




TEST REPORT

Eurofins KCTL Co.,Ltd. 52-20, Sinjeong-ro 41 beon-gil, Giheung-gu, Yongin-si, Gyeonggi-do 17093, Korea Tel : 82-31-326-6700 Fax : 82-505-299-8311 www.kctl.co.kr	Report No.: KR23-YYP0942-A Page (1) of (9)	eurofins KCTL				
1. Client ◦ Name : SJIT Co.,Ltd ◦ Address : 54-11, Dongtanhana 1-gil, Hwaseong-si, Gyeonggi-do, Republic of Korea ◦ Date of Receipt : 2024-06-12						
2. Use of Report : For Quality evaluation						
3. Name of Product / Model : Sigfox asset tracker / IET20W						
4. Manufacturer / Country of Origin : SJIT Co.,Ltd / Korea						
5. Date of Test : 2023-08-22						
6. Location of Test : <input checked="" type="checkbox"/> Permanent Testing Lab <input type="checkbox"/> On Site Testing (Adress: 52-20, Sinjeong-ro 41 beon-gil, Giheung-gu, Yongin-si, Gyeonggi-do 17093, Korea)						
7. Test method used : IEC 62262: 2002 (IK08)						
8. Test Result : Refer to the test result in the test report						
Affirmation	<table><tr><td>Tested by</td><td>Technical Manager</td></tr><tr><td>Name : Sungjae Kim (Signature)</td><td>Name : Kyunghoon Ahn (Signature)</td></tr></table>	Tested by	Technical Manager	Name : Sungjae Kim (Signature)	Name : Kyunghoon Ahn (Signature)	
Tested by	Technical Manager					
Name : Sungjae Kim (Signature)	Name : Kyunghoon Ahn (Signature)					
2024-07-31						
Eurofins KCTL Co.,Ltd.						
As a test result of the sample which was submitted from the client, this report does not guarantee the whole product quality. This test report should not be used and copied without a written agreement by Eurofins KCTL Co.,Ltd.						

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REPORT REVISION HISTORY

Date	Revision	Page No
2023-08-28	Originally issued (KR23-YYP0942)	-
2024-07-31	Reissue with changes in client's name, address and manufacturer due to merger at the request of the client (Client's name and Manufacturer: SJI Co.,Ltd -> SJIT Co.,Ltd, Address: 54-33, Dongtanhana 1-gil, Hwaseong-si, Gyeonggi-do, Republic of Korea -> 54-11, Dongtanhana 1-gil, Hwaseong-si, Gyeonggi-do, Republic of Korea)	1


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General remarks for test reports

- None

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1. Test Laboratory

1.1 General

Name of Test Laboratory	Eurofins KCTL Co., Ltd.
Address	52-20, Sinjeong-ro 41 beon-gil, Giheung-gu, Yongin-si, Gyeonggi-do 446-599, Korea
TEL	82 31-326-6700
FAX	82 505-299-8311
Home page	www.kctl.co.kr

1.2 Certificate of Designated Testing Laboratory

Mark.	Registration No.
NRRA	KR0040
KOLAS	No. KT231
IEC(CB-Scheme)	TL512
TUV-SUD	CARAT 15 08 93040 001
VCCI Council	R-3327, C-3706, T-1849, G-198
DSP Research, Inc.	G039
FCC	Test Firm Registration No. 687132
INDUSTRY CANADA	Company Address Code: 8035A

2. Specification

2.1 Specification

Division	Specification
Product Name	Sigfox asset tracker
Basic Model	IET20W
Series Model	IET21W, IET30W, IET31W
Sample Quantity	1 EA

- The basic model and series model are identical hardware.
- The model "IET20W" was conducted tests representatively.

