

EMPFÄNGER- SCHALTUNGEN

DER
RADIO-INDUSTRIE

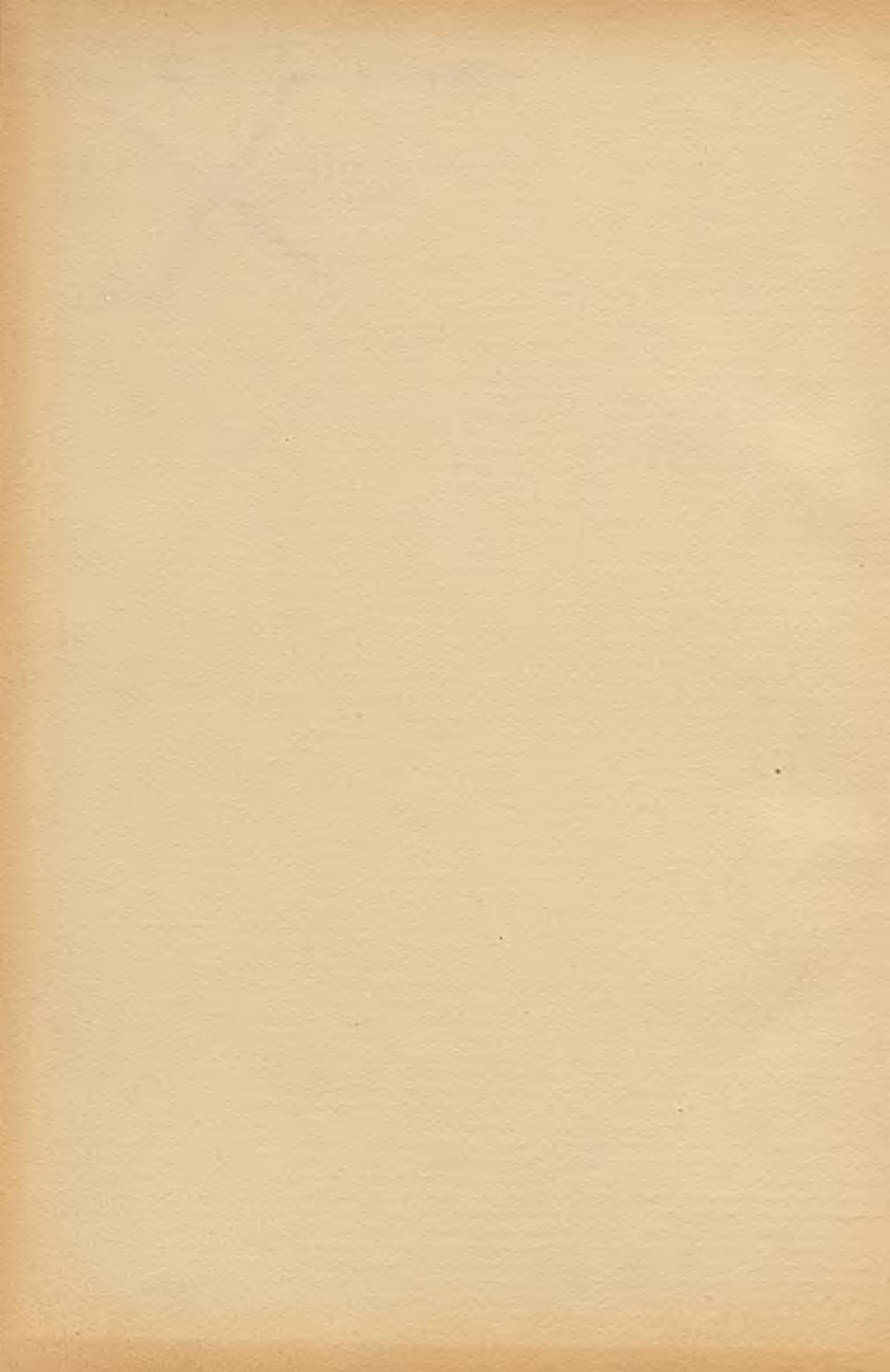


Dyn 1
p. 302

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POLITECHNIKA ŚLĄSKA
Katedra Elektroniki Przemysłowej

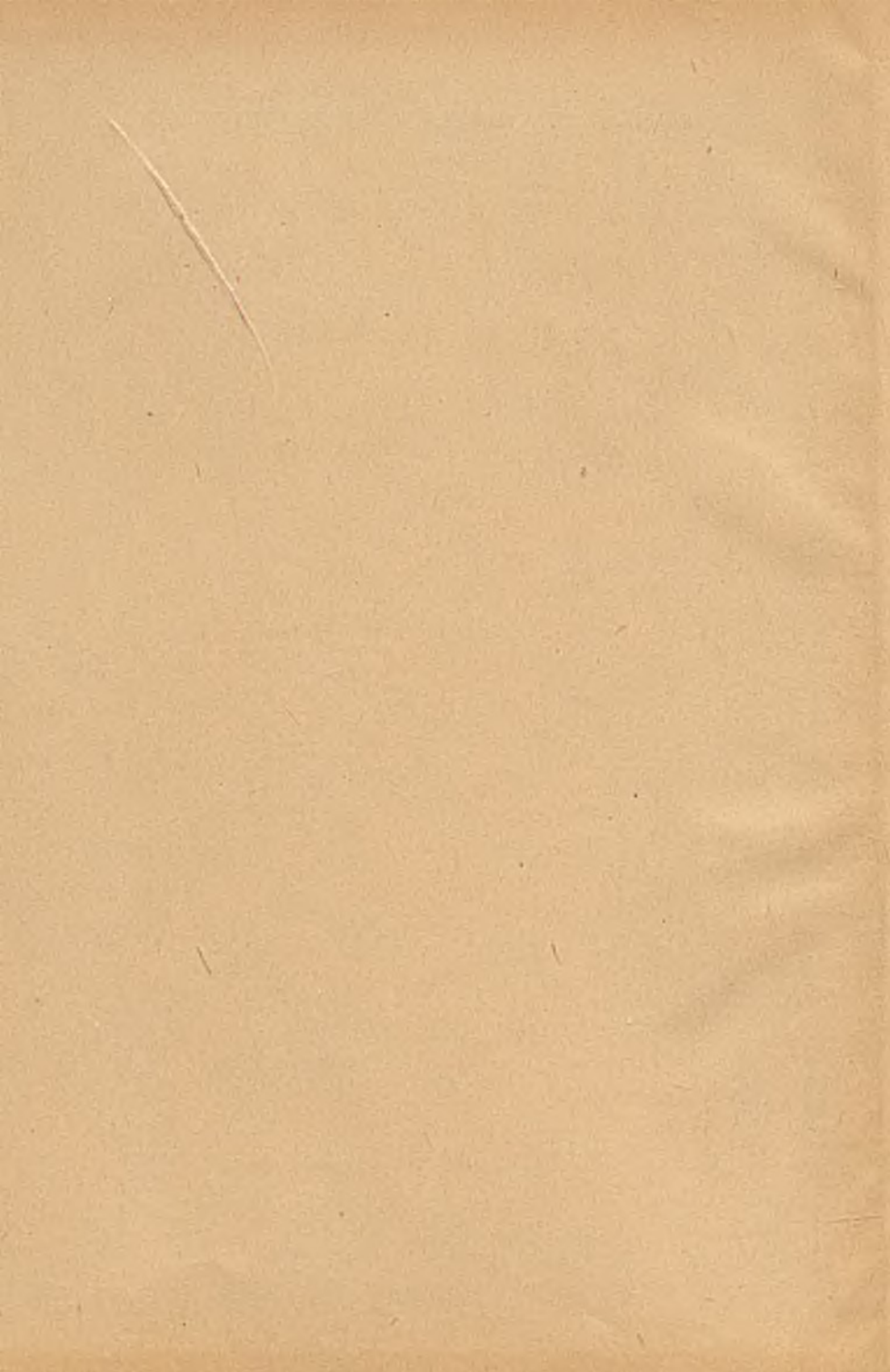
S/83



EMPFÄNGER-SCHALTUNGEN DER RADIO-INDUSTRIE

BAND II

~~POLITECHNIKA ŚLĄSKA
Katedra Elektroniki Przemysłowej~~



BÜCHER FÜR DEN RUNDFUNKTECHNIKER

POLITECHNIKA ŚLĄSKA
Katedra Elektrotechniki i Telekomunikacji

**EMPFÄNGER-
SCHALTUNGEN**
DER
RADIO-INDUSTRIE

BAND II

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

Dritte Auflage



FACHBUCHVERLAG GMBH LEIPZIG 1953



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D 1384109

Dieses Buch setzt als II. 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 Werte 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 Gesamtwerke 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 Ziele, 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 Schaltungstechnik.

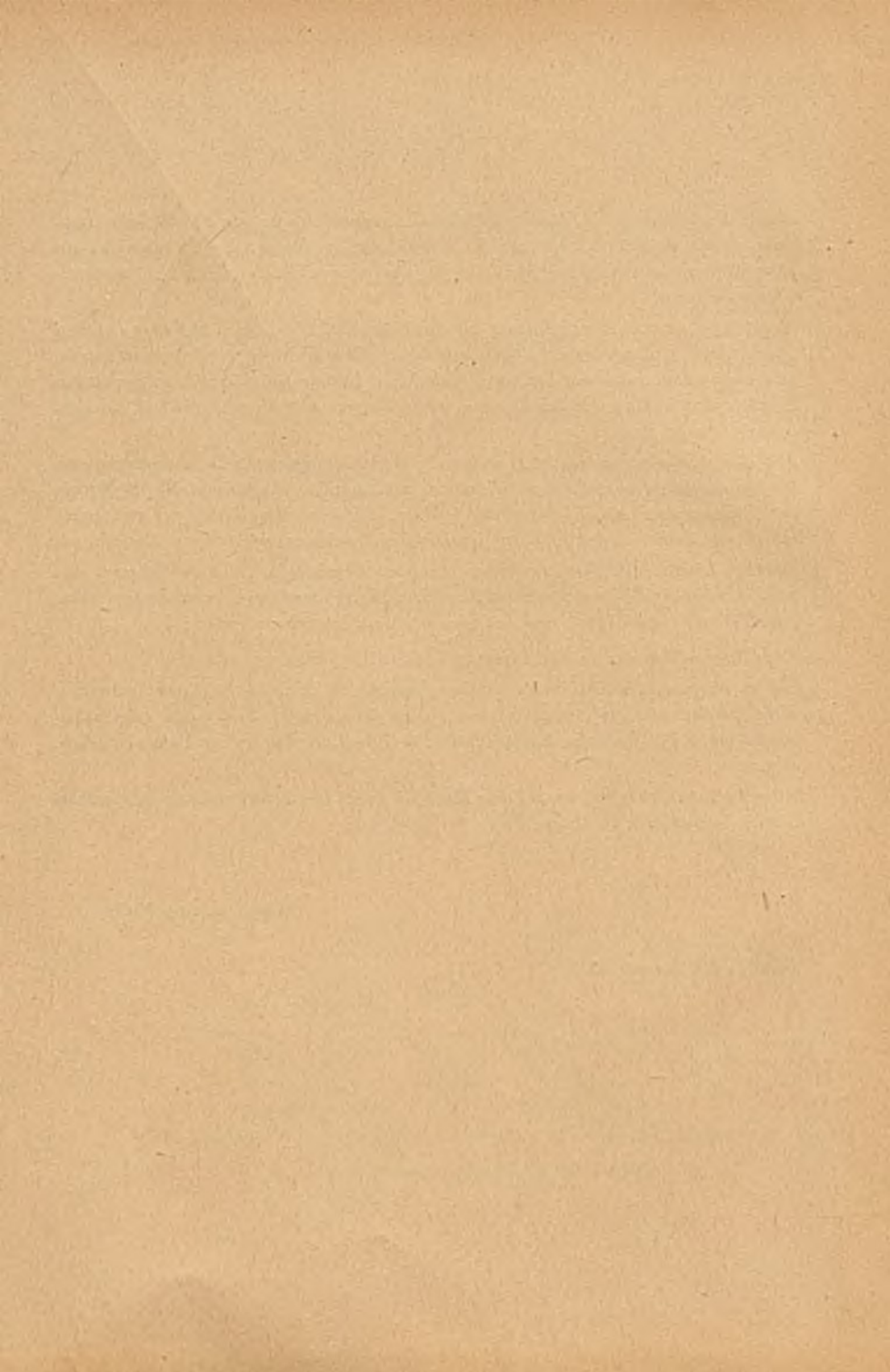
Eine Bitte richten wir an alle, in deren Hände diese Sammlung gelangt:

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 1953



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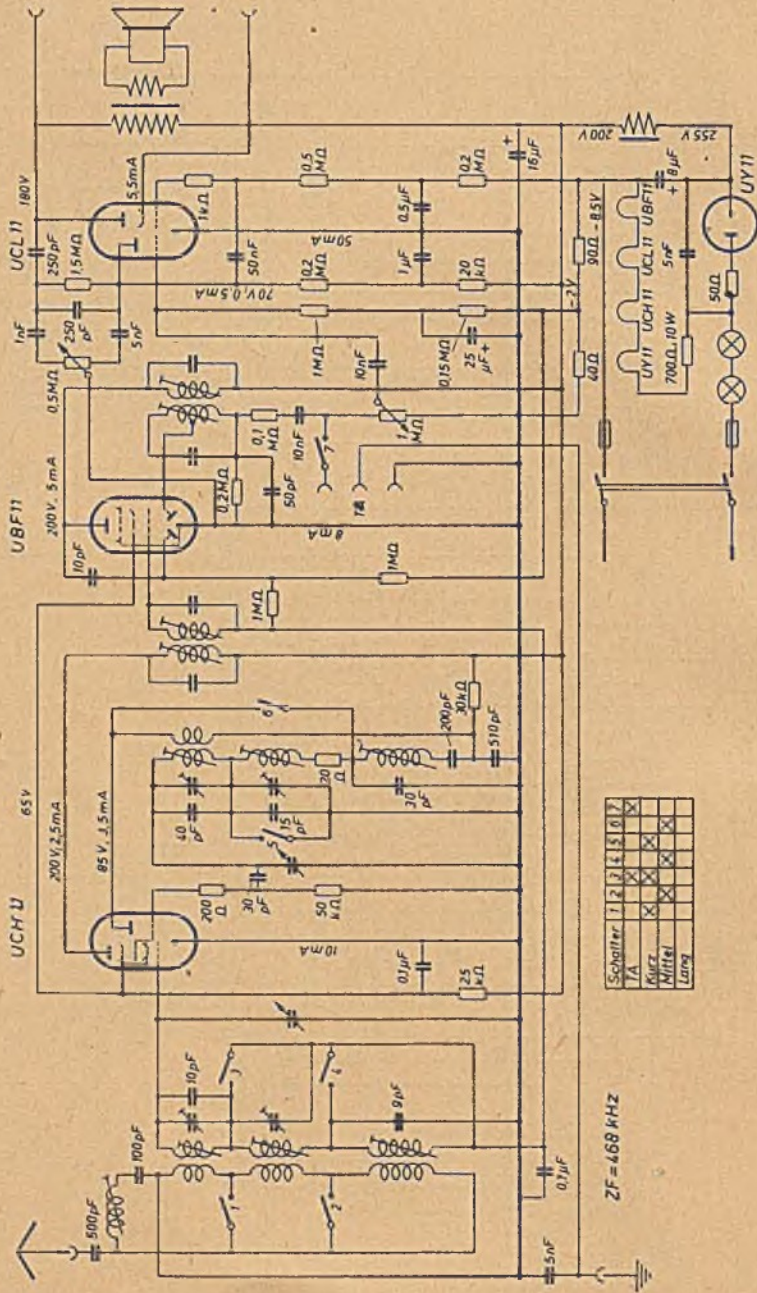
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BLOHM

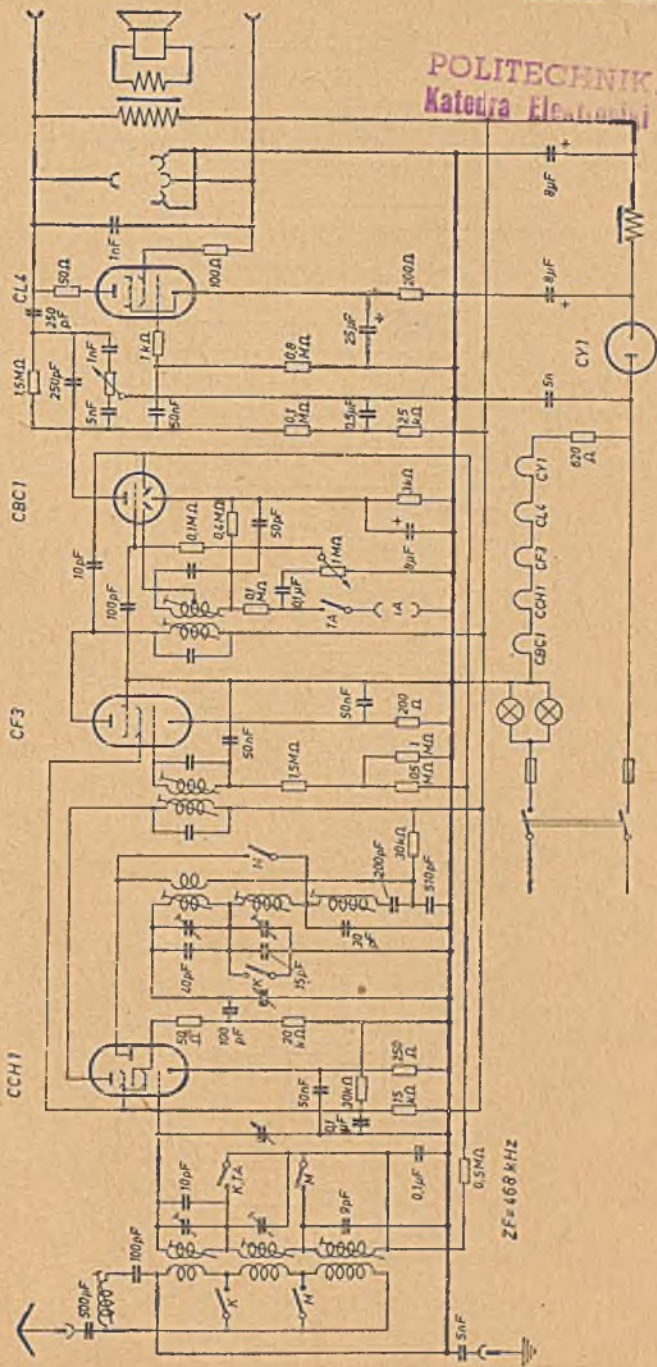


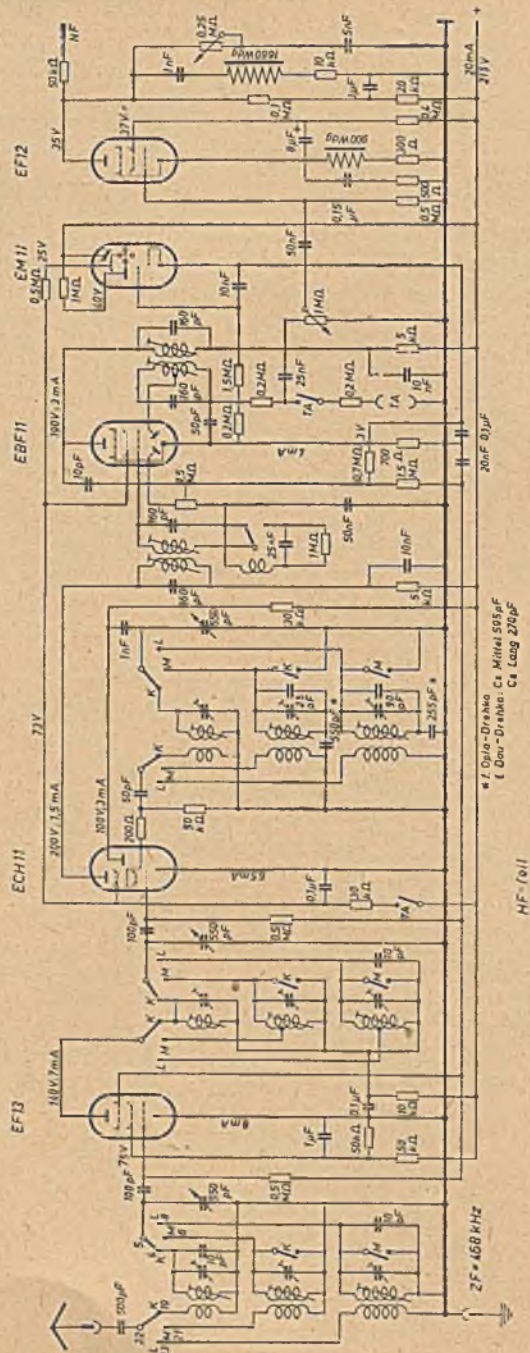


Schalter	1	2	3	4	5	6	7	8	9	10	11	12
TA												
Kurz												
Mittel												
Läng												

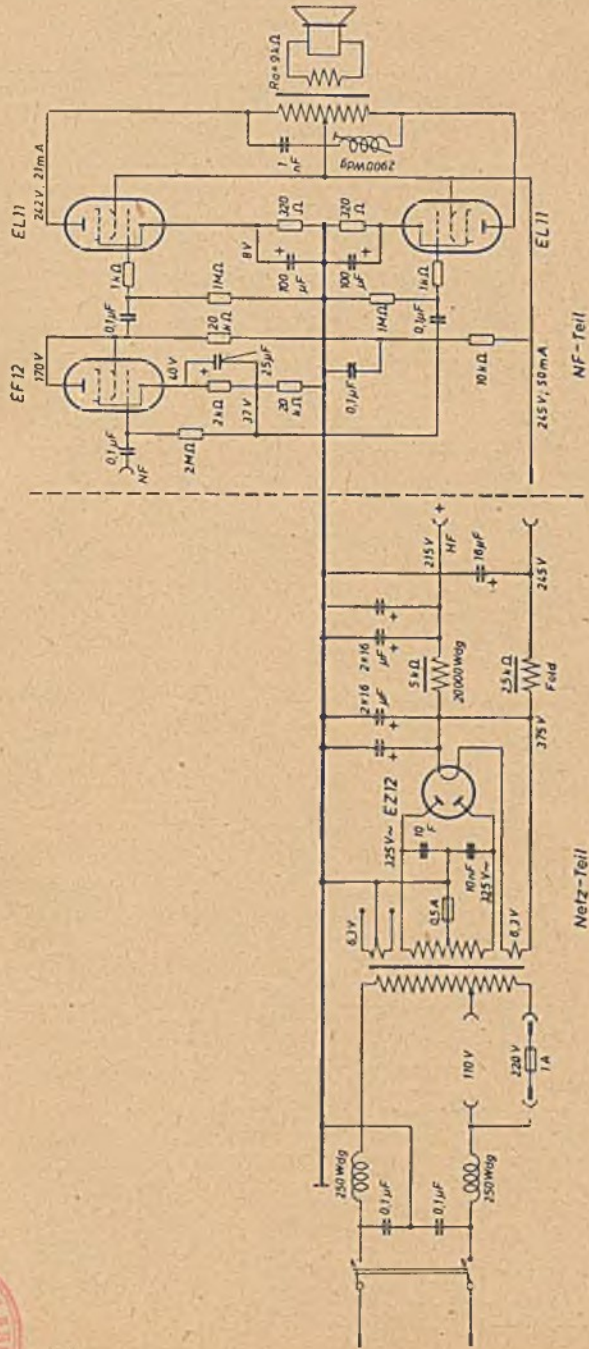
ZF = 468 kHz

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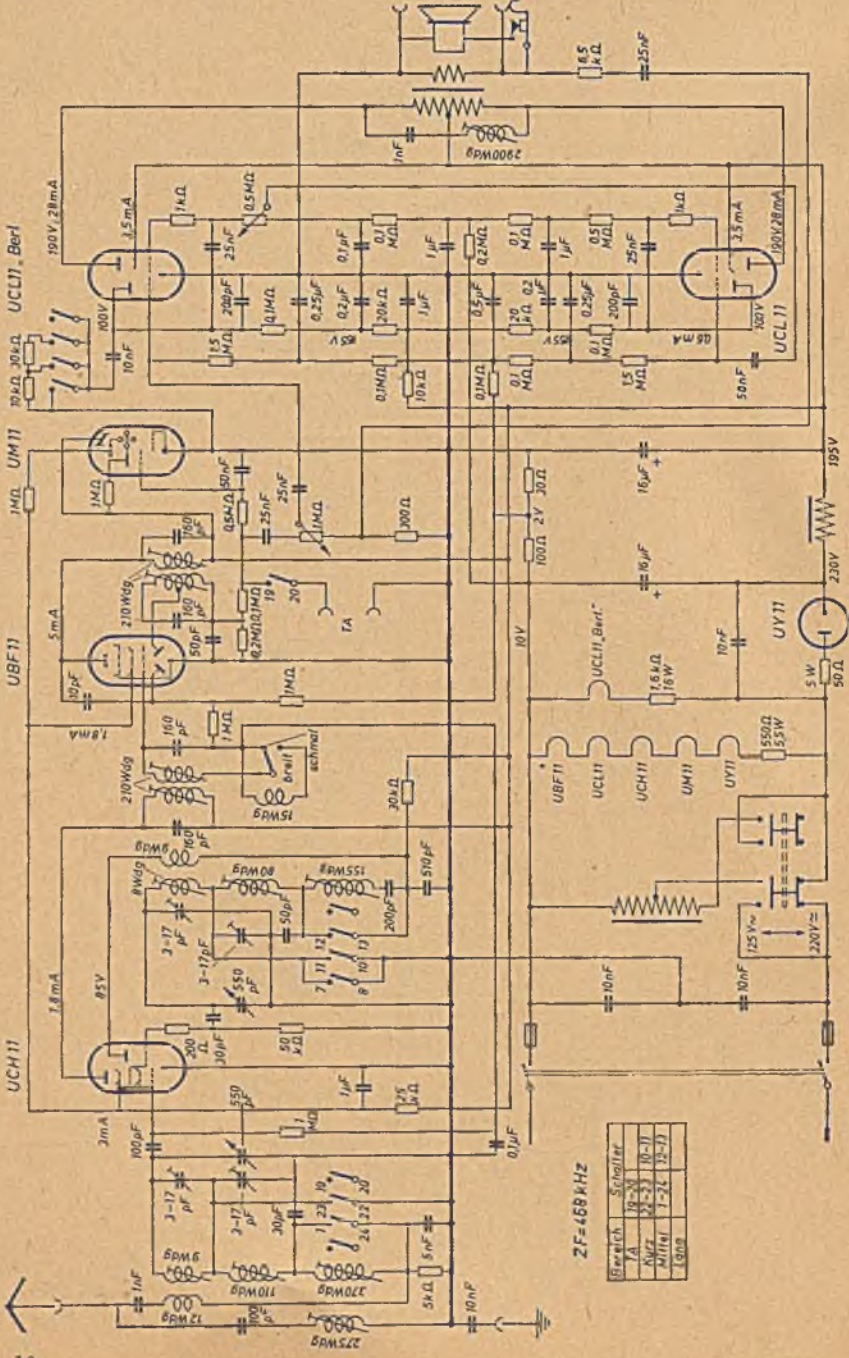




Blohm Musiktruhe MT 15 E



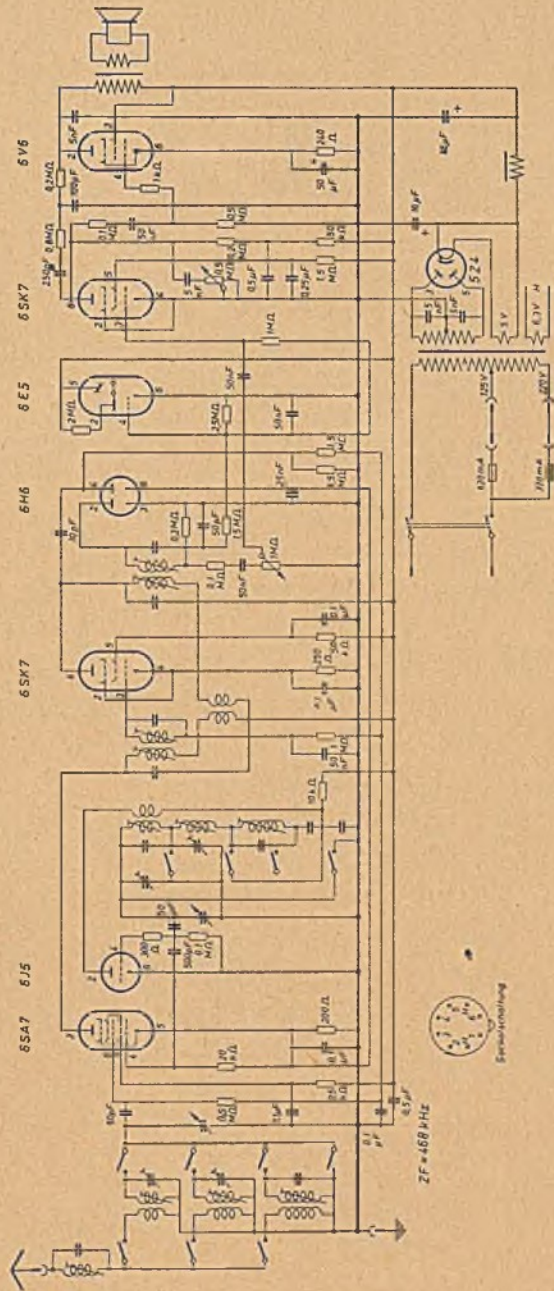
Blohm Musiktruhe MT 20 „Symphonetta“



ZF = 468 kHz

Bezeichnung	Schalter
TA	18-20
NuZ	21-23 10-11
Mittel	1-2 12-13
1000	

Blohm Standard-Super HS 6823

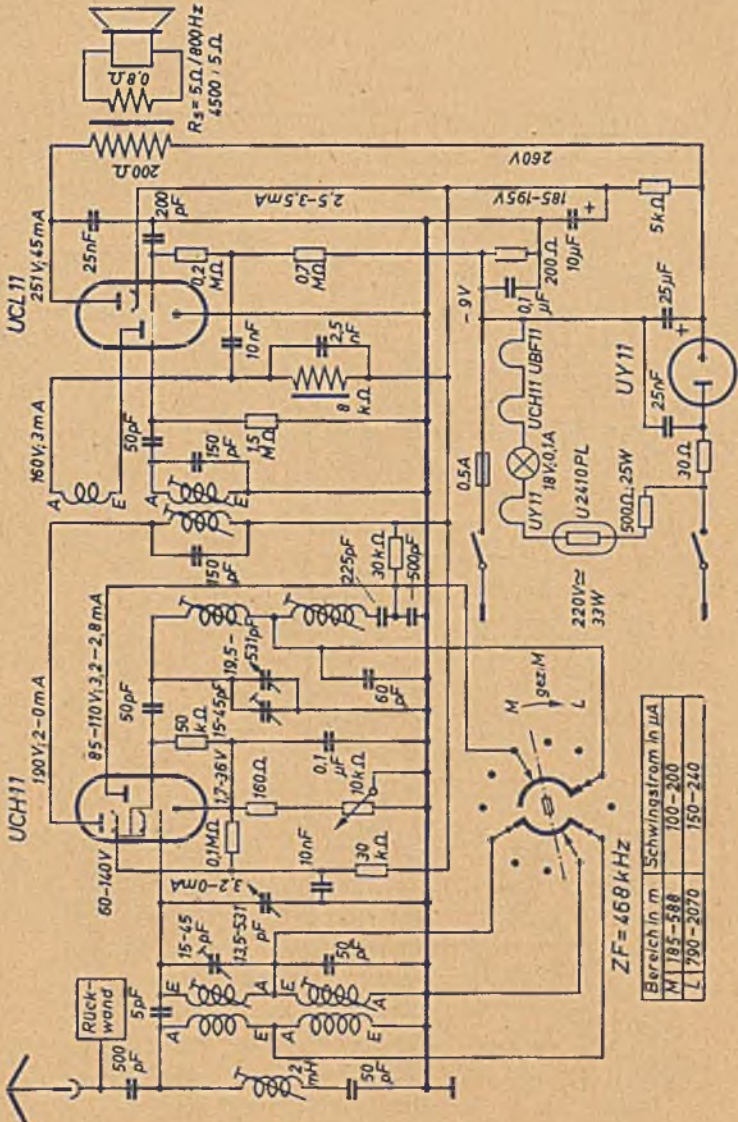


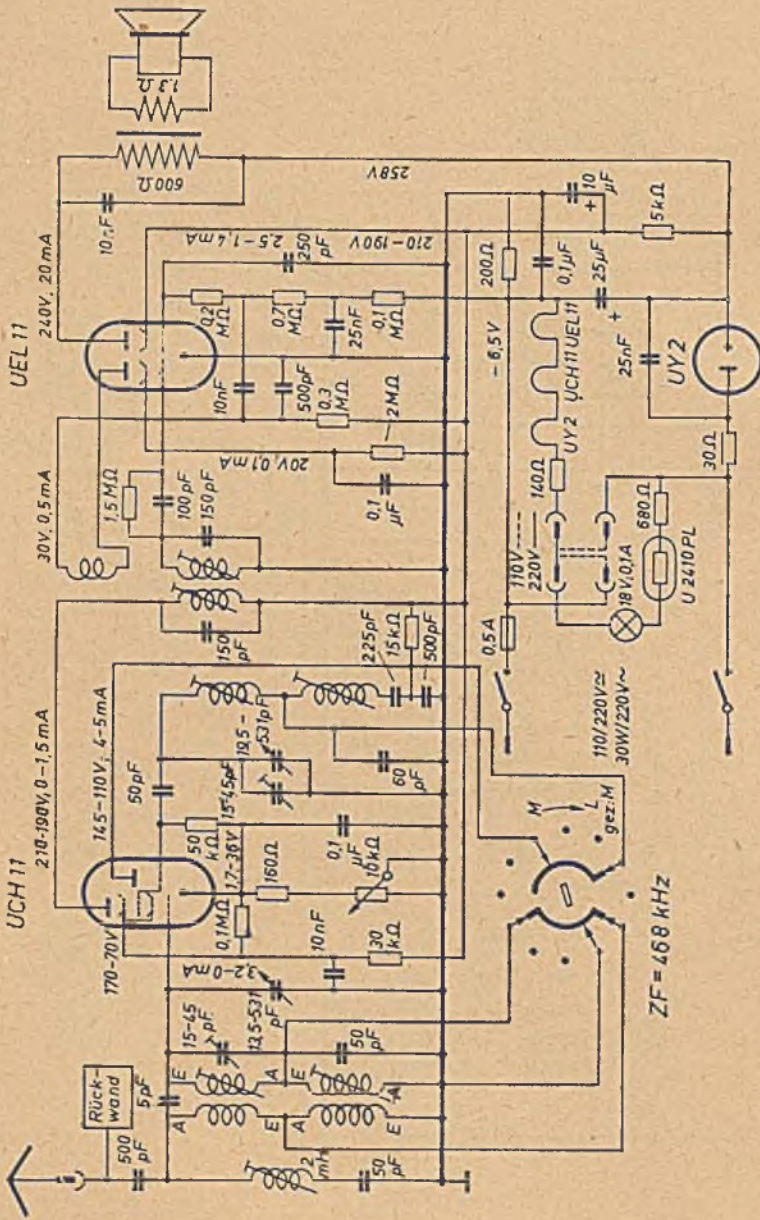


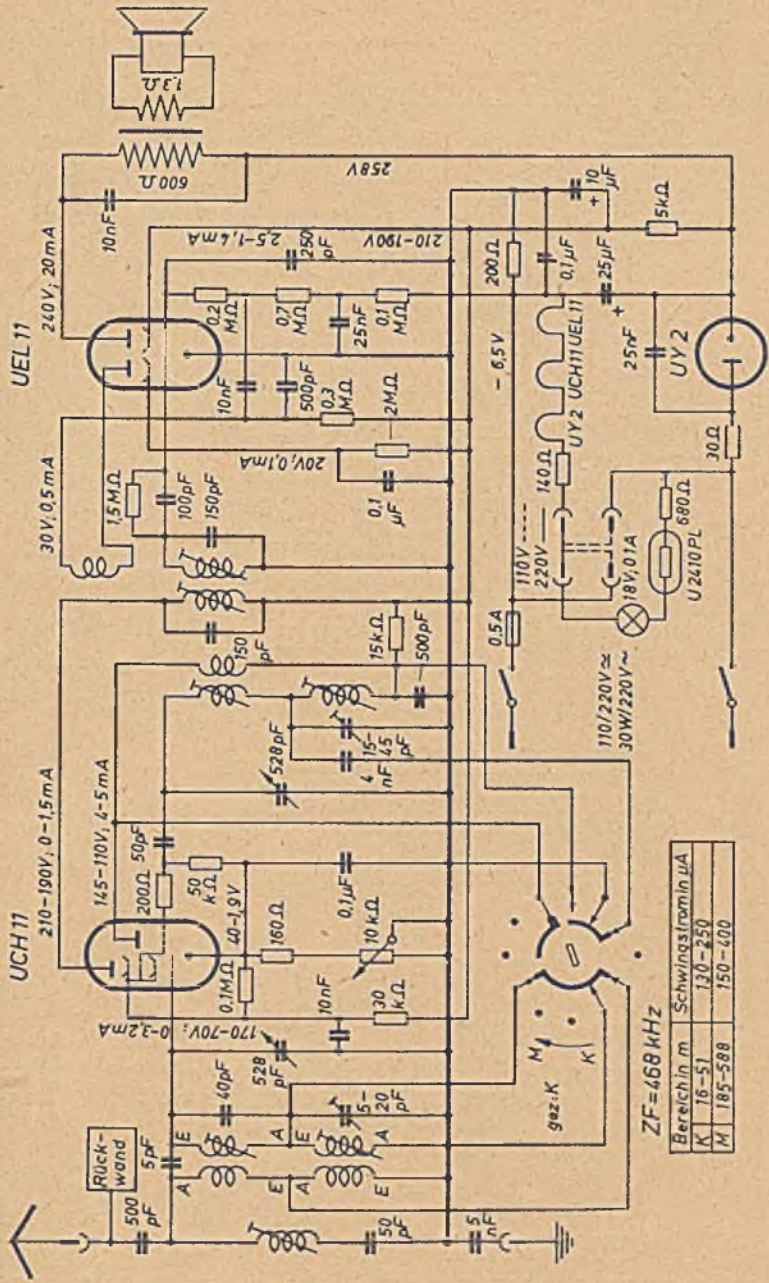
BRANDT

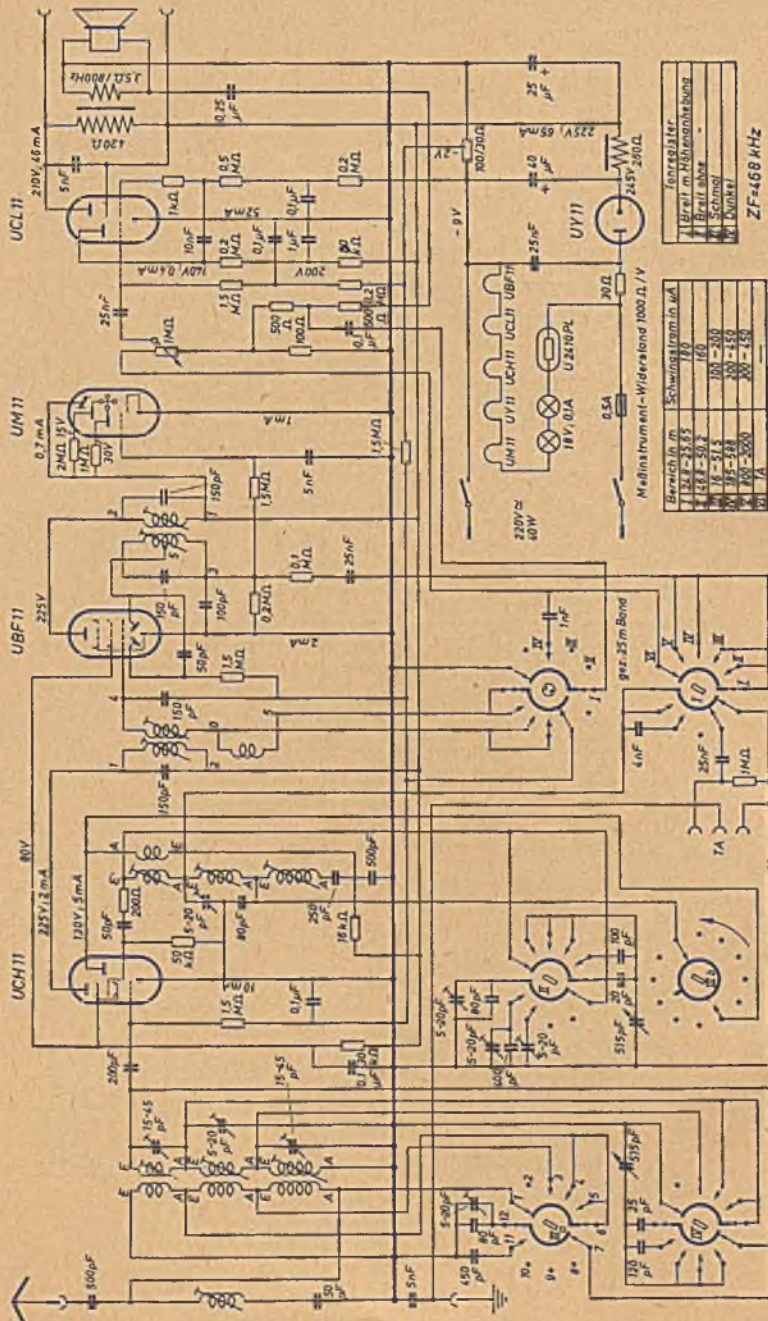
(Produktion nach 1945)











Leistungsfaktor

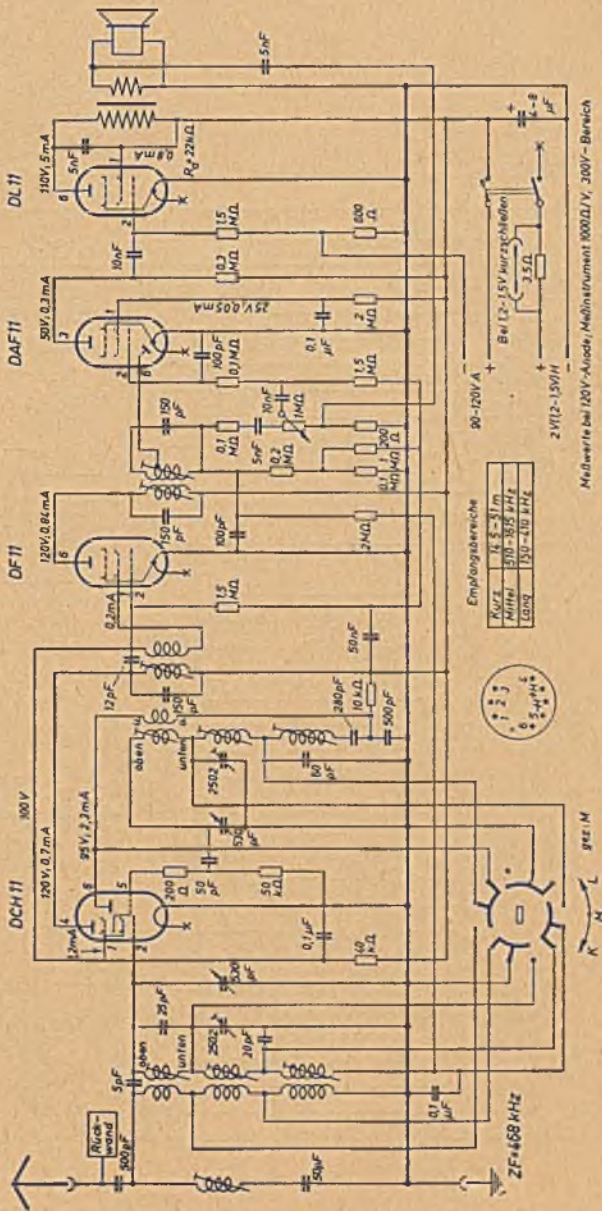
1. Bereich in m	Schwingstrom in mA
1. Bereich	100 - 200
2. Bereich	200 - 400
3. Bereich	400 - 600
4. Bereich	600 - 800
5. Bereich	800 - 1000
6. Bereich	1000 - 1200
7. Bereich	1200 - 1400
8. Bereich	1400 - 1600
9. Bereich	1600 - 1800
10. Bereich	1800 - 2000
11. Bereich	2000 - 2200
12. Bereich	2200 - 2400
13. Bereich	2400 - 2600
14. Bereich	2600 - 2800
15. Bereich	2800 - 3000
16. Bereich	3000 - 3200
17. Bereich	3200 - 3400
18. Bereich	3400 - 3600
19. Bereich	3600 - 3800
20. Bereich	3800 - 4000
21. Bereich	4000 - 4200
22. Bereich	4200 - 4400
23. Bereich	4400 - 4600
24. Bereich	4600 - 4800
25. Bereich	4800 - 5000
26. Bereich	5000 - 5200
27. Bereich	5200 - 5400
28. Bereich	5400 - 5600
29. Bereich	5600 - 5800
30. Bereich	5800 - 6000
31. Bereich	6000 - 6200
32. Bereich	6200 - 6400
33. Bereich	6400 - 6600
34. Bereich	6600 - 6800
35. Bereich	6800 - 7000
36. Bereich	7000 - 7200
37. Bereich	7200 - 7400
38. Bereich	7400 - 7600
39. Bereich	7600 - 7800
40. Bereich	7800 - 8000
41. Bereich	8000 - 8200
42. Bereich	8200 - 8400
43. Bereich	8400 - 8600
44. Bereich	8600 - 8800
45. Bereich	8800 - 9000
46. Bereich	9000 - 9200
47. Bereich	9200 - 9400
48. Bereich	9400 - 9600
49. Bereich	9600 - 9800
50. Bereich	9800 - 10000

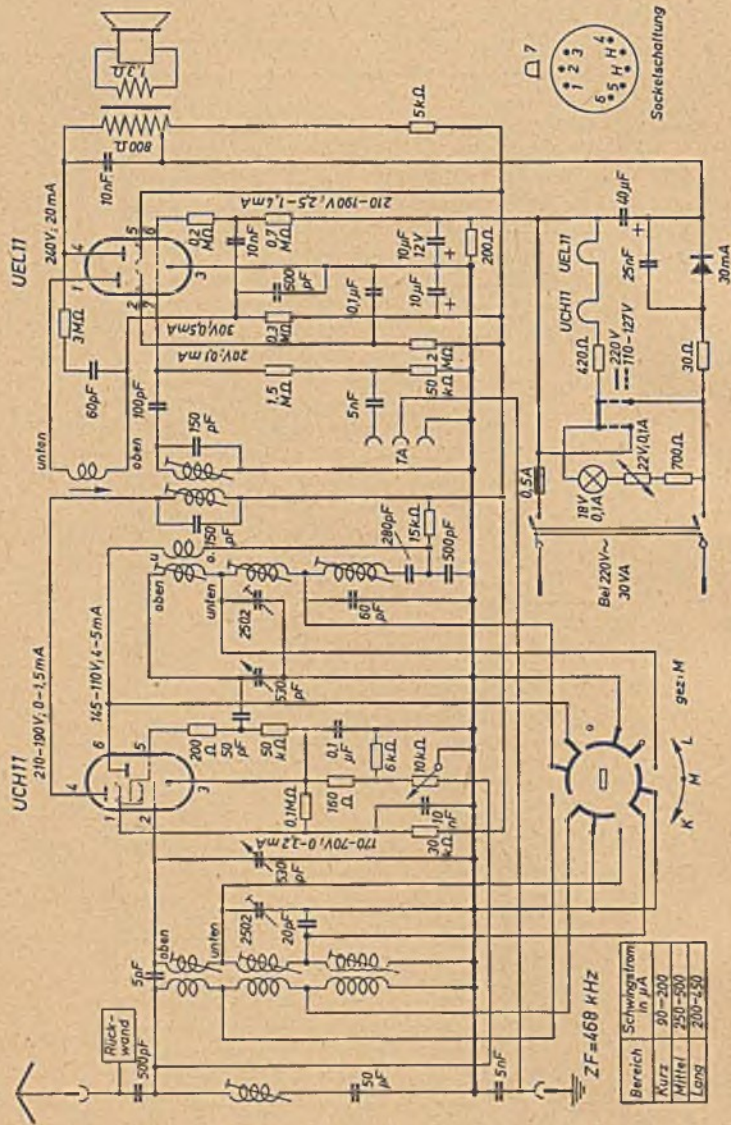
Medialinstrument-Widerstand 1000 Ω / V

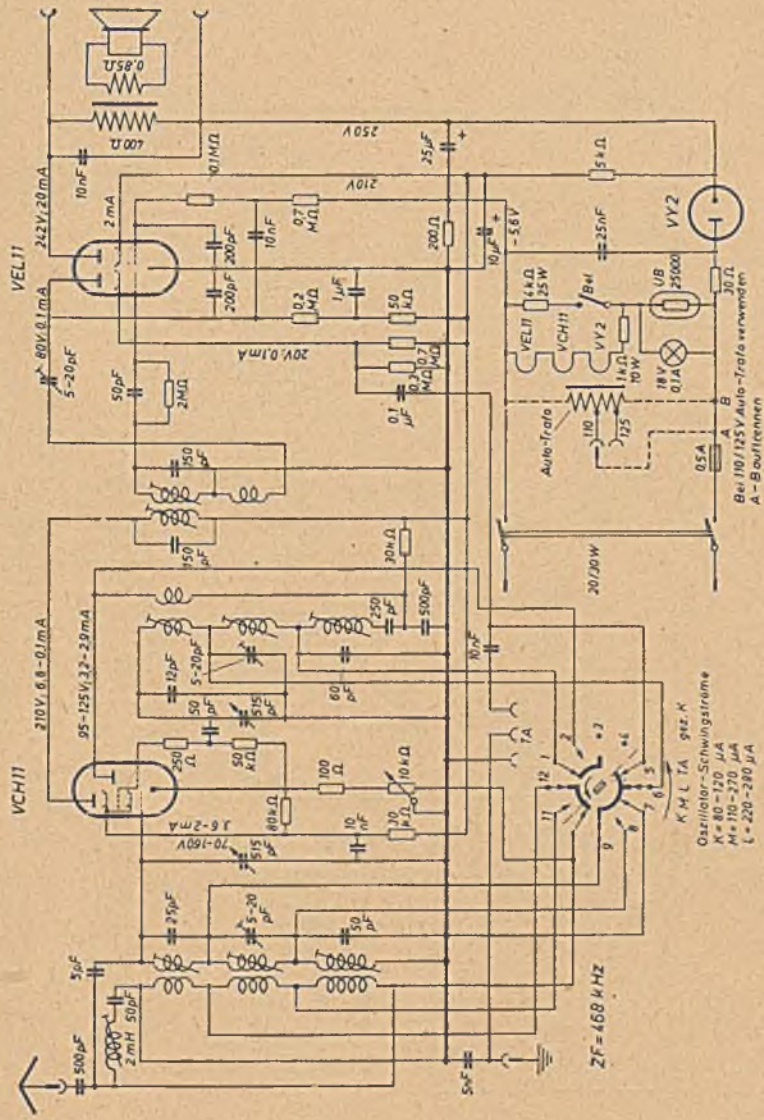
1. Bereich	1000 - 1200
2. Bereich	1200 - 1400
3. Bereich	1400 - 1600
4. Bereich	1600 - 1800
5. Bereich	1800 - 2000
6. Bereich	2000 - 2200
7. Bereich	2200 - 2400
8. Bereich	2400 - 2600
9. Bereich	2600 - 2800
10. Bereich	2800 - 3000
11. Bereich	3000 - 3200
12. Bereich	3200 - 3400
13. Bereich	3400 - 3600
14. Bereich	3600 - 3800
15. Bereich	3800 - 4000
16. Bereich	4000 - 4200
17. Bereich	4200 - 4400
18. Bereich	4400 - 4600
19. Bereich	4600 - 4800
20. Bereich	4800 - 5000
21. Bereich	5000 - 5200
22. Bereich	5200 - 5400
23. Bereich	5400 - 5600
24. Bereich	5600 - 5800
25. Bereich	5800 - 6000
26. Bereich	6000 - 6200
27. Bereich	6200 - 6400
28. Bereich	6400 - 6600
29. Bereich	6600 - 6800
30. Bereich	6800 - 7000
31. Bereich	7000 - 7200
32. Bereich	7200 - 7400
33. Bereich	7400 - 7600
34. Bereich	7600 - 7800
35. Bereich	7800 - 8000
36. Bereich	8000 - 8200
37. Bereich	8200 - 8400
38. Bereich	8400 - 8600
39. Bereich	8600 - 8800
40. Bereich	8800 - 9000
41. Bereich	9000 - 9200
42. Bereich	9200 - 9400
43. Bereich	9400 - 9600
44. Bereich	9600 - 9800
45. Bereich	9800 - 10000

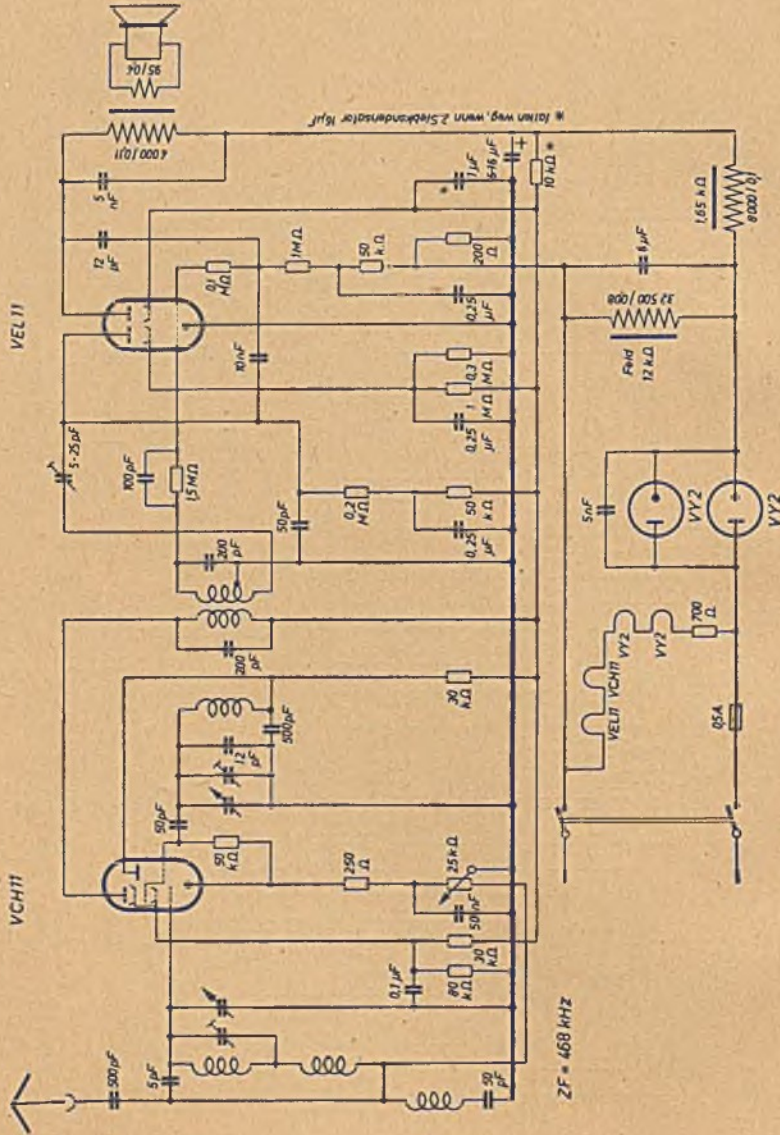
ZF=468 kHz

Brandt 550 B „Melodie“

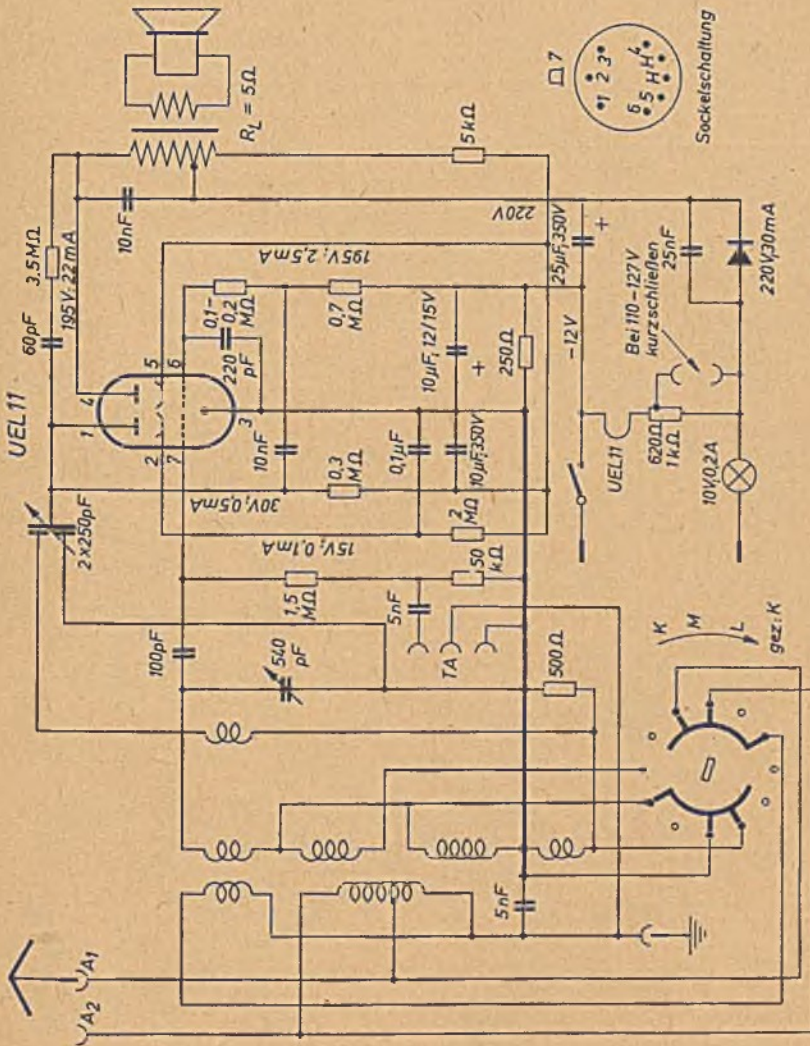


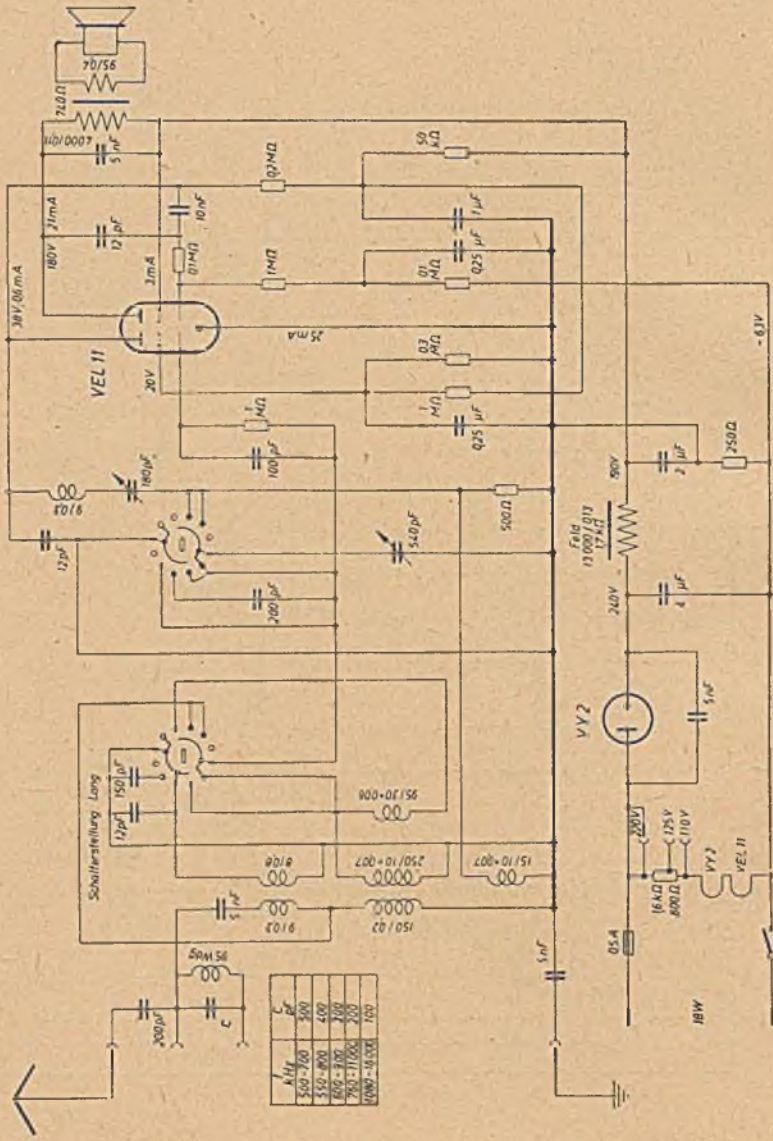






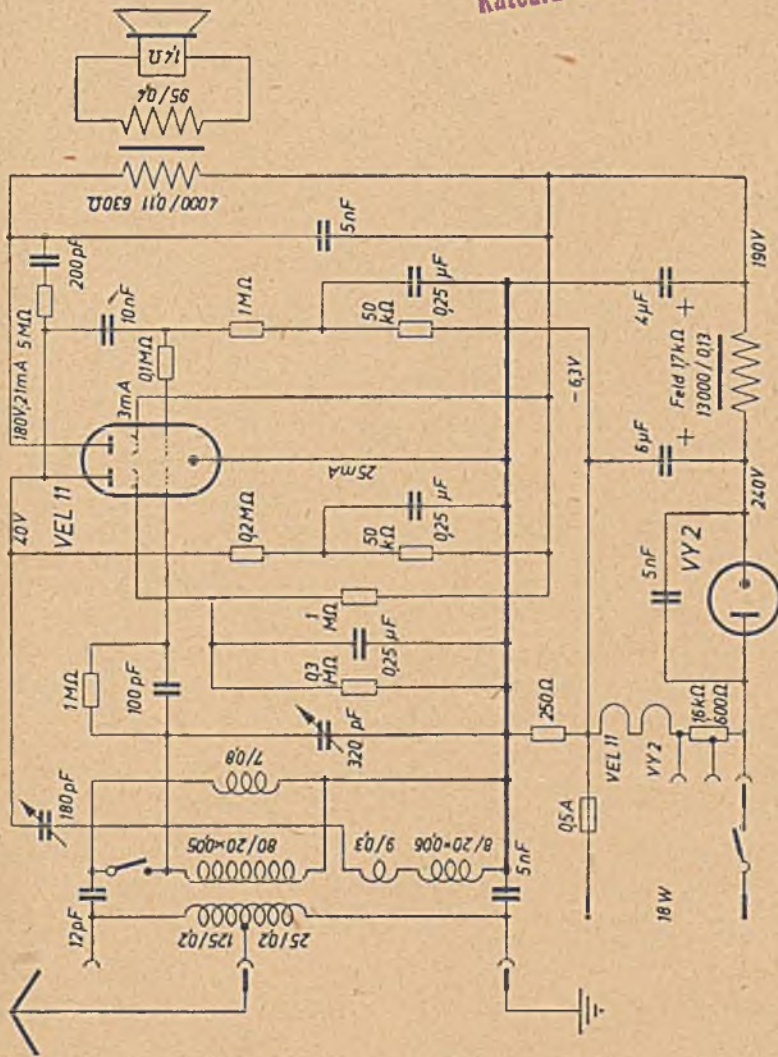
Brandt 150 GW „Kobold“

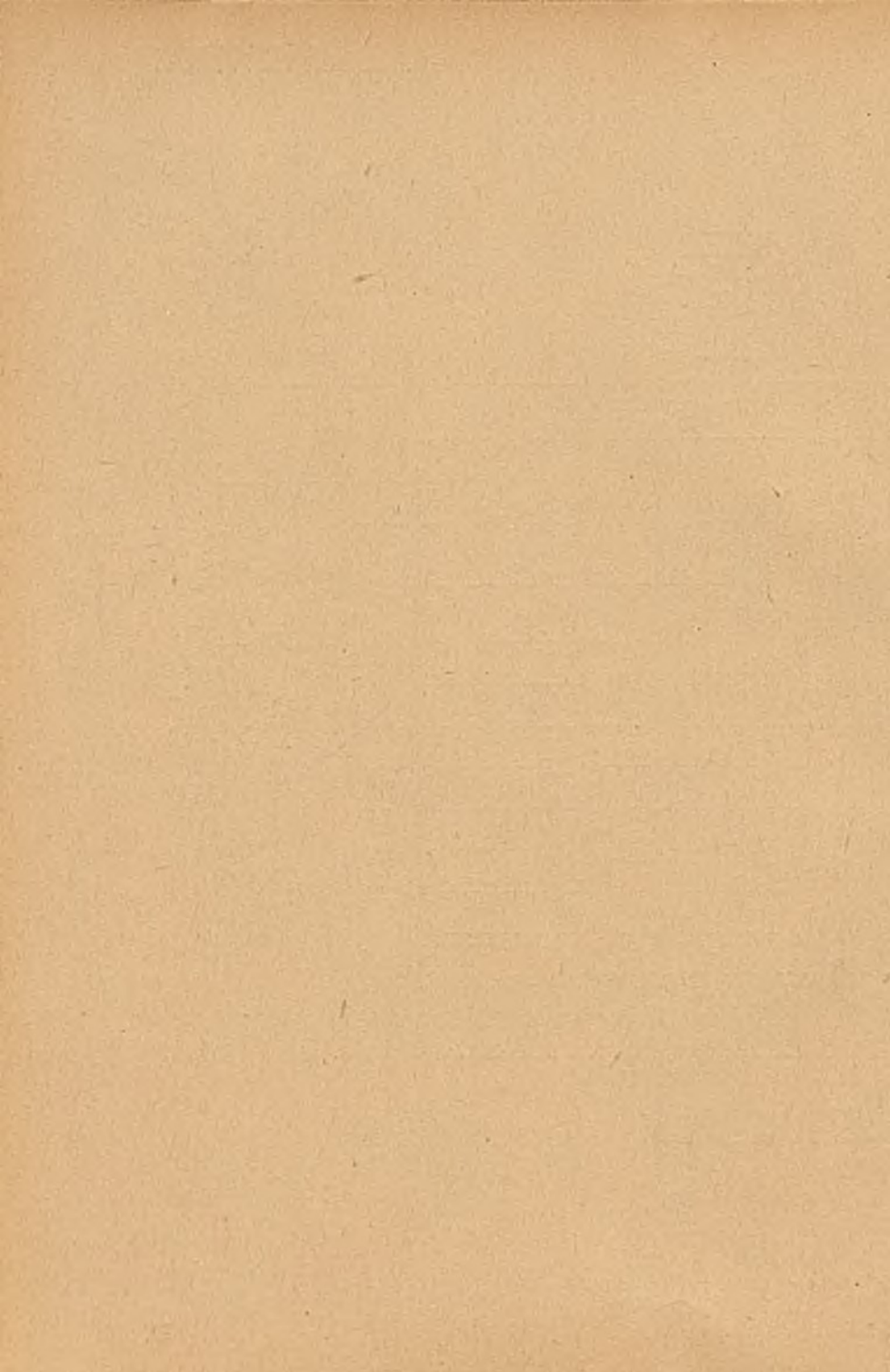




kHz	μF
550-750	500
550-400	400
400-300	300
300-170	200
100-10	100

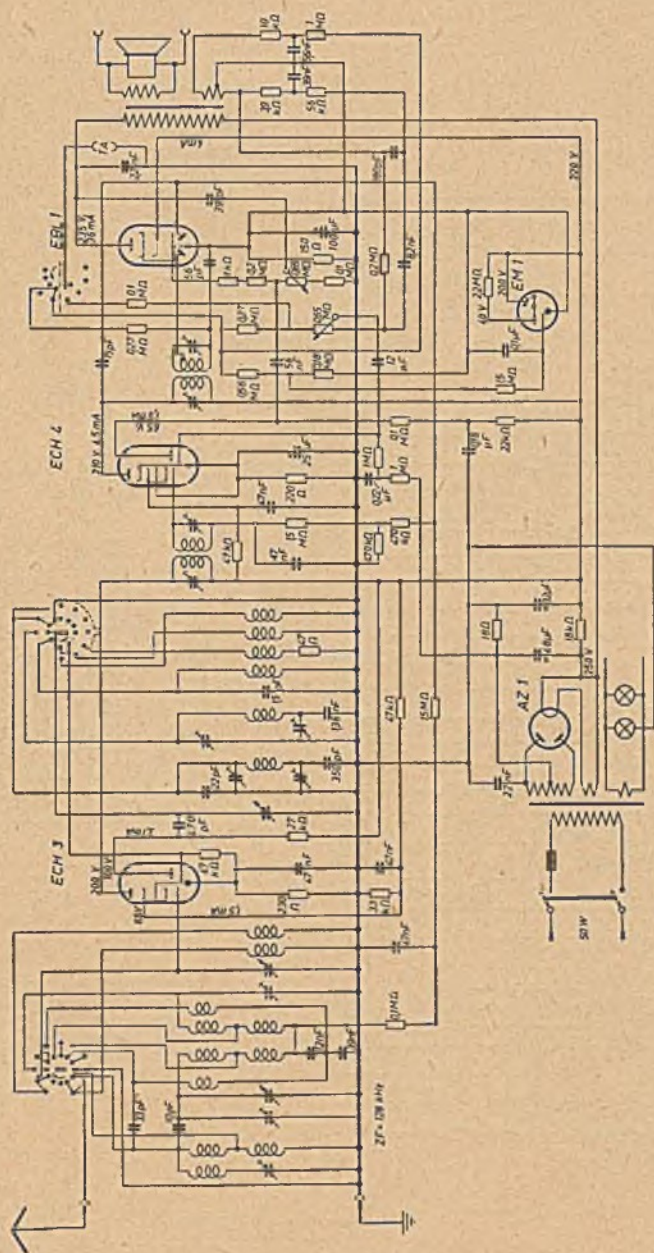
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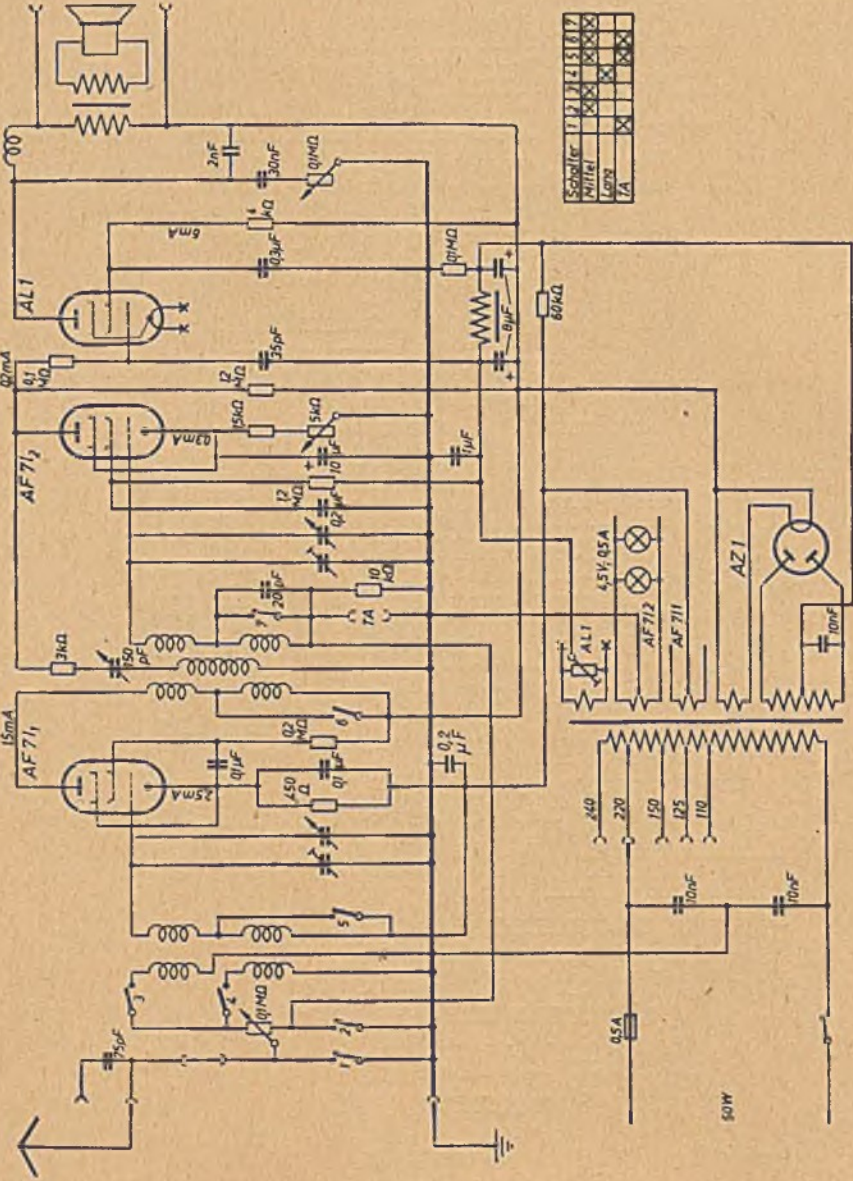


BRANDT
(Produktion vor 1945)

