**POST-EXPERIMENT QUIZ**

1. Why the slot is cut in the centre of the waveguide not off centre?
2. What types of errors are introduced in measurement due to finite probe depth and a slot in a waveguide?
3. Why detector is required to have a square law response? If it has response proportional to the cube of the input what correction you will need to apply.
4. Why the Klystron/Gunn source is square wave modulated at end frequency range?
5. If the excitation of the waveguide is changed to TEmn mode, can we continue with this set up? What will be the effect of multimode in measurement?