



NEW SITE LOCATION
Brooktondale
Town Of Caroline, Tompkins County, New York

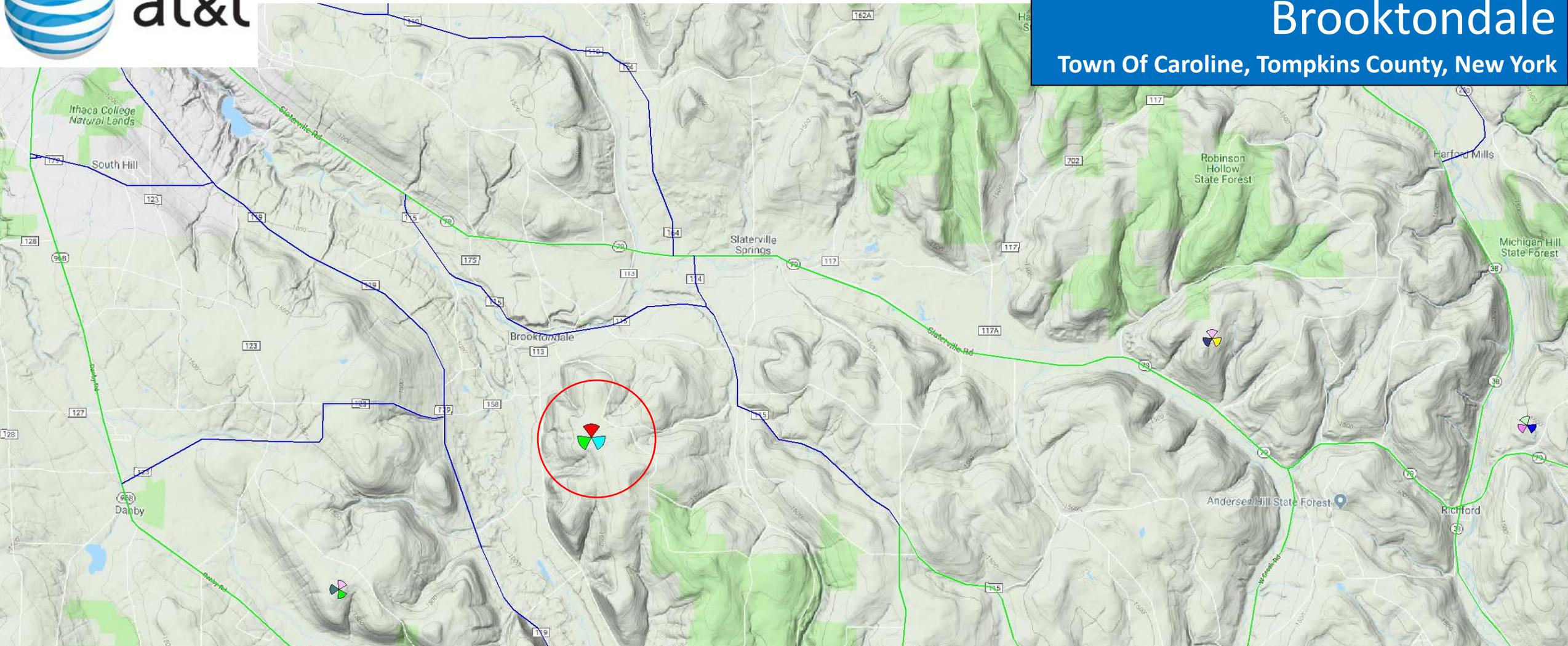
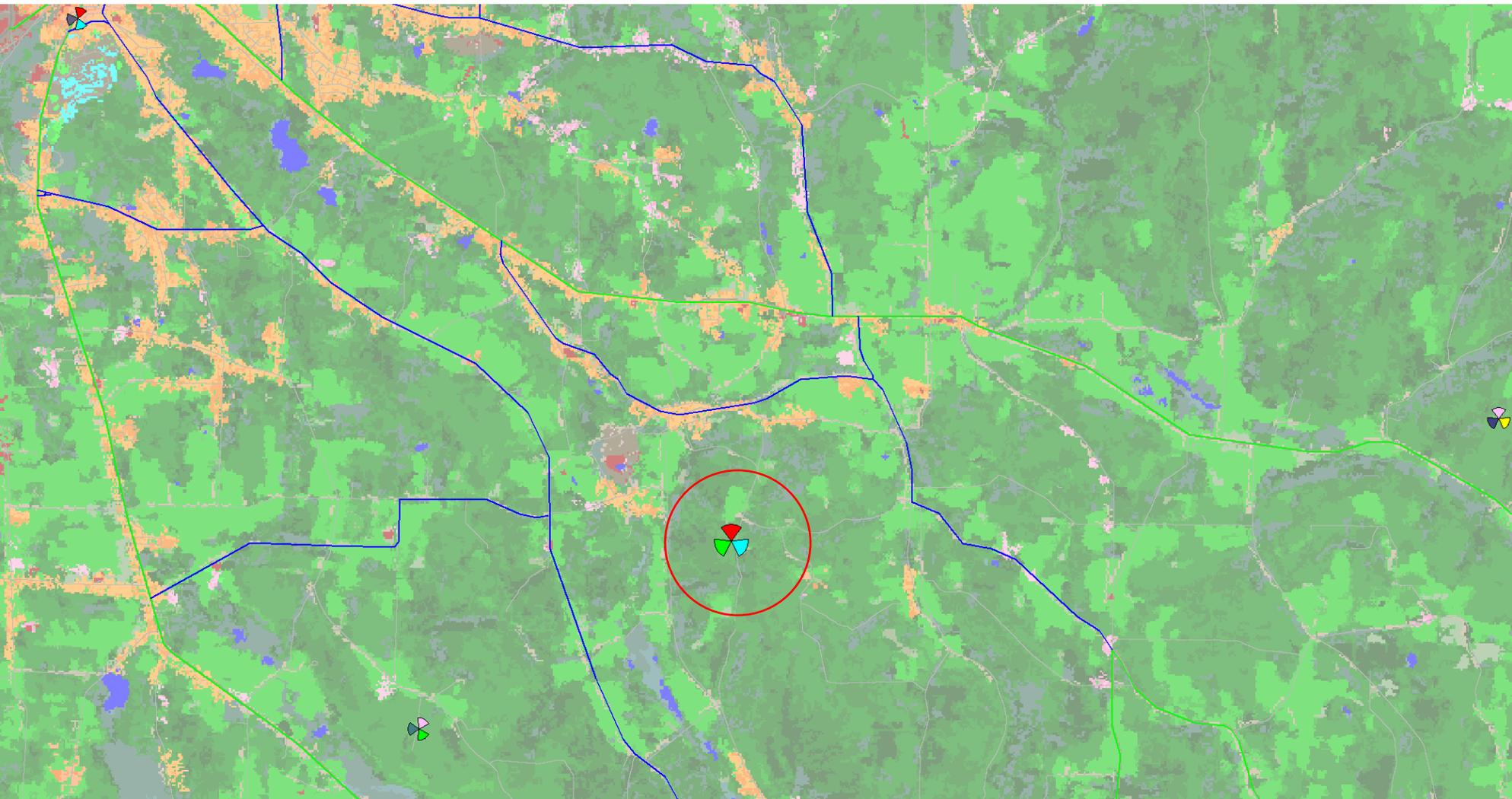


