


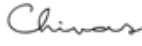
RF Exposure evaluation report

Applicant:	TOTEM ACOUSTIQUE INC.
Address of Applicant:	9165, Champ d'Eau, St. Leonard, Quebec, H1P3M3, Canada
Manufacturer:	TOTEM ACOUSTIQUE INC.
Address of Manufacturer:	9165, Champ d'Eau, St. Leonard, Quebec, H1P3M3, Canada
Product name:	Powered Bluetooth Speaker
Model:	KIN Play TOWER
Rating(s):	100-120V~ 60Hz or 220-240V~ 50Hz, 400W
Trademark:	TOTEM 
Standards:	47 CFR Part 1.1310 (2013) 47 CFR Part 2.1091 (2013) KDB447498D01 General RF Exposure Guidance v06
FCC ID:	2AQ6V-KPTOWER
IC	24314-KPTOWER
Date of Receipt:	2021-04-07
Date of Test:	2021-04-07~2021-05-11
Date of Issue:	2021-05-11
Test Result	Pass*

* In the configuration tested, the test item complied with the standards specified above.


Authorized for issue by:

Test by:

May. 11, 2021 Chivas Tsang 
Project Engineer

Date Name/Position Signature

Reviewed by:

May. 11, 2021 Victor Meng 
Project Manager

Date Name/Position Signature

Possible test case verdicts:

test case does not apply to the test object ...: N/A

test object does meet the requirement: P (Pass)

test object does not meet the requirement ...: F (Fail)

Testing Laboratory information:

Testing Laboratory Name: ITL Co., Ltd

Address.....: No. 8, Jinqianling Street 5, Huangjiang Town, Dongguan,
Guangdong, China.

Testing location : Same as above

Tel : 0086-769-39001678

Fax : 0086-20-62824387

E-mail : itl@i-testlab.com

General remarks:

The test results presented in this report relate only to the object tested.

The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report.

This report would be invalid test report without all the signatures of testing technician and approver.

This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

General product information:

/

1 Contents


	Page
1 CONTENTS	3
2 GENERAL INFORMATION	4
2.1 CLIENT INFORMATION	4
2.2 GENERAL DESCRIPTION OF E.U.T.	4
2.3 DETAILS OF E.U.T.	4
2.4 DESCRIPTION OF SUPPORT UNITS	4
2.5 TEST LOCATION	5
2.6 DEVIATION FROM STANDARDS	5
2.7 ABNORMALITIES FROM STANDARD CONDITIONS.....	5
2.8 OTHER INFORMATION REQUESTED BY THE CUSTOMER.....	5
2.9 TEST FACILITY	5
3 RF EXPOSURE EVALUATION	6
3.1 RF EXPOSURE COMPLIANCE REQUIREMENT	6
3.1.1 STANDARD REQUIREMENT	6
3.1.2 EUT RF EXPOSURE	6

2 General Information

2.1 Client Information

Applicant: TOTEM ACOUSTIQUE INC.
Address of Applicant: 9165, Champ d'Eau, St. Leonard, Quebec ,H1P3M3, Canada

2.2 General Description of E.U.T.

Name: Powered Bluetooth Speaker
Model No.: KIN Play TOWER
Trade Mark: 
Operating Frequency: 2402 MHz to 2480 MHz for Bluetooth
Channels: Bluetooth: 79 channels with 1MHz step for Classic mode,
40 channels with 2MHz step for BLE mode
Type of Modulation: GFSK, ($\pi/4$)DQPSK, 8DPSK for Bluetooth
Antenna Reference: PCB antenna with 0 dBi gain
Function: Powered Bluetooth Speaker

2.3 Details of E.U.T.

EUT Power Supply: 230V~
Test mode for WIFI: The EUT was operated in the engineering mode to fix the Tx frequency that was for the purpose of the measurements. All testing shall be performed under maximum output power condition, and to measure its highest possible emissions level, more detailed description as follows:

2.4 Description of Support Units

The EUT has been tested as an independent unit for fixed frequency by testing lab.

2.5 Test Location

All tests were performed at:

Dongguan Hongnuo Product Testing Service Co., Ltd.

No. 8 Jinqianling Street 5, Huangjiang Town Dongguan, Guangdong, 523757 P.R.C.

0086-769-39001678

itl@i-testlab.com

All tests were performed at:

2.6 Deviation from Standards

Biconical and log periodic antennas were used instead of dipole antennas.

2.7 Abnormalities from Standard Conditions

None.

2.8 Other Information Requested by the Customer

None.

2.9 Test Facility

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

- **CNAS Lab code:L9342**
- **FCC Designation No.:CN5035**
- **IC Registration NO.: 12593A**
- **NVLAP LAB CODE: 600199-0**

3 RF Exposure Evaluation

3.1 RF Exposure Compliance Requirement

3.1.1 Standard Requirement

According to KDB447498D01 General RF Exposure Guidance v06 and FCC 1.1310 Radiofrequency radiation exposure limits for General Population/Uncontrolled Exposure.

3.1.2 EUT RF Exposure

Bluetooth (Classic mode):

The Max Output Power is 2.58 dBm in EDR mode(3DH5) Lowest channel (2.402GHz);

Antenna gain: 0dBi

R=20cm

$$S = PG / (4 \pi R^2) = 0.00036 \text{ mW/cm}^2 < 1 \text{ (limits) mW/cm}^2$$

Bluetooth (BLE mode):

The Max Output Power is 0.33 dBm in Lowest channel (2.402GHz);

Antenna gain: 0dBi

R=20cm

$$S = PG / (4 \pi R^2) = 0.00021 \text{ mW/cm}^2 < 1 \text{ (limits) mW/cm}^2$$