

Ready for the THz
REVOLUTION?

ACST
*Technology Solutions
for Terahertz Electronics*



Our Treasure & Foundation
In Your Hands

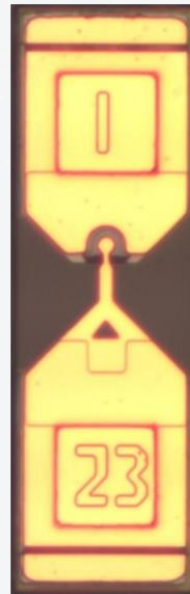
SCHOTTKY DIODES

- In-House Design & Fabrication
- Enable your own module design



2MAFx

Varistor
Diodes



3DSFx

Low Barrier
Diodes



5VAX

Varactor
Diodes

Modular

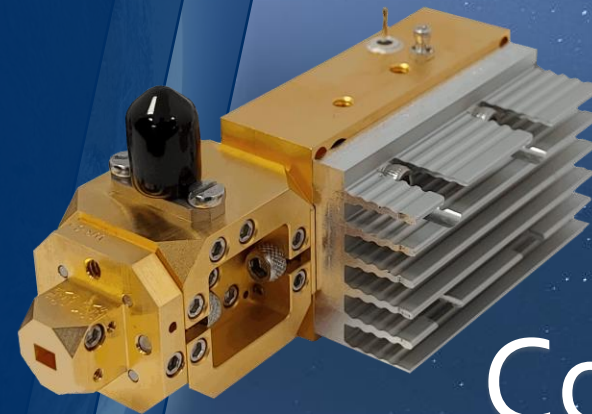
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THz SOURCES

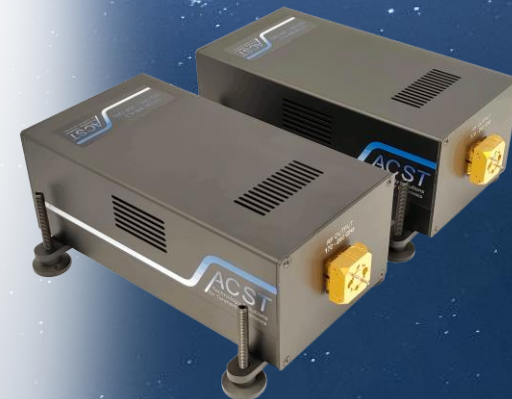
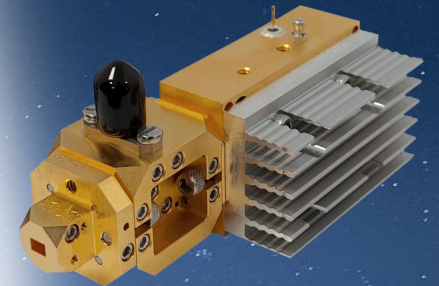
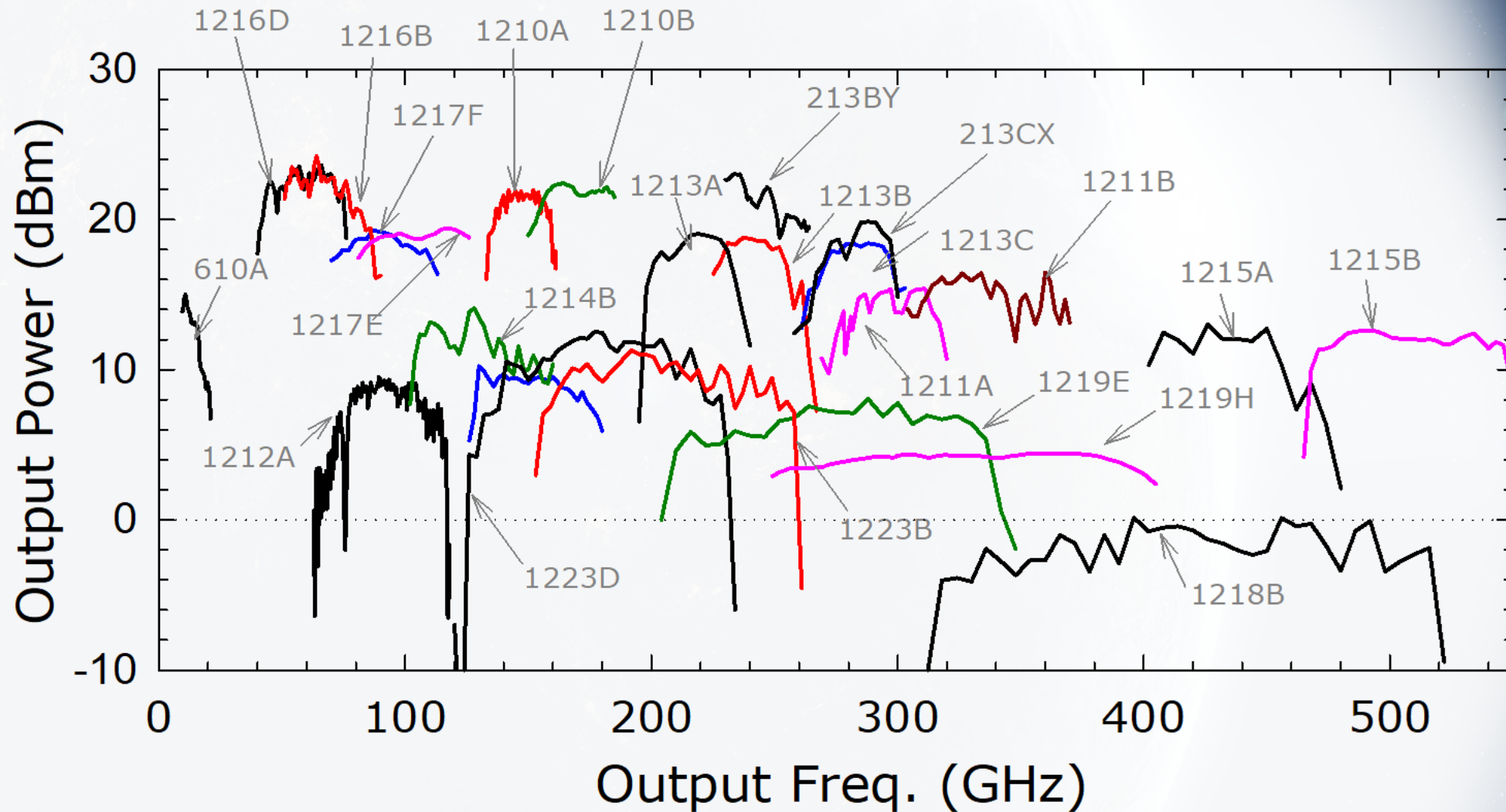
In-Housing

