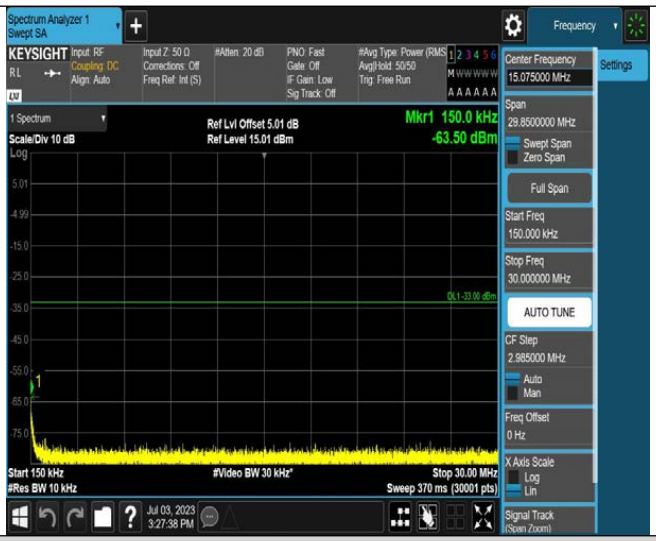
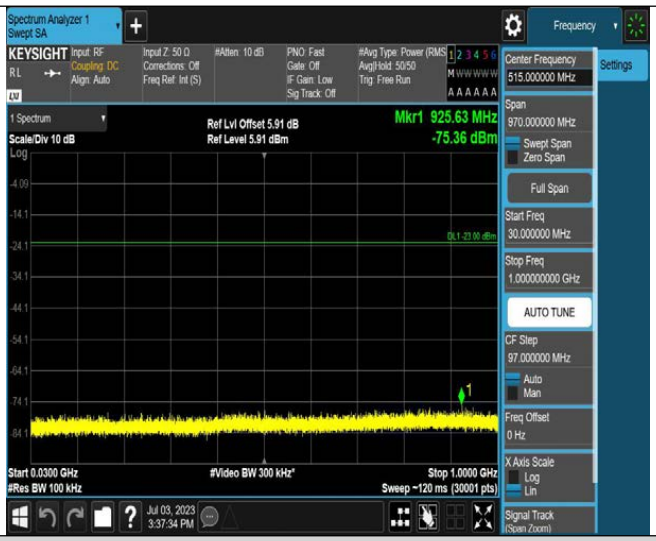



