Application for Certification
For a RF Transmitter

Visionary Products, Inc.
11814 South Election Road, Suite 200
Draper, UT 84020

Computer Interface Device w/ RFID

M/N: CL2

FCC ID: SJN-CL2-RFID-M1

REPORT # RV68044B-003

This report was prepared in accordance with the requirements of the FCC Rules and Regulations Part 2, Subpart J, 2.1033, Part 15.225, and other applicable sections of the rules as indicated herein.

Prepared By:

DNB Engineering, Inc.
5969 Robinson Avenue
Riverside, CA 92503

28 Dec 2005

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Paragraph numbers in this report follow the application section numbers found in the FEDERAL COMMUNICATIONS COMMISSION Rules and Regulations, Part 2, Subpart J for Certification of electronic equipment.

1.0 ADMINISTRATIVE DATA

1.1 Certifications and Qualifications

I certify that DNB Engineering, Inc conducted the tests performed in order to obtain the technical data presented in this application. Also, based on the results of the enclosed data, I have concluded that the equipment tested meets or exceeds the requirements of the Rules and Regulations governing this application.

1.2 Measurement Repeatability Information

The test data presented in this report has been acquired using the guidelines set forth in FCC Part 2.1031 through 2.1057, Part 15. The test results presented in this document are valid only for the equipment identified herein under the test conditions described. Repeatability of these test results will only be achieved with identical measurement conditions. These conditions include: The same test distance, EUT Height, Measurement Site Characteristics, and the same EUT System Components. The system must have the same Interconnecting Cables arranged in identical placement to that in the test set-up, with the system and/or EUT functioning in the identical mode of operation (i.e. software and so on) as on the date of the test. Any deviation from the test conditions and the environment on the date of the test may result in measurement repeatability difficulties.

All changes made to the EUT during the course of testing as identified in this test report must be incorporated into the EUT or identical models to ensure compliance with the FCC regulations.

C. L. Payne III (Para. 1.1)
Sr Engineering Manager
Riverside Facility.
DNB Engineering, Inc.
Tel. (951) 637-2630
FAX (951) 637-2704

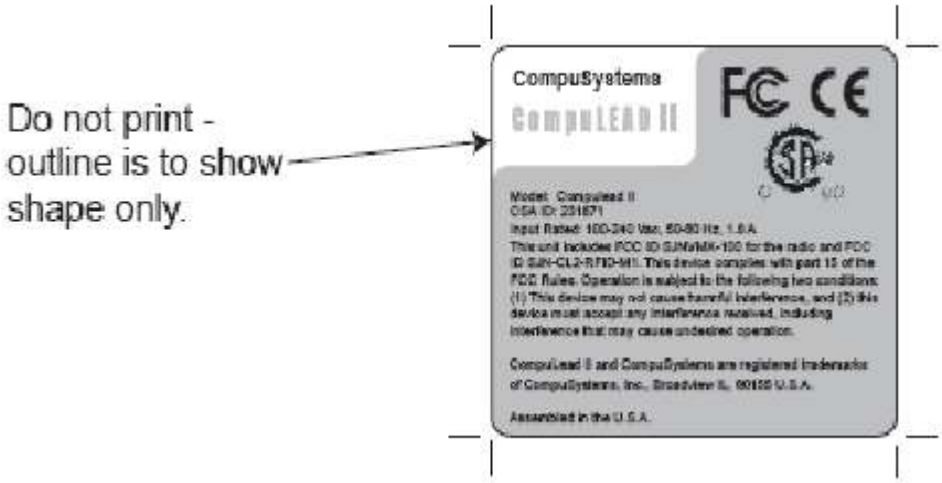
2.1033 (b) (1) Application for Certification

Name of Applicant:		Visionary Products, Inc. 11814 South Election Road, Suite 200 Draper, UT 84020
FRN Number:		0006535801
Applicant is:	X	Manufacturer
Vendor		
Licensee		
Prospective Licensee		
Other		
Name of Manufacturer		Visionary Products, Inc.
Description:		Computer Interface Device w/ RFID
Part Number:		CL2
Anticipated Production Quantity:		Multiple Units
Frequency Band:		13.561 MHz
Rated Power:		16.8 microvolts/meter @ 3 meters
Emission Designator:		190KF1D

2.1033 (b) (2) FCC Identifier

FCC ID: SJN-CL2-RFID-M1

To be placed on the module:



To be placed on the final CL2 Series unit.

2.1033 (b) (3) Installation and Operating Instructions

Attached as separate documents

2.1033 (b) (4) Brief Description of Circuit Function

Attached as separate documents.

2.1033 (b) (5) Block Diagram

Supplied separately for confidentiality.

2.1033 (b) (6) Report of Measurements

15.207 Conducted Emissions (General Provisions)

Test Procedure:

To measure conducted emissions, the EUT was set upon a wooden table in the shielded enclosure. AC power was fed into the EUT from the Artificial Mains Network. With the Artificial Mains Network connected to an HP 8568B Spectrum Analyzer, and using the HP 9825 Computer/Controller and the HP 85864B EMI Measurement Software, the spectrum was searched from 0.15 - 30 MHz for emissions emanating from the EUT.

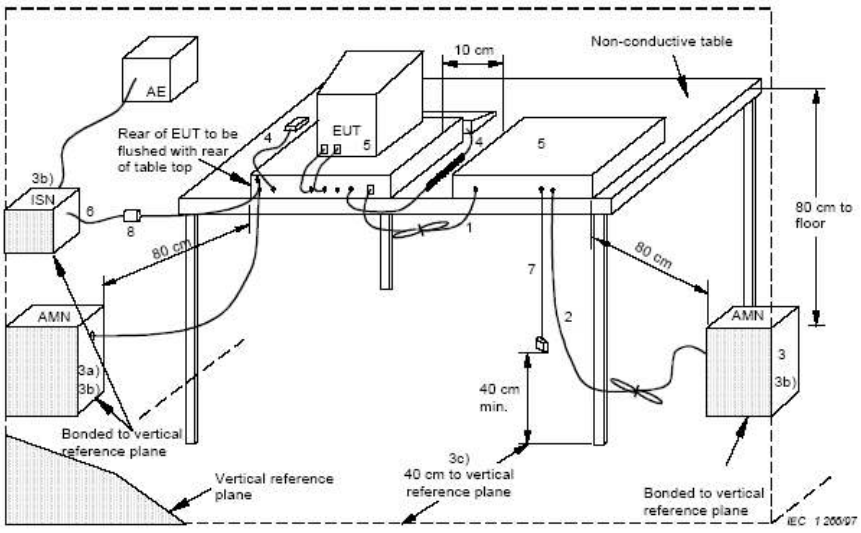
Frequency of emission (MHz)	Conducted Limit (dBuV)	
	Quasi-Peak	Average
0.15 - 0.5	66 to 56*	56 to 46*
0.5 - 5	56	46
5 - 30	60	50

* Decreases with the logarithm of the frequency.

EUT operating conditions:

The software provided by the client to enable the EUT to transmit continuously.

Test Set Up:



	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	**Conducted Emissions**

DNB Job Number:	68044	Date: Jul 18, 2005	Specification [X] 15.207
Customer:	Visionary Products, Inc.		
Model Number:	CL2	Serial Number: Proto	
Description:	Computer Interface Device w/ RFID		
	Set Up		

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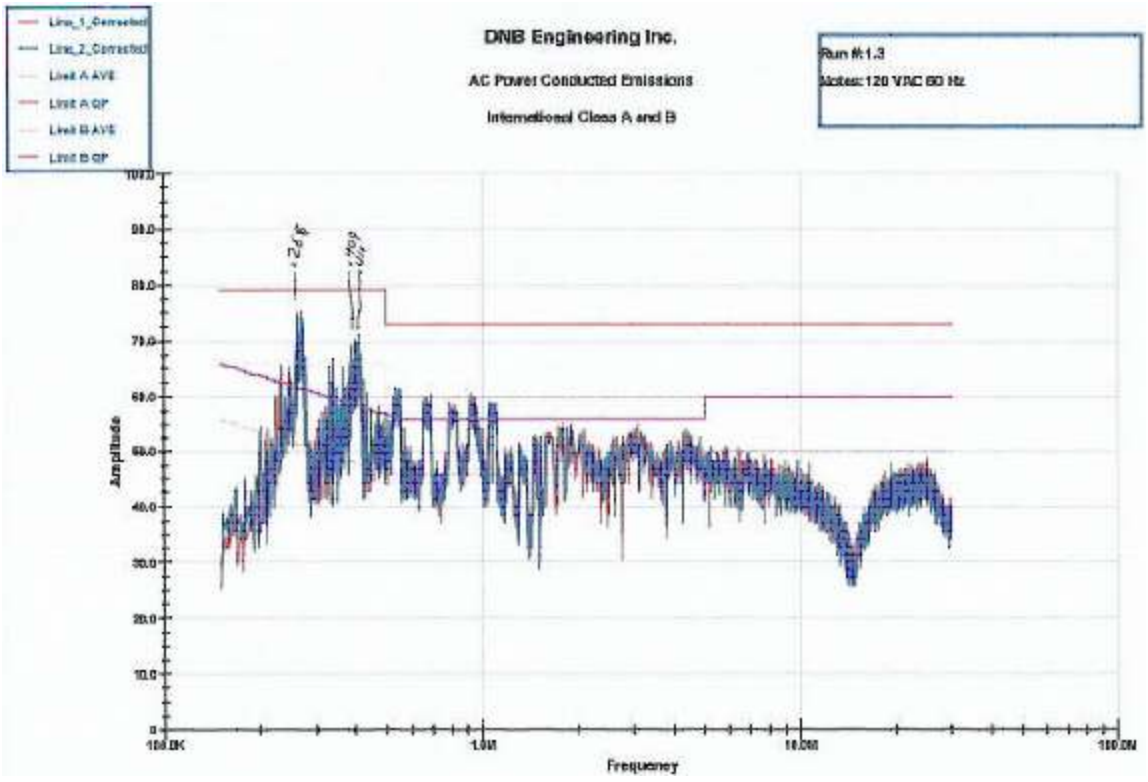
Conducted Emissions

