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1. Test Report Certification

Applicant : Pretec Corporation.

Manufacturer : Pretec Corporation.

EUT Description

(A) Model Name : SNAP & GO

(B) Model No. : **SG-900**

(C) Serial Number : Proto Type

(D) FCC ID : NJB900116

(E) Power : 120V/60Hz AC

MEASUREMENT STANDARD USED :

CISPR 22 Limits and methods of measurement of radio disturbance characteristics of information technology equipment: 1993

MEASUREMENT PROCEDURE USED :

ANSI C63.4 Methods of Measurements of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9kHz to 40GHz. :1992

The device described above was tested by QuieTek Corporation to determine the maximum emission levels emanating from the device. The maximum emission levels were compared to the CISPR 22 limits for both radiated and conducted emissions.

The measurement results are contained in this test report and QuieTek Corporation is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliant with the CISPR 22 limits.

Sample Received Date : Nov, 5, 1998

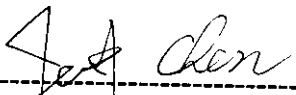
Test Date : Nov, 10, 1998

Documented by : Amy Hung

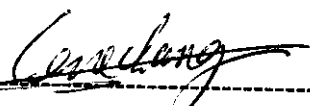
Test Engineer:

Approve & Authorized Signer:

NVLAP®



JEFF CHEN



GENE CHANG

2. General Information

2.1 Production Description

Description	: SNAP & GO
Model Number	: SG-900
Serial Number	: Proto Type
FCC ID	: NJB900116
Applicant	: Pretec Corporation.
Address	: 6F, No.10, Li-Shin Rd., Science-Based Industrial Park, Hisn-Chu , Taiwan, R.O.C.
Manufacturer	: Pretec Corporation.
Address	: 6F, No.10, Li-Shin Rd., Science-Based Industrial Park, Hisn-Chu , Taiwan, R.O.C.
Data cable	: To Parallel part Shielded, Detachable, 1.2m Bonded two ferrite cores To power adapter Shielded, Detachable, 0.4m Bonded ferrite core

Note: The data show in this test report reflects the worst-case data for each operation mode.

2.2 Tested System Details

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

2.2.1 The types for all peripheral devices

☒ SNAP & GO (EUT)

Manufacturer : Pretec Corporation
Model Number : SG-900
Serial Number : N/A
FCC ID : NJB900116

☒ Digital Camera

Model Number : D-340L
Serial Number : 41501710
FCC ID : DOC
Manufacturer : OLYMPUS
Power Adapter : OLYMPUS
M/N:C-6AU
S/N:4381-01

☒ Printer

Model Number : Color Shot-P
Serial Number : G8BA00093X
FCC ID : DOC
Manufacturer : POLAROID
Power Adapter : POLAROID
M/N:5601E1
S/N:807024592B

2.2.2 Description of the used cable in tested system

No.	Name	Shielded	Shielded Connector	Detachable	Length	Port	Name
						From	TO
1.	Camera adapter	Yes	Yes	Yes	2.5m	Camera	Ac power
2	Camera data cable	Yes	Yes	Yes	2.0m	Camera	Serial
3	Printer adapter	No	No	No	2.5m	Printer	Ac power
4	Printer data cable	No	Yes	No	0.5m	Print	PC/Parallel

2.3 Test Methodology

Both conducted and radiated testing were performed according to the procedures in ANSI C63.4-1992.

Radiated testing was performed at an antenna to EUT distance of 10 meters.

2.4 Test Facility

Ambient conditions in the laboratory:

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	24-27
Humidity (%RH)	25-75	50-65
Barometric pressure (mbar)	860-1060	950-1000

Site Description : November 3, 1998 File on
Federal Communications Commission
FCC Engineering Laboratory
7435 Oakland Mills Road
Columbia, MD 21046
Reference 31040/SIT1300F2

Name of firm : QuieTek Corporation

Site location : No.75-1, Wang-Yeh Valley, Yung-Hsing, Chiung-Lin,
Hsin-Chu County, Taiwan, R.O.C.

