2/F., Garment Centre,
576 Castle Peak Road, Kowloon,
Hong Kong SAR, China.

Telephone: (852) 2173 8888
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TEST REPORT

EMC VERIFICATION SUMMARY
Pursuant to Radio Equipment Directive 2014/53/EU

Report No.:	24041327HKG-002
Applicant:	Skyrocket H.K. Limited Room 1203, 12/F., Peninsula Centre, 67 Mody Road, Tsim Sha Tsui East, Kowloon, Hong Kong.
Equipment Under Test (EUT):	
Product Description:	Poe the AI Story Bear
Model:	18723
Brand Name:	Not Applicable
Sample Receipt Date:	25 Apr 2024
Test Conducted Date:	25 Apr 2024 to 24 May 2024
Issue Date:	31 May 2024
Test Site Location:	1. For Radiated Emission Test: Workshop No. 3, G/F., World-Wide Industrial Centre, 43-47 Shan Mei Street, Fo Tan, Sha Tin, N.T., Hong Kong SAR, China. 2. For Other Test: 2nd Floor, Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong SAR, China.
Relevant Standard(s):	ETSI EN 301 489-17:2020 (ETSI EN 301 489-1:2019) ETSI EN 301 489-1:2019 (EN 55032:2015) ETSI EN 301 489-1:2019 (EN 61000-4-2:2009) ETSI EN 301 489-1:2019 (EN 61000-4-3:2006+A1+A2)
Conclusion:	Test was conducted by client submitted sample. The submitted sample as received complied with the EMC requirement.

Prepared and Checked by:

Signed on File
Wong Kwok Fai, Tony
Assistant Engineer

Approved by:

Digitally signed by Lawrence Chow
Location: Intertek Testing Serives Hong Kong Ltd.

Chow Hin Chung, Lawrence
Manager

TEST REPORT

EMC RESULTS CONCLUSION (WITH JUSTIFICATION)

RE: EMC Testing Pursuant to Radio Equipment Directive 2014/53/EU Performed On the Poe the AI Story Bear
Model: 18723

We tested the Poe the AI Story Bear, Model: 18723, to determine if it was in compliance with the relevant EN standards as marked on the EMC Verification Summary. We found that the unit met the requirement of ETSI EN 301 489-17 & ETSI EN 301 489-1 standard when tested as received.

The ETSI EN 301 489-17, together with ETSI EN 301 489-1, covers the assessment of Broadband Data Transmission Systems, in respect of Electro Magnetic Compatibility (EMC). In case of differences, the provisions of ETSI EN 301 489-17 take precedence.

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

Decision Rule for compliance: For FCC/IC standard, the measured value must be within the limits of applicable standard without accounting for the measurement uncertainty. For EN/IEC/HKTA/HKTC standard, conformity rules will be used as per standard directly excepted EN/IEC 61000-3-2, EN/IEC 61000-3-3, HKTA1004, HKCA1008, HKTA1019, HKTA1020, HKTA1041 and HKTA1044. For these excepted or not mentioned standards, Cl 4.2.2 of ILAC-G8:09/2019 decision rules will be reference and guard band will be equal to our measurement uncertainty with 95% confidence level (k=2). In case, the measured value is within guard band region, undetermined decision will be used.

All tests were performed according to the specific operation from the manufacturer.

TEST REPORT

LABORATORY MEASUREMENTS
CONFIGURATION INFORMATION

Equipment Under Test (EUT):	Poe the AI Story Bear
Model:	18723
Serial No.:	Not Labelled
Support Equipment:	Smart Phone (Provided by Intertek)
Cable:	N/A
Adaptor:	N/A
Rated Voltage:	DC 6.0V (4 x 1.5V AA batteries)

TEST REPORT

ETSI EN 301 489-17 & ETSI EN 301 489-1 (EN 55032) : Class B Radiated Emission Test

Phase: Horizontal/ Vertical
Model No.: 18723
Worst Case Operating Mode: Bluetooth Connected Mode

