



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

EMG2, LLC
 10301 LEONARD LANE
 ISLAND CITY OR 97850

Son Nguyen
 Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 12511

Call Sign: KTEL

License File Number: BL-20170718AGZ

Grant Date: **JUN 14 2019**

This license expires 3:00 a.m.
 local time, February 01, 2022.

This license covers permit no.: BP-20151119AQC to reflect installation of diplexing equipment at new transmitter location.

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.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
 Local Standard Time (Non-Advanced)

Jan.	7:30 AM	4:30 PM	Jul.	4:15 AM	7:45 PM
Feb.	7:00 AM	5:15 PM	Aug.	4:45 AM	7:00 PM
Mar.	6:15 AM	6:00 PM	Sep.	5:30 AM	6:00 PM
Apr.	5:15 AM	6:45 PM	Oct.	6:15 AM	5:15 PM
May	4:15 AM	7:15 PM	Nov.	7:00 AM	4:15 PM
Jun.	4:00 AM	7:45 PM	Dec.	7:30 AM	4:15 PM

Callsign: KTEL

License No.: BL-20170718AGZ

Name of Licensee: EMG2, LLC

Station Location: WALLA WALLA, WA

Frequency (kHz): 1490

Station Class: C

Antenna Coordinates:

Day

Latitude: N 46 Deg 01 Min 25 Sec

Longitude: W 118 Deg 21 Min 17 Sec

Night

Latitude: N 46 Deg 01 Min 25 Sec

Longitude: W 118 Deg 21 Min 17 Sec

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

Nominal Power (kW): Day: 1.0 Night: 1.0

Antenna Input Power (kW): Day: 1.0 Night: 1.0

Antenna Mode: Day: ND Night: ND

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 4.47 Night: 4.47

Resistance (ohms): Day: 50 Night: 50

Non-Directional Antenna: Day

Radiator Height: 59.4 meters; 106.3 deg

Theoretical Efficiency: 316.45 mV/m/kw at 1km

Non-Directional Antenna: Night

Radiator Height: 59.4 meters; 106.3 deg

Theoretical Efficiency: 316.45 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1032815	

Night:

Tower No.	ASRN	Overall Height (m)
1	1032815	

Special operating conditions or restrictions:

- 1 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.
- 2 Permittee/Licensee shall accept such interference as may be imposed by other existing 250 watt Class C stations in the event that they are subsequently authorized to increase power to 1000 watts.
- 3 Licensee shall be responsible for satisfying all reasonable complaints of blanketing interference within the 1 V/m contour as required by Section 73.88 of the Commission's rules.
- 4 Ground system consists of 120 equally spaced, buried, copper radials about the tower, each 51.8 meters to 60.9 meters, except where terminated by property boundaries.
- 5 Grant of this license application is conditioned on continuous operations of the licensed facility for the twelve-month period following grant. The failure to so operate will result in the rescission of this grant, dismissal of the license application and the forfeiture of the associated construction permit pursuant to 47 C.F.R. § 73.3598(e) unless the licensee rebuts the presumption that authorized facilities were temporarily constructed.

*** END OF AUTHORIZATION ***