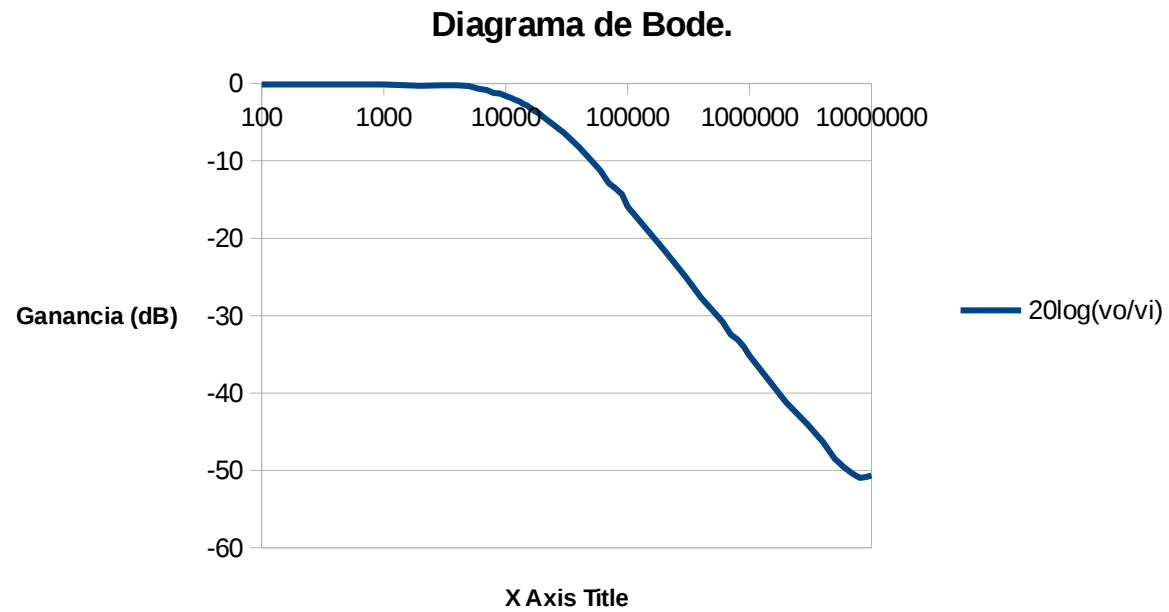


| Frec. (Hz) | 20log(vo/vi) | Vopp (V) | Vipp (V) | Vo/Vi funcion | de transferencia |
|------------|--------------|----------|----------|---------------|------------------|
| 100        | -0.14357169  | 18       | 18.3     | 0.98360656    |                  |
| 200        | -0.14357169  | 18       | 18.3     | 0.98360656    |                  |
| 300        | -0.14357169  | 18       | 18.3     | 0.98360656    |                  |
| 400        | -0.14357169  | 18       | 18.3     | 0.98360656    |                  |
| 500        | -0.14357169  | 18       | 18.3     | 0.98360656    |                  |
| 600        | -0.14357169  | 18       | 18.3     | 0.98360656    |                  |
| 700        | -0.14357169  | 18       | 18.3     | 0.98360656    |                  |
| 800        | -0.14357169  | 18       | 18.3     | 0.98360656    |                  |
| 900        | -0.14357169  | 18       | 18.3     | 0.98360656    |                  |
| 1000       | -0.14357169  | 18       | 18.3     | 0.98360656    |                  |
| 2000       | -0.28955647  | 17.7     | 18.3     | 0.96721311    |                  |
| 3000       | -0.24468913  | 17.5     | 18       | 0.97222222    |                  |
| 4000       | -0.24468913  | 17.5     | 18       | 0.97222222    |                  |
| 5000       | -0.34452804  | 17.3     | 18       | 0.96111111    |                  |
| 6000       | -0.70328834  | 16.6     | 18       | 0.92222222    |                  |
| 7000       | -0.86169801  | 16.3     | 18       | 0.90555556    |                  |
| 8000       | -1.24295813  | 15.6     | 18       | 0.86666667    |                  |
| 9000       | -1.31457143  | 15.3     | 17.8     | 0.85955056    |                  |
| 10000      | -1.60316574  | 14.8     | 17.8     | 0.83146067    |                  |
| 11000      | -1.8411502   | 14.4     | 17.8     | 0.80898876    |                  |
| 12000      | -2.14810404  | 13.9     | 17.8     | 0.78089888    |                  |
| 13000      | -2.33762188  | 13.6     | 17.8     | 0.76404494    |                  |
| 14000      | -2.66297413  | 13.1     | 17.8     | 0.73595506    |                  |
| 15000      | -2.86420065  | 12.8     | 17.8     | 0.71910112    |                  |
| 16000      | -3.21029782  | 12.3     | 17.8     | 0.69101124    |                  |
| 16100      | -3.21029782  | 12.3     | 17.8     | 0.69101124    |                  |
| 16200      | -3.21029782  | 12.3     | 17.8     | 0.69101124    |                  |
| 16300      | -3.28120343  | 12.2     | 17.8     | 0.68539326    |                  |
| 17000      | -3.49746082  | 11.9     | 17.8     | 0.66853933    |                  |
| 18000      | -3.71924026  | 11.6     | 17.8     | 0.65168539    |                  |
| 19000      | -3.89789646  | 11.3     | 17.7     | 0.63841808    |                  |

