



**Antennas • Filters**

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Mr. Elliott Klein  
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Paradise Valley AZ 85252-2525  
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**Ref: BMPFT-20061120AAP**  
**K288EX Lakewood, Colorado**

Dear Mr. Klein,

Thank you for your site drawing and technical brief describing the co-location of your proposed K288EX translator with the proposed CP or application antennas from translator K292FM (CP file BPFT20070209AAK, App file BPFT-20070226AAK).

We believe that the vertical spacing of 5 meters between these two proposed translator's antenna systems should be more than adequate to prevent any significant directional radiation pattern distortion. We also believe that the location/routing of the feed line for the K288EX translator inside the tower structure should shield its effect on the directional characteristic of the proposed K292FM radiation pattern.

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