

## Channel Study

REFERENCE		CH# 215A - 90.9 MHz, Pwr= 2.4 kW, HAAT= 121.0 M, COR= 1215 M						DISPLAY DATES		
32 42 48.0 N.		Average Protected F(50-50)= 25.1 km						DATA 07-18-09		
103 05 27.0 W.		Omni-directional						SEARCH 07-20-09		
CH CITY	CALL	TYPE ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
215C3 Hobbs	KLIT	CP VX NM	270.0 90.0	0.0 BMPED20081209AEH	32 42 48.0 103 05 28.0	11.800 122	104.2 1216	38.4 Educational Media Foundati	-127.6*	-111.6*
215C Carlsbad	VA0132	VAC N NM	253.3 72.7	111.8	32 25 09.0 104 13 47.0	100.000 600	199.3 1583	92.7	-111.5*<	-55.2<
06-2C Carlsbad	KOCT	LI HN NM	275.2 94.6	105.0 BLCT2553	32 47 39.0 104 12 27.0	100.000 365	10.3 1437	107.0 Koat Hearst-argyle Televis	179.5R	-12.3M
06-2C Carlsbad	KOCT	CP HN NM	275.2 94.6	105.1 BPCT20060630ABM	32 47 38.0 104 12 29.0	100.000 365	10.3 1437	107.0 Koat Hearst-argyle Televis	179.5R	-12.2M
217C1 Lovington	KYCV	CP CX NM	299.4 119.0	78.1 BPED19990317MB	33 03 20.0 103 49 12.0	6.000 496	4.7 1779	55.0 Your Christian Companion N	50.8	21.0
269C3 Lovington	KLEA-FM	LIC C NM	319.9 139.8	33.2 BLH19961018KE	32 56 30.0 103 19 12.0	25.000 88	0.0 1270	0.0 Lea County Broadcasting Co	11.5R	21.7M
215A Midland	KVDG	LIC NCX TX	132.6 313.2	131.4 BLED20061128ACB	31 54 32.0 102 04 01.0	1.500 131	68.0 974	21.8 La Promesa Foundation	36.4	29.7
215C3 Lubbock	KKLU	LIC CX TX	51.7 232.4	149.9 BLED20021126ACY	33 32 30.0 101 49 16.0	13.500 72	91.9 1041	25.6 Educational Media Foundati	32.7	47.8
212A Plains	KPHS	LIC HN TX	25.3 205.5	58.3 BLED19810811AP	33 11 16.0 102 49 20.0	0.220 41	1.0 1158	7.5 Plains Independent School	32.8	48.6
218A Andrews	1215140	APP CX TX	128.6 308.9	64.1 BNPED20071022BJJ	32 21 09.0 102 33 28.0	0.250 34	1.1 997	7.1 Grow Biz, Inc.	36.1	54.6
218A Andrews	1212550	APP CX TX	131.7 312.0	68.0 BNPED20071019BDV	32 18 19.1 102 33 02.5	1.500 38	1.6 970	11.2 Templo Piedra Angular	39.4	54.4
213C1 Odessa	KLVW	LIC CX TX	132.1 312.5	101.7 BLED20090608ACR	32 05 51.0 102 17 21.0	86.000 187	7.3 1082	59.4 Educational Media Foundati	67.5	39.9
214A Brownfield	KMLU	LIC CX TX	55.3 235.8	90.8 BLED20080213AHG	33 10 30.0 102 17 20.0	0.130 84	13.4 1091	9.6 Educational Media Foundati	52.0	42.8
218A Andrews	1211159	APP CX TX	135.5 315.8	71.6 BNPED20071022ACL	32 15 10.0 102 33 22.9	0.500 62	1.6 1023	11.0 New Wine Church Of San Ant	43.1	58.2
215A Roswell	1210513	APP VX NM	299.1 118.4	148.6 BNPED20071018BBO	33 21 18.0 104 29 13.0	5.000 31	75.8 1125	21.5 Available Media, Inc.	50.2	55.2
213C Roswell	880303MR	VAC N NM	300.0 119.2	153.8	33 23 47.0 104 31 26.0	100.000 600	14.1 1705	93.2	117.0	58.5
218A Kermit	NEW	CP CX TX	179.3 359.3	94.4 BNPED20071019AII	31 51 43.0 103 04 41.0	1.000 42	1.6 917	10.2 La Promesa Foundation	66.7	81.9
216A Morton	NEW	CP CX TX	14.5 194.7	116.3 BMPED20080605ACD	33 43 40.6 102 46 29.2	1.100 46	18.2 1200	12.4 La Promesa Foundation	74.0	67.5
06+T Lubbock	KFMP-LP	AP N TX	51.2 231.9	145.4 BPTVL20090630AAY	33 31 33.0 101 52 07.0	3.000	13.5 1183	28.5 Venture Technologies Group	179.5R	103.4M
06+T Lubbock	KFMP-LP	LI D N TX	51.2 231.9	145.4 BLTVL20071207ABK	33 31 33.0 101 52 07.0	3.000 237	13.5 1183	25.9 Venture Technologies Group	179.5R	106.0M

KM

Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in  
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.  
"<" = Contour Overlap  
Reference station has protected zone issue: Mexico