# LTE Band7
# QPSK/16QAM Test Data

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# Appendix A: Effective (Isotropic) Radiated Power Output Data

## Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|---|---|---|---|---|---|---|
| Band7 | 5MHz | QPSK | 20775 | 1RB#0 | 20.76 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#12 | 20.83 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#24 | 20.72 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 12RB#0 | 19.63 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 12RB#6 | 19.68 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 12RB#13 | 19.68 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | 19.60 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#0 | 21.05 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#12 | 21.12 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#24 | 21.01 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 12RB#0 | 19.90 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 12RB#6 | 19.86 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 12RB#13 | 19.96 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | 19.93 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#0 | 20.95 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#12 | 20.96 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#24 | 20.85 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 12RB#0 | 19.85 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 12RB#6 | 19.82 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 12RB#13 | 19.84 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | 19.82 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#0 | 19.79 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#12 | 19.84 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#24 | 19.77 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 12RB#0 | 18.68 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 12RB#6 | 18.64 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 12RB#13 | 18.67 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | 18.67 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#0 | 20.08 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#12 | 20.09 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#24 | 20.07 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 12RB#0 | 18.90 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 12RB#6 | 18.94 | PASS |

| | | | | | | |
|---|---|---|---|---|---|---|
| Band7 | 5MHz | 16QAM | 21100 | 12RB#13 | 18.93 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | 18.96 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#0 | 20.13 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#12 | 20.21 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#24 | 20.07 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 12RB#0 | 18.88 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 12RB#6 | 18.90 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 12RB#13 | 18.91 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | 18.86 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#0 | 20.61 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#24 | 20.61 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#49 | 20.64 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 25RB#0 | 19.62 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 25RB#12 | 19.62 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 25RB#25 | 19.64 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | 19.60 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#0 | 20.88 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#24 | 20.86 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#49 | 20.95 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 25RB#0 | 19.92 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 25RB#12 | 19.87 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 25RB#25 | 19.91 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | 19.91 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#0 | 20.96 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#24 | 20.81 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#49 | 20.79 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 25RB#0 | 19.99 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 25RB#12 | 19.96 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 25RB#25 | 19.86 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | 19.94 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | 19.87 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#24 | 19.80 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#49 | 19.84 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#0 | 18.62 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#12 | 18.64 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#25 | 18.64 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | 18.64 | PASS |

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|---|---|---|---|---|---|---|
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | 20.01 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#24 | 20.06 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#49 | 20.14 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#0 | 18.83 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#12 | 18.91 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#25 | 18.93 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | 18.86 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | 20.18 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#24 | 20.04 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#49 | 19.97 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#0 | 19.03 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#12 | 18.99 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#25 | 18.88 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | 18.95 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#0 | 20.66 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#38 | 20.63 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#74 | 20.61 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 38RB#0 | 19.62 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 38RB#18 | 19.64 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 38RB#37 | 19.64 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | 19.61 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#0 | 20.93 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#38 | 20.90 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#74 | 21.04 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 38RB#0 | 19.95 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 38RB#18 | 19.92 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 38RB#37 | 19.91 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | 19.92 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#0 | 21.10 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#38 | 20.89 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#74 | 20.78 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 38RB#0 | 19.97 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 38RB#18 | 19.97 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 38RB#37 | 19.94 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | 20.02 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | 19.83 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#38 | 19.77 | PASS |

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|---|---|---|---|---|---|---|
| Band7 | 15MHz | 16QAM | 20825 | 1RB#74 | 19.85 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#0 | 19.64 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#18 | 19.66 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#37 | 19.68 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | 18.63 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | 20.09 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#38 | 20.03 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#74 | 20.19 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#0 | 19.93 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#18 | 19.91 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#37 | 19.95 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | 18.86 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | 20.37 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#38 | 20.21 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#74 | 20.04 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 38RB#0 | 19.94 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 38RB#18 | 20.01 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 38RB#37 | 19.97 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | 19.00 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#0 | 20.85 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#49 | 20.78 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#99 | 20.78 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 50RB#0 | 19.72 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 50RB#25 | 19.69 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 50RB#50 | 19.65 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | 19.69 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#0 | 21.04 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#49 | 21.05 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#99 | 21.23 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 50RB#0 | 19.93 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 50RB#25 | 19.92 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 50RB#50 | 19.98 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | 19.96 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#0 | 21.20 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#49 | 20.99 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#99 | 20.89 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 50RB#0 | 20.07 | PASS |

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|---|---|---|---|---|---|---|
| Band7 | 20MHz | QPSK | 21350 | 50RB#25 | 20.05 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 50RB#50 | 19.95 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | 20.00 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 19.85 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#49 | 19.77 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#99 | 19.79 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#0 | 18.72 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#25 | 18.70 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#50 | 18.65 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 18.66 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 20.08 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#49 | 19.96 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#99 | 20.19 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#0 | 18.91 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#25 | 18.90 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#50 | 18.98 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 18.95 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 20.36 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#49 | 20.16 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#99 | 20.01 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#0 | 19.11 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#25 | 19.07 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#50 | 18.95 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 19.00 | PASS |

## Appendix B: Peak-to-Average Ratio (CCDF)

### Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|---|---|---|---|---|---|---|---|
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | 5.36 | 13 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | 5.37 | 13 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | 5.30 | 13 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | 6.16 | 13 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | 6.15 | 13 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | 6.06 | 13 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | 5.24 | 13 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | 5.30 | 13 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | 5.22 | 13 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | 6.08 | 13 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | 6.12 | 13 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | 6.07 | 13 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | 5.33 | 13 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | 5.49 | 13 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | 5.48 | 13 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | 6.04 | 13 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | 6.18 | 13 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | 6.13 | 13 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | 5.03 | 13 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | 5.22 | 13 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | 5.32 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 5.93 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 6.02 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 6.09 | 13 | PASS |

## Test Graphs

| Band7-5MHz-QPSK-20775-25RB#0 |
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| Band7-5MHz-QPSK-21100-25RB#0 |
|---|
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| Band7-5MHz-QPSK-21425-25RB#0 |
|---|
| |

Band7-5MHz-16QAM-20775-25RB#0

Band7-5MHz-16QAM-21100-25RB#0

Band7-5MHz-16QAM-21425-25RB#0

Band7-10MHz-QPSK-20800-50RB#0

Band7-10MHz-QPSK-21100-50RB#0

Band7-10MHz-QPSK-21400-50RB#0

Band7-10MHz-16QAM-20800-50RB#0

Band7-10MHz-16QAM-21100-50RB#0

Band7-10MHz-16QAM-21400-50RB#0

Band7-15MHz-QPSK-20825-75RB#0

Band7-15MHz-QPSK-21100-75RB#0

Band7-15MHz-QPSK-21375-75RB#0

Band7-15MHz-16QAM-20825-75RB#0

Band7-15MHz-16QAM-21100-75RB#0

Band7-15MHz-16QAM-21375-75RB#0

Band7-20MHz-QPSK-20850-100RB#0

Band7-20MHz-QPSK-21100-100RB#0

Band7-20MHz-QPSK-21350-100RB#0

Band7-20MHz-16QAM-20850-100RB#0

Band7-20MHz-16QAM-21100-100RB#0

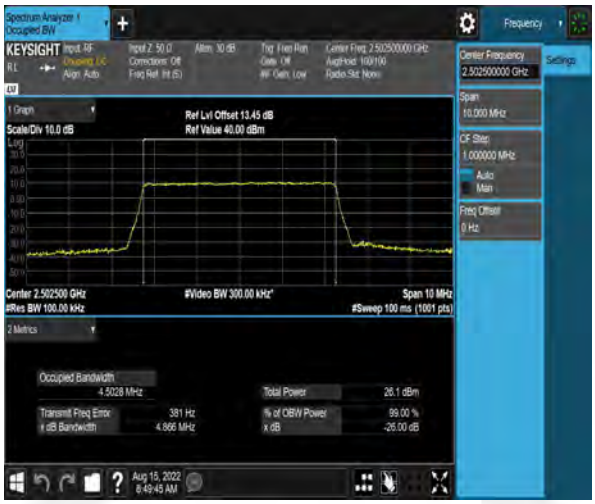
Band7-20MHz-16QAM-21350-100RB#0

# Appendix C: 26dB Bandwidth and Occupied Bandwidth

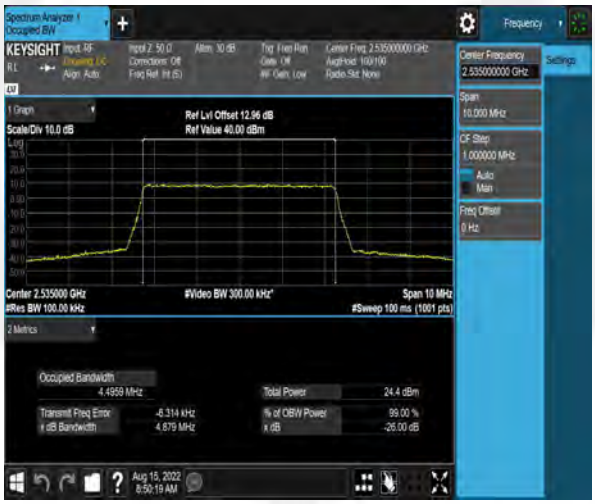
## Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|---|---|---|---|---|---|---|---|
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | 4.5028 | 4.866 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | 4.4959 | 4.879 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | 4.4970 | 4.869 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | 4.5037 | 4.858 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | 4.4998 | 4.849 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | 4.4995 | 4.876 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | 8.9673 | 9.542 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | 8.9840 | 9.575 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | 8.9863 | 9.532 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | 8.9537 | 9.516 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | 8.9659 | 9.517 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | 8.9728 | 9.513 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | 13.427 | 14.24 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | 13.472 | 14.30 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | 13.461 | 14.28 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | 13.416 | 14.23 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | 13.455 | 14.26 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | 13.459 | 14.30 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | 17.853 | 18.91 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | 17.933 | 18.96 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | 17.953 | 18.99 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 17.857 | 18.91 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 17.911 | 18.97 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 17.972 | 18.99 | PASS |

