

5.0 RECOMMENDED ANTENNA SPECIFICATIONS

Tower

Type = Self Support

Height = 34 meters

Width at Feed Height = 3 meters

Feed Height = 2 meters

Insulator Breakdown Voltage = 44 kV including safety factor

Finish = Hot-dip Galvanized

6 Element Top Loading

Separation = 60°

Length = 24 meters

Insulator Breakdown Voltage = 44 kV including safety factor

Ground Radials

Number = 120

Separation = 3°

Length = 34 meters

Wire Type = #8AWG Solid Copper

Depth = 10 to 15 centimeters