3. Conducted Power Line Test

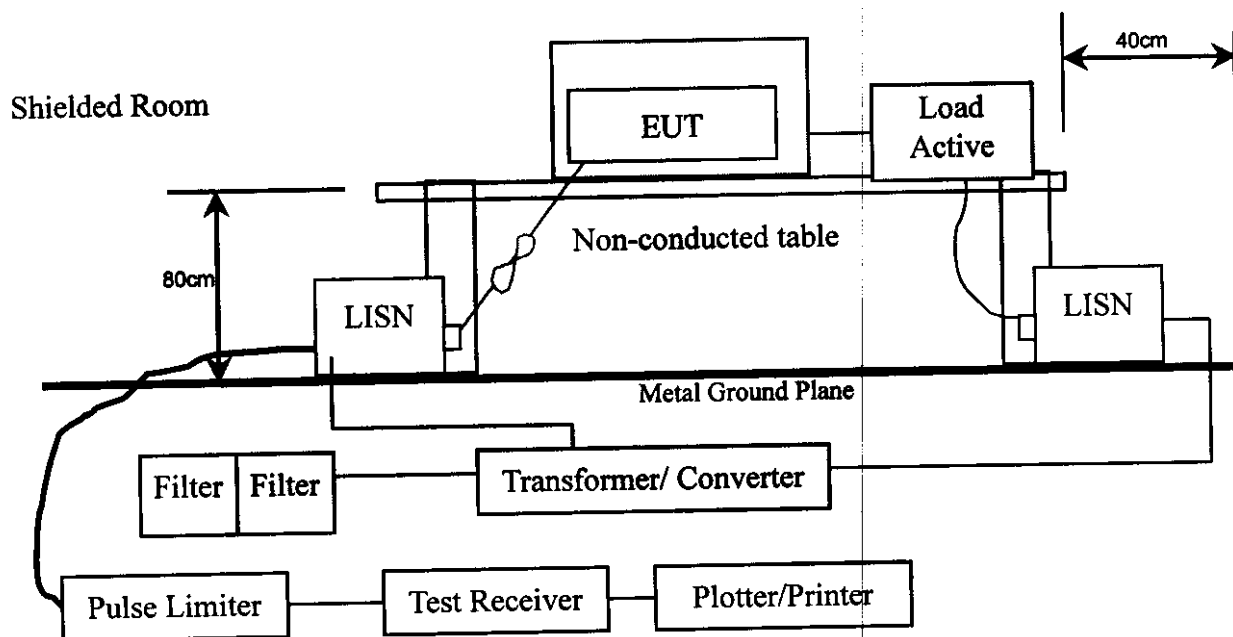
3.1 Test Equipments

The following test equipments are used during the conducted power line tests:

Item	Instrument	Manufacturer	Type No./Serial No	Last Cal..	Remark
1	Test Receiver	R & S	ESCS 30/825442/17	May, 1998	
2	L.I.S.N.	R & S	ESH3-Z5/825016/6	May, 1998	EUT
3	L.I.S.N.	Kyoritsu	KNW-407/8-1420-3	May, 1998	Peripherals
4	Pulse Limiter	R & S	ESH3-Z2	N/A	
5	N0.2 Shielded Room			N/A	

Note: All equipment upon which need to calibrated are with calibration period of 1 year.

3.2 Block Diagram of Test Setup



3.3 Conducted Powerline Emission Limit

|| CISPR 22 Limits

Frequency MHz	Maximum RF Line Voltage dB(uV)			
	Class A		Class B	
	QUASI-PEAK	AVERAGE	QUASI-PEAK	AVERAGE
0.15 - 0.50	79	66	66-56	56-46
0.50-5.0	73	60	56	46
5.0 - 30	73	60	60	50

Remarks : In the Above Table, the tighter limit applies at the band edges.

3.4 EUT Configuration on Measurement

The equipments which is listed 3.2 are installed on Conducted Power Line Test to meet the Commission requirement and operating in a manner which tends to maximize its emission characteristics in a normal application.

3.5 EUT Exercise Software

The EUT exercise program used during conducted testing was designed to exercise the EUT in a manner similar to a typical use. The exercise sequence is listed as below:

- 3.5.1 Setup the EUT and simulators as shown on 3.2
- 3.5.2 Turn on the power of all equipment.
- 3.5.3 Push print all button of EUT to print the picture in the camera
- 3.5.4 Repeat the above procedure 3.5.3

3.6 Test Procedure

The EUT is connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs.)

Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipments and all of the interface cables must be changed according to ANSI C63.4-1992 on conducted measurement.

The bandwidth of the field strength meter (R & S Test Receiver ESCS 30) is set at 10Khz.

The frequency range from 0.15 MHz to 30 MHz is checked.

3.7 Conducted Emission Data

The initial step in collecting conducted data is a spectrum analyzer peak scan of the measurement range for all the test modes. Then the worst modes were reported the following data pages.

The uncertainty is calculated in accordance with NAMAS NIS 81. The total uncertainty for this test is as follows: • Uncertainty in the field strength measured: $< \pm 2.0$ dB

CONDUCTED EMISSION DATA

Date of Test	:	Nov. 06, 1998	Temperature	:	26 °C
EUT	:	SNAP & GO	Humidity	:	62 %
Test Mode	:	Normal	Display Pattern	:	
Detector Mode	:	Quasi-Peak & Average			

Frequency MHz	Cable Loss dB	LISN Factor dB	Reading Level Line1 dBuV	Measurement Level Line1 dBuV	Limits dBuV
* 0.192	0.01	0.10	58.11	58.22	63.93
0.236	0.02	0.10	53.34	53.46	62.22
0.310	0.04	0.10	40.79	40.93	59.96
0.714	0.08	0.10	34.38	34.56	56.00
1.441	0.12	0.12	33.26	33.50	56.00
2.019	0.14	0.13	30.67	30.94	56.00

Average:

* 0.192	0.01	0.00	47.20	47.21	53.95
0.236	0.02	0.00	44.80	44.82	52.24
0.310	0.04	0.00	38.16	38.20	49.97
0.714	0.08	0.00	31.14	31.22	46.00
1.441	0.12	0.00	30.88	31.00	46.00
2.019	0.14	0.00	27.81	27.95	46.00

Remarks :

1. " * " means that this data is the worse emission level.
2. All readings are Quasi-peak and average values.

