

DPACI features a fully-equipped RF & Microwave Lab with the capability to test at 40 GHz, and is expandable to 300 GHz in Class zero ESD environment:

Our RF & Microwave Lab features the following test equipment hardware:

- ◆ Lightning Speed D Series Vector network Analyzers
- ◆ Phase Noise Analyzers
- ◆ Noise Figure Meters
- ◆ Spectrum Analyzers
- ◆ RF Synthesized Sweepers
- ◆ Power Meters



Lab View and Lab Windows for data acquisition and RF ATE design.

Advanced RF Circuit & Fixture design to meet our customer's requirements.

Target Technology:

- ◆ PAs
- ◆ LNAs
- ◆ MIMICs
- ◆ VCOs
- ◆ DROs
- ◆ Mixers
- ◆ Log Amps
- ◆ Frequency Dividers
- ◆ Prescalers
- ◆ RFIC
- ◆ Filters
- ◆ Attenuators
- ◆ RF Diodes

Meeting today's RF & Microwave industry demands, and beyond. RF Parameters tested per Military and Space requirements with read and record variables data include:

- ◆ Power Sweep Measurements
- ◆ S-parameters
- ◆ Gain
- ◆ Noise Figure
- ◆ Harmonics and THD
- ◆ Signal to Noise Ratio (SNR, SINAD)
- ◆ Second and Third Order Intercept
- ◆ EVI
- ◆ Dynamic Signal Analysis

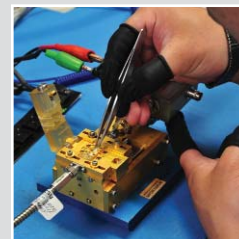
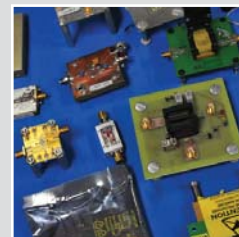




DPACI has performed RF screening, qualification (Class S and Class K) and custom packaging to the following customers:

Screening, QCI, RF Packaging and Assembly(*)

JPL*
Lockheed Martin
Northrop Grumman Space
L3 Communications
General Dynamics
The Boeing Company*
Rockwell Collins
AeroJet (Northrop Grumman)
EMS Technologies
John Hopkins University, Applied Physics Labs
University Of Iowa, Astronomy Department
Artemis*
AIL
BAE
Space Photonics*
Ball Aerospace
Pratt & Whitney
Teledyne*
Rockwell Scientific
AITECH



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