



September 16th, 2019

Town of Caroline
2668 Slaterville Road
Slaterville Springs, NY 14881

Re: Town of Caroline Tower Height Waiver for a Telecommunications Facility Sited at 340 Bald Hill Road, Brooktondale, NY Tax Parcel 15.-1-58

Dear Review board,

The Brooktondale site located at 340 Bald Hill Road is specifically designed and ideally situated to address a significant coverage gap within AT&T's wireless network. The purpose of this facility is to improve AT&T's in-car and in-building wireless service along Routes 79 (Slaterville Road), Cr 119 (Coddington Road) and surrounding Brooktondale area in the Town of Caroline as stated in the Exhibit G. Propagation Maps .04.24.2019 letter from Arthur Capwell.

As requested by the review board AT&T has run the East Miller Road co-location propagation map at the available height of 70 feet, slide two (2) of Exhibit G. Propagation Maps .9/10/2019. The East Miller Road tower does not improve AT&T's in-car and in-building coverage gap along Route 79 (Slaterville Road), the Hamlet of Brooktondale, or the fire station. The grey color depicts 115 dBm outdoor stretch, see legend in top right-hand corner.

Slide three (3) shows the proposed Bald Hill Road coverage at 135 feet and slide four (4) shows the proposed coverage at 195 feet. The difference between these two slides are less grey and blue colors and more yellow and green. As you can see the 195-foot tower will provide more coverage in the area for AT&T, First Net, future carriers, the Hamlet of Brooktondale, and the fire station.

AT&T and Airosmith have provided the required funds for the town to hire an outside engineer to review the previous documents, it is my understanding Taitem Engineering has reviewed and agreed with AT&T the proposed 195-foot tower would provide more coverage for AT&T and First Net.

