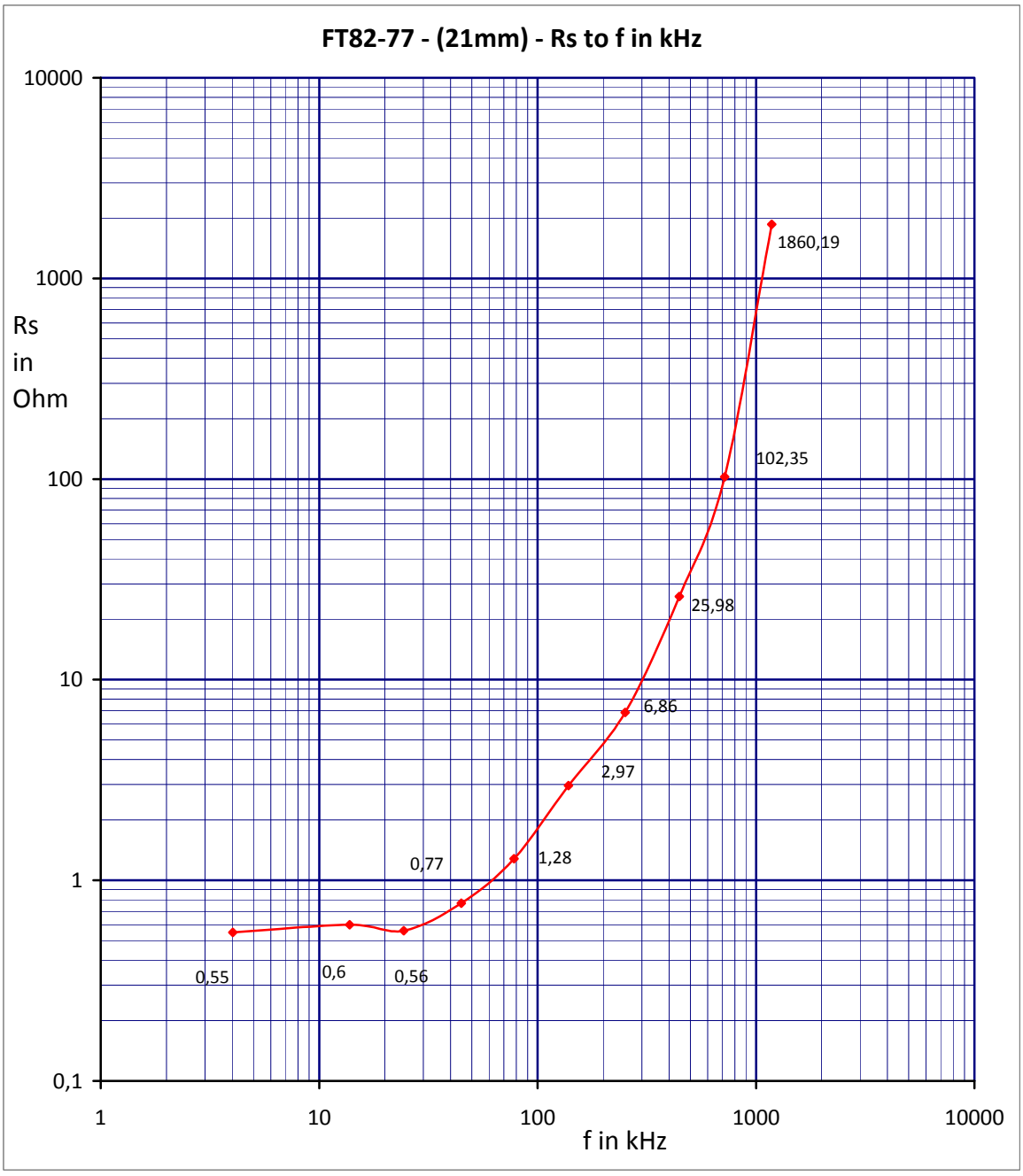