Used Test Equipment

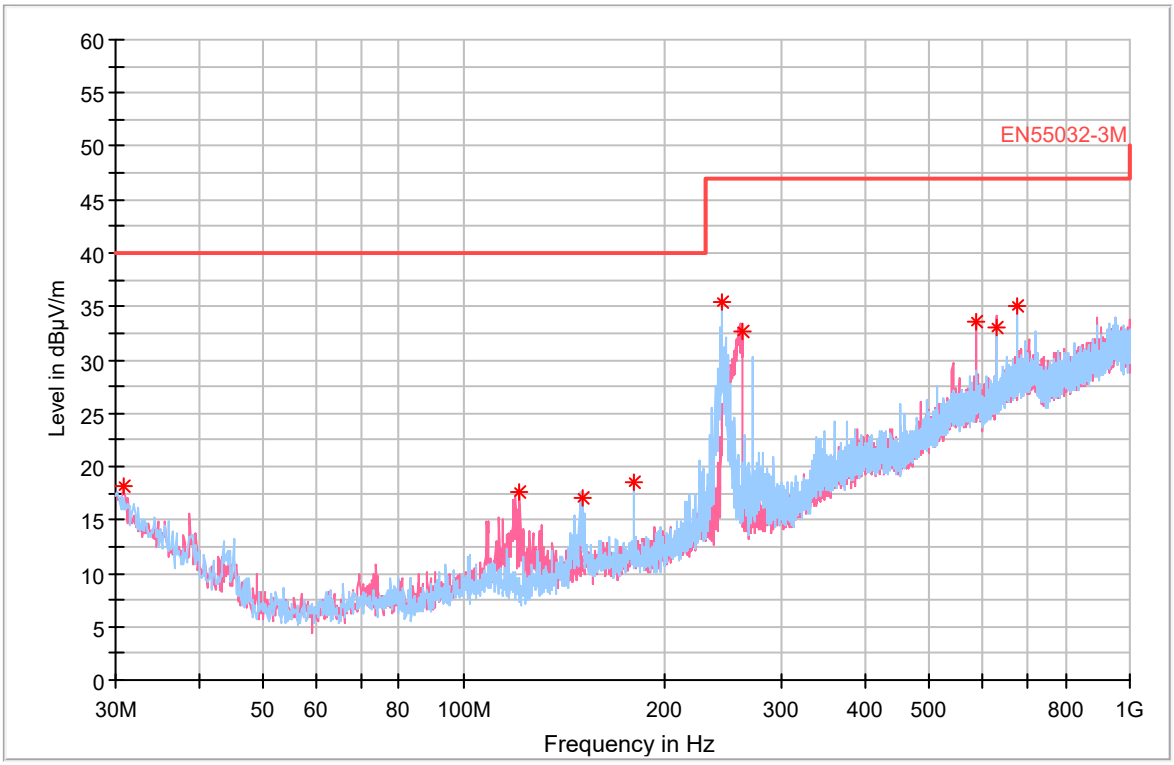
Equipment No.	Equipment	Manufacturer	Calibration Date	Next Calibration Due Date
EW-0194	Double Ridged Guide Antenna (1GHz - 18GHz)	EMCO	10 May 2023	10 Nov 2024
EW-2500	EMI Test Receiver (9kHz to 3GHz)	ROHDESCHWARZ	30 Oct 2023	30 Oct 2024
EW-3061	BiConiLog Antenna (with one attenuator) - 26MHz to 6000MHz	EMCO	23 Aug 2023	23 Feb 2025
EW-2376	14m Double Shield RF Cable (9kHz - 6GHz)	RADIALL	19 Sep 2023	19 Sep 2024

Note: Graph and data table of Ctrl. No.: 3.1.1 consisting of one page is attached.

