# CommonEmitterAmplifier_NPN_BJT

| | | | | | |
|---|---|---|---|---|---|
| 1 | Fourier analysis for V(vo) | | | | |
| 2 | DC component: | 1.01249 | | | |
| 3 | No. Harmonics: | 10 | | | |
| 4 | THD: | 104.977 % | | | |
| 5 | Grid size: | 256 | | | |
| 6 | Interpolation Degree: | 1 | | | |
| 7 | | | | | | |
| 8 | Harmonic | Frequency | Magnitude | Phase | Norm. Mag | Norm. Phase |
| 9 | 0 | 0 | 1.01249 | 0 | 0.41823 | 0 |
| 10 | 1 | 1000 | 2.4209 | -175.35 | 1 | 0 |
| 11 | 2 | 2000 | 1.97171 | 99.3461 | 0.814455 | 274.695 |
| 12 | 3 | 3000 | 1.35396 | 14.7291 | 0.559279 | 190.078 |
| 13 | 4 | 4000 | 0.718796 | -68.087 | 0.296913 | 107.262 |
| 14 | 5 | 5000 | 0.205831 | -139.99 | 0.0850225 | 35.3637 |
| 15 | 6 | 6000 | 0.145267 | -87.778 | 0.0600053 | 87.5707 |
| 16 | 7 | 7000 | 0.265498 | -158.11 | 0.109669 | 17.243 |
| 17 | 8 | 8000 | 0.244149 | 122.191 | 0.10085 | 297.54 |
| 18 | 9 | 9000 | 0.152508 | 45.9708 | 0.0629963 | 221.32 |
| 19 | 10 | 10000 | 0.0657429 | -10.106 | 0.0271564 | 165.243 |
| 20 | | | | | | |