

EXHIBITS 14 & 15
INTERFERENCE
KFMZ, BROOKFIELD, MISSOURI
1210 kHz 5 kW D/0.05 kW N DA-2
OCTOBER 2005

Section 73.37

Groundwave

The proposed daytime operation of KFMZ does not involve prohibited contour overlap with any other existing or proposed AM stations on co-channel (1210 kHz) as well as \pm three channels of 1210 kHz (see attached map, Figure 3). This determination has been made based on the FCC M-3 estimated ground conductivities.

The values of conductivity, azimuths and inverse distance field strengths, used as a basis for various contours for the prohibited overlap studies are shown on the attached tables.

Section 73.182

Skywave

The proposed nighttime directional secondary operation of KFMZ with 50 watts does not cause harmful interference to any existing or proposed AM stations as computed according to Section 73.182 of the Commission's rules (see attached tabulations).

EXHIBITS 14 & 15
INTERFERENCE
KFMZ, BROOKFIELD, MISSOURI
1210 kHz, 5 kW D/0.05N DA-2
OCTOBER 2005

Station KFMZ

Latitude: 39-50-26 N

Longitude: 093-04-52 W

Conductivity Database Used: US M3

| Ground Conductivity Data: | | | | | | | |
|--|---|--------|-------|--------|-------|--------|--------------|
| Region conductivity in mS/m followed by distance in km | | | | | | | |
| Azimuth | to the end of region. E - map data; M - measurement data. | | | | | | |
| 0.0 | 15.0E | 526.7 | 4.0E | 684.7 | 8.0E | 974.5 | 2.0E 1199.9 |
| 5.0 | 15.0E | 411.9 | 8.0E | 528.4 | 4.0E | 694.0 | 8.0E 938.1 |
| | 2.0E | 1300.0 | | | | | 2.0E 1182.0 |
| 10.0 | 15.0E | 293.9 | 8.0E | 537.6 | 4.0E | 746.3 | 8.0E 948.9 |
| | 2.0E | 1300.0 | | | | | 2.0E 1177.2 |
| 15.0 | 15.0E | 286.1 | 8.0E | 441.0 | 4.0E | 776.9 | 8.0E 945.4 |
| | 2.0E | 1300.0 | | | | | 2.0E 1188.9 |
| 20.0 | 15.0E | 273.0 | 8.0E | 364.1 | 4.0E | 839.0 | 8.0E 1056.1 |
| | 8.0E | 1090.2 | 2.0E | 1211.9 | 2.0E | 1300.0 | 2.0E 1057.2 |
| 25.0 | 15.0E | 207.0 | 8.0E | 344.6 | 4.0E | 874.4 | 8.0E 879.5 |
| | 8.0E | 939.1 | 4.0E | 948.3 | 8.0E | 1115.8 | 4.0E 884.5 |
| 30.0 | 15.0E | 184.9 | 8.0E | 343.5 | 4.0E | 874.5 | 2.0E 1252.4 |
| | 6.0E | 1300.0 | | | | | 2.0E 1297.9 |
| 35.0 | 15.0E | 175.5 | 8.0E | 1073.1 | 2.0E | 1300.0 | |
| 40.0 | 15.0E | 175.6 | 8.0E | 584.3 | 15.0E | 664.5 | 8.0E 1010.3 |
| 45.0 | 15.0E | 179.1 | 8.0E | 565.0 | 15.0E | 603.8 | 2.0E 1300.0 |
