

**DESCRIPTION OF RESEARCH PROJECT**  
**REQUEST FOR LICENSE MODIFICATION**

Datron World Communications, Inc. (“Datron”) hereby submits the attached application to modify experimental authorization WE2XZP<sup>1/</sup> to permit Datron to continue to test equipment that it manufactures for a variety of customers charged with protecting the homeland security of the United States. These customers include the Federal Bureau of Investigation (“FBI”), the National Guard, and the United States Army, as well as several other critical Federal, state and local government entities.

Datron has used this authorization to test equipment and will continue to do so. There will be no change to most of the parameters of Datron’s current operations. However, Datron requests several modifications to its current authorization. First, Datron requests changing the current 30.170 MHz frequency allocation to 30.175 MHz for fixed and mobile units. The previous designation of 30.170 MHz was erroneous, as it was not a multiple of 25 KHz. Second, Datron requests the addition of fixed and mobile units operating in the frequency ranges 50-60 MHz and 60-70 MHz. *If the Commission is unable to grant authority for the entire frequency ranges, Datron asks that the FCC either: 1) grant authority for whatever portions of the band are available; or 2) assign it a center frequency within each frequency range that is a multiple of 25 kHz from within each of the two ranges.* Third, Datron requests the removal of the Lawrence, Kansas station location from the authorization.

Consistent with its original application requesting the frequencies assigned to WE2XZP, although Datron is authorized to use the equipment at 1000 watts ERP, it generally tests equipment using lower ERP. Moreover, when Datron tests outside of its factory, the non-fixed units are operated in remote areas where there are unlikely to be co-channel licensees. The use of these frequencies is, at most, episodic. Because of the nature of Datron’s pre-operational equipment tests, the frequencies are used for only a few minutes at time for few hours a day – when the tests occur. Some of the testing occurs in the controlled environment of Datron’s factory, where the FCC can easily determine the source of any interference, in the unlikely event that Datron produces any. The testing outside the factory occurs only approximately 30 days a year (and, like testing in the controlled factory environment, for only a few minutes at a time for a few hours of the day).

Based on the foregoing, Datron requests that the FCC processes the application promptly so that it may continue to test equipment for its critical clients. If there are questions regarding this

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<sup>1/</sup> The Commission’s grant of the WE2XZP authorization may be viewed at the FCC’s Office of Engineering and Technology (“OET”) database website at [https://apps.fcc.gov/oetcf/els/reports/ViewGrant.cfm?id\\_file\\_num=0137-EX-RR-2015&application\\_seq=64826](https://apps.fcc.gov/oetcf/els/reports/ViewGrant.cfm?id_file_num=0137-EX-RR-2015&application_seq=64826).

application, the FCC is asked to contact communications counsel for Datron, Russell H. Fox of Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C. at 202.434.7483 or [rfox@mintz.com](mailto:rfox@mintz.com).