

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 Government of the United States of America and the Government of the United Mexican States, the Parties, desiring to continue their mutual understanding and cooperation concerning FM Broadcasting and recognizing the sovereign right of both countries in the management of their telecommunications; taking into account the provisions of Article 31 of the International Telecommunication Convention (Nairobi, 1982) and Article 7 of the Radio Regulations (1982 edition), considered annexed to the Convention; endeavoring to protect the broadcasting stations in the two countries; and desiring to improve the utilization of the frequency band 88-108 MHz allocated to this service;

Have agreed as follows:

ARTICLE 1

Definitions

For the purpose of this Agreement, the terms defined in the Radio Regulations shall apply except for the following specific definitions:

Administration: The Federal Communications Commission of the United States of America and the Direccion General de Normas de Sistemas de Difusion of the Secretaria de Comunicaciones y Transportes of the United Mexican States;

Agreement: This Agreement and its Annexes;

Allotment: Provision for use of a specific channel identified with a particular community or location which is protected based on its maximum permitted parameters from new or modified allotments and assignments;

Antenna height above average terrain (HAAT): The height of the center of radiation of the antenna above sea level minus the average of the terrain heights above sea level, calculated in the manner described in Annex 1;

Assignment: Authorization given by an Administration for an FM broadcast station to use a frequency or radio electric channel allotted under the conditions specified in the Agreement;

Effective radiated power (ERP): The power supplied to the antenna multiplied by the relative gain of the antenna in a given direction;

Frequency modulation (FM): A system of modulation where the instantaneous radio-frequency varies in proportion to the instantaneous amplitude of the modulating signal. The instantaneous radio frequency is independent of the frequency of the modulating signal;

FM stereophonic broadcast: The transmission of a stereophonic program by a single FM broadcast station using the main channel and a stereophonic sub-channel; this transmission permits compatible reception by monophonic receivers;

Interfering Contour: The contour of an allotment or assignment, calculated in accordance with Annex 1, that must not exceed specified values in order to avoid interference to a protected allotment or assignment;

Low Power FM (LPFM) station: A station which operates on a basis of not causing interference and not receiving protection with respect to existing and future allotments or assignments. However, these stations operate on a protected basis with respect to other LPFM stations according to their date of notification and acceptance;

Maximum permitted parameters: The maximum values of ERP and HAAT that an allotment or assignment may be authorized depending upon its class. They are prescribed in Table 1 of Annex 1 to this Agreement for all allotments and assignments, except those which are restricted. Maximum permitted parameters for restricted allotments and assignments are calculated in accordance with Annex 1;

Multiplex transmission: The simultaneous transmission by a station of one or more programs in addition to regular broadcast programs within an FM broadcast channel using subcarrier frequencies related to the center frequency of the assigned channel;

Plan of Allotments and Assignments: The Plan contained in Annex 2 which lists allotments and assignments (See Article 6);

Protected contour: The contour of an allotment or assignment, calculated in accordance with Annex 1, which is protected from interference;

Restricted allotment: An allotment that is geographically separated from an allotment or assignment in the other country at a distance less than that specified in Table 2, Minimum Distance Separation Requirements, contained in Annex 1 to this Agreement. Its ERP, HAAT, and the distance to its protected contour determine the class of allotment with which it is associated (see Table 1 of Annex 1).

Restricted assignment: Authorization given by an Administration for an FM broadcast station to use a restricted allotment under the conditions specified in the Agreement;

Standard azimuth: An azimuth which is one of eight azimuths designated in 45 degree increments starting with true North;

Standard radial: A radial extending from 3 to 16 km from the antenna along a standard azimuth;

Stereophonic and multiplex transmissions: Stereophonic and multiplex transmissions may be employed. The instantaneous frequency of any multiplex subcarrier shall not exceed ± 99 kHz from the assigned center frequency.

Stereophonic sub-channel: The frequency band from 23 to 99 kHz containing the stereophonic sub-carriers and their associated side bands;

ARTICLE 2

SCOPE

This Agreement shall apply to the land area of each Party included within a 320 km strip on each side of the common border and to islands included within 320 km of the nearest point on the land territory of the other Party; these strips and territory shall be designated by the term "border area."

ARTICLE 3

Equitable, Effective, and Reciprocal Use of the Band

In the application of this Agreement, the equitable, effective, and reciprocal use of the band allocated to the FM broadcasting service and the protection of services that may be established in accordance with this Agreement are the principal objectives of their Governments.

ARTICLE 4

Frequency Band

This Agreement shall apply to the band of frequencies extending from 88 to 108 MHz. Within this band FM broadcast channels are allotted which are 200 kHz wide and designated by the center frequency of each channel. FM broadcast channels begin at 88.1 MHz and continue in successive 200 kHz steps up to and including 107.9 MHz. For convenience, FM broadcast channels are designated by channel numbers in accordance with Appendix 1 to Annex 1 to this Agreement.

ARTICLE 5

Classification of Allotments and Assignments

All FM allotments are classified in accordance with and must conform with the technical criteria and Table 2, Minimum Distance Separation Requirements, contained in Annex 1 to this Agreement, except as otherwise provided in this Agreement. The classification of FM assignments is derived from the allotment which is used. The operations and protections of restricted allotments and assignments are based upon the limitations on their maximum permitted parameters. LPFM stations may operate on any channel as long as they provide the required protection to any allotment or assignment of the other Administration in accordance with Annex 1.

ARTICLE 6

Plan of Allotments and Assignments

6.1 Annex 2 to this Agreement, the Plan of Allotments and Assignments, consists of two parts and identifies all allotments and assignments, together with applicable characteristics, which have been either initially agreed to, or notified and agreed to in accordance with the notification procedures of Article 8.

6.2 Part 1 of the Plan comprises Tables A and B, which identifies the characteristics of all allotments and assignments made within the border area, for the United Mexican States and the United States of America, respectively. Each Administration shall confine the operation of its assignments to the allotments in the Plan in accordance with mutually agreed-upon characteristics.

6.3 The ERP and HAAT parameters for assignments appearing in Part 1 of the Plan may be less than the maximum permitted parameters of the respective channel allotments. The use of less than maximum permitted parameters by an assignment shall not prevent its later use at any time of maximum permitted parameters at that location for the corresponding class of allotment, or in the case of restricted assignments, the limitation on their maximum permitted parameters. Whether or not an assignment operates at its maximum permitted parameters, it is always protected to the maximum permitted parameters of its associated allotment.

6.4 Allotments and assignments in Part 1 of the Plan that are restricted are identified in the Plan with an asterisk (*) together with mutually agreed-upon limitations on maximum permitted parameters.

6.5 Part 2 of Annex 2 identifies the characteristics of all LPFM stations that have been coordinated and accepted.

ARTICLE 7

Modification of the Plan of Allotments and Assignments

7.1 The Plan of Allotments and Assignments may be modified by the introduction of new or changed allotments, new or changed assignments, or the cancellation of allotments and assignments in the Plan. In all cases, modification of the Plan shall take place through application of the notification procedures contained in Article 8.

7.2 Proposed modifications to the Plan will be accepted if they conform with the technical criteria and Table 2, Minimum Distance Separation Requirements, contained in Annex 1 to this Agreement, subject to the notification procedures contained in Article 8.

7.3 Proposed modifications to the Plan which do not conform to Tables 1 and 2 of Section 1 of Annex 1 of this Agreement, (i.e. restricted) shall be subject to coordination between Administrations and shall only be accepted when their interfering contours do not overlap the protected contours of existing

allotments and assignments of the other country, whose protected contours are to be calculated based upon their maximum permitted parameters (see Section 1.1.1 of Annex 1). These proposed modifications must conform to the notification procedures contained in Article 8 and their maximum permitted parameters shall be determined in accordance with Annex 1 of the Agreement.

7.4 If an Administration proposes a restricted allotment or assignment, said allotment or assignment must accept in its protected contour any interference caused by the overlap of the interfering contour of existing allotments and assignments of the other country. The calculation of the interfering contour is based on their maximum permitted parameters. These restricted allotments and assignments will have no right to claim protection in the area of interference. This interference will only occur to a proposed restricted allotment or assignment of a lower class which moves closer to an existing allotment or assignment of a higher class.

7.5 Proposed modifications to the Plan, other than modifications to cancel an allotment or assignment, shall be entered in the Plan after agreement between the Administrations upon completion of the notification procedures performed in accordance with Article 8.

7.6 Modification of the Plan to cancel an allotment or assignment shall take effect immediately upon receipt of the notification of cancellation by the other Administration. The Administration that gives notice of the cancellation of an assignment shall retain for its benefit the right to use the allotment corresponding to the cancelled assignment in accordance with the Plan of Allotments and Assignments. In such case, the reference geographic coordinates of the allotment that is retained, as well as any limitation on ERP and HAAT that apply to it and any restrictions that it imposes on other assignments and allotments, shall be those last entered into the Plan. The Administration that gives notice of the cancellation of an allotment renounces all rights with respect to the allotment that was cancelled.

ARTICLE 8

Notification Procedures

8.1 General

8.1.1 Each Administration proposing to modify the Plan of Allotments and Assignments shall notify to the other Administration the characteristics of any proposed new or modification of an allotment or assignment by registered mail. Proposed modifications to the Plan shall be protected from the date of receipt in conformity with this Article. A new or modified assignment proposed by an Administration, whose parameters are different from those of its corresponding allotment, does not require prior acceptance for its use, as long as the resultant protected contour remains inside the protected contour of the allotment from which it is derived. However, its parameters must be notified to the other Administration within 30 days of its coming into operation. When such an assignment is put into operation without prior coordination between Administrations, and it is determined by the affected Administration that its maximum permitted parameters do not comply with those of its associated

allotment, or its protected contour is greater than or extends beyond that of its corresponding allotment, the responsible Administration must immediately suspend its operation until the notification procedures contained in this Article are completed.

8.1.2 Each Administration shall have 60 days, from the date of receipt of a proposed modification, sent by registered mail, to reply thereto. Upon receipt of a favorable reply to the proposed modification, it shall be considered approved and shall be entered into the Plan at that time.

8.1.3 If for any reason the affected Administration does not respond within this time period, then the proposing Administration will effect a new requirement in writing through the most expeditious and convenient means available for both parties, in order for the affected Administration to reply within a 45-day period to commence at the end of the first period or to state whether it desires a final term to render its answer. This final term shall not exceed 45 days.

8.1.4 In the event that the Administration being affected does not answer within the additional 45-day period, then at the end of this latter period, the proposal for amendment shall be considered to have been accepted and shall be included in the Plan.

8.1.5 There will be some cases of educational stations that because of their nature require a prompt response, the Administrations will make every effort to respond to those notifications within the terms specified in 8.1.2.

8.1.6 If an objection is raised during the above period, the correspondence shall state, with as much particularity as the circumstances permit, the basis for the objection. A proposed modification to the Plan which is the subject of an objection shall be afforded protection from new proposals for a 60-day period from the date of receipt of the objection in order to provide opportunity for the notifying Administration to resolve the objection.

8.1.7 An Allotment should be included in the Plan and notification procedures shall be completed prior to placing a proposed assignment into operation by the notifying Administration, except for those cases described in 8.1.1. However, a new allotment and its corresponding assignment may be notified at the same time and included in the Plan at the same time, provided that they comply with the notification procedures contained in this Article.

8.2 Allotments

8.2.1 Notifications to modify the Plan to introduce new allotments or changes to existing allotments shall contain at least the following information:

- Location (city, state);
- Reference geographic coordinates;
- Channel number and class of allotment; and
- Channel frequency.

8.2.2 If the notified allotment is restricted, the allotment(s) or assignment(s) to which it is separated at a distance which is less than the distance required in Table 2 of Annex 1 shall be specified together with the proposed limitations on ERP and HAAT to be applied to the allotment.

8.3 Assignments

Notifications to modify the Plan to introduce new assignments or to modify the characteristics of existing assignments shall contain at least the following information:

- Location (city, state);
- Transmitter geographic coordinates;
- Channel number and class of station;
- Channel frequency;
- Call sign;

Operational status (proposal or operational);

HAAT (height of center of radiation above average terrain);

Height above average terrain of the two adjacent standard radials if a short-spaced assignment is proposed (see Annex 1 for description);

- Effective radiated power (ERP); and
- Horizontal antenna pattern if a directional antenna is proposed.

Cancellation of Allotments and Assignments

When notification of the cancellation of an existing allotment or assignment is given, sufficient information must be furnished to identify the cancelled allotment or assignment, including at least:

- Channel number and channel frequency;
- Call sign; and
- Location (city, state)

ARTICLE 9

Recapitulative Lists

9.1 No later than March 31st of each year, each Administration shall forward to the other a recapitulation of all accepted notifications to modify the Plan made during the preceding calendar year. No later than 60 days from the receipt of each annual recapitulative list, both Administrations shall exchange, for verification and reconciliation, a recapitulation of the Plan as of the end of that calendar year.

9.2 If no inconsistencies are detected by either Administration within 90 days from receipt of the recapitulated Plan, it shall be considered verified and reconciled for that period. If inconsistencies are detected within or after this period, such inconsistencies shall be reconciled promptly, and will not be considered accepted until the Administrations notify their acceptance.

9.3 Semi-annually, each administration shall furnish the other with a supplementary list containing the notifications made during the six-month period following the date of the last reconciled list.

ARTICLE 10

Termination of Previous Agreements

This Agreement supersedes the existing Agreement between the United States of America and the United Mexican States concerning Frequency Modulation Broadcasting in the 88 to 108 MHz Band signed at Washington on November 9, 1972, as amended.

ARTICLE 11

Amendment of the Agreement and the Annexes

This Agreement and Annex 1 may be amended by agreement of the Parties. Amendments shall enter into force on the date on which both Parties have notified each other by exchange of diplomatic notes that they have complied with the requirements of their national legislation for entry into force. Modifications to the Plan (Annex 2) are governed by Articles 7 and 8 and do not require an exchange of diplomatic notes to enter into force.

ARTICLE 12

Entry Into Force and Duration

This Agreement shall enter into force on the date on which both Parties have notified each other by exchange of diplomatic notes that they have complied with the requirements of their respective national legislation for entry into force. It shall remain in force until it is replaced by a new agreement or until it is terminated by either Party in accordance with Article 13 of this Agreement.

ARTICLE 13

Termination of the Agreement

This Agreement may be terminated by mutual agreement of the Parties or by either Party by a written notice of termination to the other Party through diplomatic channels. Such notice of termination shall enter into effect one year after receipt of the notice.

IN WITNESS WHEREOF, the Parties, duly authorized by their respective Governments, hereby sign this Agreement.

DONE in the city of Morelia, Michoacan, Mexico, this eleventh day of the month of August of the year nineteen hundred and ninety-two, in duplicate, in the English and Spanish languages, both texts being equally authentic.

FOR THE GOVERNMENT OF THE
UNITED STATES OF AMERICA:

FOR THE GOVERNMENT OF THE
UNITED MEXICAN STATES:

ANNEX 1

Technical Standards and Procedures

Annex 1 and its appendices prescribe the technical standards and procedures to be employed for the application of the Agreement.

Section 1

General Technical Standards

1.1 Classification and Maximum Parameters of Allotments and Assignments

1.1.1. FM allotments and assignments are classified in accordance with Table 1 and except for those which are restricted must conform with the distance separations in Table 2. The maximum ERP and HAAT for restricted allotments and assignments (whose associated classes are shown in Table 1) shall be determined in accordance with Section 3 of this Annex.

TABLE 1

<u>Classes</u>	<u>Maximum Effective Radiated Power</u>	<u>Antenna Height Above Average Terrain</u>
A	3 kilowatts	100 meters
AA	6 kilowatts	100 meters
B1, C3*	25 kilowatts	100 meters
B, C2*	50 kilowatts	150 meters
C1	100 kilowatts	300 meters
C	100 kilowatts	600 meters

* Classes C3 and C2 are used only by the U.S. and shall be considered as Classes B1 and B, respectively, for the purposes of the above table and this Annex.

1.1.2 Calculation of the protected contour of a restricted allotment or assignment shall be done in accordance with point 3.1.2 of section 3 and it shall be considered as: Class A if its protected contour is less than or equal to that of a Class A allotment; Class AA if its protected contour is greater than that of a Class A allotment and less than or equal to that of a Class AA allotment; Class B1 if its protected contour is greater than that of a Class B1 allotment and less than or equal to that of a Class B1 allotment; Class B if its protected contour is greater than that of a Class B allotment and less than or equal to that of a Class B allotment; Class C1 if its protected contour is greater than that of a Class C1 allotment and less than or equal to that of a Class C1 allotment; and Class C if its protected contour is greater than that of a Class C allotment and less than or equal to that of a Class C allotment.

