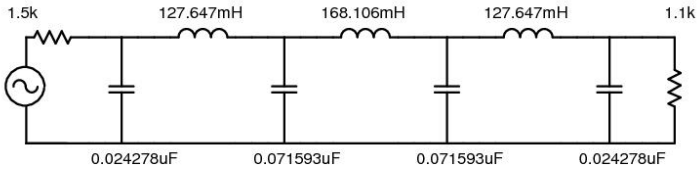
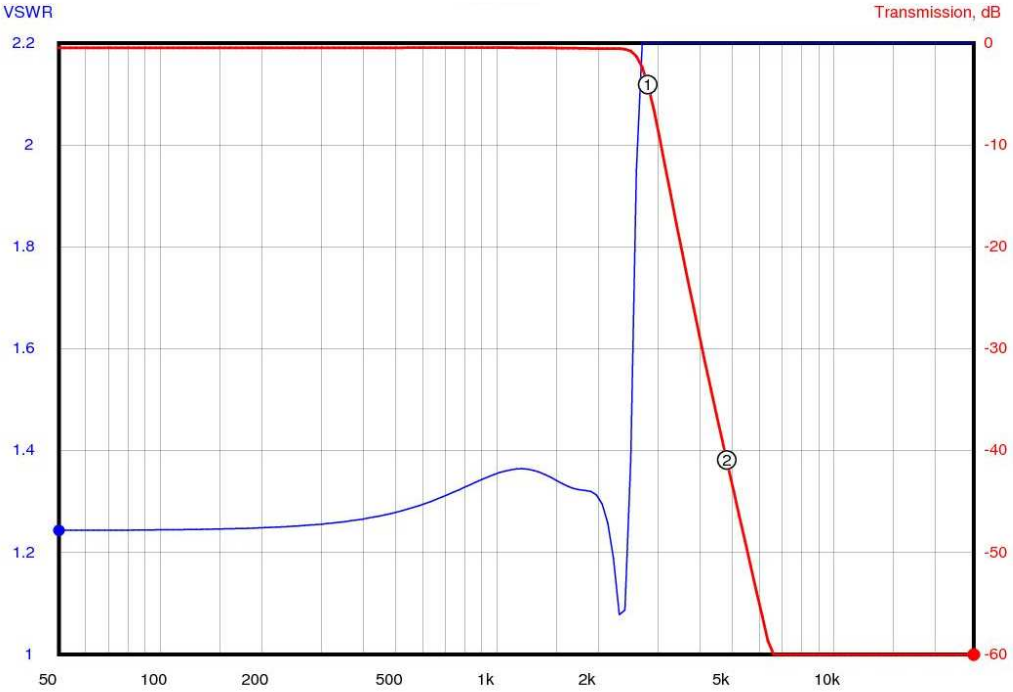
Schemat wygenerowany przez program Elsie LPF 2,7kHz Q - cewek 50

Czebyszew



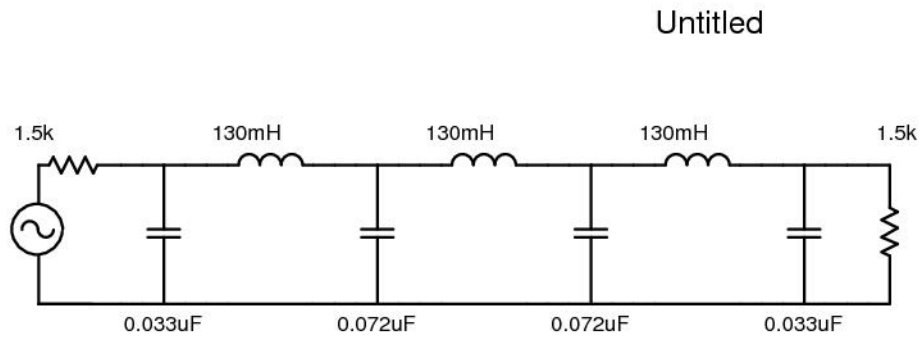




Details of markers:

