

**TAIYO YUDEN CO., LTD. Wireless Module**

Purchase on Amazon: [Wireless Module](http://target.georiot.com/Proxy.ashx?tsid=17750&GR_URL=http%3A%2F%2Fwww.amazon.com%2Fgp%2Fsearch%3Fie%3DUTF8%26camp%3D1789%26creative%3D9325%26index%3D%2F%2F) ([http://target.georiot.com/Proxy.ashx?tsid=17750&GR\\_URL=http%3A%2F%2Fwww.amazon.com%2Fgp%2Fsearch%3Fie%3DUTF8%26camp%3D1789%26creative%3D9325%26index%3D%2F%2F](http://target.georiot.com/Proxy.ashx?tsid=17750&GR_URL=http%3A%2F%2Fwww.amazon.com%2Fgp%2Fsearch%3Fie%3DUTF8%26camp%3D1789%26creative%3D9325%26index%3D%2F%2F))

Driver and Software Downloads: [Driver Download](#)

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## Approved Operating Frequencies

Line Entry	Frequency Range	Power Output	Rule Parts
1	<a href="#">2402.00000000-2480.00000000</a> (/frequency-explorer.php?lower=2402.00000000&upper=2480.00000000)	0.0022000	<a href="#">15C</a> ( <a href="https://ecfr.io/Title-47/pt47.1.15#sp47.1.15.c">https://ecfr.io/Title-47/pt47.1.15#sp47.1.15.c</a> )

## Exhibits

[All](#)

Document	Type	Submitted Available
<a href="#">Users Manual</a> ( <a href="https://fccid.io/document.php?id=2717330">https://fccid.io/document.php?id=2717330</a> )	Users Manual Adobe Acrobat PDF (82 kB)	2015-08-18 <a href="#">2016-02-02</a>
Operational Description	Operational Description Adobe Acrobat PDF (42 kB)	2015-08-18
Antenna Info	Cover Letter(s) Adobe Acrobat PDF (146 kB)	2015-08-18 <a href="#">2015-08-20</a>
<a href="#">Test Report</a> ( <a href="https://fccid.io/document.php?id=2717335">https://fccid.io/document.php?id=2717335</a> )	Test Report Adobe Acrobat PDF (401 kB)	2015-08-18 <a href="#">2015-08-20</a>
Users Manual	Users Manual Adobe Acrobat PDF (82 kB)	2015-08-18 <a href="#">2016-02-02</a>
ID Label/Location Info	ID Label/Location Info Adobe Acrobat PDF (84 kB)	2015-08-18 <a href="#">2015-08-20</a>
<a href="#">Test Setup Photos</a> ( <a href="https://fccid.io/document.php?id=2717331">https://fccid.io/document.php?id=2717331</a> )	Test Setup Photos Adobe Acrobat PDF (497 kB)	2015-08-18 <a href="#">2016-02-02</a>
RF Exposure Info	RF Exposure Info Adobe Acrobat PDF (106 kB)	2015-08-18 <a href="#">2015-08-20</a>
Block Diagram	Block Diagram Adobe Acrobat PDF (30 kB)	2015-08-18
<a href="#">RF Exposure Info</a> ( <a href="https://fccid.io/document.php?id=2717336">https://fccid.io/document.php?id=2717336</a> )	RF Exposure Info Adobe Acrobat PDF (106 kB)	2015-08-18 <a href="#">2015-08-20</a>

Document	Type	Submitted Available
<a href="https://fccid.io/document.php?id=2717308">Antenna Info</a> (https://fccid.io/document.php?id=2717308)	Cover Letter(s) Adobe Acrobat PDF (146 kB)	2015-08-18 <b>2015-08-20</b>
Internal Photos	Internal Photos Adobe Acrobat PDF (281 kB)	2015-08-18 <b>2016-02-02</b>
<a href="https://fccid.io/document.php?id=2717332">ID Label/Location Info</a> (https://fccid.io/document.php?id=2717332)	ID Label/Location Info Adobe Acrobat PDF (84 kB)	2015-08-18 <b>2015-08-20</b>
Schematics	Schematics Adobe Acrobat PDF (95 kB)	2015-08-18
BOM	Parts List/Tune Up Info Adobe Acrobat PDF (56 kB)	2015-08-18
<a href="https://fccid.io/document.php?id=2717347">Label Location</a> (https://fccid.io/document.php?id=2717347)	ID Label/Location Info Adobe Acrobat PDF (102 kB)	2015-08-18 <b>2015-08-20</b>
<a href="https://fccid.io/document.php?id=2717323">External Photos</a> (https://fccid.io/document.php?id=2717323)	External Photos Adobe Acrobat PDF (314 kB)	2015-08-18 <b>2016-02-02</b>
Label Location	ID Label/Location Info Adobe Acrobat PDF (102 kB)	2015-08-18 <b>2015-08-20</b>
<a href="https://fccid.io/document.php?id=2717333">Confidentiality</a> (https://fccid.io/document.php?id=2717333)	Cover Letter(s) Adobe Acrobat PDF (22 kB)	2015-08-18 <b>2015-08-20</b>
Test Report	Test Report Adobe Acrobat PDF (401 kB)	2015-08-18 <b>2015-08-20</b>
Confidentiality	Cover Letter(s) Adobe Acrobat PDF (22 kB)	2015-08-18 <b>2015-08-20</b>
<a href="https://fccid.io/document.php?id=2717328">Internal Photos</a> (https://fccid.io/document.php?id=2717328)	Internal Photos Adobe Acrobat PDF (281 kB)	2015-08-18 <b>2016-02-02</b>
Modular Approval Request	Cover Letter(s) Adobe Acrobat PDF (102 kB)	2015-08-18 <b>2015-08-20</b>
<a href="https://fccid.io/document.php?id=2717334">Modular Approval Request</a> (https://fccid.io/document.php?id=2717334)	Cover Letter(s) Adobe Acrobat PDF (102 kB)	2015-08-18 <b>2015-08-20</b>
Test Setup Photos	Test Setup Photos Adobe Acrobat PDF (497 kB)	2015-08-18 <b>2016-02-02</b>
External Photos	External Photos Adobe Acrobat PDF (314 kB)	2015-08-18 <b>2016-02-02</b>

