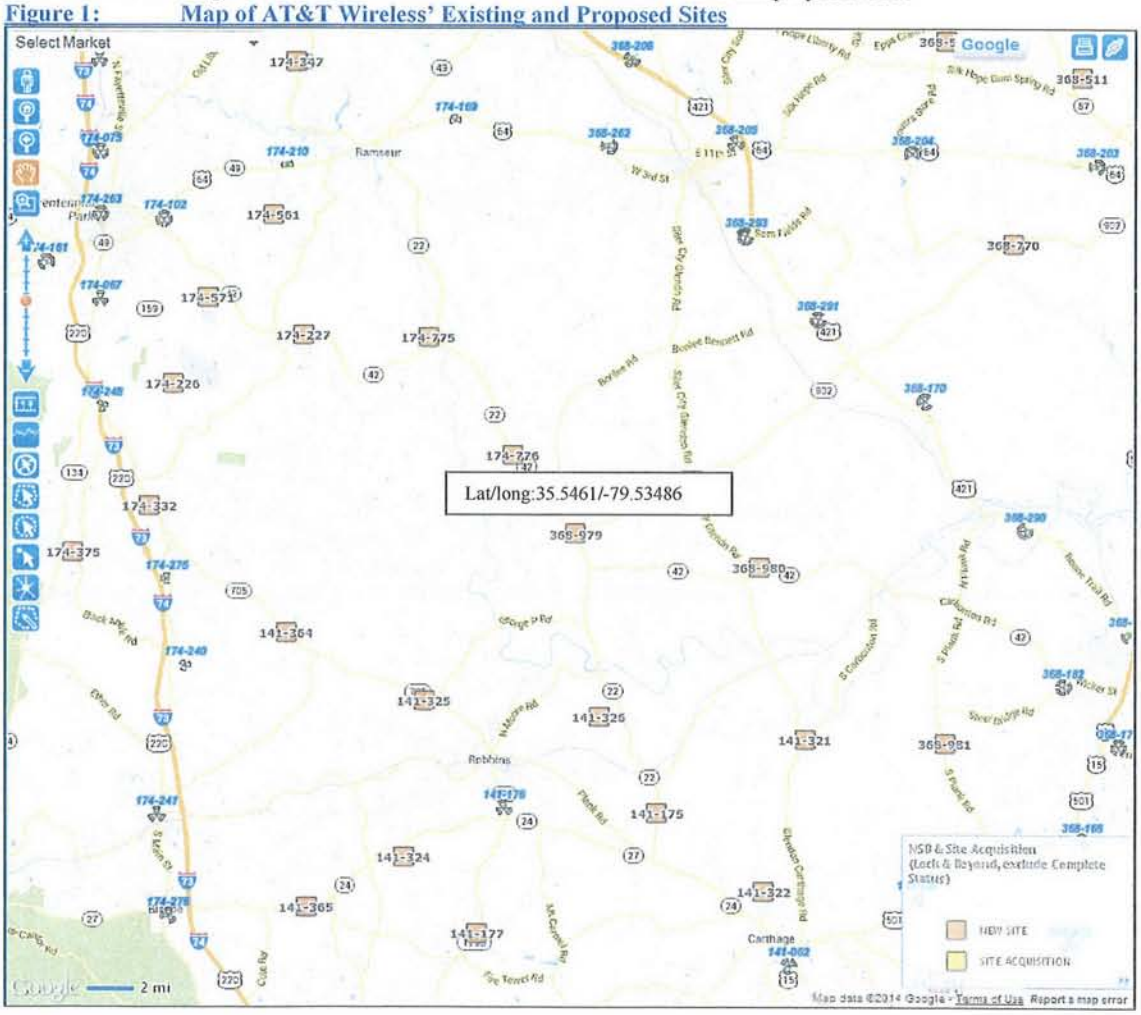
David J. LaCava
Senior Radio Access Network Specialist
AT&T Mobility, LLC
Raleigh, NC

