

EMBOX XL



ANTENNA MEASUREMENT JUST GOT SMARTER



Fast



Simple

INDUSTRY

AT ANYFIELDS

we design antenna testing tools with cutting-edge infrared thermography technology, born from 20 years of research at France's leading aerospace lab, ONERA.

We believe antenna measurement should be
within everyone's reach because innovation thrives when barriers fall.

That's why we've made it our mission to deliver antenna testing that is

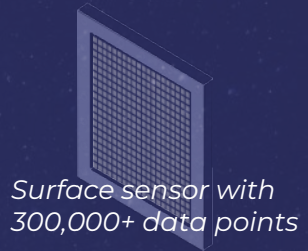
**faster, easier
and more accessible**

OUR STANDARDS



10s measurement

**High Definition visualization
of the electromagnetic field**



*Surface sensor with
300,000+ data points*



Non-invasive measurement

No band limitation



Intuitive

Plug and play



EMBOX XL



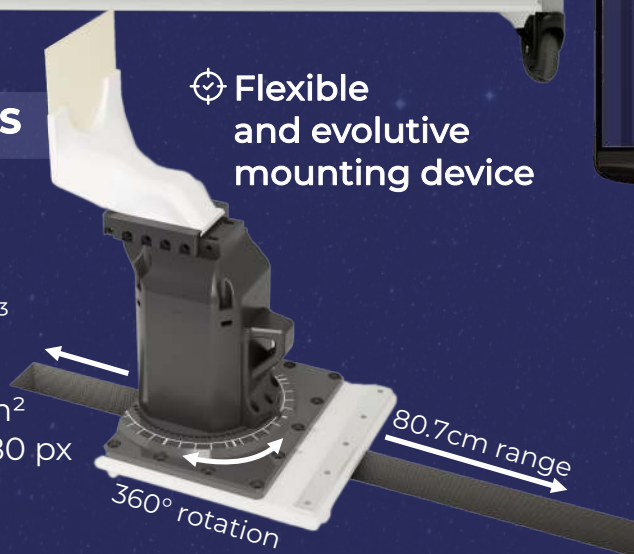
INCLUDED: EMBOX XL, EMSOFT, RFBOX

EMBOX XL - DIMENSIONS

⊕ External 181x160x86cm³

⊕ Internal 80.7x60.7x69cm³

⊕ **Surface sensor** 46x33cm²
640 x 480 px



⊕ Flexible
and evolute
mounting device

CAPABILITIES



Radiation pattern



Gain - HPBW



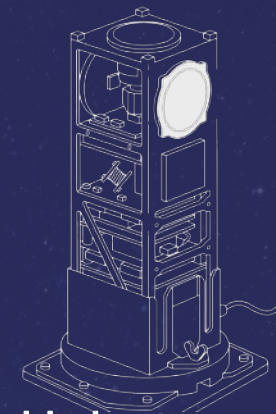
HD E-field map



Standalone or embedded antennas



Passive & Active antennas



EMSOFT

Smart data management (test, compare, organize, share...)

Automatic multi measurements in frequency & distance

Simulation upload for comparison (HFSS, FEKO, CST...)

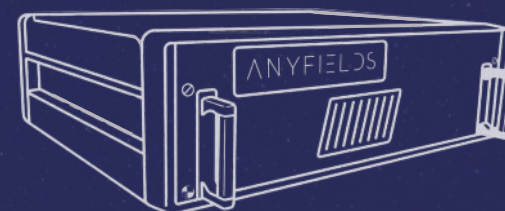


RFBOX - SOURCES

V1: 300 MHz to 6 GHz

V2: 2 GHz to 20 GHz

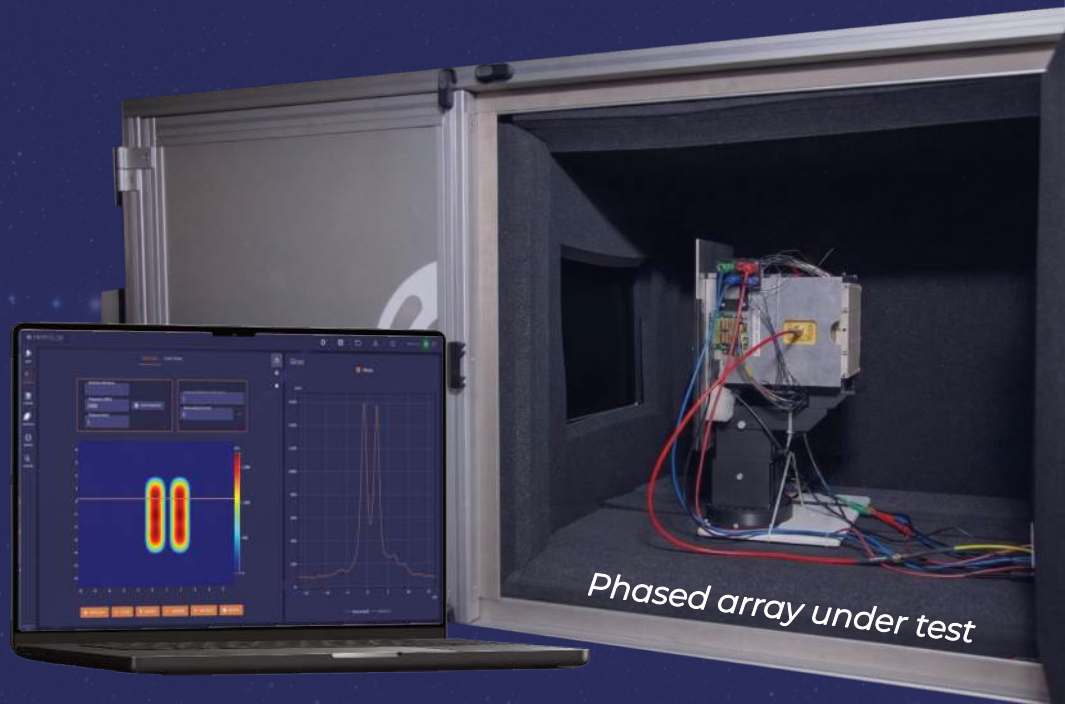
V3: 20 GHz to 40 GHz



ACCELERATE YOUR PROCESSES - STORIES

Complex antenna prototyping

Reduce development time



Antenna testing in production

Enable 100% antenna radiation testing



NEAR FIELD TESTING & DEBUGGING

Visualize each radiating element in a single snapshot

FAR FIELD PRE-CHARACTERIZATION

Beam visualization, radiation pattern



UNLOCK NEW POSSIBILITIES

Support production scaling

Seamless integration into your production line

No experts required

AUTOMATIC VALIDATION

EMSoft GO/NO GO function: pass/fail testing based on a gauge reference

DISCOVER THE EMBOX XL BY ANYFIELDS

From first prototype to final integration, EMBox XL is the smarter way to measure antennas.

The EMBox XL offers

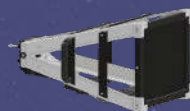
- fast testing
- near field debugging
- far field pre-characterization
- automatic validation

EMBox XL is a compact anechoic chamber embedding Anyfields' multi-patented technology, capable of capturing a full antenna radiation pattern in few seconds. Designed to fit seamlessly into your R&D, production, AIT, and maintenance processes, it enables fast and simple antenna measurements for instant results.

Discover our other products



EMBox Lab
Education



EMCam
*In situ
measurement*



ANYFIELDS

www.anyfields.eu