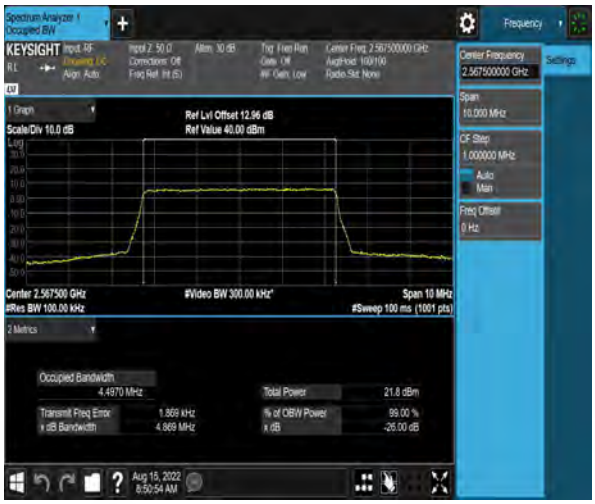
## Test Graphs

| Band7-5MHz-QPSK-20775-25RB#0 |
|---|
|  |

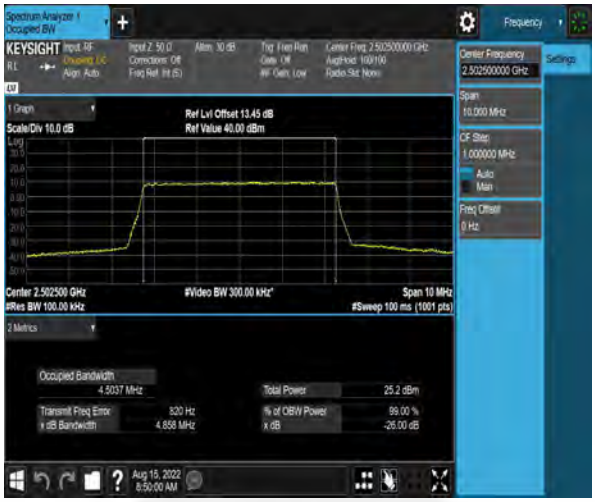


| Band7-5MHz-QPSK-21100-25RB#0 |
|---|
|  |

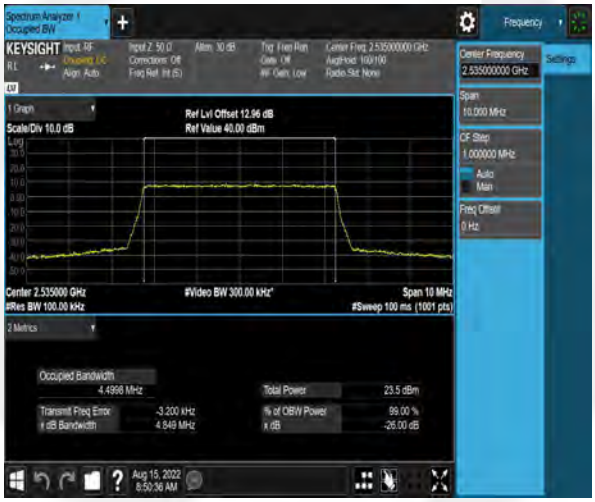


| Band7-5MHz-QPSK-21425-25RB#0 |
|---|
|  |

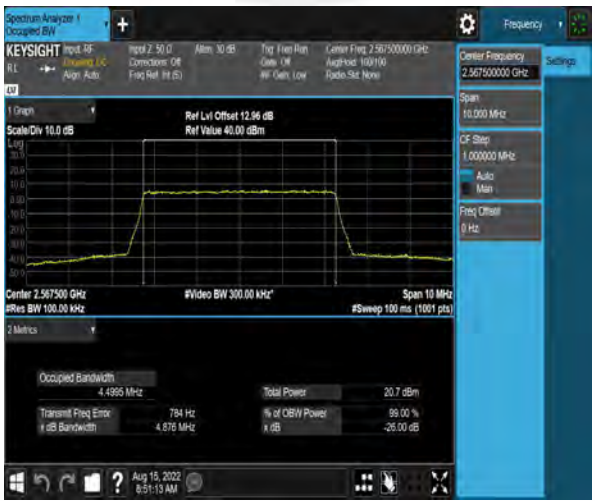
Band7-5MHz-16QAM-20775-25RB#0



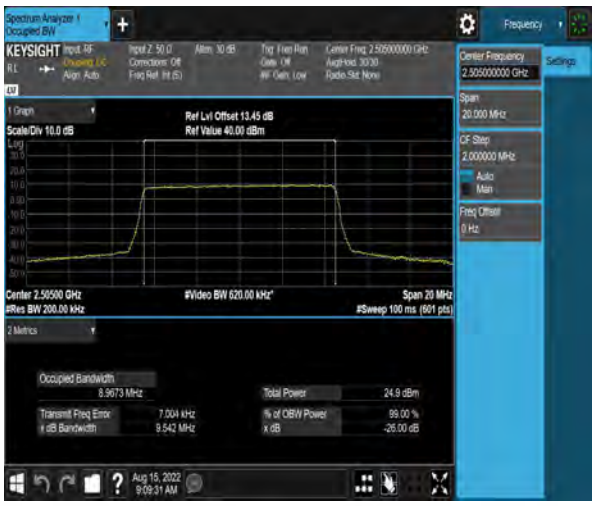

Band7-5MHz-16QAM-21100-25RB#0



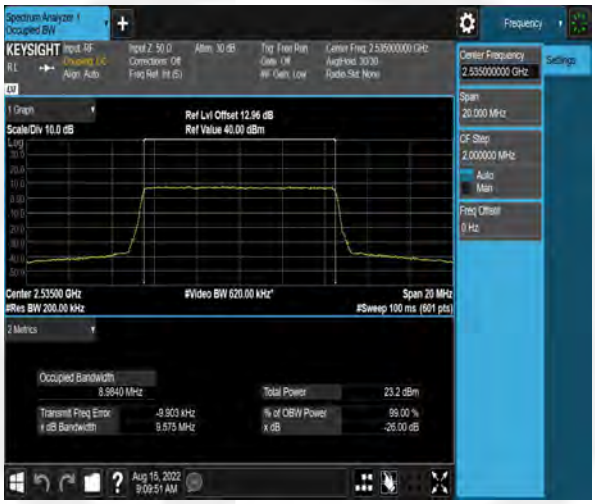

Band7-5MHz-16QAM-21425-25RB#0



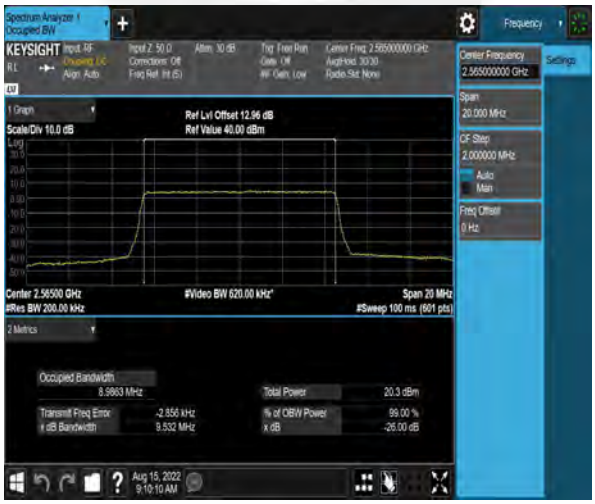

Band7-10MHz-QPSK-20800-50RB#0



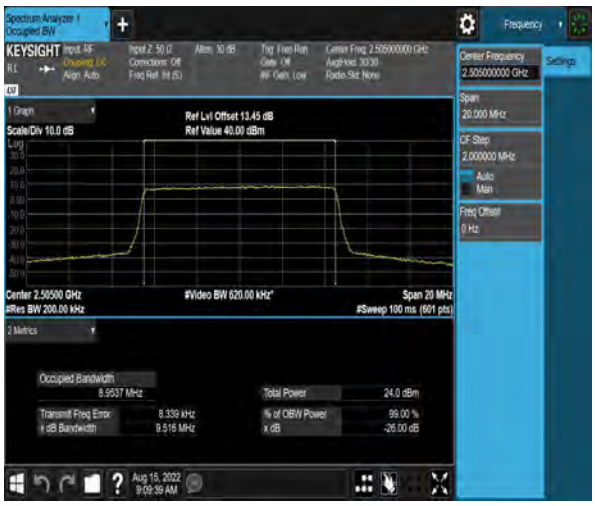

Band7-10MHz-QPSK-21100-50RB#0



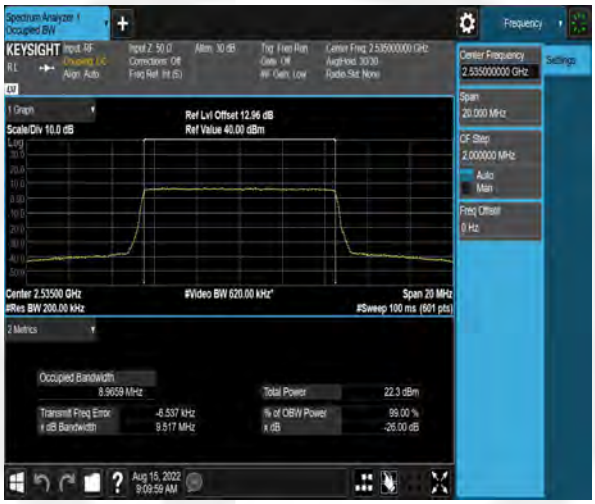

Band7-10MHz-QPSK-21400-50RB#0



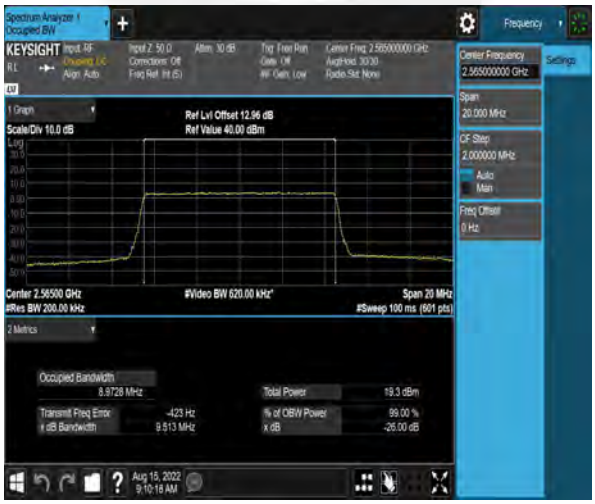

Band7-10MHz-16QAM-20800-50RB#0



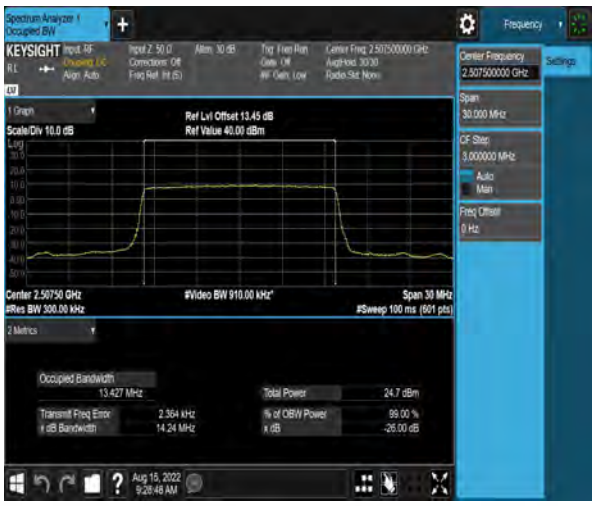

Band7-10MHz-16QAM-21100-50RB#0



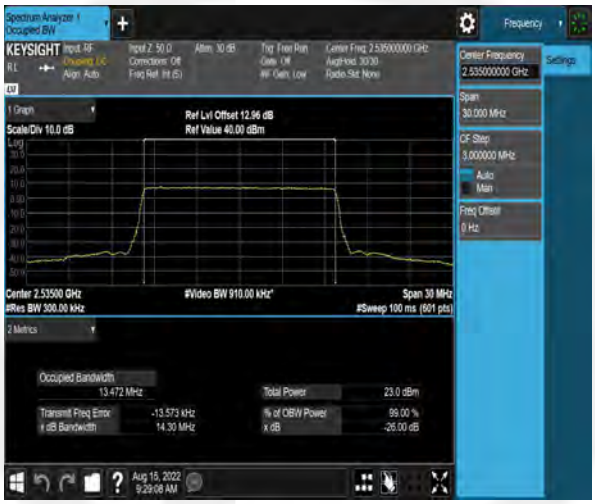

Band7-10MHz-16QAM-21400-50RB#0



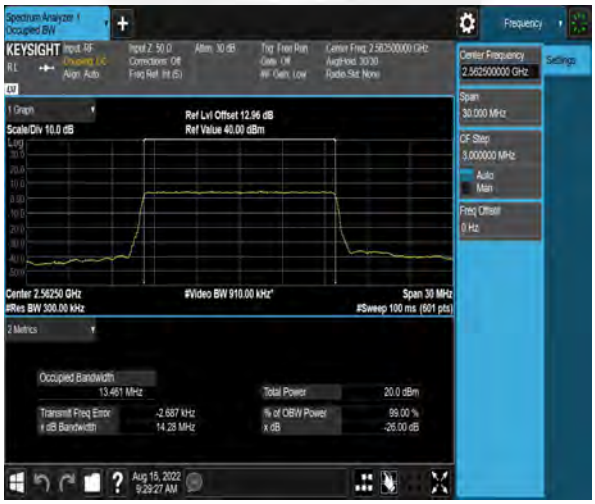

Band7-15MHz-QPSK-20825-75RB#0



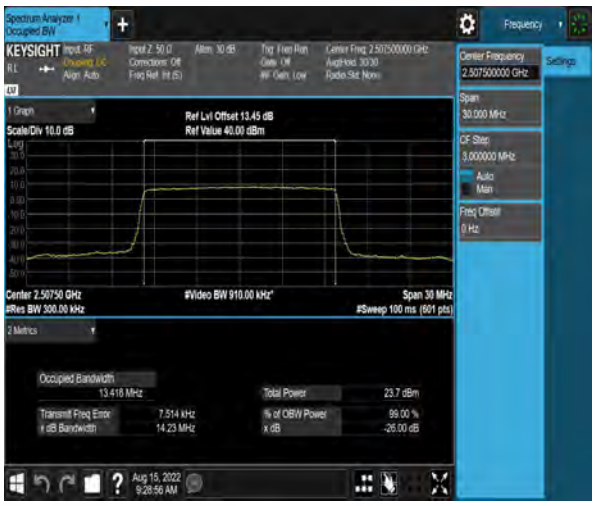

Band7-15MHz-QPSK-21100-75RB#0



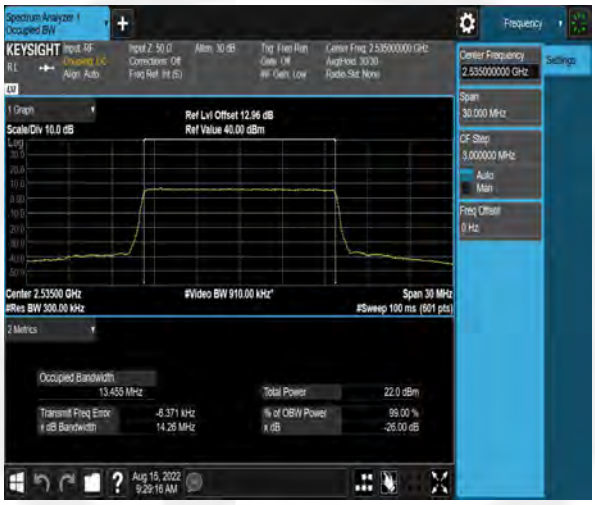

Band7-15MHz-QPSK-21375-75RB#0



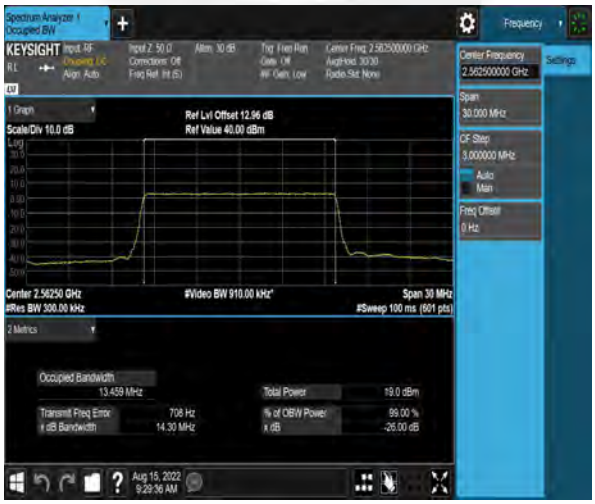

Band7-15MHz-16QAM-20825-75RB#0



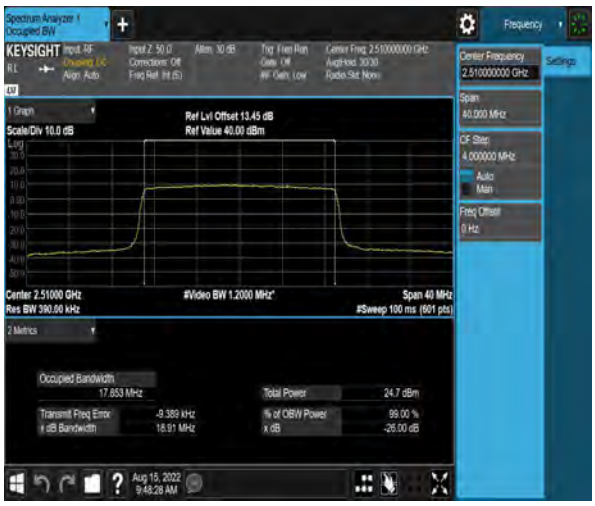

Band7-15MHz-16QAM-21100-75RB#0



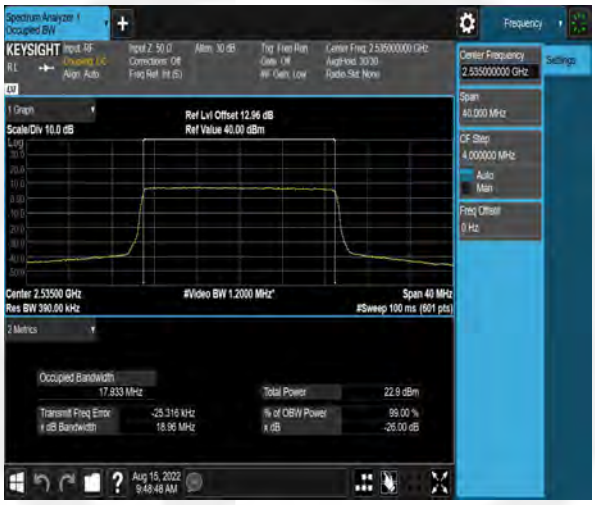

Band7-15MHz-16QAM-21375-75RB#0



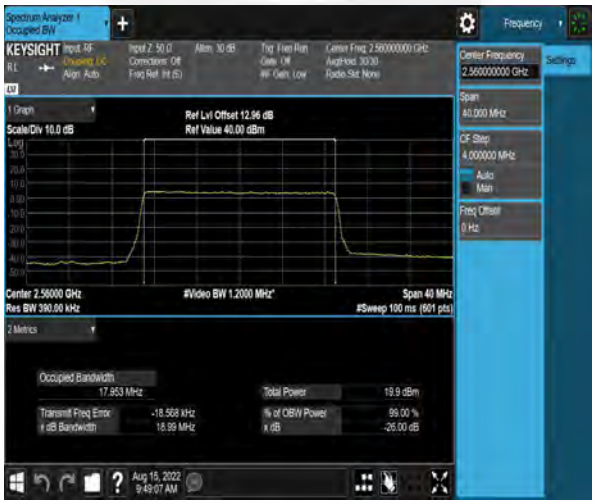

Band7-20MHz-QPSK-20850-100RB#0



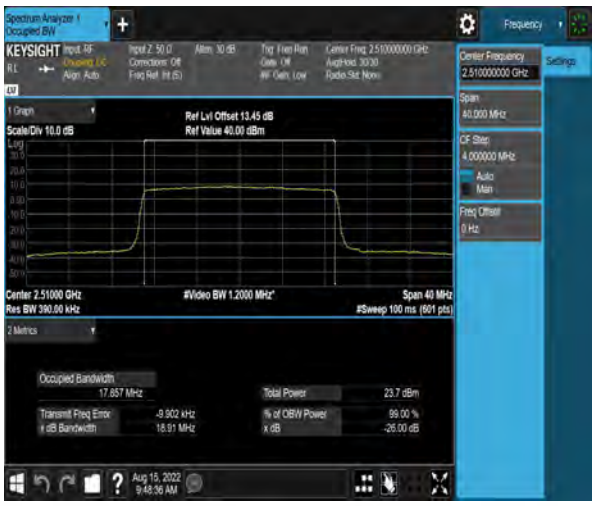

Band7-20MHz-QPSK-21100-100RB#0



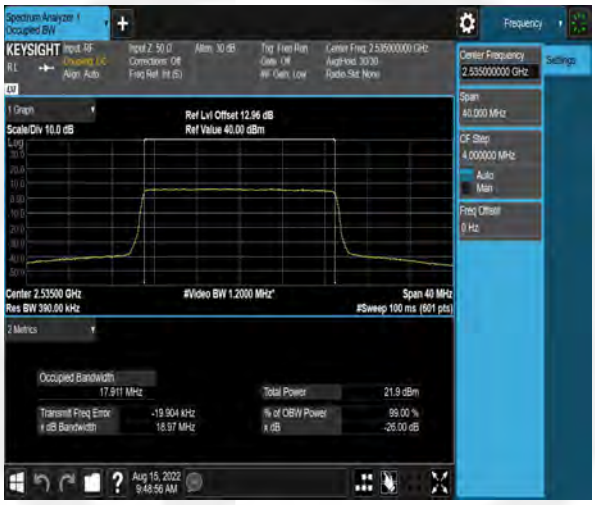

Band7-20MHz-QPSK-21350-100RB#0



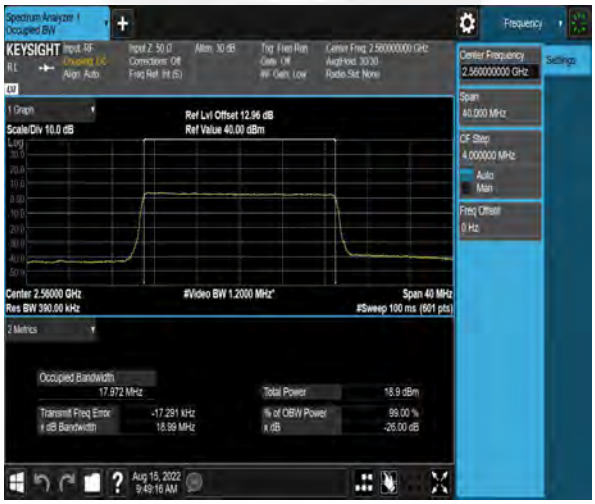

Band7-20MHz-16QAM-20850-100RB#0




Band7-20MHz-16QAM-21100-100RB#0




Band7-20MHz-16QAM-21350-100RB#0

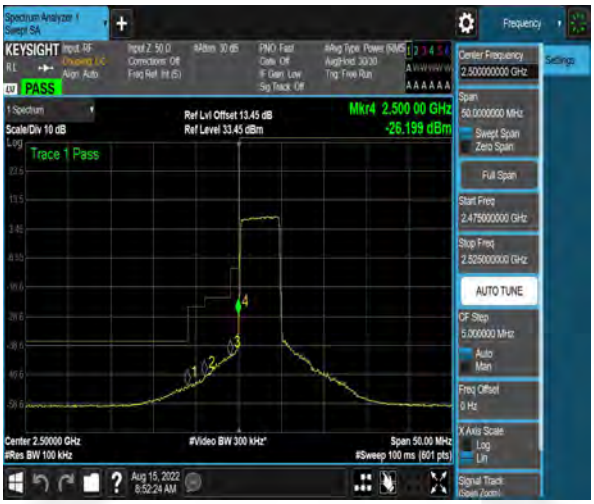
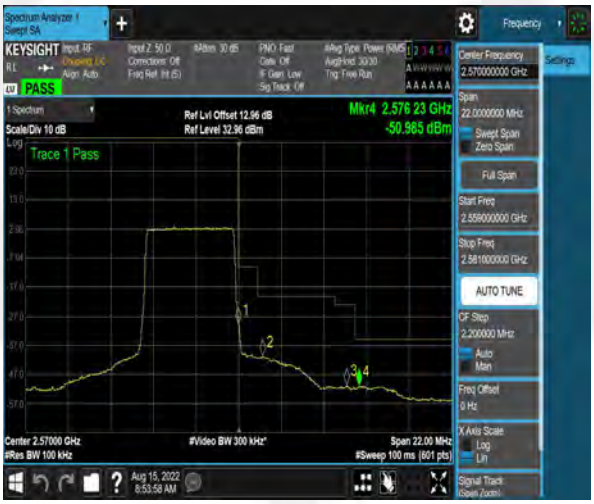


# Appendix D: Band Edge

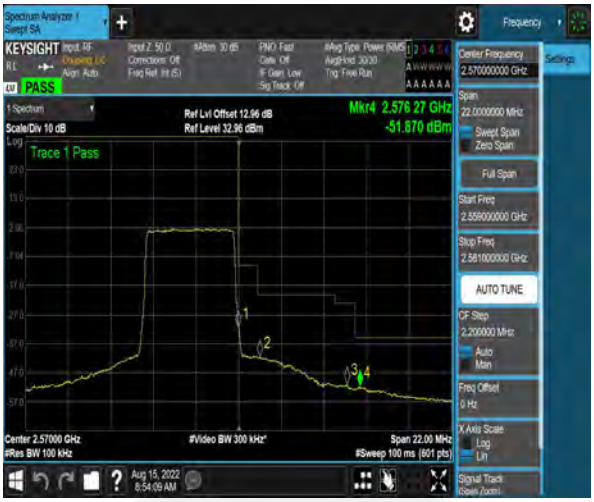
## Test Result

| Band | Bandwidth | Modulation | Channel | RB Config. | Result (dBm) | Verdict |
|---|---|---|---|---|---|---|
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | -50.83,-47.42,-40.44,-26.20 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | -29.79,-40.91,-50.76,-50.99 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | -52.49,-49.66,-40.58,-27.12 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | -31.65,-41.81,-51.05,-51.87 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | -51.41,-43.10,-39.50,-30.11 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | -34.23,-40.03,-43.44,-50.58 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | -51.59,-43.20,-39.99,-31.97 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | -34.64,-40.91,-44.19,-50.62 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | -44.09,-38.35,-36.26,-30.80 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | -33.41,-37.90,-41.01,-50.03 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | -44.90,-39.38,-37.45,-32.57 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | -35.71,-39.12,-42.02,-50.53 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | -38.46,-36.58,-34.59,-31.59 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | -35.49,-39.06,-40.78,-50.58 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | -38.98,-37.04,-35.78,-32.92 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | -37.28,-40.12,-40.81,-50.64 | PASS |

## Test Graphs

| Band7-5MHz-QPSK-20775-25RB#0 |
| --- |
|  |
| Band7-5MHz-QPSK-21425-25RB#0 |
|  |
| Band7-5MHz-16QAM-20775-25RB#0 |
| |

