

FCC ID PER PART 15.231
BLOCK DIAGRAM AND SCHEMATICS
FOR
Global Assistive Devices, Inc.

4950 North Dixie Highway Suite 121
Fort Lauderdale, FL 33334-3947

FCC ID: O9QDBT300

January 2, 2001

This Report Concerns: <input checked="" type="checkbox"/> Original Report	Equipment Type: Door Beacon
Test Engineer: Victor Liu	
Test Date: January 2, 2001	
Reviewed By: John Y. Chan – Engineering Manager	
Prepared By: Bay Area Compliance Laboratory Corporation 230 Commercial Street, Suite 2 Sunnyvale, CA 94086 Tel: (408) 732-9162 Fax: (408) 732 9164	

Note: This report may not be duplicated without prior written consent of Bay Area Compliance Laboratory Corporation. This report **must not** be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government.

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1 - GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

The Global Assistive Devices, Inc., model O9QDBT300 or the "EUT" as referred to in this report is a door beacon which measures 3 1/8" L x 2 1/4 " W x 3 1/4 " H.

1.2 Objective

This certification report is prepared on behalf of Global Assistive Devices, Inc. in accordance with Part 2, Subpart J, and Part 15, Subparts A, B, and C of the Federal Communication Commissions rules.

The objective of the manufacturer is to demonstrate compliance with FCC rules, Part 15, Sec 205, 209, and 231 for conducted and radiated margin.

1.3 Related Submittal(s)/Grant(s)

No Related Submittals

1.4 Test Methodology

All measurements contained in this report were conducted with ANSI C63.4 –1992, American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9 kHz to 40 GHz. All radiated and conducted emissions measurement was performed at Bay Area Compliance Laboratory, Corp. The radiated testing was performed at an antenna-to-EUT distance of 3 meters.

1.5 Test Facility

The Open Area Test site used by Bay Area Compliance Laboratory Corporation to collect radiated and conducted emission measurement data is located in the back parking lot of the building at 230 Commercial Street, Suite 2, Sunnyvale, California, USA.

Test site at Bay Area Compliance Laboratory Corporation has been fully described in reports submitted to the Federal Communication Commission (FCC) and Voluntary Control Council for Interference (VCCI). The details of these reports has been found to be in compliance with the requirements of Section 2.948 of the FCC Rules on February 11 and December 10, 1997 and Article 8 of the VCCI regulations on December 25, 1997. The facility also complies with the radiated and AC line conducted test site criteria set forth in ANSI C63.4-1992.

The Federal Communications Commission and Voluntary Control Council for Interference has the reports on file and is listed under FCC file 31040/SIT 1300F2 and VCCI Registration No.: C-674 and R-657. The test site has been approved by the FCC and VCCI for public use and is listed in the FCC Public Access Link (PAL) database.

Additionally, Bay Area Compliance Laboratory Corporation is a National Institute of Standards and Technology (NIST) accredited laboratory, under the National Voluntary Laboratory Accredited Program (NVLAP). The scope of the accreditation covers the FCC Method - 47 CFR Part 15 - Digital Devices, IEC/CISPR 22: 1993, and AS/NZS 3548: Electromagnetic Interference - Limits and Methods of Measurement of Information Technology Equipment test methods under NVLAP Lab Code 200167-0.

1.6 Test Equipment List

Manufacturer	Description	Model	Serial Number	Cal. Due Data
HP	Spectrum Analyzer	8568B	2610A02165	12/6/01
HP	Spectrum Analyzer	8593B	2919A00242	12/20/01
HP	Amplifier	8349B	2644A02662	12/20/01
HP	Quasi-Peak Adapter	85650A	917059	12/6/01
HP	Amplifier	8447E	1937A01046	12/6/01
A.H. System	Horn Antenna	SAS0200/571	261	12/27/01
Com-Power	Log Periodic Antenna	AL-100	16005	11/2/01
Com-Power	Biconical Antenna	AB-100	14012	11/2/01
Solar Electronics	LISN	8012-50-R-24-BNC	968447	12/28/01
Com-Power	LISN	LI-200	12208	12/20/01
Com-Power	LISN	LI-200	12005	12/20/01
BACL	Data Entry Software	DES1	0001	12/20/01

1.7 Equipment Under Test (EUT)

Manufacturer	Description	Model	Serial Number	FCC ID
Global Assistive Devices, Inc.	Door Beacon	DBT300	N/A	O9QDBT300

