

HAAT Calculation

HAAT has been calculated for the application contemplated herein by using 8 evenly spaced radials as per FCC regulation. The 8 radials used to calculate HAAT for this application begin at 29 degrees azimuth and are evenly spaced from this azimuth. The result is shown in the chart below. Furthermore, a tabulation showing the HAAT for each of the 360 radials is shown at Exhibit 30-A. Also, the more accurate 3 second USGS terrain database was used.

Degree Azimuth	Distance	HAAT
29	50.87	311.8
74	69.94	659.6
119	71.4	699.7
164	73.98	775.8
209	78.24	938.9
254	77.35	898.1
299	75.71	833.8
344	70.64	678.6

724.5375 average of 8 radials

Therefore, the HAAT of 725 meters has been used for all calculations in this application.