

74.1204(d) Showing (or equivalent LPFM Rule)

KRVT-LP, Brownsville, TX 260L
NICOM BKG-77 Three bay (halfwave spaced) Antenna

ERP (kw)	0.05
Height of Antenna above Ground (m)	26
Height of Antenna above Top Floor (m)	10
Translator's IX Contour	116

<u>Depression Angle from Horizon</u>	<u>Antenna Relative Field</u>	<u>ERP (kw) from the Antenna RF</u>	<u>Dist. To IX Contour (m)</u>	<u>Height IX Contour Above Ground (m)</u>
0	1	0.0500	78.6113	26.000
5	0.974	0.0474	76.5674	19.327
10	0.896	0.0401	70.4357	13.769
15	0.766	0.0293	60.2163	10.415
20	0.609	0.0185	47.8743	9.626
25	0.441	0.0097	34.6676	11.349
30	0.282	0.0040	22.1684	14.916
35	0.142	0.0010	11.1628	19.597
40	0.032	0.0001	2.5156	24.383
45 to 90	NOTE THAT THESE ANGLES DOWNWARD HIT BUILDING. SEE BELOW ROWS.			

<u>Depression Angle from Horizon</u>	<u>Antenna Relative Field</u>	<u>ERP (kw) from the Antenna RF</u>	<u>Dist. To IX Contour (m)</u>	<u>Height IX Contour Above Top Floor (m)</u>
45	0.045	0.0001	3.5375	7.499
50	0.095	0.0005	7.4681	4.279
55	0.113	0.0006	8.8831	2.723
60	0.114	0.0006	8.9617	2.239
65	0.104	0.0005	8.1756	2.590
70	0.087	0.0004	6.8392	3.573
75	0.069	0.0002	5.4242	4.761
80	0.053	0.0001	4.1664	5.897
85	0.042	0.0001	3.3017	6.711
90	0.04	0.0001	3.1445	6.856

Note: Input the ERP, Height of the antenna above Ground, the Calculated Translator IX contour, and the specified Antenna Relative Field Pat