

REQUEST FOR EXPEDITED PROCESSING

Alcatel Lucent requests expedited processing for this application its experimental special temporary authority, File No. 0362-EX-ST-2007. The application requests authority to transmit CW tones in the 2175-2200 MHz frequency bands over a two month period; successful completion of the test would permit Alcatel Lucent to develop more accurate propagation models for transmissions in these geographic areas in this portion of this frequency band. The tests would be conducted within a 20 mile radius of the center of Las Vegas, Nevada and within a 25 mile radius of a center point directly between Raleigh and Durham, North Carolina. These frequencies will not be permitted to carry any kind of voice/data traffic offered to the public. These tests will be carried out using very narrow band signals at low powers for brief periods of time.

Alcatel Lucent requests expedited processing in this instance because frequency coordination will be straightforward and routine. The 2175-2200 MHz bands are currently licensed to fixed point-to-point microwave operators on a primary basis.

Alcatel Lucent will transmit CW tones only in a clear part of the spectrum to ensure that there is no interference to the microwave licensees. Alcatel Lucent will engage a frequency coordinator to perform an interference analysis for each of the test site to find a channel clear of microwave licensees.

It is important to note that although FCC allocation tables list MSS as primary in 2180-2200 MHz, and Advanced Wireless Services as primary in the band 2175-2180 MHz, fixed point-to-point microwave licensees in fact retain primary status until relocated by a new entrant to the band. *See Amendment of Part 2 of the Commission's Rules to Allocate Spectrum Below 3 GHz for Mobile and Fixed Services to Support the Introduction of New Advanced Wireless Services, including Third Generation Wireless Systems, ET Docket No. 00-258, ET Docket Not. 95-18, Sixth Report and Order, Third Memorandum Opinion and Order, and Fifth Memorandum Opinion and Order, 19 FCC Rcd 20720 (2004).*

Neither MSS licensees nor AWS licensees will be operating in the band during the proposed tests, i.e., fixed microwave will retain primary status during the period of the proposed tests. There are two MSS licensees in the 2180-2200 MHz band: ICO and Terrestrial. Neither is expected to launch until after the completion of the proposed tests, which are estimated to take [two] months to complete. ICO is not scheduled to launch until November, 2007. *See New ICO Satellite Services G.P.*, 22 FCC Rcd 2229, ¶ 1 (IB 2007). TerreStar has requested that its scheduled launch date of November, 2007 be extended to September, 2008. *See TerreStar Networks Inc. Application for Modification of 2 GHz Mobile Satellite Services Letter of Intent Authorization, SAT-MOD-20070608-00080* (June 8, 2007). Auctions for AWS licensees have not yet been conducted in the band 2175-2180 MHz; accordingly, there will be AWS licensees operating in the 2175-2180 MHz band during the proposed tests.

Accordingly, Alcatel Lucent requests expedited processing in this instance because frequency coordination will be straightforward and routine, the request is for a period of limited duration, and the proposed tests will be conducted for only brief periods of time over small geographic areas.