



EMC VERIFICATION SUMMARY

Report No.: SZHH01091832-001S1

Toy

ITE

Others

Model: BL-10070 Additional Models: BL-10071, BL-10030, BL-10031, BL-10090, BL-10091, BL-10120, BL-10121, BL-11310, BL-11311, BL-11312, BL-11320, BL-11321, BL-11322, BL-11350, BL-11351, BL-11352, BL-11380, BL-11381, BL-11382, BL-16489, BL-15100, BL-05500, BL-05522, BL-05501, BL-05506, BL-05510, BL-37000, BL-37001, BL-05545, BL-24110, BL-24162, BL10500, BL10502, BL-10600, BL-10602, BL-25500, BL-25501, BL-25522		Applicant: DONGGUAN LIYANG TOYS LTD Floor 3, Building 2, Daxingwei Industry Xianxi, Wusha, Changan Town, Dongguan City, Guangdong Province	
Product Description: B-YOURS		Sample Receipt Date: 25 January 2017	
<input type="checkbox"/> 1st TEST <input checked="" type="checkbox"/> 2nd TEST		Test Conducted Date: 25 January 2017 to 13 February 2017	
Test Site and Location:		ALL TESTS WERE CONDUCTED IN ACCORDANCE WITH: *EN 55014-1: 2006 + A1: 2009 + A2: 2011 *EN 55014-2: 1997 + A1: 2001 + A2: 2008	
Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room102/104, No 203, KeZhu Road, Science City, GETDD Guangzhou, China			
Test Result	OK	Not OK	Remark (See Page 2)
*EN 55014-1: 2006 + A1: 2009 + A2: 2011	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
*EN 55014-2: 1997 + A1: 2001 + A2: 2008	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
When determining the test conclusion, the Measurement Uncertainty of test has been considered.			

Remark: This report bases on the previous report with report No. SZHH01091832-001 dated 13 February 2017. Only add model No., don't test after engineer evaluate.

Prepared and Checked By:

Approved By:

Sign On File
Tom Li
Engineer
Intertek

Jimmy Wen
Assistant Supervisor
Intertek
Date: 24 March 2017

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EMC Results Conclusion (with Justification)

RE: EMC Testing Pursuant to EMC Directive 2014/30/EU Performed On the B-YOURS,
Model: BL-10070.

We tested the B-YOURS, Model: BL-10070. to determine if it was in compliance with the relevant EN standards as marked on the EMC Verification Summary. We found that the unit met the requirement of EN 55014-1, EN55014-2 standards when tested after modified.

The Models: BL-10071, BL-10030, BL-10031, BL-10090, BL-10091, BL-10120, BL-10121, BL-11310, BL-11311, BL-11312, BL-11320, BL-11321, BL-11322, BL-11350, BL-11351, BL-11352, BL-11380, BL-11381, BL-11382, BL-16489, BL-15100, BL-05500, BL-05522, BL-05501, BL-05506, BL-05510, BL-37000, BL-37001, BL-05545, BL-24110, BL-24162, BL10500, BL10502, BL-10600, BL-10602, BL-25500, BL-25501, BL-25522 are the same as the Model: BL-10070 in hardware aspect. The difference in model number serves as marketing strategy.

The production units are required to conform to the initial sample as received when the units are placed on the market.

Remark: Standards against which no testing has been conducted of the captioned model and the engineering judgement is stated as follows:

EN 55014-2: 1997 + A1: 2001 + A2: 2008

This product not contains electronic control circuitry. It is classified to Category I of the standard and therefore deemed to fulfil the relevant immunity requirements without testing.

LABORATORY MEASUREMENTS

Configuration Information

Equipment Under Test (EUT):	B-YOURS
Model:	BL-10070
Serial No.:	Not Labelled
Support Equipment:	N/A
Cables & Others:	N/A
Adapter:	N/A
Rating Voltage:	DC 3.0V (2 x 1.5V AA batteries)

Applicant: DONGGUAN LIYANG TOYS LTD
Model: BL-10070
Worst Case Operating Mode: Motor

EN 55014-1 Radiated Scan

Used Test Equipment

Equipment No.	Equipment	Manufacturer	Model No.	Cal. Date	Due Date
SZ185-01	EMI Receiver	R & S	ESCI	20-Jan-17	20-Jan-18
SZ061-12	Biconilog Antenna	ETS	3142E	09-Sep-16	09-Sep-17
SZ188-01	Anechoic Chamber	ETS	RFD-F/A-100	16-Apr-16	16-Apr-18

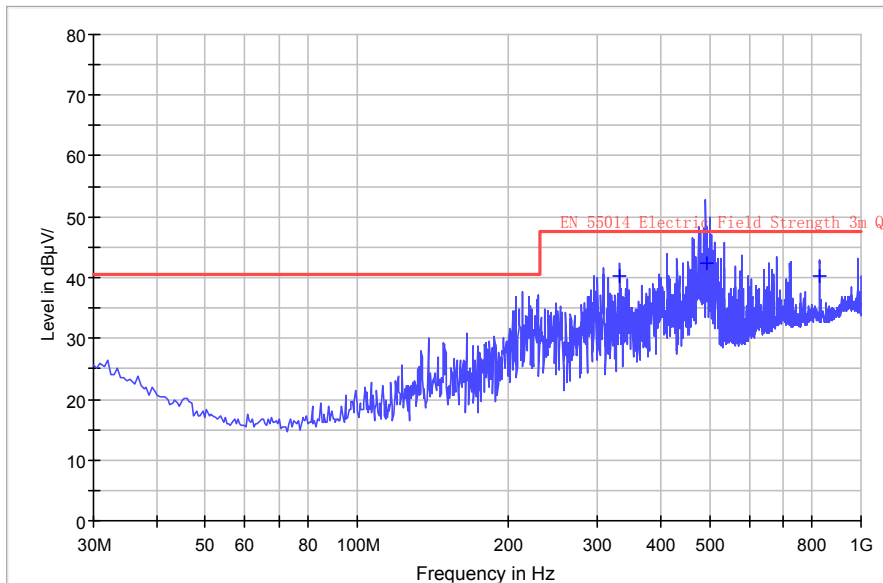
- Notes:
1. Peak detector quick scan is showed on the graph and final quasi-peak detector data is measured corresponding to relevant limit and recorded in the data table.
 2. Negative sign (-) in the margin column signify levels below the limit.
 3. Frequency range scanned: 30MHz to 1000MHz.
 4. Only emissions significantly above equipment noise floor are reported.
 5. Uncertainty: $\pm 4.8\text{dB}$ at a level of confidence of 95%.