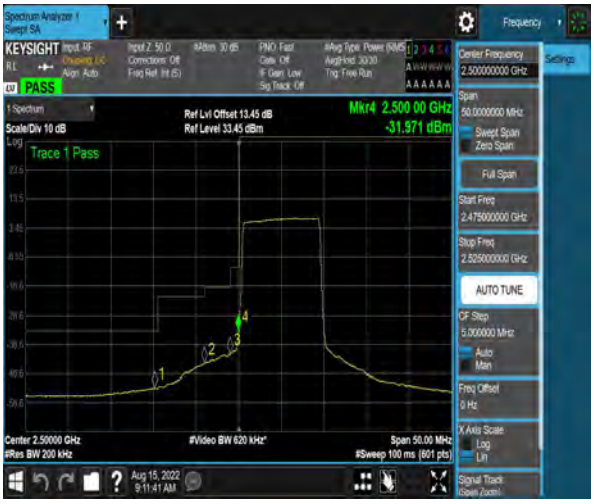
Band7-5MHz-16QAM-21425-25RB#0



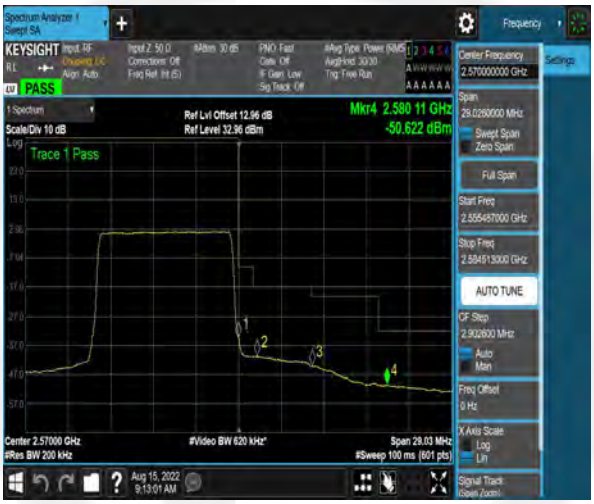

Band7-10MHz-QPSK-20800-50RB#0

Band7-10MHz-QPSK-21400-50RB#0

Band7-10MHz-16QAM-20800-50RB#0

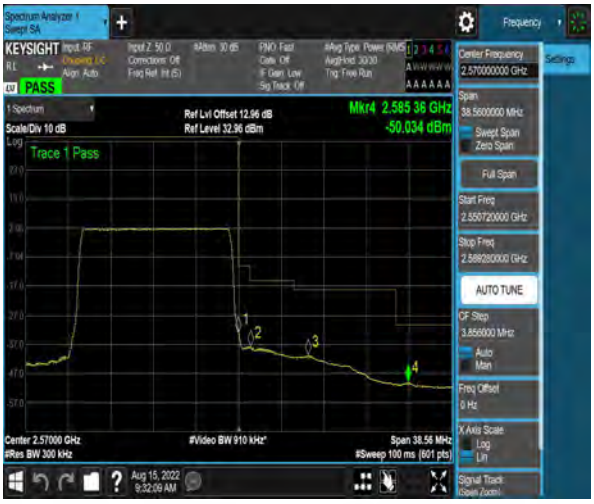



Band7-10MHz-16QAM-21400-50RB#0



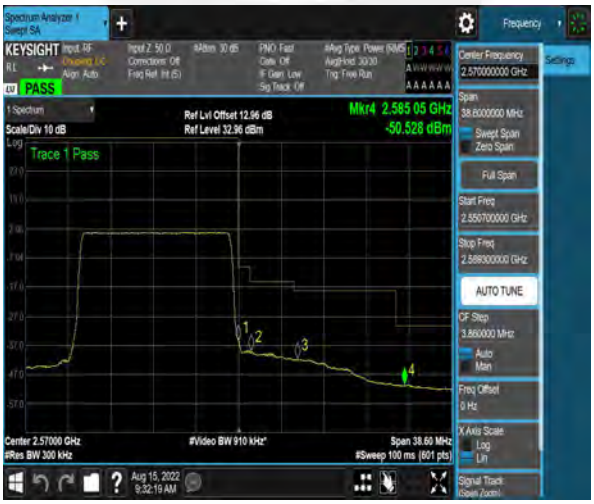

Band7-15MHz-QPSK-20825-75RB#0

Band7-15MHz-QPSK-21375-75RB#0



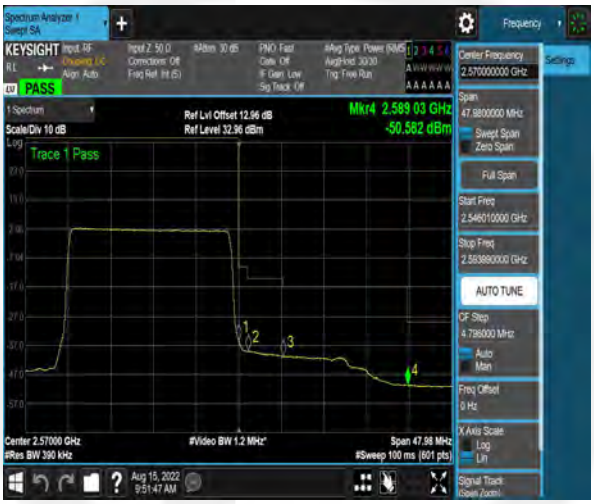

Band7-15MHz-16QAM-20825-75RB#0

Band7-15MHz-16QAM-21375-75RB#0



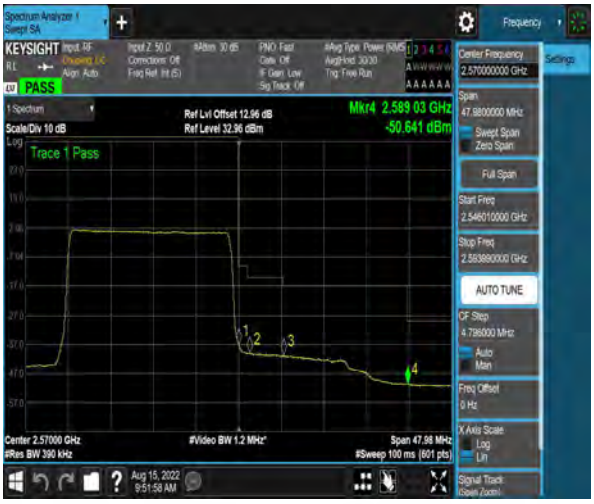

Band7-20MHz-QPSK-20850-100RB#0

Band7-20MHz-QPSK-21350-100RB#0




Band7-20MHz-16QAM-20850-100RB#0

Band7-20MHz-16QAM-21350-100RB#0


Spectrum Analyzer 1
Swept SA
KEYSIGHT
PASS
Ref Lvl Offset 12.96 dB
Ref Level 32.96 dBm
Mkr4 2.589 03 GHz
-50.641 dBm
Scale/Div 10 dB
Trace 1 Pass
Center 2.57000 GHz
#Res BW 390 kHz
#Video BW 1.2 MHz*
Span 47.98 MHz
#Sweep 100 ms (601 pts)
Center Frequency
2.570000000 GHz
Span
47.9800000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.546010000 GHz
Stop Freq
2.593990000 GHz
AUTO TUNE
CF Step
4.796000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
Aug 15, 2022
9:51:58 AM

# Appendix E: Conducted Spurious Emission

## Test Result

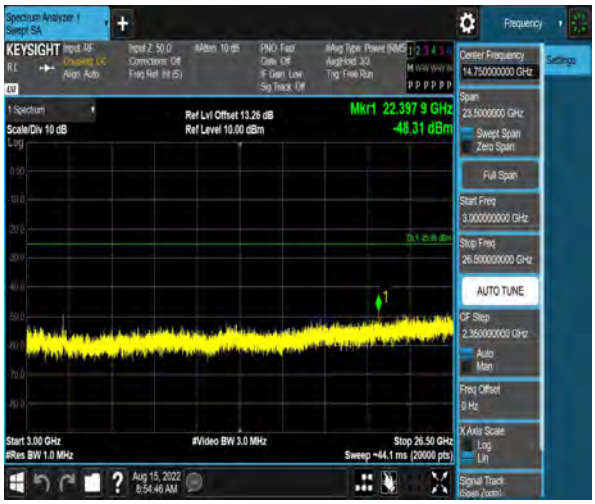
| Band | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|---|---|---|---|---|---|---|---|
| Band7 | 5MHz | QPSK | 20775 | 1RB#0 | Range1:30~1000MHz | -66.71 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#0 | Range2:1000~3000MHz | -37.93 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#0 | Range3:3000~26500MHz | -48.32 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#0 | Range1:30~1000MHz | -66.33 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#0 | Range2:1000~3000MHz | -38.51 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#0 | Range3:3000~26500MHz | -48.66 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#0 | Range1:30~1000MHz | -67.14 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#0 | Range2:1000~3000MHz | -39.7 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#0 | Range3:3000~26500MHz | -47.69 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#0 | Range1:30~1000MHz | -66.68 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#0 | Range2:1000~3000MHz | -39.22 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#0 | Range3:3000~26500MHz | -46.92 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#0 | Range1:30~1000MHz | -66.2 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#0 | Range2:1000~3000MHz | -39.61 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#0 | Range3:3000~26500MHz | -48.8 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#0 | Range1:30~1000MHz | -66.8 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#0 | Range2:1000~ | -39.5 | PASS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | 3000MHz | | |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#0 | Range3:3000~26500MHz | -48.08 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#0 | Range1:30~1000MHz | -65.99 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#0 | Range2:1000~3000MHz | -39.22 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#0 | Range3:3000~26500MHz | -47.18 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#0 | Range1:30~1000MHz | -66.09 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#0 | Range2:1000~3000MHz | -40.37 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#0 | Range3:3000~26500MHz | -47.46 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#0 | Range1:30~1000MHz | -63.85 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#0 | Range2:1000~3000MHz | -40.04 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#0 | Range3:3000~26500MHz | -48.3 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | Range1:30~1000MHz | -64.78 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | Range2:1000~3000MHz | -39.65 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | Range3:3000~26500MHz | -48.45 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | Range1:30~1000MHz | -67.63 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | Range2:1000~3000MHz | -39.48 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | Range3:3000~26500MHz | -47.92 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | Range1:30~1000MHz | -63.56 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | Range2:1000~3000MHz | -39.38 | PASS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | Range3:3000~26500MHz | -48.59 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#0 | Range1:30~1000MHz | -66.64 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#0 | Range2:1000~3000MHz | -39.73 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#0 | Range3:3000~26500MHz | -48.91 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#0 | Range1:30~1000MHz | -66.01 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#0 | Range2:1000~3000MHz | -39.64 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#0 | Range3:3000~26500MHz | -47.24 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#0 | Range1:30~1000MHz | -67.23 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#0 | Range2:1000~3000MHz | -39.82 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#0 | Range3:3000~26500MHz | -47.95 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | Range1:30~1000MHz | -67.82 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | Range2:1000~3000MHz | -38.39 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | Range3:3000~26500MHz | -48.15 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | Range1:30~1000MHz | -67 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | Range2:1000~3000MHz | -39.19 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | Range3:3000~26500MHz | -48.39 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | Range1:30~1000MHz | -66.6 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | Range2:1000~3000MHz | -39.93 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | Range3:3000~ | -48.34 | PASS |

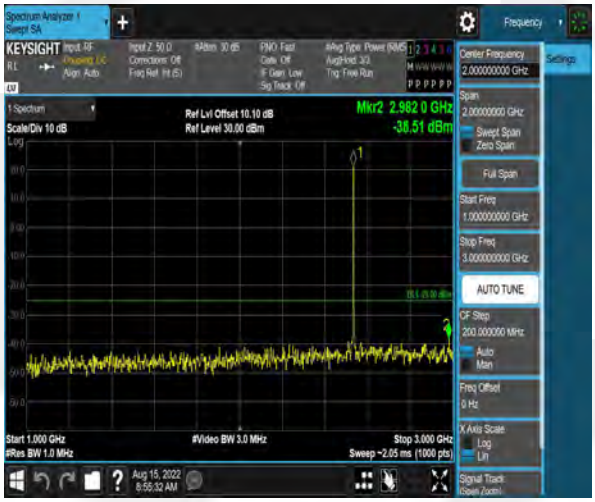
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | 26500MHz | | |
| Band7 | 20MHz | QPSK | 20850 | 1RB#0 | Range1:30~1000MHz | -66.48 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#0 | Range2:1000~3000MHz | -39.74 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#0 | Range3:3000~26500MHz | -48.85 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#0 | Range1:30~1000MHz | -66.08 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#0 | Range2:1000~3000MHz | -39.56 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#0 | Range3:3000~26500MHz | -48.3 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#0 | Range1:30~1000MHz | -66.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#0 | Range2:1000~3000MHz | -40.4 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#0 | Range3:3000~26500MHz | -47.65 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | Range1:30~1000MHz | -66.87 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | Range2:1000~3000MHz | -39.18 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | Range3:3000~26500MHz | -47.1 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | Range1:30~1000MHz | -66.91 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | Range2:1000~3000MHz | -39.61 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | Range3:3000~26500MHz | -46.82 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | Range1:30~1000MHz | -67.7 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | Range2:1000~3000MHz | -39.87 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | Range3:3000~26500MHz | -47.72 | PASS |

## Test Graphs

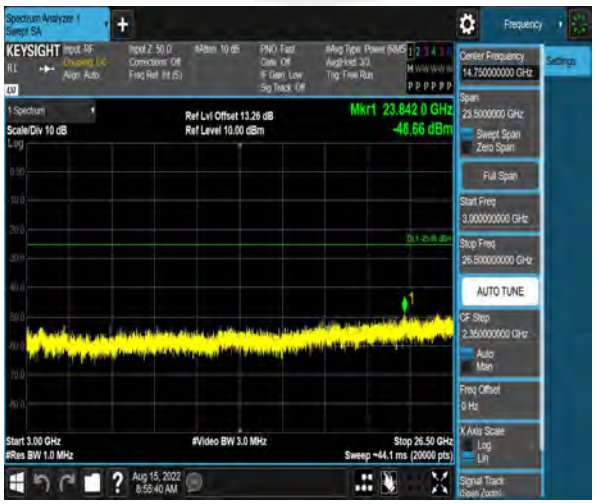
| Band7-5MHz-QPSK-20775-1RB#0-Range1:30~1000MHz |
|---|
| |
| Band7-5MHz-QPSK-20775-1RB#0-Range2:1000~3000MHz |
| |
| Band7-5MHz-QPSK-20775-1RB#0-Range3:3000~26500MHz |
|  |

Band7-5MHz-QPSK-21100-1RB#0-Range1:30~1000MHz

Band7-5MHz-QPSK-21100-1RB#0-Range2:1000~3000MHz

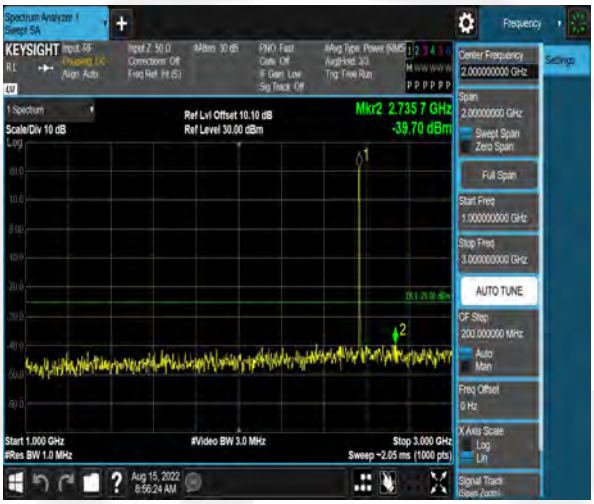



Band7-5MHz-QPSK-21100-1RB#0-Range3:3000~26500MHz

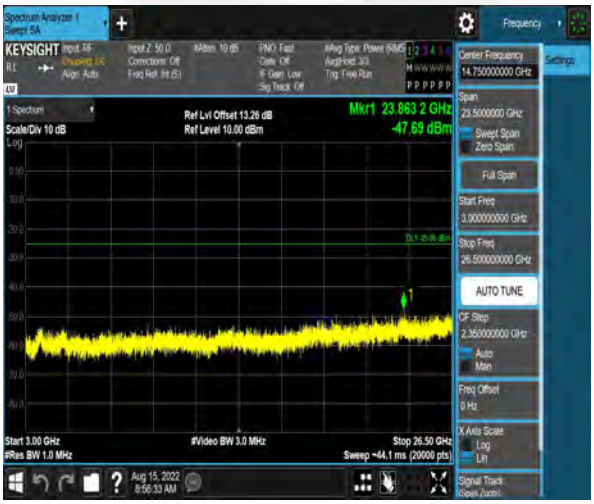



Band7-5MHz-QPSK-21425-1RB#0-Range1:30~1000MHz

Band7-5MHz-QPSK-21425-1RB#0-Range2:1000~3000MHz



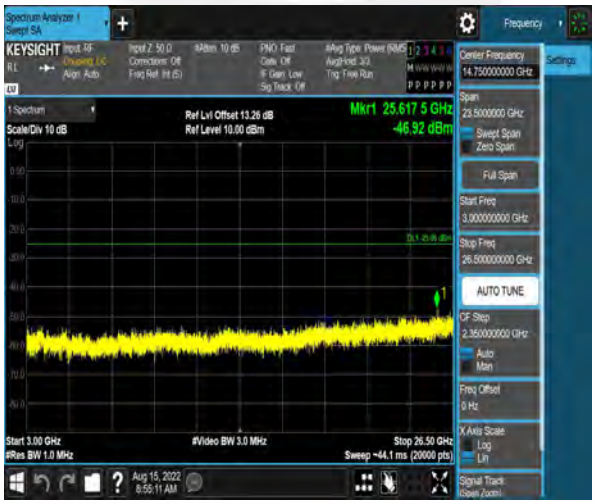

Band7-5MHz-QPSK-21425-1RB#0-Range3:3000~26500MHz



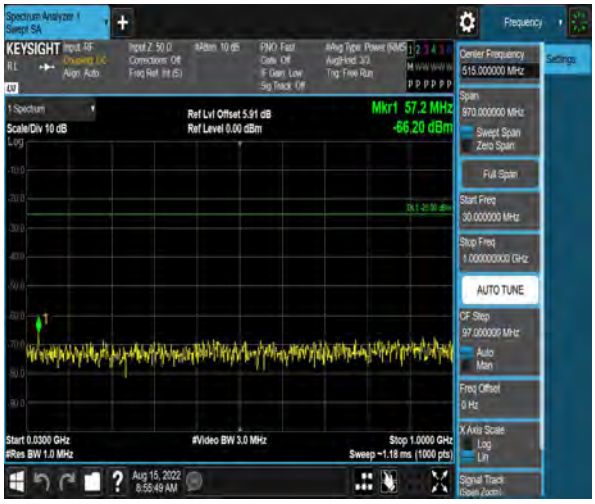

Band7-5MHz-16QAM-20775-1RB#0-Range1:30~1000MHz

Band7-5MHz-16QAM-20775-1RB#0-Range2:1000~3000MHz

Band7-5MHz-16QAM-20775-1RB#0-Range3:3000~26500MHz

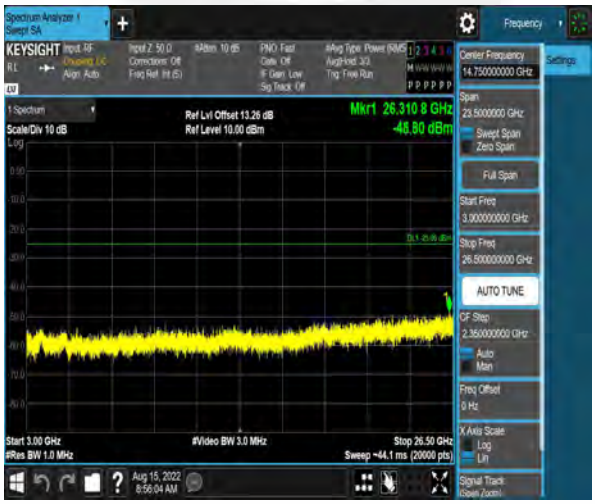



Band7-5MHz-16QAM-21100-1RB#0-Range1:30~1000MHz




Band7-5MHz-16QAM-21100-1RB#0-Range2:1000~3000MHz

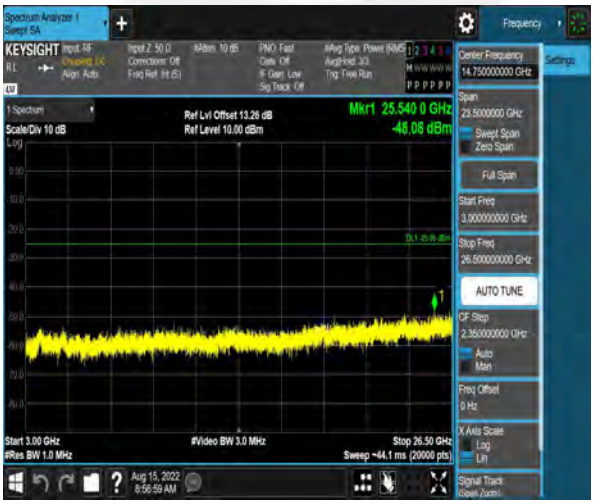
Band7-5MHz-16QAM-21100-1RB#0-Range3:3000~26500MHz




Band7-5MHz-16QAM-21425-1RB#0-Range1:30~1000MHz

Band7-5MHz-16QAM-21425-1RB#0-Range2:1000~3000MHz

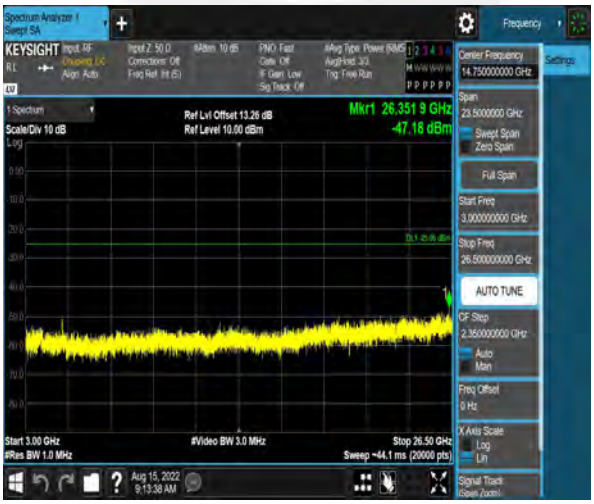
Band7-5MHz-16QAM-21425-1RB#0-Range3:3000~26500MHz




