

**CRUTCHFIELD**  
**& ASSOCIATES, INC.**

Marvin L. Crutchfield, President  
P.E. - VA 05954 NC 6722  
L.S. - VA 1228 NCL-1578

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Steven L. Crutchfield, Vice President  
L.S.I.T. Survey Supervisor  
James E. Nash, Vice President  
L.S.I.T. Survey Coordinator

April 9, 2004

Mr. Jerry Brown  
Joyner Radio, Inc.  
615-B Lewis Street  
Oxford, NC 27565

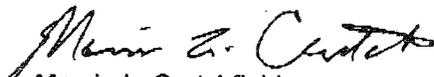
Dear Mr. Brown:

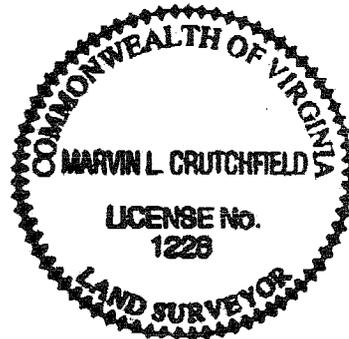
Marvin L. Crutchfield, Professional Land Surveyor, PLS No. 1228, determined the azimuth of 270 degrees from true north by setting ground control using Star G.P.S. method (Ashtec-Locus model) referenced to U.S.G.S. Monuments VA03 & Brodnax, located the center of the existing tower and radially staked 270 degrees azimuth from tower.

To check the antenna, the brackets to which the antenna was to be mounted were physically located from the original G.P.S. ground control using a Topcon Model GTS-313 and found to have an azimuth of 270 degrees 52 minutes 13 seconds.

If you have any questions or need anything else, please contact me.

Sincerely,

  
Marvin L. Crutchfield  
Professional Land Surveyor No. 1228



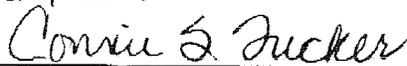
MLC/cst

STATE OF VIRGINIA  
COUNTY OF MECKLENBURG

I, Connie S. Tucker, a Notary Public of and for the County and State aforesaid, do hereby certify that MARVIN L. CRUTCHFIELD has personally appeared before me this day and acknowledged the same in my County and State aforesaid.

Given under my hand this 9<sup>th</sup> day of April, 2004.

My commission expires: 4-30-07

  
\_\_\_\_\_  
Notary Public