Attached individual pages of peak scan curve data sheets.

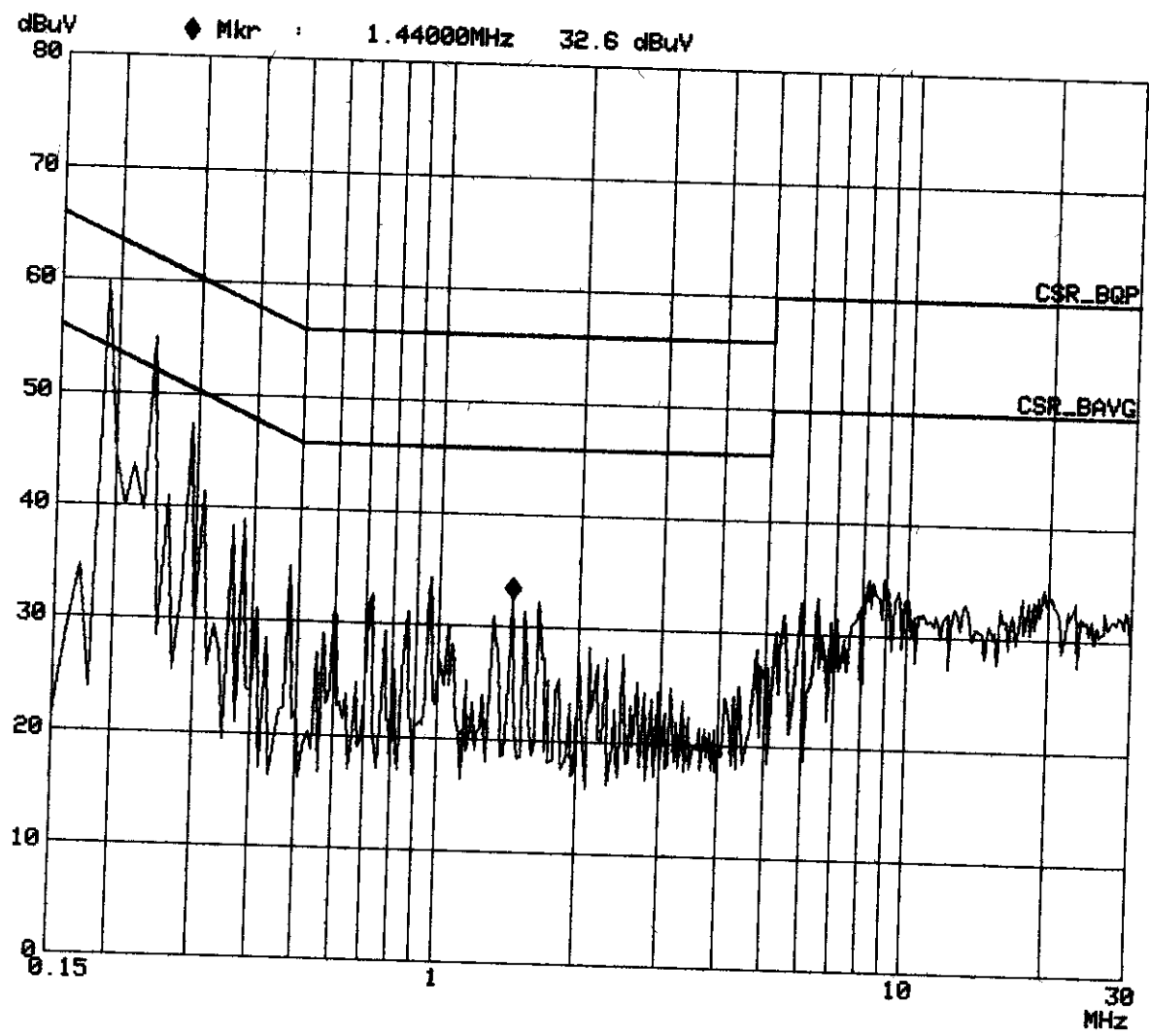
Quietek Corporation
ESCS 30 Test Receiver

EUT: SNAP&GO
Manuf: PRETEC CORPORATION
Operator: Jeff
Test Spec: AC 120/60Hz
Comment: M/N:SG-900
LINE L1
File name: CISPR22B.SPC
Date: 06. Nov 98 16:39

Scan Settings (1 Range)

Frequencies			Receiver Settings				
Start	Stop	Step	IF BW	Detector	M-Time	Atten	Preamp
150k	30M	10k	9k	PK	1ms	10dBLN	OFF

Final Measurement: x QP
Meas Time: 1 s



CONDUCTED EMISSION DATA

Date of Test	: Nov. 06, 1998	Temperature	: 26 °C
EUT	: SNAP & GO	Humidity	: 62 %
Test Mode	: Normal	Display Pattern	:
Detector Mode	: Quasi-Peak & Average		

