



Band7_5MHz_16QAM_21100_1RB#0



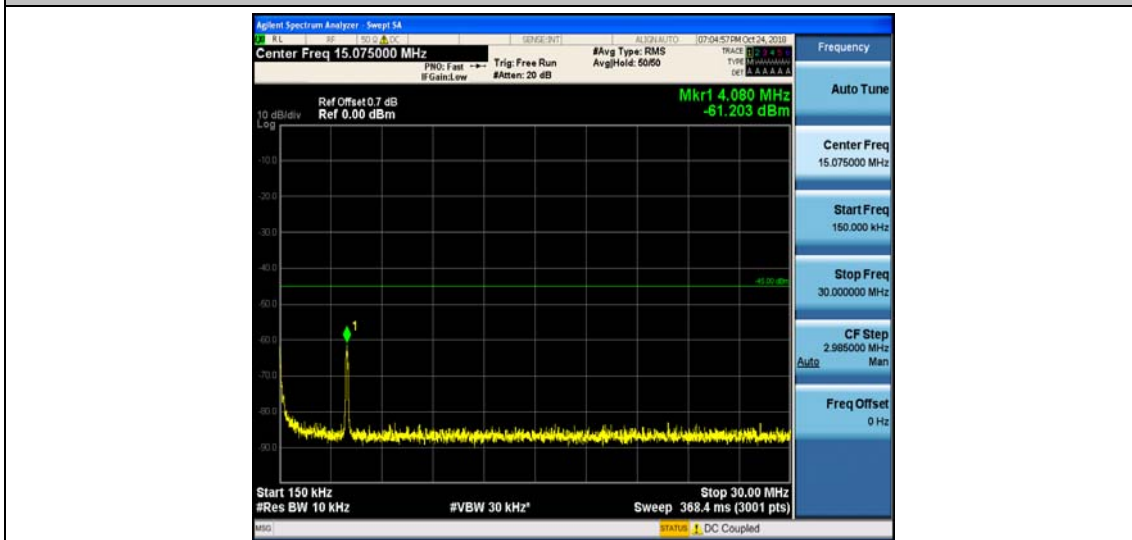
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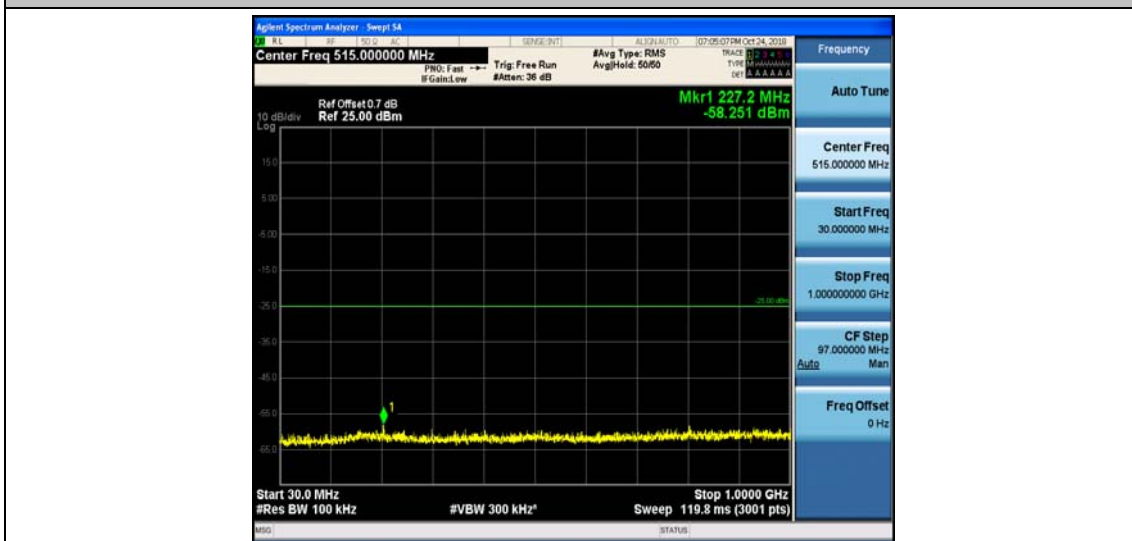
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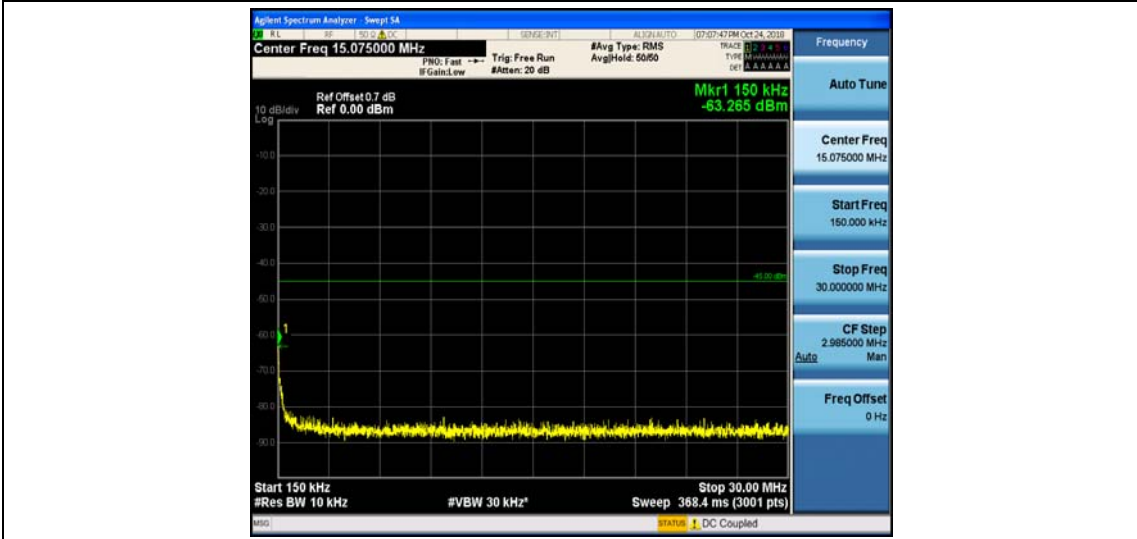
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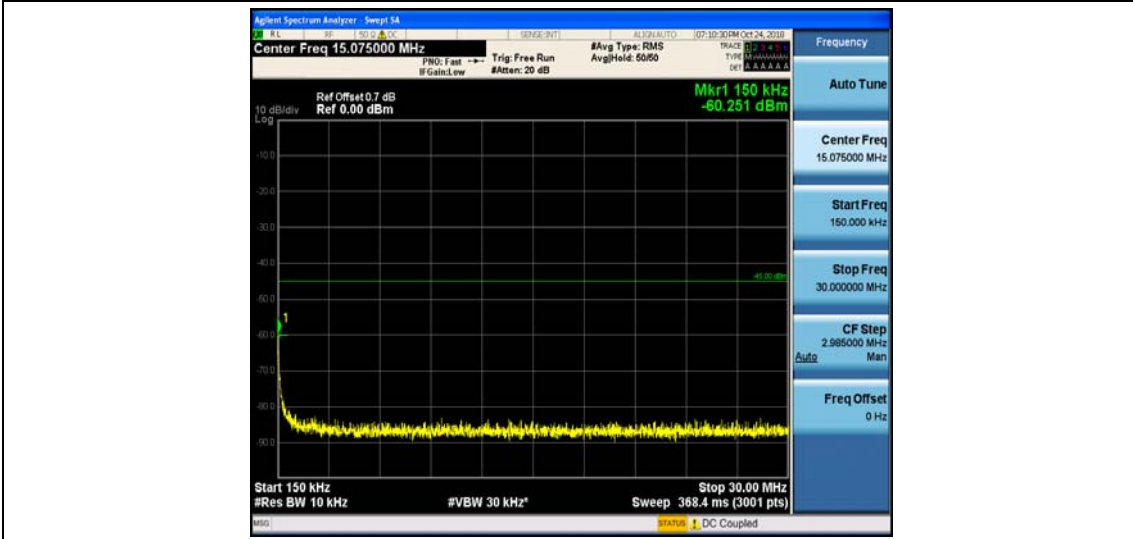
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Band7_10MHz_QPSK_21100_1RB#0



