

**Connoisseur Media, LLC  
KPBR-FM  
RF Radiation Compliance**

OET Bulletin 65 Edition 97-01

July 11, 2006

# Connoisseur Media, LLC

## RF Radiation Compliance

This report is to show compliance with the FCC established guidelines for exposure to RF electromagnetic fields as described in OET Bulletin 65 Edition 97-01. The stations and methods are described below.

### Facilities:

Facility ID	Call Sign	Freq	Antenna	HAGL	ERP	Coordinates
164107	KPBR-FM	105.9	8 Bay	49 Meters	100 kw V / H	45 39 31.00 108 34 14.00
43571	KEMC-FM	91.7	10 Bay	78 Meters	100 kw V / H	45 39 31.00 108 34 14.00

The gate and building area were marked with the proper RFR signage.

### Survey Meter

The measurements were performed using a NARDA Model 8718 B meter S/N 6053 and a NARDA Model 8764D probe S/N 6010. The meter and probe designed to measure electromagnetic fields with respect to human exposure from 100 kHz to 300 GHz. The instrument was last calibrated on 5-27-05.

### General Population / Uncontrolled Exposure:

In regard to General Population / Uncontrolled Exposure. A Narda survey meter model 8718B with an 8761D probe was used in the area. The probe is calibrated in percent of limit for Uncontrolled Exposure ( $200\mu W / cm^2 = 100\%$ ) from 300 KHz to 3.0 GHz. Max hold was used while walking around the area with the probe being moved between ground and the 2 meter level. There is a locked gate on the road to the site about 300 feet from the tower and building. The entire area around the building and tower is fenced allowing no public access. The highest level recorded outside the fenced area was  $16\mu W / cm^2$  near the utility power meters for the building. Other measurements were taken around the area outside the fenced area. This shows compliance with OET Bulletin 65 Edition 97-01 for General Population / Uncontrolled Exposure.

### **Occupational / Controlled Exposure:**

The Occupational / Controlled Exposure measurements were made using the same meter and methods as the General Population / Uncontrolled measurements. Spatial averaging was used for some of the measurements. All measurements fell below the allowed level for Occupational / Controlled Exposure.

A spreadsheet showing the levels included in this report. The station is shown to be in compliance with the OET Bulletin 65 Edition 97-01 for Occupational / Controlled Exposure.

All measurements were taken on by myself Richard Jones on July 11, 2006 and are true and accurate to the best of my knowledge.

Richard Jones  
RJ Engineering

# KPBR-FM & KEMC-FM

## 105.9 & 91.7 Mhz

KPBR-FM & KEMC-FM	Ref#	Field Strength <i>mW / cm<sup>2</sup></i>	Location
Run Ref. Number: 00	1	0.015	Main Gate
Date: 7/11/06 Start Time: 16:10	2	0.11	NE corner of building 40' away
	3	0.27	East of the building door @ 35'
Model 8718 S/N: 6053	4	0.27	S.E. corner of building @35'
	5	0.30	West side of building @ 30' under guy wire
Probe: 8761DS/N: 06010	6	0.34	N. side of building N. of AC unit
	7	0.38	East Guy Anchor
Freq: 99.9 MHz Cor. Factor: 1.00	8	0.51	South Guy Anchor
	9	0.42	West Guy Anchor
Avg Mode: N/A	10	0.016	Utility Power Meters
	11	0.06	At door to the building
	12	0.035	Inside the transmitter building