Frequency MHz	Cable Loss dB	LISN Factor dB	Reading Level Line2 dBuV	Measurement Level Line2 dBuV	Limits dBuV
* 0.192	0.01	0.10	48.00	48.01	63.93
0.237	0.02	0.10	46.61	46.63	62.21
0.287	0.03	0.10	44.12	44.15	60.62
0.384	0.05	0.10	36.46	36.51	58.20
0.960	0.10	0.10	31.15	31.25	56.00
1.439	0.12	0.12	29.96	30.08	56.00

Average:

0.192	0.01	0.00	48.00	48.01	53.95
* 0.237	0.02	0.00	46.61	46.63	52.20
0.287	0.03	0.00	44.12	44.15	50.61
0.384	0.05	0.00	36.46	36.51	48.19
0.960	0.10	0.00	31.15	31.25	46.00
1.439	0.12	0.02	29.96	30.08	46.00

Remarks :

1. " * " means that this data is the worse emission level.
2. All readings are Quasi-peak values.

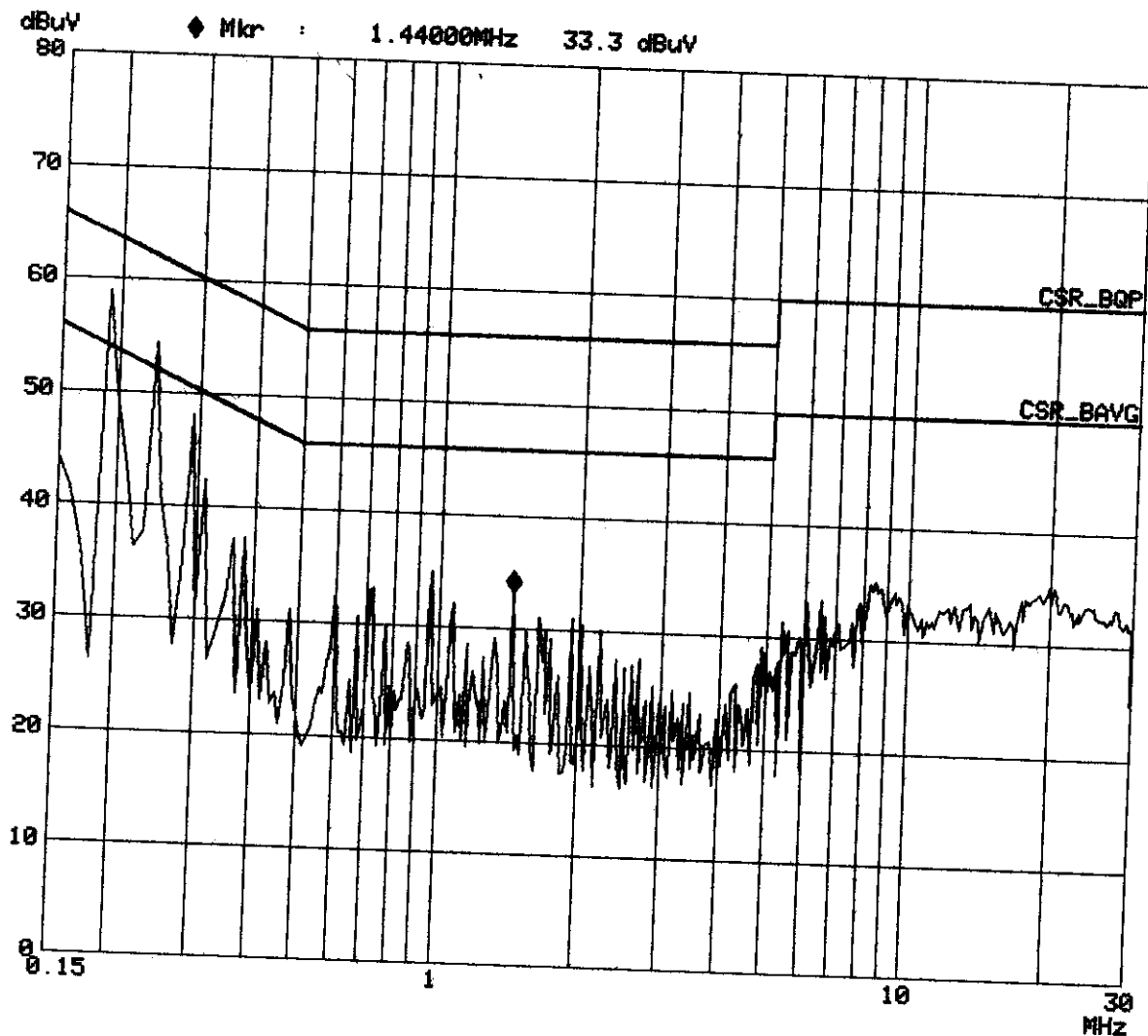
Attached individual pages of peak scan curve data sheets.

