

EQUIPMENT FCC ID :N6HRACKCE9514**1. GENERAL INFORMATION****1.1 Product description**

The APLUS Company name PC line 19 is an industrial PC used as a vocal server and it will be housed in a 19" rack.

The micro-computer is composed of:

A passive 14 slots PCI bus riser card

A CPU board using a 166 MHz Pentium microprocessor and having printer, mouse, serial and a RS232 ports

A power supply

A hard disk

A floppy disk

A metallic chassis

1.2 Tested systems details

The FCC IDs for all equipment, plus description of all cables used in the tested system (including inserted cards which have grants) are :

| Description Model & Serial number | FCC ID | Cable description | Cable termination | Length (m) |
|--|--------------|---|----------------------------|---------------|
| PC APLUS ligne 19 S/N : PEN0798 17500(1) | | 1unshielded power cord RS232 shielded cable CBL1220(2) | Plastic Plastic/Metal | 2 4 |
| Zenith Data System Display ZCM-1426-XT S/N : MYZE5018002086 | CKL HCM-1427 | 1 Unshielded power cord 1 Shielded Video cable(3) | Plastic Metal | 2 1.2 |
| Zenith Data System Keyboard Model ZKB-3 S/N : D8429 | GJK101RX-5 | 1 Shielded cable (4) | Metal | 2 |
| Microsoft PS/2 Mouse S/N : 724534 | C3K76FPS26C | 1 Shielded cable (5) | Metal | 2.5 |
| Hewlett Packard Printer Model 2277A S/N : 2906A16132 | B948JA2277X | 1 Unshielded power cord with external power module ETT76J2A 1 Shielded parallel cable # N0856675000.01C | Plastic Metal/Metal | 2 2 |

(1) EUT submitted for grant

(2) Used to load P.C serial port

(3) Attached cable includes grantee supplied ferrite

(4) Keyboard cable permanently attached to keyboard

(5) Mouse cable permanently attached to mouse

1.3 Test Methodology and procedure

Both conducted and radiated testing were performed in accordance with ANSI C63.4 procedure, as revised in 1992. The specification used was the Class B limits of FCC Rules Part 15 Subpart B for conductive (§ 15-107) and radiated (§ 15-109) interference measurements.

Final radiated measurement is performed with an antenna locate at 3 meters distance from EUT (Preliminary radiated emission test was realized at a distance of 1 meter in the underground of open area test site)

1.4 Test Facility

The open area test site and conducted measurement facility used to collect the radiated data is located at the following address :

BULL ELECTRONICS ANGERS
34 Rue du Nid de Pie
B.P 428
49004 ANGERS Cedex 01
France

This site has been fully described in a report dated August 21, 1997 submitted to your Office, and accepted in a letter dated October 9, 1997 (31040/SIT 1300F2)

1.5 List of measurement apparatus

| APPARATUS | MANUFACTURER | REFERENCE | SERIAL NUMBER | DATE OF VERIFICATION |
|--|-----------------|--------------------------|---------------|----------------------|
| RECEIVERS | | | | |
| CISPR Receptive chain : | Hewlett Packard | HP 8574A | | |
| Quasi-Peak Detector | Hewlett Packard | HP 85650A | 2811A01134 | June 1997 |
| Spectrum Analyzer | Hewlett Packard | HP 8568B | 2816A116603 | June 1997 |
| Pre-selector | Hewlett Packard | HP 85685A | 287A00784 | June 1997 |
| EMI Software (For conducted emission) | Hewlett Packard | HP 85869A | | |
| REMS Software (For radiated emission) | Hewlett Packard | HP 85879A Rev A.02.01 | | |
| ARTIFICIAL MAINS NETWORKS | | | | |
| LISN | Rohde&Schwarz | ESH2-Z5 | 861741/019 | June 1997 |
| LISN | Rohde&Schwarz | ESH2-Z5 | 872094/037 | June 1997 |
| ANTENNAS | | | | |
| Biconic | Schwarzbeck | BBA9106 | 4245605002 | June 1997 |
| Log Periodic | Schwarzbeck | UHALP9107 | 4245608002 | June 1997 |
| Bilog | Chase | CBL6112 | 2290 | September 1997 |