

Frequently Asked Questions

Q. How far will my transmitter broadcast?

A. The best way to find out is to use this link to the FCC calculator

<http://www.fcc.gov/mb/audio/bickel/curves.html>. Once on this page - scroll down:

Choose either *miles or kilometers*.

Choose either ***F (50, 50) curves for Service Contours (FM & NTSC TV)*** or F (50, 10) for Interfering Contours.

Choose ***Distance***.

Click on ***Submit*** Choices.

On page 2 – enter:

ERP in kilowatts, e.g., 500 watts is .50, 50 watts is .050, etc.

HAAT (height above average terrain) enter height of antenna from the ground if it is clear of any obstructions, i.e., other buildings, terrain, etc. If your antenna is mounted 100 feet from the ground, but it is surrounded by other 100 foot or higher objects, then you would enter 0.

Enter field strength (***dBu***) as ***60***.

Click ***Go to Page 3*** for results.