

# PHASE NOISE MEASUREMENT

- ▶ **Capability up to 270 GHz**
- ▶ **Isolated Amplitude & Phase Noise Measurements**
- ▶ **Real-Time Cross-Correlation measurements**

Eravant offers industry-leading phase noise testing services, utilizing real-time cross-correlation measurements for exceptional accuracy. Through a partnership with Holzworth, we have developed in-house test capabilities for precise phase noise measurement and actual noise floor measurement. Among the most modern phase noise instruments available, the Holzworth phase noise analyzer enables the isolation of both AM noise and PM noise, as well as comprehensive measurements of baseband signals, spurious signals, and jitter.

By incorporating a dedicated collection of phase noise extenders designed specifically for Holzworth analyzers (Phase Noise Analyzer Down Converters), Eravant extends measurement capabilities up to 270 GHz (J-band), meeting the most demanding requirements in high-frequency applications.

Test services offered by Eravant require close coordination and interaction between customers and our technical staff. Both on-site and remote testing options are offered. Eravant is located in Torrance CA, a short drive from Los Angeles International Airport (LAX).