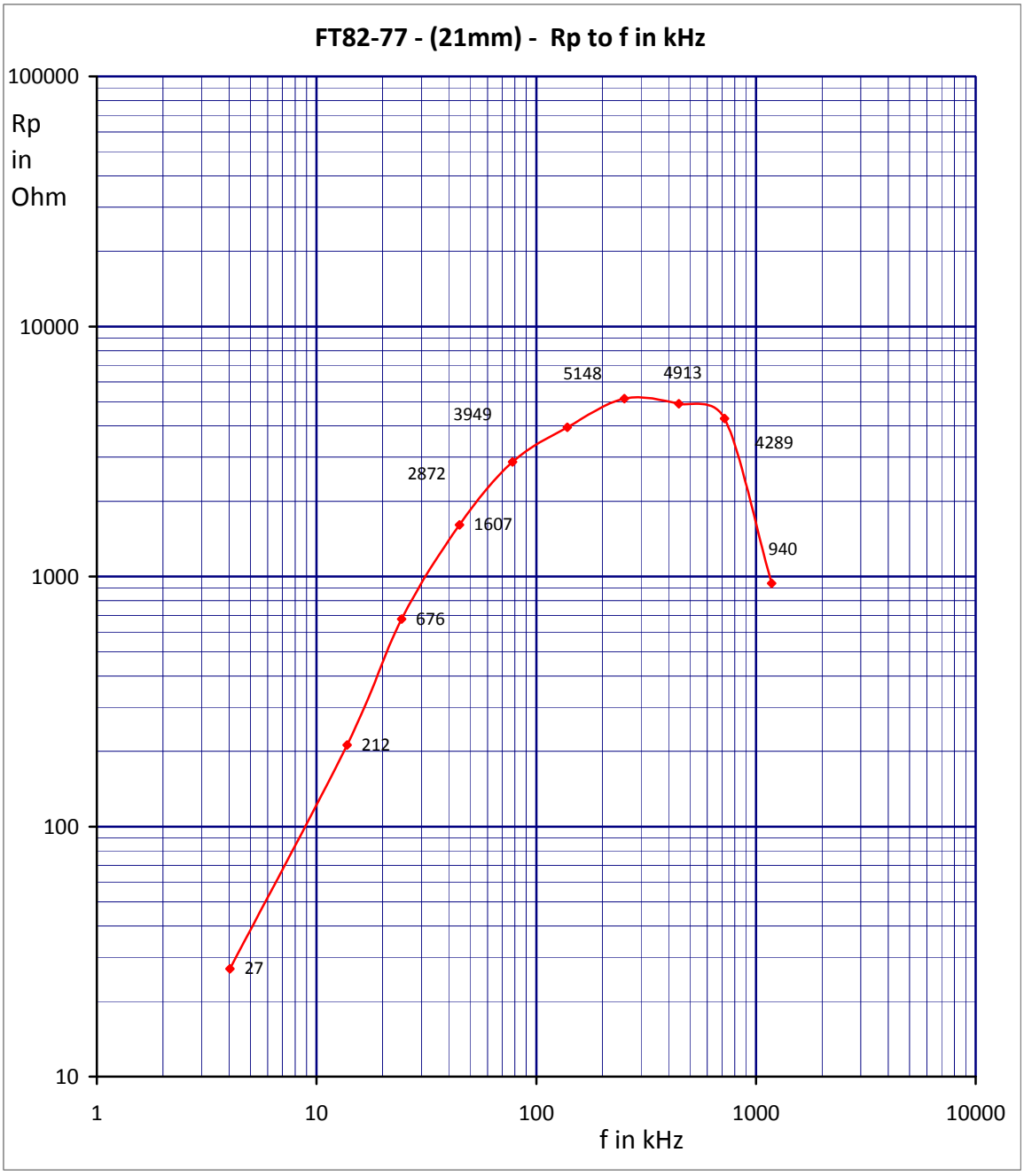
