

**Richmond, IN - W233AN**  
**Service Contour Study:**  
**Licensed vs STA Operations**

*Present 60 dBμ F(50:50) Contour*

*Proposed STA 60 dBμ F(50:50) Contour*

**W233AN.STA**

**W233AN.L**

Spring Grove

Richmond

**W233AN.L**  
Richmond, IN  
BLFT20060508AAS  
Facility ID: 140563  
Lat(NAD83): 39-49-44.10 N  
Long(NAD83): 084-53-16.80 W  
ERP: 0.12 kW  
Channel: 233D (94.5 MHz)  
AMSL Height: 316.0 m  
Horiz. Pattern: Omni

60 dBμ F(50:50) Contour  
Total Population: 39,891  
Total Area: 110.6 sq. km

**W233AN.STA**  
Richmond, IN  
Proposed STA Operation  
Facility ID: 140563  
Lat(NAD83): 39-49-41.90 N  
Long(NAD83): 084-55-57.40 W  
ERP: 0.0015 kW  
Channel: 233D (94.5 MHz)  
AMSL Height: 309.5 m  
Horiz. Pattern: Omni

60 dBμ F(50:50) Contour  
Total Population: 6,666  
Total Area: 12.9 sq. km

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US Census 2020 PL Database  
NED 03 SEC Terrain Database  
NAD 1983 Coordinate Datum

Terrain

243

378 m

Scale 1:75,000