# Correspondence

App #	Document	Date
1	<a href="https://fccid.io/document.php?id=2883259">[Re-Sent]Short-Term Confidential Expiration Email generated [Jan 25 2016]</a> ( <a href="https://fccid.io/document.php?id=2883259">https://fccid.io/document.php?id=2883259</a> )	2016-01-25 13:46:40
1	<a href="https://fccid.io/document.php?id=2883270">[Re-Sent]Short-Term Confidential Expiration Email generated [Jan 25 2016]</a> ( <a href="https://fccid.io/document.php?id=2883270">https://fccid.io/document.php?id=2883270</a> )	2016-01-25 13:51:37

# Application Forms

1 (2015-08-20)

Application for Equipment Authorization FCC Form 731 TCB Version

## Applicant Information

Applicant's complete, legal business name:[Taiyo Yuden Co., Ltd.](https://fccid.io/RYY) (<https://fccid.io/RYY>)

FCC Registration Number (FRN): [0008738361](https://fccid.io/RYY) (<https://fccid.io/RYY>)

Alphanumeric FCC ID: RYYEYSGCN

Unique Application Identifier: dS+2o9XPuKdhpK6usac1Uw==

Line one: 8-1 Sakae-Cho

City: Takasaki-Shi Gunma

State: N/A

Country: Japan

Zip Code: 370-8522

## TCB Information

TCB Application Email Address:[certification@telefication.com](mailto:certification@telefication.com)

TCB Scope: A4: UNII devices & low power transmitters using spread spectrum techniques

## FCC ID

Grantee Code:RYY

Product Code:EYSGCN

## Person at the applicant's address to receive grant or for contact

---

Name:Mitsuo Takagi

Telephone Number:81-27(323)2313Extension:

Fax Number:81-27(324)2314

Email: m-takagi@jty.yuden.co.jp

## Technical Contact

---

Firm Name:TAIYO YUDEN CO., LTD.

First Name:Manabu

Last Name:Satomi

Line 1: 8-1 Sakae-cho Takasaki-shi, Gunma,

Country: Japan

Telephone Number:81-27-324-2313  
Extension:

Fax Number:81-27-324-2314

E-Mail: [ty-approval@jty.yuden.co.jp](mailto:ty-approval@jty.yuden.co.jp) (mailto:ty-approval@jty.yuden.co.jp)

## Non Technical Contact

---

Firm Name:TAIYO YUDEN CO., LTD.

First Name:Kiyoko

Last Name:Kariya

Line 1: 8-1 Sakae-cho Takasaki-shi, Gunma,

Country: Japan

Telephone Number:81-27-324-2313Extension:

Fax Number:81-27-324-2314

E-Mail: ty-approval@jty.yuden.co.jp

## Long-Term Confidentiality

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Does this application include a request for confidentiality for any portion(s) of the data contained in this application pursuant to 47 CFR § 0.459 of the Commission Rules?: Yes

## Short-Term Confidentiality

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Does short-term confidentiality apply to this application?: Yes

If so, specify the short-term confidentiality release date (MM/DD/YYYY format): 02/02/2016

*Note: If no date is supplied, the release date will be set to 45 calendar days past the date of grant.*

## Software Defined/Cognitive Radio

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Is this application for software defined/cognitive radio authorization? No

## Equipment Class

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Equipment Class: DTS - Digital Transmission System

Description of product as it is marketed: (NOTE: This text will appear below the equipment class Wireless Module on the grant):

