

PHOENIX TESTLAB GmbH *Date: December 13, 2021*
Product Certification
Königswinkel 10
D 32825 Blomberg

Attn: Reviewing Engineer

Subject: PART 15 UNLICENSED MODULAR TRANSMITTER APPROVAL

To Whom It May Concern:

We, Beijing Hanwei Innovation Technology Corporation Limited., hereby requests for part 15 unlicensed modular transmitter approval of our device, described as follows:

Brand name: MKSEMI
Model name: MK8000_LGA40
FCC ID: 2A7T8MK8000UWBA

In FCC Public Notice DA 00-1407 released June 26,2000 there are eight numbered requirements that our device complies with:

1. The modular transmitter must have its own shielding.

There is no metal shielding.

2. The modular transmitter must have buffered modulation/data inputs

Yes, it has a buffer for modulation and data inputs inside the chip.

3. The modular transmitter must have its own power supply regulation

Yes, it has a power supply regulation for transmitter inside the chip.

4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204c

Yes, the module supports single antenna or Antenna array and it is connected to PCB by welding.

5. The modular transmitter must be tested in a stand-alone configuration

Yes, it has been tested in a stand-alone configuration, not inside another device.

6. The modular transmitter must be labelled with its own FCC ID number

Yes, FCC ID: 2A7T8MK8000UWBA


7. The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements.

Yes, our module has complied the FCC spec and operating requirements, the manufacturer has corresponding module installation instructions.

8. The modular transmitter must comply with any applicable RF exposure requirements.

Yes, our module has detailed application notes for users, installers and other interested parties to ensure that it comply with any applicable RF exposure requirements .

Beijing Hanwei Innovation Technology Corporation Limited

Yours sincerely, 

Name: Qishan.Xue

Job Title: Engineer