TEST REPORT

ETSI EN 301 489-17 & ETSI EN 301 489-1 (EN 55032) : Class B Radiated Emission Test

Phase: Horizontal/ Vertical
Model No.: 18723
Worst Case Operating Mode: Bluetooth Connected Mode



Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.848750	18.08	40.00	-21.92	100.0	V	94.0	16.6
121.543750	17.61	40.00	-22.39	100.0	V	288.0	9.7
150.886250	17.03	40.00	-22.97	200.0	H	321.0	11.7
180.592500	18.51	40.00	-21.49	100.0	H	359.0	12.7
244.733750	35.42	47.00	-11.58	100.0	H	140.0	15.2
261.587500	32.63	47.00	-14.37	200.0	V	196.0	15.7
587.022500	33.65	47.00	-13.35	100.0	V	237.0	25.1
632.127500	32.94	47.00	-14.06	100.0	H	0.0	26.2
677.353750	35.09	47.00	-11.91	100.0	H	191.0	27.4

Notes:
1. Peak Detector Data.
2. Negative sign (-) in the margin column signify levels below the limit.
3. Frequency range scanned: 30 MHz to 1000 MHz.
4. Only emissions significantly above equipment noise floor are reported.
5. Uncertainty: ± 5.3dB at a Level of Confidence of 95%.

TEST REPORT

EN 61000-4-2 – Electrostatic Discharge

Test Summary (Pursuant to ETSI EN 301 489-17 & ETSI EN 301 489-1)

Basic Standard:		EN 61000-4-2
Port:		Enclosure
Required Performance Criterion:		TT & TR
Level:		±2.0 kV, ±4.0 kV and ±8.0 kV (Air Discharge)
		±2.0 kV and ±4.0 kV (Contact Discharge)
		±2.0 kV and ±4.0 kV (Indirect Contact Discharge)
Time Between Each Discharge:		1 second
Temperature:		20°C
Relative Humidity		51%
Atmospheric Pressure:		100.1kpa
EUT Model:		18723
Test Mode:		Bluetooth Connected Mode
Test Setup:		Table-Top
Test of Post-installation:		N/A
Test Point:	Air Discharge:	All insulated enclosure and seams
		All the points where contact discharge cannot be applied
	Contact:	All conductive surfaces of the EUT
	HCP:	All sides of the EUT
	VCP:	Four faces of the EUT

Used Test Equipment

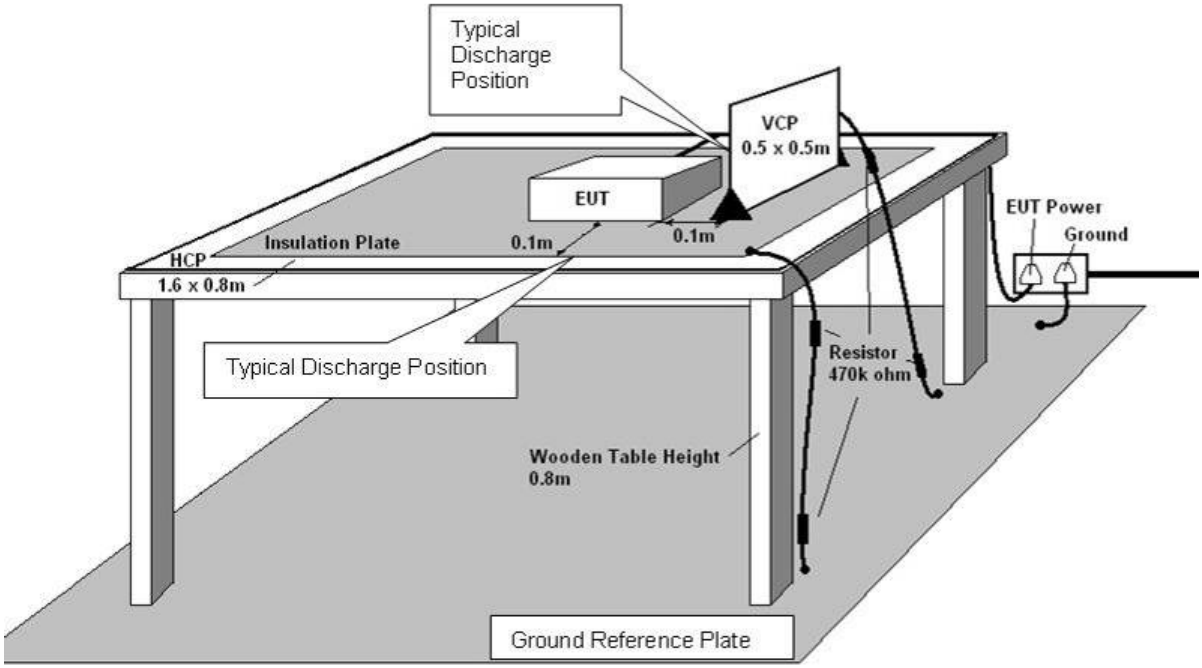
Equipment No.	Equipment	Manufacturer	Calibration Date	Next Calibration Due Date
EW-3654	ESD Simulator	TESEQ	14 Feb 2023	13 Jul 2024

