

KNVR 102.5 FALLON, NV STA APPLICATION INFORMATION

This application proposes an engineering STA for KNVR, 102.5, 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.

KNVR has not been able to operate from its licensed site because it lost its site caused by the death of the landlord. A new site has been found for the station. 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 KNVR 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: 5 meters AGL

Tower ASR: NA

Ground Elevation: 1207 meters

Antenna COR Height: 5 meters AGL; 1212 meters AMSL

Antenna: Shively 6812-1; One Bay Circularly Polarized Non-Directional Antenna

Antenna Gain: 0.46

Effective Radiated Power: 5 watts

Coax Line Loss: 91.3% or 0.913

Transmitter Power Output: 11.9 watts

The Licensee here requests a 6 month Engineering STA to return the KNVR 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: 1:150000
Channel: 273 Class: A
Status: Licensed, Construction Permit, Application, Addition
Channels:
Range: 100 km, Clearance: -0.5km
Comments: No Comments
Description: KNVR, 102.5, Fallon, NV; STA 60 dBu to Lic 60 dBu

rfInvestigator Version 3.8.16
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Date: 3/19/2024 11:55:19 AM
Key:
City Grade
Protected
Co-Channel
1st Adj
2nd/3rd Adj

