

Exhibit H:

L5X-PMP-01-240

Measured RF Output Power

This Exhibit provides a response to Section 2.1046 (a), based on the transmitter power limitations of Section 101.113.

Transmitter Power Limitations:

<u>Frequency</u>	<u>Max Allowable EIRP</u>
24.250 GHz to 25.250 GHz	+55 dBW

Each Sector antenna has an elevation beamwidth of six degrees and an azimuth beamwidth of up to 90 degrees. The antennas with the 90 degree beamwidths provide a Peak gain of 17.7 dBi as specified by the vendor.

The power amplifiers in the 24 GHz band Outdoor Units have a P1dB of +26 dBm at the antenna interface. This system requires a minimum of 3 dB of back off to operate. With this backoff included, the maximum EIRP of this system will be (17.7 dBi + 23 dBm) or 40.7 dBm. This equates to Maximum EIRP of 10.7 dBW.

The antennas are discussed in more detail in Exhibit N.

The above calculations indicate that the equipment will not exceed the maximum EIRP limitation of +55 dBW at any time.