

FCC FORM 301, EXHIBIT 25
SECTION 73.213(A) STUDY
APPLICATION FOR
CONSTRUCTION PERMIT
PREPARED FOR
WDOD OF CHATTANOOGA, INC.
STATION WDOD-FM
CHATTANOOGA, TENNESSEE
CH 243C 100 KW-H, 88 KW-V (MAX-DA) 336 METERS

WDOD-FM and Pending WMJJ(FM), Birmingham, Alabama,
Application For Construction Permit (BPH-20000411ACK) Facility
Section 73.213(a) Interference Analysis

<u>Facilities Studied</u>	<u>Interference Received from WMJJ(FM)¹</u>		<u>Interference Caused To WMJJ(FM)</u>		<u>Total WDOD-FM Interference (Received Plus Caused)</u>	
	<u>Area</u> (Sq. Km.)	<u>1990 US Census Population (Persons)</u>	<u>Area</u> (Sq. Km.)	<u>1990 US Census Population (Persons)</u>	<u>Area</u> (Sq. Km.)	<u>1990 US Census Population (Persons)</u>
Licensed WDOD-FM ²	56.4	1,116	47.7	618	104.1	1,734
Proposed WDOD-FM ³	33.1	663	3.8	114	36.9	777

¹ WMJJ(FM) Application for Construction Permit (BPH-20000411ACK) facilities: 73 kW (H&V), 350 meters HAAT, 33° 26' 38" North Latitude, 86° 52' 47" West Longitude (referenced to 1927 North American Datum (NAD 27)).

² Licensed WDOD-FM facilities: 100kW-H, 88 kW-V (Max-DA), 329 meters HAAT, 35° 09' 39" North Latitude, 85° 19' 11" West Longitude (NAD 27).

³ Proposed WDOD-FM facilities: 100kW-H, 88 kW-V (Max-DA), 3337 meters HAAT, 35° 09' 41" North Latitude, 85° 19' 05" West Longitude (NAD 27).