Band7-10MHz-QPSK-20800-1RB#0-Range1:30~1000MHz

Band7-10MHz-QPSK-20800-1RB#0-Range2:1000~3000MHz

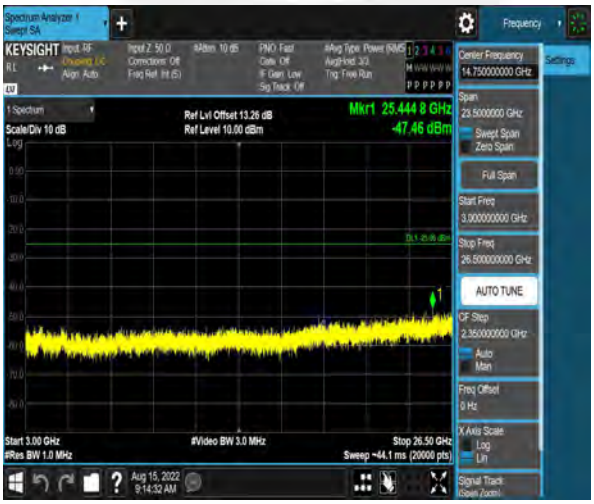
Band7-10MHz-QPSK-20800-1RB#0-Range3:3000~26500MHz




Band7-10MHz-QPSK-21100-1RB#0-Range1:30~1000MHz

Band7-10MHz-QPSK-21100-1RB#0-Range2:1000~3000MHz

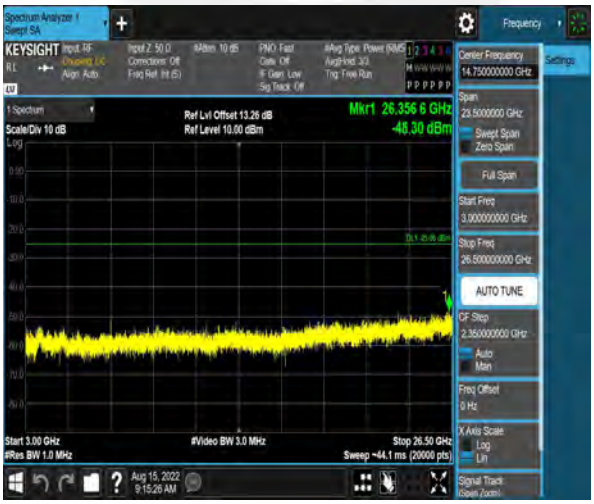
Band7-10MHz-QPSK-21100-1RB#0-Range3:3000~26500MHz




Band7-10MHz-QPSK-21400-1RB#0-Range1:30~1000MHz

Band7-10MHz-QPSK-21400-1RB#0-Range2:1000~3000MHz

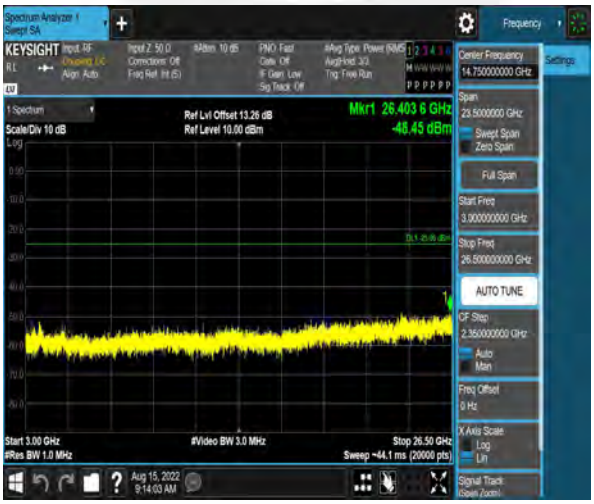
Band7-10MHz-QPSK-21400-1RB#0-Range3:3000~26500MHz




Band7-10MHz-16QAM-20800-1RB#0-Range1:30~1000MHz

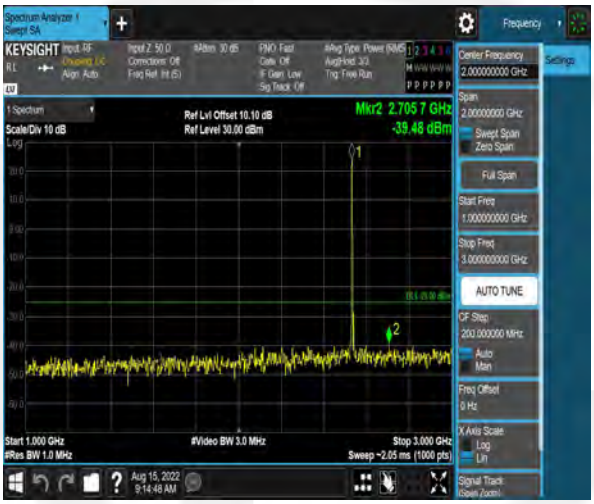
Band7-10MHz-16QAM-20800-1RB#0-Range2:1000~3000MHz

Band7-10MHz-16QAM-20800-1RB#0-Range3:3000~26500MHz

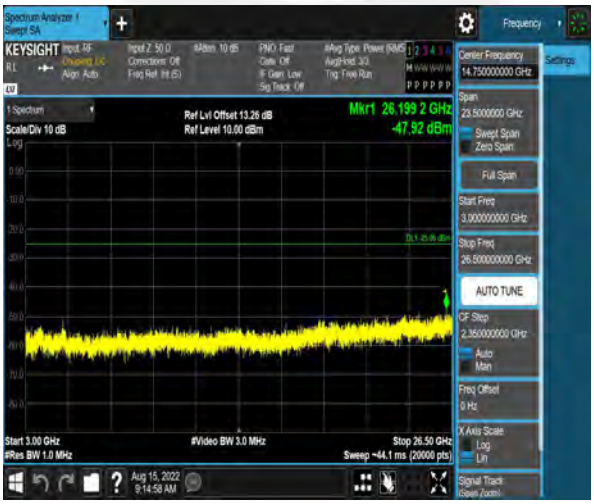



Band7-10MHz-16QAM-21100-1RB#0-Range1:30~1000MHz

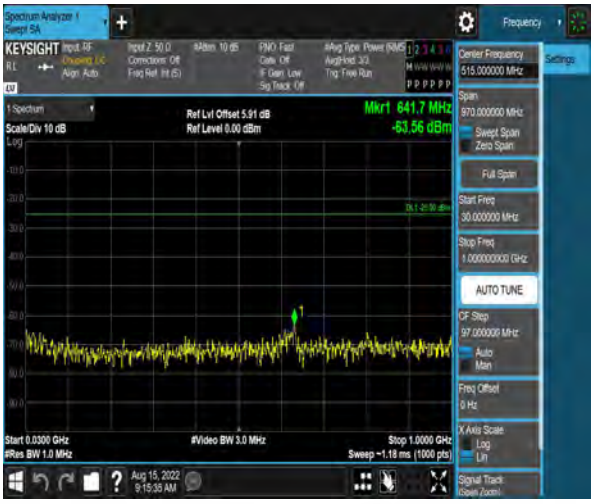
Band7-10MHz-16QAM-21100-1RB#0-Range2:1000~3000MHz




Band7-10MHz-16QAM-21100-1RB#0-Range3:3000~26500MHz

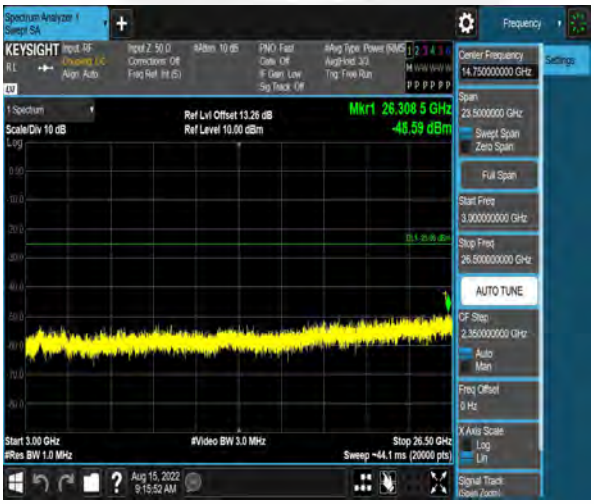



Band7-10MHz-16QAM-21400-1RB#0-Range1:30~1000MHz

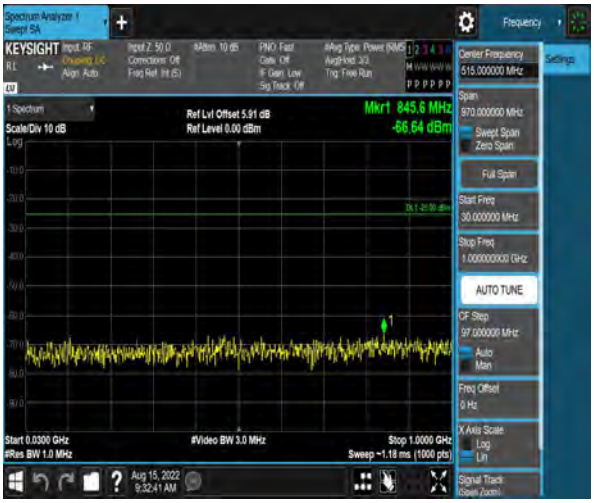



Band7-10MHz-16QAM-21400-1RB#0-Range2:1000~3000MHz

Band7-10MHz-16QAM-21400-1RB#0-Range3:3000~26500MHz

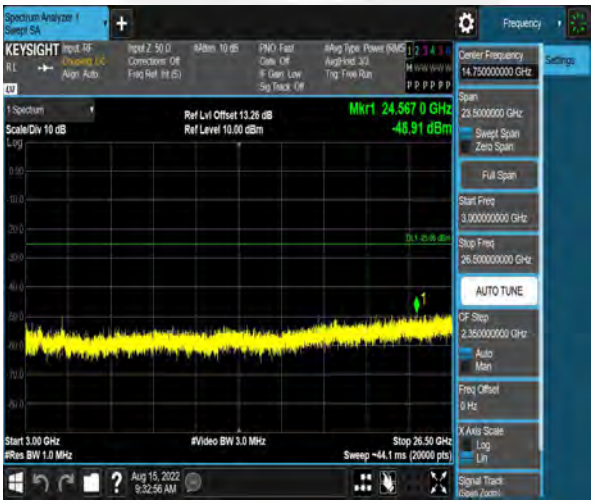



Band7-15MHz-QPSK-20825-1RB#0-Range1:30~1000MHz

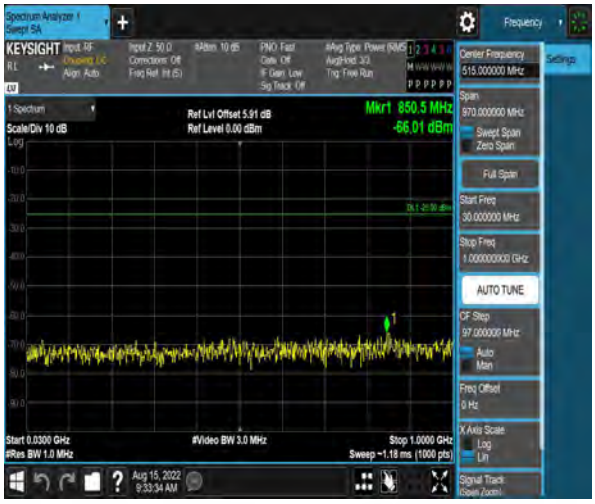



Band7-15MHz-QPSK-20825-1RB#0-Range2:1000~3000MHz

Band7-15MHz-QPSK-20825-1RB#0-Range3:3000~26500MHz

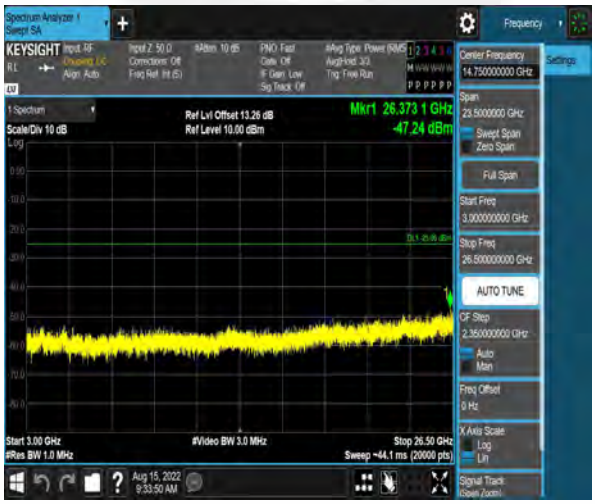



Band7-15MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



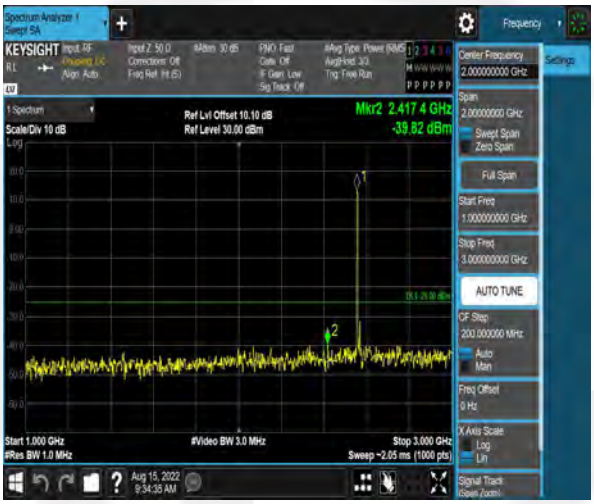

Band7-15MHz-QPSK-21100-1RB#0-Range2:1000~3000MHz

Band7-15MHz-QPSK-21100-1RB#0-Range3:3000~26500MHz

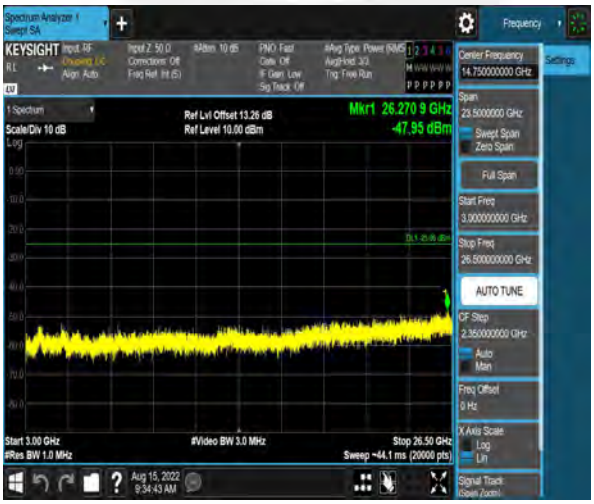



Band7-15MHz-QPSK-21375-1RB#0-Range1:30~1000MHz

Band7-15MHz-QPSK-21375-1RB#0-Range2:1000~3000MHz

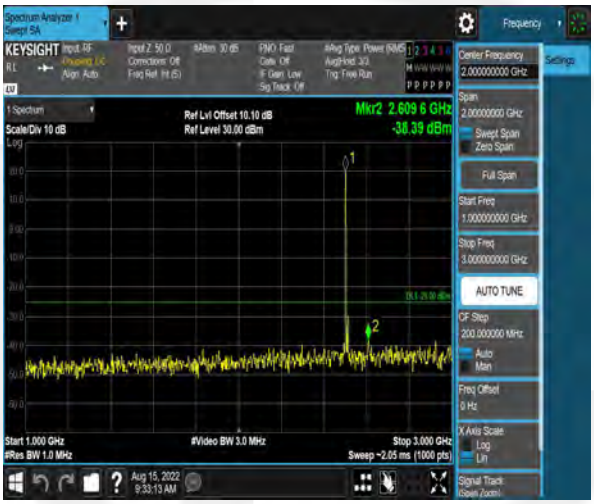



Band7-15MHz-QPSK-21375-1RB#0-Range3:3000~26500MHz

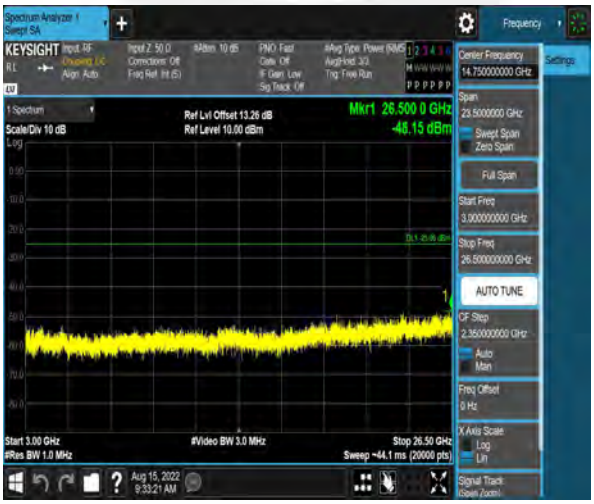



Band7-15MHz-16QAM-20825-1RB#0-Range1:30~1000MHz

Band7-15MHz-16QAM-20825-1RB#0-Range2:1000~3000MHz



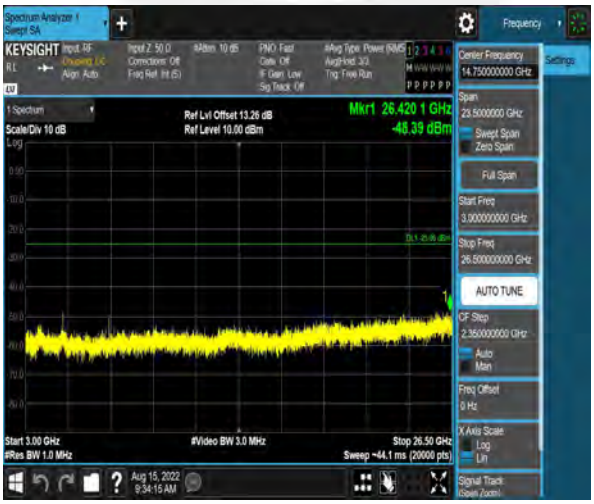

Band7-15MHz-16QAM-20825-1RB#0-Range3:3000~26500MHz




Band7-15MHz-16QAM-21100-1RB#0-Range1:30~1000MHz

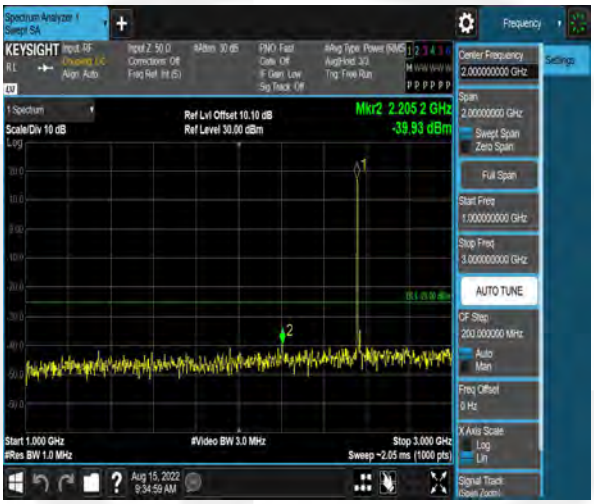
Band7-15MHz-16QAM-21100-1RB#0-Range2:1000~3000MHz

