

Antennas • Filters

Kathrein Inc., Scala Division

P.O. Box 4580

Medford, OR 97501 USA

Phone: 541-779-6500

Fax: 541-779-3991

mail@kathrein.com

www.kathrein.com

August 25, 2004

Attn: Jim Travis
Family Life Network
P.O. Box 506
Bath, NY 14810

Dear Mr. Travis:

Ref: New FM Translator in Scranton, PA on 98.9 MHz,
Co-located with existing FM translator W263AL.

Thank you for your drawings and narrative regarding the proposed installation of the KSD FMV dipole/reflector antenna to be co-located on the same tower as the CA5-150EB/CP directional antenna of FM translator W263AL.

With the proposed vertical spacing of 10 meters (greater than 1 wavelength of the W263AL 100.5 MHz frequency), there is no anticipated significant adverse effect to the directional radiation pattern of station W263AL from the installation of the KSD FMV FM dipole/reflector antenna or the routing of the 1/2" hard-line transmission line along the 1-1/2" diameter tower leg.

This opinion carries no performance guarantee and is based solely on the data provided by Family Life Network and the practical experience of our sales engineers. It is by no means a comprehensive analysis and Kathrein-Scala recommends Family Life Network 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,



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