


United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

MUSIC VENTURES, LLC, DBA BROADCAST MEDIA LLC
 6547 N. ACADEMY BOULEVARD
 COLORADO SPRINGS CO 80918


 Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 71443

Call Sign: KFKA

License File Number: BZ-20210806AAR

Grant Date: March 04, 2022

This license expires 3:00 a.m.
 local time, April 01, 2029.

DM filed to modify BZ-19851021AC operating parametets due to addition of an FM translator antenna to tower #1(W).

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

Name of Licensee: MUSIC VENTURES, LLC, DBA BROADCAST MEDIA LLC

Station Location: GREELEY, CO

Frequency (kHz): 1310

Station Class: B

Antenna Coordinates:

Day

Latitude: N 40 Deg 21 Min 56 Sec

Longitude: W 104 Deg 43 Min 56 Sec

Night

Latitude: N 40 Deg 21 Min 56 Sec

Longitude: W 104 Deg 43 Min 56 Sec

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

Nominal Power (kW): Day: 5.0 Night: 1.0

Antenna Input Power (kW): Day: 5.0 Night: 1.08

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 4.82 Night: 4.6

Resistance (ohms): Day: 215 Night: 51

Non-Directional Antenna: Day

Radiator Height: 83.8 meters; 132 deg

Theoretical Efficiency: 333.13 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1024496	

Night:

Tower No.	ASRN	Overall Height (m)
1	1024496	
2	1024497	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 296.12
 Standard RMS (mV/m/km):
 Augmented RMS (mV/m/km): Night: 313.81
 Q Factor: Night:

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	132.0
2	0.7100	-13.000	232.0000	105.000	0	132.0

* Tower Reference Switch

0 = Spacing and orientation from reference tower
 1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	18.2	68.4	547.18
2	65.0	14.0	120.70
3	73.0	16.0	96.56
4	73.0	10.0	97.20
5	90.0	30.0	180.25
6	105.0	30.0	209.21
7	122.0	32.0	170.59
8	138.0	22.0	96.56
9	138.0	10.0	97.53
10	191.5	63.0	547.18
11	234.0	12.0	142.49
12	241.0	14.0	96.56
13	241.0	10.0	97.53
14	253.0	24.0	165.92
15	285.0	40.0	305.78
16	285.0	10.0	321.45
17	328.0	16.0	96.56
18	328.0	10.0	96.88
19	336.0	16.0	140.24

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1

Night Directional Operation:

Twr. Phase	Antenna Monitor
No. (Deg.)	Sample Current Ratio
2 0	0.78

Antenna Monitor: POTOMAC AM19

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 The 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 Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 80 meters in length except where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers.

- 3 Monitor point descriptions
 - 73 degree true North- Point just inside driveway of Sanders Petroleum Company, south of office, or 175 feet south of Highway 85, located 3.26 km from transmitter. Max 18.7 mV/m nighttime.
NAD27 NL 40 deg 22 min 27.4 sec, WL 104 deg 41 min 44.1 sec

 - 138 degree true North - From intersection of Highway 85 and 1st Avenue in LaSalle, proceed east for 0.4 km to the Y in the road, then south one block, then west one block to LaSalle depot. Then proceed southwest from depot 0.32 km to bridge, and point located 400 feet south of bridge, marked by a stake with sign reading "Point #3" on east side of road, located 3.25 km from transmitter. Max 24.6 mV/m nighttime.
NAD27 NL 40 deg 20 min 36.8 sec, WL 104 deg 42 min 24.7 sec

 - 241 degree true North - Point on east shoulder of road, marked with a sign reading Point #4, located 5 km from transmitter. Max 20.9 mV/m nighttime.
NAD27 NL 40 deg 22 min 37.4 sec, WL 104 deg 47 min 01.3 sec

 - 328 degree true North - Point near junction with U. S. Highway 34 Bypass, on south edge of highway about 0.16 mile west of junction and directly north of farm elevator, located 3.55 km from transmitter. Max 38.0 mV/m nighttime.
NAD27 NL 40 deg 23 min 29.7 sec, WL 104 deg 45 min 23.1 sec

*** END OF AUTHORIZATION ***