



MINNESOTA OFFICE
5844 Hamline Avenue North, Shoreview, MN 55126
651-784-7445 • Fax 651-784-7541

MICHIGAN OFFICE
27451 Everett Street, Southfield, MI 48076
248-557-7274 • Fax 248-557-7275

800-797-1338

Exhibit 9 - Spurious and Harmonic Measurements

Measurements were performed on August 12, 2003, under my supervision, on radio stations KKBJ and WBJI to determine compliance with Sections 73.317 (b) and 73.317 (d). An IFR Model 7550 Spectrum Analyzer was used to perform the measurements.

FM Helical filters were used to reduce the carrier frequency amplitude for both KKBJ and WBJI by approximately 25 db. This was required in order to increase the dynamic range of the spectrum analyzer so any emissions lower than -80 db could be examined.

Both stations were operated at full output power in accordance with the construction permit. The frequency range that included the 10th harmonic of the radio station was examined. The results show that the radio station is in compliance with Sections 73.317(b) and 73.317 (d).

Respectfully Submitted,

A handwritten signature in black ink that reads "Garrett G. Lysiak". The signature is written in a cursive, flowing style.

Garrett G. Lysiak, P.E.