



Intrusion Detection Systems

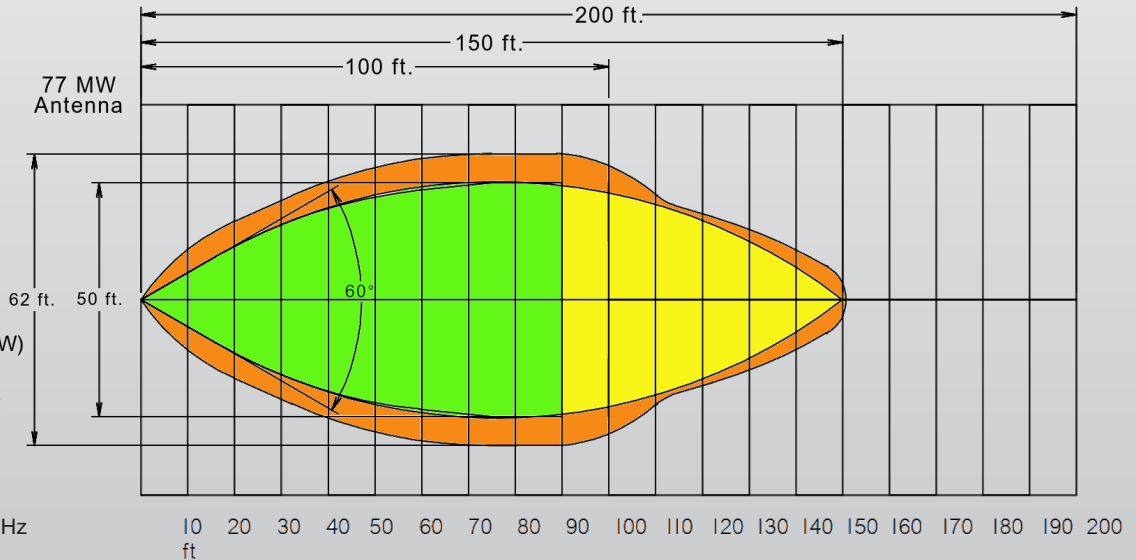
# PIRAMID Microwave Patterns

## 77 ANTENNA

### Narrow Angle Antenna

- 60 degree Horizontal
- 60 degree Vertical
- Specified FOV 90 ft. x 50 ft.\*  
*\*Highlighted in Green*
- MW FOV can extend 130+ ft.

- MW Transmission: Continuous Wave (CW)
- RF Power Density: 120uW/cm<sup>2</sup> max. at the face of the unit
- Transmitter Power: < 5mW at the face
- Emission Designator: 0M00N0N
- Frequency Bands: 10.525 GHz USA; International 10.587 GHz/ 9.90 GHz/ 9.47 GHz
- FCC acceptance id: BIH9CP SDI-77



Highlighted areas:  
Green: specified coverage with typical IR, Yellow: fully extended microwave beam, Orange: coverage varies

Notes: The Range setting does not alter the microwave pattern, only the detection of objects in the pattern. Large moving objects outside the set range may still be detected. The sensor should be angled downward to terminate the protection pattern into the ground to prevent sensing large background objects. For the actual protection pattern, the sensor needs to be walk tested.

## 76 ANTENNA

### Wide Angle Antenna

- 90 degree Horizontal
- 60 degree Vertical
- Specified FOV 50 ft. x 50 ft.\*  
*\*Highlighted in Green*

- MW Transmission: Continuous Wave (CW)
- RF Power Density: 120uW/cm<sup>2</sup> max. at the face of the unit
- Transmitter Power: < 5mW at the face
- Emission Designator: 0M00N0N
- Frequency Bands: 10.525 GHz USA; International 10.587 GHz/ 9.90 GHz/ 9.47 GHz
- FCC acceptance id: BIH9CP SDI-76

