

## FEDERAL COMMUNICATIONS COMMISSION

## INFORMATION SHEET

December 2007

Over-the-Air Reception Devices Rule

## Preemption of Restrictions on Placement of Direct Broadcast Satellite, Broadband Radio Service, and Television Broadcast Antennas

**Quick Links to Document Sections Below**

- Questions and Answers
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As directed by Congress in Section 207 of the Telecommunications Act of 1996, the Federal Communications Commission adopted the Over-the-Air Reception Devices ("OTARD") rule concerning governmental and nongovernmental restrictions on viewers' ability to receive video programming signals from direct broadcast satellites ("DBS"), broadband radio service providers (formerly multichannel multipoint distribution service or MMDS), and television broadcast stations ("TVBS").

X The rule (47 C.F.R. Section 1.4000) has been in effect since October 1996, and it prohibits restrictions that impair the installation, maintenance or use of antennas used to receive video programming. The rule applies to video antennas including direct-to-home satellite dishes that are less than one meter (39.37") in diameter (or of any size in Alaska), TV antennas, and wireless cable antennas. The rule prohibits most restrictions that: (1) unreasonably delay or prevent installation, maintenance or use; (2) unreasonably increase the cost of installation, maintenance or use; or (3) preclude reception of an acceptable quality signal.

X Effective January 22, 1999, the Commission amended the rule so that it also applies to rental property where the renter has an exclusive use area, such as a balcony or patio.

On October 25, 2000, the Commission further amended the rule so that it applies to customer-end antennas that receive and transmit fixed wireless signals. This amendment became effective on May 25, 2001.

The rule applies to individuals who place antennas that meet size limitations on property that they own or rent and that is within their exclusive use or control, including condominium owners and cooperative owners, and tenants who have an area where they have exclusive use, such as a balcony or patio, in which to install the antenna. The rule applies to townhomes and manufactured homes, as well as to single family homes.

The rule allows local governments, community associations and landlords to enforce restrictions that do not impair the installation, maintenance or use of the types of antennas described above, as well as restrictions needed for safety or historic preservation. Under some circumstances where a central or common antenna is available, a community association or landlord may restrict the installation of individual antennas. The rule does not apply to common areas that are owned by a landlord, a community association, or jointly by condominium or cooperative owners where the antenna user does not have an exclusive use area. Such common areas may include the roof or exterior wall of a multiple dwelling unit. Therefore, restrictions on antennas installed in or on such common areas are enforceable.

This Information Sheet provides general answers to questions concerning implementation of the rule, but is not a substitute for the actual rule. For further information or a copy of the rule, contact the Federal Communications Commission at 888-CALLFCC (toll free) or (202) 418-7096. The rule is also available via the Internet by going to [links to relevant Orders and the rule](#).

**Q: What types of antennas are covered by the rule?**

A: The rule applies to the following types of antennas:

- (1) A "dish" antenna that is one meter (39.37") or less in diameter (or any size dish if located in Alaska) and is designed to receive direct broadcast satellite service, including direct-to-home satellite service, or to receive or transmit fixed wireless signals via satellite.
- (2) An antenna that is one meter or less in diameter or diagonal measurement and is designed to receive video programming services via broadband radio service (wireless cable) or to receive or transmit fixed wireless signals other than via satellite.
- (3) An antenna that is designed to receive local television broadcast signals. Masts higher than 12 feet above the roofline may be subject to local permitting requirements.

In addition, antennas covered by the rule may be mounted on "masts" to reach the height needed to receive or transmit an acceptable quality signal (e.g. maintain line-of-sight contact with the transmitter or view the satellite). Masts higher than 12 feet above the roofline may be subject to local permitting requirements for safety purposes. Further, masts that extend beyond an exclusive use area may not be covered by this rule.