1.1.3. The values contained in Tables 1 and 2 are based upon horizontal polarization. Vertical polarization may be used in combination with horizontal polarization in which case the maximum ERP in any plane of polarization shall not exceed the maximum permitted ERP for the allotment or assignment.

1.2 Distance Separation

1.2.1 Except for restricted allotments and assignments, the minimum required separations between allotments and assignments on the same or adjacent channels are as follows:

TABLE 2

MINIMUM DISTANCE SEPARATION REQUIREMENTS
in kilometers

<u>Class Relation</u>	<u>Co-Channel</u> 0 kHz	<u>Adjacent Channels</u>			<u>I.F.</u> 10.6/10.8 MHz
		<u>200 kHz</u>	<u>400 kHz</u>	<u>600 kHz</u>	
A - A	100	61	25*	25*	8
A - AA	111	68	31	31	9
A - B1	138	88	48	48	11
A - B	163	105*	65*	65*	14
A - C1	196	129	74	74	21
A - C	210*	161	94	94	28
AA - AA	115	72	31	31	10
AA - B1	143	96	48	48	12
AA - B	178	125	69	69	15
AA - C1	200	133	75	75	22
AA - C	226	165	95	95	29
B1 - B1	175	114	50	50	14
B1 - B	211	145	71	71	17
B1 - C1	233	161	77	77	24
B1 - C	259	193	96	96	31
B - B	237	164	65*	65*	20
B - C1	270	195	79	79	27
B - C	270*	215*	98	98	35
C1 - C1	245	177	82	82	34
C1 - C	270	209	102	102	41
C - C	290	228	105	105	48

Conventionally adopted values.

1.3 Antenna Heights and Equivalence

1.3.1 The height of the radiation center of the antenna above average terrain (HAAT) is the height of the radiation center above sea level minus the average of the terrain heights above sea level of the eight standard radials along the standard azimuths. Where polarization other than horizontal is employed, the radiation center height shall be based upon the height of the electrical radiation center of the antenna which transmits the horizontal component of radiation.

1.3.2 Where antenna heights exceed those specified in Table 1, the ERP shall be reduced to provide equivalence with maximum permitted parameters.

1.3.3 Computation of equivalence shall be determined using the F(50,10) propagation curves in Appendix 4. The interfering contour for equivalent parameters must not exceed that determined by use of the maximum permitted parameters. In the case of a restricted allotment or assignment, the mutually agreed upon limitations on ERP and HAAT shall be used instead of the parameters in Table 1.

1.3.4 Existing assignments contained in Part 1 of Annex II of this Agreement operating with parameters in excess of those specified for their classes in Table 1, which have been previously coordinated and accepted, may continue to operate in accordance with coordinated or equivalent parameters.

1.4 Directional antennas

1.4.1 Directional antennas operated by restricted assignments may be used to render protection to other co-channel and adjacent channel allotments or assignments. In the direction of limitation, a restricted assignment using a directional antenna must not exceed the notified antenna pattern values. In all other directions, the radiation must not exceed the notified antenna pattern value by more than 2 dB. Moreover, the ratio of maximum to minimum field of a directional antenna shall not be greater than 15 dB, except where terrain may present a problem due to signal reflections. Directional antennas may also be used by assignments operating on allotments which are not restricted, but their use shall not prevent future increases to maximum permitted parameters.

1.5 Location of Transmitter Sites

1.5.1 Transmitter sites shall be located so that the separations are not less than those set forth in Table 2 except when specifically agreed to by each Administration.

Section 2

2.1. Low Power FM Stations

2.1.1 LPFM stations may operate on any channel from 201 to 300 and they must protect the allotments and assignments of the other Administration based on their maximum permitted parameters in accordance with the Table of Allotments and Assignments.

2.1.2 An LPFM station is permitted to operate with an ERP that shall not exceed 50 watts in the direction of the other country and to produce an interfering contour not to exceed 32 km in the direction of the other country.

2.1.3 Within 125 km of the common border, the maximum distance to the protected contour (60 dBu) of an LPFM station shall be 8.7 km in the direction of the other country.

2.1.4 LPFM stations located within 125 km of the common border must be notified in accordance with the notification procedures in Article 8.

2.1.5 An LPFM station located in excess of 125 km from the common border may operate with an ERP in excess of 50 watts in the direction of the other country, provided the protected contour produced is not greater than, starting from 125 km from the common border, 8.7 km in the direction of the other country. Before this station can commence operation it must comply with the notification procedures contained in Article 8 and the provisions of points 2.1.1, 2.1.6, and 2.1.7 of this section.

2.1.6 Should any interference be caused by an LPFM station, the offending station must immediately correct the interference or cease operation.

2.1.7 The use of a channel by an LPFM station shall not prejudice in any manner the future allotment of such channel by the other Administration.

Section 3

3.1 Standards for Computation of Interference

3.1.1 In performing interference calculations related to restricted allotments and assignments, or LPFM stations, the following procedures and standards shall be used to determine the existence of objectionable interference.

3.1.2 The distance to the protected contour of FM allotments and assignments shall be determined from the F(50,50) curves attached for the appropriate field strength contours listed in Table 3. The maximum distance shown in Table 3 is based on use of maximum permitted parameters. If the existing allotment or assignment has a limitation to its ERP and HAAT, the distance to the protected contour is less. The maximum distance to the protected contour of an LPFM station is specified in point 2.1.3 of Section 2.

Table 3

<u>Class</u>	<u>Field Strength</u>	<u>Maximum Distance</u>
A	1.0 mV/m (60 dBu)	24 km
AA	1.0 mV/m (60 dBu)	28 km
B1	0.7 mV/m (57 dBu)	45 km
B	0.5 mV/m (54 dBu)	65 km
C1	1.0 mV/m (60 dBu)	72 km
C	1.0 mV/m (60 dBu)	92 km

3.1.3 The interfering contour shall be determined from the F(50,10) propagation curves attached and the appropriate field strength values listed in Table 4, except when the resultant distance is less than 15 kilometers, in which case the F(50,50) curves shall be used. Calculation of the interfering contour shall be based upon maximum permitted parameters for allotments and, for assignments, upon proposed parameters which must not exceed those parameters corresponding to their allotment. The maximum distance to the interfering contour of an LPFM station is specified in point 2.1.3 of Section 2.

3.1.4 The value used for the height above average terrain for restricted allotments to determine the interfering contour shall be based on its associated class of allotment and in accordance with its maximum HAAT and ERP. The value used for the height above average terrain for restricted assignments to determine the interfering contour shall be based on the actual azimuth between the proposed restricted assignment and any existing allotment or assignment to which it is restricted. If the azimuth is a standard azimuth, the value of the height above average terrain of its standard radial shall be used. In all other cases, the two standard radials adjacent to the actual azimuth shall be specified. The appropriate height above average terrain shall be determined by interpolating between those of the two standard radials.

3.1.5 Objectionable interference shall be considered to exist if the following interfering contours of a proposal overlap the protected contour of an allotment or assignment listed in the Plan. Objectionable interference between LPFM stations shall be considered to exist if overlap occurs between their protected and interfering contours.

Table 4

From all Classes to Classes A, AA, C, and C1: ¹

<u>Channel relationship</u>	<u>Field strength</u>
Co-channel	0.1 mV/m (40 dBu)
First adjacent	0.5 mV/m (54 dBu)
Second & Third adjacent	100.0 mV/m (100 dBu)

From all Classes to Class B:

<u>Channel relationship</u>	<u>Field strength</u>
Co-channel	0.05 mV/m (34 dBu)
First adjacent	0.25 mV/m (48 dBu)
Second & third adjacent	50.0 mV/m (94 dBu)

From all Classes to Class B1:

<u>Channel relationship</u>	<u>Field strength</u>
Co-channel	0.07 mV/m (37 dBu)
First Adjacent	0.35 mV/m (51 dBu)
Second & third adjacent	71.0 mV/m (97 dBu)

¹ These values shall also be used between LPFM stations

Section 4

4.1 Procedure to Determine Interference Zone

- 4.1.1 On an appropriately scaled map plot the transmitter sites and do the following:
- 4.1.2 Plot the protected contour for the allotment or assignment to be protected based on maximum permitted parameters in accordance with paragraph 3.1.2 of Section 3.
- 4.1.3 Plot the interfering contour for the proposed allotment or assignment based on the proposed parameters in accordance with paragraph 3.1.3 of Section 3.
- 4.1.4 Mark the two points where the contours intersect. If the contours do not intersect, there is no interference and this procedure does not apply.
- 4.1.5 Repeat steps 1, 2, and 3 except increase the value of each contour by a convenient amount while maintaining the same protection ratio until the protected and interfering contours are tangential.
- 4.1.6 Draw a line joining the intersection points obtained above. The area contained within this line and the protected contour drawn in step 1 defines the interference zone.
- 4.1.7 Appendix 3 contains specific examples of interference calculations.

Appendix 1

Table of FM Channels

<u>Frequency</u> <u>(MHz)</u>	<u>Channel</u> <u>No.</u>	<u>Frequency</u> <u>(MHz)</u>	<u>Channel</u> <u>No.</u>	<u>Frequency</u> <u>(MHz)</u>	<u>Channel</u> <u>No.</u>
88.1	201	94.9	235	101.5	268
88.3	202	95.1	236	101.7	269
88.5	203	95.3	237	101.9	270
88.7	204	95.5	238	102.1	271
88.9	205	95.7	239	102.3	272
89.1	206	95.9	240	102.5	273
89.3	207	96.1	241	102.7	274
89.5	208	96.3	242	102.9	275
89.7	209	96.5	243	103.1	276
89.9	210	96.7	244	103.3	277
90.1	211	96.9	245	103.5	278
90.3	212	97.1	246	103.7	279
90.5	213	97.3	247	103.9	280
90.7	214	97.5	248	104.1	281
90.9	215	97.7	249	104.3	282
91.1	216	97.9	250	104.5	283
91.3	217	98.1	251	104.7	284
91.5	218	98.3	252	104.9	285
91.7	219	98.5	253	105.1	286
91.9	220	98.7	254	105.3	287
92.1	221	98.9	255	105.5	288
92.3	222	99.1	256	105.7	289
92.5	223	99.3	257	105.9	290
92.7	224	99.5	258	106.1	291
92.9	225	99.7	259	106.3	292
93.1	226	99.9	260	106.5	293
93.3	227	100.1	261	106.7	294
93.5	228	100.3	262	106.9	295
93.7	229	100.5	263	107.1	296
93.9	230	100.7	264	107.3	297
94.1	231	100.9	265	107.5	298
94.3	232	101.1	266	107.7	299
94.5	233	101.3	267	107.9	300
94.7	234				

APPENDIX 2

Procedure for Calculation of Distance and Azimuth

1. Computation of Distance

LAT1 and LON1 are the coordinates of the first location, and LAT2 and LON2 are the coordinates of the second location. Convert latitude and longitude into degrees and decimal parts of a degree.

1.1 Great-circle path distance:

$$d = 111.18 \times D \quad \text{km}$$

where:

$$D = \arccos[\sin(\text{LAT1}) \sin(\text{LAT2}) + \cos(\text{LAT1}) \cos(\text{LAT2}) \cos(\text{LON2} - \text{LON1})]$$

In computing the above, sufficient decimal figures shall be used to determine the distance to the nearest kilometer.

2. Calculation of Azimuth

$$\text{AZM} = \arccos \frac{\sin(\text{LAT2}) - \sin(\text{LAT1}) \cos(D)}{\cos(\text{LAT1}) \sin(D)} \quad \text{degrees}$$

determined such that $0 \text{ degrees} \leq \text{AZM} \leq 180 \text{ degrees}$. The azimuth in degrees East or North toward the second location is AZM if $\sin(\text{LON2} - \text{LON1}) \geq 0$ or is $(360 - \text{AZM})$ if $\sin(\text{LON2} - \text{LON1}) < 0$. The same equation, with the latitudes reversed, is used for the second location.

In computing the above, sufficient decimal figures shall be used to determine the azimuth to the nearest degree.

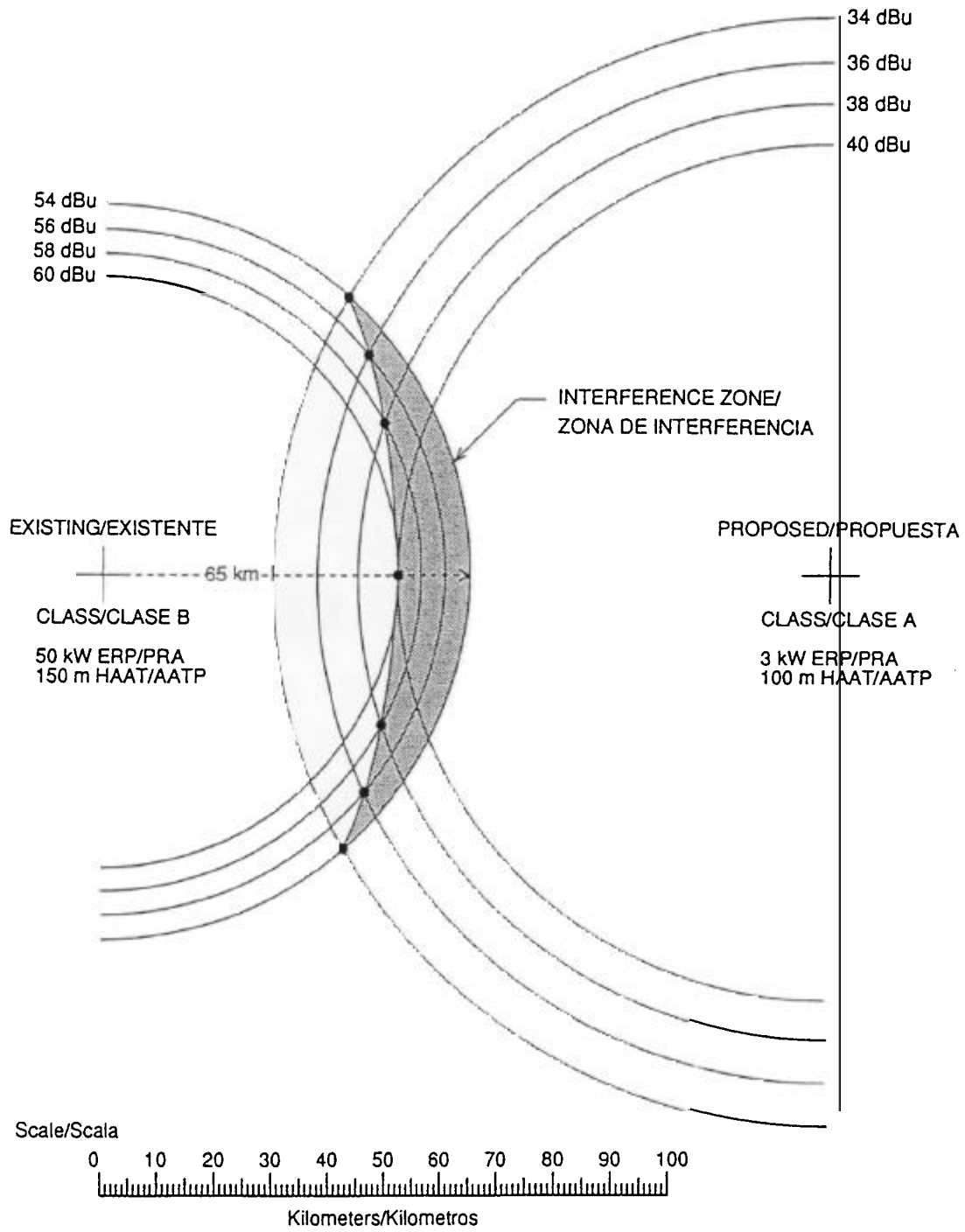
Examples of Interference Calculations

Example of Interference Zone

The following example, depicted in Figure 1, shows the interference zone between an existing Class B allotment or assignment and a proposed Class A allotment or assignment which are restricted and co-channel. The separation distance of the two transmitter sites is only 127 km while the required separation distance from Table 2 is 163 km.

