

Federal Communications Commission

§ 74.870

the licensee to take such further steps as may be necessary to eliminate the interference.

(Sec. 5, 48 Stat. 1068; 47 U.S.C. 155)

[43 FR 13576, Mar. 31, 1978, as amended at 52 FR 2535, Jan. 23, 1987; 63 FR 36605, July 7, 1998]

§ 74.870 Wireless video assist devices.

Television broadcast auxiliary licensees and motion picture and television producers, as defined in § 74.801 may operate wireless video assist devices on a non-interference basis on VHF and UHF television channels to assist with production activities.

(a) The use of wireless video assist devices must comply with all provisions of this subpart, except as indicated in paragraphs (b) through (i) of this section.

(b) Wireless video assist devices may only be used for scheduled productions. They may not be used to produce live

events and may not be used for electronic news gathering purposes.

(c) Wireless video assist devices may operate with a bandwidth not to exceed 6 MHz on frequencies in the bands 180–210 MHz (TV channels 8–12) and 470–698 MHz (TV channels 14–51) subject to the following restrictions:

(1) The bandwidth may only occupy a single TV channel.

(2) Operation is prohibited within the 608–614 MHz (TV channel 37) band.

(3) Operation is prohibited within 129 km of a television broadcasting station, including Class A television stations, low power television stations and translator stations.

(4) For the area and frequency combinations listed in the table below, operation is prohibited within the distances indicated from the listed geographic coordinates.

NOTE TO THE FOLLOWING TABLE: All coordinates are referenced to the North American Datum of 1983.

Area	North latitude	West longitude	Excluded frequencies (MHz)	Excluded channels		
				200 km	128 km	52 km
Boston, MA	42°21'24.4"	71°03'23.2"	470–476	14	.....	.....
			476–482	.....	15	.....
			482–488	16	.....	.....
			488–494	.....	17	.....
Chicago, IL	41°52'28.1"	87°38' 22.2"	470–476	14	.....	.....
			476–482	15	.....	.....
			482–488	.....	16	.....
Cleveland, OH ¹	41°29'51.2"	81°41'49.5"	470–476	14	.....	.....
			476–482	.....	15	.....
			482–488	16	.....	.....
Dallas/Fort Worth, TX	32°47'09.5"	96°47'38.0"	488–494	.....	17	.....
			476–482	.....	15	.....
			482–488	16	.....	.....
			488–494	.....	17	.....
Detroit, MI ¹	42°19'48.1"	83°02'56.7"	470–476	.....	14	.....
			476–482	15	.....	.....
			482–488	.....	16	.....
			488–494	17	.....	.....
Gulf of Mexico			476–494	.....	.....	15, 16,
						17
Hawaii			488–494	.....	.....	17
Houston, TX	29°45'26.8"	95°21'37.8"	482–488	.....	16	.....
			488–494	17	.....	.....
			494–500	.....	18	.....
			470–476	14	.....	.....
Los Angeles, CA	34°03'15.0"	118°14'31.3"	476–482	.....	15	.....
			482–488	16	.....	.....
			488–494	.....	17	.....
			500–506	.....	19	.....
			506–512	20	.....	.....
			512–518	.....	21	.....
			470–476	14	.....	.....
Miami, FL	25°46'38.4"	80°11'31.2"	476–482	.....	15	.....
			470–476	14	.....	.....
New York/NE New Jersey	40°45'	73°59'37.5"	476–482	15	.....	.....
			482–488	16	.....	.....
			488–494	.....	17	.....
			494–500	.....	18	.....
			500–506	19	.....	.....
			506–512	.....	20	.....
			470–476	14	.....	.....

Area	North latitude	West longitude	Excluded frequencies (MHz)	Excluded channels		
				200 km	128 km	52 km
Philadelphia, PA	39°56'58.4"	75°09'19.6"	494–500	18 .....	.....
			500–506	19 .....	.....
			506–512	20 .....	.....
			512–518	21 .....	.....
Pittsburgh, PA	40°26'19.2"	79°59'59.2"	470–476	14 .....	.....
			476–482	15 .....	.....
			488–494	17 .....	.....
			494–500	18 .....	.....
San Francisco/Oakland, CA	37°46'38.7"	122°24'43.9"	500–506	19 .....	.....
			476–482	15 .....	.....
			482–488	16 .....	.....
			488–494	17 .....	.....
Washington D.C./MD/VA	38°53'51.4"	77°00'31.9"	494–500	18 .....	.....
			482–488	16 .....	.....
			488–494	17 .....	.....
			494–500	18 .....	.....
			500–506	19 .....	.....

¹ The distance separation requirements are not applicable in these cities until further order from the Commission.

(d) Wireless video assist devices are limited to a maximum of 250 milliwatts ERP and must limit power to that necessary to reliably receive a signal at a distance of 300 meters. Wireless video assist devices must comply with the emission limitations of §74.637.

