

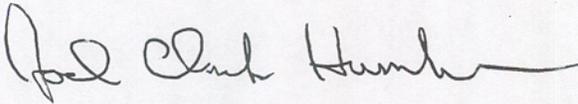
KKHK-FM - 99.5 MHz.  
Main Transmitter Facility  
RF Equipment Performance Measurements  
Tribune Denver Radio  
Denver, Colorado  
January 2002

EXHIBIT 200  
Page 2 of 2

Spectrum analysis measurements performed near the KKHK-FM main transmitter site on Friday, January 11<sup>th</sup>, 2002 between 10:00 AM and 12:30 PM Mountain Standard Time, show that the transmitter facility far exceeds the requirements of FCC rule 73.317.

The measurements are included as Exhibit 300. A Tektronix 7L12-7613 spectrum analyzer was used, serial numbers B213740 and B377996. During the measurement of the second and third harmonics, a fundamental carrier filter was used to prevent overload of the analyzer input amplifier and mixer stages from producing harmonic signals within the analyzer itself. This filter affects the levels of actual harmonics by less than 1 dB, while lowering the fundamental carrier input by approximately 35 dB.

Respectfully submitted,



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January 16, 2002

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EXHIBIT 300

**KKHK EQUIPMENT PERFORMANCE MEASUREMENTS**

<u>Frequency from Carrier</u>	<u>Measured Suppression</u>	<u>FCC Required Suppression</u>
120 KHz.	Over -30 dB	-25 dB
121 to 239 KHz.	Over -30 dB	-25 dB
240 KHz.	Over -40 dB	-25 dB
241 KHz to 599 KHz.	Over -40 dB	-35 dB
600 KHz.	Over -85 dB	-35 dB
601 KHz Up	Over -85 dB	-80 dB
199.0 MHz. 2 <sup>nd</sup> Harmonic	Over -85 dB (noise floor)	-80 dB
298.5 MHz. 3 <sup>rd</sup> Harmonic	Over -85 dB (noise floor)	-80 dB

\*\* Note: The KKHK-FM transmitter is coupled to the KKHK main antenna through a multiple cavity, 2 station antenna combiner.

Measurements were taken at two locations marked on the site map Exhibit 500. One location on a dead end road located approximately 500 feet south of the transmitter site. Measurements were also performed at a second location at the west end of Werner Drive located about 200 feet west of Heritage Road in Golden, Colorado. These two locations provided a balance between adequate signal levels to utilize analyzer dynamic range, and the necessity of preventing analyzer overload from the many other powerful signals on lookout mountain.

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EXHIBIT 400

## MEASUREMENT EQUIPMENT SETUP DRAWING

