



Tower Survey Report

Disclaimer: Network carriers are constantly constructing and modifying towers to accommodate new services, frequencies and bands. Every effort has been taken to ensure the information contained within this report is current and accurate.

Customer Summary

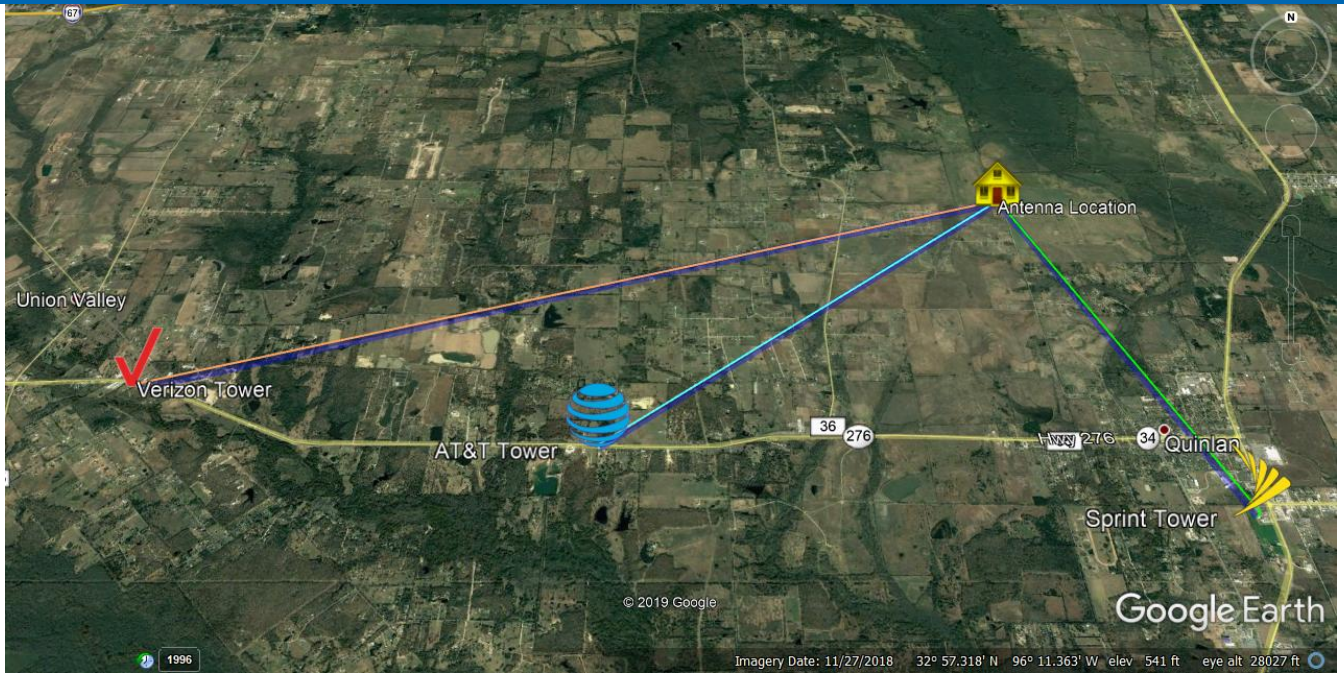
Date of Survey: January 22, 2020	Latitude: 32.942287
Customer Name: John Harris	Longitude: -96.144987
Street Address: 8679 Mattie Rd	City/State: Quinlan, TX 75474
Elevation (ASL): 496 feet	Antenna Height: 30 feet

Tower Summary

	Tower One	Tower Two	Tower Three
Carrier:	Sprint	Verizon	AT&T
Distance:	2.92 mi	5.9 mi	3.61 mi
Heading:	162.56	252.18	230.58
Latitude:	32.90220604672388	32.916103100303424	32.90923616934112
Longitude:	-96.12960917250564	-96.24134099893547	-96.19256866814919
Elevation:	510 ft	510 ft	520 ft
Tower Height:	250 ft	190 ft	190 ft
Line of Sight:	YES	YES	YES
Obstruction Type:	NA	NA	NA