Best Regards,

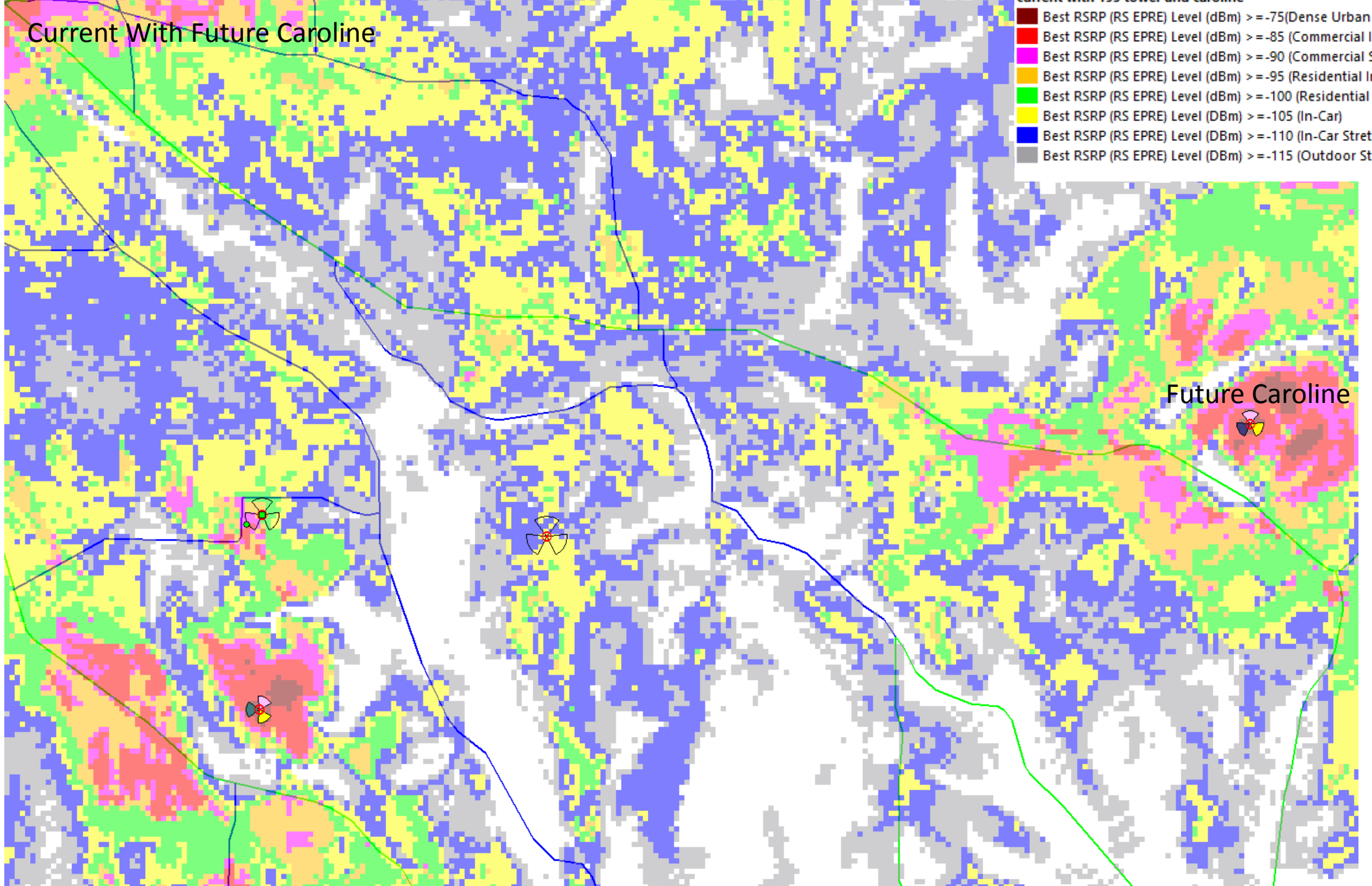
Mark Fuentes

Mark Fuentes
Site Acquisition Specialist
Airosmith Development

Current With Future Caroline

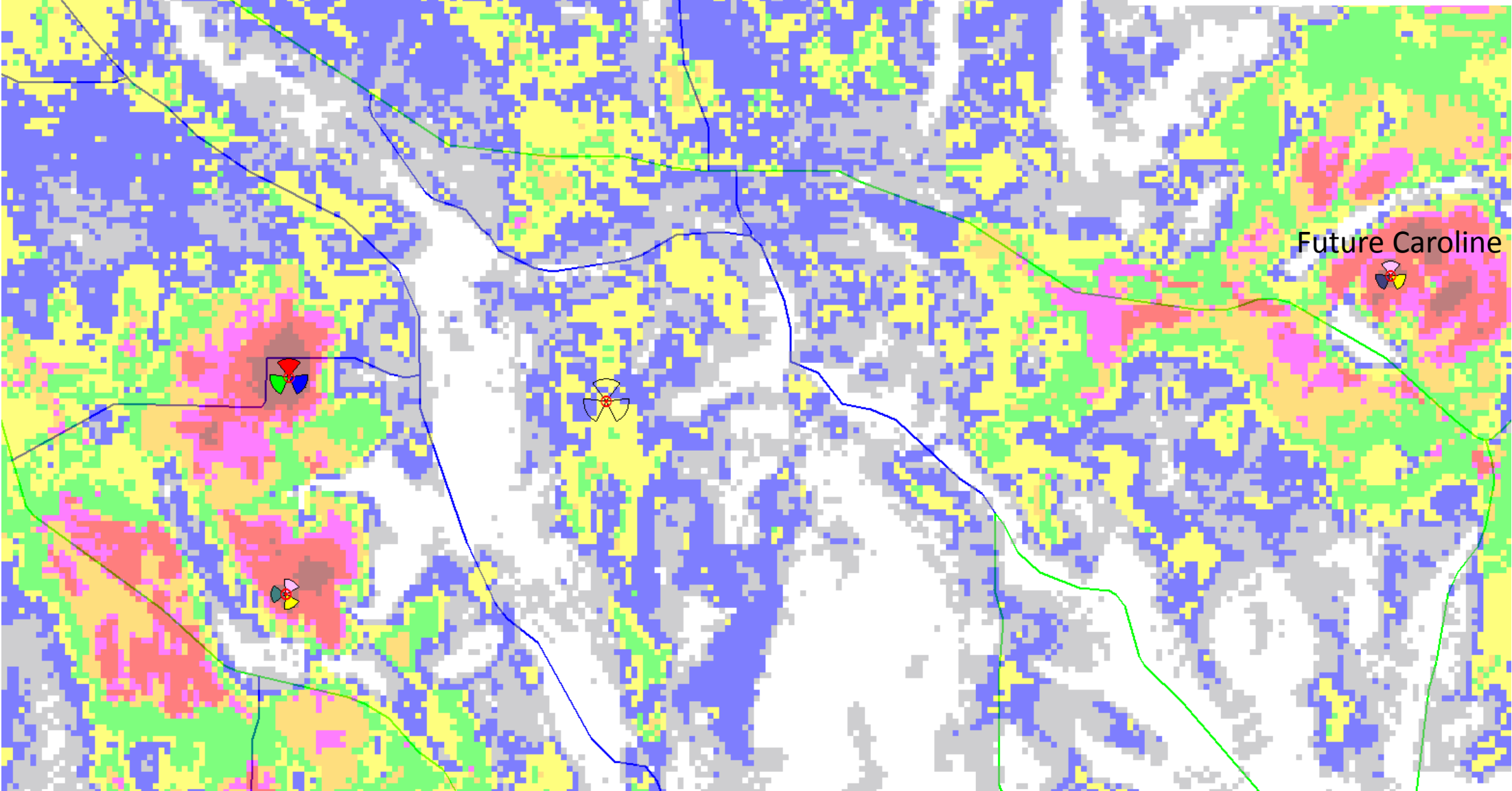
- Best RSRP (RS EPRE) Level (dBm) ≥ -75 (Dense Urban Indoor)
- Best RSRP (RS EPRE) Level (dBm) ≥ -85 (Commercial Indoor)
- Best RSRP (RS EPRE) Level (dBm) ≥ -90 (Commercial Stretch)
- Best RSRP (RS EPRE) Level (dBm) ≥ -95 (Residential Indoor)
- Best RSRP (RS EPRE) Level (dBm) ≥ -100 (Residential Stretch)
- 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)

