

Subject: Farpointe Data Inc., FCC ID: T8I-PYRAMID, Assessment NO.: AN06T6018, Notice#1

Question #1: Please submit user manual. Please make sure it
> includes required regulatory statement.

ANS1 Installation manual attached. Also attached is the Proximity Reader Product manual.

>

> Question #2: Please submit an Agent Authorization Letter.

ANS2 Agent authorization letter attached

>

> Question #3: Several models will be covered in this filing. Please
> provide external photos and internal photos of each model. By the
> way, the model description letter lists 7 models: P-300, P-400,
> Kprox, P-500, P-530, P-640, P-700, but the operational description
> lists 6 models only: P-300, P-400, P-500, P-600, P-640, and P-700.
> Datasheets include 5 models: P-700, Kprox, P-300, P-400, P-640.
> Please correct the discrepancy and provide additional datasheet, if
> necessary.

ANS3 All the models have the same RF generator circuitry, but different coil sizes and different size and shape plastic enclosures dictated by end use installation mounting requirements. P-400 is the P-300 in a different plastic enclosure. Kprox is the same as P-300 in a different enclosure. P-530 is a P-300 in a different style plastic mounting cover, product data sheet attached. P-640 is a P-500 with a keypad, product data sheet attached..

Photos for models P-300, P-500, and P-600 are attached, P-700 photos were supplied in the original filing. The P-400 is just a P-300 in a different plastic enclosure, photo not available, please

>

> Question #4: Several models will be covered in this filing. Only
> the schematic diagram of model P700 is provided. Please provide
> schematics of other models. Do they share the same RF circuitry?
> Please justify why these models are qualified to share the same FCC
> ID.

ANS4 The RF circuit is the same for all products. The highest power is for the P700 as it has the largest coil and the largest voltage applied to the coil. The output transistors of the P700 are larger to account for the larger output power, otherwise the RF generation circuits are the same for all devices. Minor non-RF differences exist for different products to accommodate different status LEDs, beepers, and attachment points for Part 15 verified keyboards. Attached is schematic used for models other than P700, the power transistor is of lower rating and coils are different sizes (smaller) resulting in lower emissions than from P700. Schematics are marked for confidential treatment.

>

> Question #5: Test setup photos show power line conducted emission
> test was done when the enclosure was removed. Please explain the
> reason.

>

ANS5 The Farpointe products are encased in plastic potting material as the last manufacturing step. Unpotted samples were supplied for photographic purposes. During test day, the potted engineering sample stopped working, but the unpotted sample was operational so that one was used for the testing. The potting material has no effect on the electronics (that is why it is used for this purpose) so the emissions measurements made on the unpotted unit are representative and applicable to a potted production unit offered for sale.

ATT46913591.txt

>

>

>

> The items indicated above must be submitted before processing can
> continue on the above referenced application. Failure to provide
> the requested information within 30 days of the original e-mail
> date may result in application dismissal and forfeiture of the
> filing fee. Also, please note that partial responses increase
> processing time and should not be submitted. Any questions about
> the content of this correspondence should be directed to the e-mail
> address listed below the name of the sender.