Band4-1413-2-0.009~0.15MHz

Band4-1413-2-10000~20000MHz

Band4-1413-3-30~1000MHz



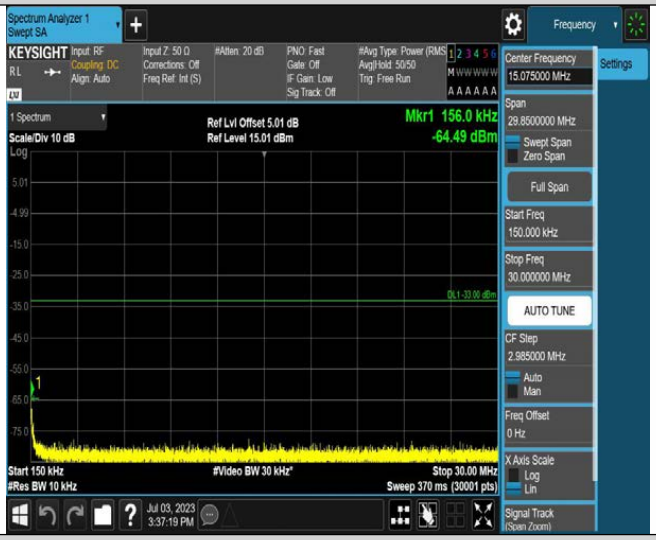

Band4-1413-3-0.009~0.15MHz

Band4-1413-3-1000~3000MHz

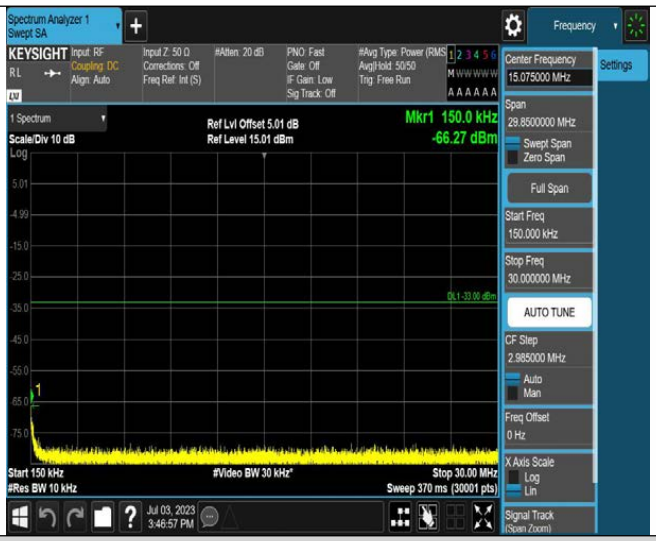
Band4-1413-3-3000~10000MHz

Band4-1413-3-10000~20000MHz

Band4-1413-3-0.15~30MHz




Band4-1413-4-0.15~30MHz




Band4-1413-4-10000~20000MHz

Band4-1413-4-3000~10000MHz

Band4-1413-4-30~1000MHz

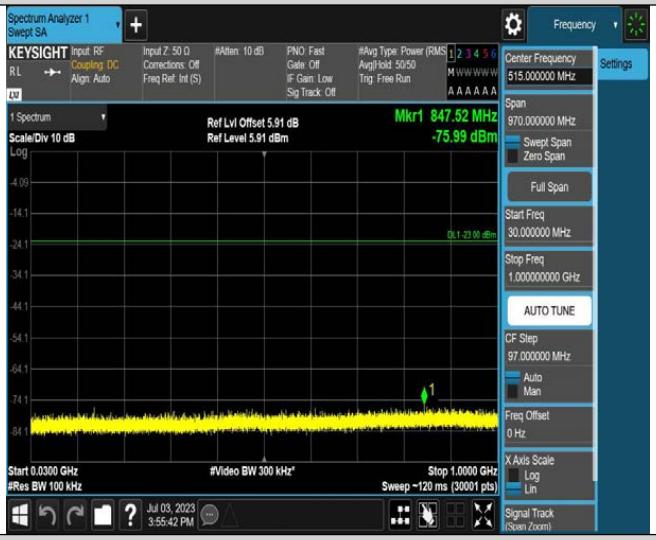
Band4-1413-4-0.009~0.15MHz

Band4-1413-4-1000~3000MHz

Band4-1413-5-10000~20000MHz

Band4-1413-5-0.15~30MHz

Band4-1413-5-30~1000MHz




Band4-1413-5-1000~3000MHz

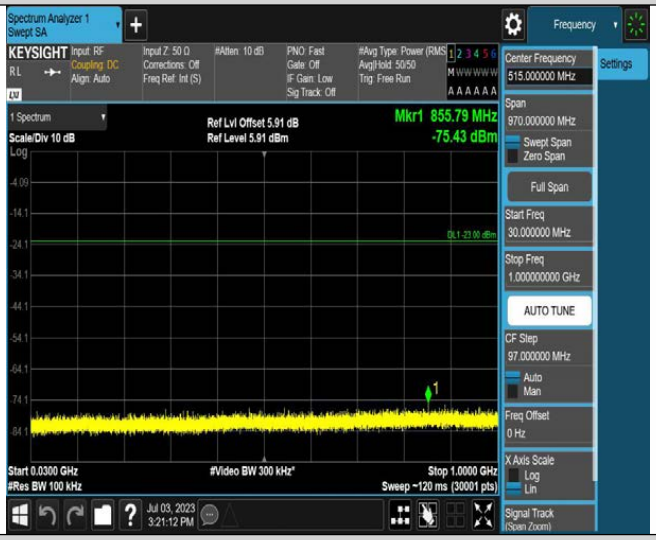
Band4-1413-5-3000~10000MHz

Band4-1413-5-0.009~0.15MHz

Band4-1513-1-0.009~0.15MHz

Band4-1513-1-0.15~30MHz

Band4-1513-1-30~1000MHz




Band4-1513-1-1000~3000MHz

Band4-1513-1-3000~10000MHz

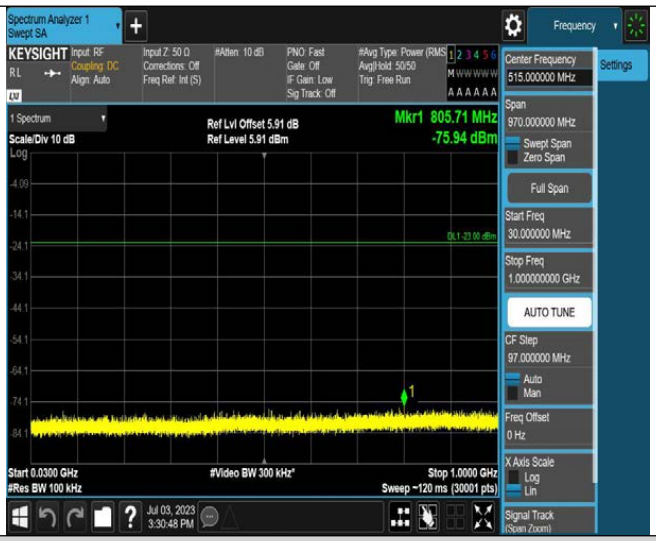
Band4-1513-1-10000~20000MHz

Band4-1513-2-1000~3000MHz

Band4-1513-2-10000~20000MHz

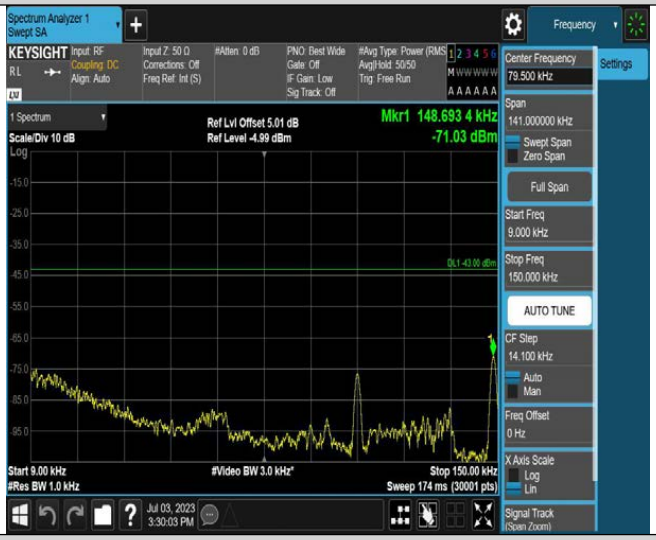
Band4-1513-2-3000~10000MHz

Band4-1513-2-30~1000MHz




Band4-1513-2-0.15~30MHz

Band4-1513-2-0.009~0.15MHz

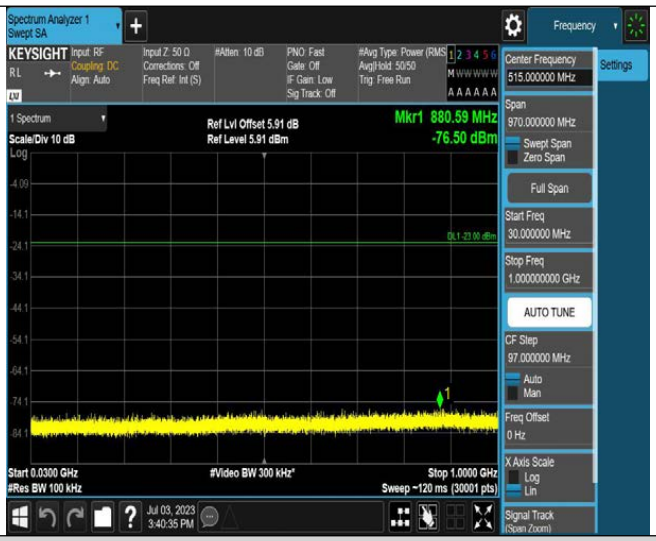



Band4-1513-3-3000~10000MHz

Band4-1513-3-0.15~30MHz

Band4-1513-3-10000~20000MHz

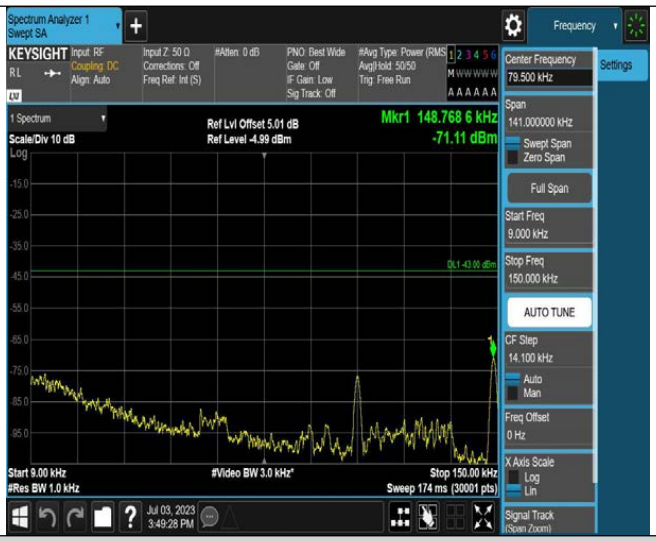
Band4-1513-3-30~1000MHz




Band4-1513-3-1000~3000MHz

Band4-1513-3-0.009~0.15MHz

Band4-1513-4-0.009~0.15MHz



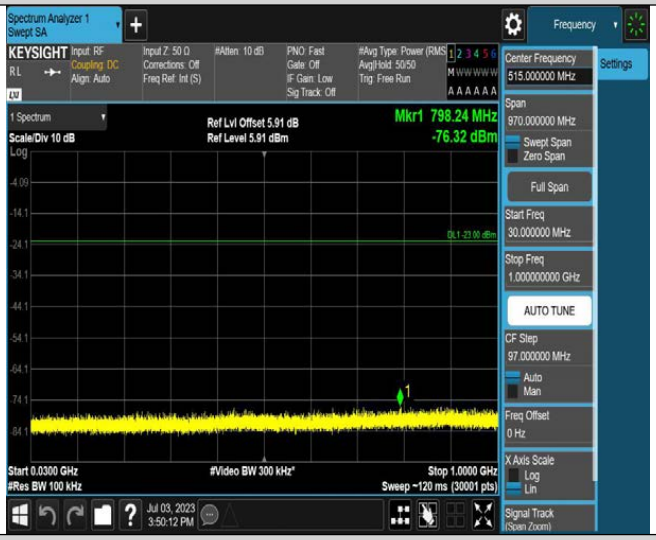

Band4-1513-4-10000~20000MHz

Band4-1513-4-3000~10000MHz

Band4-1513-4-1000~3000MHz

Band4-1513-4-0.15~30MHz

Band4-1513-4-30~1000MHz

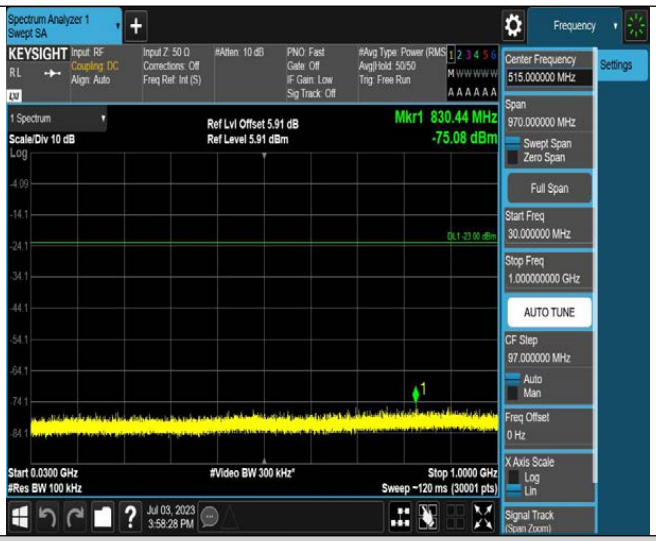



Band4-1513-5-10000~20000MHz

Band4-1513-5-0.009~0.15MHz

Band4-1513-5-0.15~30MHz

Band4-1513-5-30~1000MHz




Band4-1513-5-1000~3000MHz

Band4-1513-5-3000~10000MHz

# AppendixF:Frequency Stability

## Test Result

| Voltage | | | | | | | |
|---|---|---|---|---|---|---|---|
| Band | Channel | Voltage (Vdc) | Temperature (℃) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band4 | 1312 | VL | NT | -0.50 | -0.000292 | ±2.5 | PASS |
| Band4 | 1312 | VN | NT | -5.12 | -0.002990 | ±2.5 | PASS |
| Band4 | 1312 | VH | NT | -0.19 | -0.000111 | ±2.5 | PASS |
