

Wichita
1410 KG50

N.R.S.C.-2 MEASUREMENT

— Place in your Public Inspection File —

Jack Maxton, First Class Radio Engineer
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620-429-0397

This report is to show that on (date) 9/3/17 at (time) 1:40 PM
(radio station) KG501410kc met the requirements set forth in the FCC Rule Section 73.44
concerning occupied band width.

The equipment used for this measurement was as follows:

- 1 1FR 2398 RF Sweep frequency Spectrum analyzer
- 1 LP-3 Standard H-field antenna
- 1 Medium frequency notch filter

The equipment was set up about 1 Kilometer from the transmitter (sometimes closer on low-powered stations). While the station was running their normal programming, we set up the Spectrum Analyzer and let it run for 10 minutes in the peak hold mode. After 10 minutes we compared the results on the spectrum analyzer display with the RF Mask as set forth in Rule Section 73.44, paragraph (b).

For the harmonic and spurious measurements, they were taken at the same locations as above. We checked for harmonics up to 10 times the station frequency.

While we were looking for harmonic radiation, we also looked for spurious radiation. Any radiation above -80db was examined and any radiation above -60db will be noted below.

A notch filter was used to notch out the fundamental frequency to prevent overloading the spectrum analyzer.

I believe the station is in compliance with FCC Rule Section 73.44.

Jack R Maxton
Jack R. Maxton

Notes, Public, Comments:

Operating ok.
