

----- Original Message -----

**From:** [Mike Kuo](#)

**To:** [SunHee Kim \(HCT\)](#)

**Sent:** Saturday, March 22, 2008 3:25 AM

**Subject:** FW: PANTECH&CURITEL COMMUNICATIONS, INC., FCC ID: PP4PX-700, Assessment NO.: AN08T7717, Notice#1

Dear Sun Hee:

Question #1: Based upon section 4 of Part 22/24 test report, all tests were performed with RC3/SO55 and stated at this mode of operation, EUT generates the highest output power based upon pre-scan result as documented. However, as indicated in the output power measurement table in section 4, RC3/SO55 is not the highest output power. Test report refers to " SAR measurement for 3G procedures ", please note, SAR measurement is concerning the average output power but Part 22/24 test requirements are focusing on the peak output power.

From the power table, 1xEVDO Rev.0 demonstrated the higher output power by comparing to RC3/SO55. Please provide your engineering rationale in selecting RC3/SO55 for final compliance tests but not 1xEVDO.

==> Please find the attached Part 22/24 Test Report on p. 14-15 of 49. <File name: D\_RF REPORT\_UM175\_ Rev.1>

ERP/EIRP testing in 1xEVDO mode was already performed. But we missed adding these data into the Test Report.

As you can find, ERP/EIRP test result in EVDO mode is less than the CDMA mode.

Question #2: Based upon 99% bandwidth measurement, the emission designator for Part 22 Cellular CDMA should be 1M28F9W and Part 24 PCS CDMA should be 1M30F9W. I have made necessary changes on the TCB application form. Above emission designator will be used while issuing the grant.

==> Please find the revised Part 22/24 Test Report on p. 1 of 49. <File name: D\_RF REPORT\_UM175\_ Rev.1>

Question #3: Page 12 of user manual mentioned this USB data modem will be shipped with USB extension cable. By using this USB extension cable, it can boost the output power and improve RF performance. By reviewing the Part 22/24 test report and test setup photos, such USB extension cable was not included in the final compliance investigation. Please explain and / or provide additional test data to verify the output power when this USB extension is used.

==> Please find the attached Part 22/24 Test Report on p. 14-15 of 49. <File name: D\_RF REPORT\_UM175\_ Rev.1>

We performed the additional test using the USB extension cable.

Question #4: Page 25 of user manual, the SAR value listed does not agree with highest measured SAR values for Cellular and PCS band. Please note: measured SAR values are not required to be listed in the user manual. However, if such values are listed in the user manual, those values must be in agreement with the SAR measurement report. Please provide revised user manual with correct SAR values.

==> Please review the revised User Manual on page 25. <File name: N\_HW\_User's Manual\_PP4PX-700\_Rev.1>

Question #5: The FCC ID number listed in the turn up procedures does not agree with the FCC ID number for this filing. Please provide revised turn up procedures.

==> Please find the attached file. <File name: Q\_Tune-Up Procedure\_PP4PX-700\_Rev.1>

Best Regards

Mike Kuo

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.

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