| Band4 | 1413 | VL | NT | 1.38 | 0.000796 | ±2.5 | PASS |
| Band4 | 1413 | VN | NT | -1.07 | -0.000618 | ±2.5 | PASS |
| Band4 | 1413 | VH | NT | -0.64 | -0.000369 | ±2.5 | PASS |
| Band4 | 1513 | VL | NT | -0.13 | -0.000074 | ±2.5 | PASS |
| Band4 | 1513 | VN | NT | -1.79 | -0.001021 | ±2.5 | PASS |
| Band4 | 1513 | VH | NT | -4.96 | -0.002830 | ±2.5 | PASS |

| Temperature | | | | | | | |
|---|---|---|---|---|---|---|---|
| Band | Channel | Voltage (Vdc) | Temperature (℃) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band4 | 1312 | NV | -30 | -7.18 | -0.004193 | ±2.5 | PASS |
| Band4 | 1312 | NV | -20 | -1.66 | -0.000969 | ±2.5 | PASS |
| Band4 | 1312 | NV | -10 | 0.43 | 0.000251 | ±2.5 | PASS |
| Band4 | 1312 | NV | 0 | 0.25 | 0.000146 | ±2.5 | PASS |
| Band4 | 1312 | NV | 10 | -2.54 | -0.001483 | ±2.5 | PASS |
| Band4 | 1312 | NV | 20 | -4.78 | -0.002791 | ±2.5 | PASS |
| Band4 | 1312 | NV | 30 | -6.84 | -0.003994 | ±2.5 | PASS |
| Band4 | 1312 | NV | 40 | -4.62 | -0.002698 | ±2.5 | PASS |
| Band4 | 1312 | NV | 50 | 0.18 | 0.000105 | ±2.5 | PASS |
| Band4 | 1413 | NV | -30 | 0.89 | 0.000514 | ±2.5 | PASS |
| Band4 | 1413 | NV | -20 | -4.21 | -0.002430 | ±2.5 | PASS |
| Band4 | 1413 | NV | -10 | -4.70 | -0.002713 | ±2.5 | PASS |
| Band4 | 1413 | NV | 0 | -4.41 | -0.002545 | ±2.5 | PASS |
| Band4 | 1413 | NV | 10 | -2.06 | -0.001189 | ±2.5 | PASS |
| Band4 | 1413 | NV | 20 | -2.26 | -0.001304 | ±2.5 | PASS |
| Band4 | 1413 | NV | 30 | -5.14 | -0.002967 | ±2.5 | PASS |
| Band4 | 1413 | NV | 40 | -0.59 | -0.000341 | ±2.5 | PASS |
| Band4 | 1413 | NV | 50 | 2.77 | 0.001599 | ±2.5 | PASS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Band4 | 1513 | NV | -30 | 0.38 | 0.000217 | ±2.5 | PASS |
| Band4 | 1513 | NV | -20 | 1.53 | 0.000873 | ±2.5 | PASS |
| Band4 | 1513 | NV | -10 | -3.39 | -0.001934 | ±2.5 | PASS |
| Band4 | 1513 | NV | 0 | 2.87 | 0.001638 | ±2.5 | PASS |
| Band4 | 1513 | NV | 10 | -1.97 | -0.001124 | ±2.5 | PASS |
| Band4 | 1513 | NV | 20 | -4.27 | -0.002436 | ±2.5 | PASS |
| Band4 | 1513 | NV | 30 | -0.44 | -0.000251 | ±2.5 | PASS |
| Band4 | 1513 | NV | 40 | 0.64 | 0.000365 | ±2.5 | PASS |
| Band4 | 1513 | NV | 50 | -6.34 | -0.003617 | ±2.5 | PASS |

