



**02/10/2016**

**To: FCC Experimental Radio Service Committee**

**Subject: Justification for Nationwide Experimental License**

**FRN #0019518166**

SpotterRF is the manufacturer of the Compact Surveillance radars for which the license is being requested. The radars are used primarily for intruder detection in and around critical infrastructure. In order to assess the feasibility and best placements for the radars, testing at each site should be performed using the radars mounted to mobile tripods or temporarily mounted to structures. For most sites testing can be performed in a matter of hours. Once testing is complete the design can be finalized and the user can move forward applying for a permanent license, knowing the locations for each radar.

Additionally potential users of the technology frequently request demonstrations in various locations around the country many times with expectations of receiving a demo within weeks.

The experimentation license will allow users to receive demonstrations quickly allowing them to better assess the technology and determine if it will enhance their security needs. Additionally the experimental license will allow users to test each potential install location quickly and shorten the cycle of updating critical infrastructure with intrusion detection radar.

SpotterRF radar systems are being deployed across the U.S. to protect critical infrastructure and high value assets and are steadily increasing in demand. An Experimental license will allow users to more quickly and accurately assess whether or not radar is beneficial and practical to meet their security needs. Lowering this barrier to entry will increase the use of perimeter security radar across the nation and result in more secure critical infrastructure.

720 Timpanogos Parkway Orem, UT 84097 USA

If you have questions regarding the request, please feel free to contact me at [brockj@spotterrf.com](mailto:brockj@spotterrf.com) or by phone at 801-742-5848 x 102

Sincerely,

A handwritten signature in black ink, appearing to read "Brock Josephson", written in a cursive style.

Brock Josephson  
Field Application Engineer for SpotterRF