

KQNV 89.9 FALLON, NV STA APPLICATION INFORMATION

This application proposes a new modified engineering STA for KQNV, 89.9, Fallon, NV. This STA would use a new site that is planned to be the permanent location of this FM antenna. This site is on the rooftop of an old defunct AM radio station transmitter building.

KQNV has not been able to operate from its licensed site because it lost its site because of a lost lease issue. A new site has been found for the station. This STA replaces a previous STA at a different location that recently expired. All of the equipment is on hand nearby and is ready to be installed quickly.

The public interest would be served by granting this STA request as KQNV is one of very few signals in this rural part of Nevada.

Technical Parameters of this STA site:

Coordinates (NAD83): 39-26-23.2 N. Lat.; 118-46-49.9 W. Long

Structure total height: 8 meters AGL

Building rooftop height: 4 meters AGL

Tower ASR: NA

Ground Elevation: 1207 meters

Antenna COR Height: 8 meters AGL; 1215 meters AMSL

Antenna: Nicom BKG1P; One Bay Vertically Polarized Non-Directional Antenna

Antenna Gain: 1.00

Effective Radiated Power: 99 watts

Coax Line Loss: 89.1% or 0.891

Transmitter Power Output: 111.1 watts

The Licensee here requests a 6 month Engineering STA to return the KQNV operation to air. This will allow time to file a construction permit for a permanent operation and install equipment for this operation.

Contour Analysis

Kevin Fitzgerald
Job: KNVR STA.fmj
Master Database: 2023_Jun_30.fmd
Lat: N39:26:23 Lon: W118:46:50 NAD-83
Scale: 1:300000
Channel: 210 Class: A
Status: Licensed, Construction Permit, Application
Channels: Co-Channel
Range: 100 km, Clearance: -0.5km
Comments: No Comments
Description: KQNV, 89.9, Fallon, NV; AM Site STA

rfInvestigator Version 3.8.16
by rfSoftware, Inc.
Date: 4/26/2024 12:22:31 PM
Key:
City Grade
Protected
Co-Channel
1st Adj
2nd/3rd Adj

