OUR SECTORS OF ACTIVITY

- Space
- Aeronautics
- Industry
- Defense
- Energy
- Transport
- Telecoms

YOUR COMPONENTS

- Laser diodes
- LEDs
- Phototransistors
- Photodiodes
- Sensors CCD & CMOS
- Lenses
- Mirrors
- Optical windows
- Optical fibers
- Optical connectors
- ...

QUALITY CERTIFICATIONS

SERVICE SME LABEL cnes

afaq ISO 9001 Qualité AFNOR CERTIFICATION

CONTACT US

www.adveotec.com

+33 (0)1 60 86 43 61

salesdpt@adveotec.com

6 Rue Jean Mermoz,
91080 Evry-Courcouronnes - FRANCE

Join us on
AdvEOTec and AdvEOTec TestLab

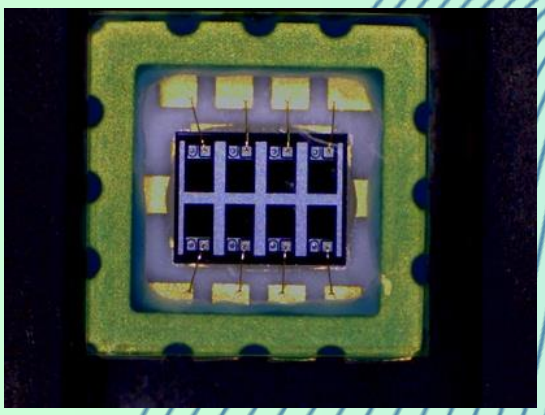
S.A.S. Capital €72,000 - 449 130 467 RCS EVRY - APE 7490B

Photonics Measurements and Characterization Laboratory

Since 2003, AdvEOTec carries out measurements, tests and expertises on optoelectronic components and systems, from evaluation to the complete qualification of these systems.

Our laboratories simulate the most demanding environments for standardized tests (Telcordia, MIL-STD, ESCC, IEC, etc.). Our know-how also enables us to carry out special tests.

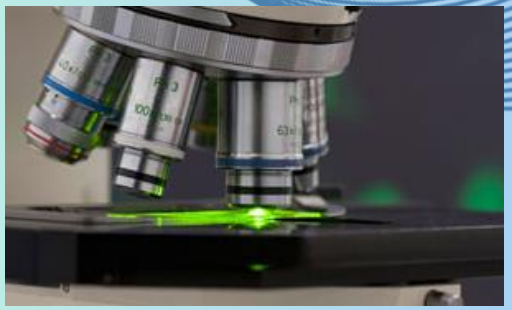
OPTICAL DETECTORS AND IMAGERS



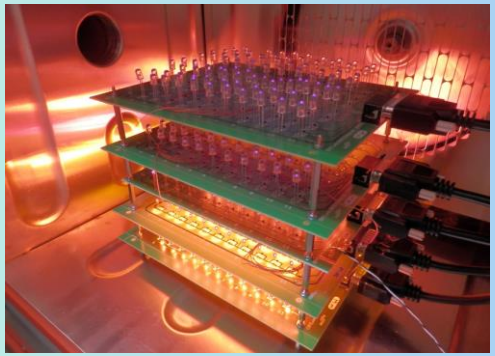
- Dark current versus voltage (Iobs(V))
- Sensitivity versus wavelength (S(λ))
- Photocurrent versus voltage (Iph(V))
- Capacity versus voltage (C(V))
- Response Time (tr, tf)
- Gain versus voltage (M(V))
- Optical crosstalk (XT)
- Pixel Noises (FPN)
- Pixel Linearity and Uniformity
- Conversion Gain
- Quantum Efficiency
- Bit Error Ratio (BER) measurements

VISUAL INSPECTION

- Internal and external visual inspections
- Defect mapping: residues, delaminations, chips, scratches, particles

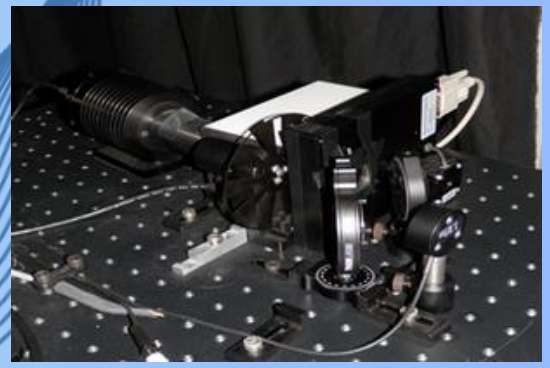


OPTICAL EMITTERS



- Energy / Optical power
- Spectral radiometry
- Spatial radiometry
- Fluorescence
- Bit Error Ratio (BER) measurements

FREE SPACE OPTICS



- Photopic and scotopic measurementss
- Spectral and spatial radiometry
- Reflection or Transmission coefficient as a function of wavelength

GUIDED OPTICS

- Insertion Loss (IL)
- Return Loss or Reflection Ratio (RL)
- Polarisation Dependence Loss (PDL)
- Optical crosstalk
- Polarization Dependence Loss (PDL)

SPECIAL MEASUREMENTS

Contact us...