

Exhibit M:

L5X-PMP-04-280

Measured Frequency Stability

This Exhibit provides a response to Section 2.1055, based on the requirements specified in Section 101.107.

(a) The frequency stability shall be measured with variation of ambient temperature as follows:

(1) From -30 degrees to +50 degrees centigrade...

P-COM Test Results for the Remote Outdoor Unit Frequency Stability

Purpose: Long-term frequency stability of the Remote ODU is compliant to product specifications at room and elevated temperatures. This test is conducted at RF.

Pass Criteria: Based on measurements every 15 minutes over a 45 minute period, the frequency deviation shall be within ± 1 ppm.

Test Environment: **P-COM Engineering Laboratory.**

Equipment: **One Sector Terminal, Frequency Counter (HP 53152A), Environmental Chamber.**

Remote Outdoor Unit Tests Results

Test Frequency: 27,925 MHz

Test Time	Temperature	Measured Frequency
0 min.	Room Temp	27,925,013,210
15 min.		27,925,013,250
30 min.		27,925,013,800
45 min.		27,925,014,180
0 min.	-30°C	27,925,013,800
15 min.		27,925,014,130
30 min.		27,925,014,250
45 min.		27,925,013,220
0 min.	50°C	27,925,014,150
15 min.		27,925,014,080
30 min.		27,925,014,140
45 min.		27,925,013,770

- ❑ Measured frequency deviation from Test Freq. at -30°C: + 14.25 KHz
- ❑ Measured frequency deviation from Test Freq. at +0°C: + 14.18 KHz
- ❑ Measured frequency deviation from Test Freq. at +50°C: + 14.15 KHz
- ❑ Measured frequency drift across full temperature range): + 1.04 KHz

Test Setup Diagram

Frequency Stability – Remote Outdoor Unit