1.8 Power Supply and Line Filters

Manufacturer	Description	Model	Serial Number	FCC ID
SANYO	Battery	9V	N/A	N/A

Appendix A –EUT BLOCK DIAGRAM /SCHEMATICS

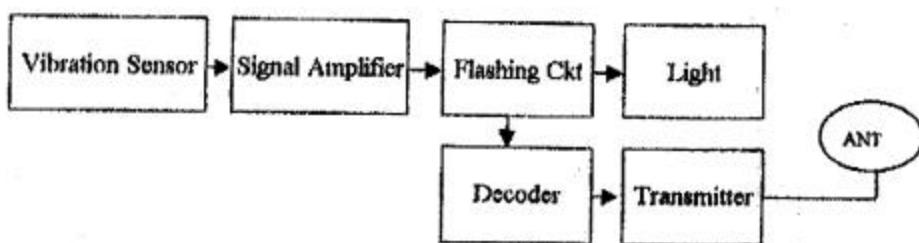
To: BACL-SZ 伯科
FROM : CHINASON

From: Lily Wu 0755 6055620
PHONE NO. : 07556055620

0-12-11 18:32:26 Page 4 of 6
Dec. 11 2000 06:21PM P01

DBT300 原理框图

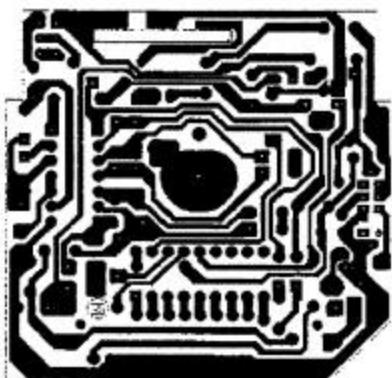
DBT300 Flashing Transmitter POWER : 电压: 9VDC



