

EMPFÄNGER- SCHALTUNGEN

DER
RADIO-INDUSTRIE

BAND VIII

Siemens · Star · Staßfurt

Staudigl · Südfunk

TAK · Tefag · Tefi · TEKADE

EMPFÄNGER-SCHALTUNGEN DER RADIO-INDUSTRIE
BAND VIII



BÜCHER FÜR DEN RUNDFUNKTECHNIKER

EMPFÄNGER-
SCHALTUNGEN
DER
RADIO-INDUSTRIE

BAND VIII

Zusammengestellt von Ing. Heinz Lange
und Ing. Heinz K. Nowisch

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VORWORT

Dieses Buch setzt als VIII. Band die Schaltbildersammlung fort, in der 30 Jahre rastloser Arbeit deutscher Fachleute ihren Niederschlag finden. Es ist gelungen, ein Standardwerk zusammenzustellen, das für die gesamte Radiotechnik von unschätzbarem Wert ist.

Angefangen vom Audionempfänger aus dem Jahre 1924 bis zu den höchstentwickelten Spitzengeräten, deren Produktion durch den zweiten Weltkrieg unterbrochen wurde, und wieder beginnend mit den ersten primitiven Nachkriegsgeräten bis zu den letzten Konstruktionen sind die Schaltungen, nach Firmen und Typen geordnet, in dem Gesamtwerk zu finden.

Mit dieser Schaltungssammlung wollen wir dazu beitragen, die Instandsetzung von Rundfunkgeräten wesentlich zu erleichtern und damit einem dringenden Bedürfnis der Reparaturwerkstätten entsprechen — das alles mit dem Ziel, für recht viele schaffende Menschen den Empfang unserer Rundfunksendungen zu vervollkommen. Darüber hinaus gibt diese Sammlung unserem Nachwuchs in der Werkstatt, den Studierenden der Elektrotechnik und den Entwicklungsingenieuren einen umfassenden Überblick über die Vielfalt und den Ideenreichtum der Schalttechnik.

Eine Bitte richten wir an alle, in deren Hände diese Sammlung gelangt: Sollten Sie noch im Besitz von Schaltungsunterlagen sein, die in dieser Sammlung nicht enthalten sind, so überlassen Sie uns diese für eine kurze Zeit. Damit würden Sie zum Nutzen der gesamten Radiotechnik zur Vervollständigung der Sammlung beitragen.

Allen Industriebetrieben, durch deren Mitarbeit dieses Werk entstehen konnte, sprechen wir hiermit unseren Dank aus.

Verfasser und Verlag

Leipzig, im Sommer 1956

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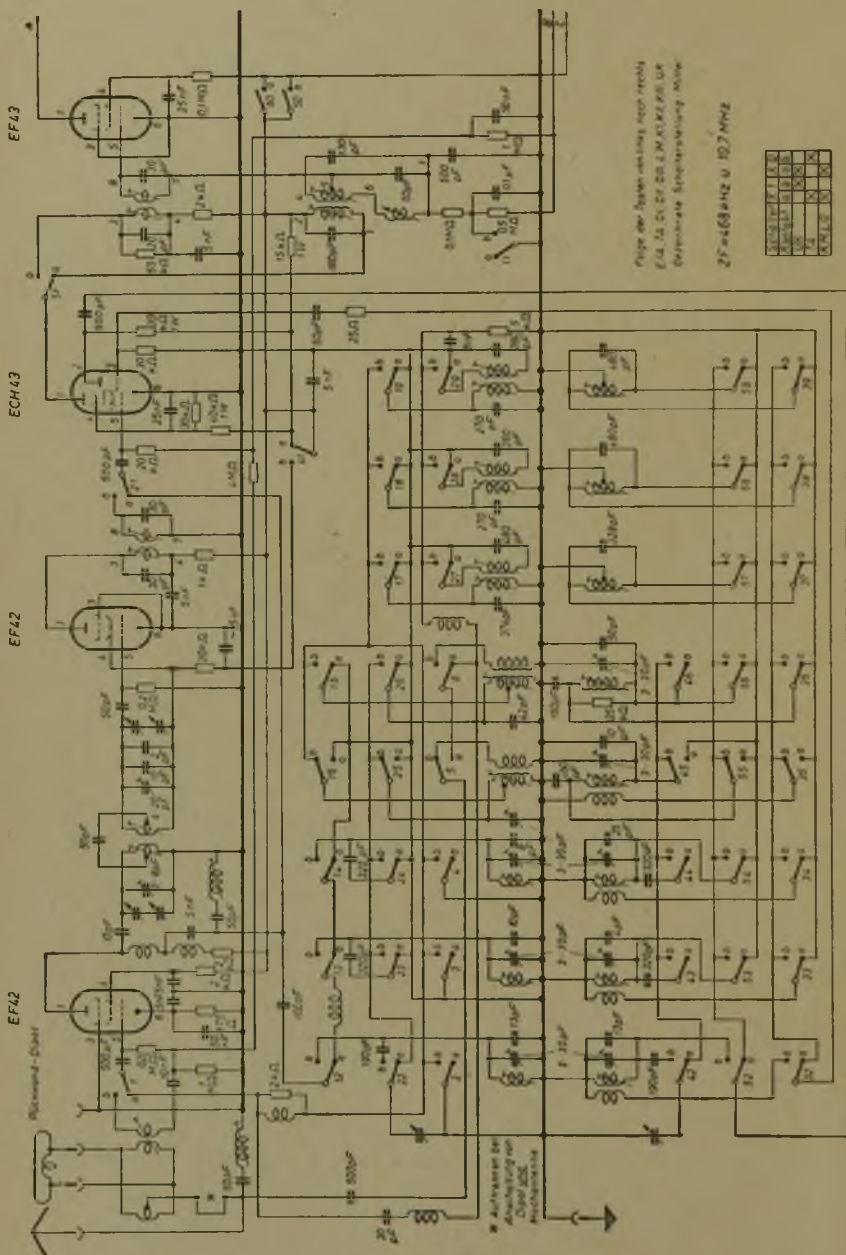
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SIEMENS

(Produktion nach 1945)

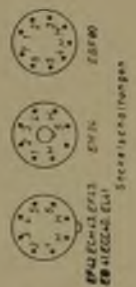
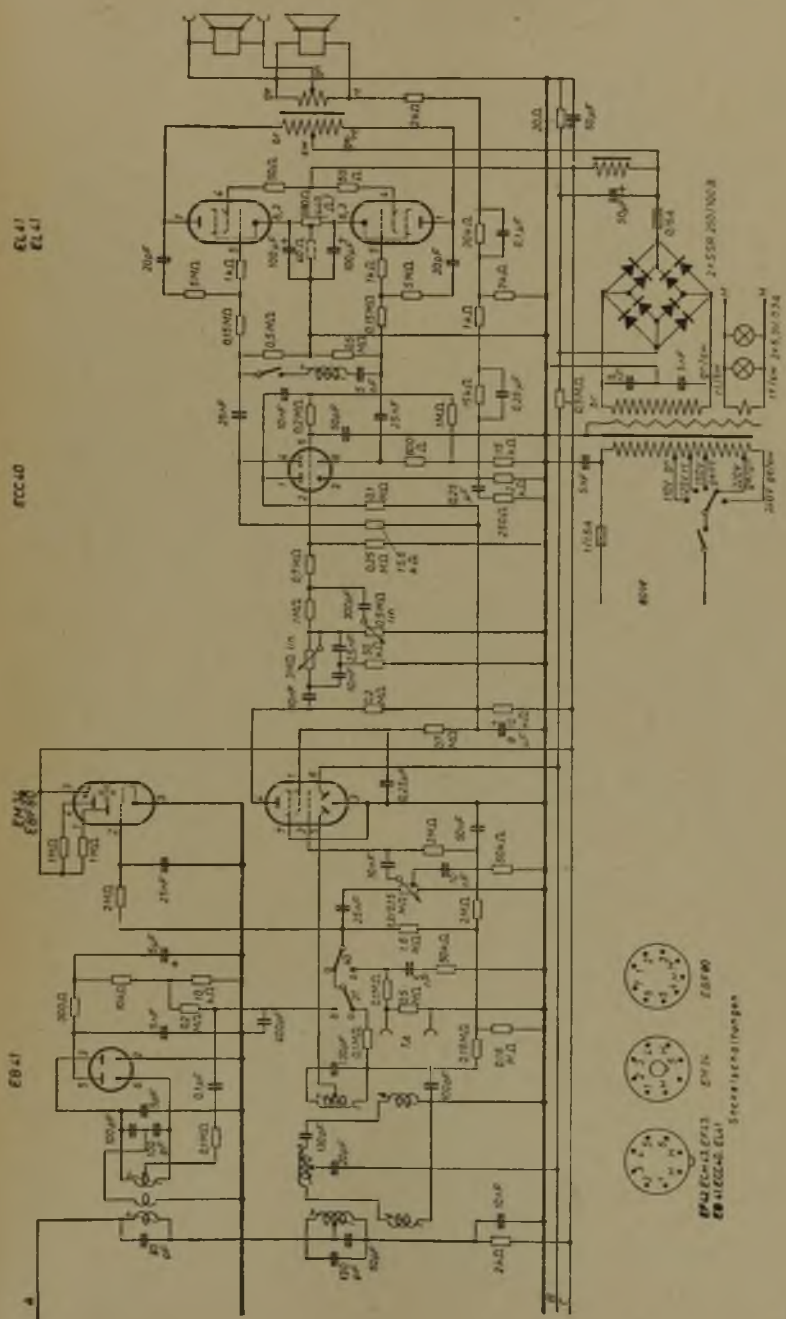
Siemens SH III5 W Spitzensuper 52

(linke Seite des Schaltbildes)



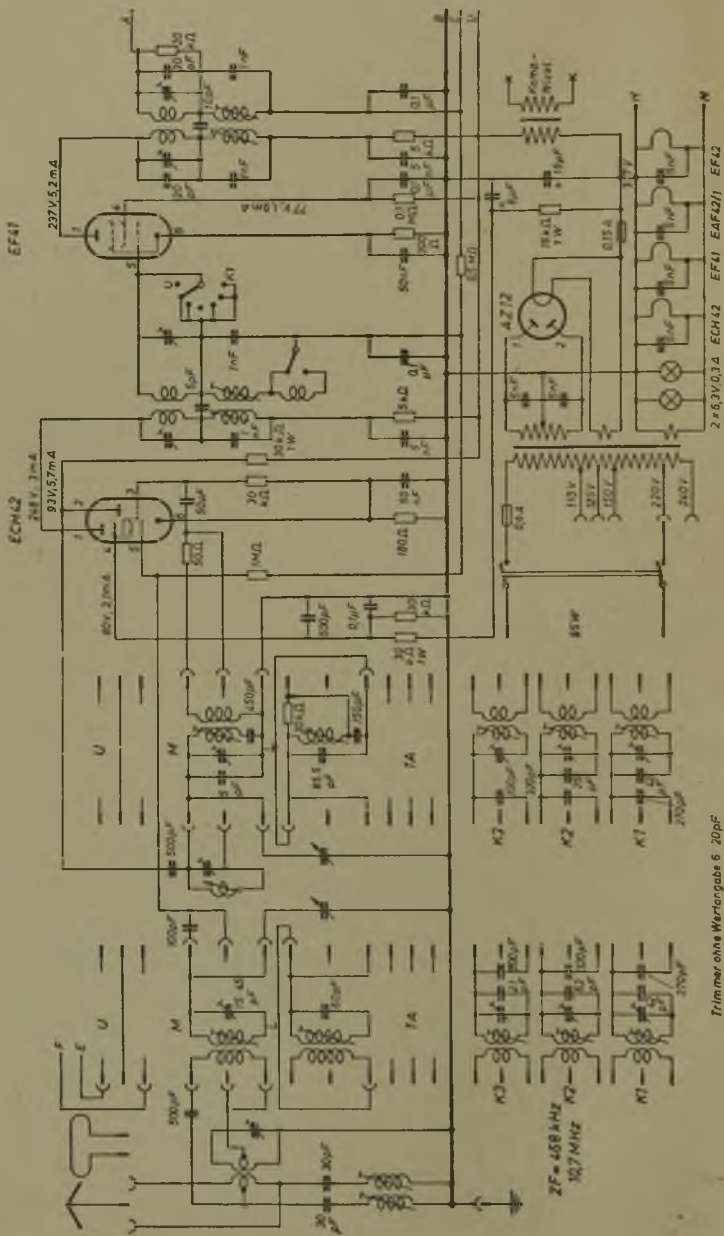
Siemens SH III5 W Spitzensuper 52

(rechte Seite des Schaltbildes)

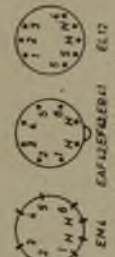
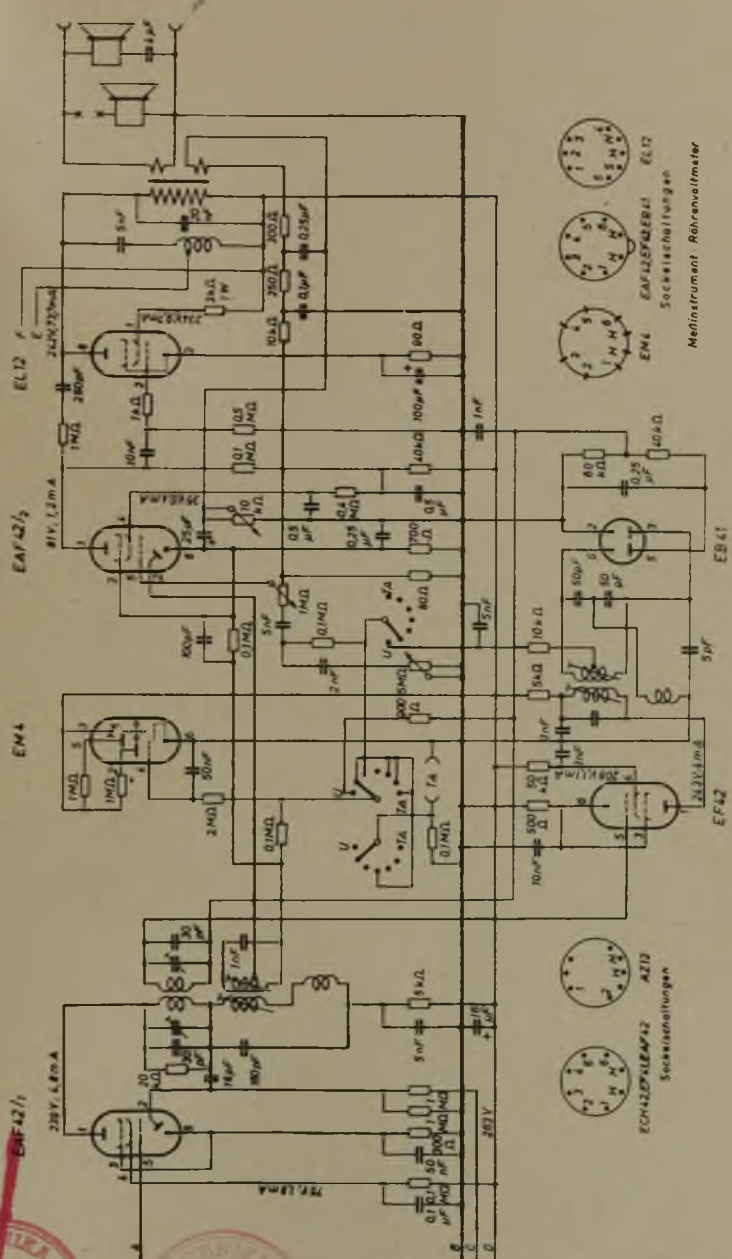


Siemens SH 906 W Spitzensuper 51

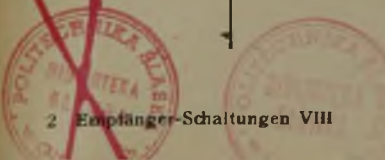
(linke Seite des Schaltbildes)



Trimmer ohne Wertangabe 6 · 20pF



Maßstab 1:1
Mehrfachrohr
Socketanschaltungen



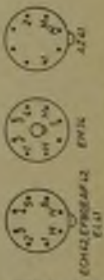
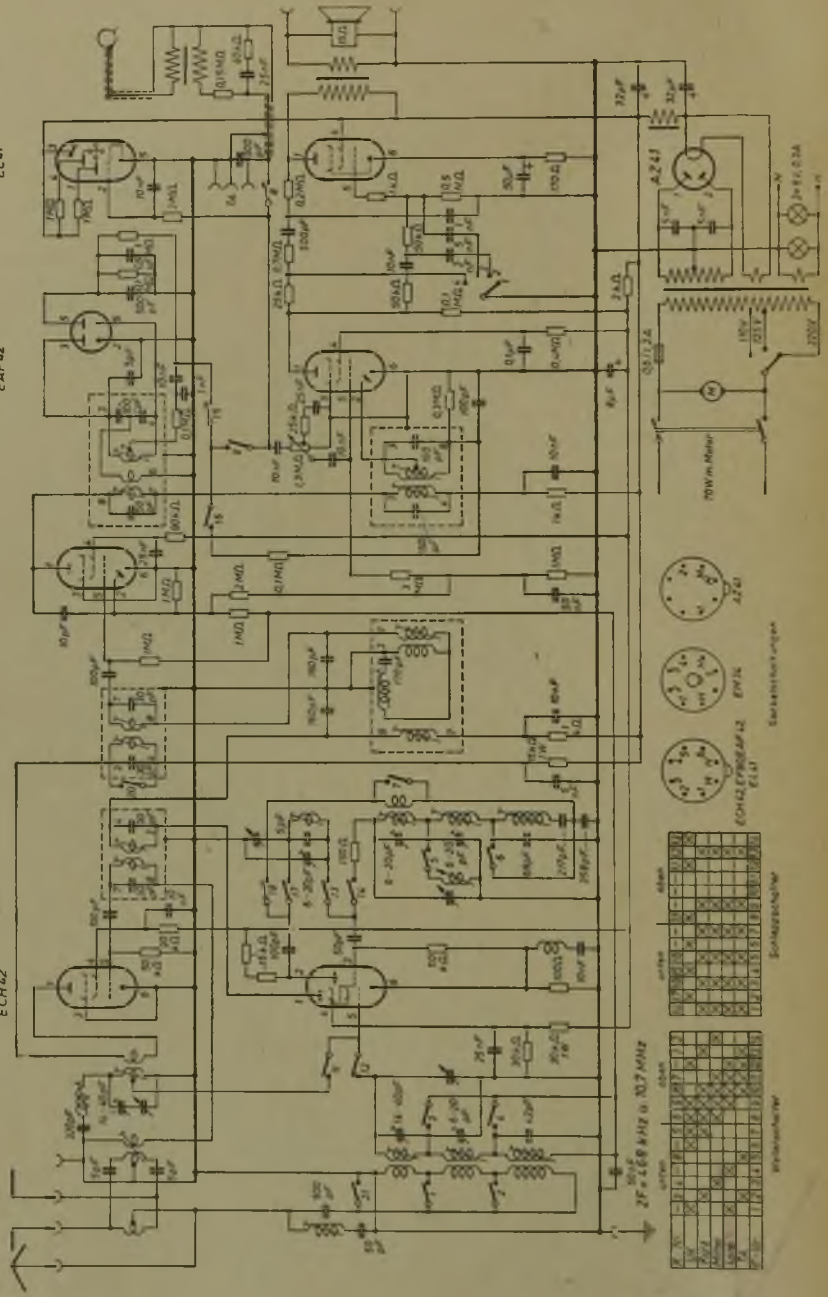
Siemens SH 816 W Phonosuper 52

EM34
EL 01

EB 47
EAF 42

EAF 42

EF80
ECH 42



EM34 EL 01

1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10

EB 47 EAF 42

1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10

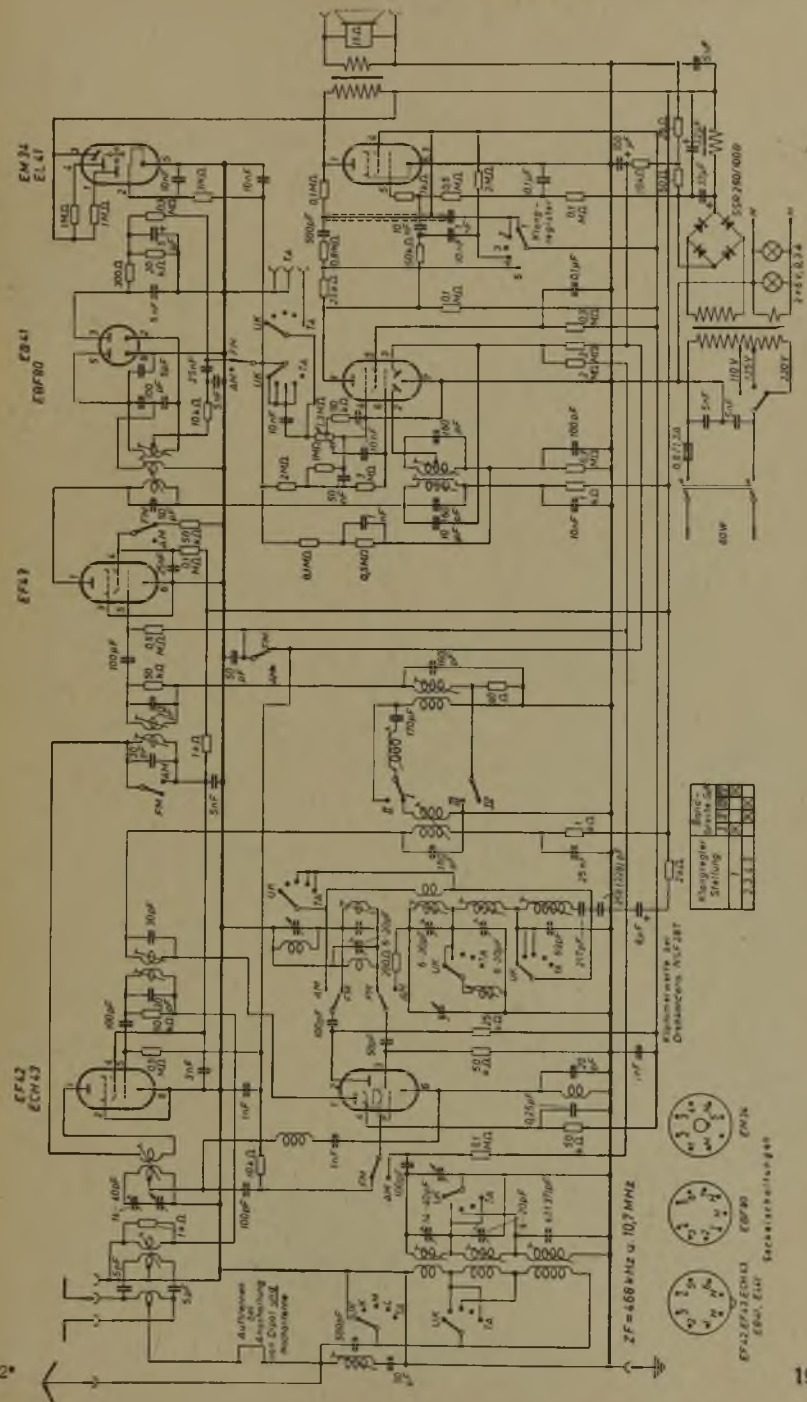
EF80 ECH 42

1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10

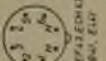
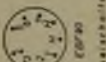
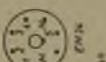
EM 34 EL 01

EB 47 EAF 42

EF 80 ECH 42



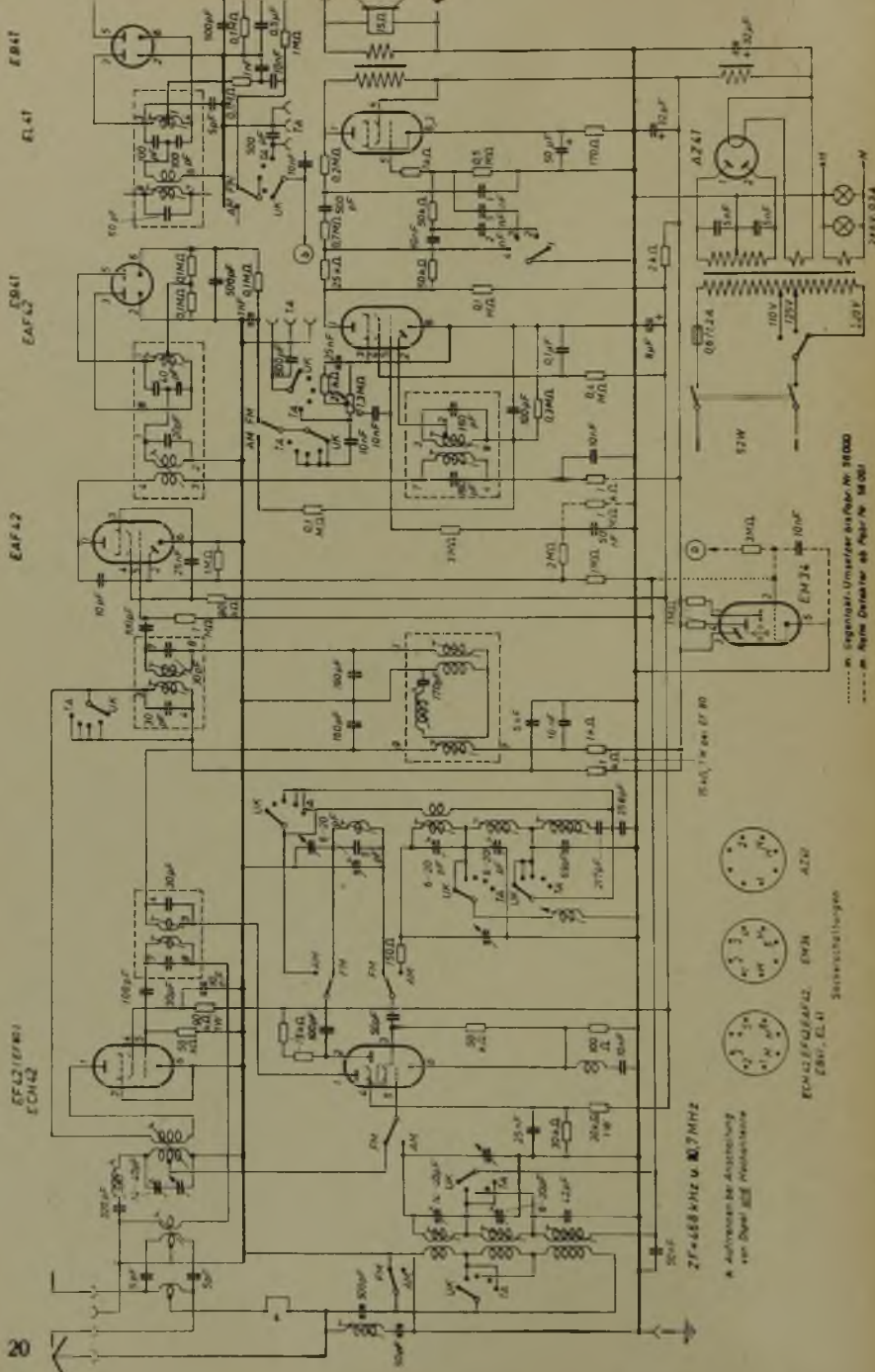
Bezeichnung	Wert	Einheit
Widerstand	100	Ω
Widerstand	1000	Ω
Widerstand	10000	Ω
Widerstand	100000	Ω
Widerstand	1000000	Ω
Widerstand	10000000	Ω
Widerstand	100000000	Ω
Widerstand	1000000000	Ω
Kapazität	10	pF
Kapazität	100	pF
Kapazität	1000	pF
Kapazität	10000	pF
Kapazität	100000	pF
Kapazität	1000000	pF
Kapazität	10000000	pF
Kapazität	100000000	pF
Kapazität	1000000000	pF



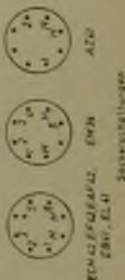
EF43 6X4
 EF41 6X4
 EM31 6X4
 250V AC
 500µF
 1000000000 pF
 100000000 pF
 10000000 pF
 1000000 pF
 100000 pF
 10000 pF
 1000 pF
 100 pF
 10 pF
 1 pF
 100 Ω
 1000 Ω
 10000 Ω
 100000 Ω
 1000000 Ω
 10000000 Ω
 100000000 Ω
 1000000000 Ω
 10000000000 Ω
 100000000000 Ω
 1000000000000 Ω

ZF = 468 kHz u. 10,7 MHz

Siemens SH 813 W Qualitätssuper 52

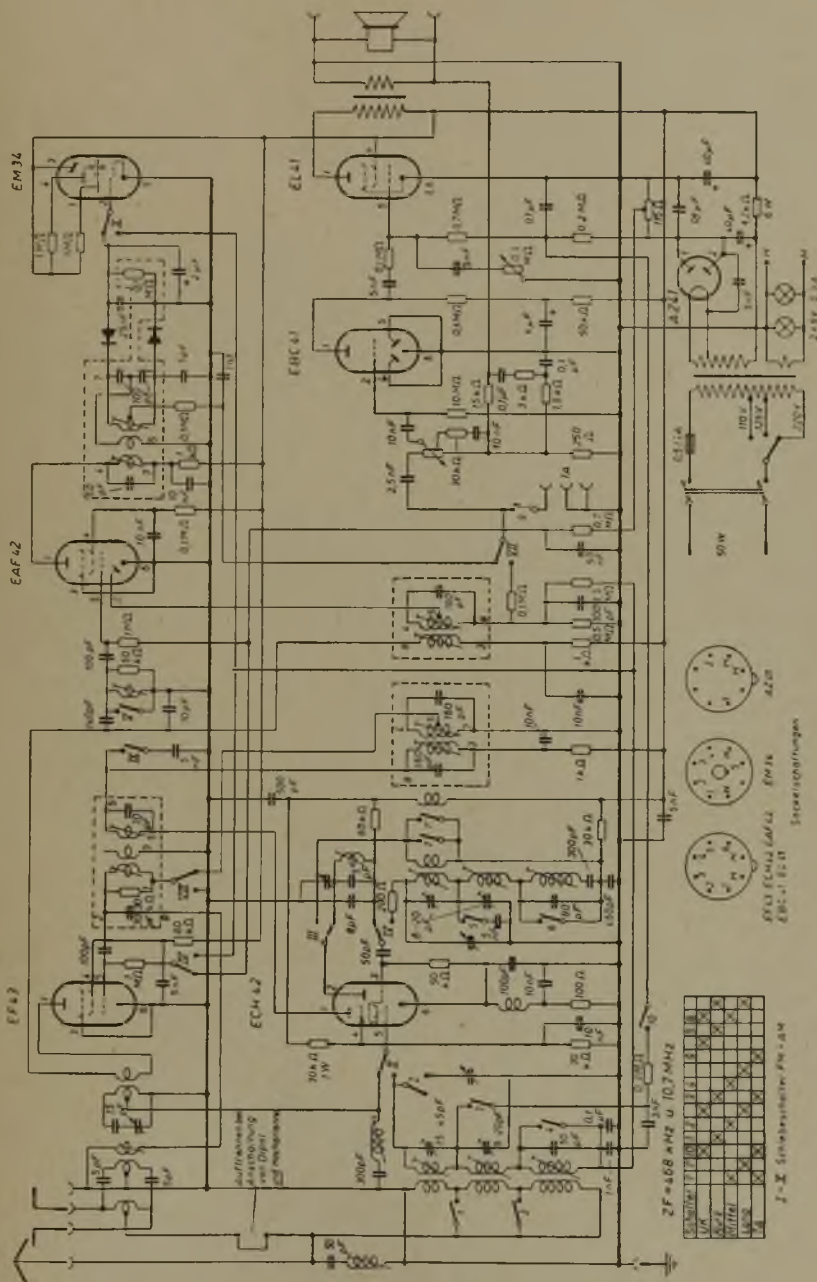


... m. Original-Umschalter auf Fol. Nr. 38000
 ... m. Neig. Detektor ab Fol. Nr. 14000

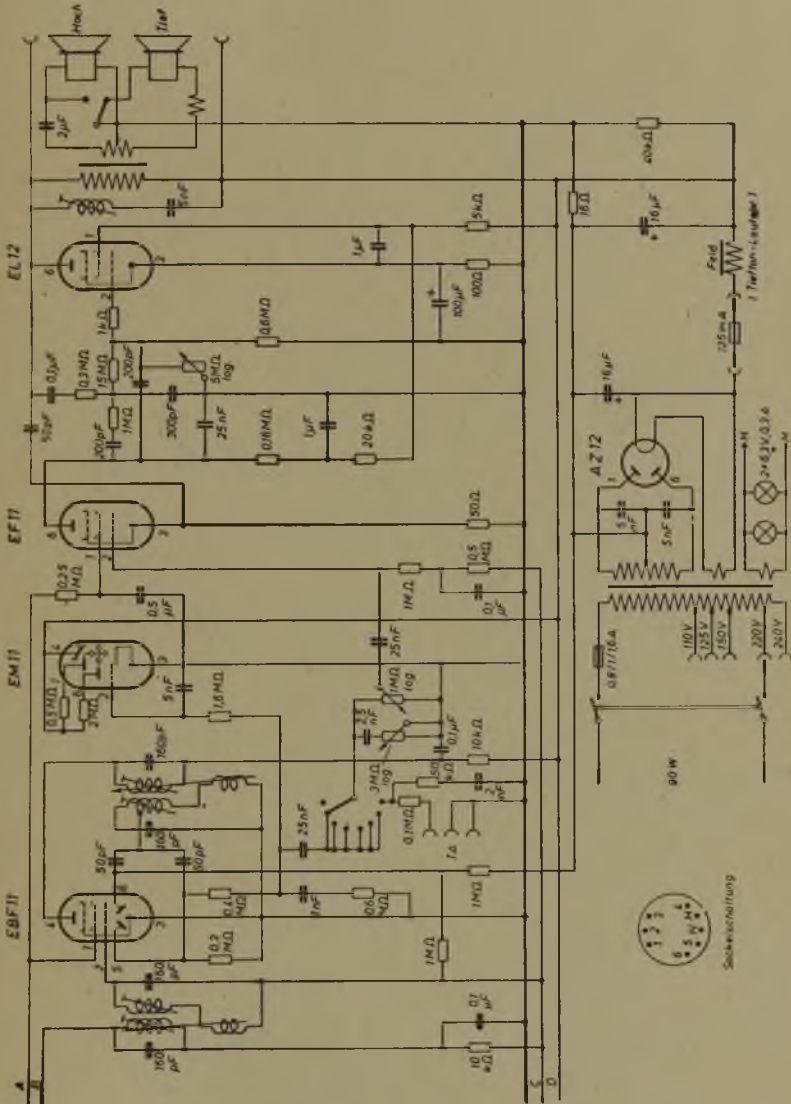


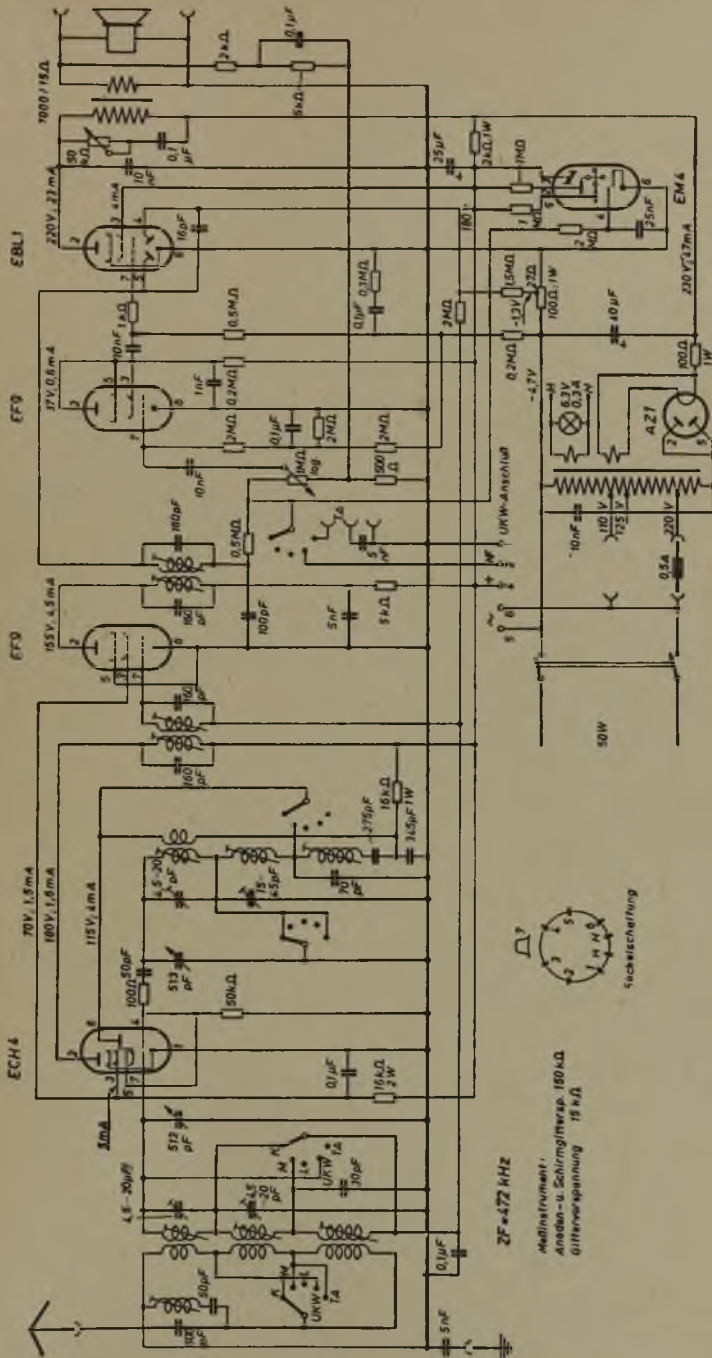
ECH2 (EFA2) EFA1 (EFA1) A247 (A247)
 SEITE 15/16

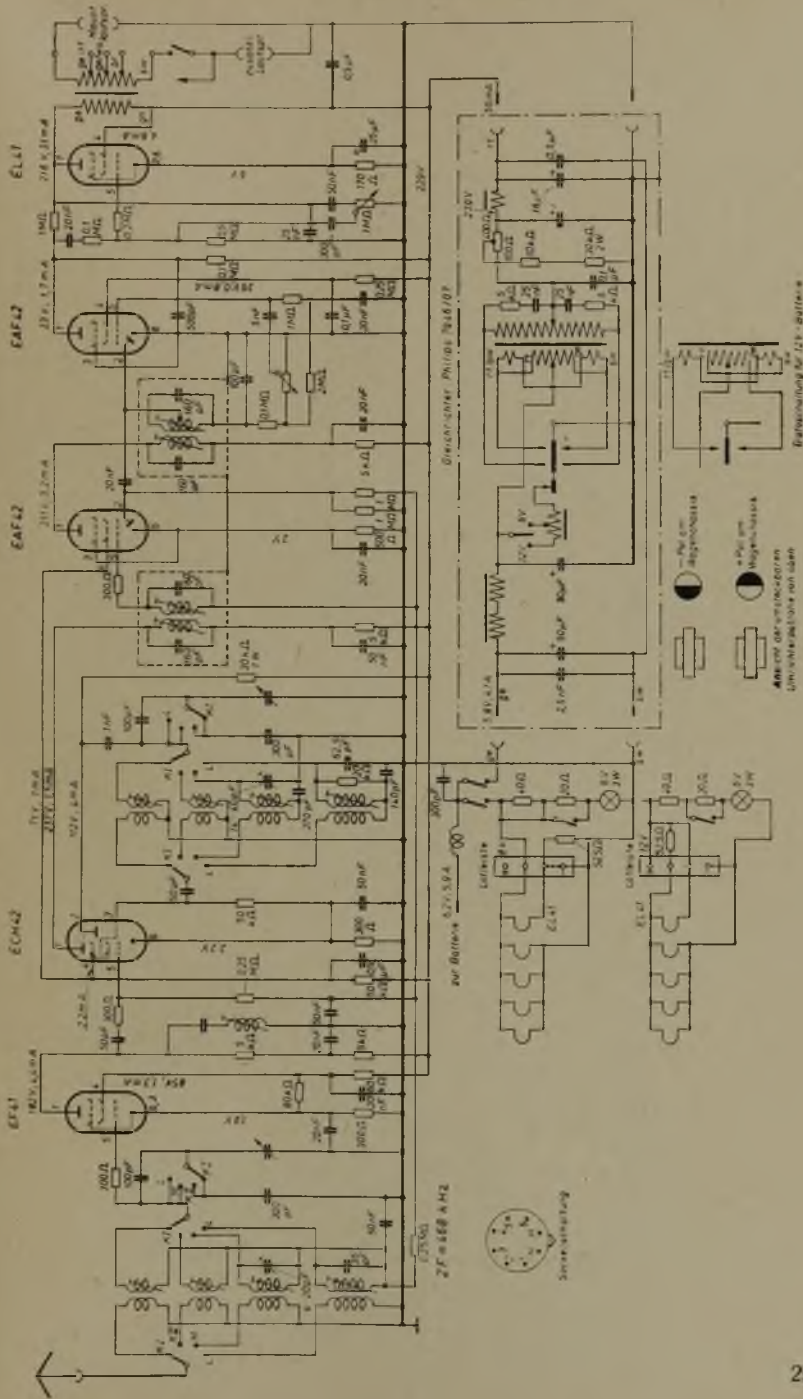
ZF 455 kHz u. 7 MHz
 * Aufdrucke für Abgleichung
 von Digital-ELF-Produktions



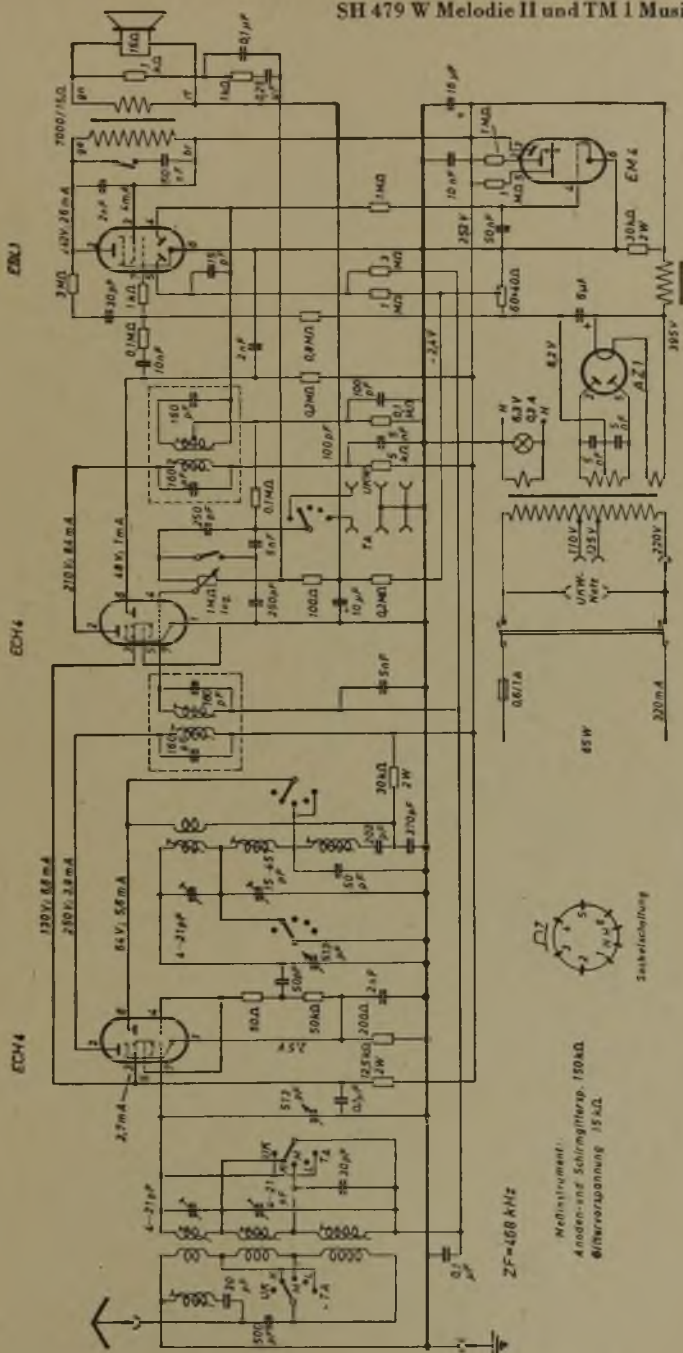
Siemens **SB 780 W** Schatulle und **SB 700 W**
 (rechte Seite des Schaltbildes)

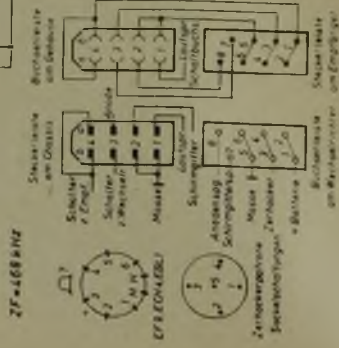
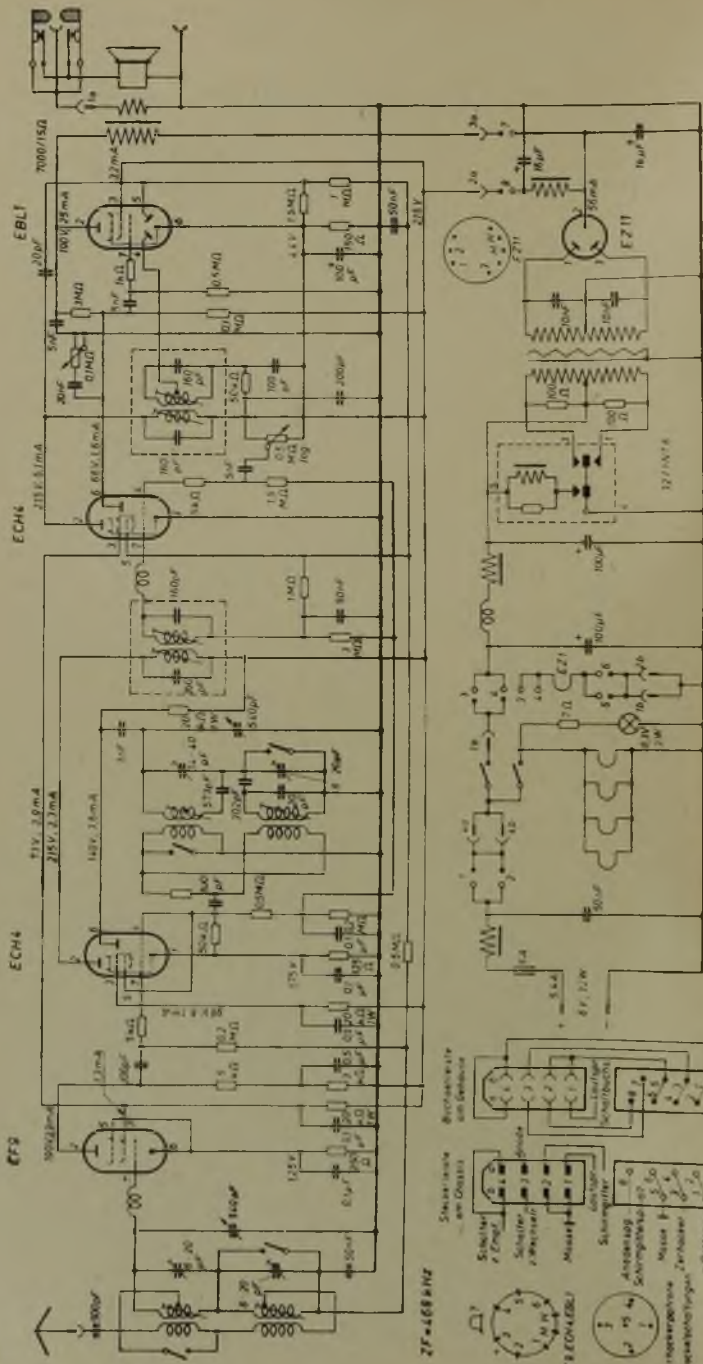




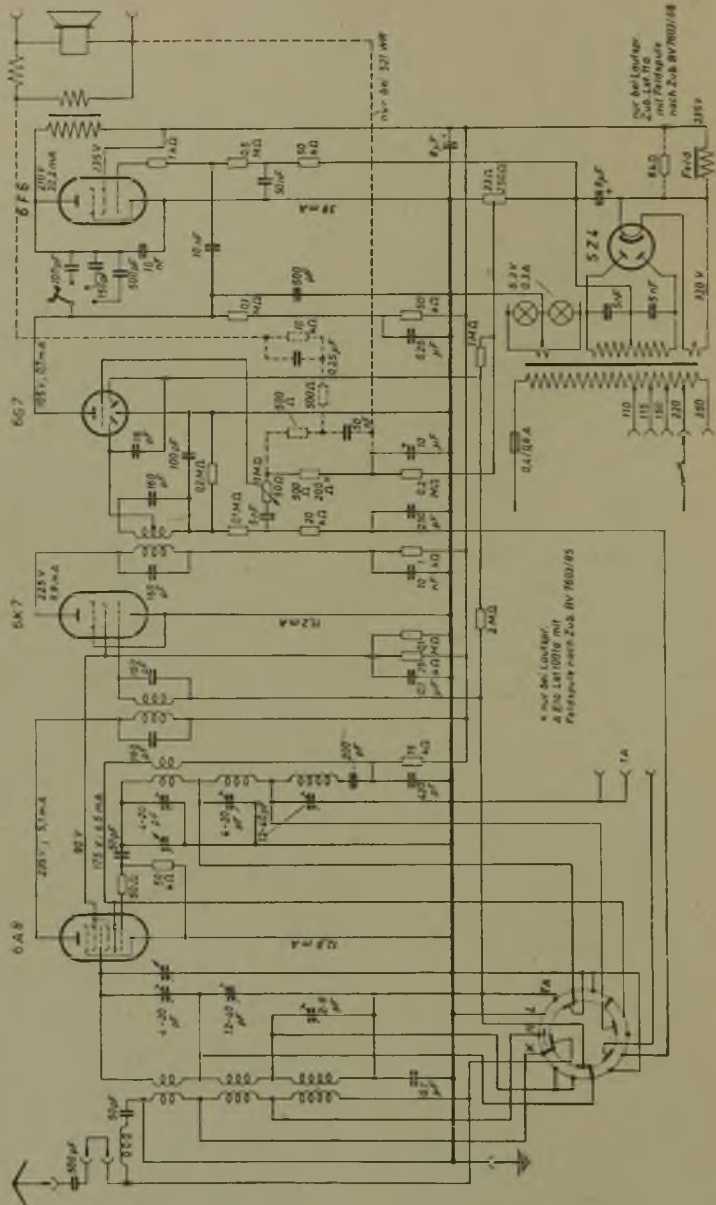


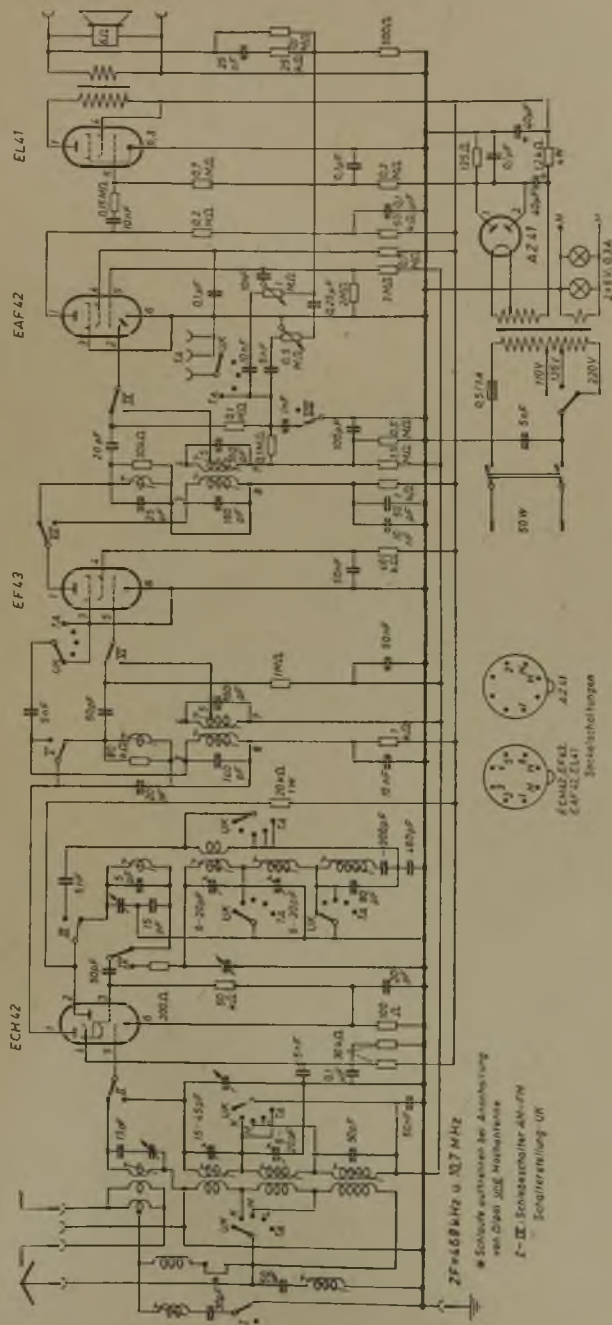
Siemens SH 598 W Symphonie
SH 479 W Melodie II und TM 1 Musiktube

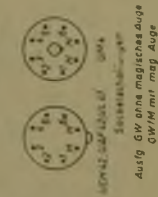
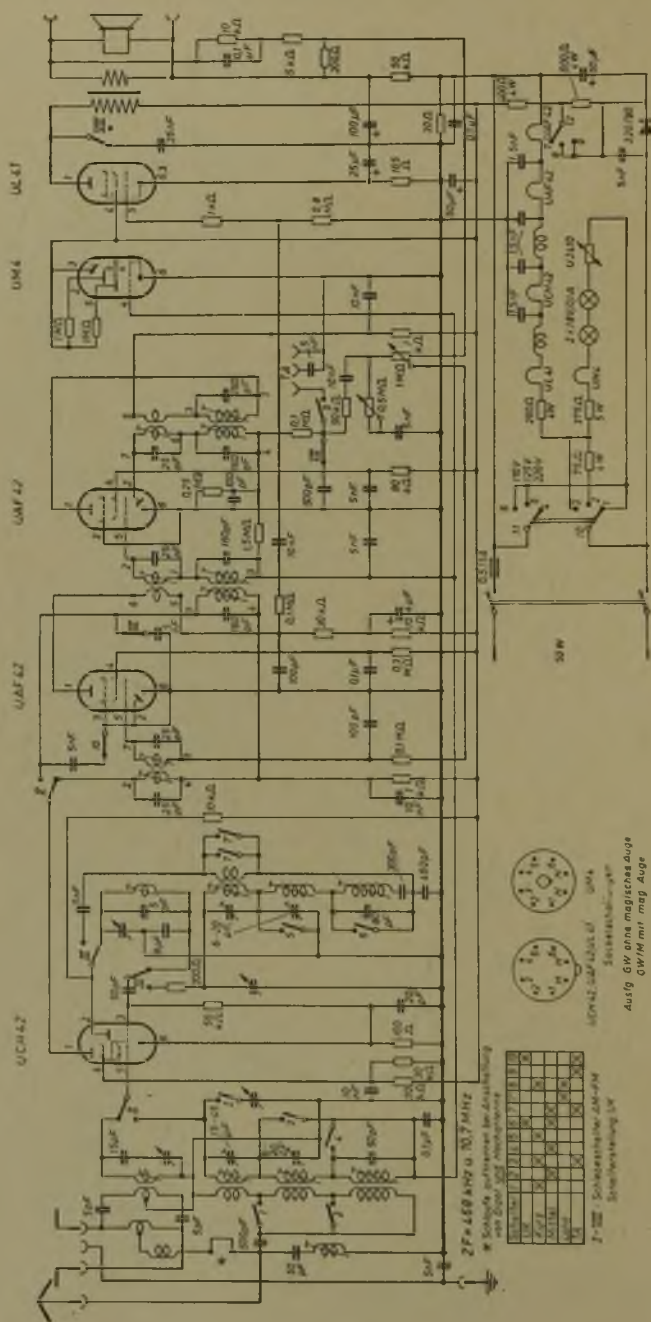




Multi-Element-Gruppe in Schirmgitter 100kΩ
Wähltrieb
111.5

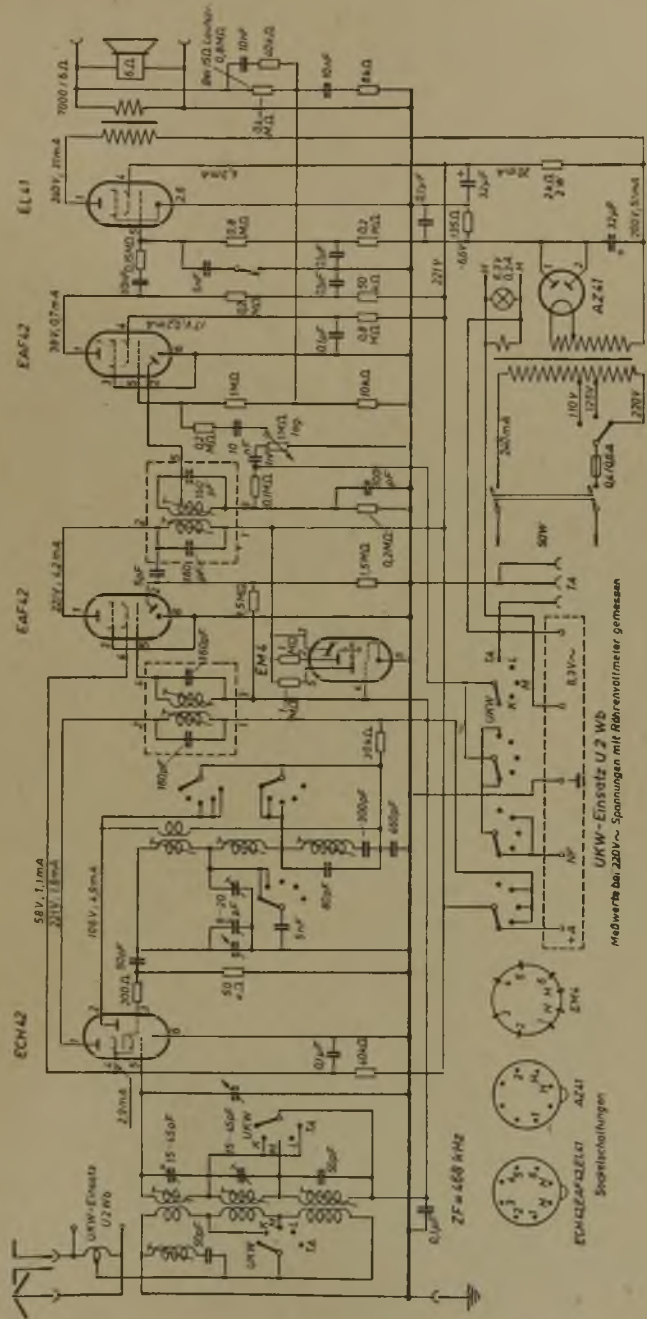




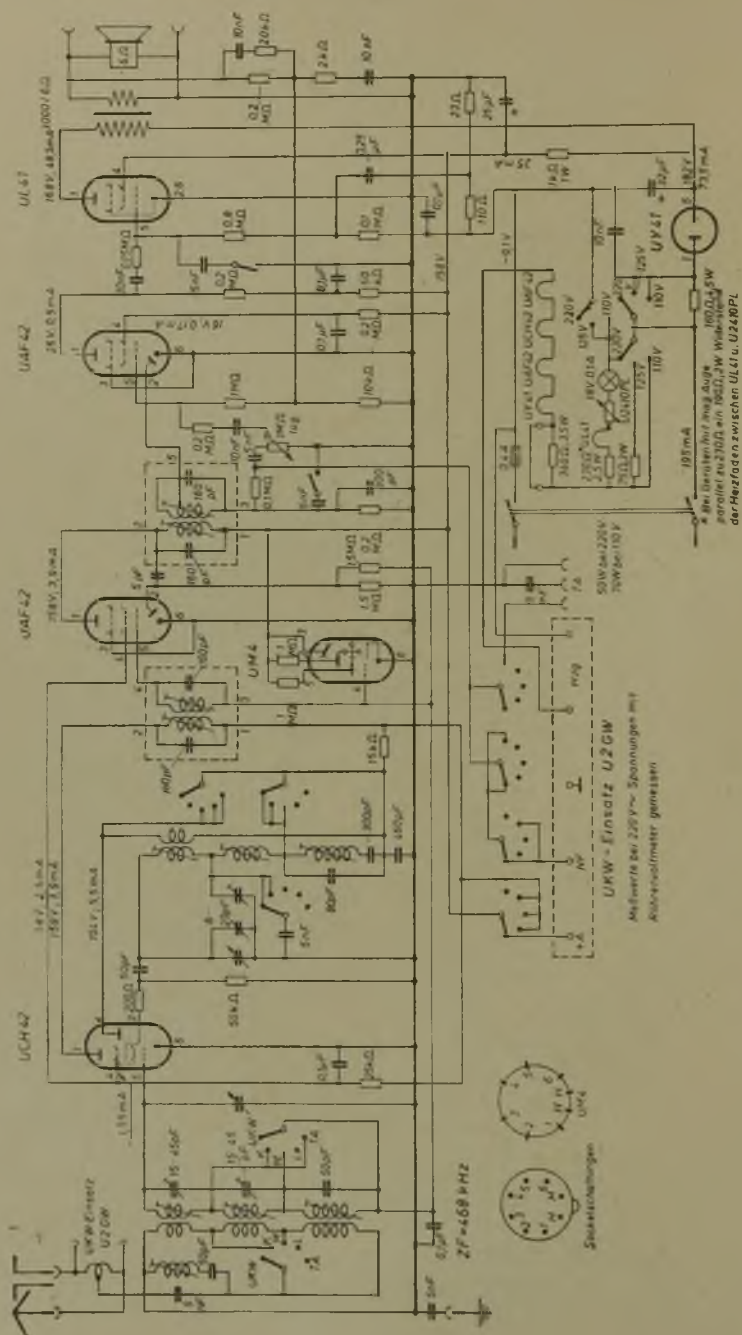


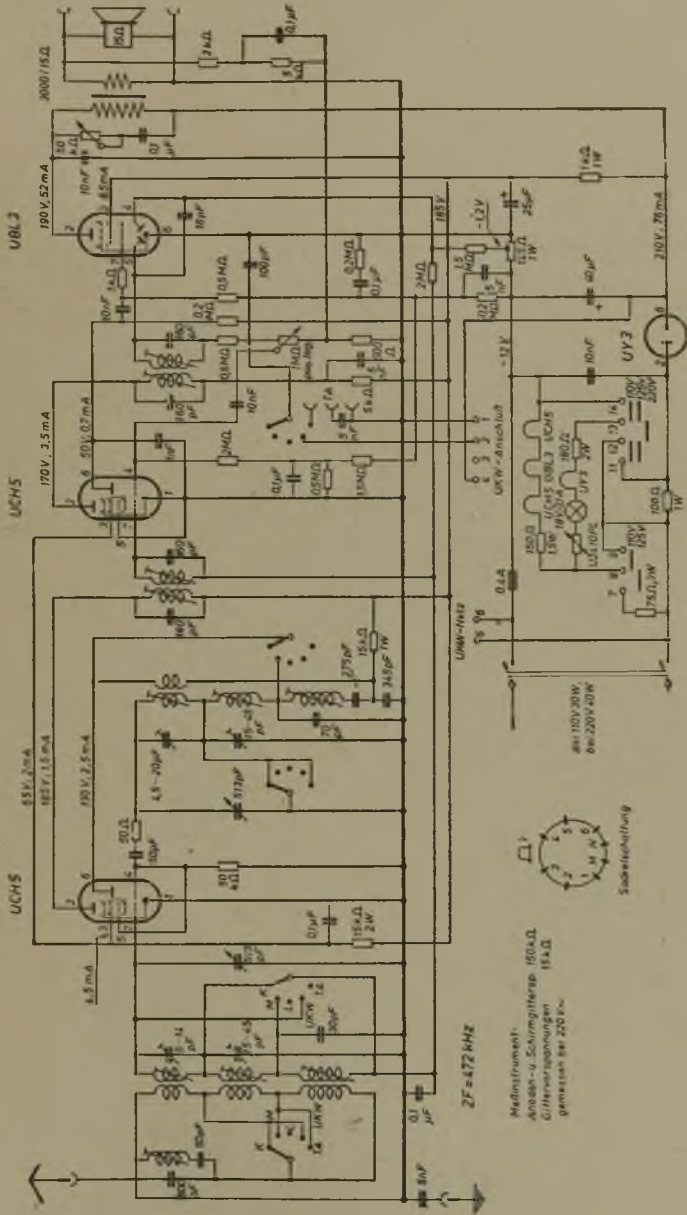
Ausg. GW ohne magisches Auge
 GW/M mit mag. Auge

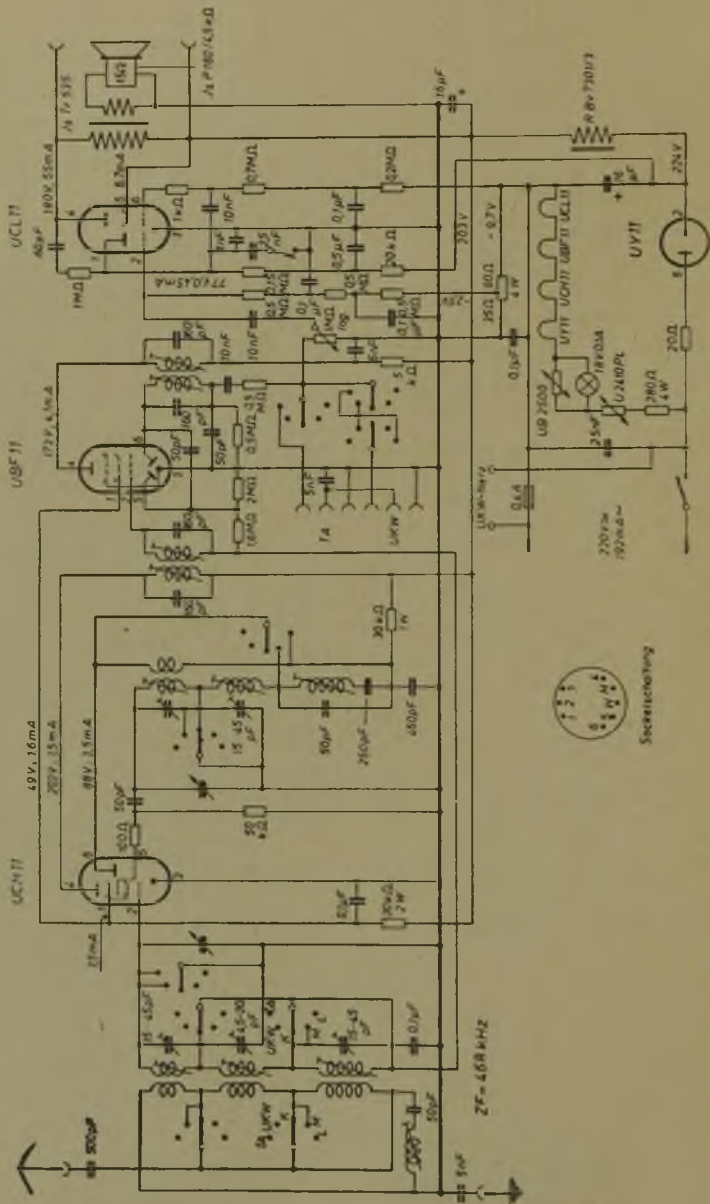
Siemens SB 502 W Spezialsuper 51



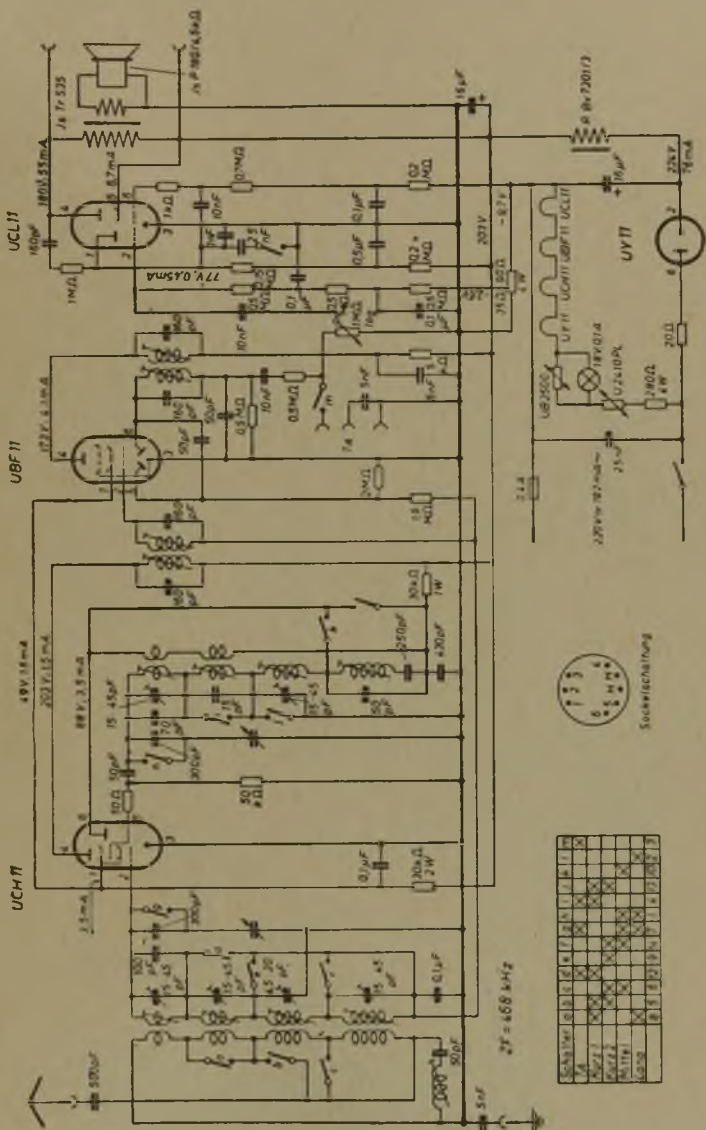
Siemens SB 502 GW Spezialsuper 51







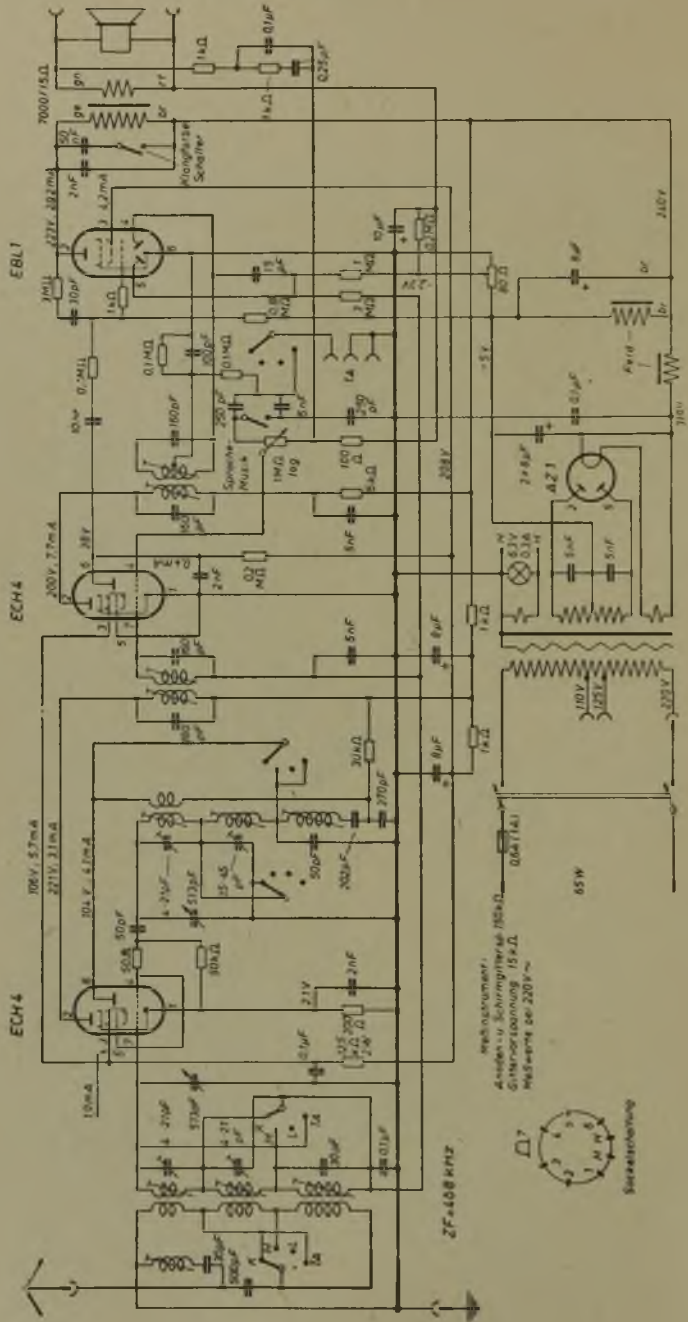
Sockelanschl.

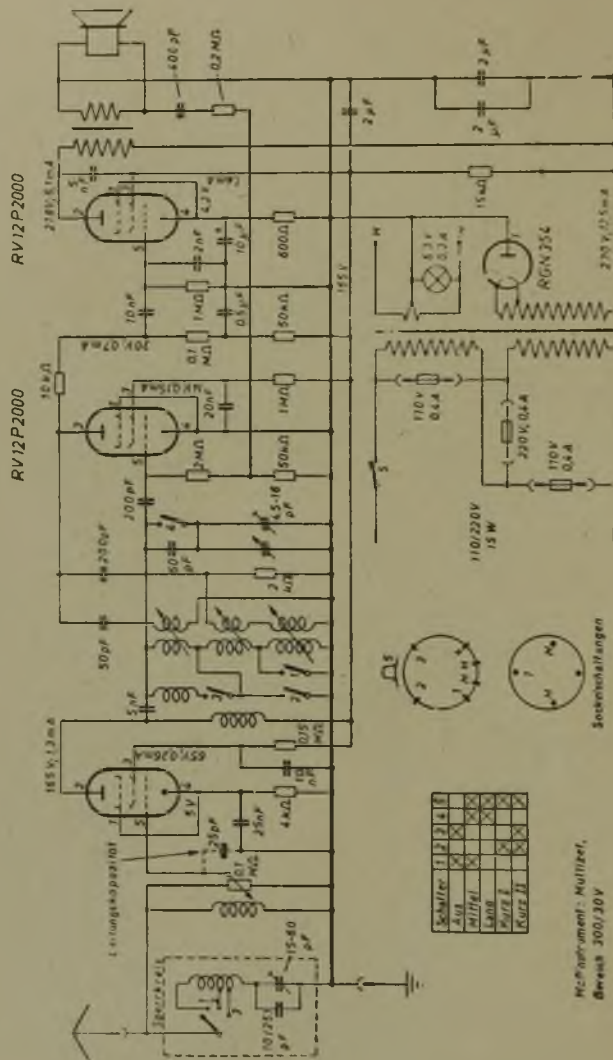


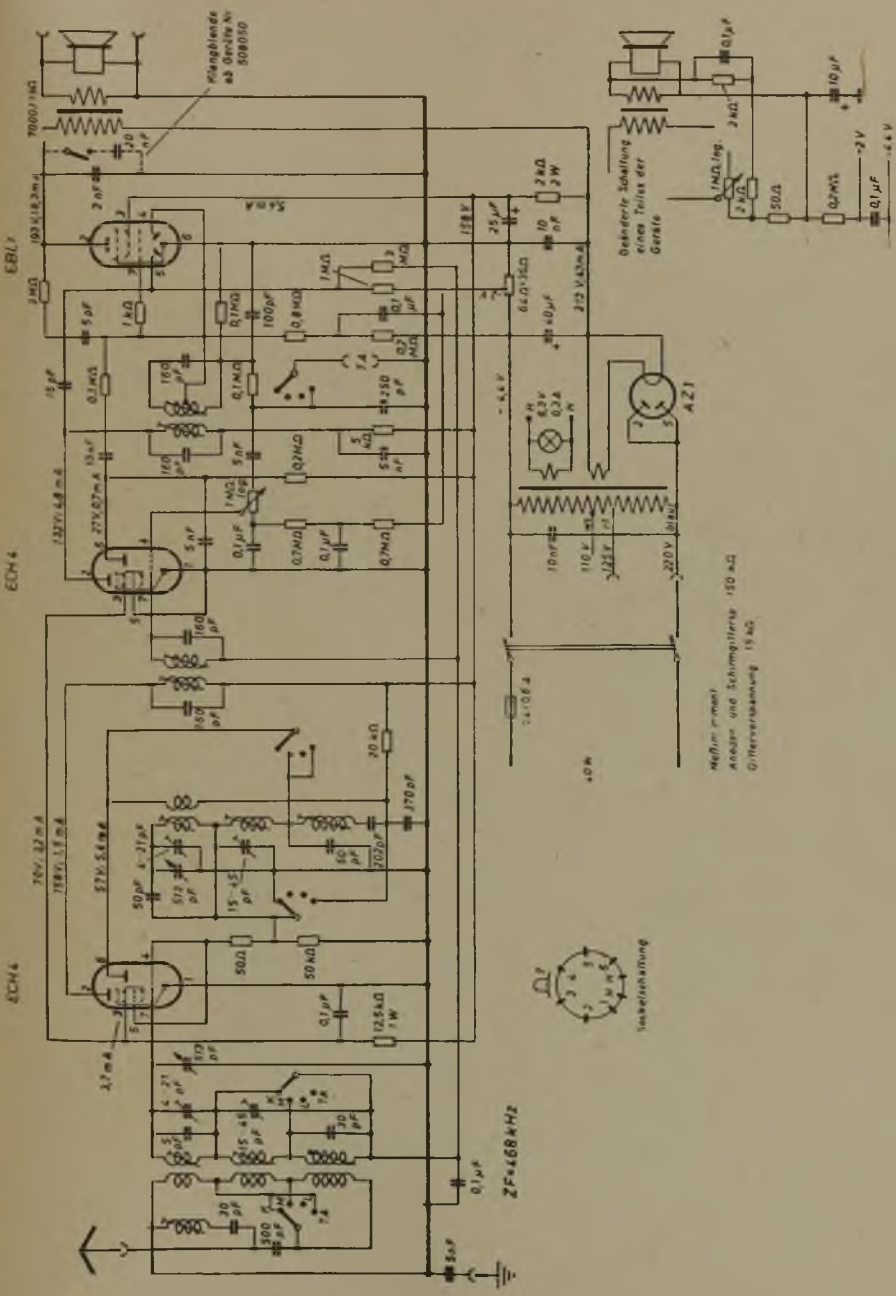
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13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93	94	95	96
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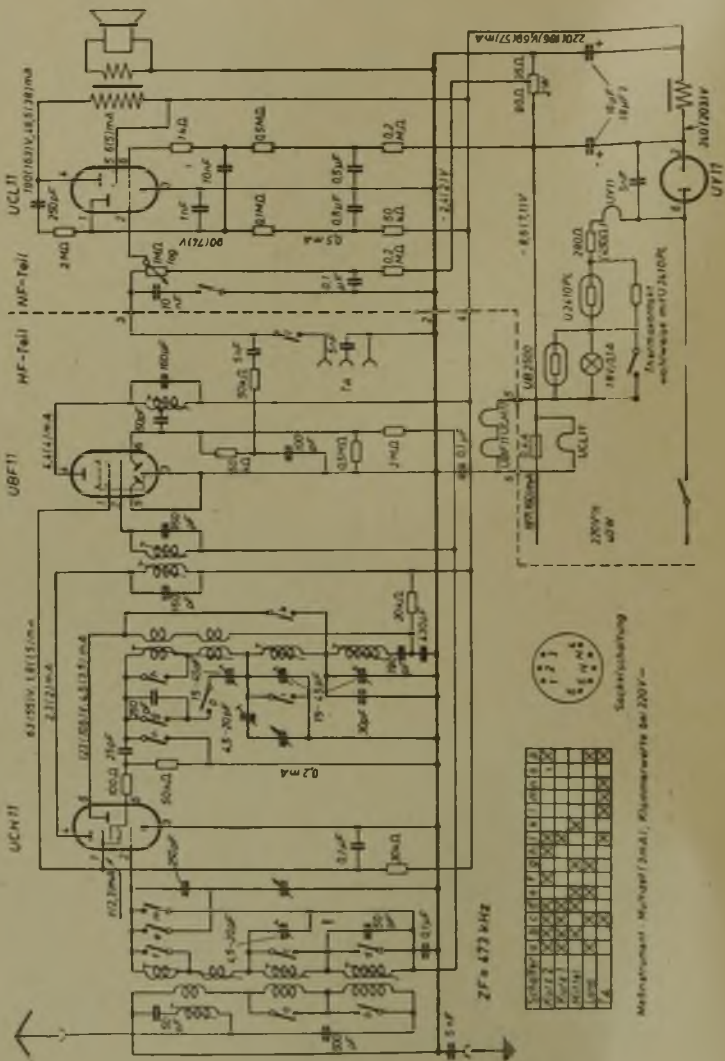
Suchschaltung

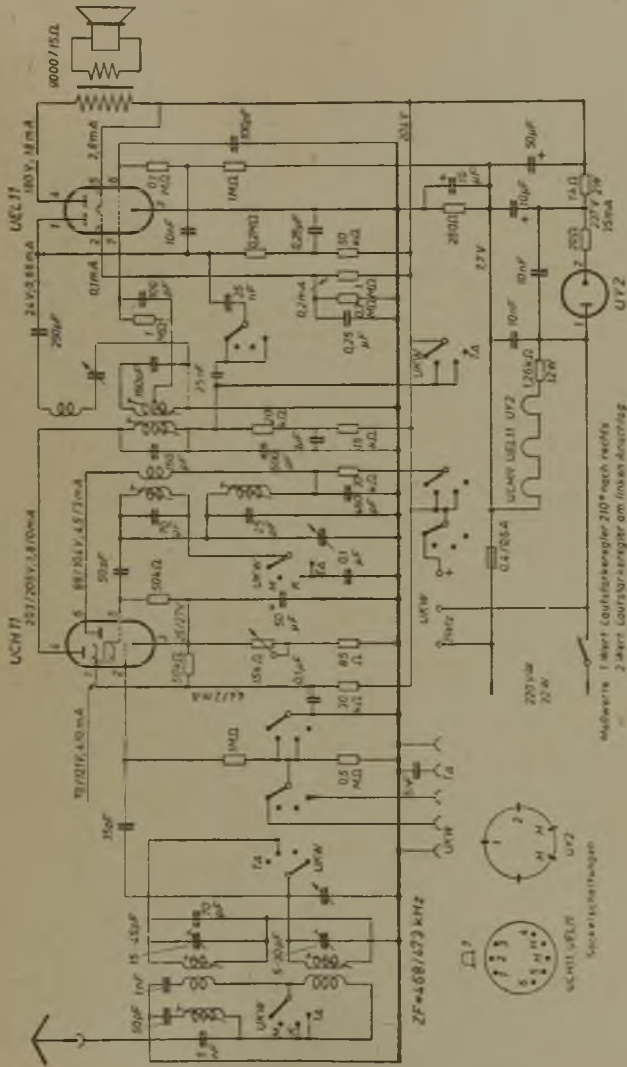


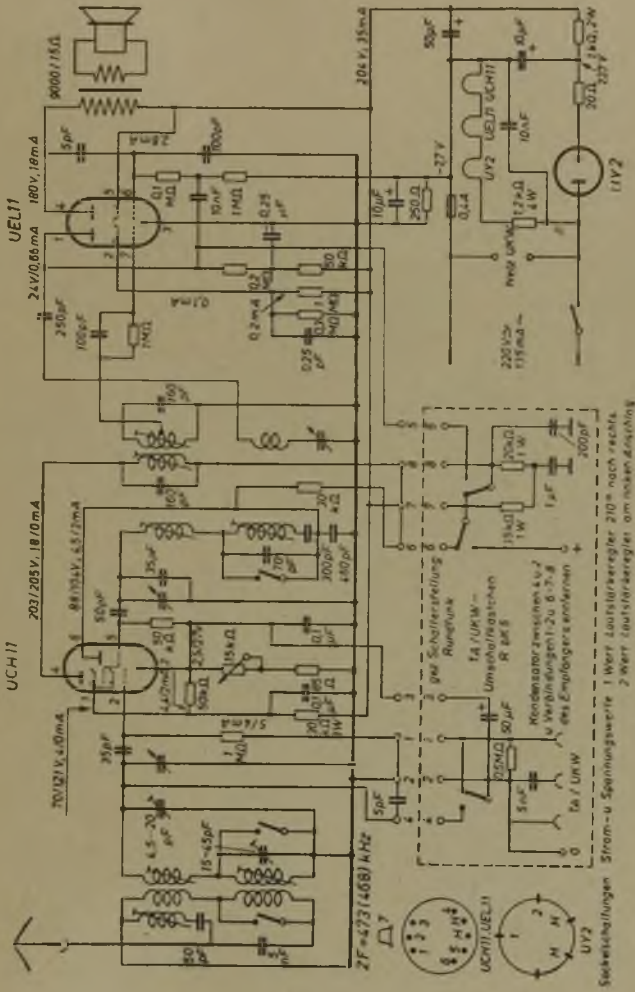


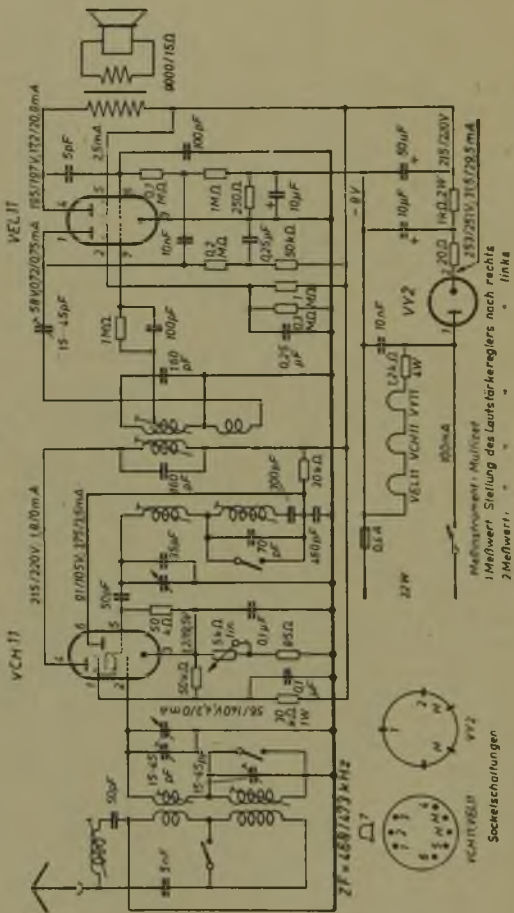


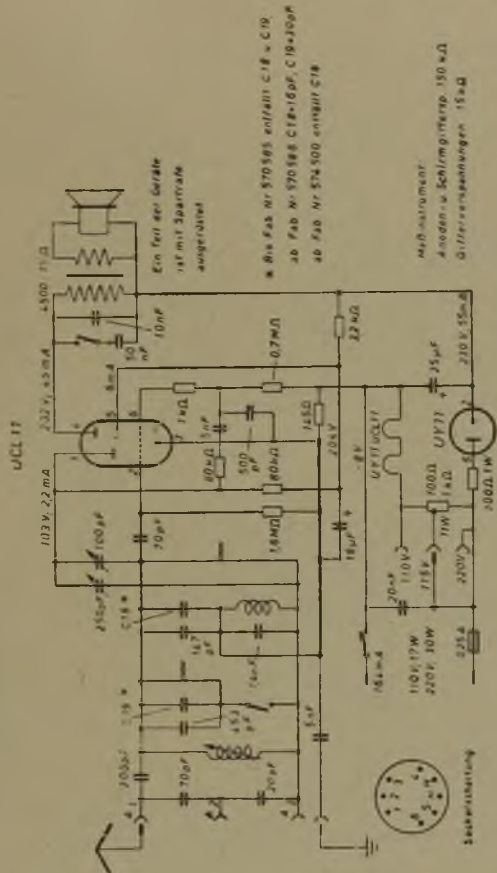


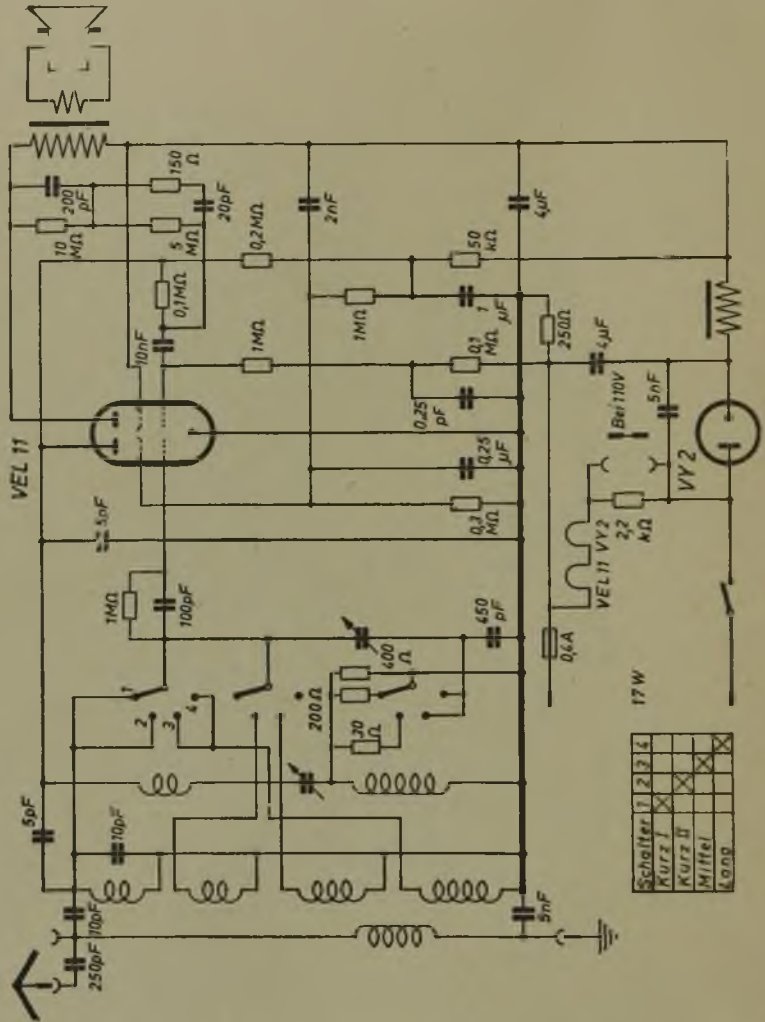




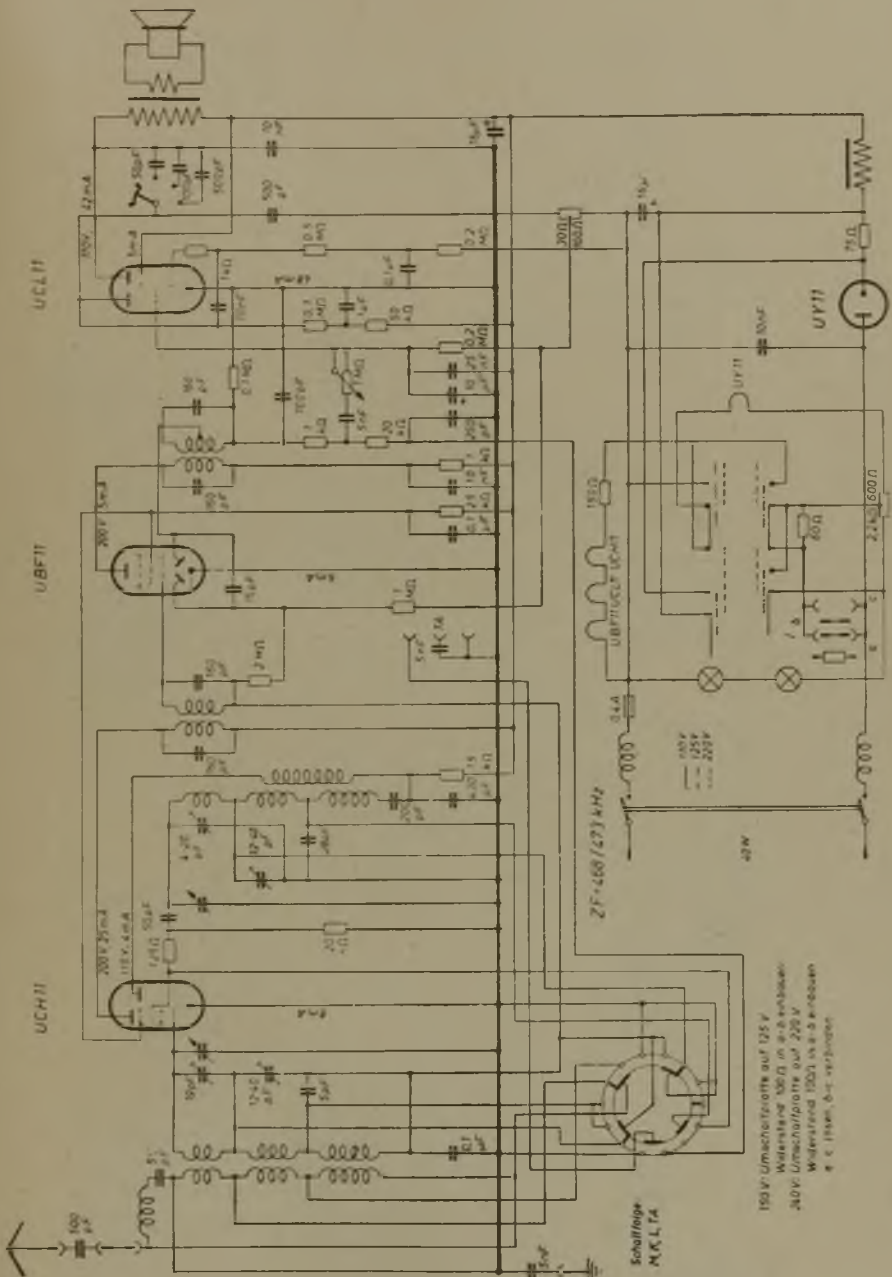




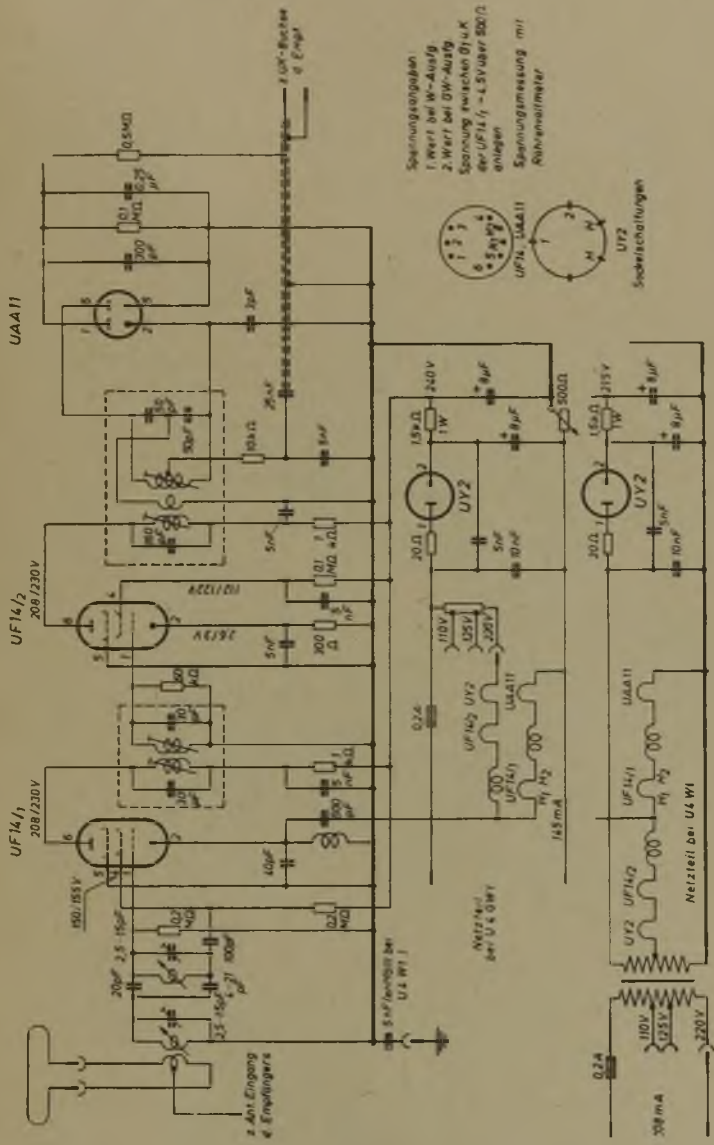




Schalter	1	2	3	4
Kurz I		X		
Kurz II			X	
Mittel				X
Long				

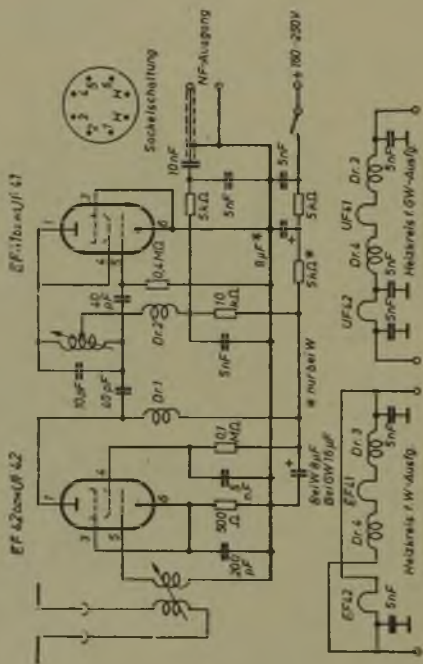


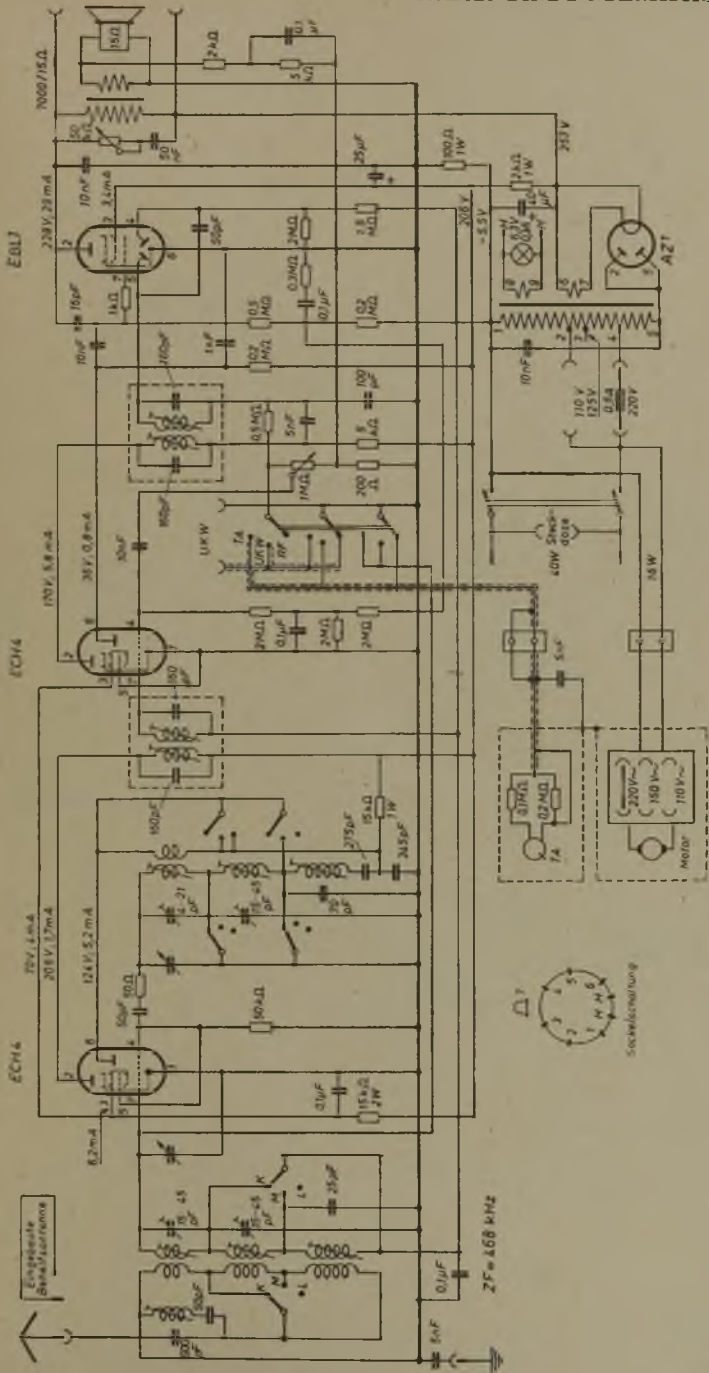
Siemens U4 Wt und U4 GWt (UKW-Einsatz)

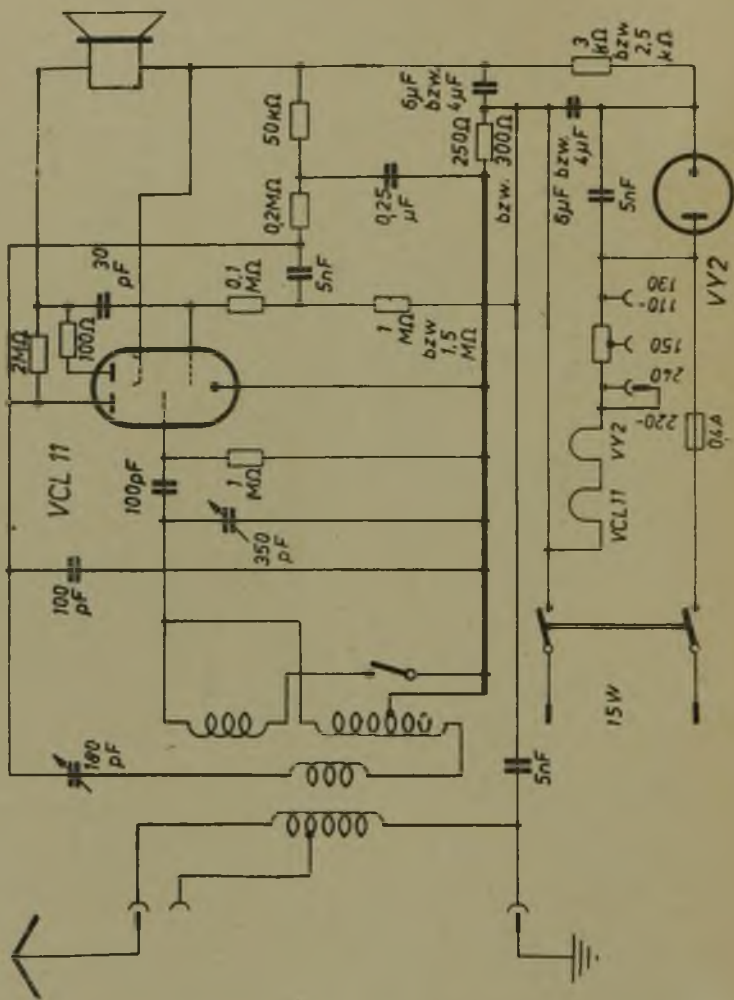


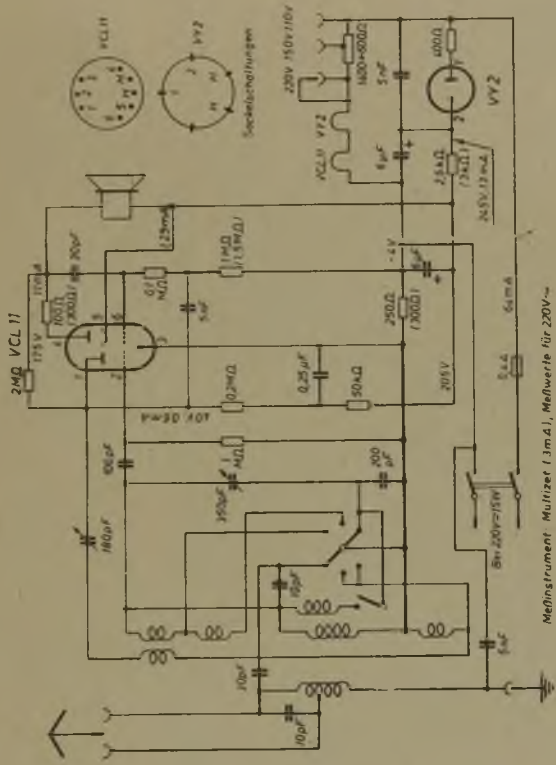
- Spannungsgaben:**
- 1 Wert bei W-Ausg.
 - 2 Wert bei GW-Ausg.
- Spannung weichen 8% u. K
bei UF14₁ -LS-Varier 800Ω
einlegen
- Spannungsmessung mit
Röhrenvoltmeter



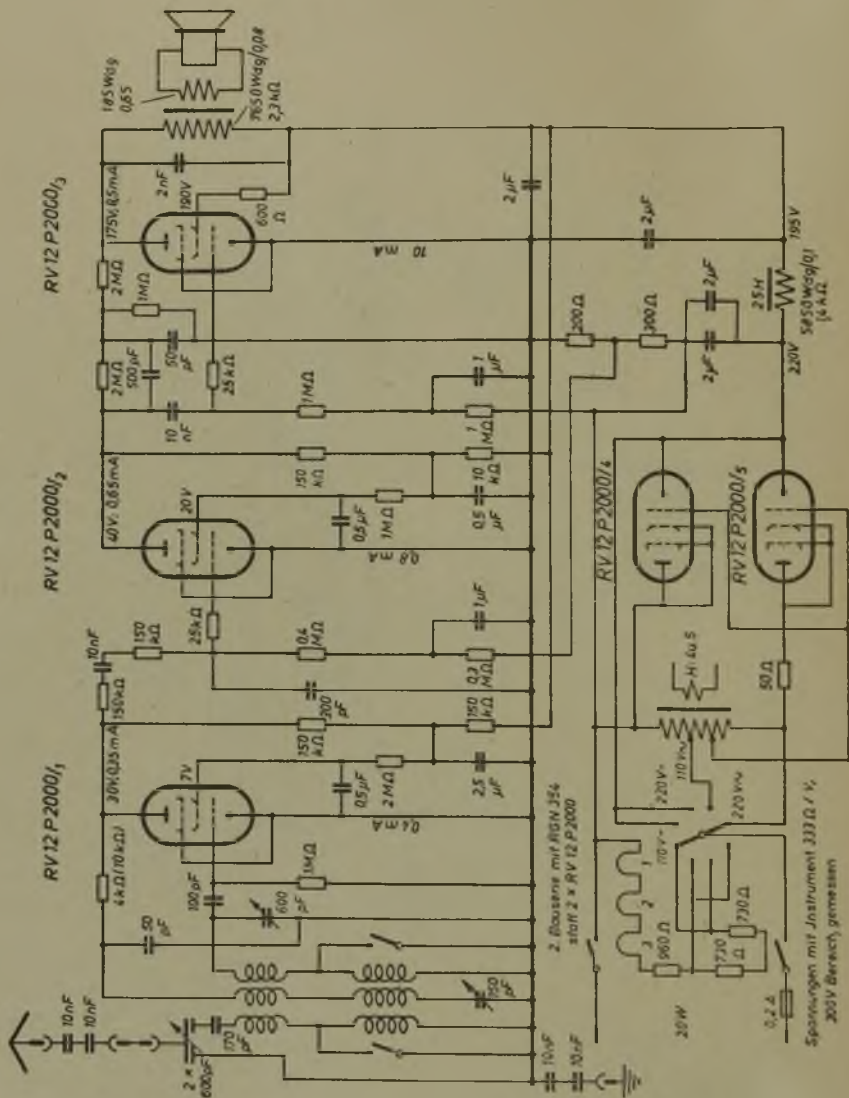


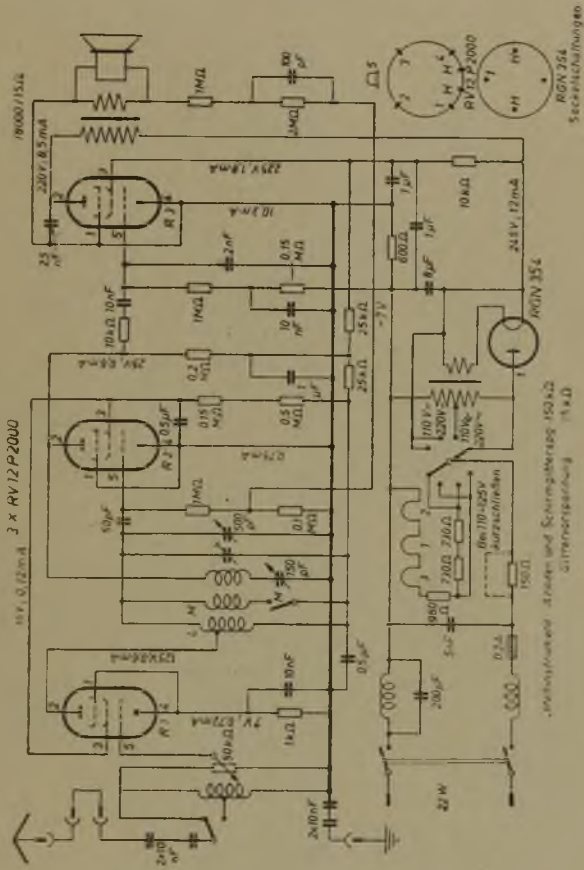


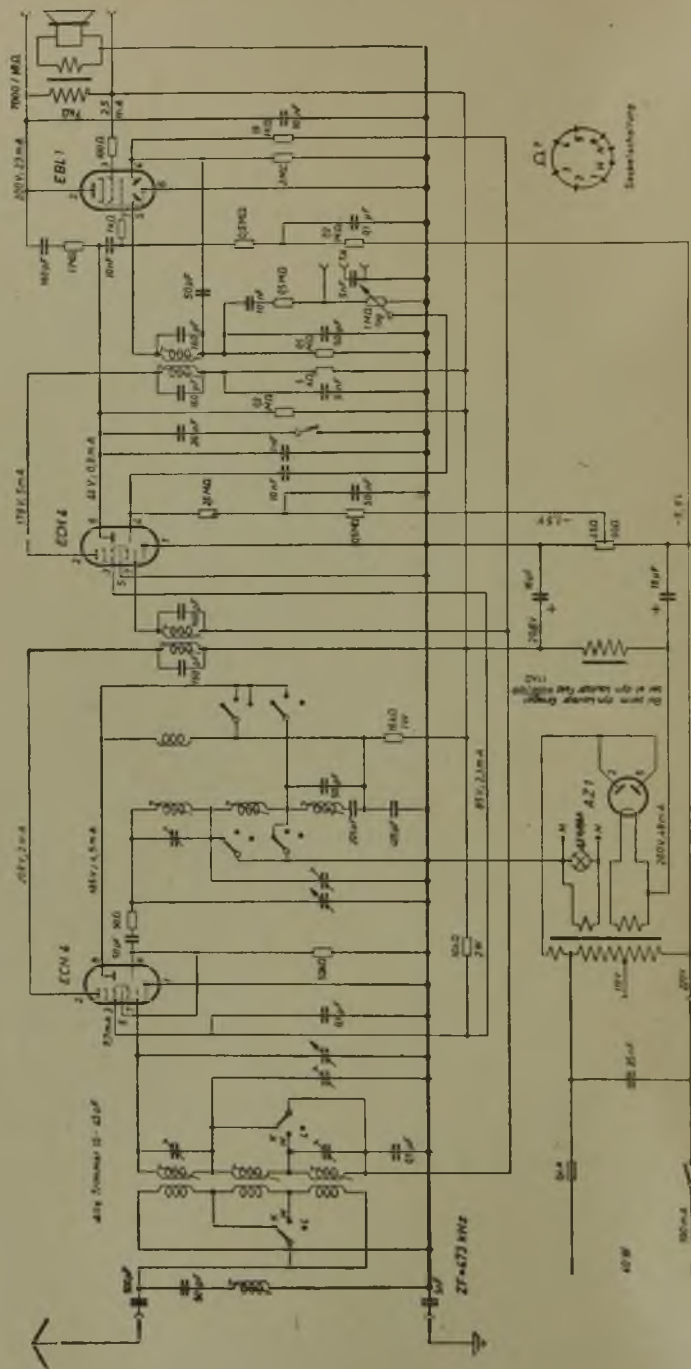




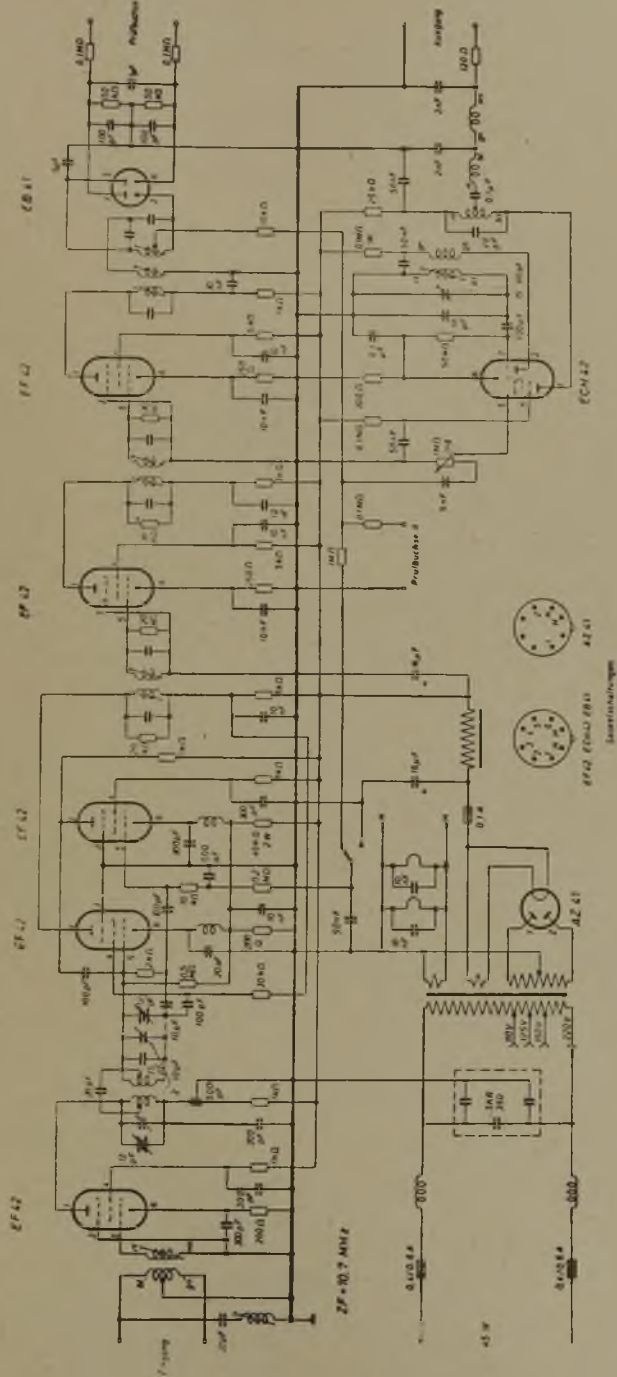
Meßinstrument Multizer (10mA), Meßwerte für 220V~







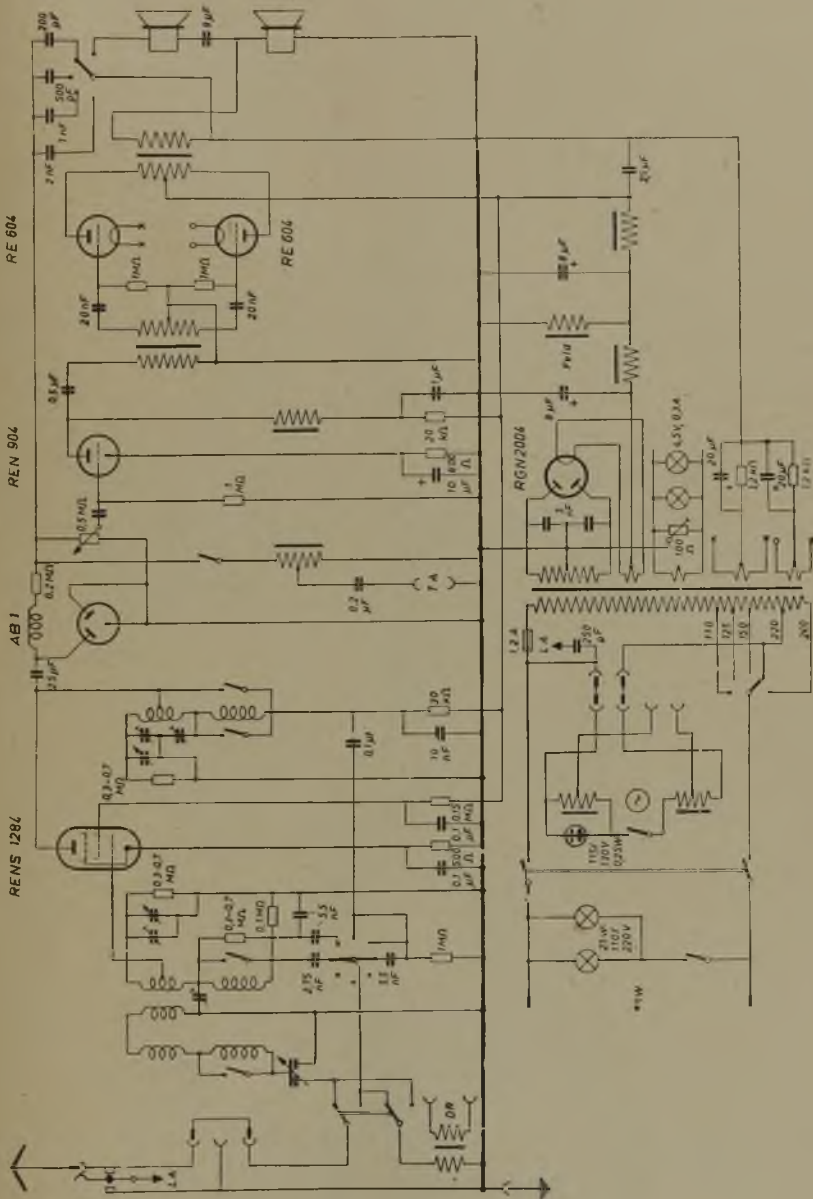
Siemens UKW-Antennenumsetzer SAV 306 W



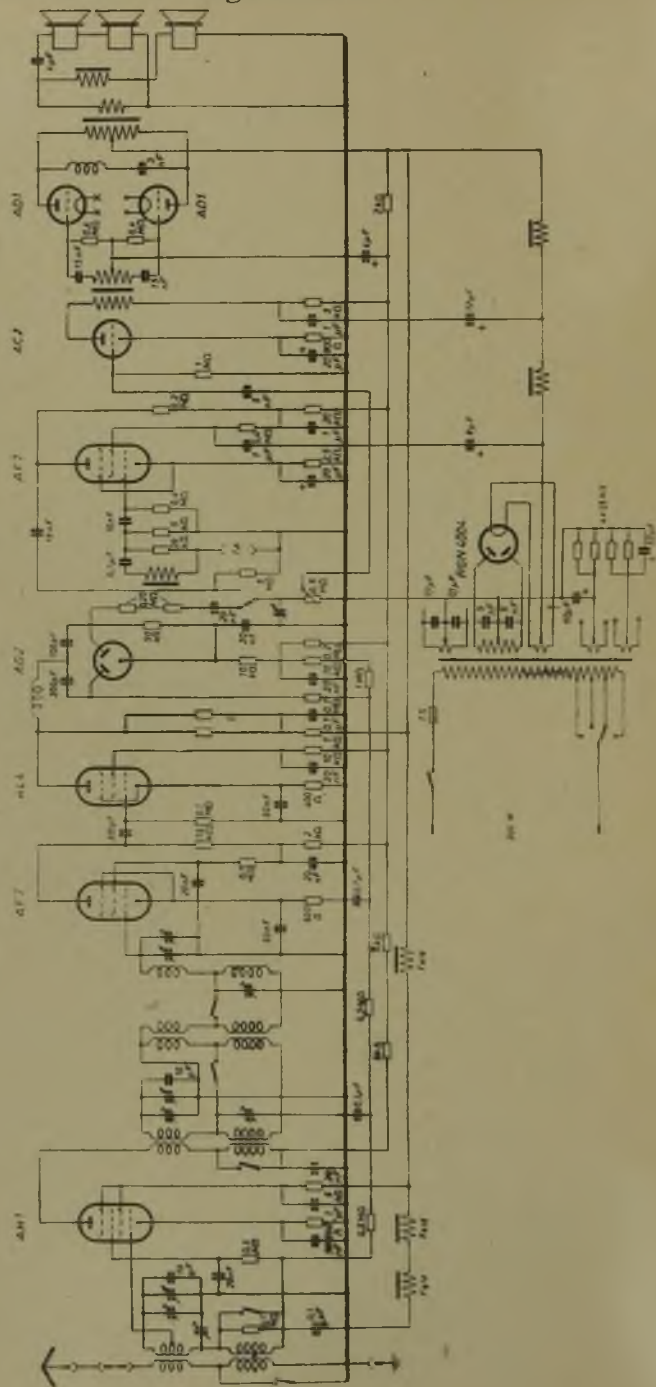
SIEMENS

(Produktion vor 1945)

