

A licensee desiring FM Digital ERP in excess of -14 dBc is required to calculate the station's analog F(50,10) field strength at all points on the protected 60 dBu F(50,50) contour of a potentially affected first-adjacent channel analog FM station. This calculation must be done using the station's licensed analog facilities and the standard FCC contour prediction methodology. Once the most restrictive analog F(50,10) field strength of the proponent station has been determined, the licensee will use the following table to determine the proponent station's maximum permissible FM Digital ERP:

Proponent Analog F(50,10) Field Strength at Protected Analog 60 dBu F(50,50) Contour Maximum Permissible FM Digital ERP

- 51.2 dBμ and above -14 dBc (4.0% Analog Power)
- 50.7 dBμ - 51.1 dBμ -13 dBc (5.0% Analog Power)
- 50.3 dBμ - 50.6 dBμ -12 dBc (6.3% Analog Power)
- 49.6 dBμ - 50.2 dBμ -11 dBc (7.9% Analog Power)
- 49.5 dBμ - or less -10 dBc (10.0% Analog Power)

WWFW(FM) - Fort Wayne, IN First Adjacent Channel HD-FM Max Power Study

WWFW.L
Fort Wayne, IN
BLH19890821KC
Facility ID: 56765
Latitude: 41-06-32 N
Longitude: 085-09-55 W
ERP: 3.00 kW
Channel: 280A
Frequency: 103.9 MHz
AMSL Height: 347.0 m
Horiz. Pattern: Omni

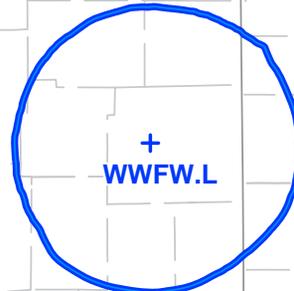
49.5 dBu F(50:10)



+
WYUR



+
WHZR



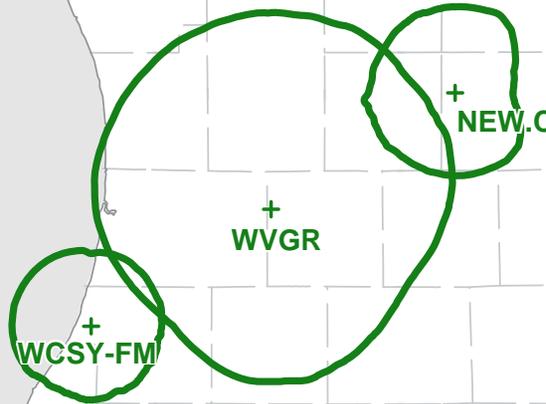
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WWFW.L



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WCKY-FM



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WLBC-FM



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WVGR

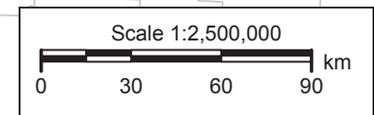
+
WCSY-FM

+
NEW.C

Call	Sign	Lic	Chan	City	ST	kW
WWFW.L	LIC	280A		Fort Wayne	IN	3.0
NEW.C	CP	279A		Hubbardston	MI	6.0
WHZR	LIC	279A		Royal Center	IN	6.0
WCSY-FM	LIC	279A		South Haven	MI	3.0
WCKY-FM	LIC	279B		Pemberville	OH	50.0
WLBC-FM	LIC	281B		Muncie	IN	41.0
WVGR	LIC	281B		Grand Rapids	MI	96.0
WYUR	LIC	279A		Gilman	IL	3.6



NED 03 SEC Terrain Database
US Census 2010 PL Database



Proposed Contours: 60.0 dBu F(50:50) Regardless of Class