

FCC ID: QVVNHL-10

Response to ATCB comments dated 4th September 2003.

1. Please note that there appears to be an rf shield in photo 2 of the internal photos. If this is a shield, please remove it and provide a photo of the circuitry underneath. If this is not a shield, please explain its purpose.

We have uploaded revised internal photograph with RF shield removed.

2. Please provide the manual for this application.

Manual has been divided now into two parts to avoid problems with file size limitation.

3. Please note that the device appears to operate in two modes under part 24 (GSM and GPRS). Please provide the emissions designator information on the 731 for both modes.

GSM and GPRS use the same modulation method and they share the same emission designator 300KGXW.

4. Please note that ANSI C63.4 is not an appropriate test method for part 24 devices. Test methods for these devices are generally found in TIA 603. This standard should be referred to in the test report for Part 24.

ANSI C63.4 is referred for 15.107 and 15.109. Test laboratory agrees that TIA 603 should have been referenced for Part 24, but it appears not to be documented in this report.

5. Please note that in the summary of results you state that antenna terminal output power is compliant, yet you provide no evidence to support this claim. Because the note for the summary states that a terminal was provided for this test, please provide this information so comparison to the SAR conducted power can be made.

Statement claiming antenna output power compliance was left into test report by accident, and it should be disregarded.

Conducted power output for the sample used in radiated EMC tests was measured by RFI to be:

Low Channel	29.6dBm
Middle Channel	29.6dBm
High Channel	29.4dBm

6. Please note that the SAR out power level is referenced in conducted (antenna terminal) measurements, while the EMC report uses EIRP only to report power. Please note that the EMC and SAR reports are recommended to be within 5% of each other. If there is a difference between SAR and EMC power, then the SAR value must be the higher of the 2. Please note that it is not possible to compare EIRP power reported in the EMC report with the conducted power reported in the SAR report. Please provide a comparative power measurement between the two reports so as evaluation can be completed. Please remember that the SAR report must be the higher of the two and if these values are not within 5%, then you must provide an explanation as stated in IEEE1528.

Answer to question number five covers this question as well.

7. Please note that the OBW plots on page 23 of the EMC report do not appear to line up (i.e. the plot exceed the graticules. Please explain. Alternately, please correct the plots to line up.

Used equipment does this measurement automatically, and result is based on some further calculations, which do not depend directly of what is shown on the screen. We presume that test device must find a certain level until it can proceed with calculations, and thus plot exceeds the frequency band it has initially chosen. However, this does not affect to the measurement itself.