DNB Job Number:	68044	Date: Jul 18, 2005	Specification
Customer:	Visionary Products, Inc.		[X] 15.207
Model Number:	CL2	Serial Number: Proto	
Description:	Computer Interface Device w/ RFID		

Freq. (MHz)	Meas'd (dBuV)	Filter Factors (dB)	Amp Factors (dB)	LISN Factors (dB)	Cable Factors (dB)	Total Factors (dB)	Total (dBuV)	Limit (dBuV)	Delta (dB)	Limit Type AVE,QP	Line L1 L2 L3 Le	HP/ R&S	Meas. Type AVE, QP, Peak	Comments
0.274	70.90			0.1	0.1	0.2	71.10	79.0	-7.90	QP	L2	R&S	QP	Run 1.3 120 VAC 60 Hz
0.266	70.80			0.1	0.1	0.2	71.00	79.0	-8.00	QP	L2	R&S	QP	Run 1.3 120 VAC 60 Hz
0.268	57.50			0.1	0.1	0.2	57.70	66.0	-8.30	AVE	L2	R&S	AVE	Run 1.3 120 VAC 60 Hz
0.268	57.20			0.1	0.1	0.2	57.40	66.0	-8.60	AVE	L1	R&S	AVE	Run 1.3 120 VAC 60 Hz
0.268	69.50			0.1	0.1	0.2	69.70	79.0	-9.30	QP	L1	R&S	QP	Run 1.3 120 VAC 60 Hz
0.274	69.50			0.1	0.1	0.2	69.70	79.0	-9.30	QP	L1	R&S	QP	Run 1.3 120 VAC 60 Hz
0.274	56.40			0.1	0.1	0.2	56.60	66.0	-9.40	AVE	L1	R&S	AVE	Run 1.3 120 VAC 60 Hz
0.274	56.10			0.1	0.1	0.2	56.30	66.0	-9.70	AVE	L2	R&S	AVE	Run 1.3 120 VAC 60 Hz
0.409	52.90			0.1	0.2	0.3	53.20	66.0	-12.80	AVE	L1	R&S	AVE	Run 1.3 120 VAC 60 Hz
0.409	52.70			0.1	0.2	0.3	53.00	66.0	-13.00	AVE	L2	R&S	AVE	Run 1.3 120 VAC 60 Hz
0.411	52.60			0.1	0.2	0.3	52.90	66.0	-13.10	AVE	L1	R&S	AVE	Run 1.3 120 VAC 60 Hz
0.409	65.40			0.1	0.2	0.3	65.70	79.0	-13.30	QP	L2	R&S	QP	Run 1.3 120 VAC 60 Hz
0.411	65.30			0.1	0.2	0.3	65.60	79.0	-13.40	QP	L1	R&S	QP	Run 1.3 120 VAC 60 Hz
0.411	52.30			0.1	0.2	0.3	52.60	66.0	-13.40	AVE	L2	R&S	AVE	Run 1.3 120 VAC 60 Hz
0.411	65.20			0.1	0.2	0.3	65.50	79.0	-13.50	QP	L2	R&S	QP	Run 1.3 120 VAC 60 Hz
0.409	64.60			0.1	0.2	0.3	64.90	79.0	-14.10	QP	L1	R&S	QP	Run 1.3 120 VAC 60 Hz



15.209 Radiated Emissions (General Provisions)

Test Procedure:

The EUT was measured on an open area test site (OATS).

A measuring distance of at least 3 m shall be used for measurements at frequencies up to 1 GHz. For frequencies above 1 GHz, any suitable measuring distance may be used. The equipment size (excluding the antenna) shall be less than 20 % of the measuring distance.

Sufficient precautions shall be taken to ensure that reflections from extraneous objects adjacent to the site do not degrade the measurement results, in particular:

- no extraneous conducting objects having any dimension in excess of a quarter wavelength of the highest frequency tested shall be in the immediate vicinity of the site;

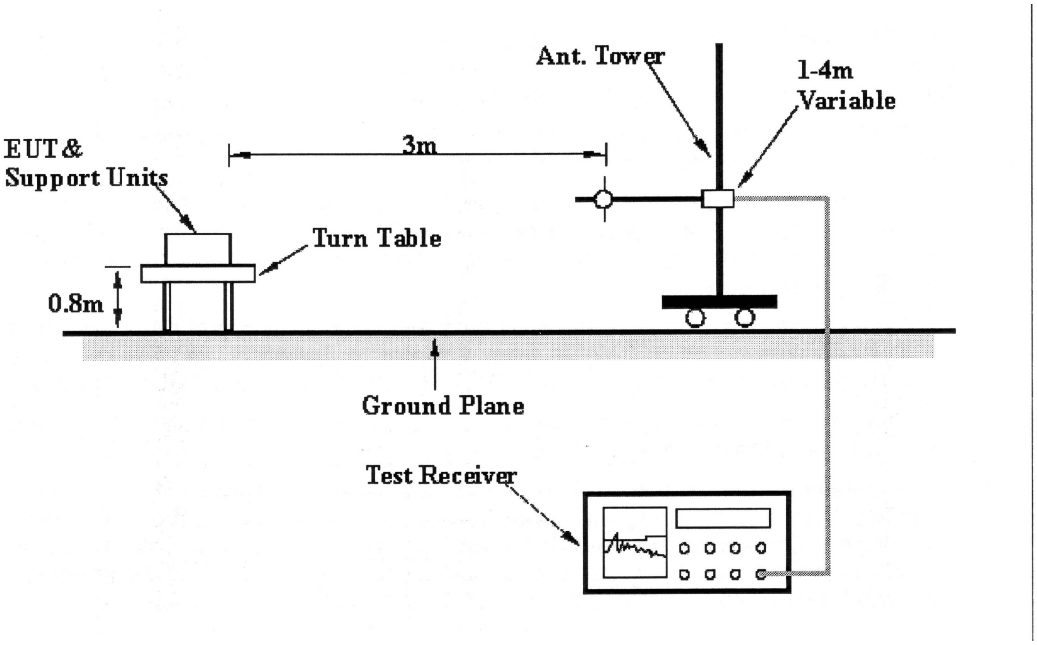
- all cables shall be as short as possible; as much of the cables as possible shall be on the ground plane or preferably below; and the low impedance cables shall be screened.

The EUT shall be placed upon a non-conductive table 1.5 meters above the ground plane and shall be placed in the "worst case" transmitting mode. The EUT shall be rotated 360 degrees to find the azimuth maxima. The receive antenna shall then be raised and lowered between 1 to 4 meters to find the maximum signal emanating from the EUT. This signal strength is then recorded on the data sheets.

Frequency (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measurement Distance (meters)
.0009 - 0.490	2400/F(kHz)	$20*(Log_{10}(2400/F(kHz))$	300
0.490 - 1.705	24000/F(kHz)	$20*(Log_{10}(24000/F(kHz))$	30
1.705 - 30.0	30	29.5	30
30 - 88	100	40.0	3
88 - 216	150	43.5	3
216 - 960	200	46.0	3
Above 960	500	54.0	3

Restricted bands are highlighted with a red background

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	**Radiated Emissions** (Spurious)		
DNB Job Number:	68044	Date:	10 Oct 2005	Specification
Customer:	Visionary Products, Inc.			[X] 15.205 [X] 15.209 [X] 15.225 (a,d)
Model Number:	CL2	Serial Number:	Proto	
Description:	Computer Interface Device w/ RFID			
	Test Set Up			



	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	**Radiated Emissions** (Spurious)	
DNB Job Number:	68044	Date: 9 Mar 2006	Specification [X] 15.205 [X] 15.209 [X] 15.225 (a,d)
Customer:	Visionary Products, Inc.		
Model Number:	CL2	Serial Number: Proto	
Description:	Computer Interface Device w/ RFID		
Test Set Up - Active Loop Antenna			

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	**Radiated Emissions** (Spurious)	
DNB Job Number:	68044	Date: 10 Oct 2005	Specification [X] 15.205 [X] 15.209 [X] 15.225 (a,d)
Customer:	Visionary Products, Inc.		
Model Number:	CL2	Serial Number: Proto	
Description:	Computer Interface Device w/ RFID		
Test Set Up - Bicon Antenna			

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	**Radiated Emissions** (Spurious)	
DNB Job Number:	68044	Date: 21 Oct 2005	Specification [X] 15.205 [X] 15.209 [X] 15.225 (a,d)
Customer:	Visionary Products, Inc.		
Model Number:	CL2	Serial Number: Proto	
Description:	Computer Interface Device w/ RFID		
Test Set Up - Log Periodic Antenna			

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	**Radiated Emissions** (Spurious)	
DNB Job Number:	68044	Date: 21 Oct 2005	Specification [X] 15.205 [X] 15.209 [X] 15.225 (a,d)
Customer:	Visionary Products, Inc.		
Model Number:	CL2	Serial Number: Proto	
Description:	Computer Interface Device w/ RFID		
Axis 1			

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	**Radiated Emissions** (Spurious)	
DNB Job Number:	68044	Date: 10 Oct 2005	Specification [X] 15.205 [X] 15.209 [X] 15.225 (a,d)
Customer:	Visionary Products, Inc.		
Model Number:	CL2	Serial Number: Proto	
Description:	Computer Interface Device w/ RFID		
Axis 2			

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Radiated Emissions (General)

DNB Job Number:	68044	Date: 10 Oct 2005	Specification
Customer:	Visionary Products, Inc.		[X] 15.205
Model Number:	CL2	Serial Number: Proto	[X] 15.209
Description:	Computer Interface Device w/ RFID		[X] 15.225 (d)
	Axis 1- Sorted by Margin then Frequency		