1. The distance to the protected contour for the existing Class B allotment or assignment is determined from Table 3 since such allotment or assignment does not have a limitation to its ERP or HAAT. The protected contour value is 54 dBu and extends to 65 km. Plot this contour.
2. The distance to the interfering contour for the proposed Class A allotment or assignment is determined from the F(50,10) propagation curves. The field strength value of the interfering contour from Table 4 is 34 dBu since this is a co-channel case and the protected allotment or assignment is Class B. The extent of the interfering contour will depend upon the proposed parameters. For the purposes of this example, the proposed parameters shall be the maximum for a Class A station, 3 kW at 100m HAAT. The interfering contour extends to 98 km. Plot this contour.
3. Mark the two points where the contours intersect.
4. Increase the value of the contours by a convenient amount. They are increased by 2 dBu for the purposes of this example. Plot the 56 dBu contour (60 km) for the Class B and the 36 dBu contour (90 km) for the Class A and mark the points of intersection. Continue to increase the value of the contours, plot them, and mark the intersection points until the contours are tangent. In this example the Class B 58 dBu (56 km) and 60 dBu (52 km) contours and the Class A 38 dBu (83 km) and 40 dBu (76 km) contours are plotted before the contours become tangential.
5. Draw a line joining the intersection points obtained above. The area contained within this line and the protected contour drawn in step 1 defines the interference zone. This area is shown as cross-hatched.

Figure/Figura 1



Example of a Restricted Proposal Requiring a Limitation on ERP and HAAT

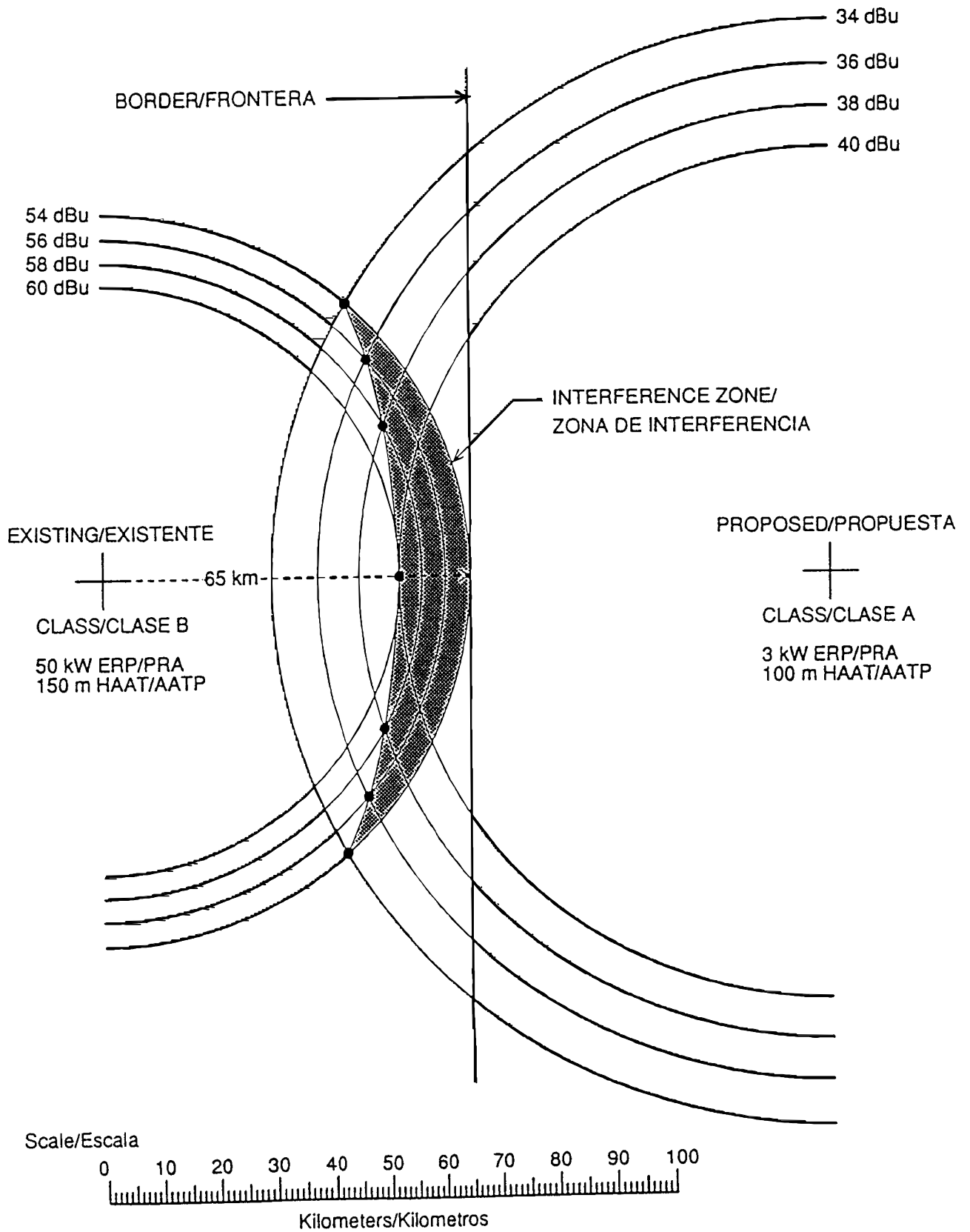
The following example, depicted in Figures 2 and 3, shows how to determine the appropriate limitation for a proposed restricted allotment or assignment. We shall use the previous example showing the interference zone in this example. The spacing problem is between an existing Class B allotment or assignment and a proposed co-channel Class A allotment or assignment.

In Figure 2 we have drawn a vertical line just to the right of the maximum extent of the 54 dBu protected contour of the Class B allotment or assignment which represents the border between our countries. We see that the interference zone is located entirely within the country responsible for the Class B allotment or assignment. In this case objectionable interference exists. However, the objectionable interference can be eliminated if the maximum ERP and HAAT of the proposed Class A allotment or assignment is sufficiently reduced. Since all of the interference lies within the territory of the country having the existing allotment or assignment, the ERP and HAAT must be decreased to eliminate all overlap between the protected and interfering contours.

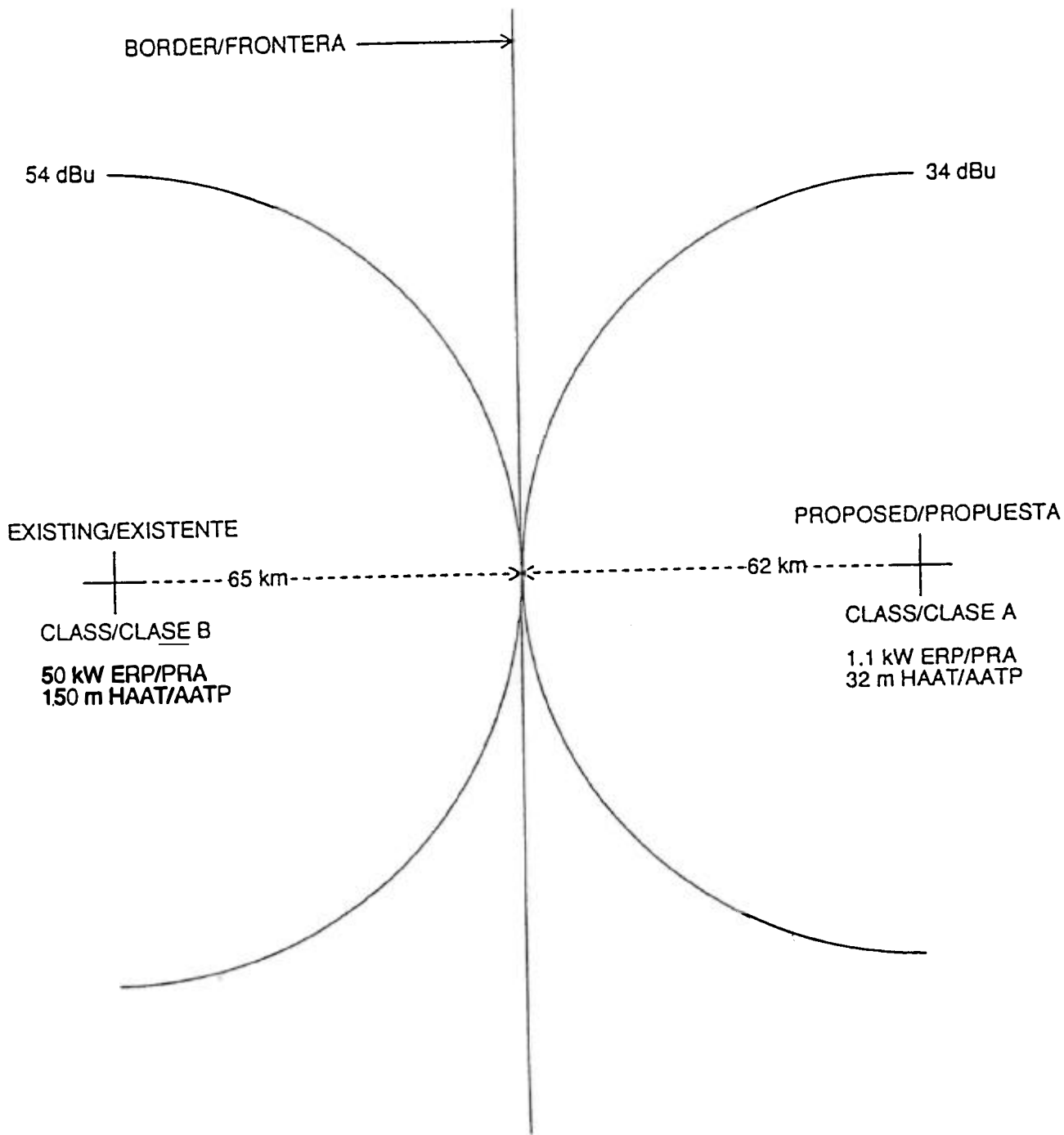
In order to eliminate all contour overlap, given that there can be no intersection of the Class B protected contour (54 dBu) and the proposed Class A interfering contour (34 dBu). From the last example, the extent of the Class B 54 dBu contour was 65 km. The actual separation was 127 km. Since the contours can only be tangential, we can subtract the distance to the protected contour (65 km) from the actual separation (127 km) and determine the maximum distance to the Class A interfering contour (62 km). Figure 3 shows these contours.

Using the F(50,10) propagation curves, we develop the ERP and HAAT limitation starting with the use of maximum ERP and a reduced HAAT if a restricted allotment is proposed. If a restricted assignment is proposed, we use the proposed HAAT and reduce the ERP to develop the limitation. Values of HAAT's less than 30m are unrealistic and therefore are not used. The appropriate limit for this example is 1.1 kW ERP at 32m HAAT or the equivalent. This produces an interfering contour of 62 km. If an antenna was proposed with an HAAT of 100m, an equivalent set of parameters would be 0.3 kW ERP at 100m HAAT.

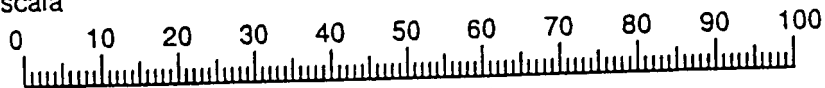
Figure/Figura 2



Figure/Figura 3



Scale/Escala



Kilometers/Kilometros

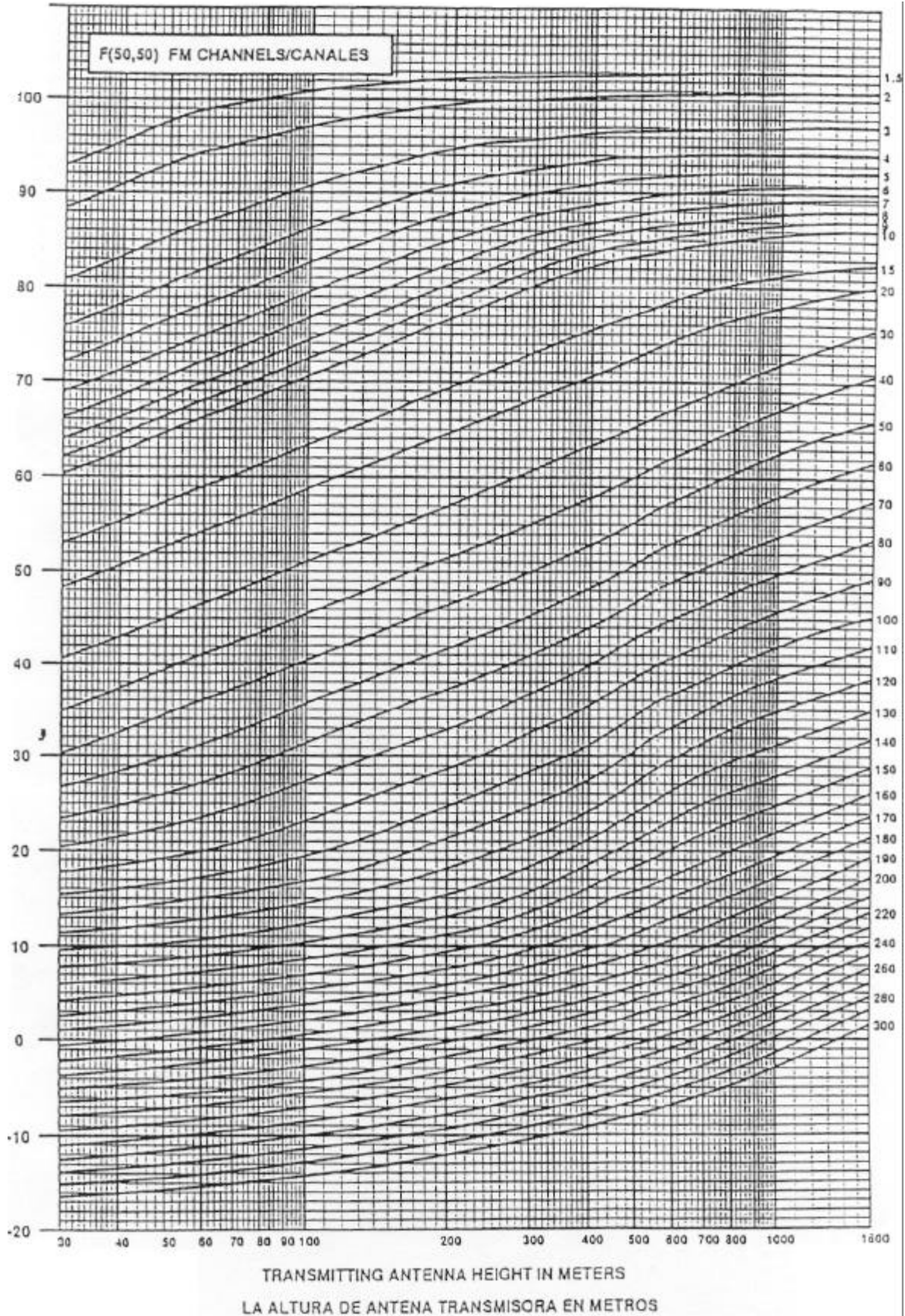
APPENDIX 4

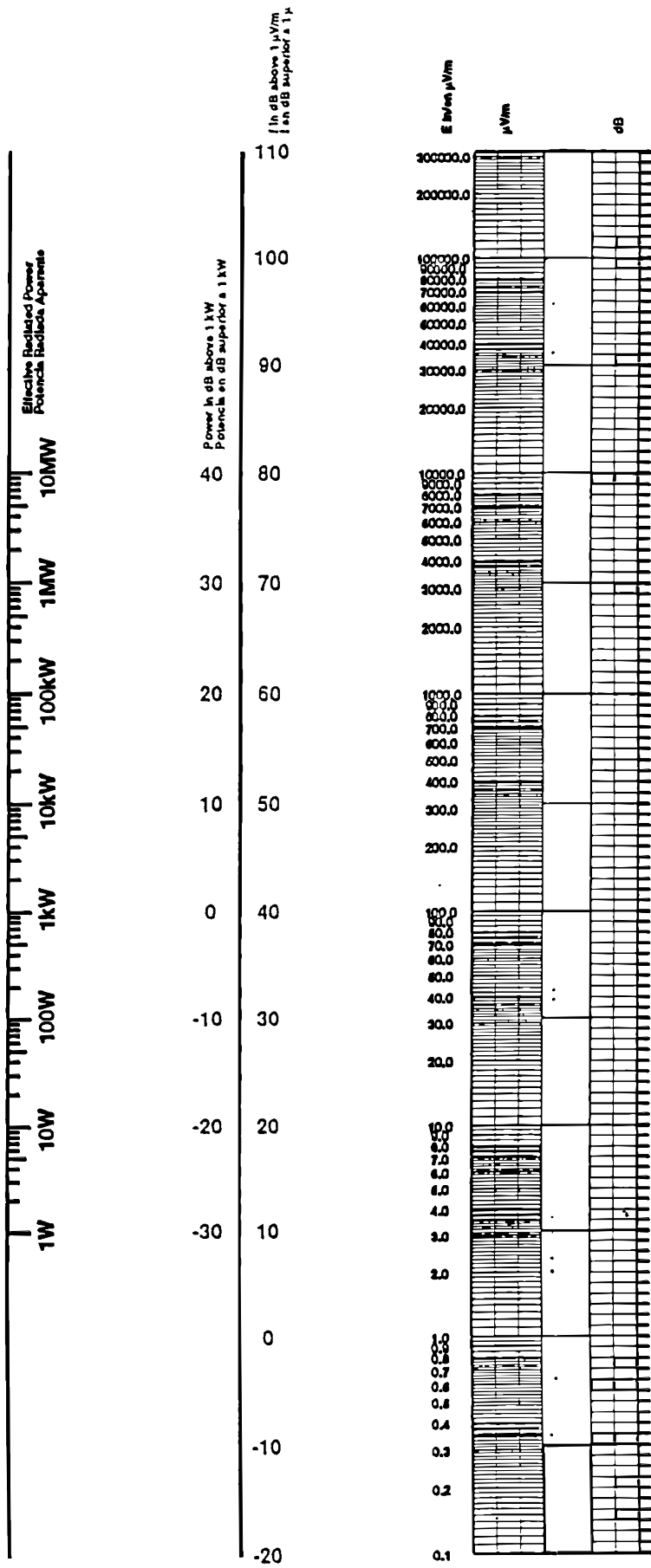
Propagation Curves

ESTIMATED FIELD STRENGTH EXCEEDED AT 50% OF THE POTENTIAL RECEIVER LOCATIONS FOR AT LEAST 50% OF THE TIME AT A RECEIVING ANTENNA HEIGHT OF 9.1 METERS.

