

Page 1 of 48

EMC Test Report

Client Name	: Shenzhen Bolong Technology Co., Ltd.
	Room 415, 4th Floor, Building A, Youth
Client Address	Pioneer Park , Jianshe East Road, Tsinghua Community, Longhua Street, Longhua
	District, Shenzhen City, China
	Anbor tek anborek Anbore Anborek Anborek

Product Name : Galaxy Projector

2

Report Date

Jan. 16, 2023



Shenzhen Anbotek Compliance Laboratory Limited

Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com





Page 2 of 48

Contents

	1. General Information 1.1. Client Information	potek	Anbo.		
	1.1. Client Information				5
	1.2. Description of Device (EUT)	Ann	^{oto} dy,	Anbu	5
	1.3. Auxiliary Equipment Used During Test	AUL		dek nb	
	1.4. Description of Test Mode	Anbore	. Nor		
	1.5. Test Summary	da,	oten	nbo	6
	1.5. Test Summary 1.6. Test Equipment List	·····	otek	Anbore	7
	1.7. Description of Test Facility	I		boter.	10
	1.8. EMS Performance Criteria	aboter	And	otek	
	2. Power Line Conducted Emission Test	totek.	Anbore		
	2.1. Test Standard and Limit	h		No. Ann	
	2.2. Test Setup	Anbo		notek M	
	2.3. Test Procedure 2.4. Test Results	K Anbr	50° - P		
	2.4. Test Results		npoten	Anbo	
	3 Magnetic field induced current				15
	3.1. Test Standard and Limit	mbol	All	unboten	
	3.1. Test Standard and Limit 3.2. Test Setup	anboten	Anbo		
	3.3. Test Procedure 3.4. Test Results	botek	Anbo	e. Bo.	
	3.4. Test Results	b	10 ¹⁴	poten An	16
	4 Magnetic field strength				20
	4.1. Test Standard and Limit				Supporter 20
	4 Z TEST SETUD				
	4.3. Test Procedure	ar	boten	Anbe	21
	4.4. Test Results	Anbe		sk anbor	
	5. Radiated Emission Test (Below 1 GHz)	Anbor	bu.		
	5.1. Test Standard and Limit	logi,	er An		22
	5.2. Test Setup		otek	Anbote	
	5.3. Test Procedure	te. Pu		abotek	
	5.4 Test Results				Anbole 23
	6. Harmonic Current Test	hotek	Anbore	An	
	 6. Harmonic Current Test 6.1. Test Standard 6.2. Test Setup 	Antek	pote	Anbo	
	6.2. Test Setup	Anbo		otek Anb	
	6.3. Test Procedure	Anbor	Aur		
	6.4. Test Results	ok sol	oten	inbu ok	
	7. Voltage Fluctuations & Flicker Test		botek	Anbore	27
	7.1. Test Standard	pore	Am	anboten	
	7.2. Test Setup	anboten	Anb	6 botel	
	7.3. Test Procedure	hotek	Anbor		
	 6.2. Test Setup 6.3. Test Procedure 6.4. Test Results 7. Voltage Fluctuations & Flicker Test 7.1. Test Standard	All	× 500	oter And	
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Sileli	enzaen Anbotek compliance Laboratory Limiteu		Coue:/	AD-EIVIC-UZ-C	Impact Address

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Anbotek Product Safety

Report No.:18240EC30000701	Page 3 of 48	
8 Electrostatic Discharge Immunity Test	And K botek	28
8.1. Test Specification	Anbor Ar Angel	28
8.2. Test Setup	nek pobote. Anu	28
8.3. Test Procedure	Anbr	28
8.4. Test Results	Vpo, Vpo, Vola	29
 8.2. Test Setup 8.3. Test Procedure 8.4. Test Results 9. RF Field Strength Immunity Test 9.1. Test Specification	Ant Ant	31
9.2. Test Setup	ntek sphote	31
9.3. Test Procedure	An ack subotek	32
9.4. Iest Results		32
10. Electrical Fast Transient/Burst Immunity Test	untek pribote An-	34
10.1. Test Specification		34
10.3. Test Procedure	Anno Anno Anno Anno Anno Anno Anno Anno	35
10.4 Test Posults		35
11. Surge Immunity Test	at Anborr	36
11.1. Test Specification		36
11.2. Test Setup	poter Anu usk	36
11.3. Test Procedure	Anbor Ar	36
11. Surge Immunity Test 11. Surge Immunity Test 11.1. Test Specification 11.2. Test Setup 11.3. Test Procedure 11.4. Test Results	her polek poleote	36
12. Injected Currents Susceptibility Test	An-	37
12. Injected Currents Susceptibility Test 12.1. Test Specification	hundre and her had been her had been her	37
12.2. Test Setup	k pabore Ane	
 12.1. Test Specification 12.2. Test Setup 12.3. Test Procedure 12.4. Test Results 13. Power Frequency Magnetic Field Immunity Test 13.1. Test Specification 	mak suboten Anbo	38
12.4. Test Results	ing	38
13. Power Frequency Magnetic Field Immunity Test	unbore Arr	39
13.1. Test Specification	Kubolen Anber	39
13.2. Test Setup		39
13.3. Test Procedure	pri unalt priboter	39
13.4. Test Results	Ann	39
14. Voltage Dips and Interruptions Immunity Test	otek proc.	40
14.1. Test Specification	hotek hopote And	40
14.2. Test Setup	n	40
 13.2. Test Setup 13.3. Test Procedure 13.4. Test Results 14. Voltage Dips and Interruptions Immunity Test 14.1. Test Specification 14.2. Test Setup 14.3. Test Procedure 14.4. Test Results 	Arthou and a source the	40
14.4. Test Results	pabote An-	40
APPENDIX I TEST SETUP PHOTOGRAPH APPENDIX II EXTERNAL PHOTOGRAPH APPENDIX III INTERNAL PHOTOGRAPH	Anbo	41
APPENDIX II EXTERNAL PHOTOGRAPH	an poster pobote	44
APPENDIX III INTERNAL PHOTOGRAPH	Phil. Phil.	47

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Applicant

Manufacturer

Report No.:18240EC30000701

Page 4 of 48

TEST REPORT

: Shenzhen Bolong Technology Co., Ltd.

: Shenzhen Bolong Technology Co., Ltd.

Product Name : (

Galaxy Projector

BL-DQY02

N.A. N.A.

Test Model No.

Reference Model No.

Trade Mark

Rating(s)

Power Input: DC 5V 2A Maximun Output Power: 10W

Test Standard(s)

EN IEC 55015: 2019+A11: 2020; EN IEC 61000-3-2: 2019+A1: 2021; EN 61000-3-3: 2013+A1:2019+A2:2021; EN 61547: 2009; (IEC 61000-4-2; IEC 61000-4-3; IEC 61000-4-4; IEC 61000-4-5; IEC 61000-4-6; IEC 61000-4-8; IEC 61000-4-11)

The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with the EN IEC 55015, EN IEC 61000-3-2, EN 61000-3-3, EN 61547 requirements.

This report applies to above tested sample only and shall not be reproduced in part without written approval of Shenzhen Anbotek Compliance Laboratory Limited.

Date of Receipt:

Jan. 06, 2023

Date of Test:

Jan. 06~Jan. 16, 2023

Prepared By:

We Le

(We Zeng)

(KingKong Jin)

Shenzhen Anbotek Compliance Laboratory Limited

Approved & Authorized Signer:

Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com



Page 5 of 48

1. General Information

1.1. Client Information

Applicant	: Shenzhen Bolong Technology Co., Ltd.
Address	 Room 415, 4th Floor, Building A, Youth Pioneer Park , Jianshe East Road, Tsinghua Community, Longhua Street, Longhua District, Shenzhen City, China
Manufacturer	: Shenzhen Bolong Technology Co., Ltd.
Address	 Room 415, 4th Floor, Building A, Youth Pioneer Park , Jianshe East Road, Tsinghua Community, Longhua Street, Longhua District, Shenzhen City, China
Factory	: Shenzhen Bolong Technology Co., Ltd.
Address	 Room 415, 4th Floor, Building A, Youth Pioneer Park , Jianshe East Road, Tsinghua Community, Longhua Street, Longhua District, Shenzhen City, China

1.2. Description of Device (EUT)

Product Name	:	Galaxy Projector
Test Model No.	:	BL-DQY02
Reference Model No.	:	N.A. nbotek Anbotek
Trade Mark	:	N.A. Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
Test Power Supply	:	DC 5V via adapter
Test Sample No.	:	1-1-1 abotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
Product Description	:	N/A Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek
Remark: (1) For a r specifications or the		e detailed features description, please refer to the manufacturer's er's Manual.

1.3. Auxiliary Equipment Used During Test

N/A

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Page 6 of 48

1.4. Description of Test Mode

Pretest Mode	Description			
Mode 1	potek Anbore Ano potek On Anbore Anbore Anbore			

For Mode 1 Block Diagram of Test Setup

	inpor pri tek	aboten An
AC Mains	Adapter	EUT
	abotek Anbo	N. woter

1.5. Test Summary

Test Items	Test Mode	Status
Power Line Conducted Emission Test	Mode 1	AntPrek
Magnetic Field Inducted Current	Mode 1	ek Pibotek
Magnetic Field Strength (9KHz-30MHz)	Anbury Ar	potek N Anboth
Radiated Emission Test (Below 1 GHz)	Mode 1	Anborer P Anbu
Harmonic Current Test	hotek Anbotek	Anbois Nek
Voltage Fluctuations & Flicker Test	Anbotek / Anboter	Anbu Notek
Electrostatic Discharge Immunity Test	Mode 1	otek Pubotek
RF Field Strength Immunity Test	Mode 1	botek P Anbote
Electrical Fast Transient/Burst Immunity Test	hek Anbore	Ant Nantore N Ant
Surge Immunity Test	holes Anbo	Anb
Injected Currents	Anbore Antonio	N
Power Frequency Magnetic Field Immunity Test	Anbo An	otek Nanbote
Voltage Dips and Interruptions Immunity Test	ek anbrek	Anborek N Anbo
P) Indicates "PASS". F) Indicates "Fail".	botek Anbotek	Anborek And
N) Indicates "Not applicable".	Anbote, Anu	

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Page 7 of 48

1.6. Test Equipment List

 $\boxtimes \mathsf{Power}$ Line Conducted Emission Test

	Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
3.H	An 1. ek	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	Oct. 23, 2022	1 Year
20	oʻz.	Three Phase V-type Artificial Power Network	CYBERTEK	EM5040DT	E215040D T001	Jul. 05, 2022	1 Year
ſ	3.	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	Oct. 13, 2022	1 Year
4	4.	RF Switching Unit	Compliance Direction	RSU-M2	38303	Oct. 22, 2022	1 Year
01	5.	Software Name EZ-EMC	Ferrari Technology	ANB-03A	N/A	N/A	N/A

Magnetic Field Inducted Current

	grietie i leia inducte	a ourront	6		NO.	
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1. 🔊	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	Oct. 13, 2022	1 Year
2.	Triple-Loop Antenna(2M)	EVERFINE	LLA-2	905003	Oct. 23, 2022	1 Year
3.et	RF Switching Unit	Compliance Direction	RSU-M2	38303	Oct. 22, 2022	1 Year
4. ^{bol}	Software Name EZ-EMC	Ferrari Technology	ANB-03A	N/A	N/A	N/A otek

Magnetic Field Strength (9KHz-30MHz)

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
. diek	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	Oct. 13, 2022	1 Year
2.	Pre-amplifier	Schwarzbeck	BBV-9745	9745-075	Oct. 23, 2022	1 Year
3.	Loop Antenna (9K-30M)	Schwarzbeck	FMZB1519B	00053	Oct. 23, 2022	1 Year
4. 10 ^K	Software Name EZ-EMC	Ferrari Technology	EMEC-3A1	N/A	N/A	N/A MA

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Page 8 of 48

Radiated Emission Test (Below 1 GHz)

0.7	10.	100		10.0	10.	-60
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	Oct. 13, 2022	1 Year
2.	Pre-amplifier	Schwarzbeck	BBV-9745	9745-075	Oct. 23, 2022	1 Year
3.	Bilog Broadband Antenna	SCHWARZBECK	VULB 9163	01109	Oct. 16, 2022	3 Year
4.	Software Name EZ-EMC	Ferrari Technology	EMEC-3A1	N/A	N/A	N/A

Harmonic Current and Flicker Test

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Programmable AC Power source	IVYTECH	APS-5005A	632734	Oct. 23, 2022	1 Year
2.	Harmonic and Flicker Analyzer	EMC-PARTNER	HMONICS 1000-1P	164	Oct. 23, 2022	1 Year
3. 0	Harmonics-1000	N/A N/A	Ed.3.0+4.0	N.A No	N/A	N/A of

Electrostatic Discharge Immunity Test

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1. 1.	ESD Simulators	emtest	ESD NX30.1	11936	Mar. 25, 2022	1 Year

RF Field Strength Immunity Test

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
, 1.	Signal Generator	Agilent	N5182A	MY4818065 6	Oct. 13, 2022	1 Year
2.	Amplifier	Micotoop	MPA-80-100 0-250	MPA190309 6	Oct. 23, 2022	1 Year
o3.	Amplifier	Micotoop	MPA-1000-6 000-100	MPA190312 2	Oct. 23, 2022	1 Year
4. ^{bot}	Log-Periodic Antenna	Schwarzbeck	VULP9118E	00992	N/A	N/A
5. ^{An}	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	Oct. 16, 2022	3 Year
6.	Power Sensor	Agilent	E9301A	MY4149890 6	Oct. 23, 2022	1 Year
	Power Sensor	Agilent	E9301A	MY4149808 8	Oct. 23, 2022	1 Year
8.01	Power Meter	Agilent	E4419B	GB4020290 9	Oct. 23, 2022	1 Year
9.00	Electric field Probe	Narda	EP 601	811ZX10351	Oct. 23, 2022	1 Year
10.	RS Test software	EMtrace	EM 3	V1.1.7	N/A M	N/A

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Page 9 of 48

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
hote	Surge Generator	TESEQ	NSG 3060	1480	Oct. 23, 2022	1 Year
2.	CDN	TESEQ	CDN 3061	1408	Oct. 23, 2022	1 Year
3.	EFT-Clamp	PRIMA	EFT-Clamp		Oct. 13, 2022	1 Year

Surge Immunity Test

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
Anbote 1. Anb	Combined Wave Lightning Surge Simulator	3Ctest	CCS600	ES3771702	Jul. 05, 2022	1 Year
2.	Three Phase Power Coupling Network	3Ctest	SEPN69100 T	ES0801757	Jul. 05, 2022	1 Year
3.	Telecom port surge generator	polek PMI botek	TW101	190411	May 13, 2022	1 Year

Injected Currents Susceptibility Test

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1. Jotek	C/S Conducted Immunity Test System	FRANKONIA	CIT-10	126A1196/20 12	Oct. 23, 2022	1 Year
2.	CDN	FRANKONIA	CDN - M2+ M3	A2210178/20 12	Oct. 23, 2022	1 Year
3.	6dB Attenuator	FRANKONIA	DAM 26W	1172202	Oct. 23, 2022	1 Year
4. ^{p.c}	CIT-10	FRANKONIA	Version1.1.7	N/A	N/A	N/A
5.	EM-Clamp	FRANKONIA	EMCL-20	18101728-01 03	May 17, 2022	1 Year

Power frequency Magnetic Field Immunity Test

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
An 1.	Power Frequency Magnetic Field Generator	EVERFINE	EMS61000-8 K	906002	Oct. 23, 2022	1 Year

□ Voltage Dips and Interruptions Immunity Test

	Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
ē.	1.00	CYCLE SAG	PRIMA	DRP61011A	0040046024	Oct. 23, 2022	1 Voor ^{otek}
No	Pec.	Simulator	PRIVIA	botek G Ant	PR12040234	OCI. 23, 2022	1 Year

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Anbotek Product Safety

Report No.:18240EC30000701

Page 10 of 48

1.7. Description of Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

FCC-Registration No.: 184111

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No. 184111.

