

TABLE 1
SECTION 73.1204(D) SHOWING
W251CR 98.1 MHZ 148 W MAX DA
MEDFORD, MASSACHUSETTS

ERP (kw)	0.148
Height of Antenna above Ground (m)	99.0
Translator's IX Contour	104.1

<u>Depression Angle</u> <u>from Horizon</u>	<u>Antenna</u> <u>Relative Field</u>	<u>ERP (kw)</u> <u>from the Antenna RF</u>	<u>Dist. To IX Contour (m)</u>	<u>Height IX Contour Above</u> <u>Ground (m)</u>
0	1	0.148	532.269	99.000
5	0.955	0.135	508.317	54.697
10	0.847	0.106	450.832	20.714
15	0.695	0.071	369.927	3.256
16	0.660	0.064	351.297	2.169
17	0.624	0.058	332.136	1.893
18	0.588	0.051	312.974	2.286
20	0.514	0.039	273.586	5.428
25	0.321	0.015	170.858	26.792
30	0.146	0.003	77.711	60.144
35	0.010	0.000	5.323	95.947
40	0.098	0.001	52.162	65.471
45	0.150	0.003	79.840	42.544
50	0.164	0.004	87.292	32.130
55	0.153	0.003	81.437	32.291
60	0.136	0.003	72.389	36.310
65	0.112	0.002	59.614	44.971
70	0.113	0.002	60.146	42.481
75	0.118	0.002	62.808	38.332
80	0.128	0.002	68.130	31.905
85	0.137	0.003	72.921	26.357
90	0.144	0.003	76.647	22.353