

1) A confidential request and fee were not submitted. However, the parts list was marked confidential. Do you want this confidential? If so, submit a fee and request.

Yes we want this confidential and we (we = KTL the company who do all the administration work for us) will pay the fee immediately.

2) The requested transmit frequency range of 929-942 MHz does not agree with the frequency range on the label and in the test report. Please correct/explain all exhibits.

The frequency on the label is the frequency of the network (= receive frequency device); the device will operate on this network and therefore on this frequency (receive frequency). The frequency band is the REFLEX band (two way paging band). It goes from 929 - 932 and 935 - 942MHz. Every network operator has a specific frequency within this band. In the test report you will find 935MHz as receiver test frequency. In spite of not forming a part of the approval process the test results are provided for information only (receiver).

In the test report the transmitter is tested at the lowest, the midband and highest frequency. The transmitter goes from 896 - 902MHz. So in the report you will find 896; $(896+902)/2=899\text{MHz}$ and 902MHz.

3) The test report indicate Part 24 and Part 90 operation. Please verify the frequency range, indicate the specific Rule part AND Section appropriate for the frequency range, then ensure that the filing contains appropriate test data and information for all rule requirements in the specific Rule parts requested.

Part 24 and Part 90 are rules for spurious emission at antenna terminal. The transmitter frequency range 896 - 901MHz is part 90; 901-902MHz (PCS band) is part 24.

Therefore pages 11 12 13 14 15 and 16 are part 90, page 17 is part 24.

On page 17 the extra measurement is taken on 902MHz which falls in the PCS band and therefore has to submit part 24.

The specific rules where the results have to be compared with are mentioned on the top of the page.

For a displacement larger than 20KHz from the centre of the authorized bandwidth the most difficult limit is taken, $50+10\log(P)$. This is mentioned from page 18 to 28. On Page 28 are the final results are listened.

RF safety issues_

4) Need more definition for this. Will the device be used in mobile use? Or portable? What devices will the device be installed in or limited to?

The device will not be used in mobile or portable devices. Examples as host can be copy or vending machines interactive TV meter reading

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5) In order to determine the RF safety indicate all the rule parts that you want to operate under.

The AR200 operates under the FCC rules part 2, 24 and 90 from FCC 47CFR

**6) Provide some antenna installation instructions in the user manual.
What antennas will be used with the device?**

A modified version of the user manual is uploaded on the FCC website.