DATE: February 12, 2014
SUBJECT: RF Justification for AT&T Wireless Site 368-979

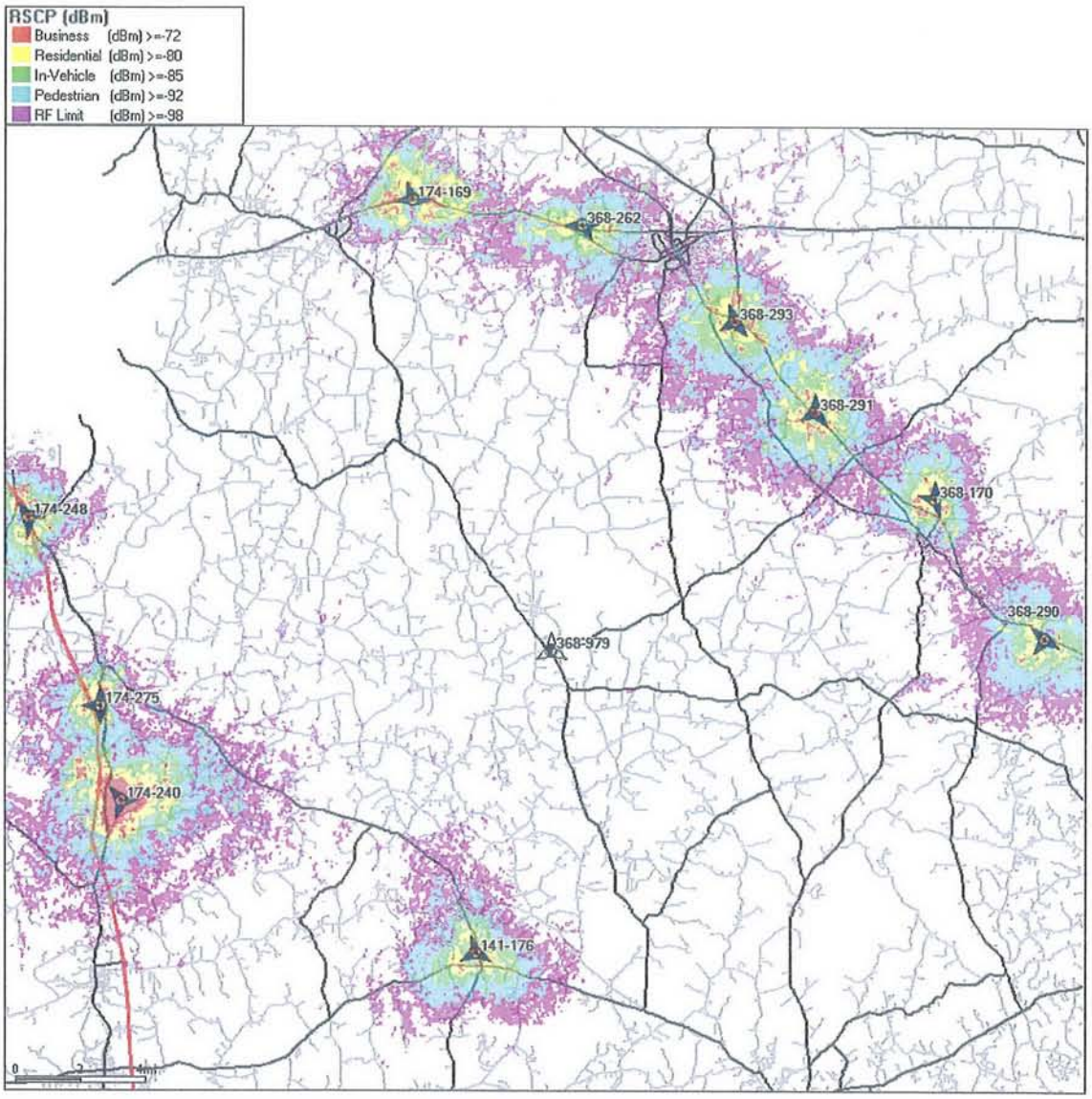
AT&T Mobility has been requested to provide justification for our proposed site 368-979. AT&T Mobility is currently in the process of enhancing/expanding our existing coverage in Chatham County. The proposed site will provide coverage to Highway 902, Highway 42, Bonlee Road and surrounding areas. Existing structures have been utilized whenever possible. **Figure 1** shows the general area within Chatham County that the new site will be located. In **Figure 1** blue text and corresponding icons indicate the location of all existing sites and the white text box indicates the location of the proposed site.

