==================BGR Transient Analysis ======================
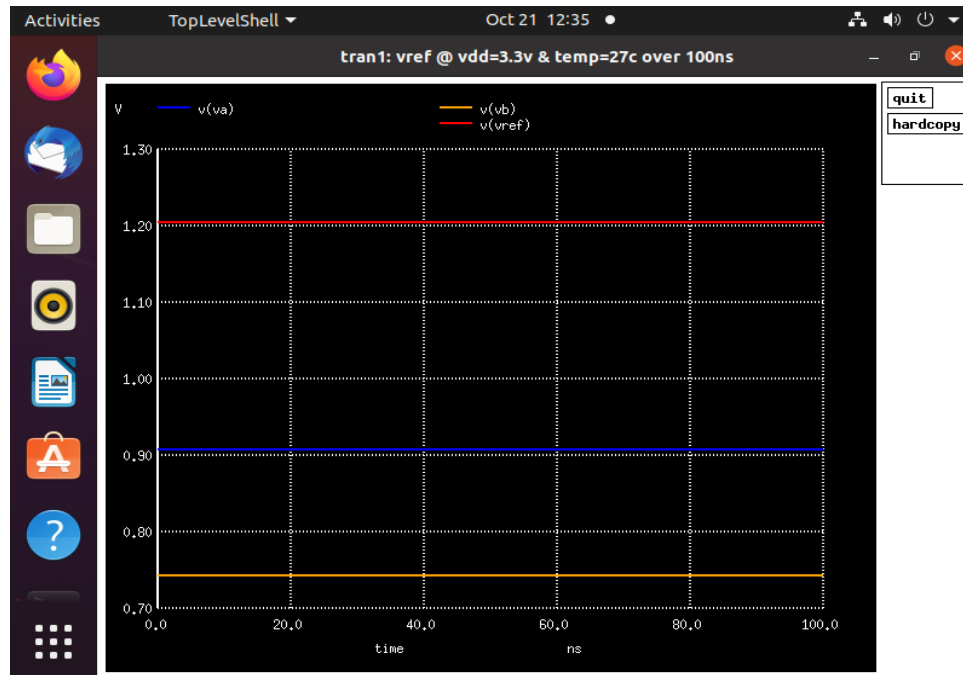

Figure 1: transient analyses

====================BGR VDD sweep======================

.dc Vdd1 2 4 0.1
.control
run
plot v(vref)
.endc
.end
waveform:
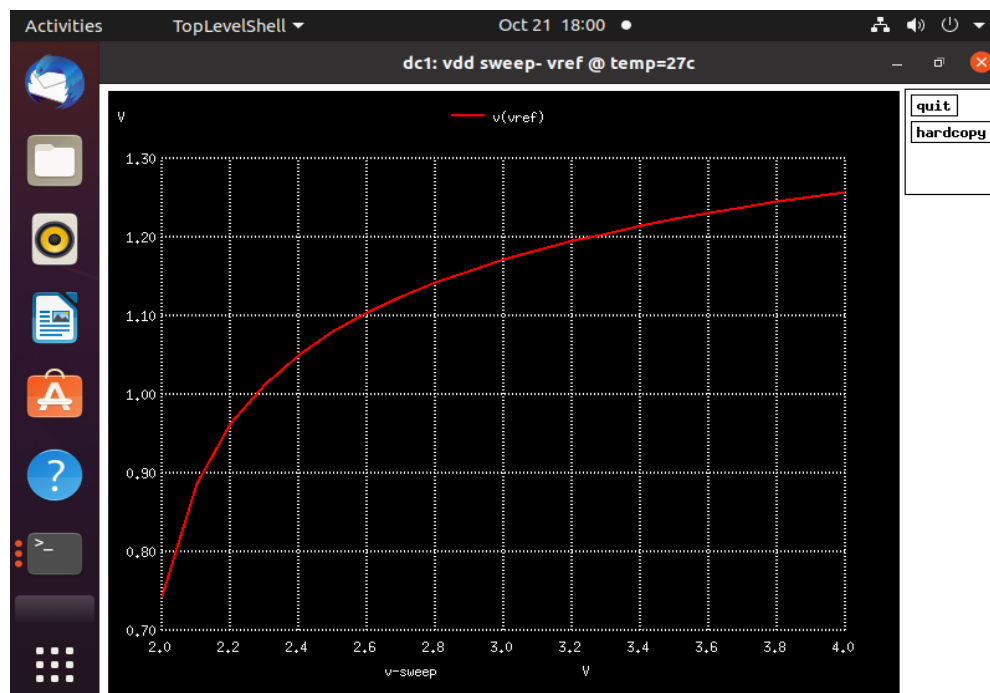
Figure 2: Vdd sweep

