

KILGORE BROADCAST MAINTENANCE

Page No 1

FILE: Pow253D.D07 New Water Tank 0.027kW 96mEAH
FCC DATABASE: 20070424 Powers, MI LATITUDE: 45-41-21
DATE: 05-29-2007 CH 253D Cleared by 50 km LONGITUDE: 87-30-37

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

NEW	ESCANABA	MI	0.250	208	0	45-44-43N	79.9	35.4
APP	250D	97.9	US	0.250	208	0	87-03-46W	259.9
BNPFT-030311AG ESCANABA LICENSE CORP.						634149	142338	27.9 CLOSE
Border= C Dist=198								
Prop	0.027kW	81mEAH	60.0dBuF(50,50)			6.66km +		
NEW	0.250kW	30mEAH	100.0dBuF(50,10)			1.11km = 7.77km		
NEW	0.250kW	30mEAH	60.0dBuF(50,50)			7.09km +		
Prop	0.027kW	81mEAH	100.0dBuF(50,10)			0.36km = 7.46km		

WEUL	KINGSFORD	MI	0.000	0	0	45-49-57N	289.7	47.2
USE	251A	98.1	US	0.000	0	0	88-04-51W	109.7
- GOSPEL OPPORTUNITIES, INC.						299907	24690	16.8 CLOSE
Docket# 87-592 Intl Status = USE Border= C Dist=229 Intl Class= B1								
NOTE: 6.000 kW, 100 m EAH @ 452 m RCAMSL used in calc.								
Prop	0.027kW	44mEAH	60.0dBuF(50,50)			4.95km +		
WEUL	6.000kW	114mEAH	100.0dBuF(50,10)			2.90km = 7.85km		
WEUL	6.000kW	114mEAH	60.0dBuF(50,50)			30.04km +		
Prop	0.027kW	44mEAH	100.0dBuF(50,10)			0.36km = 30.40km		

WEUL	KINGSFORD	MI	1.000	495	142	45-49-58N	289.7	47.3
LIC	251A	98.1	US	1.000	495	142	88-04-57W	109.7
BLED-010628AB GOSPEL OPPORTUNITIES, INC.						572081	24690	24.0 CLOSE
Border= C Dist=229								
Prop	0.027kW	44mEAH	60.0dBuF(50,50)			4.95km +		
WEUL	1.000kW	154mEAH	100.0dBuF(50,10)			1.80km = 6.75km		
WEUL	1.000kW	154mEAH	60.0dBuF(50,50)			22.89km +		
Prop	0.027kW	44mEAH	100.0dBuF(50,10)			0.36km = 23.26km		

WRUP	MUNISING	MI	32.000	360	109	46-24-53N	38.7	103.4
LIC	252C2	98.3	US	32.000	360	109	86-40-27W	218.7
BLH-920313KB GREAT LAKES RADIO, INC.						171598	41825	55.3 CLEAR
Intl Status = OPER Border= C Dist=118 Intl Class= B								
Prop	0.027kW	63mEAH	60.0dBuF(50,50)			5.93km +		
WRUP	32.000kW	82mEAH	54.0dBuF(50,10)			59.83km = 65.76km		
WRUP	32.000kW	82mEAH	60.0dBuF(50,50)			37.82km +		
Prop	0.027kW	63mEAH	54.0dBuF(50,10)			10.29km = 48.11km		

WRUP	MUNISING	MI	0.000	0	0	46-24-53N	38.7	103.4
USE	252C2	98.3	US	0.000	0	0	86-40-27W	218.7
- GREAT LAKES RADIO, INC.						289106	41825	46.5 CLOSE
Docket# 86-447 Intl Status = USE Border= C Dist=118 Intl Class= B								
NOTE: 50.000 kW, 150 m EAH @ 388 m RCAMSL used in calc.								
Prop	0.027kW	63mEAH	60.0dBuF(50,50)			5.93km +		
WRUP	50.000kW	111mEAH	54.0dBuF(50,10)			71.72km = 77.65km		
WRUP	50.000kW	111mEAH	60.0dBuF(50,50)			46.57km +		
Prop	0.027kW	63mEAH	54.0dBuF(50,10)			10.29km = 56.86km		

KILGORE BROADCAST MAINTENANCE

Page No 2

FILE: Pow253D.D07 New Water Tank 0.027kW 96mEAH
FCC DATABASE: 20070424 Powers, MI LATITUDE: 45-41-21
DATE: 05-29-2007 CH 253D Cleared by 50 km LONGITUDE: 87-30-37

