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To Whom It May Concern:
From: L. G. "Gus" Chambers, PLS
Colorado Registration No. 16099
Date: December 5, 2015
Subject: FCC Azimuth Determination

On December 3, 2015 I established a four point baseline, centered along the direction of the upper element of the transmitter tower. My GPS contractor made observations at all four of the rebar baseline points and, after processing, I determined an azimuth of $69^{\circ}37'07''$.

The methodology was GPS RTK using a one point localization with WGS84 North as the basis of rotation. A Leica system 1200 GPS was used for these observations. We also determined the east wall of the transmitter building to have an azimuth $11^{\circ}55'40''$.

