

## Off Air Tuning Information



Thank you for contacting WLKY and for watching CBS Television and MeTV Louisville. Following the broadcast channel, “Repack” frequency change, this sheet will provide information to enable you to rescan your TV set tuner and stay with WLKY-TV. You’ll also find this information helpful to achieve the best possible long-term results with your off-air signal reception.

WLKY Virtual Channels: 32.1, (CBS) and 32.2 (MeTV Louisville) RF Channel: UHF 14

Below are several industry web sites with excellent information on DTV television transmission characteristics and reception:

[www.antennaweb.org](http://www.antennaweb.org)

<http://www.tvfool.com> (*Don’t be fooled by the name, you’ll find great info!*)

<http://www.hdtvprimer.com>

Over The Air, (OTA) High Definition TV, (HDTV) transmissions carry a great deal of data. This is necessary to provide the excellent picture quality, multi-channel sound and enhanced viewer information you enjoy.

For best results when watching HDTV over the air, it’s important to have a good Digital Television, (DTV) antenna, properly wired, aimed and connected to your set. A proper antenna installation will assure all necessary picture, audio and support data is reliably available for decoding by your HDTV set. Unlike analog TV’s, if a digital TV tuner cannot assemble enough information in a timely manner from the OTA signal, you’ll see picture “tiling” or no video and sound.

In the Louisville TV market, most commercial stations, including WLKY-TV, operate in the UHF band and broadcast from Floyd Knobs Indiana. An exterior panel antenna, securely mounted away from electrical utility power lines and grounded for lightning protection per electrical codes will yield an excellent HD picture in the upper VHF and UHF bands.

If you live in an apartment or single-family structure, built with significant amounts of reinforced masonry, certain coated window systems and/or steel frame construction, the building may have a negative impact on your indoor television reception. A properly installed external antenna, if allowed, will greatly help.

Keep in mind that obstructing hills, tall buildings, dense evergreen foliage and certain weather conditions will hamper the DTV signal. Use the signal strength function of your set’s DTV tuner to adjust your antenna positioning to assure the best possible signal level. Please consult the owner’s manual of your television set for instructions. If you are using multiple sets, live a distance of 50 miles or greater from the transmitter site, or have an obstructed signal situation, you may need amplification at the antenna. Just keep in mind, less is usually better when it comes to added amplification and be sure to follow the installation and operating instructions provided with the amplifier.

If you are limited to an indoor antenna, we’ve found several inexpensive panel, usually stacked dipole, panel or log periodic indoor configurations to offer the best reception results. Depending on the construction of your home, you may also need to consider an amplified interior antenna to achieve good reception. Refer to the web sites listed above for more information and for options.

Stay away from legacy “rabbit ear” or older loop-style UHF indoor antennas. Older exterior beam or

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bat-wing antennas, usually cut for VHF reception, also will offer poor HDTV UHF reception performance. Flat, twin lead and older RG-58 coaxial cable are not recommended for use with HDTV OTA reception.

For best results with any antenna, use a good grade of RG-6 coaxial antenna cable, properly weatherproofed and terminated with securely made F type connectors. If the cable's center conductor is corroded or missing, or if the outer PVC jacket is damaged and the braided cable shield is exposed, repair the connector and/or replace the antenna line. Avoid push-on connectors and make certain all exterior antenna connections are weather-proofed. Silicone stretch tape, rated for UV resistance is the best weatherproofing solution. If through weather exposure, (usually through the connectors) the cable becomes water-logged, replacement is necessary.

It's important to take a look at your exterior antenna, cable and connections at least annually. Winter weather, briny rain and the stormy winds experienced in the Louisville area are a challenge to exterior antenna systems. Bent, missing or corroded antenna elements will degrade your signal. The twin connector to coaxial cable adaptor; called a, "balun" can degrade quickly when exposed to weather if not properly weather-proofed. Consider replacing the balun every five years.

When antenna replacement or repairs are necessary, be sure to hire a professional installer if you are uncomfortable on ladders or uncertain of how to perform repairs. Finally, avoid proximity to or touching of the home's power lines at all times. No antenna component or cable should be attached to or make contact with the home electrical service.

Once again, thank you for watching WLKY TV and MeTV Louisville.

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