

Exhibit in Support of Construction Permit BXPB20111208DME (KGNU)

Statement by: Chris Reid Murray, Director of engineering, McKenzie River Broadcasting,

On the evening of January 4, 2012, Measurements were made to verify compliance with CFR 74 73.317(b)-(d), of the commission's rules regarding spurious measurements. A drawing is supplied to indicate how the equipment was connected to perform these measurements.

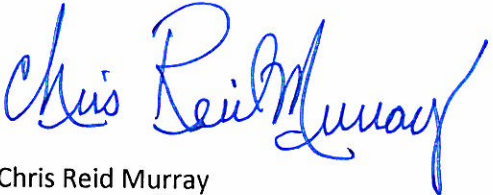
Both transmitters were operating at the reduced power into the auxiliary antenna. KGNU was operating at 12,000 watts TPO and KMGE operated at 10,000 watts TPO. The reduced power is necessary due to the power limitations of the auxiliary antenna.

The signal was sampled with a sample plug in the inline section between the branched combiner and the antenna switch. A "B&K model 2620" Spectrum Analyzer was used. In series with the sample were two "Channel Master" FM Traps used to reduce the level of the fundamental frequencies of 93.3 and 94.5 MHz. The following results were obtained.

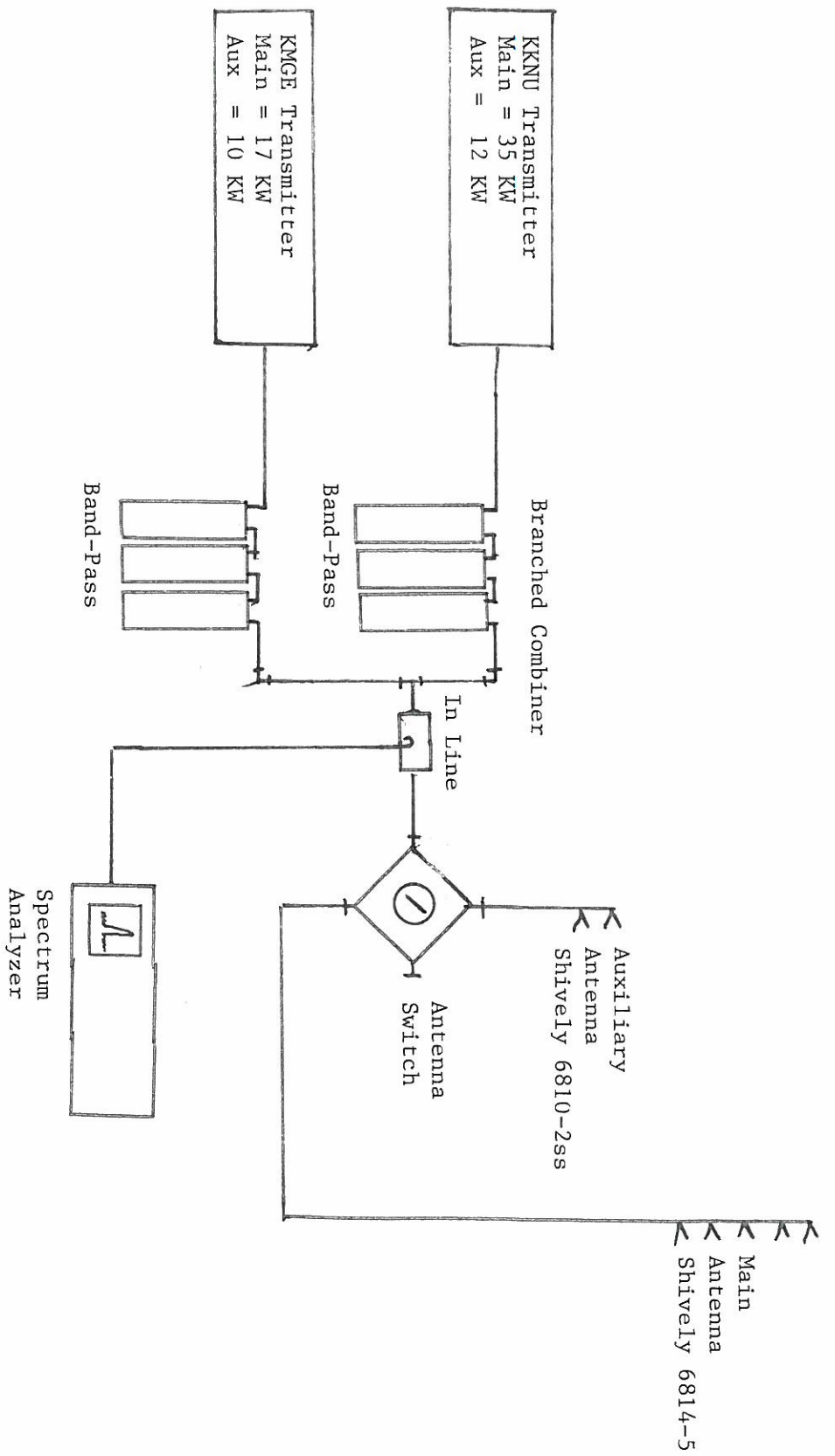
1. Measuring the spectrum in the areas of 186.6, 279.9 189, and 283.5 MHz, there was a zero presence of any second or third harmonic radiation.
2. Investigating all areas where the sum and difference of the 93.3 and 94.5 MHz would create spurious emissions, no evidence any spurious emissions were found.
3. A broadband look at the spectrum was measured while the carriers of 93.3 and 94.5 were switched on and off. The measurement was made to see if any other spurious emissions were occurring anywhere else on the spectrum between 500 KHz and 1.2 GHz, the limits of the spectrum analyzer. None were found.

The final analysis of the performance of the combined KGNU and KMGE signals indicates that the equipment as engineered performed perfectly. The stations are in complete compliance of the commission's rules, 74CFR 73.317(b) through 73.317 (d).

Sincerely,

 1/19/2012

Chris Reid Murray



Connecting Diagram  
R.F. Proof  
Jan 4, 2012  
Chris Reid Murray  
*Chris Reid Murray*  
1-19-2012