ISED-Registration No.: 8058A

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (ISED) Innovation, Science and Economic Development Canada. The acceptance letter from the ISED is maintained in our files. Registration 8058A.

Test Location

Shenzhen Anbotek Compliance Laboratory Limited. 1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.518128

1.8. EMS Performance Criteria

Performance criterion A

During the test, no change of the luminous intensity shall be observed and the regulating control, if any, shall operate during the test as intended.

Performance criterion B

During the test, the luminous intensity may change to any value. After the test, the luminous intensity shall be restored to its initial value within 1 min. Regulating controls need not function during the test, but after the test, the mode of the control shall be the same as before the test provided that during the test no mode changing commands were given.

Performance criterion C

During and after the test, any change of the luminous intensity is allowed and the lamp(s) may be extinguished. After the test, within 30 min, all functions shall return to normal, if necessary by temporary interruption of the mains supply and/or operating the regulating control.

Additional requirement for lighting equipment incorporating a starting device: After the test, the lighting equipment is switched off. After half an hour, it is switched on again. The lighting equipment shall start and operate as intended.

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Page 11 of 48

2. Power Line Conducted Emission Test

2.1. Test Standard and Limit

					 6.0	101	
	Test Stand	lard:		EN IEC 55015			
10	57		0.00	-0.5	 1		DUN

igtimes Disturbance voltage limits at the electric power supply interface

LON LOU	M LON ANT	Let 19			
	Limits (dBµV)				
Frequency (MHz)	Quasi-peak Level	Average Level			
0.009 ~ 0.05	potek Anton 110 Anto Lotek	Anbotek Anbor tek Anbot			
0.05 ~ 0.15	90~80	Anbotek Anbo tek not			
0.15 ~ 0.50	66~56	56~46			
0.50 ~ 5.00	Anbotek 56 both ak	otet Antonie 46 Antoniet			
5.00 ~30.00	K Anborek 60 Anbor ek	abotek Anboson Anbosotek			

Remark:

(1) The lower limit shall apply at the transition frequencies.

(2) The limit decreases linearly with the logarithm of the frequency in the range 0.05MHz to 0.50MHz.

Disturbance voltage limits at the electric power supply interface (Electrodeless lamp)

	No ho	-19 A () P
	Limits	(dBµV)
Frequency (MHz)	Quasi-peak Level	Average Level
0.009 ~ 0.05	110 Andrew	Anbo
0.05 ~ 0.15	90~80	Anborek - Anborek A
0.15 ~ 0.50	66~56	56~46
0.50 ~ 2.20	56	46
2.20 ~ 3.00	73 March 1	Ambore Am 63 otek Ambore
3.00 ~ 5.00	56	Anboil 46 botek Anbo
5.00 ~30.00	60 Minutes	Anborn sk 50 Angotek A
N	100	N

Remark:

- The lower limit shall apply at the transition frequencies.
- (2) The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.50MHz.

Shenzhen Anbotek Compliance Laboratory Limited

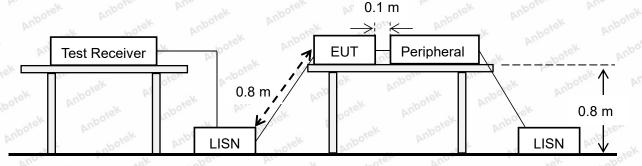
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com





Page 12 of 48

2.2. Test Setup



2.3. Test Procedure

The table-top EUT is placed on a non-conductive table 0.8 m above the horizontal ground reference plane, and the back of the EUT is 0.4 m away from the vertical ground reference plane, and at least 0.8 m from any other metal surface or ground plane. The floor-standing EUT is placed on an insulating support 0.1 m above the horizontal ground reference plate, at least 0.8 m away from other metal objects.

Connect EUT to the power mains through an LISN. Where the mains cable supplied by the manufacturer is longer than 1 m, the excess should be folded at the center into a bundle no longer than 0.4 m, so that its length is shortened to 1 m. All the peripherals are connecting to the other LISN (Handheld devices shall be tested with a simulated hand).

The initial testing identified the frequency that has the highest disturbance relative to the limit while operating the EUT in typical modes of operation and cable positions in a test setup representative of typical system configuration.

The identification of the frequency of highest disturbance with respect to the limit was found by investigating disturbances at a number of significant frequencies. The probable frequency of maximum disturbance had been found and that the associated cable and EUT configuration and mode of operation had been identified.

Set the test-receiver to quasi peak detect function and average detect function, and to measure the conducted emissions values.

2.4. Test Results

PASS

The test curves are shown in the following pages.

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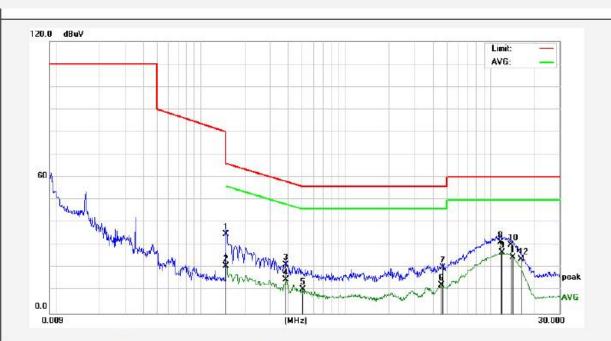


Page 13 of 48

Power Line Conducted Test Data

Test Site:
Test Specification:
Comment:

1# Shielded Room DC 5V via adapter Live Line Temp.: 22.8℃ Hum.: 51%



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.1500	25.26	9.56	34.82	65.99	-31.17	QP	
2	0.1500	11.43	9.56	20.99	55.99	-35.00	AVG	
3	0.3860	11.68	9.71	21.39	58.15	-36.76	QP	
4	0.3899	5.24	9.71	14.95	48.06	-33.11	AVG	
5	0.5060	0.75	9.89	10.64	46.00	-35.36	AVG	
6	4.5780	2.57	9.76	12.33	46.00	-33.67	AVG	
7	4.7140	10.35	9.75	20.10	56.00	-35.90	QP	
8	11.8500	21.34	9.87	31.21	60.00	-28.79	QP	
9	12.0740	16.89	9.88	26.77	50.00	-23.23	AVG	
10	13.9420	20.17	9.95	30.12	60.00	-29.88	QP	
11	14.3500	14.84	9.96	24.80	50.00	-25.20	AVG	
12	16.2099	13.79	10.01	23.80	60.00	-36.20	QP	

Note:

Result = Reading + Factor Over Limit = Result - Limit

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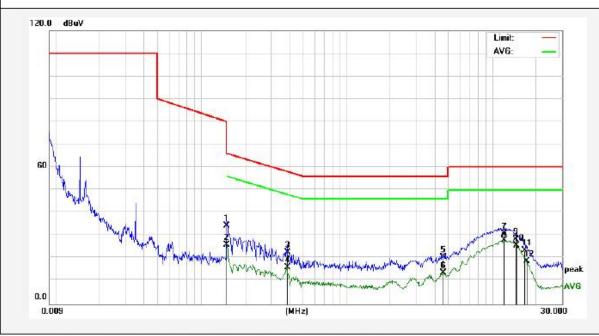


Page 14 of 48

Power Line Conducted Test Data

Test Site:
Test Specification:
Comment:

1# Shielded Room DC 5V via adapter Neutral Line Temp.: 22.8℃ Hum.: 51%



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.1500	24.69	9.56	34.25	65.99	-31.74	QP	
2	0.1500	16. <mark>4</mark> 6	9.56	26.02	55.99	-29.97	AVG	
3	0.3899	12.86	9.71	22.57	58.06	-35.49	QP	
4	0.3899	6.24	9.71	15.95	48.06	-32.11	AVG	
5	4.5820	10.77	9.76	20.53	56.00	-35.47	QP	
6	4.5820	3.92	9.76	13.68	46.00	-32.32	AVG	
7	12.0060	20.85	9.87	30.72	60.00	-29.28	QP	
8	12.1459	18.23	9.88	28.11	50.00	-21.89	AVG	
9	14.4580	18.28	9.96	28.24	60.00	-31.76	QP	
10	14.6420	15.78	9.97	25.75	50.00	-24.25	AVG	
11	16.6780	13.46	10.02	23.48	60.00	-36.52	QP	
12	17.1460	8.87	10.03	18.90	50.00	-31.10	AVG	

Note:

Result = Reading + Factor

Over Limit = Result - Limit

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Page 15 of 48

3. Magnetic field induced current

3.1. Test Standard and Limit

	Test Standard		EN IEC 55015	Anboy	Anbotek	Anboto	Ann
100		6.1.1		10 M	100 A.		15.3.3.5

od.

imits for the magnetic field indu

	its for the magnetic h	elu illuuceu current	and and			
	limits (dBµA)					
Frequency (MHz)	2m	3m	4m			
0.009 ~ 0.070	88	abotek 81, noote	And Lotek75 Anbotek			
0.070 ~ 0.150	88~58	81~51	75~45			
0.150~3.000	58~22	51~15	45~9			
3.000~30.000	22	15~16	9~12			
Remark:	Anboren Anbo	ok botek Al	hote And otek			

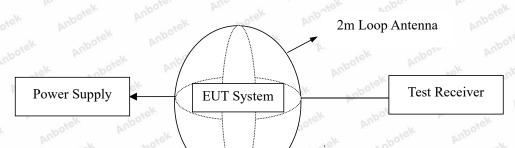
The limit decreases linearly with the logarithm of the frequency in the range 0.070MHz to 3.000MHz.

Limits for the magnetic field induced current (Electrodeless lamp)							
		limits (dBµA)					
Frequency (MHz)	2m	3m	4m				
0.009 ~ 0.070	88	81	75				
0.070 ~ 0.150	88~58	81~51	75~45				
0.150~2.200	58~32	51~25	45~19				
2.200~3.000	58	And hotel 51 Anbotel	45				
3.000~30.000	22	15~16	9~12				

Remark:

The limit decreases linearly with the logarithm of the frequency in the range 0.070MHz to 2.200MHz.

3.2. Test Setup



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Page 16 of 48

3.3. Test Procedure

Place the test sample in the center of the three loop antenna so that each edge point of the test sample is more than 20cm away from the inner edge of the antenna. If this requirement cannot be met, please use the radiation method for testing.

Connect the tested equipment to the corresponding power supply, and connect all auxiliary equipment to the tested equipment.

3.4. Test Results

PASS

The test curves are shown in the following pages.

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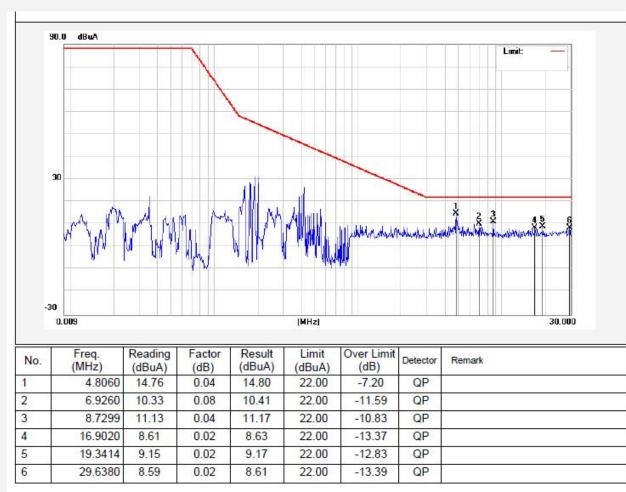
Page 17 of 48

Magnetic field induced current Test Data

Test Site:	
Test Specification:	
Comment:	

1# Shielded Room DC 5V via adapter X

Temp.: 23.9°C Hum.: 45%



Note:

Result = Reading + Factor Over Limit = Result - Limit

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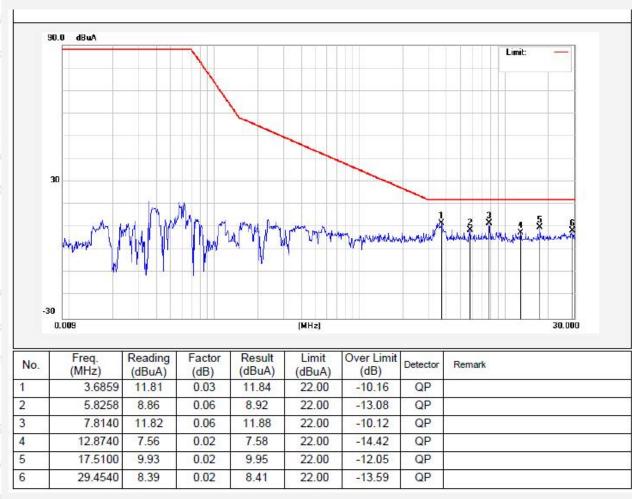
Page 18 of 48

Magnetic field induced current Test Data

Test Site:	
Test Specification:	
Comment:	

1# Shielded Room DC 5V via adapter Y

Temp.: 23.9°C Hum.: 45%



Note:

Result = Reading + Factor Over Limit = Result - Limit

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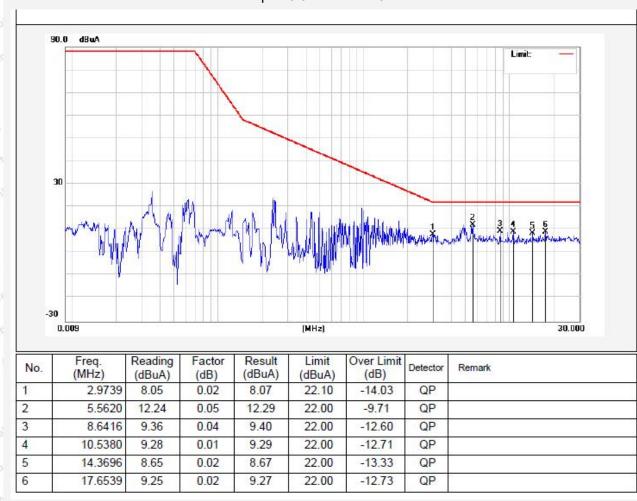


Page 19 of 48

Magnetic field induced current Test Data

Test Site:		1# Shielded Room
Test Specificat	tion:	DC 5V via adapter
Comment:		Z

Temp.: 23.9℃ Hum.: 45%



Note:

Result = Reading + Factor Over Limit = Result - Limit

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Page 20 of 48

4. Magnetic field strength

4.1. Test Standard and Limit

	Test Star	ndard		EN IEC 55015	Anboundtek	Anbotek	Anboton	Ano
10	14	010	0111	- Q.M.	~0~	P*		D'LI.