| | 8.0E | 1038.3 | 10.0E | 1062.8 | 2.0E | 1300.0 | 8.0E 767.2 |
| 50.0 | 15.0E | 186.7 | 8.0E | 528.4 | 15.0E | 556.1 | 2.0E 805.5 |
| | 8.0E | 1038.4 | 10.0E | 1090.0 | 4.0E | 1132.6 | 8.0E 686.7 |
| 55.0 | 15.0E | 191.1 | 8.0E | 497.8 | 15.0E | 528.3 | 2.0E 815.6 |
| | 8.0E | 1036.9 | 10.0E | 1112.1 | 4.0E | 1128.8 | 10.0E 1158.1 |
| | 1.0E | 1300.0 | | | | | 2.0E 1300.0 |
| 60.0 | 15.0E | 195.6 | 8.0E | 645.9 | 2.0E | 692.3 | 8.0E 673.5 |
| | 8.0E | 1006.3 | 10.0E | 1044.7 | 6.0E | 1115.3 | 2.0E 720.1 |
| | 4.0E | 1245.6 | 6.0E | 1263.9 | 1.0E | 1300.0 | 10.0E 1210.0 |
| 65.0 | 15.0E | 199.4 | 8.0E | 429.1 | 15.0E | 502.4 | 8.0E 1292.6 |
| | 8.0E | 892.8 | 15.0E | 953.4 | 20.0E | 1029.6 | 8.0E 901.7 |
| | 10.0E | 1187.1 | 6.0E | 1221.5 | 15.0E | 1300.0 | 15.0E 968.8 |
| 70.0 | 15.0E | 201.5 | 8.0E | 364.1 | 15.0E | 460.1 | 4.0E 1182.9 |
| | 8.0E | 692.0 | 4.0E | 755.6 | 8.0E | 872.7 | 10.0E 1162.6 |
| | 4.0E | 1109.9 | 10.0E | 1196.7 | 8.0E | 1261.2 | 2.0E 748.8 |
| 75.0 | 15.0E | 200.6 | 8.0E | 308.4 | 15.0E | 431.7 | 6.0E 1096.3 |
| | 8.0E | 878.8 | 15.0E | 889.2 | 8.0E | 1139.6 | 4.0E 1162.6 |
| | 4.0E | 1300.0 | | | | | 2.0E 1180.0 |
| 80.0 | 15.0E | 191.5 | 8.0E | 273.5 | 15.0E | 409.5 | 8.0E 614.4 |
| | 8.0E | 786.2 | 15.0E | 868.9 | 8.0E | 1082.2 | 15.0E 752.0 |
| 85.0 | 15.0E | 168.7 | 8.0E | 256.8 | 15.0E | 396.4 | 4.0E 1146.8 |
| | 8.0E | 979.9 | 4.0E | 1285.6 | 2.0E | 1300.0 | 2.0E 1300.0 |
| 90.0 | 15.0E | 140.1 | 8.0E | 244.5 | 15.0E | 386.5 | 8.0E 567.7 |
| | 4.0E | 1176.8 | 2.0E | 1300.0 | | | 15.0E 627.2 |
| 95.0 | 15.0E | 122.8 | 8.0E | 235.0 | 15.0E | 378.3 | 8.0E 874.6 |
| 100.0 | 15.0E | 115.2 | 8.0E | 229.2 | 15.0E | 369.9 | 2.0E 1080.4 |
| | 4.0E | 1238.7 | 2.0E | 1300.0 | | | 8.0E 823.6 |
| 105.0 | 15.0E | 113.1 | 8.0E | 225.8 | 15.0E | 360.3 | 2.0E 1300.0 |
| | 8.0E | 840.3 | 2.0E | 992.7 | 4.0E | 1068.1 | 2.0E 1227.3 |
| 110.0 | 15.0E | 112.4 | 8.0E | 223.9 | 15.0E | 353.3 | 8.0E 601.1 |
| | 2.0E | 936.2 | 4.0E | 1008.9 | 2.0E | 1195.4 | 4.0E 780.9 |
| 115.0 | 15.0E | 112.7 | 8.0E | 224.3 | 15.0E | 345.2 | 2.0E 1224.2 |
| | 2.0E | 1168.4 | 4.0E | 1234.4 | 2.0E | 1310.9 | 4.0E 782.8 |
| 120.0 | 15.0E | 112.8 | 8.0E | 227.6 | 15.0E | 339.0 | 4.0E 1268.1 |
| | | | | | | | 2.0E 1300.0 |
| | | | | | | | 4.0E 797.6 |
| | | | | | | | 4.0E 821.2 |

