

**UK specialist in RF, Microwave & mmW Components, Modules & Test Solutions**

[VIEW NEWSLETTER AS WEBPAGE](#)

[WWW.MELCOM.CO.UK](http://WWW.MELCOM.CO.UK)

+44 (0)1932 565544

# ERAVANT

FORMERLY SAGE MILLIMETER

## NEW VNA EXTENDERS AND MILLIMETER TEST PRODUCTS TO OPTIMISE EFFICIENCY AND PERFORMANCE

- VNA Frequency Extenders
- VNA Calibration Kits
- Proxi-Flange - Contactless Flange Waveguide
- Wave-Glide - Rail System for mmW Tests

### Vector Network Analysers (VNA) Frequency Extenders

**Eravant's VNA Extenders are compatible with:**

- Keysight
- Rohde and Schwarz (R&S)
- Anritsu
- Copper Mountain Technologies (CMT)



#### Benefits of Eravant's VNA Extenders:

- High performance and competitively priced
- Provides similar dynamic range as offered by the industry leaders
- Offered in a pair (2 complete TX/RX modules) with full [S] parameter testing

**VNA Extenders are offered in 6 banded frequencies:**

- WR-15 (50 to 75 GHz)
- WR-12 (60 to 90 GHz)
- WR-10 (75 to 100 GHz)
- WR-08 (90 to 140 GHz)
- WR-06 (110 to 170 GHz)
- WR-05 (140 to 220 GHz)



[Click here for full range of VNA Extenders provided](#)

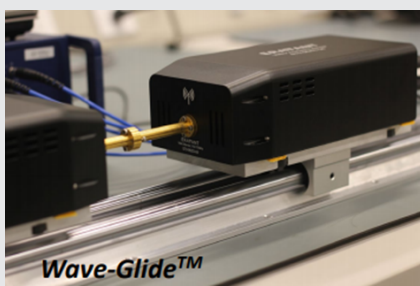
### VNA Calibration Kits (STQ-TO Series)



- Covers frequency range 18 to 220 GHz
- Qualified with the major VNA manufacturers
- NIST- traceable calibration certificates available
- Cost competitive

[Click here for full range of Calibration Kits provided](#)

**Wave-Glide™ Rail System**



- Assures precision alignment of frequency extender heads for mmW test
- Reduces set up time
- Optimises performance by eliminating mis-alignment conditions
- Especially effective when used with the Proxi-Flange™ range

[Click here for full range of Wave-Glide products provided](#)

## Proxi-Flange™ Contactless Flange



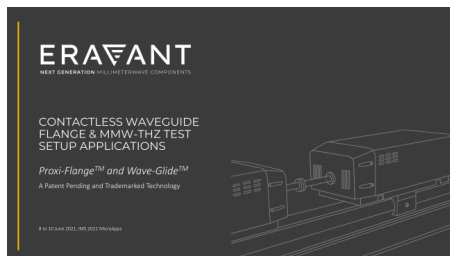
- To enhance the mmW VNA test system, Eravant has introduced a contactless flange design
- Contactless Flange is a waveguide section with a novel flange design which forms the RF choke when making contact to another waveguide flange to eliminate the need of perfect mechanical connection
- Offered in 6 waveguide bands covering the frequency range of 50 to 220 GHz

[Click here for full range of Proxi-Flange products provided](#)

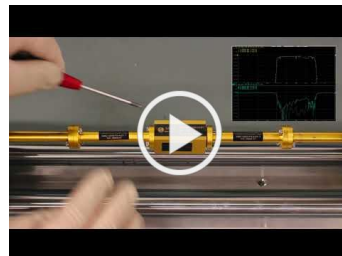
## Benefits of Proxi-Flange™ and Wave-Glide™

- **Proxi-Flange** enables more reliable and accurate test system calibration in an efficient way
- **Proxi-Flange** eliminates the calibration or testing errors caused by waveguide cocking to produce more accurate and reliable DUT test data
- **Proxi-Flange** reduces wear and scratches on the DUT flange threads. It also reduces the necessary skill level of the operator
- **Proxi-Flange** enables tight space testing conditions due to screw insertions not required
- **Proxi-Flange** preserves test equipment accuracy and extend waveguide test equipment lifespan
- **Proxi-Flange** and **Wave-Glide** increases the precision of mechanical alignment, increases productivity and guarantees consistent DUT test results.
- **Proxi-Flange** and **Wave-Glide** with built-in computer-controlled actuator or motor, enables high throughput, fully automated mmW volume production and high repeatability

[Click on the Proxi-Flange and Wave-Glide Presentation](#)



[Click below for the video on Proxi-Flange and Wave-Glide](#)



[Learn more about Eravant](#)

[Contact Melcom - for detailed specification, pricing & availability](#)