San Diego
CAL00467 Design Analysis

April, 21 2015

Chet Patel

© 2014 AT&T Intellectual Property. All rights reserved. AT&T and the AT&T logo are trademarks of AT&T Intellectual Property.
AT&T Proprietary (Internal Use Only) Not for use or disclosure outside the AT&T companies except under written agreement.

SDC PDS RCVD 04-27-15
MUP91-006W2

Overview

Design Analysis for CAL00467 is conducted under the following criteria

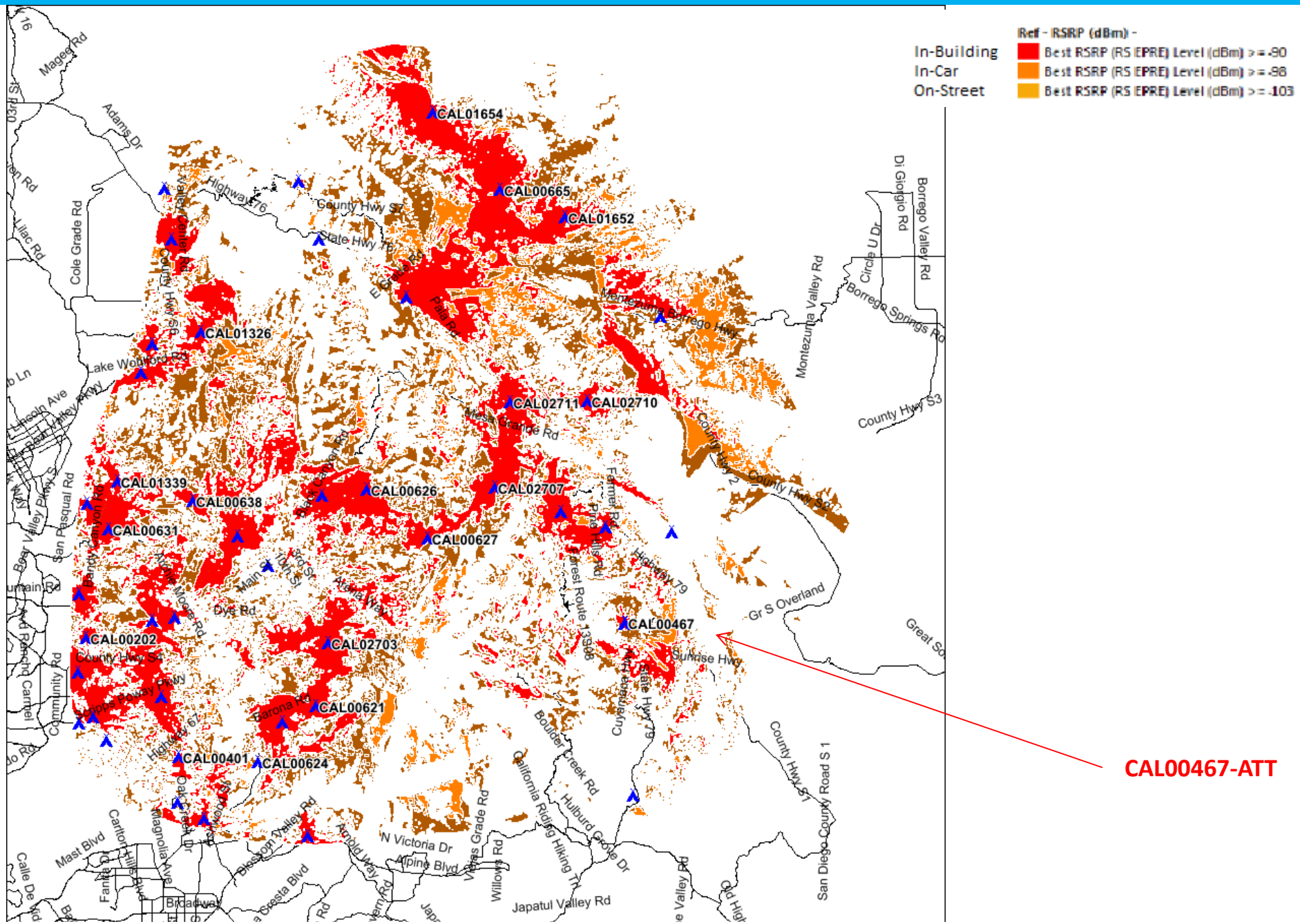
- Existing Verizon tower versus the AT&T tower