INTENSIDAD DE CAMPO ESTIMADA QUE EXCEDE EL 50% DE LAS UBICACIONES RECEPTORAS POSIBLES, POR LO MENOS EL 50% DEL TIEMPO, A UNA ALTURA DE ANTENA RECEPTORA DE 9.1 METROS.

FIELD STRENGTH IN dB ABOVE 1 μ V/M FOR 1 KW ERP
INTENSIDAD DE CAMPO EN dB SUPERIOR A 1 μ V/M PARA 1 KW PRA





Sliding Scale for use with Propagation Curves
Escala variable para utilizarse con curvas de Propagacion

ANNEX 2
TABLE A PART I
UNITED MEXICAN STATES
TABLE OF ALLOTMENTS

Legend

- * Specially negotiated allotment with less separation than established. Assignment may operate with maximum permitted parameters for its class.
- *(L1) Restricted allotment limited to 50kW ERP and 91 meters HAAT or the equivalent.
- *(L2) Limited to 61 meters HAAT and 2 kW ERP at 330 degrees (True North) or equivalent (94 dBu at border) (F 50,50).
- *(L3) Restricted allotment limited to:
 - (a) 3.19 kW ERP and 131 m HAAT or the equivalent at 180 Deg. Az.
 - (b) 0.20 kW ERP and 131 m HAAT or the equivalent at 0 Deg. Az.
 - (c) 0.66 kW ERP and 131 m HAAT or the equivalent at 278 Deg. Az.
 - (d) 0.35 kW ERP and 131 m HAAT or the equivalent at 335 Deg. Az.
- *(L4) Limited to 50 meters HAAT and 400 watts ERP at 347 degrees (True North) or equivalent (82 dBu at border) (F 50,50).
- *(L5) Restricted allotment limited to 10 kW ERP and 61 meters HAAT or the equivalent.
- *(L6) Restricted allotment limited to 100 kW ERP and 300 meters HAAT or the equivalent.
- *(L7) Restricted allotment limited to 25 kW ERP and 129.1 meters HAAT or the equivalent.
- *(L8) Restricted allotment capable of operating at maximum class B parameters of 50 kW ERP and 150 meters HAAT or the equivalent.
- *(L9) Restricted allotment capable of operating at maximum class B1 parameters of 25 kW ERP and 100 meters HAAT or the equivalent.

BAJA CALIFORNIA

<u>Location</u>	<u>Channel</u>
AGUA HECHICERA	203A
ALGODONES	230A, 245A, 250A
CIUDAD MORELOS	214B, 288A, 296B
CUERVOS	255B

ENSENADA	201A, 206A, 221A, 234A, 238B* (L8), 240A, 245B, 250A, 254A, 258A, 262B, 266B, 270A, 277B, 281B, 285A, 290C, 295B, 300A
ESPERANZA	202A, 206A
FRANCISCO ZARCO	225A
LAGUNA CHAPALA	212B
LAGUNITAS	243A
MEXICALI	210B, 218B, 222B, 270B, 277B, 281C, 285B* (L1), 290A, 294A, 214C
MURGIA	231A
OJOS NEGROS	229A
ROSARIO	268B, 272B, 276B, 280B, 288C, 292B, 296B, 300B
ROSARIO DE ARRIBA	217C
ROSARITO	220A, 253A
RUMOROSA	252A
SAN FELIPE	202B, 242C, 206B, 230B, 234B, 238B, 246B
SAN QUINTIN	236B, 240B, 244B, 248B, 252C, 256B, 260B, 264B
SAN TELMO	204B, 220B, 224B, 232B
SAN VICENTE	209A
SANTA CATARINA	250B, 254B, 258B, 262B, 266B, 270B, 274B, 282B
TECATE	204A, 257A, 299A, 201A, 237B
TECOLOTE	247A
TIJUANA	204A, 212C, 216C, 219B* (L7), 223B, 233A* (L2), 249A* (L3), 255B* 257B1* (L9), 259A, 273B* (L4), 283B*, 297B* (L5)

CHIHUAHUA

ALDAMA	262A
ASCENCION	240C, 277C, 296B
BALDERAS	206C, 236B, 267A, 300C
BENAVIDES	288A, 300A
CAJONCITOS	274B, 220A, 213A
CHIHUAHUA	287B, 291C, 295B, 299B, 203B, 207B, 211C, 215C, 219C, 227B, 231B, 235B, 239B, 279B, 283B
CIUDAD CAMARGO	241C, 248B, 275B, 289B, 293B
CIUDAD CUAUHTEMOC	252C, 260B, 277B, 281B, 285B
CIUDAD GUERRERO	201B, 205B, 246A, 270C, 274B
CIUDAD JIMENEZ	217C, 221C, 225C, 282B, 286B, 298B
CIUDAD JUAREZ	252C, 264C, 278A, 282B, 286A, 290C, 294C, 298C

DELICIAS	229B, 233B, 237B, 255C, 263A, 267C, 271A
EL PORVENIR	217A, 256C, 284B, 288B
EL SUECO	262A, 266B
ENCINILLAS	223C, 243C, 247B, 272B
ESPERANZA	292B, 262B
FLORES MAGON	254C
GUADALUPE BRAVOS	210A
HIDALGO DEL PARRAL	206B, 212A, 245B, 257C, 261B, 265A, 269C, 273B
IGNACIO ZARAGOZA	221C
JOSE MARTINEZ	225B, 232B, 285B, 289B
LAS GARZAS	201A, 205A, 284A
LAS PALOMAS	245B, 262B, 269B, 273B
LOS MOSCOS	205A, 210B, 283A, 292C
MADERA	241B, 264B, 276A, 289B, 293B
NVO. CASAS GRANDES	208B, 213B, 225B, 236B, 244A, 281B, 285B
OJINAGA	209C, 245C, 249C, 257B, 261B, 217B, 265B, 269B, 273B
PRAXEDIS G. GUERRERO	211B
SAN BUENAVENTURA	228B, 232B, 250C, 258B
SAUCILLO	259A
VENTANAS	213B, 216B, 240B, 280C, 296C
VILLA AHUMADA	215A

COAHUILA

CIUDAD ACUNA	218C, 225A, 238B, 259A, 264A, 272A, 276B, 280C, 286A, 297A, 255A
CUATRO CIENEGAS	205C, 213C, 223B, 239A, 243A, 247B, 274A, 284B
EL MELON	243A, 248A, 258B
FRONTERA	230B
FUENTE	229A
GENERAL CEPEDA	289C
GUADALUPE	201B, 221B, 252B, 260A, 264A
JIMENEZ	222A, 227A, 284A, 268C
LA ROSITA	262A, 270B, 274A, 278B
MONCLOVA	201B, 254B, 258B, 262B, 281B, 296B, 266A

MUZQUIZ	216B, 232B, 294B
NUEVA ROSITA	226B
PIEDRAS NEGRAS	233A, 244C, 256A, 260B, 273A, 288B, 292B, 296A, 300B
SABINAS	220B, 266A, 290C, 298A
SALTILLO	209B, 228A, 234B, 244B, 249A, 261A, 265A, 269A
SAN CARLOS	248C* (L6), 252A
SAN VICENTE	214B, 222C, 227B, 231B, 235B, 239B, 254C
VILLA HIDALGO	261B
VILLA UNION	275B, 282B, 202A, 240C, 263A
ZARAGOZA	254A

NUEVO LEON

AGUALEGUAS	215A
ANAHUAC	295A, 277C
CERRALVO	264A
CHINA	256A
COLOMBIA	222A, 229A, 266A
DOCTOR ARROYO	243A
GALEANA	229A
GENERAL BRAVO	208A, 221A
LAMPAZOS	237C
LINARES	237A, 297A, 277B
LOS ALDAMA	260A
MONTEMORELOS	212A, 249A, 261A,
MONTERREY	203C, 207A, 211B, 215A, 219C, 223C, 227C, 231B, 235A, 239C, 247C, 251A, 255B, 259B, 263A, 267B, 271C, 275C, 279C, 283C, 287C, 291C, 295B, 299B
SABINAS HIDALGO	208A, 243C, 249A, 265A, 293A

SONORA

AGUA PRIETA	247B, 253A, 267B, 300B
ALTAR	268B
ARIZPE	203B
BENJAMIN HILL	211B
CABORCA	210C, 214C, 218B, 222B, 250B, 279A, 227A, 233A, 242A, 245A, 283A, 237C, 257A, 261B, 296B, 202B, 300B

CANANEA	249A, 218A, 272B, 276B, 280B, 284B
COLONIA REFORMA	215A, 267A, 271A
EL GOLFO	251B, 263B, 267B, 275B, 279C
FRONTERAS	295C
HERMOSILLO	214B, 218C, 222B, 230C, 234B, 209B, 238B, 242B, 246C, 253C, 258B, 262B, 266B, 274B, 282B, 286B
IMURIS	214A
MAGDALENA	232B, 263B
NACO	233A, 251A, 260B
NACAZARI DE GARCIA	256A, 265A, 288B, 241A, 261A
NOGALES	244B*, 248A, 274B, 278B, 282B, 286B, 290C, 294C
PUERTO KINO	201B, 205B, 269C, 289B, 297C
PUERTO LIBERTAD	207A, 226C, 241B
PUERTO LOBOS	233A, 245A, 273C, 277B, 281B, 285B, 289A
PUERTO PENASCO	228B, 287B, 291B
SAN FRANCISQUITO	215B, 251A, 280A
SAN LUIS RIO COLORADO	203A, 208A, 273B, 292B, 300B
SAN PEDRO	255A
SANTA ANA	206B
SASABE	204B, 208C, 266B, 270B
SONOITA	256B, 211B, 231B, 239A, 243B, 247B, 201A, 205A
SANTA CRUZ	223A, 239B
TECORIPA	220B, 224A, 228B, 232B, 240B, 244C, 248C
TEPACHE	257A, 212B
URES	225A, 236B, 292C, 299C
VILLA HIDALGO	216B

TAMAULIPAS

CANDIDO AGUILAR	206A
CIUDAD ALEMAN	230A, 265A
CIUDAD CAMARGO	213B, 269A
CIUDAD GUERRERO	261A, 297A
CIUDAD MIER	206A
CIUDAD VICTORIA	207A, 233C, 241C, 248B, 252C, 257C, 261A, 269C, 273C, 223A, 237A, 281C, 296B, 300C

EL CARMEN	207A, 274A
EL LOBO	270A, 294A
FCO. GLEZ. VILLARREAL	214A
GOLIAT	222B
LOS COMALES	293A
LOS VILLARREALES	220A, 286A, 290A
MATAMOROS	226A, 249B, 268A, 276A, 290A, 296B, 213B, 217B
NUEVO LAREDO	239A, 246B, 257B*, 268A, 272A, 279A, 283A, 287A, 296A, 205B, 217B, 231A
PLAYA WASHINGTON	228C, 283A
REYNOSA	207A, 211A, 215A, 226C, 237A, 266A, 273B, 277A, 294A
RIO BRAVO	267A, 219A
SAN FERNANDO	265B
SAN IGNACIO	223A, 294A
SAN RAFAEL	242A, 285A, 289A
SANTANDER JIMENEZ	225B, 229B, 285C, 289B
SOTO LA MARINA	205B, 209B, 213C, 217C
VALLE HERMOSO	204A*, 270A, 209A, 217A, 287A
VILLAGRAN	215A

**ANNEX 2
TABLE A PART I
TABLE OF INITIAL MEXICAN ASSIGNMENTS**

INITIAL LIST OF MEXICAN ASSIGNMENTS

BAJA CALIFORNIA

<u>LOCATION</u>	<u>CALL SIGN</u>	<u>CHANNEL</u>	<u>GEOGRAPHIC COORDINATES</u>		<u>POWER</u>	<u>HAAT</u>
			<u>(LAT)</u>	<u>(LON)</u>	<u>(kW)</u>	<u>(m)</u>
Ensenada	XHBCE-FM	221A	31 52 21	116 37 50	3.00	9.0
Ensenada	XHUAC-FM	238B	31 51 10	116 38 09	0.18	0.3
Ensenada	XHADA-FM	295B	31 51 19	116 38 14	45.87	101.3
Mexicali	XHSOL-FM	210B	32 39 52	115 29 04	9.39	41.9
Mexicali	XHJC-FM	218B	32 38 37	115 27 09	14.65	53.3
Mexicali	XHMMF-FM	222B	32 38 17	115 28 17	4.72	35.1
Mexicali	XHPF-FM	270B	32 38 37	115 27 09	14.80	34.8
Mexicali	XHVG-FM	277B	32 38 37	115 27 09	14.63	55.7
Mexicali	XHBA-FM	281C	32 34 15	115 26 55	100.00	39.6
Mexicali	XHMC-FM	285B	32 38 18	115 28 17	10.04	48.3
Mexicali	XEWV-FM	294A	32 38 51	115 28 19	2.02	38.7
Tecate	XHATE-FM	257A	32 34 11	116 38 55	2.93	-21.5
Tijuana	XHITT-FM	204A	32 30 10	117 01 43	1.15	138.5
Tijuana	XHITZ-FM	212C	32 30 26	117 04 50	93.12	139.0
Tijuana	XETRA-FM	216C	32 31 03	117 01 05	100.00	136.4
Tijuana	XHRM-FM	223B	32 30 31	117 01 07	50.00	105.1
Tijuana	XHTY-FM	233A	32 29 25	116 58 15	2.00	61.0
Tijuana	XHTIJ-FM	249A	32 27 53	116 57 40	0.65	140.1
Tijuana	XHQF-FM	255B	32 31 58	117 03 55	25.00	70.9
Tijuana	XHKY-FM	257B1	32 30 29	117 02 17	25.00	100.0
Tijuana	XHBCN-FM	259A	32 29 25	116 58 15	3.00	24.6
Tijuana	XHUAN-FM	273B	32 29 14	116 59 20	0.40	238.0
Tijuana	XHLTN-FM	283B	32 31 25	117 00 35	57.30	107.0