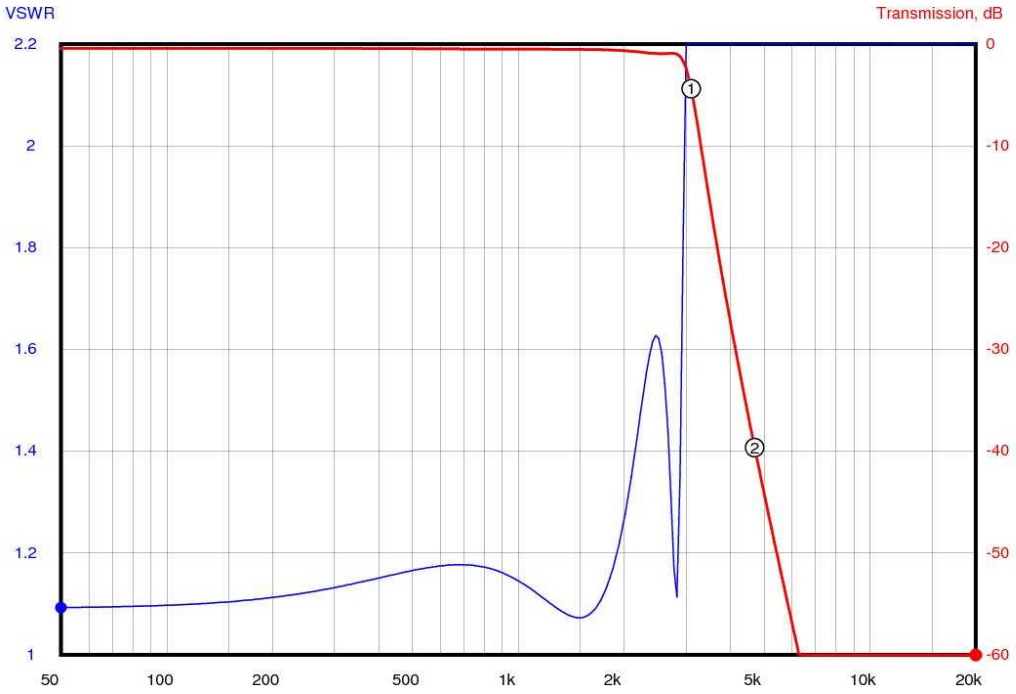
| Frequency: | Trans.: | Angle: | Return: | Delay: | VSWR: | Zin: | Zangle: | Real: | Imaginary: |
|---|---|---|---|---|---|---|---|---|---|
| 1 2.8k | -4.0664 | -6.7844 | -3.4449 | 587.4u | 5.1086 | 1.498k | -67.849 | 564.94 | 1.388k |
| 2 4.8k | -40.912 | -146.4 | -0.06141 | 78.98u | 282.88 | 2.313k | 89.556 | 17.913 | -2.313k |

Schemat LPF z głowicami magnetofonowymi L= 130mH, Q= 50

Czebyszew



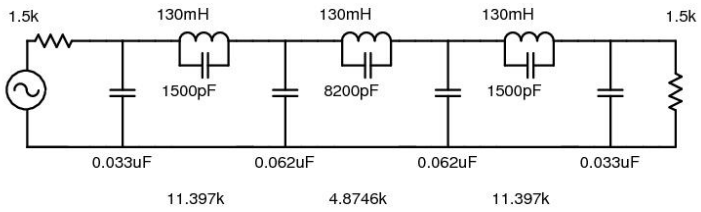

Bandwidth: 2.8k Family: Chebyshev Passband ripple: 0.2
C:\Program Files\Elsie\Lpf2khz1.ASC.LCT
2012-01-16 00:19:25 - Elsie 2.43 - www.tonnesoftware.com