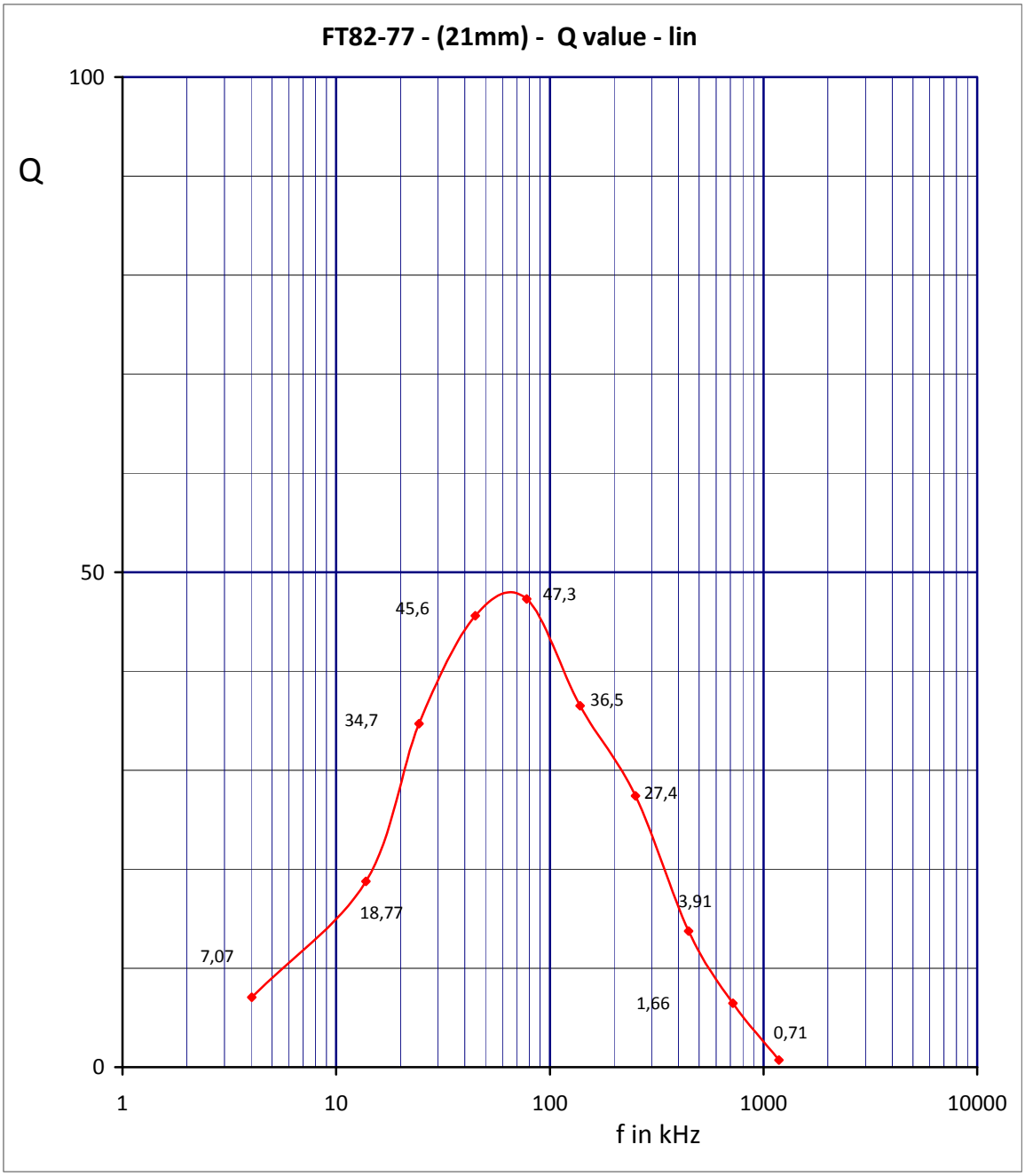