Band7_10MHz_QPSK_21100_1RB#0



Band7_10MHz_QPSK_21400_1RB#0



Band7_10MHz_QPSK_21400_1RB#0



Band7_10MHz_QPSK_21400_1RB#0



Band7_10MHz_QPSK_21400_1RB#0



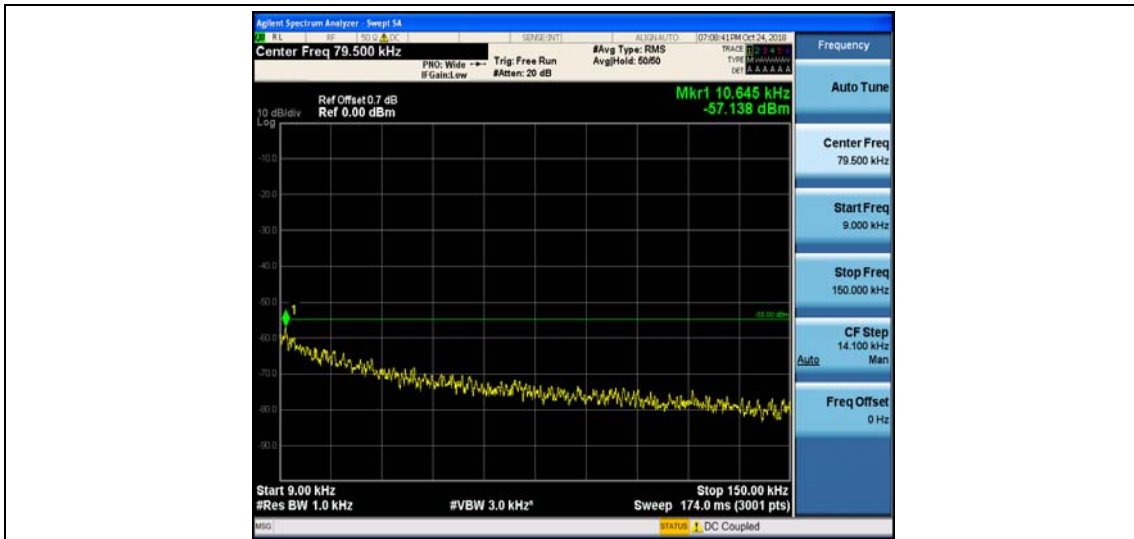
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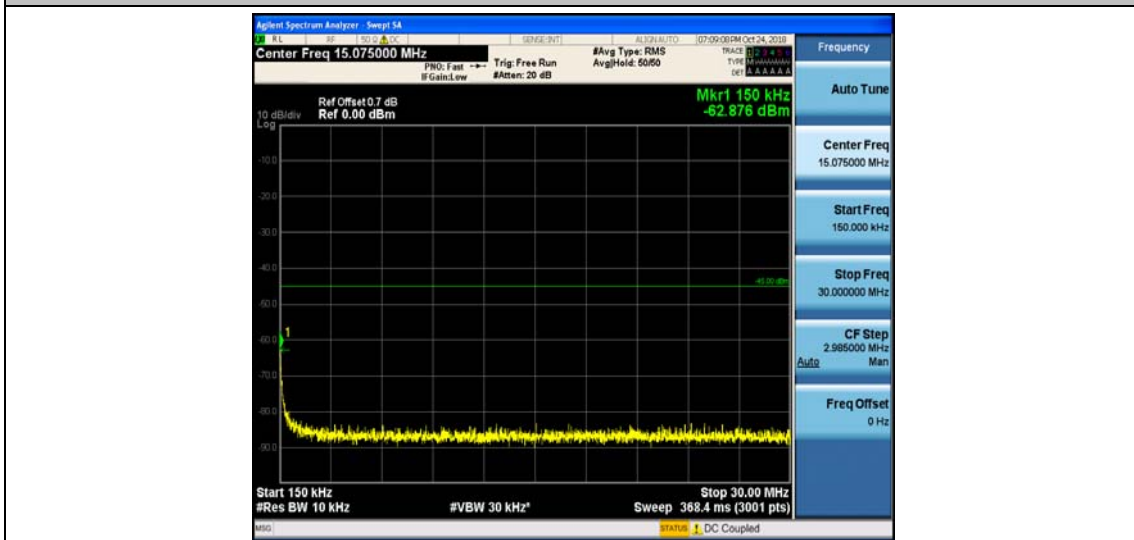
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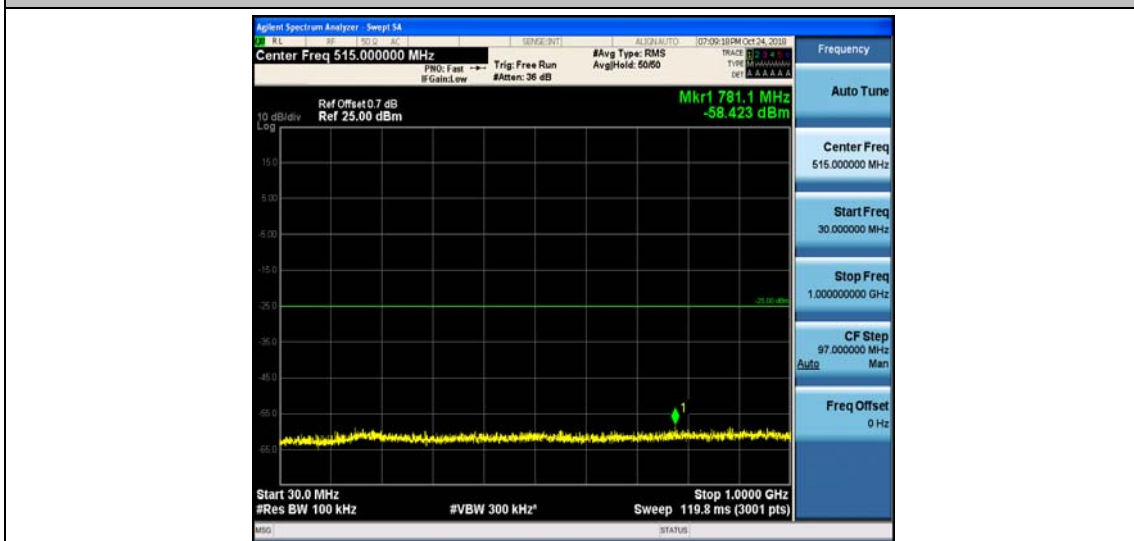
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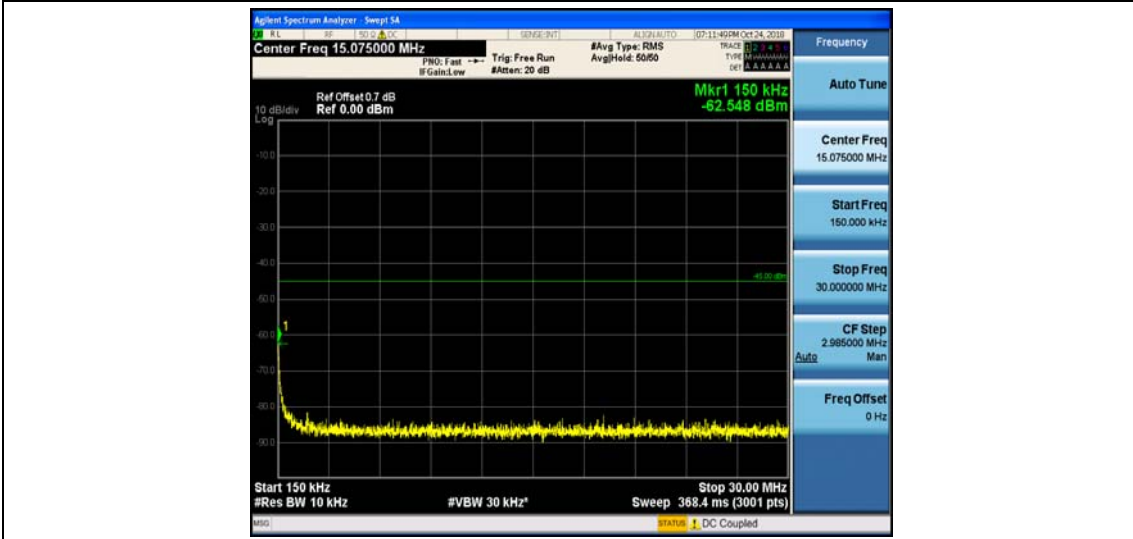
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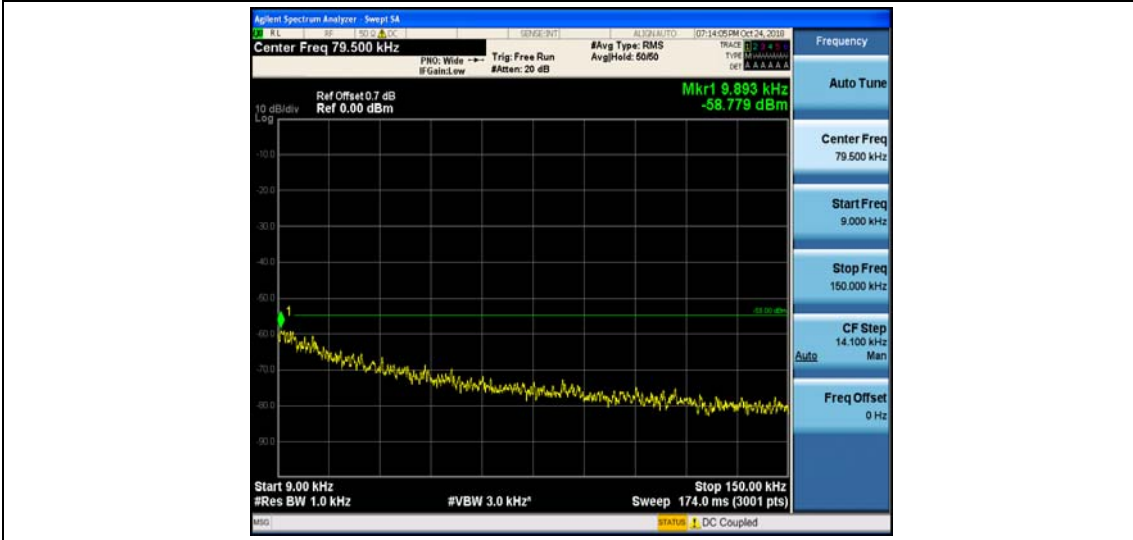
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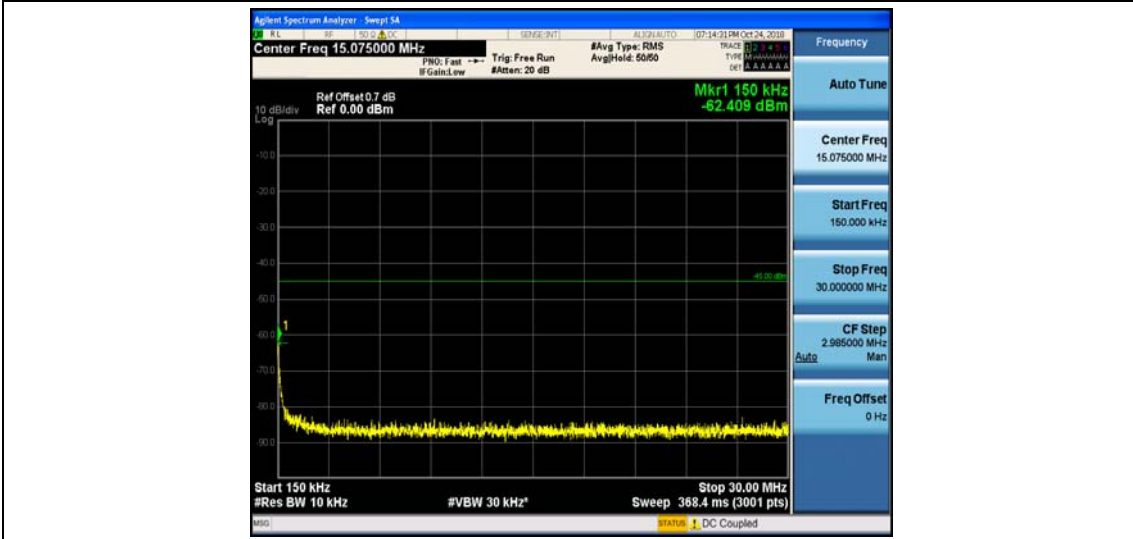
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Band7_10MHz_16QAM_21400_1RB#0