## Related OET KnowledgeDataBase Inquiry

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Is there a KDB inquiry associated with this application? No

## Modular Equipment

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Modular Type: Single Modular Approval

## Application Purpose

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Application is for: Original Equipment

## Composite/Related Equipment

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Is the equipment in this application a composite device subject to an additional equipment authorization? No  
Is the equipment in this application part of a system that operates with, or is marketed with, another device that requires an equipment authorization? No

## Test Firm Information

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Name of test firm and contact person on file with the FCC:

Firm Name: [Bureau Veritas Consumer Products Services \(Hong Ko \(/Test-Firm/Bureau-Veritas-Consumer-Products-Services-Hong-Ko\)](#)

First Name: Richard

Last Name: Chen

Telephone Number: 886-3-3183232 Extension: 1884

Fax Number: +886 3 2115834

E-mail: [richard.chen@tw.bureauveritas.com](mailto:richard.chen@tw.bureauveritas.com)

## Grant Comments

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Enter any text that you would like to appear at the bottom of the Grant of Equipment Authorization:

Output power listed is conducted. This grant is valid only when the module is sold to OEM integrators and must be installed by the OEM or OEM integrators. The antenna's as listed in this application must not be co-located or operating in conjunction with any other antenna or transmitter. End-users may not be provided with the module installation instructions. OEM integrators and end-users must be provided with transmitter operating conditions for satisfying RF exposure compliance.

Set the grant of this application to be deferred to a specified date:

No

## Equipment Authorization Waiver

Is there an equipment authorization waiver associated with this application? No

If there is an equipment authorization waiver associated with this application, has the associated waiver been approved and all information uploaded?: No

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

## SECTION 5301 (ANTI-DRUG ABUSE) CERTIFICATION:

The applicant must certify that neither the applicant nor any party to the application is subject to a denial of Federal benefits, that include FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. § 862 because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the definition of a "party" for these purposes.

Does the applicant or authorized agent so certify? Yes

## Applicant/Agent Certification:

I certify that I am authorized to sign this application. All of the statements herein and the exhibits attached hereto, are true and correct to the best of my knowledge and belief. In accepting a Grant of Equipment Authorization as a result of the representations made in this application, the applicant is responsible for (1) labeling the equipment with the exact FCC ID specified in this application, (2) compliance statement labeling pursuant to the applicable rules, and (3) compliance of the equipment with the applicable technical rules. If the applicant is not the actual manufacturer of the equipment, appropriate arrangements have been made with the manufacturer to ensure that production units of this equipment will continue to comply with the FCC's technical requirements.

Authorizing an agent to sign this application, is done solely at the applicant's discretion; however, the applicant remains responsible for all statements in this application.

If an agent has signed this application on behalf of the applicant, a written letter of authorization which includes information to enable the agent to respond to the above section 5301 (Anti-Drug Abuse) Certification statement has been provided by the applicant. It is understood that the letter of authorization must be submitted to the FCC upon request, and that the FCC reserves the right to contact the applicant directly at any time.

Signature of Authorized Person Filing: Manabu Satomi

Title of authorized signature: Deputy Manager

**Applications are submitted for FCC ID and Grant requests. Click an above application to view details**

## Grants

[1 TCB \(2015-08-20\)](#)[1 EAS \(2015-08-20\)](#)

TCB

GRANT OF EQUIPMENT  
AUTHORIZATION

TCB

## Certification

Issued Under the Authority of the  
Federal Communications Commission

By:

Telefication B.V.  
Edisonstraat 12a  
Zevenaar, NL-6902 PK  
Netherlands

Date of Grant: 08/20/2015

Application Dated: 08/18/2015

**Taiyo Yuden Co., Ltd.**  
**8-1 Sakae-Cho**  
**Takasaki-Shi Gunma, 370-8522**  
**Japan****Attention: Mitsuo Takagi****NOT TRANSFERABLE**EQUIPMENT AUTHORIZATION is hereby issued to the named  
GRANTEE, and is VALID ONLY for the equipment identified hereon for  
use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER: RYYEYSGCN

**Name of Grantee:** Taiyo Yuden Co., Ltd.**Equipment Class:** Digital Transmission System**Notes:** Wireless Module**Modular Type:** Single Modular

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
	<b>15C</b>	<b>2402.0 - 2480.0</b>	<b>0.0022</b>		

Output power listed is conducted. This grant is valid only when the module is sold to OEM integrators and must be installed by the OEM or OEM integrators. The antenna's as listed in this application must not be co-located or operating in conjunction with any other antenna or transmitter. End-users may not be provided with the module installation instructions. OEM integrators and end-users must be provided with transmitter operating conditions for satisfying RF exposure compliance.

**Grants authorize equipment for operation at approved frequencies and sale within the USA. Click an above grant to view details**





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(<https://plus.google.com>

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