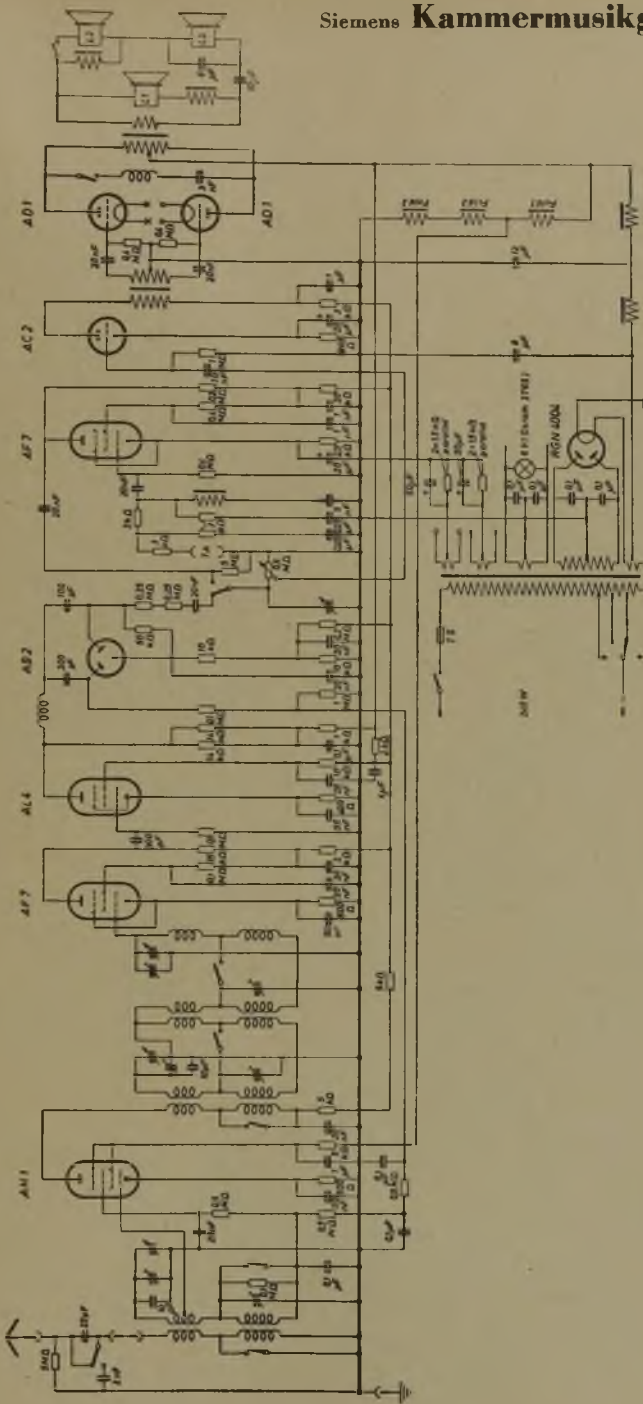
Siemens Kammermusikgerät I und 545 W



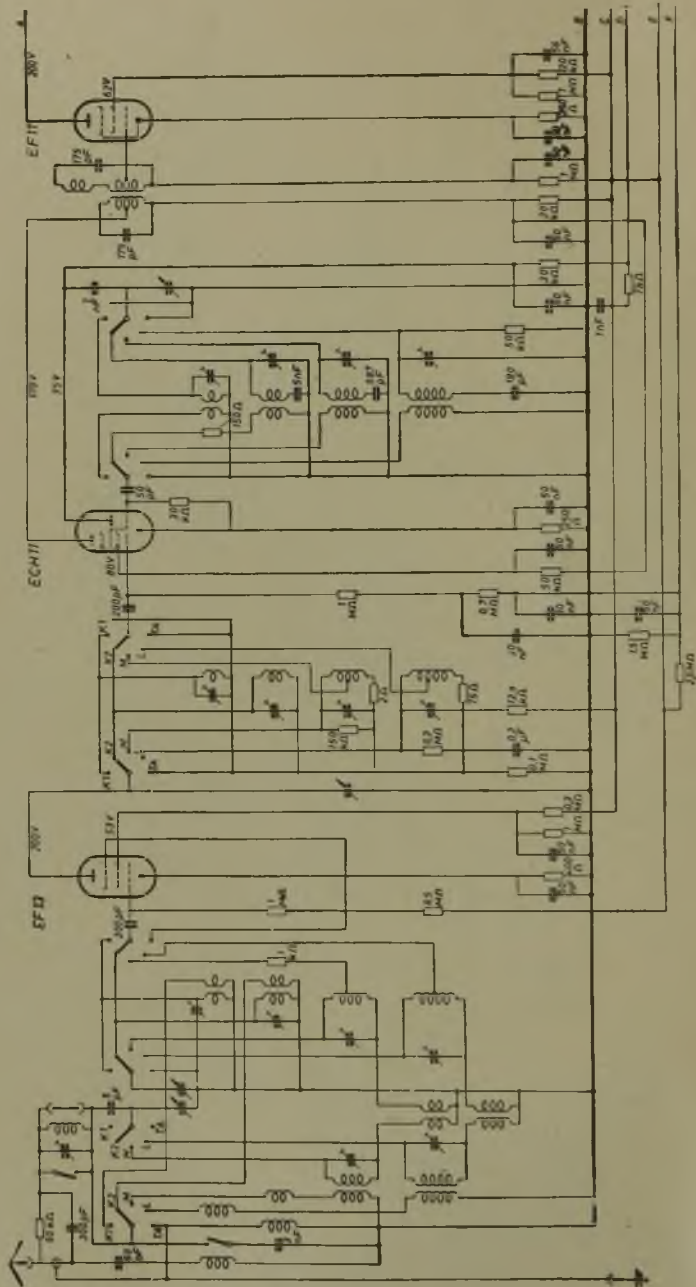
Siemens Kammermusikgerät II



Siemens Kammermusikgerät III

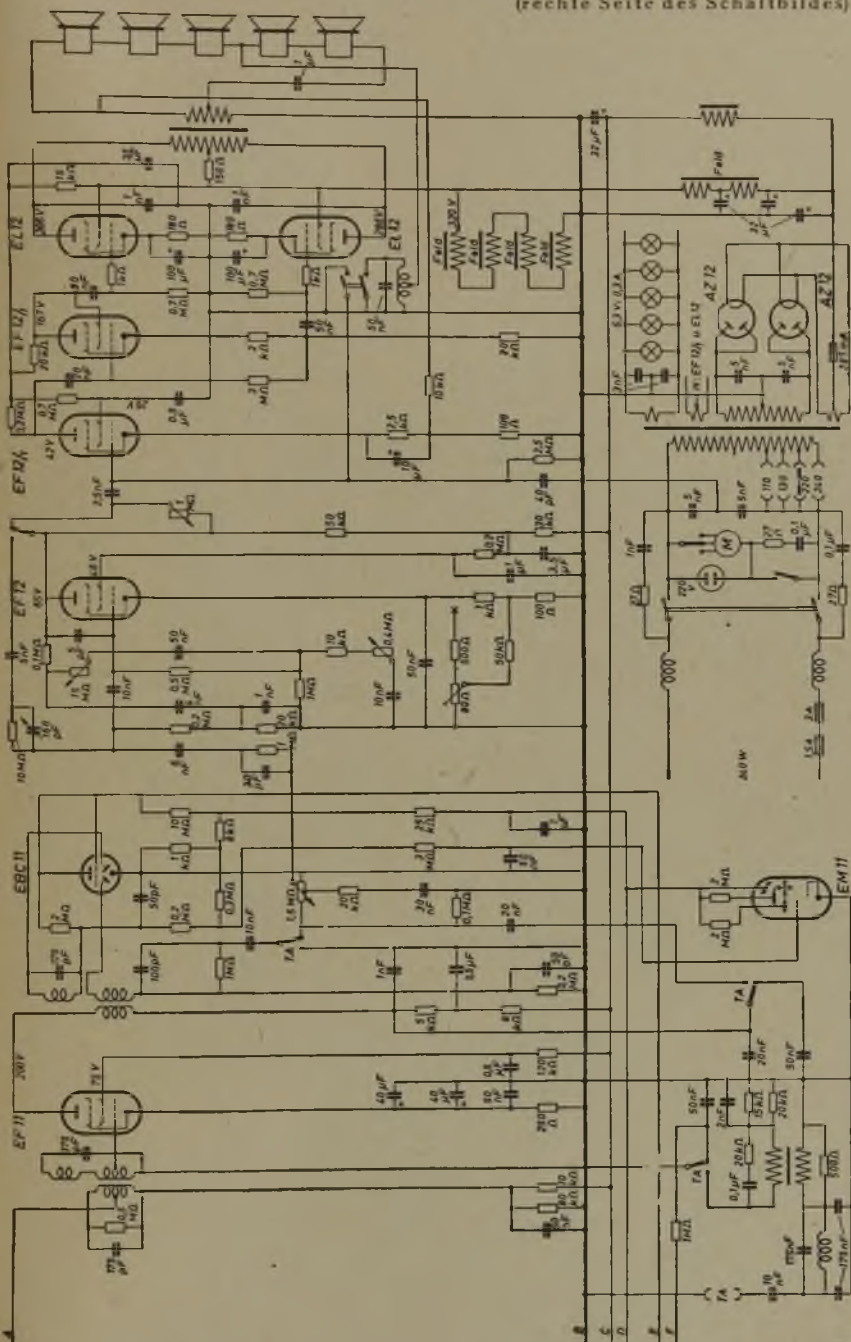


Siemens **Kammermusikgerät IV** (Serie A)
 (linke Seite des Schaltbildes)

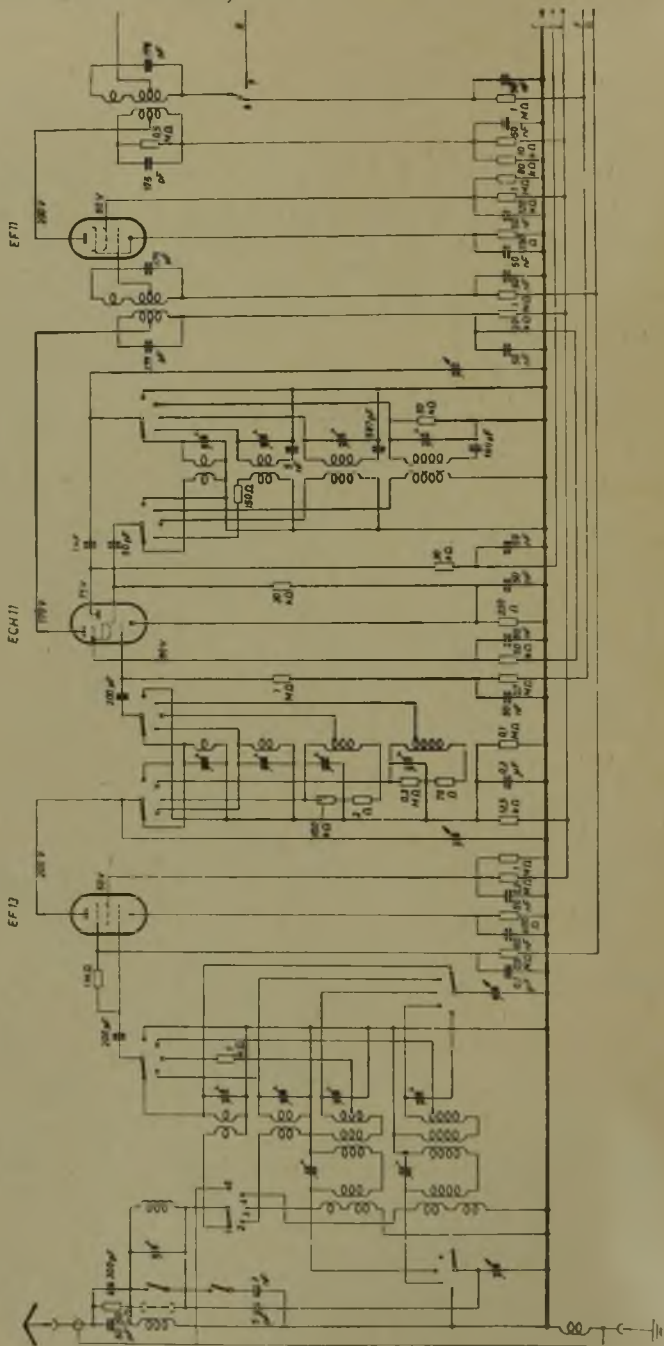


ZF-468 MHz

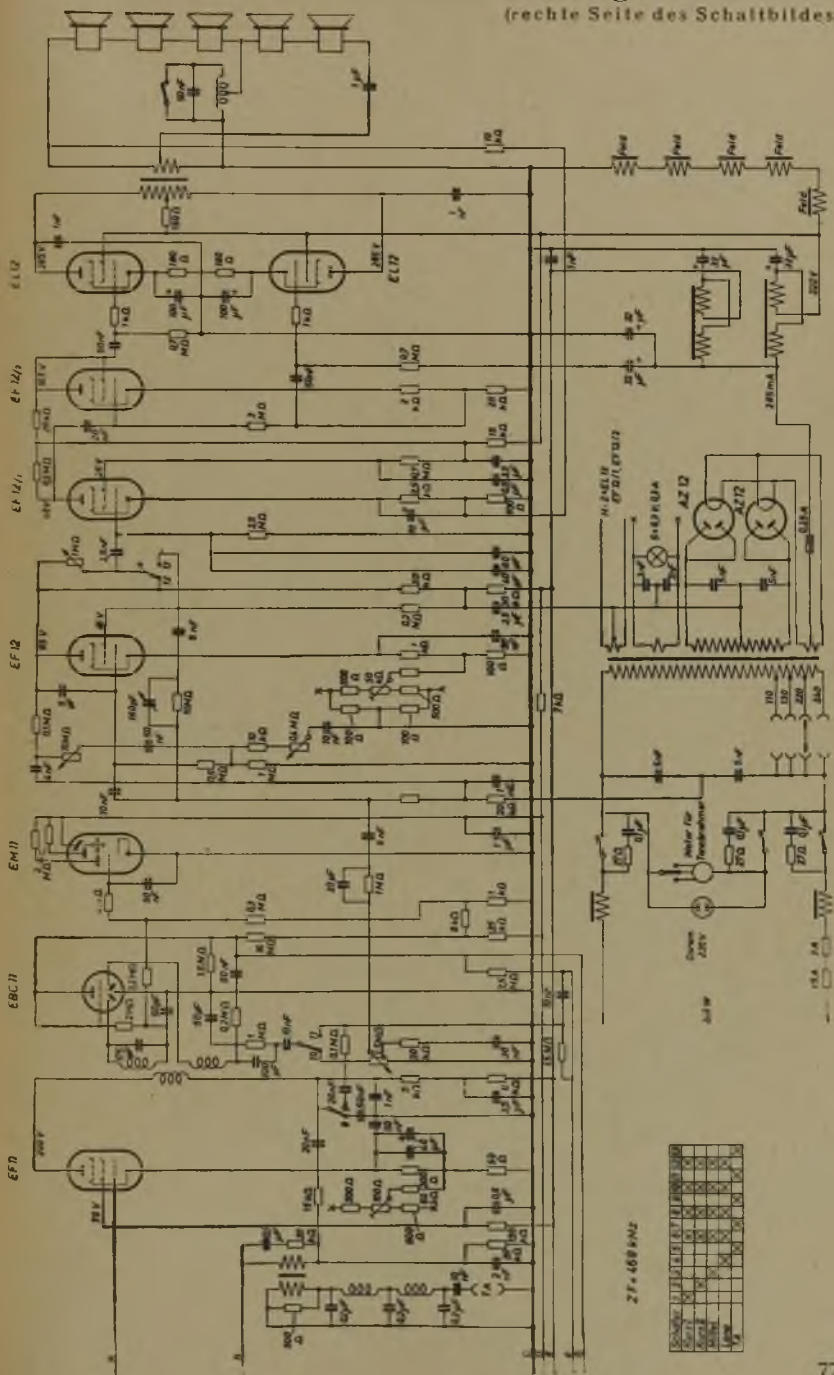
Siemens **Kammermusikgerät IV** (Serie A)
 (rechte Seite des Schaltbildes)



Siemens **Kammermusikgerät IV** (Serie B)
 (linke Seite des Schaltbildes)



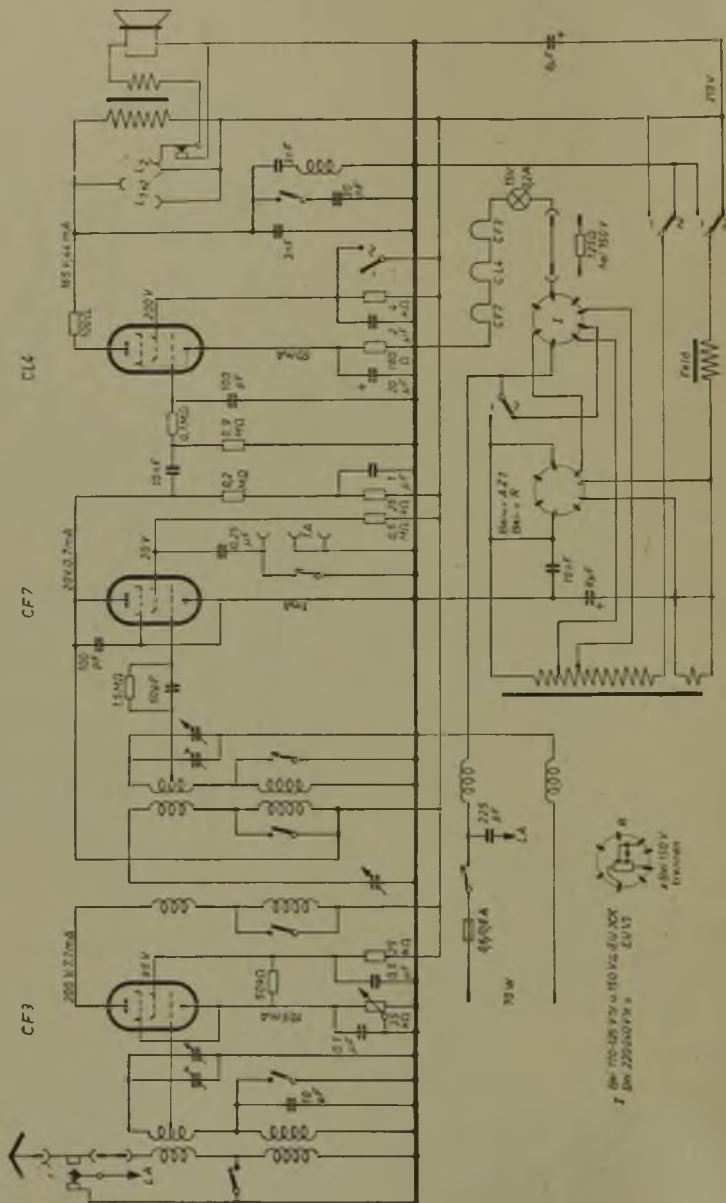
Siemens **Kammermusikgerät IV** (Serie B)
 (rechte Seite des Schaltbildes)

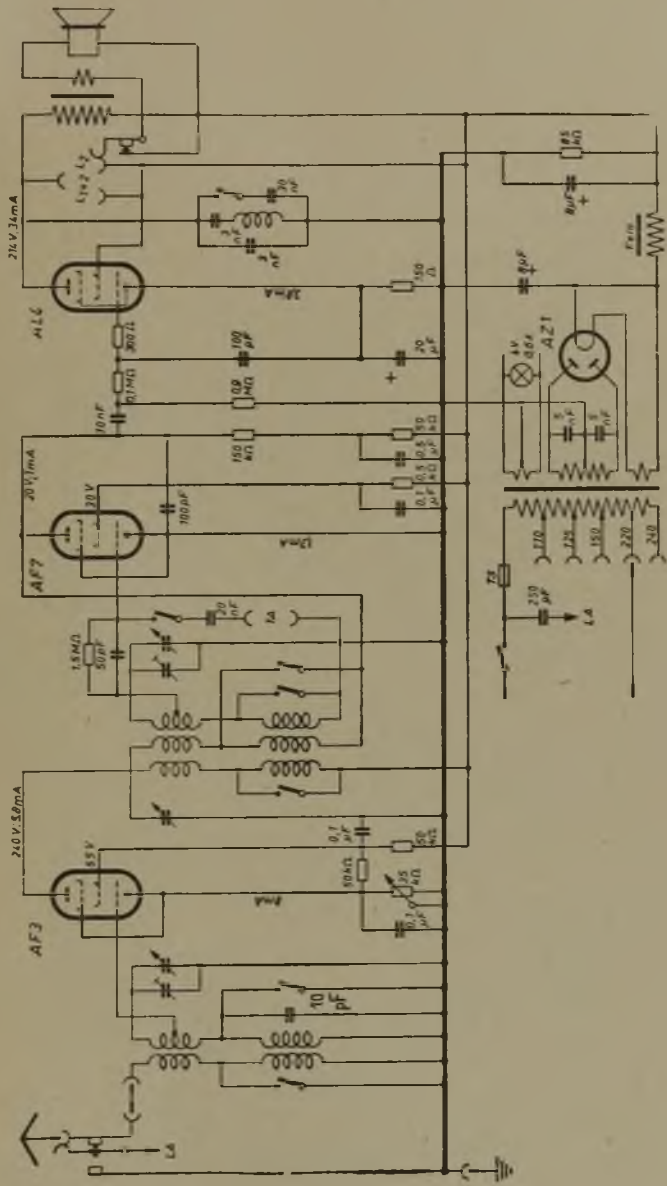


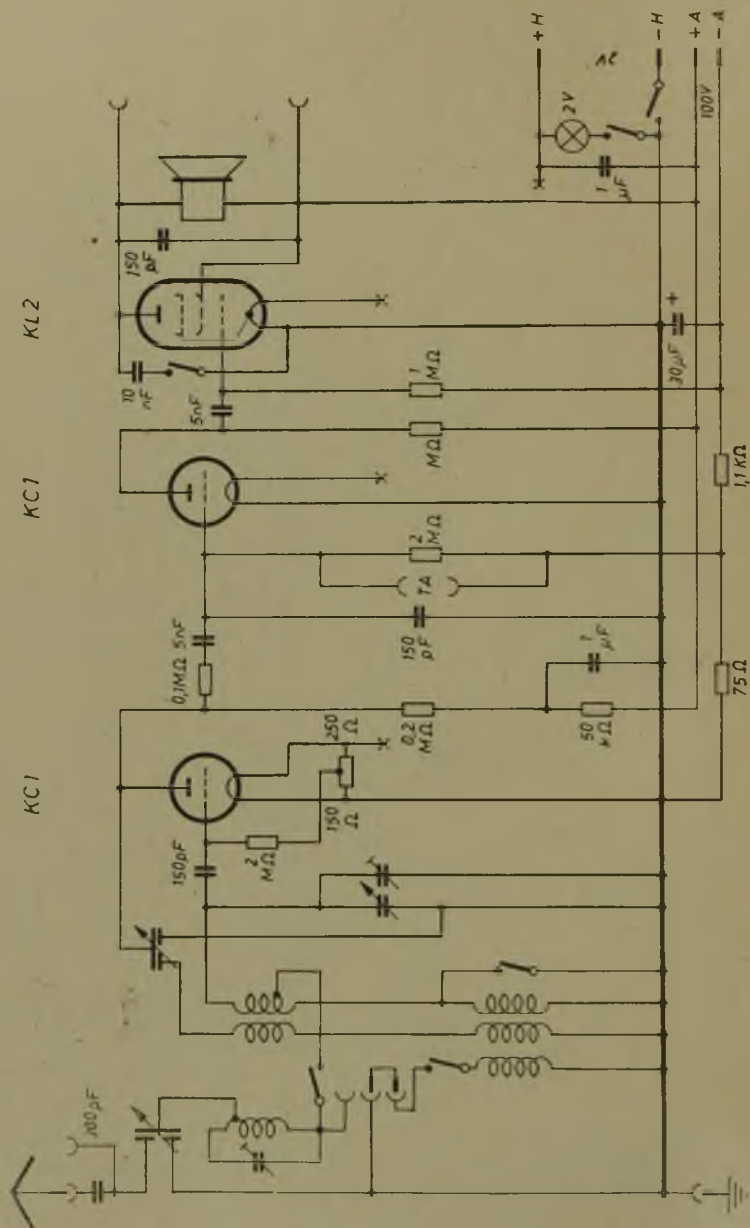
27 = 488 kHz

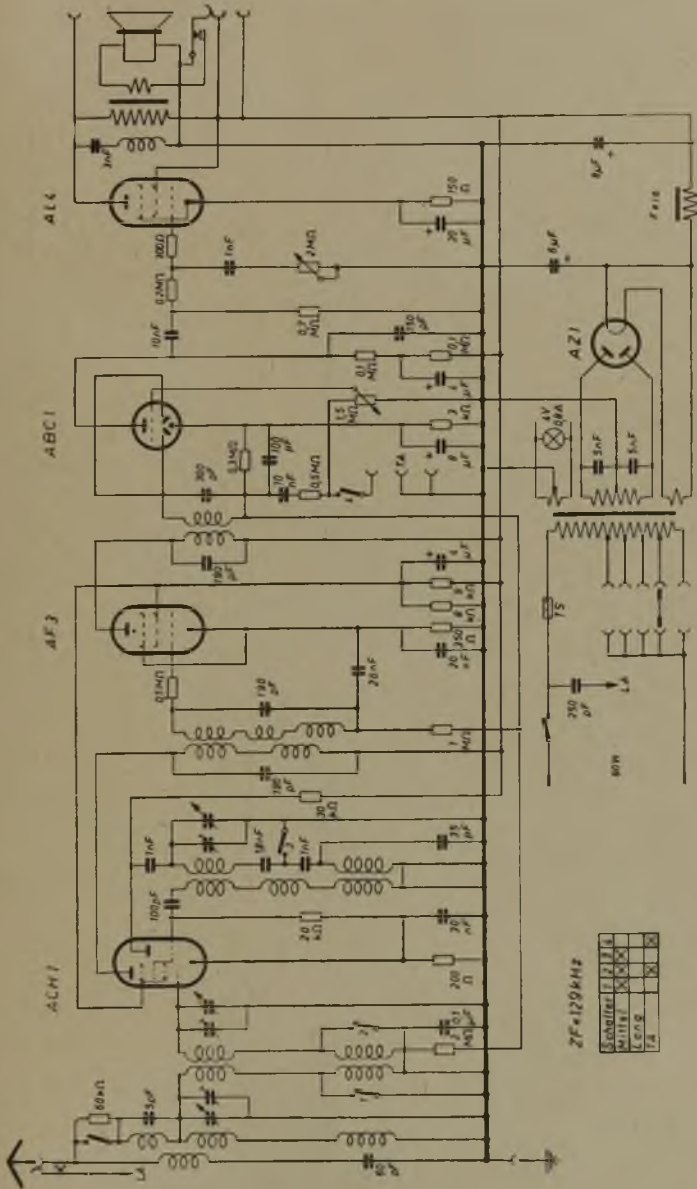
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---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

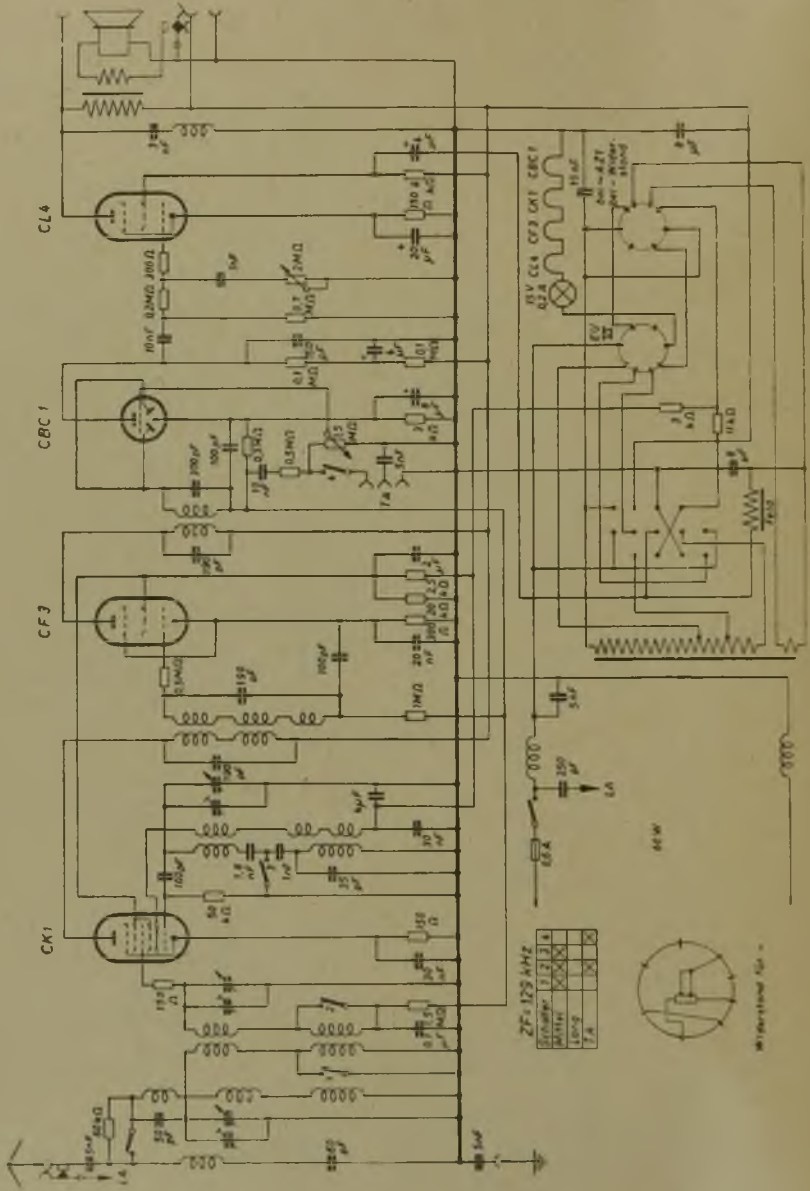
Siemens Standard 3 Röhren GW

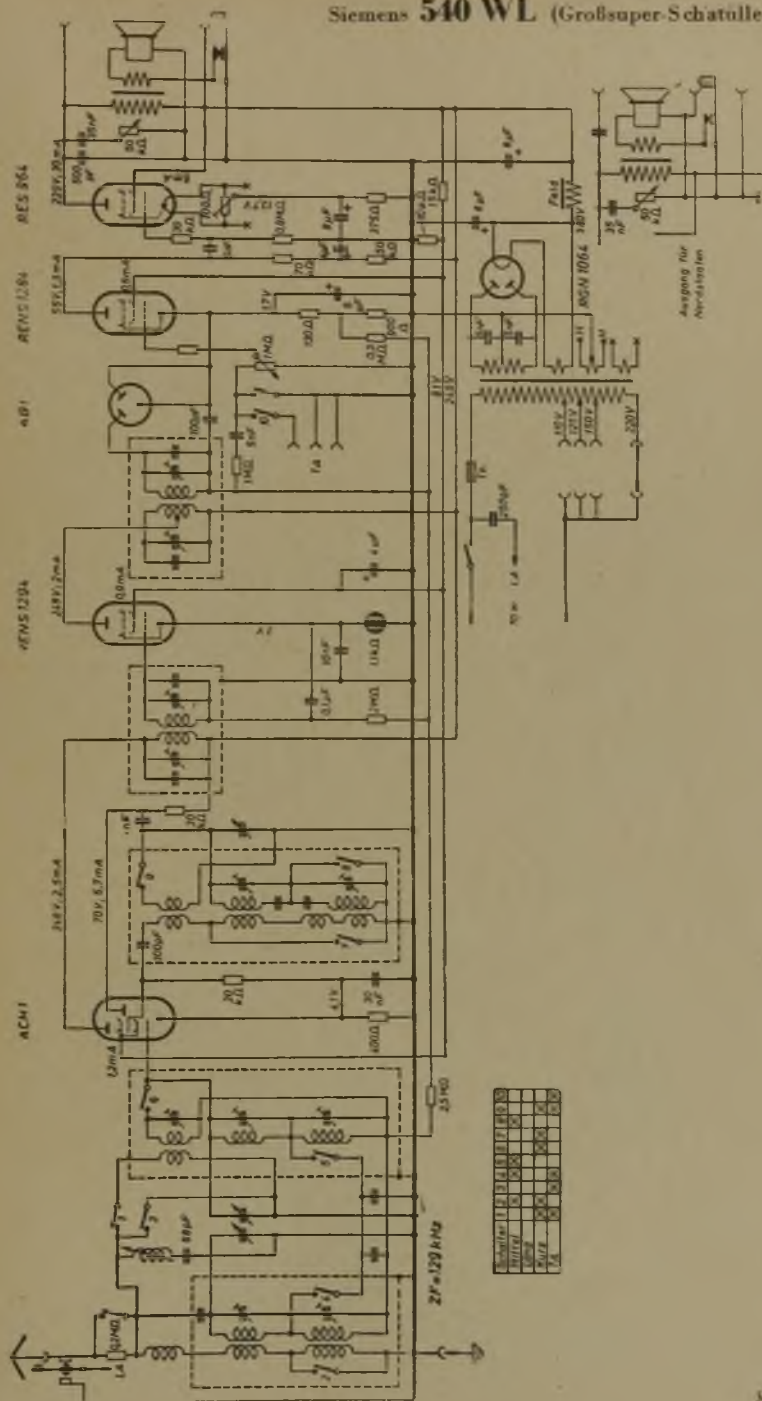




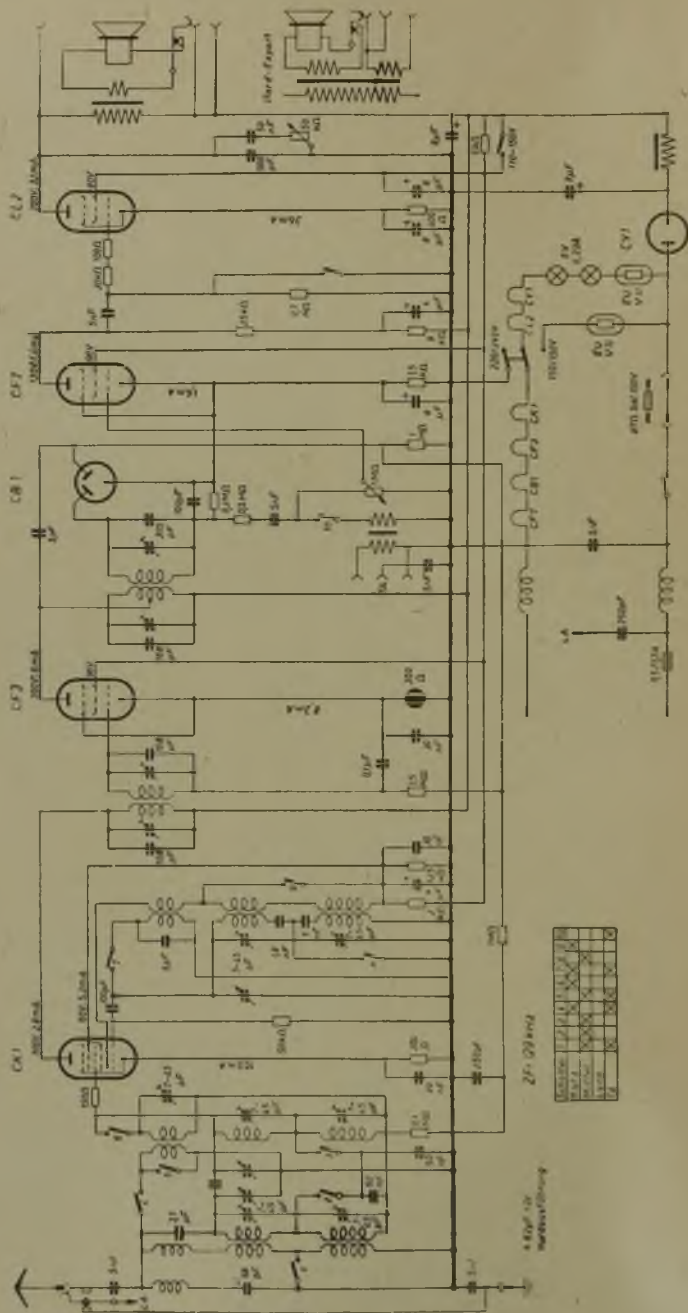




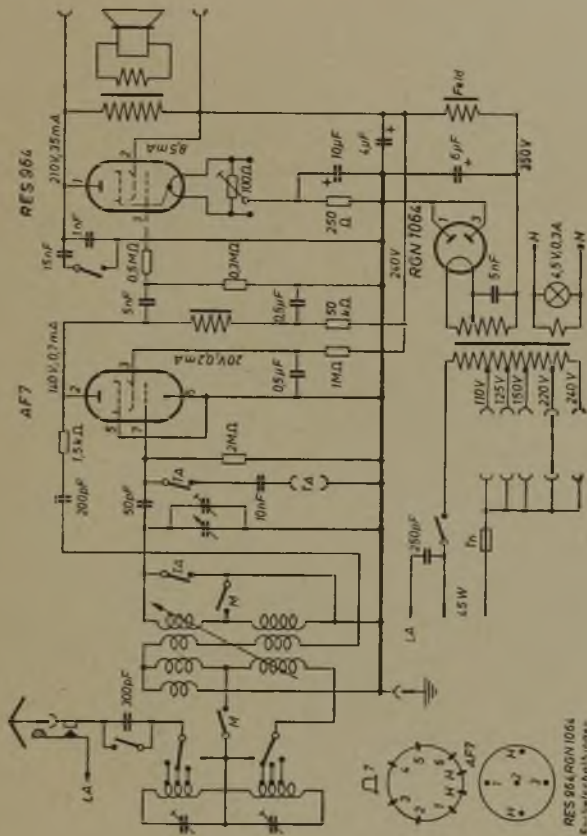




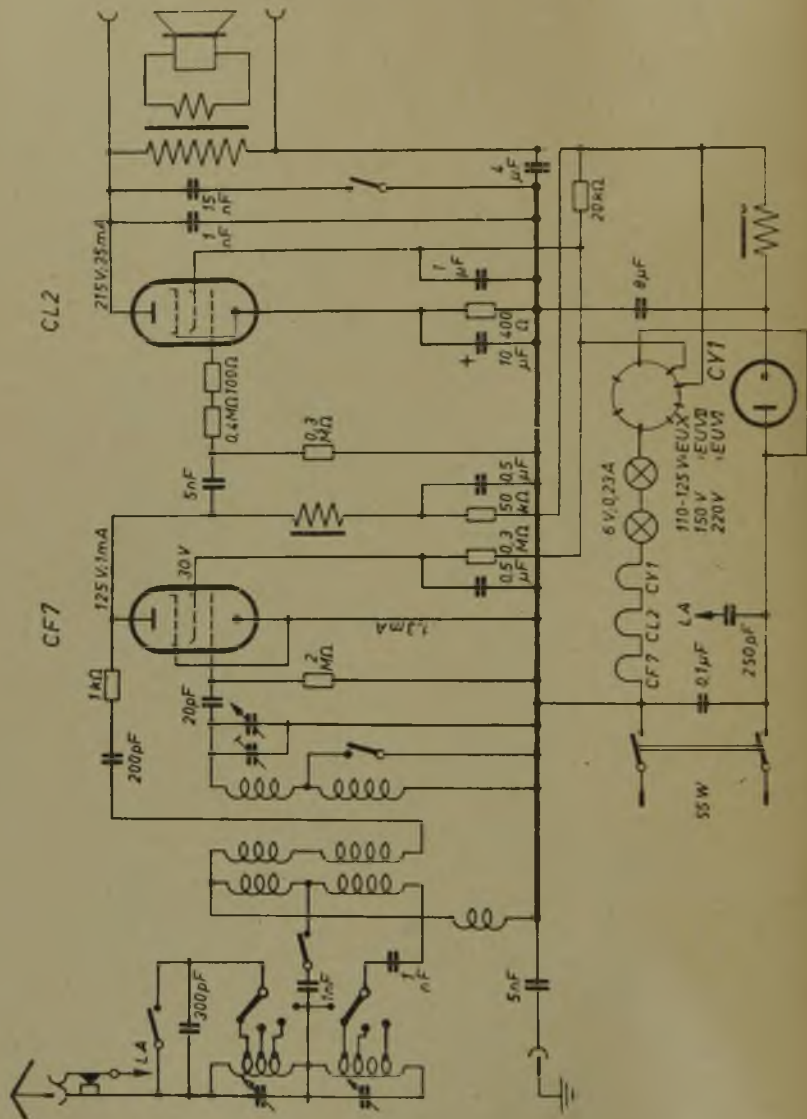
Siemens 540 GW (Großsuper-Schaltulle)

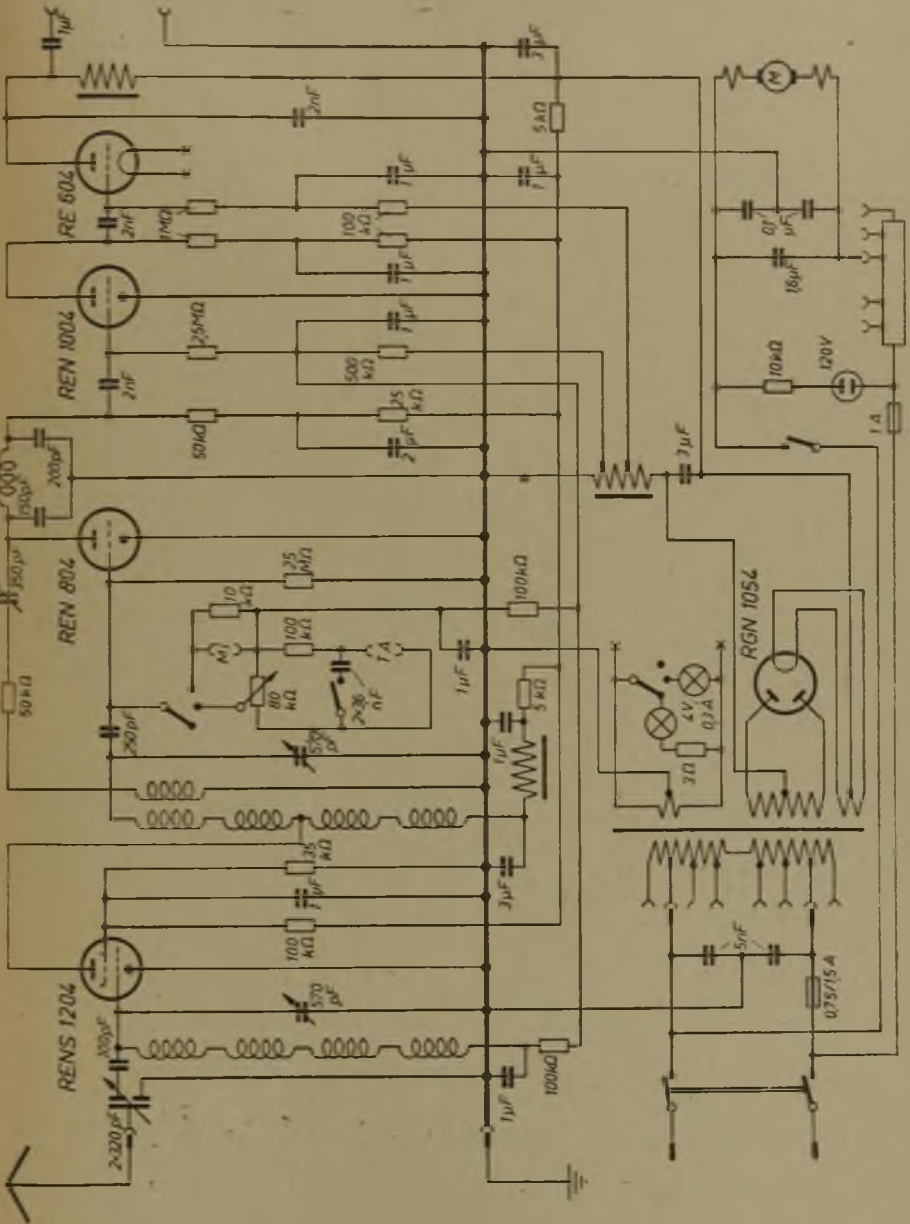


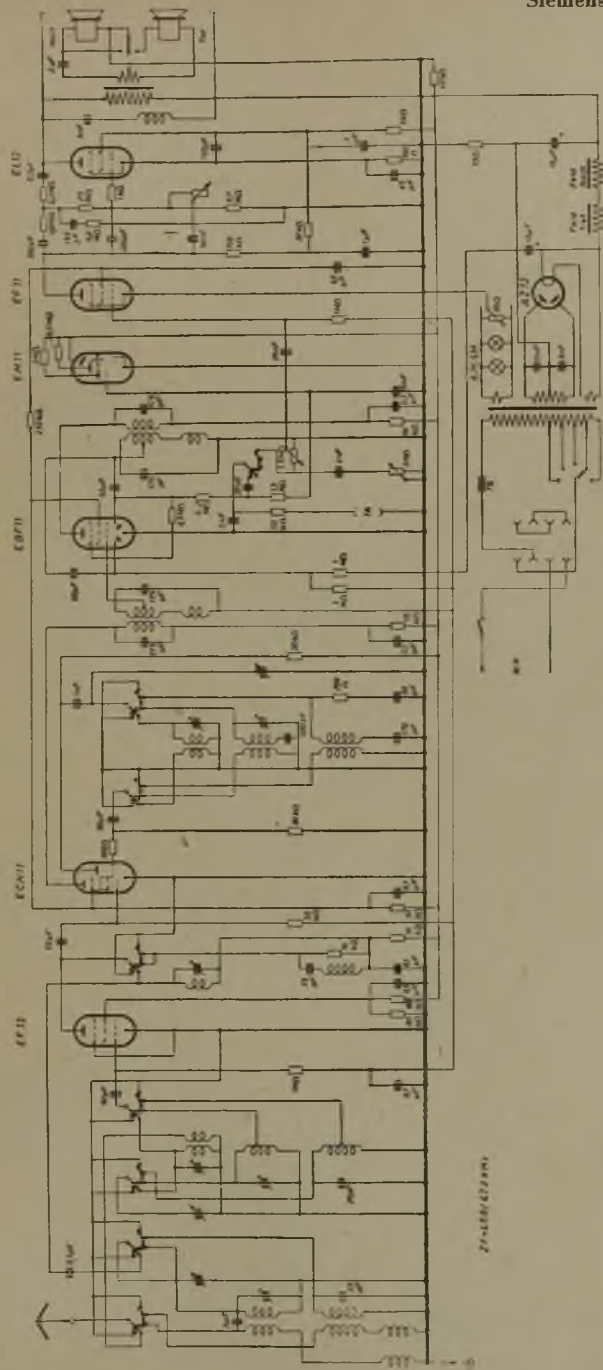
Symbol	Value
⊗	1000
⊙	100
⊚	10
⊛	1
⊜	0.1
⊝	0.01
⊞	0.001
⊟	0.0001
⊠	0.00001
⊡	0.000001
⊢	0.0000001
⊣	0.00000001
⊤	0.000000001
⊥	0.0000000001
⊦	0.00000000001
⊧	0.000000000001
⊨	0.0000000000001
⊩	0.00000000000001
⊪	0.000000000000001
⊫	0.0000000000000001
⊬	0.00000000000000001
⊭	0.000000000000000001
⊮	0.0000000000000000001
⊯	0.00000000000000000001
⊰	0.000000000000000000001
⊱	0.0000000000000000000001
⊲	0.00000000000000000000001
⊳	0.000000000000000000000001
⊴	0.0000000000000000000000001
⊵	0.00000000000000000000000001
⊶	0.000000000000000000000000001
⊷	0.0000000000000000000000000001
⊸	0.00000000000000000000000000001
⊹	0.000000000000000000000000000001
⊺	0.0000000000000000000000000000001
⊻	0.00000000000000000000000000000001
⊼	0.000000000000000000000000000000001
⊽	0.0000000000000000000000000000000001
⊾	0.00000000000000000000000000000000001
⊿	0.000000000000000000000000000000000001
⊠	0.0000000000000000000000000000000000001
⊡	0.00000000000000000000000000000000000001
⊢	0.000000000000000000000000000000000000001
⊣	0.0000000000000000000000000000000000000001
⊤	0.001
⊥	0.0001
⊦	0.001
⊧	0.0001
⊨	0.001
⊩	0.0001
⊪	0.001
⊫	0.0001
⊬	0.001
⊭	0.0001
⊮	0.001
⊯	0.0001
⊰	0.001
⊱	0.0001
⊲	0.001
⊳	0.0001
⊴	0.001
⊵	0.0001
⊶	0.001
⊷	0.0001
⊸	0.001
⊹	0.0001
⊺	0.001
⊻	0.0001
⊼	0.001
⊽	0.0001
⊾	0.001
⊿	0.0001

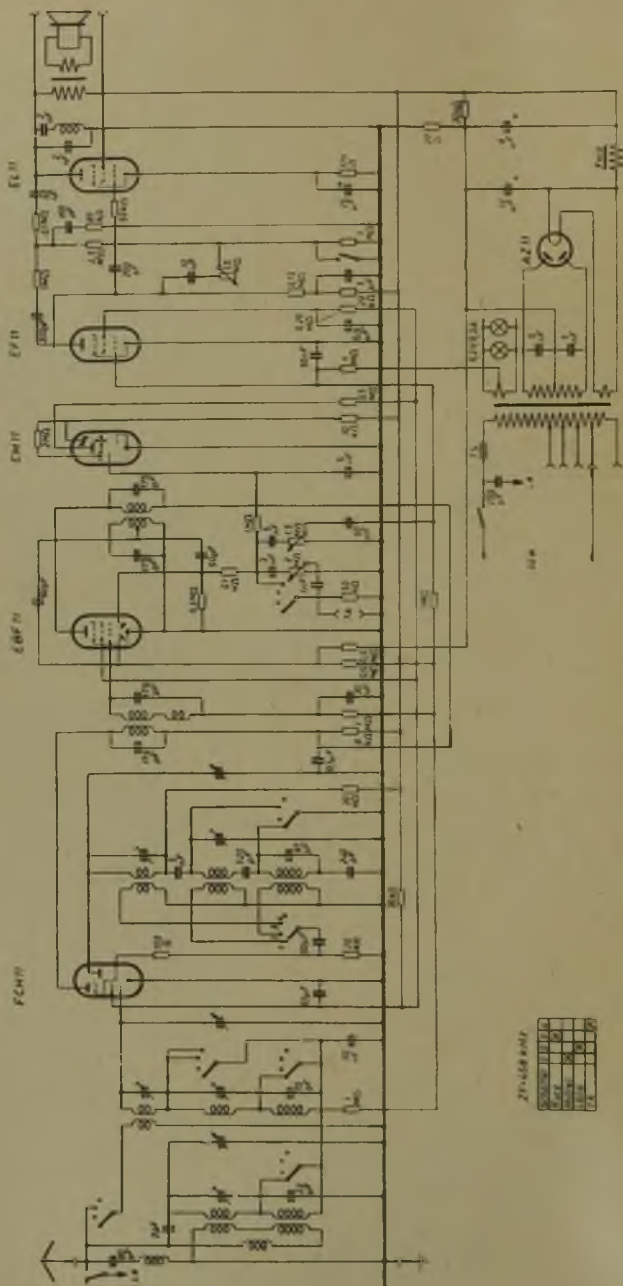


RES 964 RGN 1064
Siemensradio



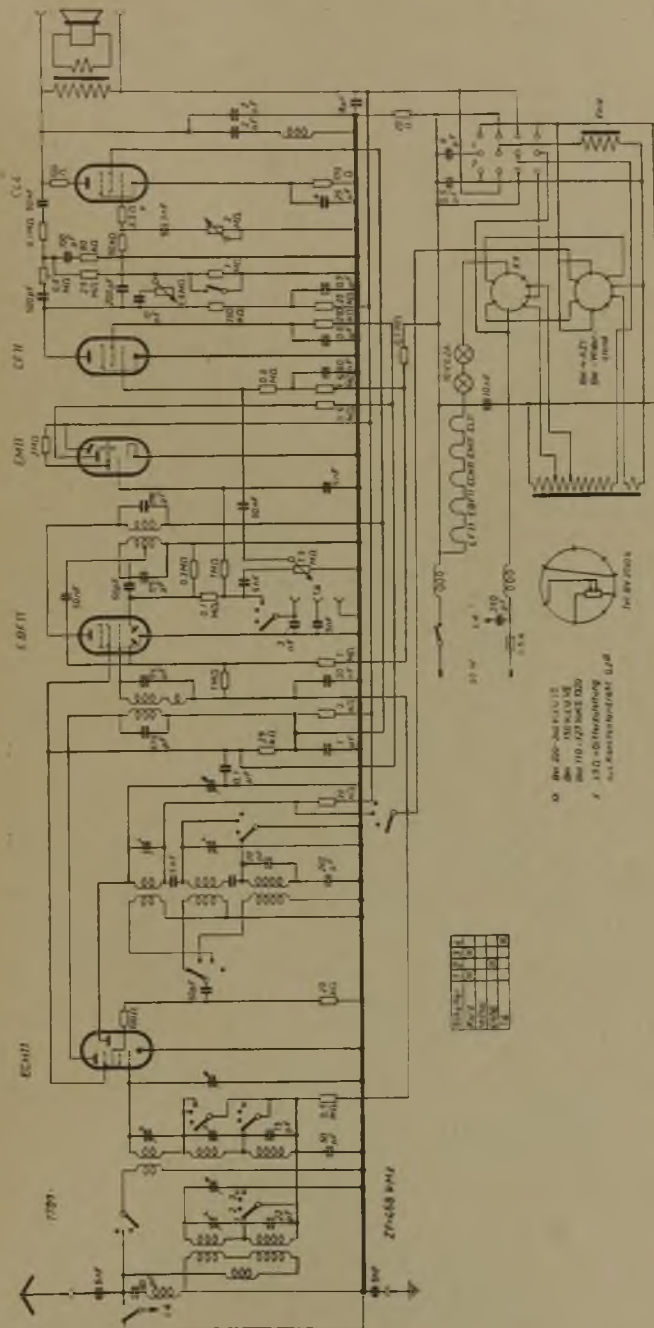




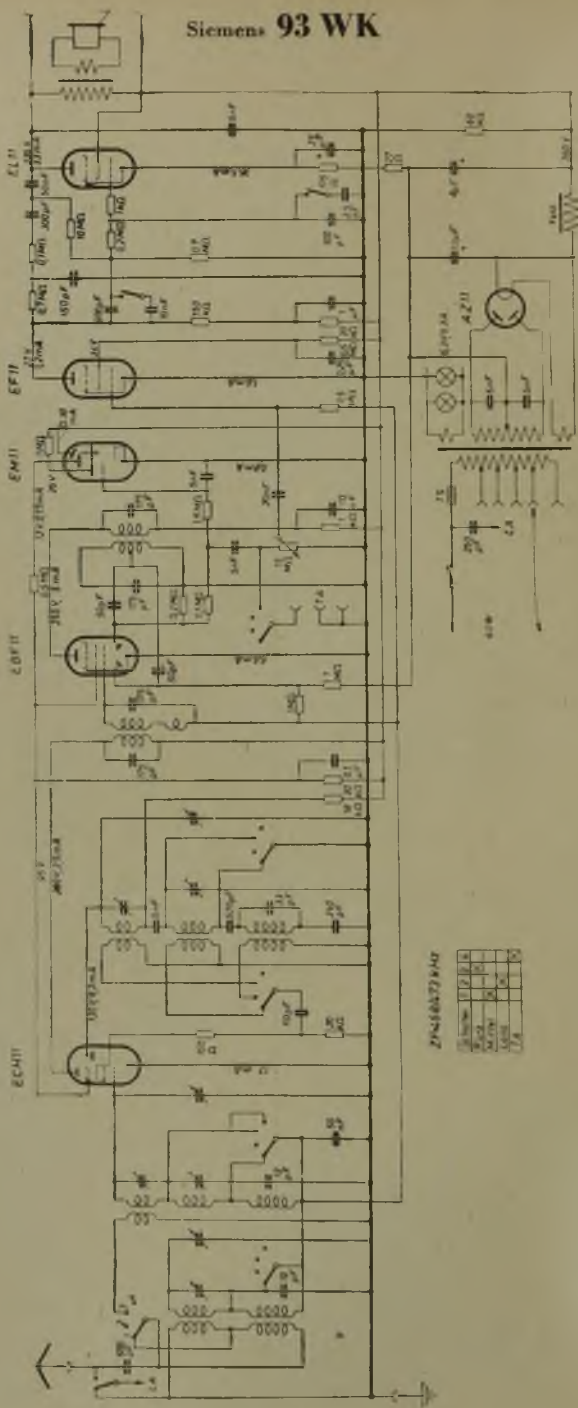


27-458-101

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

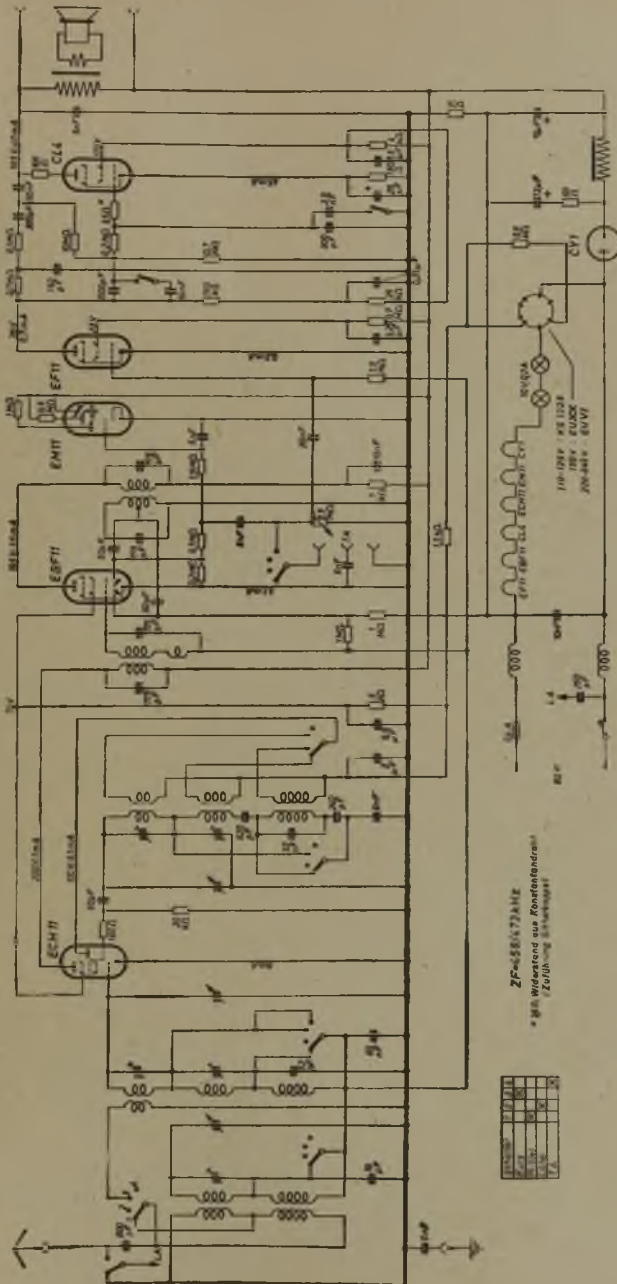


Siemens 93 WK



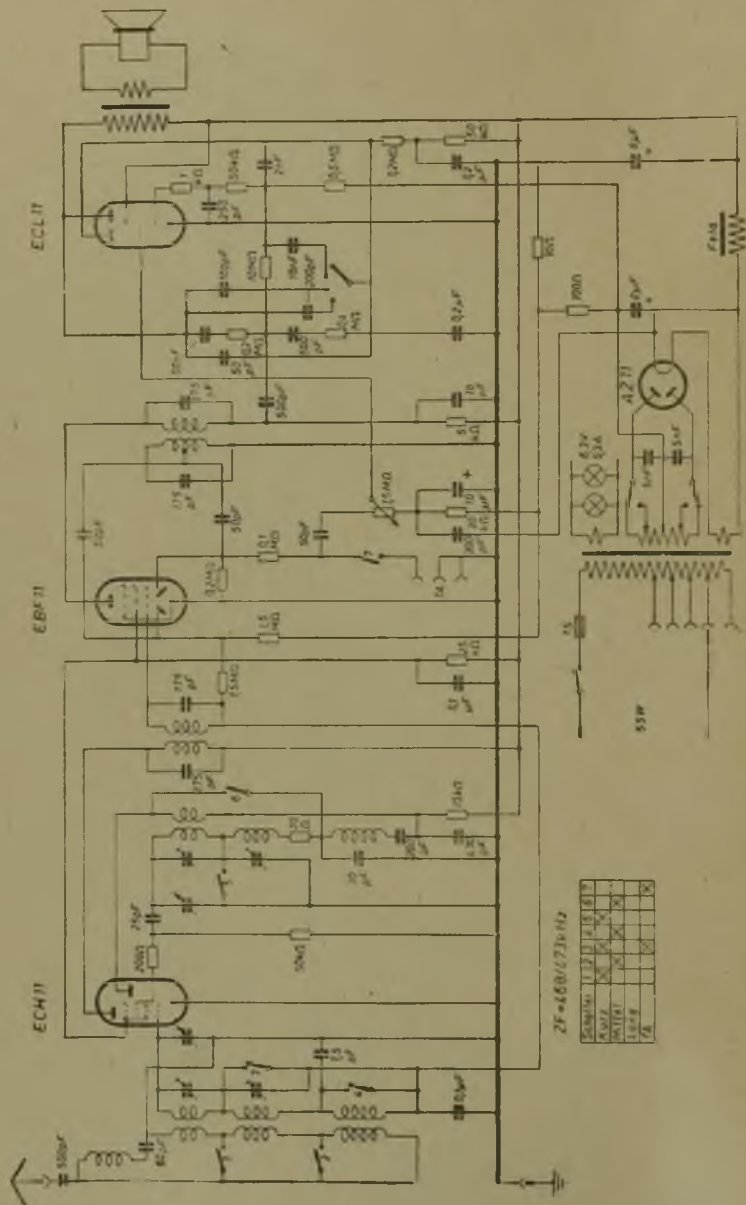
ZFN 56729/42

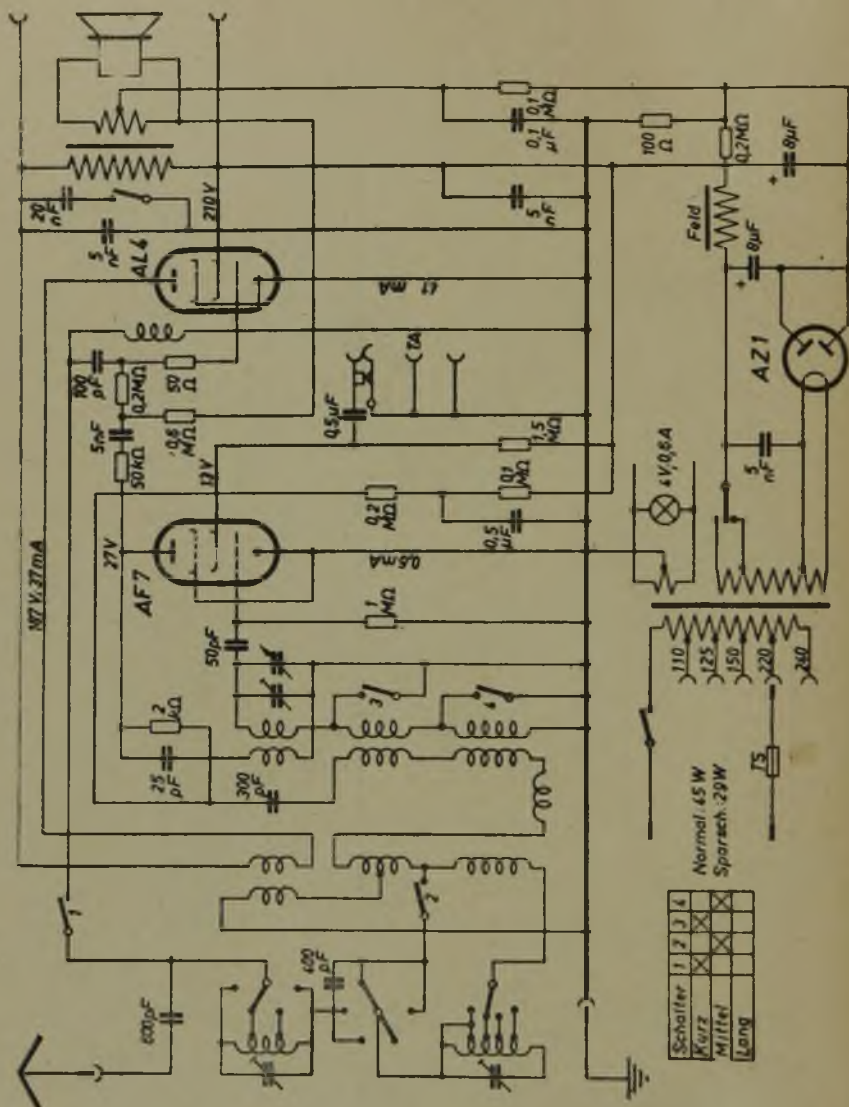
Typ	1	2	3	4	5
W					
U					
A					

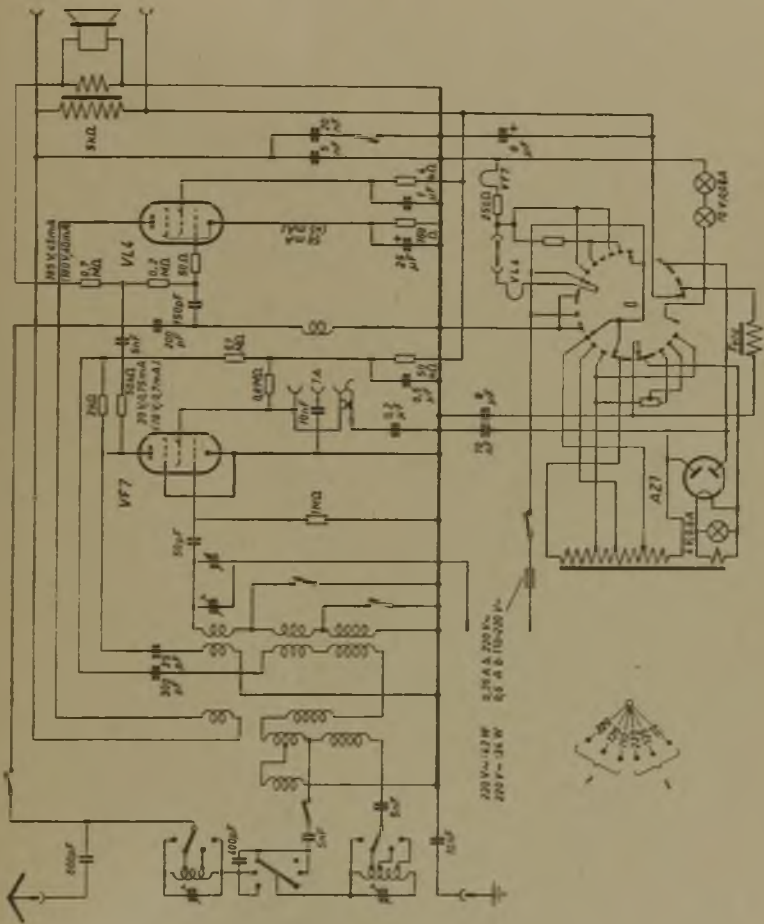


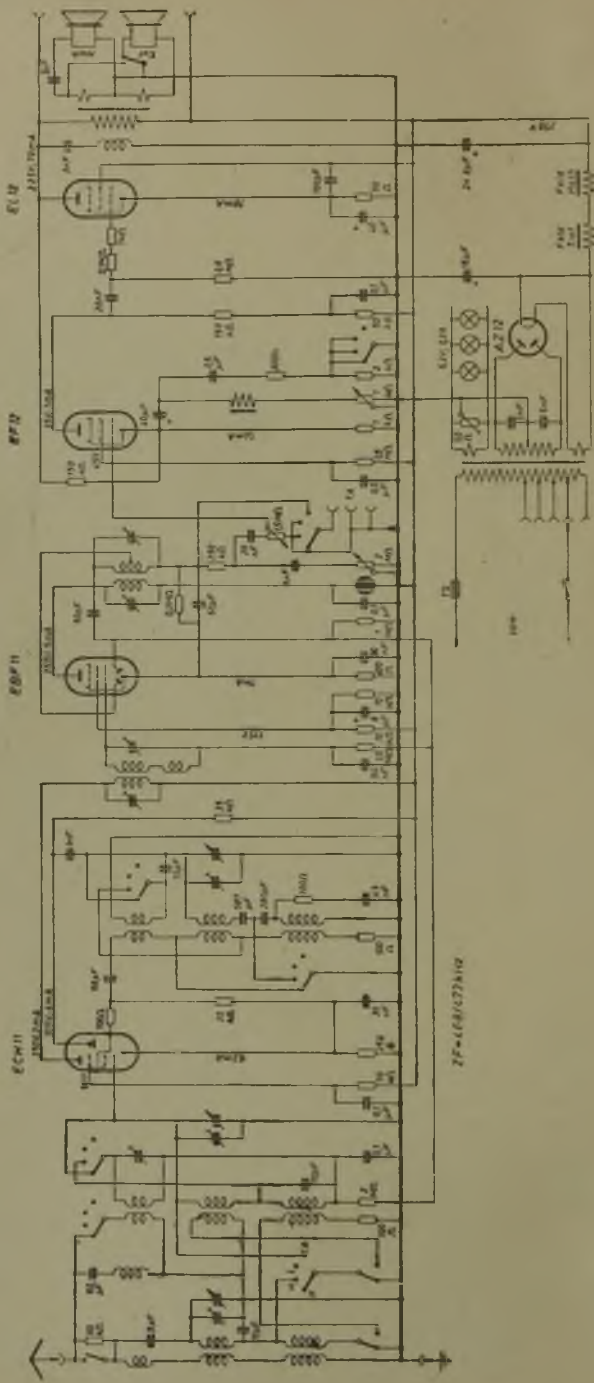
ZP-6581672A/B
 * gilt Widerstand aus Konzentrenz
 (Zurückführung über Schalter)

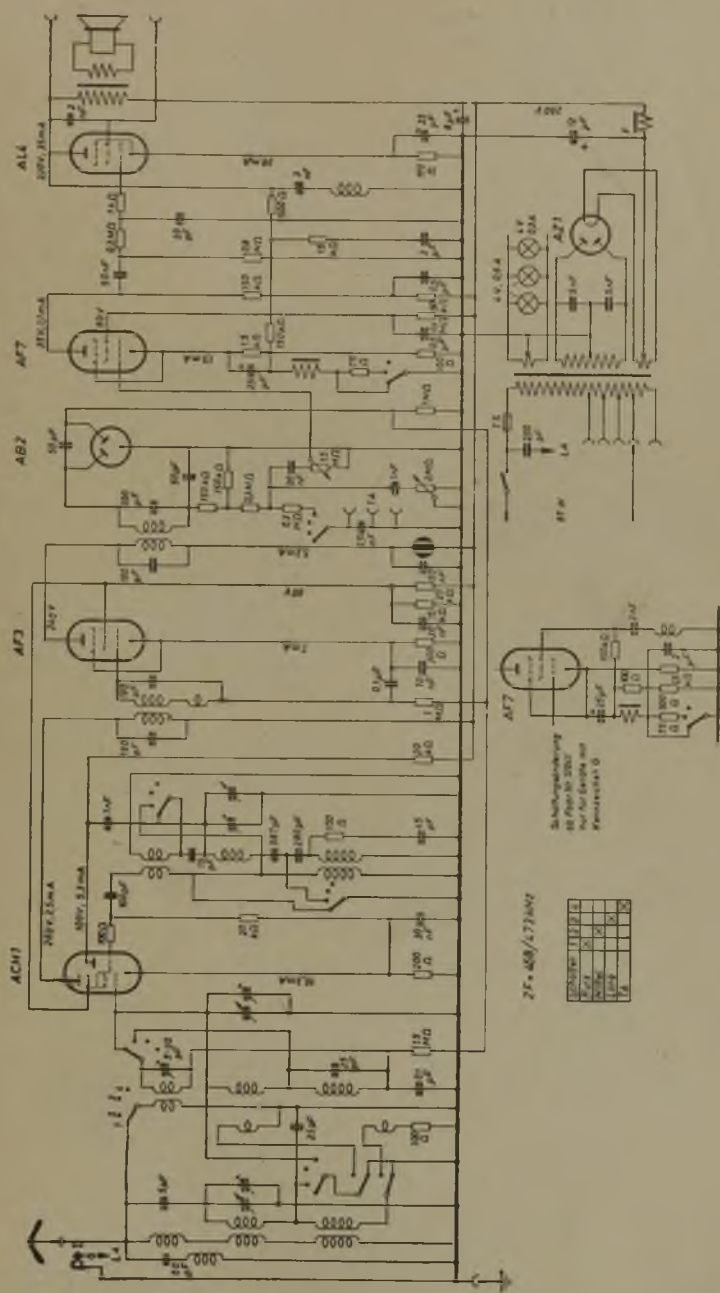
Gezeichnet					
Überprüft					
Von					
Am					



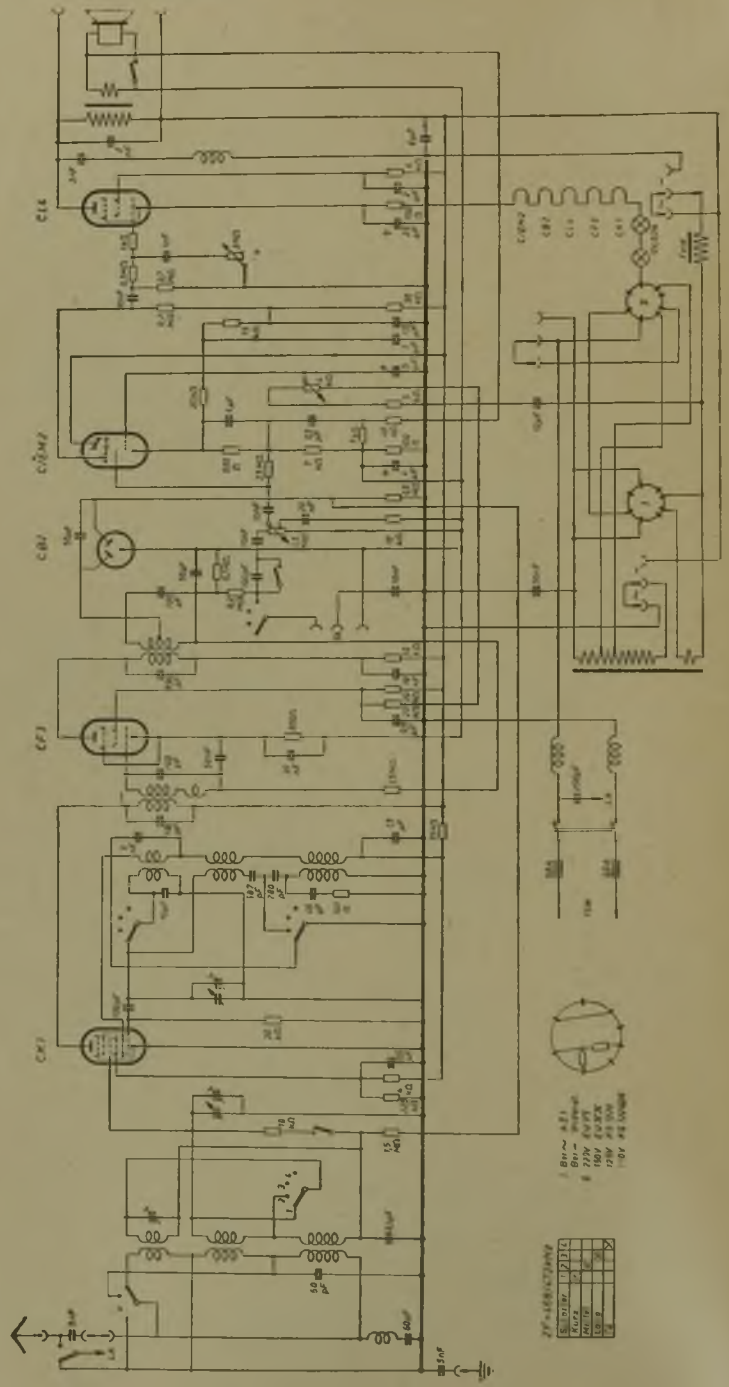








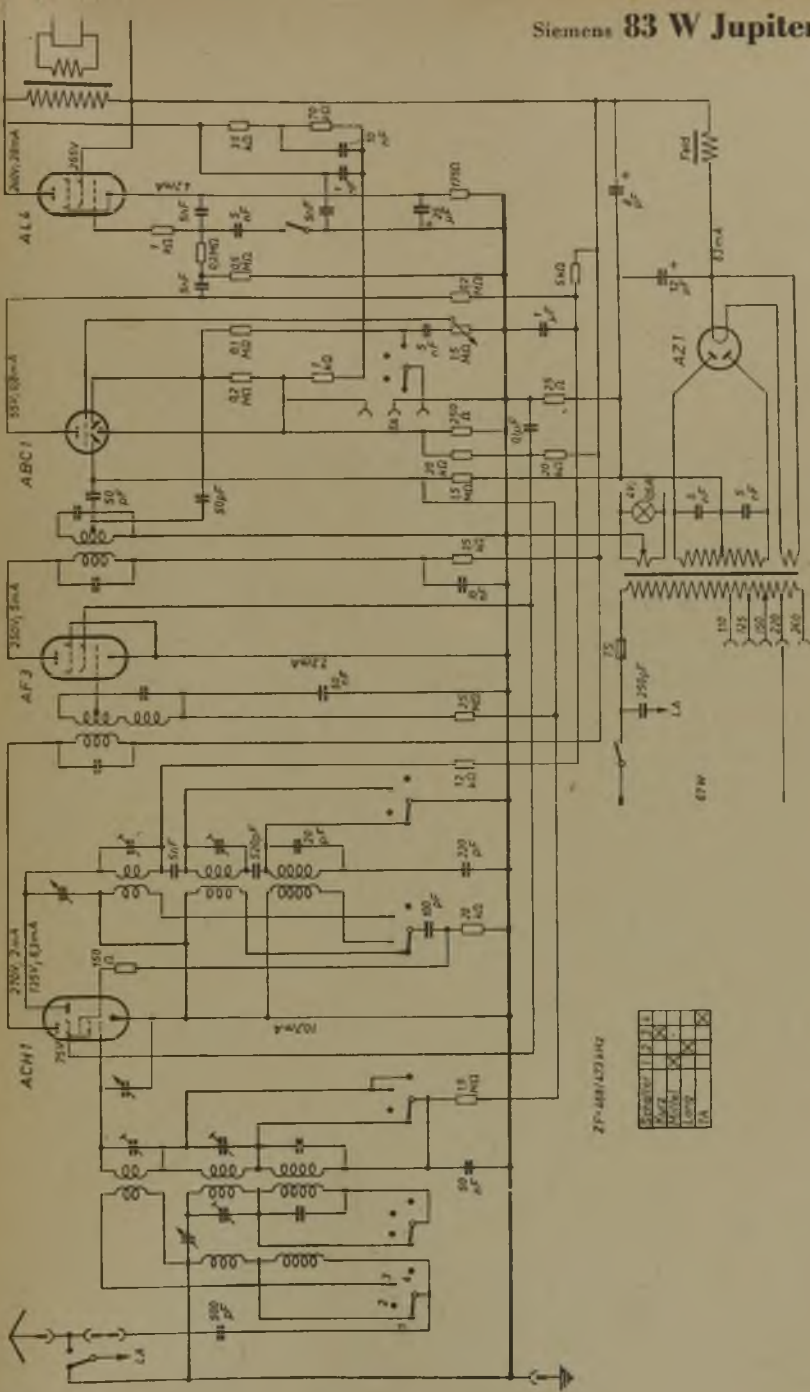
Siemens 84 GW Saturn



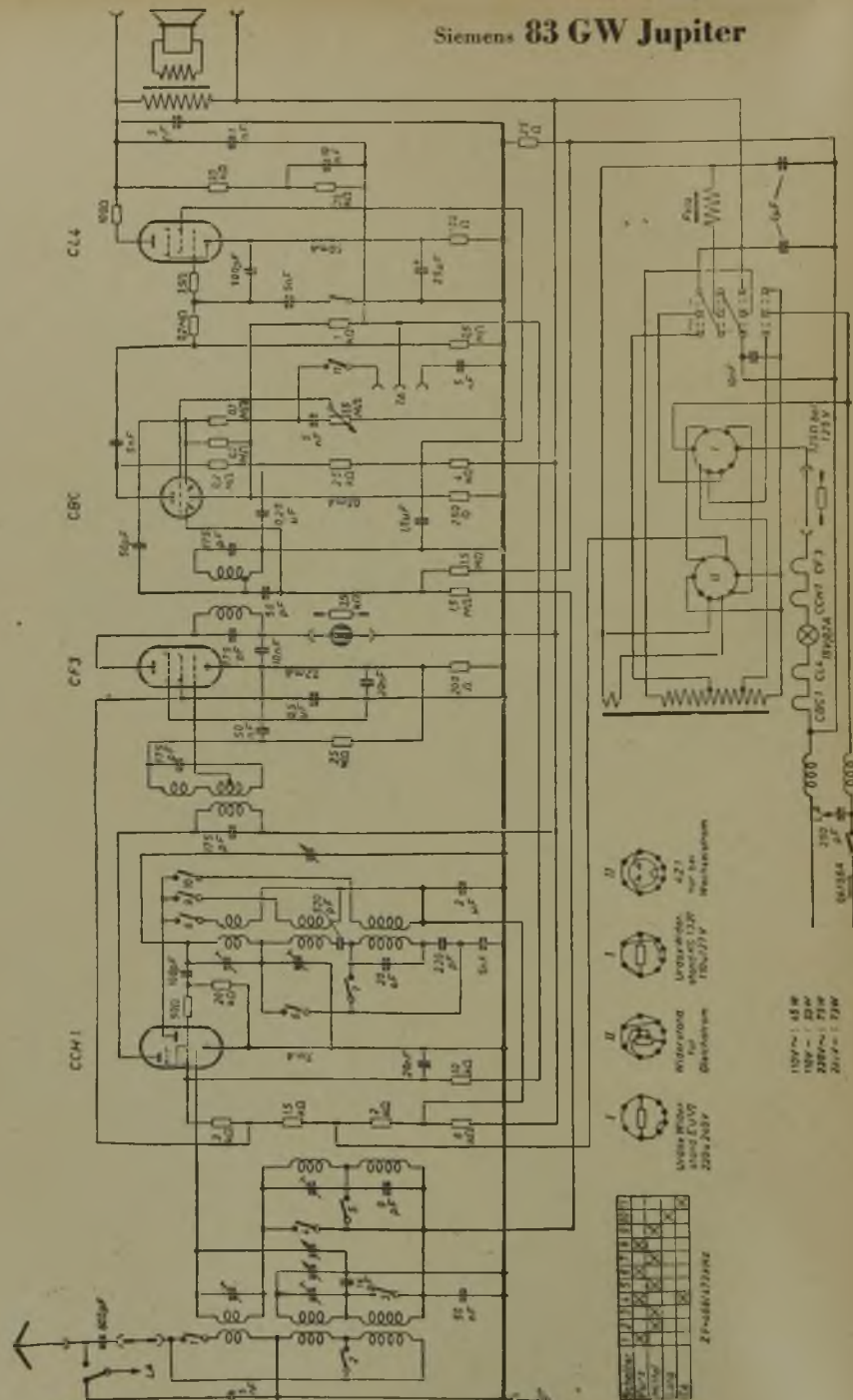
1. 84W ~ 2.1
 2. 84W ~ 2.1
 3. 150V 2.1
 4. 100V 2.1
 5. 100V 2.1

ZF-188122222

1	2	3	4	5
1	2	3	4	5
1	2	3	4	5
1	2	3	4	5
1	2	3	4	5



Siemens 83 GW Jupiter

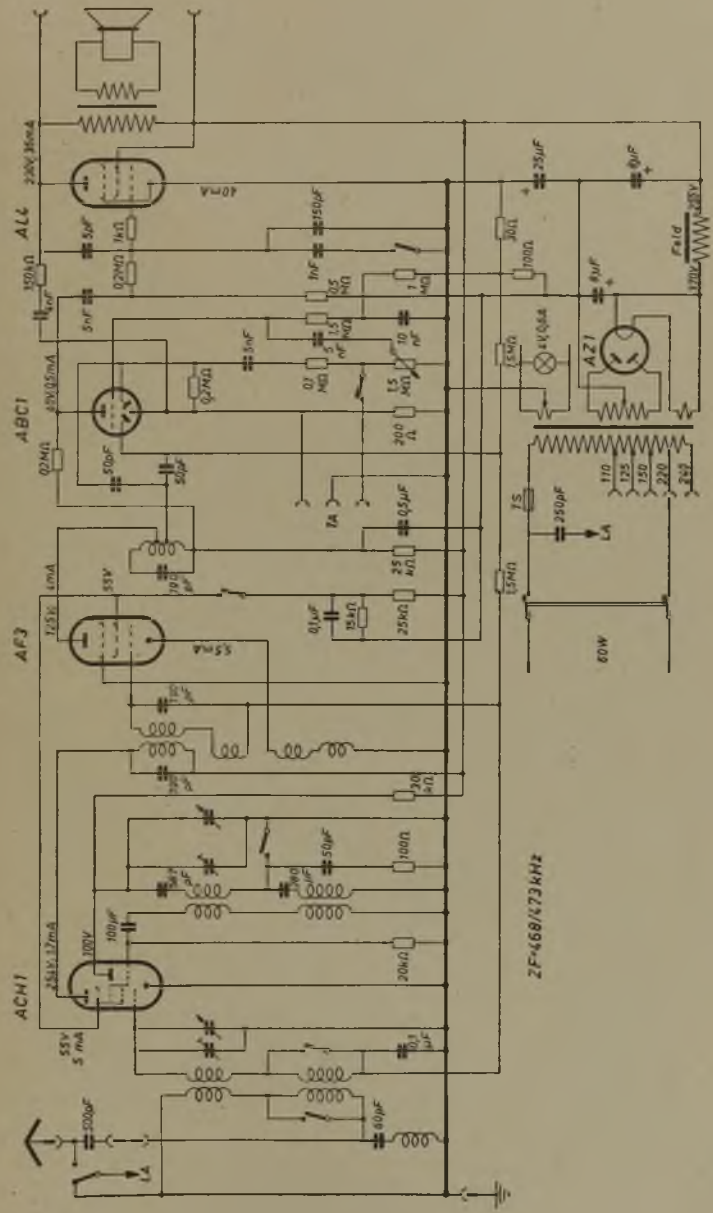


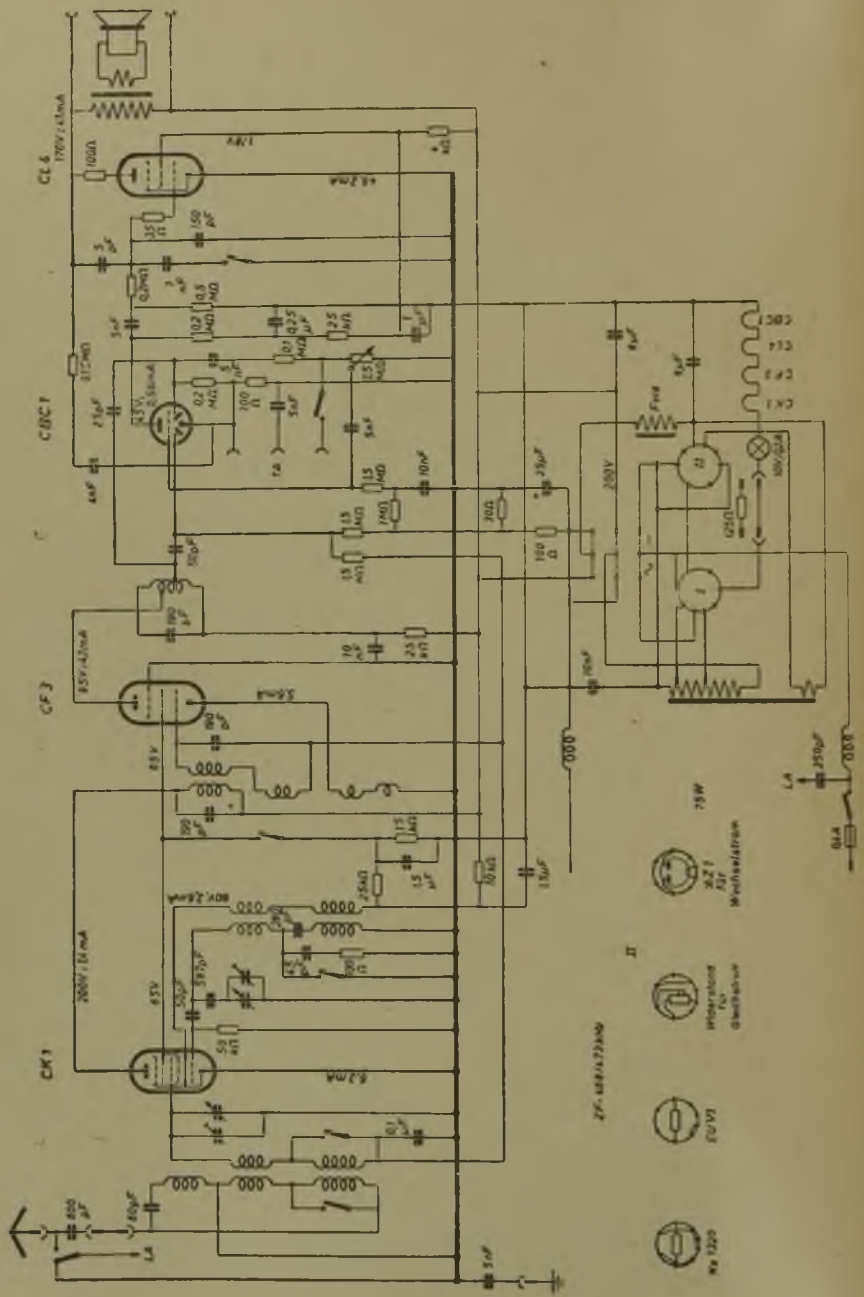
- II** 4.21
Vierkathoden
für 6A5
Rechenröhre
- I** 4.21
Vierkathoden
für 6A5
Rechenröhre
- II** 4.21
Vierkathoden
für 6A5
Rechenröhre
- I** 4.21
Vierkathoden
für 6A5
Rechenröhre

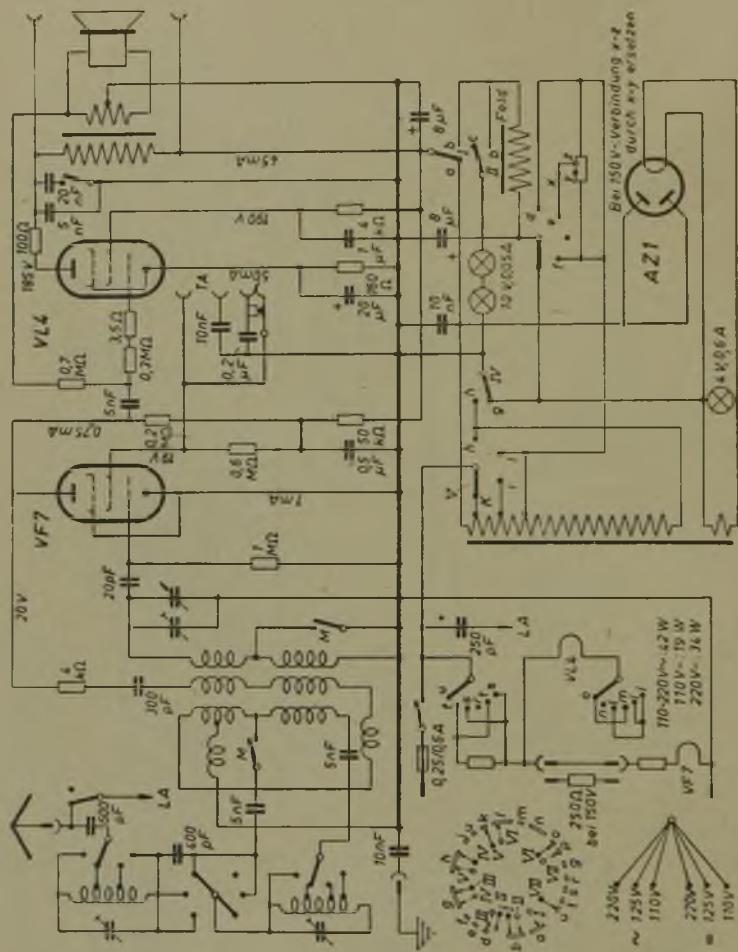
Zeichn.-	1	2	3	4	5	6	7	8	9	10
Widerstand	X	X	X	X	X	X	X	X	X	X
Kapazität	X	X	X	X	X	X	X	X	X	X
Induktivität	X	X	X	X	X	X	X	X	X	X
Elektronen- röhre	X	X	X	X	X	X	X	X	X	X
Relais	X	X	X	X	X	X	X	X	X	X
Schalter	X	X	X	X	X	X	X	X	X	X

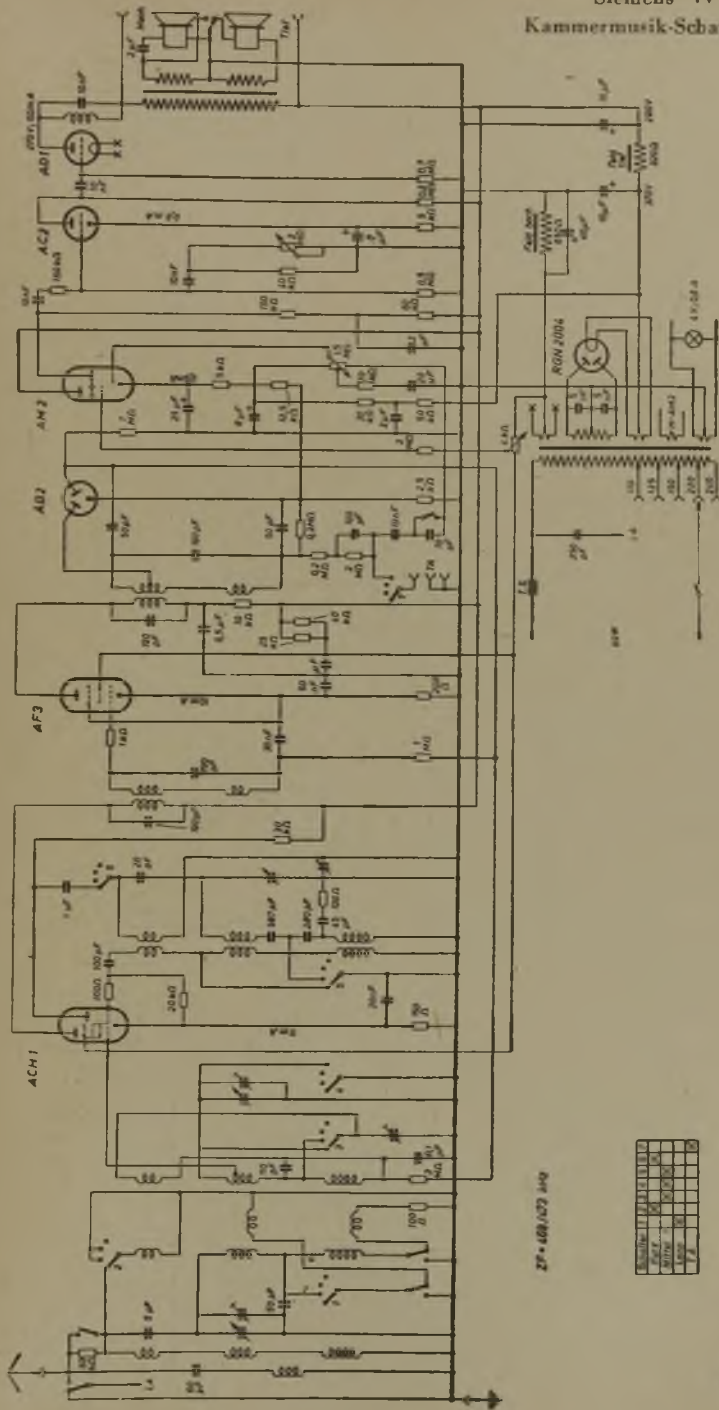
ZF-226/1372K

110V ~ : 45 W
125V ~ : 25 W
230V ~ : 75 W
250V ~ : 75 W





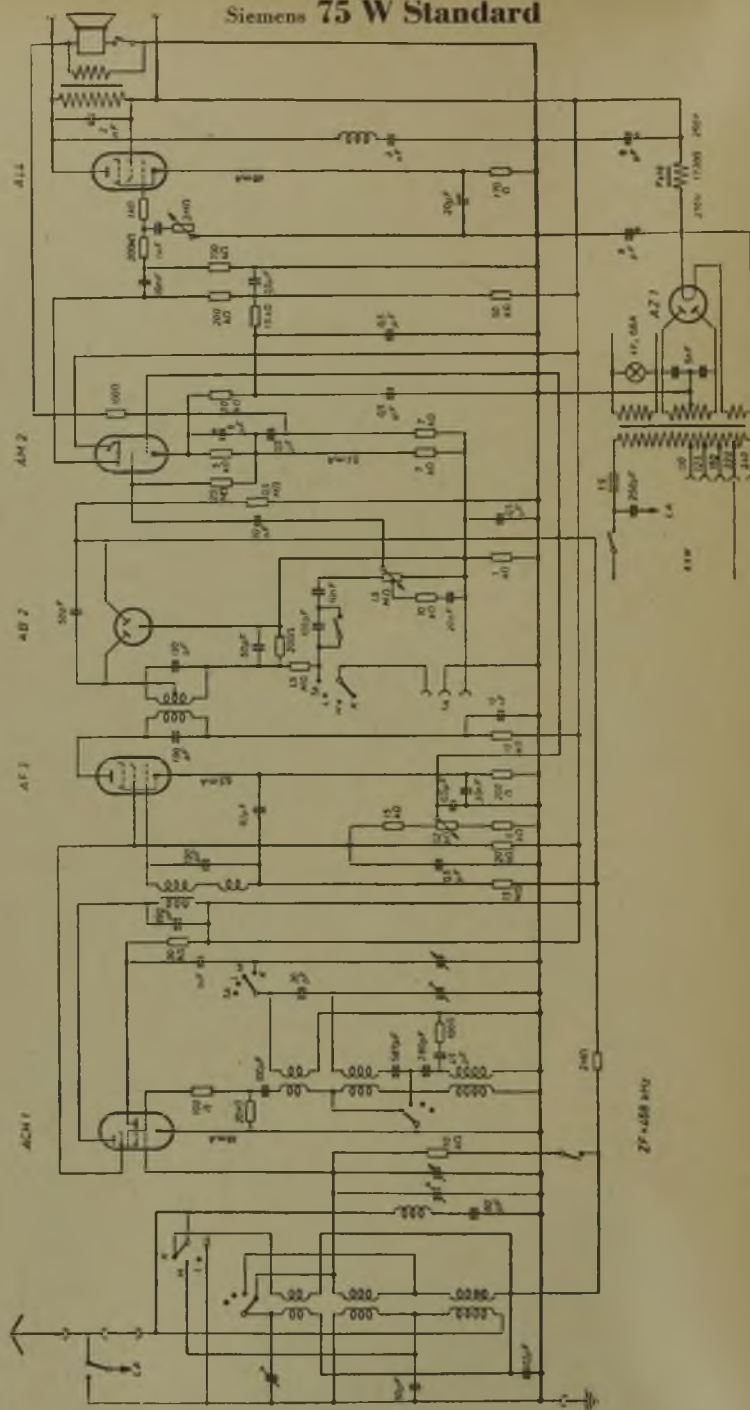


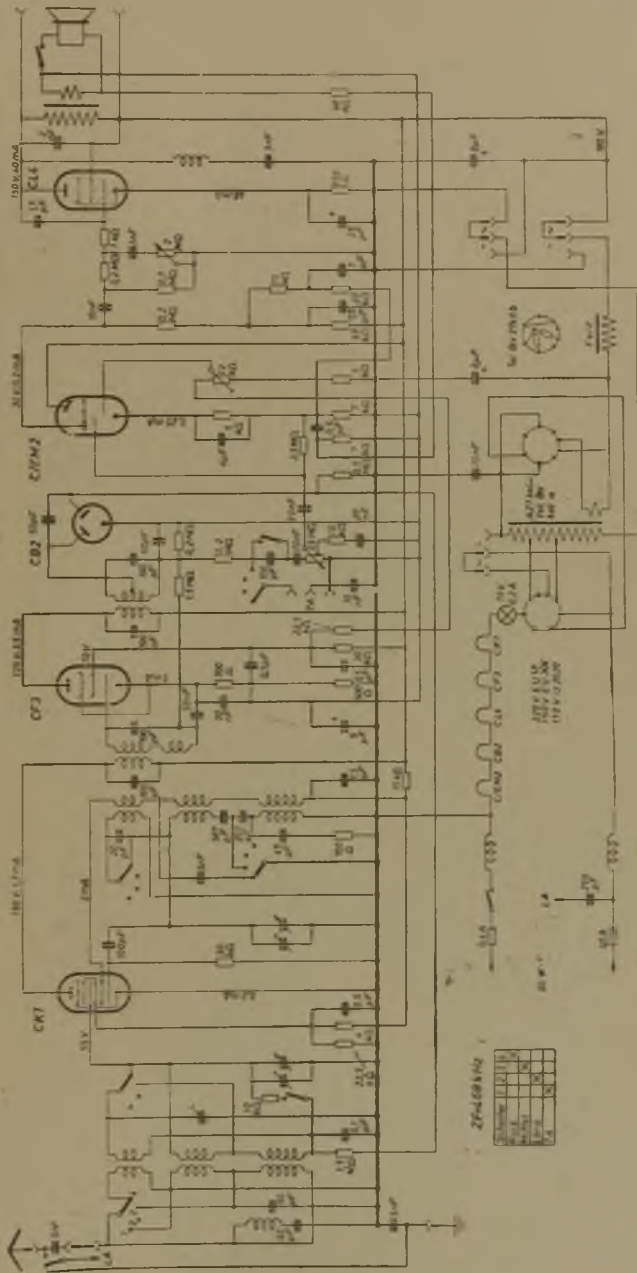


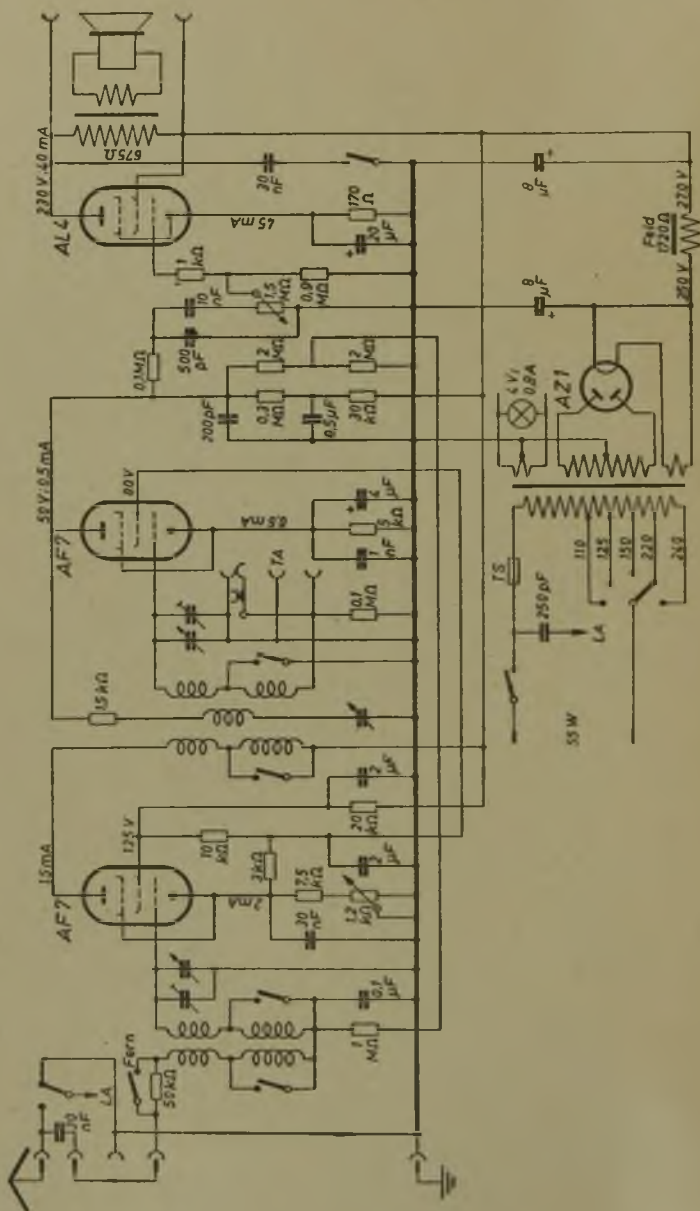
ZF-408/07 440

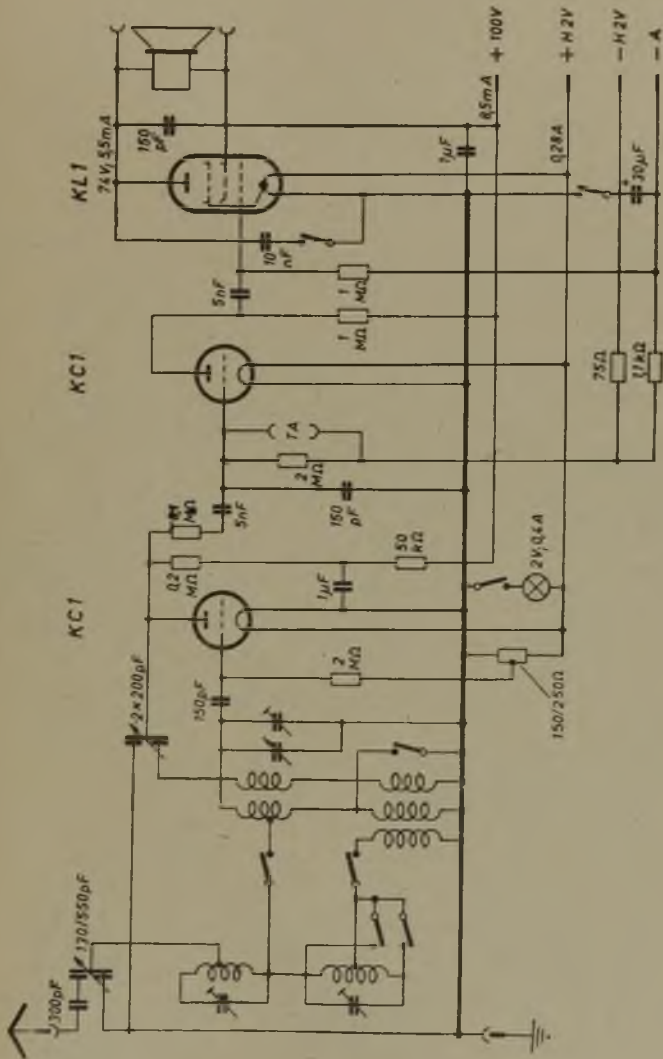
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

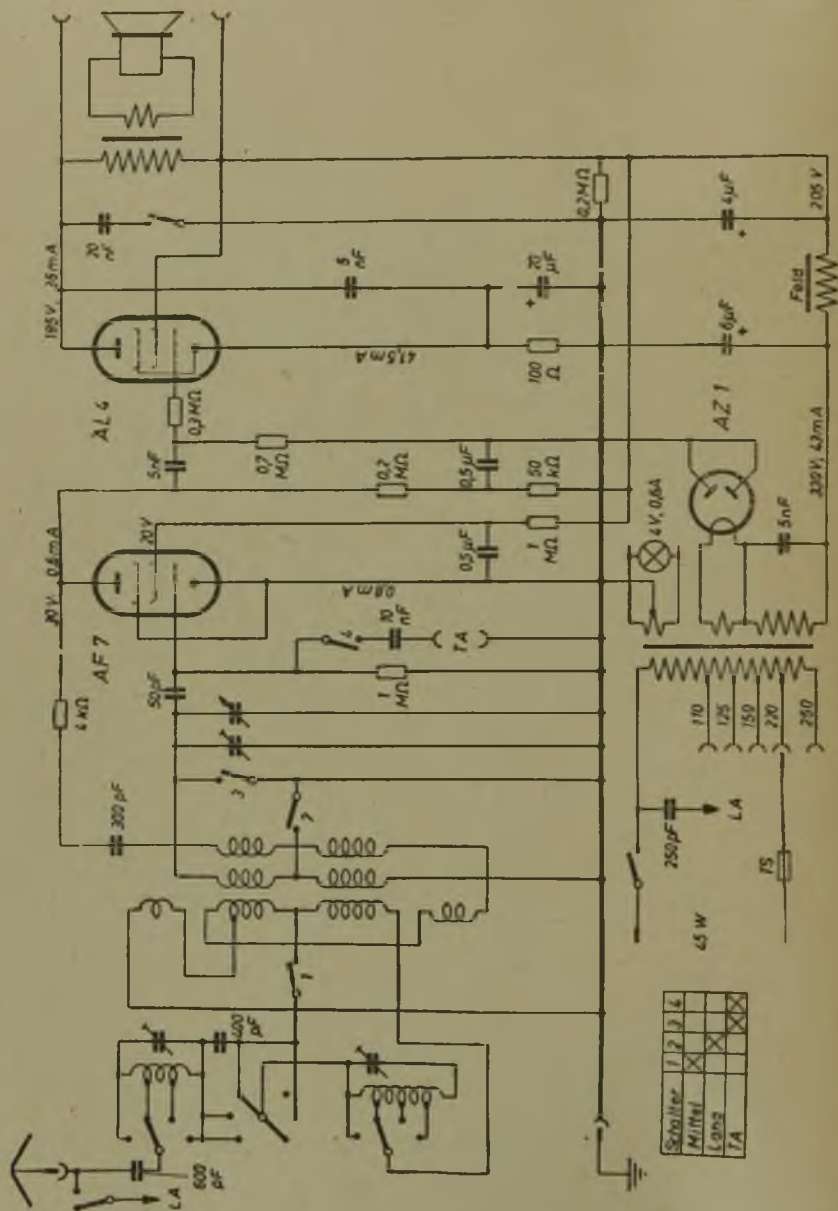
Siemens 75 W Standard

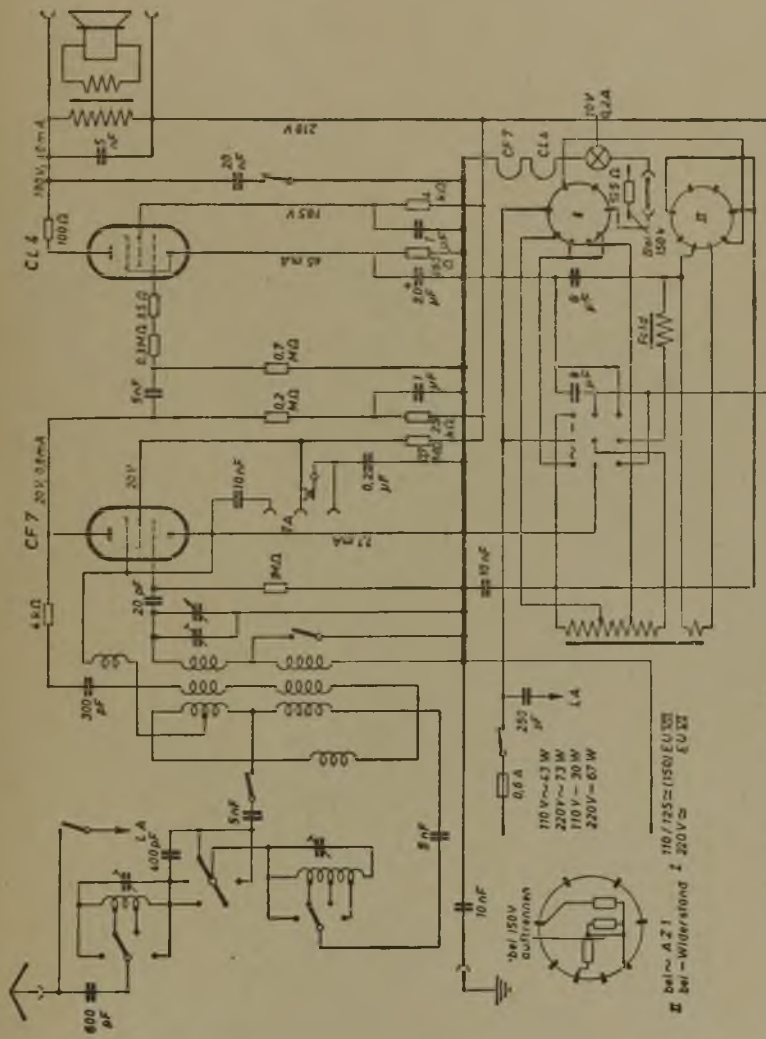


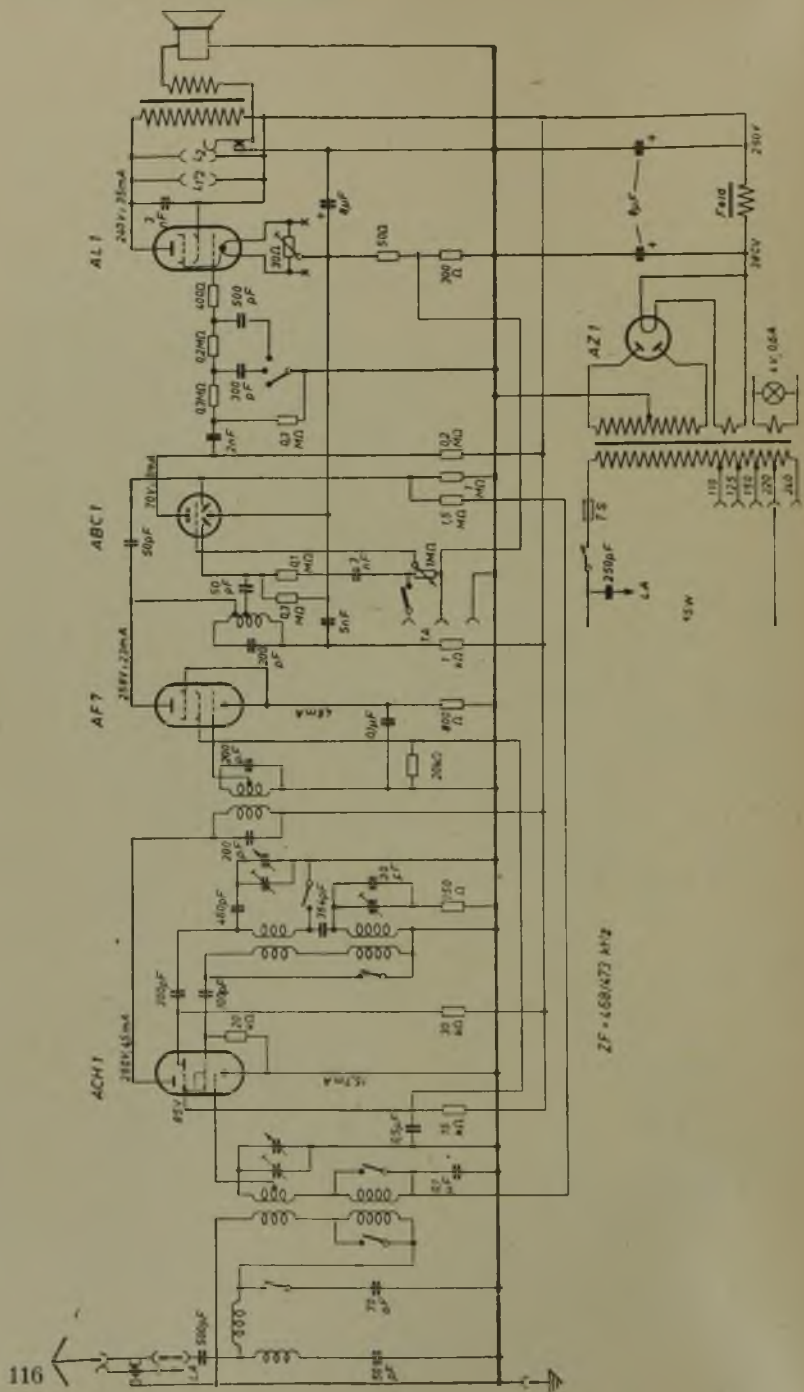


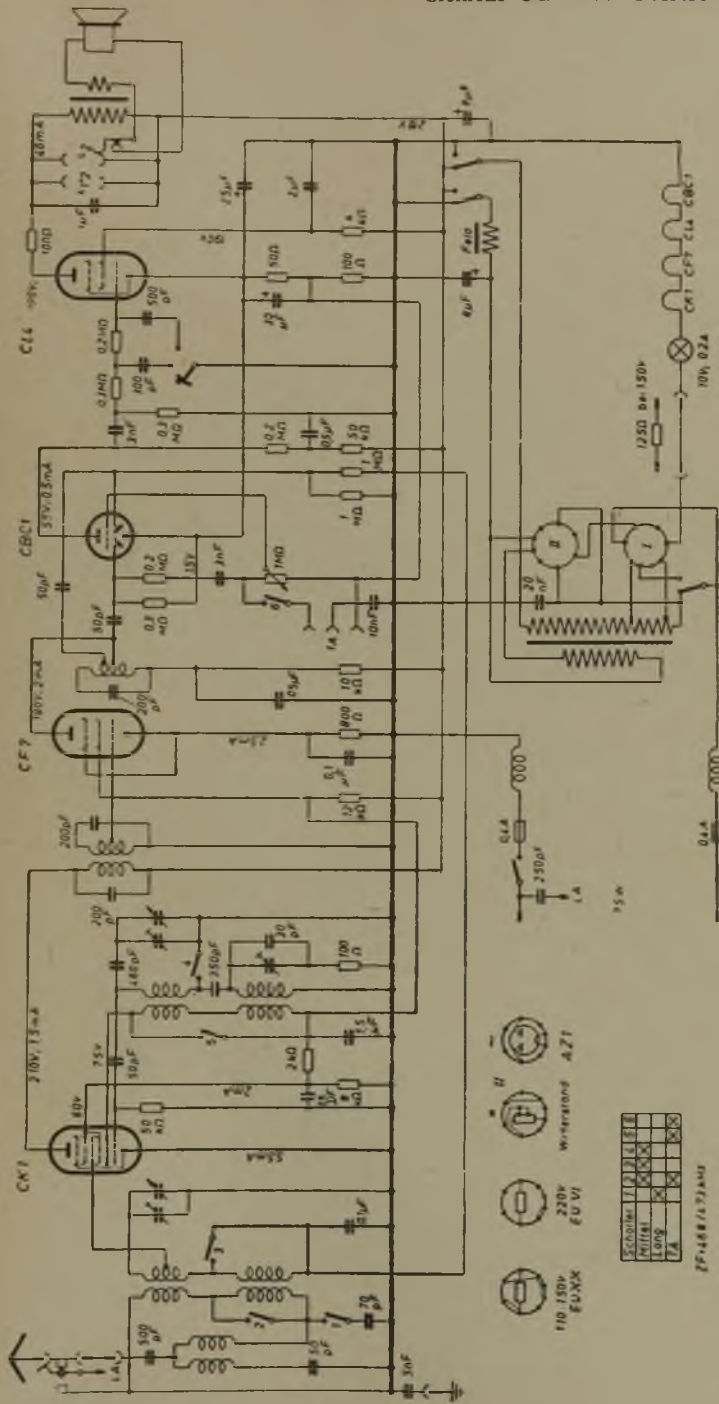








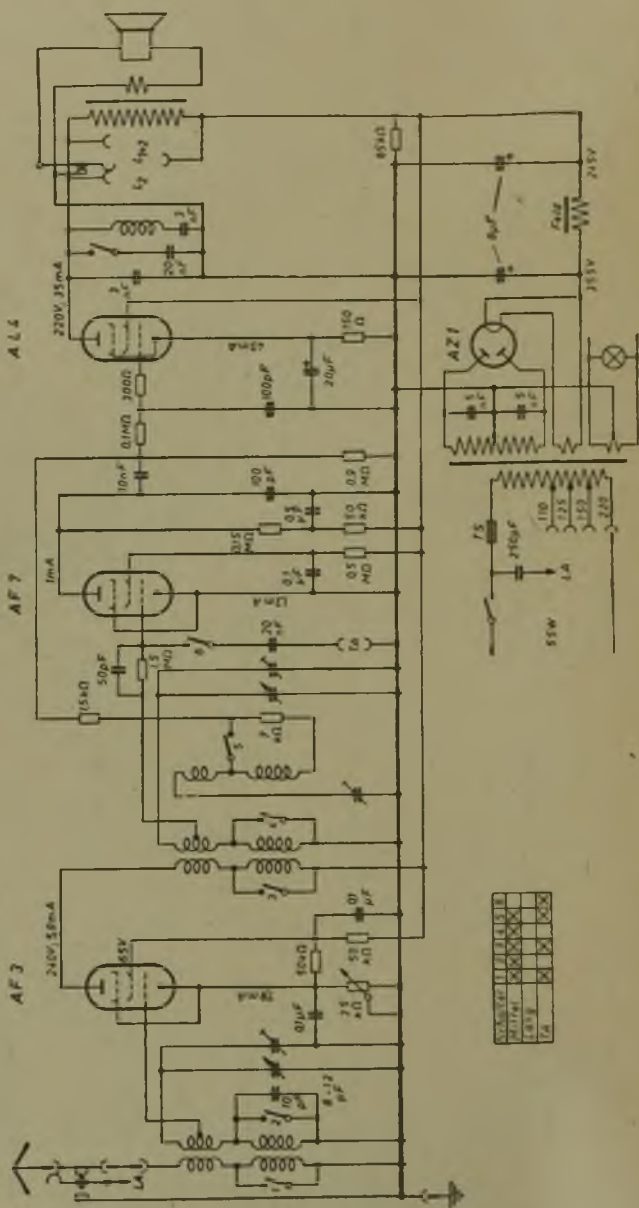




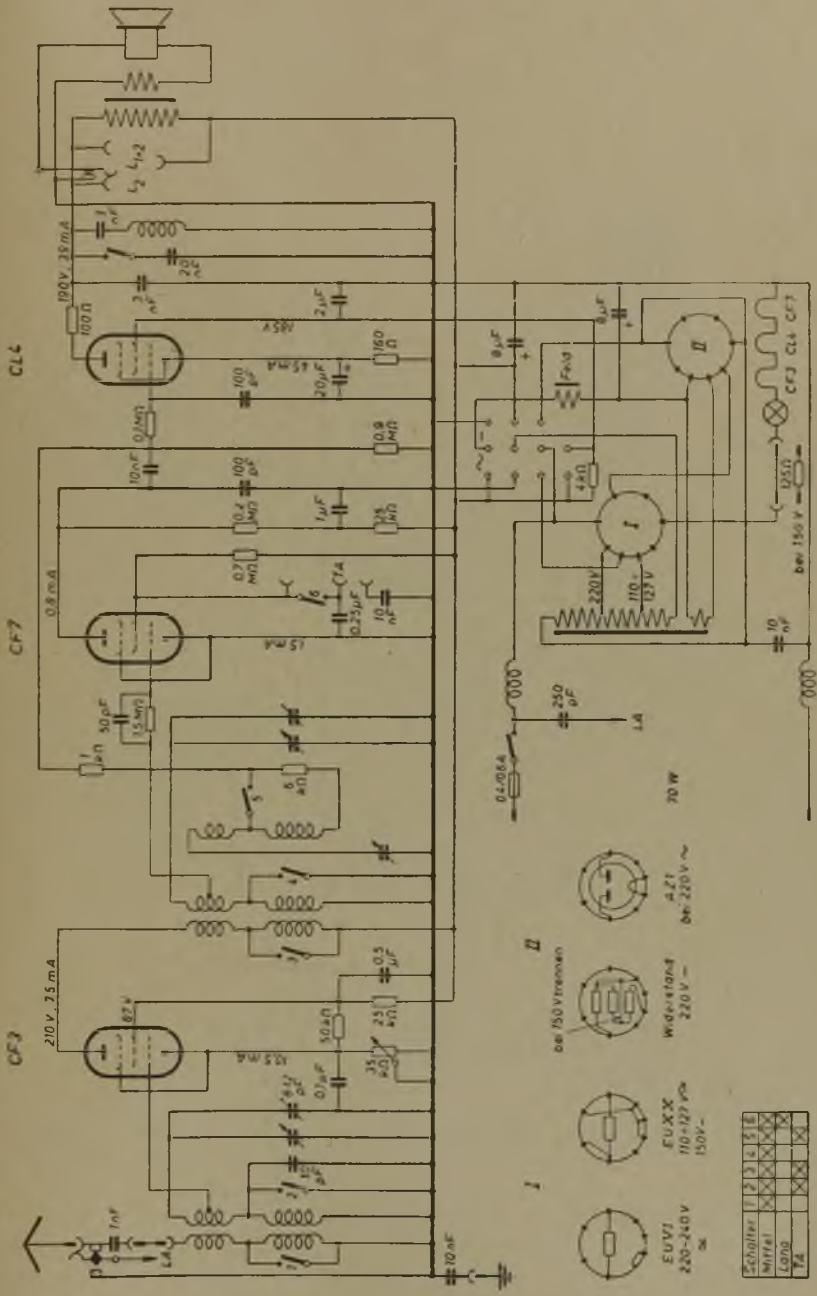
- 110/130V EUXX
- 220V Wierkring 4Z1
- 75W
- 1.4
- 250pF
- 0.4A

