

Exhibit M:

L5X-PMP-04-240

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: 24.255 GHz

Test Time	Temperature	Measured Frequency (GHz)
0 min.	Room Temp	24.25501014
15 min.		24.25501014
30 min.		24.25501014
45 min.		24.25501014
0 min.	-30°C	24.25501014
15 min.		24.25501014
30 min.		24.25501014
45 min.		24.25501014
0 min.	50°C	24.25501014
15 min.		24.25501014
30 min.		24.25501014
45 min.		24.25501014

- ❑ Measured frequency deviation from Test Freq. at -30°C: + 1.014 KHz
- ❑ Measured frequency deviation from Test Freq. at Room Temp: + 1.014 KHz
- ❑ Measured frequency deviation from Test Freq. at +50°C: + 1.014 KHz
- ❑ Measured frequency drift across full temperature range): + 0.0 KHz

Test Setup Diagram

Frequency Stability – Remote Outdoor Unit

