

PSA-Manager

Version 3

Changes over Versions 1 and 2



1 Introduction

PSA-Manager version 3 is a Windows based software application which is used in conjunction with the PSA Series of portable RF spectrum analyzers from Aim-TTi which includes the PSA Series 2 (PSA1302 and PSA2702) and the PSA Series 5 (PSA3605 and PSA6005).

PSA-Manager provides the capability for displaying and printing Traces and Screen Images.

For PSA Series 2 models fitted with option U01 and PSA Series 5 models fitted with option U02 it also provides display and analysis of Log files, and creation of Limit Patterns, Channel Marker Lists and Compensation Tables.

Limit Patterns, Channel Marker Lists and Compensation Tables can be created by manual typing of data values, import from .CSV files, or graphical editing (Limit Patterns and Compensation Tables only).

Files can be exchanged with the PSA if the instrument is placed in Link to PC mode while connected to the PC via the supplied USB cable. When linked the instrument behaves as a disk drive and files may be read and written under PC control. Alternatively a USB Flash drive can be used to transfer files.

PSA Series 5 models fitted with option U02 only, it also provides display and analysis of Scan files.

PSA-Manager is a free application and the latest version can be downloaded from the support section of the Aim-TTi website.

1.1 Compatibility

PSA-Manager version 3 is generally compatible with all PSA series spectrum analyzers of any firmware version number. However, certain specific capabilities are not compatible with earlier versions of PSA Series 2 with firmware prior to version 2.0.

As a general rule, all analyzers should be updated to the latest firmware version in order to maintain the highest level of features and maximum compatibility with latest version of PSA-Manager. This can be done from the Support section of the Aim-TTi web site.

1.2 Changes over Versions 1 and 2

Version 2.x of PSA-Manager included support for Series 5 analyzers plus the following additional functionality.

Creation of Channel Marker Files

Channel Markers are a special case of a Limit Pattern which consists only of vertical lines at frequency points defined within the file. These can be displayed as an alternative to limit lines/patterns on the PSA.

Import from external CSV Files

Compensation Tables, Limit Patterns or Channel Marker lists can be created from from external CSV files.

Version 3.x of PSA-Manager includes a number of minor changes and improvements, plus support for display and analysis of scan files (only for Series 5 models fitted with option U02).

It is recommended that all users of PSA-Manager upgrade to the latest version which can be downloaded from the support section of the Aim-TTi website.