

EXHIBIT E-2

This exhibit contains the data obtained by a study of interference from the proposed facility to other existing or proposed standard television stations, digital television stations or digital television allocations.

The first sheet shows a tabulation of those stations that would have received interference from the allocated facilities for WNPX-DT. The second study then shows the interference to other facilities from the proposed facilities for WNPX-DT. In reality this study was done assuming an effective radiated power of 1 MW with the directional antenna as proposed in the application. A total of 9 such stations were involved. Of those 9 stations, 4 stations were digital television facilities.

A study was then performed on each of those stations to determine if the interference caused by the proposed WNPX-DT would exceed the *de minimus* values. In every case, it was determined that the new interference which would be caused by the proposed facilities for WNPX-DT would not increase the interference to any station by more than 2%, nor would the total interference received by any station be caused to increase beyond a total of 10%. Therefore, the proposed facility complies with the Commission's criteria.

WNPX-DT Allocation Outgoing Interference

WKZX-D (36) COOKEVILLE, TN

TV Outgoing Interference Study

Signal Resolution: 1.5 km

Consider NTSC Taboo: Yes

KWX error points are considered to
be interference free coverage.

Masked interference points are being counted
as interference free.

Study Date: 7/31/00

Stations which receive interference:

| Call Letters | H Units | Population | Area (sq. km) |
|--------------|---------|------------|---------------|
| WTVQTV | 63 | 154 | 10.92 |
| WTVC-D | 193 | 508 | 13.38 |

Totals for WKZX-D

Total population to which interference is caused: 662

Total number of housing units to which interference is caused: 256

| | Housing Units | Population |
|------------------|---------------|------------|
| Tennessee | | |
| Van Buren County | | |
| WTVQTV | 18 | 48 |
| Warren County | | |
| WTVQTV | 175 | 460 |

| | Housing Units | Population |
|----------------|---------------|------------|
| Kentucky | | |
| Lincoln County | | |
| WTVQTV | 63 | 154 |

Proposed WNPX-DT Outgoing Interference
To Other Stations and Allocations

WNPX-D.A (36) Cookeville, TN
TV Outgoing Interference Study
Signal Resolution: 1.5 km
Consider NTSC Taboo: Yes
KWX error points are considered to
be interference free coverage.
Masked interference points are being
counted as interference.

Study Date: 7/31/00

Stations which receive interference:

| Call Letters | H Units | Population | Area (sq. km) |
|--------------|---------|------------|---------------|
| WFIQ | 888 | 2353 | 164.98 |
| WATL | 131 | 346 | 18.19 |
| WTVQTV | 2373 | 5254 | 132.60 |
| WCTE | 1194 | 2611 | 59.82 |
| WHTN | 2057 | 4556 | 79.84 |
| WABM-D | 479 | 1191 | 22.75 |
| WTWO-D | 48 | 145 | 15.07 |
| WKMU-D | 875 | 2114 | 123.44 |
| WTVC-D | 296 | 740 | 40.17 |

Totals for WNPX-D.A

Total population to which interference is caused: 19310

Total number of housing units to which interference is caused: 8341

| | Housing Units | Population |
|-----------------|---------------|------------|
| Georgia | | |
| Bartow County | | |
| WATL | 37 | 91 |
| Floyd County | | |
| WATL | 70 | 200 |
| Haralson County | | |
| WATL | 24 | 55 |

| | Housing Units | Population |
|-------------------|---------------|------------|
| Alabama | | |
| Blount County | | |
| WABM-D | 133 | 342 |
| Colbert County | | |
| WFIQ | 8 | 19 |
| Cullman County | | |
| WABM-D | 346 | 849 |
| Lauderdale County | | |

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|-----------------|-----|-------|
| WFIQ | 52 | 117 |
| Lawrence County | | |
| WFIQ | 491 | 1,349 |
| Morgan County | | |
| WFIQ | 286 | 756 |

| | Housing Units | Population |
|-------------------|---------------|------------|
| Mississippi | | |
| Tishomingo County | | |
| WFIQ | 5 | 8 |

| | Housing Units | Population |
|------------------|---------------|------------|
| Tennessee | | |
| Benton County | | |
| WKMU-D | 9 | 20 |
| Carroll County | | |
| WKMU-D | 14 | 24 |
| DeKalb County | | |
| WHTN | 695 | 1,512 |
| Hardin County | | |
| WFIQ | 12 | 24 |
| Henry County | | |
| WKMU-D | 82 | 203 |
| Jackson County | | |
| WHTN | 10 | 22 |
| Macon County | | |
| WHTN | 2 | 3 |
| Putnam County | | |
| WHTN | 19 | 41 |
| Smith County | | |
| WCTE | 1,138 | 2,477 |
| WHTN | 1,331 | 2,978 |
| Stewart County | | |
| WKMU-D | 150 | 409 |
| Trousdale County | | |
| WCTE | 11 | 21 |
| Van Buren County | | |
| WTVC-D | 77 | 200 |
| Warren County | | |
| WTVC-D | 219 | 540 |
| Wayne County | | |
| WFIQ | 34 | 80 |
| Wilson County | | |
| WCTE | 45 | 113 |

| | Housing Units | Population |
|-------------------|---------------|------------|
| Kentucky | | |
| Anderson County | | |
| WTVQTV | 4 | 7 |
| Caldwell County | | |
| WKMU-D | 5 | 11 |
| Lincoln County | | |
| WTVQTV | 168 | 431 |
| Lyon County | | |
| WKMU-D | 48 | 88 |
| Marion County | | |
| WTVQTV | 7 | 17 |
| Nelson County | | |
| WTVQTV | 9 | 25 |
| Rockcastle County | | |
| WTVQTV | 40 | 109 |
| Shelby County | | |
| WTVQTV | 1,915 | 4,075 |
| Spencer County | | |
| WTVQTV | 23 | 65 |
| Trigg County | | |
| WKMU-D | 562 | 1,345 |
| Washington County | | |
| WTVQTV | 207 | 525 |

| | Housing Units | Population |
|-------------|---------------|------------|
| Illinois | | |
| Pope County | | |
| WKMU-D | 5 | 14 |

| | Housing Units | Population |
|-----------------|---------------|------------|
| Adams County | | |
| Gibson County | | |
| WTWO-D | 16 | 38 |
| Lawrence County | | |
| WTWO-D | 32 | 107 |