

DESCRIPTION OF RESEARCH PROJECT
REQUEST FOR LICENSE MODIFICATION AND RENEWAL

Datron World Communications, Inc. (“Datron”) hereby submits the attached application to modify experimental authorization WE2XZP^{1/} 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. In addition to seeking the modifications described below, Datron also respectfully asks that the Federal Communications Commission (“FCC” or “Commission”) renew the authorization for station WE2XZP for another two-year period.^{2/}

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 the addition of fixed and mobile units operating in the frequency range 88-108 MHz. *If the Commission is unable to grant authority for the entire frequency range, Datron asks that the FCC assign it a center frequency from within that range.* Second, Datron requests the addition of two fixed transmitting antenna locations: one site in Lawrence, Kansas and the other in Melbourne, Florida. Both of these sites will operate with the exact technical specifications as the existing site in Vista, California. Third, Datron requests the addition of the following emission designators to the existing (and new) frequencies: 6K00A3E, 16K0F1D, 16K0F2D, 16K0F1E, 16K0F2E, 16K0F1F, 16K0F2F, 32K0F1E, 32K0F2E, 32K0F3E, 64K0F1E, 64K0F2E, 64K0F3E. Last, Datron has increased from one to three the number of experimental units that it will test for each transmitting equipment model number.

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

^{1/} 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=0118-EX-PL-2009&application_seq=41291.

^{2/} Please note that this application seeks renewal and modification of the authorization for station WE2XZP, pursuant to discussions with OET staff who advised that an applicant can request both modification and renewal of an authorization by submitting an application for modification and also requesting renewal through an exhibit, which Datron asks here.

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 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.