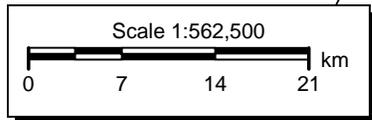
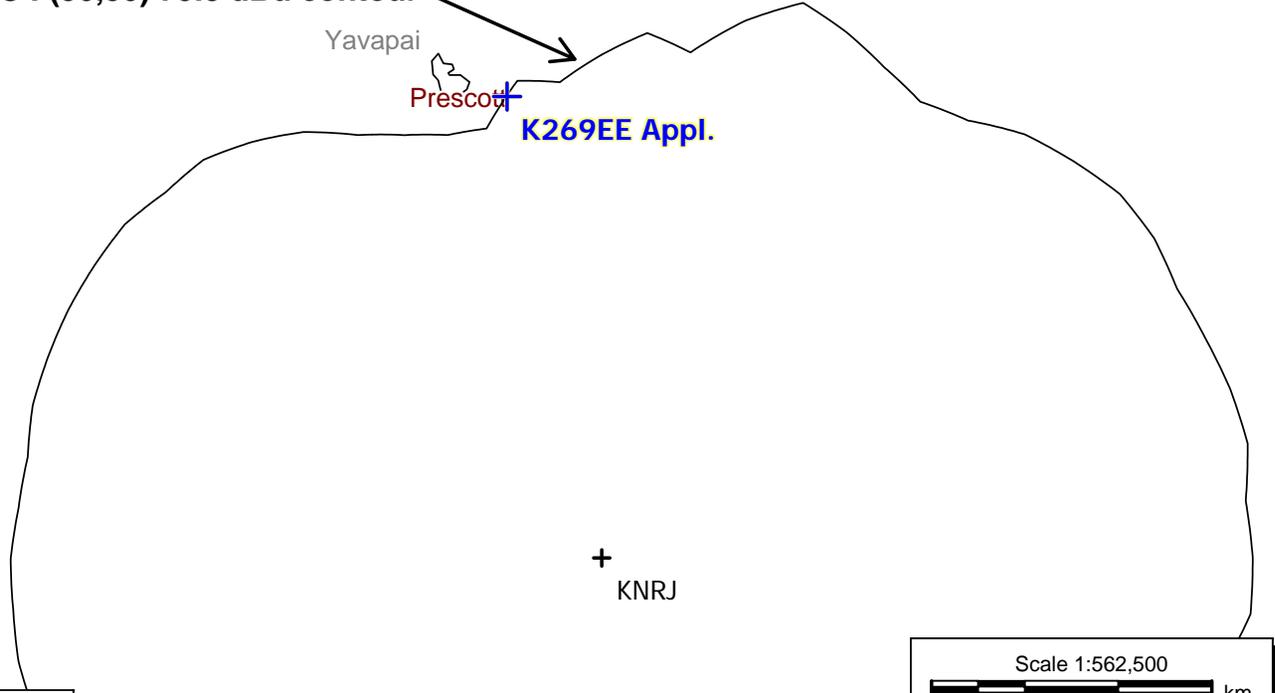


**K269EE Appl.**  
BLFT19920403TD  
Latitude: 34-32-27 N  
Longitude: 112-25-40 W  
ERP: 0.25 kW  
Channel: 269  
Frequency: 101.7 MHz  
AMSL Height: 1935.0 m  
Elevation: 1917.0 m  
Horiz. Pattern: Omni  
Vert. Pattern: No  
Prop Model: FCC Model  
Loc. Variability: 50.0%  
Time Variability: 50.0%  
HAAT Mthd: FCC

**KNRJ**  
Cordes Lakes, AZ  
BLH20120321AET  
Latitude: 34-13-47 N  
Longitude: 112-21-03 W  
ERP: 40.00 kW  
Channel: 266  
Frequency: 101.1 MHz  
AMSL Height: 2323.0 m  
Elevation: 2271.0 m  
Horiz. Pattern: Omni  
Vert. Pattern: No  
Prop Model: FCC Model  
Loc. Variability: 50.0%  
Time Variability: 50.0%  
HAAT Mthd: FCC

**EXHIBIT 13-C SECTION 73.1204 Contour Protection - KNRJ**  
The KNRJ FCC F(50,50) contour at K269EE is 79.8 dBu.  
Therefore the K269EE F(50,10) interfering contour with respect to KNRJ is 119.8 dBu, which extends 113 meters from the tower.  
The nearest occupied building is 290 meters (951 ft.) from the K269EE transmit site.

**KAHM FCC F(50,50) 79.8 dBu contour**



## Screen 3 - Results

### Results of Calculation

**Distance to Contour = 0.113 kilometers**

Back to Numeric Entries

Back to Initial Selections

**Input Data** from Screens 1 and 2

ERP = 0.250 kW

HAAT = 197.0 meters

Field Strength = 119.8 dBu

**Distances** are in **meters and kilometers**

**Power** is in **kW (kilowatts)**

**Field Strength** is in **dBu**

**FM and NTSC TV Channels 2 through 6**

**F(50,10)** for interfering contours selected

**Find Distance, given a Field Strength**



← Nearest Occupied Building  
(290 meters from tower)

K269EE

Echo Hills Cir

Whispering Way Cir

Nightstar Cir

W Lee Blvd

Google earth

© 2014 Google

900 ft

Google earth

feet  
meters



2000  
600





Google earth

feet  
meters