Quietek Corporation
ESCS 30 Test Receiver
EUT: SNAP&GO
Manuf: PRETEC CORPORATION
Operator: Jeff
Test Spec: AC 120/60Hz
Comment: M/N:SG-900
LINE L2
File name: CISPR22B.SPC
Date: 06. Nov 98 16:16

Scan Settings (1 Range)

Frequencies			Receiver Settings				
Start	Stop	Step	IF BW	Detector	M-Time	Atten	Preamp
150k	30M	10k	9k	PK	1ms	10dBLN	OFF

Final Measurement: x QP
Meas Time: 1 s



4. Radiation Emission Test

4.1 Test Equipment

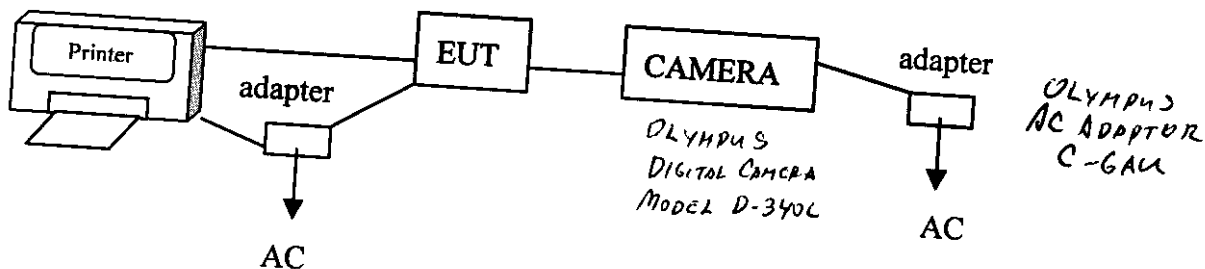
The following test equipments are used during the radiated emission tests:

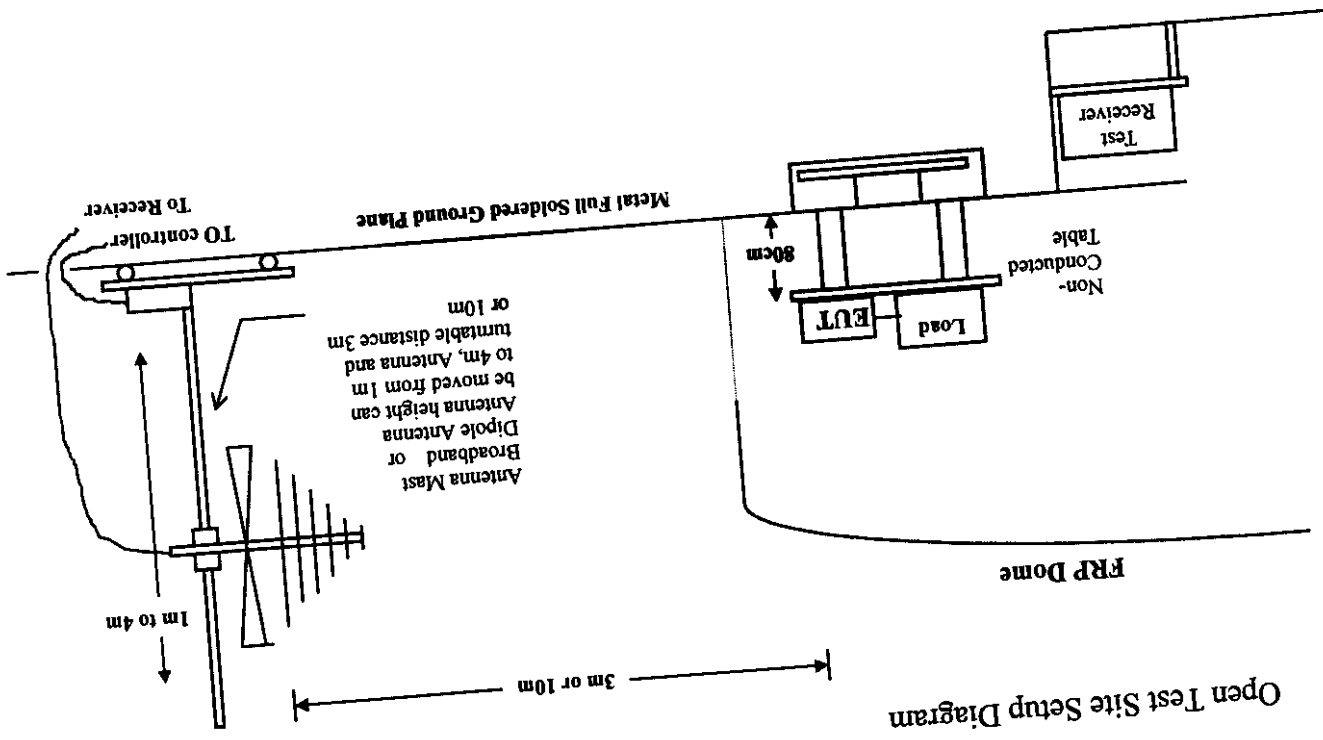
Test Site	Equipment	Manufacturer	Model No./Serial No.	Last Cal.	Remark
SITE # 1	Test Receiver	R & S	ESCS 30 / 825442/14	May, 1998	
	Spectrum Analyzer	Advantest	R3261C / 71720140	May, 1998	
	Pre-Amplifier	HP	8447D/3307A01812	May, 1998	
	Bilog Antenna	Chase	CBL6112B / 12452	Sep., 1998	
	Horn Antenna	EM	EM6917 / 103325	May, 1998	
	Dipole Antenna	Schwarzbeck	VHAP/866,UHAP/543	May, 1998	
SITE # 2	Test Receiver	R & S	ESCS 30 / 825442/17	May, 1998	
	Spectrum Analyzer	Advantest	R3261C / 71720609	May, 1998	
	Pre-Amplifier	HP	8447D/3307A01814	May, 1998	
	Bilog Antenna	Chase	CBL6112B / 2455	Sep., 1998	
	Horn Antenna	EM	EM6917 / 103325	May, 1998	
	Dipole Antenna	Schwarzbeck	VHAP/866,UHAP/543	May, 1998	

