



AICON DPA PRO SYSTEM - ANTENNA MEASUREMENT

ISSUE: Determine the deformation of 24 ft diameter antenna dish due to solar heating effects.

EQUIPMENT: Photogrammetry

EFFORT: Measurements were made at regular intervals during a 24 hour period. The Aicon DPA Pro system was used to automatically measure and process the series of photographs. The deformation tool in the software allows comparison of dish measurements between epochs to be conducted efficiently.



BENEFIT: Given the measurements of the dish, the analysis of the results was quickly conducted with the deformation module in the Aicon DPA Pro software.