===================BGR TEMP sweep======================

```
.dc temp -40 140 1
.control
run
plot v(vref)
.endc
.end
```
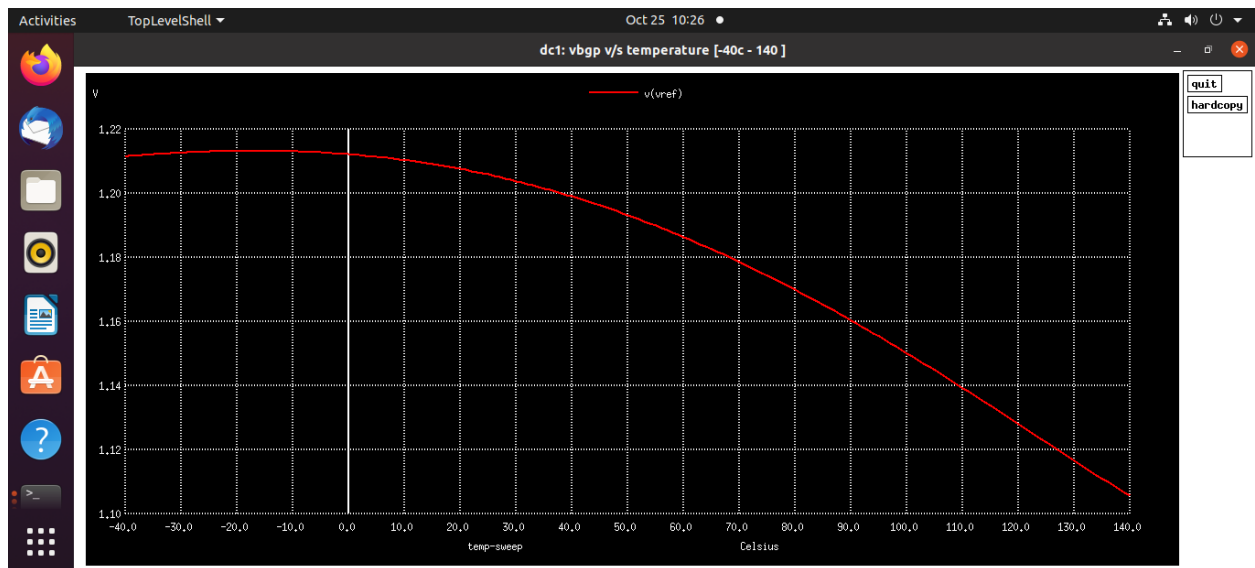
waveform:

==================BGR VC variation =====================

.dc Vdd1 2 4 1
.control
run
plot deriv(v(vref))
.endc
.end

waveform:
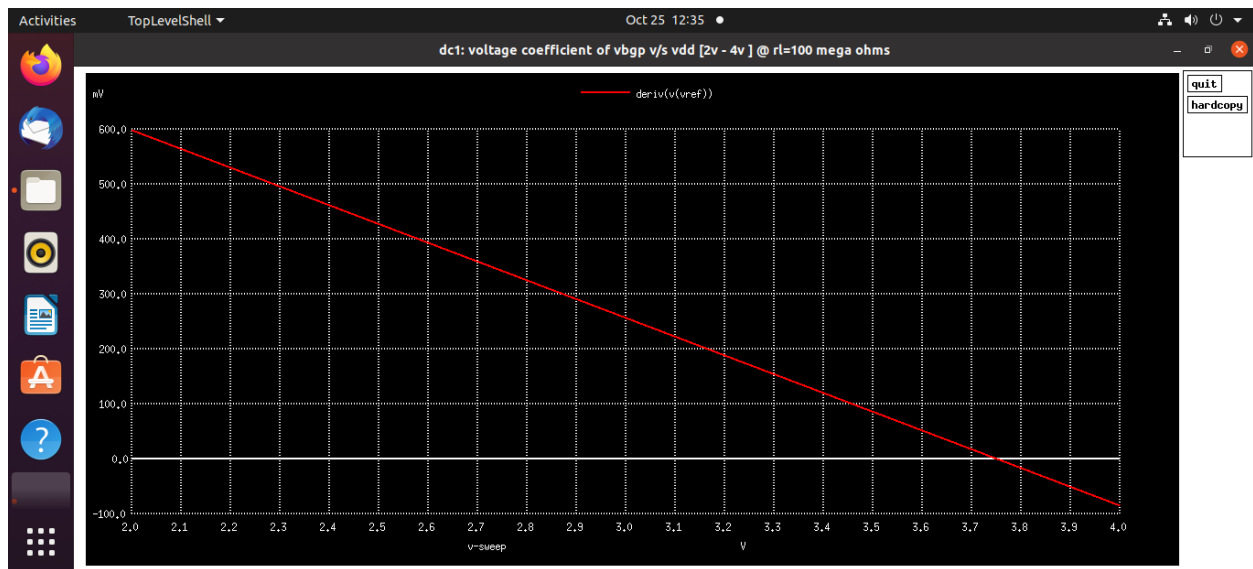
==================BGR PPM variation =====================

ppm variation: Temperature Coefficient of VBGP v/s Temperature [-40c - 140]

.dc temp -40 140 1
.control
run
plot deriv(v(vref))/1.2351
.endc
.end

waveform: