

Summary of Channel 42 Z
Transmitter Power = 1.0 Kw

Lat: 40-17-57.0 N
Lon: 83-02-45.0 W
ERP: 58.000 Kw

RadioSoft
Comstudy 2.2
Terrain Radial Spacing .2 Km
1 Km Cell Size

| Callsign | City | Ch# | Fac ID | ARN | Type | ERP | Status | Bearing | Dist | Clearance | Total Pop | Ovl Pop | Ovl Pop% |
|----------|---------------|------|--------|--------------------|--------|-------|--------|---------|-------|-----------|-----------|---------|----------|
| WGGN-DT | SANDUSKY | 42 | 11027 | BMPCDT20000501AIZ | CP MOD | 1000 | Interf | 9.84 | 123.9 | -118.4 | 1666354 | 47 | 0 |
| WGGN-TV* | SANDUSKY | 42 | 11027 | DTV ALLOTMENT | LIC | 50 | Clean | 9.84 | 123.9 | -103.8 | 823542 | 0 | 0 |
| WOSU-TV | COLUMBUS | 34 Z | 66185 | BMLET19851106KE | LIC | 1170 | Clean | 146.04 | 18.7 | - | 1596331 | 0 | 0 |
| WGGN-DT | SANDUSKY | 42 | 11027 | BDSTA20021101ACB | LIC | 0.64 | Clean | 9.84 | 123.9 | -72.9 | 204700 | 0 | 0 |
| WTTE | COLUMBUS | 28 - | 74137 | BLCT19840614KE | LIC | 1910 | Clean | 146.04 | 18.8 | -69 | 1645679 | 0 | 0 |
| WTTE | COLUMBUS | 28 - | 74137 | BPCT20011018AGK | CP | 1440 | Clean | 177 | 40.3 | -46.7 | 1531131 | 0 | 0 |
| WPBO | PORTSMOUTH | 42 - | 66190 | BLET19930707KE | LIC | 525 | Interf | 180.45 | 170.9 | -39.7 | 263344 | 688 | 0.26 *** |
| WCWB-DT | PITTSBURGH | 42 | 73907 | BMPCDT20000428ABY | APP | 1000 | Clean | 84.18 | 258.4 | -3.6 | 2924174 | 0 | 0 |
| WCWB-DT | PITTSBURGH | 42 | 73907 | BPCDT19990112KF | CP | 331 | Clean | 84.18 | 258.4 | 6.5 | 2706211 | 0 | 0 |
| WHIO-DT | DAYTON | 41 | 41458 | BPCDT19991027ABD | CP | 1000 | Clean | 238.84 | 120.1 | 17.7 | 2993141 | 0 | 0 |
| W13BN | COLUMBUS | 43 - | 49182 | BMP TTL20001113ACE | CP MOD | 0.95 | Clean | 177.58 | 36.5 | 18.3 | 292583 | 0 | 0 |
| WHIO-TV* | DAYTON | 41 | 41458 | DTV ALLOTMENT | LIC | 493.2 | Clean | 238.83 | 120.1 | 18.4 | 3187559 | 0 | 0 |
| WCWB-DT | PITTSBURGH | 42 | 73907 | BDSTA20020419ABT | LIC | 20 | Clean | 84.18 | 258.4 | 24.8 | 2283681 | 0 | 0 |
| WHIO-DT | DAYTON | 41 | 41458 | BDSTA20010719AAZ | LIC | 275 | Clean | 238.84 | 120.1 | 29 | 2706977 | 0 | 0 |
| WKLE* | LEXINGTON | 42 | 34207 | DTV ALLOTMENT | LIC | 50 | Clean | 202.73 | 290.8 | 29.3 | 619287 | 0 | 0 |
| WKLE-DT | LEXINGTON | 42 | 34207 | BLEDT20011121ABJ | LIC | 48 | Clean | 202.73 | 290.8 | 31.9 | 604532 | 0 | 0 |
| WCWB* | PITTSBURGH | 42 | 73907 | DTV ALLOTMENT | LIC | 330.8 | Clean | 85.75 | 282.2 | 34 | 2541872 | 0 | 0 |
| WBGU-TV | BOWLING GREEN | 27 + | 6568 | BLET19860808KL | LIC | 1000 | Clean | 322.38 | 118 | 34.4 | 1149179 | 0 | 0 |
| WLIO | LIMA | 35 - | 37503 | BLCT19890519KE | LIC | 661 | Clean | 298.9 | 104.5 | - | 429516 | 0 | 0 |
| WOHZ-LP | MANSFIELD | 41 + | 41892 | BPTTL20000731AEY | APP | 13.3 | Clean | 34.86 | 63.1 | 42.3 | 123210 | 0 | 0 |
| WEAO | AKRON | 49 + | 49421 | BLET19821105KI | LIC | 692 | Clean | 53.35 | 147.5 | 47.5 | 2831225 | 0 | 0 |
| WNDU-DT | SOUTH BEND | 42 | 41674 | BPCDT20000427AAD | APP | 1000 | Clean | 299.67 | 303 | 53 | 1666451 | 0 | 0 |
| WNDU-TV* | SOUTH BEND | 42 | 41674 | DTV ALLOTMENT | LIC | 390.9 | Clean | 299.68 | 303 | 57.9 | 1476499 | 0 | 0 |
| WNDU-DT | SOUTH BEND | 42 | 41674 | BLCDT19991230AAH | LIC | 310 | Clean | 299.67 | 302.9 | 74.3 | 1067983 | 0 | 0 |
| WTLW | LIMA | 44 + | 1222 | BLCT19820714KG | LIC | 912 | Clean | 298.59 | 109.1 | 77.1 | 483183 | 0 | 0 |
| WPBO* | PORTSMOUTH | 43 | 66190 | DTV ALLOTMENT | LIC | 50 | Clean | 180.45 | 170.9 | 80.1 | 536416 | 0 | 0 |
| WPBO-DT | PORTSMOUTH | 43 | 66190 | BPEDT20000317AAE | CP | 50 | Clean | 180.45 | 170.9 | 80.1 | 538765 | 0 | 0 |
| WMSY-DT | MARION | 42 | 5982 | BPEDT19990527KG | CP | 100 | Clean | 160.45 | 399.6 | 80.9 | 283120 | 0 | 0 |
| WMSY-TV* | MARION | 42 | 5982 | DTV ALLOTMENT | LIC | 50 | Clean | 160.47 | 399.8 | 85.6 | 229951 | 0 | 0 |
| WIPB | MUNCIE | 49 Z | 3646 | BLET19810717KI | LIC | 676 | Clean | 266.3 | 198.6 | 98.6 | 524247 | 0 | 0 |

