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TEST REPORT

No.: HM102458

APPLICANT: (CODE:NEB001)

NEW BRIGHT INDUSTRIAL CO., LTD.
NEW BRIGHT BUILDING, 11 SHEUNG YUET ROAD, KOWLOON BAY, KOWLOON, HONG KONG

DATE OF SAMPLES RECEIVED: 2000-04-11

DATE OF TESTING: 2000-04-29

DESCRIPTION OF SAMPLE(S):

A sample of product said to be:

Product:	RADIO CONTROL TOY VEHICLE TRANSMITTERS AND RECEIVERS
Manufacturer:	NEW BRIGHT INDUSTRIAL CO., LTD.
Model Number:	RX-6366A
Brand Name:	NEW BRIGHT
Rating:	9V d.c. ("6F22" size battery x 1)
Origin:	CHINA

INVESTIGATIONS REQUESTED:

Measurement to the relevant clauses of F.C.C. Rules and Regulations Part 15 Subpart B - Unintentional Radiator.

RESULT/ REMARK: Please see attached sheet(s).

CONCLUSION:

From the measurement data obtained, the tested sample was considered to have COMPLIED after modification by customer with the clause 15.109(a) & ANSI C63.4:1992 section 12.1.1.1-2 of Federal Communications Commission Rules and Regulations Part 15.

TEST EQUIPMENT AUDIT: Please see Appendix A

Law Man Kit	Kitty Choy	Patrick Wong
Test Engineer	Verify by	Patrick Wong Director for Managing

TEST REPORT

TEST SUMMARY

UNINTENTIONAL RADIATOR

(A) Measurement of Radiated Emissions.....Satisfactory

(B) Line Conducted Voltage Test.....Not applicable

TEST DATA

Please refer to the attached result sheets.

TEST REPORT

No.: HM102458

UNINTENTIONAL RADIATOR

** RECEIVER SECTION **

(A) Measurement of Radiated Interference

TEST REFERENCE: FCC Rules Part 15 Subpart B section 15.109(a)
TEST CONDITION : Normal
TEST DATE : 2000-04-29

Freq. to which tuned	Freq. of the emission	Polarization		Meter reading (at 3m)		Antenna factor		Field Strength (at 3m)			FCC Limit @
MHz	MHz	H-V				dB		dB(mV)		mV/m	mV/m
49.860	49.9	V		17.6	+	15.0		32.6		42.7	100
	99.7	V		15.2	+	12.2		27.4		23.4	150
	149.6		<	1.0	+	9.8	<	10.8	<	3.5	150
	199.4		<	1.0	+	11.5	<	12.5	<	4.2	150
	249.3		<	1.0	+	15.9	<	16.9	<	7.0	200
	299.2		<	1.0	+	17.0	<	18.0	<	7.9	200
	349.0		<	1.0	+	17.2	<	18.2	<	8.1	200
	398.9		<	1.0	+	18.8	<	19.8	<	9.8	200
	448.7		<	1.0	+	19.7	<	20.7	<	10.8	200
	498.6		<	1.0	+	20.6	<	21.6	<	12.0	200
	548.5		<	1.0	+	22.2	<	23.2	<	14.5	200
	598.3		<	1.0	+	23.4	<	24.4	<	16.6	200
	648.2		<	1.0	+	23.5	<	24.5	<	16.8	200
	698.0		<	1.0	+	25.0	<	26.0	<	20.0	200
	747.9		<	1.0	+	26.3	<	27.3	<	23.2	200
	797.8		<	1.0	+	27.2	<	28.2	<	25.7	200
	847.6		<	1.0	+	26.6	<	27.6	<	24.0	200
	897.5		<	1.0	+	27.1	<	28.1	<	25.4	200
	947.3		<	1.0	+	28.0	<	29.0	<	28.2	200
	997.2		<	1.0	+	28.5	<	29.5	<	29.9	500

==========SUMMARY==========

All data is within limits

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Broad-band Antennas were used and both polarizations of emissions were measured

Polarizations at highest reading indicated as:

H -- Horizontal V -- Vertical

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NOTES FOR THE RADIATION MEASUREMENT

(1) Test site facility:
Open field test site located at Taipo (Hong Kong) with a metal ground plane on filed with the FCC pursuant to section 2.948 of the FCC Rules.