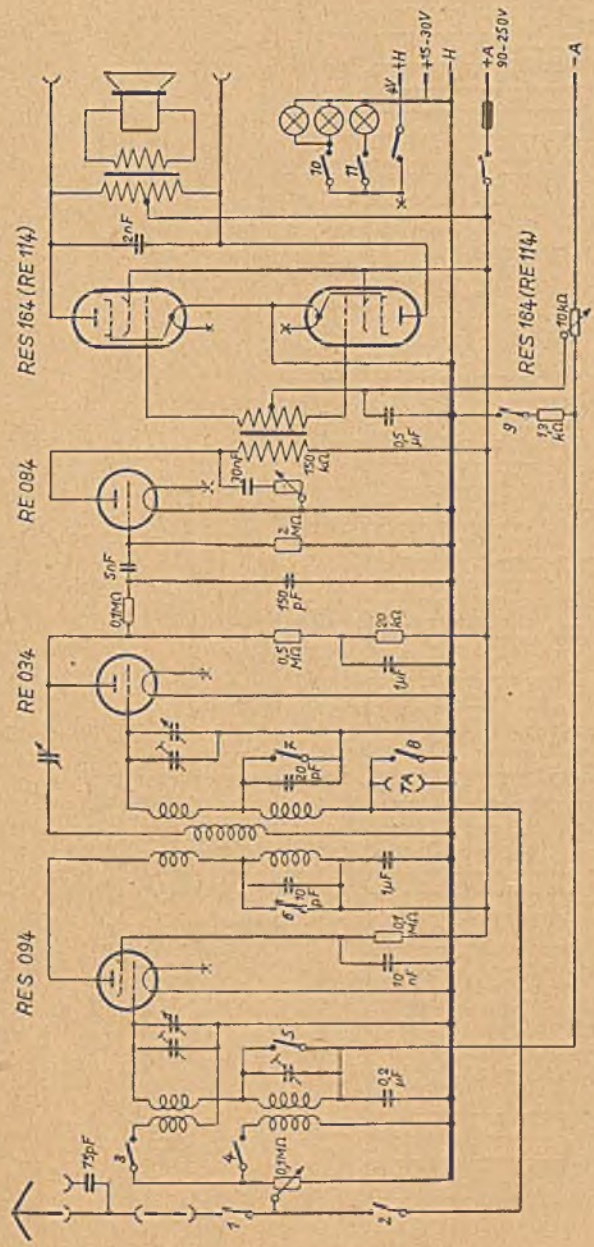




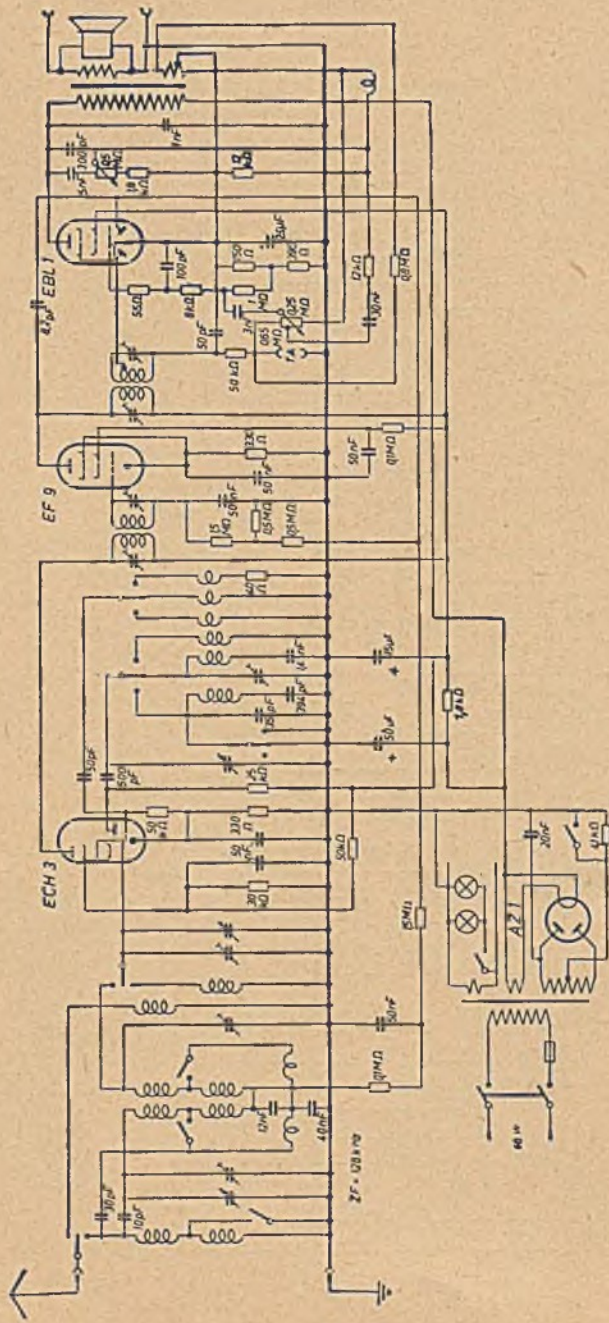
Brandt 217 W Columbus

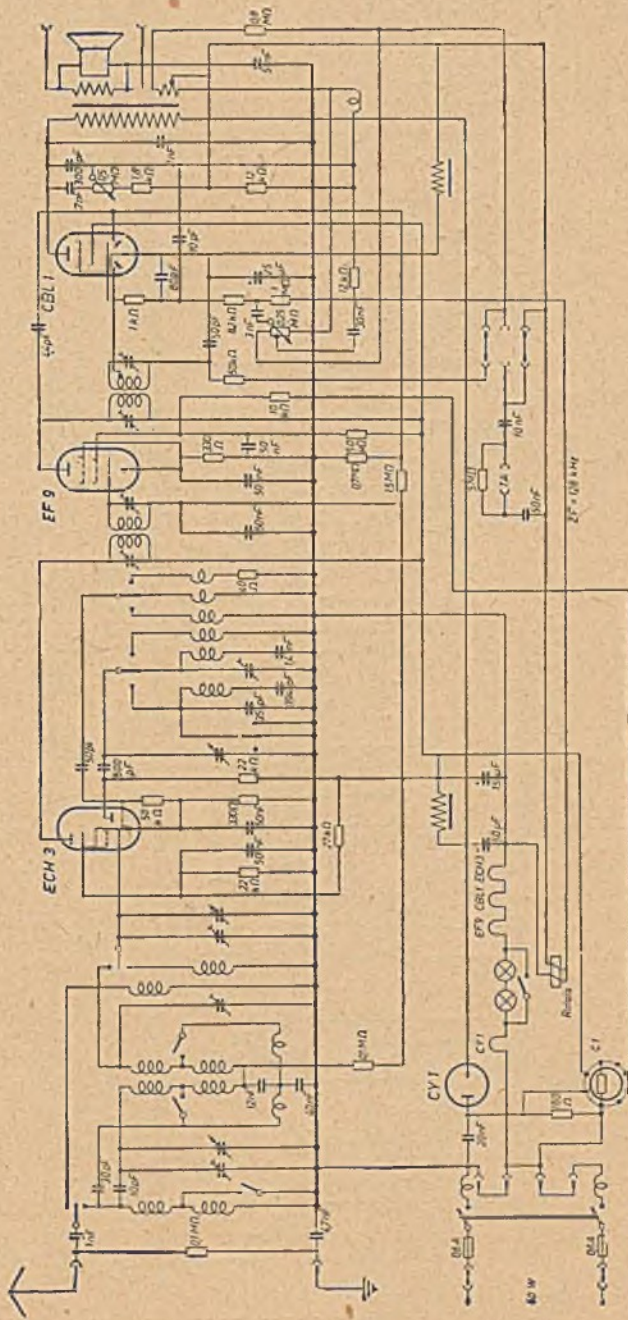


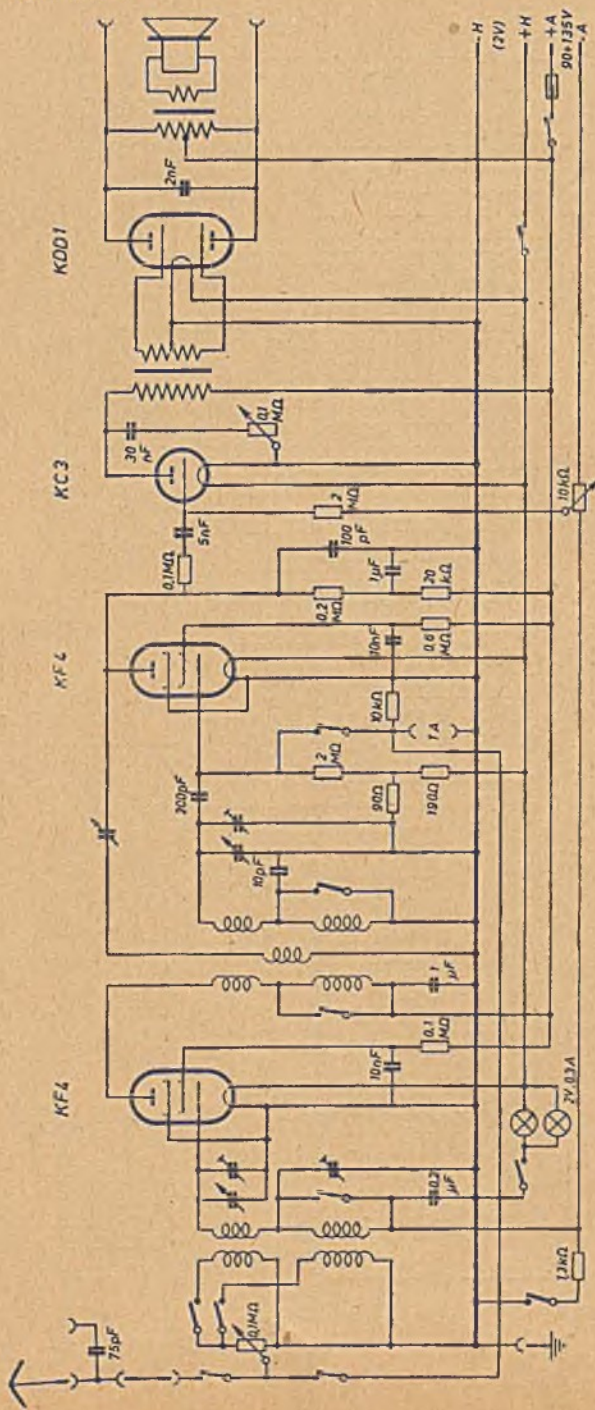
Symbol	1	2	3	4	5	6	7
Schalter	X	X	X	X	X	X	X
Mittel	X	X	X	X	X	X	X
Leuch	X	X	X	X	X	X	X
TA	X	X	X	X	X	X	X

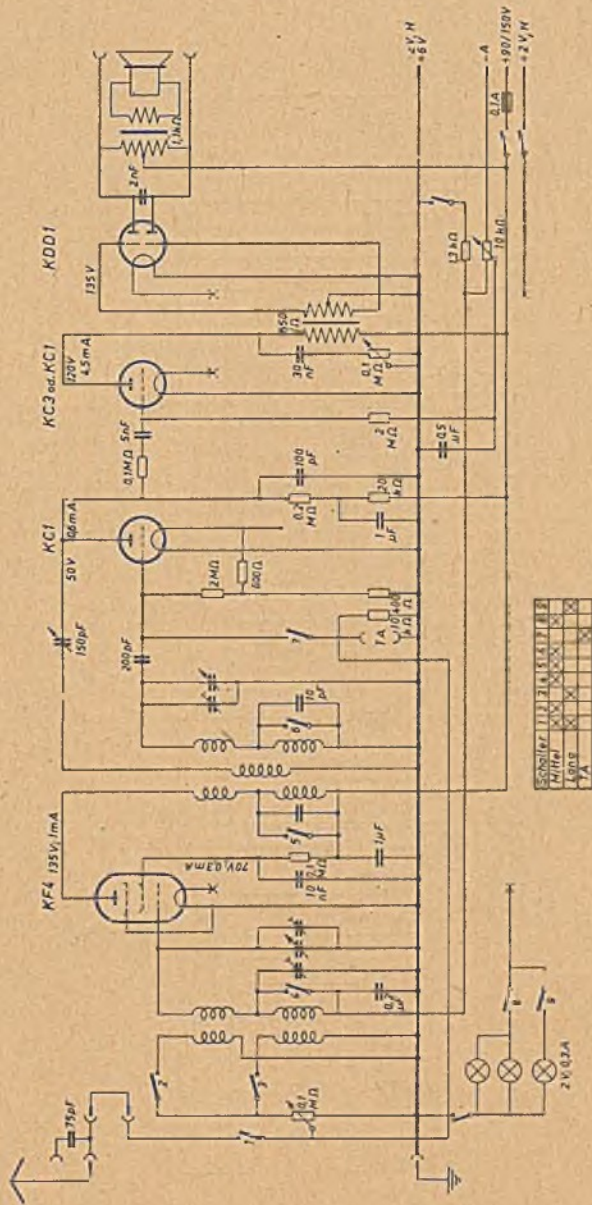


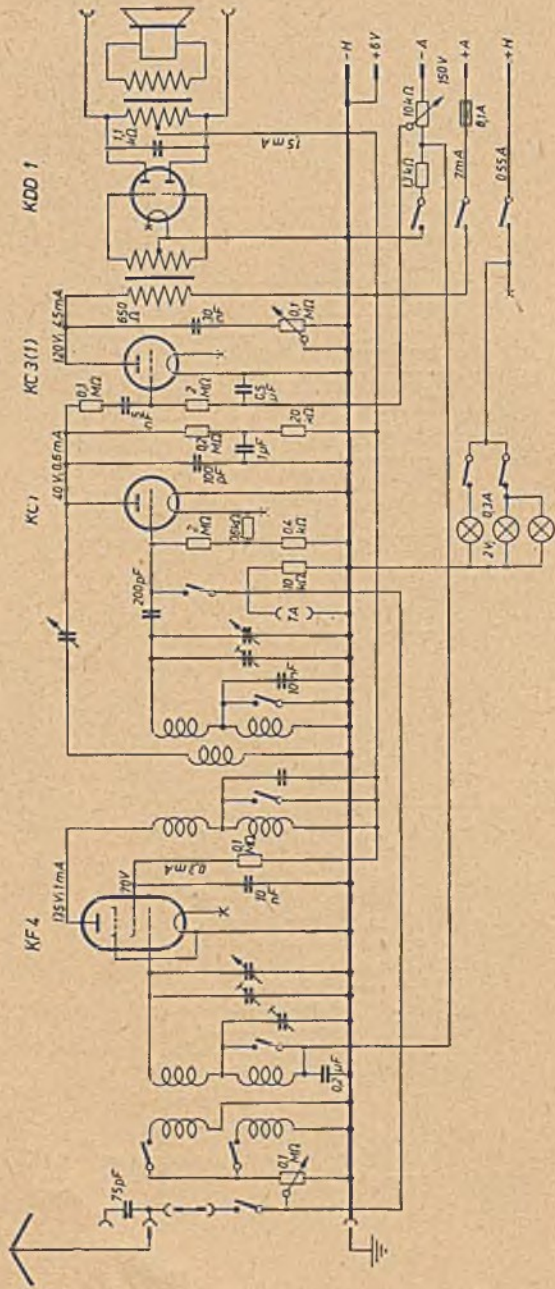
Schalter	1	2	3	4	5	6	7	8	9	10/11
Mittel										
Lang										
TA										

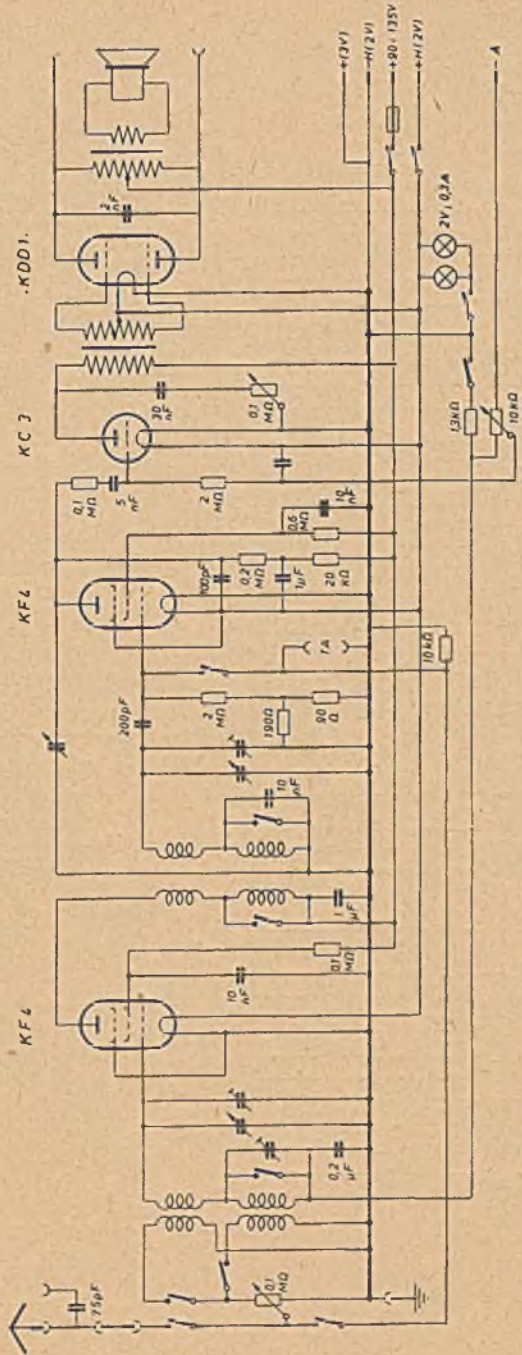




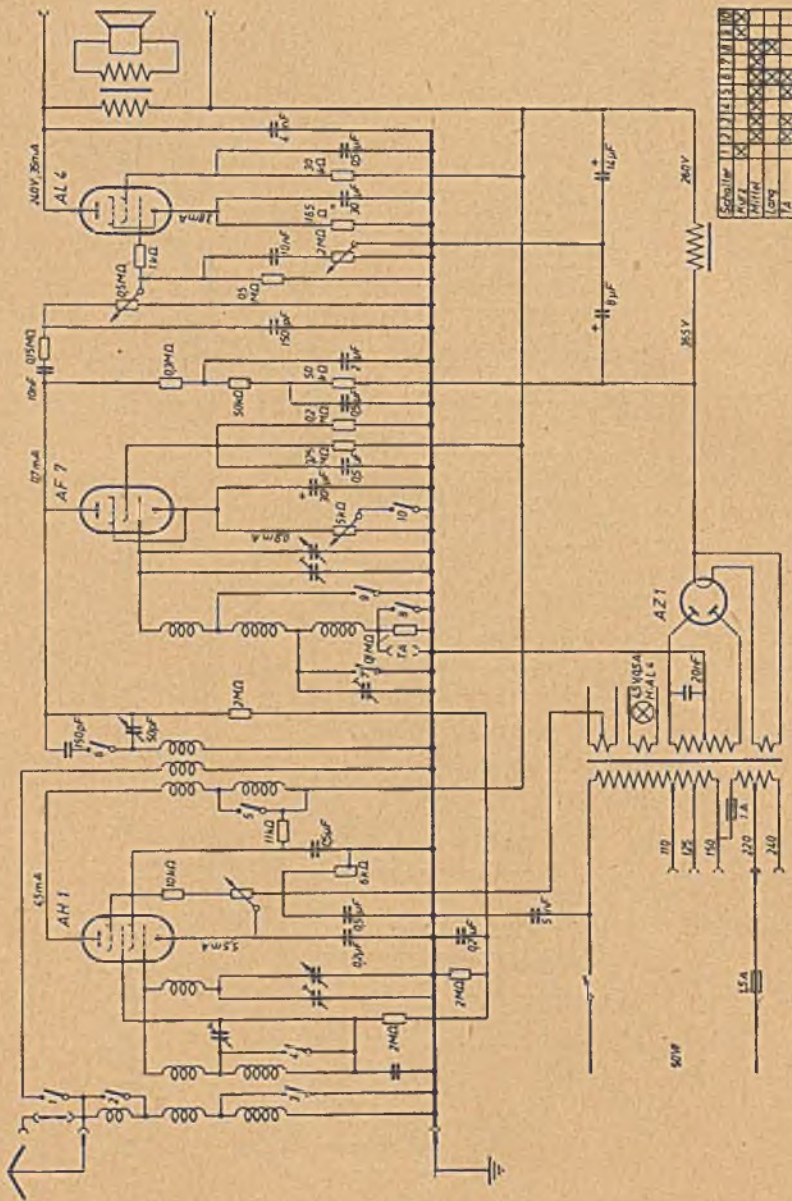




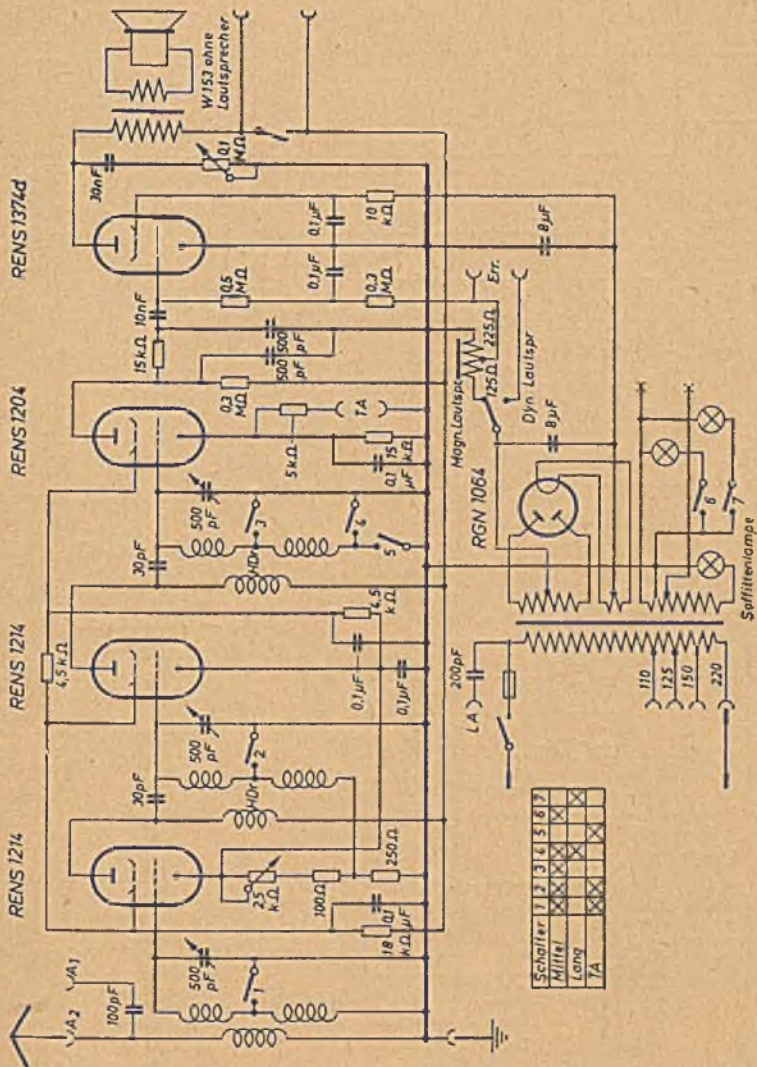




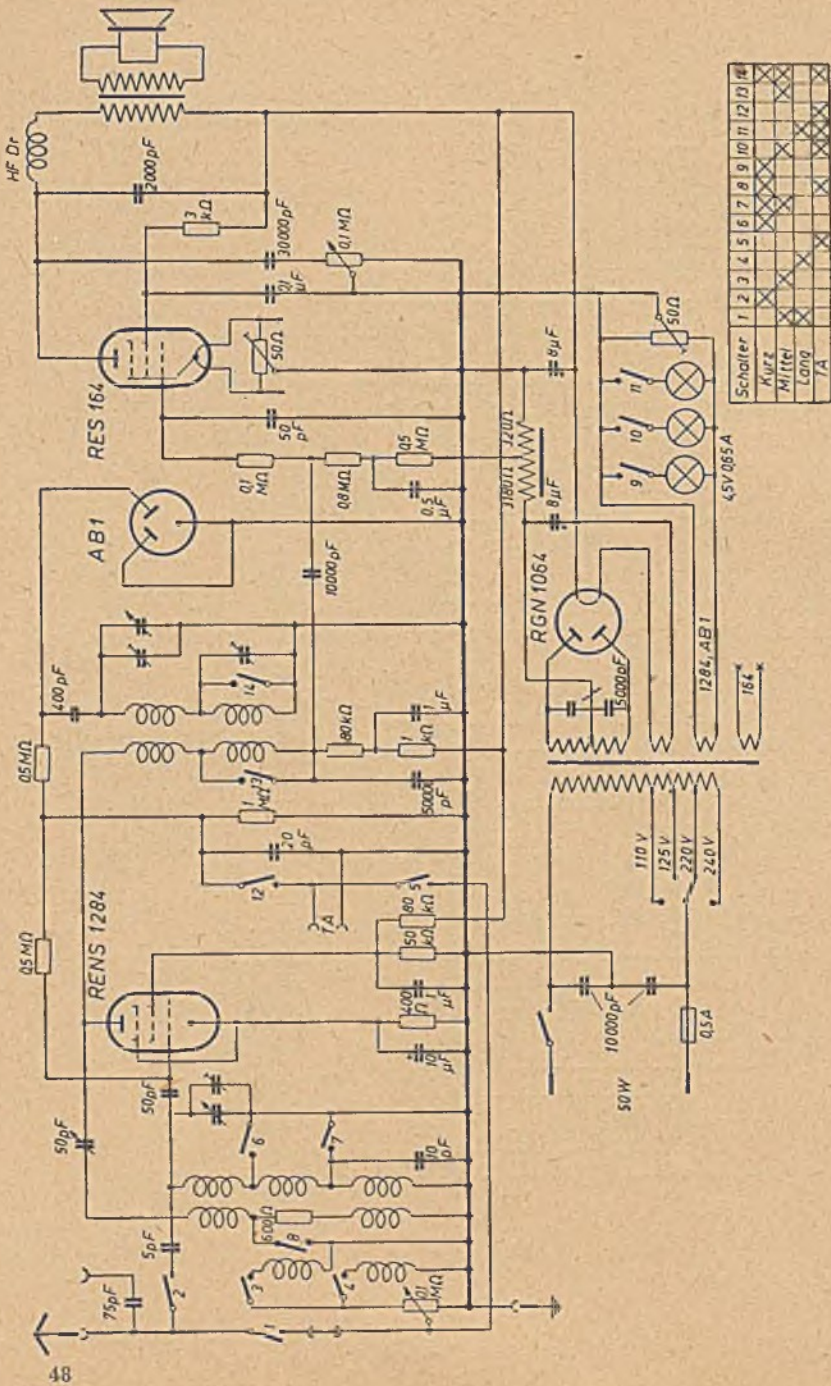
In der Rückkopplungsleitung der Audionröhre **KF 4** liegt zwischen dem Drehkondensator und der Masselinie eine Spule



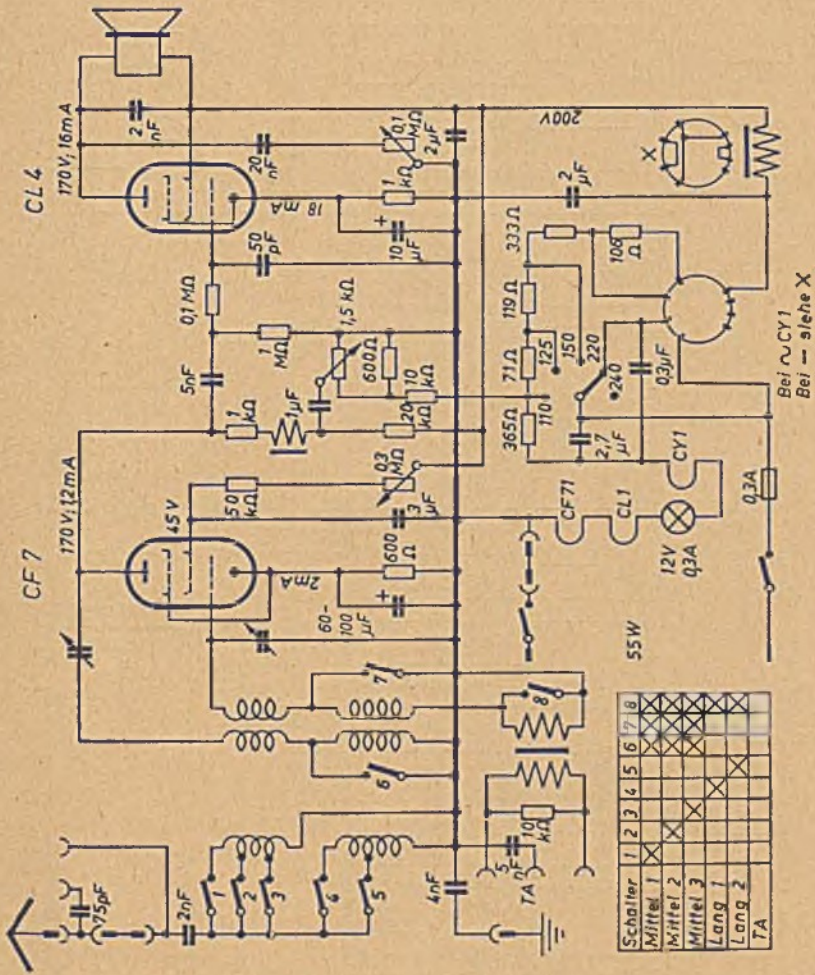
Schalter	1	2	3	4	5	6	7	8	9	10
AKA										
Mittel										
Lanz										
TA										

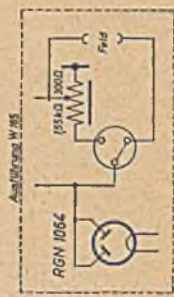
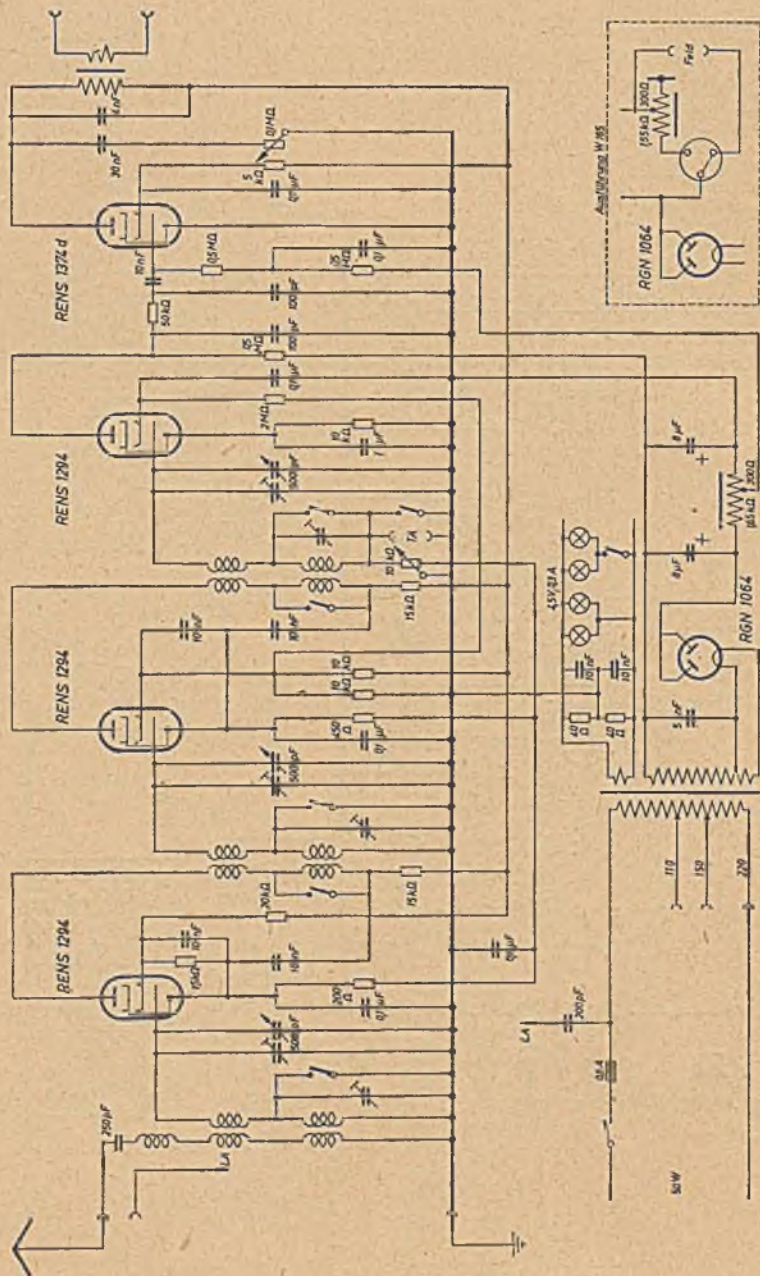


Brandt 170-2/2 Columbus

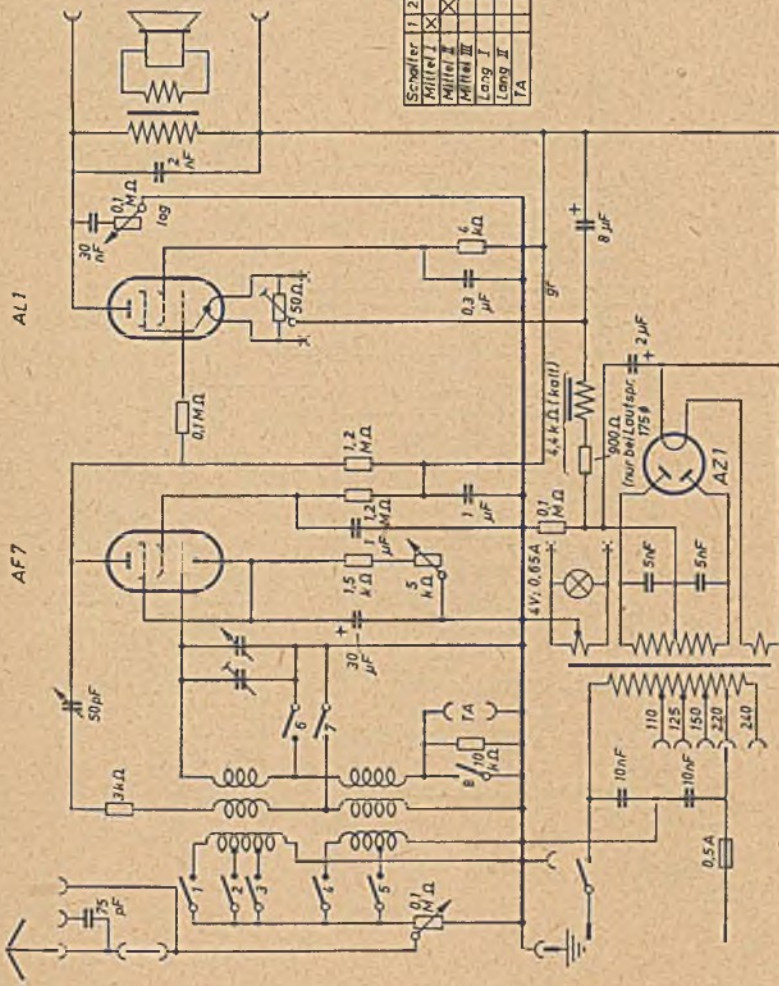


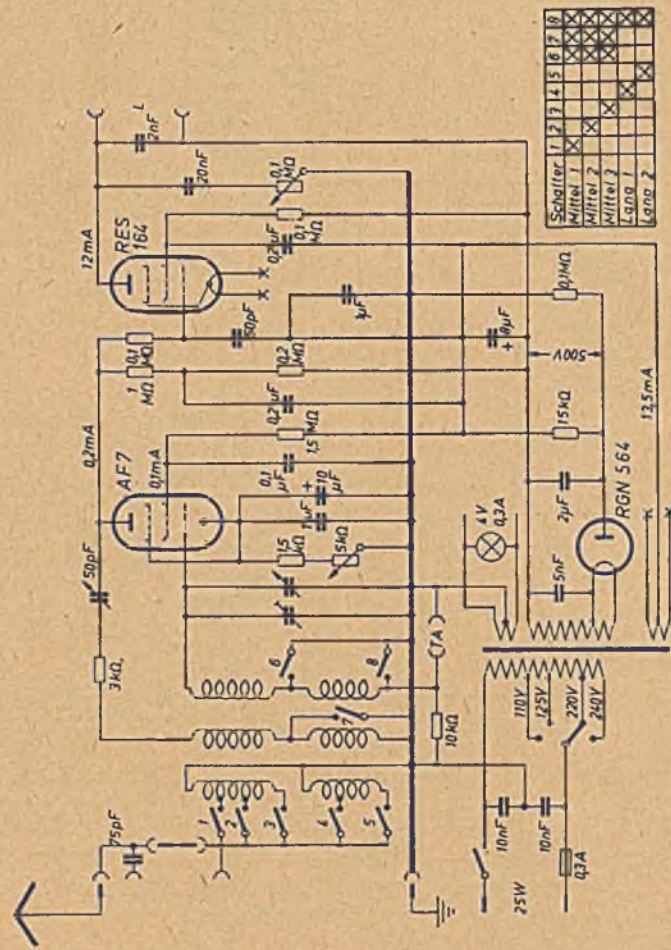
Schalter	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Kurz	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mittel	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Lang	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
T/A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X



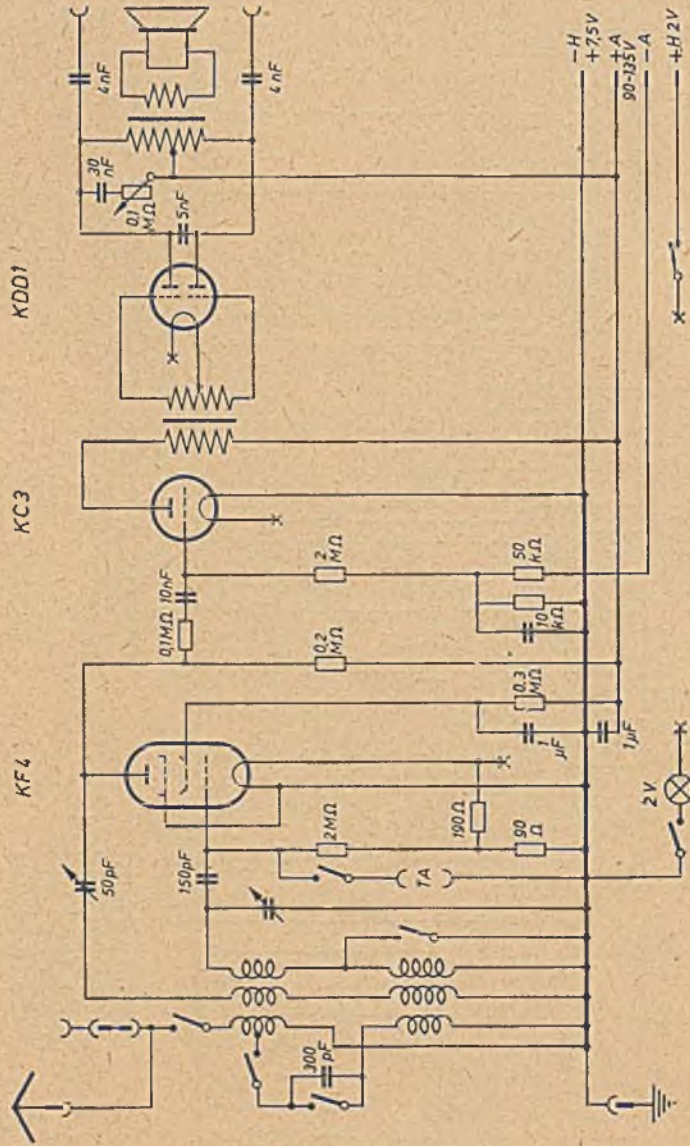


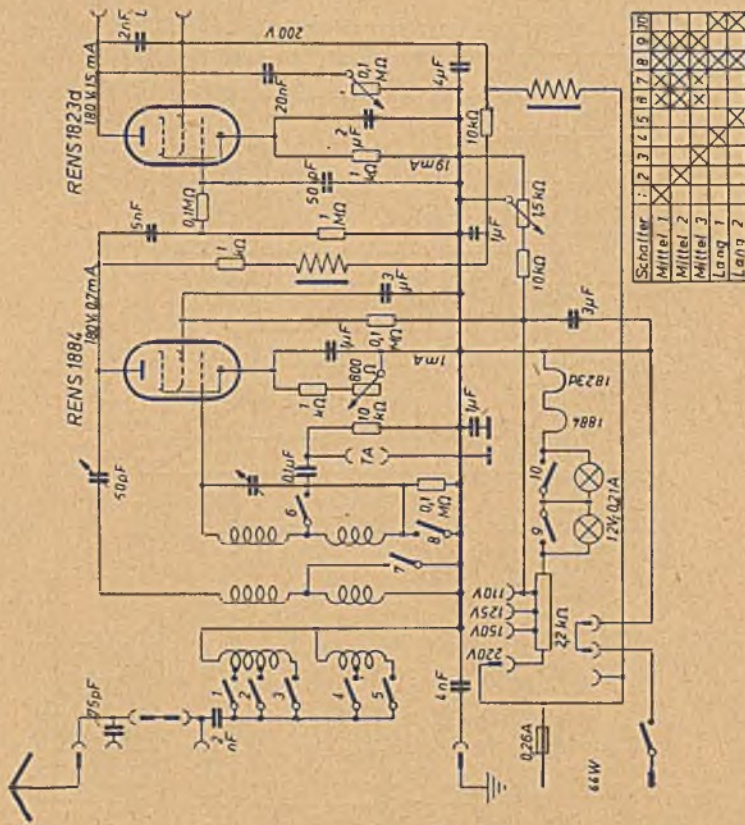
Spekter	1	2	3	4	5	6	7	8
Mittel I	X	X	X	X	X	X	X	X
Mittel II	X	X	X	X	X	X	X	X
Mittel III	X	X	X	X	X	X	X	X
Lang I	X	X	X	X	X	X	X	X
Lang II	X	X	X	X	X	X	X	X
TA								



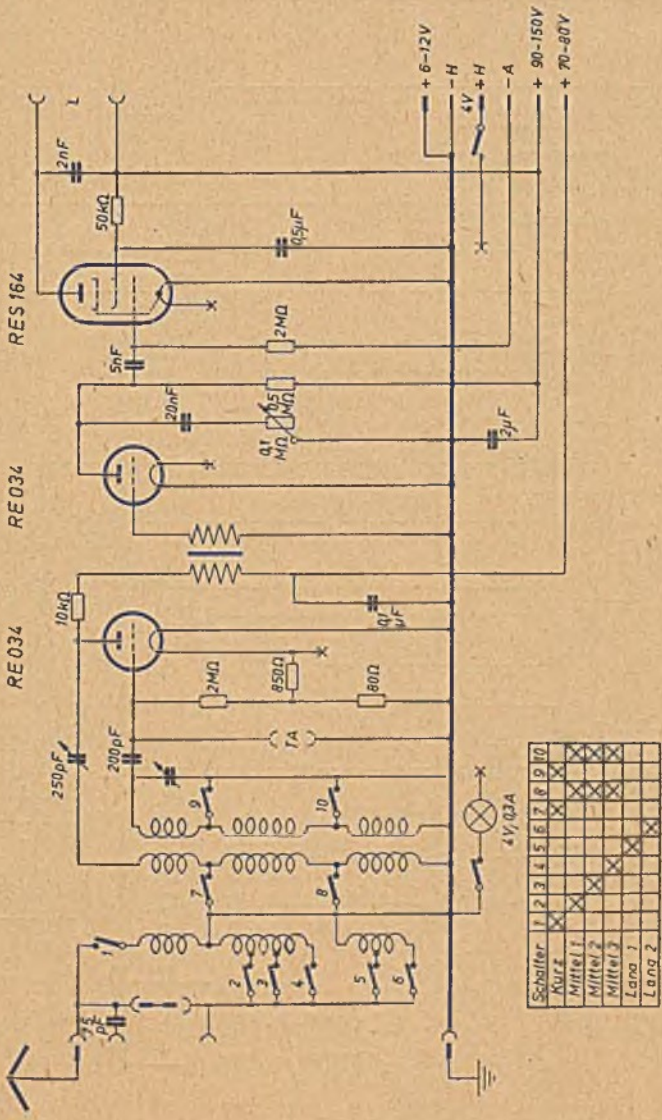


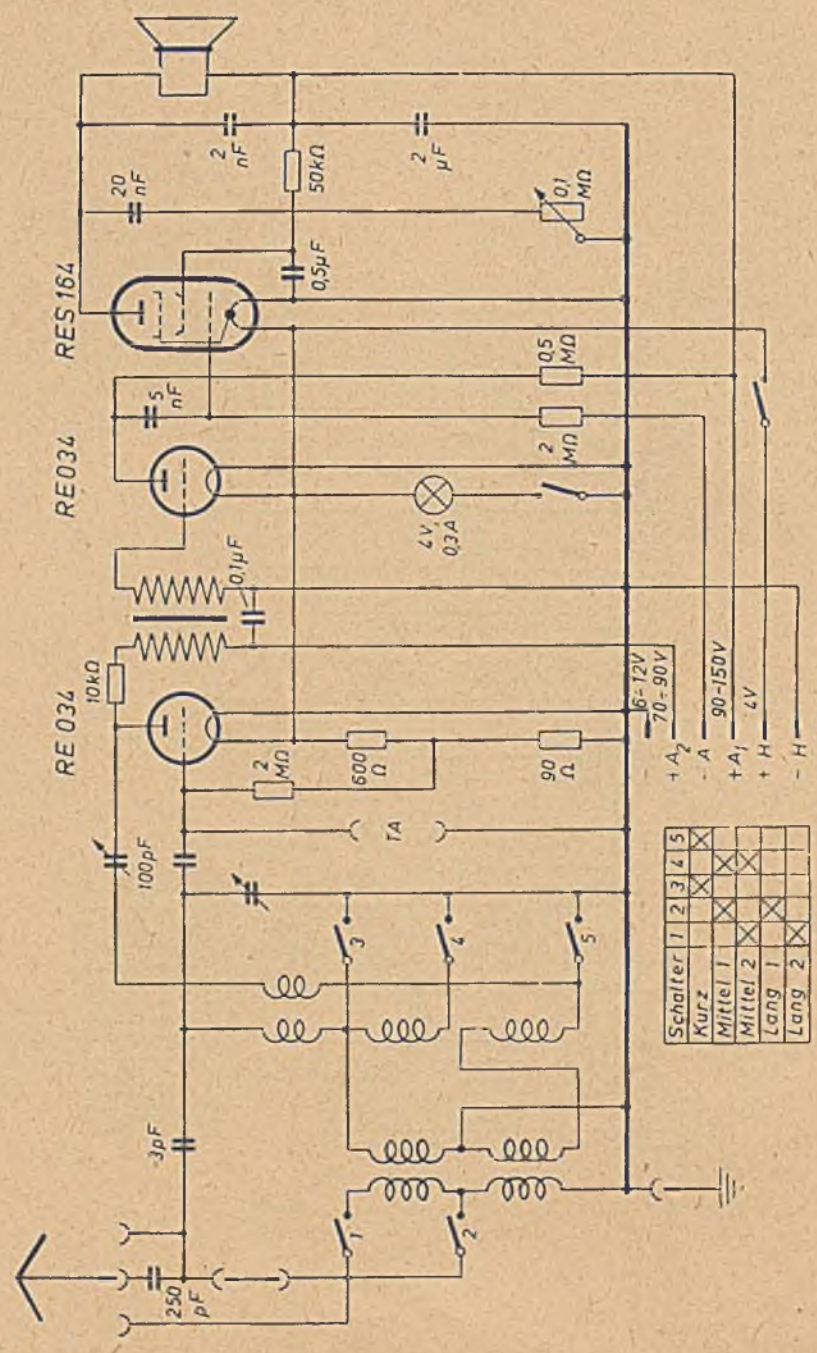
Schalter 1																				
Mittel 1																				
Mittel 2																				
Lage 1																				
Lage 2																				

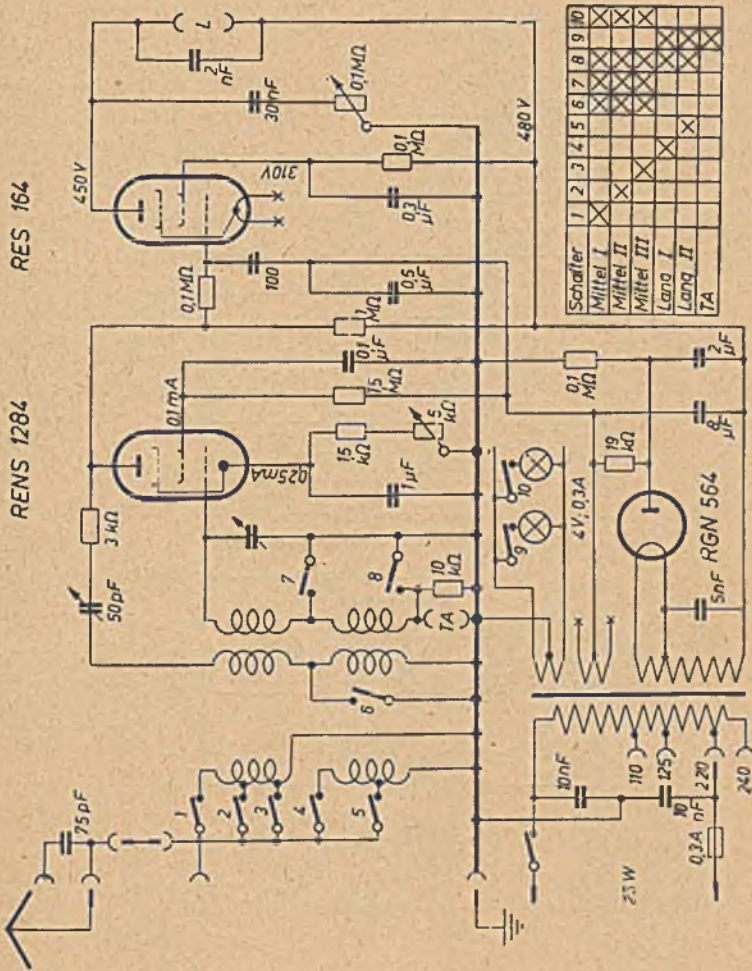


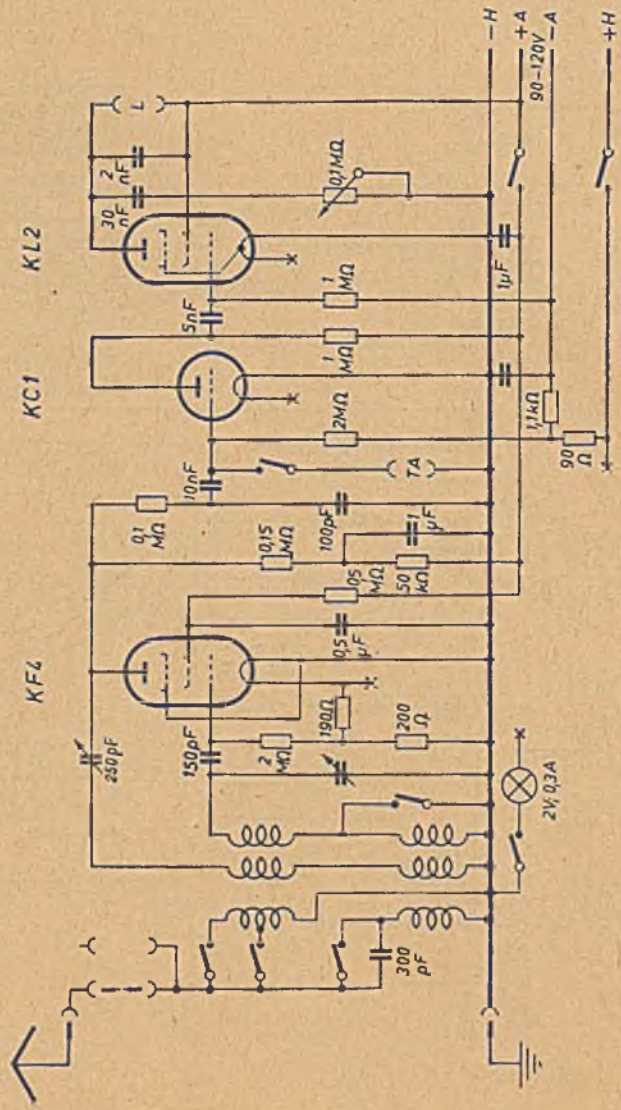


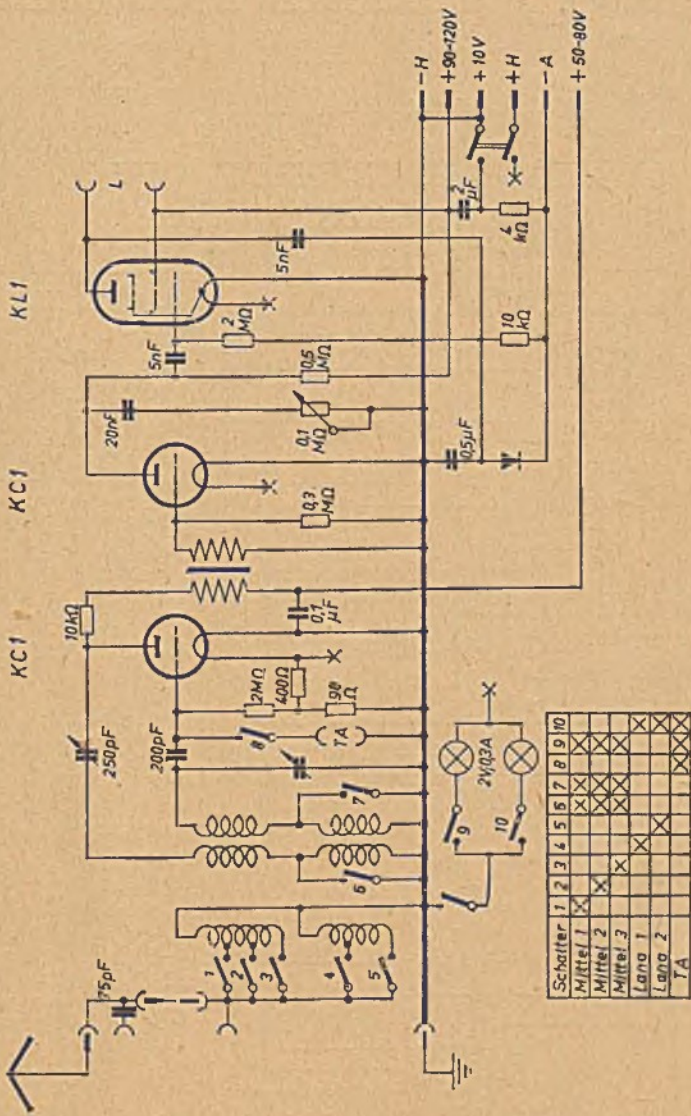
Schalter 1	1	2	3	4	5	6	7	8	9	10
Mittel 1	X	X	X	X	X	X	X	X	X	X
Mittel 2	X	X	X	X	X	X	X	X	X	X
Mittel 3	X	X	X	X	X	X	X	X	X	X
Lang 1	X	X	X	X	X	X	X	X	X	X
Lang 2	X	X	X	X	X	X	X	X	X	X



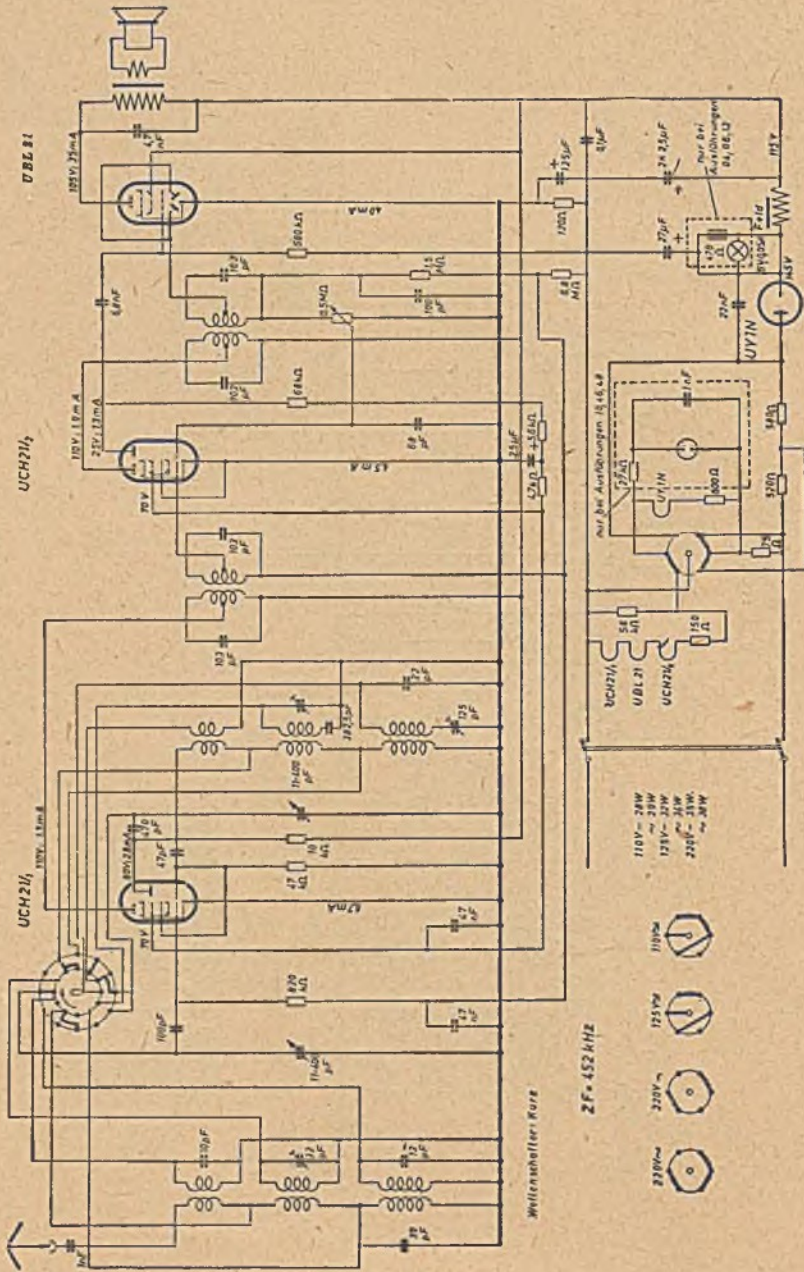


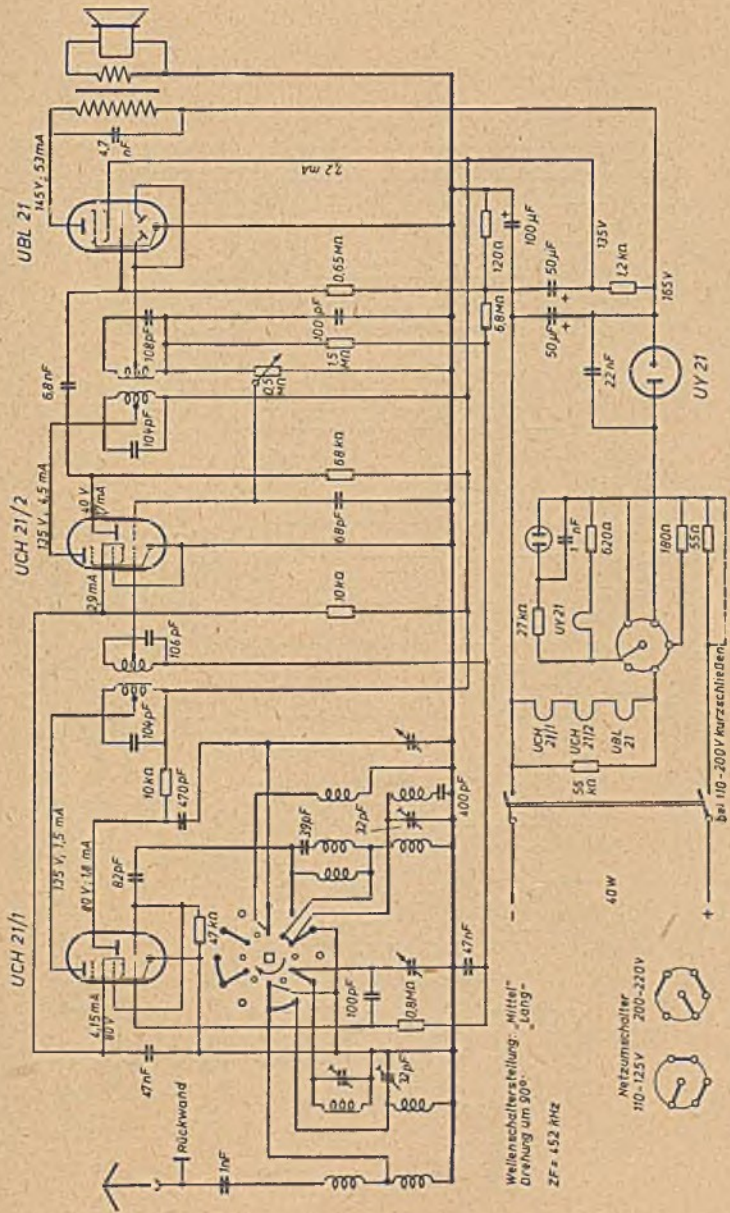


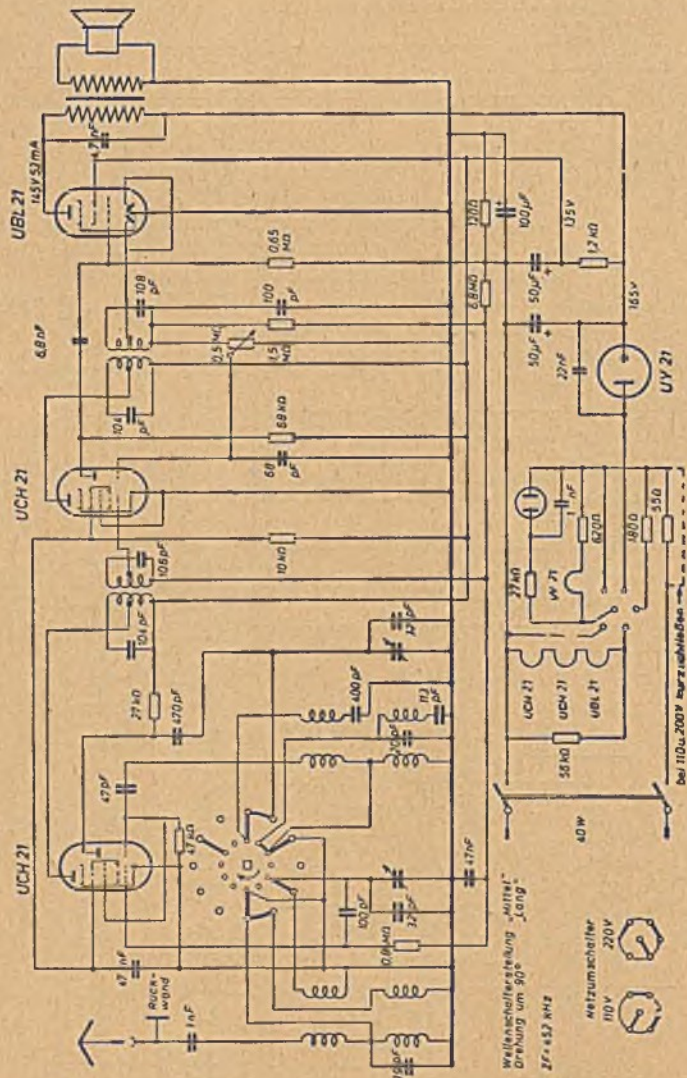


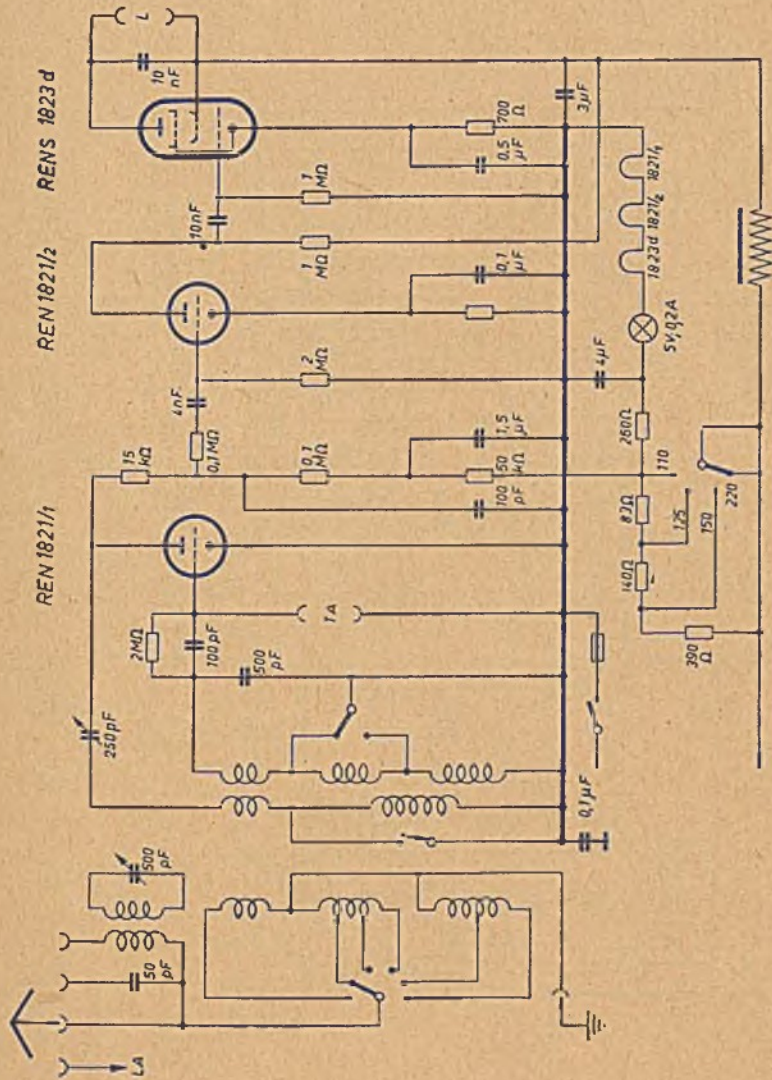


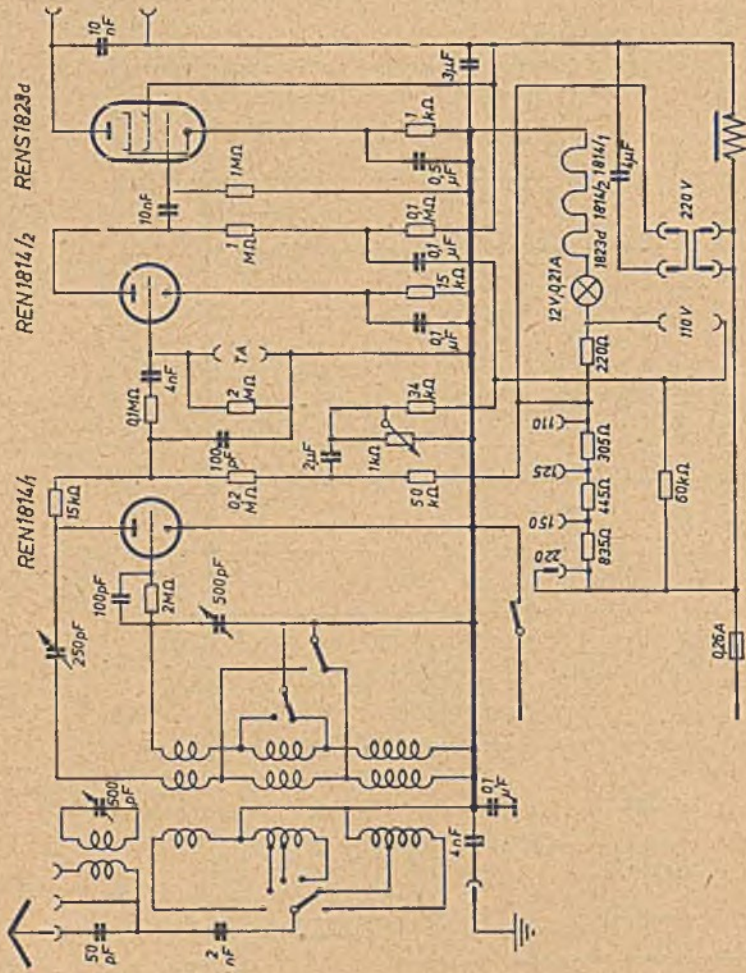
Schalter	1	2	3	4	5	6	7	8	9	10
Mittel 1	X									
Mittel 2		X								
Mittel 3			X							
Lana 1				X						
Lana 2					X					
TA						X				

