

**Inquiry on 04/14/2022 :**

Your inquiry has been received by the FCC and it's been assigned tracking number is **880398**.

**Inquiry:**

Due to current shortages is it possible to consider a permissible change the replacement of a VCTCXO with a TCXO of the same frequency?

1. The oscillator only provides the reference frequency for the synthesizer(s) in the transmit chain.
2. The specification for the frequency stability over temperature is the same <2 ppm.
3. The oscillators have 4 pins and are in the same package. No PCB modifications are required.
4. The power supply pin, and the output pin are in the same locations.
5. The voltage on the fourth pin is constant during transmit for the VCTCXO or the TCXO, but with a different value, and the difference in value should not matter from an emissions' point of view.

I am asking this question in the light of the Notification 202109-00.

Thanks,  
Radu Oprea

**FCC response on 04/22/2022**

Provide photos, pictures, and data sheets of the device.

---Reply from Customer on 04/25/2022---

Dear Sir/Madam,

It is not clear what pictures am I supposed to provide. The case of the device and its size are described in their respective data sheets.

Thanks,  
Radu Oprea

---Reply from Customer on 04/25/2022---

The first data sheet is for the VCTCXO.

**FCC response on 04/29/2022**

You may follow the current Notification 202109-001. This can be file as a class II permissive change. The TCB need to process the PAG.

**Attachment Details:**

[13 MHz, 2.5ppm, Data sheet](#)

[13 MHz, 2.5ppm, TCXO Data sheet](#)

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.