 \square Radiation disturbance limit of loop antenna for equipment with diameter \ge 1.6 m

	Limits at 3m distance (dBµA/m)					
Frequency (MHz)	Quasi-peak Level					
0.009 ~ 0.070	69. boten 69. boten process					
0.070 ~ 0.150	69~ 39 *					
0.150~4.000	And and and a set of					
4.000~30.000	Anboten Anbo otek Anbo 3k Anboit An Anboit					
set abore print	hoten And tek abore Ant					

Remark:

The limit decreases linearly with the logarithm of the frequency in the range 0.070MHz to 4.000MHz.

□ Radiation disturbance limit of loop antenna for equipment with diameter \ge 1.6 m (Electrodeless lamp)

Not Not	(Elocitorioro lamp)
	Limits at 3m distance (dBµA/m)
Frequency (MHz)	Quasi-peak Level
0.009 ~ 0.070	69 of 69
0.070 ~ 0.150	69~ 39 *
0.150~2.200	39~ 19.8 *
2.200~3.000	Anborek Anbore Anno 39 Anborek Anbo
3.000~4.000	12.4~ 3 *
4.000~30.000	Anbotek Anbot All 3 abotek Anboten Anbo
pr. v woter prob	all about An a coten and

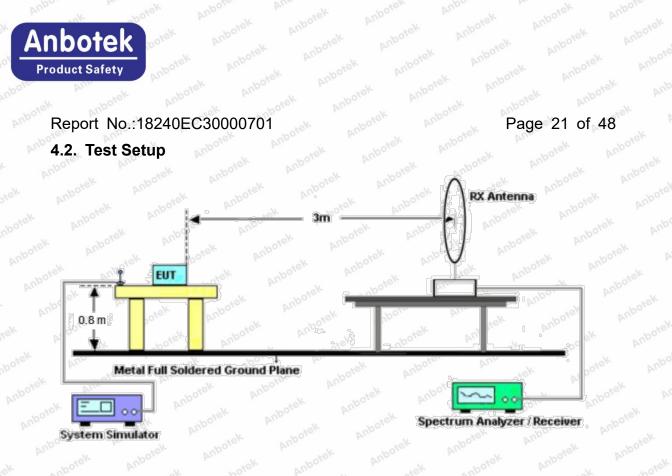
Remark:

The limit decreases linearly with the logarithm of the frequency in the range 0.070MHz to 4.000MHz.

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4.3. Test Procedure

The table-top EUT is placed on a non-conductive table 0.8 m above the horizontal ground reference plane. The floor-standing EUT is placed on an insulating support 0.1 m above the horizontal ground reference plane.

The EUT shall be vertically above the center of the turntable, the antenna shall be 3m away from the center of the turntable, and the lower edge of the antenna shall be more than 1m away from the horizontal reference ground plane.

The turntable can rotate 360 degree to determine the position of the maximum emission level.

In the test frequency range of 0.009MHz-0.15MHz, the analytical bandwidth of the receiver is set to 200Hz, and in the test frequency range of 0.15MHz-30MHz, the analytical bandwidth of the receiver is set to 9KHz.

4.4. Test Results

Not applicable.

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Page 22 of 48

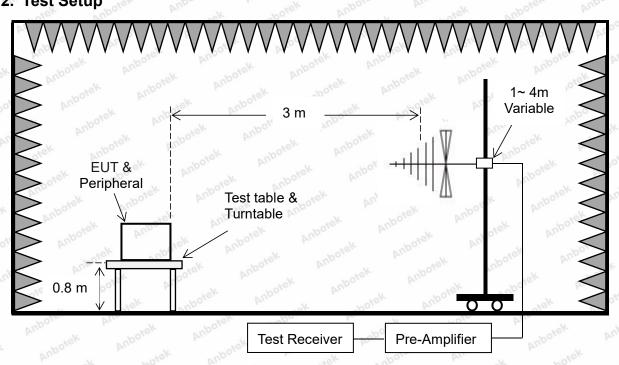
5. Radiated Emission Test (Below 1 GHz)

5.1. Test Standard and Limit

	Test Sta	ndard		EN IEC 55015	Anbonetek	Anbotek	Anboton	And
10	N.	10 ¹ 0	Dur	*CM	000	Pro No	2010	DU

Frequency (MHz)		Distance (Meters)			Field Strengths Limit (dBµV/m)			
30 ~ 230	boilek	Anbore tek 3	Annabotek	Anboten	40	Anbo		
230 ~ 1000	hotek	Anbo 3k	hotek	Anbore	47	2		

5.2. Test Setup



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Page 23 of 48

5.3. Test Procedure

The table-top EUT is placed on a non-conductive table 0.8 m above the horizontal ground reference plane. The floor-standing EUT is placed on an insulating support 0.1 m above the horizontal ground reference plane.

The EUT was set 3 m away from the receiving antenna that was mounted on a non-conductive mast. The antenna can move up and down between 1 to 4 m to find out the maximum emission level.

The turntable can rotate 360 degree to determine the position of the maximum emission level.

The initial testing identified the frequency that has the highest disturbance relative to the limit while operating the EUT in typical modes of operation and cable positions in a test setup representative of typical system configuration.

The identification of the frequency of highest emission with respect to the limit was found by investigating emissions at a number of significant frequencies. The probable frequency of maximum emission had been found and that the associated cable and EUT configuration and mode of operation had been identified.

The bandwidth of the Receiver is set at 120 kHz.

5.4. Test Results

PASS

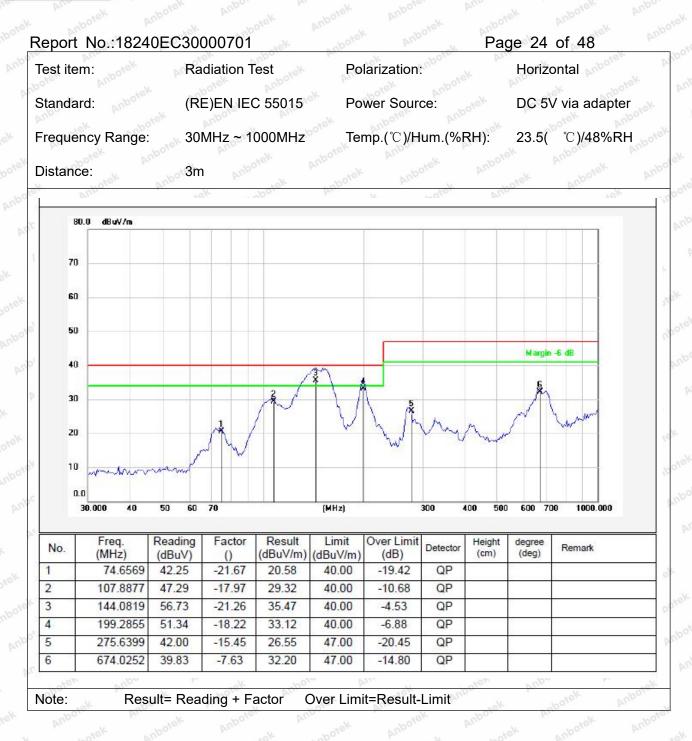
The test curves are shown in the following pages.

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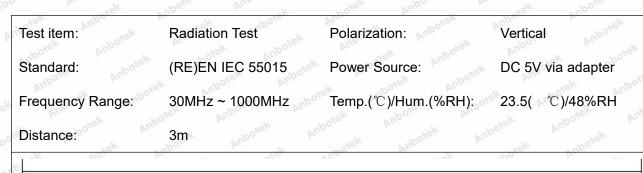
Shenzhen Anbotek Compliance Laboratory Limited

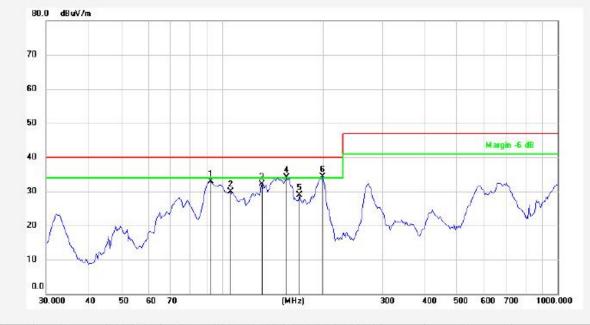
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com





Page 25 of 48





No.	Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark	
1	92.1388	50.91	-18.03	32.88	40.00	-7.12	QP				
2	106.0126	47.56	-17.73	29.83	40.00	-10.17	QP				
3	131.9889	53.05	-20.92	32.13	40.00	-7.87	QP				
4	155.9100	54.82	-20.77	34.05	40.00	-5.95	QP				
5	170.1947	48.80	-19.93	28.87	40.00	-11.13	QP				
6	199.2855	52.58	-18.22	34.36	40.00	-5.64	QP			-	
	de Mar	0.	pe.	13 14	010.	ARY		- Mar		100. Pr.	
Note:	Res	sult= Rea	ding + F	actor (Over Limi	t=Result-	Limit	Anboit	Þ.	494	abott

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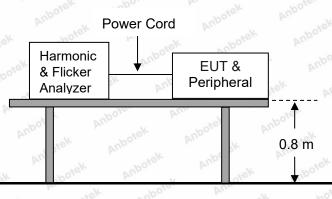
Page 26 of 48

6. Harmonic Current Test

6.1. Test Standard

A. 117	10.				 100	
	Test Standard:		EN IEC 61000-3-2			
200		0.111		140.	161	- C C

6.2. Test Setup



6.3. Test Procedure

The table-top EUT is placed on the top of a wooden table 0.8 m above the ground (0.1 m for the floor-standing EUT) and operated to produce the maximum harmonic components under normal operating conditions for each successive harmonic component in turn. The correspondent test program of test instrument to measure the current harmonics emanated from EUT is chosen. The measure time shall be not less than the necessary for the EUT to be exercised.

6.4. Test Results

Not applicable.

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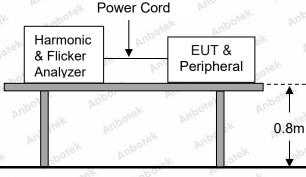


Page 27 of 48

7. Voltage Fluctuations & Flicker Test

7.1. Test Standard

Test Standa	ard:	EN 61000	-3-3	unbu stek	nbotek	Anboro	Annahote
ek Anbotek A	Inbort Ar	Anbotek	Anbotek	Anbo	Anbotek	Anbors	Anb
7.2. Test Setup							
		Anboten					



7.3. Test Procedure

The table-top EUT is placed on the top of a wooden table 0.8 m above the ground (0.1 m for the floor-standing EUT) and operated to produce the most unfavorable sequence of voltage changes under normal conditions during the flicker measurement. The observation period for short-term flicker indicator is 10 minutes and the observation period for long-term flicker indicator is 2 hours.

7.4. Test Results

Not applicable.

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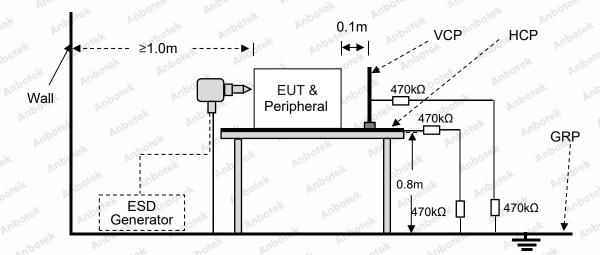
Page 28 of 48

8. Electrostatic Discharge Immunity Test

8.1. Test Specification

*	Test Standard :	EN 61547	Anbotek Anboten Anbo
	Basic standard :	IEC 61000-4-2: 2008	Anbotek Anbort An
	Performance criteria:	Bek Anboten And hotek	Anbotek Anbo, tek
2	Test Level :	± 8kV (Air Discharge)	± 4kV (Contact Discharge)

8.2. Test Setup



8.3. Test Procedure

a. In the case of air discharge testing, the climatic conditions shall be within the following ranges:

- Ambient temperature: 15°C to 35°C;
- Relative humidity: 30% to 60%;
- Atmospheric pressure: 86 kPa (860 mbar) to 106 kPa (1060 mbar)

b. In the case of contact discharges, the tip of the discharge electrode shall touch the EUT before the discharge switch is operated.

c. In the case of painted surface covering a conducting substrate, the following procedure shall be adopted: - If the coating is not declared to be an insulating coating by the equipment manufacturer, then the pointed tip of the generator shall penetrate the coating so as to make contact with the conducting substrate. - Coating declared as insulating by the manufacturer shall only be submitted to the air discharge. - The contact discharge test shall not be applied to such surfaces.

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Page 29 of 48

d. In the case of air discharges, the round discharge tip of the discharge electrode shall be approached as fast as possible (without causing mechanical damage) to touch the EUT. After each discharge, the ESD generator (discharge electrode) shall be removed from the EUT. The generator is then retriggered for a new single discharge. This procedure shall be repeated until the discharges are completed. In the case of an air discharge test, the discharge switch, which is used for contact discharge, shall be closed.

e. The test voltage shall be increased from the minimum to the selected test severity level, in order to determine any threshold of failure. The final test level should not exceed the product specification value in order to avoid damage to the equipment.

f. The test shall be performed with both air discharge and contact discharge. The test shall be performed with single discharges. On each pre-selected point at least 10 single discharges (in the most sensitive polarity) shall be applied. For the time interval between successive single discharges an initial value of 1 s is recommended. Longer intervals may be necessary to determine whether a system failure has occurred.

g. Ensure that the applied charge on the EUT has been dis-charged before next ESD pulse.

8.4. Test Results

PASS

Please refer to the following page.