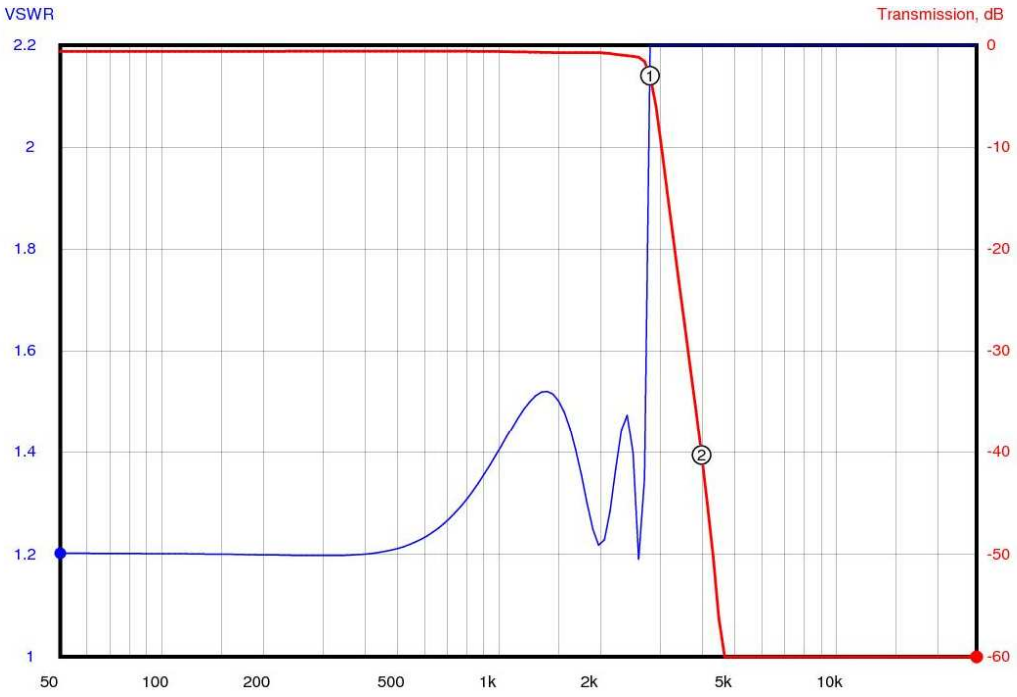

Details of markers:

| | Frequency: | Trans.: | Angle: | Return: | Delay: | VSWR: | Zin: | Zangle: | Real: | Imaginary: |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.1k | -4.3621 | -57.951 | -3.7216 | 676.1u | 4.739 | 5.18k | -40.873 | 3.917k | 3.39k |
| 2 | 4.7k | -39.633 | -177.43 | -0.05675 | 76.14u | 306.09 | 1.491k | 89.626 | 9.7425 | -1.491k |

Schemat filtru LPF Cauera. Cewki z głowic magnetofonowych - Q cewek 50



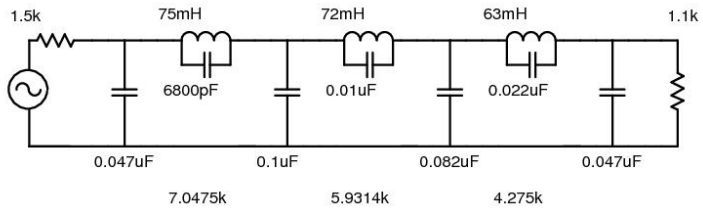

Bandwidth: 3k Family: Manual entry
C:\Program Files\Elsie\Car2,8k.LCT
2012-01-16 22:28:58 - Elsie 2.43 - www.tonnesoftware.com



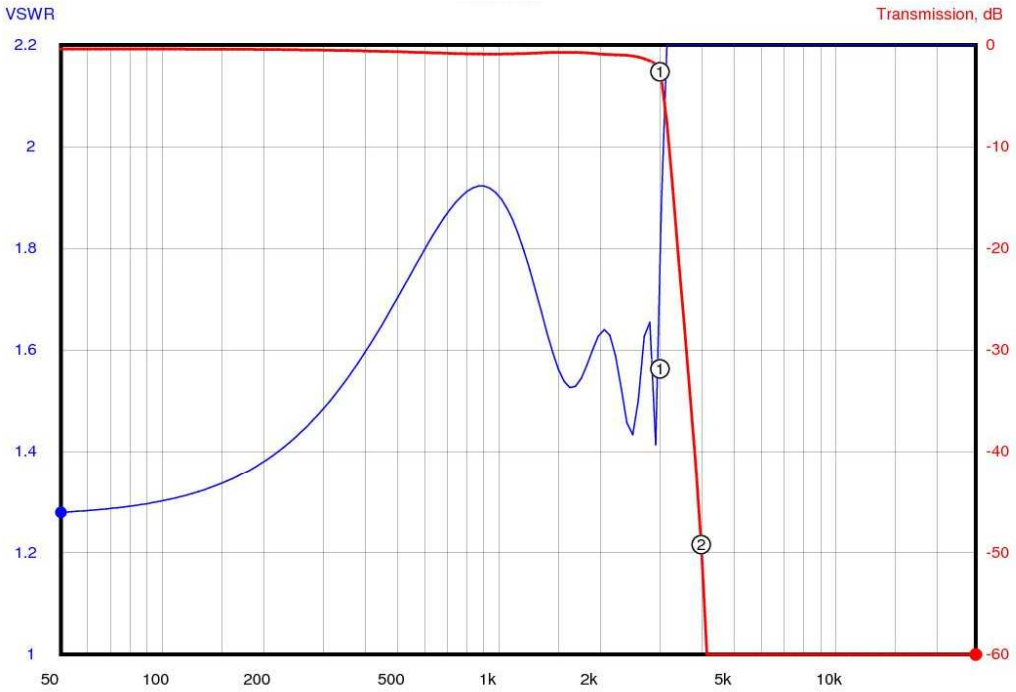

Details of markers:

