

**GREG BEST
CONSULTING, INC.**

16100 Outlook Avenue
Stilwell, KS 66085
816-792-2913

June 1, 2018

Dear Sir,

This will serve as a supplemental exhibit describing the technical circumstances regarding this KUWB-LD minor mod application.

Currently, KUWB-LD and K25JS-D, both stations located in the Salt Lake City, UT DMA and licensed to Nexstar Broadcasting, Inc., are located on the same tower and share the same antenna. Pursuant to the Commission's Incentive Auction, K25JS-D has been displaced and proposes to move from channel 25 to channel 23. As part of this mandatory transition, K25JS-D's modified facilities will require the purchase and installation of a new antenna. See LMS File No. 0000053213. Due to the antenna density on the existing and authorized tower, it will be necessary to continue to combine both KUWB-LD and K25JS-D on the same antenna. The new antenna proposed for K25JS-D's modified facilities will accommodate the KUWB-LD RF channel through the use of a channel combiner before the common transmission line going up the tower.

As a result of the proposed combined antenna use with K25JS-D, KUWB-LD's predicted 49.6 dBu protected contour will extend *slightly*, given existing terrain issues, past the existing licensed facility 49.6 dBu protected contour - an extension this consultant considers to qualify as "de minimis". This de minimis increase in area, approximately 132 sq km, would result in a decrease in population coverage from 106,202 to 104,796 for the proposed facility. See the attached exhibit - "KUWB-LD Contour Map."

An interference analysis has been executed for the proposed facility of KUWB-LD using no change in ERP from the licensed facility value. The results of the study confirm that no station experiences any objectionable interference. Notably, one station will experience a 0.03 % increase in interference. Please refer to the interference analysis that is attached to the application.

The proposed facility does not result in an advantage or benefit to the applicant. Moreover, the proposed modification will ensure that KUWB-LD may continue to provide service to its community of license without significant interruption or the necessity to go dark during the search for a new antenna site.

Should you have any questions regarding this information please contact me.

Sincerely,



President