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Page 30 of 48

Electrostatic Discharge Test Results

Anbo h sek	abore Any	poter Anbo	tek abore
Test Result:	🛛 Pass 🗌 Fail	Temperature: 23.	6 °C
Power Supply:	DC 5V via adapter	Humidity: 48	% Anbotek Anbot
a. Ann stek an	botek Anbo, ak	botek Anbote Ant	k anbotek An
Anbotek Anbotek		Kind A-Air Discharge C-Contact Discharge	Result
Air discharge: ±2.0 kV, ±	±4.0 kV, ±8.0 kV	Contact discharge: ±4.0	kV polek
Button	4 points	ten Anborek A Anborek	⊠A □B □C
Slot	4 points	Anbotek Anbotek Anbote	A B C
Type-C Port	4 points	Andorek Andore And	⊠A □B □C
Light	4 points	Anbotes Anbotek	⊠A □B □C
HCP Andres Andres	4 points	etek Anbotek C Anbotek	⊠A □B □C
VCP of the front	4 points	Anbotek Anbotek Anbote	A B C
VCP of the rear	4 points	Anbotek Anbote And	⊠A □B □C
VCP of the left	4 points	Alboren Anu C Dotek	⊠A □B □C
VCP of the right	4 points	stek Anbotek C Anbotek	⊠A □B □C
stek Anboro Ano	ntotek Anbotek Ant	nbotek Anbotek Anbote	ek Anbotek A
Note: N/A	Anbotek Anbo	Anbotek Anbotek And	potek Anbotek
A A A A A A A A A A A A A A A A A A A	10°, bu,	101	-V

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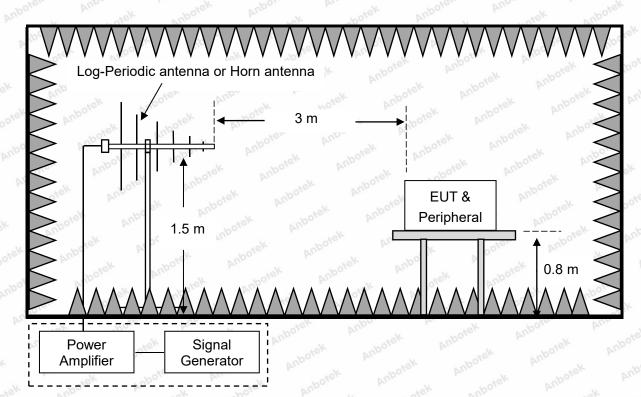
Page 31 of 48

9. RF Field Strength Immunity Test

9.1. Test Specification

Test Standard:	EN 61547
Basic standard:	IEC 61000-4-3: 2020
Performance criteria:	And And tek unbotek Anbor at Anborek Anborek Anborek An
Frequency Range:	80MHz to 1000MHz
Test level:	3 V/m
Modulation:	1kHz Sine Wave, 80%, AM Modulation
Frequency Step:	1 % of preceding frequency value
Polarity of Antenna:	Horizontal and Vertical
Test Distance:	3 m. Mootek Anboi An botek Anbotek And
Antenna Height:	1.5 m Anborek Anborek Anborek Anborek Anborek
Dwell Time:	at least 0.5s

9.2. Test Setup



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Page 32 of 48

9.3. Test Procedure

The procedure defined in this part requires the generation of electromagnetic fields within which the test sample is placed and its operation observed. To generate fields that are useful for simulation of actual (field) conditions may require significant antenna drive power and the resultant high field strength levels. To comply with local regulations and to prevent biological hazards to the testing personnel, it is recommended that these tests be carried out in a shielded enclosure or semi-anechoic chamber.

a. The antenna is placed 3 m from the equipment. The required field strength is determined by placing the field strength meter(s) on top of or directly alongside the equipment under test and monitoring the field strength meter via a remote field strength indicator outside the enclosure while adjusting the continuous-wave to the antenna.

b. The test shall normally be performed with the generating antenna facing each side of the EUT. When equipment can be used in different orientations (i.e. vertical or horizontal) all sides shall be exposed to the field during the test. When technically justified, some EUTs can be tested by exposing fewer faces to the generating antenna. In other cases, as determined for example by the type and size of EUT or the frequencies of test, more than four azimuths may need to be exposed.

c. The polarization of the field generated by each antenna necessitates testing each selected side twice, once with the antenna positioned vertically and again with the antenna positioned horizontally.

d. The step size of the frequency is set to 1%. The dwell time at each frequency shall not be less than the time necessary for the EUT to be exercised and to be able to respond. However, the dwell time should not exceed 5 s at each of the frequencies during the scan.

9.4. Test Results

PASS

Please refer to the following page.

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Report No.:18240EC30000701 Page 33 of 48 RF Field Strength Susceptibility Test Results

bo. p.	10	0.05	- All	100°	100	N	201
Test Result:	🛛 Pas	s 🗌 Fail	Temperature:		22.6℃		
Power Supply:	DC 5V	via adapter	Humidity:	Anbote	49%	po, potek	Ant
ek Anboten Ano	atek	Anbotek Anbo	tek obotek	Ant	oter	Ann	
	enna arity	R.F. Field Strength	Dwell Time	Azir	nuth	Resu	it ote ^k
Anbotek Arbote	Am	ek Anbotek	Anbu hotek	Anbotek	ont Anbor	NOK AN	
80 MHz ~ 1000	sk pin	potek Anboten	Anbo botek	Re	ear		20
MHz	/V	3 V/m	ls" 1s"	РĽе	eft		3
otek Anbor An		Anboten An	abotek Anbot	Ri	ght		
Note: N/A	Anbotek	Anbor botek	Anbotek Ant	poter otek	Annote	K Anb	otek

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Page 34 of 48

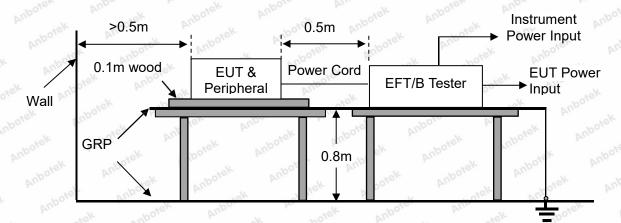
10. Electrical Fast Transient/Burst Immunity Test

10.1. Test Specification

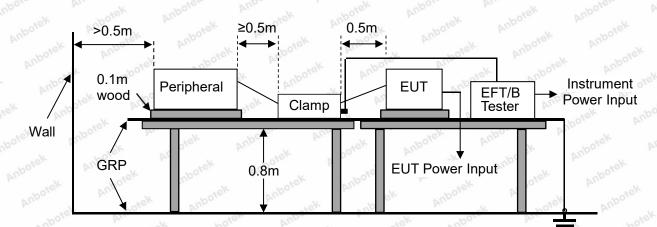
Test Standard:	EN 61547
Basic standard:	IEC 61000-4-4: 2012
Performance criteria:	B sek sobotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
Test Level:	☑ 1 kV, AC mains power ports
	□ 0.5 kV, DC network power ports
	□ 0.5 kV, Signal ports and control line

10.2. Test Setup

AC mains power ports and DC network power ports:



Analogue/digital data ports:



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Page 35 of 48

10.3. Test Procedure

The table-top EUT is placed on a table that is 0.8 m height, a ground reference plane is placed on the table, and uses 0.1 m insulation between the EUT and ground reference plane. The floor-standing EUT is placed on a ground reference plane and insulated from it by an insulating support with a thickness of 0.1 m. This reference ground plane shall project beyond the EUT by at least 0.1 m on all sides and the minimum distance between EUT and all other conductive structure, except the ground plane beneath the EUT, shall be more than 0.5 m.

All cables to the EUT shall be placed on the insulation support 0.1 m above the ground reference plane. Cables not subject to electrical fast transients shall be routed as far as possible from the cable under test to minimize the coupling between the cables.

10.4. Test Results

Not applicable.

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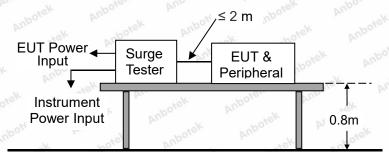
Page 36 of 48

11. Surge Immunity Test

11.1. Test Specification

4	Test Standard:	EN 61547
	Basic standard:	IEC 61000-4-5: 2014+A1:2017
°	Self-ballasted lamps and	⊠ 0.5 kV, Line to Line, Criterion C
	semi-luminaires	⊠ 1kV, Line to Ground, Criterion C
	Luminaires and	0.5 kV, Line to Line, Criterion C
Test	independent auxiliaries (Input	hotok Artbolie Allin tek obotek Anbe
level	power≪25W)	☐ 1kV, Line to Ground, Criterion C
5	Luminaires and	□ 1 kV, Line to Line, Criterion C
8	independent auxiliaries (Input	
	power>25W)	2kV, Line to Ground, Criterion C
Num	per of surges	5 (for each combination of parameters)
Repetition rate		1 minute / time
Polarity:		Positive / Negative
Phase angle:		90°, 270°
Wave	eform:	1.2 us / 50 us (8 us / 20us)
er	- North	NOT AT TOTAL

11.2. Test Setup



11.3. Test Procedure

Table-top EUT is placed on a table of 0.8 m heights above a metal ground reference plane. Floor standing EUT is placed on a ground reference plane and insulated from it by an insulating support with a thickness of 0.1 m. The length of the power cord between the EUT and the coupling/decoupling network is not more than 2 m, and the length of the interconnection line between the EUT and the coupling/decoupling network is not more than 2 m. The tests were done at repetition rate 1 per minute.

11.4. Test Results

Not applicable.

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Page 37 of 48

12. Injected Currents Susceptibility Test

12.1. Test Specification

Test Standard:	EN 61547
Basic standard:	IEC 61000-4-6: 2013
Performance criteria:	A ak Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
Frequency range:	0.15MHz-80MHz
	AC power ports: 3V/m(rms, unmodulated)
Test level:	DC Power Ports: 3V/m(rms, unmodulated)
	☐ Signal ports,control lines: 3V/m(rms, unmodulated)
Modulation:	AM 80%, 1kHz sine-wave
Frequency Step:	1% of fundamental

12.2. Test Setup

CDN injection: 6dB Attenuator Signal Generator Power Amplifier 50Ω Terminator EUT Power Peripheral EUT Power Input Input CDN CDN 0.1m 韋 Ground reference plan Clamp injection: 6dB Attenuator Signal Generator **Power Amplifier** 50Ω Terminator 50Ω Terminator EUT **EUT** Power Peripheral Power Input CDN CDN Input 10.1m 0.1m 🛔 Clamp Ground reference plan Shenzhen Anbotek Compliance Laboratory Limited Code: AB-EMC-02-c

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Page 38 of 48

12.3. Test Procedure

a. The EUT and peripheral are placed on an insulating support of 0.1 m height above a ground reference plan. The distance between EUT and CDN is 0.1 m to 0.3 m. All cables exiting the EUT are supported at a height of at least 30 mm above the ground reference plan.

b. The frequency range is swept from 150 kHz to 80MHz, with the signal 80% amplitude modulated with a 1 kHz sine wave. The rate of sweep did not exceed 1.5x 10-3 decade/s. The frequency range is swept incrementally. The step size was 1% of fundamental from 0.15MHz to 80MHz.

c. The dwell time at each frequency isn't less than the time necessary for the EUT to be able to respond.

12.4. Test Results

Not applicable.

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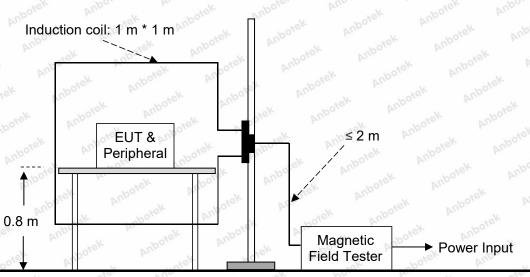
Page 39 of 48

13. Power Frequency Magnetic Field Immunity Test

13.1. Test Specification

Test Standard:	EN 61547
Basic Standard	IEC 61000-4-8: 2009
Performance criteria	A otek Anbolte Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
Test level	3A/m

13.2. Test Setup



13.3. Test Procedure

Table-top EUT is placed on a table that is 0.8 m height. Floor standing EUT is placed on a ground reference plane and insulated from it by an insulating support with a thickness of 0.1 m.

The EUT is placed in the middle of an induction coil. The proximity method is used when the EUT does not fit into the standard inductive coil

13.4. Test Results

Not applicable.

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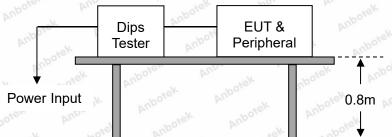
Page 40 of 48

14. Voltage Dips and Interruptions Immunity Test

14.1. Test Specification

Test Stand	ard:	EN 61547	Anbotek Ant
Basic stan	dard:	IEC 61000-4-11: 2020	Anbotek
	Voltage Dips	70%, 10 periods, Criteria C	Anboten
	Voltage short interruptions	0%, 0.5 periods, Criteria B	tek Anboten

14.2. Test Setup



14.3. Test Procedure

- a. Where the equipment has a rated voltage the following shall apply:
- If the voltage range does not exceed 20% of the lower voltage specified for the rated voltage range, a single voltage within that range may be specified as a basis for test level specification.
- In all other cases, the test procedure shall be applied for both the lowest and highest voltages declared in the voltage range.
- b. Test Conditions
- Select operated voltage and frequency of EUT Test of interval: 10 sec.
- Level and duration: Sequence of 3 dips/interrupts.
- Voltage rise (and fall) time: 1.5 $\mu s.$
- c. Changes to occur at 0 degree crossover point of the voltage waveform.

14.4. Test Results

Not applicable.

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Page 41 of 48

APPENDIX I -- TEST SETUP PHOTOGRAPH

Photo of Power Line Conducted Emission Test



Photo of Magnetic Field Inducted Current



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Page 42 of 48

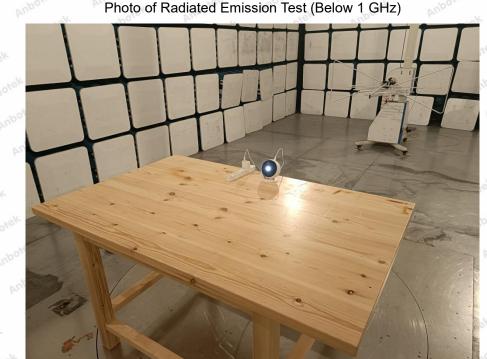
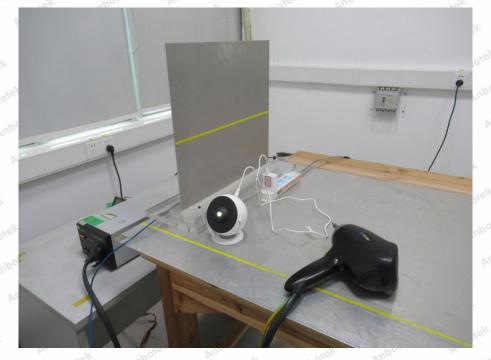


Photo of Electrostatic Discharge Immunity Test



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Page 43 of 48

Photo of RF Field Strength Immunity Test



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Page 44 of 48

APPENDIX II -- EXTERNAL PHOTOGRAPH

Report No.:18240EC30000701



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Page 45 of 48



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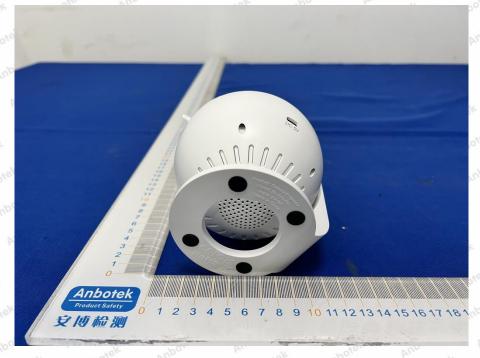
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com





Page 46 of 48





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APPENDIX III -- INTERNAL PHOTOGRAPH

Page 47 of 48



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Page 48 of 48

CE Label

1. The CE conformity marking must consist of the initials 'CE' taking the following form:

If the CE marking is reduced or enlarged, the proportions given in the above graduated drawing must be respected.

- The CE marking must have a height of at least 5 mm except where this is not possible on account of the nature of the apparatus.
- 3. The CE marking must be affixed to the product or to its data plate. Additionally it must be affixed to the packaging, if any, and to the accompanying documents.
- 4. The CE marking must be affixed visibly, legibly and indelibly.
- It must have the same height as the initials 'CE'.