| Voltage | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band | Channel | Sub Test | Voltage (Vdc) | Temperature (℃) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band4 | 1312 | 1 | VL | NT | -3.90 | -0.002278 | ±2.5 | PASS |
| Band4 | 1312 | 1 | VN | NT | -1.40 | -0.000818 | ±2.5 | PASS |
| Band4 | 1312 | 1 | VH | NT | -3.76 | -0.002196 | ±2.5 | PASS |
| Band4 | 1312 | 2 | VL | NT | -2.79 | -0.001629 | ±2.5 | PASS |
| Band4 | 1312 | 2 | VN | NT | -4.96 | -0.002897 | ±2.5 | PASS |
| Band4 | 1312 | 2 | VH | NT | -3.12 | -0.001822 | ±2.5 | PASS |
| Band4 | 1312 | 3 | VL | NT | -2.45 | -0.001431 | ±2.5 | PASS |
| Band4 | 1312 | 3 | VN | NT | -1.69 | -0.000987 | ±2.5 | PASS |
| Band4 | 1312 | 3 | VH | NT | -1.57 | -0.000917 | ±2.5 | PASS |
| Band4 | 1312 | 4 | VL | NT | 1.38 | 0.000806 | ±2.5 | PASS |
| Band4 | 1312 | 4 | VN | NT | -1.07 | -0.000625 | ±2.5 | PASS |
| Band4 | 1312 | 4 | VH | NT | -1.46 | -0.000853 | ±2.5 | PASS |
| Band4 | 1413 | 1 | VL | NT | 0.66 | 0.000381 | ±2.5 | PASS |
| Band4 | 1413 | 1 | VN | NT | -0.06 | -0.000035 | ±2.5 | PASS |
| Band4 | 1413 | 1 | VH | NT | -0.31 | -0.000179 | ±2.5 | PASS |
| Band4 | 1413 | 2 | VL | NT | 0.46 | 0.000265 | ±2.5 | PASS |
| Band4 | 1413 | 2 | VN | NT | -2.75 | -0.001587 | ±2.5 | PASS |
| Band4 | 1413 | 2 | VH | NT | -2.93 | -0.001691 | ±2.5 | PASS |
| Band4 | 1413 | 3 | VL | NT | -2.28 | -0.001316 | ±2.5 | PASS |
| Band4 | 1413 | 3 | VN | NT | -5.76 | -0.003324 | ±2.5 | PASS |
| Band4 | 1413 | 3 | VH | NT | -0.90 | -0.000519 | ±2.5 | PASS |
| Band4 | 1413 | 4 | VL | NT | -3.32 | -0.001916 | ±2.5 | PASS |
| Band4 | 1413 | 4 | VN | NT | 1.73 | 0.000998 | ±2.5 | PASS |
| Band4 | 1413 | 4 | VH | NT | -0.43 | -0.000248 | ±2.5 | PASS |
| Band4 | 1513 | 1 | VL | NT | -1.82 | -0.001038 | ±2.5 | PASS |
| Band4 | 1513 | 1 | VN | NT | -3.45 | -0.001969 | ±2.5 | PASS |
| Band4 | 1513 | 1 | VH | NT | 0.23 | 0.000131 | ±2.5 | PASS |
| Band4 | 1513 | 2 | VL | NT | -4.78 | -0.002727 | ±2.5 | PASS |
| Band4 | 1513 | 2 | VN | NT | -1.51 | -0.000862 | ±2.5 | PASS |
| Band4 | 1513 | 2 | VH | NT | -3.20 | -0.001826 | ±2.5 | PASS |
| Band4 | 1513 | 3 | VL | NT | -0.94 | -0.000536 | ±2.5 | PASS |
| Band4 | 1513 | 3 | VN | NT | -1.07 | -0.000611 | ±2.5 | PASS |
| Band4 | 1513 | 3 | VH | NT | -0.51 | -0.000291 | ±2.5 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band4 | 1513 | 4 | VL | NT | -2.28 | -0.001301 | ±2.5 | PASS |
| Band4 | 1513 | 4 | VN | NT | -1.07 | -0.000611 | ±2.5 | PASS |
| Band4 | 1513 | 4 | VH | NT | -0.75 | -0.000428 | ±2.5 | PASS |

