

*Eurofins Electrical and Electronic Testing NA, Inc. is part of the Eurofins Electrical & Electronics (E&E) global compliance network*

**Applicant / Grantee Holder Information**

This section is for information about who will have ownership of the grant and, therefore, will be responsible for any audits or actions regarding the grant listed with the FCC. To search the FCC Database to verify that the information is valid, visit the [FCC Grantee Search Website](#). To register for a Grantee Code, visit the [FCC Grantee Registration Website](#) (please note, there is a one-time fee that applicants must pay directly to the FCC in order to obtain a Grantee Code). If modifications need to be made to the Grantee information, visit the [FCC Grantee Modification Website](#).

<p><b><u>Applicant Business Name, as listed in the FCC Grantee Database:</u></b></p>	<p>Guangzhou Havit Technology Co., Ltd</p>	
<p><b><u>Applicant Mailing Address, as listed in the FCC Grantee Database:</u></b></p> <p>This information must be valid. If the address listed with the FCC is no longer with the Applicant company address, <u>the applicant is responsible for updating the address information.</u></p>	<p>Street Address (1):</p>	<p>ROOM 1307,13F,PHASE 2 B,C BUILDING OF POLY WORLD</p>
	<p>Street Address (2):</p>	<p>TRADE CENTER,NO.1000,XINGANG EAST ROAD,HAIZHU</p>
	<p>City:</p>	<p>GUANGDONG</p>
	<p>State:</p>	
	<p>Zip Code/Postal Code:</p>	<p>510000</p>
	<p>Country:</p>	<p>China</p>
<p><b><u>Applicant Grantee Contact, as listed in the FCC Grantee Database:</u></b></p> <p>This information must be valid. If the contact listed with the FCC is no longer with the Applicant company, <u>the applicant is responsible for updating the contact information.</u></p>	<p>Full Name:</p>	<p>Yang Wei</p>
	<p>Job Title:</p>	<p>Manager</p>
	<p>Telephone Number:</p>	<p>+86-20-66820279</p>
	<p>Fax Number:</p>	<p>+86-20-66856369</p>
	<p>Email Address:</p>	<p>haviteg19@havitec.com.cn</p>

**Certification Information**

This section is for information about the certification registration that will be listed on the FCC database. This information must be valid and correct throughout all exhibit types supporting the application. The above Grantee Registration will provide a Grantee Code. To verify, obtain or modify the FRN information, visit the [FCC FRN Registration System Website](#).

<p><b><u>FCC ID:</u></b></p> <p>The FCC ID is created by the applicant. It is composed of the assigned Grantee Code and a unique product number (UPN) of the applicants own choosing. The UPN may be between 1 and 14 alphanumeric characters. Dashes are allowed. Letters must be uppercase. No other spaces or symbols allowed.</p>	<p>Assigned FCC Grantee Code:</p>	<p>2AI6I</p>
	<p>Unique Product Number:</p>	<p>BC211013F</p>
	<p>Complete FCC ID:</p>	<p>2AI6IBC211013F</p>
<p><b><u>FCC Registration Number (FRN), as listed in the FCC FRN Database:</u></b></p> <p>This information must be valid. If the FRN information listed with the FCC is no longer valid, <u>the applicant is responsible for updating the FRN information.</u></p>	<p>0025744657</p>	

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**Contact Information**

This section is for information about the technical and non-technical contact information. This may or may not be the Grantee Contact. This information is used if there are issues with the application or if the product undergoes FCC post-market audit surveillance, and the TCB or the FCC needs to reach out to the applicant to address.

<b><u>Technical Contact:</u></b>	Company Name:	Shenzhen BCTC Testing Co., Ltd.
	Contact First Name:	Alan
	Contact Last Name:	Mei
	Street Address (1):	1-2/F., Building B, Pengzhou Industrial Park,
	Street Address (2):	No.158, Fuyuan 1st Road, Tangwei, Fuhai Subdistrict,
	City:	Bao'an District, Shenzhen, Guangdong
	State:	
	Zip Code/Postal Code:	
	Country:	China
	Telephone Number:	+86-755-36882589
	Fax Number:	+86-755-36882589
	Email Address:	alan.mei@bctc-lab.com.cn
<b><u>Non-Technical Contact:</u></b> Only fill out if <u>DIFFERENT</u> from the technical contact / Grantee Code Contact.	Company Name:	
	Contact First Name:	
	Contact Last Name:	
	Street Address (1):	
	Street Address (2):	
	City:	
	State:	
	Zip Code/Postal Code:	
	Country:	
	Telephone Number:	
	Fax Number:	
	Email Address:	

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**Confidentiality Information**

The FCC allows two types of confidentiality – Long Term and Short Term. Long Term Confidentiality ensures that requested exhibits/documents are never made available to the public. Short Term Confidentiality allows for certain exhibits/documents to remain unavailable to the public for up to 180 days after the FCC Grant has been issued. The FCC has very specific rules regarding confidentiality, which are found in the [FCC KDB 726920 D01](#). Selecting confidentiality on this form does not guarantee confidentiality. A letter of confidentiality (long term, short term, or both) is also required. Letter Examples are provided at end of this form.

