

$$v' = ?$$

Gegeben:

$$v_p = 340 \text{ m/s}$$

$$v = 600 \text{ Hz}$$

$$v_k = 0 \text{ m/s}$$

$$v = 54 \frac{\text{m}}{\text{s}} = 15 \frac{\text{m}}{\text{s}}$$

Beste:

$$\text{well } 41.2 \text{ kHz } 185$$

$$v' = 680 \text{ Hz}$$

$$v' = 600 \text{ Hz}$$

$$v' = v \cdot \frac{v_p - v_k}{v_p - v}$$

Kontrolliere:

$$\frac{340 \text{ m/s} - 15 \text{ m/s}}{340 \text{ m/s}}$$