

Federal Communications Commission

§ 73.807

Section 73.3999 Enforcement of 18 U.S.C. 1464—restrictions on the transmission of obscene and indecent material.

§ 73.805 Availability of channels.

Except as provided in §73.220 of this chapter, all of the frequencies listed in §73.201 of this chapter are available for LPFM stations.

§ 73.807 Minimum distance separation between stations.

Minimum separation requirements for LP100 and LP10 stations, as defined in §73.811 and §73.853 of this part, are listed in the following paragraphs. An LPFM station will not be authorized unless these separations are met. Minimum distances for co-channel and first-adjacent channel are separated into two columns. The left-hand column lists the required minimum separation

to protect other stations and the right-hand column lists (for informational purposes only) the minimum distance necessary for the LPFM station to receive no interference from other stations. For second-adjacent channels and IF channels, the required minimum distance separation is sufficient to avoid interference received from other stations.

(a) An LP100 station will not be authorized initially unless the minimum distance separations in the following table are met with respect to authorized FM stations, timely filed applications for new and existing FM stations, authorized LP100 stations, LP100 station applications that were timely-filed within a previous window, and vacant FM allotments. LP100 stations are not required to protect LP10 stations.

Station class protected by LP100	Co-channel minimum separation (km)		First-adjacent channel minimum separation (km)		Second-adjacent channel minimum separation (km) required	I.F. Channel minimum separations 10.6 or 10.8 MHz
	Required	For no interference received	Required	For no interference received		
LP100	24	24	14	14	(¹)	(¹)
D	24	24	13	13	6	4
A	67	92	56	56	29	7
B1	87	119	74	74	46	9
B	112	143	97	97	67	12
C3	78	119	67	67	40	9
C2	91	143	80	84	53	12
C1	111	178	100	111	73	20
C	130	203	120	142	93	28

¹ None.

(b) An LP10 station will not be authorized unless the minimum distance separations are met with respect to authorized FM stations, timely-filed ap-

plications for new and existing FM stations, vacant FM allotments, or LPFM stations.

Station class protected by LP10	Co-channel minimum separation (km)		First-adjacent channel minimum separation (km)		Second-adjacent channel minimum separation (km) required	I.F. Channel minimum separations 10.6 or 10.8 MHz
	Required	For no interference received	Required	For no interference received		
LP100	16	22	10	11	(¹)	(¹)
LP10	13	13	8	8	(¹)	(¹)
D	16	21	10	11	6	2
A	59	90	53	53	29	5
B1	77	117	70	70	45	8
B	99	141	91	91	66	11
C3	69	117	64	64	39	8
C2	82	141	77	81	52	11
C1	103	175	97	108	73	18
C	122	201	116	140	92	26

¹ None.