

Technical Note P-08-010-003_TN001_101201

OmniPro-Accept Air Profile Measurement Data Transfer to Oncentra Master Plan

Issue:

It was observed that, in some cases, the air profile conversions from OmniPro-Accept to Oncentra MasterPlan generate unexpected SOD (Source to Origin Distance) and z-values.

For example:

Air profile measurement using OmniPro-Accept,
SSD = 70 cm,
SAD = 100 cm.

After creation of the Oncentra MasterPlan transfer files,
SOD = 20 cm,
z-value = 50 cm.

Explanation:

The 70 cm of SSD in an air measurement can be viewed as the distance from the source to the detector (SDD). When converting, the RTPS sets an offset of 50 cm above the detector along the z-axis, *i.e.*, z-value = 50 cm. Thus the origin is 20 cm to the source. When transferring the files to the Oncentra MasterPlan system the values are correctly interpreted using the distance of 70 cm as SDD.

Conclusion:

It is confirmed by Nucletron (Gerhard Feist, email: gerhard.feist@nl.nucletron.com) that no error is produced during the transfer.

In case of any further questions, please contact us under:

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