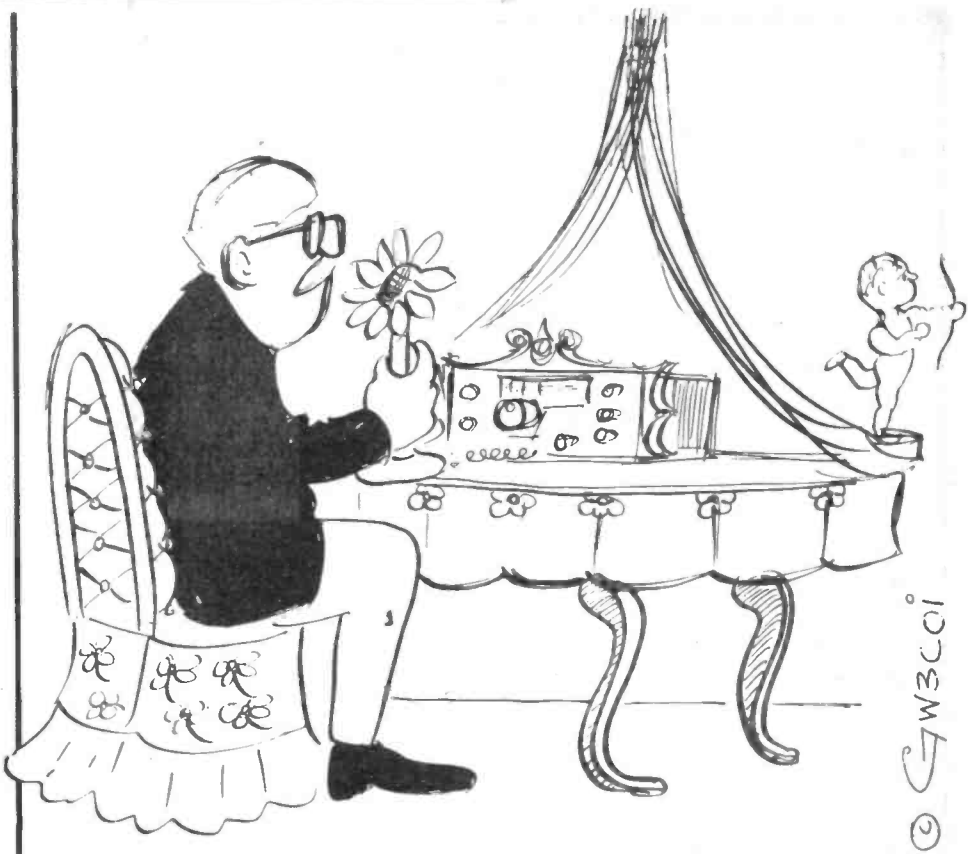
Uses

The device performs best when you want to know more about frequency content and relative amplitudes rather than as a precision measuring instrument. An excellent application is tuning up a frequency multiplier strip. I have personally found the unit the best tool yet devised for tuning up Pye Pocketphones, in fact for dealing with any set of unknown quantity (or quality!). Transverters are another worthy application. Its ability to track down spurious oscillations is formidable and has already been dealt with.

By way of a technical aside **Fig. 5** offers a circuit of an RF probe for use with a DC multimeter. It effectively detects fairly low level RF signals and measures higher level ones with good accuracy. Of all the probe circuits that I have tried, I have found that this one offers the least detuning. Be careful not to exceed the reverse breakdown voltage of whatever diodes are in use. Germanium types seem to work OK up to around 20V of RF.



"...using the XYL's rig here..."