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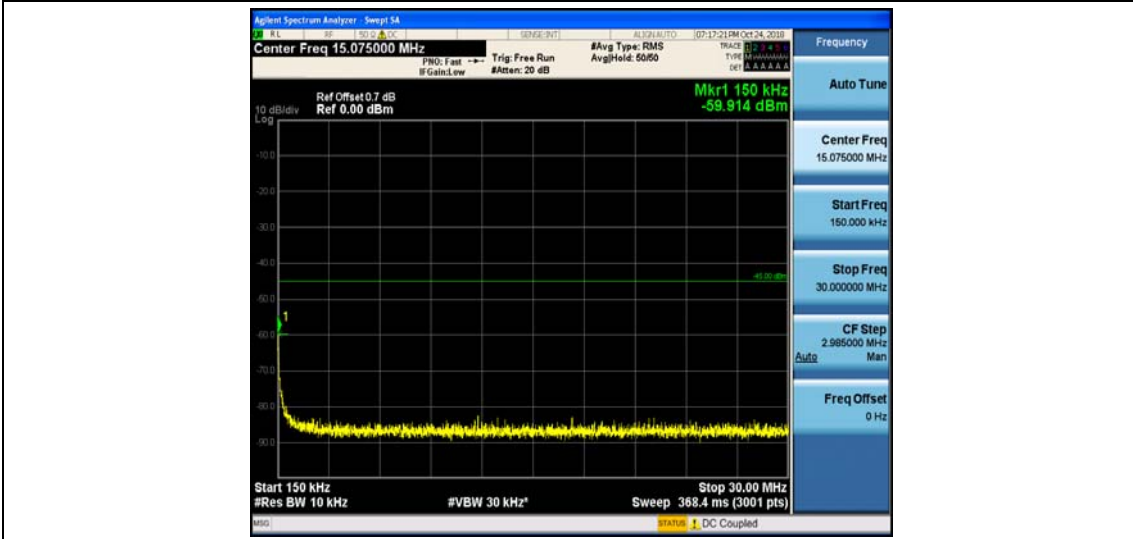
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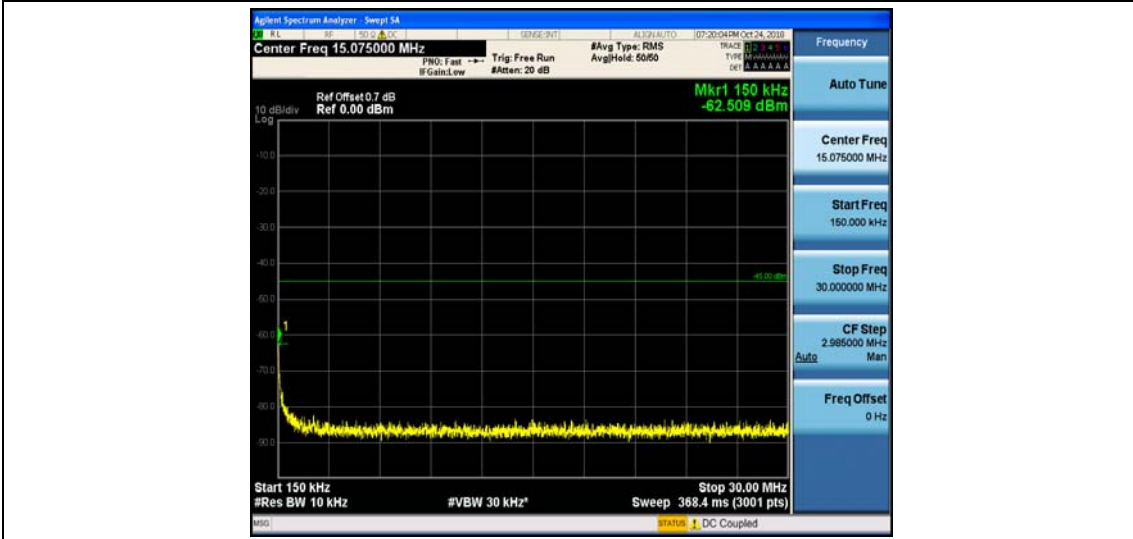
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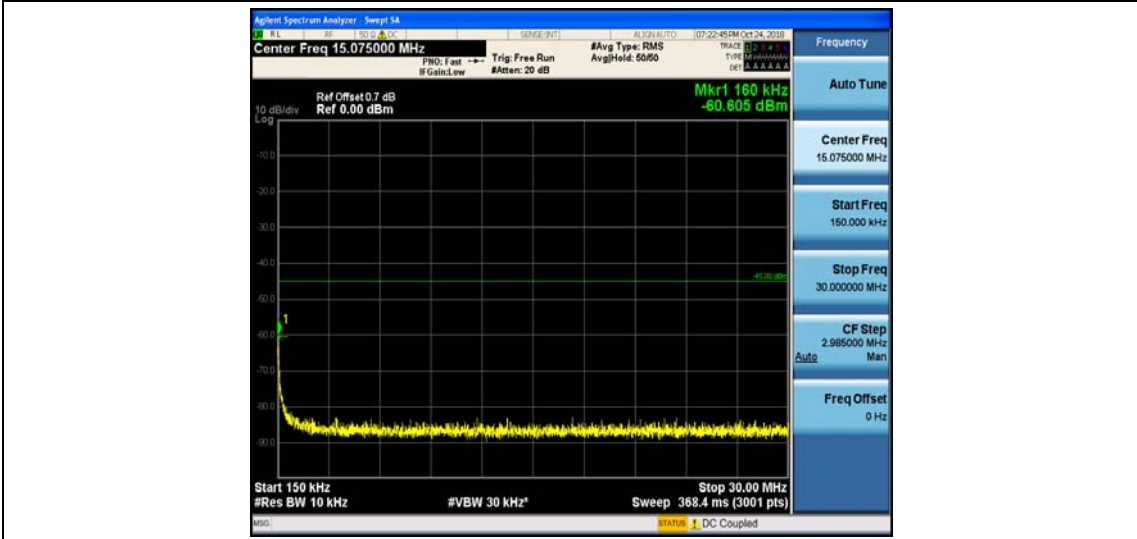
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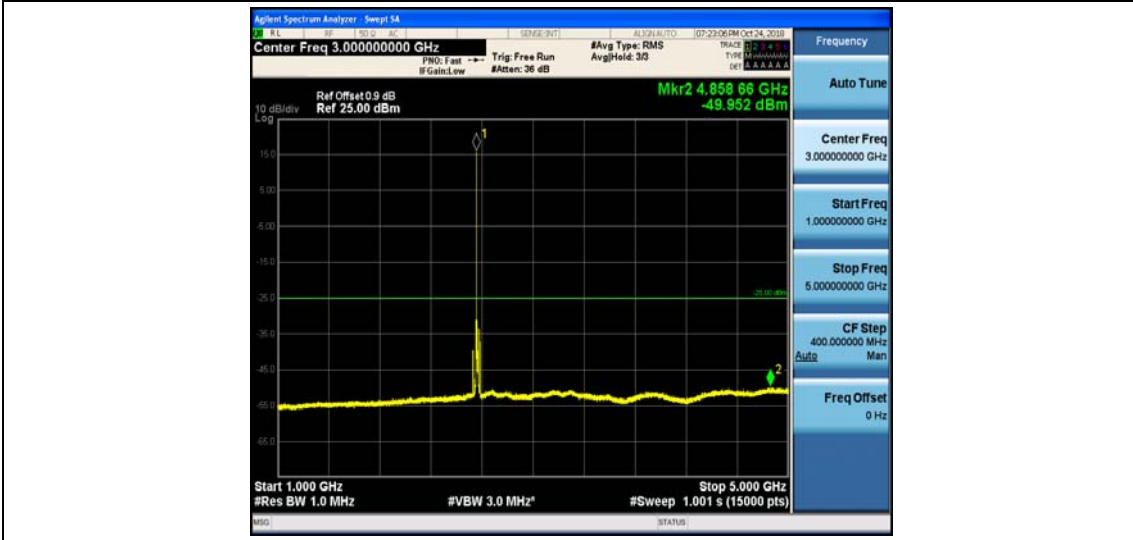
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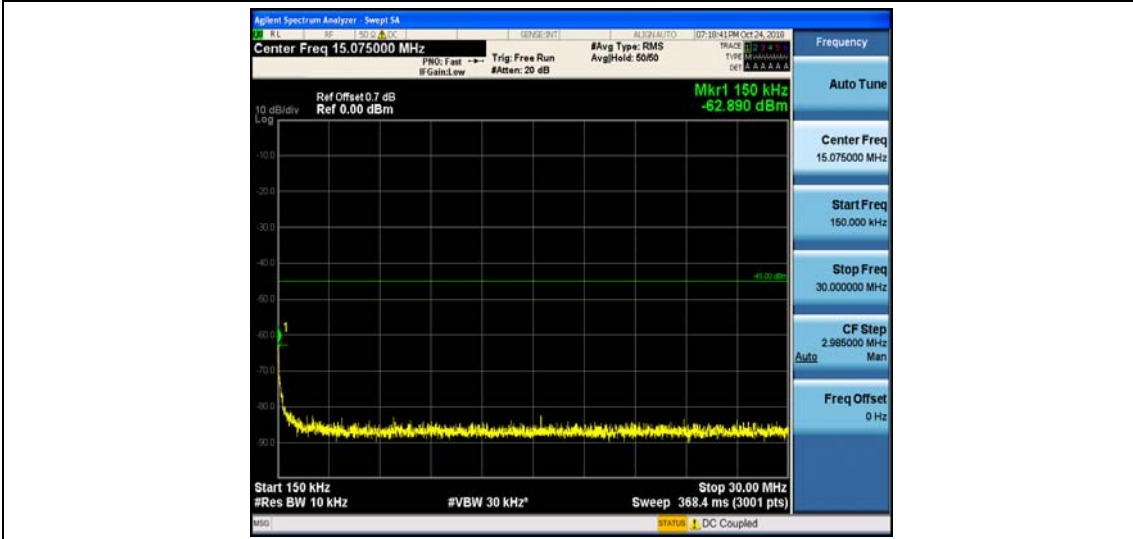
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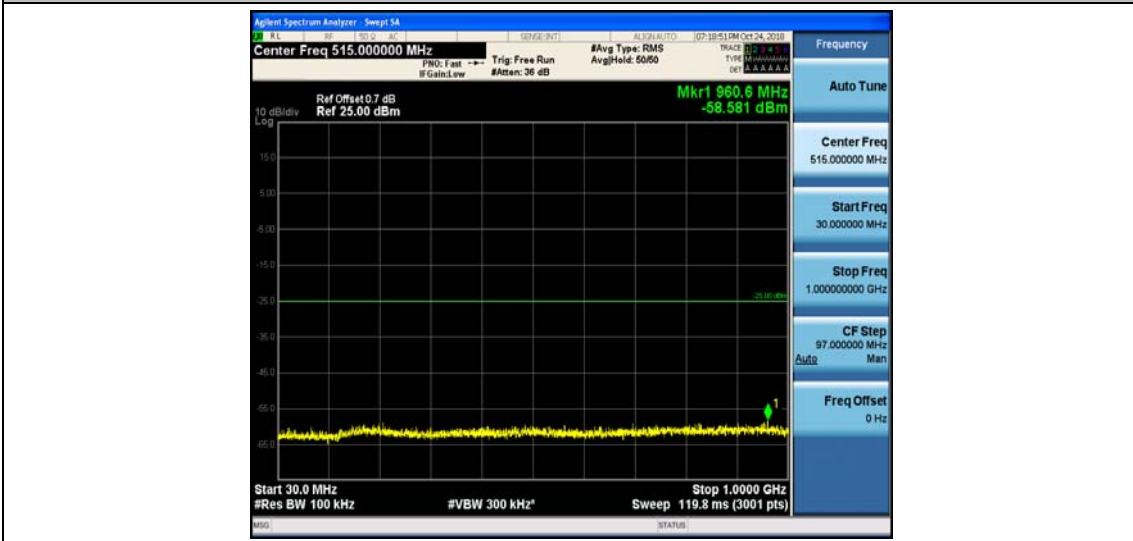
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Band7_15MHz_16QAM_20825_1RB#0



