

# The Accuracy of Radar Imaging Case Study

**200 year old Valley Oak Tree January 6, 2014**

Homeowner was concerned about the safety of the tree, its massive limbs stretched over both houses and it had some areas of decay.

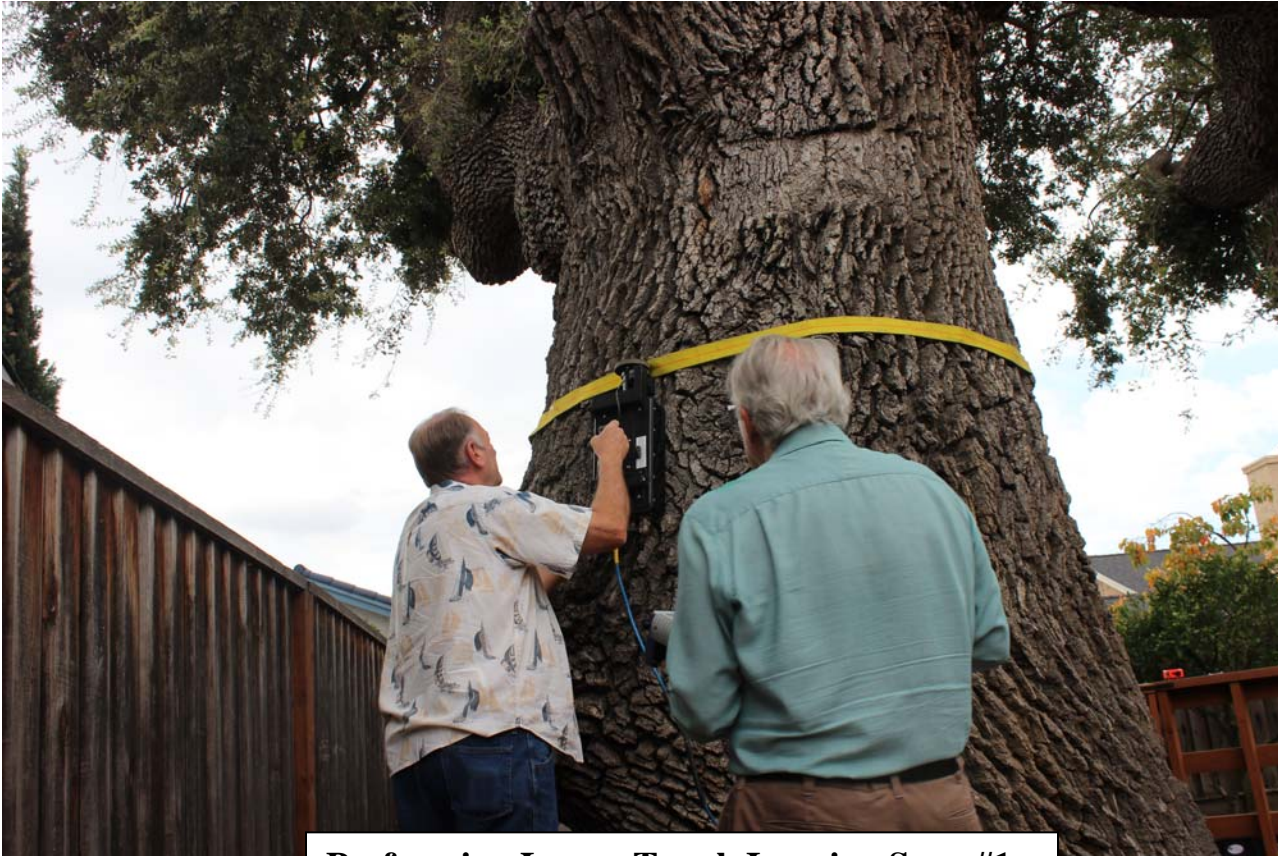








