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APPLICANT: GOLDEN TECHNOLOGY COMPANY LIMITED

FCC ID: TBEOMMP3

TEST REPORT CONTAINING:

EXHIBITS CONTAINING:

Equipment List

Device	Manufacturer	Model	Serial Number	Cal/Char Date	Due Date
3/10-Meter OATS	TEI	N/A	N/A	Listed 3/27/04	3/26/07
3-Meter OATS	TEI	N/A	N/A	Listed 1/13/03	1/12/06
Biconnical Antenna	Eaton	94455-1	1057	CAL 3/18/03	3/18/05
Biconnical Antenna	Eaton	94455-1	1096	CAL 10/1/01	10/1/03
Biconnical Antenna	Electro-Metrics	BIA-25	1171	CAL 4/26/01	4/26/03
Blue Tower Quasi-Peak Adapter	HP	85650A	2811A01279	CAL 4/15/03	4/15/05
Blue Tower RF Preselector	HP	85685A	2620A00294	CAL 4/27/04	4/27/06
Blue Tower Spectrum Analyzer	HP	8568B	2928A04729 2848A18049	CAL 4/15/03	4/15/05
LISN	Electro-Metrics	ANS-25/2	2604	CAL 10/9/01	10/9/03
LISN	Electro-Metrics	EM-7820	2682	CAL 3/12/03	3/12/05
Log-Periodic Antenna	Eaton	96005	1243	CAL 5/8/03	5/8/05

TEST PROCEDURE

GENERAL: This report shall NOT be reproduced except in full without the written approval of TIMCO ENGINEERING, INC. Shielded interface cables were used in all cases except for cables connecting to the telephone line and the power cords. A test program was run which filled the screen with H's and also with the modem dialing out. Peripherals were turned on and operating.

RADIATION INTERFERENCE: The test procedure used was ANSI STANDARD C63.4-2003 using a HEWLETT PACKARD spectrum analyzer with a preselector. The bandwidth of the spectrum analyzer was 100 kHz with an appropriate sweep speed. The analyzer was calibrated in dB above a microvolt at the output of the antenna. The resolution bandwidth was 100KHz and the video bandwidth was 300KHz. The ambient temperature of the UUT was 77°F with a humidity of 62%.

FORMULA OF CONVERSION FACTORS: The Field Strength at 3m was established by adding the meter reading of the spectrum analyzer (which is set to read in units of dBuV) to the antenna correction factor supplied by the antenna manufacturer. The antenna correction factors are stated in terms of dB. The gain of the Preselector was accounted for in the Spectrum Analyzer Meter Reading.

Example:

Freq (MHz)	METER READING + ACF = FS
33	20 dBuV + 10.36 dB = 30.36 dBuV/m @ 3m

ANSI STANDARD C63.4-2003 10.1.7 MEASUREMENT PROCEDURES: The UUT was placed on a table 80 cm high and with dimensions of 1m by 1.5m. The UUT was placed in a manner that was representative of the way the EUT would be used. If the EUT had any peripherals, they were attached and placed in a similar manner. The table used for radiated measurements is capable of continuous rotation.

When an emission was found, the table was rotated to produce the maximum signal strength. At this point, the antenna was raised and lowered from 1m to 4m. The antenna was placed in both the horizontal and vertical planes. In addition, in the event of the test being for a computer set up, the modem and printer positions were swapped and cables were manipulated as much as possible. The monitor was not moved, as that would not represent a typical situation configuration.

The situation was similar for the conducted measurement except that the table did not rotate. The EUT was setup as described in ANSIC63.4-2003 with the EUT 40 cm from the vertical ground wall.

APPLICANT: GOLDEN TECHNOLOGY COMPANY LIMITED

FCC ID: TBEOMMP3

NAME OF TEST: RADIATED SPURIOUS EMISSIONS

RULES PART NO.: 15.109(a) - Class B Computing Device

REQUIREMENTS: 30-88 MHz 40.0 dBuV/m measured at 3 meters
88-216 MHz 43.5 dbuV/m
216-960 MHz 46.0 dbuV/m
ABOVE 960 MHz 54.0 dbuV/m

TEST DATA:

Emission Frequency MHz	Meter Reading dBuV	Ant. Polarity	Coax Loss dB	Correction Factor dB	Field Strength dBuV/m	Margin dB
47.68	9.4	V	0.49	10.64	20.53	19.47
47.96	10.9	H	0.49	11.20	22.59	17.41
74.96	12.3	H	0.58	7.01	19.89	20.11
76.41	10.3	V	0.59	6.77	17.66	22.34
82.28	10.3	V	0.61	7.20	18.11	21.89
85.78	11.1	V	0.61	8.07	19.78	20.22
104.74	12.1	H	0.65	11.59	24.34	19.16
166.26	8.9	V	0.77	15.95	25.62	17.88
180.08	9.7	H	0.82	16.61	27.13	16.37
203.26	11.4	H	0.91	11.93	24.24	19.26
207.52	9.0	V	0.92	11.32	21.24	22.26
216.08	9.7	V	0.93	11.04	21.67	24.33
216.10	12.9	H	0.93	11.88	25.71	20.29
252.08	11.6	H	1.00	12.68	25.28	20.72
277.76	8.3	V	1.06	13.19	22.55	23.45
298.40	8.7	V	1.10	13.88	23.68	22.32
324.05	13.9	H	1.12	15.20	30.22	15.78
343.28	10.0	V	1.14	14.53	25.67	20.33
360.04	11.2	H	1.16	15.10	27.46	18.54
381.40	12.1	V	1.18	14.90	28.18	17.82
419.51	10.9	V	1.22	16.30	28.42	17.58
448.14	10.5	V	1.25	16.73	28.48	17.52
486.26	8.8	V	1.29	17.48	27.57	18.43
507.27	10.7	H	1.32	19.02	31.04	14.96
562.52	8.2	V	1.49	18.55	28.24	17.76

