EXHIBIT B

Test Report

Report No.	U0415682
Specifications	FCC Part 15 Class B
Test Method	ANSI C63.4 1992
Applicant	1F, NO. 1, Lane 15, Chih Chiang Street, Tu Cheng City, Taipei Hsien, Taiwan, R.O.C.
Applicant	Uniform Industrial Corp.
Items tested	ISDN Card S/T Interface
Model No.	AV128CE (Sample # U04682)
Results	As detailed within this report
Sample received data	07/09/1998 (month / day / year)
Prepared by	project engineer
Authorized by	Vice General Manager (Jacob Lin)
Issue date	Sep. 11, 1998 (month / day / year)
Modifications	**None**
Tested by	Training Research Co., Ltd.
Office at	2F, No. 571, Chung Hsiao E. Road, Sec.7, Taipei, Taiwan
Open site at	No. 5-3, Lane 21, Yen Chiu Yuan Rd., Sec. 4, Taipei, Taiwan

Conditions of issue :

(1) ***This test report shall not be reproduced except in full, without written approval of TRC. And the test result contained within this report only relate to the sample submitted for testing.***

(2) ***This report must not be used by the client to claim product endorsement by NVLAP or any agency of U.S. Government .***

★***FCC ID: NLU-AV128C***

Contents

Chapter 1 Introduction

Description of EUT :

This ISDN card S/T Interface is a data communication device (included image and voice). It is designed to install in the personal computer and makes your data equipment available to transmit and receive data via the ISDN public telephone network.

Connections of EUT:

(1)Put the EUT into a personal computer's PCI bus and screw it.
(2)ISDN jack of EUT connects with a line cable to the ISDN PBX located remotely.
(3)Camera A1 connector of EUT connects with a desktop video camera.
(4)Camera A2 connector of EUT connects with a desktop video camera.
(5)TV OUT connector of EUT connects with a TV.
(6)Audio connector of EUT connects with a box then connects to handset, headset & Mic.

Test method :

