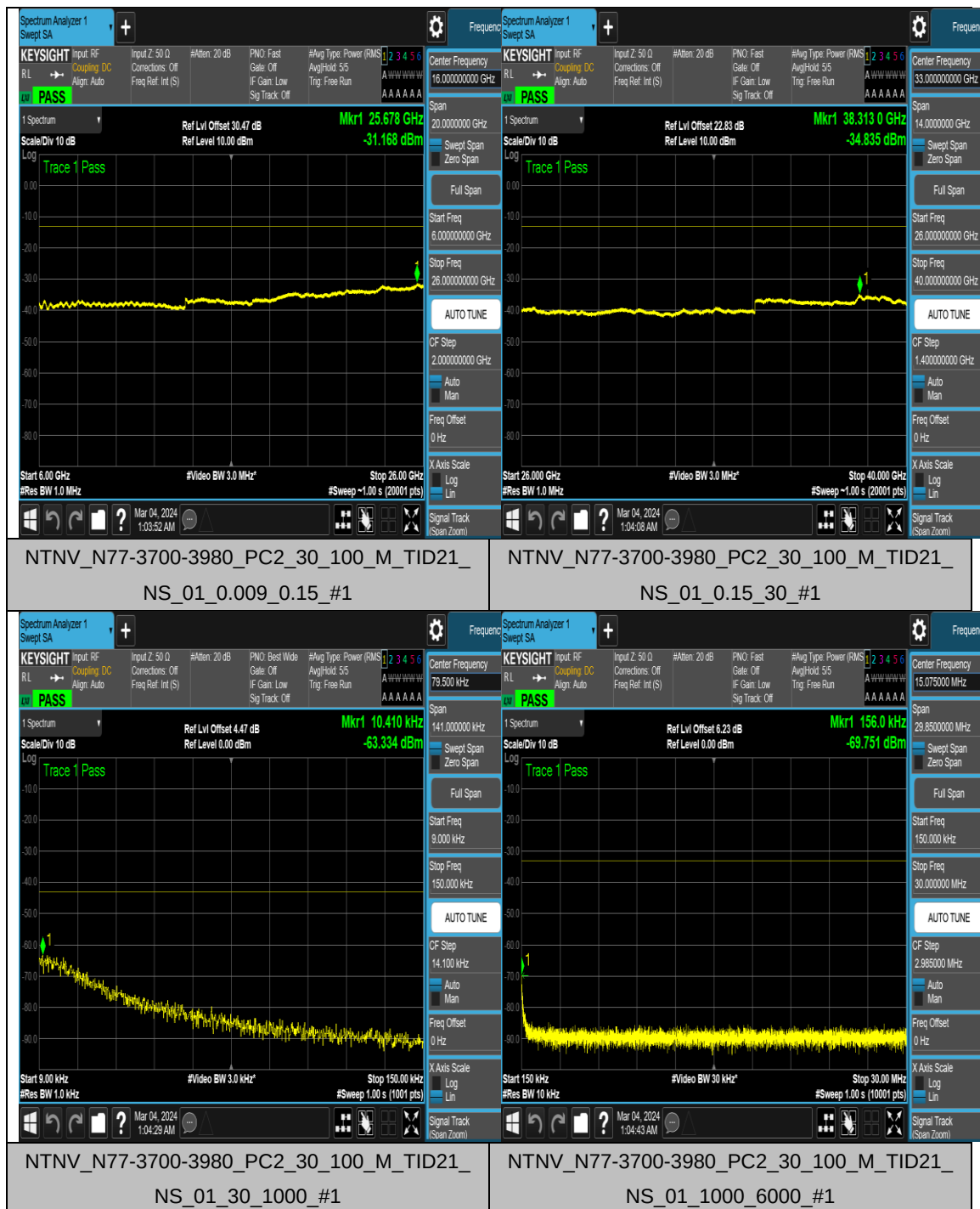
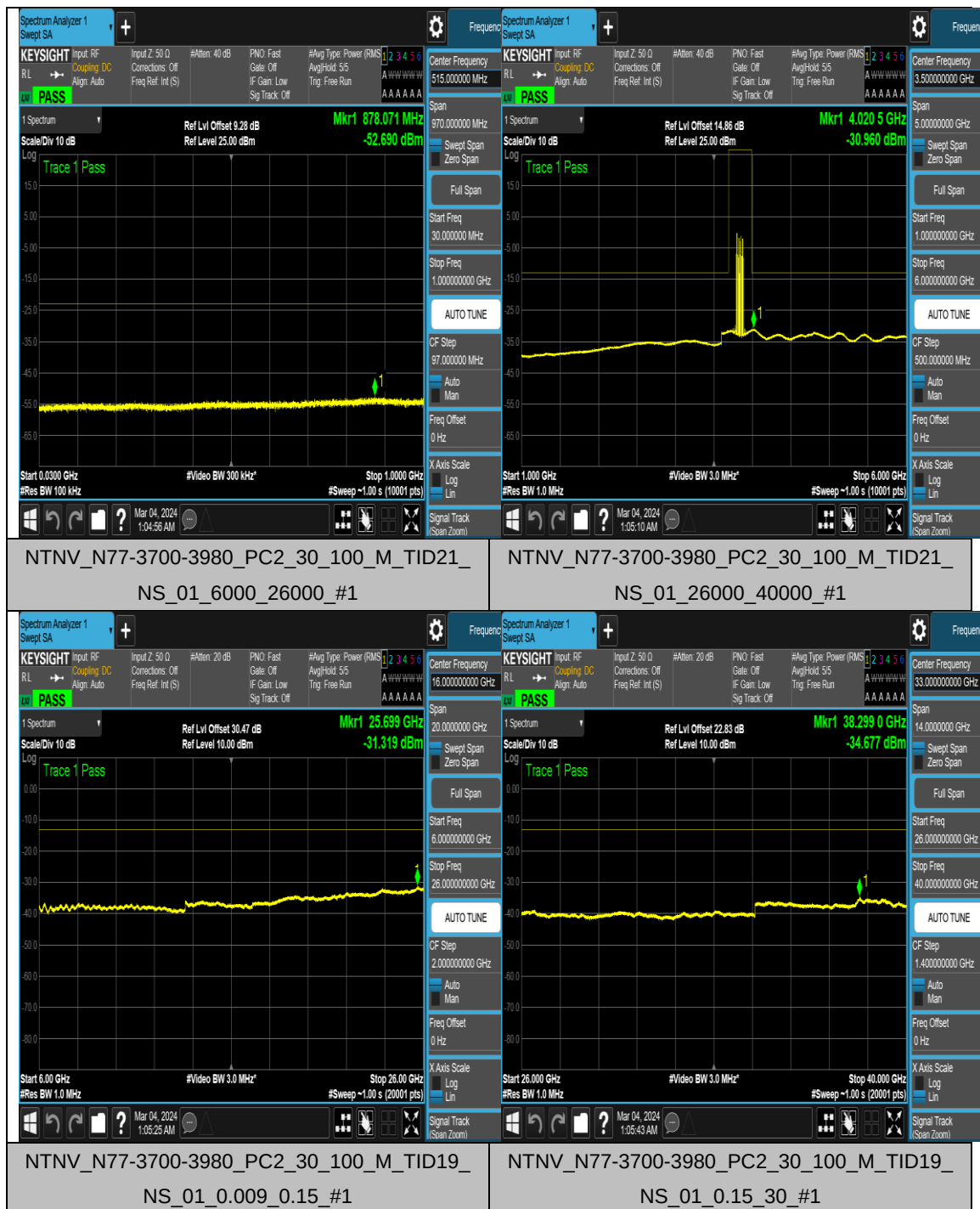
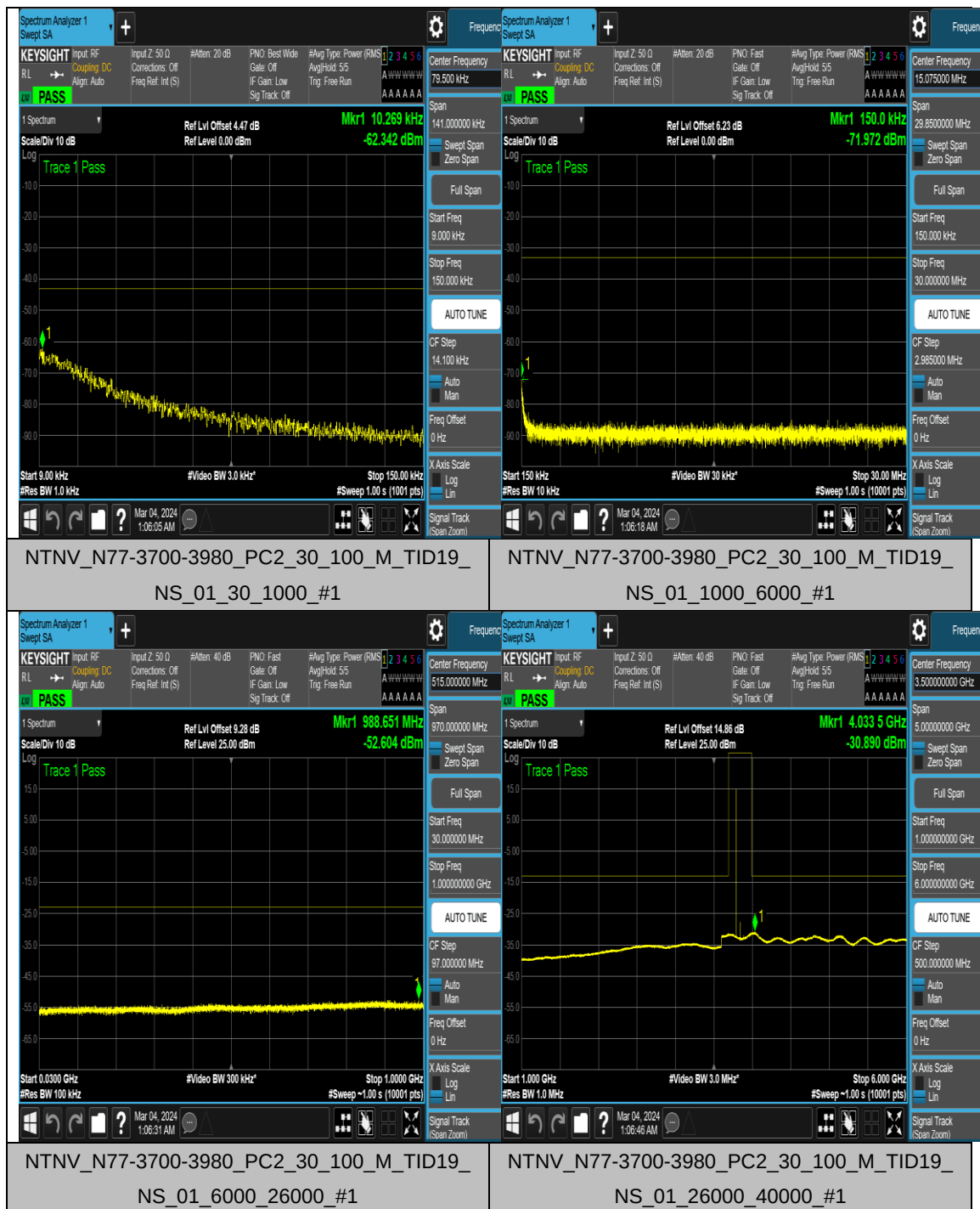
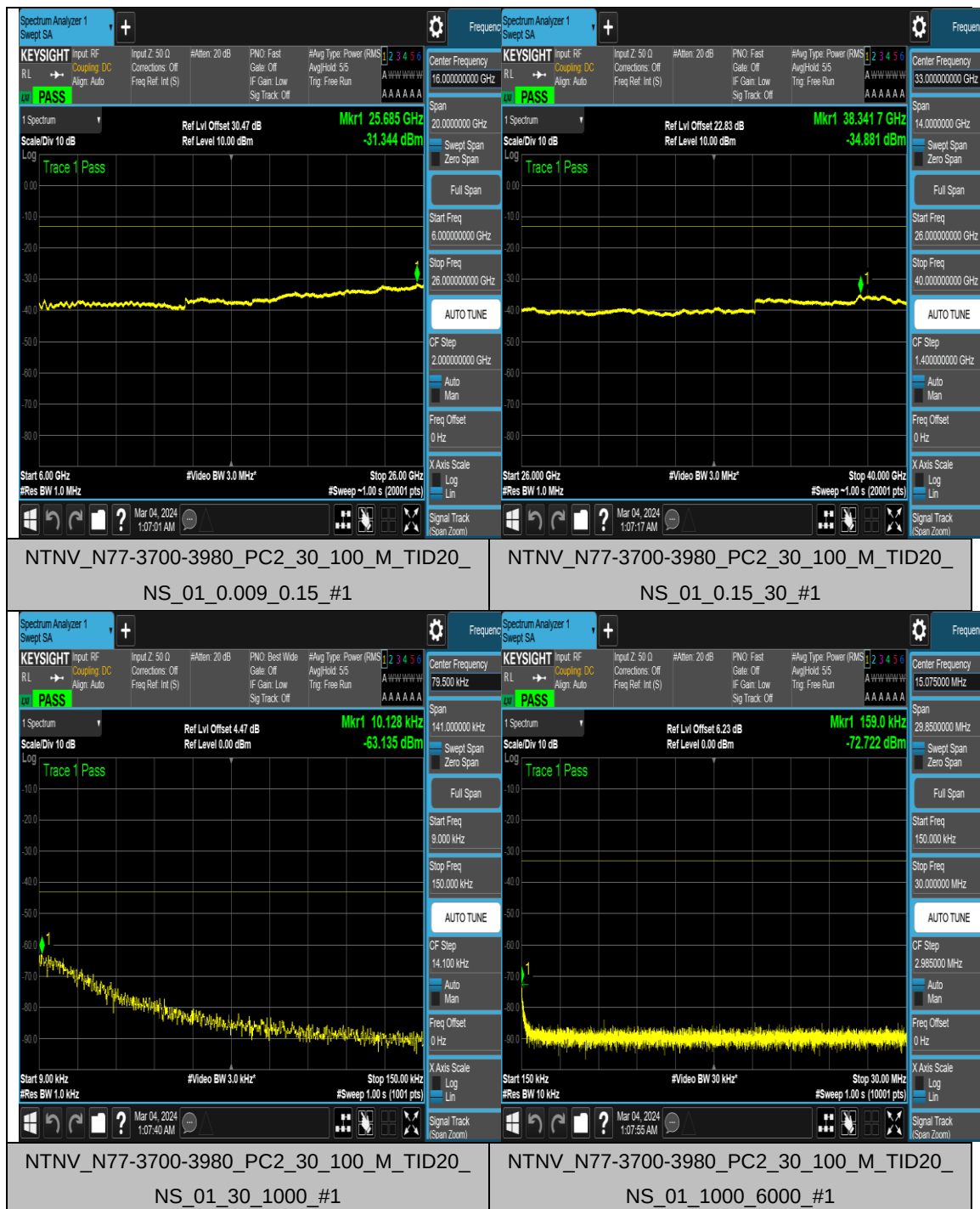


