Datum:
11 – 10 –2013

# RINGKERN/FERRIET INFOBLAD

Testinfo:
LOSSFACTORTEST

Fabrikant
PHILIPS

Type / kleur
GRIJS
ouder type
3H2???

Maten in mm
Buiten ⌀ 37
Binnen ⌀ 22
Hoogte 16

made with
FERRICALC
by PE1ABR

$R_1$

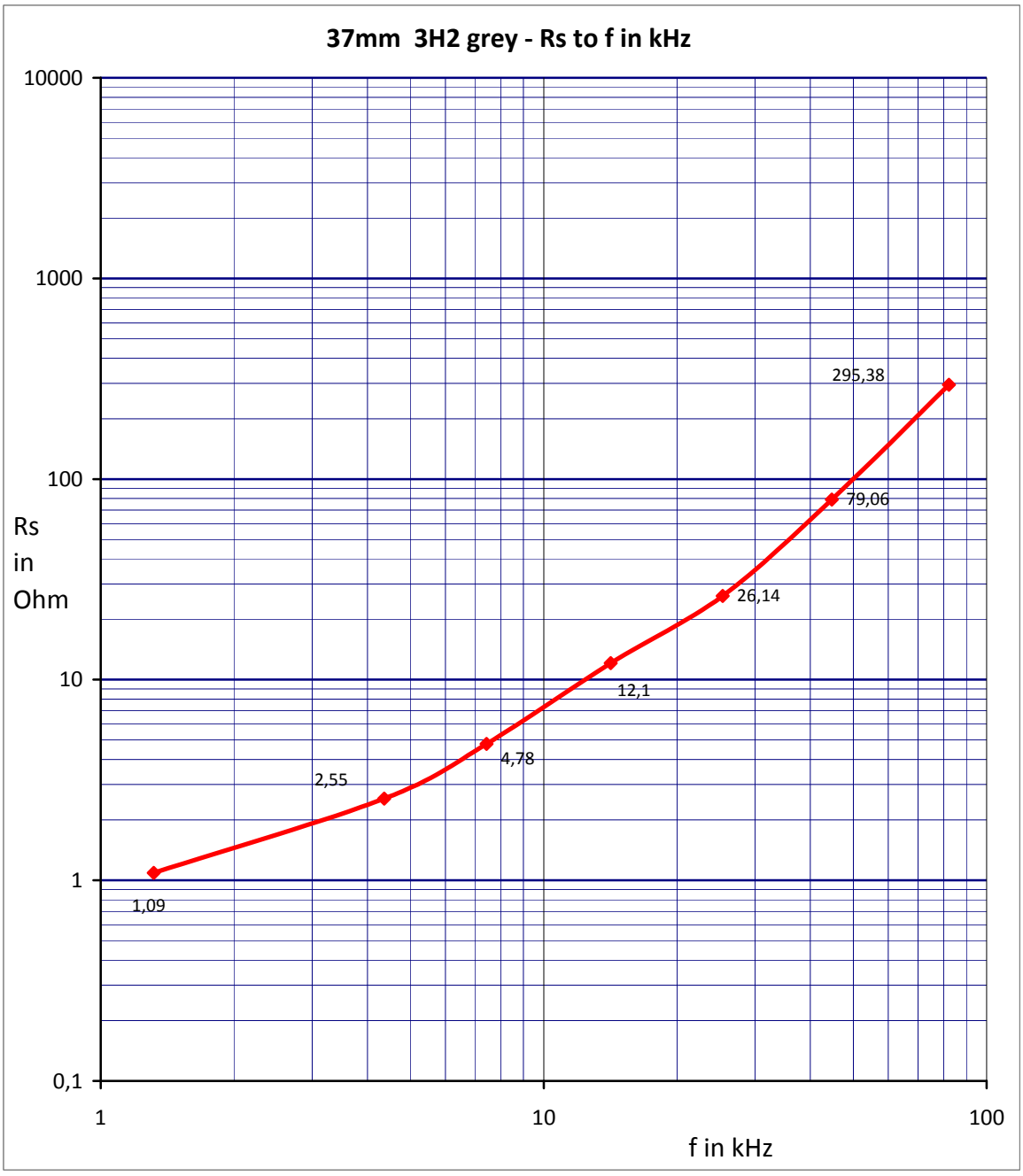
$\mu_{tor}$ / $\mu_1$

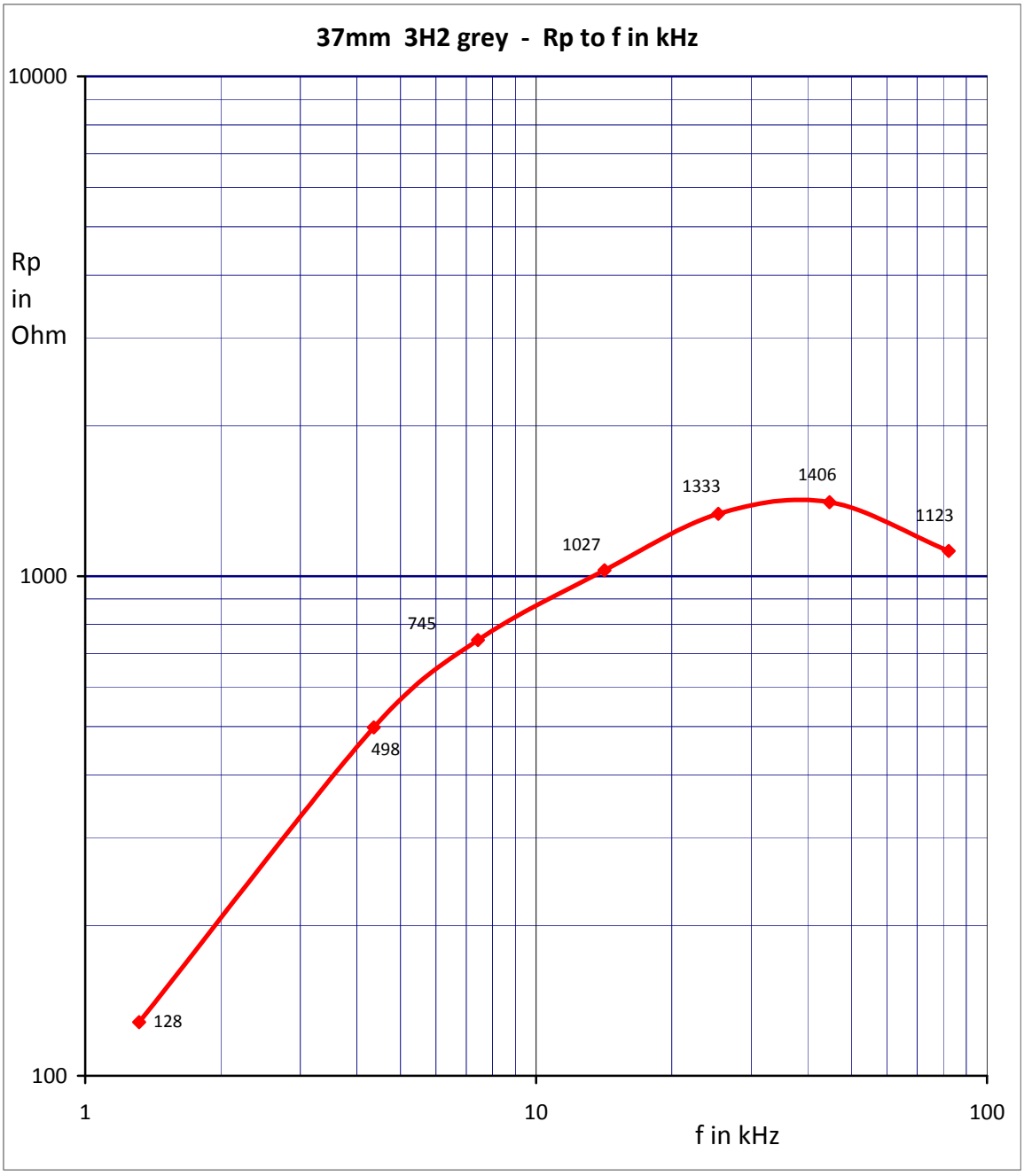
| Meetmethode | | | AL in | B√2 | | | TOP | Q ==> Rs/Rp | |
|---|---|---|---|---|---|---|---|---|---|
| N | C | $f_{res}$ | mH/1000 | $f_1$ | $f_2$ | $Q_{LC}$ | C / R | Rs | Rp |
| 10 | 3362 pF | 82,18 kHz | 11156 | 68,86 | 111 | 1,95 | 27 pF | 295,38 | 1123 |
| 10 | 10670 pF | 44,74 kHz | 11860 | 40,62 | 51,23 | 4,22 | 95 pF | 79,06 | 1406 |
| 10 | 33630 pF | 25,35 kHz | 11721 | 23,76 | 27,31 | 7,14 | 330 pF | 26,14 | 1333 |
| 10 | 100705 pF | 14,18 kHz | 12509 | 13,54 | 15,08 | 9,21 | 1045 pF | 12,1 | 1027 |
| 10 | 358,83 nF | 7,432 kHz | 12780 | 7,203 | 7,799 | 12,48 | 3330 pF | 4,78 | 745 |
| 10 | 1023 nF | 4,366 kHz | 12989 | 4,243 | 4,556 | 13,98 | 10000 pF | 2,55 | 498 |
| 10 | 10224 nF | 1,317 kHz | 14284 | 1,282 | 1,404 | 10,84 | 100000 pF | 1,09 | 128 |