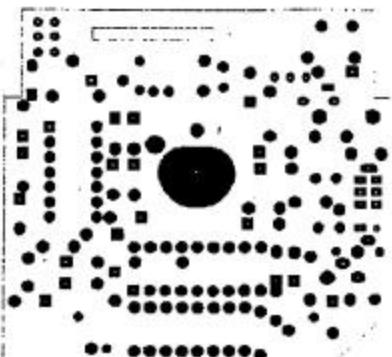
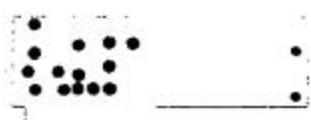
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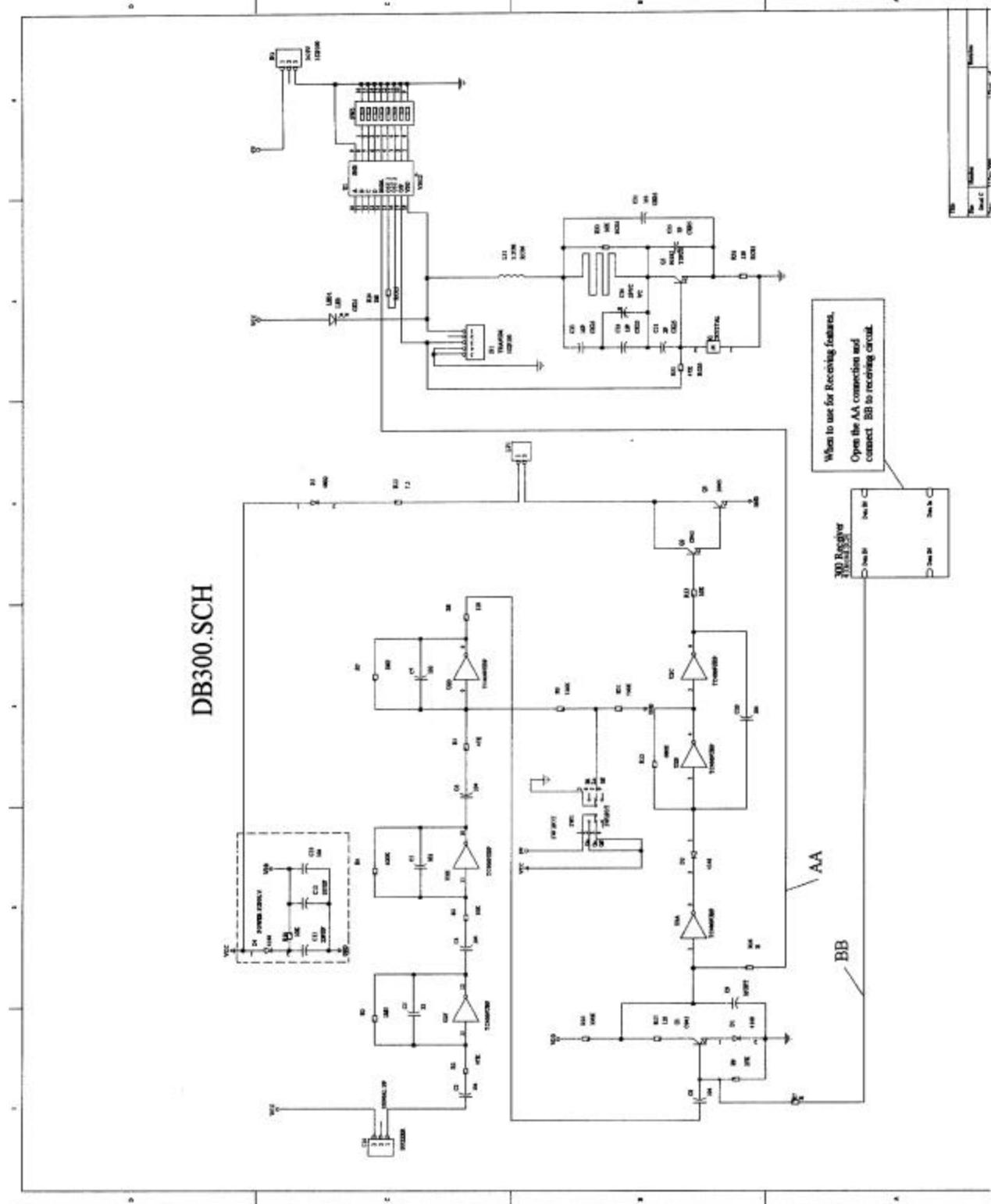
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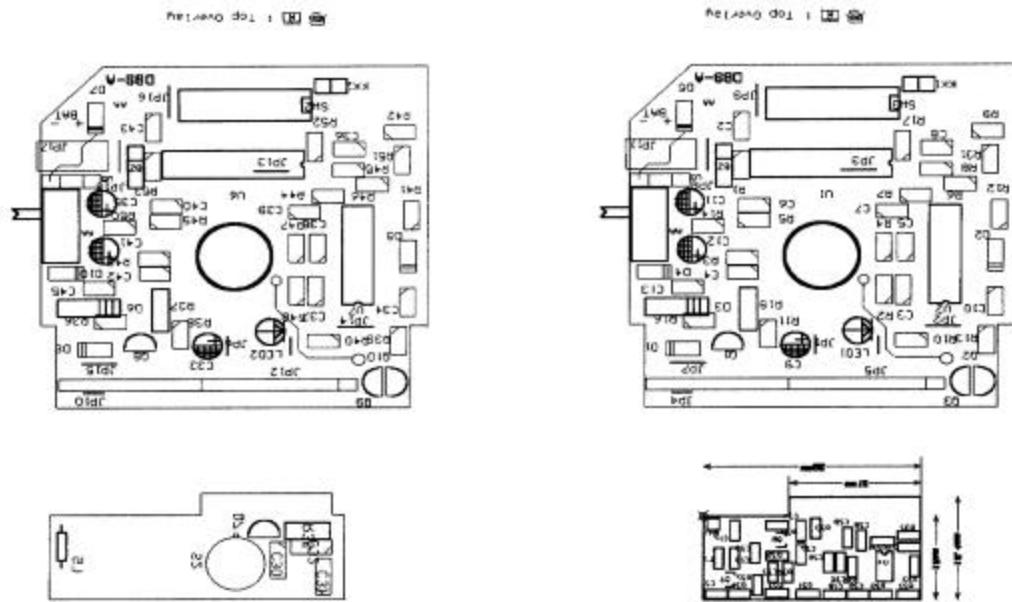
File Name : DBT300.PCB



File Name : DBT300.PCB







Appendix B –AUTHORIZATION LETTER

November 14, 2000.

Federal Communications Commission
7435 Oakland Mills Road
Columbia, Maryland, 21046

Sir/Madam,

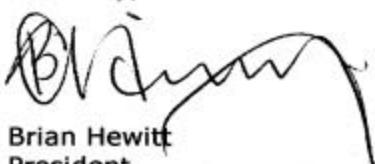
Re: FCC grant for Door Beacon Door Knock Signaler
Transmitter and Receiver

This letter is an authorization to accept Bay Area Compliance Lab. Corporation as an agent for GLOBAL ASSISTIVE DEVICES, INC., 4950 North Dixie Highway, Fort Lauderdale, Florida 33334, to sign applications before the Commission on our behalf, to make representations to you on our behalf, and to receive and exchange data between our company and the commission in connection with certification of the following Chinason product:

Door Beacon Door Knock Signaler Transmitter Model DBT300 and Door Beacon Door Knock Signaler Receiver Model DBR300.

Under FCC docket number 20780 and general docket number 80-284 pursuant to part 15, FCC rules and regulations.

Sincerely,



Brian Hewitt
President



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of Assistive Devices
for Special Needs*

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