



W204CD , , Showing Protection to WFSW , Channel: 206
 Geographic Coordinates: N. 30 13 59.00 W. 85 35 10.00
 74.1204(d) Study - Using USGS 03 SEC Terrain Database
 Translator or LPFM Maximum Licensed ERP = 0.01 kW, Channel: 204
 Translator or LPFM Antenna Height AG = 37 meters
 W204CD Antenna Model = TFC1K

Protected Station's Contour = 69.42471 dBu
 Translator's or LPFM's full Interference contour 109.42471

Review Azimuth = 0 Degrees True
 Relative Field on the horizontal at Review Azimuth = 1.000
 Translator/LPFM ERP on the horizontal at Review Azimuth = 0.01 kW
 Distance between stations = 35.8 km
 Protected Station= WFSW, 100 kW, 130 M meters COR AMSL

Depression Angle From Horiz. (Deg)	Vertical Relative Field	Horizontal Relative Field	ERP (kw)	Dist to IX Contour Along Dep. Angle(m)	Dist to IX Contour From Tower Base(m)	Height IX Above Ground (m)
00.0	1.0	1.0	0.0100	074.9488	074.9488	037.000
01.0	1.0	1.0	0.0100	074.9488	074.9374	035.692
02.0	0.999	1.0	0.0100	074.8738	074.8282	034.387
03.0	0.998	1.0	0.0100	074.7989	074.6964	033.085
04.0	0.996	1.0	0.0099	074.6490	074.4671	031.793
05.0	0.993	1.0	0.0099	074.4241	074.1409	030.514
06.0	0.990	1.0	0.0098	074.1993	073.7928	029.244
07.0	0.987	1.0	0.0097	073.9744	073.4230	027.985
08.0	0.983	1.0	0.0097	073.6746	072.9576	026.746
09.0	0.979	1.0	0.0096	073.3748	072.4715	025.522
10.0	0.974	1.0	0.0095	073.0001	071.8911	024.324
11.0	0.968	1.0	0.0094	072.5504	071.2175	023.157
12.0	0.962	1.0	0.0093	072.1007	070.5251	022.009
13.0	0.956	1.0	0.0091	071.6510	069.8146	020.882
14.0	0.949	1.0	0.0090	071.1264	069.0136	019.793
15.0	0.941	1.0	0.0089	070.5268	068.1236	018.746
16.0	0.933	1.0	0.0087	069.9272	067.2183	017.725
17.0	0.925	1.0	0.0086	069.3276	066.2983	016.731
18.0	0.916	1.0	0.0084	068.6531	065.2930	015.785
19.0	0.907	1.0	0.0082	067.9785	064.2750	014.868
20.0	0.897	1.0	0.0080	067.2290	063.1746	014.006
21.0	0.887	1.0	0.0079	066.4796	062.0640	013.176
22.0	0.877	1.0	0.0077	065.7301	060.9439	012.377
23.0	0.866	1.0	0.0075	064.9056	059.7460	011.639