Applicant: DONGGUAN LIYANG TOYS LTD
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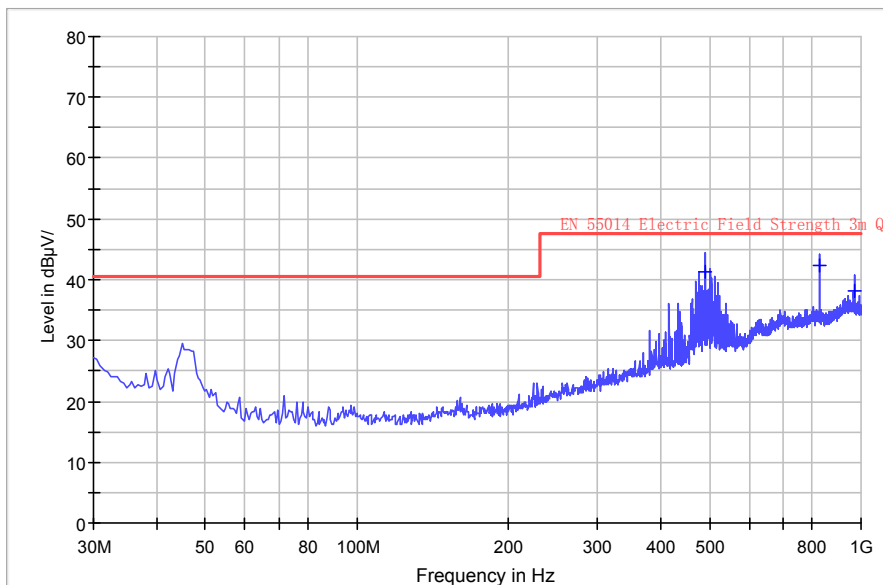
Graphic

Radiated Emissions Pursuant to EN55014-1: Emissions Requirement

Horizontal



Vertical



Applicant: DONGGUAN LIYANG TOYS LTD
Model: BL-10070
Worst Case Operating Mode: Motor

Data Table

Radiated Emissions Pursuant to EN55014-1: Emissions Requirement

Polarization	Frequency (MHz)	Net at 3m (dB μ V/m)	Calculated Net at 10m (dB μ V/m)	Limit at 10m (dB μ V/m)	Margin (dB)
H	332.640	40.4	29.9	37.0	-7.1
H	492.720	42.3	31.8	37.0	-5.2
H	827.820	40.3	29.8	37.0	-7.2
V	491.220	41.1	30.6	37.0	-6.4
V	827.820	42.3	31.8	37.0	-5.2
V	969.420	38.3	27.8	37.0	-9.2

No emissions significantly above equipment noise floor.

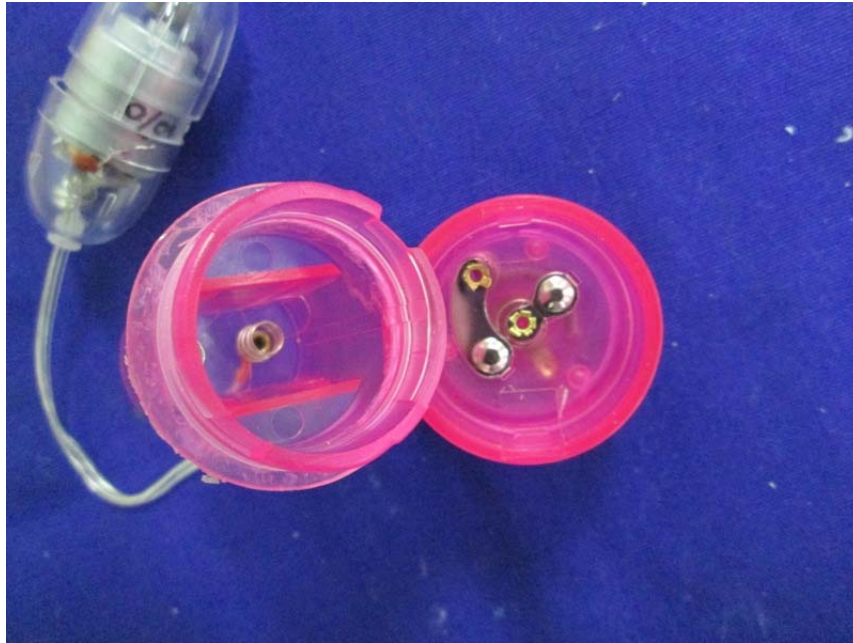
Applicant: DONGGUAN LIYANG TOYS LTD
Model: BL-10070

External Photo



Applicant: DONGGUAN LIYANG TOYS LTD
Model: BL-10070

Internal Photo



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