Note: 1. All equipment upon which need to calibrated are with calibration period of 1 year.
 2. Test Site : ☒ Site #1 , ☐ Site #2

4.2 Test Setup

4.2.1 Block Diagram of Connections between EUT and simulators





4.3 Radiated Emission Limit

II CISPR 22 Limits:

II CISPR 22 Limits:					
Frequency	MHz	Class A		Class B	
		Distance (m)	Limits (dBuV/m)	Distance (m)	Limits (dBuV/m)
30 - 230		10	40	10	30
230 - 1000		10	47	10	37

Remark: 1. The tighter limit shall apply at the edge between two frequency bands.

2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

4.4 EUT Configuration

The equipments which is listed 4.2.1 are installed on Radiated Emission Test to meet the Commission requirement and operating in a manner which tends to maximize its emission characteristics in a normal application.

4.5 Operating Condition of EUT

Same as Conducted Power Line Test which is listed in 3.5.

4.6 Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 10 meters away from the receiving antenna which is mounted on a antenna tower. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Broadband antenna (calibrated bi-log and horn antenna) are used as a receiving antenna. Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4-1992 on radiated measurement.

The bandwidth below 1Ghz setting on the field strength meter (R&S Test Receiver ESCS 30) is 120 KHz, above 1Ghz are 1 MHz. The frequency range from 30Mhz to 1000Mhz is checked.

4.7 Radiated Emission Data

The initial step in collecting radiated data is a spectrum analyzer peak scan of the measurement range for all the test modes. Then the worst modes were reported the following data pages.

The uncertainty is calculated in accordance with Nemas NIS 81. The total uncertainty for this test is as follows:

- Uncertainty in the field strength measured: $< \pm 4.0 \text{ dB}$

Radiated Emission Data

Test of Mode	:	Nov. 16, 1998	Temperature	:	26 °C
EUT	:	SNAP & GO	Humidity	:	60 %
Test Mode	:	Normal	Display Pattern	:	

Frequency	Cable	Ant	Reading Level	Emission Level	Limits	Ant	Table
	Loss	Factor	Horizontal	Horizontal			
MHz	dB	dB/m	dBuV/m	dBuV/m	dBuV/m	cm	deg
46.000	1.31	10.36	0.83	12.50	30	401	47
48.000	1.33	8.92	0.79	11.04	30	401	176
68.868	1.52	6.19	6.55	14.26	30	401	29
69.564	1.53	6.52	8.25	16.30	30	401	10
132.686	2.14	11.49	0.99	14.62	30	401	54
* 287.998	3.53	13.11	12.08	29.82	37	401	34
336.000	3.94	13.76	12.01	29.71	37	401	185

Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. " * ", means this data is the worse emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss

Radiated Emission Data

Test of Mode	:	Nov. 16, 1998	Temperature	:	26 °C
EUT	:	SNAP & GO	Humidity	:	60 %
Test Mode	:	Normal	Display Pattern	:	

Frequency	Cable	Ant	Reading Level	Emission Level	Limits	Ant	Table
	Loss Factor		Vertical	Vertical			
MHz	dB	dB/m	dBuV/m	dBuV/m	dBuV/m	cm	deg
* 45.998	1.31	9.76	16.71	27.77	30	99	117
68.868	1.52	5.27	19.29	26.08	30	99	24
69.564	1.53	5.38	19.83	26.75	30	99	24
117.565	1.99	11.23	9.68	22.90	30	99	39
132.686	2.14	11.35	9.75	23.24	30	99	121
287.999	3.63	13.17	16.76	33.57	37	99	48

Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. " * ", means this data is the worse emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss

5. Summarization of Test Results

The test results in the conducted and radiated emission were performed according to the requirements of measurement standard and process. QuieTek Corporation is assumed full responsibility for the accuracy and completeness of these measurements. The summarization of the worst value of conducted and radiated emission test is described as below:

☐ The worse value of Conducted Emission Test

Frequency (MHz)	Line	Measurement Level dB(uV)	Limit Level dB(uV)	Comment
0.192	L1	58.22	63.93	Pass
0.192	L2	59.11	63.93	Pass

☐ The worse value of Radiated Emission Test

Frequency (MHz)	Polarization	Measurement Level dB(uV)	Limit Level dB(Uv)	Comment
287.998	H	30.82	37	Pass
45.998	V	27.77	30	Pass

6. EMI Reduction Method During Compliance Testing

No modification was made during testing.