24.0	0.855	1.0	0.0073	064.0812	058.5411	010.936
25.0	0.843	1.0	0.0071	063.1818	057.2622	010.298
26.0	0.831	1.0	0.0069	062.2824	055.9791	009.697
27.0	0.819	1.0	0.0067	061.3830	054.6927	009.133
28.0	0.806	1.0	0.0065	060.4087	053.3377	008.640
29.0	0.793	1.0	0.0063	059.4344	051.9825	008.186
30.0	0.780	1.0	0.0061	058.4600	050.6279	007.770
31.0	0.766	1.0	0.0059	057.4108	049.2106	007.431
32.0	0.752	1.0	0.0057	056.3615	047.7972	007.133
33.0	0.738	1.0	0.0054	055.3122	046.3887	006.875
34.0	0.723	1.0	0.0052	054.1880	044.9239	006.698
35.0	0.709	1.0	0.0050	053.1387	043.5287	006.521
36.0	0.694	1.0	0.0048	052.0144	042.0806	006.427
37.0	0.679	1.0	0.0046	050.8902	040.6427	006.374
38.0	0.664	1.0	0.0044	049.7660	039.2161	006.361
39.0	0.648	1.0	0.0042	048.5668	037.7435	006.436
40.0	0.633	1.0	0.0040	047.4426	036.3431	006.505
41.0	0.617	1.0	0.0038	046.2434	034.9003	006.662
42.0	0.601	1.0	0.0036	045.0442	033.4744	006.860
43.0	0.586	1.0	0.0034	043.9200	032.1210	007.047
44.0	0.570	1.0	0.0032	042.7208	030.7308	007.324
45.0	0.554	1.0	0.0031	041.5216	029.3602	007.640
46.0	0.537	1.0	0.0029	040.2475	027.9583	008.048
47.0	0.521	1.0	0.0027	039.0483	026.6309	008.442
48.0	0.505	1.0	0.0026	037.8491	025.3260	008.873
49.0	0.489	1.0	0.0024	036.6499	024.0445	009.340
50.0	0.473	1.0	0.0022	035.4508	022.7873	009.843
51.0	0.457	1.0	0.0021	034.2516	021.5552	010.382
52.0	0.441	1.0	0.0019	033.0524	020.3491	010.954
53.0	0.425	1.0	0.0018	031.8532	019.1698	011.561
54.0	0.409	1.0	0.0017	030.6540	018.0180	012.200
55.0	0.394	1.0	0.0016	029.5298	016.9376	012.811
56.0	0.378	1.0	0.0014	028.3306	015.8423	013.513
57.0	0.362	1.0	0.0013	027.1315	014.7768	014.246
58.0	0.347	1.0	0.0012	026.0072	013.7817	014.945
59.0	0.332	1.0	0.0011	024.8830	012.8157	015.671
60.0	0.317	1.0	0.0010	023.7588	011.8794	016.424
61.0	0.302	1.0	0.0009	022.6345	010.9734	017.203
62.0	0.288	1.0	0.0008	021.5852	010.1337	017.941
63.0	0.273	1.0	0.0007	020.4610	009.2891	018.769
64.0	0.259	1.0	0.0007	019.4117	008.5095	019.553
65.0	0.245	1.0	0.0006	018.3624	007.7603	020.358
66.0	0.232	1.0	0.0005	017.3881	007.0724	021.115
67.0	0.219	1.0	0.0005	016.4138	006.4134	021.891
68.0	0.206	1.0	0.0004	015.4394	005.7837	022.685
69.0	0.193	1.0	0.0004	014.4651	005.1838	023.496
70.0	0.181	1.0	0.0003	013.5657	004.6398	024.252
71.0	0.169	1.0	0.0003	012.6663	004.1238	025.024
72.0	0.157	1.0	0.0002	011.7670	003.6362	025.809
73.0	0.146	1.0	0.0002	010.9425	003.1993	026.536
74.0	0.135	1.0	0.0002	010.1181	002.7889	027.274
75.0	0.124	1.0	0.0002	009.2936	002.4054	028.023
76.0	0.114	1.0	0.0001	008.5442	002.0670	028.710
77.0	0.104	1.0	0.0001	007.7947	001.7534	029.405
78.0	0.095	1.0	0.0001	007.1201	001.4804	030.035
79.0	0.086	1.0	0.0001	006.4456	001.2299	030.673
80.0	0.077	1.0	0.0001	005.7711	001.0021	031.317
81.0	0.069	1.0	0.0000	005.1715	000.8090	031.892
82.0	0.061	1.0	0.0000	004.5719	000.6363	032.473
83.0	0.054	1.0	0.0000	004.0472	000.4932	032.983
84.0	0.047	1.0	0.0000	003.5226	000.3682	033.497
85.0	0.041	1.0	0.0000	003.0729	000.2678	033.939
86.0	0.035	1.0	0.0000	002.6232	000.1830	034.383
87.0	0.029	1.0	0.0000	002.1735	000.1138	034.829
88.0	0.024	1.0	0.0000	001.7988	000.0628	035.202
89.0	0.020	1.0	0.0000	001.4990	000.0262	035.501
90.0	0.016	1.0	0.0000	001.1992	000.0000	035.801