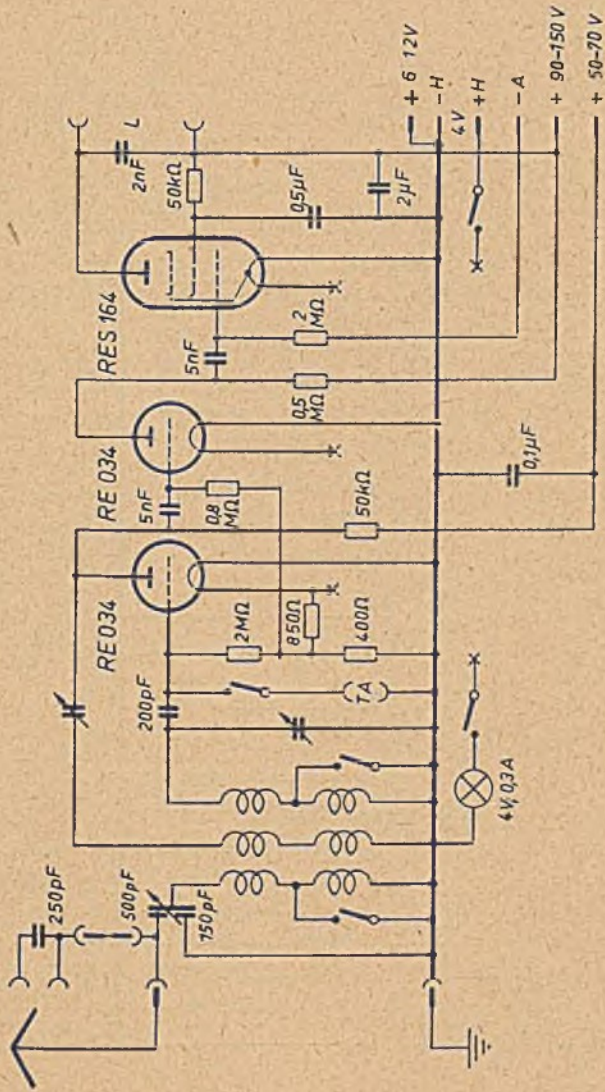


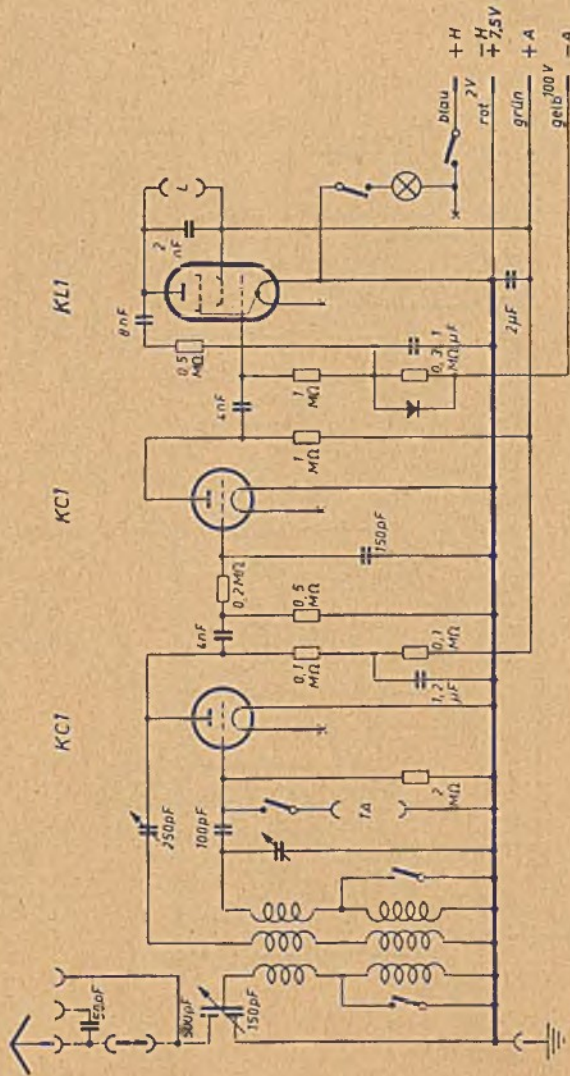


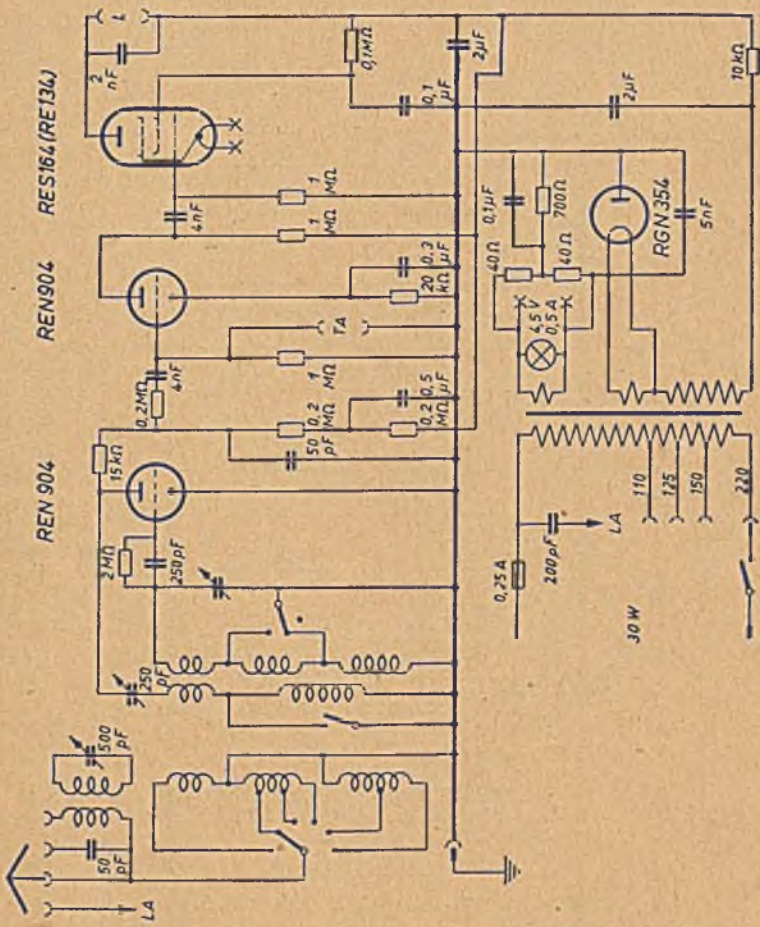


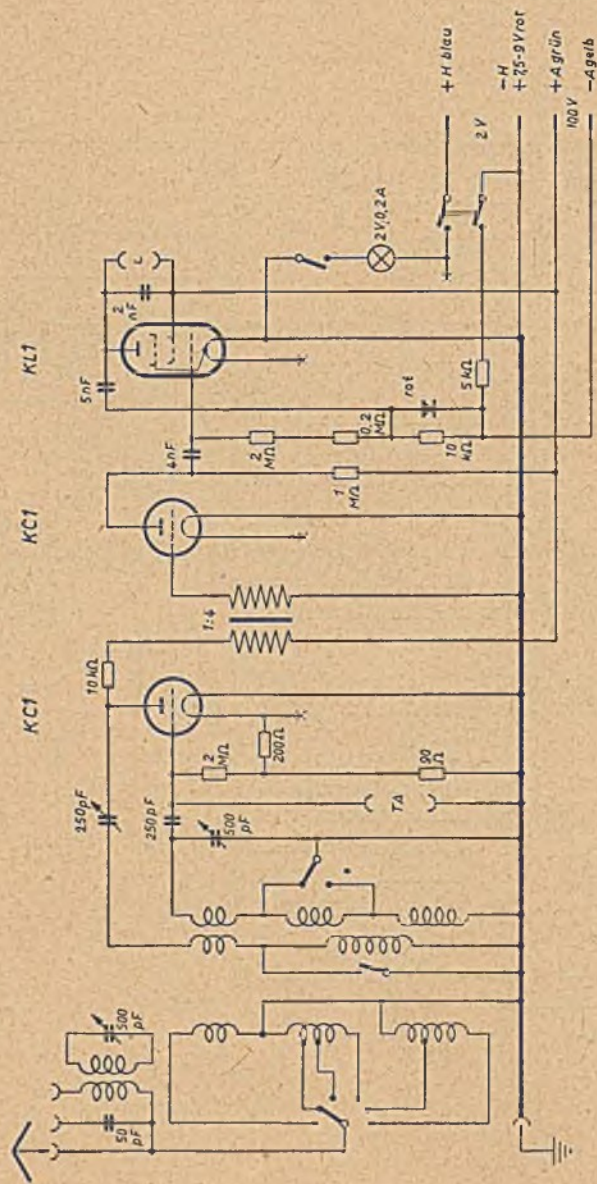




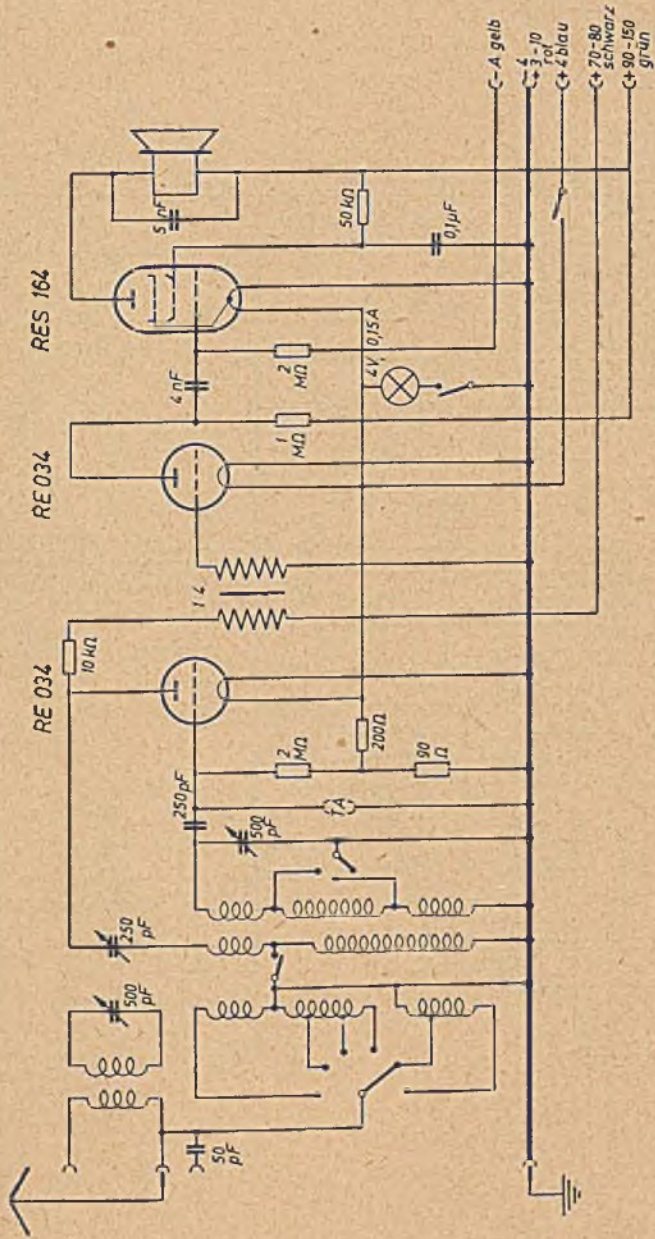


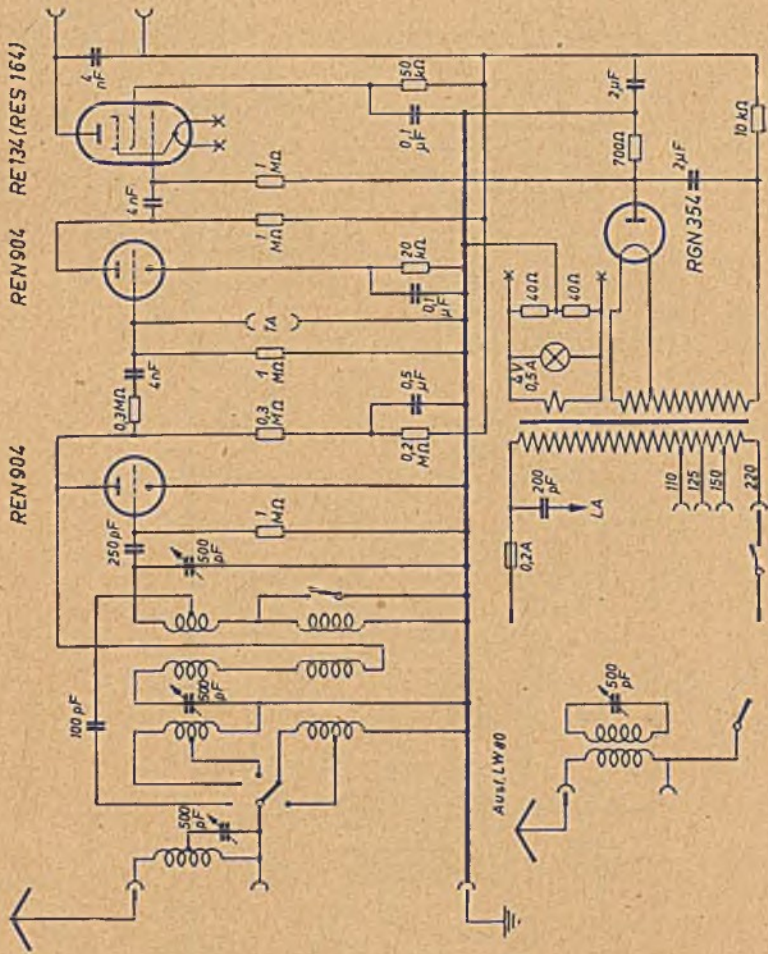


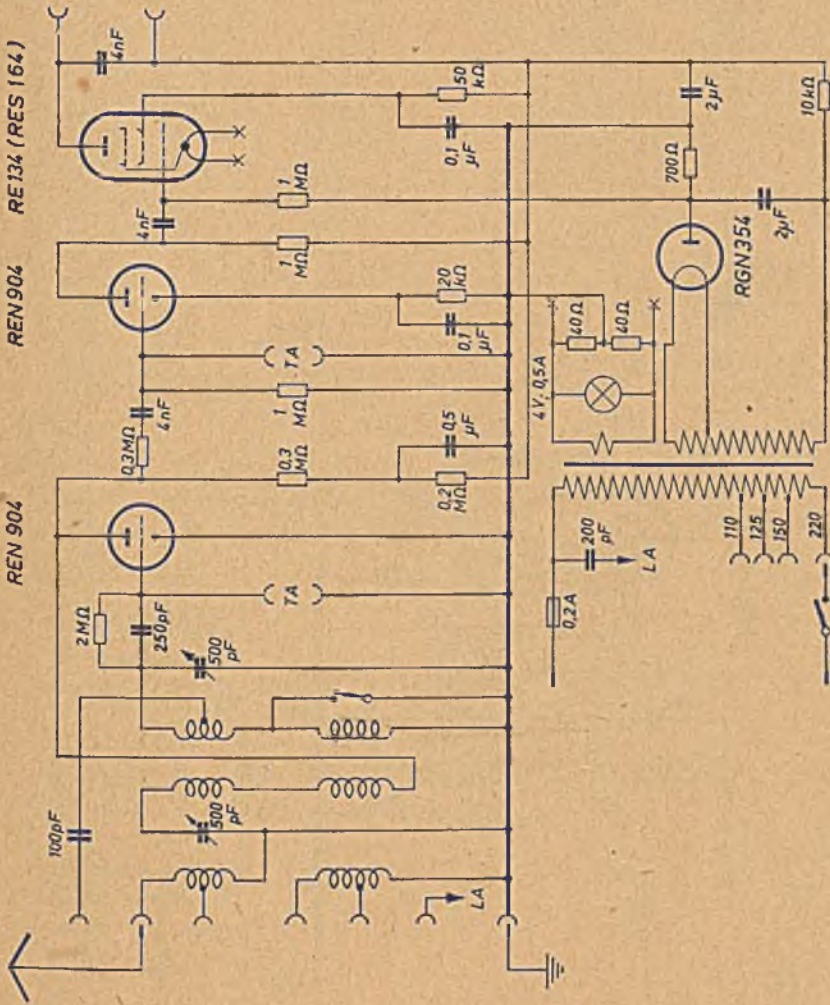


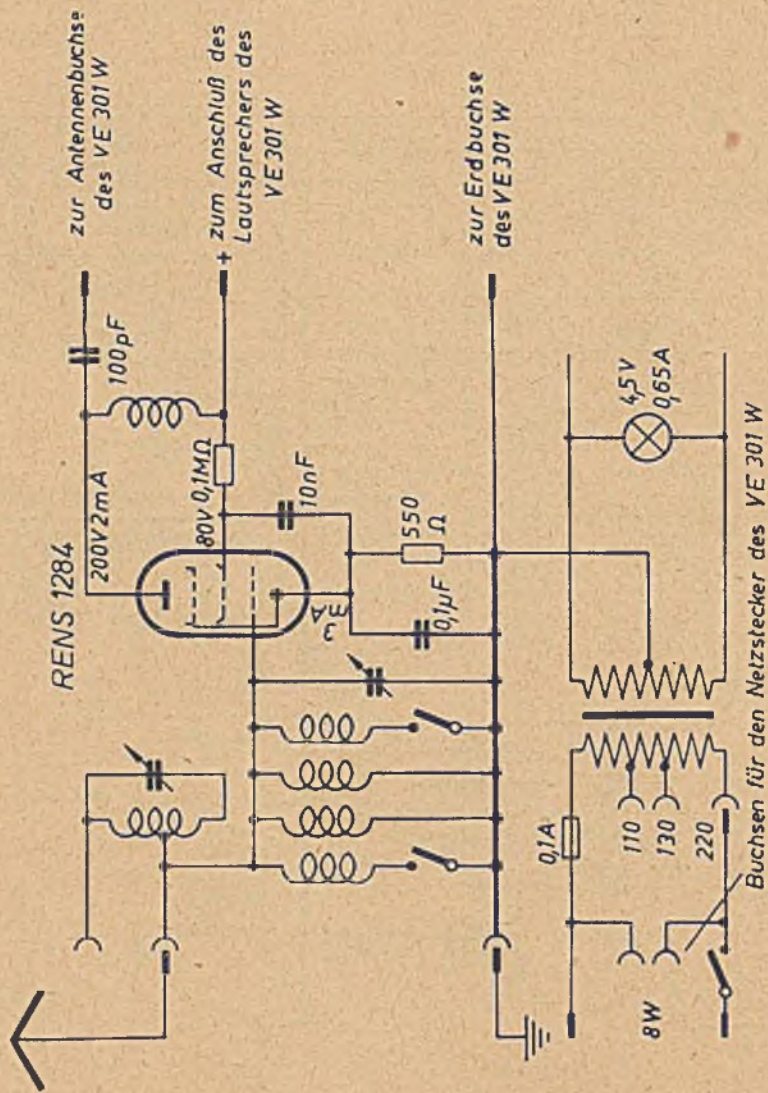


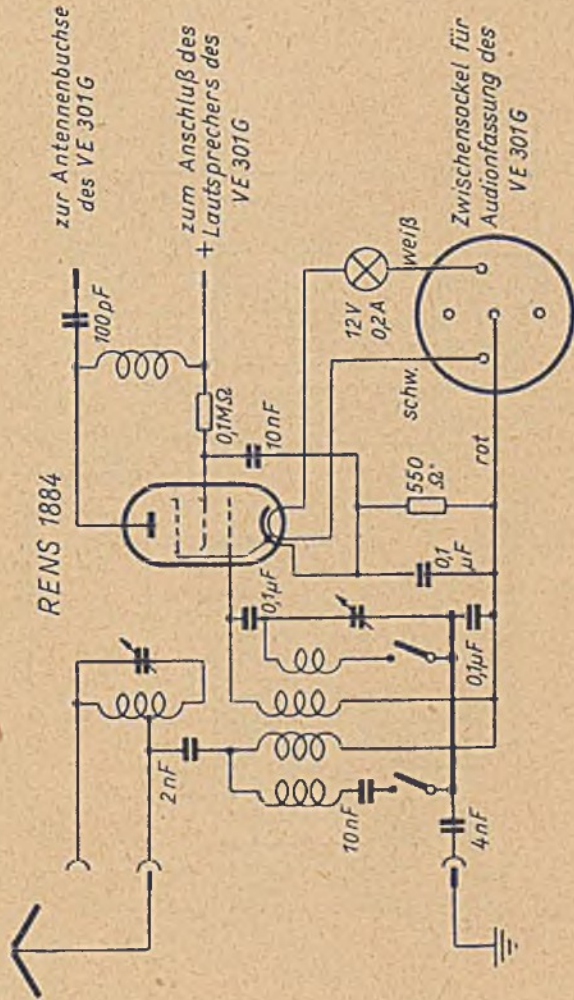
Brandt 76 Columbus

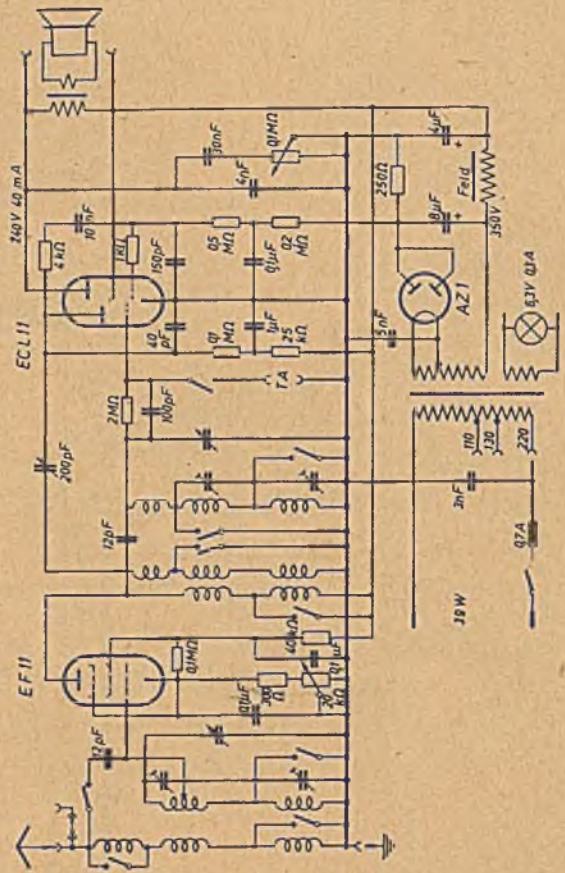


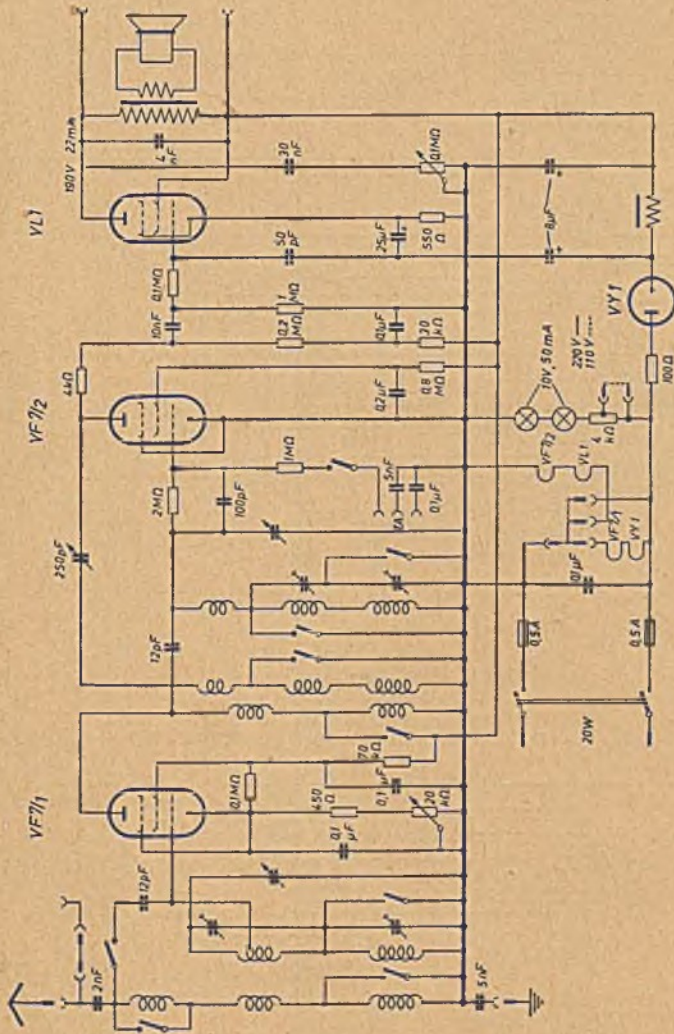


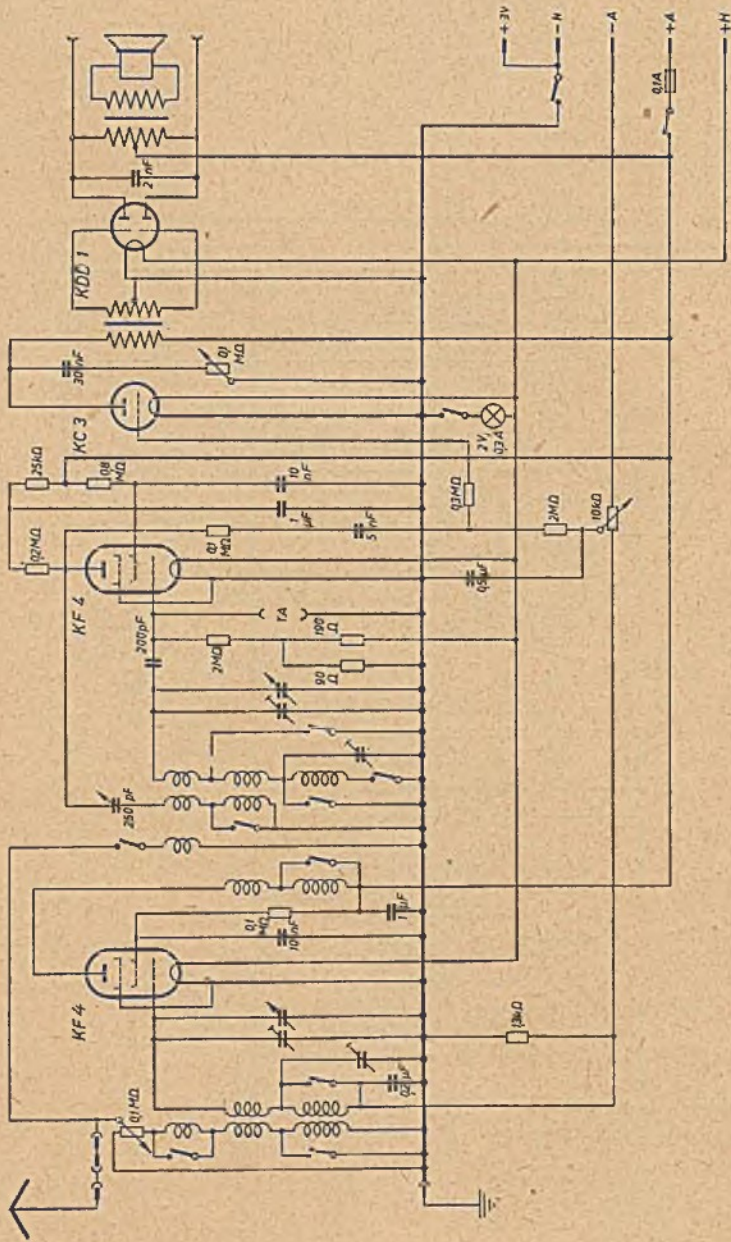


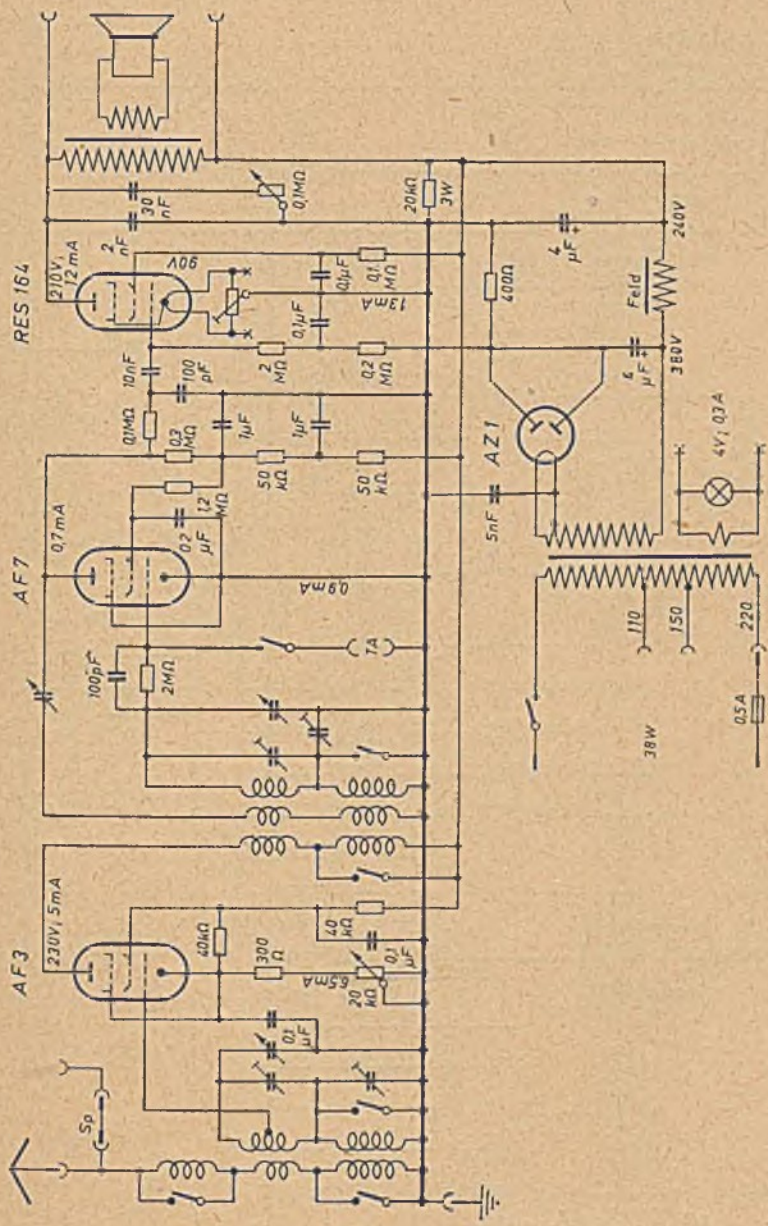








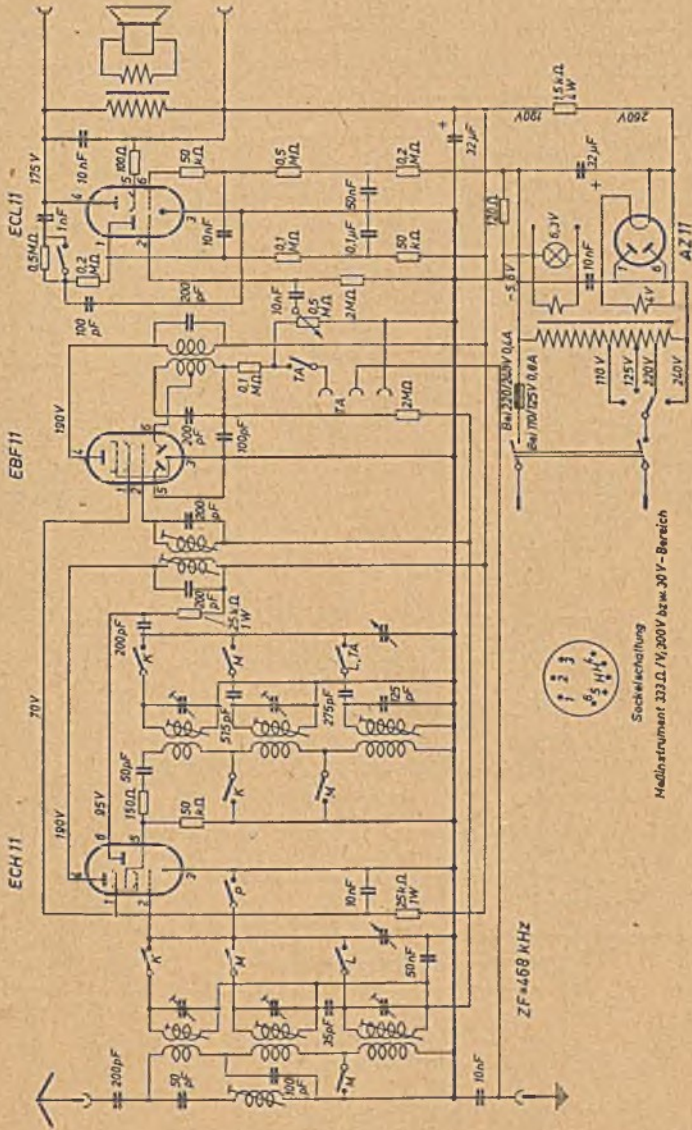


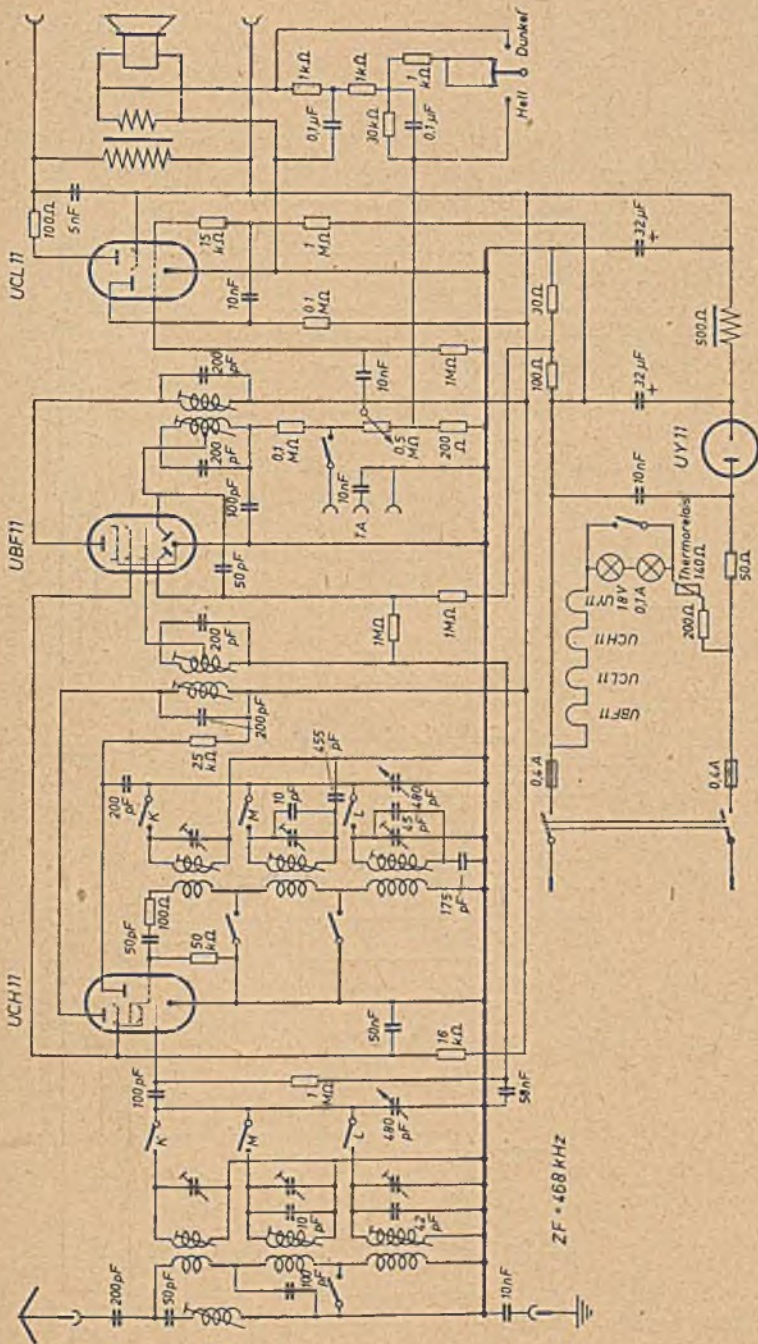


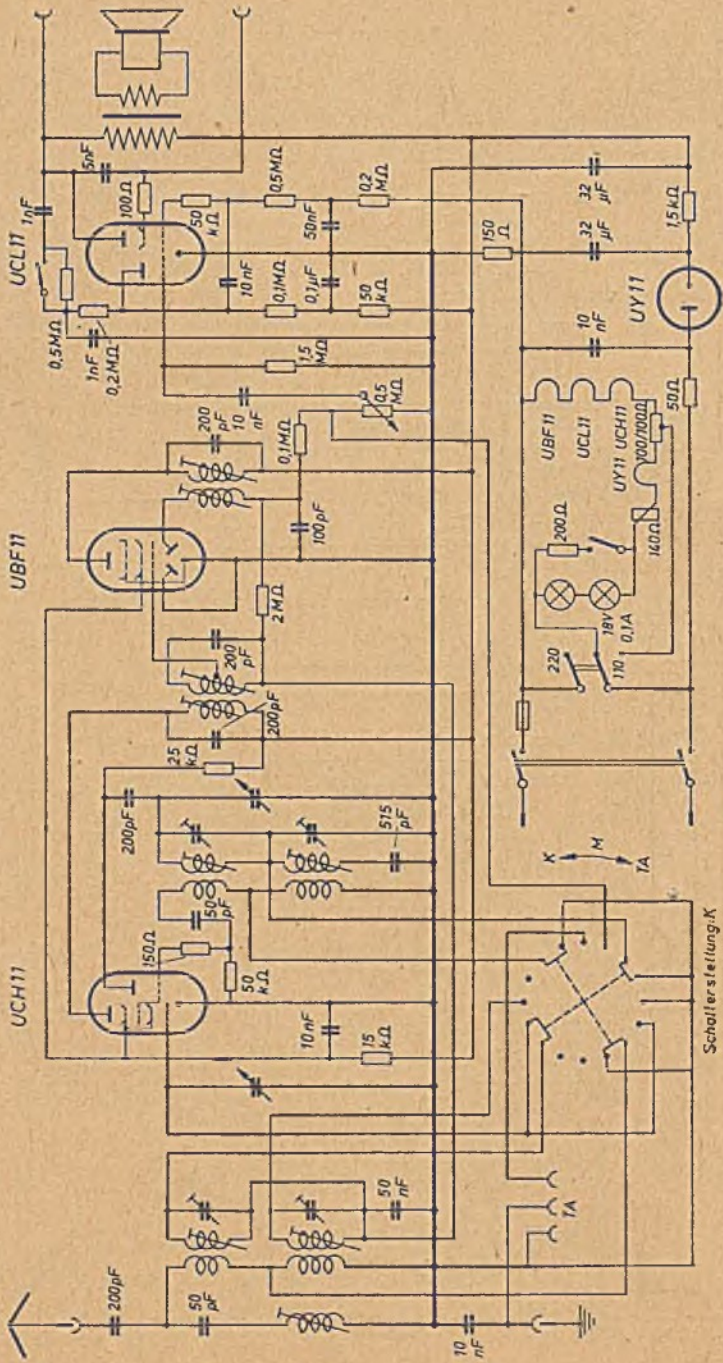


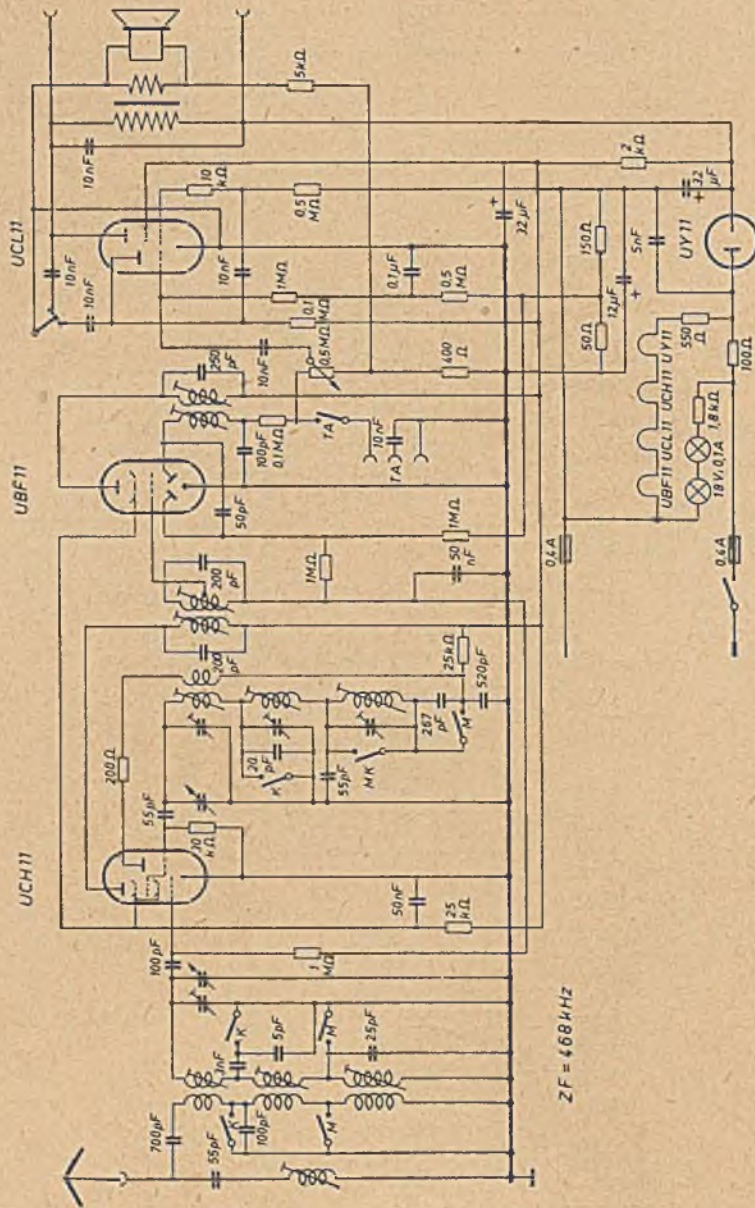
BRAUN
(Produktion nach 1945)

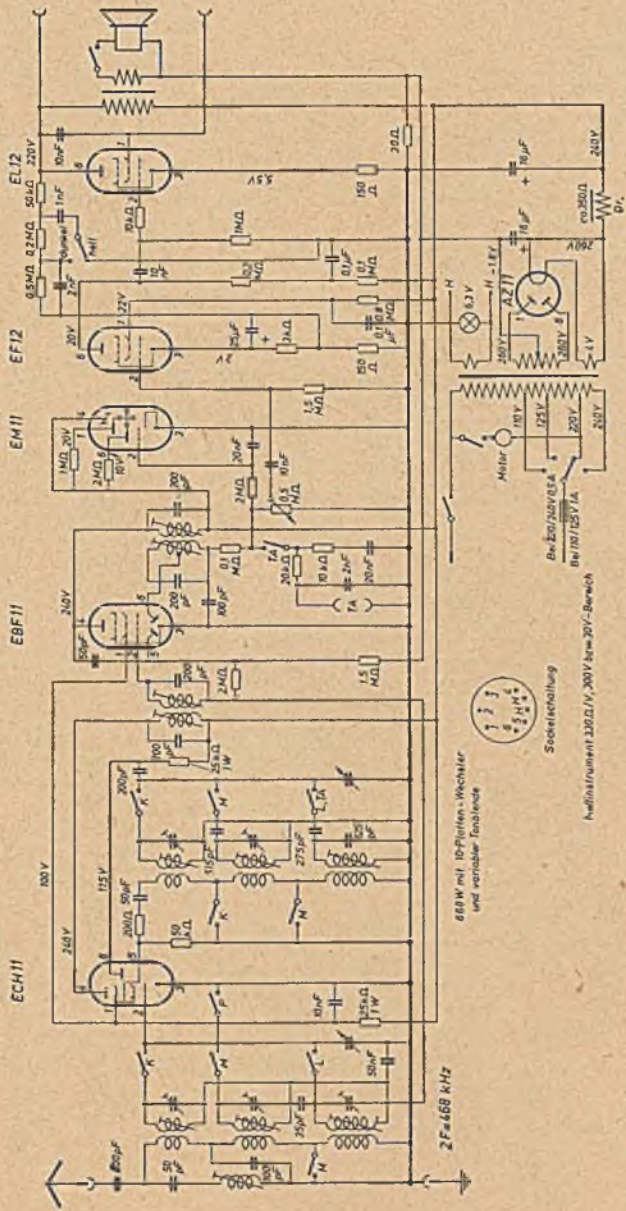


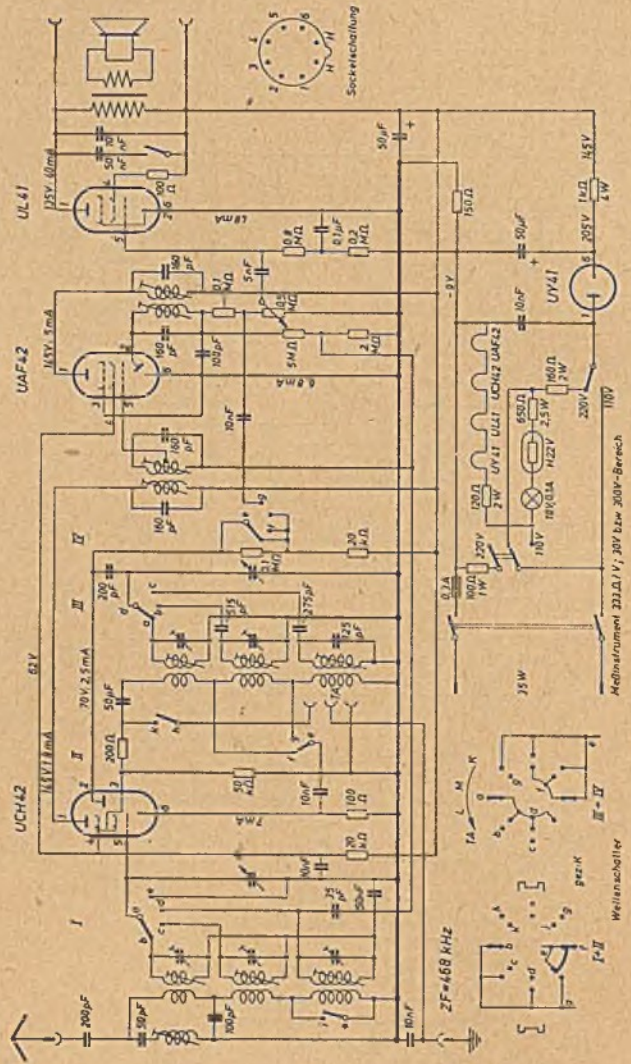


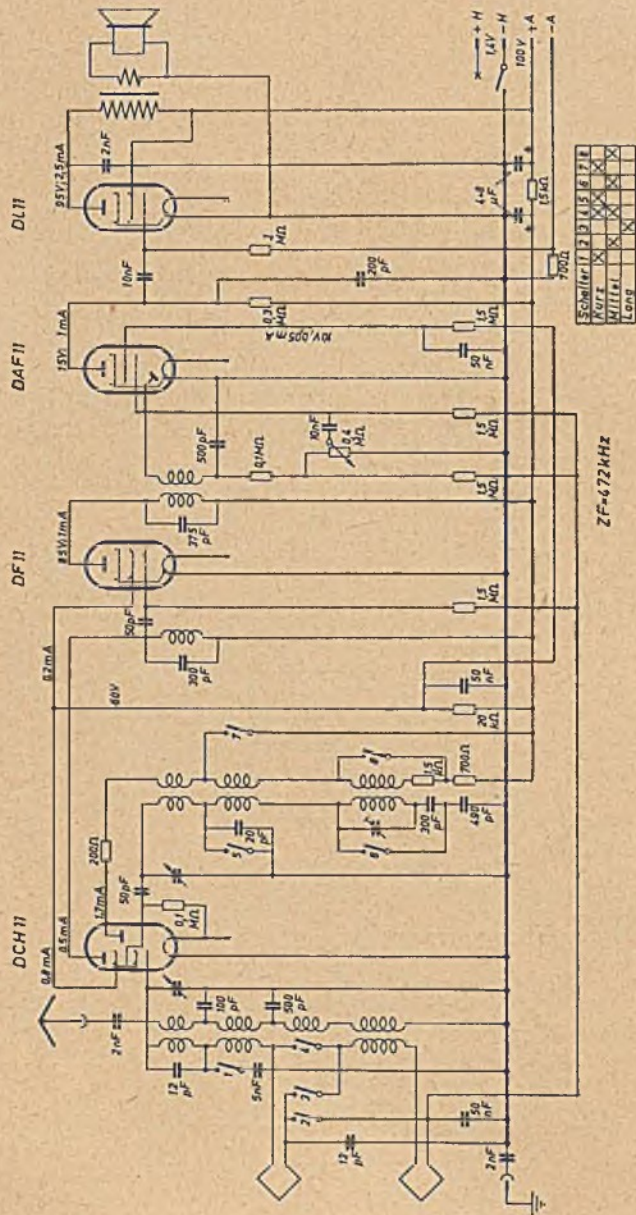


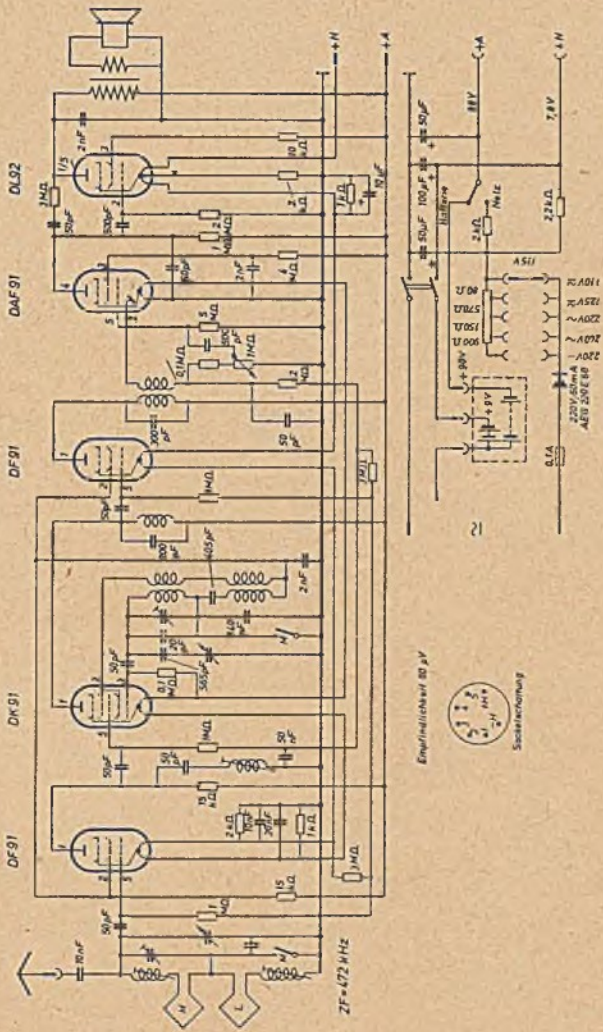












Empfindlichkeit 80 μV

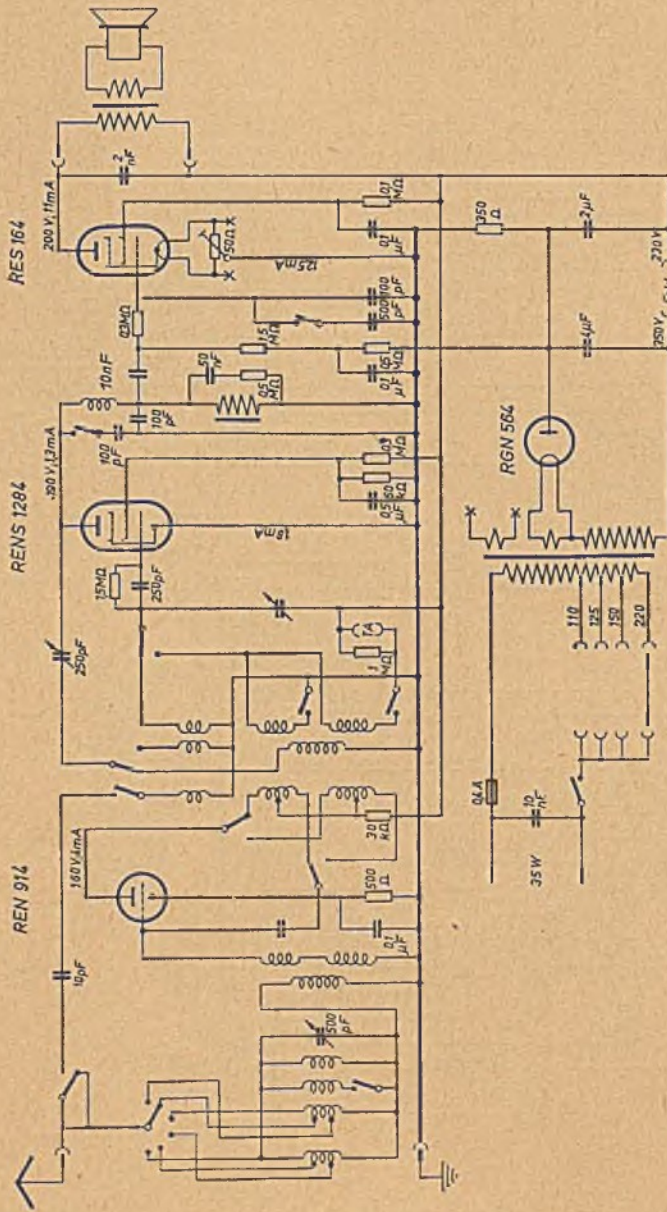


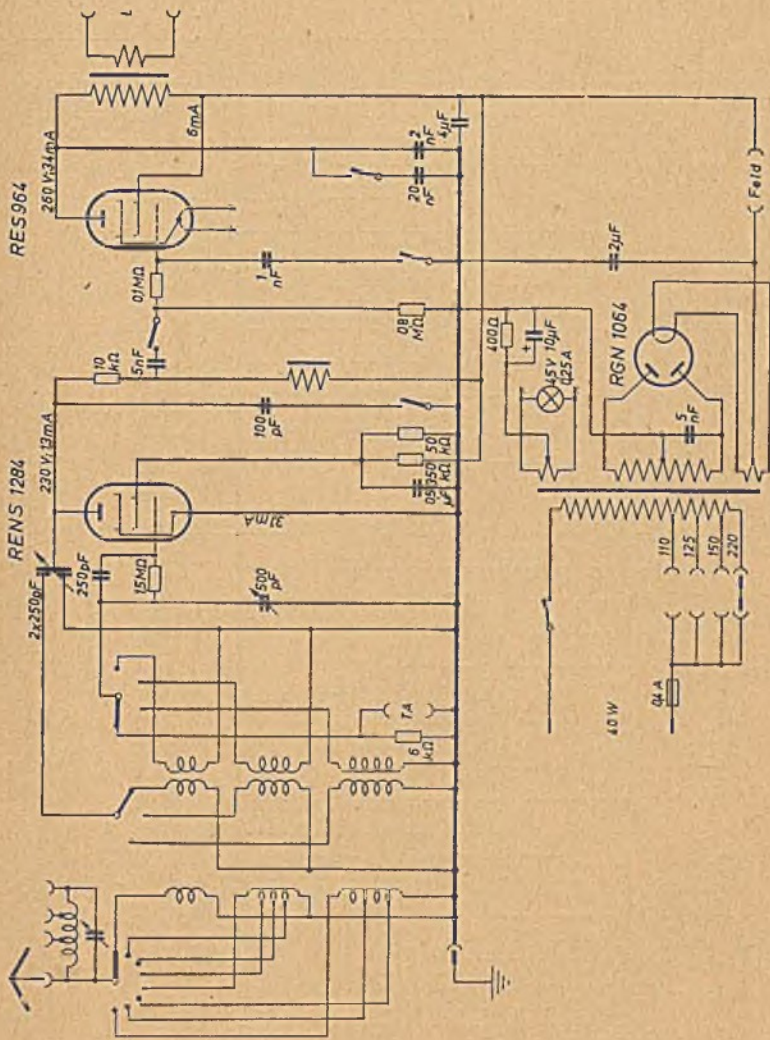


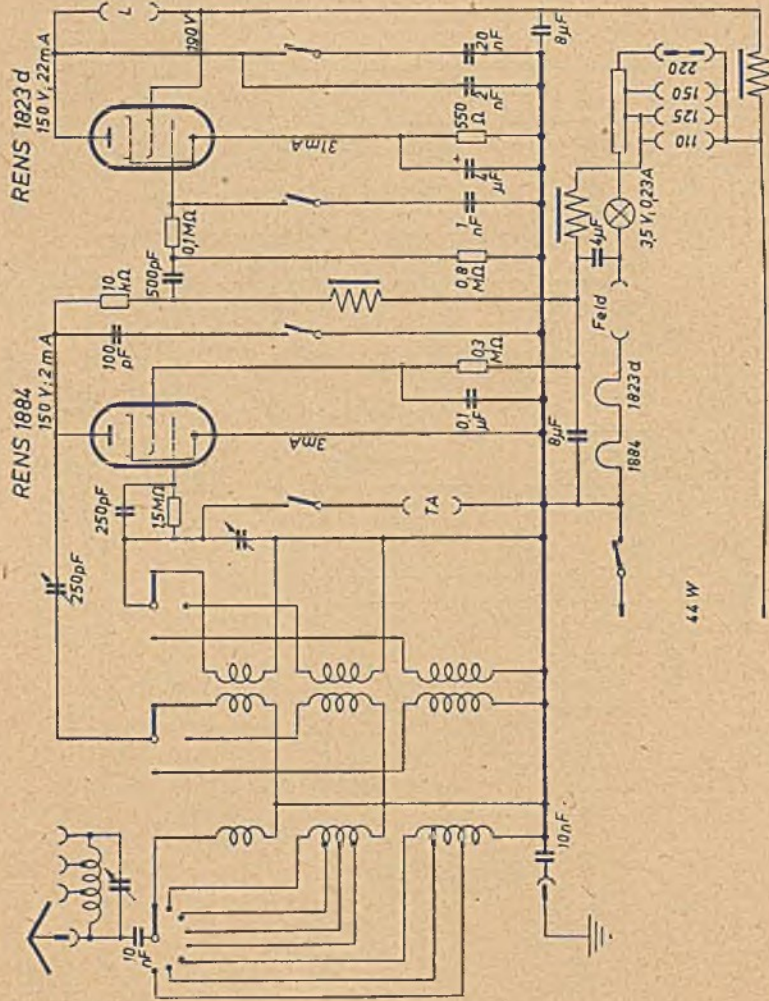
BRAUN
(Produktion vor 1945)

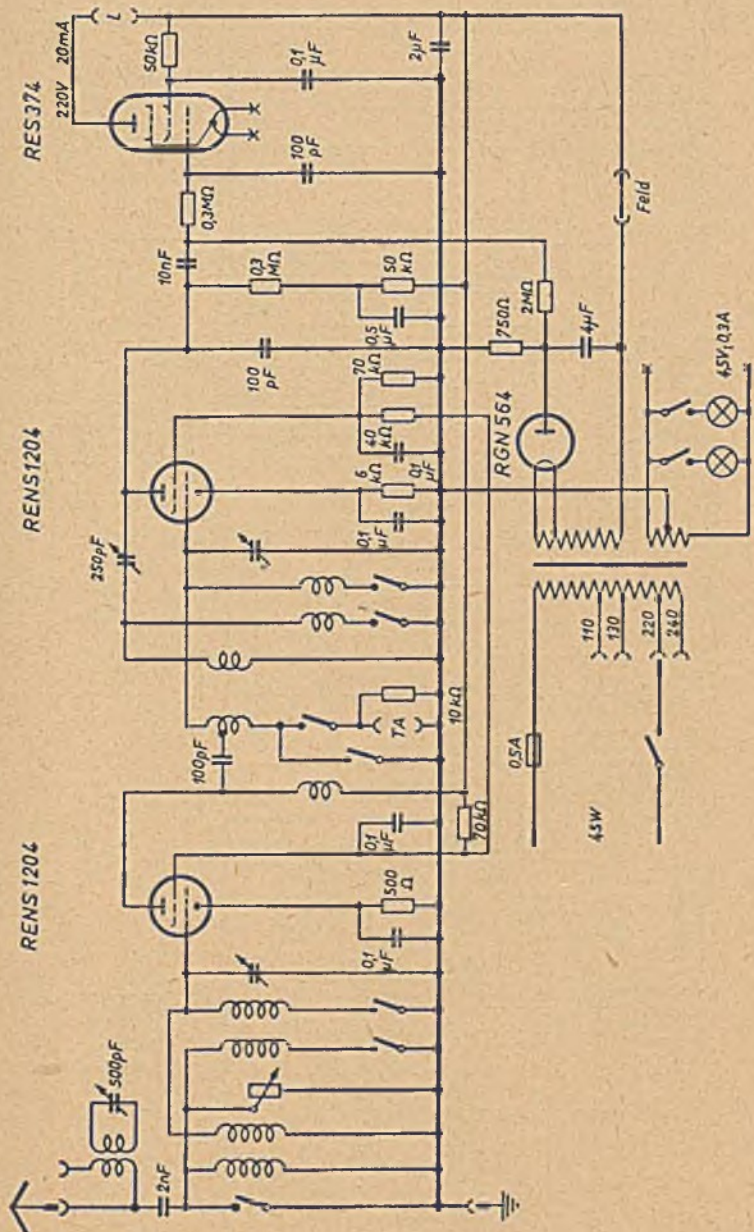


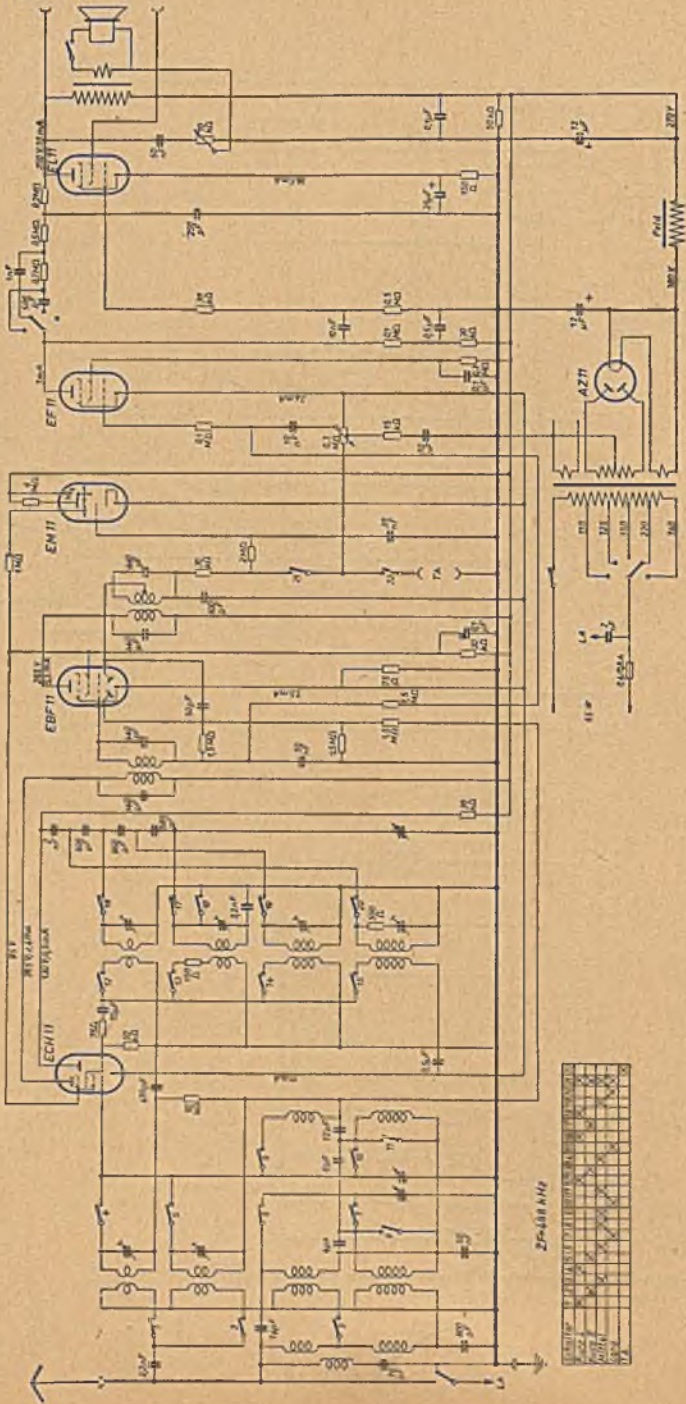
Braun Kobold 3 Röhren





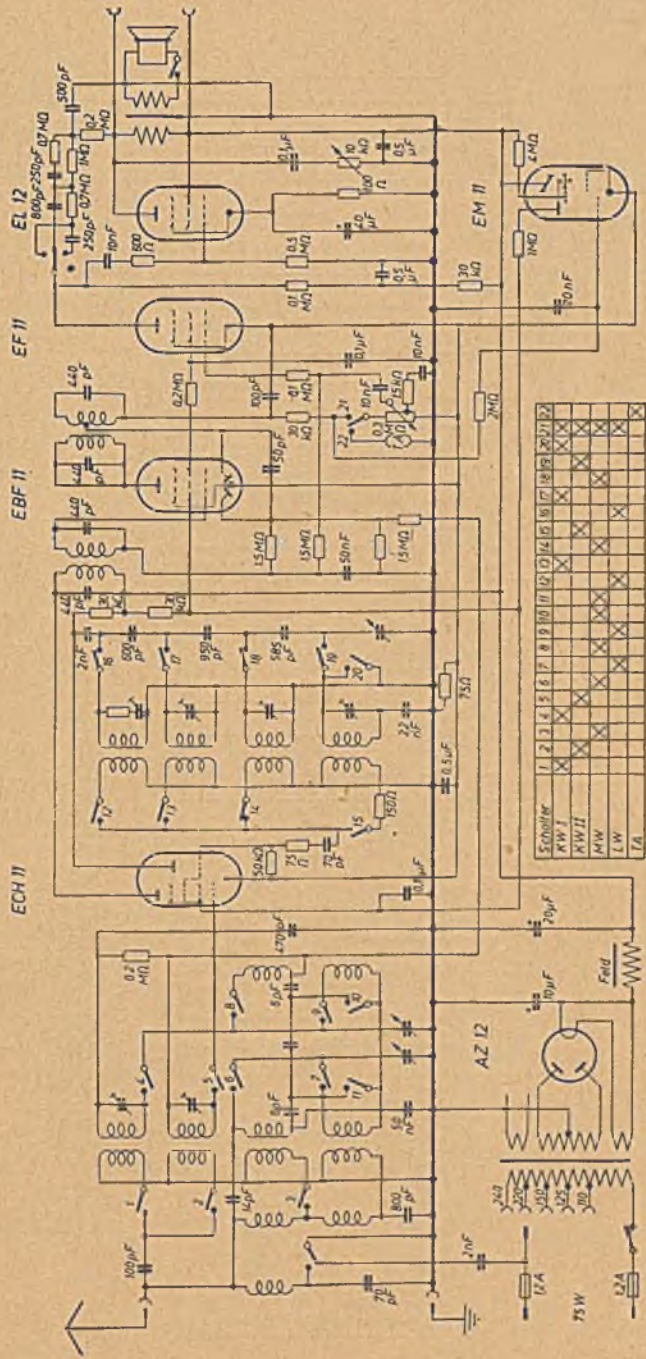


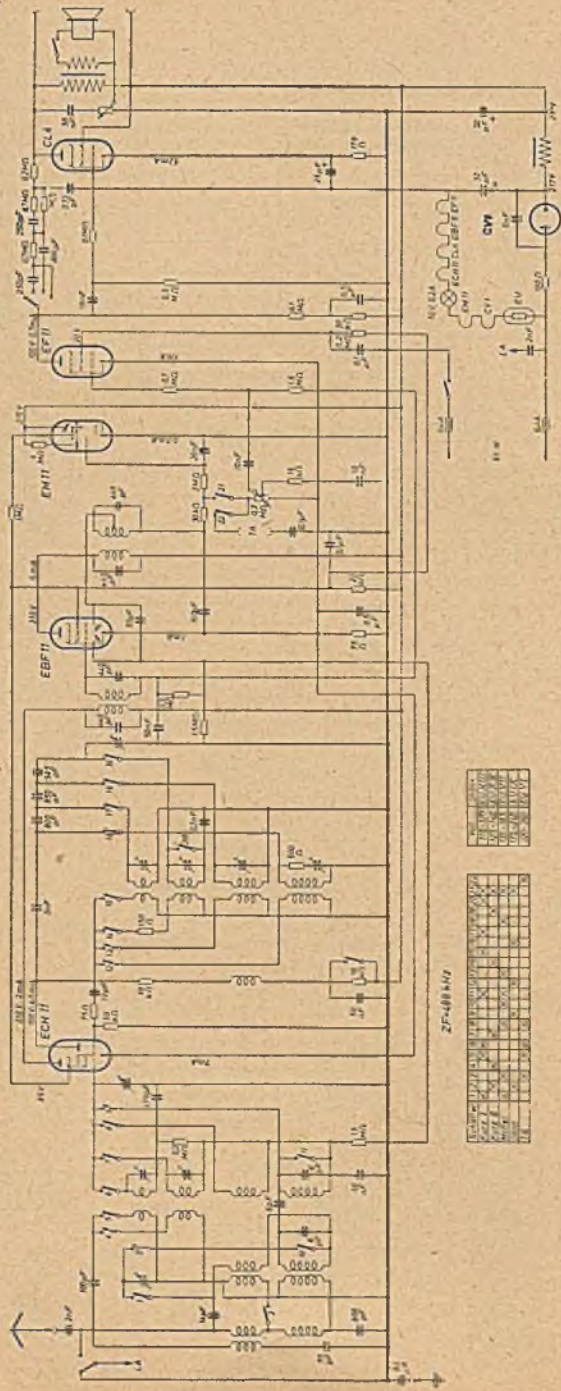


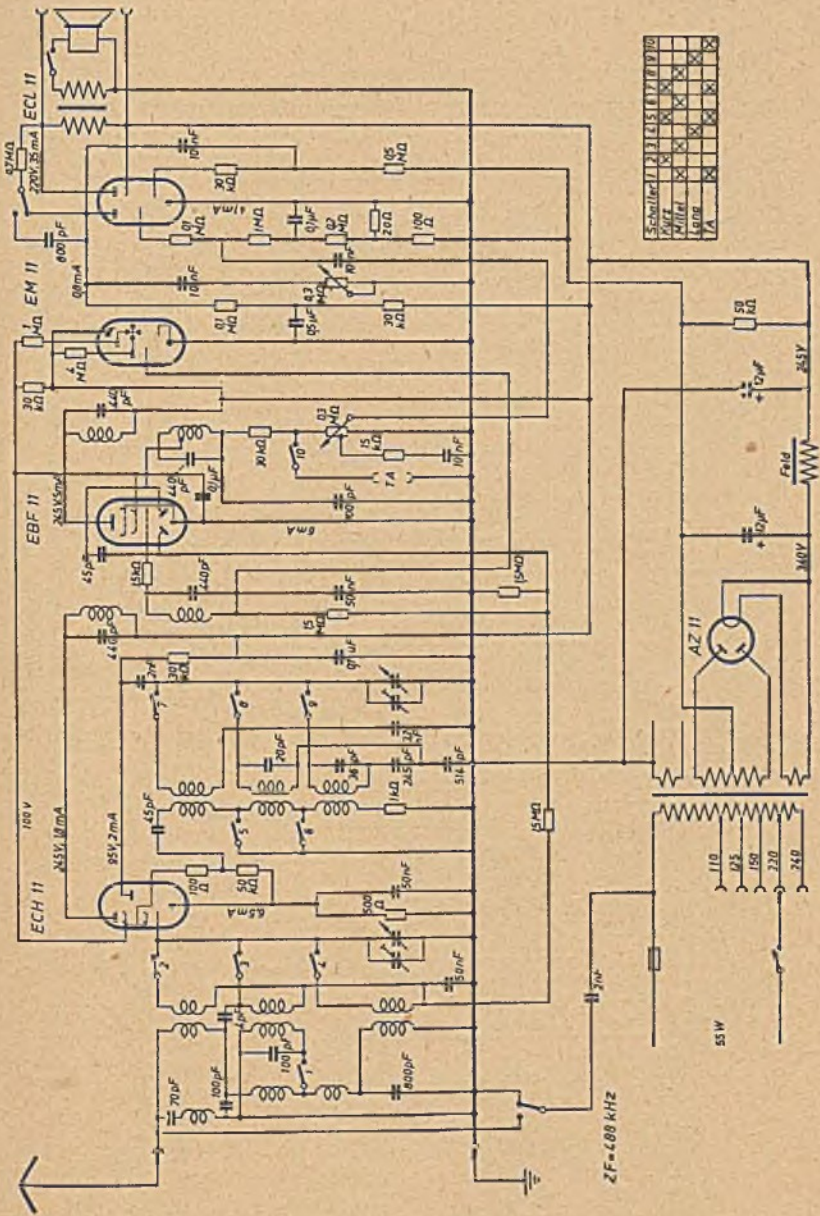


Zf-130 kHz

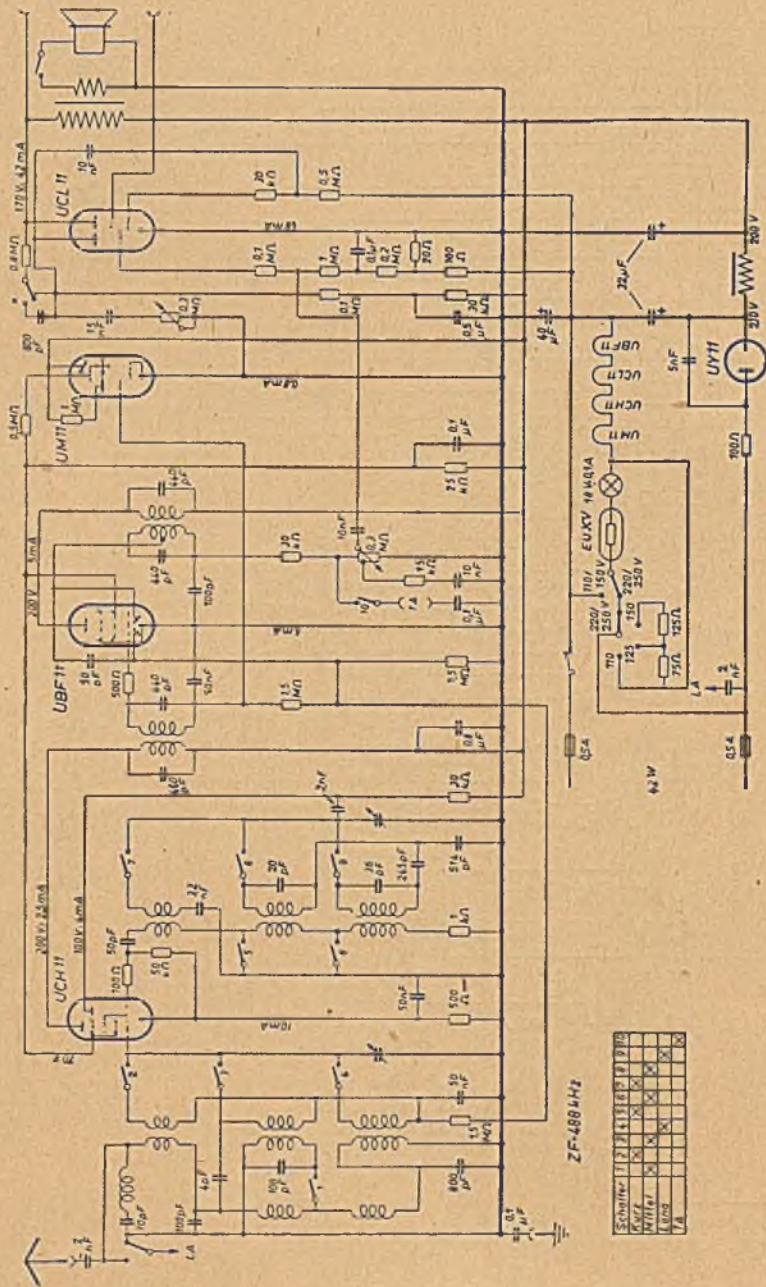
Bandwidth	Attenuation	Gain	Phase Shift	Impedance
0.1 Hz	0 dB	1	0°	100 Ω
0.2 Hz	0 dB	1	0°	100 Ω
0.5 Hz	0 dB	1	0°	100 Ω
1 Hz	0 dB	1	0°	100 Ω
2 Hz	0 dB	1	0°	100 Ω
5 Hz	0 dB	1	0°	100 Ω
10 Hz	0 dB	1	0°	100 Ω
20 Hz	0 dB	1	0°	100 Ω
50 Hz	0 dB	1	0°	100 Ω
100 Hz	0 dB	1	0°	100 Ω
200 Hz	0 dB	1	0°	100 Ω
500 Hz	0 dB	1	0°	100 Ω
1 kHz	0 dB	1	0°	100 Ω
2 kHz	0 dB	1	0°	100 Ω
5 kHz	0 dB	1	0°	100 Ω
10 kHz	0 dB	1	0°	100 Ω
20 kHz	0 dB	1	0°	100 Ω
50 kHz	0 dB	1	0°	100 Ω
100 kHz	0 dB	1	0°	100 Ω
200 kHz	0 dB	1	0°	100 Ω
500 kHz	0 dB	1	0°	100 Ω
1 MHz	0 dB	1	0°	100 Ω

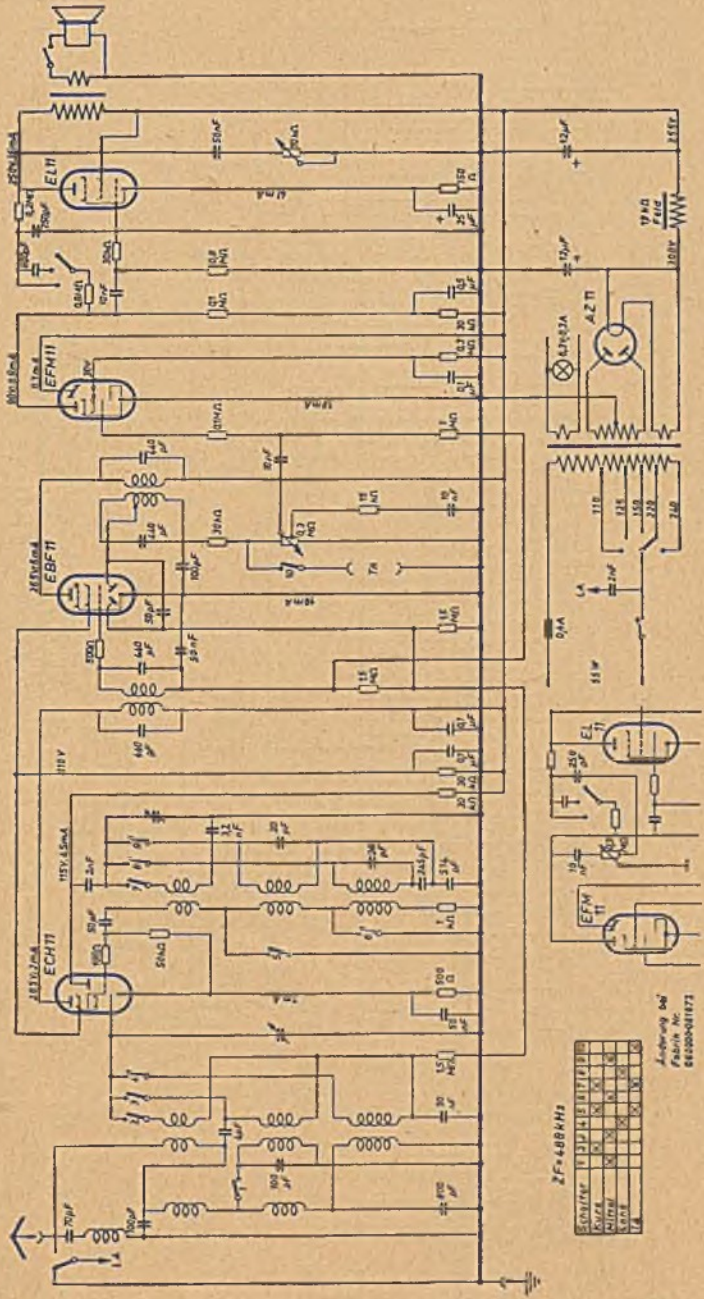






Schaltung	1	2	3	4	5	6	7	8	9	10
50V										
100V										
250V										
500V										
1000V										

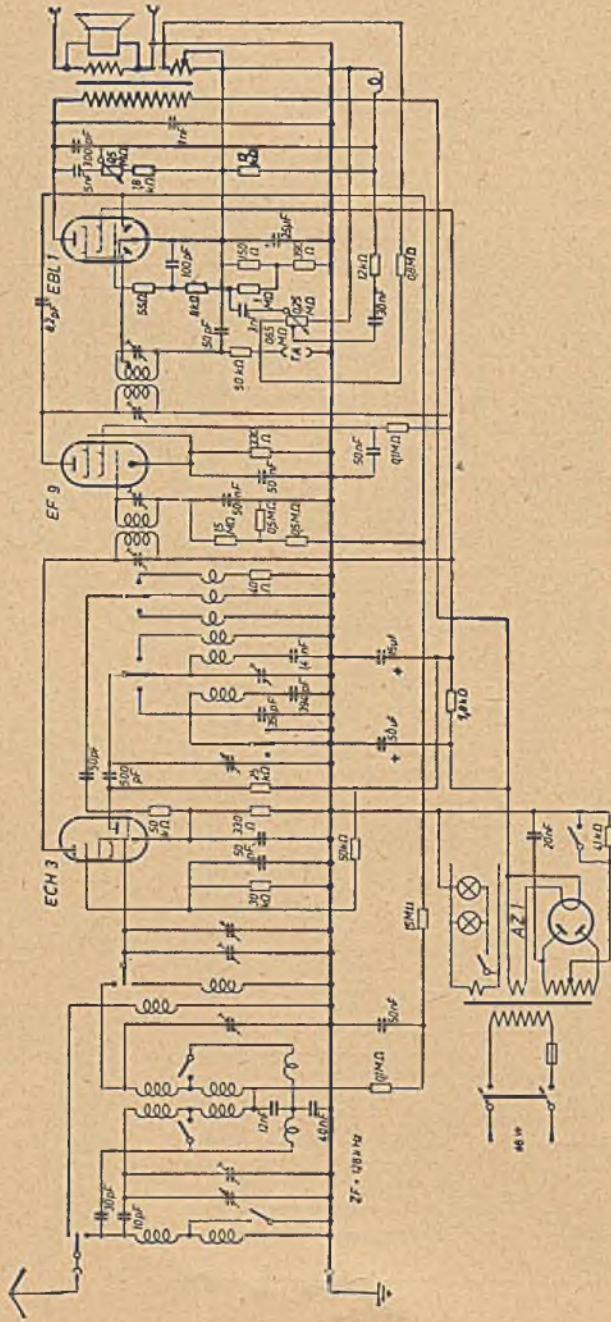




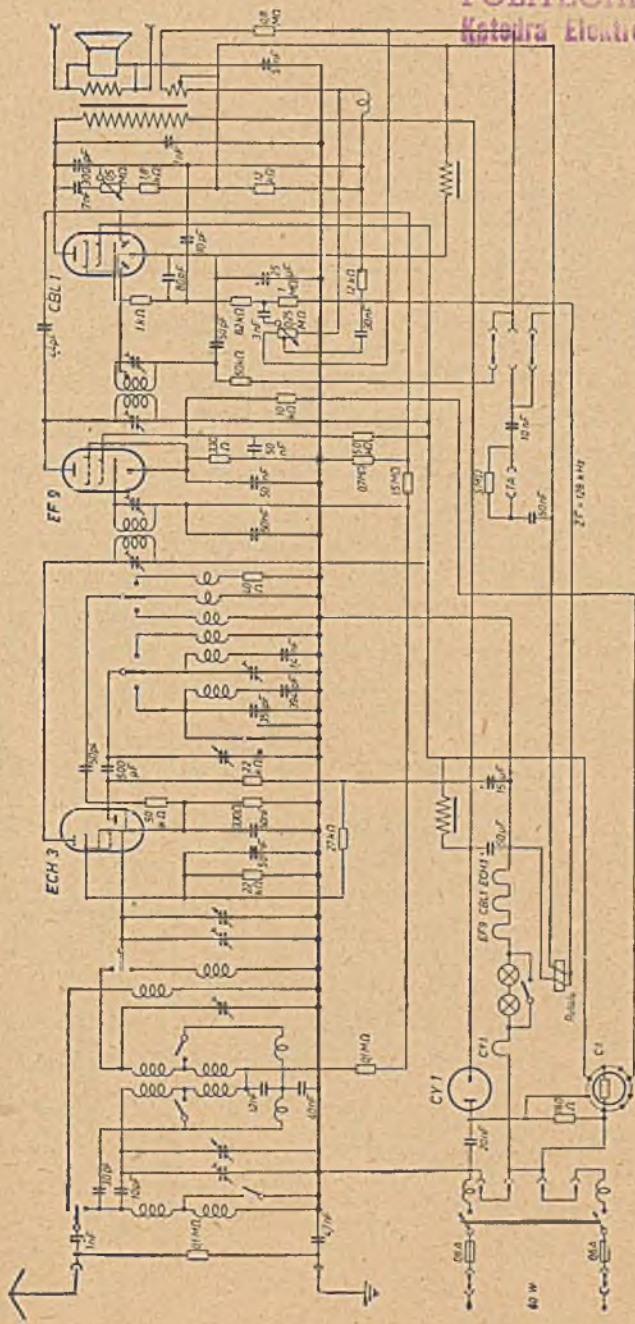
ZF = 488 kHz

COND	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
120V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
120V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
120V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
120V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
120V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
120V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
120V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
120V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
120V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
120V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
120V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
120V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
120V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
120V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
120V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
120V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
120V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
120V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
120V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
120V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
120V	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