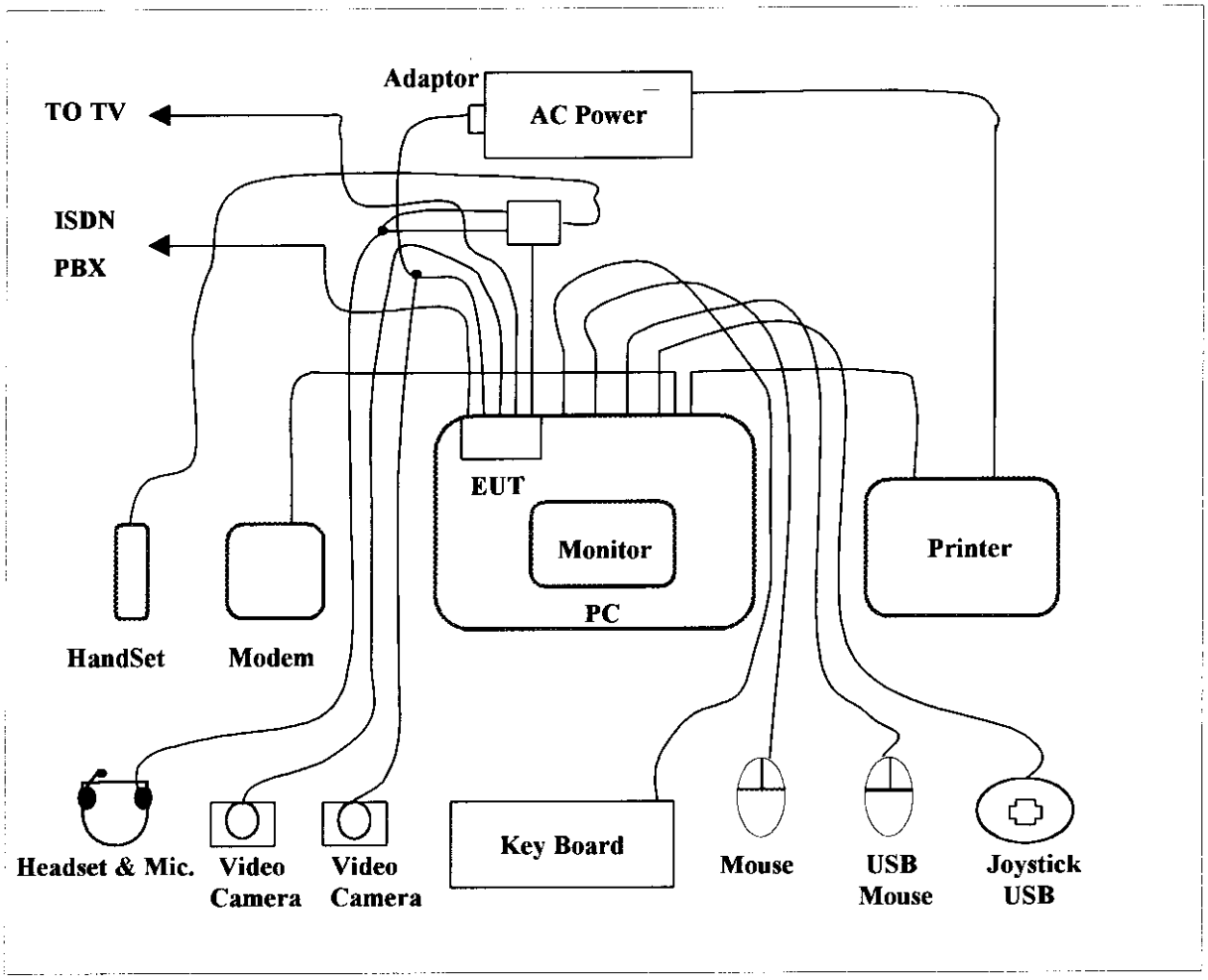
Pretest was found that the emission of operating mode is worse than standby mode. So, The final test is made at the operating mode.

During testing, the EUT was operated at "transmitting" and "receiving" mode simultaneously.

While testing, the transmitting rate was set to "AUTO" which means it transmitted the test file depending on the telephone line condition, normally the operating rate is the highest speed . The test placement as the photographs showed is the worst case emission placed. (If the emission is close to the ambience, the resolution BW and view resolution will be reduced and the data will be recorded by detection of maximum hold peak mode.)

The testing configuration of test set up is showing in the next page.

Configuration of test setup



Connections:

PC:

*Serial A port --- a external modem

*Printer port --- a Printer

*Keyboard port --- a Keyboard

*Mouse port --- a Mouse

*Monitor port --- a Monitor

*USB port --- a Joystick & a Mouse

(Each port on PC is connected with suitable device)

EUT:

* ISDN jack --- via 15 m ISDN cable to ISDN PBX located remotely
* Camera A1 connector --- via a non-shielded, no ferrite core,
  220 cm cable to a desktop video camera.
* Camera A2 connector --- via a non-shielded, no ferrite core,
  200 cm cable to a desktop video camera.
* TV OUT connector --- via a shielded, no ferrite core,
  12 m cable to a TV.
* Audio connector --- via a shielded, no ferrite core,
  20 cm cable to a box.
* Mic & earpiece connector of box --- via a non-shielded, no ferrite core,
  200 cm cable to a headset & Mic.
* Handset jack of box --- via a non-shielded, no ferrite core,
  210 cm cable to a handset.

