

Information about the ARCSAT satellite network.

We refer to the publication CR/C 5541 published in BR IFIC October 5th 2021.

The Norwegian Defence Research Establishment (FFI) performs the ARCSAT demonstration mission for military Ultra High Frequency (UHF) aiming to solve the coverage gap for satellite communication capacity for tactical use in the Arctic and the North Sea. The system consists of one 6U cubesat (10 cm x 20 cm x 30 cm) developed at FFI, which will be launched into a polar Low Earth Orbit (LEO) in April 2022. The orbital height will be 500 km.

The ARCSAT UHF payload will operate with following frequency bands:

Frequency usage	
Direction	Frequency
S-E	267.3 and 268.8 MHz
E-S	312.05 and 314.7 MHz

The ARCSAT UHF payload can be operated all over the world, but it will mainly operate over the Arctic and Norwegian areas. See more information here:

https://publications.ffi.no/nb/item/asset/dspace:6776/FFIFakta_ARCSAT.pdf.

We hope this information will give enough clarification to any concerns, and we look forward to communicate with you if you have any other questions.

For further information, direct contact may be established with the operator of ARCSAT satellite, the Norwegian Defence Research Establishment (FFI).

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