



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

KLZ RADIO, INC.
P.O. BOX 3003
BLUE BELL PA 19422

Ann Gallagher
Senior Engineer
Audio Division
Media Bureau

Facility Id: 35089

Call Sign: KLVZ

License File Number: BMML-20090603AHB

Grant Date: September 09, 2009

This license expires 3:00 a.m.
local time, April 01, 2013.

Modify BL-20070525AJP with moment method parameters for daytime DA only.

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.	5:30 AM	6:30 PM	Oct.	6:15 AM	5:15 PM
May	4:45 AM	7:00 PM	Nov.	6:45 AM	4:45 PM
Jun.	4:30 AM	7:30 PM	Dec.	7:15 AM	4:30 PM

Callsign: KLVZ

License No.: BMML-20090603AHB

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: 2.38 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): Night: 210.78
 Augmented RMS (mV/m/km): Day: 495.87
 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

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	15.0	68.0	37.56
2	65.0	68.0	35.52
3	99.5	68.0	33.96
4	340.5	68.0	31.56

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	-128.9	0.492
2	0	1

Day Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
3 123.5	0.514

Night Directional Operation:

Twr. Phase No. (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.

Monitoring Points:

Night Operation:

Radial (Deg. T)	Distance From Transmitter (km)	Maximum Field Strength (mV/m)
74.5	5.14	17.4
227.5	4.41	7.8
264.5	3.3	15.3
304	3.04	18.9

Special operating conditions or restrictions:

1 MONITOR POINT DESCRIPTIONS

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.

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Special operating conditions or restrictions:

- 2 The licensee shall perform the measurements described in Section 73.155 on the daytime antenna system at least once within each 24-month period.

*** END OF AUTHORIZATION ***