List of support equipment

Conducted (Radiated) test :

PC	:	**HP**
Model	:	Vectra VE
Serial No.	:	SG81700534
Power type	:	AC 117 VAC ,switching
Power cord	:	non-Shielded, 1.7M long ,Plastic ,no ferrite core
Monitor	:	**HP**
Model No.	:	D2084 (D2813)
Serial No.	:	KR4397004 (TW63803597)
FCC ID	:	CSYSC-428VSP (A3KM043)
Power type	:	117VAC , Switching
Power cord	:	Non-Shielded, 3M long ,no ferrite core
Data cable	:	Shielded, 1.8M long ,with ferrite core
Keyboard	:	**HP**
Model No.	:	C3757 #ABO (C3346A #ABO)
Serial No.	:	C3757-60423 (C3346-60231)
FCC ID	:	CIGE03614
Power type	:	By PC
Data cable	:	Shielded, 1.8M long ,with ferrite core
Printer	:	**EPSON**
Model No.	:	P78PA(P70RA)
Serial No.	:	0EE0014030(10010386)
FCC ID	:	BKM9A8P70RA
Power type	:	Linear
Power cord	:	Non-shielded, 2m long, no ferrite core
Data cable	:	Shielded, 1.84M long ,no ferrite core (1.7m)
Modem	:	**ACEEX**
Model No.	:	XDM-9624
FCC ID	:	IFAXDM-9624
Power type	:	Linear
Power cord	:	Non-shielded, 1.9m long, no ferrite cord
Data cable	:	RS232, Shielded, 1.2m long, no ferrite core
		RJ11C x 2, 7' long non-shielded, no ferrite core

ISDN PBX : Technologies
Model No. : ISDN 2000A
SERIAL No. : A951206553
Power type : 110VAC 60Hz
Power cord : Non-shielded

Mouse : Hewlett Packard mouse
Model No. : C3751B
Serial No. : LCA52707170
FCC ID : DZL210582
Power type : Powered by PC
Power Cable : Non – Shielded. 5.5' long, Plastic hoods, No ferrite bead

USB Joystick : Padix
Model No. : QF-305U, QF-307U, QF-606U, QF-707U (Doc Approval)
Power type : Powered by PC
Power Cable : Shielded. 1.5M long, No ferrite bead data cable.

USB Mouse : Chic Technology Corporation
Model No. : CM-USB
Serial No. : N/A
FCC ID : IOWCM-USB
Power type : Powered by PC
Power Cable : Shielded. 1.5M long, Plastic hoods, No ferrite bead

Desktop Video Camera : PHILIPS
Model No. : VC 7319/5T(Doc Approval)
Serial No. : OP059719003184
Power type : Powered by PC
Data Cable : Non-shielded. 2 M long, No ferrite bead.

Desktop Video Camera : PHILIPS
Model No. : VC 73105T(Doc Approval)
Serial No. : 001489
Power type : Powered by adaptor
Power Cable : Non-shielded. 2.0 M long, Plastic hoods, No ferrite bead
Data Cable : Non-shielded. 2.2 M long, No ferrite bead.

Headset & Mic.:		**Uniform Industrial Corp.**
Model No.	:	EUT Accessories
Serial No.	:	N/A
Power type	:	Powered by PC
Data Cable	:	Non-shielded. 2 M long, No ferrite bead.

Handset	**:**	**Uniform Industrial Corp.**
Model No.	:	EUT Accessories
Serial No.	:	N/A
Power type	:	Powered by PC
Data Cable	:	Non-shielded. 2.1 M long, No ferrite bead.

TV	**:**	**AOC**
Model No.	:	TV-14RT
Serial No.	:	00775
Power type	:	Powered by adaptor
Power Cable	:	Non-shielded. 180 cm long, Plastic hoods, No ferrite bead
Data Cable	:	Shielded. 12 M long, No ferrite bead.

Chapter 2 Conducted emission test

Test condition and set up :

All the equipment is placed and setup according to the EN 55022/95.
The EUT is assembled on a wooden table which is 80 cm high, is placed 40 cm from the back-wall which is a vertical conducting plane. One LISN is for EUT, the other LISN is for support equipment. They are all placed on the conductive ground .The EUT's LISN connect a line switch box for selecting L1 or L2, then connect to a preamplifier and spectrum.