Band7-15MHz-16QAM-21100-1RB#0-Range3:3000~26500MHz

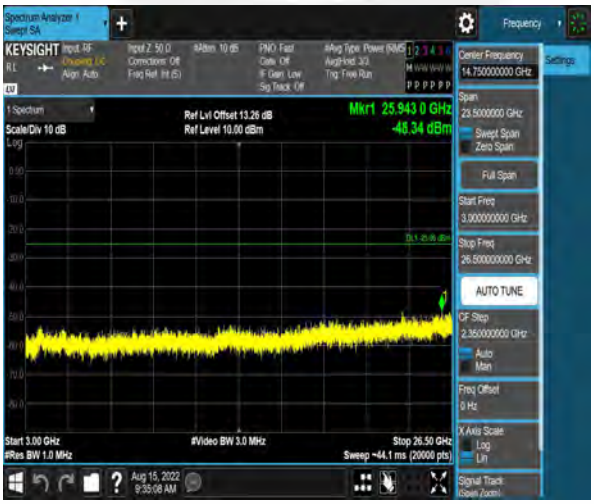



Band7-15MHz-16QAM-21375-1RB#0-Range1:30~1000MHz

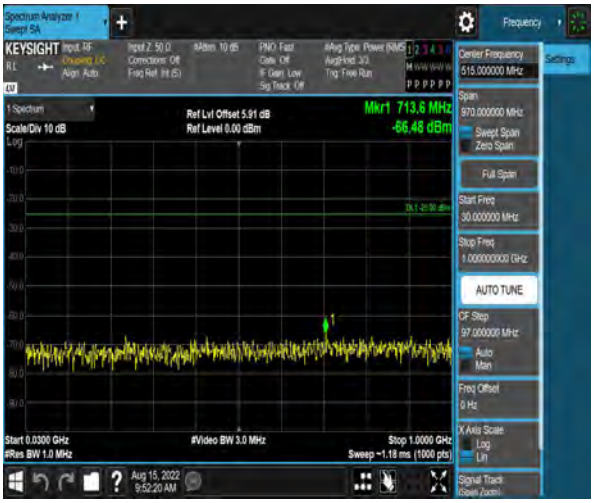
Band7-15MHz-16QAM-21375-1RB#0-Range2:1000~3000MHz



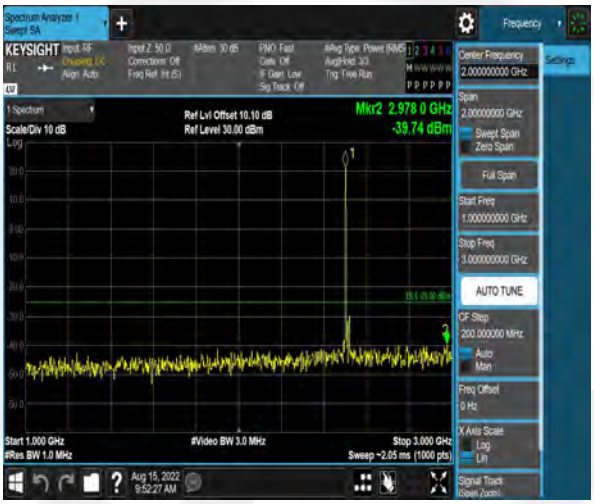

Band7-15MHz-16QAM-21375-1RB#0-Range3:3000~26500MHz



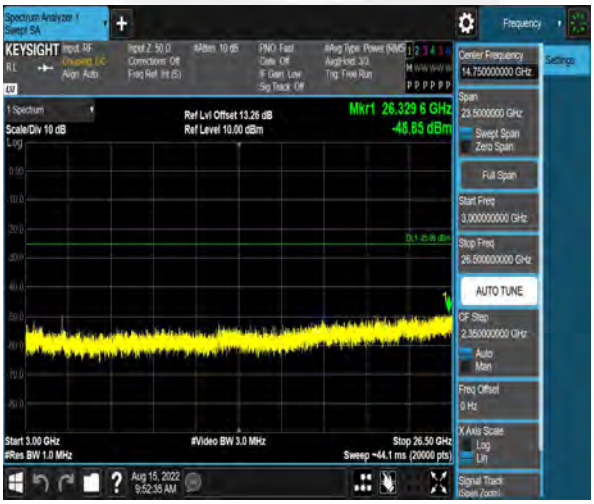

Band7-20MHz-QPSK-20850-1RB#0-Range1:30~1000MHz




Band7-20MHz-QPSK-20850-1RB#0-Range2:1000~3000MHz

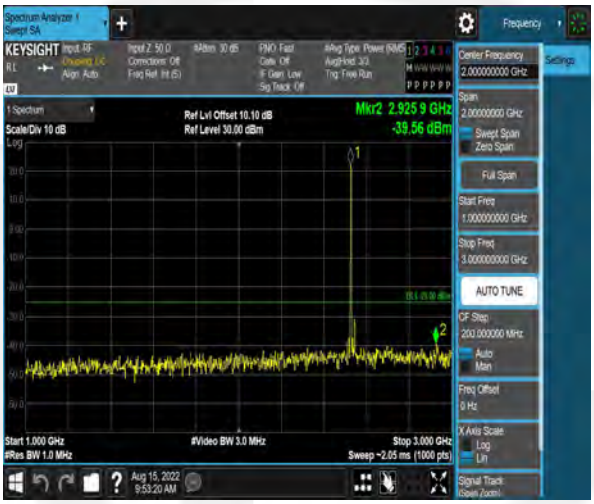



Band7-20MHz-QPSK-20850-1RB#0-Range3:3000~26500MHz

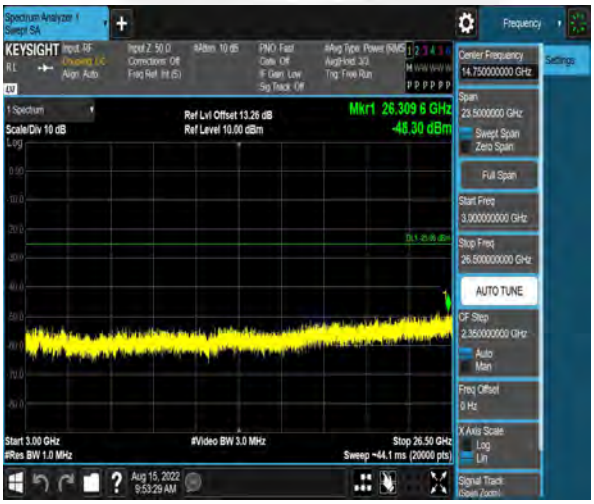



Band7-20MHz-QPSK-21100-1RB#0-Range1:30~1000MHz

Band7-20MHz-QPSK-21100-1RB#0-Range2:1000~3000MHz

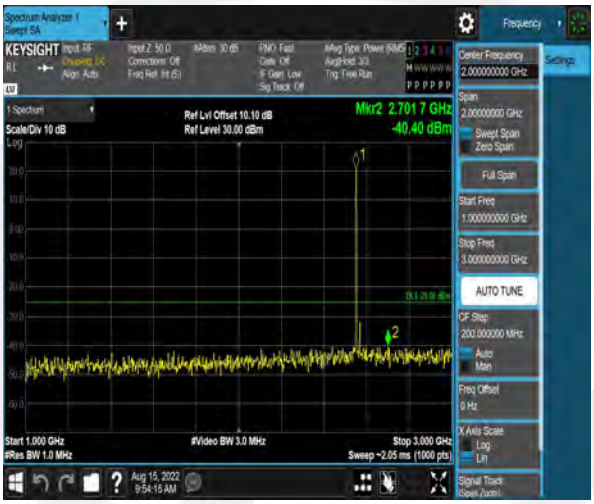



Band7-20MHz-QPSK-21100-1RB#0-Range3:3000~26500MHz

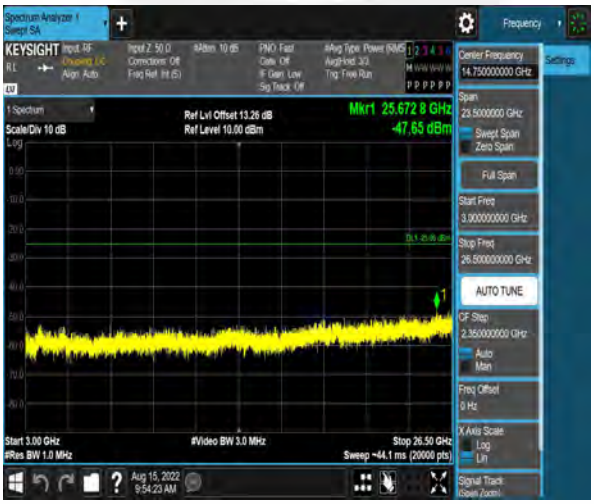



Band7-20MHz-QPSK-21350-1RB#0-Range1:30~1000MHz

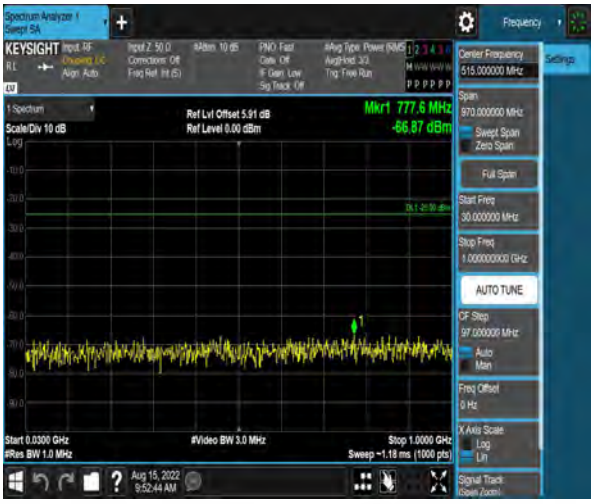
Band7-20MHz-QPSK-21350-1RB#0-Range2:1000~3000MHz




Band7-20MHz-QPSK-21350-1RB#0-Range3:3000~26500MHz

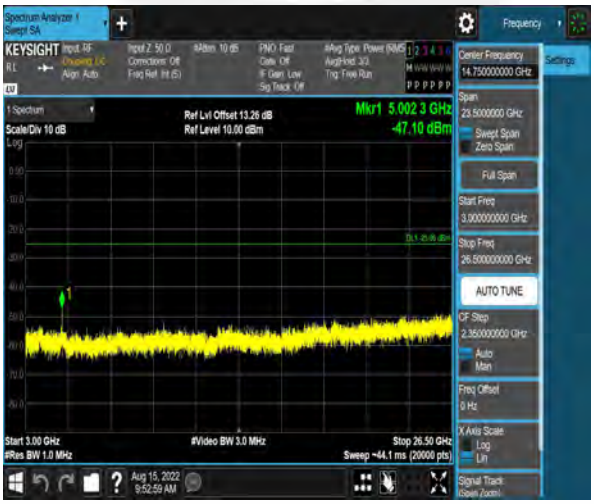



Band7-20MHz-16QAM-20850-1RB#0-Range1:30~1000MHz




Band7-20MHz-16QAM-20850-1RB#0-Range2:1000~3000MHz

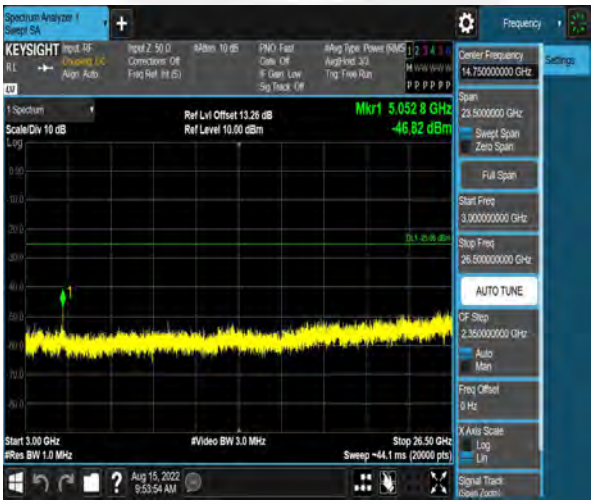
Band7-20MHz-16QAM-20850-1RB#0-Range3:3000~26500MHz




Band7-20MHz-16QAM-21100-1RB#0-Range1:30~1000MHz

Band7-20MHz-16QAM-21100-1RB#0-Range2:1000~3000MHz

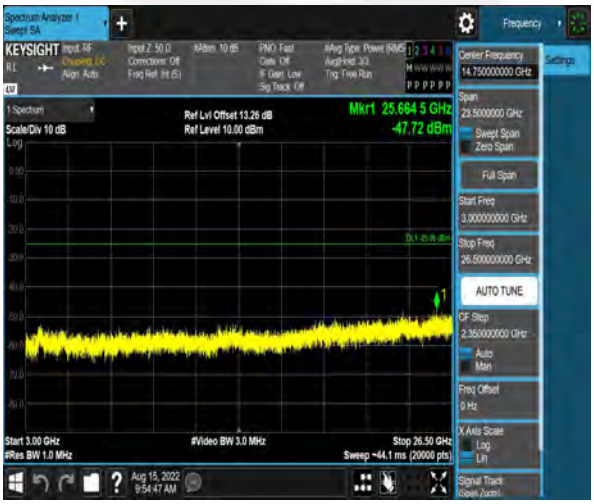
Band7-20MHz-16QAM-21100-1RB#0-Range3:3000~26500MHz




Band7-20MHz-16QAM-21350-1RB#0-Range1:30~1000MHz

Band7-20MHz-16QAM-21350-1RB#0-Range2:1000~3000MHz

Band7-20MHz-16QAM-21350-1RB#0-Range3:3000~26500MHz



# Appendix F: Frequency Stability

## Test Result

| Voltage | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (℃) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | VL | NT | -4.28 | -0.001710 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | VN | NT | -9.66 | -0.003860 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | VH | NT | -6.38 | -0.002549 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | VL | NT | -6.27 | -0.002473 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | VN | NT | 6.19 | 0.002442 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | VH | NT | 9.74 | 0.003842 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | VL | NT | 16.78 | 0.006536 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | VN | NT | 16.14 | 0.006286 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | VH | NT | 16.42 | 0.006395 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | VL | NT | -13.58 | -0.005427 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | VN | NT | 3.20 | 0.001279 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | VH | NT | -12.99 | -0.005191 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | VL | NT | 14.61 | 0.005763 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | VN | NT | 5.81 | 0.002292 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | VH | NT | 6.74 | 0.002659 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | VL | NT | 14.38 | 0.005601 | ±2.5 | PASS |

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| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | VN | NT | 14.88 | 0.005796 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | VH | NT | 12.96 | 0.005048 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | VL | NT | -11.34 | -0.004527 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | VN | NT | 7.11 | 0.002838 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | VH | NT | -9.13 | -0.003645 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | VL | NT | 12.72 | 0.005018 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | VN | NT | -9.67 | -0.003815 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | VH | NT | -19.71 | -0.007775 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | VL | NT | 6.59 | 0.002569 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | VN | NT | -16.24 | -0.006331 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | VH | NT | 8.73 | 0.003404 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | VL | NT | 6.02 | 0.002403 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | VN | NT | -11.62 | -0.004639 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | VH | NT | -8.07 | -0.003222 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | VL | NT | -11.96 | -0.004718 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | VN | NT | -4.41 | -0.001740 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | VH | NT | 14.88 | 0.005870 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | VL | NT | -13.53 | -0.005275 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | VN | NT | 9.58 | 0.00373 | ±2.5 | PASS |

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| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | VH | NT | -8.68 | -0.003384 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | VL | NT | 17.42 | 0.006947 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | VN | NT | 3.42 | 0.001364 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | VH | NT | 6.82 | 0.002720 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | VL | NT | 10.77 | 0.004249 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | VN | NT | -10.16 | -0.004008 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | VH | NT | -5.54 | -0.002185 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | VL | NT | -15.08 | -0.005885 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | VN | NT | -4.94 | -0.001928 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | VH | NT | -17.22 | -0.006720 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | VL | NT | -4.98 | -0.001986 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | VN | NT | 8.21 | 0.003274 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | VH | NT | 12.35 | 0.004925 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | VL | NT | 6.69 | 0.002639 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | VN | NT | -7.97 | -0.003144 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | VH | NT | -13.05 | -0.005148 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | VL | NT | -17.05 | -0.006654 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | VN | NT | -7.62 | -0.002974 | ±2.5 | PASS |

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| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | VH | NT | -16.44 | -0.006416 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | VL | NT | -11.89 | -0.004737 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | VN | NT | -26.15 | -0.010418 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | VH | NT | -19.77 | -0.007876 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | VL | NT | 11.30 | 0.004458 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | VN | NT | -10.01 | -0.003949 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | VH | NT | -4.86 | -0.001917 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | VL | NT | 11.33 | 0.004426 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | VN | NT | 8.91 | 0.003480 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | VH | NT | 12.04 | 0.004703 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | VL | NT | -15.56 | -0.006199 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | VN | NT | -21.90 | -0.008725 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | VH | NT | -13.42 | -0.005347 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | VL | NT | 8.45 | 0.003333 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | VN | NT | -4.45 | -0.001755 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | VH | NT | -10.94 | -0.004316 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | VL | NT | 16.79 | 0.006559 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | VN | NT | 13.72 | 0.005359 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | VH | NT | 19.27 | 0.00752 | ±2.5 | PASS |

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| Voltage | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (℃) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | NV | -30 | -4.99 | -0.001994 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | NV | -20 | 6.11 | 0.002442 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | NV | -10 | -4.89 | -0.001954 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | NV | 0 | -7.30 | -0.002917 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | NV | 10 | -10.50 | -0.004196 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | NV | 20 | -4.06 | -0.001622 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | NV | 30 | -18.41 | -0.007357 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | NV | 40 | -10.89 | -0.004352 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | NV | 50 | -16.08 | -0.006426 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | NV | -30 | 6.79 | 0.002679 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | NV | -20 | -4.09 | -0.001613 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | NV | -10 | 6.05 | 0.002387 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | NV | 0 | 8.18 | 0.003227 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | NV | 10 | -8.96 | -0.003535 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | NV | 20 | 11.03 | 0.004351 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | NV | 30 | 8.45 | 0.003333 | ±2.5 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | NV | 40 | 4.45 | 0.001755 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | NV | 50 | 7.20 | 0.002840 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | NV | -30 | 19.74 | 0.007688 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | NV | -20 | 13.53 | 0.005270 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | NV | -10 | 13.60 | 0.005297 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | NV | 0 | 6.47 | 0.002520 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | NV | 10 | 3.66 | 0.001426 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | NV | 20 | 7.57 | 0.002948 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | NV | 30 | 11.76 | 0.004580 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | NV | 40 | 19.01 | 0.007404 | ±2.5 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | NV | 50 | 10.83 | 0.004218 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | NV | -30 | -7.31 | -0.002921 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | NV | -20 | -9.06 | -0.003620 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | NV | -10 | -9.71 | -0.003880 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | NV | 0 | -4.18 | -0.001670 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | NV | 10 | 5.44 | 0.002174 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | NV | 20 | -14.76 | -0.005898 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | NV | 30 | -15.12 | -0.006042 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | NV | 40 | -4.86 | -0.0019 | ±2.5 | PASS |

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| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | NV | 50 | -8.88 | -0.003548 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | NV | -30 | 8.85 | 0.003491 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | NV | -20 | -7.07 | -0.002789 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | NV | -10 | -11.74 | -0.004631 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | NV | 0 | 13.79 | 0.005440 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | NV | 10 | -7.51 | -0.002963 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | NV | 20 | 14.16 | 0.005586 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | NV | 30 | -8.83 | -0.003483 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | NV | 40 | 3.55 | 0.001400 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | NV | 50 | 10.63 | 0.004193 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | NV | -30 | 20.18 | 0.007860 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | NV | -20 | 11.89 | 0.004631 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | NV | -10 | 18.12 | 0.007057 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | NV | 0 | 7.17 | 0.002793 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | NV | 10 | 6.12 | 0.002384 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | NV | 20 | 10.36 | 0.004035 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | NV | 30 | 19.34 | 0.007533 | ±2.5 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | NV | 40 | 3.10 | 0.001207 | ±2.5 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | NV | 50 | -3.22 | -0.001254 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | NV | -30 | -4.21 | -0.001681 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | NV | -20 | 8.23 | 0.003285 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | NV | -10 | 10.71 | 0.004275 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | NV | 0 | 12.67 | 0.005058 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | NV | 10 | -7.18 | -0.002866 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | NV | 20 | -5.81 | -0.002319 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | NV | 30 | 10.76 | 0.004295 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | NV | 40 | 13.40 | 0.005349 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | NV | 50 | 10.37 | 0.004140 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | NV | -30 | 6.64 | 0.002619 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | NV | -20 | 12.47 | 0.004919 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | NV | -10 | -10.90 | -0.004300 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | NV | 0 | 8.58 | 0.003385 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | NV | 10 | 4.05 | 0.001598 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | NV | 20 | -5.44 | -0.002146 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | NV | 30 | -5.12 | -0.002020 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | NV | 40 | -12.76 | -0.005034 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | NV | 50 | -9.67 | -0.0038 | ±2.5 | PASS |

