 | 1.63 | 0.002304 | ± 2.5 | PASS |
| | | VN | 40 | -1.84 | -0.002601 | ± 2.5 | PASS |
| | | VN | 50 | 4.91 | 0.006940 | ± 2.5 | PASS |
| | HCH | VN | -30 | -0.13 | -0.000183 | ± 2.5 | PASS |
| | | VN | -20 | -0.44 | -0.000619 | ± 2.5 | PASS |
| | | VN | -10 | 4.07 | 0.005724 | ± 2.5 | PASS |
| | | VN | 0 | -1.92 | -0.002700 | ± 2.5 | PASS |
| | | VN | 10 | -0.73 | -0.001027 | ± 2.5 | PASS |
| | | VN | 20 | -1.05 | -0.001477 | ± 2.5 | PASS |
| | | VN | 30 | 0.33 | 0.000464 | ± 2.5 | PASS |
| | | VN | 40 | -1.84 | -0.002588 | ± 2.5 | PASS |
| | | VN | 50 | 2.44 | 0.003432 | ± 2.5 | PASS |