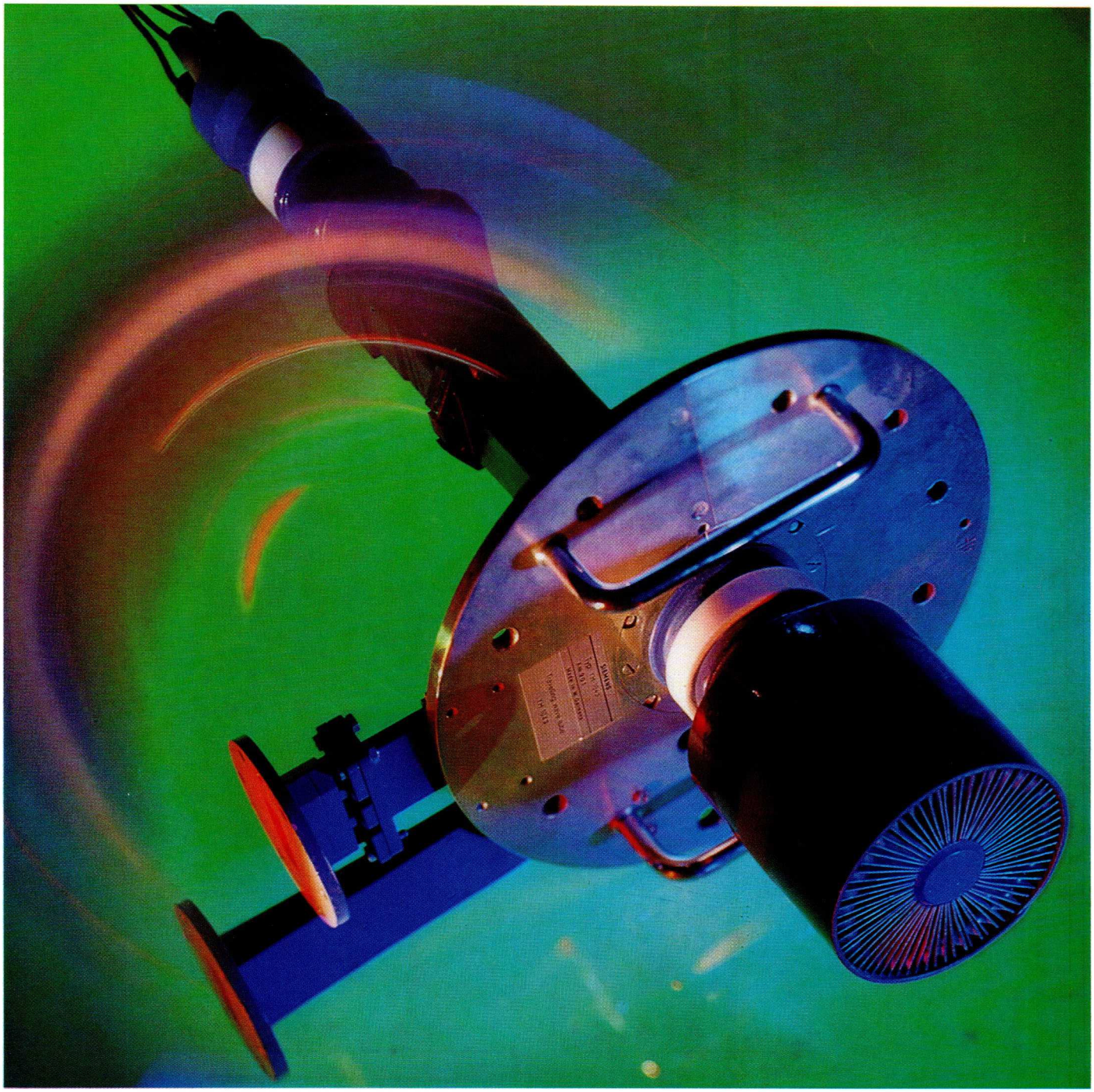
SIEMENS

High Power Microwave Tubes



YH 1041

High power traveling-wave tube for multicarrier operation in the frequency band 5.925 to 6.425 GHz with a CW output power of 3 kW in single carrier operation.

The YH 1041 is easily replaceable in 15 PPM focusing system MYH 1041.

The tube is water-cooled.

The YH 1041 operates in INTELSAT III and INTELSAT IV earth stations in Europe, Asia and South-America.
The YH 1041 is also scheduled to operate in the European Symphonie satellite earth stations.

Order No. Q 42-X 4653

YH 1043

High power, metal-ceramic, traveling-wave tube for satellite communications earth stations operating in the fequency band 5.925 to 6.425 GHz.

In single carrier operation the YH 1043 delivers a minimum CW output power of 1.2 kW.

The YH 1043 is easily replaceable in its electromagnet MS 1043. The delay line is a helix structure with excellent RF characteristics. Tube and magnet system are forced air cooled.

YH 1043 operates in European, African and South-American earth stations.

Order No. Q 42-X 4655

YH 1045

High power traveling-wave tube for satellite communications earth stations operating in the frequency band 5.925 to 6.425 GHz with a saturation power of 12 kW. In single carrier operation the tube delivers a CW power of 5 kW.

The YH 1045 is easily replaceable in its electromagnet MS 1045.

Tube and solenoid are water cooled.

The YH 1045 operates in European and Asian satellite earth stations.

Order No. Q 42-X 4657

YH 1046

Similar to YH 1045, however with 8 kW CW powers and higher gain.