Schaltplan	1	2	3	4	5
Platt	1	2	3	4	5
Long	1	2	3	4	5
LA	1	2	3	4	5

ZF-488/173/21

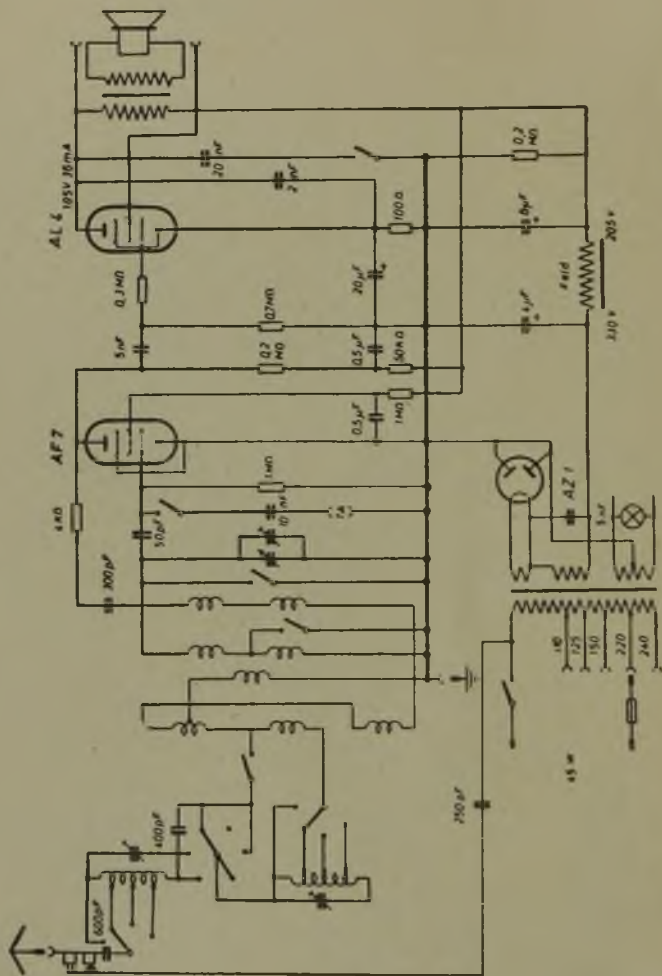


250V	210V	110V	225V	150V	225V
55W	250V	10000μF	1000μF	500μF	200μF
10000μF	1000μF	500μF	200μF	100μF	50μF
20μF	10μF	5μF	2μF	1μF	0.5μF
0.2μF	0.1μF	0.05μF	0.01μF	0.001μF	

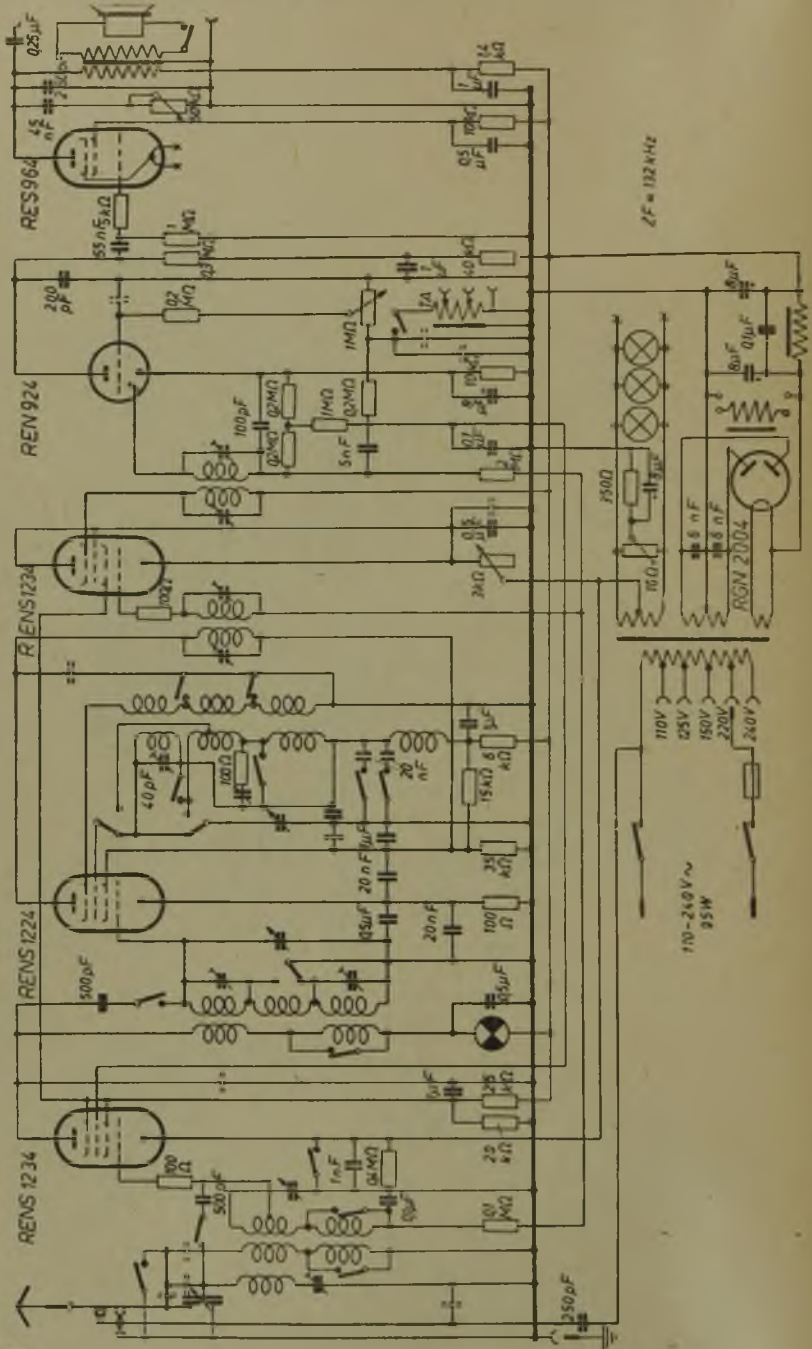


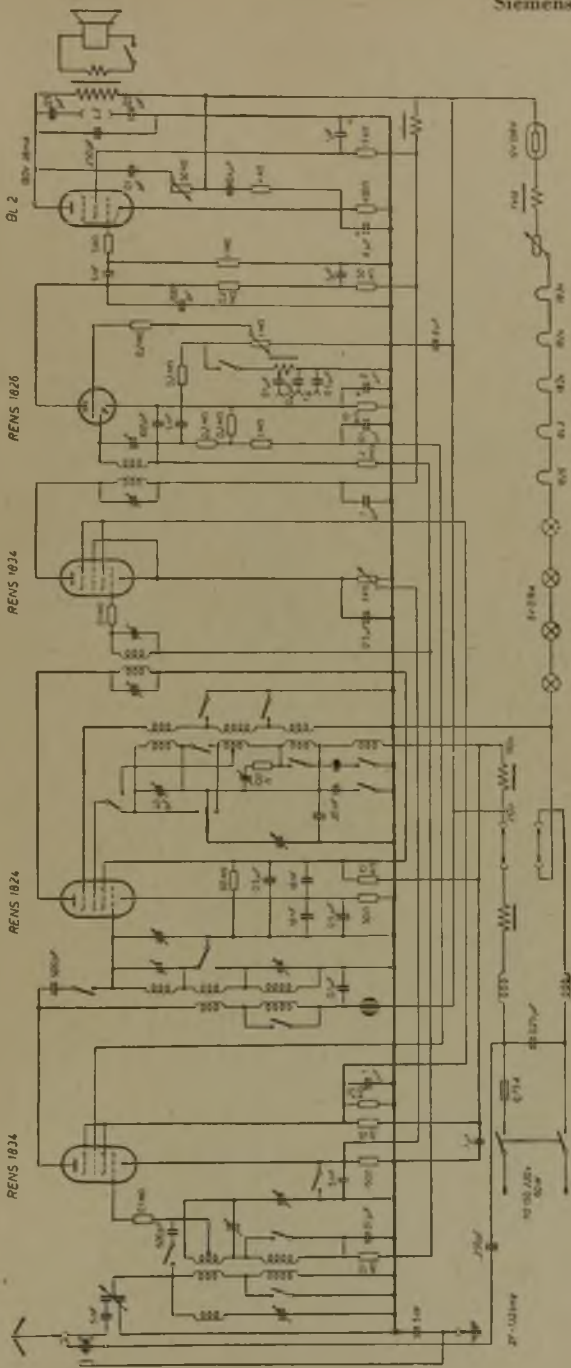
Schalter	1	2	3	4	5
Mittel	X	X	X	X	X
Licht	X	X	X	X	X
LA	X	X	X	X	X

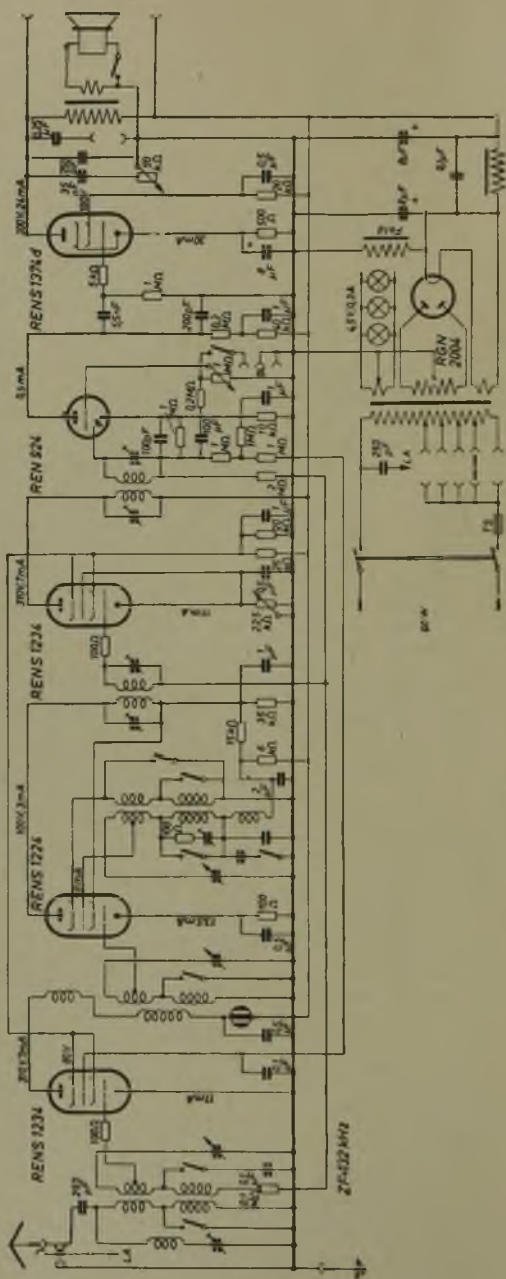
- I
- II
- III
- de 150 Voltoren
- EUVI 230-240V
- EUVX 110-127V
- de 220V ~
- 4-Z
- de 220V ~
- Widerstand 220V ~
- 30 W
- LA

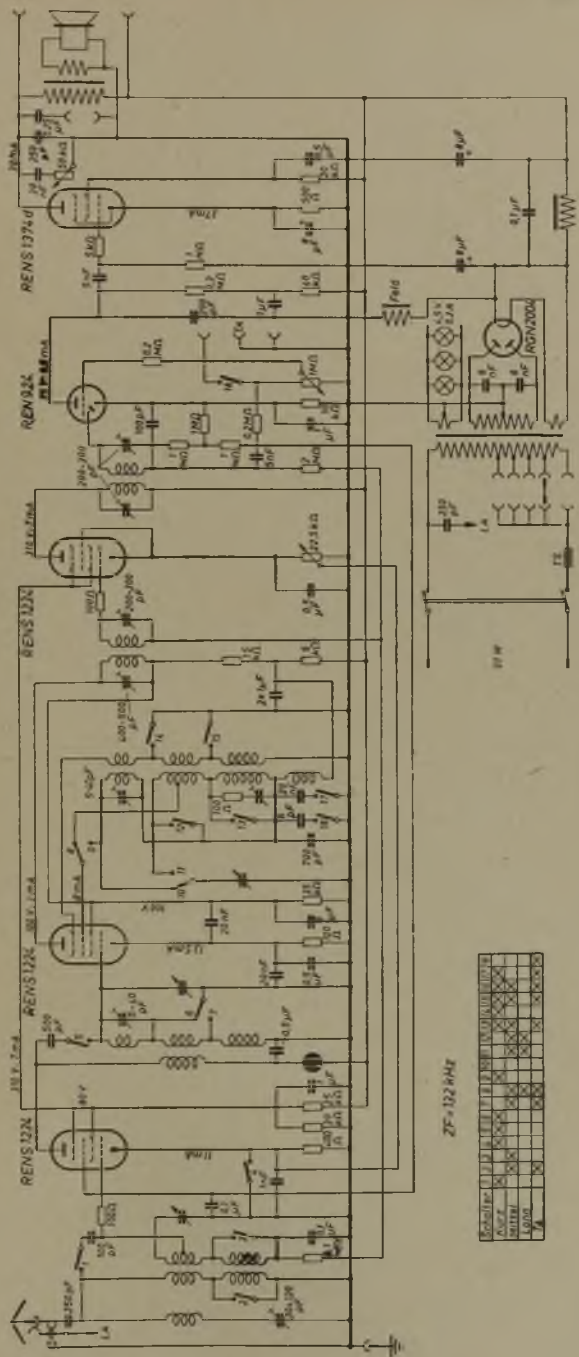


Siemens 57 WLK



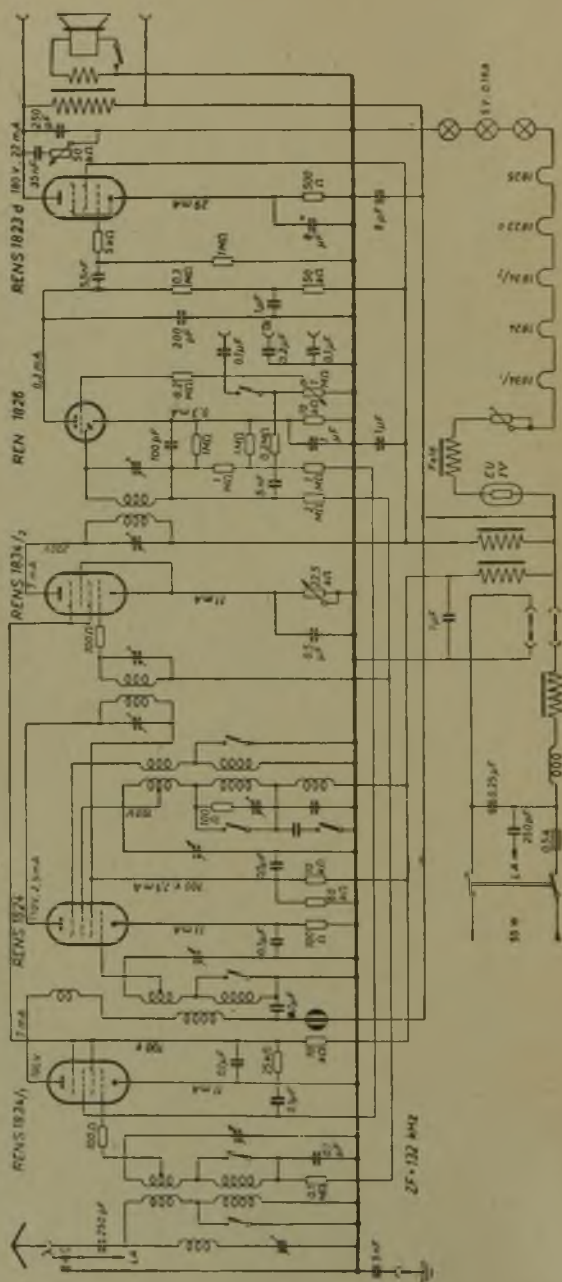


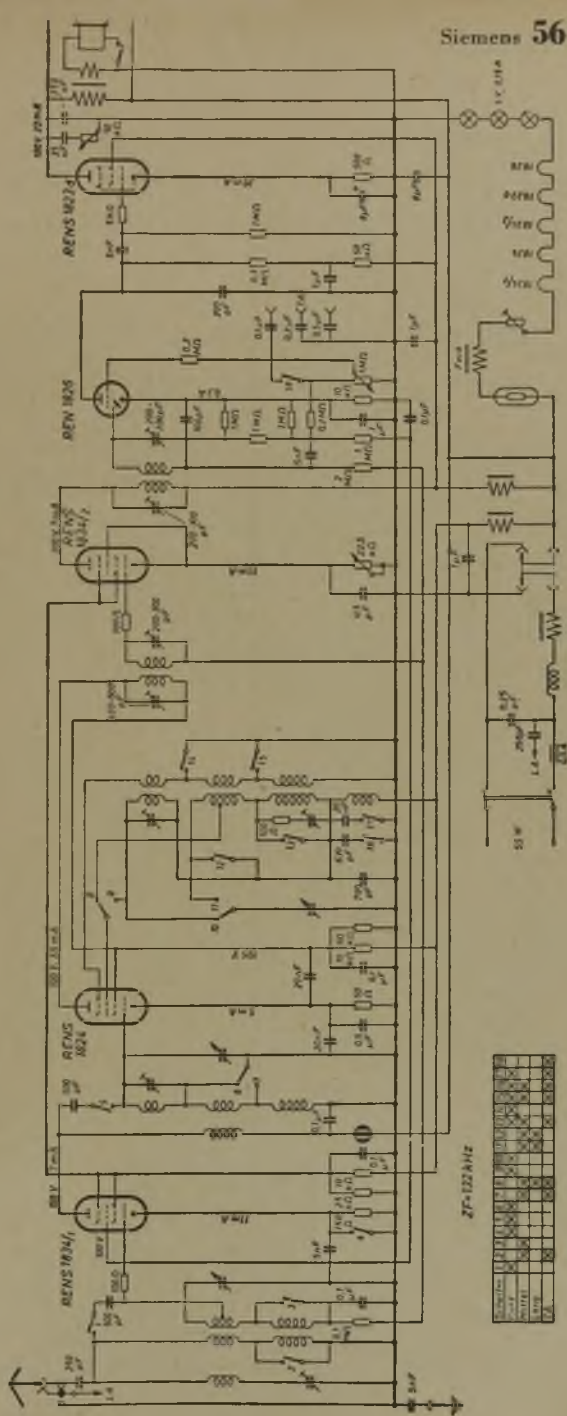




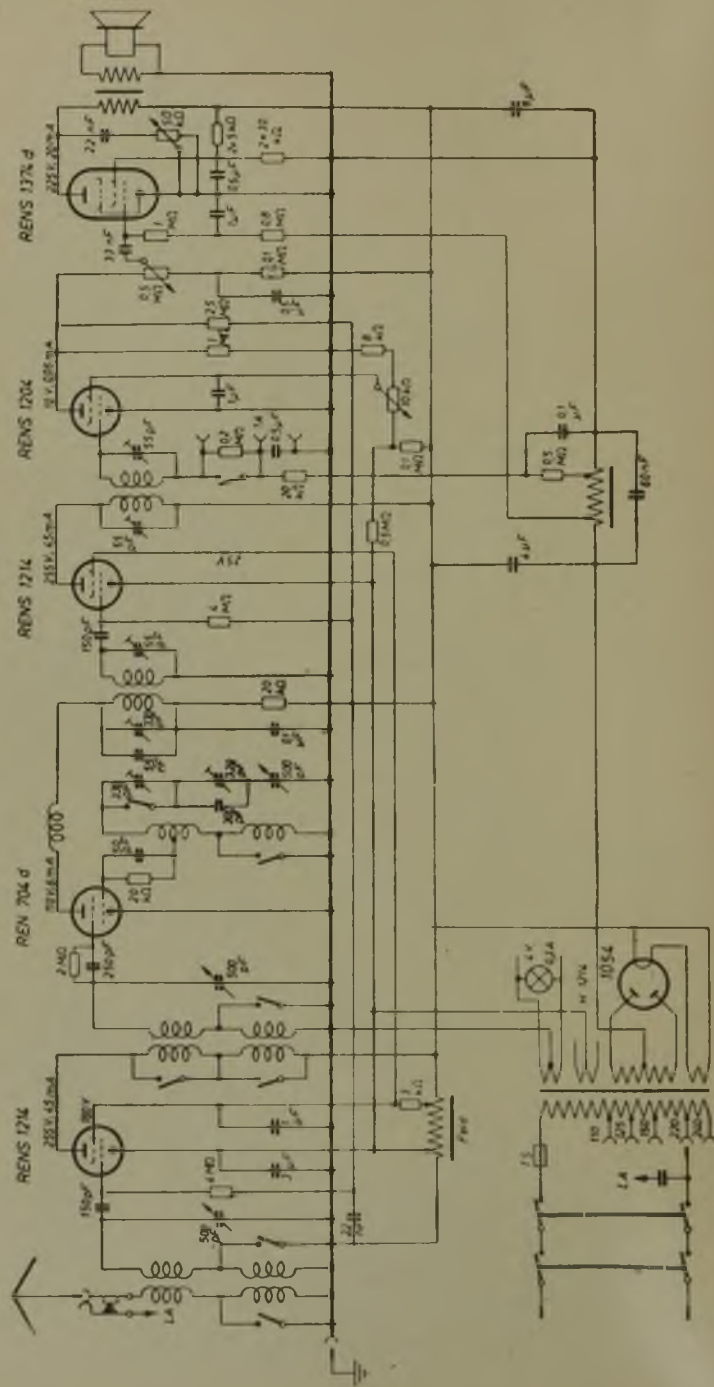
2F=122 kHz

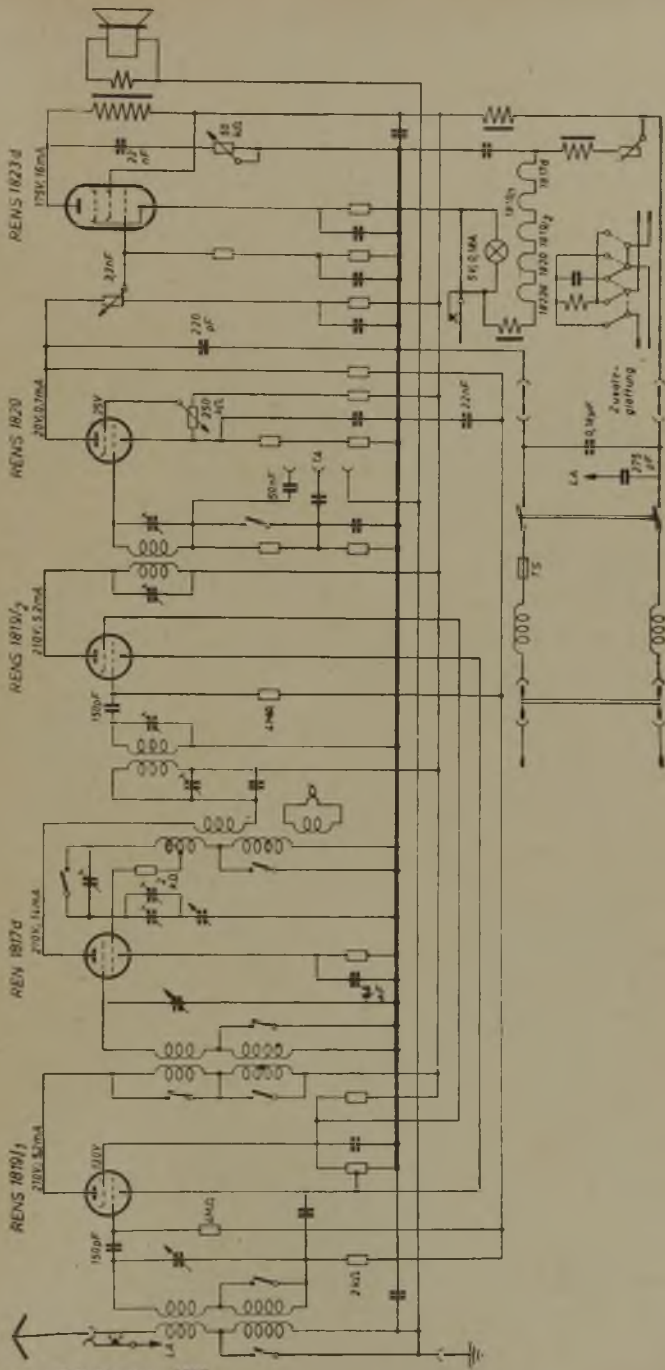
RESONANZ	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
WERT	10	20	30	40	50	60	70	80	90	100	150	200	300	400	500	600	700	800	900	1000
LAUF	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LAUF	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

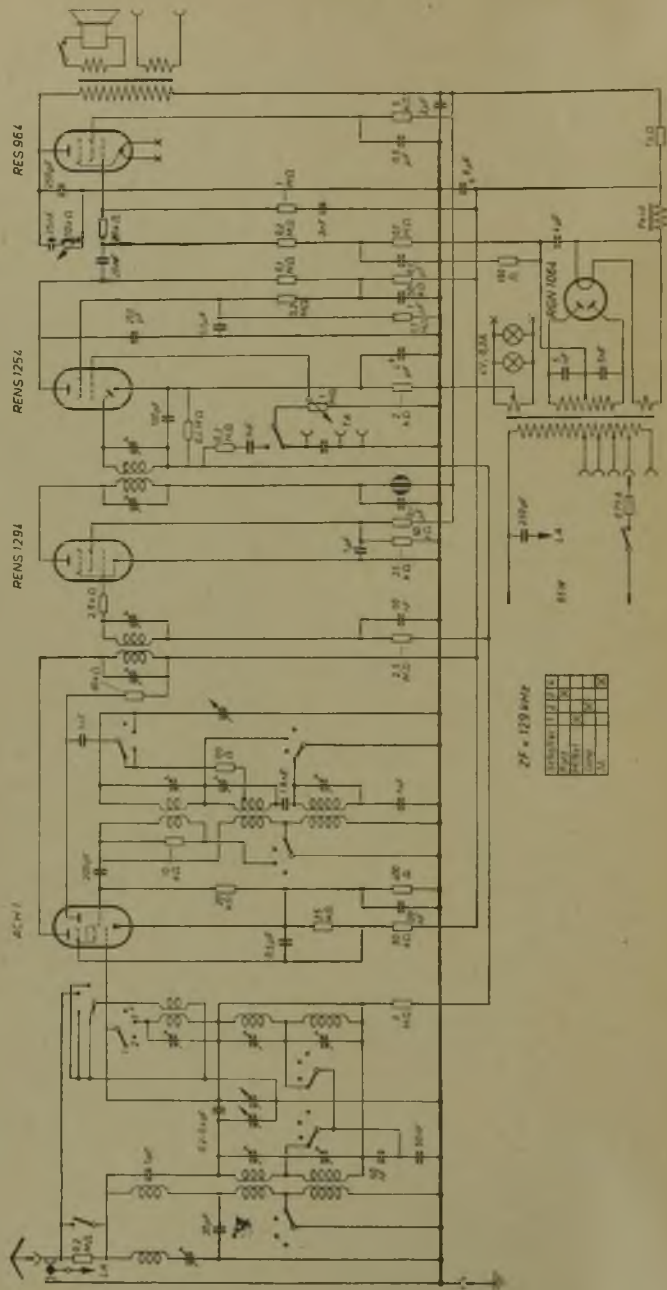


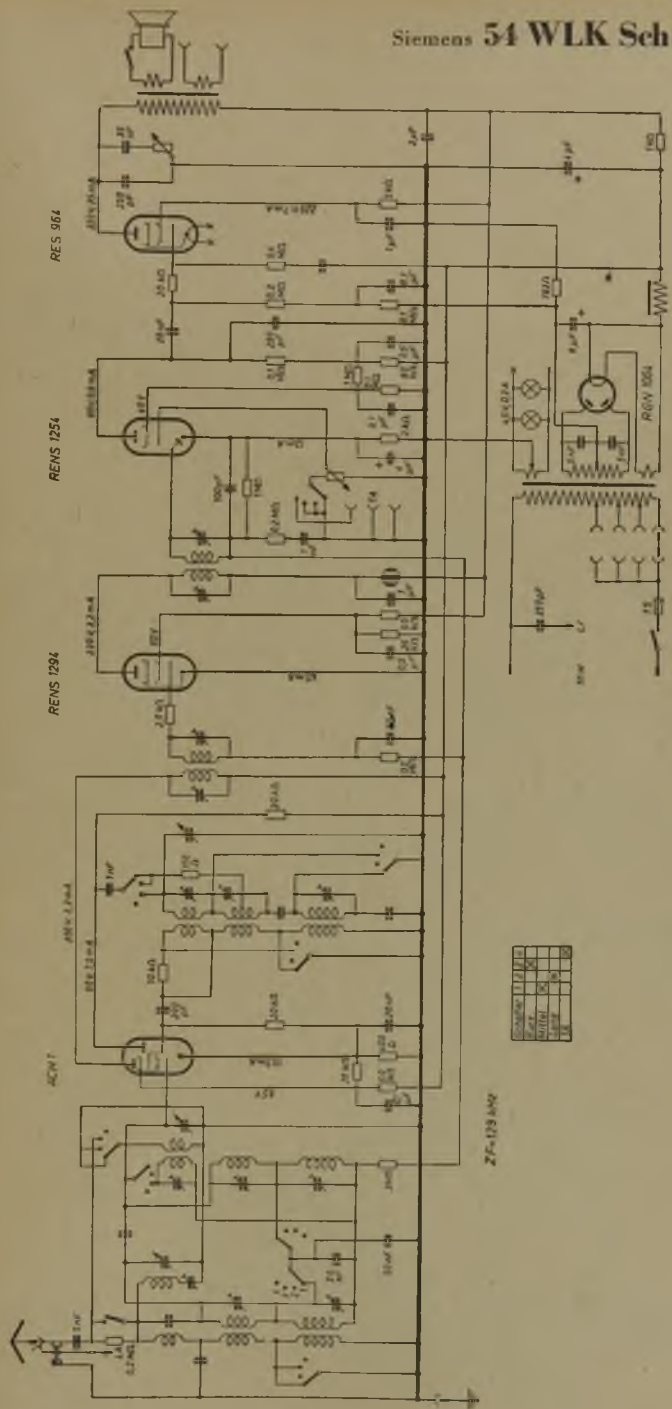


Pos.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
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10																				
11																				
12																				
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14																				
15																				
16																				
17																				
18																				
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20																				



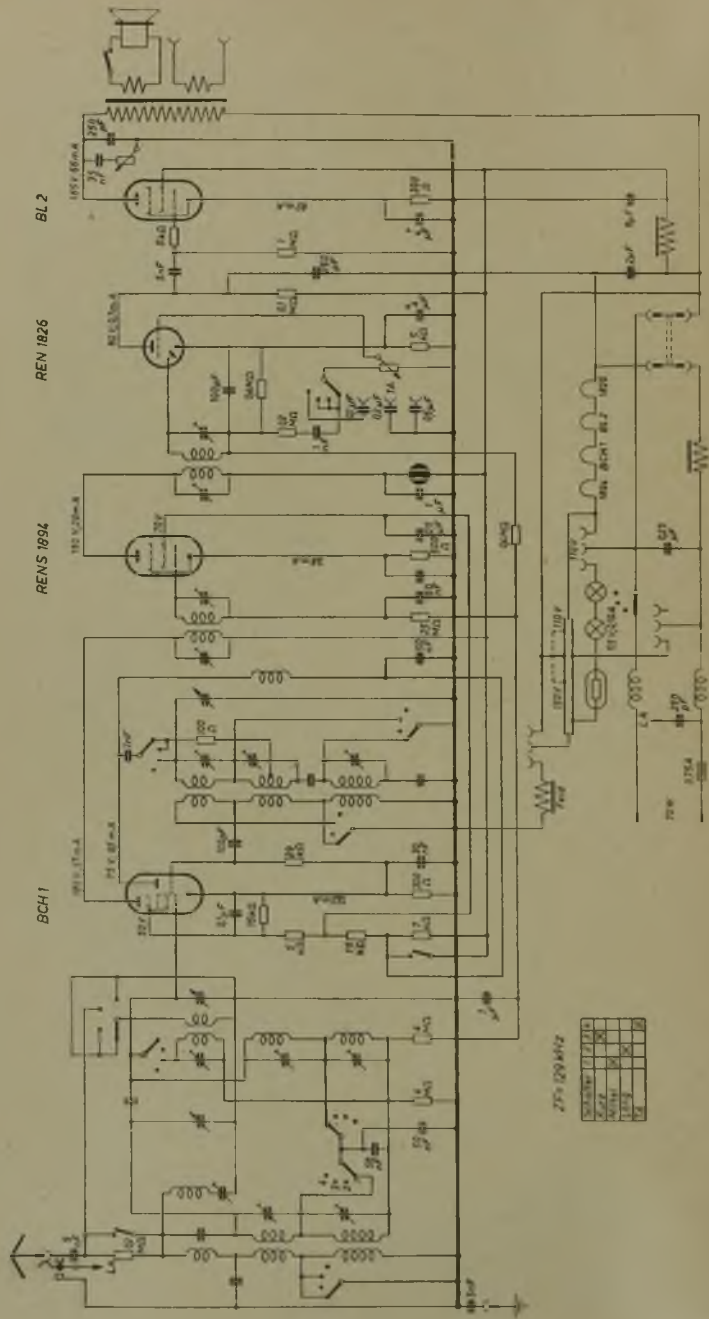






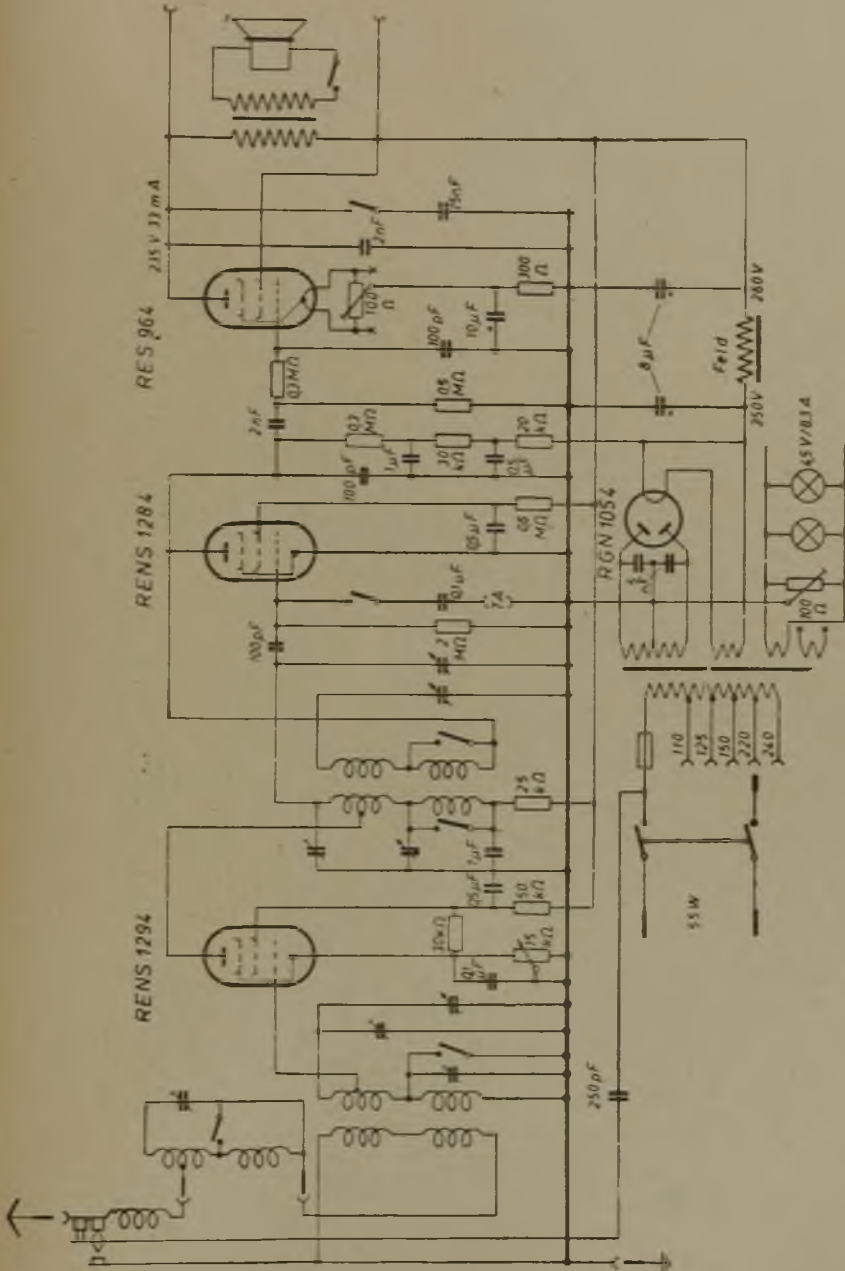
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24

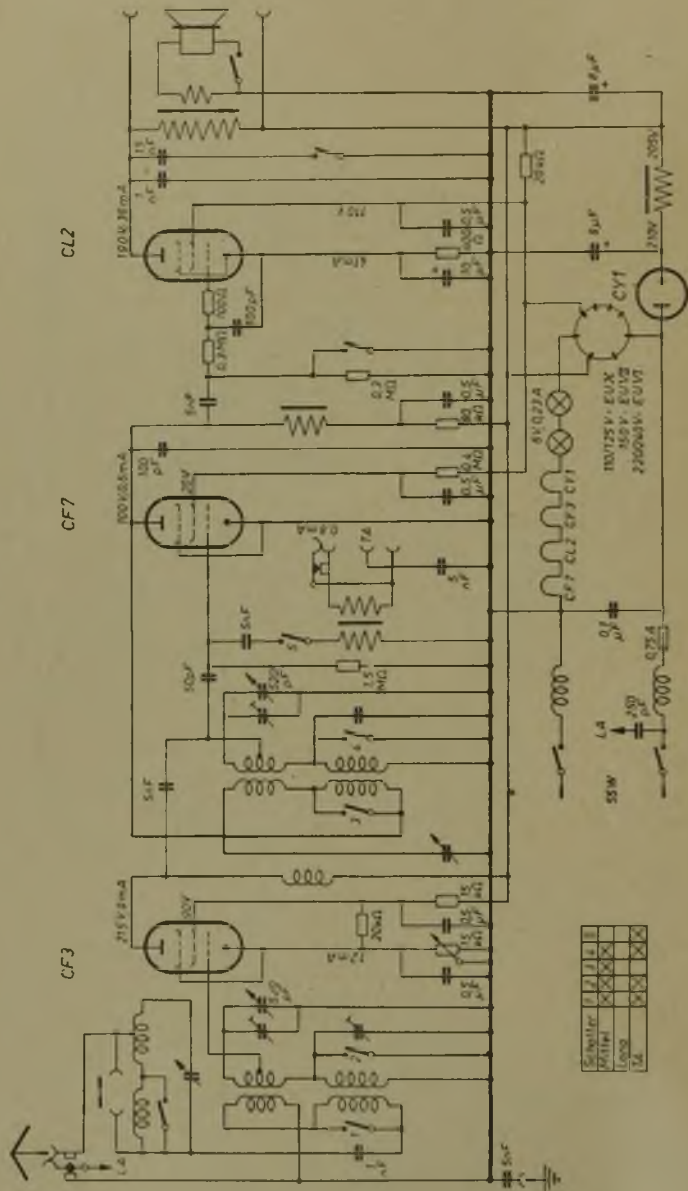
Siemens 54 GLK Schatulle

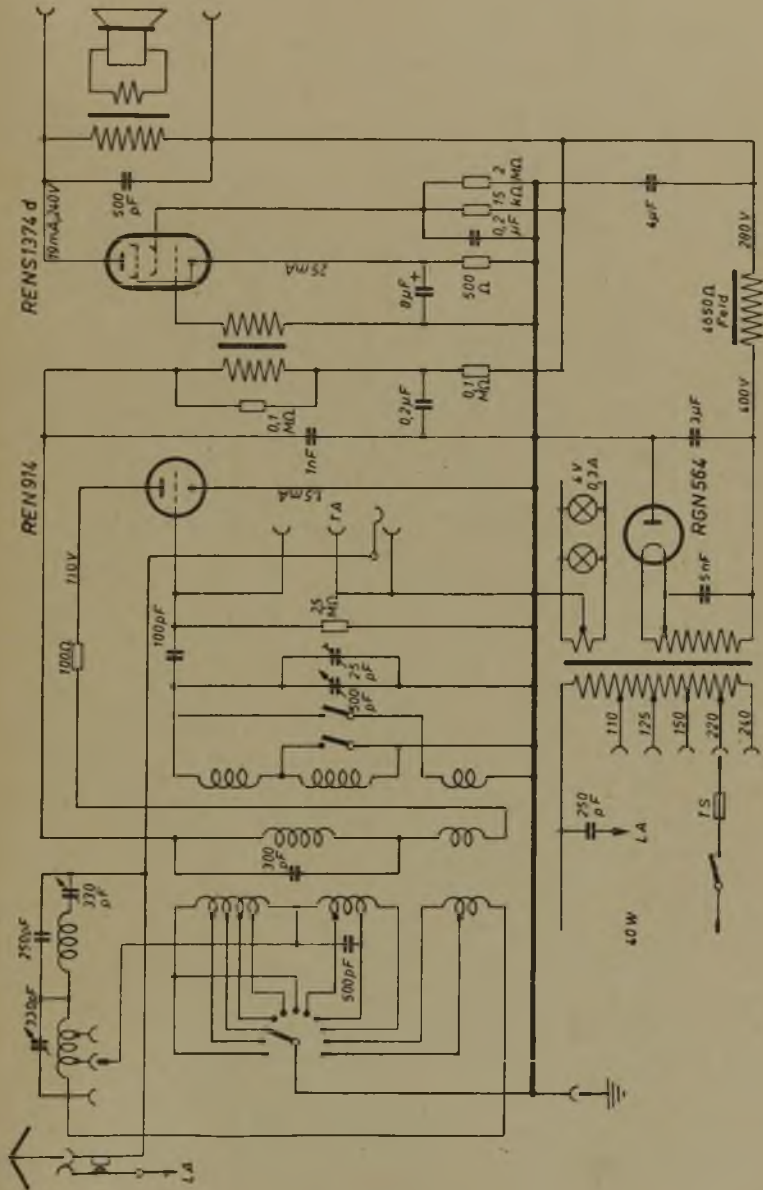


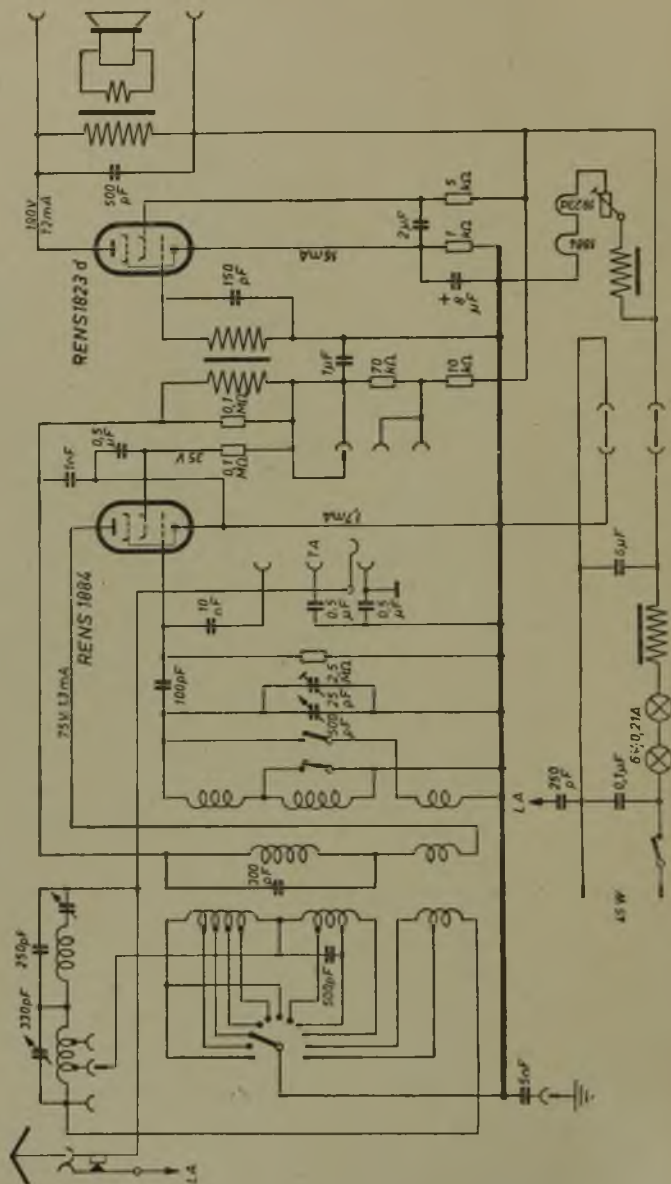
275 129 6172

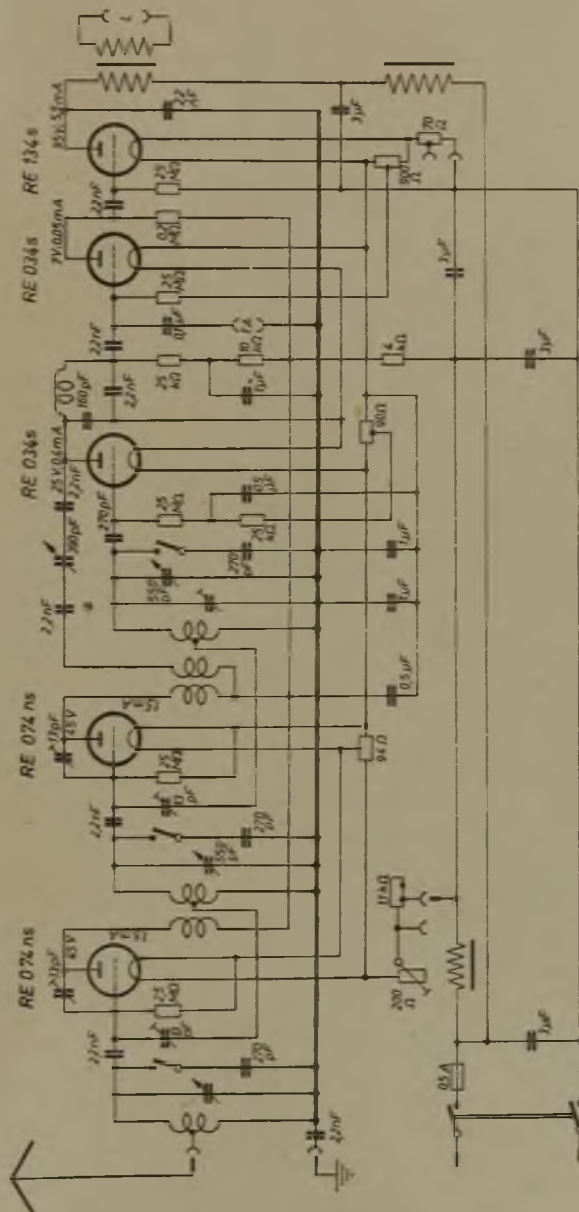
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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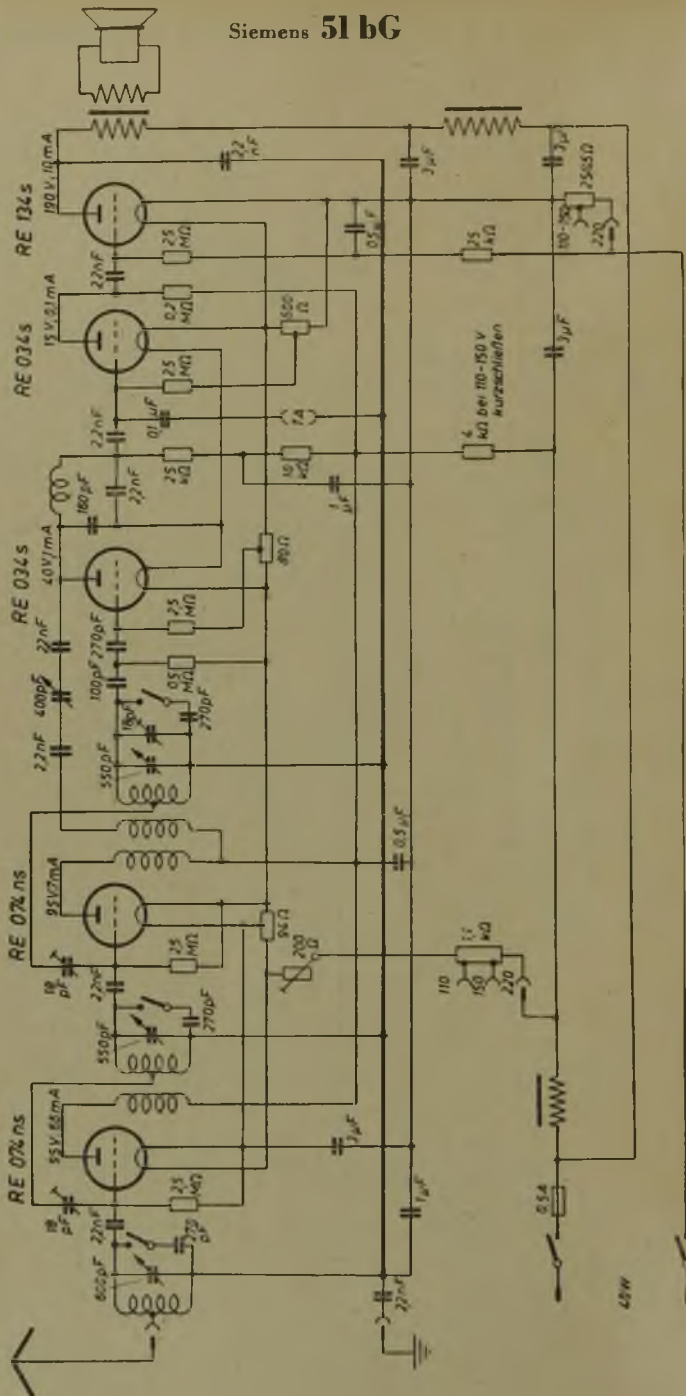


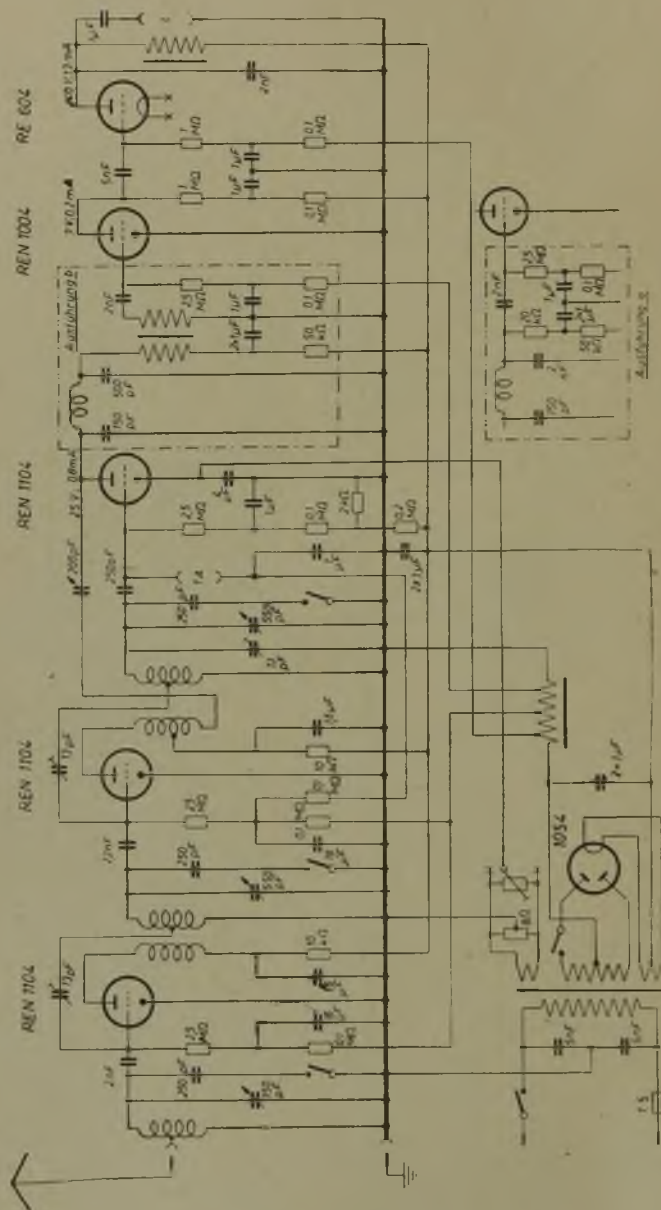


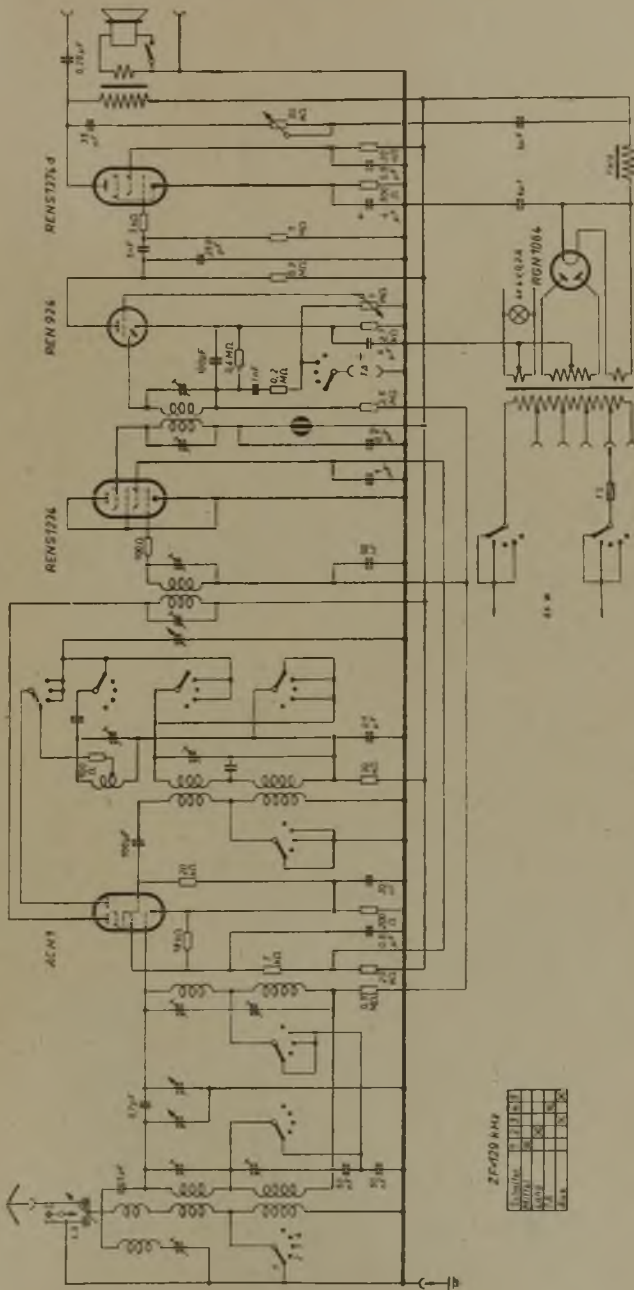






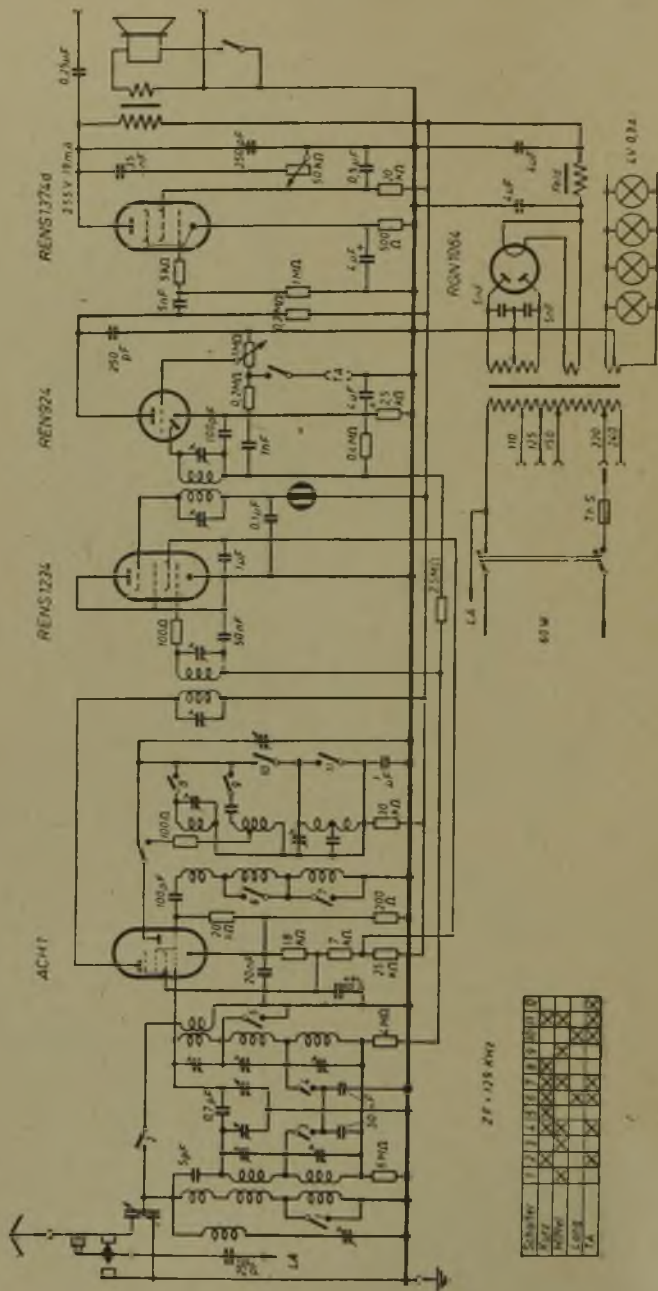






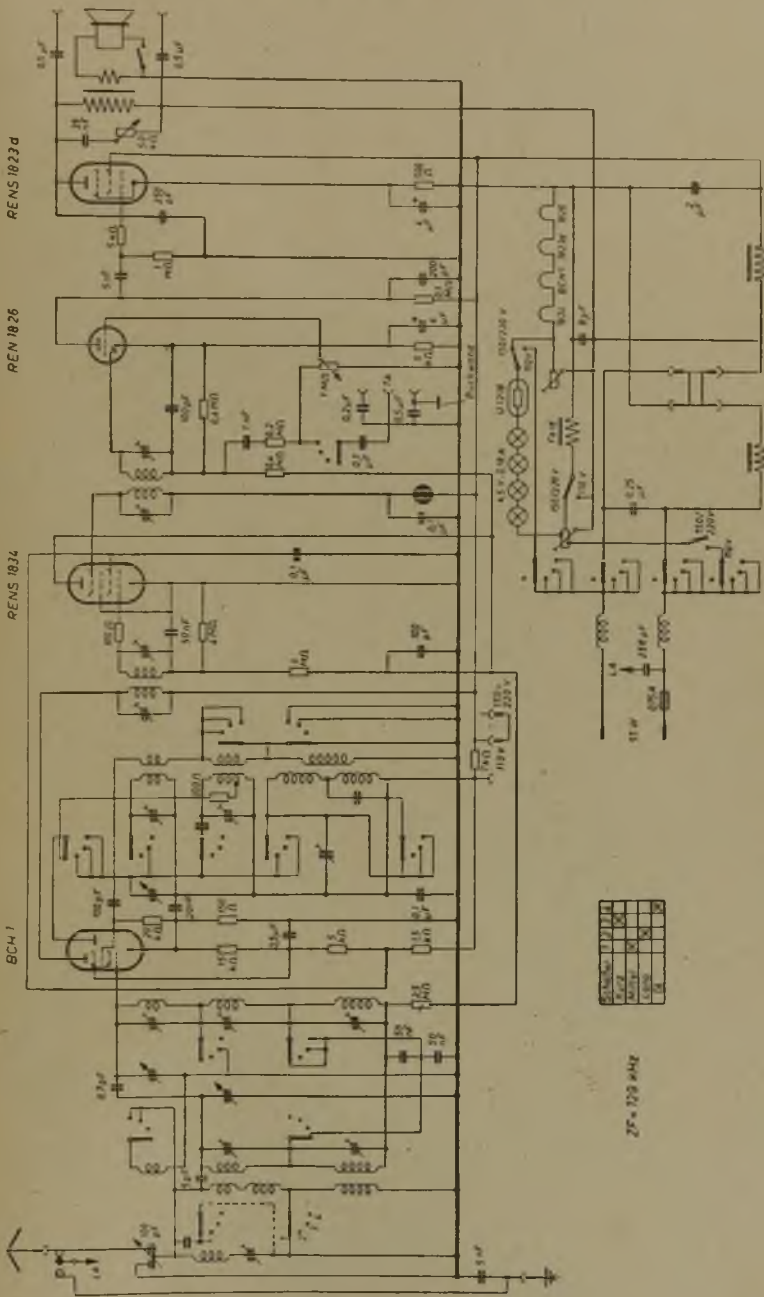
2F=120 kHz

1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10



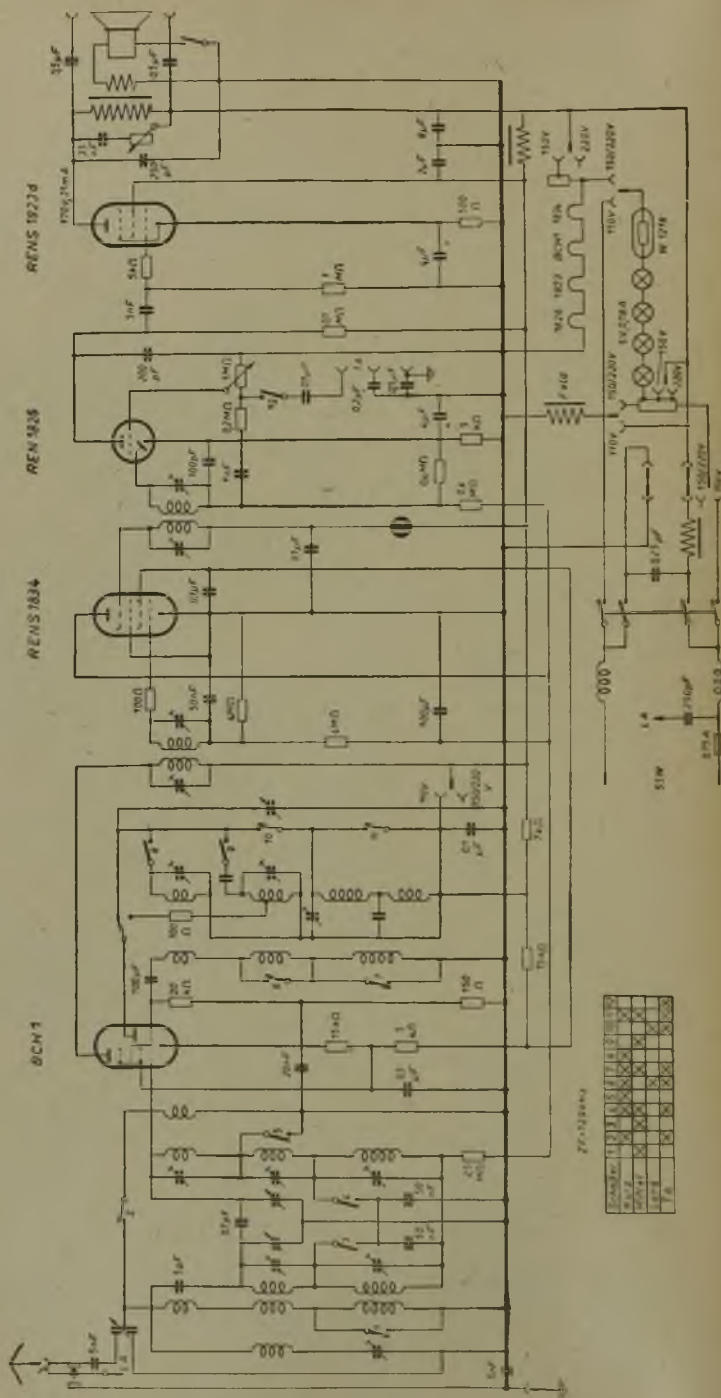
ZF = 128 kHz

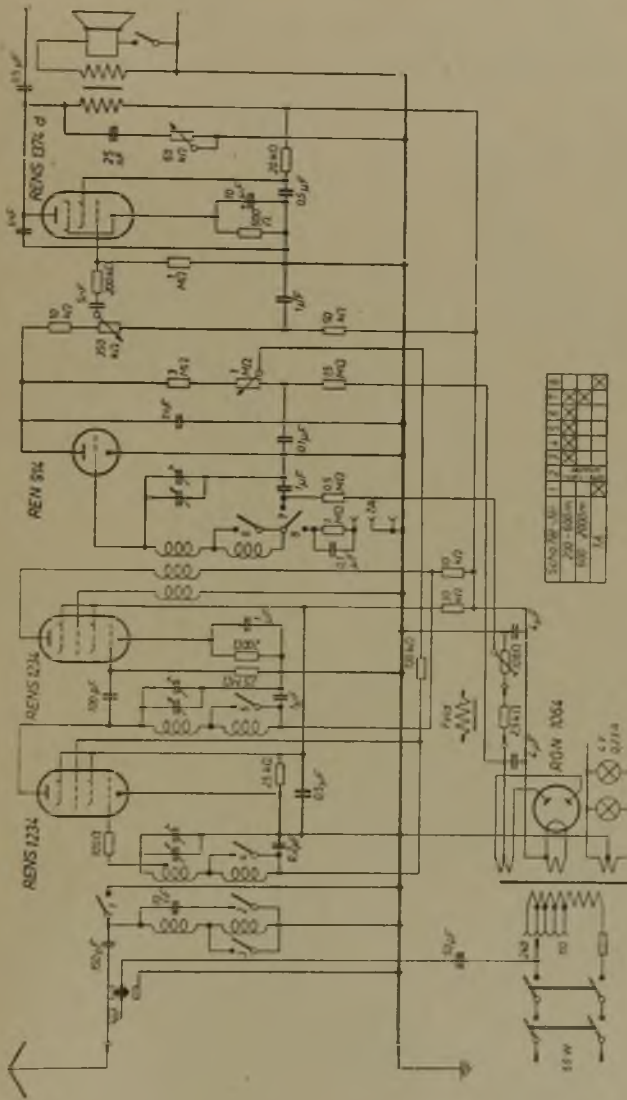
Symbol	1	2	3	4	5	6	7	8	9	10	11	12
Schalt	X	X	X	X	X	X	X	X	X	X	X	X
WZ	X	X	X	X	X	X	X	X	X	X	X	X
WZ	X	X	X	X	X	X	X	X	X	X	X	X
Log	X	X	X	X	X	X	X	X	X	X	X	X
TA	X	X	X	X	X	X	X	X	X	X	X	X

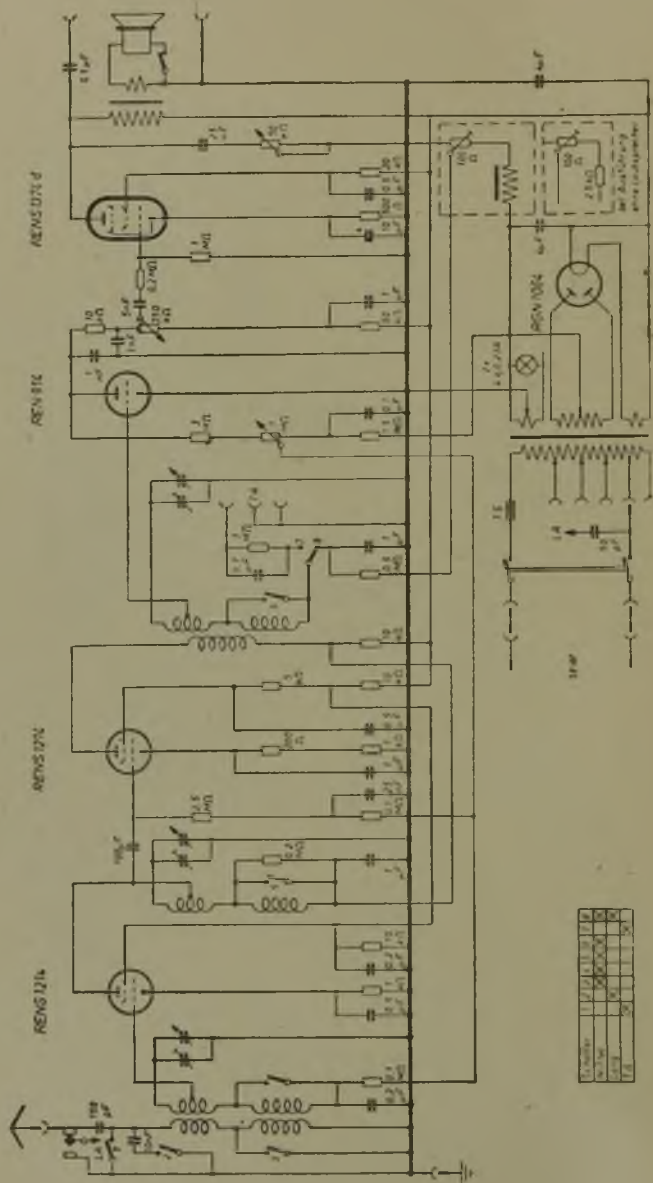


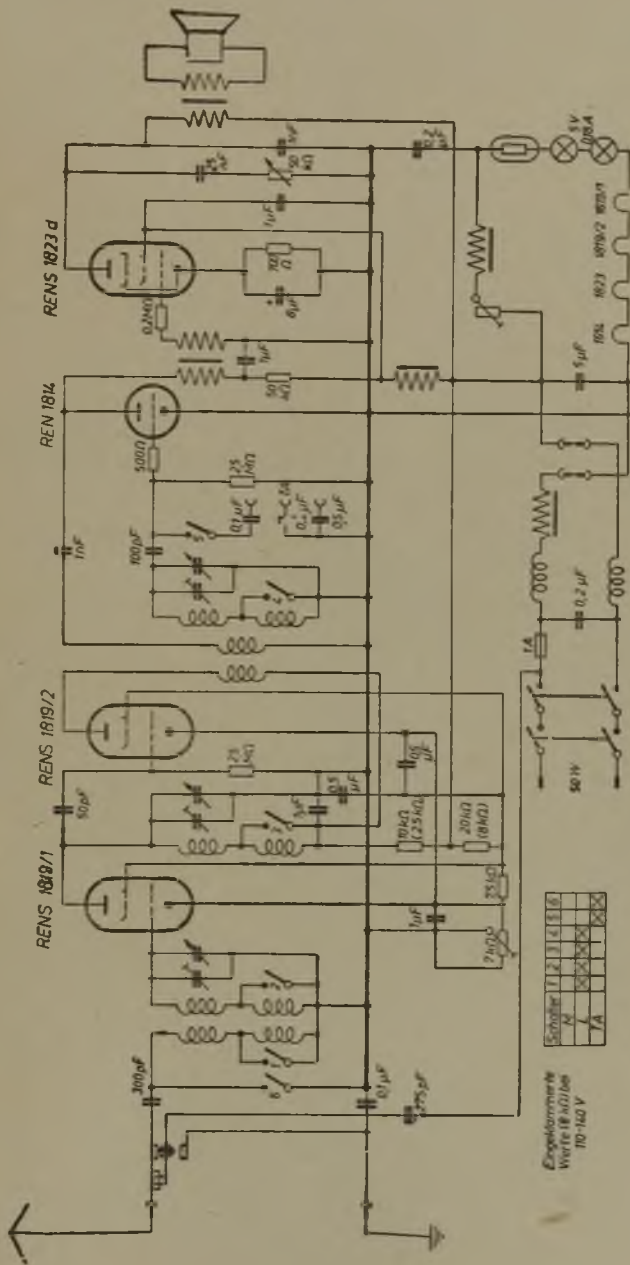
TYPE	VALUE	UNIT
RESISTANCE	10	Ω
RESISTANCE	100	Ω
RESISTANCE	1000	Ω
RESISTANCE	10000	Ω
RESISTANCE	100000	Ω
RESISTANCE	1000000	Ω

ZF = 120 kHz



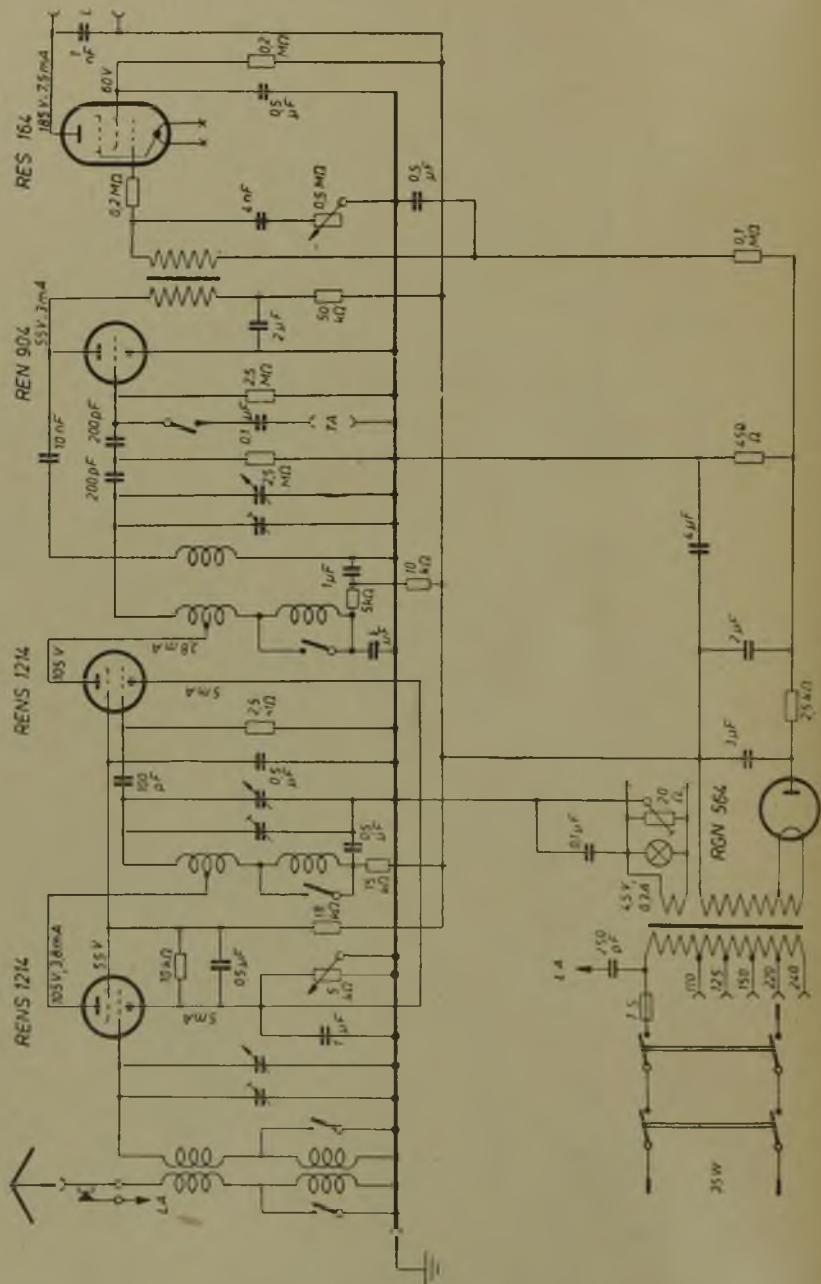


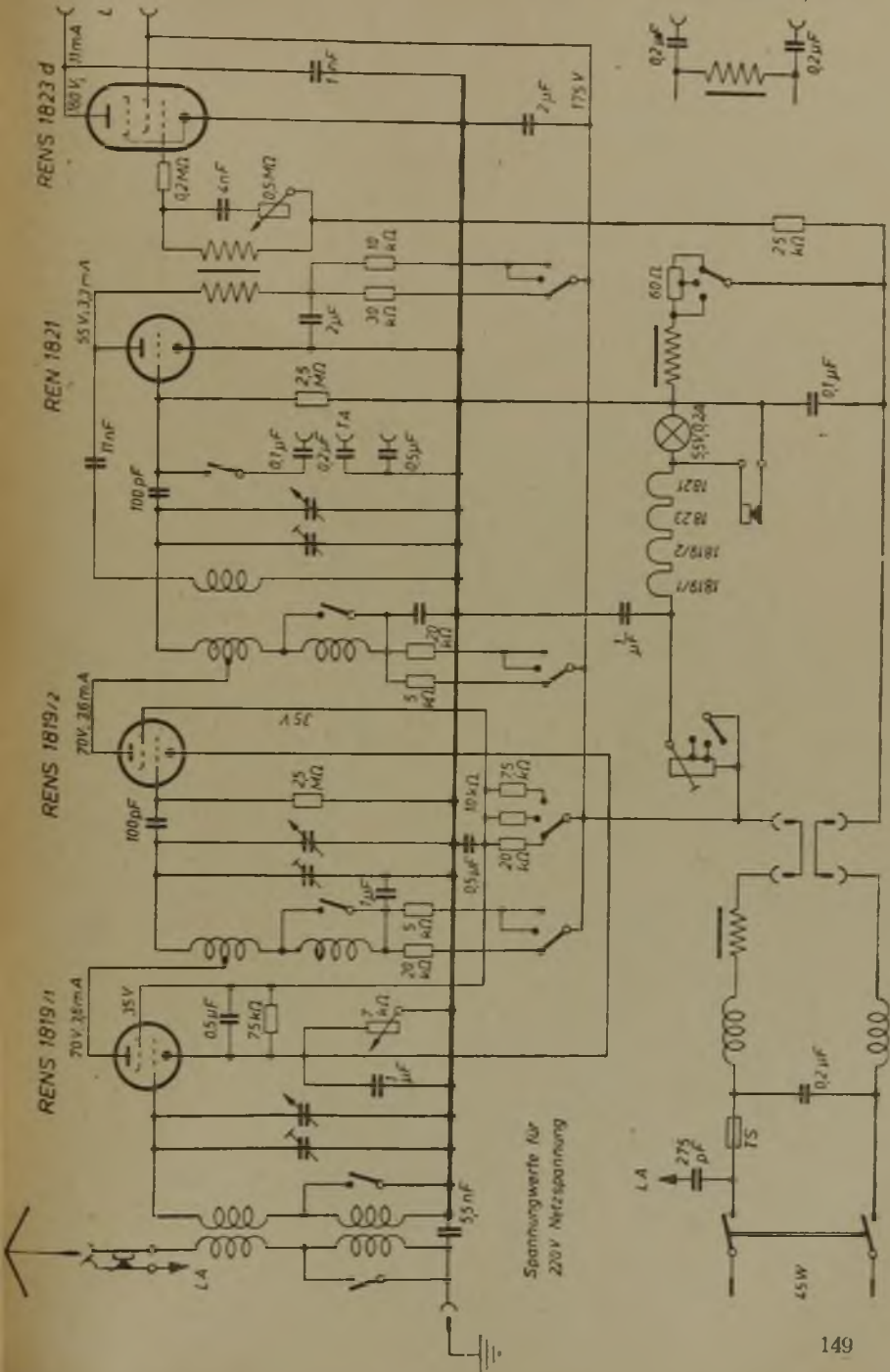


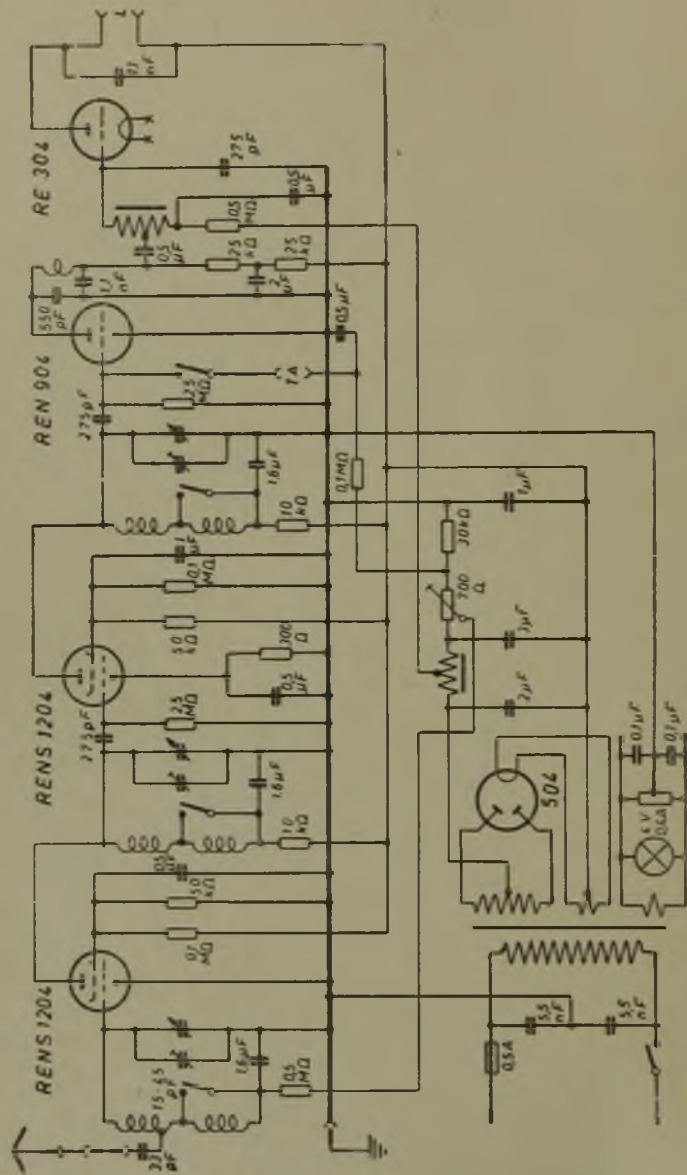


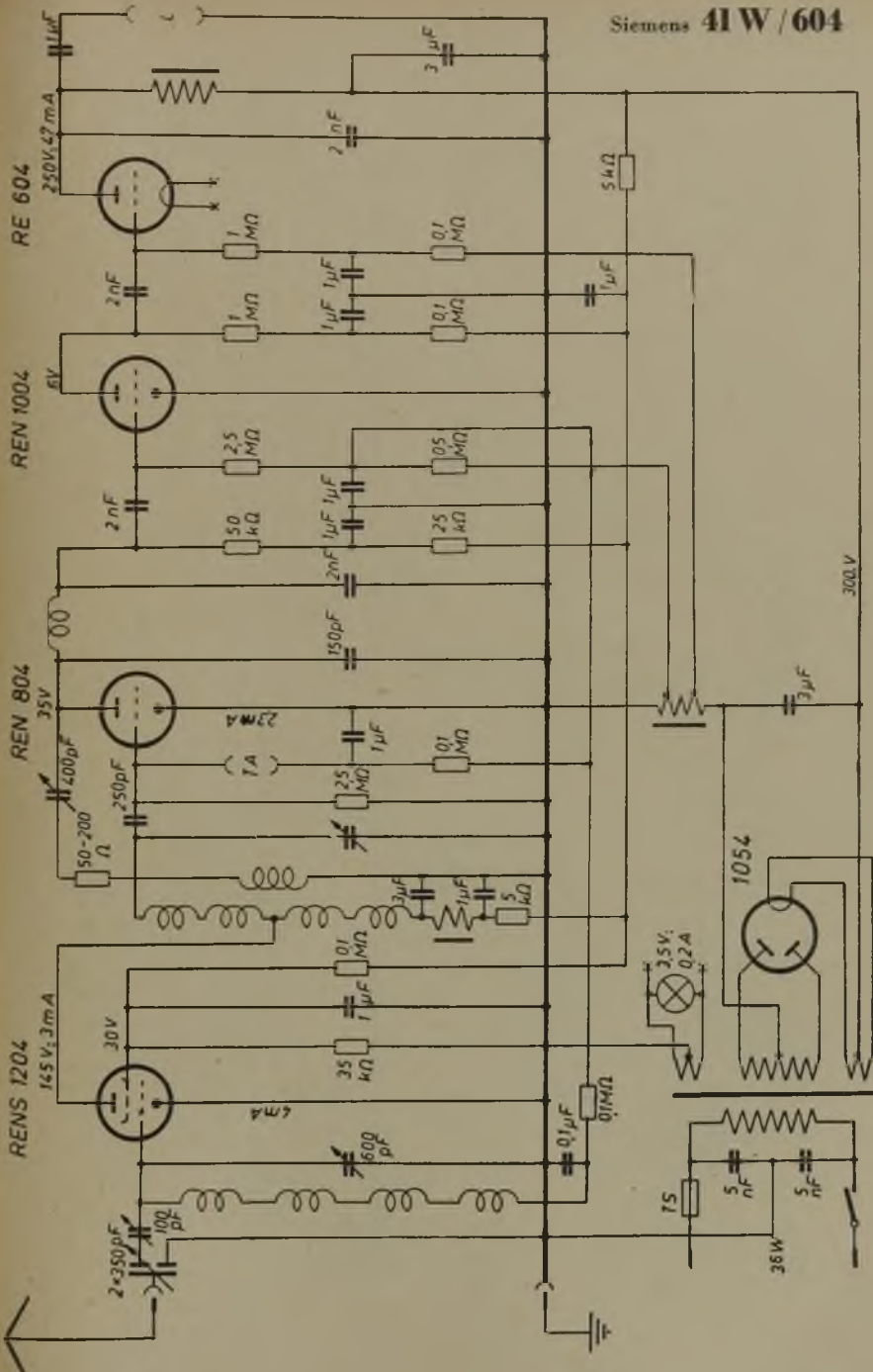
Schalter	1	2	3	4	5	6
A						
A						

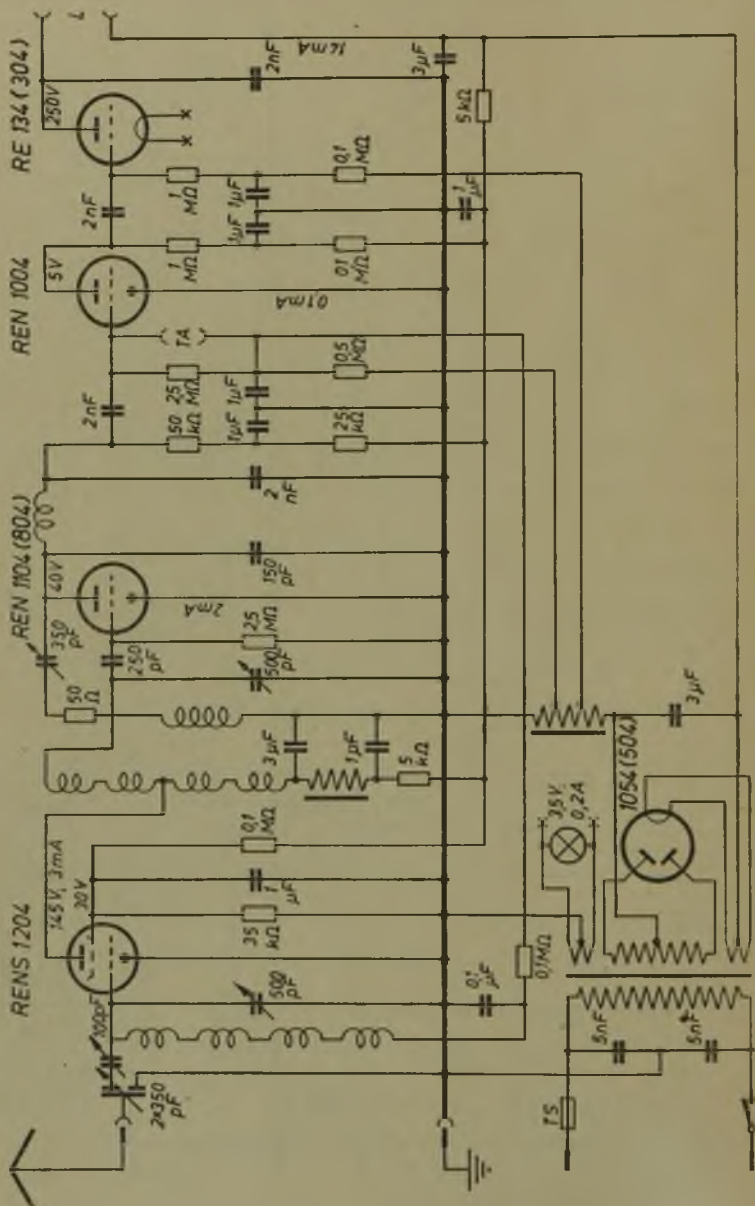
Empfehlene Werte (8 MΩ/See 10-100 V)

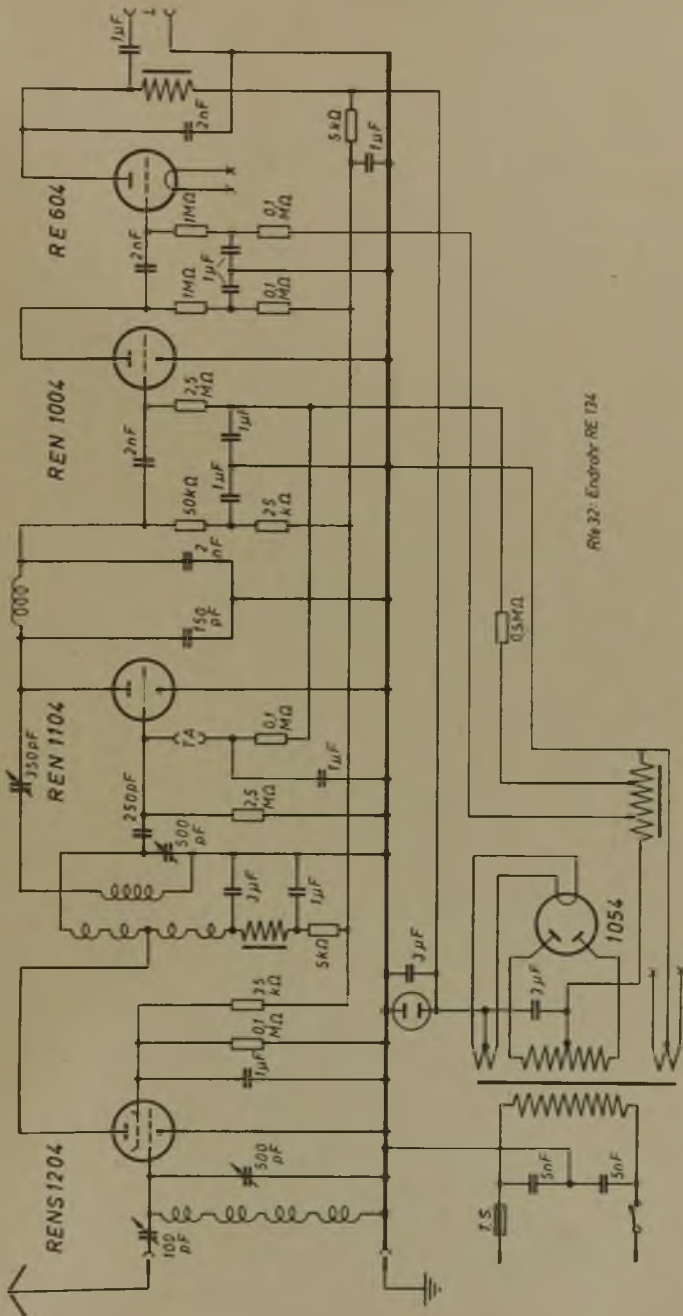


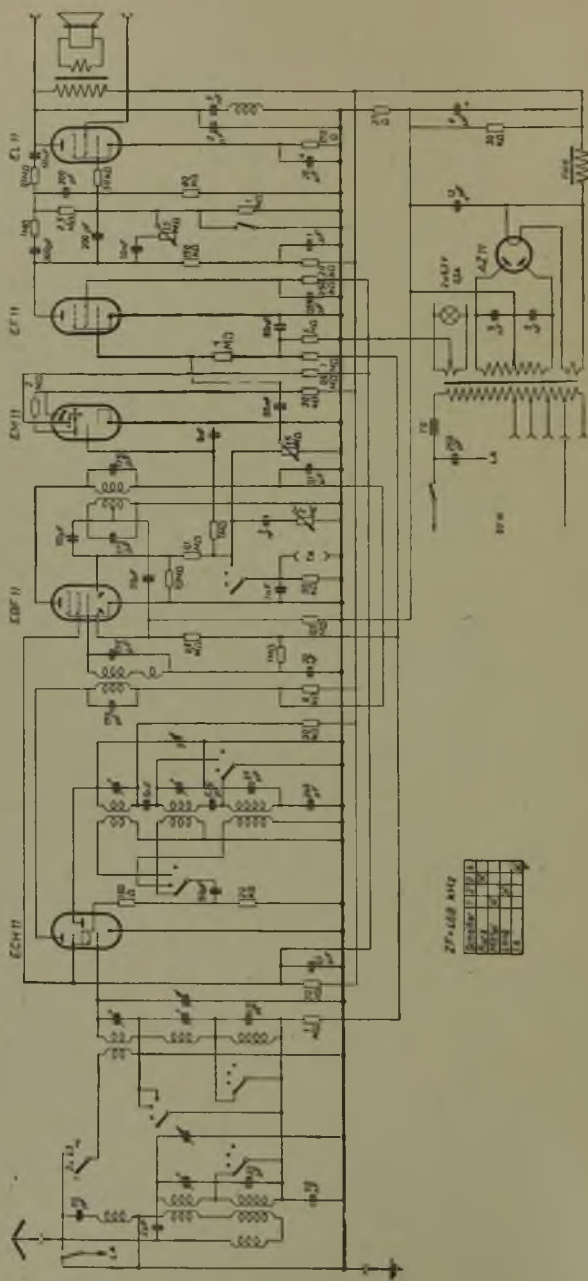


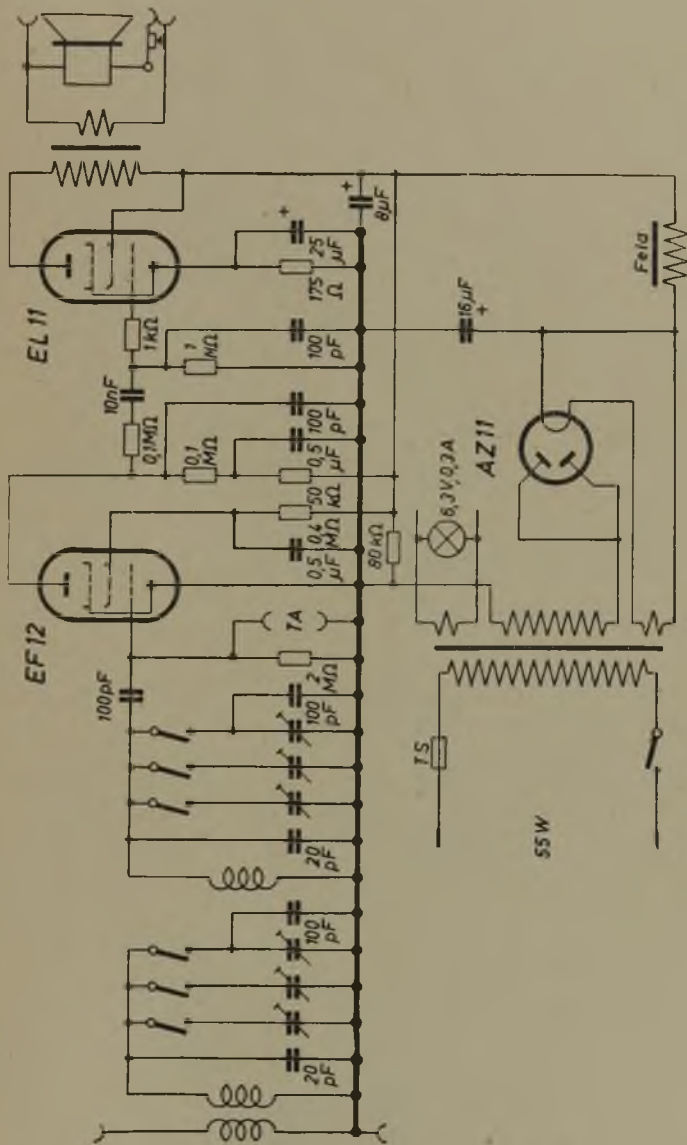


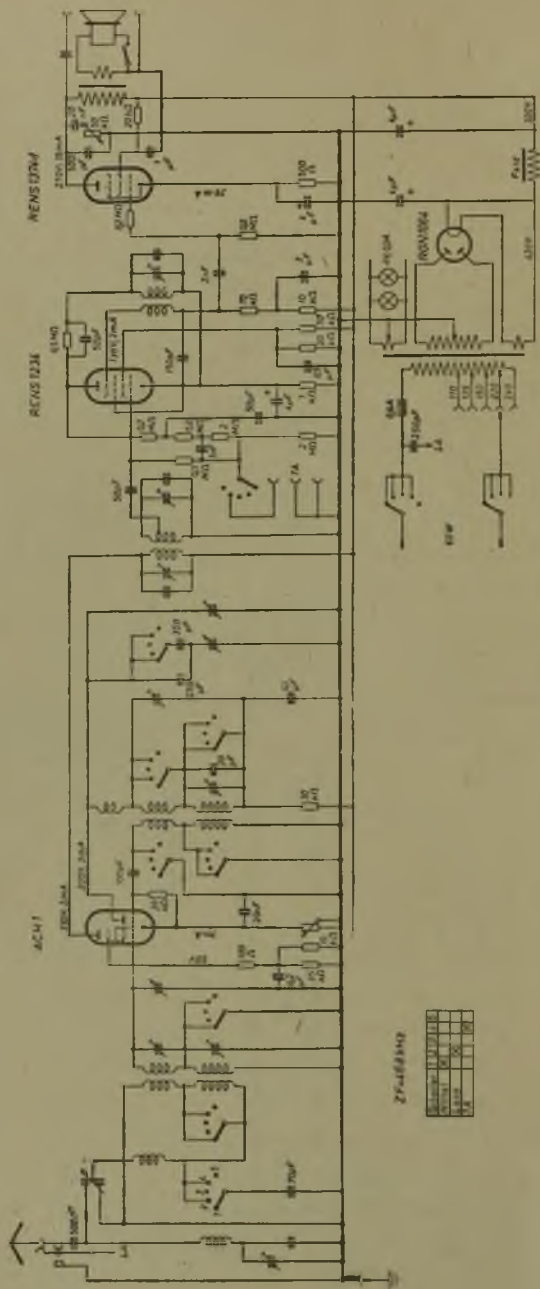


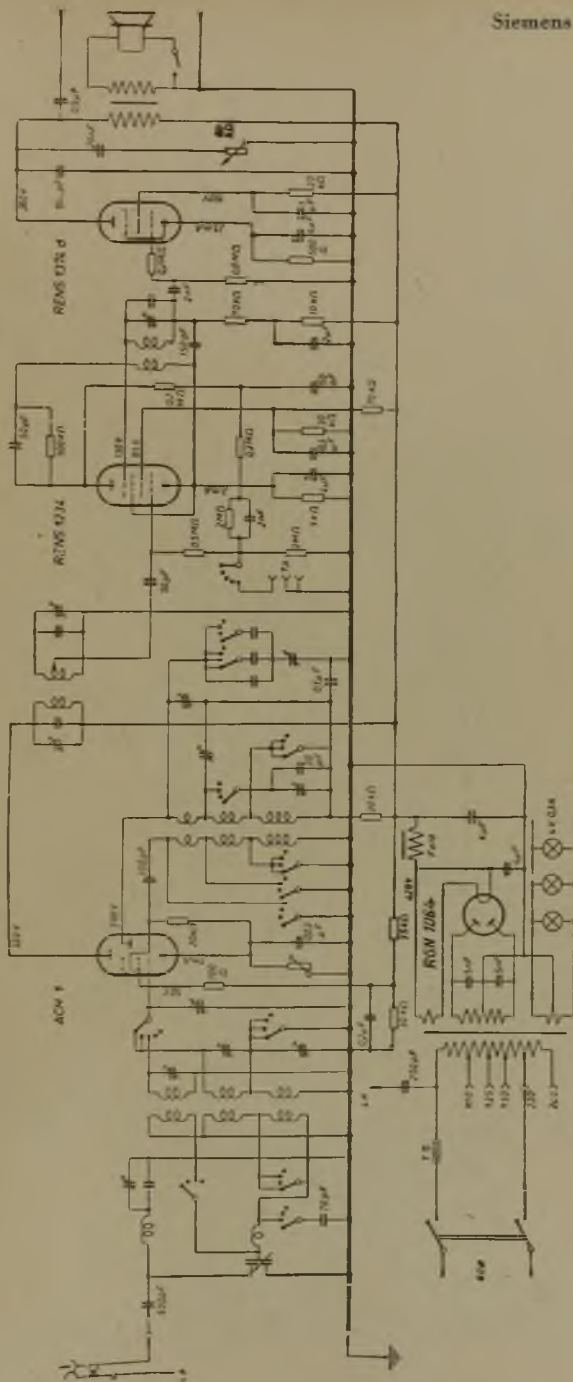


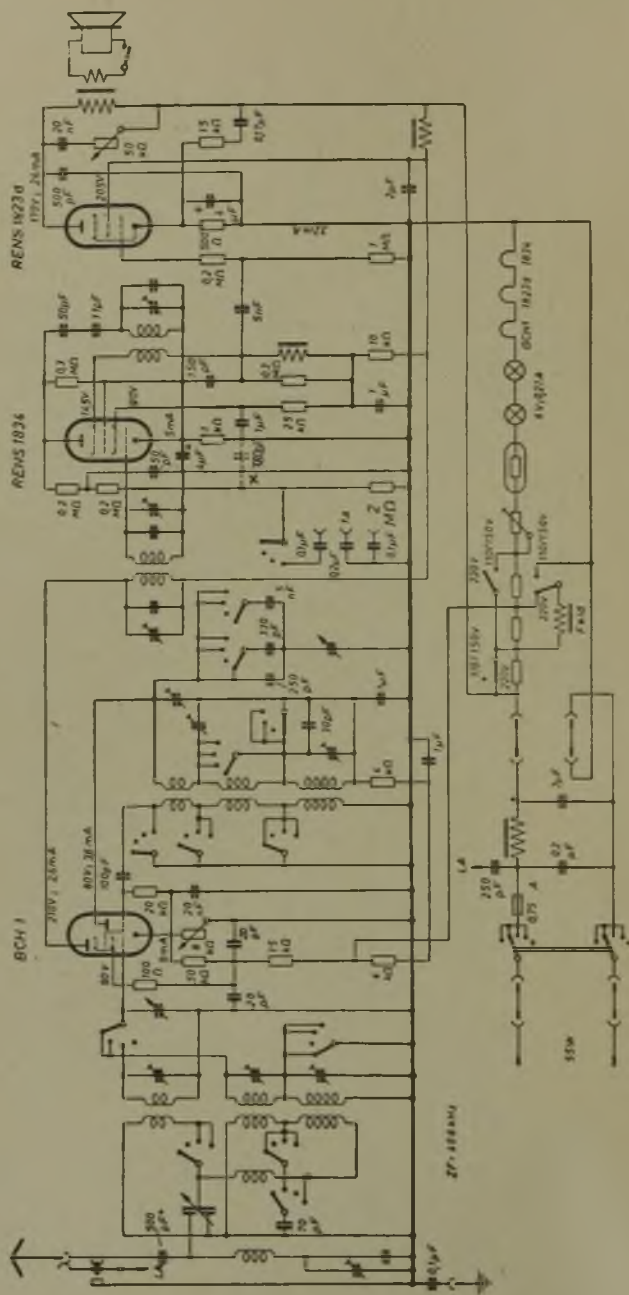




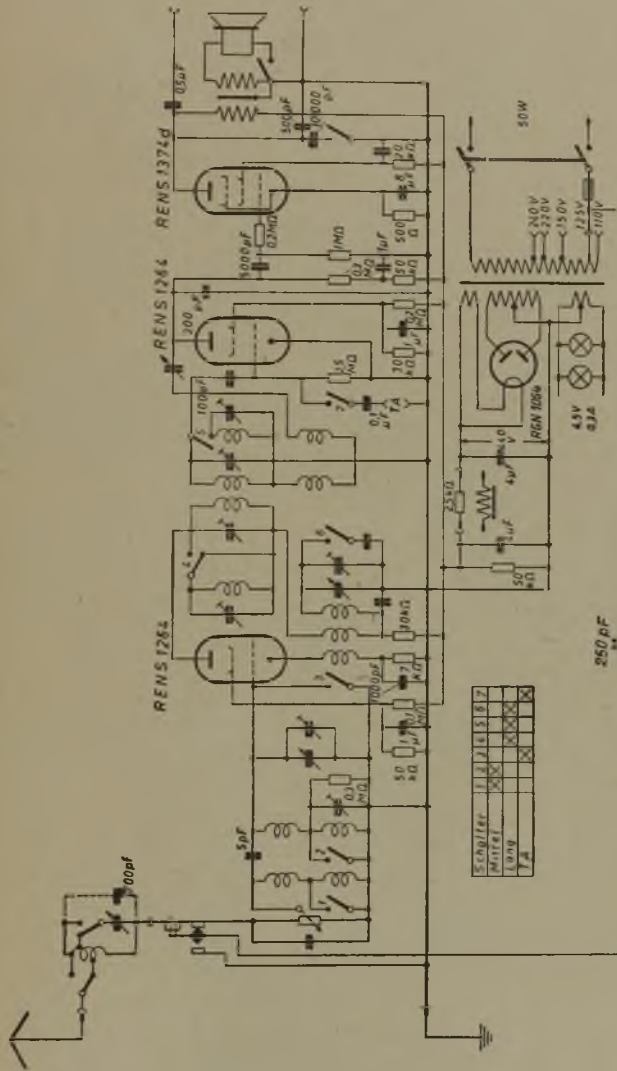


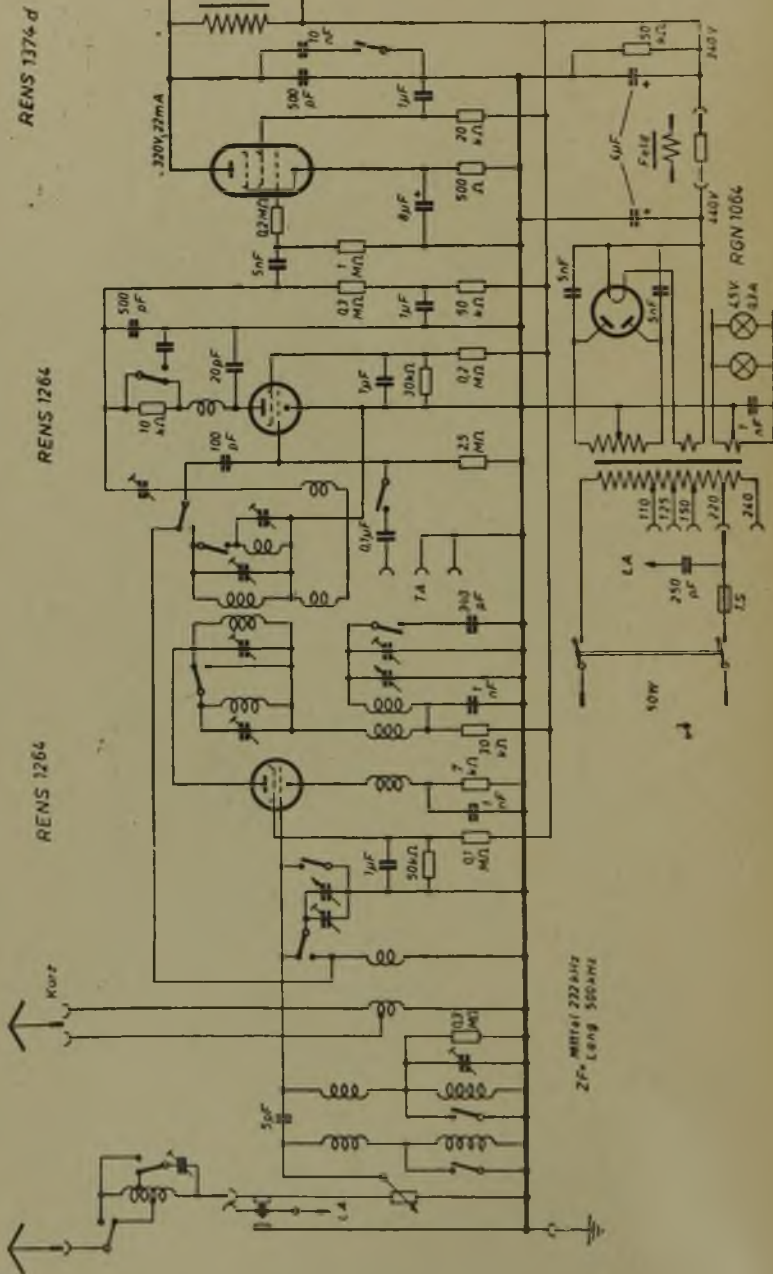


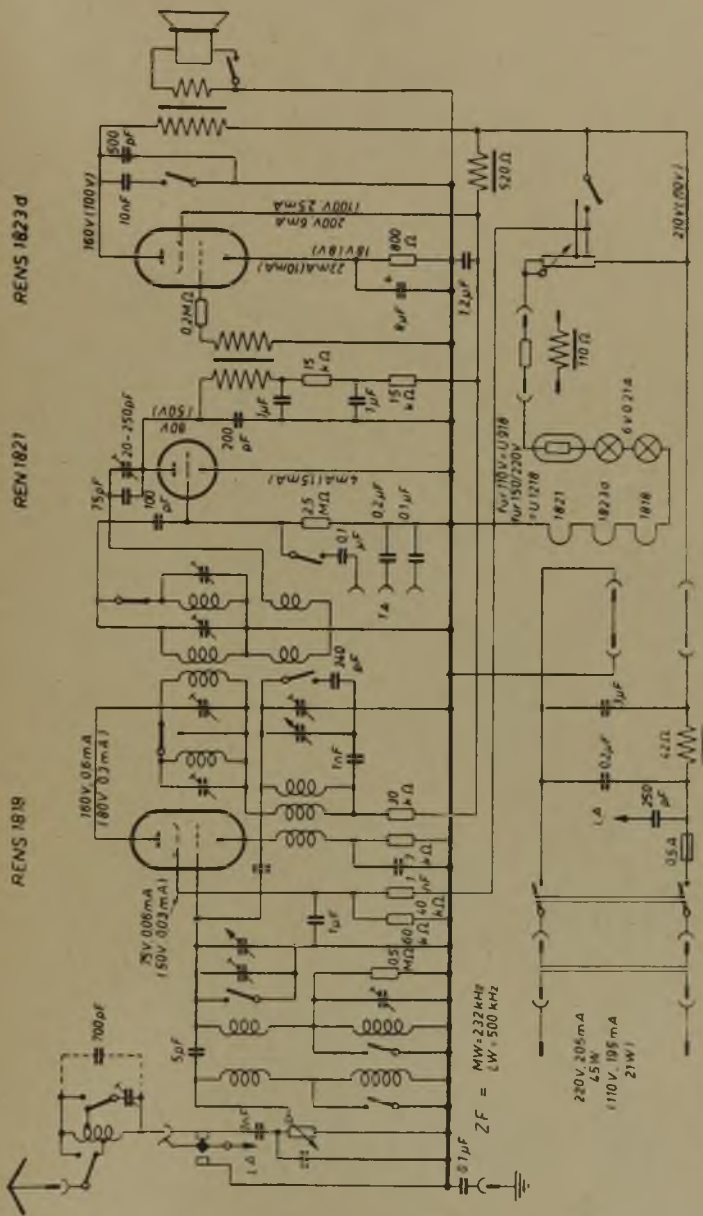


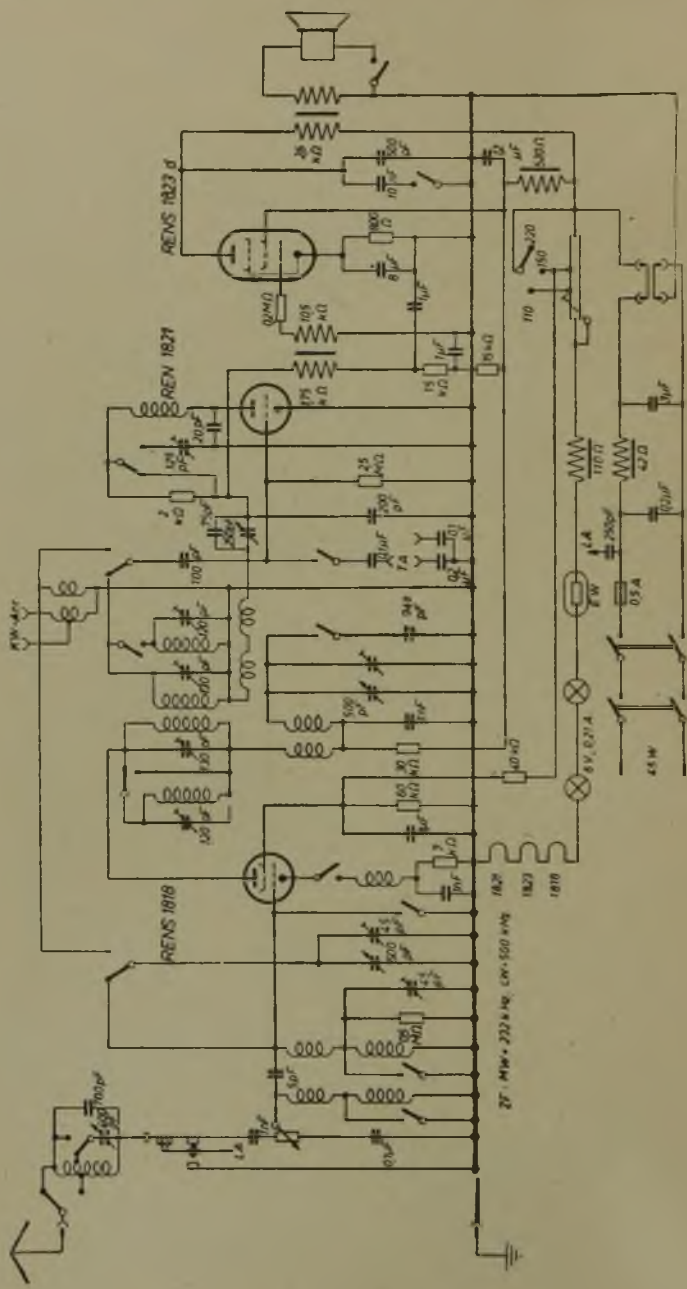


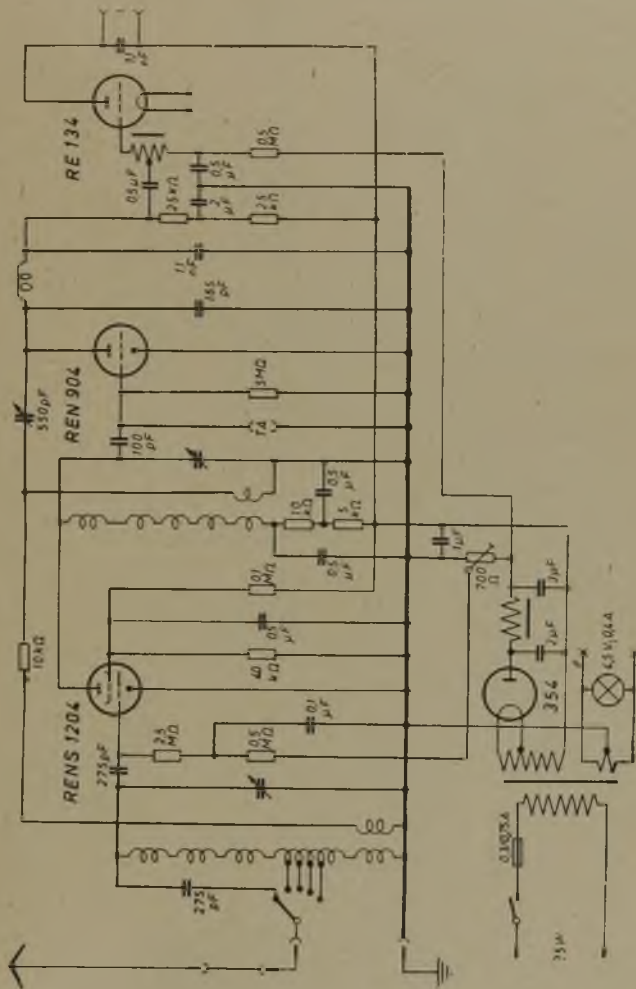
×) Kapazität der abgeschirmten Leitung, die den Kreis für die ZF erdet.