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Summary of Channel 42 Z
Transmitter Power = 1.0 Kw

Lat: 40-17-57.0 N
Lon: 83-02-45.0 W
ERP: 58.000 Kw

RadioSoft
Comstudy 2.2
Terrain Radial Spacing .2 Km
1 Km Cell Size

| Callsign | City | Ch# | Fac ID | ARN | Type | ERP | Status | Bearing | Dist | Clearance | Total Pop | Ovl Pop | Ovl Pop% |
|----------|-------------|------|--------|-----------------|------|------|--------|---------|-------|-----------|-----------|---------|----------|
| CKCOTV3 | SARNIA | 42 - | 98679 | | LIC | 846 | Clean | 15.44 | 279 | 136.5 | 410795 | 0 | 0 |
| WCLJ | BLOOMINGTON | 42 + | 68007 | BLCT19870904KG | LIC | 5000 | Clean | 250.38 | 282.8 | 139.3 | 1536333 | 0 | 0 |
| WVFX | CLARKSBURG | 46 - | 10976 | BLCT19810824KE | LIC | 155 | Clear | 114.82 | 256.1 | 224.1 | N/C | N/C | N/C |
| | CHICAGO | 41 Z | 98550 | | LIC | 0 | Clear | 295.96 | 422.8 | 246.8 | N/C | N/C | N/C |
| W48CH | ERIE | 42 + | 68016 | BLTT19940915IF | LIC | 6.7 | Clean | 51.26 | 315.8 | 257.6 | 192009 | 0 | 0 |
| WKLE | LEXINGTON | 46 Z | 34207 | BLET353 | LIC | 1260 | Clear | 202.73 | 290.8 | 258.8 | N/C | N/C | N/C |
| WHME-TV | SOUTH BEND | 46 Z | 36117 | BLCT2590 | LIC | 1120 | Clear | 299.87 | 298.6 | 266.6 | N/C | N/C | N/C |
| NEW | BAY CITY | 46 + | 127458 | BPRM20000717AEG | LIC | 5000 | Clear | 342.18 | 367.2 | 335.2 | N/C | N/C | N/C |
| 900725KG | JAMESTOWN | 46 Z | 71927 | BPET19900725KG | APP | 64.6 | Clear | 56.49 | 371.7 | 339.7 | N/C | N/C | N/C |

*** The terrain is rolling and the population is very sparse in the WPBO Grade B contour, therefore, for a more accurate calculation, a cell size of 1 Km and a Terrain Radial Spacing of .2 Km was used. This was checked and approved by Hossein Hashemzadeh of the FCC LPTV Branch as an acceptable method when requesting a waiver.

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