

KILGORE BROADCAST MAINTENANCE

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435mRCAMSL

FILE: Mer254D.D23 Change Channel W221AE 0.170kW 39mEAH
FCC DATABASE: 20030625 Merrill, WI LATITUDE: 45-09-47
DATE: 07-30-2003 CH 254D Cleared by 50 kM LONGITUDE: 89-42-19

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

W252AM	TOMAHAWK	WI	0.011	449	-4	45-28-37N	355.3	35.0		
LIC	252D	98.3	08171993	US	0.000	0	0	89-44-30W	175.3	6.6
-	ROBERT A. JONES							129534	56737	28.4 CLEAR

Border= C Dist=279

Prop	0.170kW	20mEAH	60.0dBuF(50,50)	6.42km +	
W252AM	0.011kW	30mEAH	100.0dBuF(50,10)	0.22km =	6.64km
W252AM	0.011kW	30mEAH	60.0dBuF(50,50)	3.26km +	
Prop	0.170kW	20mEAH	100.0dBuF(50,10)	0.93km =	4.19km

WCQM	PARK FALLS	WI	0.000	0	0	45-55-04N	325.3	102.1		
USE	252C1	98.3	08301995	US	0.000	0	0	90-26-58W	145.3	73.5
-	MIDWEST RADIO NETWORK, LLC							290668	48846	28.6 CLOSE

Border= C Dist=234

NOTE: 100.000 kW, 299 m EAH @ 760 m RCAMSL used in calc.
WCQM 100.000kW 303mEAH 60.0dBuF(50,50) 72.60km +
Prop 0.170kW 31mEAH 100.0dBuF(50,10) 0.93km = 73.53km

WCQM	PARK FALLS	WI	100.000	592	134	45-52-56N	324.4	98.3		
LIC	252C1	98.3	03202001	US	100.000	592	134	90-26-15W	144.4	57.2
-	MIDWEST RADIO NETWORK, LLC							556530	48846	41.1 CLOSE

Border= C Dist=238

WCQM	100.000kW	134mEAH	60.0dBuF(50,50)	56.25km +	
Prop	0.170kW	32mEAH	100.0dBuF(50,10)	0.93km =	57.18km

WGLI	HANCOCK	MI	0.000	0	0	44-13-23N	185.4	104.9		
VAC	254C1	98.7	03112002	US	0.000	0	0	89-49-46W	5.4	96.5
-	KEWEENAW BAY INDIAN COMMUNITY							585258	81328	8.4 CLOSE

NOTE: 100.000 kW, 299 m EAH @ 600 m RCAMSL used in calc.
WGLI 100.000kW 296mEAH 60.0dBuF(50,50) 72.06km +
Prop 0.170kW 11mEAH 40.0dBuF(50,10) 24.43km = 96.50km

WGLI	HANCOCK	MI	100.000	403	403	44-13-23N	185.4	104.9		
APP	254C1	98.7	02262003	US	100.000	403	403	89-49-46W	5.4	75.2
-	KEWEENAW BAY INDIAN COMMUNITY							627074	81328	29.7 CLOSE

WGLI	100.000kW	99mEAH	60.0dBuF(50,50)	50.79km +	
Prop	0.170kW	11mEAH	40.0dBuF(50,10)	24.43km =	75.22km

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

W221AE MERRILL WI 0.170 435 0 45-09-47N 108.1 0.0
APP 254D 92.1 03142003 US 0.170 435 0 89-42-19W 288.1 30.9
- WRVM, INC. 631734 73057 -30.9 SHORT /1

Associated Facility ID= 73974 Border= C Dist=314
Prop 0.170kW 20mEAH 60.0dBuF(50,50) 6.42km +
W221AE 0.170kW 30mEAH 40.0dBuF(50,10) 21.51km = 27.93km
W221AE 0.170kW 30mEAH 60.0dBuF(50,50) 6.42km +
Prop 0.170kW 20mEAH 40.0dBuF(50,10) 24.43km = 30.85km

NEW RHINELANDER WI 0.250 509 0 45-38-08N 26.0 58.4
APP 254D 98.7 03122003 US 0.250 509 0 89-22-42W 206.0 31.5
- SISTER GRACE, INC. 634095 142296 26.9 CLOSE

Associated Facility ID= 87600 Border= C Dist=261
Prop 0.170kW 22mEAH 60.0dBuF(50,50) 6.42km +
NEW 0.250kW 30mEAH 40.0dBuF(50,10) 23.77km = 30.19km
NEW 0.250kW 30mEAH 60.0dBuF(50,50) 7.09km +
Prop 0.170kW 22mEAH 40.0dBuF(50,10) 24.43km = 31.52km

W256AG WAUSAU WI 0.250 451 55 44-58-45N 159.4 21.8
LIC 256D 99.1 02181997 US 0.250 451 0 89-36-27W 339.4 10.0
- ROBERTS BROADCASTING INC./ WMZ 236588 79083 11.8 CLOSE

Associated Facility ID= 57224
Prop 0.170kW 27mEAH 60.0dBuF(50,50) 6.42km +
W256AG 0.250kW 48mEAH 100.0dBuF(50,10) 1.10km = 7.52km
W256AG 0.250kW 48mEAH 60.0dBuF(50,50) 9.08km +
Prop 0.170kW 27mEAH 100.0dBuF(50,10) 0.93km = 10.01km

WKEB MEDFORD WI 23.000 547 104 45-09-51N 270.1 50.0
LIC 257C3 99.3 07101997 US 23.000 547 104 90-20-28W 90.1 38.6
- WIGM, INCORPORATED 165781 72385 11.4 CLOSE

Border= C Dist=316
WKEB 23.000kW 96mEAH 60.0dBuF(50,50) 37.66km +
Prop 0.170kW 15mEAH 100.0dBuF(50,10) 0.93km = 38.59km

WKEB MEDFORD WI 0.000 0 0 45-07-55N 266.0 49.4
USE 257C3 99.3 11121992 US 0.000 0 0 90-19-54W 86.0 37.6
- WIGM, INCORPORATED 299081 72385 11.8 CLOSE

Docket# 89-217 Border= C Dist=319
NOTE: 25.000 kW, 100 m EAH @ 540 m RCAMSL used in calc.
WKEB 25.000kW 87mEAH 60.0dBuF(50,50) 36.72km +
Prop 0.170kW 16mEAH 100.0dBuF(50,10) 0.93km = 37.65km

/1 This is the subject of this application.

**** END OF STUDY ****