| | | | | | | | | | | |
|-------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|
| | 2.0E | 1081.1 | 4.0E | 1208.5 | 2.0E | 1256.0 | 4.0E | 1300.0 | | |
| 125.0 | 15.0E | 113.7 | 8.0E | 237.6 | 15.0E | 335.2 | 8.0E | 580.2 | 4.0E | 803.7 |
| | 2.0E | 873.6 | 4.0E | 948.5 | 2.0E | 1012.6 | 1.0E | 1021.9 | 2.0E | 1052.8 |
| | 4.0E | 1207.3 | 2.0E | 1263.6 | 4.0E | 1300.0 | | | | |
| 130.0 | 15.0E | 114.9 | 8.0E | 466.8 | 4.0E | 800.1 | 2.0E | 887.3 | 4.0E | 934.3 |
| | 2.0E | 1046.9 | 1.0E | 1084.0 | 4.0E | 1300.0 | | | | |
| 135.0 | 15.0E | 115.9 | 8.0E | 488.0 | 4.0E | 805.6 | 2.0E | 892.2 | 4.0E | 938.3 |
| | 2.0E | 1057.6 | 4.0E | 1270.1 | 2.0E | 1300.0 | | | | |
| 140.0 | 15.0E | 117.7 | 8.0E | 525.9 | 4.0E | 1043.1 | 8.0E | 1070.1 | 4.0E | 1265.6 |
| | 2.0E | 1300.0 | | | | | | | | |
| 145.0 | 15.0E | 119.9 | 8.0E | 613.0 | 4.0E | 743.0 | 2.0E | 958.7 | 4.0E | 1000.1 |
| | 8.0E | 1130.1 | 4.0E | 1176.4 | 1.0E | 1287.2 | 5000.0E | 1288.7 | 1.0E | 1300.0 |
| 150.0 | 15.0E | 122.6 | 8.0E | 732.2 | 2.0E | 1039.1 | 8.0E | 1082.2 | 1.0E | 1167.2 |
| | 5000.0E | 1169.8 | 1.0E | 1182.0 | 5000.0E | 1183.2 | 1.0E | 1189.9 | 5000.0E | 1300.0 |
| 155.0 | 15.0E | 126.3 | 8.0E | 790.8 | 2.0E | 899.0 | 4.0E | 933.0 | 2.0E | 1134.2 |
| | 5000.0E | 1162.6 | 2.0E | 1163.9 | 5000.0E | 1300.0 | | | | |
| 160.0 | 15.0E | 130.5 | 8.0E | 871.2 | 4.0E | 1032.8 | 2.0E | 1114.1 | 5000.0E | 1300.0 |
| 165.0 | 15.0E | 135.5 | 8.0E | 968.5 | 4.0E | 1080.9 | 15.0E | 1084.2 | 5000.0E | 1122.8 |
| | 15.0E | 1183.6 | 5000.0E | 1186.2 | 15.0E | 1188.7 | 5000.0E | 1300.0 | | |
| 170.0 | 15.0E | 142.1 | 8.0E | 548.1 | 4.0E | 730.3 | 8.0E | 1095.7 | 15.0E | 1184.1 |
| | 5000.0E | 1300.0 | | | | | | | | |
| 175.0 | 15.0E | 150.5 | 8.0E | 523.6 | 4.0E | 946.0 | 8.0E | 1043.3 | 15.0E | 1051.2 |
| | 8.0E | 1086.9 | 15.0E | 1124.8 | 5000.0E | 1138.9 | 15.0E | 1143.8 | 5000.0E | 1300.0 |
| 180.0 | 15.0E | 161.3 | 8.0E | 506.2 | 4.0E | 757.0 | 15.0E | 1011.6 | 8.0E | 1077.2 |
| | 30.0E | 1121.8 | 5000.0E | 1300.0 | | | | | | |
| 185.0 | 15.0E | 175.2 | 8.0E | 491.7 | 15.0E | 543.8 | 4.0E | 747.1 | 8.0E | 776.2 |
| | 15.0E | 807.5 | 8.0E | 1083.6 | 30.0E | 1136.9 | 5000.0E | 1300.0 | | |
| 190.0 | 15.0E | 193.4 | 8.0E | 492.6 | 15.0E | 649.0 | 4.0E | 739.1 | 8.0E | 903.6 |
| | 4.0E | 958.4 | 8.0E | 1090.2 | 30.0E | 1097.6 | 15.0E | 1128.9 | 30.0E | 1225.8 |
| | 5000.0E | 1300.0 | | | | | | | | |
| 195.0 | 15.0E | 228.8 | 8.0E | 515.6 | 15.0E | 654.7 | 4.0E | 754.7 | 8.0E | 910.0 |
| | 4.0E | 1107.9 | 15.0E | 1193.1 | 30.0E | 1283.6 | 5000.0E | 1295.7 | 30.0E | 1300.0 |
| 200.0 | 15.0E | 298.8 | 8.0E | 514.9 | 15.0E | 709.2 | 30.0E | 914.3 | 15.0E | 1028.8 |
| | 30.0E | 1037.6 | 15.0E | 1300.0 | | | | | | |