| Temperature | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band | Channel | Sub Test | Voltage (Vdc) | Temperature (℃) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band4 | 1312 | 1 | NV | -30 | 1.73 | 0.001010 | ±2.5 | PASS |
| Band4 | 1312 | 1 | NV | -20 | 2.24 | 0.001308 | ±2.5 | PASS |
| Band4 | 1312 | 1 | NV | -10 | -4.29 | -0.002505 | ±2.5 | PASS |
| Band4 | 1312 | 1 | NV | 0 | -4.66 | -0.002721 | ±2.5 | PASS |
| Band4 | 1312 | 1 | NV | 10 | -2.37 | -0.001384 | ±2.5 | PASS |
| Band4 | 1312 | 1 | NV | 20 | 0.69 | 0.000403 | ±2.5 | PASS |
| Band4 | 1312 | 1 | NV | 30 | 2.09 | 0.001221 | ±2.5 | PASS |
| Band4 | 1312 | 1 | NV | 40 | -1.72 | -0.001004 | ±2.5 | PASS |
| Band4 | 1312 | 1 | NV | 50 | -2.05 | -0.001197 | ±2.5 | PASS |
| Band4 | 1312 | 2 | NV | -30 | -5.66 | -0.003305 | ±2.5 | PASS |
| Band4 | 1312 | 2 | NV | -20 | -3.36 | -0.001962 | ±2.5 | PASS |
| Band4 | 1312 | 2 | NV | -10 | -1.60 | -0.000934 | ±2.5 | PASS |
| Band4 | 1312 | 2 | NV | 0 | -2.80 | -0.001635 | ±2.5 | PASS |
| Band4 | 1312 | 2 | NV | 10 | -0.24 | -0.000140 | ±2.5 | PASS |
| Band4 | 1312 | 2 | NV | 20 | -0.10 | -0.000058 | ±2.5 | PASS |
| Band4 | 1312 | 2 | NV | 30 | -2.02 | -0.001180 | ±2.5 | PASS |
| Band4 | 1312 | 2 | NV | 40 | -6.77 | -0.003954 | ±2.5 | PASS |
| Band4 | 1312 | 2 | NV | 50 | -0.22 | -0.000128 | ±2.5 | PASS |
| Band4 | 1312 | 3 | NV | -30 | -0.42 | -0.000245 | ±2.5 | PASS |
| Band4 | 1312 | 3 | NV | -20 | -1.27 | -0.000742 | ±2.5 | PASS |
| Band4 | 1312 | 3 | NV | -10 | 0.60 | 0.000350 | ±2.5 | PASS |
| Band4 | 1312 | 3 | NV | 0 | -4.77 | -0.002786 | ±2.5 | PASS |
| Band4 | 1312 | 3 | NV | 10 | -2.76 | -0.001612 | ±2.5 | PASS |
| Band4 | 1312 | 3 | NV | 20 | 0.80 | 0.000467 | ±2.5 | PASS |
| Band4 | 1312 | 3 | NV | 30 | 2.30 | 0.001343 | ±2.5 | PASS |
| Band4 | 1312 | 3 | NV | 40 | 2.12 | 0.001238 | ±2.5 | PASS |
| Band4 | 1312 | 3 | NV | 50 | -1.80 | -0.001051 | ±2.5 | PASS |
| Band4 | 1312 | 4 | NV | -30 | -0.51 | -0.000298 | ±2.5 | PASS |
| Band4 | 1312 | 4 | NV | -20 | -4.40 | -0.002569 | ±2.5 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band4 | 1312 | 4 | NV | -10 | -4.42 | -0.002581 | ±2.5 | PASS |
| Band4 | 1312 | 4 | NV | 0 | -4.67 | -0.002727 | ±2.5 | PASS |
| Band4 | 1312 | 4 | NV | 10 | -0.40 | -0.000234 | ±2.5 | PASS |
| Band4 | 1312 | 4 | NV | 20 | -1.37 | -0.000800 | ±2.5 | PASS |
| Band4 | 1312 | 4 | NV | 30 | -2.22 | -0.001296 | ±2.5 | PASS |
| Band4 | 1312 | 4 | NV | 40 | -4.99 | -0.002914 | ±2.5 | PASS |
| Band4 | 1312 | 4 | NV | 50 | 3.10 | 0.001810 | ±2.5 | PASS |
| Band4 | 1413 | 1 | NV | -30 | -6.31 | -0.003642 | ±2.5 | PASS |
| Band4 | 1413 | 1 | NV | -20 | -2.29 | -0.001322 | ±2.5 | PASS |
| Band4 | 1413 | 1 | NV | -10 | -7.08 | -0.004086 | ±2.5 | PASS |
| Band4 | 1413 | 1 | NV | 0 | 0.93 | 0.000537 | ±2.5 | PASS |
| Band4 | 1413 | 1 | NV | 10 | -0.99 | -0.000571 | ±2.5 | PASS |
| Band4 | 1413 | 1 | NV | 20 | -0.52 | -0.000300 | ±2.5 | PASS |
| Band4 | 1413 | 1 | NV | 30 | -3.49 | -0.002014 | ±2.5 | PASS |
| Band4 | 1413 | 1 | NV | 40 | 1.09 | 0.000629 | ±2.5 | PASS |
| Band4 | 1413 | 1 | NV | 50 | -5.27 | -0.003042 | ±2.5 | PASS |
| Band4 | 1413 | 2 | NV | -30 | -0.24 | -0.000139 | ±2.5 | PASS |
| Band4 | 1413 | 2 | NV | -20 | -2.12 | -0.001224 | ±2.5 | PASS |
| Band4 | 1413 | 2 | NV | -10 | -2.85 | -0.001645 | ±2.5 | PASS |
| Band4 | 1413 | 2 | NV | 0 | 0.15 | 0.000087 | ±2.5 | PASS |
| Band4 | 1413 | 2 | NV | 10 | -5.27 | -0.003042 | ±2.5 | PASS |
| Band4 | 1413 | 2 | NV | 20 | -2.25 | -0.001299 | ±2.5 | PASS |
| Band4 | 1413 | 2 | NV | 30 | -3.82 | -0.002205 | ±2.5 | PASS |
| Band4 | 1413 | 2 | NV | 40 | -7.12 | -0.004109 | ±2.5 | PASS |
| Band4 | 1413 | 2 | NV | 50 | -0.86 | -0.000496 | ±2.5 | PASS |
| Band4 | 1413 | 3 | NV | -30 | -1.08 | -0.000623 | ±2.5 | PASS |
| Band4 | 1413 | 3 | NV | -20 | -2.52 | -0.001454 | ±2.5 | PASS |
| Band4 | 1413 | 3 | NV | -10 | -4.41 | -0.002545 | ±2.5 | PASS |
| Band4 | 1413 | 3 | NV | 0 | -0.92 | -0.000531 | ±2.5 | PASS |
| Band4 | 1413 | 3 | NV | 10 | -0.36 | -0.000208 | ±2.5 | PASS |
| Band4 | 1413 | 3 | NV | 20 | -2.48 | -0.001431 | ±2.5 | PASS |
| Band4 | 1413 | 3 | NV | 30 | -4.40 | -0.002540 | ±2.5 | PASS |
| Band4 | 1413 | 3 | NV | 40 | -2.28 | -0.001316 | ±2.5 | PASS |
| Band4 | 1413 | 3 | NV | 50 | -0.27 | -0.000156 | ±2.5 | PASS |
| Band4 | 1413 | 4 | NV | -30 | -1.37 | -0.000791 | ±2.5 | PASS |
| Band4 | 1413 | 4 | NV | -20 | -5.13 | -0.002961 | ±2.5 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band4 | 1413 | 4 | NV | -10 | -0.64 | -0.000369 | ±2.5 | PASS |
| Band4 | 1413 | 4 | NV | 0 | -0.54 | -0.000312 | ±2.5 | PASS |
| Band4 | 1413 | 4 | NV | 10 | -1.59 | -0.000918 | ±2.5 | PASS |
| Band4 | 1413 | 4 | NV | 20 | -2.73 | -0.001576 | ±2.5 | PASS |
| Band4 | 1413 | 4 | NV | 30 | -3.35 | -0.001934 | ±2.5 | PASS |
| Band4 | 1413 | 4 | NV | 40 | -8.63 | -0.004981 | ±2.5 | PASS |
| Band4 | 1413 | 4 | NV | 50 | 1.38 | 0.000796 | ±2.5 | PASS |
| Band4 | 1513 | 1 | NV | -30 | -2.33 | -0.001329 | ±2.5 | PASS |
| Band4 | 1513 | 1 | NV | -20 | -2.87 | -0.001638 | ±2.5 | PASS |
| Band4 | 1513 | 1 | NV | -10 | -0.25 | -0.000143 | ±2.5 | PASS |
| Band4 | 1513 | 1 | NV | 0 | -2.05 | -0.001170 | ±2.5 | PASS |
| Band4 | 1513 | 1 | NV | 10 | 0.85 | 0.000485 | ±2.5 | PASS |
| Band4 | 1513 | 1 | NV | 20 | -2.32 | -0.001324 | ±2.5 | PASS |
| Band4 | 1513 | 1 | NV | 30 | 1.17 | 0.000668 | ±2.5 | PASS |
| Band4 | 1513 | 1 | NV | 40 | -2.95 | -0.001683 | ±2.5 | PASS |
| Band4 | 1513 | 1 | NV | 50 | -4.28 | -0.002442 | ±2.5 | PASS |
| Band4 | 1513 | 2 | NV | -30 | -2.09 | -0.001193 | ±2.5 | PASS |
| Band4 | 1513 | 2 | NV | -20 | -2.26 | -0.001290 | ±2.5 | PASS |
| Band4 | 1513 | 2 | NV | -10 | -2.94 | -0.001678 | ±2.5 | PASS |
| Band4 | 1513 | 2 | NV | 0 | -2.78 | -0.001586 | ±2.5 | PASS |
| Band4 | 1513 | 2 | NV | 10 | -2.69 | -0.001535 | ±2.5 | PASS |
| Band4 | 1513 | 2 | NV | 20 | 1.89 | 0.001078 | ±2.5 | PASS |
| Band4 | 1513 | 2 | NV | 30 | -3.61 | -0.002060 | ±2.5 | PASS |
| Band4 | 1513 | 2 | NV | 40 | -0.96 | -0.000548 | ±2.5 | PASS |
| Band4 | 1513 | 2 | NV | 50 | -4.40 | -0.002511 | ±2.5 | PASS |
| Band4 | 1513 | 3 | NV | -30 | 0.29 | 0.000165 | ±2.5 | PASS |
| Band4 | 1513 | 3 | NV | -20 | -5.75 | -0.003281 | ±2.5 | PASS |
| Band4 | 1513 | 3 | NV | -10 | -1.93 | -0.001101 | ±2.5 | PASS |
| Band4 | 1513 | 3 | NV | 0 | -7.70 | -0.004393 | ±2.5 | PASS |
| Band4 | 1513 | 3 | NV | 10 | 0.37 | 0.000211 | ±2.5 | PASS |
| Band4 | 1513 | 3 | NV | 20 | -2.10 | -0.001198 | ±2.5 | PASS |
| Band4 | 1513 | 3 | NV | 30 | -1.57 | -0.000896 | ±2.5 | PASS |
| Band4 | 1513 | 3 | NV | 40 | -5.09 | -0.002904 | ±2.5 | PASS |
| Band4 | 1513 | 3 | NV | 50 | -3.63 | -0.002071 | ±2.5 | PASS |
| Band4 | 1513 | 4 | NV | -30 | 2.56 | 0.001461 | ±2.5 | PASS |
| Band4 | 1513 | 4 | NV | -20 | -2.42 | -0.001381 | ±2.5 | PASS |

