

**KWJK Appl**

Latitude: 38-56-31 N  
Longitude: 092-34-32 W  
ERP: 16.50 kW  
Channel: 226  
Frequency: 93.1 MHz  
AMSL Height: 329.5 m  
Elevation: 215.0 m  
Horiz. Pattern: Directional  
Vert. Pattern: No  
Prop Model: None

**KGRC**

BLH20001218AAF  
Latitude: 39-43-48 N  
Longitude: 091-24-19 W  
ERP: 100.00 kW  
Channel: 225  
Frequency: 92.9 MHz  
AMSL Height: 475.72 m  
Elevation: 218.0 m  
Horiz. Pattern: Omni  
Vert. Pattern: No  
Prop Model: None

**FCC Section 73.215**

Contour Protection:

KGRC CH225C1

Hannibal, MO

(KGRC contours shown as  
100 kW @ 299 m HAAT.)

**FCC Contours Legend:**

F(50,50) 60 dBu = black

F(50,10) 54 dBu = red

**HORIZON**  
BROADCAST SOLUTIONS

