

ATS Radio Challenge:

Here's an exercise to get us operating our portable multiband radios from manufacturers such as Grundig, Sony, XHDATA, Tecsun, Sangean, and so on.

If you own a digital multiband radio that has an 'ATS' search function, that being a function where the radio will scan the selected band and store stations to memory automatically, this challenge is designed to see what your radio can hear from your location.

Here's your task: During daylight hours (preferably around midday or as close to it as possible) we would like you to scan the AM broadcast band, the FM broadcast band, and the shortwave band, and record how many stations your radio finds and stores to memory for each band.

Rules:

- No external antennas! No loops. No anything.
- For FM & SW, the whip antenna will be fully extended, and fixed vertically.
- For AM – you will use the internal ferrite rod antenna, and do **two** scans. One with the radio facing East-West, and one facing North-South. Duplicated stations between the two scans will count as one station. (i.e. 660 is received in both directions, that will count as one station reception. 770 is received in one direction but not the other, that is one station reception.)
- Radio's that use the telescopic whip antenna for AM reception will follow the same rule for FM & SW, fully extended vertically.

You must do this challenge from your residence! Indoors or outdoors is your preference, but it must be within 100 feet of your residence.

This is not a contest, no prizes will be awarded. This is an experiment to see how many strong signals are received in different locations around the region. You may use any radio of your choice so long as it meets the above criteria.

Results will be polled and discussed on the Monitoring net on Tuesday, April 15th.