Eco

Compact



AMC & SOURCES

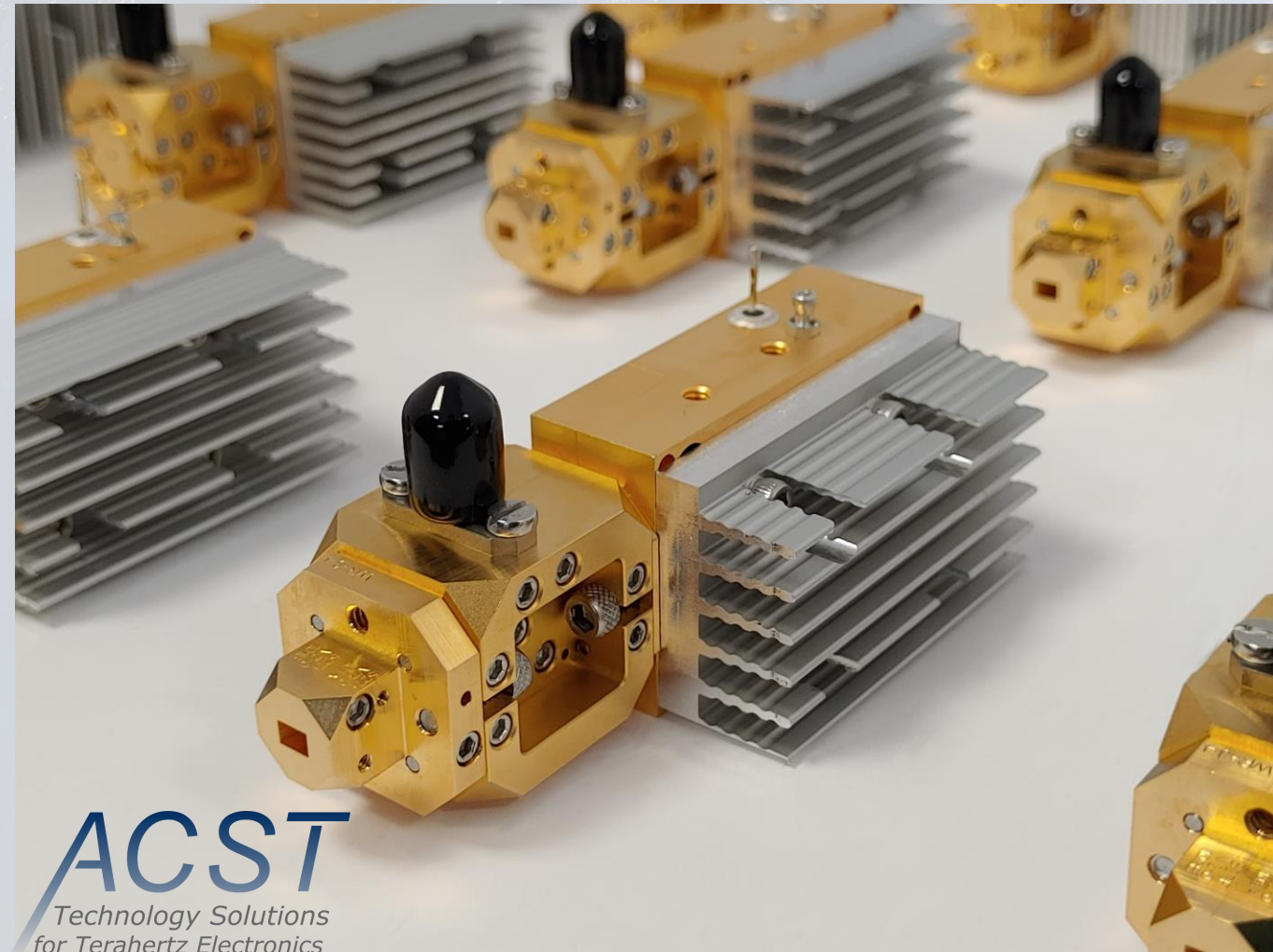


Your Solution To Industrial Applications

COMPACT SOURCES/ AMC'S



- Full performance & compact
- Suitable for integration in Arrays & FMCW Radar
- Easy substitution of obsolete Systems



AMC & SOURCES

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Your Path To Flexibility

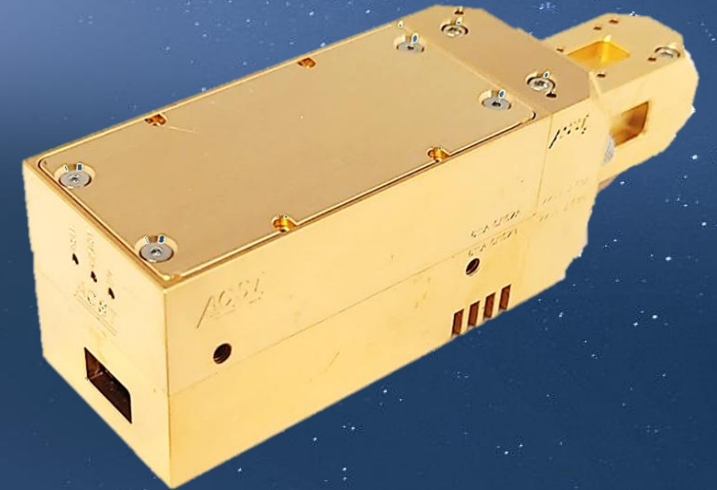
- Plug & play
- Wide range of frequencies
Broad band &
High Power
- Expendable
with ACST
products