**Q: What are "fixed wireless signals"?**

A: "Fixed wireless signals" are any commercial non-broadcast communications signals transmitted via wireless technology to and/or from a fixed customer location. Examples include wireless signals used to provide telephone service or high-speed Internet access to a fixed location. This definition does **not** include, among other things, AM/FM radio, amateur ("HAM") radio (but see 47 C.F.R. §97.15), Citizens Band ("CB") radio, and Digital Audio Radio Services ("DARS") signals.

**Q: Does the rule apply to hub or relay antennas?**

A: The rule applies to "customer-end antennas" which are antennas placed at a customer location for the purpose of providing service to customers at that location. The rule does not cover antennas used to transmit signals to and/or receive signals from multiple customer locations.

**Q: What types of restrictions are prohibited?**

A: The rule prohibits restrictions that impair a person's ability to install, maintain, or use an antenna covered by the rule. The rule applies to state or local laws or regulations, including zoning, land-use or building regulations, private covenants, homeowners' association rules, condominium or cooperative association restrictions, lease restrictions, or similar restrictions on property within the exclusive use or control of the antenna user where the user has an ownership or leasehold interest in the property. A restriction impairs if it: (1) unreasonably delays or prevents use of; (2) unreasonably increases the cost of; or (3) precludes a person from receiving or transmitting an acceptable quality signal from an antenna covered under the rule. The rule does not prohibit legitimate safety restrictions or restrictions designed to preserve designated or eligible historic or prehistoric properties, provided the restriction is no more burdensome than necessary to accomplish the safety or preservation purpose.

**Q: What types of restrictions unreasonably delay or prevent viewers from using an antenna? Can an antenna user be required to obtain prior approval before installing his antenna?**

A: A local restriction that prohibits all antennas would prevent viewers from receiving signals, and is prohibited by the Commission's rule. Procedural requirements can also unreasonably delay installation, maintenance or use of an antenna covered by this rule. For example, local regulations that require a person to obtain a permit or approval prior to installation create unreasonable delay and are generally prohibited. Permits or prior approval necessary to serve a legitimate safety or historic preservation purpose may be permissible. Although a simple notification process might be permissible, such a process cannot be used as a prior approval requirement and may not delay or increase the cost of installation. The burden is on the association to show that a notification process does not violate our rule.

**Q: What is an unreasonable expense?**

X A: Any requirement to pay a fee to the local authority for a permit to be allowed to install an antenna would be unreasonable because such permits are generally prohibited. It may also be unreasonable for a local government, community association or landlord to require a viewer to incur additional costs associated with installation. Things to consider in determining the reasonableness of any costs imposed include: (1) the cost of the equipment and services, and (2) whether there are similar requirements for comparable objects, such as air conditioning units or trash receptacles. For example, restrictions cannot require that expensive landscaping screen relatively unobtrusive DBS antennas. A requirement to paint an antenna so that it blends into the background against which it is mounted would likely be acceptable,

provided it will not interfere with reception or impose unreasonable costs.

**Q: What restrictions prevent a viewer from receiving an acceptable quality signal? Can a homeowners association or other restricting entity establish enforceable preferences for antenna locations?**

A: For antennas designed to receive analog signals, such as TVBS, a requirement that an antenna be located where reception would be impossible or substantially degraded is prohibited by the rule. However, a regulation requiring that antennas be placed where they are not visible from the street would be permissible if this placement does not prevent reception of an acceptable quality signal or impose unreasonable expense or delay. For example, if installing an antenna in the rear of the house costs significantly more than installation on the side of the house, then such a requirement would be prohibited. If, however, installation in the rear of the house does not impose unreasonable expense or delay or preclude reception of an acceptable quality signal, then the restriction is permissible and the viewer must comply.

The acceptable quality signal standard is different for devices designed to receive digital signals, such as DBS antennas, digital broadband radio service antennas, digital television ("DTV") antennas, and digital fixed wireless antennas. For a digital antenna to receive or transmit an acceptable quality signal, the antenna must be installed where it has an unobstructed, direct view of the satellite or other device from which signals are received or to which signals are to be transmitted. Unlike analog antennas, digital antennas, even in the presence of sufficient over-the-air signal strength, will at times provide no picture or sound unless they are placed and oriented properly.

