

**Channel Study**

| REFERENCE            |           | CH# 247D - 97.3 MHz, Pwr= 0.14 kW, HAAT= 99.8 M, COR= 881 M |     |             |                 |              |                    |                   |                            | DISPLAY DATES           |       |
|----------------------|-----------|---|-----|-------------|-----------------|--------------|--------------------|-------------------|----------------------------|-------------------------|-------|
| 32 13 17.8 N.        |           | Average Protected F(50-50)= 11.2 km                         |     |             |                 |              |                    |                   |                            | DATA 05-02-16           |       |
| 101 27 33.4 W.       |           | Omni-directional  |     |             |                 |              |                    |                   |                            | SEARCH 05-03-16         |       |
| CH<br>CITY           | CALL      | TYPE<br>STATE   | ANT | AZI.<br><-- | DIST<br>FILE #  | LAT.<br>LNG. | Pwr(kW)<br>HAAT(M) | INT(km)<br>COR(M) | PRO(km)<br>LICENSEE        | *IN*<br>(Overlap in km) | *OUT* |
| 247D<br>Sand Springs | K247AZ!   | LIC<br>TX   | C   | 119.8       | 0.73            | 32 13 06.0   | 0.140              | 38.3              | 11.2                       | -47.8                   | -45.1 |
|                      |           |   |     | 299.8       | BLFT20070208AAP | 101 27 09.0  | 94                 | 872               | Educational Media Foundati |                         |       |
| 247C2<br>New Deal    | KTTU-FM   | LIC<br>TX   | ZC  | 345.0       | 147.18          | 33 30 08.0   | 32.000             | 133.1             | 52.6                       | 3.3                     | 58.1  |
|                      |           |   |     | 164.7       | BLH20080325AHU  | 101 52 20.0  | 187                | 1168              | Ramar Communications, Inc. |                         |       |
| 245C1<br>Odessa      | KMCM      | LIC<br>TX   | CX  | 259.2       | 79.47           | 32 05 08.0   | 100.000            | 7.3               | 59.5                       | 60.5                    | 19.2  |
|                      |           |   |     | 78.8        | BLH20060613ACA  | 102 17 11.0  | 138                | 1025              | Brazos Communications West |                         |       |
| 250C1<br>Odessa      | KODM      | LIC<br>TX   | CX  | 235.2       | 82.84           | 31 47 39.0   | 100.000            | 6.4               | 54.3                       | 65.1                    | 27.7  |
|                      |           |   |     | 54.8        | BMLH20050324ADQ | 102 10 42.0  | 110                | 975               | Townsquare Media Odessa#8  |                         |       |
| 248C1<br>San Angelo  | KGKL-FM   | LIC<br>TX   | CN  | 129.0       | 127.51          | 31 29 46.0   | 100.000            | 81.0              | 51.6                       | 37.2                    | 62.8  |
|                      |           |   |     | 309.5       | BLH19851101KD   | 100 24 50.0  | 125                | 705               | Townsquare Media San Angel |                         |       |
| 248D<br>Midland      | K248AR    | LIC<br>TX   | DC  | 234.5       | 58.53           | 31 54 53.0   | 0.250              | 4.7               | 3.1                        | 42.5                    | 38.9  |
|                      |           |   |     | 54.2        | BLFT20140430AAF | 101 57 49.0  | 145                | 970               | Ica Radio Ltd              |                         |       |
| 300C1<br>Odessa      | KQLM      | LIC<br>TX   | CN  | 260.2       | 79.48           | 32 05 51.0   | 100.000            | 39.5              | 26.0                       | 21.5R                   | 58.0M |
|                      |           |   |     | 79.8        | BLH19960321KB   | 102 17 21.0  | 258                | 1147              | Stellar Media, Inc.        |                         |       |
| 246A<br>Big Lake     | AU9159230 | VAC<br>TX   |     | 174.7       | 114.59          | 31 11 33.0   | 6.000              | 47.7              | 31.1                       | 58.7                    | 71.8  |
|                      |           |   |     | 354.8       | RM10469         | 101 20 53.0  | 100                | 911               | Robert Fabian              |                         |       |
| 249A<br>O'donnell    | NEW       | CP<br>TX  | CX  | 337.6       | 90.93           | 32 58 43.0   | 4.000              | 2.8               | 29.8                       | 77.4                    | 60.3  |
|                      |           |   |     | 157.4       | BNPH20151013AIH | 101 49 54.0  | 122                | 1038              | Torres Media Group, Llc    |                         |       |

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Terrain database is GLOBE 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= West Zone, Co to 3rd adjacent.  
All separation margins (if shown) include rounding. Call signs with exclamation marks need not be protected.  
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, \_= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)  
< = Station meets FCC minimum distance spacing for its class.  
< = Contour Overlap  
Reference station has protected zone issue: Mexico