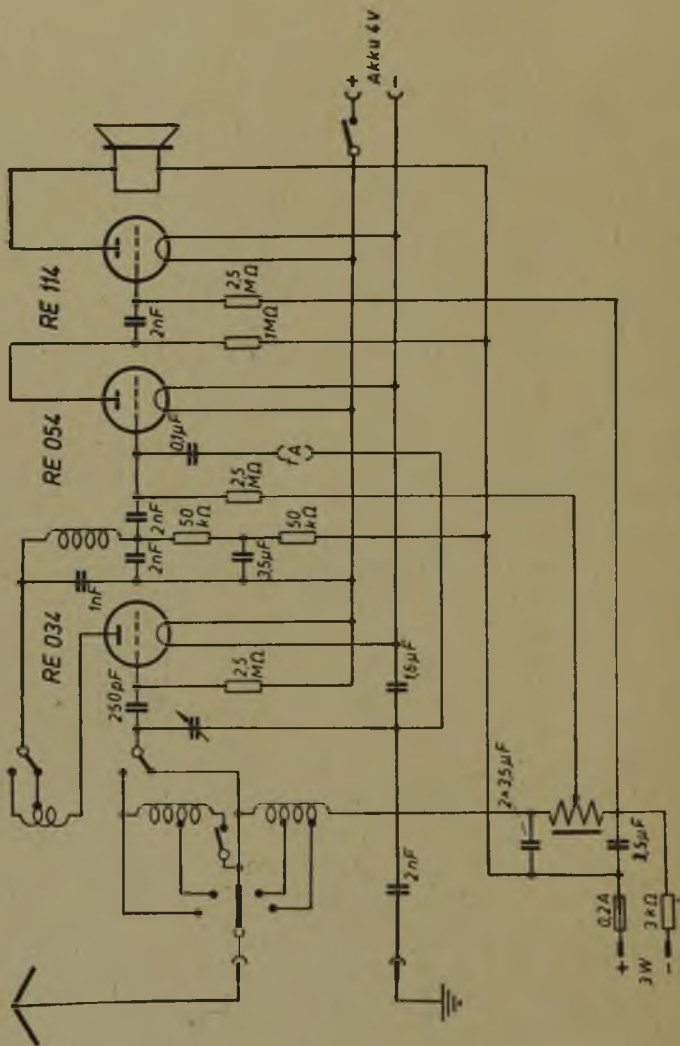


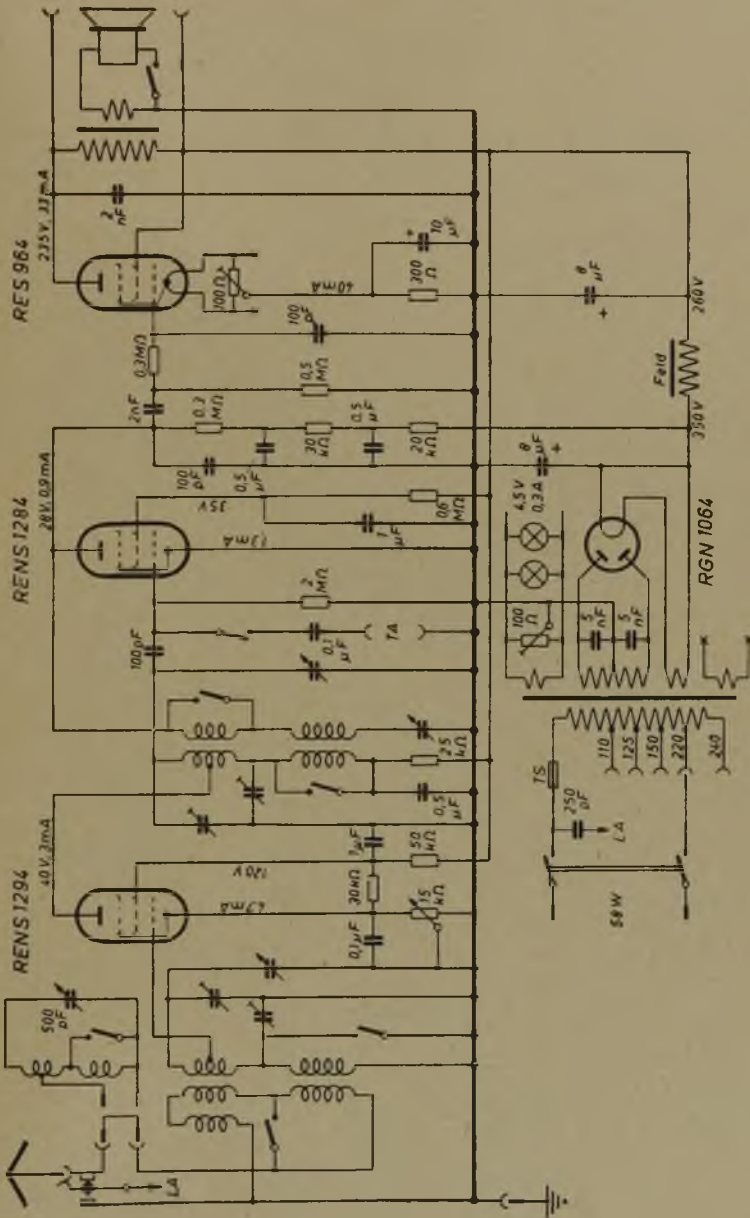


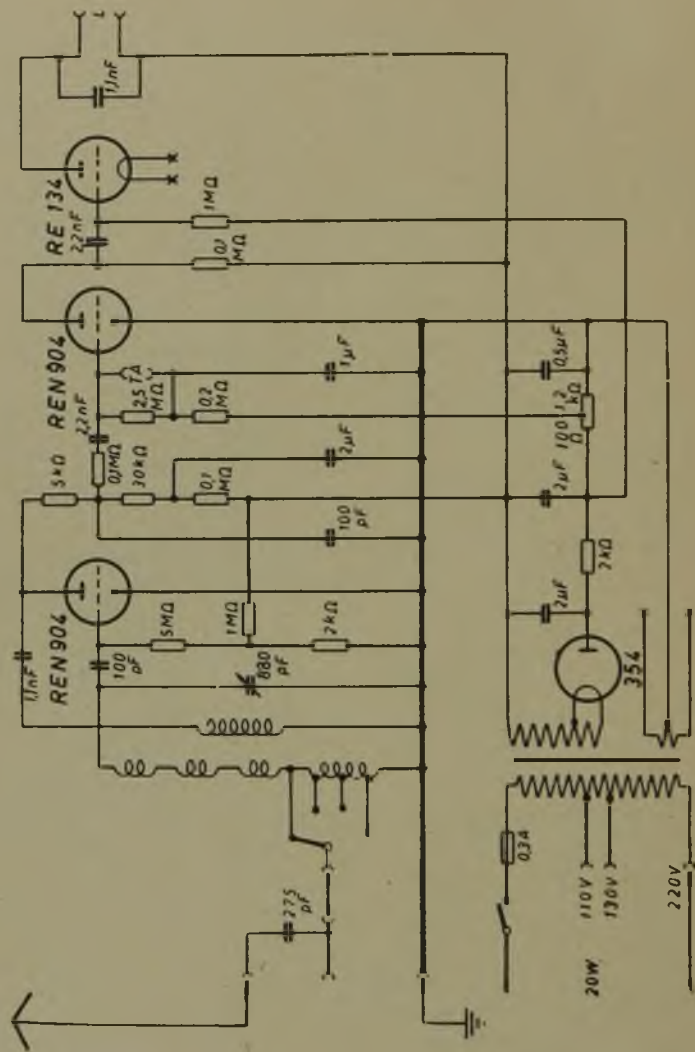




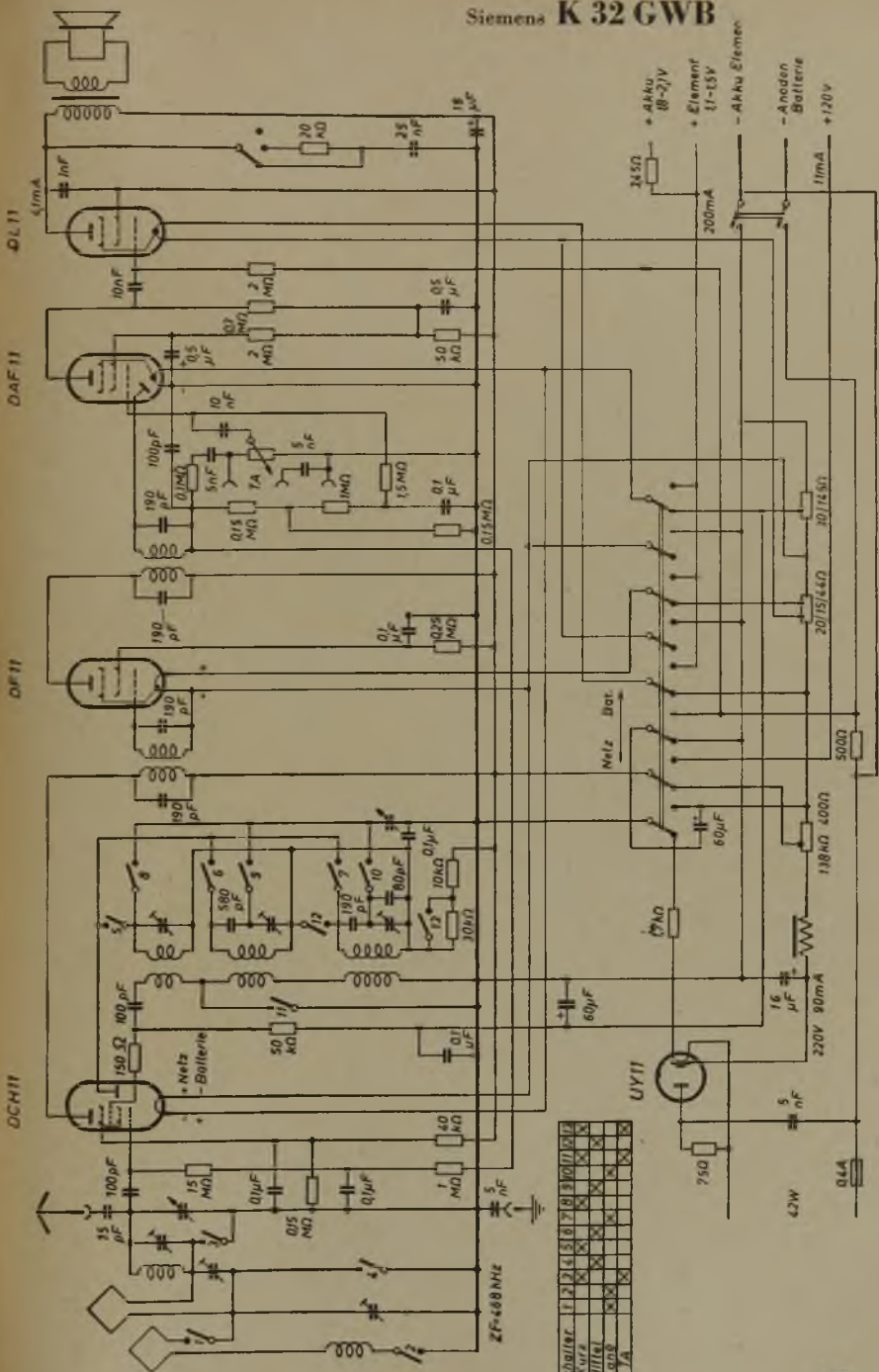




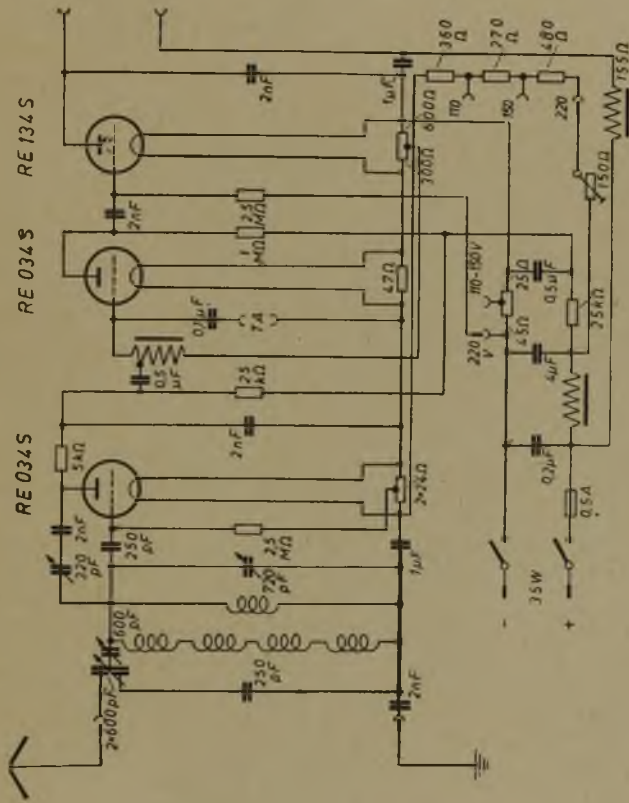


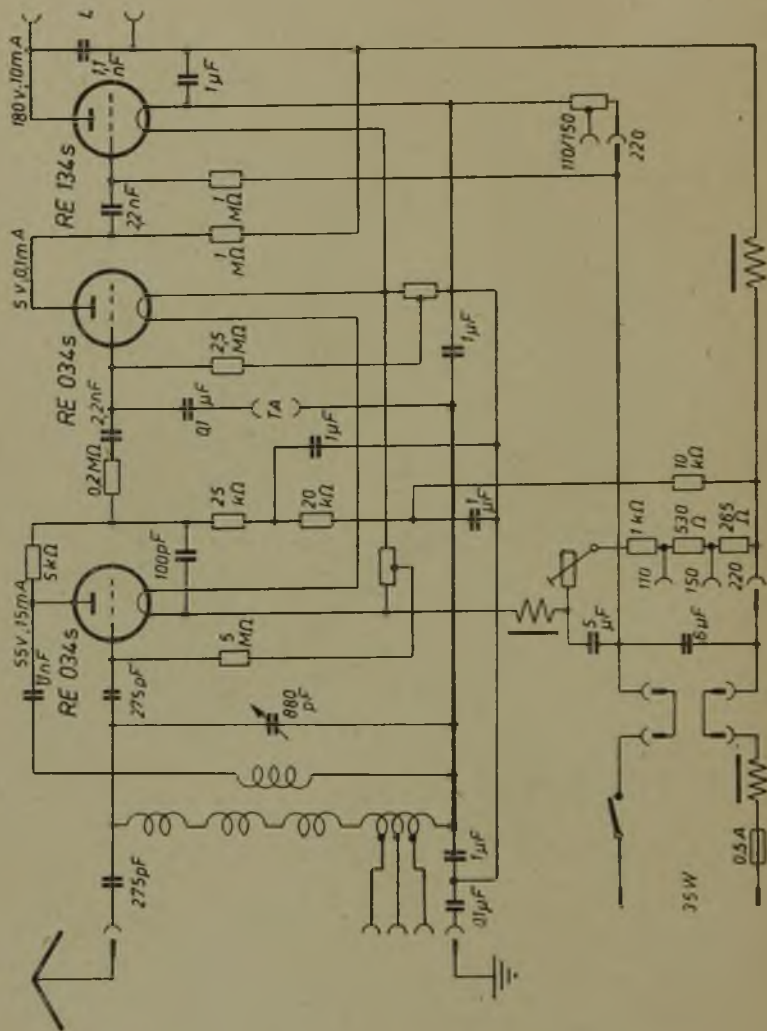


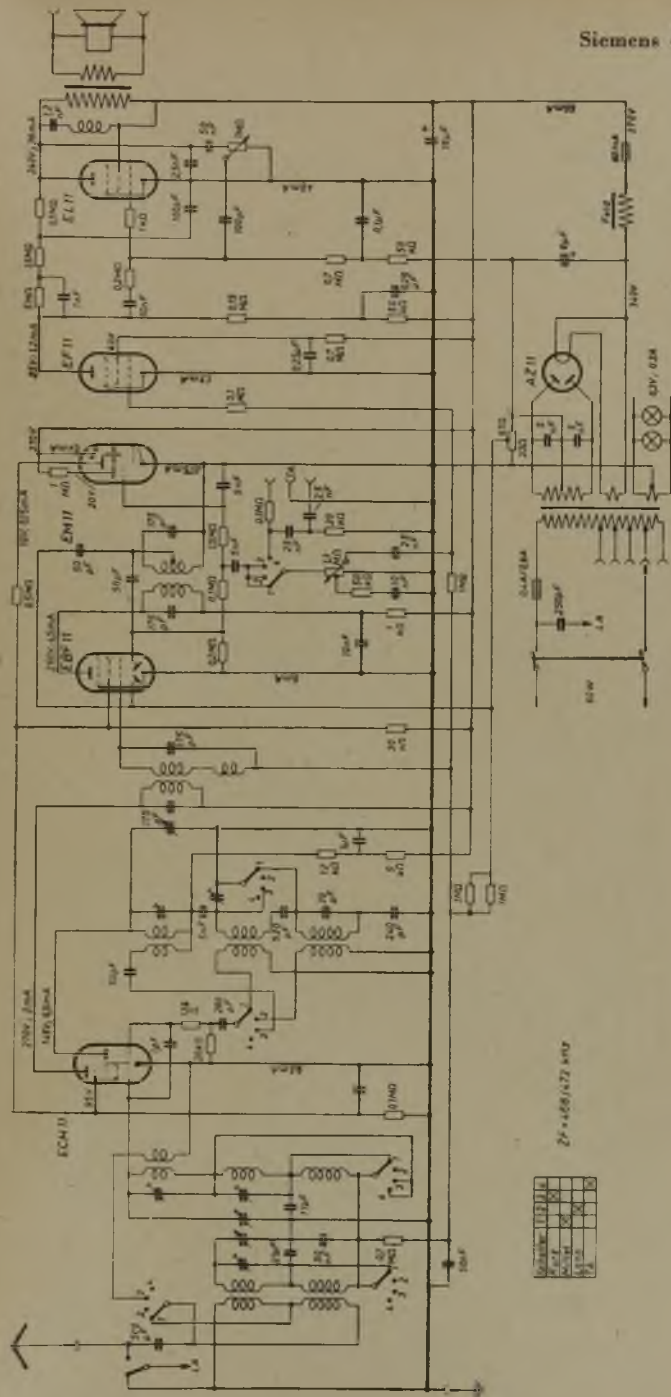
Siemens K 32 GWB



Schalter	1	2	3	4	5	6	7	8	9	10	11	12
Kurz	X	X	X	X	X	X	X	X	X	X	X	X
Mittel	X	X	X	X	X	X	X	X	X	X	X	X
Lang	X	X	X	X	X	X	X	X	X	X	X	X
JA												

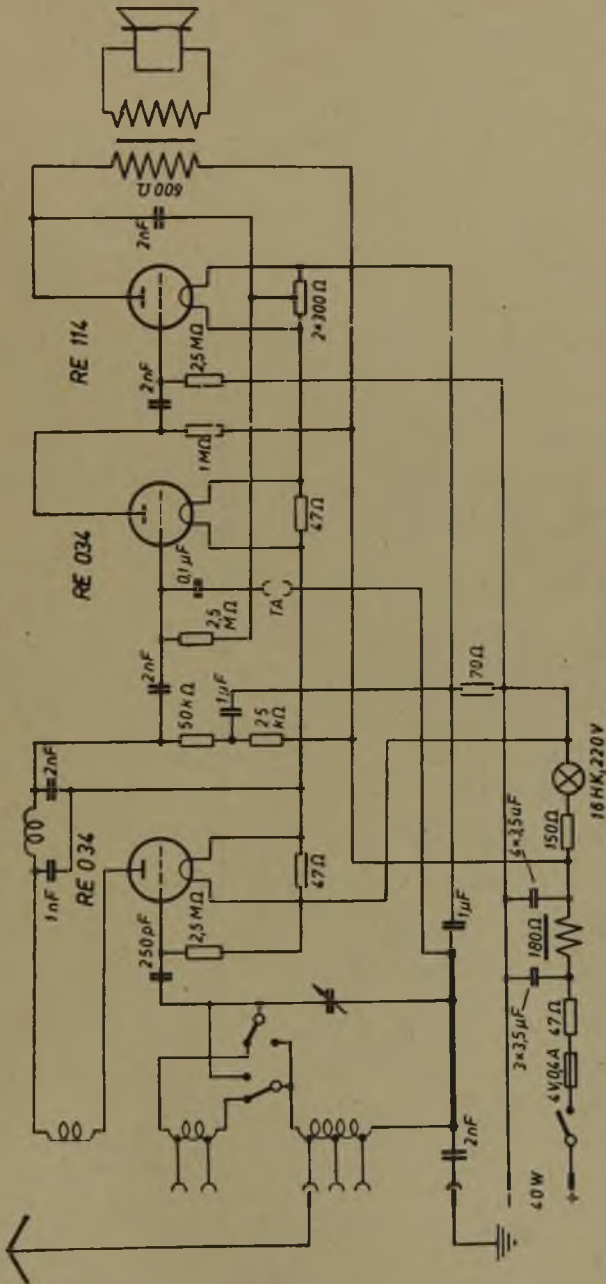


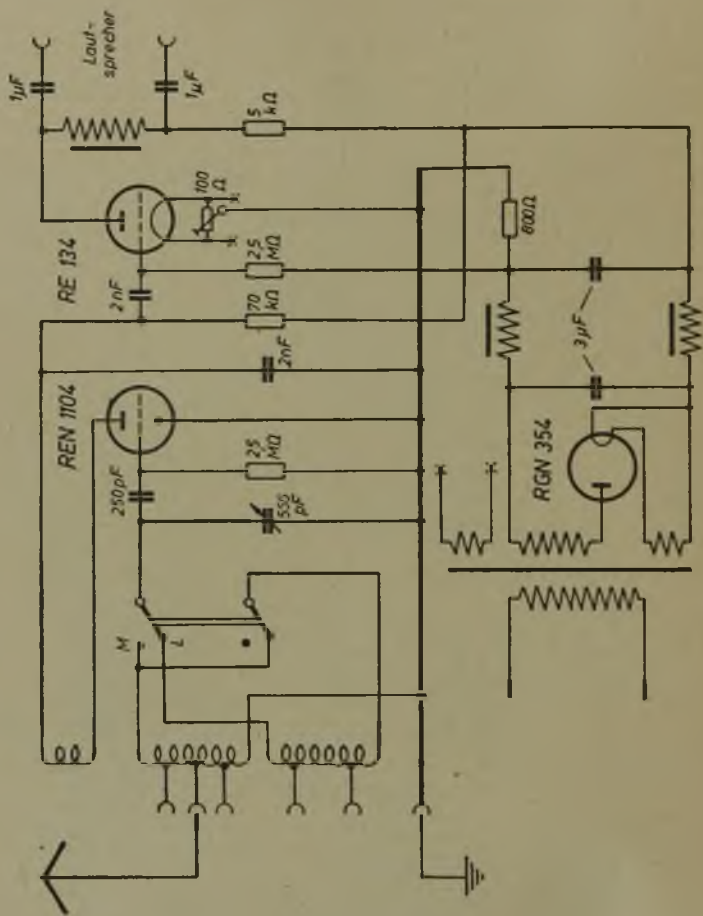


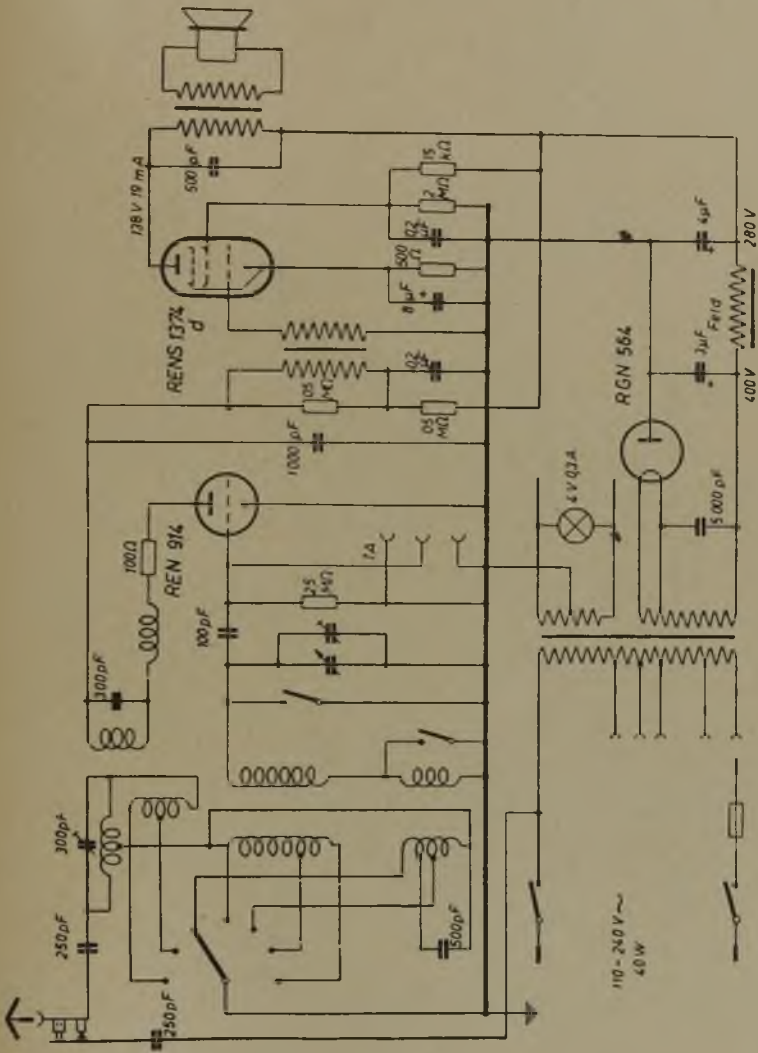


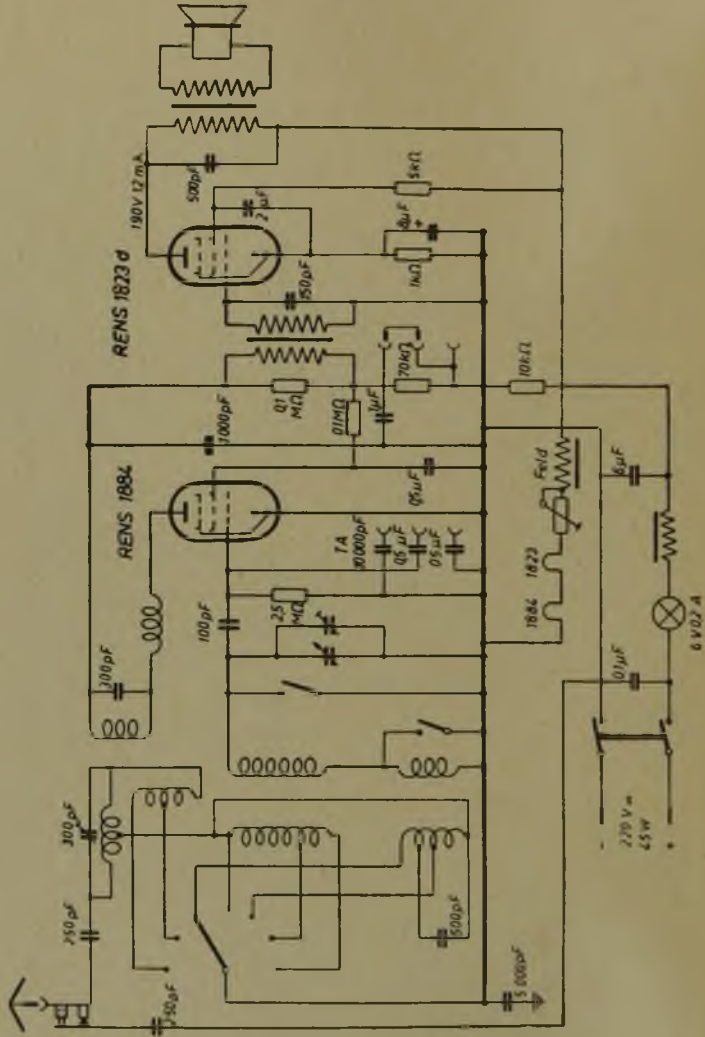
25 + 250 (27) 8V2

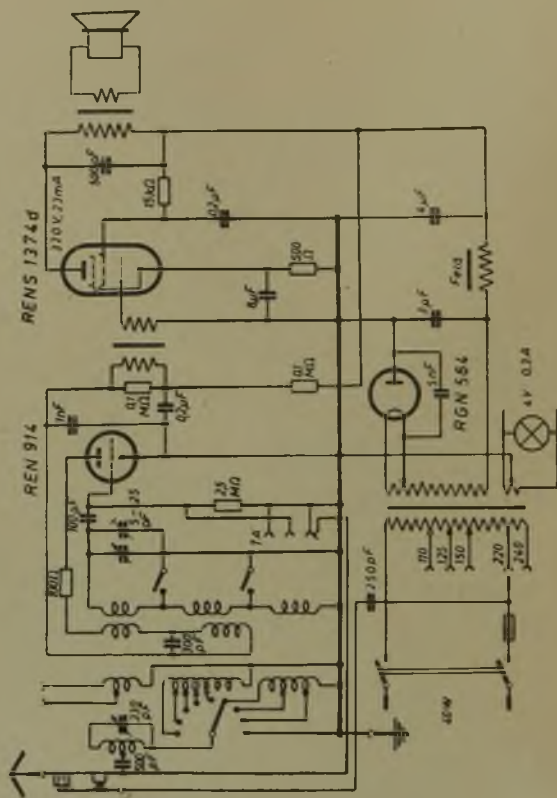
6X4	6Z5	6AV6	6BE6
6X4	6Z5	6AV6	6BE6
6X4	6Z5	6AV6	6BE6
6X4	6Z5	6AV6	6BE6

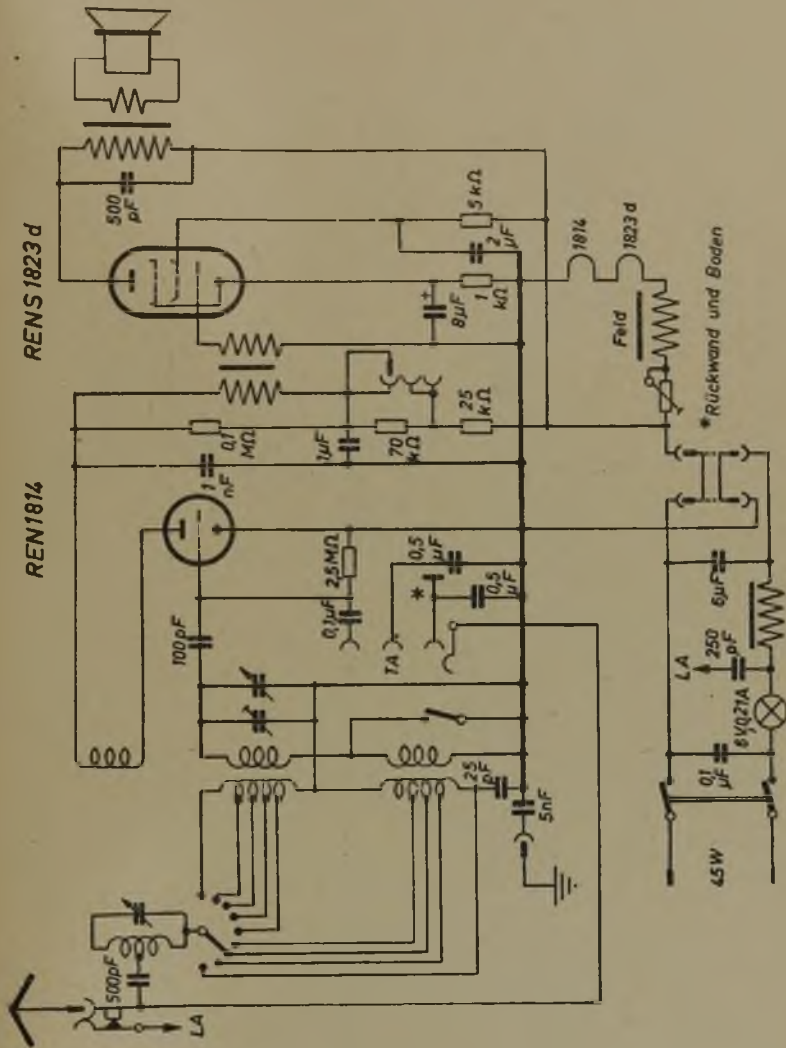


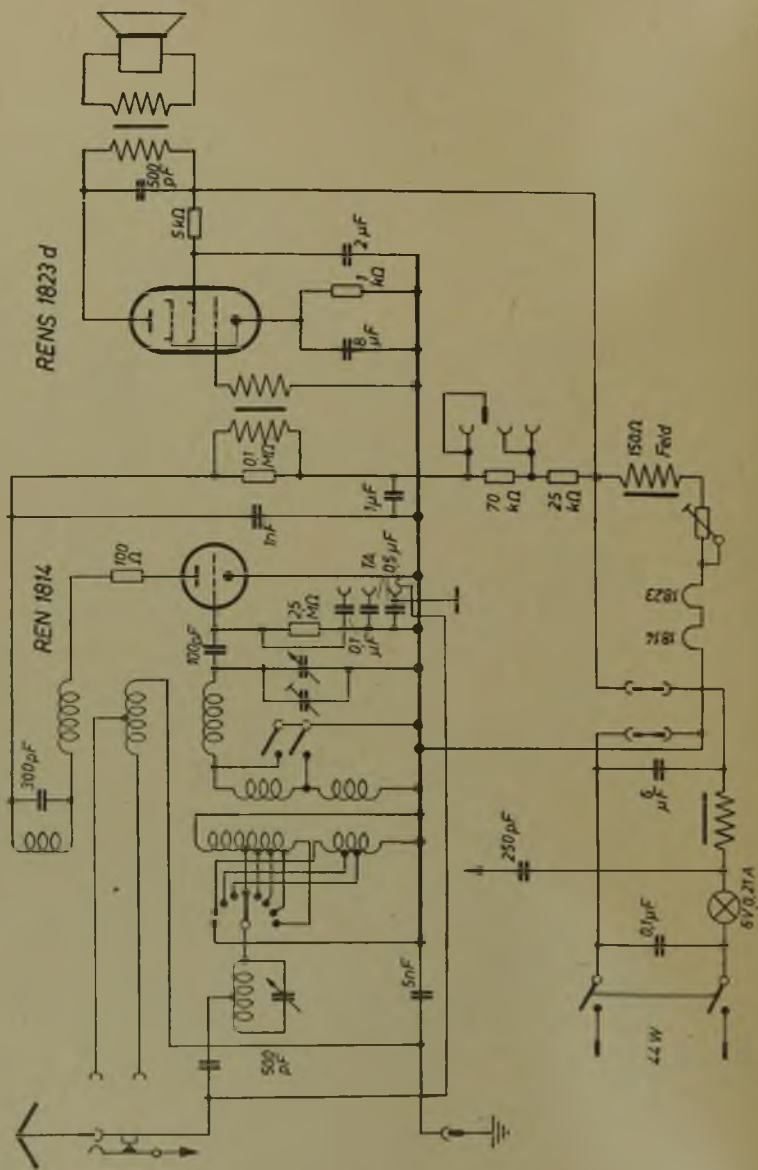


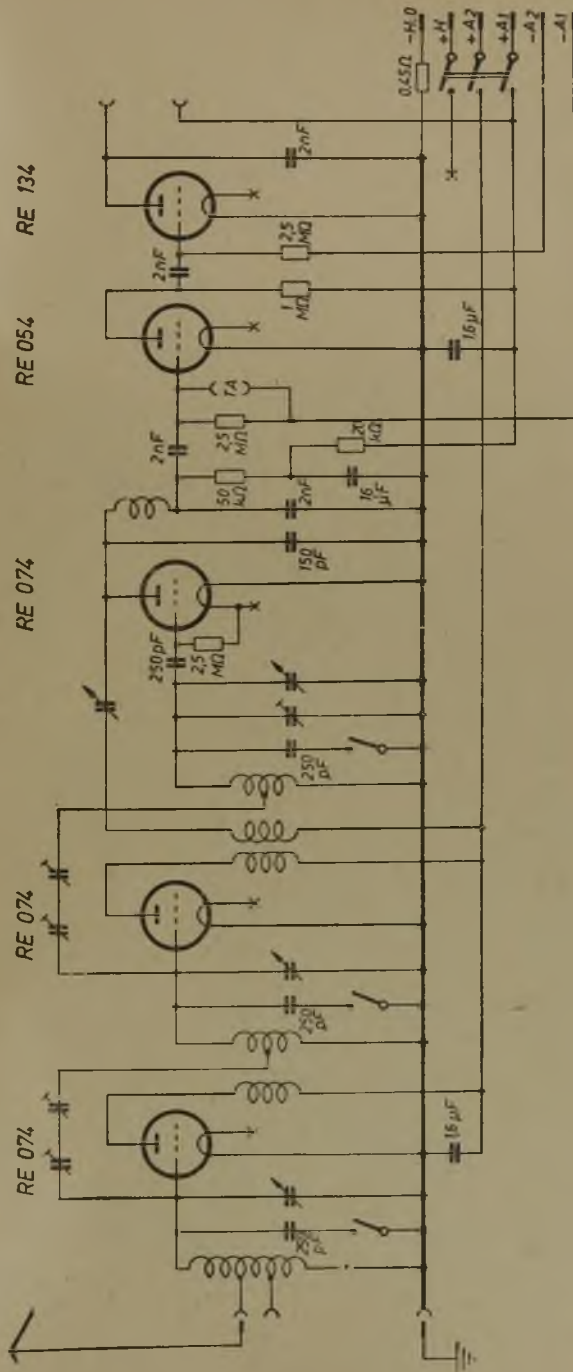


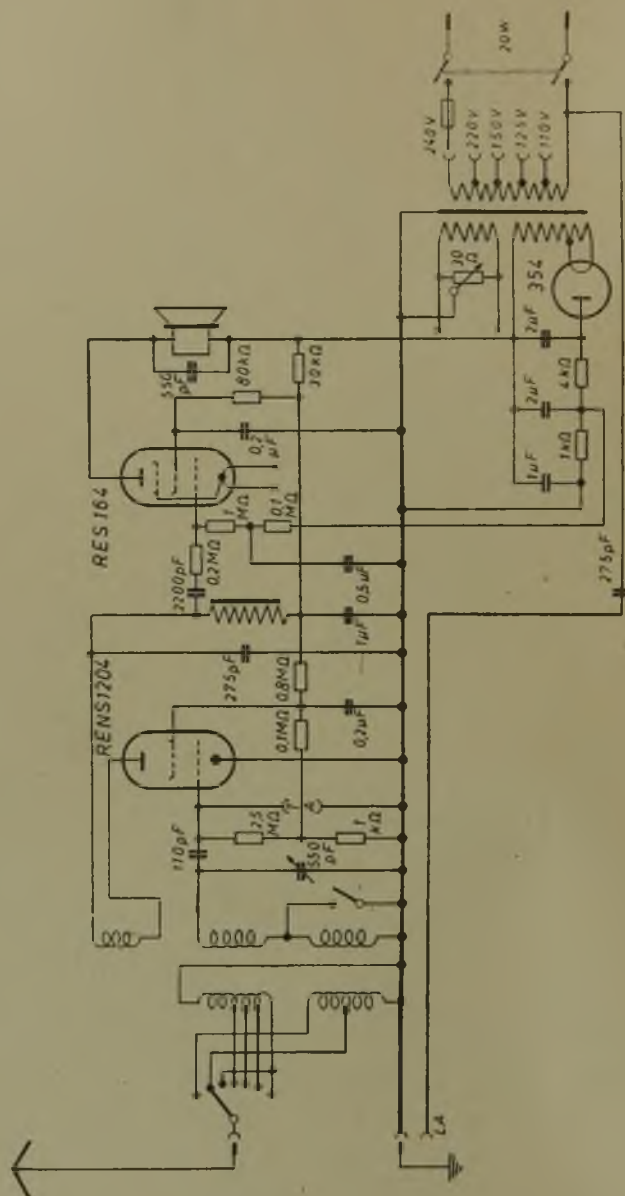


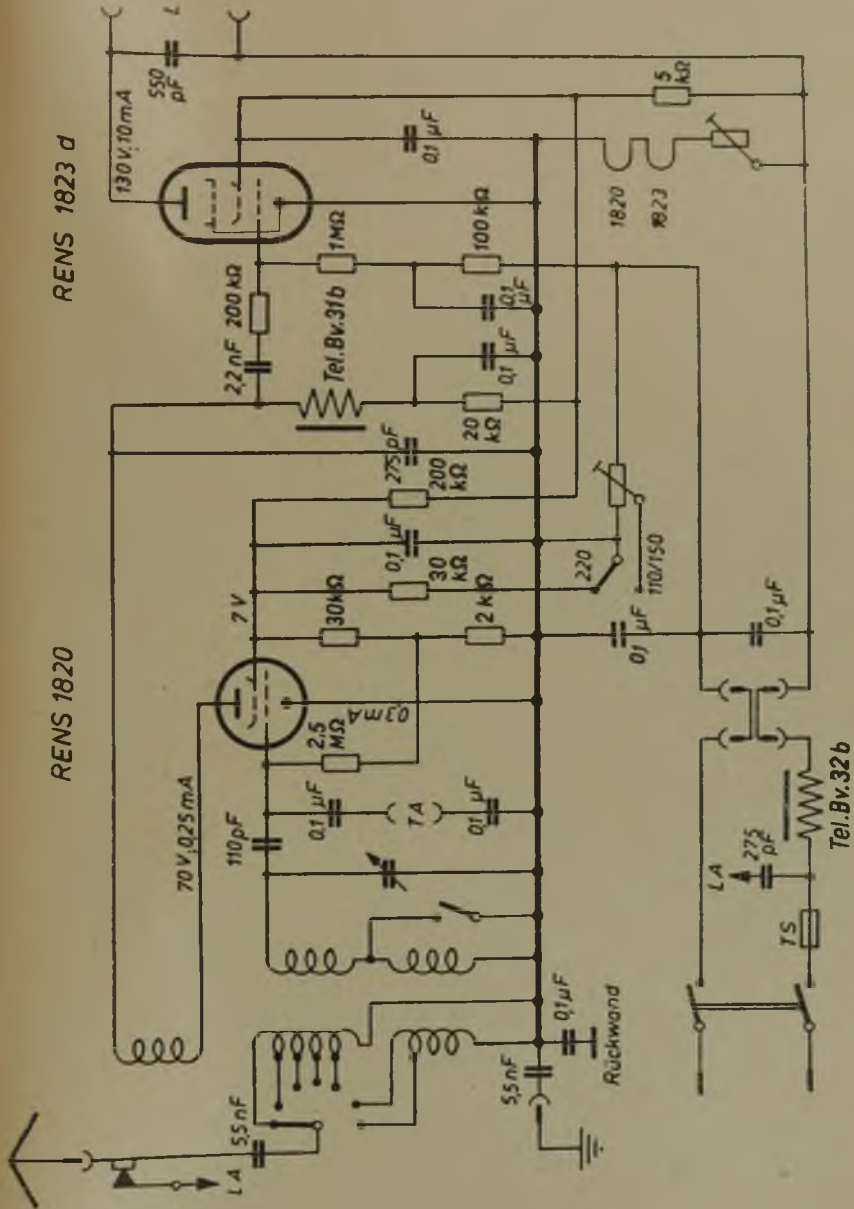


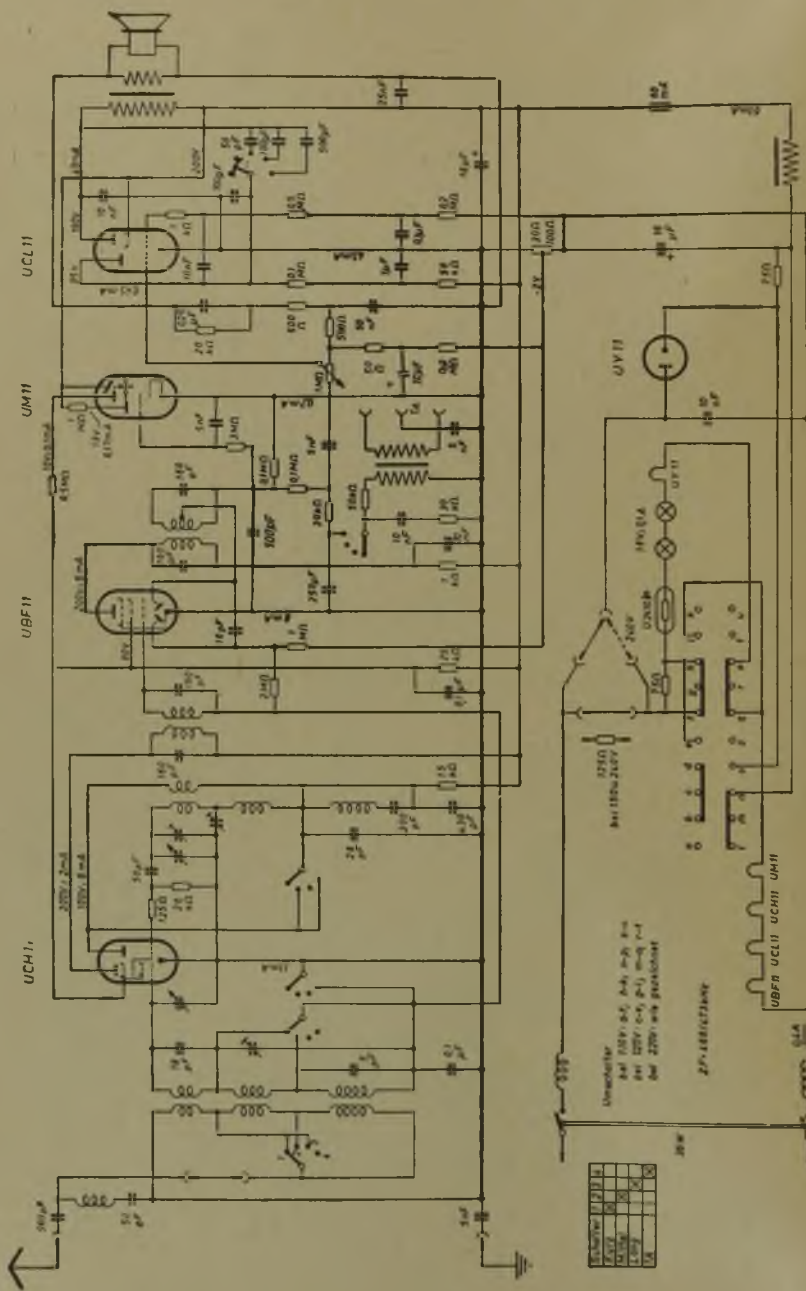


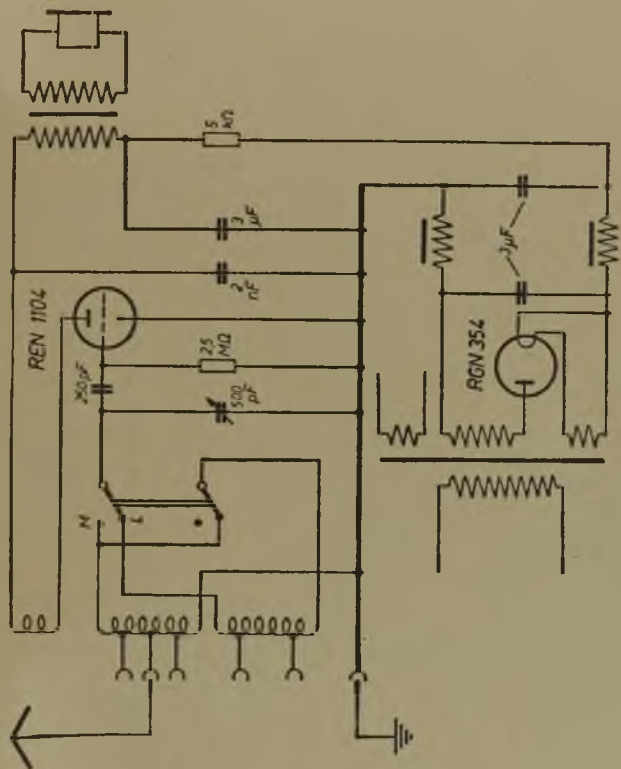


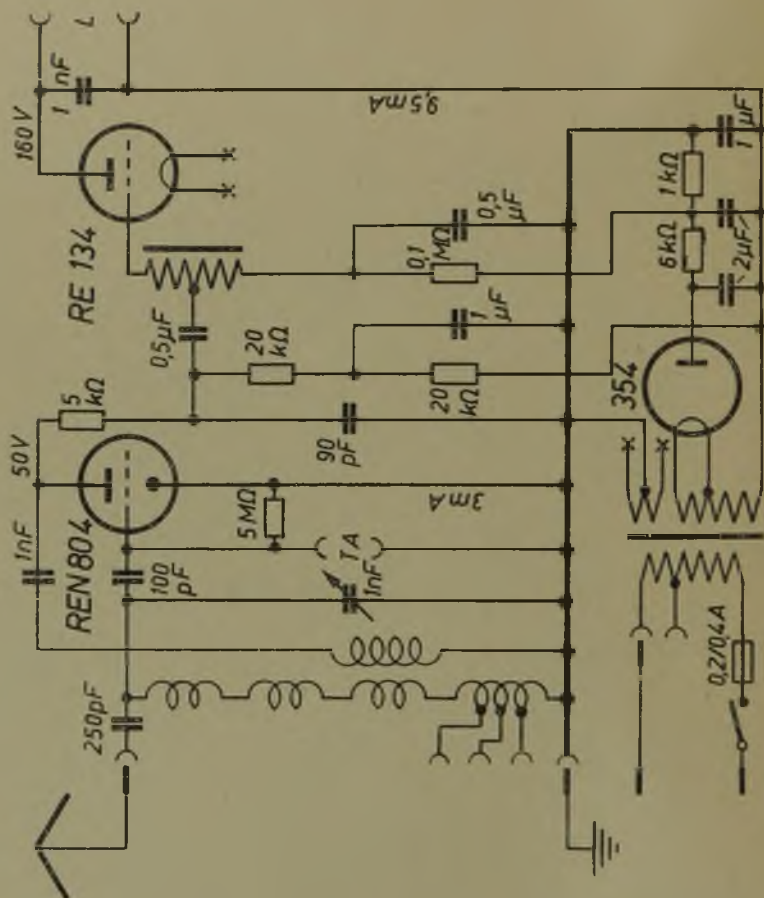


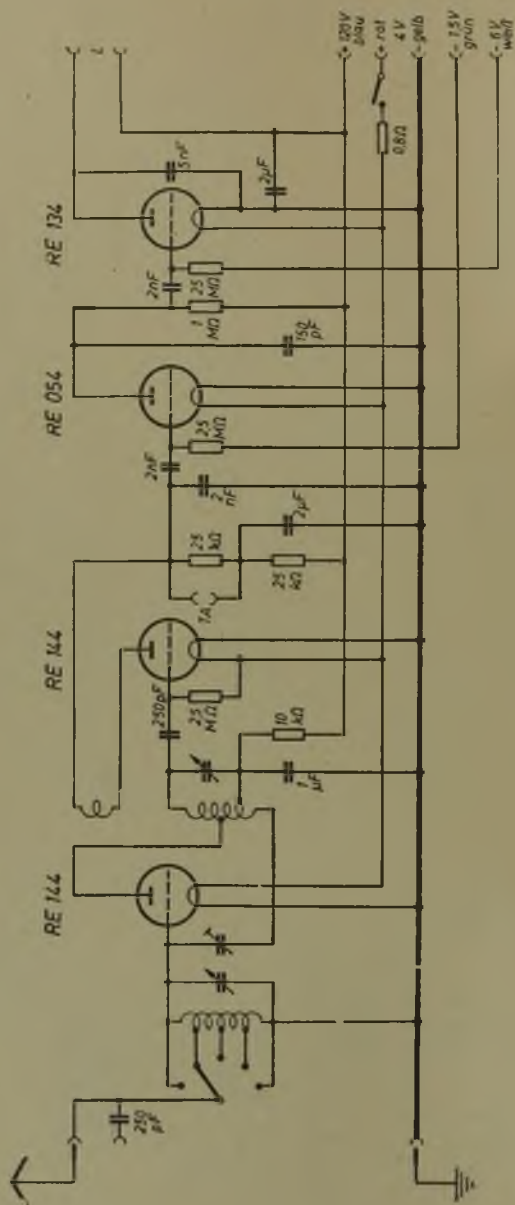


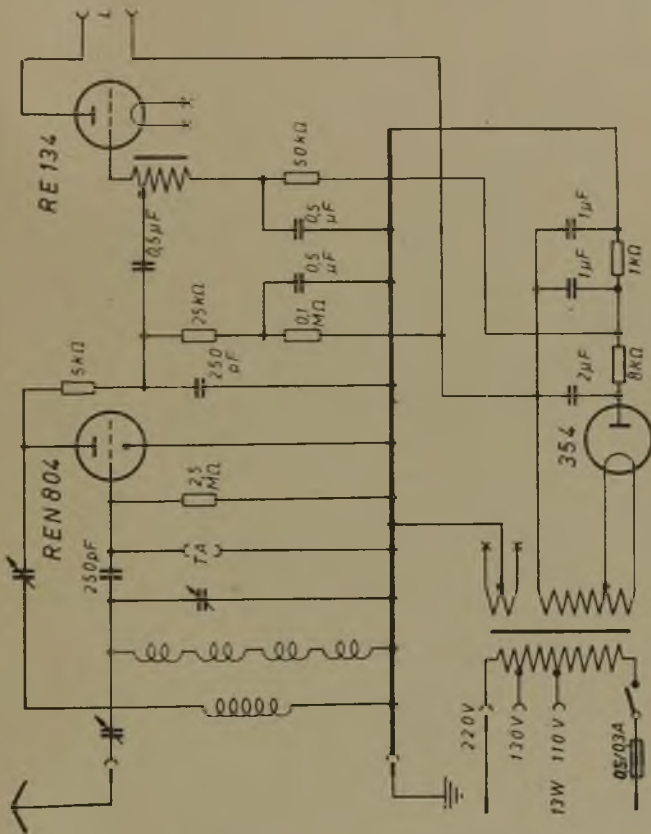


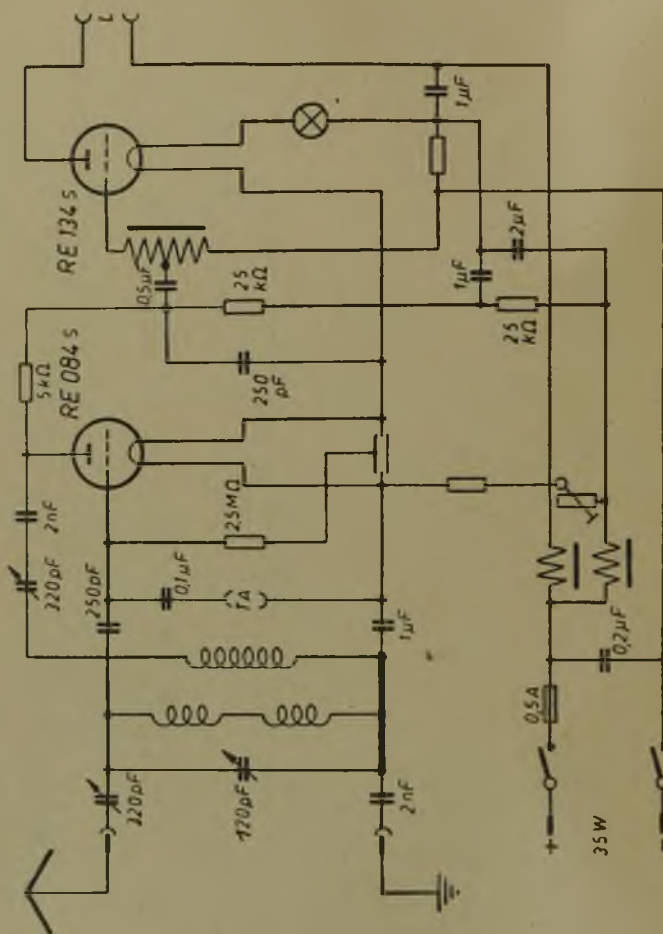


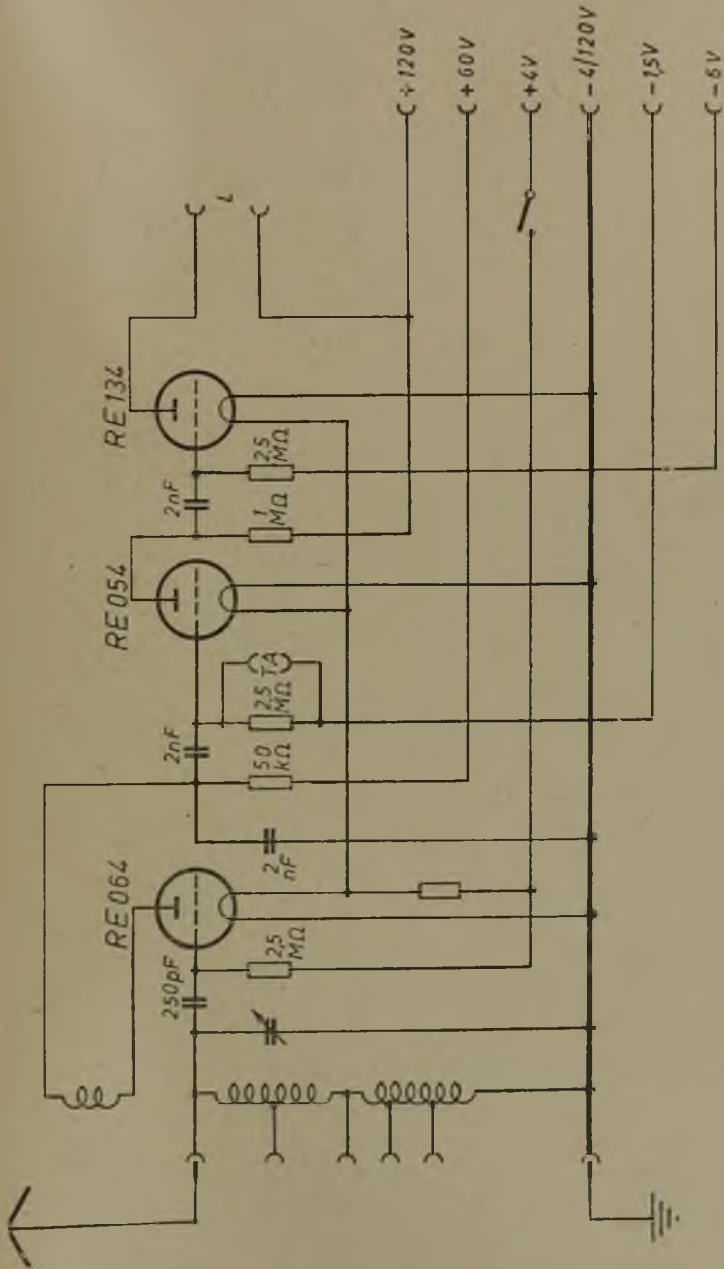




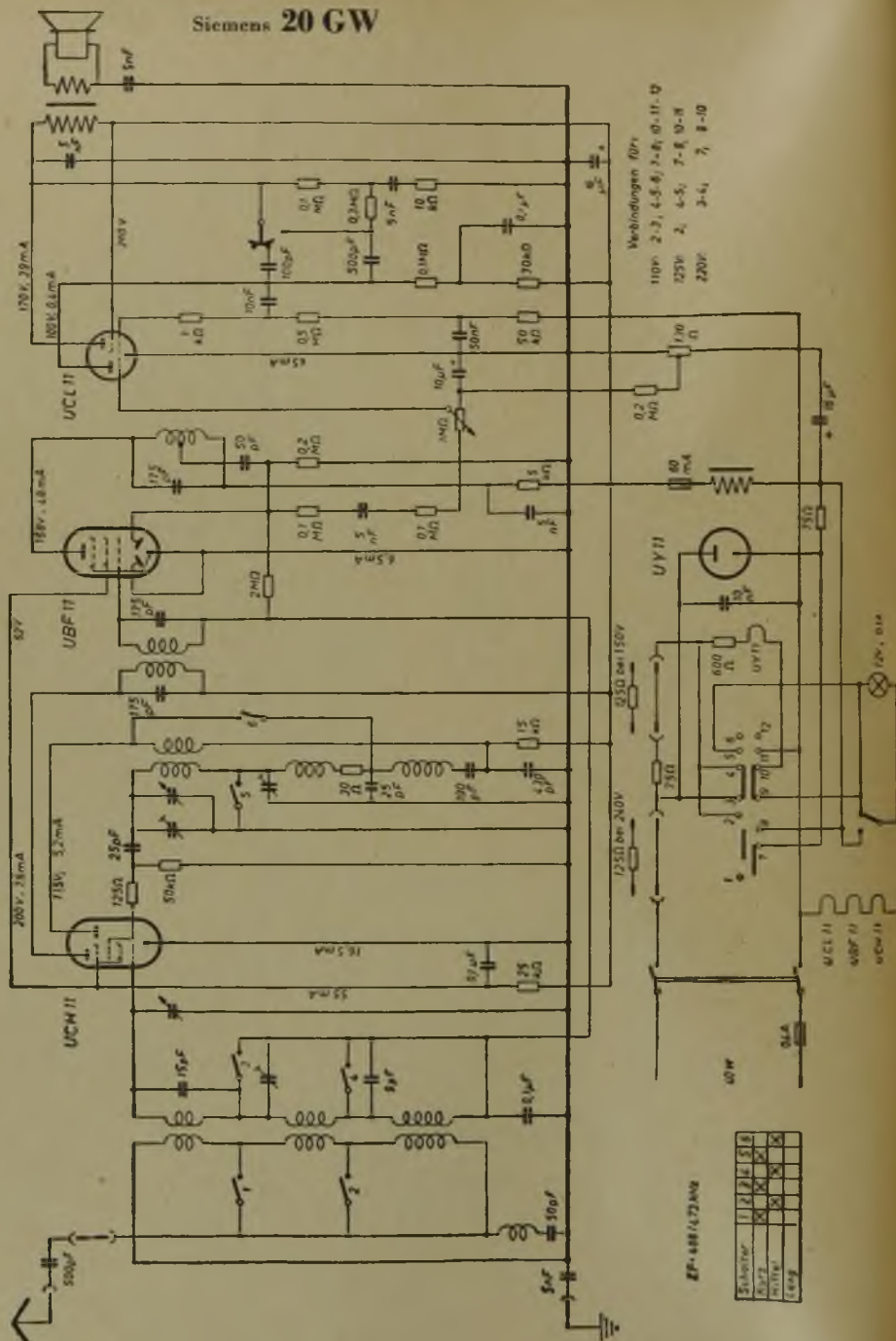


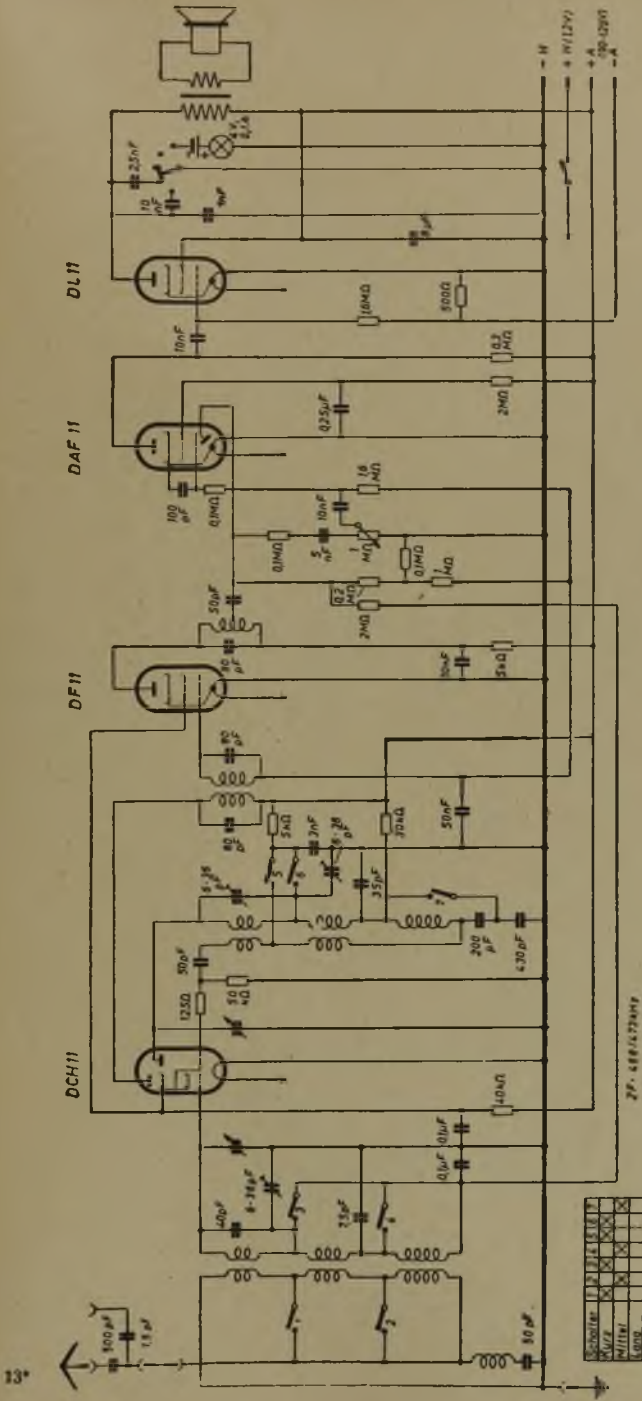






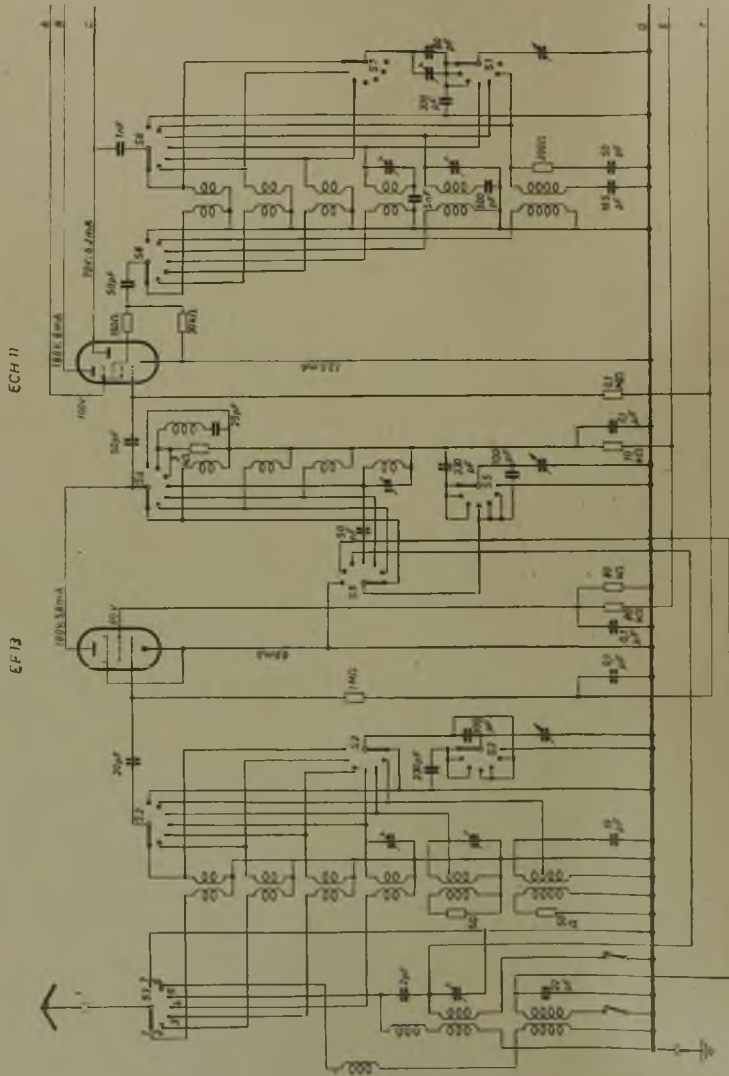
Siemens 20 GW

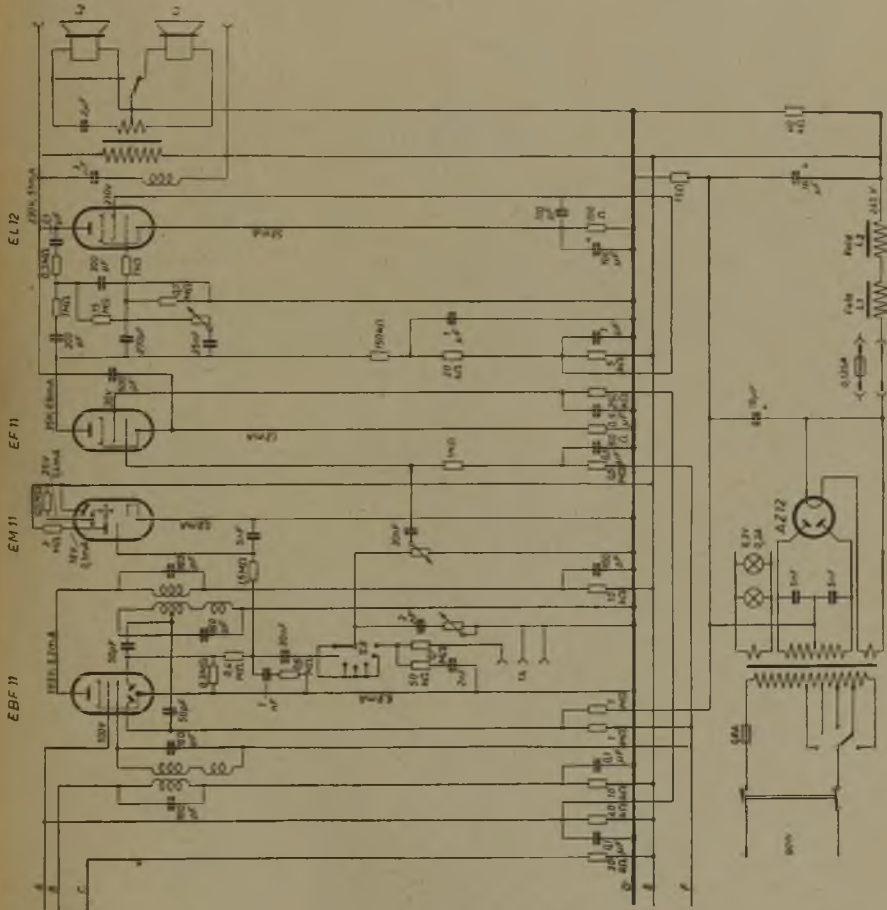


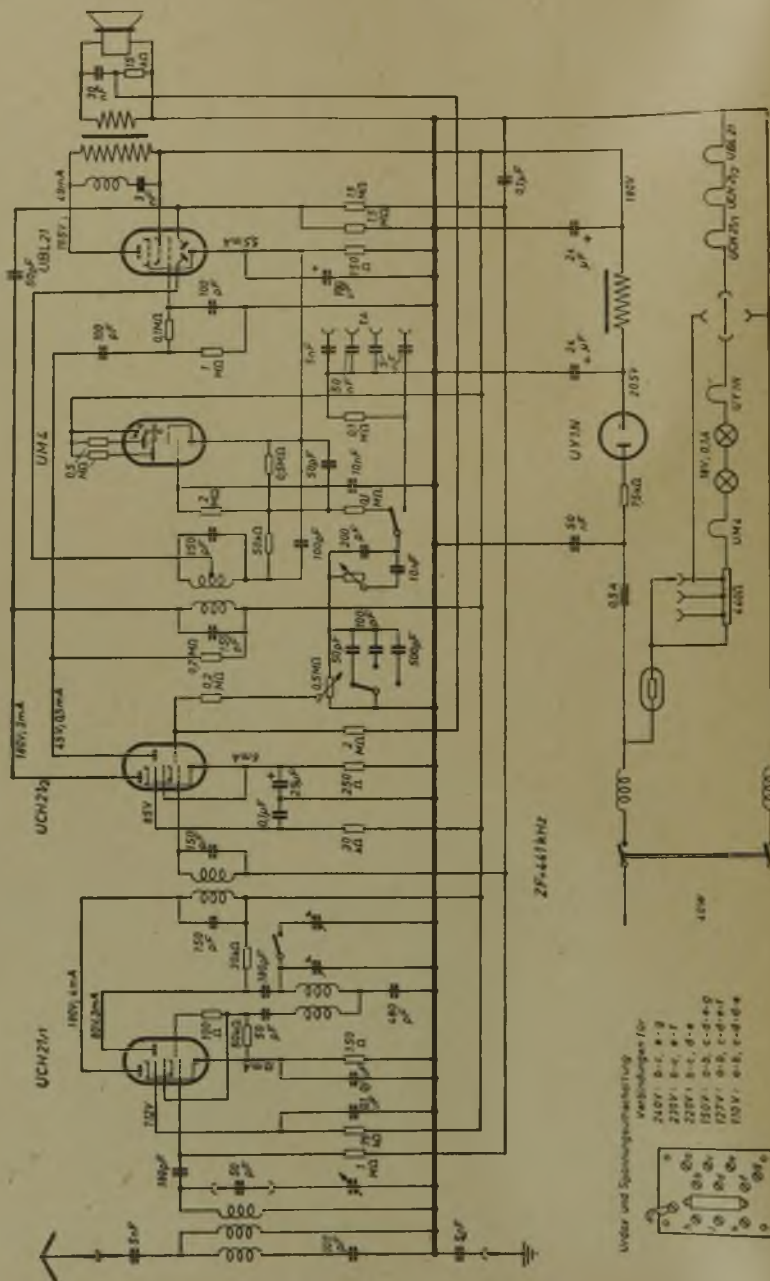


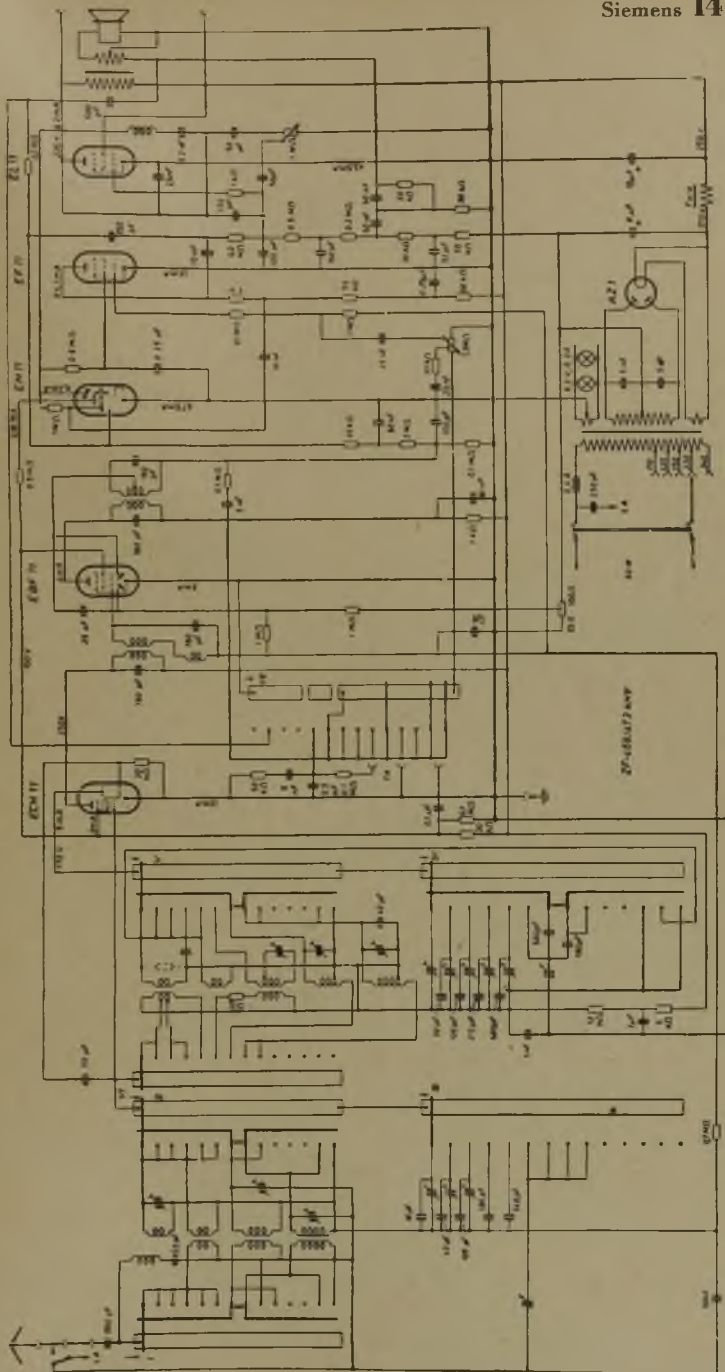
5000	5000	5000	5000	5000	5000
1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1000	1000

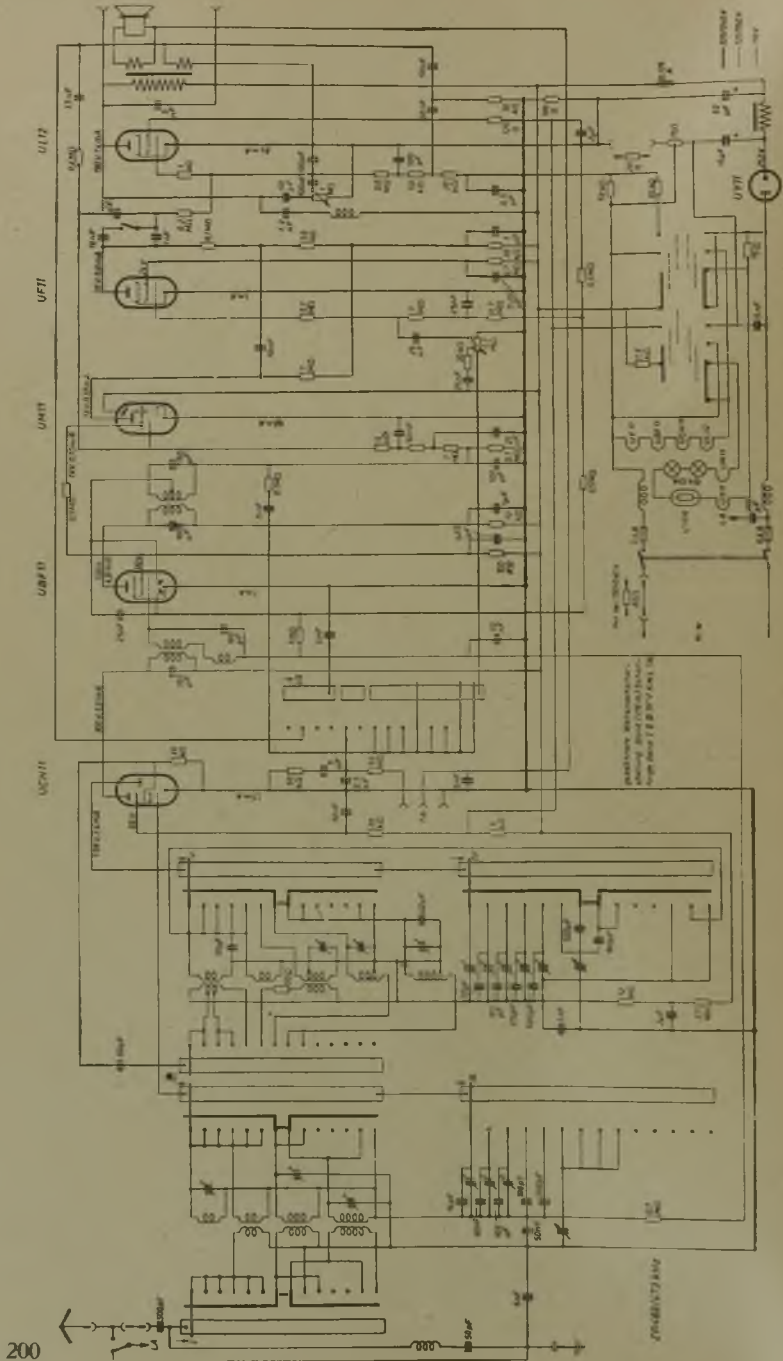
Siemens 15 W
(linke Seite des Schaltbildes)

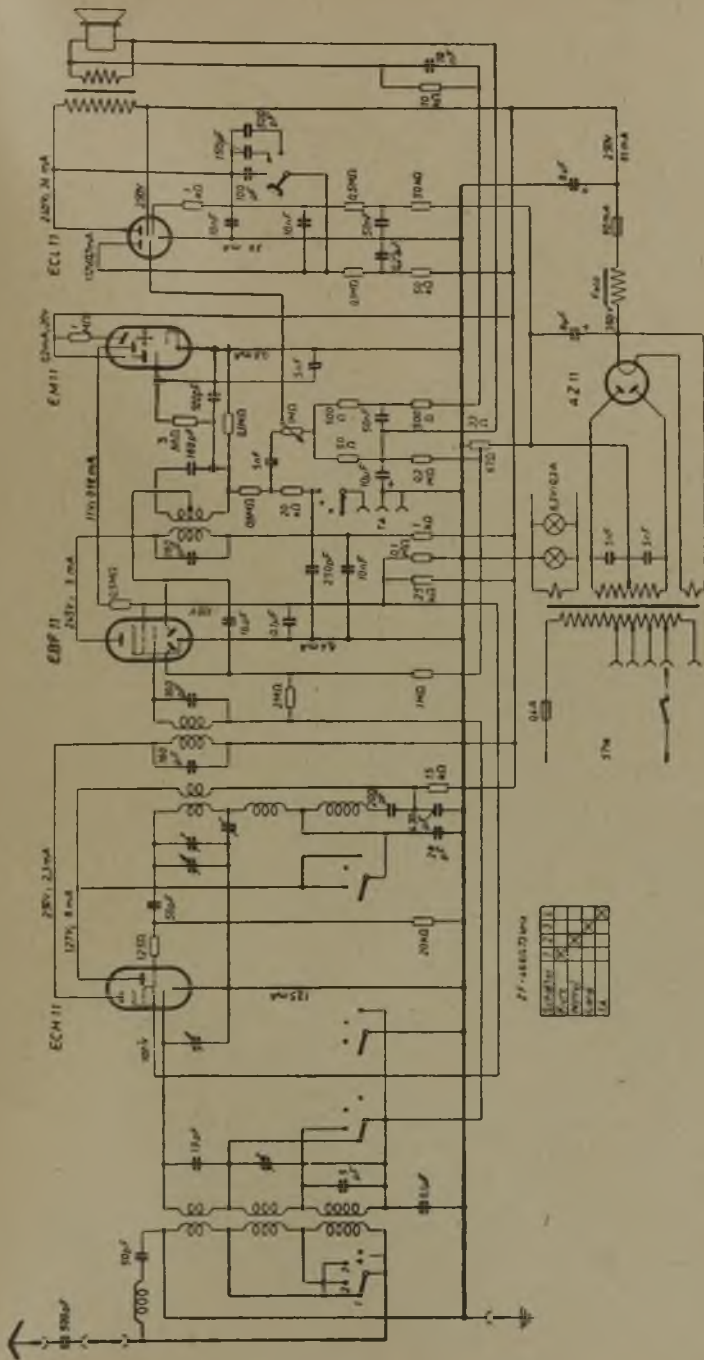


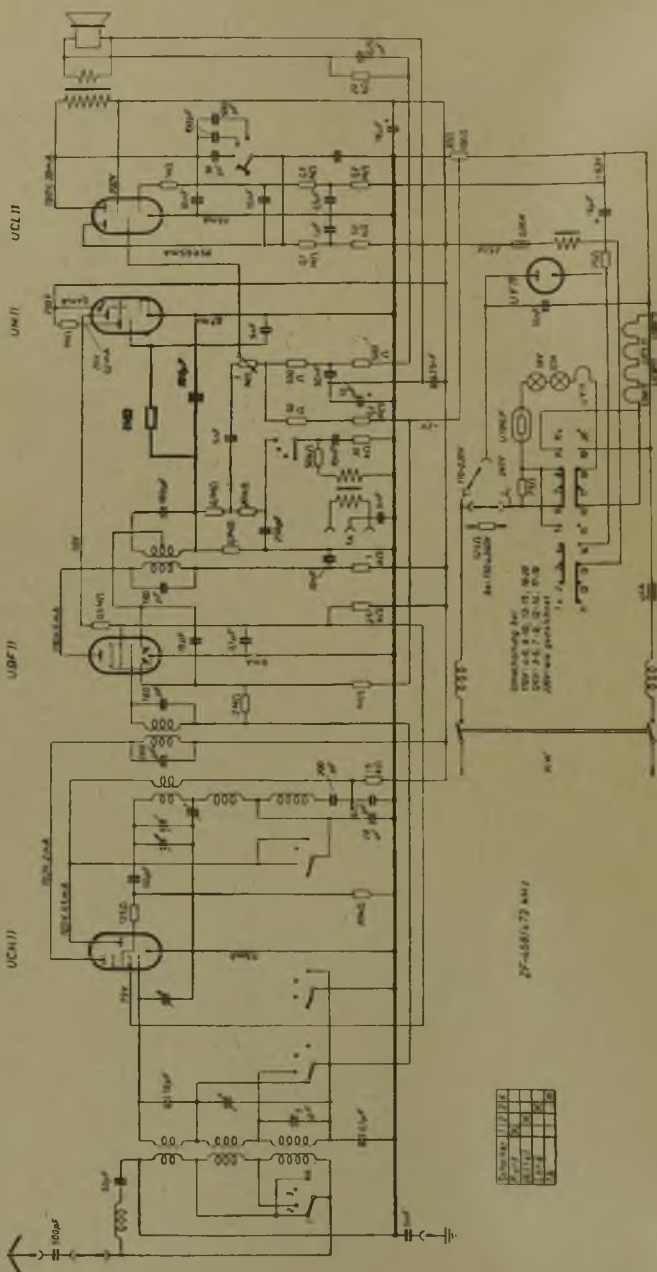


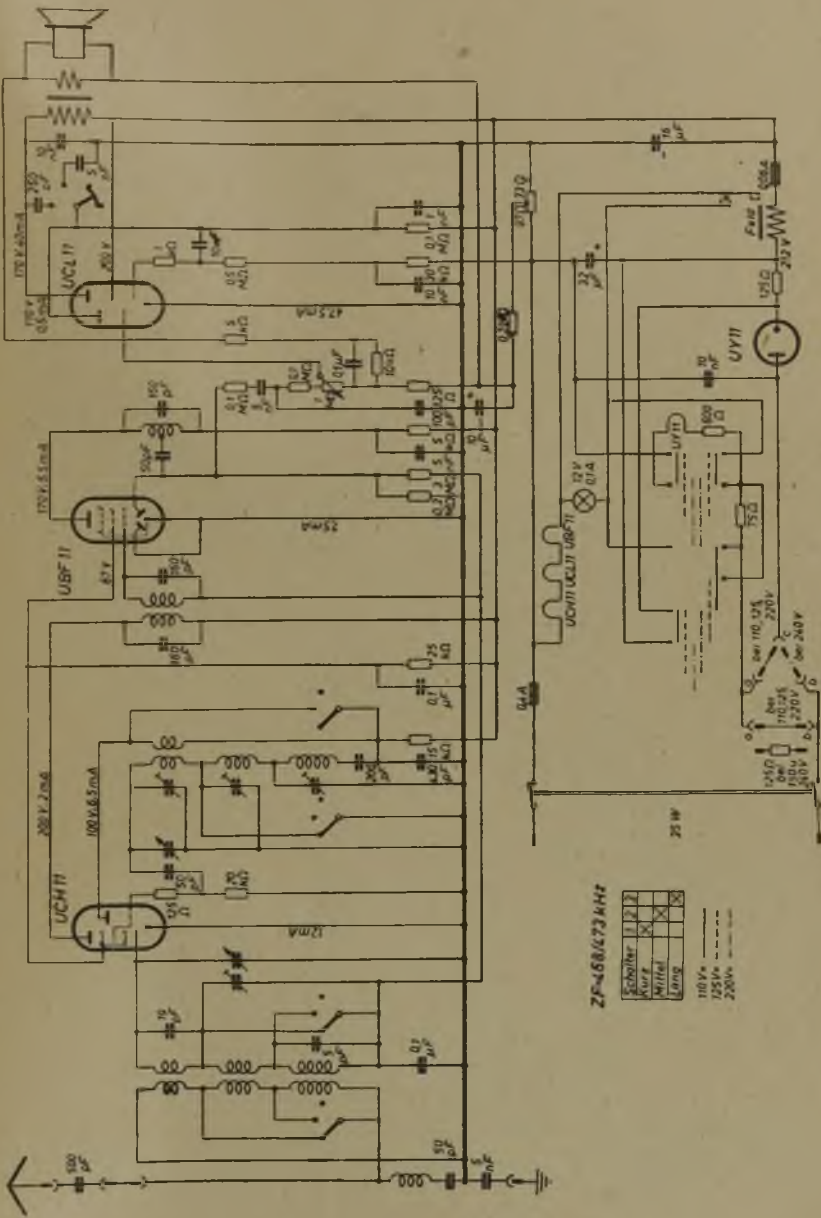








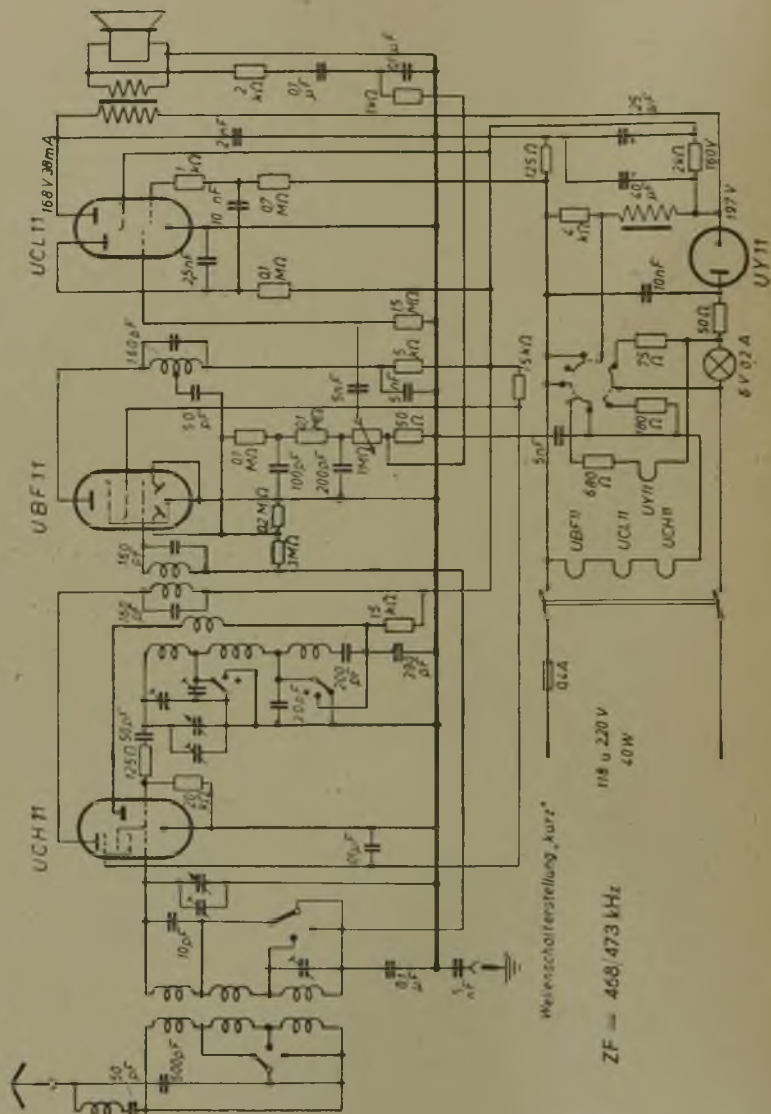




ZF-458/473 MHz

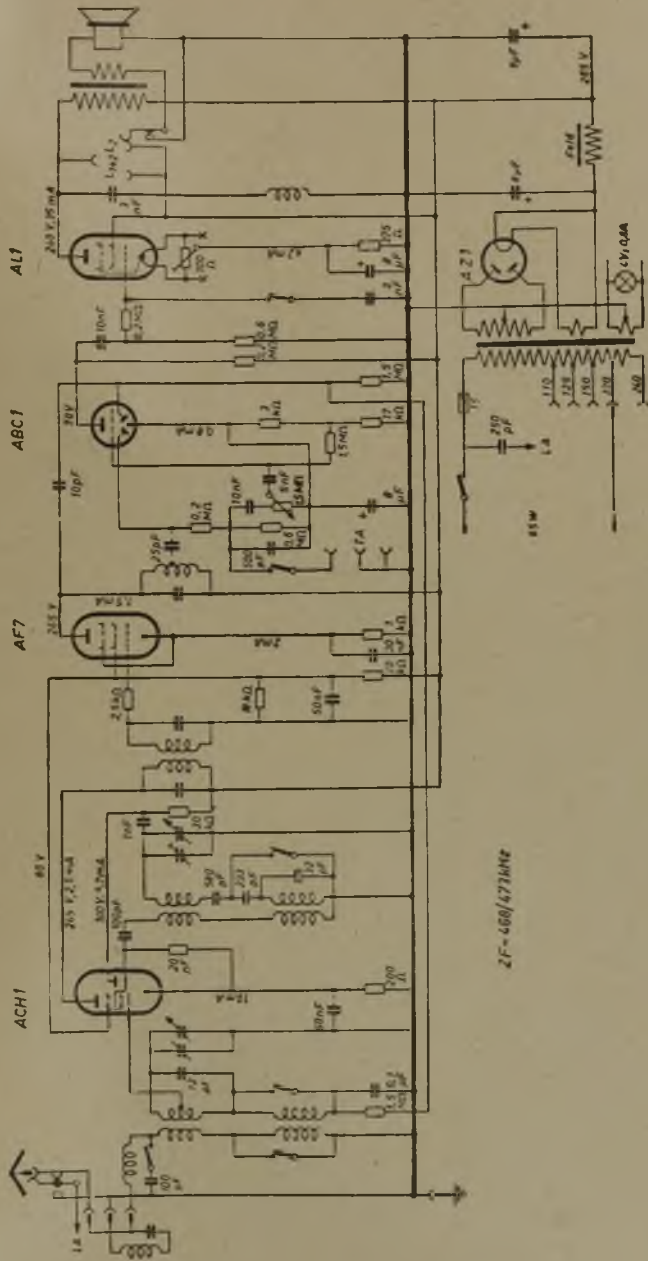
Schaltung	1	2	3
Kopf	X	X	X
Mittel			X
Lang			X

- 10V - - - - -
- 25V - - - - -
- 200V - - - - -

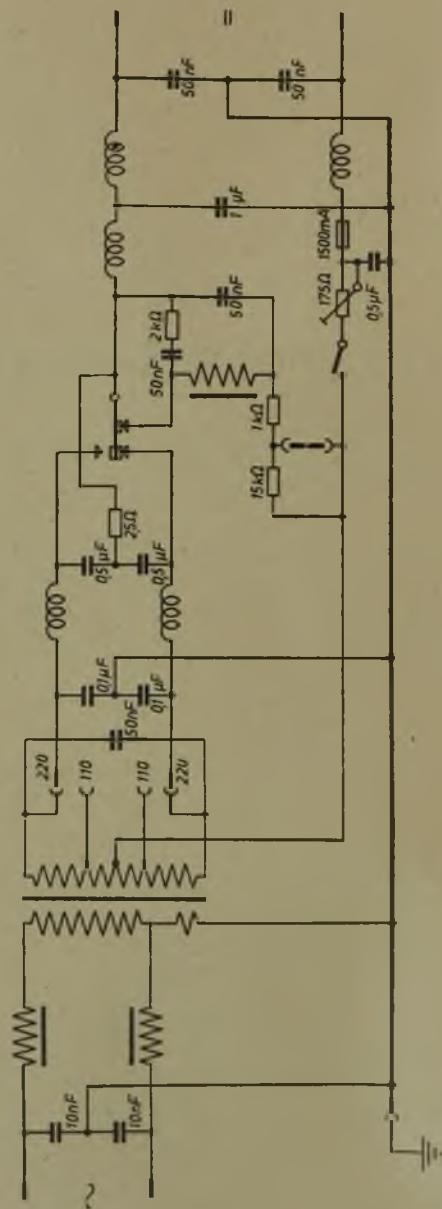


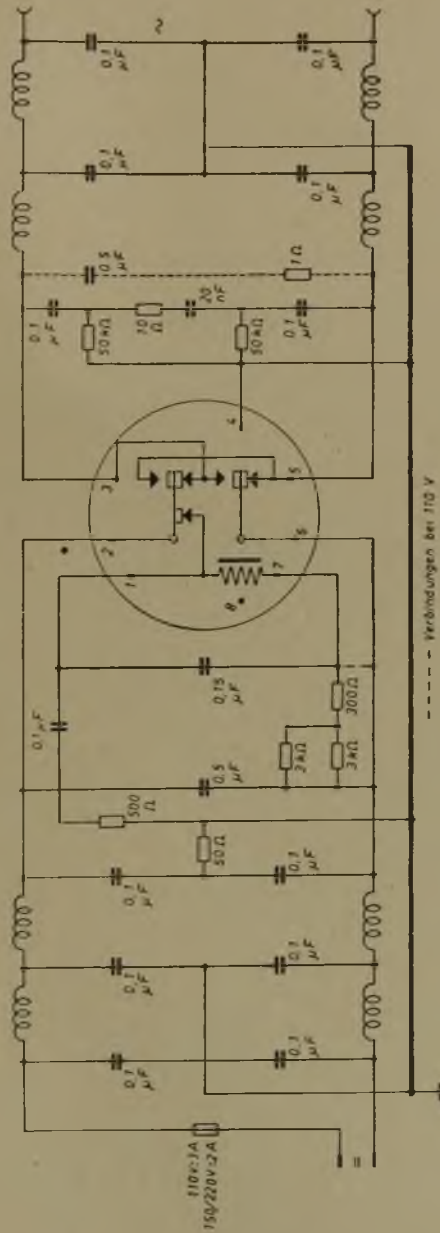
Weisschaltstellung „kurz“

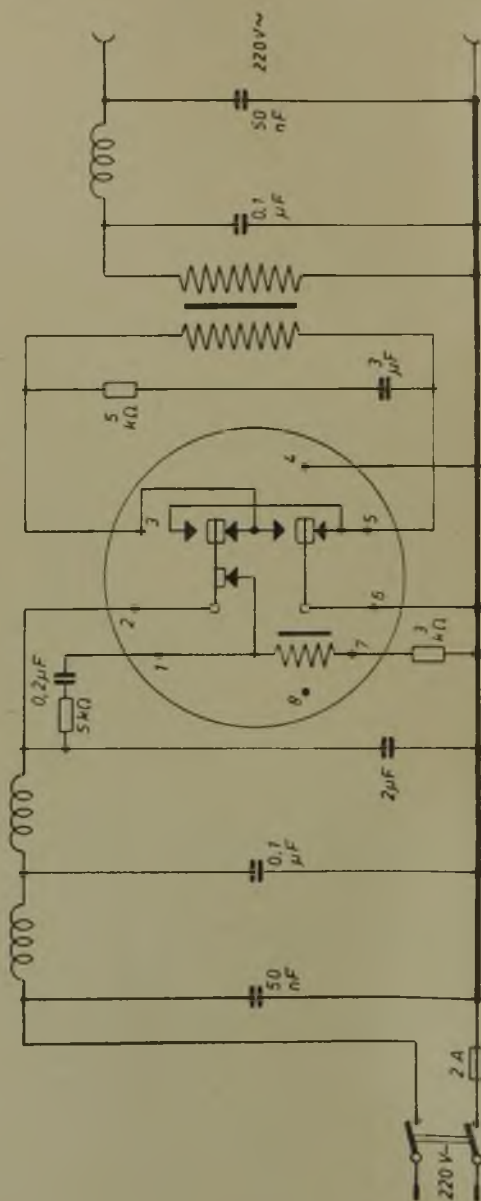
ZF = 468/473 kHz



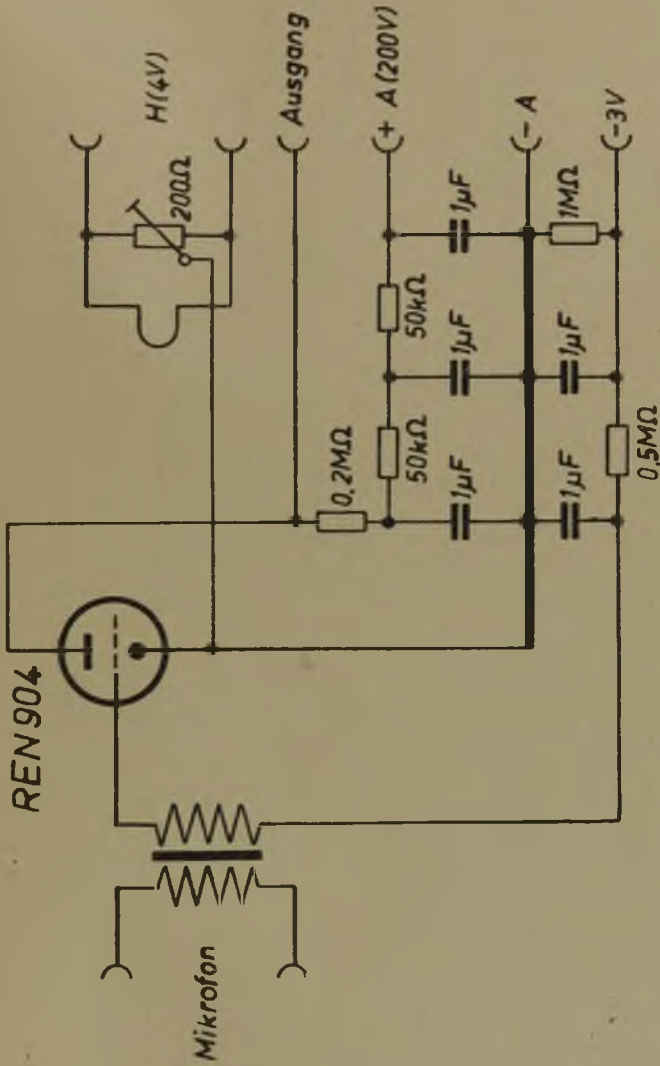
SIEMENS-WECHSELRICHTER



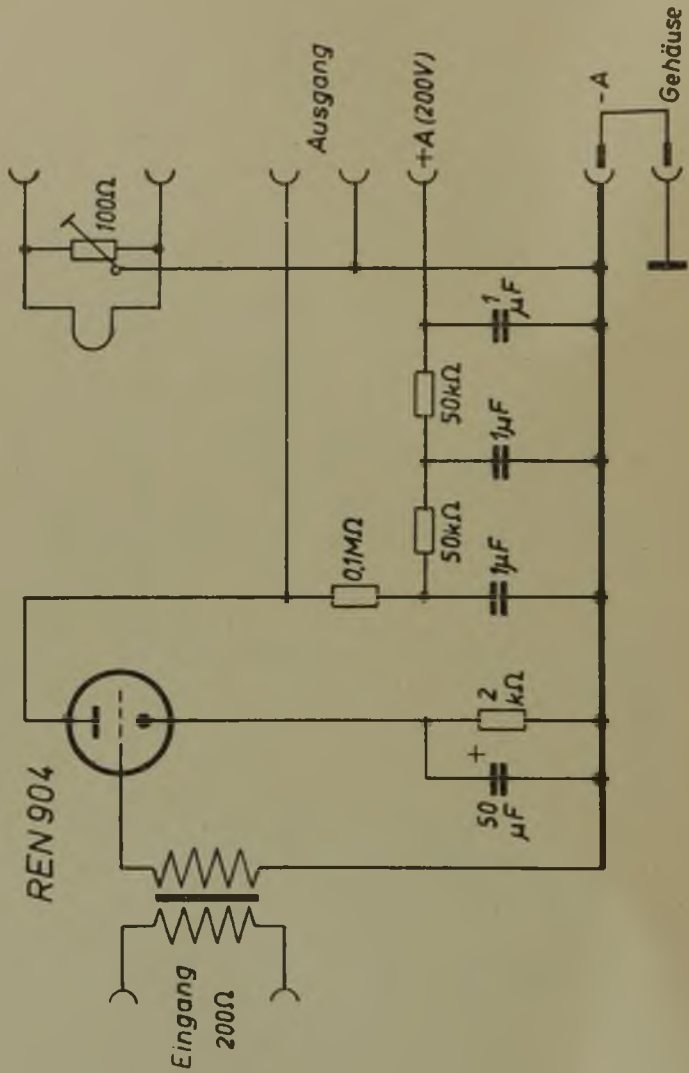


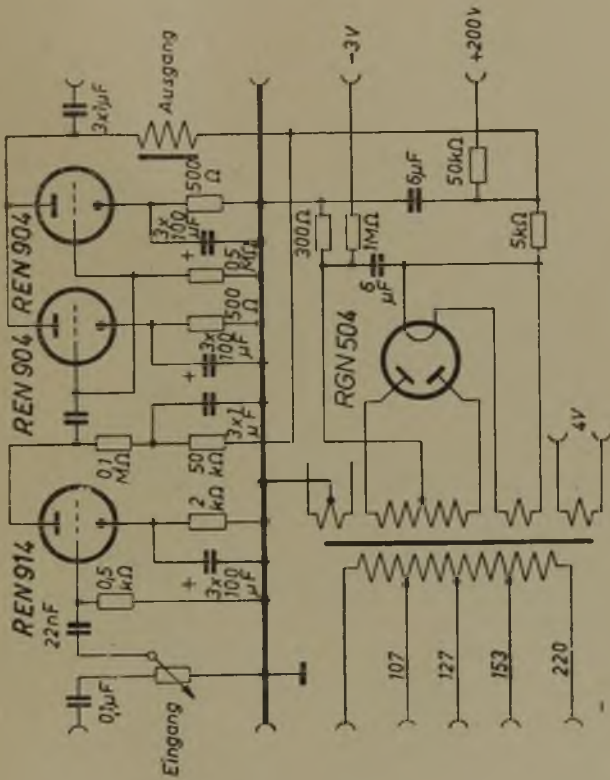


SIEMENS-VERSTÄRKER

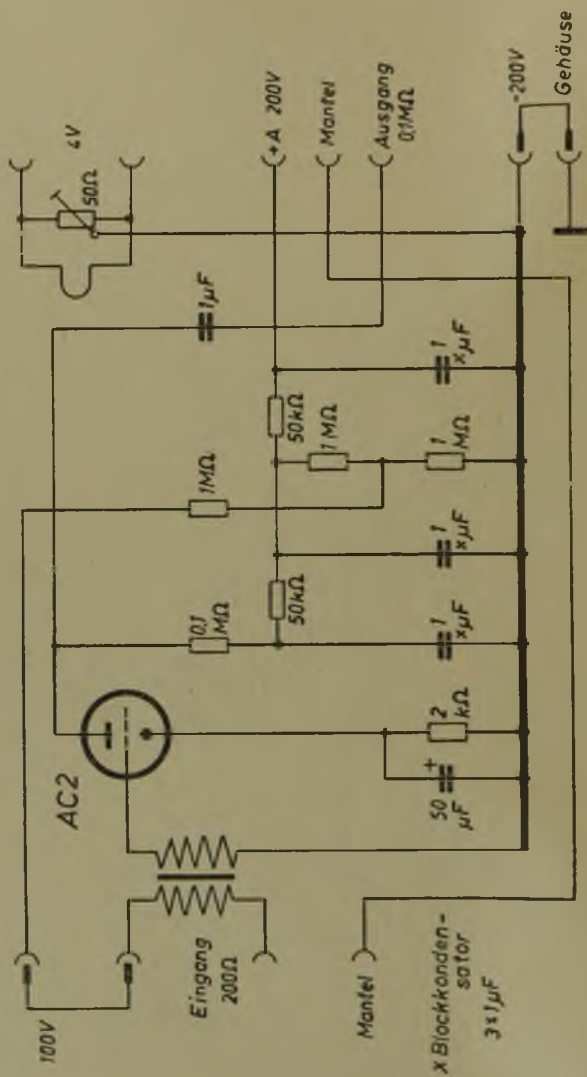


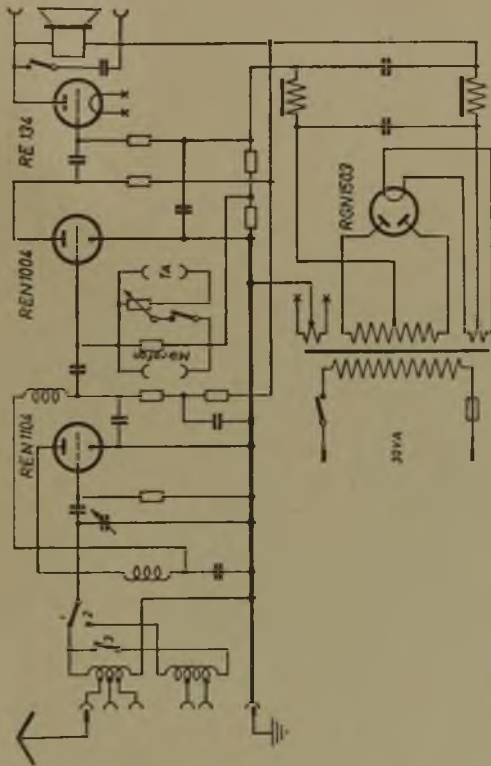
Siemens **SMV 1a** (Mikrofonvorverstärker)