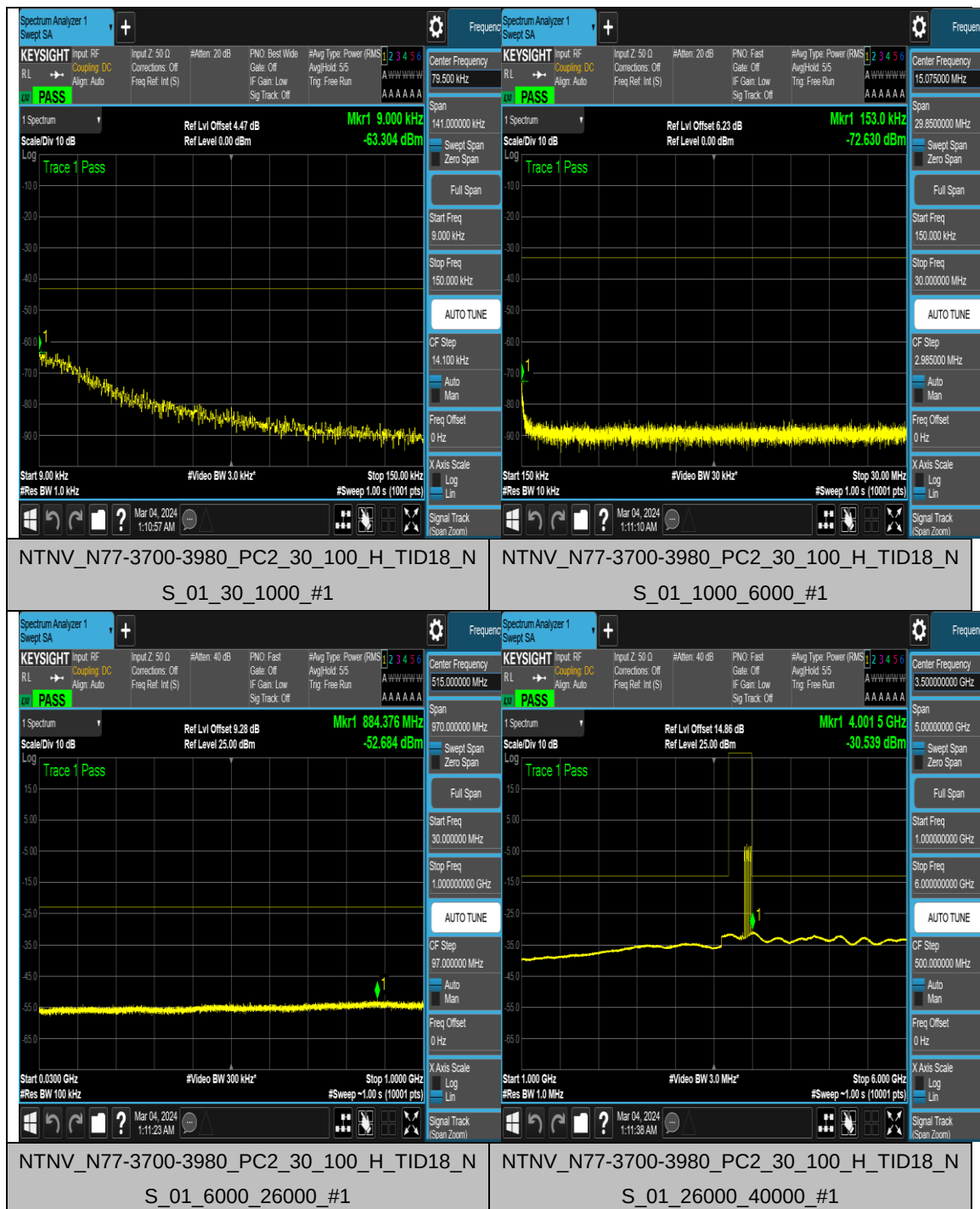


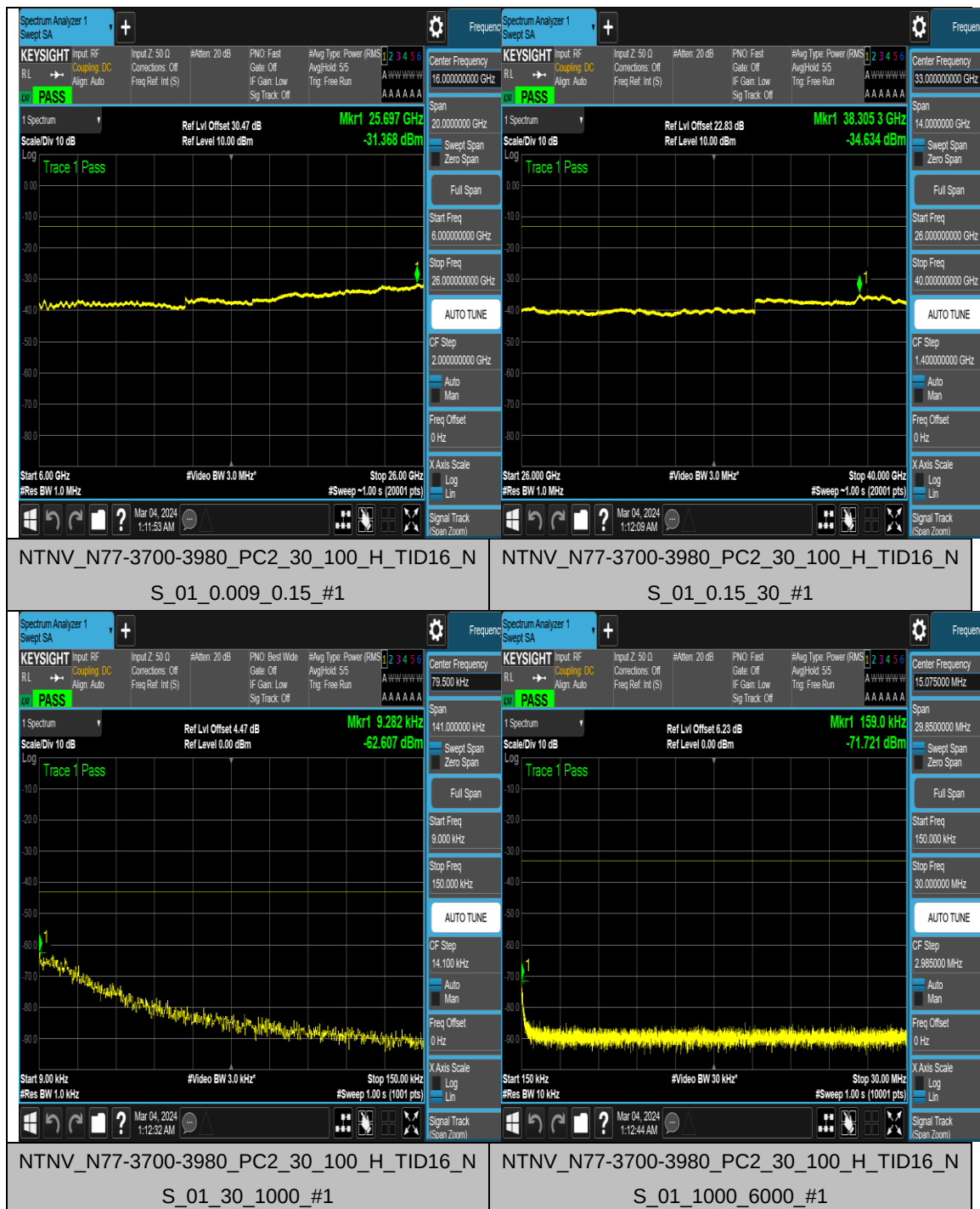








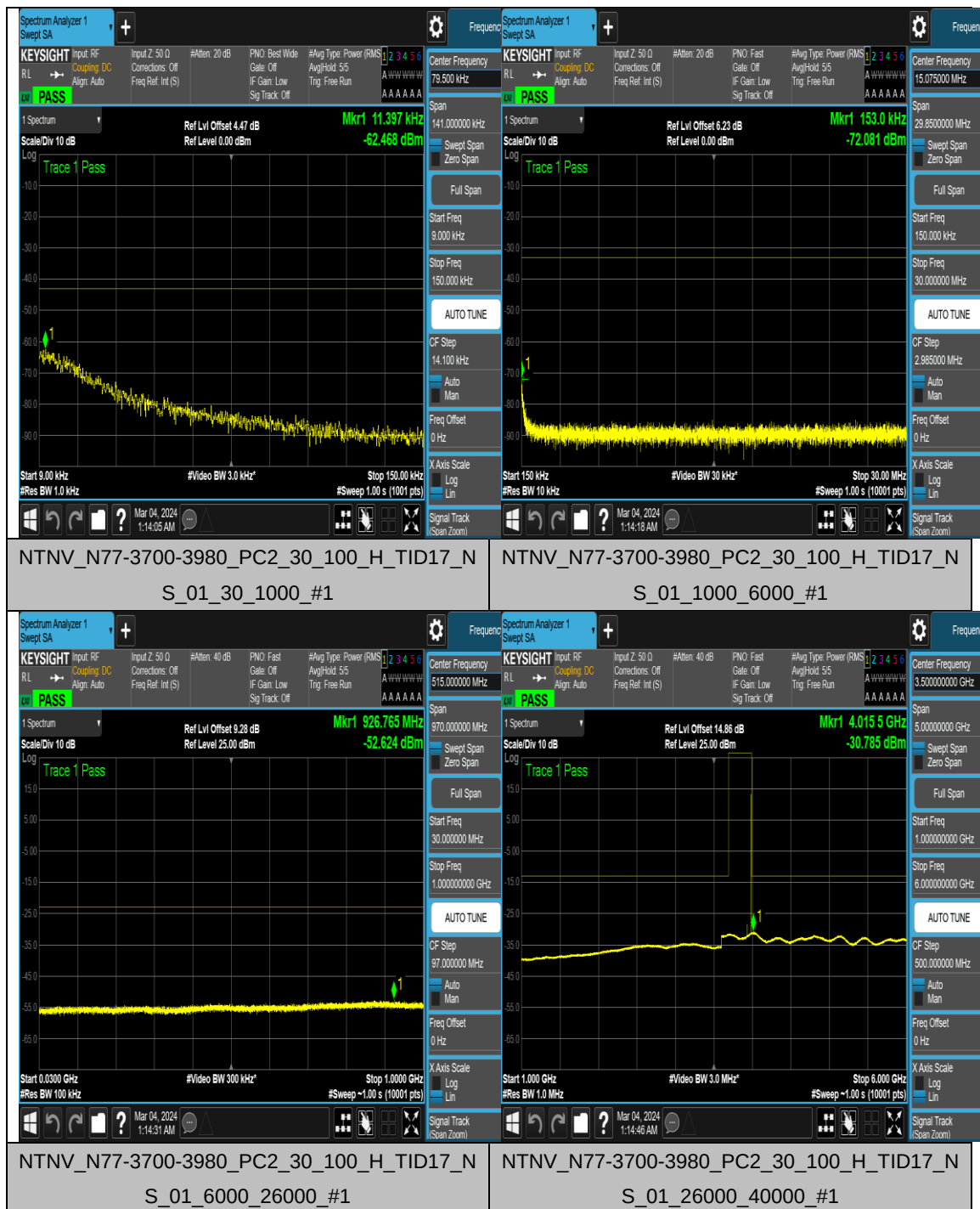


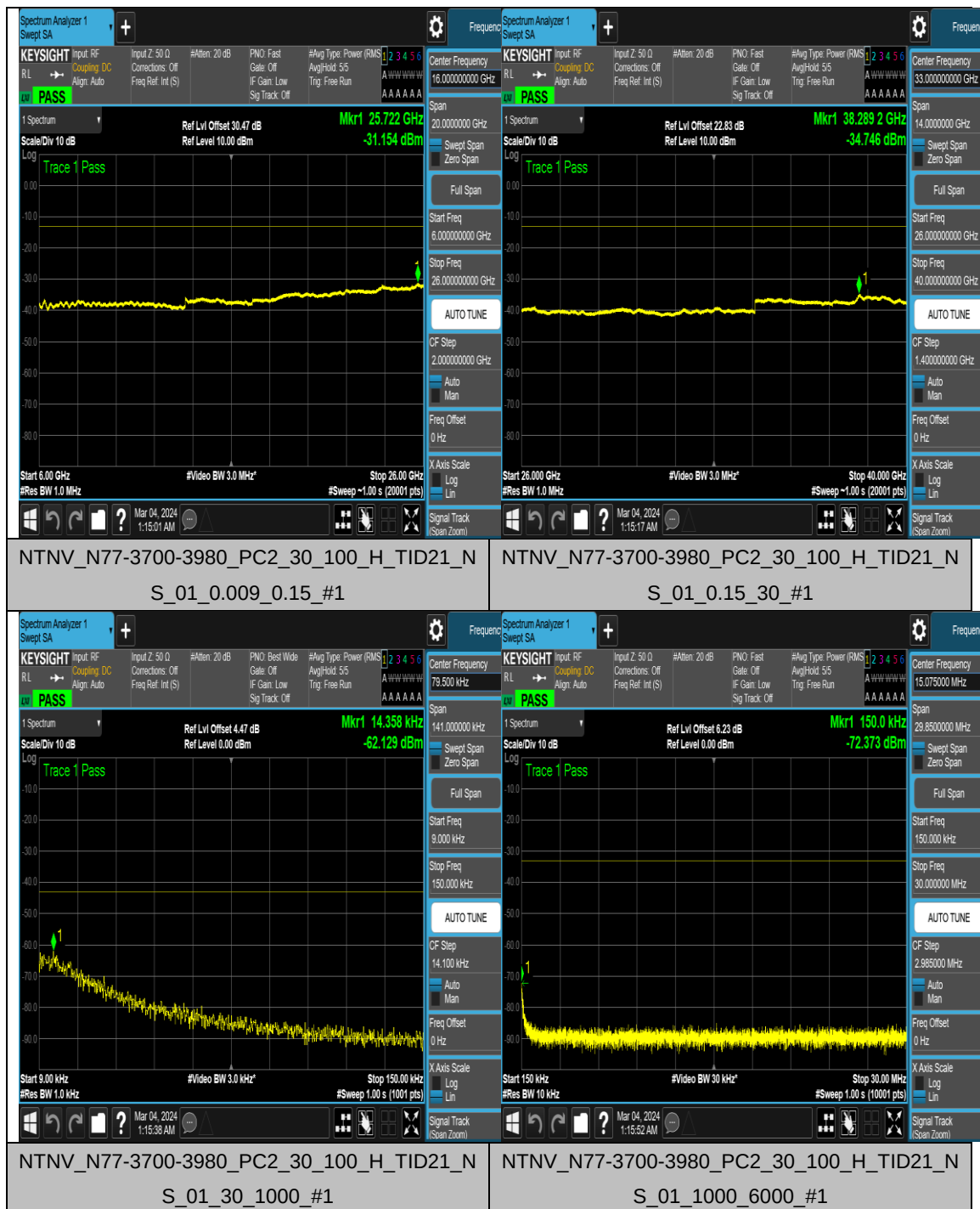




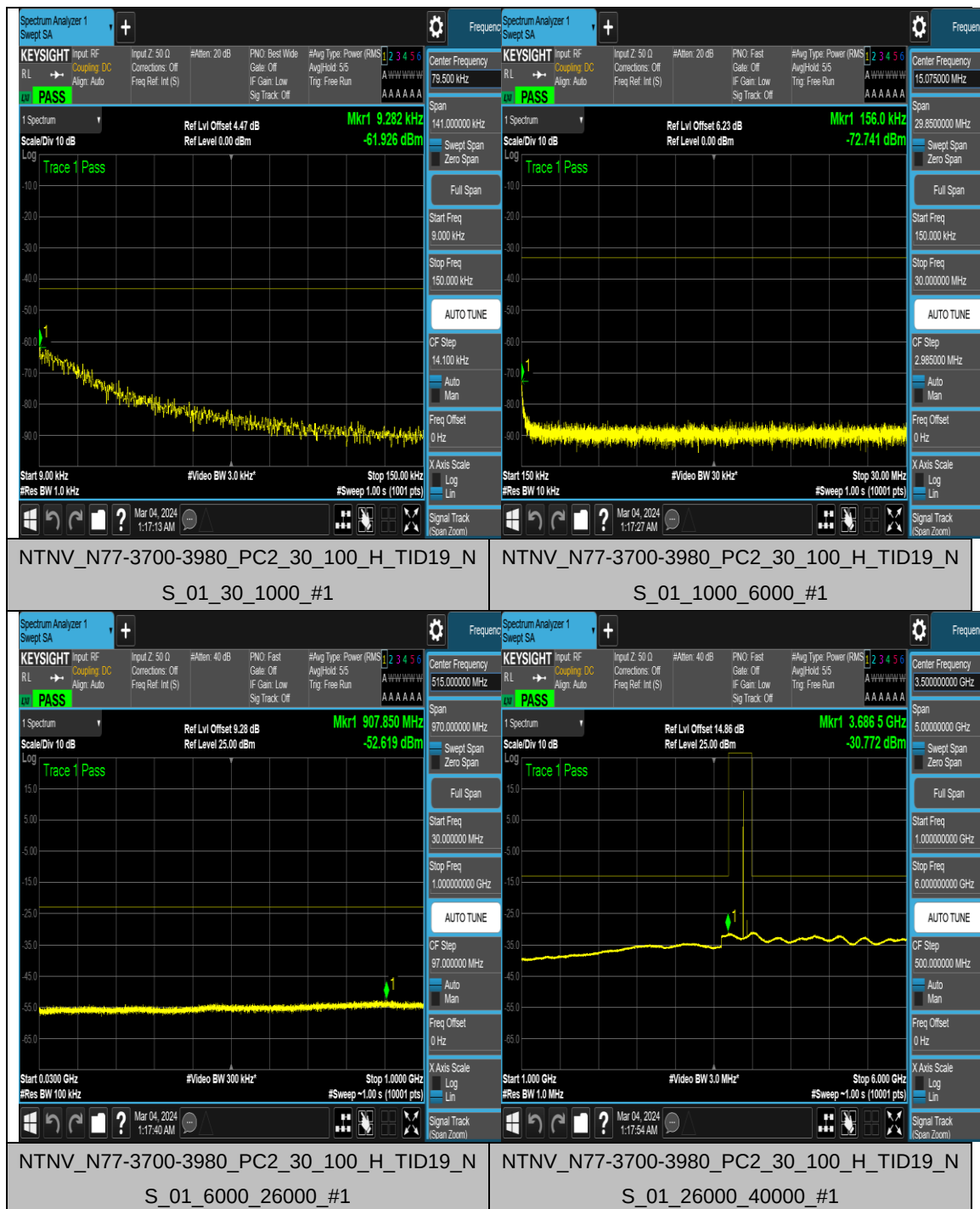


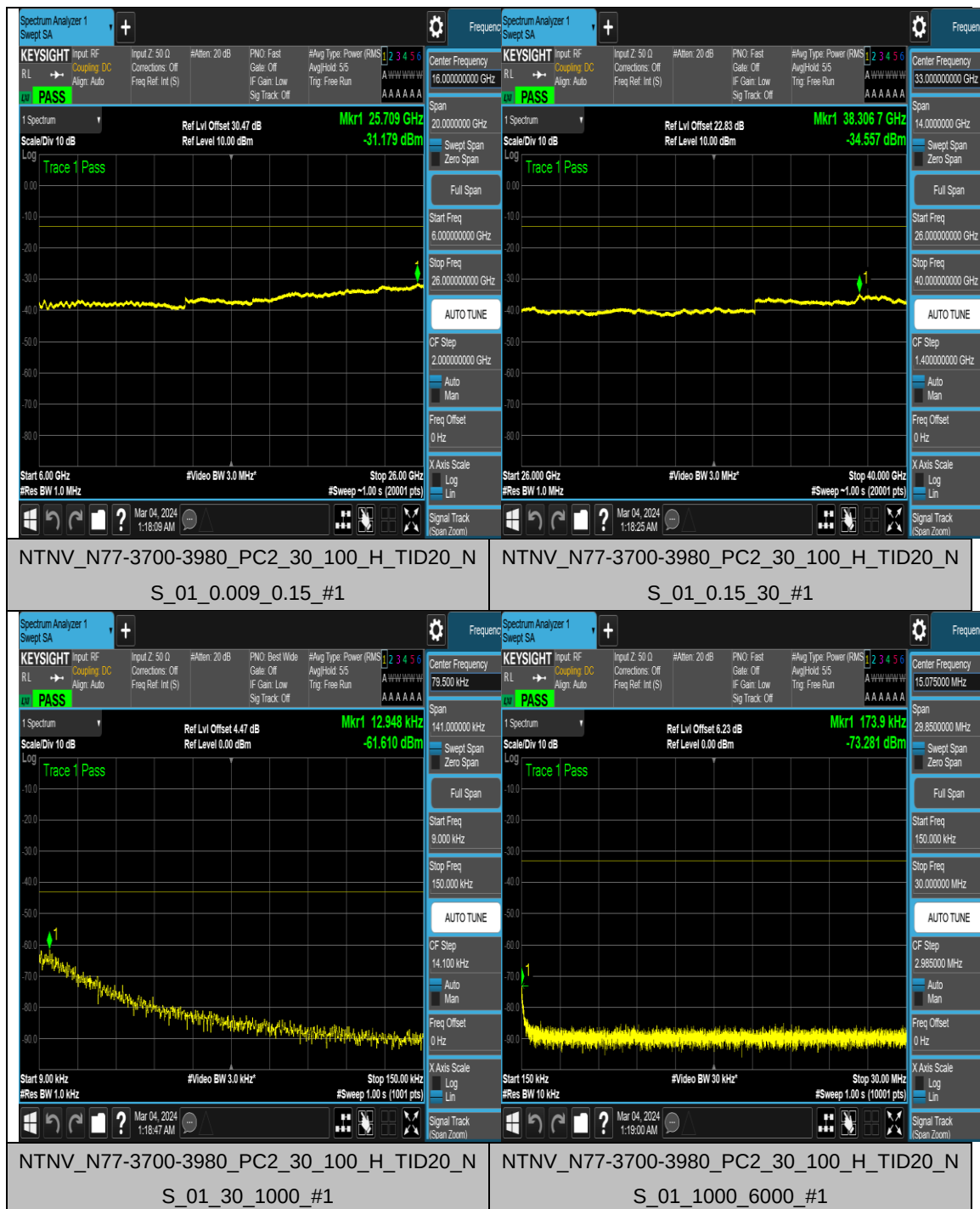














## Appendix F: Frequency Stability for SA

### Test Result

#### Frequency Error VS. Voltage

| Voltage           |     |           |            |         |            |         |             |               |                 |         |
|-------------------|-----|-----------|------------|---------|------------|---------|-------------|---------------|-----------------|---------|
| Band              | SCS | Bandwidth | Modulation | Channel | RB Config  | Voltage | Temperature | Deviation(Hz) | Deviation (ppm) | Verdict |
| N77-370<br>0-3980 | 30  | 20        | CP-QPSK    | L       | Outer_Full | VL      | NT          | -38.81        | -0.01           | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-QPSK    | L       | Outer_Full | VN      | NT          | -31.32        | -0.01           | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-QPSK    | L       | Outer_Full | VH      | NT          | -22.60        | -0.01           | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-16QAM   | L       | Outer_Full | VL      | NT          | -23.53        | -0.01           | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-16QAM   | L       | Outer_Full | VN      | NT          | -30.54        | -0.01           | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-16QAM   | L       | Outer_Full | VH      | NT          | -26.83        | -0.01           | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-QPSK    | M       | Outer_Full | VL      | NT          | -17.04        | 0.00            | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-QPSK    | M       | Outer_Full | VN      | NT          | -6.35         | 0.00            | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-QPSK    | M       | Outer_Full | VH      | NT          | -16.19        | 0.00            | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-16QAM   | M       | Outer_Full | VL      | NT          | -24.25        | -0.01           | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-16QAM   | M       | Outer_Full | VN      | NT          | -25.01        | -0.01           | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-16QAM   | M       | Outer_Full | VH      | NT          | -26.67        | -0.01           | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-QPSK    | H       | Outer_Full | VL      | NT          | -27.37        | -0.01           | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-QPSK    | H       | Outer_Full | VN      | NT          | -27.01        | -0.01           | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-QPSK    | H       | Outer_Full | VH      | NT          | -26.67        | -0.01           | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-16QAM   | H       | Outer_Full | VL      | NT          | -26.23        | -0.01           | PASS    |
| N77-370           | 30  | 20        | CP-16QAM   | H       | Outer_Full | VN      | NT          | -27.83        | -0.01           | PASS    |



|                   |    |    |          |   |            |    |    |        |       |      |
|-------------------|----|----|----------|---|------------|----|----|--------|-------|------|
| 0-3980            |    |    |          |   |            |    |    |        |       |      |
| N77-370<br>0-3980 | 30 | 20 | CP-16QAM | H | Outer_Full | VH | NT | -7.76  | 0.00  | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | L | Outer_Full | VL | NT | -19.87 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | L | Outer_Full | VN | NT | -28.51 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | L | Outer_Full | VH | NT | -14.53 | 0.00  | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | L | Outer_Full | VL | NT | -18.90 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | L | Outer_Full | VN | NT | -25.00 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | L | Outer_Full | VH | NT | -31.40 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | M | Outer_Full | VL | NT | -24.81 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | M | Outer_Full | VN | NT | -29.76 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | M | Outer_Full | VH | NT | -17.27 | 0.00  | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | M | Outer_Full | VL | NT | -25.05 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | M | Outer_Full | VN | NT | -30.16 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | M | Outer_Full | VH | NT | -12.49 | 0.00  | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | H | Outer_Full | VL | NT | -26.96 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | H | Outer_Full | VN | NT | -21.82 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | H | Outer_Full | VH | NT | -32.57 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | H | Outer_Full | VL | NT | -35.44 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | H | Outer_Full | VN | NT | -44.47 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | H | Outer_Full | VH | NT | -26.94 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | L | Outer_Full | VL | NT | -29.45 | -0.01 | PASS |
