

**Dataworld  
Bethesda, MD**

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Friday, August 26, 2005

Permissible Radiation Limit Summary

*Somonauk*  
**Title: Millbrook IL 1480 kHz**  
Frequency: 1480 kHz  
Database: FCC

Latitude: N 41° 34' 59.0"  
Longitude: W 88° 36' 05.0"

Azimuth	Call	City	St	T-Min (deg)	T-Max (deg)	Rad. (mV/m)	Azimuth	Call	City	St	T-Min (deg)	T-Max (deg)	Rad. (mV/m)
0	WSPY	Millbrook	IL	.0	.0	.0	91	WISL	Shamokin	PA	5.8	11.0	196.9
	-2004102	Houghton	MI	11.8	19.9	3896.2		WKAP	Allentown	PA	5.0	9.7	1965.7
1	WOSH	Oshkosh	WI	27.1	40.5	1789.4		WLOA	Farrell	PA	10.5	18.0	2095.1
10	WBKV	West Bend	WI	35.0	49.3	2023.2	94	WDAS	Philadelphia	PA	4.6	9.3	219.4
20	WTIQ	Manistique	MI	14.3	23.4	3105.9	95	WHBC	Canton	OH	11.8	19.9	69.7
42	WODJ	Whitehall	MI	27.1	40.5	1951.2	96	WOHI	East Liverpool	OH	10.5	17.9	6818.9
56	WMPX	Midland	MI	17.8	28.5	2977.2	97	WHBC	Canton	OH	12.0	20.1	70.1
59	WGVU	Kentwood	MI	26.3	39.6	196.5		WPRR	Johnstown	PA	8.0	14.3	9340.2
63	WPNA	Oak Park	IL	62.4	72.5	996.3	98	WCNS	Latrobe	PA	8.6	15.1	110.6
65	CHRD	Drummondville	Ca	4.8	4.8	1712.8	99	WRSW	Warsaw	IN	31.1	45.1	47.1
	CHRD	Drummondville	Ca	4.8	4.8	1712.8		WTTR	Westminster	MD	5.9	11.2	3403.1
67	CKAN	Newmarket	Ca	11.8	11.8	853.9	101	WMRN	Marion	OH	15.9	25.8	3836.8
	CKDX	Newmarket	Ca	11.8	11.8	853.9	102	WCFJ	Chicago Heights	IL	60.2	70.9	1100.5
68	WFNT	Flint	MI	17.3	27.7	866.9		WCFJ	Dolton	IL	60.2	70.9	1100.5
73	WKLZ	Kalamazoo	MI	28.3	41.9	932.3	105	WTCS	Fairmont	WV	9.1	15.9	8244.0
	WLAM	Lewiston	ME	2.0	5.5	6108.5	106	WPWC	Dumfries-triangle	VA	5.8	11.0	208.8
76	WBTA	Batavia	NY	7.4	13.4	9468.7		WPWC	Dumfries-triangle	VA	5.8	11.0	208.8
78	WSDS	Plymouth	MI	18.0	28.8	147.3	109	WMOA	Marietta	OH	11.1	18.8	6471.6
	WSDS	Salem Township	MI	18.0	28.8	147.3	111	WTOX	Glen Allen	VA	5.5	10.6	192.4
81	WNYY	Ithaca	NY	5.9	11.1	5094.1	113	WSGB	Sutton	WV	9.3	16.1	8255.3
	WAZN	Marlborough	MA	2.7	6.5	7140.7	116	WBEX	Chillicothe	OH	13.8	22.8	4981.9
	WAZN	Watertown	MA	2.5	6.2	9023.3	119	WSWW	Charleston	WV	10.1	17.4	7656.2
	WAZN	Watertown	MA	2.5	6.2	9023.3	121	WKBV	Richmond	IN	20.7	32.3	2680.5
83	WABJ	Adrian	MI	19.8	31.2	2689.2	123	WAEY	Princeton	WV	8.5	14.9	9583.6
84	WSAR	Fall River	MA	2.4	6.1	326.1	126	WCIN	Cincinnati	OH	17.3	27.7	76.5
	WESB	Bradford	PA	8.0	14.2	9251.8		WWBG	Greensboro	NC	6.3	11.7	1726.2
85	WMMW	Meriden	CT	3.3	7.4	7126.2	127	WCIN	Cincinnati	OH	17.1	27.5	75.9
86	WNDV	South Bend	IN	35.7	50.0	1448.0	128	WSIP	Paintsville	KY	11.0	18.7	7357.4
87	WMGW	Meadville	PA	10.0	17.3	7005.5	133	WMDD	Fajardo	PR	.0	.0	2015.1
88	WLQR	Toledo	OH	17.7	28.3	951.3		WOPI	Bristol	VA	8.6	15.2	9556.6
	WJMO	Cleveland Heights	OH	12.6	21.0	5384.7	134	WGFY	Charlotte	NC	6.2	11.6	388.2
89	WZRC	New York	NY	4.0	8.3	247.1	139	WFKY	Frankfort	KY	15.3	24.9	4283.6
	WLQR	Walbridge	OH	18.0	28.7	942.3	141	WFXV	Middlesboro	KY	10.1	17.4	7948.0
90	-2004012	Du Bois	PA	8.1	14.4	9231.9	145	WGUS	Augusta	GA	5.3	10.2	191.1
							146	WITA	Knoxville	TN	9.3	16.2	8783.7