Exhibit 2: Clutter/Morphology



- 1 - Core Urban
- 2 - Dense Urban
- 3 - Urban
- 4 - Commercial_Industrial
- 5 - Suburban few Trees
- 6 - Suburban with Trees
- 7 - Residential few Trees
- 8 - Residential with Trees
- 9 - Rural few Trees
- 10 - Rural with Trees
- 11 - Convention Center
- 12 - Major Stadium
- 13 - Minor Stadium_Theme Park_Fairgrounds
- 14 - High School Building
- 15 - University_College Building
- 16 - Airport Runway
- 17 - Airport Terminal
- 18 - Airport Building
- 19 - Airport Rural
- 20 - Primary Road
- 21 - Secondary Road
- 22 - Tertiary Road
- 23 - Surface Street
- 24 - Other Paved_Impervious
- 25 - Golf Course_Park_Urban Recreation
- 26 - Open In Urban
- 27 - Open Suburban Residential
- 28 - Open Rural
- 29 - Grassland_Rangeland
- 30 - Cultivated Cropland
- 31 - Scrub Vegetation
- 32 - Shrubland_Woodland
- 33 - Deciduous Forest
- 34 - Coniferous Forest
- 35 - Mixed Forest
- 36 - Forested Wetland
- 37 - Wetland
- 38 - Inland Water
- 39 - Sea Water
- 40 - Hotel Casino
- 41 - Orchards

