FCC ID T4KD878UV

T4K-D878UV, T4K D878UV, T4KD878UV

Qixiang Electron Science& Technology Co., Ltd Digital DMR and analog UHF/VHF Two Way Radio **D878UV**

An FCC ID is the product ID assigned by the FCC to identify wireless products in the market. The FCC chooses 3 or 5 character "Grantee" codes to identify the business that created the product. For example, the grantee code for **FCC ID: T4KD878UV** is **T4K (https://fccid.io/T4K)**. The remaining characters of the FCC ID, **D878UV**, are often associated with the product model, but they can be random. These letters are chosen by the applicant. In addition to the application, the FCC also publishes ***internal images, external images, user manuals, and test results*** for wireless devices. They can be under the "exhibits" tab below.

Application: Digital DMR and analog UHF/VHF Two Way Radio

Equipment Class: TNF - Licensed Non-Broadcast Transmitter Held to Face

Alternate Sources: FCC.gov (https://gov.fccid.io/T4KD878UV) | FCC.report (https://fcc.report/FCC-ID/T4KD878UV)

Registered By: Qixiang Electron Science& Technology Co., Ltd - T4K (China) (https://fccid.io/T4K)

App #	Purpose	Date	Unique ID
1	Original Equipment	2018-11-02	E7+DGqmjzhNJTnL1LUQ/ew==
2	Original Equipment	2018-11-02	qbsrYJZhkHVvDwmF9P5AAw==
3	Original Equipment	2018-11-02	BuK7SLc+AewS7CqTSIfZJw==

Operating Frequencies

Frequency Range	Power Output	Tolerance	Emission Designator	Rule Parts
88.1-107.9 MHz (/frequency-explorer.php?lower=88.10000000&upper=107.90000000)			(/Emissions-Designator/)	15B (https://ecfr.io/47/pt47.1.15#sp47
136-174 MHz (/frequency-explorer.php?lower=136&upper=174)	7 Watts	5ppm	7K60FXD (/Emissions-Designator/7K60FXD)	22 (https://ecfr.io/T47/pt47.2.22), 9 (https://ecfr.io/Title47/pt47.1.9)
136-174 MHz (/frequency-explorer.php?lower=136&upper=174)	7 Watts	5ppm	7K60FXW (/Emissions-Designator/7K60FXW)	22 (https://ecfr.io/T47/pt47.2.22), 9 (https://ecfr.io/Title47/pt47.1.9)

Frequency Range	Power Output	Tolerance	Emission Designator	Rule Parts
136-174 MHz (/frequency-explorer.php?lower=136&upper=174)	200 mW	5ppm	11K0F3E (/Emissions-Designator/11K0F3E)	22 (https://ecfr.io/Title-47/pt47.2.22), 9 (https://ecfr.io/Title-47/pt47.1.9)
136-174 MHz (/frequency-explorer.php?lower=136&upper=174)	200 mW	5ppm	7K60FXD (/Emissions-Designator/7K60FXD)	22 (https://ecfr.io/Title-47/pt47.2.22), 9 (https://ecfr.io/Title-47/pt47.1.9)
136-174 MHz (/frequency-explorer.php?lower=136&upper=174)	200 mW	5ppm	7K60FXW (/Emissions-Designator/7K60FXW)	22 (https://ecfr.io/Title-47/pt47.2.22), 9 (https://ecfr.io/Title-47/pt47.1.9)
406.1-480 MHz (/frequency-explorer.php?lower=406.1&upper=480)	200 mW	5ppm	11K0F3E (/Emissions-Designator/11K0F3E)	22 (https://ecfr.io/Title-47/pt47.2.22), 9 (https://ecfr.io/Title-47/pt47.1.9)
406.1-480 MHz (/frequency-explorer.php?lower=406.1&upper=480)	6 Watts	5ppm	11K0F3E (/Emissions-Designator/11K0F3E)	22 (https://ecfr.io/Title-47/pt47.2.22), 9 (https://ecfr.io/Title-47/pt47.1.9)
406.1-480 MHz (/frequency-explorer.php?lower=406.1&upper=480)	6 Watts	5ppm	7K60FXD (/Emissions-Designator/7K60FXD)	22 (https://ecfr.io/Title-47/pt47.2.22), 9 (https://ecfr.io/Title-47/pt47.1.9)