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| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | NV | -30 | 8.74 | 0.003407 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | NV | -20 | -4.23 | -0.001649 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | NV | -10 | 11.20 | 0.004366 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | NV | 0 | 7.30 | 0.002846 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | NV | 10 | 2.59 | 0.001010 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | NV | 20 | -6.57 | -0.002561 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | NV | 30 | -11.47 | -0.004472 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | NV | 40 | -6.32 | -0.002464 | ±2.5 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | NV | 50 | 4.59 | 0.001789 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | -30 | -3.25 | -0.001297 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | -20 | 2.50 | 0.000998 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | -10 | 5.81 | 0.002319 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | 0 | -10.41 | -0.004156 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | 10 | 10.50 | 0.004192 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | 20 | 8.03 | 0.003206 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | 30 | -6.07 | -0.002423 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | 40 | 10.76 | 0.004295 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | NV | 50 | -11.37 | -0.004539 | ±2.5 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | -30 | -14.61 | -0.005763 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | -20 | 7.07 | 0.002789 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | -10 | 10.71 | 0.004225 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | 0 | -11.66 | -0.004600 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | 10 | -8.35 | -0.003294 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | 20 | 5.01 | 0.001976 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | 30 | 5.72 | 0.002256 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | 40 | 9.87 | 0.003893 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | NV | 50 | 12.00 | 0.004734 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | -30 | 5.91 | 0.002304 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | -20 | 6.47 | 0.002522 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | -10 | -9.71 | -0.003786 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | 0 | -6.08 | -0.002370 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | 10 | 4.28 | 0.001669 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | 20 | 9.13 | 0.003559 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | 30 | -13.86 | -0.005404 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | 40 | -6.64 | -0.002589 | ±2.5 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | NV | 50 | -14.42 | -0.005622 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | NV | -30 | 5.75 | 0.00229 | ±2.5 | PASS |

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| | | | | | | | | 3 | | |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | NV | -20 | 7.58 | 0.003023 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | NV | -10 | 11.09 | 0.004423 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | NV | 0 | 12.43 | 0.004957 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | NV | 10 | 14.36 | 0.005727 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | NV | 20 | 18.63 | 0.007430 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | NV | 30 | -4.23 | -0.001687 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | NV | 40 | 4.25 | 0.001695 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | NV | 50 | 7.20 | 0.002871 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | NV | -30 | -11.40 | -0.004497 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | NV | -20 | -12.59 | -0.004966 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | NV | -10 | -10.64 | -0.004197 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | NV | 0 | -11.30 | -0.004458 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | NV | 10 | 2.03 | 0.000801 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | NV | 20 | -13.48 | -0.005318 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | NV | 30 | -3.09 | -0.001219 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | NV | 40 | 10.49 | 0.004138 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | NV | 50 | 9.80 | 0.003866 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | NV | -30 | -12.57 | -0.004905 | ±2.5 | PASS |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | NV | -20 | -9.60 | -0.003746 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | NV | -10 | -15.89 | -0.006201 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | NV | 0 | -10.11 | -0.003945 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | NV | 10 | -14.93 | -0.005826 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | NV | 20 | -4.63 | -0.001807 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | NV | 30 | -7.14 | -0.002786 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | NV | 40 | -16.79 | -0.006552 | ±2.5 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | NV | 50 | 3.29 | 0.001284 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | NV | -30 | 12.80 | 0.005105 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | NV | -20 | 8.33 | 0.003322 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | NV | -10 | 17.88 | 0.007131 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | NV | 0 | 7.97 | 0.003178 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | NV | 10 | 13.23 | 0.005276 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | NV | 20 | 5.99 | 0.002389 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | NV | 30 | 8.91 | 0.003553 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | NV | 40 | 13.15 | 0.005244 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | NV | 50 | 17.25 | 0.006879 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | NV | -30 | -12.50 | -0.004931 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | NV | -20 | -8.44 | -0.0033 | ±2.5 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 29 | | |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | NV | -10 | -5.58 | -0.002201 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | NV | 0 | -5.38 | -0.002122 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | NV | 10 | 8.78 | 0.003464 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | NV | 20 | 9.50 | 0.003748 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | NV | 30 | 9.03 | 0.003562 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | NV | 40 | 9.31 | 0.003673 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | NV | 50 | -13.66 | -0.005389 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | NV | -30 | -16.87 | -0.006583 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | NV | -20 | -14.99 | -0.005850 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | NV | -10 | -14.69 | -0.005733 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | NV | 0 | -9.84 | -0.003840 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | NV | 10 | -12.60 | -0.004917 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | NV | 20 | -12.16 | -0.004745 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | NV | 30 | -11.29 | -0.004406 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | NV | 40 | -8.60 | -0.003356 | ±2.5 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | NV | 50 | -4.89 | -0.001908 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | -30 | -20.41 | -0.008131 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | -20 | -21.13 | -0.008418 | ±2.5 | PASS |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | -10 | -24.08 | -0.009594 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 0 | -24.73 | -0.009853 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 10 | -24.43 | -0.009733 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 20 | -21.17 | -0.008434 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 30 | -28.82 | -0.011482 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 40 | -25.02 | -0.009968 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | NV | 50 | -23.55 | -0.009382 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | -30 | 7.65 | 0.003018 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | -20 | -7.97 | -0.003144 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | -10 | 10.76 | 0.004245 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 0 | -5.38 | -0.002122 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 10 | -6.44 | -0.002540 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 20 | 12.32 | 0.004860 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 30 | 6.38 | 0.002517 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 40 | 2.55 | 0.001006 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | NV | 50 | 5.02 | 0.001980 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | -30 | 10.17 | 0.003973 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | -20 | -5.04 | -0.001969 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | -10 | 16.48 | 0.00643 | ±2.5 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 8 | | |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 0 | 15.54 | 0.006070 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 10 | 14.98 | 0.005852 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 20 | 15.62 | 0.006102 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 30 | 14.13 | 0.005520 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 40 | 17.21 | 0.006723 | ±2.5 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | NV | 50 | 5.89 | 0.002301 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | -30 | -12.20 | -0.004861 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | -20 | -19.35 | -0.007709 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | -10 | -18.07 | -0.007199 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 0 | -15.86 | -0.006319 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 10 | -10.60 | -0.004223 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 20 | -9.53 | -0.003797 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 30 | -23.22 | -0.009251 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 40 | -23.30 | -0.009283 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | NV | 50 | -19.48 | -0.007761 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | -30 | 10.60 | 0.004181 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | -20 | 12.29 | 0.004848 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | -10 | -8.27 | -0.003262 | ±2.5 | PASS |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 0 | -6.67 | -0.002631 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 10 | -7.93 | -0.003128 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 20 | -10.97 | -0.004327 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 30 | -7.04 | -0.002777 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 40 | -8.21 | -0.003239 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | NV | 50 | -6.78 | -0.002675 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | -30 | 3.30 | 0.001289 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | -20 | 4.28 | 0.001672 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | -10 | 6.84 | 0.002672 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 0 | -5.05 | -0.001973 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 10 | 4.63 | 0.001809 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 20 | 4.76 | 0.001859 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 30 | -4.68 | -0.001828 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 40 | 5.24 | 0.002047 | ±2.5 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | NV | 50 | 4.76 | 0.001859 | ±2.5 | PASS |

# LTE Band7
# 64QAM Test Data

## Appendix A: Effective (Isotropic) Radiated Power Output Data

### Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|---|---|---|---|---|---|---|
| Band7 | 5MHz | 64QAM | 20775 | 1RB#0 | 21.74 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#12 | 21.69 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#24 | 21.65 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 12RB#0 | 20.66 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 12RB#6 | 20.61 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 12RB#13 | 20.57 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | 20.45 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#0 | 21.94 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#12 | 21.78 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#24 | 21.82 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 12RB#0 | 20.59 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 12RB#6 | 20.61 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 12RB#13 | 20.55 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0 | 20.58 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#0 | 22.00 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#12 | 21.92 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#24 | 21.80 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 12RB#0 | 20.66 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 12RB#6 | 20.67 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 12RB#13 | 20.56 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | 20.56 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#0 | 21.97 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#24 | 21.76 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#49 | 21.89 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 25RB#0 | 20.58 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 25RB#12 | 20.51 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 25RB#25 | 20.43 | PASS |

| | | | | | | |
|---|---|---|---|---|---|---|
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | 20.50 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#0 | 22.14 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#24 | 22.03 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#49 | 22.02 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 25RB#0 | 20.69 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 25RB#12 | 20.65 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 25RB#25 | 20.56 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0 | 20.63 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#0 | 22.09 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#24 | 21.95 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#49 | 21.74 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 25RB#0 | 20.76 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 25RB#12 | 20.67 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 25RB#25 | 20.49 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | 20.68 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#0 | 22.05 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#38 | 21.79 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#74 | 21.93 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 38RB#0 | 20.59 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 38RB#18 | 20.49 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 38RB#37 | 20.50 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | 20.52 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#0 | 22.33 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#38 | 22.08 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#74 | 21.97 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 38RB#0 | 20.79 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 38RB#18 | 20.73 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 38RB#37 | 20.61 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0 | 20.65 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#0 | 22.23 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#38 | 21.97 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#74 | 21.71 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 38RB#0 | 20.78 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 38RB#18 | 20.73 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 38RB#37 | 20.49 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | 20.73 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#0 | 22.12 | PASS |

| | | | | | | |
|---|---|---|---|---|---|---|
| Band7 | 20MHz | 64QAM | 20850 | 1RB#49 | 21.85 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#99 | 22.10 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#0 | 20.63 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#25 | 20.60 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 50RB#50 | 20.55 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | 20.61 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#0 | 22.35 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#49 | 22.12 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#99 | 21.95 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#0 | 20.76 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#25 | 20.69 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 50RB#50 | 20.56 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | 20.63 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#0 | 22.18 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#49 | 22.02 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#99 | 21.74 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#0 | 20.82 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#25 | 20.74 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 50RB#50 | 20.61 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | 20.71 | PASS |

# Appendix B: Peak-to-Average Ratio (CCDF)

## Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|---|---|---|---|---|---|---|---|
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | 5.90 | 13 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0 | 6.40 | 13 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | 6.11 | 13 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | 6.07 | 13 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0 | 6.31 | 13 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | 6.20 | 13 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | 6.19 | 13 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0 | 6.37 | 13 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | 6.30 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | 6.07 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | 6.21 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | 6.18 | 13 | PASS |

## Test Graphs

| Band7-5MHz-64QAM-20775-25RB#0 |
|---|
| |



| Band7-5MHz-64QAM-21100-25RB#0 |
|---|
| |



| Band7-5MHz-64QAM-21425-25RB#0 |
|---|
| |

Band7-10MHz-64QAM-20800-50RB#0

Band7-10MHz-64QAM-21100-50RB#0

Band7-10MHz-64QAM-21400-50RB#0

Band7-15MHz-64QAM-20825-75RB#0

Band7-15MHz-64QAM-21100-75RB#0

Band7-15MHz-64QAM-21375-75RB#0

Band7-20MHz-64QAM-20850-100RB#0

Band7-20MHz-64QAM-21100-100RB#0

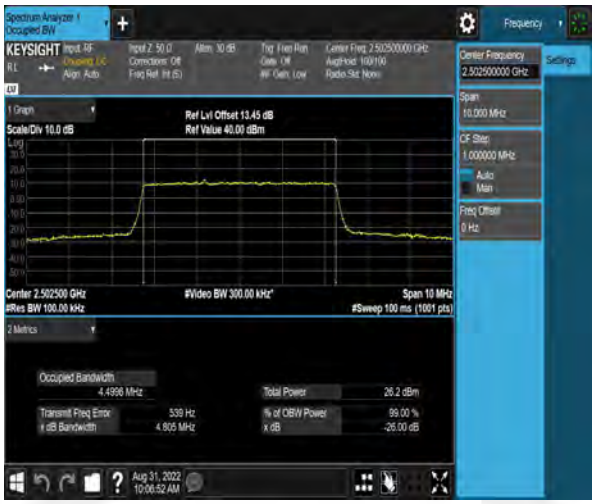
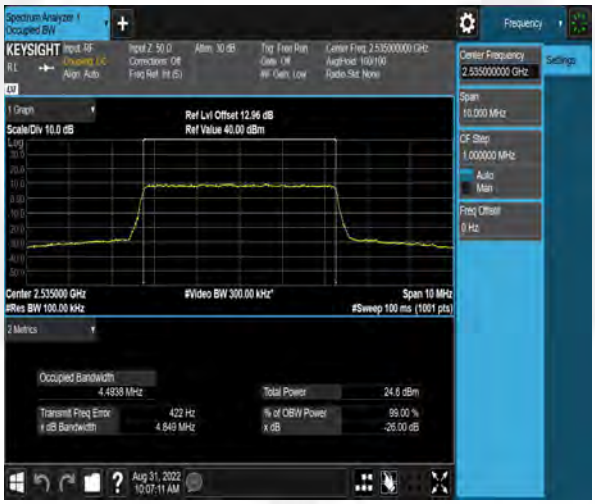
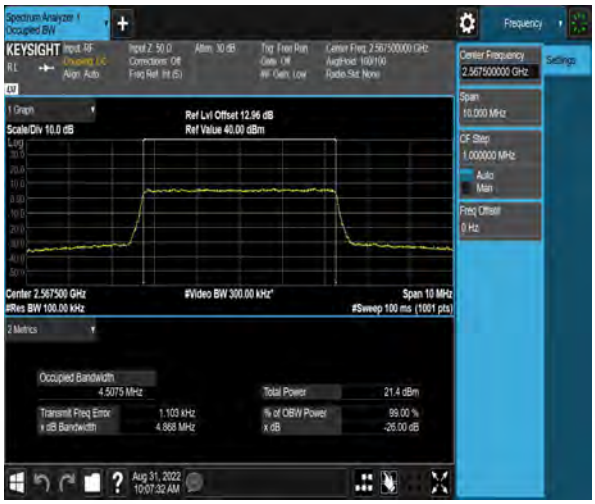
Band7-20MHz-64QAM-21350-100RB#0

# Appendix C: 26dB Bandwidth and Occupied Bandwidth

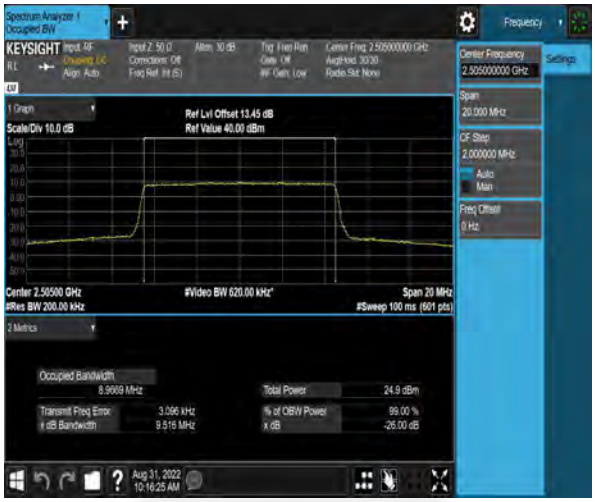
## Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|---|---|---|---|---|---|---|---|
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | 4.4996 | 4.805 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0 | 4.4938 | 4.849 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | 4.5075 | 4.868 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | 8.9669 | 9.516 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0 | 8.9740 | 9.536 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | 8.9736 | 9.555 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | 13.436 | 14.24 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0 | 13.456 | 14.27 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | 13.477 | 14.29 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | 17.899 | 18.94 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | 17.923 | 18.96 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | 17.940 | 18.96 | PASS |

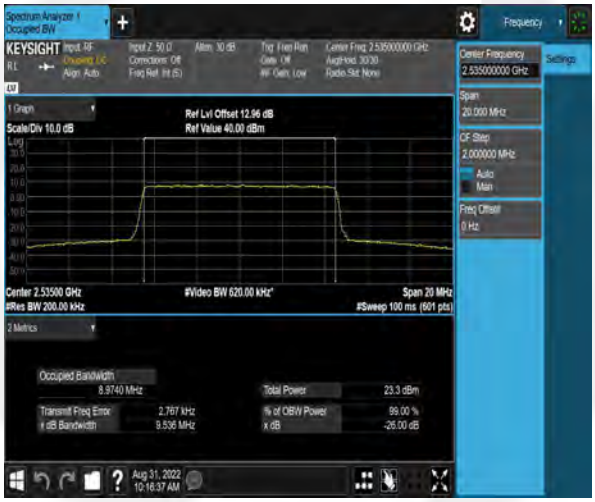
## Test Graphs

| Band7-5MHz-64QAM-20775-25RB#0 |
|---|
|  |
| Band7-5MHz-64QAM-21100-25RB#0 |
|  |
| Band7-5MHz-64QAM-21425-25RB#0 |
|  |