Exhibit 3: Existing LTE(4G) Current Coverage From Neighboring Sites

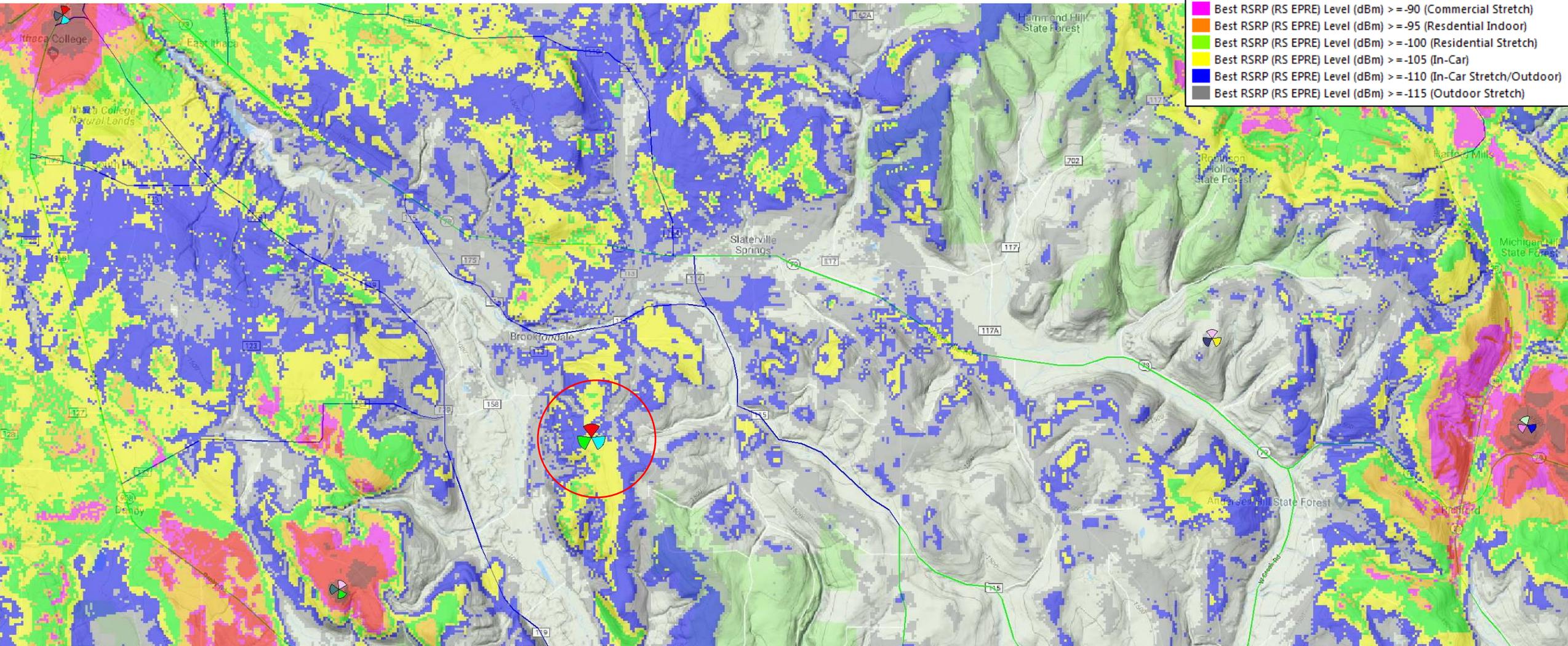
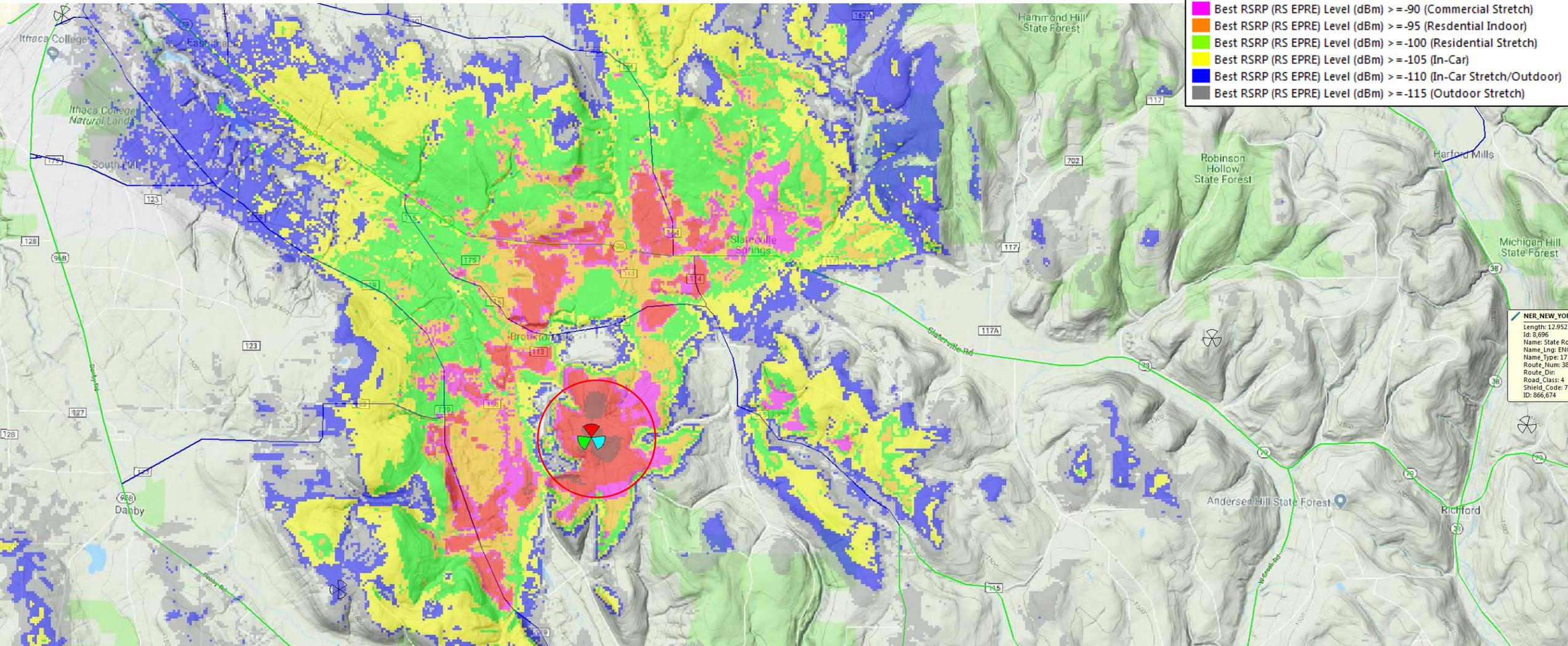


