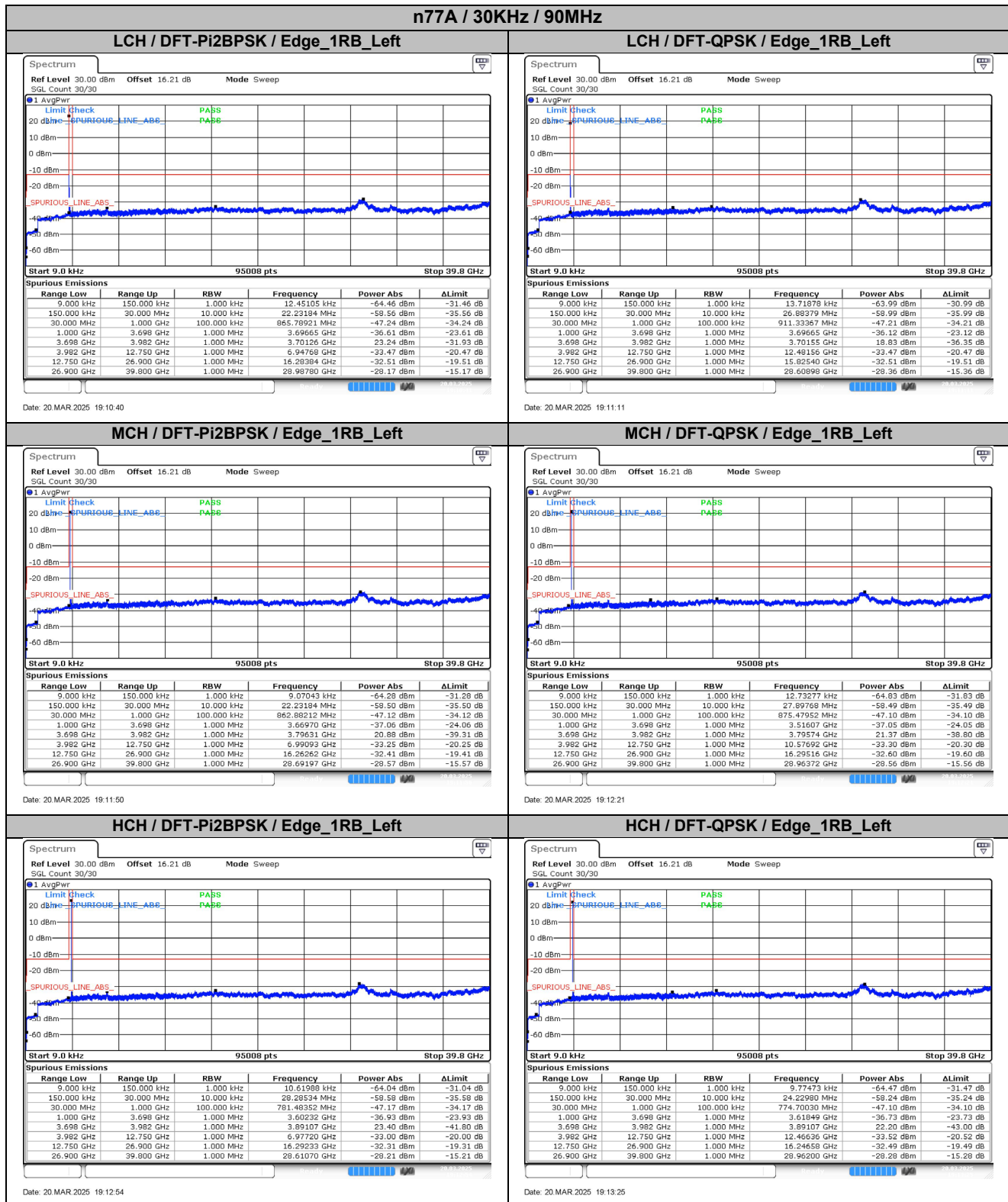
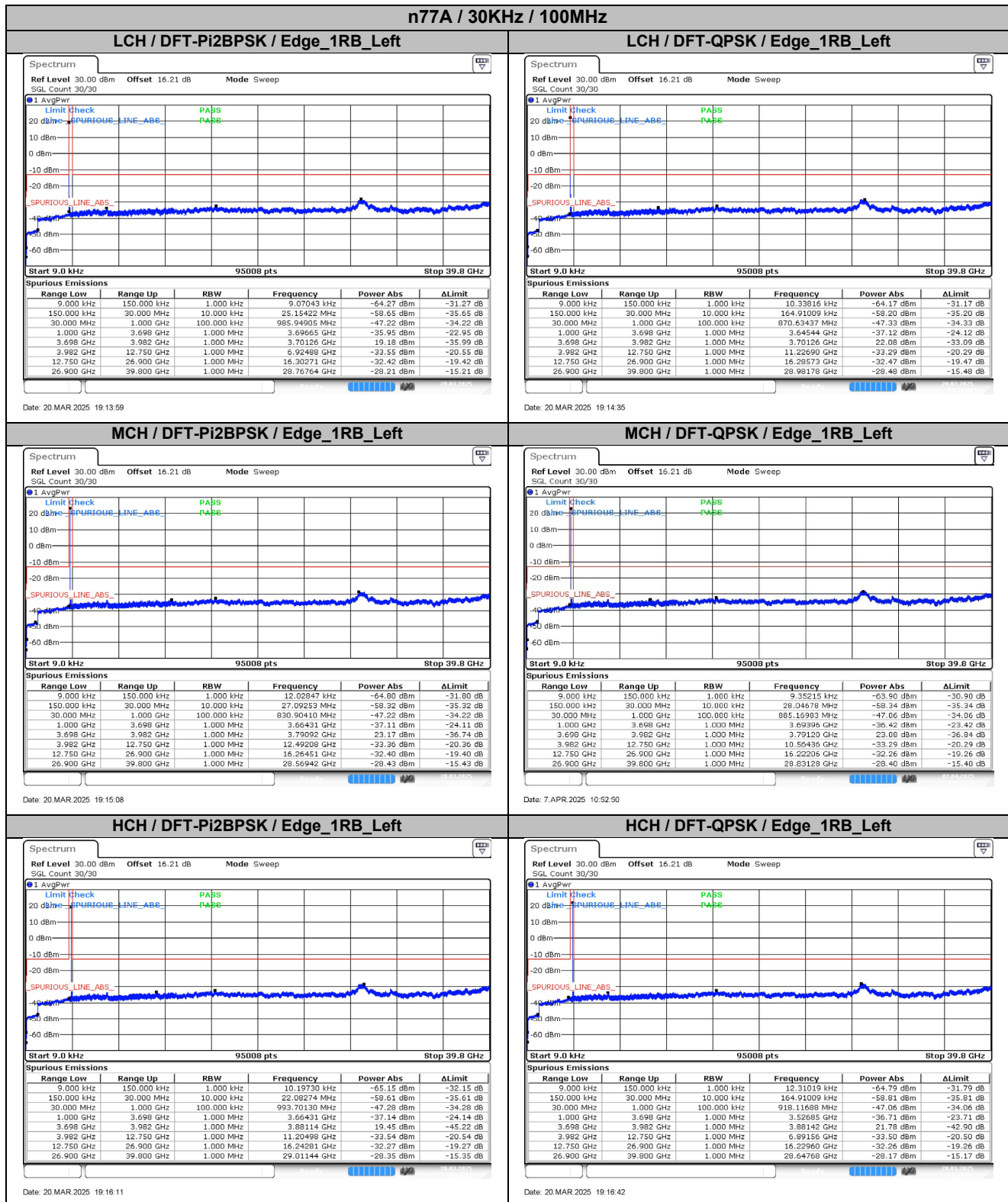