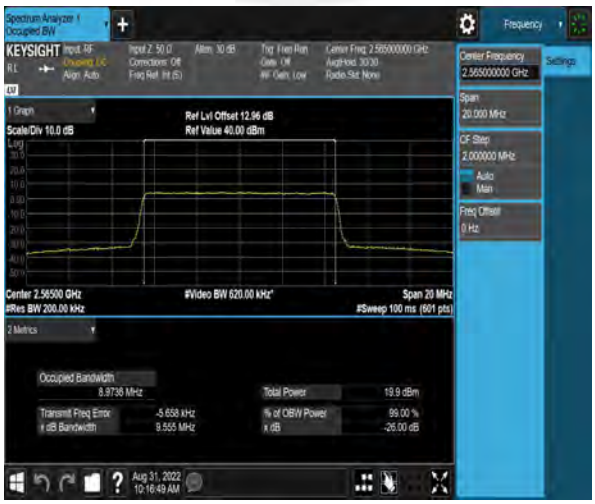
Band7-10MHz-64QAM-20800-50RB#0



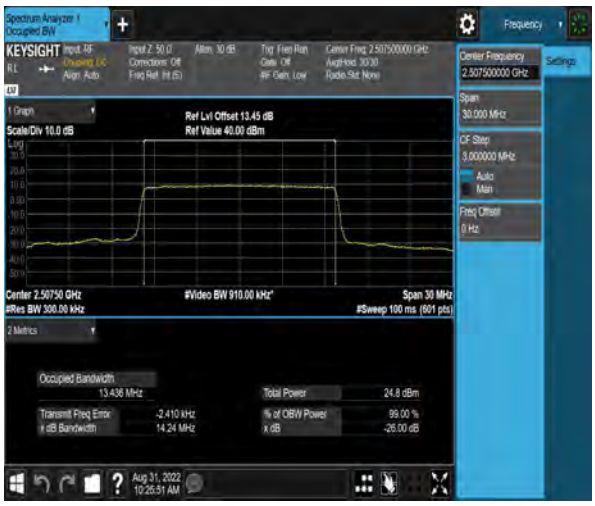

Band7-10MHz-64QAM-21100-50RB#0



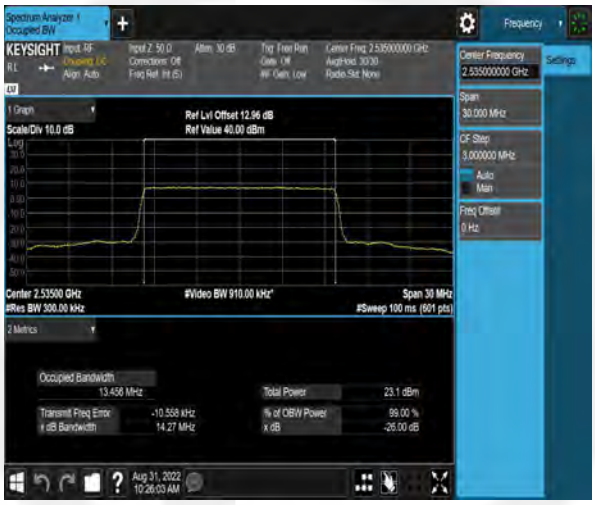

Band7-10MHz-64QAM-21400-50RB#0



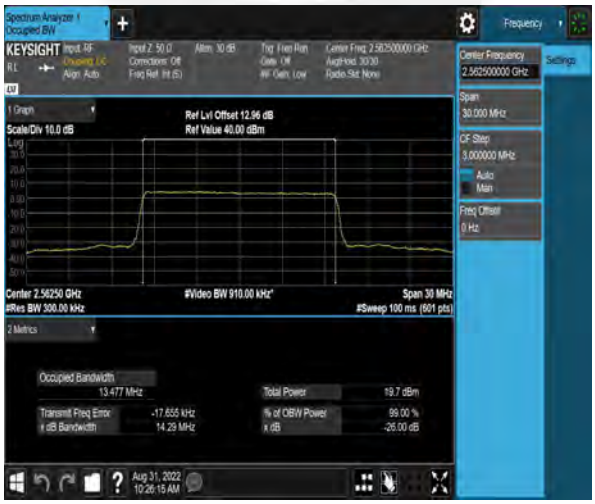

Band7-15MHz-64QAM-20825-75RB#0



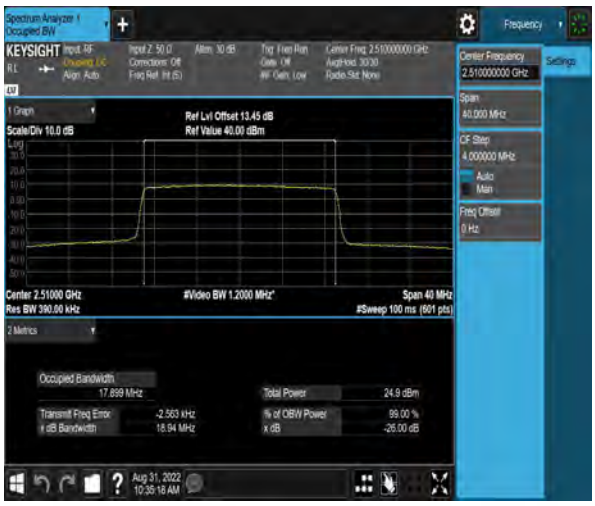

Band7-15MHz-64QAM-21100-75RB#0



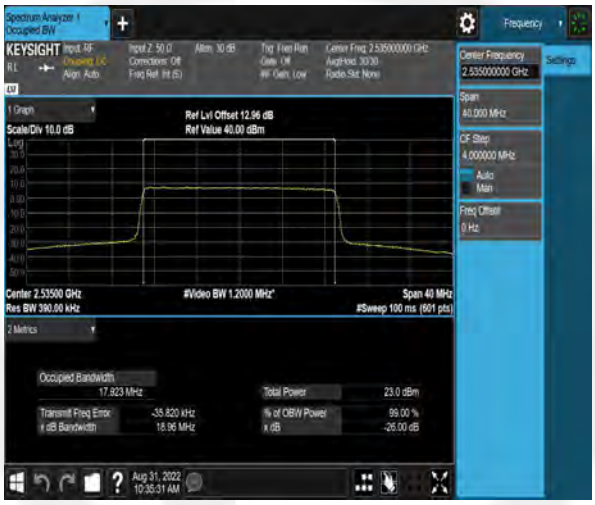

Band7-15MHz-64QAM-21375-75RB#0



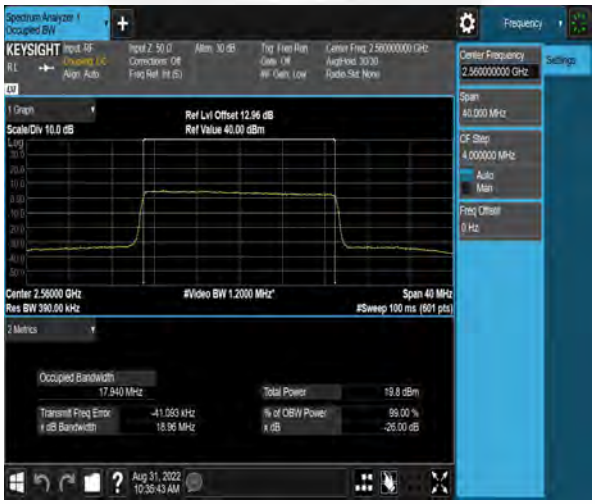

Band7-20MHz-64QAM-20850-100RB#0




Band7-20MHz-64QAM-21100-100RB#0




Band7-20MHz-64QAM-21350-100RB#0

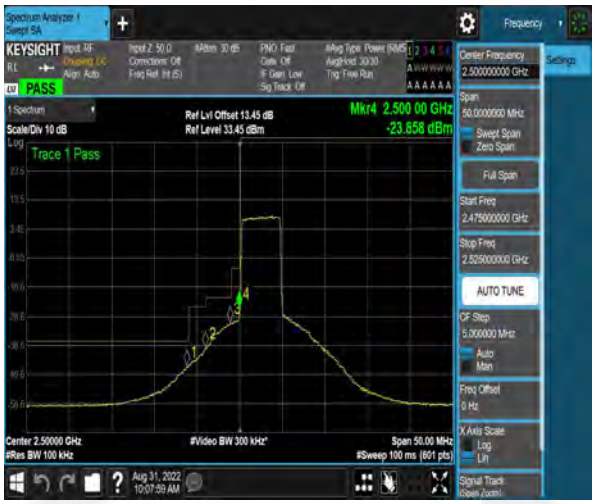


# Appendix D: Band Edge

## Test Result

| Band | Bandwidth | Modulation | Channel | RB Config. | Result (dBm) | Verdict |
|---|---|---|---|---|---|---|
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | -43.84,-37.55,-28.96,-23.86 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | -29.05,-35.35,-47.89,-50.03 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | -44.74,-32.23,-29.28,-26.89 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | -32.49,-34.57,-37.88,-48.53 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | -37.22,-30.89,-28.69,-28.15 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | -32.72,-33.18,-36.06,-49.93 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | -33.07,-30.66,-28.95,-28.01 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | -33.76,-34.62,-35.37,-50.18 | PASS |

## Test Graphs

| Band7-5MHz-64QAM-20775-25RB#0 |
|---|
|  |



| Band7-5MHz-64QAM-21425-25RB#0 |
|---|
| |



| Band7-10MHz-64QAM-20800-50RB#0 |
|---|
| |

Band7-10MHz-64QAM-21400-50RB#0

Band7-15MHz-64QAM-20825-75RB#0

Band7-15MHz-64QAM-21375-75RB#0

Band7-20MHz-64QAM-20850-100RB#0

Band7-20MHz-64QAM-21350-100RB#0

# Appendix E: Conducted Spurious Emission

## Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|---|---|---|---|---|---|---|---|
| Band7 | 5MHz | 64QAM | 20775 | 1RB#0 | Range1:30~1000MHz | -67.08 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#0 | Range2:1000~3000MHz | -39.66 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#0 | Range3:3000~26500MHz | -46.25 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#0 | Range1:30~1000MHz | -66.09 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#0 | Range2:1000~3000MHz | -39.72 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#0 | Range3:3000~26500MHz | -46.42 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#0 | Range1:30~1000MHz | -67.08 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#0 | Range2:1000~3000MHz | -39.19 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#0 | Range3:3000~26500MHz | -48.02 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#0 | Range1:30~1000MHz | -66.65 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#0 | Range2:1000~3000MHz | -39.86 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#0 | Range3:3000~26500MHz | -48.18 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#0 | Range1:30~1000MHz | -66.48 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#0 | Range2:1000~3000MHz | -39.72 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#0 | Range3:3000~26500MHz | -47.2 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#0 | Range1:30~1000MHz | -61.79 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#0 | Range2:1000~ | -39.25 | PASS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | 3000MHz | | |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#0 | Range3:3000~26500MHz | -48.29 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#0 | Range1:30~1000MHz | -64.2 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#0 | Range2:1000~3000MHz | -39.83 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#0 | Range3:3000~26500MHz | -47.88 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#0 | Range1:30~1000MHz | -67.11 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#0 | Range2:1000~3000MHz | -38.3 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#0 | Range3:3000~26500MHz | -47.78 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#0 | Range1:30~1000MHz | -66.19 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#0 | Range2:1000~3000MHz | -39.1 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#0 | Range3:3000~26500MHz | -48.04 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#0 | Range1:30~1000MHz | -66.24 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#0 | Range2:1000~3000MHz | -39.53 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#0 | Range3:3000~26500MHz | -46.9 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#0 | Range1:30~1000MHz | -66.73 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#0 | Range2:1000~3000MHz | -38.17 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#0 | Range3:3000~26500MHz | -48.2 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#0 | Range1:30~1000MHz | -67.24 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#0 | Range2:1000~3000MHz | -40.06 | PASS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Band7 | 20MHz | 64QAM | 21350 | 1RB#0 | Range3:3000~26500MHz | -48.5 | PASS |

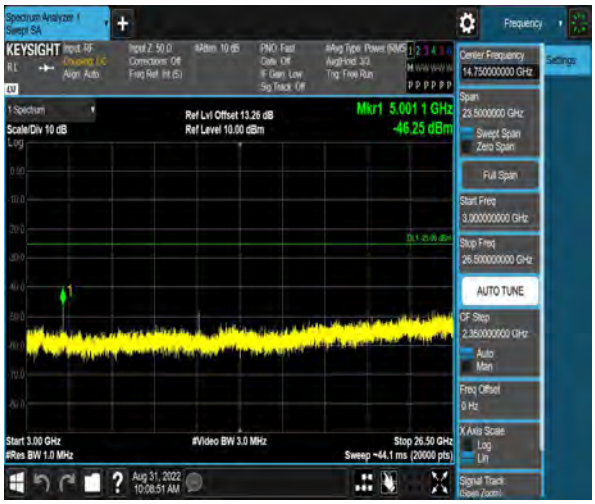
## Test Graphs

| Band7-5MHz-64QAM-20775-1RB#0-Range1:30~1000MHz |
|---|
| |



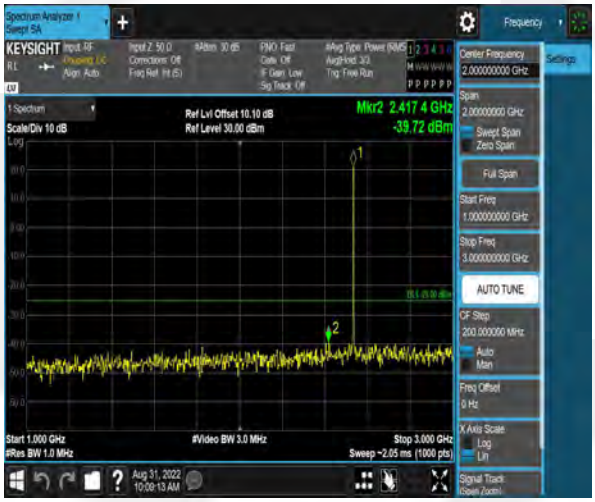
| Band7-5MHz-64QAM-20775-1RB#0-Range2:1000~3000MHz |
|---|
| |



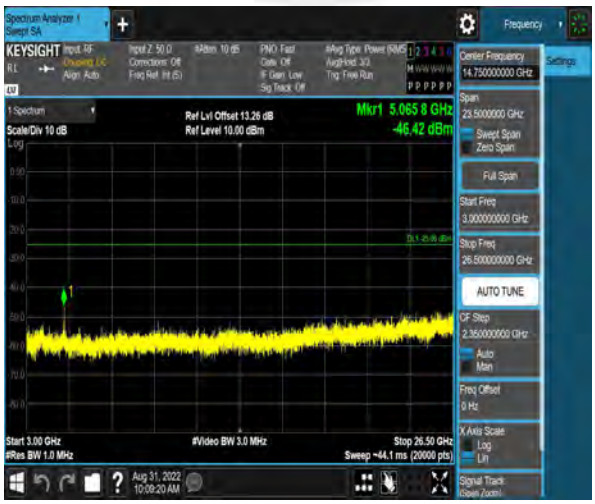
| Band7-5MHz-64QAM-20775-1RB#0-Range3:3000~26500MHz |
|---|
|  |

