

KILGORE BROADCAST MAINTENANCE

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FILE: Bir203A.D50 Rufner Pinnacle Tower 1.000kW 176mEAH
 FCC DATABASE: 20060705 Birmingham, AL LATITUDE: 33-33-44
 DATE: 07-08-2006 CH 203A Cleared by 35 km LONGITUDE: 86-42-07

Call	City of License	ST	hERPkW	hAMSL	hEAH	Latitude	AzTo	Dist-km
Auth	Channel Freq	Updated	vERPkW	vAMSL	vEAH	Longitude	AzFr	Req-km
File#	Owner					AppID	FacID	Clrd-km

WSJL NORTHPORT AL 0.010 280 150 33-28-51N 262.1 65.6
 CP 201C2 88.1 US 20.000 280 150 87-24-03W 82.1 49.9
 BPED-971009MD MARY V HARRIS FOUNDATION 1042414 88660 15.7 CLOSE
 Dist= 0

Dir Ant = @ 0.0 Deg

Prop	1.000kW	216mEAH	60.0dBuF(50,50)	26.68km +
WSJL	20.000kW	187mEAH	100.0dBuF(50,10)	5.12km = 31.81km
WSJL	20.000kW	187mEAH	60.0dBuF(50,50)	48.03km +
Prop	1.000kW	216mEAH	100.0dBuF(50,10)	1.86km = 49.89km

Station DAAzim RotateANT Azim BEARFM PwrRatio RadialERP

WAPR SELMA AL 0.000 0 0 32-08-30N 181.5 157.6
 LIC 202C 88.3 US 53.000 503 427 86-44-43W 1.5 138.6
 BLED-960515KC UA-ASU-TSU EDUCATIONAL RADIO C 224929 6125 19.0 CLOSE
 Dist= 0

Prop	1.000kW	204mEAH	60.0dBuF(50,50)	25.93km +
WAPR	53.000kW	445mEAH	54.0dBuF(50,10)	112.70km = 138.63km
WAPR	53.000kW	445mEAH	60.0dBuF(50,50)	76.44km +
Prop	1.000kW	204mEAH	54.0dBuF(50,10)	36.40km = 112.84km

WJCK PIEDMONT AL 0.000 0 0 33-50-17N 71.2 94.9
 LIC 202C3 88.3 US 2.700 565 305 85-43-57W 251.2 88.8
 BLED-990319KB IMMANUEL BROADCASTING NETWORK 283023 28334 6.1 CLOSE
 Dist= 0

Dir Ant = S.W.R. FM3V/2D @ 0.0 Deg

Prop	1.000kW	163mEAH	60.0dBuF(50,50)	23.46km +
WJCK	2.700kW	382mEAH	54.0dBuF(50,10)	65.34km = 88.80km
WJCK	2.700kW	382mEAH	60.0dBuF(50,50)	43.30km +
Prop	1.000kW	163mEAH	54.0dBuF(50,10)	36.40km = 79.70km

Station DAAzim RotateANT Azim BEARFM PwrRatio RadialERP

WJCK PIEDMONT AL 0.000 0 0 33-50-12N 71.3 94.8
 CP MOD 202C3 88.3 US 2.700 556 295 85-43-59W 251.3 88.0
 BMPED-041217AT IMMANUEL BROADCASTING NETWORK 1035725 28334 6.8 CLOSE
 Dist= 0

Dir Ant = @ 0.0 Deg

Prop	1.000kW	163mEAH	60.0dBuF(50,50)	23.46km +
WJCK	2.700kW	372mEAH	54.0dBuF(50,10)	64.56km = 88.02km
WJCK	2.700kW	372mEAH	60.0dBuF(50,50)	42.82km +
Prop	1.000kW	163mEAH	54.0dBuF(50,10)	36.40km = 79.22km

