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INFORMATION
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Urbanized area	Geographic center		Bands (MHz)	TV channels
	North latitude	West longitude		
Los Angeles, CA [4]	34°03′15.0″	118°14′31.3″	470–476, 482–488, 506–512	14, 16, 20
Miami, FL	25°46′38.4″	80°11′31.2″	470–476	14
New York, NY/NE NJ	40°45′06.4″	73°59′37.5″	470–476, 476–482, 482–488	14, 15, 16
Philadelphia, PA	39°56′58.4″	75°09′19.6″	500–506, 506–512	19, 20
Pittsburgh, PA	40°26′19.2″	79°59′59.2″	470–476, 494–500	14, 18
San Francisco/Oakland, CA	37°46′38.7″	122°24′43.9″	482–488, 488–494	16, 17
Washington, DC/MD/VA	38°53′51.4″	77°00′31.9″	488–494, 494–500	17, 18

[1] In the Chicago, IL, urbanized area, channel 15 frequencies may be used for paging operations in addition to low power base/mobile usages, where applicable protection requirements for ultrahigh frequency television stations are met.
[2] Channels 14 and 15 are not available in Cleveland, OH, until further order from the Commission.
[3] Channels 15 and 16 are not available in Detroit, MI, until further order from the Commission.
[4] Channel 16 is available in Los Angeles, CA, for use by eligibles in the Public Safety Radio Pool.

(c) The band 482–488 MHz (TV Channel 16) is available for use by eligibles in the Public Safety Radio Pool in the following areas: New York City; Nassau, Suffolk, and Westchester counties in New York State; and Bergen County, New Jersey. All part 90 rules shall apply to said operations, except that:

(1) *Location of stations*. Base stations shall be located in the areas specified in this paragraph (c). Mobile stations may operate throughout the areas specified in this paragraph (c) and may additionally operate in areas not specified in this paragraph (c) provided that the distance from the Empire State Building (40° 44′ 54.4″ N, 73° 59′ 8.4″ W) does not exceed 48 kilometers (30 miles).

(2) *Protection criteria*. In order to provide co-channel television protection, the following height and power restrictions are required:

(i) Except as specified in paragraph (c)(2)(ii) of this section, base stations shall be limited to a maximum effective radiated power (ERP) of 225 watts at an antenna height of 152.5 meters (500 feet) above average terrain (AAT). Adjustment of the permitted power will be allowed provided it is in accordance with the ''169 kilometer Distance Separation'' entries specified in Table B in 47 CFR 90.309(a) or the ''LM/TV Separation 110 miles (177 km)'' curve in Figure B in 47 CFR 90.309(b).

(ii) For base stations located west of the Hudson River, Kill Van Kull, and Arthur Kill, the maximum ERP and antenna height shall be limited to the entries specified in Table B in 47 CFR 90.309(a) or in Figure B in 47 CFR 90.309(b) for the actual separation distance between the base station and the transmitter site of WNEP-TV in Scranton, PA (41° 10′ 58.0″ N, 75° 52′ 20.0″ W).

(iii) Mobile stations shall be limited to 100 watts ERP in areas of operation extending eastward from the Hudson River and to 10 watts ERP in areas of operation extending westward from the Hudson River.

[69 FR 31907, June 8, 2004, as amended 72 FR 35196, June 27, 2007]

§ 90.305 Location of stations.

(a) The transmitter site(s) for base station(s), including mobile relay stations, shall be located not more than 80 km. (50 mi.) from the geographic center of the urbanized area listed in § 90.303.

(b) Mobile units shall be operated within 48 km. (30 mi.) of their associated base station or stations. Such units may not be operated aboard aircraft in flight except as provided for in § 90.315(i).

(c) Control stations must be located within the area of operation of the mobile units.

(d) Base and control stations shall be located a minimum of 1.6 km. (1 mi.) from local television stations operating on UHF TV channels separated by 2, 3, 4, 5, 7, and 8 TV channels from the television channel in which the base station will operate.

§ 90.307 Protection criteria.

The tables and figures listed in § 90.309 shall be used to determine the effective radiated power (ERP) and antenna height of the proposed land mobile base station and the ERP for the associated control station (control station antenna height shall not exceed 31