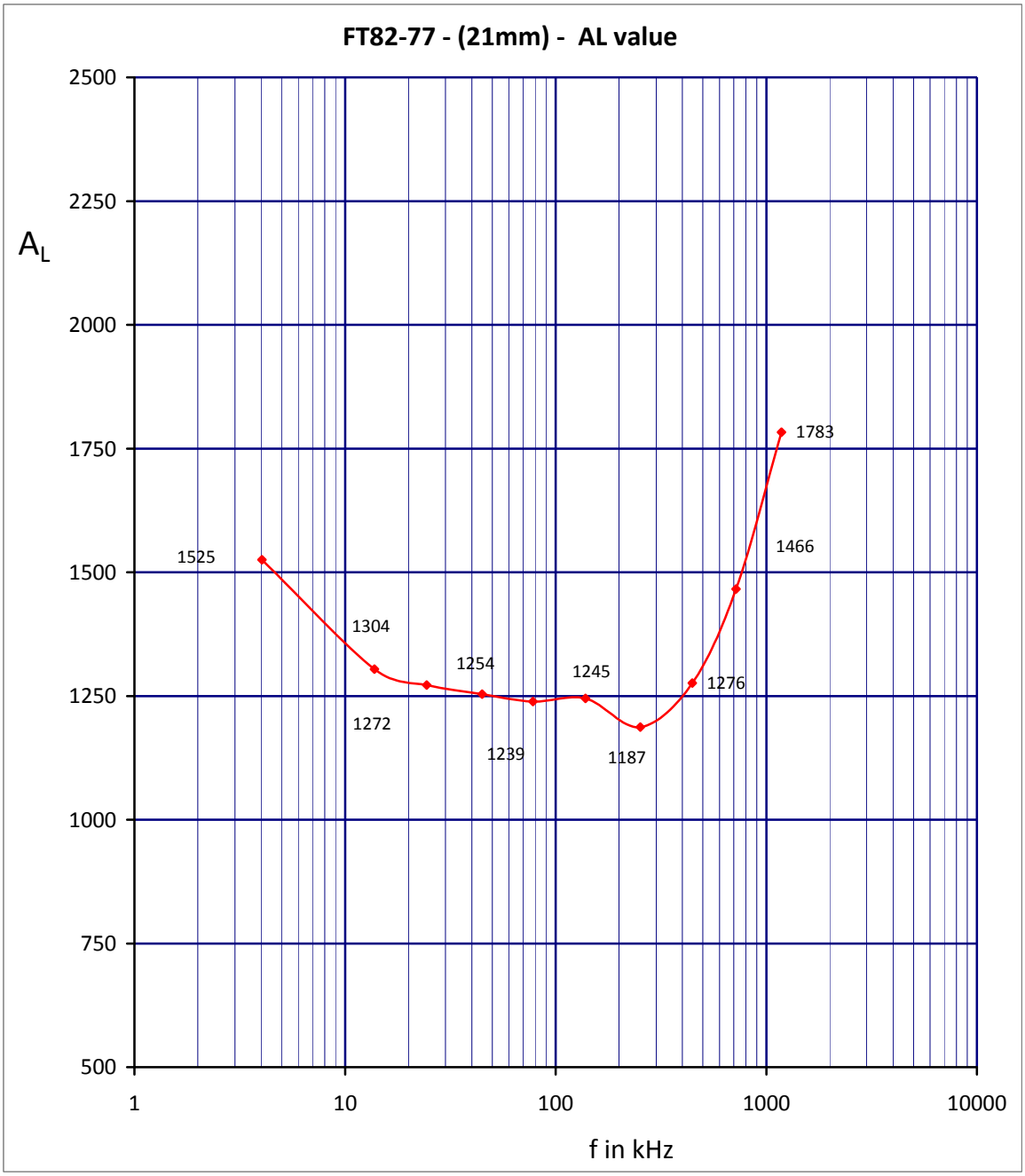
