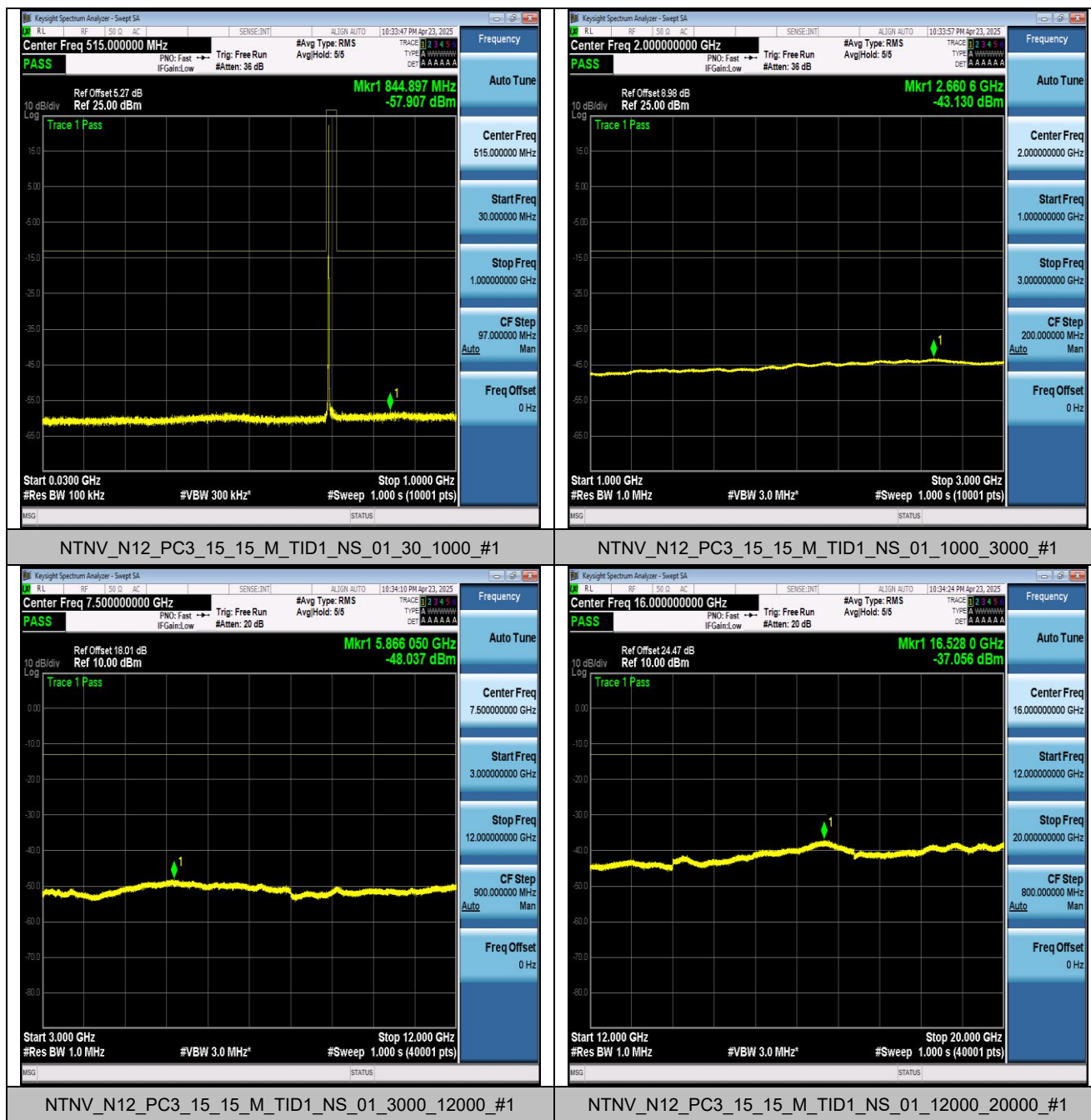




## Frequency Stability for SA

### Test Result

#### Frequency Error VS. Voltage

| Voltage |     |           |             |         |            |         |      |                |                 |         |
|---------|-----|-----------|-------------|---------|------------|---------|------|----------------|-----------------|---------|
| Band    | SCS | Bandwidth | Modulation  | Channel | RB Config  | Voltage | Temp | Deviation (Hz) | Deviation (ppm) | Verdict |
| N12     | 15  | 15        | DFT-PI2BPSK | M       | Outer_Full | VL      | NT   | -2.60          | 0.00            | PASS    |
| N12     | 15  | 15        | DFT-PI2BPSK | M       | Outer_Full | VN      | NT   | -3.07          | 0.00            | PASS    |
| N12     | 15  | 15        | DFT-PI2BPSK | M       | Outer_Full | VH      | NT   | -3.72          | -0.01           | PASS    |
| N12     | 15  | 15        | CP-QPSK     | M       | Outer_Full | VL      | NT   | -0.23          | 0.00            | PASS    |
| N12     | 15  | 15        | CP-QPSK     | M       | Outer_Full | VN      | NT   | -0.49          | 0.00            | PASS    |
| N12     | 15  | 15        | CP-QPSK     | M       | Outer_Full | VH      | NT   | 0.83           | 0.00            | PASS    |

#### Frequency Error VS. Temperature

| Temperature |     |           |             |         |            |         |      |                |                 |         |
|-------------|-----|-----------|-------------|---------|------------|---------|------|----------------|-----------------|---------|
| Band        | SCS | Bandwidth | Modulation  | Channel | RB Config  | Voltage | Temp | Deviation (Hz) | Deviation (ppm) | Verdict |
| N12         | 15  | 15        | DFT-PI2BPSK | M       | Outer_Full | NV      | -30  | -4.452000      | -0.006293       | PASS    |
| N12         | 15  | 15        | DFT-PI2BPSK | M       | Outer_Full | NV      | -20  | -4.485000      | -0.006339       | PASS    |
| N12         | 15  | 15        | DFT-PI2BPSK | M       | Outer_Full | NV      | -10  | -3.845000      | -0.005435       | PASS    |
