

Ktech High Power Microwave Special Temporary Authority (STA) Request

1 Purpose of Operation

Raytheon Company plans to demonstrate a prototype directed energy weapons system capable of engaging and defeating hostile unmanned aircraft systems. Successful demonstration will assist development of tactics, techniques, and procedures using new technology and doctrine for defense of US military personnel, equipment, and facilities.

STA File Number: 0351-EX-ST-2013

Class of Station: FX

Station Locations: FIXED

Effective Date: 05/12/2013

Expiration Date: 06/22/2013

2 STA Explanation

As detailed in paragraph 1 above, Raytheon seeks this STA in order technical demonstrations. Currently it has been determine the current spectrum is not authorized for this system, due to the timeline given for this demonstration we not have the time to get the hardware in place to make that change for this demonstration; once this demonstration is over we will make the necessary adjustment of comply with the spectrum table of allocation. **The demonstration be confined to ONLY Fort Sill, OK!!**

3 Stop Buzzer

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