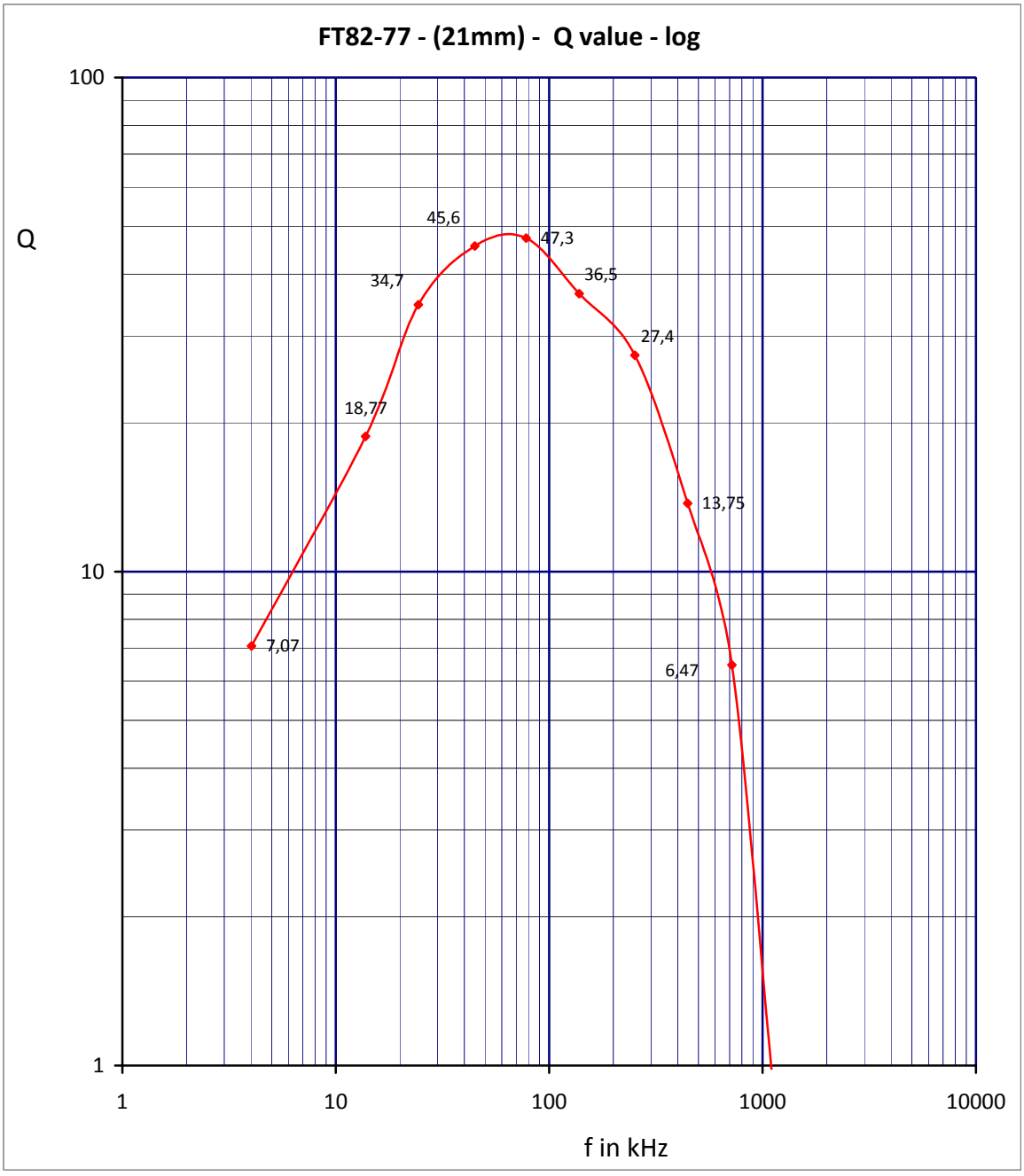

