

Dear FCC:Regarding your question, paragraph 1., on Market-Oriented Allocation and

Assignment Policies. Spectrum pricing of both wireless and wired services has resulted in poor service for the consumer and further migration to spectrum pricing is unwise. Primary beneficiaries of current policy have been the over-compensated executives and attorneys. A standard pricing model is required so the consumer can compare options. Present cellular pricing plans are impossible for the consumer to compare. The same goes for plain old telephone service. Simplified and standardized pricing across the board is required for the consumer.

The question in paragraph 5. concerns unlicensed devices. The Commissions actions in the area of unlicensed operation are to be commended. The spectrum presently set aside is adequate. The concern that the spectrum may not be put to its highest valued use is not warranted. Freedom of speech and unlicensed operation cannot be priced in a free society. Rules should be changed to allow an additional 6 dB of primary radio frequency power for IEEE 802.11b operation(2.4 GHz) as performance of some current applications is marginal at best. As congestion rises, advances in antenna technology and digital processing can be used to maintain acceptable levels of service. Rules should also be changed for Internet Service Providers to allow the customer to use the service as he sees fit. The customer should be allowed to provide unlimited free wireless Internet access via unlicensed spectrum if that is his desire.

The question in paragraph 6. concerns experimentation, innovation and development of new spectrum-based technologies and services. The high cost of the necessary equipment to demonstrate compliance with FCC regulations (spectrum analyzer, power meter and SWR meter) inhibits most experimenters. The Commission should promote demonstration projects at all Federal Agencies including dual-use demonstrations at the Mil Deps. The efforts of European Linux hackers to develop a "digital hub" for home entertainment needs should be encouraged. Efforts by Hollywood to hardwire copy protection into analog-to-digital converters is ill advised and any effort to create copy-protection standards will stifle innovation.