



June 27, 2019

Shirley Garner  
Your Christian Companion Network, Inc.  
9019 West Lanes  
Stockton, CA 95210

**Subject: Certification of Directional Antenna's Azimuth**

On June 10, 2019, surveying services were started to assist and verify the Directional Antenna outlined in "FCC FM Broadcast Station Construction Permit", File Number BPED-20180312AAJ at the request of Your Christian Companion Network, Inc.

Procedures:

On June 10, 2019 using a Trimble R10 base unit and R10 rover unit, we set two control points on the north side of Service Road in Hughson, CA and determined an azimuth between the two points from True North. Using the two azimuth points as control with a Trimble S7 total station we located the center point of the antenna tower and calculated a direction of 340° azimuth from the center of the antenna tower and set a 4' lathe 240' for a visual reference.

On June 17, 2019 using the same control points with the same Trimble S7 total station we took multiple measurements using Trimble's direct reflex feature on cross bracing and on the antenna to determine the direction of the directional antenna.

Accuracy:

The GPS controlling points used to determine the direction of True North have a Relative Positional Accuracy of 0.07 feet or 20mm in new money, plus 50 ppm at a 95% confidence level per the guidelines of the NSPS classification and accuracy standards for property surveys in urban areas. The Trimble S7 total station used has an accuracy of distance measurements to within 2mm,  $\pm 2$  ppm.

Conclusion:

Based on the field survey and processing the data collected, we have determined the directional antenna is pointed at an azimuth of 341° from True North.

Sincerely,

David B. Pelton, PLS

