



**Antennas • Filters**

**Kathrein Inc., Scala Division**

P.O. Box 4580

Medford, OR 97501 USA

Phone: 541-779-6500

Fax: 541-779-6575

mail@kathrein.com

www.kathrein-scala.com

October 22, 2014

Mr. Jeff Reynolds, Consultant  
Flinn Broadcasting Corporation  
6080 Mt. Moriah Ext  
Memphis, TN 38115  
Email: jeff@dlr.com

Dear Mr. Reynolds,

**Ref: BPFT-20140826ACL  
W276BH Memphis, TN**

Thank you for the brief describing the proposed construction of translator antenna system W276BH on the same structure as an existing directional antenna system for translator W242CF.

It is my observation that the proposed vertical separation of 64 meters should be more than required to prevent any significant effect to the existing directional characteristics. Also, the tower structure should adequately shield the effect of the proposed 7/8" EIA diameter antenna feed line.

This opinion carries no performance guarantee and is based solely on the data provided by Flinn Broadcasting and the practical experience of our sales engineers. It is by no means a comprehensive analysis and Kathrein-Scala recommends Flinn Broadcasting to engage the services of a qualified communications consulting firm for a definitive evaluation. The furnished data has not been verified by Kathrein-Scala for completeness or accuracy.

If we may be of further assistance, please do not hesitate to contact us.

Best regards,

Michael Wm. Bach, Sales Engineer  
Kathrein Inc., Scala Division  
Email: [mbach@kathrein.com](mailto:mbach@kathrein.com)  
Ph: (541) 779 6500 Ext. 128; Fx: (541) 779 6575  
Direct: (541) 618 5128  
MWB/jy