## 7. Frequency Stability

### 7.1. Test Results

#### 7.1.1. Frequency Error Vs Voltage

| SCS   | Bandwidth | Channel | RB Config  | Modulation | Temperature | Voltage | Deviation Result |           | Verdict |
|-------|-----------|---------|------------|------------|-------------|---------|------------------|-----------|---------|
|       |           |         |            |            |             |         | (Hz)             | (ppm)     |         |
| 30KHz | 100MHz    | MCH     | Outer_Full | DFT-QPSK   | NT          | LV      | -9.00            | -0.002344 | Pass    |
| 30KHz | 100MHz    | MCH     | Outer_Full | DFT-QPSK   | NT          | NV      | -4.30            | -0.001120 | Pass    |
| 30KHz | 100MHz    | MCH     | Outer_Full | DFT-QPSK   | NT          | HV      | -8.60            | -0.002240 | Pass    |

#### 7.1.2. Frequency Error Vs Temperature

| SCS   | Bandwidth | Channel | RB Config  | Modulation | Temperature | Voltage | Deviation Result |           | Verdict |
|-------|-----------|---------|------------|------------|-------------|---------|------------------|-----------|---------|
|       |           |         |            |            |             |         | (Hz)             | (ppm)     |         |
| 30KHz | 100MHz    | MCH     | Outer_Full | DFT-QPSK   | -30°C       | NV      | -4.50            | -0.001172 | Pass    |
| 30KHz | 100MHz    | MCH     | Outer_Full | DFT-QPSK   | -20°C       | NV      | -2.50            | -0.000651 | Pass    |
| 30KHz | 100MHz    | MCH     | Outer_Full | DFT-QPSK   | -10°C       | NV      | -5.60            | -0.001458 | Pass    |
| 30KHz | 100MHz    | MCH     | Outer_Full | DFT-QPSK   | 0°C         | NV      | -3.40            | -0.000885 | Pass    |
| 30KHz | 100MHz    | MCH     | Outer_Full | DFT-QPSK   | 10°C        | NV      | -11.70           | -0.003047 | Pass    |
| 30KHz | 100MHz    | MCH     | Outer_Full | DFT-QPSK   | 20°C        | NV      | -4.90            | -0.001276 | Pass    |
| 30KHz | 100MHz    | MCH     | Outer_Full | DFT-QPSK   | 30°C        | NV      | -7.30            | -0.001901 | Pass    |
| 30KHz | 100MHz    | MCH     | Outer_Full | DFT-QPSK   | 40°C        | NV      | -5.80            | -0.001510 | Pass    |
| 30KHz | 100MHz    | MCH     | Outer_Full | DFT-QPSK   | 50°C        | NV      | -7.60            | -0.001979 | Pass    |

The End