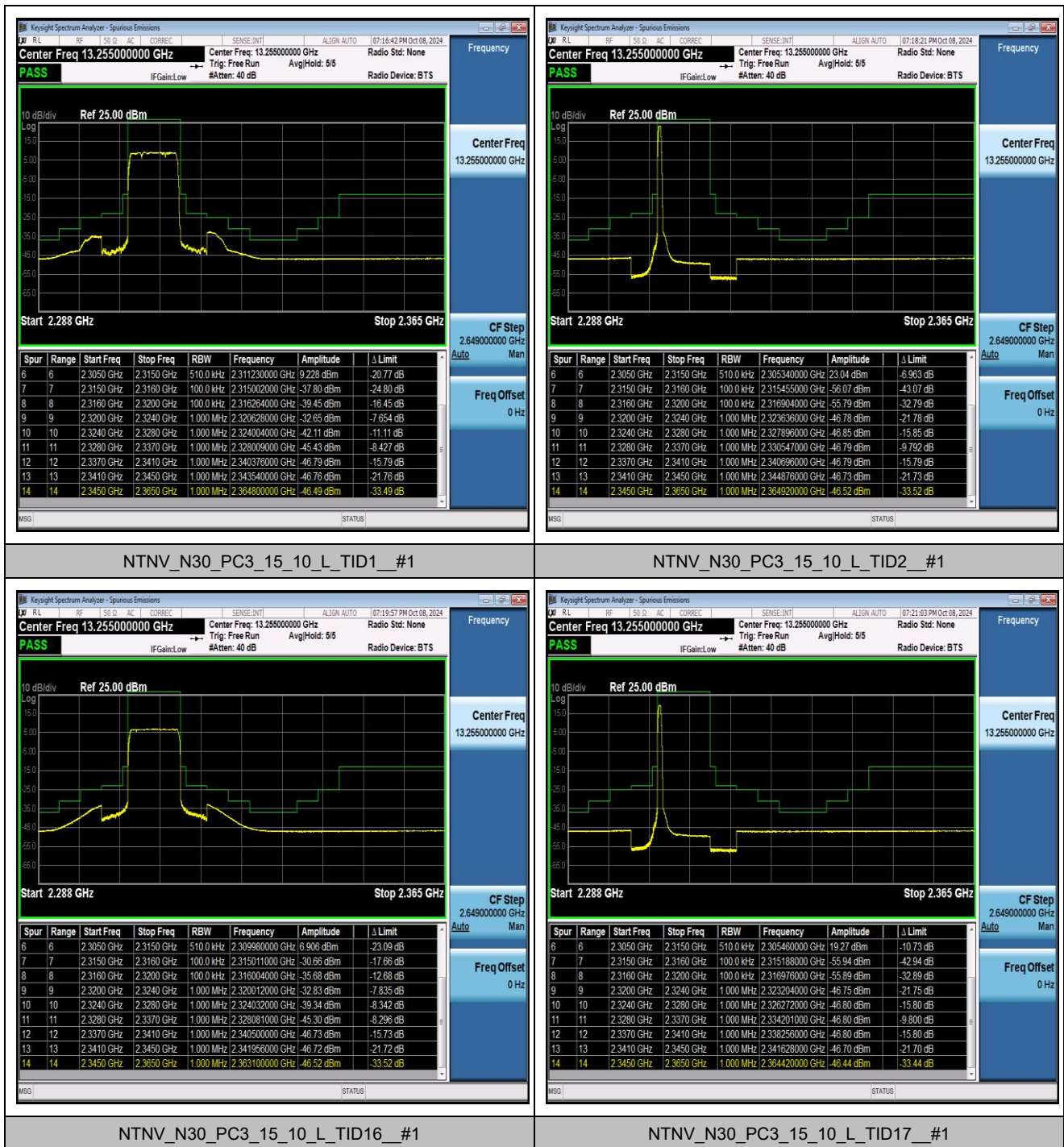
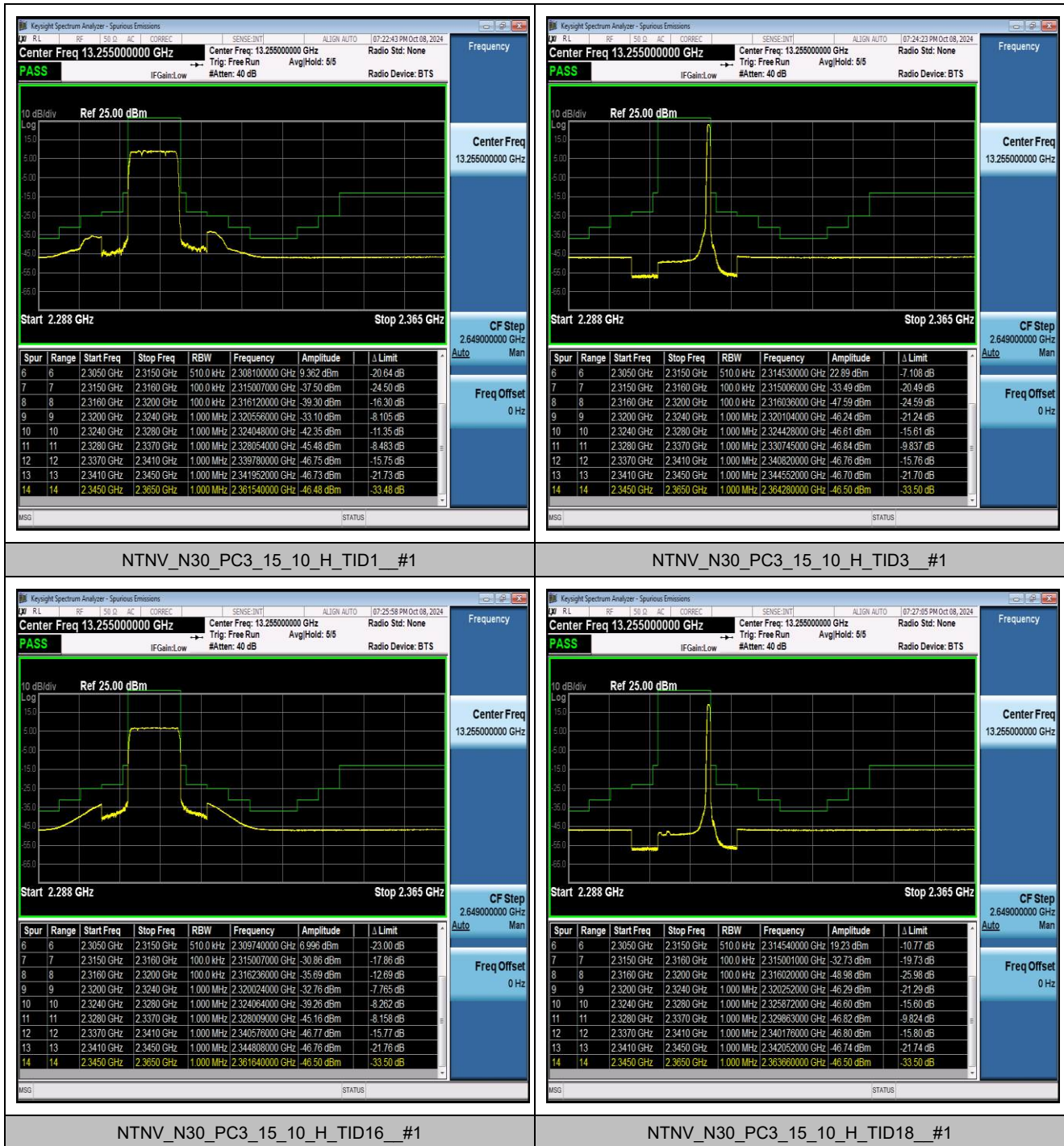
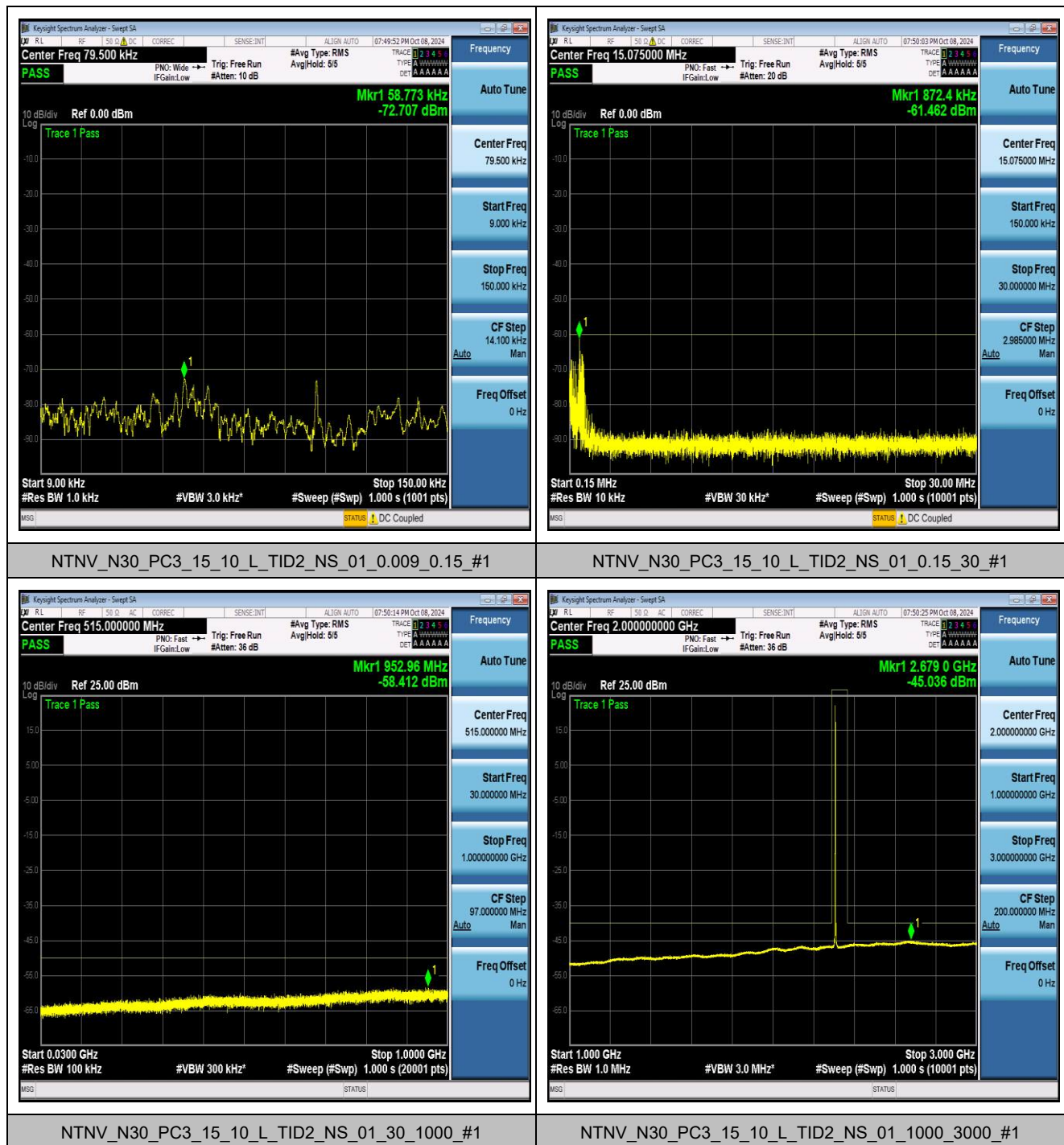


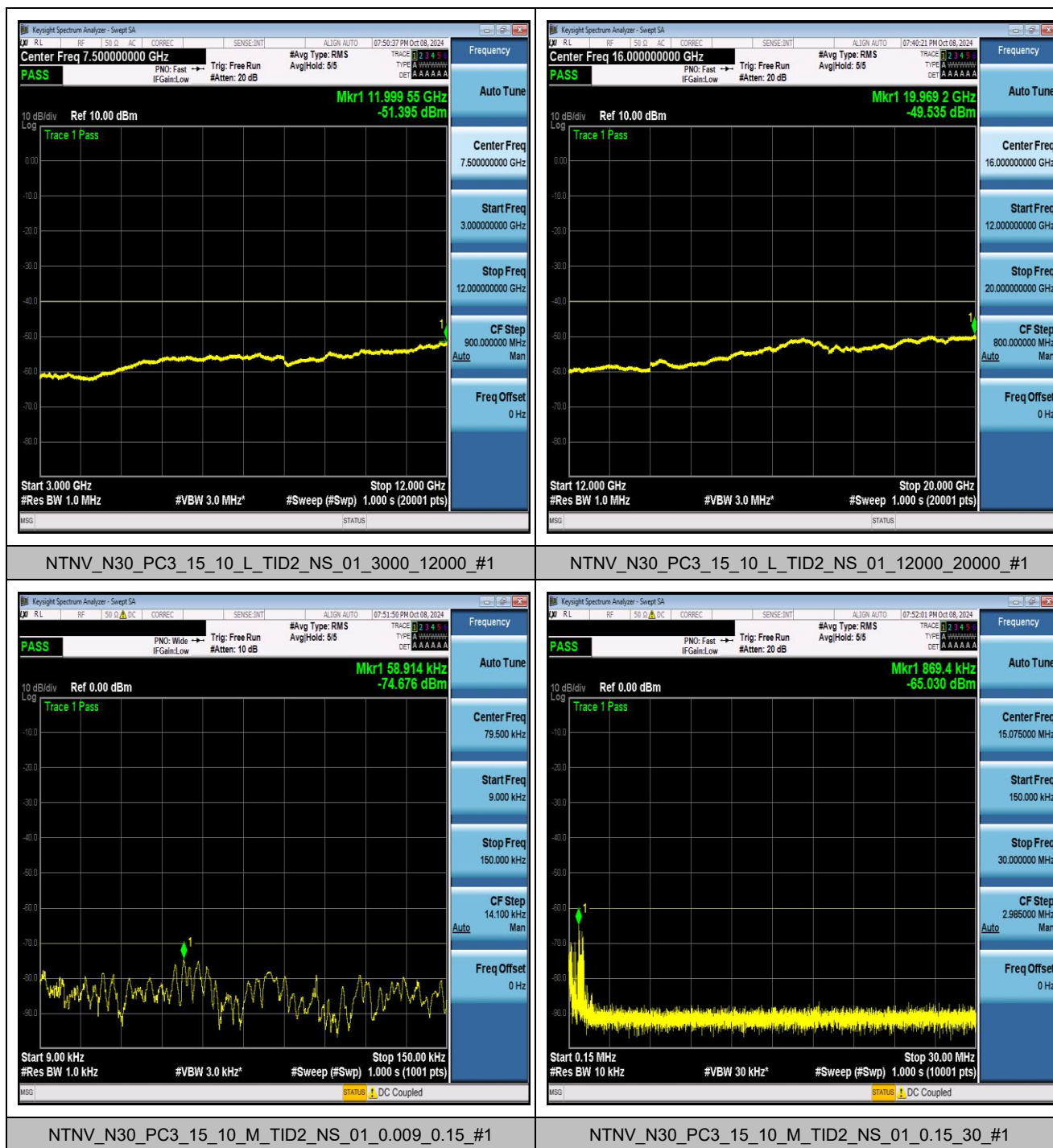


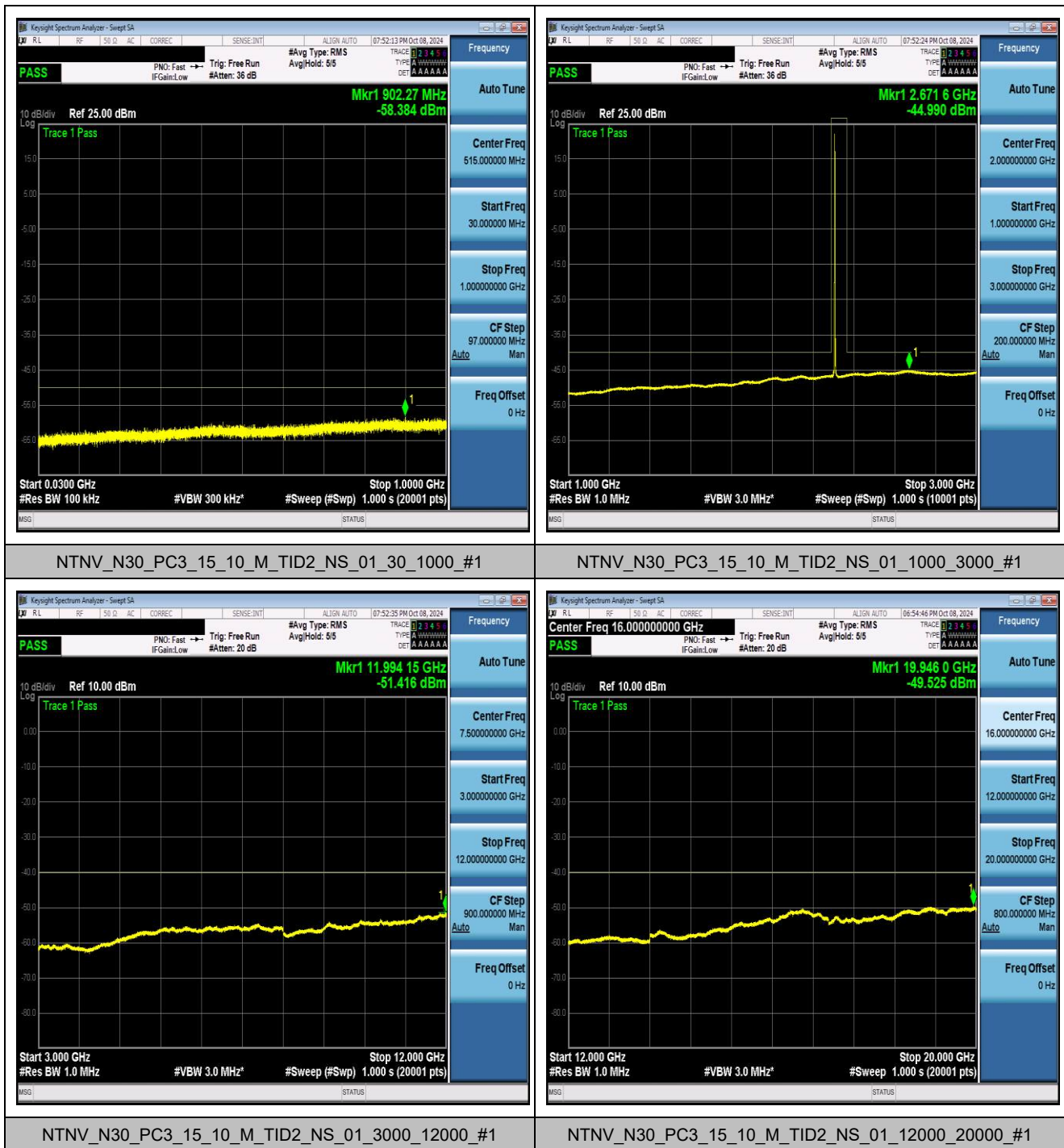


## Conducted Spurious Emission for SA

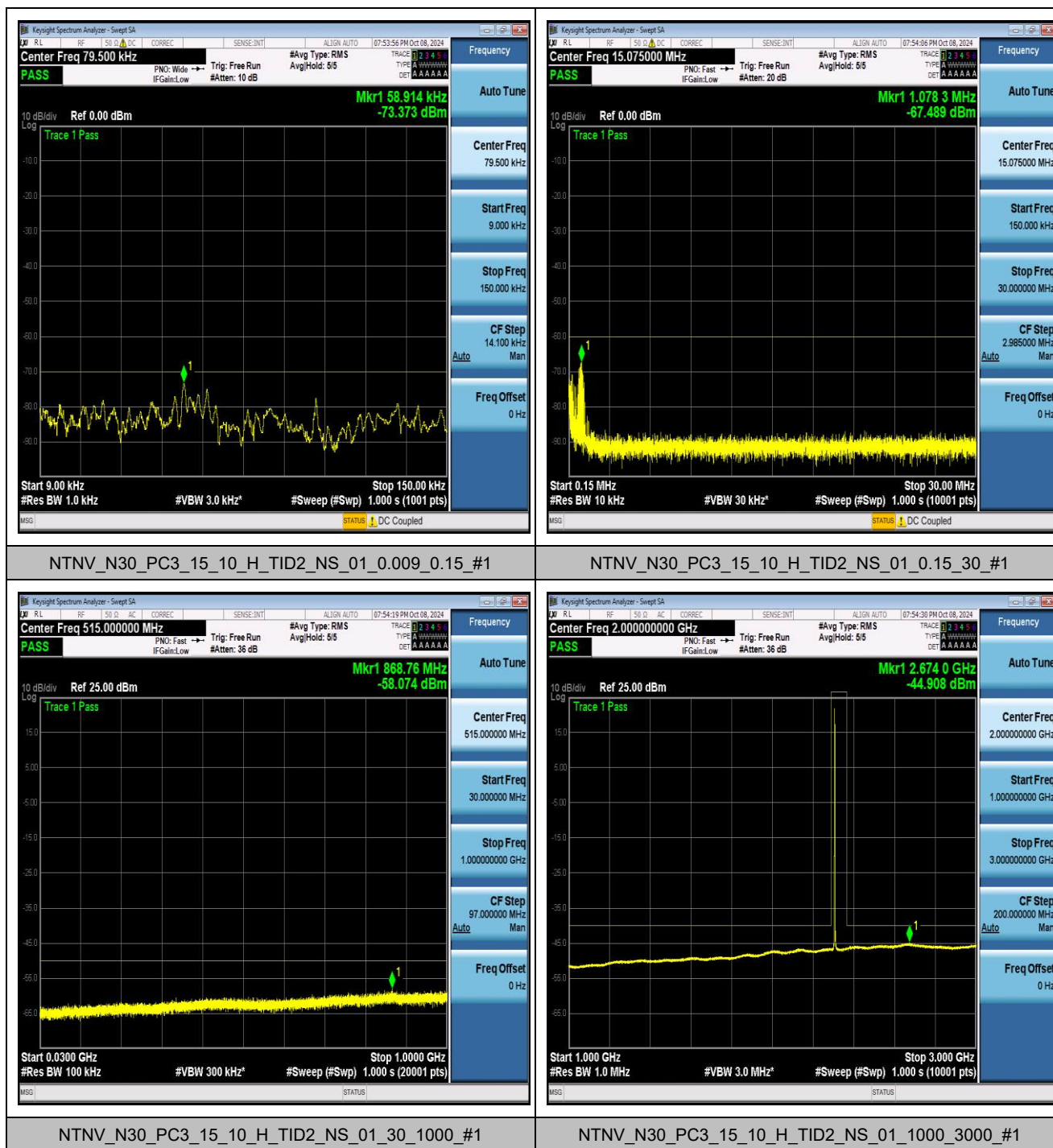
## Test Graphs

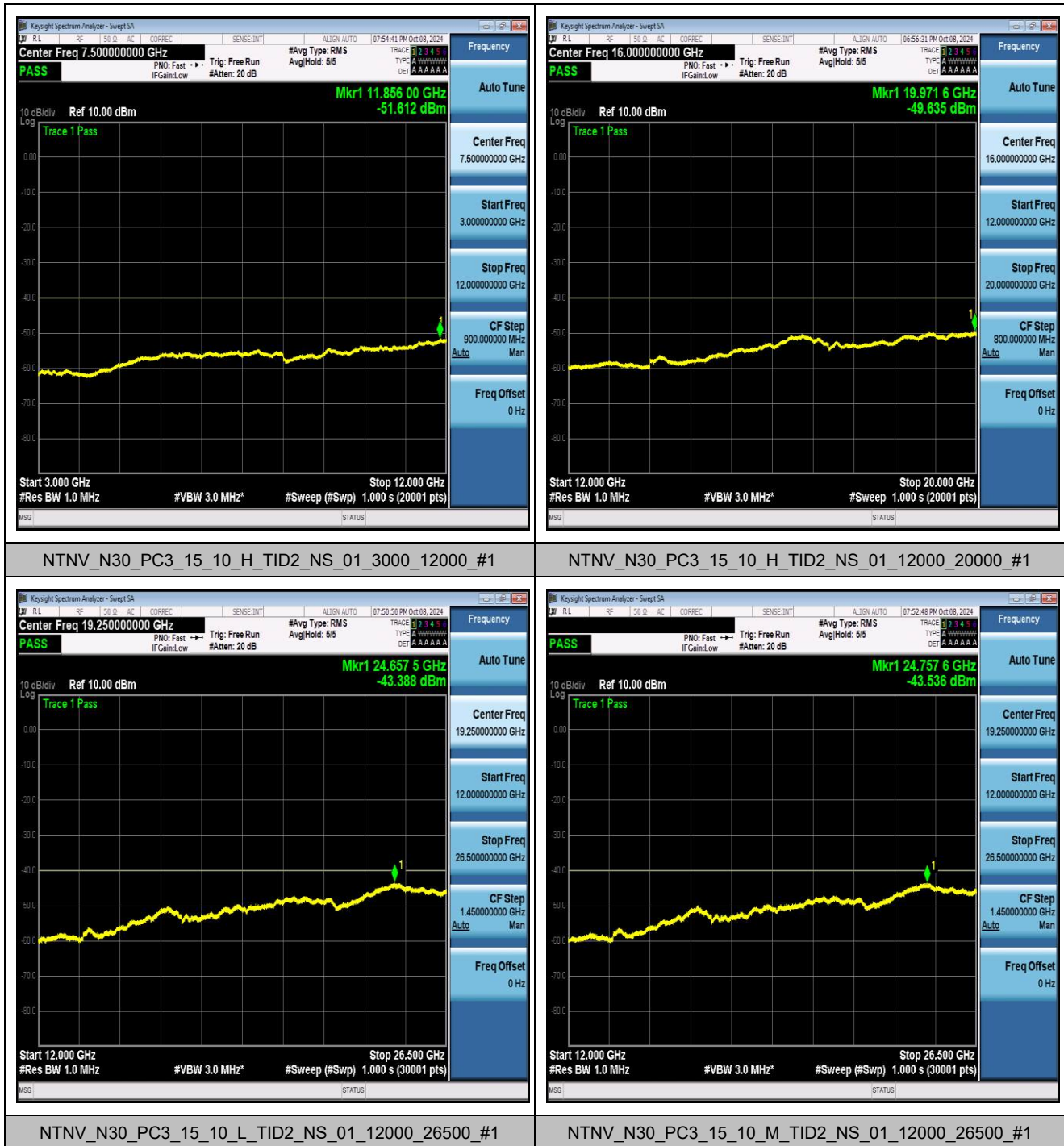














NTNV\_N30\_PC3\_15\_10\_H\_TID2\_NS\_01\_12000\_26500\_#1



## 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 |
| N30     | 15  | 10        | DFT-PI2BPSK | M       | Outer_Full | VL      | NT   | -7.900000      | -0.003420       | PASS    |
| N30     | 15  | 10        | DFT-PI2BPSK | M       | Outer_Full | VN      | NT   | -6.300000      | -0.002727       | PASS    |
| N30     | 15  | 10        | DFT-PI2BPSK | M       | Outer_Full | VH      | NT   | -5.500000      | -0.002381       | PASS    |
| N30     | 15  | 10        | CP-QPSK     | M       | Outer_Full | VL      | NT   | -8.700000      | -0.003766       | PASS    |
| N30     | 15  | 10        | CP-QPSK     | M       | Outer_Full | VN      | NT   | -6.700000      | -0.002900       | PASS    |
| N30     | 15  | 10        | CP-QPSK     | M       | Outer_Full | VH      | NT   | -6.200000      | -0.002684       | PASS    |

#### Frequency Error VS. Temperature

| Temperature |     |           |             |         |            |         |      |                |                 |         |
|-------------|-----|-----------|-------------|---------|------------|---------|------|----------------|-----------------|---------|
| Band        | SCS | Bandwidth | Modulation  | Channel | RB Config  | Voltage | Temp | Deviation (Hz) | Deviation (ppm) | Verdict |
| N30         | 15  | 10        | DFT-PI2BPSK | M       | Outer_Full | NV      | -30  | -7.000000      | -0.003030       | PASS    |
| N30         | 15  | 10        | DFT-PI2BPSK | M       | Outer_Full | NV      | -20  | -5.600000      | -0.002424       | PASS    |
| N30         | 15  | 10        | DFT-PI2BPSK | M       | Outer_Full | NV      | -10  | -4.800000      | -0.002078       | PASS    |