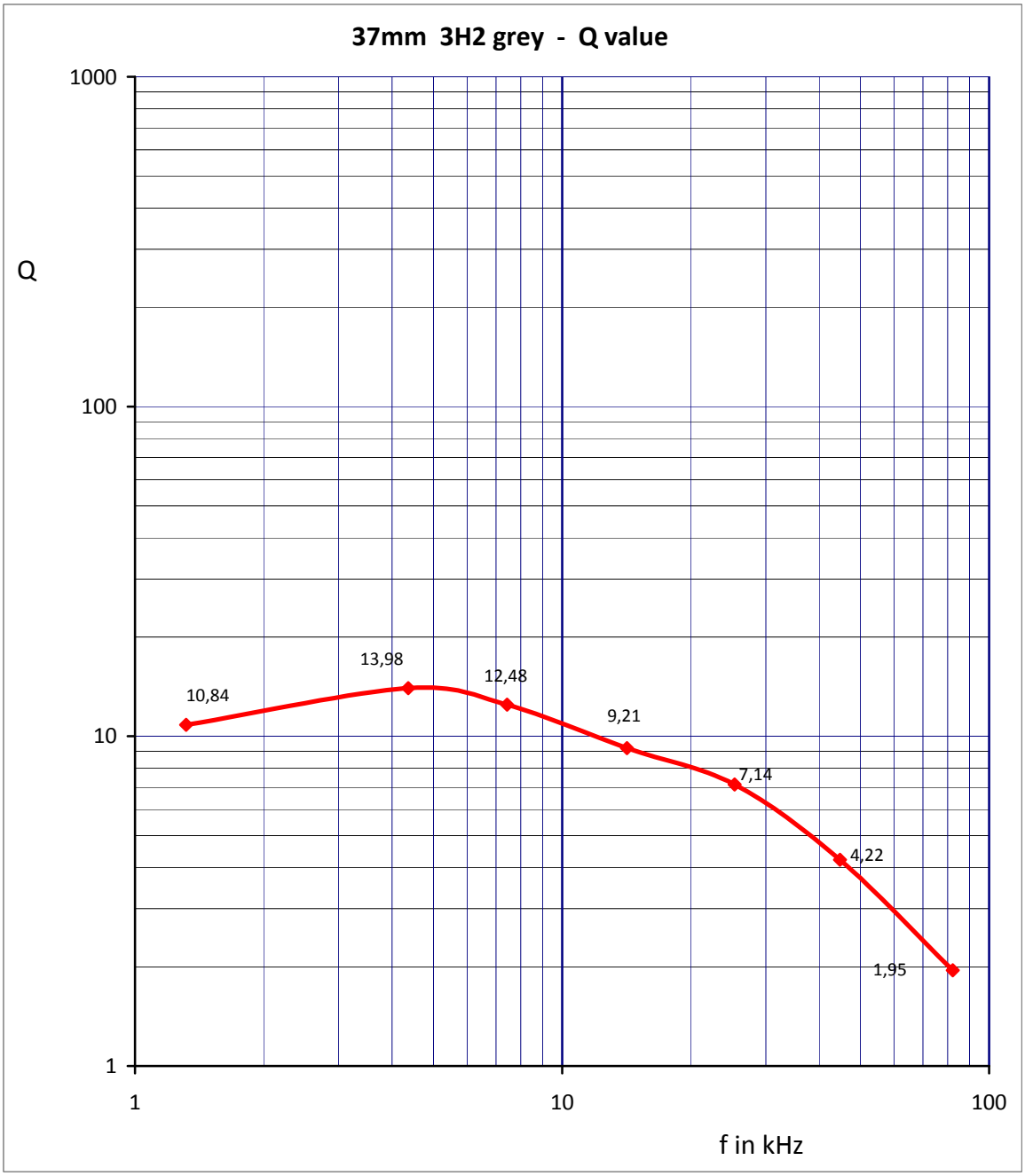
Bijzonderheden

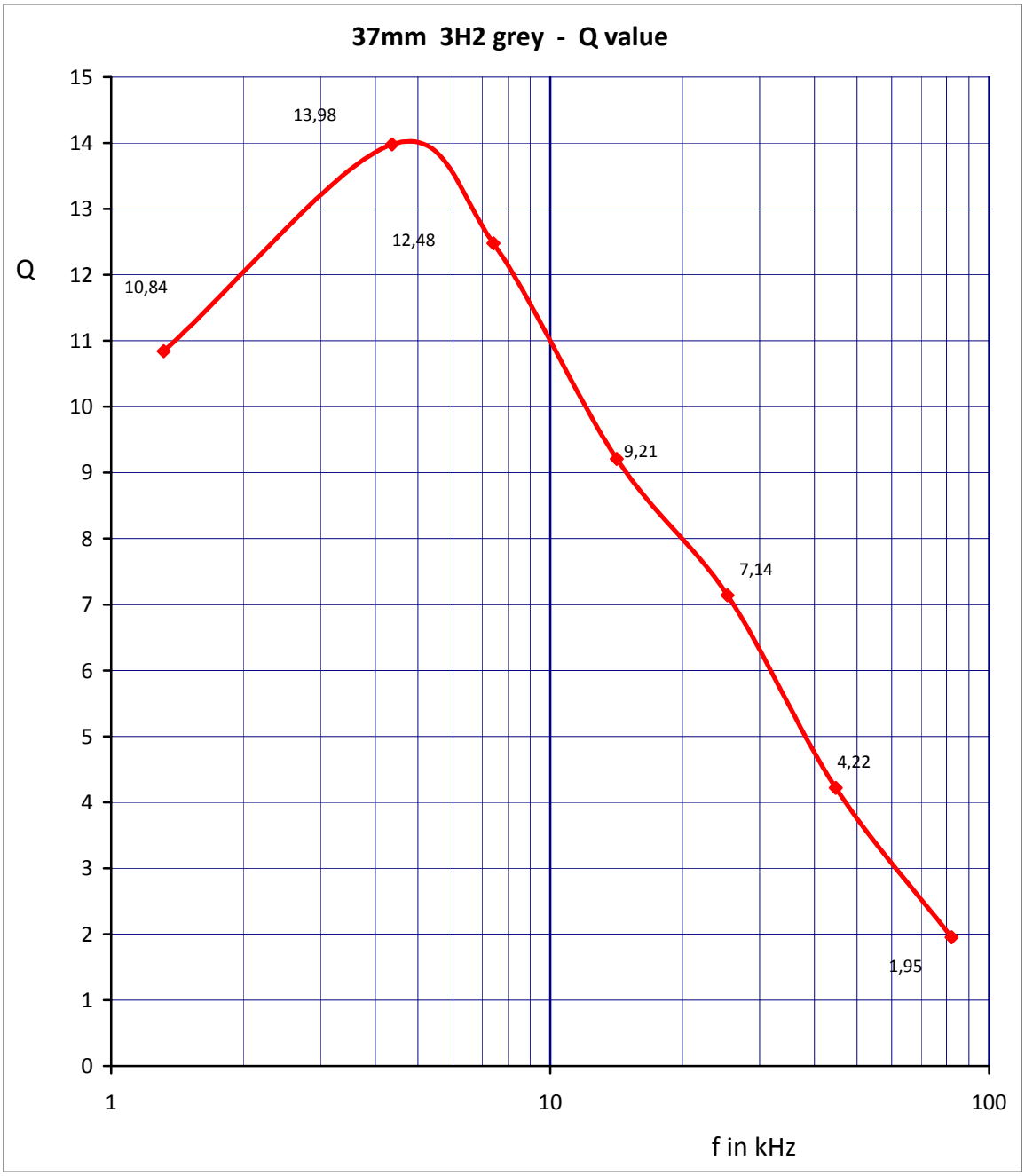
heel oud Philips [dump] type 3H2 voor EMC onderdrukking.