- The Verizon tower Rad Center = 62 feet
  - Lat = 33-00-22.85 (DMS) / 33.00634722 (Dec)
  - Long = -116-35-10.26 (DMS) / -116.586183 (Dec)
- AT&T
  - Multiple Rad centers
  - Lat = 33.00675
  - Long = -116.586306

- Overall, the coverage produced from the AT&T tower is best suited than the Verizon tower.
  - With the VZW tower, loss of coverage is introduced on:
    - Hwy 79
    - State Hwy 79
    - San Diego County Road S1
    - County Hwy 2, Northeast of Verizon site

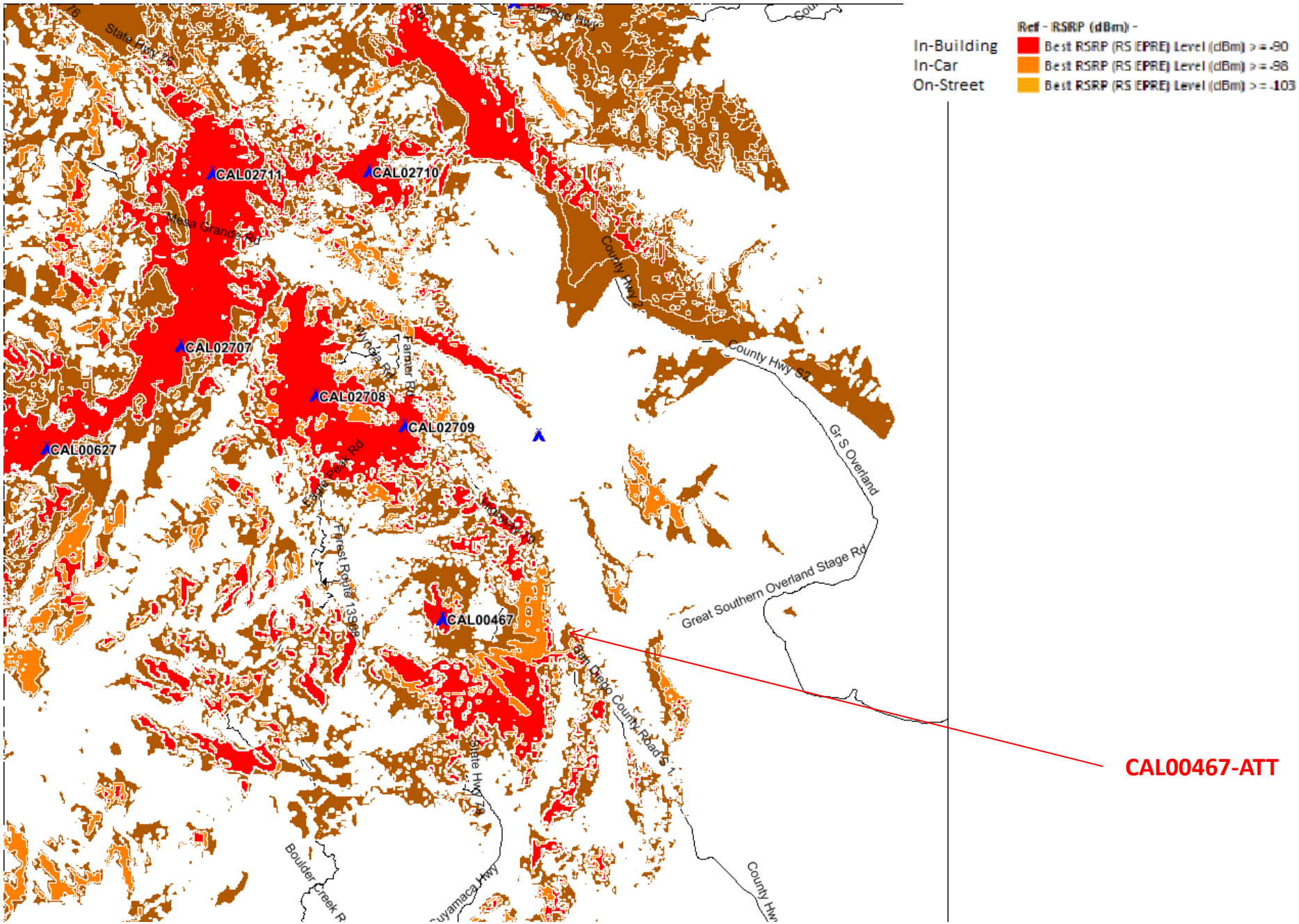
