AT&T Wireless Services, Inc.
OF2FWBASE15PCS
EA101516
Correspondence 21085

The following is in response to clarifications requested by the FCC in Correspondence 21085. The responses of AT&T Wireless Services, Inc. listed in bold.

1. Power output listed on FCC form 731 will be changed to 2.5 W corresponding to the average power measured in section 11.2.7.2.
   This is acceptable.

2. Please specify the lowest and highest channel center frequency that allows compliance with the band edge attenuation limits.

   The lowest and highest frequencies are 1946 and 1949 MHz.

3. Test results for radiated spurious emissions should be presented in terms of dBc to satisfy section 24.238 requirement of 43+10log (P). Also, test procedure should be the substitution method. Please submit revised results.

This testing is presented within the Part 15 radiated data. The Class A Part 15 limit line above 1 GHz is 500 uV/m or 20log[(500x10^{-6}) / (1x10^{-6})] = 59 dBuV. The highest amplitude allowed by Part 24 is -13dBm, i.e. 43+10log(2.5 W)=47, +34 - 47= -13dBm/1MHz. This translates into 94 dBuV.....Therefore, the Part 15 data (above 1GHz) shows mostly noise floor with everything below the 59 dBuV limit line.....which is 35 dBuV MORE stringent than the Part 24 requirement. Because this product measured so far below the limit (both part 24 and part 15), we used the data for both. Please contact Keith Peavler if further information is required. Thank you for your time and effort.