

# Frequency Measuring Test — November 2025

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The November Frequency Measuring Test (FMT) will have two transmitting stations: Michael Suhar, W8RKO, in Ohio, and Connie Marshall, K5CM, in Oklahoma. Transmissions will be made on 40 and 80 meters, in that order. This should give stations throughout North America an opportunity to receive and measure a strong signal.

If you've never entered an FMT before, information on how to measure the frequency of a carrier is available at <https://fmt.arrl.org>.

## Measurement Software

If you're using *WSJT-X*, you have what you need to effectively participate in the FMTs. The software suite includes tools for accurate frequency calibration. Detailed instructions are provided in the *WSJT-X* User Guide at [https://wsjt.sourceforge.io/wsjsx-doc/wsjsx-main-2.7.0.html#\\_frequency\\_calibration](https://wsjt.sourceforge.io/wsjsx-doc/wsjsx-main-2.7.0.html#_frequency_calibration).

## FMT Schedule and Format

The FMT “runs” will start with a call up by W8RKO at 0230 UTC on November 7 (Thursday evening in North America). The call-up frequency may not be the same exact frequency as during the key-down period (it may shift as much as 10 Hz). Although the call up is scheduled to start at a specific time, both stations will try to start earlier to establish a clear frequency. Every effort will be made to start key down at the published time in Table 1. The key-down period will be 1 minute.

Measure the transmitted frequency and report your results at <https://fmt.arrl.org/fmtentry.php>. Please include notes and observations about making your measurement, including the equipment used and any special techniques. Results must be submitted by 0200 UTC on November 10, at which time they'll be published on the website. Stations submitting measurements within 1 Hz for all transmissions from W8RKO and K5CM will be listed in the “Green Box” of the results, as shown in Figure 1.

**Table 1**  
**Frequency Measuring Test Schedule**

Start: November 7 at 02:30 UTC

(Thursday evening in North America)

Results: Submit measurements online until November 10 at 02:00 UTC (Sunday evening in North America)

### 40 Meters: W8RKO near 7064 kHz

02:30 Call up

02:35 Key down

02:36 End 40-meter run

### 40 Meters: K5CM near 7065 kHz

02:45 Call up

02:50 Key down

02:51 End 40-meter run

### 80 Meters: W8RKO near 3598 kHz

03:00 Call up

03:05 Key down

03:06 End 80-meter run

### 80 Meters: K5CM near 3599 kHz

03:15 Call up

03:20 Key down

03:21 End 80-meter run

If there's interference on the published frequency, tune around to find the FMT transmissions.

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Frequency Measuring Tests

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### Results - November 8, 2024 FMT

#### Actual Radio Frequencies (Hz):

	80m	40m
W8RKO	3,597,487.10	7,064,321.70
K5CM	3,599,122.97	7,065,343.13

#### W8RKO, K5CM All (<=1.0 Hz):

AA6LK, AC9LV, AD7G, AF9A, AJ4YA, AJ5P, GW4BVE, K5CM, K5ND, KA5QEP, KB3HF, KB4XR, KD2BD, KD5FX, KD8RV, KE6ZLX, KJ6HYC, KN1H, N3FG, N5IY, N5TNL, N7WS, N8LR, N8OBJ, N9BPL, VE2IQ, VE3GSO, VE3YX, W1HB, W1QG, W2FD, W2TX, W5SSV, W6OQI, W7SUA, W8WTS, W9GAJ, W9GR, W9INE, WA5FRF, WA9VEZ, WO7V, WQ8T

**Figure 1** — Stations with measurements within 1 Hz for all transmissions from W8RKO and K5CM will be listed in the “Green Box” of the results.