

Joseph Cheung
General Dynamics C4 Systems
8201 E McDowell Rd
Scottsdale
AZ 85257
(650) 350 0921
Joseph.cheung@gdc4s.com

General Dynamics C4 Systems

Experimental License
Exhibit 1

The requested experimental license is to enable General Dynamics to conduct testing and demonstration activities of a tactical broadband cellular with military customer at White Sand Missile Range. The system operates in 3GPP Band Class 14. The system will be designed such that the operation and radiation are limited within the perimeter of White Sand Missile Range.

Though individual tests typically only last several days or weeks, the reason for applying for a 24-month duration experimental license rather than multiple STA is to facilitate on-going demonstrations with various user groups at short-notice.

General Dynamics is the manufacturer of end-to-end 3GPP compliant LTE equipment including user equipment, eNodeB (3GPP terminology for base stations), and Evolved Packet Core (EPC). The system configuration will be comprised of mobile user equipment as well as a transportable and rapidly deployable eNodeB configuration. The system included in this application is capable of operating across the public safety 700MHz band in the United States (termed band class 14 in 3GPP) in both 5MHz and 10MHz bandwidths. General Dynamics will coordinate with existing licensees prior to demonstrations in a particular location as required.

Sincerely,

Joseph Cheung