

FCC PART 15 CLASS B

EUT Test Setup Photo

FOR

NMB TECHNOLOGIES

9730 Independence Ave.,
Chatsworth, CA 91311

FCC ID: AQ6-RT2900

August 30, 2000

This Report Concerns: ☒ Original Report	Equipment Type: Keyboard - Peripheral, ITE
Test Engineer: Brian Tan	
Test Date: April 28, 2000	
Reviewed By: John Y. Chan - Director, Compliance Engineering	
Prepared By: Bay Area Compliance Laboratory Corporation 230 Commercial Street, Suite 2 Sunnyvale, CA 94086 (408) 732-9162	

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 *NMB Technologies*, Model *RT2900* or the "EUT" as referred to in this report is a standard Keyboard which could bring users closer and keeps users in touch with desktop world. The EUT measures 17.9 "Lx 6.12"Wx 1.25"H.

- The EUT was connected to a Mid -Tower host system which provides for one (1) 3.5" floppy drive, one (1) IDE hard drive, one (1) CD-ROM drive, one (1) IBM motherboard, and one (1) modem card.

1.2 Objective

This Class B report is prepared on behalf of *NMB Technologies* in accordance with Part 2, Subpart J, and Part 15, Subparts A and B of the Federal Communication Commissions rules and to ICES-003 of the Canadian Interference-Causing Equipment Regulations.

The objective of the manufacturer is to demonstrate compliance with FCC Part 15 Class B limits for conducted and radiated margin and to ICES-003 requirements for Information Technology Equipment.

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 10 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 sites 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 sites 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

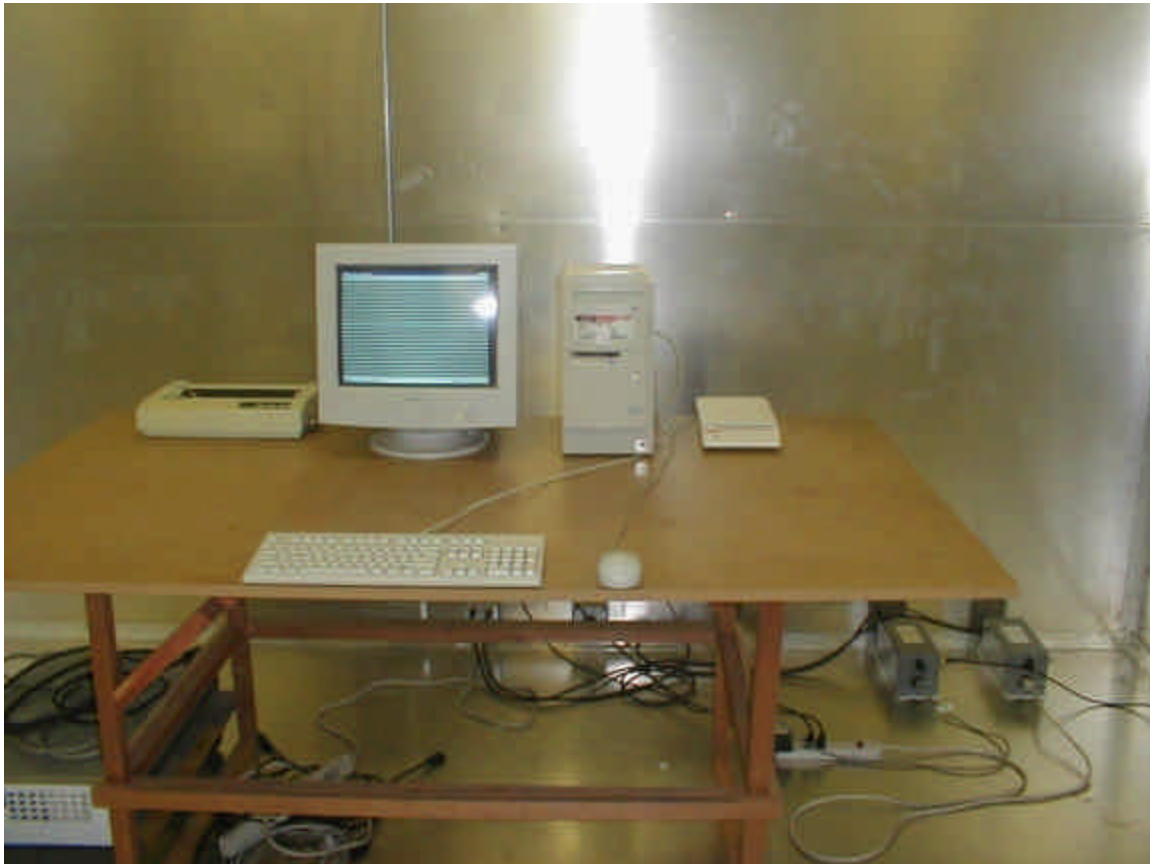
Manufacturer	Description	Model	Serial Number	Cal. Due Data
HP	Spectrum Analyzer	8568B	2610A02165	12/6/00
HP	Spectrum Analyzer	8593B	2919A00242	12/20/00
HP	Amplifier	8349B	2644A02662	12/20/00
HP	Quasi-Peak Adapter	85650A	917059	12/6/00
HP	Amplifier	8447E	1937A01046	12/6/00
A.H. System	Horn Antenna	SAS0200/571	261	12/27/00
Com-Power	Log Periodic Antenna	AL-100	16005	11/2/00
Com-Power	Biconical Antenna	AB-100	14012	11/2/00
Solar Electronics	LISN	8012-50-R-24-BNC	968447	12/28/00
Com-Power	LISN	LI-200	12208	12/20/00
Com-Power	LISN	LI-200	12005	12/20/00
BACL	Data Entry Software	DES1	0001	12/20/00

1.7 Equipment Under Test (EUT)

Manufacturer	Description	Model	Serial Number	FCC ID
NMB	Keyboard	RT2900	41100077/41100081	AQ6-RT2900

2 - Conducted and Radiated Setup Photographs

2.1 Conducted Emission Photograph – Front View



2.2 Conducted Emission Photograph –Rear View



2.3 Radiated Emission Photograph – Front View



2.4 Radiated Emission Photograph – Rear View



Appendix A – AGENT AUTHORIZATION LETTER



NMB Technologies, Inc. 9730 Independence Avenue, Chatsworth, California 91311 USA

August 9, 2000

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

Sir/Madam,

Reg: FCC grand for AQ6-RT2900

This letter is an authorization to accept Bay Area Compliance Lab. Corporation as an agent for NMB Technologies Inc., at 9730 Independence Avenue, Chasworth CA. 91311 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 NMB Technologies Inc., product:

NMB Computer Keyboard (Model: RT2900)

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

Sincerely,

A handwritten signature in black ink, appearing to read "John Guo".

John Guo
Manager, Electronic Engineering