EUT is in conformance with specifications	X	YES		NO	Signed	*Tom Elders*

Freq	Mtr	Correction factors in dB						in dBuV/m			in uV/m			Positions			
		Loop	Bcn	Log	Cbl	Amp	Dist	Cor	Lim	Δ	Cor	Lim	Δ	Tbl	Typ	Pol	Hgt
40.673	47.9	0	12.3	0	0.7	-24.3	0	36.6	40	-3.4	68	100	-32	0	PK	V	1.02
230.519	51.5	0	0	12.4	2.2	-24.2	0	41.9	46	-4.1	124	200	-76	154	PK	H	1.45
67.797	46.6	0	9.1	0	1.0	-24.2	0	32.5	40	-7.5	42	100	-58	0	PK	V	1.01
257.654	47.4	0	0	12.3	2.3	-24.3	0	37.7	46	-8.3	77	200	-123	154	PK	H	1.45
81.356	43.8	0	8.8	0	1.2	-24.2	0	29.6	40	-10	30	100	-70	331	PK	V	1.00
230.510	43.5	0	0	12.4	2.2	-24.2	0	33.9	46	-12	50	200	-150	270	PK	V	1.00
244.079	43.7	0	0	12.2	2.3	-24.3	0	33.9	46	-12	50	200	-150	154	PK	H	1.45
81.343	41.4	0	8.8	0	1.2	-24.2	0	27.2	40	-13	23	100	-77	0	PK	H	3.34
284.749	41.5	0	0	13.1	2.4	-24.4	0	32.6	46	-13	43	200	-157	270	PK	V	1.00
40.674	37.4	0	12.3	0	0.7	-24.3	0	26.1	40	-14	20	100	-80	0	PK	H	4.00
122.030	40.7	0	11.2	0	1.5	-24.2	0	29.2	43.5	-14	29	150	-121	60	PK	H	3.34
162.710	39.3	0	12.5	0	1.9	-24.2	0	29.5	43.5	-14	30	150	-120	60	PK	H	3.34
257.642	41.6	0	0	12.3	2.3	-24.3	0	31.9	46	-14	39	200	-161	270	PK	V	1.00
284.756	40.5	0	0	13.1	2.4	-24.4	0	31.6	46	-14	38	200	-162	154	PK	H	1.45
433.933	36.5	0	0	16.5	3.3	-24.7	0	31.6	46	-14	38	200	-162	270	PK	V	1.00
54.236	38.8	0	9.4	0	0.9	-24.3	0	24.8	40	-15	17	100	-83	331	PK	V	1.00
54.223	38.2	0	9.4	0	0.9	-24.3	0	24.2	40	-16	16	100	-84	0	PK	H	3.34
433.922	34.6	0	0	16.5	3.3	-24.7	0	29.7	46	-16	31	200	-169	154	PK	H	1.45
461.053	34.2	0	0	17.5	3.5	-24.7	0	30.5	46	-16	33	200	-167	270	PK	H	1.45
27.122	4.5	5.1	0	0	0.5	0	0	10.1	29.5	-19	3	30	-27	0	PK	90	1.30
108.463	37.1	0	10.0	0	1.4	-24.2	0	24.3	43.5	-19	16	150	-134	0	PK	H	3.34
338.996	34.1	0	0	14.7	2.8	-24.5	0	27.1	46	-19	23	200	-177	154	PK	H	1.45
271.207	34.7	0	0	12.5	2.4	-24.4	0	25.2	46	-21	18	200	-182	270	PK	V	1.00
311.869	31.5	0	0	14.1	2.6	-24.4	0	23.8	46	-22	15	200	-185	270	PK	V	1.00
27.122	0.5	5.1	0	0	0.5	0	0	6.1	29.5	-23	2	30	-28	0	PK	0	1.30
216.950	27.7	0	14.5	0	2.2	-24.2	0	20.2	46	-26	10	200	-190	60	PK	H	3.34

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Radiated Emissions (General)

DNB Job Number:	68044	Date: 10 Oct 2005	Specification
Customer:	Visionary Products, Inc.		[X] 15.205
Model Number:	CL2	Serial Number: Proto	[X] 15.209
Description:	Computer Interface Device w/ RFID		[X] 15.225 (d)
	Axis 1- Sorted by Antenna Polarity then Frequency		

EUT is in conformance with specifications	X	YES		NO	Signed	*Tom Elders*

Freq	Mtr	Correction factors in dB						in dBuV/m			in uV/m			Positions			
		Loop	Bcn	Log	Cbl	Amp	Dist	Cor	Lim	Δ	Cor	Lim	Δ	Tbl	Typ	Pol	Hgt
27.122	0.5	5.1	0	0	0.5	0	0	6.1	29.5	-23	2	30	-28	0	PK	0	1.30
27.122	4.5	5.1	0	0	0.5	0	0	10.1	29.5	-19	3	30	-27	0	PK	90	1.30
40.674	37.4	0	12.3	0	0.7	-24.3	0	26.1	40	-14	20	100	-80	0	PK	H	4.00
54.223	38.2	0	9.4	0	0.9	-24.3	0	24.2	40	-16	16	100	-84	0	PK	H	3.34
81.343	41.4	0	8.8	0	1.2	-24.2	0	27.2	40	-13	23	100	-77	0	PK	H	3.34
108.463	37.1	0	10.0	0	1.4	-24.2	0	24.3	43.5	-19	16	150	-134	0	PK	H	3.34
122.030	40.7	0	11.2	0	1.5	-24.2	0	29.2	43.5	-14	29	150	-121	60	PK	H	3.34
162.710	39.3	0	12.5	0	1.9	-24.2	0	29.5	43.5	-14	30	150	-120	60	PK	H	3.34
216.950	27.7	0	14.5	0	2.2	-24.2	0	20.2	46	-26	10	200	-190	60	PK	H	3.34
230.519	51.5	0	0	12.4	2.2	-24.2	0	41.9	46	-4.1	124	200	-76	154	PK	H	1.45
244.079	43.7	0	0	12.2	2.3	-24.3	0	33.9	46	-12	50	200	-150	154	PK	H	1.45
257.654	47.4	0	0	12.3	2.3	-24.3	0	37.7	46	-8.3	77	200	-123	154	PK	H	1.45
284.756	40.5	0	0	13.1	2.4	-24.4	0	31.6	46	-14	38	200	-162	154	PK	H	1.45
338.996	34.1	0	0	14.7	2.8	-24.5	0	27.1	46	-19	23	200	-177	154	PK	H	1.45
433.922	34.6	0	0	16.5	3.3	-24.7	0	29.7	46	-16	31	200	-169	154	PK	H	1.45
461.053	34.2	0	0	17.5	3.5	-24.7	0	30.5	46	-16	33	200	-167	270	PK	H	1.45
40.673	47.9	0	12.3	0	0.7	-24.3	0	36.6	40	-3.4	68	100	-32	0	PK	V	1.02
54.236	38.8	0	9.4	0	0.9	-24.3	0	24.8	40	-15	17	100	-83	331	PK	V	1.00
67.797	46.6	0	9.1	0	1.0	-24.2	0	32.5	40	-7.5	42	100	-58	0	PK	V	1.01
81.356	43.8	0	8.8	0	1.2	-24.2	0	29.6	40	-10	30	100	-70	331	PK	V	1.00
230.510	43.5	0	0	12.4	2.2	-24.2	0	33.9	46	-12	50	200	-150	270	PK	V	1.00
257.642	41.6	0	0	12.3	2.3	-24.3	0	31.9	46	-14	39	200	-161	270	PK	V	1.00
271.207	34.7	0	0	12.5	2.4	-24.4	0	25.2	46	-21	18	200	-182	270	PK	V	1.00
284.749	41.5	0	0	13.1	2.4	-24.4	0	32.6	46	-13	43	200	-157	270	PK	V	1.00
311.869	31.5	0	0	14.1	2.6	-24.4	0	23.8	46	-22	15	200	-185	270	PK	V	1.00
433.933	36.5	0	0	16.5	3.3	-24.7	0	31.6	46	-14	38	200	-162	270	PK	V	1.00

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Radiated Emissions (General)

DNB Job Number:	68044	Date: 10 Oct 2005	Specification
Customer:	Visionary Products, Inc.		[X] 15.205
Model Number:	CL2	Serial Number: Proto	[X] 15.209
Description:	Computer Interface Device w/ RFID		[X] 15.225 (d)
	Axis 2- Sorted by Margin then Frequency		

EUT is in conformance with specifications | X | YES | | NO | Signed | *Tom Elders*

Freq	Mtr	Correction factors in dB						in dBuV/m			in uV/m			Positions			
		Loop	Bcn	Log	Cbl	Amp	Dist	Cor	Lim	Δ	Cor	Lim	Δ	Tbl	Typ	Pol	Hgt
40.627	46.4	0	12.3	0	0.7	-24.3	0	35.1	40	-4.9	57	100	-43	327	QP	V	1.00
230.521	50.3	0	0	12.4	2.2	-24.2	0	40.7	46	-5.3	108	200	-92	327	QP	H	1.02
257.635	48.7	0	0	12.3	2.3	-24.3	0	39	46	-7	89	200	-111	344	PK	H	1.02
433.925	43.2	0	0	16.5	3.3	-24.7	0	38.3	46	-7.7	82	200	-118	312	PK	V	1.47
284.759	47.1	0	0	13.1	2.4	-24.4	0	38.2	46	-7.8	81	200	-119	347	PK	H	1.02
149.168	46.2	0	11.6	0	1.8	-24.2	0	35.4	43.5	-8.1	59	150	-91	323	PK	V	1.00
461.044	41.1	0	0	17.5	3.5	-24.7	0	37.4	46	-8.6	74	200	-126	312	PK	V	1.47
40.666	41.9	0	12.3	0	0.7	-24.3	0	30.6	40	-9.4	34	100	-66	296	PK	H	4.00
447.407	40.7	0	0	17.0	3.4	-24.7	0	36.4	46	-9.6	66	200	-134	323	PK	H	1.02
54.227	43.8	0	9.4	0	0.9	-24.3	0	29.8	40	-10	31	100	-69	327	PK	V	1.00
67.788	43.8	0	9.1	0	1.0	-24.2	0	29.7	40	-10	31	100	-69	327	PK	V	1.00
447.484	40.3	0	0	17.0	3.4	-24.7	0	36	46	-10	63	200	-137	312	PK	V	1.47
149.158	43.2	0	11.6	0	1.8	-24.2	0	32.4	43.5	-11	42	150	-108	288	PK	H	3.37
311.886	42.4	0	0	14.1	2.6	-24.4	0	34.7	46	-11	54	200	-146	336	PK	H	1.02
420.382	39.9	0	0	16.3	3.2	-24.6	0	34.8	46	-11	55	200	-145	328	PK	V	1.47
474.612	38.6	0	0	17.9	3.6	-24.8	0	35.3	46	-11	58	200	-142	304	PK	V	1.47
108.466	44.0	0	10.0	0	1.4	-24.2	0	31.2	43.5	-12	36	150	-114	274	PK	H	3.25
135.592	42.6	0	11.5	0	1.7	-24.2	0	31.6	43.5	-12	38	150	-112	323	PK	V	1.00
230.515	44.0	0	0	12.4	2.2	-24.2	0	34.4	46	-12	52	200	-148	323	PK	V	1.00
339.006	40.1	0	0	14.7	2.8	-24.5	0	33.1	46	-13	45	200	-155	328	PK	H	1.02
406.803	37.9	0	0	16.7	3.1	-24.6	0	33.1	46	-13	45	200	-155	319	PK	H	1.02
420.364	37.9	0	0	16.3	3.2	-24.6	0	32.8	46	-13	44	200	-156	330	PK	H	1.02
81.346	40.1	0	8.8	0	1.2	-24.2	0	25.9	40	-14	20	100	-80	274	PK	H	3.25
81.353	40.6	0	8.8	0	1.2	-24.2	0	26.4	40	-14	21	100	-79	327	PK	V	1.00
257.640	41.5	0	0	12.3	2.3	-24.3	0	31.8	46	-14	39	200	-161	305	PK	V	1.00
271.196	41.5	0	0	12.5	2.4	-24.4	0	32	46	-14	40	200	-160	356	PK	H	1.02
366.118	38.6	0	0	14.9	2.9	-24.5	0	31.9	46	-14	39	200	-161	328	PK	H	1.02
433.919	37.4	0	0	16.5	3.3	-24.7	0	32.5	46	-14	42	200	-158	323	PK	H	1.02