ECO-SOURCE

Economical Solution
For Your Serial
Application

- Plug & play
- Economical
- Suitable for real life industrial application



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Your Step Into
THz



MULTIPLIERS

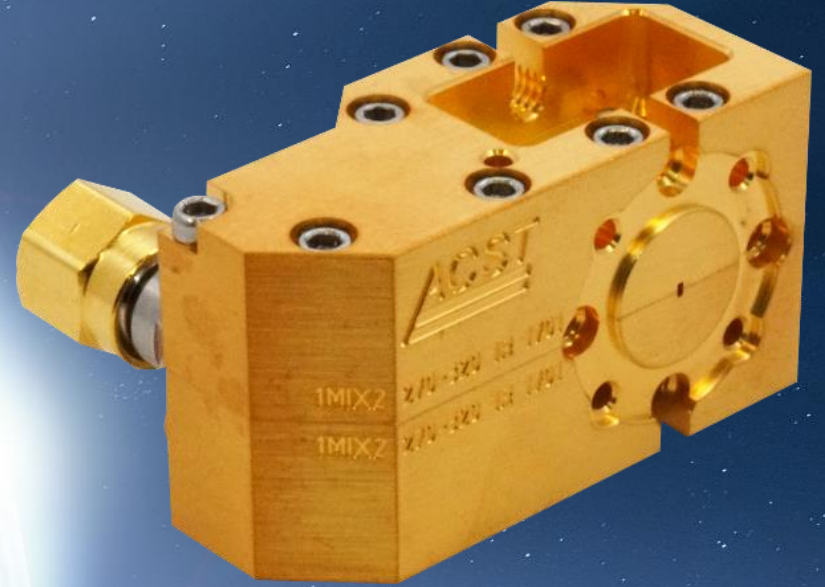
- Broad band
- High Power
- Cascadable
- Small size
- From low GHz to 1.6 THz



Your Link To Visibility

MIXERS / MIX AMCs

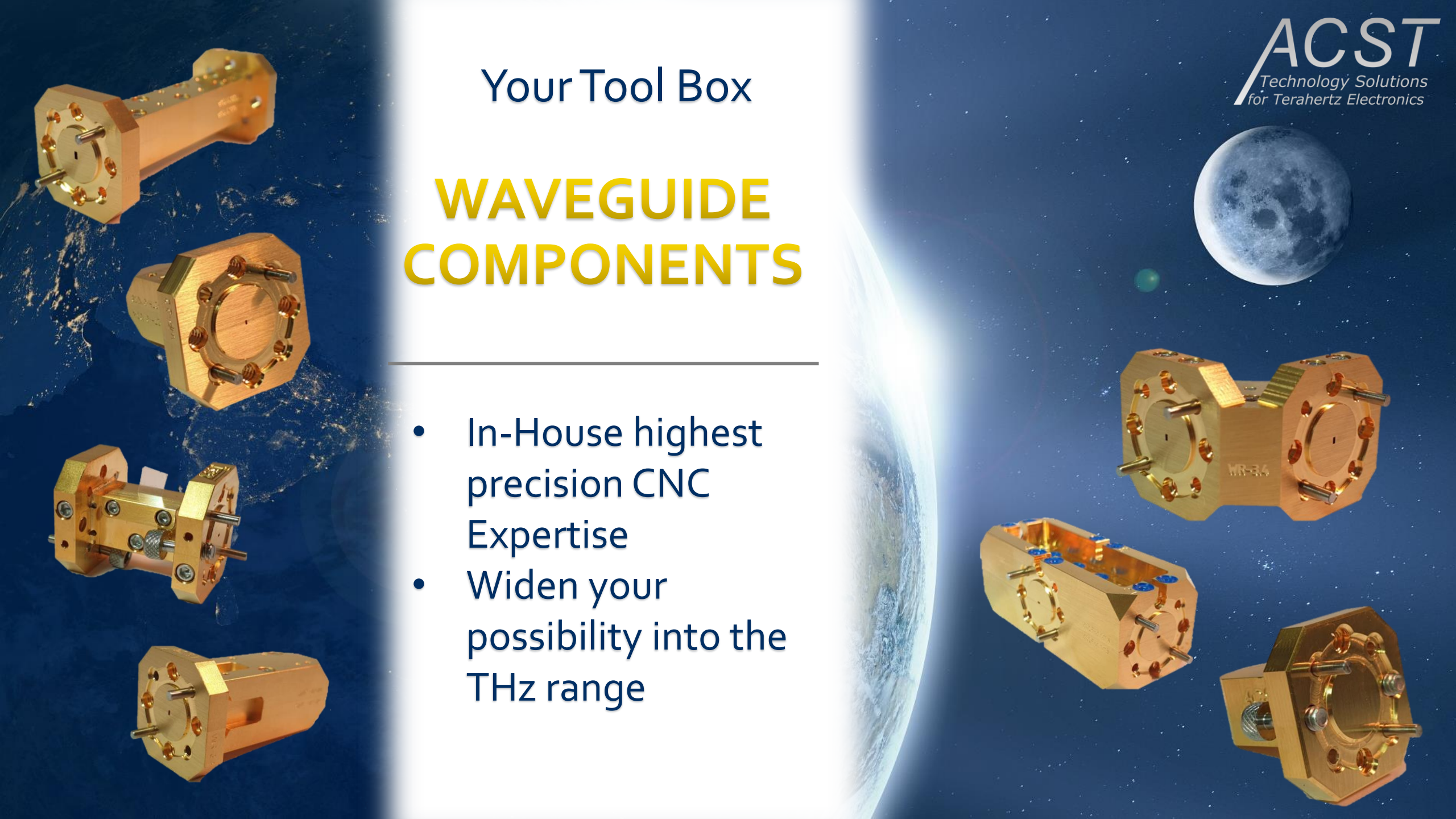
- Wide-Band Receiver Solution
- Low-noise applications
- Suitable for radar



