

City of Glendale California

Note this supercedes an earlier 800 MHz ordinance

Sec. 15.28 PUBLIC SAFETY COMMUNICATIONS AMPLIFICATION SYSTEMS

15.28.010 Definitions.

For the purposes of this chapter, the following words and phrases shall have the meanings ascribed to them unless otherwise noted:

“Public Safety Communications Systems” means wireless communications systems utilized by the City of Glendale.

15.28.020 Radio Coverage.

Except as otherwise provided, no person shall maintain, own, erect, construct, or modify any building or structure or any part thereof, or cause the same to be done which fails to support adequate wireless coverage for City emergency service workers, including but not limited to firefighters and police officers. For purposes of this section, adequate voice radio coverage shall include all of the following:

A. A minimum Delivered Audio Quality of 3.0 (as defined by the National Telecommunication and Information Administration) received in 95% of the area of each floor of the building when transmitted from Public Safety Communications Systems of the City of Glendale;

B. A minimum Delivered Audio Quality of 3.0 (as defined by the National Telecommunication and Information Administration) received by Public Safety Communications Systems of the City when transmitted from 95% of the area of each floor of the building; and

C. The frequency range which must be supported shall be: downlink 470.0 MHz to 470.8 MHz, 482.0 MHz to 482.8 MHz, and 484.0 MHz to 484.8 MHz; uplink 473.0 MHz to 473.8 MHz, 485.0 MHz to 485.8 MHz, 487.0 MHz to 487.8 MHz.

D. In addition to the Delivered Audio Quality as required by Sections A and B of this chapter, the following minimum signal strength measurements shall be met.

i. Minimum Radio Coverage into building. A minimum signal strength of -95 dBm available in all areas of the building when transmitted from the agency's radio system. For purposes of this section, 90% building coverage is considered to be all areas of the building.

ii. Minimum Signal Strength out of building. A minimum signal strength of -100 dBm received by the agency's radio system when transmitted from all areas of the building. For purposes of this section, 90% building coverage is considered to be all areas of the building.

15.28.030 Testing Procedures.

A. Initial Testing. Initial testing shall be performed by City employees. A building permit shall not be issued for any structure if the building fails to comply with this chapter.

B. Annual Testing. Annual testing shall be conducted by the Glendale Fire Department or their representatives in conjunction with inspection procedures.

C. Additional Testing. The City, after providing reasonable notice to the owner or his representative, shall have the right to enter onto the property to conduct additional testing to confirm ongoing compliance with this chapter.

15.28.040 Amplification Systems Allowed.

Buildings and structures which cannot support the signal levels set forth in section 15.28.020 shall be equipped with a radiating cable system or a system of multiple indoor antennas to maintain such signal levels at all times. The radiating cable system or internal multiple antenna system may include one or more Federal Communications Commission type-accepted bidirectional radio frequency amplifiers. If any part of the installed system contains an electrically powered component, the system shall be capable of operating on an independent battery and/or generator system for a period of at least twenty-four (24) hours without external power input. Any battery system employed shall automatically recharge in the presence of an external power input. In the event that a signal booster is employed, it shall be fully encased within a dust and water resistant case.

15.28.050 Exemptions.

This chapter shall not apply to any single family residence or any building or structure constructed with a wood frame, where there is no use of any metal construction or any underground storage or parking areas. For purposes of this section, stairwells are included in the definition of "any building or structure."

15.28.060 Existing Buildings and Structures.

A. Any nonexempt building or structure existing, under construction or for which a building permit application is pending or has been approved as of the effective date of this chapter, shall comply with the requirements of this chapter if the Glendale Fire Department or the Glendale Police Department or their representatives determine that adequate radio coverage as defined in section 15.28.020 does not exist in the building or structure. The owner of the building or structure shall be notified, in writing, of the inadequacy of the coverage and shall have a period of 180 calendar days from the date of the notice to comply with this chapter.

15.28.070 Microwave and Optical Links.

A. A building permit shall not be issued for any structure if the structure interferes in any way with point-to-point microwave or optical links used for the Public Safety Communications Systems of the City.

B. It shall be the responsibility of the owner to provide for the relocation or replacement of such point-to-point microwave or optical links as may be required by the City.

15.28.080 Wireless Data.

A. A building permit shall not be issued for any structure if the structure interferes in any way with the functioning of wireless data systems operated by the City.

B. It shall be the responsibility of the owner to install new wireless data access points or to relocate existing wireless data access points as may be required by the City.

15.28.090 Penalties.

Any person violating any provision of this chapter shall be subject to a fine in accordance with the General Penalty provisions of this Code as set forth in Chapter 1.20 of said Code.