```
\begin{split} & \text{proc esSe\~nal (in } s: seq\langle \mathbb{Z}\rangle, \text{ in } prof \text{: } \mathbb{Z}, \text{ in } freq\text{: } \mathbb{Z}, \text{ out } result\text{: Bool) } \\ & \text{Pre } \{prof > 0 \land freq > 0\} \\ & \text{Post } \{result = \text{true} \leftrightarrow esSe\~nalAux(s,prof,freq)\} \\ \} \\ & \text{pred esSe\~nalAux } (s: seq\langle \mathbb{Z}\rangle, prof\text{: } \mathbb{Z}, freq\text{: } \mathbb{Z}) \ \{ \\ & \text{ } \} \\ & \text{fun duraci\'onEnSegundos } (s: seq\langle \mathbb{Z}\rangle, freq\text{: } \mathbb{Z}) : \mathbb{Z} = |s| \ div \ (freq \cdot 1000) \ ; \end{split}
```