

W248DE 97.5 FM - 74.1204 Compliance with WSPT 250C1

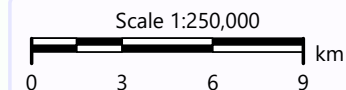
■ W248DE.A (248)
■ WSPT (250)

WSPT - 97.9 MHz
CH250C1 - FACID:2104
Stevens Point, WI
File:BLH19961015KB
Muzzy Broadcast Group, LLC
Lat: 44-32-16.80 N
Long: 089-35-43.40 W
ERP: 100.00 kW HAAT: 103.0
RCAMSL: 436.0 m

W248DE.A - 97.5 MHz
CH248D - FACID:202720
Wisconsin Rapids, WI
File:0000189630
ASR 1033900
Lat: 44-23-20.10 N
Long: 089-37-51.70 W
ERP: 0.25 kW HAAT: 123.18
RCAMSL: 445.1 m



83 dBu



W248DE

Wisconsin Rapids, WI (Facility ID 202720)

ERP 250.00 WATTS

Maximum ERP 0.25 kW
 Interfering contour value -----> 123 dBu
 RCAGL (m)-----> 122 meters
 Antenna Type -----> 7

Antenna Type 7 = Nicom, BKG77, one bay

Angle Below Horizontal (degrees)	Vertical Pattern (REL. FIELD)	W248DE ERP (kW)	W248DE ERP (dBk)	W248DE Free-Space Distance to interfering contour (meters)	Slant Distance (meters) *	Height of interfering contour above ground (feet)**	Proposed Interference within 30 ' of ground level?	Horizontal Distance (meters) ***	Horizontal Distance (feet) ***
0	1.000	0.2500	-6.021	78.3	N/A	400.3			257.0
5	0.999	0.2495	-6.029	78.3	1,295.4	377.9	No	78.0	255.8
10	0.982	0.2411	-6.178	76.9	650.2	356.4	No	75.8	248.6
15	0.954	0.2275	-6.430	74.7	436.2	336.8	No	72.2	236.8
20	0.918	0.2107	-6.764	71.9	330.1	319.6	No	67.6	221.7
25	0.872	0.1901	-7.210	68.3	267.1	305.5	No	61.9	203.1
30	0.818	0.1673	-7.766	64.1	225.8	295.1	No	55.5	182.1
35	0.758	0.1436	-8.427	59.4	196.8	288.5	No	48.6	159.6
40	0.691	0.1194	-9.231	54.1	175.6	286.1	No	41.5	136.0
45	0.616	0.0949	-10.229	48.3	159.7	288.3	No	34.1	111.9
50	0.538	0.0724	-11.405	42.1	147.4	294.3	No	27.1	88.9
55	0.465	0.0541	-12.672	36.4	137.8	302.4	No	20.9	68.5
60	0.391	0.0382	-14.177	30.6	130.4	313.2	No	15.3	50.2
65	0.313	0.0245	-16.110	24.5	124.6	327.4	No	10.4	34.0
70	0.239	0.0143	-18.453	18.7	120.1	342.5	No	6.4	21.0
75	0.176	0.0077	-21.110	13.8	116.9	356.6	No	3.6	11.7
80	0.129	0.0042	-23.809	10.1	114.6	367.6	No	1.8	5.8
85	0.103	0.0027	-25.764	8.1	113.3	373.9	No	0.7	2.3
90	0.105	0.0028	-25.597	8.2	112.9	373.3	No	0.0	0.0

* Slant distance from antenna center of radiation to location 30 feet (9.1 meters) above ground level at angle below horizontal.

** A negative number indicates that the interfering contour is predicted to reach ground level. If a negative number is present, the interfering contour reaches ground level at the "Horizontal Distance" described below.

*** Horizontal distance from tower base to interfering contour at the indicated height above ground level. If a negative height above ground level is indicated, this horizontal distance is the distance from the tower base to the interfering contour. This horizontal distance is only relevant if the proposed interference is predicted to occur within 30 feet of ground level.