Future Caroline



New Location(East Miller Road) 70 RC With Future Caroline

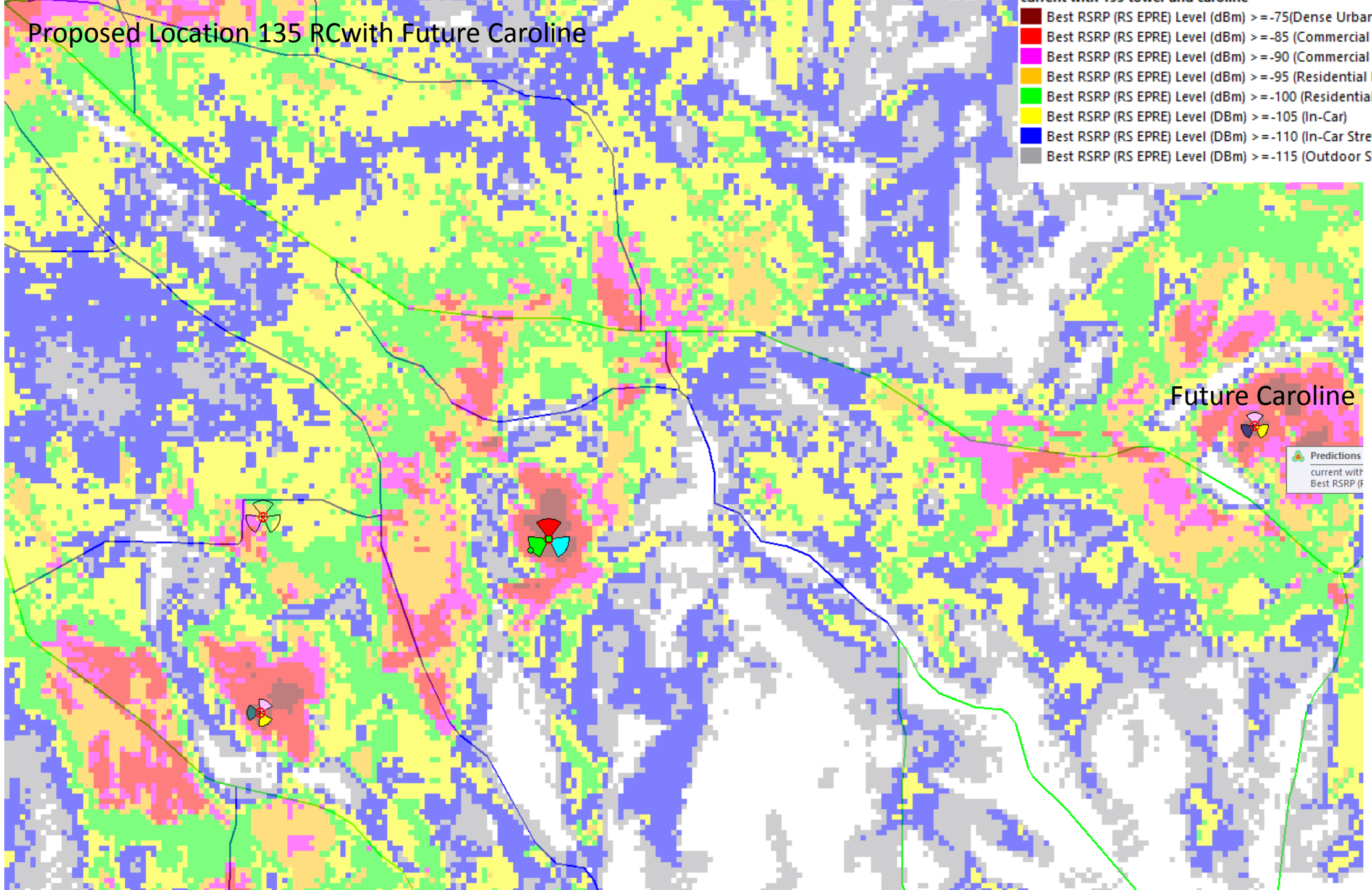
- Best RSRP (RS EPRE) Level (dBm) ≥ -75 (Dense Urban Indoor)
- Best RSRP (RS EPRE) Level (dBm) ≥ -85 (Commercial Indoor)
- Best RSRP (RS EPRE) Level (dBm) ≥ -90 (Commercial Stretch)
- Best RSRP (RS EPRE) Level (dBm) ≥ -95 (Residential Indoor)
- Best RSRP (RS EPRE) Level (dBm) ≥ -100 (Residential Stretch)
- 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)



