



## MPE Test Report

**Report No.:** UJU-17DE2717VTSPB-2

**FCC ID:** 2AP3918D069SKY4655

**Product:** TV Stand with Bluetooth Speakers & USB Music Player

**Model:** SKY4655

**Received Date:** May.03, 2018

**Test Date:** May.03 to May.25, 2018

**Issued Date:** May.30, 2018

**Applicant:** ZhangZhou Ju Xiang Furniture Co., Ltd.

**Address:** Jin Gao Road, Bei Dou Industrial Park, Jin Feng Economic Develop Zone,  
Zhang zhou City, Fujian, China

**Manufacturer:** ZhangZhou Ju Xiang Furniture Co., Ltd.

**Address:** Jin Gao Road, Bei Dou Industrial Park, Jin Feng Economic Develop Zone,  
Zhang zhou City, Fujian, China

**Issued By:** BUREAU VERITAS ADT (Shanghai) Corporation

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### Release Control Record

| Issue No.           | Description      | Date Issued  |
|---------------------|------------------|--------------|
| UJU-17DE2717VTSPB-2 | Original release | May.30, 2018 |

## 1 Certificate of Conformity

**Product:** TV Stand with Bluetooth Speakers & USB Music Player

**Brand:** --

**Model:** SKY4655

**Applicant:** ZhangZhou Ju Xiang Furniture Co., Ltd.

**Test Date:** May.03 to May.25, 2018

**Standards:** FCC Part 2 (Section 2.1091)  
KDB 447498 D01 General RF Exposure Guidance v06  
IEEE C95.1-1992

The above equipment has been tested by **BUREAU VERITAS ADT (Shanghai) Corporation**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

**Prepared by :** Bing Ye, **Date:** May.30, 2018  
Bing YE  
Testing Engineer

**Approved by :** Joy zhu, **Date:** May.30, 2018  
Joy ZHU  
Testing Manager

## 2 RF Exposure

### 2.1 Limits For Maximum Permissible Exposure (MPE)

| Frequency Range (MHz)                                 | Electric Field Strength (V/m) | Magnetic Field Strength (A/m) | Power Density (mW/cm <sup>2</sup> ) | Average Time (minutes) |
|---|-------------------------------|-------------------------------|-------------------------------------|------------------------|
| Limits For General Population / Uncontrolled Exposure |                               |                               |                                     |                        |
| 300-1,500   | -                             | -                             | F/1500                              | 30                     |
| 1,500-100,000   | -                             | -                             | 1.0                                 | 30                     |

F = Frequency in MHz

### 2.2 MPE Calculation Formula

Power density (S) is calculated according to the formula:

$$S = PG / (4\pi R^2)$$

Where S = power density in mW/cm<sup>2</sup>

P = transmit power in mW

G = numeric gain of transmit antenna (numeric gain=Log-1(dB antenna gain/10))

R = distance (cm)

### 2.3 MPE Calculation Formula

The antenna of this product, under normal use condition, is at least 20cm from the body of the user. So the device is classified as Mobile Device.

### 2.4 Calculation Result of Maximum Permissible Exposure

| Frequency Band (MHz) | Max Tune-up Power (dBm) | Antenna Gain (dBi) | Distance (cm) | Power Density (mW/cm <sup>2</sup> ) | Limit (mW/cm <sup>2</sup> ) |
|----------------------|-------------------------|--------------------|---------------|-------------------------------------|-----------------------------|
| BT-EDR               |                         |                    |               |                                     |                             |
| 2402-2480            | -5.18±2                 | 2.15               | 20            | 0.0001569                           | 1                           |

### Conclusion:

The calculation result of MPE is less than the limit.

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