QTK98-F005

Test Report # 2 of 2
Application for Certification
Additional Test data

On Behalf Of
Pretec Corporation.
SNAP & GO
Model : SG-900

TESTED AS PART
OF TYPICAL COMPUTER
SYSTEM

FCC ID : NJB900116

Prepared For:
Pretec Corporation.
6F, No.10, Li-Shin Rd., Science-Based
Industrial Park, Hsin-Chu , Taiwan, R.O.C.

Report By : QuieTek Corporation
No.75-1, Wang-Yeh Valley, Yung-Hsing,
Chiung-Lin, Hsin-Chu County,
Taiwan, R.O.C.
Tel : (03) 592-8858
Fax : (03) 592-8859

The test results are traceable to the national or international standards
Test results given in this report only relate to the specimen(s) tested or measured.
This report shall not be reproduced excepted in full, without the written consent of QuieTek.
This report must not be used to claim product endorsement by NVLAP any agency of the U.S. Government

1. Test Report Certification**Applicant : Pretec Corporation.****Manufacturer : Pretec Corporation.****EUT Description**

(A) Model Name : SNAP & GO

(B) Model No. : SG-900

(C) Serial Number : Proto Type

(D) FCC ID : NJB900116

(E) Power : 120V/60Hz AC

MEASUREMENT STANDARD USED :**CISPR 22 Limits and methods of measurement of radio disturbance characteristics of information technology equipment: 1993****MEASUREMENT PROCEDURE USED :****ANSI C63.4 Methods of Measurements of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9kHz to 40GHz. :1992**

The device described above was tested by QuieTek Corporation to determine the maximum emission levels emanating from the device. The maximum emission levels were compared to the CISPR 22 limits for both radiated and conducted emissions.

The measurement results are contained in this test report and QuieTek Corporation is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliant with the CISPR 22 limits.

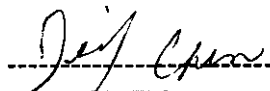
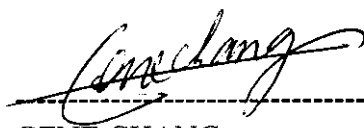
Sample Received Date : Dec, 20, 1998

Test Date : Dec, 23, 1998

Documented by : Amy Hung

Test Engineer:

Approve & Authorized Signer:

The logo for the National Voluntary Laboratory Accreditation Program (NVLAP). It features the letters "NVLAP" in a bold, stylized font, with a registered trademark symbol (®) to the upper right.
JEFF CHEN
GENE CHANG

2. General Information

2.1 Production Description

Description : SNAP & GO

Model Number : **SG-900**

Serial Number : Proto Type

FCC ID : NJB900116

Applicant : **Pretec Corporation.**

Address : **6F, No.10, Li-Shin Rd., Science-Based Industrial Park,**
Hisn-Chu , Taiwan, R.O.C.

Manufacturer : **Pretec Corporation.**

Address : **6F, No.10, Li-Shin Rd., Science-Based Industrial Park,**
Hisn-Chu , Taiwan, R.O.C.

Data cable : To Parallel part

Shielded, **Detachable**, 1.2m

Bonded two ferrite cores

To power adapter

Shielded, **Detachable**, 0.4m

Bonded ferrite core

Note: The data show in this test report reflects the worst-case data for each operation mode.

2.2 Tested System Details

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

2.2.1 The types for all peripheral devices

☒ Host Personal Computer

Model Number : PIII97
 Manufacturer : ASUS
 Serial Number : AS10226
 FCC ID : Doc
 Power Cord : Non-Shielded, Detachable, 1.8m

☒ SNAP & GO (EUT)

Manufacturer : Pretec Corporation
 Model Number : SG-900
 Serial Number : N/A
 FCC ID : NJB900116

☒ Digital Camera

Model Number : D-340L
 Serial Number : 41501710
 FCC ID : DOC
 Manufacturer : OLYMPUS
 Power Adapter : OLYMPUS M/N:C-6AU
 S/N:4381-01

☒ Printer

Model Number : C2642A
 Serial Number : MY75J1D1D0
 FCC ID : B94C2642X
 Manufacturer : HP
 Data Cable : Shielded, Detachable, 1.2m
 Power Adapter : NMB, M/N: C2175A
 Cable for AC IN: Unshielded, Non-detachable, 0.7m
 Cable for AC Out: Unshielded, Non-detachable, 1.5m

☒ Monitor

Model Number : CM752ET-311
Serial Number : T8D003312
FCC ID : Doc
Manufacturer : HITACHI
Data Cable : Shielded, Un-Detachable 1.6m
Power Cord : Shielded, Detachable 1.8m