**Q: Can a restriction limit the number of antennas that may be installed at a particular location?**

The Commission's rule covers the antennas necessary to receive service. Therefore, a local rule may not, for example, allow only one antenna if more than one antenna is necessary to receive the desired service.

**Q: Are all restrictions prohibited?**

A: No. Clearly-defined, legitimate safety restrictions are permitted even if they impair installation, maintenance or use provided they are necessary to protect public safety and are no more burdensome than necessary to ensure safety. Examples of valid safety restrictions include fire codes preventing people from installing antennas on fire escapes; restrictions requiring that a person not place an antenna within a certain distance from a power line; and installation requirements that describe the proper method to secure an antenna. The safety reason for the restriction must be written in the text, preamble or legislative history of the restriction, or in a document that is readily available to antenna users, so that a person who wishes to install an antenna knows what restrictions apply. Safety restrictions cannot discriminate between objects that are comparable in size and weight and pose the same or a similar safety risk as the antenna that is being restricted.

Restrictions necessary for historic preservation also may be permitted even if they impair installation, maintenance or use of the antenna. To qualify for this exemption, the property may be any prehistoric or historic district, site, building, structure or object included in, or eligible for inclusion on, the National Register of Historic Places. In addition, restrictions necessary for historic preservation must be no more burdensome than necessary to accomplish the historic preservation goal. They also must be imposed and enforced in a non-discriminatory manner, as compared to other modern structures that are comparable in size and weight and to which local regulation would normally apply.

**Q: How does the rule apply to restrictions on radiofrequency (RF) exposure from antennas that have the capability to transmit signals? Can a local restriction require professional installation of receive-only antennas?**

A: All transmitters regulated by the Commission, including the customer-end fixed wireless antennas (either satellite or terrestrial) covered under the amended rule, are required to meet the applicable Commission guidelines regarding RF exposure limits. The limits established in the guidelines are designed to protect the public health with a large margin of safety. These limits have been endorsed by federal health and safety agencies, such as the Environmental Protection Agency and the Food and Drug Administration. The Commission requires that providers of fixed wireless service exercise reasonable care to protect users and the public from RF exposure in excess of the Commission's limits. In addition, as a condition of invoking protection under the rule from government, landlord, and association restrictions, a provider of fixed wireless service must ensure that customer-end antennas are labeled to give notice of potential RF safety hazards posed by these antennas.

It is recommended that antennas that both receive and transmit signals be installed by professional installers to maximize effectiveness and minimize the possibility that the antenna will be placed in a location that is likely to expose subscribers, their families, or others in the area to radiation from the transmit signal at close proximity and for an extended period of time. In general, associations, landlords, local governments and other restricting entities may not require professional installation for receive-only antennas, such as one-way DBS satellite dishes. However, local governments, associations, and property owners may require professional installation for **transmitting** antennas based on the safety exception to the rule. Such safety requirements must be: (1) clearly defined; (2) based on a legitimate safety objective (such as bona fide concerns about RF radiation) which is articulated in the restriction or readily available to antenna users; (3) applied in a non-discriminatory manner; and (4) no more burdensome than necessary to achieve the articulated objectives.

For additional information about the Commission's RF exposure limits, please visit <http://www.fcc.gov/oet/rfsafety> or call the RF Safety Information Line at 202-418-2464.

**Q: Whose antenna restrictions are prohibited?**

A: The rule applies to restrictions imposed by local governments, including zoning, land-use or building regulations; by homeowner, townhome, condominium or cooperative association rules, including deed restrictions, covenants, by-laws and similar restrictions; and by manufactured housing (mobile home) park owners and landlords, including lease restrictions. The rule only applies to restrictions on property where the viewer has an ownership or leasehold interest and exclusive use or control.

