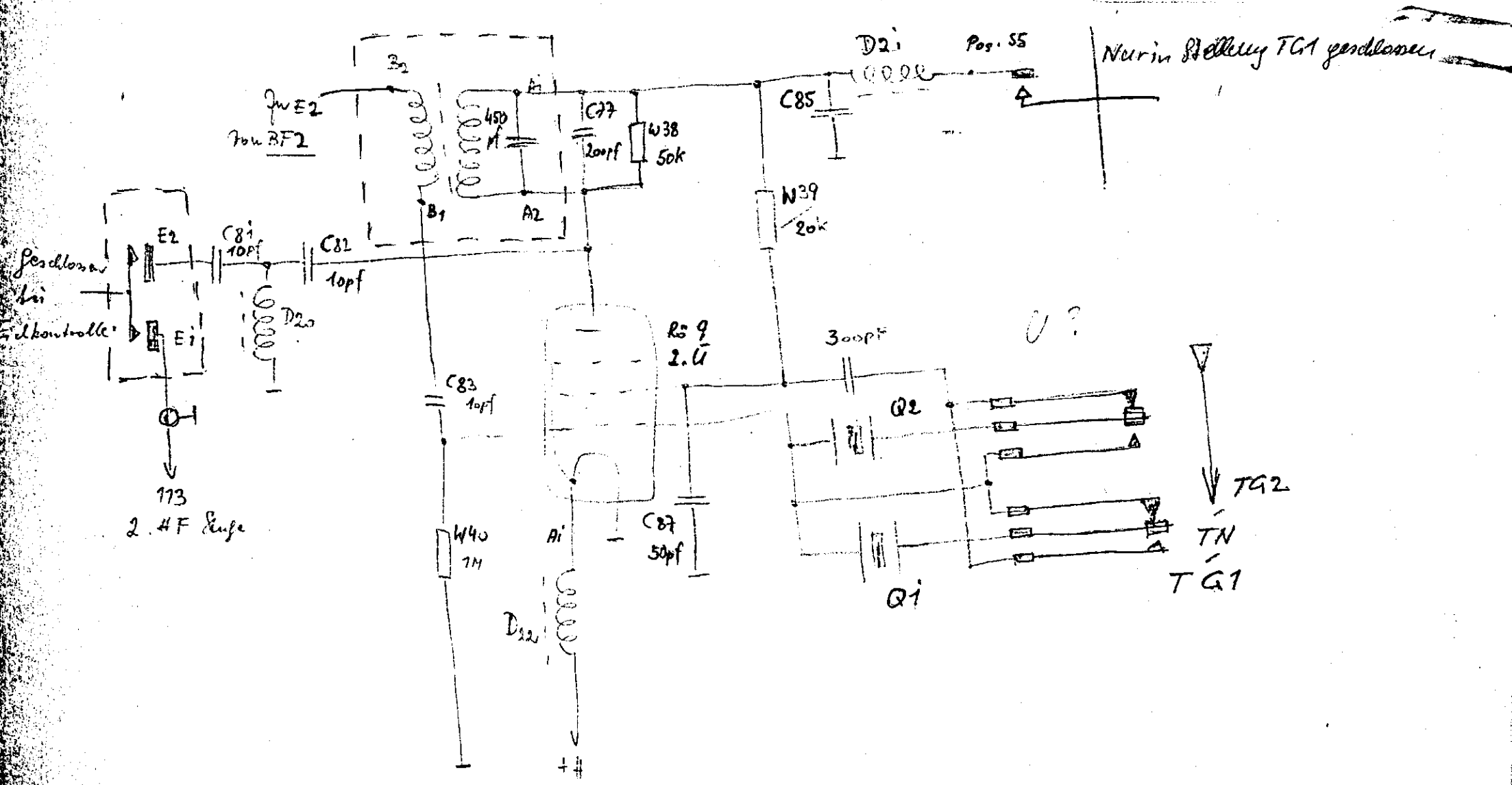
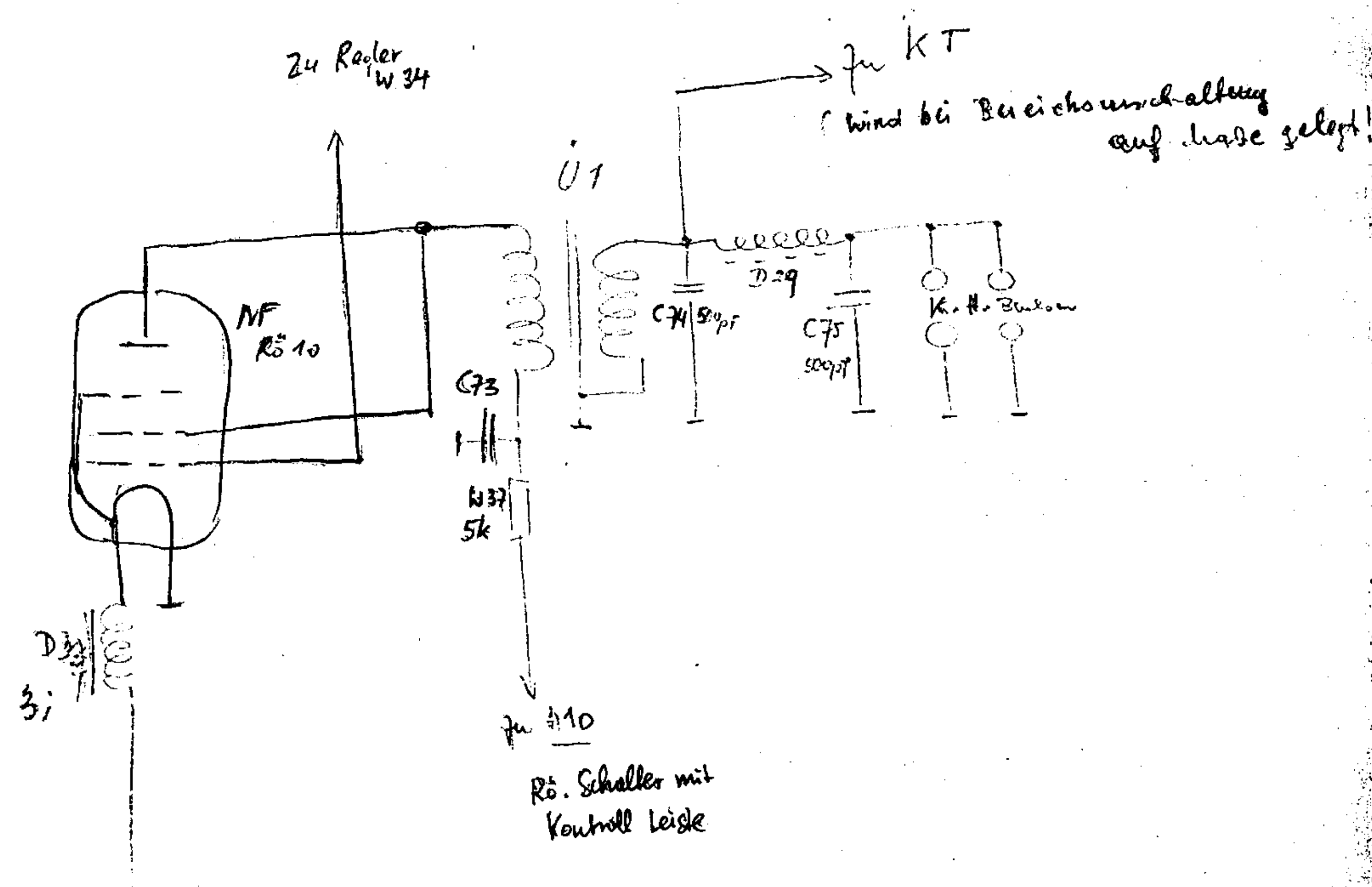
2. Überlagerer und Eichung:



