

Channel Study

WKVH proposed

| REFERENCE | | CH# 220C3- 91.9 MHz, Pwr= 1.5 kW, HAAT=403.0M, COR= 451 M | | | | | | | | | | DISPLAY DATES | |
|-----------------------|---------|--|----------------|----------------------------|----------------------|----------------------|---------------------|-------------------------------------|-------------------------|----------|--|---------------|----------|
| 30 40 13 N | | Average Protected F(50-50)= 39.4 km | | | | | | | | | | DATA | 05-04-03 |
| 83 56 26 W | | Ave. F(50-10) 40 dBu= 102.5 54 dBu= 59.8 80 dBu= 12.9 100 dBu= 2.5 | | | | | | | | | | SEARCH | 05-21-03 |
| 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* | | | |
| 220A Monticello | WKVH.C | CP CN FL | 0.0 180.0 | 0.00 BPED19990510MF | 30 40 13 83 56 26 | 0.34 407 | 451 101.6 | 39.0 Educational Media Foundati | -121.13 | -129.67* | | | |
| 219A Madison | WAPB.C | CP CN FL | 125.0 305.0 | 53.97 BPED19970707MA | 30 23 27 83 28 48 | 0.2 58 | 91 44.2 | 28.7 Public Radio, Inc. | 12.03 | 0.31 | | | |
| 219A Valdosta | WWET | LIC VN GA | 73.3 253.3 | 66.21 BLED19891114KA | 30 50 23 83 16 39 | 0.185 72 | 128 44.3 | 28.8 Georgia Public Telecommuni | 23.13 | 11.60 | | | |
| 221A Adel | WDDQ | LIC C GA | 44.9 224.9 | 73.53 BMLH19951002KA | 31 08 15 83 23 41 | 6 96 | 160 44.2 | 28.7 Williams Investment Compan | 1.89 | 1.56 | | | |
| 220C2 Waycross | WASW.C | CP NCX GA | 67.6 247.6 | 162.86 BPED20010820ABB | 31 13 07 82 21 34 | 45 36 | 84 83.4 | 28.8 American Family Associatio | 19.73 | 51.51 | | | |
| 220C2 Apalachicola | AP220 | APP CX FL | 233.1 53.1 | 162.88 BNPED20000207AAT | 29 47 01 85 17 23 | 30 131 | 131 102.1 | 39.2 Christian Radio Media, Inc | 0.24 | 15.78 | | | |
| 221A Perry | WNFK | LIC CX FL | 146.5 326.5 | 77.40 BLH20020313AAU | 30 05 17 83 29 46 | 6 104 | 120 48.3 | 31.4 Taylor County Broadcasting | 1.54 | 0.35 | | | |
| 218C1 Tallahassee | WFSQ.C | CP CX FL | 241.8 61.8 | 73.00 BMPED20021025ABF | 30 21 31 84 36 38 | 86 216 | 250 2.5 | 39.5 Florida State University | 25.24 | 6.68 | | | |
| 218C1 Tallahassee | WFSQ | LIC CN FL | 241.8 61.8 | 73.06 BLED19910829KH | 30 21 29 84 36 39 | 100 194 | 228 2.5 | 39.5 Florida State University | 25.43 | 7.35 | | | |
| 220A Cuthbert | 990224 | APP CN GA | 326.4 146.4 | 145.00 BPED19990224MA | 31 45 18 84 47 26 | 6 75 | 179 101.6 | 39.0 American Family Associatio | 23.73 | 18.59 | | | |
| 222A Pelham | RDEL | DEL GA | 335.5 155.5 | 50.06 | 31 04 50 84 09 33 | 6 -83 | 0 2.5 | 39.2 | 9.29 | 31.80 | | | |
| 222A Meigs | RADD | ADD GA | 335.5 155.5 | 50.06 | 31 04 50 84 09 33 | 6 -83 | 0 2.5 | 39.2 | 9.29 | 31.80 | | | |
| 222A Pelham | WQLI.C | CP CN GA | 335.5 155.5 | 50.06 BPH19931105MA | 31 04 50 84 09 33 | 6 96 | 179 2.5 | 39.2 Db a Mitchell County Televi | 8.16 | 19.84 | | | |
| 222A Pelham | WQLI.A | APP CX GA | 331.7 151.7 | 52.53 BMPH20030218AAH | 31 05 12 84 12 10 | 6 86 | 175 2.5 | 39.2 D/b/a Mitchell County Tele | 10.79 | 23.62 | | | |
| 222A Pelham | WQLI.A | APP CX GA | 331.7 151.7 | 52.53 BMPH20030218AAH | 31 05 12 84 12 10 | 6 86 | 175 2.5 | 39.2 D/b/a Mitchell County Tele | 10.79 | 23.62 | | | |
| 220A Waycross | WASW | LIC C GA | 67.6 247.6 | 162.86 BLED20010621AAC | 31 13 07 82 21 34 | 1.2 36 | 84 83.4 | 28.8 American Family Associatio | 92.36 | 67.93 | | | |
| 219A Albany | WUNV | LIC CN GA | 354.3 174.3 | 111.64 BLED19900405KB | 31 40 20 84 03 27 | 3 115 | 174 59.1 | 38.9 Georgia Public Telecommuni | 33.49 | 26.78 | | | |
| 274C3 Madison | WXHT.C« | CP CX FL | 94.0 274.0 | 47.35 BPH20010529AAU | 30 38 23 83 26 52 | 19 115 | 158 31.1 | 28.8 Magnum Broadcasting, Inc. | 14.0R | 33.4M | | | |
| 220A Eufaula | 980727 | APP CN AL | 320.1 140.1 | 180.04 BPED19980727MH | 31 54 30 85 09 51 | 1 69 | 160 101.6 | 39.0 Faith Broadcasting, Inc. | 87.63 | 63.37 | | | |
| 221A Columbia | WJJN | LIC CN AL | 295.1 115.1 | 133.87 BLH19951213KB | 31 10 25 85 12 49 | 2.55 161 | 216 58.9 | 38.8 Wilson Broadcasting Co., I | 51.62 | 46.25 | | | |

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Channel Study continued

| | | | | | | | | |
|-------------------------------|---------------|--|----------------------|---------------|--------------|------------------------------------|-----------|---------|
| 274C3 WXHT« Madison | LIC NC FL | 102.0 59.38 282.0 BLH20001030AAX | 30 33 29 83 20 06 | 15 88 | 134 31.1 | 28.8 Magnum Broadcasting, Inc. | 14.0R | 45.4M |
| 223C3 WKZZ Tifton | LIC C GA | 31.1 111.32 211.1 BLH19990913AAW | 31 31 40 83 20 01 | 20.5 109 | 196 1.5 | 30.4 Rtg Radio, Llc | 76.89 | 70.88 |
| 220C2 WHGN.C Crystal River | CP DCX FL | 145.4 245.67 325.4 BMPED20020401AAU | 28 50 29 82 30 21 | 19.975 160 | 165 87.9 | 31.4 The Moody Bible Institute | 95.75 | 112.39 |
| 220C2 WHGN Crystal River | LIC DEX FL | 145.4 245.67 325.4 BLEDD20020207AAS | 28 50 29 82 30 21 | 19.975 160 | 165 87.9 | 31.4 The Moody Bible Institute | 95.75 | 112.39 |
| 221A ALLO Vienna | VAC GA | 4.7 160.77 184.7 RM9905 | 32 06 55 83 47 57 | 6 -93 | 0 58.5 | 38.5 98.76 | 86.51 | |
| 223C1 WPAPFM Panama City | CP CX FL | 263.6 149.46 83.6 BPH20010802AAV | 30 30 42 85 29 17 | 82 318 | 373 2.5 | 39.7 Clear Channel Broadcasting | 99.92 | 75.23 |
| 223C1 WPAPFM Panama City | LIC CN FL | 263.6 149.65 83.6 BLH19921015KA | 30 30 41 85 29 24 | 100 271 | 326 2.5 | 39.7 Clear Channel Broadcasting | 100.36 | 77.13 |
| 06Z3C WCTV Thomasville | LI HY GA | 0.0 0.00 180.0 BLCT19870630KF | 30 40 13 83 56 26 | 97.7 623 | 667 309.5 | 249.4 Wctv Licensee Corp. | To Grd B= | -129.28 |

