

EQUIPMENT DESCRIPTION

Transmitter: Berkeley Varitronics “Tortoise”
Antenna: Hyperlink HG 3511U-PRO
Modulation schemes: Non-modulated, continuous wave transmission
Station modulation rates: n/a
Peak Power: 47 dBm
Method: An 11 dBi gain omni-directional antenna will be mounted on the lift arm of a standard bucket truck and raised to 6m AGL at each transmit test location, while a vehicle drives a calibrated receiver throughout the coverage area to validate expected RF propagation of the band.

In nearly all cases, surrounding buildings, trees and street furniture will be taller than the highest point of the antenna.



Tx Antenna : 3.5 GHz Omni

Electrical Specifications	
Frequency	3400-3700 MHz
Gain	11 dBi
Polarization	Vertical
Down tilt	0°
Vertical Beam Width	9°
Horizontal Beam Width	360°
Impedance	50 Ohm
Max. Input Power	150 Watts
VSWR	< 1.6:1 avg.