| N12         | 15  | 15        | DFT-PI2BPSK | M       | Outer_Full | NV      | 0    | -2.840000      | -0.004014       | PASS    |
| N12         | 15  | 15        | DFT-PI2BPSK | M       | Outer_Full | NV      | 10   | -3.814000      | -0.005391       | PASS    |
| N12         | 15  | 15        | DFT-PI2BPSK | M       | Outer_Full | NV      | 20   | -4.370000      | -0.006177       | PASS    |
| N12         | 15  | 15        | DFT-PI2BPSK | M       | Outer_Full | NV      | 30   | -4.308000      | -0.006089       | PASS    |
| N12         | 15  | 15        | DFT-PI2BPSK | M       | Outer_Full | NV      | 40   | -3.210000      | -0.004537       | PASS    |
| N12         | 15  | 15        | DFT-PI2BPSK | M       | Outer_Full | NV      | 50   | -3.461000      | -0.004892       | PASS    |
| N12         | 15  | 15        | CP-QPSK     | M       | Outer_Full | NV      | -30  | -0.751000      | -0.001061       | PASS    |
| N12         | 15  | 15        | CP-QPSK     | M       | Outer_Full | NV      | -20  | -0.607000      | -0.000858       | PASS    |
| N12         | 15  | 15        | CP-QPSK     | M       | Outer_Full | NV      | -10  | 0.430000       | 0.000608        | PASS    |
| N12         | 15  | 15        | CP-QPSK     | M       | Outer_Full | NV      | 0    | 0.003000       | 0.000004        | PASS    |
| N12         | 15  | 15        | CP-QPSK     | M       | Outer_Full | NV      | 10   | -0.016000      | -0.000023       | PASS    |
| N12         | 15  | 15        | CP-QPSK     | M       | Outer_Full | NV      | 20   | 0.022000       | 0.000031        | PASS    |
| N12         | 15  | 15        | CP-QPSK     | M       | Outer_Full | NV      | 30   | -0.310000      | -0.000438       | PASS    |
| N12         | 15  | 15        | CP-QPSK     | M       | Outer_Full | NV      | 40   | -0.665000      | -0.000940       | PASS    |
| N12         | 15  | 15        | CP-QPSK     | M       | Outer_Full | NV      | 50   | -0.118000      | -0.000167       | PASS    |

~The End~