TEST PROCEDURE: ANSI STANDARD C63.4-2003. The spectrum was scanned from 30 to 1000 MHz. The unit was measured at Timco Engineering Inc. 849 N.W. State Road 45, Newberry, FL 32669.

TEST RESULTS: The unit DOES appear to meet the FCC requirements.

PERFORMED BY: NAM NGUYEN **DATE:** MAY 23, 2005

APPLICANT: GOLDEN TECHNOLOGY COMPANY LIMITED

FCC ID: TBEOMMP3

NAME OF TEST: POWER LINE CONDUCTED INTERFERENCE

RULES PART NO.: 15.107

REQUIREMENTS:

	QUASI-PEAK	**AVERAGE**
.15 – 0.5 MHz	66-56 dBuV	56-46 dBuV
0.5 – 5.0	56	46
5.0 – 30.	60	50

TEST PROCEDURE: ANSI STANDARD C63.4-1992. The spectrum was scanned from .15 to 30 MHz.

THE GRAPHS ON THE FOLLOWING 2 PAGES REPRESENT THE EMISSIONS READ FOR POWERLINE CONDUCTED FOR THIS DEVICE.

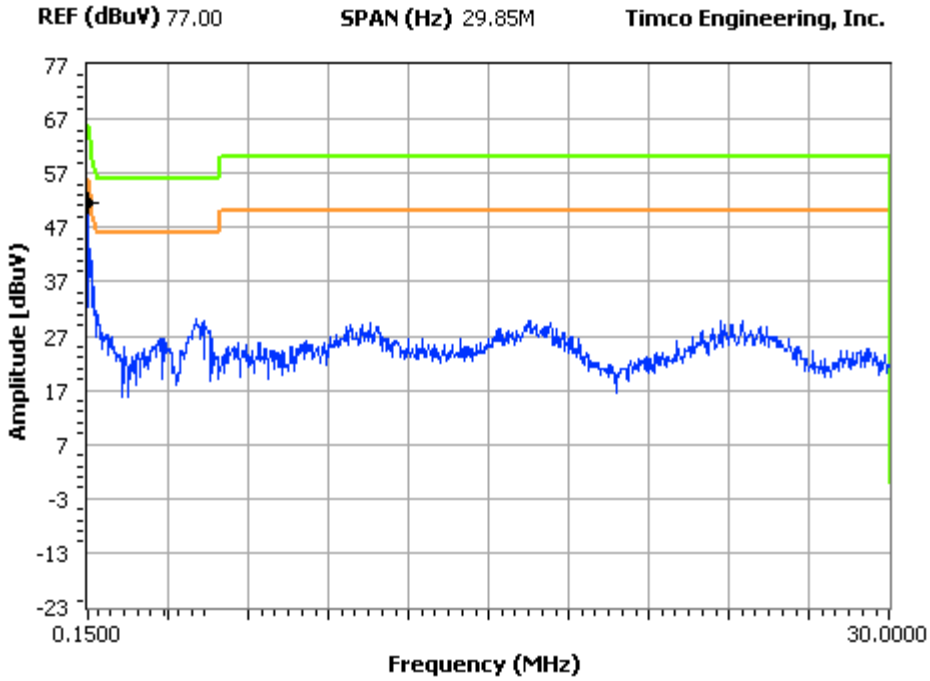
TEST RESULTS: Both lines were observed. The measurements indicate that the unit DOES appear to meet the FCC requirements for this class of equipment.

PERFORMED BY: NAM NGUYEN DATE: MAY 24, 2005

NOTES:

GOLDEN TECHNOLOGY COMPANY LIMITED - FCC ID: TBEOMMP3
POWERLINE CONDUCTED PLOT - LINE 1

FCC 15.107 Mask Class B



RBW	VBW	ST (sec)
10 kHz	10 kHz	750m

Center Frequency (Hz) 15.075M

Marker Delta (Hz) 0.00

Peak	0.150	51.70
MKR2	0.000	0.00
MKR3	0.000	0.00
HWMK	23.076	6.27

NOTES:

GOLDEN TECHNOLOGY COMPANY LIMITED - FCC ID: TBEOMMP3
POWERLINE CONDUCTED PLOT - LINE 2

FCC 15.107 Mask Class B