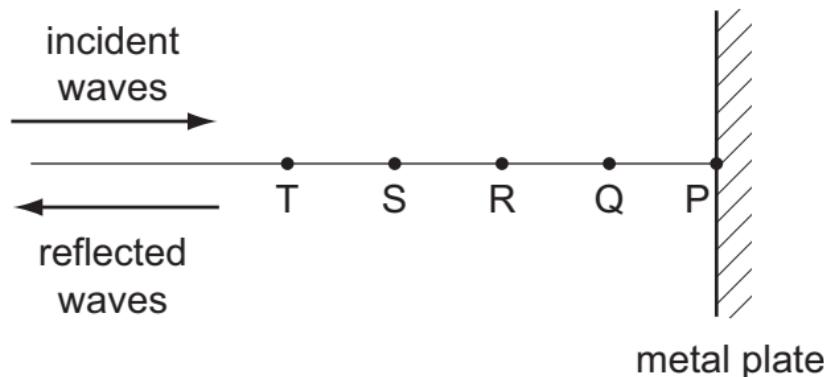


- 26 A microwave transmitter emits waves towards a metal plate. The waves strike the plate and are reflected back along their original path.



A microwave detector is moved along the line PT.

Points P, Q, R, S and T are the positions where minima of intensity are observed. These points are found to be 15 mm apart.

What is the frequency of the microwaves?

- A 5.0 GHz      B 6.7 GHz      C 10 GHz      D 20 GHz

- 27 A double slit experiment, using light of wavelength 600 nm, results in fringes being produced on a