

dot touching stem
(not acceptable)

flat too close to stem.

Ledger line gap is an interesting Lilypondism, however the rule to shorten this line should not be in effect since the accidental has been moved away from the note to make room for the note in the other voice.

Ideal placement of the dot would be equidistant between the three adjacent lines.

down stem should extend beyond other note to make it more visible (probably too refined to decide automatically).