Proposed 2.4 GHz and 5.8 GHz Airspace Regulation

In compliance with the Airspace Policy for non-licensed frequencies this regulation for governance of the 2.4 GHz and 5.8 GHz airspace has been implemented to preserve the security, utility and flexibility of the campus wireless data network. Communication Technologies shall be the authoritative body presiding over the use of these frequency ranges in order to fulfill the mission of the University for data networking.

I. Prior to installing any non-client wireless networking device, the installing department must identify what frequency the device uses and if it will broadcast in the above mentioned frequencies. If so, then ComTech must be contacted to help determine if the device will cause interference with the ComTech wireless data network. If ComTech approves the installation of the device, the device must be configured as specified by ComTech. Failure to do so will result in the device being subject to removal under section III of this regulation.

II. Personal access points in residence halls and Greek Court must be registered through the ResNet registration system, rather than directly with ComTech. The device must be configured according to ResNet specifications found at http://www.ncsu.edu/resnet/wireless.

III. In the event a private device broadcasting in the 2.4 GHz or 5.8 GHz range interferes with a ComTech supported device, ComTech has the right to remove the interfering device from the affected area based on the following established priority:

   a. Anything deemed a University initiative (including but not limited to the campus wireless data network) shall be assigned the highest priority.
   b. Departmental initiatives (e.g. medical equipment, research projects and classroom technology) shall be assigned the next highest priority.
   c. Personal convenience technologies such as cordless phones operating in the 2.4 GHz and 5.8 GHz bands and personal wireless Access Points shall have the lowest priority.

   Appeals to a ComTech decision can be brought before the Infrastructure Sub-Committee of the University Information Technology Committee.

IV. Interference caused by devices radiating in the covered frequencies affecting production systems will be addressed on a case by case basis. These cases will be addressed under the 2.4/5.8 GHz Airspace rules.