Future Caroline

Proposed Location 135 RCwith Future Caroline

- 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)

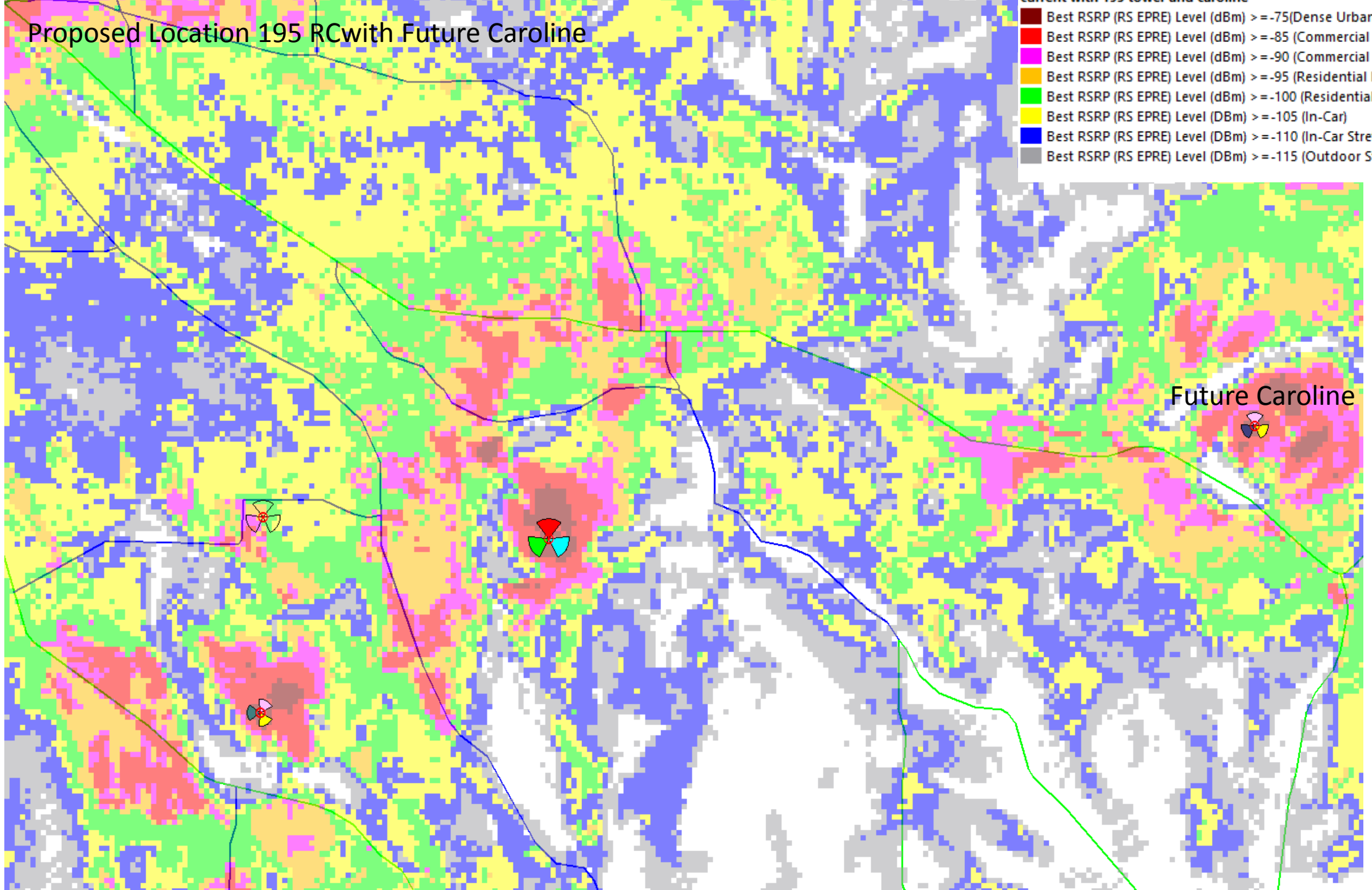


Future Caroline

Predictions
current with
Best RSRP (F

Proposed Location 195 RCwith Future Caroline

- 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)
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Future Caroline