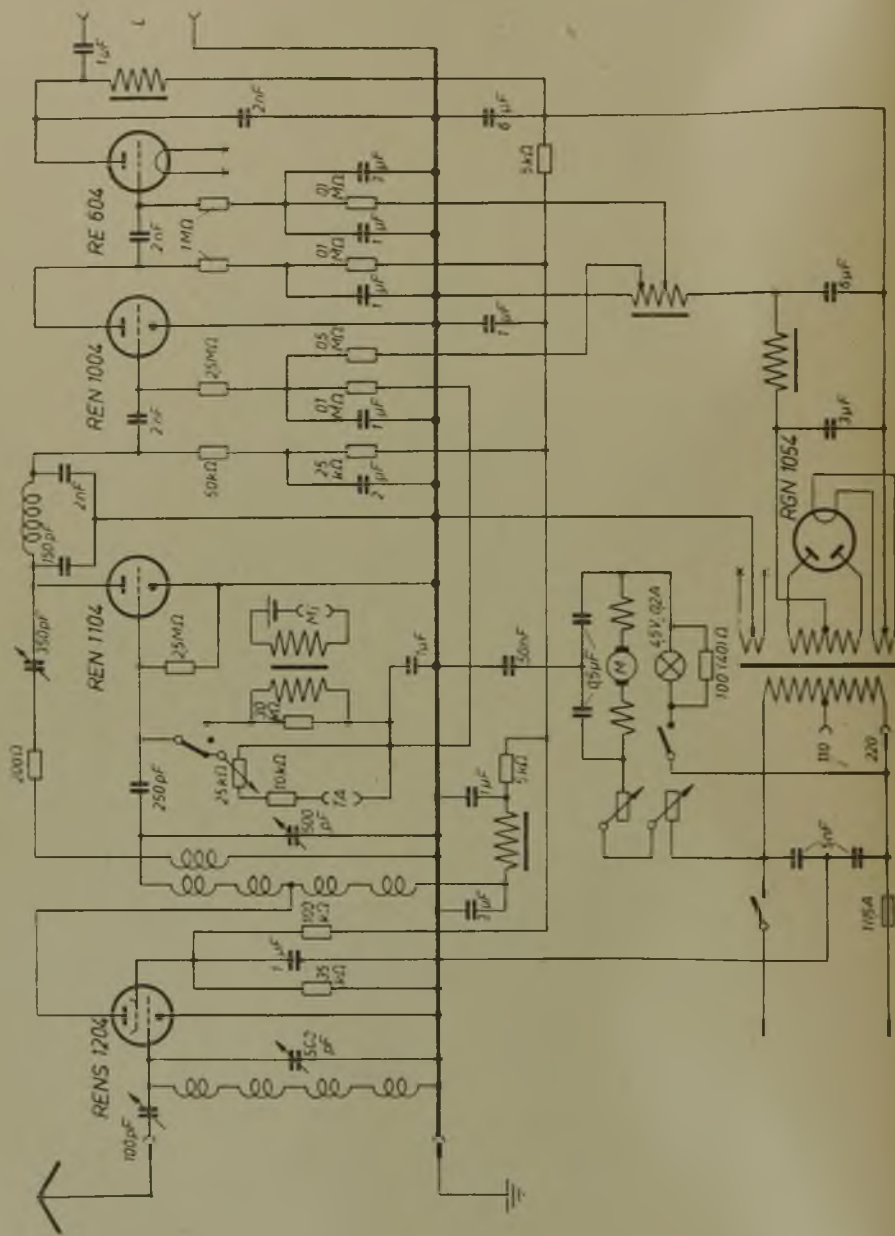


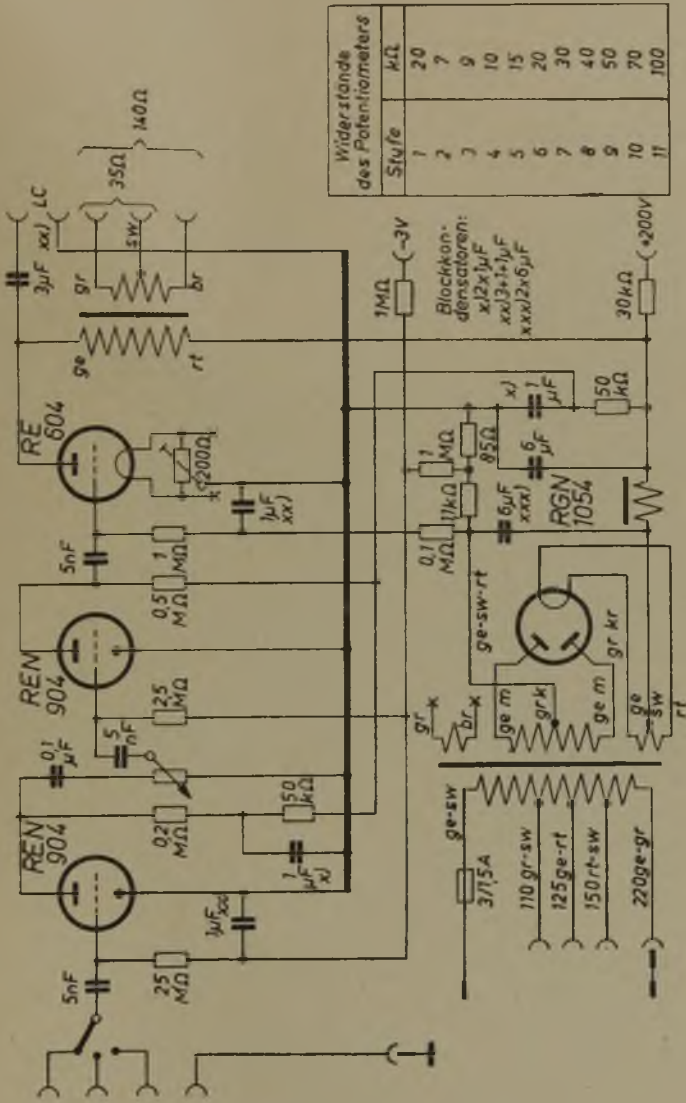


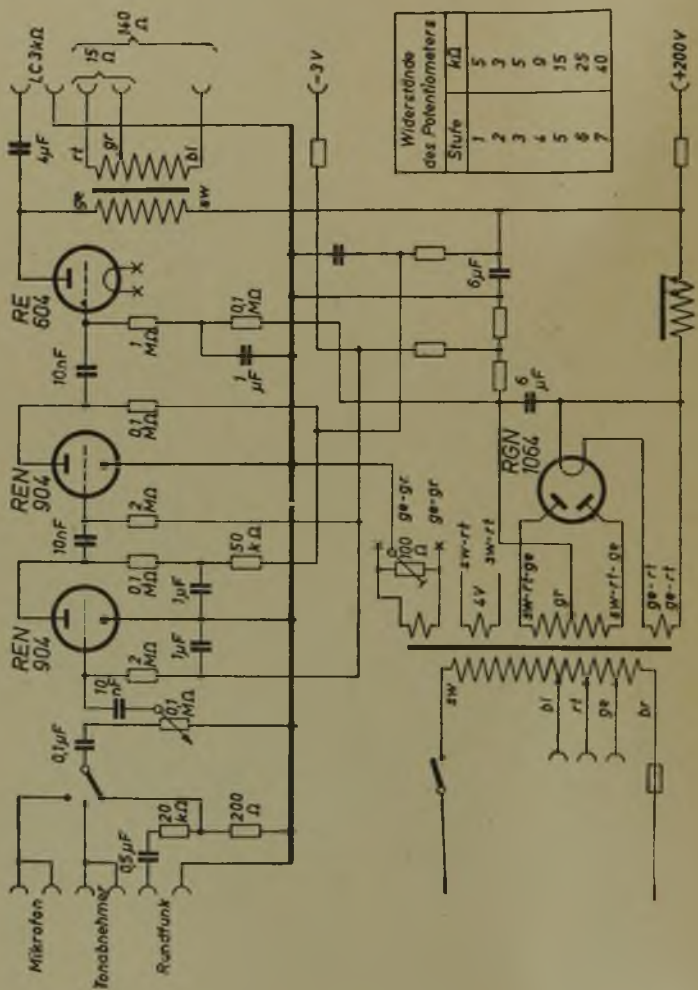
Siemens **SV 1/1** (Steuerverstärker)

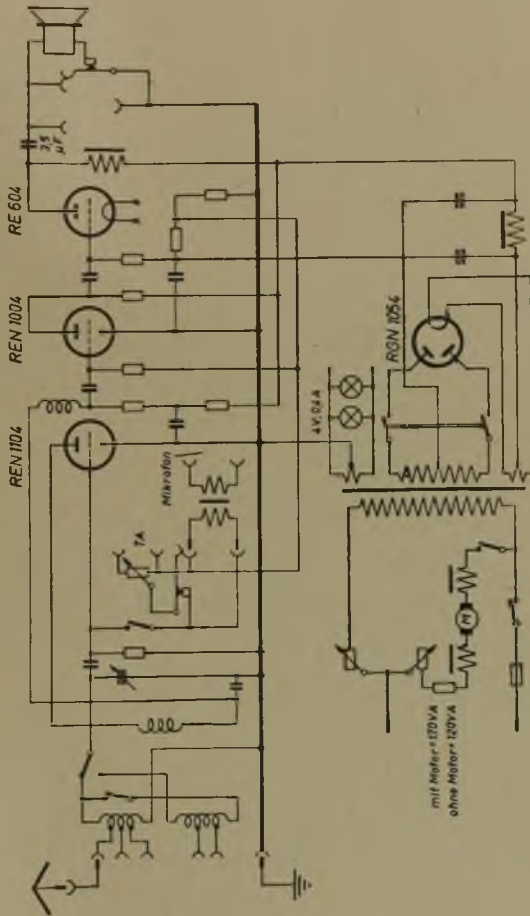




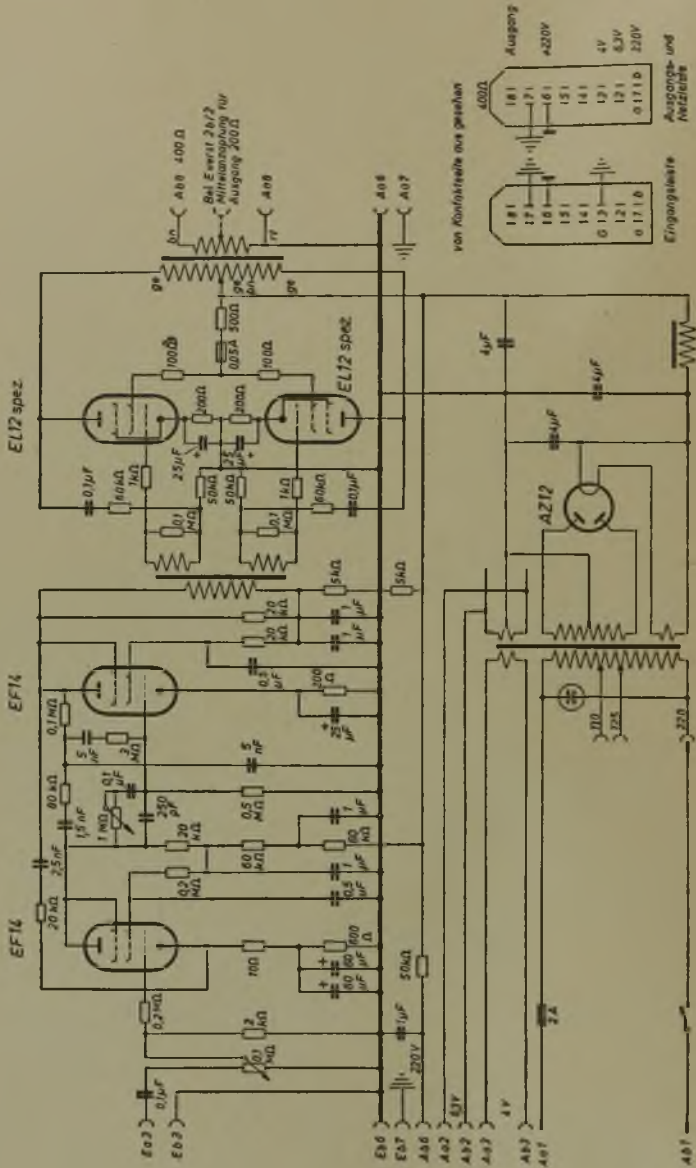


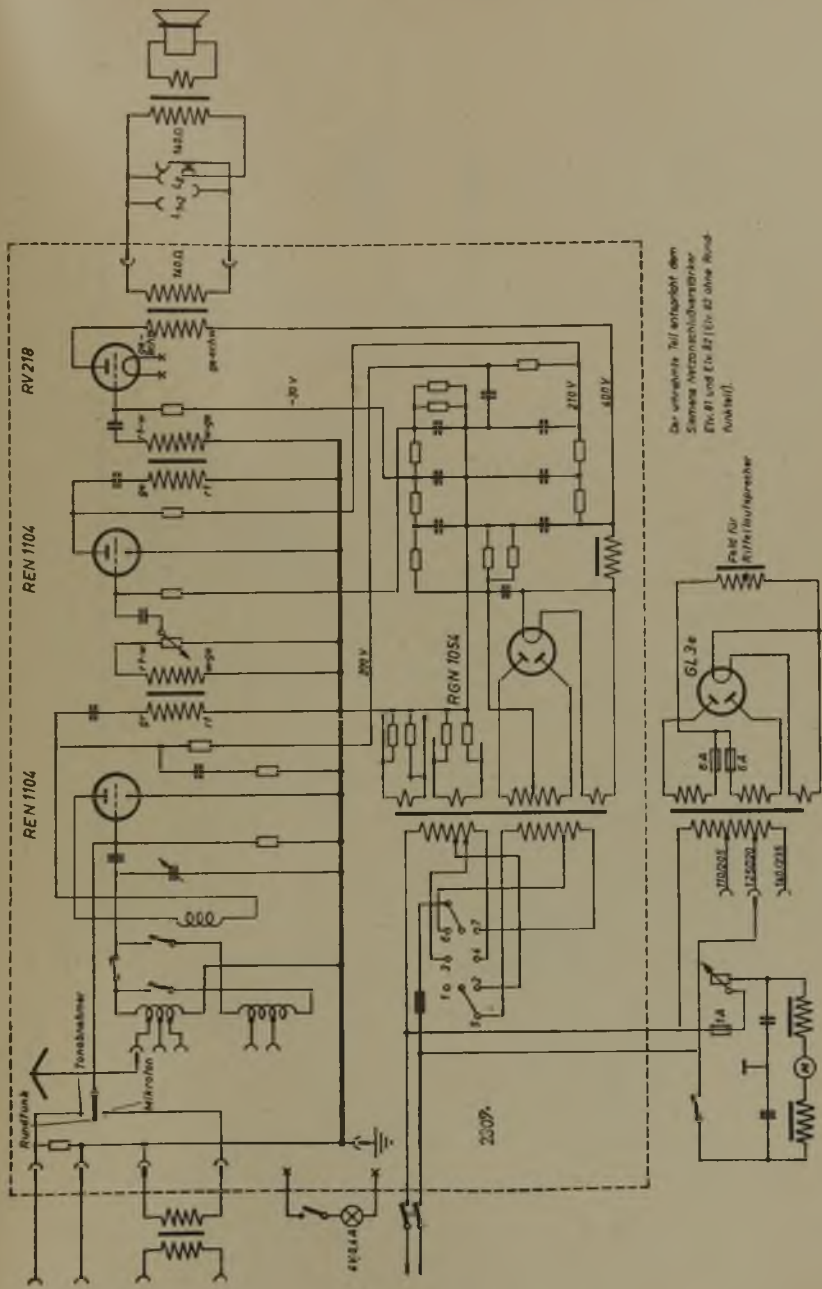






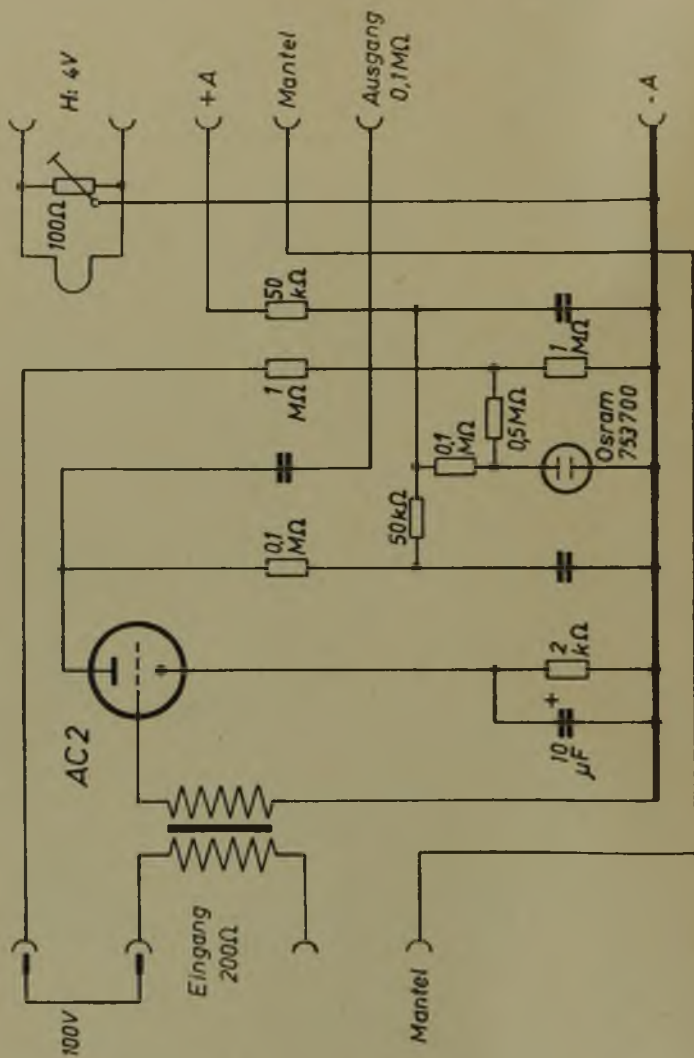
Siemens E verst 2 b/1 und 2 b/2 (25-Watt-Verstärker)

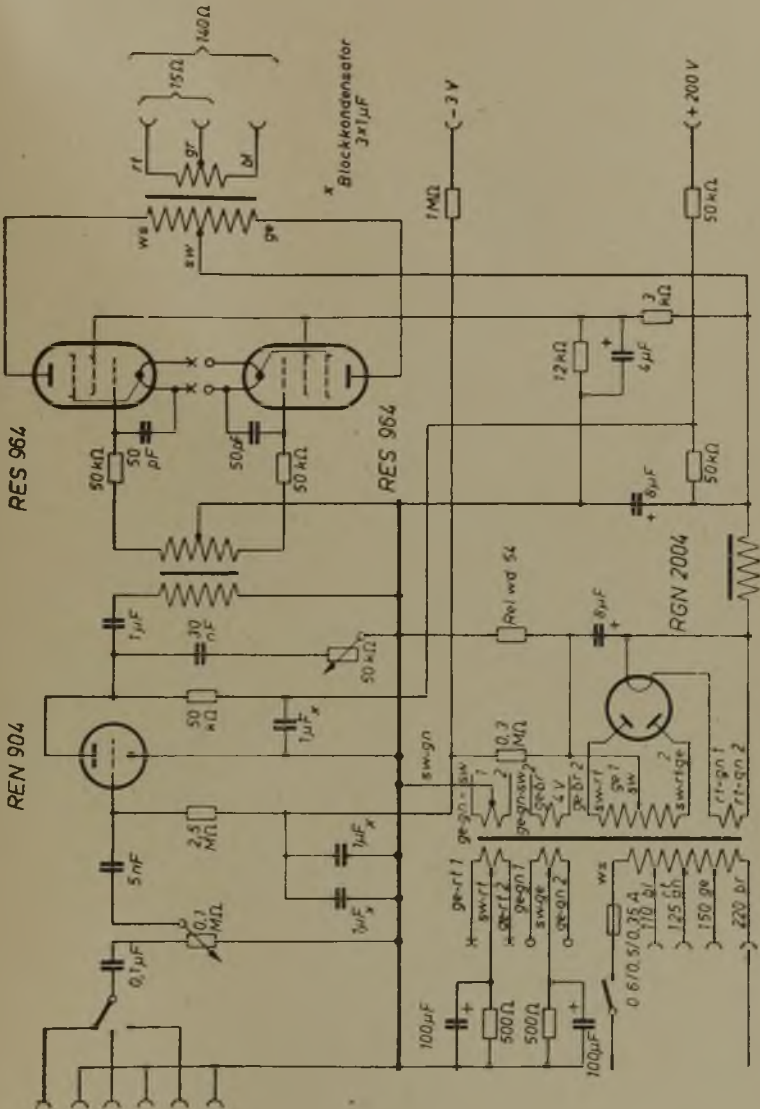




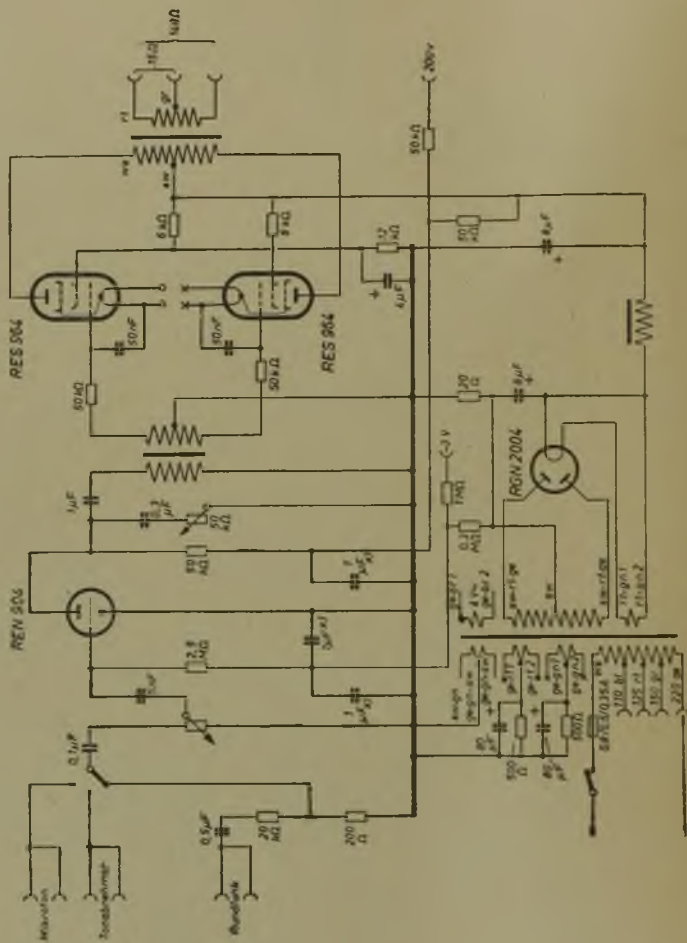
Der erwähnte Teil entspricht dem
Siemens Mikroenschaltwerk
Typ. 81 und Typ. 82 (für 82 ohne Rund-
funkteil).

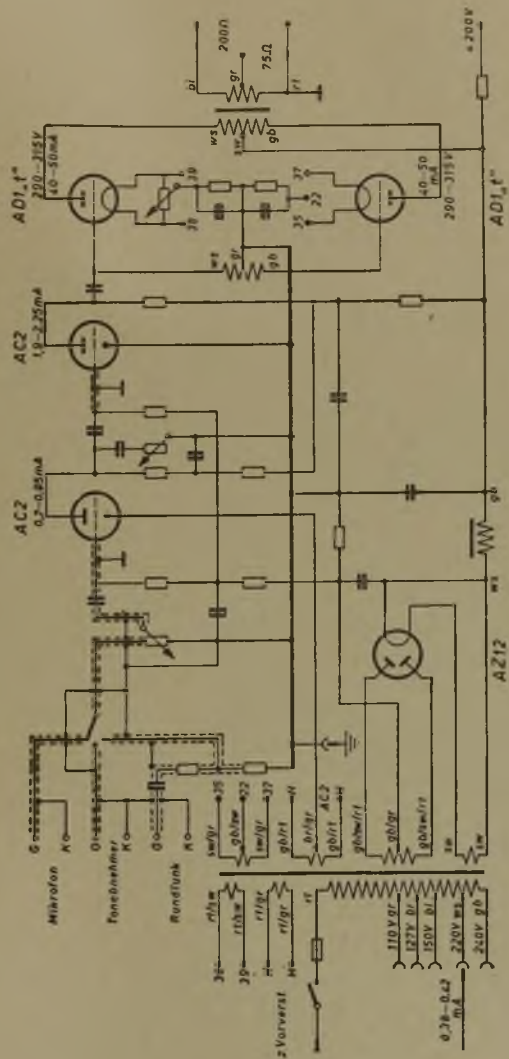
Siemens **E verst 4a/1** (Mikrofonvorverstärker)

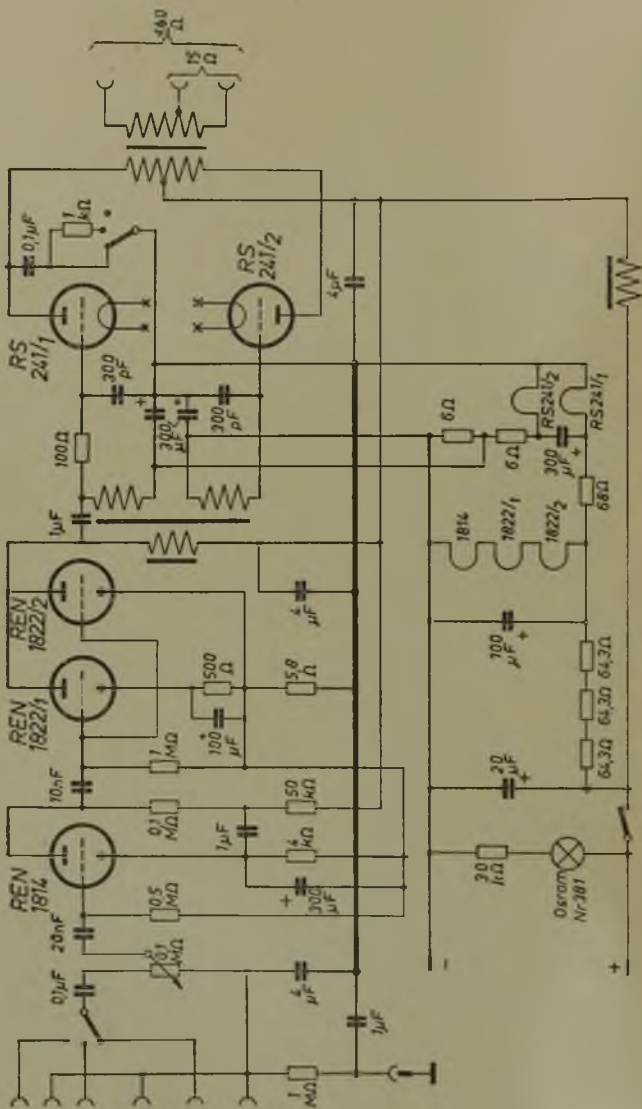


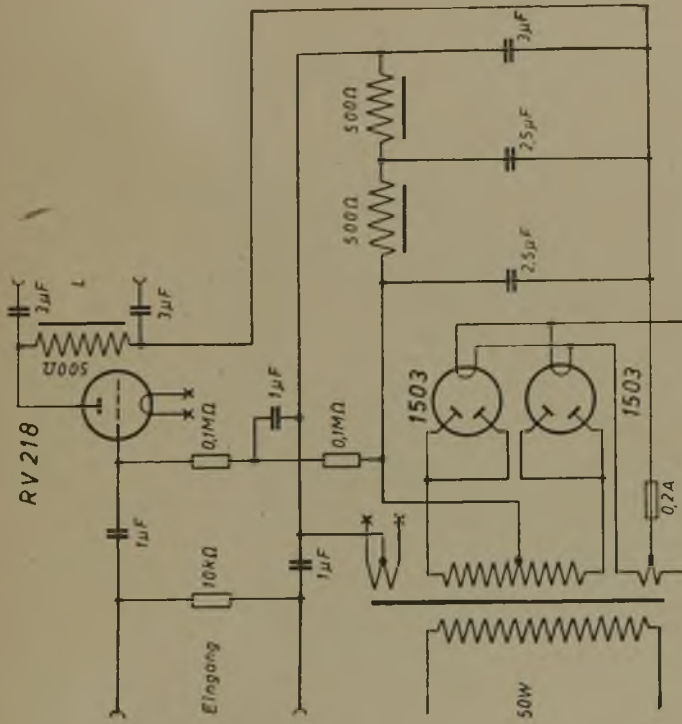


Siemens **SV 8a W** (7,5-Watt-Verstärker)

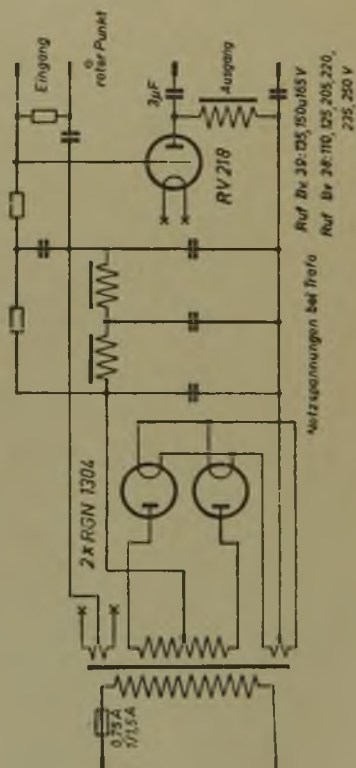


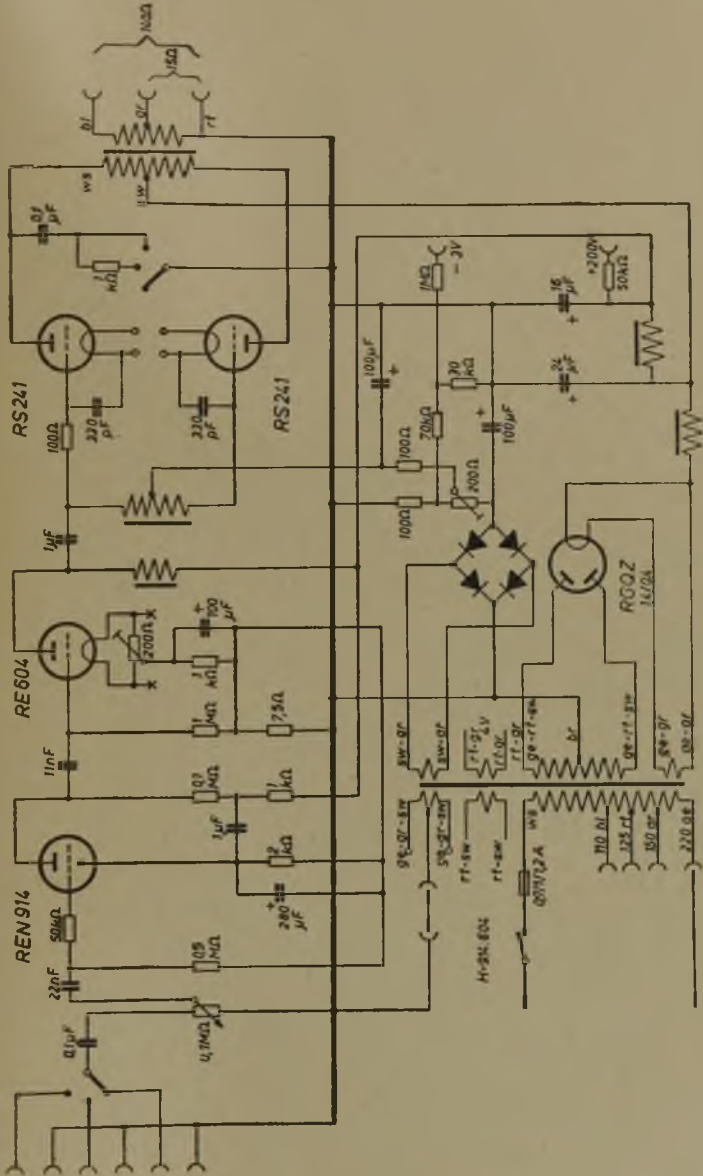


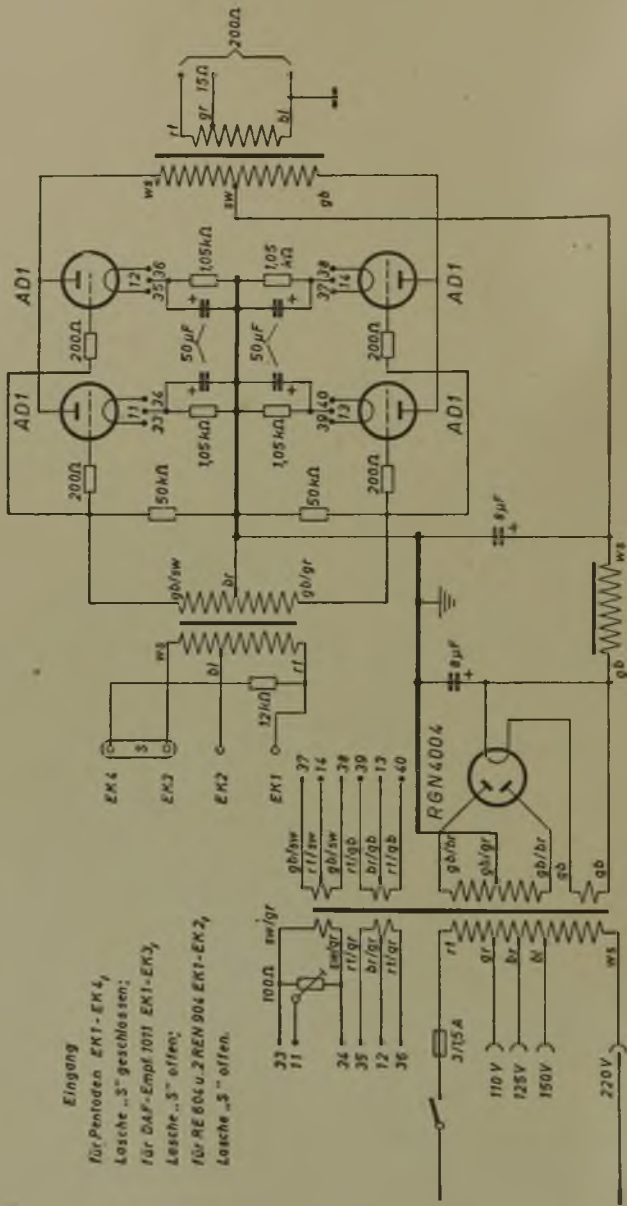




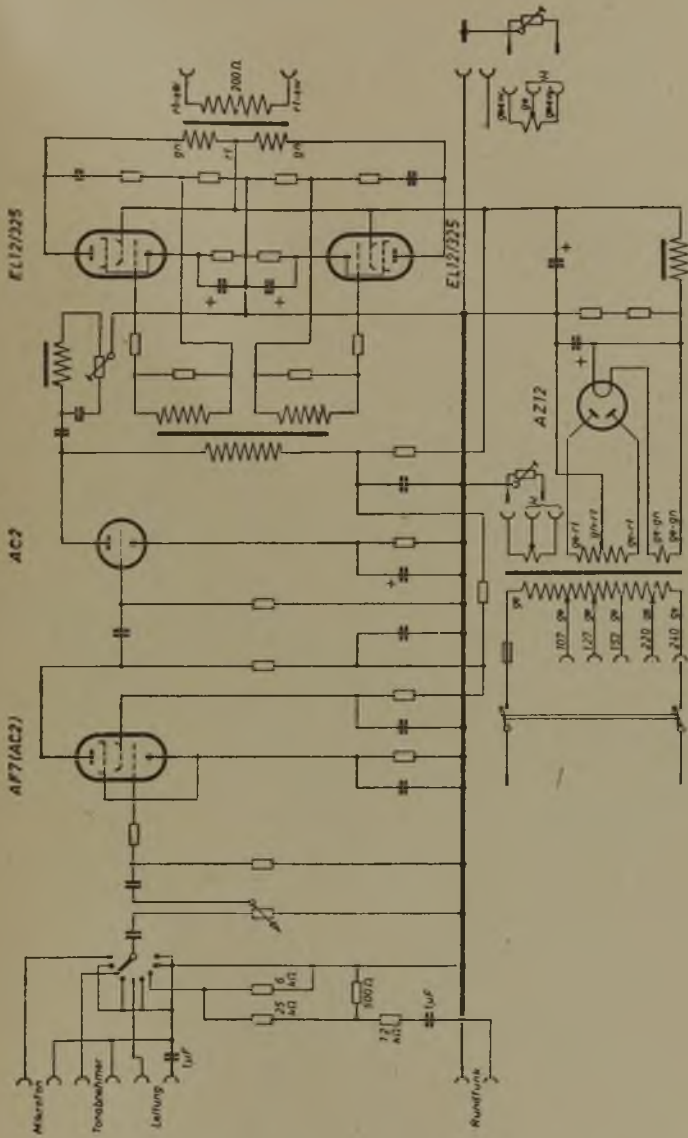
Siemens **Rfv 12 b** (Netzendstufe)



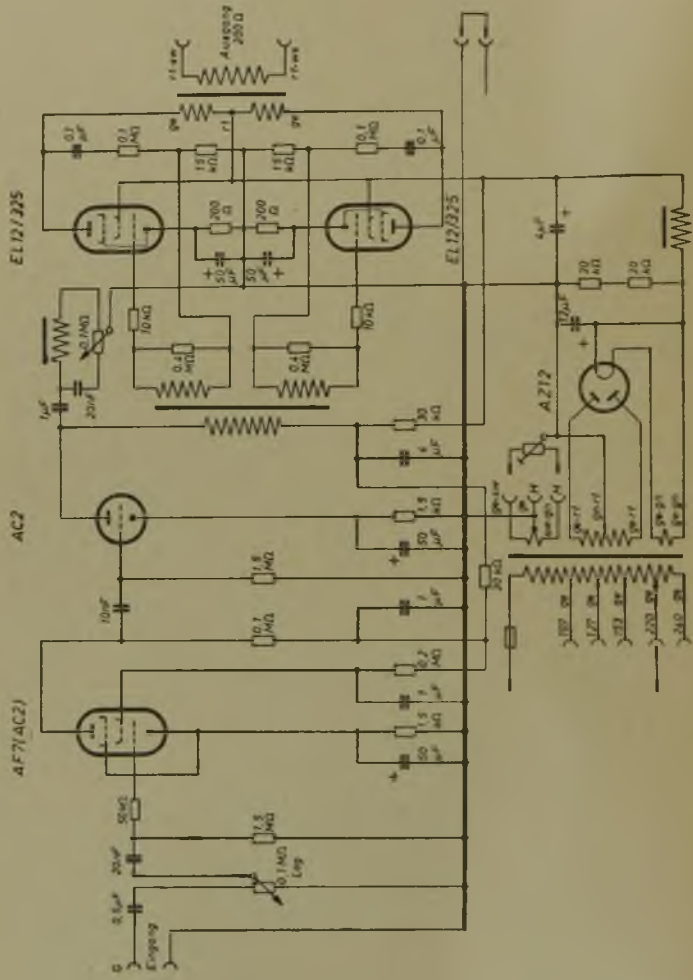


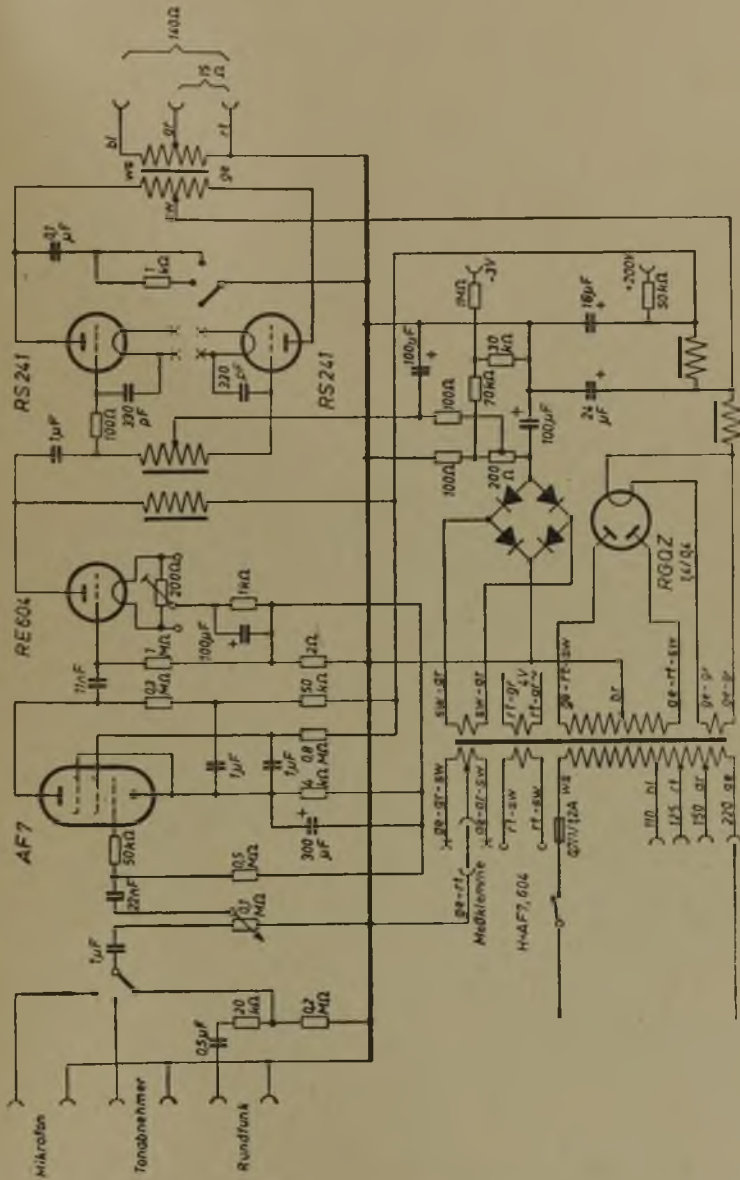


Eingang
für Pentoden EKT1-EKT4,
Lötlöte „S“ geschlossen;
für DAF-Empf 1011 EKT1-EKT3,
Lötlöte „S“ offen;
für RE 604 u. 2 REN 904 EKT1-EKT2,
Lötlöte „S“ offen.

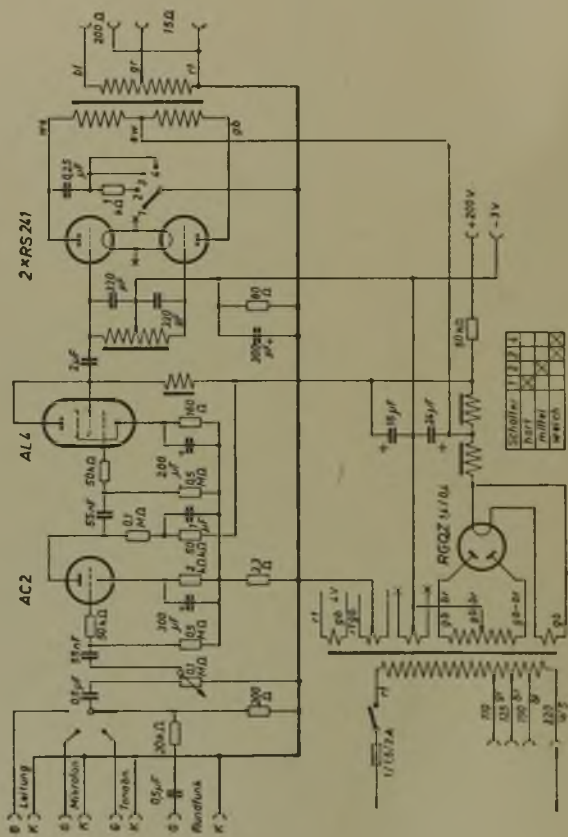


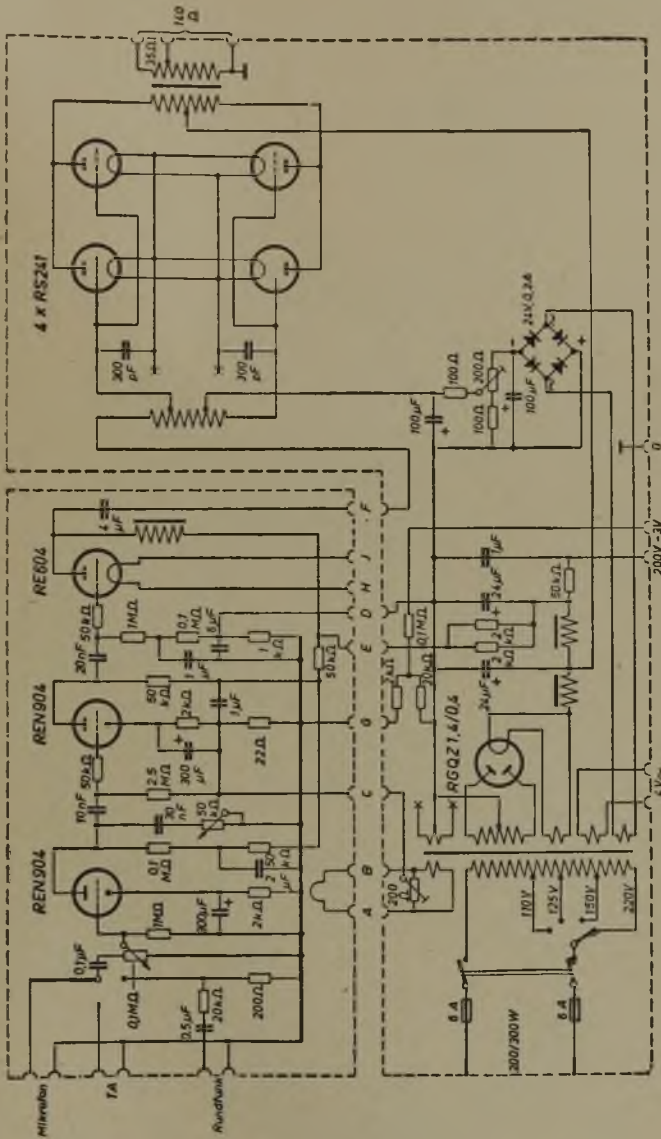
Siemens **SV 20/10 W** (20-Watt-Verstärker)



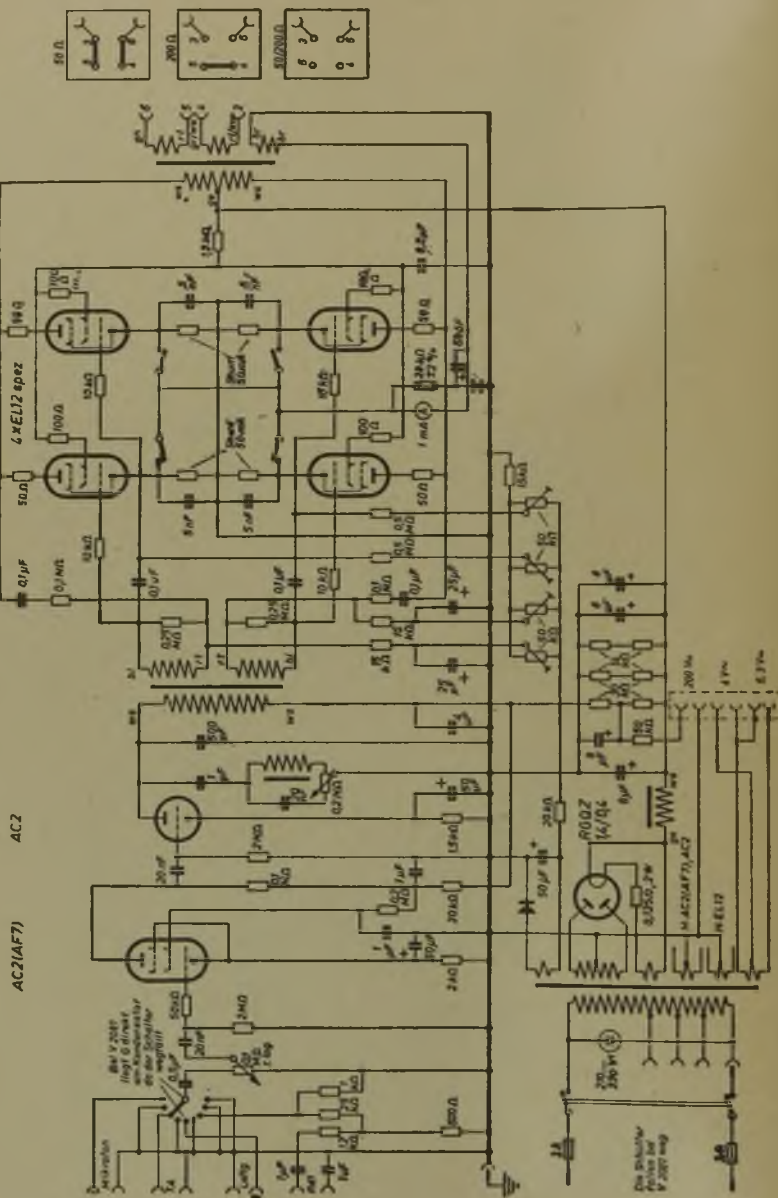


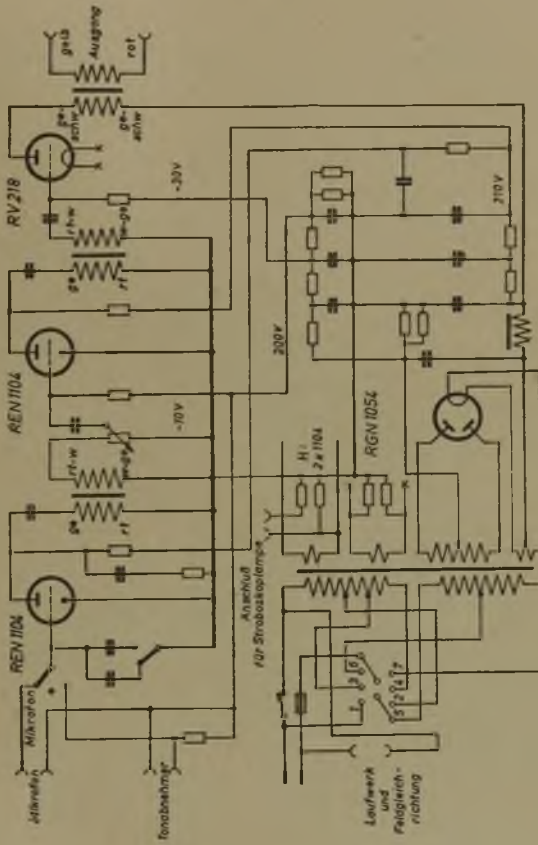
Siemens SV 20 bW (20-Watt-Verstärker)



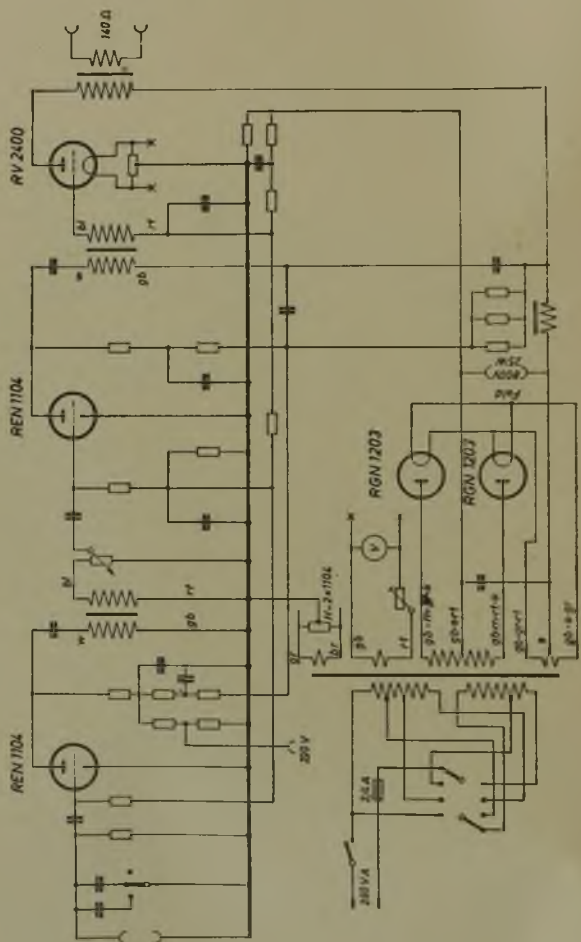


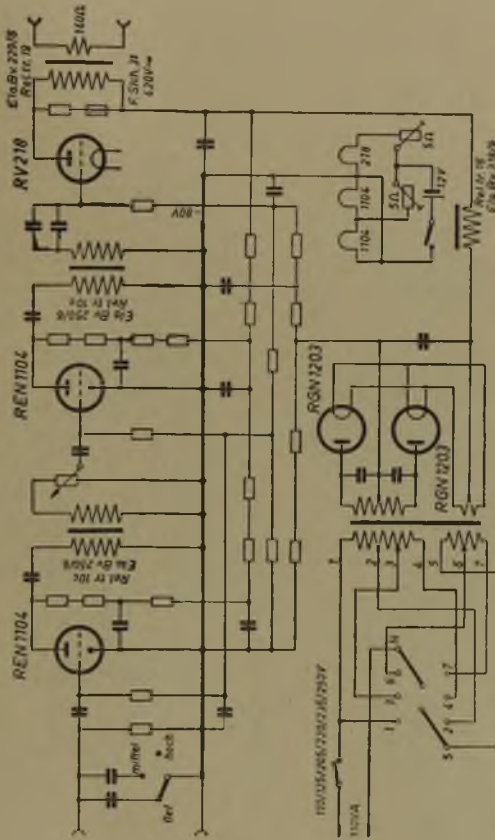
Siemens SV 70/1 W (70-Watt-Verstärker)

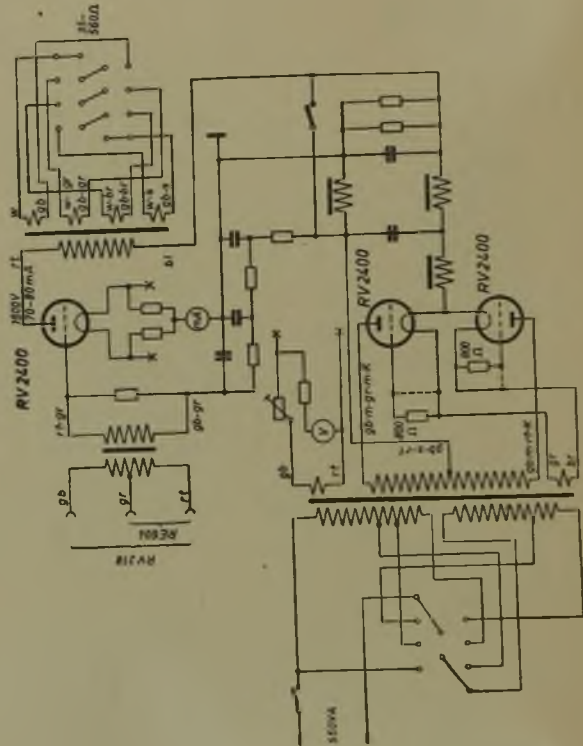


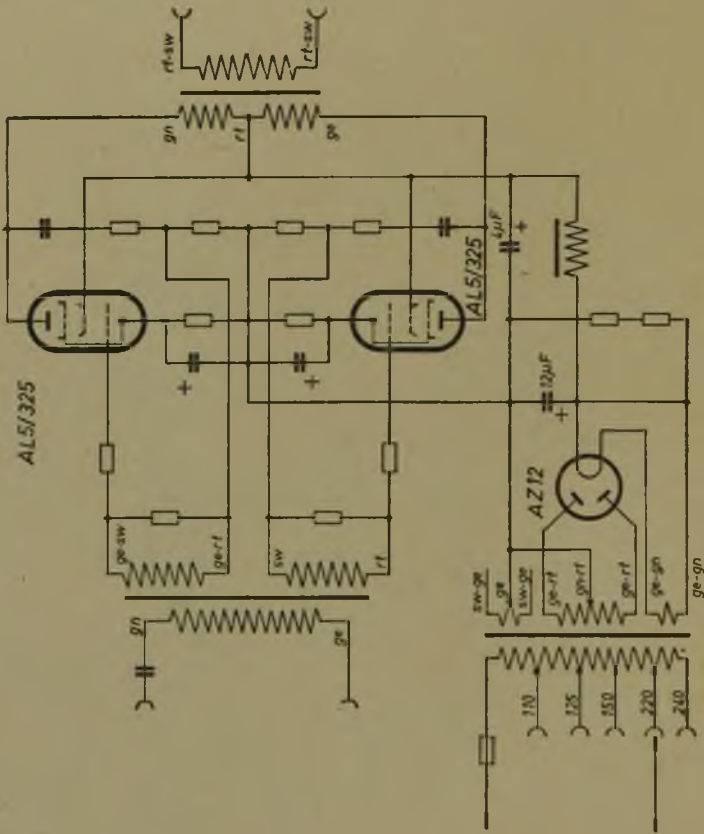


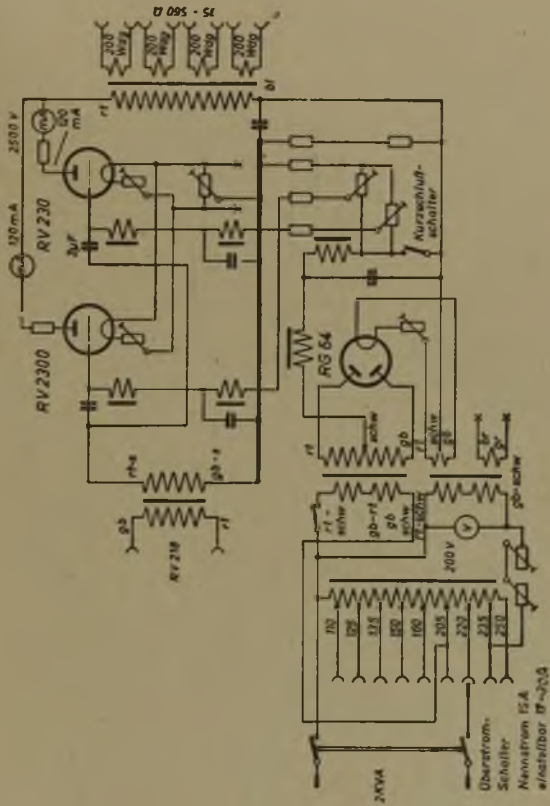
Siemens Elv 83 und 813

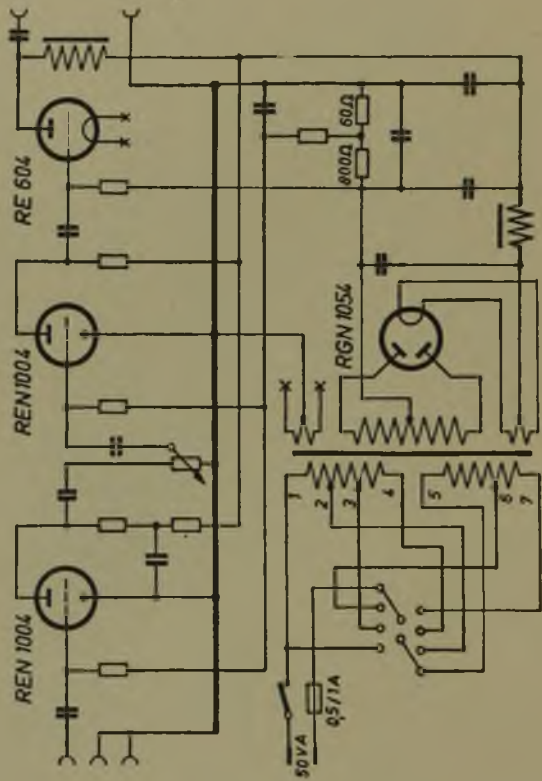


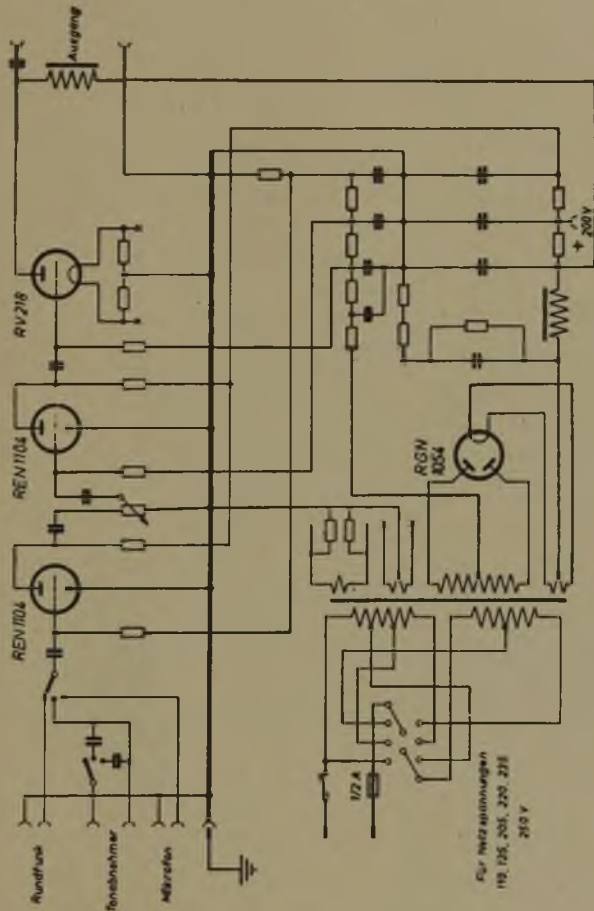


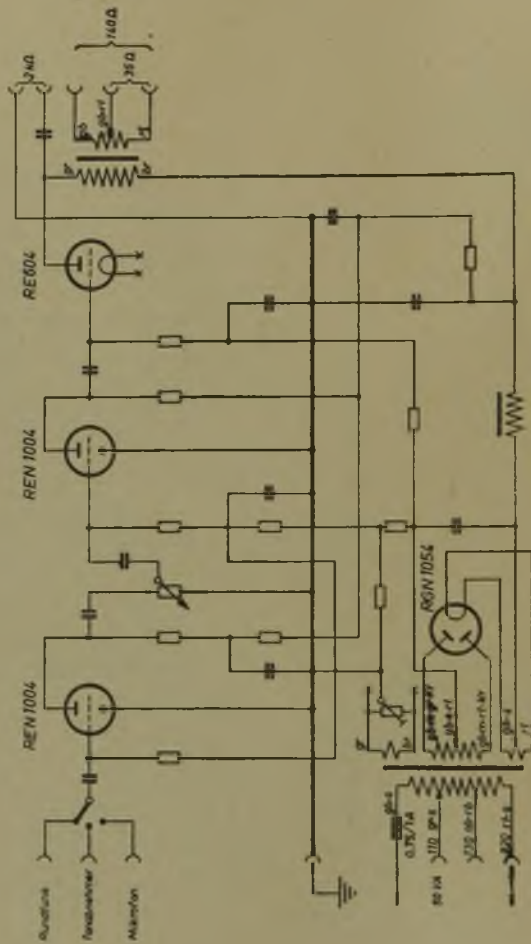


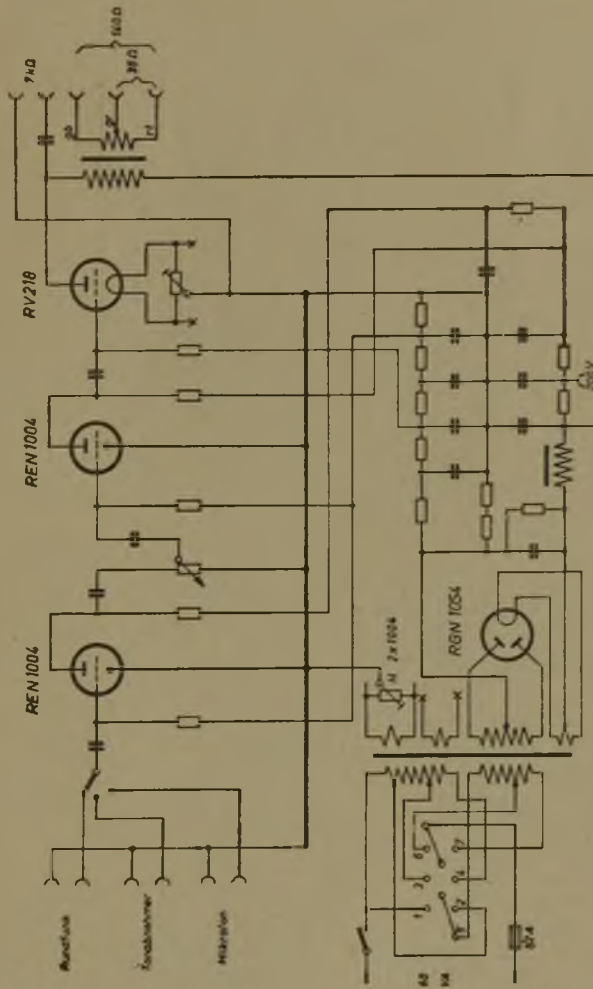


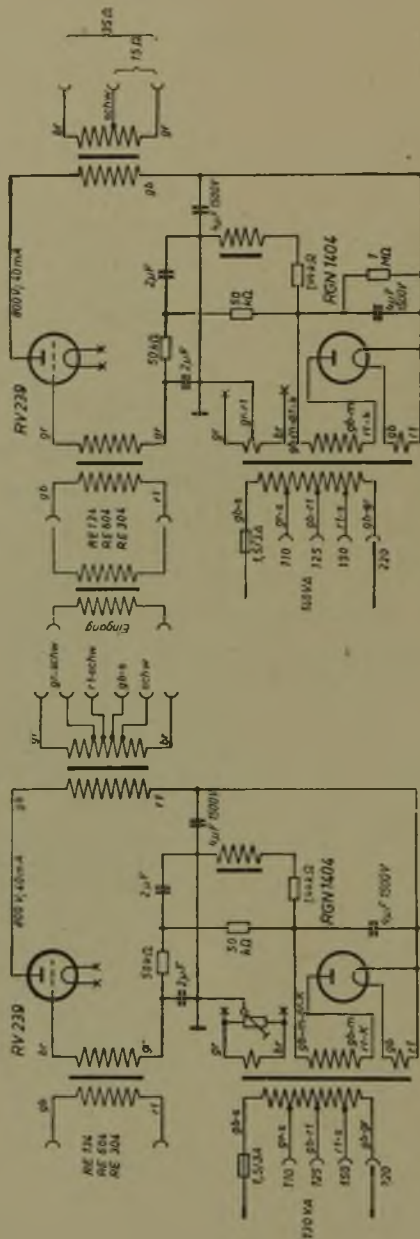


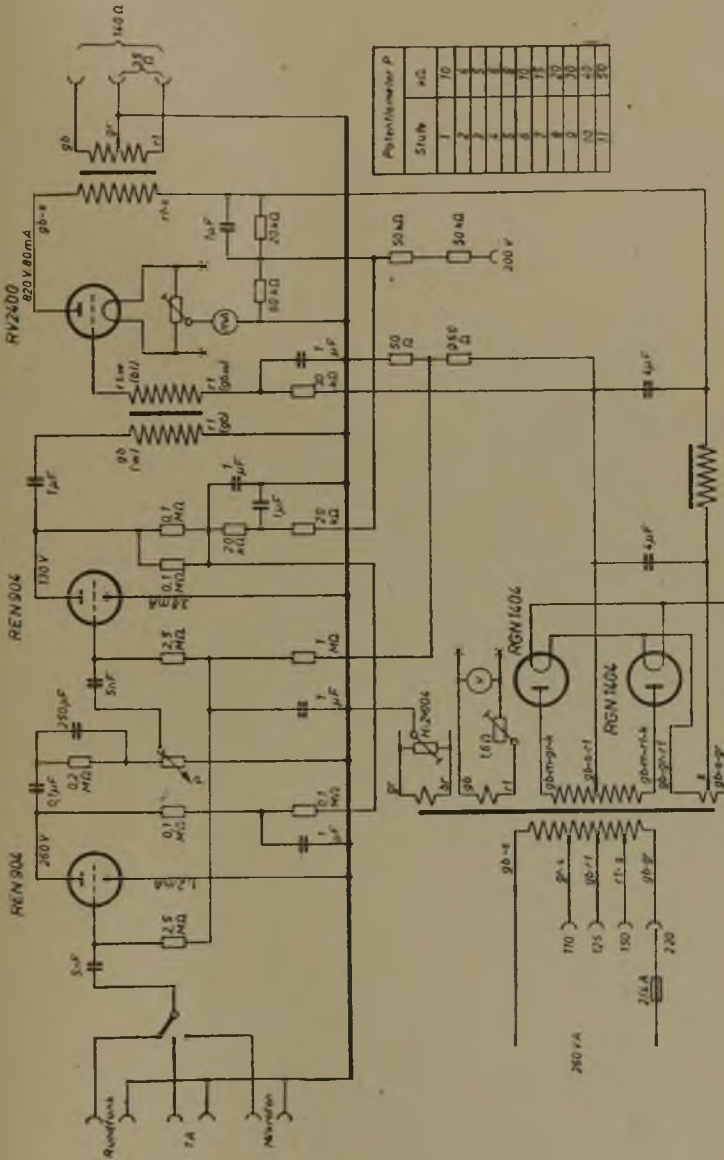


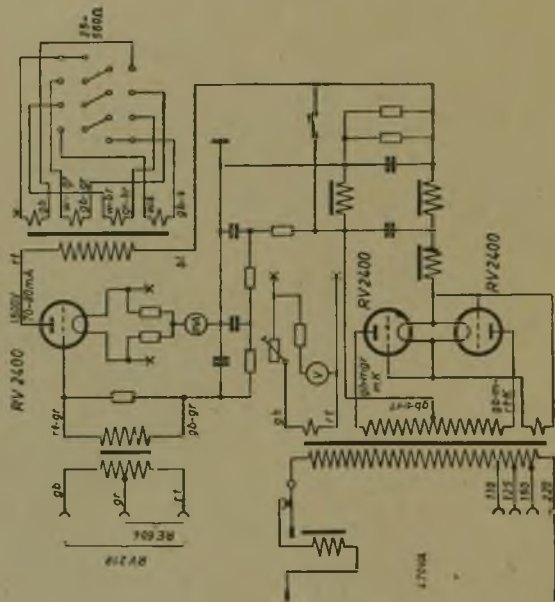


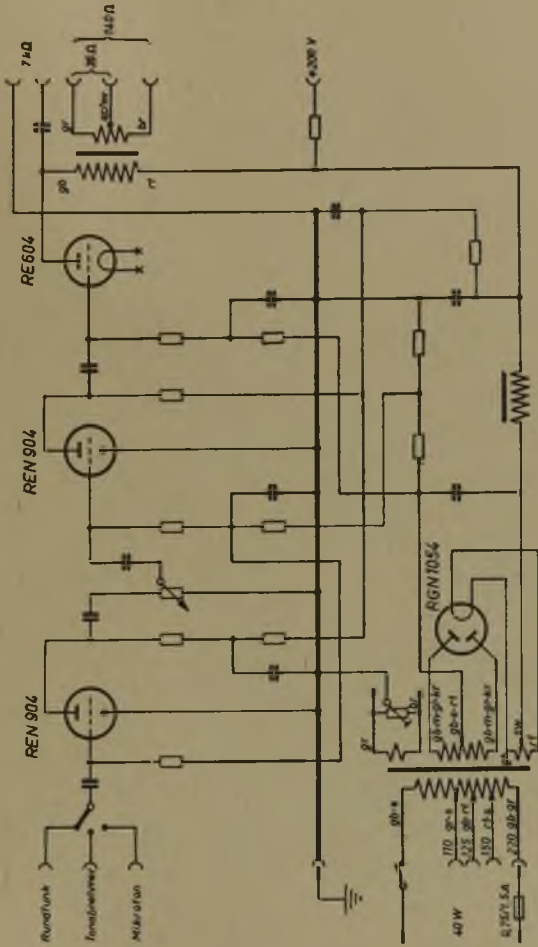


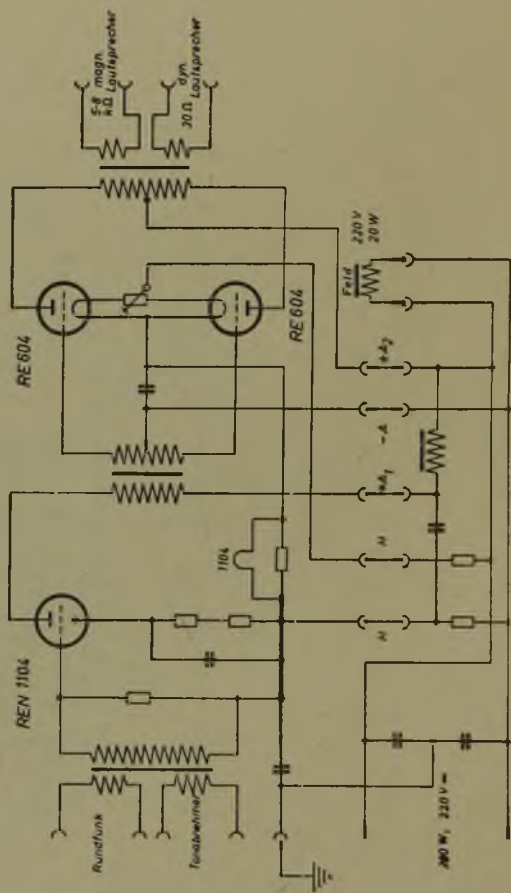


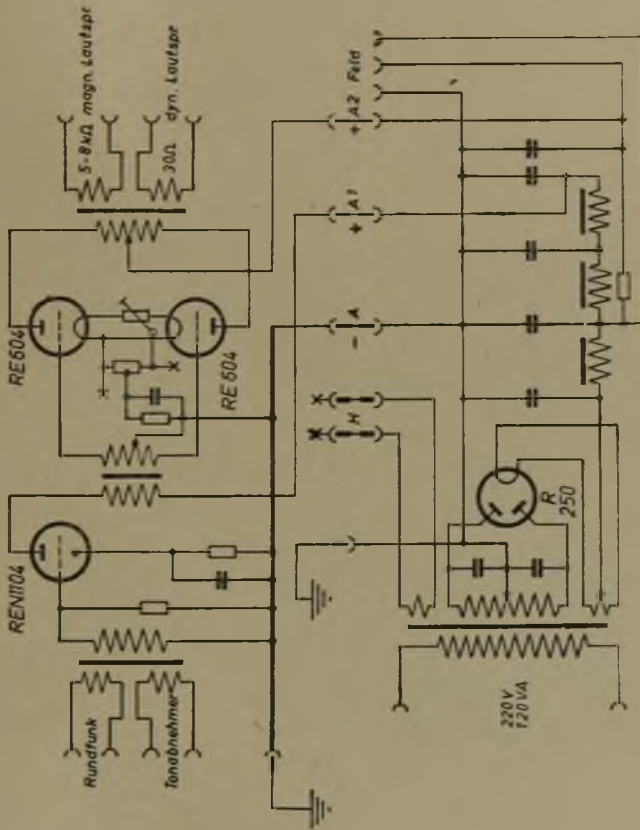


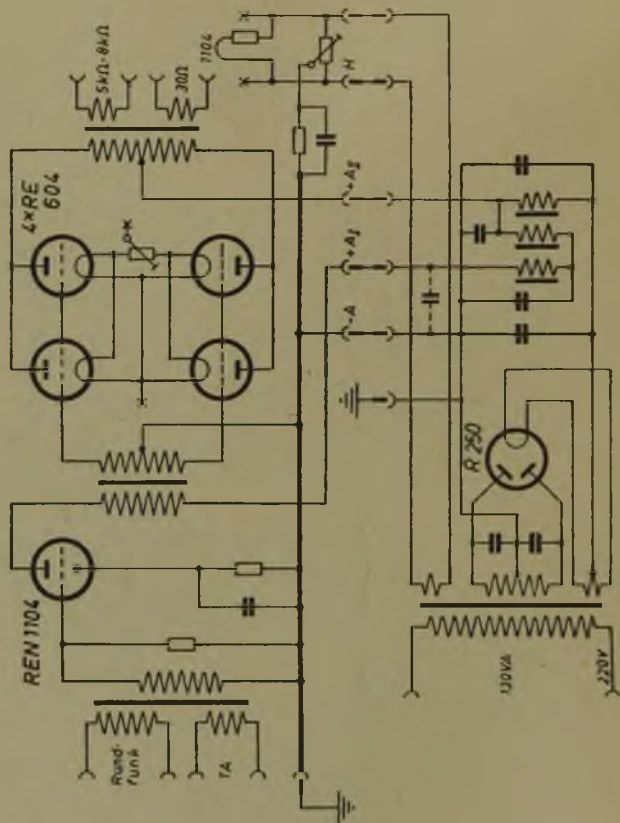


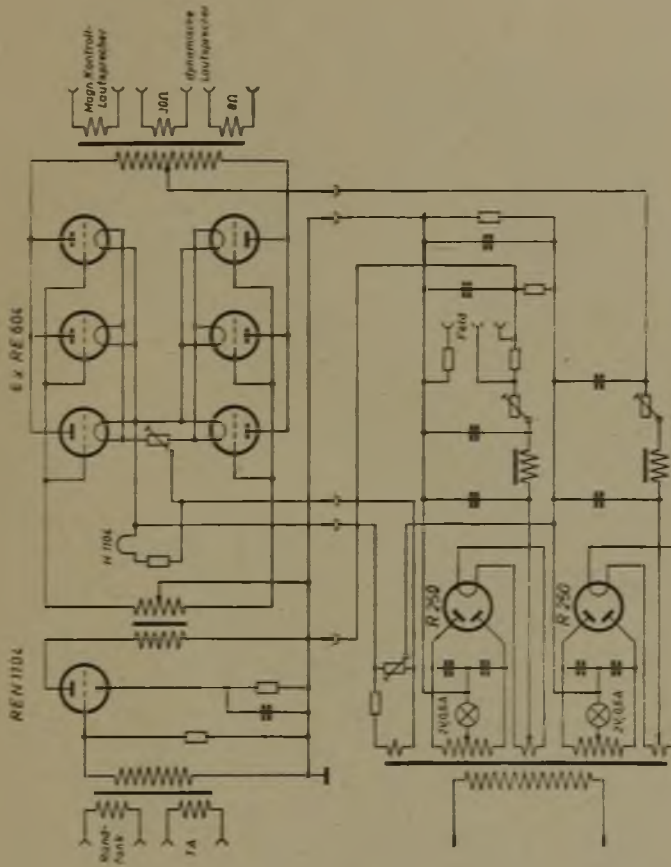


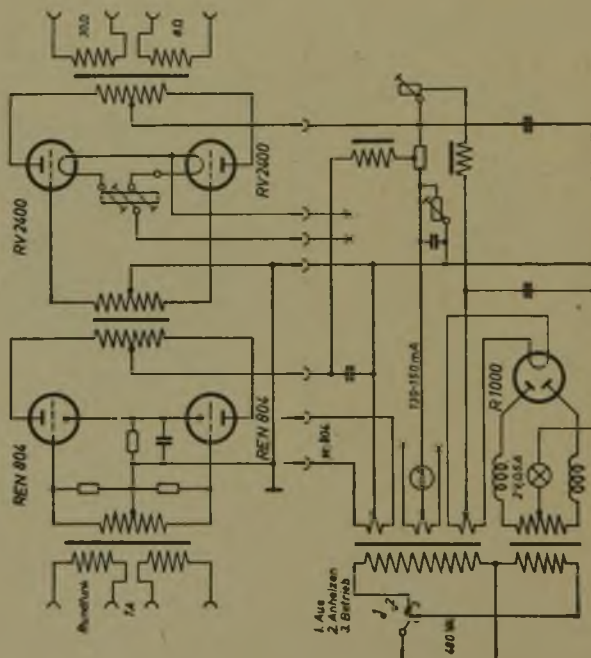
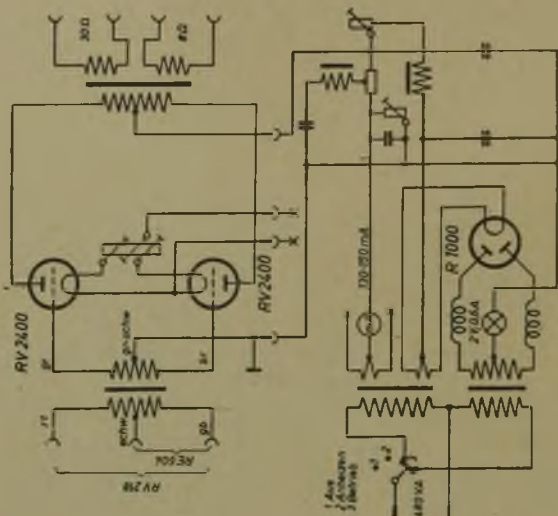


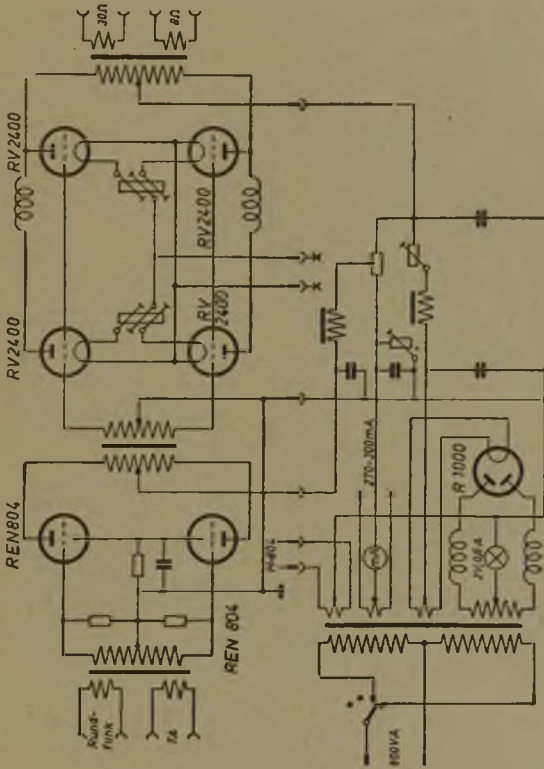


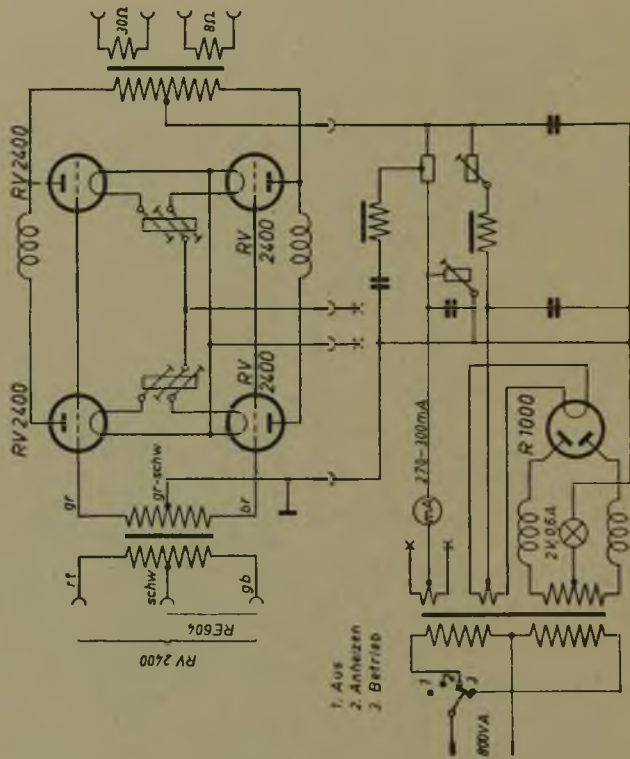




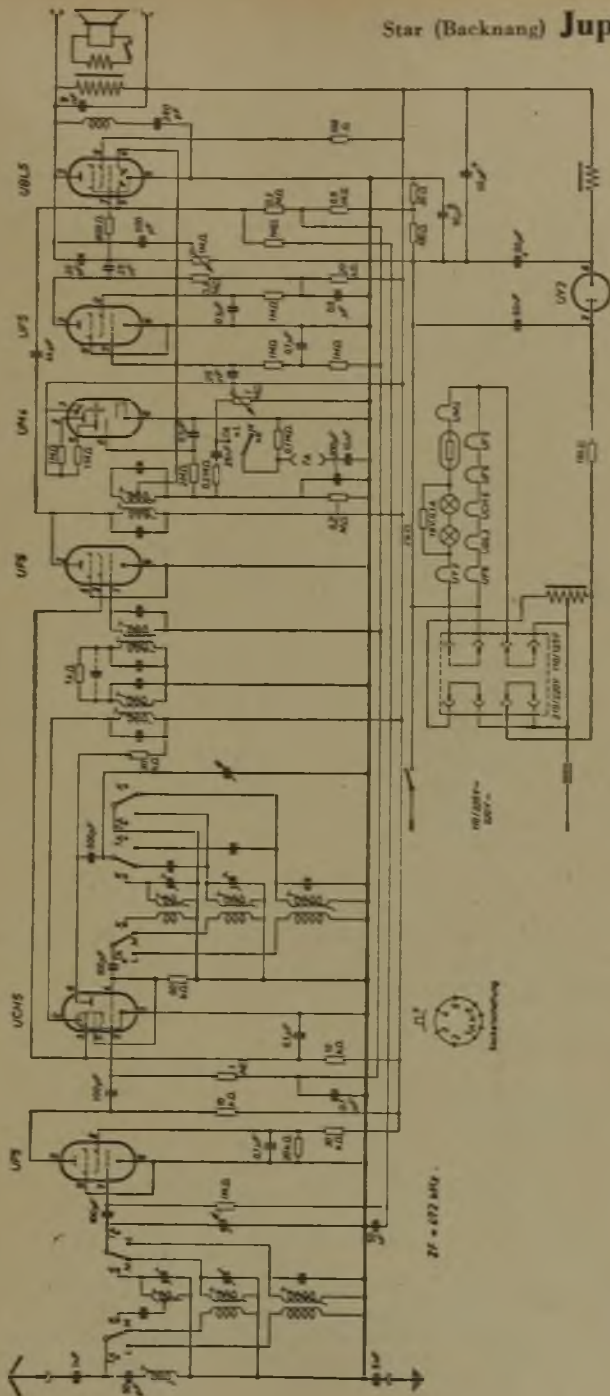




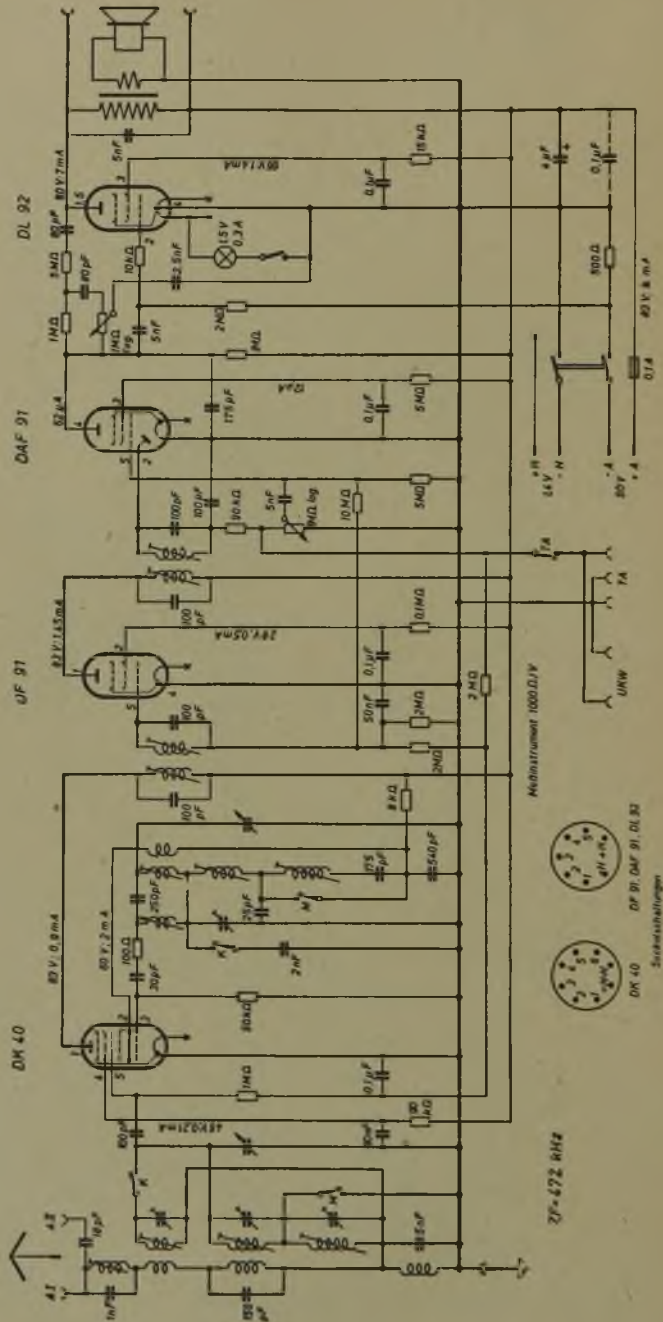




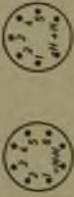
STAR
(Backnang)

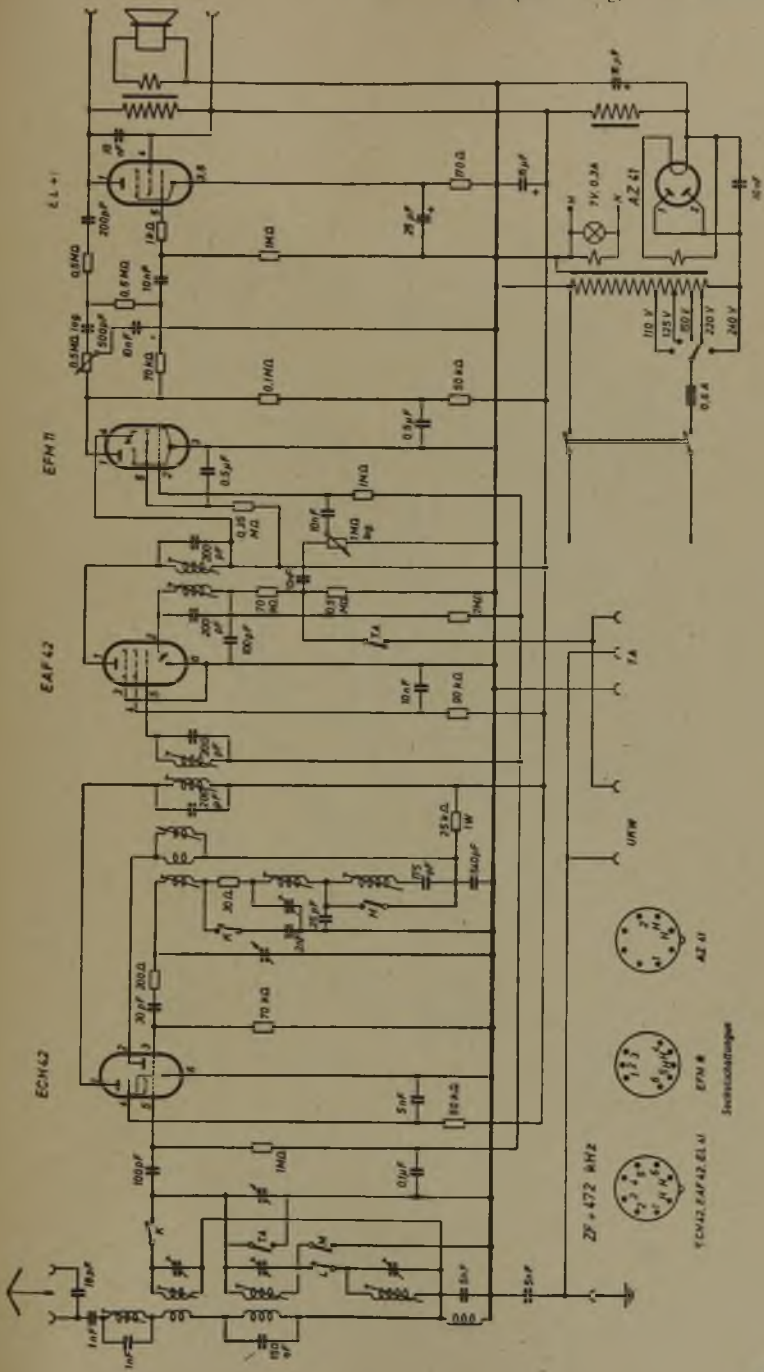


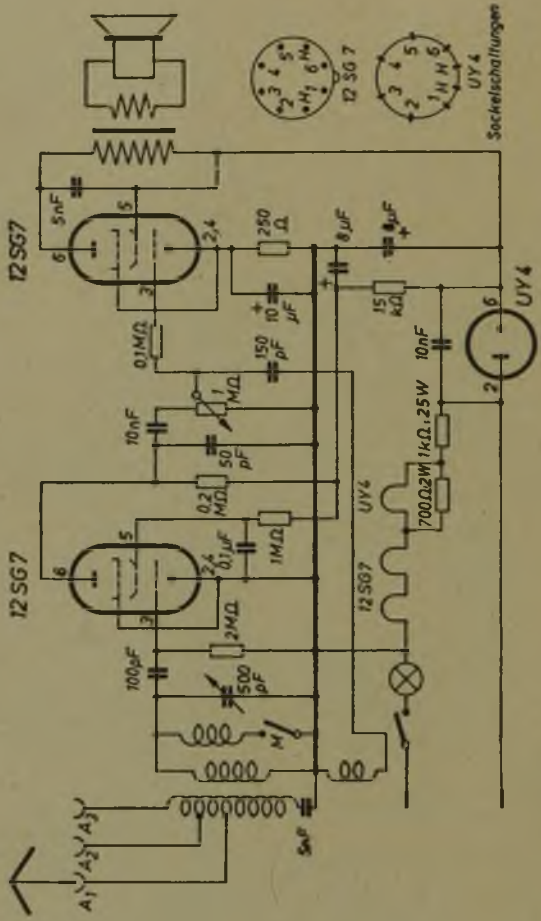
Star (Baeknang) Levante B

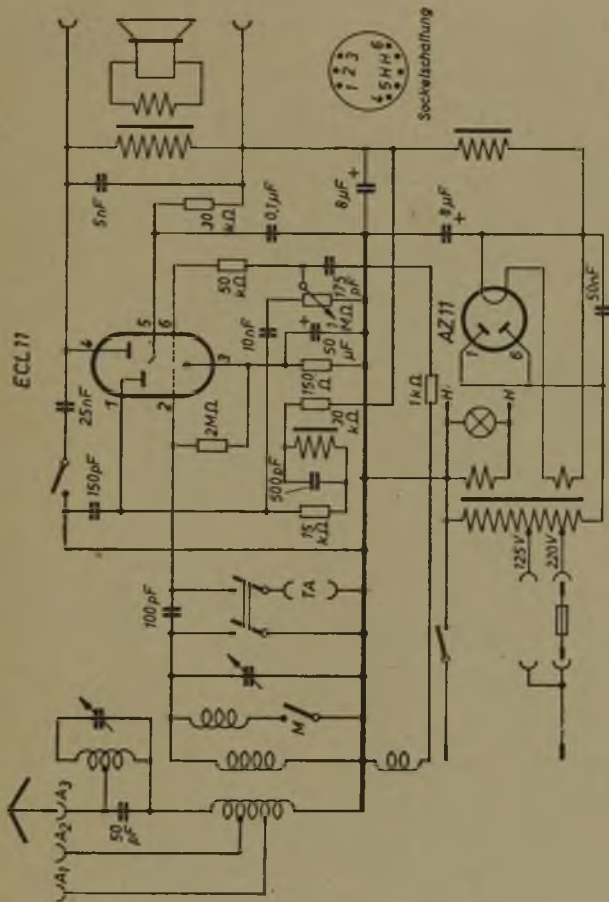


2F=472 kHz

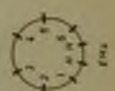
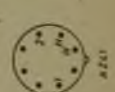
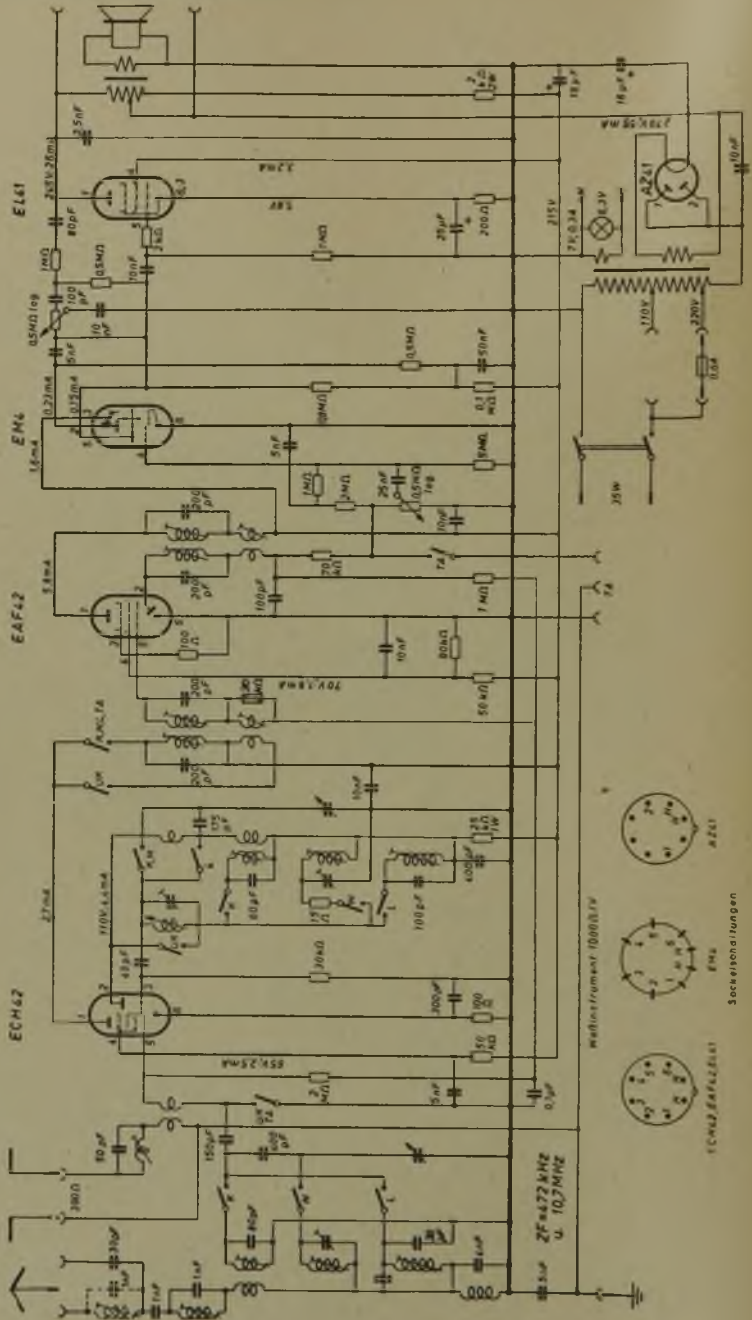




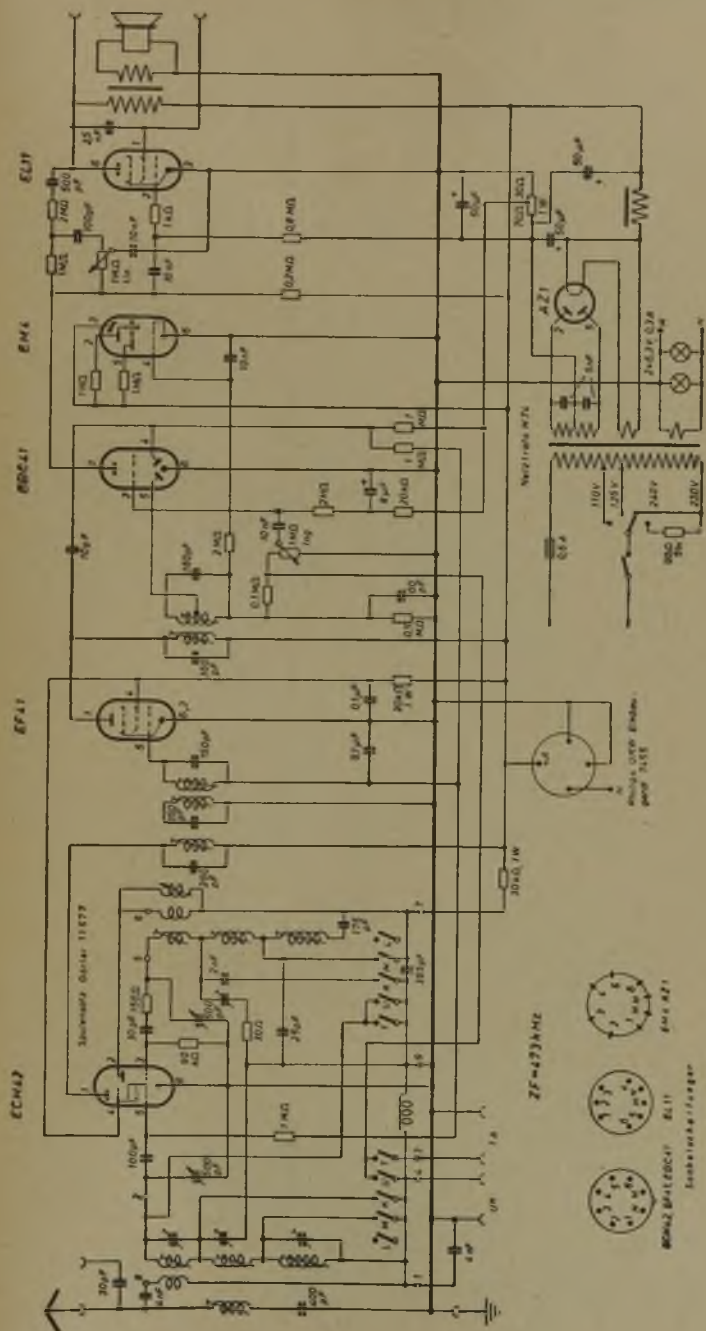




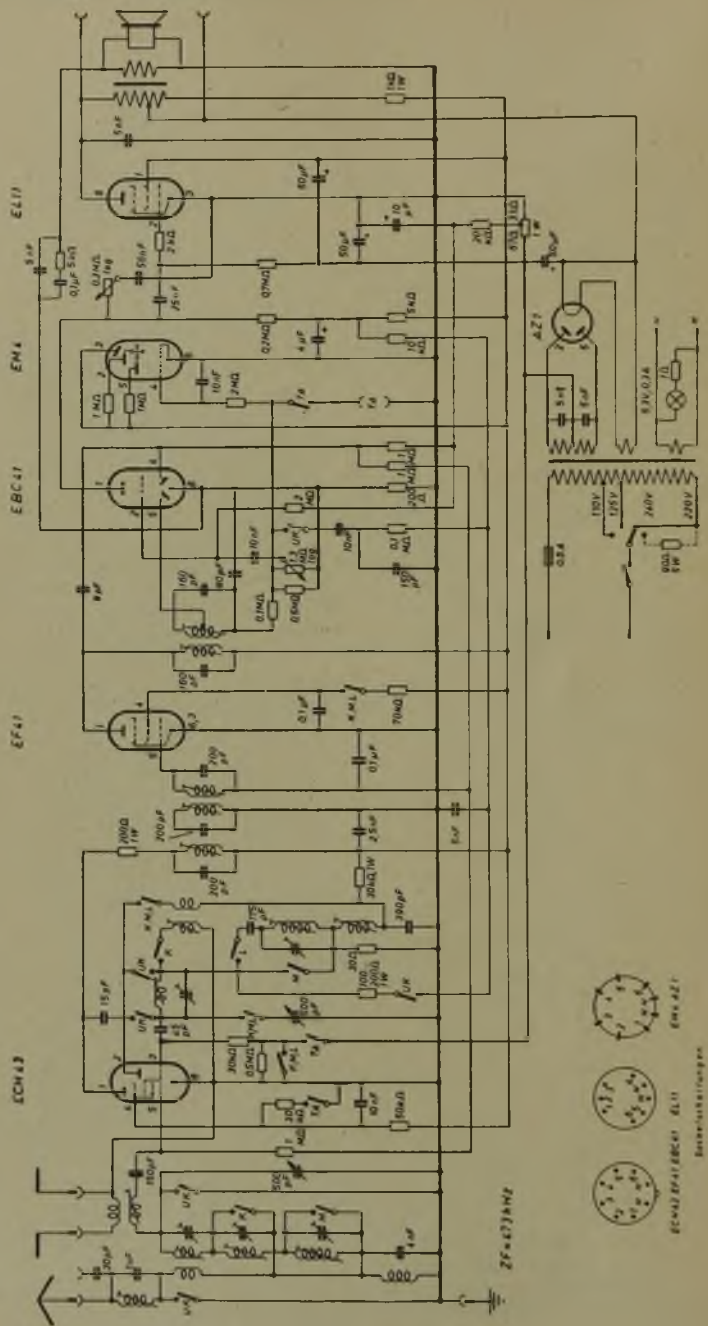
Star (Backang) Meteor

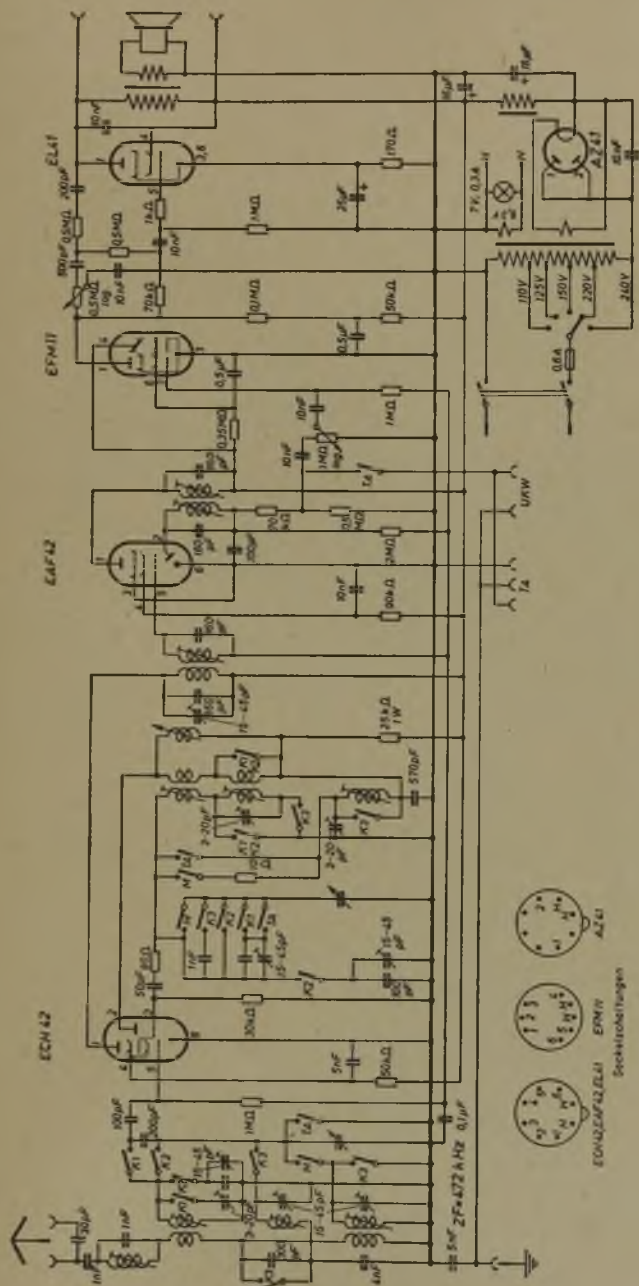


Solectronstrungen

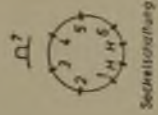
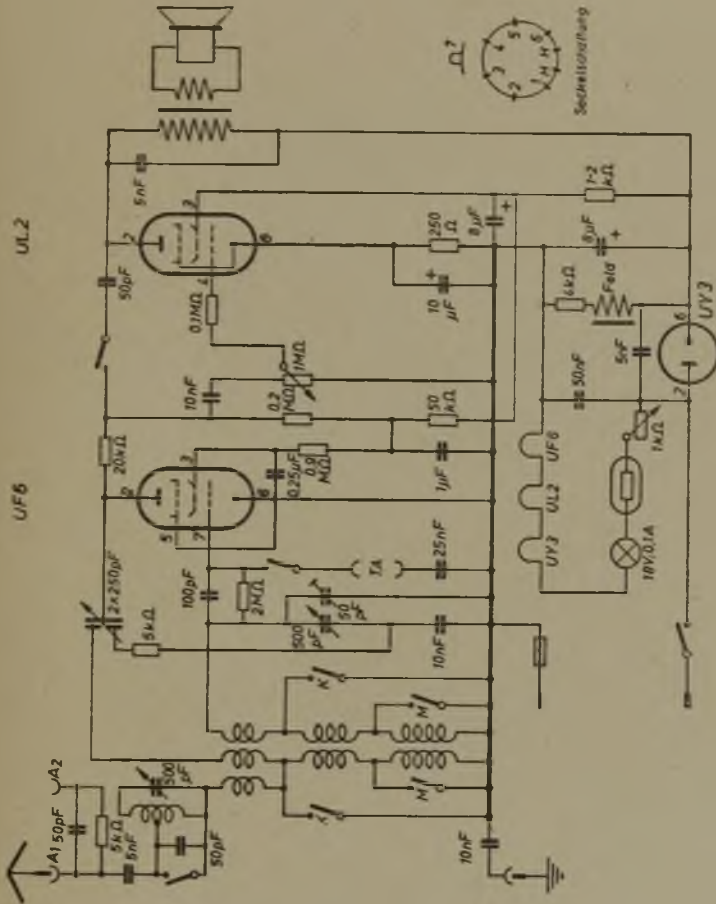


Star (Backang) Neptun 51 U



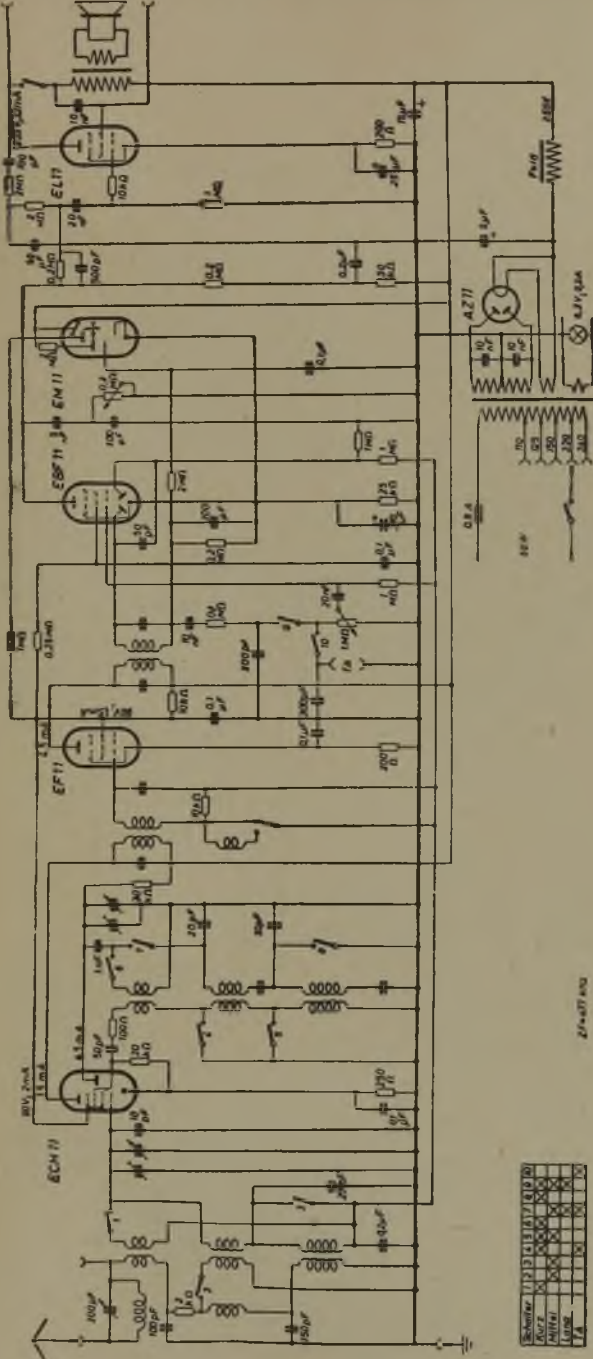


SOCKET CONNECTIONS



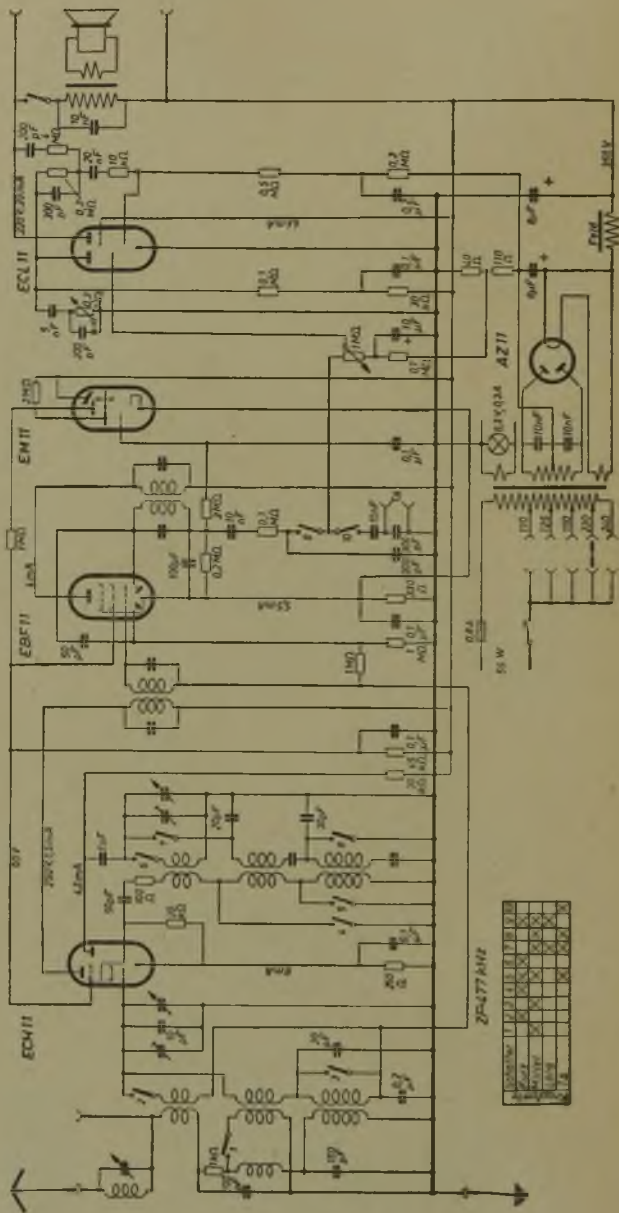
STASSFURT

Staßfurt Imperial 800 WK, 600 WK und 60 WK



Stempeln	1	2	3	4	5	6	7	8	9	0
Ausg.										
Umsch.										
1/2										

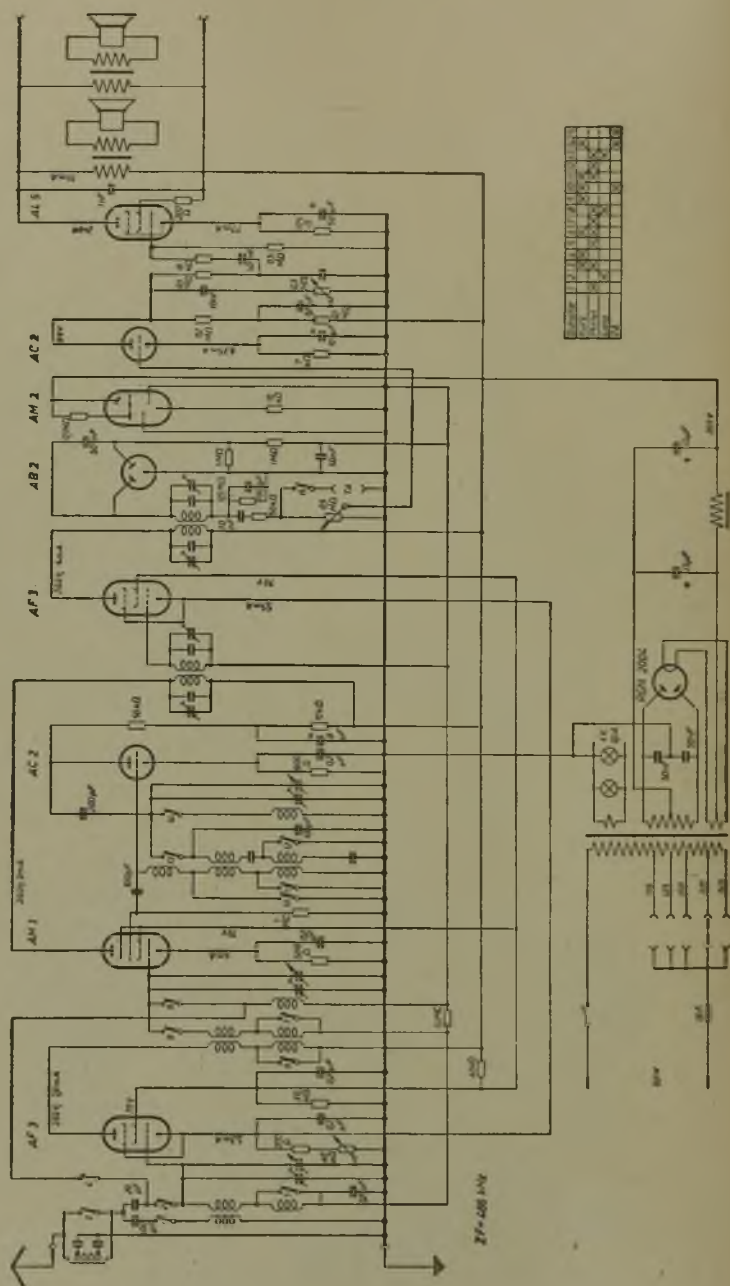
Staßfurt Imperial 400 WK und 50 WK

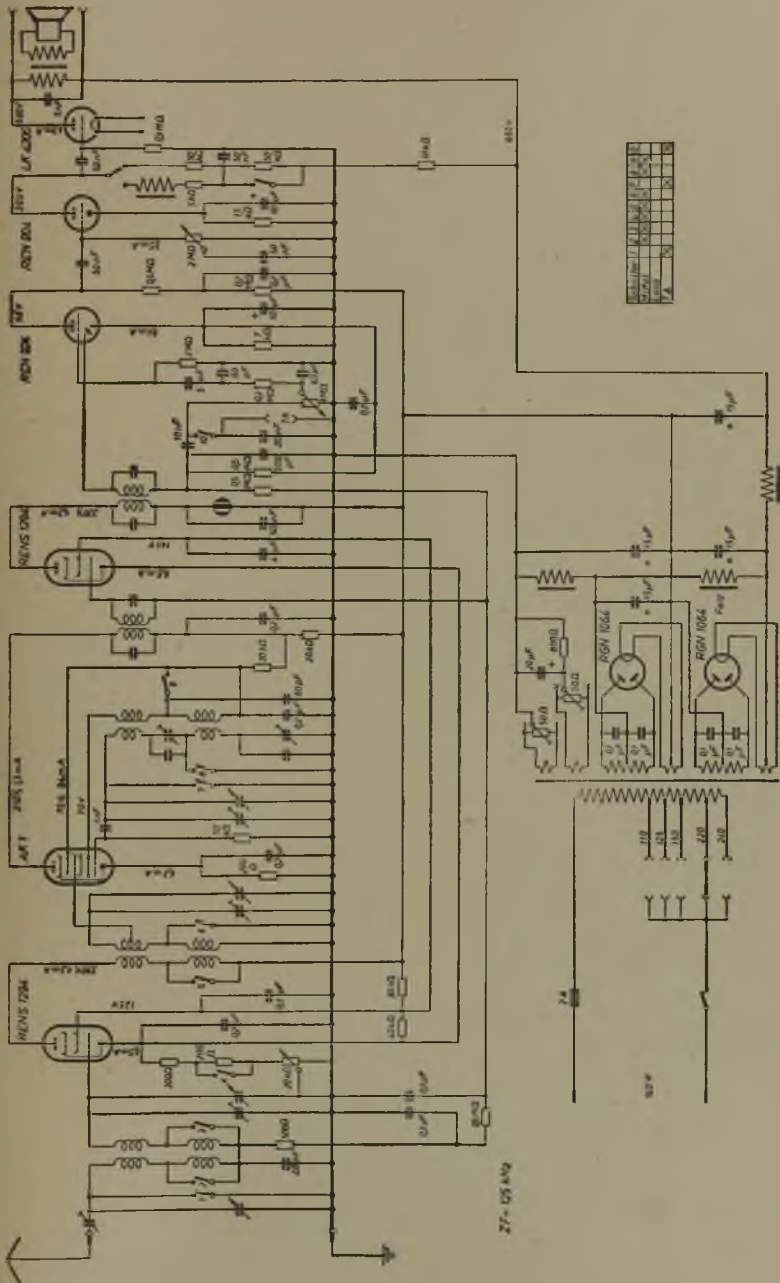


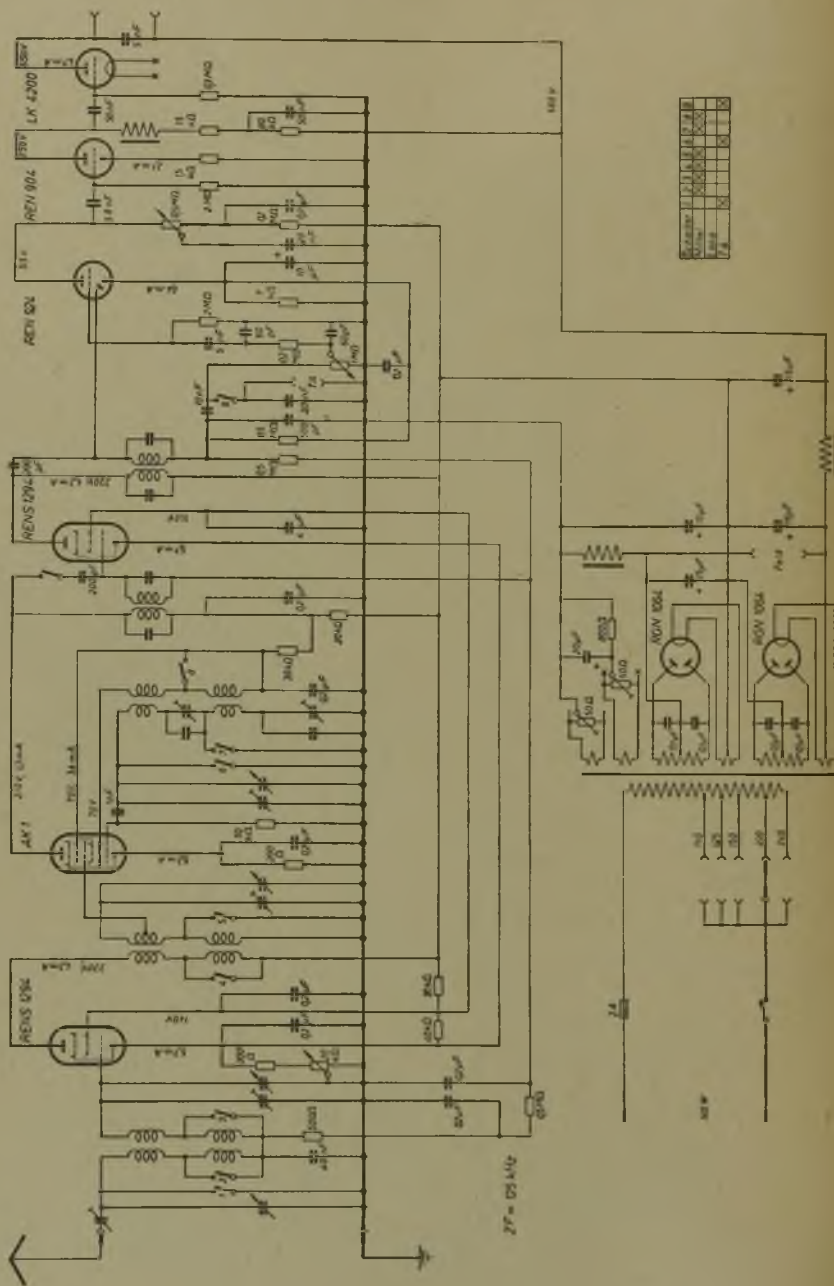
250kΩ 100kΩ

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

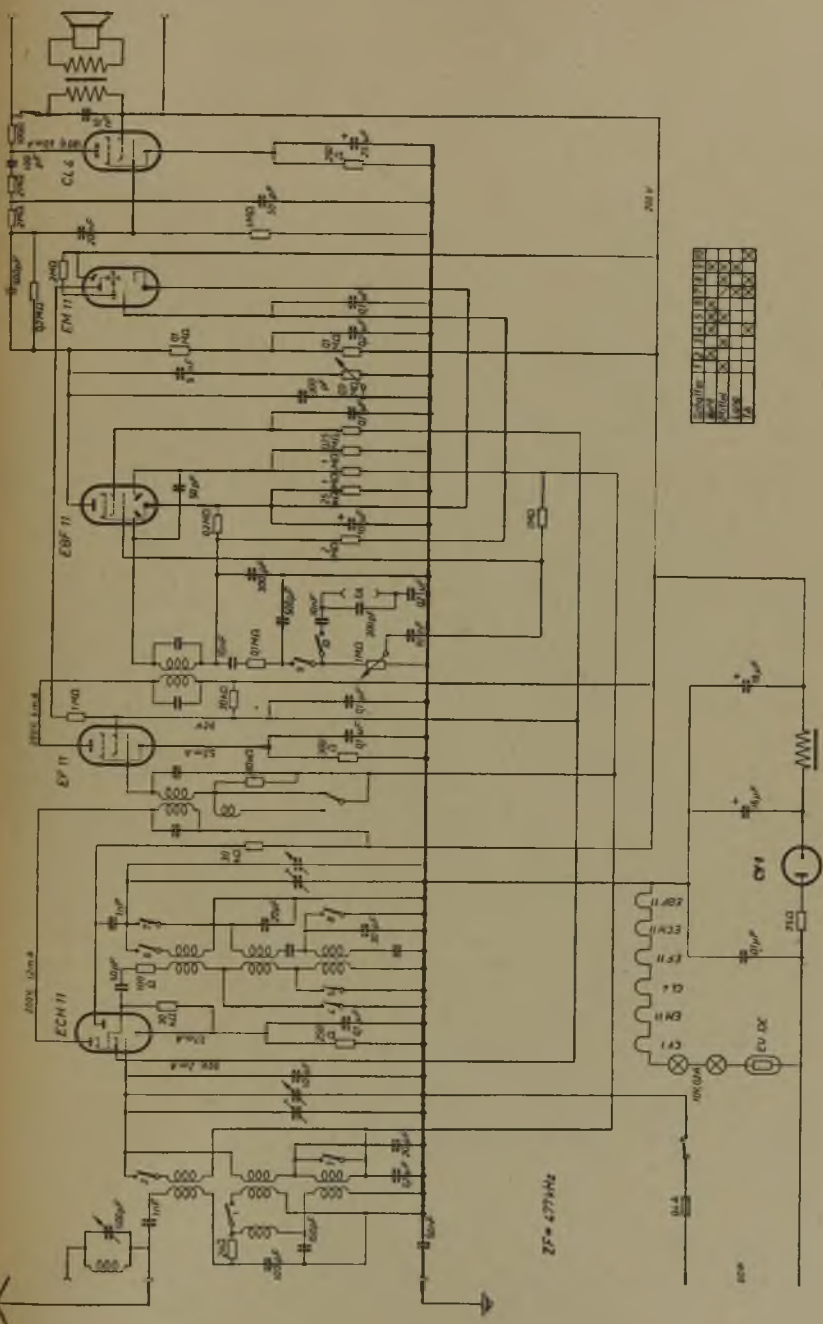
Stabfurt Imperial 98 W



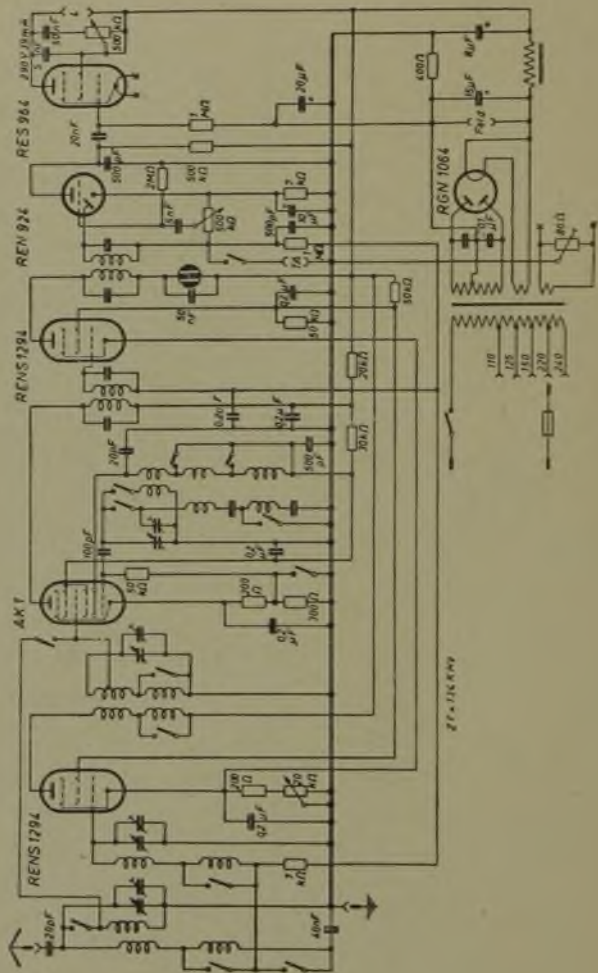


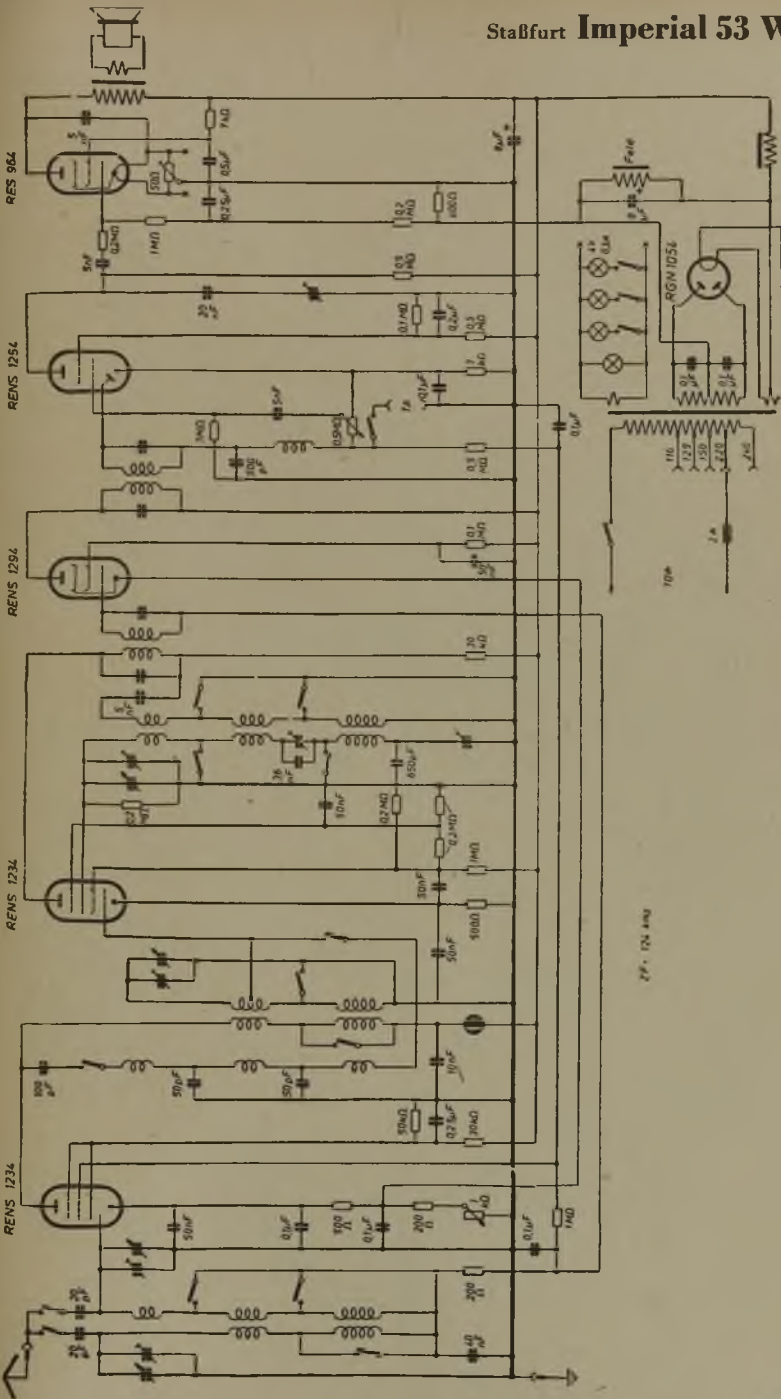


RENS 024	AK7	REVI 024	REVI 004	LK 4200	REVI 024	REVS 024
2000 K Ω	2000 K Ω	2000 K Ω	2000 K Ω	2000 K Ω	2000 K Ω	2000 K Ω
2000 K Ω	2000 K Ω	2000 K Ω	2000 K Ω	2000 K Ω	2000 K Ω	2000 K Ω
2000 K Ω	2000 K Ω	2000 K Ω	2000 K Ω	2000 K Ω	2000 K Ω	2000 K Ω
2000 K Ω	2000 K Ω	2000 K Ω	2000 K Ω	2000 K Ω	2000 K Ω	2000 K Ω

