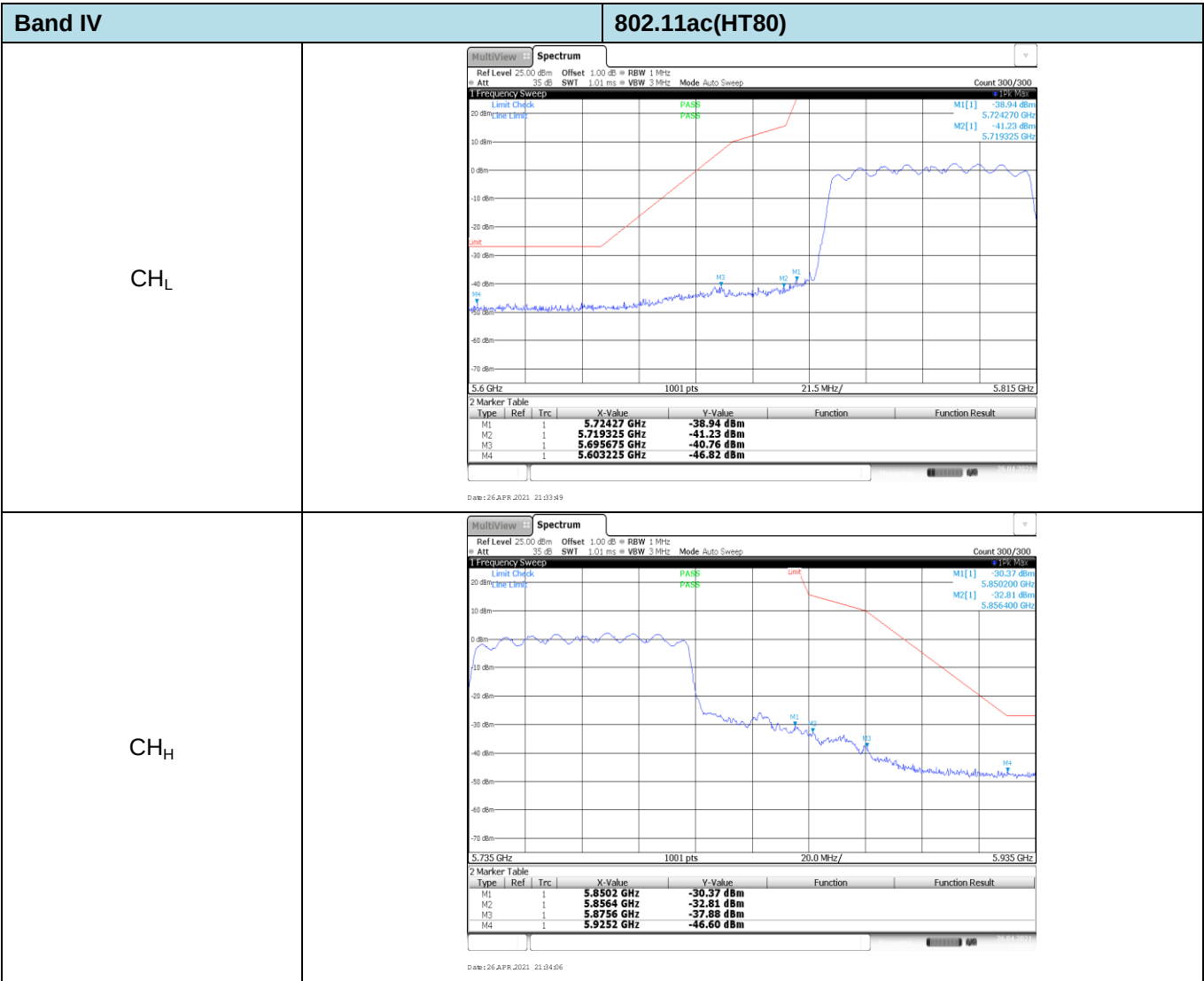




**Appendix G: Frequency stability****Voltage VS Frequency stability**

| Band: I          |                |                          | Test Frequency: 5180.00MHz |        |
|------------------|----------------|--------------------------|----------------------------|--------|
| Temperature (°C) | Voltage (V)    | Frequency Deviation (Hz) | Frequency Deviation (ppm)  | Result |
| T <sub>N</sub>   | V <sub>L</sub> | -36000.00                | -6.94981                   | PASS   |
| T <sub>N</sub>   | V <sub>N</sub> | -35000.00                | -6.75676                   | PASS   |
| T <sub>N</sub>   | V <sub>H</sub> | -36000.00                | -6.94981                   | PASS   |

| Band: II         |                |                          | Test Frequency: 5260.00MHz |        |
|------------------|----------------|--------------------------|----------------------------|--------|
| Temperature (°C) | Voltage (V)    | Frequency Deviation (Hz) | Frequency Deviation (ppm)  | Result |
| T <sub>N</sub>   | V <sub>L</sub> | -38000.00                | -7.22434                   | PASS   |
| T <sub>N</sub>   | V <sub>N</sub> | -38000.00                | -7.22434                   | PASS   |
| T <sub>N</sub>   | V <sub>H</sub> | -38000.00                | -7.22434                   | PASS   |