CHIHUAHUA

<u>LOCATION</u>	<u>CALL SIGN</u>	<u>CHANNEL</u>	<u>GEOGRAPHIC COORDINATES</u>		<u>POWER</u>	<u>HAAT</u>
			<u>(LAT)</u>	<u>(LON)</u>	<u>(kW)</u>	<u>(m)</u>
Chihuahua	XHUA-FM	211C	28 38 24	106 04 25	9.82	-21.4
Chihuahua	XHAHC-FM	215C	28 38 12	106 04 42	100.00	-63.8
Chihuahua	XHCHA-FM	283B	28 38 12	106 04 42	50.00	-38.7
Chihuahua	XHSU-FM	291C	28 36 21	106 06 41	40.00	-14.7
Ciudad Cuauhtemoc	XHCTC-FM	260B	28 24 28	106 51 24	8.50	63.9
Ciudad Juarez	XHPX-FM	252C	31 44 19	106 28 59	29.60	-41.3
Ciudad Juarez	XHH-FM	264C	31 44 22	106 28 49	50.34	7.3
Ciudad Juarez	XHEM-FM	278A	31 44 01	106 27 53	2.99	-33.0
Ciudad Juarez	XHTO-FM	282B	31 44 19	106 29 15	10.08	-34.8
Ciudad Juarez	XHIM-FM	286A	31 44 01	106 27 53	2.88	-19.8
Ciudad Juarez	XHGU-FM	290C	31 44 27	106 28 21	46.45	-1.1
Ciudad Juarez	XHUAR-FM	294C	31 42 22	106 29 54	100.00	180.0
Ciudad Juarez	XHNZ-FM	298C	31 44 01	106 27 53	9.59	-28.7
Hidalgo Del Parral	XHCPH-FM	245B	26 55 00	105 39 46	1.87	200.4
Ojinaga	XHHIH-FM	273B	29 32 52	104 23 35	9.30	231.5

COAHUILA

<u>LOCATION</u>	<u>CALL SIGN</u>	<u>CHANNEL</u>	<u>GEOGRAPHIC COORDINATES</u>		<u>POWER</u>	<u>HAAT</u>
			<u>(LAT)</u>	<u>(LON)</u>	<u>(kW)</u>	<u>(m)</u>
Ciudad Acuna	XHRG-FM	238B	29 18 17	100 55 42	3.52	52.1
Ciudad Acuna	XHPL-FM	259A	29 19 10	100 56 35	0.82	21.4
Ciudad Acuna	XHHAC-FM	264A	29 18 10	100 55 31	3.00	58.0
Monclova	XHMS-FM	258B	26 54 54	101 25 33	1.91	77.3
Monclova	XHTF-FM	262B	26 54 20	101 24 52	10.11	-47.2
Piedras Negras	XHTA-FM	233A	28 42 35	100 31 05	0.89	-235.0
Piedras Negras	XHSL-FM	256A	28 41 55	100 30 47	0.96	37.2
Piedras Negras	XHSG-FM	260B	28 41 58	100 31 56	10.12	49.8
Piedras Negras	XHRE-FM	288B	28 42 25	100 31 02	1.89	32.6
Piedras Negras	XHPC-FM	300B	28 41 10	100 33 02	10.00	146.0
Sabinas	XHEC-FM	220B	27 50 46	101 07 30	4.00	31.0
Saltillo	XHQCFM	228A	25 24 43	101 00 19	2.90	-65.1
Saltillo	XHRP-FM	234B	25 24 21	101 00 18	9.29	-111.4

NUEVO LEON

<u>LOCATION</u>	<u>CALL SIGN</u>	<u>CHANNEL</u>	<u>GEOGRAPHIC COORDINATES</u>		<u>POWER (kW)</u>	<u>HAAT (m)</u>
			<u>(LAT)</u>	<u>(LON)</u>		
Cerralvo	XHCER-FM	264A	26 05 20	99 36 55	3.00	39.3
Galeana	XHGAL-FM	229A	24 49 27	100 04 36	0.25	-187.5
Linares	XHNAR-FM	277B	24 51 33	99 34 04	50.00	78.3
Montemorelos	XHLOS-FM	249A	25 11 21	99 49 37	3.00	75.1
Monterrey	XHUNL-FM	207D	25 40 11	100 18 26	0.02	-132.2
Monterrey	XHXL-FM	219C	25 39 41	100 19 31	39.93	-64.8
Monterrey	XHSRO-FM	223C	25 40 03	100 21 28	94.78	-130.8
Monterrey	XHQQ-FM	227C	25 39 27	100 20 04	20.19	-63.7
Monterrey	XET-FM	231B	25 39 13	100 18 38	50.00	-64.7
Monterrey	XHRK-FM	239B	25 39 41	100 19 31	39.93	-64.8
Monterrey	XHSR-FM	247C	25 40 03	100 21 28	96.43	-149.2
Monterrey	XHRL-FM	251A	25 39 23	100 18 38	9.95	-143.0
Monterrey	XHJD-FM	255B	25 39 13	100 18 38	50.00	-54.5
Monterrey	XHSP-FM	259B	25 41 08	100 19 36	1.81	-155.1
Monterrey	XHIL-FM	267B	25 39 11	100 19 29	39.54	-94.8
Monterrey	XHQI-FM	271C	25 37 34	100 19 11	99.63	-136.1
Monterrey	XHMG-FM	275C	25 39 41	100 19 31	39.74	-70.1
Monterrey	XHITS-FM	279C	25 39 11	100 19 29	38.93	-79.8
Monterrey	XHMF-FM	283C	25 40 07	100 18 50	19.76	-102.2
Monterrey	XHMNR-FM	291C	25 40 11	100 18 26	100.00	-40.4
Monterrey	XHPJ-FM	295B	25 39 13	100 18 38	50.00	-41.9
Monterrey	XHMN-FM	299B	25 39 20	100 19 54	9.88	-63.8
Sabinas Hidalgo	XHSAB-FM	208A	26 29 55	100 10 45	3.00	-41.2

SONORA

<u>LOCATION</u>	<u>CALL SIGN</u>	<u>CHANNEL</u>	<u>GEOGRAPHIC COORDINATES</u>		<u>POWER (kW)</u>	<u>HAAT (m)</u>
			<u>(LAT)</u>	<u>(LON)</u>		
Benjamin Hill	XHHIL-FM	211B	30 14 00	111 02 00	2.04	208.9
Cananea	XHSCA-FM	249A	30 59 08	110 17 25	1.80	57.3
Hermosillo	XHLL-FM	214B	29 07 25	110 56 45	50.00	98.6
Hermosillo	XHMV-FM	230C	29 04 41	110 57 26	9.57	33.6
Hermosillo	XHHB-FM	234B	29 04 23	110 57 06	5.00	149.3
Hermosillo	XHSD-FM	262B	29 06 43	110 55 58	10.00	150.8
Nogales	XHNGS-FM	244B	31 19 10	110 57 36	30.50	37.0
Nogales	XHQT-FM	274B	31 19 10	110 57 36	1.77	-59.1
Nogales	XHRZ-FM	278B	31 19 28	110 56 47	3.02	-82.9
Nogales	XHNI-FM	286B	31 19 52	110 57 17	5.20	-38.6
Nogales	XHNES-FM	290C	31 19 07	110 57 29	15.36	453.0
San Luis Rio Colo.	XHSLR-FM	300B	32 26 27	114 45 21	4.36	58.6
Sonoita	XHITA-FM	243B	31 51 50	112 50 55	0.02	-54.5

TAMAULIPAS

<u>LOCATION</u>	<u>CALL SIGN</u>	<u>CHANNEL</u>	<u>GEOGRAPHIC COORDINATES</u>		<u>POWER (kW)</u>	<u>HAAT (m)</u>
			<u>(LAT)</u>	<u>(LON)</u>		
Ciudad Victoria	XHUNI-FM	273C	23 43 58	99 08 46	10.12	-198.1
Ciudad Victoria	XHVIC-FM	300C	23 44 04	99 07 55	14.86	-134.8
Matamoros	XHMLS-FM	217B	25 50 45	97 30 19	49.43	49.7
Matamoros	XEEW-FM	249B	25 52 25	97 30 31	2.76	61.6
Matamoros	XHVTH-FM	296B	25 52 32	97 29 56	50.00	63.8
Nuevo Laredo	XHNOE-FM	217B	27 28 33	99 30 32	50.00	35.4
Nuevo Laredo	XHTLN-FM	231A	27 29 13	99 30 07	2.85	67.4
Nuevo Laredo	XHNLO-FM	246B	27 29 13	99 30 07	3.00	27.6
Nuevo Laredo	XHNK-FM	257B	27 29 34	99 30 56	9.55	35.4
Reynosa	XHRYA-FM	211A	26 03 56	98 20 28	2.43	62.3
Reynosa	XHRYA-FM	215A	26 04 48	98 16 57	2.99	51.3
Reynosa	XHAAA-FM	226C	26 02 59	98 21 57	100.00	90.0
Reynosa	XHRR-FM	273B	26 04 22	98 16 52	10.00	32.0
Rio Bravo	XHAVO-FM	267A	25 58 45	98 03 35	3.00	81.3

ANNEX 2
TABLE B PART I
UNITED STATES OF AMERICA
TABLE OF ALLOTMENTS

Legend

- * Specially negotiated allotment with less separation than established. Assignment may operate with maximum permitted parameters for its class.
- * (L1) Limited to 100kW ERP and 213 meters HAAT or the equivalent (74 dBu at border) (F 50,50).
- * (L2) Limited to 549 meters HAAT and 2 kW ERP or equivalent (78 dBu at border) (F 50,50).
- * (L3) Limited to 50 kW and 56 meters HAAT or equivalent (62 dBu at border) (F 50,50).
- * (L4) Restricted allotment capable of operating at maximum class B parameters of 50 kW and 150 meters HAAT or equivalent.

ARIZONA

<u>Location</u>	<u>Channel</u>
Ajo	220C, 252A
Apache Junction	296C
Arizona City	292B
Bagdad	280B
Benson	249A
Bisbee	222A
Buckeye	295B
Bullhead City	274C
Casa Grande	288B
Chandler	300C
Claypool	291B
Clifton	271C, 289C
Comobabi	276A
Coolidge	280B
Cottonwood	240C, 289A
Douglas	201C, 205A, 211A, 237A, 243A
Eagar	223C
Glendale	222C, 278C
Globe	211A, 247B, 262C
Green Valley	221B, 246A
Kearny	287B
Kingman	211A, 220C, 234C, 260C, 290C
Lake Havasu City	216A, 224B, 244B, 266C, 283B
Marana	252B
Mesa	227C, 284C
Miami	252B
Nogales	252A
Oracle	276A

Oro Valley	248A
Paradise Valley	290A
Parker	211A, 224C, 257B
Payson	266C, 282C
Phoenix	202C, 208A, 212B, 218C, 233C, 238C, 245C, 254C, 260C, 268C, 273C
Pinetop	294C
Prescott	208A, 215C, 256C, 271C
Prescott Valley	252B, 294B
Quartzsite	232B
Safford	215C, 220A, 231C
San Carlos	279B
Scottsdale	264C
Show Low	228B, 243C
Sierra Vista	265A, 269A
Springerville	269B
St. Johns	239C
Sun City	292B
Tempe	250C
Thatcher	256C
Tucson	206A, 213C, 217B, 225C, 229C, 235C, 241C*, 258C, 281A, 298C
Whiteriver	201A
Wickenburg	209A, 229B, 287C
Willcox	252A
Yuma	201A, 205A, 226C, 236C, 265A

CALIFORNIA

Anaheim	240A
Apple Valley	272B
Arcadia	296A
Avalon	204A, 224A
Baker	235B, 268B
Barstow	217A, 232B, 240B
Beaumont	265B
Big Bear City	227A
Big Bear Lake	269A
Blythe	203A, 219A, 262B
Brawley	233B*, 241B
Buena Park	211D
Calexico	204A, 249A
California City	295A
Calipatria	265A
Camarillo	212B, 240B
Carlsbad	239B*(L4)
Carpinteria	269B
Cathedral City	253B
Claremont	204A
Coachella	229B
Compton	272A
Desert Center	288A
East Los Angeles	250B
El Cajon	227B
El Centro	298B
El Rio	279B
Escondido	221A

Essex	255B
Fallbrook	296A
Garden Grove	232A
George	264B
Glendale	270C
Goleta	292B
Hemet	289A
Holtville	261A
Idyllwild	267B
Imperial	257A
Indio	207A, 224A, 272A
Inglewood	280A
Irvine	205B
Joshua Tree	221B
Julian	261A
La Quinta	244A
Lake Arrowhead	280B
Lancaster	292A
Lenwood	245B, 285A, 297B
Long Beach	201B, 211D, 250C, 288A
Los Angeles	205A, 214C, 218C, 222B, 226C, 230C, 234C, 238C, 242C, 246C, 254C, 258C, 262C, 266C, 274B, 278C, 282C, 286C, 290C, 298C
Lucerne Valley	293B
Ludlow	289B
Mecca	249A
Mission Viejo	203A
Mojave	249B
Montecito	225B
Moorpark	201B
Mountain Pass	258C
Needles	250C
Newport Beach	276A
Northridge	203A
Oakview	288A
Oceanside	271B
Ojai	208B, 288B
Ontario	228A
Oxnard	206B, 252B, 275B, 284B
Palm Desert	219A, 276A
Palm Springs	203A, 263B, 284B*, 291B
Pasadena	207B, 294B
Rancho Mirage	258A
Redlands	206A, 244A
Redondo Beach	228A
Riverside	202A, 209A, 224A, 248B, 256C
Rosamond	228A, 288A
San Bernardino	220B, 236B, 260B
San Clemente	285A, 300B
San Diego	202A, 208B, 231B*(L1), 235B*(L2), 243C, 247B, 251B, 264B, 268C, 275B*(L3), 279C, 287B, 293B
San Fernando	232A
San Jacinto	241A
Santa Ana	244A, 292A

Santa Barbara	204B, 208B, 220B, 229B, 248B, 260C, 277B, 299B
Santa Monica	210B, 276A
Santa Paula	244A
Sun City	225A
Tehachapi	276B
Temecula	205A, 233A
Thousand Oaks	202B, 216B, 224A
Thousand Palms	234A
Torrance	209D
Twentynine Palms	239B, 299B
Ventura	236B, 264C, 296B
Victorville	203B, 208B, 276B
Walnut	211D
West Covina	252A
Yermo	251B, 287B
Yucaipa	211A
Yucca Valley	295B

NEW MEXICO

Alamogordo	201C, 208A, 232B, 279C, 287B
Artesia	219A, 225C
Bayard	275C
Belen	288B
Bosque Farms	284C
Carlsbad	211A, 215C, 221B, 281C, 291B
Central	237B
Deming	219A, 232B
Eunice	265B
Hatch	266C
Hobbs	211A, 231C, 239C, 243A, 275C
Jal	296A
La Luz	224B
Las Cruces	209A, 214C, 218A, 258C, 276A, 280B
Lordsburg	220A, 250C
Lovington	220A, 269B
Maljamar	254C, 286C
Mesilla Park	285A
Roswell	213C, 217A, 235C, 246C, 258B, 263C, 284B, 293C
Ruidoso	228B
Silver City	212C, 217A, 233B
Socorro	208A, 216C, 225B, 284C
Truth or Consequences	220A, 254C

NEVADA

Laughlin	228C, 300C
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TEXAS

Abilene	223B, 264C
Alamo	285A
Alice	221A, 275B
Alpine	219C, 224A

Andrews	209A, 288B
Austin	204A, 208C, 213C, 219A, 229C, 238C, 251C, 264C, 272B
Ballinger	211A, 276B
Bandera	252B, 289B
Beeville	218A, 250B, 289B
Benavides	232B, 299B
Big Lake	211A, 252B, 280A
Big Spring	203C, 207A, 232B, 240B
Bishop	296A
Bloomington	295B
Bracketville	212A
Brady	219A, 237B
Brownsville	201A, 258C, 262C
Brownwood	205C, 212A, 257C, 268C, 281C
Burnet	223A, 295B
Campwood	256A
Carrizo Springs	201A, 221A, 228A
Coahoma	232B, 288B
Coleman	220A, 296B
Colorado City	211A, 291B
Comfort	236B
Corpus Christi	204B, 212C, 219B, 230C, 234B, 238C, 243C, 256C*
Cotulla	203A, 249A
Crane	205A, 267C
Crystal City	214A, 232A
Cuero	210A, 249A
Del Rio	204C, 214A, 232A, 242C
Devine	221A
Dilly	255B
Eagle Pass	208C, 213A, 224A
Edinburg	203A, 281C, 300C
El Paso	203C, 208A, 216A, 222C, 226C, 230C, 234C, 238C, 242C, 248C, 260C, 271C
Eldorado	219A
Fabens	276A
Falfurrias	218A, 264A, 277A, 292B
Floresville	209B, 231B
Fort Stockton	201C, 206A, 232A
Fredericksburg	201A, 266C
Freer	214A, 240A
George West	228B, 265B, 281A
Georgetown	244C
Goliad	216A, 240B
Gonzales	220A, 292B
Gregory	283B
Harlingen	205A, 233C, 241C
Hebbronville	220A, 269A
Hollywood Park	253B
Hondo	202A, 253A
Ingleside	297A
Johnson City	300B
Jourdanton	239B
Junction	212A, 228A
Kenedy	221B, 281B