| Frequency: | Trans.: | Angle: | Return: | Delay: | VSWR: | Zin: | Zangle: | Real: | Imaginary: |
|---|---|---|---|---|---|---|---|---|---|
| 1 2.8k | -2.9732 | -15.469 | -7.4534 | 816.9u | 2.472 | 1.809k | -44.964 | 1.28k | 1.279k |
| 2 3.98k | -40.24 | -148.76 | -0.13201 | 114.8u | 131.6 | 2.029k | 89.089 | 32.246 | -2.028k |

LPF- Caura z regulowaną indukcyjnością Q- cewek 50



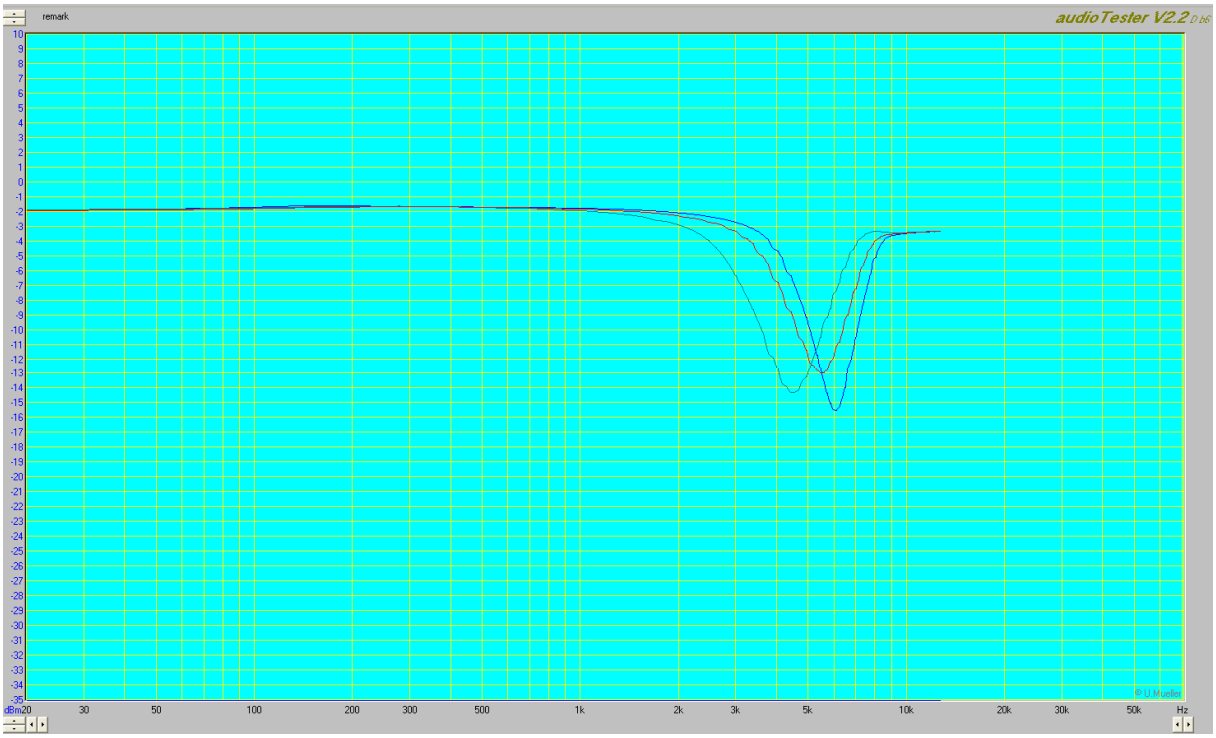

Bandwidth: 3k Family: Manual entry
C:\Program Files\Elsie\Lpf Cauer47.LCT
2012-01-16 23:44:51 - Elsie 2.43 - www.tonnesoftware.com



