

April 20, 2015  
TUV SUD BABT FCB  
Octagon House,  
Segensworth Road,  
Fareham,  
Hampshire,  
PO15 5RL

FCC ID: 2AB6OTX7470  
IC:5501A-TX7470  
Product Name: TX-7470 and TX-7470-C232

Attn: Director of Certification

### Request Family Certification TX7470-C232 Transmitter.

The LRS model TX-7470 and model TX-7470-C232 transmitter design and PCB are identical. The different models offer customers a variation in the user interface. The TX-7470 Figure 1 is a transmitter with button keypad and LCD display and is designed to interact directly and immediately with a user in close proximity to the transmitter. Whereas the TX-7470-C232 Figure 2 is machine interface controlled solely by a serial port connection and a computer. The transmitter can be stationed anywhere a wired connection allows. There is no visual or mechanical feedback to a user in the TX-7470-C232 model.

Electronically sections are identical except for parts needed or not needed in the user interface sections. The PCB does not change between models, only certain electronic parts and components are designated as Populate or Do Not Populate on the model number Bill of Material. Power, microcontroller, amplifier, transmitter, and antenna sections are identical between models.

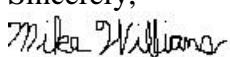
Mechanically the same principal applies, since there is no need for immediate user interaction to the transmitter, the TX-7470-C232 does not have a button or display interface in the plastic case, however the TX-7470-C232 model has a DB9 serial connector which the TX-7470 does not.



Figure 1



Figure 2

Sincerely,  
  
Mike Williams  
Long Range Systems