| N77-370           | 30 | 50 | CP-QPSK  | L | Outer_Full | VN | NT | -34.52 | -0.01 | PASS |

|                   |    |    |          |   |            |    |    |        |       |      |
|-------------------|----|----|----------|---|------------|----|----|--------|-------|------|
| 0-3980            |    |    |          |   |            |    |    |        |       |      |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | L | Outer_Full | VH | NT | -24.07 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | L | Outer_Full | VL | NT | -28.82 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | L | Outer_Full | VN | NT | -30.72 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | L | Outer_Full | VH | NT | -27.82 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | M | Outer_Full | VL | NT | -17.28 | 0.00  | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | M | Outer_Full | VN | NT | -31.35 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | M | Outer_Full | VH | NT | -17.50 | 0.00  | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | M | Outer_Full | VL | NT | -19.36 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | M | Outer_Full | VN | NT | -26.93 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | M | Outer_Full | VH | NT | -31.98 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | H | Outer_Full | VL | NT | -15.43 | 0.00  | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | H | Outer_Full | VN | NT | -43.46 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | H | Outer_Full | VH | NT | -43.24 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | H | Outer_Full | VL | NT | -40.84 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | H | Outer_Full | VN | NT | -31.68 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | H | Outer_Full | VH | NT | -19.20 | 0.00  | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | L | Outer_Full | VL | NT | -47.99 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | L | Outer_Full | VN | NT | -33.29 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | L | Outer_Full | VH | NT | -45.24 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | L | Outer_Full | VL | NT | -45.56 | -0.01 | PASS |
| N77-370           | 30 | 60 | CP-16QAM | L | Outer_Full | VN | NT | -32.35 | -0.01 | PASS |

