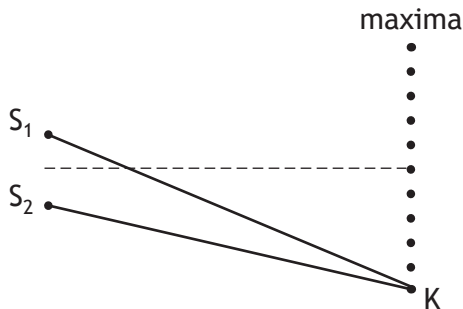


16. Waves from coherent sources,  $S_1$  and  $S_2$ , produce an interference pattern. Maxima are detected at the positions shown.



The path difference  $S_1K - S_2K$  is 154 mm.

The wavelength of the waves is

- A 14.0 mm
- B 15.4 mm
- C 25.7 mm
- D 28.0 mm
- E 30.8 mm.