**Performing Trunk Imaging Scan #4**  
Photo below

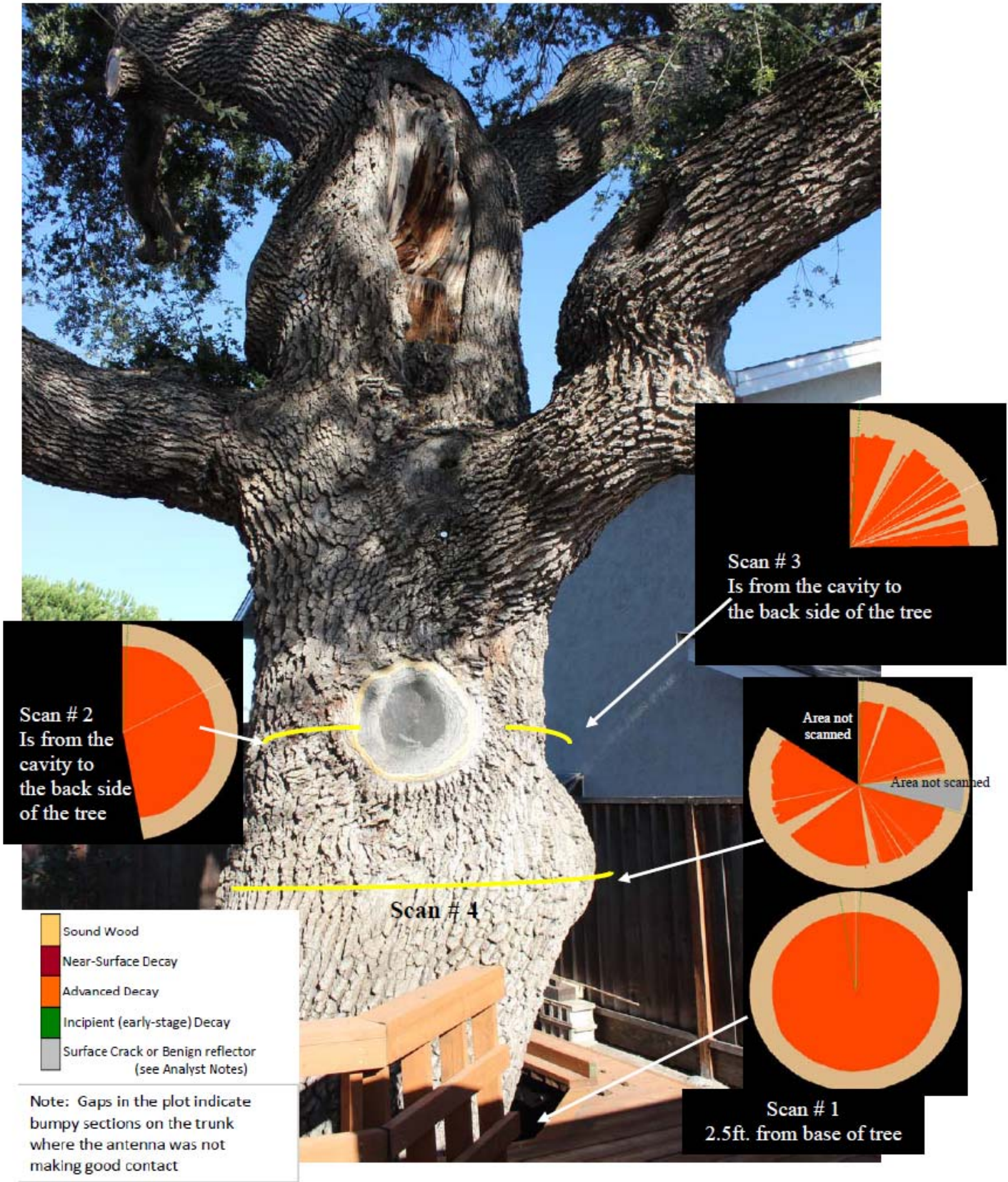


**Performing Lower Trunk Imaging Scan #1**  
Below the decking

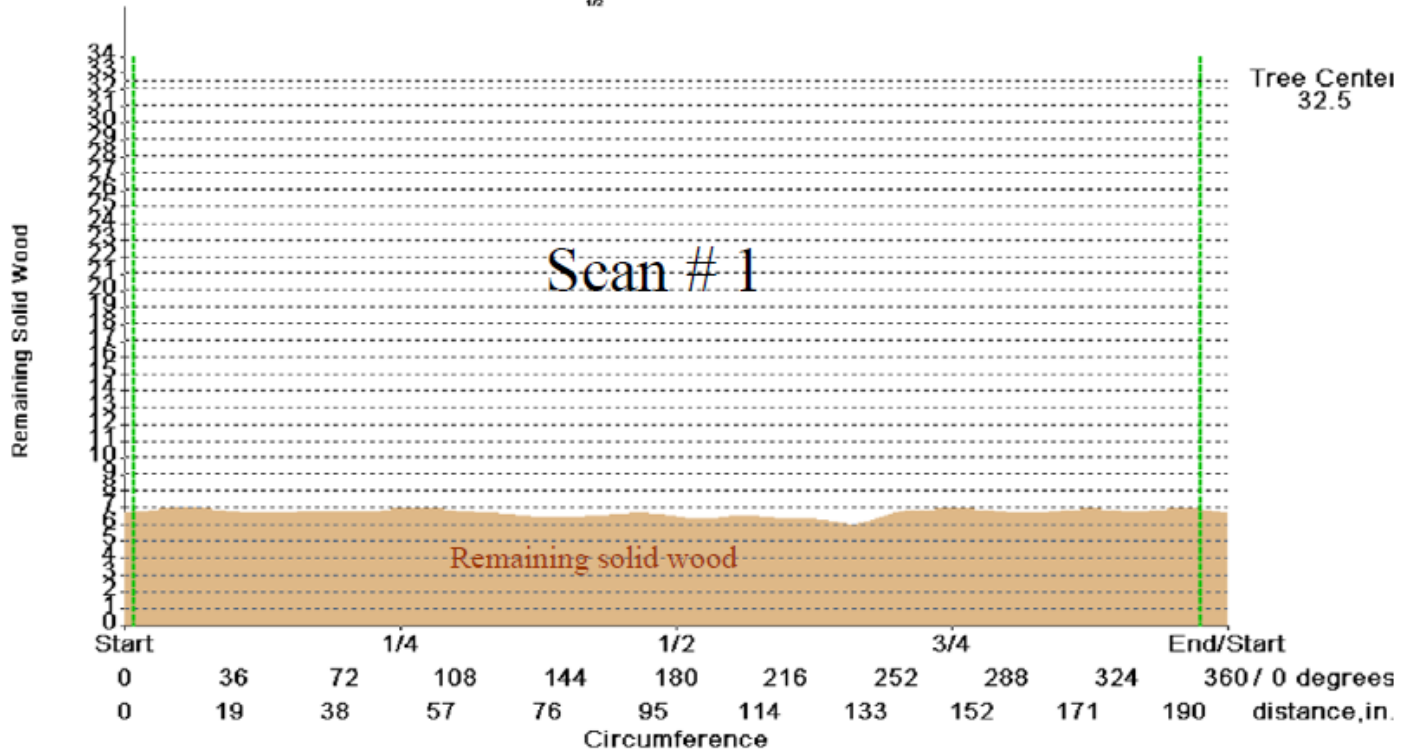
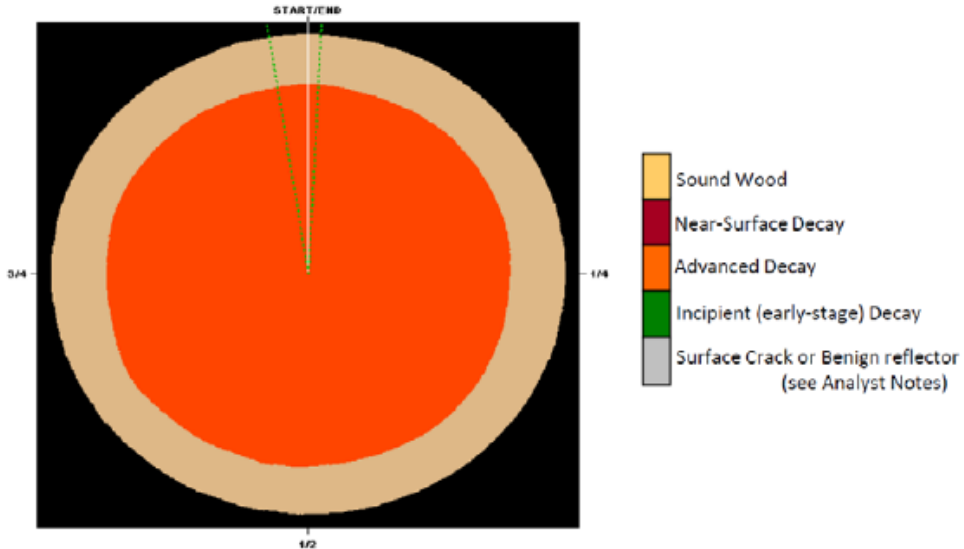




# The Results of all four scans



Alex Johnsen-Valley Oak - 2.5ft Elevation - Dia = 65in (1) - 9 Oct 13



Analyst Notes: Appears to be advanced decay throughout the entire trunk at this elevation with an average remaining solid wood of approximately 7 inches.

