

HATFIELD & DAWSON

CONSULTING ELECTRICAL ENGINEERS
9500 GREENWOOD AVE. N.
SEATTLE, WASHINGTON 98103

TELEPHONE (206) 783-9151
FACSIMILE (206) 789-9834
E-MAIL hatdaw@hatdaw.com

BENJAMIN F. DAWSON III, PE
THOMAS M. ECKELS, PE
STEPHEN S. LOCKWOOD, PE
DAVID J. PINION, PE

PAUL W. LEONARD, PE
ERIK C. SWANSON, EIT
THOMAS S. GORTON, PE
MICHAEL H. MEHIGAN, EIT

JAMES B. HATFIELD, PE
CONSULTANT

MAURY L. HATFIELD, PE
CONSULTANT
OAKHURST, NSW
AUSTRALIA

June 2008 West Tiger Mountain NIER Statement

On January 29, 2000, James B. Hatfield, P.E. (of Hatfield & Dawson Consulting Engineers in Seattle) performed non-ionizing electromagnetic RF field measurements at the Entercom West Tiger Mountain ("WTM") transmitter site in connection with the license application for FM station KISW on the master antenna. At that time, the following stations were operating from this transmitter site:

Callsign	Channel	Community	Max ERP H	Max ERP V
KPLU-FM	203C	Tacoma	58 kW	58 kW
KQMV(FM)	223C	Bellevue	58 kW	58 kW
KMPS-FM	231C	Seattle	58 kW	58 kW
KBSG-FM	247C	Tacoma	55 kW*	55 kW*
KING-FM	251C	Seattle	58 kW	58 kW
KWJZ(FM)	255C	Seattle	58 kW	53 kW
KISW(FM)	260C	Seattle	58 kW	55 kW
KKWF(FM)	264C	Seattle	58 kW	53 kW
KMTT(FM)	279C	Tacoma	58 kW	58 kW
KBKS-FM	291C	Tacoma	58 kW	50 kW
KNDD(FM)	299C	Seattle	58 kW	50 kW

* operating from a separate omnidirectional antenna

All of these stations, with the sole exception of KBSG-FM, were operating from the directional master panel antenna. The January 2000 measurement report (a copy of which is attached for reference) demonstrated that the FCC uncontrolled environment MPE was not exceeded at any location at the site except in the vicinity of Picnic Rock. Appropriate signs and a gate have been installed on the access road to the site.

Since January 2000, KMPS-FM and KBKS-FM have relocated their primary operations to a different transmitter site; both stations converted their operation at the Entercom WTM site to

auxiliary facilities, but the KMPS-FM auxiliary has been removed. (While the KMPS-FM auxiliary at the Entercom WTM site remains in the FCC database as an active record, Entercom – the site owner – has confirmed that the KMPS-FM equipment has been removed from the site.)

Furthermore, stations KQMV and KWJZ have relocated to a new transmitter site. On June 21, 2006, the KQMV and KWJZ combiner modules were removed from the Entercom WTM site. On September 1, 2006, license applications were granted for the new KQMV and KWJZ operations.

Stations KPLU-FM, KING-FM, KISW, KKWF, KMTT, and KNDD all hold construction permits to increase ERP to 68 kW from the master panel antenna. (At this time, no change is being made to KBSG-FM.) Due to power budget constraints on the combiner and antenna system, it was not possible to increase the power of these six stations unless and until KQMV and KWJZ were removed from the system. Now that those two stations are no longer operating from the Entercom WTM master panel antenna, the power increases of the six stations can be implemented. The following table lists the stations remaining at the Entercom WTM site, along with their authorized ERP values.

Callsign	Channel	Community	Max ERP H	Max ERP V
KPLU-FM	203C	Tacoma	68 kW	68 kW
KBSG-FM	247C	Tacoma	55 kW*	55 kW*
KING-FM	251C	Seattle	68 kW	68 kW
KISW(FM)	260C	Seattle	68 kW	68 kW
KKWF(FM)	264C	Seattle	68 kW	68 kW
KMTT(FM)	279C	Tacoma	68 kW	68 kW
KBKS-FM aux	291C	Tacoma	58 kW	50 kW
KNDD(FM)	299C	Seattle	68 kW	68 kW

* operating from a separate omnidirectional antenna

As a result of the combined changes at the Entercom WTM site (i.e. removal of three stations and power increases by six of the remaining stations), the total ERP being emitted from the master panel antenna has been reduced from 580 kW (H) and 551 kW (V) to 466 kW (H) and 458 kW (V). This is a net decrease of 114 kW (H) and 93 kW (V).

