

Petition No. 1097- Revision
AT&T
Suffield, Connecticut
Staff Report
May 9, 2014

In this petition, AT&T originally indicated that it was seeking to extend an existing 120-foot monopole tower by ten feet in order to mount antennas at a centerline height of 129 feet above ground level. Subsequent to the Council's field review, conducted on April 23, 2014, AT&T notified the Council that it actually wanted to extend the tower by 15 feet to an overall height of 135 feet and install its antennas at a centerline height of 130 feet.

The Structural Analysis submitted with AT&T's petition was for a 15-foot extension and concluded that the tower could support such an extension. The power density, originally calculated by staff to be approximately 66.7% of the FCC limit, would not change substantially, and would actually decline slightly with the one foot increase in the centerline height of the antennas to approximately 66.1% of the MPE limit.

The five-foot increase in overall height to 135 feet should not significantly alter the tower's visual presence in the surrounding landscape.

AT&T's proposed tower extension and antenna installation should not create any significantly adverse environmental impacts.