

EXPERTISE

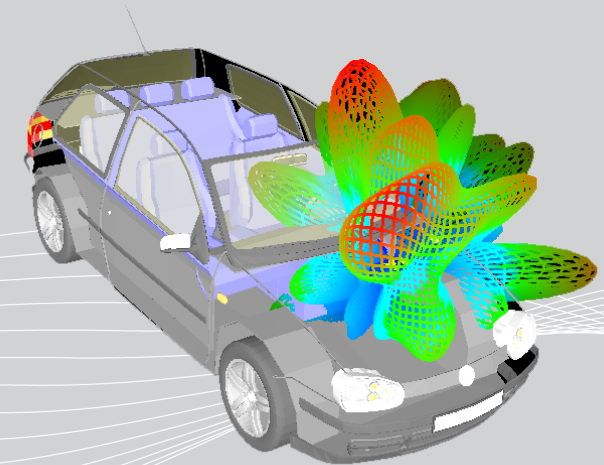
IMST has been designing RF components, cellular applications, and antennas for more than 15 years. A team of RF experts, certification specialists and antenna engineers work closely together to offer you the best possible services. Our flexibility allows us to adapt the designs and services to the most diverse wishes and requirements of our customers.

A wide range of powerful simulation tools and state-of-the-art measurement facilities enable us to complete the development and certification process within a short period of time.



Multistandard antenna module on car roof

→ MULTIBAND ANTENNAS FOR MOBILE APPLICATIONS



Multiband PC card antenna



CONTACT

IMST GmbH
 Carl-Friedrich-Gauss-Str.2
 47475 Kamp-Lintfort, Germany
T +49-2842-981 0
F +49-2842-981 499
I www.imst.de // www.imst.com
E contact@imst.de

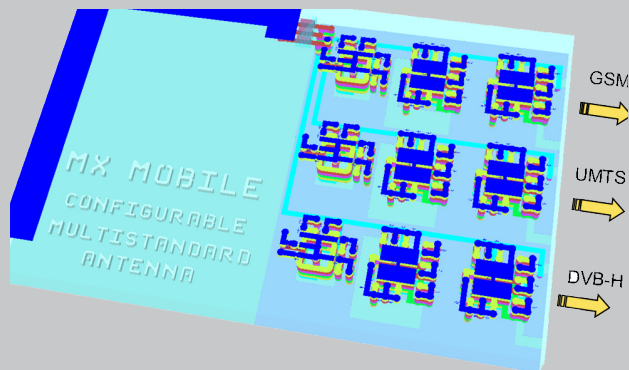
- Handset antennas
- M2M communications
- Car2X communications
- UWB antennas

IMST - YOUR CHOICE

Our company offers a complete package of services related to antennas for mobile & cellular devices for standards such as GSM, EDGE, UMTS, LTE, WiMAX, Bluetooth, WLAN, UWB and ISM. We perform not only the initial RF design, but also optimise the suppression of interferences and perform the final type approval. IMST services offer:

- RF- and antenna design
- Concept studies and antenna consulting
- RF- and antenna measurements
- Antenna prototyping
- CTIA, CE and SAR certification

Configurable Multistandard Antenna



M2M AND CONSUMER APPLICATIONS

The communication between machines (M2M) and the interconnection of different household devices, such as Hi-Fi, home entertainment systems or TV-sets rely strongly on the use of wireless links. In the first case, it is necessary to ensure secure and robust communications in „hostile“ environments, while for the consumer markets the stress is put on achieving a large bandwidth for high data rates.

IMST offers cutting-edge solutions and state-of-the-art technologies that satisfy the requirements of our customer.

IMST provides antenna solutions for:

- Mobile communications
- M2M communications systems
- ISM Applications
- Automotive applications
- UWB

MOBILE COMMUNICATIONS

The need for universal mobile communications, ubiquitous data access and on-board entertainment systems, for example in vehicles, foster the expansion of wireless applications onboard as well as the implementation of various radio standards. Efficient antenna modules are thus required to provide optimum access to these services anytime anywhere. Nowadays, such antennas cannot be considered as stand-alone systems, but have to be integrated in the whole RF-infrastructure.

Also, topics such as reconfigurable antennas or the use of MIMO systems are fundamental for future mobile communications technologies.

