



Antenna Height Above Average Terrain

The antenna Height Above Average Terrain values submitted herein are based on terrain data contained in the National Geophysical Data Center Thirty Second Point Topographic Database (TPG-0050) and were derived in accordance with Section 73.312(d) of the Commission's Rules. For increased accuracy, the "average" antenna height above average terrain (HAAT) of 204 meters was determined by averaging the antenna HAAT calculated along 18 evenly spaced radials from the proposed KXOL-FM transmitter site.¹ A tabulation of the antenna HAAT data at 20 degree intervals is listed below.

<u>AZIMUTH</u>	<u>Average Terrain</u>	<u>Antenna HAAT</u>
0	760	-143
20	837	-220
40	983	-366
60	866	-249
80	476	141
100	219	398
120	175	442
140	161	456
160	171	446
180	153	464
200	145	472
220	130	487
240	180	437
260	203	414
280	216	401
300	517	100
320	459	158
340	779	-162
18-Radial Average Antenna HAAT =		204.2

¹ Use of the 18-radial average HAAT in lieu of the 8-radial average HAAT is permitted by the Commission for increased accuracy (See *Issue 3*, GEN Docket No. 84-705, Adopted November 30, 1984; Released December 10, 1984).