

Bryan P. King
774 Back Mountain Road
Goffstown, New Hampshire 03045

24 August 24, 2001

FCC
Washington, DC

I am writing to oppose the FCC proposed rulemaking (ET 00-258, ET 95-18 and IB 99-81) that would reallocate the 2390 to 2400 MHz portion of the 13cm (2.4Ghz) amateur radio band to the 3G wireless industry. These frequencies are currently a primary allocation for amateur radio use. This portion of the amateur radio spectrum is used for high speed packet transmission, high speed video, and control links for repeater systems.

The amateur radio community has made significant investments of their own time and money to build radio communication systems in this segment of the spectrum particularly on the West Coast. This includes but is not limited to design, construction and/or purchase of specialized antennas high grade transmission lines, receivers, down converters, and transmitters (or transverters) to use this portion of the spectrum for high speed packet, high speed video, control and auxiliary links for voice and video repeater systems. Additionally the radio amateur community has made significant investments of their own time to build and maintain communication networks using these frequencies.

The band is currently shared with part 15 devices such as wireless telephones. This has raised the noise floor of the band to render some uses such as weak signal work inoperable due to the local conditions.

The upper portions of this band are used for satellite communications with Amateur Oscar 40 an orbiting satellite used worldwide by radio amateurs. Any loss of spectrum use here will further endanger other portions and uses for this band.

Respectfully Submitted,

Bryan P. King
President
New Hampshire Microwave Radio Association