**Confidentiality Exhibit Types Allowed**

Exhibits	Allowed for Long Term Confidentiality*	Allowed for Short Term Confidentiality
ID Label and Label Location	No	No
Attestation Statements	No	No
External Photos	No	Yes
Block Diagram	Yes	Yes
Schematics	Yes	Yes
Test Report	No	No
Test Setup Photos	No	Yes
User Manual	***	Yes
Internal Photos	***	Yes
Parts List / Tune Up Procedure	Yes	Yes
RF Exposure / MPE / SAR	No	No
Operational Description	Yes	Yes
Cover Letter(s)	No	No
SDR Software / Security Info **	Yes	No

\* There are exceptional circumstances. See Below

\*\* Automatically held for Long Term Confidentiality

\*\*\* Long Term Confidentiality may be permitted under special conditions. See Below.

Exceptional circumstances require that the applicant request additional confidentiality through the FCC KDB Pre-Approval Guidance (PAG) system, which will be determined by a case-by-case basis.

Special Circumstances for Manuals and Internal Photos to be held for long term confidentiality as long as the product meets certain criteria (circuit board enclosed in epoxy, installed and accessible only by professional authorities under a Non-Disclosure Agreement, etc.)

Does this application include a request for <b>Long Term Confidentiality</b> :	Yes or No: Yes
Does this application include a request for <b>Short Term Confidentiality</b> :	Yes or No: No
If Short Term Confidentiality is selected, enter the standard “45 Days” confidentiality, or provide a date for short term confidentiality to expire. Date cannot exceed 180 days from time of grant issued.	

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**Deferment:**

According to FCC rules, 47 CFR § 0.457(d)(1)(ii), “applications for equipment authorizations (type acceptance, type approval, certification or advance approval of subscription television systems), and materials relating to such applications, are not routinely available for public inspection prior to the effect date of the authorization. The effective date of the authorization will, upon request, be deferred to a date no earlier than that specified by the applicant. Following the effective date of the authorization, the application and related materials (including technical specifications and test measurements) will be made available for inspection upon request (see § 0.460). Portions of applications for equipment certification of scanning receivers and related materials will not be made available for inspection.

Does the applicant request that the Commission defer grant of this application pursuant 47 CFR § 0.457(d)(1)(ii)?	Yes or No: <b>No</b>
If so, specify date when grant may be issued:	

**Software Defined / Cognitive Radio:**

The FCC rules (47 CFR § 2.944) require that any radio, in which the software is designed or expected to be modified by a party other than the manufacturer that would affect the operating parameters of frequency range, modulation type, maximum output power or other radio frequency parameters outside the range under which the transmitter has been approved in accordance with the Commission rules, must comply with the requirements in Section 2.944 (a) and must be certified as a software defined radio.

Is this application for software defined / cognitive radio authorization?	Yes or No: <b>No</b>
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**Equipment Description Information:**

Please provide information regarding the device for certification.

<p><b>Equipment Class</b> To identify the equipment class, please select from the FCC’s Equipment Class list: <a href="https://apps.fcc.gov/oetcf/eas/reports/EquipmentRulesList.cfm">https://apps.fcc.gov/oetcf/eas/reports/EquipmentRulesList.cfm</a></p>	<b>DSS</b>	
<p><b>Description of Product as it is Marketed</b> This information will appear on the grant. This only needs to be a few words to describe the product; such as “mobile phone” or “Bluetooth speaker”.</p>	<b>True Wireless Earbuds</b>	
<p><b>KDB Inquiry</b> Did the lab or TCB need to make an inquiry to the FCC before approval of this application (such as a PAG)?</p>	Yes or No:	<b>No</b>
	If so, please provide the tracking Number	

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**Application Description Information:**

Please provide information regarding the application type for certification.

