



TEST REPORT

Reference No...... : WTZ21F05048340E002
FCC ID : 2ANQA-75107AX
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-S0198-01-36-24"30"3 3/32"-E, 75-105-AX, Victor-S0198-01-36-
30"36"3 3/32"-E, 75-106-AX, Victor-S0198-01-60-36"42"3 3/32"-E, 75-
107-AX
Standards..... : FCC CFR47 Part 15 Subpart C (Section 15.247): 2019
Date of Receipt sample : 2021-06-03
Date of Test : 2021-07-01 to 2021-07-15
Date of Issue..... : 2021-08-06
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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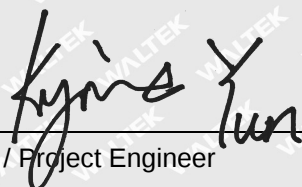
Tel:+86-757-23811398

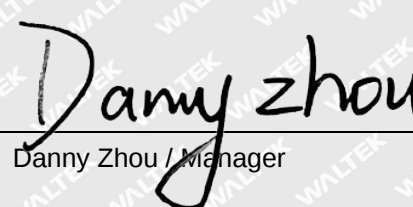
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Danny Zhou / Manager



1 Revision History

Test Report No.	Date of Issue	Description	Status
WTZ21F05048340E002	2021-08-06	Original	Valid

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3 General Information

3.1 General Description of E.U.T

Product Name	Mirror Lamp
Model No.	Victor-S0198-01-36-24"30"3 3/32"-E, 75-105-AX, Victor-S0198-01-36-30"36"3 3/32"-E, 75-106-AX, Victor-S0198-01-60-36"42"3 3/32"-E, 75-107-AX
Model Description	Model Victor-S0198-01-36-24"30"3 3/32"-E and 75-105-AX are identical except for the model number. Model Victor-S0198-01-36-30"36"3 3/32"-E and 75-106-AX are identical except for the model number. Model Victor-S0198-01-60-36"42"3 3/32"-E and 75-107-AX are identical except for the model number. Model Victor-S0198-01-36-24"30"3 3/32"-E, Victor-S0198-01-36-30"36"3 3/32"-E, Victor-S0198-01-60-36"42"3 3/32"-E are identical except for the size. Therefore the full tests were performed on model 75-107-AX.
Rated Voltage	AC 120V, 60Hz
Battery Capacity	---
Power Adapter	---

3.2 Technical Characteristics of EUT

Support Standards	802.11b, 802.11g, 802.11n
Frequency Range	2412-2462MHz for 802.11b/g/n(HT20)
RF Output Power	17.03dBm (Conducted)
Modulation	802.11b: DSSS(DBPSK/DQPSK/CCK) 802.11g/n: OFDM (BPSK/QPSK/16QAM/64QAM)
Data Rate	1Mbps for 802.11b; 6Mbps for 802.11g;MCS0 for 802.11n
Quantity of Channels	11 for 802.11b/g/n(HT20)
Channel Separation	5MHz
Type of Antenna	PCB Printed Antenna
Antenna Gain	1.93dBi
Lowest Oscillation	37.4MHz



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	2412	1.93	1.56	17.03	50.466	0.0156574	1.0

Result: Pass

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

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