

Overlap Area Type: Intersection  
Areas Included:  
WCOA-FM Proposed (203): FCC F(50-50) 60.00 dBu (FCC HAAT)  
PGON: Johnstown, PA (2/2)

Population Database: 2010 US Census (PL)  
  
Total Population: 22,152  
Overlap Area: 16.23 sq. km (Area determined using 0.023 km cells)

Area Description	Total Population	Total Area [sq. km]	Percent Population	Percent Area
WCOA Proposed (203): FCC F50-50	302,629	6,150	7.3 %	0.3 %
PGON: Johnstown, PA	22,152	16.23	100.0 %	100.0 %

**WCOA-FM Community of License Coverage**  
**Note: 100% of the Community of License is Contained Within the Antenna Proof 60dbu Service Contour**

**WCOA-FM Proof Pattern**  
  
Latitude: 40-36-15.50 N  
Longitude: 079-02-22.40 W  
ERP: 10.00 kW  
Channel: 203  
Frequency: 88.5 MHz  
AMSL Height: 701.8 m  
Elevation: 585.8 m  
Horiz. Pattern: Directional  
Vert. Pattern: No  
Prop Model: None