Figure 6

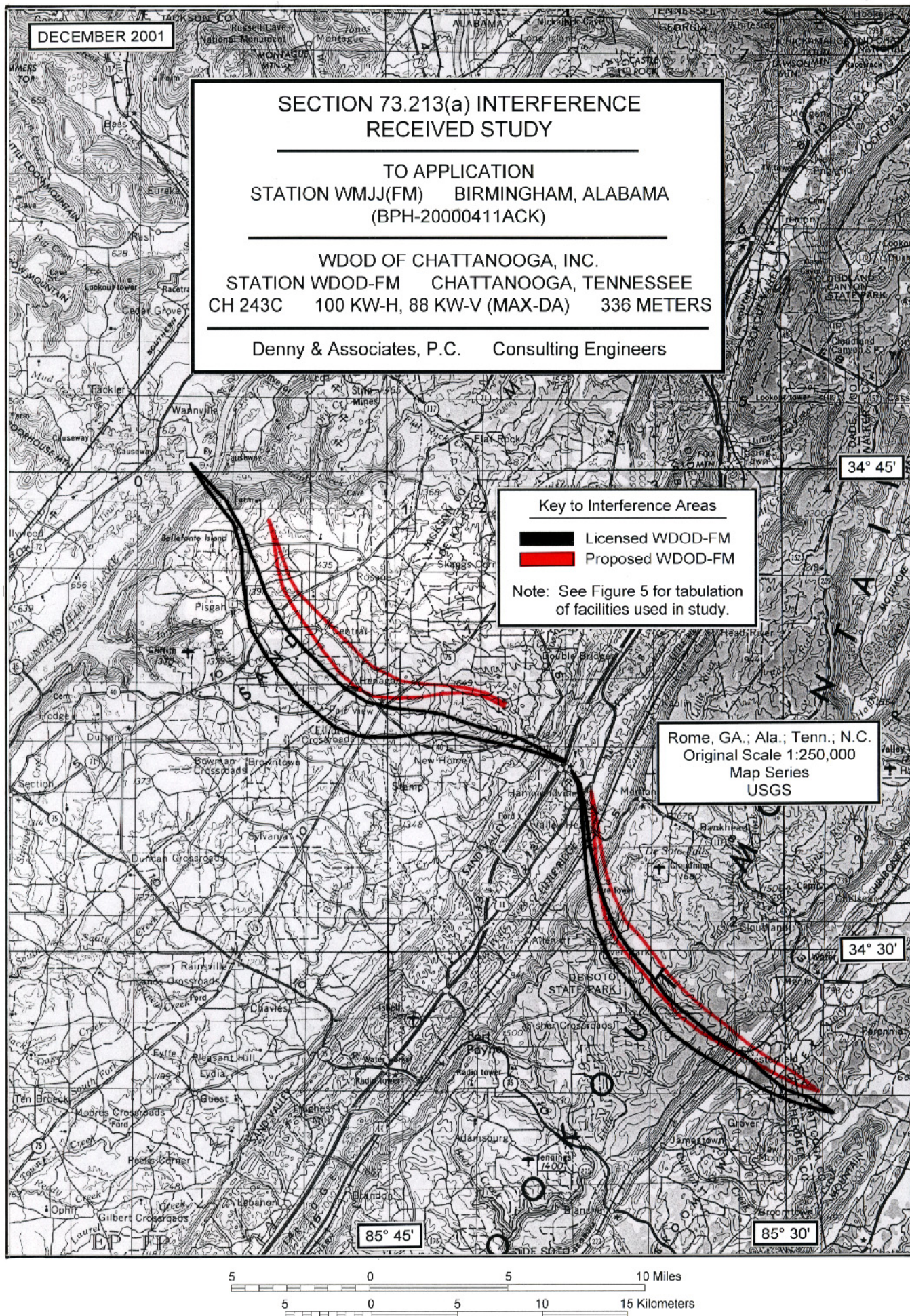


Figure 7