 ***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.

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Exhibit 15-A

Monticello, FL

WKVH.P vs. WAPB.C

Educational Media Foundation
05-21-2003 30 Sec. Terrain Data

WAPB.C BPED19970707MA
Channel = 219A
Max ERP = 0.2 kw
RCAMSL = 91 M
N. Lat = 30 23 27
W. Lng = 83 28 48

WKVH.P
Channel = 220C3
Max ERP = 1.5 kw
RCAMSL = 451 M
N. Lat = 304013
W. Lng = 835626

Protected
60 dBu

Interfering
54 dBu

| Azimuth (degrees) | ERP (kw) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kw) | HAAT (m) | Dist (km) | Actual (dBu) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|
| 275.0 | 000.2000 | 0059.5 | 009.6 | 131.1 | 000.3958 | 0406.0 | 045.9 | 53.5 |
| 276.0 | 000.2000 | 0059.3 | 009.6 | 130.9 | 000.3931 | 0406.0 | 045.8 | 53.5 |
| 277.0 | 000.2000 | 0059.2 | 009.6 | 130.7 | 000.3905 | 0406.0 | 045.8 | 53.6 |
| 278.0 | 000.2000 | 0059.2 | 009.6 | 130.5 | 000.3879 | 0406.0 | 045.7 | 53.6 |
| 279.0 | 000.2000 | 0059.2 | 009.6 | 130.4 | 000.3853 | 0405.6 | 045.6 | 53.6 |
| 280.0 | 000.2000 | 0059.2 | 009.6 | 130.2 | 000.3827 | 0405.6 | 045.5 | 53.6 |
| 281.0 | 000.2000 | 0059.1 | 009.6 | 130.0 | 000.3800 | 0405.6 | 045.4 | 53.6 |
| 282.0 | 000.2000 | 0058.7 | 009.5 | 129.8 | 000.3800 | 0405.6 | 045.4 | 53.6 |
| 283.0 | 000.2000 | 0058.1 | 009.5 | 129.6 | 000.3800 | 0405.6 | 045.3 | 53.6 |
| 284.0 | 000.2000 | 0057.4 | 009.4 | 129.4 | 000.3800 | 0405.2 | 045.3 | 53.6 |
| 285.0 | 000.2000 | 0057.0 | 009.4 | 129.1 | 000.3800 | 0405.2 | 045.3 | 53.6 |
| 286.0 | 000.2000 | 0056.8 | 009.4 | 128.9 | 000.3800 | 0405.2 | 045.2 | 53.6 |
| 287.0 | 000.2000 | 0056.8 | 009.4 | 128.8 | 000.3800 | 0405.2 | 045.2 | 53.7 |
| 288.0 | 000.2000 | 0056.9 | 009.4 | 128.6 | 000.3800 | 0405.2 | 045.1 | 53.7 |
| 289.0 | 000.2000 | 0056.9 | 009.4 | 128.4 | 000.3800 | 0404.8 | 045.0 | 53.7 |
| 290.0 | 000.2000 | 0056.8 | 009.4 | 128.2 | 000.3800 | 0404.8 | 045.0 | 53.7 |
| 291.0 | 000.2000 | 0056.7 | 009.4 | 128.0 | 000.3800 | 0404.8 | 044.9 | 53.7 |
| 292.0 | 000.2000 | 0056.7 | 009.4 | 127.8 | 000.3800 | 0404.8 | 044.9 | 53.7 |
| 293.0 | 000.2000 | 0056.7 | 009.4 | 127.6 | 000.3800 | 0404.8 | 044.9 | 53.8 |
| 294.0 | 000.2000 | 0056.9 | 009.4 | 127.4 | 000.3800 | 0404.3 | 044.8 | 53.8 |
| 295.0 | 000.2000 | 0057.2 | 009.4 | 127.2 | 000.3800 | 0404.3 | 044.7 | 53.8 |
| 296.0 | 000.2000 | 0057.7 | 009.4 | 127.0 | 000.3800 | 0404.3 | 044.7 | 53.8 |
| 297.0 | 000.2000 | 0058.2 | 009.5 | 126.8 | 000.3800 | 0404.3 | 044.6 | 53.9 |
| 298.0 | 000.2000 | 0058.6 | 009.5 | 126.6 | 000.3800 | 0404.3 | 044.5 | 53.9 |
| 299.0 | 000.2000 | 0058.9 | 009.5 | 126.4 | 000.3800 | 0403.7 | 044.5 | 53.9 |
| 300.0 | 000.2000 | 0059.1 | 009.6 | 126.2 | 000.3800 | 0403.7 | 044.5 | 53.9 |
| 301.0 | 000.2000 | 0059.3 | 009.6 | 125.9 | 000.3800 | 0403.7 | 044.4 | 53.9 |
| 302.0 | 000.2000 | 0059.4 | 009.6 | 125.7 | 000.3800 | 0403.7 | 044.4 | 53.9 |
| 303.0 | 000.2000 | 0059.3 | 009.6 | 125.5 | 000.3800 | 0403.7 | 044.4 | 53.9 |
| 304.0 | 000.2000 | 0058.9 | 009.5 | 125.3 | 000.3800 | 0403.0 | 044.4 | 53.9 |
| 305.0 | 000.2000 | 0058.4 | 009.5 | 125.1 | 000.3800 | 0403.0 | 044.5 | 53.9 |
| 306.0 | 000.2000 | 0057.9 | 009.5 | 124.9 | 000.3800 | 0403.0 | 044.5 | 53.9 |
| 307.0 | 000.2000 | 0057.7 | 009.4 | 124.7 | 000.3800 | 0403.0 | 044.5 | 53.8 |
| 308.0 | 000.2000 | 0057.5 | 009.4 | 124.4 | 000.3800 | 0402.4 | 044.5 | 53.8 |
| 309.0 | 000.2000 | 0057.5 | 009.4 | 124.2 | 000.3800 | 0402.4 | 044.6 | 53.8 |
| 310.0 | 000.2000 | 0057.4 | 009.4 | 124.0 | 000.3800 | 0402.4 | 044.6 | 53.8 |
| 311.0 | 000.2000 | 0057.4 | 009.4 | 123.8 | 000.3800 | 0402.4 | 044.6 | 53.8 |
| 312.0 | 000.2000 | 0057.5 | 009.4 | 123.6 | 000.3800 | 0402.4 | 044.6 | 53.8 |
| 313.0 | 000.2000 | 0057.7 | 009.4 | 123.4 | 000.3800 | 0402.0 | 044.6 | 53.8 |
| 314.0 | 000.2000 | 0057.9 | 009.5 | 123.2 | 000.3800 | 0402.0 | 044.6 | 53.8 |
| 315.0 | 000.2000 | 0057.9 | 009.5 | 123.0 | 000.3800 | 0402.0 | 044.7 | 53.8 |
| 316.0 | 000.2000 | 0057.7 | 009.4 | 122.8 | 000.3800 | 0402.0 | 044.7 | 53.7 |
| 317.0 | 000.2000 | 0057.3 | 009.4 | 122.6 | 000.3800 | 0402.0 | 044.8 | 53.7 |
| 318.0 | 000.2000 | 0057.0 | 009.4 | 122.4 | 000.3800 | 0401.3 | 044.9 | 53.7 |
| 319.0 | 000.2000 | 0057.0 | 009.4 | 122.2 | 000.3800 | 0401.3 | 044.9 | 53.7 |
| 320.0 | 000.2000 | 0057.4 | 009.4 | 122.0 | 000.3800 | 0401.3 | 044.9 | 53.6 |