----- End of Report ------

Shenzhen Anbotek Compliance Laboratory Limited

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CERTIFICATE **Of Conformity** EU Council Directive 2014/30/EU **Electromagnetic Compatibility**

Registration No.: AT18240EC300007

Report No.:

18240EC30000701

Applicant

Shenzhen Bolong Technology Co., Ltd.

Room 415, 4th Floor, Building A, Youth Pioneer Park, Jianshe East Road, Tsinghua Community, Longhua Street, Longhua District, Shenzhen City, China **Galaxy Projector**

Product

Identification

Test Model	v. :	BL-DQY02
No.		Anbe tek obote
Reference	- de	N.A.
Model No.		
Trade Mark	Anio	N.A.
Rating	:0	Power Input: DC 5V 2A

Maximun Output Power: 10W EN IEC 55015: 2019+A11: 2020 Test Standards EN IEC 61000-3-2: 2019+A1: 2021 EN 61000-3-3: 2013+A1:2019+A2:2021 EN 61547: 2009

The certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical report and documentation are at the applicant's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex II of Council Directive 2014/30/EU, in its latest amended version, referred to EMC Directive. The certificate does not imply assessment of the production and does not permit the use of Lab's logo. The applicant of the certificate is authorized to use this certificate in connection with EU declaration of conformity to Article 15 of the Directive.

Jan. 16, 2023 Date

C F



Certified I

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KingKong Jin

The CE Marking may only be used if all relevant and effective EU Directives are complied with

Shenzhen Anbotek Compliance Laboratory Limited

1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.518128 Tel: (86)755-26066440 Fax: (86)755-26014772 Http://www.anbotek.com Email: service@anbotek.com





Page 1 of 23

FCC Test Report

Client Name	Shenzhen Bolong Technology Co., Ltd.		
	Room 415, 4th Floor, Building A, Youth		
Client Address	Pioneer Park, Jianshe East Road, Tsinghua		
Chefit Address	Community, Longhua Street, Longhua		
	District, Shenzhen City, China		
	And Ander Andors And tek adorer		

Product Name : Galaxy Projector

Report Date

: Jan. 16, 2023



Shenzhen Anbotek Compliance Laboratory Limited

Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel: (86) 0755–26066440 Fax: (86) 0755–26014772 Email:service@anbotek.com





Page 2 of 23



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1. General Information	
1.1. Client Information	4
 General Information 1.1. Client Information 1.2. Description of Device (EUT) 	4
1.3. Auxiliary Equipment Used During Test	4
1.4. Description of Test Mode	
1.2. Decemption of Device (Let r) 1.3. Auxiliary Equipment Used During Test 1.4. Description of Test Mode 1.5. Test Summary	5
1.6. Test Equipment List	
1.6. Test Equipment List 1.7. Measurement Uncertainty	6
1.8 Description of Test Facility	hoten Anbo 7
2. Power Line Conducted Emission Test	8
2. Power Line Conducted Emission Test 2.1. Test Standard and Limit	8
2.2. Test Setup	8
2.3. Test Procedure	
2.3. Test Procedure 2.4. Test Results	
 Radiated Emission Test (Below 1 GHz) 3.1. Test Standard and Limit 	
3.1. Test Standard and Limit	
 3.2. Test Setup 3.3. Test Procedure 3.4. Test Results	
3.3. Test Procedure	
3.4. Test Results	
 4. Radiated Emission Test (Above 1GHz)	poten 17
4.1. Test Standard and Limit	
4.2. Test Setup	
4.3. Test Procedure	
4.4. Test Results	
APPENDIX L TEST SETUP PHOTOGRAPH	19
APPENDIX II EXTERNAL PHOTOGRAPH	20
APPENDIX III INTERNAL PHOTOGRAPH	
	20

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Page 3 of 23

TEST REPORT

Applicant	Shenzhen Bolong Technology Co., Ltd.
Manufacturer	Shenzhen Bolong Technology Co., Ltd.
Product Name	Galaxy Projector
Test Model No.	BL-DQY02
Reference Model No.	N.A.
Trade Mark	N.A.
Rating(s)	Power Input: DC 5V 2A Maximun Output Power: 10W
Test Standard(s)	FCC 47 CFR Part 15 Subpart B: 2022 ANSI C63.4-2014

The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited To determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC 47 CFR Part 15 Subpart B limits both radiated and conducted emissions. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited Is assumed full responsibility for the accuracy and completeness of these measurements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Shenzhen Anbotek Compliance Laboratory Limited

Date of Receipt:

Jan. 06, 2023

Date of Test:

Prepared By:

Jan. 06~Jan. 16, 2023

We Le

(We Zeng)

(KingKong Jin)

Approved & Authorized Signer:

Shenzhen Anbotek Compliance Laboratory Limited

Address:1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com





1. General Information

1.1. Client Information

Applicant	:	Shenzhen Bolong Technology Co., Ltd.
Address	:	Room 415, 4th Floor, Building A, Youth Pioneer Park , Jianshe East Road, Tsinghua Community, Longhua Street, Longhua District, Shenzhen City, China
Manufacturer	:	Shenzhen Bolong Technology Co., Ltd.
Address	:	Room 415, 4th Floor, Building A, Youth Pioneer Park , Jianshe East Road, Tsinghua Community, Longhua Street, Longhua District, Shenzhen City, China
Factory	:	Shenzhen Bolong Technology Co., Ltd.
Address	:	Room 415, 4th Floor, Building A, Youth Pioneer Park , Jianshe East Road, Tsinghua Community, Longhua Street, Longhua District, Shenzhen City, China

1.2. Description of Device (EUT)

Product Name	:	Galaxy Projector
Test Model No.	:	BL-DQY02
Reference Model No.	:	N.A. Anborek
Trade Mark	:	N.A. Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
Test Power Supply	:	DC 5V via adapter
Test Sample No.	:	1-1-1 Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
Product Description	:	N/A Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
· · · · ·		e detailed features description, please refer to the manufacturer's er's Manual.

1.3. Auxiliary Equipment Used During Test

N/A

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Page 4 of 23

1.4. Description of Test Mode

Pretest Mode	Description	
Mode 1	potek Anboi At Anotek On Anbotek And	Anbotek

For Mode 1 Block Diagram of Test Setup

AC Mains	Adapter	EUT
	abotek Anbo.	Prin wotek

1.5. Test Summary

Test Items	Test Mode	Status
Power Line Conducted Emission Test	Mode 1	Anbore P ek sobotek
Radiated Emission Test (Below 1 GHz)	Mode 1	botek PAnbotek
Radiated Emission Test (Above 1GHz)	Anbo	Anbotek N Anbot
P) Indicates "PASS".F) Indicates "Fail".	otek Anbotek	Anborek

N) Indicates "Not applicable".

1.6. Test Equipment List

Power Line Conducted Emission Test

	10 ¹¹	·	~~~~`Q~	DAT	10	aV i
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
nbotek 1. Anbo	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	Oct. 23, 2022	1 Year
2.	Three Phase V-type Artificial Power Network	CYBERTEK	EM5040DT	E215040D T001	Jul. 05, 2022	1 Year
3.	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	Oct. 13, 2022	1 Year
4.	RF Switching Unit	Compliance Direction	RSU-M2	38303	Oct. 22, 2022	1 Year
5. ^{p.n}	Software Name EZ-EMC	Ferrari Technology	ANB-03A	N/A	N/A	N/A

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Page 5 of 23

Page 6 of 23

Ka	diated Emission Tes	t (Below 1 GHZ)	botto	And	wotek	anbo
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1,bot	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	Oct. 13, 2022	1 Year
2.	Pre-amplifier	Schwarzbeck	BBV-9745	9745-075	Oct. 23, 2022	1 Year
3.	Bilog Broadband Antenna	SCHWARZBECK	VULB 9163	01109	Oct. 16, 2022	3 Year
4.	Software Name EZ-EMC	Ferrari Technology	EMEC-3A1	N/A	N/A	N/A

Radiated Emission Test (Above 1GHz)

		101	v		010	×0.
ltem	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	Oct. 23, 2022	1 Year
2.	Bilog Broadband Antenna	Schwarzbeck	VULB9163	VULB 9163-289	Oct. 23, 2022	1 Year
3.	Pre-amplifier	SONOMA	310N	186860	Oct. 23, 2022	1 Year
4. Anb	Software Name EZ-EMC	Ferrari Technology	ANB-03A	N/A N/A	N/A botek	N/A
5.	EMI Preamplifier	SKET Electronic	LNPA-0118G- 45	SKET-PA-0 02	Oct. 13, 2022	1 Year
6.	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	Oct. 16, 2022	3 Year

1.7. Measurement Uncertainty

Radiation	•	Ur = 4.46 dB (Horizontal)
Uncertainty(30MHz-1GHz)	:	Ur = 5.04 dB (Vertical)
Radiation	:	Ur = 4.92 dB (Horizontal)
Uncertainty(1GHz-6GHz)	:	Ur = 4.92 dB (Vertical)
Conduction Uncertainty	:	Uc = 3.4 dB
Disturbance Uncertainty	:	Ud = 3.4 dB

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Anbotek Product Safety

Report No.:18240EC30000801

1.8. Description of Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

FCC-Registration No.: 184111

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No. 184111.

ISED-Registration No.: 8058A

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (ISED) Innovation, Science and Economic Development Canada. The acceptance letter from the ISED is maintained in our files. Registration 8058A.

Test Location

Shenzhen Anbotek Compliance Laboratory Limited. 1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.518128

Shenzhen Anbotek Compliance Laboratory Limited

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Page 7 of 23

Page 8 of 23

2. Power Line Conducted Emission Test

2.1. Test Standard and Limit

Test Standard:	FCC 47 CFR Part 15 Subpart B	Anbotek	Anbon	Annobote

Limits for conducted emission at the AC mains power ports of Class A equipment

Limits (dBµV)					
Quasi-peak Level			Average Level		
79.0	Anbotek	Anbor	66.0	Anboten	
73.0	Anbotek	Anbor	60.0	Anbot	
	79.0	79.0	79.0	79.0 66.0	

Remark: The lower limit shall apply at the transition frequencies.

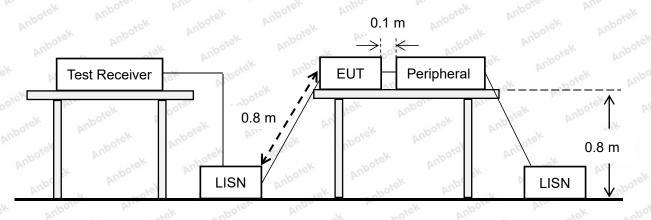
☑ Limits for conducted emission at the AC mains power ports of Class B equipment

- (111)	Limits (dBµV)				
Frequency (MHz)	Quasi-peak Level	Average Level			
0.15 ~ 0.50	66.0 ~ 56.0 *	56.0 ~ 46.0 *			
0.50 ~ 5.00	56.0	46.0			
5.00 ~ 30.00	60.0	50.0 Market			

Remark:

- (1) The lower limit shall apply at the transition frequencies.
- (2) The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.50MHz.

2.2. Test Setup



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2.3. Test Procedure

Anbotek Product Safety

The table-top EUT is placed on a non-conductive table 0.8 m above the horizontal ground reference plane, and the back of the EUT is 0.4 m away from the vertical ground reference plane, and at least 0.8 m from any other metal surface or ground plane. The floor-standing EUT is placed on an insulating support 0.1 m above the horizontal ground reference plate, at least 0.8 m away from other metal objects.

Connect EUT to the power mains through an LISN. Where the mains cable supplied by the manufacturer is longer than 1 m, the excess should be folded at the center into a bundle no longer than 0.4 m, so that its length is shortened to 1 m. All the peripherals are connecting to the other LISN.

The initial testing identified the frequency that has the highest disturbance relative to the limit while operating the EUT in typical modes of operation and cable positions in a test setup representative of typical system configuration.

The identification of the frequency of highest disturbance with respect to the limit was found by investigating disturbances at a number of significant frequencies. The probable frequency of maximum disturbance had been found and that the associated cable and EUT configuration and mode of operation had been identified.

Set the test-receiver to quasi peak detect function and average detect function, and to measure the conducted emissions values.

2.4. Test Results

PASS

The test curves are shown in the following pages.

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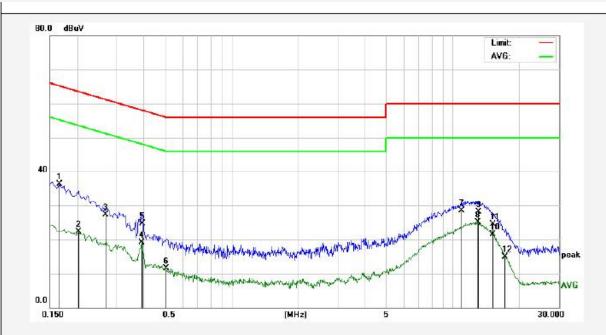


Page 9 of 23



Power Line Conducted Test Data

Test Site: Test Specification: Comment: 1# Shielded Room DC 5V via adapter Live Line Temp.: 22.8℃ Hum.: 51%



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.1660	26.72	9.58	36.30	65.15	-28.85	QP	
2	0.2020	12.65	9.57	22.22	53.52	-31.30	AVG	
3	0.2700	17.55	9.70	27.25	61.12	-33.87	QP	
4	0.3899	9.34	9.76	19.10	48.06	-28.96	AVG	
5	0.3940	14.87	9.76	24.63	57.98	-33.35	QP	
6	0.5060	1.70	9.84	11.54	46.00	-34.46	AVG	
7	10.9339	18.60	9.85	28.45	60.00	-31.55	QP	
8	12.8698	15.25	9.92	25.17	50.00	-24.83	AVG	
9	13.0219	18.15	9.93	28.08	60.00	-31.92	QP	
10	15.0619	11.43	9.99	21.42	50.00	-28.58	AVG	
11	15.0819	14.47	9.99	24.46	60.00	-35.54	QP	
12	17.1459	4.95	10.04	14.99	50.00	-35.01	AVG	

Note:

Result = Reading + Factor Over Limit = Result - Limit

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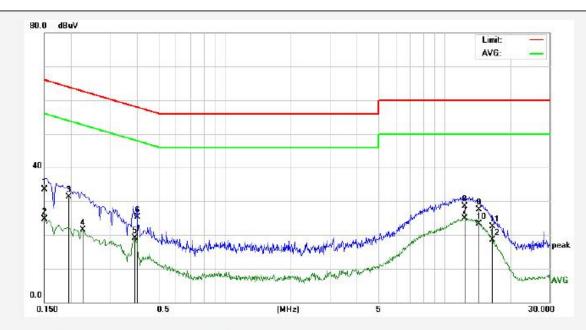




Power Line Conducted Test Data

Test Site:
Test Specification:
Comment:

