

**From:** [oetech@fccsun27w.fcc.gov](mailto:oetech@fccsun27w.fcc.gov) [mailto:[oetech@fccsun27w.fcc.gov](mailto:oetech@fccsun27w.fcc.gov)]  
**Sent:** Tuesday, November 19, 2013 7:20 AM  
**To:** Jeremy Luong  
**Subject:** Response to Inquiry to FCC (Tracking Number 915399)

[FCC Home](#) | [Search](#) | [RSS](#) | [Updates](#) | [E-Filing](#) | [Initiatives](#) | [Consumers](#) | [Find People](#)

## Office of Engineering and Technology

**Inquiry on 11/14/2013 :**

**Inquiry:**

Dear Sir/ Madam,

I am looking for the certification guidance on an RFID device operating at 134.2 kHz.

It is categorically excluded for routine RF Exposure evaluation, CFR Part 2.1091(c) and 2.1093(c). This device is professionally installed for the fixed use. It is an automatic feeding system for industrial farm animal. It is always used more than 35 cm away from any human being.

It is a low power device and met CFR47 Part 15.209 limit

Can TCB certify this product? Can PBA be used?

For the purpose of RF exposure calculation, can the limit at 300kHz, CFR Part 1.1310 Table 1, extend to the operating frequency 134.2 kHz?

The attached RF exposure calculation was done by extended limit to 134.2 kHz.

I have also included user manual.

I am looking forward to your advice.

Sincerely,

Jeremy Luong

**FCC response on 11/19/2013**

Yes, TCB may certify. PBA is not required.

Yes, it is appropriate to extend the limits at 300 kHz in Table 1 of 1.1310 for operations at 134 kHz.

When using occupational exposure limits, the use conditions must satisfy occupational exposure requirements and be fully documented in test reports. This includes antenna installation and operating instructions.

**Attachment Details:**

Do not reply to this message. Please select the [Reply to an Inquiry Response](#) link from the OET Inquiry System to add any additional information pertaining to this inquiry.