



K I F A

KOREA FAR INFRARED ASSOCIATION
KOREA INSTITUTE OF FAR INFRARED APPLIED ESTIMATION

441, Songpa-Daero, Songpa-Gu, Seoul, Korea

<http://www.kfir.or.kr>

TEL 82-2-2203-6037

FAX 82-2-2203-6061

CERTIFICATE OF TESTING RESULT

Serial No. of Issue : KFI-389
Name of Applicant : KIM CHUN CHA [R & L CO., LTD.]
Address of Applicant : (Soha-dong, 1110, 1111, 1112, 1113, 1116, 1117, 11 Floor, Kwang Myung Ace High-End Tower)108, Haan-ro, Kwangmyung-si, Gyeonggi-do, Korea
Date of Receipt : 5. 15. 2014
Name of Test Sample : QUANTUM ENERGY PAD

TEST RESULTS

Emissivity (5 ~ 20 μm)	Emission Power ($\text{W}/\text{m}^2 \cdot \mu\text{m}$, 60 $^\circ\text{C}$)
0.890	4.71×10^2

- 1) Test Method : KFIA-FI-1005
 - 2) The temperature of 60 $^\circ\text{C}$ is provided by the applicant.
The above experimental results were measured in comparison with BLACK BODY by using the FT-IR Spectrometer.
 - 3) Test Results : Refer to the Enclosed
 - 4) Usage : Quality control.
- ※ This certificate of testing result shall be used within the purpose of its defined usage.

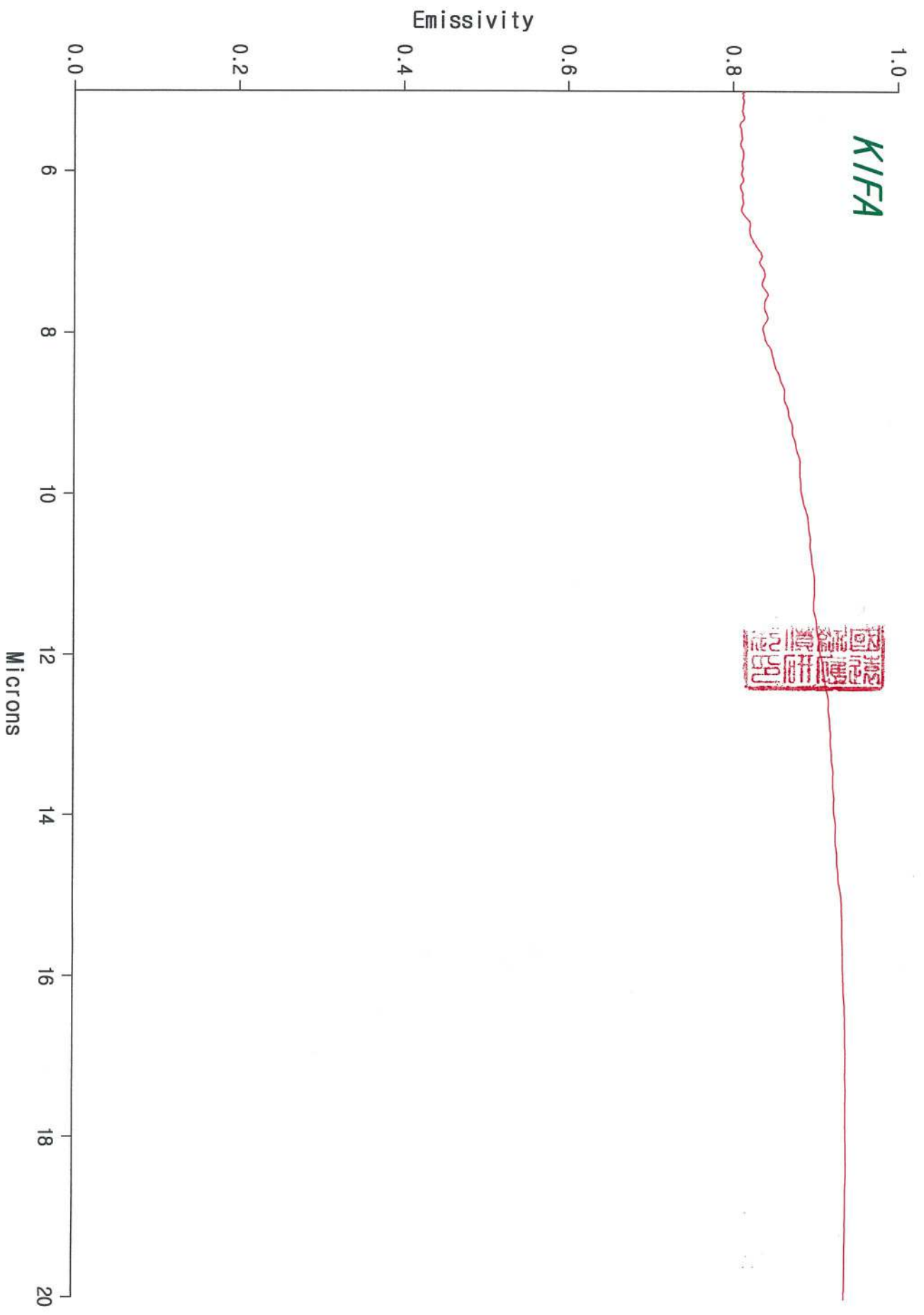
5 19 2014

month day year

Signed

Choi T. S.

The director of Korea Institute of
Far Infrared Applied Estimation



KIFA

Microns

Emissivity

389
2014. 5. 19.

KIFA

Black Body

Sample

Emission Power ($W/m^2 \cdot \mu m$, $60^\circ C$)



Microns

389

