



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

THIN AIR COMMUNITY RADIO
35 W MAIN
SUITE 340
SPOKANE WA 99201

Edna V. Prado
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 173886

Grant Date: November 04, 2011

Call Sign: KYRS

This license expires 3:00 a.m.
local time, February 01, 2014.

License File Number: BLED-20111101ALA

This license covers permit no.: BNPED-20071022AFM
as modified by permit no.: BMPED-20100913AAI

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Name of Licensee: THIN AIR COMMUNITY RADIO

Station Location: WA-MEDICAL LAKE

Frequency (MHz): 88.1

Channel: 201

Class: C0

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Transmitter output power: 1.75 kW

Antenna type: Directional

Description: SHI 6801-4R-SS(0.92)-DA, 4 sections, 0.92 spacing

Antenna Coordinates: North Latitude: 48 deg 10 min 50 sec

West Longitude: 117 deg 59 min 11 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	6.8	6.8
Height of radiation center above ground (Meters):	15	15
Height of radiation center above mean sea level (Meters):	1774	1774
Height of radiation center above average terrain (Meters):	876	876

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 22 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

Special operating conditions or restrictions:

- 1 The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by this construction permit.

A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power:

6.8 kilowatts.

Principal minima and their associated field strength limits:

330 degrees True: 0.37 kilowatt.

- 2 The licensee has demonstrated compliance with the FCC radiofrequency electromagnetic field exposure guidelines based upon the usage of the antenna specified herein. If the licensee makes any changes in facilities via modification of license application in accordance with 47 CFR section 73.1690(c), the subsequent Form 302-FM, application for license, must include a revised RF field showing to demonstrate continued compliance with the FCC guidelines.
- 3 Pursuant to 47 CFR Sections 73.7002(c) and 73.7005(b) the permittee/licensee is required to construct and operate for a period of four years of on-air operations technical facilities substantially as proposed and shall not downgrade service to the area on which the preference was based.
- 4 The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

*** END OF AUTHORIZATION ***