Frequency Range	Power Watts	Tolerance	Emission Designator	Rule Parts
406.1-480 MHz (/frequency-explorer.php?lower=406.1&upper=480)		5ppm	7K60FXW (/Emissions-Designator/7K60FXW)	22 (https://ecfr.io/T 47/pt47.2.22), 9 (https://ecfr.io/Title 47/pt47.1.9)
406.1-480 MHz (/frequency-explorer.php?lower=406.1&upper=480)	200 mW	5ppm	7K60FXD (/Emissions-Designator/7K60FXD)	22 (https://ecfr.io/T 47/pt47.2.22), 9 (https://ecfr.io/Title 47/pt47.1.9)
406.1-480 MHz (/frequency-explorer.php?lower=406.1&upper=480)	200 mW	5ppm	7K60FXW (/Emissions-Designator/7K60FXW)	22 (https://ecfr.io/T 47/pt47.2.22), 9 (https://ecfr.io/Title 47/pt47.1.9)
2.402-2.48 GHz (/frequency-explorer.php?lower=2402.00000000&upper=2480.00000000)	1.4 mW		(/Emissions-Designator/)	15C (https://ecfr.io 47/pt47.1.15#sp47

Exhibits

All | 1 (2018-11-02) | 2 (2018-11-02) | 3 (2018-11-02)

Available Exhibits

App #	Document	Type	Submitted Available

App #	Document	Type	Submitted Available
3	user manual (https://fccid.io/T4KD878UV/Users-Manual/user-manual-4057950)	Users Manual Adobe Acrobat PDF (1151 kB)	2018-11-02 **2018-11-02**
3	label Statement (https://fccid.io/T4KD878UV/Letter/label-Statement-4057949)	Cover Letter(s) Adobe Acrobat PDF (16 kB)	2018-11-02 **2018-11-02**
3	Int photos (https://fccid.io/T4KD878UV/Internal-Photos/Int-photos-4057948)	Internal Photos Adobe Acrobat PDF (1857 kB)	2018-11-02 **2018-11-02**
3	Label and Location Info (https://fccid.io/T4KD878UV/Label/Label-and-Location-Info-4057947)	ID Label/Location Info Adobe Acrobat PDF (131 kB)	2018-11-02 **2018-11-02**
3	Ext photos (https://fccid.io/T4KD878UV/External-Photos/Ext-photos-4057946)	External Photos Adobe Acrobat PDF (811 kB)	2018-11-02 **2018-11-02**
3	LTC Request (https://fccid.io/T4KD878UV/Letter/LTC-Request-4057945)	Cover Letter(s) Adobe Acrobat PDF (141 kB)	2018-11-02 **2018-11-02**
3	Calibration Data II (https://fccid.io/T4KD878UV/RF-Exposure-Info/Calibration-Data-II-4057944)	RF Exposure Info Adobe Acrobat PDF (4174 kB)	2018-11-02 **2018-11-02**
3	Calibration Data (https://fccid.io/T4KD878UV/RF-Exposure-Info/Calibration-Data-4057943)	RF Exposure Info Adobe Acrobat PDF (4701 kB)	2018-11-02 **2018-11-02**
3	test setup photos (https://fccid.io/T4KD878UV/Test-Setup-Photos/test-setup-photos-4057942)	Test Setup Photos Adobe Acrobat PDF (246 kB)	2018-11-02 **2018-11-02**

App #	Document	Type	Submitted Available
3	Frequency Band (https://fccid.io/T4KD878UV/Letter/Frequency-Band-4057941)	Cover Letter(s) Adobe Acrobat PDF (167 kB)	2018-11-02 2018-11-02
3	test report II (https://fccid.io/T4KD878UV/Test-Report/test-report-II-4057940)	Test Report Adobe Acrobat PDF (5429 kB)	2018-11-02 2018-11-02
3	Test report (https://fccid.io/T4KD878UV/Test-Report/Test-report-4057939)	Test Report Adobe Acrobat PDF (2463 kB)	2018-11-02 2018-11-02
3	SAR Report (https://fccid.io/T4KD878UV/RF-Exposure-Info/SAR-Report-4057938)	RF Exposure Info Adobe Acrobat PDF (2034 kB)	2018-11-02 2018-11-02
3	Attestation Letter (https://fccid.io/T4KD878UV/Attestation-Statements/Attestation-Letter-4057937)	Attestation Statements Adobe Acrobat PDF (2117 kB)	2018-11-02 2018-11-02
2	user manual (https://fccid.io/T4KD878UV/Users-Manual/user-manual-4057929)	Users Manual Adobe Acrobat PDF (1151 kB)	2018-11-02 2018-11-02
2	label Statement (https://fccid.io/T4KD878UV/Letter/label-Statement-4057928)	Cover Letter(s) Adobe Acrobat PDF (16 kB)	2018-11-02 2018-11-02
2	Int photos (https://fccid.io/T4KD878UV/Internal-Photos/Int-photos-4057927)	Internal Photos Adobe Acrobat PDF (1857 kB)	2018-11-02 2018-11-02
2	Label and Location Info (https://fccid.io/T4KD878UV/Label/Label-and-Location-Info-4057926)	ID Label/Location Info Adobe Acrobat PDF (131 kB)	2018-11-02 2018-11-02