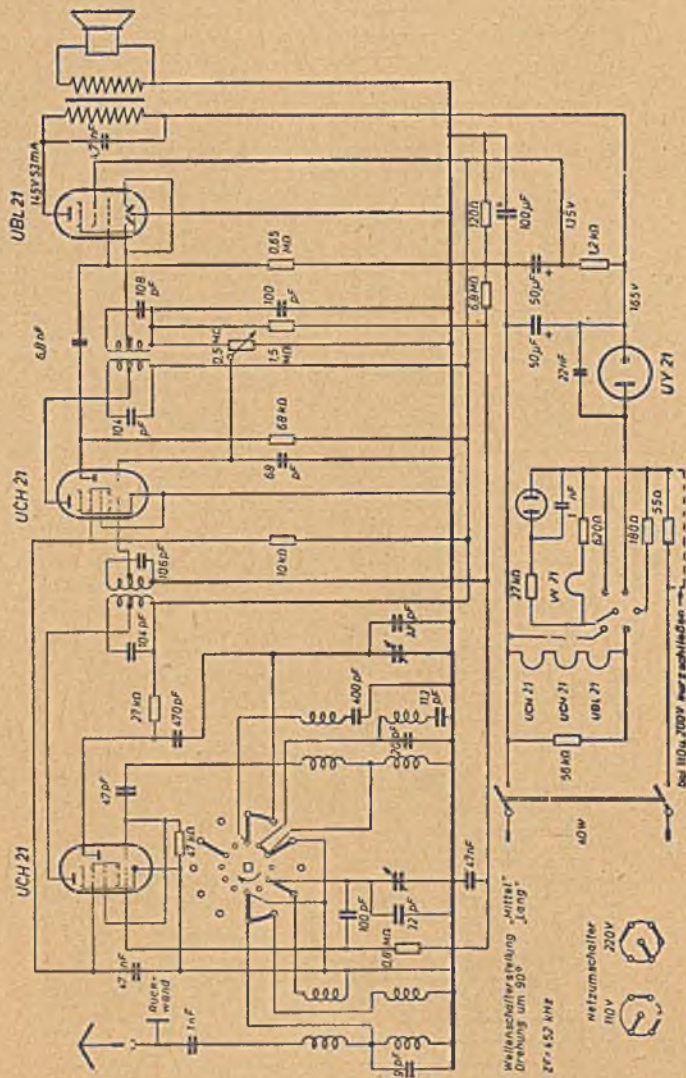
Assembled by
Pabrik No
64400001877

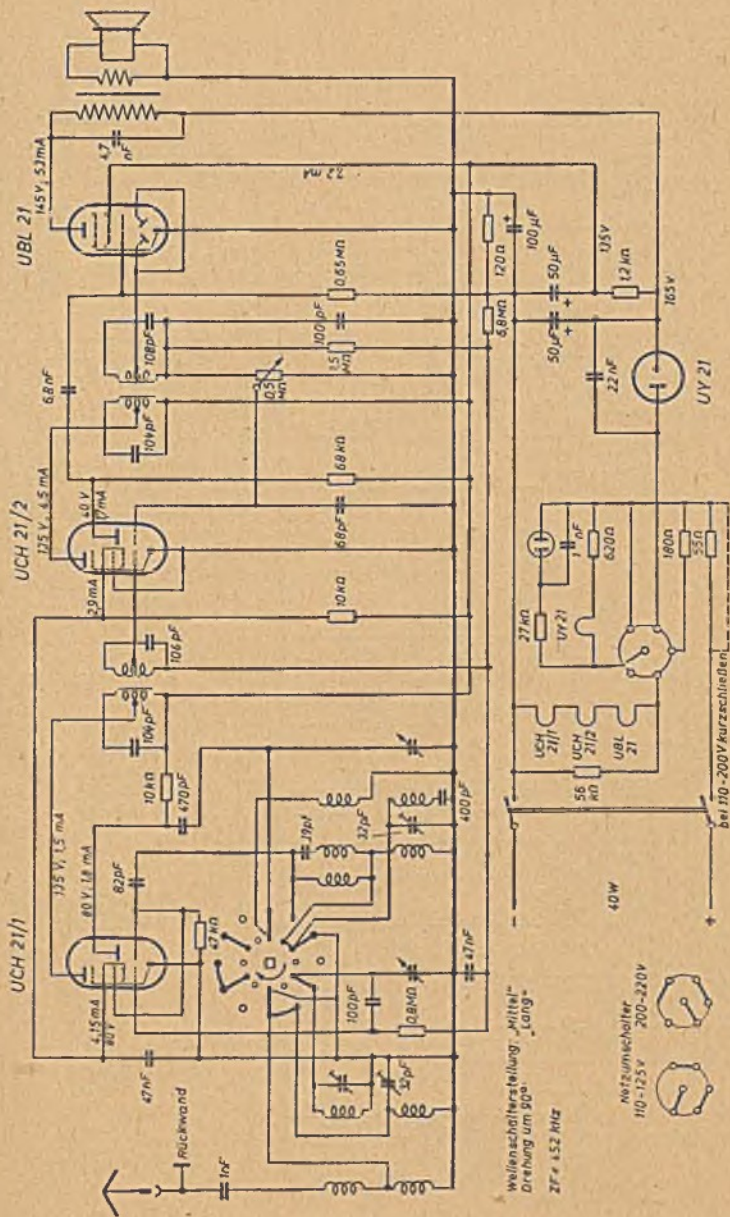


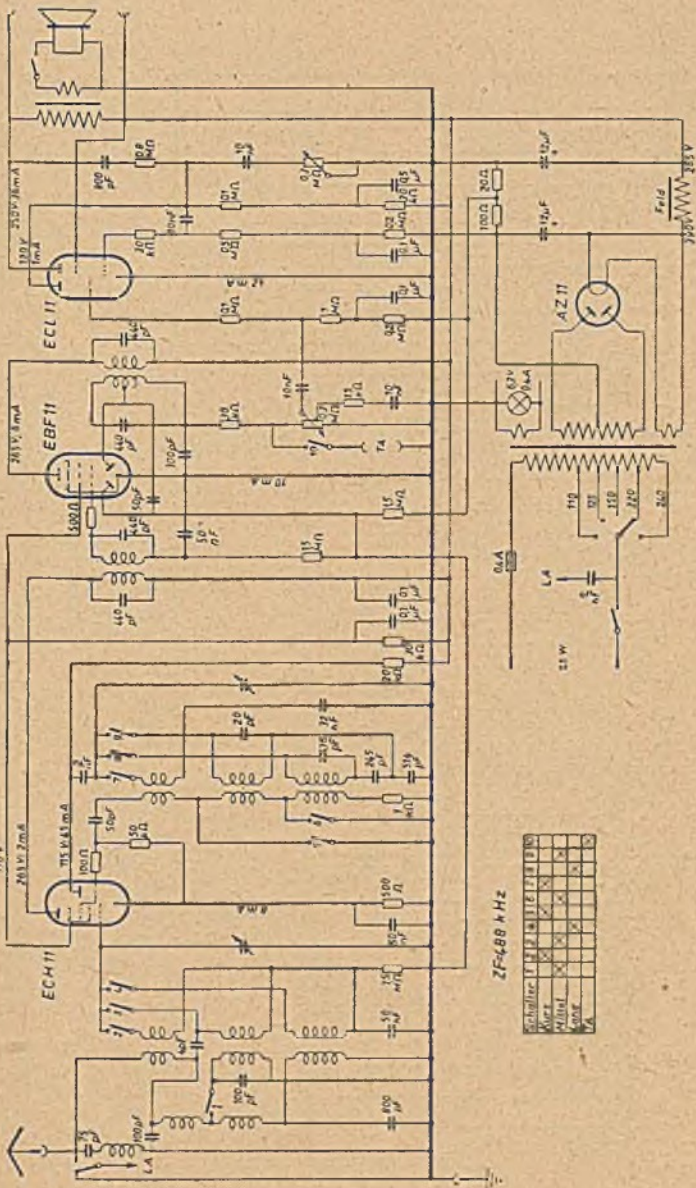
Trimmer der Hochfrequenzkreise 20 pF
 Trimmer der Zwischenfrequenzkreise 70—100 pF
 Drehkondensator je 11—490 pF



Trimmer der Hochfrequenzkreise 20 pF
Trimmer der Zwischenfrequenzkreise 70—100 pF
Drehkondensator je 11—480 pF

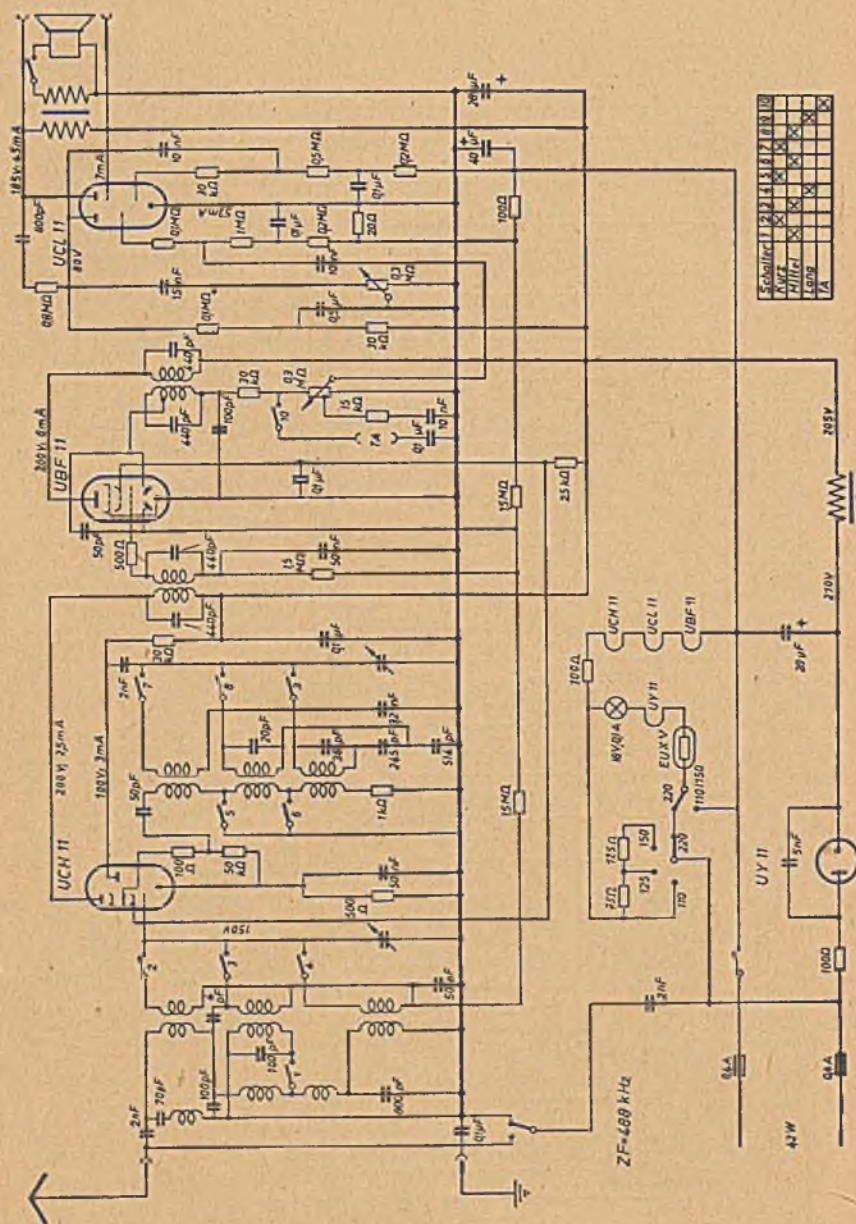




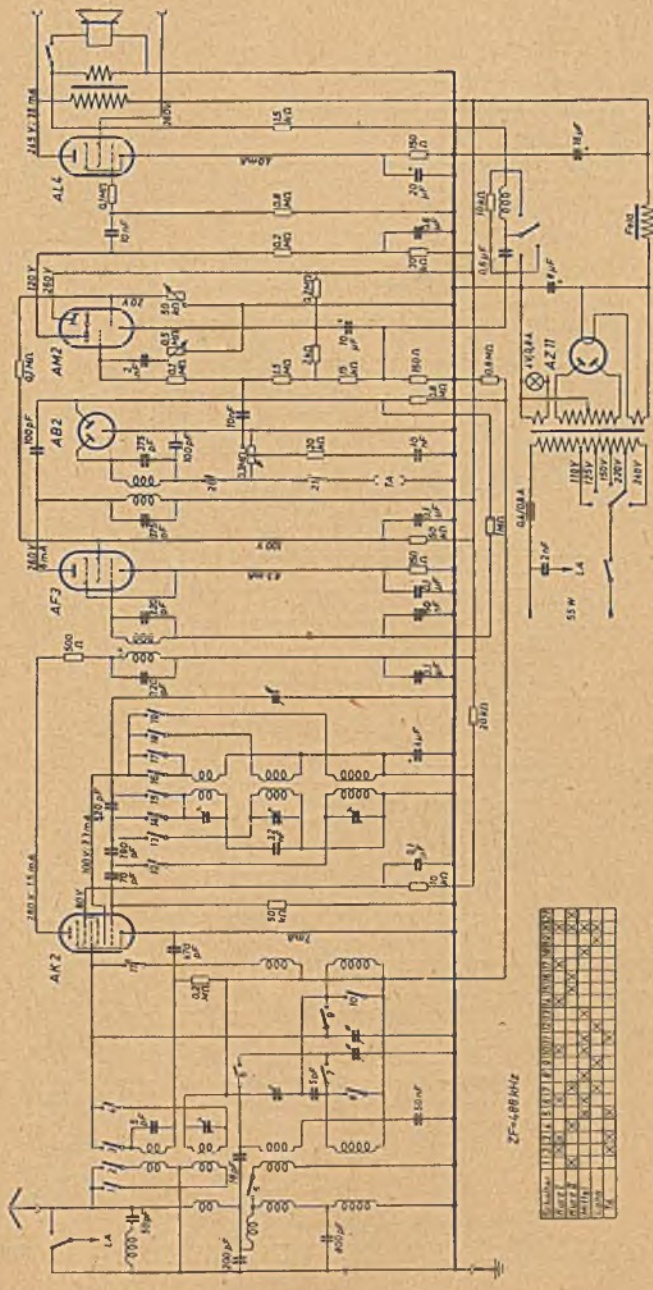


ZF=489 kHz

Schaltung	1	2	3	4	5	6	7	8	9	10	11	12
Werte												
Werte												
Werte												
Werte												

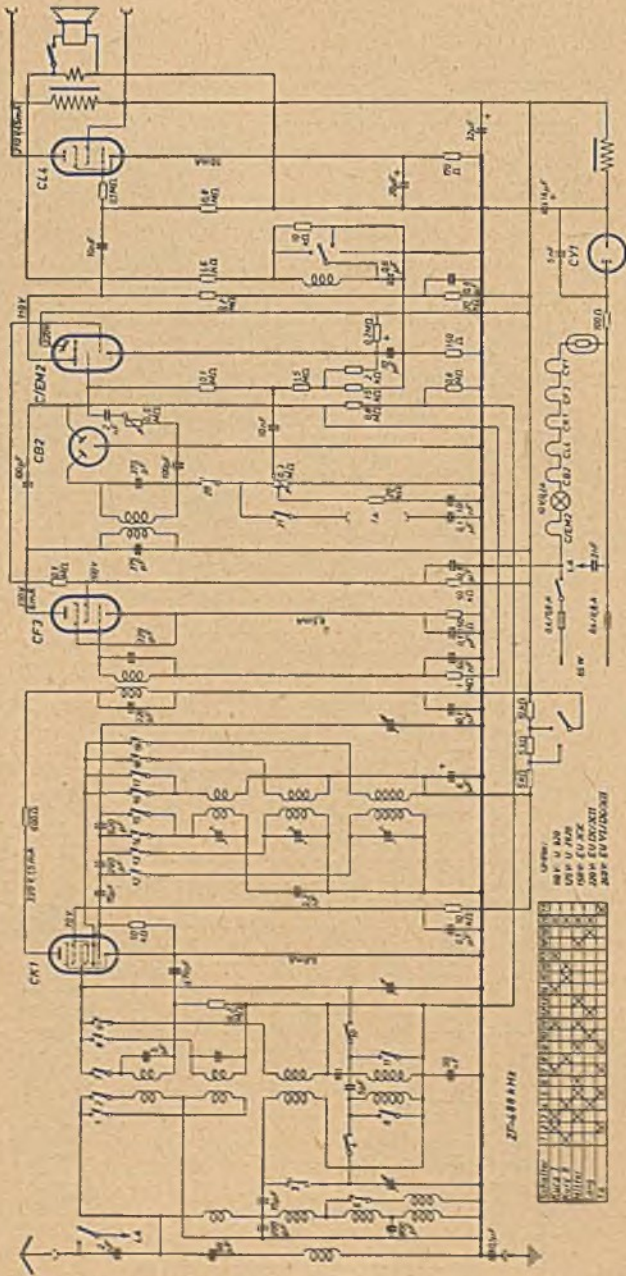


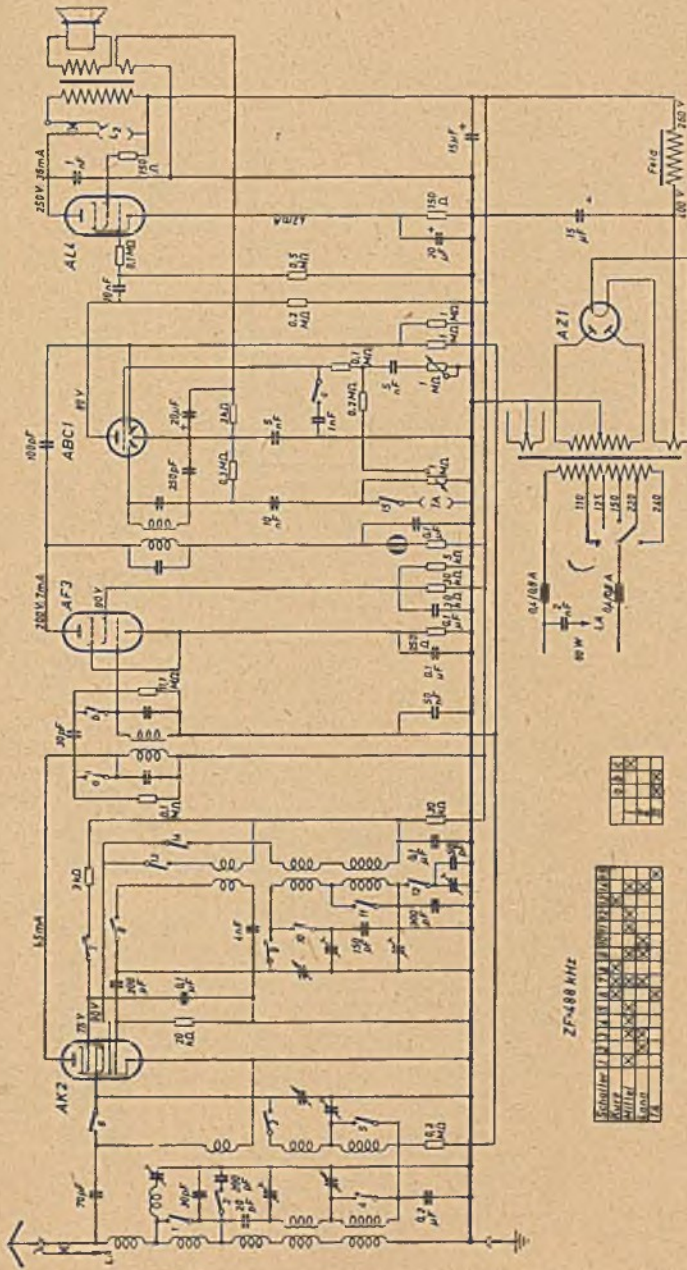
Schaltplan	1	2	3	4	5	6	7	8	9	10
Kurzsch.										
Offiziell										
Lebend										
TA										



2F-468 kHz

Plate	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
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	

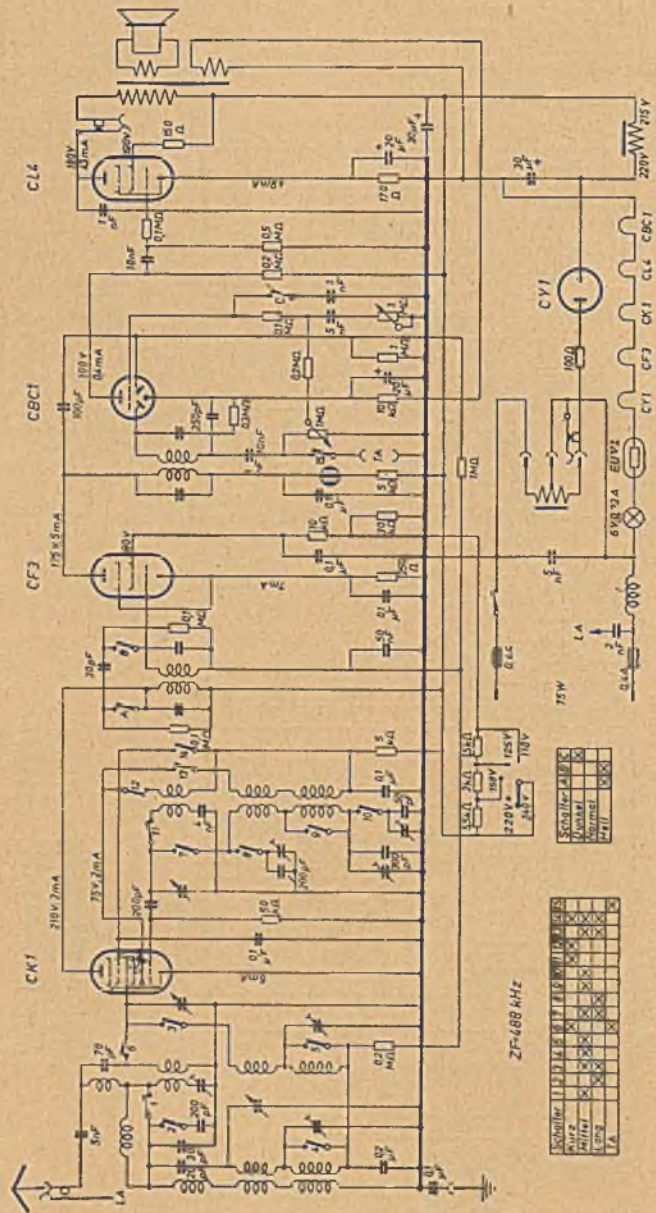




1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

ZF-488 kHz

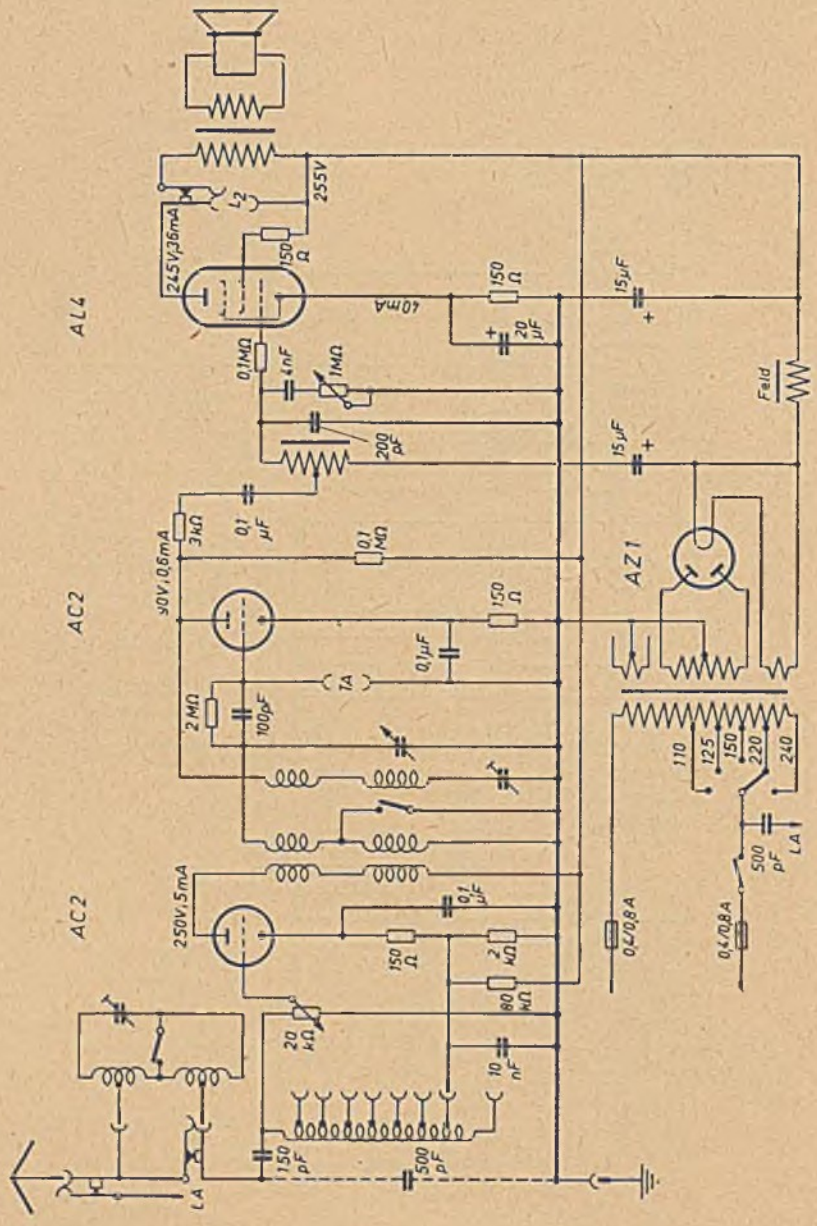
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

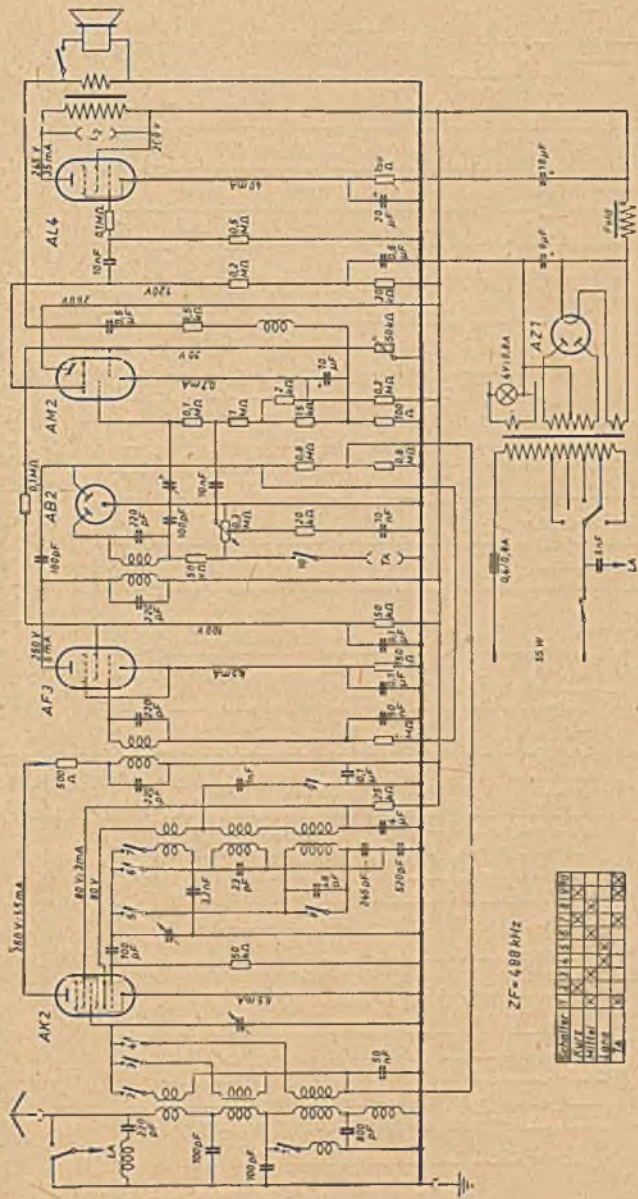


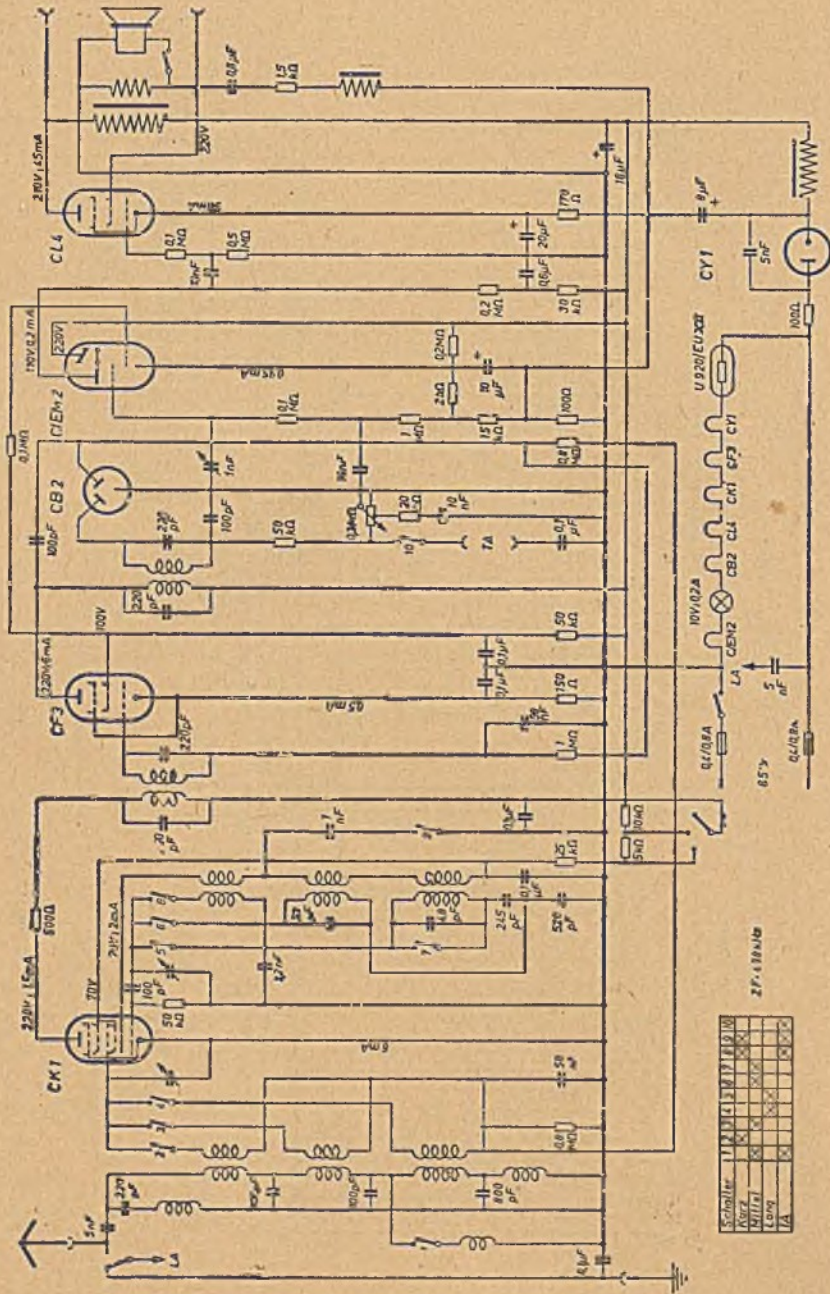
500k	200k	100k	50k	10k	1k	100Ω	10Ω	1Ω
100pF	10nF	1μF	20μF	100μF	1mF	10mF	100mF	1F

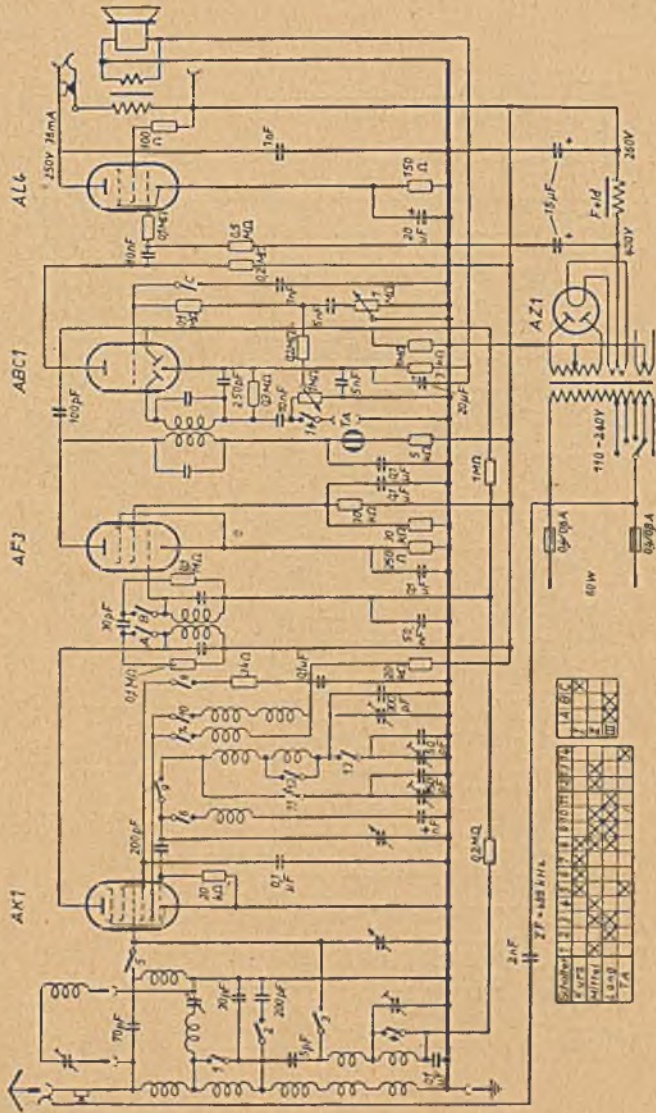
Schalter	1	2	3	4	5	6	7	8	9	10
Antenn	X	X	X	X	X	X	X	X	X	X
Antenn	X	X	X	X	X	X	X	X	X	X
Antenn	X	X	X	X	X	X	X	X	X	X
L.A.	X	X	X	X	X	X	X	X	X	X

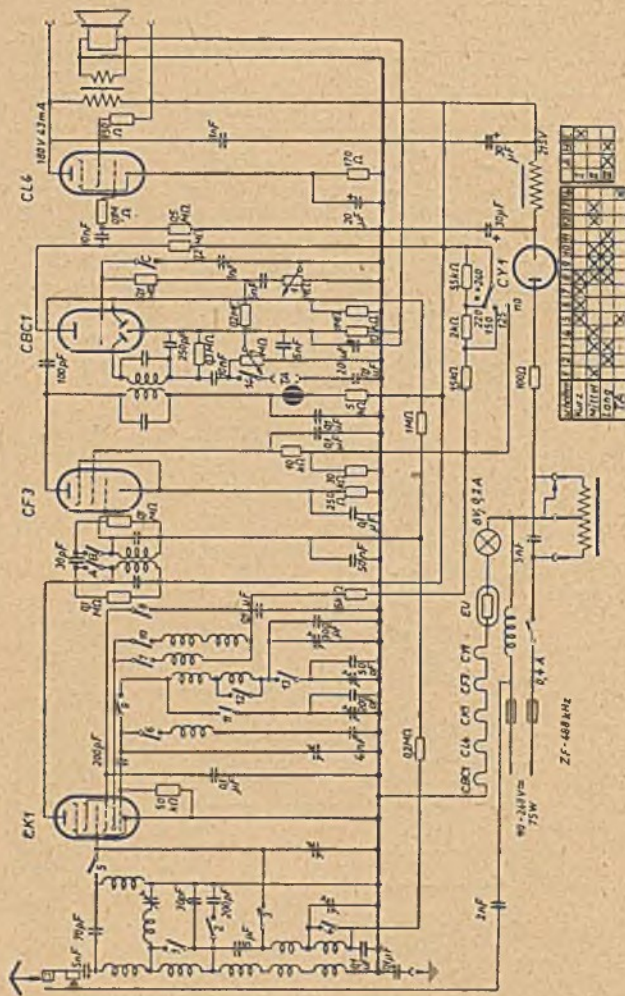
ZF-488 kHz



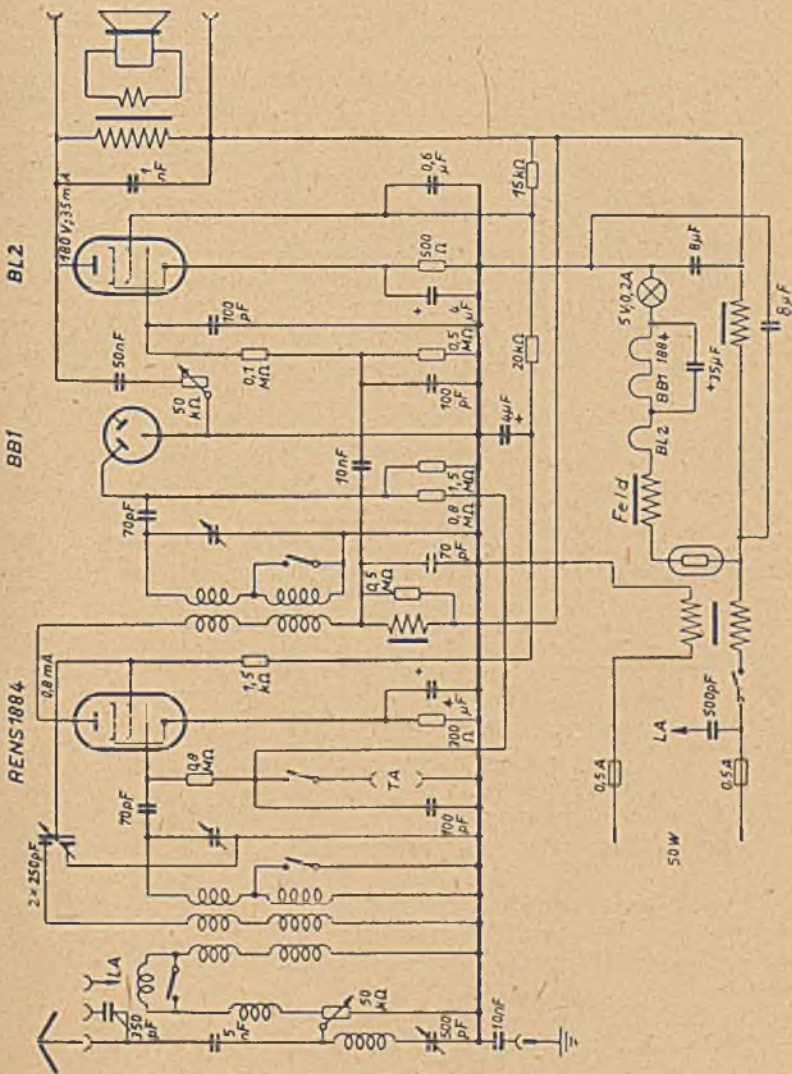




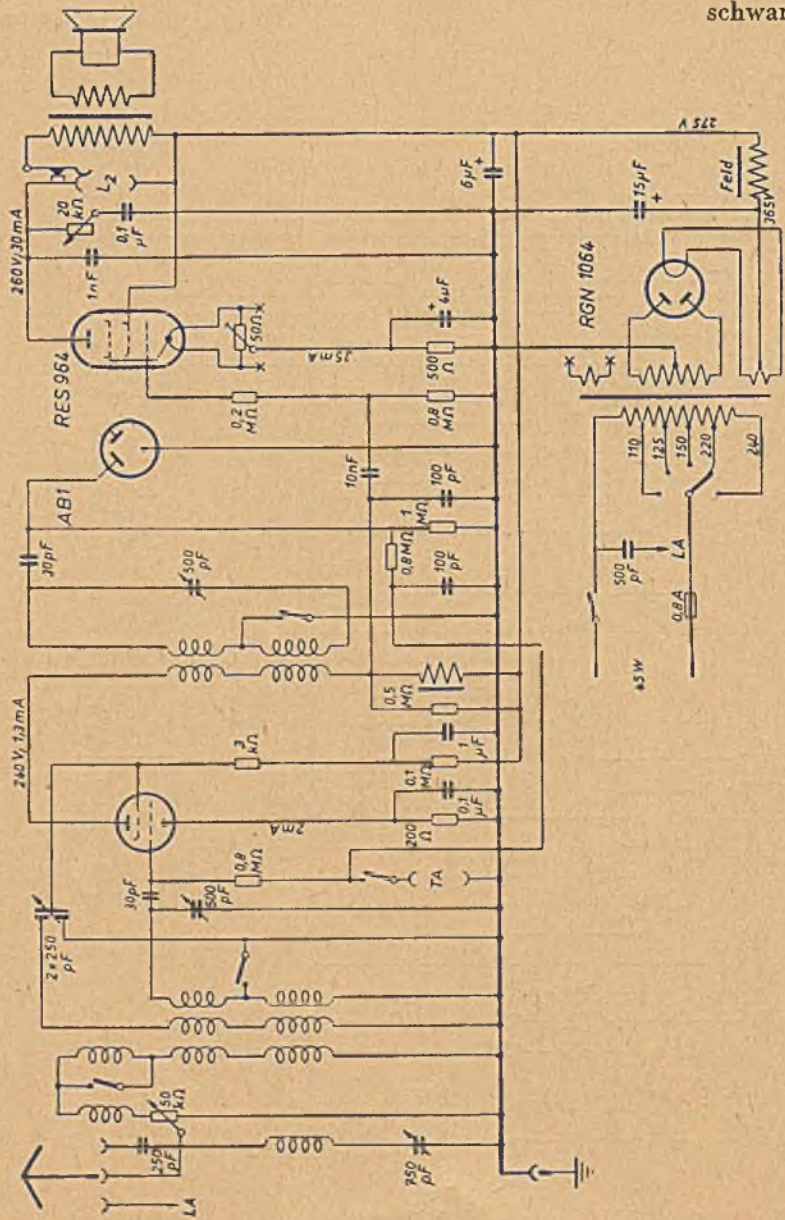


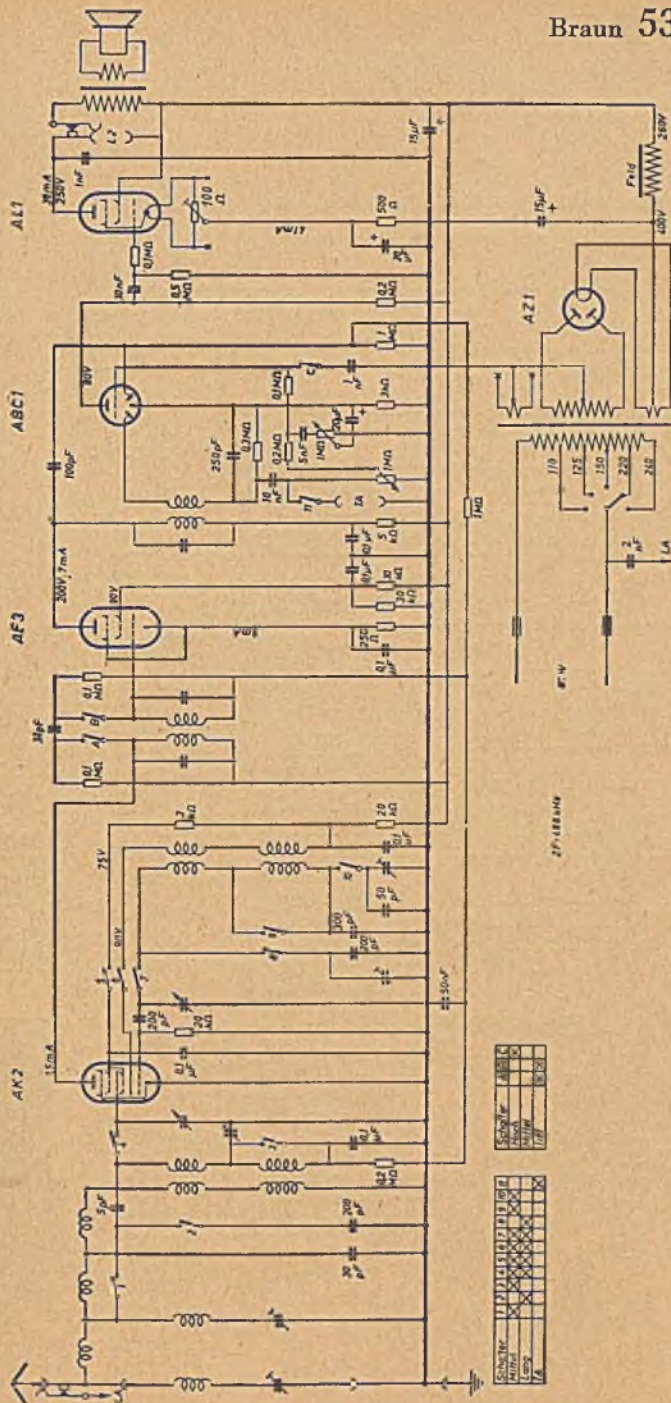


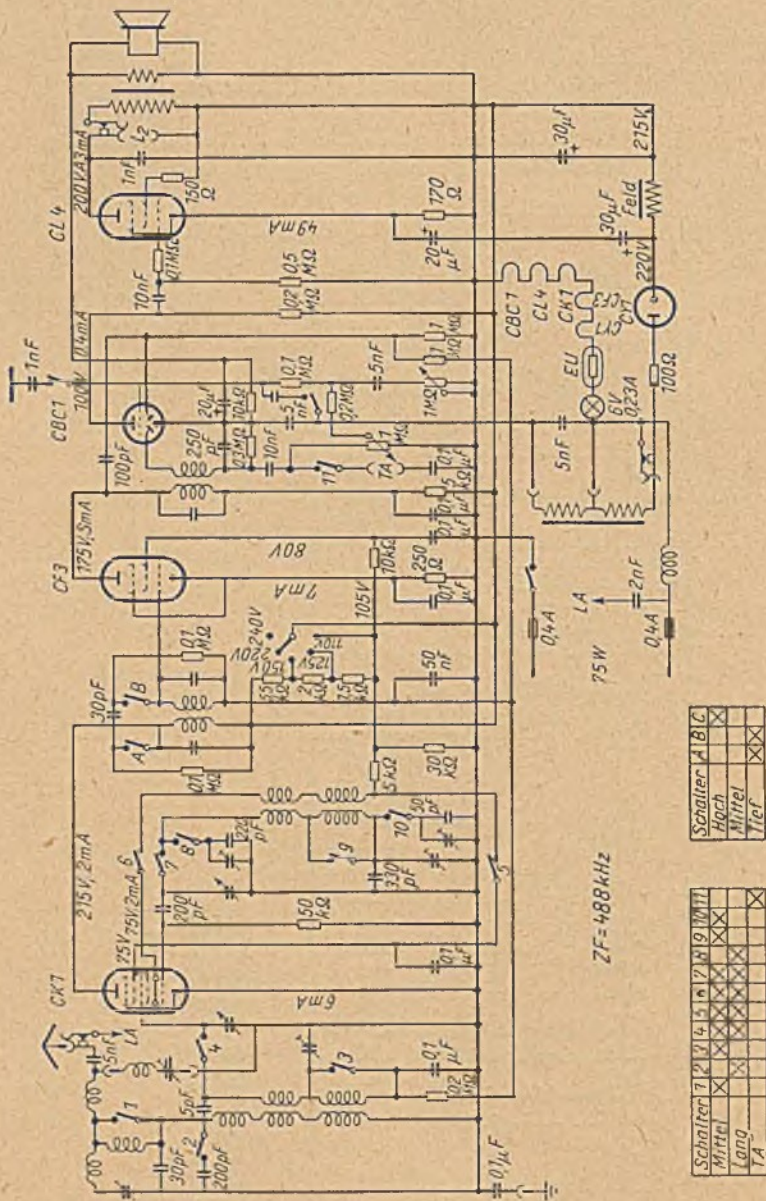
- Braun **Trumpf-Junior 555 GL** (Bakelit-Gehäuse)
 " " **565 GL** (Holz-Gehäuse, braun)
 " " **575 GL** (555 GL und Phono)
 " " **585 GL** (555 GL Holz-Gehäuse,
 schwarz)



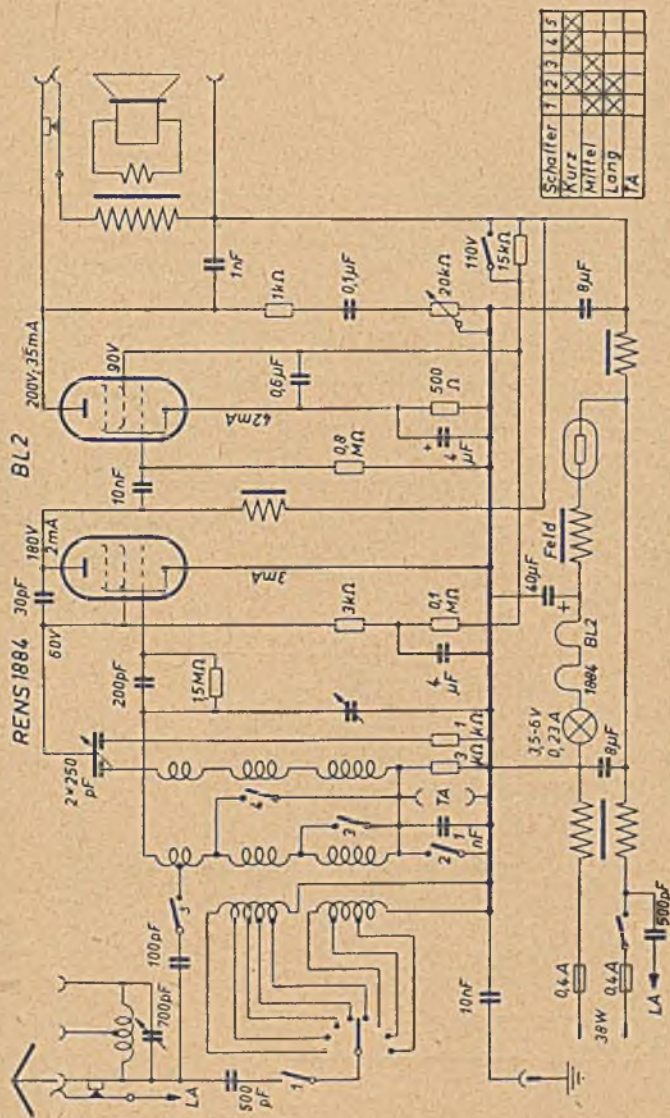
Braun **Trumpf-Junior 550 W** (Bakelit-Gehäuse)
 " " **560 W** (Holz-Gehäuse, braun)
 " " **570 W** (550 W und Phono)
 " " **580 W** (550 W Holz-Gehäuse,
 schwarz)





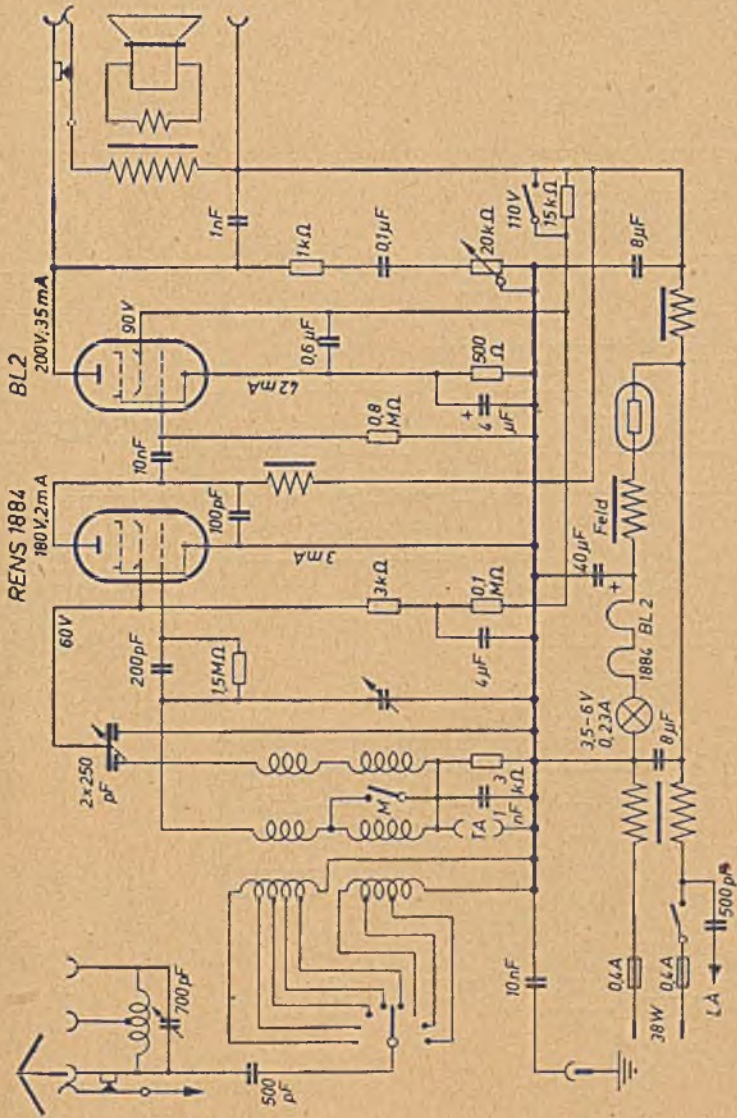


Braun **Trumpf 525 GL**
 " **545 GL** (525 GL und Phono)

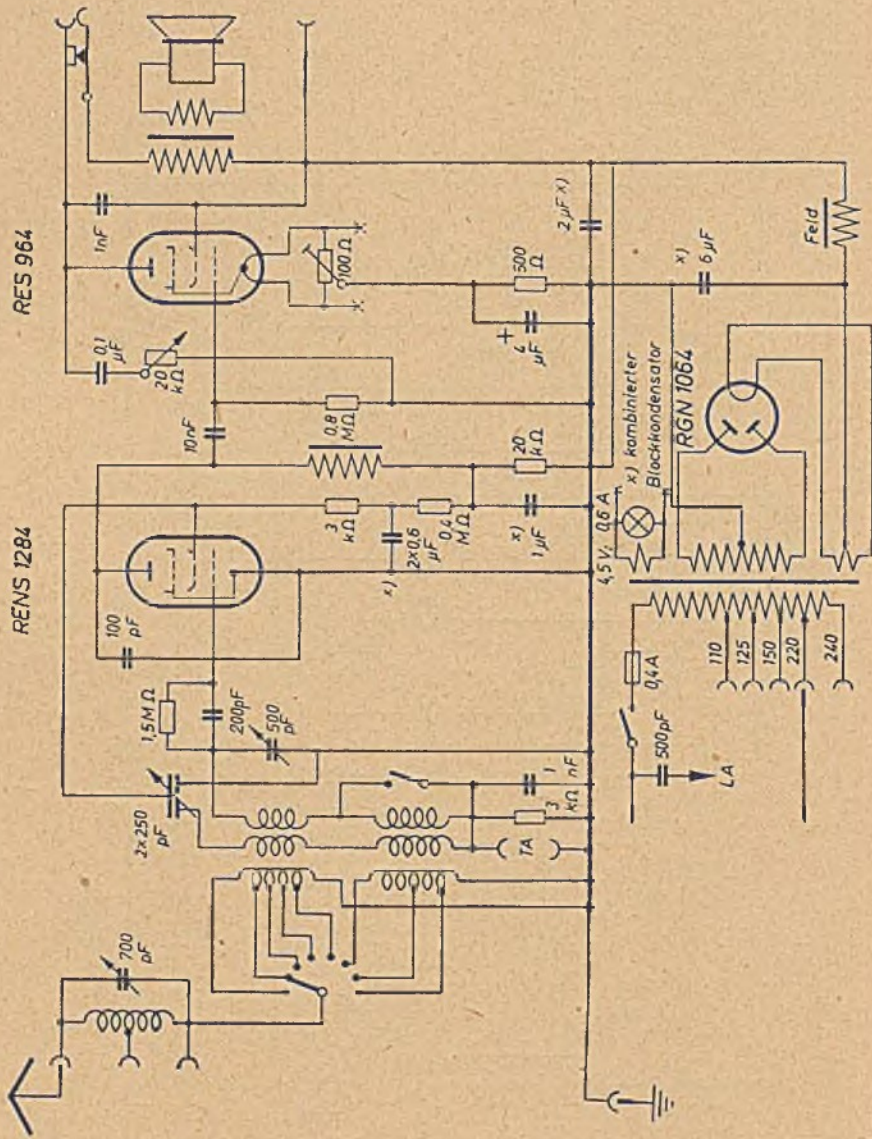


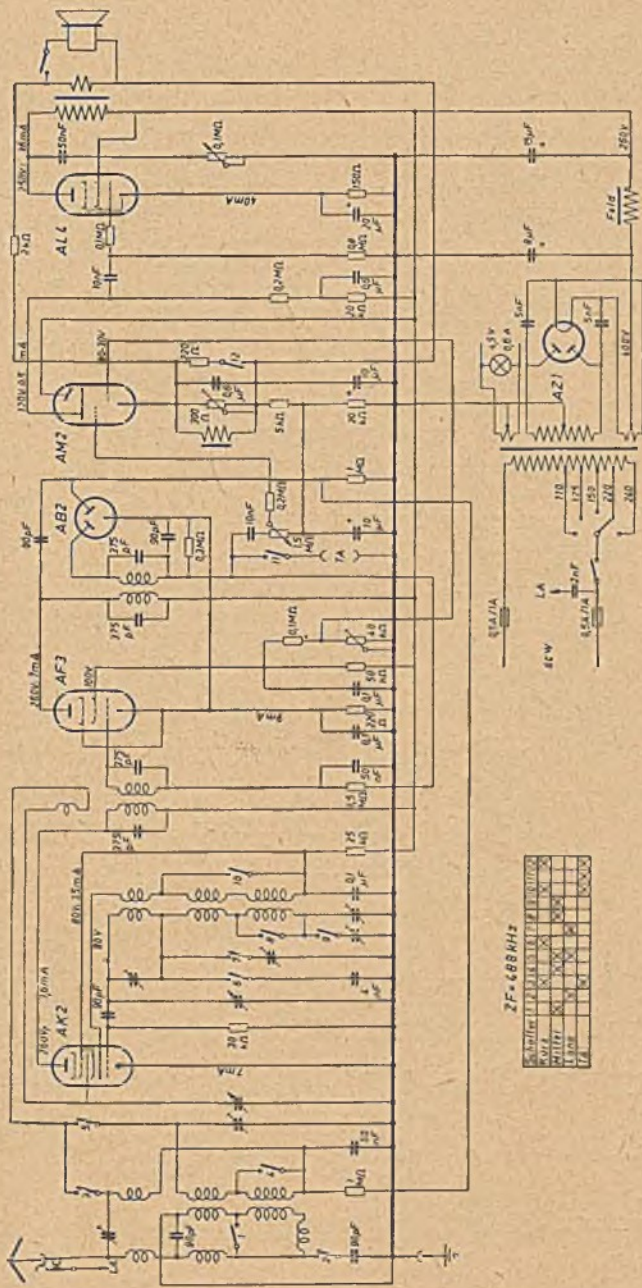
Schalter	1	2	3	4	5
Kurz	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Mittel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Lang	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
TA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Braun Trumpf 515 GL
 " 535 GL (515 GL und Phono)



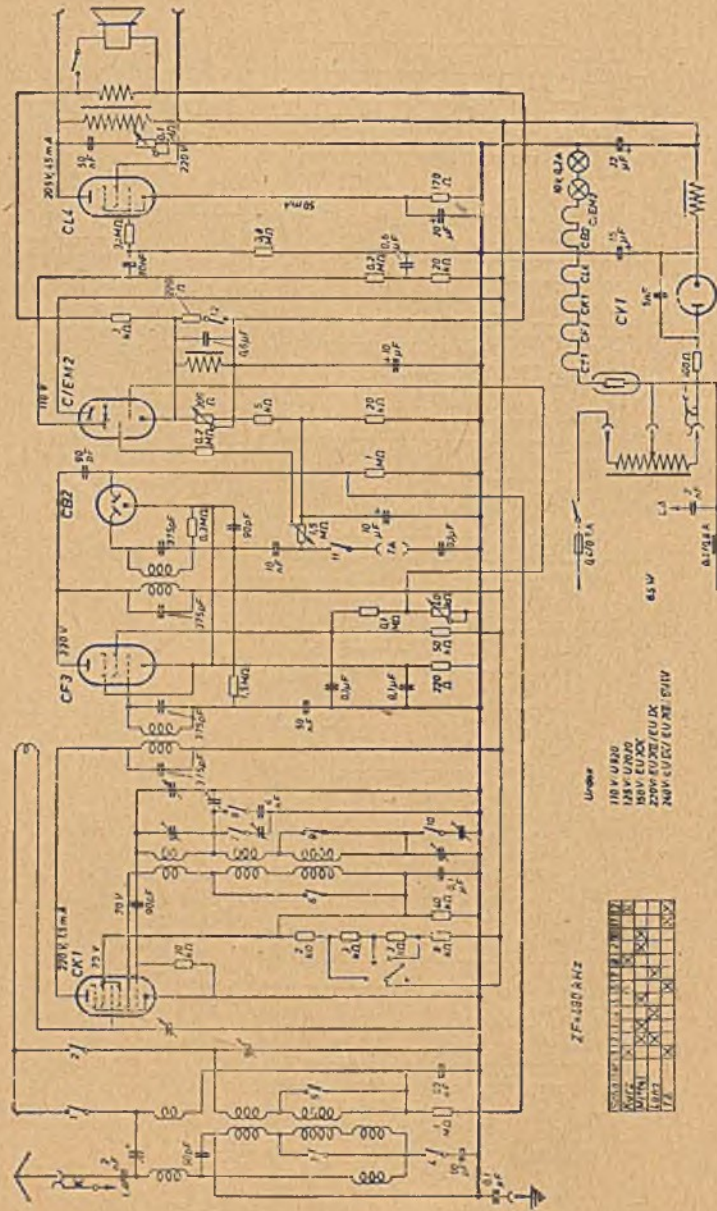
Braun **Trumpf 510 W**
 " **530 W** (510 W und Phono)

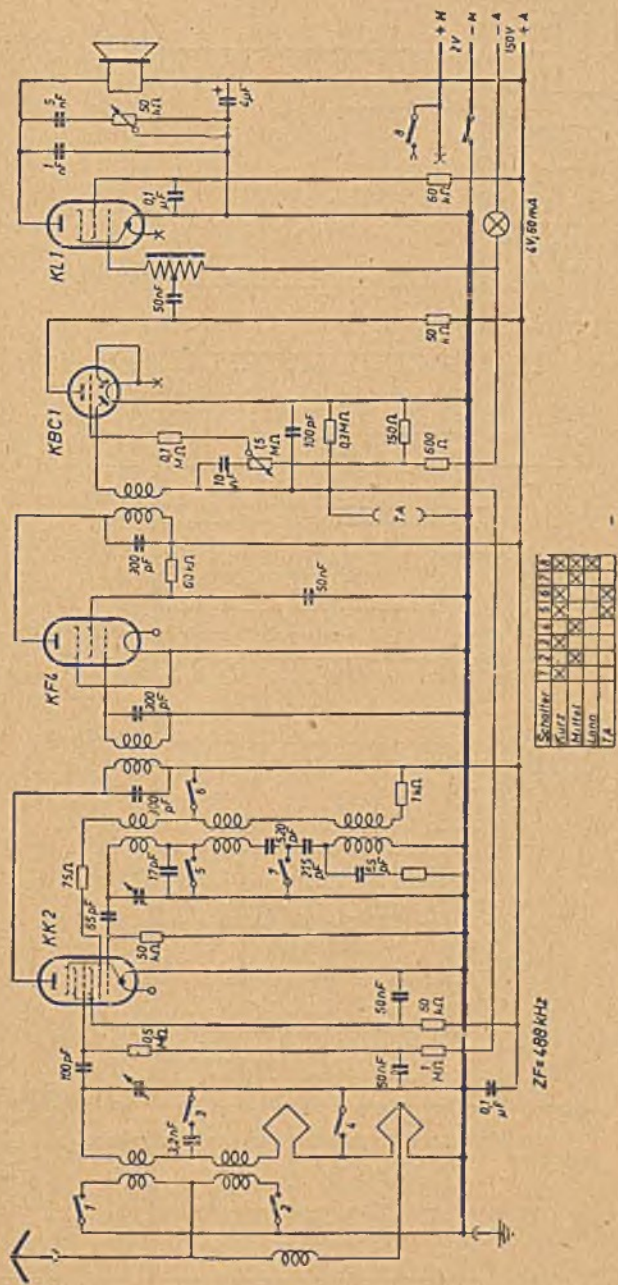




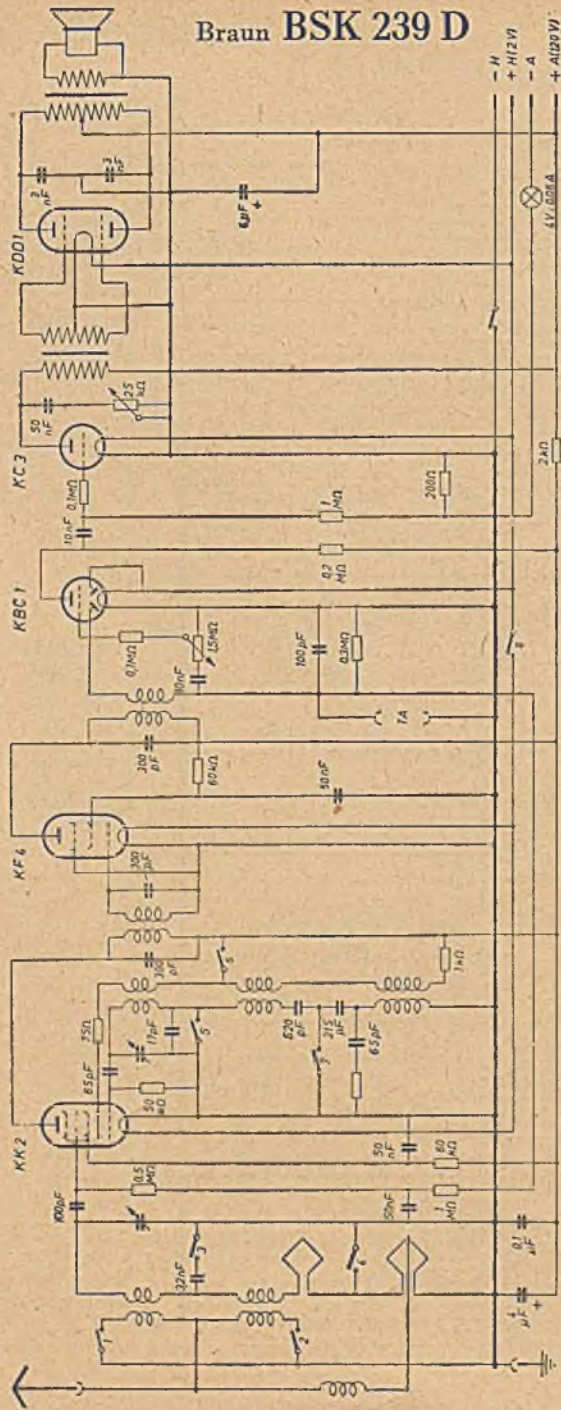
ZF = 688 kHz

Schaltstellung	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
KW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
W	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
L	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
H	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15



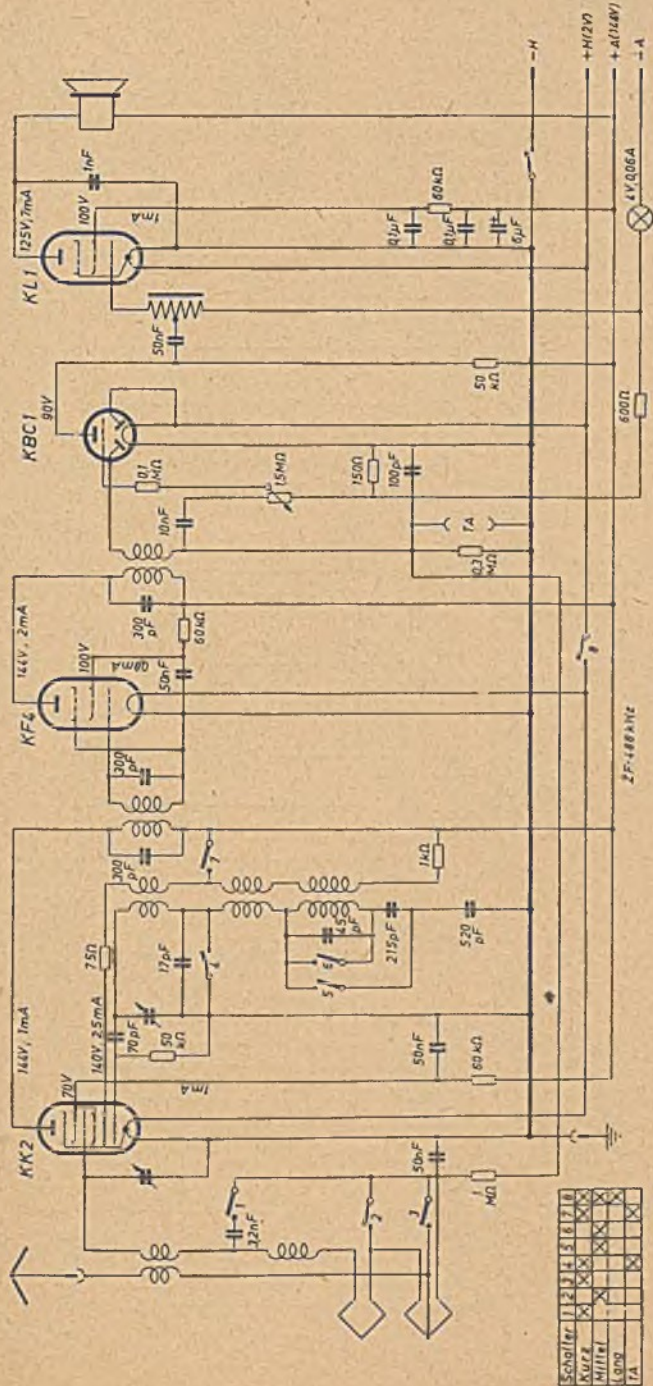


Braun BSK 239 D

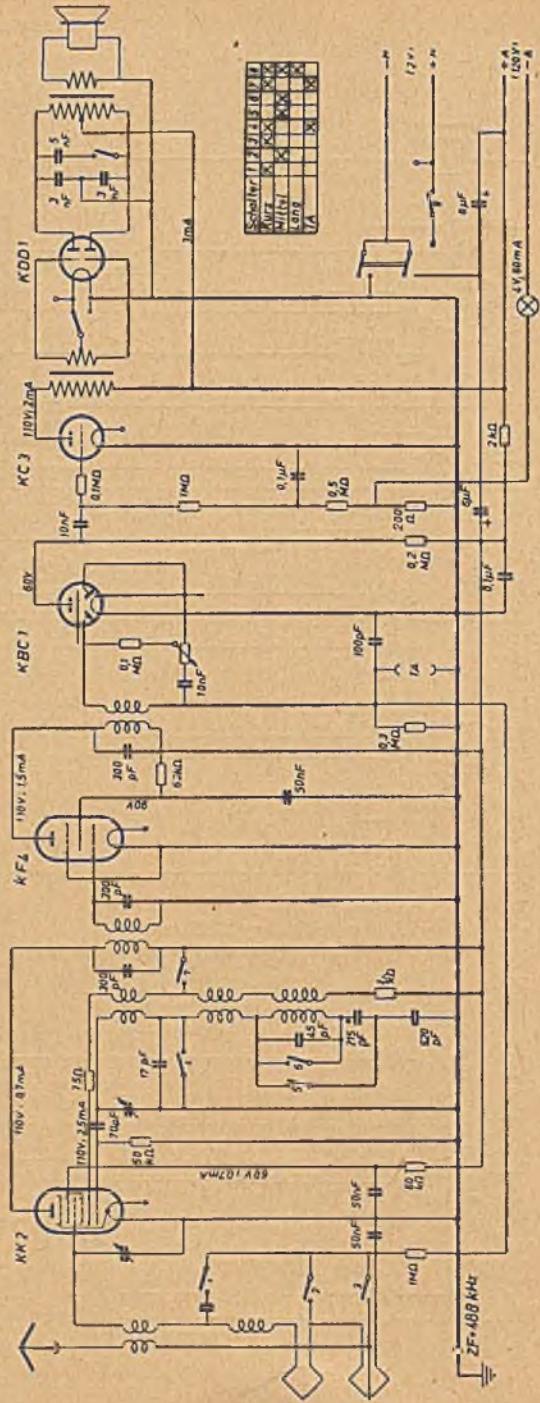


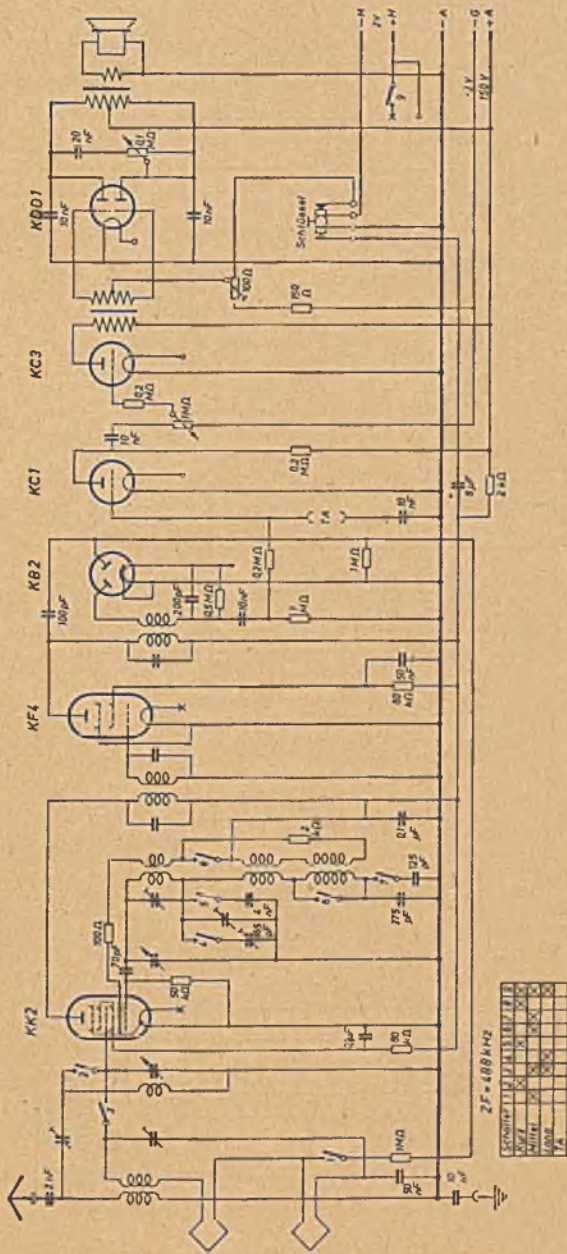
ZF: 488 kHz

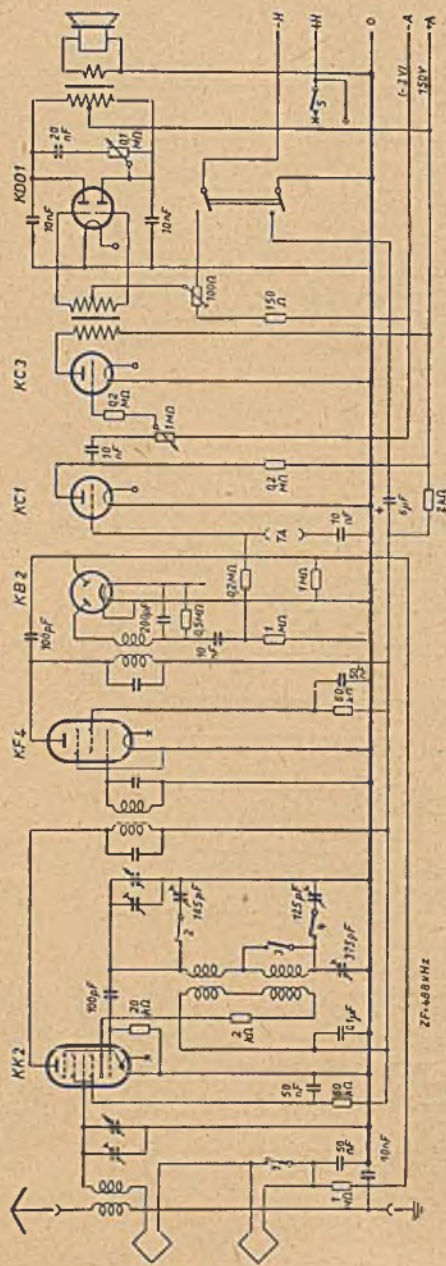
SW/gleiter	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Ant	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Antip	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Lang	X	X	X	X	X	X	X	X	X	X	X	X	X	X
TA	X	X	X	X	X	X	X	X	X	X	X	X	X	X