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FAX (951) 637-2704

Radiated Emissions (General)

DNB Job Number:	68044	Date: 10 Oct 2005	Specification [X] 15.205 [X] 15.209 [X] 15.225 (d)
Customer:	Visionary Products, Inc.		
Model Number:	CL2	Serial Number: Proto	
Description:	Axis 2- Sorted by Margin then Frequency Page 2		

Freq	Mtr	Correction factors in dB						in dBuV/m			in uV/m			Positions			
		Loop	Bcn	Log	Cbl	Amp	Dist	Cor	Lim	Δ	Cor	Lim	Δ	Tbl	Typ	Pol	Hgt
474.599	34.9	0	0	17.9	3.6	-24.8	0	31.6	46	-14	38	200	-162	331	PK	H	1.02
488.170	34.8	0	0	18.1	3.6	-24.8	0	31.7	46	-14	38	200	-162	304	PK	V	1.47
108.473	41.8	0	10.0	0	1.4	-24.2	0	29	43.5	-15	28	150	-122	327	PK	V	1.00
122.026	40.2	0	11.2	0	1.5	-24.2	0	28.7	43.5	-15	27	150	-123	303	PK	H	3.37
135.652	39.1	0	11.5	0	1.7	-24.2	0	28.1	43.5	-15	25	150	-125	303	PK	H	3.37
244.073	41.0	0	0	12.2	2.3	-24.3	0	31.2	46	-15	36	200	-164	327	PK	H	1.02
393.239	36.5	0	0	16.4	3.1	-24.6	0	31.4	46	-15	37	200	-163	328	PK	H	1.02
406.799	36.1	0	0	16.7	3.1	-24.6	0	31.3	46	-15	37	200	-163	352	PK	V	1.47
461.039	34.9	0	0	17.5	3.5	-24.7	0	31.2	46	-15	36	200	-164	323	PK	H	1.02
162.728	37.7	0	12.5	0	1.9	-24.2	0	27.9	43.5	-16	25	150	-125	323	PK	V	1.00
203.394	35.4	0	13.9	0	2.1	-24.2	0	27.2	43.5	-16	23	150	-127	288	PK	H	3.37
298.322	38.3	0	0	13.7	2.5	-24.4	0	30.1	46	-16	32	200	-168	347	PK	H	1.02
311.875	37.3	0	0	14.1	2.6	-24.4	0	29.6	46	-16	30	200	-170	352	PK	V	1.00
501.714	33.0	0	0	18.2	3.7	-24.8	0	30.1	46	-16	32	200	-168	316	PK	V	1.47
162.714	36.8	0	12.5	0	1.9	-24.2	0	27	43.5	-17	22	150	-128	288	PK	H	3.37
488.159	32.0	0	0	18.1	3.6	-24.8	0	28.9	46	-17	28	200	-172	325	PK	H	1.02
216.961	36.0	0	14.5	0	2.2	-24.2	0	28.5	46	-18	27	200	-173	323	PK	V	1.00
244.067	38.3	0	0	12.2	2.3	-24.3	0	28.5	46	-18	27	200	-173	294	PK	V	1.00
379.678	34.1	0	0	15.3	3.0	-24.6	0	27.8	46	-18	25	200	-175	328	PK	H	1.02
27.107	5.4	5.1	0	0	0.5	0	0	11	29.5	-19	4	30	-26	0	PK	90	1.26
339.013	33.8	0	0	14.7	2.8	-24.5	0	26.8	46	-19	22	200	-178	360	PK	V	1.00
352.554	33.9	0	0	15.0	2.8	-24.5	0	27.2	46	-19	23	200	-177	328	PK	H	1.02
393.250	32.2	0	0	16.4	3.1	-24.6	0	27.1	46	-19	23	200	-177	352	PK	V	1.00
67.786	34.1	0	9.1	0	1.0	-24.2	0	20	40	-20	10	100	-90	308	PK	H	4.00
216.954	33.9	0	14.5	0	2.2	-24.2	0	26.4	46	-20	21	200	-179	319	PK	H	3.47
284.767	35.2	0	0	13.1	2.4	-24.4	0	26.3	46	-20	21	200	-179	343	PK	V	1.00
54.226	32.0	0	9.4	0	0.9	-24.3	0	18	40	-22	8	100	-92	308	PK	H	4.00
379.671	30.7	0	0	15.3	3.0	-24.6	0	24.4	46	-22	17	200	-183	337	PK	V	1.00
27.122	0.9	5.1	0	0	0.5	0	0	6.5	29.5	-23	2	30	-28	0	PK	0	1.30
298.332	30.3	0	0	13.7	2.5	-24.4	0	22.1	46	-24	13	200	-187	323	PK	V	1.00
271.212	28.4	0	0	12.5	2.4	-24.4	0	18.9	46	-27	9	200	-191	305	PK	V	1.0

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Radiated Emissions (General)

DNB Job Number:	68044	Date: 10 Oct 2005	Specification
Customer:	Visionary Products, Inc.		[X] 15.205
Model Number:	CL2	Serial Number: Proto	[X] 15.209
Description:	Computer Interface Device w/ RFID		[X] 15.225 (d)
	Axis 2- Sorted by Antenna Polarity then Frequency		

EUT is in conformance with specifications | X | YES | | NO | Signed | *Tom Elders*

Freq	Mtr	Correction factors in dB						in dBuV/m			in uV/m			Positions			
		Loop	Bcn	Log	Cbl	Amp	Dist	Cor	Lim	Δ	Cor	Lim	Δ	Tbl	Typ	Pol	Hgt
27.122	0.9	5.1	0	0	0.5	0	0	6.5	29.5	-23	2	30	-28	0	PK	0	1.30
27.107	5.4	5.1	0	0	0.5	0	0	11	29.5	-19	4	30	-26	0	PK	90	1.00
40.666	41.9	0	12.3	0	0.7	-24.3	0	30.6	40	-9.4	34	100	-66	296	PK	H	4.00
54.226	32.0	0	9.4	0	0.9	-24.3	0	18	40	-22	8	100	-92	308	PK	H	4.00
67.786	34.1	0	9.1	0	1.0	-24.2	0	20	40	-20	10	100	-90	308	PK	H	4.00
81.346	40.1	0	8.8	0	1.2	-24.2	0	25.9	40	-14	20	100	-80	274	PK	H	3.25
108.466	44.0	0	10.0	0	1.4	-24.2	0	31.2	43.5	-12	36	150	-114	274	PK	H	3.25
122.026	40.2	0	11.2	0	1.5	-24.2	0	28.7	43.5	-15	27	150	-123	303	PK	H	3.37
135.652	39.1	0	11.5	0	1.7	-24.2	0	28.1	43.5	-15	25	150	-125	303	PK	H	3.37
149.158	43.2	0	11.6	0	1.8	-24.2	0	32.4	43.5	-11	42	150	-108	288	PK	H	3.37
162.714	36.8	0	12.5	0	1.9	-24.2	0	27	43.5	-17	22	150	-128	288	PK	H	3.37
203.394	35.4	0	13.9	0	2.1	-24.2	0	27.2	43.5	-16	23	150	-127	288	PK	H	3.37
216.954	33.9	0	14.5	0	2.2	-24.2	0	26.4	46	-20	21	200	-179	319	PK	H	3.47
230.521	50.3	0	0	12.4	2.2	-24.2	0	40.7	46	-5.3	108	200	-92	327	QP	H	1.02
244.073	41.0	0	0	12.2	2.3	-24.3	0	31.2	46	-15	36	200	-164	327	PK	H	1.02
257.635	48.7	0	0	12.3	2.3	-24.3	0	39	46	-7	89	200	-111	344	PK	H	1.02
271.196	41.5	0	0	12.5	2.4	-24.4	0	32	46	-14	40	200	-160	356	PK	H	1.02
284.759	47.1	0	0	13.1	2.4	-24.4	0	38.2	46	-7.8	81	200	-119	347	PK	H	1.02
298.322	38.3	0	0	13.7	2.5	-24.4	0	30.1	46	-16	32	200	-168	347	PK	H	1.02
311.886	42.4	0	0	14.1	2.6	-24.4	0	34.7	46	-11	54	200	-146	336	PK	H	1.02
339.006	40.1	0	0	14.7	2.8	-24.5	0	33.1	46	-13	45	200	-155	328	PK	H	1.02
352.554	33.9	0	0	15.0	2.8	-24.5	0	27.2	46	-19	23	200	-177	328	PK	H	1.02
366.118	38.6	0	0	14.9	2.9	-24.5	0	31.9	46	-14	39	200	-161	328	PK	H	1.02
379.678	34.1	0	0	15.3	3.0	-24.6	0	27.8	46	-18	25	200	-175	328	PK	H	1.02
393.239	36.5	0	0	16.4	3.1	-24.6	0	31.4	46	-15	37	200	-163	328	PK	H	1.02
406.803	37.9	0	0	16.7	3.1	-24.6	0	33.1	46	-13	45	200	-155	319	PK	H	1.02
420.364	37.9	0	0	16.3	3.2	-24.6	0	32.8	46	-13	44	200	-156	330	PK	H	1.02
433.919	37.4	0	0	16.5	3.3	-24.7	0	32.5	46	-14	42	200	-158	323	PK	H	1.02