| Band: III        |                |                          | Test Frequency: 5500.00MHz |        |
|------------------|----------------|--------------------------|----------------------------|--------|
| Temperature (°C) | Voltage (V)    | Frequency Deviation (Hz) | Frequency Deviation (ppm)  | Result |
| T <sub>N</sub>   | V <sub>L</sub> | -40000.00                | -7.27273                   | PASS   |
| T <sub>N</sub>   | V <sub>N</sub> | -39000.00                | -7.09091                   | PASS   |
| T <sub>N</sub>   | V <sub>H</sub> | -40000.00                | -7.27273                   | PASS   |

| Band: IV         |                |                          | Test Frequency: 5745.00MHz |        |
|------------------|----------------|--------------------------|----------------------------|--------|
| Temperature (°C) | Voltage (V)    | Frequency Deviation (Hz) | Frequency Deviation (ppm)  | Result |
| T <sub>N</sub>   | V <sub>L</sub> | -42000.00                | -7.31071                   | PASS   |
| T <sub>N</sub>   | V <sub>N</sub> | -41000.00                | -7.13664                   | PASS   |
| T <sub>N</sub>   | V <sub>H</sub> | -43000.00                | -7.48477                   | PASS   |

**Temperature VS Frequency stability**

| Band: I        |                  |                          | Test Frequency: 5180.00MHz |        |
|----------------|------------------|--------------------------|----------------------------|--------|
| Voltage (V)    | Temperature (°C) | Frequency Deviation (Hz) | Frequency Deviation (ppm)  | Result |
| V <sub>N</sub> | -20              | -36000.00                | -6.94981                   | PASS   |
| V <sub>N</sub> | -10              | -36000.00                | -6.94981                   | PASS   |
| V <sub>N</sub> | 0                | -36000.00                | -6.94981                   | PASS   |
| V <sub>N</sub> | 10               | -36000.00                | -6.94981                   | PASS   |
| V <sub>N</sub> | 20               | -36000.00                | -6.94981                   | PASS   |
| V <sub>N</sub> | 30               | -37000.00                | -7.14286                   | PASS   |
| V <sub>N</sub> | 40               | -36000.00                | -6.94981                   | PASS   |
| V <sub>N</sub> | 50               | -37000.00                | -7.14286                   | PASS   |

| Band: II       |                  |                          | Test Frequency: 5260.00MHz |        |
|----------------|------------------|--------------------------|----------------------------|--------|
| Voltage (V)    | Temperature (°C) | Frequency Deviation (Hz) | Frequency Deviation (ppm)  | Result |
| V <sub>N</sub> | -20              | -38000.00                | -7.22434                   | PASS   |
| V <sub>N</sub> | -10              | -38000.00                | -7.22434                   | PASS   |
| V <sub>N</sub> | 0                | -38000.00                | -7.22434                   | PASS   |
| V <sub>N</sub> | 10               | -38000.00                | -7.22434                   | PASS   |
| V <sub>N</sub> | 20               | -38000.00                | -7.22434                   | PASS   |
| V <sub>N</sub> | 30               | -38000.00                | -7.22434                   | PASS   |
| V <sub>N</sub> | 40               | -38000.00                | -7.22434                   | PASS   |
| V <sub>N</sub> | 50               | -38000.00                | -7.22434                   | PASS   |

| Band: III      |                  |                          | Test Frequency: 5500.00MHz |        |
|----------------|------------------|--------------------------|----------------------------|--------|
| Voltage (V)    | Temperature (°C) | Frequency Deviation (Hz) | Frequency Deviation (ppm)  | Result |
| V <sub>N</sub> | -20              | -41000.00                | -7.45455                   | PASS   |
| V <sub>N</sub> | -10              | -41000.00                | -7.45455                   | PASS   |
| V <sub>N</sub> | 0                | -41000.00                | -7.45455                   | PASS   |
| V <sub>N</sub> | 10               | -41000.00                | -7.45455                   | PASS   |
| V <sub>N</sub> | 20               | -41000.00                | -7.45455                   | PASS   |
| V <sub>N</sub> | 30               | -41000.00                | -7.45455                   | PASS   |
| V <sub>N</sub> | 40               | -41000.00                | -7.45455                   | PASS   |
| V <sub>N</sub> | 50               | -41000.00                | -7.45455                   | PASS   |

| Band: IV       |                  |                          | Test Frequency: 5745.00MHz |        |
|----------------|------------------|--------------------------|----------------------------|--------|
| Voltage (V)    | Temperature (°C) | Frequency Deviation (Hz) | Frequency Deviation (ppm)  | Result |
| V <sub>N</sub> | -20              | -44000.00                | -7.65883                   | PASS   |
| V <sub>N</sub> | -10              | -44000.00                | -7.65883                   | PASS   |
| V <sub>N</sub> | 0                | -44000.00                | -7.65883                   | PASS   |
| V <sub>N</sub> | 10               | -44000.00                | -7.65883                   | PASS   |
| V <sub>N</sub> | 20               | -44000.00                | -7.65883                   | PASS   |
| V <sub>N</sub> | 30               | -44000.00                | -7.65883                   | PASS   |
| V <sub>N</sub> | 40               | -44000.00                | -7.65883                   | PASS   |
| V <sub>N</sub> | 50               | -45000.00                | -7.83290                   | PASS   |

-----End of Report-----