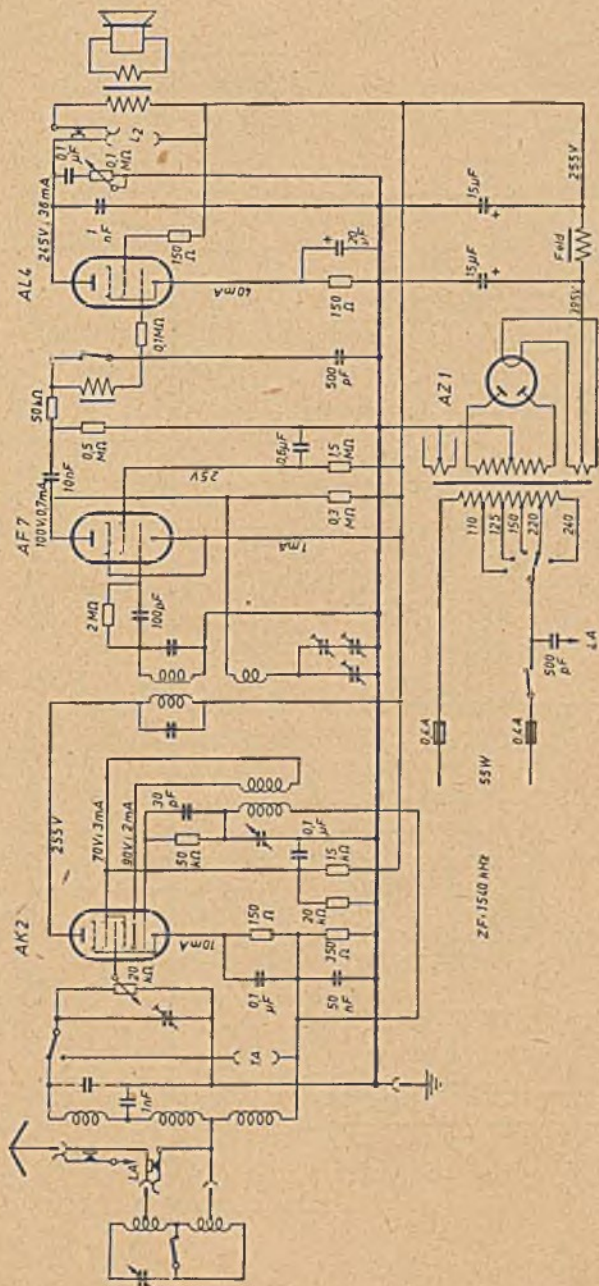
Schalter	1	2	3	4	5	6	7	8	9	10
Kurz	X	X	X	X	X	X	X	X	X	X
Mittel	X	X	X	X	X	X	X	X	X	X
Lang	X	X	X	X	X	X	X	X	X	X
TA	X	X	X	X	X	X	X	X	X	X

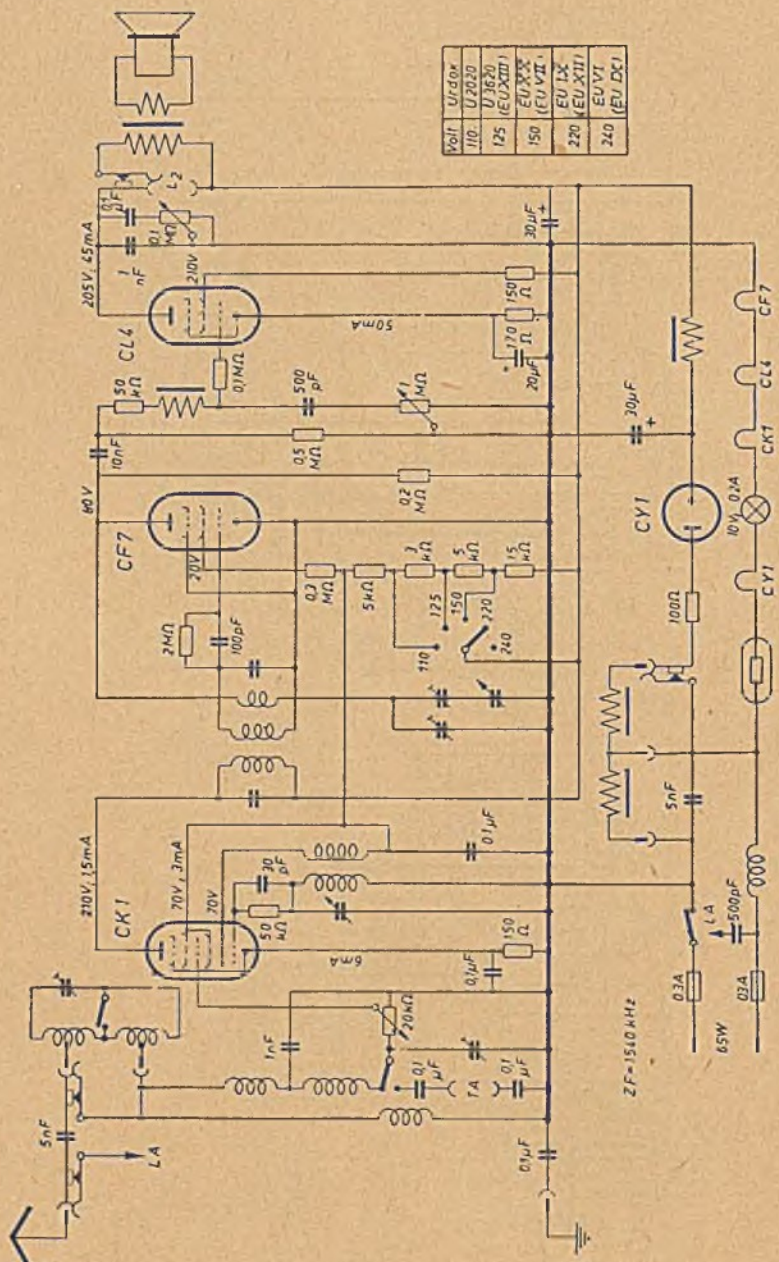




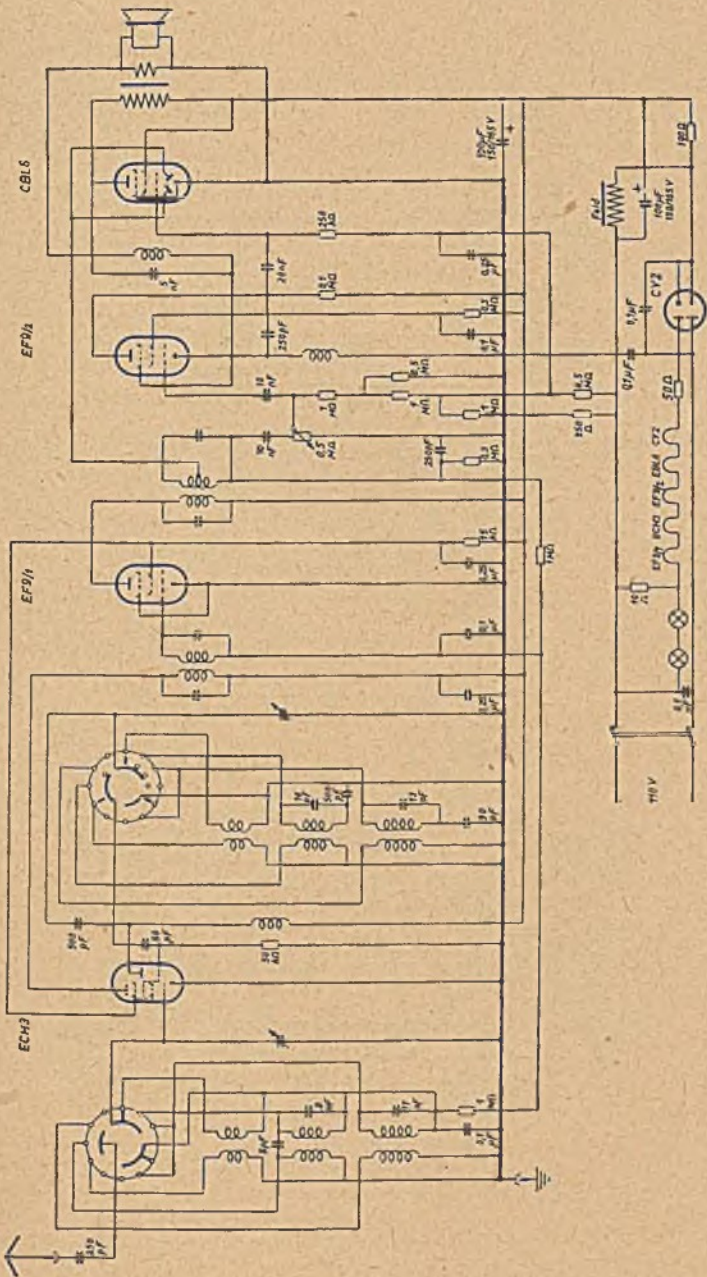


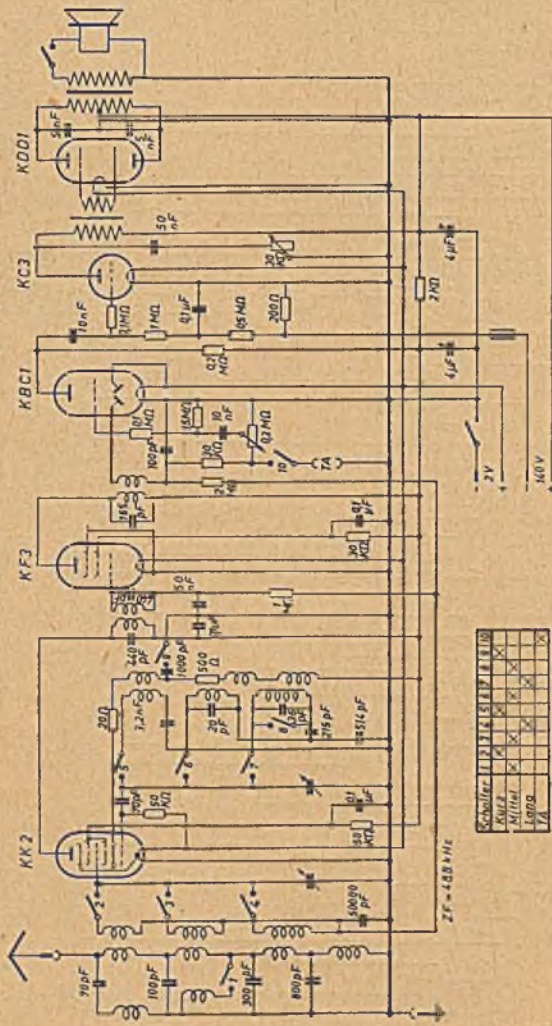
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20

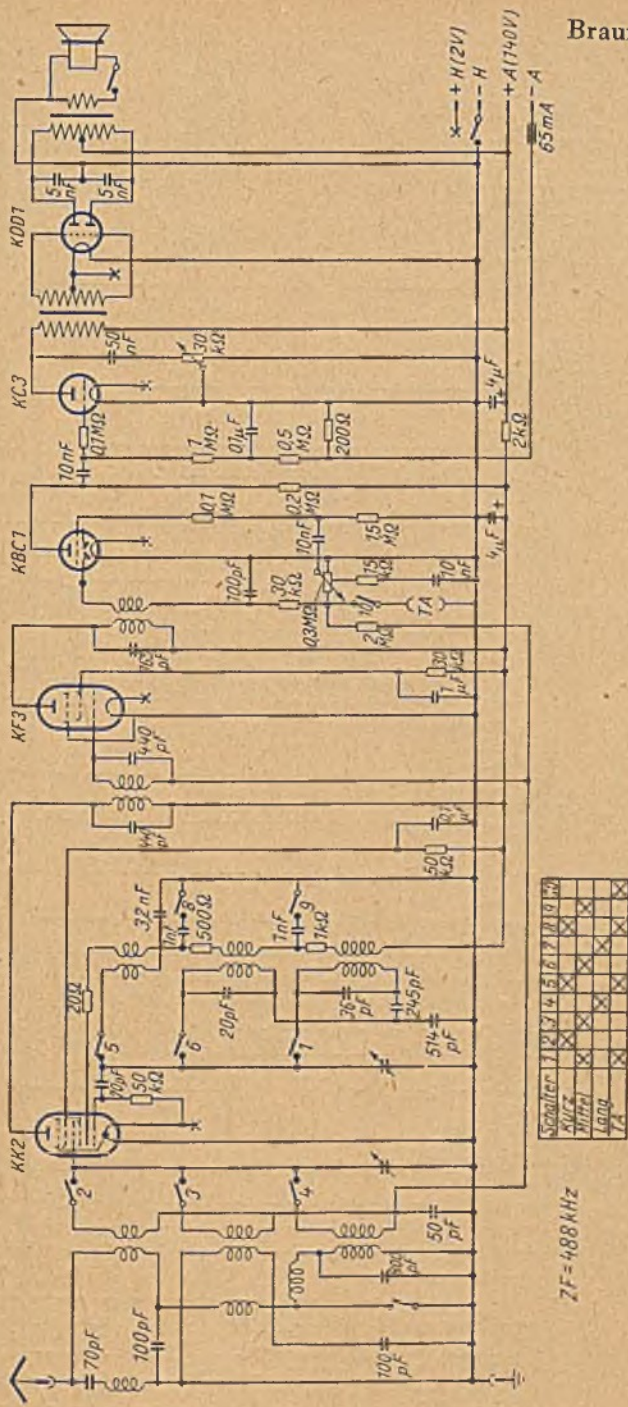


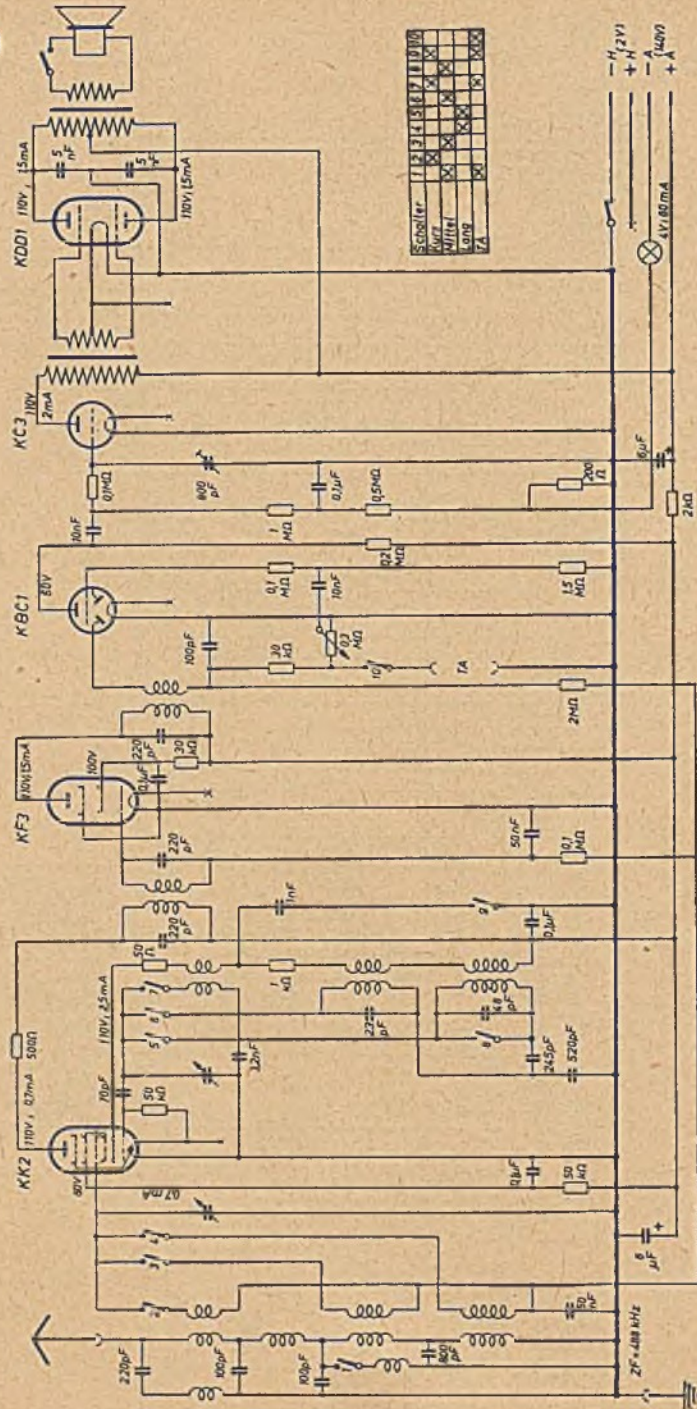


Volt	Urdot
110	U 2030
125	U 3620 (EU XXII)
150	EU XX (EU VI)
220	EU IX (EU VII)
240	EU VI (EU DC)



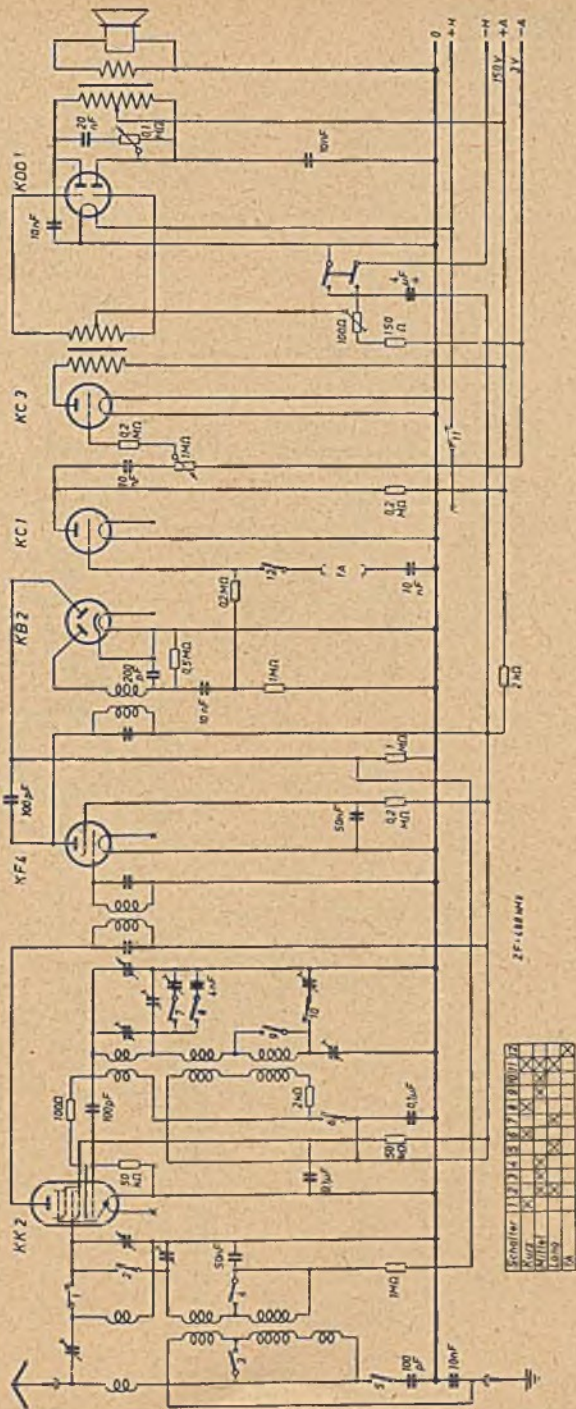


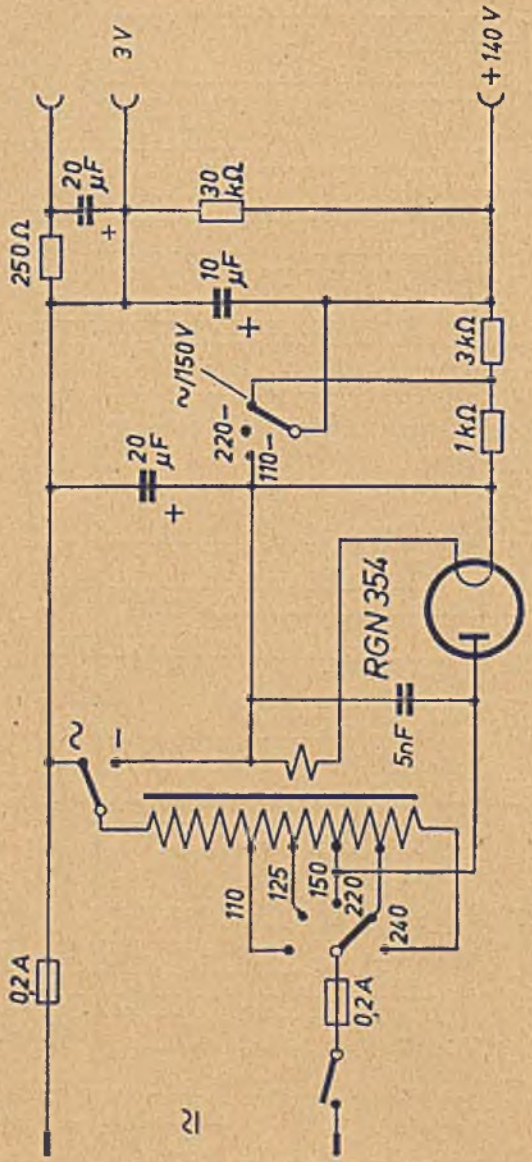


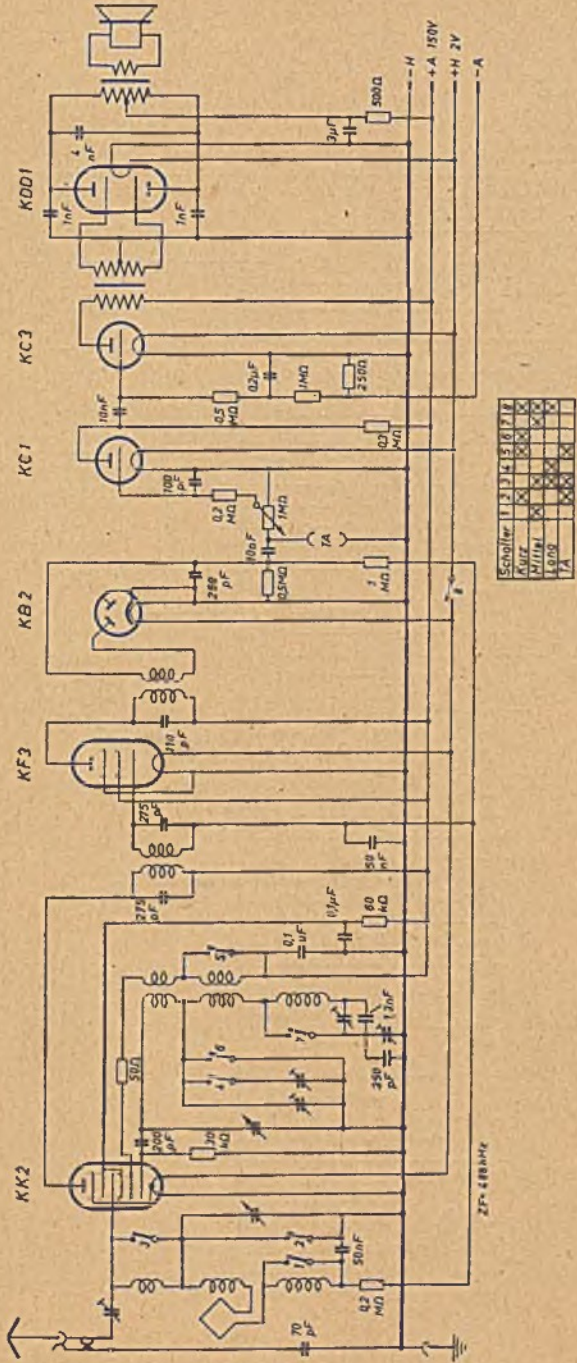


Schaltver.	1	2	3	4	5	6	7	8	9	10
KV1		X								
KV2										
KV3										
KV4										
KV5										
KV6										
KV7										

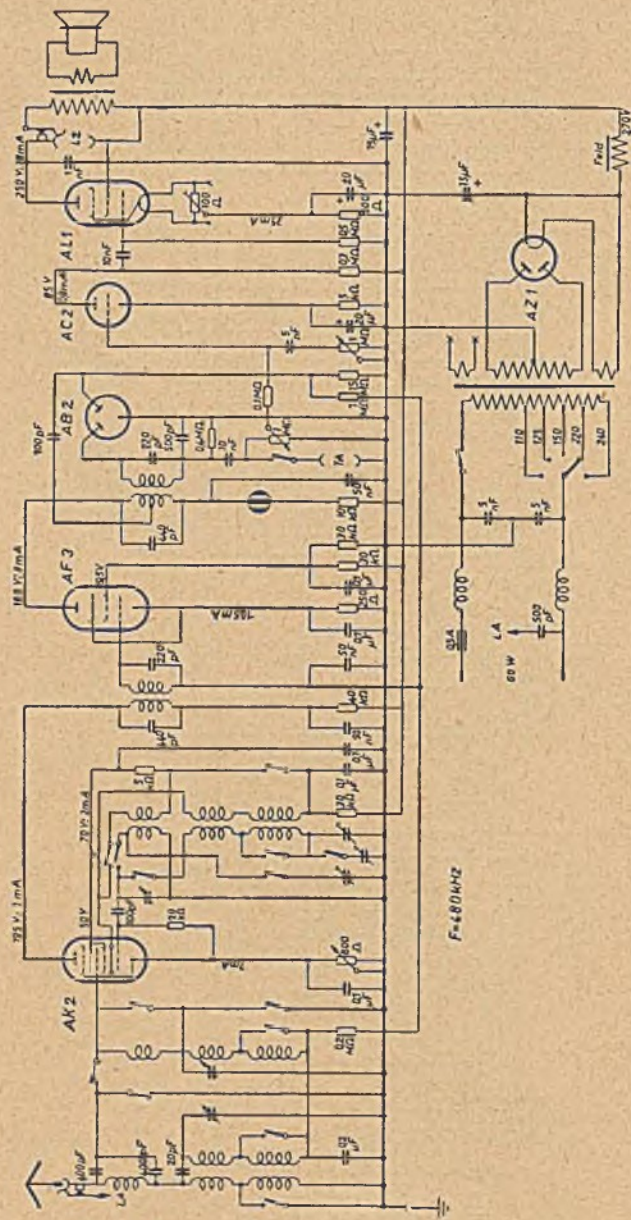
Braun
BS 37

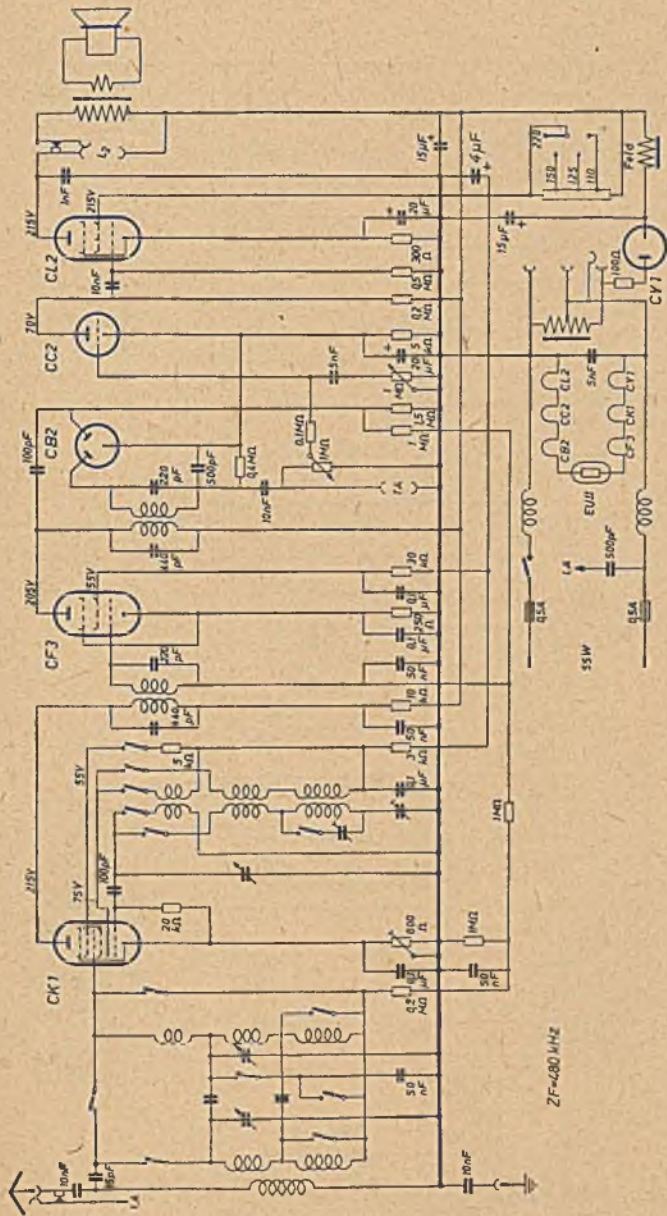


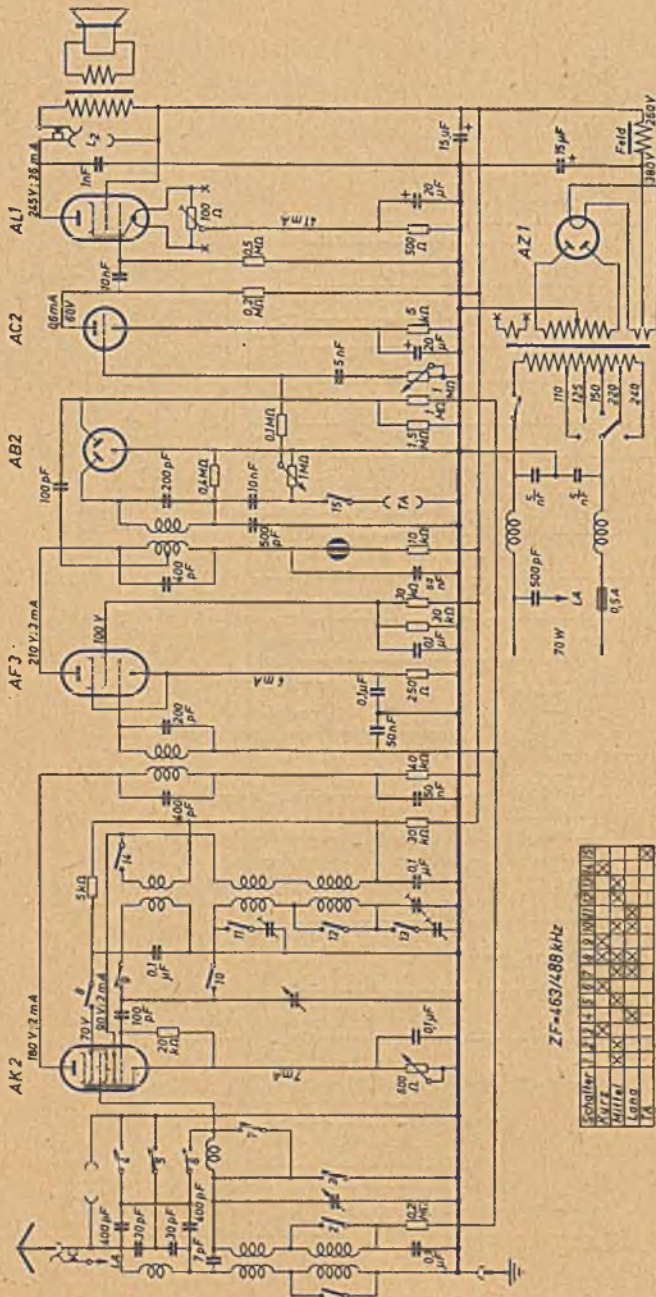


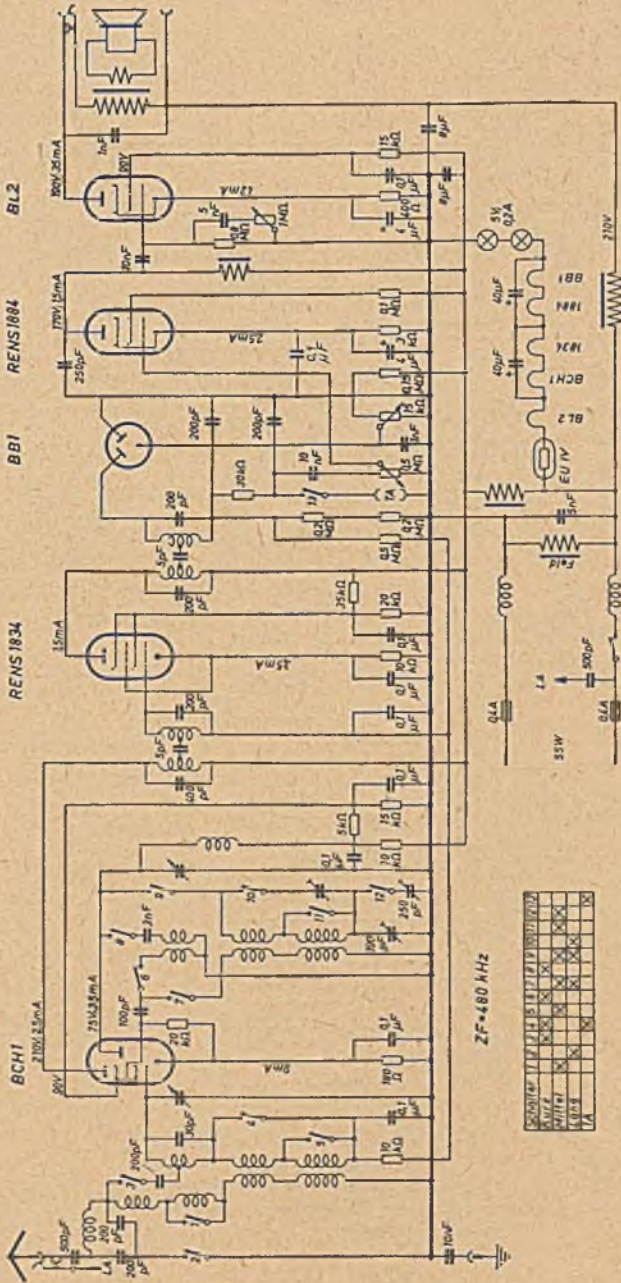


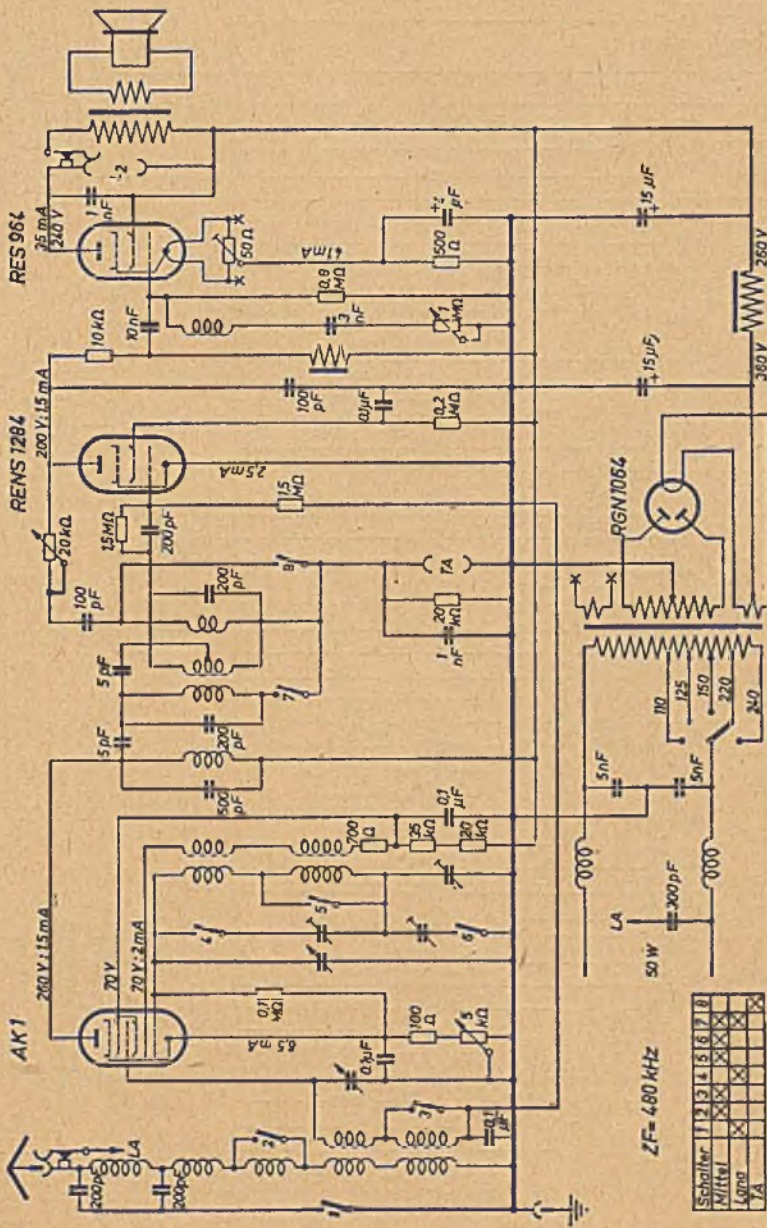
Schalter	1	2	3	4	5	6	7	8	9	10
Kurz	X	X	X	X	X	X	X	X	X	X
W/T	X	X	X	X	X	X	X	X	X	X
1-0-0-0	X	X	X	X	X	X	X	X	X	X
TA	X	X	X	X	X	X	X	X	X	X

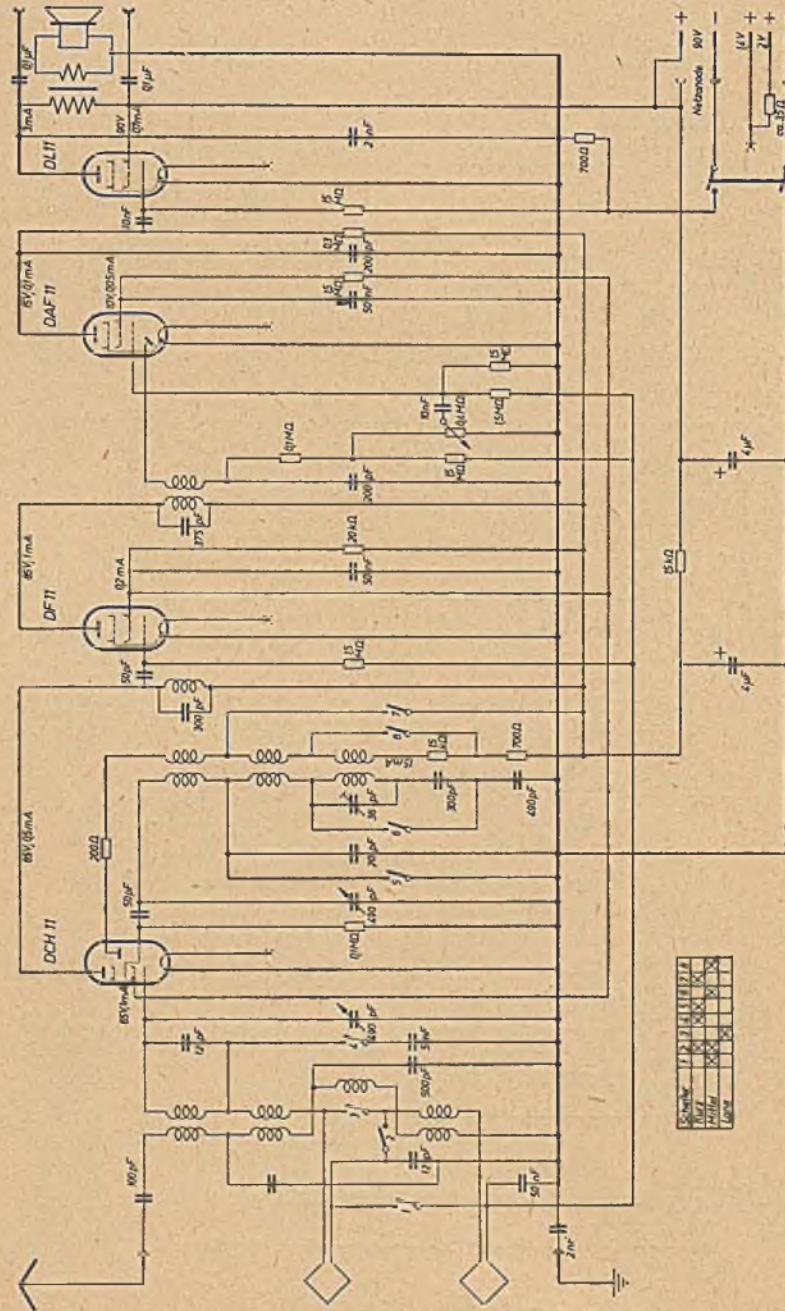




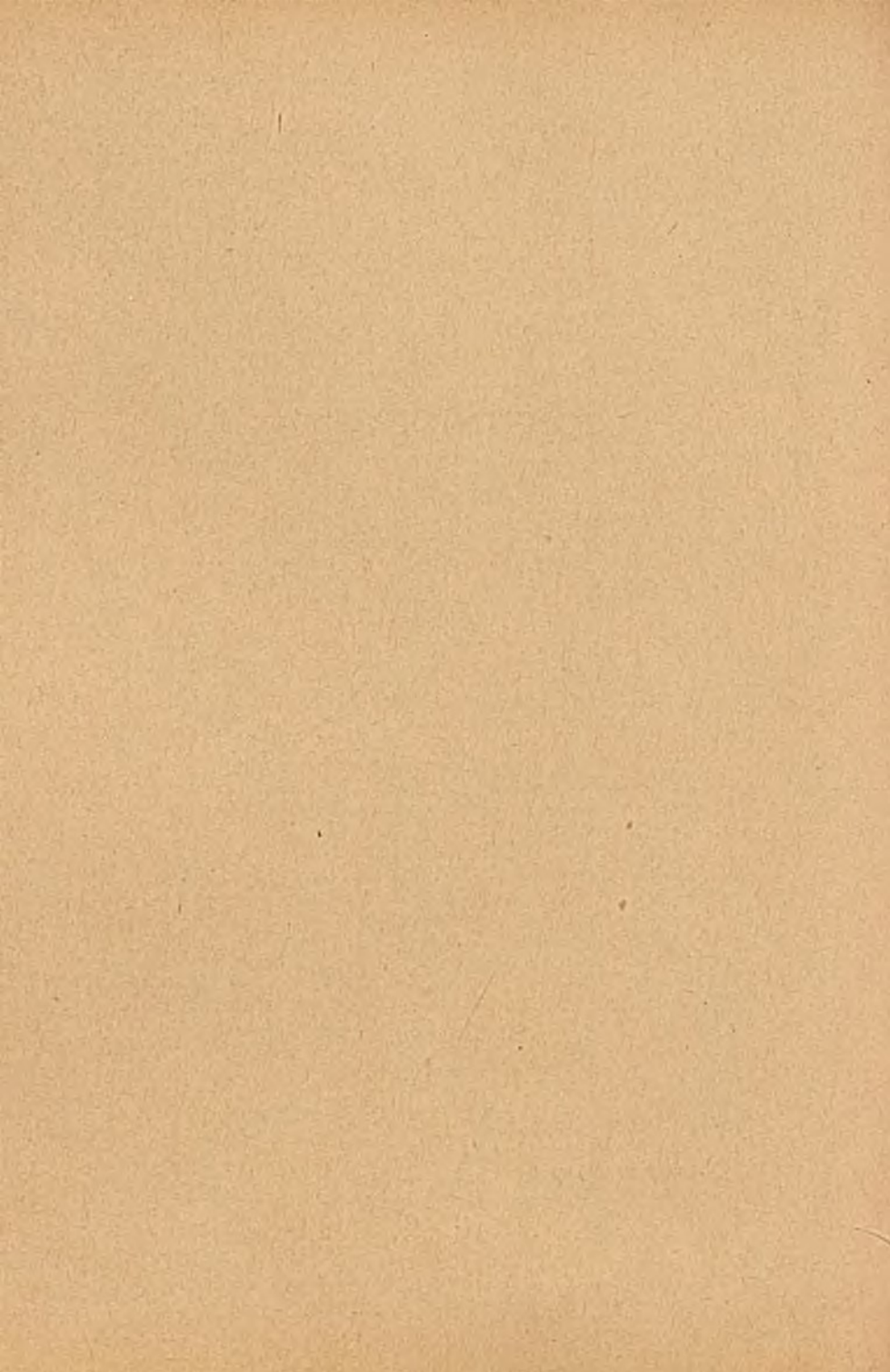




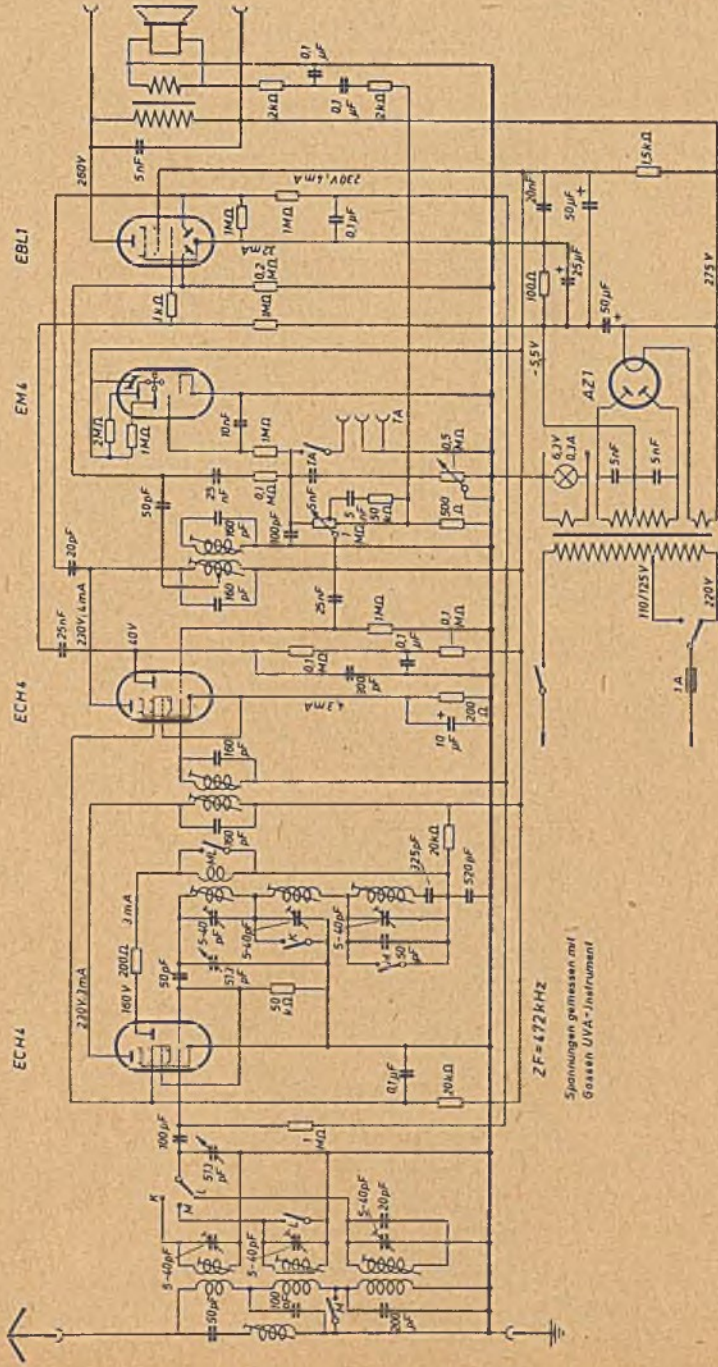




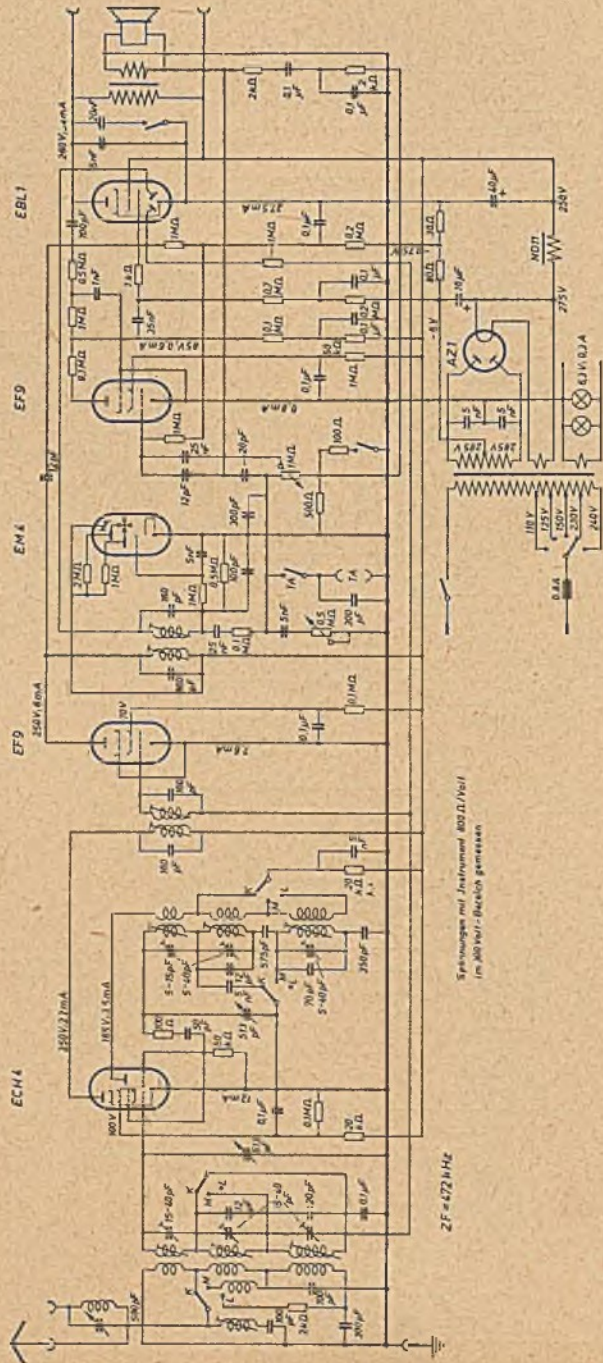
CONTINENTAL



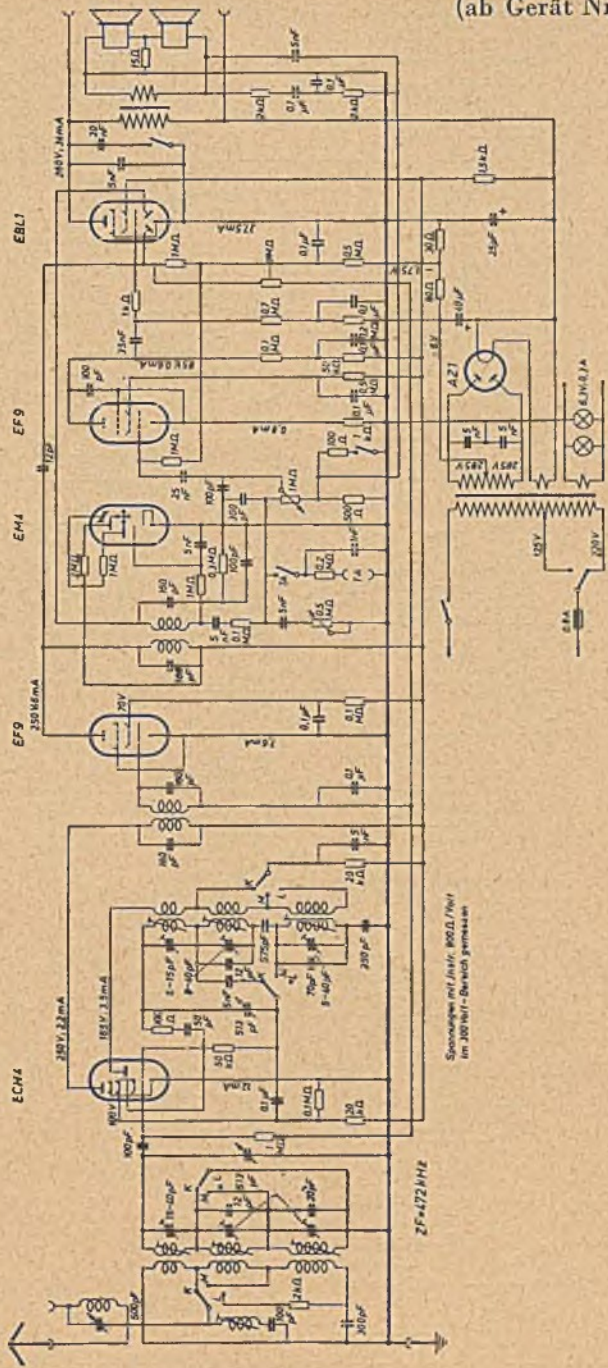
Continental Imperial 660 W



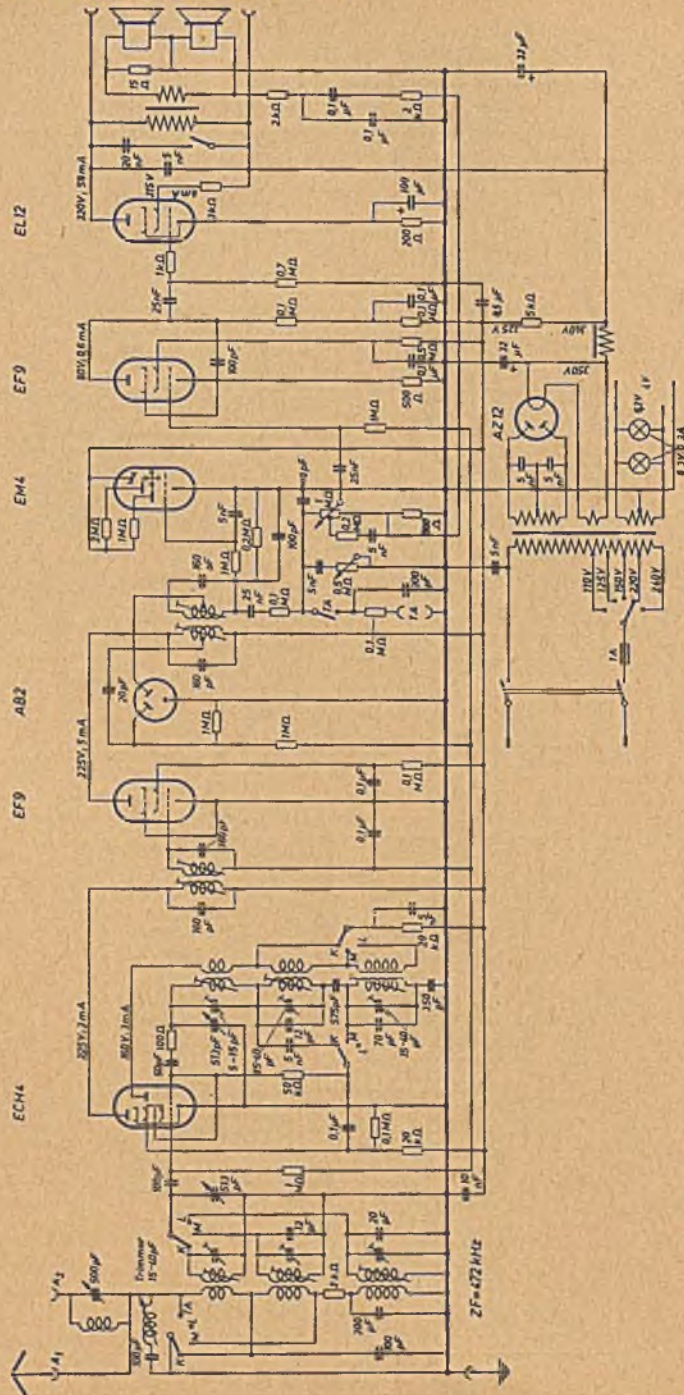
Continental Imperial 61 W (bis Gerät Nr. 3341)



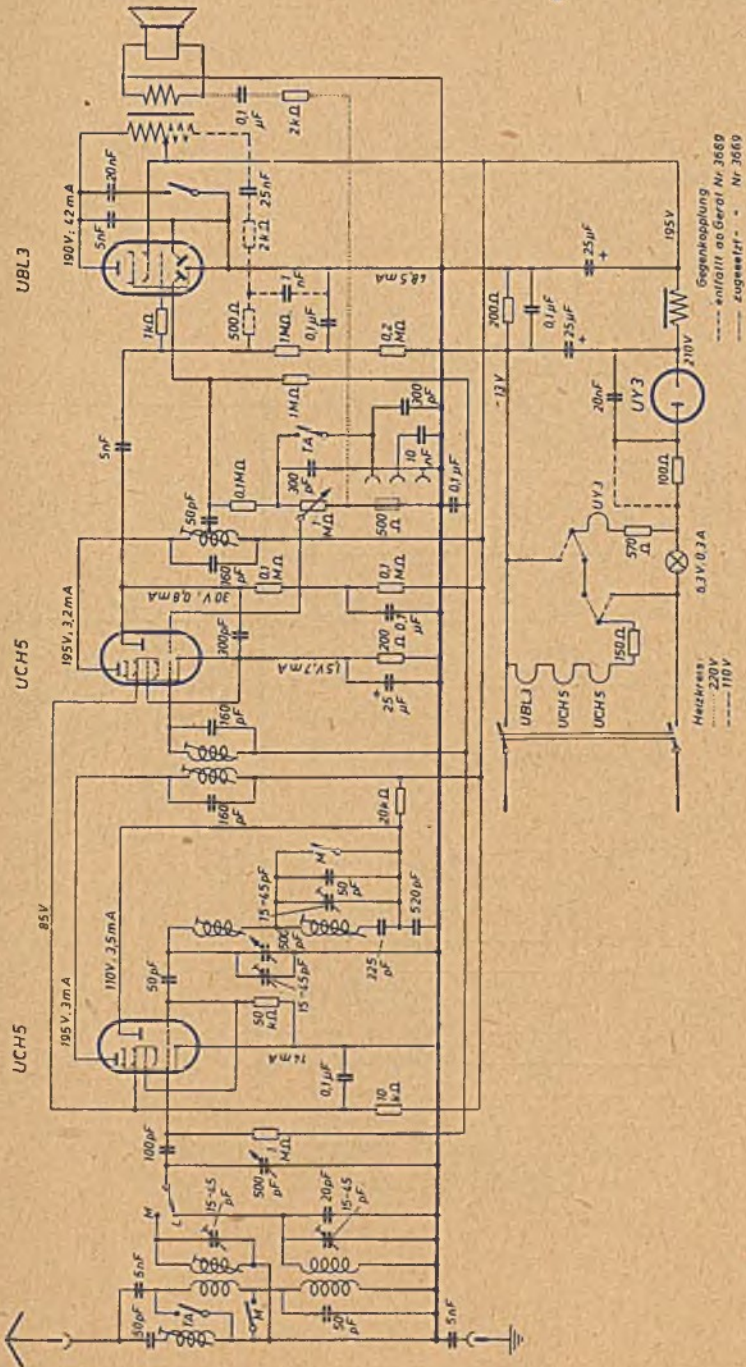
Continental Imperial 61 W mit 2 Lautsprechern
 (ab Gerät Nr. 3342)

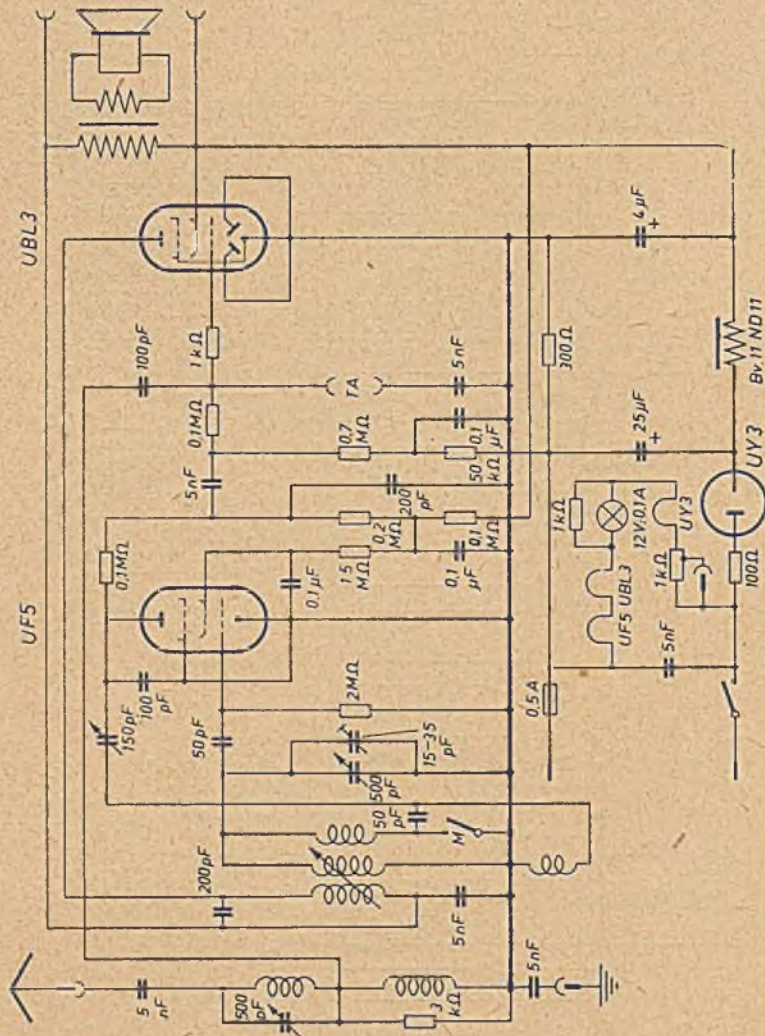


Continental Imperial 62 W

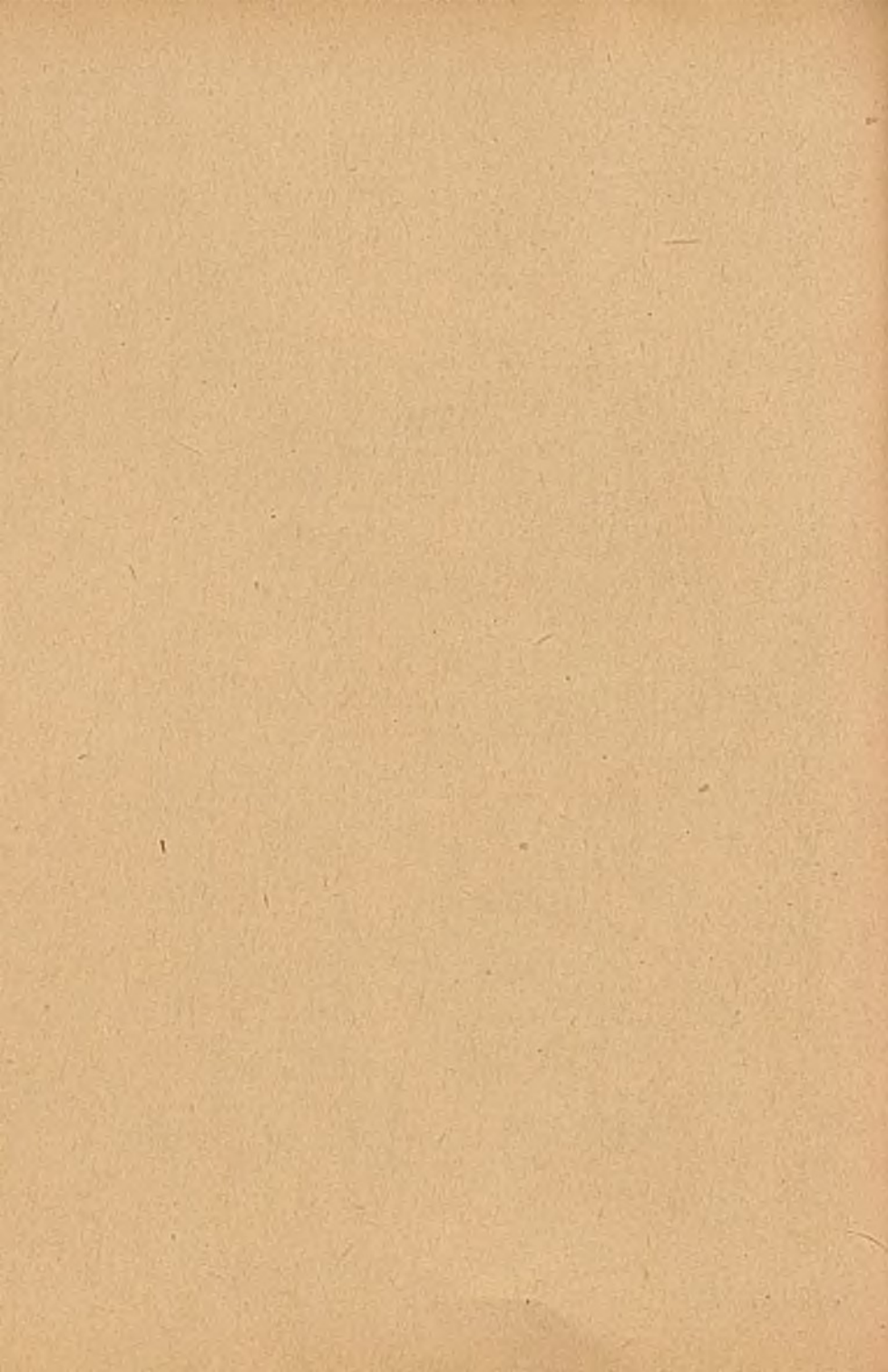


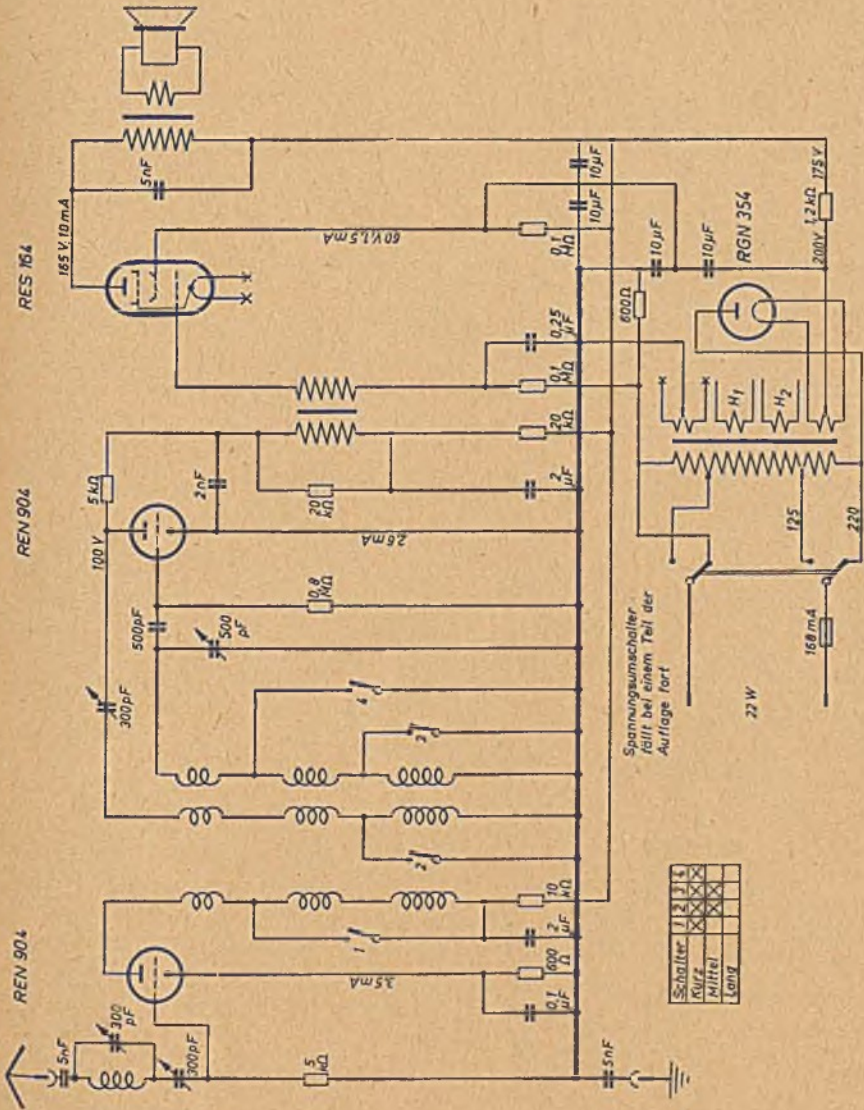
Continental Imperial 50 GW

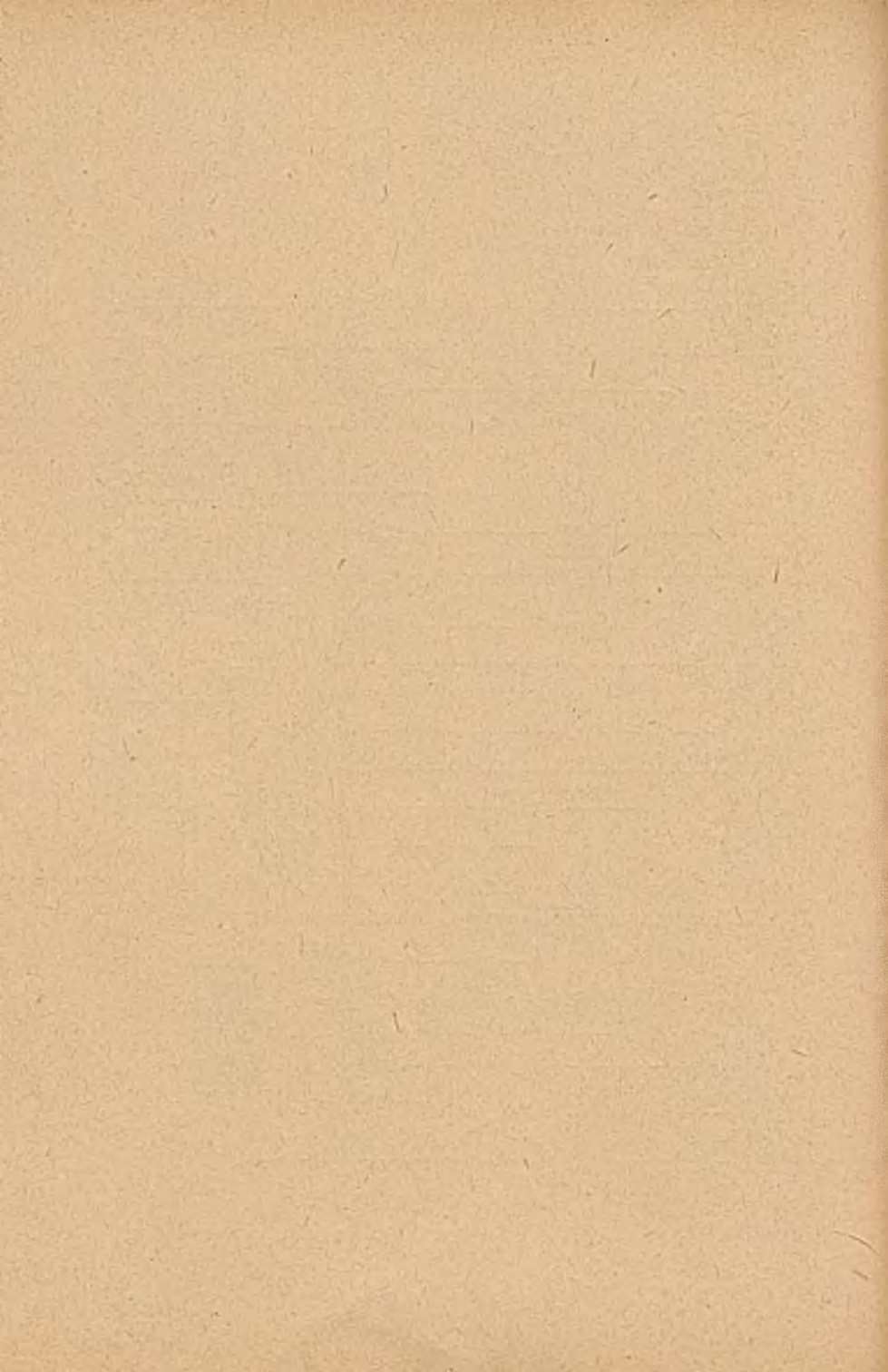




DTW
(Produktion nach 1945)

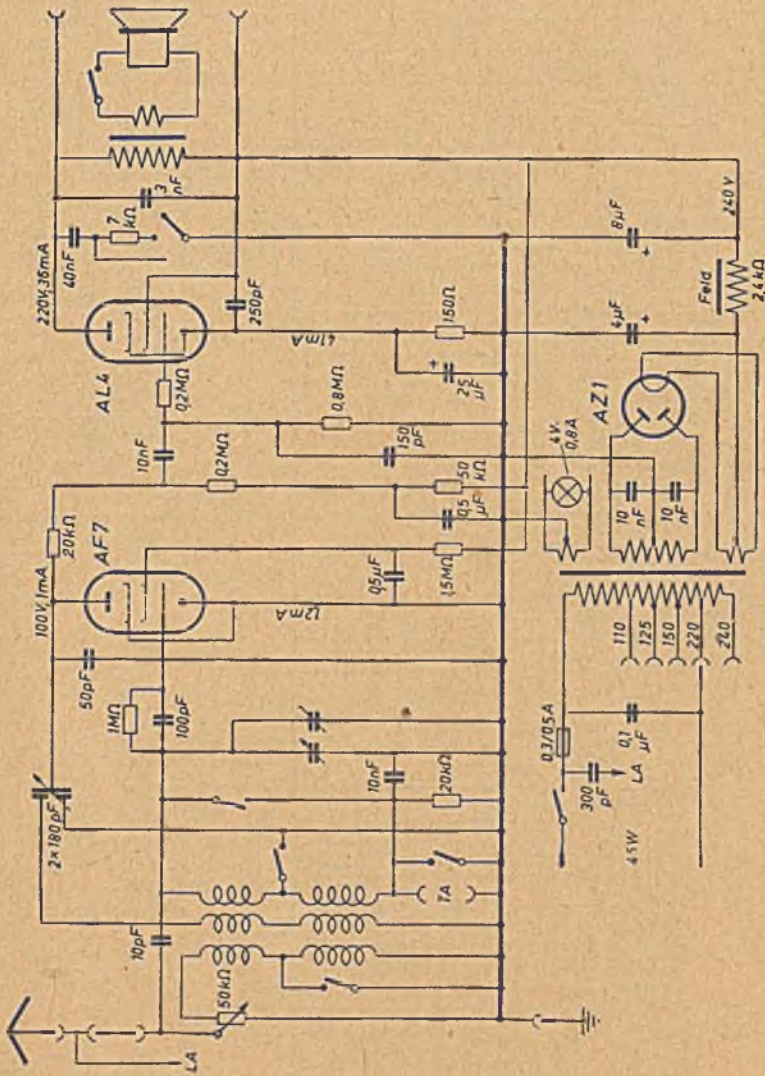


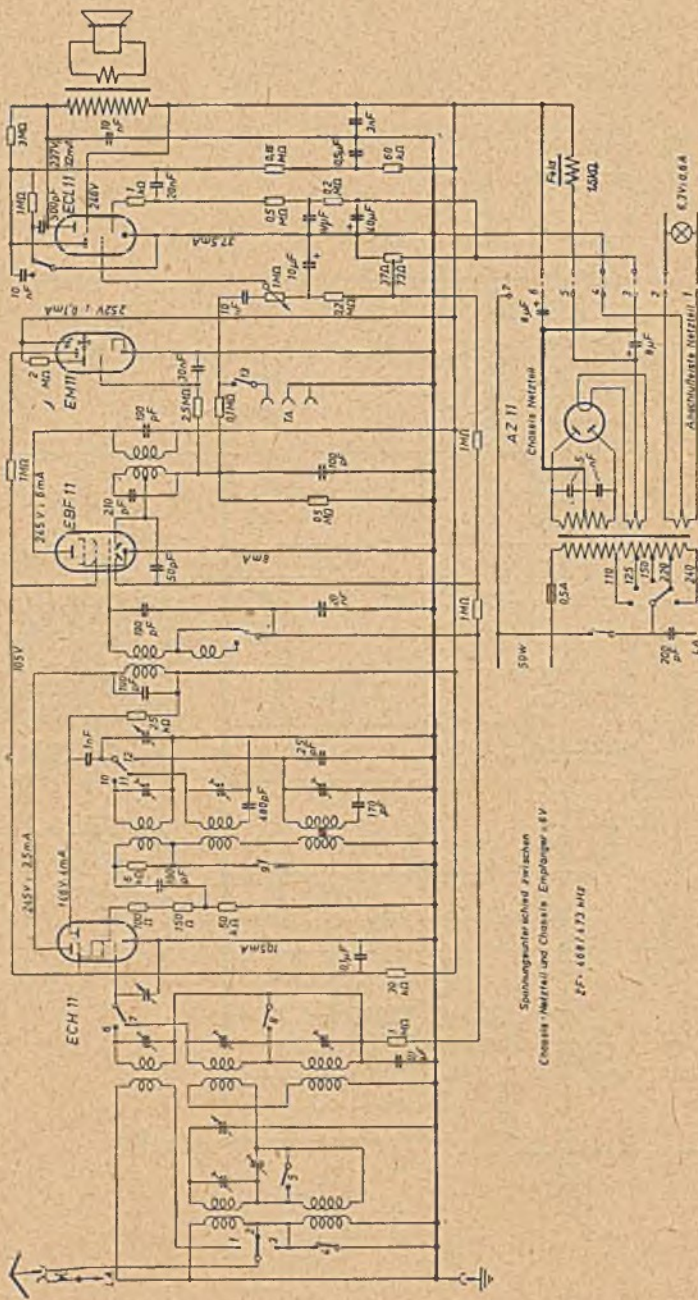


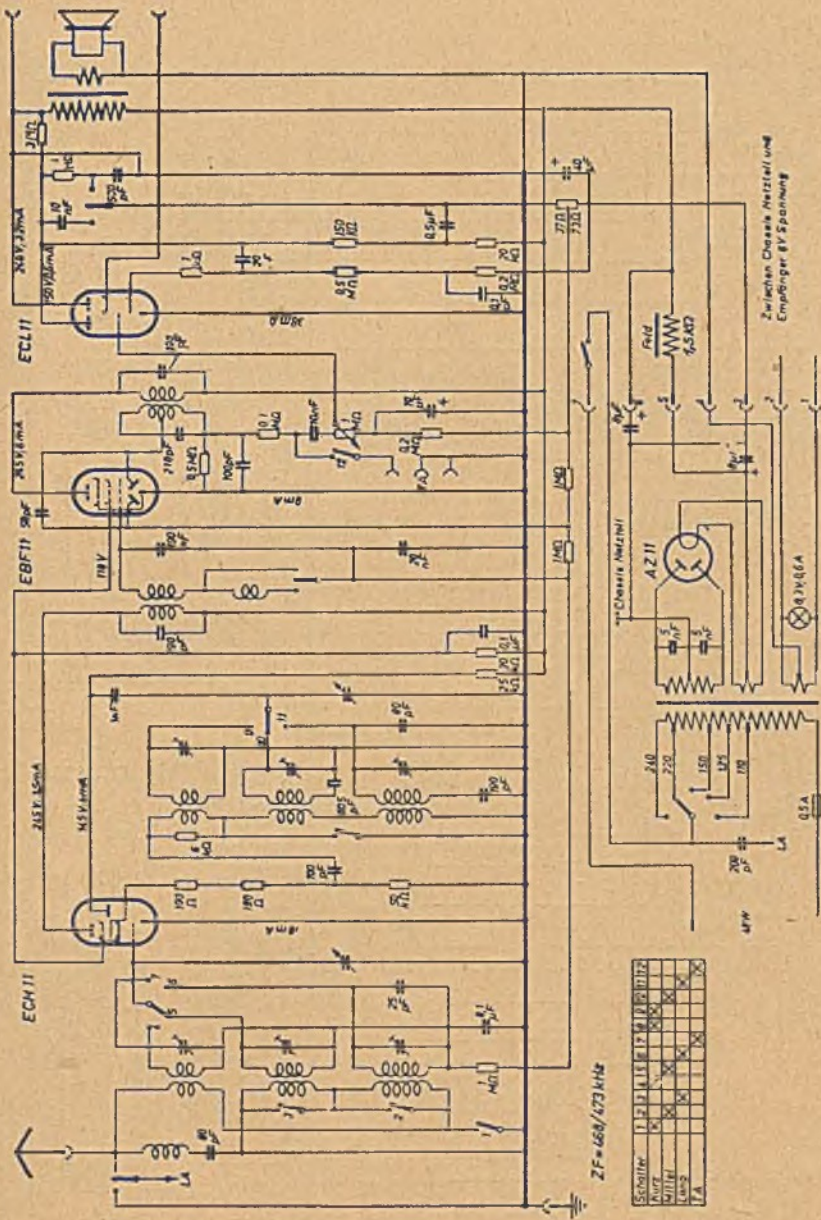


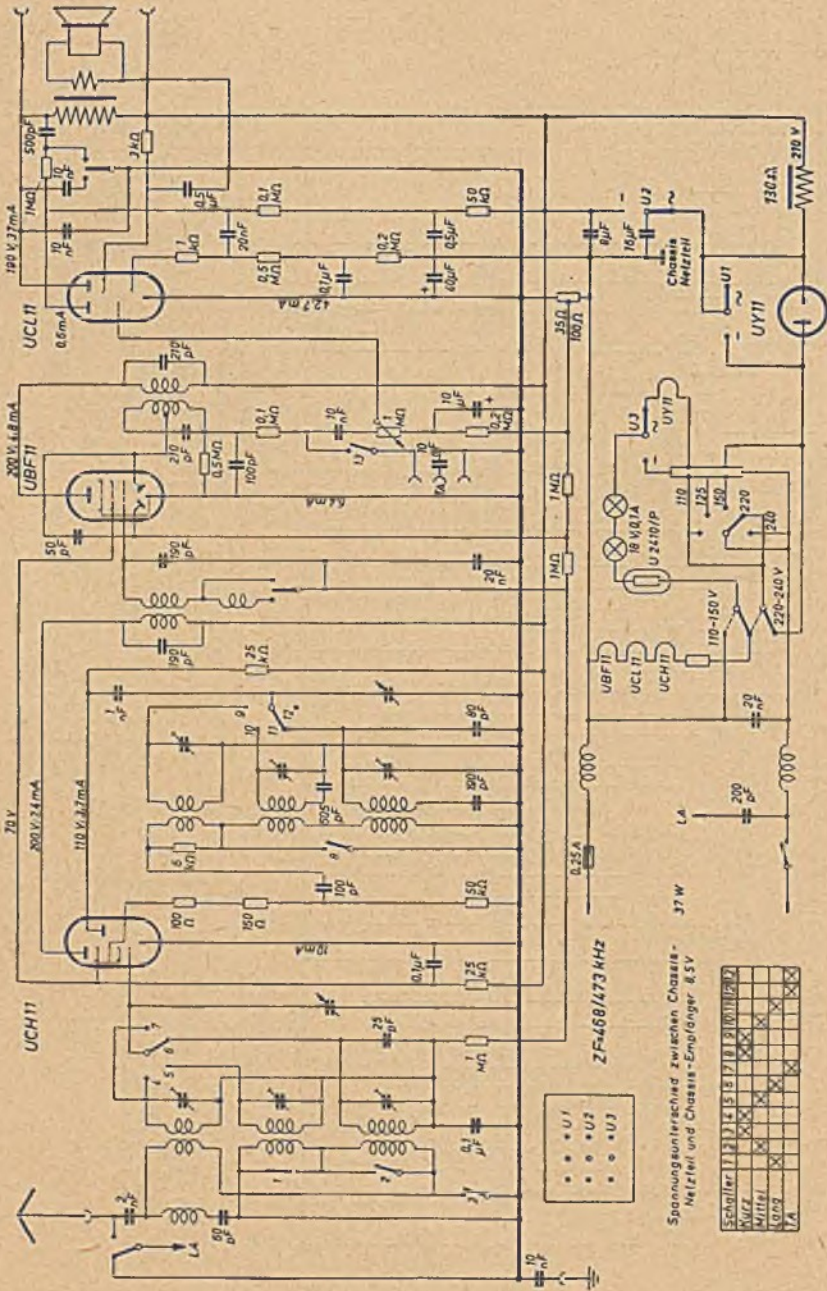
DTW
(Produktion vor 1945)







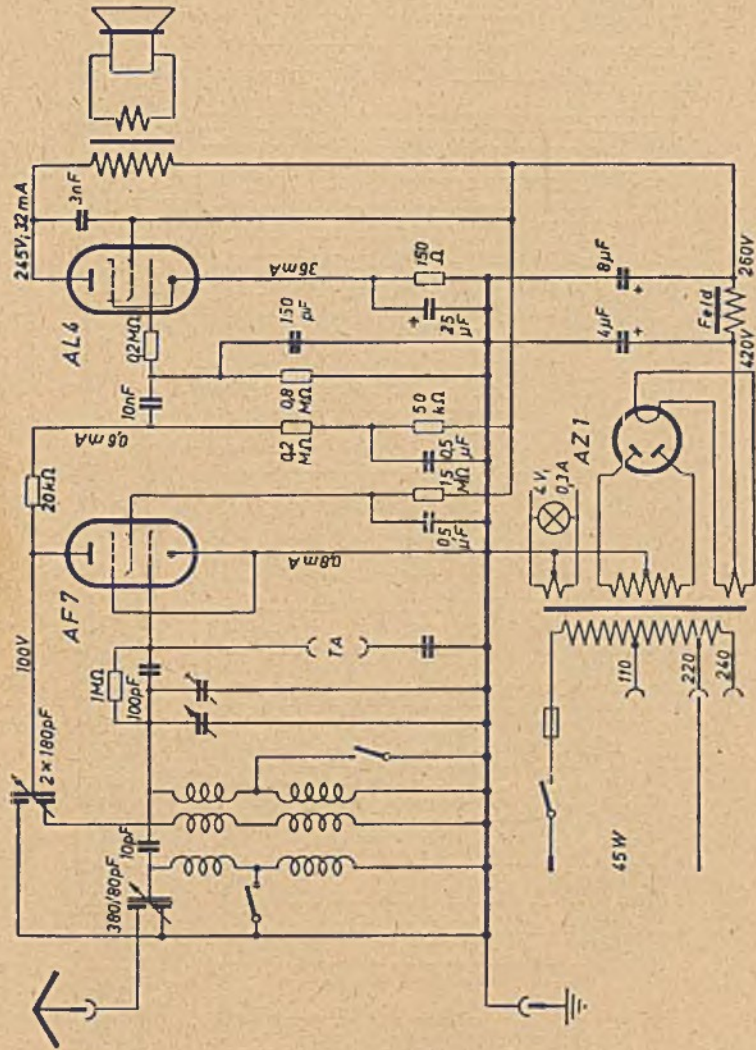


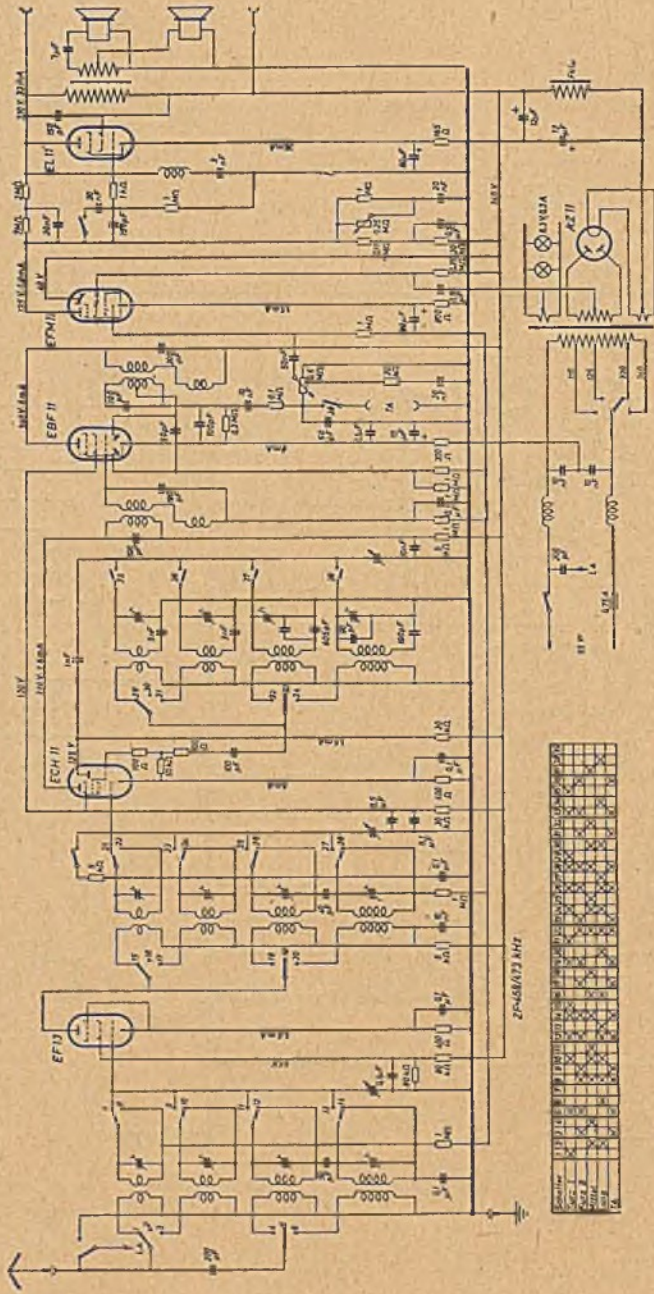


ZF=68/173 KHZ

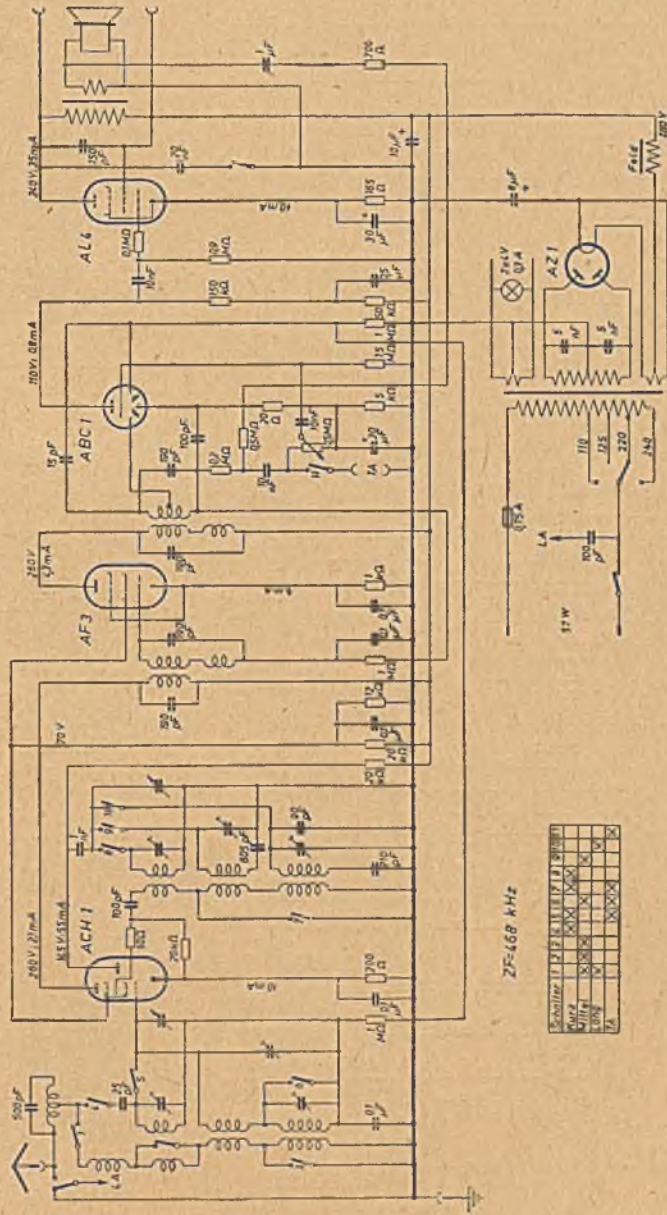
Spannungsunterschied zwischen Chassis-Netzteil und Chassis-Empfänger 8.5V

Schalter	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Netzteil	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Empfänger	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
L.A.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X



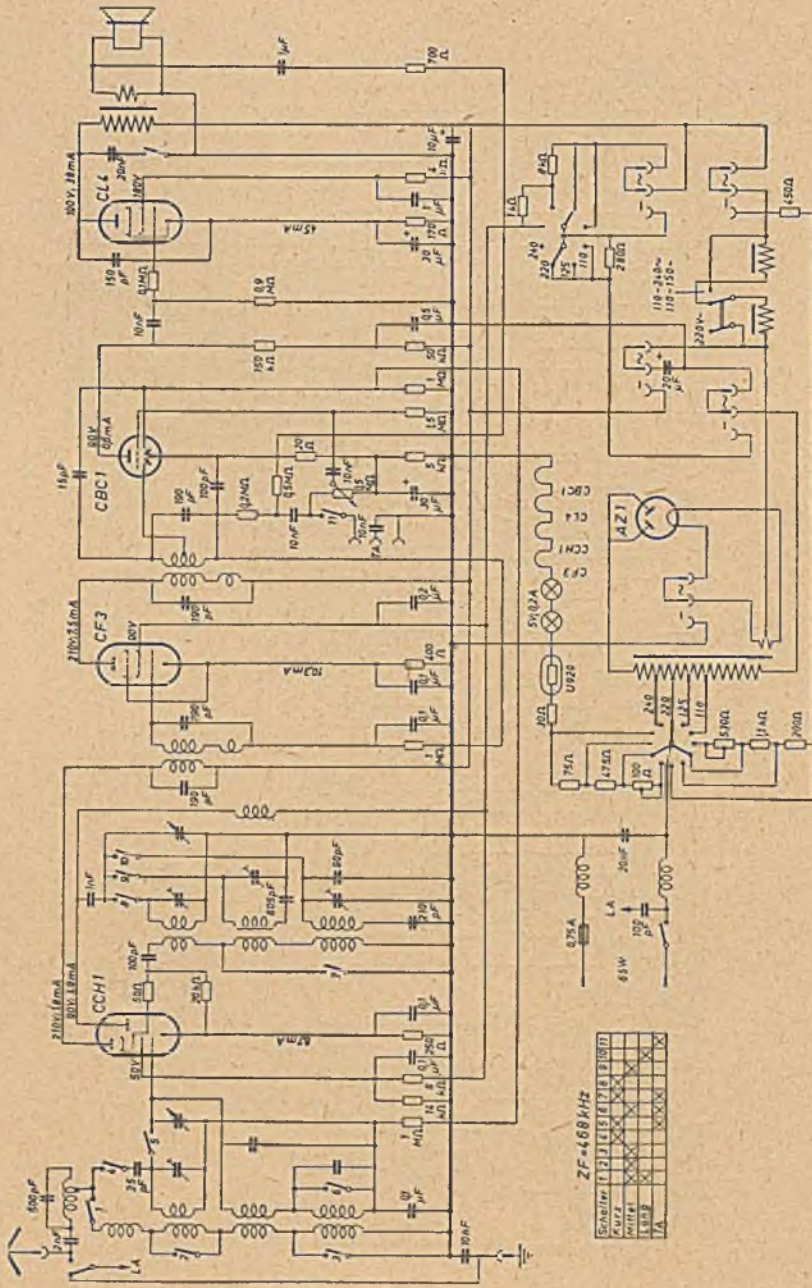


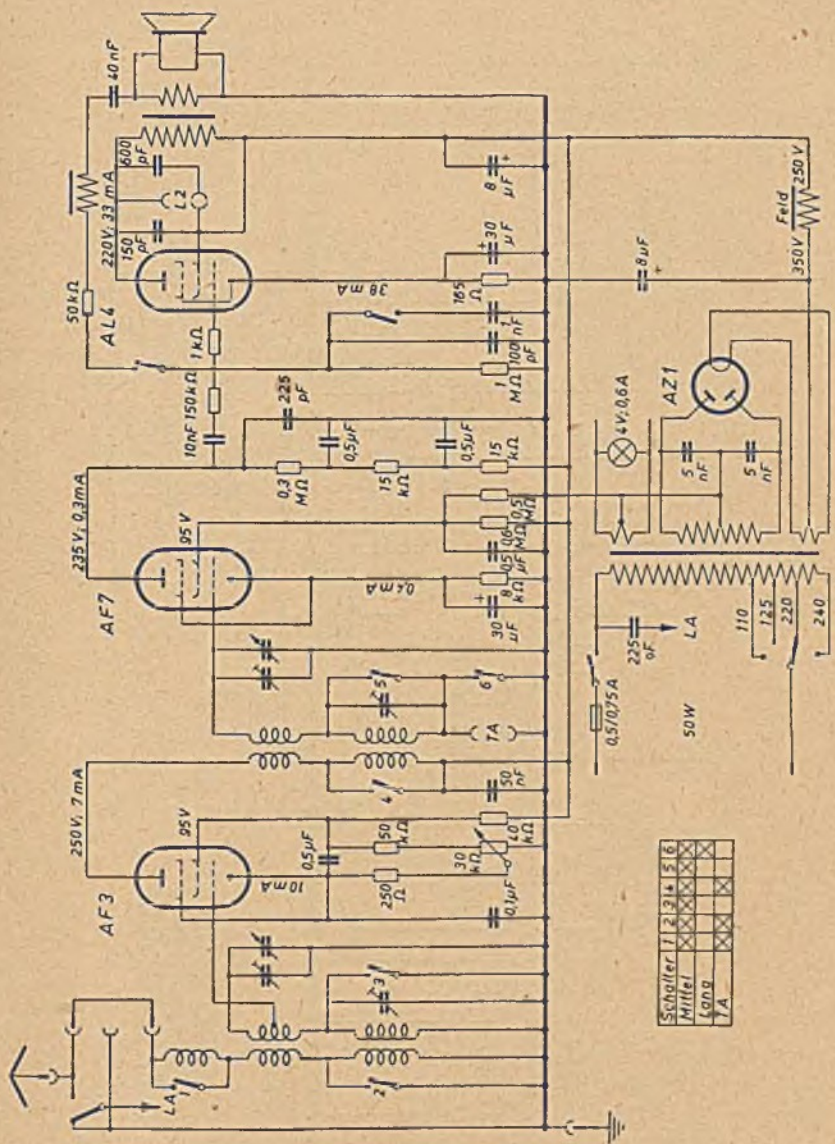
Component	Value
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2	100K
3	100K
4	100K
5	100K
6	100K
7	100K
8	100K
9	100K
10	100K
11	100K
12	100K
13	100K
14	100K
15	100K
16	100K
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100	100K



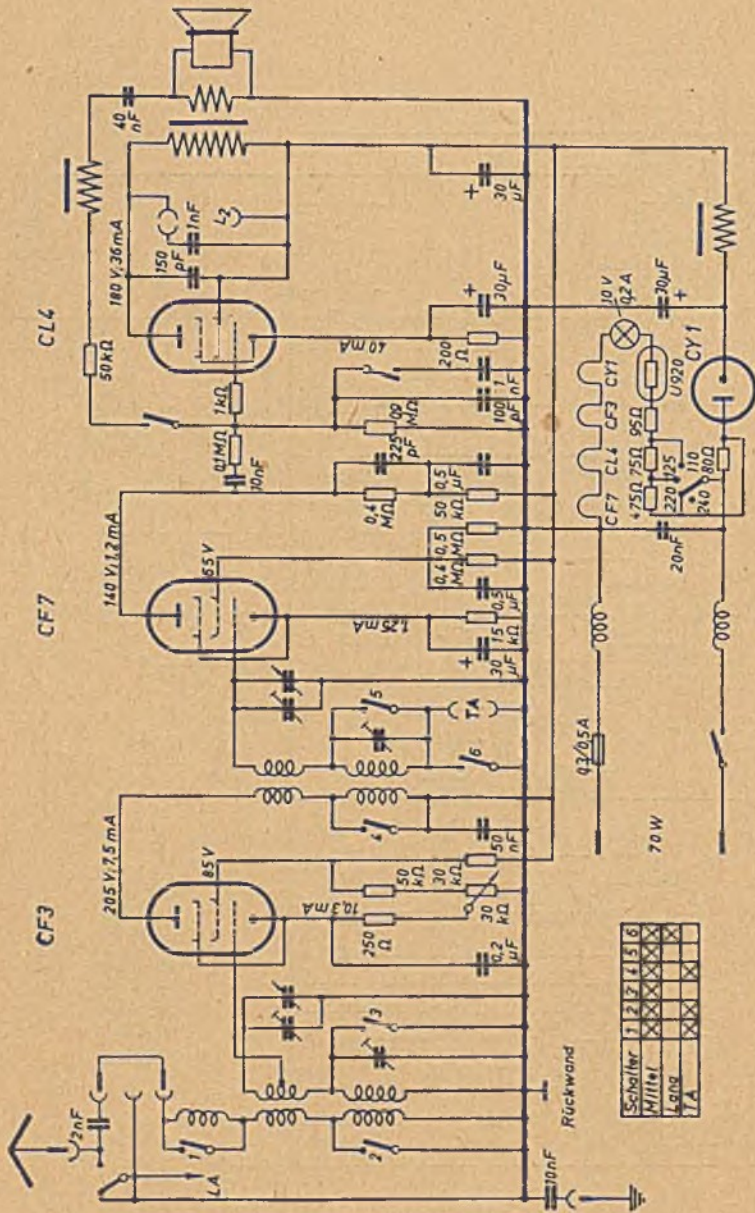
ZF=468 kHz

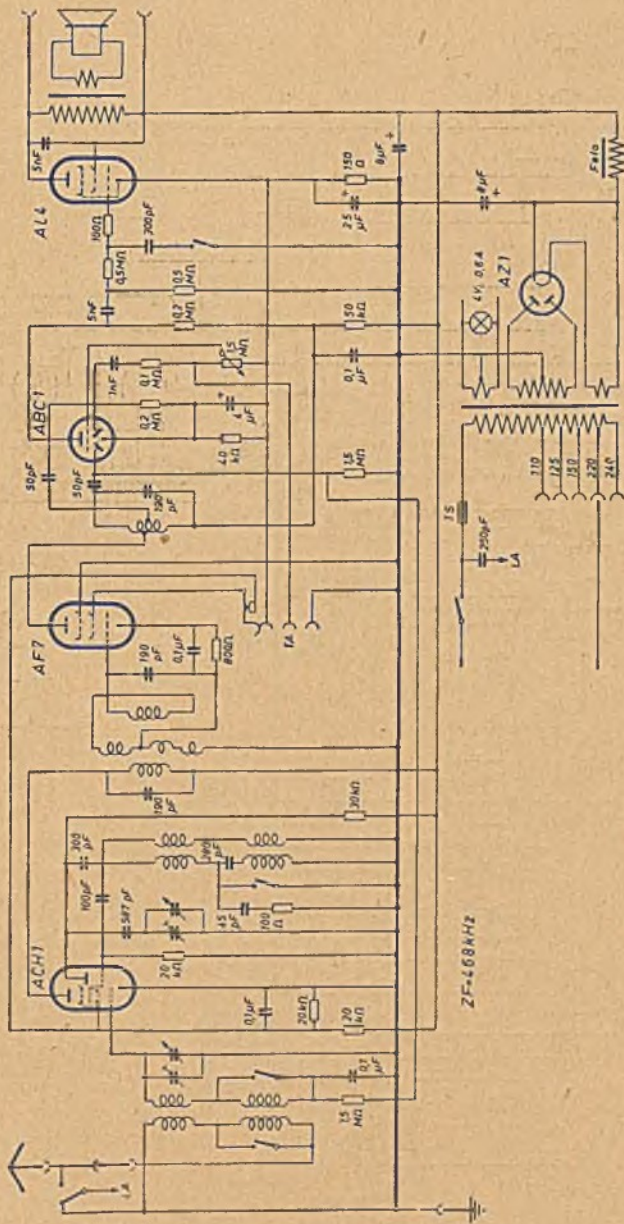
Scale	1	2	3	4	5	6	7	8	9	10
Scale	1	2	3	4	5	6	7	8	9	10
Value	1	2	3	4	5	6	7	8	9	10
Unit	1	2	3	4	5	6	7	8	9	10

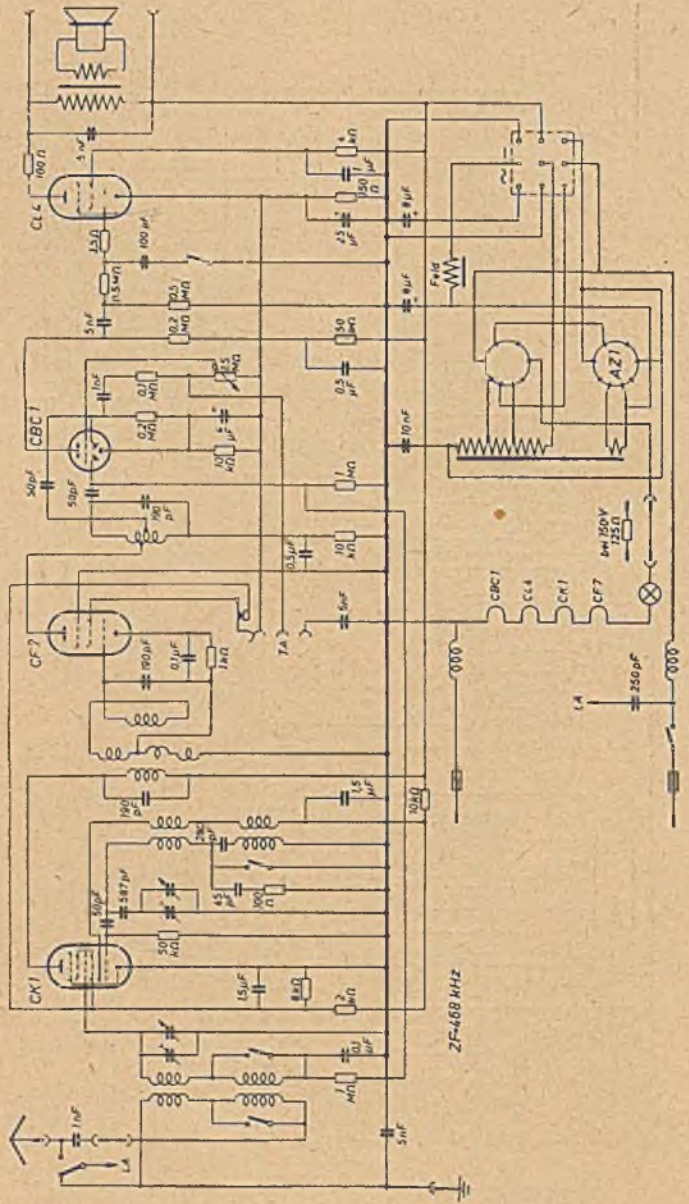


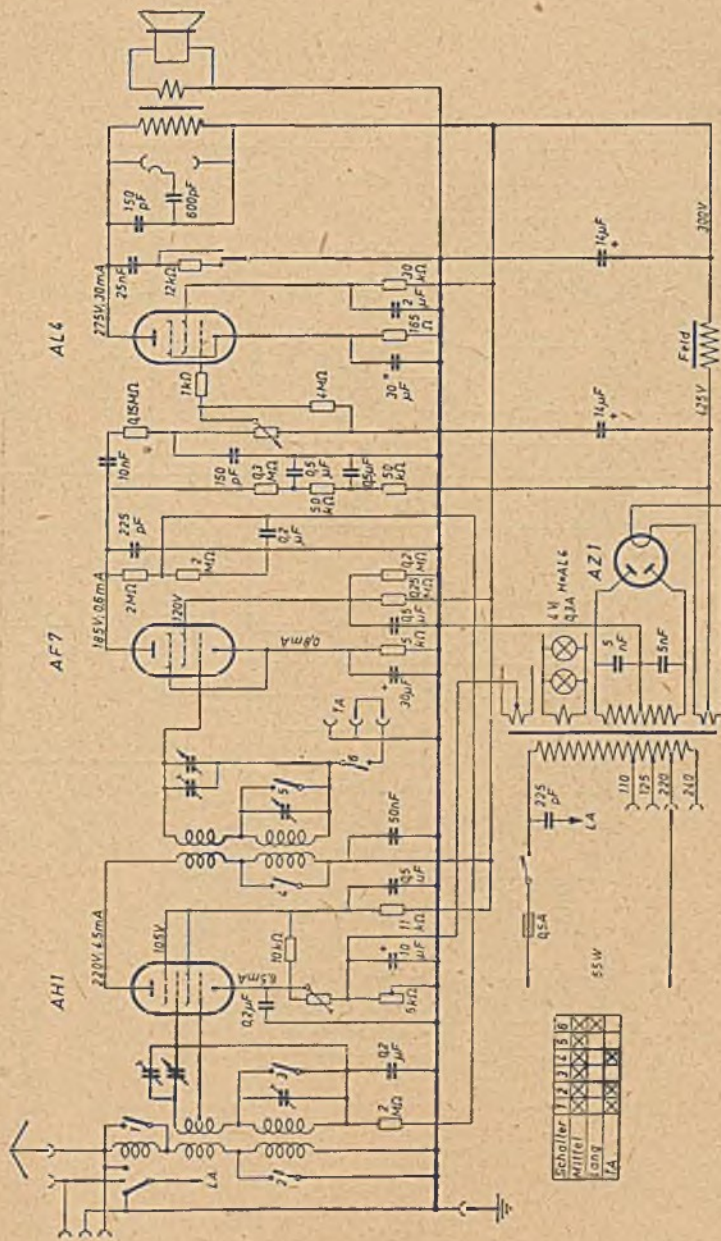


Schaller	1	2	3	1	3	1	6
Mittel							
Land							
YA							

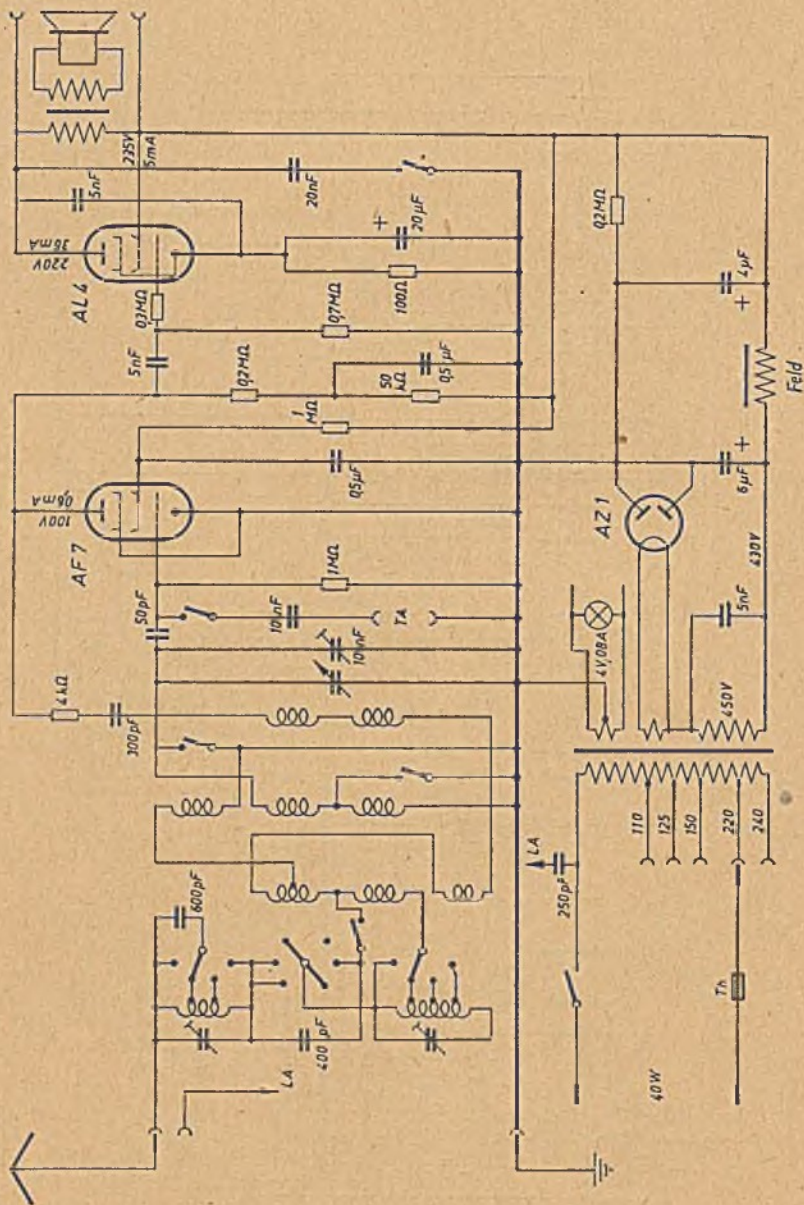


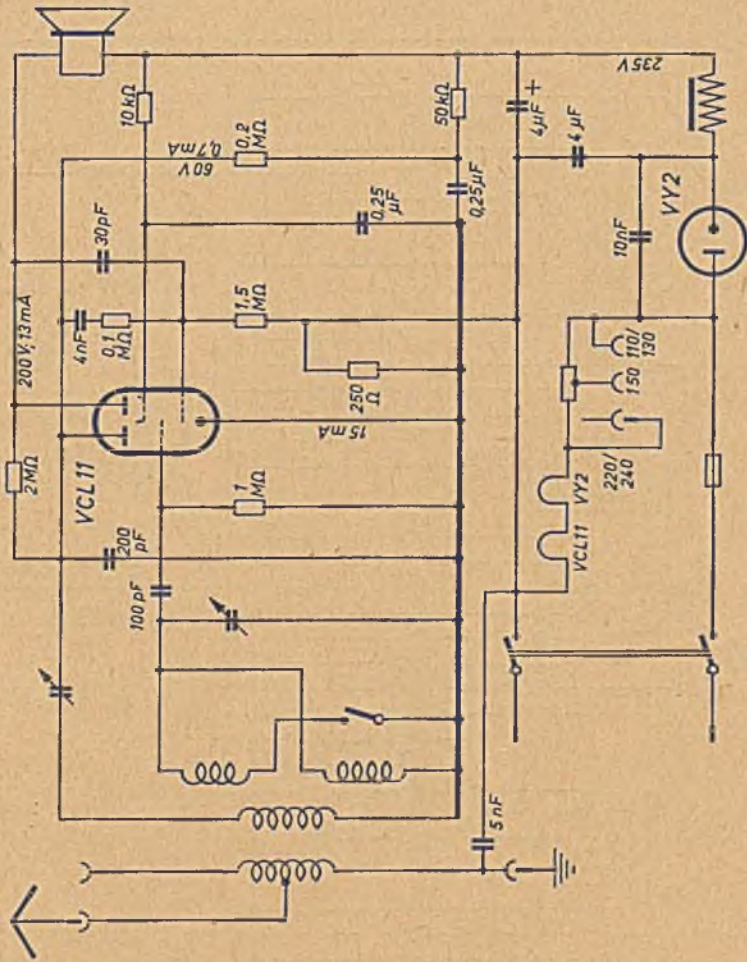


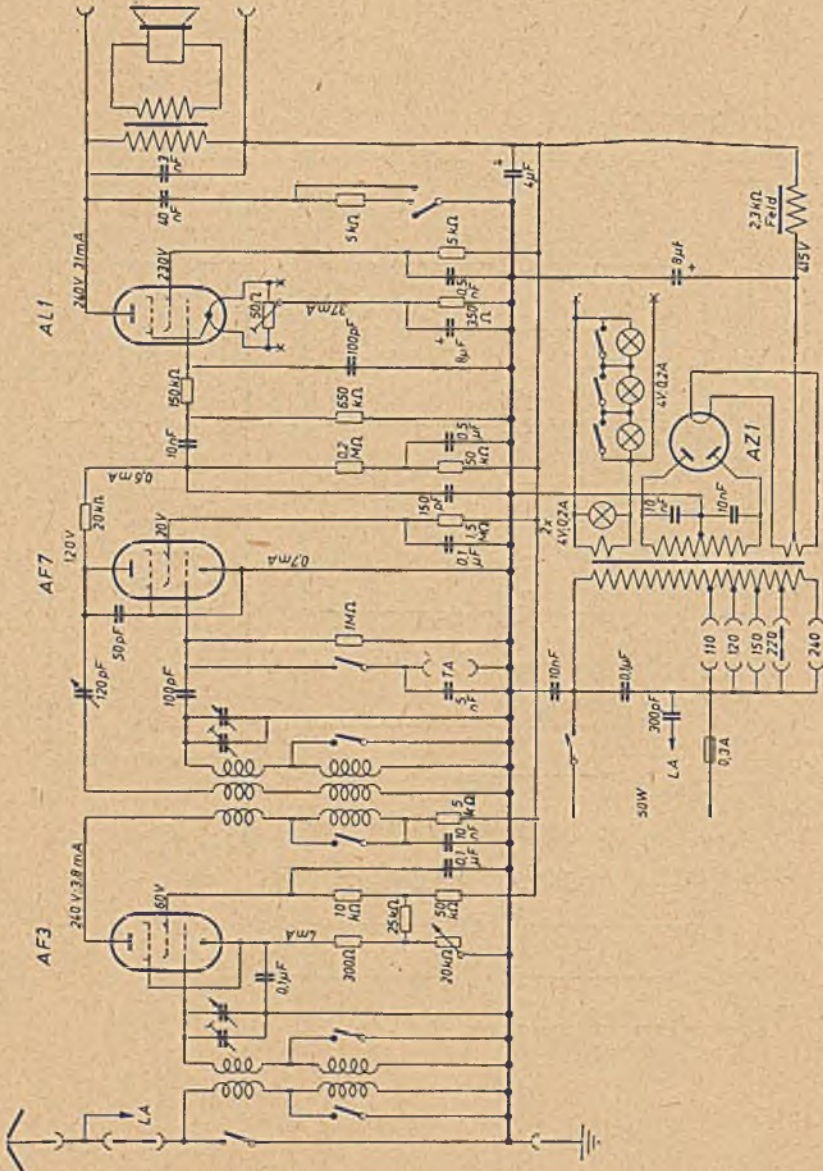


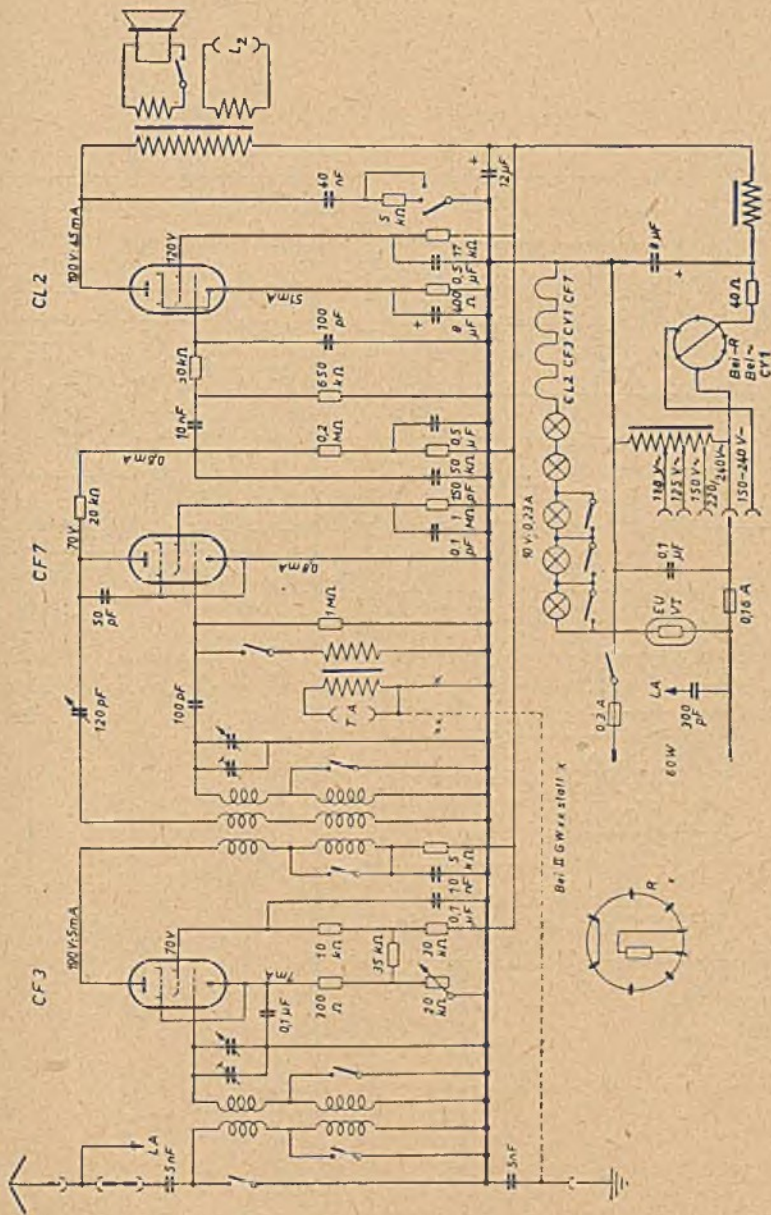


Schalter	1	2	3	4	5	6
Mitte	X	X	X	X	X	X
Lang	X	X	X	X	X	X
LA	X	X	X	X	X	X



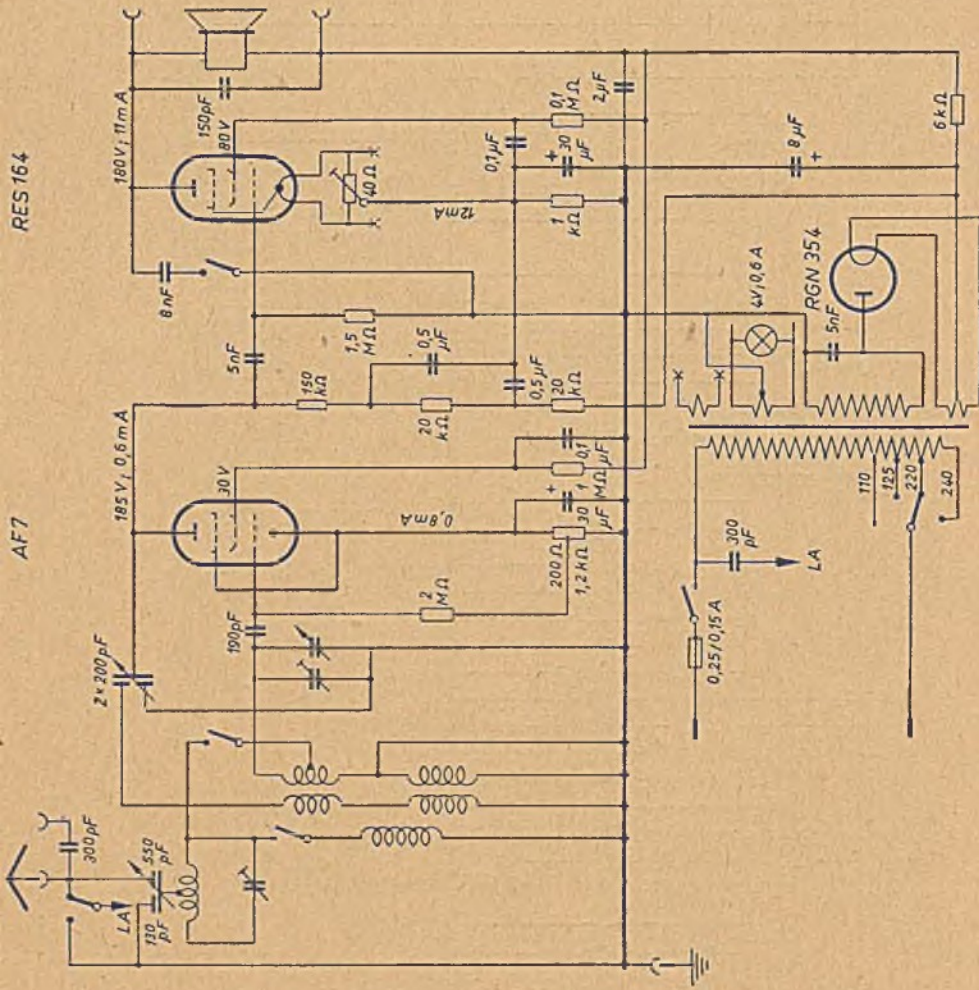


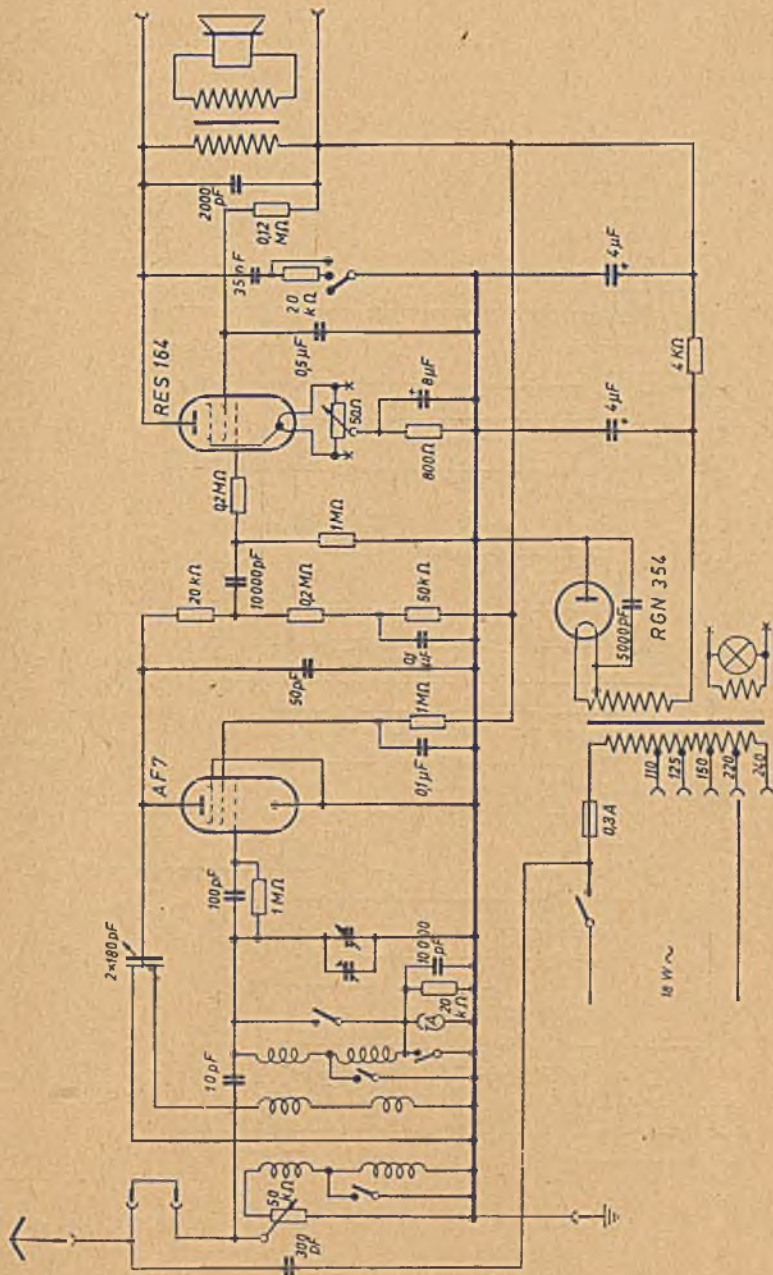


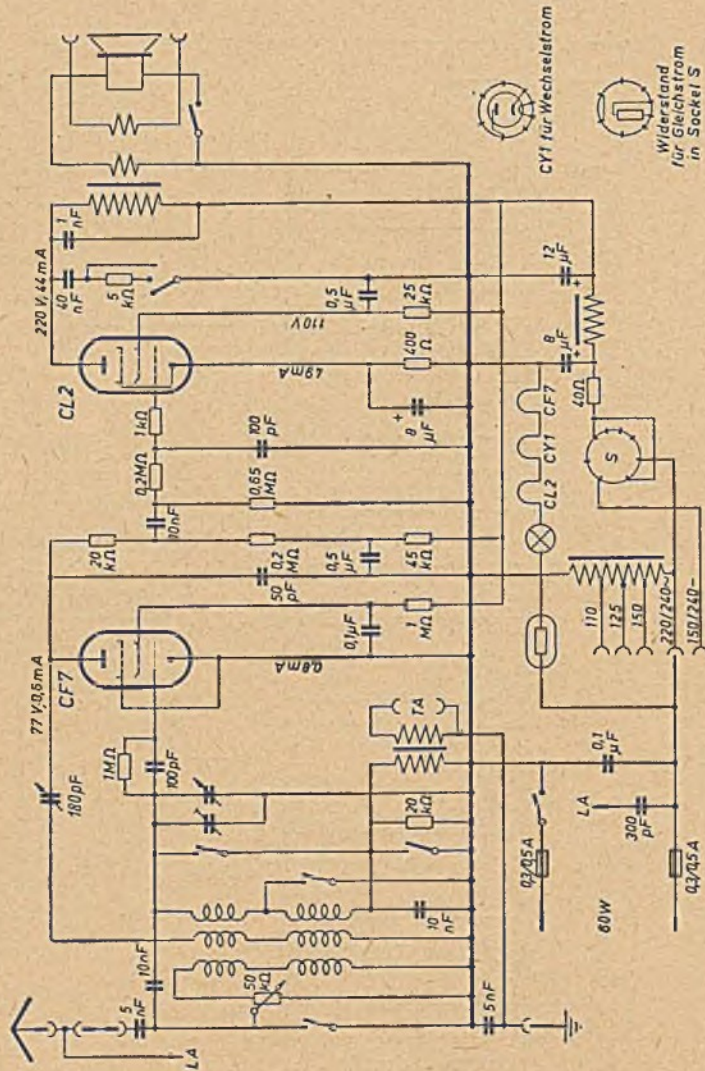


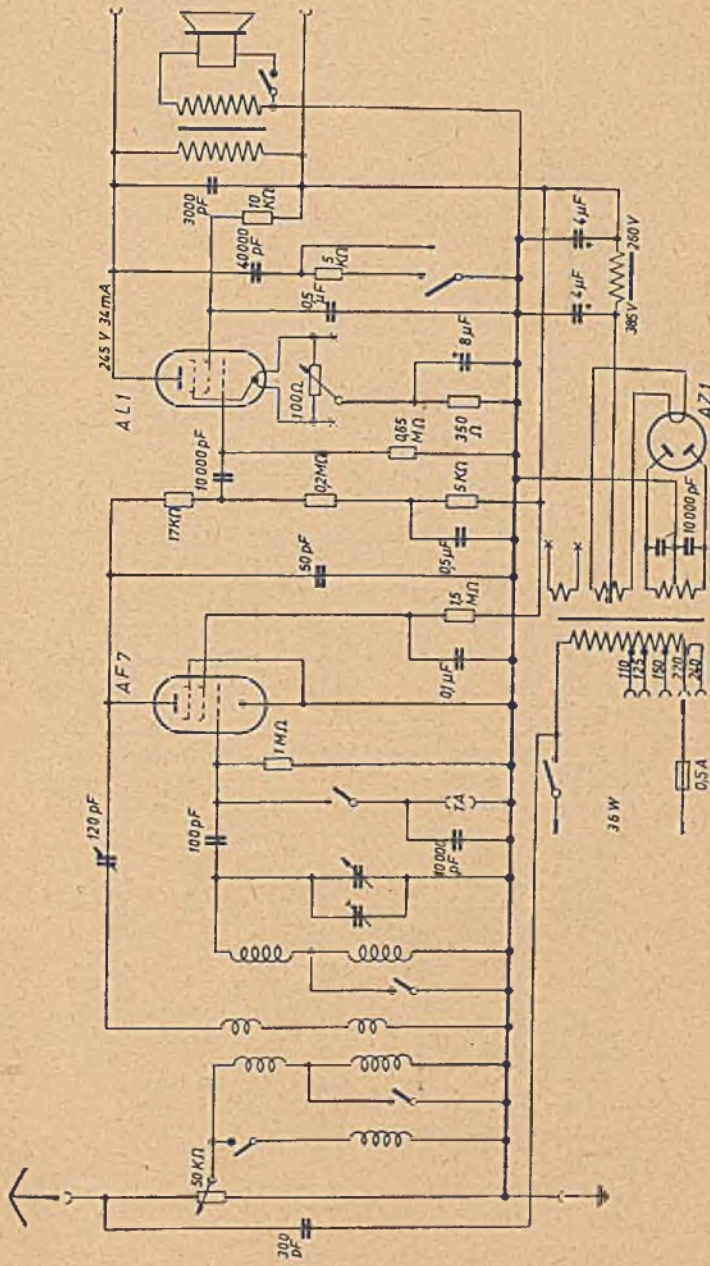
RES 164

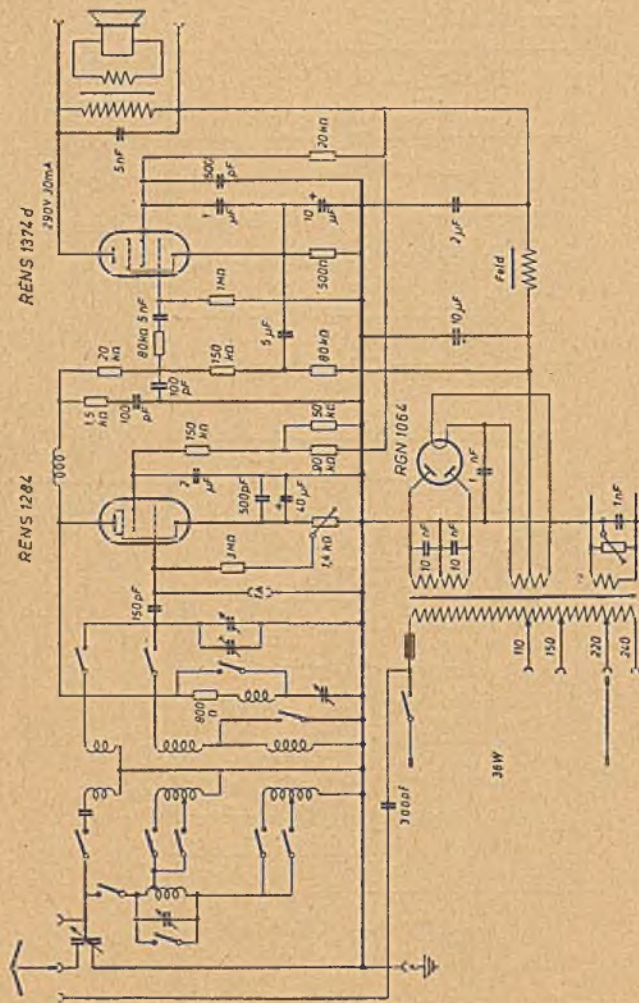
AF 7

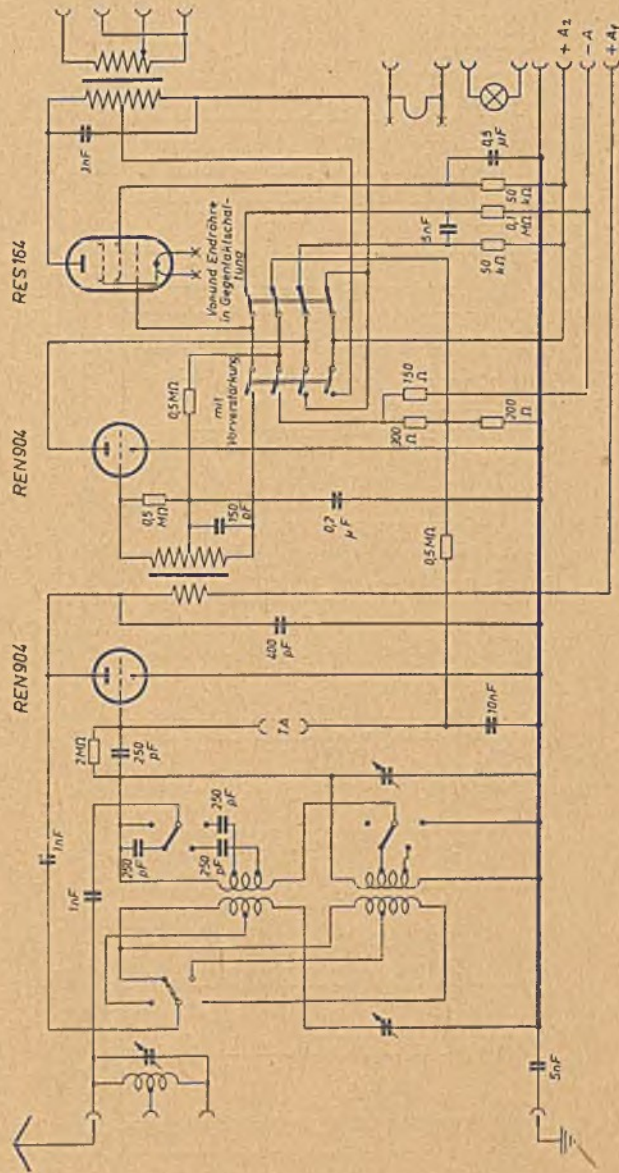


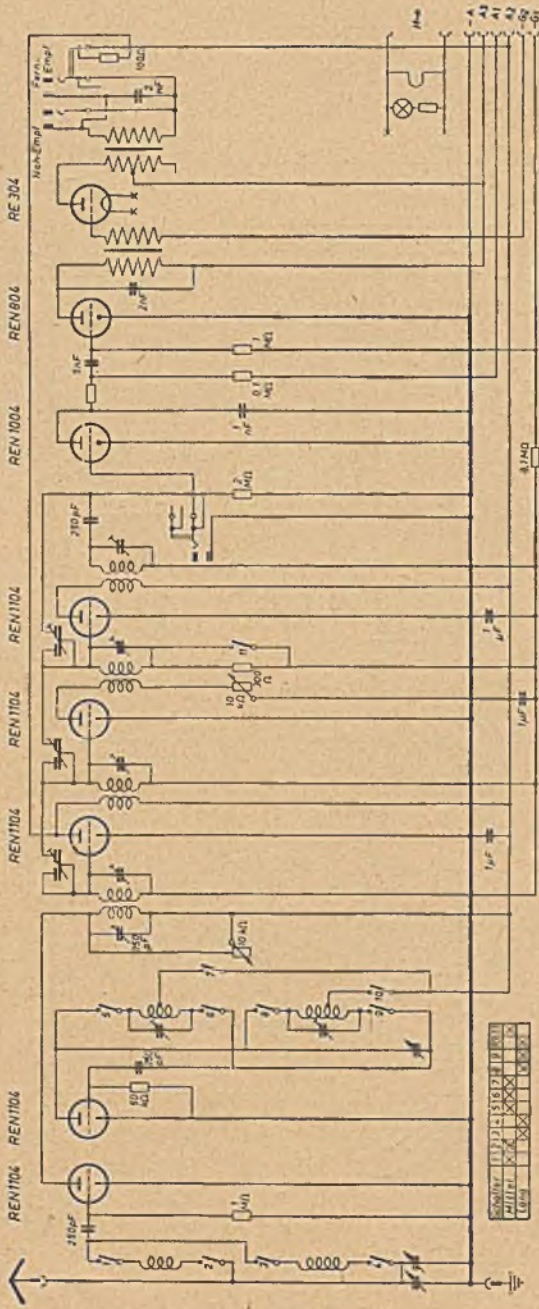






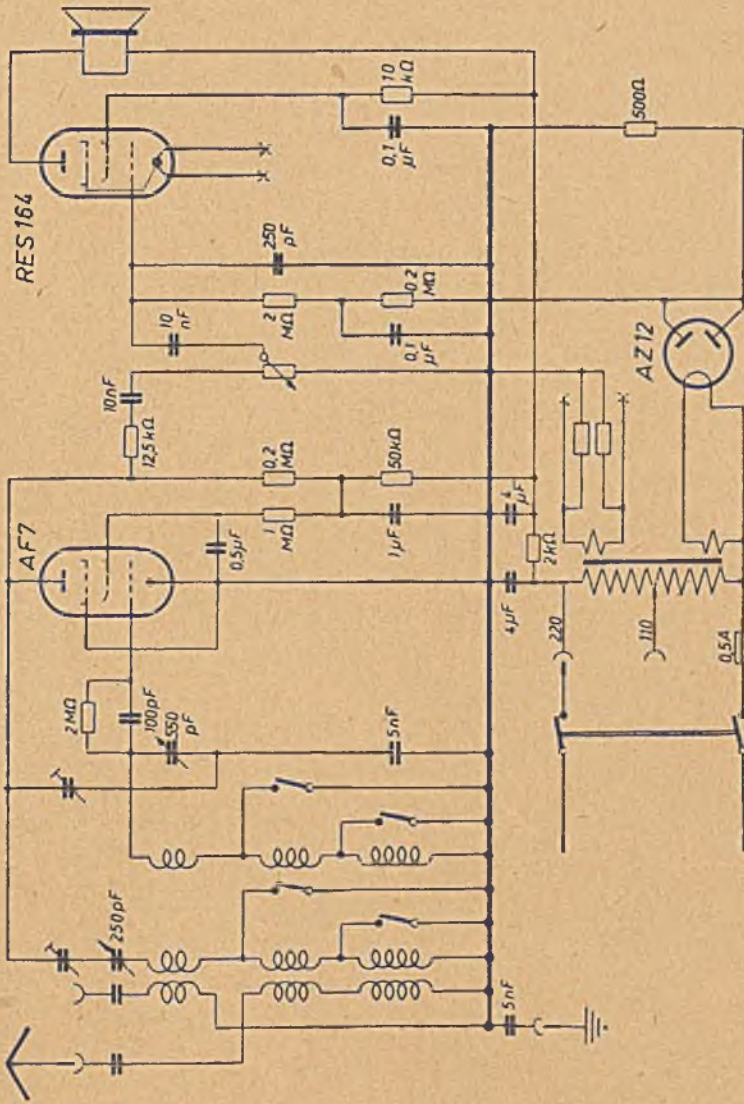






ELBEG

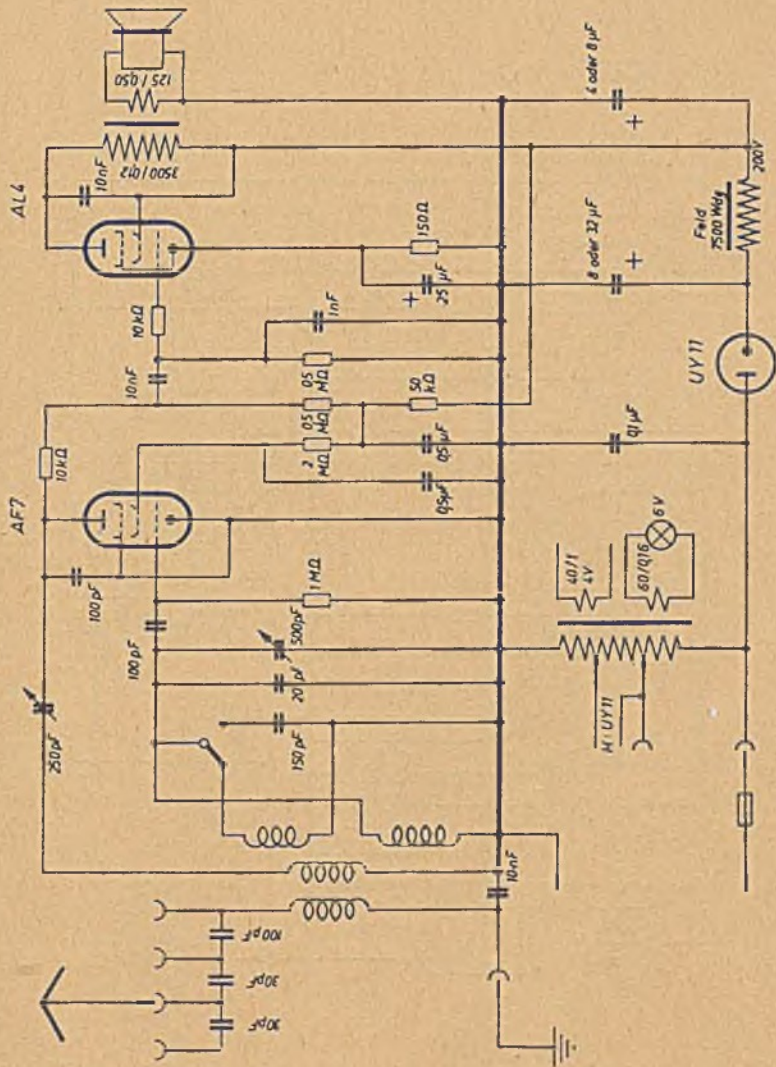


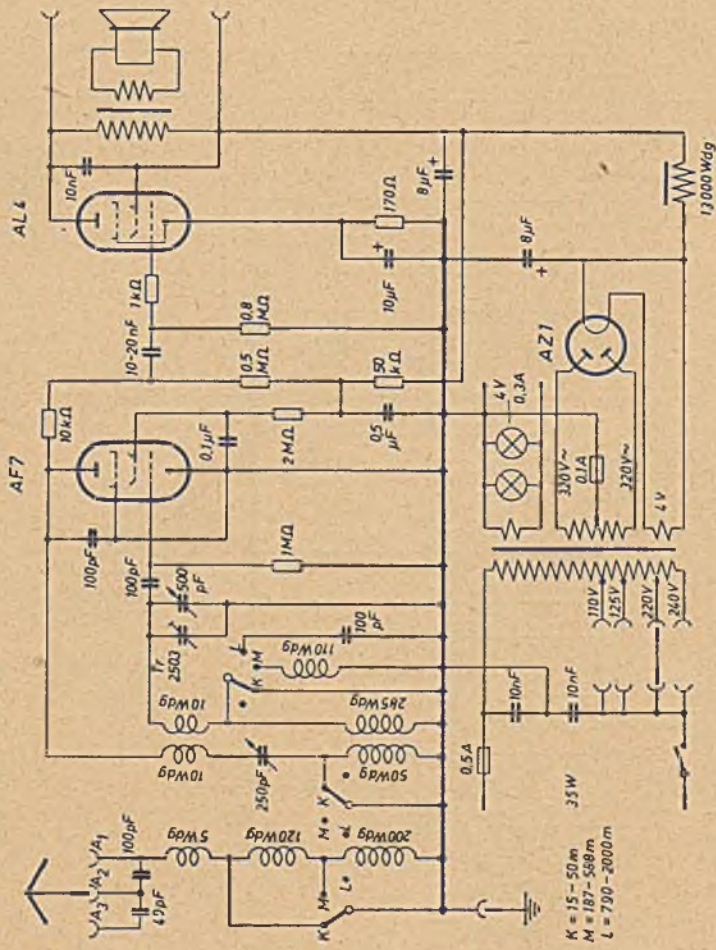


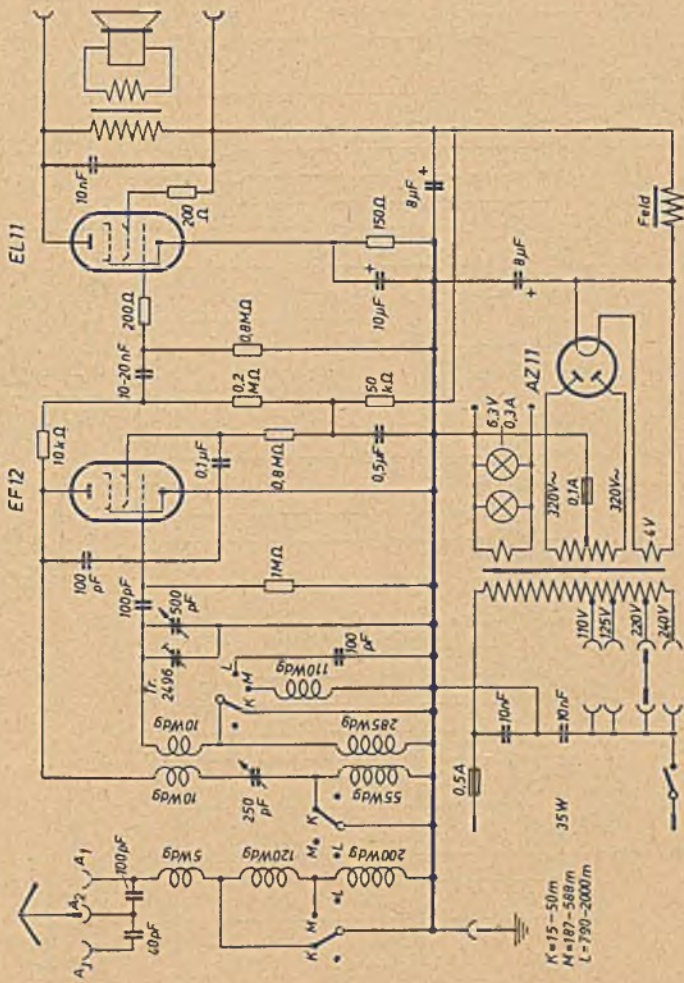


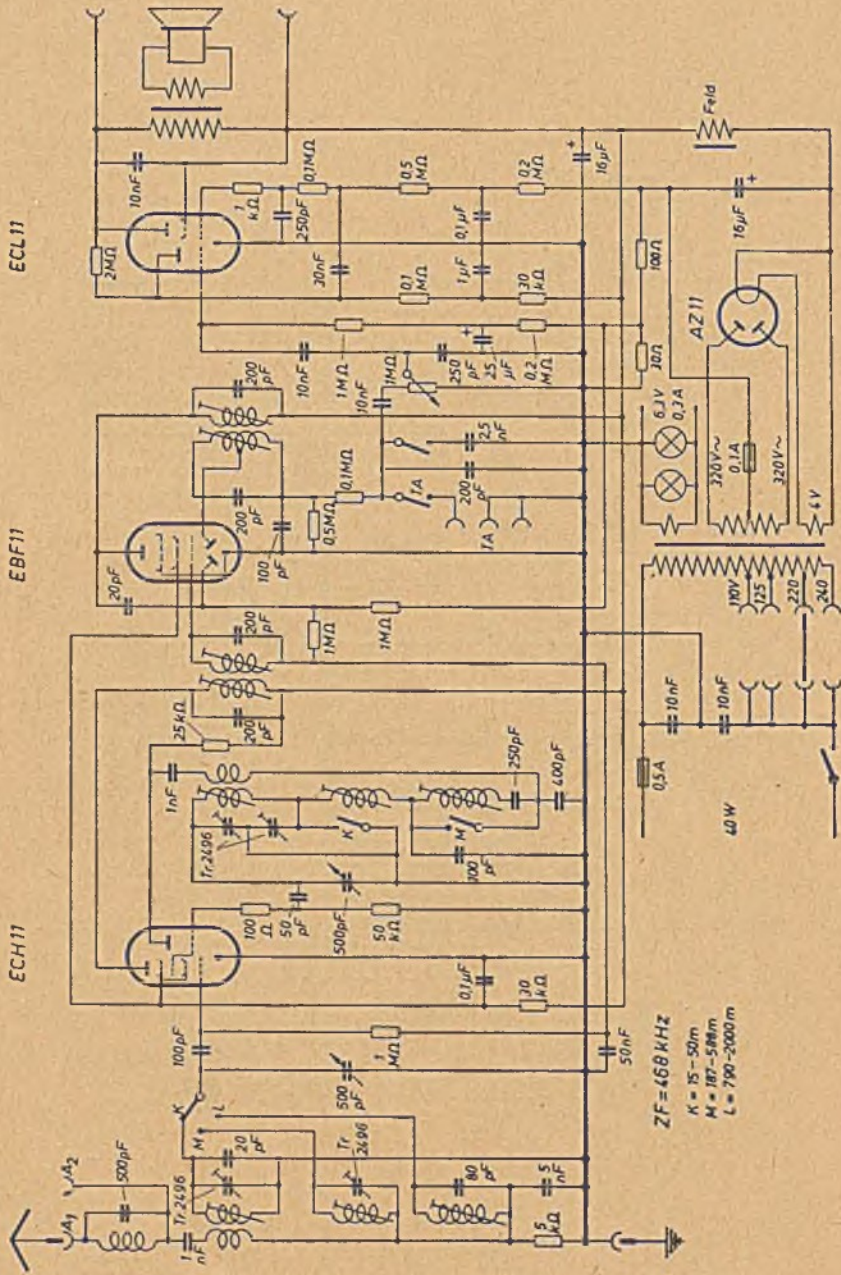
ELBIA





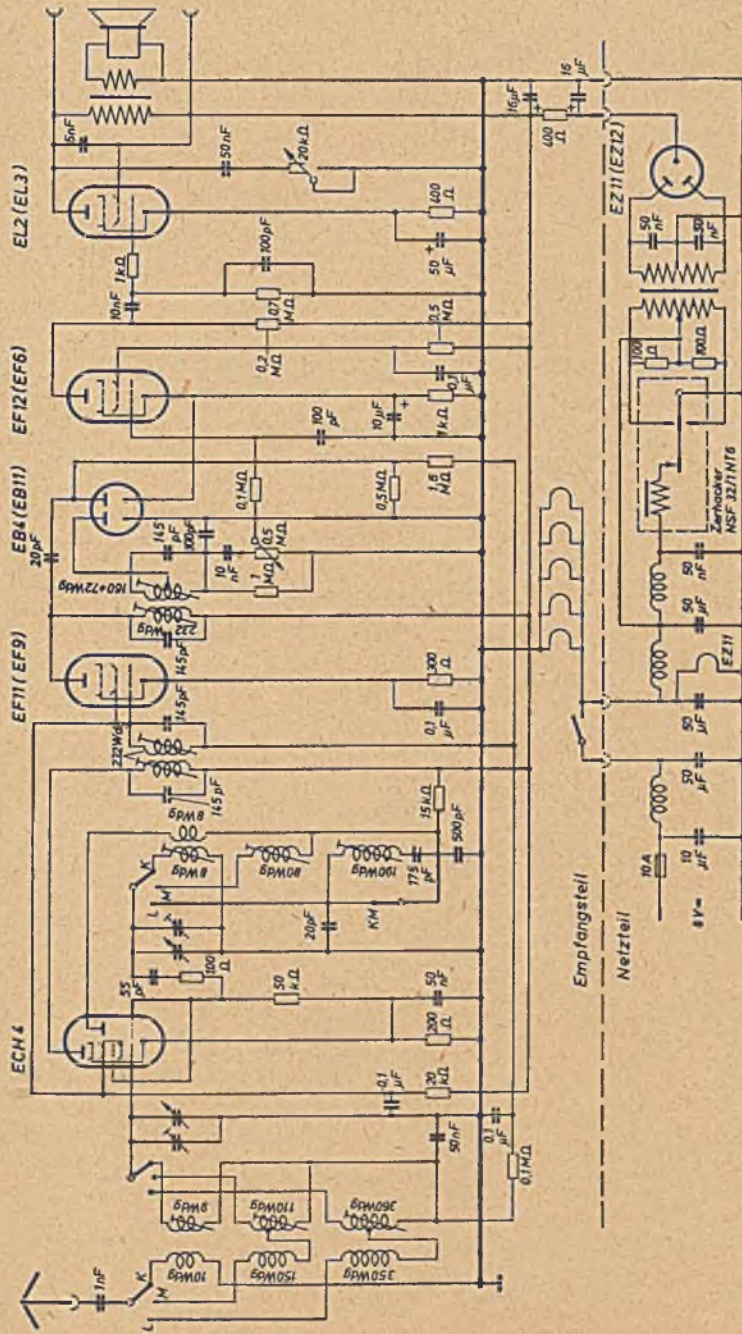


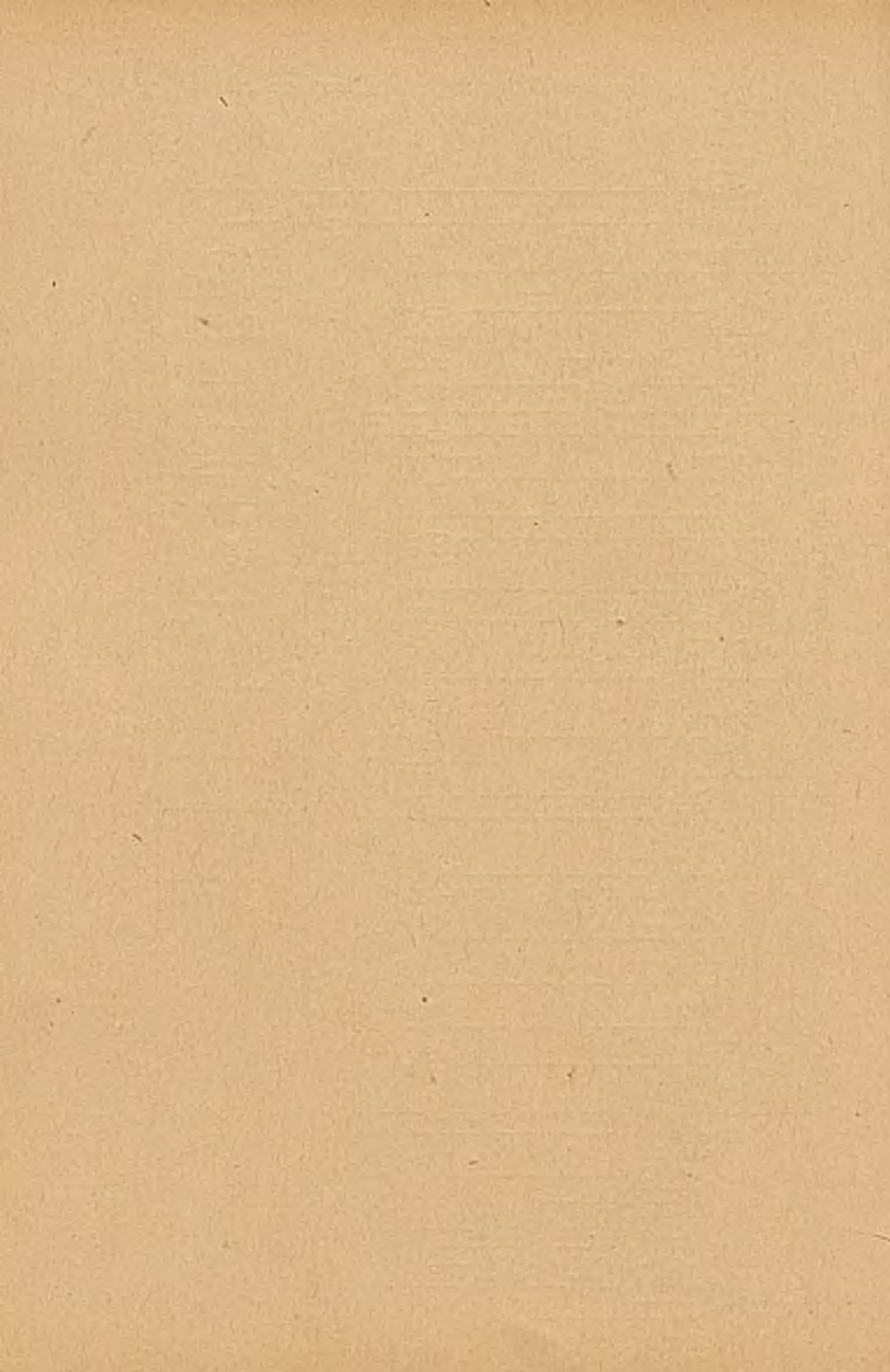




ELCOPHON

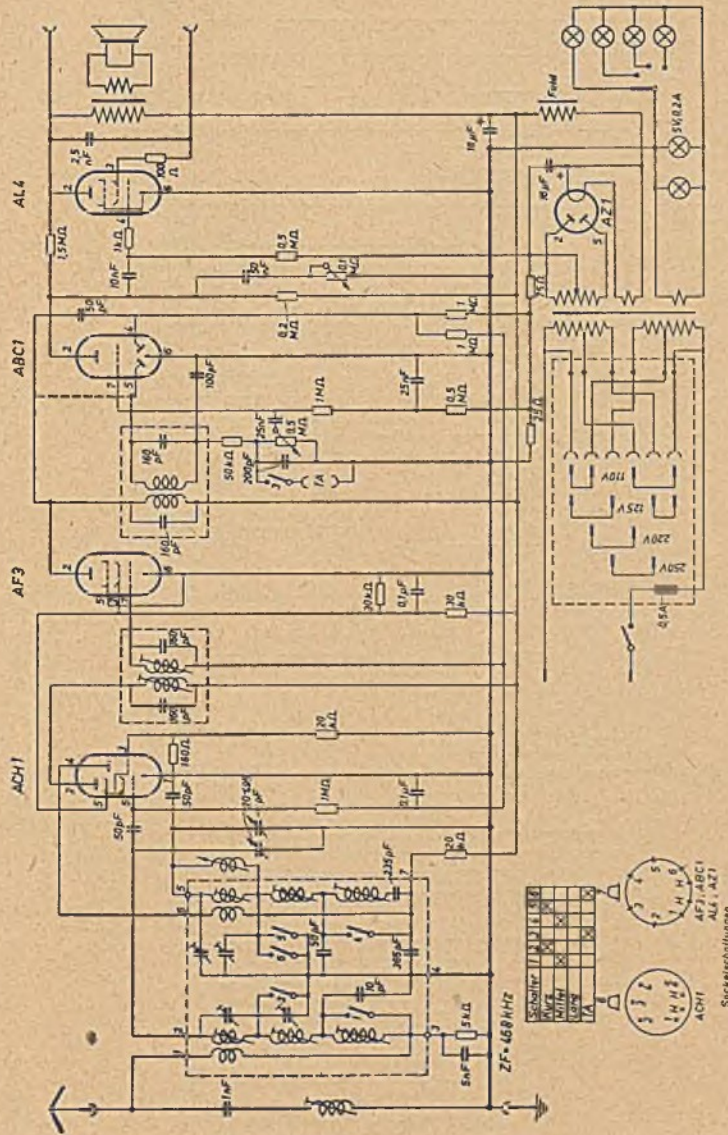


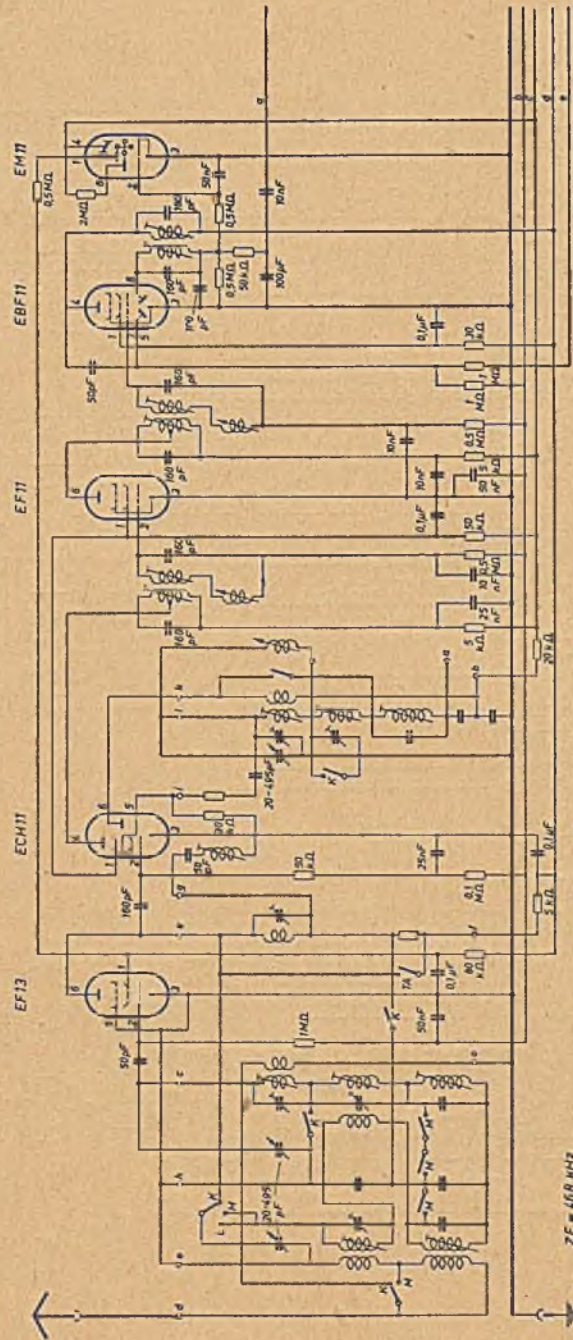




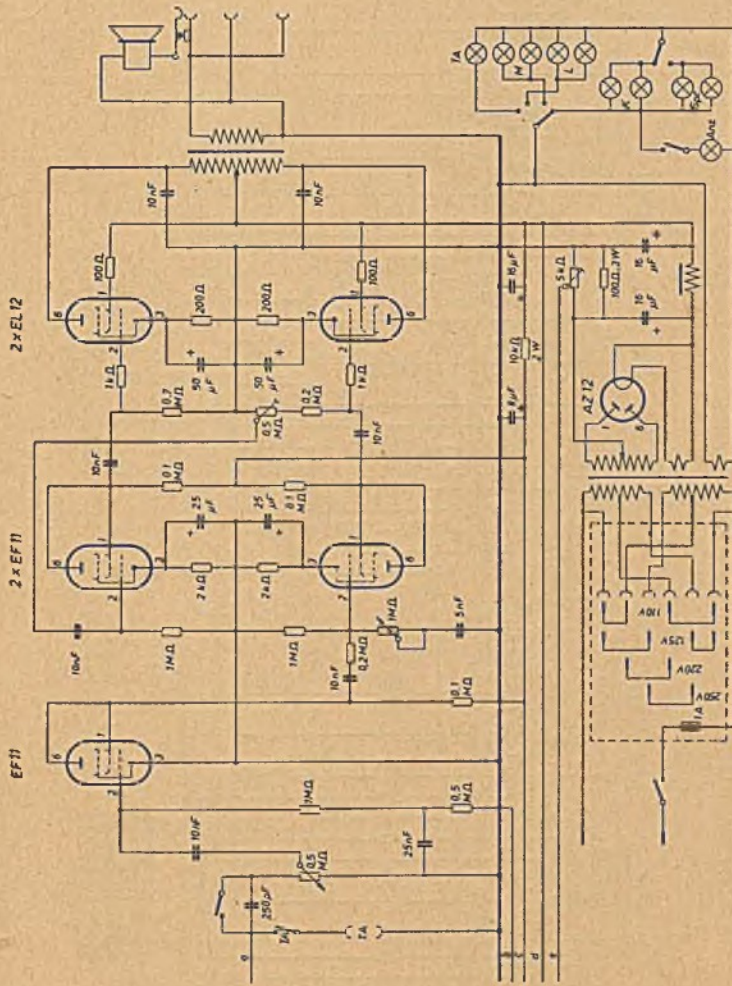
ELEKTRO-APPARATE-FABRIK
KÖPPELSDORF

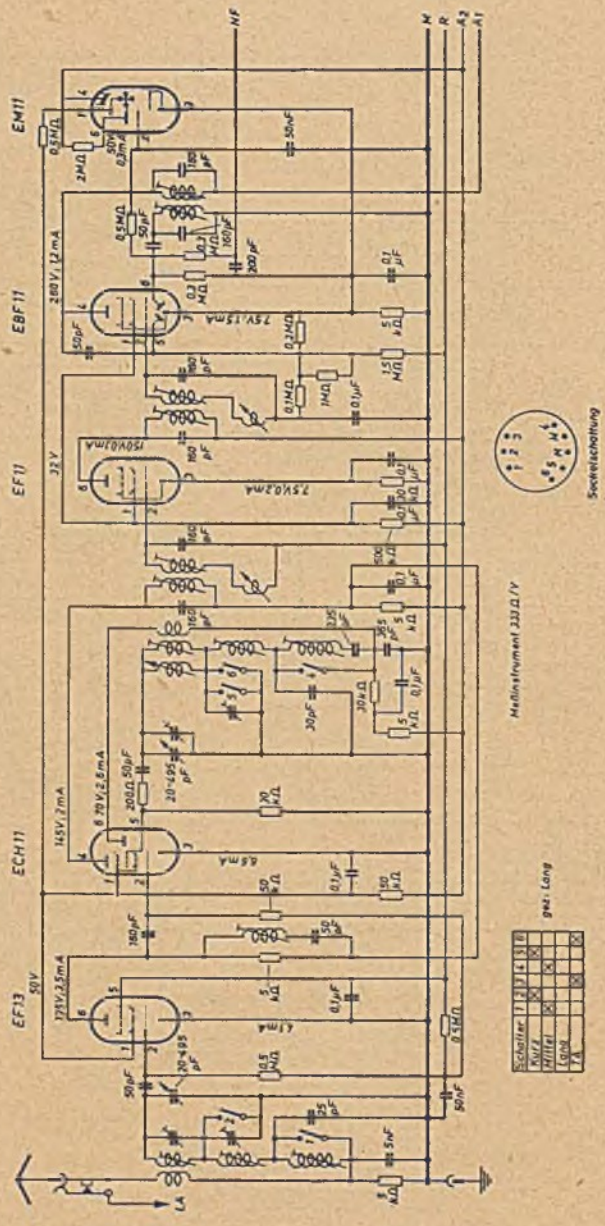


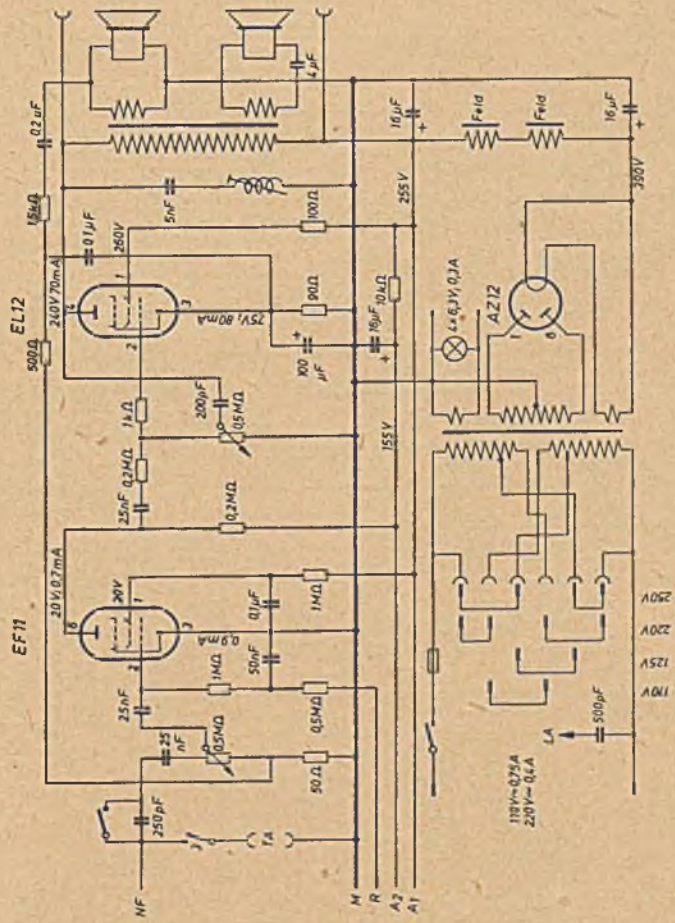


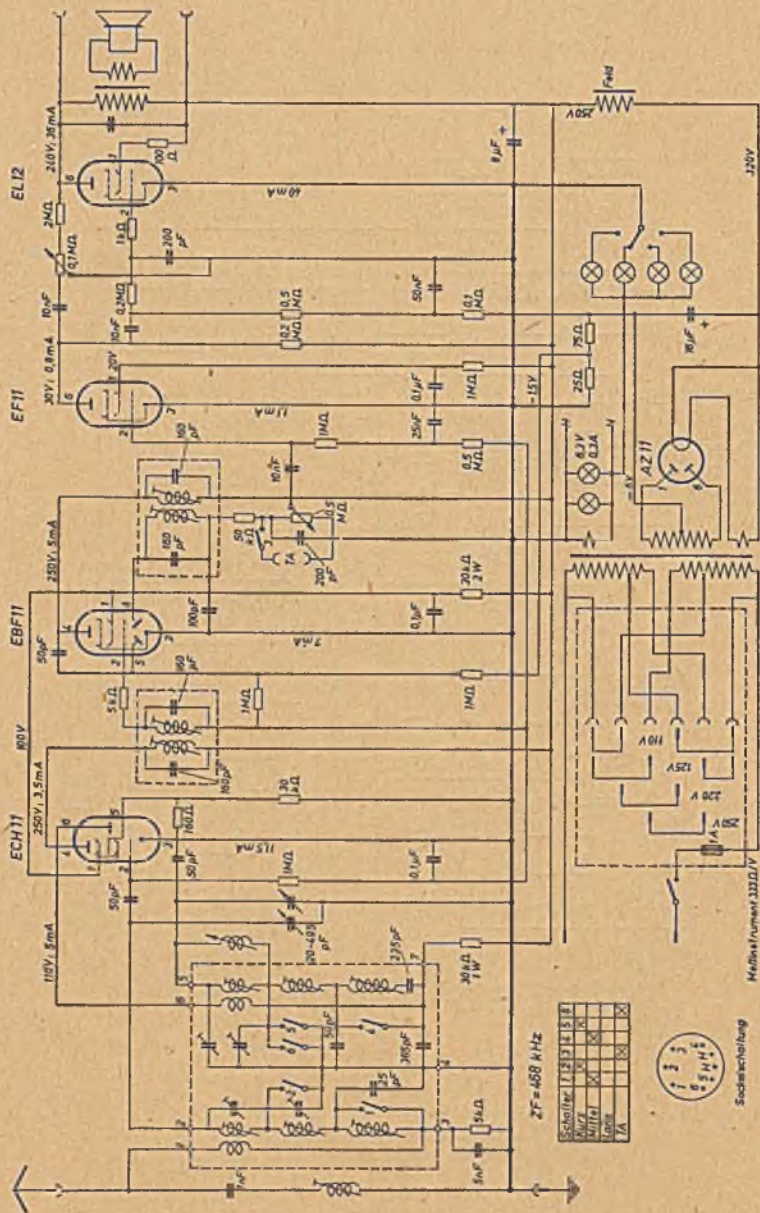


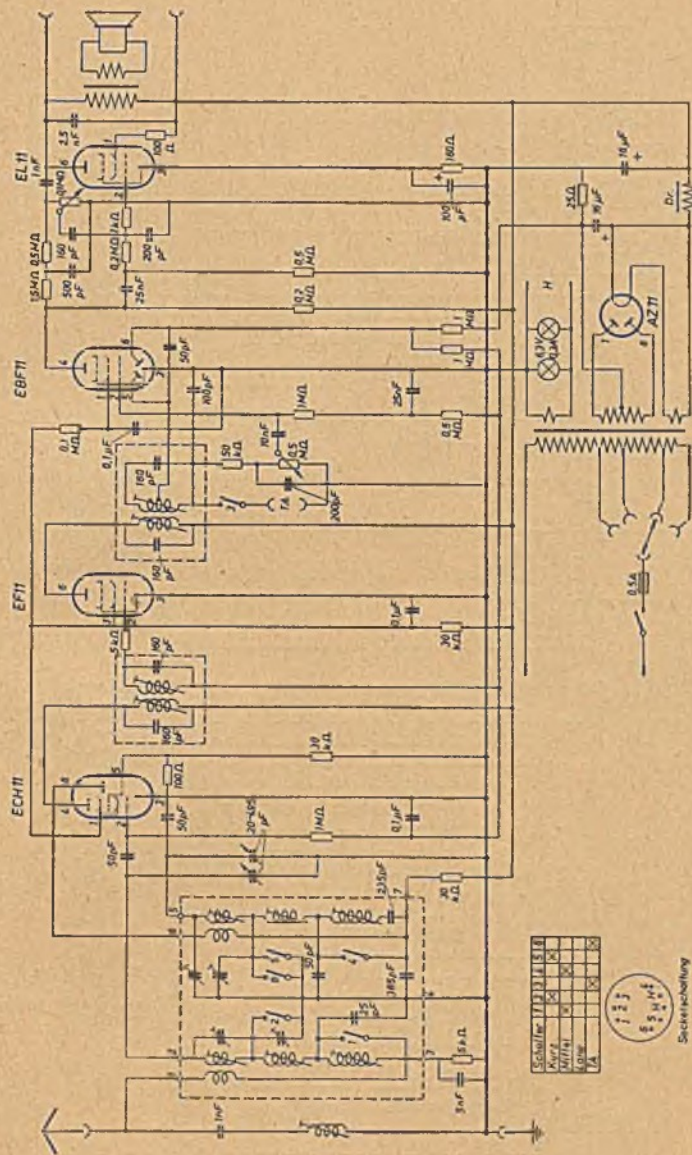
133
65 MHz
Sockelanschaltung

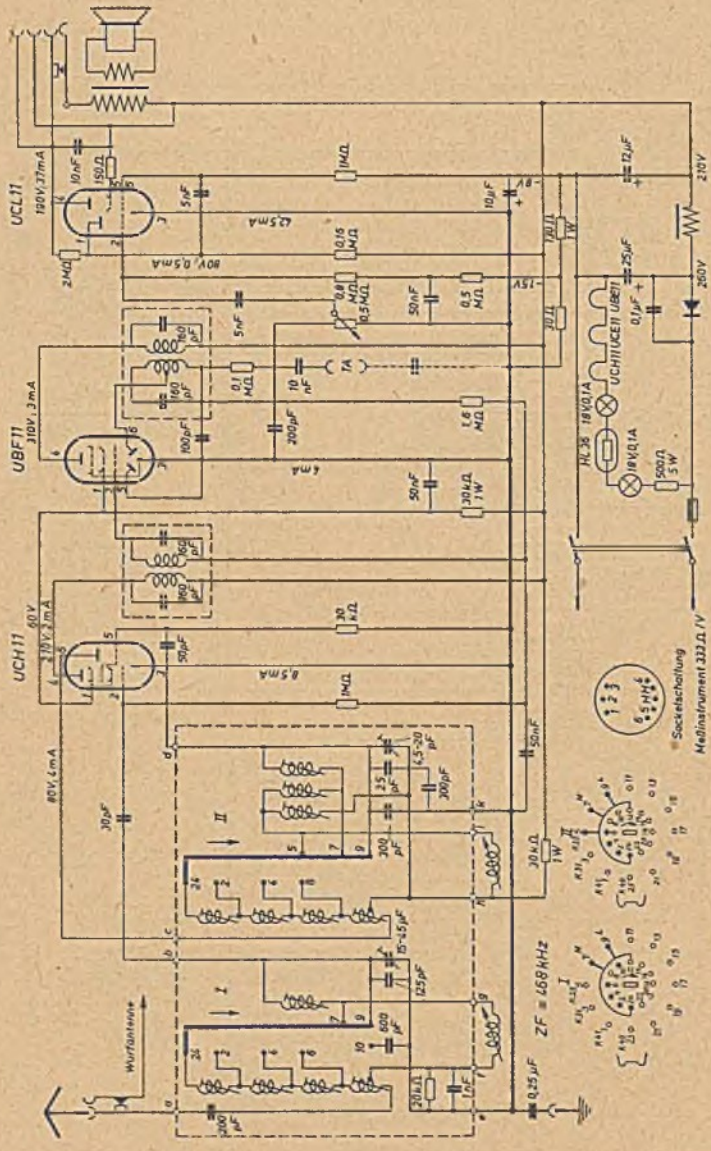


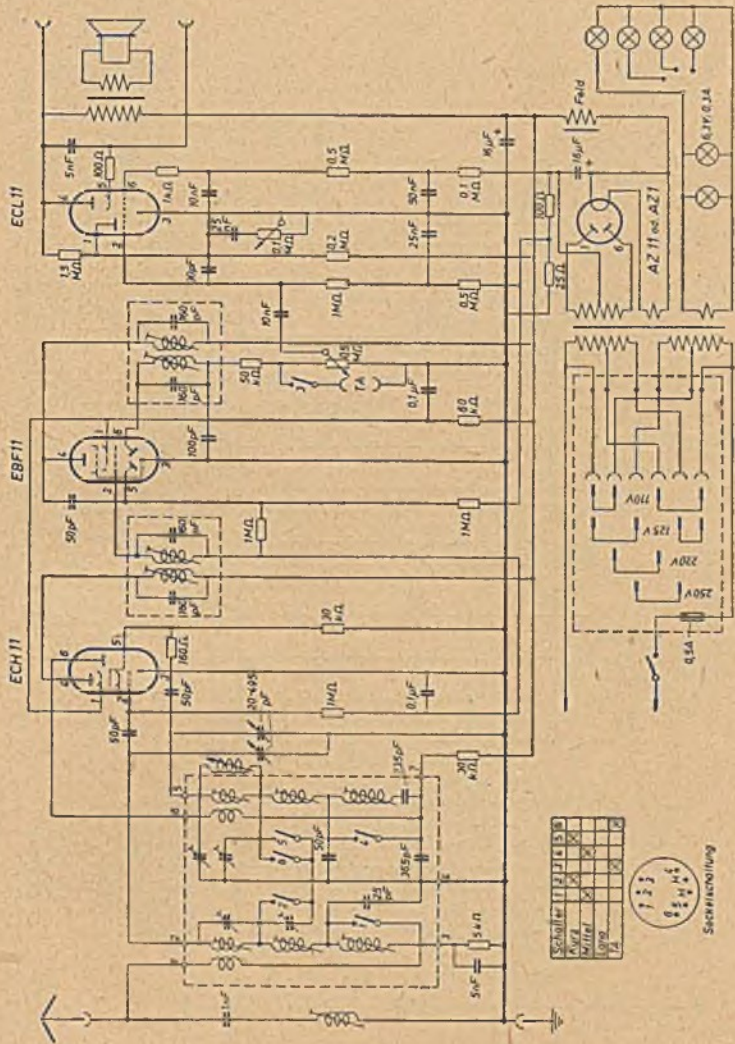


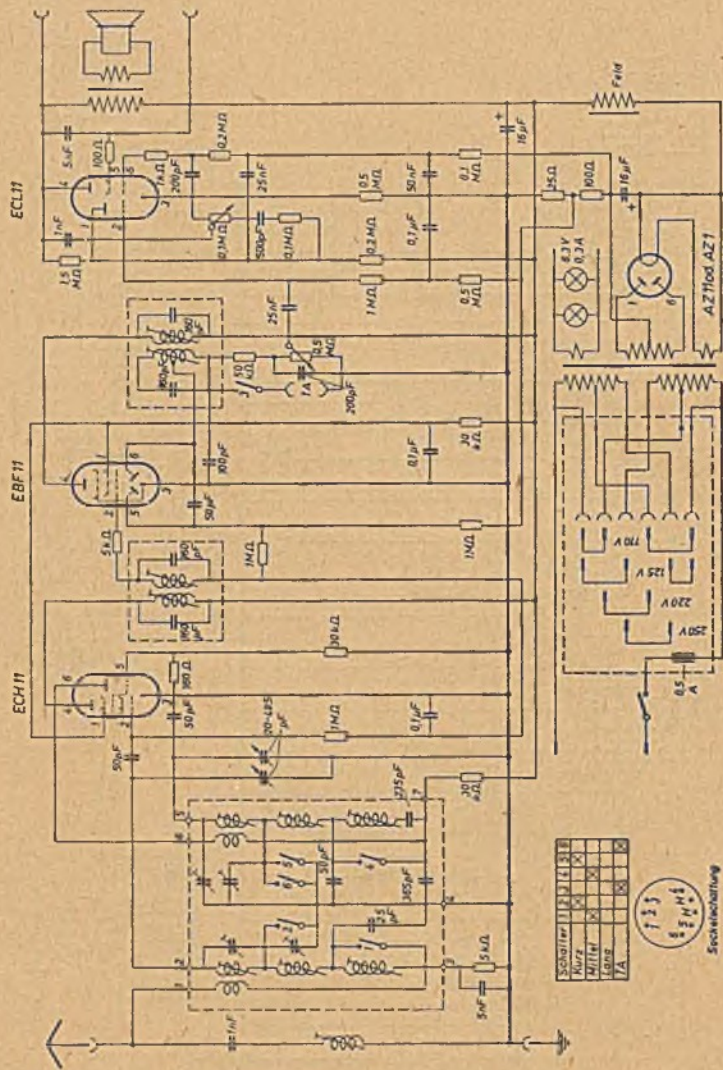






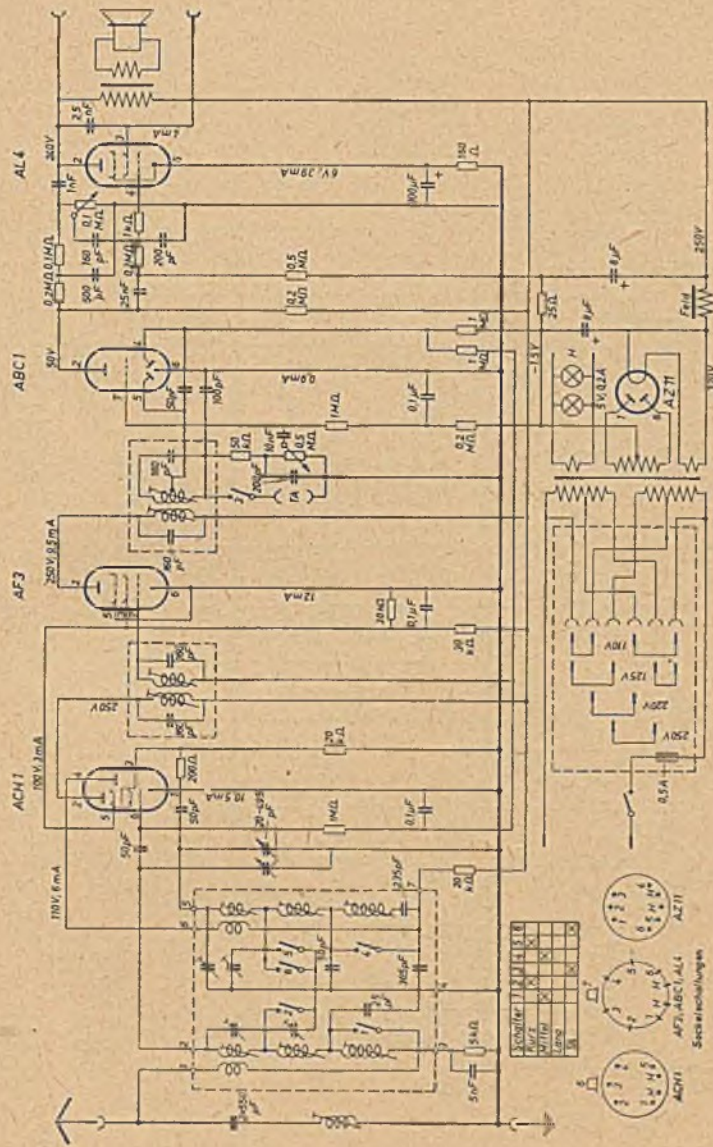


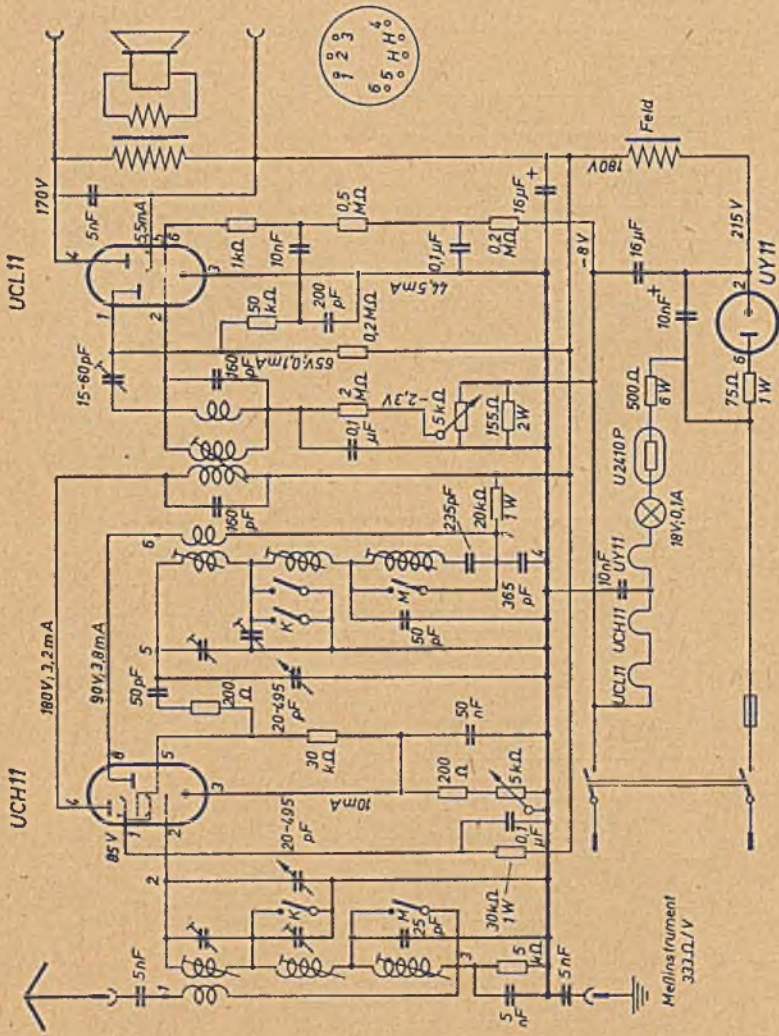


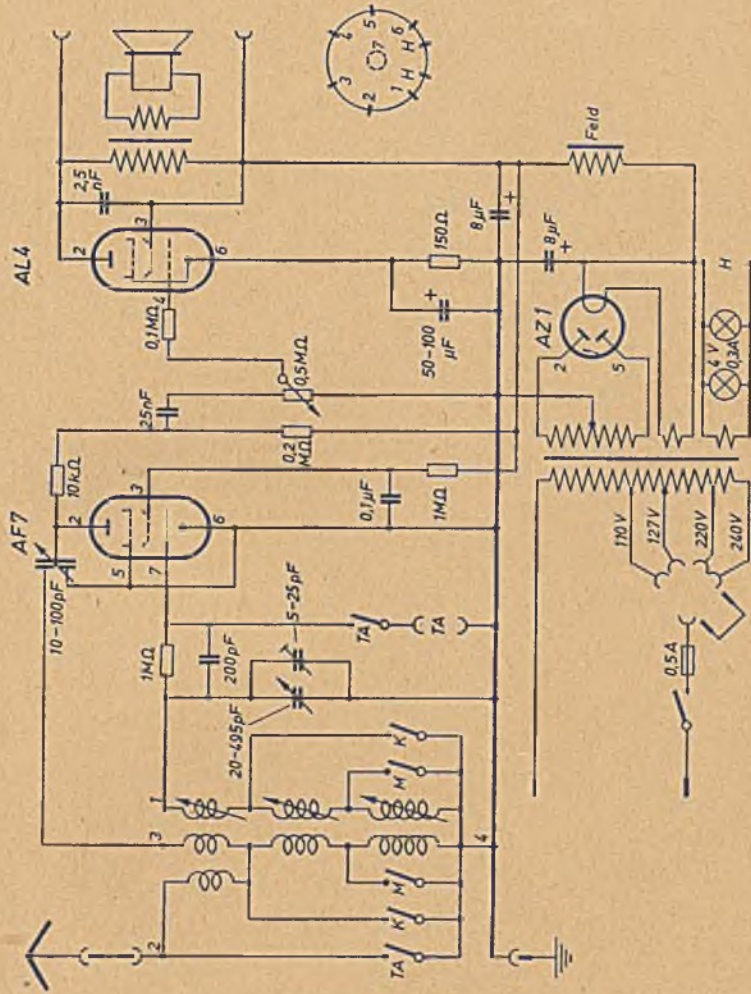


Schalter	1	2	3	4	5	6	7	8	9	10
Kurz										
Mittel										
Lang										
TA										





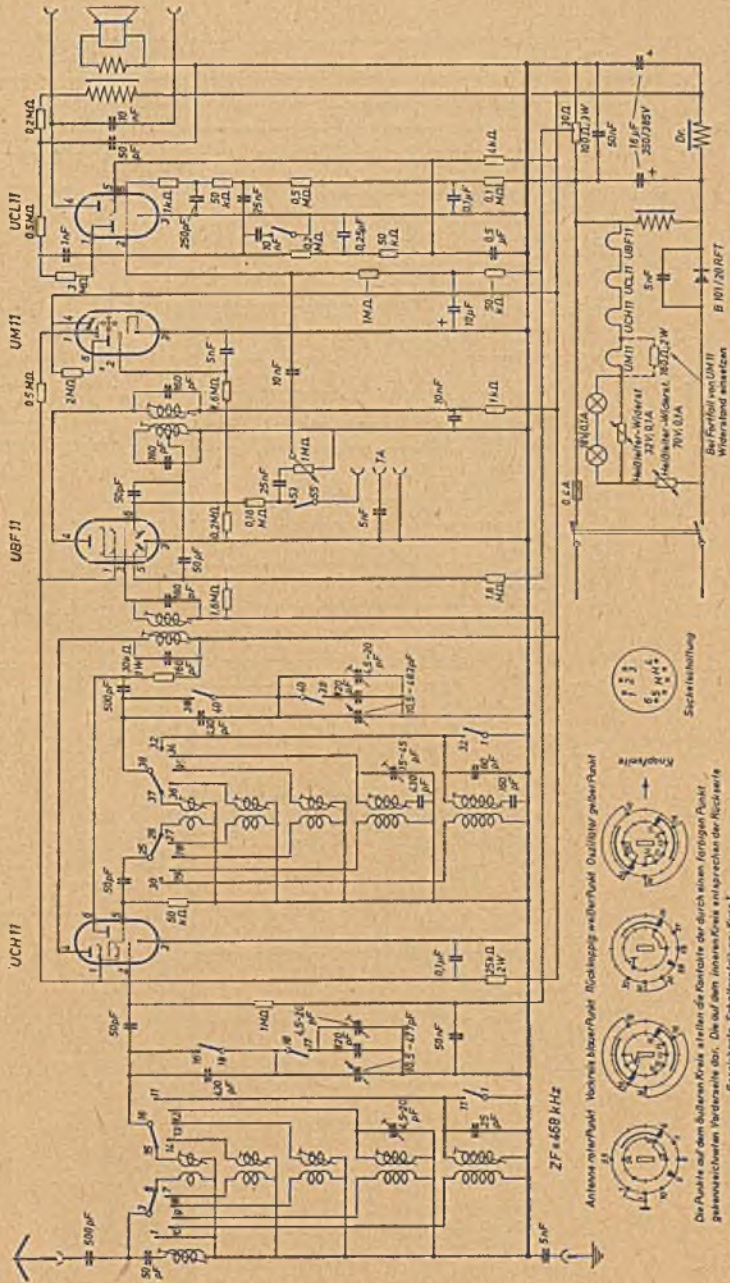




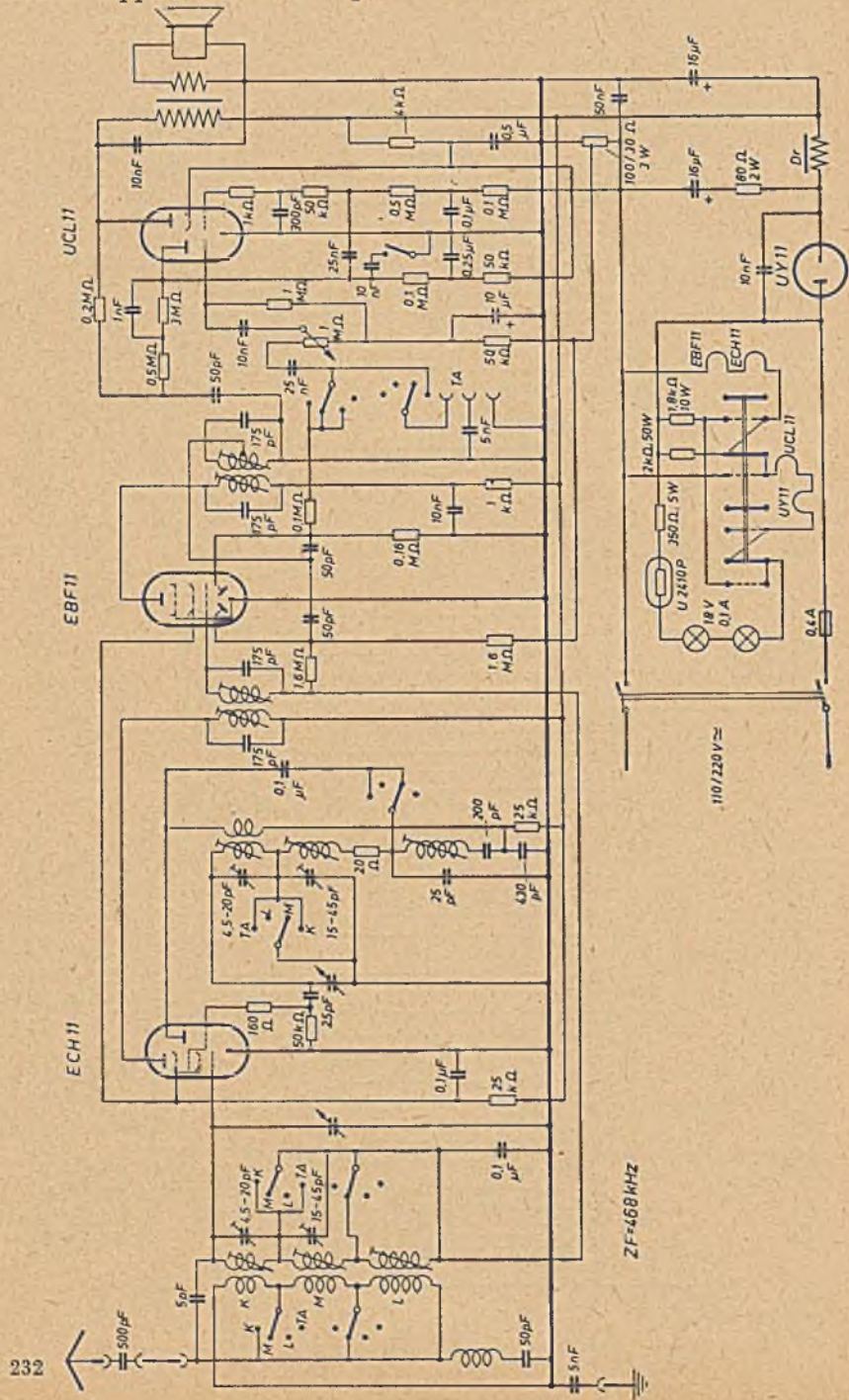


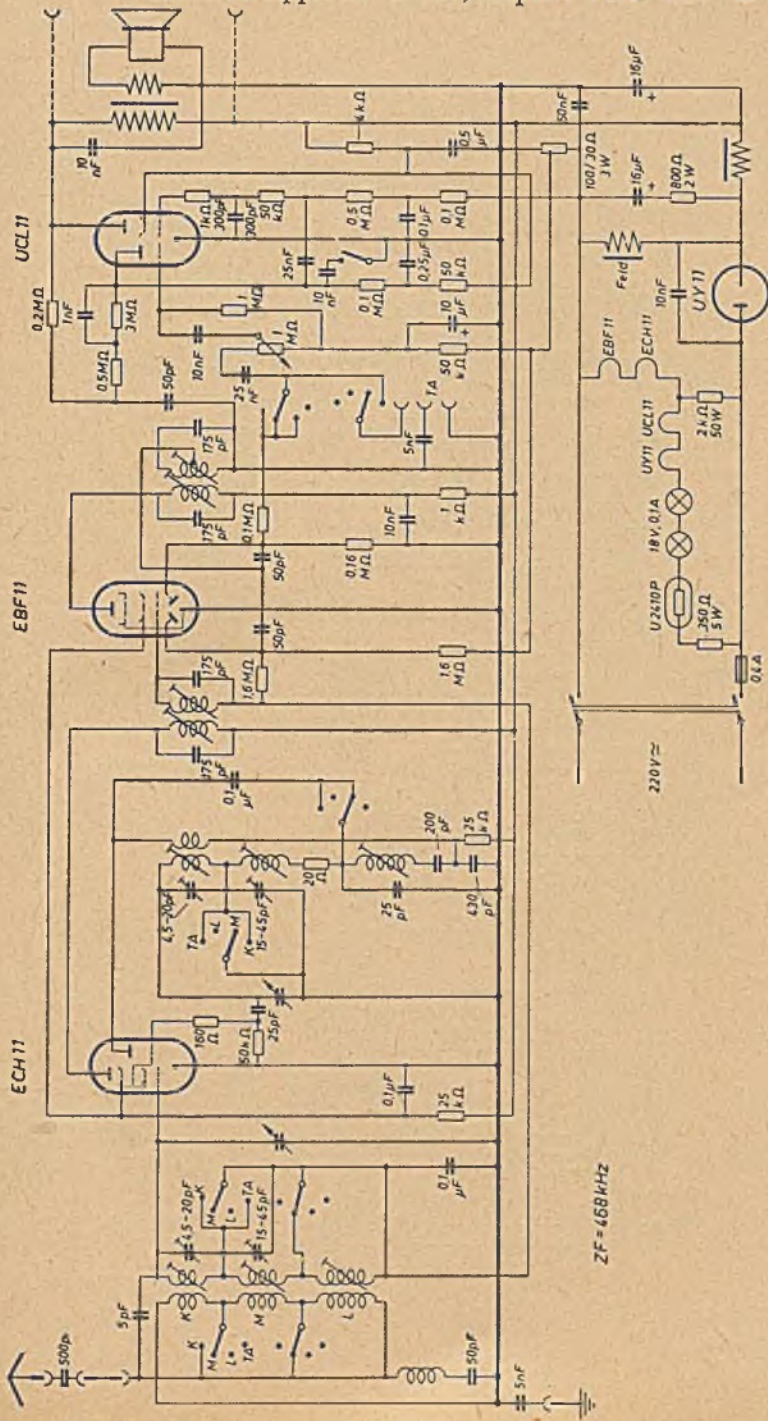
ELEKTRO-APPARATE-WERKE TREPTOW

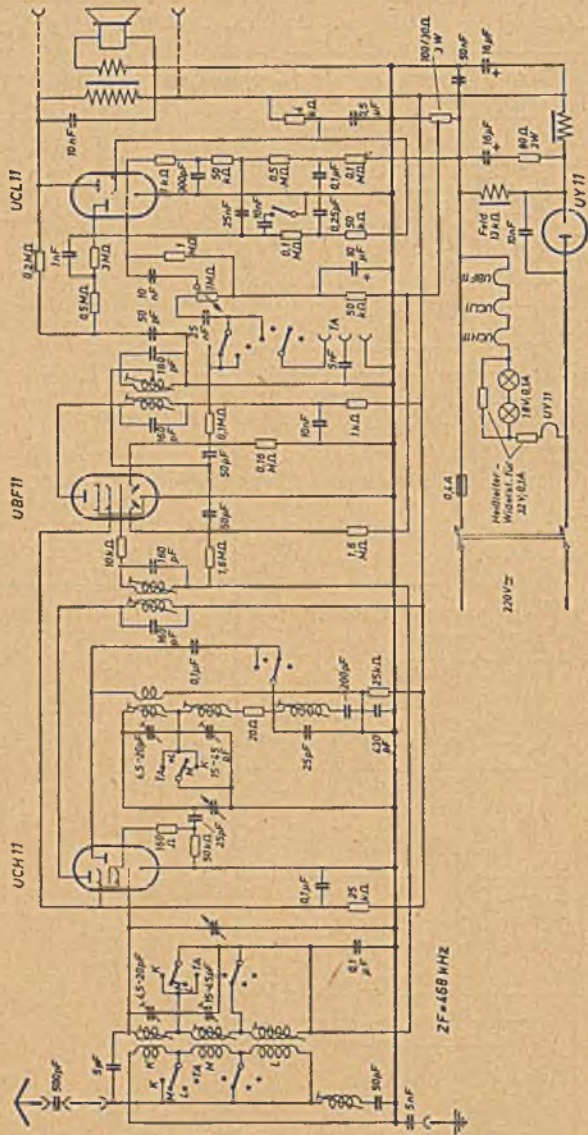


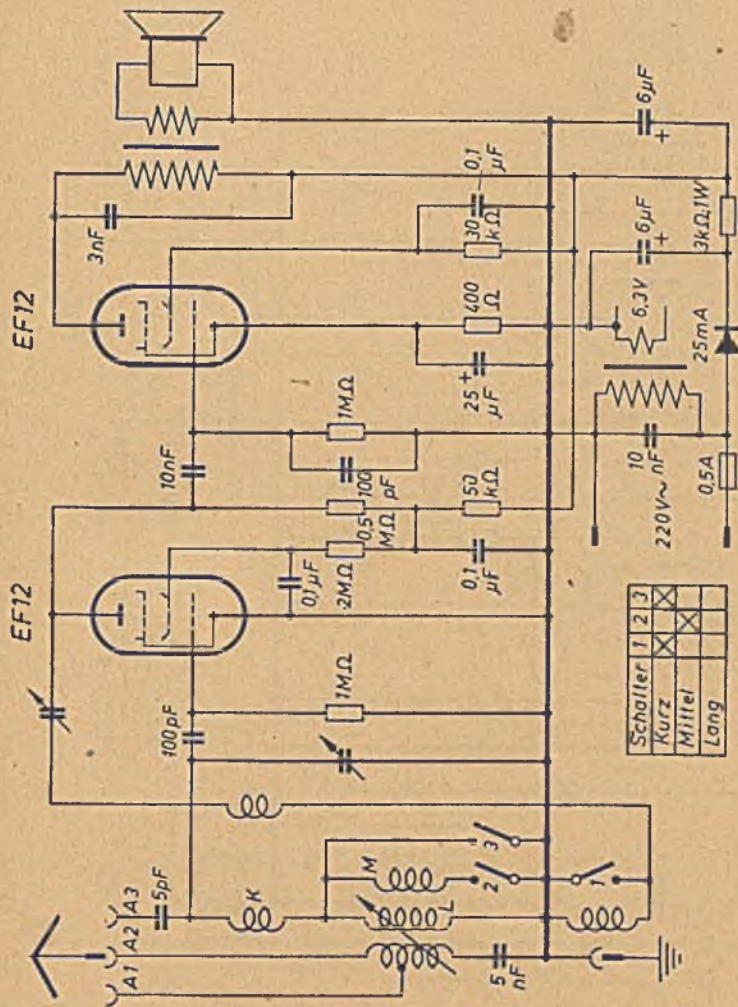


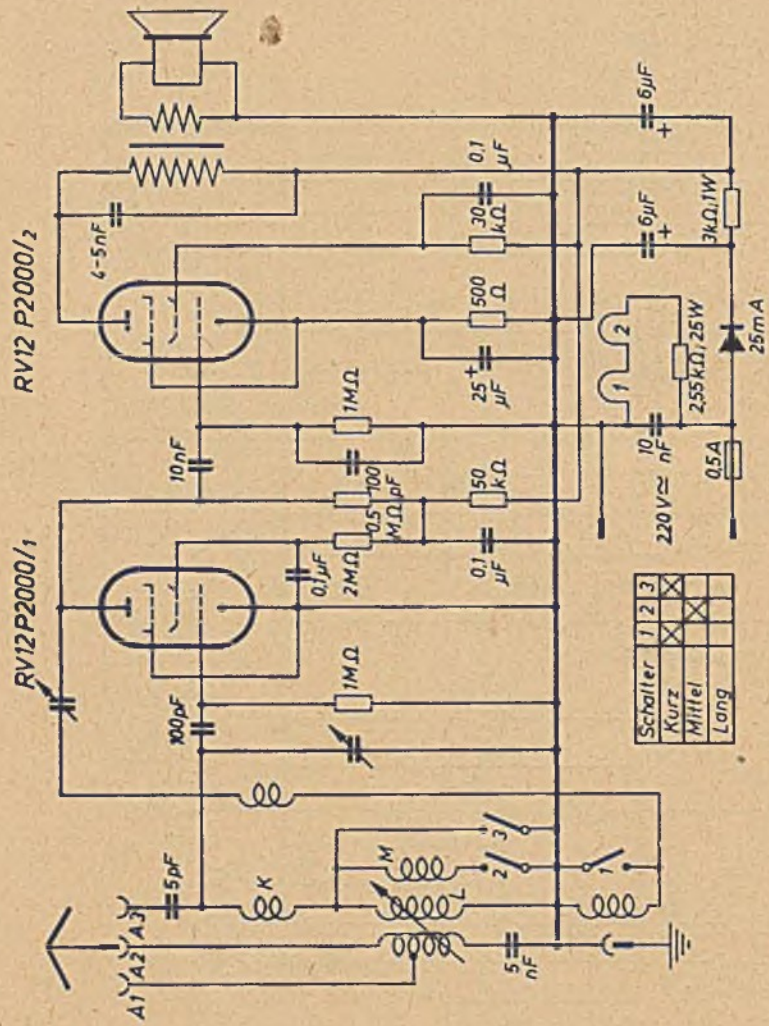
Die Punkte auf dem äußeren Kreis stellen die Kontakte dar durch einen farbigen Punkt genaueren Verbindungs- und auf dem inneren Kreis entsprechen die Anschlüsse der Anschlüsse. Gezeichnete Schalterstellung (dunkel)







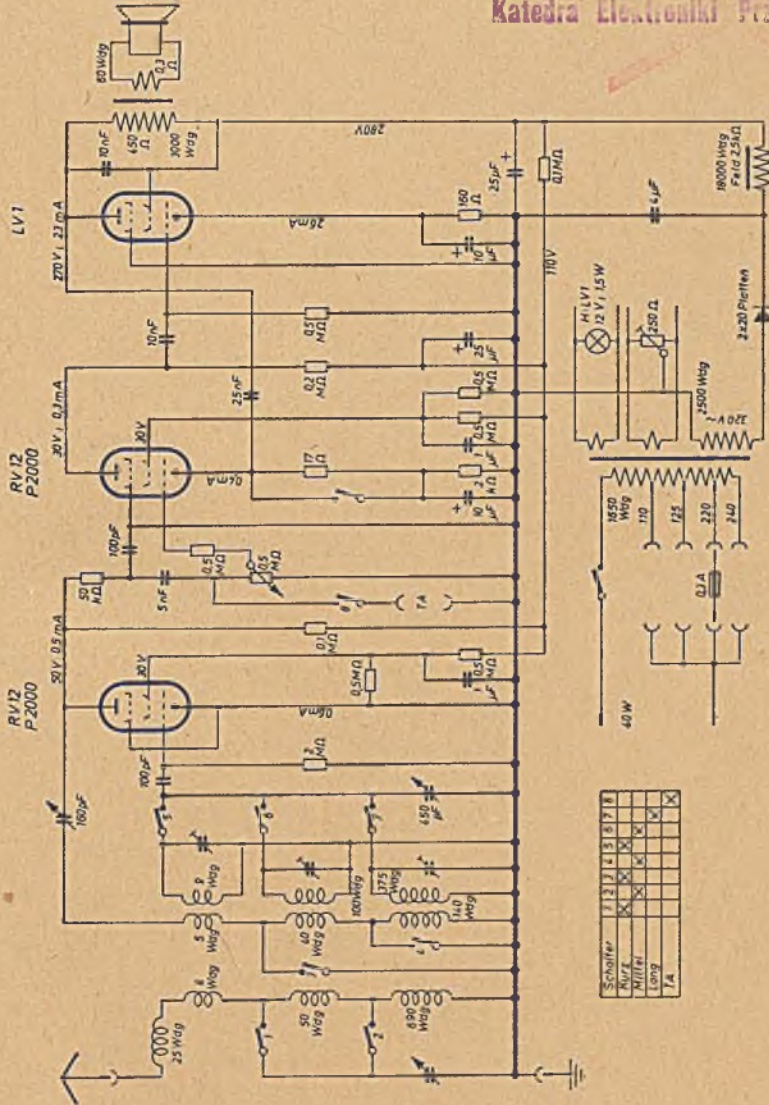




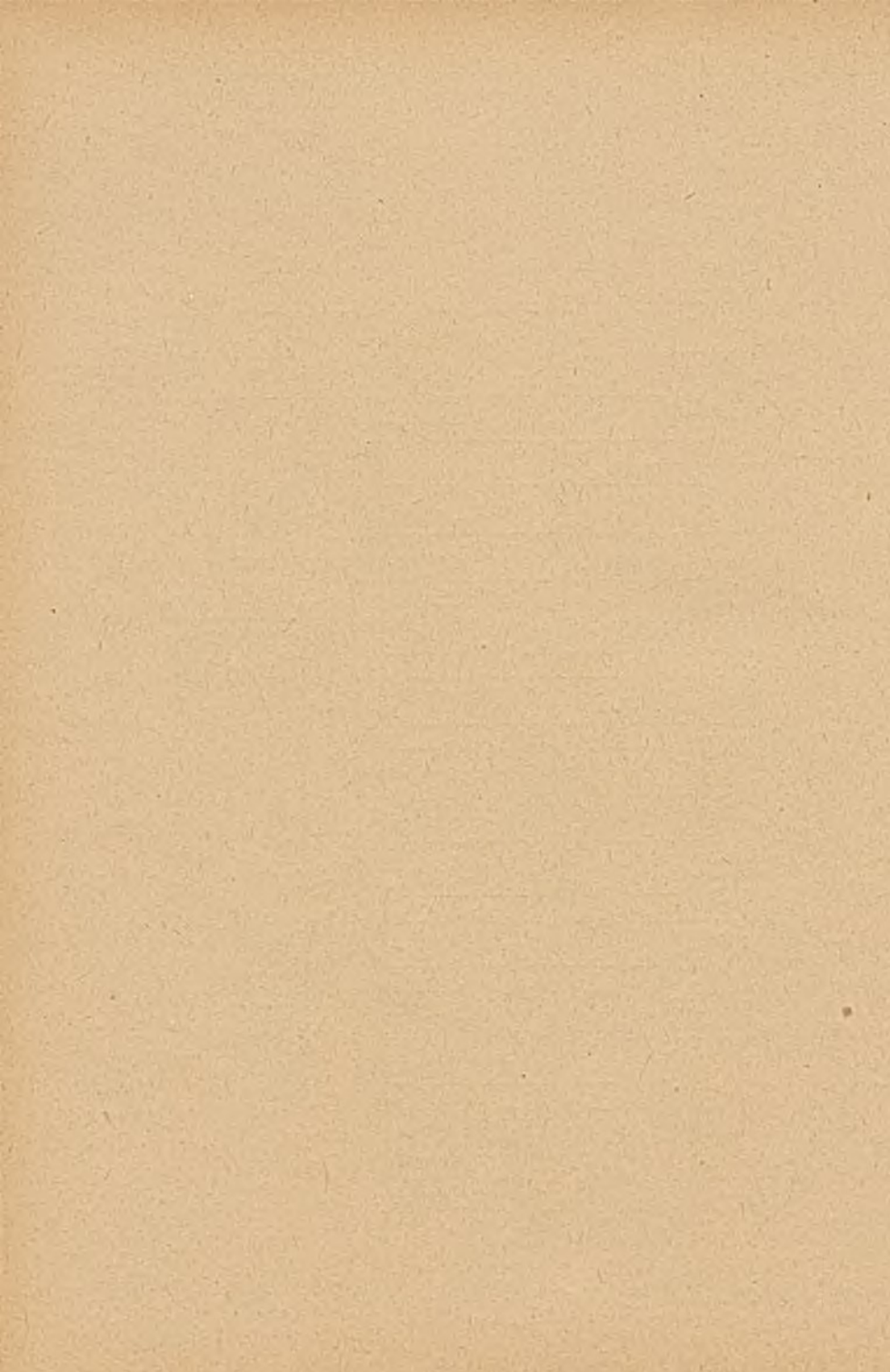
ELMUG



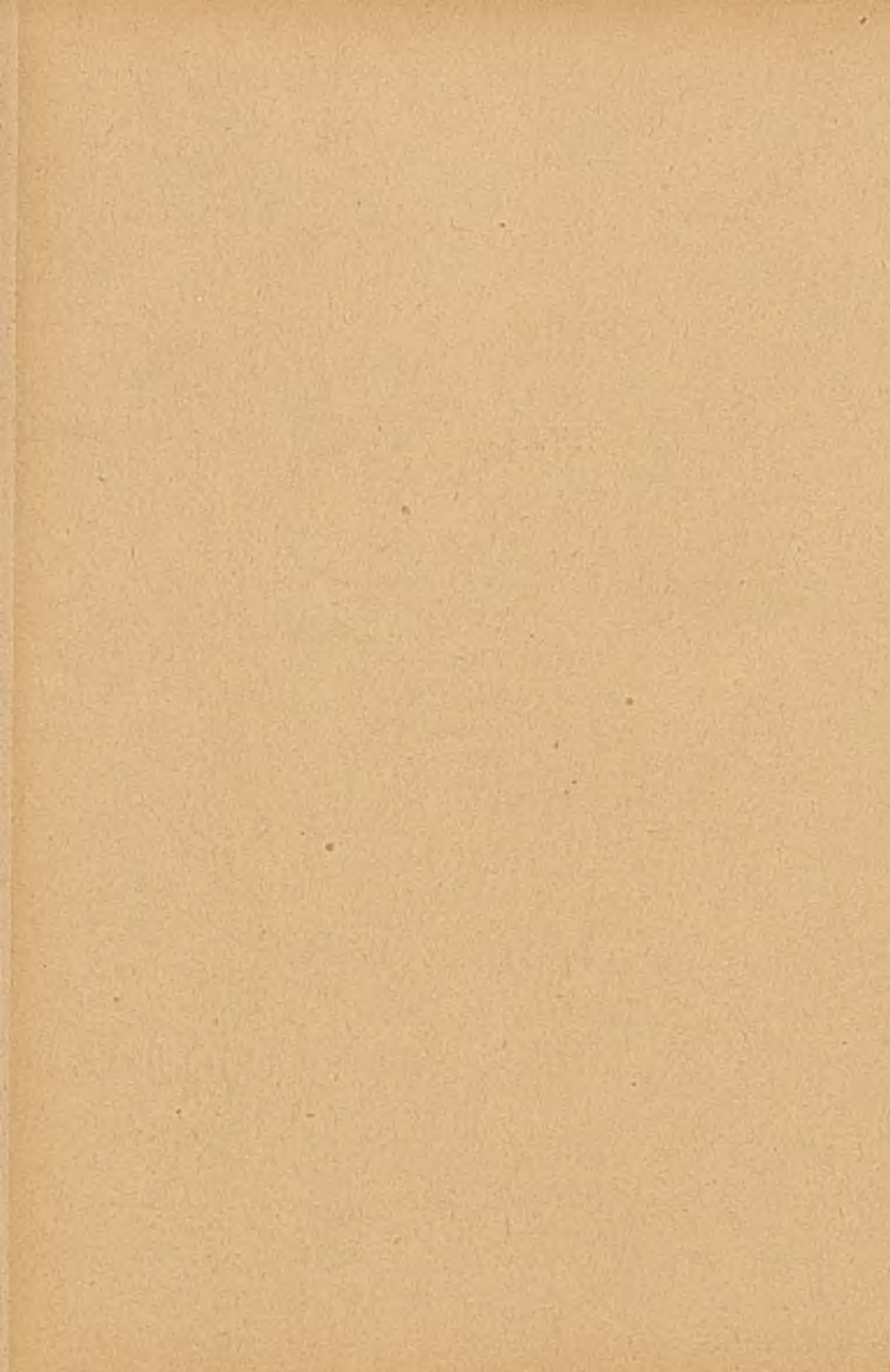
POLITECHNIKA ŚLĄSKA
Katedra Elektroniki Przemysłowej



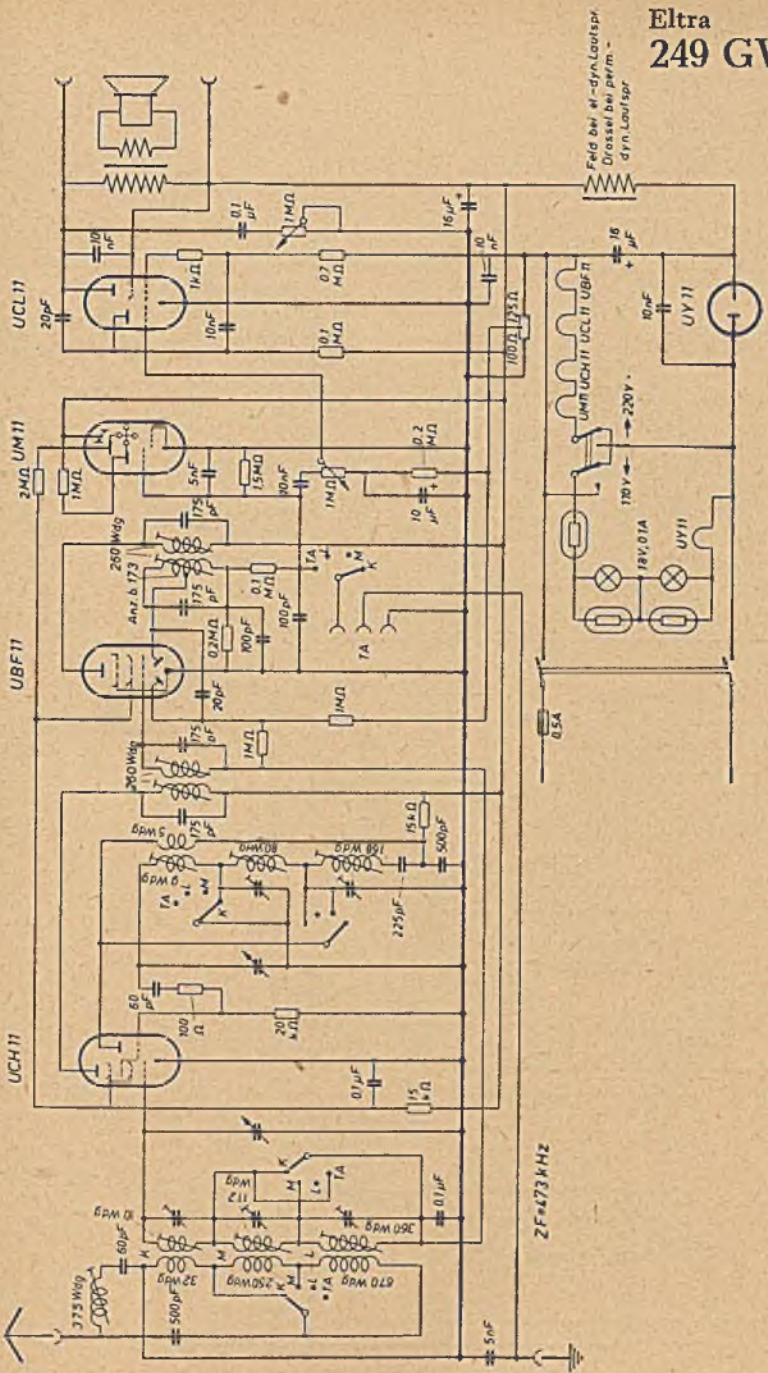
Schalter	1	2	3	4	5	6	7	8	9	10
RV12										
RV12										
RV12										
YA										