2.2 Test Photograph



[Product Photograph 01]



[Product Photograph 02]

3. Test Method and Result

3.1 IK08 Impacts Test

3.1.1 Test Equipment

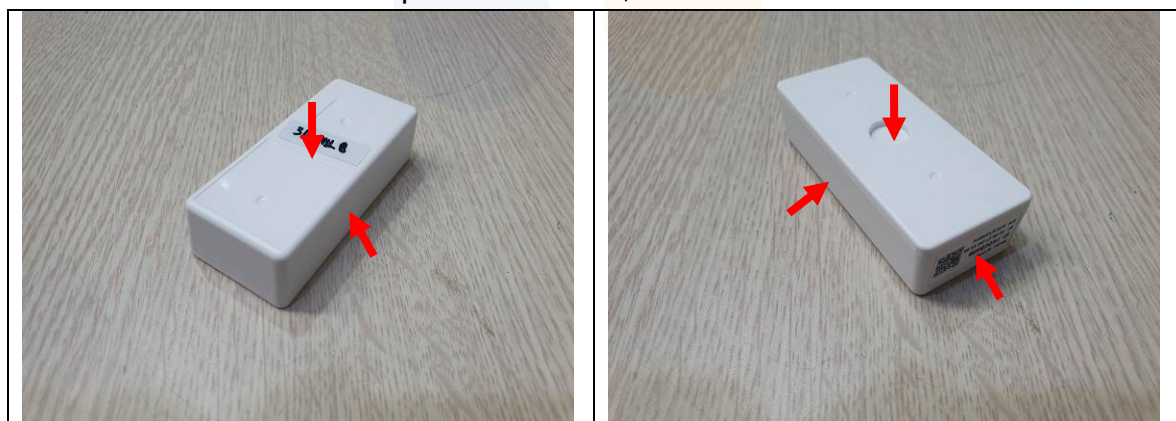
Instrument description	Model	Manufacturer	Serial number	Due Cal
20J IMPACT ELEMENT	N/A	CERTIS	N/A	N/A
Pendulum Hammer	5 J	None	N/A	2025-01-05
Measuring Tape	KMC-32D_7.5 m	KOMELON	N/A	2024-09-22
Weighting Scale	DB-60H	CAS	IY1142	2024-02-22


3.1.2 Date of test / Environment of test

- 1) 2023-08-22
- 2) Temperature (25 ± 2) °C, Humidity (52 ± 3) % R.H., Air pressure (99 ± 2) kPa

3.1.3 Test Conditions

- 1) Test standard: IEC 62262: 2002 (IK08)
- 2) Energy: 5 J
- 3) Mass: 1.7 kg
- 4) Height: 300 mm
- 5) Location and number of impact: Enclosure, 5 time

