WI-Rhinelander

Winwood Lifestyle Educational Radio Corporation

No prohibited interference will be caused by the grant of this application for a new LPFM radio station. Minimum spacings have been fully met according to rule 73.807.

FMCommander ©V-Soft Communications® Minimum Spacings

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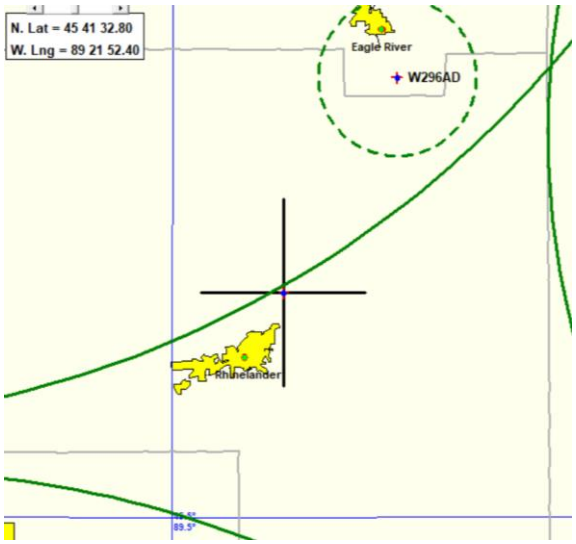
Spacings Mode DATA:11-08-23 - ZN2

N. Lat. 45 41 32.80 | 516 m COR | Current Tables | Rhinelander WI | L | wi-rhinel.vsf
W. Lng. 89 21 52.40 | 0.1 kW | CH 294, 106.7 MHz, L1 | 28.0 m HAAT | WI-Rhinel | 12-09-23

Call	Type	Ch	Location		Azi	Dist	FCC	Margin
WUPM	LIC	295C1	Ironwood	MI	330.3	100.04	99.5	0.54
W296AD	LIC	296D	Eagle River	WI	27.9	23.13	7.5	15.6
WYTE	LIC	293C1	Marshfield	WI	198.4	122.67	99.5	23.2
WHTO	LIC-Z	294C3	Iron Mountain	MI	81.6	103.77	77.5	26.3
W292CG	LIC	292D	Land O' Lakes	WI	13.5	50.19	7.5	42.7
WPAK-FM	LIC-Z	295A	Tigerton	WI	162.8	126.94	55.5	71.4
W296DL	LIC	296D	Medford	WI	232.7	96.36	13.5	82.9

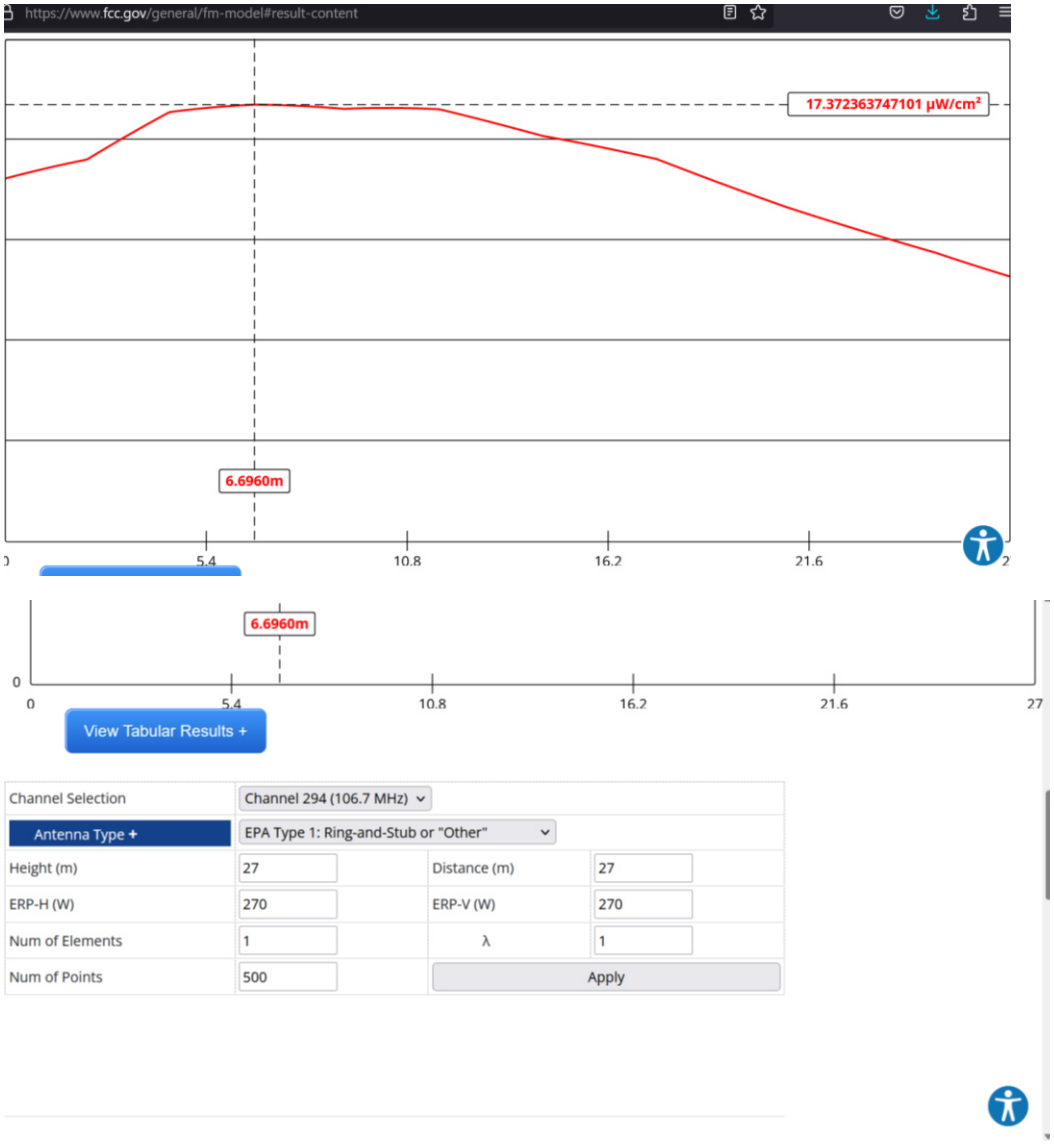
End of Screen List, Cardinal Radials = 36



No AM radio antennas are situated within 3 miles of this proposed LPFM station.

No FM translator input frequencies are known to exist within 10 miles.

RF Safety

The new LPFM antenna will be installed on an existing tower collocated with W298BV, 107.5 FM.

Since both antennas are mounted no lower than 27 meters above ground level, non-ionizing radiation at ground level of the combined RF signals (170 watts + 100 watts = 270 watts) is well below the maximum permissible power density of 200 uW/cm2 (30 minutes exposure) for the general public, as outlined in FCC OET BULLETIN 56, Fourth Edition, August 1999.