

Interference Study

The proposed translator complies with all requirements of Section 74.1204 of the Commission's rules.

Page 2 of this Exhibit contains a Channel Study showing the relationship of the proposed translator to other co-channel, 1st, 2nd, & 3rd adjacent channel stations and to stations separated by 53/54 channels.

Page 3 of this Exhibit contains a tabulation of the 12 radials with the corresponding HAAT's and distance to the 60 dBu contour.

Page 4 of this Exhibit contains a coverage map of the proposed 60 dBu contour.

Interference Study

REFERENCE 31 08 03 N 97 54 22 W		CH# 300D - 107.9 MHz, Pwr= 0.09 kw, HAAT=0.0 M, COR= 402 M Average Protected F(50-50)= 5.49' km Ave. F(50-10) 40 dBu= 18.0 54 dBu= 7.8 80 dBu= 1.8 100 dBu= .7								
CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kw) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
297A Nolanville	KLFX	LIC NCN TX	99.5 279.5	29.75 BLH19941117KC	31 05 23 97 35 55	1.950 136	382 0.7	25.1 Sheldon Broadcasting, Ltd.	16.52	3.98
297A Nolanville	KLFX.A	APP NCN TX	98.1 278.1	31.35 BPH19980921IC	31 05 38 97 34 51	1.600 139	384 0.7	24.3 Sheldon Broadcasting, Ltd.	18.16	6.41
297A Nolanville	RDEL	DEL TX	98.1 278.1	31.35	31 05 38 97 34 51	6.000 -245	0 0.7	15.8	18.66	14.93
297A Goldthwaite	RADD	ADD TX	296.3 116.3	86.17	31 28 29 98 43 11	6.000 -424	0 0.7	15.8	77.24	69.75
297A Llano	RADD	ADD TX	236.3 56.3	81.12	30 43 40 98 36 43	6.000 -306	0 0.7	15.8	69.19	64.70
299A Richland Springs	RADD	ADD TX	271.9 91.9	107.61	31 09 42 99 02 03	6.000 -437	0 13.3	15.8	74.63	78.59
299D Buchanan Dam	AP299	APP C TX	229.5 49.5	68.06 BNPFT20030313BOP	30 44 08 98 26 52	0.050 8	331 14.2	4.7 Big Bend Broadcasting	51.21	49.14
299C3 Georgetown	KINV	LIC ZC TX	146.6 326.6	65.90 BLH20000419ACC	30 38 17 97 31 35	25.000 65	298 12.8	32.1 Simmons Lone Star Media, L	4.52	20.93
299A Hamilton	RADD	ADD TX	346.7 166.7	79.68	31 50 00 98 06 00	6.000 -320	0 14.5	15.8	45.89	49.47
299C3 Georgetown	KINV.A«	APP NCX TX	156.1 336.1	62.05 BPH20030415AAN	30 37 22 97 38 33	10.500 149	384 12.9	38.6 Simmons Lone Star Media, L	-4.72	10.61
299A Hamilton	ALLO	VAC TX	338.8 158.8	77.11 RM10004	31 46 54 98 12 08	6.000 -367	0 13.7	15.8	43.79	47.61
300D Killeen	AP300	APP C TX	0.0 180.0	0.00 BNPFT20030317ABK	31 08 03 97 54 22	0.090 121	402 36.3	11.0 American Educational Broad	-48.03*	-47.25*
300C3 Johnson City	KFANFM	APP CX TX	214.1 34.1	125.39 BPH20030415ABL	30 11 49 98 38 19	8.700 223	664 32.4	43.6 Fritz Broadcasting Co., In	6.27	49.45
300A Robinson	KDOS	LIC CX TX	59.1 239.1	81.68 BLH20020212AAO	31 30 33 97 10 03	6.000 65	252 42.3	23.3 Kici-fm License Corp.	-11.25	16.06
300D Greenshores	AP300	APP C TX	174.8 354.8	88.16 BNPFT20030317BUV	30 20 32 97 49 21	0.100 -71	207 38.4	5.6 Juan Alberto Ayala	58.26	44.12
300D Austin	AP300	APP C TX	170.6 350.6	97.05 BNPFT20030317GNU	30 16 14 97 44 26	0.250 -22	199 38.0	7.1 Katherine Pyeatt	62.11	51.98
300D Austin	AP300	APP C TX	175.7 355.7	101.26 BNPFT20030314BBC	30 13 24 97 49 39	0.250 91	317 38.1	12.3 Mary H. Lopez	47.70	50.87
300D Del Valle	AP300	APP DC TX	171.6 351.6	95.84 BNPFT20030317EEZ	30 16 44 97 45 37	0.099 14	230 38.2	5.6 Kevin J. Youngers	66.05	51.99
300D Manchaca	AP300	APP C TX	178.8 358.8	120.77 BNPFT20030313BFG	30 02 42 97 52 50	0.250 63	300 37.4	10.4 Faith Pleases God Church C	74.72	72.94
300C2 Johnson City	KFANFM«	LIC CN TX	214.1 34.1	125.39 BLH19911230KB	30 11 49 98 38 19	37.000 223	664 32.4	56.6 Fritz Broadcasting Co., In	-24.39	36.47
300D Bastrop	AP300	APP C TX	152.6 332.6	127.13 BNPFT20030314CGE	30 06 58 97 17 45	0.250 98	230 30.4	12.7 Big Bend Broadcasting	74.14	84.01
300D Lockhart	AP300	APP DC TX	171.2 351.2	138.27 BNPFT20030317AIC	29 54 06 97 41 07	0.000 99	261 38.1	0.0 Frank G. McCoy	127.04	100.16
300C1 Abilene	KEYJFM	LIC C TX	308.9 128.9	204.05 BLH20010731ABN	32 16 35 99 35 38	100.000 301	874 26.1	72.5 Ccb Texas Licenses, L.p.	24.09	105.43
300D Gun Barrel City	AP300	APP C TX	350.3 170.3	134.49 BNPFT20030317JOY	32 19 46 98 08 52	0.250 -227	169 35.2	7.1 E-string Wireless, Ltd	100.36	92.21

***Affixed to 'IN' or 'Out' values = site inside protected contour.
 ERP and HAAT are on direct line to and from reference station.
 "«" = Station meets FCC minimum distance spacing for its class.

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31 08 03
 97 54 22

ERP = .09 kW, -10.458 dBk	FM - 2-6 Tables				
Radial	HAAT	kW	dBk	Field	60 dBu.5
0 Degr.	113.4M	0.090	-10.458	1.000	10.7
30 Degr.	136.9M	0.090	-10.458	1.000	11.7
60 Degr.	159.9M	0.090	-10.458	1.000	12.7
90 Degr.	120.1M	0.090	-10.458	1.000	11.0
120 Degr.	100.2M	0.090	-10.458	1.000	10.1
150 Degr.	82.8M	0.090	-10.458	1.000	9.2
180 Degr.	121.0M	0.090	-10.458	1.000	11.0
210 Degr.	92.6M	0.090	-10.458	1.000	9.7
240 Degr.	112.0M	0.090	-10.458	1.000	10.6
270 Degr.	91.3M	0.090	-10.458	1.000	9.6
300 Degr.	53.8M	0.090	-10.458	1.000	7.3
330 Degr.	83.8M	0.090	-10.458	1.000	9.2

Ave. HAAT= 105.7M, Ant. COR= 402.0M AMSL					

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