| N30         | 15  | 10        | DFT-PI2BPSK | M       | Outer_Full | NV      | 0    | 0.800000       | 0.000346        | PASS    |
| N30         | 15  | 10        | DFT-PI2BPSK | M       | Outer_Full | NV      | 10   | -5.700000      | -0.002468       | PASS    |
| N30         | 15  | 10        | DFT-PI2BPSK | M       | Outer_Full | NV      | 20   | -1.900000      | -0.000823       | PASS    |
| N30         | 15  | 10        | DFT-PI2BPSK | M       | Outer_Full | NV      | 30   | -8.900000      | -0.003853       | PASS    |
| N30         | 15  | 10        | DFT-PI2BPSK | M       | Outer_Full | NV      | 40   | -7.100000      | -0.003074       | PASS    |
| N30         | 15  | 10        | DFT-PI2BPSK | M       | Outer_Full | NV      | 50   | -6.400000      | -0.002771       | PASS    |
| N30         | 15  | 10        | CP-QPSK     | M       | Outer_Full | NV      | -30  | -2.900000      | -0.001255       | PASS    |
| N30         | 15  | 10        | CP-QPSK     | M       | Outer_Full | NV      | -20  | -7.600000      | -0.003290       | PASS    |
| N30         | 15  | 10        | CP-QPSK     | M       | Outer_Full | NV      | -10  | -7.600000      | -0.003290       | PASS    |
| N30         | 15  | 10        | CP-QPSK     | M       | Outer_Full | NV      | 0    | -9.800000      | -0.004242       | PASS    |
| N30         | 15  | 10        | CP-QPSK     | M       | Outer_Full | NV      | 10   | -6.700000      | -0.002900       | PASS    |
| N30         | 15  | 10        | CP-QPSK     | M       | Outer_Full | NV      | 20   | -10.200000     | -0.004416       | PASS    |
| N30         | 15  | 10        | CP-QPSK     | M       | Outer_Full | NV      | 30   | -3.600000      | -0.001558       | PASS    |
| N30         | 15  | 10        | CP-QPSK     | M       | Outer_Full | NV      | 40   | -2.400000      | -0.001039       | PASS    |
| N30         | 15  | 10        | CP-QPSK     | M       | Outer_Full | NV      | 50   | -4.400000      | -0.001905       | PASS    |

~The End~