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|---|---|---|---|---|---|---|---|---|
| Band4 | 1513 | 4 | NV | -10 | -4.71 | -0.002687 | ±2.5 | PASS |
| Band4 | 1513 | 4 | NV | 0 | -0.87 | -0.000496 | ±2.5 | PASS |
| Band4 | 1513 | 4 | NV | 10 | -0.67 | -0.000382 | ±2.5 | PASS |
| Band4 | 1513 | 4 | NV | 20 | -2.10 | -0.001198 | ±2.5 | PASS |
| Band4 | 1513 | 4 | NV | 30 | -1.07 | -0.000611 | ±2.5 | PASS |
| Band4 | 1513 | 4 | NV | 40 | -3.48 | -0.001986 | ±2.5 | PASS |
| Band4 | 1513 | 4 | NV | 50 | -0.15 | -0.000086 | ±2.5 | PASS |

| Voltage | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band | Channel | Sub Test | Voltage (Vdc) | Temperature (℃) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band4 | 1312 | 1 | VL | NT | -4.26 | -0.002488 | ±2.5 | PASS |
| Band4 | 1312 | 1 | VN | NT | -3.80 | -0.002219 | ±2.5 | PASS |
| Band4 | 1312 | 1 | VH | NT | -1.51 | -0.000882 | ±2.5 | PASS |
| Band4 | 1312 | 2 | VL | NT | -2.41 | -0.001407 | ±2.5 | PASS |
| Band4 | 1312 | 2 | VN | NT | -2.84 | -0.001658 | ±2.5 | PASS |
| Band4 | 1312 | 2 | VH | NT | -0.98 | -0.000572 | ±2.5 | PASS |
| Band4 | 1312 | 3 | VL | NT | -2.35 | -0.001372 | ±2.5 | PASS |
| Band4 | 1312 | 3 | VN | NT | -2.10 | -0.001226 | ±2.5 | PASS |
| Band4 | 1312 | 3 | VH | NT | -0.89 | -0.000520 | ±2.5 | PASS |
| Band4 | 1312 | 4 | VL | NT | -2.56 | -0.001495 | ±2.5 | PASS |
| Band4 | 1312 | 4 | VN | NT | -2.08 | -0.001215 | ±2.5 | PASS |
| Band4 | 1312 | 4 | VH | NT | -2.08 | -0.001215 | ±2.5 | PASS |
| Band4 | 1312 | 5 | VL | NT | -3.91 | -0.002283 | ±2.5 | PASS |
| Band4 | 1312 | 5 | VN | NT | -3.37 | -0.001968 | ±2.5 | PASS |
| Band4 | 1312 | 5 | VH | NT | -4.38 | -0.002558 | ±2.5 | PASS |
| Band4 | 1413 | 1 | VL | NT | -1.27 | -0.000733 | ±2.5 | PASS |
| Band4 | 1413 | 1 | VN | NT | -1.08 | -0.000623 | ±2.5 | PASS |
| Band4 | 1413 | 1 | VH | NT | -2.22 | -0.001281 | ±2.5 | PASS |
| Band4 | 1413 | 2 | VL | NT | -3.74 | -0.002159 | ±2.5 | PASS |
| Band4 | 1413 | 2 | VN | NT | -1.86 | -0.001074 | ±2.5 | PASS |
| Band4 | 1413 | 2 | VH | NT | -2.76 | -0.001593 | ±2.5 | PASS |
| Band4 | 1413 | 3 | VL | NT | -3.02 | -0.001743 | ±2.5 | PASS |
| Band4 | 1413 | 3 | VN | NT | -1.49 | -0.000860 | ±2.5 | PASS |
| Band4 | 1413 | 3 | VH | NT | 0.60 | 0.000346 | ±2.5 | PASS |
| Band4 | 1413 | 4 | VL | NT | -1.34 | -0.000773 | ±2.5 | PASS |
| Band4 | 1413 | 4 | VN | NT | -0.28 | -0.000162 | ±2.5 | PASS |
| Band4 | 1413 | 4 | VH | NT | -2.73 | -0.001576 | ±2.5 | PASS |
| Band4 | 1413 | 5 | VL | NT | -3.55 | -0.002049 | ±2.5 | PASS |
| Band4 | 1413 | 5 | VN | NT | -1.66 | -0.000958 | ±2.5 | PASS |
| Band4 | 1413 | 5 | VH | NT | -1.04 | -0.000600 | ±2.5 | PASS |
| Band4 | 1513 | 1 | VL | NT | -2.43 | -0.001387 | ±2.5 | PASS |
| Band4 | 1513 | 1 | VN | NT | -2.74 | -0.001563 | ±2.5 | PASS |
| Band4 | 1513 | 1 | VH | NT | -1.90 | -0.001084 | ±2.5 | PASS |

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|---|---|---|---|---|---|---|---|---|
| Band4 | 1513 | 2 | VL | NT | -1.59 | -0.000907 | ±2.5 | PASS |
| Band4 | 1513 | 2 | VN | NT | -1.39 | -0.000793 | ±2.5 | PASS |
| Band4 | 1513 | 2 | VH | NT | -0.31 | -0.000177 | ±2.5 | PASS |
| Band4 | 1513 | 3 | VL | NT | -2.27 | -0.001295 | ±2.5 | PASS |
| Band4 | 1513 | 3 | VN | NT | -1.80 | -0.001027 | ±2.5 | PASS |
| Band4 | 1513 | 3 | VH | NT | -3.89 | -0.002220 | ±2.5 | PASS |
| Band4 | 1513 | 4 | VL | NT | -2.66 | -0.001518 | ±2.5 | PASS |
| Band4 | 1513 | 4 | VN | NT | -3.05 | -0.001740 | ±2.5 | PASS |
| Band4 | 1513 | 4 | VH | NT | -2.25 | -0.001284 | ±2.5 | PASS |
| Band4 | 1513 | 5 | VL | NT | -1.57 | -0.000896 | ±2.5 | PASS |
| Band4 | 1513 | 5 | VN | NT | -1.46 | -0.000833 | ±2.5 | PASS |
| Band4 | 1513 | 5 | VH | NT | -1.32 | -0.000753 | ±2.5 | PASS |

| Temperature | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Band | Channel | Sub Test | Voltage (Vdc) | Temperature (℃) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band4 | 1312 | 1 | NV | -30 | -3.63 | -0.002120 | ±2.5 | PASS |
| Band4 | 1312 | 1 | NV | -20 | -1.39 | -0.000812 | ±2.5 | PASS |
| Band4 | 1312 | 1 | NV | -10 | -4.08 | -0.002383 | ±2.5 | PASS |
| Band4 | 1312 | 1 | NV | 0 | -2.46 | -0.001437 | ±2.5 | PASS |
| Band4 | 1312 | 1 | NV | 10 | -1.52 | -0.000888 | ±2.5 | PASS |
| Band4 | 1312 | 1 | NV | 20 | -4.26 | -0.002488 | ±2.5 | PASS |
| Band4 | 1312 | 1 | NV | 30 | -2.62 | -0.001530 | ±2.5 | PASS |
| Band4 | 1312 | 1 | NV | 40 | -2.58 | -0.001507 | ±2.5 | PASS |
| Band4 | 1312 | 1 | NV | 50 | 0.66 | 0.000385 | ±2.5 | PASS |
| Band4 | 1312 | 2 | NV | -30 | -1.45 | -0.000847 | ±2.5 | PASS |
| Band4 | 1312 | 2 | NV | -20 | -1.14 | -0.000666 | ±2.5 | PASS |
| Band4 | 1312 | 2 | NV | -10 | -0.44 | -0.000257 | ±2.5 | PASS |
| Band4 | 1312 | 2 | NV | 0 | -4.01 | -0.002342 | ±2.5 | PASS |
| Band4 | 1312 | 2 | NV | 10 | -0.96 | -0.000561 | ±2.5 | PASS |
| Band4 | 1312 | 2 | NV | 20 | -3.93 | -0.002295 | ±2.5 | PASS |
| Band4 | 1312 | 2 | NV | 30 | -1.41 | -0.000823 | ±2.5 | PASS |
| Band4 | 1312 | 2 | NV | 40 | -3.23 | -0.001886 | ±2.5 | PASS |
| Band4 | 1312 | 2 | NV | 50 | -2.41 | -0.001407 | ±2.5 | PASS |
| Band4 | 1312 | 3 | NV | -30 | -0.99 | -0.000578 | ±2.5 | PASS |
| Band4 | 1312 | 3 | NV | -20 | -2.11 | -0.001232 | ±2.5 | PASS |

