

Beijing Niu Technology C22K Bluetooth Module Instructions

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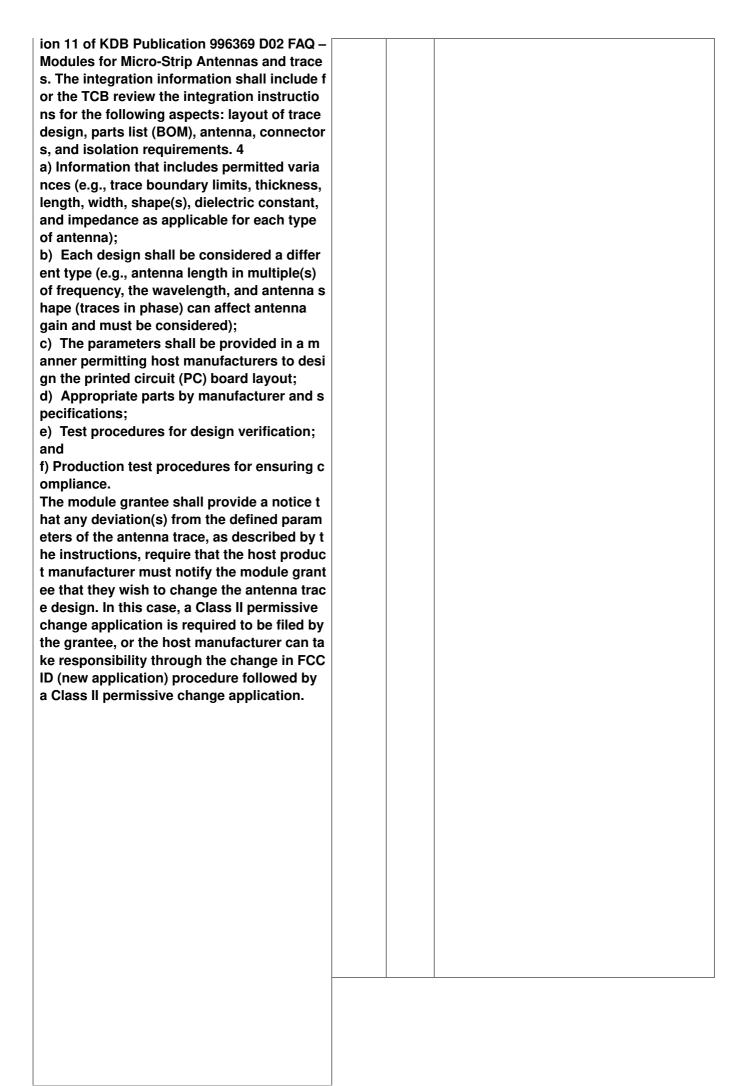
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Requirement	Yes	N/A	Comment

2.2 List of applicable FCC rules List the FCC rules that are applicable to the mo dular transmitter. These are the rules that specifically establish the bands of operation, th e power, spurious emissions, and operating fun damental frequencies. DO NOT list compliance to unintentional-radiator rules (Part 15 Subpart B) since that is not a condition of a module grant that is extended to a host manufacturer. S ee also Section 2.10 below concerning the nee d to notify host manufacturers that further testin g is required.3	YES	Refer to instruction FCC standards: FCC CFR Title 47 Part 15 S ubpart C Section 15.247
2.3 Summarize the specific operational use conditions Describe use conditions that are applicable to the modular transmitter, including for example any limits on antennas, etc. For example, if point-to-point antennas are used that require reduction in power or compensation for cable loss, then this information must be in the instructions. If the use condition limitations extend to professional users, then instructions must state that this information also extends to the host manufacturer's instruction manual. In addition, certain information may also be needed, such as peak gain per frequency band and minimum gain, specific ally for master devices in 5 GHz DFS bands.	YES	Refer to instruction The module is limited to the following antenn a: Antenna Type: PCB Antenna Antenna Gain: -1dBi

e.4 Limited module procedures If a modular transmitter is approved as a "limited module," then the module manufacturer is a possible for approving the host environment at the limited module is used with. The manufacturer of a limited module must describe, both the filing and in the installation instructions, the filing and in the installation instructions, the acturer uses to verify that the host meets the excessary requirements to satisfy the module initing conditions. A limited module manufacter has the flexibility to define its alternative mind to address the conditions that limit the interpretation of the proval, such as: shielding, minimum	es n ac n e No nu n i					
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signaling amplitude, buffered modulation/da ta inputs, or power supply regulation. The al ternative method could include that the limit ed module manufacturer reviews detailed te st data or host designs prior to giving the ho st manufacturer approval. This limited module procedure is also applicable for RF exposure evaluation when it is necessary to demonstrate compliance in a specific host. The module manufacturer must state how control of the product into which the modular transmitter will be installed will be maintained such that full compliance of the product is always ensured. For ad ditional hosts other than the specific host originally granted with a limited module, a Cl ass II permissive change is required on the module grant to register the additional host as a specific host also approved with the module.		
	No	
2.5 Trace antenna designs For a modular transmitter with trace antenna designs, see the guidance in Quest		