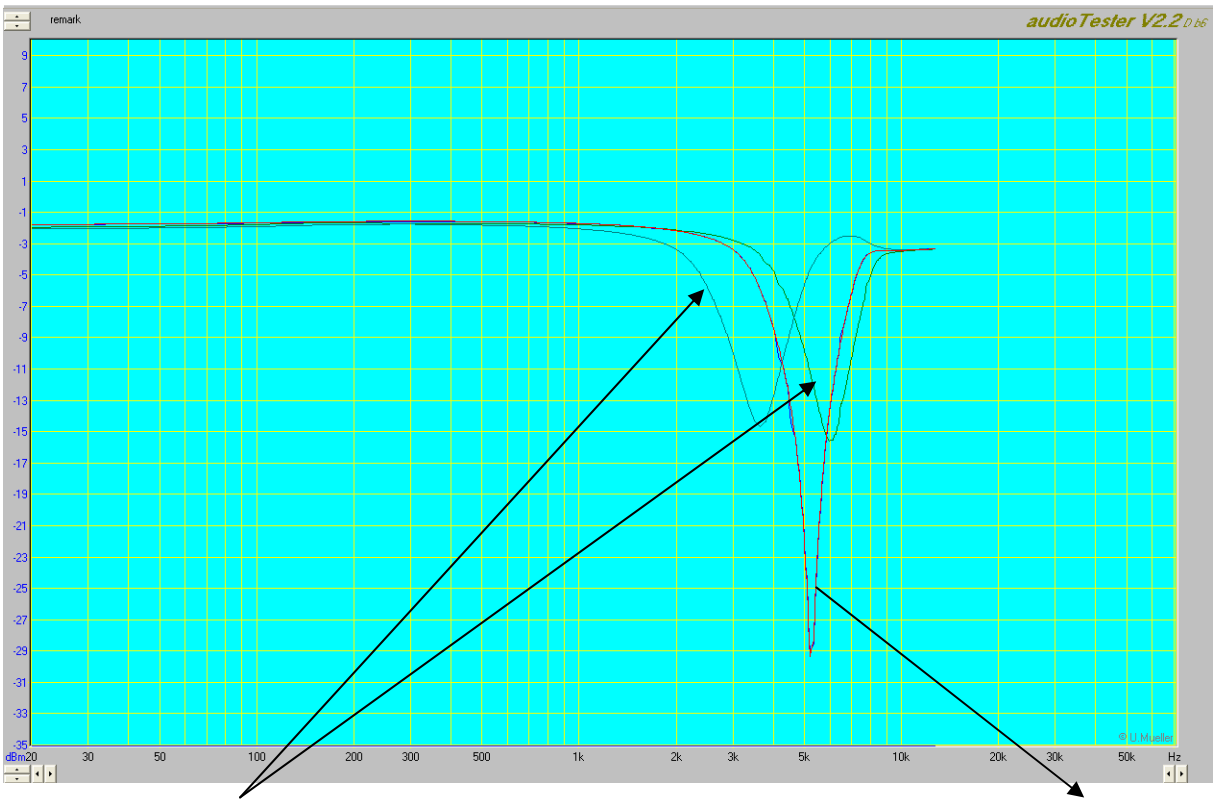

Details of markers:

| | Frequency: | Trans.: | Angle: | Return: | Delay: | VSWR: | Zin: | Zangle: | Real: | Imaginary: |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3k | -2.6232 | -31.564 | -13.152 | 937u | 1.564 | 1.295k | -23.439 | 1.188k | 515.2 |
| 2 | 3.98k | -49.169 | -176.2 | -0.15141 | 91.03u | 114.73 | 1.354k | 88.996 | 23.731 | -1.354k |

