

Exhibit 5
Radio Frequency Justification Letter



PHO Shangrila

Site Justification

Nikhil Jadhav

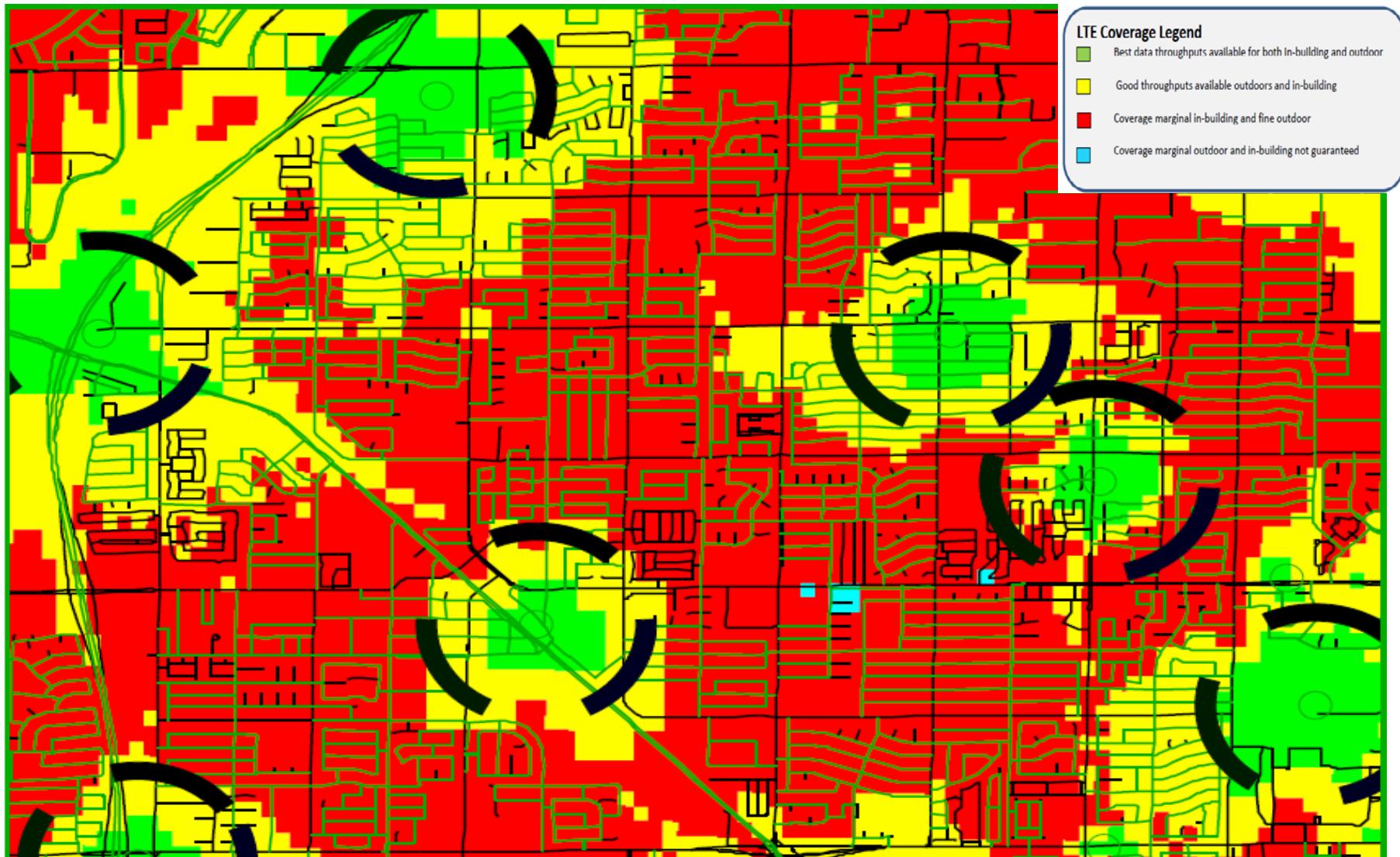
VZW South Central - RF Design

January 18, 2017



LTE RSRP Coverage Maps

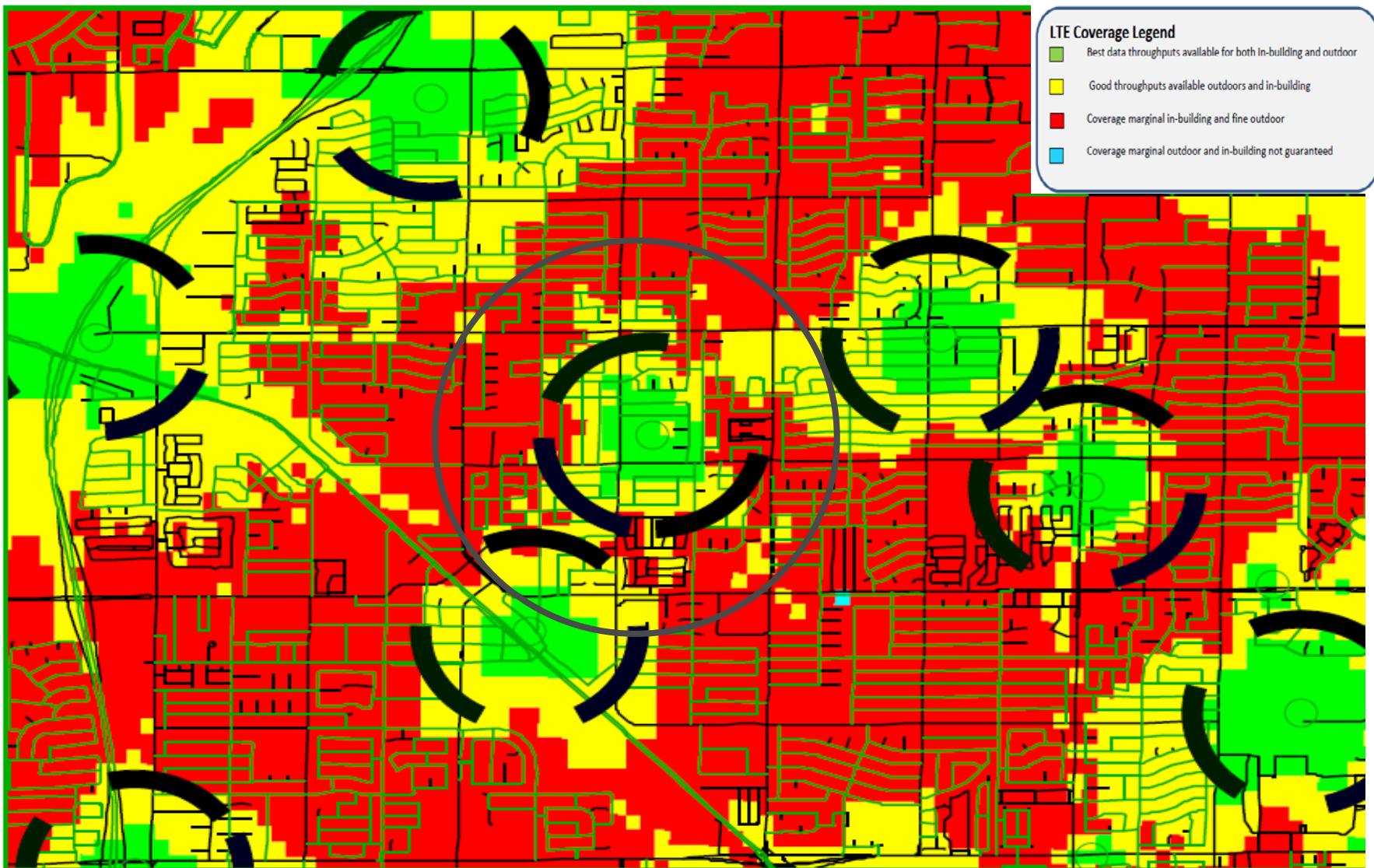
Current Coverage





LTE RSRP Coverage Maps

Coverage with PHO Shangrila





PHO Shangrila

Need for the site

- The current coverage in the intended area of the site is marginal to acceptable in terms of LTE Data throughput
- The following sectors will be exhausted on FVD Data Capacity
 - PHO Mescal Sector 3 – EOY 2018
 - PHO Heavenly Sector 1 – EOY 2016 (Currently exhausted)
 - PHO Heavenly Sector 2 – EOY 2018
 - PHO Cactus Sector 2 - EOY 2019
 - PHO 67th/Peoria Sector 3 – EOY 2016 (Currently exhausted)



PHO Shangrila

What will it improve....

- The new macro site PHO Shangrila, activated @ 56' with 700/AWS/PCS Band carriers, will provide enhanced data throughput to the residential neighborhood around the area along with improved the user experience
- This new macro site will also act as capacity offload to the four first tier surrounding neighbor sites (listed on the previous slide), so that they won't be exhausted on FVD Data Capacity and VZW can continue to provide their users with reliable UPTP as advertised
- The addition of this macro site will enable the area (the existing sites and the new additional site) to handle the user growth up to 2018/2019, while continuing to provide VZW customers with robust coverage and data throughputs
- This is a capacity New Build site and will address customer concerns in the area regarding data throughput and will also improve VOLTE call experience

Site List (within 3 mile radius)

PHO Shangrila

