

**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

January 31, 2007

Attn: Ron Coffman
Carl E. Smith Engineering

Dear Mr. Coffman:

Ref: Installation of the KZPT Auxiliary Antenna on same tower as the
directional array of FM Translator K285DL.

Thank you for your drawings and narrative regarding the proposed installation of the KZPT Non-Directional Jampro-2/RFR array to be co-located with K285DL's existing Directional Kathrein-Scala 3xCA5-FM/CP/RM array.

With the proposed vertical spacing of 19.8 meters (greater than 1 wavelength of the K285DL 104.9 Frequency), there is no anticipated significant adverse effect to the directional radiation pattern of station K285DL from the installation of the KZPT Non-Directional Jampro-2/RFR array or the routing of the 3" Transmission line transmission line as described in your narrative of the installation.

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

Please feel free to contact me if you need further assistance.

Best regards,

1/31/07

Mike Johnson,
Sales Engineer
KATHREIN INC., SCALA DIVISION
mjohnson@kathrein.com

