

TABLE 2-1

**ELEVATION DISTANCES TO THE CH228 TRANSLATOR 132.7 dBu F.S. LINE
OF SIGHT CONTOUR SHOWING KKXK PROTECTION**

Depression Angle (Degrees)	Relative Field	Slant Distance “D” from Antenna to Contour(m)	Clearance “C” Above 1794 m AMSL Plane (m)
0	1.000	25.7	15.0
5	0.969	24.9	12.8
10	0.881	22.6	11.1
15	0.745	19.1	10.0
20	0.576	14.8	9.9
25	0.389	10.0	10.8
30	0.203	5.2	12.4
35	0.112	0.8	14.5
40	0.224	2.9	13.1
45	0.299	5.8	10.9
50	0.339	7.7	9.1
55	0.347	8.7	7.9
60	0.328	8.9	7.3
65	0.288	8.4	7.4
70	0.231	7.4	8.0
75	0.162	5.9	9.3
80	0.085	4.2	10.9
85	0.001	2.2	12.8
90	0.001	0.0	15.0

KKXK Protection assuming non-directional worst case operation.

The proposed translator 132.7 dBu L.O.S. contour never occurs lower than 5.3 meters above A POINT 2 METERS ABOVE ground fully protecting all persons at ground level below.