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CERTIFICATION TEST REPORT

Manufacturing Address: Zhen Jiangqiang Ling Electronic Co. Ltd.
200 Xuefu Road
Zhen Jiang
Jiangsu 212016 CHINA

Applicant Address: Shanghai Qiangling Electronic Co., Ltd.
139 Wang Dong RD S,
SI Jing Song Jiang, Shanghai, 201601, CHINA

Product Name: TCP ColorSpree Tunable White

Product Description: Bluetooth A19 Tunable White

Model: A19BT001

FCC ID: NIRA19BT001

Testing Commenced: November 30, 2015

Testing Ended: Dec. 3, 2015

Summary of Test Results: In Compliance

The EUT complies with the EMC requirements when manufactured identically as the unit tested in this report, including any required modifications. Any changes to the design or build of this unit subsequent to this testing may deem it non-compliant.

Standards:

- KDB447498
- FCC Part 1.1310



Order Number: F2LQ7271B

Client: Technical Consumer Products, Inc.

Model: A19BT001

Evaluation Conducted by:

Ken Littell, Director of EMC & Wireless Operations

Report Reviewed by:

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1 ADMINISTRATIVE INFORMATION

1.1 Measurement Location:

F2 Labs in Middlefield, Ohio. Site description and attenuation data are on file with the FCC's Sampling and Measurement Branch at the FCC Laboratory in Columbia, MD.

1.2 Measurement Procedure:

All measurements were performed according to KDB558074.

1.4 Document History

| Document Number | Description | Issue Date | Approved By |
|-----------------|-------------|---------------|-------------|
| F2LQ7271B-07E | First Issue | Apr. 20, 2016 | W. Fuster |
| | | | |
| | | | |



2 SUMMARY OF TEST RESULTS

| Test Name | Standard(s) | Results |
|--------------------------------------------|------------------------------|----------|
| RF Exposure for Device >20cm from Human | KDB447498 FCC Part 1.1310 | Complies |

| Modifications Made to the Equipment |
|-------------------------------------|
| None |



3 ENGINEERING STATEMENT

This report has been prepared on behalf of Shanghai Qiangling Electronic Co., Ltd., to provide documentation for the testing described herein. This equipment has been tested and found to comply with KDB447498 and FCC Part 1.1310. The test results found in this test report relate only to the item(s) tested.



4 EUT INFORMATION AND DATA

4.1 Equipment Under Test:

Product: TCP ColorSpree Tunable White
Model: A19BT001
Serial Nos.: 1263-18, 1263-19, 1263-20
FCC ID: NIRA19BT001

4.2 Trade Name:

TCP

4.3 Power Supply:

120V, 60 Hz

4.4 Applicable Rules:

- KDB447498
- FCC Part 1.1310

4.5 Equipment Category:

Radio Transmitter-DTS

4.6 Antenna:

Internal Antenna

4.7 Accessories:

N/A

4.8 Test Item Condition:

The equipment to be tested was received in good condition.



5. RF EXPOSURE FOR DEVICE >20cm FROM HUMAN

5.1 Requirements:

Limit: 1mW/cm²

Formula used for result: $\frac{E.I.R.P.}{4 \pi R^2}$

Results: E.I.R.P. = .1667mW

.1667mW at the 2480 MHz High Channel
which is the highest.

$$\frac{.1667\text{mW}}{4 \pi R^2} = \frac{.1667\text{mW}}{5026.55} = .0000332\text{mW/cm}^2$$