

The 2003 ARRL Frequency Measuring Test

In 2002, the Frequency Measuring Test attracted 137 participants from across the continental US, Canada, Europe and Hawaii. They were able to measure the transmission frequencies to within a few parts per million (ppm). The 2003 test will be conducted in essentially the same format, although transmissions will be longer to give stations more time to make a measurement. Last year's results can be found at www.arrl.org/w1aw/fmt/fmtResults.pdf.

If you're thinking about giving the Frequency Measuring Test a try, here's a *QST* article that covers the basics: www.arrl.org/w1aw/fmt/0210051.pdf. This article, "The ARRL Frequency Measuring Tests" by Ward Silver, NØAX, originally appeared in October 2002 *QST*. If you'd like more information about the equipment that will be in use at W1AW to generate the test signals, take a look at www.arrl.org/w1aw.html. For more information about the FMT, including a list of reference articles and updates to test schedules, the Fre-

quency Measuring Test Web page is at www.arrl.org/w1aw/fmt.

Schedule

The W1AW FMT will run on November 20, 2003 at 0245Z (9:45 PM EST November 19). It will replace the W1AW Phone Bulletin normally scheduled at that time. It is recommended that participants listen to W1AW's transmissions prior to the event to get an idea of conditions in order to see which band (or bands) will be best for measurement purposes.

Format

The FMT will begin with a general W1AW (QST) call beginning exactly at 0245Z sent simultaneously on four amateur frequencies. The test will consist of three 60-second key-down transmissions, followed by a series of dits, followed by station identification.

The test will last for a period of approximately 15 minutes total. The test will end with a series of Vs, followed by station identification. W1AW will iden-

tify before, during and after the transmissions.

The approximate frequencies are as follows:

80 meters	3,584 kHz
40 meters	7,049 kHz
20 meters	14,051 kHz
15 meters	21,054 kHz

Reporting and Results

The submitted report should include the time of reception, frequency measured and signal report, in addition to name, call and location. If possible, participants should submit reports on more than one band (but not necessarily on all four).

A Certificate of Participation will be available to all entrants. Entrants who come closest to the measured frequency as measured by the ARRL Laboratory will be listed in the test report and will also receive special recognition on their certificate.

Entries should be postmarked by December 19, 2003 to be eligible. Send entries to W1AW/FMT, 225 Main St, Newington, CT 06111. 