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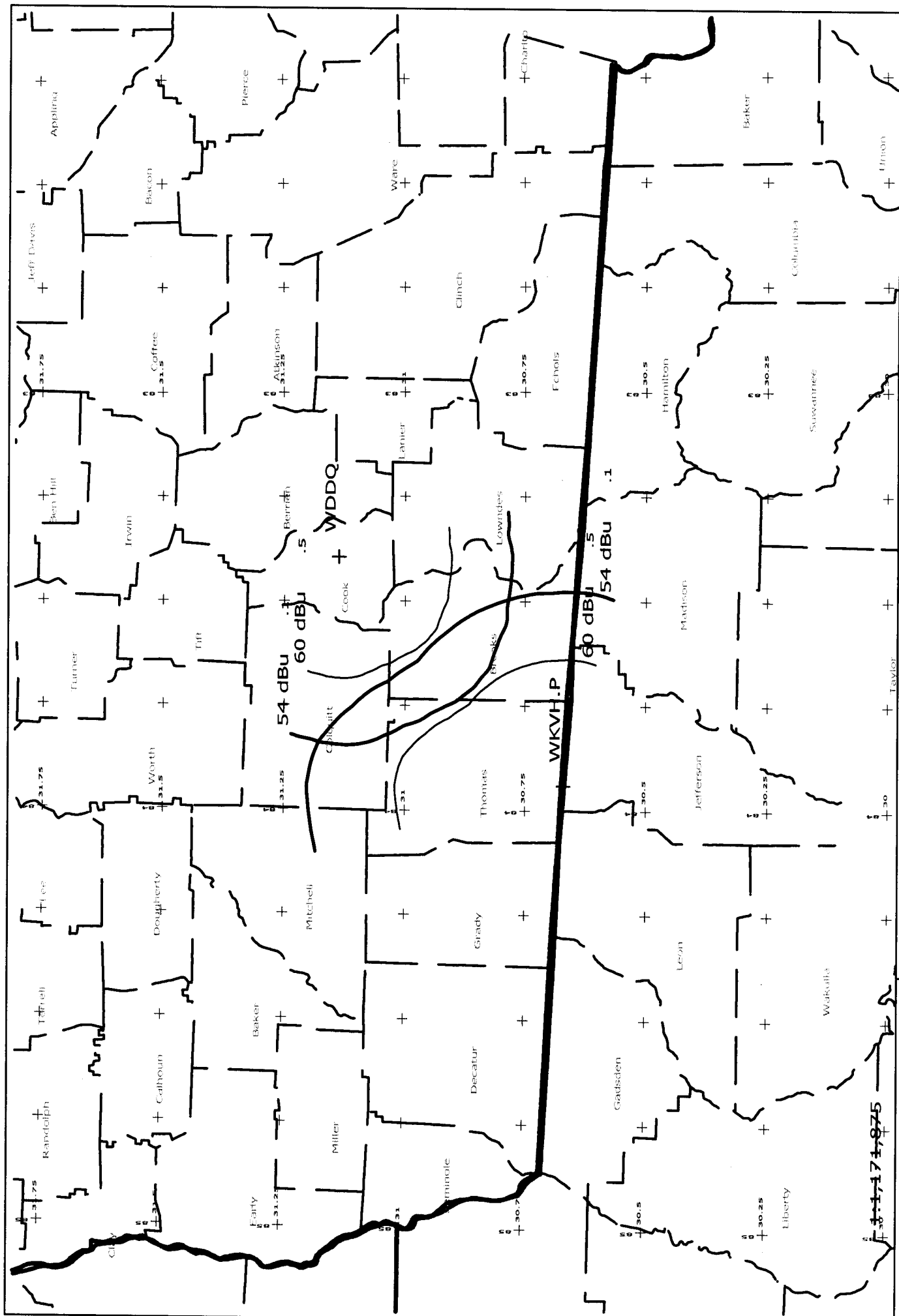
5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Exhibit 15-A

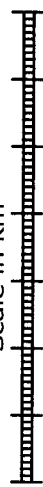
Monticello, FL

WKVH.P vs. WAPB.C continued

| | | | | | | | | |
|-------|----------|--------|-------|-------|----------|--------|-------|------|
| 321.0 | 000.2000 | 0057.7 | 009.4 | 121.8 | 000.3800 | 0401.3 | 045.0 | 53.6 |
| 322.0 | 000.2000 | 0057.7 | 009.4 | 121.6 | 000.3800 | 0401.3 | 045.0 | 53.6 |
| 323.0 | 000.2000 | 0057.3 | 009.4 | 121.4 | 000.3800 | 0400.3 | 045.1 | 53.5 |
| 324.0 | 000.2000 | 0056.8 | 009.4 | 121.2 | 000.3800 | 0400.3 | 045.2 | 53.5 |
| 325.0 | 000.2000 | 0056.2 | 009.3 | 121.0 | 000.3800 | 0400.3 | 045.3 | 53.5 |
| 326.0 | 000.2000 | 0055.7 | 009.3 | 120.9 | 000.3800 | 0400.3 | 045.4 | 53.4 |
| 327.0 | 000.2000 | 0055.0 | 009.2 | 120.7 | 000.3800 | 0400.3 | 045.6 | 53.4 |
| 328.0 | 000.2000 | 0054.1 | 009.1 | 120.6 | 000.3800 | 0400.3 | 045.7 | 53.3 |
| 329.0 | 000.2000 | 0053.2 | 009.0 | 120.5 | 000.3800 | 0399.1 | 045.8 | 53.2 |
| 330.0 | 000.2000 | 0052.6 | 009.0 | 120.3 | 000.3800 | 0399.1 | 046.0 | 53.2 |
| 331.0 | 000.2000 | 0052.1 | 008.9 | 120.2 | 000.3800 | 0399.1 | 046.1 | 53.1 |
| 332.0 | 000.2000 | 0051.6 | 008.9 | 120.0 | 000.3800 | 0399.1 | 046.2 | 53.1 |
| 333.0 | 000.2000 | 0051.2 | 008.9 | 119.9 | 000.3800 | 0399.1 | 046.3 | 53.0 |
| 334.0 | 000.2000 | 0050.8 | 008.8 | 119.8 | 000.3800 | 0399.1 | 046.4 | 53.0 |
| 335.0 | 000.2000 | 0050.5 | 008.8 | 119.6 | 000.3800 | 0399.1 | 046.6 | 52.9 |



Scale in km



WKVH.P 220C3 1.5kW 451M AMSL

WDDQ 221A 6kW 160M AMSL

EXHIBIT 15-B

EMF - 05/03

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Exhibit 15-B

Monticello, FL

WKVH.P vs. WDDQ

05-21-2003 Educational Media Foundation
30 Sec. Terrain Data

WDDQ BMLH19951002KA
Channel = 221A
Max ERP = 6 kw
RCAMSL = 160 M
N. Lat = 31 08 15
W. Lng = 83 23 41

WKVH.P
Channel = 220C3
Max ERP = 1.5 kw
RCAMSL = 451 M
N. Lat = 304013
W. Lng = 835626