|          |             |       |      |            |
|----------|-------------|-------|------|------------|
| 20000    | -4.21093537 | 10.9  | 17.7 | 0.61581921 |
| 30000    | -6.37517525 | 8.4   | 17.5 | 0.48       |
| 40000    | -8.23942601 | 6.7   | 17.3 | 0.38728324 |
| 50000    | -9.90331515 | 5.5   | 17.2 | 0.31976744 |
| 60000    | -11.2686118 | 4.7   | 17.2 | 0.27325581 |
| 70000    | -12.8892768 | 3.9   | 17.2 | 0.22674419 |
| 80000    | -13.5845189 | 3.6   | 17.2 | 0.20930233 |
| 90000    | -14.3402901 | 3.3   | 17.2 | 0.19186047 |
| 100000   | -15.9239151 | 2.75  | 17.2 | 0.15988372 |
| 200000   | -21.5119672 | 1.42  | 16.9 | 0.08402367 |
| 300000   | -25.003262  | 0.95  | 16.9 | 0.05621302 |
| 400000   | -27.6557733 | 0.7   | 16.9 | 0.04142012 |
| 500000   | -29.3520841 | 0.569 | 16.7 | 0.03407186 |
| 600000   | -30.8114279 | 0.481 | 16.7 | 0.0288024  |
| 700000   | -32.4131296 | 0.4   | 16.7 | 0.0239521  |
| 800000   | -33.1138021 | 0.369 | 16.7 | 0.02209581 |
| 900000   | -34.0577695 | 0.331 | 16.7 | 0.01982036 |
| 1000000  | -35.1764696 | 0.291 | 16.7 | 0.01742515 |
| 2000000  | -41.2269694 | 0.145 | 16.7 | 0.00868263 |
| 3000000  | -44.0823997 | 0.095 | 15.2 | 0.00625    |
| 4000000  | -46.3253992 | 0.07  | 14.5 | 0.00482759 |
| 5000000  | -48.4976327 | 0.05  | 13.3 | 0.0037594  |
| 6000000  | -49.6825231 | 0.041 | 12.5 | 0.00328    |
| 7000000  | -50.4077989 | 0.035 | 11.6 | 0.00301724 |
| 8000000  | -50.9636922 | 0.03  | 10.6 | 0.00283019 |
| 9000000  | -50.8813609 | 0.028 | 9.8  | 0.00285714 |
| 10000000 | -50.6484813 | 0.027 | 9.2  | 0.00293478 |



|            |
|------------|
| 0.00424251 |
| 4          |
| 4.04139269 |
| 4.07918125 |
| 4.11394335 |
| 4.14612804 |
| 4.17609126 |
| 4.20411998 |
| 4.20682588 |
| 4.20951501 |
| 4.2121876  |
| 4.23044892 |
| 4.25527251 |
| 4.2787536  |

|            |
|------------|
| 4.30103    |
| 4.47712125 |
| 4.60205999 |
| 4.69897    |
| 4.77815125 |
| 4.84509804 |
| 4.90308999 |
| 4.95424251 |
| 5          |
| 5.30103    |
| 5.47712125 |
| 5.60205999 |
| 5.69897    |
| 5.77815125 |
| 5.84509804 |
| 5.90308999 |
| 5.95424251 |
| 6          |
| 6.30103    |
| 6.47712125 |
| 6.60205999 |
| 6.69897    |
| 6.77815125 |
| 6.84509804 |
| 6.90308999 |
| 6.95424251 |
| 7          |