Kenedy-Karne	201A
Kermit	212A, 292A
Kerrville	216A, 222B, 232B
Killeen	227C
Kingsville	216A, 224B, 248C
Lamesa	210A, 262C, 284C
Lampasas	255C
Laredo	201A, 210C, 224A, 235C, 251C, 291A
Leakey	282A
Llano	203A, 284B
Lometa	270A
Los Ybanez	300B
Luling	234C
Lytle	217A
Marfa	203A, 228A
Mason	250B
McCamey	237B
Mcallen	201B, 245C, 253C
Mercedes	292A
Merkel	274C
Midland	211A, 222C, 227C, 236B, 277C, 294C
Mirando City	263B
Mission	288A
Monahans	210A, 260C, 271C
New Braunfels	210B, 221A
Odem	252B
Odessa	213B, 217C, 241B, 245C, 250C, 256C, 299B
Ozona	213A, 232B
Palacios	259A, 264A
Pearsall	237A, 281A
Pecos	205A, 247C, 252B
Pleasanton	252A
Point Comfort	231B, 285B
Port Isabel	266A
Port Lavaca	201A, 227C
Portland	288A
Premont	285A
Presidio	202A
Raymondville	201A, 271B, 289A
Refugio	291C
Rio Grande City	201A, 276A
Robstown	208C, 260C, 286A
Rockport	217A, 272B
Rocksprings	210A, 273A
Rollingwood	285B
Roma	249A
Round Rock	290B
San Angelo	215C, 220A, 225C, 230C, 234C, 248C, 254C, 261B, 270C, 298C
San Antonio	202C, 206C, 211A, 215B, 219A, 225C, 241C, 247C, 258C, 262C, 270C, 274C, 283C, 298C
San Diego	290B
San Marcos	218A, 278C
San Pedro	295B
San Saba	210A, 246B

Sanderson	207A
Seadrift	286A
Seguin	202A, 287C
Seminole	205A, 292B
Sinton	267C, 279C
Sonora	211A, 221B
South Padre Island	224A, 237A
Stanton	290A
Sterling City	243B
Sweetwater	213A, 244B
Terrell Hills	294C
Three Rivers	233B
Tye	259C
Uvalde	216A, 229A, 272A, 285A
Van Horne	202A
Victoria	207B, 222B, 236C, 254C, 265B, 300C
Winters	241B
Yoakum	223A
Zapata	202A

**ANNEX 2
TABLE B PART I
TABLE OF INITIAL UNITED STATES ASSIGNMENTS**

INITIAL LIST OF UNITED STATES ASSIGNMENTS

ARIZONA

<u>LOCATION</u>	<u>CALL SIGN</u>	<u>CHANNEL</u>	<u>GEOGRAPHIC COORDINATES</u>		<u>POWER</u>	<u>HAAT</u>
			<u>(LAT)</u>	<u>(LON)</u>	<u>(kW)</u>	<u>(m)</u>
Ajo	KTTZ	252A	32 23 35	112 52 15	3.00	21.0
Apache Junction	KVAFM	296C	33 26 48	111 37 32	2.50	98.0
Arizona City	KONZ	292B	32 37 43	111 34 09	3.40	134.0
Benson	KAVV	249A	31 54 19	110 27 08	.63	180.0
Bisbee	KZMK	222A	31 28 52	109 57 30	.05	677.0
Buckeye	KMJK	295B	33 27 01	112 35 58	6.00	93.0
Bullhead City	KFLGFM	274C	35 14 56	114 44 37	53.00	734.0
Casa Grande	KFASFM	288B	32 49 27	111 42 09	1.90	110.0
Chandler	KMLE	300C	33 20 03	112 03 43	100.00	529.0
Claypool	KIKOFM	291B	33 24 23	110 48 18	3.00	-85.0
Clifton	KJJJ	271C	32 53 22	109 19 24	2.80	677.0
Coolidge	KQZFM	280B	33 02 16	111 30 59	3.00	91.0
Cottonwood	KZGL	240C	34 41 14	112 07 00	5.00	762.0
Cottonwood	KVRDFM	289A	34 41 15	112 07 02	.04	779.0
Douglas	KRRK	237A	31 22 08	109 31 45	3.00	15.0
Douglas	KDAPFM	243A	31 21 18	109 33 06	3.00	9.0
Eagar	KTHQ	223C	34 05 47	109 27 52	100.00	300.0
Glendale	KKFR	222C	33 20 00	112 03 46	100.00	502.0
Glendale	KCWB	278C	33 35 30	112 34 55	52.00	740.0
Globe	KRXS	247B	33 24 30	110 48 14	3.00	-127.0
Globe	KZRX	262C	33 17 23	110 51 53	90.00	624.0
Green Valley	KTZN	221B	32 00 11	110 47 49	50.00	150.0
Green Valley	KGMS	246A	31 54 39	111 02 38	1.65	118.0
Kearny	KCDX	287B	32 49 38	110 34 12	50.00	150.0
Kingman	KZZZ	234C	35 06 40	113 53 08	46.00	760.0
Kingman	KGMN	260C	35 06 37	113 52 55	.91	883.0
Kingman	KRCY	290C	35 01 58	114 21 57	17.00	576.0
Lake Havasu City	KNLB	216A	34 29 10	114 13 06	1.15	138.0
Lake Havasu City	NEW	224B	34 29 02	114 19 18	50.00	150.0
Lake Havasu City	KBBC	266C	34 39 26	114 20 42	100.00	301.0
Lake Havasu City	KZULFM	283B	34 33 06	114 11 37	1.05	822.0
Marana	KXMG	252B	32 27 09	111 05 09	3.00	91.0
Mesa	KDKB	227C	33 20 04	112 03 36	100.00	469.0
Mesa	KVRY	284C	33 20 04	112 03 35	100.00	472.0
Miami	KQSS	252B	33 24 30	110 48 14	3.00	-92.0
Nogales	KAYN	252A	31 23 17	110 55 38	.22	70.0
Oracle	KLQB	276A	32 37 07	110 47 20	.90	153.0
Oro Valley	KRRN	248A	32 20 18	111 00 50	3.00	-35.0
Paradise Valley	NEW	290A	33 30 47	111 56 58	3.00	82.0
Parker	KWFH	211A	34 07 22	114 12 40	.18	308.0
Parker	KMDX	257B	34 07 22	114 12 40	.18	308.0
Payson	KRMM	266C	34 25 49	111 30 16	88.00	315.0
Payson	KRIM	282C	34 25 48	111 30 16	100.00	355.0

ARIZONA (continued)

<u>LOCATION</u>	<u>CALL SIGN</u>	<u>CHANNEL</u>	<u>GEOGRAPHIC COORDINATES</u>			<u>POWER</u>	<u>HAAT</u>			
			<u>(LAT) (LON)</u>			<u>(kW)</u>	<u>(m)</u>			
Phoenix	KNAI/KPHF	202C	33	35	47	112	05	29	22.50	304.0
Phoenix	NEW	208A	33	19	58	112	03	53	.09	446.0
Phoenix	KFLRFM	212B	33	20	02	112	03	44	2.80	487.0
Phoenix	KJZZ	218C	33	19	58	112	03	53	100.00	490.0
Phoenix	KOOLFM	233C	33	20	02	112	03	42	100.00	504.0
Phoenix	KOYFM	238C	33	20	06	112	03	39	100.00	479.0
Phoenix	KPSN	245C	33	20	03	112	03	36	100.00	475.0
Phoenix	KKLT	254C	33	19	58	112	03	48	100.00	545.0
Phoenix	KESZ	260C	33	20	02	112	03	40	100.00	509.0
Phoenix	KMXX	268C	33	19	52	112	03	46	100.00	530.0
Phoenix	KNIXFM	273C	33	19	58	112	03	53	100.00	494.0
Pinetop	KKGL	294C	34	12	20	109	56	26	100.00	298.0
Prescott	NEW	215C	34	41	15	112	07	02	55.00	758.0
Prescott	KOTFM	256C	34	34	29	112	28	45	6.00	61.0
Prescott	KAHM	271C	34	41	14	112	07	01	45.00	778.0
Prescott Valley	NEW	252B	34	37	46	112	18	56	50.00	-43.0
Prescott Valley	KIHCFM	294B	34	29	25	112	32	00	3.70	493.0
Quartzsite	KBUX	232B	33	40	58	114	13	59	3.00	-49.0
Safford	KXKQ	231C	32	49	30	109	45	30	100.00	-98.0
San Carlos	NEW	279B	33	23	13	110	44	25	6.00	66.0
Scottsdale	KSLX	264C	33	19	53	112	03	47	100.00	561.0
Show Low	KVWMFM	228B	34	13	14	110	01	49	25.00	45.0
Show Low	KRFM	243C	34	12	20	109	56	26	100.00	303.0
Sierra Vista	KFFN	265A	31	32	47	110	16	29	3.00	-14.0
Sierra Vista	KKYZ	269A	31	33	59	110	13	57	3.00	91.0
Springerville	KQAZ	269B	34	08	17	109	16	10	1.10	-28.0
St. Johns	KQZE	239C	34	15	06	109	35	06	100.00	354.0
Sun City	KONCFM	292B	33	36	05	112	17	31	2.50	99.0
Tempe	NEW	250C	33	19	57	112	03	53	100.00	494.0
Thatcher	KFMM	256C	32	53	22	109	19	23	50.00	695.0
Tucson	KUAZ	206A	32	22	21	111	05	52	3.00	3.0
Tucson	KUATFM	213C	32	24	55	110	42	54	12.50	1091.0
Tucson	KXCI	217B	32	24	54	110	42	56	.34	1110.0
Tucson	KWFM	225C	32	14	56	111	06	59	93.00	621.0
Tucson	KRQQ	229C	32	14	56	111	06	57	94.00	619.0
Tucson	KKLD	235C	32	14	56	111	06	59	100.00	595.0
Tucson	KLPX	241C	32	14	56	111	06	59	100.00	595.0
Tucson	KIIMFM	258C	32	14	56	111	06	59	93.00	621.0
Tucson	NEW	281A	32	17	23	111	01	06	3.00	7.0
Tucson	KCRZ	298C	32	24	54	110	42	56	14.50	1075.0
Whiteriver	KNNB	201A	33	45	47	109	57	39	.63	183.0
Wickenburg	NEW	229B	33	55	32	112	47	38	1.50	201.0
Wickenburg	KRDSEFM	287C	34	11	32	112	45	13	6.00	416.0
Willcox	KWCX	252A	32	16	00	109	49	58	3.00	17.0
Yuma	KCFY	201A	32	38	31	114	33	34	3.00	73.0
Yuma	KAWCFM	205A	32	41	10	114	29	38	3.00	23.0
Yuma	KJOK	226C	32	39	06	114	39	00	100.00	24.0
Yuma	KTTI	236C	32	40	25	114	20	12	100.00	383.0
Yuma	KYXI	265A	32	38	31	114	33	34	3.00	80.0

CALIFORNIA

LOCATION	CALL SIGN	CHANNEL	GEOGRAPHIC COORDINATES			POWER (kW)	HAAT (m)
			(LAT)	(LON)			
Anaheim	KEZYFM	240A	33 49 53	117 48 33	2.40	100.0	
Apple Valley	KZXYFM	272B	34 24 40	117 11 09	6.00	100.0	
Arcadia	KMAX	296A	34 10 51	118 01 38	3.00	-13.0	
Avalon	KPJO	204A	33 20 36	118 19 16	3.00	-57.0	
Avalon	KRCI	224A	33 20 21	118 19 03	3.00	49.0	
Baker	NEW	235B	35 08 20	116 13 34	15.50	127.0	
Baker	KIXA	268B	35 26 00	115 55 25	4.60	393.0	
Barstow	KCWM	217A	34 53 27	117 01 54	3.00	4.0	
Barstow	KDUC	232B	34 58 15	117 02 22	4.60	239.0	
Barstow	KXXZ	240B	34 58 15	117 02 21	4.40	238.0	
Beaumont	NEW	265B	33 54 29	116 59 45	1.05	165.0	
Big Bear City	KBHR	227A	34 14 32	116 51 57	3.00	91.0	
Big Bear Lake	KTOT	269A	34 12 47	116 51 59	.09	454.0	
Blythe	KERUFM	203A	33 36 40	114 35 48	3.00	-17.0	
Blythe	KJMBFM	262B	33 37 16	114 35 28	36.00	17.0	
Brawley	KWST	233B	32 48 27	115 32 18	50.00	61.0	
Brawley	KSIQ	241B	33 00 30	115 31 28	50.00	62.0	
Buena Park	KBPK	211D	33 51 35	118 00 53	.02	3.0	
Calexico	KUBO	204A	32 47 57	115 30 12	3.00	83.0	
Calexico	KQVO	249A	32 40 48	115 25 36	3.00	91.0	
California City	NEW	295A	35 15 13	117 58 14	6.00	93.0	
Calipatria	KSSB	265A	33 07 12	115 30 47	3.00	45.0	
Camarillo	KMRO	212B	34 24 47	119 11 10	4.40	381.0	
Camarillo	KELF	240B	34 17 46	119 16 20	5.00	223.0	
Carlsbad	KKOS	239B	32 53 33	117 10 40	50.00	150.0	
Carpinteria	KSBL	269B	34 27 55	119 40 37	.31	247.0	
Cathedral City	KWXYFM	253B	33 51 55	116 26 10	50.00	152.0	
Claremont	KSPC	204A	34 05 38	117 42 35	3.00	-81.0	
Coachella	KCLBFM	229B	33 48 07	116 13 27	26.50	195.0	
Compton	KJLH	272A	33 59 52	118 21 32	2.25	103.0	
Desert Center	KZAL	288A	33 39 15	115 27 00	.06	599.0	
El Cajon	KECFM	227B	32 41 48	116 56 10	1.80	575.0	
El Centro	KXOFM	298B	32 46 35	115 32 58	25.50	48.0	
El Rio	NEW	279B	34 18 10	119 13 41	.48	246.0	
Escondido	KOWF	221A	33 06 39	117 09 13	.17	311.0	
Essex	KHWY	255B	34 52 50	115 04 05	7.40	327.0	
Fallbrook	KBAX	296A	33 23 01	117 11 20	3.00	91.0	
Garden Grove	KIKF	232A	33 46 52	117 53 34	3.00	75.0	
George	KATJ	264B	34 36 38	117 17 18	.26	472.0	
Glendale	KLITFM	270C	34 13 26	118 03 45	2.40	863.0	
Goleta	KMGQ	292B	34 27 55	119 40 38	.36	265.0	
Hemet	KHYE	289A	33 41 17	116 55 32	.17	312.0	
Holtville	KGBA	261A	32 48 10	115 29 53	2.50	101.0	
Idyllwild	KATYFM	267B	33 46 05	116 44 01	.08	480.0	
Imperial	KBCD	257A	32 51 44	115 33 41	3.00	61.0	
Indio	KCRY	207A	33 48 05	116 13 27	.78	180.0	
Indio	KCMJFM	224A	33 47 45	116 13 19	3.00	91.0	
Indio	KRCQ	272A	33 48 07	116 13 29	.66	174.0	
Inglewood	KACE	280A	34 00 24	118 21 52	1.65	119.0	
Irvine	KUCI	205B	33 38 41	117 50 36	.20	-3.0	

CALIFORNIA (continued)

