

Texas Instruments Incorporated  
File No.: 0155-EX-PL-2001  
File Date: 26 June 2001

Exhibit A.

This application requests authority to operate experimental radio frequency identification devices at locations throughout the United States. As such, the authority requested is much like that formerly embodied in experimental licenses issued under the call signs WA2XPT (file # 5994-EX-PL-97) and KF2XJS (file # 1728-EX-RR-1998), which have now expired.

Rationale. Like the former authority, this authorization will be employed to develop new radio frequency identification systems. Often this work will involve working directly with organizations that may ultimately use such systems or organizations that will employ the technology that results from the experimental efforts in the creation of their own product lines. As such, operations in different parts of the company are anticipated. The experimental authority will be used in situations in which operation under Section 2.803 is not appropriate because the stage of the development effort may result in implementations that do not yet meet all of the requirements of, for example, Part 15 of the rules or because the devices under evaluation will be designed for use in countries other than the United States that have regulations that differ from those of the United States. In some cases, the authority will be used to experiment with equipment that complies with regulations for which a petition for rule making is pending (e.g. RM-9375).

Texas Instruments envisions a need to evaluate RF ID systems that will operate at 134 kHz as well as systems that will operate at 13.56 MHz in the 13.553-13.567 MHz band and systems that will function in the 902 – 928 MHz band. Two of the three bands in which operations are proposed center around ISM allocations. The third frequency, 134 kHz, is outside of any “restricted” band and is the frequency at which various RF identification systems have been developed by Texas Instruments. As such, all three pose little risk of interference, given the powers proposed.

Experimental Reports. Unless necessary to satisfy some over-arching public interest concern, Texas Instruments respectfully requests that this authorization not include a requirement routinely to submit experimental reports. 47 C.F.R. § 5.73 (2000). At the same time, Texas Instruments understands that the Commission may at any time request such reports.