The spectrum scans from 450KHz to 30MHz. Conducted emission levels are detected at max. peak mode . But if the max. peak mode failed ,it will be measured by CISPR's quasi-peak detection mode.

While testing, there is a worst-emission plot printed at peak detection mode, and there are more than 6 highest emissions relative to limit recorded. The plot is kept as the original data, not included in test report.

List of test Instrument :

				Calibration Date	
Instrument Name	Model No.	Brand	Serial No.	Last time	Next time
Spectrum analyzer	8591EM	H P	3619A00821	10/06/97	10/06/98
LISN (EUT)	3825/2	EMCO	9411-2284	05/15/98	05/15/99
Preamplifier	8447F	H P	2944A03706	05/13/98	05/15/99
Line switch box	AC1-003	TRC	- - - - - - - - -	05/15/98	05/15/99
Line selector	AC1-002	TRC	- - - - - - - - -	05/15/98	05/15/99

The level of confidence of 95%. the uncertainty of measurement of conducted emission is ± 2.4 dB .

Test Result : Pass (Appendix A)

Appendix A

Conducted Emission Test Result :

Testing room : Temperature : 24 ° C Humidity : 56 %RH

Line 1

Frequency (KHz)	QP Amplitude (dBuV)	AVG Limit (dBuV/m)	Margin (dB)
455.00	44.37	48.00	-3.63
489.00	43.29	48.00	-4.71
524.00	43.99	48.00	-4.01
538.00	41.17	48.00	-6.83
549.00	41.33	48.00	-6.67
637.00	42.39	48.00	-5.61
754.00	43.13	48.00	-4.87
1224.00	41.21	48.00	-6.79
3130.00	41.50	48.00	-6.50
3330.00	43.22	48.00	-4.78
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Line 2

Frequency (KHz)	QP Amplitude (dBuV)	AVG Limit (dBuV/m)	Margin (dB)
461.00	46.39	48.00	-1.61
473.00	43.77	48.00	-4.23
489.00	46.73	48.00	-1.27
505.00	43.33	48.00	-4.67
524.00	45.23	48.00	-2.77
556.00	44.01	48.00	-3.99
608.00	43.20	48.00	-4.80
749.00	43.22	48.00	-4.78
2910.00	44.96	48.00	-3.04
3190.00	43.19	48.00	-4.81
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Appendix B

Radiated Emission Test Result :(Horizontal)

Test Conditions:

Testing room : Temperature : 28° C Humidity : 71 % RH

Testing site : Temperature : 34° C Humidity : 80 % RH

Frequency	Reading Amplitude	Ant. Height	Table	Correction Factors	Corrected Amplitude	Class B limit	Margin
MHz	dBuV	m	degree	dB/m	dBuV/m	dBuV/m	dB
33.170	42.38	1.00	98	-16.89	25.49	40.00	-14.51
165.820	50.62	3.03	55	-22.43	28.19	43.50	-15.31
171.840	49.51	3.02	184	-22.11	27.40	43.50	-16.10
197.610	54.81	1.00	103	-20.91	33.90	43.50	-9.60
200.480	55.13	3.02	268	-20.77	34.36	43.50	-9.14
319.090	48.90	1.00	54	-14.72	34.18	46.00	-11.82
331.640	48.44	1.00	92	-14.43	34.01	46.00	-11.99
392.720	47.44	1.00	171	-13.36	34.08	46.00	-11.92
397.970	45.15	1.00	109	-13.15	32.00	46.00	-14.00
417.280	54.90	1.00	274	-12.76	42.14	46.00	-3.86
441.820	45.04	1.00	261	-7.93	37.11	46.00	-8.89
464.290	50.08	1.00	201	-10.79	39.29	46.00	-6.71
490.910	46.90	1.00	8	-10.32	36.58	46.00	-9.42
834.540	45.79	1.00	204	-13.14	32.65	46.00	-13.35
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Note:

