North Korea’s Space Capabilities

Brian Weeden
Director of Program Planning, SWF
North Korea has very limited space capabilities

- Relatively good rocket technology
  - Demonstrated ICBM-class liquid-fuel rockets
  - Rapidly developing solid-fuel technology
- Poor satellite technology
  - Very basic capabilities for GNC, solar power, imagery
  - Poor record of reliability
- Very limited tracking/command and control capabilities
  - Limited to just passes over Korean Peninsula
Kwangmyŏngsŏng 4 (KMS 4)

Kwangmyongsong-4: Two views of the purported earth-observation satellite Korea launched in January 2016. Image credit: chinaspaceflight.com
# Counterspace capabilities

![Counterspace capabilities table](https://swfound.org/counterspace/)

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**Legend:**
- none
- some
- significant

[https://swfound.org/counterspace/](https://swfound.org/counterspace/)
Thank you!

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