CAL00467 – Verizon Tower Location

CAL00467 – ATT Tower Rad Center = 67’ - RSRP

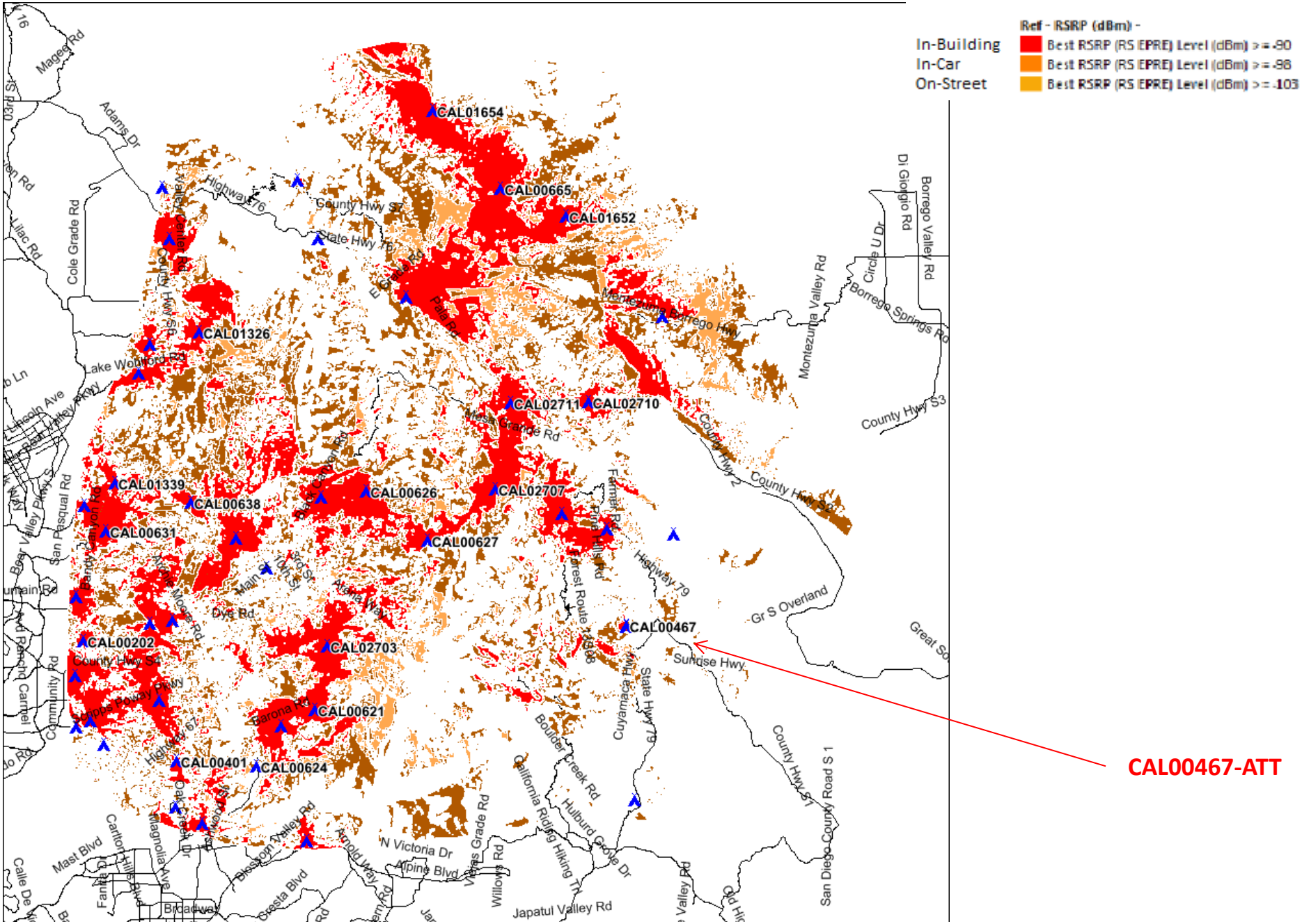


CAL00467-ATT

CAL00467 – ATT Tower Rad Center = 67' – Zoom RSRP

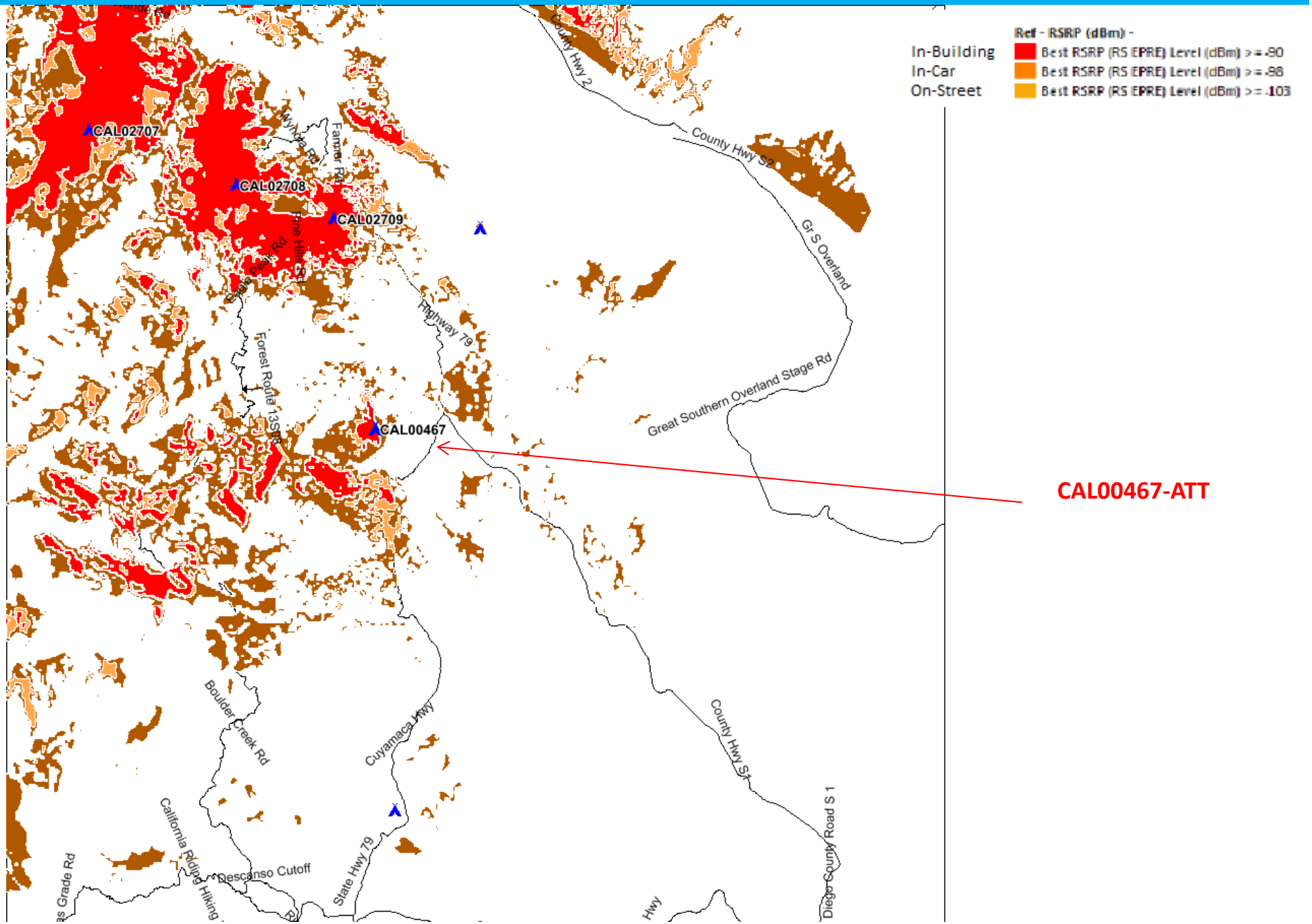


CAL00467 – ATT Tower Rad Center = 57’ - RSRP