1# Shielded Room DC 5V via adapter Neutral Line Temp.: 22.8℃ Hum.: 51%



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.1500	23.87	9.58	33.45	65.99	-32.54	QP	
2	0.1500	15.21	9.58	24.79	55.99	-31.20	AVG	
3	0.1940	21.71	9.57	31.28	63.86	-32.58	QP	
4	0.2260	11.86	9.61	21.47	52.59	-31.12	AVG	
5	0.3899	9.29	9.76	19.05	48.06	-29.01	AVG	
6	0.3980	15.45	9.76	25.21	57.89	-32.68	QP	
7	12.2980	15.06	9.89	24.95	50.00	-25.05	AVG	
8	12.3380	18.59	9.89	28.48	60.00	-31.52	QP	
9	14.3980	17.49	9.97	27.46	60.00	-32.54	QP	
10	14.3980	13.37	9.97	23.34	50.00	-26.66	AVG	
11	16.4860	12.56	10.03	22.59	60.00	-37.41	QP	
12	16.4860	8.55	10.03	18.58	50.00	-31.42	AVG	

Note:

Result = Reading + Factor

Over Limit = Result - Limit

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Page 11 of 23

Page 12 of 23

3. Radiated Emission Test (Below 1 GHz)

3.1. Test Standard and Limit

Test Standard	FCC 47 CFR Part 15 Subpart B	Anbotek	Anbor	An

Limit for radiated emissions at frequencies up to 1 GHz for class A equipment

	Frequency	DISTANCE	FIELD STRENGTHS LIMIT		
	(MHz)	(Meters)	μV/m	(dBµV/m)	
Test Limit	30 ~ 88	at hot 3 Anbote	300	49.5	
	88 ~ 216	Ann 3 tek Anb	500	54.0	
	216 ~ 960	poter Ang otek	700	56.9	
	960 ~ 1000	Anboten 3nbo	1000	60.0	

Remark: (1) Emission level (dB) μ V = 20 log Emission level μ V/m

- (2) The smaller limit shall apply at the cross point between two frequency bands.
- (3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

☑ Limit for radiated emissions at frequencies up to 1 GHz for class B equipment

1.94	-0°	1-0 ¹	201	~~~~~	
	Frequency	DISTANCE	FIELD STRENGTHS LIMIT		
	(MHz)	(Meters)	μV/m	(dBµV/m)	
Test Limit	30 ~ 88	And 3 tek	^{ek} 100, n ^{b01}	40	
	88 ~ 216	optek And3	ootex 150 pri	43.5	
	216 ~ 960	anbotek p3port A	200	46 M	
	960 ~ 1000	botek 3 Anbote	500	54	

Remark: (1) Emission level (dB) μ V = 20 log Emission level μ V/m

- (2) The smaller limit shall apply at the cross point between two frequency bands.
- (3) Distance is the distance in meters between the measuring instrument, antenna and the
- closest point of any part of the device or system.

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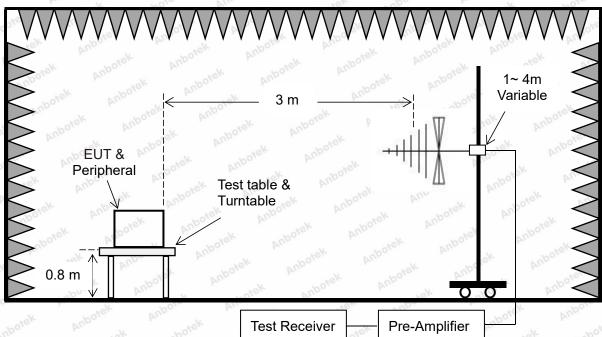
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com





Page 13 of 23

3.2. Test Setup



3.3. Test Procedure

The table-top EUT is placed on a non-conductive table 0.8 m above the horizontal ground reference plane. The floor-standing EUT is placed on an insulating support 0.1 m above the horizontal ground reference plane.

The EUT was set 3 m away from the receiving antenna that was mounted on a non-conductive mast. The antenna can move up and down between 1 to 4 m to find out the maximum emission level.

The turntable can rotate 360 degree to determine the position of the maximum emission level.

The initial testing identified the frequency that has the highest disturbance relative to the limit while operating the EUT in typical modes of operation and cable positions in a test setup representative of typical system configuration.

The identification of the frequency of highest emission with respect to the limit was found by investigating emissions at a number of significant frequencies. The probable frequency of maximum emission had been found and that the associated cable and EUT configuration and mode of operation had been identified.

The bandwidth of the Receiver is set at 120 kHz.

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Page 14 of 23

- 3.4. Test Results
 - PASS
 - The test curves are shown in the following pages.

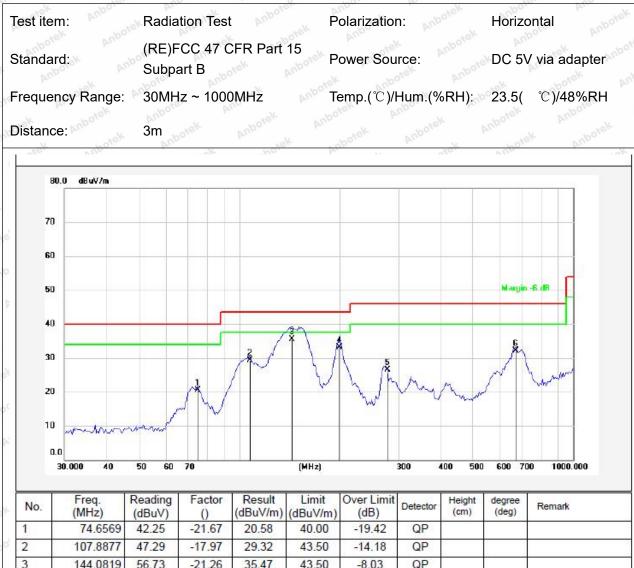
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Page 15 of 23



1	Note:	Resi	ult= Rea	ding + Fa	actor (Over Limi	t=Result-	Limit			
ſ		india. N	02	×	No.	. vo	h		-0 ¹⁰	0.0-	
	6	674.0252	39.83	-7.63	32.20	46.00	-13.80	QP			
	5	275.6399	42.00	-15.45	26.55	46.00	-19.45	QP			
	4	199.2855	51.34	-18.22	33.12	43.50	-10.38	QP			
	3	144.0819	56.73	-21.26	35.47	43.50	-8.03	QP			
	2	107.8877	47.29	-17.97	29.32	43.50	-14.18	QP			
	100				10/10/10 (RE 1941)	Contraction of the second s	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	16.00			

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30

20

10

0.0 30.000

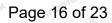
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40

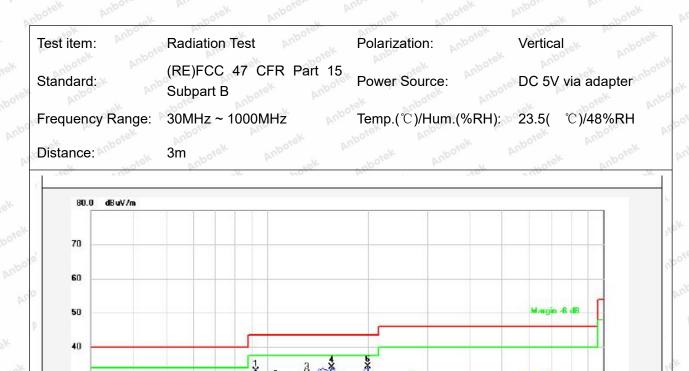
70

60

Report No.:18240EC30000801



1000.000



No.	Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	92.1388	50.91	-18.03	32.88	43.50	-10.62	QP			
2	106.0126	47.56	-17.73	29.83	43.50	-13.67	QP			
3	131.9889	53.05	-20.92	32.13	43.50	-11.37	QP			
1	155.9100	54.82	-20.77	34.05	43.50	-9.45	QP			
5	170.1947	48.80	-19.93	28.87	43.50	-14.63	QP			
ò	199.2855	52.58	-18.22	34.36	43.50	-9.14	QP			

(MHz)

300

400

500

600 700

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Page 17 of 23

4. Radiated Emission Test (Above 1GHz)

4.1. Test Standard and Limit

Test Standard	FCC 47 CFR Part 15 Subpart B	Anbotek	Anbor	A.

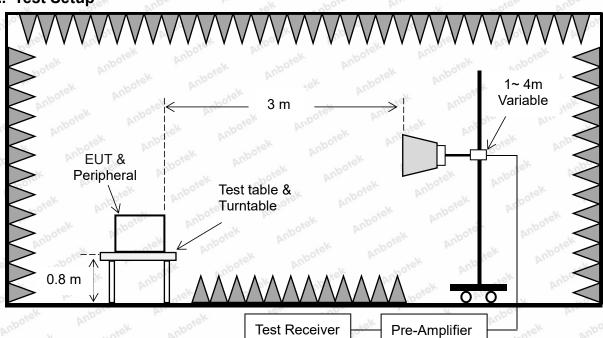
Limit for radiated emissions at frequencies above 1 GHz for class A equipment

Frequency	Distance	Field Strengths	s Limit (dBμV/m)		
(MHz)	(MHz) (Meters)		Average		
1000 ~ 6000	Anbote 3 Ant botek	79.5	59.5 March 59.5		
Remark: N/A	Anbore Am	ek Anbotek Anbo	stek unbotek Anbot		

□ Limit for ra	adiated emissions	at frequencies	above 1 Gl	Hz for class B	equipment
		s at nequeneies			equipment

Frequency	Distance		Field Strengths Limit (dBµV/m)						
(MHz)	(Meters)	Peak			Average			
1000 ~ 6000	1000 ~ 6000 3		Anbu	74	Anbotek	Anbo	54	An	
Remark: N/A	tek nbotek	Anborn	An An	hotek	Anbo	lek pr	pol	pursono	

4.2. Test Setup



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4.3. Test Procedure

The table-top EUT is placed on a non-conductive table 0.8 m above the horizontal ground reference plane. The floor-standing EUT is placed on an insulating support 0.1 m above the horizontal ground reference plane.

The EUT was set 3 m away from the receiving antenna that was mounted on a non-conductive mast. The antenna can move up and down between 1 to 4 m to find out the maximum emission level.

The turntable can rotate 360 degree to determine the position of the maximum emission level.

The initial testing identified the frequency that has the highest disturbance relative to the limit while operating the EUT in typical modes of operation and cable positions in a test setup representative of typical system configuration.

The identification of the frequency of highest emission with respect to the limit was found by investigating emissions at a number of significant frequencies. The probable frequency of maximum emission had been found and that the associated cable and EUT configuration and mode of operation had been identified.

The test receiver is set to peak and average detects function.

The bandwidth of the test receiver is set at 1MHz.

4.4. Test Results

Not applicable.

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Page 18 of 23



Page 19 of 23

APPENDIX I -- TEST SETUP PHOTOGRAPH

Photo of Power Line Conducted Emission Test

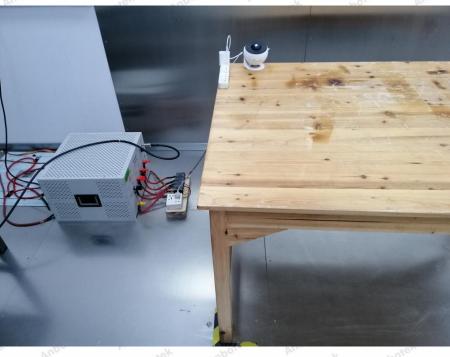


Photo of Radiated Emission Test (Below 1 GHz)



Shenzhen Anbotek Compliance Laboratory Limited

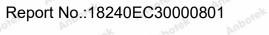
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com





Page 20 of 23

APPENDIX II -- EXTERNAL PHOTOGRAPH





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Page 21 of 23



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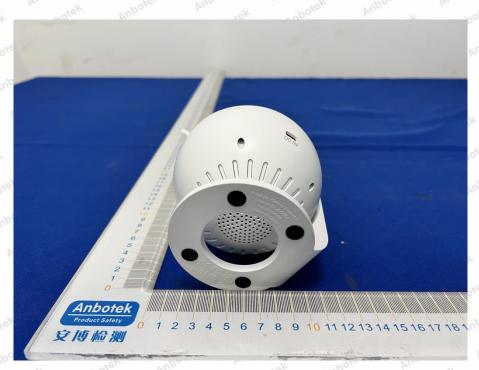
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86) 0755–26066440 Fax:(86) 0755–26014772 Email:service@anbotek.com





Page 22 of 23





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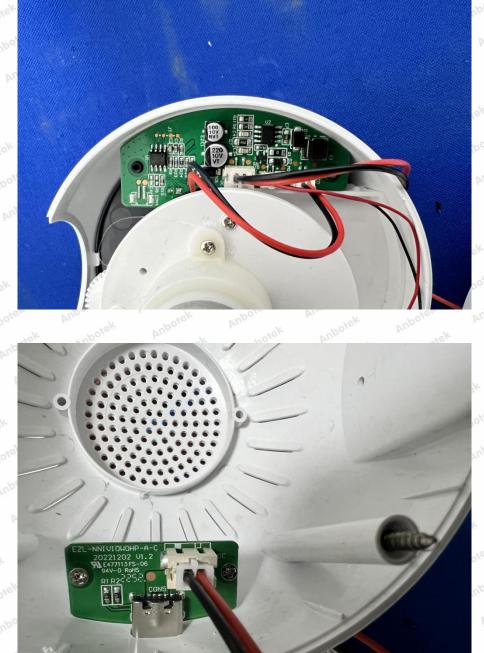






APPENDIX III -- INTERNAL PHOTOGRAPH

Report No.:18240EC30000801



- End of Report

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Federal Commu nications Commission Registration Number: 184111

Proof of Compliance under FCC Supplier's Declaration of Conformity

Applicant:

Equipment Under Test:

Reference Model No.:

Test Model No.:

Trade Name: Power Supply:

File Number:

Test Standard(s):

Report Number:

Shenzhen Bolong Technology Co., Ltd.

Room 415, 4th Floor, Building A, Youth Pioneer Park , Jianshe East Road, Tsinghua Community, Longhua Street, Longhua District, Shenzhen City, China

Galaxy Projector

BL-DQY02

N.A.

N.A.

Power Input: DC 5V 2A Maximun Output Power: 10W FCC 47 CFR Part 15 Subpart B: 2022

AT18240EC300008

18240EC30000801

Is here with confirmed to comply with the requirements set out in the FCC 47 CFR Part 15 Subpart B and CISPR PUB. 22 and the measurement procedures were according to ANSI C63.4-2014. This said equipment in the configuration described in this report shows the maximum emission levels emanating from equipment are within the compliance requirements. The test results of this report relate only to the tested sample identified in this report.



Certified by



KingKong Jin

Shenzhen Anbotek Compliance Laboratory Limited

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Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.518128
Tel: (86)755-26066440Tel: (86)755-26066440Fax: (86)755-26014772
Email: service@anbotek.com





Report No.: 18300RC30011701

Test Report

Client Name : Shenzhen Bolong Technology Co., Ltd.

Client Address

Room 415, 4th Floor, Building A, Youth Pioneer Park , Jianshe East Road, Tsinghua Community, Longhua Street, Longhua District, Shenzhen City, China

Product Name : Galaxy Projector

Report Date : Jan. 17, 2023



Shenzhen Anbotek Compliance Laboratory Limited

Shenzhen Anbotek Compliance Laboratory Limited

Address:East of 4/F.,Building A, Hourui No.3 Industrial Zone, Xixiang Street, Bao'an District, Shenzhen,Guangdong,China Tel:(86) 0755–26066126 Fax:(86) 0755–26066021 Email:service@anbotek.com





Report No.: 18300RC30011701Date: Jan. 17, 2023Page 1 of 20Applicant: Shenzhen Bolong Technology Co., Ltd.

