

Emission Data for KTBZ-FM, 94.5 MHz:

1. +120 kHz at -29 dBc; (limit +/- 120 kHz to 240 kHz. at least -25 dBc)
2. +240 kHz at -39 dBc; (limit +/- 240 kHz to 600 kHz at least -35 dBc)
3. +600 kHz at -76 dBc; (limit +/- 240 kHz to 600 kHz at least -35 dBc)
4. +603 kHz at >80 dBc; (limit greater than 600 kHz at least -80 dBc)
5. -120 kHz at -26 dBc; (limit +/- 120 kHz to 240 kHz. at least -25 dBc)
6. -240 kHz at -37 dBc; (limit +/- 240 kHz to 600 kHz at least -35 dBc)
7. -600 kHz at -76 dBc; (limit +/- 240 kHz to 600 kHz at least -35 dBc)
8. -603 kHz >80 dBc; (limit greater than 600 kHz at least -80 dBc)
9. Analyzer scan from 76 MHz. to 1700 MHz. did not produce any emissions greater than -80 dBc except as noted in 1. through 8. above.

- **Conclusions:**

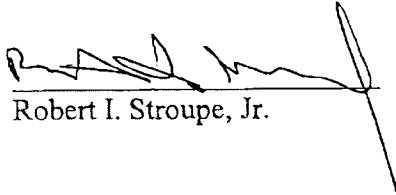
KTBZ-FM, 94.5 MHz. meets the emission requirements of 47 C.F.R. Sections 73.317 (b) through 73.317 (d). including intermodulation products between itself and/or other emitters licensed to the site.

The measurements contained herein were made under the following conditions:

- Both KTBZ-FM, 94.5 MHz., and KHMV (FM), 96.5 MHz., operating into their combined antenna at 100% of nominal transmitter power.
- KTBZ-FM operating in stereo with program audio and a 57 kHz data sub-carrier (RDBS) at 4% nominal injection level. Modulation peaks reached 102% with respect to +/- 75 kHz deviation.
- Utilizing a Tektronix 2712 spectrum analyzer serial number B011489, set for 3 kHz resolution bandwidth, logarithmic response of 10 dB per division, no video filtering, peak hold time of 10 minutes, and horizontal resolution as required.
- With the input of the spectrum analyzer attached to the forward port of the 6 1/8 inch ERI directional coupler located between the output of the combiner and the input to the line feeding the antenna.
- With the spectrum analyzer's input level adjusted so that the carriers were located top of screen. Once this value was set, the analyzer's input level was not adjusted for the remainder of the measurements. This procedure gives an on-screen dynamic range of 80 dB.
- Second and third order intermodulation products were calculated for all emitters licensed to the site. Measurements were conducted from 76 MHz. to 1700 MHz. to detect any intermodulation products.
- Measurement date November 8, 2005.

Statement:

I, Robert I. Stroupe, Jr. certify that the measurements contained herein were personally made by myself, that I am the Chief Operator of KTBZ-FM Houston, TX, that I hold the title of Director of Engineering for Clear Channel Radio of Houston, that I have been engaged in the profession of broadcast engineering for 30 years, and that I hold a General Radio Telephone License number PG0624831 dated January 2, 1985 with no expiration date.



Robert I. Stroupe, Jr.