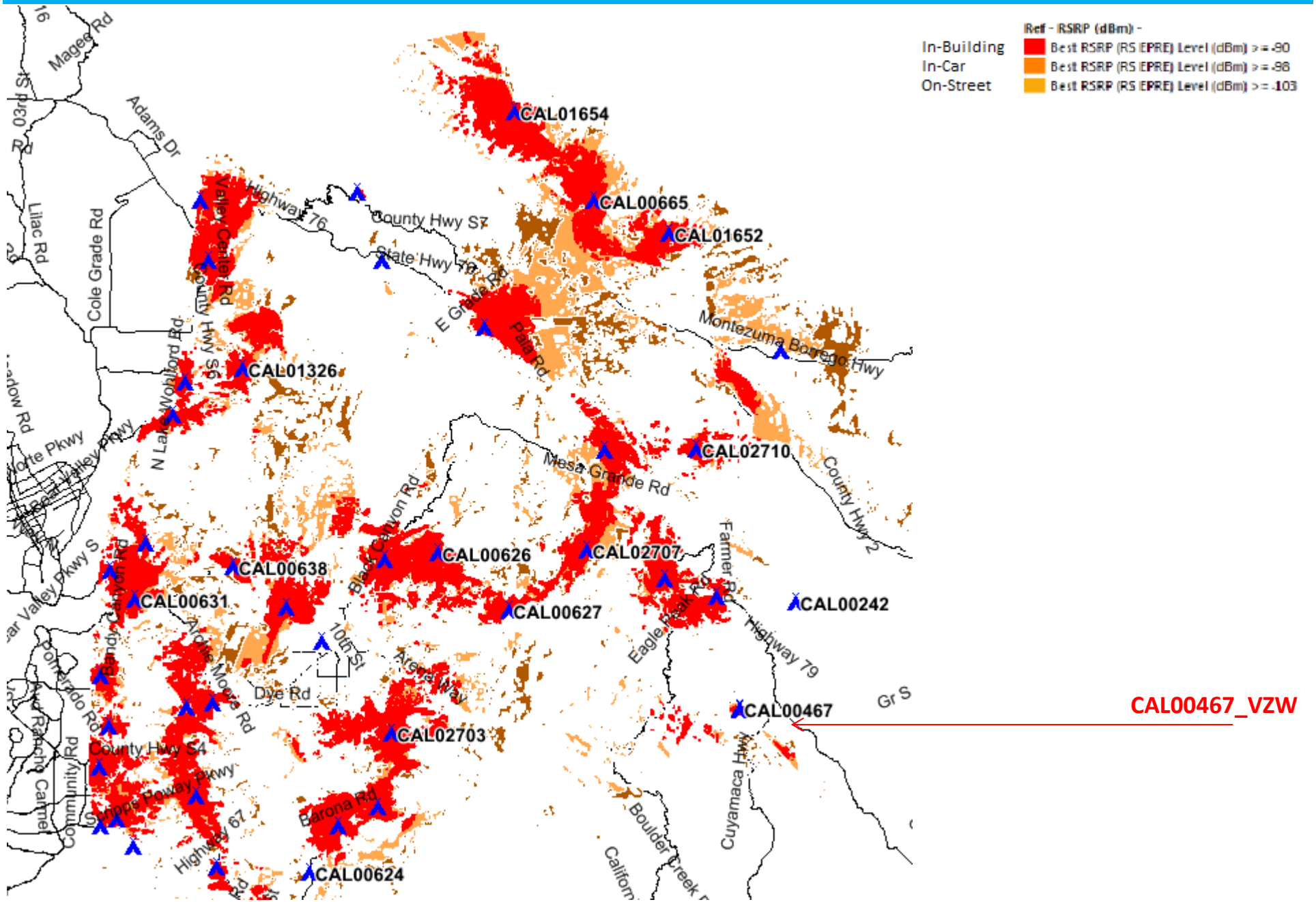


CAL00467-ATT

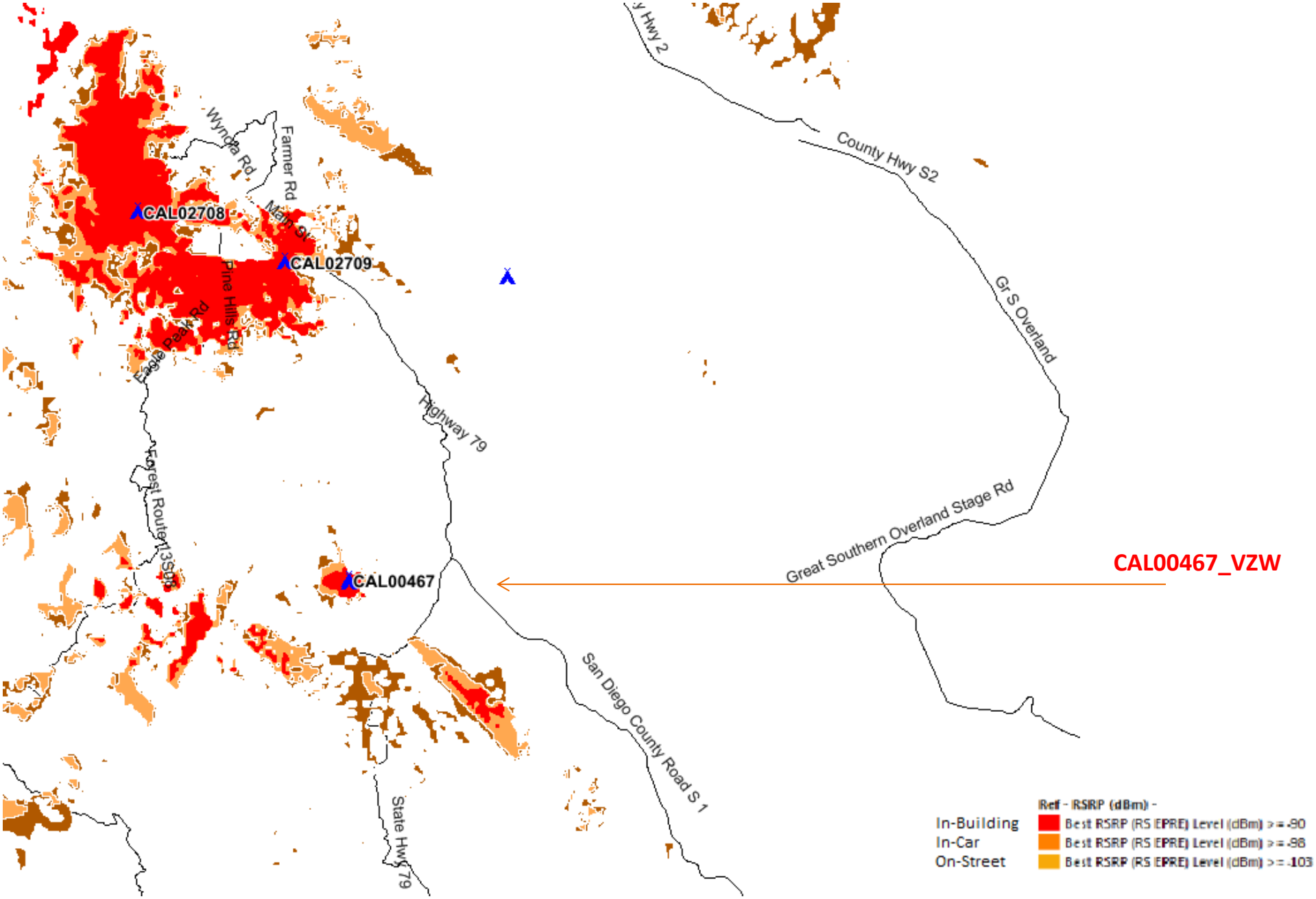
CAL00467 – ATT Tower Rad Center = 57’ – Zoom RSRP



CAL00467 – Verizon Tower Rad Center = 62’ - RSRP



CAL00467 – Verizon Tower Rad Center = 62’ - RSRP



Q & A

© 2014 AT&T Intellectual Property. All rights reserved. AT&T and the AT&T logo are trademarks of AT&T Intellectual Property.
AT&T Proprietary (Internal Use Only) Not for use or disclosure outside the AT&T companies except under written agreement.