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Radiated Emissions (General)

DNB Job Number:	68044	Date: 10 Oct 2005	Specification [X] 15.205 [X] 15.209 [X] 15.225 (d)
Customer:	Visionary Products, Inc.		
Model Number:	CL2	Serial Number: Proto	
Description:	Axis 2- Sorted by Antenna Polarity then Frequency Page 2		

Freq	Mtr	Correction factors in dB						in dBuV/m			in uV/m			Positions			
		Loop	Bcn	Log	Cbl	Amp	Dist	Cor	Lim	Δ	Cor	Lim	Δ	Tbl	Typ	Pol	Hgt
447.407	40.7	0	0	17.0	3.4	-24.7	0	36.4	46	-9.6	66	200	-134	32	PK	H	1.0
461.039	34.9	0	0	17.5	3.5	-24.7	0	31.2	46	-15	36	200	-164	32	PK	H	1.0
474.599	34.9	0	0	17.9	3.6	-24.8	0	31.6	46	-14	38	200	-162	33	PK	H	1.0
488.159	32.0	0	0	18.1	3.6	-24.8	0	28.9	46	-17	28	200	-172	32	PK	H	1.0
40.627	46.4	0	12.3	0	0.7	-24.3	0	35.1	40	-4.9	57	100	-43	32	QP	V	1.0
54.227	43.8	0	9.4	0	0.9	-24.3	0	29.8	40	-10	31	100	-69	32	PK	V	1.0
67.788	43.8	0	9.1	0	1.0	-24.2	0	29.7	40	-10	31	100	-69	327	PK	V	1.00
81.353	40.6	0	8.8	0	1.2	-24.2	0	26.4	40	-14	21	100	-79	327	PK	V	1.00
108.473	41.8	0	10.0	0	1.4	-24.2	0	29	43.5	-15	28	150	-122	327	PK	V	1.00
135.592	42.6	0	11.5	0	1.7	-24.2	0	31.6	43.5	-12	38	150	-112	323	PK	V	1.00
149.168	46.2	0	11.6	0	1.8	-24.2	0	35.4	43.5	-8.1	59	150	-91	323	PK	V	1.00
162.728	37.7	0	12.5	0	1.9	-24.2	0	27.9	43.5	-16	25	150	-125	323	PK	V	1.00
216.961	36.0	0	14.5	0	2.2	-24.2	0	28.5	46	-18	27	200	-173	323	PK	V	1.00
230.515	44.0	0	0	12.4	2.2	-24.2	0	34.4	46	-12	52	200	-148	323	PK	V	1.00
244.067	38.3	0	0	12.2	2.3	-24.3	0	28.5	46	-18	27	200	-173	294	PK	V	1.00
257.640	41.5	0	0	12.3	2.3	-24.3	0	31.8	46	-14	39	200	-161	305	PK	V	1.00
271.212	28.4	0	0	12.5	2.4	-24.4	0	18.9	46	-27	9	200	-191	305	PK	V	1.0
284.767	35.2	0	0	13.1	2.4	-24.4	0	26.3	46	-20	21	200	-179	343	PK	V	1.00
298.332	30.3	0	0	13.7	2.5	-24.4	0	22.1	46	-24	13	200	-187	323	PK	V	1.00
311.875	37.3	0	0	14.1	2.6	-24.4	0	29.6	46	-16	30	200	-170	352	PK	V	1.00
339.013	33.8	0	0	14.7	2.8	-24.5	0	26.8	46	-19	22	200	-178	360	PK	V	1.00
379.671	30.7	0	0	15.3	3.0	-24.6	0	24.4	46	-22	17	200	-183	337	PK	V	1.00
393.250	32.2	0	0	16.4	3.1	-24.6	0	27.1	46	-19	23	200	-177	352	PK	V	1.00
406.799	36.1	0	0	16.7	3.1	-24.6	0	31.3	46	-15	37	200	-163	352	PK	V	1.47
420.382	39.9	0	0	16.3	3.2	-24.6	0	34.8	46	-11	55	200	-145	328	PK	V	1.47
433.925	43.2	0	0	16.5	3.3	-24.7	0	38.3	46	-7.7	82	200	-118	312	PK	V	1.47
447.484	40.3	0	0	17.0	3.4	-24.7	0	36	46	-10	63	200	-137	312	PK	V	1.47
461.044	41.1	0	0	17.5	3.5	-24.7	0	37.4	46	-8.6	74	200	-126	312	PK	V	1.47
474.612	38.6	0	0	17.9	3.6	-24.8	0	35.3	46	-11	58	200	-142	304	PK	V	1.47
488.170	34.8	0	0	18.1	3.6	-24.8	0	31.7	46	-14	38	200	-162	304	PK	V	1.47
501.714	33.0	0	0	18.2	3.7	-24.8	0	30.1	46	-16	32	200	-168	316	PK	V	1.47

15.225 (a) Maximum Field Strength

Test Procedure:

Same set up as radiated emission 15.209.

Test Set Up:

Same set up as radiated emission 15.209.

Requirement:

The field dtrength of any emission within the band 13.553-13.567 MHz shall not exceed 15,848 microvolts/meter at 30 meters.

Note: Measurement distance was 3 meters to account for background ambient noise.

Note: Measurements taken at 3 meters were compared directly to the 30 meter specification, no distance factor was calculated into the reading.

When used the distance factor shall be calculated as follows:

Dist = 40 * Log_{10}(3 meters/30meters) = -40dB

Limit = 15,848 microvolts/meter = 84dBuV/m at 30 meters

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	**Peak Field Strength**

DNB Job Number:	68044	Date: 9 Mar 2006	**Conformance Standard**
Customer:	Visionary Products, Inc. Inc		FCC Part 15
Model Number:	CL2	Serial Number: Proto	
Description:	Computer Interface Device w/ RFID		**Clause** 15.225(a)

Environmental Conditions		
Ambient Temperature	Relative Humidity	Barometric Pressure
23 °C	57 %	102.0 kPa

EUT performed within the requirements of the applicable standard [X] Yes [ ] No *Tom Elder*s

Freq	Mtr	Correction factors in dB						in dBuV/m			in uV/m			Positions			
		Loop	Bcn	Log	Cbl	Amp	Dist	Cor	Lim	Δ	Cor	Lim	Δ	Tbl	Typ	Pol	Hgt
13.561	2.3	8.4	0	0	0.3	0	0.0	11	84	-73	4	15848	-158	360	PK	0	1.00
13.561	6.3	8.4	0	0	0.3	0	0.0	15	84	-69	6	15848	-158	360	PK	90	1.00
13.561	2.9	8.4	0	0	0.3	0	0.0	11.6	84	-72	4	15848	-158	360	PK	0	1.00
13.561	8.1	8.4	0	0	0.3	0	0.0	16.8	84	-67	7	15848	-158	360	PK	90	1.00

15.225 (e) Frequency Tolerance (inclusive of Modulation and Occupied Bandwidth)

Test Procedure:

The transmitter output was connected to the spectrum analyzer. The bandwidth of the center frequency was measured with a 10kHz RBW and a 30kHz VBW without modulation and a 30kHz RBW and a 30kHz VBW with modulation..

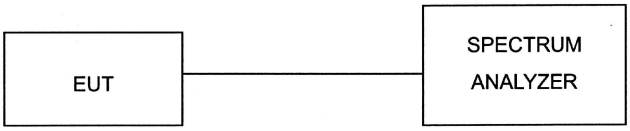
Requirement: The frequency tolerance of the carrier signal shall be maintained within +/- 0.01% of the operating frequency over a temperature variation on -20 degrees to +50 degrees C at nominal supply voltage, and for a variation of supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C.

EUT operating conditions:

The software provided by the client to enable the EUT to operate at either no modulation or maximum modulation.

Test Set Up: (Note following set up was used for all antenna conducted measurements)

Note: For temperature measurements EUT was placed in a thermal chamber.
Note: For Voltage measurement an DC Power supply and voltmeter were used.



