

NEW! Amarillo, TX
 74.1204(d) Showing
 Translator Maximum Licensed ERP = 0.25
 Translator Antenna Height AG = 45 Meters
 NEW! Antenna Model = 6812B 1F

Protected Station's Contour = 97.07886 dBu
 Translator's full Interference contour 137.07886

Review Azimuth = 0 Degrees True
 Relative Field on the horizon at Review Azimuth = 1.000
 Translator ERP on the horizon at Review Azimuth = 0.25 kW
 Distance between stations = 11.6 km
 Protected Station= KMXJ-F, 100 kW, 1364 M Meters COR AMSL

Depression IX Angle From	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 Above Ground
Hori zon(Deg) (m)	Fi el d	Fi el d				
00.00	1.0	1.0	0.2500	015.5248	015.5248	045.000
01.00	1.0	1.0	0.2500	015.5248	015.5225	044.729
02.00	0.999	1.0	0.2495	015.5093	015.4999	044.459
03.00	0.999	1.0	0.2495	015.5093	015.4881	044.188
04.00	0.998	1.0	0.2490	015.4938	015.4560	043.919
05.00	0.996	1.0	0.2480	015.4627	015.4039	043.652
06.00	0.995	1.0	0.2475	015.4472	015.3626	043.385
07.00	0.993	1.0	0.2465	015.4162	015.3013	043.121
08.00	0.991	1.0	0.2455	015.3851	015.2354	042.859
09.00	0.988	1.0	0.2440	015.3385	015.1497	042.601
10.00	0.985	1.0	0.2426	015.2920	015.0596	042.345
11.00	0.982	1.0	0.2411	015.2454	014.9653	042.091
12.00	0.979	1.0	0.2396	015.1988	014.8667	041.840
13.00	0.975	1.0	0.2377	015.1367	014.7488	041.595
14.00	0.971	1.0	0.2357	015.0746	014.6268	041.353
15.00	0.967	1.0	0.2338	015.0125	014.5010	041.114
16.00	0.963	1.0	0.2318	014.9504	014.3713	040.879
17.00	0.958	1.0	0.2294	014.8728	014.2229	040.652
18.00	0.953	1.0	0.2271	014.7952	014.0710	040.428
19.00	0.948	1.0	0.2247	014.7175	013.9157	040.208
20.00	0.942	1.0	0.2218	014.6244	013.7424	039.998
21.00	0.936	1.0	0.2190	014.5312	013.5661	039.792
22.00	0.93	1.0	0.2162	014.4381	013.3868	039.591
23.00	0.924	1.0	0.2134	014.3449	013.2046	039.395
24.00	0.917	1.0	0.2102	014.2363	013.0055	039.210
25.00	0.91	1.0	0.2070	014.1276	012.8040	039.029
26.00	0.903	1.0	0.2039	014.0189	012.6001	038.855
27.00	0.895	1.0	0.2003	013.8947	012.3803	038.692
28.00	0.887	1.0	0.1967	013.7705	012.1587	038.535
29.00	0.879	1.0	0.1932	013.6463	011.9353	038.384
30.00	0.871	1.0	0.1897	013.5221	011.7105	038.239
31.00	0.862	1.0	0.1858	013.3824	011.4710	038.108
32.00	0.854	1.0	0.1823	013.2582	011.2436	037.974
33.00	0.845	1.0	0.1785	013.1185	011.0021	037.855
34.00	0.835	1.0	0.1743	012.9632	010.7470	037.751
35.00	0.826	1.0	0.1704	012.8158	010.4980	037.649
36.00	0.816	1.0	0.1665	012.6683	010.2488	037.554
37.00	0.806	1.0	0.1624	012.5130	009.9933	037.469
38.00	0.796	1.0	0.1584	012.3578	009.7381	037.392
39.00	0.785	1.0	0.1541	012.1870	009.4711	037.330
40.00	0.774	1.0	0.1498	012.0162	009.2050	037.276
41.00	0.763	1.0	0.1455	011.8454	008.9399	037.229
42.00	0.752	1.0	0.1414	011.6747	008.6760	037.188
43.00	0.741	1.0	0.1373	011.5039	008.4134	037.154
44.00	0.729	1.0	0.1329	011.3176	008.1412	037.138
45.00	0.717	1.0	0.1285	011.1313	007.8710	037.129
46.00	0.705	1.0	0.1243	010.9450	007.6030	037.127
47.00	0.693	1.0	0.1201	010.7587	007.3374	037.132
48.00	0.68	1.0	0.1156	010.5569	007.0639	037.155