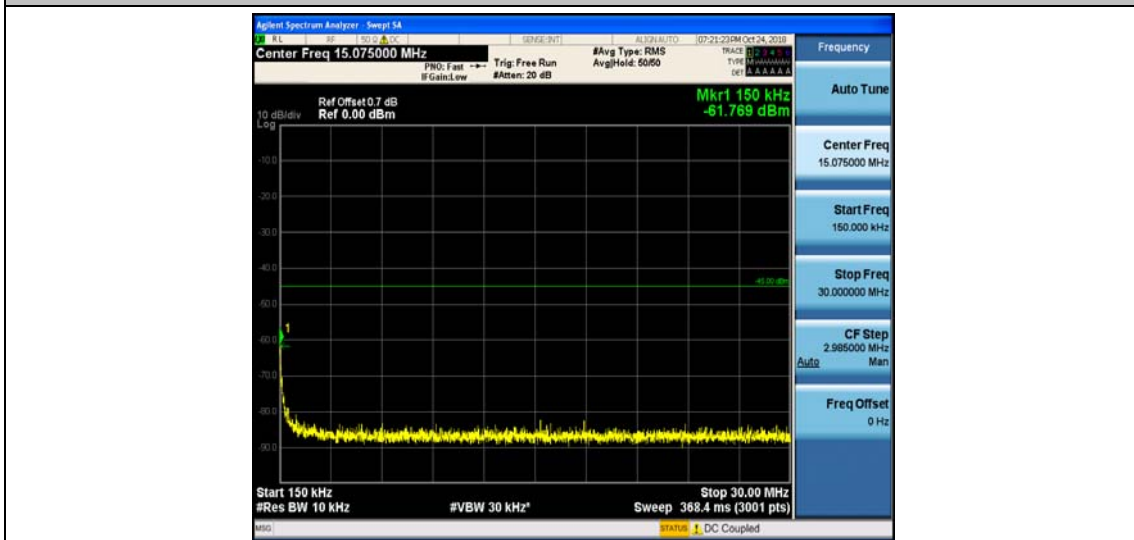
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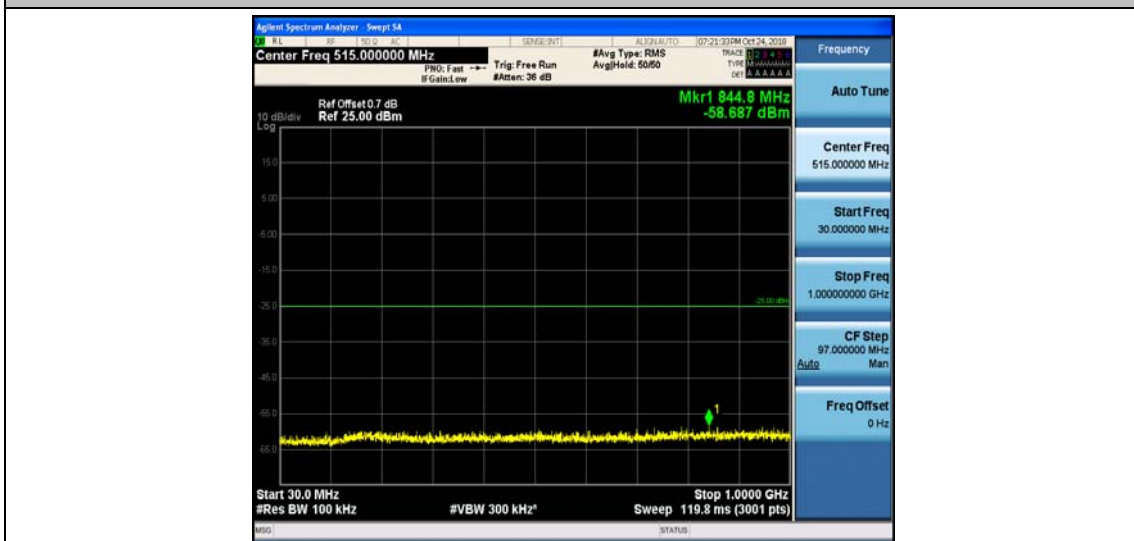
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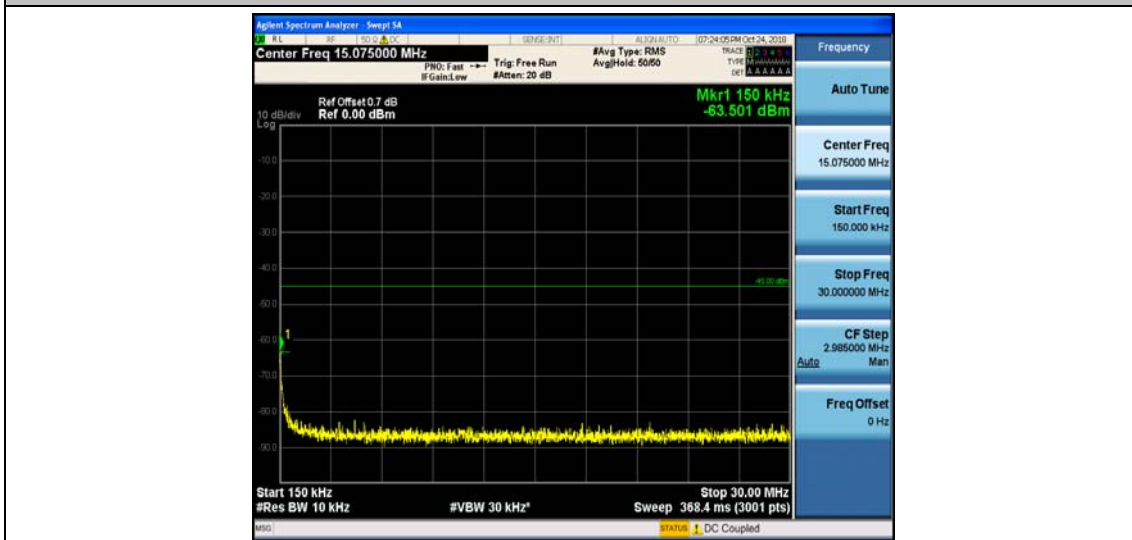
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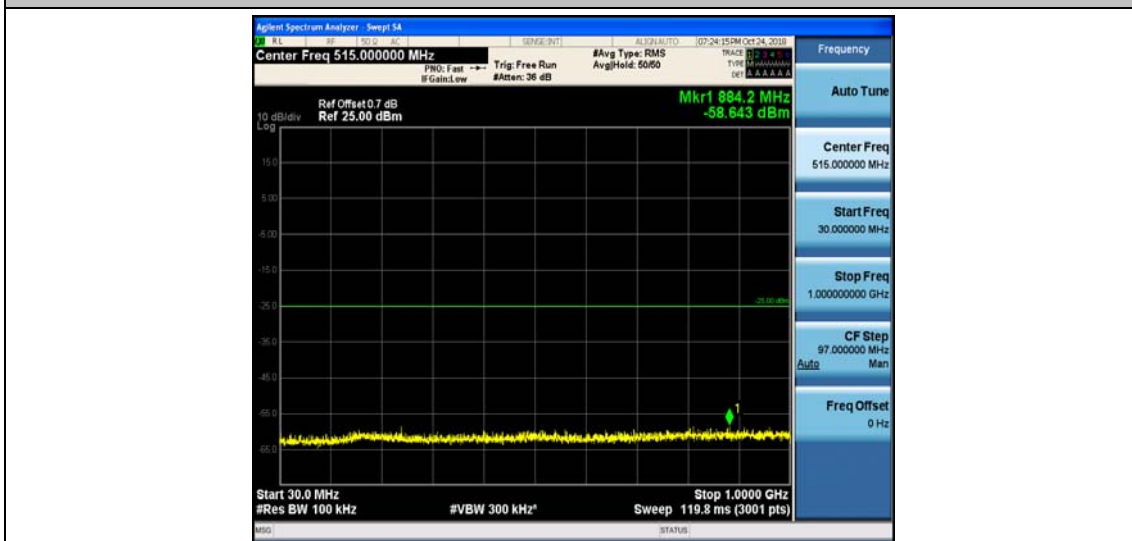
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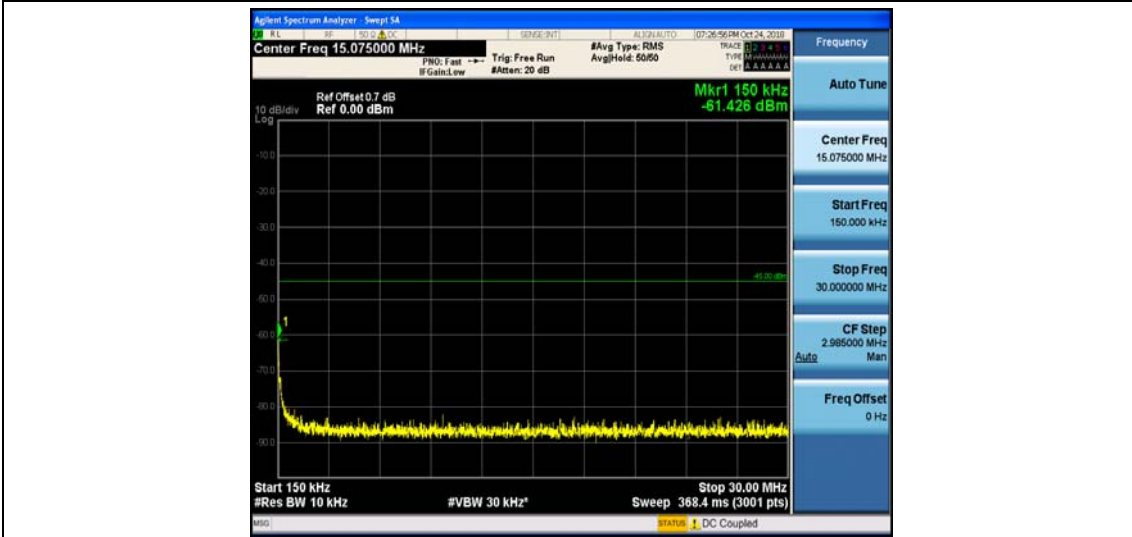
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Band7_20MHz_QPSK_20850_1RB#0



