



Antennas • Filters

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Mr. Tracy Krsnak
Connoisseur Media LLC
136 Main St – Ste 202
Westport, CT 06880-3304

Ref: BMPH-20071026ACW
KXMZ Box Elder, South Dakota

Dear Mr. Krsnak,

Thank you for your tower drawing showing how the existing 3 x CL-FM log-periodic antenna array that broadcasts booster stations KLMP-FM1, KTPT-FM2 & KSLT-FM1 will be co-located with the proposed full service antenna of KXMZ.

The proposed vertical separation of 28 meters (~9 wavelengths) will be more than sufficient to prevent any distortion to the directional characteristics of the booster antenna system. The proposed location of your new feed line, being on the rear of the tower and booster array pattern should also not pose any effect to the directional characteristics of the booster arrays pattern.

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