alles Fa. H. E. 6

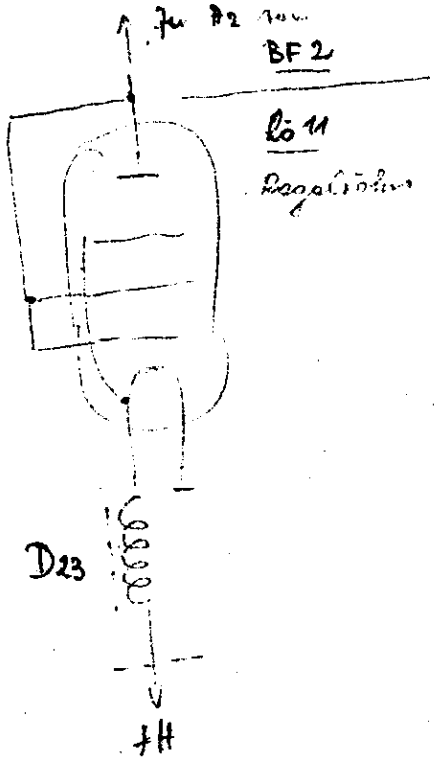
Q1 = 604,6 kcls
Q2 = 606.4 kcls

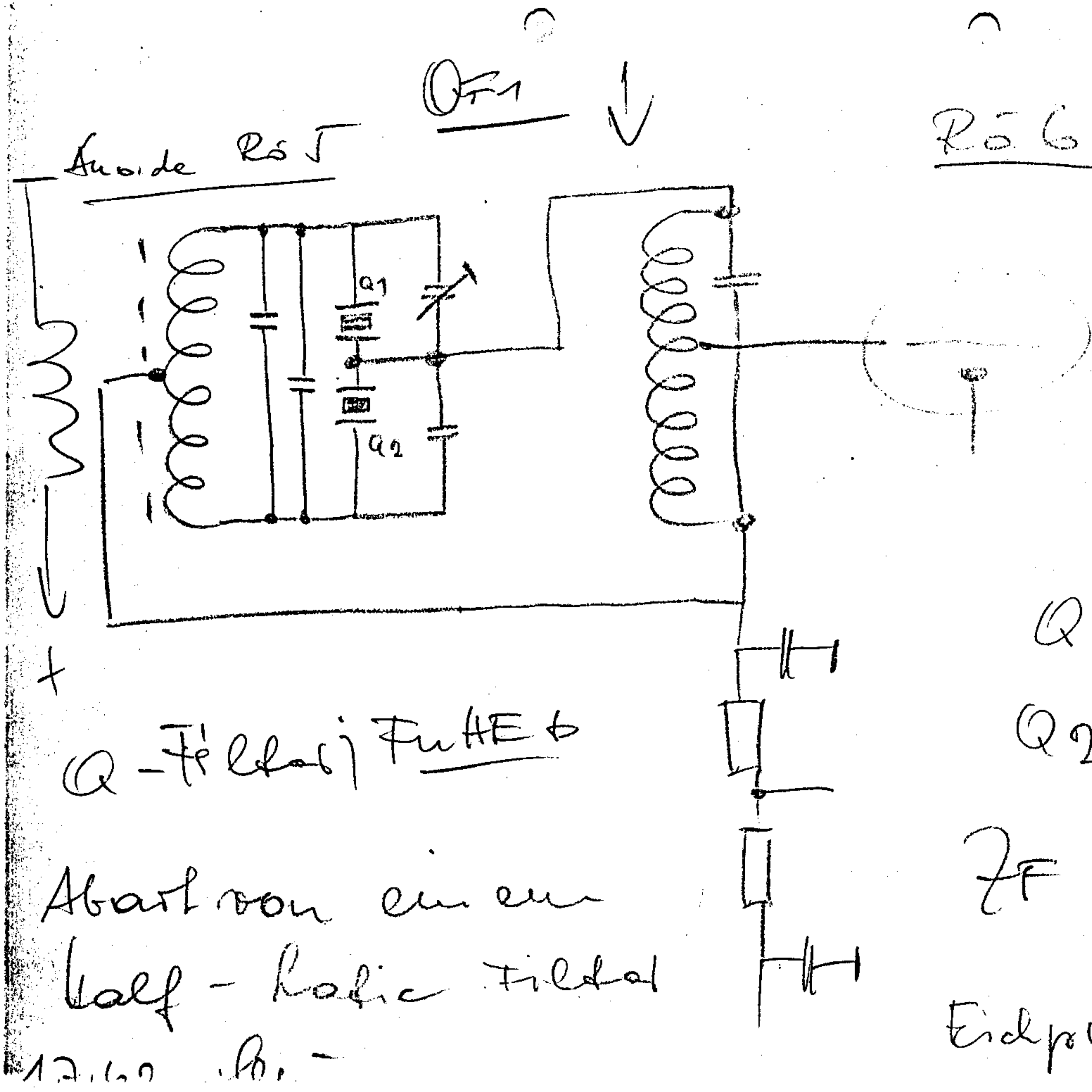
NF- Stufe



zu Regler W 34
zu KT
(wird bei Bereichsumschaltung auf Masse gelegt!)
Ü 1
NF Rö 10
C73
W37 5k
C74 500pF
D 29
C75 500pF
K. H. Buchsen
D
zu Ü10
Rö. Schalter mit Kontroll Leiste

Regelröhre Rö 11





QF2

$T_{f1} = -900$ c/s

$T_{f2} = +900$ c/s

auf die ZF

$Q1 = 602$ kc/s

$Q2 = 608$ kc/s

$ZF = 605,5$ kc/s

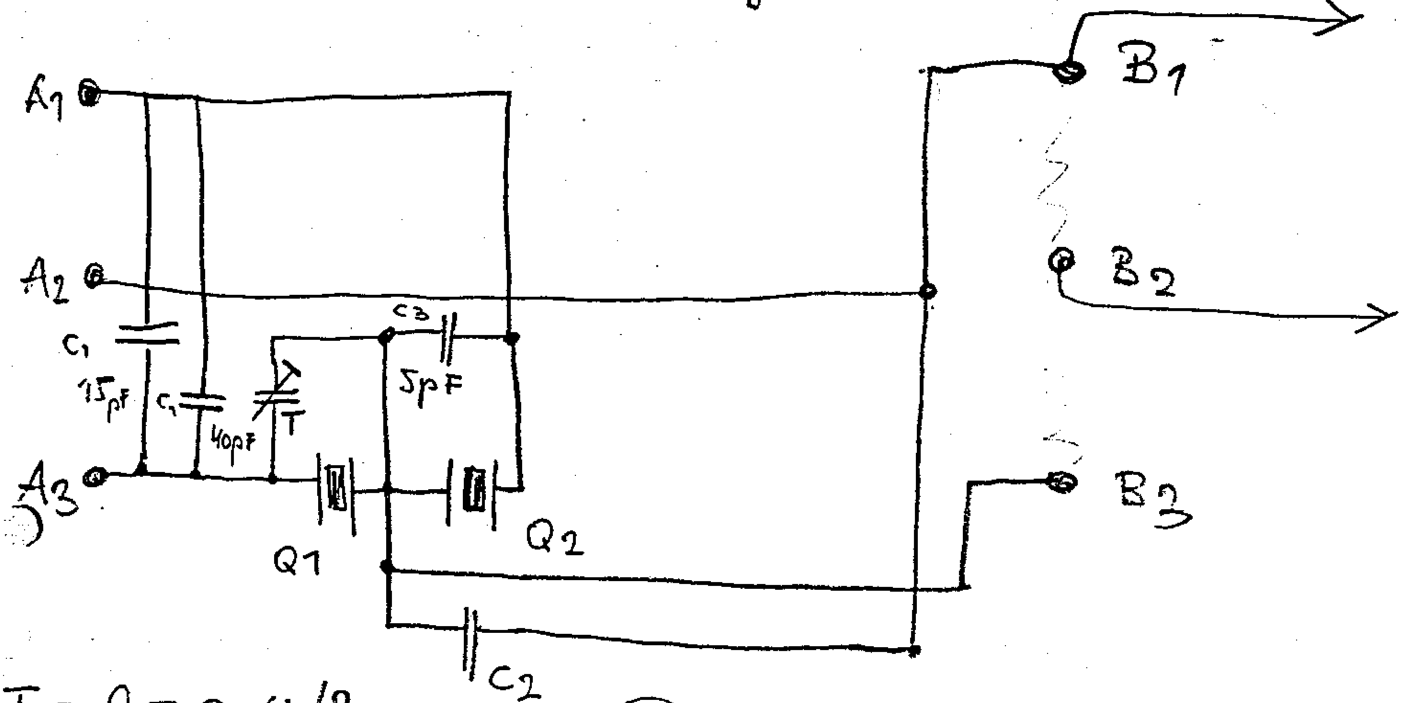
Eichpunkt 604,6

Q-Filter; Fu HE b

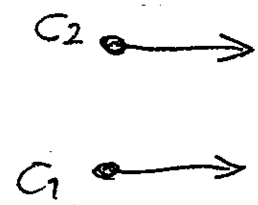
Abart von einem
Half-Radio Filter

12.1.62 .R.-

Schaltung v. QF2



T1 = 2509 AK/8



B1/2/3 = EO 84334 }
A1/2/3 = EO 84324 } MV 311

Auf A1/2/3 = C1/2

Q1 = 325-42i
602 kc/s

<u>Quarze Lorenz</u>

Q2 = 147.23i
600 kc/s

QF2
EO 83532/EST 218

an 17.1.02

Bandfilter A = EO 84 324
— " — B = EO 84 334

Körper Nr 3 11

Kopplungswicklung C befindet sich auf BF- "A".

Quarze : Hersteller Koren ?

Q1 = 325 - 42i
602 kc/s

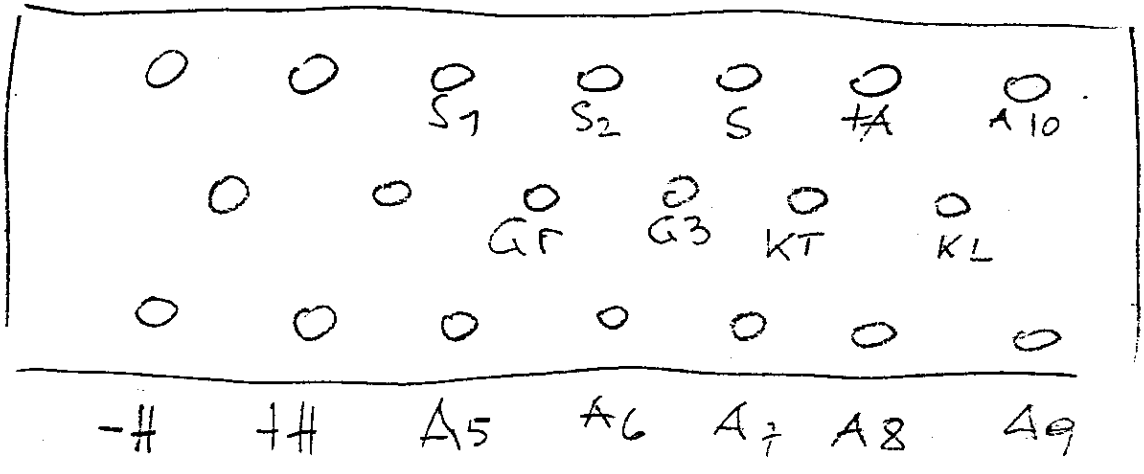
Außenbezeichnung der gesamten Quarzfiltern

Q2 = 14. 43i
609 kc/s

QF2
EO 83 532
FSt. 2i8

Tonabschalter betätigt U9

Lautstärkeregler betätigt U44 + 34
auf einer Achse



Endkontrolle betätigt U5 + (U8) ?

