

# 100% Community of License Coverage for WVDM(FM) Construction Permitted and Measured Pattern

## WVDM.CP

BMPED20110610ADG  
Latitude: 37-16-33.60 N  
Longitude: 081-15-03.60 W  
ERP: 50.00 kW  
Channel: 203  
Frequency: 88.5 MHz  
AMSL Height: 846.0 m  
Elevation: 792.0 m  
Horiz. Pattern: Directional  
Vert. Pattern: No  
Prop Model: None

## WVDM

Measured Pattern  
Latitude: 37-16-33.60 N  
Longitude: 081-15-03.60 W  
ERP: 50.00 kW  
Channel: 203  
Frequency: 88.5 MHz  
AMSL Height: 846.0 m  
Elevation: 792.0 m  
Horiz. Pattern: Directional  
Vert. Pattern: No  
Prop Model: None

- WVDM(FM) - 60 dBu F(50,50) Construction Permitted Pattern
- WVDM(FM) - 60 dBu F(50,50) Measured Pattern

Bluefield, WV  
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Scale 1:489,583

0 6 12 18 km

Exhibit 10.4

V-Soft Communicati