1.Margin = Amplitude - limit, *if margin is minus means under limit.*

2.Corrected Amplitude = Reading Amplitude + Correction Factors

3.Correction factor = Antenna factor + (Cable Loss - Amplitude gain)

(For example : 30MHz correction factor = 15.5 + (-15.26) = 0.24 dB/m)

Radiated Emission Test Result: (Vertical)

Frequency	Reading Amplitude	Ant. Height	Table	Correction Factors	Corrected Amplitude	Class B limit	Margin
MHz	dBuV	m	degree	dB/m	dBuV/m	dBuV/m	dB
33.170	53.34	1.00	248	-16.89	36.45	40.00	-3.55
165.820	53.26	3.03	131	-22.43	30.83	43.50	-12.67
171.840	54.09	1.00	87	-22.11	31.98	43.50	-11.52
197.610	49.72	1.00	120	-20.91	28.81	43.50	-14.69
200.480	61.04	3.03	105	-20.77	40.27	43.50	-3.23
319.090	47.90	1.00	160	-14.72	33.18	46.00	-12.82
331.640	46.43	3.03	226	-14.43	32.00	46.00	-14.00
392.720	45.11	3.03	88	-13.36	31.75	46.00	-14.25
397.970	48.82	1.00	115	-13.15	35.67	46.00	-10.33
417.280	51.23	1.00	187	-12.76	38.47	46.00	-7.53
441.820	43.92	1.00	11	-7.93	35.99	46.00	-10.01
464.290	49.62	1.00	170	-10.79	38.83	46.00	-7.17
490.910	48.93	1.00	18	-10.32	38.61	46.00	-7.39
834.540	47.08	1.00	311	-13.14	33.94	46.00	-12.06
***							

Final statement :
This test report, measurements made by TRC are traceable to the NIST.

Chapter 3 Radiated emission test

Test condition and setup:

Pretest: Prior to the final test (OATS test), the EUT is placed in a shielded enclosure, GTEM, and scan from 30MHz to 1GHz.This is done to ensure the radiation exactly emits form the EUT.

Final test: Final radiation measurements is made on a **3 - meter,** open-field test site. The EUT is placed on a nonconductive table which is 80cm height, the top surface is 1.0 x 1.5 meter. All the placement is according to ANSI C63.4 - 1992.

The spectrum is examined from 30 MHz to 1000 MHz measured by HP spectrum.

The EMCO whole range Antenna is used to measure frequency from 30 MHz to 1GHz.The final test is used the spectrum HP 8594EM.

Measure more than six top marked frequencies generated form pretest by computer step by step at each frequency. The EUT is rotated 360 degrees, and antenna is raised and lowered from 1 to 4 meters to find the maximum emission levels. The antenna is used with both horizontal and vertical polarization.

Appropriated preamplifier which is made by TRC is used for improving sensitivity and precautions is taken to avoid overloading .The spectrum analyzer's 6dB bandwidth is set to 120 KHz, and the EUT is measured at quasi-peak mode.

If the emission is close to the frequency band of ambience, the data will be rechecked by the tester and the corrected data will be written in the test data sheet. If the emission is just within the ambience ,the data from GTEM will be taken as the final data.

List of test Instrument :

				Calibration Date	
Instrument name	Model No.	Brand	Serial No.	Last	Next
Spectrum analyzer	8568B	H P	3004A18617	05/15/98	05/15/99
Quasi-peak Adapter	85650A	H P	2521A00984	05/15/98	05/15/99
RF Pre-selector	85685A	H P	2947A01011	05/15/98	05/15/99
Spectrum analyzer	8594EM	H P	3619A00198	08/13/98	08/13/99
Antenna(30M-2G Hz)	3142	EMCO	9610-1094	10/30/97	10/30/98
Open test side (Antenna, Amplify, cable calibrated together)				05/15/98	05/15/99

The level of confidence of 95%, the uncertainty of measurement of radiated emission is ± 4.96 dB.

Test Result : Pass (Appendix B)