

我已將我停產的網路分析儀資料  
以 BIN 檔格式存到磁片。我的電  
腦可以讀取這個 BIN 檔嗎？

# Notices

© Keysight Technologies Incorporated, 2002-2020

1400 Fountaingrove Pkwy., Santa Rosa, CA 95403-1738, United States All rights reserved.

No part of this documentation may be reproduced in any form or by any means (including electronic storage and retrieval or translation into a foreign language) without prior agreement and written consent from Keysight Technologies, Inc. as governed by United States and international copyright laws.

## Restricted Rights Legend

If software is for use in the performance of a U.S. Government prime contract or subcontract, Software is delivered and licensed as "Commercial computer software" as defined in DFAR 252.227-7014 (June 1995), or as a "commercial item" as defined in FAR 2.101(a) or as "Restricted computer software" as defined in FAR 52.227-19 (June 1987) or any equivalent agency regulation or contract clause.

Use, duplication or disclosure of Software is subject to Keysight Technologies' standard commercial license terms, and non-DOD Departments and Agencies of the U.S. Government will receive no greater than Restricted Rights as defined in FAR 52.227-19(c)(1-2) (June 1987). U.S. Government users will receive no greater than Limited Rights as defined in FAR 52.227-14 (June 1987) or DFAR 252.227-7015 (b)(2) (November 1995), as applicable in any technical data.

**Portions of this software are licensed by third parties including open source terms and conditions.**

**For detail information on third party licenses, see [Notice](#).**

我已將我停產的網路分析儀資料以 BIN 檔格式存到磁片。我的電腦可以讀取這個 BIN 檔嗎？

## Contents

我已將我停產的網路分析儀資料以 BIN 檔格式存到磁片。我的電腦可以讀取這個 BIN 檔嗎？

對於具有將 DOS 格式化檔案以 ASCII 或 BIN 檔存入磁片能力的網路分析儀而言，我們提供下列建議將儲存至 PC 的 DOS 格式化 BIN 檔還原。

儲存在 Keysight 8753D 系列 (和以上) 及 Keysight 8720D 系列 (和以上) 網路分析儀上的 BIN 檔，可被以 FORM2 二進位資料寫入磁片。

FORM2 資料被定義為：

「IEEE 32 位元浮點格式、每筆數字 4 位元組 (4 bytes-per-number)、每筆資料 8 位元組 (8 bytes-per-data) 資料點。資料前面被加上和在 FORM1 內一樣的標頭。每一個數字由一個 1 位元符號、一個 8 位元偏置指數和一個 23 位元尾數....」

請注意，存入磁碟機的 BIN 檔不包含上述的標頭資訊。BIN 檔資訊僅包含資料位元組。

下列是一個可把 BIN 檔當作真正的 32 位元二進位檔讀取的 Keysight Vee 程式的片段。

BIN 檔和 "FORMAT ARY ON" 一起被存在 VNA，亦即格式化的資料陣列。所有 BIN 檔陣列都包含兩欄的資料。根據顯示格式和儲存陣列的類型，資料的第二欄僅可當作預留位置，如用於此範例檔的例子所示。顯示格式設為 LOG MAG。有關與顯示格式相關的陣列元件詳細資訊，請參閱《8719ET/ES, 8720ET/ES, 8722ET/ES, 8753ET/ES Network Analyzers Programmer's Guide》中的「Table 1-6 Units as a Function of Display Format」。

請注意，除 Keysight Vee 外可能還有其他語言可支援讀取真正 32 位元二進位資料檔。