| 205.0 | 15.0E | 393.4 | 8.0E | 463.3 | 15.0E | 753.8 | 30.0E | 851.4 | 15.0E | 1049.3 |
| | 8.0E | 1244.2 | 15.0E | 1300.0 | | | | | | |
| 210.0 | 15.0E | 682.2 | 30.0E | 806.1 | 15.0E | 1050.7 | 8.0E | 1300.0 | | |
| 215.0 | 15.0E | 359.5 | 30.0E | 462.4 | 8.0E | 581.6 | 15.0E | 627.4 | 30.0E | 851.2 |
| | 15.0E | 1038.7 | 8.0E | 1300.0 | | | | | | |
| 220.0 | 15.0E | 332.2 | 30.0E | 480.0 | 8.0E | 555.5 | 30.0E | 578.7 | 15.0E | 620.2 |
| | 30.0E | 642.3 | 15.0E | 681.0 | 30.0E | 761.0 | 15.0E | 807.2 | 30.0E | 965.8 |
| | 8.0E | 1300.0 | | | | | | | | |
| 225.0 | 15.0E | 304.5 | 30.0E | 660.3 | 15.0E | 829.0 | 30.0E | 1047.6 | 15.0E | 1190.6 |
| | 8.0E | 1300.0 | | | | | | | | |
| 230.0 | 15.0E | 281.3 | 30.0E | 654.3 | 15.0E | 846.2 | 30.0E | 945.1 | 15.0E | 1203.9 |
| | 8.0E | 1300.0 | | | | | | | | |
| 235.0 | 15.0E | 263.2 | 30.0E | 654.6 | 15.0E | 850.9 | 30.0E | 1025.7 | 15.0E | 1233.7 |
| | 8.0E | 1300.0 | | | | | | | | |
| 240.0 | 15.0E | 249.1 | 30.0E | 665.1 | 15.0E | 709.7 | 30.0E | 999.4 | 15.0E | 1220.3 |
| | 8.0E | 1280.5 | 4.0E | 1300.0 | | | | | | |
| 245.0 | 15.0E | 235.4 | 30.0E | 885.1 | 15.0E | 1161.3 | 8.0E | 1245.7 | 15.0E | 1300.0 |
| 250.0 | 15.0E | 222.2 | 30.0E | 787.4 | 15.0E | 1169.1 | 2.0E | 1211.1 | 15.0E | 1300.0 |
| 255.0 | 15.0E | 210.4 | 30.0E | 660.8 | 15.0E | 1067.6 | 2.0E | 1182.9 | 4.0E | 1264.5 |
| | 15.0E | 1300.0 | | | | | | | | |
| 260.0 | 15.0E | 200.6 | 30.0E | 665.1 | 15.0E | 1049.9 | 2.0E | 1107.2 | 4.0E | 1169.4 |
| | 2.0E | 1221.6 | 4.0E | 1300.0 | | | | | | |
| 265.0 | 15.0E | 192.6 | 30.0E | 310.1 | 15.0E | 453.0 | 30.0E | 661.6 | 15.0E | 1059.5 |
| | 8.0E | 1110.0 | 4.0E | 1126.4 | 2.0E | 1280.7 | 4.0E | 1300.0 | | |
| 270.0 | 15.0E | 186.0 | 30.0E | 258.5 | 15.0E | 464.5 | 30.0E | 656.6 | 15.0E | 1057.9 |
| | 8.0E | 1122.3 | 2.0E | 1230.0 | 8.0E | 1283.6 | 15.0E | 1300.0 | | |
| 275.0 | 15.0E | 181.2 | 30.0E | 240.2 | 15.0E | 460.7 | 30.0E | 656.5 | 15.0E | 907.9 |
| | 8.0E | 1115.2 | 2.0E | 1239.9 | 8.0E | 1300.0 | | | | |
| 280.0 | 15.0E | 177.4 | 30.0E | 235.7 | 15.0E | 460.4 | 30.0E | 661.5 | 15.0E | 830.8 |
| | 8.0E | 1094.7 | 2.0E | 1213.3 | 8.0E | 1240.8 | 15.0E | 1300.0 | | |
| 285.0 | 15.0E | 174.9 | 30.0E | 235.5 | 15.0E | 330.7 | 30.0E | 433.8 | 15.0E | 465.5 |
| | 30.0E | 665.0 | 4.0E | 767.8 | 8.0E | 1063.3 | 15.0E | 1132.8 | 2.0E | 1149.7 |
| | 15.0E | 1300.0 | | | | | | | | |
| 290.0 | 15.0E | 173.7 | 30.0E | 239.0 | 15.0E | 296.8 | 30.0E | 426.8 | 15.0E | 475.1 |
| | 30.0E | 621.4 | 4.0E | 853.9 | 8.0E | 1065.7 | 15.0E | 1300.0 | | |
| 295.0 | 15.0E | 173.9 | 30.0E | 244.3 | 15.0E | 287.2 | 30.0E | 402.8 | 15.0E | 491.5 |
| | 30.0E | 550.3 | 4.0E | 848.6 | 8.0E | 883.1 | 15.0E | 993.8 | 8.0E | 1015.0 |