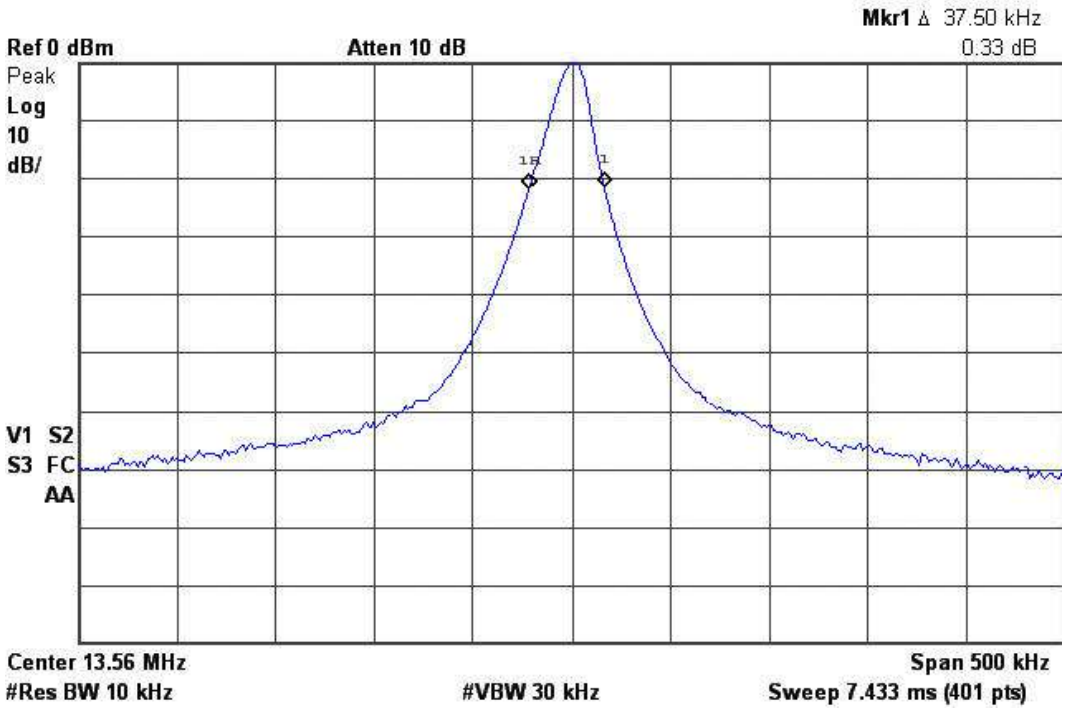
	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	**Frequency Tolerance**	
DNB Job Number:	68044	Date: 12 Oct 2005	Specification
Customer:	Visionary Products, Inc.		
Model Number:	CL2	Serial Number: Proto	[X] 15.225 (e)
Description:	Computer Interface Device w/ RFID		
Test Set up for temperature, modulation characteristics, and occupied bandwidth.			

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	**Frequency Tolerance**	
DNB Job Number:	68044	Date: 12 Oct 2005	Specification
Customer:	Visionary Products, Inc.		
Model Number:	CL2	Serial Number: Proto	[X] 15.225 (e)
Description:	Computer Interface Device w/ RFID		
Test Set up for voltage variations.			

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	**Modulation Characteristics**	
DNB Job Number:	68044	Date: 12 Oct 2005	**Conformance Standard** FCC Part 15 **Clause** 15.225 (e) 2.1047 (d)
Customer:	Visionary Products, Inc. Inc		
Model Number:	CL2	Serial Number: Proto	
Description:	Computer Interface Device w/ RFID		
	No Modulation		

Environmental Conditions		
Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	51 %	101.7 kPa

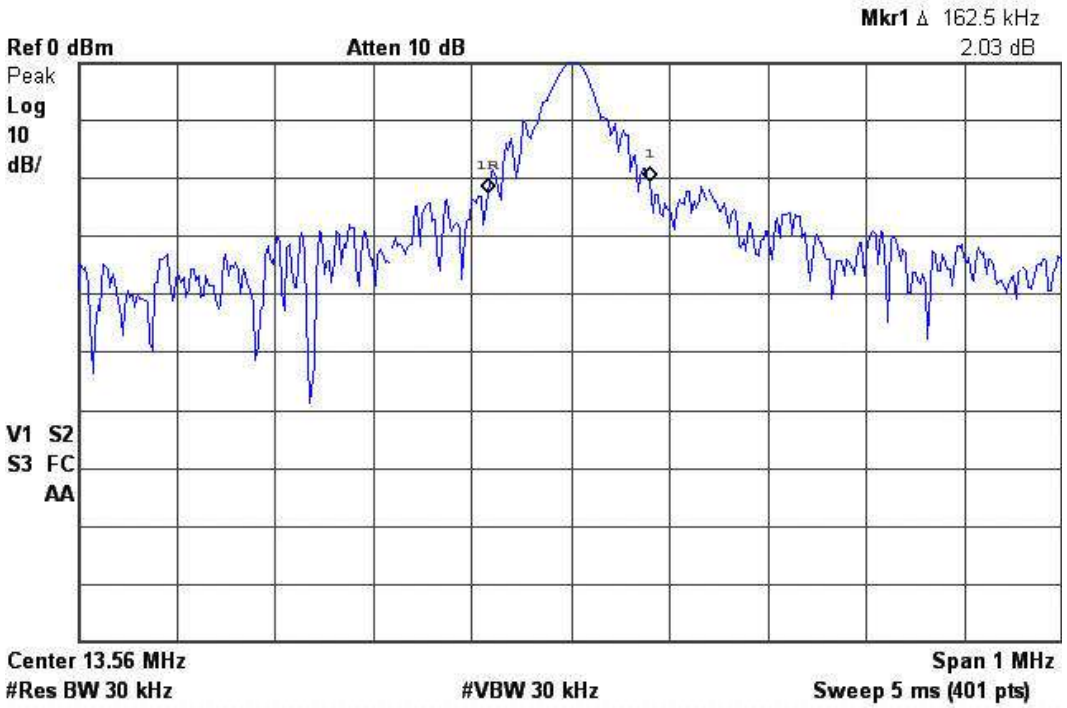
EUT performed within the requirements of the applicable standard [X] Yes [ ] No *Tom Elders*



	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	**Modulation Characteristics**	
DNB Job Number:	68044	Date: 12 Oct 2005	**Conformance Standard** FCC Part 15 **Clause** 15.225 (e) 2.1047 (d)
Customer:	Visionary Products, Inc. Inc		
Model Number:	CL2	Serial Number: Proto	
Description:	Computer Interface Device w/ RFID		
	Modulation On		

Environmental Conditions		
Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	51 %	101.7 kPa

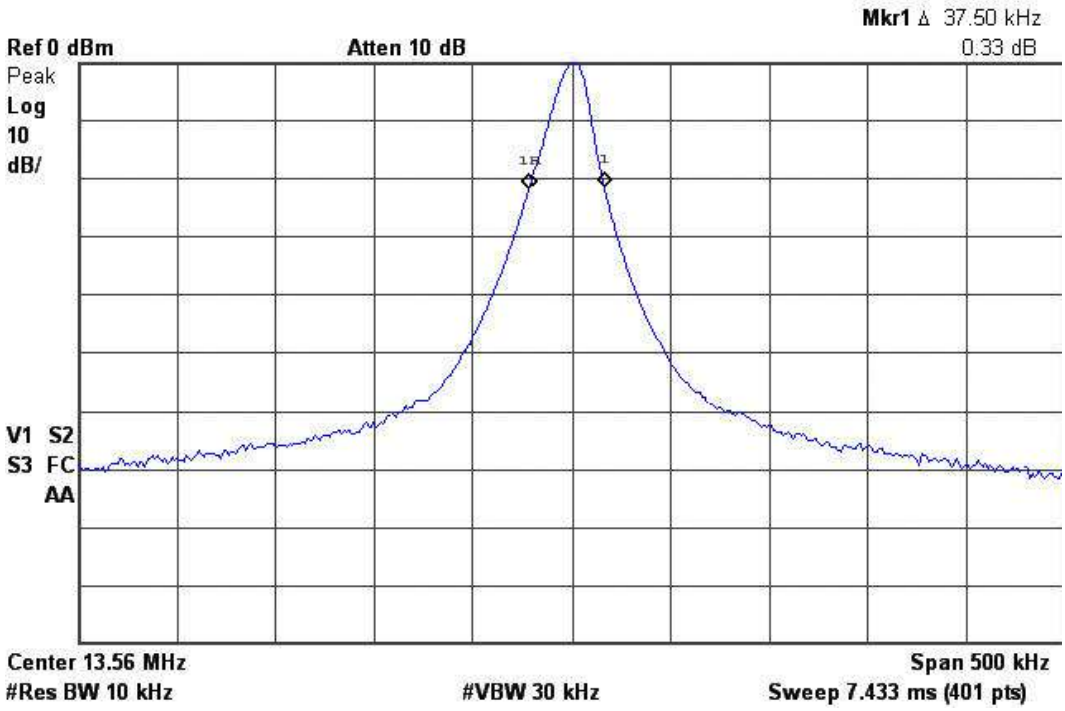
EUT performed within the requirements of the applicable standard [X] Yes [ ] No *Tom Elders*



	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	**Occupied Bandwidth**	
DNB Job Number:	68044	Date: 12 Oct 2005	**Conformance Standard** FCC Part 15 **Clause** 15.225 (e) 2.1049 (d)
Customer:	Visionary Products, Inc. Inc		
Model Number:	CL2	Serial Number: Proto	
Description:	Computer Interface Device w/ RFID		
	No Modulation		

Environmental Conditions		
Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	51 %	101.7 kPa

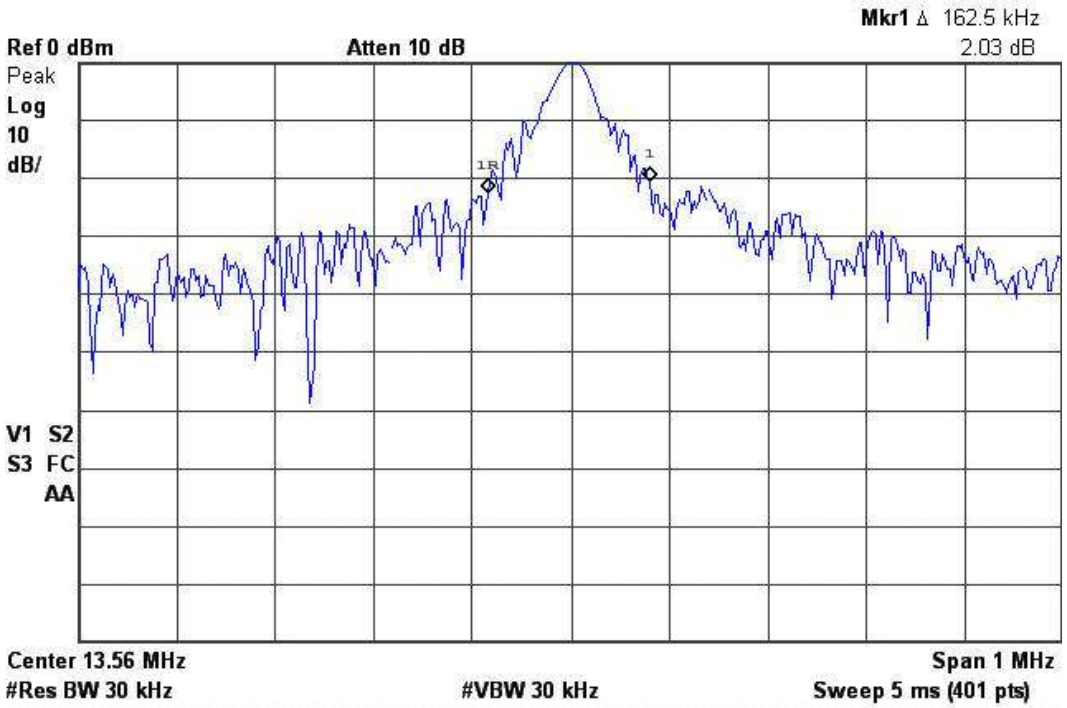
EUT performed within the requirements of the applicable standard [X] Yes [ ] No *Tom Elders*