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

W253AQ POWERS MI 0.004 313 0 45-41-30N 283.6 1.2
LIC 253D 98.5 US 0.000 0 0 87-31-30W 103.6 28.5
BLFT-061109AA WRVM, INC. 1159190 142649 -27.3 SHORT /1
Border= C Dist=221 Dir Ant = @ 18.0 Deg
Prop 0.027kW 44mEAH 60.0dBuF(50,50) 4.95km +
W253AQ 0.004kW 80mEAH 40.0dBuF(50,10) 12.94km = 17.89km
W253AQ 0.004kW 80mEAH 60.0dBuF(50,50) 4.12km +
Prop 0.027kW 44mEAH 40.0dBuF(50,10) 24.34km = 28.45km
Station DAAzim RotateANT Azim BEARFM PwrRatio RadialERP

WQLH GREEN BAY WI 100.000 367 152 44-38-41N 203.0 126.1
LIC 253C1 98.5 US 100.000 367 152 88-08-13W 23.0 84.3
BMLH-910422KJ CUMULUS LICENSING LLC 159442 25121 41.8 CLOSE
Dist= 0
Prop 0.027kW 71mEAH 60.0dBuF(50,50) 6.27km +
WQLH 100.000kW 163mEAH 40.0dBuF(50,10) 156.89km = 163.16km
WQLH 100.000kW 163mEAH 60.0dBuF(50,50) 60.01km +
Prop 0.027kW 71mEAH 40.0dBuF(50,10) 24.34km = 84.35km

WQLH GREEN BAY WI 0.000 0 0 44-38-41N 203.0 126.1
USE 253C1 98.5 US 0.000 0 0 88-08-13W 23.0 97.3
- CUMULUS LICENSING LLC 293186 25121 28.8 CLOSE
Dist= 0
NOTE: 100.000 kW, 299 m EAH @ 513 m RCAMSL used in calc.
Prop 0.027kW 71mEAH 60.0dBuF(50,50) 6.27km +
WQLH 100.000kW 308mEAH 40.0dBuF(50,10) 172.93km = 179.20km
WQLH 100.000kW 308mEAH 60.0dBuF(50,50) 72.99km +
Prop 0.027kW 71mEAH 40.0dBuF(50,10) 24.34km = 97.33km

W254AG ESCANABA MI 0.027 266 64 45-46-56N 72.0 33.5
LIC 254D 98.7 US 0.027 266 64 87-06-04W 252.0 15.4
BLFT-960724TB FAMILY ED BROADCASTING CORPORA 229633 20619 18.1 CLOSE
Intl Status = SOPER Border= C Dist=196 Intl Class= D
Prop 0.027kW 79mEAH 60.0dBuF(50,50) 6.57km +
W254AG 0.027kW 47mEAH 54.0dBuF(50,10) 7.12km = 13.69km
W254AG 0.027kW 47mEAH 60.0dBuF(50,50) 5.12km +
Prop 0.027kW 79mEAH 54.0dBuF(50,10) 10.29km = 15.41km

WIKB-FM IRON RIVER MI 60.000 617 150 46-06-03N 299.8 92.1
LIC 256C1 99.1 US 60.000 617 150 88-32-23W 119.8 56.8
BLH-960429KE HEARTLAND COMM. LICENSE, LLC 224094 49683 35.3 CLOSE
Intl Status = OPER Border= C Dist=218 Intl Class= C1
Prop 0.027kW 47mEAH 60.0dBuF(50,50) 5.12km +
WIKB-F 60.000kW 172mEAH 100.0dBuF(50,10) 6.65km = 11.78km
WIKB-F 60.000kW 172mEAH 60.0dBuF(50,50) 56.42km +
Prop 0.027kW 47mEAH 100.0dBuF(50,10) 0.36km = 56.78km

KILGORE BROADCAST MAINTENANCE

Page No 3

FILE: Pow253D.D07 New Water Tank 0.027kW 96mEAH
FCC DATABASE: 20070424 Powers, MI LATITUDE: 45-41-21
DATE: 05-29-2007 CH 253D Cleared by 50 kM LONGITUDE: 87-30-37

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

WIKB-FM IRON RIVER	MI	0.000	0	0	46-06-03N 299.8	92.1
USE 256C1 99.1	US	0.000	0	0	88-32-23W 119.8	73.9
-	HEARTLAND COMM. LICENSE, LLC	289699	49683	18.2	CLOSE	
Intl Status = USE Border= C Dist=218 Intl Class= C1						
NOTE: 100.000 kW, 299 m EAH @ 761 m RCAMSL used in calc.						
Prop	0.027kW	47mEAH	60.0dBuF(50,50)	5.12km +		
WIKB-F	100.000kW	315mEAH	100.0dBuF(50,10)	10.35km =	15.47km	
WIKB-F	100.000kW	315mEAH	60.0dBuF(50,50)	73.51km +		
Prop	0.027kW	47mEAH	100.0dBuF(50,10)	0.36km =	73.88km	

/1 This is the subject facility of this instant applicaiton

**** END OF STUDY ****