Tg1 – Tn – Tg2 betätigt

Tg1 = T8 + U8

Tn

Tg2 = U8

17.62

Eichpunkte am Tr. HF. b

$f_F = 605{,}5$ kc/s

$f_{g1} = 605{,}5 - 0{,}9$ kc/s $= 604{,}6$ kc/s

$f_{g2} = 605{,}5 + 0{,}9$ kc/s $= 606{,}4$ kc/s

f_{g1} = Eichmarken empfangen

1.) = 100 P. 2 kc/s

2.) = 1813,8 kc/s

3.) = 2416,4 kc/s

4.) 3023,0 kc/s

5.) 3627,6 kc/s

604.6.2

100 2 1 2

604.6.3

1813 8

604.6.4

2416 4

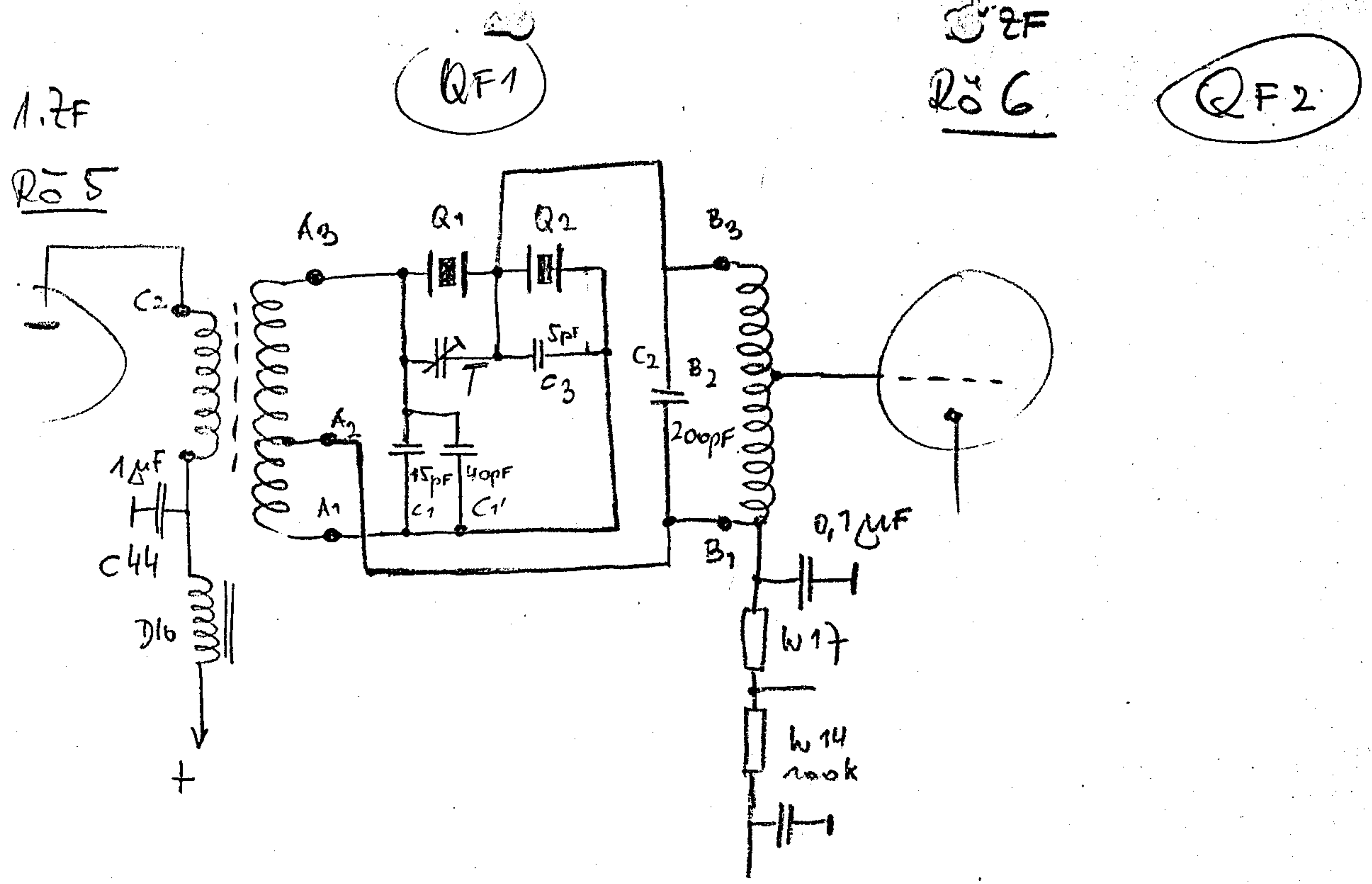
604.6.5

3023 0

604.6.6

3627 6

17.62 Uk


1.ZF
Rö 5
QF1
2.ZF
Rö 6
QF2
A3
A2
A1
Q1
Q2
5pF
C3
T
15pF
C1
40pF
C1'
C2
B2
200pF
B3
B1
C2
1µF
C44
Dl6
+
0,1 µF
W 17
W 14
100k

17.62 [illegible signature]

Bereich 1 = 120 P, 2 kc/s

Bereich 2 = 1813,8 kc/s

Bereich 3 = 1813,8 kc/s
24 18,4 kc/s

Bereich 4 = 3023,0 kc/s
36 27,6 kc/s

Eichpunkte Fu. H. E. b

Nr	✓	Wert C	Nr	C	Wert	Nr	✓	R
			57	✓	0,1 µF	1		
1			58			2	✓	0,1 M
2	✓	Differentialdreher	59			3	✓	50k
3	✓	~~1 µF~~	60			4		–
4	✓		61			5	✓	1M
5	✓	Drehko	62			6	✓	0,1M
6	✓	Trimmer	63	✓	10 µF ?	7	✓	50k
7	✓	0,1 µF	64	✓		8		
8	✓	1 µF	65	✓		9	✓	1M
9	✓	4 µF	66	✓	10 µF	10	✓	0,1 M
10		Trimmer	67	✓	3 µF	11		0,1 M
11	✓	Drehko	68			12	✓	50k
12	✓	0,5 pF	69			13	✓	40k
13			70	✓	2 µF	14	✓	100k
14	✓	160 pF	71			15	✓	100k
15	✓	1 µF	72	✓		16	✓	10k
16	✓	0,1 µF	73	✓		17	✓	200k
17	✓	1 µF	74	✓	500 pF	18	✓	100k
18			75	✓	500 pF	19	✓	10k
19	✓	Trimmer	76			20	✓	1M
20	✓	Drehko	77	✓	200 pF	21	✓	1M
21	✓	160 pF	78			22	✓	100k
22	✓	1 µF	79			23	✓	100k
23	✓	0,1 µF	80			24	✓	10k
24	✓		81	✓	10 pF	25		
25			82	✓	10 pF	26	✓	200k
26			83	✓	10 pF	27	✓	1M
27			84			28	✓	100k
28	✓	Drehko	85	✓	~~[illegible]~~	29	✓	150k
29	✓	Trimmer	86			30	✓	1,5M
30	✓	1 µF	87	✓	50 pF	31	✓	80k
31			88			32	✓	5M
32	✓	Trimmer / Feldkorrektur	89			33	✓	300k
33	✓	160 pF ?	90			34	✓	1M Pot
34	✓		91	✓		35	✓	50k
35			92	✓		36		100k
36			93	✓		37	✓	5k
37			94	✓		38	✓	50k
38			95	✓		39	✓	50k
39			96	✓	1 µF	40		1M
40			97	✓		41	✓	1K
41	✓	~~1EK~~	98			42		400k
42	✓	0,1 µF	99	✓	1 µF	43	✓	500k
43	✓		100	✓	5 pF	44		
44	✓	1 µF	101	✓	35 pF	45		200 Ω
45	✓		102	✓		46	✓	100 Ω
46			103			47	✓	10 Ω
47	✓		104			48	✓	10 Ω
48	✓	0,1 µF	105			49		100 Ω
49	✓		106			50	✓	30k
50			107			51	✓	60k
51			108			52		
52	✓	30k / Pot.	109			53		[illegible]
53	✓	0,1 µF	110			54	✓	0,2 Ω
54	✓		111			55		
55	✓	0,5 µF ?	112			56		
56			113			57		