(e) The antenna of a wireless video assist device must be attached to the transmitter either permanently, or by means of a unique connector designed to allow replacement of authorized antennas but prevent the use of unauthorized antennas. When transmitting, the antenna must not be more than 10 meters above ground level.

(f)(1) A license for a wireless video assist device will authorize the license holder to use all frequencies available for wireless video assist devices, subject to the limitations specified in this section.

(2) Licensees may operate as many wireless video assist devices as necessary, subject to the notification procedures of this section.

(g) *Notification procedure.* Prior to the commencement of transmitting, licensees must notify the local broadcasting coordinator of their intent to transmit. If there is no local coordinator in the intended area of operation, licensees must notify all adjacent channel TV stations within 161 km (100 mi) of the proposed operating area.

(1) Notification must be made at least 10 working days prior to the date of intended transmission.

(2) Notifications must include:

- (i) Frequency or frequencies.

(ii) Location.

(iii) Antenna height.

(iv) Emission type(s).

(v) Effective radiated power.

(vi) Intended dates of operation.

(vii) Licensee contact information.

(3)(i) Failure of a local coordinator to respond to a notification request prior to the intended dates of operation indicated on the request will be considered as having the approval of the coordinator. In this case, licensees must in addition notify all co-channel and adjacent channel TV stations within 161 km (100 mi) of the proposed operating area. This notification is for information purposes only and will not enable TV stations to prevent a WAVD from operating, but is intended to help identify the source of interference if any is experienced after a WAVD begins operation.

(ii) If there is no local coordinator in the intended area of operation, failure of any adjacent channel TV station to respond to a notification request prior to the intended dates of operation indicated on the request will be considered as having the approval of the TV station.

(4) Licensees must operate in a manner consistent with the response of the local coordinator, or, if there is no local coordinator in the intended area of operation, the responses of the adjacent channel TV stations. Disagreements may be appealed to the Commission. However, in those instances, the licensee will bear the burden of proof

and proceeding to overturn the recommendation of the local coordinator or the co-channel or adjacent channel TV station.

(h) Licenses for wireless video assist devices may not be transferred or assigned.

(i) The product literature that manufacturers include with a wireless assist video device must contain information regarding the requirement for users to obtain an FCC license, the requirement that stations must locate at least 129 kilometers away from a co-channel TV station, the limited class of users that may operate these devices, the authorized uses, the need for users to obtain a license, and the requirement that a local coordinator (or adjacent channel TV stations, if there is no local coordinator) must be notified prior to operation.

[68 FR 12772, Mar. 17, 2003, as amended at 68 FR 69331, Dec. 12, 2003]

§ 74.882 Station identification.

(a) For transmitters used for voice transmissions and having a transmitter output power exceeding 50 mW, an announcement shall be made at the beginning and end of each period of operation at a single location, over the transmitting unit being operated, identifying the transmitting unit's call sign or designator, its location, and the call sign of the broadcasting station or name of the licensee with which it is being used. A period of operation may consist of a continuous transmission or intermittent transmissions pertaining to a single event.

(b) Each wireless video assist device, when transmitting, must transmit station identification at the beginning and end of each period of operation. Identification may be made by transmitting the station call sign by visual or aural means or by automatic transmission in international Morse telegraphy.

(1) A period of operation is defined as a single uninterrupted transmission or a series of intermittent transmissions from a single location.

(2) Station identification shall be performed in a manner conducive to prompt association of the signal source with the responsible licensee. In exercising the discretion provide by this

rule, licensees are expected to act in a responsible manner to assure that result.

[68 FR 12774, Mar. 17, 2003]

Subparts I–K [Reserved]

Subpart L—FM Broadcast Translator Stations and FM Broadcast Booster Stations

SOURCE: 35 FR 15388, Oct. 2, 1970, unless otherwise noted.

§ 74.1201 Definitions.

(a) *FM translator*. A station in the broadcasting service operated for the purpose of retransmitting the signals of an FM radio broadcast station or another FM broadcast translator station without significantly altering any characteristics of the incoming signal other than its frequency and amplitude, in order to provide FM broadcast service to the general public.

(b) *Commercial FM translator*. An FM broadcast translator station which rebroadcasts the signals of a commercial FM radio broadcast station.

(c) *Noncommercial FM translator*. An FM broadcast translator station which rebroadcasts the signals of a noncommercial educational FM radio broadcast station.

(d) *Primary station*. The FM radio broadcast station radiating the signals which are retransmitted by an FM broadcast translator station or an FM broadcast booster station.

(e) *FM radio broadcast station*. When used in this Subpart L, the term FM broadcast station or FM radio broadcast station refers to commercial and noncommercial educational FM radio broadcast stations as defined in § 2.1 of this chapter, unless the context indicates otherwise.

(f) *FM broadcast booster station*. A station in the broadcasting service operated for the sole purpose of retransmitting the signals of an FM radio broadcast station, by amplifying and reradiating such signals, without significantly altering any characteristic of the incoming signal other than its amplitude.

(g) *Translator coverage contour*. The coverage contour for an FM translator