	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	**Occupied Bandwidth**	
DNB Job Number:	68044	Date: 12 Oct 2005	**Conformance Standard** FCC Part 15 **Clause** 15.225 (e) 2.1049 (d)
Customer:	Visionary Products, Inc. Inc		
Model Number:	CL2	Serial Number: Proto	
Description:	Computer Interface Device w/ RFID		
	Modulation On		

Environmental Conditions		
Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	51 %	101.7 kPa

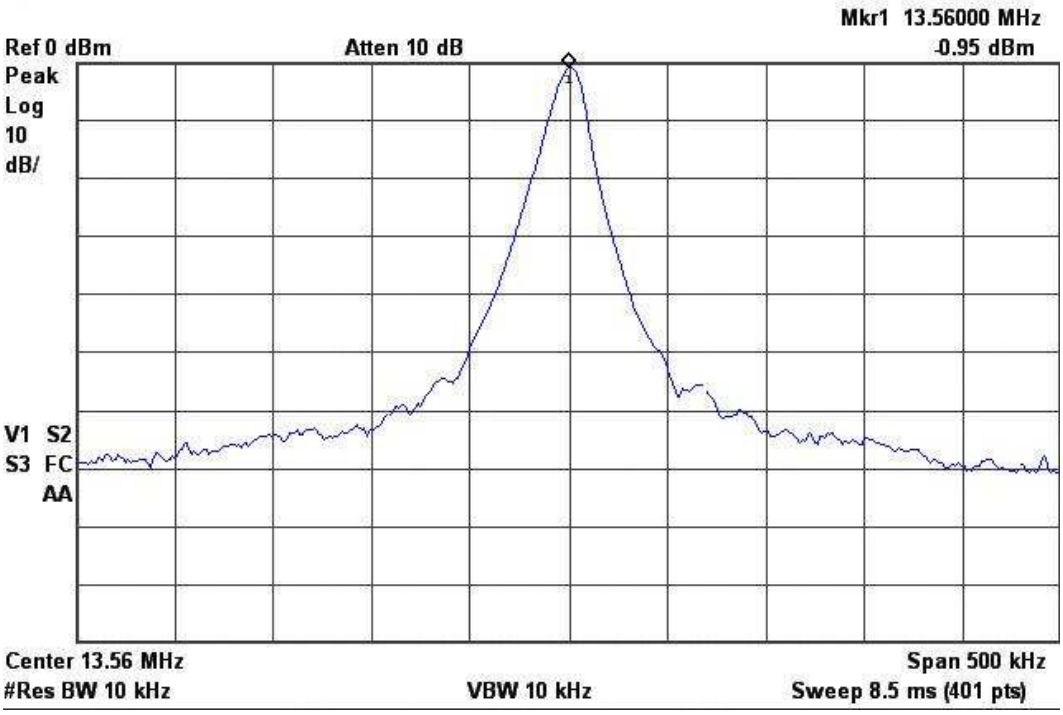
EUT performed within the requirements of the applicable standard [X] Yes [ ] No *Tom Elders*



	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	**Frequency Tolerance**	
DNB Job Number:	68044	Date: 10 Nov 2005	**Conformance Standard** FCC Part 15
Customer:	Visionary Products, Inc. Inc		
Model Number:	CL2	Serial Number: Proto	
Description:	Computer Interface Device w/ RFID		**Clause** 15.225 (e)
	20 degrees C @ 5 volts dc (nominal)		

Environmental Conditions		
Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	51 %	101.7 kPa

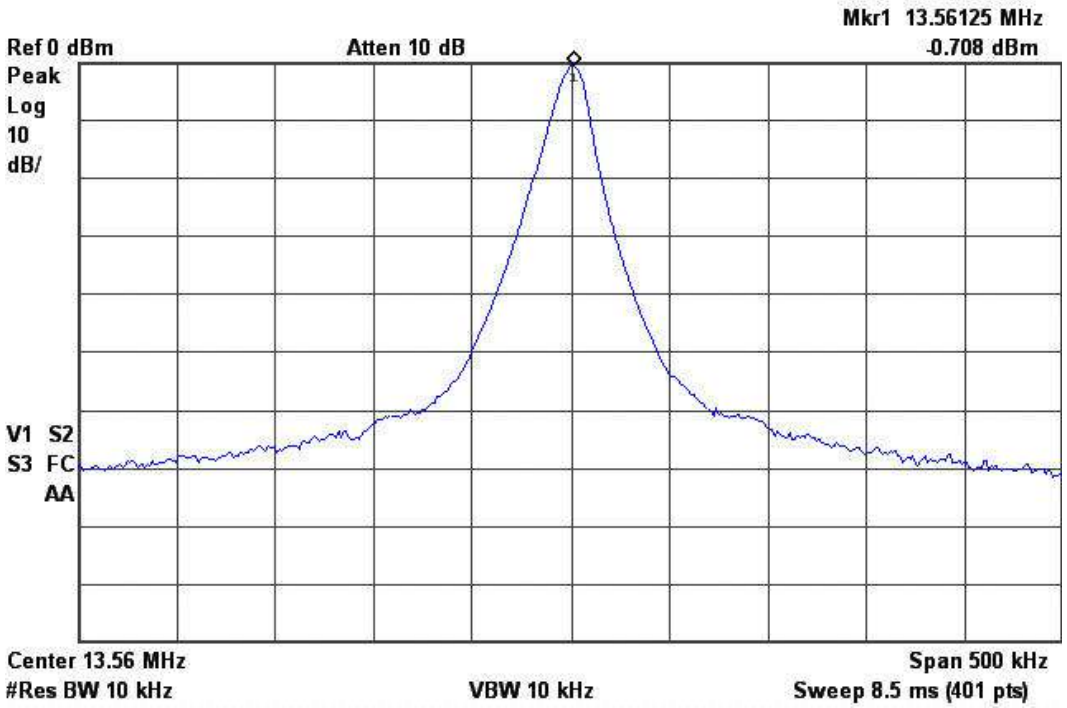
EUT performed within the requirements of the applicable standard [X] Yes [ ] No *Tom Elders*



	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	**Frequency Tolerance**	
DNB Job Number:	68044	Date: 10 Nov 2005	**Conformance Standard** FCC Part 15
Customer:	Visionary Products, Inc. Inc		
Model Number:	CL2	Serial Number: Proto	
Description:	Computer Interface Device w/ RFID		**Clause** 15.225 (e)
	- 20 degrees C @ 5 volts dc		

Environmental Conditions		
Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	51 %	101.7 kPa

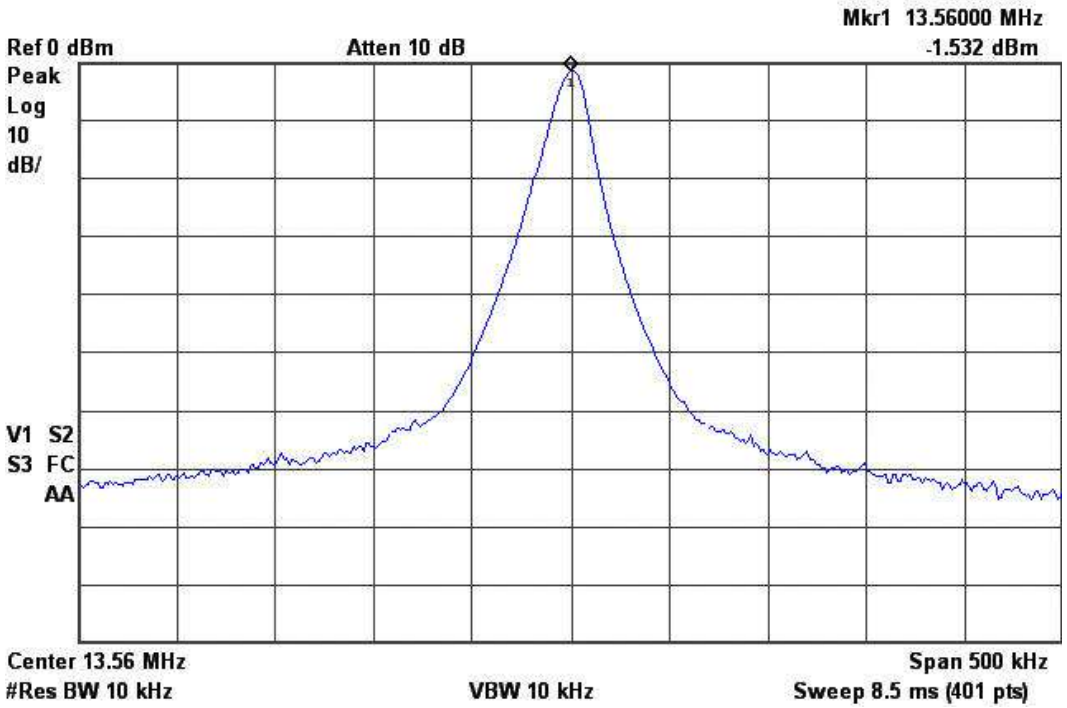
EUT performed within the requirements of the applicable standard [X] Yes [ ] No *Tom Elders*