**Q: If I live in a condominium or an apartment building, does this rule apply to me?**

X A: The rule applies to antenna users who live in a multiple dwelling unit building, such as a condominium or apartment building, if the antenna user has an exclusive use area in which to install the antenna. "Exclusive use" means an area of the property that only you, and persons you permit, may enter and use to the exclusion of other residents. For example, your condominium or apartment may include a balcony, terrace, deck or patio that only you can use, and the rule applies to these areas. The rule does not apply to common areas, such as the roof, the hallways, the walkways or the exterior walls of a condominium or apartment building. Restrictions on antennas installed in these common areas are not covered by the Commission's rule. For example, the rule would **not** apply to restrictions that prevent drilling through the exterior wall of a condominium or rental unit and thus restrictions may prohibit installation that requires such drilling.

**Q: Does the rule apply to condominiums or apartment buildings if the antenna is installed so that it hangs over or protrudes beyond the balcony railing or patio wall?**

A: No. The rule does not prohibit restrictions on antennas installed beyond the balcony or patio of a condominium or apartment unit if such installation is in, on, or over a common area. An antenna that extends out beyond the balcony or patio is usually considered to be in a common area that is not within the scope of the rule. Therefore, the rule does not apply to a condominium or rental apartment unit unless the antenna is installed wholly within the exclusive use area, such as the balcony or patio.

**Q: Does the fact that management or the association has the right to enter these areas mean that the resident does not have exclusive use?**

A: No. The fact that the building management or the association may enter an area for the purpose of inspection and/or repair does not mean that the resident does not have exclusive use of that area. Likewise, if the landlord or association regulates other uses of the exclusive use area (e.g., banning grills on balconies), that does not affect the viewer's rights under the Commission's rule. This rule permits persons to install antennas on property over which the person has *either* exclusive use *or* exclusive control. Note, too, that nothing in this rule changes the landlord's or association's right to regulate use of exclusive use areas for other purposes. For example, if the lease prohibits antennas and flags on balconies, only the prohibition of antennas is eliminated by this rule; flags would still be prohibited.

**Q: Does the rule apply to residents of rental property?**

A: Yes. Effective January 22, 1999, renters may install antennas within their leasehold, which means inside the dwelling or on outdoor areas that are part of the tenant's leased space and which are under the exclusive use or control of the tenant. Typically, for apartments, these areas include balconies, balcony railings, and terraces. For rented single family homes or manufactured homes which sit on rented property, these areas include the home itself and patios, yards, gardens or other similar areas. If renters do not have access to these outside areas, the tenant may install the antenna inside the rental unit.

Renters are not required to obtain the consent of the landlord prior to installing an antenna in these areas. The rule does not apply to common areas, such as the roof or the exterior walls of an apartment building. Generally, balconies or patios that are shared with other people or are accessible from other units are not considered to be exclusive use areas.

**Q: Are there restrictions that may be placed on residents of rental property?**

A: Yes. A restriction necessary to prevent damage to leased property may be reasonable. For example, tenants could be prohibited from drilling holes through exterior walls or through the roof. However, a restriction designed to prevent ordinary wear and tear (*e.g.*, marks, scratches, and minor damage to carpets, walls and draperies) would likely not be reasonable provided the antenna is installed wholly within the antenna user's own exclusive use area. In addition, rental property is subject to the same protection and exceptions to the rule as owned property. Thus, a landlord may impose other types of restrictions that do not impair installation, maintenance or use under the rule. The landlord may also impose restrictions necessary for safety or historic preservation.

**Q: If I live in a condominium, cooperative, or other type of residence where certain areas have been designated as "common," do these rules apply to me?**

A: The rules apply to residents of these types of buildings, but the rules do not permit you to install an antenna on a common area, such as a walkway, hallway, community garden, exterior wall or the roof. However, you may install the antenna wholly within a balcony, deck, patio, or other area where you have exclusive use.

