





























A.5 FREQUENCY STABILITY

| | | | |
|--------------|-------------------------------|------------|-------------|
| Test Date | 2022/07/20 | Temp./Hum. | 26°C/52~57% |
| Test Voltage | AC 120V 60Hz (Via AC Adapter) | Tested By | Kuper Hsu |

A.5.1 Frequency stability Result

| Temperature (°C) | Voltage (Vac) | Centre Frequency (MHz) | Measurement Value (MHz) | Frequency Stability (ppm) |
|------------------|---------------|------------------------|-------------------------|---------------------------|
| 25 | 120 | 5180 | 5180.023 | 4.440 |
| -30 | 102 | | 5180.029 | 5.598 |
| | 138 | | 5180.024 | 4.633 |
| -20 | 102 | | 5180.007 | 1.351 |
| | 138 | | 5180.014 | 2.703 |
| -10 | 102 | | 5180.027 | 5.212 |
| | 138 | | 5179.989 | -2.124 |
| 0 | 102 | | 5179.97 | -5.792 |
| | 138 | | 5179.978 | -4.247 |
| 10 | 102 | | 5179.976 | -4.633 |
| | 138 | | 5180.018 | 3.475 |
| 20 | 102 | | 5179.979 | -4.054 |
| | 138 | | 5179.986 | -2.703 |
| 30 | 102 | | 5180.008 | 1.544 |
| | 138 | | 5180.011 | 2.124 |
| 40 | 102 | | 5179.998 | -0.386 |
| | 138 | | 5179.994 | -1.158 |
| 50 | 102 | | 5179.995 | -0.965 |
| | 138 | | 5180.016 | 3.089 |