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Federal Communications Commission,  
Authorization and Evaluation Division,  
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To Whom It May Concern

Purpose/Objective:

RTX is requesting a frequency authorization within the 16.3 - 17.71 GHz range to support US Army field testing with the KRFS radar on China Lake. The KRFS Radar system will provide aerial track data to a separate US Army system that is under development.

Test Setup:

The KRFS radar system will be emplaced on the ground in a static location to provide 360 degree hemispherical surveillance of aerial targets. The US Army system under development will receive aerial track data from the radar over a wired network. Data logging and capturing tools will be utilized for post event analysis. Data will be analyzed for further development of both systems, where applicable.

Thank you.