

Exhibit E:

L5X-PMP-01-280

Maximum Operational Power Levels per FCC Rules

This Exhibit provides a response to Section 2.1033 (c) (7), based on the transmitter power limitations of Section 101.113.

The transmit power level limitation at 27.500 GHz to 28.350 GHz is +55 dBW

Each hub antenna has an elevation beamwidth of six degrees and an azimuth beamwidth of 90 degrees. The antennas with these beamwidths provide a Peak gain of 17.7 dBi as specified by the vendor. This gain applies to both frequency bands.

The power amplifiers in the 28 GHz band RF Unit have a P1dB of +24 dBm at the antenna interface. With no backoff the maximum EIRP of this system will be $(17.7 + 24)$ or 41.7 dBm. In practice, this equipment will operate with a minimum backoff of 3 dB that will provide a peak EIRP of 38.7 dBm or 8.7 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.