

Tyler 259
Minor Change

REFERENCE CH# 261D - 100.1 MHz, Pwr= 0.25 kW, HAAT=107.9 M, COR= 240 M DISPLAY DATES
32 21 05 N Average Protected F(50-50)= 13.35 km DATA 07-26-03
95 18 06 W Ave. F(50-10) 40 dBu= 45.7 54 dBu= 20.1 80 dBu= 4.2 100 dBu= 1.1 SEARCH 07-28-03

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*
261D Gilmer	AP261	APP TX	C 37.9 218.0	50.04 BNPFT20030317ISO	32 42 22 94 58 21	0.250 79	201 31.6	11.5 Millennium Broadcasting Co	1.20	6.94
264C3 Overton	KPXI	LIC TX	ZCX 133.9 313.9	31.91 BLH20020529ABI	32 09 07 95 03 27	1.976 179	298 0.9	28.5 Inspiration Media Of Texas	18.04	2.54
259D Tyler	K259AQ	LIC TX	C 228.1 48.1	3.47 BLFT20020621AAP	32 19 50 95 19 45	0.105 75	217 1.1	9.1 North Texas Public Broadca	-9.87*<	-6.70*<
208C1 Tyler	KVNE	LIC TX	CY 19.9 199.9	22.16 BLED19950315KA	32 32 21 95 13 16	96.000 248	397 8.9	67.7 Educ. Radio Found. Of E. T	22.0R	0.2M
261C2 Lufkin	KUEZ«	LIC TX	C 154.1 334.1	116.31 BMLH20011009ABF	31 24 28 94 45 53	25.000 229	296 37.1	53.4 Kasa Family Limited Partne	-26.57<	25.79
259A Cuney	RADD	ADD TX	189.3 9.3	41.61	31 58 52 95 22 24	6.000 -138	0 1.1	15.8	27.41	24.76
260A Mi neola	KMOOFM«	LIC TX	C 332.0 152.0	50.31 BLH19990513KE	32 45 04 95 33 18	6.000 91	214 14.1	27.1 Hightower Radi o, Inc.	-1.57<	9.19
262A Tatum	KXALFM	LIC TX	C 87.4 267.4	68.77 BLH19990816KC	32 22 37 94 34 18	2.450 158	251 14.1	28.3 Hunt Broadcasting, Inc.	15.92	26.37
259D Jacksonville	AP259	APP TX	C 172.1 352.1	46.80 BNPFT20030317JLW	31 56 00 95 14 00	0.200 64	200 1.1	9.9 E-string Wire less, Ltd	34.02	35.85
263A Winnboro	RADD	ADD TX	7.6 187.6	66.36	32 56 40 95 12 27	6.000 -167	0 0.6	15.8	55.94	50.00
261L1 Palestine	KETN-L	CP TX	204.8 24.8	70.74 BNPL20010615AAW	31 46 21 95 36 59	0.100 29	153 39.8	5.6 St. Luke Educational Assoc	40.55	25.32
261C2 Atlanta	KNRB	LIC TX	CN 48.1 228.1	151.55 BLH19951010KJ	33 15 18 94 05 16	50.000 132	225 33.5	49.7 Family Worship Center Chur	6.34	68.33
263D Gilmer	AP263	APP TX	C 40.6 220.6	55.11 BNPFT20030317JJV	32 43 38 94 55 04	0.250 86	206 0.6	12.0 E-string Wire less, Ltd	44.43	42.56
262C Dallas	KRBV. A	APP TX	NCY 278.3 98.3	157.28 BPH20030519ABA	32 32 36 96 57 32	100.000 485	678 18.2	85.8 Infinity Broadcasting Corp	17.11	53.27
262C Dallas	KRBV. C	CP TX	CY 279.9 99.9	158.29 BPH20000630AAJ	32 35 05 96 57 46	100.000 523	733 18.3	88.1 Infinity Broadcasting Cor	14.29	51.94
262C Dallas	KRBV. C	CP TX	CX 279.9 99.9	158.29 BMPH20010404AAP	32 35 05 96 57 46	100.000 536	746 18.3	88.9 Infinity Broadcasting Cor	13.17	51.17
262C Dallas	KRBV	LIC TX	CN 279.9 99.9	158.29 BLH19970918KD	32 35 05 96 57 46	100.000 419	629 18.3	81.2 Infinity Broadcasting Cor	25.47	58.87
258D Rusk	AP258	APP TX	C 163.9 343.9	63.07 BNPFT20030311ARC	31 48 18 95 06 58	0.115 138	247 1.1	12.5 Starboard Media Foundation	50.99	49.56

