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Contract

Ka?Band Module Development & Complex Modulation Measurement Support

NPL Management Limited

UK7: Contract details notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2026/S 000-009537

Procurement identifier (OCID): ocds-h6vhtk-06158a

Published 3 February 2026, 2:57pm

Scope

Reference

PO00015963

Description

Specialist technical input into the DSIT Semiconductor Project: Ka?Band Module Development and Complex Modulation Measurements, contributing to the development of new measurement capability in high?frequency RF semiconductor characterisation.

The work includes:

Characterisation of dielectric properties (e.g., charge mobility, permittivity) of semiconductor materials such as GaAs/GaN from 26.5-40 GHz and up to 330 GHz, including 2D wafer property mapping.

Development of on?wafer modulated?signal measurement capability, testing QPSK, APSK?16, APSK?32 signals with varying input powers, with and without predistortion.

Measurement of connectorised devices within an NPL 6G testbed.

Provision of Ka?band die samples, attendance at weekly technical meetings, development tasks, and delivery of a loaned connectorised Ka?band transmit module.

Contract 1

Supplier

- Viper RF Limited

Contract value

- £50,000 excluding VAT
- £60,000 including VAT

Below the relevant threshold

Date signed

8 January 2026

Contract dates

- 8 January 2026 to 8 January 2026
- 1 day

Main procurement category

Services

CPV classifications

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)
- 73000000 - Research and development services and related consultancy services

Contract locations

- UK - United Kingdom

Procedure

Procedure type

Below threshold - unknown

Supplier

Viper RF Limited

Unit 22 Parsons Court, Welbury Way, Newton Aycliffe

NEWTON AYCLIFFE

DL5 6ZE

United Kingdom

Email: jim.mayock@viper-rf.com

Region: UKC14 - Durham CC

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Contract 1

Contracting authority

NPL Management Limited

- Companies House: 02937881
- Public Procurement Organisation Number: PYDB-8862-JBYM

National Physical Laboratory

Teddington

TW11 0LW

United Kingdom

Email: etenders@npl.co.uk

Website: <http://www.npl.co.uk>

Region: UKI75 - Hounslow and Richmond upon Thames

Organisation type: Public undertaking (commercial organisation subject to public authority oversight)