Band7_20MHz_QPSK_21100_1RB#0



Band7_20MHz_QPSK_21100_1RB#0



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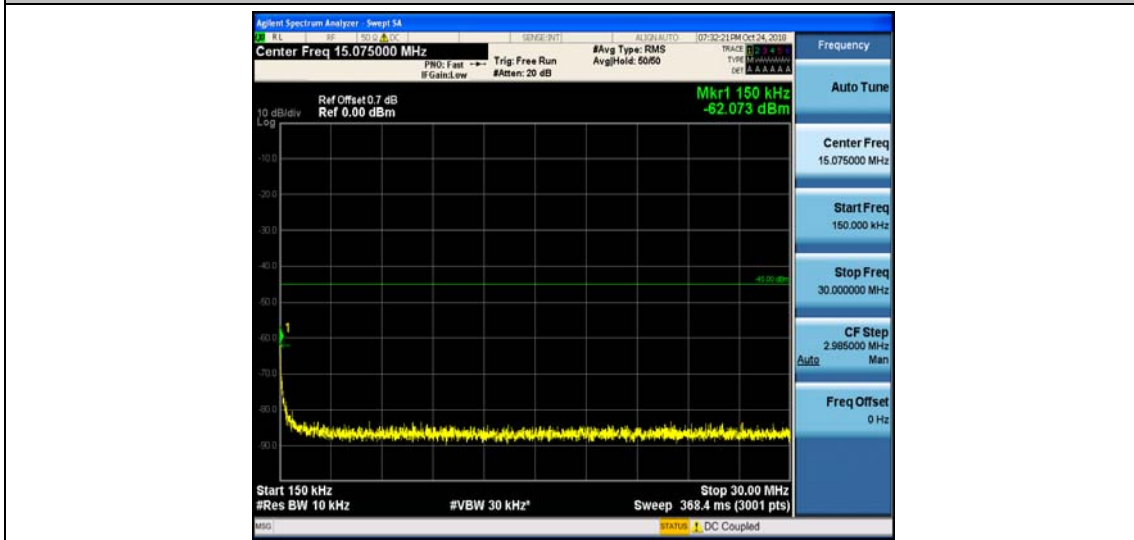
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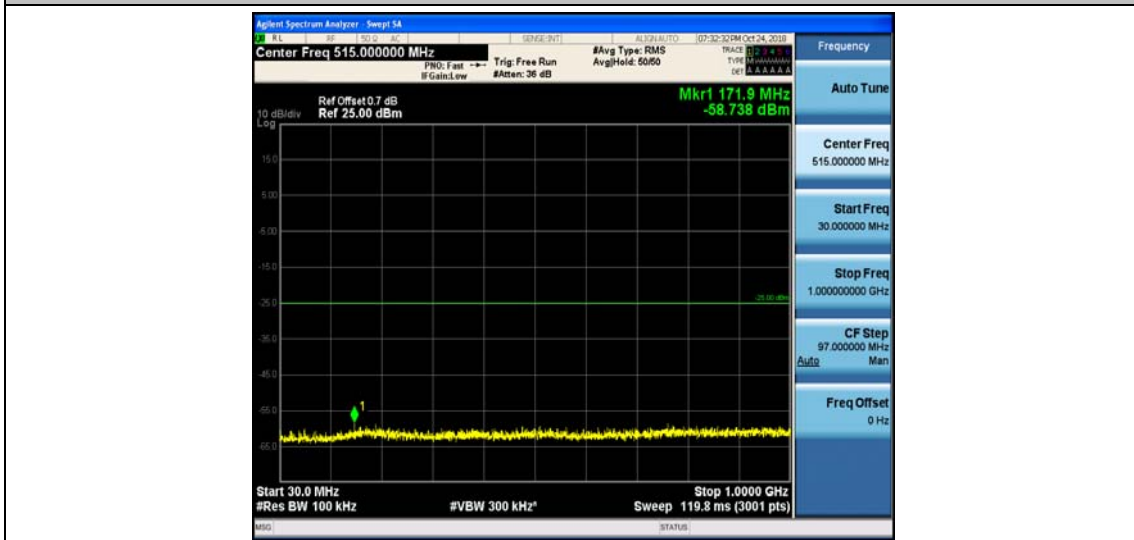
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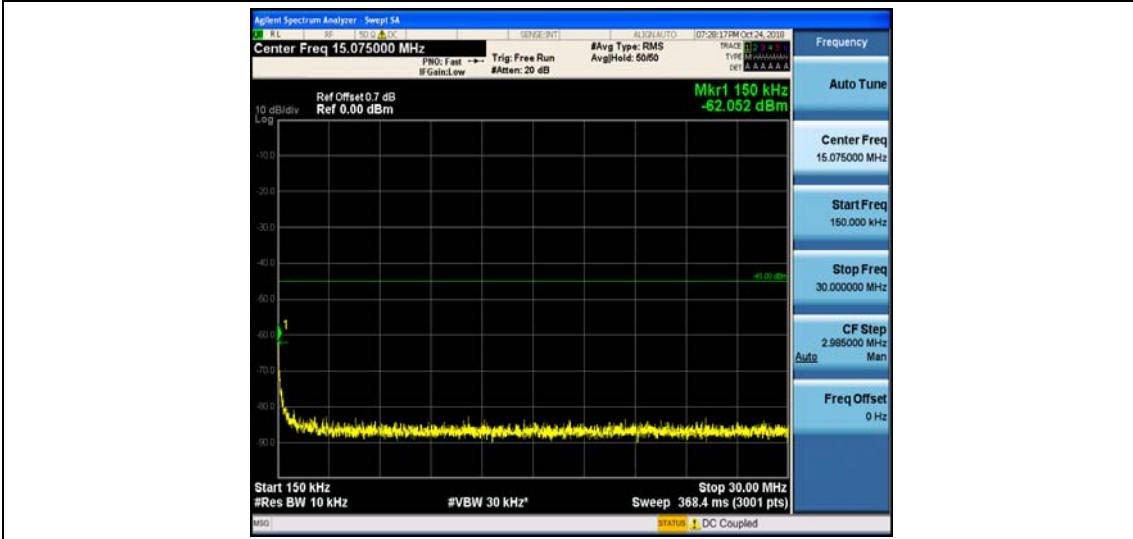
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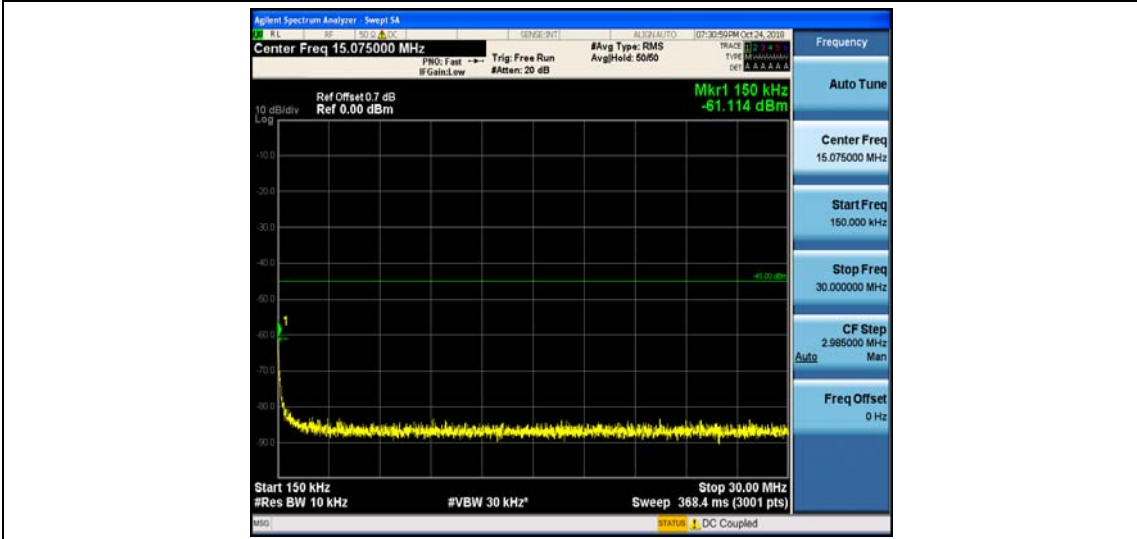
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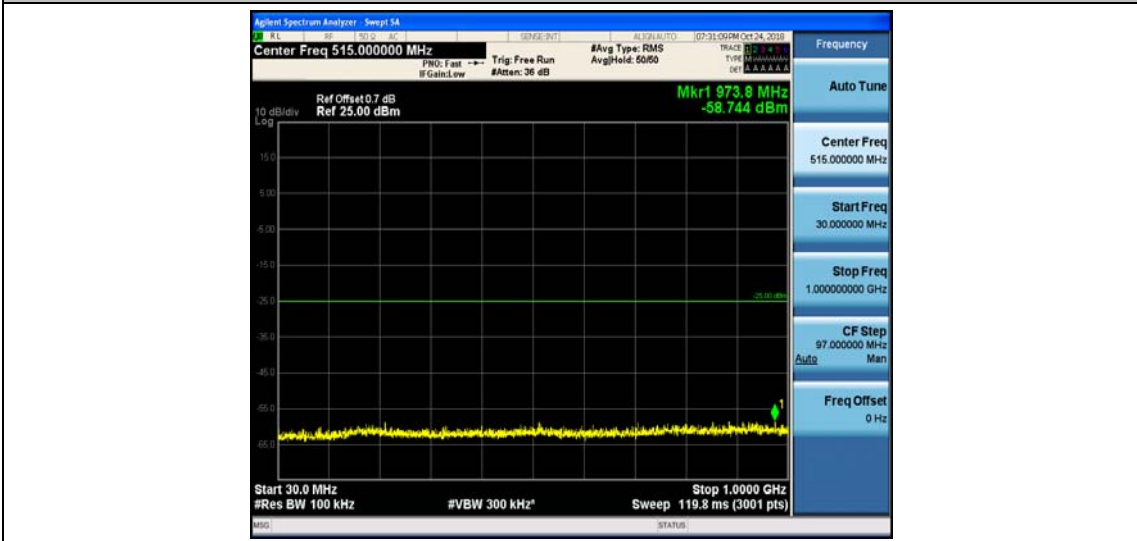
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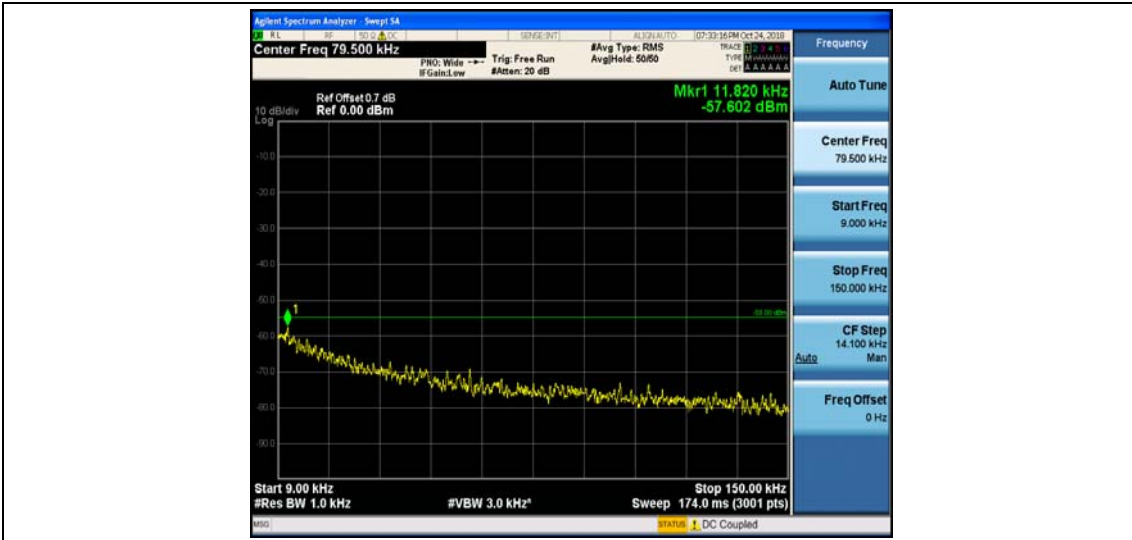
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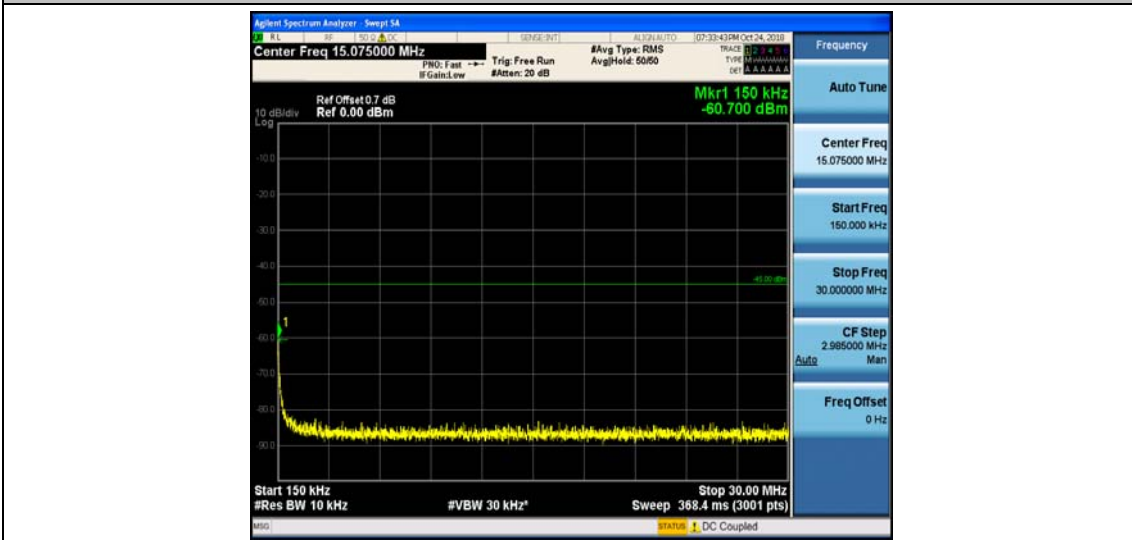
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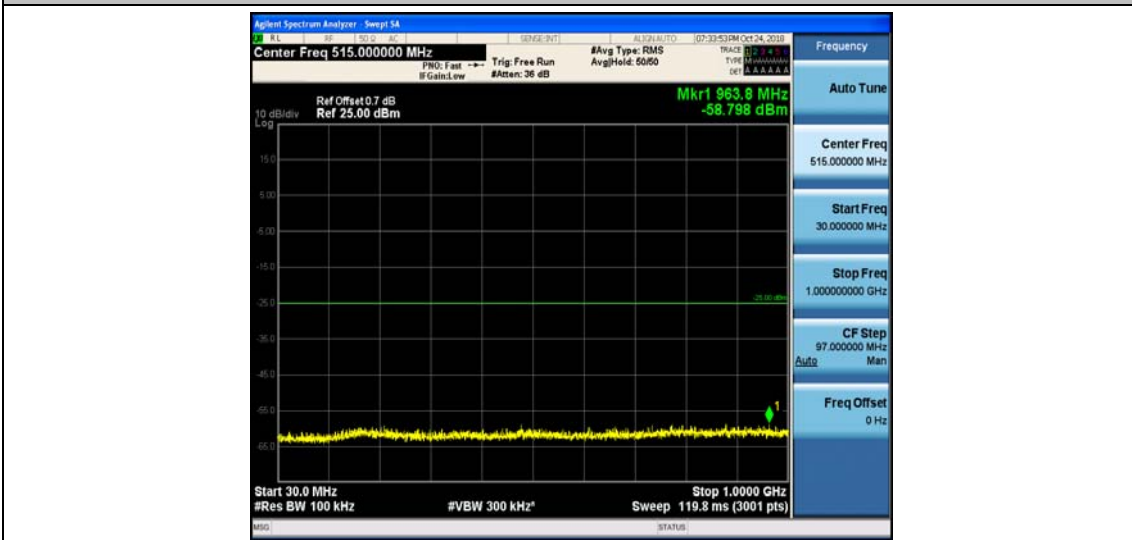
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Band7_20MHz_16QAM_21350_1RB#0