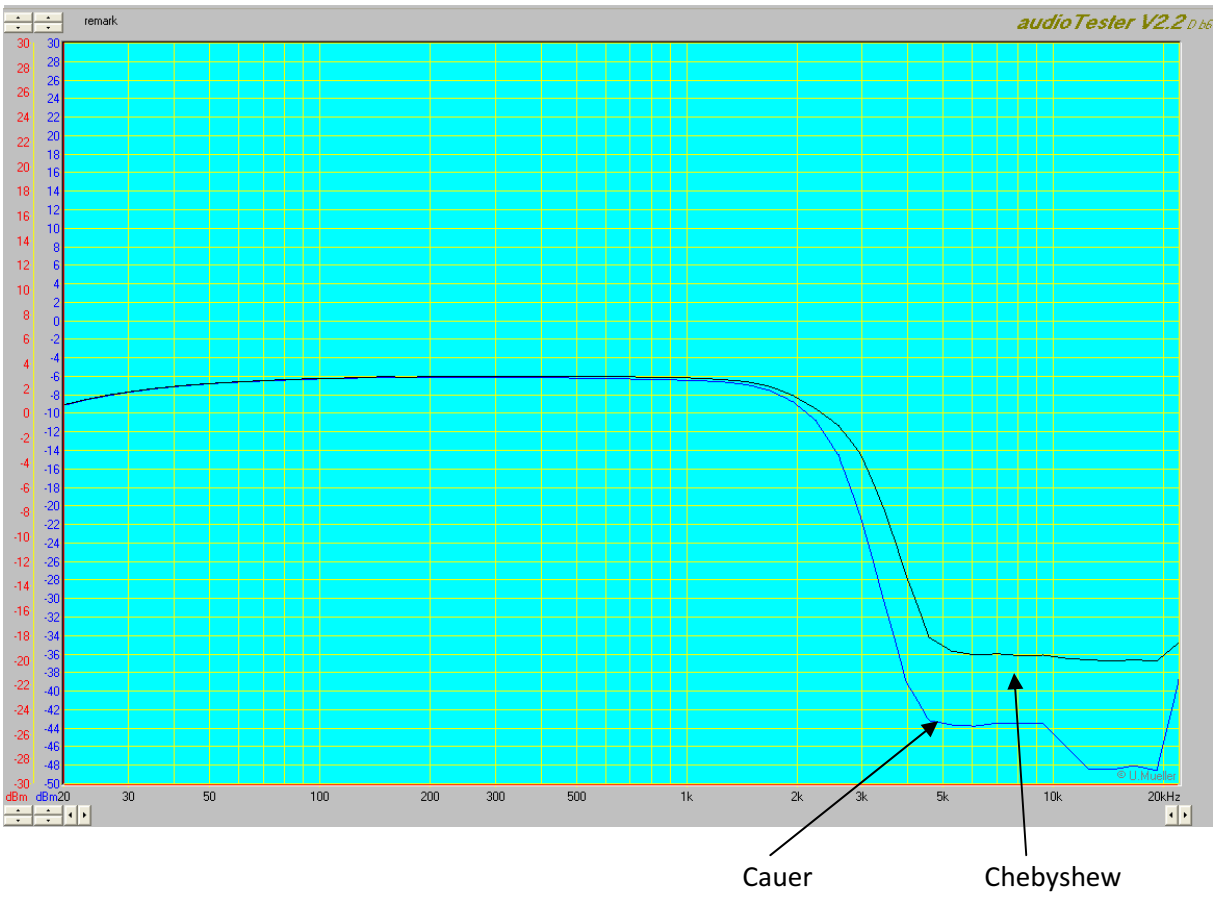
C:\Program Files\Elsie\Lpf Cauer47.LCT
2012-01-16 23:50:32 - Elsie 2.43 - www.tonnesoftware.com



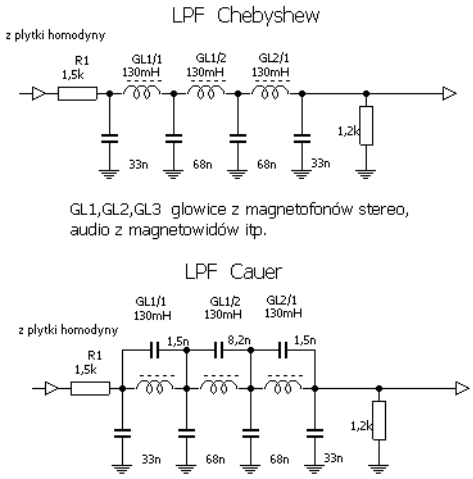

Wykresy rezonansu różnych typów głowić magnetofonowych




Głowice magnetofonowe 90 mH i 120mH Cewka firmy TOKO 100mH




Pomiar wykonany za pomocą programu Audio Tester




GL1,GL2,GL3 głowice z magnetofonów stereo, audio z magnetowidów itp.




Schematy LPF z wartościami z którymi zrobiono pomiar