Your Tool Box

WAVEGUIDE COMPONENTS

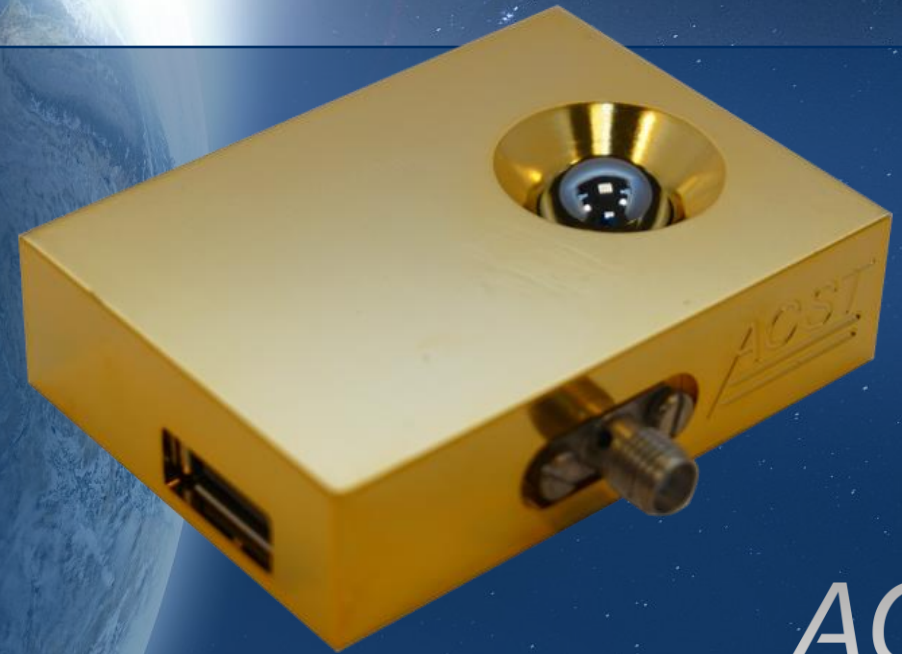
- In-House highest precision CNC Expertise
- Widen your possibility into the THz range



QUASI-OPTICAL DETECTORS

Your Unparalleled Device
For Sensitivity

- Easy to use
- Ultra-Wide Band GHz to THz
- High-sensitivity



WAVEGUIDE DETECTOR

Our Detectors
Conquered Space

- Chosen by ESA for MetOp-SG-Space Mission
- In-House Reliability test (Space Qualification)



Your Alternative **VNA - EXTENDERS**



- High-dynamic range
- Fully compatible with standard VNA's
- Cal Kits available



OUR MISSION

...is to promote
THz electronics
by innovative
solutions towards
mainstream technology!

ACST
*Technology Solutions
for Terahertz Electronics*

FOR YOUR PROJECTS AND APPLICATIONS

We
Develop
Research
Produce
Test

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