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| | | | | | | | | | | |
|-------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| | 15.0E | 1209.1 | 8.0E | 1300.0 | | | | | | |
| 300.0 | 15.0E | 176.9 | 30.0E | 247.5 | 15.0E | 482.7 | 4.0E | 787.1 | 8.0E | 913.1 |
| | 15.0E | 948.5 | 8.0E | 1300.0 | | | | | | |
| 305.0 | 15.0E | 185.3 | 30.0E | 243.7 | 15.0E | 515.1 | 8.0E | 715.9 | 15.0E | 781.0 |
| | 8.0E | 878.8 | 15.0E | 1145.1 | 8.0E | 1300.0 | | | | |
| 310.0 | 15.0E | 209.7 | 30.0E | 223.4 | 15.0E | 520.3 | 30.0E | 649.0 | 15.0E | 917.2 |
| | 8.0E | 1300.0 | | | | | | | | |
| 315.0 | 15.0E | 486.7 | 30.0E | 817.8 | 15.0E | 892.2 | 8.0E | 1300.0 | | |
| 320.0 | 15.0E | 443.5 | 30.0E | 886.3 | 15.0E | 888.0 | 8.0E | 1259.0 | 30.0E | 1300.0 |
| 325.0 | 15.0E | 694.9 | 30.0E | 1297.9 | 40.0E | 1300.0 | | | | |
| 330.0 | 15.0E | 793.4 | 30.0E | 1210.5 | 40.0E | 1300.0 | | | | |
| 335.0 | 15.0E | 369.6 | 30.0E | 502.0 | 15.0E | 807.2 | 30.0E | 1144.7 | 40.0E | 1300.0 |
| 340.0 | 15.0E | 350.6 | 30.0E | 533.7 | 8.0E | 537.1 | 15.0E | 691.6 | 30.0E | 904.5 |
| | 15.0E | 972.8 | 30.0E | 1095.8 | 40.0E | 1302.2 | | | | |
| 345.0 | 15.0E | 351.7 | 30.0E | 493.5 | 8.0E | 583.5 | 4.0E | 907.0 | 8.0E | 936.3 |
| | 30.0E | 1059.9 | 40.0E | 1212.7 | 20.0E | 1300.0 | | | | |
| 350.0 | 15.0E | 406.7 | 30.0E | 461.4 | 15.0E | 473.9 | 8.0E | 533.3 | 4.0E | 895.3 |
| | 8.0E | 1036.1 | 20.0E | 1215.2 | 2.0E | 1286.9 | 10.0E | 1296.8 | 2.0E | 1316.7 |
| 355.0 | 15.0E | 530.8 | 4.0E | 817.6 | 8.0E | 983.2 | 20.0E | 1030.7 | 2.0E | 1241.3 |
| | 2.0E | 1300.0 | | | | | | | | |