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 WJIA GUNTERSVILLE AL 0.000 0 0 34-25-33N 20.9 102.5
 LIC 203A 88.5 US 2.200 368 130 86-18-25W 200.9 101.6
 BLED-950905KB LAKE CITY EDUCATIONAL BROADCAST 213416 36283 0.9 CLOSE
 Dist= 0

----- PROPOSED ANTENNA DIRECTIONAL WITH 0.375kW @ 20.9 DEGREES -----

Prop	0.375kW	143mEAH	60.0dBuF(50,50)	17.35km +
WJIA	2.200kW	184mEAH	40.0dBuF(50,10)	84.25km = 101.60km
WJIA	2.200kW	184mEAH	60.0dBuF(50,50)	29.67km +
Prop	0.375kW	143mEAH	40.0dBuF(50,10)	55.47km = 85.14km

WLJR BIRMINGHAM AL 0.000 0 0 33-23-51N 168.3 18.7
 LIC 203A 88.5 US 0.370 385 183 86-39-41W 348.3 92.3
 BLED-060119AD BRIARWOOD PRESBYTERIAN CHURCH 1094231 6804 -73.6 SHORT /1
 Dist= 0

Prop	1.000kW	195mEAH	60.0dBuF(50,50)	25.41km +
WLJR	0.370kW	188mEAH	40.0dBuF(50,10)	61.31km = 86.72km
WLJR	0.370kW	188mEAH	60.0dBuF(50,50)	19.86km +
Prop	1.000kW	195mEAH	40.0dBuF(50,10)	72.44km = 92.30km

WRAS ATLANTA GA 100.000 401 133 33-41-04N 86.5 224.2
 LIC 203C1 88.5 US 100.000 401 133 84-17-23W 266.5 175.3
 BLED-870417KD GEORGIA STATE UNIVERSITY 100569 23959 48.9 CLEAR
 Dist= 0

Prop	1.000kW	176mEAH	60.0dBuF(50,50)	24.27km +
WRAS	100.000kW	128mEAH	40.0dBuF(50,10)	151.08km = 175.35km
WRAS	100.000kW	128mEAH	60.0dBuF(50,50)	55.33km +
Prop	1.000kW	176mEAH	40.0dBuF(50,10)	72.44km = 127.77km

WELL-FM DADEVILLE AL 0.000 0 0 32-51-20N 132.2 116.6
 LIC 204C1 88.7 US 100.000 279 93 85-46-31W 312.2 104.4
 BLED-950215KA TIGER COMMUNICATIONS EDUCATION 206526 64562 12.2 CLOSE
 Dist= 0

Dir Ant = ODD ODD910612ME @ 0.0 Deg

Prop	1.000kW	173mEAH	60.0dBuF(50,50)	24.10km +
WELL-F	100.000kW	100mEAH	54.0dBuF(50,10)	80.29km = 104.40km
WELL-F	100.000kW	100mEAH	60.0dBuF(50,50)	50.89km +
Prop	1.000kW	173mEAH	54.0dBuF(50,10)	36.40km = 87.29km

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990420M GADSDEN AL 0.000 0 0 34-01-23N 44.1 71.2
 APP 204A 88.7 US 1.000 290 30 86-10-00W 224.1 46.6
 BPED-990420MA QUEST FOR EXCELLENCE 284023 93233 24.6 CLOSE
 Dist= 0

Dir Ant = @ 0.0 Deg

Prop	1.000kW	124mEAH	60.0dBuF(50,50)	20.72km +
990420	1.000kW	30mEAH	54.0dBuF(50,10)	14.20km = 34.92km
990420	1.000kW	30mEAH	60.0dBuF(50,50)	10.20km +
Prop	1.000kW	124mEAH	54.0dBuF(50,10)	36.40km = 46.60km

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990420M GADSDEN AL 0.000 0 0 34-01-23N 44.1 71.2
 APP 204A 88.7 US 1.000 71 30 86-10-00W 224.1 46.6
 BPED-990420MA QUEST FOR EXCELLENCE 429433 93233 24.6 CLOSE
 Dist= 0