Protected
60 dBu

Interfering
54 dBu

| Azimuth (degrees) | ERP (kw) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kw) | HAAT (m) | Dist (km) | Actual (dBu) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|
| 210.0 | 006.0000 | 0091.5 | 027.1 | 053.6 | 000.3800 | 0403.8 | 047.9 | 52.5 |
| 211.0 | 006.0000 | 0091.9 | 027.2 | 053.1 | 000.3800 | 0403.3 | 047.7 | 52.6 |
| 212.0 | 006.0000 | 0092.6 | 027.3 | 052.6 | 000.3800 | 0403.3 | 047.4 | 52.7 |
| 213.0 | 006.0000 | 0093.4 | 027.4 | 052.1 | 000.3800 | 0403.3 | 047.1 | 52.8 |
| 214.0 | 006.0000 | 0094.5 | 027.5 | 051.6 | 000.3800 | 0403.3 | 046.9 | 52.9 |
| 215.0 | 006.0000 | 0095.5 | 027.7 | 051.1 | 000.3800 | 0403.5 | 046.6 | 53.0 |
| 216.0 | 006.0000 | 0096.2 | 027.8 | 050.5 | 000.3800 | 0403.5 | 046.4 | 53.1 |
| 217.0 | 006.0000 | 0096.4 | 027.8 | 050.0 | 000.3800 | 0403.7 | 046.2 | 53.2 |
| 218.0 | 006.0000 | 0096.2 | 027.8 | 049.4 | 000.3800 | 0403.8 | 046.1 | 53.2 |
| 219.0 | 006.0000 | 0095.9 | 027.7 | 048.8 | 000.3800 | 0403.8 | 046.1 | 53.3 |
| 220.0 | 006.0000 | 0095.9 | 027.7 | 048.2 | 000.3800 | 0404.0 | 046.0 | 53.3 |
| 221.0 | 006.0000 | 0096.0 | 027.8 | 047.6 | 000.3800 | 0404.0 | 045.9 | 53.3 |
| 222.0 | 006.0000 | 0096.3 | 027.8 | 047.0 | 000.3800 | 0404.0 | 045.8 | 53.4 |
| 223.0 | 006.0000 | 0096.5 | 027.8 | 046.4 | 000.3800 | 0404.0 | 045.8 | 53.4 |
| 224.0 | 006.0000 | 0096.4 | 027.8 | 045.8 | 000.3800 | 0404.0 | 045.8 | 53.4 |
| 225.0 | 006.0000 | 0096.1 | 027.8 | 045.2 | 000.3800 | 0403.8 | 045.8 | 53.4 |
| 226.0 | 006.0000 | 0095.6 | 027.7 | 044.5 | 000.3800 | 0403.8 | 045.9 | 53.3 |
| 227.0 | 006.0000 | 0095.2 | 027.6 | 043.9 | 000.3800 | 0403.4 | 045.9 | 53.3 |
| 228.0 | 006.0000 | 0094.9 | 027.6 | 043.4 | 000.3800 | 0402.9 | 046.0 | 53.3 |
| 229.0 | 006.0000 | 0094.8 | 027.6 | 042.8 | 000.3800 | 0402.9 | 046.1 | 53.2 |
| 230.0 | 006.0000 | 0094.6 | 027.6 | 042.2 | 000.3800 | 0402.2 | 046.1 | 53.2 |
| 231.0 | 006.0000 | 0094.2 | 027.5 | 041.6 | 000.3800 | 0402.2 | 046.3 | 53.1 |
| 232.0 | 006.0000 | 0093.5 | 027.4 | 041.0 | 000.3800 | 0401.7 | 046.5 | 53.0 |
| 233.0 | 006.0000 | 0092.6 | 027.3 | 040.5 | 000.3800 | 0401.3 | 046.7 | 53.0 |
| 234.0 | 006.0000 | 0091.9 | 027.2 | 039.9 | 000.3807 | 0401.3 | 046.9 | 52.9 |
| 235.0 | 006.0000 | 0091.3 | 027.1 | 039.4 | 000.3867 | 0400.9 | 047.1 | 52.9 |
| 236.0 | 006.0000 | 0090.9 | 027.0 | 038.9 | 000.3928 | 0400.9 | 047.3 | 52.9 |
| 237.0 | 006.0000 | 0090.4 | 027.0 | 038.4 | 000.3988 | 0400.7 | 047.5 | 52.8 |
| 238.0 | 006.0000 | 0090.0 | 026.9 | 037.8 | 000.4047 | 0400.7 | 047.7 | 52.8 |
| 239.0 | 006.0000 | 0089.8 | 026.9 | 037.3 | 000.4107 | 0400.6 | 047.9 | 52.8 |
| 240.0 | 006.0000 | 0089.9 | 026.9 | 036.8 | 000.4169 | 0400.6 | 048.0 | 52.8 |
| 241.0 | 006.0000 | 0090.1 | 026.9 | 036.3 | 000.4232 | 0400.6 | 048.2 | 52.8 |
| 242.0 | 006.0000 | 0090.4 | 027.0 | 035.8 | 000.4294 | 0400.6 | 048.4 | 52.8 |
| 243.0 | 006.0000 | 0090.5 | 027.0 | 035.3 | 000.4355 | 0400.7 | 048.6 | 52.8 |
| 244.0 | 006.0000 | 0090.4 | 027.0 | 034.8 | 000.4413 | 0400.7 | 048.8 | 52.8 |
| 245.0 | 006.0000 | 0090.2 | 027.0 | 034.3 | 000.4470 | 0400.7 | 049.0 | 52.7 |
| 246.0 | 006.0000 | 0089.8 | 026.9 | 033.9 | 000.4523 | 0400.7 | 049.3 | 52.7 |
| 247.0 | 006.0000 | 0089.4 | 026.8 | 033.5 | 000.4574 | 0400.7 | 049.6 | 52.6 |
| 248.0 | 006.0000 | 0089.0 | 026.8 | 033.0 | 000.4626 | 0400.7 | 049.9 | 52.5 |
| 249.0 | 006.0000 | 0089.1 | 026.8 | 032.6 | 000.4681 | 0400.7 | 050.2 | 52.5 |
| 250.0 | 006.0000 | 0089.5 | 026.8 | 032.1 | 000.4739 | 0400.7 | 050.4 | 52.5 |

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Exhibit 15-B

Monticello, FL

WDDQ vs. WKVH.P

Educational Media Foundation
05-21-2003 30 Sec. Terrain Data

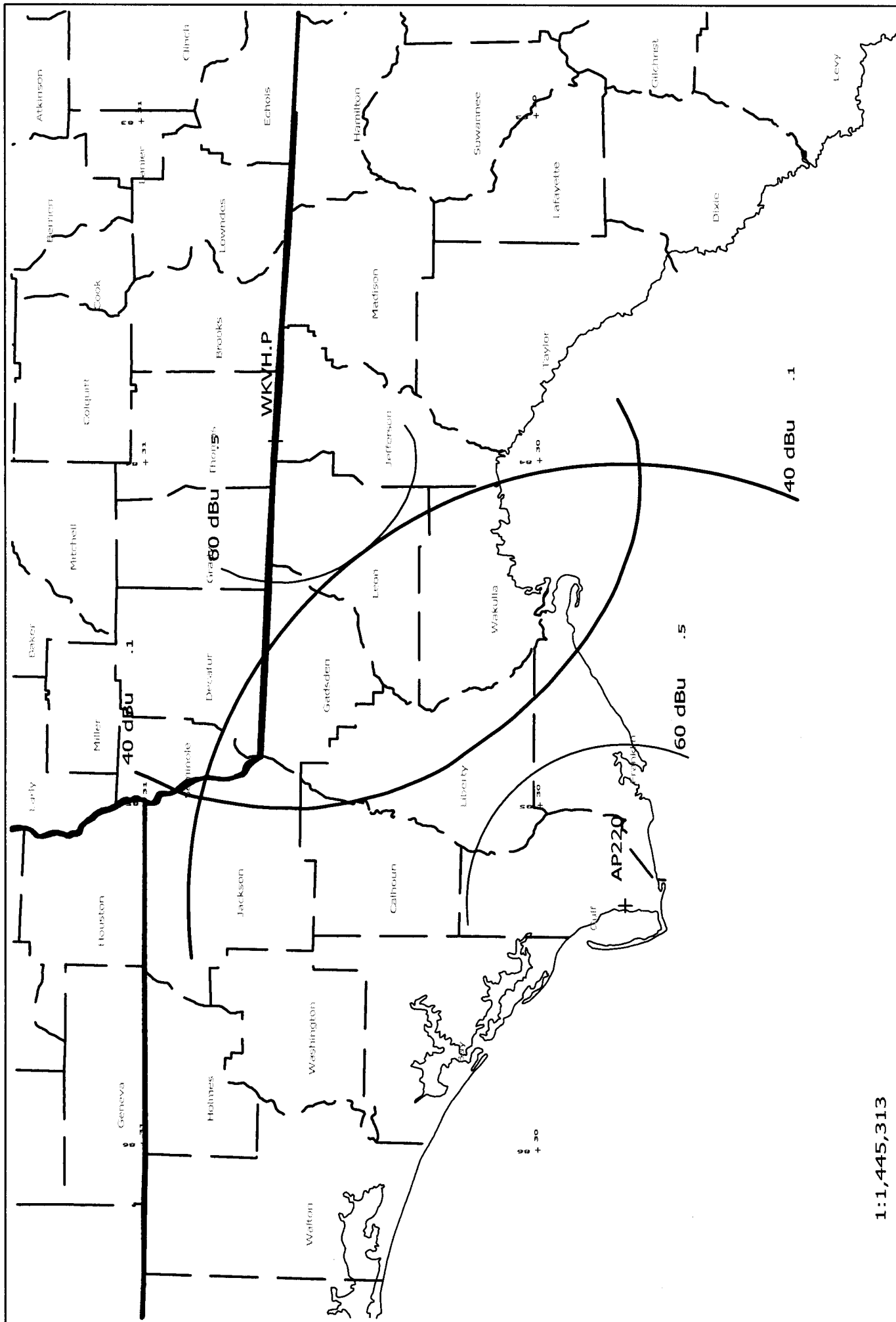
WKVH.P
Channel = 220C3
Max ERP = 1.5 kW
RCAMSL = 451 M
N. Lat = 304013
W. Lng = 835626