FT82-77 - (21mm) - Rs to f in kHz
10000
1000
100
10
1
0,1
Rs
in
Ohm
1
10
100
1000
10000
f in kHz
0,55
0,6
0,56
0,77
1,28
2,97
6,86
25,98
102,35
1860,19


FT82-77 - (21mm) - Rp to f in kHz
100000
Rp
in
Ohm
10000
1000
100
10
1
10
100
1000
10000
f in kHz
27
212
676
1607
2872
3949
5148
4913
4289
940


FT82-77 - (21mm) - Q value - lin
Q
100
50
0
1
10
100
1000
10000
f in kHz
7,07
18,77
34,7
45,6
47,3
36,5
27,4
3,91
1,66
0,71


FT82-77 - (21mm) - AL value
2500
2250
2000
1750
1500
1250
1000
750
500
A_L
1
10
100
1000
10000
f in kHz
1525
1304
1272
1254
1239
1245
1187
1276
1466
1783


FT82-77 - (21mm) - Q value - log
Q
100
10
1
1
10
100
1000
10000
f in kHz
7,07
18,77
34,7
45,6
47,3
36,5
27,4
13,75
6,47

Datum:

28 – 12 –2013

RINGKERN/FERRIET INFOBLAD

Testinfo:

Fabrikant
FAIR-RITE
[via Amidon]

Type / kleur
FT82-77

ongecoat

Maten in mm
Buiten ⌀ 21

Binnen ⌀ 13

Hoogte 6,5

made with
FERRICALC
by PE1ABR

R_1

μ_{tor} / μ_1

Meetmethode			AL in mH/1000	B√2			TOP	Q ==> Rs/Rp	
N	C	f_{res}		f_1	f_2	Q_{LC}	C / R	Rs	Rp
10	102 pF	1180 kHz	1783	930	2590	0,71	2,4 pF	1860,19	940
10	334 pF	719,2 kHz	1466	671,9	783,0	6,47	3,3 pF	102,35	4289
10	1000 pF	445,5 kHz	1276	430,0	462,4	13,75	10 pF	25,98	4913
10	3362 pF	251,9 kHz	1187	247,6	256,8	27,4	27 pF	6,86	5148
10	10620 pF	138,4 kHz	1245	136,8	140,6	36,5	95 pF	2,97	3949
10	33630 pF	77,98 kHz	1239	77,35	79,06	47,3	1045 pF	1,28	2872
10	100705 pF	44,79 kHz	1254	44,46	45,45	45,6	1045 pF	0,77	1607

Bijzonderheden

N = 10 is met 2x //

L1 = 0,1784 mH, L2 = 0,1466 mH, L3 = 0,1276 mH, L4 = 0,1195 mH,
L5 = 0,1245 mH, L6 = 0,1239 mH, L7 = 0,1254 mH,L4 = 0,1187 mH,

Datum:

28 – 12 –2013

RINGKERN/FERRIET INFOBLAD

Testinfo:

Fabrikant
FAIR-RITE
[via Amidon]

Type / kleur
FT82-77

ongecoat

Maten in mm
Buiten ⌀ 21

Binnen ⌀ 13

Hoogte 6,5

Meetmethode			AL in mH/1000	B√2			TOP	Q ==> Rs/Rp	
N	C	f_{res}		f_1	f_2	Q_{LC}	C / R	Rs	Rp
10	334,3 nF	24,41 kHz	1272	24,21	24,92	34,7	3330 pF	0,56	676
10	1023 nF	13,78 kHz	1304	13,58	14,32	18,77	10000 pF	0,6	212
10	10224 nF	4,030 kHz	1525	3,883	4,458	7,07	100000 pF	0,55	27

made with
FERRICALC
by PE1ABR

R_1

μ_{tor} / μ_1

Bijzonderheden

N = 10 is met 2x //

L3 = 0,1272 mH, L4 = 0,1304 mH, L5 = 0,1525 mH,