

PIRAMID Microwave Patterns

77 ANTENNA

Narrow Angle Antenna

60 degree Horizontal

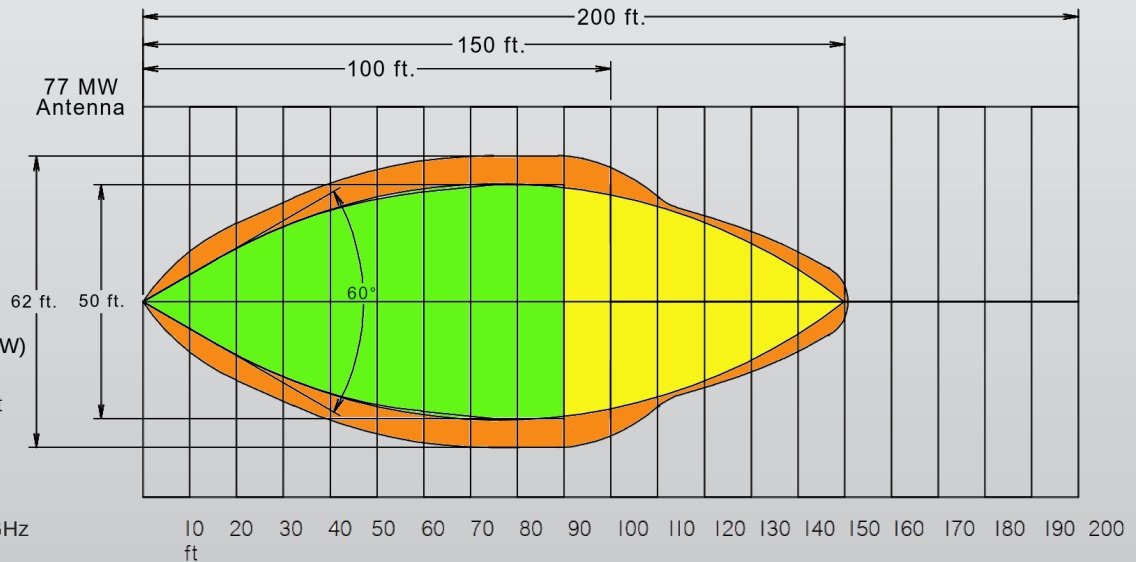
60 degree Vertical

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/cm² 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

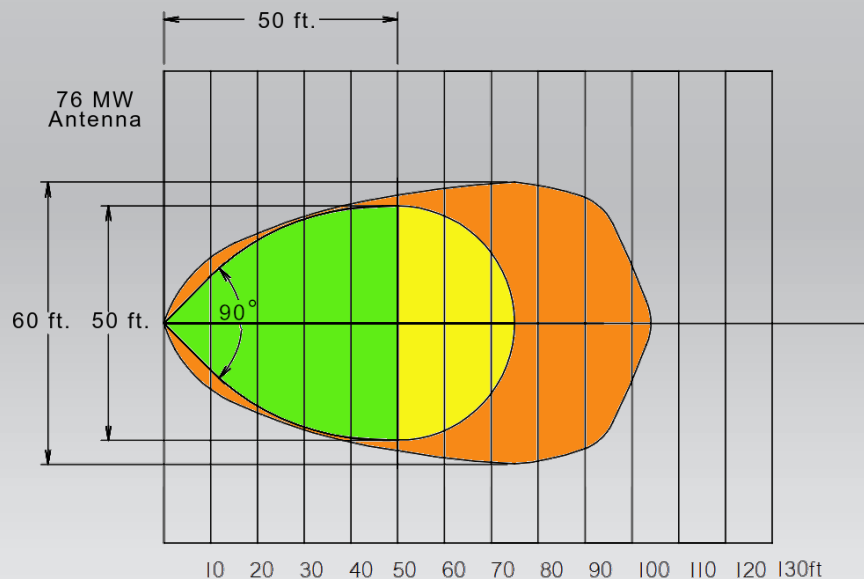
90 degree Horizontal

60 degree Vertical

Specified FOV 50 ft. x 50 ft.*

*Highlighted in Green

MW Transmission: Continuous Wave (CW)
RF Power Density: 120uW/cm² 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



For the purpose of continuously improving the quality and performance of its products, Protech reserves the right to change the above specifications without notice.

microwave
technology