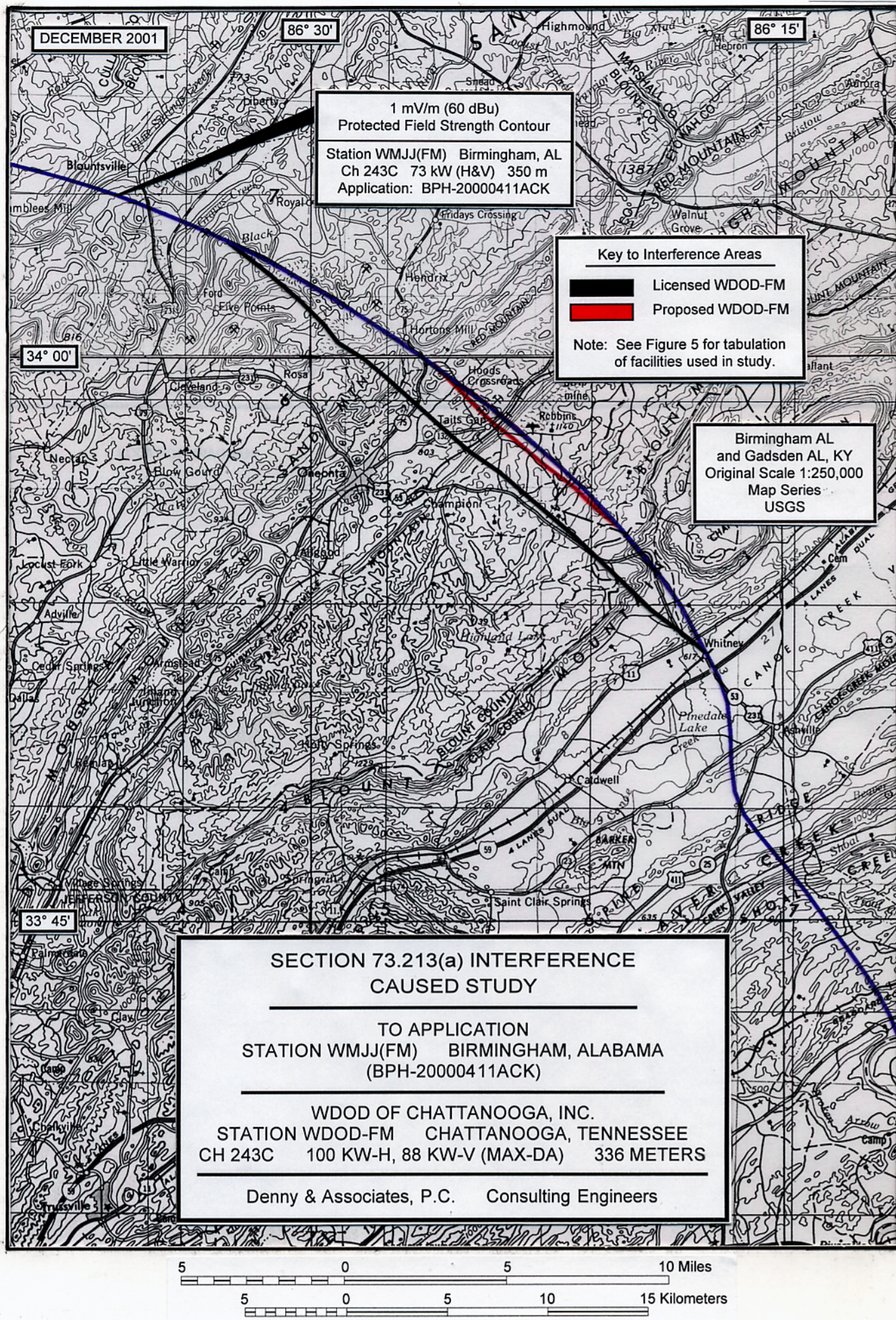
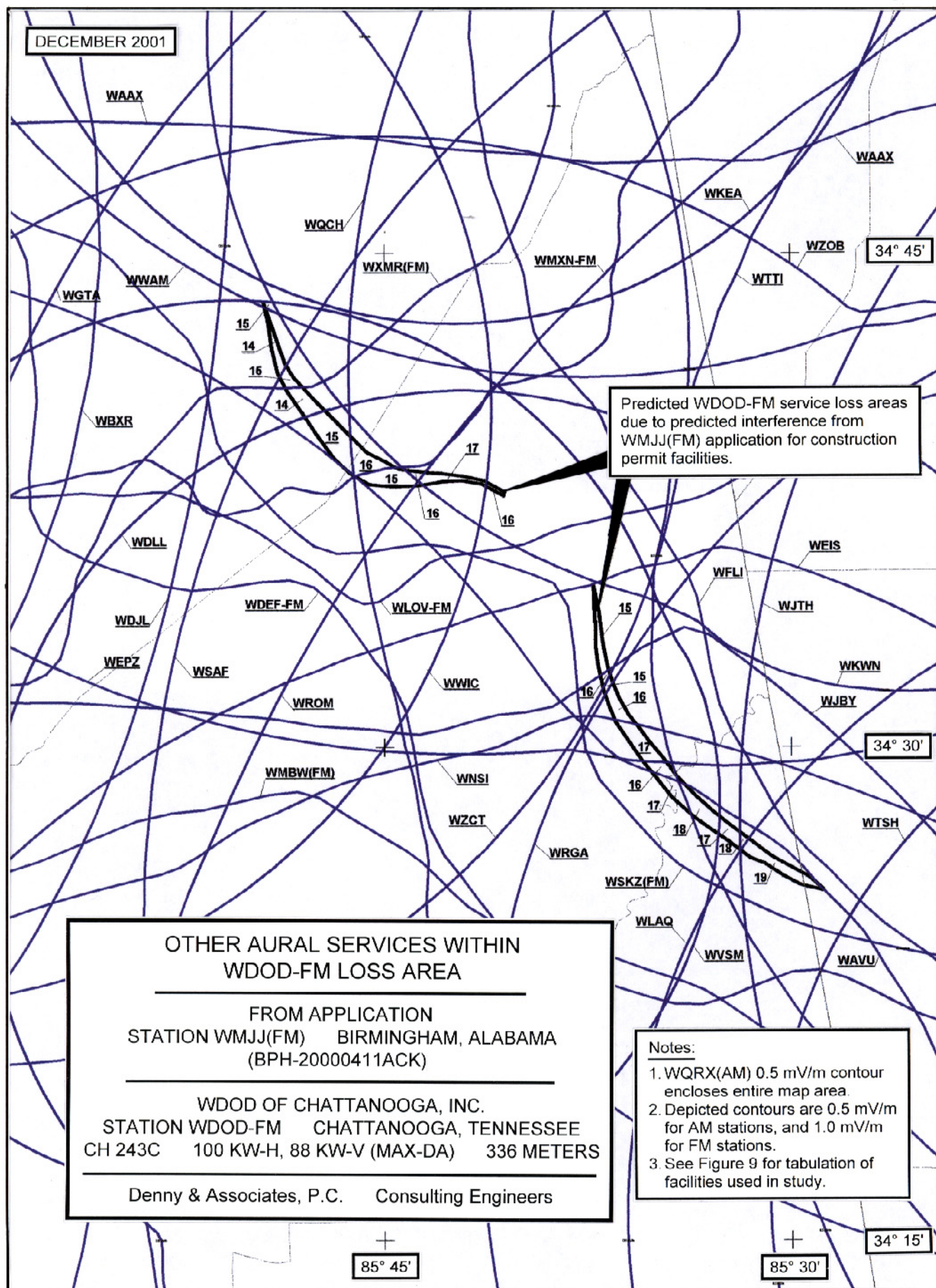


