$$\wedge\, prof > 0$$
$$\wedge\, freq > 0$$
$$result = esSe\tilde{n}alAux(s, prof, freq)$$
$$\geq 0 \wedge$$
$$\wedge \quad frecuenciaEnRango$$
$$\wedge \quad profundidadCorrecta$$
$$\wedge \quad duraMasDeUnSegundo$$
$$\wedge \quad ningunaMuestraSuperaLaProfundidad$$
$$\in [8, 32]$$
$$\in [8, 16, 32]$$
$$(freq \cdot 1000) > 1$$
$$-2^{p-1} \leq s[i] \leq 2^{p-1} - 1$$