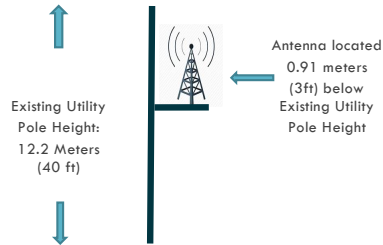


Auburndale TECO Trail

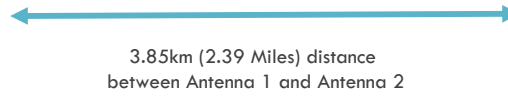
Antenna Location 1



Cambium Networks Equipment:
 2LTE-ANT-90
 2LTE-RRH-220
 LTE-BBU-800
 11.28 meters (37ft) Antenna Height
 2 Watts
 90 degree
 (Width of beam at the half power point)
 180-degree Azimuth
 10-degree Tilt

Coordinates:
 North Latitude (DD-MM-SS):
 28° 8' 15"
 West Longitude (DDD-MM-SS):
 81° 49' 29"

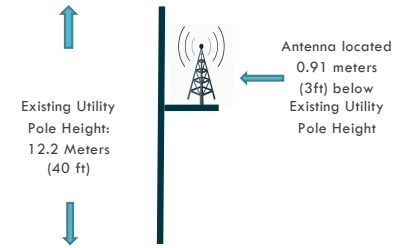
Address:
 Auburndale TECO Trail
 318 Denton Avenue,
 Auburndale, FL 33823



Ground Elevation at both locations:
 49 Meters

FAA Sketch Note: Utility Pole Height has not been increased by antenna.

Antenna Location 2



Cambium Networks Equipment:
 2LTE-SM-201
 11.28 meters (37ft) Antenna Height
 2 Watts
 18 degree
 (Width of beam at the half power point)
 0-degree Azimuth
 10-degree tilt

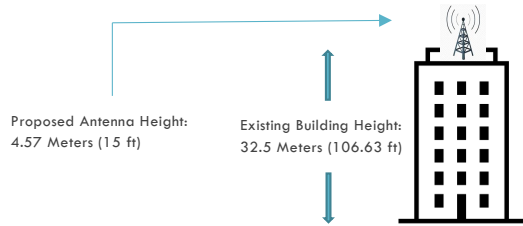
Coordinates:
 North Latitude (DD-MM-SS):
 28° 6' 13"
 West Longitude (DDD-MM-SS):
 81° 49' 23"

Address:
 Auburndale TECO Trail
 318 Denton Avenue,
 Auburndale, FL 33823

NOTE: connectivity shown between the nodes is only a sample representation



Antenna Location 3



Ground Elevation:
59.5 Meters

Cambium Networks Equipment:
 2LTE-ANT-90
 2LTE-RRH-220
 LTE-BBU-800
 37.1 meters antenna height
 2 Watts
 90 degree
 (Width of beam at the half power point)
 220-degree Azimuth
 10-degree Tilt

Coordinates:

North Latitude (DD-MM-SS):
 28° 2' 19"
West Longitude (DDD-MM-SS):
 81° 57' 24"

Address:
 500 South Florida Avenue
 Lakeland, FL 33801

Lakeland



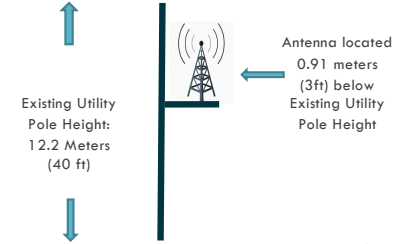
1.47km (0.913 Miles) distance
 between Antenna 3 and Antenna 4

FAA Sketch Notes:

For the building-mounted antenna (Antenna #3), we have added about 4.57 Meters in height to the building. The building has no Aviation Obstruction Lighting (AOL) presumably due to the building location being in a downtown area where there are taller buildings nearby that do have AOL.

Utility Pole Height (Antenna #4 on right side) has not been increased by antenna.

Antenna Location 4



Ground Elevation:
50 Meters

Cambium Networks Equipment:
 2LTE-SM-201
 11.28 meters (37ft) Antenna Height
 2 Watts
 18 degree
 (Width of beam at the half power point)
 40-degree Azimuth
 10-degree tilt

Coordinates:

North Latitude (DD-MM-SS):
 28° 1' 45"
West Longitude (DDD-MM-SS):
 81° 57' 59"

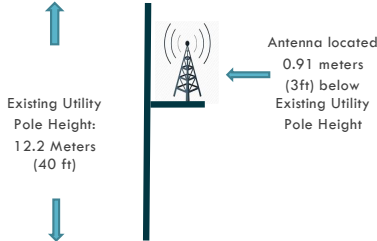
Address:
 95 Lake Hunter Drive
 Lakeland, FL 33803

NOTE: connectivity shown between the nodes is only a sample representation



Polk City

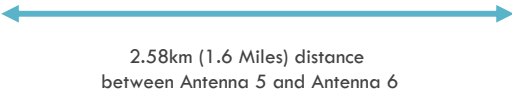
Antenna Location 5



Cambium Networks Equipment:
 2LTE-ANT-90
 2LTE-RRH-220
 LTE-BBU-800
 11.28 meters (37ft) Antenna Height
 2 Watts
 90 degree
 (Width of beam at the half power point)
 180-degree Azimuth
 10-degree Tilt

Coordinates:
 North Latitude (DD-MM-SS):
 28° 13' 59"
 West Longitude (DDD-MM-SS):
 81° 45' 24"

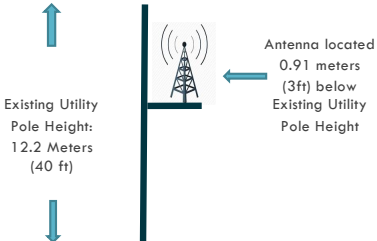
Address:
 12852 Old Grade Rd.
 Polk City, FL 33868



Ground Elevation at both locations:
 42 Meters

FAA Sketch Note: Utility Pole Height has not been increased by antenna.

Antenna Location 6



Cambium Networks Equipment:
 2LTE-SM-201
 11.28 meters (37ft) Antenna Height
 2 Watts
 18 degree
 (Width of beam at the half power point)
 0-degree Azimuth
 10-degree tilt

Coordinates:
 North Latitude (DD-MM-SS):
 28° 12' 33"
 West Longitude (DDD-MM-SS):
 81° 45' 24"

Address:
 11530 Co Rd 557
 Polk City, FL 33868

NOTE: connectivity shown between the nodes is only a sample representation



FCC – WTI Mission

Reason for Application / Testing Explanation:

WTI has a mission of providing enhanced broadband services in 2.5 GHz band to Tribal nations using Cambium eNB and WTI Osmosis Access Points. WTI will be deploying 2.5 GHz Cambium eNBs as a backhaul for fixed wireless. WTI respectfully requests a Special Temporary Authority to operate this equipment in the band of 2506-2680 MHz

