

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)		1 unshielded 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

- (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

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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 located 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