Address

Anbotek Product Safety

> Room 415, 4th Floor, Building A, Youth Pioneer Park , Jianshe East Road, Tsinghua Community, Longhua Street, Longhua District, Shenzhen City, China

The submitted sample and sample information was/were submitted and identified by/on the behalf
of the clientSample Name:Galaxy ProjectorTest Model No.:BL-DQY02Country of Destination:EuropeSample Received Date:Jan. 06, 2023Testing Period:Jan. 09, 2023 to Jan. 17, 2023

Test Requested

As specified by client, to test the Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyl(PBBs), Polybrominated Diphenyl Ethers (PBDEs), Diisobutyl phthalate (DIBP), Dibutyl phthalate(DBP), Benzyl butyl phthalate(BBP), Di-2-ethylhexyl phthalate(DEHP) in the selected material of the submitted sample in accordance with the RoHS Directive 2011/65/EU and amendment Commission Delegated Directive (EU) 2015/863 with effective from 22 July 2019.

Test Method: Please refer to the following page(s).

Test Result(s): Please refer to the following page(s).

Berul Edited by

Reviewed by UN

Shenzhen Anbotek Compliance Laboratory Limited

Address:East of 4/F.,Building A, Hourui No.3 Industrial Zone, Xixiang Street, Bao'an District, Shenzhen,Guangdong,China Tel:(86) 0755–26066126 Fax:(86) 0755–26066021 Email:service@anbotek.com AB-RHS-03-b

Hotline 400-003-0500

www.anbotek.com.cn

Authorized Signatory



Test Report

Report No.: 18300RC30011701

Date: Jan. 17, 2023

Page 2 of 20

Test Method:

A. XRF Screening Test

XRF screening limits in mg/kg for regulated elements according to IEC 62321-3-1:2013.

- Constant	Limit of IEC 62321-3-1:2013 Unit (mg/kg)					
Element	Polymers	Metals	Composite material			
Cd	BL≤(70-3σ) <x <(130+3σ)≤ol<="" td=""><td>BL≤(70-3σ) <x <(130+3σ)≤ol<="" td=""><td>LOD<x <(150+3σ)≤ol<="" td=""></x></td></x></td></x>	BL≤(70-3σ) <x <(130+3σ)≤ol<="" td=""><td>LOD<x <(150+3σ)≤ol<="" td=""></x></td></x>	LOD <x <(150+3σ)≤ol<="" td=""></x>			
Pb	BL≤(700-3σ) <x <(1300+3σ)≤OL</x 	BL≤(700-3σ) <x <(1300+3σ)≤OL</x 	BL≤(500-3σ) <x <(1500+3σ)≤OL</x 			
Hg	BL≤(700-3σ)<Χ <(1300+3σ)≤OL	BL≤(700-3σ) <x <(1300+3σ)≤OL</x 	BL≤(500-3σ)<Χ <(1500+3σ)≤OL			
Br	BL≤(300-3σ)< X	N.A.	BL≤(250-3σ)< X			
Cr	BL≤(700-3σ)< X	BL≤(700-3σ)< X	BL≤(500-3σ)< X			

Note:

-N.A. = Not Applicable

-BL = Under the XRF screening limit

-OL = Further chemical test will be conducted while result is above the screening limit

-X= The symbol "X" marks the region where further investigation is necessary

 -3σ = The reproducibility of analytical instruments

-LOD= Detection limit

B. Chemical Test

Test Item(s)	Test Method	Measured Equipment(s)	MDL	Limit
Lead (Pb)	IEC 62321-5:2013	Arother and	2 mg/kg	1000 mg/kg
Cadmium (Cd)	IEC 62321-5:2013	ICP-OES	2 mg/kg	100 mg/kg
Mercury (Hg)	IEC 62321-4:2013+AMD1:2017	Anotak	2 mg/kg	1000 mg/kg
lovevelopt Chromium Cr() (I)	IEC 62321-7-1:2015		0.10µg/cm ²	Arna work
Hexavalent Chromium Cr(VI)	IEC 62321-7-2:2017	UV-VIS	8 mg/kg	1000 mg/kg
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	Amboliek An	5 mg/kg	1000 mg/kg
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS	5 mg/kg	1000 mg/kg
Phthalates (DIBP, DBP, BBP, DEHP)	IEC 62321-8:2017	otok pribotek	50 mg/kg	1000 mg/kg
Phthalates	IEC 62321-8:2017	otok Anborek	50 mg/kg	10

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Test Report

Report No.: 18300RC30011701 Date: Jan. 17, 2023 Page 3 of 20

Test Results:

Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
19 ¹⁰	shotak Anbr	Pb	BL	and Vetodo	our true
	Ant wotok A	Cd	BL MAD	1.44	nboten Ant
	Ano Lotek	Hg	BL proto	All Latet	anbotek
	Anton Anton	Cr(Cr(VI))	BL	1	ophoteli
1 1	Black plastic shell	Br(PBBs&PBDEs)	BL	botes / Anos	PASS
	interest Shell Antions	DBP	N.A.	N.D.	with whom
	sobolek Anbo	BBP	N.A.	N.D.	ar par
	p. abotak As	DEHP	N.A.	N.D.	ipoto pro
	A hotels	DIBP	N.A.	N.D.	Anboton
probat	N wolek	Pb	BL MO	a I worker	Anbolet
	oten knor untek	Cd	BL	por land unter	Anbolak
	abaten Ano	Hg	BL	Anbolic / Anto	ek knonel
	Anboren Anbor	Cr(Cr(VI))	BL	anborer Anto	
2	White plastic shell	Br(PBBs&PBDEs)	BL BL	handor A	PASS
	Shell	DBP	N.A.	N.D.	Anborn P
	and antionet	BBP	N.A.	N.D.	phone k
	welk shotek	DEHP	N.A.	N.D.	photon
	None Phil	DIBP	N.A.	N.D.	et Anboter
potek	politic Ann	Pb	BL sole	Anbois / Am	stek anbr
	Aupoten Aut	Cd	And BL Hotek	Aupord An	and the second
	Anboten	Hg	BL	t anYour	pinbu siek
		Cr(Cr(VI))	BL BL	stell Instation	Anbo
3 Astro		Br(PBBs&PBDEs)	BL	stok / subolek	PASS
3 ⁴ ¹⁴		DBP	N.A.	N.D.	it prototo
		BBP	N.A.	N.D.	orden public
	Anibotok Anib	DEHP	N.A.	N.D.	motok pr
	Anboth	DIBP	N.A.	N.D.	un atok

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Test Report

Report No.: 18300RC30011701 Date: Jan. 17, 2023 Page 4 of 20

Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
	kobotek Anbor	Pb	BL	anbotek / Anboa	all anoth
	abotek Anbr	Cd	BL	stootal Ant	oto prov
	potek A	Hg	BL PART	J. A.	nbolen Ani
	Artis Lotek	Cr(Cr(VI))	BL price	and I worked	Anbotes
4,500	White plastic	Br(PBBs&PBDEs)	BL	1 Net	PASS
	port	DBP	N.A.	N.D.	habotek
	unbotek pinbo	BBP	N.A.	N.D.	well subote
	Anbotek Anbo	DEHP	N.A.	N.D.	alt and
	-nbotok Ar	DIBP	N.A.	N.D.	how but
Anbo	6 abotek	Pb	Supported BL Market	at Jootek	Puppor
	stell subotell	Cd	BL	at I potek	Anboten
	of point worker	Hg	BL	at I moret	Anbolan
	nboter Anu	Cr(Cr(VI))	X	Negative	lek anbotel
5	Silvery metal	Br(PBBs&PBDEs)	N.A.	pupperer / pup	PASS
	shell	DBP	N.A.	hinbolo A	John Mark
	Anbotek	BBP	N.A.	× Johen	Aupor P
	tot suborek	DEHP	N.A.	stok Inbotok	Anbore
	well obotek	DIBP	N.A.	sek / subotek	photon
ster p	Hotek Anboli	Pb	BL	tothe 1 they	ex pripore
	Anbotek Anbon	Cd	BL and	Andon I	notek Anbo
	Aupons Au	Hg	BL BL	Anboy A	water as
	Anboter	Cr(Cr(VI))	BL	Proton	Anu
6	White plastic shell	Br(PBBs&PBDEs)	BL	stek Inbolius	PASS
6 Anbr	Stiell	DBP	N.A.	N.D.	binbo.
	otek kobote	BBP	N.A.	N.D.	the propose
	Anbo hotek Anb	DEHP	N.A.	N.D.	otek pubol
	Autoria Auto	DIBP	N.A.	N.D.	hotek an

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Test Report

Report No.: 18300RC30011701 Date: Jan. 17, 2023 Page 5 of 20

Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
Jel-	cobotek Anbor	Pb	BL	anapotek / Anapote	AL MON
	abotek Anb	Cd	BL	and Vetage	oter por
	abotek p	Hg	BL Property of	I ak	nbole. An
	A CH - hotek	Cr(Cr(VI))	BL MAR	at I worket	Anbotes
7 photos	Silvery metal	Br(PBBs&PBDEs)	N.A.	1	PASS
	shell	DBP	N.A.	hore / Arre rel	-nbotek
	intootek Antoo	BBP	N.A.	Anboren / Ano	well sobote
	Anbotek Anbo	DEHP	N.A.	Anboten/ Anb	at at
	sobotek Al	DIBP	N.A.	and den p	hour bri
And	6 botek	Pb	Antone BL Anton	at Lootek	Pupo
	with participation	Cd	BL	at I potek	Anbotan
	ofter point	Hg	BL	and I monet	Anbolan
	nboter Anu	Cr(Cr(VI))	X	N.D.	iek anbote
8	Inductor	Br(PBBs&PBDEs)	BL	Aupone / Aue	PASS
	Anbohen In	DBP	N.A.	N.D.	Job Mark
	sobotek.	BBP	N.A.	N.D.	Anbor P
	tot publick	DEHP	N.A.	N.D.	Andone
	well sobotely	DIBP	N.A.	N.D.	photo
sie b	shotek Anbol	Pb	BL	totte 1 they	ex pupping
	Anbotek Anbu	Cd	BL above	Andon /	intek Anbo
	Anboro An	Hg sone	BL BL	Aupor A	hotely by
	Puppolo.	Cr(Cr(VI))	BL	pri Pore	Anu
9	e IC eren	Br(PBBs&PBDEs)	BL	net Inboto	PASS
9 Anbr	otek protek	DBP	N.A.	N.D.	Anbo, och
	Lotek knbote	BBP	N.A.	N.D.	it knoon
	Anbor Anb	DEHP	N.A.	N.D.	iotels public
	Augoria Maria	DIBP	N.A.	N.D.	hotek an

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Test Report

Date: Jan. 17, 2023 Report No.: 18300RC30011701 Page 6 of 20

Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
. de	kobotek Anboy	Pb	BL	anbotek / kaboa	with mote
	anbotek Anbr	Cd	BL	and Verage	oter hore
	abotek A	Hg	Supporter BL Property	I ak	nboton Ans
	A Di Landiek	Cr(Cr(VI))	BL MAR	at I worket	Anboten
10	Black plastic	Br(PBBs&PBDEs)	BL	1	PASS
	jacket	DBP	N.A.	N.D.	knbotek.
	unbotes pubu	BBP	N.A.	N.D.	rely intotol
	Anbotek Anbo	DEHP	N.A.	N.D.	n peri selt sta
	sobotek Ar	DIBP	N.A.	N.D.	abon por
Anbo	6 sobotek	Pb	Annoter BL Annoter	at Jootak	Puppon b
	with postely	Cd	BL	ak / potek	Anboten
	at part worker	Hg	BL	I worker	Anbolan
	inbola Any	Cr(Cr(VI))	BL	probating / All	lek unbotek
11	Red plastic	Br(PBBs&PBDEs)	BL	Aupona / Auro	PASS
	jacket	DBP	N.A.	N.D.	and the
	Anbotek	BBP	N.A.	N.D.	Ambor B
	tet pribotek	DEHP	N.A.	N.D.	Andraw
	welk obotek	DIBP	N.A.	N.D.	photo
oten p	Hotek Anboli	Pb	BL	tother I dealer	ex pupor
	Anbotek Anbon	Cd	BL obeles	Ando I	ptek Anbol
	Aupon Au	Hg	BL BL	Aupor A	notek an
	O'I AND AND AND AND	Cr(Cr(VI))	BL BL	Antona	AP" solek
12	Silvery metal soldering tin	Br(PBBs&PBDEs)	N.A.	nek Inboto	PASS
Anbo	soldering tin	DBP	N.A.	Lotok / Anboter	Anber
	whet intoto	BBP	N.A.	natek / Antool	M Kupor
	And hotek And	DEHP	N.A.	have I had	otek Anbor
	Anibo alt	DIBP	N.A.	And I we	hotek pri

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Test Report

Date: Jan. 17, 2023 Report No.: 18300RC30011701 Page 7 of 20

Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
	entrotek Anbo	Pb	BL	anbotek / kabo	in the second
	abotak pob	Cd	BL	and Vetage	one prine
	abotek p	Hg	BL PART	J. A.K.	nbolen An
	k hotek	Cr(Cr(VI))	BL and	at I worket	Anbotes
13	White LED	Br(PBBs&PBDEs)	X	N.D.	PASS
	ofen pribe	DBP	N.A.	N.D.	s obotek
	inbotek photo	BBP	N.A.	N.D.	welt wabott
	Anbotek Anbo	DEHP	N.A.	N.D.	ar peri
	sobotek A	DIBP	N.A.	N.D.	por por
Anbo	6 abotels	Pb	Annoter BL Annoter	at Jootek	Puppor
	dek kobolek	Cd	BL	at I potek	Anbotat
	or prover	Hg	BL	at I moret	Anbolan
	aboter Any	Cr(Cr(VI))	BL	pribote / Atte	lek anbote
14	Green PCB	Br(PBBs&PBDEs)	Х	N.D.	PASS
	board	DBP	N.A.	N.D.	and the
	Anbotek	BBP	N.A.	N.D.	Aupo, eak
	with worth	DEHP	N.A.	N.D.	Anborn
	well sobotel	DIBP	N.A.	N.D.	phono
oten p	hotelt Anbol	Pb	BL	totte 1 they	ex proofe
	Anbotek Anbo	Cd	BL and	Andon I	notek Anbo
	Anbors An	Hg work	BL BL	Anboy A	workey a
	pripoler	Cr(Cr(VI))	BL sold	Proton	Anu
15	Yellow LED	Br(PBBs&PBDEs)	BL	her Innotes	PASS
10 April	untek knbotek	DBP	N.A.	N.D.	puppo, and
	atek kabote	BBP	N.A.	N.D.	of Antione
	Anbor Ant	DEHP	N.A.	N.D.	otek pribo
	Anboros An	DIBP	N.A.	N.D.	motel pr