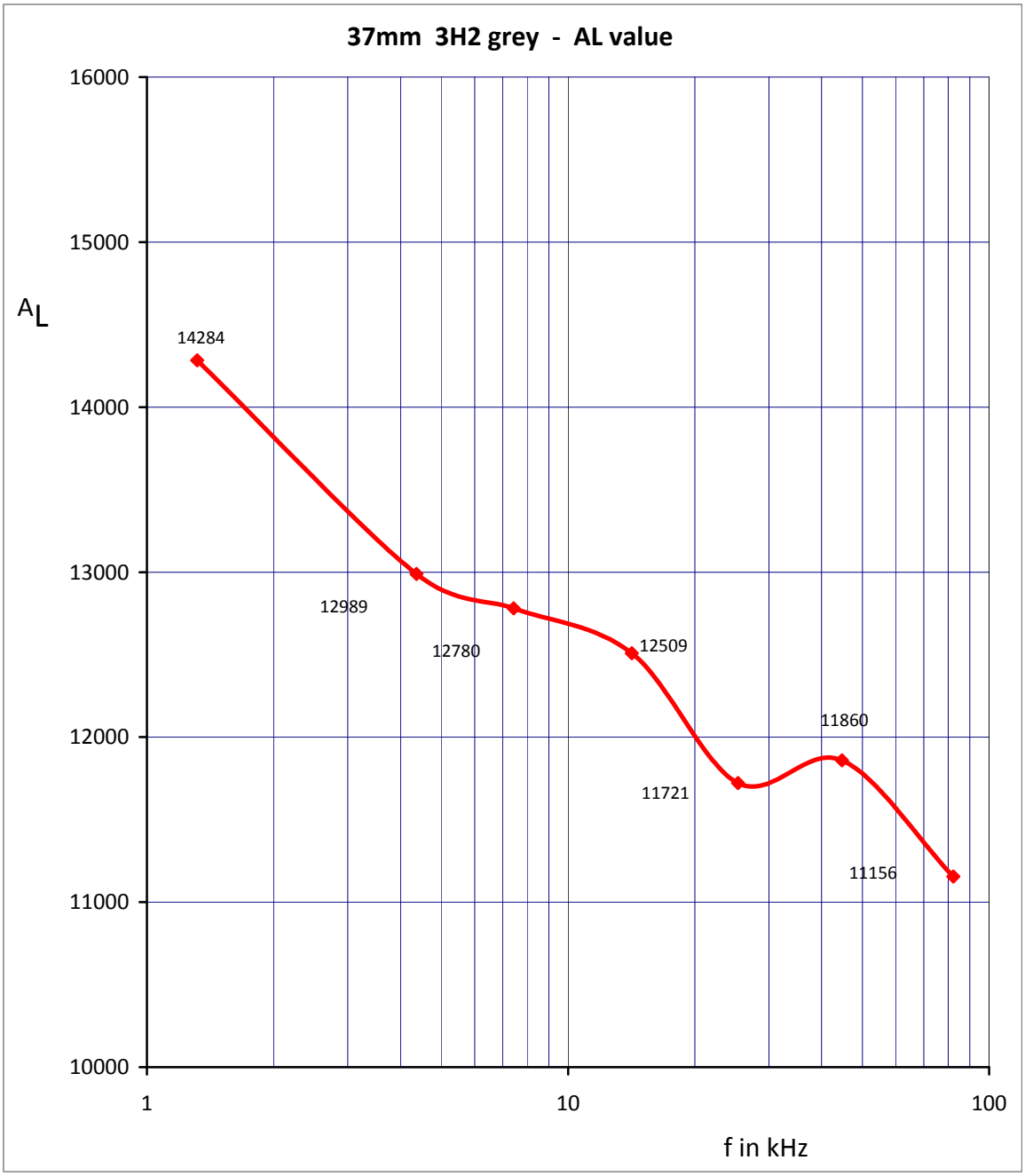
L7 = 1,428 mH, L6 = 1,299 mH, L5 = 1,278 mH, L4 = 1,251 mH,
L3 = 1,172 mH, L2 = 1,186 mH, L1 = 1,116 mH,


37mm 3H2 grey - Rs to f in kHz
10000
1000
100
10
1
0,1
Rs
in
Ohm
1
10
100
f in kHz
1,09
2,55
4,78
12,1
26,14
79,06
295,38


37mm 3H2 grey - Rp to f in kHz
10000
1000
100
Rp
in
Ohm
1
10
100
f in kHz
128
498
745
1027
1333
1406
1123


37mm 3H2 grey - Q value
Q
1000
100
10
1
1
10
100
f in kHz
10,84
13,98
12,48
9,21
7,14
4,22
1,95


37mm 3H2 grey - Q value
Q
f in kHz
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
1
10
100
13,98
12,48
10,84
9,21
7,14
4,22
1,95


37mm 3H2 grey - AL value
16000
15000
14000
13000
12000
11000
10000
AL
14284
12989
12780
12509
11860
11721
11156
1
10
100
f in kHz