(2) Distance between the EUT and measuring antenna:
3 meters.

(3) Measuring instrumentation's:
CISPR Quasi-peak type field strength meter (25 MHz - 1000 MHz.). 6 dB bandwidth set at 120 KHz. Also, peak level of the fundamental emissions was measured in order to determine compliance with the 20dB peak to average limit specified in Section 15.35(b) of the FCC new Rules.

(4) Measuring antenna:
Broad band antenna for the frequency range 25-1000 MHz, connected with 10 meters coaxial cable. Cable loss of the coaxial cable included in the Antenna Factor for measurement data. The antenna are capable of measuring both horizontal and vertical polarizations.

(5) Frequency range scanned:
The frequency range from 25 MHz to 1000 MHz had been searched. Readings of the highest emissions relating to the limit were reported as above.

(6) Arrangement of EUT:
During the test, the sample was operated at rated supply voltage and arranged for maximum emissions.

(7) Measuring Procedure:
In accordance with the relevant clauses of the FCC Rules Part 15 section 15.109(a) and ANSI C63.4:1992 section 12.1.1.1-2. For superregenerative receivers, an independent signal generator had been used to radiated an unmodulated were (cw) signal to the receiver at its operating frequency in order to "cohere" or resolve the individual components of the characteristic broadband emission from such a receiver. The level of such signal may need to be adjusted in order to accomplish this.

(8) Measuring Uncertainty:
The calculated uncertainty for measurement performed at 3M test distance are:- 30MHz to 300MHz = ± 3.7dB, 300MHz to 1000MHz = + 3.0dB/-2.7dB.

Remark: Purpose of this test is to provide the Applicant with the necessary test data of their device for the submission to FCC with application for Equipment Authorization under FCC's Equipment Authorization Program. This test itself is not an Approval Test.

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TEST REPORT

TEST EQUIPMENT AUDIT

Radiated Emission

EQP NO.	DESCRIPTION	MANUFACTURER	MODEL NO.	SERIAL NO.	LAST CAL.
EM007	SPECTRUM ANALYZER	HEWLETT PACKARD	HP85660B	3144A21192	11/06/99
EM008	SPECTRUM ANALYZER DISPLAY	HEWLETT PACKARD	HP85662A	3144A20514	11/06/99
EM009	QUASI PEAK ADAPTOR	HEWLETT PACKARD	HP85650A	3303A01702	11/06/99
EM010	RF PRESELECTOR	HEWLETT PACKARD	HP85685A	3221A01410	11/06/99
EM011	ATTENNUATOR/SWITCH	HEWLETT PACKARD	HP11713A	2508A10595	11/06/99
EM012	PRE-AMPLIFIER	HEWLETT PACKARD	HP8449B	3008A00262	11/06/99
EM013	CONTROLLER (COMPUTER), COLOR MONITOR, KEYBOARD & MOUSE FLOPPY DRIVE	HEWLETT PACKARD HEWLETT PACKARD HEWLETT PACKARD	HP9000 HP A1097C HP9133L	6226A60314 3151J39517 2623A02468	CM
EM017	ANTENNA	ARA INC.	LPB-2513/A	1069	17/02/00
EM020	HORN ANTENNA	EMCO	3115	4032	30/06/97
EM072	SIGNAL GENERATOR	HEWLETT PACKARD	8640B	1948A11892	30/03/98
EM083	HKSTC OPEN AREA TEST SITE	HKSTC	N/A	N/A	15/01/00
EM145	EMI TEST RECEIVER	R & S	ESCS 30	830245/021	10/05/99

Remarks:-

CM Corrective Maintenance
N/A Not Applicable or Not Available
TBD To Be Determined