***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. "<" = Contour Overlap

HOW TO READ THE FM COMPUTER PRINT-OUT

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. The 60 dBu protected contour is predicted from the Commission's F(50-50) table, while the 40, 54, 80 and 100 dBu contours are interference contours derived from the Commission's F(50-10) table. Contour distances are in kilometers and are predicted using spline interpolation from data points identical to those published in Report No. RS 76-01 by Gary C. Kalagian. Critical contour distances are determined 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 sum of the reference station's 60 dBu protected contour and the data file station's interference contour subtracted from the distance between the stations. (All distances are derived by the method detailed in Sec. 73.208 of the Rules and Regulations as amended in Docket 80-90.) Therefore, the column is a measure of incoming interference. Negative distances in this column indicate the presence of interference. Listed antenna heights are the average heights of eight standard radials as found in the Commission's records unless otherwise noted, in which case the specific antenna heights and the DA power, if applicable, along the straight line azimuths between the reference station and the database station are used and visa versa. The column labeled "*** OUT ***" shows the distance in kilometers of overlap or clearance between the reference station's interference contour and the database station's protected contour. Negative distance figures in this column indicate outgoing overlap interference.

Under the "AZIMUTH" column, the first row of numbers indicate the bearings from True North of the data base stations in relationship with the reference station, while the numbers in the second row indicate the reverse bearings from the database station to the reference station.

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

For I.F. relationships the "IN" and "OUT" columns 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** separation 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 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 omni. 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".

K259AQ v. AP261
Minor Change

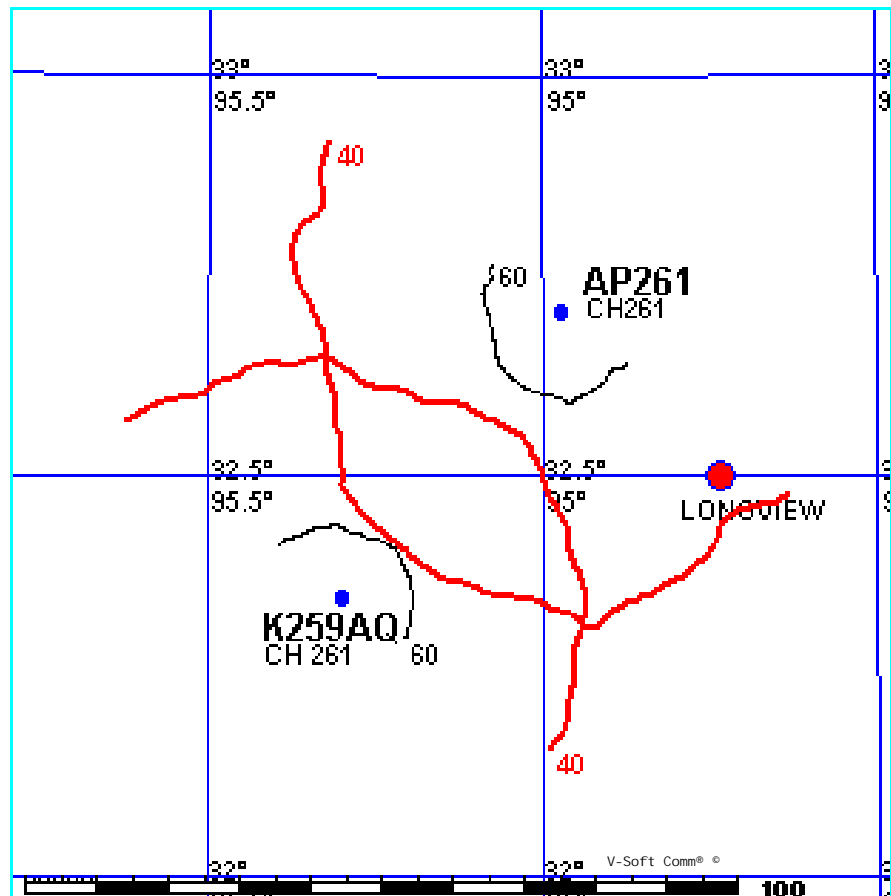
FMCONT Allocation Study

07-30-2003

K259AQ CH 261 D
.25 kW 240M COR DA
Prot. = 60 dBu
Intef. = 40 dBu

AP261 CH 261 D
.25kW, 201 M COR
Prot. = 60 dBu
Intef. = 40 dBu
File # BNPFT200303171 S0

