



Reference No.: W7L-P24090003RF05

## FREQUENCY STABILITY TEST RESULT

| Voltage |           |            |         |                  |               |                  |                |                 |            |            |             |         |
|---------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|------------|------------|-------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | FL (MHz)   | FH (MHz)   | Limit (MHz) | Verdict |
| Band25  | 10MHz     | QPSK       | 26090   | 50RB #0          | VN            | NT               | 3200.00        | 1.73            | 1850.5309  | --         | 1850-1915   | PASS    |
| Band25  | 10MHz     | QPSK       | 26090   | 50RB #0          | VL            | NT               | 886.38         | 0.47            | 1850.53185 | --         | 1850-1915   | PASS    |
| Band25  | 10MHz     | QPSK       | 26090   | 50RB #0          | VH            | NT               | 1910.00        | 1.03            | 1850.52916 | --         | 1850-1915   | PASS    |
| Band25  | 10MHz     | QPSK       | 26640   | 50RB #0          | VN            | NT               | -2020.00       | -1.06           | --         | 1914.46893 | 1850-1915   | PASS    |
| Band25  | 10MHz     | QPSK       | 26640   | 50RB #0          | VL            | NT               | -1680.00       | -0.88           | --         | 1914.46832 | 1850-1915   | PASS    |
| Band25  | 10MHz     | QPSK       | 26640   | 50RB #0          | VH            | NT               | -2050.00       | -1.07           | --         | 1914.4687  | 1850-1915   | PASS    |

| Temperature |           |            |         |                  |               |                  |                |                 |            |            |             |         |
|-------------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|------------|------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | FL (MHz)   | FH (MHz)   | Limit (MHz) | Verdict |
| Band25      | 10MHz     | QPSK       | 26090   | 50RB #0          | NV            | -30              | 910.16         | 0.48            | 1850.53285 | --         | 1850-1915   | PASS    |
| Band25      | 10MHz     | QPSK       | 26090   | 50RB #0          | NV            | -20              | 919.82         | 0.49            | 1850.52688 | --         | 1850-1915   | PASS    |
| Band25      | 10MHz     | QPSK       | 26090   | 50RB #0          | NV            | -10              | 912.03         | 0.48            | 1850.53405 | --         | 1850-1915   | PASS    |
| Band25      | 10MHz     | QPSK       | 26090   | 50RB #0          | NV            | 0                | 815.77         | 0.43            | 1850.52981 | --         | 1850-1915   | PASS    |
| Band25      | 10MHz     | QPSK       | 26090   | 50RB #0          | NV            | 10               | 640.45         | 0.34            | 1850.52834 | --         | 1850-1915   | PASS    |
| Band25      | 10MHz     | QPSK       | 26090   | 50RB #0          | NV            | 20               | 547.62         | 0.29            | 1850.53683 | --         | 1850-1915   | PASS    |
| Band25      | 10MHz     | QPSK       | 26090   | 50RB #0          | NV            | 30               | 433.13         | 0.23            | 1850.53257 | --         | 1850-1915   | PASS    |
| Band25      | 10MHz     | QPSK       | 26090   | 50RB #0          | NV            | 40               | 397.52         | 0.21            | 1850.53071 | --         | 1850-1915   | PASS    |
| Band25      | 10MHz     | QPSK       | 26090   | 50RB #0          | NV            | 50               | 355.62         | 0.19            | 1850.53059 | --         | 1850-1915   | PASS    |
| Band25      | 10MHz     | QPSK       | 26640   | 50RB #0          | NV            | -30              | 969.27         | 0.51            | --         | 1914.46807 | 1850-1915   | PASS    |
| Band25      | 10MHz     | QPSK       | 26640   | 50RB #0          | NV            | -20              | 863.83         | 0.45            | --         | 1914.4763  | 1850-1915   | PASS    |
| Band25      | 10MHz     | QPSK       | 26640   | 50RB #0          | NV            | -10              | 772.22         | 0.40            | --         | 1914.4689  | 1850-1915   | PASS    |
| Band25      | 10MHz     | QPSK       | 26640   | 50RB #0          | NV            | 0                | 707.24         | 0.37            | --         | 1914.47467 | 1850-1915   | PASS    |
| Band25      | 10MHz     | QPSK       | 26640   | 50RB #0          | NV            | 10               | 594.2          | 0.31            | --         | 1914.      | 1850-1915   | PASS    |



BUREAU  
VERITAS

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|            |           |      |       |            |    |    |             |       |    |                |               |      |
|------------|-----------|------|-------|------------|----|----|-------------|-------|----|----------------|---------------|------|
| 5          | z         |      |       | #0         |    |    | 4           |       |    | 46291          | 1915          |      |
| Band2<br>5 | 10MH<br>z | QPSK | 26640 | 50RB<br>#0 | NV | 20 | 306.1<br>6  | 0.16  | -- | 1914.<br>46683 | 1850-<br>1915 | PASS |
| Band2<br>5 | 10MH<br>z | QPSK | 26640 | 50RB<br>#0 | NV | 30 | 42.43       | 0.02  | -- | 1914.<br>46379 | 1850-<br>1915 | PASS |
| Band2<br>5 | 10MH<br>z | QPSK | 26640 | 50RB<br>#0 | NV | 40 | -142.0<br>5 | -0.07 | -- | 1914.<br>47162 | 1850-<br>1915 | PASS |
| Band2<br>5 | 10MH<br>z | QPSK | 26640 | 50RB<br>#0 | NV | 50 | -254.4<br>9 | -0.13 | -- | 1914.<br>46752 | 1850-<br>1915 | PASS |

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