Exhibit 4: Proposed Brooktondale Raw Land @ 195Rc

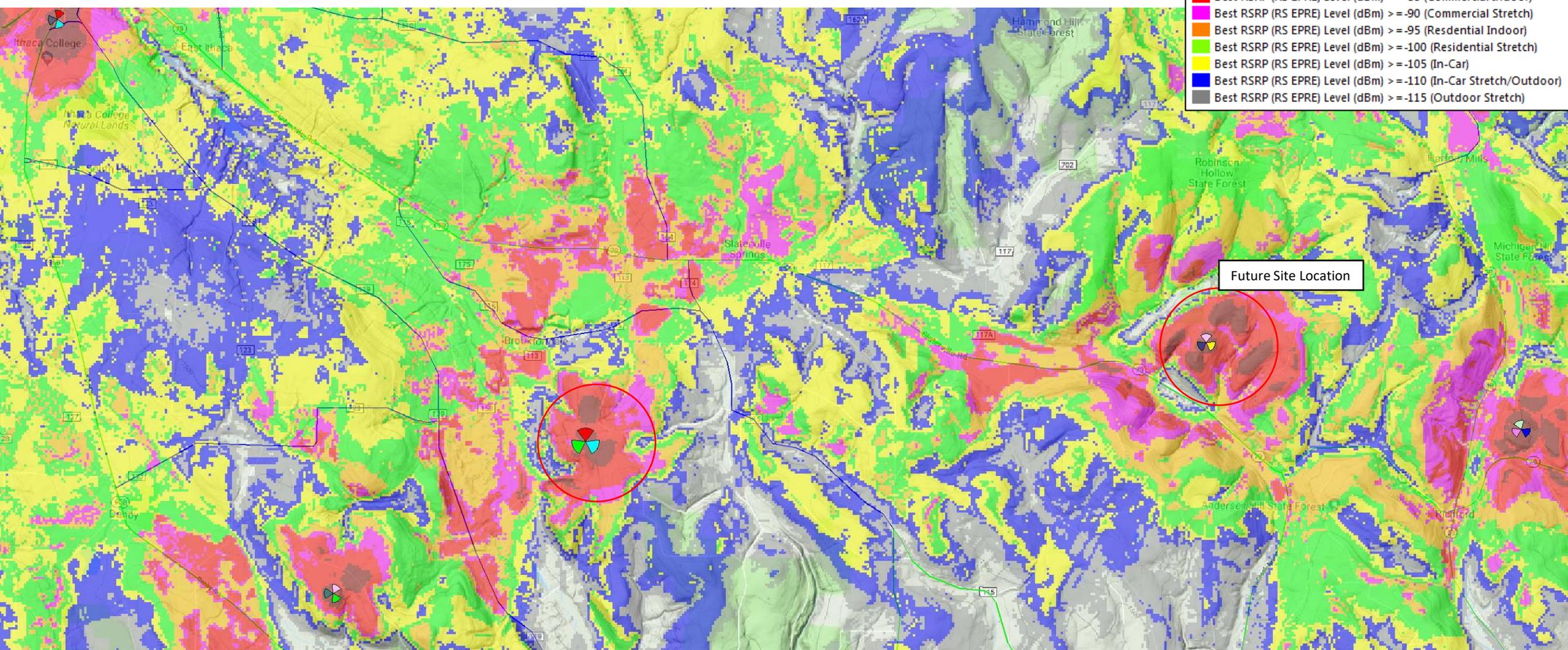


RSRP (dBm) - Outdoor

- Best RSRP (RS EPRE) Level (dBm) ≥ -75 (Dense Urban Indoor)
- Best RSRP (RS EPRE) Level (dBm) ≥ -85 (Commercial Indoor)
- Best RSRP (RS EPRE) Level (dBm) ≥ -90 (Commercial Stretch)
- Best RSRP (RS EPRE) Level (dBm) ≥ -95 (Residential Indoor)
- Best RSRP (RS EPRE) Level (dBm) ≥ -100 (Residential Stretch)
- Best RSRP (RS EPRE) Level (dBm) ≥ -105 (In-Car)
- Best RSRP (RS EPRE) Level (dBm) ≥ -110 (In-Car Stretch/Outdoor)
- Best RSRP (RS EPRE) Level (dBm) ≥ -115 (Outdoor Stretch)

