

APPLICATION FOR STATION LICENSE
BILINGUAL BROADCASTING FOUNDATION, INC.
KBBF (FM) RADIO STATION
CH 206B - 89.1 MHZ - 0.42 KW
CALISTOGA, CALIFORNIA
February 2009

EXHIBIT A

KBBF Transmission System Calculations

Effective Radiated Power:	
Horizontal/Vertical	0.42 kilowatt
Antenna:	Jampro Antennas, Model JMPC-1R
	One bay full wavelength spaced
Horizontal gain	0.46
Transmission Line:	Andrew HJ5-50
(90 feet)	7/8 inch air dielectric
	93.0% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	0.982 kilowatt (982 watts)

Facilities Authorized:	Channel 206B - 89.1 MHz
Effective Radiated Power:	0.42 kilowatt (H/V)
Geographic Coordinates:	North Latitude 38° 39' 23"
	West Longitude 122° 36' 54"
Antenna Center of Radiation:	Above Ground 22.0 meters
	Above MSL 1241.0 meters
	HAAT 844.0 meters
Antenna Structure Registration #:	N/A