D1 = bif drossel Ro 1

D2 = Duo den drossel Ro 1

D3 = bif drossel Ro 2

D4 = Duo den drossel Ro 2

D5 = bif drossel Ro 3

D6 = Duo den drossel Ro 3

D7 = Duo den drossel Ro 4

D8 = bif drossel Ro 4

D9 = bif drossel Ro 5

D10 = Duo den drossel Ro 5

D11 = bif drossel Ro 6

D12 = Duo den drossel Ro 6

D13 = bif drossel Ro 7

D14 = Duo den drossel Ro 7

D15 = bif drossel Ro 8

D16 = Duo den drossel Ro 8

D17 = Trafo SK 2

D18 = Touristrafo

D19 = 300 Ω

D20 = HF - Drossel

D21 = Duo den drossel Ro 9

D22 = bif drossel Ro 9

D23 = bif drossel Ro 11

D24 = Duo den gegentakt drossel

D25 = Lautsprecher drossel

D26 = bif gegentakt drossel

D27 = ~~bif drossel Ro~~ - Ua Drossel

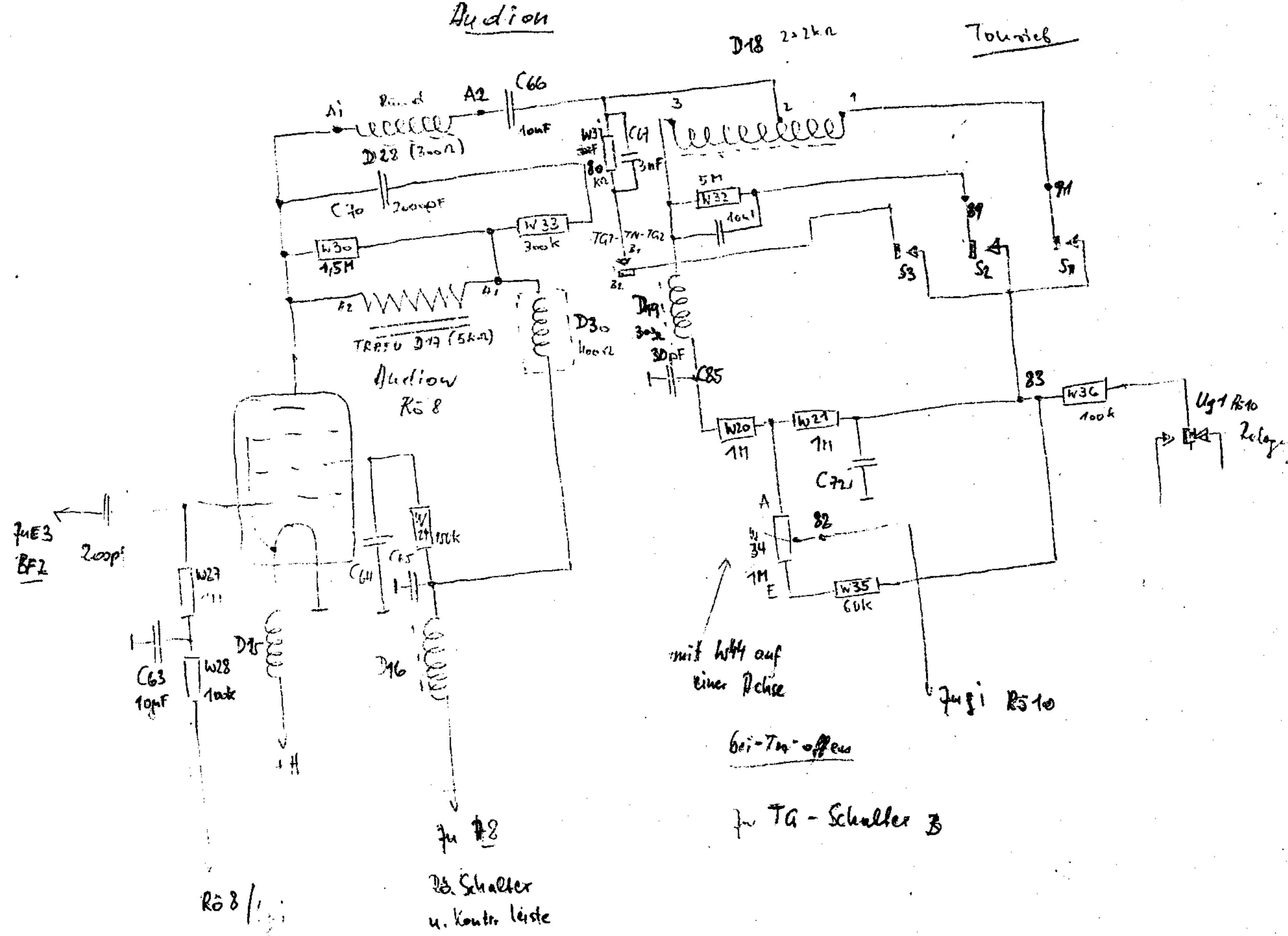
D28 = Touristrossel

D29 = HF Drossel

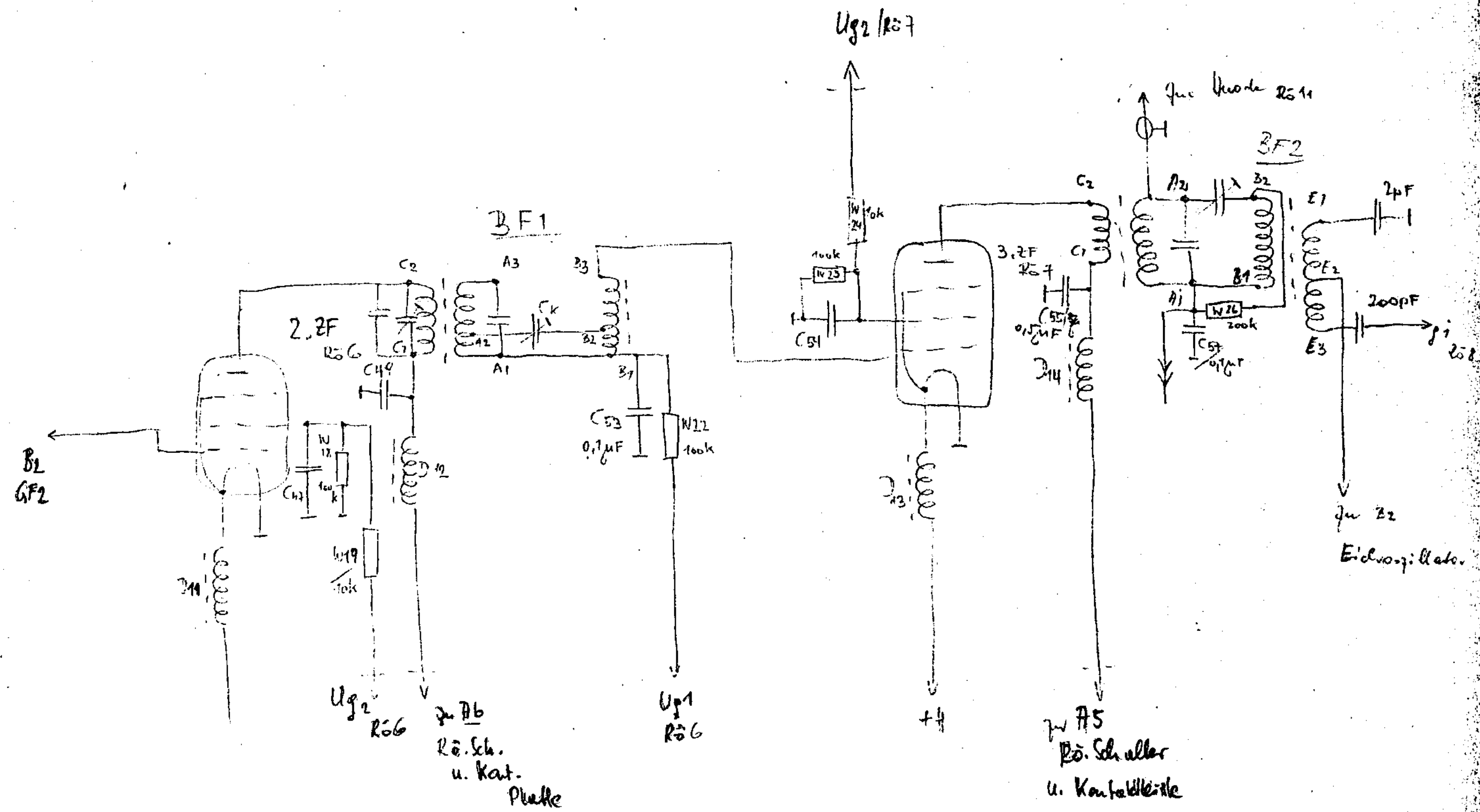
D30 = bif 2 HF - Drossel

D31 = bif drossel Ro

U1 = Duo gang trafo



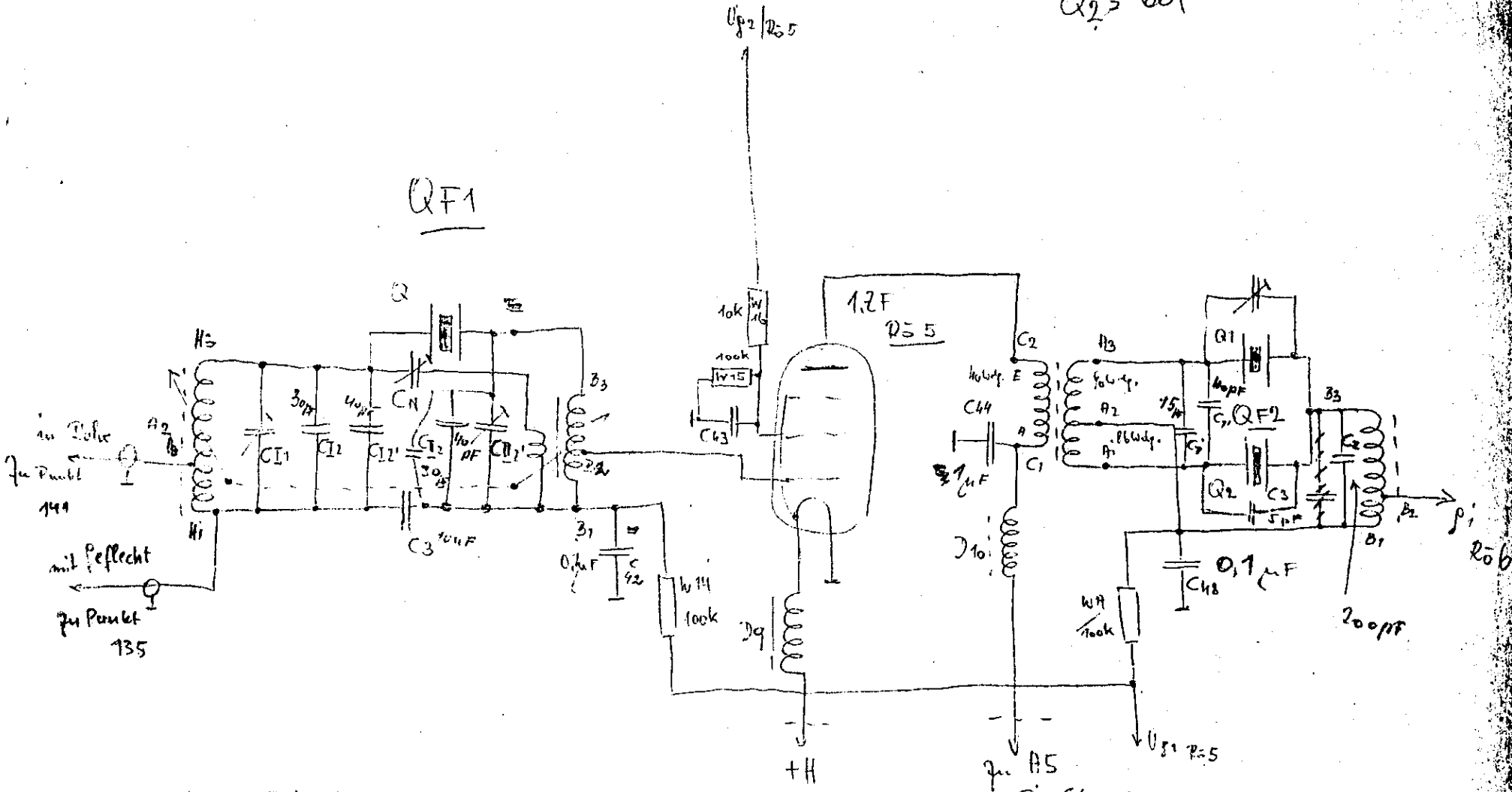
Audion
D18 2×2kΩ
Tonsieb
A1
A2
C66
10nF
D28 (300Ω)
C70
200pF
W30
1,5M
W33
300k
W32
5M
3nF
Trafo D17 (5kΩ)
D30
100Ω
Audion
Rö 8
S3
S2
S1
83
W36
100k
Relay
W20
1M
W21
1M
C72
82
34
1M
W35
60k
30pF
C85
C63
10nF
W27
W28
100k
D15
D16
zu E3
BF2
200p
+H
mit W44 auf einer Achse
zu g1 Rö10
bei Tn offen
zu TG - Schalter B
zu B2
Bl. Schalter
u. Kontr. leiste
Rö 8



Ug2 / Rö 7
zur Diode Rö 11
BF2
BF1
2. ZF
Rö 6
3. ZF
Rö 7
C53
0,1 μF
W22
100k
W24
10k
W23
100k
C51
C55
0,1 μF
W26
200k
C57
0,1 μF
2pF
200pF
B2
GF2
W19
10k
Ug2
Rö 6
zu A6
Rö. Sch.
u. Kat.
Platte
Ug1
Rö 6
+4
zu A5
Rö. Schalter
u. Kontaktleiste
zu Z2
Eichoszillator