1:1,125,000



Doug Vernier Telecommunications Consultants
07-30-2003 30 Sec. Terrain Data

AP261 BNPFT20030317ISO
Channel = 261D
Max ERP = 0.25 kW
RCAMSL = 201 M
N. Lat = 32 42 22
W. Lng = 94 58 21

K259AQ
Channel = 261D
Max ERP = 0.25 kW
RCAMSL = 240 M
N. Lat = 322105
W. Lng = 951806

Protected
60 dBu

Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
188.0	000.2500	0082.2	011.7	046.4	000.0715	0106.4	040.4	36.7
189.0	000.2500	0082.2	011.7	046.1	000.0715	0106.4	040.2	36.7
190.0	000.2500	0082.1	011.7	045.9	000.0715	0106.4	040.1	36.8
191.0	000.2500	0082.4	011.7	045.7	000.0715	0106.4	040.0	36.8
192.0	000.2500	0082.7	011.8	045.5	000.0715	0105.5	039.8	36.8
193.0	000.2500	0083.0	011.8	045.2	000.0715	0105.5	039.7	36.9
194.0	000.2500	0083.0	011.8	045.0	000.0715	0105.5	039.6	36.9
195.0	000.2500	0082.7	011.8	044.7	000.0715	0105.5	039.5	37.0
196.0	000.2500	0082.4	011.7	044.4	000.0715	0104.9	039.4	36.9
197.0	000.2500	0082.0	011.7	044.1	000.0715	0104.9	039.4	37.0
198.0	000.2500	0081.6	011.7	043.9	000.0715	0104.9	039.3	37.0
199.0	000.2500	0081.5	011.7	043.6	000.0715	0104.9	039.2	37.0
200.0	000.2500	0081.8	011.7	043.3	000.0715	0104.1	039.1	37.0
201.0	000.2500	0082.4	011.7	043.1	000.0715	0104.1	039.0	37.1
202.0	000.2500	0083.1	011.8	042.8	000.0714	0104.1	038.9	37.1
203.0	000.2500	0083.6	011.8	042.6	000.0714	0104.1	038.8	37.2
204.0	000.2500	0083.7	011.8	042.3	000.0714	0103.0	038.7	37.1
205.0	000.2500	0083.4	011.8	042.0	000.0714	0103.0	038.7	37.1
206.0	000.2500	0082.8	011.8	041.7	000.0714	0103.0	038.6	37.1
207.0	000.2500	0082.3	011.7	041.4	000.0714	0101.6	038.6	37.0
208.0	000.2500	0082.1	011.7	041.1	000.0714	0101.6	038.6	37.0
209.0	000.2500	0082.0	011.7	040.8	000.0714	0101.6	038.5	37.1
210.0	000.2500	0081.7	011.7	040.5	000.0714	0100.2	038.5	36.9
211.0	000.2500	0081.1	011.6	040.1	000.0714	0100.2	038.5	36.9
212.0	000.2500	0080.6	011.6	039.8	000.0714	0100.2	038.5	36.9
213.0	000.2500	0080.3	011.6	039.5	000.0714	0100.2	038.5	36.9
214.0	000.2500	0080.2	011.6	039.2	000.0713	0099.1	038.5	36.9
215.0	000.2500	0080.2	011.6	038.9	000.0713	0099.1	038.5	36.9
216.0	000.2500	0079.9	011.6	038.6	000.0713	0099.1	038.5	36.9
217.0	000.2500	0079.5	011.5	038.3	000.0713	0098.8	038.5	36.8
218.0	000.2500	0079.1	011.5	038.0	000.0713	0098.8	038.5	36.8
219.0	000.2500	0078.9	011.5	037.7	000.0713	0098.8	038.6	36.8
220.0	000.2500	0079.2	011.5	037.4	000.0713	0099.0	038.5	36.8
221.0	000.2500	0079.7	011.6	037.1	000.0713	0099.0	038.5	36.8
222.0	000.2500	0079.9	011.6	036.8	000.0713	0099.0	038.5	36.8