Figure 1: Map of AT&T Wireless' Existing and Proposed Sites



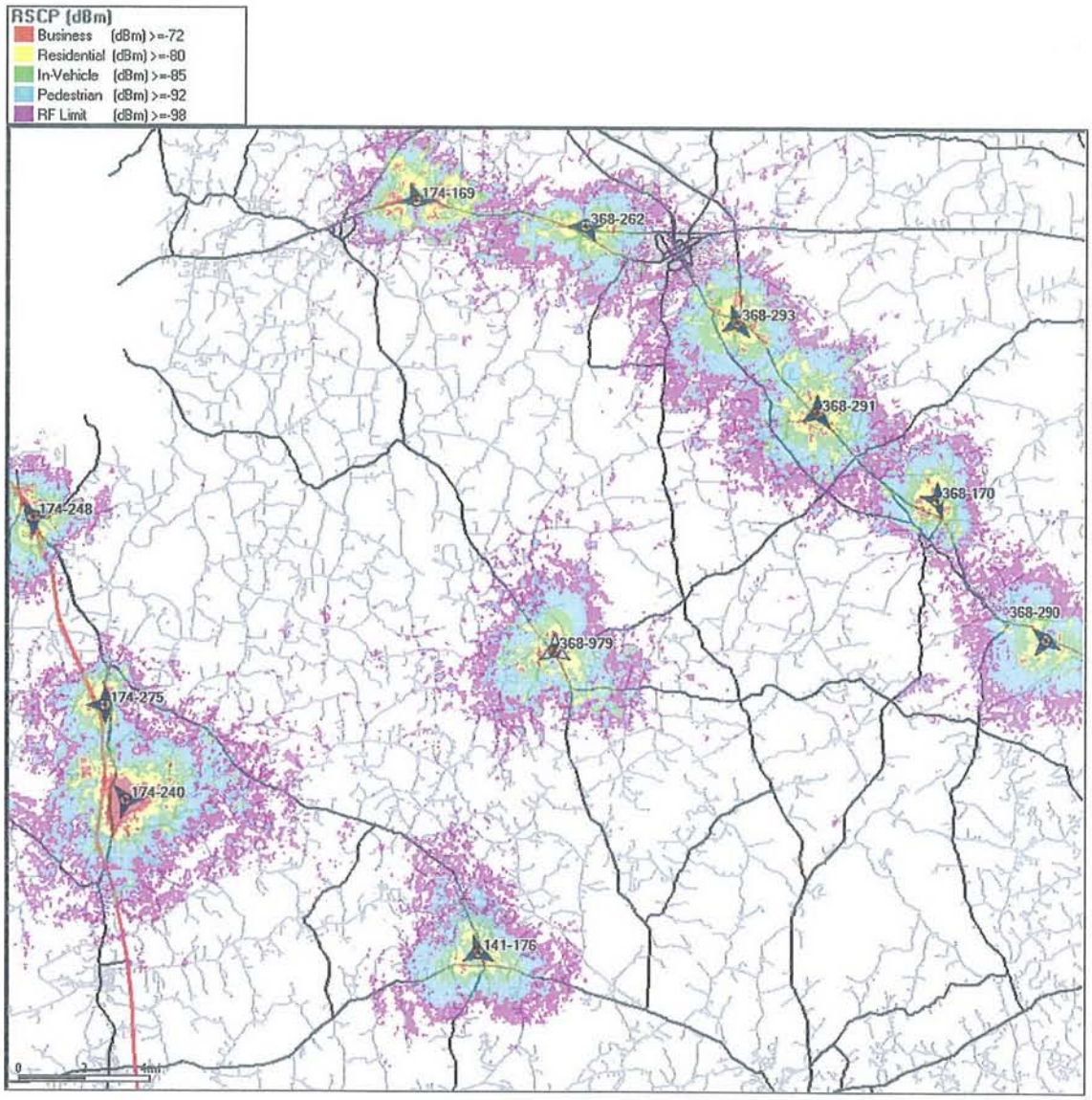
Currently AT&T Mobility does not have adequate coverage in the concerning area. Refer to **Figure 2**, which shows coverage without the proposed site 368-979.