☒ Keyboard

Model Number : 6311-TW2C
Serial Number : N/A
Manufacturer : ACER
Data Cable : Shielded, Non-detachable, 1.8m
FCC ID : Doc

☒ Mouse

Model Number : M-UB48
Serial Number : LTC74800118
FCC ID : DZL211137
Manufacturer : Logitech
Data Cable : Shielded, Non-detachable, 1.8m

☒ Modem

Model Number : 1414
Serial Number : 980033039
FCC ID : IFAXDM1414
Manufacturer : ACCEX
Data Cable : Shielded, Detachable, 1.5m
Power Adapter : ACCEX, M/N: SCP41-91000A
Cable Output : Shielded, Non-detachable, 1.5m

☒ Joystick

Model Number : JPD110
Serial Number : 9814A15646
Manufacturer : Maxxtro
FCC ID : Doc
Data Cable : Shielded, Non-detachable, 1.7m

Quietek Corporation

No. 75-1, Wang-Yeh Valley, Yung-Hsin, Chinn-Lin,

Hsin-Chu Count, Taiwan, R.O.C.

Tel : 03-592-8858, Fax : 03-592-8859

CONDUCTED EMISSION DATA

Date of Test	:	Dec. 23, 1998
EUT	:	SNAP & GO
Test Mode	:	Normal
Detector Mode	:	Quasi-Peak
Temperature	:	24 °C
Humidity	:	64 %
Display Pattern	:	

Frequency	Cable	Loss	Factor	LISN	Reading Level	Measurement Level	Limits
MHz	dB	dB	dB		dBuV	dBuV	dBuV
0.671	0.08	0.10	0.12	29.66	29.84	47.96	47.96
1.731	0.13	0.18	36.88	34.12	37.14	47.96	47.96
5.767	0.22	0.19	39.58	40.02	34.51	47.96	47.96
7.883	0.25	0.28	19	43.78	40.02	47.96	47.96
* 12.591	30	0.49	29.85	43.78	30.71	47.96	47.96
22.292	0.37						

Remarks :

1. " * " means that this data is the worse emission level.
2. All readings are Quasi-peak and average values.

CONDUCTED EMISSION DATA

Date of Test	:	Dec. 23, 1998
EUT	:	
Test Mode	:	SNAP & GO
Detector Mode	:	Normal
	:	Quasi-Peak
Temperature	:	24 °C
Humidity	:	64 %
Display Pattern	:	

Frequency	Cable	Loss	Factor	LISN	Reading Level	Measurement Level	Limits
MHz	dB	dB	dB		Line2	Line2	dBuV

0.967	0.10	0.10	0.12	0.12	36.15	36.35	47.96
1.449	0.12	0.12	0.12	0.12	37.38	37.62	47.96
1.641	0.13	0.12	0.12	0.12	36.60	36.85	47.96
6.278	0.23	0.18	0.18	0.18	39.60	40.01	47.96
8.307	0.26	0.19	0.19	0.19	39.57	40.02	47.96
*12.45	30	0.28			05	42.63	47.96

Remarks :

1. " * " means that this data is the worse emission level.
2. All readings are Quasi-peak values.

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Radiated Emission Data

Test of Mode	:	Dec. 23, 1998	Temperature	:	24 °C
EUT	:	SNAP & GO	Humidity	:	64 %
Test Mode	:	Normal	Display Pattern	:	

Frequency	Cable	Ant	Reading Level	Emission Level	Limits Ant Table
MHz	Loss Factor	dB	dB/m	Horizontal	Horizontal
				dBuV/m	dBuV/m cm deg
48.000	1.33	8.92	5.71	15.96	30.00 401 30
68.868	1.52	6.19	12.22	19.93	30.00 401 199
69.564	1.53	6.52	11.46	19.51	30.00 401 165
117.565	1.99	11.46	6.46	19.91	30.00 401 66
287.998	3.63	13.11	18.30	35.04	37.00 258 60
336.000	3.94	13.76	15.71	33.41	37.00 227 109

Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. " * ", means this data is the worse emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss

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Radiated Emission Data

Test of Mode	:	Nov. 16, 1998	Temperature	:	24 °C
EUT	:	SNAP & GO	Humidity	:	64 %
Test Mode	:	Normal	Display Pattern	:	

Frequency	Cable	Ant	Reading Level	Emission Level	Limits Ant Table
MHz	dB	Loss Factor	dB/m	Vertical	dB/m
				Vertical	dBuV/m cm deg

47.347	1.32	8.93	11.59	21.84	30.00	100	27
68.869	1.52	5.27	18.49	25.28	30.00	100	76
117.565	1.99	11.23	13.49	26.71	30.00	100	31
132.868	2.14	11.35	7.74	21.23	30.00	100	132
287.999	3.63	13.17	16.11	32.92	37.00	100	43
336.000	3.94	14.63	11.09	29.66	37.00	100	89

Remarks:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. " * ", means this data is the worse emission level.
3. Emission Level = Reading Level + Antenna Factor + Cable loss