2.6 RF exposure considerations It is essential for module grantees to clearly and explicitly state the RF exposure conditi Refer to instruction ons that permit a host product The modular can be installed or integrated i manufacturer to use the module. Two types n mobile or fix devices only. This modular ca of instructions are required for RF exposure nnot be installed in any portable device. information: (1) to the host product This modular complies with FCC RF radiatio manufacturer, to define the application cond n exposure limits set forth for an YES itions (mobile, portable – xx cm from a pers uncontrolled environment. This transmitter on's body); and (2) additional text needed fo must not be co-located oroperating in conjun r the host product manufacturer to provide t ction with any other antenna or transmitter. o end users in their end-product manuals. If This modular must be installed and operated RF exposure statements and use conditions with a minimum distance of 20 cm between t are not provided, then the host product man he radiator and user body. ufacturer is required to take responsibility o f the module through a change in FCC ID (n ew application).

2.7 Antennas A list of antennas included in the applicatio n for certification must be provided in the in structions. For modular transmitters approved as limited modules, all applicable professional installer instructions must be included as part of the information to the host product manufacturer. The antenna list shall also identify the antenna types (monopole, PIFA, dipole, etc. (note that for example an "omni-directional antenna" is not considered to be a specific "antenna type")). For situations where the host product manufacturer is responsible for an external connector, for example with an RF pin and a ntenna trace design, the integration instructions shall inform the installer that unique an tenna connector must be used on the Part 15 authorized transmitters used in the host product. The module manufacturers shall provide a list of acceptable unique connectors.	YES	Refer to instruction The module is limited to the following antenn a: Antenna Type: PCB Antenna Antenna Gain: -1dBi
2.8 Label and compliance information Grant ees are responsible for the continued compliance of their modules to the FCC rules. This includes advising host product manufacturers that they need to provide a physical or e-label stating "Contains FCC ID" with their finished product. See Guidelines for Labeling and User Information for RF Devices – KDB Publication 784748.	YES	Refer to instruction If the FCC identification number is not visible when the module is installed inside a nother device, then the outside ofthe device i nto which the module is installed must also display a label referring to the enclosed mod ule. Thisexterior label can use wording such as the following: "Contains Transmitter Modu le FCC ID: 2AQ95-C22K Or Contains FCC I D: 2AQ95- C22K"

2.9 Information on test modes and additiona I testing requirements 5 Additional guidance for testing host products is given in KDB Publication 996369 D04 Module Integration Guide. Test modes should take into consideration differ ent operational conditions for a stand-alone Refer to instruction modular transmitter in a host, as well as for Any company of the host device which instal multiple simultaneously transmitting modul I this modular with limit modular approval sh es or other transmitters in a host product. ould perform the test ofradiated & The grantee should provide information on conducted emission and spurious emission, how to configure test modes for host produ etc. according to FCC part 15C: 15.247 and ct evaluation for different operational condit **YES** 15.209 &15.207, 15B ions for a stand-alone modular transmitter i Class B requirement, Only if the test result c n a host, versus with multiple, simultaneous omply with FCC part 15C: 15.247 and 15.20 ly transmitting modules or other transmitter 9 &15.207, 15B Class B requirement then th s in a host. e host can be sold legally. Grantees can increase the utility of their mo The module is installed in the host and can dular transmitters by providing special mea be transmitted independently. ns, modes, or instructions that simulates or characterizes a connection by enabling a tra nsmitter. This can greatly simplify a host ma nufacturer's determination that a module as installed in a host complies with FCC requir ements.

2.10 Additional testing, Part 15 Subpart B di sclaimer

The grantee should include a statement that the modular transmitter is only FCC authorized for the specific rule parts (i.e., F CC transmitter rules) listed on the grant, and that the host product manufacturer is responsible for compliance to any other FC C rules that apply to the host not covered by the modular transmitter grant of certification. If the grantee markets their product as being Part 15 Subpart B compliant (when it also contains unintentional-radiator digital circuity), then the grantee shall provide a notice stating that the final host product still requires Part 15 Subpart B compliance testing with themodular transmitter installed.6

Refer to instruction

Yes

The module is installed in the host, and the host must be evaluated to comply with Part 15 Subpart B requirements

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