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Test Report

Report No.: 18300RC30011701 Date: Jan. 17, 2023 Page 8 of 20

Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
- Kolt	kobotek Anboli	Pb	BL	antipotet / Antipot	int not
	anbotek Anbo	Cd	BL	and Vetage	pro prov
	potek A	Hg	BL PART	. I ak	nbolen An
	Arrive Latek	Cr(Cr(VI))	BL Price	and I worked	anboten
16	White PCB	Br(PBBs&PBDEs)	X	N.D.	PASS
	board	DBP	N.A.	N.D.	- abotek
	intootek pintoo	BBP	N.A.	N.D.	ret into
	Anbolek Anbo	DEHP	N.A.	N.D.	alt at
	entrotels Ar	DIBP	N.A.	N.D.	above por
And	6botek	Pb	And BL MONT	at Lootek	Aupon
	with potek	Cd	BL	at I potek	Anboren
	of how worked	Hg	BL	and I monet	Anbolan
	nbote Am	Cr(Cr(VI))	BL	probation / Alter	lek anbote
17	Transparent	Br(PBBs&PBDEs)	BL	Aupone / Aue	PASS
	glass	DBP	N.A.	N.D.	100
	Anbotek	BBP	N.A.	N.D.	Aupo, wek
	tex mbotek	DEHP	N.A.	N.D.	Anbore
	sek sobotek	DIBP	N.A.	N.D.	phone
of all A	tootek photole	Pb	BL	totte 1 they	ex pupping
	Antone Anton	Cd	BL and BL	Andon /	totel Anb
	Anbors An-	Hg	BL BL	Aupor A	workey.
	Anboter	Cr(Cr(VI))	BL	pri Pore	And
18	White plastic wire sleeve	Br(PBBs&PBDEs)	BL	their Inhotes	PASS
Anipo	wire sieeve	DBP	N.A.	N.D.	puppor and
	otek unbote	BBP	N.A.	N.D.	a pubor
	Anbu hotek Anb	DEHP	N.A.	N.D.	otek pribo
	Anbor An	DIBP	N.A.	N.D.	notek M

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Test Report

Report No.: 18300RC30011701 Date: Jan. 17, 2023 Page 9 of 20

Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
and the	kobotek Anbo	Pb	BL	antiotek / kobo	with mote
	anbotek Anb	Cd	BL	dina Vetodo	bur bur
	abotok P	Hg	Antonia BL Propu	plak 1	upoto. Any
	All the second	Cr(Cr(VI))	BL MAR	Ju I watoff	Anbolen A
19	White plastic	Br(PBBs&PBDEs)	BL	1 Notes	PASS
	scarfskin	DBP	N.A.	N.D.	- abotek
	intootels Anibo	BBP	N.A.	N.D.	rek intotol
	Anbotek Anbo	DEHP	N.A.	N.D.	alt del
	-nbotok A	DIBP	N.A.	N.D.	abon por
Anbo	6 abotek	Pb	Antone BL Anton	at Joolak	Puppor P
	stek snbotek	Cd	BL	at I motel	Anboten
	ofter point workelt	Hg	BL	I work	anbolan
	nbote Anu	Cr(Cr(VI))	BL	pribote / Atte	rek knibotek
20	Silvery metal	Br(PBBs&PBDEs)	N.A.	unbone / pre	PASS
	shell	DBP	N.A.	Antopart A	ant the
	Nobotek.	BBP	N.A.	* Johen	AUPO, P
	tot suborek	DEHP	N.A.	sol- Inbotok	proport
	welk sobotelt	DIBP	N.A.	and I shoken	Anboro
olein p	Non Heren	Pb	BLot	interest in the second	ex pupore
	Anbotek Anbot	Cd	BL and she	Anibo I	ptex Anbol
	Anbois An	Hg	BL BL	Aupor/	worek an
	Anbolen	Cr(Cr(VI))	X	Negative	Anutatek
21	Silvery metal shell	Br(PBBs&PBDEs)	N.A.	net Issole	PASS
Anthe	Sriell	DBP	N.A.	Lotek / Anbolek	Antro
	otek unbote	BBP	N.A.	ntek / unboh	K Anborn
	Anbor Anb	DEHP	N.A.	have at the	otek pubot
	Anbore All	DIBP	N.A.	Andre I we	hotek phi

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 Report No.: 18300RC30011701
 Date: Jan. 17, 2023
 Page 10 of 20

Sample No.	Sample Description	Tested Items	XRF Screening Test Unit (mg/kg)	Chemical Test Unit (mg/kg)	Conclusion
delt.	kobotek Anbo	Pb	BL	Antotok / Anton	with whoth
	anbotak anb	Cd	BL	dina Vetodo	one por
	abotek P	Hg	Kohoren BL Propu	Jok I	nboto. An
	A - wotek	Cr(Cr(VI))	BL Parts	at Inotot	Anbotes
22	Transparent	Br(PBBs&PBDEs)	BL	1 Notes	PASS
	plastic block	DBP	N.A.	N.D.	-nbotek
	unbotek pinbo	BBP	N.A.	N.D.	well whote
	Anbolek Anbo	DEHP	N.A.	N.D.	er pr
	sobotek Al	DIBP	N.A.	N.D.	abon An
Anbo	6 subotels	Pb	Andore BL And	A lootek	Pupor P
	with worker	Cd	BL	at I potek	Anboton
	at point	Hg	BL	in I work	Anbolan
	nboter Any	Cr(Cr(VI))	BL	probatic / All	rek unbotel
23	Black glass	Br(PBBs&PBDEs)	BL	pupponer / pup	PASS
	sheet	DBP	N.A.	N.D.	Job Hole
	hobotek	BBP	N.A.	N.D.	Anbo, with
	tok stbotek	DEHP	N.A.	N.D.	Anborn
	welk stortek	DIBP	N.A.	N.D.	photon

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Report No.: 18300RC30011701

Date: Jan. 17, 2023

Page 11 of 20

Note:

Anbotek Product Safety

- The screening results are only used for reference.

When conducting the test for PBBs&PBDEs, XRF was introduced to screen Br Exclusively; When conducting the test for Hexavalent Chromium, XRF was introduced to screen Chromium exclusively.
 BL = Under the XRF screening limit

-OL = Further chemical test will be conducted while result is above the screening limit

-X= The symbol "X" marks the region where further investigation is necessary

-LOD= Detection limit

-MDL = Method Detection Limit

-N.A. = Not Applicable

-N.D. = Not Detected (<MDL)

-/=Not tested

-1mg/kg = 1ppm = 0.0001%

- µg/cm² = microgramme per square centimetre

a. -Negative = Absence of Cr(VI), the detected Cr(VI) concentration in the boiling water extraction solution is less than $0.10\mu g/cm^2$.

b. -Positive = Presence of Cr(VI), the detected Cr(VI) concentration in the boiling water extraction solution is equal to or greater than $0.13\mu g/cm^2$.

c. The result is between $0.10\mu g/cm^2$ with $0.13\mu g/cm^2$ is considered to be inconclusive-unavoidable coating variations may influence the determination.

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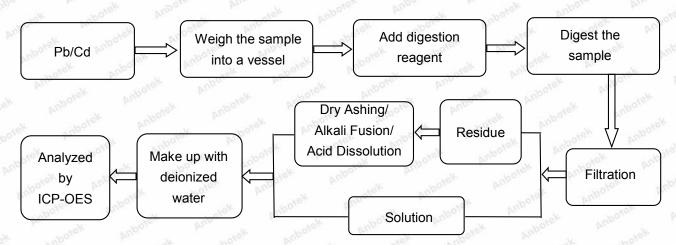




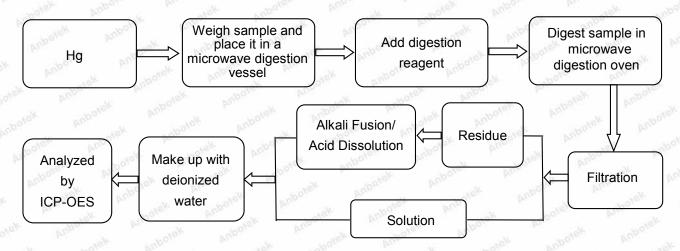
Report No.: 18300RC30011701 Date: Jan. 17, 2023 Page 12 of 20

Test Process:

IEC 62321-5:2013



◆ IEC 62321-4:2013+AMD1:2017



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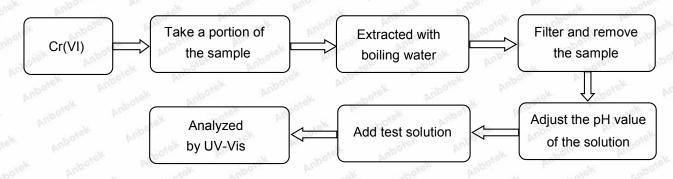


Report No.: 18300RC30011701 Date: Jan. 17, 2023 Page 13 of 20

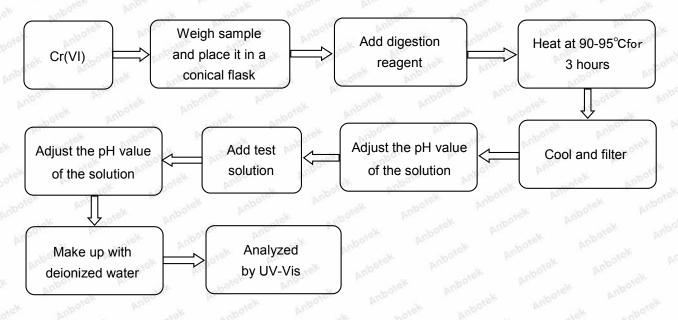
• IEC 62321-7-1:2015

Anbotek

Product Safety



♦ IEC 62321-7-2:2017



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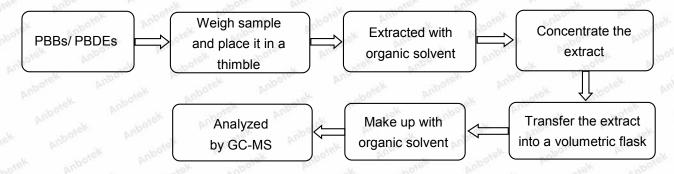
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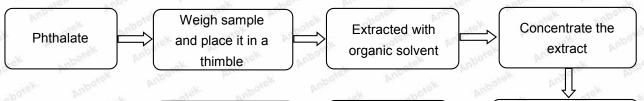


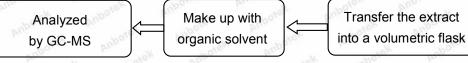
Report No.: 18300RC30011701 Date: Jan. 17, 2023 Page 14 of 20

♦ IEC 62321-6:2015



► IEC 62321-8:2017





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Report No.: 18300RC30011701

Date: Jan. 17, 2023

Page 15 of 20

Photograph of Sample



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Report No.: 18300RC30011701 Date: Jan. 17, 2023

Page 16 of 20

Photo(s) of the tested component(s)





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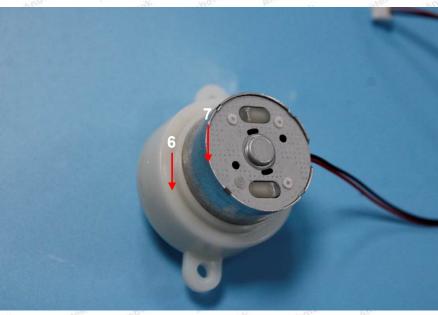
Hotline 400-003-0500 www.anbotek.com.cn Test ReportReport No.: 18300RC30011701Date: Jan. 17, 2023

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Page 17 of 20





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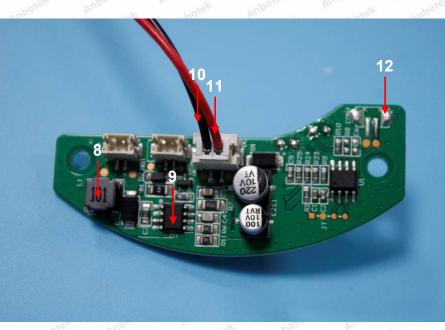


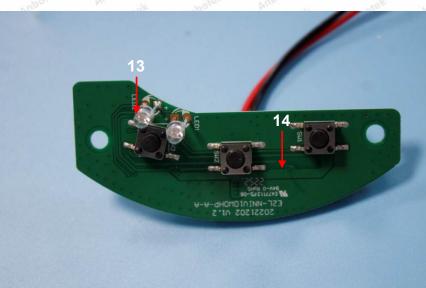
Report No.: 18300RC30011701 Date: Jan. 17, 2023

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Page 18 of 20





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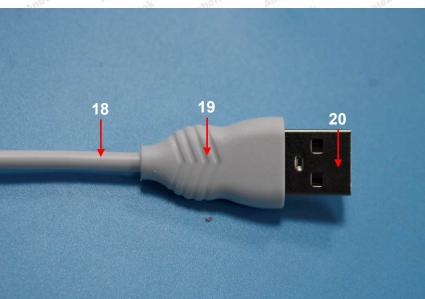
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Page 19 of 20





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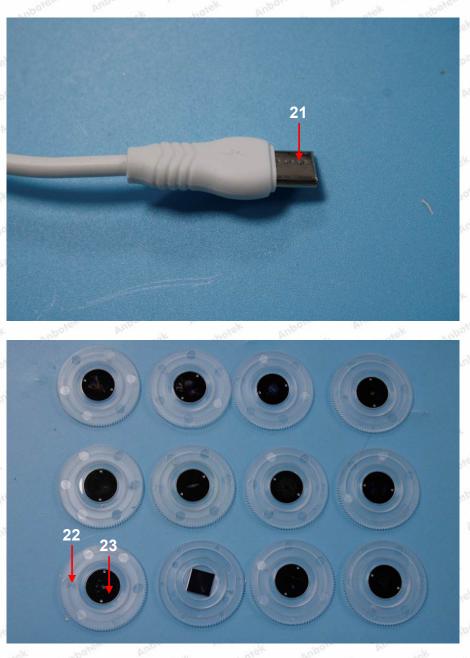
Report No.: 18300RC30011701

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Page 20 of 20



***** End of Report *****

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of Anbotek, this report can't be reproduced except in full.

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CERTIFICATE Of Conformity

EC Council Directive 2011/65/EU and amendment Commission Delegated Directive (EU) 2015/863 with effective from 22 July 2019 Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment

Registration No.: AT18300RC300117

Report No.: 18300RC30011701

Applicant: Shenzhen Bolong Technology Co., Ltd.
Room 415, 4th Floor, Building A, Youth Pioneer Park , Jianshe
East Road, Tsinghua Community, Longhua Street, Longhua
District, Shenzhen City, ChinaProduct: Galaxy Projector

Test Model No.

BL-DQY02

Test Method

IEC 62321-3-1:2013, IEC 62321-5:2013, IEC 62321-4:2013+AMD1:2017, IEC 62321-7-1:2015, IEC 62321-7-2:2017, IEC 62321-6:2015, IEC 62321-8:2017

This is to certify that, the certificate is based on Anbotek's test results and other related substance information provided by applicant. Selected material of the submitted sample fulfills the requirement of the Directive 2011/65/EU (RoHS) and amendment Commission Delegated Directive (EU) 2015/863 with effective from 22 July 2019.





Certified by

Jan. 17, 2023 Date

Shenzhen Anbotek Compliance Laboratory Limited

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