TEST REPORT

EN 61000-4-2 – Electrostatic Discharge

Test Setup

The typical table-top test setup is as follow:



Test Results

Discharge Type	No. of Discharge for Each Applied Voltage	Applied Voltage	Result (Pursuant to ETSI EN 301 489-17 & ETSI EN 301 489-1 Criterion TT & TR) Transceiver
Contact Discharge	10	±2kV	Complied
		±4kV	Complied
Air Discharge	10	±2kV	Complied
		±4kV	Complied
		±8kV	Complied
Indirect HCP Discharge	10	±2kV	Complied
		±4kV	Complied
Indirect VCP Discharge	10	±2kV	Complied
		±4kV	Complied

☒ Additional Information

☒ No observable change.

Ctrl. No.: 7.2

TEST REPORT

EN 61000-4-3 – Radiated Immunity

Test Summary (Pursuant to ETSI EN 301 489-17 & ETSI EN 301 489-1)

Basic Standard:	EN 61000-4-3
Port:	Enclosure
Required Performance Criterion:	CT & CR
Level:	3.0 V/m (rms)
Test Modulation:	1kHz, 80% AM
Frequency:	80 MHz to 6000 MHz
Dwell Time:	1s
Frequency Step:	1%
Temperature:	20°C
Relative Humidity:	51%
Test Facility:	Full Anechoic Chamber
Antenna Polarization:	Horizontal and Vertical
Type of Antenna:	Bi-conic Log-Periodic (Hybrid) / Log-Periodic
Test Distance:	3m
EUT Model:	18723
Test Mode:	Bluetooth Connected Mode
Test Setup:	Table-Top
Size of the EUT:	23.0 (cm) x 13.0 (cm) x 30.0 (cm)

Used Test Equipment

Equipment No.	Equipment	Manufacturer	Calibration Date	Next Calibration Due Date
EW-1902	Trilog Super Broadband Test Antenna 30MHz - 3000MHz	SCHWARZBECK	06 Apr 2004	Nil*
EW-1568	Anechoic Chamber for IEC/EN 61000-4-3	UNKNOWN	30 Dec 2023	30 Dec 2024
EW-3332	RF Amplifier (80MHz to 1000MHz)	AMPRESARCH	30 Dec 2023	30 Dec 2024
EW-3251	Signal Generator (100kHz to 6GHz)	ROHDESCHWARZ	27 Jul 2023	27 Jul 2024
EW-3289	Broadband Amplifier (0.69GHz - 6GHz) 60W with OSP120 Switch	ROHDESCHWARZ	30 Dec 2023	30 Dec 2024
EW-3290	High Frequency Antenna	SCHWARZBECK	30 Dec 2023	30 Dec 2024

*The Equipment would be verified together with the test system before testing.

TEST REPORT

EN 61000-4-3 – Radiated Immunity

Test Results

Frequency (MHz)	Exposed Side	Field Strength (V/m) (rms)	Result (Pursuant to ETSI EN 301 489-17 & ETSI EN 301 489-1 meet CT & CR) Transceiver
80 to 6000	Front	3.0	Complied
80 to 6000	Left	3.0	Complied
80 to 6000	Rear	3.0	Complied
80 to 6000	Right	3.0	Complied

☒ Additional Information

☒ No observable change.

☐ The communication link of EUT could / could not be maintained and could / could not be recoverable by operator.

