

Satellites
Transversal competencies

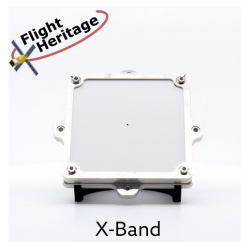


ANYWAVES, a CNES (French Space Agency) spin-off, develops revolutionary antennas for satellites constellation.

Based on breakthrough technology and an expert team mainly composed of PhD on advanced antenna technologies, ANYWAVES designs and manufactures – on demand or off-the-shelf - a new generation of miniature, high-performance and high-quality antennas for space applications such as telecommunications, IoT, navigation, Earth observation, atmospheric input and many others.

COMPETENCIES & CAPABILITIES

Expert in electromagnetism, with a focus on antennas, ANYWAVES maximizes the performances of all wireless systems and designs high-performance antennas with powerful computation resources and professional electromagnetic software. ANYWAVES proposes generic antennas (S-band TT&C, X-band Payload Telemetry, All-band GNSS, GNSS L1/E1 band, cap tests...) as well as payload ones (deployable helixes, antenna arrays...) and has high production capability. ANYWAVES also performs tests campaign with radiation pattern measurements of antennas.



ANYWAVES

PRODUCTS & SERVICES

ANYWAVES' on the shelf antennas:

- S-Band antenna for TM/TC operating in Tx & Rx
- X-Band antenna for the payload TM
- GNSS All-Bands antenna (GPS, Galileo, Glonass, Beidou, Inmarsat in L-band)
- GNSS L1/E1 band antenna

Payload antenna design & manufacturing (on request)

MAJOR SPACE PROJECTS & REFERENCES

- S-Band and X-Band antennas have flight heritage from EYESAT (CNES Janus Project) and ANGELS (by HEMERIA)
- ANYWAVES has the CNES Advance label and benefits from CNES know-how on space technologies.
- ANYWAVES awards:
 - o I-lab 2019 for the development of its new antenna technology based on 3D printed ceramic materials.
 - o FinSpace winner (Euroconsult award), Word Satellite Business Week 2019.
 - o Startup of the year 2020 , Occitanie Region .
 - o Selection by Thales Alenia Space for Omnispace's global hybrid 5G network (September 2020).
- Under EN9100 Quality certification.

POINT OF CONTACT

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TURNOVER 1 M€

WORK FORCE 20

SPACE TURNOVER

SPACE WORK FORCE 18