Federal Communications Commission
Authorization and Evaluation Division

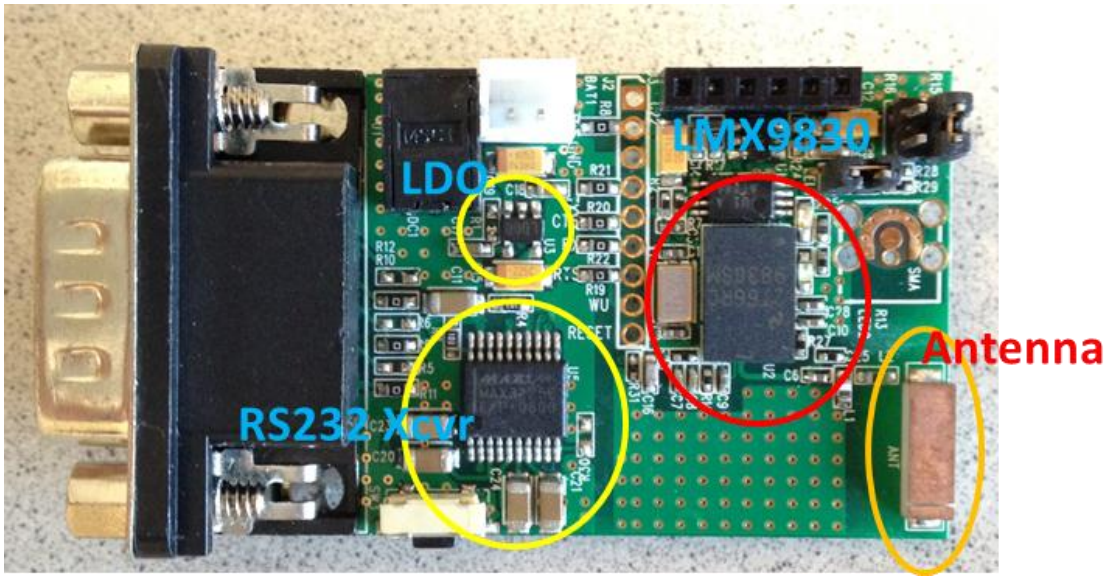
RE: FCC Class II Permissive Change for FCC ID: ED9LMX9838
(Original grant date: 02/08/2007)
Applicant: Texas Instruments

Dear Sir,

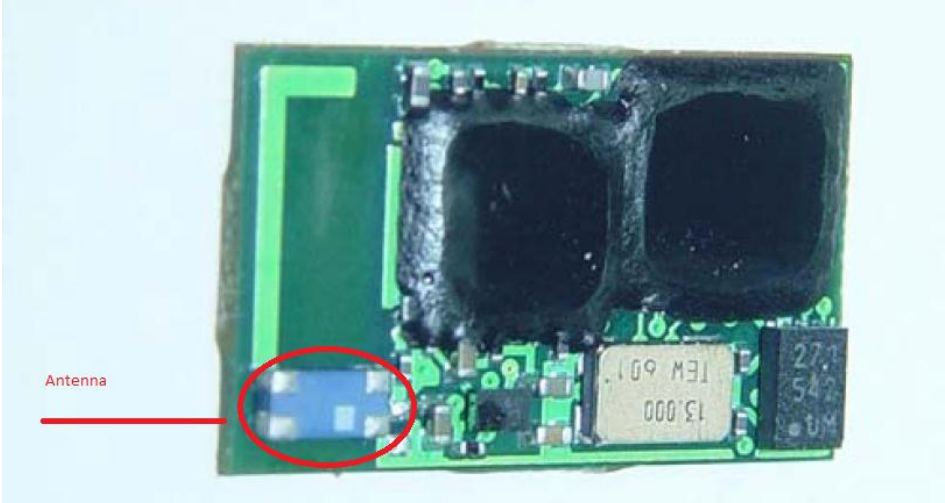
This is to request a Class II Permissive Change for FCC ID: ED9LMX9838 originally granted on 02/08/2007.

The major change filed under this application is that we moved the antenna of the LMX9838 outside on a PCB board, and named it the LMX9830DONGLE. The RF circuitry and baseband circuitry are identical. The only change is moving the antenna from inside the IC package to outside, and adding additional RS232 transceiver and LDO just for ease of wired connectivity.