Band7_20MHz_16QAM_21350_1RB#0



Band7_20MHz_16QAM_21350_1RB#0



Appendix F: Frequency Stability

Test Result

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 | 3.86 | 0.001542 | ± 2.5 | PASS |
| | | VN | TN | 4.8 | 0.001918 | ± 2.5 | PASS |
| | | VH | TN | 3.72 | 0.001487 | ± 2.5 | PASS |
| | MCH | VL | TN | -1.16 | -0.000458 | ± 2.5 | PASS |
| | | VN | TN | 2.7 | 0.001065 | ± 2.5 | PASS |
| | | VH | TN | 2.04 | 0.000805 | ± 2.5 | PASS |
| | HCH | VL | TN | 0.25 | 0.000097 | ± 2.5 | PASS |
| | | VN | TN | -1.23 | -0.000479 | ± 2.5 | PASS |
| | | VH | TN | 2.02 | 0.000787 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | 4.55 | 0.001818 | ± 2.5 | PASS |
| | | VN | TN | 4.21 | 0.001682 | ± 2.5 | PASS |
| | | VH | TN | 2.08 | 0.000831 | ± 2.5 | PASS |
| | MCH | VL | TN | 0.23 | 0.000091 | ± 2.5 | PASS |
| | | VN | TN | -1.57 | -0.000619 | ± 2.5 | PASS |
| | | VH | TN | -0.29 | -0.000114 | ± 2.5 | PASS |
| | HCH | VL | TN | 1.43 | 0.000557 | ± 2.5 | PASS |
| | | VN | TN | -1.26 | -0.000491 | ± 2.5 | PASS |
| | | VH | TN | 0.99 | 0.000386 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VN | -30 | 4.67 | 0.001866 | ± 2.5 | PASS |
| | | VN | -20 | 1.12 | 0.000448 | ± 2.5 | PASS |
| | | VN | -10 | -0.72 | -0.000288 | ± 2.5 | PASS |
| | | VN | 0 | -0.68 | -0.000272 | ± 2.5 | PASS |
| | | VN | 10 | 0.83 | 0.000332 | ± 2.5 | PASS |
| | | VN | 20 | 2.32 | 0.000927 | ± 2.5 | PASS |
| | | VN | 30 | 0.17 | 0.000068 | ± 2.5 | PASS |
| | | VN | 40 | 3.55 | 0.001419 | ± 2.5 | PASS |
| | | VN | 50 | 4.5 | 0.001798 | ± 2.5 | PASS |
| | MCH | VN | -30 | -0.16 | -0.000063 | ± 2.5 | PASS |

| | | | | | | | |
|-----|-----|-------|-----|-------|-----------|-------|----------|
| | | VN | -20 | -0.93 | -0.000367 | ± 2.5 | PASS |
| | | VN | -10 | 2.21 | 0.000872 | ± 2.5 | PASS |
| | | VN | 0 | 0.99 | 0.000391 | ± 2.5 | PASS |
| | | VN | 10 | -1.04 | -0.000410 | ± 2.5 | PASS |
| | | VN | 20 | -1.91 | -0.000753 | ± 2.5 | PASS |
| | | VN | 30 | 1.41 | 0.000556 | ± 2.5 | PASS |
| | | VN | 40 | 4.65 | 0.001834 | ± 2.5 | PASS |
| | | VN | 50 | 4.11 | 0.001621 | ± 2.5 | PASS |
| | HCH | VN | -30 | 2.6 | 0.001013 | ± 2.5 | PASS |
| | | VN | -20 | -1.87 | -0.000728 | ± 2.5 | PASS |
| | | VN | -10 | -1.2 | -0.000467 | ± 2.5 | PASS |
| | | VN | 0 | 1.53 | 0.000596 | ± 2.5 | PASS |
| | | VN | 10 | 3.52 | 0.001371 | ± 2.5 | PASS |
| | | VN | 20 | -1.56 | -0.000608 | ± 2.5 | PASS |
| | | VN | 30 | -1.17 | -0.000456 | ± 2.5 | PASS |
| | | VN | 40 | -1.69 | -0.000658 | ± 2.5 | PASS |
| | | VN | 50 | 3.03 | 0.001180 | ± 2.5 | PASS |
| | | 16QAM | LCH | VN | -30 | 0.8 | 0.000320 |
| VN | -20 | | | 0.22 | 0.000088 | ± 2.5 | PASS |
| VN | -10 | | | -0.98 | -0.000392 | ± 2.5 | PASS |
| VN | 0 | | | -0.44 | -0.000176 | ± 2.5 | PASS |
| VN | 10 | | | -1 | -0.000400 | ± 2.5 | PASS |
| VN | 20 | | | -1.94 | -0.000775 | ± 2.5 | PASS |
| VN | 30 | | | -0.66 | -0.000264 | ± 2.5 | PASS |
| VN | 40 | | | -1.05 | -0.000420 | ± 2.5 | PASS |
| VN | 50 | | | 4.77 | 0.001906 | ± 2.5 | PASS |
| MCH | VN | | -30 | 3.81 | 0.001503 | ± 2.5 | PASS |
| | VN | | -20 | 0.35 | 0.000138 | ± 2.5 | PASS |
| | VN | | -10 | 0.13 | 0.000051 | ± 2.5 | PASS |
| | VN | | 0 | 1.76 | 0.000694 | ± 2.5 | PASS |
| | VN | | 10 | 2.81 | 0.001108 | ± 2.5 | PASS |
| | VN | | 20 | 4.74 | 0.001870 | ± 2.5 | PASS |
| | VN | | 30 | 4.71 | 0.001858 | ± 2.5 | PASS |
| | VN | | 40 | -1.85 | -0.000730 | ± 2.5 | PASS |
| | VN | | 50 | -1.56 | -0.000615 | ± 2.5 | PASS |
| HCH | VN | | -30 | -1.72 | -0.000670 | ± 2.5 | PASS |
| | VN | | -20 | 3.4 | 0.001324 | ± 2.5 | PASS |
| | VN | | -10 | 3.87 | 0.001507 | ± 2.5 | PASS |
| | VN | | 0 | 2.64 | 0.001028 | ± 2.5 | PASS |
| | VN | | 10 | -1.26 | -0.000491 | ± 2.5 | PASS |
| | VN | | 20 | 4.93 | 0.001920 | ± 2.5 | PASS |

