

$$L'' = \frac{468}{F_{\text{freq}} (\text{in MHz})}$$

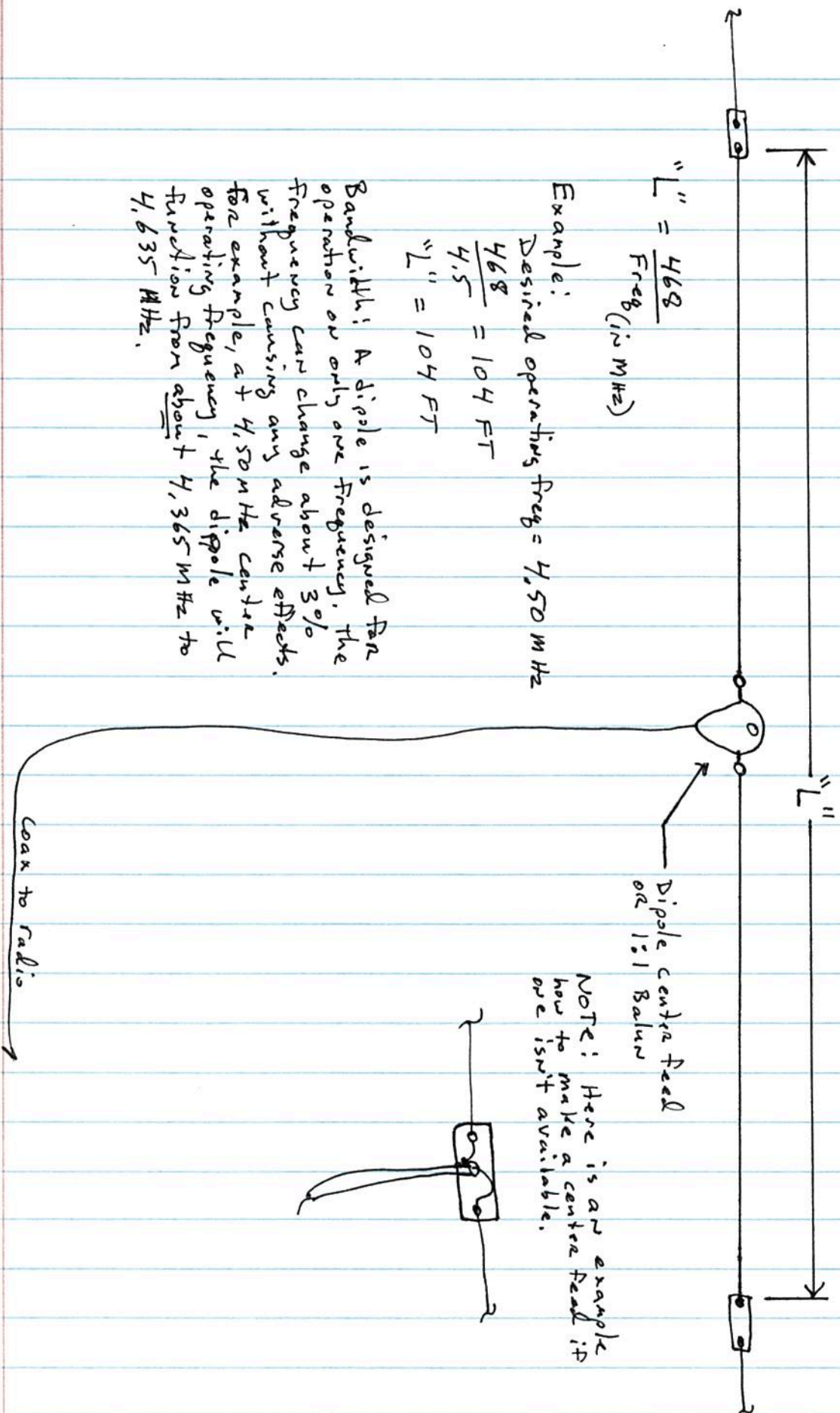
Example:

Desired operating freq = 4.50 MHz

$$\frac{468}{4.5} = 104 \text{ FT}$$

$$L'' = 104 \text{ FT}$$

Bandwidth! A dipole is designed for operation at only one frequency. The frequency can change about 3% without causing any adverse effects. For example, at 4.50 MHz center operating frequency, the dipole will function from about 4.365 MHz to 4.635 MHz.



"Fixed" Frequency Dipole Calculation

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