|                   |    |    |          |   |            |    |    |        |       |      |
|-------------------|----|----|----------|---|------------|----|----|--------|-------|------|
| 0-3980            |    |    |          |   |            |    |    |        |       |      |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | L | Outer_Full | VH | NT | -41.79 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | M | Outer_Full | VL | NT | -15.62 | 0.00  | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | M | Outer_Full | VN | NT | -9.23  | 0.00  | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | M | Outer_Full | VH | NT | -30.76 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | M | Outer_Full | VL | NT | -16.28 | 0.00  | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | M | Outer_Full | VN | NT | -28.62 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | M | Outer_Full | VH | NT | -20.74 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | H | Outer_Full | VL | NT | -32.48 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | H | Outer_Full | VN | NT | -25.47 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | H | Outer_Full | VH | NT | -33.14 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | H | Outer_Full | VL | NT | -34.80 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | H | Outer_Full | VN | NT | -29.39 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | H | Outer_Full | VH | NT | -21.62 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | L | Outer_Full | VL | NT | -38.68 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | L | Outer_Full | VN | NT | -25.82 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | L | Outer_Full | VH | NT | -31.25 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | L | Outer_Full | VL | NT | -41.99 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | L | Outer_Full | VN | NT | -15.17 | 0.00  | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | L | Outer_Full | VH | NT | -25.78 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | M | Outer_Full | VL | NT | -42.83 | -0.01 | PASS |
| N77-370           | 30 | 80 | CP-QPSK  | M | Outer_Full | VN | NT | -14.08 | 0.00  | PASS |

|                   |    |    |          |   |            |    |    |        |       |      |
|-------------------|----|----|----------|---|------------|----|----|--------|-------|------|
| 0-3980            |    |    |          |   |            |    |    |        |       |      |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | M | Outer_Full | VH | NT | -25.55 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | M | Outer_Full | VL | NT | -34.27 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | M | Outer_Full | VN | NT | -25.02 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | M | Outer_Full | VH | NT | -16.91 | 0.00  | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | H | Outer_Full | VL | NT | -20.34 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | H | Outer_Full | VN | NT | -39.66 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | H | Outer_Full | VH | NT | -21.89 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | H | Outer_Full | VL | NT | -39.35 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | H | Outer_Full | VN | NT | -32.74 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | H | Outer_Full | VH | NT | -27.33 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | L | Outer_Full | VL | NT | -68.31 | -0.02 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | L | Outer_Full | VN | NT | -23.80 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | L | Outer_Full | VH | NT | -47.75 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-16QAM | L | Outer_Full | VL | NT | -50.06 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-16QAM | L | Outer_Full | VN | NT | -40.08 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-16QAM | L | Outer_Full | VH | NT | -29.38 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | M | Outer_Full | VL | NT | -26.58 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | M | Outer_Full | VN | NT | -25.77 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | M | Outer_Full | VH | NT | -16.81 | 0.00  | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-16QAM | M | Outer_Full | VL | NT | -5.94  | 0.00  | PASS |
| N77-370           | 30 | 90 | CP-16QAM | M | Outer_Full | VN | NT | -29.03 | -0.01 | PASS |

|                   |    |     |          |   |            |    |    |        |       |      |
|-------------------|----|-----|----------|---|------------|----|----|--------|-------|------|
| 0-3980            |    |     |          |   |            |    |    |        |       |      |
| N77-370<br>0-3980 | 30 | 90  | CP-16QAM | M | Outer_Full | VH | NT | -2.46  | 0.00  | PASS |
| N77-370<br>0-3980 | 30 | 90  | CP-QPSK  | H | Outer_Full | VL | NT | -36.04 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 90  | CP-QPSK  | H | Outer_Full | VN | NT | -18.88 | 0.00  | PASS |
| N77-370<br>0-3980 | 30 | 90  | CP-QPSK  | H | Outer_Full | VH | NT | -16.38 | 0.00  | PASS |
| N77-370<br>0-3980 | 30 | 90  | CP-16QAM | H | Outer_Full | VL | NT | -20.54 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 90  | CP-16QAM | H | Outer_Full | VN | NT | -33.05 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 90  | CP-16QAM | H | Outer_Full | VH | NT | -20.22 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | L | Outer_Full | VL | NT | -47.65 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | L | Outer_Full | VN | NT | -24.60 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | L | Outer_Full | VH | NT | -23.02 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | L | Outer_Full | VL | NT | -25.37 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | L | Outer_Full | VN | NT | -8.32  | 0.00  | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | L | Outer_Full | VH | NT | -11.09 | 0.00  | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | M | Outer_Full | VL | NT | -22.51 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | M | Outer_Full | VN | NT | -7.16  | 0.00  | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | M | Outer_Full | VH | NT | -24.69 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | M | Outer_Full | VL | NT | -10.32 | 0.00  | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | M | Outer_Full | VN | NT | -16.84 | 0.00  | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | M | Outer_Full | VH | NT | -17.03 | 0.00  | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | H | Outer_Full | VL | NT | -27.69 | -0.01 | PASS |
| N77-370           | 30 | 100 | CP-QPSK  | H | Outer_Full | VN | NT | -14.96 | 0.00  | PASS |

|                   |    |     |          |   |            |    |    |        |       |      |
|-------------------|----|-----|----------|---|------------|----|----|--------|-------|------|
| 0-3980            |    |     |          |   |            |    |    |        |       |      |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | H | Outer_Full | VH | NT | -33.31 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | H | Outer_Full | VL | NT | -36.20 | -0.01 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | H | Outer_Full | VN | NT | -18.44 | 0.00  | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | H | Outer_Full | VH | NT | -39.60 | -0.01 | PASS |

**Frequency Error VS. Temperature**

| Voltage           |     |           |            |         |            |         |             |               |                 |         |
|-------------------|-----|-----------|------------|---------|------------|---------|-------------|---------------|-----------------|---------|
| Band              | SCS | Bandwidth | Modulation | Channel | RB Config  | Voltage | Temperature | Deviation(Hz) | Deviation (ppm) | Verdict |
| N77-370<br>0-3980 | 30  | 20        | CP-QPSK    | L       | Outer_Full | NV      | -30         | -31.588575    | -0.008514       | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-QPSK    | L       | Outer_Full | NV      | -20         | -31.972845    | -0.008618       | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-QPSK    | L       | Outer_Full | NV      | -10         | -16.494116    | -0.004446       | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-QPSK    | L       | Outer_Full | NV      | 0           | -40.908939    | -0.011027       | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-QPSK    | L       | Outer_Full | NV      | 10          | -27.629234    | -0.007447       | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-QPSK    | L       | Outer_Full | NV      | 20          | -13.634027    | -0.003675       | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-QPSK    | L       | Outer_Full | NV      | 30          | -18.405596    | -0.004961       | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-QPSK    | L       | Outer_Full | NV      | 40          | -24.164143    | -0.006513       | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-QPSK    | L       | Outer_Full | NV      | 50          | -33.973877    | -0.009157       | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-16QAM   | L       | Outer_Full | NV      | -30         | -23.456785    | -0.006323       | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-16QAM   | L       | Outer_Full | NV      | -20         | -15.124253    | -0.004077       | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-16QAM   | L       | Outer_Full | NV      | -10         | -34.079300    | -0.009186       | PASS    |
| N77-370<br>0-3980 | 30  | 20        | CP-16QAM   | L       | Outer_Full | NV      | 0           | -50.301003    | -0.013558       | PASS    |
| N77-370           | 30  | 20        | CP-16QAM   | L       | Outer_Full | NV      | 10          | -32.841373    | -0.008852       | PASS    |

|                   |    |    |          |   |            |    |     |            |           |      |
|-------------------|----|----|----------|---|------------|----|-----|------------|-----------|------|
| 0-3980            |    |    |          |   |            |    |     |            |           |      |
| N77-370<br>0-3980 | 30 | 20 | CP-16QAM | L | Outer_Full | NV | 20  | -34.703651 | -0.009354 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-16QAM | L | Outer_Full | NV | 30  | -32.992695 | -0.008893 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-16QAM | L | Outer_Full | NV | 40  | -16.047966 | -0.004326 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-16QAM | L | Outer_Full | NV | 50  | -20.068508 | -0.005409 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-QPSK  | M | Outer_Full | NV | -30 | -20.894545 | -0.005441 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-QPSK  | M | Outer_Full | NV | -20 | -23.692535 | -0.006170 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-QPSK  | M | Outer_Full | NV | -10 | -18.876513 | -0.004916 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-QPSK  | M | Outer_Full | NV | 0   | -29.730118 | -0.007742 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-QPSK  | M | Outer_Full | NV | 10  | -17.194082 | -0.004478 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-QPSK  | M | Outer_Full | NV | 20  | -21.327116 | -0.005554 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-QPSK  | M | Outer_Full | NV | 30  | -3.652992  | -0.000951 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-QPSK  | M | Outer_Full | NV | 40  | -6.285880  | -0.001637 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-QPSK  | M | Outer_Full | NV | 50  | -7.172968  | -0.001868 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-16QAM | M | Outer_Full | NV | -30 | -25.367100 | -0.006606 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-16QAM | M | Outer_Full | NV | -20 | -26.253969 | -0.006837 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-16QAM | M | Outer_Full | NV | -10 | -2.033998  | -0.000530 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-16QAM | M | Outer_Full | NV | 0   | -23.956238 | -0.006239 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-16QAM | M | Outer_Full | NV | 10  | -0.691302  | -0.000180 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-16QAM | M | Outer_Full | NV | 20  | -23.903496 | -0.006225 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-16QAM | M | Outer_Full | NV | 30  | -20.793406 | -0.005415 | PASS |
| N77-370           | 30 | 20 | CP-16QAM | M | Outer_Full | NV | 40  | -18.861757 | -0.004912 | PASS |

|                   |    |    |          |   |            |    |     |            |           |      |
|-------------------|----|----|----------|---|------------|----|-----|------------|-----------|------|
| 0-3980            |    |    |          |   |            |    |     |            |           |      |
| N77-370<br>0-3980 | 30 | 20 | CP-16QAM | M | Outer_Full | NV | 50  | -18.111563 | -0.004717 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-QPSK  | H | Outer_Full | NV | -30 | -12.439869 | -0.003133 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-QPSK  | H | Outer_Full | NV | -20 | -23.556883 | -0.005934 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-QPSK  | H | Outer_Full | NV | -10 | -22.212191 | -0.005595 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-QPSK  | H | Outer_Full | NV | 0   | -18.648161 | -0.004697 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-QPSK  | H | Outer_Full | NV | 10  | -28.876028 | -0.007274 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-QPSK  | H | Outer_Full | NV | 20  | -18.669701 | -0.004703 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-QPSK  | H | Outer_Full | NV | 30  | -26.103367 | -0.006575 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-QPSK  | H | Outer_Full | NV | 40  | -10.798361 | -0.002720 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-QPSK  | H | Outer_Full | NV | 50  | -25.988899 | -0.006546 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-16QAM | H | Outer_Full | NV | -30 | -20.823055 | -0.005245 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-16QAM | H | Outer_Full | NV | -20 | -33.306179 | -0.008389 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-16QAM | H | Outer_Full | NV | -10 | -10.975740 | -0.002765 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-16QAM | H | Outer_Full | NV | 0   | -26.342983 | -0.006636 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-16QAM | H | Outer_Full | NV | 10  | -18.535694 | -0.004669 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-16QAM | H | Outer_Full | NV | 20  | -30.093130 | -0.007580 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-16QAM | H | Outer_Full | NV | 30  | -26.259035 | -0.006614 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-16QAM | H | Outer_Full | NV | 40  | -19.460917 | -0.004902 | PASS |
| N77-370<br>0-3980 | 30 | 20 | CP-16QAM | H | Outer_Full | NV | 50  | -14.351158 | -0.003615 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | L | Outer_Full | NV | -30 | -16.345482 | -0.004394 | PASS |
| N77-370           | 30 | 40 | CP-QPSK  | L | Outer_Full | NV | -20 | -22.289305 | -0.005992 | PASS |