Q = 605,5 kc/s

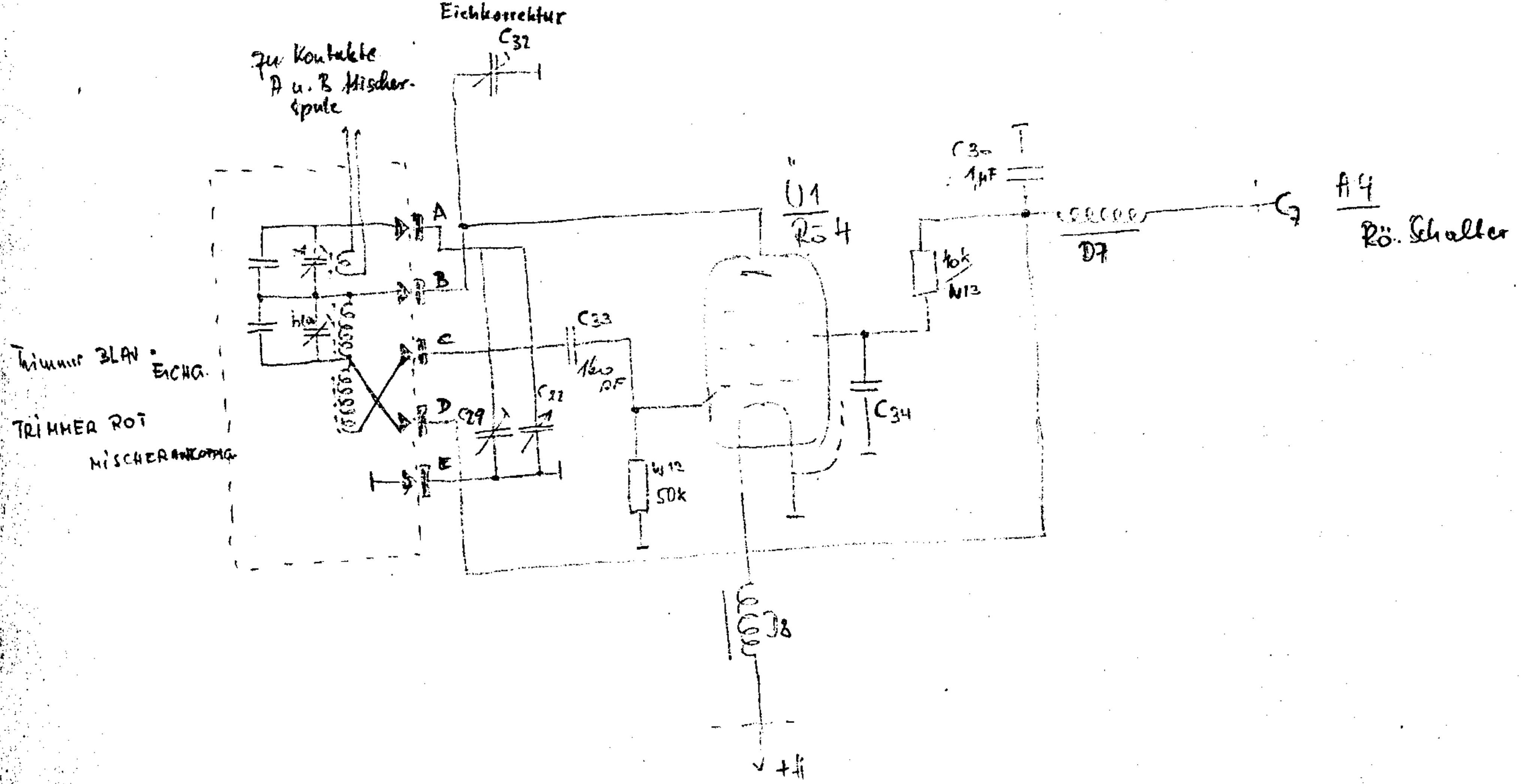
Q1 = 602 } kc/s
Q2 = 608



Q = 605,5 kc/s

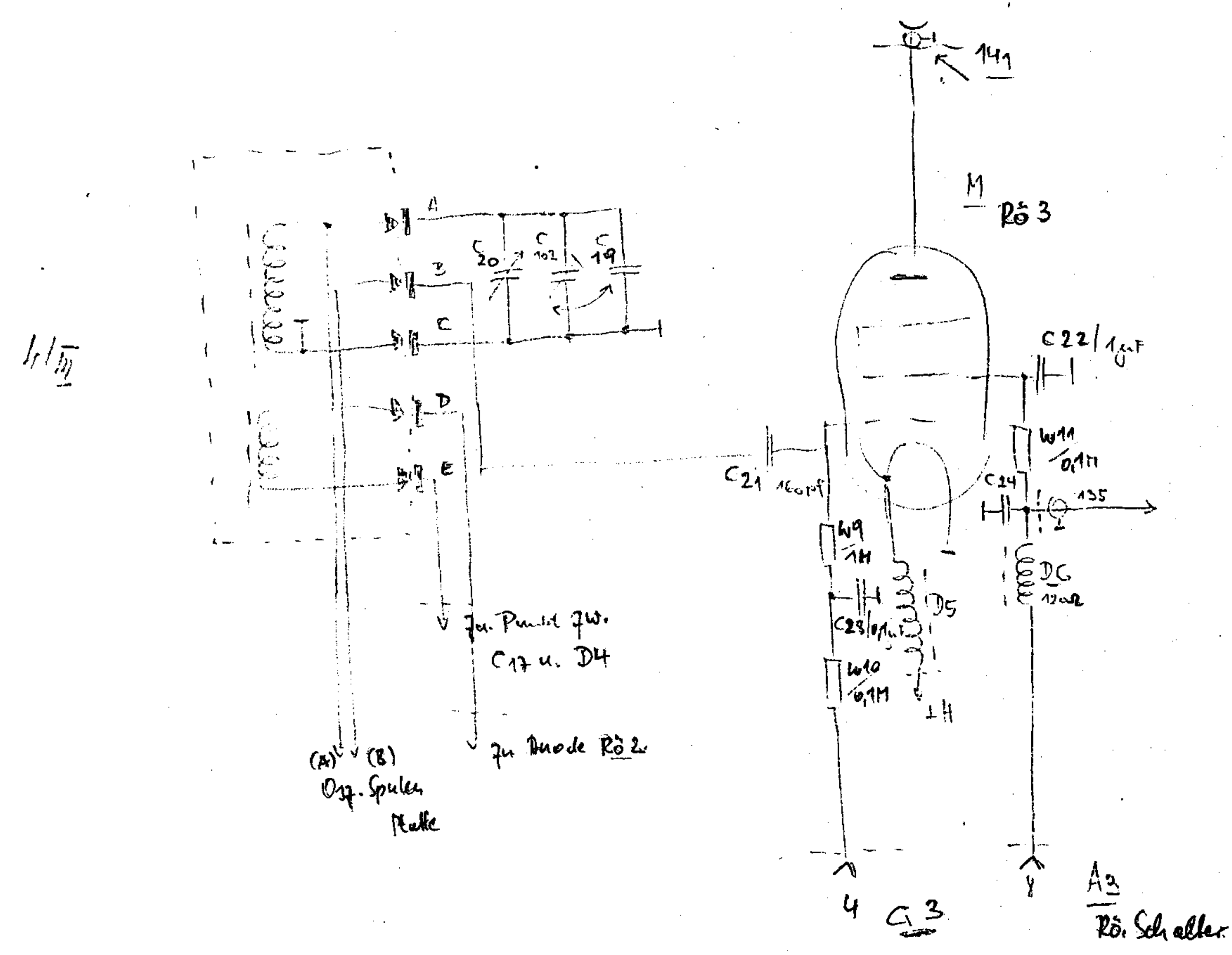
Q1 = 602 kc/s
Q2 = 608 kc/s

1. Oszilator



Eichkorrektur
C32
zu Kontakte A u. B Mischer-spule
A
B
C
D
E
C29
C22
C33
W12
50k
Ü1
Rö 4
C34
C30
1µF
10k
W13
D7
A4
Rö. Schalter
D8
+H
Trimmer BLAU · EICHG.
TRIMMER ROT
MISCHERANKOPPG.