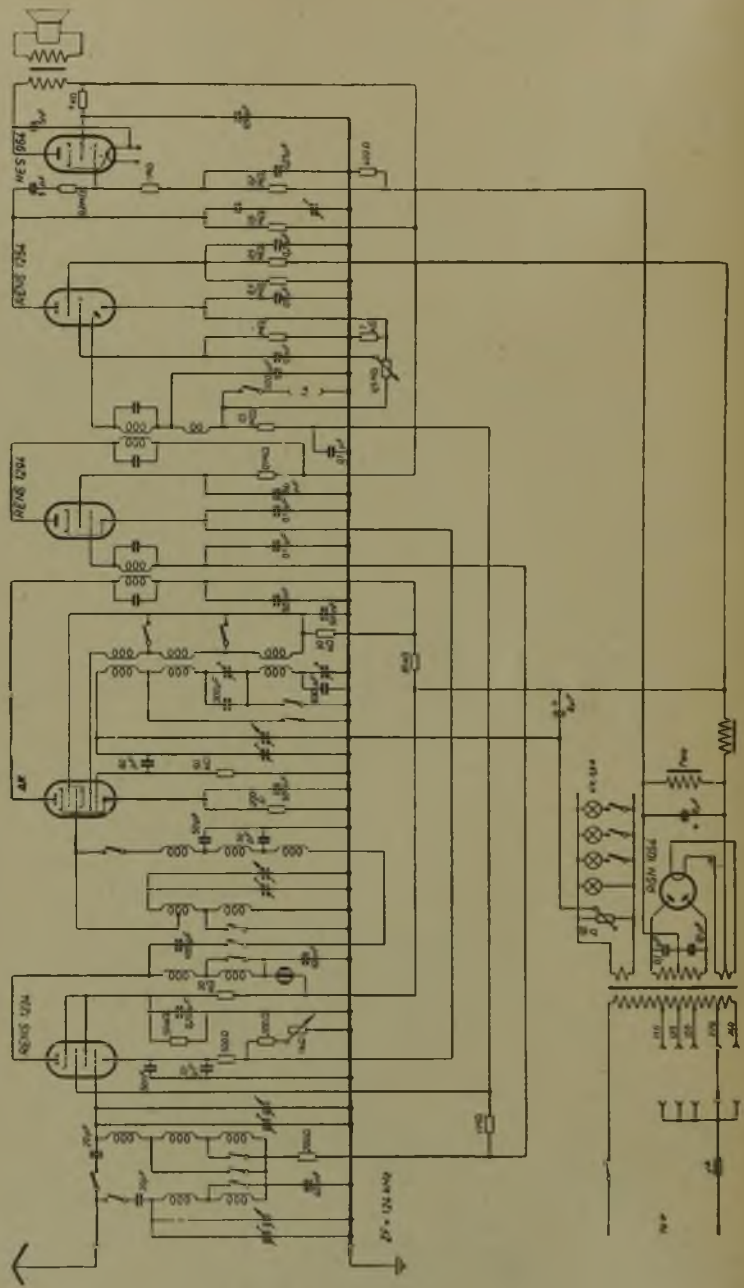


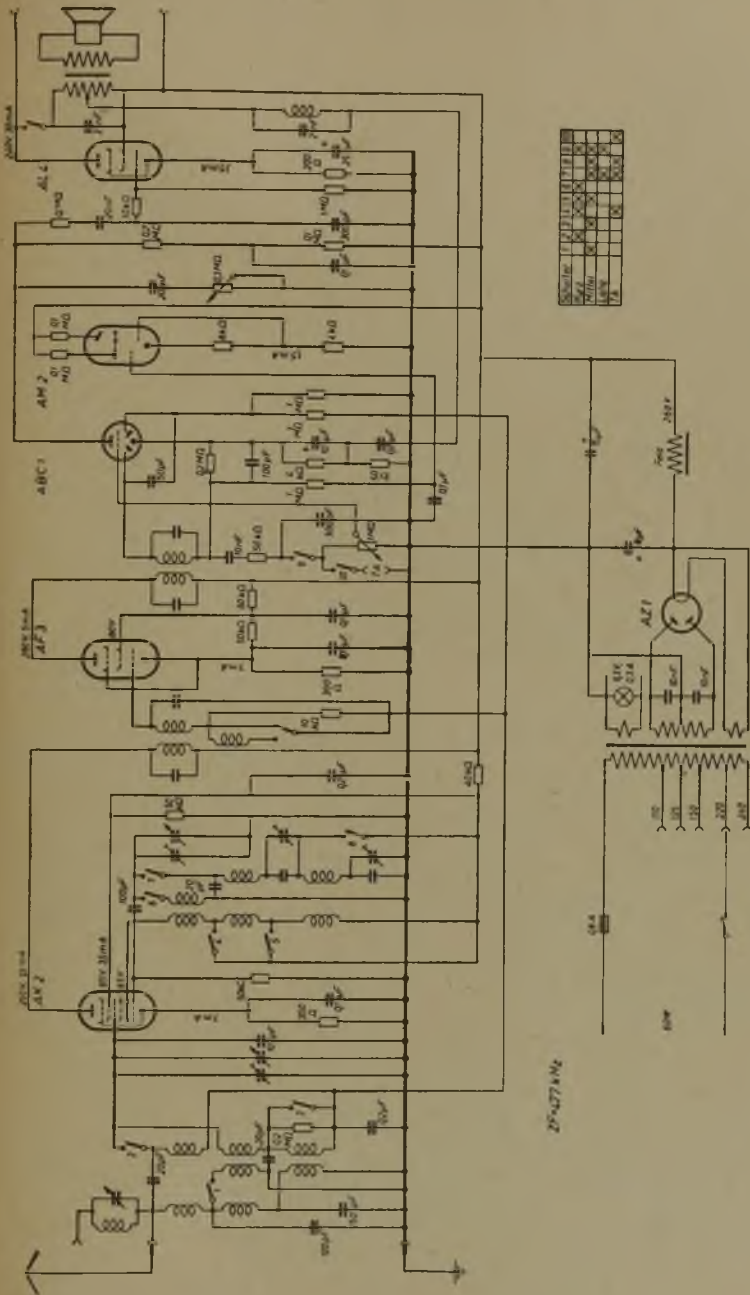
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----



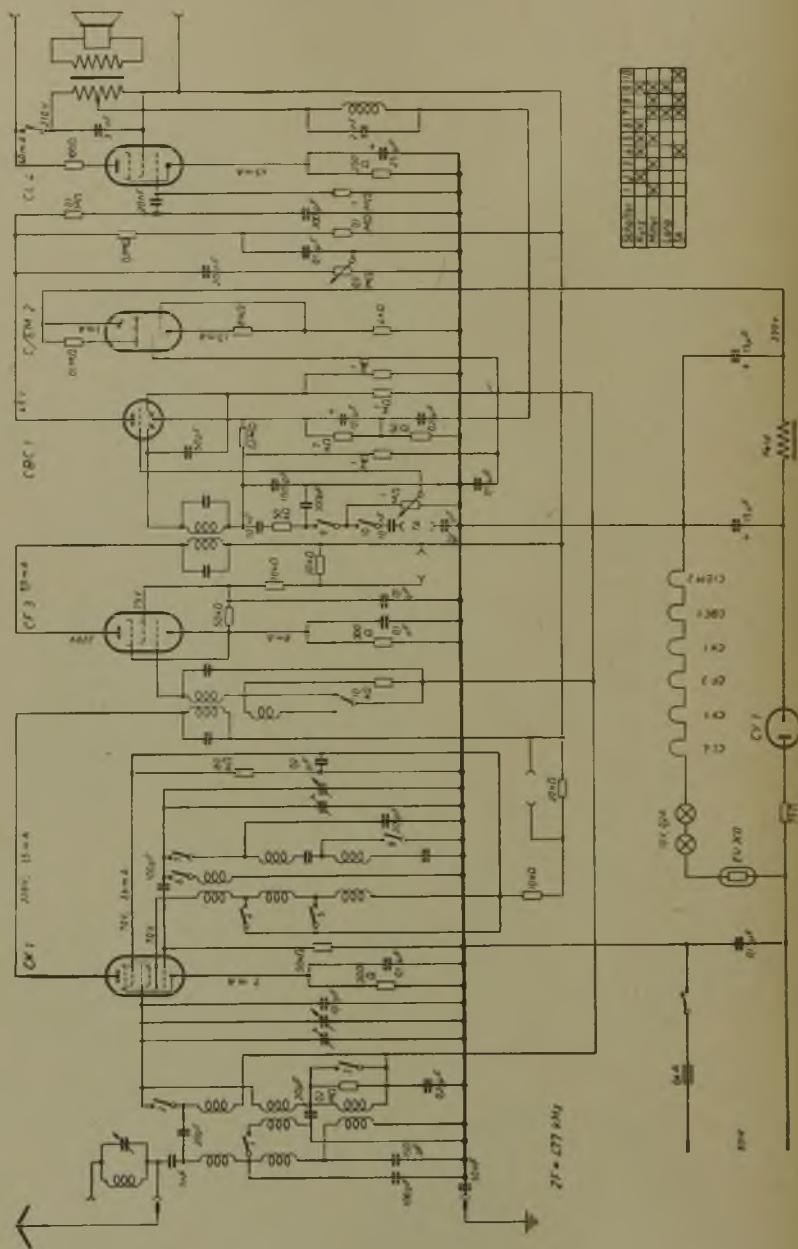


Staßfurt Imperial 53 W (mit Oktode)

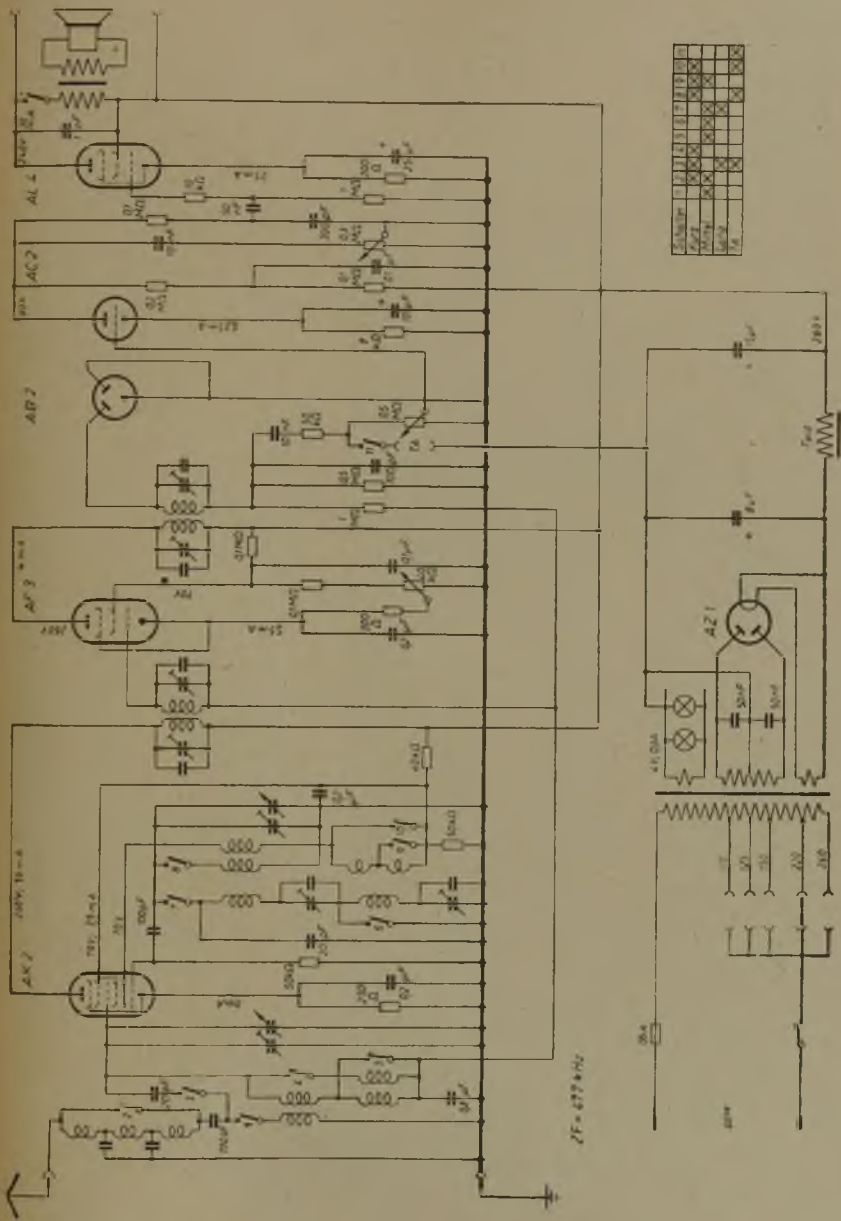




Stufe	1	2	3	4	5	6	7	8
Wider.	250k	100k	100k	100k	100k	100k	100k	100k
Werte	100p	100p	100p	100p	100p	100p	100p	100p
W	0	0	0	0	0	0	0	0

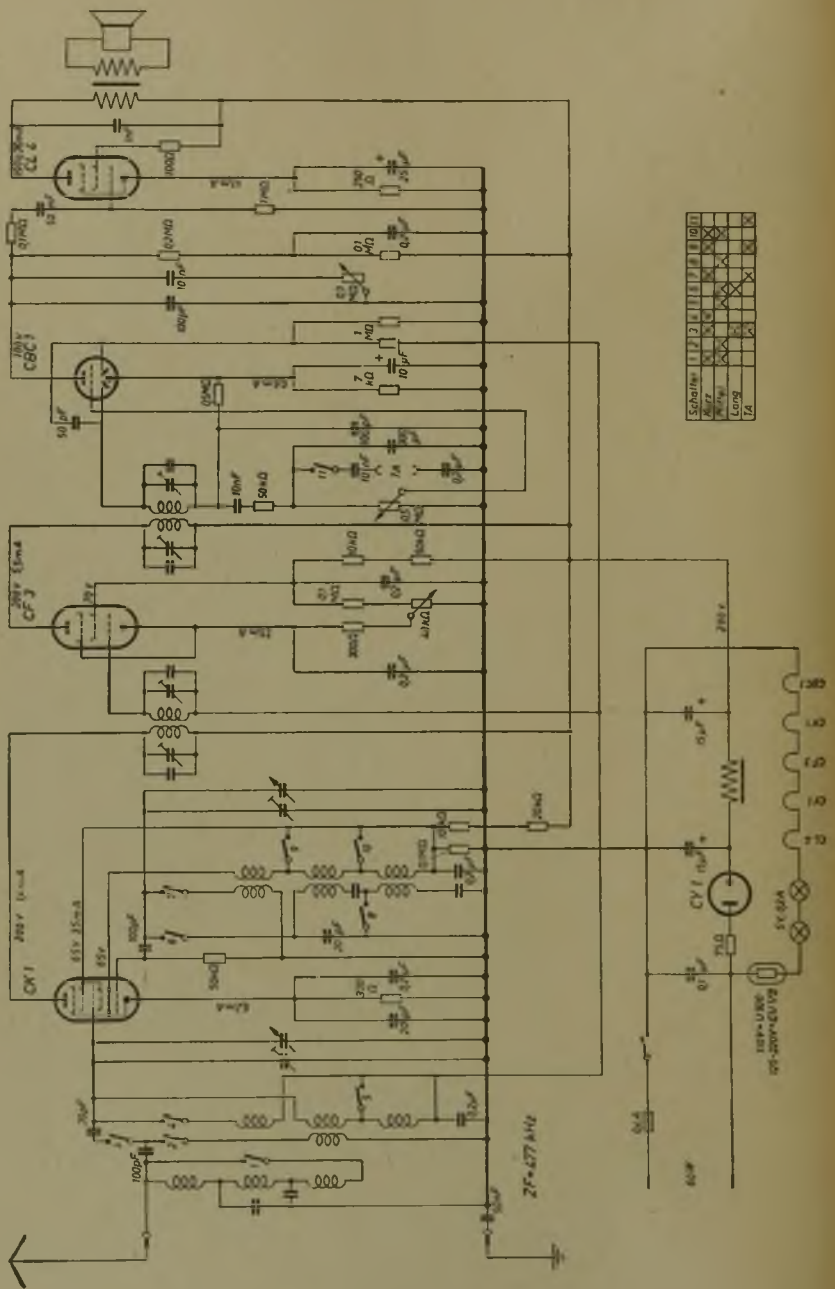


1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

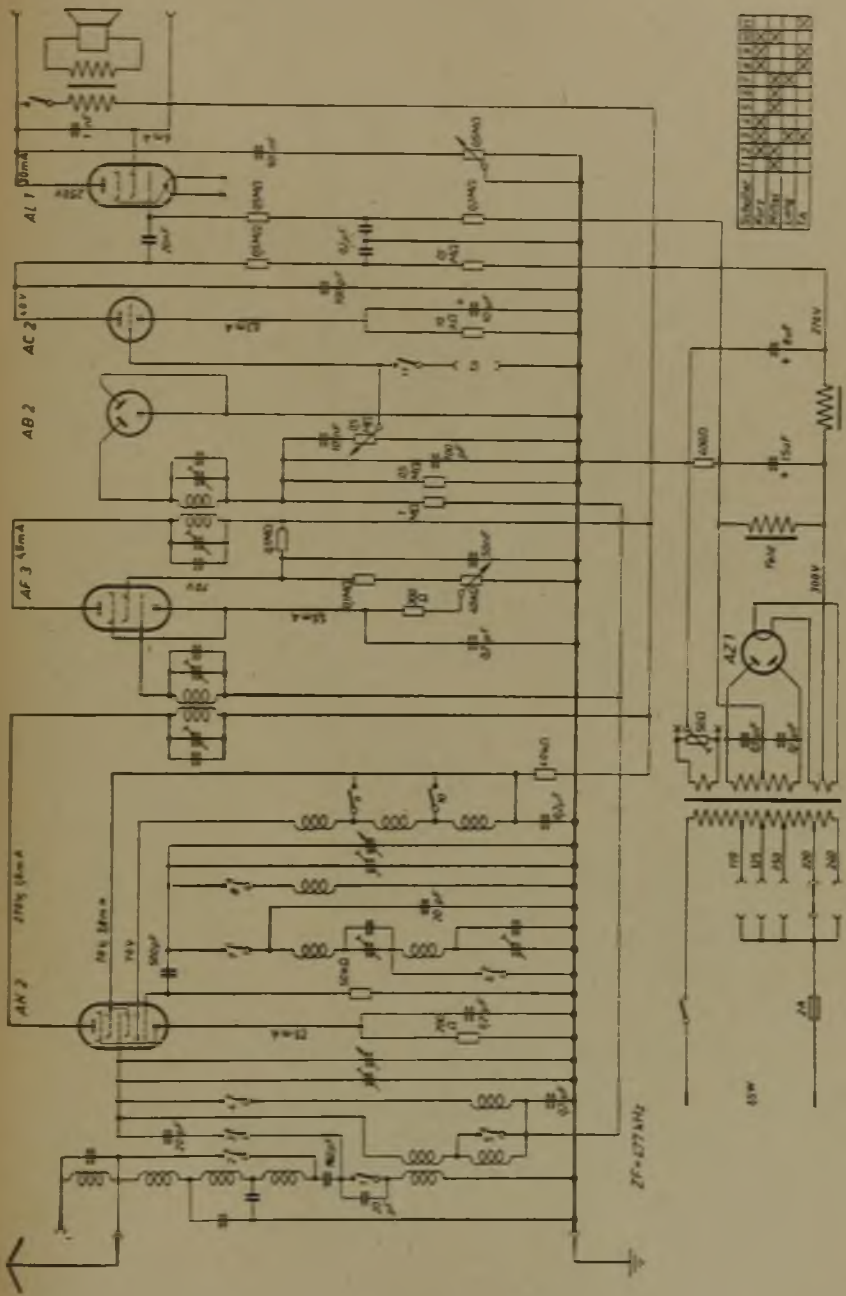


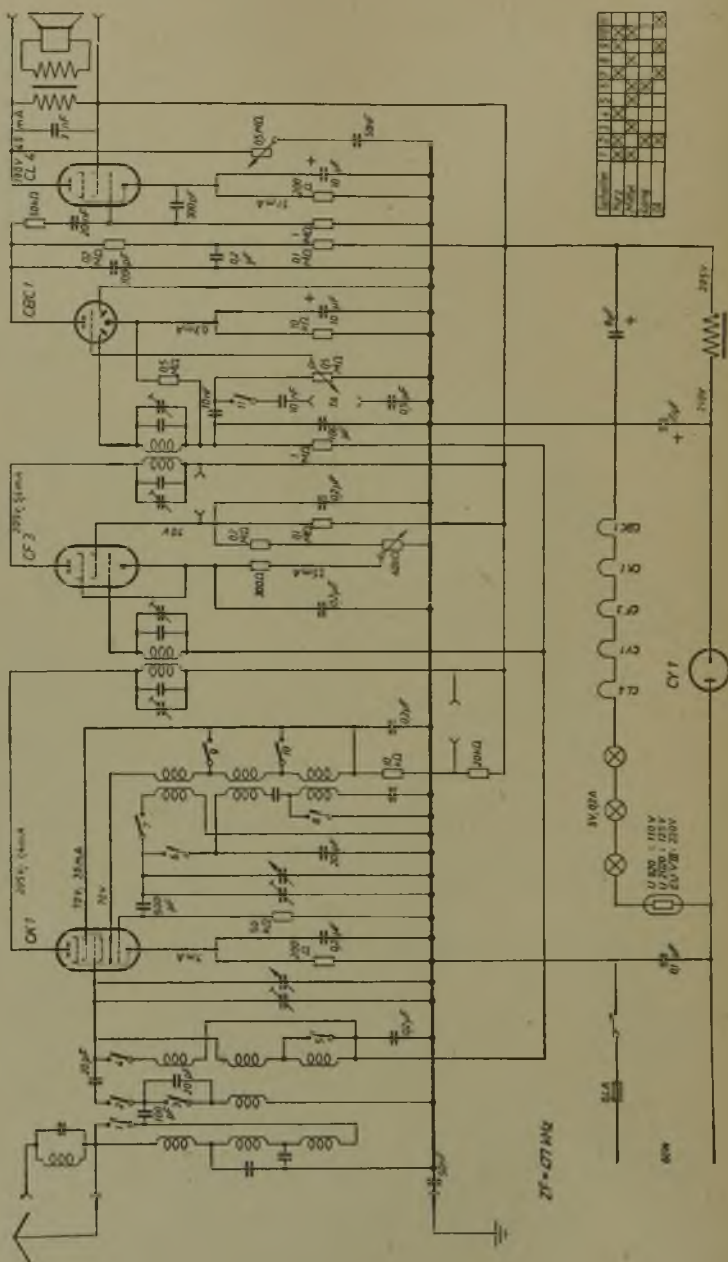
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

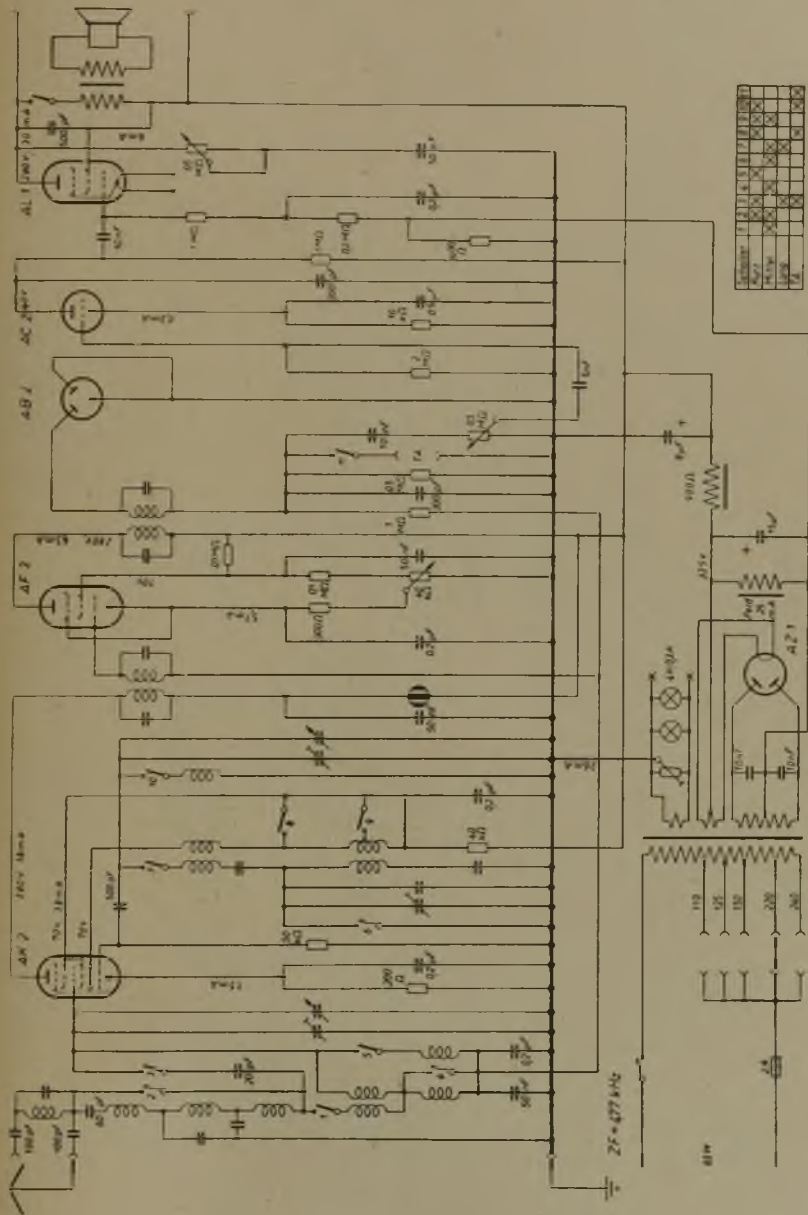
Staffurt Imperial 48 GW

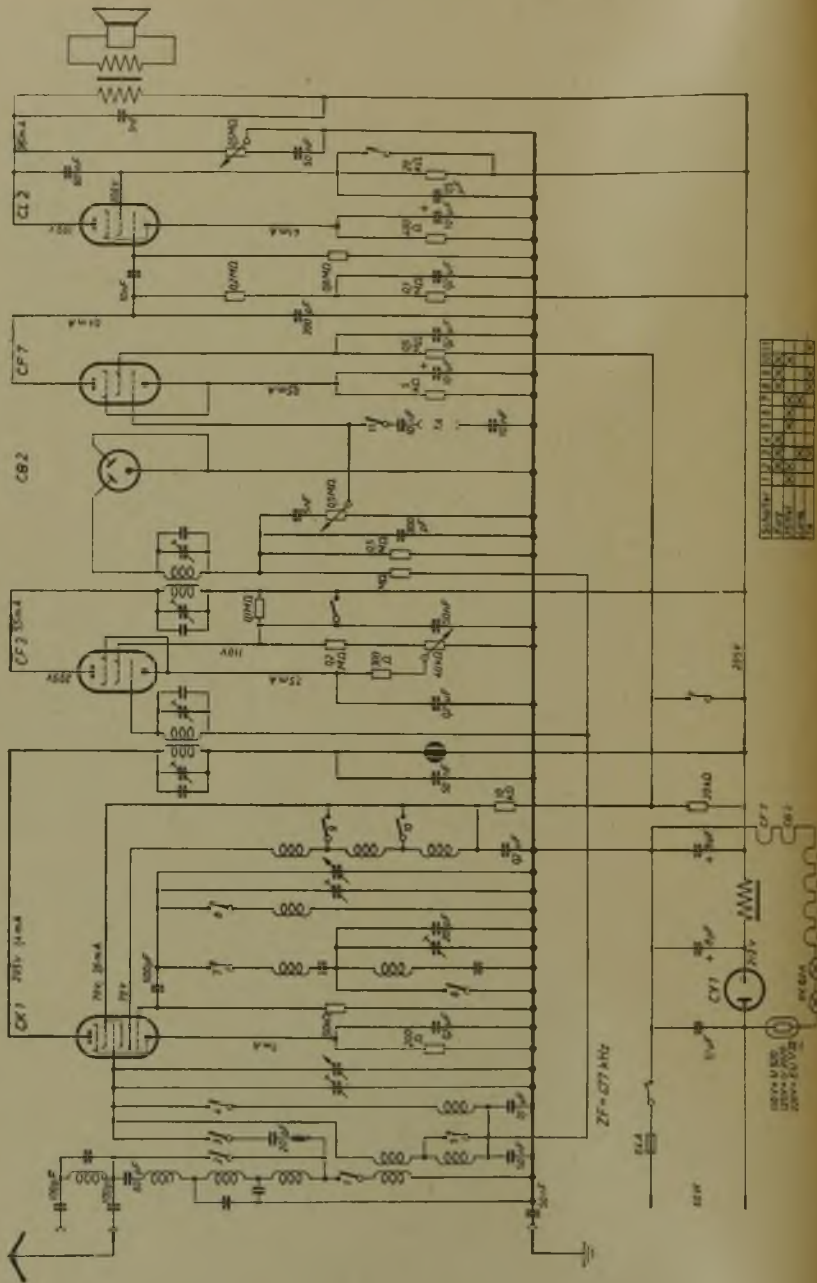


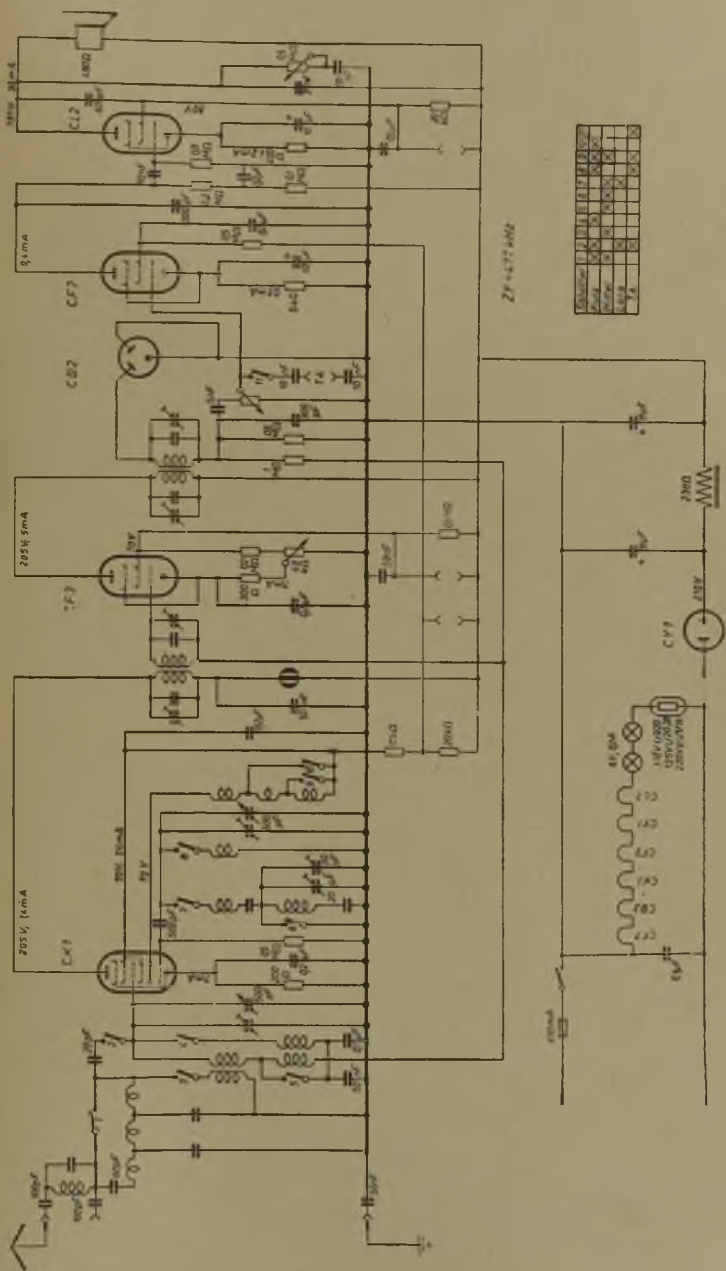
Schaltplan	1	2	3	4	5	6	7	8	9	10	11
Netz											
6BE6											
6X4											
6X4											
5Y5											
500k											
100k											
100V											
250V											



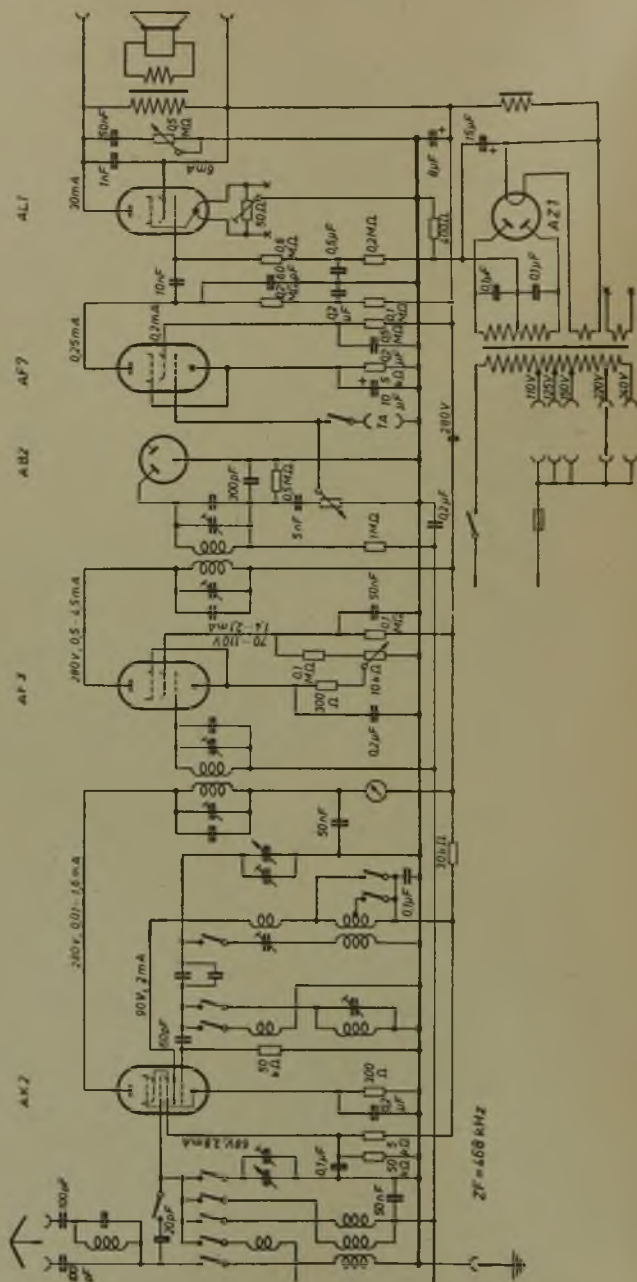


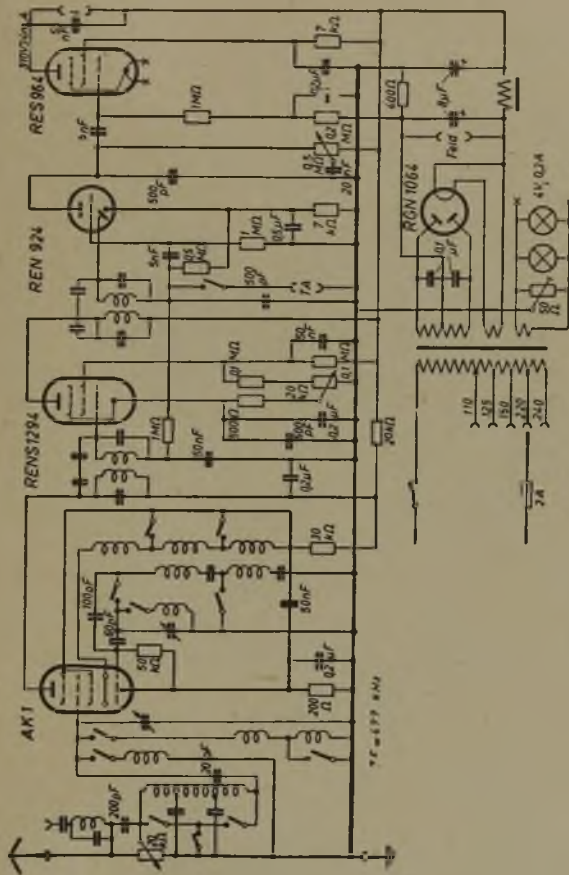






Stufe	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				





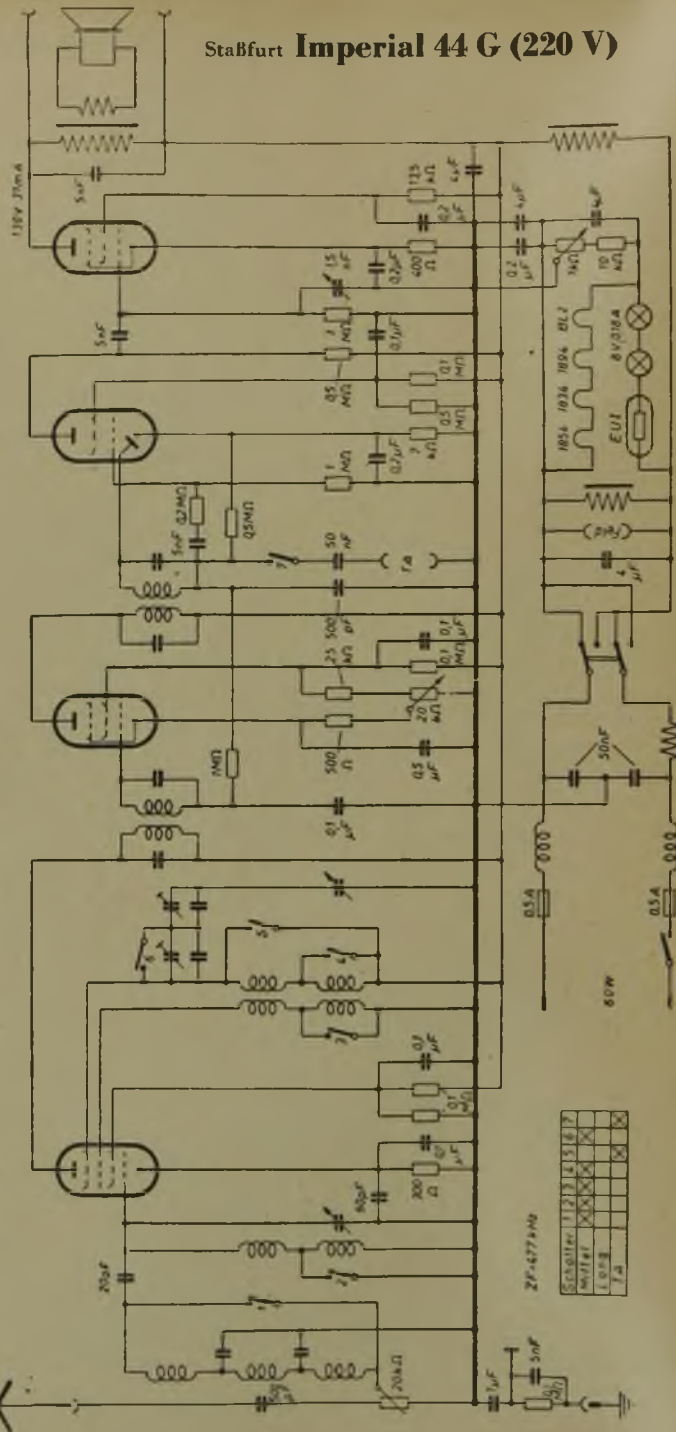
StaBfurt Imperial 44 G (220 V)

BL 2

RENS 1854

RENS 1894

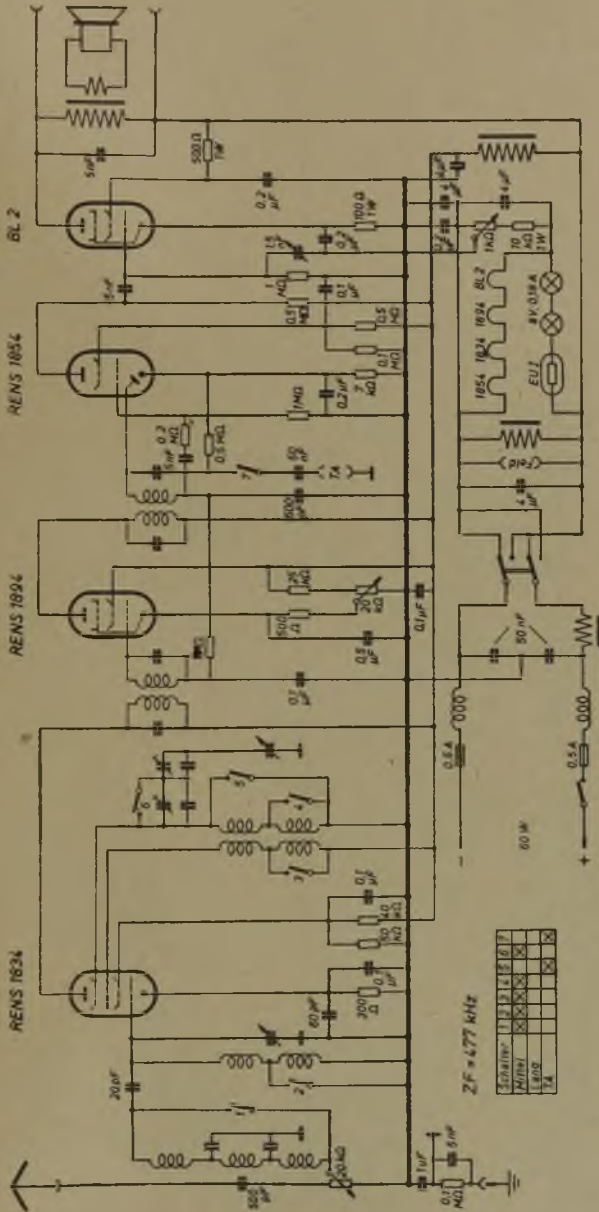
RENS 1832

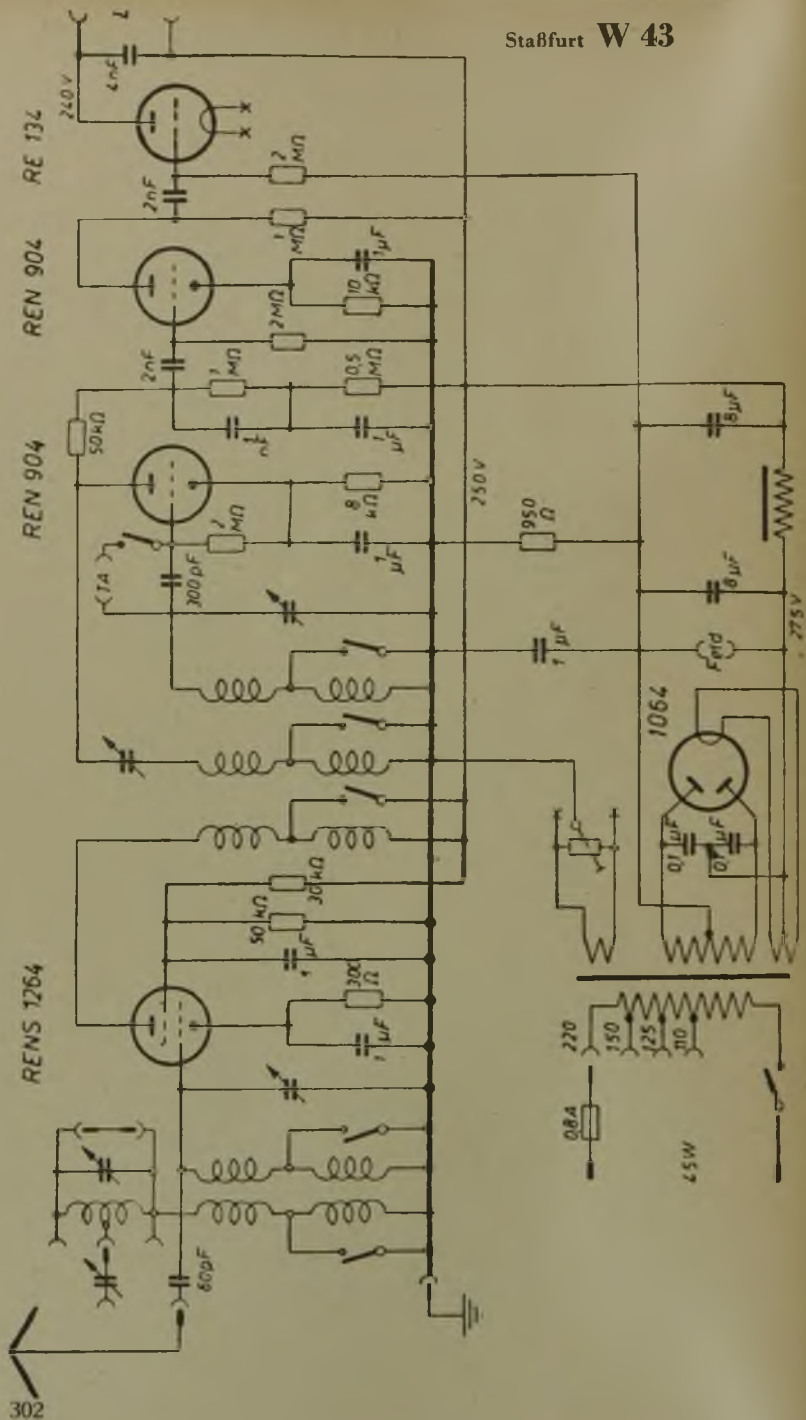


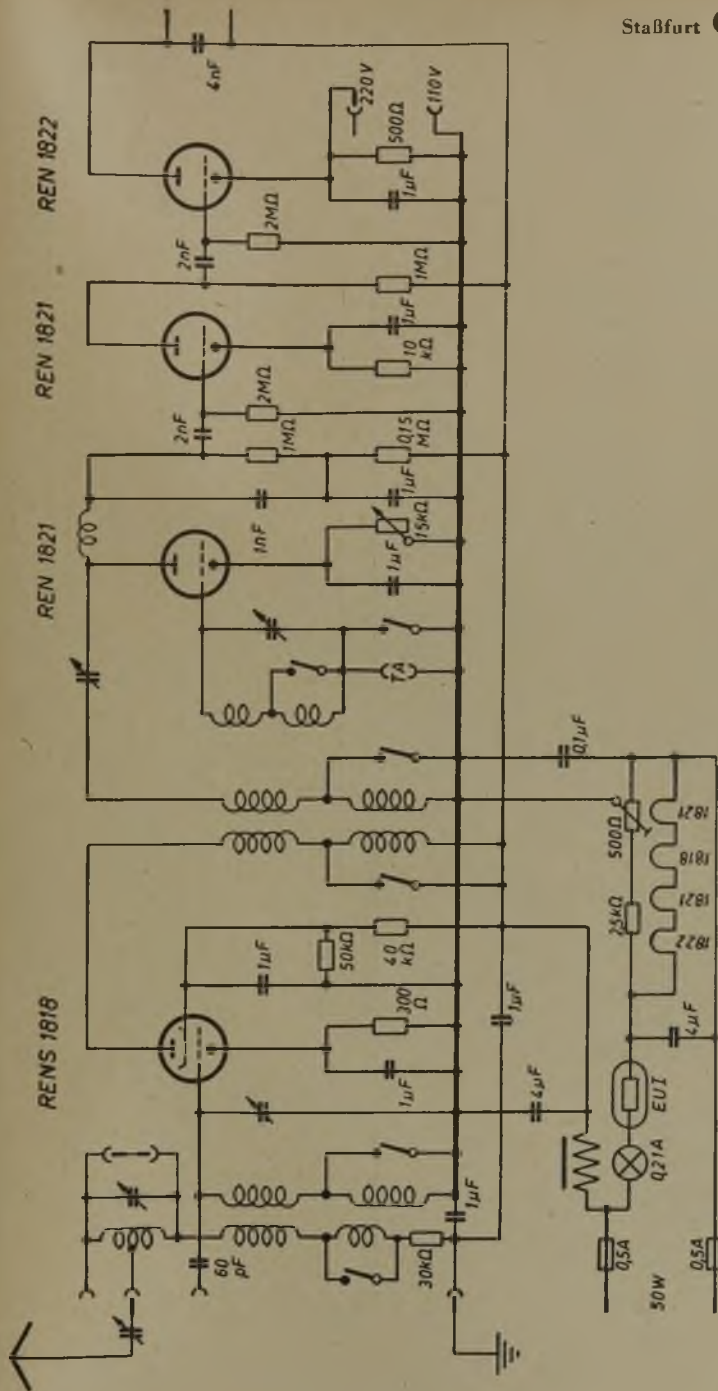
ZF-4774-M4

Schalter	112	3	4	5	6	7
Wolfram	X	X	X	X	X	X
LED						
L.A.						

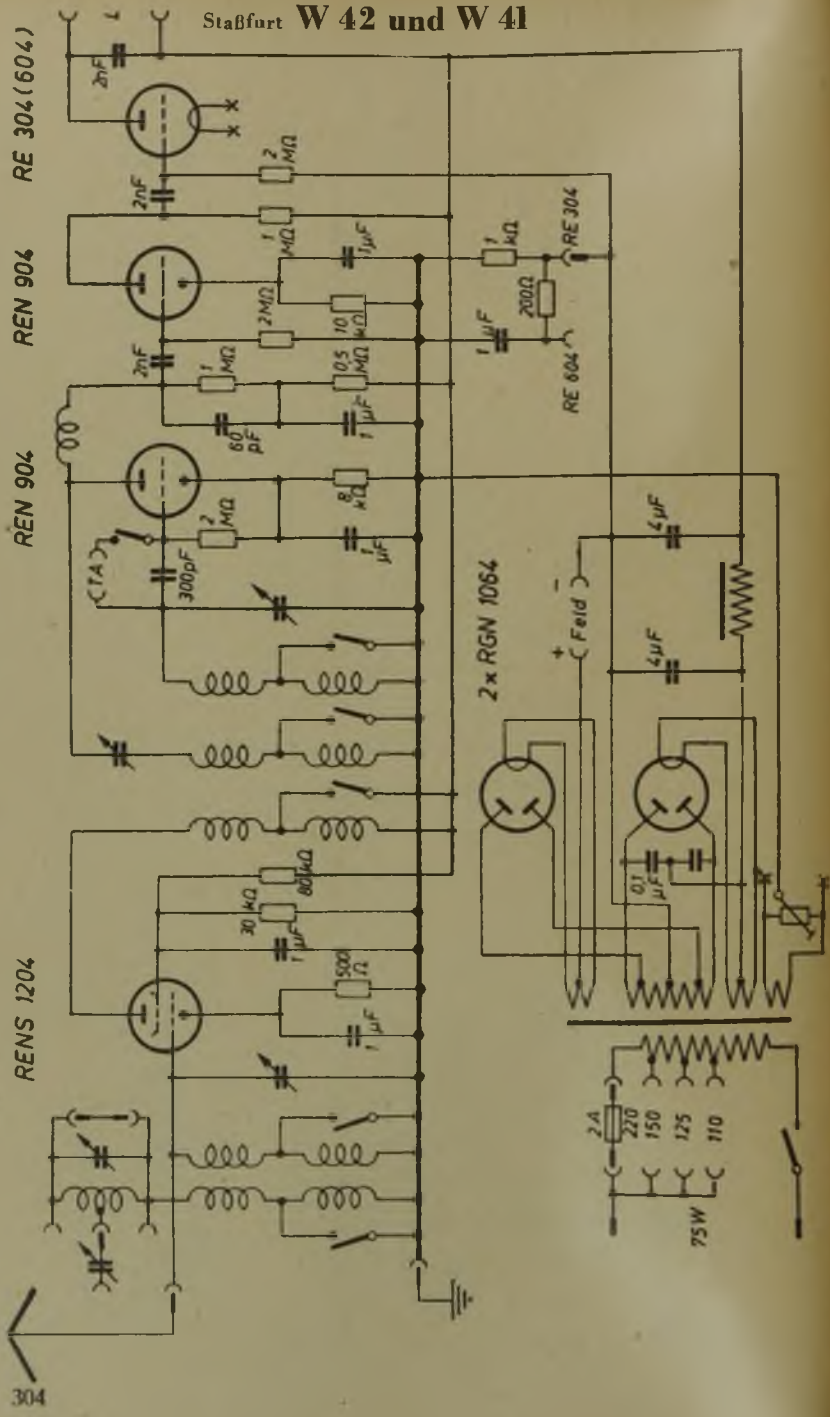
Staßfurt Imperial 44 G (110 V)

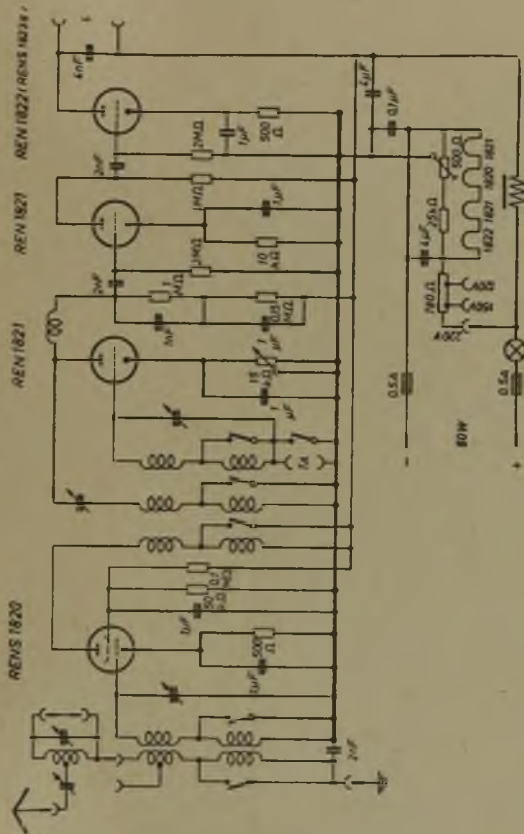


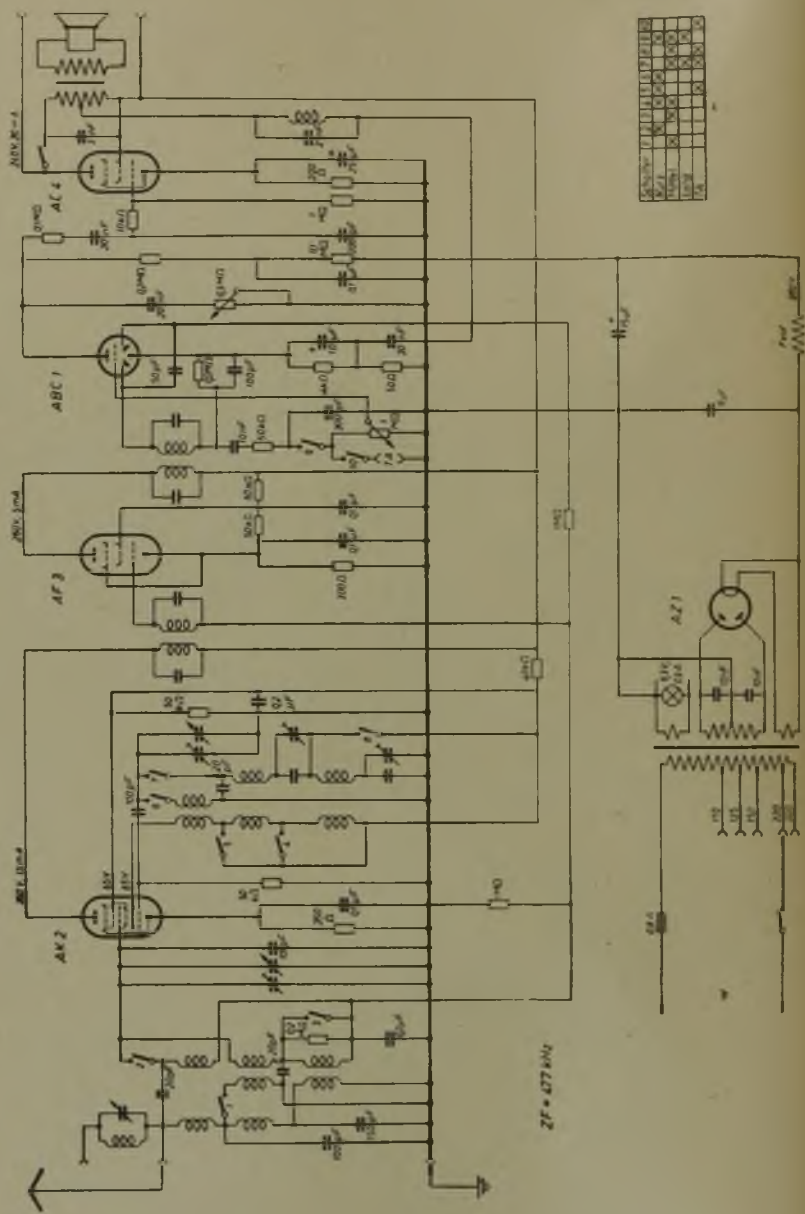




Staffurt W 42 und W 41

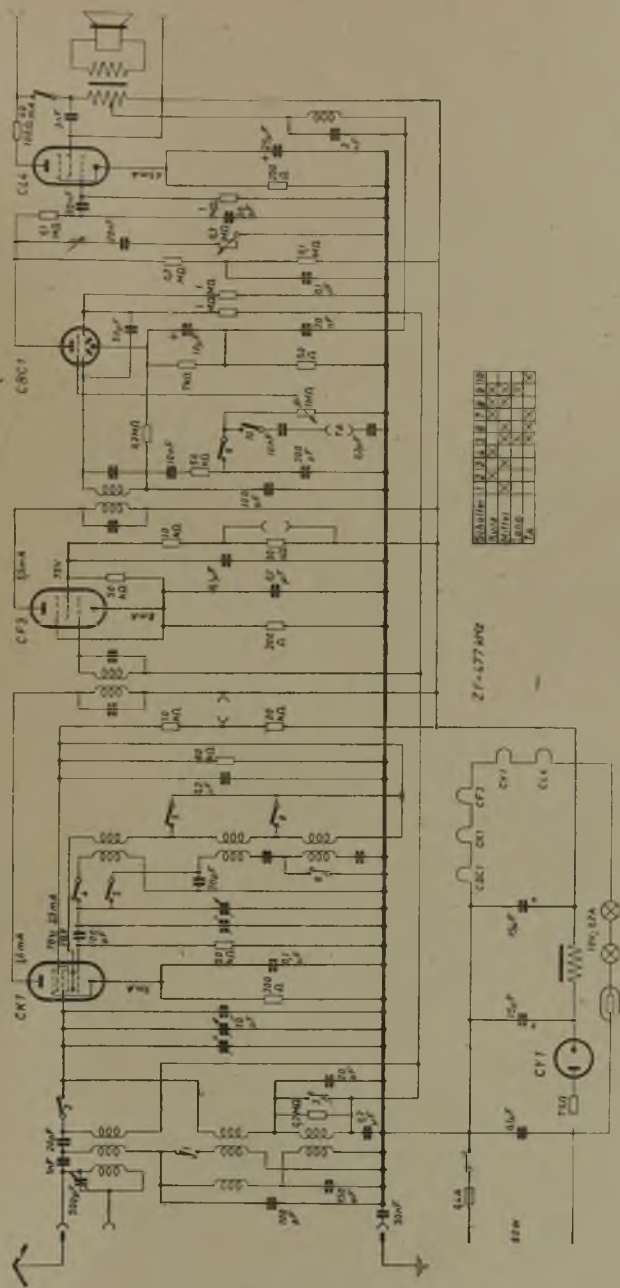


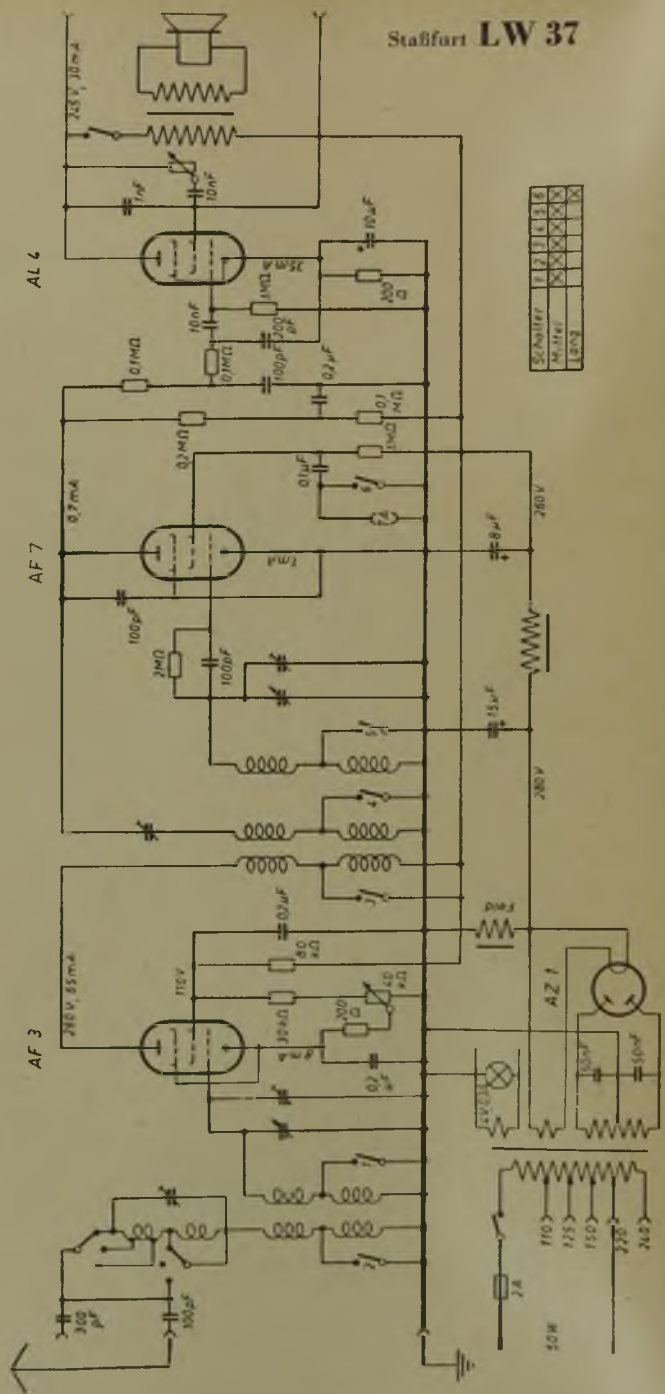


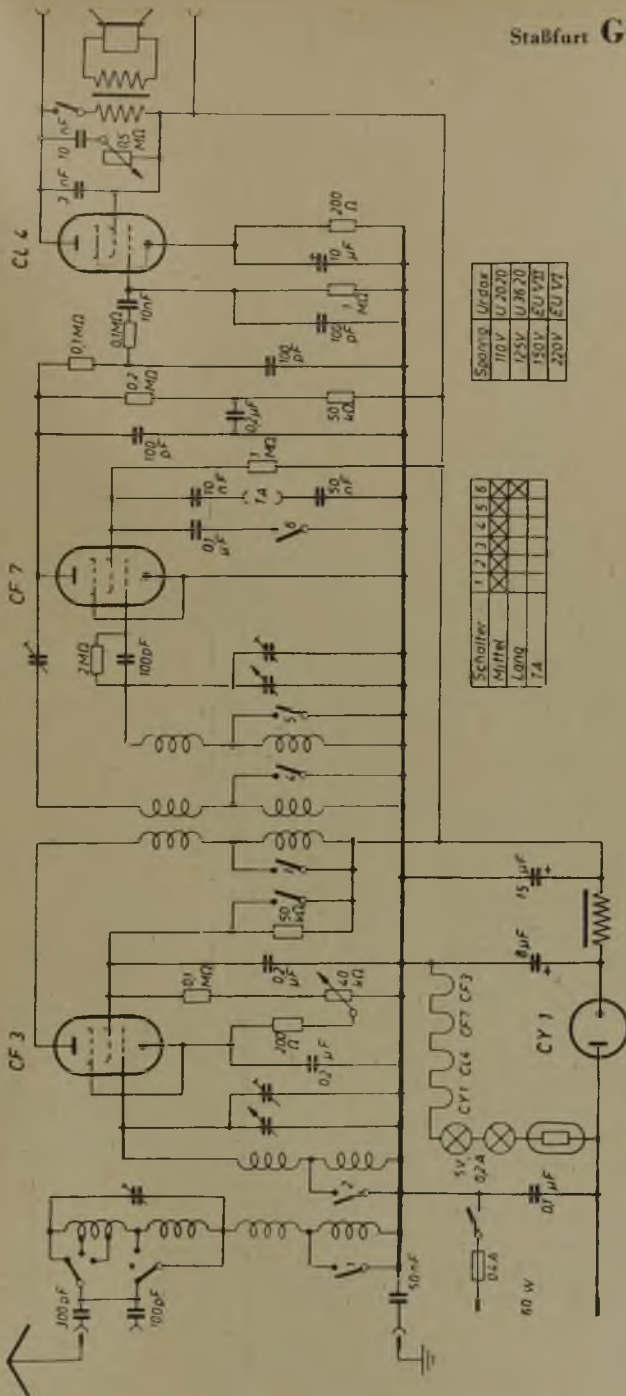


6X4	6X5	6X6	6X7	6X8	6X9	6X10	6X11	6X12	6X13	6X14	6X15	6X16	6X17	6X18	6X19	6X20	6X21	6X22	6X23	6X24	6X25	6X26	6X27	6X28	6X29	6X30	6X31	6X32	6X33	6X34	6X35	6X36	6X37	6X38	6X39	6X40	6X41	6X42	6X43	6X44	6X45	6X46	6X47	6X48	6X49	6X50
-----	-----	-----	-----	-----	-----	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

Staßfurt Imperial 40 GW und 4 BGW

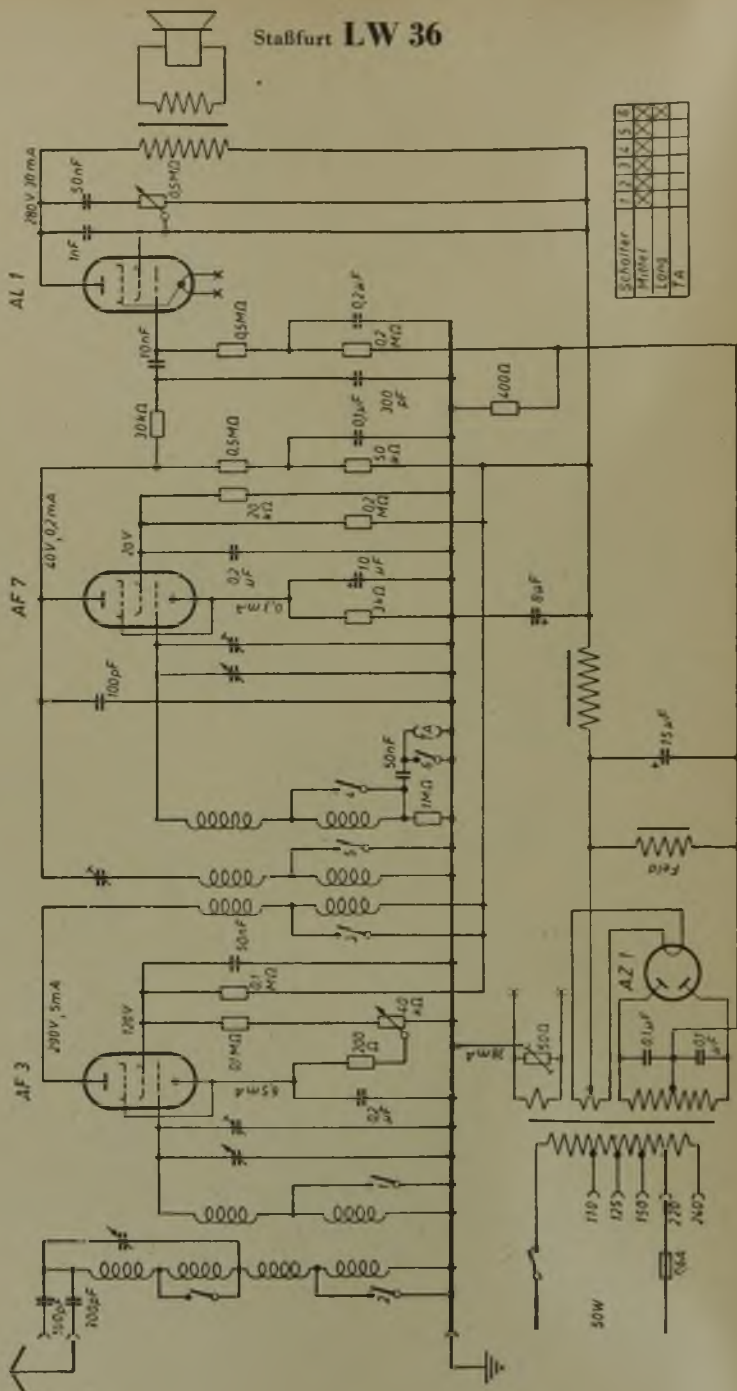






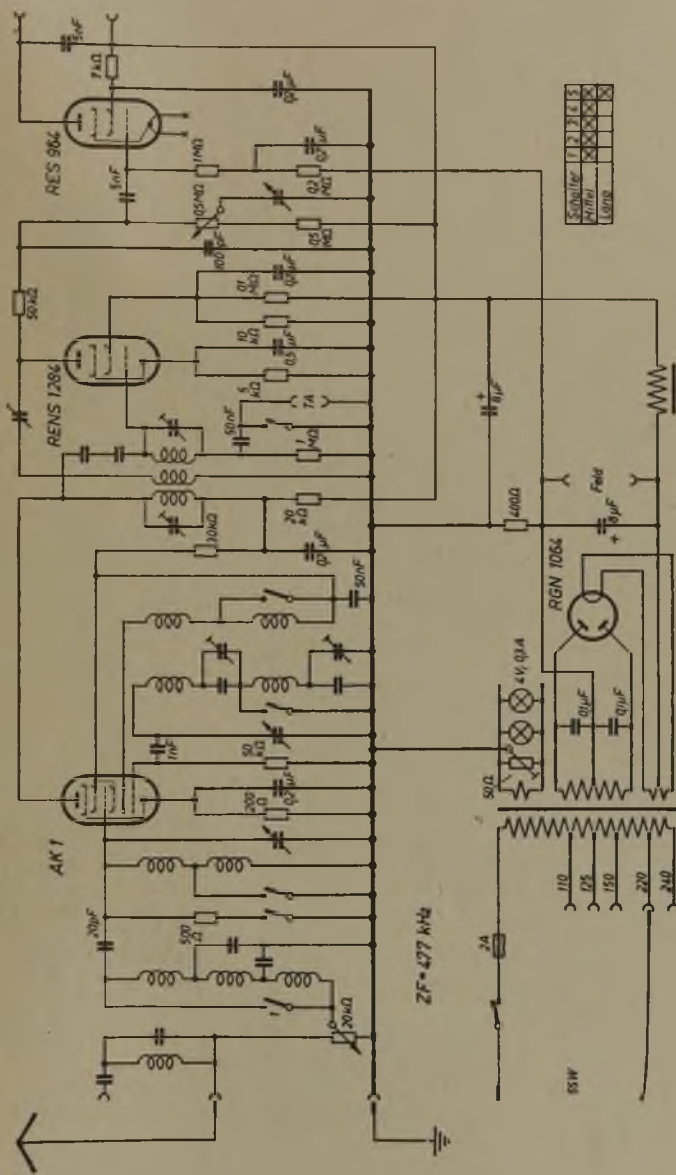
Spannung	Urdax
110V	U 2020
125V	U 26 20
150V	EU V21
220V	EU V7

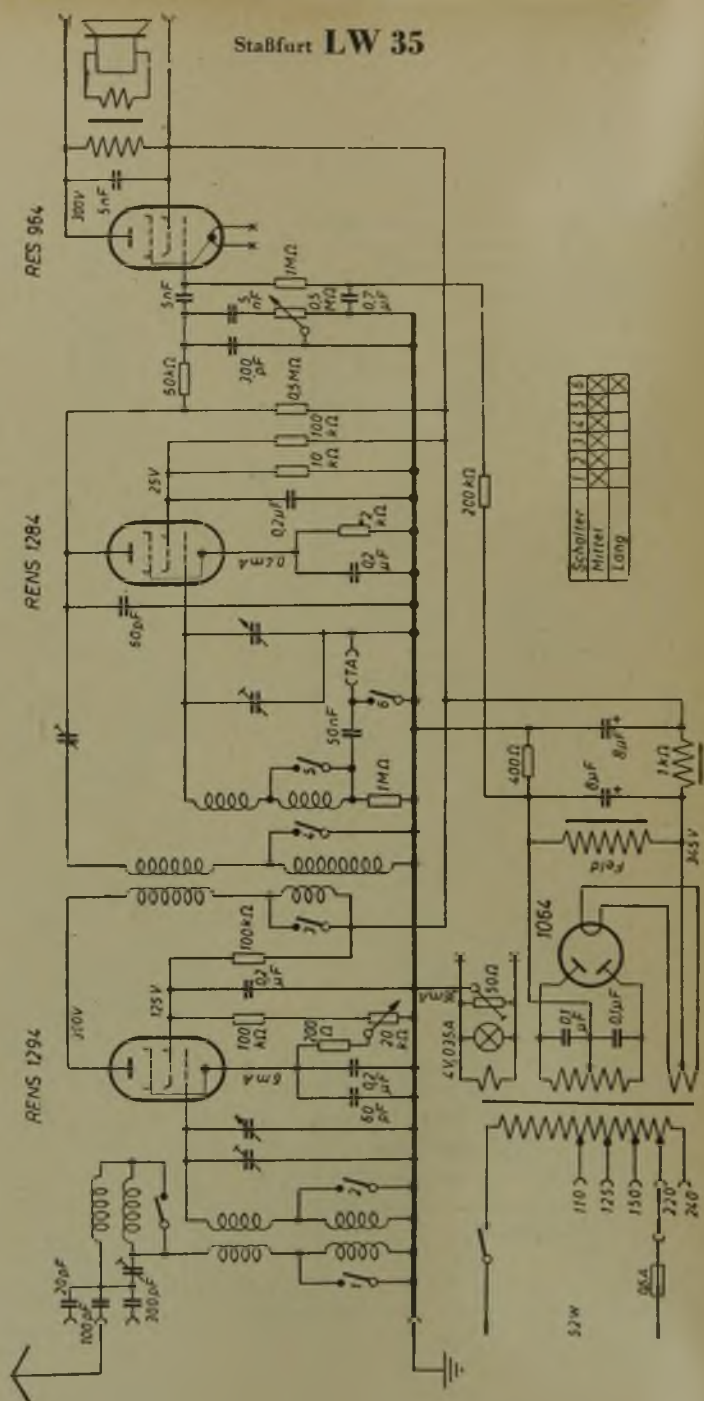
Schalter	1 2 3 4 5 6					
	Mittl.	×	×	×	×	×
Lang.						
7A						

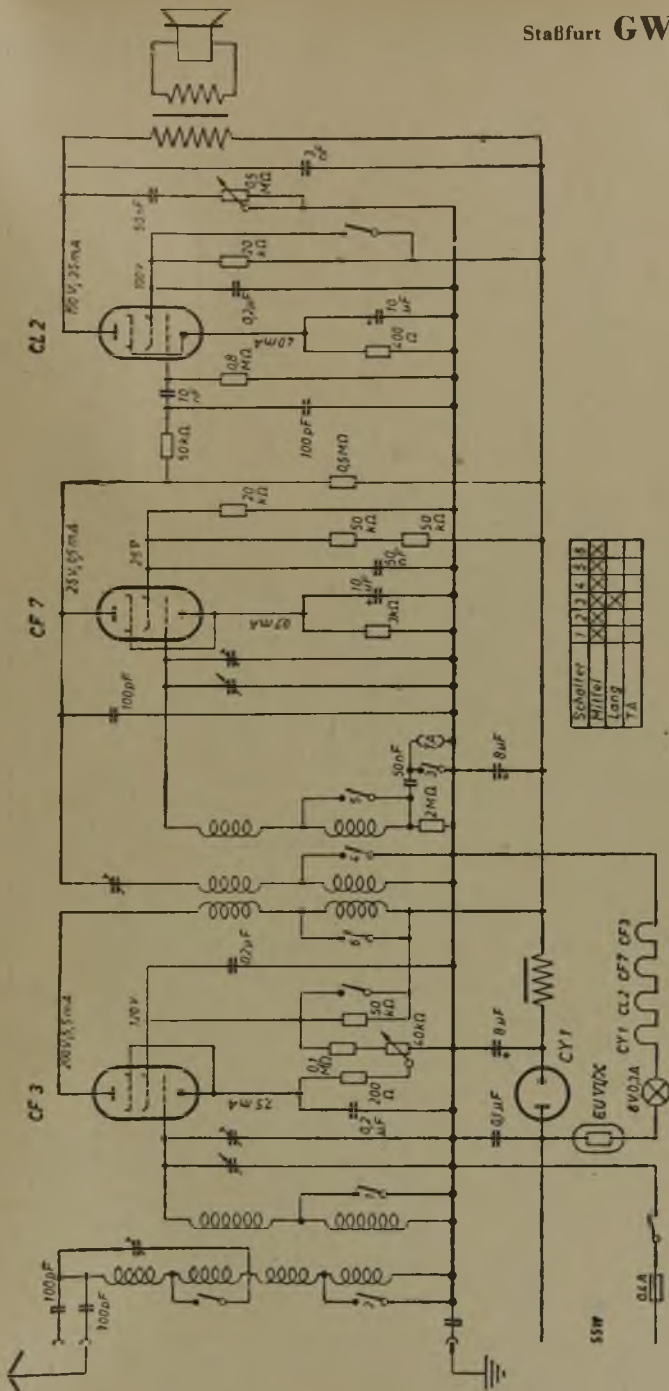


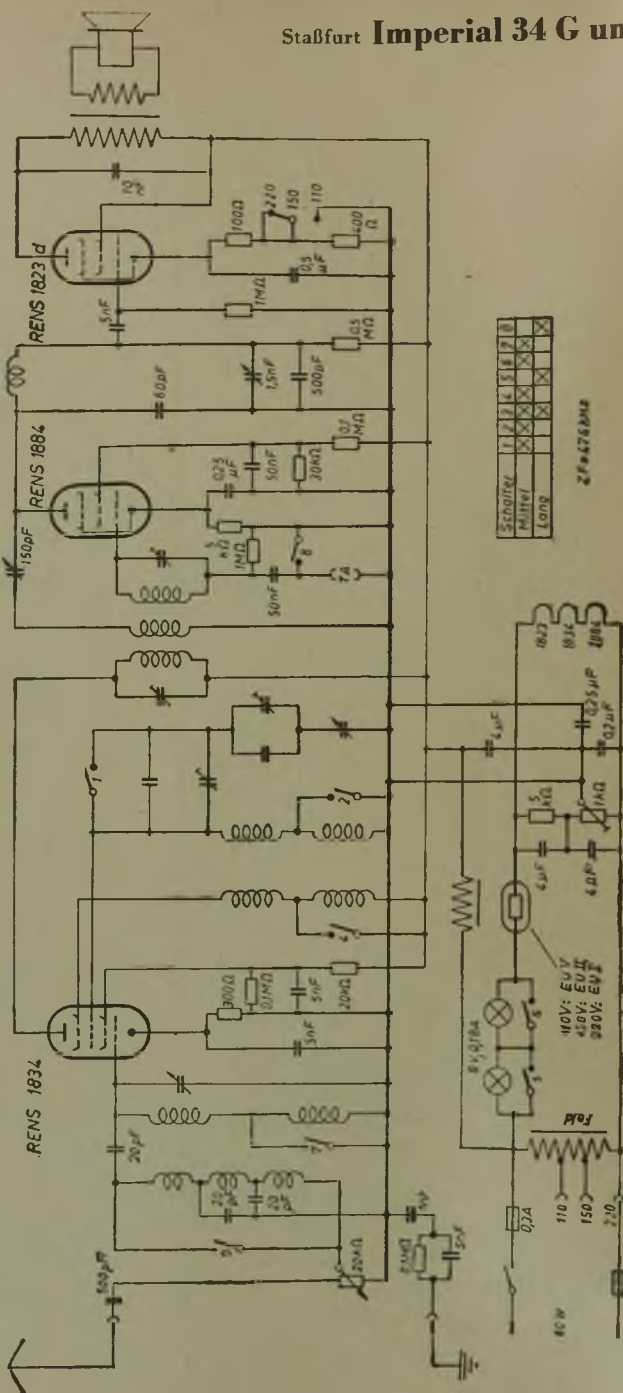
Schalter	1	2	3	4	5	6
Michael	X	X	X	X	X	X
L.009						
YA						

Staßfurt Imperial 35 W



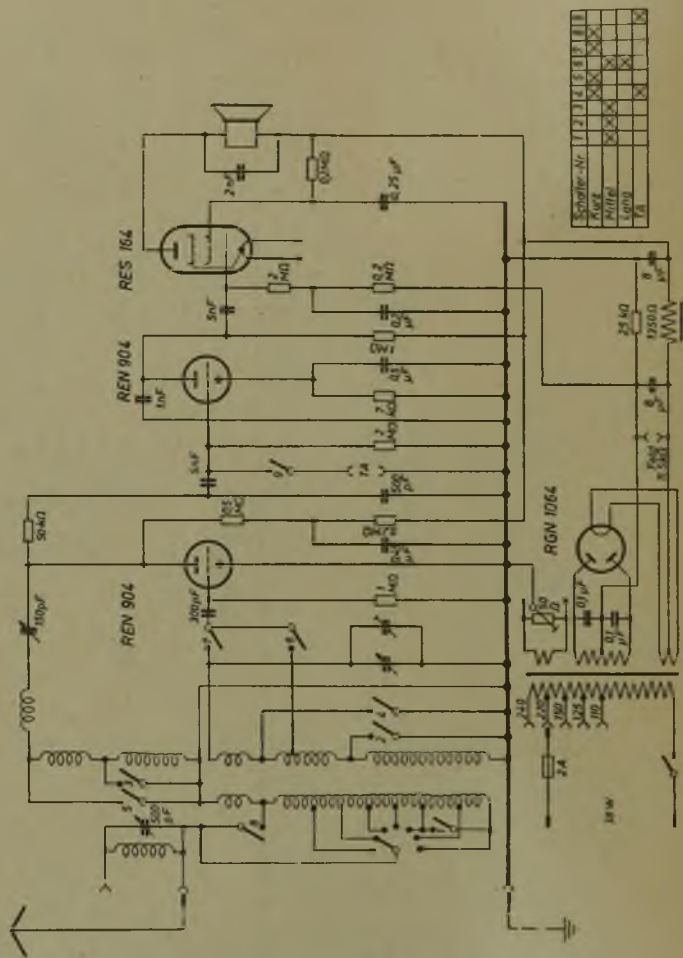




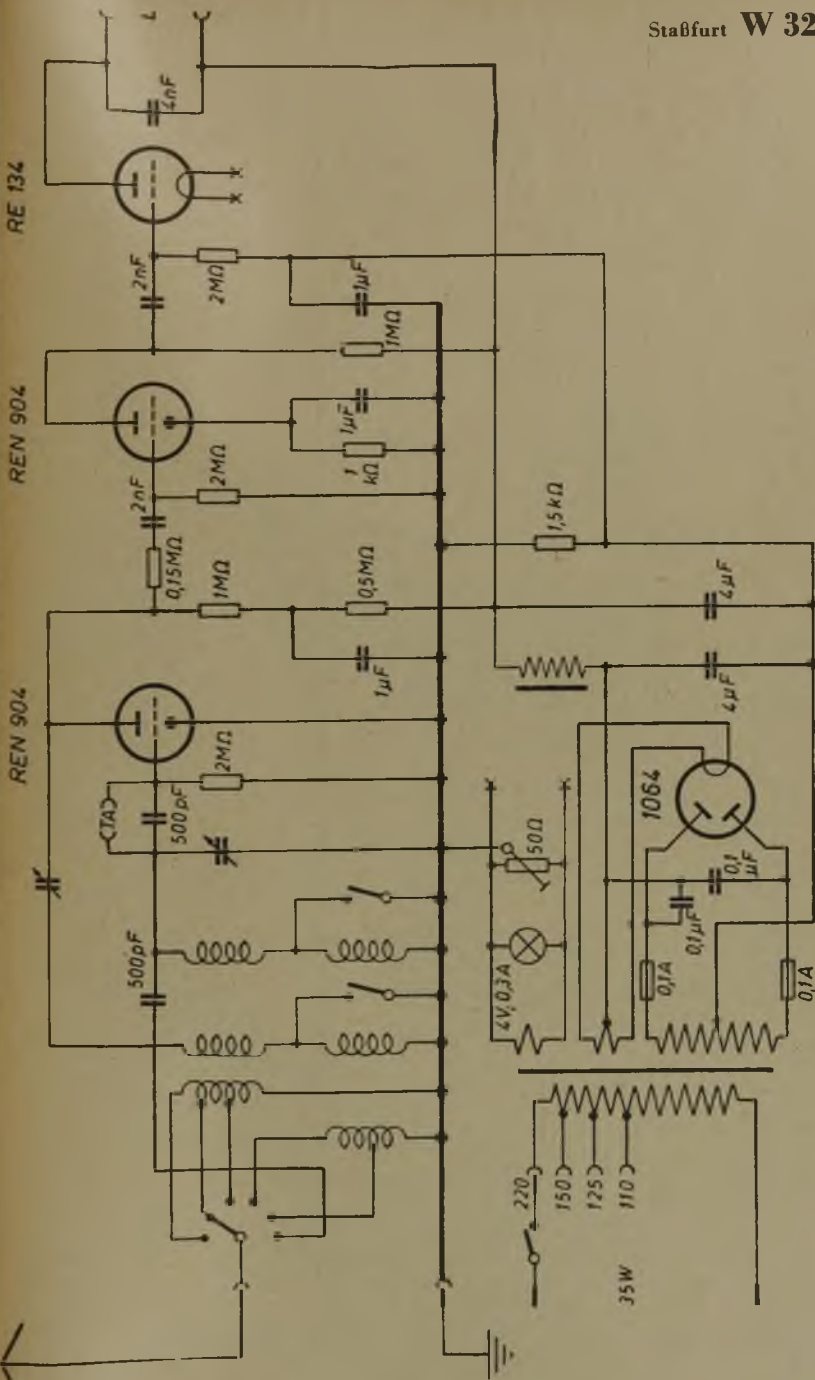


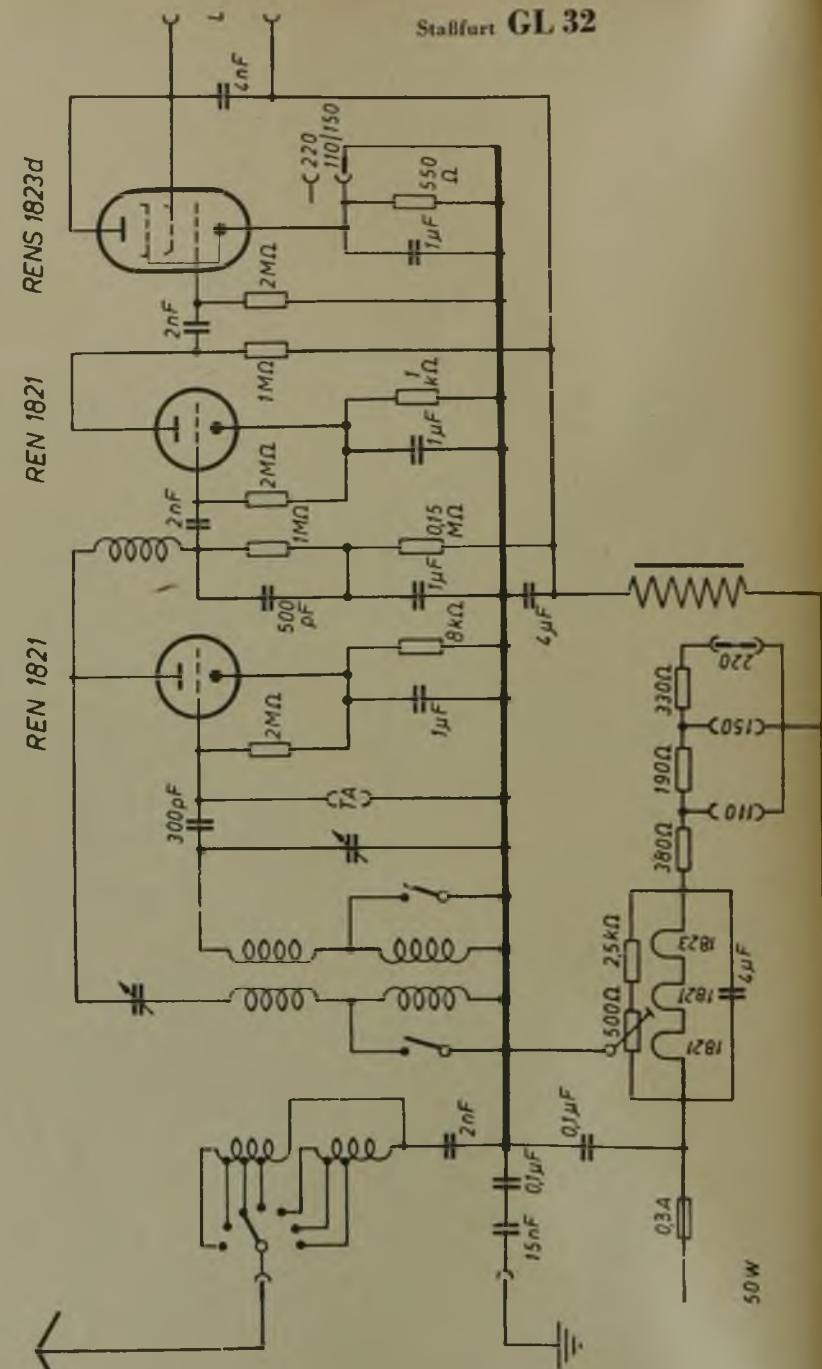
Staufurt	1	2	3	4	5	6	7	8
Mittel	X	X	X	X	X	X	X	X
Long	X	X	X	X	X	X	X	X

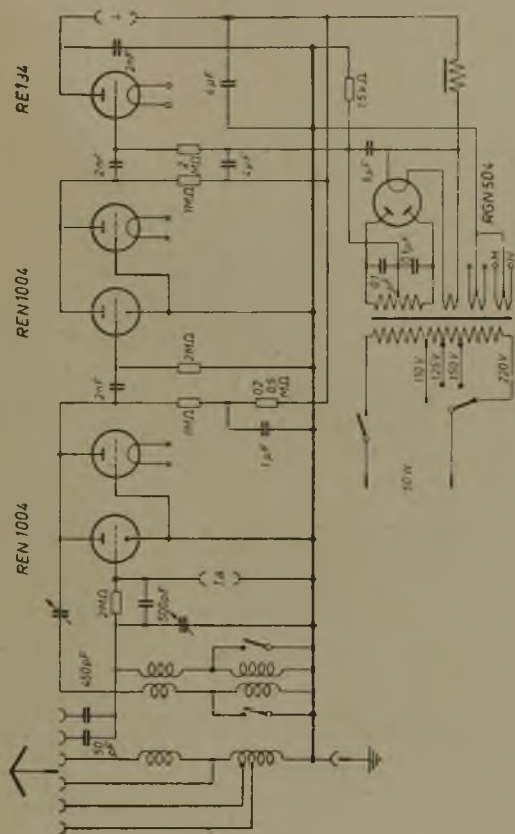
ZF = 476 kHz

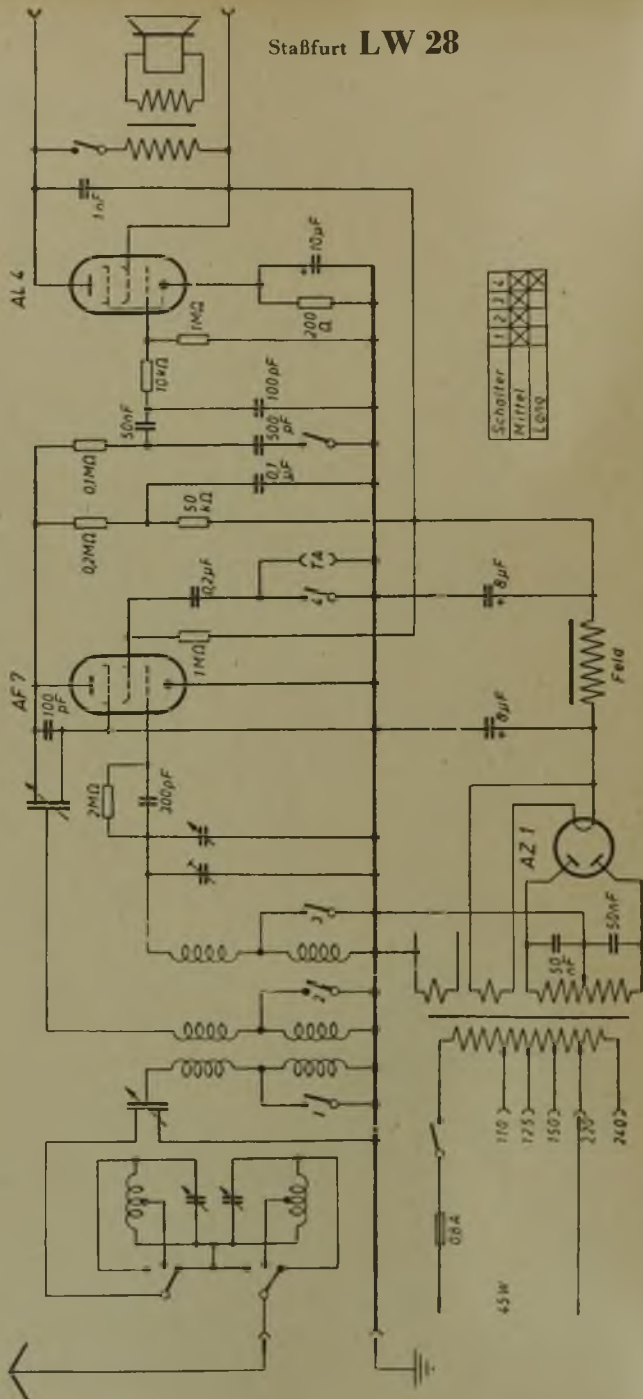


Schalt-Nr.	1	2	3	4	5	6	7	8	9	10
Kopf	X	X	X	X	X	X	X	X	X	X
Mittel	X	X	X	X	X	X	X	X	X	X
Links	X	X	X	X	X	X	X	X	X	X
Rechts	X	X	X	X	X	X	X	X	X	X

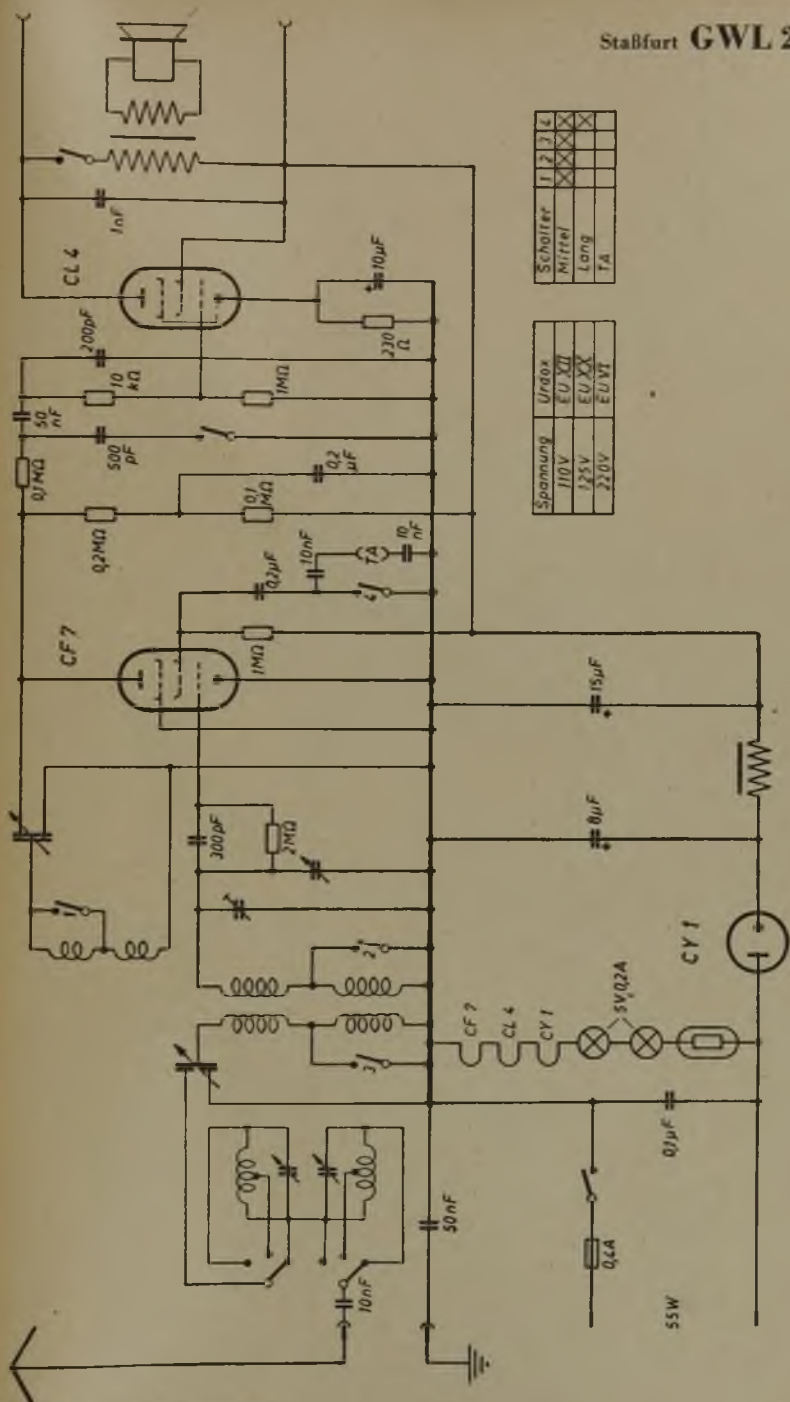








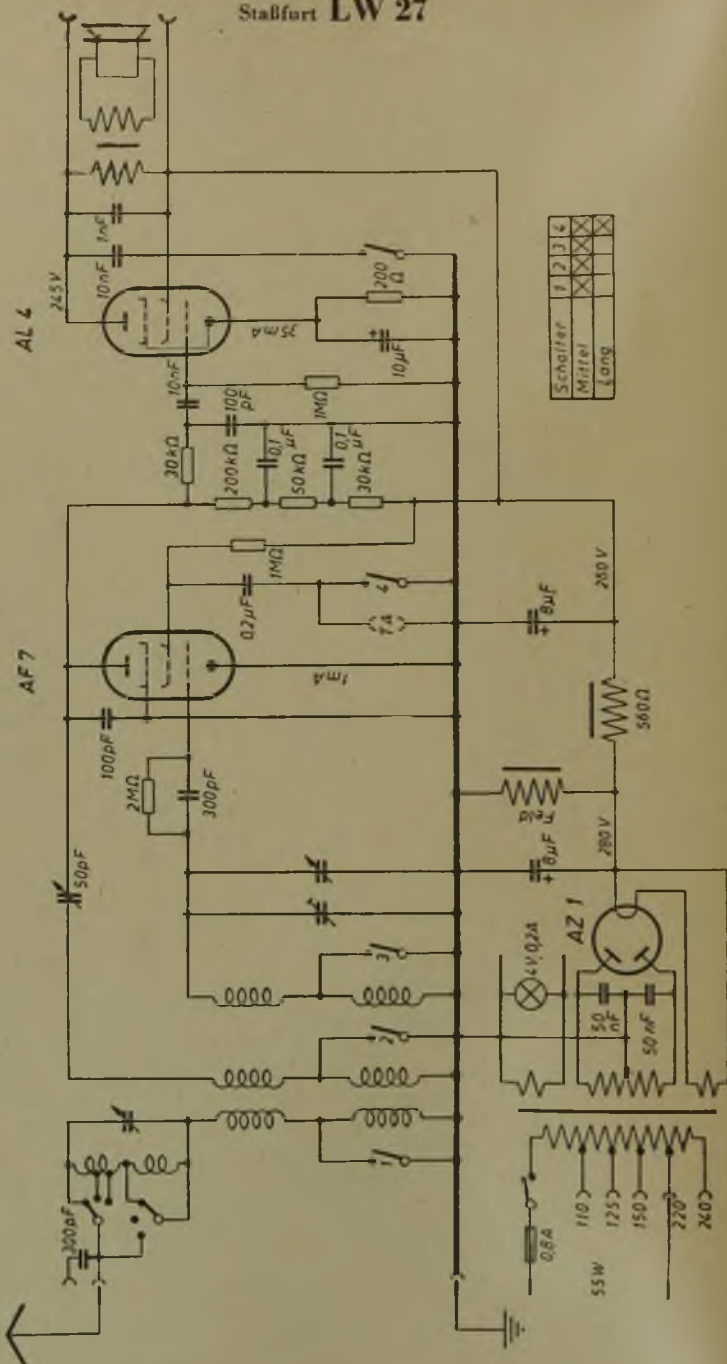
Schalter	1	2	3	4
Mittel	X	X	X	X
LESTO	X	X	X	X

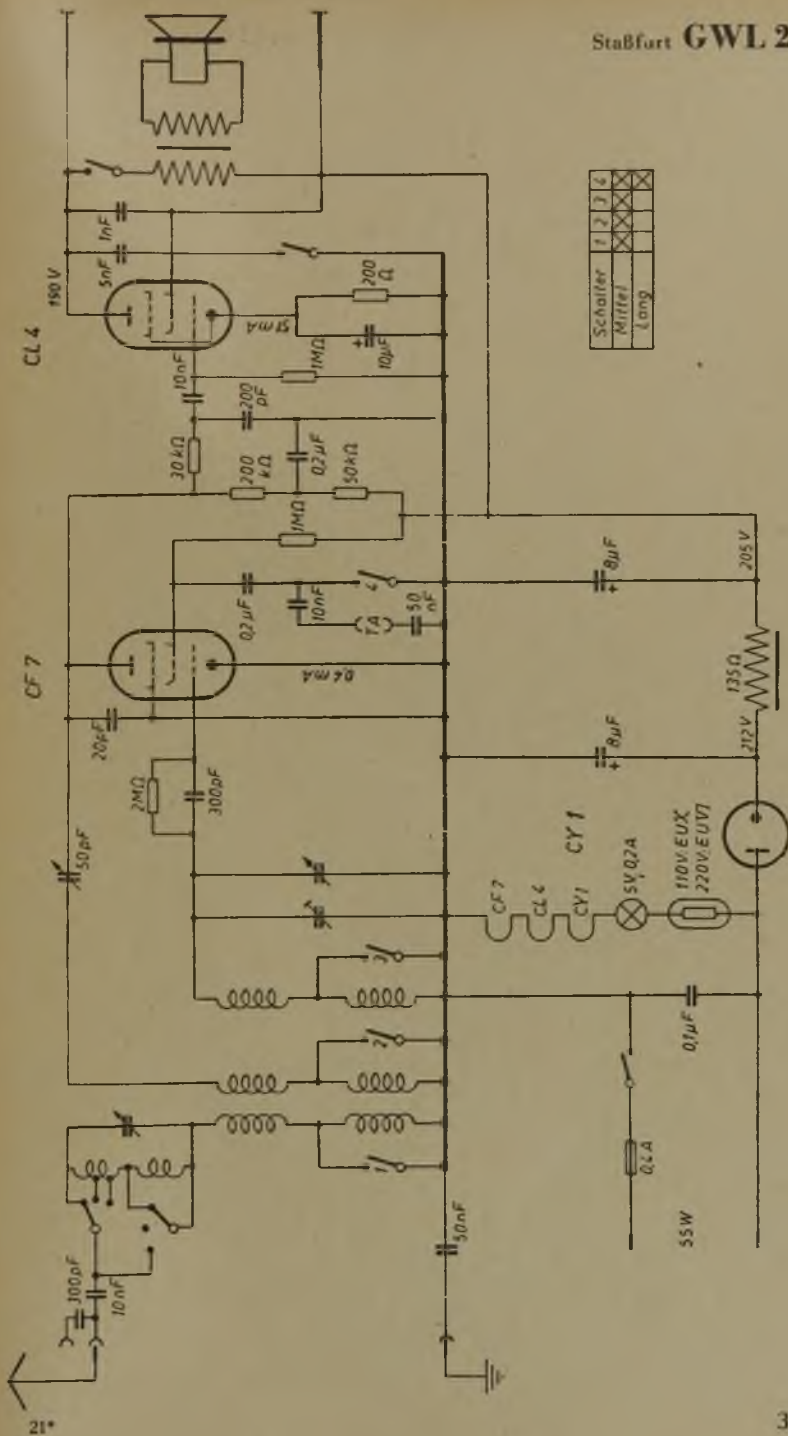


Schalter	1	2	3	4
Mittel	×	×	×	×
Lang				
FA				

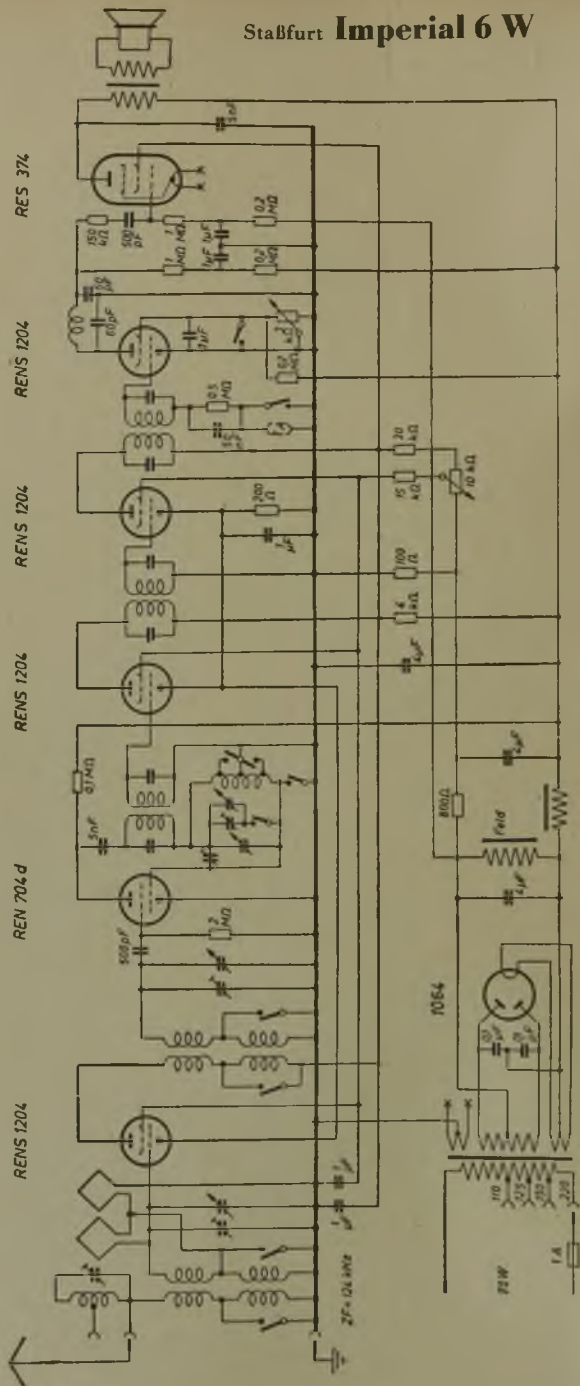
Urdox	EU XII
Spannung	110V
	125V
	220V
	EU VI

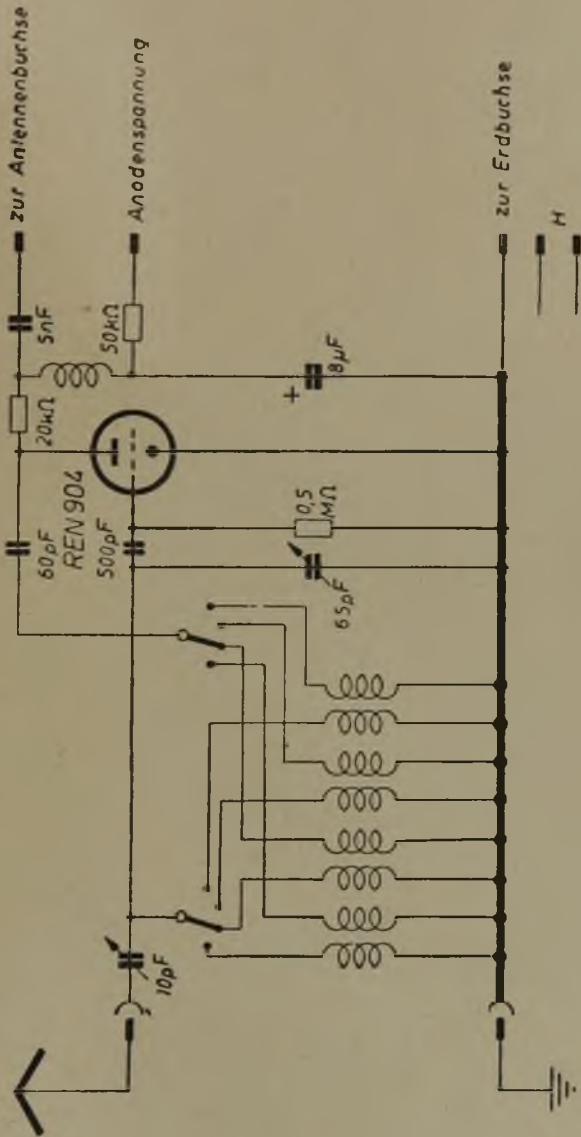
Staffurt LW 27

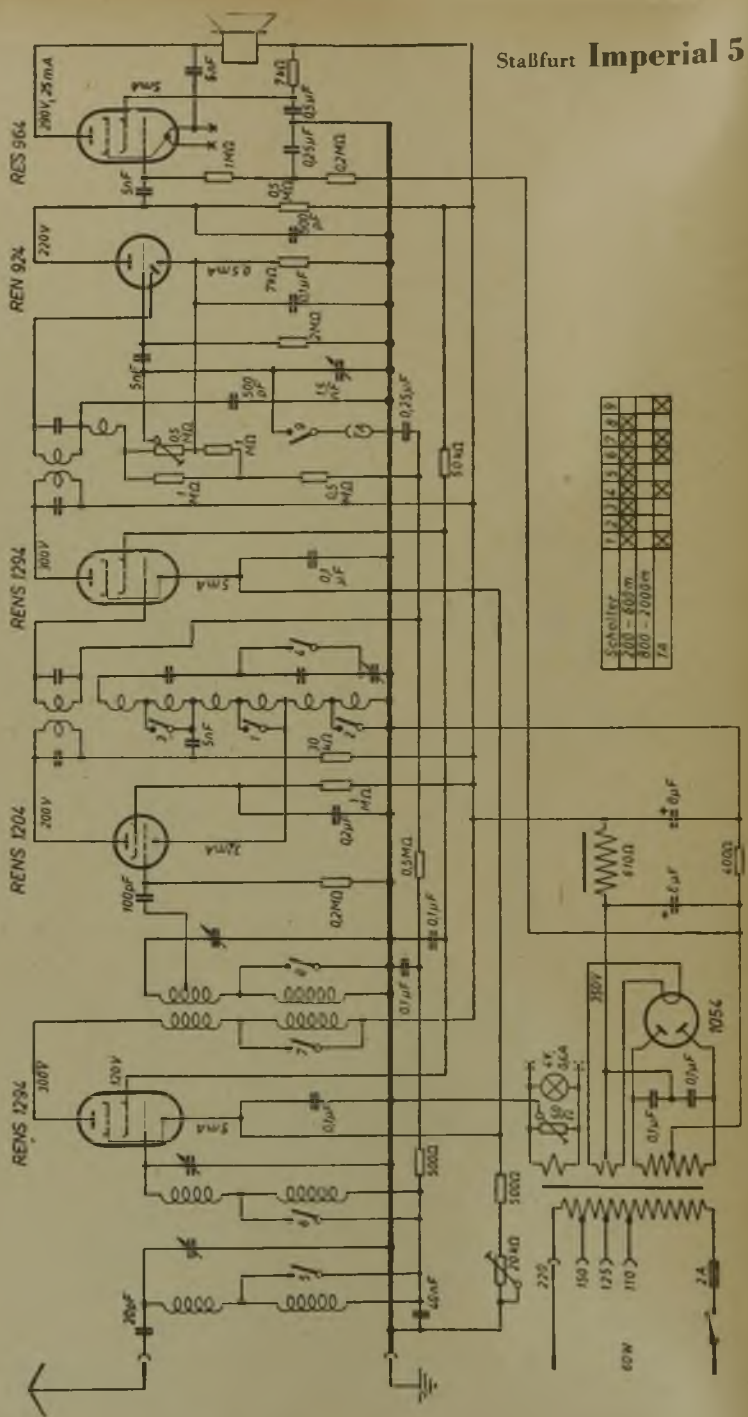




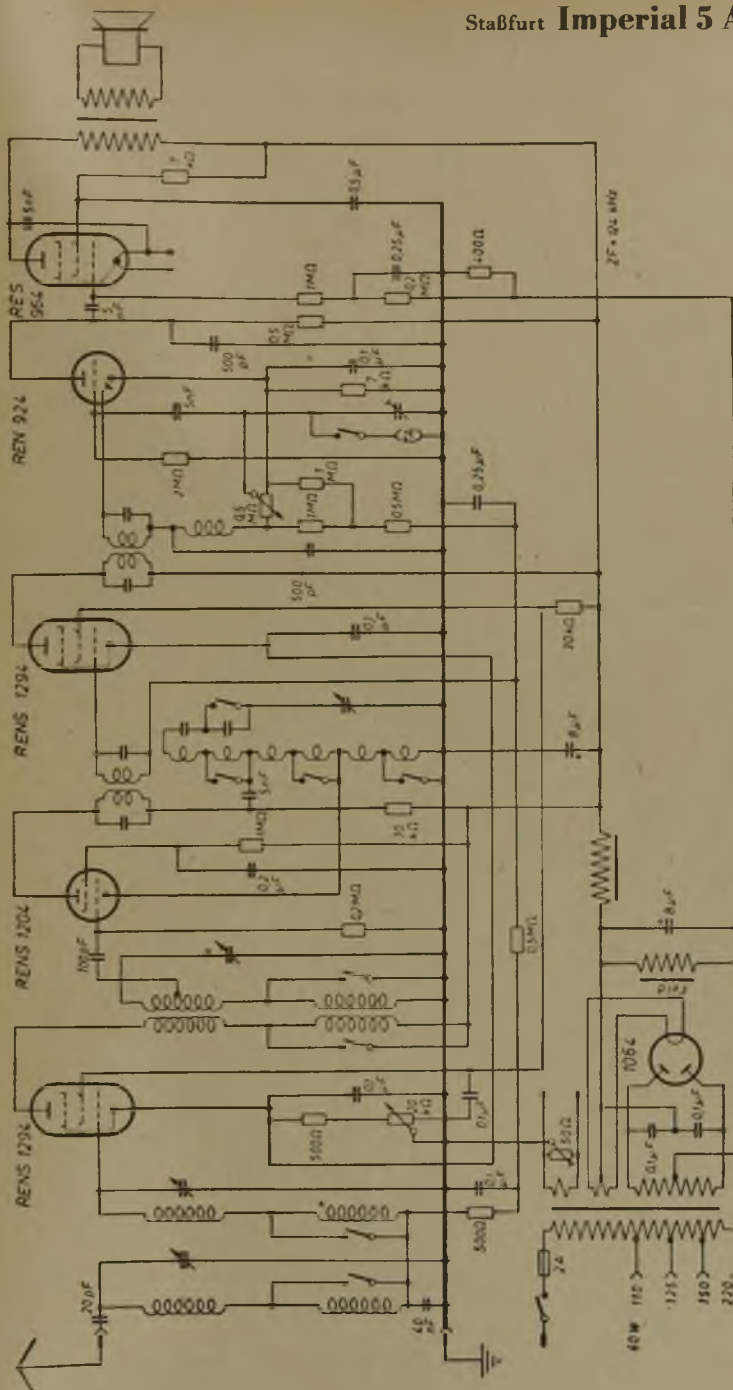
Staßfurt Imperial 6 W



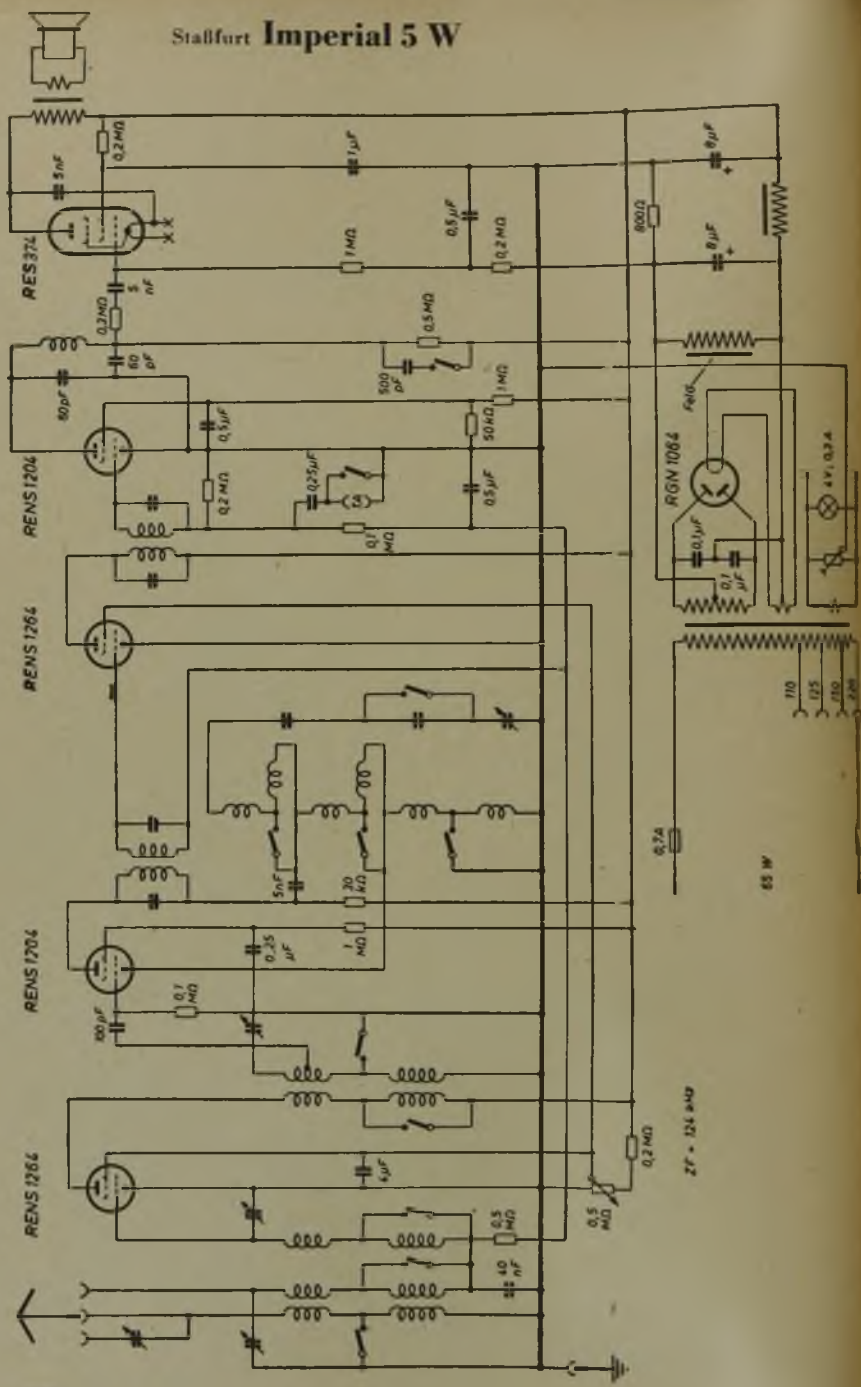


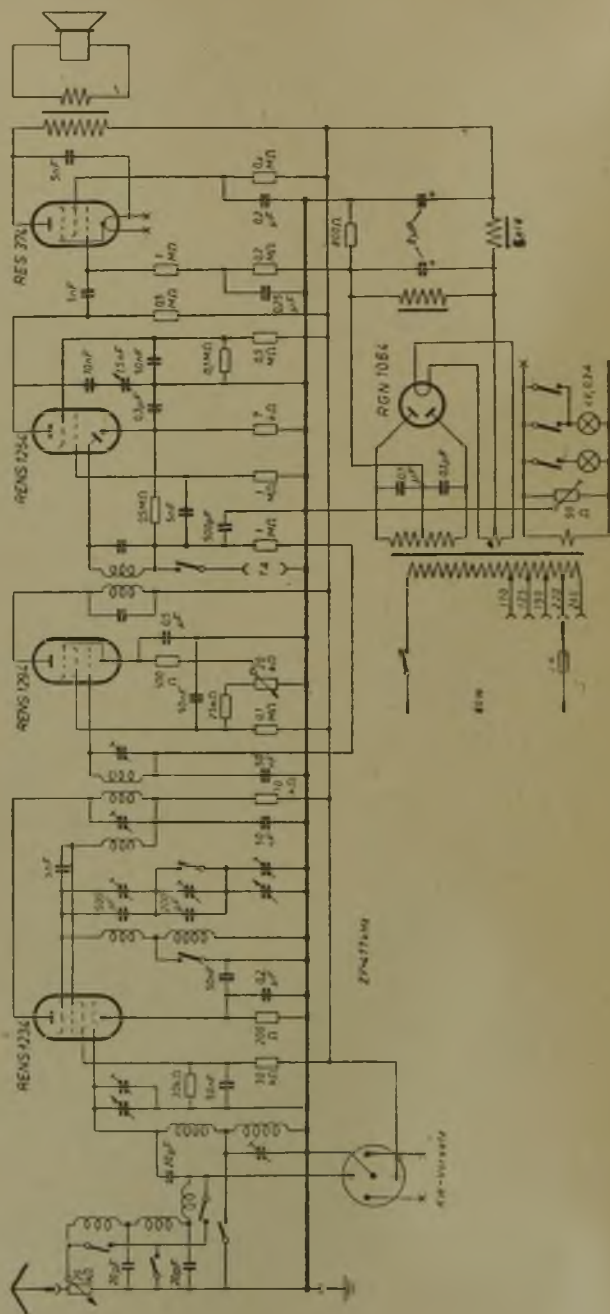


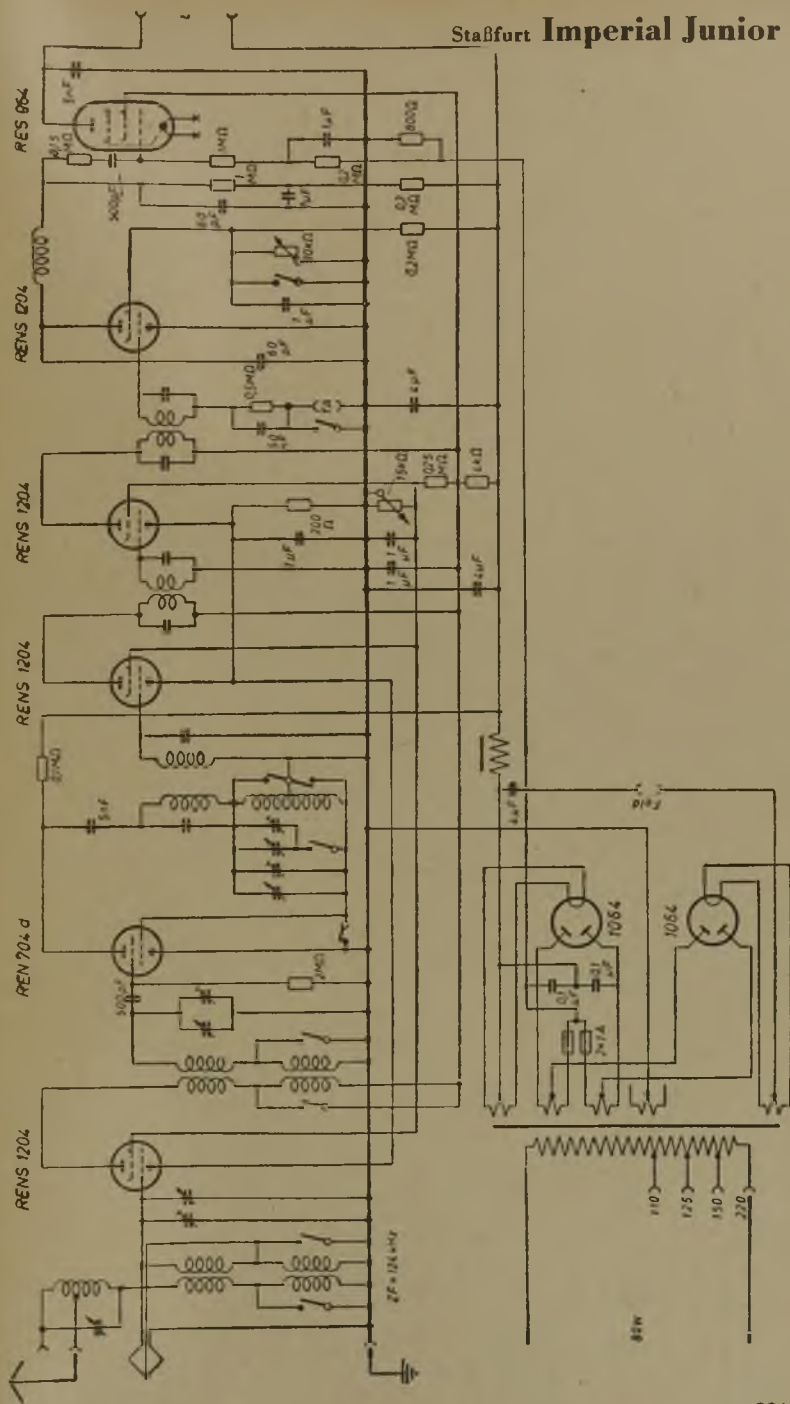
Schalter	1	2	3	4	5	6	7	8	9
400 - 600m	X	X	X	X	X	X	X	X	X
800 - 1000m	X	X	X	X	X	X	X	X	X
TA	X	X	X	X	X	X	X	X	X



Staffurt Imperial 5 W



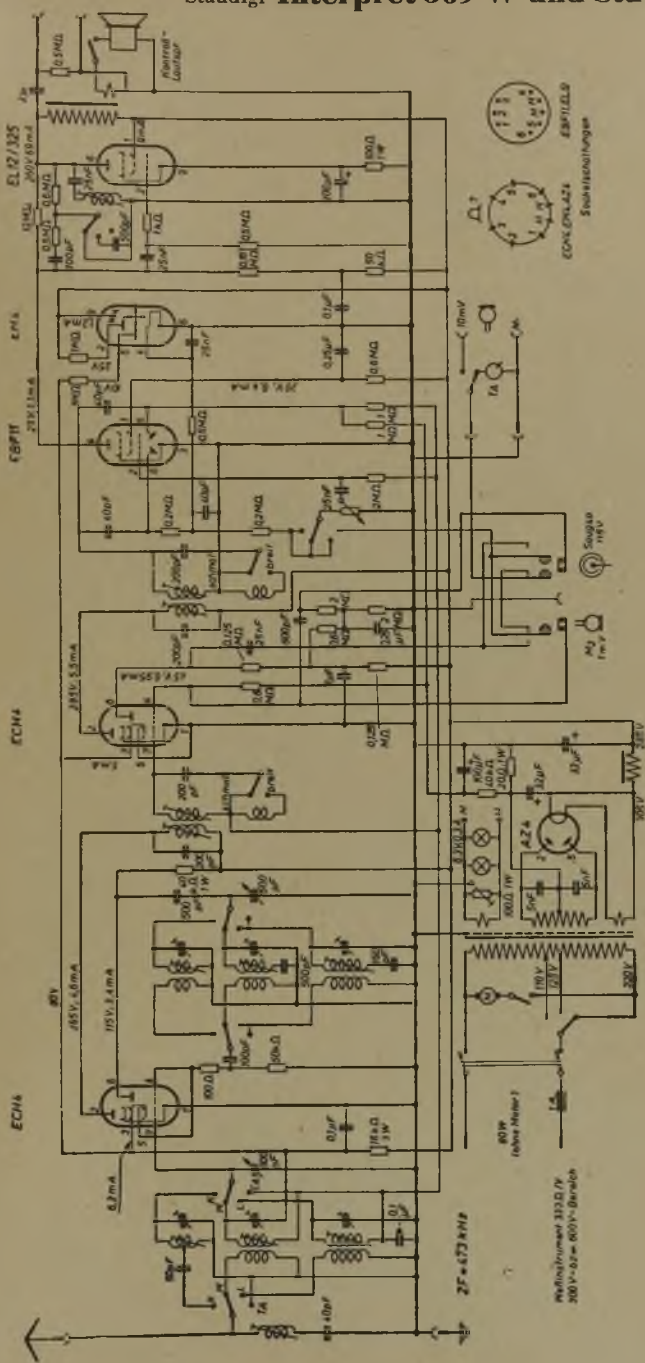




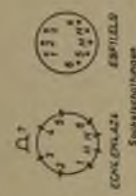


STAUDIGL

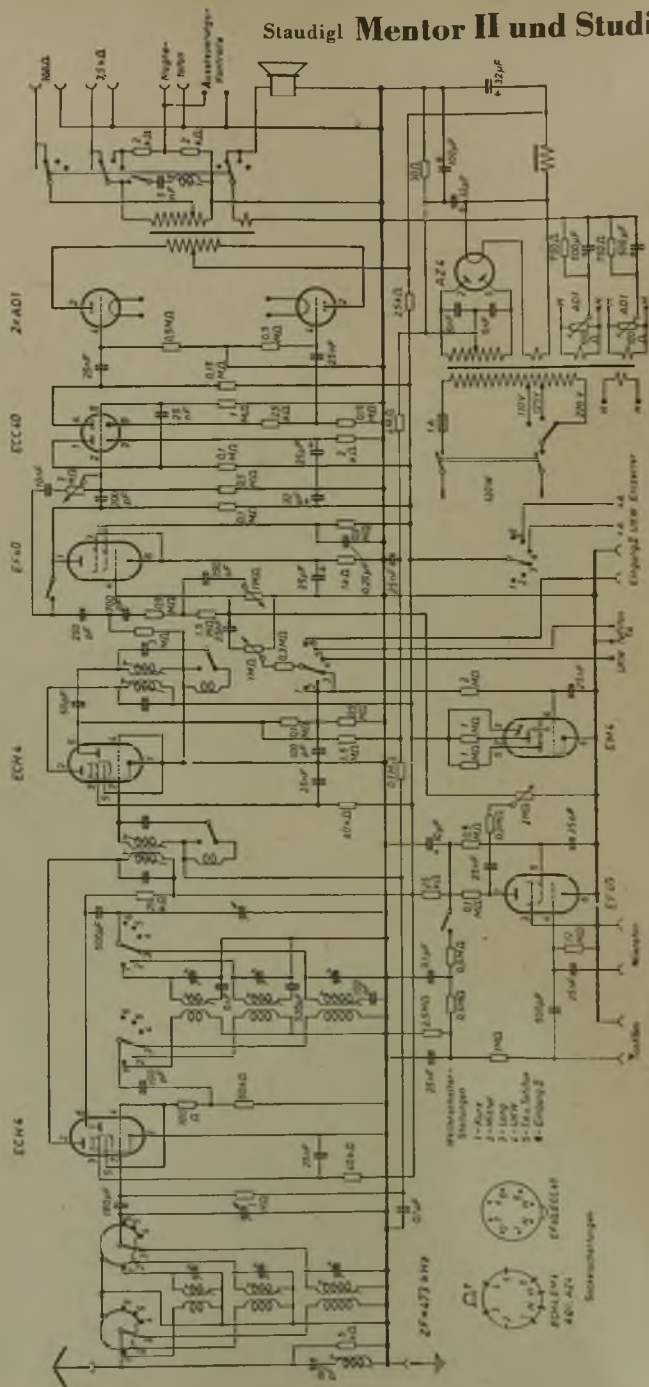
Staudigl Interpret 569 W und Studio I

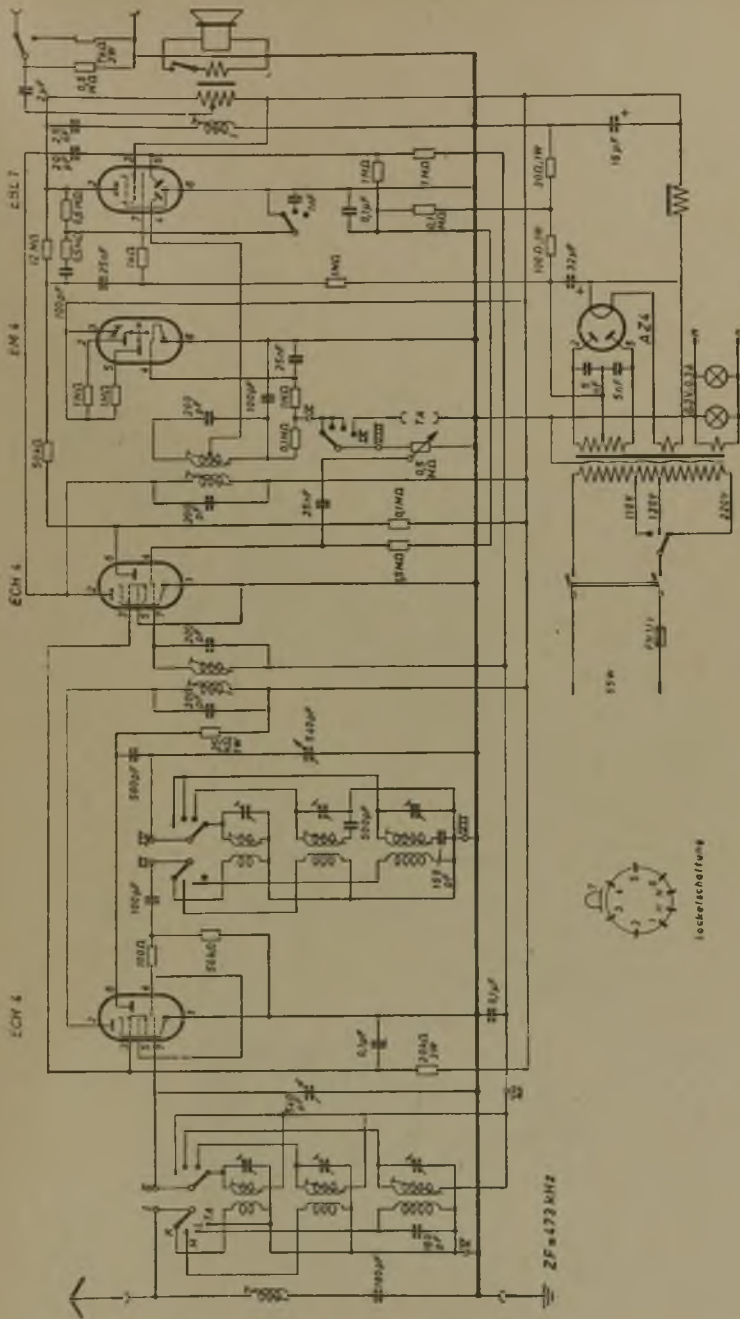


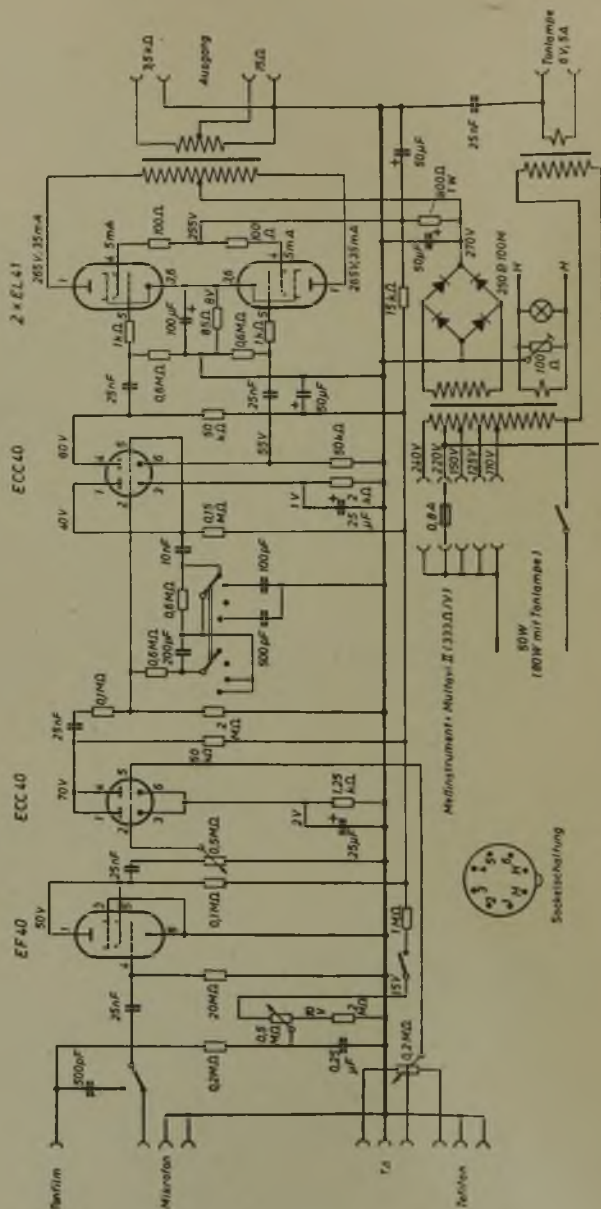
Multiinstrument 112 D/F
300V-50=600V-Baracke



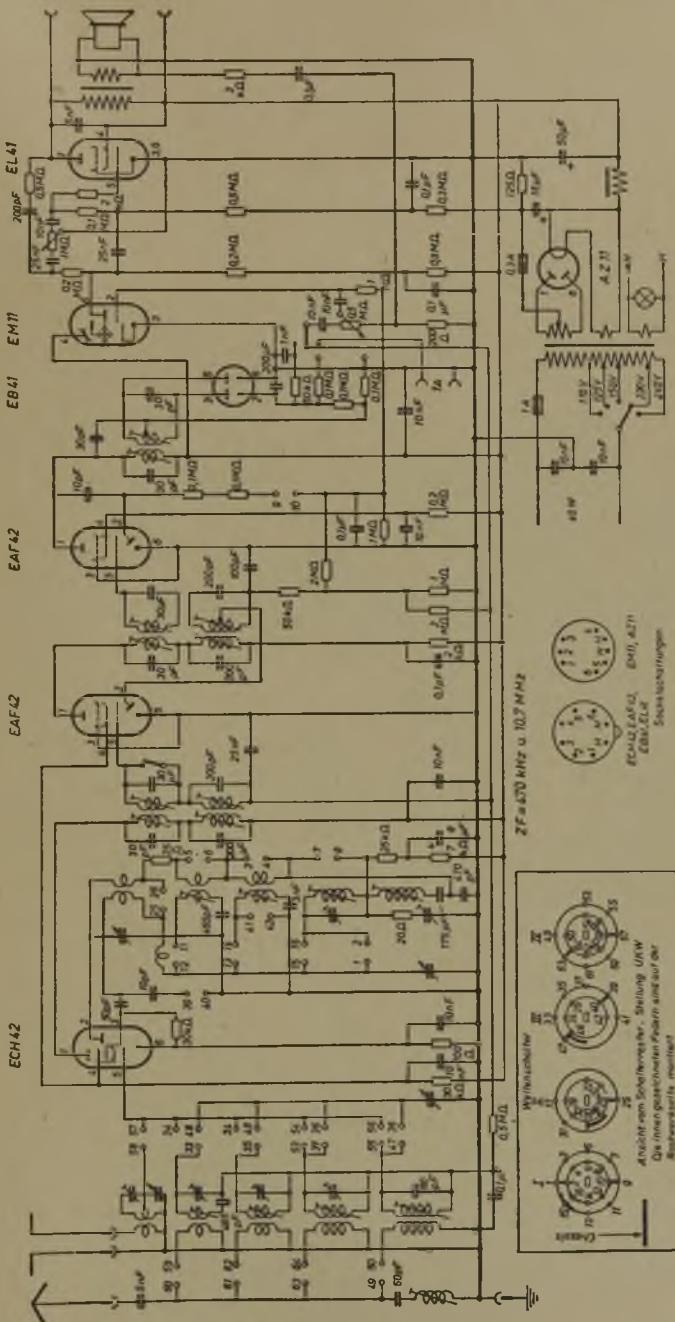
Staudigl Mentor II und Studio II



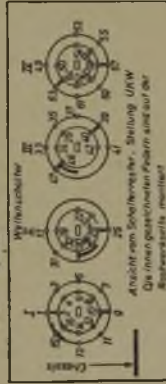




SÜDFUNK



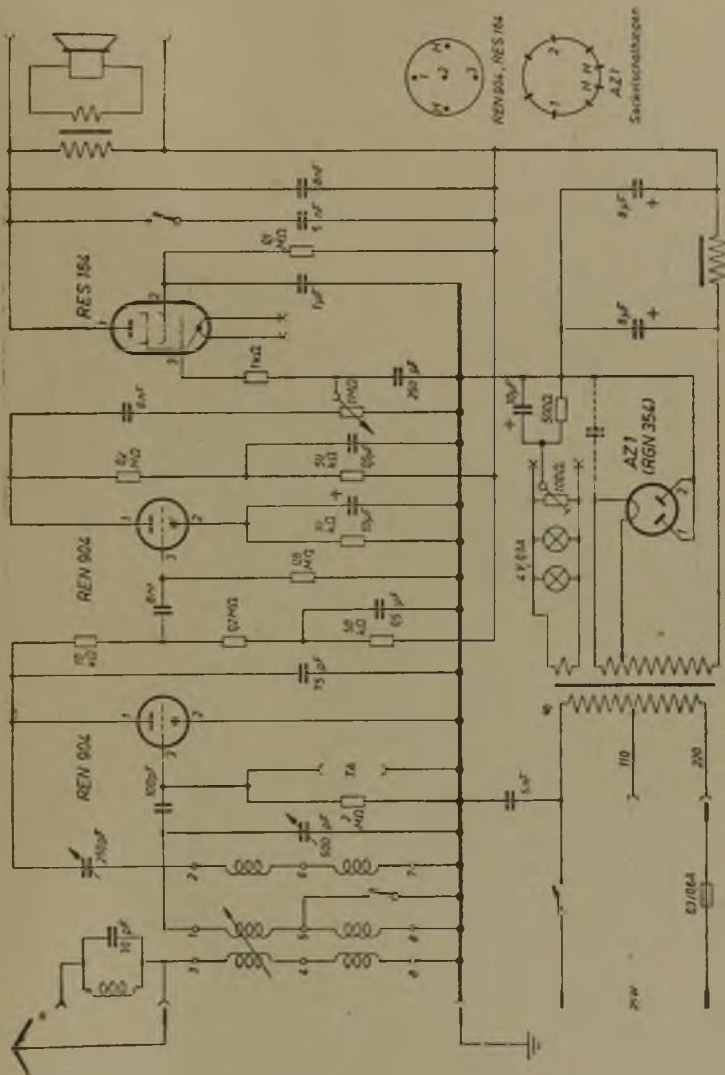
ZF = 270 kHz u. 10,7 MHz
 6CA2, 6AF2, 6M7, 6Z7
 EB41, EL41
 Sockelbuchungen

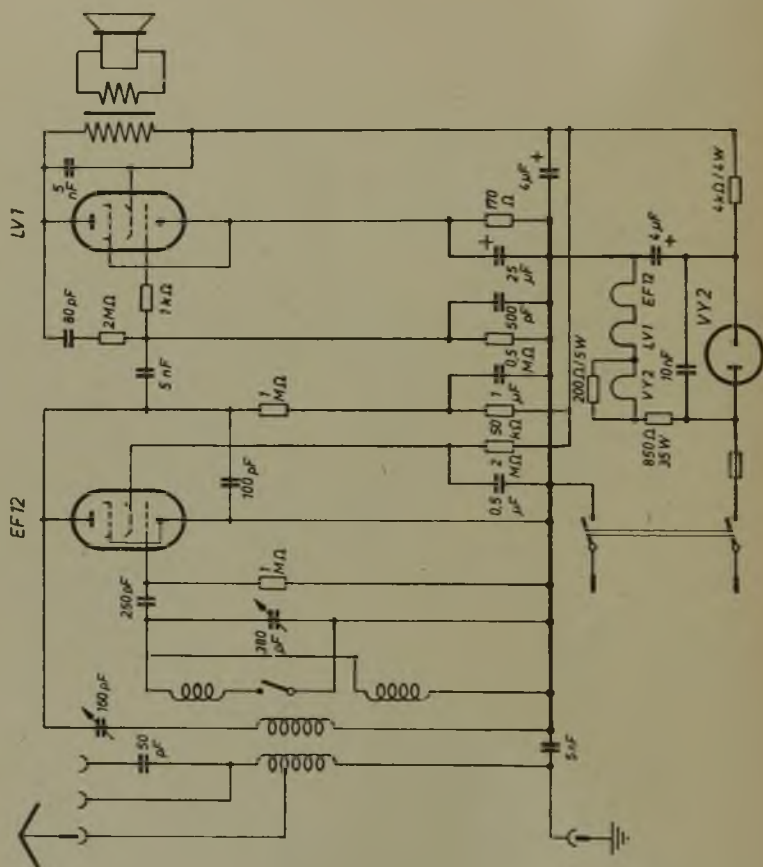




TAK

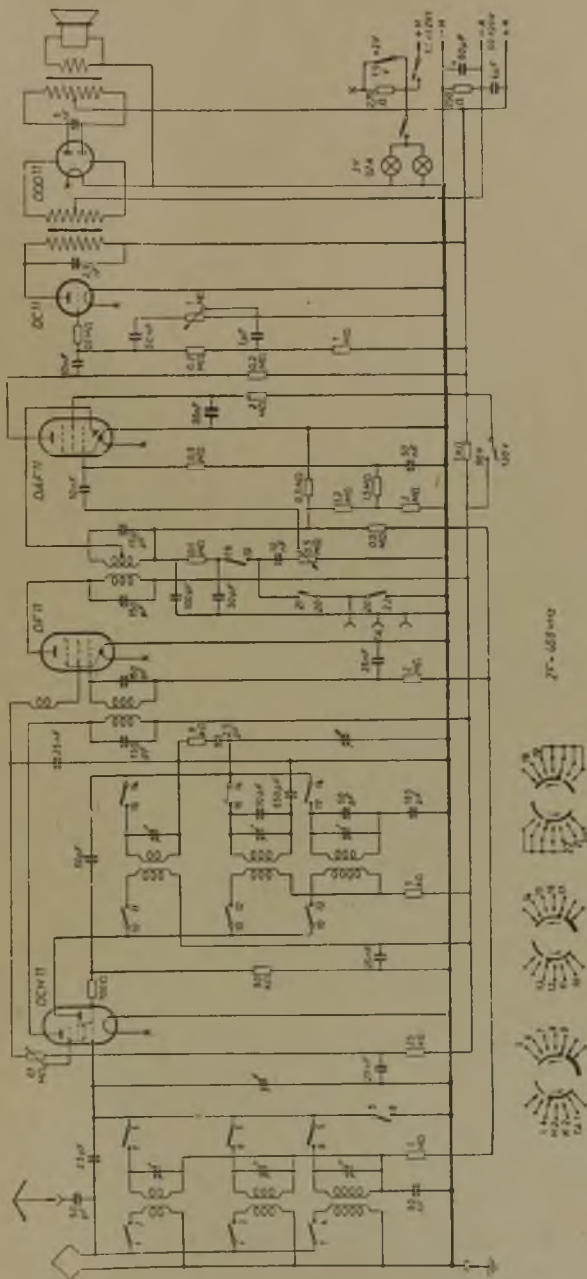




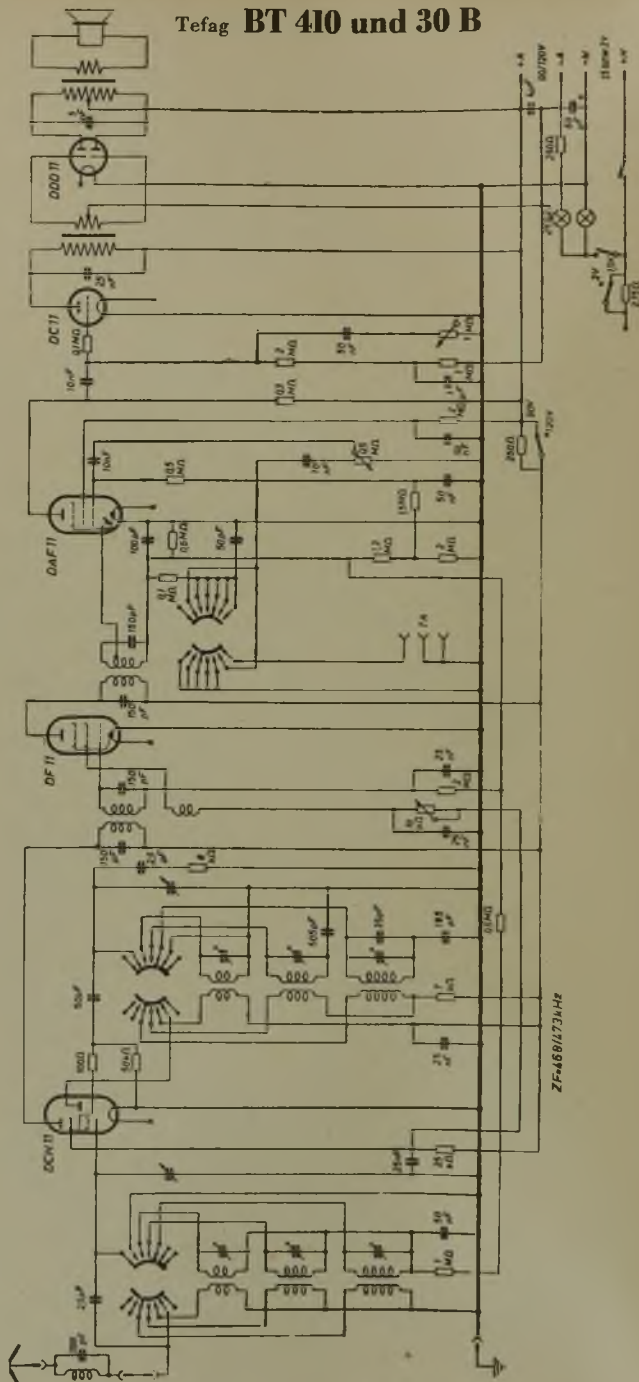


TEFAG



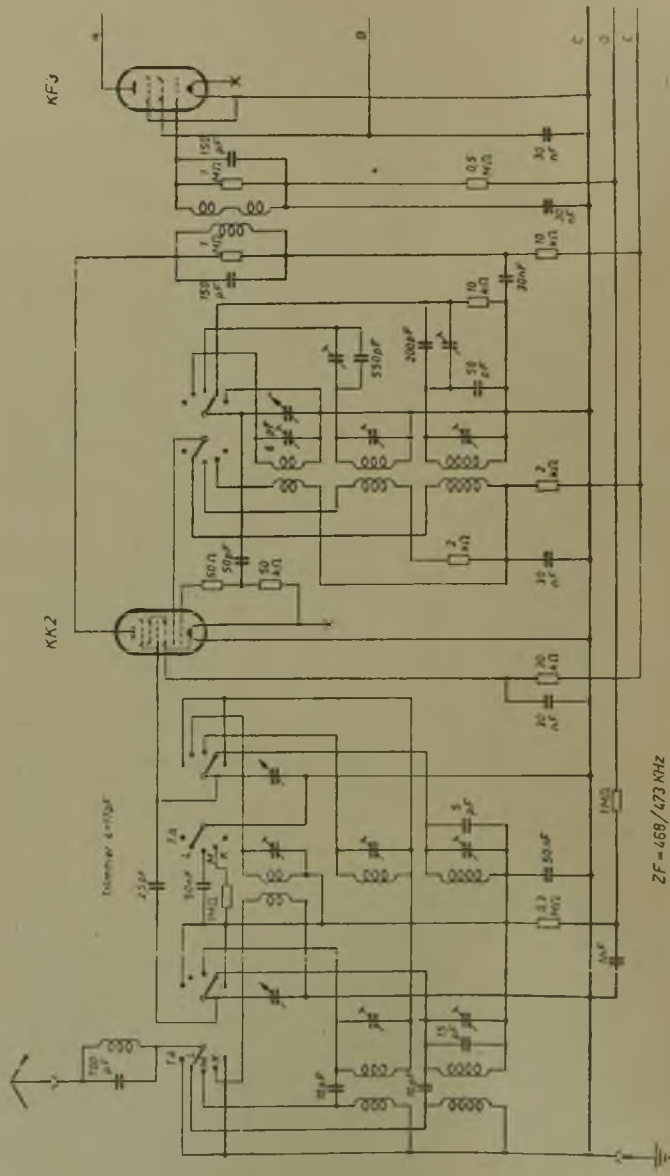


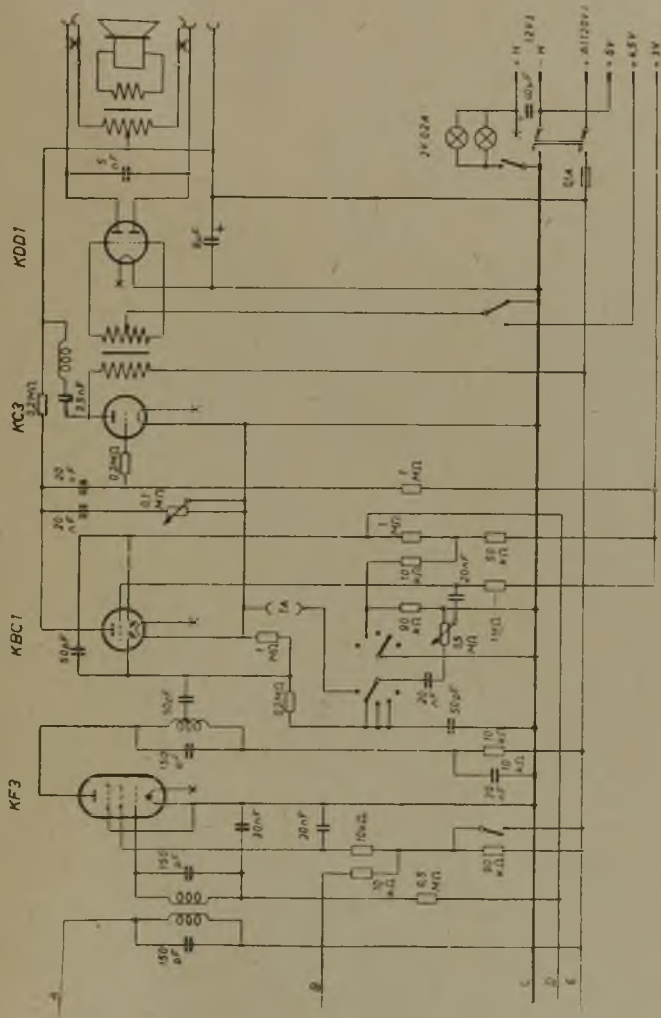
Tefag BT 410 und 30 B



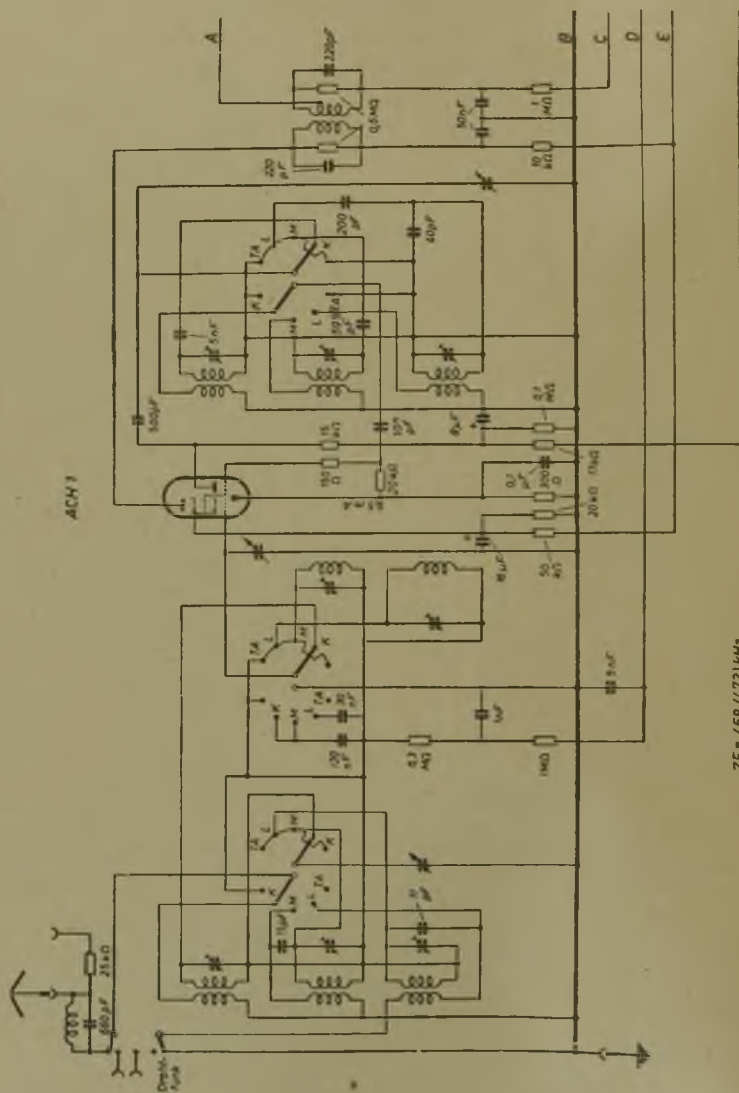
ZF=468/473kHz

Tefag **BT 400**
(linke Seite des Schaltbildes)

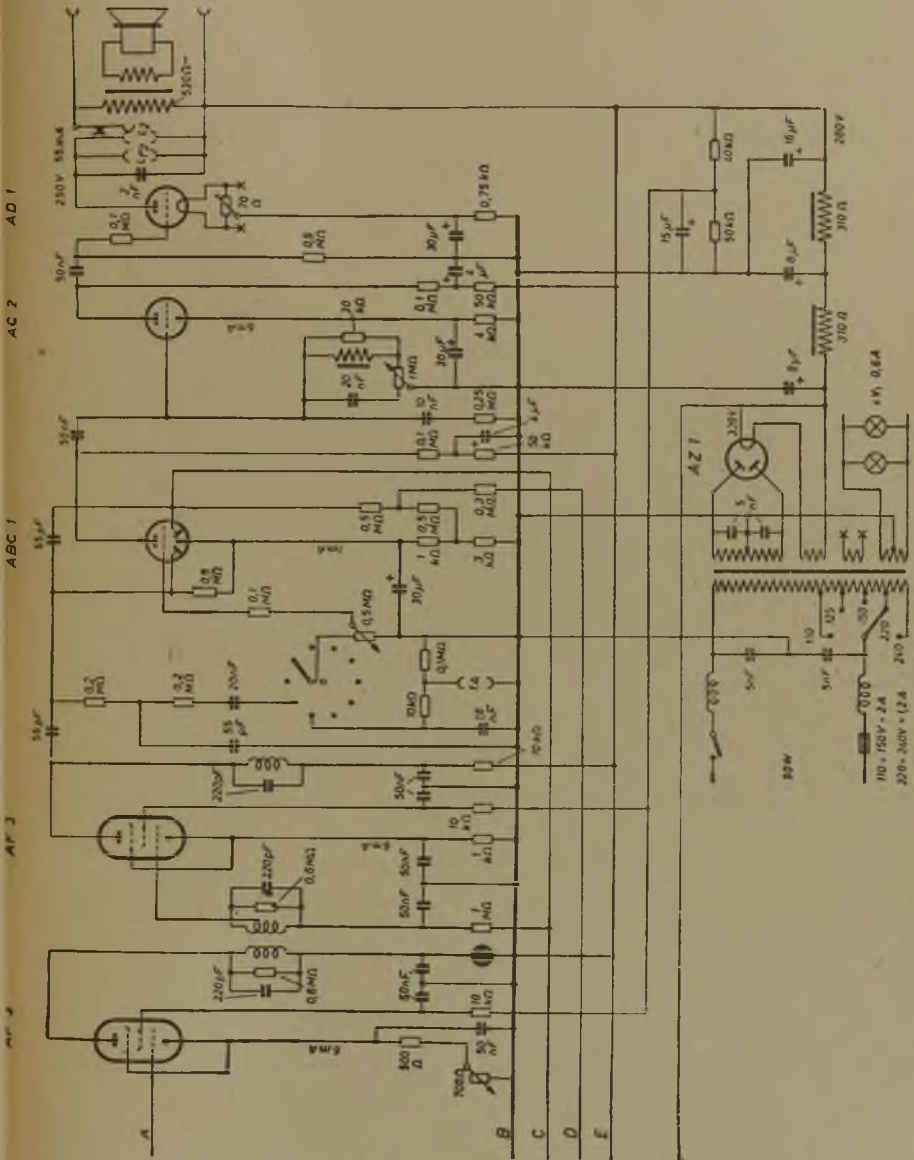


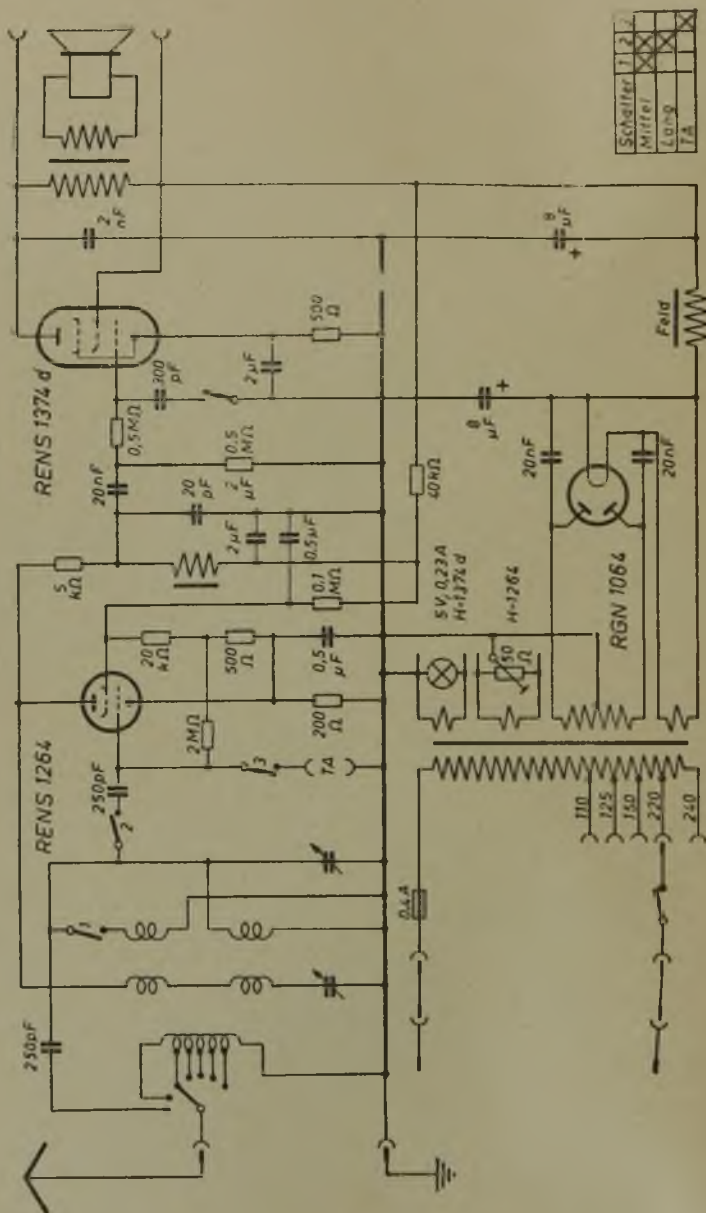


Tefag 300 W
 (linke Seite des Schaltbildes)

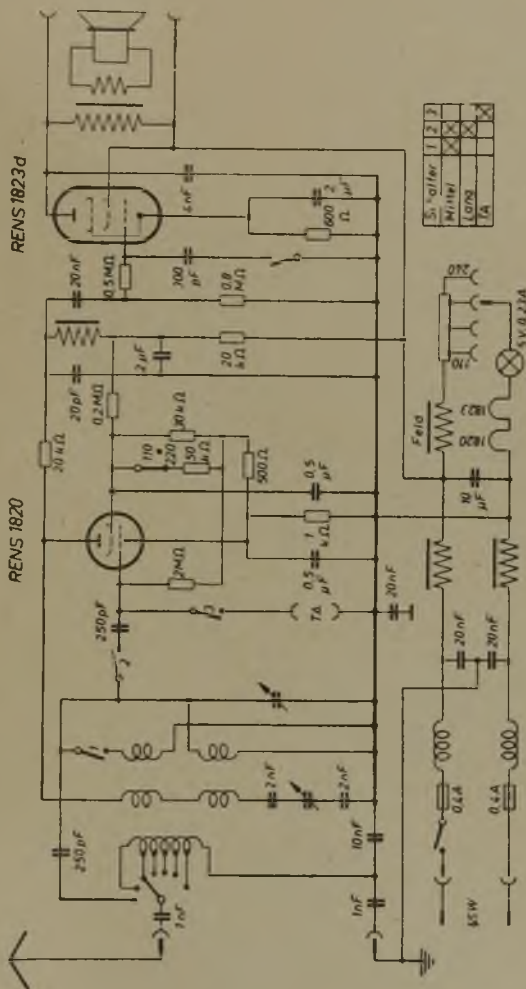


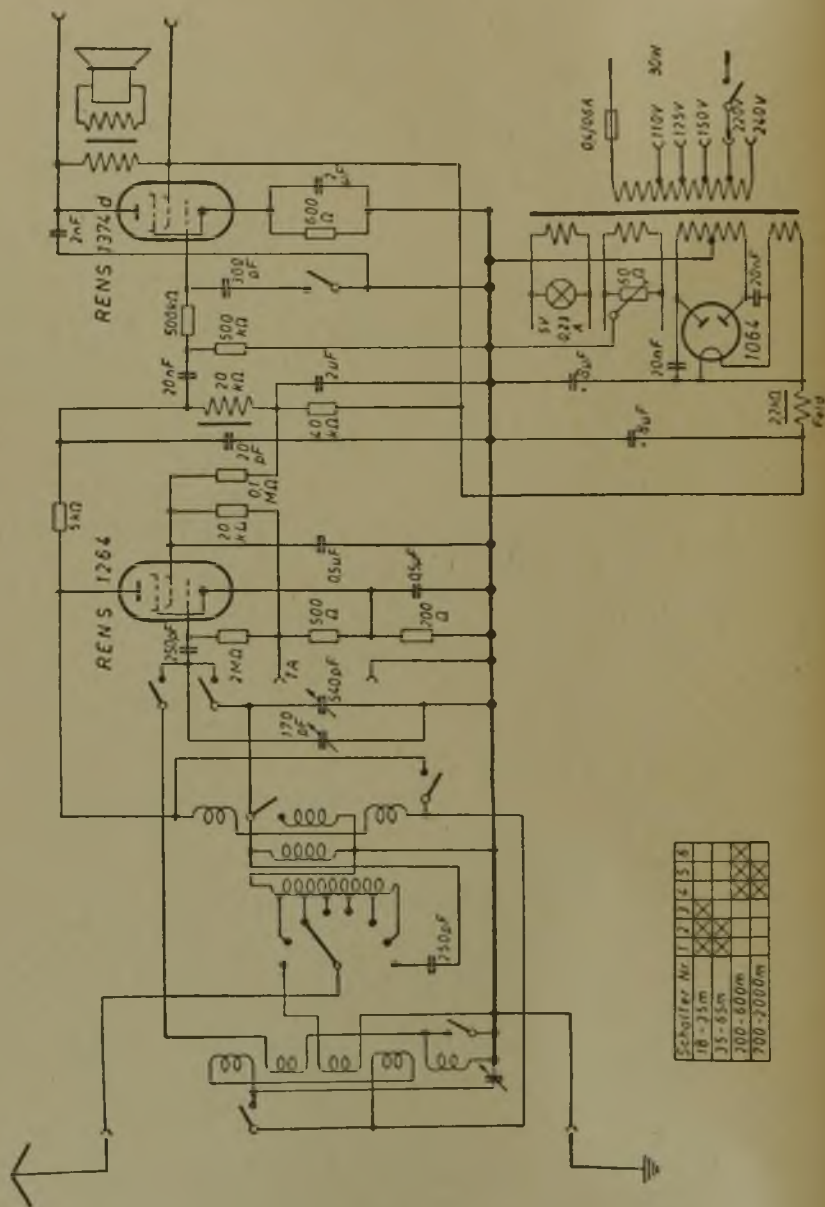
ZF = 468 (1.73) MHz



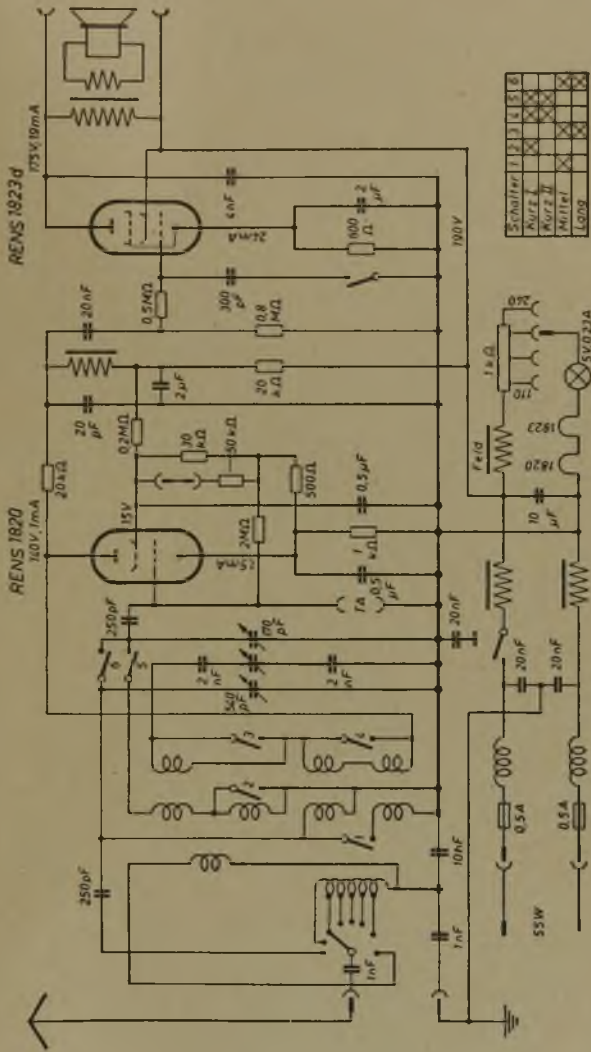


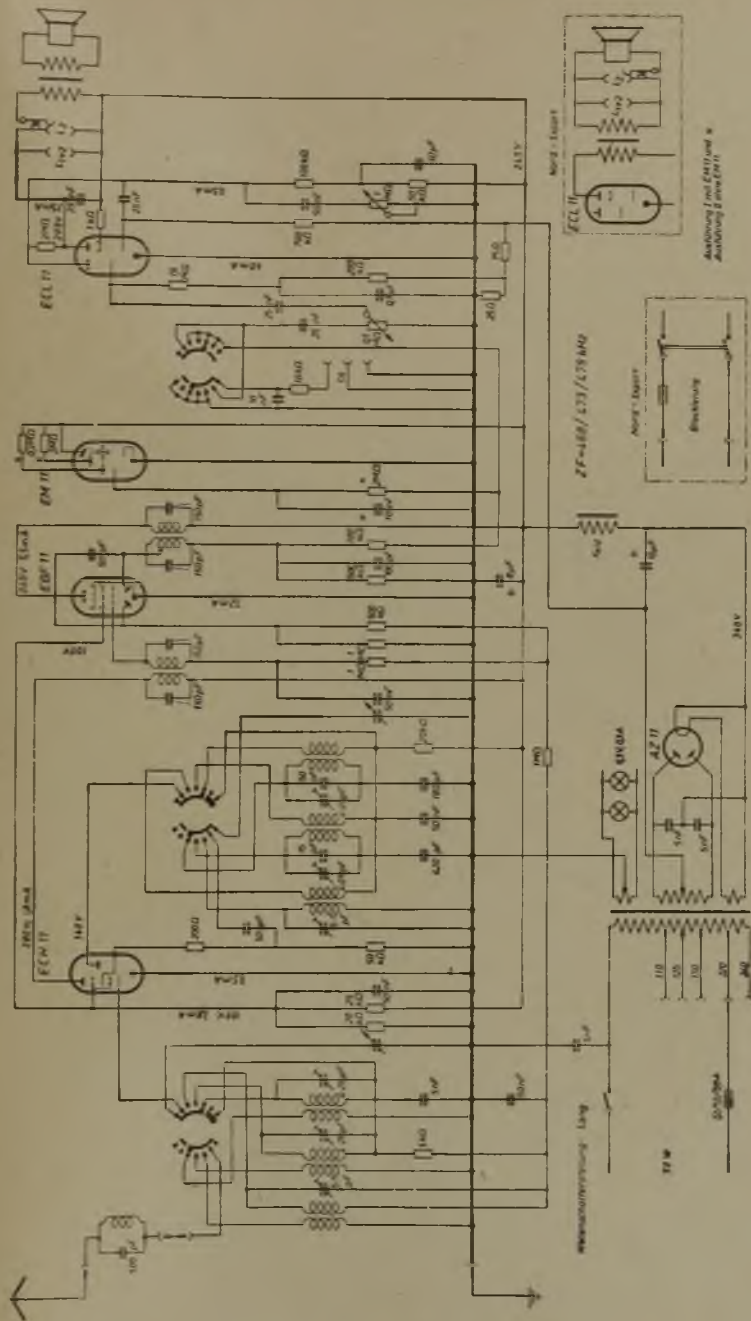
Schalter	1	2	3
Mittel	×	×	×
Lang	×	×	×
TA	×	×	×



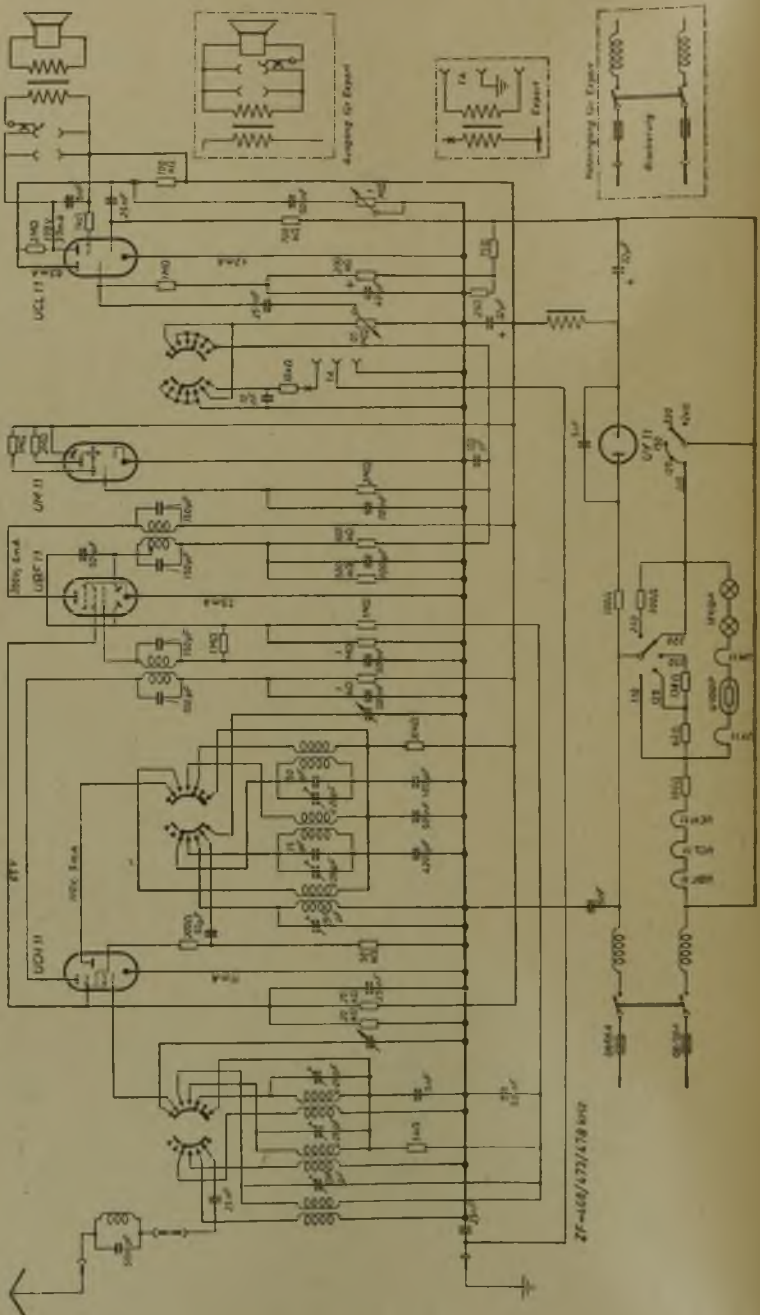


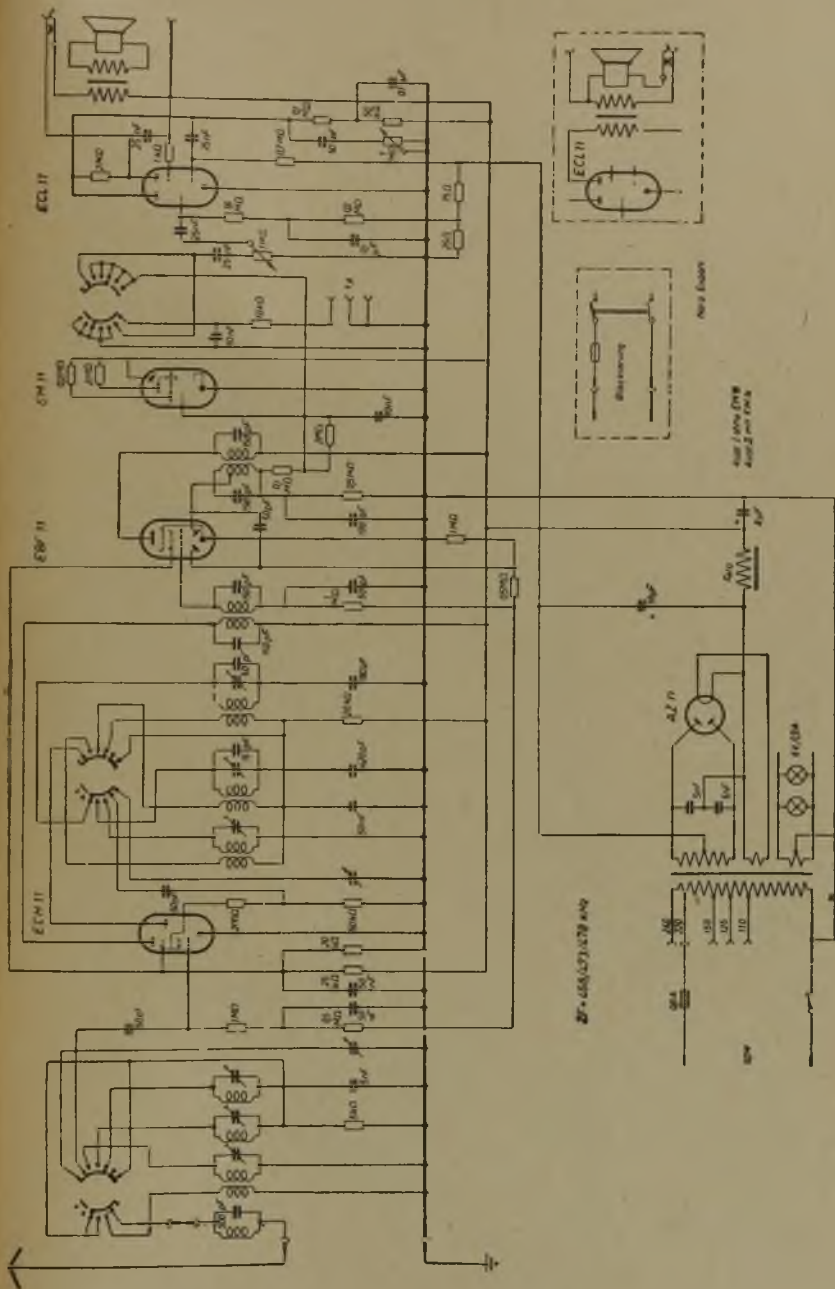
Schalter Nr.	1	2	3	4	5	6
18 - 25 m	X	X	X	X	X	X
35 - 65 m	X	X	X	X	X	X
100 - 600 m	X	X	X	X	X	X
700 - 2000 m	X	X	X	X	X	X

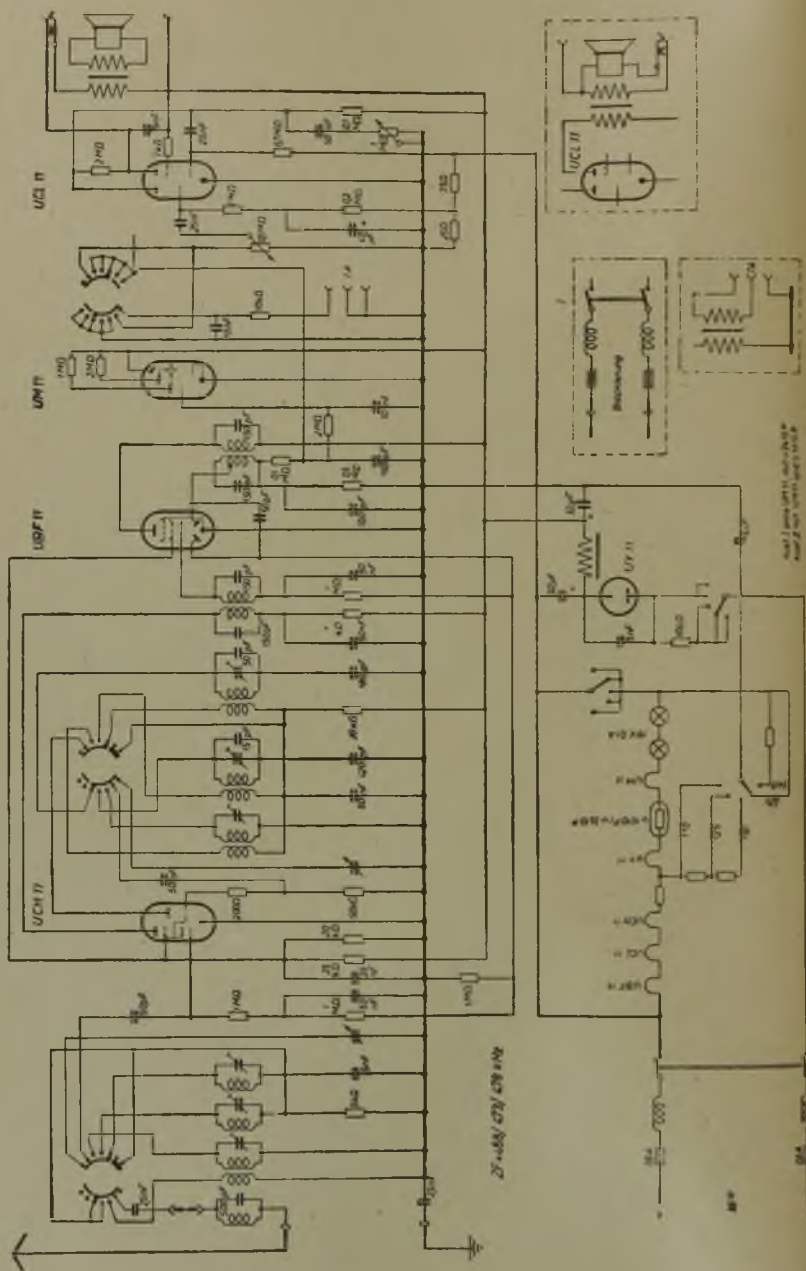


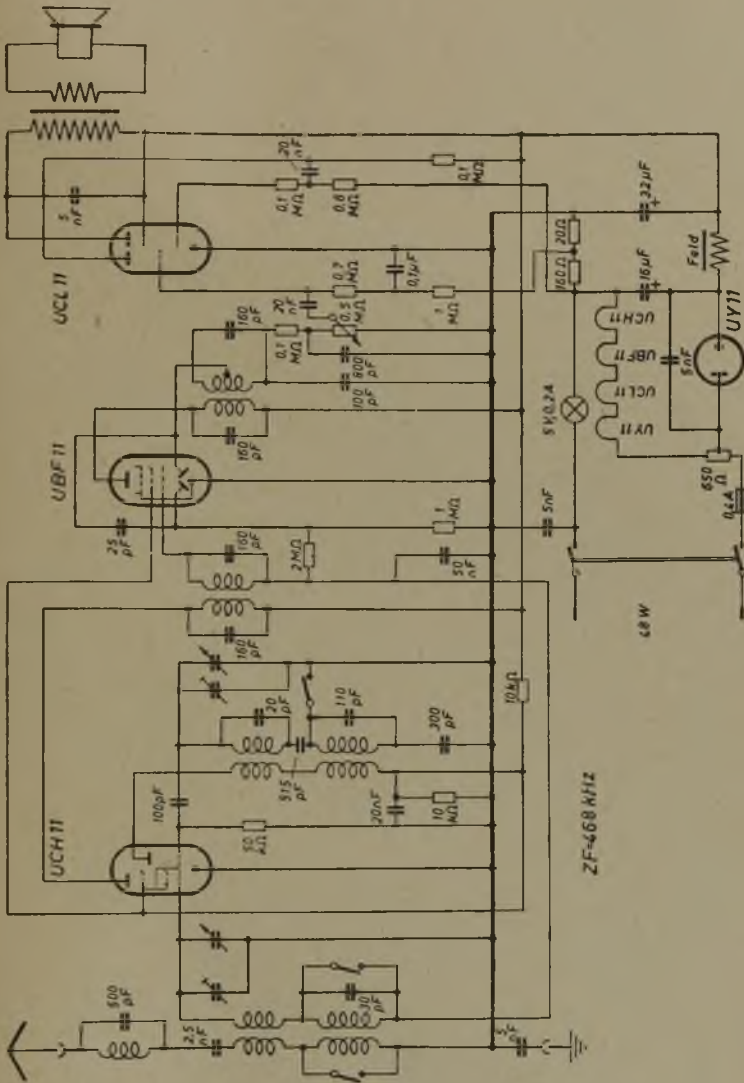


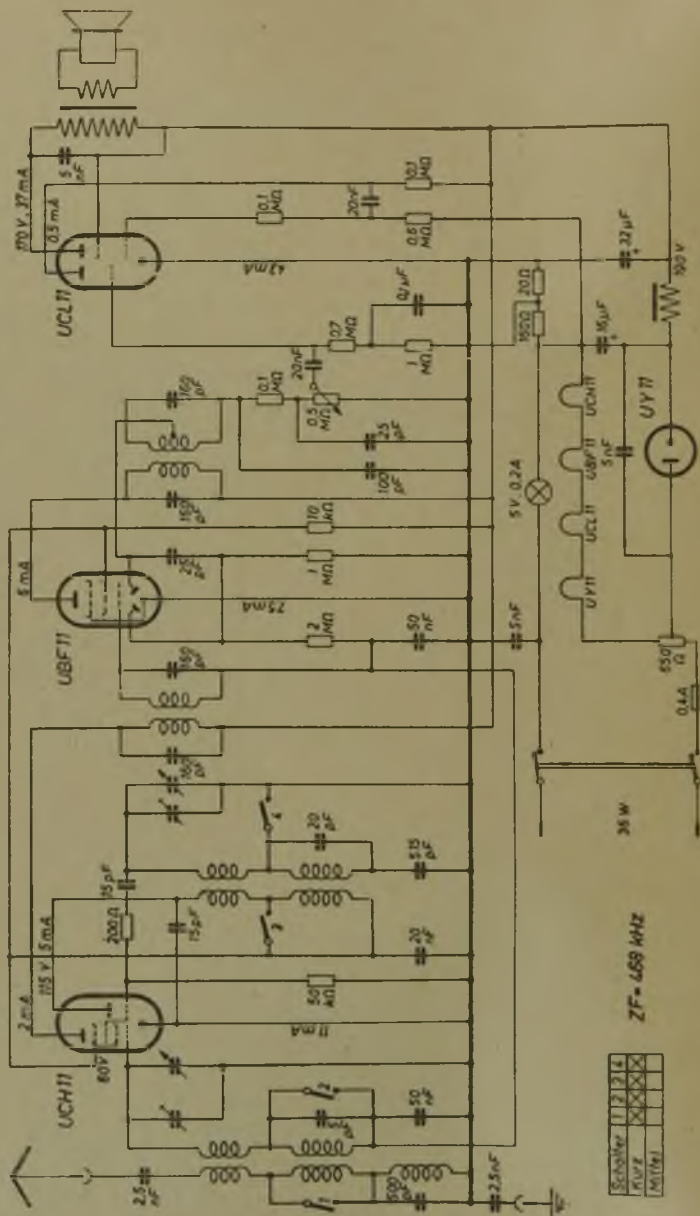
Tefag 30 A und 30 / II A

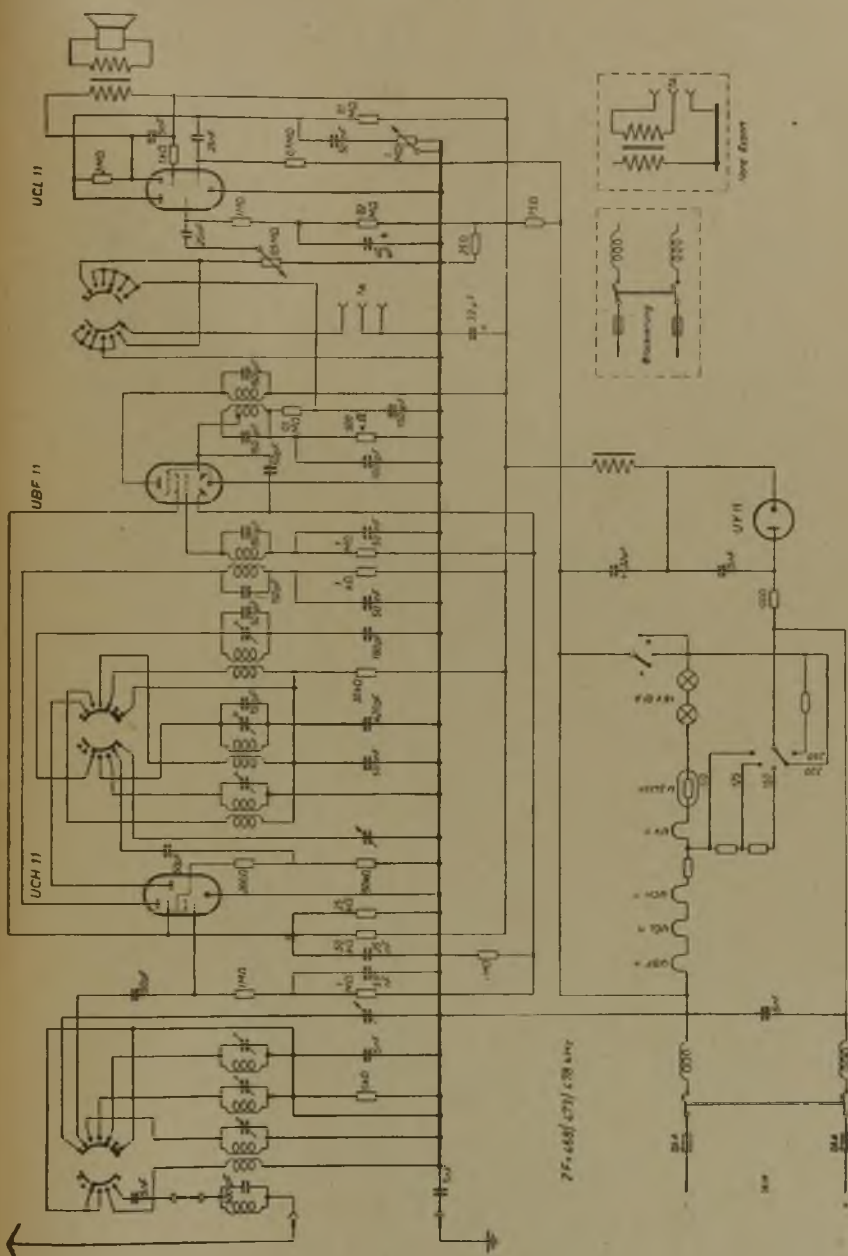




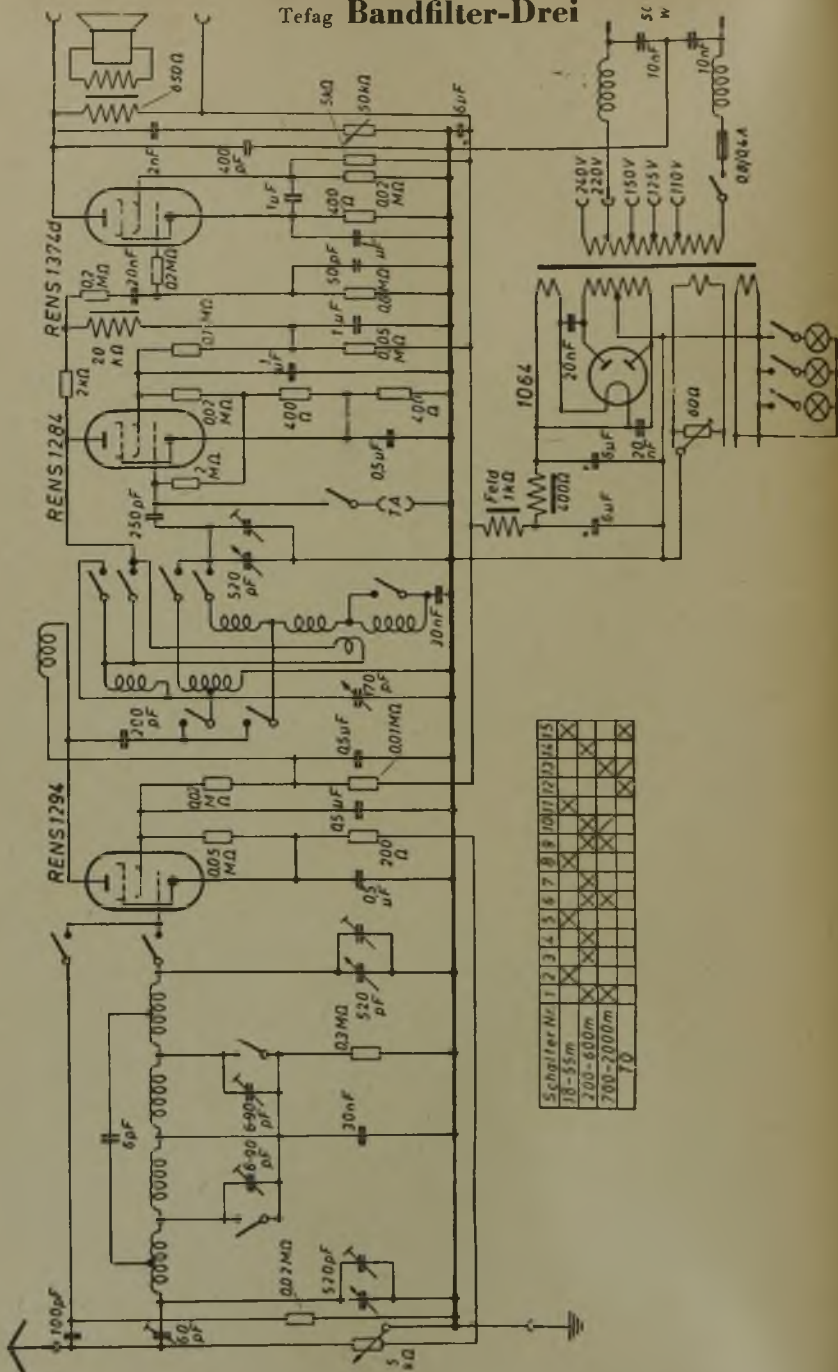




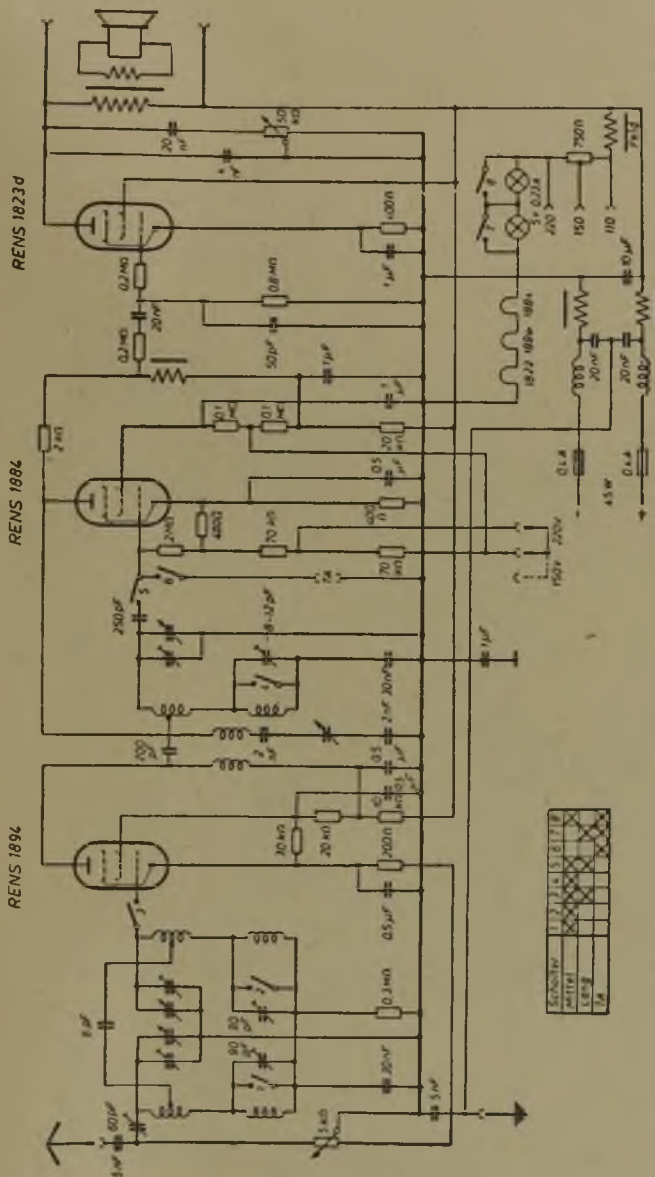


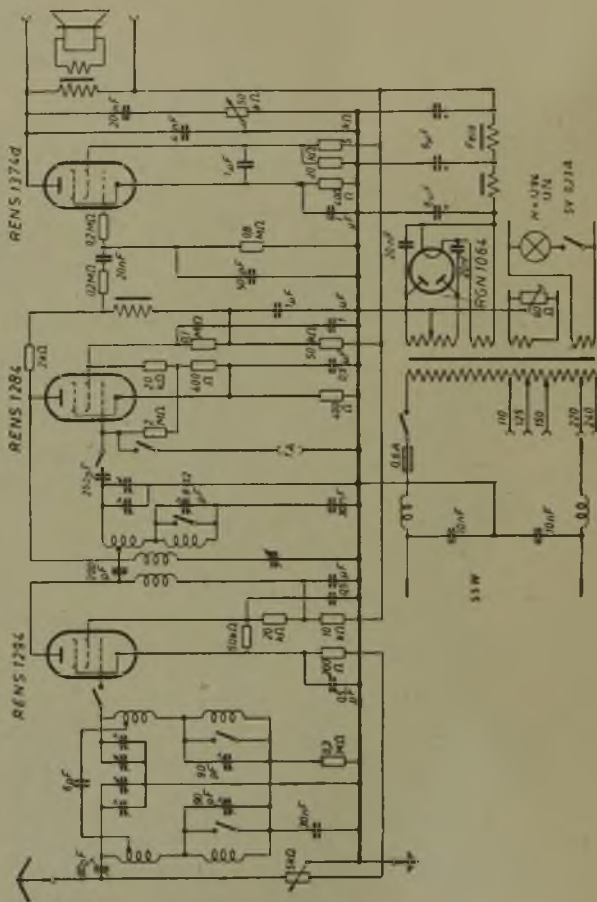


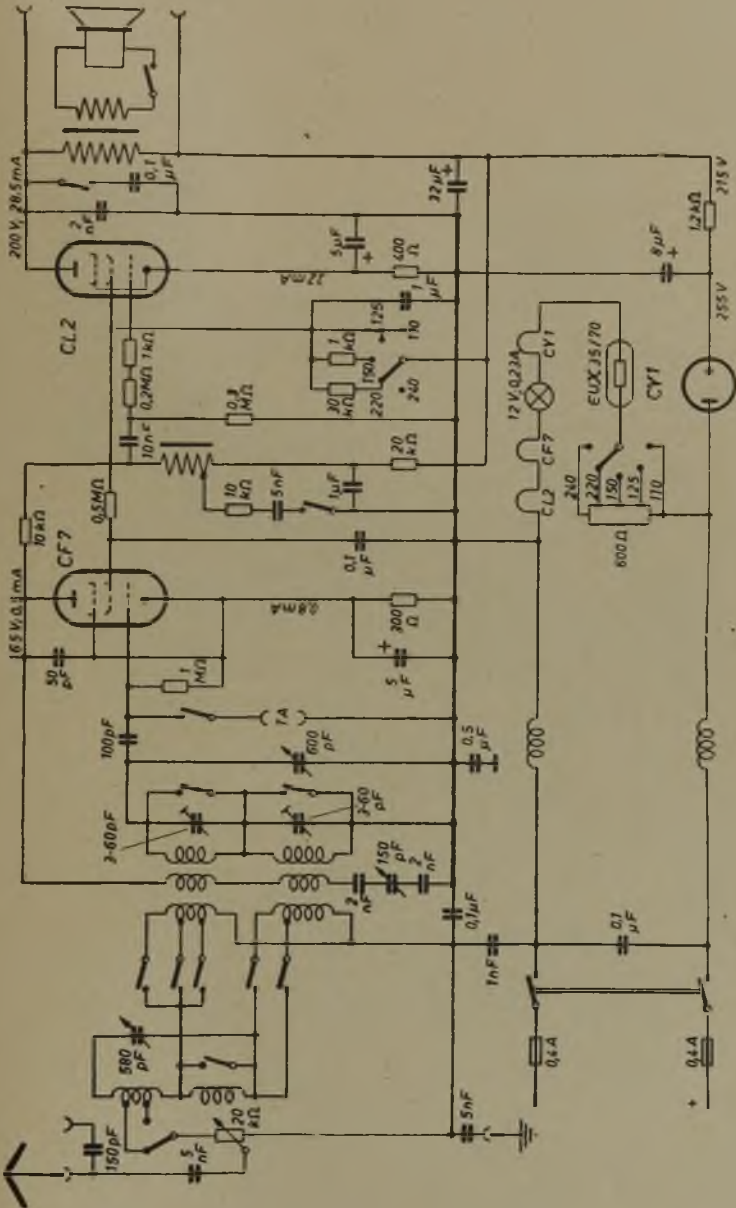
Tefag Bandfilter-Drei

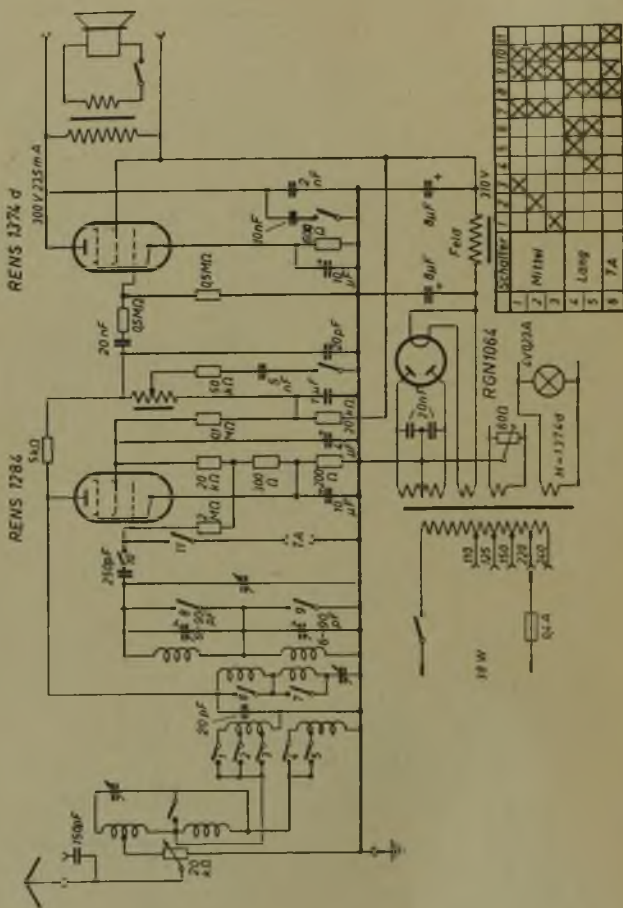


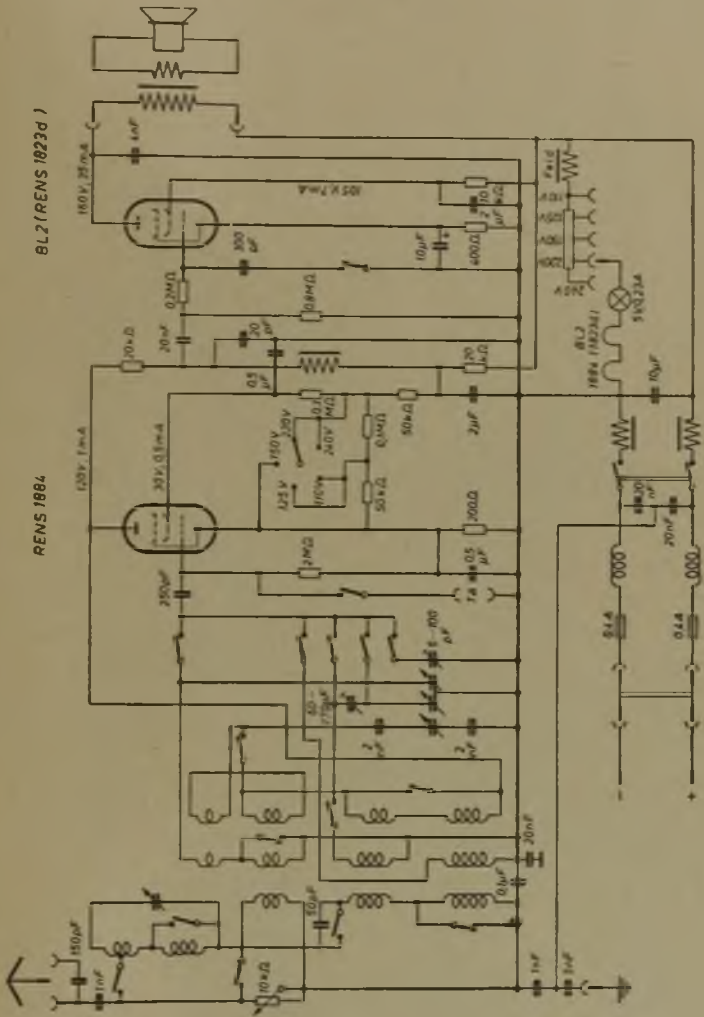
Schalter Nr	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
18-55m															
200-600m															
700-2000m															

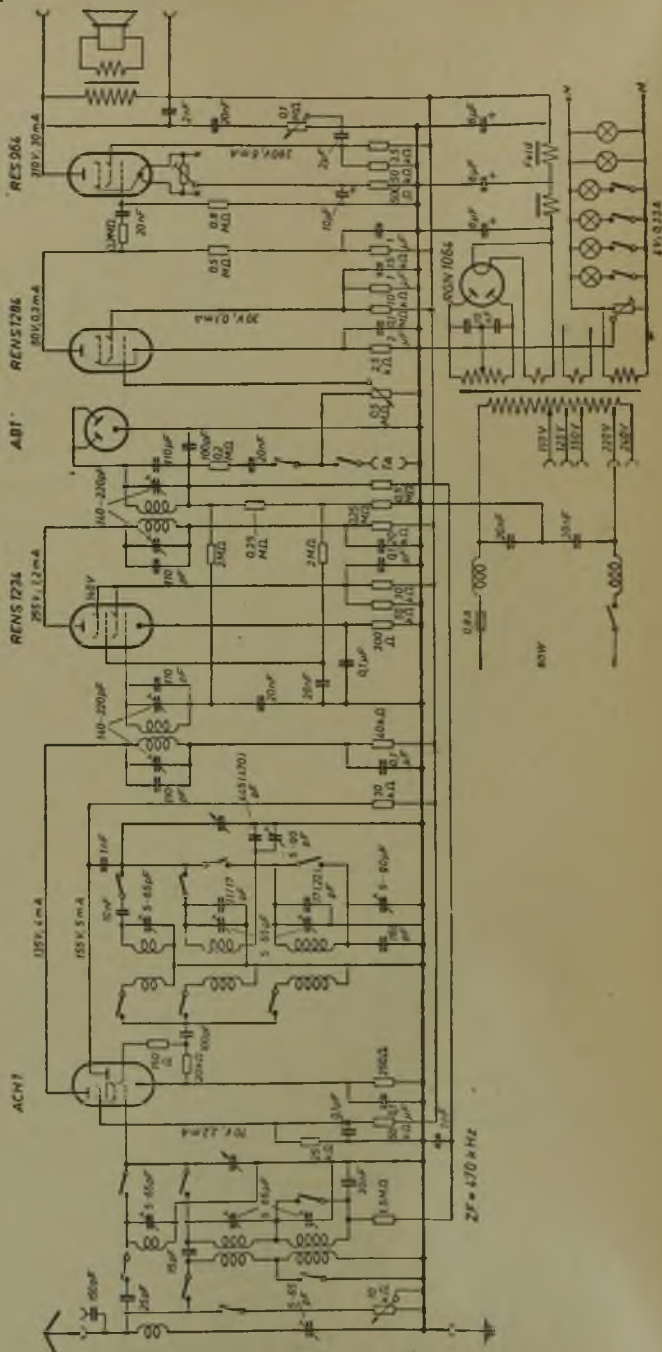




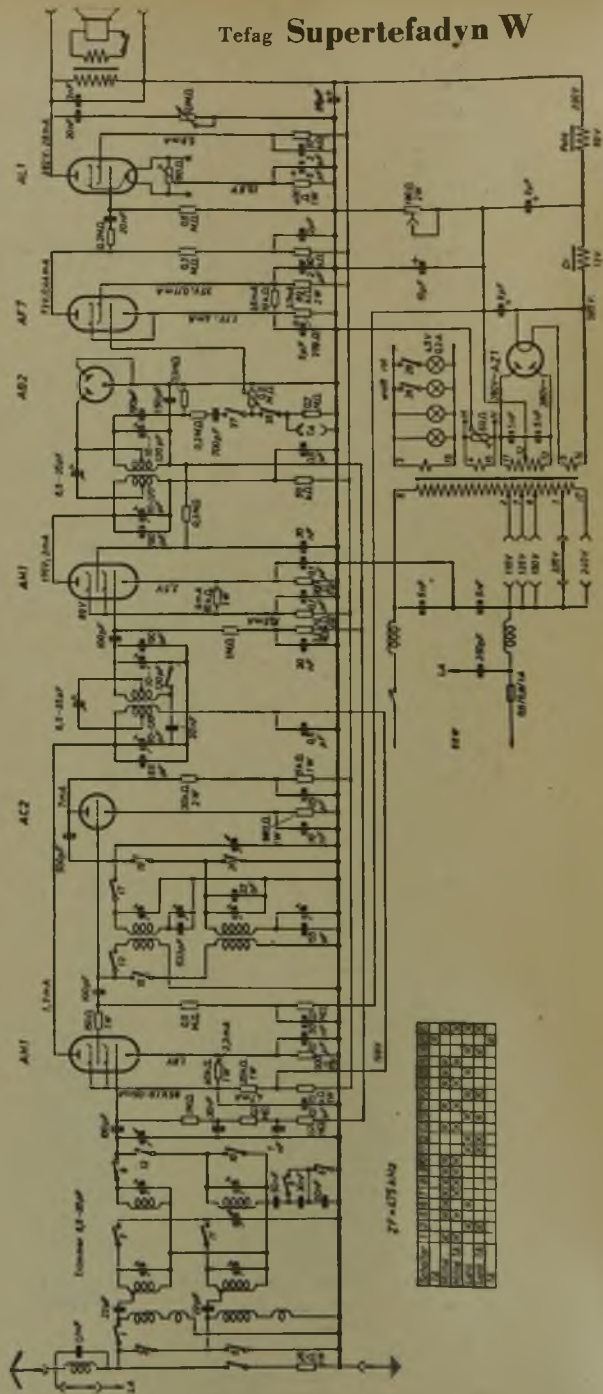






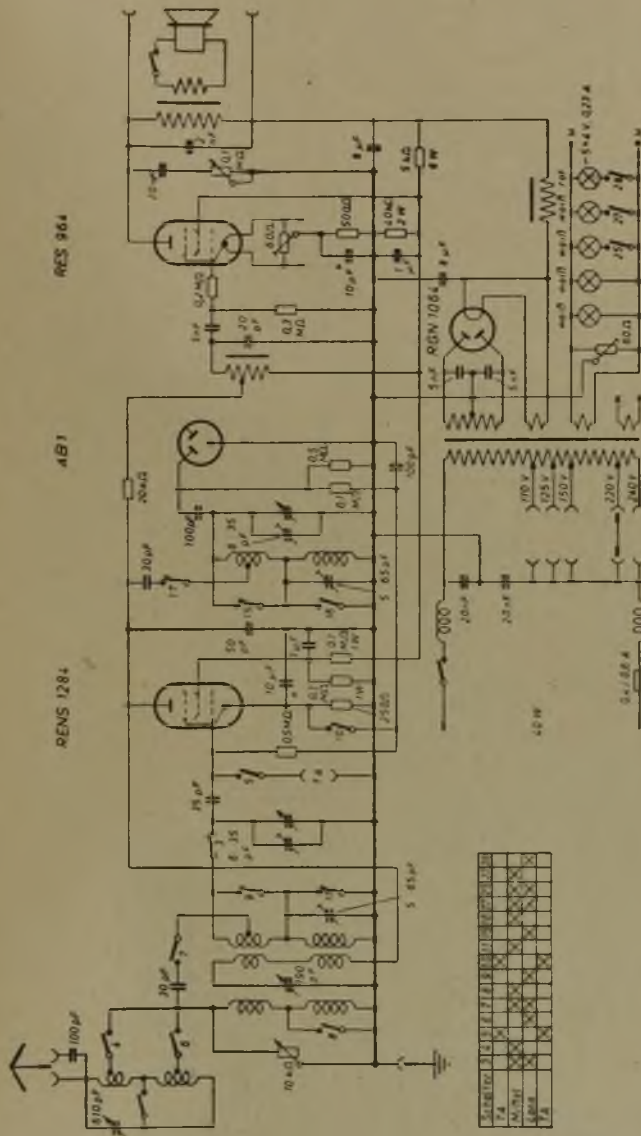


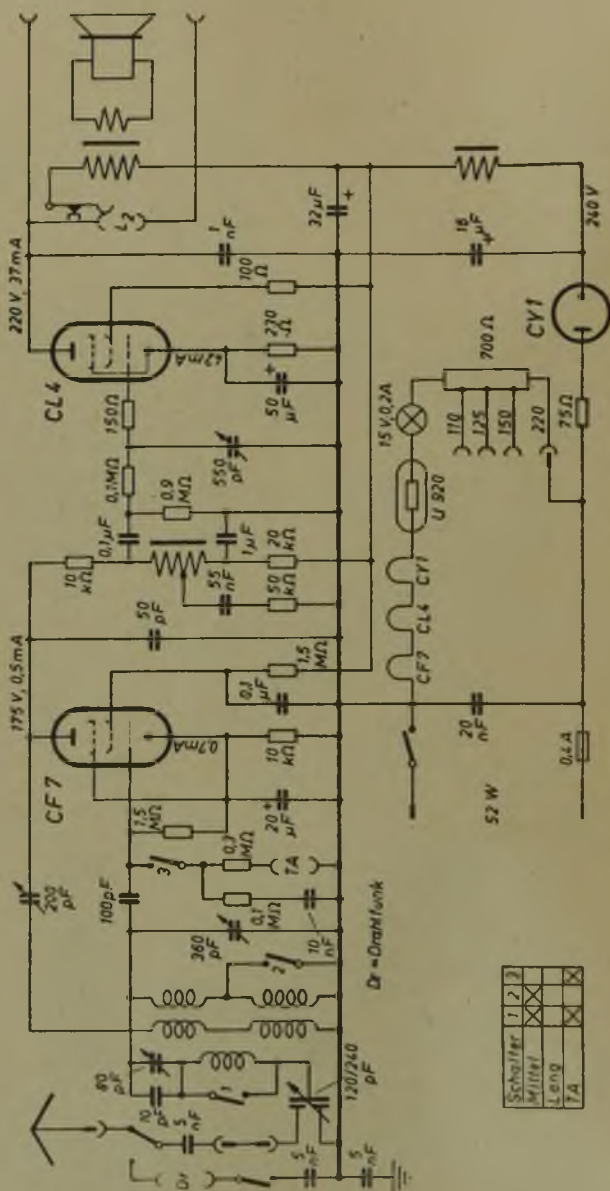
Tefag Supertefadyn W

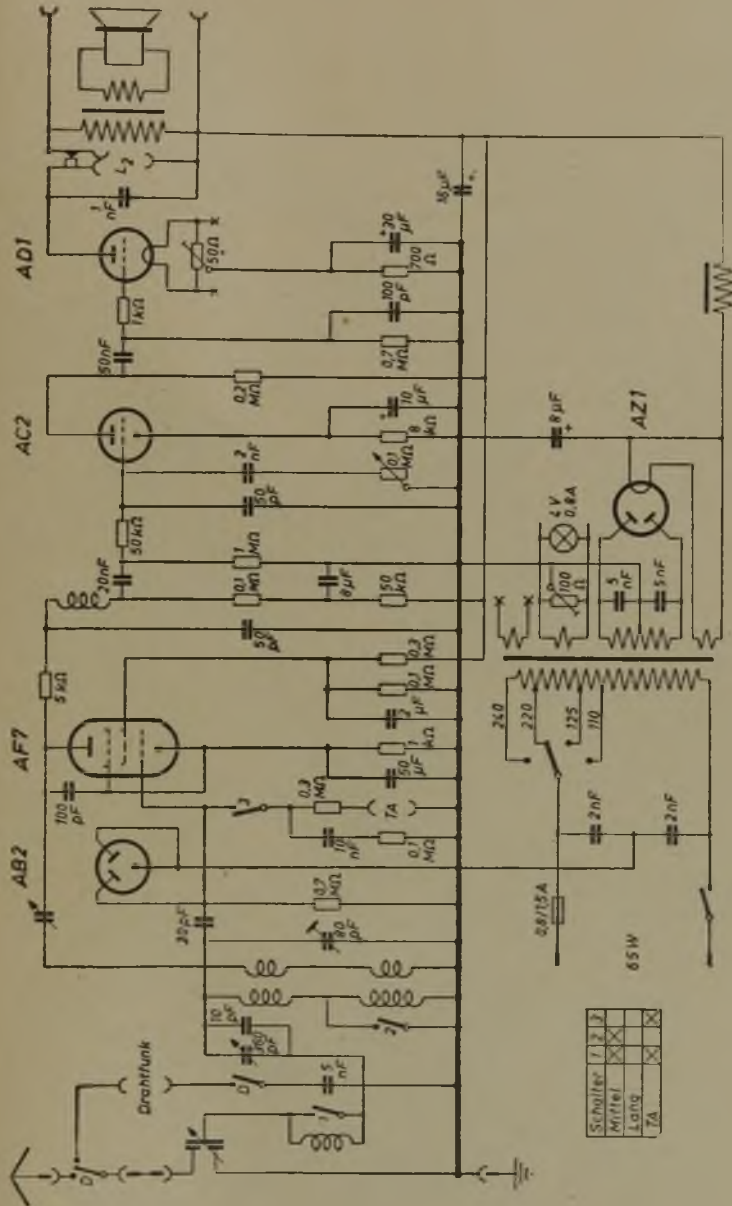


27-475.6-62

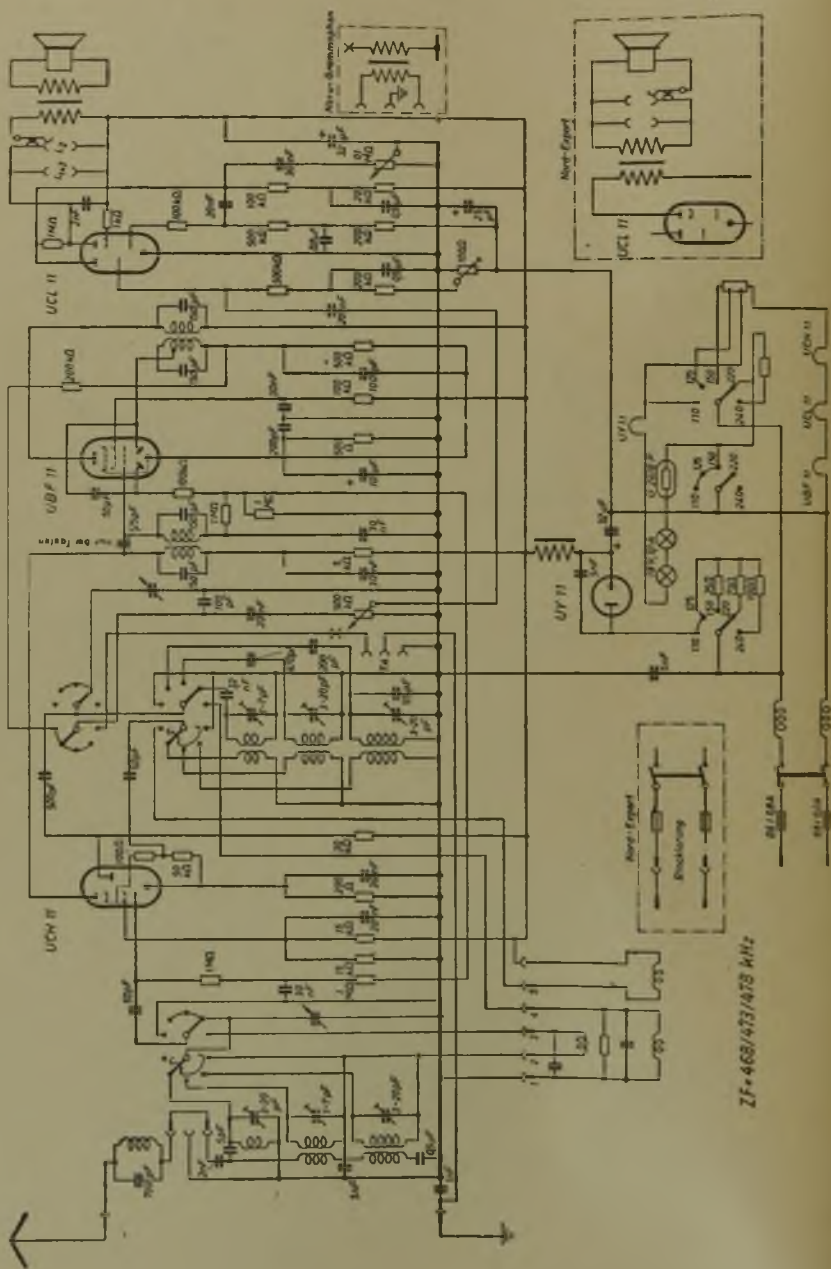
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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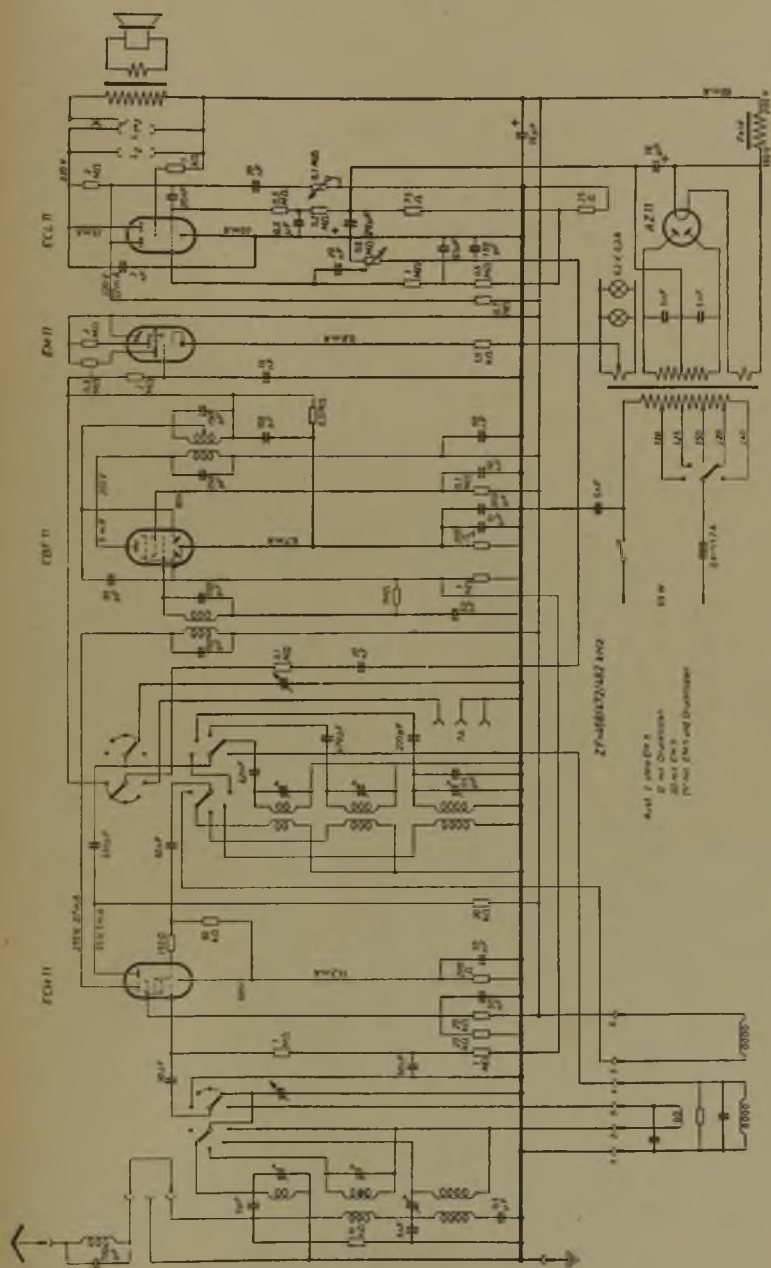


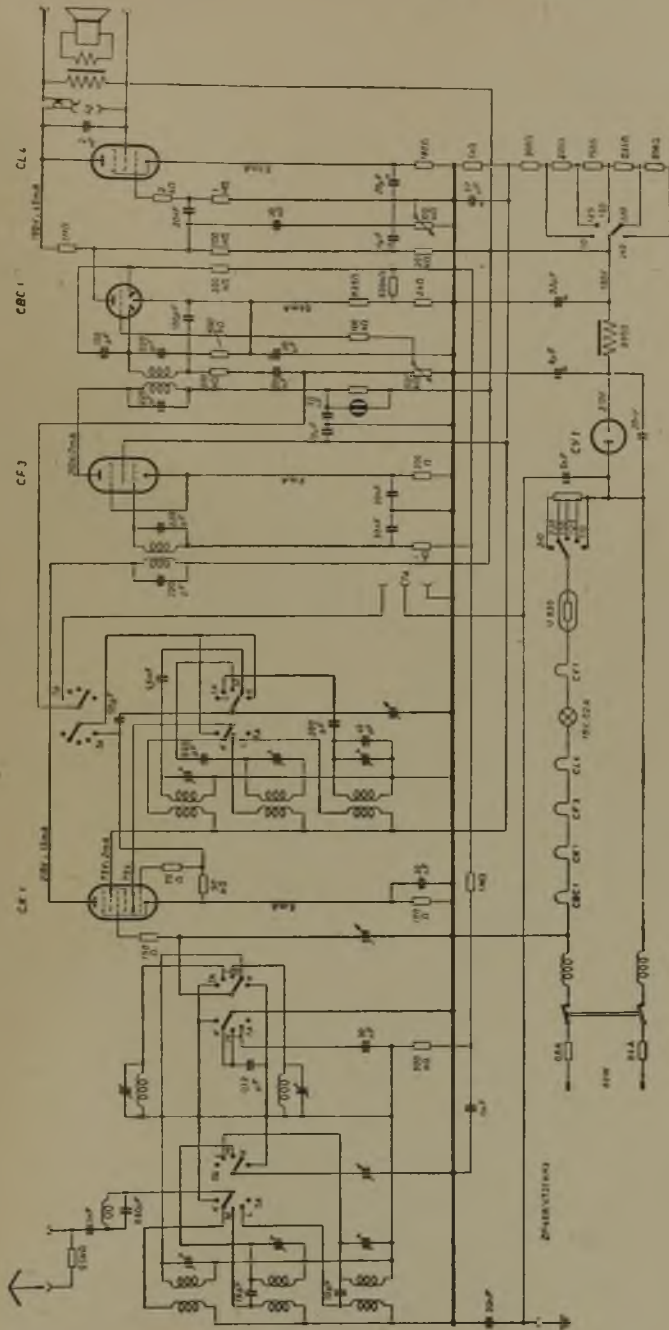
Tefag Tefadyn 150 A (Ausführung I und II)



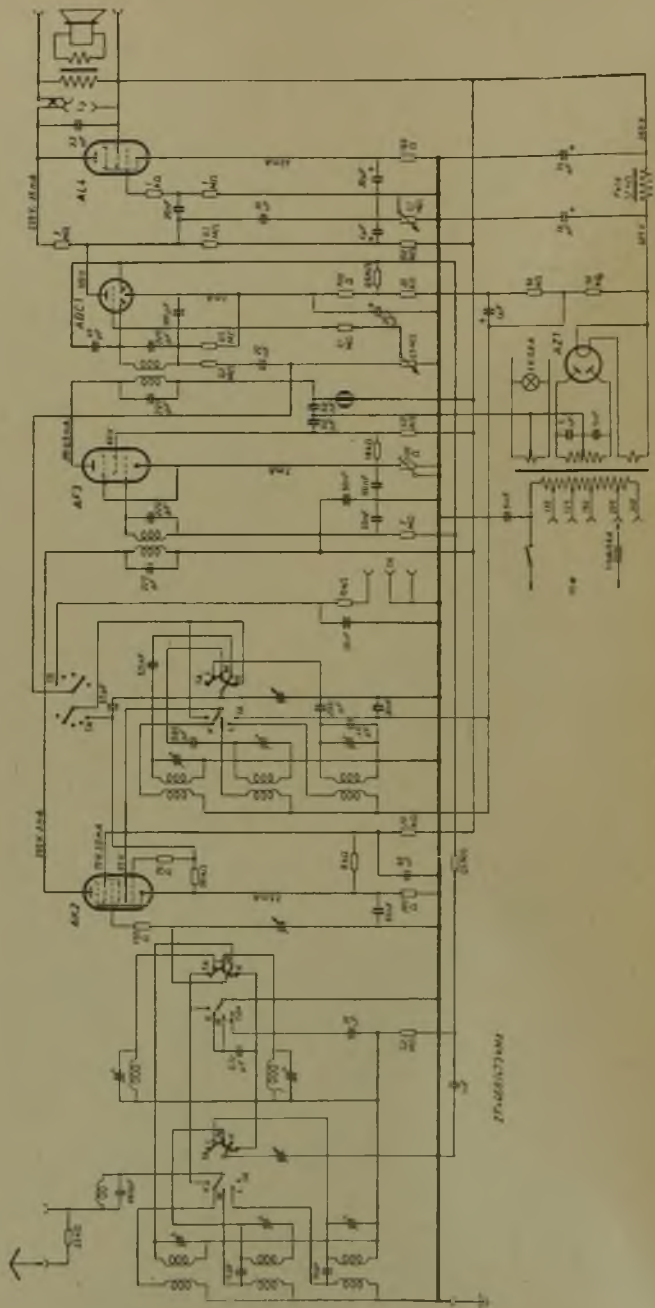
ZF = 468/473/478 kHz

Tefag Tefadyn 150 W (Ausführung I-IV)

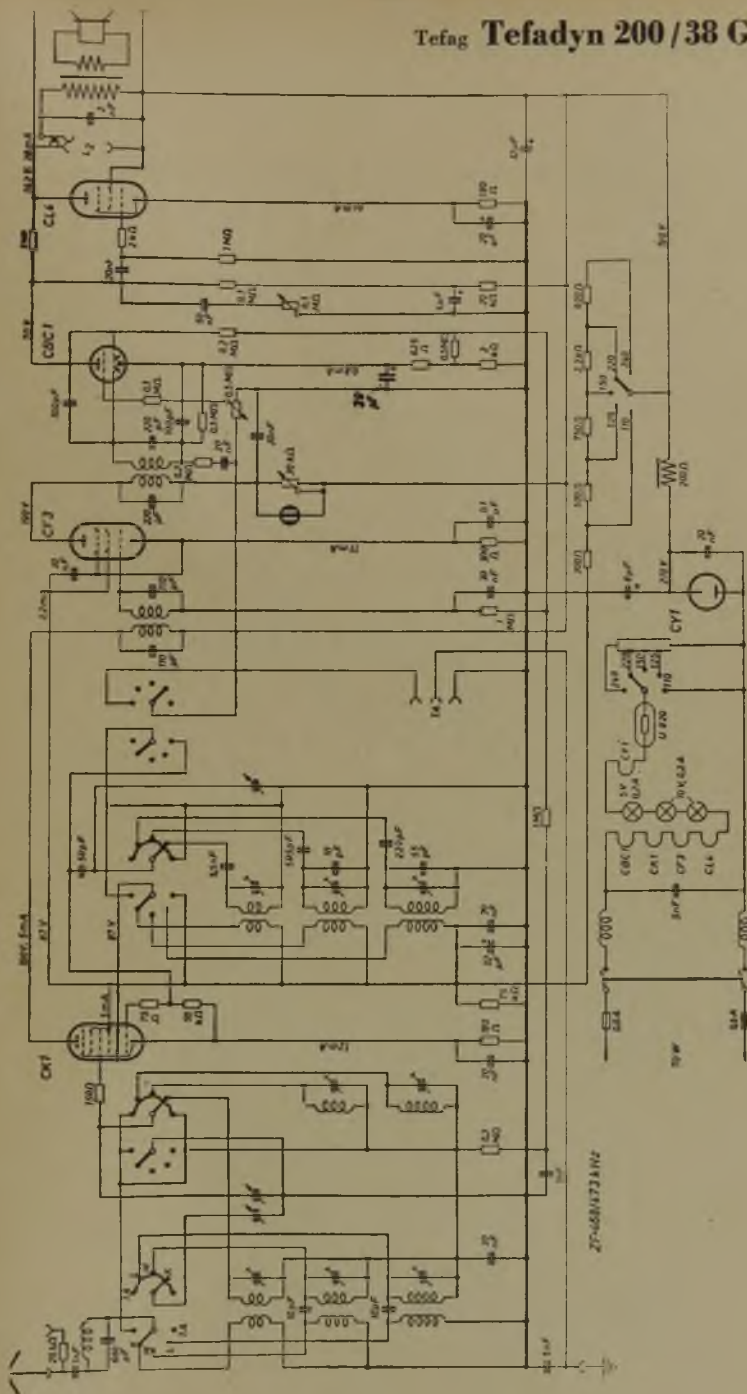




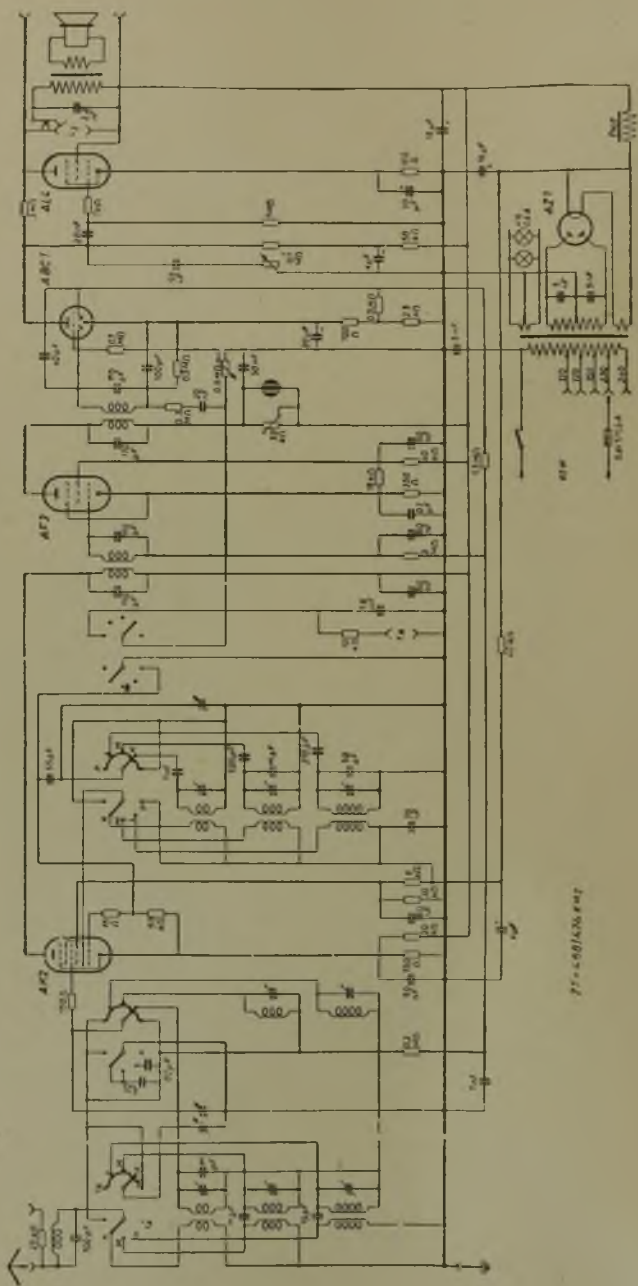
Tefag Tefadyn 200 W



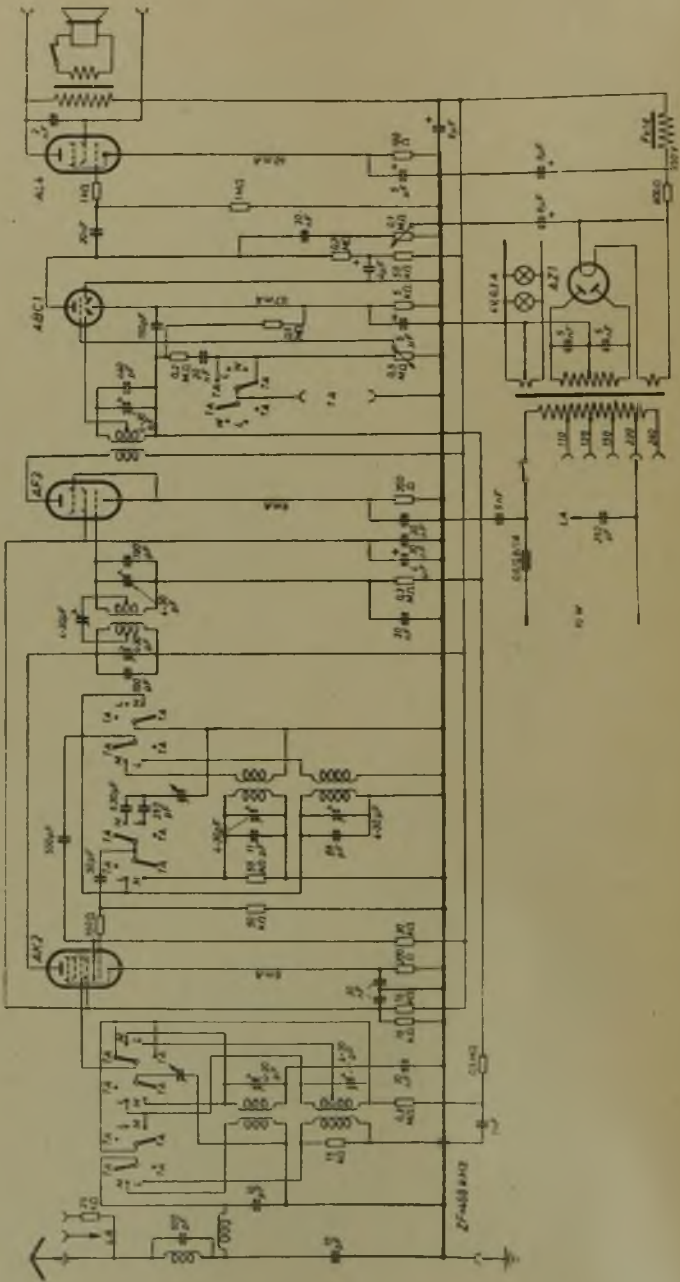
Tefag Tefadyn 200 / 38 GW

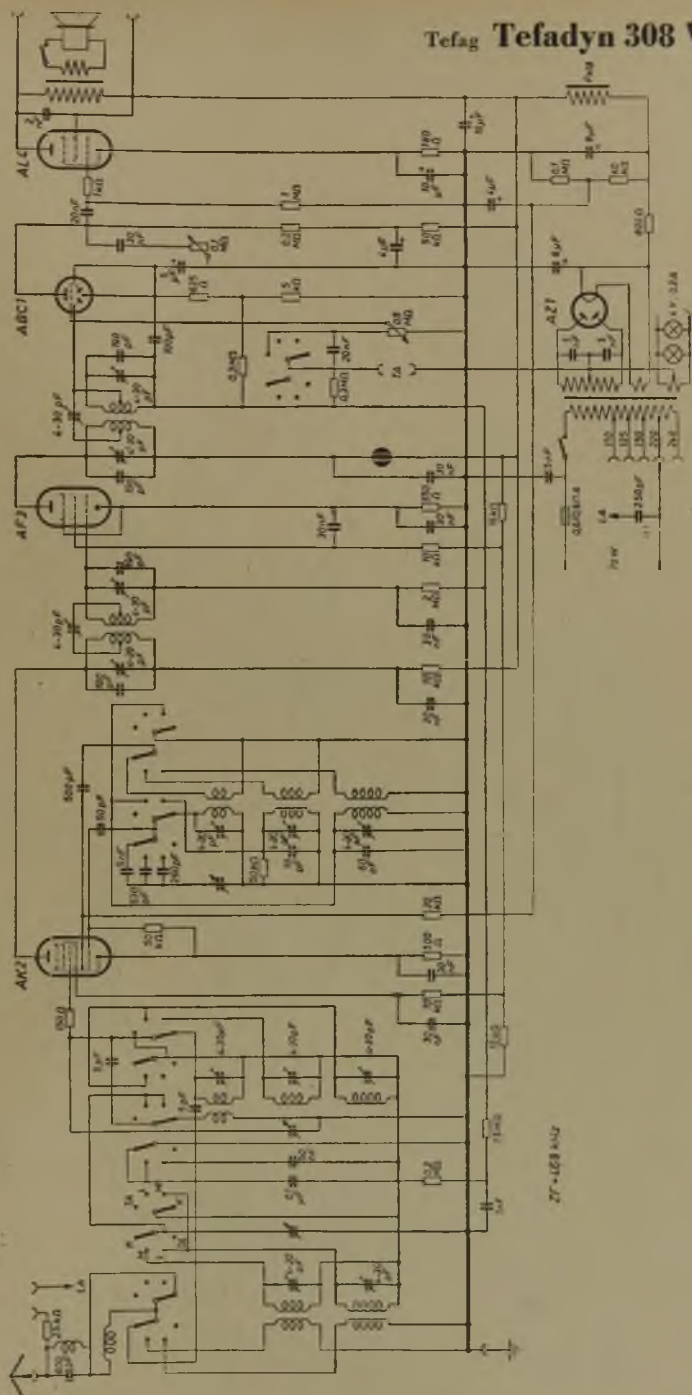


Tefag **Tefadyn 200 / 38 W**

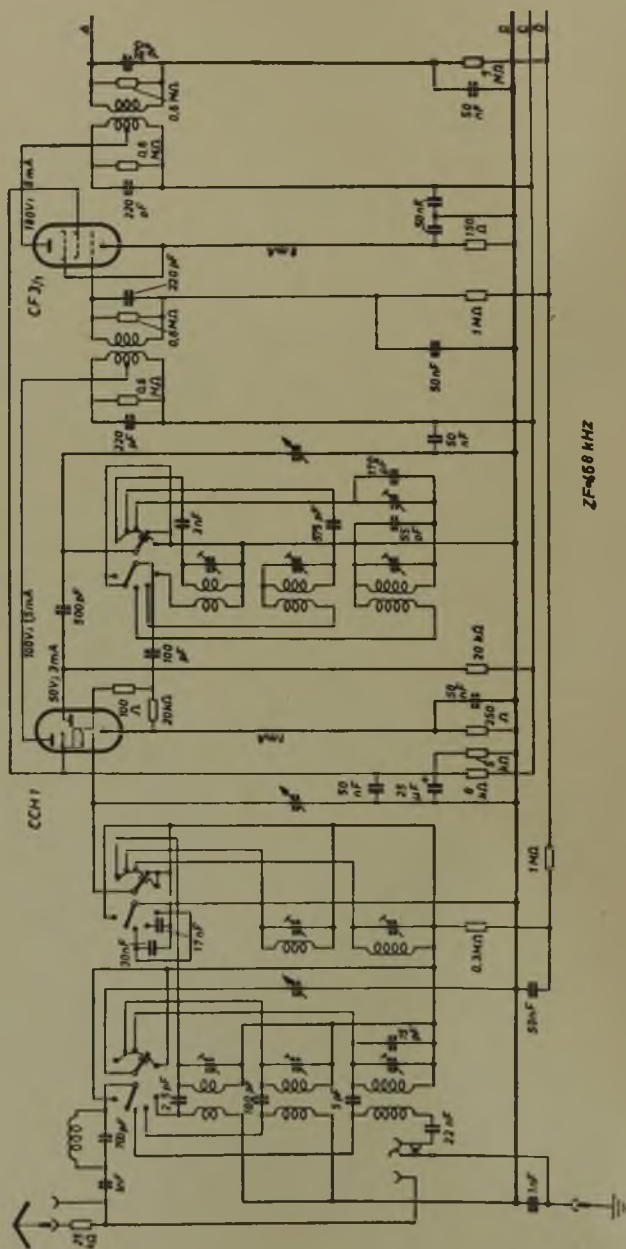


Tefag Tefadyn 268 W



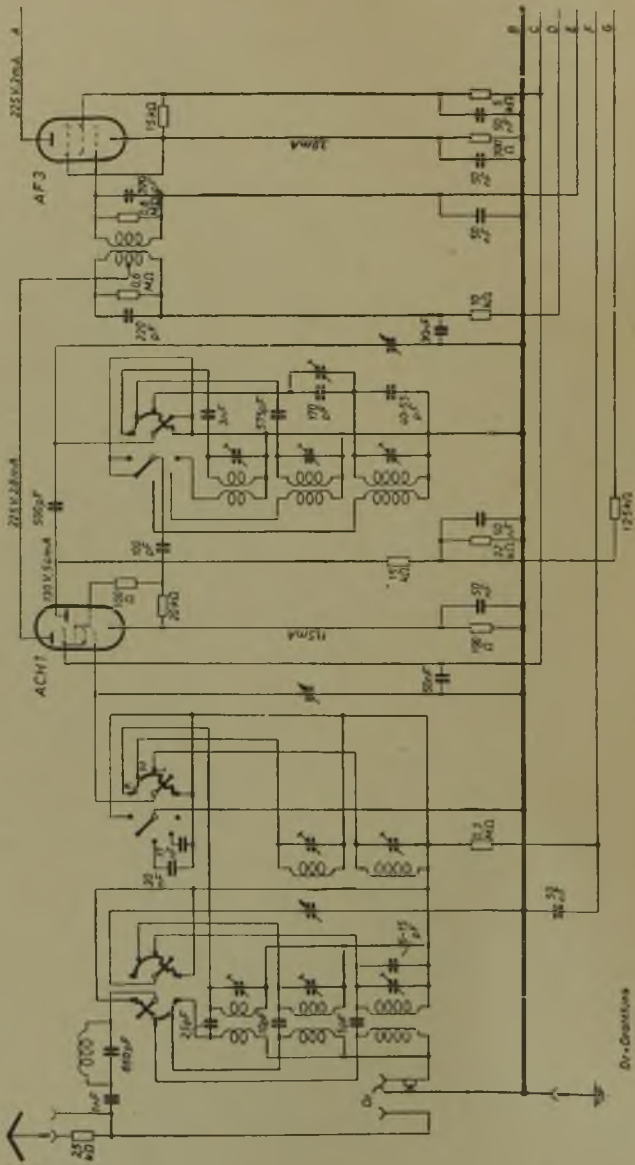


Tefag **Tefadyn 338 GW**
 (linke Seite des Schaltbildes)

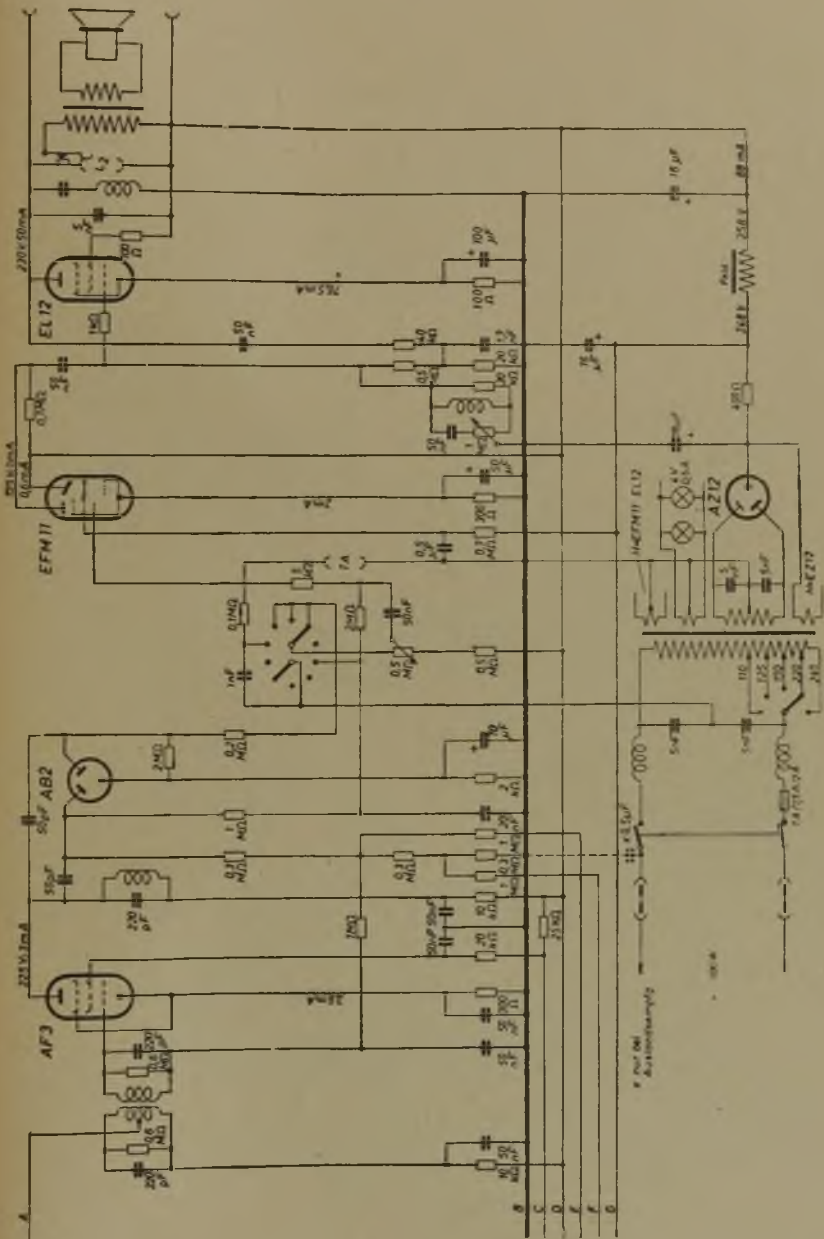


Tefag Tefadyn 338 W

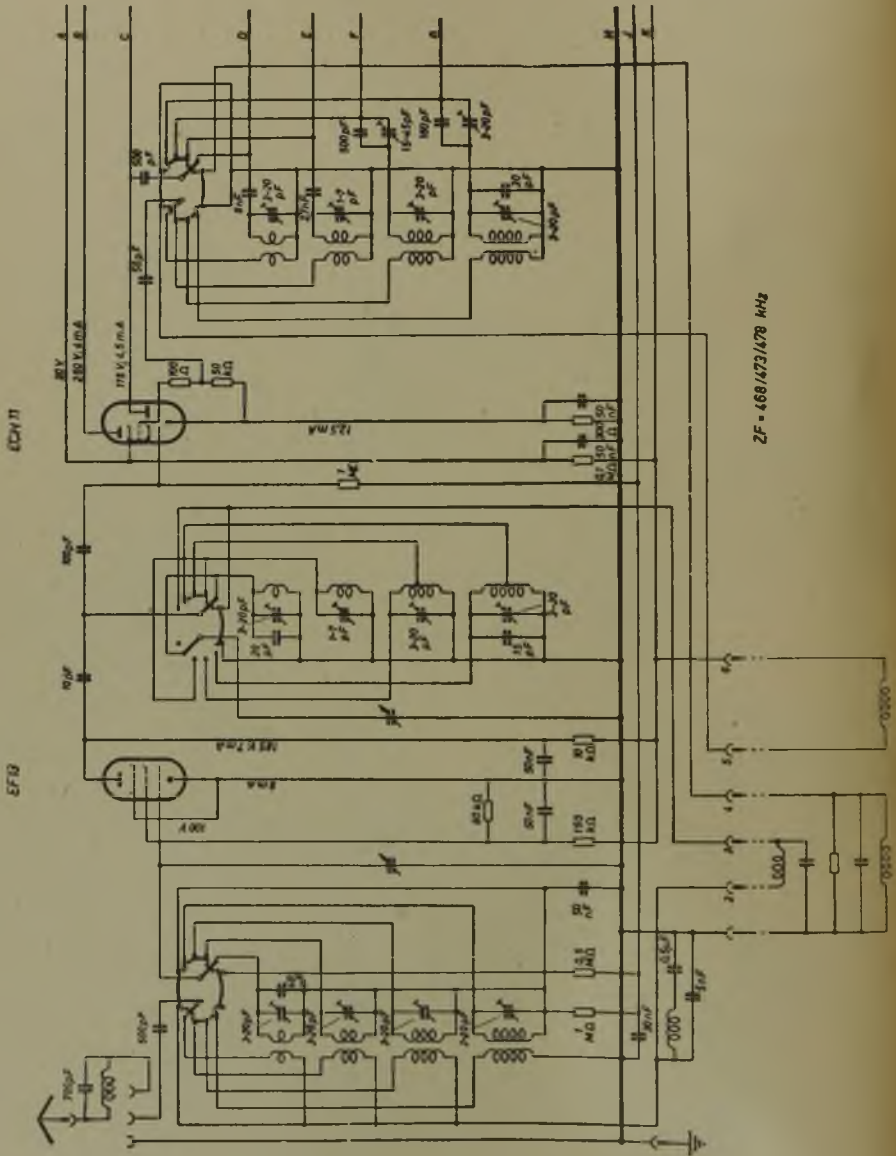
(linke Seite des Schaltbildes)



Tefag **Tefdyn 338 W**
 (rechte Seite des Schaltbildes)



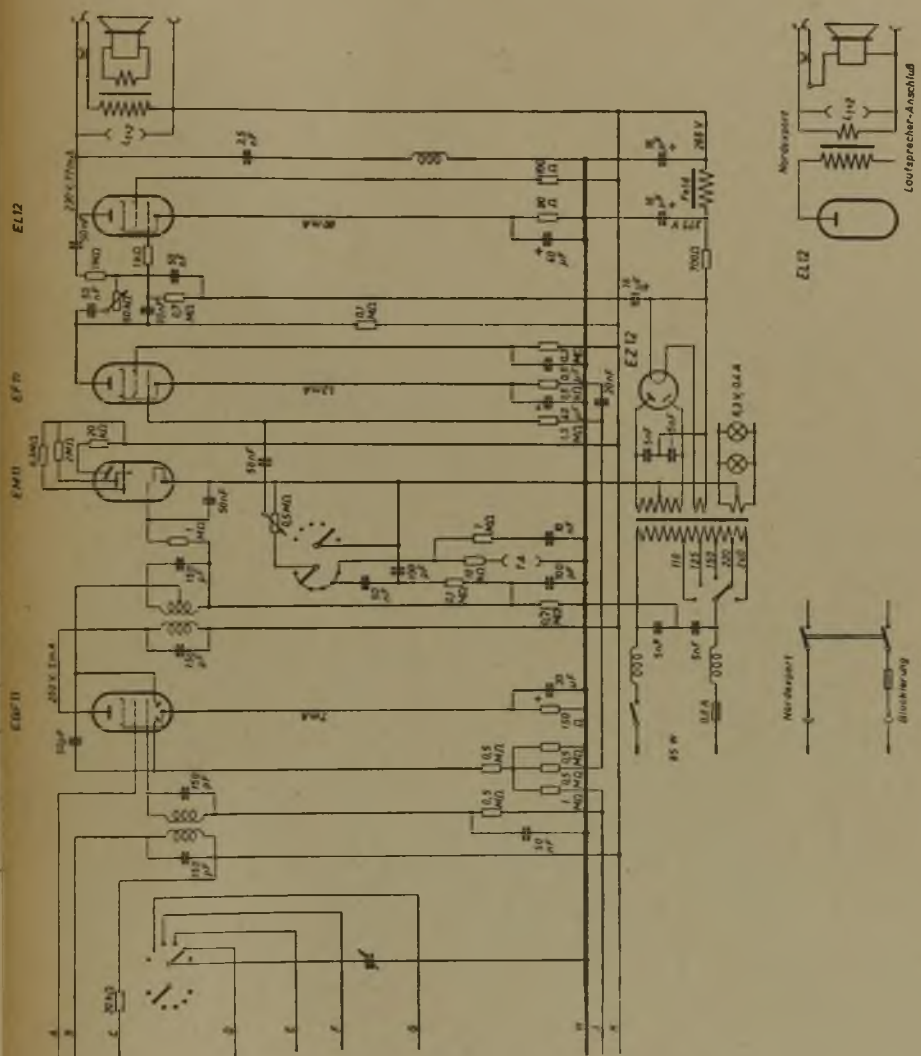
Tefag **Tefadyn 340 W und 8 W 35**
 (linke Seite des Schaltbildes)

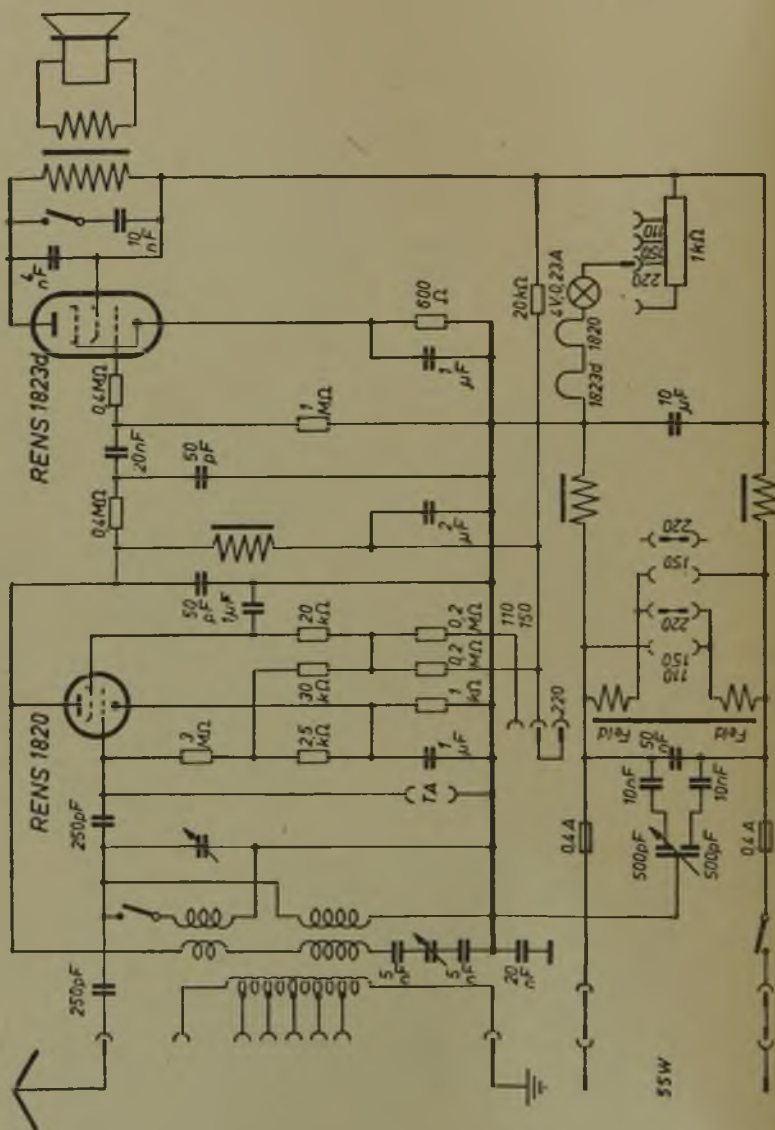


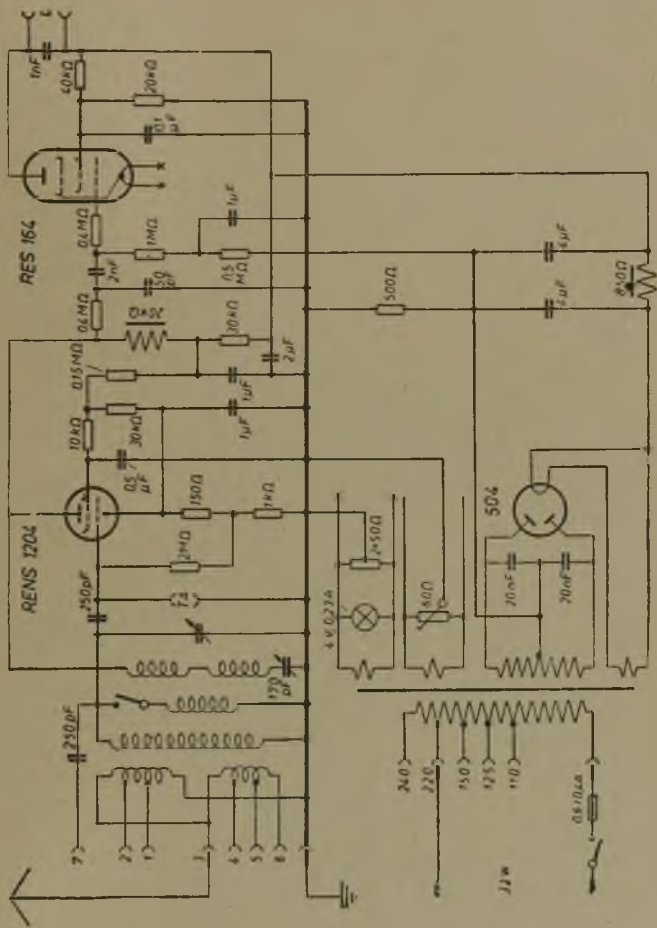
2F = 468 / 473 / 478 MHz

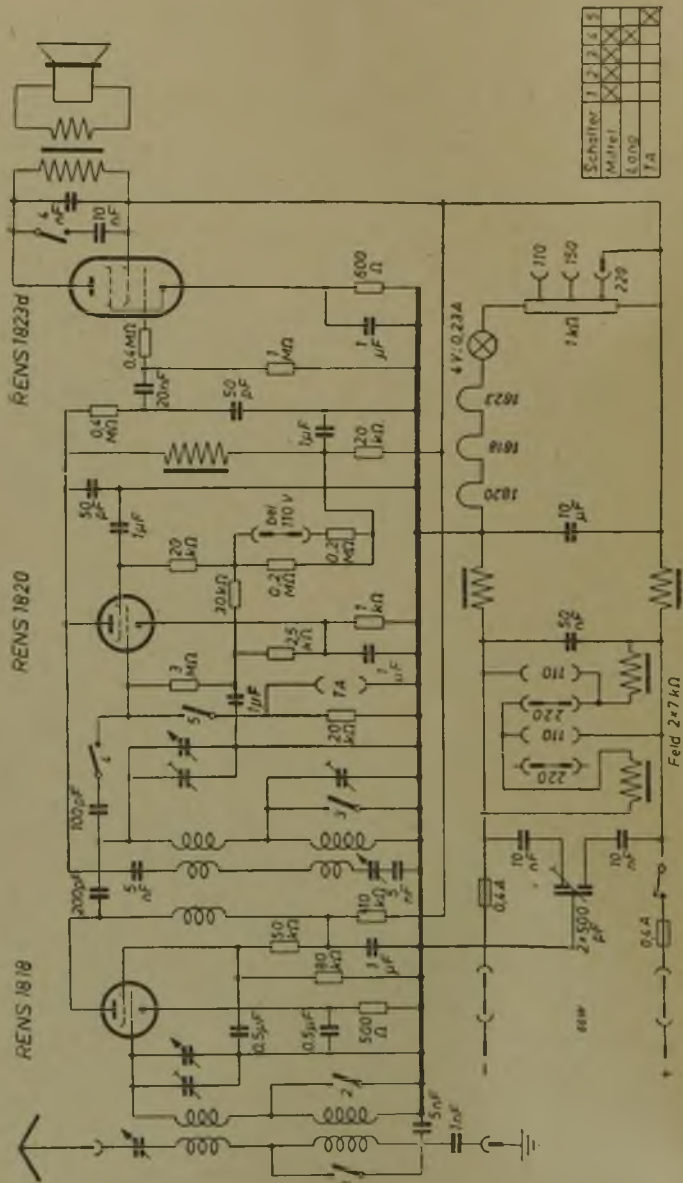
Tefag Tefadyn 340 W und 8 W 35

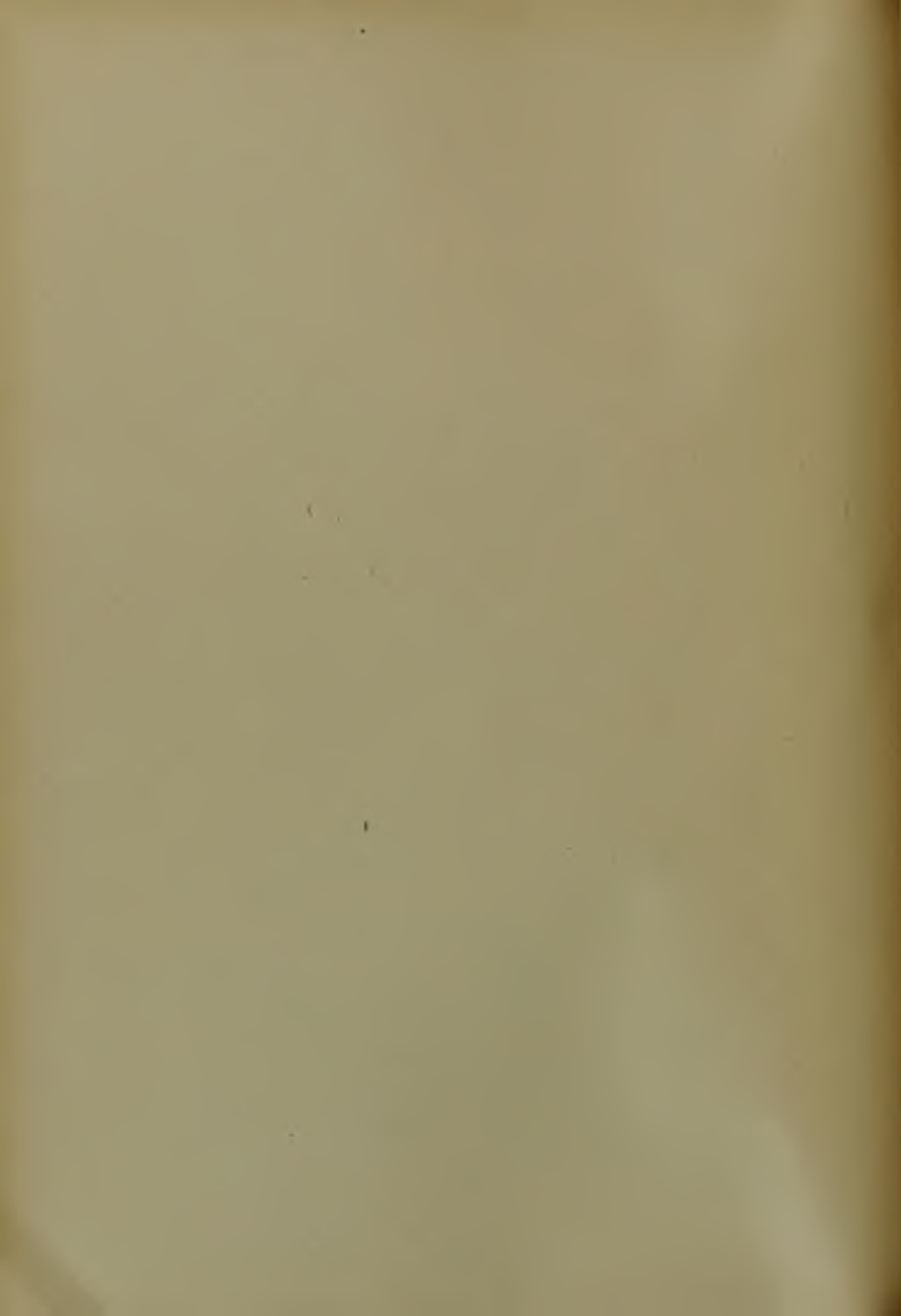
(rechte Seite des Schaltbildes)





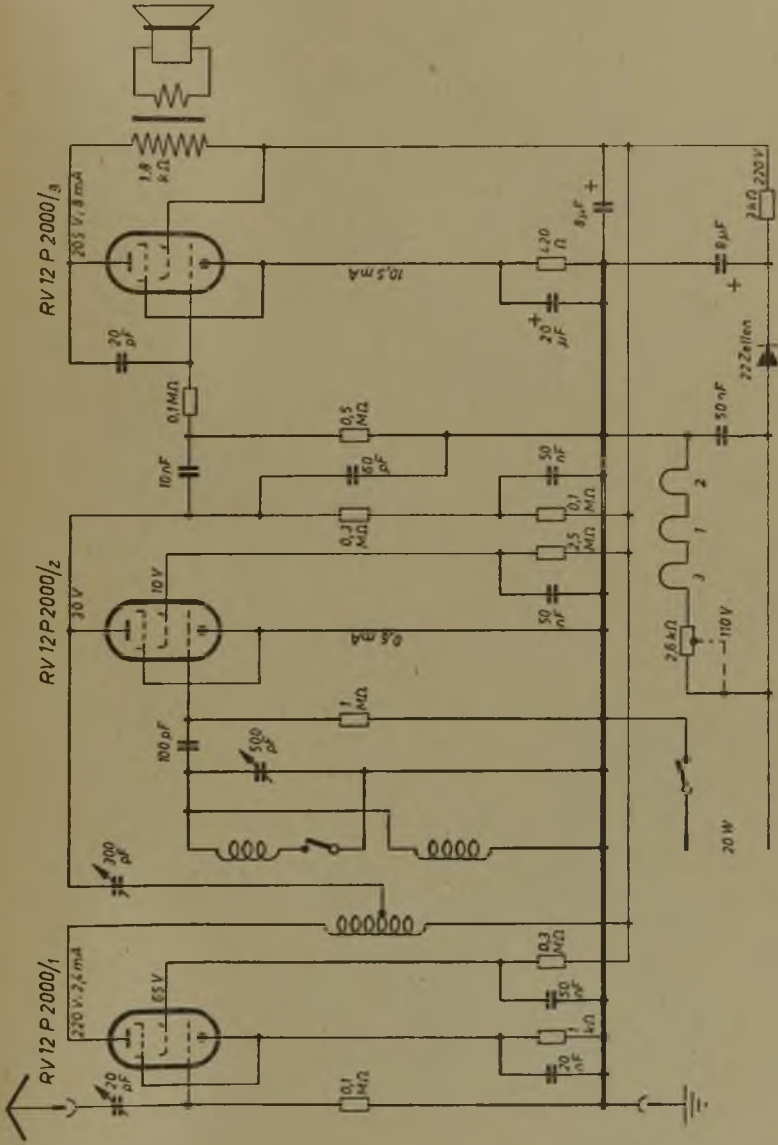


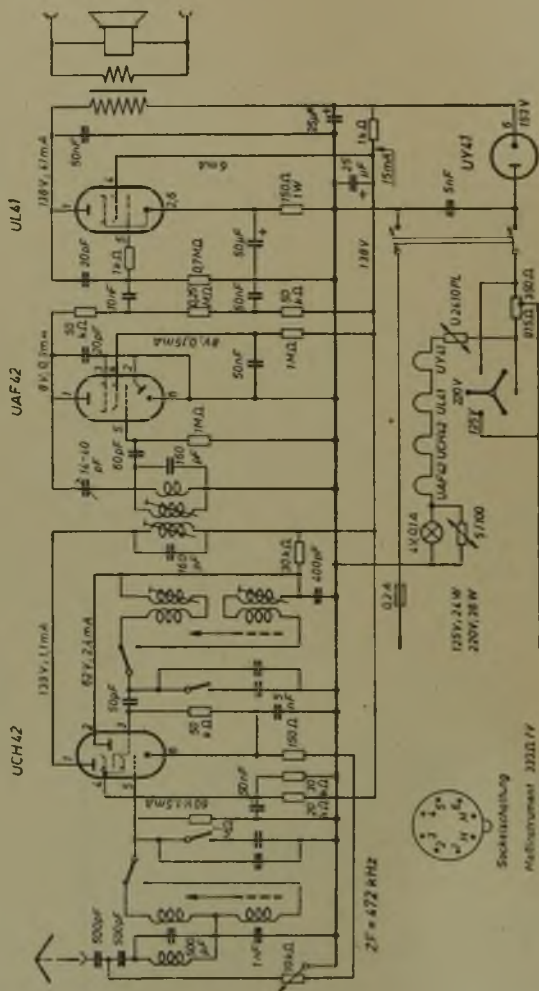




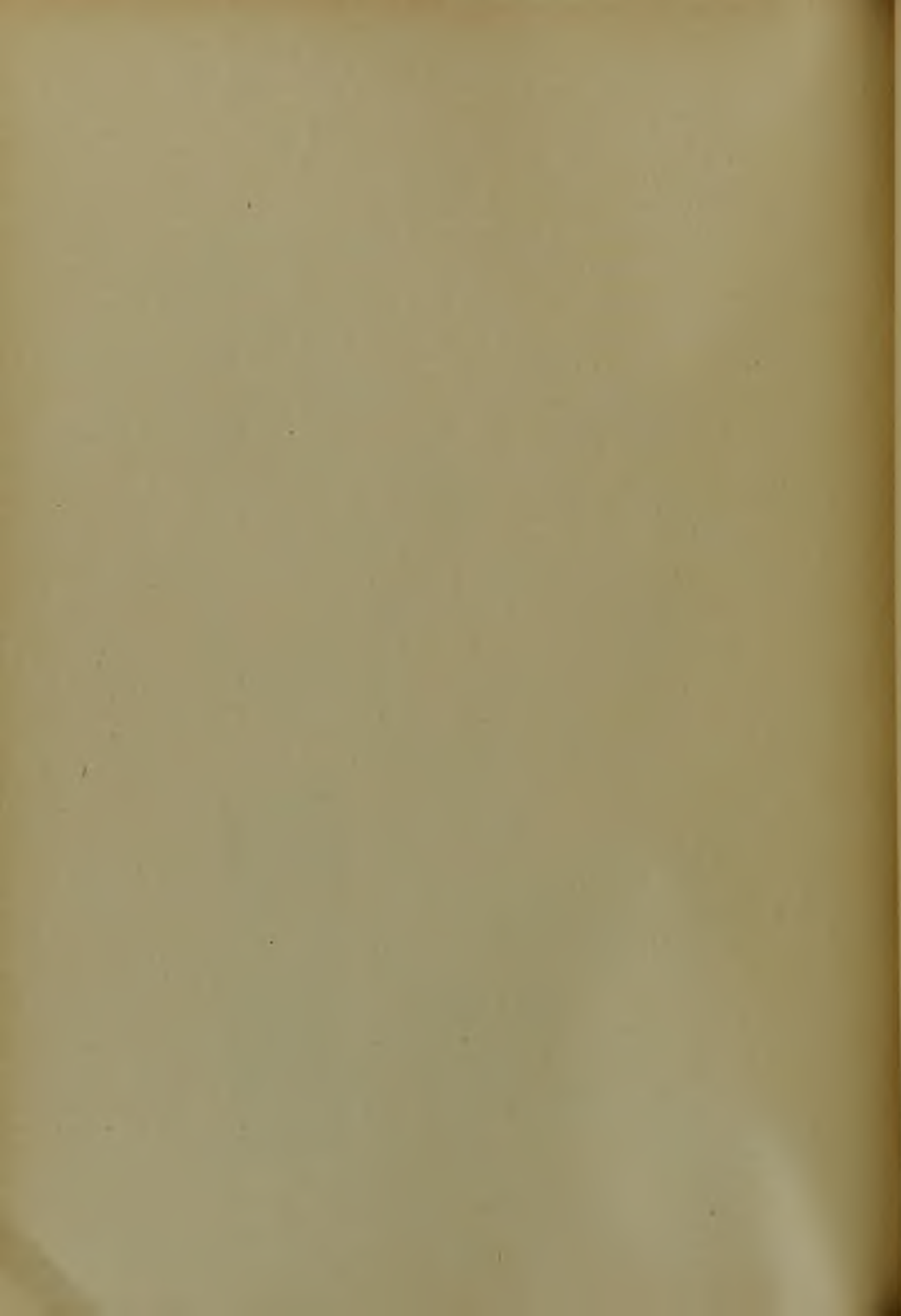
TEFI







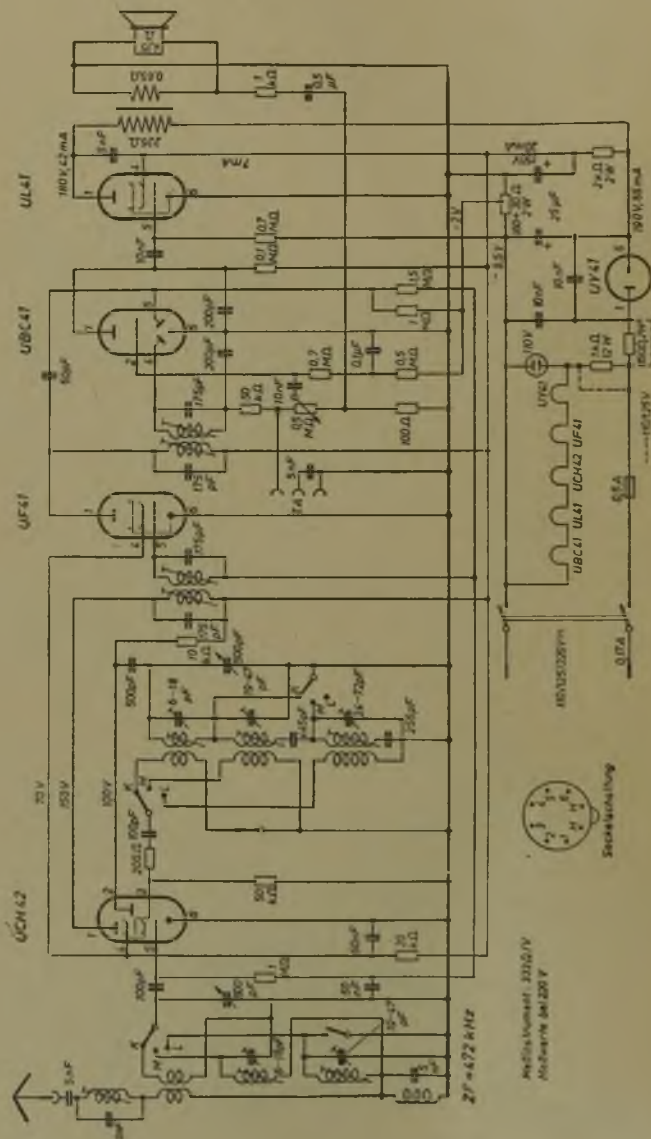
Socketauslegung
 Multimeter 3312 IV
 Betrieb 100V

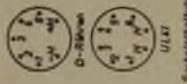
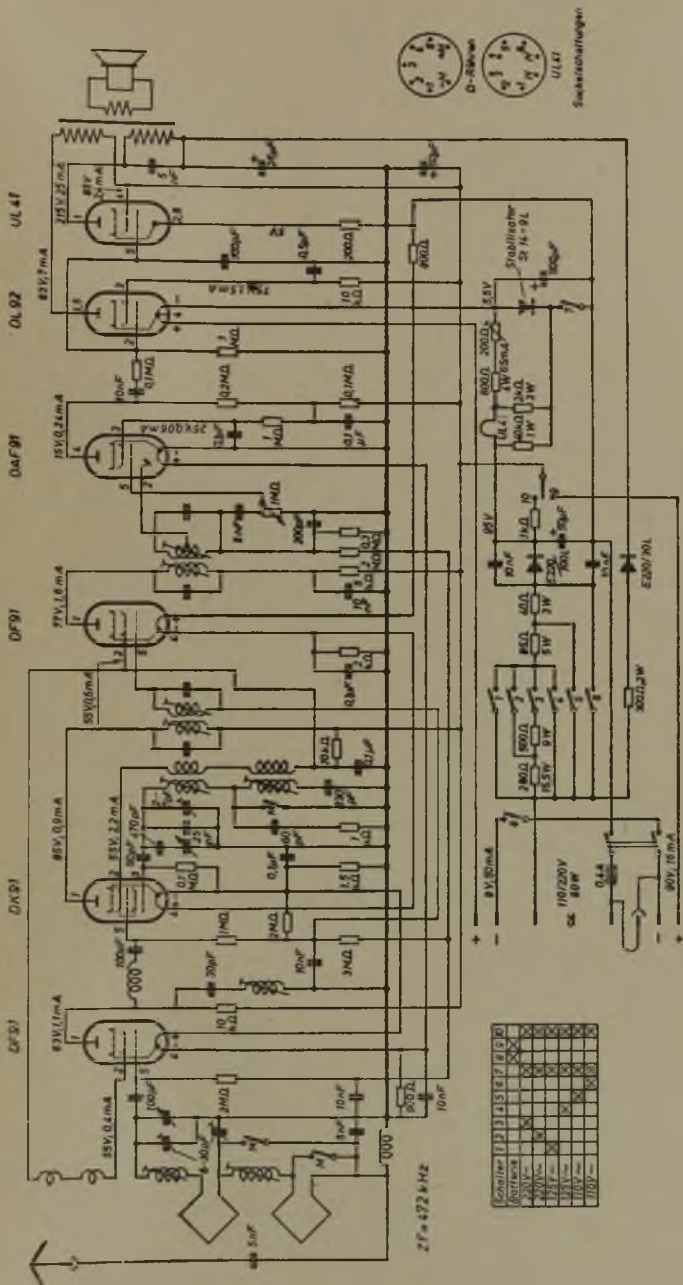


TEKADE

(Produktion nach 1945)

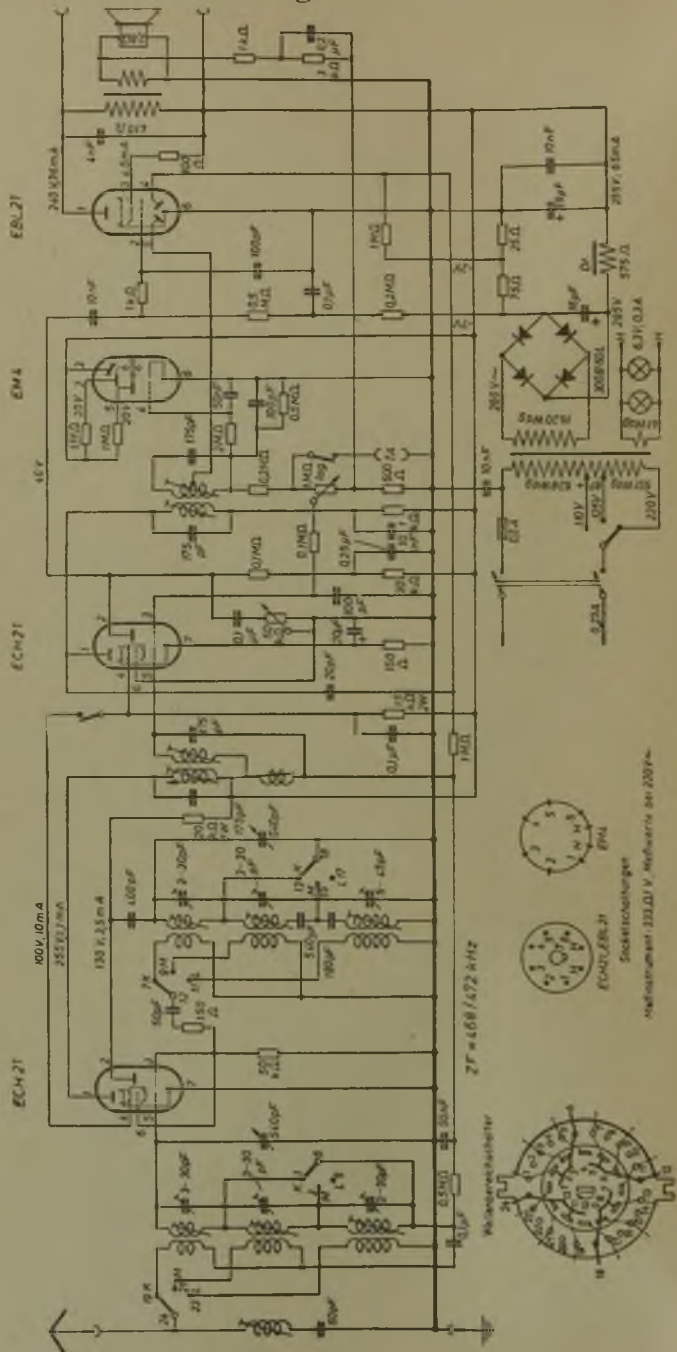






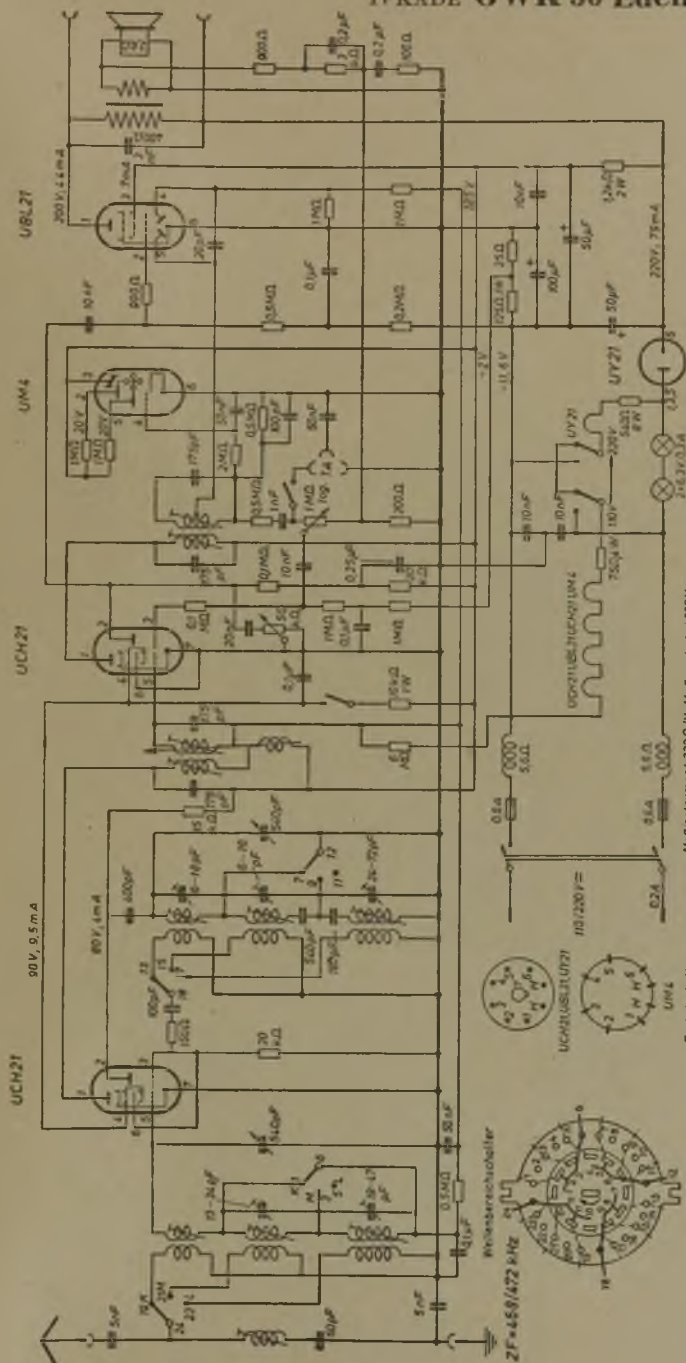
Schalter	1	2	3	4	5	6	7	8	9	0
Batterie	1	2	3	4	5	6	7	8	9	0
250V	1	2	3	4	5	6	7	8	9	0
110V	1	2	3	4	5	6	7	8	9	0
80V	1	2	3	4	5	6	7	8	9	0
10V	1	2	3	4	5	6	7	8	9	0
0V	1	2	3	4	5	6	7	8	9	0

TEKADE WK 50 Edelklang



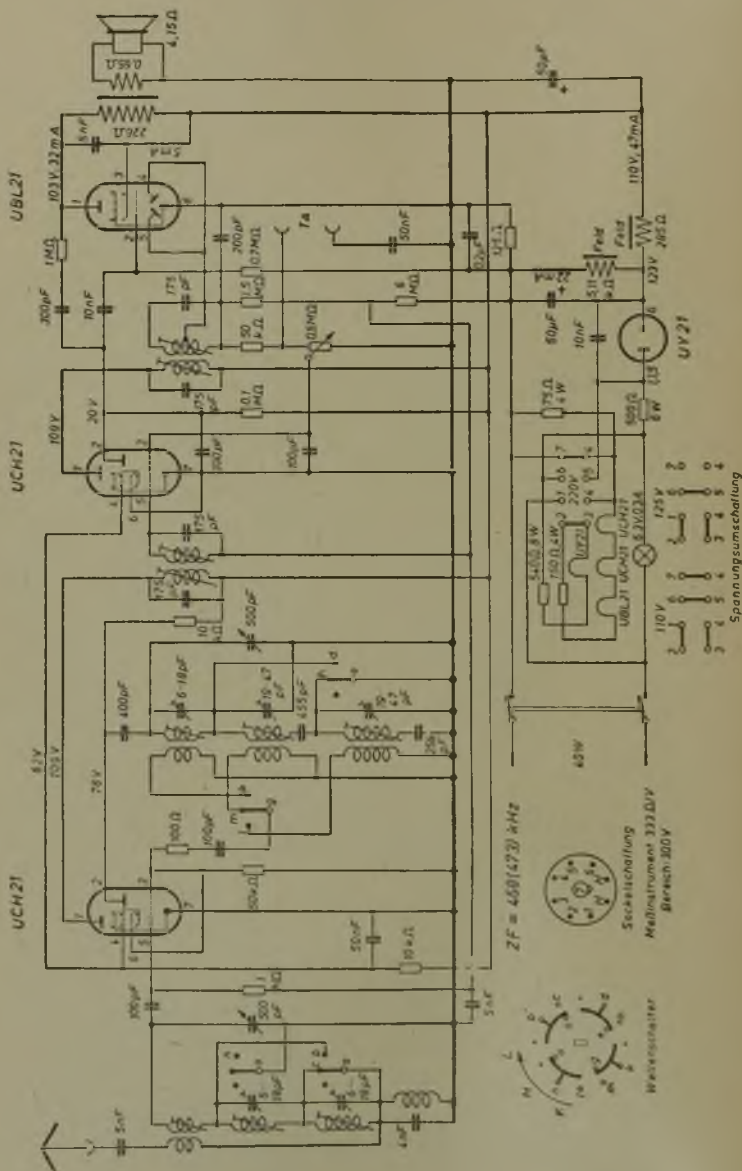
Maßstab: 1:100, V. Maßstab der 200V

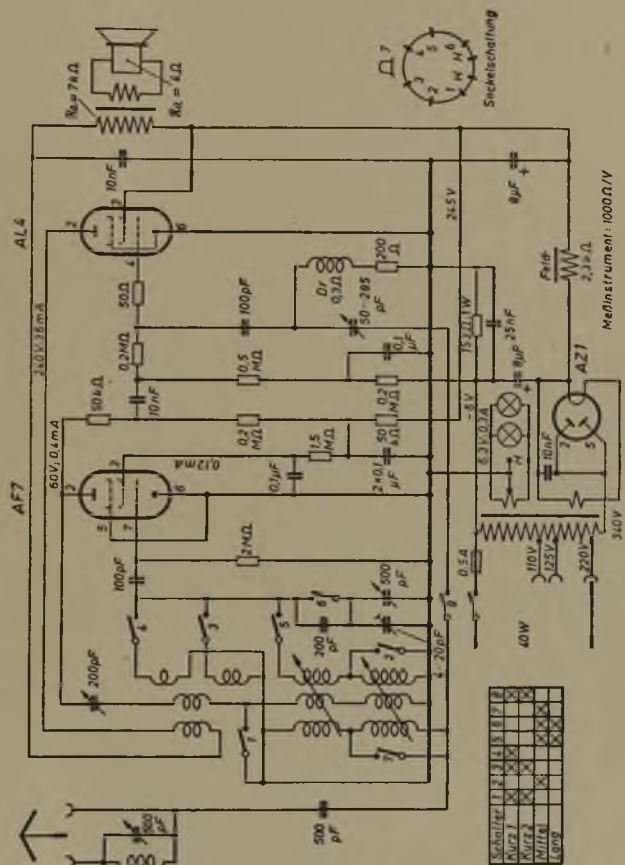
TRIADE GWK 50 Edelklang

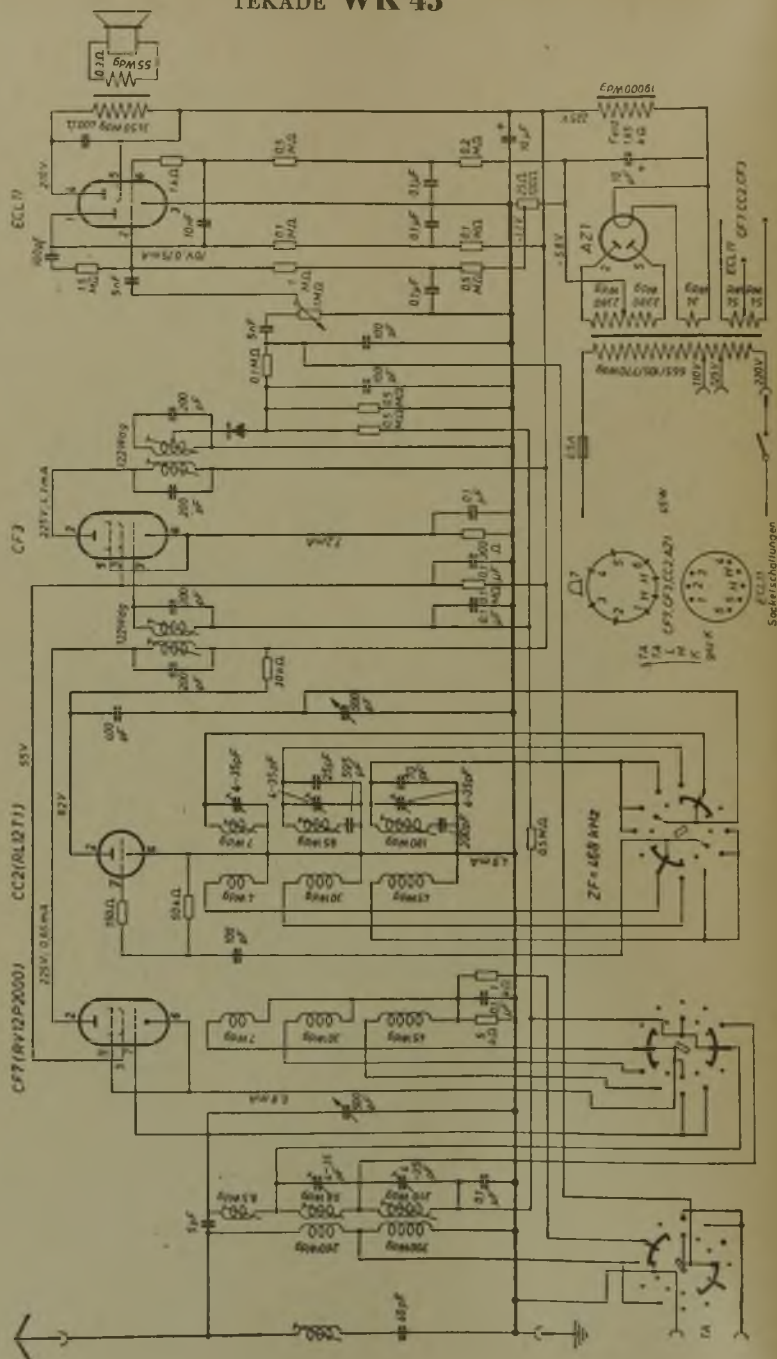


Medinstrument 333Ω/V, Maßwert bei 200V

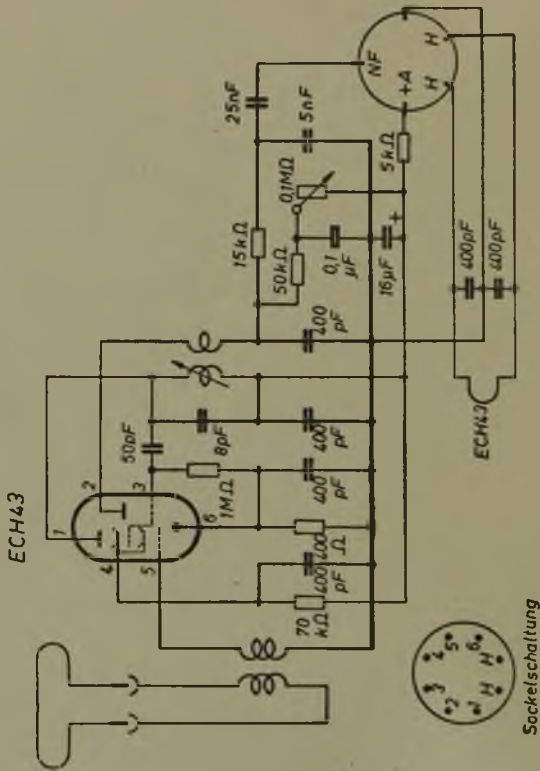
Steckschaltungen







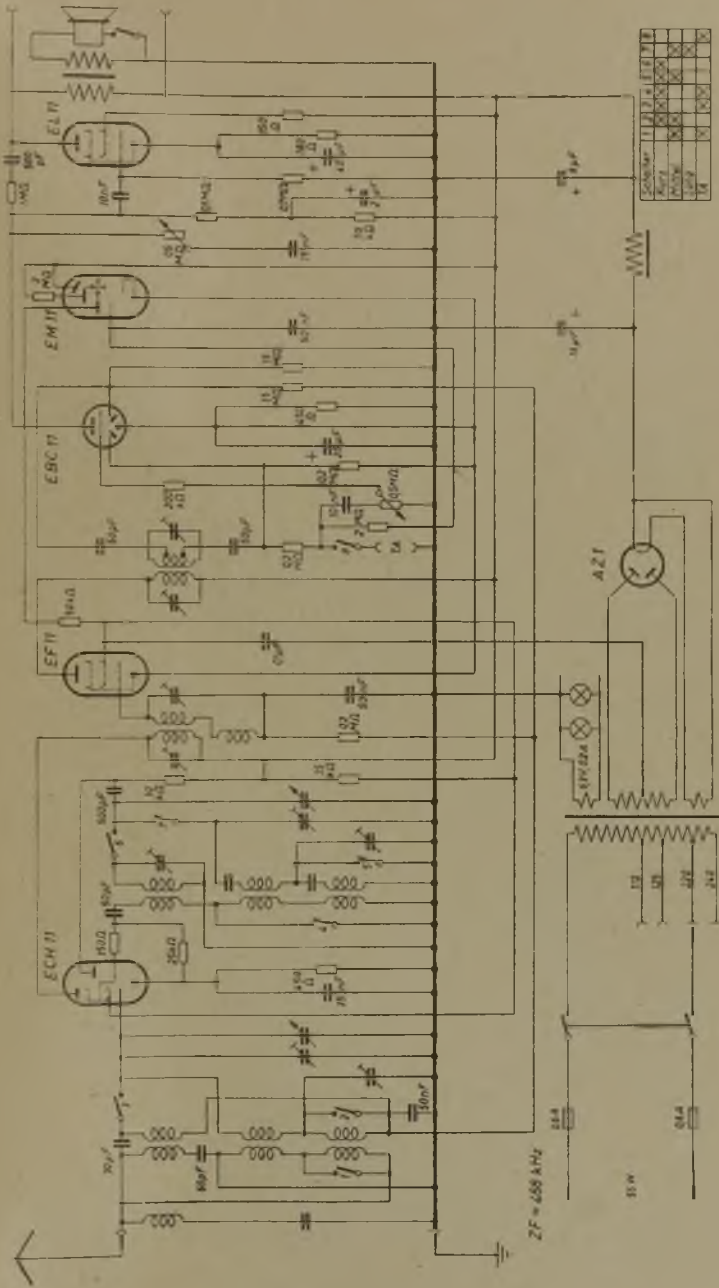
Sacherschaltungen

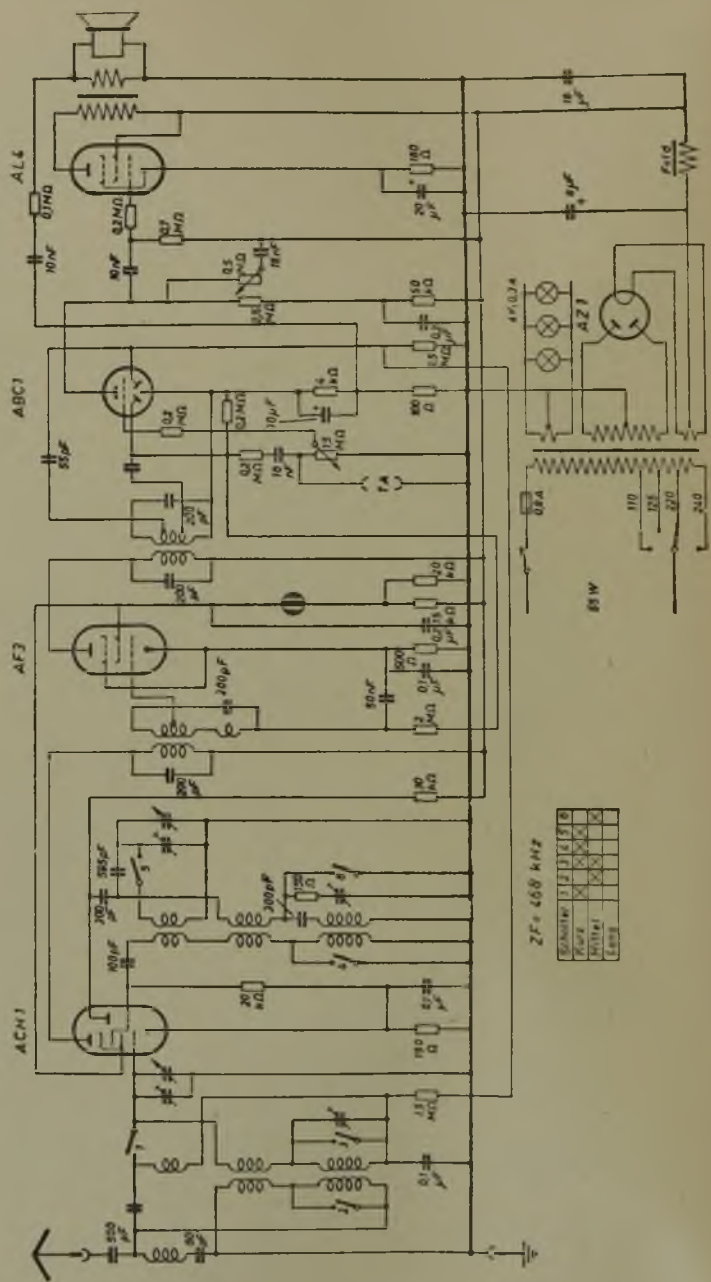


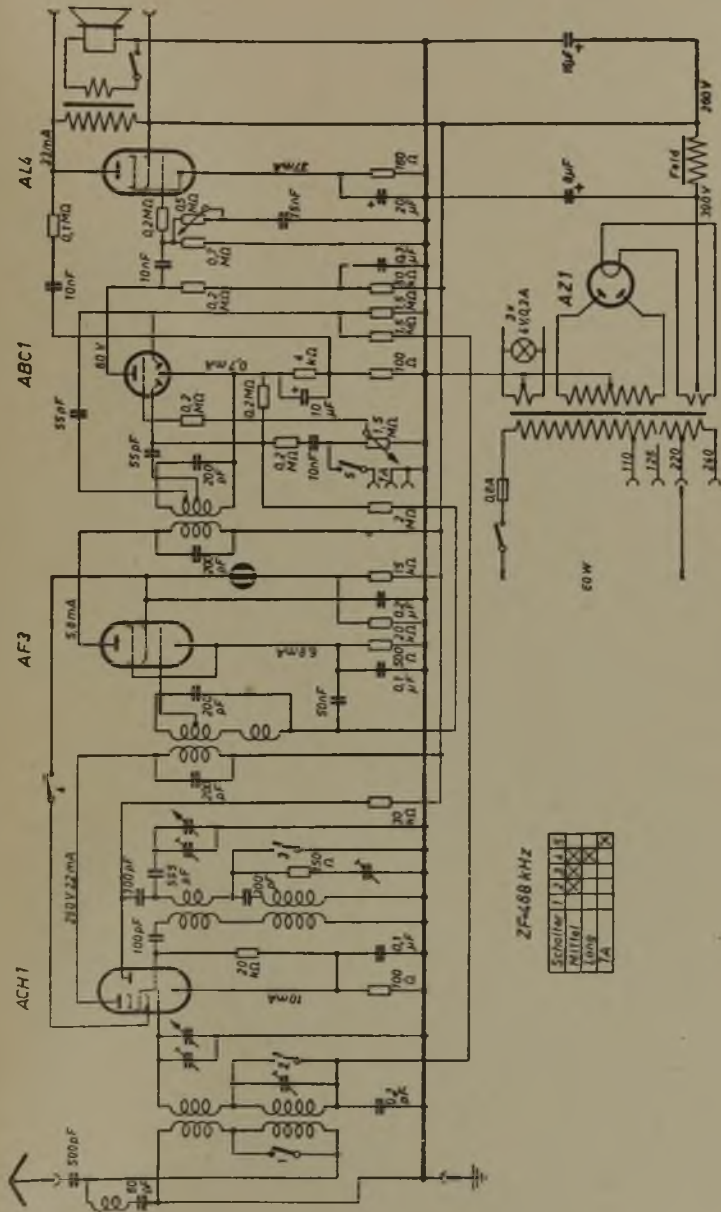
Sockelschaltung

TEKADE
(Produktion vor 1945)



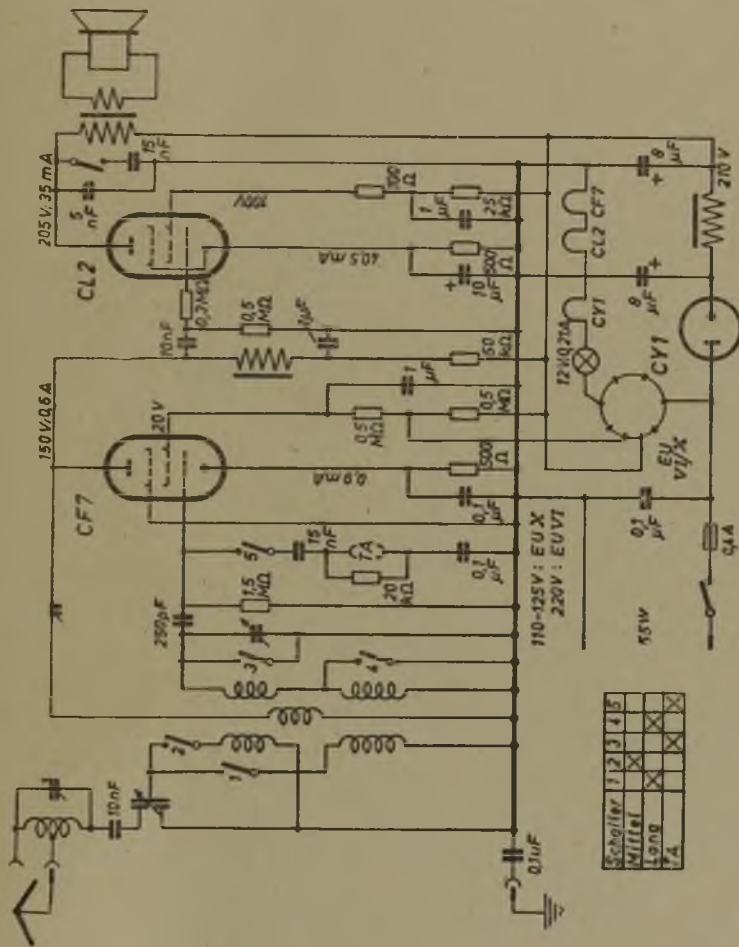




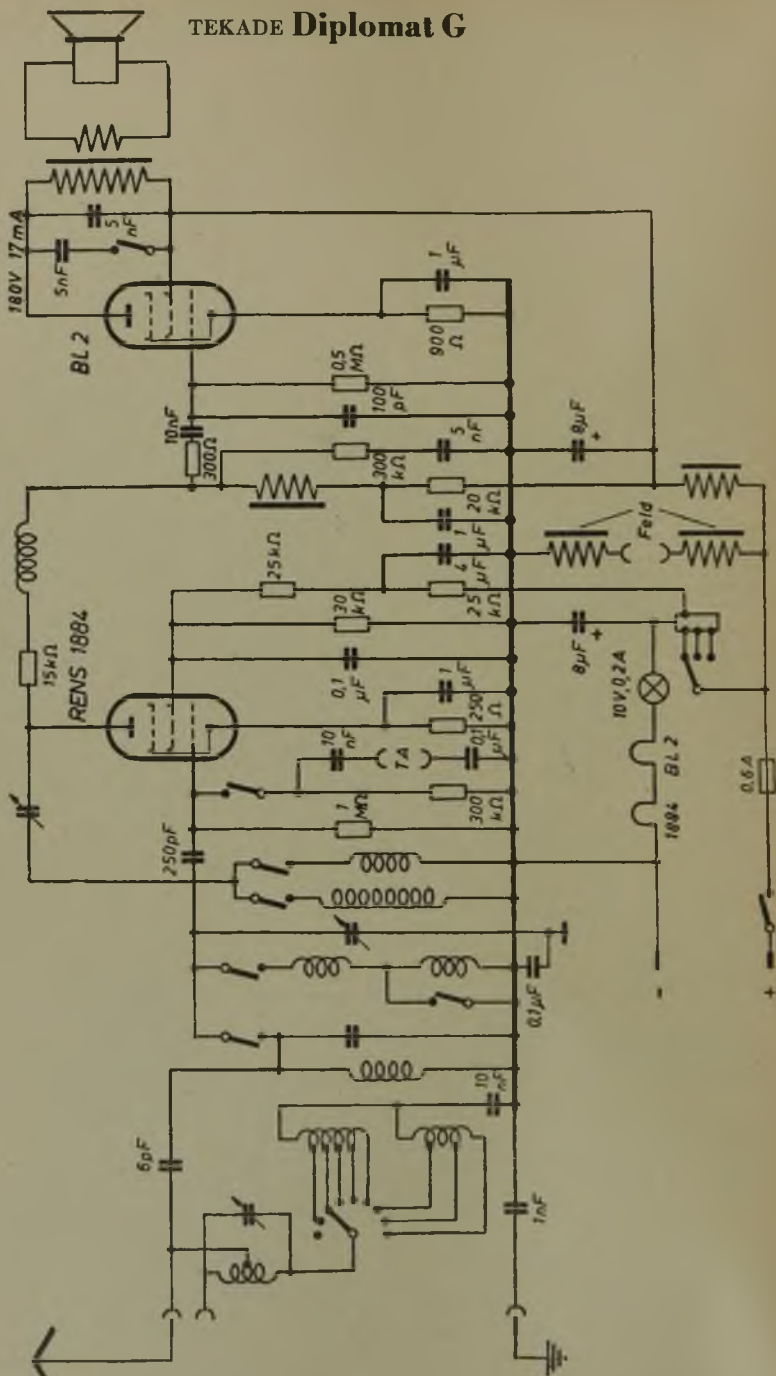


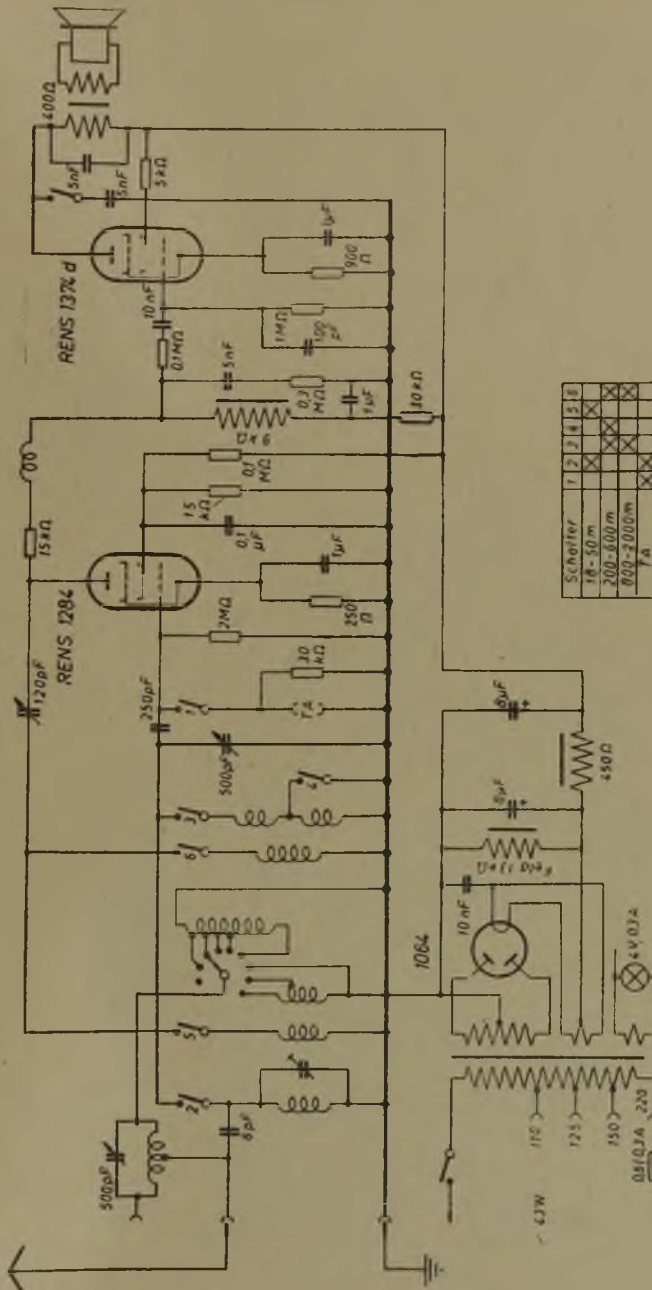
ZF=458 kHz

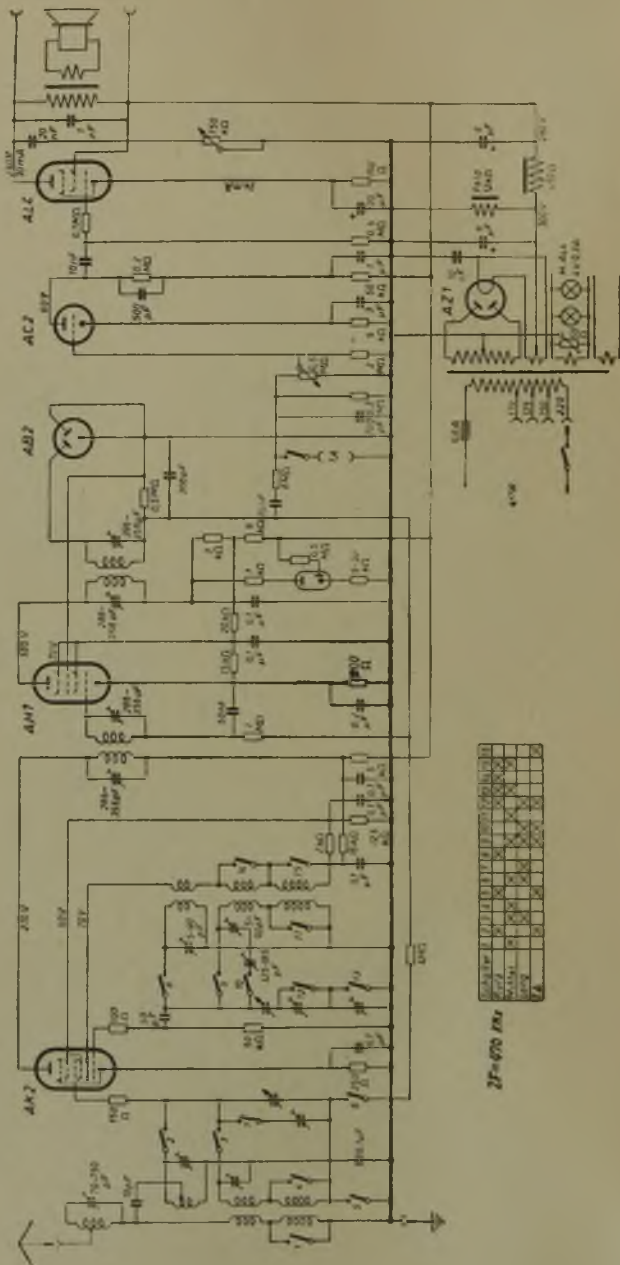
Schaltwe	1	2	3	4	5
MITTEL	✓	✓	✓	✓	✓
Obwe					
U					



TEKADE Diplomat G

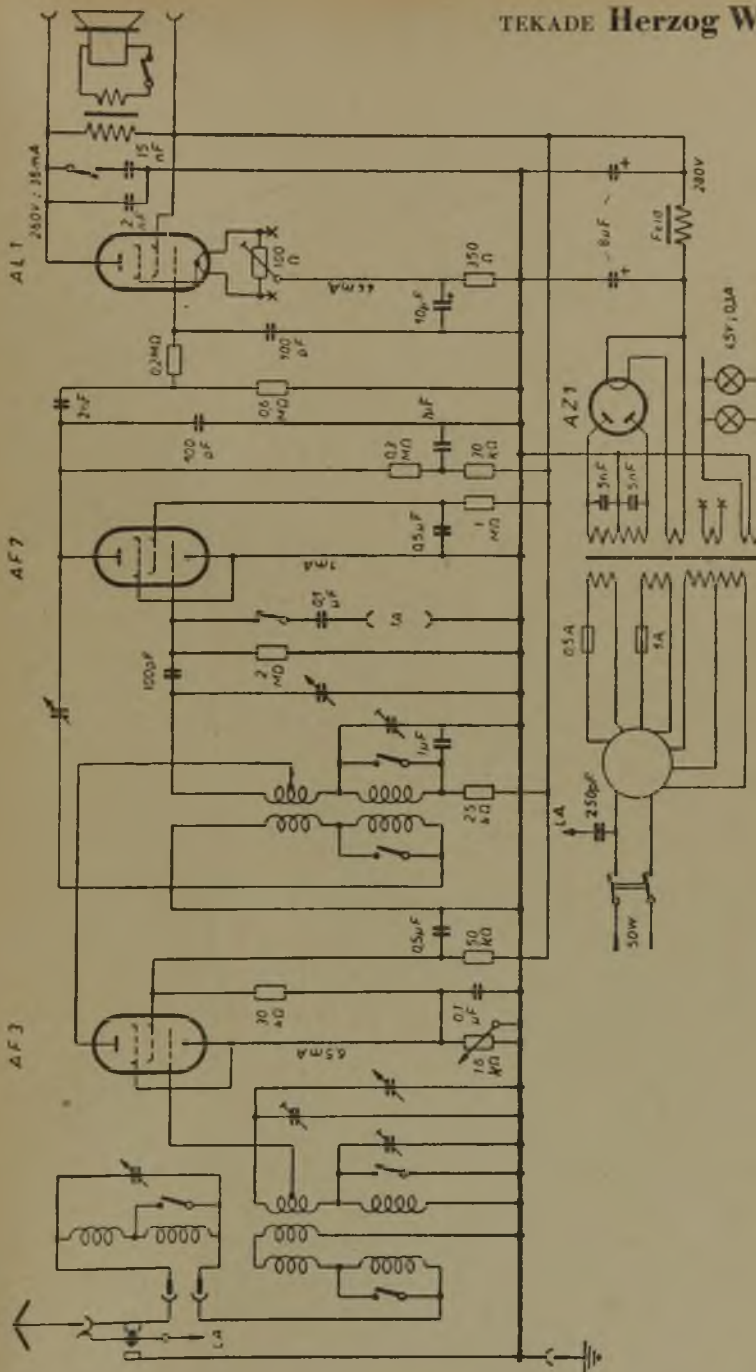


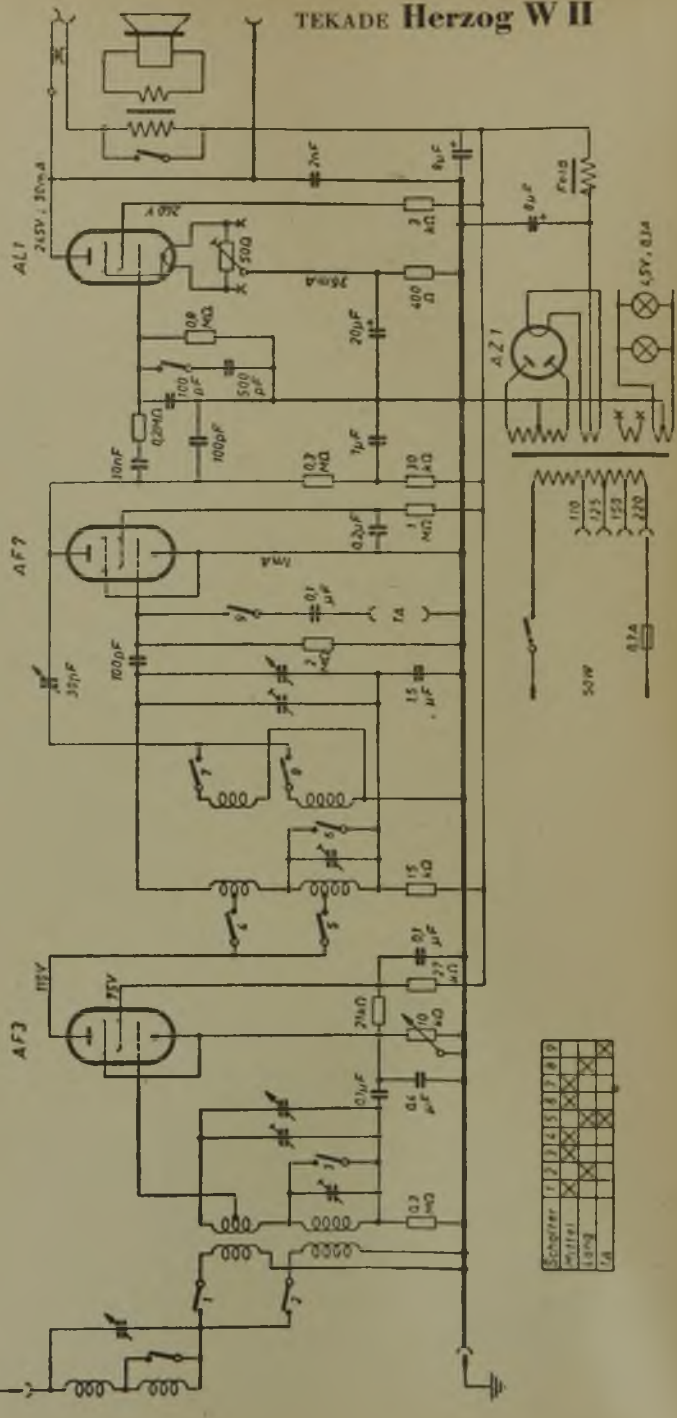




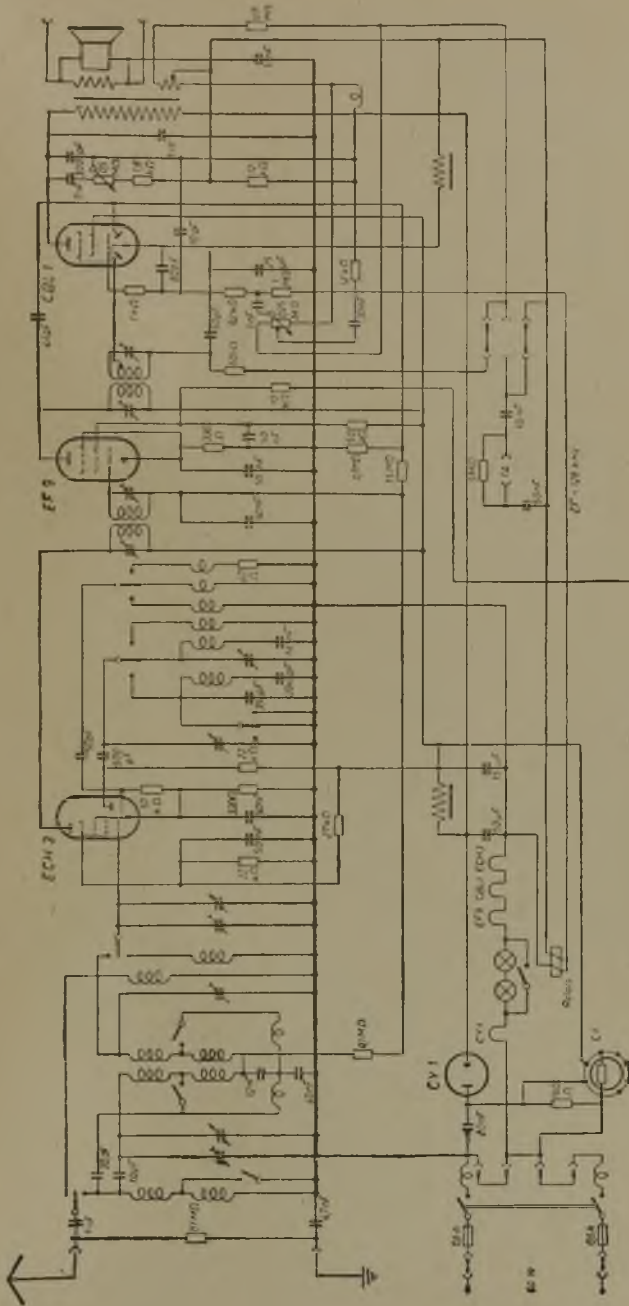
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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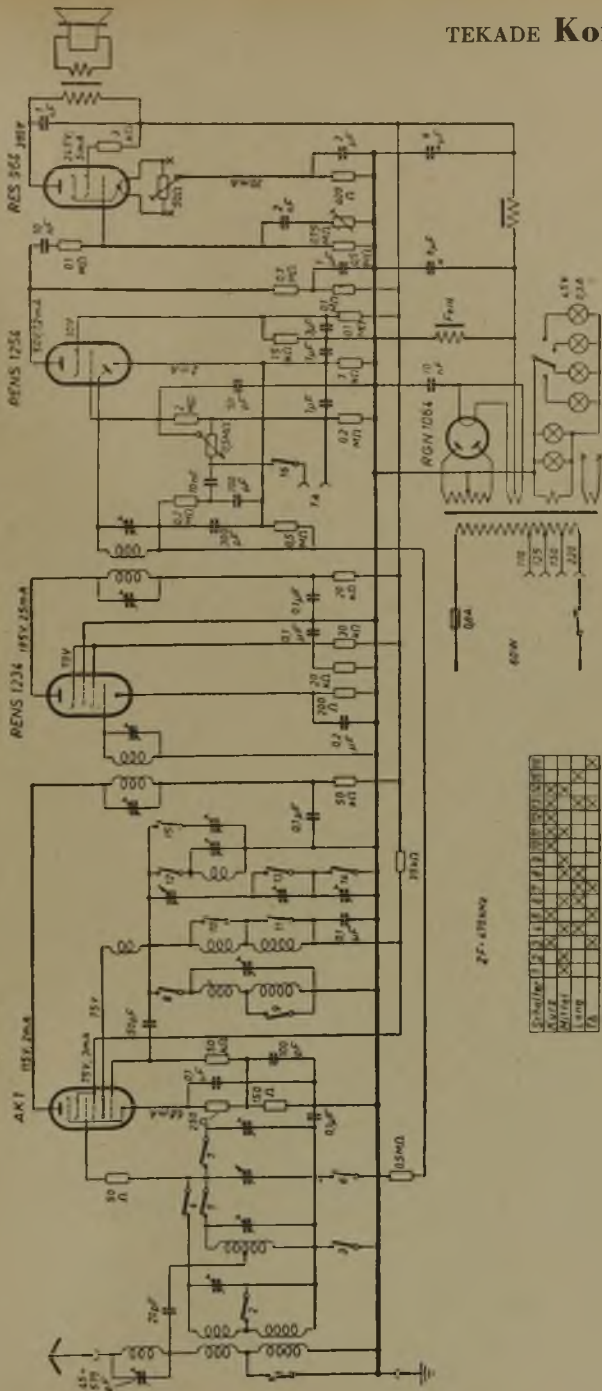
2P-470 204





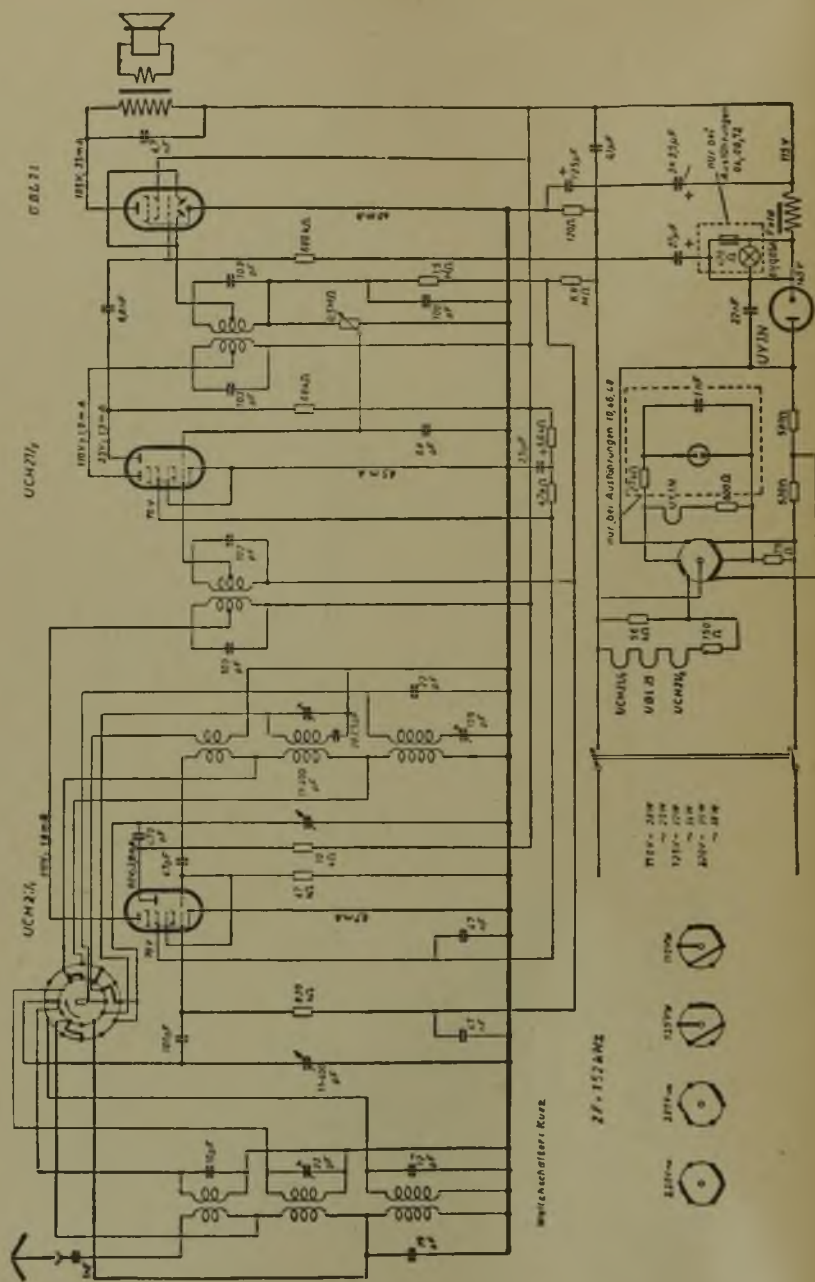
Schalter	1	2	3	4	5	6	7	8	9
Mittel									
Lang									
FA									





1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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TEKADE LES 43 KML

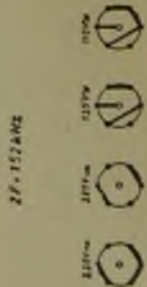


UCM214
100V, 10W
250V, 10W

UCM215
100V, 10W
250V, 10W

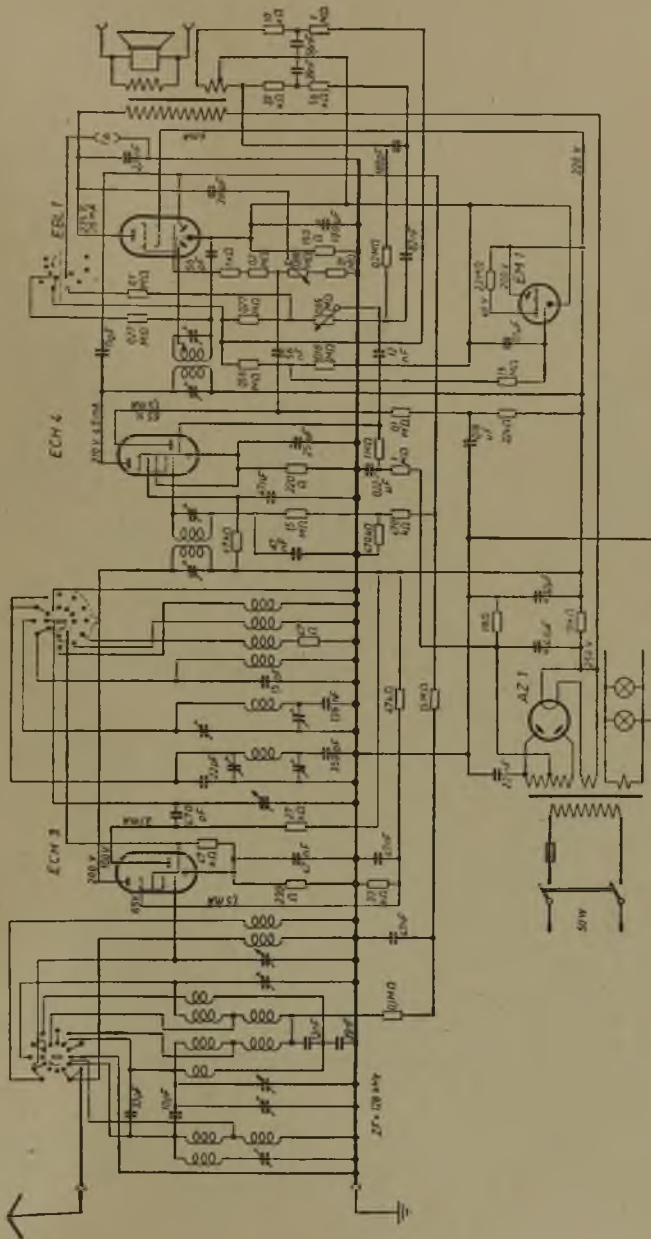
UCM216
110V, 110W
220V, 110W

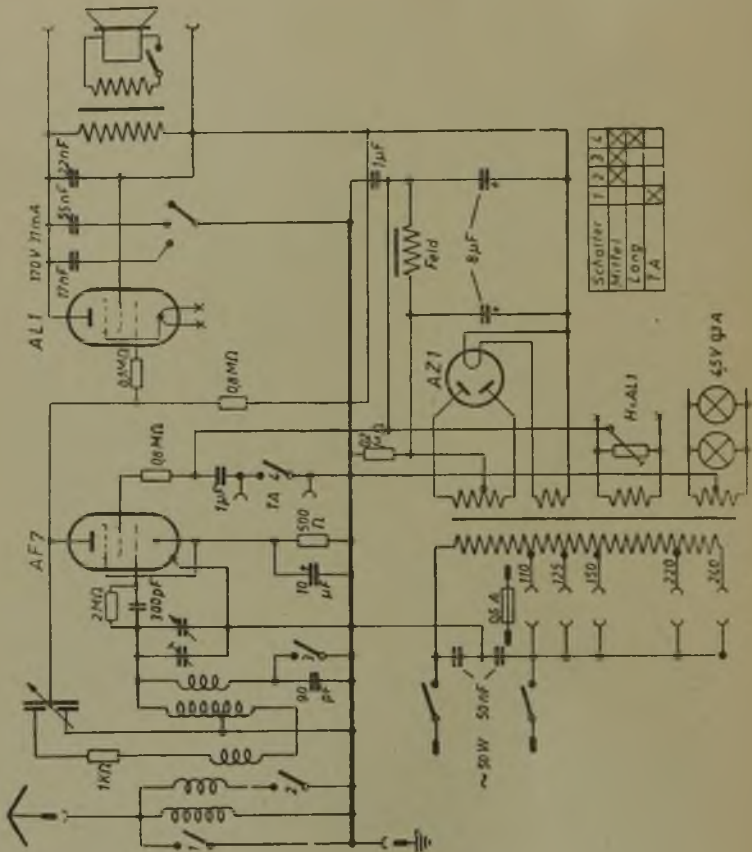
UCM217
100V, 10W
250V, 10W



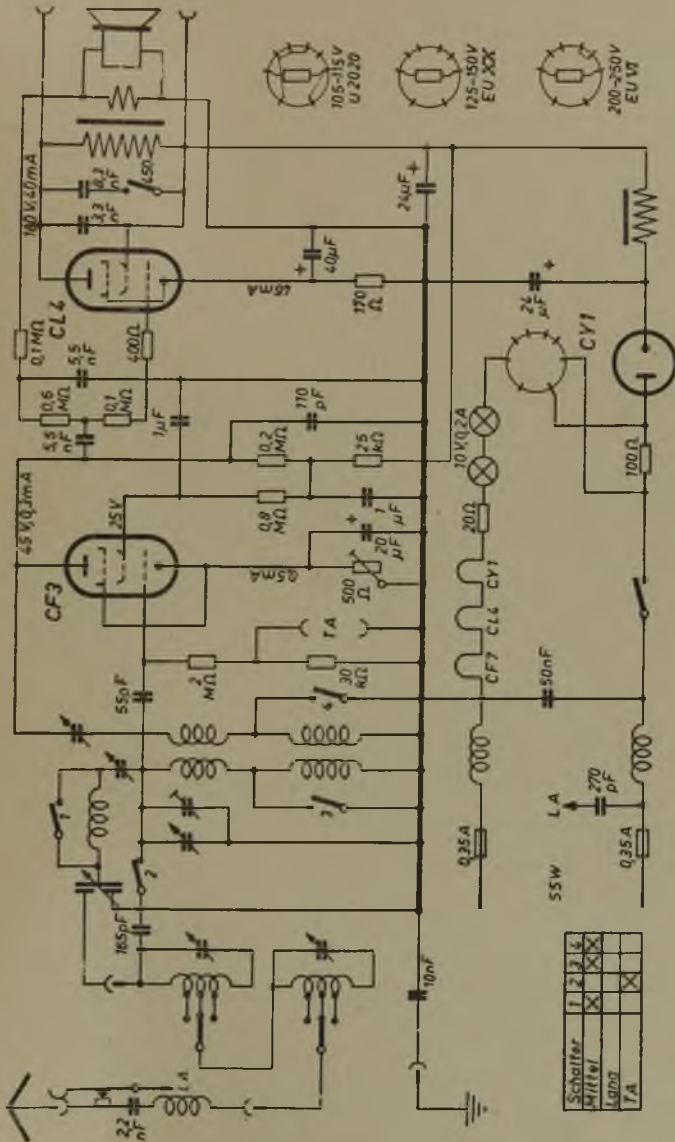
ZF = 152 kHz

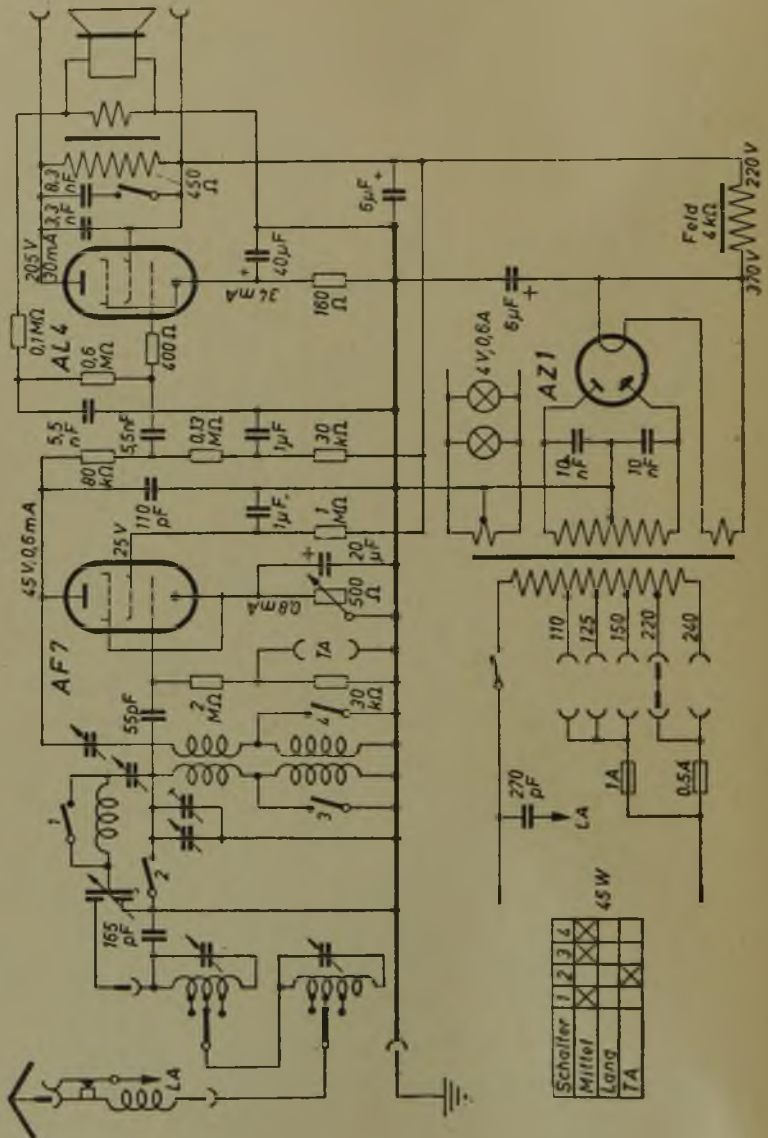
Witchschalter: Kurz





Schalter	1	2	3	4
Writter	×	×	×	×
Long	×	×	×	×
T.A.	×	×	×	×





Folgende Hersteller sind in der Schaltbildersammlung enthalten:

AEG	Klangfilm	VEB Funkwerk
Äola	Körting	Zittau-Oberdorf
Akkord	Kreff	VEB Stern Radio Berlin
Atlas	Lange	VEB Stern-Radio Leipzig
Blaupunkt	Lembeck	VEB Stern-Radio Rochlitz
Blohm	Loewe/Opta	VRB Stern-Radio Staffurt
Brandt	Lorenz	RFW
Braun	LTP	Riweco
Continental	Lumophon	Rohde u. Schwarz
DTW	Mende	Rnwel
Elbeg	Meßgerätebau	Saba
Elbia	Metz	Sachsenwerk
Elcophon	MEW	Schalero
Elektro-Apparate-Fabrik Köppelsdorf	Niemann	Schaub
Elektro-Apparate-Werke Treprow	Nora	Seibt
Elmug	Nord-Mende	* Siemens
Eltra	Opta-Spezial	* Star
Emud	Owin	* Staffurt
Funkstrahl	Pellegrinetti	* Staudigl
Gemeinschafts-Empfänger	Philips	* Südfunk
Geta	Radio-Union	* TAK
Graetz	Reico	* Tefag
Graßmann	Rema	* Tefi
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