☐ EUT stopped operation and could / could not be reset by operator.

☐ EUT was in abnormal operation:
- Operation mode was changed from _____ to _____ at _____ V/m.

Ctrl. No.: 8.2

TEST REPORT

EXTERNAL PHOTO OF EUT

POINTS TO NOTE

1) Labelling/ Marking/ Instruction Information

Manufacturers shall ensure that radio equipment which they have placed on the market **bears a type, batch or serial number or other element allowing its identification**, or, where the size or nature of the radio equipment does not allow it, that the required information is provided on the packaging, or in a document accompanying the radio equipment

Manufacturers and Importers shall indicate on the radio equipment **their name, registered trade name or registered trade mark and the postal address** at which they can be contacted or, where the size or nature of radio equipment does not allow it, on its packaging, or in a document accompanying the radio equipment. The address shall indicate a single point at which the manufacturer can be contacted. The contact details shall be in a language easily understood by end-users and market surveillance authorities.

Manufacturers and Importers shall ensure that the radio equipment is **accompanied by instructions and safety information** in a language which can be easily understood by consumers and other end-users, as determined by the Member State concerned.

Instructions shall include the information required to use radio equipment in accordance with its intended use. Such information shall include, where applicable, a **description of accessories and components, including software**, which allow the radio equipment to operate as intended. Such instructions and safety information, as well as any labelling, shall be clear, understandable and intelligible.

The following information shall also be included in the case of radio equipment intentionally emitting radio waves:

(a) frequency band(s) in which the radio equipment operates;

(b) maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates.

POINTS TO NOTE

2) Declaration of conformity

There are many Directives and Standards in place, and you should assure yourself that the correct ones have been applied to your product.

The attached blank Declaration of Conformity complies with the format published in the Official Journal of the European Community. To complete the form:

1. List all applicable Directives, by number.

   e.g. 88/378/EEC for Toy Directive
   2014/30/EU for EMC Directive
   2014/35/EU for Low Voltage Directive
   93/68/EEC for CE Marking Directive
   2014/53/EU for Radio Equipment Directive

2. List the relevant harmonised standards under these Directives to which conformity is being declared. Intertek Testing Services test report(s) which you should retain to support your declaration contain this information.

3. Add manufacturer's or authorised representative's name and address. The authorised representatives should be located within the EU.

4. Specify the product, type, batch or serial number of equipment.

5. The Declaration of Conformity should be signed by the manufacturer or his authorized representative established within the EU.

NOTES:

A. THE IMPORTERS, MANUFACTURERS OR AUTHORIZED REPRESENTATIVE MUST KEEP THE DECLARATION OF CONFORMITY AND THE TEST REPORTS AT THE DISPOSAL OF THE AUTHORITIES FOR A PERIOD OF TEN YEARS AFTER THE EQUIPMENT HAS BEEN PLACED ON THE MARKET.

EU DECLARATION OF CONFORMITY (No Xxxx) [1]

1. Radio Equipment (Product, type, batch or serial number):

   ……..

2. Name and Address of manufacturer or his authorised representative:

   ……..

3. This declaration of conformity is issued under the sole responsibility of the manufacturer.

   ……..

4. Object of the declaration (identification of the radio equipment allowing traceability; it may include a colour image of sufficient clarity where necessary for the identification of the radio equipment):

   ……..

5. The object of the declaration described above is in conformity with the relevant Union harmonisation legislation: e.g. Directive 2014/53/EU

   ……..

   Other Union harmonisation legislation where applicable

   ……..

6. References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared. References must be listed with their identification number and version and, where applicable, date of issue:

   ……..

7. Where applicable, the notified body (name, number) performed (description of intervention) and issued the EU-type examination certificate:

   ……..

8. Where applicable, description of accessories and components, including software, which allow the radio equipment to operate as intended and covered by the EU declaration of conformity:

   ……..

9. Additional information:

   Signed for and on behalf of: ……

   (place and date of issue): ……

   (name, function) (signature): ……

[1] It is optional for the manufacturer to assign a number to the declaration of conformity.