



June 24, 2009

**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

Mr. Brock M. Round  
Engineering Manager  
EMF Broadcasting  
5700 West Oaks Blvd  
Rocklin CA 95765

Ref: KLQV 90.7 MHz, Santa Fe, NM  
BPED-20070718AAF

Dear Mr. Round,

Thank you for your technical brief and copies of FCC files describing the proposed co-location of full power station KLQV on the same structure with the existing directional translator antenna of K208EO.

The proposed vertical spacing between these antenna structures appears to be sufficient to prevent any significant effect on the directional characteristics of the K208EO antenna. Furthermore, the placement of the KLQV transmission line inside the tower structure should provide sufficient shielding to prevent any effect on the K208EO radiation pattern.

This opinion carries no performance guarantee and is based solely on the data provided by EMF Broadcasting and the practical experience of our sales engineers. It is by no means a comprehensive analysis and Kathrein-Scala recommends EMF 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. 5128; Fx: (541) 779 3991  
Direct: (541) 618 5128  
MWB/jy