WDDQ BMLH19951002KA
Channel = 221A
Max ERP = 6 kW
RCAMSL = 160 M
N. Lat = 31 08 15
W. Lng = 83 23 41

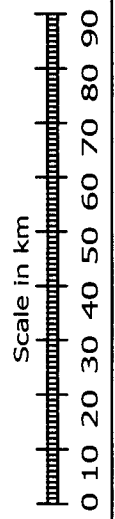
Protected
60 dBu

Interfering
54 dBu

| Azimuth (degrees) | ERP (kw) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kw) | HAAT (m) | Dist (km) | Actual (dBu) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|
| 020.0 | 000.7943 | 0397.3 | 034.1 | 243.9 | 006.0000 | 0090.4 | 045.0 | 52.7 |
| 021.0 | 000.7620 | 0398.0 | 033.8 | 243.1 | 006.0000 | 0090.5 | 044.8 | 52.8 |
| 022.0 | 000.7303 | 0399.0 | 033.5 | 242.3 | 006.0000 | 0090.4 | 044.7 | 52.8 |
| 023.0 | 000.6993 | 0400.0 | 033.2 | 241.5 | 006.0000 | 0090.1 | 044.5 | 52.8 |
| 024.0 | 000.6690 | 0400.8 | 032.9 | 240.6 | 006.0000 | 0090.1 | 044.4 | 52.9 |
| 025.0 | 000.6394 | 0401.4 | 032.5 | 239.8 | 006.0000 | 0089.9 | 044.4 | 52.9 |
| 026.0 | 000.6104 | 0402.0 | 032.2 | 238.9 | 006.0000 | 0089.8 | 044.4 | 52.9 |
| 027.0 | 000.5821 | 0402.3 | 031.8 | 238.1 | 006.0000 | 0090.0 | 044.4 | 52.9 |
| 028.0 | 000.5544 | 0402.3 | 031.4 | 237.2 | 006.0000 | 0090.4 | 044.4 | 52.9 |
| 029.0 | 000.5275 | 0401.9 | 031.0 | 236.3 | 006.0000 | 0090.9 | 044.5 | 52.9 |
| 030.0 | 000.5012 | 0401.3 | 030.6 | 235.5 | 006.0000 | 0091.3 | 044.6 | 52.9 |
| 031.0 | 000.4883 | 0400.9 | 030.4 | 234.8 | 006.0000 | 0091.3 | 044.6 | 52.9 |
| 032.0 | 000.4756 | 0400.7 | 030.2 | 234.0 | 006.0000 | 0091.9 | 044.6 | 53.0 |
| 033.0 | 000.4631 | 0400.7 | 030.0 | 233.3 | 006.0000 | 0092.6 | 044.6 | 53.0 |
| 034.0 | 000.4507 | 0400.7 | 029.8 | 232.6 | 006.0000 | 0092.6 | 044.6 | 53.0 |
| 035.0 | 000.4385 | 0400.7 | 029.6 | 231.9 | 006.0000 | 0093.5 | 044.6 | 53.1 |
| 036.0 | 000.4265 | 0400.6 | 029.4 | 231.2 | 006.0000 | 0094.2 | 044.7 | 53.1 |
| 037.0 | 000.4146 | 0400.6 | 029.2 | 230.5 | 006.0000 | 0094.6 | 044.7 | 53.2 |
| 038.0 | 000.4029 | 0400.7 | 029.0 | 229.8 | 006.0000 | 0094.6 | 044.8 | 53.1 |
| 039.0 | 000.3914 | 0400.9 | 028.8 | 229.1 | 006.0000 | 0094.8 | 044.9 | 53.1 |
| 040.0 | 000.3800 | 0401.3 | 028.6 | 228.4 | 006.0000 | 0094.9 | 045.0 | 53.1 |
| 041.0 | 000.3800 | 0401.7 | 028.7 | 227.8 | 006.0000 | 0094.9 | 045.0 | 53.1 |
| 042.0 | 000.3800 | 0402.2 | 028.7 | 227.2 | 006.0000 | 0095.2 | 044.9 | 53.1 |
| 043.0 | 000.3800 | 0402.9 | 028.7 | 226.5 | 006.0000 | 0095.2 | 044.8 | 53.2 |
| 044.0 | 000.3800 | 0403.4 | 028.7 | 225.9 | 006.0000 | 0095.6 | 044.8 | 53.2 |
| 045.0 | 000.3800 | 0403.8 | 028.7 | 225.2 | 006.0000 | 0096.1 | 044.8 | 53.3 |
| 046.0 | 000.3800 | 0404.0 | 028.7 | 224.6 | 006.0000 | 0096.1 | 044.8 | 53.3 |
| 047.0 | 000.3800 | 0404.0 | 028.7 | 224.0 | 006.0000 | 0096.4 | 044.8 | 53.3 |
| 048.0 | 000.3800 | 0404.0 | 028.7 | 223.3 | 006.0000 | 0096.5 | 044.8 | 53.3 |
| 049.0 | 000.3800 | 0403.8 | 028.7 | 222.7 | 006.0000 | 0096.5 | 044.9 | 53.3 |
| 050.0 | 000.3800 | 0403.7 | 028.7 | 222.1 | 006.0000 | 0096.3 | 044.9 | 53.2 |
| 051.0 | 000.3800 | 0403.5 | 028.7 | 221.4 | 006.0000 | 0096.0 | 045.0 | 53.2 |
| 052.0 | 000.3800 | 0403.3 | 028.7 | 220.8 | 006.0000 | 0096.0 | 045.1 | 53.1 |
| 053.0 | 000.3800 | 0403.3 | 028.7 | 220.2 | 006.0000 | 0095.9 | 045.2 | 53.1 |
| 054.0 | 000.3800 | 0403.8 | 028.7 | 219.6 | 006.0000 | 0095.9 | 045.3 | 53.0 |
| 055.0 | 000.3800 | 0404.5 | 028.7 | 218.9 | 006.0000 | 0095.9 | 045.4 | 53.0 |
| 056.0 | 000.3800 | 0405.3 | 028.8 | 218.3 | 006.0000 | 0096.2 | 045.6 | 53.0 |
| 057.0 | 000.3800 | 0405.9 | 028.8 | 217.7 | 006.0000 | 0096.2 | 045.7 | 52.9 |
| 058.0 | 000.3800 | 0406.2 | 028.8 | 217.1 | 006.0000 | 0096.4 | 045.9 | 52.9 |
| 059.0 | 000.3800 | 0406.4 | 028.8 | 216.5 | 006.0000 | 0096.4 | 046.0 | 52.8 |
| 060.0 | 000.3800 | 0406.6 | 028.8 | 216.0 | 006.0000 | 0096.2 | 046.2 | 52.7 |



1:1,445,313



WKVH.P 220C3 1.5kW 451M AMSL
AP220 220C2 30kW 131M AMSL

EXHIBIT 15-8
EMF - 05/03

Educational Media Foundation

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Exhibit 15-C

Monticello, FL

AP220 vs. WKVH.P

05-21-2003 Educational Media Foundation
30 Sec. Terrain Data

WKVH.P
Channel = 220C3
Max ERP = 1.5 kW
RCAMSL = 451 M
N. Lat = 304013
W. Lng = 835626

AP220 BNPED20000207AAT
Channel = 220C2
Max ERP = 30 kW
RCAMSL = 131 M
N. Lat = 29 47 01
W. Lng = 85 17 23

