



Antennas • Filters

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December 1, 2010

Mr. Kevin Fitzgerald
The Scranton Times L.P.
149 Penn Avenue
Scranton, PA 18503

Dear Mr. Fitzgerald,

**Ref: W241BB Wilkes-Barre, Pennsylvania
BPFT-20100809CIQ**

Thank you for the brief you have submitted describing the new antenna installation for translator Station W241BB to be co-located with translator Stations W217BN and W283BJ.

It is my opinion that the vertical spacing as you described will be more than sufficient to prevent any significant effect on the directional characteristics of either Station W241BB or W238BJ. I believe that the placement of your 1/2" diameter feed line will not effect the directional characteristics of the W217BN radiation pattern.

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

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