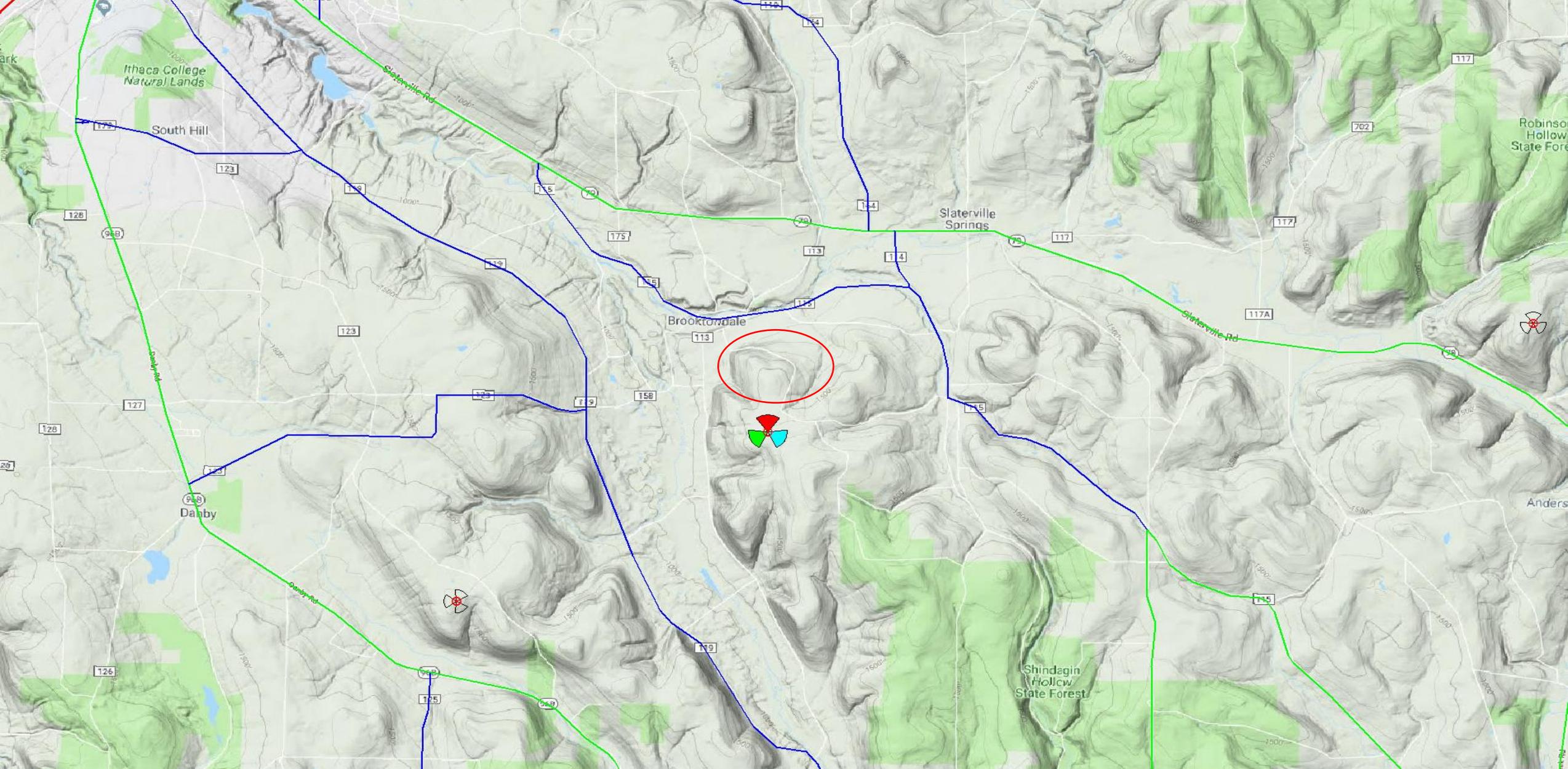
NER_NEW_YO
Length: 12.952
Id: 8,696
Name: State Ro
Name_Lng: EN
Name_Type: 17
Route_Num: 38
Route_Dir:
Road_Class: 4
Shield_Code: 7
ID: 866,674

Exhibit 5: Proposed LTE(4G) Coverage From Raw Land @ 195' Rc With Neighboring Sites And Future Site Location.