| | | | | | | | |
|--|--|----|----|-------|-----------|-------|------|
| | | VN | 30 | 3.76 | 0.001464 | ± 2.5 | PASS |
| | | VN | 40 | 2.19 | 0.000853 | ± 2.5 | PASS |
| | | VN | 50 | -0.38 | -0.000148 | ± 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 | 3.52 | 0.001405 | ± 2.5 | PASS |
| | | VN | TN | -0.95 | -0.000379 | ± 2.5 | PASS |
| | | VH | TN | 4.32 | 0.001725 | ± 2.5 | PASS |
| | MCH | VL | TN | 0.69 | 0.000272 | ± 2.5 | PASS |
| | | VN | TN | 3.4 | 0.001341 | ± 2.5 | PASS |
| | | VH | TN | 0.23 | 0.000091 | ± 2.5 | PASS |
| | HCH | VL | TN | 0.23 | 0.000090 | ± 2.5 | PASS |
| | | VN | TN | 4.13 | 0.001610 | ± 2.5 | PASS |
| | | VH | TN | 0.31 | 0.000121 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | 0.77 | 0.000307 | ± 2.5 | PASS |
| | | VN | TN | 1.65 | 0.000659 | ± 2.5 | PASS |
| | | VH | TN | -1.94 | -0.000774 | ± 2.5 | PASS |
| | MCH | VL | TN | -1.16 | -0.000458 | ± 2.5 | PASS |
| | | VN | TN | 2.85 | 0.001124 | ± 2.5 | PASS |
| | | VH | TN | 2.99 | 0.001179 | ± 2.5 | PASS |
| | HCH | VL | TN | 0.72 | 0.000281 | ± 2.5 | PASS |
| | | VN | TN | 1.72 | 0.000671 | ± 2.5 | PASS |
| | | VH | TN | 1.78 | 0.000694 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 16QAM | LCH | VN | -30 | -0.2 | -0.000080 | ± 2.5 | PASS |
| | | VN | -20 | -1.04 | -0.000415 | ± 2.5 | PASS |
| | | VN | -10 | 0.68 | 0.000271 | ± 2.5 | PASS |
| | | VN | 0 | 1.25 | 0.000499 | ± 2.5 | PASS |
| | | VN | 10 | 0.02 | 0.000008 | ± 2.5 | PASS |
| | | VN | 20 | 4.14 | 0.001653 | ± 2.5 | PASS |
| | | VN | 30 | 1.6 | 0.000639 | ± 2.5 | PASS |
| | | VN | 40 | 4.85 | 0.001936 | ± 2.5 | PASS |
| | | VN | 50 | -1.39 | -0.000555 | ± 2.5 | PASS |
| | MCH | VN | -30 | 4.05 | 0.001598 | ± 2.5 | PASS |
| | | VN | -20 | 3.9 | 0.001538 | ± 2.5 | PASS |

| | | | | | | | | | |
|-----|-----|------|-----|-------|-----------|-------|----------|-------|------|
| | | VN | -10 | -1.86 | -0.000734 | ± 2.5 | PASS | | |
| | | VN | 0 | 4.27 | 0.001684 | ± 2.5 | PASS | | |
| | | VN | 10 | 1.9 | 0.000750 | ± 2.5 | PASS | | |
| | | VN | 20 | 3.86 | 0.001523 | ± 2.5 | PASS | | |
| | | VN | 30 | 2.11 | 0.000832 | ± 2.5 | PASS | | |
| | | VN | 40 | 1.03 | 0.000406 | ± 2.5 | PASS | | |
| | | VN | 50 | 2.89 | 0.001140 | ± 2.5 | PASS | | |
| | HCH | VN | -30 | 4.58 | 0.001786 | ± 2.5 | PASS | | |
| | | VN | -20 | 3.3 | 0.001287 | ± 2.5 | PASS | | |
| | | VN | -10 | 1.03 | 0.000402 | ± 2.5 | PASS | | |
| | | VN | 0 | -0.51 | -0.000199 | ± 2.5 | PASS | | |
| | | VN | 10 | -1.52 | -0.000593 | ± 2.5 | PASS | | |
| | | VN | 20 | -0.85 | -0.000331 | ± 2.5 | PASS | | |
| | | VN | 30 | 2.76 | 0.001076 | ± 2.5 | PASS | | |
| | | VN | 40 | 1.03 | 0.000402 | ± 2.5 | PASS | | |
| | | VN | 50 | -1.27 | -0.000495 | ± 2.5 | PASS | | |
| | | QPSK | LCH | VN | -30 | 4.43 | 0.001768 | ± 2.5 | PASS |
| | | | | VN | -20 | 3.39 | 0.001353 | ± 2.5 | PASS |
| VN | -10 | | | 4.56 | 0.001820 | ± 2.5 | PASS | | |
| VN | 0 | | | 0.84 | 0.000335 | ± 2.5 | PASS | | |
| VN | 10 | | | 4.5 | 0.001796 | ± 2.5 | PASS | | |
| VN | 20 | | | -0.84 | -0.000335 | ± 2.5 | PASS | | |
| VN | 30 | | | 1.31 | 0.000523 | ± 2.5 | PASS | | |
| VN | 40 | | | 0.01 | 0.000004 | ± 2.5 | PASS | | |
| VN | 50 | | | 2.5 | 0.000998 | ± 2.5 | PASS | | |
| MCH | VN | | -30 | 4.03 | 0.001590 | ± 2.5 | PASS | | |
| | VN | | -20 | -1.29 | -0.000509 | ± 2.5 | PASS | | |
| | VN | | -10 | 3.93 | 0.001550 | ± 2.5 | PASS | | |
| | VN | | 0 | -1.61 | -0.000635 | ± 2.5 | PASS | | |
| | VN | | 10 | 0.38 | 0.000150 | ± 2.5 | PASS | | |
| | VN | | 20 | 4.71 | 0.001858 | ± 2.5 | PASS | | |
| | VN | | 30 | 1.85 | 0.000730 | ± 2.5 | PASS | | |
| | VN | | 40 | 2.77 | 0.001093 | ± 2.5 | PASS | | |
| | VN | | 50 | 4.97 | 0.001961 | ± 2.5 | PASS | | |
| HCH | VN | | -30 | -0.82 | -0.000320 | ± 2.5 | PASS | | |
| | VN | | -20 | 0.75 | 0.000292 | ± 2.5 | PASS | | |
| | VN | | -10 | 4.13 | 0.001610 | ± 2.5 | PASS | | |
| | VN | | 0 | 0.83 | 0.000324 | ± 2.5 | PASS | | |
| | VN | | 10 | -1.58 | -0.000616 | ± 2.5 | PASS | | |
| | VN | | 20 | 2.39 | 0.000932 | ± 2.5 | PASS | | |
| | VN | | 30 | 4.86 | 0.001895 | ± 2.5 | PASS | | |

| | | | | | | | |
|--|--|----|----|-------|-----------|-------|------|
| | | VN | 40 | 2.9 | 0.001131 | ± 2.5 | PASS |
| | | VN | 50 | -0.34 | -0.000133 | ± 2.5 | PASS |

Channel Bandwidth: 15 MHz

| Channel Bandwidth: 15 MHz | | | | | | | |
|---------------------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Voltage | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VL | TN | 1.75 | 0.000698 | ± 2.5 | PASS |
| | | VN | TN | 2.43 | 0.000969 | ± 2.5 | PASS |
| | | VH | TN | 2.74 | 0.001093 | ± 2.5 | PASS |
| | MCH | VL | TN | 3.16 | 0.001247 | ± 2.5 | PASS |
| | | VN | TN | 2.53 | 0.000998 | ± 2.5 | PASS |
| | | VH | TN | 3.79 | 0.001495 | ± 2.5 | PASS |
| | HCH | VL | TN | 2.3 | 0.000898 | ± 2.5 | PASS |
| | | VN | TN | 0.31 | 0.000121 | ± 2.5 | PASS |
| | | VH | TN | -1.72 | -0.000671 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | 0.2 | 0.000080 | ± 2.5 | PASS |
| | | VN | TN | -0.65 | -0.000259 | ± 2.5 | PASS |
| | | VH | TN | 0.85 | 0.000339 | ± 2.5 | PASS |
| | MCH | VL | TN | -1.88 | -0.000742 | ± 2.5 | PASS |
| | | VN | TN | 4.96 | 0.001957 | ± 2.5 | PASS |
| | | VH | TN | 0.28 | 0.000110 | ± 2.5 | PASS |
| | HCH | VL | TN | 0.58 | 0.000226 | ± 2.5 | PASS |
| | | VN | TN | 4.11 | 0.001604 | ± 2.5 | PASS |
| | | VH | TN | 2.91 | 0.001136 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VN | -30 | 4.84 | 0.001930 | ± 2.5 | PASS |
| | | VN | -20 | -0.71 | -0.000283 | ± 2.5 | PASS |
| | | VN | -10 | -1.39 | -0.000554 | ± 2.5 | PASS |
| | | VN | 0 | -1.93 | -0.000770 | ± 2.5 | PASS |
| | | VN | 10 | 1.33 | 0.000530 | ± 2.5 | PASS |
| | | VN | 20 | -1.5 | -0.000598 | ± 2.5 | PASS |
| | | VN | 30 | -1.17 | -0.000467 | ± 2.5 | PASS |
| | | VN | 40 | 0.68 | 0.000271 | ± 2.5 | PASS |
| | | VN | 50 | 1.36 | 0.000542 | ± 2.5 | PASS |
| | MCH | VN | -30 | 3.32 | 0.001310 | ± 2.5 | PASS |
| | | VN | -20 | 1.05 | 0.000414 | ± 2.5 | PASS |
| | | VN | -10 | 3.71 | 0.001464 | ± 2.5 | PASS |