LOCATION	CALL SIGN	CHANNEL	GEOGRAPHIC COORDINATES		POWER (kW)	HAAT (m)
			(LAT)	(LON)		
Joshua Tree	NEW	221B	34 09 16	116 11 57	6.00	100.0
Julian	KBNN	261A	33 09 33	116 36 53	.05	677.0
La Quinta	KBZTFM	244A	33 48 08	116 13 30	.65	177.0
Lake Arrowhead	KBON	280B	34 14 05	117 08 25	.19	534.0
Lancaster	KGMX	292A	34 44 41	118 07 30	3.00	41.0
Lenwood	NEW	245B	34 58 15	117 02 21	1.00	247.0
Lenwood	KIQQFM	285A	34 50 00	117 02 53	3.00	91.0
Lenwood	KQEH	297B	34 58 13	117 02 19	.34	235.0
Long Beach	KLON	201B	33 48 00	118 09 45	8.00	129.0
Long Beach	KSUL	211D	33 46 01	118 11 48	.01	46.0
Long Beach	KSKQFM	250C	34 00 24	118 21 52	50.00	119.0
Long Beach	KNAC	288A	33 51 29	118 13 22	1.05	143.0
Los Angeles	KXLU	205A	33 58 16	118 24 56	2.90	3.0
Los Angeles	KPFK	214C	34 13 45	118 04 03	110.00	863.0
Los Angeles	KUSC	218C	34 09 49	118 11 44	25.00	203.0
Los Angeles	KKBT	222B	34 13 36	118 03 57	43.00	887.0
Los Angeles	KCBSFM	226C	34 13 57	118 04 18	28.50	1066.0
Los Angeles	KZLAFM	230C	34 13 57	118 04 18	18.50	956.0
Los Angeles	KTWVFM	234C	34 13 29	118 03 47	58.00	863.0
Los Angeles	KLOS	238C	34 13 37	118 03 58	63.00	954.0
Los Angeles	KFSG	242C	34 05 05	118 12 10	54.00	146.0
Los Angeles	KLSX	246C	34 13 37	118 03 58	21.00	915.0
Los Angeles	KXEZ	254C	34 07 08	118 23 30	75.00	360.0
Los Angeles	KKLA	258C	34 09 50	118 11 46	30.00	204.0
Los Angeles	KQLZ	262C	34 13 37	118 03 58	5.30	916.0
Los Angeles	KRTHEM	266C	34 13 38	118 04 00	51.00	954.0
Los Angeles	KIISFM	274B	34 13 36	118 03 57	8.00	902.0
Los Angeles	KOST	278C	34 13 34	118 03 55	12.50	945.0
Los Angeles	KBIG	282C	34 13 36	118 03 59	105.00	881.0
Los Angeles	KKGOFM	286C	34 13 45	118 04 04	18.00	880.0
Los Angeles	KPWR	290C	34 09 50	118 11 45	72.00	235.0
Los Angeles	KLVE	298C	34 13 44	118 04 02	29.50	914.0
Lucerne Valley	KOUI	293B	34 23 08	117 03 25	.15	331.0
Ludlow	KDUQ	289B	34 42 21	116 12 38	1.80	180.0
Mecca	NEW	249A	33 34 14	116 04 24	3.00	91.0
Mission Viejo	KSBR	203A	33 30 10	117 36 06	.60	183.0
Mojave	KAVS	249B	34 58 45	118 10 02	6.00	100.0
Montecito	NEW	225B	34 28 15	119 40 33	0.13	357.0
Mountain Pass	KHYZ	258C	35 29 27	115 33 27	10.00	521.0
Needles	KWAZ	250C	35 02 06	114 22 09	29.50	473.0
Newport Beach	KOCM	276A	33 37 55	117 56 15	2.00	91.0
Northridge	KCSN	203A	34 21 13	118 24 57	.05	646.0
Oakview	KKUR-1	288A	34 24 24	119 17 41	3.00	91.0
Oceanside	KIOZ	271B	33 06 40	117 12 05	14.50	249.0
Ojai	NEW	208B	34 24 46	119 11 12	.12	380.0
Ojai	KKUR	288B	34 20 57	119 20 07	.10	414.0
Ontario	KRZEFM	228A	34 10 35	117 34 27	3.00	-50.0
Oxnard	KCRU	206B	34 06 47	119 03 34	.20	260.0
Oxnard	KDAR	252B	34 17 47	119 16 21	0.82	270.0
Oxnard	KXLM	275B	34 14 12	119 12 11	5.50	34.0
Oxnard	KCAQ	284B	34 20 53	119 20 07	2.85	482.0

CALIFORNIA (continued)

<u>LOCATION</u>	<u>CALL SIGN</u>	<u>CHANNEL</u>	<u>GEOGRAPHIC COORDINATES</u>		<u>POWER</u>	<u>HAAT</u>
			<u>(LAT)</u>	<u>(LON)</u>		
Palm Desert	KHCS	219A	33 51 57	116 25 56	0.68	175.0
Palm Desert	KEZN	276A	33 51 58	116 25 56	.64	180.0
Palm Springs	KPSC	203A	33 52 14	116 13 39	3.00	81.0
Palm Springs	KPSIFM	263B	33 56 44	116 24 34	25.00	37.0
Palm Springs	KDESFM	284B	33 51 56	116 26 04	42.00	165.0
Palm Springs	KPLM	291B	33 52 14	116 13 39	50.00	119.0
Pasadena	KPCC	207B	34 13 35	118 03 58	.60	891.0
Pasadena	KROQFM	294B	34 11 47	118 15 30	5.60	423.0
Rancho Mirage	NEW	258A	33 48 07	116 13 28	.78	175.0
Redlands	KUOREFM	206A	34 11 47	117 02 56	.04	848.0
Redlands	KCALEM	244A	34 11 51	117 17 10	1.75	115.0
Redondo Beach	KFOX	228A	33 48 16	118 22 02	3.00	53.0
Riverside	KUCR	202A	34 11 52	117 17 09	.55	89.0
Riverside	KSGN	209A	34 11 51	117 17 08	3.00	91.0
Riverside	KQLH	224A	34 11 51	117 17 09	3.00	91.0
Riverside	KHTX	248B	33 57 57	117 17 21	72.00	479.0
Riverside	KGGI	256C	34 14 04	117 08 24	2.55	562.0
Rosamond	NEW	228A	34 52 44	118 16 07	3.00	91.0
Rosamond	KAVC	288A	34 51 03	118 09 22	2.90	94.0
San Bernardino	KVCR	220B	33 57 57	117 17 05	.90	494.0
San Bernardino	KFRG	236B	34 11 51	117 17 10	50.00	149.0
San Bernardino	KOLA	260B	33 57 59	117 17 16	31.00	497.0
San Clemente	NEW	285A	33 25 50	117 35 47	1.00	146.0
San Clemente	KWVE	300B	33 25 52	117 35 47	50.00	151.0
San Diego	KSDS	202A	32 48 19	117 10 09	.83	52.0
San Diego	KPBSFM	208B	32 41 47	116 56 07	1.75	580.0
San Diego	KFSDFM	231B	32 50 21	117 14 57	100.00	195.0
San Diego	KBZS	235B	32 50 21	117 14 57	22.00	214.0
San Diego	KYXY	243C	32 50 17	117 14 56	41.00	165.0
San Diego	KSONFM	247B	32 43 13	117 04 14	50.00	134.0
San Diego	KIFM	251B	32 50 17	117 14 56	28.00	195.0
San Diego	KFMBFM	264B	32 50 17	117 14 56	30.00	189.0
San Diego	KGBFM	268C	32 43 49	117 05 01	50.00	152.0
San Diego	KCLXFM	275B	32 50 24	117 14 52	32.00	188.0
San Diego	KJQY	279C	32 50 21	117 14 57	36.00	177.0
San Diego	KCBQFM	287B	32 50 17	117 14 56	29.00	189.0
San Diego	KKLQFM	293B	32 43 17	117 04 11	50.00	134.0
San Fernando	KMGX	232A	34 17 03	118 28 17	3.00	29.0
San Jacinto	KWRP	241A	33 49 45	116 57 10	.06	458.0
Santa Ana	KWIZFM	244A	33 48 08	117 47 43	3.00	63.0
Santa Ana	KYMS	292A	33 45 21	117 51 16	3.00	40.0
Santa Barbara	KFAC	204B	34 27 55	119 40 37	12.00	264.0
Santa Barbara	NEW	208B	34 27 57	119 40 37	.22	256.0
Santa Barbara	KCSB	220B	34 31 31	119 57 29	.62	879.0
Santa Barbara	KHTY	248B	34 31 31	119 57 29	17.50	890.0
Santa Barbara	KRUZ	277B	34 31 30	119 57 10	105.00	908.0
Santa Barbara	NEW	299B	34 27 58	120 03 24	.72	536.0
Santa Barbara	KDB	229B	34 27 58	119 40 37	12.50	265.0
Santa Barbara	KTYD	260C	34 28 15	119 40 33	34.00	390.0

CALIFORNIA (continued)

LOCATION	CALL SIGN	CHANNEL	GEOGRAPHIC COORDINATES		POWER (kW)	HAAT (m)
			(LAT)	(LON)		
Santa Monica	KCRW	210B	34 07 08	118 23 30	6.90	338.0
Santa Monica	KSRF	276A	34 00 53	118 22 50	3.00	81.0
Santa Paula	KXBS	244A	34 19 33	119 02 18	.09	457.0
Sun City	NEW	225A	33 37 25	117 12 02	.37	226.0
Tehachapi	KTP1	276B	35 04 30	118 22 08	1.90	176.0
Temecula	KRTM	205A	33 27 59	117 08 29	1.15	138.0
Temecula	NEW	233A	33 28 51	117 10 59	0.28	250.0
Thousand Oaks	KCLU	202B	34 14 03	118 52 41	4.60	73.0
Thousand Oaks	KCPB	216B	34 24 47	119 11 10	4.80	390.0
Thousand Oaks	KNJO	224A	34 09 53	118 54 08	.56	192.0
Thousand Palms	NEW	234A	33 48 10	116 13 30	.55	190.0
Torrance	KNHS	209D	33 51 54	118 20 06	.01	30.0
Twentynine Palms	KQYN	239B	34 09 17	116 12 04	17.00	66.0
Twentynine Palms	KCDZ	299B	34 09 15	116 11 50	3.00	91.0
Ventura	KBBY	236B	34 06 47	119 03 34	12.50	267.0
Ventura	KHAY	264C	34 20 55	119 19 57	39.00	369.0
Ventura	KAXX	296B	34 18 10	119 13 45	.80	267.0
Victorville	KXGV	203B	34 32 15	117 18 42	3.00	-36.0
Victorville	KYUB	208B	34 36 44	117 17 27	1.25	430.0
Victorville	KVVQFM	276B	34 36 45	117 17 31	.31	427.0
Walnut	KSAK	211D	34 02 46	117 51 37	.01	127.0
West Covina	KBOB	252A	34 01 22	117 56 15	2.30	100.0
Yermo	KRXV	251B	34 59 43	116 50 15	1.15	695.0
Yermo	NEW	287B	34 48 30	116 41 01	.56	316.0
Yucaipa	KLRD	211A	34 02 19	116 57 09	.30	312.0
Yucca Valley	KROR	295B	34 04 55	116 20 32	4.00	418.0

NEW MEXICO

LOCATION	CALL SIGN	CHANNEL	GEOGRAPHIC COORDINATES		POWER (kW)	HAAT (m)
			(LAT)	(LON)		
Alamogordo	KYEE	232B	32 56 42	105 56 47	3.00	-117.0
Alamogordo	KPSAFM	279C	33 10 45	105 53 53	47.00	408.0
Alamogordo	KZZX	287B	32 49 49	105 53 25	2.25	524.0
Artesia	KTZA	225C	32 47 39	104 12 27	100.00	332.0
Bayard	KNFTFM	275C	32 51 45	108 14 29	26.00	491.0
Carlsbad	KATKFM	221B	32 27 02	104 12 47	3.00	58.0
Carlsbad	KCDY	281C	32 34 22	104 05 32	100.00	206.0
Carlsbad	NEW	291B	32 34 22	104 05 32	50.00	150.0
Central	KZTT	237B	32 51 46	108 14 26	2.05	473.0
Deming	KZPI	219A	32 15 31	107 46 45	.60	19.0
Deming	KDEM	232B	32 15 05	107 45 28	3.00	59.0
Eunice	NEW	265B	32 25 53	103 09 08	3.00	90.0
Hatch	KWQQ	266C	32 41 28	107 03 45	100.00	342.0
Hobbs	KZOR	231C	32 48 59	103 13 56	100.00	101.0
Hobbs	KPER	239C	32 43 28	103 09 03	25.00	78.0
Hobbs	NEW	243A	32 46 11	103 07 04	3.00	91.0
Hobbs	KOKN	275C	32 43 26	103 34 34	100.00	300.0

NEW MEXICO (continued)

<u>LOCATION</u>	<u>CALL SIGN</u>	<u>CHANNEL</u>	<u>GEOGRAPHIC COORDINATES</u>		<u>POWER</u>	<u>HAAT</u>
			<u>(LAT)</u>	<u>(LON)</u>	<u>(kW)</u>	<u>(m)</u>
La Luz	KPSAFM	224B	32 58 13	105 59 21	3.00	-66.0
Las Cruces	NEW	209A	32 19 58	106 52 53	.34	232.0
Las Cruces	KRWG	214C	32 15 24	106 58 34	100.00	107.0
Las Cruces	KRUX	218A	32 17 03	106 45 00	1.00	-59.0
Las Cruces	KVLC	258C	32 41 35	107 04 06	100.00	312.0
Las Cruces	KASK	276A	32 18 21	106 46 43	3.00	-34.0
Las Cruces	KGRTFM	280B	32 18 33	106 49 24	3.00	46.0
Lordsburg	KXXX	250C	32 34 57	108 25 29	94.00	612.0
Lovington	KLEAFM	269B	32 56 30	103 19 12	3.00	85.0
Maljamar	KMTH	254C	32 54 55	103 46 31	100.00	216.0
Maljamar	KWMW	286C	32 52 40	103 41 13	100.00	335.0
Mesilla Park	KMVR	285A	32 18 07	106 48 08	3.00	-10.0
Roswell	KBIMFM	235C	33 03 20	103 49 12	100.00	573.0
Roswell	KBCQ	246C	33 24 05	104 22 45	100.00	110.0
Roswell	KWFL	258B	33 23 34	104 31 28	3.00	22.0
Roswell	KSFX	263C	33 23 37	104 36 16	100.00	37.0
Roswell	KVNB	284B	33 34 46	104 31 29	50.00	125.0
Roswell	KEND	293C	33 23 05	104 43 22	52.00	41.0
Ruidoso	KWES	228B	33 23 12	105 40 14	25.00	57.0
Silver City	KSCQ	233B	32 50 40	108 14 18	.17	314.0
Socorro	NEW	225B	34 02 43	106 54 21	6.00	-54.0
Socorro	KMXQ	284C	34 29 17	107 03 17	100.00	574.0
Truth or Conseq.	KSNM	254C	32 58 15	107 13 26	37.00	806.0

NEVADA

<u>LOCATION</u>	<u>CALL SIGN</u>	<u>CHANNEL</u>	<u>GEOGRAPHIC COORDINATES</u>		<u>POWER</u>	<u>HAAT</u>
			<u>(LAT)</u>	<u>(LON)</u>	<u>(kW)</u>	<u>(m)</u>
Laughlin	NEW	228C	35 01 58	114 21 57	100.00	576.0
Laughlin	KLUK	300C	35 01 57	114 21 56	17.50	569.0

TEXAS

<u>LOCATION</u>	<u>CALL SIGN</u>	<u>CHANNEL</u>	<u>GEOGRAPHIC COORDINATES</u>		<u>POWER</u>	<u>HAAT</u>
			<u>(LAT)</u>	<u>(LON)</u>	<u>(kW)</u>	<u>(m)</u>
Abilene	KFXJ	223B	32 18 55	99 59 24	50.00	150.0
Abilene	KORQFM	264C	32 24 48	100 06 25	100.00	390.0
Alamo	KJAV	285A	26 12 49	98 05 21	3.00	79.0
Alice	KQNN	221A	27 46 39	98 04 53	3.00	91.0
Alice	KBIC	275B	27 42 26	97 46 54	50.00	150.0
Alpine	KALP	224A	30 19 09	103 37 04	2.35	100.0
Andrews	KACTFM	288B	32 20 50	102 33 23	3.00	64.0

TEXAS (continued)