|                   |    |    |          |   |            |    |     |            |           |      |
|-------------------|----|----|----------|---|------------|----|-----|------------|-----------|------|
| 0-3980            |    |    |          |   |            |    |     |            |           |      |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | L | Outer_Full | NV | -10 | -19.534040 | -0.005251 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | L | Outer_Full | NV | 0   | -6.376992  | -0.001714 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | L | Outer_Full | NV | 10  | -29.900389 | -0.008038 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | L | Outer_Full | NV | 20  | -26.904364 | -0.007232 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | L | Outer_Full | NV | 30  | -24.219393 | -0.006511 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | L | Outer_Full | NV | 40  | -34.819195 | -0.009360 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | L | Outer_Full | NV | 50  | -23.152256 | -0.006224 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | L | Outer_Full | NV | -30 | -32.290550 | -0.008680 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | L | Outer_Full | NV | -20 | -30.695383 | -0.008251 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | L | Outer_Full | NV | -10 | -28.613609 | -0.007692 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | L | Outer_Full | NV | 0   | -29.274035 | -0.007869 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | L | Outer_Full | NV | 10  | -22.488651 | -0.006045 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | L | Outer_Full | NV | 20  | -19.988565 | -0.005373 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | L | Outer_Full | NV | 30  | -34.836239 | -0.009365 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | L | Outer_Full | NV | 40  | -28.083841 | -0.007549 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | L | Outer_Full | NV | 50  | -21.415615 | -0.005757 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | M | Outer_Full | NV | -30 | -14.976930 | -0.003900 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | M | Outer_Full | NV | -20 | -20.185968 | -0.005257 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | M | Outer_Full | NV | -10 | -18.633411 | -0.004852 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | M | Outer_Full | NV | 0   | -26.199963 | -0.006823 | PASS |
| N77-370           | 30 | 40 | CP-QPSK  | M | Outer_Full | NV | 10  | -8.507654  | -0.002216 | PASS |

|                   |    |    |          |   |            |    |     |            |           |      |
|-------------------|----|----|----------|---|------------|----|-----|------------|-----------|------|
| 0-3980            |    |    |          |   |            |    |     |            |           |      |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | M | Outer_Full | NV | 20  | -28.148273 | -0.007330 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | M | Outer_Full | NV | 30  | -25.760893 | -0.006709 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | M | Outer_Full | NV | 40  | -16.336432 | -0.004254 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | M | Outer_Full | NV | 50  | -25.925537 | -0.006751 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | M | Outer_Full | NV | -30 | -13.490898 | -0.003513 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | M | Outer_Full | NV | -20 | -13.324407 | -0.003470 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | M | Outer_Full | NV | -10 | -12.273484 | -0.003196 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | M | Outer_Full | NV | 0   | -12.293515 | -0.003201 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | M | Outer_Full | NV | 10  | -29.136585 | -0.007588 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | M | Outer_Full | NV | 20  | -23.445452 | -0.006106 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | M | Outer_Full | NV | 30  | -21.498493 | -0.005599 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | M | Outer_Full | NV | 40  | -14.932093 | -0.003889 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | M | Outer_Full | NV | 50  | -6.291240  | -0.001638 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | H | Outer_Full | NV | -30 | -19.847298 | -0.005012 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | H | Outer_Full | NV | -20 | -27.248251 | -0.006881 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | H | Outer_Full | NV | -10 | -50.412937 | -0.012731 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | H | Outer_Full | NV | 0   | -18.651398 | -0.004710 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | H | Outer_Full | NV | 10  | -22.808939 | -0.005760 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | H | Outer_Full | NV | 20  | -42.639500 | -0.010768 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | H | Outer_Full | NV | 30  | -14.789388 | -0.003735 | PASS |
| N77-370           | 30 | 40 | CP-QPSK  | H | Outer_Full | NV | 40  | -30.989412 | -0.007826 | PASS |

|                   |    |    |          |   |            |    |     |            |           |      |
|-------------------|----|----|----------|---|------------|----|-----|------------|-----------|------|
| 0-3980            |    |    |          |   |            |    |     |            |           |      |
| N77-370<br>0-3980 | 30 | 40 | CP-QPSK  | H | Outer_Full | NV | 50  | -40.417706 | -0.010207 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | H | Outer_Full | NV | -30 | -29.919788 | -0.007556 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | H | Outer_Full | NV | -20 | -28.421673 | -0.007177 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | H | Outer_Full | NV | -10 | -25.225229 | -0.006370 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | H | Outer_Full | NV | 0   | -29.793251 | -0.007524 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | H | Outer_Full | NV | 10  | -30.685623 | -0.007749 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | H | Outer_Full | NV | 20  | -26.052608 | -0.006579 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | H | Outer_Full | NV | 30  | -40.227848 | -0.010159 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | H | Outer_Full | NV | 40  | -35.160801 | -0.008879 | PASS |
| N77-370<br>0-3980 | 30 | 40 | CP-16QAM | H | Outer_Full | NV | 50  | -6.575796  | -0.001661 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | L | Outer_Full | NV | -30 | -36.196335 | -0.009717 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | L | Outer_Full | NV | -20 | -28.865295 | -0.007749 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | L | Outer_Full | NV | -10 | -16.072681 | -0.004315 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | L | Outer_Full | NV | 0   | -18.216541 | -0.004890 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | L | Outer_Full | NV | 10  | -31.311934 | -0.008406 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | L | Outer_Full | NV | 20  | -24.545225 | -0.006589 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | L | Outer_Full | NV | 30  | -32.163082 | -0.008634 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | L | Outer_Full | NV | 40  | -16.791973 | -0.004508 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | L | Outer_Full | NV | 50  | -19.296457 | -0.005180 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | L | Outer_Full | NV | -30 | -4.599020  | -0.001235 | PASS |
| N77-370           | 30 | 50 | CP-16QAM | L | Outer_Full | NV | -20 | -22.827124 | -0.006128 | PASS |

|                   |    |    |          |   |            |    |     |            |           |      |
|-------------------|----|----|----------|---|------------|----|-----|------------|-----------|------|
| 0-3980            |    |    |          |   |            |    |     |            |           |      |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | L | Outer_Full | NV | -10 | -19.788454 | -0.005312 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | L | Outer_Full | NV | 0   | -38.280361 | -0.010277 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | L | Outer_Full | NV | 10  | -31.995764 | -0.008589 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | L | Outer_Full | NV | 20  | -22.422581 | -0.006019 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | L | Outer_Full | NV | 30  | -34.559803 | -0.009278 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | L | Outer_Full | NV | 40  | -27.367891 | -0.007347 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | L | Outer_Full | NV | 50  | -39.437244 | -0.010587 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | M | Outer_Full | NV | -30 | -26.549335 | -0.006914 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | M | Outer_Full | NV | -20 | -15.868498 | -0.004132 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | M | Outer_Full | NV | -10 | -14.328254 | -0.003731 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | M | Outer_Full | NV | 0   | -22.580477 | -0.005880 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | M | Outer_Full | NV | 10  | -25.483370 | -0.006636 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | M | Outer_Full | NV | 20  | -25.095629 | -0.006535 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | M | Outer_Full | NV | 30  | -19.510420 | -0.005081 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | M | Outer_Full | NV | 40  | -11.460560 | -0.002985 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | M | Outer_Full | NV | 50  | -0.664700  | -0.000173 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | M | Outer_Full | NV | -30 | -14.315005 | -0.003728 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | M | Outer_Full | NV | -20 | -16.017067 | -0.004171 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | M | Outer_Full | NV | -10 | -35.538136 | -0.009255 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | M | Outer_Full | NV | 0   | -12.967315 | -0.003377 | PASS |
| N77-370           | 30 | 50 | CP-16QAM | M | Outer_Full | NV | 10  | -9.496429  | -0.002473 | PASS |

|                   |    |    |          |   |            |    |     |            |           |      |
|-------------------|----|----|----------|---|------------|----|-----|------------|-----------|------|
| 0-3980            |    |    |          |   |            |    |     |            |           |      |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | M | Outer_Full | NV | 20  | -3.471961  | -0.000904 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | M | Outer_Full | NV | 30  | -21.498142 | -0.005598 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | M | Outer_Full | NV | 40  | -12.085313 | -0.003147 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | M | Outer_Full | NV | 50  | -7.876768  | -0.002051 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | H | Outer_Full | NV | -30 | -33.801788 | -0.008547 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | H | Outer_Full | NV | -20 | -30.552731 | -0.007725 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | H | Outer_Full | NV | -10 | -14.617410 | -0.003696 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | H | Outer_Full | NV | 0   | -29.860352 | -0.007550 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | H | Outer_Full | NV | 10  | -17.833750 | -0.004509 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | H | Outer_Full | NV | 20  | -43.421101 | -0.010979 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | H | Outer_Full | NV | 30  | -44.309860 | -0.011204 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | H | Outer_Full | NV | 40  | -41.519810 | -0.010498 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-QPSK  | H | Outer_Full | NV | 50  | -34.145683 | -0.008634 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | H | Outer_Full | NV | -30 | -29.530416 | -0.007467 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | H | Outer_Full | NV | -20 | -36.634979 | -0.009263 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | H | Outer_Full | NV | -10 | -43.913506 | -0.011103 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | H | Outer_Full | NV | 0   | -46.208538 | -0.011684 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | H | Outer_Full | NV | 10  | -25.113483 | -0.006350 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | H | Outer_Full | NV | 20  | -30.149811 | -0.007623 | PASS |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | H | Outer_Full | NV | 30  | -31.550390 | -0.007977 | PASS |
| N77-370           | 30 | 50 | CP-16QAM | H | Outer_Full | NV | 40  | -32.526363 | -0.008224 | PASS |

