



# Key Takeaways

- Ligado is proposing to change a space based band and repurpose to add ground communications – classic bait and switch
- Testing and studies performed by DoD and DoT supported by 9 federal agencies concluded Ligado’s solution will cause interference both for civilian and military uses
- FCC stringent conditions imposed on Ligado do not adequately protect GPS
  - Guard band, lowered power levels, coordination, remediation and notification all inadequate
- If GPS becomes unreliable Americans will be forced to look elsewhere for GPS services e.g. China and Russia
- FCC decision impacts warfighter testing, training, exercises and homeland defense missions puts national security at risk
- Do Americans want an unreliable GPS service when they need it most i.e. emergency vehicle response to 911 calls?
- Ligado is not offering a 5G solution
- DoD is aggressively undertaking 5G experiments and pursuing Mid-band spectrum sharing

**FCC needs to reverse their decision**