

Federal Communications Commission

§ 5.3

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Subpart A—General

§ 5.1 Basis and purpose.

(a) *Basis.* The rules following in this part are promulgated pursuant to the provisions of Title III of the Communications Act of 1934, as amended, which vests authority in the Federal Communications Commission to regulate radio transmissions and to issue licenses for radio stations.

(b) *Purpose.* The rules in this part provide the conditions by which portions of the radio frequency spectrum may be used for the purposes of experimentation, product development, and market trials.

§ 5.3 Scope of service.

Stations operating in the Experimental Radio Service will be permitted to conduct the following type of operations:

(a) Experimentations in scientific or technical radio research.

(b) Experimentations in the broadcast services.

(c) Experimentations under contractual agreement with the United States Government, or for export purposes.

(d) Communications essential to a research project.

(e) Technical demonstrations of equipment or techniques.

(f) Field strength surveys.