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|---|---|---|---|---|---|---|---|---|
| Band4 | 1312 | 3 | NV | -10 | -2.16 | -0.001261 | ±2.5 | PASS |
| Band4 | 1312 | 3 | NV | 0 | -2.85 | -0.001664 | ±2.5 | PASS |
| Band4 | 1312 | 3 | NV | 10 | -1.72 | -0.001004 | ±2.5 | PASS |
| Band4 | 1312 | 3 | NV | 20 | -2.41 | -0.001407 | ±2.5 | PASS |
| Band4 | 1312 | 3 | NV | 30 | -3.59 | -0.002096 | ±2.5 | PASS |
| Band4 | 1312 | 3 | NV | 40 | -1.85 | -0.001080 | ±2.5 | PASS |
| Band4 | 1312 | 3 | NV | 50 | -1.77 | -0.001034 | ±2.5 | PASS |
| Band4 | 1312 | 4 | NV | -30 | -0.61 | -0.000356 | ±2.5 | PASS |
| Band4 | 1312 | 4 | NV | -20 | -1.54 | -0.000899 | ±2.5 | PASS |
| Band4 | 1312 | 4 | NV | -10 | -1.78 | -0.001039 | ±2.5 | PASS |
| Band4 | 1312 | 4 | NV | 0 | -2.96 | -0.001729 | ±2.5 | PASS |
| Band4 | 1312 | 4 | NV | 10 | -2.55 | -0.001489 | ±2.5 | PASS |
| Band4 | 1312 | 4 | NV | 20 | -1.82 | -0.001063 | ±2.5 | PASS |
| Band4 | 1312 | 4 | NV | 30 | -1.77 | -0.001034 | ±2.5 | PASS |
| Band4 | 1312 | 4 | NV | 40 | -3.76 | -0.002196 | ±2.5 | PASS |
| Band4 | 1312 | 4 | NV | 50 | -3.18 | -0.001857 | ±2.5 | PASS |
| Band4 | 1312 | 5 | NV | -30 | -2.93 | -0.001711 | ±2.5 | PASS |
| Band4 | 1312 | 5 | NV | -20 | -3.04 | -0.001775 | ±2.5 | PASS |
| Band4 | 1312 | 5 | NV | -10 | -2.04 | -0.001191 | ±2.5 | PASS |
| Band4 | 1312 | 5 | NV | 0 | -1.99 | -0.001162 | ±2.5 | PASS |
| Band4 | 1312 | 5 | NV | 10 | -2.05 | -0.001197 | ±2.5 | PASS |
| Band4 | 1312 | 5 | NV | 20 | -1.09 | -0.000637 | ±2.5 | PASS |
| Band4 | 1312 | 5 | NV | 30 | -1.82 | -0.001063 | ±2.5 | PASS |
| Band4 | 1312 | 5 | NV | 40 | -0.45 | -0.000263 | ±2.5 | PASS |
| Band4 | 1312 | 5 | NV | 50 | -0.13 | -0.000076 | ±2.5 | PASS |
| Band4 | 1413 | 1 | NV | -30 | -1.90 | -0.001097 | ±2.5 | PASS |
| Band4 | 1413 | 1 | NV | -20 | -1.61 | -0.000929 | ±2.5 | PASS |
| Band4 | 1413 | 1 | NV | -10 | -1.17 | -0.000675 | ±2.5 | PASS |
| Band4 | 1413 | 1 | NV | 0 | -1.64 | -0.000947 | ±2.5 | PASS |
| Band4 | 1413 | 1 | NV | 10 | -1.70 | -0.000981 | ±2.5 | PASS |
| Band4 | 1413 | 1 | NV | 20 | -0.11 | -0.000063 | ±2.5 | PASS |
| Band4 | 1413 | 1 | NV | 30 | -4.42 | -0.002551 | ±2.5 | PASS |
| Band4 | 1413 | 1 | NV | 40 | -1.84 | -0.001062 | ±2.5 | PASS |
| Band4 | 1413 | 1 | NV | 50 | -2.48 | -0.001431 | ±2.5 | PASS |
| Band4 | 1413 | 2 | NV | -30 | -1.72 | -0.000993 | ±2.5 | PASS |
| Band4 | 1413 | 2 | NV | -20 | -1.87 | -0.001079 | ±2.5 | PASS |