EXHIBITS 14 &15
INTERFERENCE
KFMZ, BROOKFIELD, MISSOURI
1210 kHz, 5 kW D/0.05N DA-2
OCTOBER 2005

BROOKFIELD

,MO

Call: KFMZ

Coordinates: N 39 50 26 W 93 4 52

Frequency: 1210 kHz Number of contours: 5

| Azimuth | Radiation (mV/m at one km) | Distances to Contours in Kilometers : | | | | |
|---------|----------------------------------|---------------------------------------|--------|--------|-------|--------|
| | | Contour levels in mV/m. | | | | |
| | | .025 | .500 | .250 | 5.000 | 25.000 |
| 0.0 | 752.29 | 327.50 | 124.32 | 160.19 | 47.00 | 18.28 |
| 5.0 | 728.41 | 324.80 | 122.82 | 158.36 | 46.25 | 17.88 |
| 10.0 | 702.57 | 318.97 | 121.16 | 156.34 | 45.43 | 17.43 |
| 15.0 | 675.27 | 314.96 | 119.36 | 154.12 | 44.52 | 16.96 |
| 20.0 | 647.11 | 310.24 | 117.46 | 151.77 | 43.56 | 16.45 |
| 25.0 | 618.73 | 297.67 | 115.48 | 149.32 | 42.57 | 15.94 |
| 30.0 | 590.80 | 290.55 | 113.46 | 146.85 | 41.57 | 15.42 |
| 35.0 | 563.96 | 285.50 | 111.46 | 144.40 | 40.56 | 14.91 |
| 40.0 | 538.84 | 282.20 | 109.54 | 142.00 | 39.61 | 14.42 |
| 45.0 | 515.92 | 279.62 | 107.73 | 139.75 | 38.69 | 13.97 |
| 50.0 | 495.60 | 278.04 | 106.06 | 137.71 | 37.87 | 13.56 |
| 55.0 | 478.11 | 276.22 | 104.59 | 135.90 | 37.14 | 13.20 |
| 60.0 | 463.50 | 274.76 | 103.34 | 134.36 | 36.52 | 12.90 |
| 65.0 | 451.71 | 273.57 | 102.31 | 133.09 | 36.00 | 12.65 |
| 70.0 | 442.52 | 272.45 | 101.50 | 132.08 | 35.59 | 12.45 |
| 75.0 | 435.62 | 271.17 | 100.89 | 131.31 | 35.29 | 12.31 |
| 80.0 | 430.71 | 268.86 | 100.44 | 130.76 | 35.07 | 12.20 |
| 85.0 | 427.46 | 265.22 | 100.15 | 130.39 | 34.92 | 12.13 |
| 90.0 | 425.62 | 260.13 | 99.98 | 130.18 | 34.84 | 12.09 |
| 95.0 | 425.02 | 256.90 | 99.92 | 128.43 | 34.81 | 12.08 |
| 100.0 | 425.62 | 255.82 | 99.98 | 126.67 | 34.84 | 12.09 |
| 105.0 | 427.46 | 256.16 | 100.15 | 126.30 | 34.92 | 12.13 |
| 110.0 | 430.71 | 256.85 | 100.44 | 126.43 | 35.07 | 12.20 |
| 115.0 | 435.62 | 257.76 | 100.89 | 126.91 | 35.29 | 12.31 |
| 120.0 | 442.52 | 258.51 | 101.50 | 127.55 | 35.59 | 12.45 |
| 125.0 | 451.71 | 258.93 | 102.31 | 128.54 | 36.00 | 12.65 |
| 130.0 | 463.50 | 258.53 | 103.34 | 129.85 | 36.52 | 12.90 |
| 135.0 | 478.11 | 260.97 | 104.59 | 131.29 | 37.14 | 13.20 |
| 140.0 | 495.60 | 264.00 | 106.06 | 133.15 | 37.87 | 13.56 |
| 145.0 | 515.92 | 267.45 | 107.73 | 135.28 | 38.69 | 13.97 |
| 150.0 | 538.84 | 271.28 | 109.54 | 137.67 | 39.61 | 14.42 |
| 155.0 | 563.96 | 275.48 | 111.46 | 140.42 | 40.56 | 14.91 |
| 160.0 | 590.80 | 279.81 | 113.46 | 143.33 | 41.57 | 15.42 |
| 165.0 | 618.73 | 284.34 | 115.48 | 146.42 | 42.57 | 15.94 |
| 170.0 | 647.11 | 289.12 | 117.46 | 149.77 | 43.56 | 16.45 |
| 175.0 | 675.27 | 294.09 | 119.36 | 153.38 | 44.52 | 16.96 |
| 180.0 | 702.57 | 299.27 | 121.16 | 156.34 | 45.43 | 17.43 |