Figure 8



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Tabulation of Other Aural Services To Area
Predicted to Lose WDOD-FM Service As A Result of WMJJ(FM) Interference¹

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| <p>1. WMBW(FM), Chattanooga, TN
FCC Facility ID Number 66021
Ch. 205C, 100 kW (Max-BT, H&V), 460 m
34° 57' 43" NL; 85° 22' 40" WL</p> | <p>7. WAVU(AM), Albertville, AL
FCC Facility ID Number 58944
630 kHz, 1.0 kW-LS, 0.028 kW-N, ND
34° 14' 28" NL; 86° 09' 41" WL</p> |
| <p>2. WLOV-FM, South Pittsburg, TN
FCC Facility ID Number 40469
Ch. 247C2, 16.0 kW (H&V), 261 m
34° 58' 21" NL; 85° 37' 58" WL</p> | <p>8. WYMR(AM)³, Bridgeport, AL
FCC Facility ID Number 57794
1480 kHz, 1.0 kW-LS, 0.039 kW-N, ND
34° 56' 34" NL; 85° 42' 26" WL</p> |
| <p>3. WMXN-FM, Stevenson, AL
FCC Facility ID Number 33780
Ch. 269A, 1.80 kW (H&V), 184 m
34° 49' 41" NL; 85° 45' 54" WL</p> | <p>9. WJTH(AM), Calhoun, GA
FCC Facility ID Number 10067
900 kHz, 1.0 kW-LS, 0.266 kW-N, ND
34° 27' 40" NL; 84° 53' 44" WL</p> |
| <p>4. WDEF-FM, Chattanooga, TN
FCC Facility ID Number 57827
Ch. 222C, 100 kW (Max-BT, H&V), 360 m
35° 08' 06" NL; 85° 19' 25" WL</p> | <p>10. WEIS(AM), Centre, AL
FCC Facility ID Number 3619
990 kHz, 1.0 kW-LS, 0.030 kW-N, ND
34° 09' 10" NL; 85° 40' 44" WL</p> |
| <p>5. WSKZ(FM), Chattanooga, TN
FCC Facility ID Number 54525
Ch. 293C, 100 kW (H&V), 329 m
35° 09' 42" NL; 85° 19' 06" WL</p> | <p>11. WTTI(AM), Dalton, GA
FCC Facility ID Number 53957
1530 kHz, 10 kW-LS, 10 kW-CH, DA-D
34° 47' 09" NL; 85° 02' 40" WL</p> |
| <p>6. WUSX(FM)², Tullahoma, TN
FCC Facility ID Number 65223
Ch. 227C1, 100 kW (H&V), 299 m
35° 02' 04" NL; 86° 22' 52" WL</p> | <p>12. WZOB(AM), Fort Payne, AL
FCC Facility ID Number 9797
1250 kHz, 5.0 kW-LS, 0.122 kW-N, ND
34° 26' 23" NL; 85° 45' 12" WL</p> |

¹ Source: FCC Consolidated Database System (CDBS), January 30, 2002.