49.00	0.667	1.0	0.1112	010.3551	006.7935	037.185
50.00	0.654	1.0	0.1069	010.1532	006.5264	037.222
51.00	0.641	1.0	0.1027	009.9514	006.2626	037.266
52.00	0.628	1.0	0.0986	009.7496	006.0025	037.317
53.00	0.614	1.0	0.0942	009.5322	005.7367	037.387
54.00	0.6	1.0	0.0900	009.3149	005.4752	037.464
55.00	0.586	1.0	0.0858	009.0976	005.2181	037.548
56.00	0.572	1.0	0.0818	008.8802	004.9657	037.638
57.00	0.558	1.0	0.0778	008.6629	004.7181	037.735
58.00	0.544	1.0	0.0740	008.4455	004.4754	037.838
59.00	0.529	1.0	0.0700	008.2126	004.2298	037.960
60.00	0.514	1.0	0.0660	007.9798	003.9899	038.089
61.00	0.499	1.0	0.0623	007.7469	003.7558	038.224
62.00	0.484	1.0	0.0586	007.5140	003.5276	038.366
63.00	0.469	1.0	0.0550	007.2811	003.3056	038.512
64.00	0.453	1.0	0.0513	007.0328	003.0830	038.679
65.00	0.437	1.0	0.0477	006.7844	002.8672	038.851
66.00	0.422	1.0	0.0445	006.5515	002.6647	039.015
67.00	0.406	1.0	0.0412	006.3031	002.4628	039.198
68.00	0.39	1.0	0.0380	006.0547	002.2681	039.386
69.00	0.373	1.0	0.0348	005.7908	002.0752	039.594
70.00	0.357	1.0	0.0319	005.5424	001.8956	039.792
71.00	0.341	1.0	0.0291	005.2940	001.7235	039.994
72.00	0.324	1.0	0.0262	005.0300	001.5544	040.216
73.00	0.307	1.0	0.0236	004.7661	001.3935	040.442
74.00	0.29	1.0	0.0210	004.5022	001.2410	040.672
75.00	0.273	1.0	0.0186	004.2383	001.0969	040.906
76.00	0.256	1.0	0.0164	003.9744	000.9615	041.144
77.00	0.239	1.0	0.0143	003.7104	000.8347	041.385
78.00	0.221	1.0	0.0122	003.4310	000.7133	041.644
79.00	0.204	1.0	0.0104	003.1671	000.6043	041.891
80.00	0.186	1.0	0.0086	002.8876	000.5014	042.156
81.00	0.168	1.0	0.0071	002.6082	000.4080	042.424
82.00	0.151	1.0	0.0057	002.3443	000.3263	042.679
83.00	0.133	1.0	0.0044	002.0648	000.2516	042.951
84.00	0.114	1.0	0.0032	001.7698	000.1850	043.240
85.00	0.096	1.0	0.0023	001.4904	000.1299	043.515
86.00	0.078	1.0	0.0015	001.2109	000.0845	043.792
87.00	0.059	1.0	0.0009	000.9160	000.0479	044.085
88.00	0.04	1.0	0.0004	000.6210	000.0217	044.379
89.00	0.021	1.0	0.0001	000.3260	000.0057	044.674
90.00	0.0	1.0	0.0000	000.0016	000.0000	044.998