Band7-5MHz-64QAM-21100-1RB#0-Range1:30~1000MHz

Band7-5MHz-64QAM-21100-1RB#0-Range2:1000~3000MHz



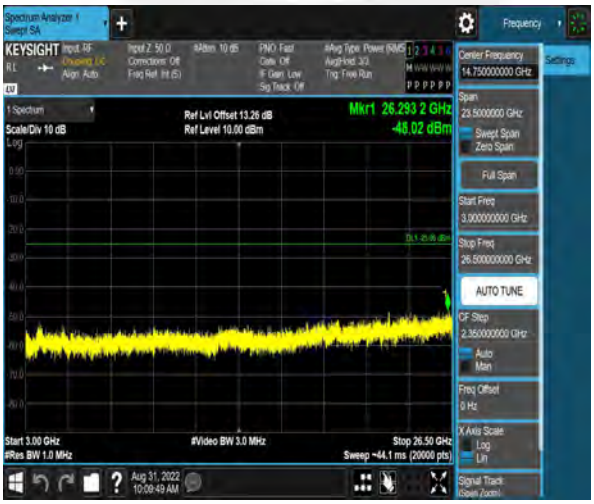

Band7-5MHz-64QAM-21100-1RB#0-Range3:3000~26500MHz



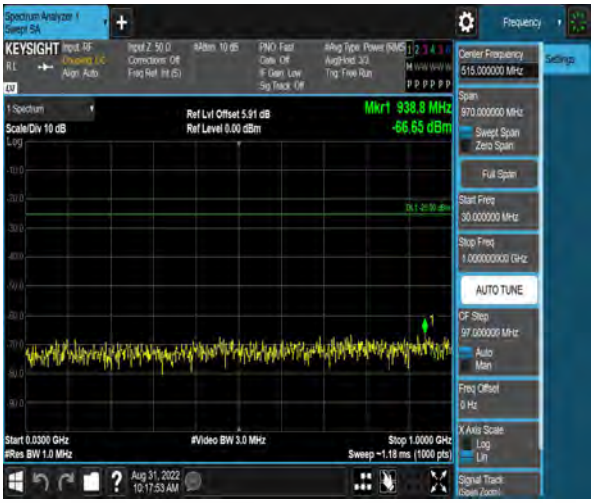

Band7-5MHz-64QAM-21425-1RB#0-Range1:30~1000MHz

Band7-5MHz-64QAM-21425-1RB#0-Range2:1000~3000MHz

Band7-5MHz-64QAM-21425-1RB#0-Range3:3000~26500MHz

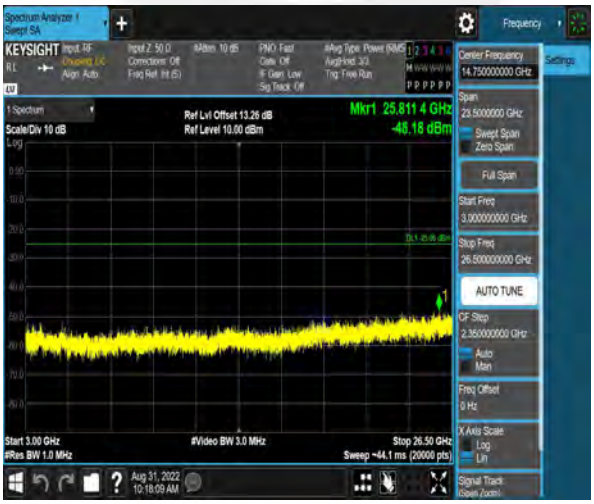



Band7-10MHz-64QAM-20800-1RB#0-Range1:30~1000MHz



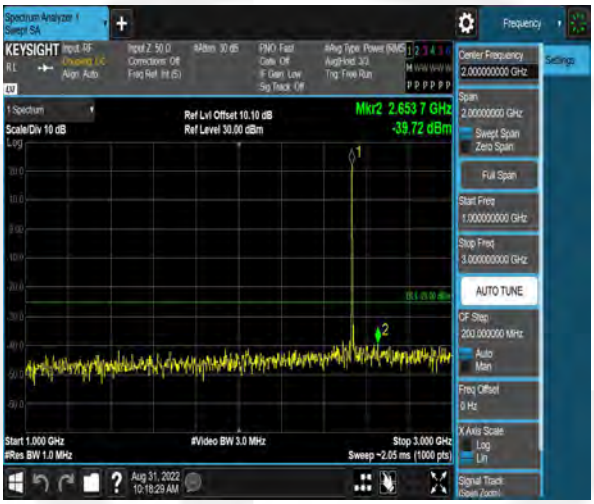

Band7-10MHz-64QAM-20800-1RB#0-Range2:1000~3000MHz

Band7-10MHz-64QAM-20800-1RB#0-Range3:3000~26500MHz

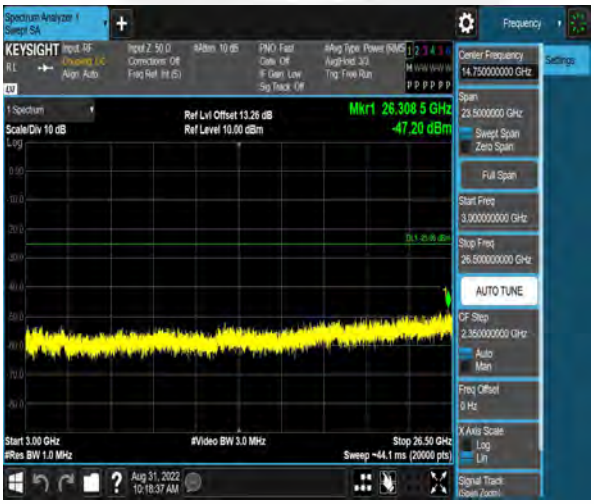



Band7-10MHz-64QAM-21100-1RB#0-Range1:30~1000MHz

Band7-10MHz-64QAM-21100-1RB#0-Range2:1000~3000MHz

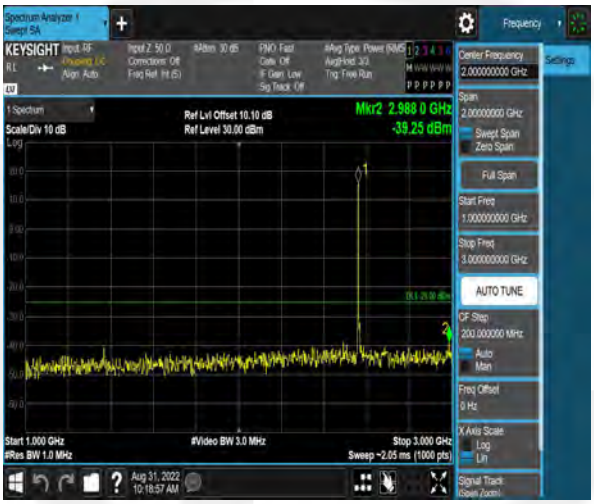



Band7-10MHz-64QAM-21100-1RB#0-Range3:3000~26500MHz

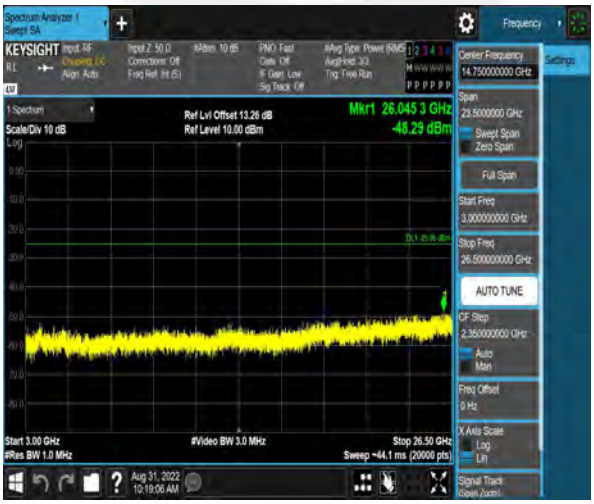



Band7-10MHz-64QAM-21400-1RB#0-Range1:30~1000MHz

Band7-10MHz-64QAM-21400-1RB#0-Range2:1000~3000MHz



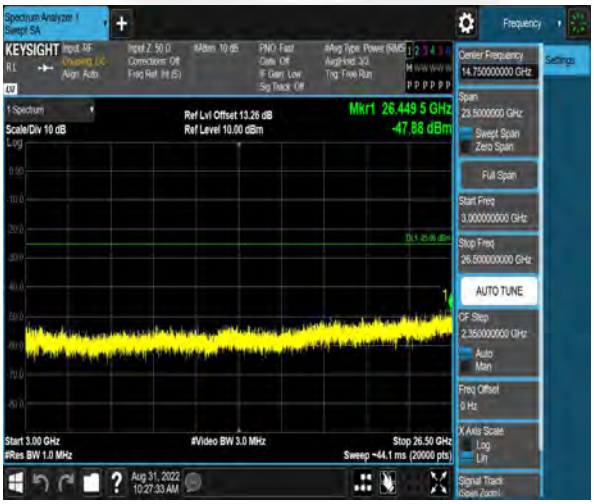

Band7-10MHz-64QAM-21400-1RB#0-Range3:3000~26500MHz



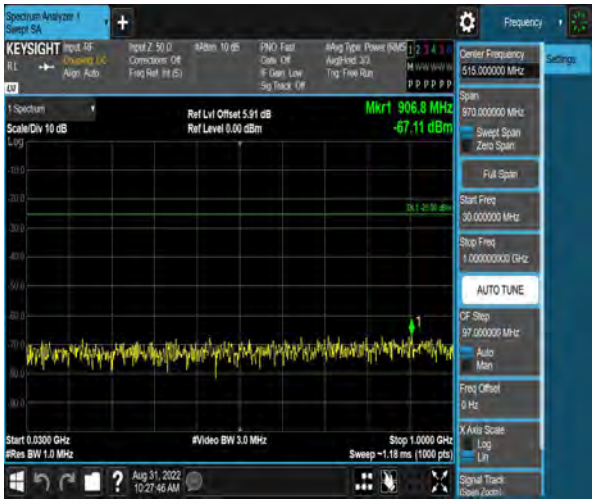

Band7-15MHz-64QAM-20825-1RB#0-Range1:30~1000MHz

Band7-15MHz-64QAM-20825-1RB#0-Range2:1000~3000MHz

Band7-15MHz-64QAM-20825-1RB#0-Range3:3000~26500MHz

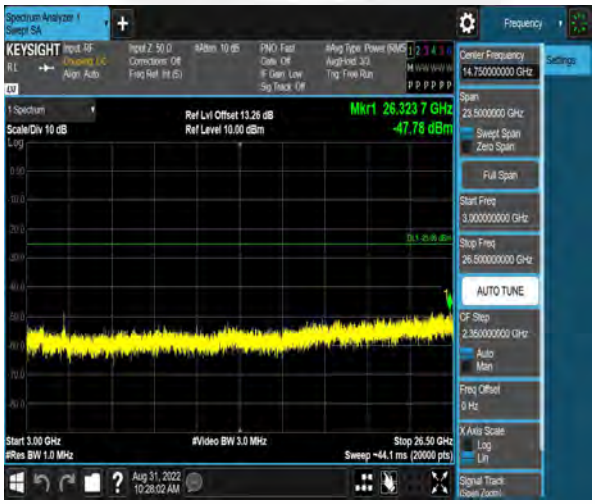



Band7-15MHz-64QAM-21100-1RB#0-Range1:30~1000MHz



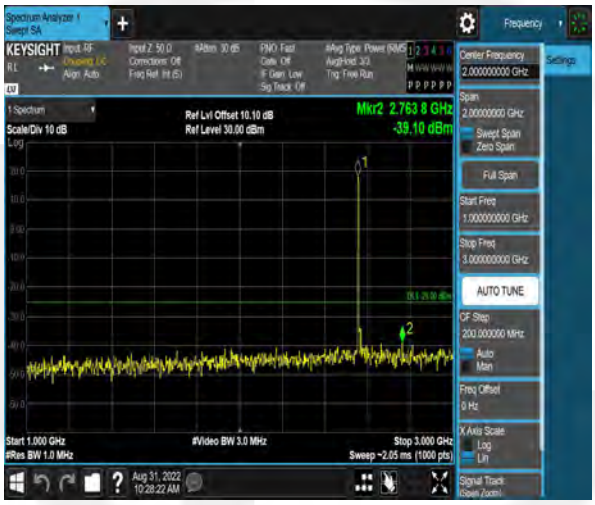

Band7-15MHz-64QAM-21100-1RB#0-Range2:1000~3000MHz

Band7-15MHz-64QAM-21100-1RB#0-Range3:3000~26500MHz

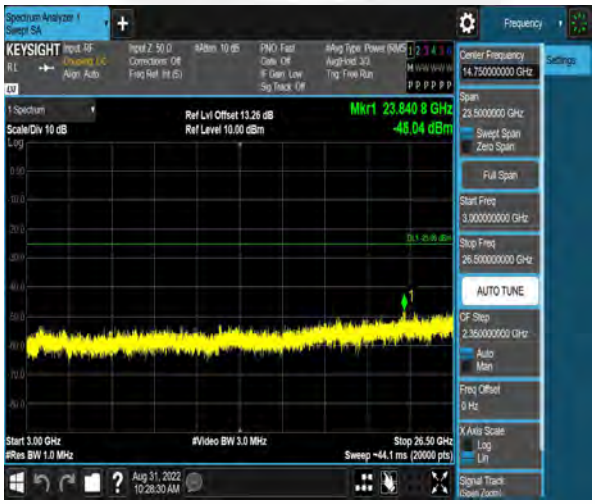



Band7-15MHz-64QAM-21375-1RB#0-Range1:30~1000MHz

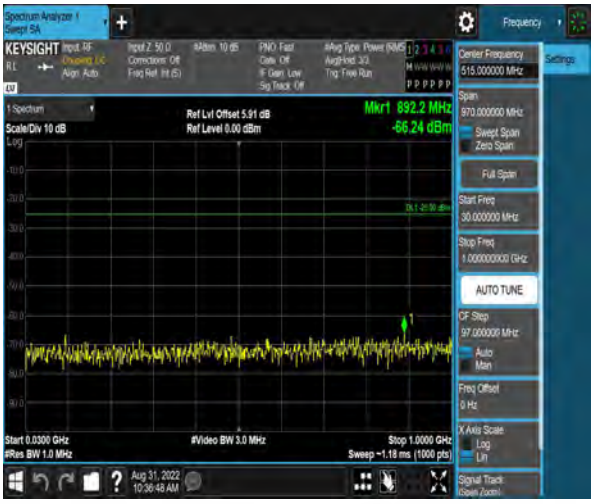
Band7-15MHz-64QAM-21375-1RB#0-Range2:1000~3000MHz




Band7-15MHz-64QAM-21375-1RB#0-Range3:3000~26500MHz

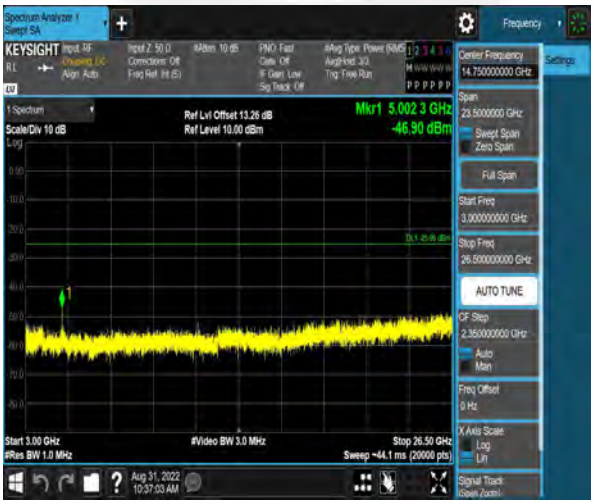



Band7-20MHz-64QAM-20850-1RB#0-Range1:30~1000MHz

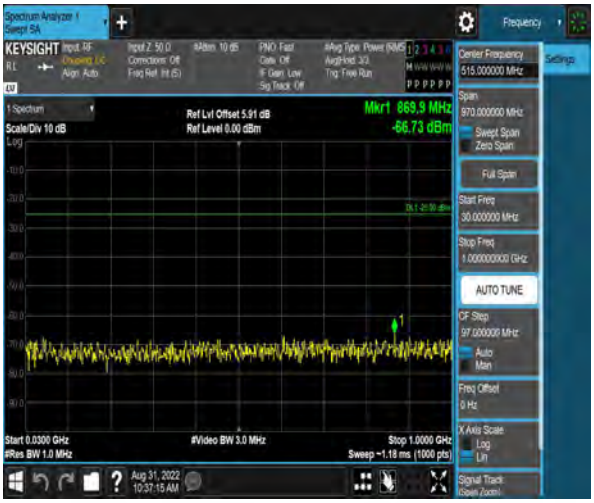



Band7-20MHz-64QAM-20850-1RB#0-Range2:1000~3000MHz

Band7-20MHz-64QAM-20850-1RB#0-Range3:3000~26500MHz

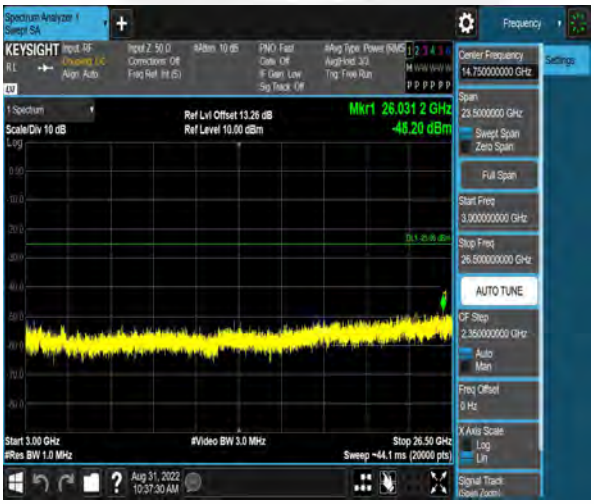



Band7-20MHz-64QAM-21100-1RB#0-Range1:30~1000MHz



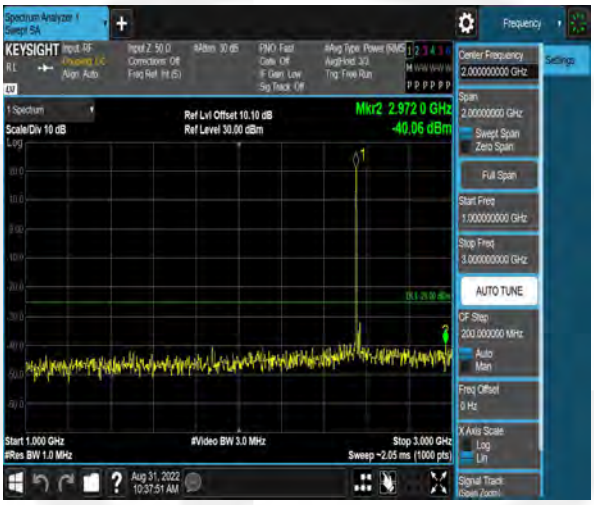

Band7-20MHz-64QAM-21100-1RB#0-Range2:1000~3000MHz

Band7-20MHz-64QAM-21100-1RB#0-Range3:3000~26500MHz

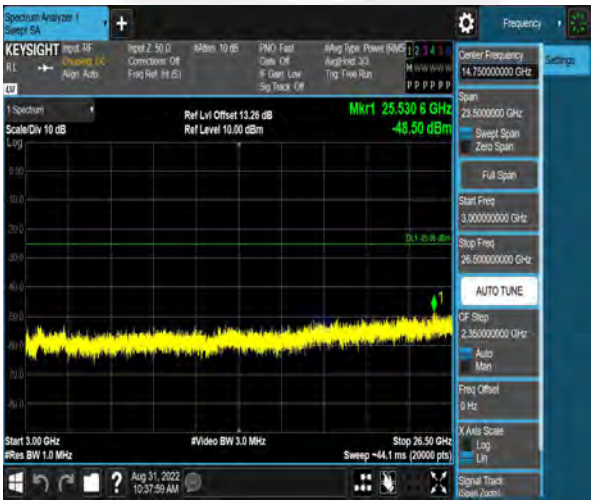



Band7-20MHz-64QAM-21350-1RB#0-Range1:30~1000MHz

Band7-20MHz-64QAM-21350-1RB#0-Range2:1000~3000MHz




Band7-20MHz-64QAM-21350-1RB#0-Range3:3000~26500MHz



# Appendix F: Frequency Stability

## Test Result

| Voltage | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (℃) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | VL | NT | -17.77 | -0.007101 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | VN | NT | -18.87 | -0.007540 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | VH | NT | -14.18 | -0.005666 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0 | VL | NT | 12.96 | 0.005112 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0 | VN | NT | -6.04 | -0.002383 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0 | VH | NT | 13.40 | 0.005286 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | VL | NT | 15.31 | 0.005963 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | VN | NT | 7.85 | 0.003057 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | VH | NT | 12.10 | 0.004713 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | VL | NT | -13.00 | -0.005190 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | VN | NT | 13.40 | 0.005349 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | VH | NT | -5.91 | -0.002359 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0 | VL | NT | 13.60 | 0.005365 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0 | VN | NT | 11.84 | 0.004671 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0 | VH | NT | 4.63 | 0.001826 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | VL | NT | 10.69 | 0.004168 | ±2.5 | PASS |

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| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | VN | NT | 9.73 | 0.003793 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | VH | NT | -13.68 | -0.005333 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | VL | NT | 16.22 | 0.006469 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | VN | NT | 4.71 | 0.001878 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | VH | NT | 15.38 | 0.006134 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0 | VL | NT | 11.96 | 0.004718 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0 | VN | NT | -10.70 | -0.004221 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0 | VH | NT | -7.94 | -0.003132 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | VL | NT | -15.16 | -0.005916 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | VN | NT | -14.08 | -0.005495 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | VH | NT | -7.88 | -0.003075 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | VL | NT | -21.96 | -0.008749 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | VN | NT | -24.46 | -0.009745 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | VH | NT | -24.66 | -0.009825 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | VL | NT | 8.48 | 0.003345 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | VN | NT | 4.53 | 0.001787 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | VH | NT | -4.02 | -0.001586 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | VL | NT | 13.25 | 0.005176 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | VN | NT | 15.52 | 0.00606 | ±2.5 | PASS |

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| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | VH | NT | 8.51 | 0.003324 | ±2.5 | PASS |

| Voltage | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (℃) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | NV | -30 | -4.91 | -0.001962 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | NV | -20 | -18.24 | -0.007289 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | NV | -10 | -13.30 | -0.005315 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | NV | 0 | -4.96 | -0.001982 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | NV | 10 | 8.58 | 0.003429 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | NV | 20 | -12.50 | -0.004995 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | NV | 30 | -7.75 | -0.003097 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | NV | 40 | 7.01 | 0.002801 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | NV | 50 | -12.70 | -0.005075 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0 | NV | -30 | 9.14 | 0.003606 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0 | NV | -20 | 4.41 | 0.001740 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0 | NV | -10 | -5.85 | -0.002308 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0 | NV | 0 | -9.43 | -0.003720 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0 | NV | 10 | -10.01 | -0.003949 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0 | NV | 20 | -15.11 | -0.005961 | ±2.5 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0 | NV | 30 | -16.78 | -0.006619 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0 | NV | 40 | 11.99 | 0.004730 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0 | NV | 50 | 11.47 | 0.004525 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | NV | -30 | 8.65 | 0.003369 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | NV | -20 | 7.88 | 0.003069 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | NV | -10 | 9.48 | 0.003692 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | NV | 0 | 12.87 | 0.005013 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | NV | 10 | 20.26 | 0.007891 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | NV | 20 | 8.44 | 0.003287 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | NV | 30 | 16.15 | 0.006290 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | NV | 40 | 10.19 | 0.003969 | ±2.5 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | NV | 50 | -8.54 | -0.003326 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | NV | -30 | 11.73 | 0.004683 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | NV | -20 | -13.62 | -0.005437 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | NV | -10 | -6.28 | -0.002507 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | NV | 0 | 7.77 | 0.003102 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | NV | 10 | 12.75 | 0.005090 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | NV | 20 | -8.21 | -0.003277 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | NV | 30 | -5.61 | -0.0022 | ±2.5 | PASS |

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| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | NV | 40 | 10.37 | 0.004140 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | NV | 50 | 12.53 | 0.005002 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0 | NV | -30 | 10.33 | 0.004075 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0 | NV | -20 | 9.70 | 0.003826 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0 | NV | -10 | -8.64 | -0.003408 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0 | NV | 0 | -9.73 | -0.003838 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0 | NV | 10 | 9.57 | 0.003775 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0 | NV | 20 | -3.96 | -0.001562 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0 | NV | 30 | -11.49 | -0.004533 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0 | NV | 40 | 13.63 | 0.005377 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0 | NV | 50 | 11.60 | 0.004576 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | NV | -30 | 11.93 | 0.004651 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | NV | -20 | -11.56 | -0.004507 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | NV | -10 | 6.27 | 0.002444 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | NV | 0 | -10.84 | -0.004226 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | NV | 10 | 8.17 | 0.003185 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | NV | 20 | -7.87 | -0.003068 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | NV | 30 | -12.06 | -0.004702 | ±2.5 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | NV | 40 | 6.02 | 0.002347 | ±2.5 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | NV | 50 | -4.46 | -0.001739 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | NV | -30 | 15.19 | 0.006058 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | NV | -20 | -7.48 | -0.002983 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | NV | -10 | 2.82 | 0.001125 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | NV | 0 | 6.67 | 0.002660 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | NV | 10 | 9.64 | 0.003844 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | NV | 20 | 12.59 | 0.005021 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | NV | 30 | 19.24 | 0.007673 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | NV | 40 | 18.70 | 0.007458 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | NV | 50 | -4.92 | -0.001962 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0 | NV | -30 | 9.57 | 0.003775 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0 | NV | -20 | 5.69 | 0.002245 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0 | NV | -10 | -8.23 | -0.003247 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0 | NV | 0 | -12.56 | -0.004955 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0 | NV | 10 | -13.68 | -0.005396 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0 | NV | 20 | 11.16 | 0.004402 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0 | NV | 30 | 7.68 | 0.003030 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0 | NV | 40 | -3.69 | -0.0014 | ±2.5 | PASS |

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| Band7 | 15MHz | 64QAM | 21100 | 75RB#0 | NV | 50 | -3.25 | -0.001282 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | NV | -30 | -13.13 | -0.005124 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | NV | -20 | 7.05 | 0.002751 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | NV | -10 | -7.48 | -0.002919 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | NV | 0 | -10.19 | -0.003977 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | NV | 10 | -17.15 | -0.006693 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | NV | 20 | -15.64 | -0.006103 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | NV | 30 | -16.95 | -0.006615 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | NV | 40 | -16.94 | -0.006611 | ±2.5 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | NV | 50 | 3.86 | 0.001506 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | -30 | -22.72 | -0.009052 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | -20 | -22.39 | -0.008920 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | -10 | -20.48 | -0.008159 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 0 | -22.89 | -0.009120 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 10 | -19.80 | -0.007888 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 20 | -19.67 | -0.007837 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 30 | -17.18 | -0.006845 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 40 | -18.61 | -0.007414 | ±2.5 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | NV | 50 | -18.01 | -0.007175 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | -30 | -7.91 | -0.003120 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | -20 | -9.11 | -0.003594 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | -10 | -12.65 | -0.004990 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 0 | -13.80 | -0.005444 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 10 | 9.73 | 0.003838 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 20 | 7.31 | 0.002884 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 30 | 5.58 | 0.002201 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 40 | 7.98 | 0.003148 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | NV | 50 | 6.04 | 0.002383 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | -30 | 2.83 | 0.001105 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | -20 | -7.05 | -0.002754 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | -10 | -8.75 | -0.003418 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 0 | -6.88 | -0.002688 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 10 | 13.73 | 0.005363 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 20 | 16.45 | 0.006426 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 30 | 15.12 | 0.005906 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 40 | 17.14 | 0.006695 | ±2.5 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | NV | 50 | 15.95 | 0.00623 | ±2.5 | PASS |

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