² Formerly WXMR(FM)

³ Formerly WYMR(AM)

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| 13. WDLL(AM), Fort Payne, AL
FCC Facility ID Number 33782
1400 kHz, 1.0 kW-U, ND
34° 26' 21" NL; 85° 42' 09" WL | 21. WVSM(AM), Rainsville, AL
FCC Facility ID Number 58943
1500 kHz, 1.0 kW-LS, 1.0 kW-CH, ND
34° 29' 56" NL; 85° 50' 34" WL |
| 14. WAAX(AM), Gadsden, AL
FCC Facility ID Number 22996
570 kHz, 5.0 kW-LS, 0.50 kW-N, DA-N
33° 58' 45" NL; 86° 00' 09" WL | 22. WRGA(AM), Rome, GA
FCC Facility ID Number 40856
1470 kHz, 5.0 kW-U, DA-N
34° 18' 05" NL; 85° 09' 19" WL |
| 15. WDJL(AM), Huntsville, AL
FCC Facility ID Number 23088
1000 kHz, 10 kW-LS, DA-D
34° 46' 47" NL; 86° 39' 16" WL | 23. WJBY(AM), Rainbow City, AL
FCC Facility ID Number 22995
930 kHz, 5.0 kW-LS, 0.50 kW-N, DA-N
33° 59' 08" NL; 86° 02' 15" WL |
| 16. WBXR(AM), Hazel Green, AL
FCC Facility ID Number 8999
1140 kHz, 15 kW-LS, 7.5 kW-CH, DA-D
34° 57' 11" NL; 86° 38' 46" WL | 24. WROM(AM), Rome, GA
FCC Facility ID Number 66283
710 kHz, 1.0 kW-LS, ND
34° 15' 30" NL; 85° 09' 15" WL |
| 17. WNSI(AM), Jacksonville, AL
FCC Facility ID Number 7898
810 kHz, 50 kW-LS, 0.50 kW-N, DA-2
33° 50' 58" NL; 85° 45' 46" WL | 25. WLAQ(AM), Rome, GA
FCC Facility ID Number 14502
1410 kHz, 1.0 kW-U, DA-N
34° 15' 43" NL; 85° 12' 22" WL |
| 18. WQCH(AM), Lafayette, GA
FCC Facility ID Number 54912
1590 kHz, 5.0 kW-LS, ND
34° 42' 57" NL; 85° 16' 06" WL | 26. WTSH(AM), Rome, GA
FCC Facility ID Number 7044
1360 kHz, 0.50 kW-LS, 0.047 kW-N, ND
34° 16' 15" NL; 85° 11' 00" WL |
| 19. WFLI(AM), Lookout Mountain, TN
FCC Facility ID Number 72061
1070 kHz, 50 kW-LS, 2.5 kW-N, DA-2
35° 02' 42" NL; 85° 21' 44" WL | 27. WWIC(AM), Scottsboro, AL
FCC Facility ID Number 59421
1050 kHz, 1.0 kW-LS, 0.100 kW-N, ND
34° 40' 23" NL; 86° 03' 11" WL |
| 20. WWAM(AM), Jasper, TN
FCC Facility ID Number 51856
820 kHz, 1.0 kW-LS, ND
35° 04' 23" NL; 85° 37' 39" WL | 28. WGTA(AM), Summerville, GA
FCC Facility ID Number 67648
950 kHz, 5.0 kW-LS, ND
34° 27' 53" NL; 85° 21' 12" WL |

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| 29. WEPG(AM), South Pittsburg, TN
FCC Facility ID Number 40154
910 kHz, 5.0 kW-LS, ND
35° 00' 57" NL; 85° 42' 00" WL | 31. WZCT(AM), Scottsboro, AL
FCC Facility ID Number 6357
1330 kHz, 5.0 kW-LS, 0.038 kW-N, ND
34° 42' 07" NL; 86° 00' 15" WL |
| 30. WKWN(AM), Trenton, GA
FCC Facility ID Number 54444
1420 kHz, 2.5 kW-LS, ND
34° 51' 43" NL; 85° 29' 59" WL | 32. WZQZ(AM) ⁴ , Trion, GA
FCC Facility ID Number 16590
1180 kHz, 5.0 kW-LS, ND
34° 28' 22" NL; 85° 19' 31" WL |

⁴ Formerly WSAF(AM)

Figure 10

