

Name of Licensee: KLZ RADIO, INC.

Station Location: BRIGHTON, CO

Frequency (kHz): 810

Station Class: B

Antenna Coordinates:

Day

Latitude: N 40 Deg 01 Min 41 Sec

Longitude: W 104 Deg 49 Min 21 Sec

Night

Latitude: N 39 Deg 50 Min 36 Sec

Longitude: W 104 Deg 57 Min 14 Sec

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

Nominal Power (kW): Day: 2.2 Night: 0.43

Antenna Input Power (kW): Day: 2.4 Night: 0.46

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 6.89 Night: 3.05

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1024154	
2	1024155	
3	1024156	

Night:

Tower No.	ASRN	Overall Height (m)
1	None	61
2	None	61
3	None	61
4	None	61

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 471.72 Night: 200.5
 Standard RMS (mV/m/km): Day: 495.6 Night: 210.78
 Augmented RMS (mV/m/km):
 Q Factor: Day: Night:

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.5250	-127.500	75.9000	220.000	0	77.0
2	1.0000	0.000	0.0000	0.000	0	77.0
3	0.5100	124.500	75.9000	40.000	0	77.0

* Tower Reference Switch

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

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.4600	0.000	0.0000	0.000	0	58.0
2	0.5200	101.500	90.0000	257.000	0	58.0
3	0.8200	162.000	160.6000	3.500	0	58.0
4	1.0000	-121.000	197.2000	320.900	0	58.0

* Tower Reference Switch

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

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-125.6	0.509
2	0	1
3	123.5	0.495

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	122	0.461
2	-133	0.545
3	-72.5	0.81
4	0	1

Antenna Monitor: POTOMAC INSTRUMENTS MODEL 1901

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 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.

2 MONITOR POINT DESCRIPTIONS

15 ° - Point located on Rollie Avenue, 0.1 km north of Colorado Highway 52, on sidewalk directly in front of the First Baptist Church driveway, 6.07 km from site, max 3.1 mV/m daytime.

65° - Point located 0.25 km west of Weld County Road 37, directly northwest of intersection of Clara Lee and Elizabeth on edge of roadway, 9.49 km from site, max 2.6 mV/m daytime.

99.5° - Point located on the west canal service road 0.15 km north of Weld County Road 4, 7.93 km from site, max 2.7 mV/m daytime.

340.5° - Point located on west side of Weld County Road 23, 0.5 km north of Colorado Highway 52, on the south side of a driveway near a yellow gate, 6.64 km from site, max 2.7 mV/m daytime.

74.5 ° - Point located at 7920 E. 88th Avenue at the northwest corner of the driveway, immediately south of the row of mailboxes, 5.14 km from site, max 17.4 mV/m nighttime.

227.5° - Point located on northwest side of curve in the road where 66th Avenue becomes Delaware Avenue, 3 meters northeast of corner of intersection of access road to gravel pit, 4.41 km from site, max 7.8 mV/m nighttime.

264.5° - Point located at 341 El Paso Street, at northwest corner of property in the street in front of the sidewalk, 3.3 km from site, max 15.3 mV/m nighttime.

304° - Point located in the parking lot of the Peppercorn Apartments, on the sidewalk south of building #10 immediately in front of the fourth parking space, 3.04 km from site, max 18.9 mV/m nighttime.

*** END OF AUTHORIZATION ***