

The mystery of why an entire village lost its broadband

- 1 An unnamed householder in Aberhosan, Powys, was unaware his old TV-set would emit a signal which would interfere with the entire village's broadband. After 18 months engineers began an investigation after a cable replacement programme failed to fix the issue.

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- 5 “We’d just advise the public to make sure that their electric appliances are properly certified and meet current British standards,” she said. “And if you have a fault, report it to your service provider in the first instance so that we can investigate.”

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Tekst 2 The mystery of why an entire village lost its broadband

- 1p 2 Alinea's 2, 3 en 4 ontbreken in de tekst. Ze staan hieronder, maar niet in de juiste volgorde.
→ Schrijf de letters van de alinea's in de juiste volgorde op in de uitwerkbijlage.

[a] Openreach engineers were baffled by the continuous problem. They walked around the village with a monitor called a spectrum analyser to try to find any 'electrical noise' to help pinpoint the problem. "At 7am our device picked up a large burst of electrical interference in the village. It turned out that at 7am every morning the occupants of a certain house would switch on their old TV which would, in turn, knock out broadband for the entire village," said Mr Jones.

[b] So what else can cause broadband problems? Suzanne Rutherford, Openreach chief engineer's lead for Wales, said anything with electric components – from outdoor lights to microwaves – can potentially have an impact on broadband connections.

[c] The TV was found to be emitting a single high-level impulse noise (SHINE), which causes electrical interference in other devices. The embarrassed householder promised not to use the television again. The village now has a stable broadband signal.

Bronvermelding

Een opsomming van de in dit examen gebruikte bronnen, zoals teksten en afbeeldingen, is te vinden in het bij dit examen behorende correctievoorschrift.