|                   |    |    |          |   |            |    |     |            |           |      |
|-------------------|----|----|----------|---|------------|----|-----|------------|-----------|------|
| 0-3980            |    |    |          |   |            |    |     |            |           |      |
| N77-370<br>0-3980 | 30 | 50 | CP-16QAM | H | Outer_Full | NV | 50  | -33.168957 | -0.008387 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | L | Outer_Full | NV | -30 | -25.563971 | -0.006854 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | L | Outer_Full | NV | -20 | -38.165684 | -0.010232 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | L | Outer_Full | NV | -10 | -35.587490 | -0.009541 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | L | Outer_Full | NV | 0   | -48.645802 | -0.013042 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | L | Outer_Full | NV | 10  | -34.226196 | -0.009176 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | L | Outer_Full | NV | 20  | -36.027069 | -0.009659 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | L | Outer_Full | NV | 30  | -35.223278 | -0.009443 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | L | Outer_Full | NV | 40  | -51.984379 | -0.013937 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | L | Outer_Full | NV | 50  | -44.526112 | -0.011937 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | L | Outer_Full | NV | -30 | -29.502916 | -0.007910 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | L | Outer_Full | NV | -20 | -34.460758 | -0.009239 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | L | Outer_Full | NV | -10 | -41.722782 | -0.011186 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | L | Outer_Full | NV | 0   | -44.977272 | -0.012058 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | L | Outer_Full | NV | 10  | -46.332489 | -0.012422 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | L | Outer_Full | NV | 20  | -26.819115 | -0.007190 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | L | Outer_Full | NV | 30  | -29.701672 | -0.007963 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | L | Outer_Full | NV | 40  | -53.212021 | -0.014266 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | L | Outer_Full | NV | 50  | -29.258482 | -0.007844 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | M | Outer_Full | NV | -30 | -16.732454 | -0.004357 | PASS |
| N77-370           | 30 | 60 | CP-QPSK  | M | Outer_Full | NV | -20 | -10.247960 | -0.002669 | PASS |

|                   |    |    |          |   |            |    |     |            |           |      |
|-------------------|----|----|----------|---|------------|----|-----|------------|-----------|------|
| 0-3980            |    |    |          |   |            |    |     |            |           |      |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | M | Outer_Full | NV | -10 | -15.833997 | -0.004123 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | M | Outer_Full | NV | 0   | -37.710236 | -0.009820 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | M | Outer_Full | NV | 10  | -26.798656 | -0.006979 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | M | Outer_Full | NV | 20  | -35.519325 | -0.009250 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | M | Outer_Full | NV | 30  | -16.056803 | -0.004181 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | M | Outer_Full | NV | 40  | -17.654837 | -0.004598 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | M | Outer_Full | NV | 50  | -37.608753 | -0.009794 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | M | Outer_Full | NV | -30 | -32.441036 | -0.008448 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | M | Outer_Full | NV | -20 | -18.408226 | -0.004794 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | M | Outer_Full | NV | -10 | -22.940933 | -0.005974 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | M | Outer_Full | NV | 0   | -29.975395 | -0.007806 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | M | Outer_Full | NV | 10  | -13.853039 | -0.003608 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | M | Outer_Full | NV | 20  | -38.790176 | -0.010102 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | M | Outer_Full | NV | 30  | -17.638168 | -0.004593 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | M | Outer_Full | NV | 40  | -19.691307 | -0.005128 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | M | Outer_Full | NV | 50  | -21.927242 | -0.005710 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | H | Outer_Full | NV | -30 | -33.579723 | -0.008501 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | H | Outer_Full | NV | -20 | -39.293625 | -0.009948 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | H | Outer_Full | NV | -10 | -29.293064 | -0.007416 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | H | Outer_Full | NV | 0   | -33.268085 | -0.008422 | PASS |
| N77-370           | 30 | 60 | CP-QPSK  | H | Outer_Full | NV | 10  | -25.273453 | -0.006398 | PASS |

|                   |    |    |          |   |            |    |     |            |           |      |
|-------------------|----|----|----------|---|------------|----|-----|------------|-----------|------|
| 0-3980            |    |    |          |   |            |    |     |            |           |      |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | H | Outer_Full | NV | 20  | -17.726522 | -0.004488 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | H | Outer_Full | NV | 30  | -25.514263 | -0.006459 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | H | Outer_Full | NV | 40  | -25.381355 | -0.006426 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-QPSK  | H | Outer_Full | NV | 50  | -28.893826 | -0.007315 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | H | Outer_Full | NV | -30 | -32.583588 | -0.008249 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | H | Outer_Full | NV | -20 | -22.722654 | -0.005753 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | H | Outer_Full | NV | -10 | -31.611404 | -0.008003 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | H | Outer_Full | NV | 0   | -40.325424 | -0.010209 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | H | Outer_Full | NV | 10  | -24.722893 | -0.006259 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | H | Outer_Full | NV | 20  | -27.311520 | -0.006914 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | H | Outer_Full | NV | 30  | -33.758671 | -0.008546 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | H | Outer_Full | NV | 40  | -33.717525 | -0.008536 | PASS |
| N77-370<br>0-3980 | 30 | 60 | CP-16QAM | H | Outer_Full | NV | 50  | -37.543987 | -0.009505 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | L | Outer_Full | NV | -30 | -31.732851 | -0.008485 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | L | Outer_Full | NV | -20 | -32.392601 | -0.008661 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | L | Outer_Full | NV | -10 | -47.194103 | -0.012619 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | L | Outer_Full | NV | 0   | -20.825066 | -0.005568 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | L | Outer_Full | NV | 10  | -38.076683 | -0.010181 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | L | Outer_Full | NV | 20  | -26.968754 | -0.007211 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | L | Outer_Full | NV | 30  | -31.733576 | -0.008485 | PASS |
| N77-370           | 30 | 80 | CP-QPSK  | L | Outer_Full | NV | 40  | -35.480099 | -0.009487 | PASS |



|                   |    |    |          |   |            |    |     |            |           |      |
|-------------------|----|----|----------|---|------------|----|-----|------------|-----------|------|
| 0-3980            |    |    |          |   |            |    |     |            |           |      |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | L | Outer_Full | NV | 50  | -36.469109 | -0.009751 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | L | Outer_Full | NV | -30 | -15.693134 | -0.004196 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | L | Outer_Full | NV | -20 | -31.393162 | -0.008394 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | L | Outer_Full | NV | -10 | -37.828117 | -0.010114 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | L | Outer_Full | NV | 0   | -42.680405 | -0.011412 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | L | Outer_Full | NV | 10  | -50.725857 | -0.013563 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | L | Outer_Full | NV | 20  | -33.352474 | -0.008918 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | L | Outer_Full | NV | 30  | -35.947411 | -0.009612 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | L | Outer_Full | NV | 40  | -36.627945 | -0.009794 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | L | Outer_Full | NV | 50  | -39.444473 | -0.010547 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | M | Outer_Full | NV | -30 | -44.964046 | -0.011709 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | M | Outer_Full | NV | -20 | -24.838545 | -0.006468 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | M | Outer_Full | NV | -10 | -34.983036 | -0.009110 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | M | Outer_Full | NV | 0   | -14.595597 | -0.003801 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | M | Outer_Full | NV | 10  | -31.444605 | -0.008189 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | M | Outer_Full | NV | 20  | -20.663628 | -0.005381 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | M | Outer_Full | NV | 30  | -25.899693 | -0.006745 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | M | Outer_Full | NV | 40  | -29.015787 | -0.007556 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | M | Outer_Full | NV | 50  | -29.343882 | -0.007642 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | M | Outer_Full | NV | -30 | -27.964121 | -0.007282 | PASS |
| N77-370           | 30 | 80 | CP-16QAM | M | Outer_Full | NV | -20 | -15.211136 | -0.003961 | PASS |

|                   |    |    |          |   |            |    |     |            |           |      |
|-------------------|----|----|----------|---|------------|----|-----|------------|-----------|------|
| 0-3980            |    |    |          |   |            |    |     |            |           |      |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | M | Outer_Full | NV | -10 | -21.860964 | -0.005693 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | M | Outer_Full | NV | 0   | -29.844461 | -0.007772 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | M | Outer_Full | NV | 10  | -31.615414 | -0.008233 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | M | Outer_Full | NV | 20  | -36.318119 | -0.009458 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | M | Outer_Full | NV | 30  | -14.891048 | -0.003878 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | M | Outer_Full | NV | 40  | -15.964129 | -0.004157 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | M | Outer_Full | NV | 50  | -13.784626 | -0.003590 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | H | Outer_Full | NV | -30 | -24.562668 | -0.006234 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | H | Outer_Full | NV | -20 | -25.712294 | -0.006526 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | H | Outer_Full | NV | -10 | -40.409920 | -0.010256 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | H | Outer_Full | NV | 0   | -39.788521 | -0.010099 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | H | Outer_Full | NV | 10  | -33.771858 | -0.008572 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | H | Outer_Full | NV | 20  | -21.035635 | -0.005339 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | H | Outer_Full | NV | 30  | -26.753065 | -0.006790 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | H | Outer_Full | NV | 40  | -32.095169 | -0.008146 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-QPSK  | H | Outer_Full | NV | 50  | -31.607458 | -0.008022 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | H | Outer_Full | NV | -30 | -14.696845 | -0.003730 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | H | Outer_Full | NV | -20 | -24.480396 | -0.006213 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | H | Outer_Full | NV | -10 | -34.046940 | -0.008641 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | H | Outer_Full | NV | 0   | -43.118599 | -0.010944 | PASS |
| N77-370           | 30 | 80 | CP-16QAM | H | Outer_Full | NV | 10  | -24.021383 | -0.006097 | PASS |

|                   |    |    |          |   |            |    |     |            |           |      |
|-------------------|----|----|----------|---|------------|----|-----|------------|-----------|------|
| 0-3980            |    |    |          |   |            |    |     |            |           |      |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | H | Outer_Full | NV | 20  | -6.990777  | -0.001774 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | H | Outer_Full | NV | 30  | -9.870904  | -0.002505 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | H | Outer_Full | NV | 40  | -16.012537 | -0.004064 | PASS |
| N77-370<br>0-3980 | 30 | 80 | CP-16QAM | H | Outer_Full | NV | 50  | -43.405537 | -0.011017 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | L | Outer_Full | NV | -30 | -36.853256 | -0.009841 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | L | Outer_Full | NV | -20 | -34.783039 | -0.009288 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | L | Outer_Full | NV | -10 | -40.893188 | -0.010919 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | L | Outer_Full | NV | 0   | -39.467232 | -0.010539 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | L | Outer_Full | NV | 10  | -26.376936 | -0.007043 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | L | Outer_Full | NV | 20  | -40.271992 | -0.010753 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | L | Outer_Full | NV | 30  | -45.100861 | -0.012043 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | L | Outer_Full | NV | 40  | -42.674709 | -0.011395 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | L | Outer_Full | NV | 50  | -42.368965 | -0.011313 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-16QAM | L | Outer_Full | NV | -30 | -41.485600 | -0.011078 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-16QAM | L | Outer_Full | NV | -20 | -30.241621 | -0.008075 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-16QAM | L | Outer_Full | NV | -10 | -34.699265 | -0.009265 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-16QAM | L | Outer_Full | NV | 0   | -42.758896 | -0.011418 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-16QAM | L | Outer_Full | NV | 10  | -47.005081 | -0.012551 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-16QAM | L | Outer_Full | NV | 20  | -27.535536 | -0.007353 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-16QAM | L | Outer_Full | NV | 30  | -32.928787 | -0.008793 | PASS |
| N77-370           | 30 | 90 | CP-16QAM | L | Outer_Full | NV | 40  | -37.879711 | -0.010115 | PASS |