Protected
60 dBu

Interfering
40 dBu

| Azimuth (degrees) | ERP (kw) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kw) | HAAT (m) | Dist (km) | Actual (dBu) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|
| 203.0 | 001.5000 | 0419.3 | 040.1 | 061.4 | 030.0000 | 0131.0 | 129.8 | 38.8 |
| 204.0 | 001.5000 | 0418.9 | 040.1 | 061.1 | 030.0000 | 0131.0 | 129.4 | 38.9 |
| 205.0 | 001.5000 | 0418.1 | 040.0 | 060.9 | 030.0000 | 0131.0 | 129.0 | 39.0 |
| 206.0 | 001.5000 | 0417.1 | 040.0 | 060.6 | 030.0000 | 0131.0 | 128.7 | 39.0 |
| 207.0 | 001.5000 | 0415.9 | 039.9 | 060.3 | 030.0000 | 0131.0 | 128.3 | 39.1 |
| 208.0 | 001.5000 | 0414.7 | 039.9 | 060.1 | 030.0000 | 0131.0 | 128.0 | 39.2 |
| 209.0 | 001.5000 | 0413.8 | 039.8 | 059.8 | 030.0000 | 0131.0 | 127.6 | 39.2 |
| 210.0 | 001.5000 | 0413.2 | 039.8 | 059.5 | 030.0000 | 0131.0 | 127.3 | 39.3 |
| 211.0 | 001.5000 | 0412.6 | 039.8 | 059.2 | 030.0000 | 0131.0 | 127.0 | 39.3 |
| 212.0 | 001.5000 | 0411.8 | 039.8 | 059.0 | 030.0000 | 0131.0 | 126.7 | 39.4 |
| 213.0 | 001.5000 | 0410.8 | 039.7 | 058.7 | 030.0000 | 0131.0 | 126.4 | 39.5 |
| 214.0 | 001.5000 | 0409.7 | 039.7 | 058.4 | 030.0000 | 0131.0 | 126.2 | 39.5 |
| 215.0 | 001.5000 | 0408.3 | 039.6 | 058.1 | 030.0000 | 0131.0 | 125.9 | 39.5 |
| 216.0 | 001.5000 | 0406.9 | 039.5 | 057.8 | 030.0000 | 0131.0 | 125.7 | 39.6 |
| 217.0 | 001.5000 | 0405.9 | 039.5 | 057.5 | 030.0000 | 0131.0 | 125.5 | 39.6 |
| 218.0 | 001.5000 | 0405.4 | 039.5 | 057.2 | 030.0000 | 0131.0 | 125.3 | 39.7 |
| 219.0 | 001.5000 | 0405.1 | 039.5 | 056.9 | 030.0000 | 0131.0 | 125.1 | 39.7 |
| 220.0 | 001.5000 | 0404.8 | 039.5 | 056.6 | 030.0000 | 0131.0 | 124.9 | 39.7 |
| 221.0 | 001.5000 | 0404.4 | 039.4 | 056.3 | 030.0000 | 0131.0 | 124.7 | 39.8 |
| 222.0 | 001.5000 | 0403.9 | 039.4 | 056.0 | 030.0000 | 0131.0 | 124.5 | 39.8 |
| 223.0 | 001.5000 | 0403.1 | 039.4 | 055.6 | 030.0000 | 0131.0 | 124.4 | 39.8 |
| 224.0 | 001.5000 | 0402.2 | 039.3 | 055.3 | 030.0000 | 0131.0 | 124.3 | 39.8 |
| 225.0 | 001.5000 | 0401.4 | 039.3 | 055.0 | 030.0000 | 0131.0 | 124.2 | 39.9 |
| 226.0 | 001.5000 | 0400.9 | 039.3 | 054.7 | 030.0000 | 0131.0 | 124.1 | 39.9 |
| 227.0 | 001.5000 | 0400.8 | 039.3 | 054.4 | 030.0000 | 0131.0 | 124.0 | 39.9 |
| 228.0 | 001.5000 | 0400.9 | 039.3 | 054.1 | 030.0000 | 0131.0 | 123.9 | 39.9 |
| 229.0 | 001.5000 | 0401.0 | 039.3 | 053.8 | 030.0000 | 0131.0 | 123.8 | 39.9 |
| 230.0 | 001.5000 | 0400.9 | 039.3 | 053.4 | 030.0000 | 0131.0 | 123.8 | 39.9 |
| 231.0 | 001.5000 | 0400.6 | 039.3 | 053.1 | 030.0000 | 0131.0 | 123.8 | 39.9 |
| 232.0 | 001.5000 | 0400.1 | 039.3 | 052.8 | 030.0000 | 0131.0 | 123.7 | 39.9 |
| 233.0 | 001.5000 | 0399.5 | 039.2 | 052.5 | 030.0000 | 0131.0 | 123.8 | 39.9 |
| 234.0 | 001.5000 | 0399.0 | 039.2 | 052.2 | 030.0000 | 0131.0 | 123.8 | 39.9 |
| 235.0 | 001.5000 | 0398.8 | 039.2 | 051.9 | 030.0000 | 0131.0 | 123.8 | 39.9 |
| 236.0 | 001.5000 | 0399.1 | 039.2 | 051.5 | 030.0000 | 0131.0 | 123.8 | 39.9 |
| 237.0 | 001.5000 | 0399.7 | 039.2 | 051.2 | 030.0000 | 0131.0 | 123.9 | 39.9 |
| 238.0 | 001.5000 | 0400.7 | 039.3 | 050.9 | 030.0000 | 0131.0 | 123.9 | 39.9 |
| 239.0 | 001.5000 | 0402.0 | 039.3 | 050.6 | 030.0000 | 0131.0 | 123.9 | 39.9 |
| 240.0 | 001.5000 | 0403.6 | 039.4 | 050.3 | 030.0000 | 0131.0 | 124.0 | 39.9 |
| 241.0 | 001.5000 | 0405.3 | 039.5 | 049.9 | 030.0000 | 0131.0 | 124.0 | 39.9 |
| 242.0 | 001.5000 | 0406.8 | 039.5 | 049.6 | 030.0000 | 0131.0 | 124.1 | 39.9 |
| 243.0 | 001.5000 | 0407.8 | 039.6 | 049.3 | 030.0000 | 0131.0 | 124.2 | 39.9 |
| 244.0 | 001.5000 | 0408.2 | 039.6 | 049.0 | 030.0000 | 0131.0 | 124.3 | 39.8 |
| 245.0 | 001.5000 | 0408.2 | 039.6 | 048.7 | 030.0000 | 0131.0 | 124.5 | 39.8 |

Educational Media Foundation

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Exhibit 15-C

Monticello, FL

AP220 vs. WKVH.P continued

| | | | | | | | | |
|-------|----------|--------|-------|-------|----------|--------|-------|------|
| 246.0 | 001.5000 | 0408.2 | 039.6 | 048.4 | 030.0000 | 0131.0 | 124.7 | 39.8 |
| 247.0 | 001.5000 | 0408.1 | 039.6 | 048.1 | 030.0000 | 0131.0 | 124.9 | 39.7 |
| 248.0 | 001.5000 | 0408.0 | 039.6 | 047.8 | 030.0000 | 0131.0 | 125.1 | 39.7 |
| 249.0 | 001.5000 | 0408.0 | 039.6 | 047.5 | 030.0000 | 0131.0 | 125.4 | 39.6 |
| 250.0 | 001.5000 | 0408.3 | 039.6 | 047.2 | 030.0000 | 0131.0 | 125.6 | 39.6 |
| 251.0 | 001.5000 | 0408.7 | 039.6 | 046.9 | 030.0000 | 0131.0 | 125.9 | 39.6 |
| 252.0 | 001.5000 | 0409.0 | 039.6 | 046.6 | 030.0000 | 0131.0 | 126.2 | 39.5 |
| 253.0 | 001.5000 | 0409.0 | 039.6 | 046.3 | 030.0000 | 0131.0 | 126.5 | 39.4 |
| 254.0 | 001.5000 | 0408.6 | 039.6 | 046.1 | 030.0000 | 0131.0 | 126.8 | 39.4 |
| 255.0 | 001.5000 | 0408.3 | 039.6 | 045.8 | 030.0000 | 0131.0 | 127.1 | 39.3 |
| 256.0 | 001.5000 | 0408.1 | 039.6 | 045.5 | 030.0000 | 0131.0 | 127.5 | 39.3 |
| 257.0 | 001.5000 | 0408.2 | 039.6 | 045.2 | 030.0000 | 0131.0 | 127.8 | 39.2 |
| 258.0 | 001.5000 | 0408.4 | 039.6 | 045.0 | 030.0000 | 0131.0 | 128.2 | 39.1 |
| 259.0 | 001.5000 | 0408.5 | 039.6 | 044.7 | 030.0000 | 0131.0 | 128.5 | 39.1 |
| 260.0 | 001.5000 | 0408.4 | 039.6 | 044.5 | 030.0000 | 0131.0 | 128.9 | 39.0 |
| 261.0 | 001.5000 | 0408.2 | 039.6 | 044.2 | 030.0000 | 0131.0 | 129.3 | 38.9 |
| 262.0 | 001.5000 | 0408.5 | 039.6 | 044.0 | 030.0000 | 0131.0 | 129.7 | 38.8 |
| 263.0 | 001.5000 | 0409.1 | 039.6 | 043.7 | 030.0000 | 0131.0 | 130.1 | 38.8 |