Dir Ant = @ 0.0 Deg

Prop	1.000kW	124mEAH	60.0dBuF(50,50)	20.72km +
990420	1.000kW	30mEAH	54.0dBuF(50,10)	14.20km = 34.92km
990420	1.000kW	30mEAH	60.0dBuF(50,50)	10.20km +
Prop	1.000kW	124mEAH	54.0dBuF(50,10)	36.40km = 46.60km

Station DAAzim RotateANT Azim BEARFM PwrRatio RadialERP

990420M GADSDEN AL 0.000 0 0 34-01-23N 44.1 71.2
 APP 204A 88.7 US 1.000 290 37 86-10-00W 224.1 46.6
 BPED-990420MA QUEST FOR EXCELLENCE 1056479 93233 24.6 CLOSE
 Dist= 0

Dir Ant = @ 0.0 Deg

Prop	1.000kW	124mEAH	60.0dBuF(50,50)	20.72km +
990420	1.000kW	30mEAH	54.0dBuF(50,10)	14.20km = 34.92km
990420	1.000kW	30mEAH	60.0dBuF(50,50)	10.20km +
Prop	1.000kW	124mEAH	54.0dBuF(50,10)	36.40km = 46.60km

Station DAAzim RotateANT Azim BEARFM PwrRatio RadialERP

WELL-FM DADEVILLE AL 0.000 0 0 32-51-16N 132.3 116.6
 APP 204C1 88.7 US 100.000 281 93 85-46-37W 312.3 105.4
 BPED-060703AB TIGER COMMUNICATIONS EDUCATION 1135593 64562 11.2 CLOSE
 Dist= 0

Dir Ant = @ 0.0 Deg

Prop	1.000kW	174mEAH	60.0dBuF(50,50)	24.14km +
WELL-F	100.000kW	106mEAH	54.0dBuF(50,10)	81.30km = 105.45km
WELL-F	100.000kW	106mEAH	60.0dBuF(50,50)	51.96km +
Prop	1.000kW	174mEAH	54.0dBuF(50,10)	36.40km = 88.36km

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File#	Owner						AppID	FacID
								Clrd-km

WMFT TUSCALOOSA AL 0.000 0 0 33-20-19N 247.9 65.9
 LIC 205C1 88.9 US 100.000 294 159 87-21-32W 67.9 58.4
 BLED-050513AA THE MOODY BIBLE INSTITUTE OF C 1087797 83088 7.5 CLOSE
 Dist= 0

Dir Ant = ERI P300-4B-DA. FO @ 0.0 Deg

Prop 1.000kW 215mEASL 60.0dBuF(50,50) 26.59km +

WMFT 100.000kW 136mEASL 100.0dBuF(50,10) 6.78km = 33.37km

WMFT 100.000kW 136mEASL 60.0dBuF(50,50) 56.54km +

Prop 1.000kW 215mEASL 100.0dBuF(50,10) 1.86km = 58.40km

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NEW OXFORD AL 0.145 271 0 33-39-24N 82.6 81.6
 APP 256D 99.1 US 0.145 271 0 85-49-46W 262.6 10.0
 BNPFT-030312AV JACOBS BROADCAST GROUP, INC. 631147 139979 71.6 CLEAR
 Dist= 0

Dir Ant = @ 0.0 Deg

NEW TARSUS AL 0.010 403 0 33-38-40N 83.4 79.9
 APP 257D 99.3 US 0.010 403 0 85-50-49W 263.4 10.0
 BNPFT-030314CK JIMMY JARRELL COMMUNICATIONS F 641644 148813 69.9 CLEAR
 Dist= 0

NEW TALLADEGA AL 0.010 360 0 33-29-12N 97.2 66.9
 APP 257D 99.3 US 0.010 360 0 85-59-15W 277.2 10.0
 BNPFT-030317DX IMMANUEL BROADCASTING NETWORK 647112 153894 56.9 CLEAR
 Dist= 0

**** END OF STUDY ****

/1 This is the subject of this instant application.