## Sheet2

| Frec. (Hz) | 20log(vo/vi) | Vopp (V) | Vipp (V) | Vo/Vi funcion de transferencia |
|------------|--------------|----------|----------|--------------------------------|
| 100        | -0.143572    | 18       | 18.3     | 0.9836065574                   |
| 200        | -0.143572    | 18       | 18.3     | 0.9836065574                   |
| 300        | -0.143572    | 18       | 18.3     | 0.9836065574                   |
| 400        | -0.143572    | 18       | 18.3     | 0.9836065574                   |
| 500        | -0.143572    | 18       | 18.3     | 0.9836065574                   |
| 600        | -0.143572    | 18       | 18.3     | 0.9836065574                   |
| 700        | -0.143572    | 18       | 18.3     | 0.9836065574                   |
| 800        | -0.143572    | 18       | 18.3     | 0.9836065574                   |
| 900        | -0.143572    | 18       | 18.3     | 0.9836065574                   |
| 1000       | -0.143572    | 18       | 18.3     | 0.9836065574                   |
| 2000       | -0.289556    | 17.7     | 18.3     | 0.9672131148                   |
| 3000       | -0.244689    | 17.5     | 18       | 0.9722222222                   |
| 4000       | -0.244689    | 17.5     | 18       | 0.9722222222                   |
| 5000       | -0.344528    | 17.3     | 18       | 0.9611111111                   |
| 6000       | -0.703288    | 16.6     | 18       | 0.9222222222                   |
| 7000       | -0.861698    | 16.3     | 18       | 0.9055555556                   |
| 8000       | -1.242958    | 15.6     | 18       | 0.8666666667                   |
| 9000       | -1.314571    | 15.3     | 17.8     | 0.8595505618                   |
| 10000      | -1.603166    | 14.8     | 17.8     | 0.8314606742                   |
| 11000      | -1.84115     | 14.4     | 17.8     | 0.808988764                    |
| 12000      | -2.148104    | 13.9     | 17.8     | 0.7808988764                   |
| 13000      | -2.337622    | 13.6     | 17.8     | 0.7640449438                   |
| 14000      | -2.662974    | 13.1     | 17.8     | 0.7359550562                   |
| 15000      | -2.864201    | 12.8     | 17.8     | 0.7191011236                   |
| 16000      | -3.210298    | 12.3     | 17.8     | 0.691011236                    |
| 16100      | -3.210298    | 12.3     | 17.8     | 0.691011236                    |
| 16200      | -3.210298    | 12.3     | 17.8     | 0.691011236                    |
| 16300      | -3.281203    | 12.2     | 17.8     | 0.6853932584                   |
| 17000      | -3.497461    | 11.9     | 17.8     | 0.6685393258                   |
| 18000      | -3.71924     | 11.6     | 17.8     | 0.6516853933                   |
| 19000      | -3.897896    | 11.3     | 17.7     | 0.6384180791                   |
| 20000      | -4.210935    | 10.9     | 17.7     | 0.615819209                    |
| 30000      | -6.375175    | 8.4      | 17.5     | 0.48                           |
| 40000      | -8.239426    | 6.7      | 17.3     | 0.387283237                    |
| 50000      | -9.903315    | 5.5      | 17.2     | 0.3197674419                   |
| 60000      | -11.26861    | 4.7      | 17.2     | 0.273255814                    |
| 70000      | -12.88928    | 3.9      | 17.2     | 0.226744186                    |
| 80000      | -13.58452    | 3.6      | 17.2     | 0.2093023256                   |
| 90000      | -14.34029    | 3.3      | 17.2     | 0.1918604651                   |
| 100000     | -15.92392    | 2.75     | 17.2     | 0.1598837209                   |
| 200000     | -21.51197    | 1.42     | 16.9     | 0.0840236686                   |
| 300000     | -25.00326    | 0.95     | 16.9     | 0.0562130178                   |
| 400000     | -27.65577    | 0.7      | 16.9     | 0.0414201183                   |
| 500000     | -29.35208    | 0.569    | 16.7     | 0.0340718563                   |
| 600000     | -30.81143    | 0.481    | 16.7     | 0.0288023952                   |
| 700000     | -32.41313    | 0.4      | 16.7     | 0.0239520958                   |
| 800000     | -33.1138     | 0.369    | 16.7     | 0.0220958084                   |
| 900000     | -34.05777    | 0.331    | 16.7     | 0.0198203593                   |

Sheet2

|          |           |       |      |              |
|----------|-----------|-------|------|--------------|
| 1000000  | -35.17647 | 0.291 | 16.7 | 0.0174251497 |
| 2000000  | -41.22697 | 0.145 | 16.7 | 0.0086826347 |
| 3000000  | -44.0824  | 0.095 | 15.2 | 0.00625      |
| 4000000  | -46.3254  | 0.07  | 14.5 | 0.0048275862 |
| 5000000  | -48.49763 | 0.05  | 13.3 | 0.0037593985 |
| 6000000  | -49.68252 | 0.041 | 12.5 | 0.00328      |
| 7000000  | -50.4078  | 0.035 | 11.6 | 0.0030172414 |
| 8000000  | -50.96369 | 0.03  | 10.6 | 0.0028301887 |
| 9000000  | -50.88136 | 0.028 | 9.8  | 0.0028571429 |
| 10000000 | -50.64848 | 0.027 | 9.2  | 0.0029347826 |