Educational Media Foundation

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Exhibit 15-D

Monticello, FL

WNFK vs. WKVH.P

05-21-2003 Educational Media Foundation
30 Sec. Terrain Data

WKVH.P
Channel = 220C3
Max ERP = 1.5 kw
RCAMSL = 451 M
N. Lat = 304013
W. Lng = 835626

WNFK BLH20020313AAU
Channel = 221A
Max ERP = 6 kw
RCAMSL = 120 M
N. Lat = 30 05 17
W. Lng = 83 29 46

Protected
60 dBu

Interfering
54 dBu

| Azimuth (degrees) | ERP (kw) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kw) | HAAT (m) | Dist (km) | Actual (dBu) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|
| 135.0 | 000.4565 | 0406.5 | 030.1 | 333.8 | 006.0000 | 0100.1 | 048.3 | 52.3 |
| 136.0 | 000.4726 | 0406.7 | 030.4 | 333.3 | 006.0000 | 0100.5 | 047.9 | 52.4 |
| 137.0 | 000.4891 | 0406.6 | 030.6 | 332.7 | 006.0000 | 0100.5 | 047.5 | 52.6 |
| 138.0 | 000.5058 | 0406.3 | 030.9 | 332.2 | 006.0000 | 0101.1 | 047.1 | 52.8 |
| 139.0 | 000.5227 | 0405.8 | 031.1 | 331.6 | 006.0000 | 0101.1 | 046.7 | 52.9 |
| 140.0 | 000.5400 | 0405.3 | 031.3 | 331.0 | 006.0000 | 0101.8 | 046.4 | 53.1 |
| 141.0 | 000.5400 | 0404.9 | 031.3 | 330.4 | 006.0000 | 0102.4 | 046.3 | 53.2 |
| 142.0 | 000.5400 | 0404.8 | 031.3 | 329.7 | 006.0000 | 0102.4 | 046.3 | 53.2 |
| 143.0 | 000.5400 | 0405.1 | 031.3 | 329.0 | 006.0000 | 0102.9 | 046.2 | 53.3 |
| 144.0 | 000.5400 | 0405.4 | 031.4 | 328.3 | 006.0000 | 0103.3 | 046.1 | 53.3 |
| 145.0 | 000.5400 | 0405.8 | 031.4 | 327.7 | 006.0000 | 0103.3 | 046.1 | 53.3 |
| 146.0 | 000.5400 | 0406.1 | 031.4 | 327.0 | 006.0000 | 0103.8 | 046.1 | 53.4 |
| 147.0 | 000.5400 | 0406.3 | 031.4 | 326.3 | 006.0000 | 0104.3 | 046.0 | 53.4 |
| 148.0 | 000.5400 | 0406.4 | 031.4 | 325.6 | 006.0000 | 0104.3 | 046.1 | 53.4 |
| 149.0 | 000.5400 | 0406.3 | 031.4 | 324.9 | 006.0000 | 0104.9 | 046.1 | 53.5 |
| 150.0 | 000.5400 | 0406.3 | 031.4 | 324.3 | 006.0000 | 0105.6 | 046.1 | 53.5 |
| 151.0 | 000.5488 | 0406.7 | 031.5 | 323.6 | 006.0000 | 0105.6 | 046.1 | 53.5 |
| 152.0 | 000.5576 | 0407.5 | 031.7 | 322.9 | 006.0000 | 0106.2 | 046.0 | 53.6 |
| 153.0 | 000.5665 | 0408.5 | 031.8 | 322.2 | 006.0000 | 0106.6 | 045.9 | 53.6 |
| 154.0 | 000.5755 | 0409.8 | 032.0 | 321.4 | 006.0000 | 0106.9 | 045.9 | 53.7 |
| 155.0 | 000.5846 | 0411.1 | 032.2 | 320.7 | 006.0000 | 0106.9 | 045.8 | 53.7 |
| 156.0 | 000.5937 | 0412.4 | 032.4 | 320.0 | 006.0000 | 0107.0 | 045.8 | 53.7 |
| 157.0 | 000.6029 | 0413.7 | 032.5 | 319.2 | 006.0000 | 0107.1 | 045.8 | 53.7 |
| 158.0 | 000.6122 | 0414.9 | 032.7 | 318.5 | 006.0000 | 0107.2 | 045.9 | 53.7 |
| 159.0 | 000.6215 | 0415.8 | 032.9 | 317.8 | 006.0000 | 0107.2 | 045.9 | 53.7 |
| 160.0 | 000.6310 | 0416.3 | 033.0 | 317.0 | 006.0000 | 0107.2 | 046.0 | 53.7 |
| 161.0 | 000.6550 | 0416.7 | 033.3 | 316.2 | 006.0000 | 0107.3 | 046.0 | 53.7 |
| 162.0 | 000.6794 | 0417.0 | 033.6 | 315.4 | 006.0000 | 0107.3 | 045.9 | 53.7 |
| 163.0 | 000.7043 | 0417.0 | 033.9 | 314.6 | 006.0000 | 0107.3 | 046.0 | 53.7 |
| 164.0 | 000.7297 | 0416.8 | 034.2 | 313.8 | 006.0000 | 0107.3 | 046.0 | 53.7 |
| 165.0 | 000.7555 | 0416.4 | 034.4 | 313.0 | 006.0000 | 0107.3 | 046.1 | 53.6 |
| 166.0 | 000.7818 | 0415.3 | 034.7 | 312.2 | 006.0000 | 0107.2 | 046.2 | 53.6 |
| 167.0 | 000.8085 | 0413.7 | 034.9 | 311.4 | 006.0000 | 0107.3 | 046.4 | 53.5 |
| 168.0 | 000.8356 | 0411.9 | 035.1 | 310.7 | 006.0000 | 0107.3 | 046.6 | 53.4 |
| 169.0 | 000.8632 | 0410.6 | 035.3 | 309.9 | 006.0000 | 0107.4 | 046.9 | 53.3 |
| 170.0 | 000.8913 | 0409.8 | 035.5 | 309.2 | 006.0000 | 0107.7 | 047.1 | 53.3 |
| 171.0 | 000.9380 | 0409.2 | 035.9 | 308.3 | 006.0000 | 0108.2 | 047.2 | 53.2 |
| 172.0 | 000.9859 | 0408.5 | 036.2 | 307.4 | 006.0000 | 0108.7 | 047.4 | 53.2 |
| 173.0 | 001.0351 | 0408.0 | 036.6 | 306.6 | 006.0000 | 0108.7 | 047.6 | 53.1 |
| 174.0 | 001.0854 | 0407.5 | 037.0 | 305.7 | 006.0000 | 0109.1 | 047.8 | 53.1 |
| 175.0 | 001.1370 | 0407.3 | 037.3 | 304.9 | 006.0000 | 0109.4 | 048.1 | 53.0 |
| 176.0 | 001.1897 | 0407.5 | 037.7 | 304.1 | 006.0000 | 0109.5 | 048.4 | 52.9 |
| 177.0 | 001.2436 | 0407.3 | 038.0 | 303.3 | 006.0000 | 0109.7 | 048.7 | 52.8 |

Educational Media Foundation

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Exhibit 15-D

Monticello, FL

WKVH.P vs. WNFK

05-21-2003 30 Sec. Terrain Data Educational Media Foundation

WNFK BLH20020313AAU
Channel = 221A
Max ERP = 6 kw
RCAMSL = 120 M
N. Lat = 30 05 17
W. Lng = 83 29 46

WKVH.P
Channel = 220C3
Max ERP = 1.5 kw
RCAMSL = 451 M
N. Lat = 30 40 13
W. Lng = 83 56 26