The power increases for the six stations were possible without any other changes to the transmitting antenna, and there is a significant net decrease in the ERP being emitted from the master panel antenna. Therefore, and since the January 2000 measurements demonstrated compliance with the FCC uncontrolled environment MPE, the site is believed to be in continued compliance, obviating any need for further measurements at this time. This fact is believed to satisfy the RF field strength measurement conditions on the construction permits for KPLU-FM, KING-FM, KISW, KKWF, KMTT, and KNDD.

June 23, 2008
Erik C. Swanson

JAMES B. HATFIELD, PE
BENJAMIN F. DAWSON III, PE
THOMAS M. ECKELS, PE
STEPHEN S. LOCKWOOD, PE
PAUL W. LEONARD, PE
ERIK C. SWANSON
THOMAS S. GORTON
DAVID J. PINION, PE
CONSULTANT

HATFIELD & DAWSON
CONSULTING ELECTRICAL ENGINEERS
9500 GREENWOOD AVE. N.
SEATTLE, WASHINGTON 98103

TELEPHONE
(206) 783-9151
FACSIMILE
(206) 789-9834
E-MAIL
hatdaw@hatdaw.com
MAURY L. HATFIELD, PE
CONSULTANT
Box 1326
ALICE SPRINGS, NT 5950
AUSTRALIA

NIER MEASUREMENTS

AT

WEST TIGER MTN MASTER ANTENNA SITE

FOR KISW-FM

JANUARY 29, 2000

EXHIBIT 302-C

INTRODUCTION

On January 29, 2000, between the hours of 9:00AM and 12Noon, non-ionizing electromagnetic RF field measurements were made on KISW-FM at the Tiger Mountain Master Antenna Site. All licensed stations, and KISW, were operating when the measurements were made. The weather was sunny with two feet of snow on the ground at the antenna site.

EQUIPMENT AND PROCEDURES

The measurements were made with NARDA RF Radiation Survey Meter, Model 8718B (sn 0001). The RF sensor was an 8742 (sn 01001) isotropic electric field probe (cal. 5/99) that provides an output proportional to IEEE C95.1-1991 / ANSI C95.1-1992 (Controlled Environment) from 300 kHz to 2.7 GHz. The measured fields are indicated by the meter as a percentage, over the frequency range, of the power density limits of the Controlled Environment Maximum Permissible Exposure (MPE) allowed by C95.1. The probe calibration factor for the center of the FM broadcast band (0.99 @ 100 MHz) was automatically applied by the meter to all readings. Since the probe factor was automatically added to the readings by the meter the overall accuracy of the measurements was +/- 0.75 dB.

The measurements were made according to the provisions of ***ANSI/IEEE Std C95.3-1991, IEEE Recommended Practice for the Measurement of Potentially Hazardous Electromagnetic Fields--RF and Microwave***. Measured areas were scanned with the probe and the maximum readings were stored by the meter. In those areas where the highest measured fields were found a spatial average was performed as required by ***IEEE/ANSI C95.1-1992, "Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz"***(C95.1-1992).

MEASURED FIELDS AT THE WEST TIGER MOUNTAIN MASTER ANTENNA SITE

The fields were measured by walking around accessible areas of the site and using the meter to record the maximum field and the average field over the area measured. A spatial average was

performed to determine compliance with the appropriate MPE at those locations where the highest fields were found.

The highest fields at the site are located in a small area, called Picnic Rock, due south of the tower on the site access road. This is the only generally accessible area at the site where the spatially averaged measured fields were a large percentage of the Controlled Environment MPE. The spatially averaged measurement was repeated ten times in the vicinity of this location because the measured fields were so close to 100% of the Controlled Environment MPE. The spatially averaged measured fields near Picnic Rock ranged from 67% to 92% of the Controlled Environment MPE.

The area on the road near "picnic rock" was previously marked and signed as a high RF exposure location. The access to the site is marked with warning signs and the general public is prohibited access to the site by a gate.

With one exception, peak measured fields at other locations on the site were 17.5% or less of the Controlled Environment MPE. An RF hot spot at the north gate to the tower enclosure measured 17% of the Controlled MPE on a spatially averaged basis.

According to the FCC, ANSI, and the NCRP, MPEs the measured fields from the stations operating at the Tiger Mountain Master Antenna Site with authorized power, including KISW-FM, do not exceed the FCC Controlled Environment MPE on the site. The FCC Uncontrolled Environment MPE is not exceeded anywhere on the site except in the vicinity of Picnic Rock. Appropriate signs and a gate have been installed on the access road to the site.

James B. Hatfield, P.E.

31 JANUARY 2000