| | | | | | | | | | |
|-----|-----|------|-----|-------|-----------|-------|----------|-------|------|
| | | VN | 0 | -0.57 | -0.000225 | ± 2.5 | PASS | | |
| | | VN | 10 | 1.83 | 0.000722 | ± 2.5 | PASS | | |
| | | VN | 20 | 0.5 | 0.000197 | ± 2.5 | PASS | | |
| | | VN | 30 | 4.57 | 0.001803 | ± 2.5 | PASS | | |
| | | VN | 40 | 2.87 | 0.001132 | ± 2.5 | PASS | | |
| | | VN | 50 | 2.62 | 0.001034 | ± 2.5 | PASS | | |
| | HCH | VN | -30 | 2.43 | 0.000948 | ± 2.5 | PASS | | |
| | | VN | -20 | -0.23 | -0.000090 | ± 2.5 | PASS | | |
| | | VN | -10 | 1.74 | 0.000679 | ± 2.5 | PASS | | |
| | | VN | 0 | 3.16 | 0.001233 | ± 2.5 | PASS | | |
| | | VN | 10 | -0.88 | -0.000343 | ± 2.5 | PASS | | |
| | | VN | 20 | 4.46 | 0.001740 | ± 2.5 | PASS | | |
| | | VN | 30 | 0.78 | 0.000304 | ± 2.5 | PASS | | |
| | | VN | 40 | -1.9 | -0.000741 | ± 2.5 | PASS | | |
| | | VN | 50 | 4.93 | 0.001924 | ± 2.5 | PASS | | |
| | | QPSK | LCH | VN | -30 | 2.33 | 0.000929 | ± 2.5 | PASS |
| | | | | VN | -20 | 0.66 | 0.000263 | ± 2.5 | PASS |
| | | | | VN | -10 | 1.7 | 0.000678 | ± 2.5 | PASS |
| VN | 0 | | | 1.34 | 0.000534 | ± 2.5 | PASS | | |
| VN | 10 | | | -1.17 | -0.000467 | ± 2.5 | PASS | | |
| VN | 20 | | | 1.96 | 0.000782 | ± 2.5 | PASS | | |
| VN | 30 | | | 1.67 | 0.000666 | ± 2.5 | PASS | | |
| VN | 40 | | | 4.17 | 0.001663 | ± 2.5 | PASS | | |
| VN | 50 | | | -1.91 | -0.000762 | ± 2.5 | PASS | | |
| MCH | VN | | -30 | -1.27 | -0.000501 | ± 2.5 | PASS | | |
| | VN | | -20 | 4.91 | 0.001937 | ± 2.5 | PASS | | |
| | VN | | -10 | 2.62 | 0.001034 | ± 2.5 | PASS | | |
| | VN | | 0 | 4.54 | 0.001791 | ± 2.5 | PASS | | |
| | VN | | 10 | -1.41 | -0.000556 | ± 2.5 | PASS | | |
| | VN | | 20 | -0.23 | -0.000091 | ± 2.5 | PASS | | |
| | VN | | 30 | 3.25 | 0.001282 | ± 2.5 | PASS | | |
| | VN | | 40 | 1.9 | 0.000750 | ± 2.5 | PASS | | |
| | VN | | 50 | 1.57 | 0.000619 | ± 2.5 | PASS | | |
| HCH | VN | | -30 | 1.19 | 0.000464 | ± 2.5 | PASS | | |
| | VN | | -20 | -1.95 | -0.000761 | ± 2.5 | PASS | | |
| | VN | | -10 | 3.42 | 0.001335 | ± 2.5 | PASS | | |
| | VN | | 0 | 2.72 | 0.001061 | ± 2.5 | PASS | | |
| | VN | | 10 | 3.11 | 0.001214 | ± 2.5 | PASS | | |
| | VN | | 20 | 0.02 | 0.000008 | ± 2.5 | PASS | | |
| | VN | | 30 | 0.54 | 0.000211 | ± 2.5 | PASS | | |
| | VN | | 40 | 2.84 | 0.001108 | ± 2.5 | PASS | | |

| | | | | | | | |
|--|--|----|----|------|----------|-------|------|
| | | VN | 50 | 1.04 | 0.000406 | ± 2.5 | PASS |
|--|--|----|----|------|----------|-------|------|

Channel Bandwidth: 20 MHz

| Channel Bandwidth: 20 MHz | | | | | | | |
|---------------------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Voltage | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VL | TN | -0.14 | -0.000056 | ± 2.5 | PASS |
| | | VN | TN | -1.87 | -0.000745 | ± 2.5 | PASS |
| | | VH | TN | -1.77 | -0.000705 | ± 2.5 | PASS |
| | MCH | VL | TN | 4.94 | 0.001949 | ± 2.5 | PASS |
| | | VN | TN | 2.61 | 0.001030 | ± 2.5 | PASS |
| | | VH | TN | 0.76 | 0.000300 | ± 2.5 | PASS |
| | HCH | VL | TN | 3.15 | 0.001230 | ± 2.5 | PASS |
| | | VN | TN | 3.29 | 0.001285 | ± 2.5 | PASS |
| | | VH | TN | 1.35 | 0.000527 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | -1.68 | -0.000669 | ± 2.5 | PASS |
| | | VN | TN | 2.7 | 0.001076 | ± 2.5 | PASS |
| | | VH | TN | 0.57 | 0.000227 | ± 2.5 | PASS |
| | MCH | VL | TN | 3.84 | 0.001515 | ± 2.5 | PASS |
| | | VN | TN | -0.14 | -0.000055 | ± 2.5 | PASS |
| | | VH | TN | 4.53 | 0.001787 | ± 2.5 | PASS |
| | HCH | VL | TN | 3.36 | 0.001313 | ± 2.5 | PASS |
| | | VN | TN | 1.3 | 0.000508 | ± 2.5 | PASS |
| | | VH | TN | 1.09 | 0.000426 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VN | -30 | 3.69 | 0.001470 | ± 2.5 | PASS |
| | | VN | -20 | -0.37 | -0.000147 | ± 2.5 | PASS |
| | | VN | -10 | 3.71 | 0.001478 | ± 2.5 | PASS |
| | | VN | 0 | -1.59 | -0.000633 | ± 2.5 | PASS |
| | | VN | 10 | 2.72 | 0.001084 | ± 2.5 | PASS |
| | | VN | 20 | 3.79 | 0.001510 | ± 2.5 | PASS |
| | | VN | 30 | 0.88 | 0.000351 | ± 2.5 | PASS |
| | | VN | 40 | 3.15 | 0.001255 | ± 2.5 | PASS |
| | | VN | 50 | -1.8 | -0.000717 | ± 2.5 | PASS |
| | MCH | VN | -30 | 3.19 | 0.001258 | ± 2.5 | PASS |
| | | VN | -20 | 0.06 | 0.000024 | ± 2.5 | PASS |
| | | VN | -10 | -1.56 | -0.000615 | ± 2.5 | PASS |
| | | VN | 0 | 4.14 | 0.001633 | ± 2.5 | PASS |

| | | | | | | | |
|-----|-----|------|-----|-------|-----------|-------|----------|
| | | VN | 10 | -1.63 | -0.000643 | ± 2.5 | PASS |
| | | VN | 20 | -0.73 | -0.000288 | ± 2.5 | PASS |
| | | VN | 30 | -0.79 | -0.000312 | ± 2.5 | PASS |
| | | VN | 40 | 0.47 | 0.000185 | ± 2.5 | PASS |
| | | VN | 50 | -0.13 | -0.000051 | ± 2.5 | PASS |
| | HCH | VN | -30 | -1.62 | -0.000633 | ± 2.5 | PASS |
| | | VN | -20 | 0.63 | 0.000246 | ± 2.5 | PASS |
| | | VN | -10 | 4.91 | 0.001918 | ± 2.5 | PASS |
| | | VN | 0 | 4.95 | 0.001934 | ± 2.5 | PASS |
| | | VN | 10 | 2.81 | 0.001098 | ± 2.5 | PASS |
| | | VN | 20 | 0.95 | 0.000371 | ± 2.5 | PASS |
| | | VN | 30 | 2.75 | 0.001074 | ± 2.5 | PASS |
| | | VN | 40 | -0.35 | -0.000137 | ± 2.5 | PASS |
| | | VN | 50 | 0.83 | 0.000324 | ± 2.5 | PASS |
| | | QPSK | LCH | VN | -30 | 2.02 | 0.000805 |
| VN | -20 | | | 2.95 | 0.001175 | ± 2.5 | PASS |
| VN | -10 | | | 1.95 | 0.000777 | ± 2.5 | PASS |
| VN | 0 | | | 2.35 | 0.000936 | ± 2.5 | PASS |
| VN | 10 | | | 3.61 | 0.001438 | ± 2.5 | PASS |
| VN | 20 | | | 1.26 | 0.000502 | ± 2.5 | PASS |
| VN | 30 | | | 0.79 | 0.000315 | ± 2.5 | PASS |
| VN | 40 | | | 1.3 | 0.000518 | ± 2.5 | PASS |
| VN | 50 | | | -1.16 | -0.000462 | ± 2.5 | PASS |
| MCH | VN | | -30 | 1.25 | 0.000493 | ± 2.5 | PASS |
| | VN | | -20 | 0.2 | 0.000079 | ± 2.5 | PASS |
| | VN | | -10 | 2.62 | 0.001034 | ± 2.5 | PASS |
| | VN | | 0 | 0.66 | 0.000260 | ± 2.5 | PASS |
| | VN | | 10 | 2.77 | 0.001093 | ± 2.5 | PASS |
| | VN | | 20 | 2.67 | 0.001053 | ± 2.5 | PASS |
| | VN | | 30 | 0.47 | 0.000185 | ± 2.5 | PASS |
| | VN | | 40 | 0.86 | 0.000339 | ± 2.5 | PASS |
| | VN | | 50 | 2.87 | 0.001132 | ± 2.5 | PASS |
| HCH | VN | | -30 | -1.15 | -0.000449 | ± 2.5 | PASS |
| | VN | | -20 | -0.29 | -0.000113 | ± 2.5 | PASS |
| | VN | | -10 | 0.82 | 0.000320 | ± 2.5 | PASS |
| | VN | | 0 | 3.97 | 0.001551 | ± 2.5 | PASS |
| | VN | | 10 | 2.47 | 0.000965 | ± 2.5 | PASS |
| | VN | | 20 | -1.86 | -0.000727 | ± 2.5 | PASS |
| | VN | | 30 | 1.87 | 0.000730 | ± 2.5 | PASS |
| | VN | | 40 | -1.06 | -0.000414 | ± 2.5 | PASS |
| | VN | | 50 | 2.7 | 0.001055 | ± 2.5 | PASS |