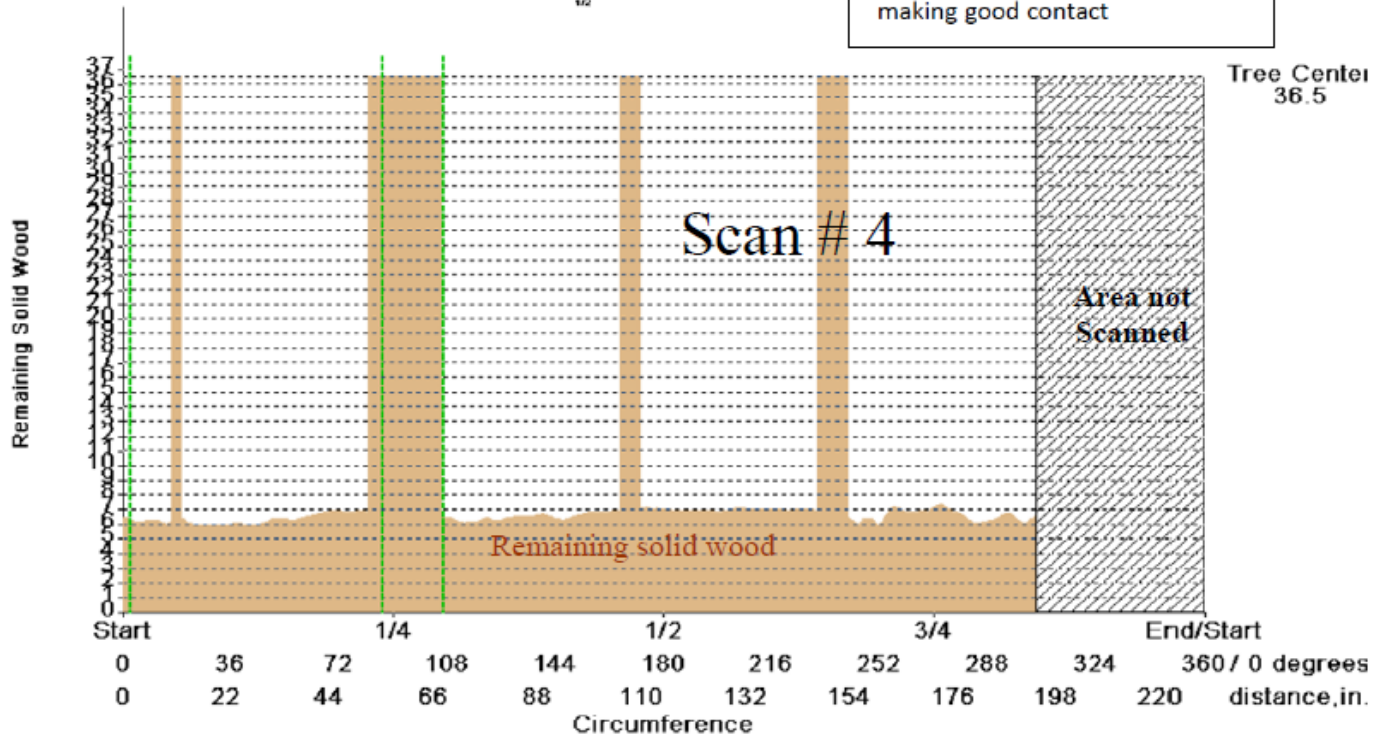
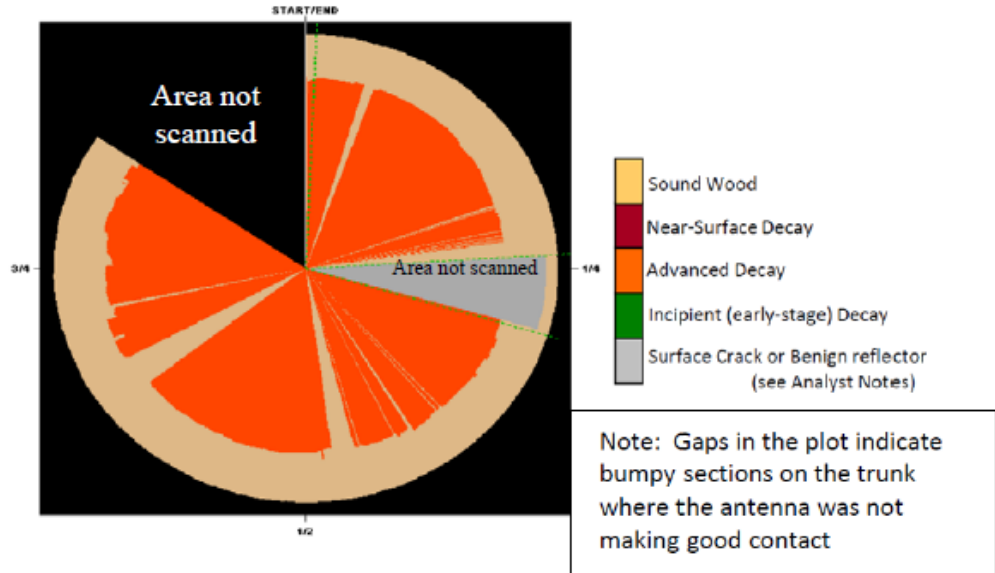








Alex Johnsen-Valley Oak - 7.5ft SECTOR Elevation - Dia = 73in (4) - 9 Oct 13



Analyst Notes: Appears to be advanced decay throughout the entire sector at this elevation with an average remaining solid wood of approximately 7 inches. The gray area is where the antenna was over a depression.











## Scan # 4

Averages 7 inches of solid wood around the trunk perimeter as predicted.