| Azimuth | Radiation (mV/m at one km) | Distances to Contours in Kilometers : | | | | |
|---------|----------------------------------|---------------------------------------|--------|--------|-------|--------|
| | | Contour levels in mV/m. | | | | |
| | | .025 | .500 | .250 | 5.000 | 25.000 |
| 185.0 | 728.41 | 304.63 | 122.82 | 158.36 | 46.25 | 17.88 |
| 190.0 | 752.29 | 310.23 | 124.32 | 160.19 | 47.00 | 18.28 |
| 195.0 | 773.80 | 317.93 | 125.64 | 161.80 | 47.66 | 18.63 |
| 200.0 | 792.65 | 328.61 | 126.77 | 163.20 | 48.23 | 18.94 |
| 205.0 | 808.67 | 333.65 | 127.72 | 164.36 | 48.71 | 19.21 |
| 210.0 | 821.80 | 335.03 | 128.48 | 165.31 | 49.10 | 19.42 |
| 215.0 | 832.11 | 336.11 | 129.08 | 166.05 | 49.40 | 19.58 |
| 220.0 | 839.77 | 337.43 | 129.52 | 166.59 | 49.62 | 19.70 |
| 225.0 | 845.01 | 341.73 | 129.82 | 166.95 | 49.77 | 19.78 |
| 230.0 | 848.16 | 345.53 | 130.00 | 167.17 | 49.86 | 19.83 |
| 235.0 | 849.57 | 348.59 | 130.08 | 167.27 | 49.90 | 19.85 |
| 240.0 | 849.64 | 350.91 | 130.09 | 167.27 | 49.90 | 19.85 |
| 245.0 | 848.74 | 353.45 | 130.04 | 167.21 | 49.88 | 19.84 |
| 250.0 | 847.26 | 355.86 | 129.95 | 167.11 | 49.83 | 19.82 |
| 255.0 | 845.53 | 358.06 | 129.85 | 166.99 | 49.79 | 19.79 |
| 260.0 | 843.86 | 360.05 | 129.76 | 166.87 | 49.74 | 19.76 |
| 265.0 | 842.49 | 355.72 | 129.68 | 166.78 | 49.70 | 19.74 |
| 270.0 | 841.59 | 349.78 | 129.63 | 166.72 | 49.67 | 19.73 |
| 275.0 | 841.28 | 347.91 | 129.61 | 166.69 | 49.66 | 19.72 |
| 280.0 | 841.59 | 348.05 | 129.63 | 166.72 | 49.67 | 19.73 |
| 285.0 | 842.49 | 350.84 | 129.68 | 166.78 | 49.70 | 19.74 |
| 290.0 | 843.86 | 356.93 | 129.76 | 166.87 | 49.74 | 19.76 |
| 295.0 | 845.53 | 359.53 | 129.85 | 166.99 | 49.79 | 19.79 |
| 300.0 | 847.26 | 350.65 | 129.95 | 167.11 | 49.83 | 19.82 |
| 305.0 | 848.74 | 348.34 | 130.04 | 167.21 | 49.88 | 19.84 |
| 310.0 | 849.64 | 340.26 | 130.09 | 167.27 | 49.90 | 19.85 |
| 315.0 | 849.57 | 337.91 | 130.08 | 167.27 | 49.90 | 19.85 |
| 320.0 | 848.16 | 337.76 | 130.00 | 167.17 | 49.86 | 19.83 |
| 325.0 | 845.01 | 337.44 | 129.82 | 166.95 | 49.77 | 19.78 |
| 330.0 | 839.77 | 336.90 | 129.52 | 166.59 | 49.62 | 19.70 |
| 335.0 | 832.11 | 336.11 | 129.08 | 166.05 | 49.40 | 19.58 |
| 340.0 | 821.80 | 335.03 | 128.48 | 165.31 | 49.10 | 19.42 |
| 345.0 | 808.67 | 333.65 | 127.72 | 164.36 | 48.71 | 19.21 |
| 350.0 | 792.65 | 331.93 | 126.77 | 163.20 | 48.23 | 18.94 |
| 355.0 | 773.80 | 329.89 | 125.64 | 161.80 | 47.66 | 18.63 |