App #	Document	Type	Submitted Available
2	Ext photos (https://fccid.io/T4KD878UV/External-Photos/Ext-photos-4057925)	External Photos Adobe Acrobat PDF (811 kB)	2018-11-02 **2018-11-02**
2	LTC Request (https://fccid.io/T4KD878UV/Letter/LTC-Request-4057924)	Cover Letter(s) Adobe Acrobat PDF (141 kB)	2018-11-02 **2018-11-02**
2	test setup photos (https://fccid.io/T4KD878UV/Test-Setup-Photos/test-setup-photos-4057916)	Test Setup Photos Adobe Acrobat PDF (304 kB)	2018-11-02 **2018-11-02**
2	test report (https://fccid.io/T4KD878UV/Test-Report/test-report-4057915)	Test Report Adobe Acrobat PDF (3836 kB)	2018-11-02 **2018-11-02**
1	user manual (https://fccid.io/T4KD878UV/Users-Manual/user-manual-4057902)	Users Manual Adobe Acrobat PDF (1151 kB)	2018-11-02 **2018-11-02**
1	label Statement (https://fccid.io/T4KD878UV/Letter/label-Statement-4057901)	Cover Letter(s) Adobe Acrobat PDF (16 kB)	2018-11-02 **2018-11-02**
1	Int photos (https://fccid.io/T4KD878UV/Internal-Photos/Int-photos-4057900)	Internal Photos Adobe Acrobat PDF (1857 kB)	2018-11-02 **2018-11-02**
1	Label and Location Info (https://fccid.io/T4KD878UV/Label/Label-and-Location-Info-4057899)	ID Label/Location Info Adobe Acrobat PDF (131 kB)	2018-11-02 **2018-11-02**
1	Ext photos (https://fccid.io/T4KD878UV/External-Photos/Ext-photos-4057898)	External Photos Adobe Acrobat PDF (811 kB)	2018-11-02 **2018-11-02**

App #	Document	Type	Submitted Available
1	LTC Request (https://fccid.io/T4KD878UV/Letter/LTC-Request-4057897)	Cover Letter(s) Adobe Acrobat PDF (141 kB)	2018-11-02 **2018-11-02**
1	test setup photos (https://fccid.io/T4KD878UV/Test-Setup-Photos/test-setup-photos-4057889)	Test Setup Photos Adobe Acrobat PDF (311 kB)	2018-11-02 **2018-11-02**
1	test report (https://fccid.io/T4KD878UV/Test-Report/test-report-4057888)	Test Report Adobe Acrobat PDF (1026 kB)	2018-11-02 **2018-11-02**

Application Forms

1 (2018-11-02) 2 (2018-11-02) 3 (2018-11-02)

Application for Equipment Authorization FCC Form 731 TCB Version

Applicant Information

Applicant's complete, legal business name:	Qixiang Electron Science& Technology Co., Ltd (https://fccid.io/T4K)
FCC Registration Number (FRN):	0014815799 (https://fccid.io/T4K)
Alphanumeric FCC ID:	T4KD878UV
Unique Application Identifier:	E7+DGqmjzhNJTnL1LUQ/ew==
Line one:	Qixiang Building, Tangxi Industrial Zone, Luojiang
City:	Quanzhou, Fujian
State:	N/A
Country:	China
Zip Code:	362011

TCB Information

TCB Information

TCB Application Email Address:	khalek.yassine@phoenix-testlab.de
TCB Scope:	A1: Low Power Transmitters below 1 GHz (except Spread Spectrum), Unintentional Radiators, EAS (Part 11) & Consumer ISM devices

FCC ID

Grantee Code: T4K
Product Code: D878UV

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

Name: Ken Xu
Telephone Number: 86-592-22652998 Extension:
Fax Number: 86-595-22656927
Email: ken6833@qxdz.cn

Long-Term Confidentiality

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

Does short-term confidentiality apply to this application?: No
If so, specify the short-term confidentiality release date (MM/DD/YYYY format):
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

