



## 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 |
| Band2   | 10MHz     | QPSK       | 18650   | 50RB #0          | VN            | NT               | -1270.00       | -0.684636       | 1850.52638 | ---        | 1850-1910   | PASS    |
| Band2   | 10MHz     | QPSK       | 18650   | 50RB #0          | VL            | NT               | -2960.00       | -1.595687       | 1850.52654 | ---        | 1850-1910   | PASS    |
| Band2   | 10MHz     | QPSK       | 18650   | 50RB #0          | VH            | NT               | -1320.00       | -0.711590       | 1850.52518 | ---        | 1850-1910   | PASS    |
| Band2   | 10MHz     | QPSK       | 19150   | 50RB #0          | VN            | NT               | -770.00        | -0.404199       | ---        | 1909.47053 | 1850-1910   | PASS    |
| Band2   | 10MHz     | QPSK       | 19150   | 50RB #0          | VL            | NT               | -3700.00       | -1.942257       | ---        | 1909.46825 | 1850-1910   | PASS    |
| Band2   | 10MHz     | QPSK       | 19150   | 50RB #0          | VH            | NT               | -4400.00       | -2.309711       | ---        | 1909.47185 | 1850-1910   | PASS    |

| Temperature |           |            |         |                  |               |                  |                |                 |            |            |             |         |
|-------------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|------------|------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | FL (MHz)   | FH (MHz)   | Limit (MHz) | Verdict |
| Band2       | 10MHz     | QPSK       | 18650   | 50RB #0          | NV            | -30              | -1067.99       | -0.575737       | 1850.52587 | ---        | 1850-1910   | PASS    |
| Band2       | 10MHz     | QPSK       | 18650   | 50RB #0          | NV            | -20              | 1247.96        | 0.672756        | 1850.53541 | ---        | 1850-1910   | PASS    |
| Band2       | 10MHz     | QPSK       | 18650   | 50RB #0          | NV            | -10              | -1318.10       | -0.710563       | 1850.52864 | ---        | 1850-1910   | PASS    |
| Band2       | 10MHz     | QPSK       | 18650   | 50RB #0          | NV            | 0                | -1315.64       | -0.709239       | 1850.52233 | ---        | 1850-1910   | PASS    |
| Band2       | 10MHz     | QPSK       | 18650   | 50RB #0          | NV            | 10               | 1241.07        | 0.669039        | 1850.52538 | ---        | 1850-1910   | PASS    |
| Band2       | 10MHz     | QPSK       | 18650   | 50RB #0          | NV            | 20               | -1292.12       | -0.696563       | 1850.52572 | ---        | 1850-1910   | PASS    |
| Band2       | 10MHz     | QPSK       | 18650   | 50RB #0          | NV            | 30               | 1194.82        | 0.644107        | 1850.53357 | ---        | 1850-1910   | PASS    |
| Band2       | 10MHz     | QPSK       | 18650   | 50RB #0          | NV            | 40               | 1098.11        | 0.591971        | 1850.53689 | ---        | 1850-1910   | PASS    |
| Band2       | 10MHz     | QPSK       | 18650   | 50RB #0          | NV            | 50               | -1224.71       | -0.660223       | 1850.53178 | ---        | 1850-1910   | PASS    |
| Band2       | 10MHz     | QPSK       | 19150   | 50RB #0          | NV            | -30              | 955.52         | 0.501584        | ---        | 1909.46257 | 1850-1910   | PASS    |
| Band2       | 10MHz     | QPSK       | 19150   | 50RB #0          | NV            | -20              | -1225.28       | -0.643193       | ---        | 1909.46575 | 1850-1910   | PASS    |
| Band2       | 10MHz     | QPSK       | 19150   | 50RB #0          | NV            | -10              | -1409.54       | -0.739917       | ---        | 1909.46496 | 1850-1910   | PASS    |



**BUREAU  
VERITAS**

**Test Report No.: W7L-240618W001RF06**

|       |           |      |       |            |    |    |              |               |     |                |               |      |
|-------|-----------|------|-------|------------|----|----|--------------|---------------|-----|----------------|---------------|------|
| Band2 | 10MH<br>z | QPSK | 19150 | 50RB<br>#0 | NV | 0  | 1170.<br>90  | 0.614<br>643  | --- | 1909.<br>46651 | 1850-<br>1910 | PASS |
| Band2 | 10MH<br>z | QPSK | 19150 | 50RB<br>#0 | NV | 10 | 1137.<br>18  | 0.596<br>945  | --- | 1909.<br>4663  | 1850-<br>1910 | PASS |
| Band2 | 10MH<br>z | QPSK | 19150 | 50RB<br>#0 | NV | 20 | -609.9<br>2  | -0.320<br>170 | --- | 1909.<br>46818 | 1850-<br>1910 | PASS |
| Band2 | 10MH<br>z | QPSK | 19150 | 50RB<br>#0 | NV | 30 | -859.9<br>4  | -0.451<br>412 | --- | 1909.<br>46555 | 1850-<br>1910 | PASS |
| Band2 | 10MH<br>z | QPSK | 19150 | 50RB<br>#0 | NV | 40 | -1242.<br>86 | -0.652<br>417 | --- | 1909.<br>46988 | 1850-<br>1910 | PASS |
| Band2 | 10MH<br>z | QPSK | 19150 | 50RB<br>#0 | NV | 50 | -1463.<br>31 | -0.768<br>141 | --- | 1909.<br>46432 | 1850-<br>1910 | PASS |

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