KFMZ

Freq: 1210 kHz

Class: D

Latitude: 39-50-26 N

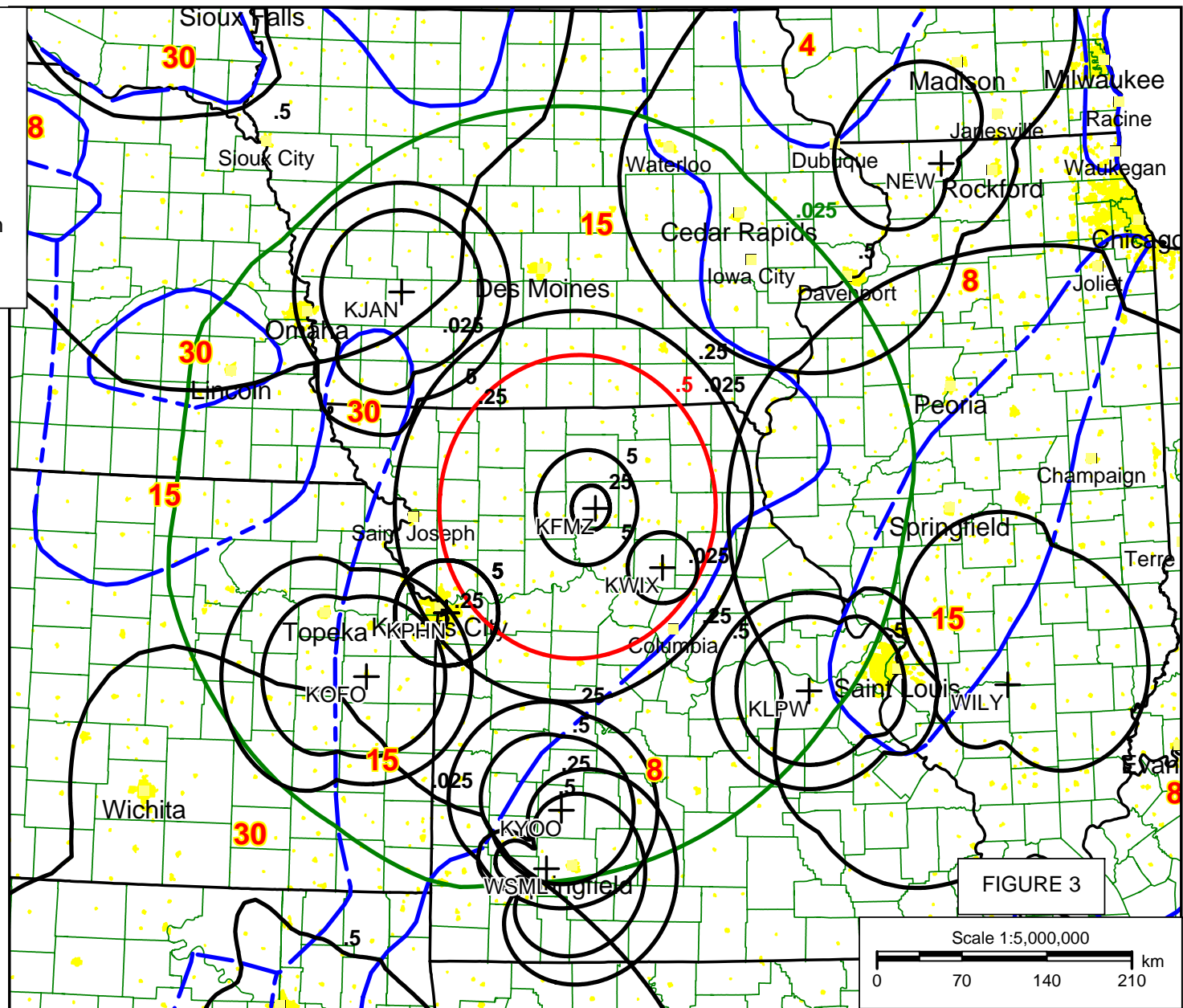
Longitude: 093-04-52 W

Power: 5 kW

RMS: 662.84 mV/m @1km

Towers: 2

Augs: 0



AM ALLOCATION SITUATION FOR THE PROPOSED KFMZ OPERATION ON 1210 kHz