	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	**Frequency Tolerance**	
DNB Job Number:	68044	Date: 10 Nov 2005	**Conformance Standard** FCC Part 15
Customer:	Visionary Products, Inc. Inc		
Model Number:	CL2	Serial Number: Proto	
Description:	Computer Interface Device w/ RFID		**Clause** 15.225 (e)
	+55 degrees C @ 5 volts dc		

Environmental Conditions		
Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	51 %	101.7 kPa

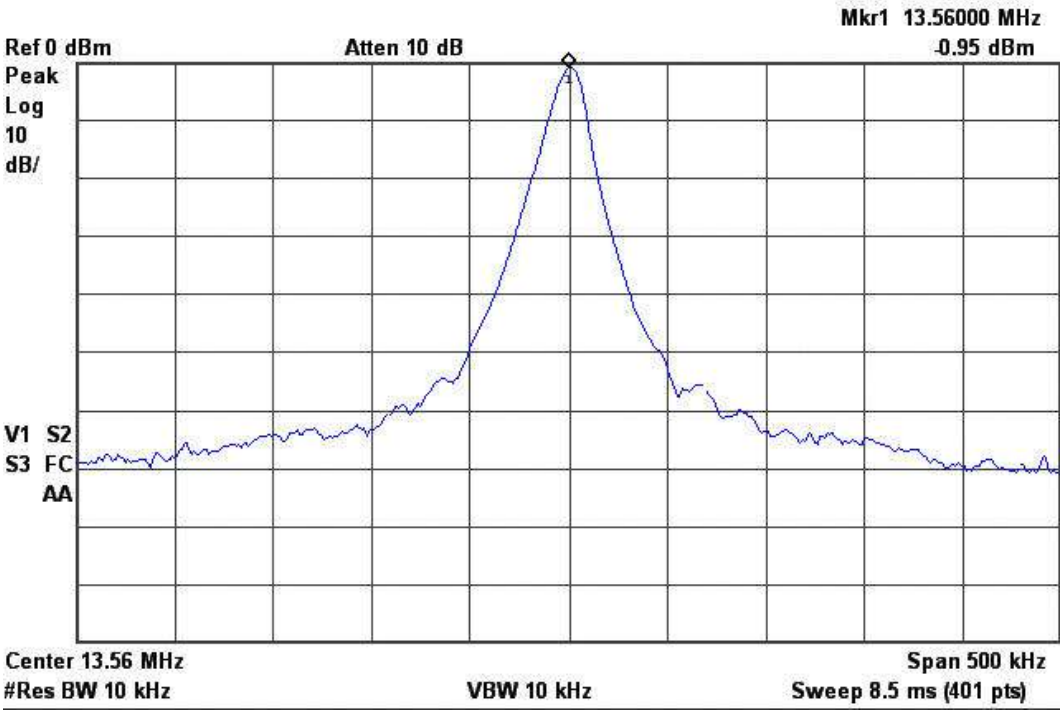
EUT performed within the requirements of the applicable standard [X] Yes [ ] No *Tom Elders*



	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	**Frequency Tolerance**	
DNB Job Number:	68044	Date: 10 Nov 2005	**Conformance Standard** FCC Part 15
Customer:	Visionary Products, Inc. Inc		
Model Number:	CL2	Serial Number: Proto	
Description:	Computer Interface Device w/ RFID		**Clause** 15.225 (e)
	20 degrees C @ 4.25 volts dc		

Environmental Conditions		
Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	51 %	101.7 kPa

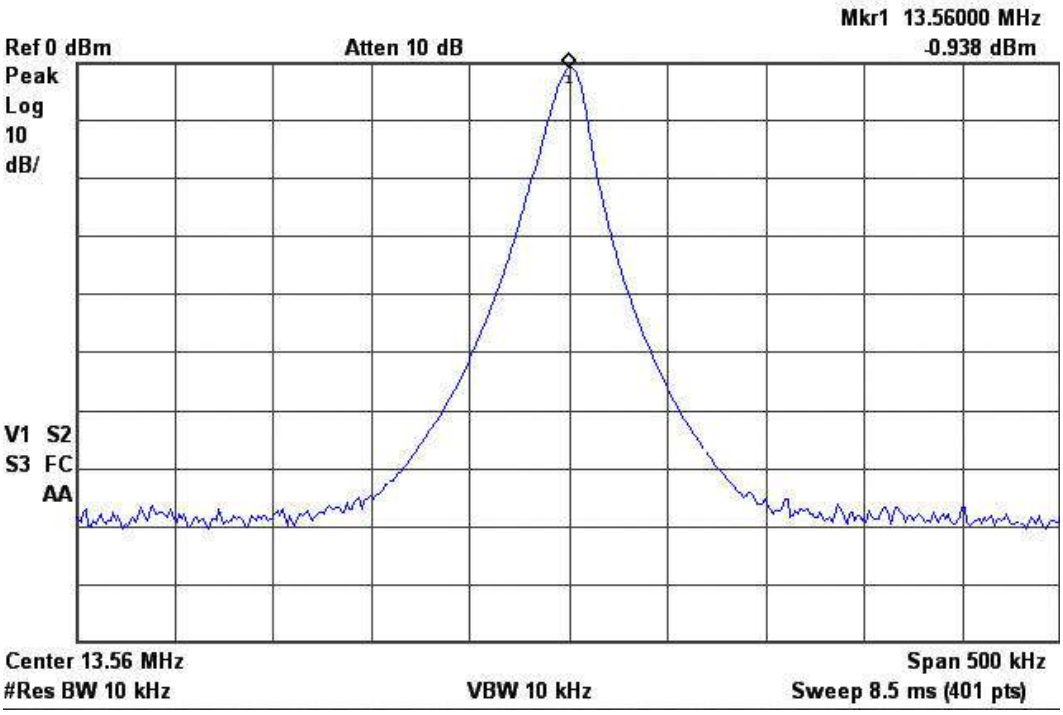
EUT performed within the requirements of the applicable standard [X] Yes [ ] No *Tom Elders*



	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	**Frequency Tolerance**	
DNB Job Number:	68044	Date: 10 Nov 2005	**Conformance Standard** FCC Part 15
Customer:	Visionary Products, Inc. Inc		
Model Number:	CL2	Serial Number: Proto	
Description:	Computer Interface Device w/ RFID		**Clause** 15.225 (e)
	20 degrees C @ 5.75 volts dc		

Environmental Conditions		
Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	51 %	101.7 kPa

EUT performed within the requirements of the applicable standard [X] Yes [ ] No *Tom Elders*



2.1033 (b) (7) Equipment Photographs

Photo 1	External	CL2 - Top
Photo 2	External	CL2 - Bottom
Photo 3	Internal	CL2 - Internal Combined
Photo 4	Internal	CL2 - Internal Bottom
Photo 5	Internal	CL2 - Internal Top (shows placement of RFID card)
Photo 6	Internal	CL2 - RFID Module Front
Photo 7	Internal	CL2 - RFID Module Back

Photo 1 External CL2 - Top

Photo 2 External CL2 - Bottom

Photo 3 Internal CL2 - Internal Combined

Photo 4 Internal CL2 - Internal Bottom

Photo 5 Internal CL2 - Internal Top (shows placement of RFID card)

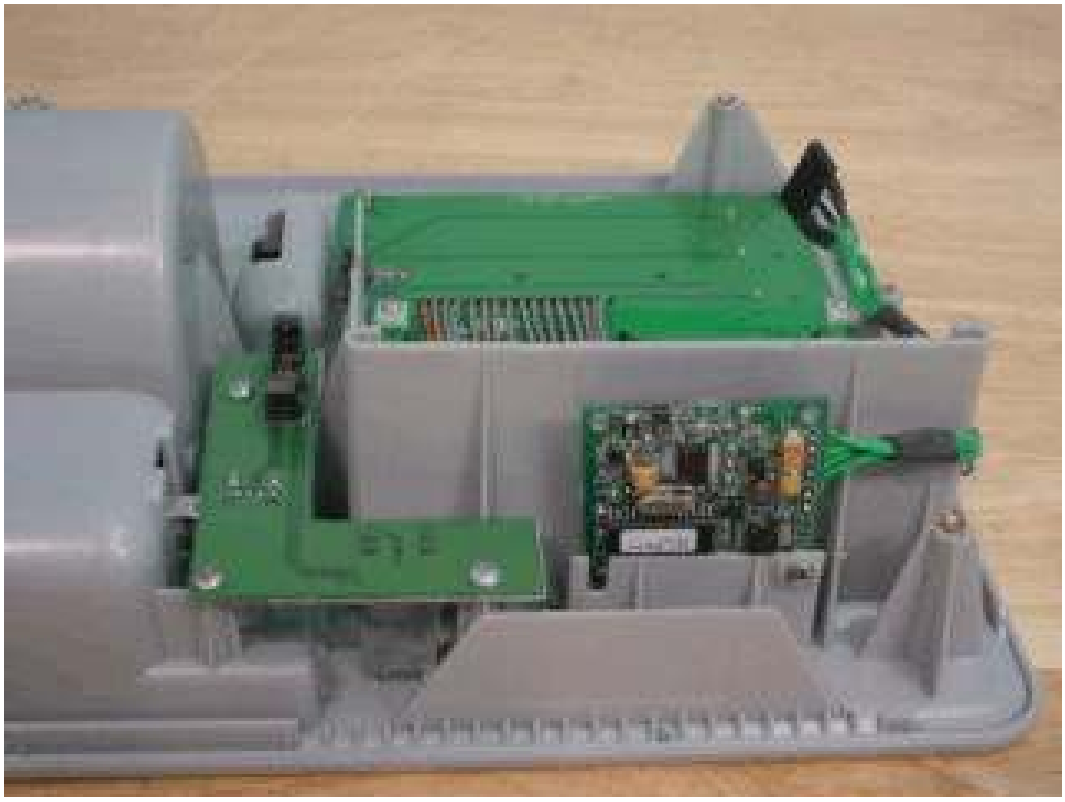


Photo 6 Internal CL2 - RFID Module Front

Photo 7 Internal CL2 - RFID Module Back

End of Report