



TEST REPORT

Reference No...... : WTZ21F02010565E002
FCC ID : 2ANQAB
Applicant..... : Orient Resource Corporation Limited
Address..... : #8 of Xinling Road, Xiaolong village, Shiji Town, Panyu district, Guangzhou city, Guangdong Province, China
Manufacturer : The same as above
Address..... : The same as above
Product Name..... : Mirror Lamp
Model No..... : Victor-BTJ0108-01-15-47"29"1.77"-B
Victor-BTJ0108-01-20-47"29"1.77"-B
Victor-BTJ0108-01-36-47"29"1.77"-B
Victor-BTJ0108-01-60-47"29"1.77"-B
Standards..... : FCC CFR47 Part 15 Subpart C (Section 15.247): 2019
Date of Receipt sample : 2021-02-05
Date of Test : 2021-03-26
Date of Issue..... : 2021-04-09
Test Result..... : Pass

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

Prepared By:

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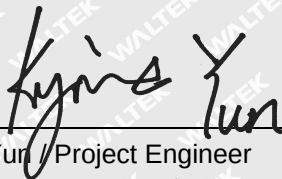
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1 Revision History

Test Report No.	Date of Issue	Description	Status
WTZ21F02010565E002	2021-04-09	Original	Valid

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3 General Information

3.1 General Description of E.U.T

Product Name	Mirror Lamp
Model No.	Victor-BTJ0108-01-15-47"29"1.77"-B Victor-BTJ0108-01-20-47"29"1.77"-B Victor-BTJ0108-01-36-47"29"1.77"-B Victor-BTJ0108-01-60-47"29"1.77"-B
Model Description	All models have same electric circuit only their rated power is different. Therefore the full tests were performed on model Victor-BTJ0108-01-60-47"29"1.77"-B.
Rated Voltage.....	AC 120V, 60Hz Victor-BTJ0108-01-15-47"29"1.77"-B: 15W Victor-BTJ0108-01-20-47"29"1.77"-B: 20W Victor-BTJ0108-01-36-47"29"1.77"-B: 36W Victor-BTJ0108-01-60-47"29"1.77"-B: 60W
Battery Capacity	---
Power Adapter	---

3.2 Technical Characteristics of EUT

Bluetooth Version.....	V5.0(BR+EDR mode)
Frequency Range	2402-2480MHz
Max. RF Output Power	-2.439dBm (Conducted)
Modulation	GFSK , $\pi/4$ DQPSK
Data Rate	1Mbps, 2Mbps
Quantity of Channels	79
Channel Separation.....	1MHz
Type of Antenna	PCB Printed Antenna
Antenna Gain	0 dBi
Lowest Oscillation.....	24MHz



4 MAXIMUM PERMISSIBLE EXPOSURE (MPE)

4.1 Standard Applicable

According to §1.1307(b)(1) and KDB 447498 D01 General RF Exposure Guidance v06, system operating under the provisions of this section shall be operating in a manner that the public is not exposed to radio frequency energy level in excess limit for maximum permissible exposure.

(a) Limits for Occupational / Controlled Exposure

Frequency range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Times E ² , H ² or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	(900/f)*	6
30-300	61.4	0.163	1.0	6
300-1500	/	/	F/300	6
1500-100000	/	/	5	6

(b) Limits for General Population / Uncontrolled Exposure

Frequency range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Times E ² , H ² or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f)*	30
30-300	27.5	0.073	0.2	30
300-1500	/	/	F/1500	30
1500-100000	/	/	1	30

Note: f = frequency in MHz; * = Plane-wave equivalents power density



4.2 MPE Calculation Method

$$S = (30 \cdot P \cdot G) / (377 \cdot R^2)$$

S = power density (in appropriate units, e.g., mW/cm²)

P = power input to the antenna (in appropriate units, e.g., mW)

G = power gain of the antenna in the direction of interest relative to an isotropic radiator, the power gain factor is normally numeric gain.

R = distance to the center of radiation of the antenna (in appropriate units, e.g., cm)

4.3 MPE Calculation Result

Prediction distance (mm)	Prediction frequency (MHz)	Antenna Gain (dBi)	Numeric gain	Maximum Tune-up output power (dBm)	Maximum peak output power (mW)	PD (mW/cm ²)	Limit (mW/cm ²)
>200	2480	0	1	-2.439	0.570	0.000113	1.0

Result: Pass

=====End of Report=====

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