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|---|---|---|---|---|---|---|---|---|
| Band4 | 1413 | 2 | NV | -10 | -1.77 | -0.001022 | ±2.5 | PASS |
| Band4 | 1413 | 2 | NV | 0 | -0.72 | -0.000416 | ±2.5 | PASS |
| Band4 | 1413 | 2 | NV | 10 | -3.70 | -0.002136 | ±2.5 | PASS |
| Band4 | 1413 | 2 | NV | 20 | -0.33 | -0.000190 | ±2.5 | PASS |
| Band4 | 1413 | 2 | NV | 30 | -2.62 | -0.001512 | ±2.5 | PASS |
| Band4 | 1413 | 2 | NV | 40 | -1.02 | -0.000589 | ±2.5 | PASS |
| Band4 | 1413 | 2 | NV | 50 | -3.17 | -0.001830 | ±2.5 | PASS |
| Band4 | 1413 | 3 | NV | -30 | -2.00 | -0.001154 | ±2.5 | PASS |
| Band4 | 1413 | 3 | NV | -20 | 0.64 | 0.000369 | ±2.5 | PASS |
| Band4 | 1413 | 3 | NV | -10 | -2.02 | -0.001166 | ±2.5 | PASS |
| Band4 | 1413 | 3 | NV | 0 | -1.49 | -0.000860 | ±2.5 | PASS |
| Band4 | 1413 | 3 | NV | 10 | -1.27 | -0.000733 | ±2.5 | PASS |
| Band4 | 1413 | 3 | NV | 20 | -2.93 | -0.001691 | ±2.5 | PASS |
| Band4 | 1413 | 3 | NV | 30 | -3.50 | -0.002020 | ±2.5 | PASS |
| Band4 | 1413 | 3 | NV | 40 | -1.92 | -0.001108 | ±2.5 | PASS |
| Band4 | 1413 | 3 | NV | 50 | -2.13 | -0.001229 | ±2.5 | PASS |
| Band4 | 1413 | 4 | NV | -30 | -2.87 | -0.001656 | ±2.5 | PASS |
| Band4 | 1413 | 4 | NV | -20 | -4.38 | -0.002528 | ±2.5 | PASS |
| Band4 | 1413 | 4 | NV | -10 | -2.56 | -0.001478 | ±2.5 | PASS |
| Band4 | 1413 | 4 | NV | 0 | -1.85 | -0.001068 | ±2.5 | PASS |
| Band4 | 1413 | 4 | NV | 10 | -2.60 | -0.001501 | ±2.5 | PASS |
| Band4 | 1413 | 4 | NV | 20 | -2.40 | -0.001385 | ±2.5 | PASS |
| Band4 | 1413 | 4 | NV | 30 | -2.95 | -0.001703 | ±2.5 | PASS |
| Band4 | 1413 | 4 | NV | 40 | -2.85 | -0.001645 | ±2.5 | PASS |
| Band4 | 1413 | 4 | NV | 50 | -2.94 | -0.001697 | ±2.5 | PASS |
| Band4 | 1413 | 5 | NV | -30 | -1.22 | -0.000704 | ±2.5 | PASS |
| Band4 | 1413 | 5 | NV | -20 | -2.45 | -0.001414 | ±2.5 | PASS |
| Band4 | 1413 | 5 | NV | -10 | -2.57 | -0.001483 | ±2.5 | PASS |
| Band4 | 1413 | 5 | NV | 0 | -1.70 | -0.000981 | ±2.5 | PASS |
| Band4 | 1413 | 5 | NV | 10 | -2.86 | -0.001651 | ±2.5 | PASS |
| Band4 | 1413 | 5 | NV | 20 | -2.88 | -0.001662 | ±2.5 | PASS |
| Band4 | 1413 | 5 | NV | 30 | -1.74 | -0.001004 | ±2.5 | PASS |
| Band4 | 1413 | 5 | NV | 40 | -0.32 | -0.000185 | ±2.5 | PASS |
| Band4 | 1413 | 5 | NV | 50 | -1.35 | -0.000779 | ±2.5 | PASS |
| Band4 | 1513 | 1 | NV | -30 | -1.16 | -0.000662 | ±2.5 | PASS |
| Band4 | 1513 | 1 | NV | -20 | -1.49 | -0.000850 | ±2.5 | PASS |

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|---|---|---|---|---|---|---|---|---|
| Band4 | 1513 | 1 | NV | -10 | -1.97 | -0.001124 | ±2.5 | PASS |
| Band4 | 1513 | 1 | NV | 0 | -0.44 | -0.000251 | ±2.5 | PASS |
| Band4 | 1513 | 1 | NV | 10 | -1.35 | -0.000770 | ±2.5 | PASS |
| Band4 | 1513 | 1 | NV | 20 | -0.73 | -0.000417 | ±2.5 | PASS |
| Band4 | 1513 | 1 | NV | 30 | -3.23 | -0.001843 | ±2.5 | PASS |
| Band4 | 1513 | 1 | NV | 40 | -1.17 | -0.000668 | ±2.5 | PASS |
| Band4 | 1513 | 1 | NV | 50 | -2.44 | -0.001392 | ±2.5 | PASS |
| Band4 | 1513 | 2 | NV | -30 | -2.43 | -0.001387 | ±2.5 | PASS |
| Band4 | 1513 | 2 | NV | -20 | -1.32 | -0.000753 | ±2.5 | PASS |
| Band4 | 1513 | 2 | NV | -10 | -1.05 | -0.000599 | ±2.5 | PASS |
| Band4 | 1513 | 2 | NV | 0 | -2.94 | -0.001678 | ±2.5 | PASS |
| Band4 | 1513 | 2 | NV | 10 | -1.18 | -0.000673 | ±2.5 | PASS |
| Band4 | 1513 | 2 | NV | 20 | -2.78 | -0.001586 | ±2.5 | PASS |
| Band4 | 1513 | 2 | NV | 30 | -1.01 | -0.000576 | ±2.5 | PASS |
| Band4 | 1513 | 2 | NV | 40 | -1.39 | -0.000793 | ±2.5 | PASS |
| Band4 | 1513 | 2 | NV | 50 | -1.73 | -0.000987 | ±2.5 | PASS |
| Band4 | 1513 | 3 | NV | -30 | -1.87 | -0.001067 | ±2.5 | PASS |
| Band4 | 1513 | 3 | NV | -20 | -2.24 | -0.001278 | ±2.5 | PASS |
| Band4 | 1513 | 3 | NV | -10 | -2.59 | -0.001478 | ±2.5 | PASS |
| Band4 | 1513 | 3 | NV | 0 | -1.17 | -0.000668 | ±2.5 | PASS |
| Band4 | 1513 | 3 | NV | 10 | -1.60 | -0.000913 | ±2.5 | PASS |
| Band4 | 1513 | 3 | NV | 20 | -2.22 | -0.001267 | ±2.5 | PASS |
| Band4 | 1513 | 3 | NV | 30 | -0.92 | -0.000525 | ±2.5 | PASS |
| Band4 | 1513 | 3 | NV | 40 | -3.00 | -0.001712 | ±2.5 | PASS |
| Band4 | 1513 | 3 | NV | 50 | -1.28 | -0.000730 | ±2.5 | PASS |
| Band4 | 1513 | 4 | NV | -30 | -2.52 | -0.001438 | ±2.5 | PASS |
| Band4 | 1513 | 4 | NV | -20 | -2.25 | -0.001284 | ±2.5 | PASS |
| Band4 | 1513 | 4 | NV | -10 | -2.40 | -0.001369 | ±2.5 | PASS |
| Band4 | 1513 | 4 | NV | 0 | -1.07 | -0.000611 | ±2.5 | PASS |
| Band4 | 1513 | 4 | NV | 10 | -2.83 | -0.001615 | ±2.5 | PASS |
| Band4 | 1513 | 4 | NV | 20 | -1.12 | -0.000639 | ±2.5 | PASS |
| Band4 | 1513 | 4 | NV | 30 | -2.30 | -0.001312 | ±2.5 | PASS |
| Band4 | 1513 | 4 | NV | 40 | -2.91 | -0.001660 | ±2.5 | PASS |
| Band4 | 1513 | 4 | NV | 50 | -0.84 | -0.000479 | ±2.5 | PASS |
| Band4 | 1513 | 5 | NV | -30 | -2.77 | -0.001581 | ±2.5 | PASS |
| Band4 | 1513 | 5 | NV | -20 | -2.68 | -0.001529 | ±2.5 | PASS |

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|---|---|---|---|---|---|---|---|---|
| Band4 | 1513 | 5 | NV | -10 | -1.68 | -0.000959 | ±2.5 | PASS |
| Band4 | 1513 | 5 | NV | 0 | -2.27 | -0.001295 | ±2.5 | PASS |
| Band4 | 1513 | 5 | NV | 10 | 0.03 | 0.000017 | ±2.5 | PASS |
| Band4 | 1513 | 5 | NV | 20 | -0.67 | -0.000382 | ±2.5 | PASS |
| Band4 | 1513 | 5 | NV | 30 | -3.04 | -0.001735 | ±2.5 | PASS |
| Band4 | 1513 | 5 | NV | 40 | -1.17 | -0.000668 | ±2.5 | PASS |
| Band4 | 1513 | 5 | NV | 50 | -2.15 | -0.001227 | ±2.5 | PASS |