

RF Exposure information for ADR-7050

The instructions for submitting a 731 form includes addressing RF exposure as follows:

This section should include a statement affirming compliance with respect to controlled/uncontrolled exposure limits for MPE/SAR evaluation of mobile/portable devices (technical data upon request) or reasons for categoric exclusion from routine RF evaluation. The rule sections concerning RF radiation exposure are 1.1307 - 1.1311, 15.247(b)(4), 2.1091 and 2.1093.

We are taking a categorical exclusion for exposure evaluation. Our system connects to a fixed antenna on an aircraft and will not move once it is installed. Furthermore, our system is configured in accordance with FAA regulations and procedures. Our system conforms to the “Minimum Operational Standards for Airborne Radio Communications Equipment Operating within the Radio Frequency Range 117.975-137.00 MHz” (RTCA document DO-186A). There are thousands of similar systems currently installed on aircraft that have been certified to the same standard that we have built our system to.