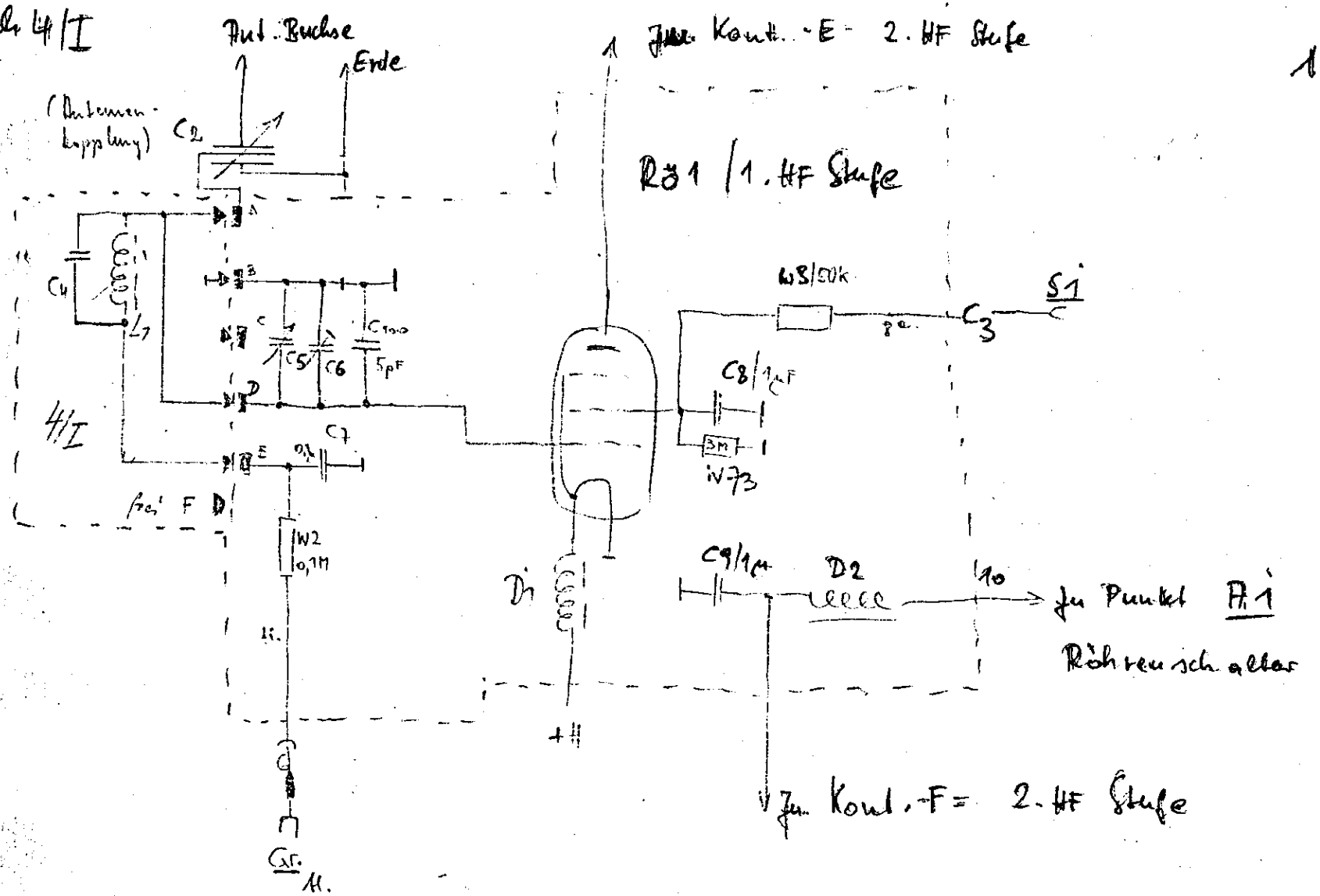
Mischer

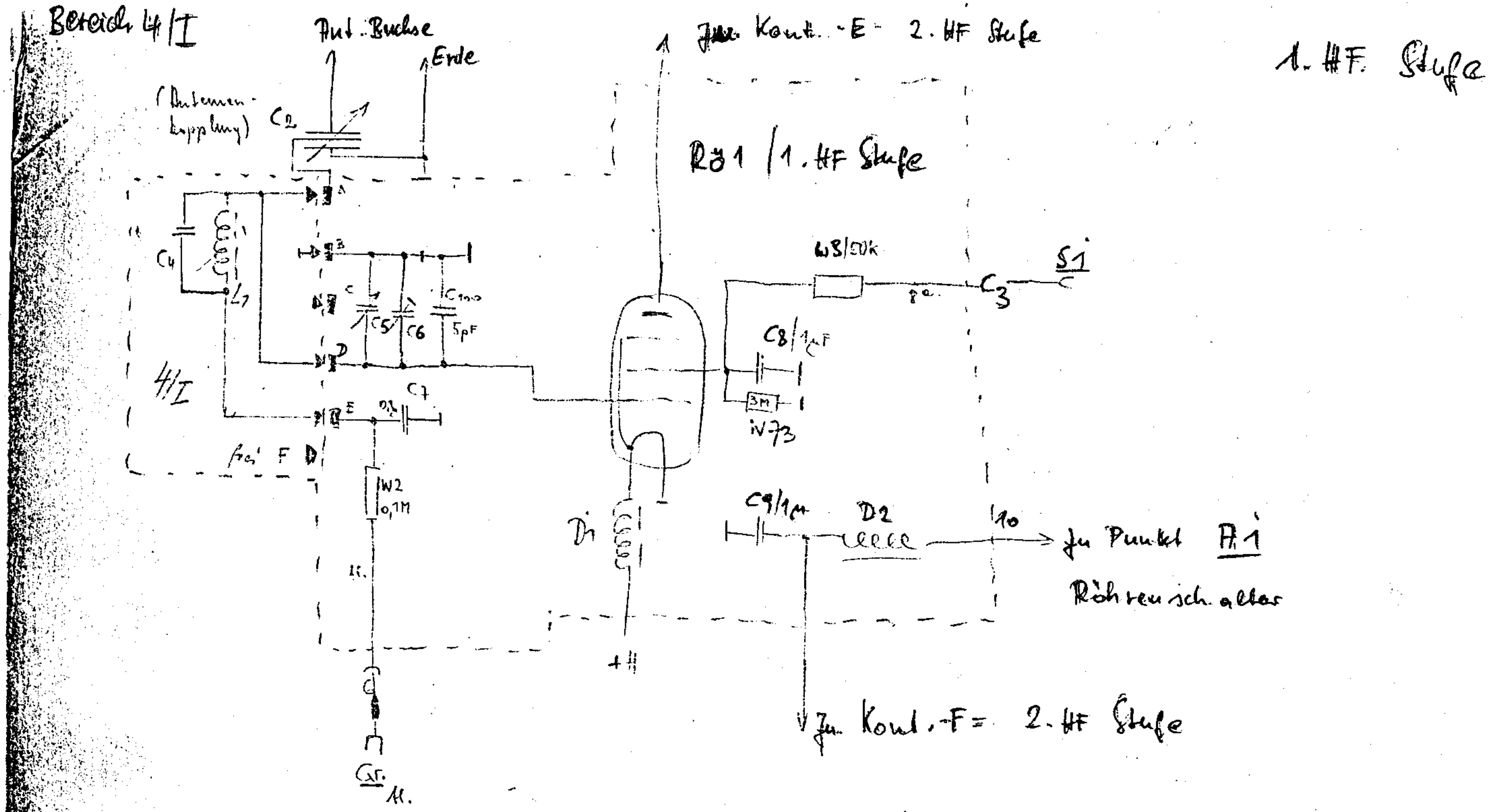


14₁
M
Rö 3
C22/1µF
W11 0,1M
C24
135
DG 12ohm
D5
1H
C21 160pF
W9 1M
C23 0,1µF
W10 0,1M
4
G 3
A2
Rö. Schalter
A
B
C
D
E
C 20
C 102
C 19
zu Punkt 7W. C17 u. D4
zu Anode Rö 2
(A) (B) Osz. Spulen Platte

