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Audio Division

FM Broadcast Station Spacing Requirements

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The Audio Division

[Alphabetical Index](#)

[FCC](#) > [MB](#) > [Audio Division](#) > [Spacing \(73.207\)](#) [Canada](#) [Mexico](#) [Chan 253](#) [LPFM](#) [FCC site map](#)

[Audio Division Main Page](#)

FM Station Separation Requirements to Mexico 47 CFR Section 73.207

The following table lists the FM spacing standards for U.S. stations in the Mexican Border Zone (within **320 km** of the border). These spacings are taken from the August 1992 revision of the *Agreement Between the Government of the United States of America and the Government of the United Mexican States Relating to the FM Broadcasting Service in the Band 88 - 108 MHz*. The revised separation requirements were adopted into 47 CFR Section 73.207(b)(3) by the *Amendment of Section 73.207(b) of the Commission's Minimum Distance Separations To Mexican Broadcast Stations*, FCC 97-272, [61 FR 50256](#) (1997) [[Text](#) | [Word Perfect 5.1](#)].

For the purposes of the table which follows:

- U.S. or Mexican Class A assignments [stations] or allotments which have been notified internationally as **Class A** are limited to a maximum of 3.0 kW ERP at 100 meters HAAT, or the equivalent.
- U.S. or Mexican Class A assignments or allotments which have been notified internationally as **Class AA** are limited to a maximum of 6.0 kW at 100 meters HAAT, or the equivalent.
- U.S. Class C3 assignments or allotments are considered **Class B1**.
- U.S. Class C2 assignments or allotments are considered **Class B**.
- **Class C1** assignments or allotments assume maximum facilities of 100 kW ERP at 300 meters HAAT. However, U.S. Class C1 stations may not, in any event, exceed the domestic U.S. limit of 100 kW ERP at 299 meters HAAT, or the equivalent.

U.S. Class C0 (C-zero) assignments or allotments are considered **Class C**.

Noncommercial Educational FM stations in the Mexican Border Zone must also adhere to these separations (see 47 CFR Section 73.507). Acceptable applications for noncommercial stations will be referred to Mexico for concurrence after review.

In some cases, a station or allotment may be sought to operate at a distance less than those separations specified below. Such requests will require a showing that interference is avoided within the protected contours of the stations involved, with the pertinent Mexican stations being assumed at the maximum facilities permitted for the station class, and assuming that the Mexican station's protected service contour is the 60 dBu (1.0 mV/m) F(50,50) contour for Class A, AA, C1, and C stations; the 57 dBu (0.7 mV/m) for Class B1 stations; and 54 dBu (0.5 mV/m) for Class B stations. Such applications or petitions for rulemaking will require

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- These FCC/MB forms MUST be electronically filed: FCC Forms 301, 301-CA, 302-CA, 302-FM, 302-DTV, 302-TV, 303-S, 314, 315, 316, 318, 319, 323, 323-E, 337, 340, 346, 347, 349, 350, 381

- EEO Forms 395-A and 395-B have been suspended by Commission Order FCC 01-34.

- [CDBS Users Guide](#) or call (202)-418-2662

- [CDBS System Status](#)

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additional processing time while concurrence from Mexico is sought.

Minimum Distance Separation Requirements in Kilometers

NOTE: Class A in the following table assumes maximum facilities of 3.0 kW ERP at 100 meters HAAT, or the equivalent. See text above.

Relation	Co-Channel (Same Frequency)	200 kHz (First- Adjacent Channel)	400 kHz or 600 kHz (Second- or Third- Adjacent Channel)	10.6 or 10.8 MHz (I.F. Channel)
A to A	100	61	25	8
A to AA	111	68	31	9
A to B1	138	88	48	11
A to B	163	105	65	14
A to C1	196	129	74	21
A to C	210	161	94	28
AA to AA	115	72	31	10
AA to B1	143	96	48	12
AA to B	178	125	69	15
AA to C1	200	133	75	22
AA to C	226	165	95	29
B1 to B1	175	114	50	14
B1 to B	211	145	71	17
B1 to C1	233	161	77	24
B1 to C	259	193	96	31
B to B	237	164	65	20
B to C1	270	195	79	27
B to C	270	215	98	35
C1 to C1	245	177	82	34
C1 to C	270	209	102	41
C to C	290	228	105	48

[Spacings between U.S. FM Stations](#)

This page is located at <http://www.fcc.gov/mb/audio/spacing/mexico.html>



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