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Regents Of The University Of New Mexico
Single Channel Allocations Table
Average Protected F(50-50)= 12.89 km
Standard Directional

REFERENCE
36 23 51.0 N.
105 32 34.0 W.

CH# 215A - 90.9 MHz, Pwr= 2.7 kW, HAAT= -200.0 M, COR= 2269 M

DISPLAY DATES
DATA 10-11-08
SEARCH 10-14-08

CH CITY	CALL	TYPE STATE	ANT STATE	AZI <--	DI ST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
215A KRRT Arroyo Seco		CP NM	D	0.0 0.0	0.00	36 23 51.0 105 32 34.0	6.000 -200	68.3 2269	15.8	-81.20*	-66.93*
215A KRRT Arroyo Seco		LIC NM	DCX	0.0 0.0	0.00 BLED20080328AAK	36 23 51.0 105 32 34.0	6.000 -200	68.3 2269	15.8	-81.20*	-66.93* Regents Of The University
216A NEW Red River		CP NM	_CX	19.8 199.9	36.44 BNPED20071018AHM	36 42 21.0 105 24 16.0	0.100 -384	8.0 2682	5.6	15.56	11.84 Top 0 Texas Educational Br
214C KSFO Santa Fe		APP NM	_CY	212.1 31.6	154.96 BPED20070718AAF	35 12 50.0 106 27 01.0	19.800 1261	131.8 3281	90.7	12.20	48.87 Educational Media Foundati
214A KSFO Santa Fe		LIC NM	_CN	206.8 26.6	89.55 BLED19901105KB	35 40 41.0 105 59 26.0	3.000 36	19.5 2142	13.2	58.42	59.69 Educational Media Foundati
215A KASF Alamosa		LIC CO	_C_	346.1 165.9	123.13 BLED20010419AAA	37 28 20.0 105 52 39.0	1.100 27	36.8 2316	10.4	73.42	61.56 Adams State College
214A KTDL Tri nidad		LIC CO	_CX	54.9 235.6	116.04 BLED20071115AAB	36 59 33.0 104 28 24.0	0.450 296	41.2 2610	27.2	61.97	69.87 Educational Communi cations
218C KFLQ Albuquerque		LIC NM	_CX	212.2 31.6	154.94 BLED20040419ABM	35 12 51.0 106 27 02.0	20.000 1232	8.9 3252	90.3	135.07	62.99 Family Life Broadcasting S
216A KEDP Las Vegas		LIC NM	_HX	161.9 342.1	93.89 BLED20070118AAF	35 35 39.0 105 13 15.0	1.320 -61	15.3 1983	10.9	65.74	64.06 Board Of Regents Of New Me
212C2 1211345 Romeroville		APP NM	_CX	161.9 342.1	93.89 BNPED20071019AAC	35 35 39.0 105 13 15.0	50.000 -41	2.7 2014	26.5	78.32	65.77 New Mexico Highl ands Unive
06Z2 616943 Des Moines		AP NM	_HN	74.3 255.3	154.78 BPRM20011009AEH	36 45 48.0 103 52 12.0	0.000	5.7 0	0.0	179.5R	149.0M Sierra Grande Broadcasting

Terrain database is FCC NGDC 30 Sec , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
Contour distances are on direct line to and from reference station. Reference zone = 2, Co to 3rd adjacent.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
"*"affixed to 'IN' or 'OUT' values = site inside protected contour.

HOW TO READ THE FM COMPUTER PRINT-OUT

Full Service Stations

The computer printout should be self-explanatory for the most part. The parameters of the station being checked, (reference station) are printed in the heading. Contour distances are in kilometers and are predicted using the Commission's TVFMINT FORTRAN subroutine. When interference contour distances are less than 16 kilometers the F(50-50) tables are used. If signal contour distances are less than 1.6 km the free-space equation is used.

The column listed "IN " is the difference in kilometers between of the reference station's protected contour and the data file station's interference contour at the closest point between the contours. (All distances are derived by the method detailed in Sec. 73.208 of the Rules and Regulations as amended in Docket 80-90.) Therefore, "IN" column is a measure of incoming interference. Negative distances in this column indicate the presence of contour overlap. Listed antenna heights and power are those given in the FCC database. The column labeled "OUT " shows the greatest distance in kilometers of overlap or smallest of clearance between the reference station's interference contour and the database station's protected contour. Negative distance figures in this column indicate outgoing contour overlap.

Under the "AZI" column, the first row of numbers indicate the True North bearings from the reference station toward the database stations, while the numbers in the second row indicate the reverse bearings from the database stations to the reference station.

The columns labeled "INT" and "PRO" contain the distance in kilometers of the appropriate interference contour and the protected contour of a data base station.

For I.F. relationships, some channel-six TV relationships and relationships with commercial channel stations providing clearance the minimum spacings values the "IN" and "OUT" columns can change their significance. The letter "R" stands for the minimum **required** distance in kilometers, while the letter "M" in the next column follows the **available clear space** (or lack of it) in kilometers. Minimum separation distances when displayed are taken from Sec 73.207 of the rules as amended. Canadian and Mexican separation distances, U/D ratios and protected contour values are from the US/Mexican Working Agreement and the US/Canada Working Agreement".

The call letters of stations meeting the minimum separation distances under the rules will be flagged by the characters "<<" appended to the right-hand side of the call sign. The "^" character appended to the call sign means the station has been "max-classed" according to the provisions of section 73.525 of the Rules.

The first three letters of the "TYPE" column identify the current FCC status of the stations. The fourth letter will be a "D" if the facility is directional. "Z" indicates a 73.215 directional. An "N" indicates it is a 73.215 station that operates with an omni-directional antenna. The fifth letter will be an E, H or V depending on the type of antenna polarization. The sixth letter will be a "Y" if the antenna uses beam tilt or an "X" if the commission is not sure, otherwise it will be an "N" or left blank.