

Re: FCC ID EV9N2-4XE1-5G7
Applicant: Wireless Inc
Correspondence Reference Number: 13450
731 Confirmation Number: EA96902
Date of Original E-Mail: 04/13/2000

Please place your reply to in the RF exposure info folder. Send a separate correspondence letter from any previous request for information.

This is a 5.8 GHz UNII tx, 15.8 mW listed. Re RF Exposure, please ask them the following:

1. The submitted MPE calculations are for the 5.25-5.35 GHz unit, and not for the EUT. Please recalculate the required minimum separation distances for the EUT and submit the calculations.

ANS1: Calculations have been performed for the 5.7 GHz units. The results have been placed in a table on p vii of the users manual:

RF Exposure Safety Information

Max RF Power	TX Antenna	Uncontrolled Environment	Controlled MPE 1 mW/cm ²
P, dBm	G, dBi	MPE 1 mW/cm²	MPE 5 mW/cm ²
P, dBm	G, dBi	Safe Distance, cm	Safe Distance, cm
12.0	18.0	20*	20*
12.0	23.0	20*	20*
12.0	26.0	22.4	20*
12.0	28.5	29.9	20*

* For fixed and mobile antenna installations, FCC requires a minimum separation distance of 20 cm, regardless of whether calculations would indicate a lesser distance.

2. The user's manual lists minimum separation distances of less than 20cm. Please rewrite to indicate minimum separation distances of at least 20 cm in order to qualify as a

mobile (and not portable) device. Please submit new language. We recommend using language similar to the following:

In order to satisfy FCC RF Exposure requirements, the antennas must be installed in such a way as to ensure a minimum separation distance of XXX between the antenna and all persons....

ANS2: See revised p vii of user manual for this information

3. Since the calculated minimum separation distances for the EUT will probably exceed 20 cm (from number 1 above), please make that clear in the user's manual.

ANS3: Done.

4. Table 3.3 does not list the 6" panel antenna referenced elsewhere in the application. Please address.

ANS4: A new revision of p 8 of the user's manual references this antenna. Please refer to separate Word attachment, *Add to p8 of user manual*

5. The antenna list in Exhibit 6 does not match that in the user's manual. Please address.

ANS5: The new p8 of the manual matches the antennas tested, except that the user manual references dual polarity dish antennas that were not tested, but which have gains equal to or less than those of antennas that were tested. Also, the 4ft dishes are listed in the user manual as export only items, and as such they were not tested nor listed in the test report.

6. FYI: the 6 and 30 minute averages in the user's manual does not apply to the general population (uncontrolled) limits.

ANS6: Time average references have been removed from p vii of the user manual