

## Proposed Translator Richmond, VA (W300DK relocated on Channel 299)

- Proposed (299)
- W300DK (300)
- WLES AM

### W300DK - CH300

Richmond, VA  
Freq: 107.9 MHz  
BLFT20171017AAI  
Latitude: 37-30-51.97 N  
Longitude: 077-30-27.95 W  
ERP: 0.045 kW  
RCAMSL: 201.0 m  
Elevation: 70.0 m  
HAAT: 0.0  
Pattern: Omni  
11/7/2019

### WLES AM 590 kHz

Bon Air, VA  
FAC ID: 72504

### Proposed - CH299

Mechanicsville, VA  
Freq: 107.7 MHz  
  
Latitude: 37-37-17.30 N  
Longitude: 077-22-14.10 W  
ERP: 0.25 kW  
RCAMSL: 165.2 m  
Elevation: 58.5 m  
HAAT: 125.64  
Pattern: Directional  
11/7/2019

FCC FM Model Software predicts a worst case power density from the proposed translator antenna of  $0.181142225817 \mu\text{W}/\text{cm}^2$  at 165 meters from the tower, near the ground.



Scale 1:250,000  
0 3 6 9 km

60 dBu

Day 2 mV/m

Proposed

W300DK  
WLES AM

60 dBu