<p><b><u>Original Equipment</u></b> Select if this is a new product or obtaining a new ID. New applications require a full set of supporting documents for authorization.</p>	<p>Yes or No: <b>Yes</b></p>	
<p><b><u>Change in ID</u></b> Select if there is approval to place a new ID on an existing product. A Change in ID request does require an authorization letter from the original Grantee before approval. Please refer to <a href="#">KDB 178919</a></p>	<p>Yes or No: <b>No</b></p>	
	<p>Original FCC ID:</p>	
	<p>Original FCC ID grant date:</p>	
<p><b><u>Class II Permissive Change</u></b> Select if changes are being made to a previously approved/granted device that resulted in a change in the grant. Please refer to <a href="#">KDB 178919</a>. A letter fully detailing the changes will be required.</p>	<p>Yes or No:</p>	<p><b>No</b></p>
	<p>If Yes, please briefly describe changes:</p>	
<p><b><u>Modular Approval</u></b> Select if equipment undergoing authorization is to be granted as a module. Please refer to <a href="#">KDB 996369</a> for modular approval guidelines. A modular approval letter will be required.</p>	<p>Does Not Apply</p>	<p><input checked="" type="checkbox"/></p>
	<p>Single Modular Transmitter</p>	<p><input type="checkbox"/></p>
	<p>Limited Single Modular Transmitter</p>	<p><input type="checkbox"/></p>
	<p>Split-Modular Transmitter</p>	<p><input type="checkbox"/></p>
	<p>Limited Split-Modular Transmitter</p>	<p><input type="checkbox"/></p>
<p><b><u>Is a Pre-Approved Modular device being used for this application?</u></b> If the device undergoing authorization contains a pre-approved modular, please list the ID of that modular device. Information from the original grantee of the modular device may be required for approval (such as block diagrams, schematics, BOMs, authorization of use of modular device).</p>	<p>Pre-approved modular FCC ID:</p>	
<p><b><u>Test Laboratory Information</u></b></p>		
<p>Test Laboratory Name: Verify that the test lab has been accredited by the FCC to perform the required testing.</p>	<p><b>Shenzhen BCTC Testing Co., Ltd.</b></p>	
<p>Contact Name:</p>	<p><b>Alan Mei</b></p>	
<p>Telephone Number:</p>	<p><b>+86-755-36882589</b></p>	
<p>Fax Number:</p>	<p><b>+86-755-36882589</b></p>	
<p>Email Address:</p>	<p><b>alan.mei@bctc-lab.com.cn</b></p>	

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**Equipment Specifications:**

Please provide information regarding the application type for certification.

Rule Part	Frequency Range (MHz)*	Power (W)*	Frequency Tolerance and Units*	Emission Designator**
15.247	2402-2480	0.00155		

\* Note: Not all information is required – it’s dependent upon the testing performed for certification. This information may be completed by the test lab.

\*\* See FCC Rules, [Sections 2.201 and 2.202](#) to determine the emission designator.

**Composite Information**

FCC Rules 15.31(k) defines a composite as “a system that incorporates different devices contained either in a single enclosure or in separate enclosures connected by wire or cable. If the individual devices in a composite system are subject to different technical standards, each such device must comply with its specific standards.”

Is the equipment in this application a composite device subject to more than one type of equipment authorization? If the device is subject to more than one type of equipment class indicated in previous section, then the device is a composite.	Yes or No: <b>No</b>
Is the equipment in this application part of a system that operates with, or is marketed with, another device that requires an equipment authorization?	Yes or No: <b>No</b>
If “Yes” is select for EITHER option above, please fill out the below information.	
<b>The related application:</b>	
<input type="checkbox"/> has been granted under the FCC ID(s) listed to the right	FCC ID:
<input type="checkbox"/> is in the process of being filed under the FCC ID(s) listed to the right	FCC ID:
<input type="checkbox"/> is pending with the FCC under the FCC ID(s) listed to the right	FCC ID:
<input type="checkbox"/> has a mix of pending and granted statuses under the FCC ID(s) listed to the right	FCC ID:

**Anti-Drug Abuse – Section 5301**

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.

<b>Does the applicant or authorized agent so certify?</b>	<input checked="" type="checkbox"/> <b>Yes</b>	<input type="checkbox"/> <b>No</b>
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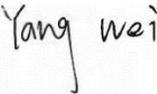
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**Authorization**

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 issued by the FCC 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.

<p><b>Signature of Authorized Person Filing:</b></p> 	<p><b>Title of authorized signature:</b> <b>Manager/Yang Wei</b></p>
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**Required Information Label and Manual Information**

Label:

Along with the FCC ID, the following is required on the label:

§15.19 (a)(3)

*This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.*

If the label is too small, this statement must be included in the user manual.

Manual:

§15.21

*Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.*

§15.105 (select one – either for a Class A device, or a Class B device)

Class A:

*NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.*

Class B:

*NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:*

- Reorient or relocate the receiving antenna.*
- Increase the separation between the equipment and receiver.*
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.*
- Consult the dealer or an experienced radio/ TV technician for help.*

§2.1093 – RF Exposure Information (if applicable)

**EXAMPLE:**

<p><b>Baltimore HQ</b> 914 W. Patapsco Ave. Baltimore, MD 21230</p>	<p><b>Union City</b> 33439 Western Ave. Union City, CA 94587</p>	<p><b>Santa Clara</b> 3162 Belick St. Santa Clara, CA 95054</p>	<p><b>Austin</b> 13501 McCallen Pass Austin, TX 78753</p>	<p><b>South East</b> 901 Sheldon Drive Cary, NC 27513</p>
<p><b>TCBJ FORM-4 Issued by: TCB Administrator</b></p>			<p><b>Revision 10</b></p>	<p><b>02/17/2021</b></p>

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*The antennas used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be located or operating in conjunction with any other antenna or transmitter.*

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**Baltimore HQ**  
914 W. Patapsco Ave.  
Baltimore, MD 21230

**Union City**  
33439 Western Ave.  
Union City, CA 94587

**Santa Clara**  
3162 Belick St.  
Santa Clara, CA 95054

**Austin**  
13501 McCallen Pass  
Austin, TX 78753

**South East**  
901 Sheldon Drive  
Cary, NC 27513