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152	WDAN	Danville	IL	38.4	52.7	1395.9	194	XEQUB	Ixtepec	Mx	.0	.0	8999.1
153	CMHR	Florida	Cu	.0	.0	3258.4	195	KDRS	Paragould	AR	11.3	19.2	5830.6
	WCSV	Crossville	TN	10.1	17.3	8084.3	200	KLCL	Lake Charles	LA	3.2	7.2	3186.6
154	WCLU	Glasgow	KY	13.1	21.7	5542.2		XEVCR	Rio Blanco	Mx	.0	.0	7923.4
156	WPFR	Terre Haute	IN	29.0	42.8	25.9	201	KOTN	Pine Bluff	AR	7.4	13.4	8722.2
157	WJOC	Chattanooga	TN	8.7	15.2	9669.9		XEOU	Huajuapán De León	Mx	.0	.0	9465.6
158	WVOI	Marco Island	FL	.3	3.2	1759.3	202	WESL	East St. Louis	IL	21.3	33.1	2455.6
	WRGA	Rome	GA	7.5	13.5	3038.0		XEPR	Poza Rica	Mx	.0	.0	6921.6
161	WCKD	Lebanon	TN	11.4	19.3	6491.8	203	XE	Atlixco	Mx	.0	.0	8840.4
	WCKD	Lebanon	TN	11.4	19.3	6503.1	205	XEXC	Taxco	Mx	.0	.0	9906.4
163	WOMI	Owensboro	KY	16.9	27.2	3853.3	206	KLVL	Pasadena	TX	2.4	6.1	488.6
165	WVOL	Berry Hill	TN	11.7	19.7	1942.2		KLVL	Pasadena	TX	2.4	6.1	488.6
166	WJJM	Lewisburg	TN	10.0	17.3	7462.6	209	XEVIC	Cd.victoria	Mx	.0	.0	4172.6
169	WAJF	Decatur	AL	8.5	15.0	8848.4	210	XEGX	San Luis De La Paz	Mx	.0	.0	6772.7
173	TIAC	Puntarenas	Cs	.0	.0	6454.4		XEMC	Salvatierra	Mx	.0	.0	8341.1
175	XECCQ	Cancun	Mx	.0	.0	4972.6	211	KWXT	Dardanelle	AR	8.3	14.6	7778.6
	-2004012	Fayette	AL	7.3	13.2	9803.1		XEIP	Uruapan	Mx	.0	.0	8913.5
177	HREZ	Tegucigalpa	Ho	.0	.0	5838.8	215	WMBD	Peoria	IL	46.1	59.9	163.6
178	WABB	Mobile	AL	4.1	8.5	474.5		XETKR	Guadalupe	Mx	.7	.7	2763.5
	WDXL	Lexington	TN	10.8	18.4	6506.9		KTTR	Rolla	MO	15.4	25.1	3552.3
179	TGBH-056	Horizontes	Gt	.0	.0	685.7		XEZJ1	Guadalajara	Mx	.0	.0	8024.4
180	TGBH-050	Horizontes	Gt	.0	.0	679.3	216	KUOL	San Marcos	TX	1.8	5.3	7639.7
181	TGBH-021	Horizontes	Gt	.0	.0	522.1		KUOL	San Marcos	TX	1.8	5.3	7647.5
	WTUP	Tupelo	MS	8.2	14.5	8503.3	218	KNIT	Dallas	TX	4.0	8.3	339.3
182	TGBH-013	Horizontes	Gt	.0	.0	514.8	225	KBIX	Muskogee	OK	7.4	13.4	8382.2
183	TGBH-006	Horizontes	Gt	.0	.0	511.8	227	-2004012	San Angelo	TX	1.9	5.4	516.3
	WNAU	New Albany	MS	8.6	15.1	2632.7		KDMO	Carthage	MO	10.1	17.4	5751.7
	WNAU	New Albany	MS	8.6	15.1	2632.7	228	KYYW	Abilene	TX	2.6	6.4	3402.1
184	TGBH-003	Horizontes	Gt	.0	.0	511.5		KYYW	Abilene	TX	2.6	6.4	3402.1
185	TGBH-359	Horizontes	Gt	.0	.0	512.0	231	XEHM1	Cd.delicias	Mx	.3	.3	2083.0
186	TGBH-352	Horizontes	Gt	.0	.0	515.5	232	KDRO	Sedalia	MO	14.6	23.9	3938.6
	WKRO	Cairo	IL	14.7	24.1	4284.0	233	KMFS	Guthrie	OK	6.0	11.3	8836.8
187	TGBH-323	Horizontes	Gt	.0	.0	704.2	234	-2004012	Wink	TX	1.1	4.2	464.4
188	TGBH-307	Horizontes	Gt	.0	.0	749.6	236	XENS1	Navojoa	Mx	.0	.0	2561.2
	XE	Palenque	Mx	.0	.0	5148.5							

