

Appendix A

Non-Conformities for US Radio Equipment Authorization

Non-Conformities FCC ID: MI7-B64450G25 (Ref # E06-000042-1)

The items listed below represent requests for information following review of this application. Further question may arise pending review of responses to these items.

OK	#	Non-Conformity or Comment	Submitted Response	Respondent / Date of Response
Ok	1	The FCC Form 731 states a frequency range of 450-507MHz, but the user manual on page 4 states the operating frequency is from 450-510MHz and then on page 20 states the frequency range for the programming procedure as 450-460MHz. Please explain.	Revised user manual uploaded.	3/15/06
Ok	2	The maximum frequency deviation on page 54 of the test report does not correspond to the frequency tolerance stated on the FCC Form 731. Please explain/correct.	The frequency tolerance on the 731 form should be 1.0 ppm.	3/15/06
OK	3	Please provide a statement which explains how this application meets the requirements of Part 90.203(j)(3) "Applications for Part 90 certification of transmitters designed to operate on frequencies in the 150.8-162.0125 MHz, 173.2-173.4 MHz, and/or 421-512 MHz bands, received on or after February 14, 1997 must include a certification that the equipment meets a spectrum efficiency standard of one voice channel per 12.5 kHz of channel bandwidth. Additionally, if the equipment is capable of transmitting data, has transmitter output power greater than 500 mW, and has a channel bandwidth of more than 6.25 kHz, the equipment must be capable of supporting a minimum data rate of 4800 bits per second per 6.25 kHz of channel bandwidth."	Customer Response: IPMobileNet certifies that base station B64450G25 has a voice mode spectral efficiency of 1 voice channel per 6.25 KHz of band width and a data rate 16000 bits per second in 6.25 KHz of band width.	3/14/06