|                   |    |    |          |   |            |    |     |            |           |      |
|-------------------|----|----|----------|---|------------|----|-----|------------|-----------|------|
| 0-3980            |    |    |          |   |            |    |     |            |           |      |
| N77-370<br>0-3980 | 30 | 90 | CP-16QAM | L | Outer_Full | NV | 50  | -10.673643 | -0.002850 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | M | Outer_Full | NV | -30 | -19.035044 | -0.004957 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | M | Outer_Full | NV | -20 | -3.221061  | -0.000839 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | M | Outer_Full | NV | -10 | -20.538738 | -0.005349 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | M | Outer_Full | NV | 0   | -24.380871 | -0.006349 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | M | Outer_Full | NV | 10  | -21.827414 | -0.005684 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | M | Outer_Full | NV | 20  | -13.472538 | -0.003508 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | M | Outer_Full | NV | 30  | -26.370377 | -0.006867 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | M | Outer_Full | NV | 40  | -12.417661 | -0.003234 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | M | Outer_Full | NV | 50  | -13.357604 | -0.003479 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-16QAM | M | Outer_Full | NV | -30 | -15.909969 | -0.004143 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-16QAM | M | Outer_Full | NV | -20 | -31.559982 | -0.008219 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-16QAM | M | Outer_Full | NV | -10 | -23.585821 | -0.006142 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-16QAM | M | Outer_Full | NV | 0   | -11.443014 | -0.002980 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-16QAM | M | Outer_Full | NV | 10  | -22.604300 | -0.005887 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-16QAM | M | Outer_Full | NV | 20  | -5.303887  | -0.001381 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-16QAM | M | Outer_Full | NV | 30  | -14.664272 | -0.003819 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-16QAM | M | Outer_Full | NV | 40  | 6.730389   | 0.001753  | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-16QAM | M | Outer_Full | NV | 50  | -23.449783 | -0.006107 | PASS |
| N77-370<br>0-3980 | 30 | 90 | CP-QPSK  | H | Outer_Full | NV | -30 | -13.420103 | -0.003410 | PASS |
| N77-370           | 30 | 90 | CP-QPSK  | H | Outer_Full | NV | -20 | -35.796371 | -0.009097 | PASS |

|                   |    |     |          |   |            |    |     |            |           |      |
|-------------------|----|-----|----------|---|------------|----|-----|------------|-----------|------|
| 0-3980            |    |     |          |   |            |    |     |            |           |      |
| N77-370<br>0-3980 | 30 | 90  | CP-QPSK  | H | Outer_Full | NV | -10 | -13.420822 | -0.003411 | PASS |
| N77-370<br>0-3980 | 30 | 90  | CP-QPSK  | H | Outer_Full | NV | 0   | -37.436367 | -0.009514 | PASS |
| N77-370<br>0-3980 | 30 | 90  | CP-QPSK  | H | Outer_Full | NV | 10  | -26.043499 | -0.006618 | PASS |
| N77-370<br>0-3980 | 30 | 90  | CP-QPSK  | H | Outer_Full | NV | 20  | -38.224869 | -0.009714 | PASS |
| N77-370<br>0-3980 | 30 | 90  | CP-QPSK  | H | Outer_Full | NV | 30  | -15.647905 | -0.003977 | PASS |
| N77-370<br>0-3980 | 30 | 90  | CP-QPSK  | H | Outer_Full | NV | 40  | -41.921680 | -0.010654 | PASS |
| N77-370<br>0-3980 | 30 | 90  | CP-QPSK  | H | Outer_Full | NV | 50  | -12.184749 | -0.003097 | PASS |
| N77-370<br>0-3980 | 30 | 90  | CP-16QAM | H | Outer_Full | NV | -30 | -30.511707 | -0.007754 | PASS |
| N77-370<br>0-3980 | 30 | 90  | CP-16QAM | H | Outer_Full | NV | -20 | -17.279232 | -0.004391 | PASS |
| N77-370<br>0-3980 | 30 | 90  | CP-16QAM | H | Outer_Full | NV | -10 | -22.974367 | -0.005839 | PASS |
| N77-370<br>0-3980 | 30 | 90  | CP-16QAM | H | Outer_Full | NV | 0   | -26.754120 | -0.006799 | PASS |
| N77-370<br>0-3980 | 30 | 90  | CP-16QAM | H | Outer_Full | NV | 10  | -33.071484 | -0.008404 | PASS |
| N77-370<br>0-3980 | 30 | 90  | CP-16QAM | H | Outer_Full | NV | 20  | -34.848984 | -0.008856 | PASS |
| N77-370<br>0-3980 | 30 | 90  | CP-16QAM | H | Outer_Full | NV | 30  | -34.803612 | -0.008845 | PASS |
| N77-370<br>0-3980 | 30 | 90  | CP-16QAM | H | Outer_Full | NV | 40  | -33.205547 | -0.008439 | PASS |
| N77-370<br>0-3980 | 30 | 90  | CP-16QAM | H | Outer_Full | NV | 50  | -34.900852 | -0.008869 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | L | Outer_Full | NV | -30 | -38.376301 | -0.010234 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | L | Outer_Full | NV | -20 | -48.736328 | -0.012996 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | L | Outer_Full | NV | -10 | -27.403727 | -0.007308 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | L | Outer_Full | NV | 0   | -28.628435 | -0.007634 | PASS |
| N77-370           | 30 | 100 | CP-QPSK  | L | Outer_Full | NV | 10  | -23.510098 | -0.006269 | PASS |

|                   |    |     |          |   |            |    |     |            |           |      |
|-------------------|----|-----|----------|---|------------|----|-----|------------|-----------|------|
| 0-3980            |    |     |          |   |            |    |     |            |           |      |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | L | Outer_Full | NV | 20  | -30.625765 | -0.008167 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | L | Outer_Full | NV | 30  | -31.943750 | -0.008518 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | L | Outer_Full | NV | 40  | -26.823191 | -0.007153 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | L | Outer_Full | NV | 50  | -20.309504 | -0.005416 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | L | Outer_Full | NV | -30 | -30.531706 | -0.008142 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | L | Outer_Full | NV | -20 | -31.381145 | -0.008368 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | L | Outer_Full | NV | -10 | -25.655491 | -0.006841 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | L | Outer_Full | NV | 0   | -38.359192 | -0.010229 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | L | Outer_Full | NV | 10  | -31.327597 | -0.008354 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | L | Outer_Full | NV | 20  | -23.772270 | -0.006339 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | L | Outer_Full | NV | 30  | -13.699477 | -0.003653 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | L | Outer_Full | NV | 40  | -23.408884 | -0.006242 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | L | Outer_Full | NV | 50  | -29.146801 | -0.007772 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | M | Outer_Full | NV | -30 | -11.914350 | -0.003103 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | M | Outer_Full | NV | -20 | -28.680788 | -0.007469 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | M | Outer_Full | NV | -10 | -24.596987 | -0.006405 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | M | Outer_Full | NV | 0   | -14.710465 | -0.003831 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | M | Outer_Full | NV | 10  | -26.667068 | -0.006945 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | M | Outer_Full | NV | 20  | -29.920755 | -0.007792 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | M | Outer_Full | NV | 30  | -16.534853 | -0.004306 | PASS |
| N77-370           | 30 | 100 | CP-QPSK  | M | Outer_Full | NV | 40  | -15.101005 | -0.003933 | PASS |

|                   |    |     |          |   |            |    |     |            |           |      |
|-------------------|----|-----|----------|---|------------|----|-----|------------|-----------|------|
| 0-3980            |    |     |          |   |            |    |     |            |           |      |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | M | Outer_Full | NV | 50  | -24.349199 | -0.006341 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | M | Outer_Full | NV | -30 | -15.085492 | -0.003929 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | M | Outer_Full | NV | -20 | -16.255281 | -0.004233 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | M | Outer_Full | NV | -10 | -14.045918 | -0.003658 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | M | Outer_Full | NV | 0   | -26.755465 | -0.006968 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | M | Outer_Full | NV | 10  | -20.903793 | -0.005444 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | M | Outer_Full | NV | 20  | -12.287501 | -0.003200 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | M | Outer_Full | NV | 30  | -21.471239 | -0.005591 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | M | Outer_Full | NV | 40  | -29.369213 | -0.007648 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | M | Outer_Full | NV | 50  | -19.269026 | -0.005018 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | H | Outer_Full | NV | -30 | -36.402725 | -0.009263 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | H | Outer_Full | NV | -20 | -16.290972 | -0.004145 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | H | Outer_Full | NV | -10 | -29.901711 | -0.007609 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | H | Outer_Full | NV | 0   | -39.918896 | -0.010157 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | H | Outer_Full | NV | 10  | -30.218443 | -0.007689 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | H | Outer_Full | NV | 20  | -18.719568 | -0.004763 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | H | Outer_Full | NV | 30  | -22.605228 | -0.005752 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | H | Outer_Full | NV | 40  | -34.773140 | -0.008848 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-QPSK  | H | Outer_Full | NV | 50  | -31.775080 | -0.008085 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | H | Outer_Full | NV | -30 | -20.293312 | -0.005164 | PASS |
| N77-370           | 30 | 100 | CP-16QAM | H | Outer_Full | NV | -20 | -34.227886 | -0.008709 | PASS |

|                   |    |     |          |   |            |    |     |            |           |      |
|-------------------|----|-----|----------|---|------------|----|-----|------------|-----------|------|
| 0-3980            |    |     |          |   |            |    |     |            |           |      |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | H | Outer_Full | NV | -10 | -30.344429 | -0.007721 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | H | Outer_Full | NV | 0   | -45.198612 | -0.011501 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | H | Outer_Full | NV | 10  | -22.867594 | -0.005819 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | H | Outer_Full | NV | 20  | -31.605843 | -0.008042 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | H | Outer_Full | NV | 30  | -40.757217 | -0.010371 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | H | Outer_Full | NV | 40  | -47.752853 | -0.012151 | PASS |
| N77-370<br>0-3980 | 30 | 100 | CP-16QAM | H | Outer_Full | NV | 50  | -35.813988 | -0.009113 | PASS |