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243	KQAM	Wichita	KS	7.6	13.7	153.7
	XE	Hermosillo	Mx	.0	.0	2619.3
244	KCZZ	Mission	KS	12.4	20.8	141.8
247	KTOP	Topeka	KS	10.8	18.4	4971.7
249	KBUR	Burlington	IA	31.7	45.7	1625.4
250	KAIR	Atchison	KS	12.6	21.0	1343.0
	-2004013	Los Lunas	NM	.7	3.7	8636.2
251	WZOE	Princeton	IL	61.8	72.0	946.1
254	KPHX	Phoenix	AZ	.0	1.0	722.5
	-2004013	Taos	NM	1.7	5.1	7949.5
255	XEMCA	Cd.morelos	Mx	.0	.0	3469.9
261	KVNR	Santa Ana	CA	.0	.0	1090.3
	KKAN	Phillipsburg	KS	6.8	12.4	7016.8
265	KLMS	Lincoln	NE	10.5	18.0	88.9
268	KXLQ	Indianola	IA	18.1	28.9	2742.8
269	KOMJ	Omaha	NE	11.8	19.8	4400.5
271	-2004012	Julesburg	CO	4.6	9.2	533.6
	KYOS	Merced	CA	.0	.0	1630.2
273	KABN	Concord	CA	.0	.0	4055.5
278	KNFL	Tremonton	UT	.0	2.6	9817.4
	KNFL	Tremonton	UT	.0	2.6	9817.4
	KNFL	Tremonton	UT	.0	2.6	9817.4
	KNFL	Tremonton	UT	.0	2.6	9818.3
280	KGOE	Eureka	CA	.0	.0	1187.1
281	KWSL	Sioux City	IA	11.0	18.6	1650.3
	KKTY	Douglas	WY	2.8	6.6	2840.1
290	KORN	Mitchell	SD	8.3	14.7	6136.9
291	KBMS	Vancouver	WA	.0	.0	1992.9
296	KRIB	Mason City	IA	18.2	28.9	2842.8
301	WDBQ	Dubuque	IA	35.1	49.4	1435.0
304	KAUS	Austin	MN	17.8	28.4	75.5
	KLGR	Redwood Falls	MN	11.6	19.5	4821.7
312	KOVC	Valley City	ND	6.4	11.9	7452.3
314	CKER	Edmonton	Ca	.0	.0	1857.6
	KXRA	Alexandria	MN	9.6	16.7	5602.8

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317	KLBP	Brooklyn Park	MN	13.5	22.3	5027.8
320	WLFN	La Crosse	WI	22.8	35.2	2074.0
335	KQDS	Duluth	MN	11.3	19.1	4441.9
338	WLMV	Madison	WI	39.3	53.7	25.9
	-2004012	Monona	WI	39.3	53.7	25.9
341	WGEZ	Beloit	WI	53.1	65.6	1021.4
	WIGM	Medford	WI	17.9	28.6	2768.2
348	-2004012	Ironwood	MI	13.3	22.0	3839.2
	-2004102	Ironwood	MI	13.2	22.0	3850.1
	-2004102	Ironwood	MI	13.2	22.0	3850.1
360	-2004012	Houghton	MI	11.8	19.9	3896.1

>> End of Permissible Radiation Limit Summary <<

*Handwritten:*  
3014W  
@ 39° = 25.6 mV/m