Protected
60 dBu

Interfering
54 dBu

| Azimuth (degrees) | ERP (kw) | HAAT (m) | Dist (km) | Azimuth (degrees) | ERP (kw) | HAAT (m) | Dist (km) | Actual (dBu) |
|----------------------|-------------|-------------|--------------|----------------------|-------------|-------------|--------------|-----------------|
| 290.0 | 006.0000 | 0109.7 | 029.5 | 164.7 | 000.7472 | 0416.4 | 056.5 | 52.5 |
| 291.0 | 006.0000 | 0109.7 | 029.5 | 164.4 | 000.7393 | 0416.8 | 056.0 | 52.7 |
| 292.0 | 006.0000 | 0109.7 | 029.5 | 164.1 | 000.7311 | 0416.8 | 055.6 | 52.8 |
| 293.0 | 006.0000 | 0109.8 | 029.5 | 163.7 | 000.7230 | 0416.8 | 055.2 | 52.9 |
| 294.0 | 006.0000 | 0109.9 | 029.6 | 163.4 | 000.7146 | 0417.0 | 054.8 | 53.0 |
| 295.0 | 006.0000 | 0110.1 | 029.6 | 163.1 | 000.7060 | 0417.0 | 054.4 | 53.1 |
| 296.0 | 006.0000 | 0110.2 | 029.6 | 162.7 | 000.6971 | 0417.0 | 054.0 | 53.2 |
| 297.0 | 006.0000 | 0110.4 | 029.6 | 162.3 | 000.6879 | 0417.0 | 053.6 | 53.3 |
| 298.0 | 006.0000 | 0110.4 | 029.6 | 162.0 | 000.6784 | 0417.0 | 053.3 | 53.4 |
| 299.0 | 006.0000 | 0110.4 | 029.6 | 161.6 | 000.6684 | 0417.0 | 052.9 | 53.4 |
| 300.0 | 006.0000 | 0110.3 | 029.6 | 161.1 | 000.6580 | 0416.7 | 052.6 | 53.5 |
| 301.0 | 006.0000 | 0110.2 | 029.6 | 160.7 | 000.6473 | 0416.7 | 052.3 | 53.5 |
| 302.0 | 006.0000 | 0110.0 | 029.6 | 160.2 | 000.6364 | 0416.3 | 052.0 | 53.6 |
| 303.0 | 006.0000 | 0109.7 | 029.5 | 159.8 | 000.6287 | 0416.3 | 051.7 | 53.6 |
| 304.0 | 006.0000 | 0109.5 | 029.5 | 159.3 | 000.6242 | 0415.8 | 051.4 | 53.7 |
| 305.0 | 006.0000 | 0109.4 | 029.5 | 158.8 | 000.6196 | 0415.8 | 051.1 | 53.8 |
| 306.0 | 006.0000 | 0109.1 | 029.5 | 158.3 | 000.6149 | 0414.9 | 050.8 | 53.8 |
| 307.0 | 006.0000 | 0108.7 | 029.4 | 157.8 | 000.6100 | 0414.9 | 050.6 | 53.8 |
| 308.0 | 006.0000 | 0108.2 | 029.4 | 157.2 | 000.6051 | 0413.7 | 050.4 | 53.9 |
| 309.0 | 006.0000 | 0107.7 | 029.3 | 156.7 | 000.6001 | 0413.7 | 050.2 | 53.9 |
| 310.0 | 006.0000 | 0107.4 | 029.3 | 156.1 | 000.5951 | 0412.4 | 050.0 | 53.9 |
| 311.0 | 006.0000 | 0107.3 | 029.2 | 155.6 | 000.5902 | 0412.4 | 049.8 | 53.9 |
| 312.0 | 006.0000 | 0107.2 | 029.2 | 155.1 | 000.5853 | 0411.1 | 049.6 | 54.0 |
| 313.0 | 006.0000 | 0107.3 | 029.2 | 154.5 | 000.5803 | 0411.1 | 049.4 | 54.0 |
| 314.0 | 006.0000 | 0107.3 | 029.2 | 154.0 | 000.5753 | 0409.8 | 049.2 | 54.0 |
| 315.0 | 006.0000 | 0107.3 | 029.2 | 153.4 | 000.5703 | 0408.5 | 049.1 | 54.0 |
| 316.0 | 006.0000 | 0107.3 | 029.2 | 152.9 | 000.5652 | 0408.5 | 048.9 | 54.0 |
| 317.0 | 006.0000 | 0107.2 | 029.2 | 152.3 | 000.5601 | 0407.5 | 048.8 | 54.0 |
| 318.0 | 006.0000 | 0107.2 | 029.2 | 151.7 | 000.5549 | 0407.5 | 048.7 | 54.0 |
| 319.0 | 006.0000 | 0107.1 | 029.2 | 151.1 | 000.5497 | 0406.7 | 048.6 | 54.0 |
| 320.0 | 006.0000 | 0107.0 | 029.2 | 150.5 | 000.5445 | 0406.7 | 048.5 | 54.0 |
| 321.0 | 006.0000 | 0106.9 | 029.2 | 149.9 | 000.5400 | 0406.3 | 048.4 | 53.9 |
| 322.0 | 006.0000 | 0106.6 | 029.2 | 149.3 | 000.5400 | 0406.3 | 048.4 | 54.0 |
| 323.0 | 006.0000 | 0106.2 | 029.1 | 148.7 | 000.5400 | 0406.3 | 048.4 | 54.0 |
| 324.0 | 006.0000 | 0105.6 | 029.0 | 148.1 | 000.5400 | 0406.4 | 048.4 | 53.9 |
| 325.0 | 006.0000 | 0104.9 | 028.9 | 147.5 | 000.5400 | 0406.4 | 048.5 | 53.9 |
| 326.0 | 006.0000 | 0104.3 | 028.9 | 146.9 | 000.5400 | 0406.3 | 048.5 | 53.9 |
| 327.0 | 006.0000 | 0103.8 | 028.8 | 146.3 | 000.5400 | 0406.1 | 048.6 | 53.9 |
| 328.0 | 006.0000 | 0103.3 | 028.7 | 145.7 | 000.5400 | 0406.1 | 048.7 | 53.8 |
| 329.0 | 006.0000 | 0102.9 | 028.7 | 145.1 | 000.5400 | 0405.8 | 048.7 | 53.8 |
| 330.0 | 006.0000 | 0102.4 | 028.6 | 144.6 | 000.5400 | 0405.8 | 048.8 | 53.8 |
| 331.0 | 006.0000 | 0101.8 | 028.5 | 144.0 | 000.5400 | 0405.4 | 049.0 | 53.7 |
| 332.0 | 006.0000 | 0101.1 | 028.4 | 143.4 | 000.5400 | 0405.1 | 049.1 | 53.6 |
| 333.0 | 006.0000 | 0100.5 | 028.4 | 142.9 | 000.5400 | 0405.1 | 049.3 | 53.6 |
| 334.0 | 006.0000 | 0100.1 | 028.3 | 142.3 | 000.5400 | 0404.8 | 049.4 | 53.5 |
| 335.0 | 006.0000 | 0099.8 | 028.3 | 141.8 | 000.5400 | 0404.8 | 049.6 | 53.5 |

Educational Media Foundation

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Exhibit 15-D

Monticello, FL

WKVH.P vs. WNFK continued

| | | | | | | | | |
|-------|----------|--------|-------|-------|----------|--------|-------|------|
| 336.0 | 006.0000 | 0099.6 | 028.2 | 141.2 | 000.5400 | 0404.9 | 049.7 | 53.4 |
| 337.0 | 006.0000 | 0099.3 | 028.2 | 140.7 | 000.5400 | 0404.9 | 049.9 | 53.3 |
| 338.0 | 006.0000 | 0099.0 | 028.2 | 140.2 | 000.5400 | 0405.3 | 050.1 | 53.3 |
| 339.0 | 006.0000 | 0098.6 | 028.1 | 139.7 | 000.5341 | 0405.3 | 050.3 | 53.2 |
| 340.0 | 006.0000 | 0098.2 | 028.1 | 139.2 | 000.5254 | 0405.8 | 050.5 | 53.0 |
| 341.0 | 006.0000 | 0097.9 | 028.0 | 138.7 | 000.5169 | 0405.8 | 050.7 | 52.9 |
| 342.0 | 006.0000 | 0097.8 | 028.0 | 138.2 | 000.5084 | 0406.3 | 050.9 | 52.7 |
| 343.0 | 006.0000 | 0097.8 | 028.0 | 137.7 | 000.5000 | 0406.3 | 051.1 | 52.6 |
| 344.0 | 006.0000 | 0097.9 | 028.0 | 137.2 | 000.4917 | 0406.6 | 051.3 | 52.4 |
| 345.0 | 006.0000 | 0097.9 | 028.0 | 136.7 | 000.4837 | 0406.6 | 051.6 | 52.3 |