***Reversed feedback amplifier***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Observed value | | Calculated value | | |
| UBE(V) | VC(V) | VE(V) | UCE=VC-VE | IC=VE/Re(mA) |
| Vt1 | 0.658 | 3.814 | 3.752 | 0.062 | 3.752 |
| Vt2 | 0.665 | 4.185 | 3.231 | 0.954 | 3.231 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Us(mv) | Ui(mv) | U0(V) | UOL(V) | Au/Auf | Ri/rif | Ro/Rof |
| Basic amplifier | 5 | 1.03 | 0.264 | 0.149 | 1.26 | 0.79 | 1.26 |
| Reversed feedback amplifier | 5 | —— | 0.205 | 0.121 | 1.23 | 0.8 | 1.24 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | fH(KHZ) | Fl(Hz) | W=Fh-Fl(khz) |
| Basic amplifier | 7.6 | 380 | 7.22 |
| Reversed feedback amplifier | 3.8 | 210 | 3.59 |