Figure 2: Map of AT&T Wireless' Coverage without 368-979



With the addition of proposed site 368-979 AT&T Mobility will provide adequate coverage to Highway 902, Highway 42, Bonlee Road and surrounding areas. Refer to **Figure 3** which shows coverage with proposed site 368-979.

Figure 3: Map of AT&T Wireless' Coverage with 368-979



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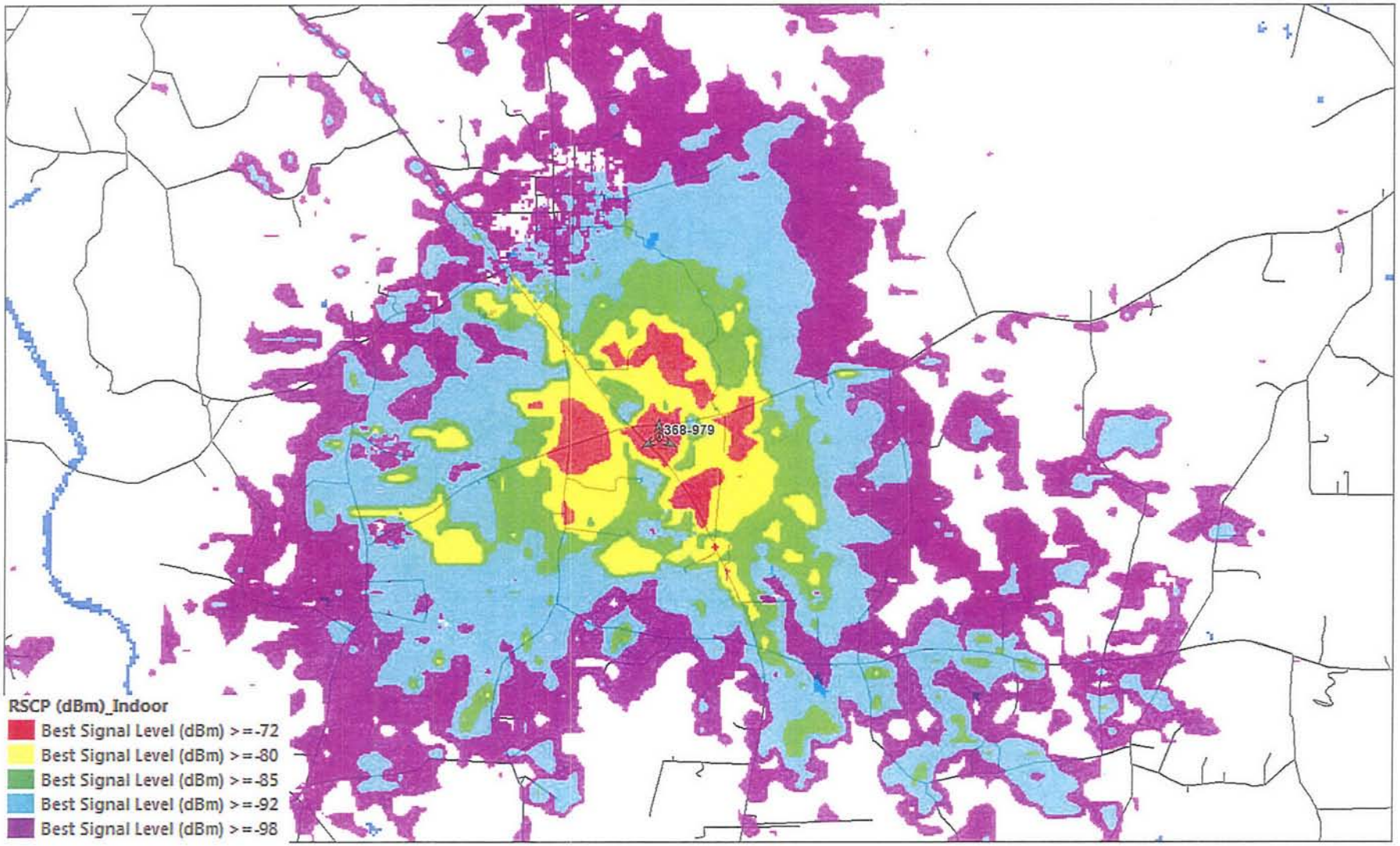
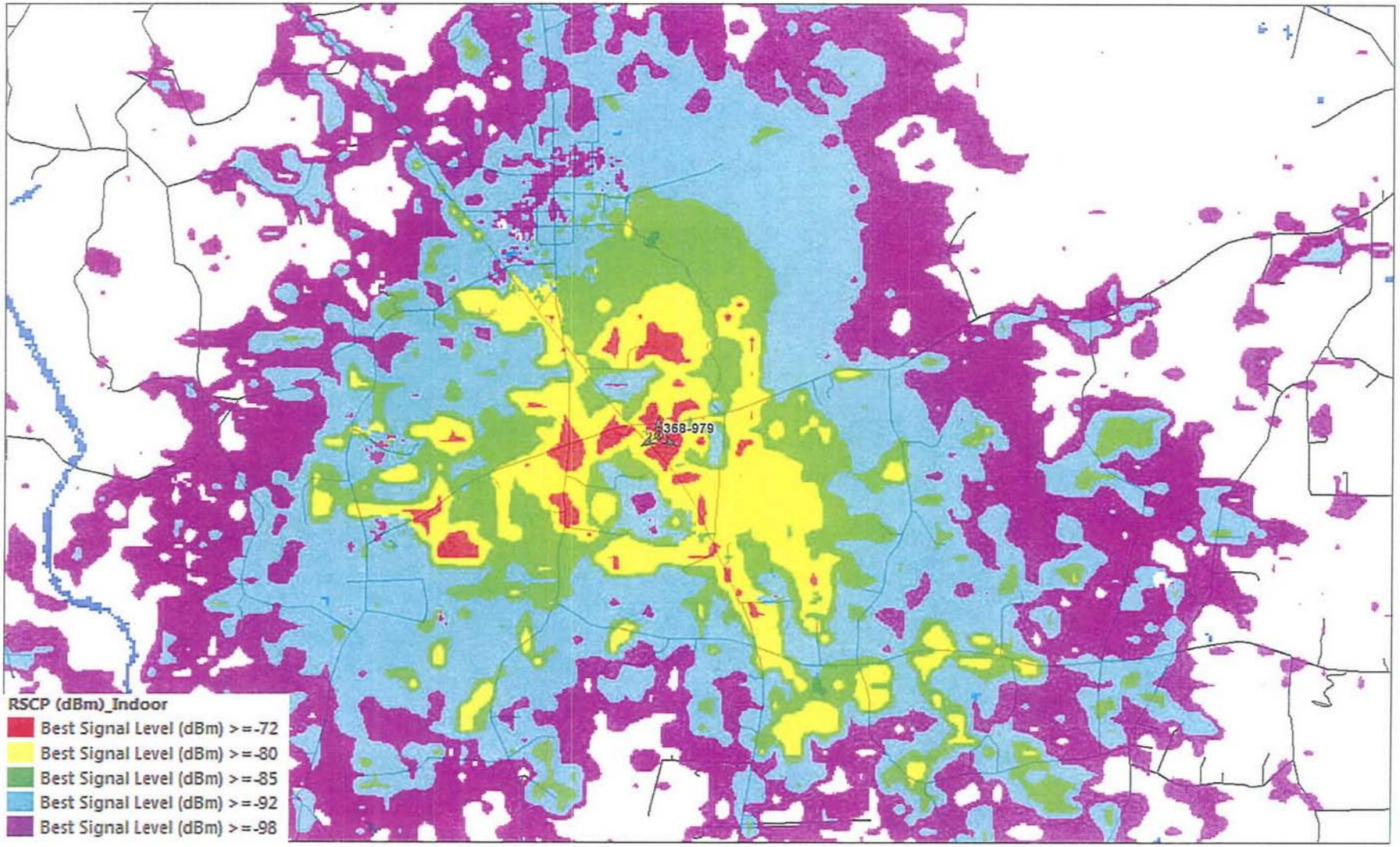
Indoor -368-979 Design at 195ft.



Indoor -368-979 Design at 300 ft.