

Allocation Study
New FM Translator
Channel 257D – 99.3 MHz
0.250 kW ERP – 528 m COR AMSL
Weston, West Virginia
November 2017

REFERENCE CH# 257D - 99.3 MHz, Pwr= 0.25 kW, HAAT= 164.4 M, COR= 528 M DISPLAY DATES
39 04 14.0 N. Average Protected F(50-50)= 16.8 km DATA 11-06-17
80 31 12.0 W. Omni-directional SEARCH 11-06-17

| 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* |
|--------------------------|----------|------|--------------|----------------|---------------------------|--------------------------|--------------------|-------------------|------------------------------------|-------------------------|-------|
| 257D Weston | 1760786! | APP | C WV | 302.8 122.8 | 0.05 BNPFT20170726AFC | 39 04 15.0 80 31 14.0 | 0.250 | 54.7 509 | 17.2 Della Jane Woofert | -72.5 | -73.4 |
| 255B1 Elkins | WDNE-FM | LIC | CN WV | 105.5 286.0 | 65.69 BLH19980401KE | 38 54 36.0 79 47 18.0 | 5.100 221 | 4.1 1015 | 55.4 West Virginia Radio Corpor | 44.6 | 7.6 |
| 257A Uniontown | WPKL | LIC | CX PA | 35.0 215.4 | 110.93 BMLH20050920ADL | 39 53 09.0 79 46 29.0 | 3.000 90 | 83.1 479 | 28.2 Fm Radio Licenses, Lic | 9.9 | 25.6 |
| 258A New Martinsville | WYMJ | LIC | CX WV | 332.6 152.3 | 73.01 BLH20020725AAE | 39 39 10.0 80 54 47.0 | 2.700 147 | 44.9 452 | 28.7 Dailey Corporation | 12.0 | 18.8 |
| 256L1 Ida May | WBWG-LP | LIC | WV | 25.0 205.2 | 52.68 BLL20170109AAT | 39 29 59.0 80 15 37.0 | 0.076 35 | 395 | God's Word Broadcasting, I | 24.0 | 19.1 |
| 256B1 Parkersburg | WGGE | LIC | CN WV | 284.2 103.5 | 100.91 BLH19901023KE | 39 17 15.0 81 39 25.0 | 11.500 148 | 61.3 373 | 47.1 Burbach Of De, Lic | 22.0 | 22.6 |
| 254B Wheeling | WOVK | LIC | DCN WV | 349.2 169.1 | 114.58 BLH7660 | 40 04 58.0 80 46 18.0 | 50.000 119 | 8.2 576 | 77.7 Capstar Tx, Lic | 90.0 | 33.7 |
| 260D Elkins | 1763382 | APP | C WV | 105.5 286.0 | 65.70 BNPFT20170801ABJ | 38 54 35.6 79 47 17.8 | 0.250 | 1.1 1006 | 25.0 West Virginia Radio Corpor | 47.6 | 38.8 |
| 256C Roanoke | WSLQ | LIC | C VA | 171.1 351.4 | 210.73 BLH20121126A0D | 37 11 50.0 80 09 11.0 | 200.000 598 | 149.6 1181 | 100.4 Mel Wheeler, Inc. | 44.0 | 84.5 |

Terrain database is NED 03 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference Zone= East 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)