

MX122020A Protocol Decoding Software (For MP1220A ATM Quality Analyzer)

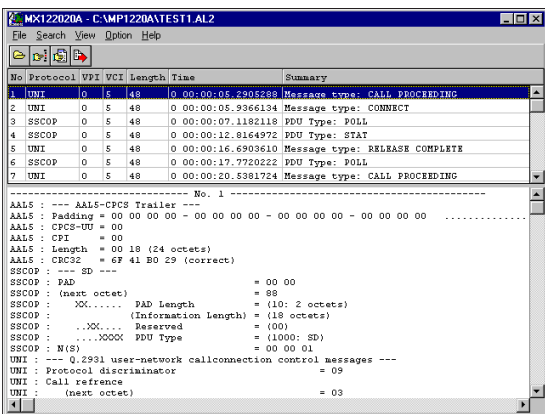


Now with IP Decoding

The MX122020A Protocol Decoding Software decodes and displays data captured by the MU120021A Protocol Unit. It provides simple screen layout and same operations as common Windows operation. In addition to running on the MP1220A, this software also runs on PCs under Microsoft Windows 3.1/95/98.

Functions

- **Decoded protocol display**
Supported protocols: ATM, OAM, AAL5-CPCS, SSCOP, UNI3.1, UNI4.0, IP over ATM (LLC, SNAP, ATMARP, InATMARP), IP, ICMP, UDP, and TCP
- **Simultaneous display of data list and detailed information of selected data**
- **Filtering by VPI/VC1**
- **Display of file information**

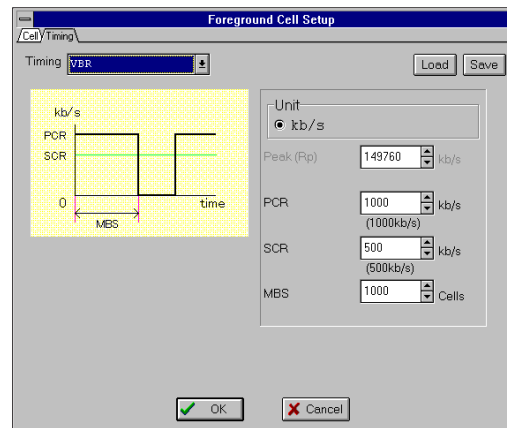


Operation conditions (for external PCs)

- OS: Microsoft Windows 3.1/95/98
- CPU: i486DX2, 50 MHz or higher processor
- RAM: 8 MB or more
- Display: 640 x 480 dots (VGA) or higher resolution
- Hard disk: Free space of 10 MB or more

VBR Function (by MP1220A ATM-QA Software)

The ATM-QA software for the MP1220A has been upgraded to add VBR (Variable Bit Rate) function. By using the MU120020A QoS unit, it can generate VBR traffic and count the received cells that do not conform to the VBR specifications.



Traffic generation (transmitter)



Non-conforming cell count (receiver)

Specifications

• MX122020A Protocol Decoding Software

Supported protocols	ATM (ITU-T I.361), OAM (ITU-T I.610), AAL5-CPCS (ITU-T I.363), SSCOP (ITU-T Q.2110), UNI 3.1/4.0 (ATM forum), LLC (RFC2225), SNAP (RFC2225), ATMARP/InATMARP (RFC2225), IP (RFC791), ICMP (RFC792), UDP (RFC768), TCP (RFC793)
Decoded file type	Data captured by MU120021A Protocol Unit and saved in binary format
Operating environment	MP1220A or a PC running with Windows3.1/95/98

• VBR function (MP1220A ATM-QA Software)

Traffic generation	PCR: 50 kb/s to maximum interface speed (1 kb/s steps*1) SCR: 40 kb/s to 90% of PCR(1 kb/s steps*1) MBS: 10 to 2000 cells, per cell unit
Non-conforming cell count	Supports VBR.1, VBR.2 and VBR.3 as specified by ATM forum traffic management 4.0 PCR, SCR, and MBS: Same limits as traffic generation CDVT: 1 to 65535 cells, per cell unit
Operating environment	MP1220A, MU120020A

*1: Due to hardware configurations, the actually generated/measured value may differ slightly from set value. (The generated/measured value is displayed on the screen.)

Ordering Information

Please specify the model/order number, name and quantity when ordering.

Model/ Order No.	Name
MP1220A	Main frame ATM Quality Analyzer
MX122020A W1648AE	Options Protocol Decoding Software MX122020A operation manual

Please consult our sales department about adding the VBR functions to your MP1220A.
Windows is a registered trademark of Microsoft Corporation.



Specifications are subject to change without notice.

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