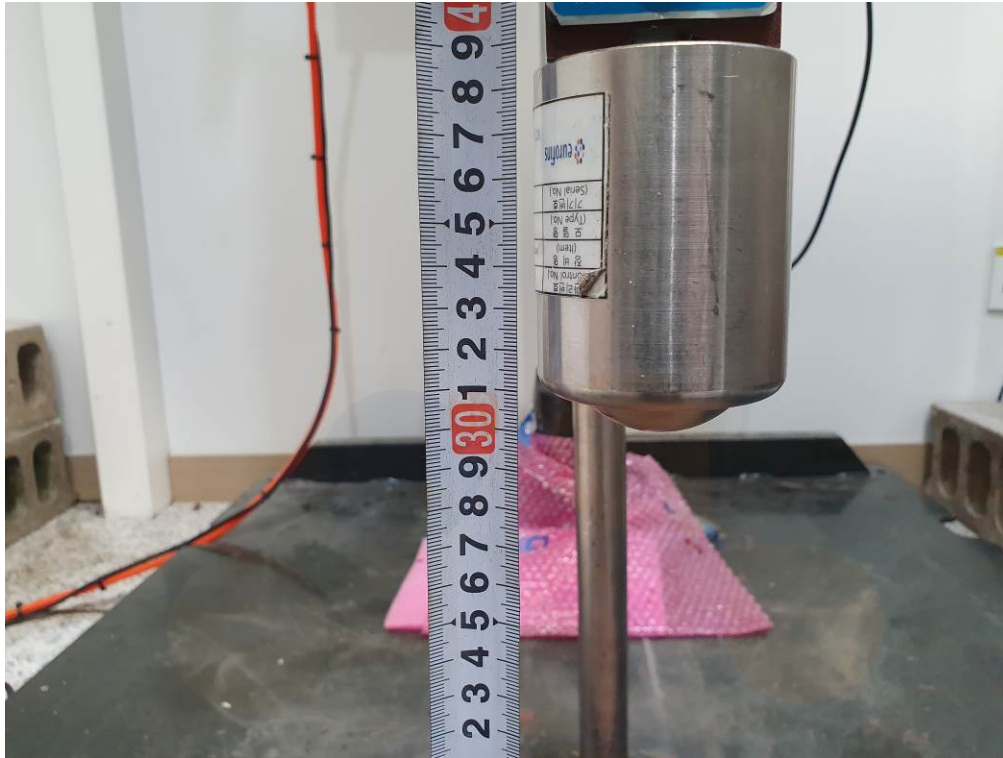


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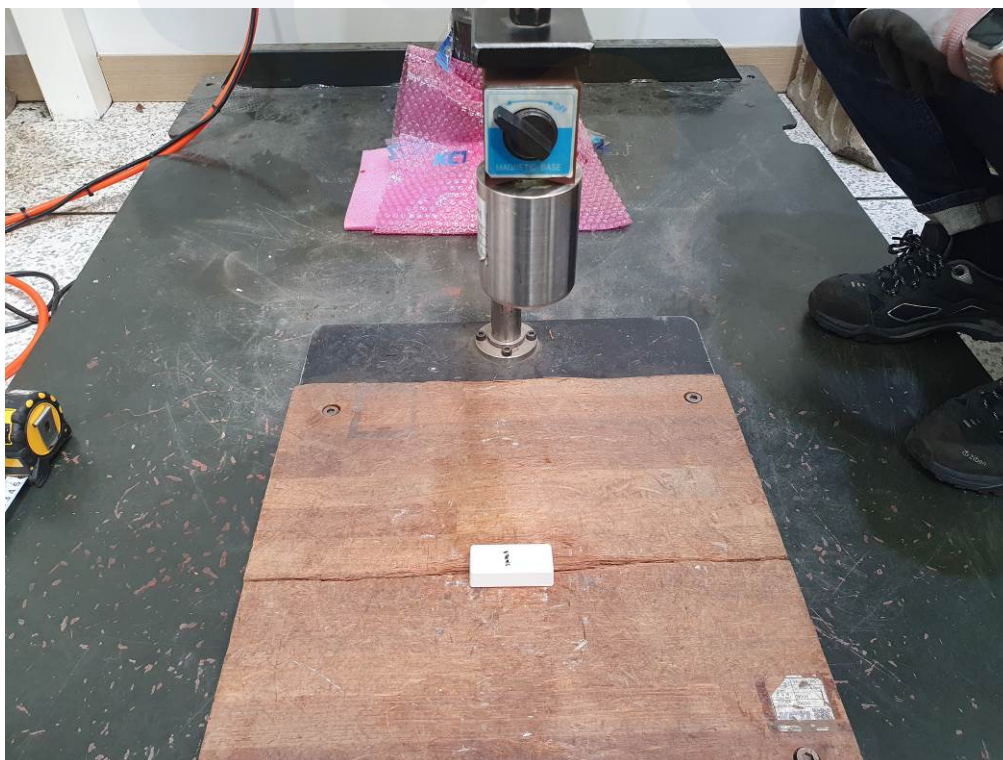
3.1.4 Test Result

Check List	Test Result
1. Visual inspection after impact test - Damage, crack, separation occur	No abnormality was found
2. Protected against access to hazardous parts	No abnormality was found

3.1.5 Test photograph



[Test height check_300 mm]



[During test]

3.1.6 Test Result Photograph



[Test result confirmation 01]



[Test result confirmation 02]

-End-