

TECHNICAL ATTACHMENT
NEW LPFM FOR BAKERSFIELD, CALIFORNIA

State: CA
City: BAKERSFIELD
Channel: 234

Antenna Structure Registration: 1017033
Do you have an FCC Antenna Structure Registration Number?: N
Yes/No/Filed with the FAA No

Latitude: 35-23-46.9 N
Longitude: 118-53-9.5 W
Structure Type: TOWER
Overall Structure Height: 26.5
Support Structure: 23.1
Ground Elevation: 217

Antenna Data

	HORIZONTAL	VERTICAL
Height of Radiation Center Above Ground Level	13.7	13.7
Height of Radiation Center AMSL	(FORM CALCULATES)	
MIn Radiated Power	(FORM CALCULATES)	
Max Radiated Power	(FORM CALCULATES)	

Antenna Type

Directional
Non-Directional X

Directional Antenna

Technical Certification

Environmental Effect

*Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? See 47 C.F.R. Section 1.1306?

NO

Interference

*Does the applicant certify that the proposed facility complies with engineering requirements...?

YES

SPACING

REFERENCE 35 23 46.90 N. CLASS = L1 DISPLAY DATES 10-16-23
 118 53 09.50 W. Current Spacings to 2nd Adj. DATA 10-16-23
 12-09-23 SEARCH

----- Channel 234 - 94.7 MHz -----

Call	Channel	Location	Azi	Dist	FCC	Margin
KBFE-LP LIC 233L1	Bakersfield	CA	261.9	15.19	13.5	1.7
KXTT LIC 235A	Maricopa	CA	237.5	62.23	55.5	6.7
KWCB-LP LIC 234L1	Wasco	CA	298.3	44.87	23.5	21.4
KTWV LIC 234B	Los Angeles	CA	149.8	150.16	111.5	38.7
KSPE LIC 233B	Ellwood	CA	225.6	137.59	96.5	41.1
KBOS-FM CP 235B	Tulare	CA	357.9	137.60	96.5	41.1
KBOS-FM LIC 235B	Tulare	CA	357.9	137.68	96.5	41.2
KGEN-FM LIC 233A	Hanford	CA	325.9	108.68	55.5	53.2

 All separation margins include rounding