

April 2021 Frequency Measuring Test

The format for the April Frequency Measuring Test (FMT) will include two transmit stations — K5CM in Oklahoma and W8RKO in Ohio. Transmissions will be made on three bands: 30, 40, and 80 meters. For those interested in checking WWV and using it as a guide to the current Doppler shift, the 30-meter run is only 100 kHz higher.

The FMT will start with a “call up” at 0130 UTC on April 9 (Thursday evening in North America). Measure the transmitted frequency and report your results at fmt.arrl.org. Results must be submitted by 0200 UTC on April 12, at which time the results will

be published on the website. Stations submitting measurements within ± 1 Hz for all six transmissions will be listed in the “Green Box” of the results.

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, K5CM will try to start earlier. Every effort will be made to start key down at the published time. The key-down period will be 1 minute.

K5CM

30-meter schedule near 10103 kHz
01:30 Call up
01:33 Key down
01:34 End 30-meter run

W8RKO

30-meter schedule near 10103 kHz
01:45 Call up
01:48 Key down
01:49 End 30-meter run

K5CM

40-meter schedule near 7064 kHz
02:00 Call up
02:03 Key down
02:04 End 40-meter run

W8RKO

40-meter schedule near 7064 kHz
02:15 Call up
02:18 Key down
02:19 End 40-meter run

K5CM

80-meter schedule near 3598 kHz
02:30 Call up
02:33 Key down
02:34 End 80-meter run

W8RKO

80-meter schedule near 3598 kHz
02:45 Call up
02:48 Key down
02:49 End 80-meter run