K259AQ
Channel = 261D
Max ERP = 0.25 kW
RCAMSL = 240 M
N. Lat = 322105
W. Lng = 951806

AP261 BNPFT20030317ISO
Channel = 261D
Max ERP = 0.25 kW
RCAMSL = 201 M
N. Lat = 32 42 22
W. Lng = 94 58 21

Protected
60 dBu

Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
025.0	000.0718	0086.9	008.9	220.9	000.2500	0079.7	041.5	39.2
026.0	000.0717	0088.2	008.9	220.7	000.2500	0079.7	041.4	39.3
027.0	000.0716	0089.8	009.0	220.5	000.2500	0079.7	041.2	39.3
028.0	000.0715	0091.7	009.1	220.3	000.2500	0079.2	041.1	39.3
029.0	000.0715	0093.6	009.2	220.1	000.2500	0079.2	041.0	39.4
030.0	000.0715	0095.1	009.3	219.9	000.2500	0079.2	040.9	39.4
031.0	000.0714	0096.2	009.3	219.7	000.2500	0079.2	040.8	39.5
032.0	000.0714	0097.2	009.4	219.5	000.2500	0079.2	040.7	39.5
033.0	000.0714	0098.2	009.4	219.3	000.2500	0078.9	040.7	39.5
034.0	000.0714	0098.8	009.4	219.1	000.2500	0078.9	040.6	39.5
035.0	000.0713	0099.2	009.5	218.8	000.2500	0078.9	040.6	39.5
036.0	000.0713	0099.3	009.5	218.6	000.2500	0078.9	040.6	39.5
037.0	000.0713	0099.0	009.4	218.4	000.2500	0079.1	040.6	39.5
038.0	000.0713	0098.8	009.4	218.1	000.2500	0079.1	040.6	39.5
039.0	000.0713	0099.1	009.5	217.9	000.2500	0079.1	040.6	39.5
040.0	000.0714	0100.2	009.5	217.7	000.2500	0079.1	040.5	39.5
041.0	000.0714	0101.6	009.6	217.4	000.2500	0079.5	040.5	39.6
042.0	000.0714	0103.0	009.6	217.2	000.2500	0079.5	040.4	39.6
043.0	000.0714	0104.1	009.7	216.9	000.2500	0079.5	040.4	39.7
044.0	000.0715	0104.9	009.7	216.7	000.2500	0079.5	040.4	39.7
045.0	000.0715	0105.5	009.8	216.5	000.2500	0079.9	040.4	39.7
046.0	000.0715	0106.4	009.8	216.2	000.2500	0079.9	040.3	39.7
047.0	000.0716	0107.6	009.9	215.9	000.2500	0079.9	040.3	39.7
048.0	000.0717	0109.0	009.9	215.7	000.2500	0079.9	040.3	39.7
049.0	000.0718	0110.0	010.0	215.4	000.2500	0080.2	040.3	39.8
050.0	000.0720	0110.2	010.0	215.2	000.2500	0080.2	040.3	39.7
051.0	000.0721	0109.8	010.0	215.0	000.2500	0080.2	040.4	39.7
052.0	000.0722	0109.0	009.9	214.7	000.2500	0080.2	040.5	39.7
053.0	000.0724	0108.2	009.9	214.5	000.2500	0080.2	040.5	39.7
054.0	000.0725	0107.6	009.9	214.3	000.2500	0080.2	040.6	39.6
055.0	000.0726	0107.2	009.9	214.1	000.2500	0080.2	040.7	39.6
056.0	000.0728	0106.8	009.9	213.9	000.2500	0080.2	040.8	39.6
057.0	000.0729	0106.5	009.8	213.6	000.2500	0080.2	040.8	39.5
058.0	000.0731	0105.9	009.8	213.4	000.2500	0080.3	040.9	39.5
059.0	000.0734	0105.1	009.8	213.2	000.2500	0080.3	041.0	39.5

K259AQ v. KPXI
Minor Change

FMCONT Allocation Study

07-30-2003

K259AQ CH 261 D
.25 kW 240M COR DA
Prot. = 60 dBu
Intef. = 100 dBu

KPXI CH 264 C3
8.1kW, 298 M COR DA
Prot. = 60 dBu
Intef. = 100 dBu
File # BLH20020529ABI

1: 750,000

