

Research Project Description

State College has established a wireless lab environment for the purpose of gaining additional insight into the wide variety of wireless technologies that are currently available and those that may be available in the future. Studies will focus on the physical aspects of cellular infrastructure design and the associated propagation techniques.

Raytheon is currently conducting experimental operations at State College under Special Temporary Authority, call sign WC9XSH, granted on August 28, 2006 under the following parameters:

Frequency	Station Class	Emission Designator	Authorized Power
1850-1910 MHz	MO	1M25G7E 200KG7E	1 W (ERP)
1930-1990 MHz	MO	1M25G7E 200KG7E	1 W (ERP)