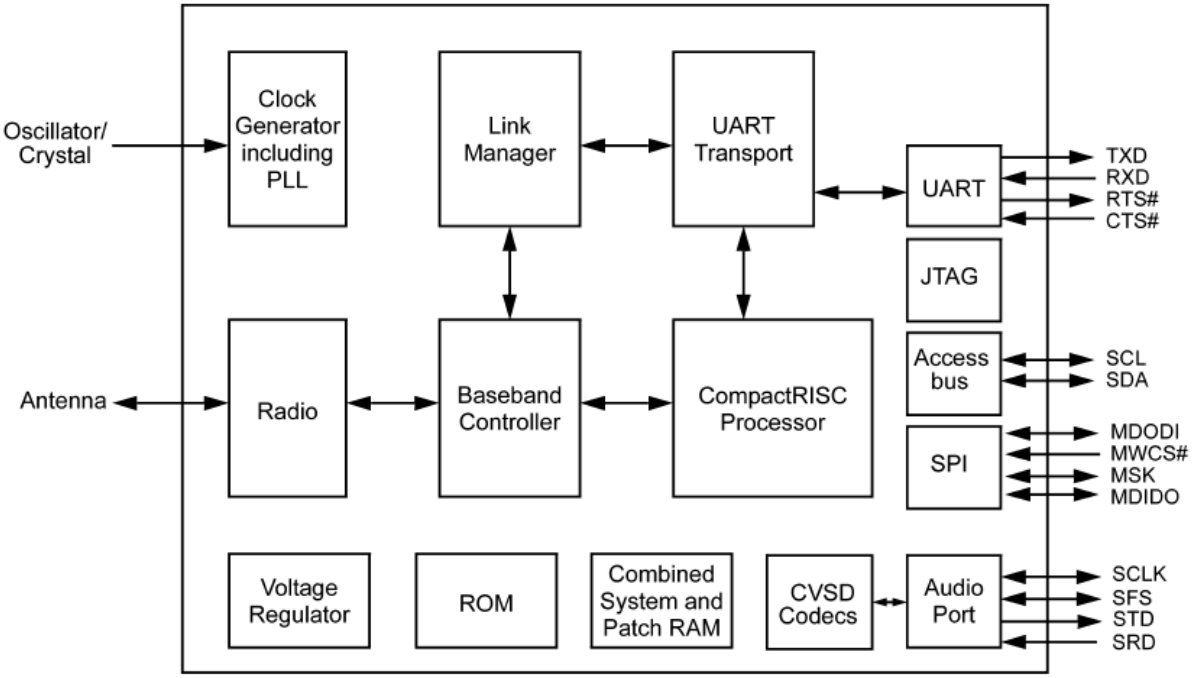
The LMX9830DONGLE consists of the LMX9838 original circuitry and the external antenna shown in picture below. The additional RS232 transceiver and LDO are also marked, and they do not impact the RF circuitry in any way.

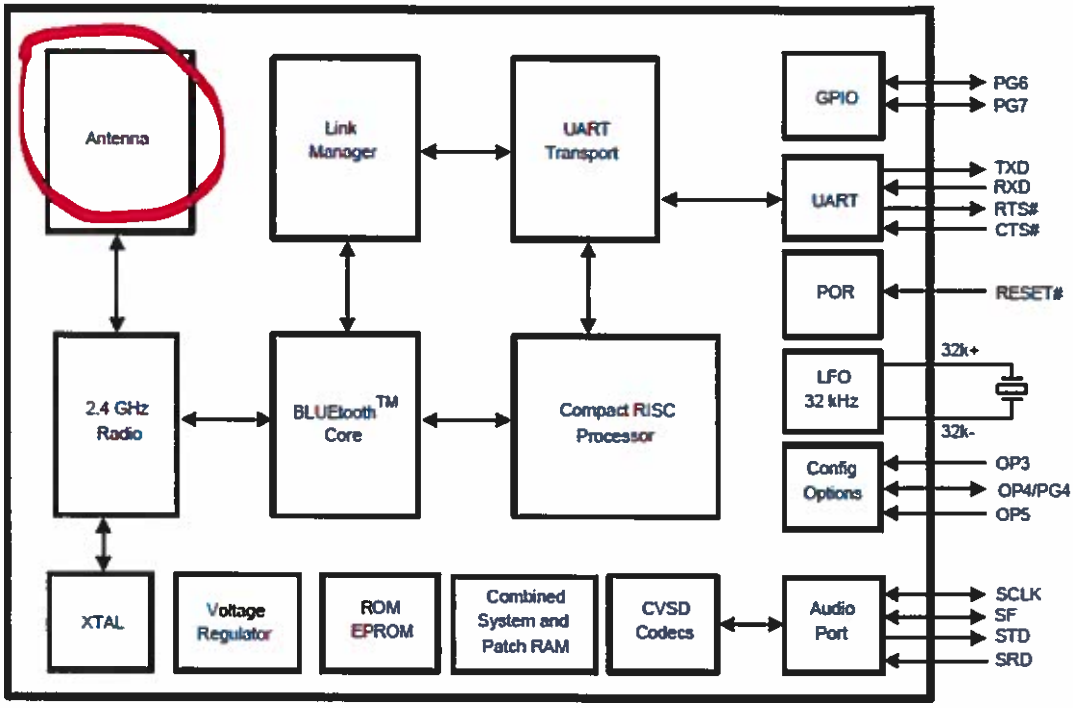


Below is the decaped picture of the LMX9838 IC. Compared with this, the IC on the LMX9830DONGLE has the identical radio and controller, and the only major component missing is the circled antenna, which is added externally to the LMX9830DONGLE.



Another comparison of similarities and the antenna difference is shown below. The block diagram on this page is the LMX9830DONGLE IC, and the one on the next page is LMX9838. Other than the circled integrated antenna in the LMX9838 block diagram, most of the major components are identical. The antenna is included in the LMX9830 EVM externally.





If you have any questions regarding this application, please feel free to contact me.

Sincerely,

Ryan Lin

Custom Solutions Marketing/Applications Engineer