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

Equipment Class

Equipment Class: JAV - Other Non-Digital SDoC Devices
Description of product as it is marketed: (NOTE: This text will appear below the equipment class on the grant): Digital DMR and analog UHF/VHF Two Way Radio

Related OET KnowledgeDataBase Inquiry

Is there a KDB inquiry associated with this application? No

Modular Equipment

Modular Type: Does not apply

Application Purpose

Application is for: Original Equipment

Composite/Related Equipment

Is the equipment in this application a composite device subject to an additional equipment authorization? Yes
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

Name of test firm and contact person on file with the FCC:
Firm Name: Shenzhen HUAK Testing Technology Co., Ltd. (/Test-Firm/Shenzhen-HUAK-Testing-Technology-Co-Ltd)
First Name: Jason
Last Name: Zhou
Telephone Number: +86-755-23029901 Extension:
E-mail: jason@cer-mark.com

Grant Comments

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: Ken Xu
Title of authorized signature:

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

Grants

1 TCB (2018-11-02) | 1 EAS (2018-11-02) | 2 TCB (2018-11-02) | 2 EAS (2018-11-02)

3 TCB (2018-11-02) | 3 EAS (2018-11-02)

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FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, D.C. 20554

COPY

GRANT OF EQUIPMENT AUTHORIZATION
Certification

Qixiang Electron Science& Technology Co., Ltd
Qixiang Building, Tangxi Industrial Zone, Luojiang
Quanzhou, Fujian, 362011
China

Date of Grant: 11/02/2018

Application Dated: 11/02/2018

Attention: Ken Xu

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: T4KD878UV
Name of Grantee: Qixiang Electron Science& Technology Co., Ltd
Equipment Class: **Licensed Non-Broadcast Transmitter Held to Face**
Notes: **Digital DMR and analog UHF/VHF Two Way Radio**
Modular Type: **Does not apply**

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
EF	**22, 90**	**136.0 - 174.0**	**7.0**	**5.0 PM**	**11K0F3E**
EF ES	**22, 90**	**136.0 - 174.0**	**7.0**	**5.0 PM**	**7K60FXD**
EF ES	**22, 90**	**136.0 - 174.0**	**7.0**	**5.0 PM**	**7K60FXW**
EF	**22, 90**	**406.1 - 480.0**	**6.0**	**5.0 PM**	**11K0F3E**
EF ES	**22, 90**	**406.1 - 480.0**	**6.0**	**5.0 PM**	**7K60FXD**
EF ES	**22, 90**	**406.1 - 480.0**	**6.0**	**5.0 PM**	**7K60FXW**
EF	**22, 90**	**136.0 - 174.0**	**0.2**	**5.0 PM**	**11K0F3E**
EF ES	**22, 90**	**136.0 - 174.0**	**0.2**	**5.0 PM**	**7K60FXD**
EF ES	**22, 90**	**136.0 - 174.0**	**0.2**	**5.0 PM**	**7K60FXW**
EF	**22, 90**	**406.1 - 480.0**	**0.2**	**5.0 PM**	**11K0F3E**
EF ES	**22, 90**	**406.1 - 480.0**	**0.2**	**5.0 PM**	**7K60FXD**
EF ES	**22, 90**	**406.1 - 480.0**	**0.2**	**5.0 PM**	**7K60FXW**

Power output listed is rated conducted. This device must be restricted to work-related operations only in an Occupational/Controlled RF exposure environment and must operate with a duty factor not exceeding 50%. All qualified end-users of this device must have the knowledge to control their exposure conditions and/or duration to comply with Occupational /Controlled Exposure limit and requirements. A label, as described in this filing, must be displayed on the device to direct users to specific training information for meeting Occupational Exposure Requirements. Body-worn SAR compliance is limited to belt-clips, holsters or similar accessories that have no metallic component in the assembly and must provide a minimum of 2.5cm between the device, including its antenna, and the user's body. The highest reported SAR values for Face held and Body-worn accessory are for VHF: 0.27 W/Kg and 0.5 W/Kg for UHF: 0.48 W/kg and 2.99 W/kg respectively when operating at 50% duty cycle.

EF: This device may contain functions that are not operational in U.S Territories except as noted in the filing. This grant has extended frequencies as noted in the filing and Section 2.927(b) applies to this authorization.

ES: This equipment is capable of supporting a minimum data rate of 4800 bits per second per 6.25 kHz of channel bandwidth.

Mail To:

EA551671

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