Drilling through an exterior wall, *e.g.* to run the cable from the patio into the unit, is generally not within the protection of the rule because the exterior wall is generally a common element. You may wish to check with your retailer or installer for advice on how to install the antenna without drilling a hole. Alternatively, your landlord or association may grant permission for you to drill such a hole. The Commission's rules generally do not cover installations if you drill through a common element.

**Q: If my association, building management, landlord, or property owner provides a central antenna, may I install an individual antenna?**

A: Generally, the availability of a central antenna may allow the association, landlord, property owner, or other management entity to restrict the installation by individuals of antennas otherwise protected by the rule. Restrictions based on the availability of a central antenna will generally be permissible provided that: (1) the person receives the particular video programming or fixed wireless service that the person desires and could receive with an individual antenna covered under the rule (*e.g.*, the person would be entitled to receive service from a specific provider, not simply a provider selected by the association); (2) the signal quality of transmission to and from the person's home using the central antenna is as good as, or better than, the quality the person could receive or transmit with an individual antenna covered by the rule; (3) the costs associated with the use of the central antenna are not greater than the costs of installation, maintenance and use of an individual antenna covered under the rule; and (4) the requirement to use the central antenna instead of an individual antenna does not unreasonably delay the viewer's ability to receive video programming or fixed wireless services.

**Q: May the association, landlord, building management or property owner restrict the installation of an individual antenna because a central antenna will be available in the future?**

A: It is not the intent of the Commission to deter or unreasonably delay the installation of individual

antennas because a central antenna may become available. However, persons could be required to remove individual antennas once a central antenna is available if the cost of removal is paid by the landlord or association and the user is reimbursed for the value of the antenna. Further, an individual who wants video programming or fixed wireless services other than what is available through the central antenna should not be unreasonably delayed in obtaining the desired programming or services either through modifications to the central antenna, installation of an additional central antenna, or by using an individual antenna.

**Q: I live in a townhome community. Am I covered by the FCC rule?**

A: Yes. If you own the whole townhouse, including the walls and the roof and the land under the building, then the rule applies just as it does for a single family home, and you may be able to put the antenna on the roof, the exterior wall, the backyard or any other place that is part of what you own. If the townhouse is a condominium, then the rule applies as it does for any other type of condominium, which means it applies only where you have an exclusive use area. If it is a condominium townhouse, you probably cannot use the roof, the chimney, or the exterior walls unless the condominium association gives you permission. You may want to check your ownership documents to determine what areas are owned by you or are reserved for your exclusive use.

**Q: I live in a condominium with a balcony, but I cannot receive a signal from the satellite because my balcony faces north. Can I use the roof?**

A: No. The roof of a condominium is generally a common area, not an area reserved for an individual's exclusive use. If the roof is a common area, you may not use it unless the condominium association gives you permission. The condominium is not obligated to provide a place for you to install an antenna if you do not have an exclusive use area.

**Q: I live in a mobile home that I own but it is located in a park where I rent the lot. Am I covered by the FCC rule?**

A: Yes. The rule applies if you install the antenna anywhere on the mobile or manufactured home that is owned by you. The rule also applies to antennas installed on the lot or pad that you rent, as well as to other areas that are under your exclusive use and control. However, the rule does not apply if you want to install the antenna in a common area or other area outside of what you rent.

**Q: I want a conventional "stick" antenna to receive a distant over-the air television signal. Does the rule apply to me?**

A: No. The rule does not apply to television antennas used to receive a distant signal.

**Q: I want to install an antenna for broadcast radio or amateur radio. Does the rule apply to me?**

A: No. The rule does not apply to antennas used for AM/FM radio, amateur ("ham") radio (see 47 C.F.R. §97.15), Citizen's Band ("CB") radio or Digital Audio Radio Services ("DARS").

**Q: I want to install an antenna to access the Internet. Does the rule apply to me?**

A: Yes. Antennas designed to receive and/or transmit data services, including Internet access, are included in the rule.