<u>LOCATION</u>	<u>CALL SIGN</u>	<u>CHANNEL</u>	<u>GEOGRAPHIC COORDINATES</u>		<u>POWER</u>	<u>HAAT</u>
			<u>(LAT)</u>	<u>(LON)</u>	<u>(kW)</u>	<u>(m)</u>
Austin	KAZI	204A	30 16 37	97 49 34	1.60	107.0
Austin	KMFA	208C	30 19 23	97 47 58	65.00	279.0
Austin	KUT	213C	30 18 51	97 51 58	100.00	207.0
Austin	NEW	219A	30 16 00	97 40 27	3.00	26.0
Austin	KLBJFM	229C	30 18 36	97 47 33	97.00	320.0
Austin	KKMJFM	238C	30 19 23	97 47 58	100.00	305.0
Austin	KVETFM	251C	30 13 24	97 49 39	100.00	209.0
Austin	KASE	264C	30 19 10	97 48 06	100.00	363.0
Austin	KPEZ	272B	30 13 24	97 49 39	20.00	209.0
Ballinger	KRUNFM	276B	31 43 31	99 57 42	3.00	91.0
Bandera	KHLCFM	252B	29 48 53	99 04 55	3.00	81.0
Beeville	KYTX	250B	28 22 33	97 58 58	50.00	150.0
Beeville	KIBLFM	289B	28 28 16	97 48 39	25.00	100.0
Big Spring	KBSTFM	240B	32 13 20	101 27 35	1.80	91.0
Bishop	KFLZ	296A	27 39 10	97 54 59	3.00	91.0
Bloomington	KVMK	295B	28 42 16	96 50 08	3.00	90.0
Brady	KNELFM	237B	31 07 27	99 21 34	3.00	91.0
Brownsville	KBNR	201A	25 57 49	97 31 11	1.20	130.0
Brownsville	KRGY	258C	26 04 53	97 49 44	100.00	316.0
Brownsville	KTEX	262C	26 07 14	97 49 18	100.00	343.0
Brownwood	KBUB	212A	31 43 10	99 00 57	.55	94.0
Brownwood	KPSM	257C	31 43 10	99 00 57	.80	149.0
Brownwood	KOXE	268C	31 43 45	99 01 12	100.00	171.0
Brownwood	KXYLFM	281C	31 42 16	99 00 05	74.00	98.0
Burnet	KGZG	223A	30 49 43	98 15 52	3.00	91.0
Burnet	KHLBFM	295B	30 44 12	98 17 36	2.00	112.0
Carrizo Spring	KCZO	221A	28 33 24	99 53 49	3.00	91.0
Coleman	KSTAFM	296B	31 51 16	99 25 36	3.00	55.0
Colorado City	KAUM	291B	32 23 15	100 53 33	3.00	48.0
Comfort	KATG	236B	29 54 08	98 57 09	50.00	150.0
Corpus Christi	KFGG	204B	27 44 28	97 36 08	5.00	261.0
Corpus Christi	KEDTFM	212C	27 39 12	97 33 55	100.00	244.0
Corpus Christi	KBNJ	219B	27 46 43	97 37 57	5.00	169.0
Corpus Christi	KMXR	230C	27 46 50	97 38 03	100.00	256.0
Corpus Christi	KBSO	234B	27 49 50	97 32 34	3.00	87.0
Corpus Christi	KZFM	238C	27 39 32	97 34 10	100.00	303.0
Corpus Christi	KLTG	243C	27 39 12	97 33 55	97.00	265.0
Corpus Christi	KRYSFM	256C	27 45 11	97 38 14	100.00	284.0
Cotulla	KDCY	249A	28 30 22	99 12 46	3.00	91.0
Crane	KAIR	267C	31 21 56	102 20 22	100.00	132.0
Crystal City	KHER	232A	28 39 57	99 48 58	3.00	41.0
Cuero	KQROFM	249A	29 04 25	97 14 20	3.00	91.0
Del Rio	KDLK	232A	29 25 46	100 54 18	2.65	41.0
Del Rio	KTDR	242C	29 32 25	101 07 21	100.00	154.0
Devine	KTXX	221A	29 07 58	98 59 10	3.00	91.0
Eagle Pass	NEW	208C	28 43 32	100 28 35	100.00	57.0
Eagle Pass	KINL	224A	28 43 45	100 29 30	3.00	56.0
Edinburg	KOIR	203A	26 07 49	98 10 51	3.00	87.0
Edinburg	KBFM	281C	26 05 59	97 50 16	100.00	305.0
Edinburg	KVLY	300C	26 15 08	97 55 22	100.00	219.0

TEXAS (continued)

<u>LOCATION</u>	<u>CALL SIGN</u>	<u>CHANNEL</u>	<u>GEOGRAPHIC COORDINATES</u>		<u>POWER (kW)</u>	<u>HAAT (m)</u>
			<u>(LAT)</u>	<u>(LON)</u>		
El Paso	KTEP	203C	31 47 17	106 28 46	100.00	223.0
El Paso	KXCR	208A	31 47 34	106 28 47	.18	333.0
El Paso	NEW	216A	31 47 34	106 28 47	.14	340.0
El Paso	KOFX	222C	31 48 55	106 29 20	100.00	567.0
El Paso	KAMZ	226C	31 47 46	106 28 57	100.00	433.0
El Paso	KEZBFM	230C	31 47 36	106 28 50	100.00	369.0
El Paso	KSET	234C	31 47 34	106 28 49	61.00	299.0
El Paso	KLAQ	238C	31 47 47	106 28 55	100.00	424.0
El Paso	KHEYFM	242C	31 47 47	106 28 55	100.00	424.0
El Paso	KBNAFM	248C	31 47 34	106 28 47	100.00	332.0
El Paso	KTSMFM	260C	31 48 19	106 28 57	100.00	555.0
El Paso	KPRR	271C	31 47 34	106 28 47	100.00	363.0
Fabens	KPAS	276A	31 35 42	106 11 58	3.00	91.0
Falfurrias	KPSOFM	292B	27 14 11	98 10 22	.18	59.0
Floresville	KWCB	209B	29 13 55	98 03 05	9.00	42.0
Floresville	KRIOFM	231B	29 11 03	98 30 49	22.00	212.0
Fort Stockton	KFSTFM	232A	30 52 37	102 53 30	3.00	72.0
Fredericksburg	KONOFM	266C	29 50 26	98 49 32	100.00	418.0
Freer	KBRA	240A	27 51 17	98 35 49	.19	142.0
Georgetown	KHFIFM	244C	30 19 20	97 48 03	100.00	290.0
Gonzales	KPJN	292B	29 30 35	97 24 51	3.00	51.0
Gregory	KZDA	283B	27 52 22	97 19 27	3.00	91.0
Harlingen	KMBHFM	205A	26 10 46	97 30 06	3.00	91.0
Harlingen	KFRQ	233C	26 08 55	97 49 17	100.00	353.0
Harlingen	KIWW	241C	26 08 55	97 49 17	100.00	301.0
Hondo	KRBH	253A	29 15 11	99 07 29	3.00	83.0
Johnson City	KFANFM	300B	30 11 49	98 38 19	37.00	170.0
Kenedy	KTNR	221B	28 45 35	97 51 45	3.00	67.0
Kermit	KERBFM	292A	31 50 05	103 08 10	3.00	84.0
Kerrville	KITE	222B	30 07 04	99 11 40	3.00	91.0
Kerrville	KRVL	232B	30 15 45	99 07 59	33.00	122.0
Killeen	KBTSFM	227C	30 43 34	97 59 23	100.00	594.0
Kingsville	KTAI	216A	27 31 24	97 52 42	.10	30.0
Kingsville	KNGV	224B	27 32 07	97 53 06	3.00	64.0
Kingsville	KWVS	248C	27 44 28	97 36 08	100.00	291.0
Lamesa	KLSC	262C	33 08 15	101 54 48	100.00	279.0
Lamesa	KIOLFM	284C	32 23 47	101 57 24	100.00	244.0
Lampasas	KLTD	255C	30 43 34	97 59 23	18.50	553.0
Laredo	KHOY	201A	27 31 14	99 31 19	1.80	106.0
Laredo	KBNL	210C	27 35 21	99 16 45	100.00	175.0
Laredo	KJBZ	224A	27 31 04	99 31 20	3.00	88.0
Laredo	KOYE	235C	27 31 14	99 31 19	100.00	247.0
Laredo	KRRG	251C	27 31 14	99 31 19	100.00	213.0
Laredo	KZTQ	291A	27 33 12	99 24 17	3.00	65.0
Llano	KLKM	284B	30 41 12	98 34 15	11.00	140.0
Lometa	NEW	270A	31 13 14	98 21 15	6.00	100.0
Los Ybanez	KYMI	300B	32 43 22	102 01 50	50.00	140.0
Luling	KFGI	234C	30 02 42	97 52 50	100.00	383.0
Lytle	KXPZ	217A	29 14 39	98 44 27	2.45	92.0
Mason	KOAX	250B	30 37 25	99 25 41	50.00	150.0

TEXAS (continued)

<u>LOCATION</u>	<u>CALL SIGN</u>	<u>CHANNEL</u>	<u>GEOGRAPHIC COORDINATES</u>		<u>POWER</u>	<u>HAAT</u>
			<u>(LAT)</u>	<u>(LON)</u>		
Mcallen	KHID	201B	26 21 44	98 19 26	2.10	77.0
Mcallen	KVMV	245C	26 04 53	97 49 44	100.00	350.0
Mcallen	KQXX	253C	26 05 59	97 50 16	100.00	366.0
Mercedes	KTJN	292A	26 08 28	97 50 04	.53	193.0
Merkel	KFQXFM	274C	32 24 48	100 06 25	66.00	350.0
Midland	KWHU	211A	31 59 48	102 04 41	3.00	81.0
Midland	KNFM	222C	32 05 51	102 17 21	100.00	300.0
Midland	KBAT	227C	31 57 30	102 03 59	100.00	134.0
Midland	KQRX	236B	31 59 49	102 04 43	2.50	98.0
Midland	KCRSFM	277C	32 05 11	102 17 11	100.00	280.0
Midland	KCHX	294C	31 54 53	101 57 49	100.00	207.0
Mirando City	KZZQ	263B	27 21 13	99 13 50	42.00	163.0
Mission	KVTY	288A	26 13 50	98 20 18	3.00	87.0
Monahans	KGEE	260C	31 45 40	102 31 28	100.00	175.0
Monahans	KCDQ	271C	31 57 55	102 46 10	100.00	298.0
New Braunfels	KTSW	210B	29 39 20	98 07 59	7.00	91.0
New Braunfels	KNBT	221A	29 43 50	98 07 15	3.00	91.0
Odem	KKHQ	252B	27 53 31	97 30 11	3.00	91.0
Odessa	KENTFM	213B	31 53 50	102 33 57	6.50	138.0
Odessa	KOCV	217C	31 51 30	102 23 00	5.00	78.0
Odessa	KMRK	241B	31 46 12	102 32 26	50.00	150.0
Odessa	KQIP	245C	32 05 13	102 17 12	100.00	128.0
Odessa	KODM	250C	31 39 34	102 17 38	100.00	300.0
Odessa	KKKK	256C	31 41 02	102 07 08	100.00	302.0
Odessa	NEW	299B	31 36 40	102 22 59	49.00	153.0
Ozona	KYXX	232B	30 42 39	101 07 34	3.00	91.0
Pearsall	KVWGFM	237A	28 53 13	99 06 40	3.00	62.0
Pearsall	KQXD	281A	28 53 23	99 06 31	3.00	91.0
Pecos	KPTX	252B	31 26 09	103 30 14	3.00	35.0
Pleasanton	KBOPFM	252A	29 00 01	98 31 49	3.00	91.0
Port Isabel	KVPA	266A	26 03 43	97 12 55	3.00	91.0
Port Lavaca	KPLV	227C	28 32 10	96 43 20	100.00	201.0
Portland	KCGR	288A	27 47 48	97 23 51	1.90	108.0
Premont	KMFM	285A	27 22 19	98 11 21	3.00	91.0
Raymondville	KSOXFM	271B	26 38 09	97 50 10	18.00	231.0
Raymondville	KARU	289A	26 26 49	97 42 02	1.35	128.0
Refugio	KZTXFM	291C	28 08 15	97 12 45	25.00	100.0
Rio Grande City	KCTMFM	276A	26 25 47	98 49 25	1.40	128.0
Robstown	KLUX	208C	27 44 28	97 36 08	60.00	291.0
Robstown	KSAB	260C	27 44 28	97 36 08	100.00	291.0
Robstown	KMIQ	286A	27 40 39	97 38 20	3.00	91.0
Rockport	KPCB	272B	28 00 03	97 04 34	2.50	99.0
Rollingwood	KBUK	285B	30 03 58	97 40 03	50.00	150.0
Roma	KBMI	249A	26 24 22	99 00 37	3.00	91.0
Round Rock	NEW	290B	30 22 55	97 56 17	50.00	150.0

TEXAS (continued)

<u>LOCATION</u>	<u>CALL SIGN</u>	<u>CHANNEL</u>	<u>GEOGRAPHIC COORDINATES</u>		<u>POWER</u>	<u>HAAT</u>
			<u>(LAT)</u>	<u>(LON)</u>	<u>(kW)</u>	<u>(m)</u>
San Angelo	KBILFM	225C	31 26 08	100 34 08	100.00	183.0
San Angelo	KCRNFM	230C	31 42 11	100 19 20	100.00	198.0
San Angelo	KIXYFM	234C	31 29 14	100 26 57	100.00	109.0
San Angelo	KGKLFM	248C	31 29 46	100 24 50	100.00	125.0
San Angelo	KELI	254C	31 22 01	100 02 48	100.00	393.0
San Angelo	NEW	261B	31 29 41	100 28 36	6.00	100.0
San Angelo	KCLK	270C	31 35 21	100 31 00	100.00	246.0
San Angelo	KSJTFM	298C	31 26 19	100 34 18	100.00	184.0
San Antonio	KPAC	202C	29 31 25	98 43 25	100.00	200.0
San Antonio	KSTX	206C	29 31 25	98 43 25	100.00	200.0
San Antonio	KSYMFM	211A	29 26 50	98 29 55	3.00	39.0
San Antonio	KYFS	215B	29 31 05	98 34 10	3.00	91.0
San Antonio	KRTU	219A	29 27 51	98 28 56	3.00	37.0
San Antonio	KSRRFM	225C	29 11 03	98 30 49	100.00	310.0
San Antonio	KSAQ	241C	29 38 00	98 37 50	100.00	146.0
San Antonio	KAJA	247C	29 31 25	98 43 25	100.00	300.0
San Antonio	KISSEFM	258C	29 16 29	98 15 52	100.00	339.0
San Antonio	KCYY	262C	29 31 25	98 43 25	100.00	300.0
San Antonio	KQXT	270C	29 25 08	98 29 00	100.00	204.0
San Antonio	KTFM	274C	29 25 09	98 29 06	100.00	204.0
San Antonio	KZEPFM	283C	29 25 09	98 29 06	100.00	201.0
San Antonio	KXTN	298C	29 16 29	98 15 52	100.00	448.0
San Diego	KUKA	290B	27 45 34	98 10 50	3.00	90.0
San Marcos	KEYIFM	278C	30 02 42	97 52 50	100.00	383.0
San Saba	KFRJ	246B	31 05 21	98 44 40	1.60	120.0
Seguin	KSMG	287C	29 16 29	98 15 52	100.00	381.0
Seminole	KSEMFM	292B	32 41 58	102 38 12	3.00	53.0
Sinton	KNCN	267C	27 55 24	97 25 26	100.00	110.0
Sinton	KOUL	279C	28 02 05	97 26 10	100.00	287.0
Sonora	KHOSFM	221B	30 33 33	100 37 54	3.00	91.0
South Padre Island	KJIB	224A	26 03 51	97 13 02	3.00	91.0
South Padre Island	KZSP	237A	26 06 12	97 09 52	2.50	100.0
Stanton	NEW	290A	32 05 48	101 46 26	3.00	91.0
Sweetwater	KXOXFM	244B	32 29 16	100 23 31	2.90	47.0
Terrell Hills	KKYXFM	294C	29 11 03	98 30 49	100.00	310.0
Tye	KBCY	259C	32 24 39	100 06 26	100.00	227.0
Uvalde	KKXS	272A	29 11 46	99 46 48	3.00	75.0
Uvalde	KYUF	285A	29 11 16	99 46 36	3.00	81.0
Victoria	NEW	207B	28 49 20	96 58 20	18.50	92.0
Victoria	KAMV	222B	28 46 03	96 59 11	3.00	90.0
Victoria	KVIC	236C	28 46 55	96 56 30	100.00	136.0
Victoria	KTXNFM	254C	28 48 46	97 03 45	100.00	77.0
Victoria	KEPG	265B	28 47 20	97 03 00	2.90	93.0
Victoria	KIXS	300C	28 46 03	96 59 11	100.00	110.0
Winters	NEW	241B	32 03 10	99 56 26	3.00	100.0
Yoakum	KYOC	223A	29 21 03	97 11 32	3.00	91.0