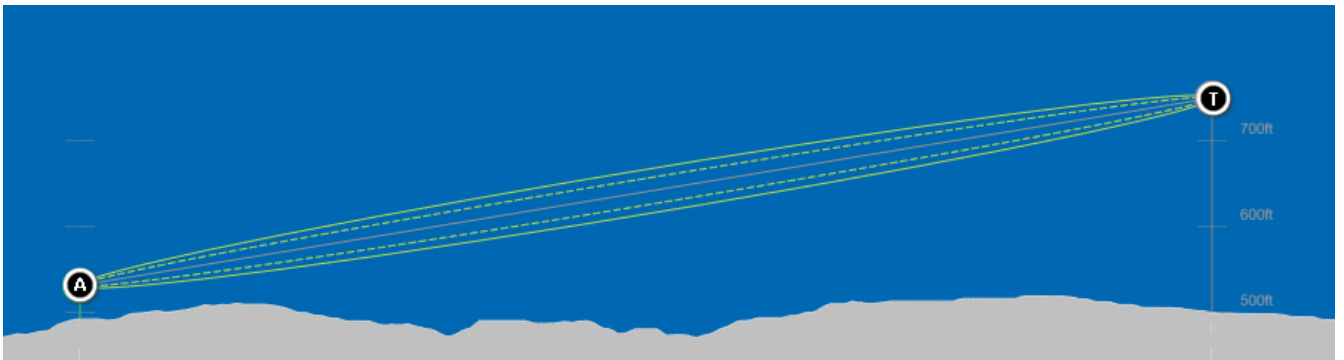
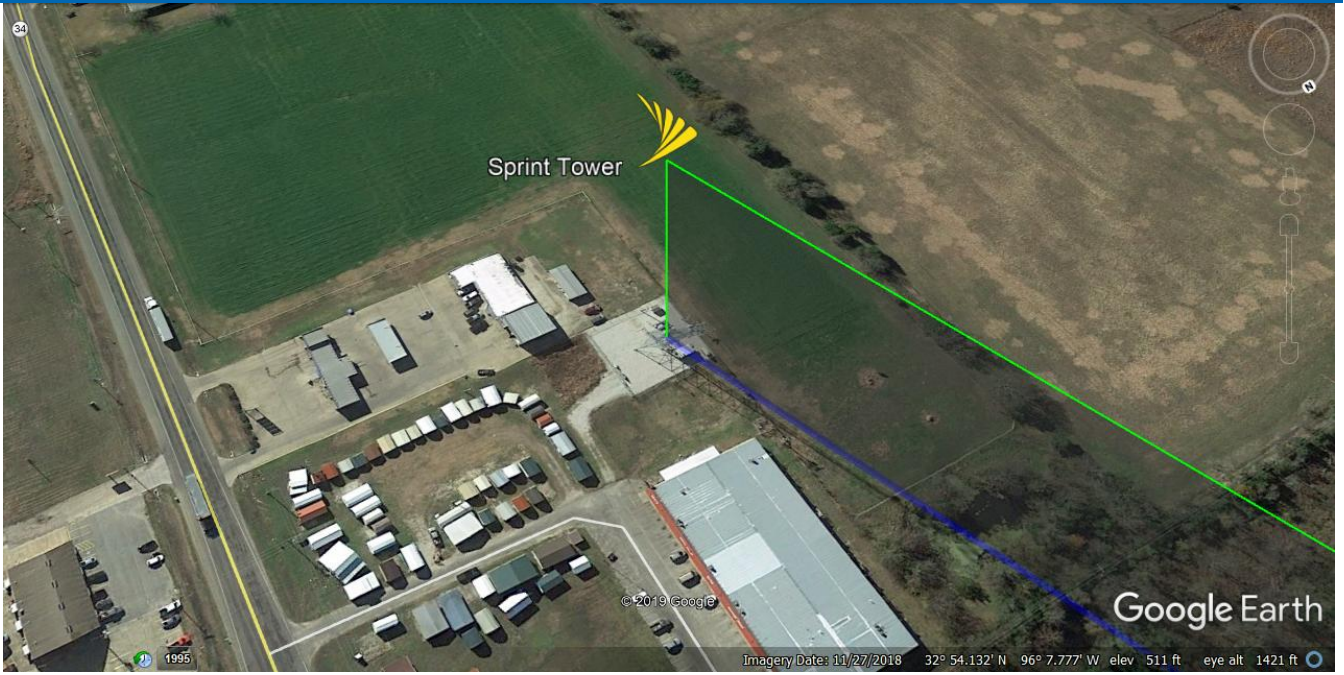
Please see additional information below.

