

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



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.