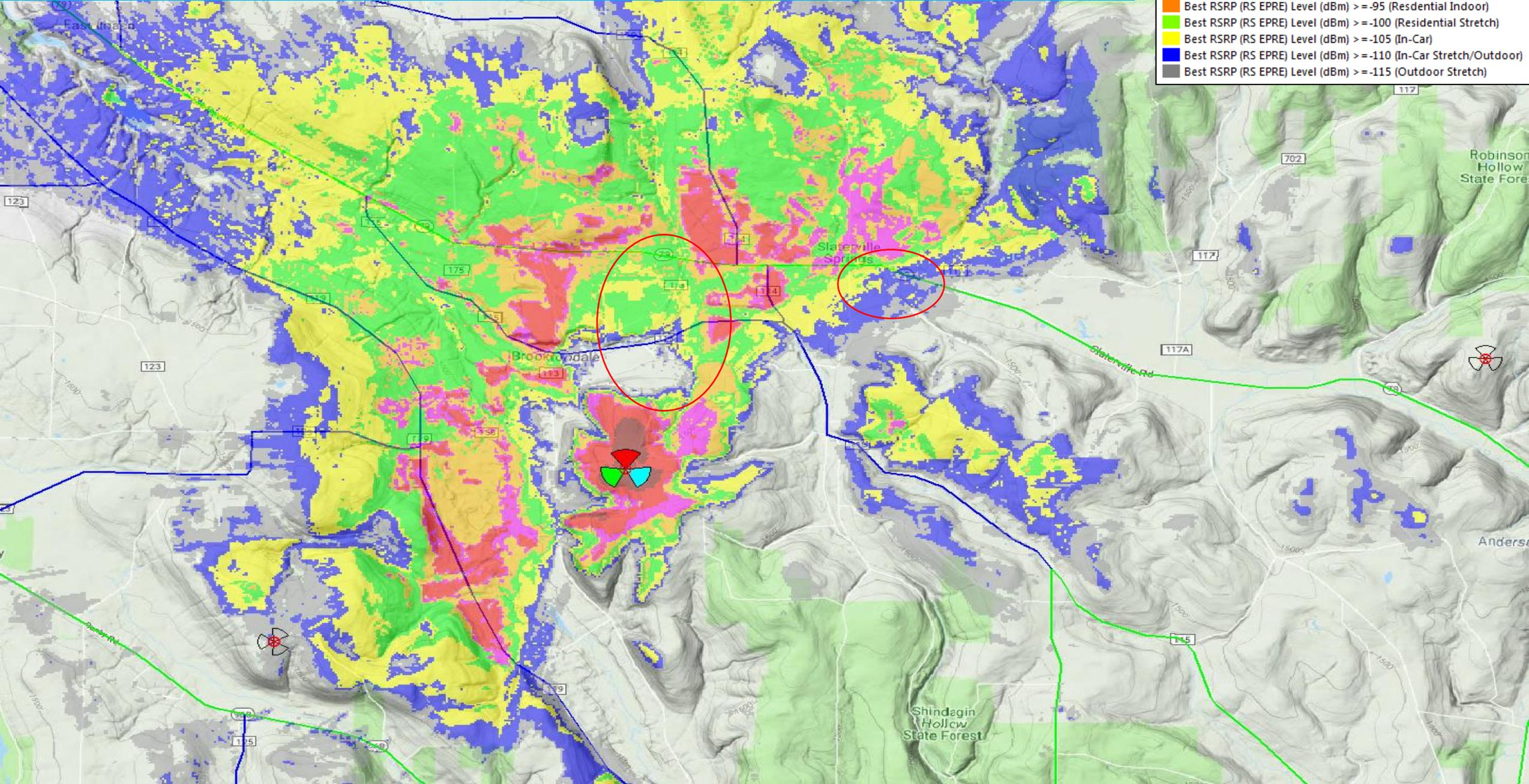
- RSRP (dBm) - Outdoor**
- Best RSRP (RS EPRE) Level (dBm) ≥ -75 (Dense Urban Indoor)
 - Best RSRP (RS EPRE) Level (dBm) ≥ -85 (Commercial Indoor)
 - Best RSRP (RS EPRE) Level (dBm) ≥ -90 (Commercial Stretch)
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 - Best RSRP (RS EPRE) Level (dBm) ≥ -115 (Outdoor Stretch)

Circled area below indicates hill and drop off north of hill in question which in return will shadow the signal at a tower Rc of 135. A higher Rc of 195 helps us move the stronger portion of the signal closer to the base of the hill by allowing us to down tilt the antennas and focus the signal closer to County Route 115 as well as help with connecting coverage on rt 79 to future site Caroline.



135 Rc: Propagation model. Circled areas below show coverage areas in question. County Road 115 to Route 79 coverage.

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 - Best RSRP (RS EPRE) Level (dBm) ≥ -90 (Commercial Stretch)
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 - Best RSRP (RS EPRE) Level (dBm) ≥ -115 (Outdoor Stretch)



195 Rc Propagation model. Circled areas below show coverage areas in question. Higher height will help coverage on county Route 115 and in building, in car coverage on rt 79 along with surrounding areas within circle.

- Best RSRP (RS EPRE) Level (dBm) ≥ -75 (Dense Urban Indoor)
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