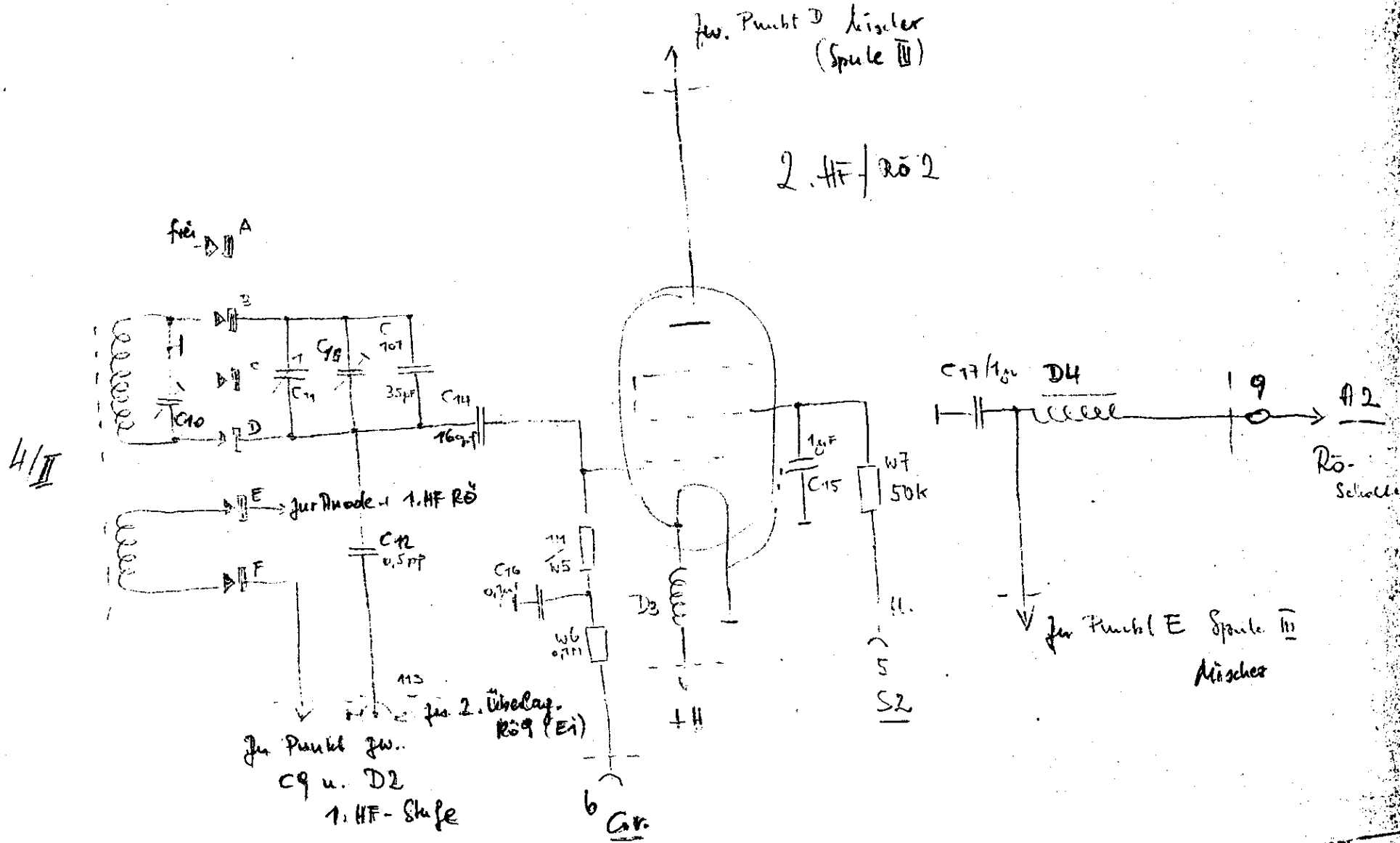
Bereich 4/I

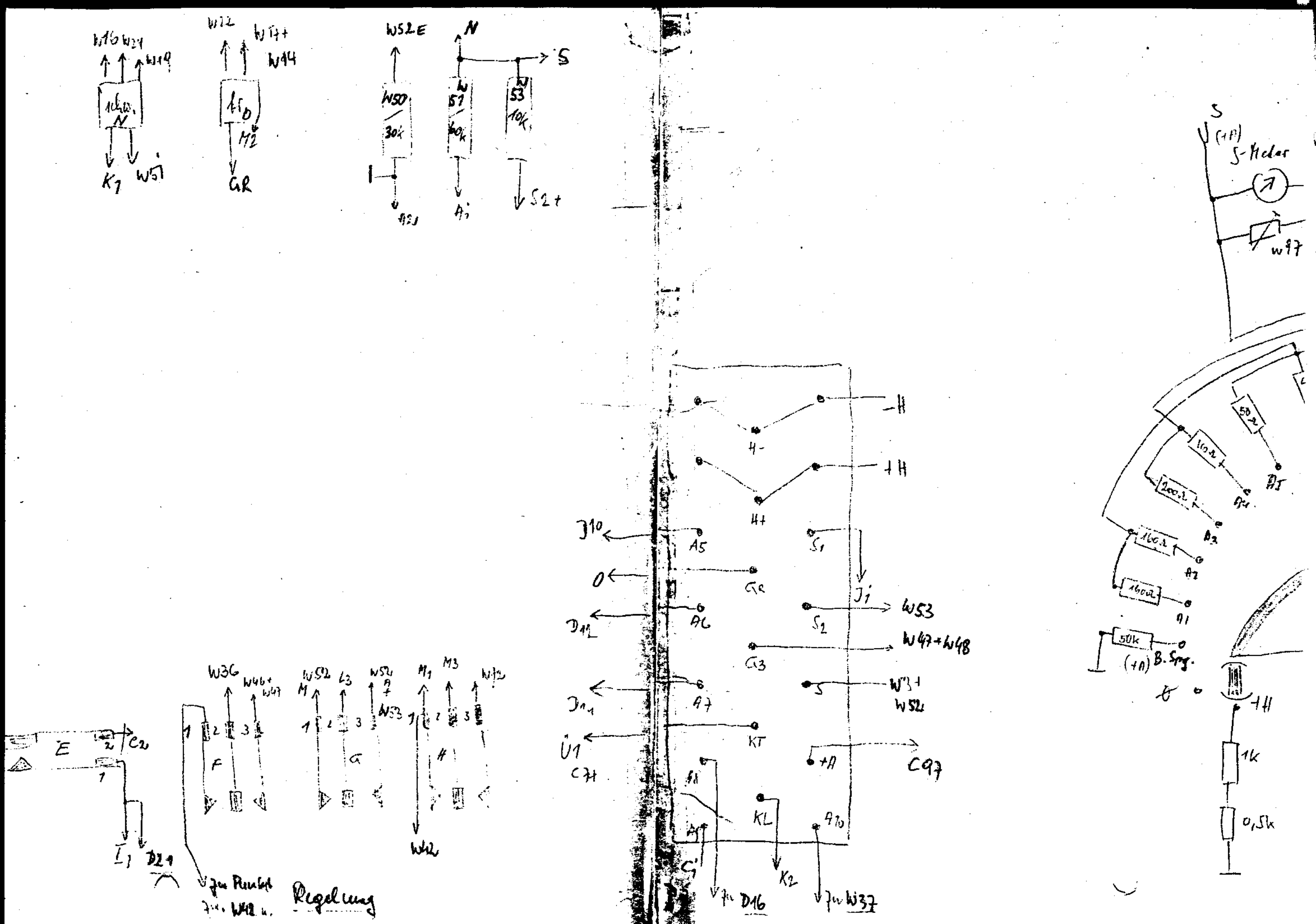
1. HF Stufe



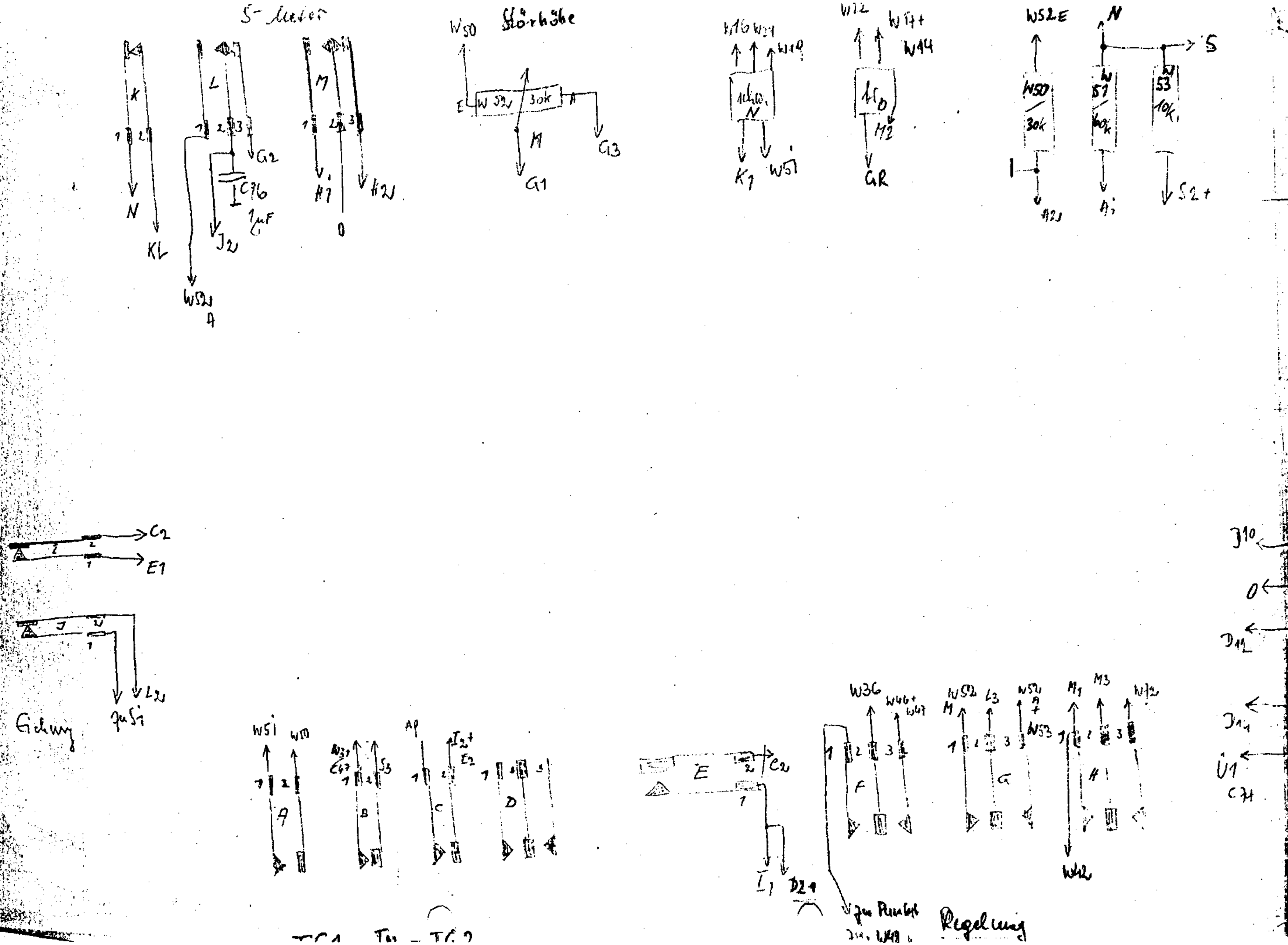

Bereich 4/I
Ant. Buchse
Erde
(Antennen-kopplung)
C2
C4
L1
C5
C6
C100
5pF
C7
4/I
F
W2
0,1M
Gr.
Zu Kont. -E- 2. HF Stufe
Rö 1 / 1. HF Stufe
W3/50k
S1
C3
C8/1µF
3M
W73
Dr
C9/1µ
D2
10
zu Punkt A 1
Röhrenschalter
Zu Kont. -F- 2. HF Stufe
1. HF Stufe

2. HF-Stufe

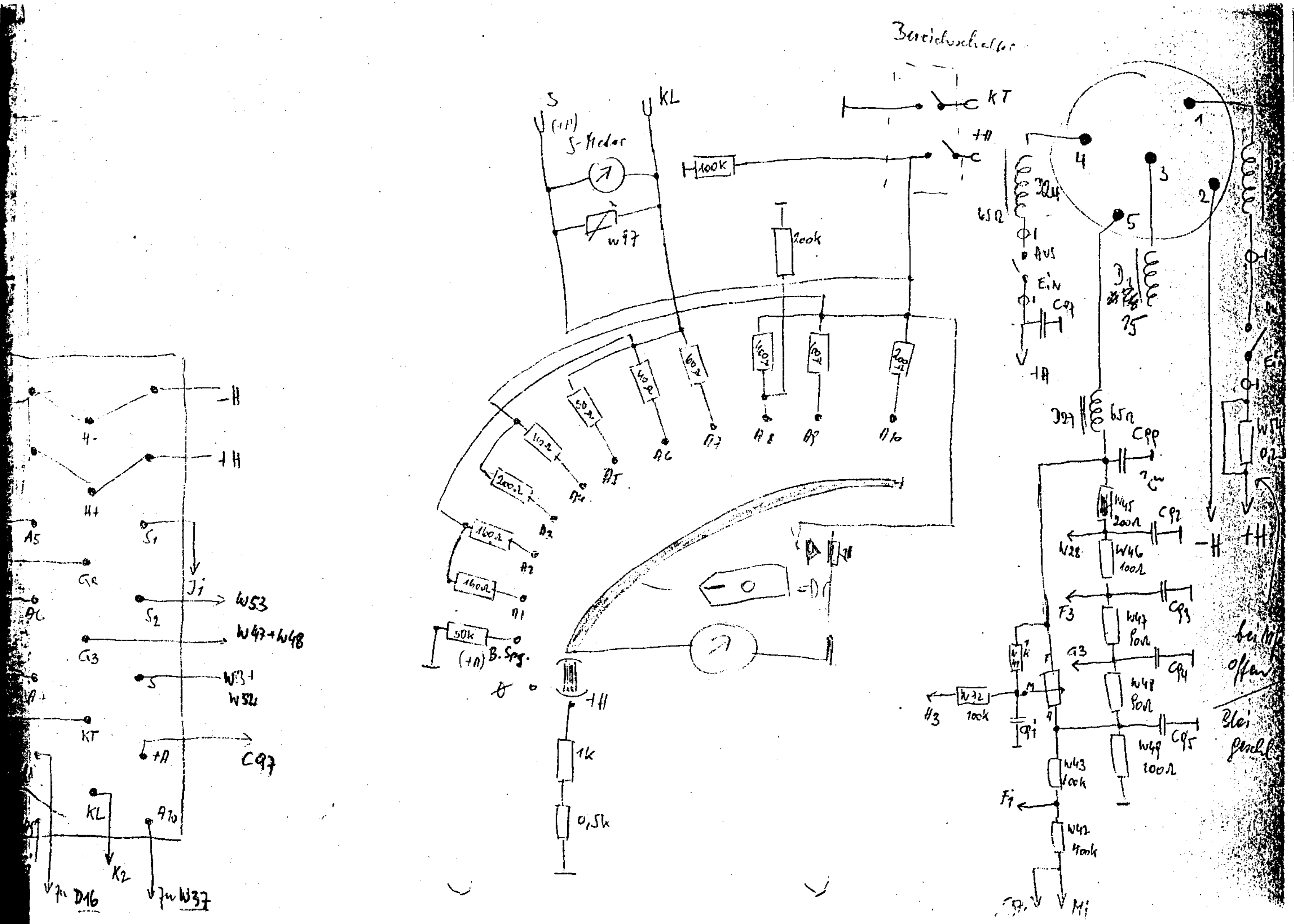

frei
A
B
C
D
E
F
C10
C11
C9
C 101
35pF
C14
16pF
4/II
zur Anode d. 1. HF RÖ
C12
0,5pF
C16
0,1nF
W5
W6
0,1M
D3
1,5nF
C15
W7
50k
11
5
S2
+H
fm. Punkt D hinter (Spule III)
2. HF / RÖ 2
C17 / 1,5n
D4
1
9
12
Rö-
Schalt
zu Punkt E Spule III
Mischer
fm. 2. Überlag.-Rö 9 (Ei)
Zu Punkt fw.. C9 u. D2 1. HF-Stufe
6
Gr.



W52E
N
S
W50
30k
W51
60k
W53
10k
S2+
GR
W44
M2
K1
W57
S-Meder
W97
50Ω
100Ω
200Ω
160Ω
1600Ω
50K
B. Spg.
1k
0,5k
H-
H+
A5
S1
S2
G3
KT
KL
+A
A10
W53
W47+W48
C97
J10
D12
U1
C71
zu D16
zu W37
K2
W36
W46+W47
W52
L3
W53
M1
M3
W42
E
D21
zu Punkt zu W42 u.
Regelung



S-Meter
Störhöhe
W50
W52E
30k
10k
C96
1µF
KL
G1
G2
G3
W51
W44
GR
W36
W12
Regelung



Bereichsschalter
S-Meter
KL
KT
W17
100k
200k
B. Spg.
1k
0,5k
W53
W47+W48
CQ7
W42
W43
Mi
F3
G3