Full View



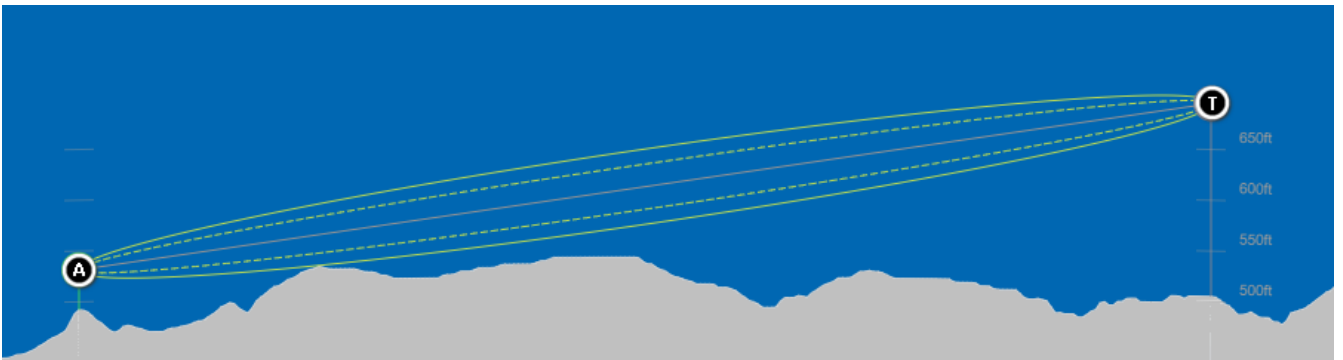
NOTES: NA

Tower One



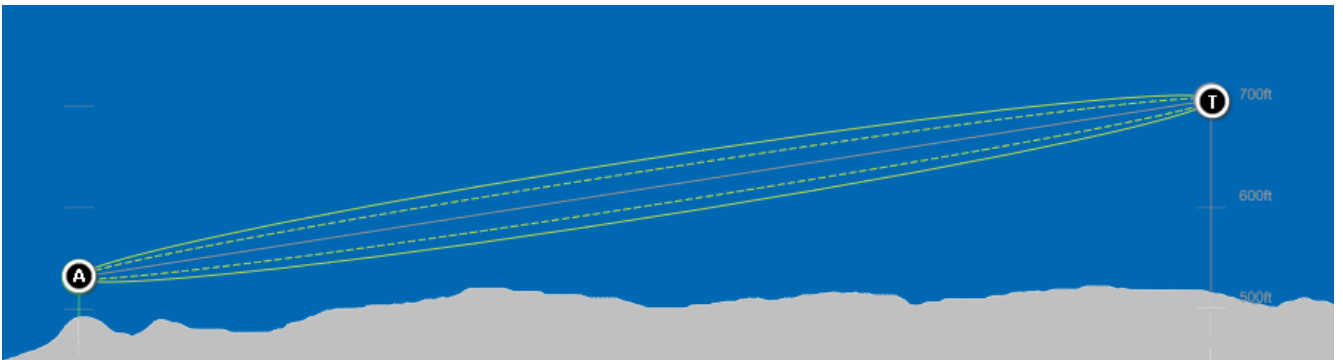
NOTES: NA

Tower Two



NOTES: NA

Tower Three



NOTES: NA

Additional Information

Magnetic North

The majority of compasses do not point to the North Pole. They point in the direction of magnetic North, a spot in the Arctic that is near to (but not the same as) the North Pole.

This Survey Report is prepared using Magnetic North headings which may, in certain locations, require factoring in a magnetic variance. This will help assure its accuracy when the headings are used to aim directional antennas.

Read more and obtain your location [here](#).

Learn more about [true north](#).

Line of Sight

When the Survey Report is prepared, the path between the customer's location and cellular tower is visually examined by the preparer. The path is determined by the height of the customer's antenna and the height of the cellular tower.

The actual location that a carrier's antenna is installed on a tower--in relation to the overall height of the tower--can impact a path's elevation over obstacles. This may be further compounded when more than one carrier's antenna is installed on a single tower.

When a report indicates an obstacle in the path, a brief explanation of the obstacle is provided. Knowing the type of obstacle will better assist in selecting an appropriate antenna system.

Please use the contact [form](#) at LTE FIX for antenna recommendations.