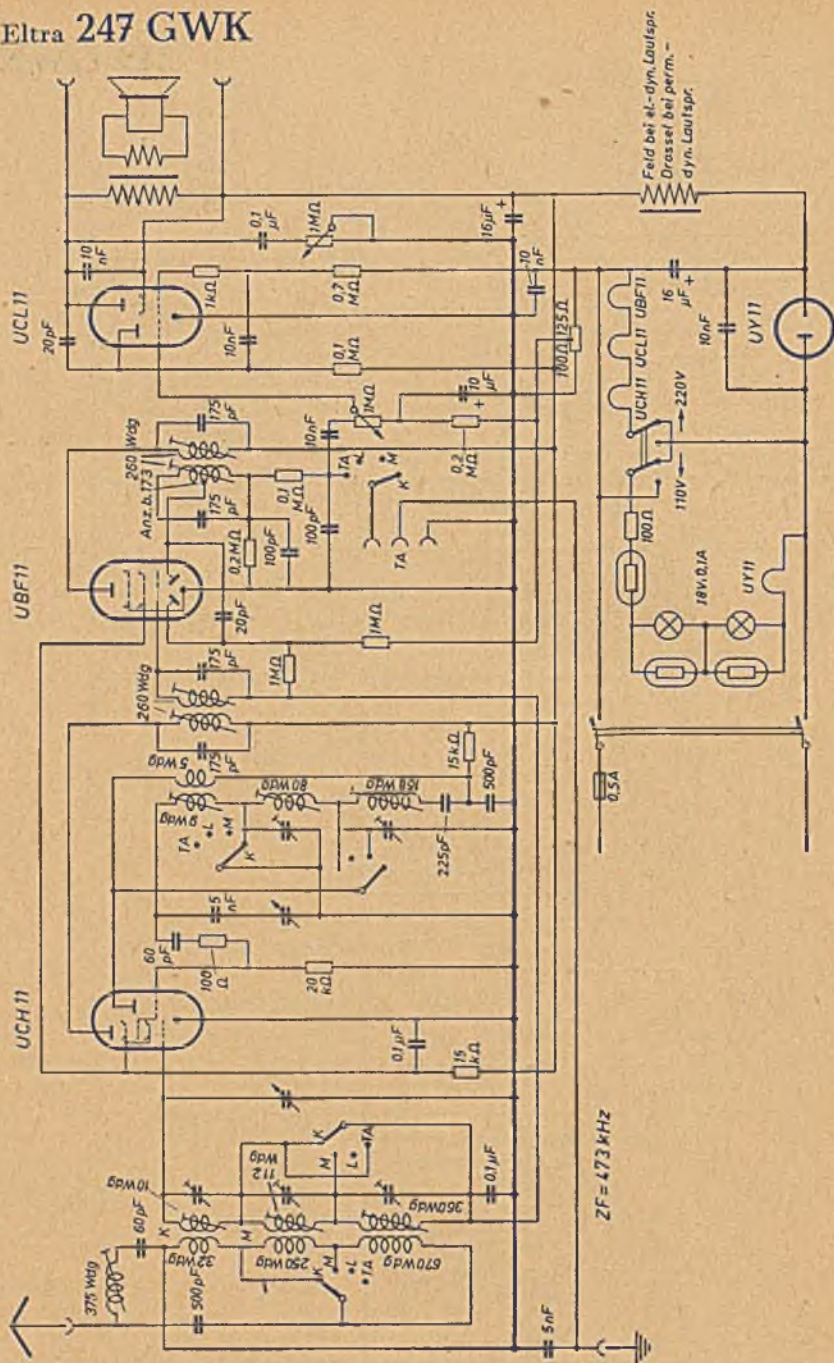


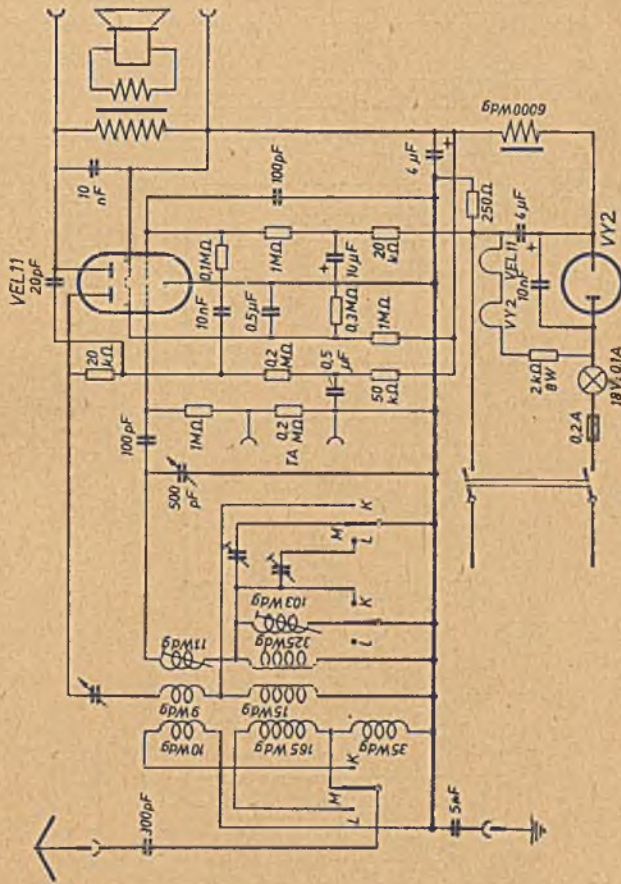
ELTRA

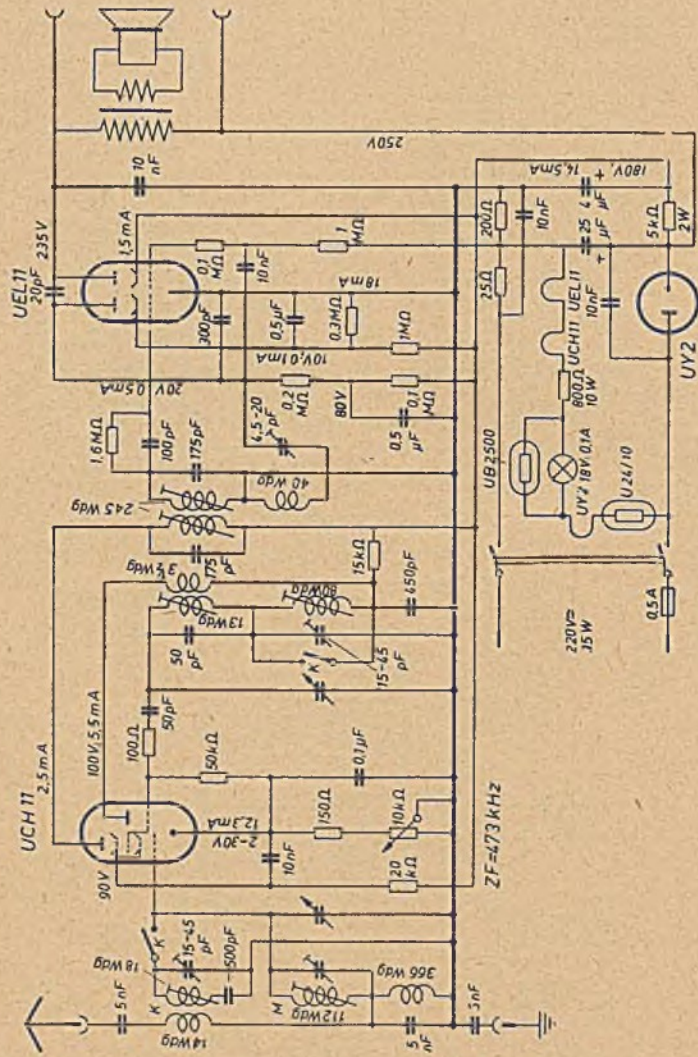


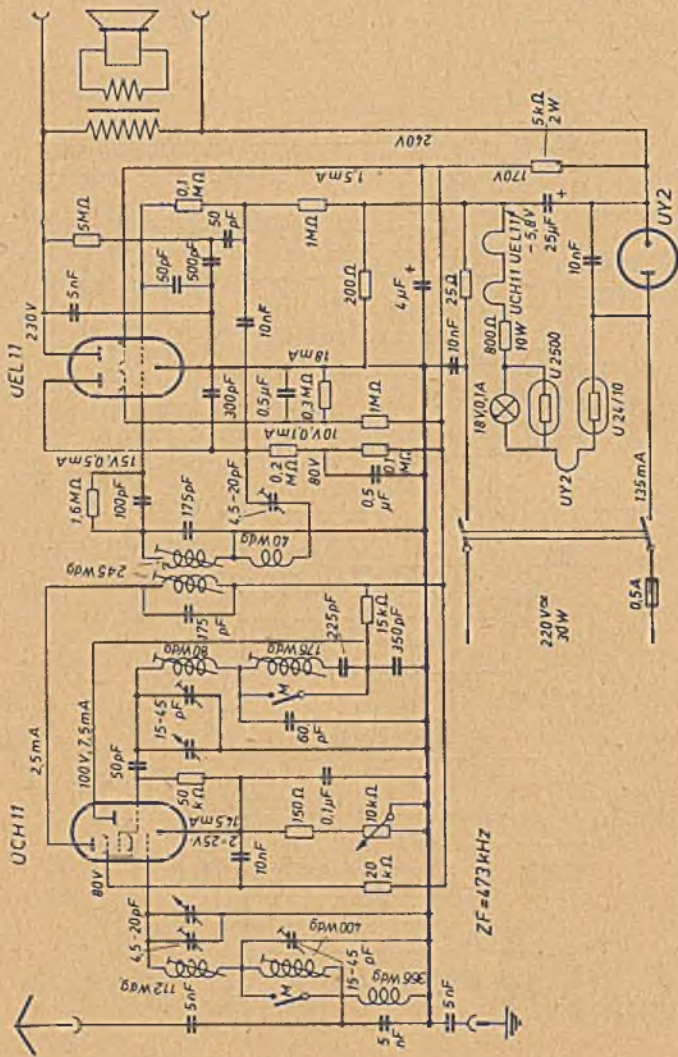
Eltra
249 GWK

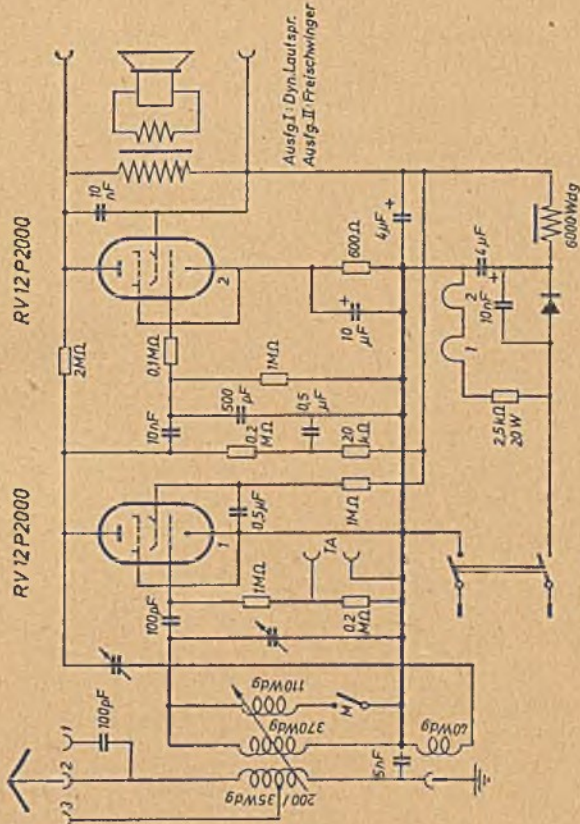








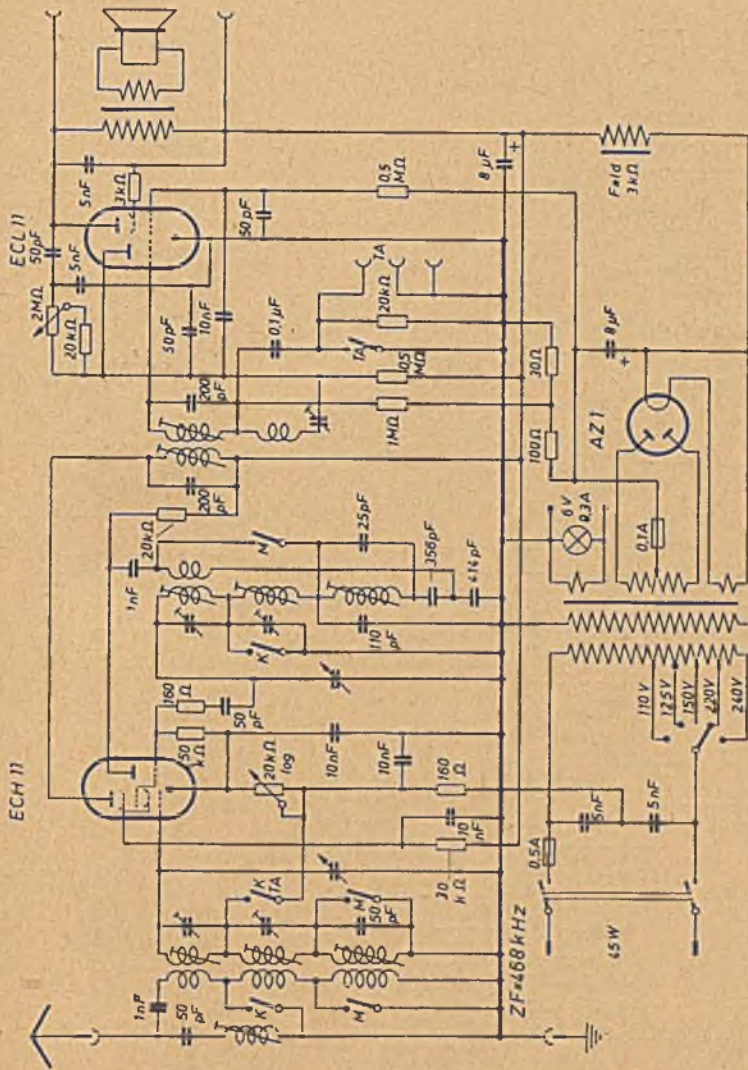


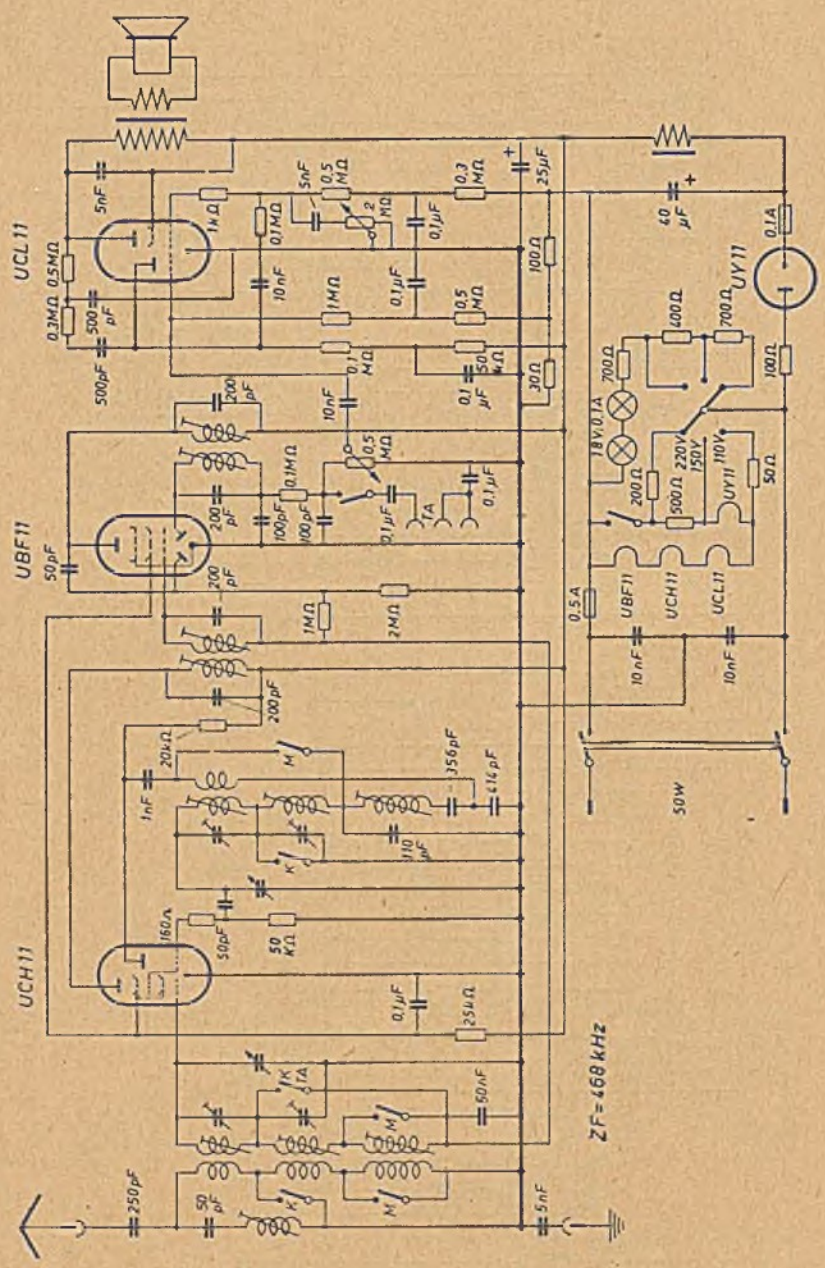


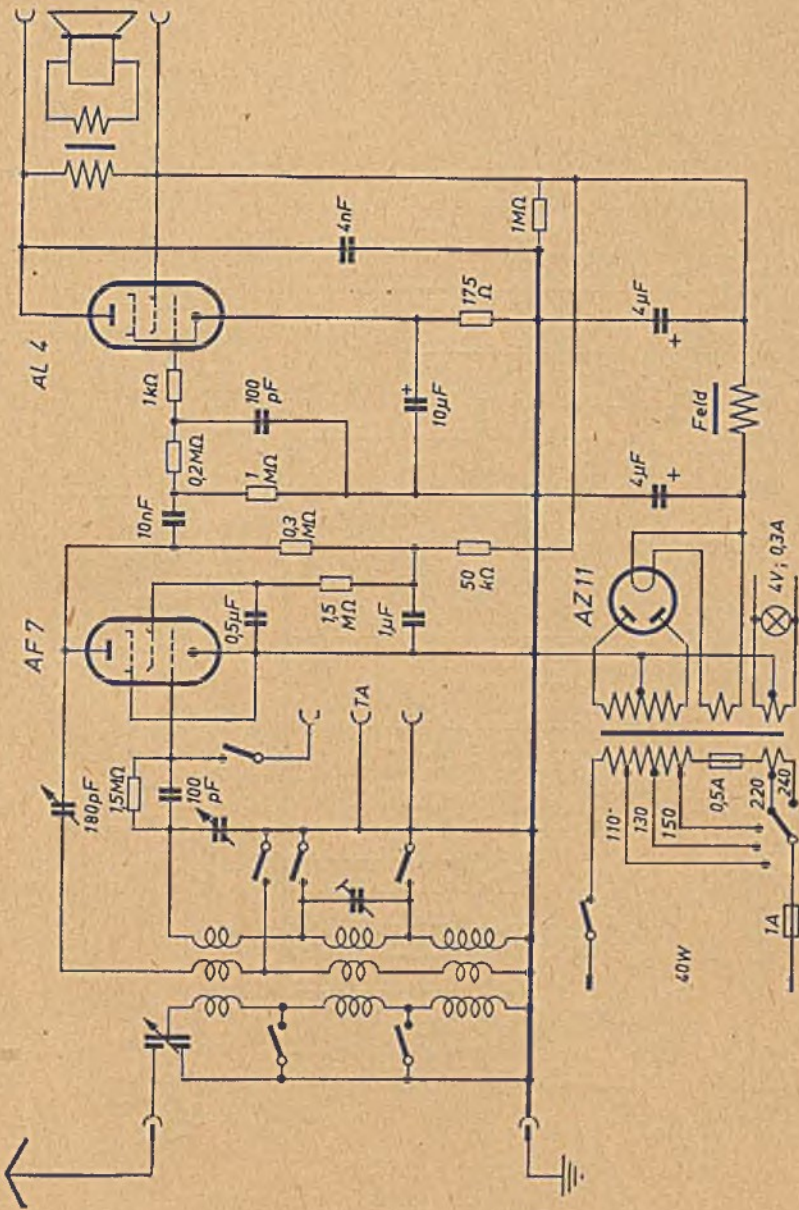


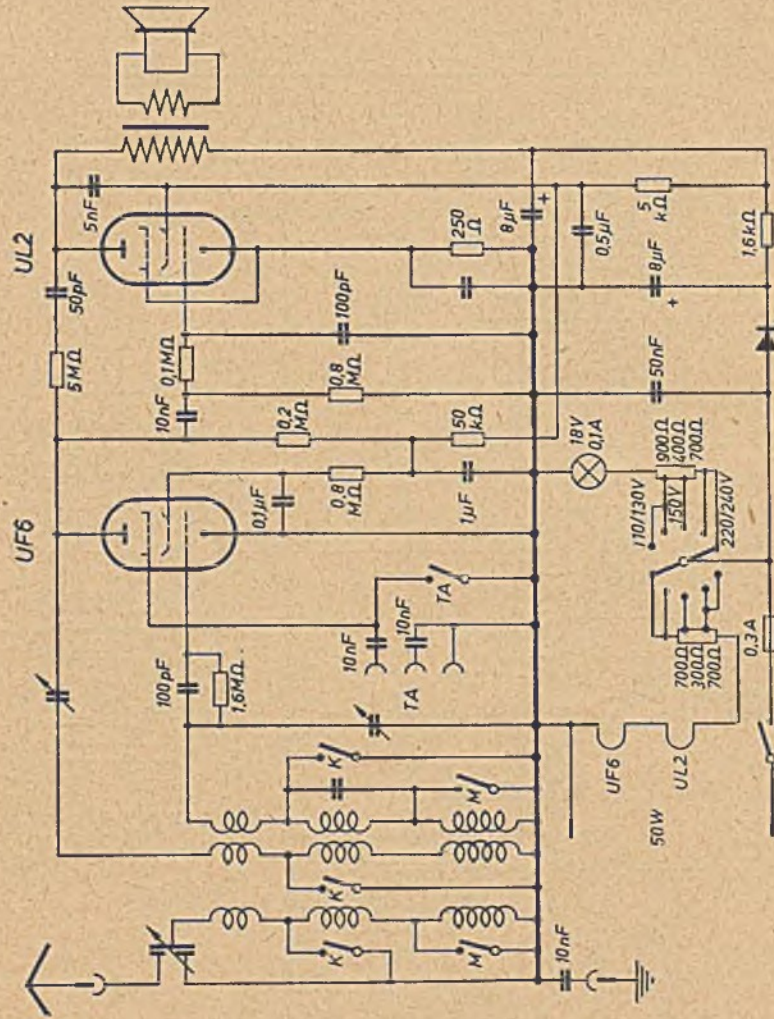
EMUD
(Produktion nach 1945)

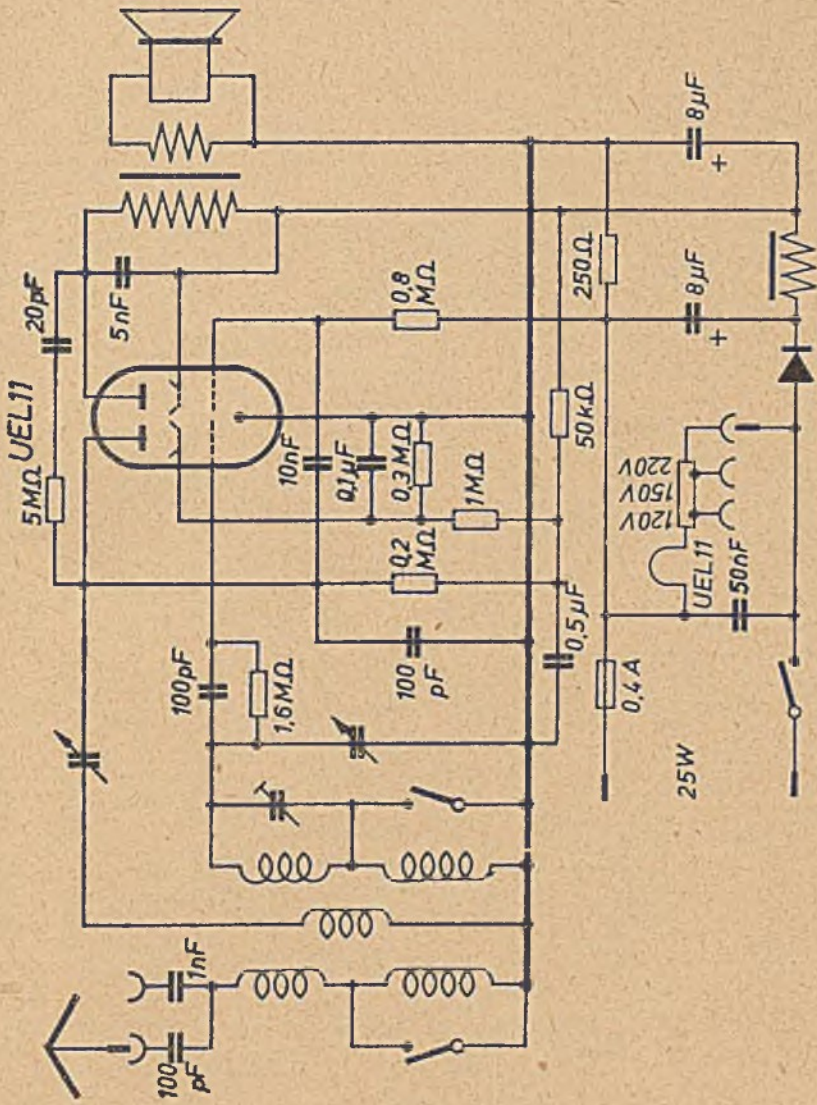










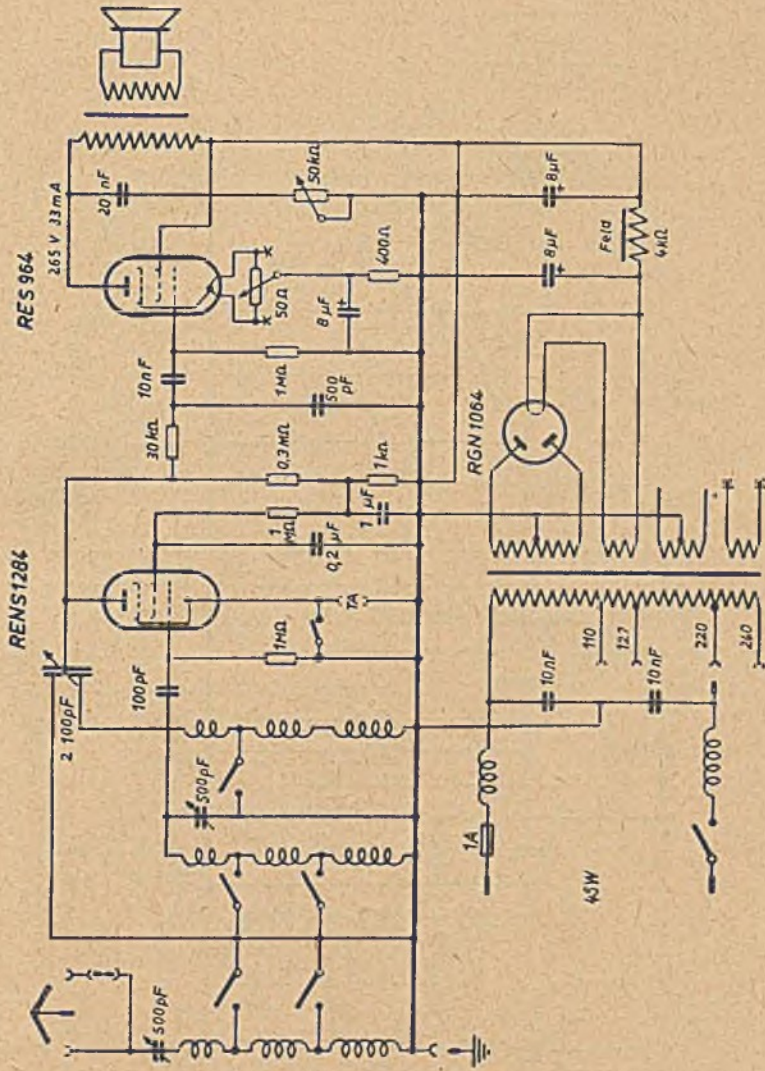


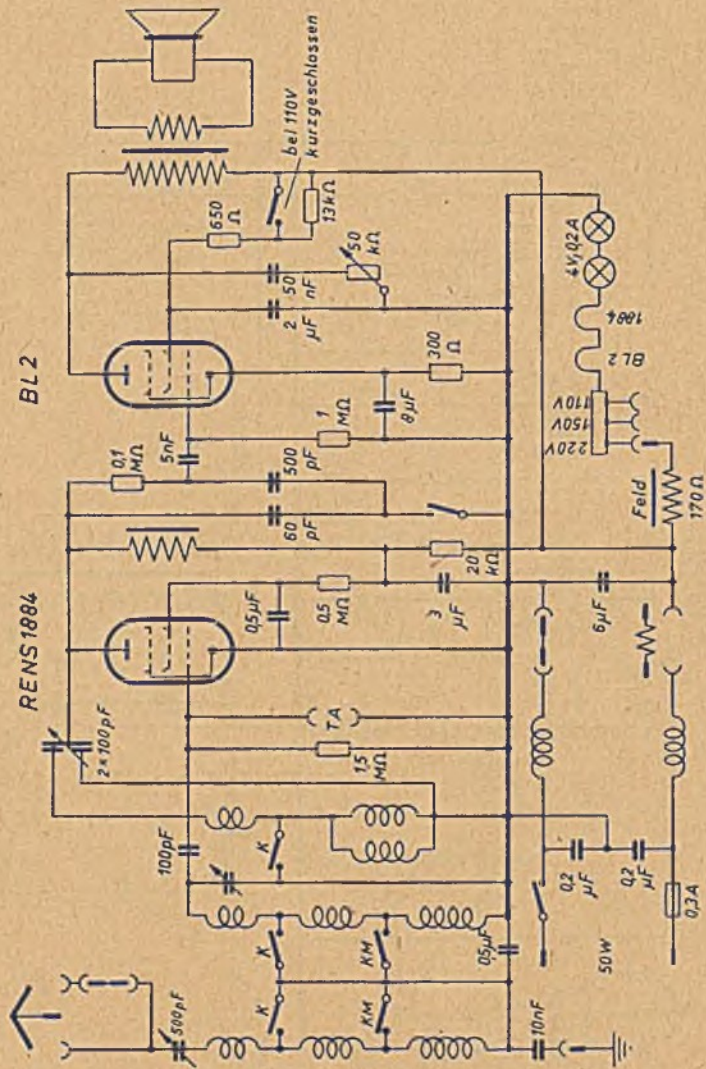


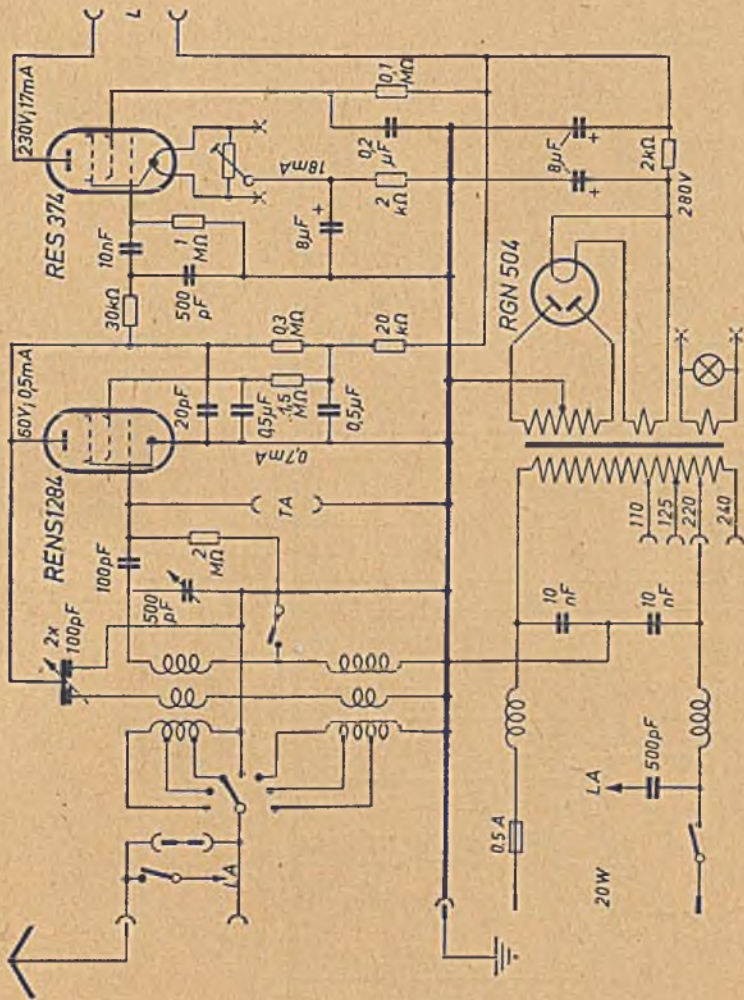
EMUD

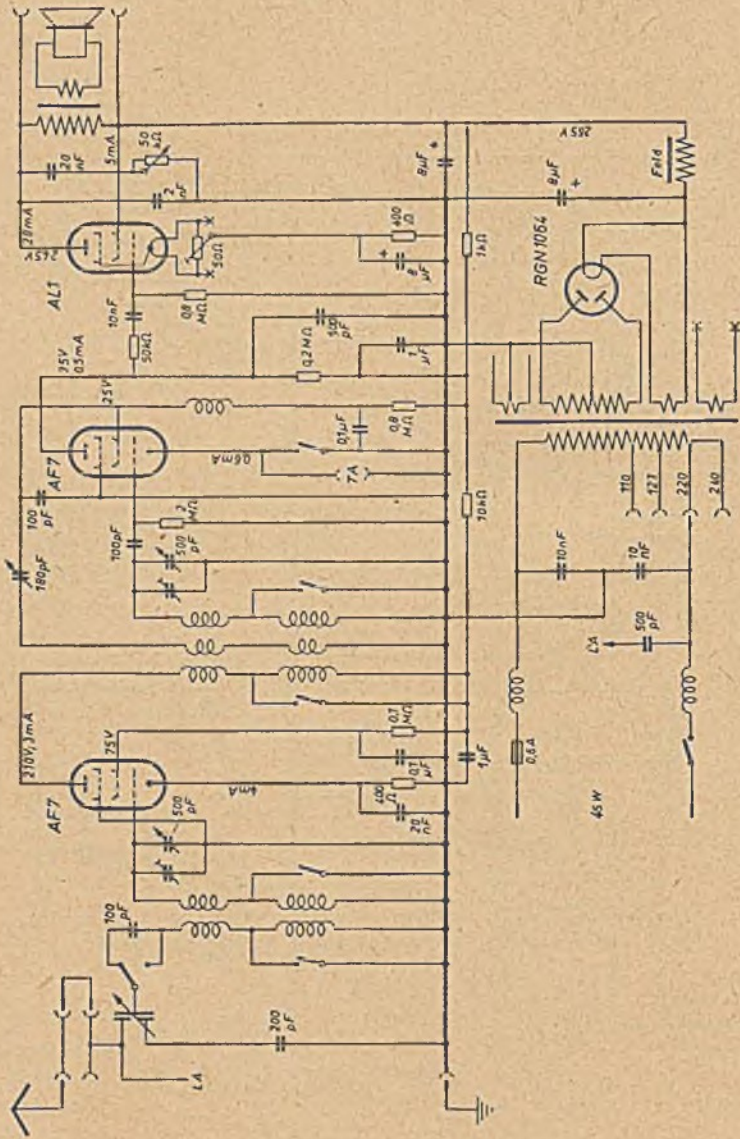
(Produktion vor 1945)

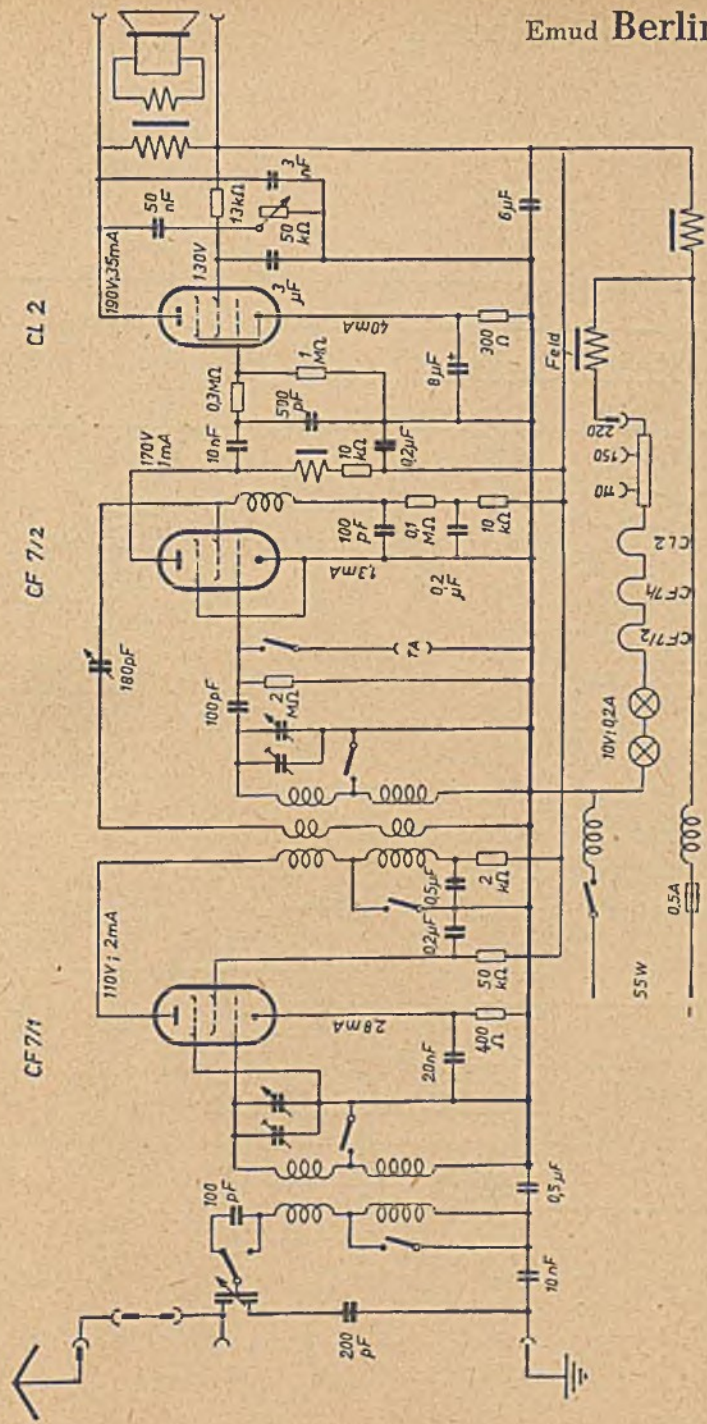




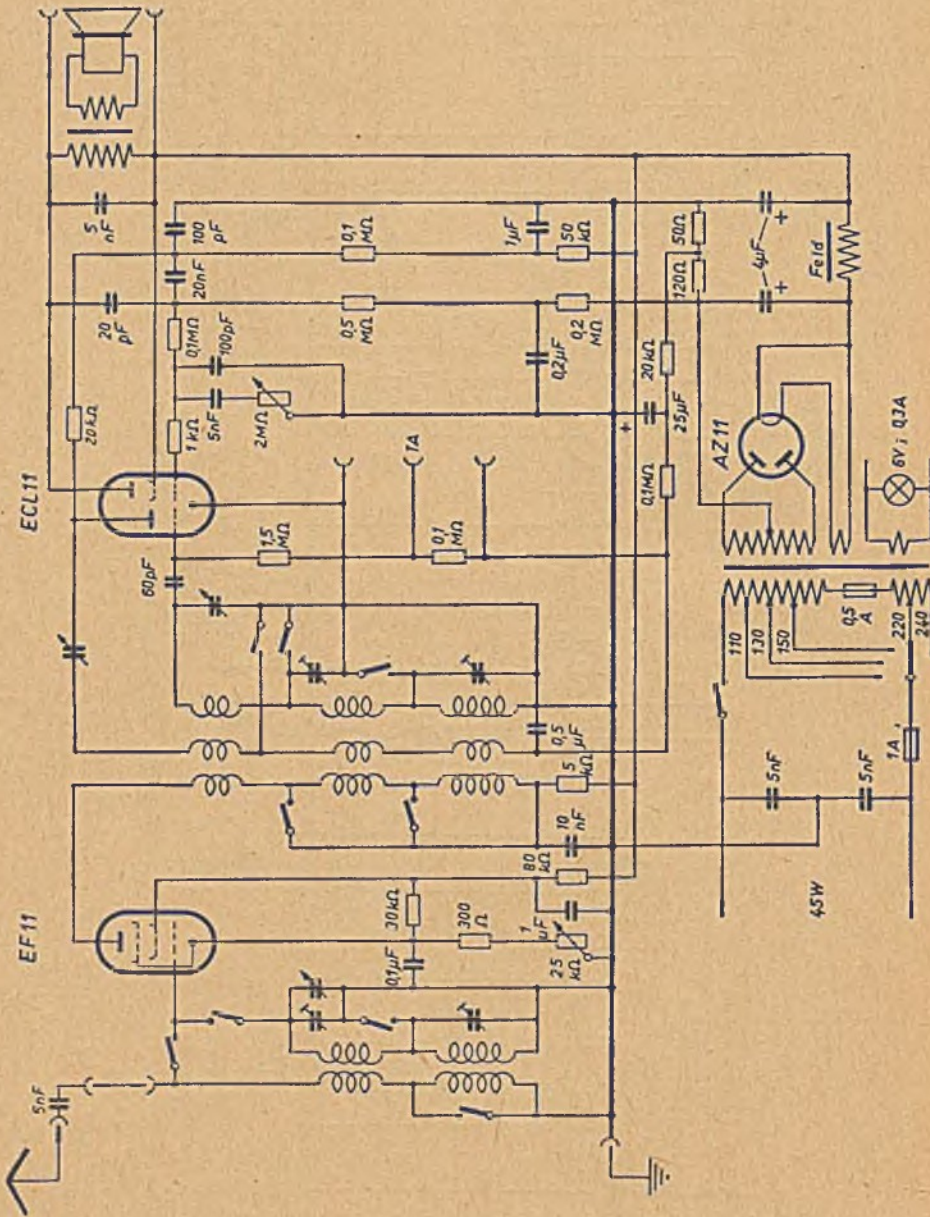


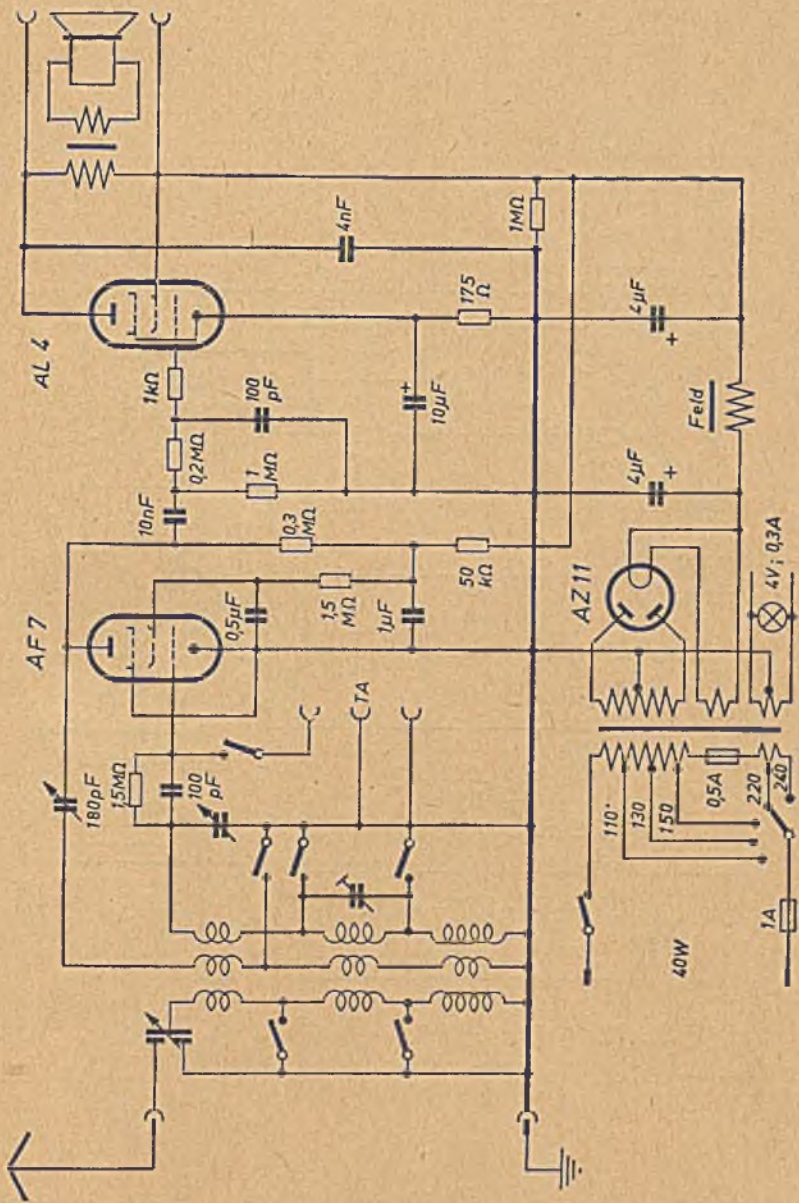


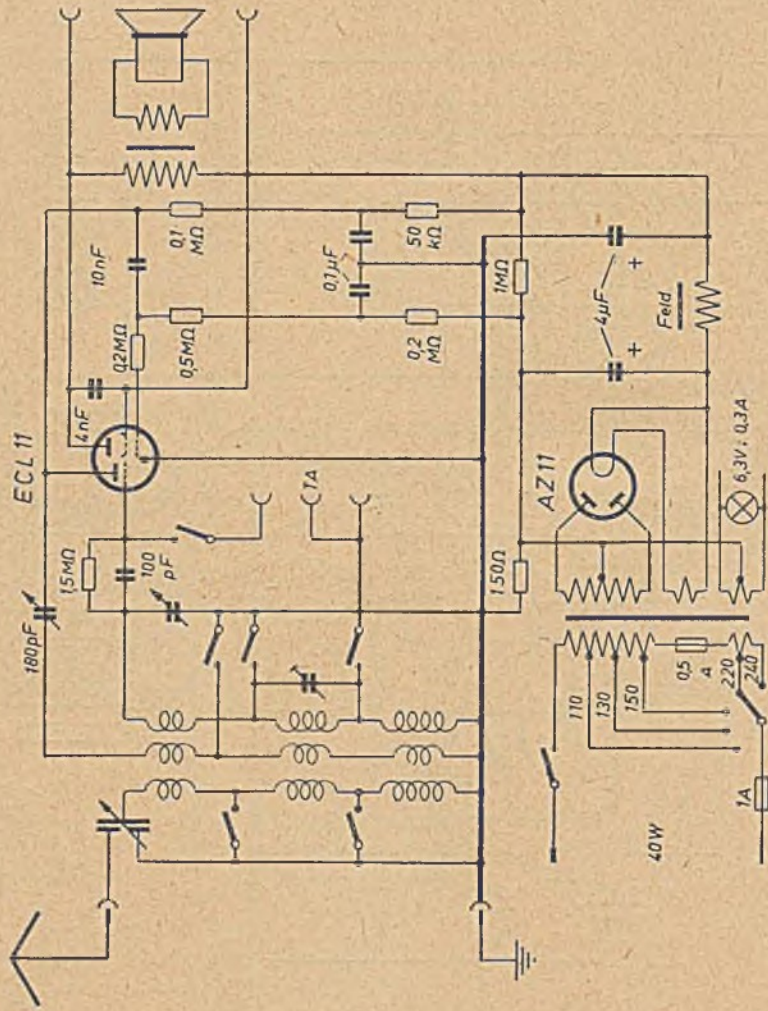




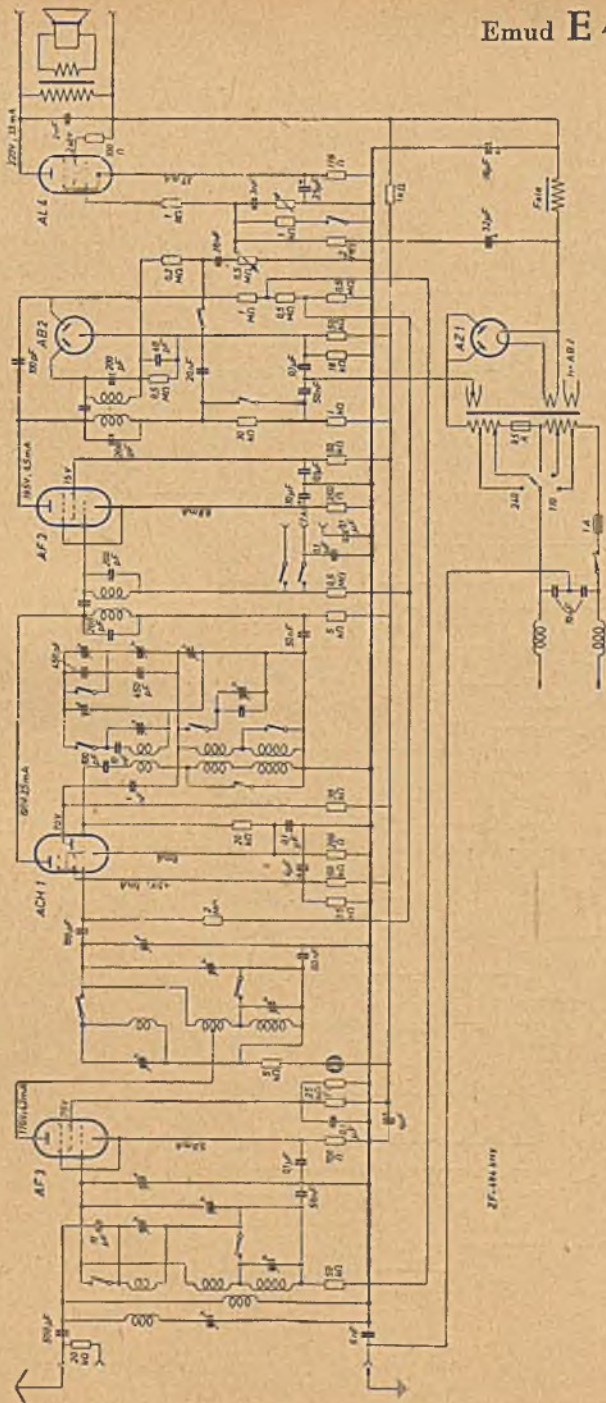
Emud 139 WK Record



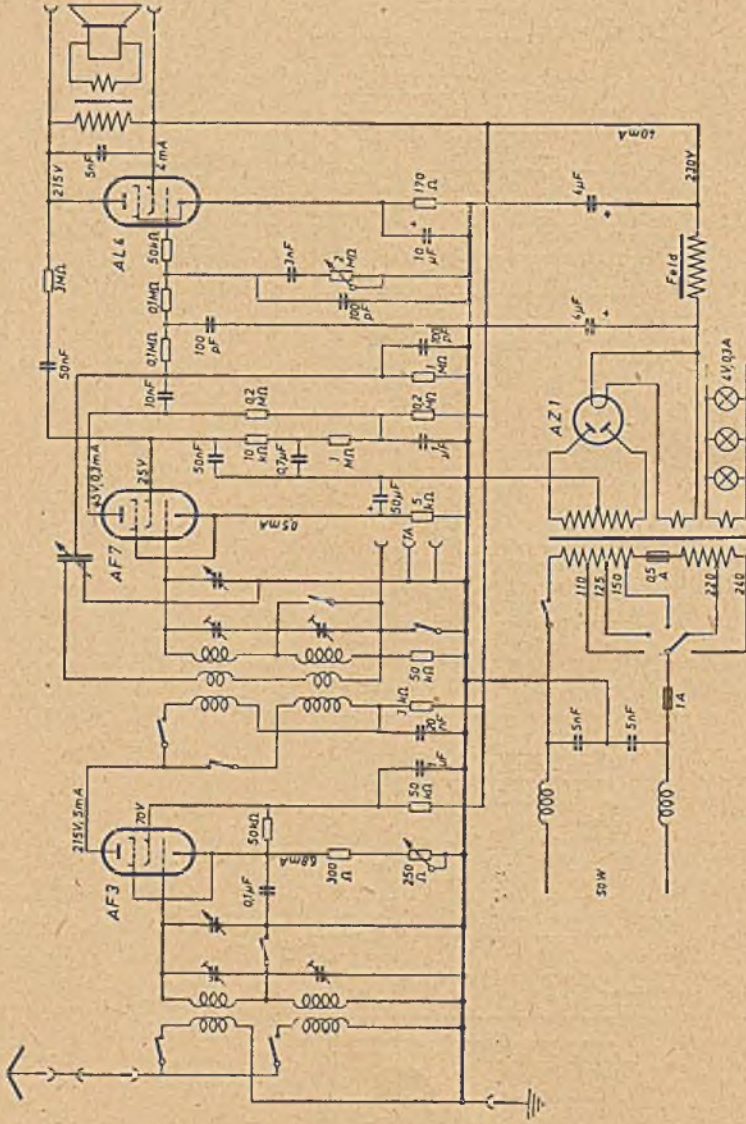




Emud E 47 W

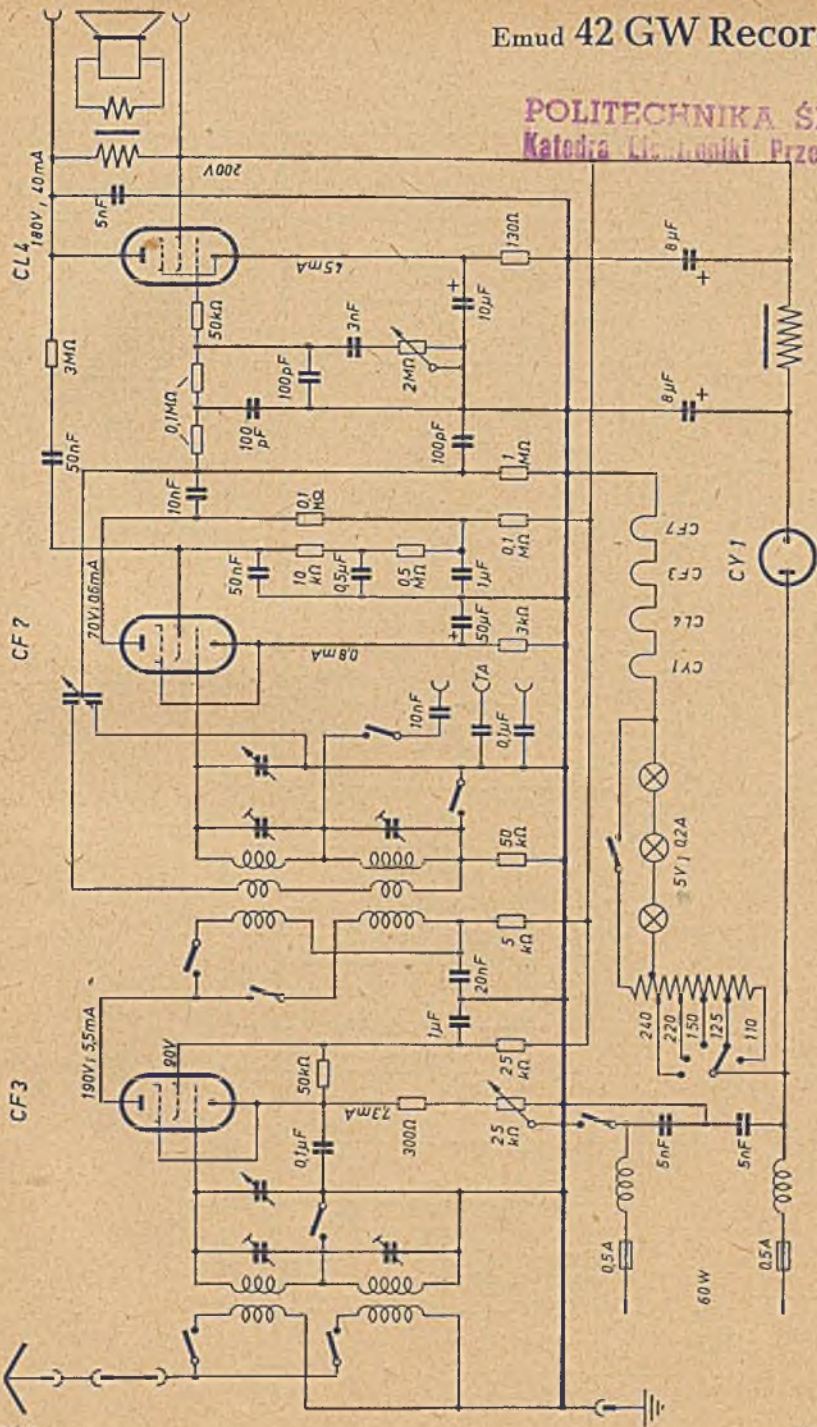


Emud 42 W Record

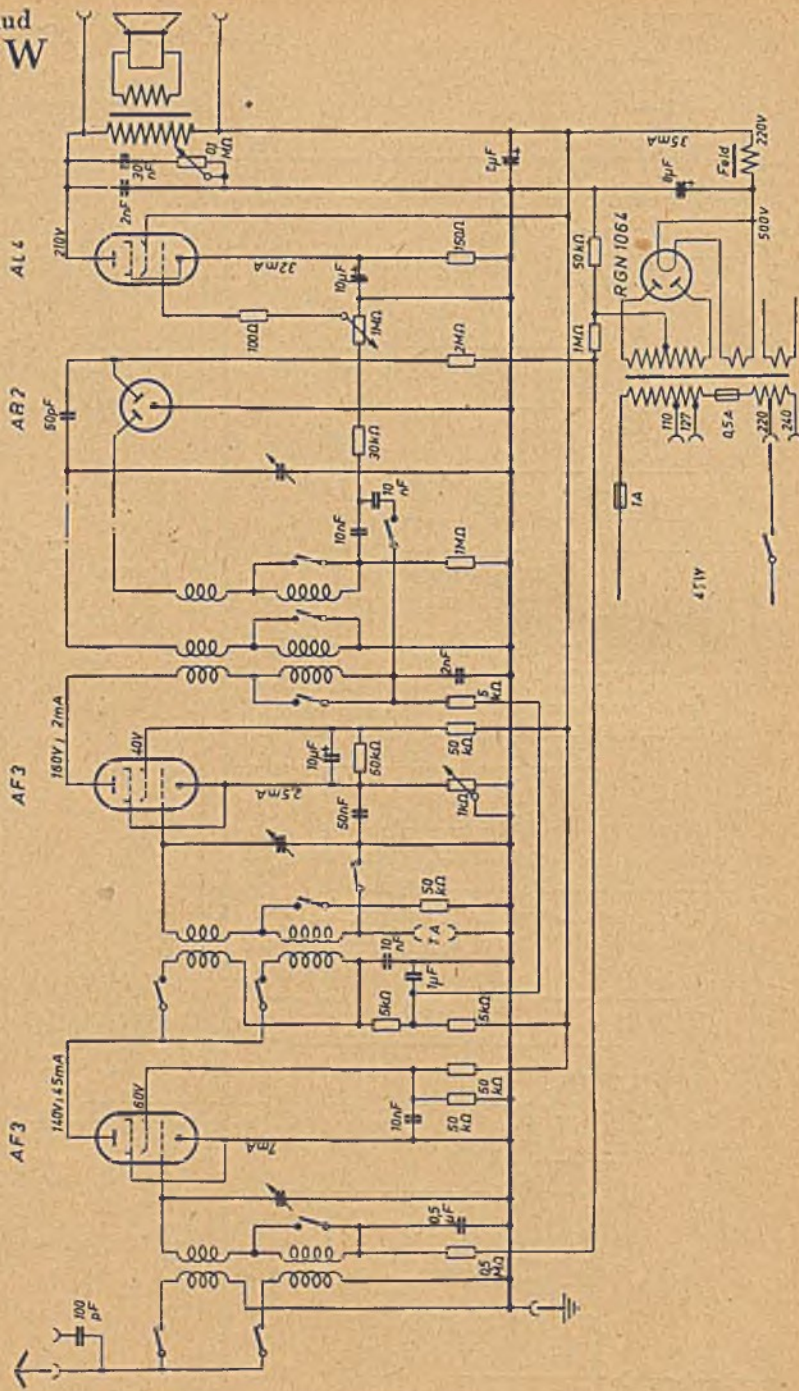


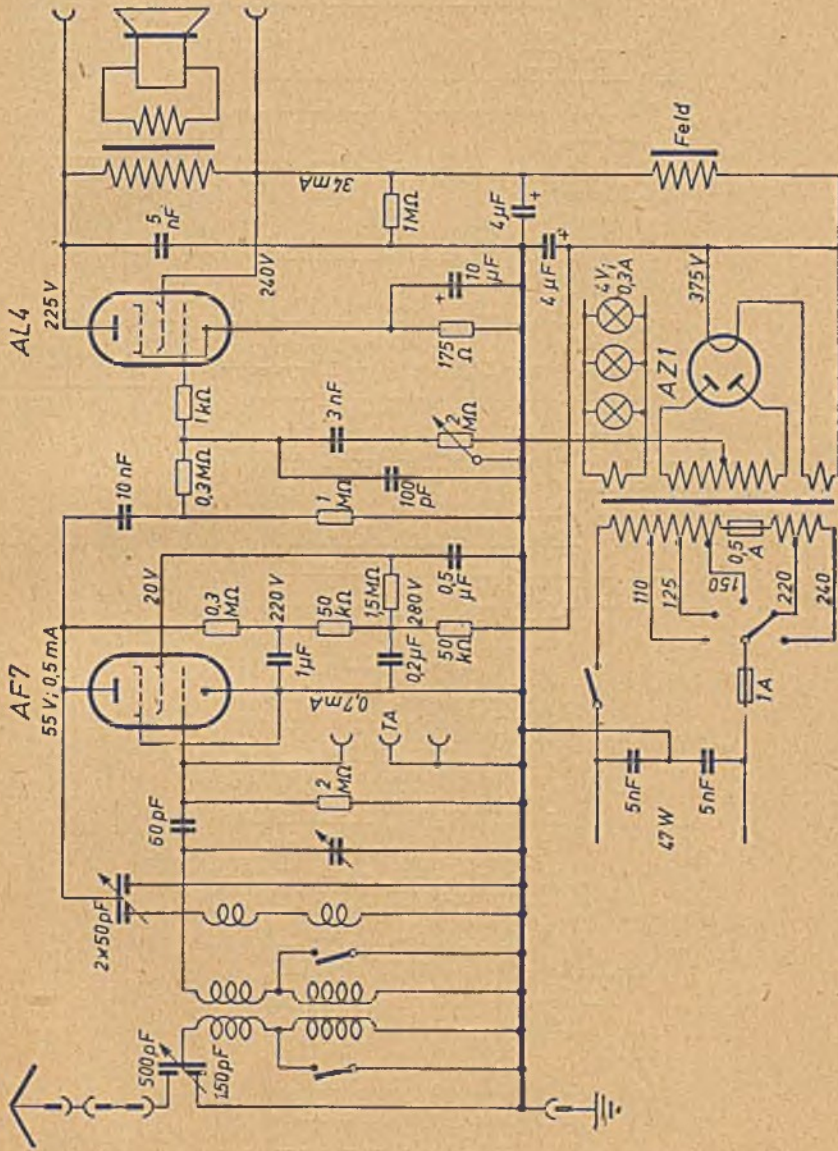
Emud 42 GW Record

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Katedra Elektroniki Przemysłowej

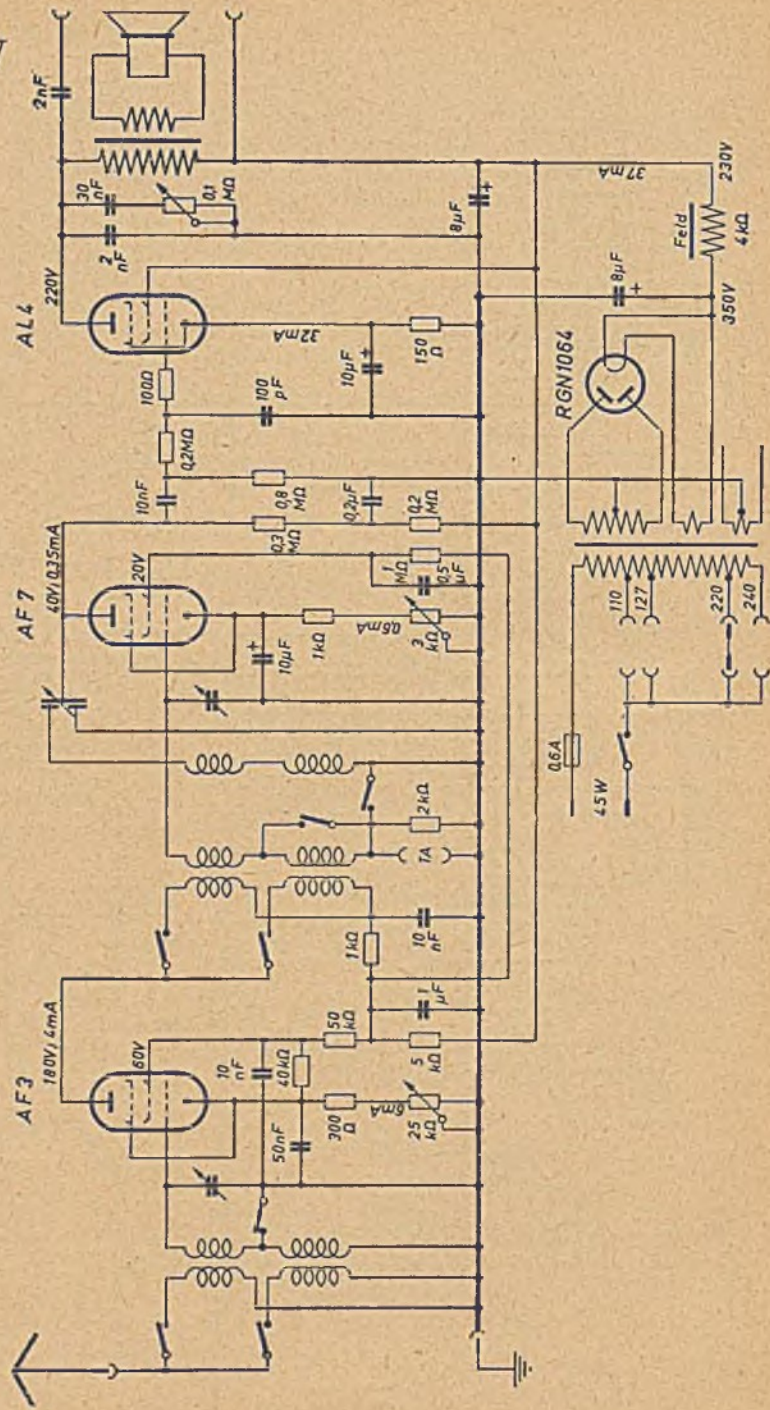


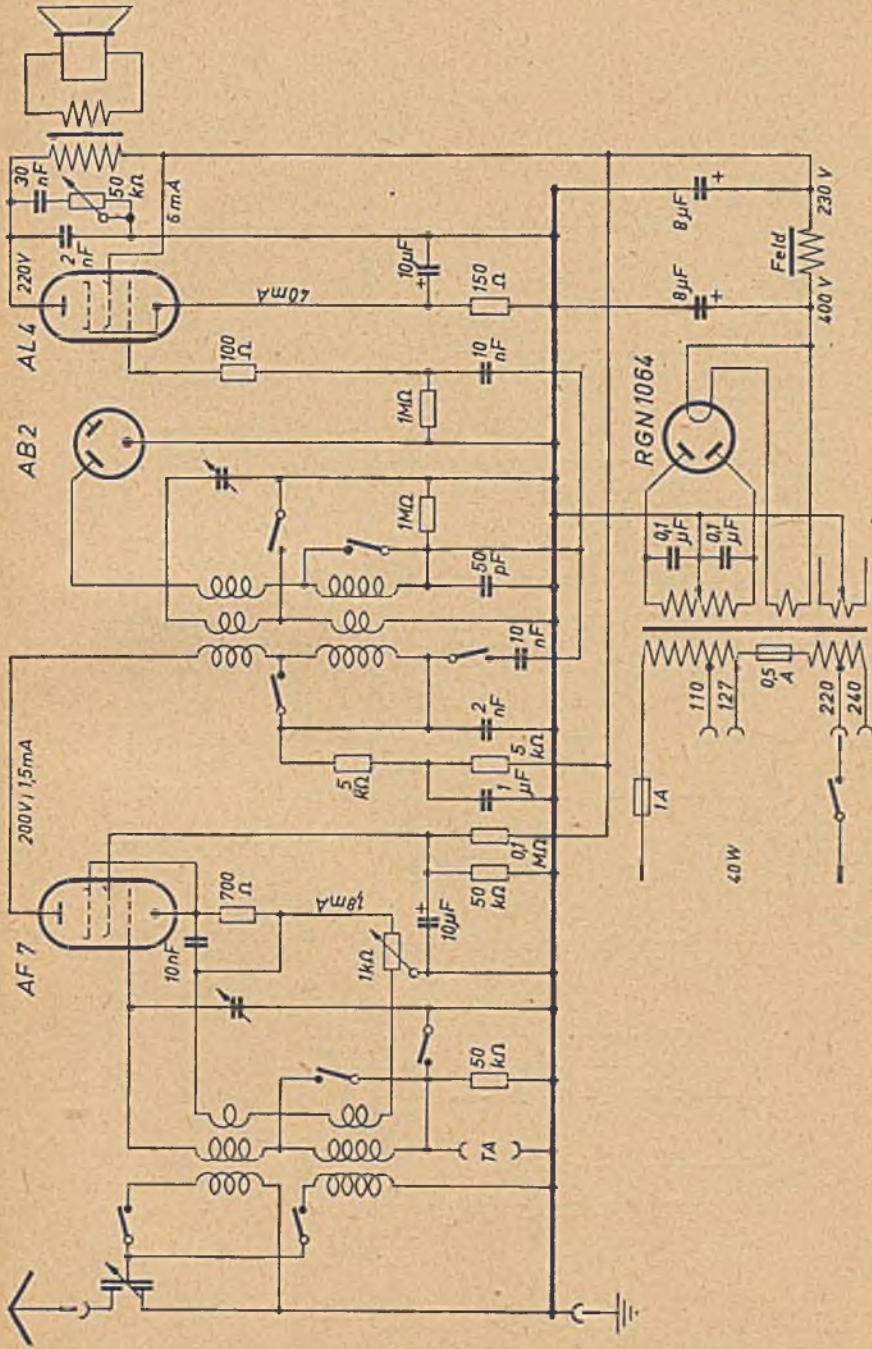
Emud
33 W

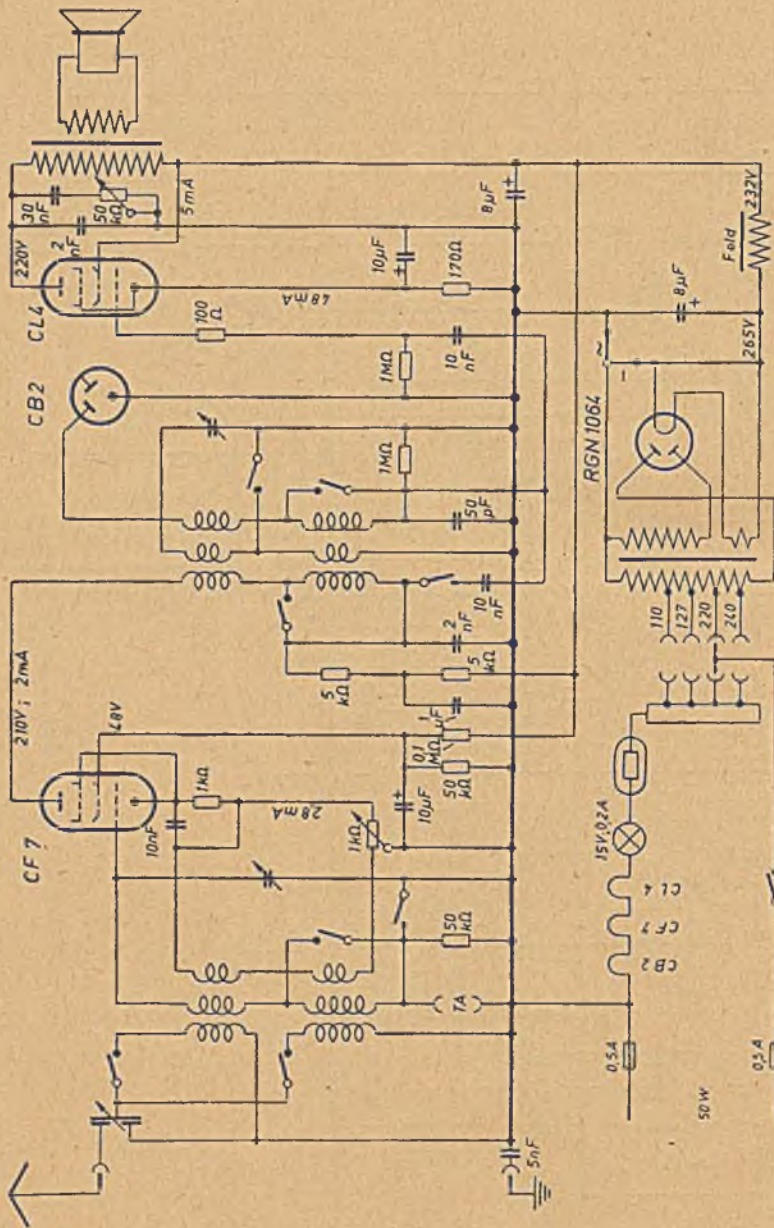




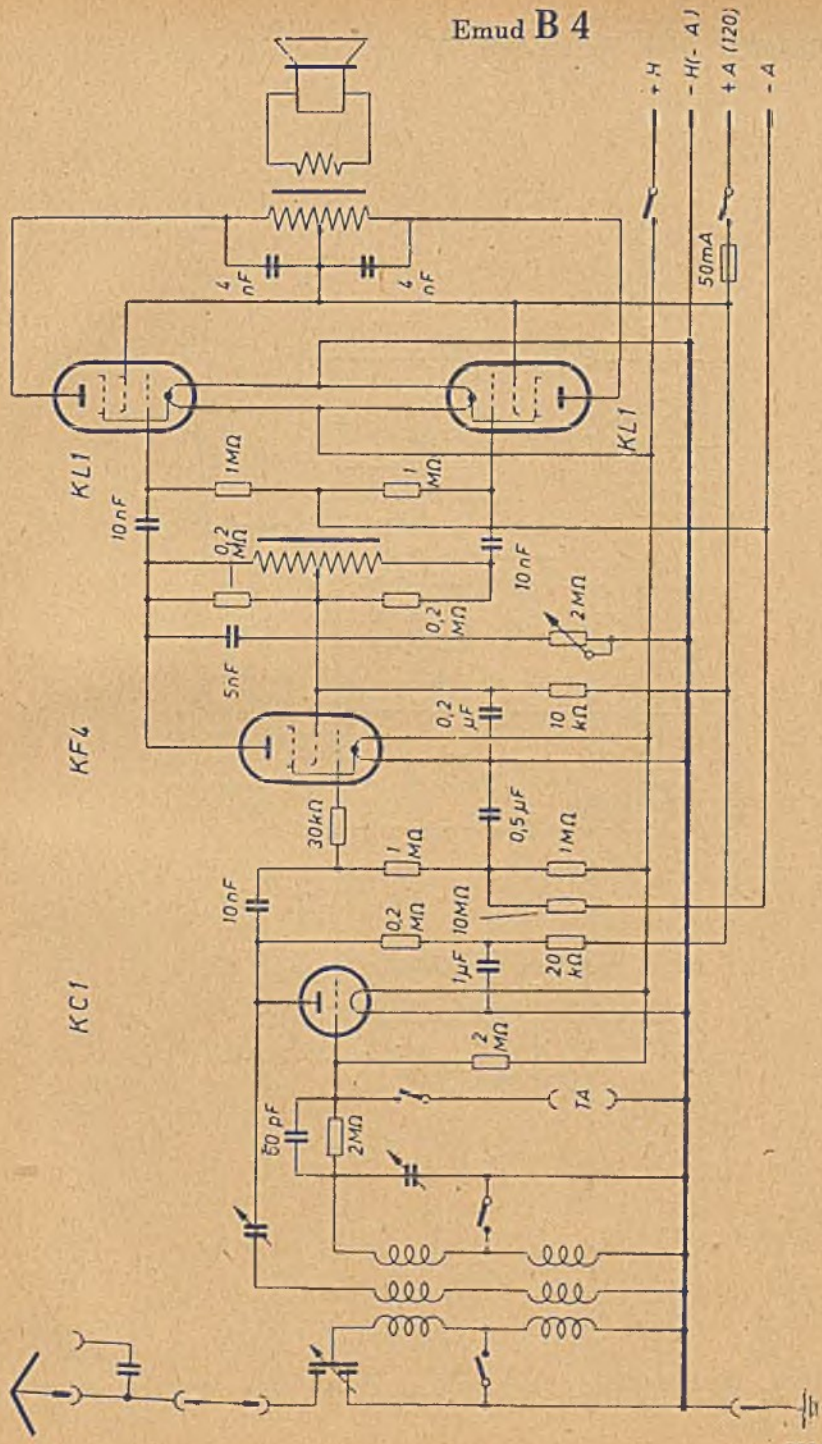
Emud
23 W



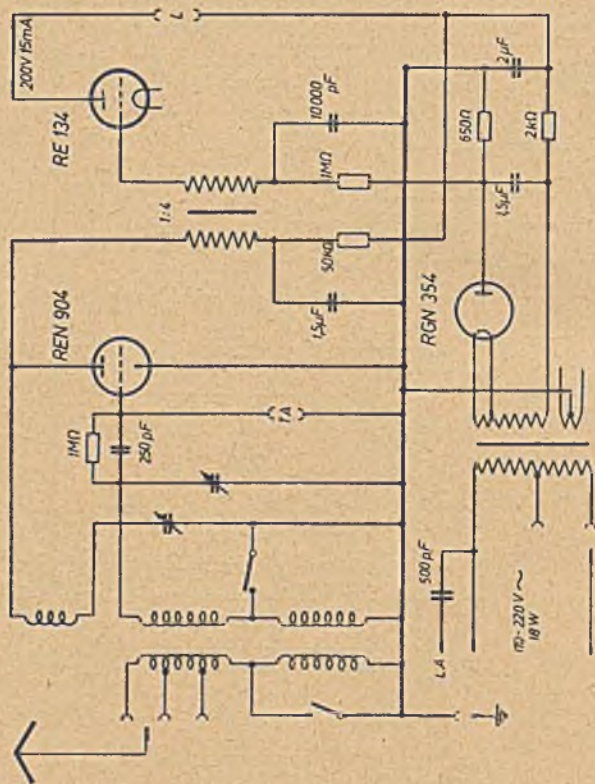


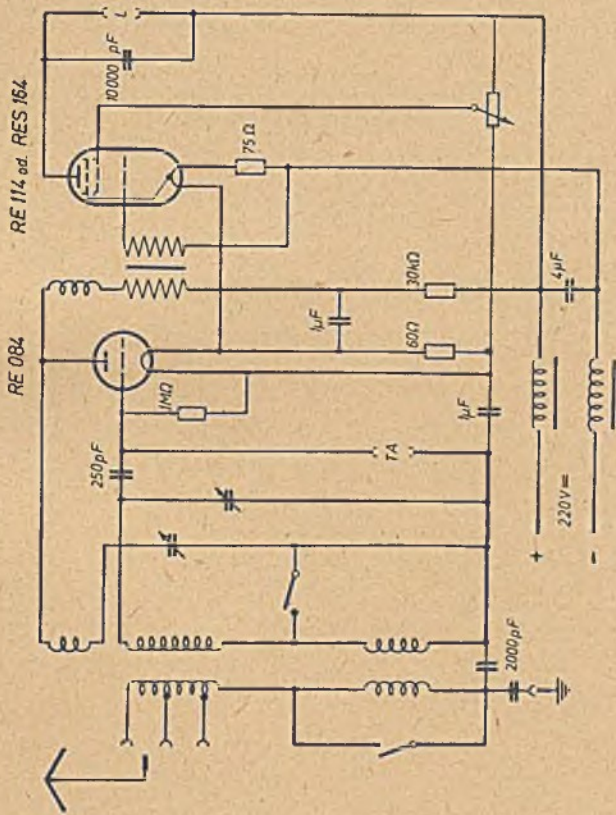


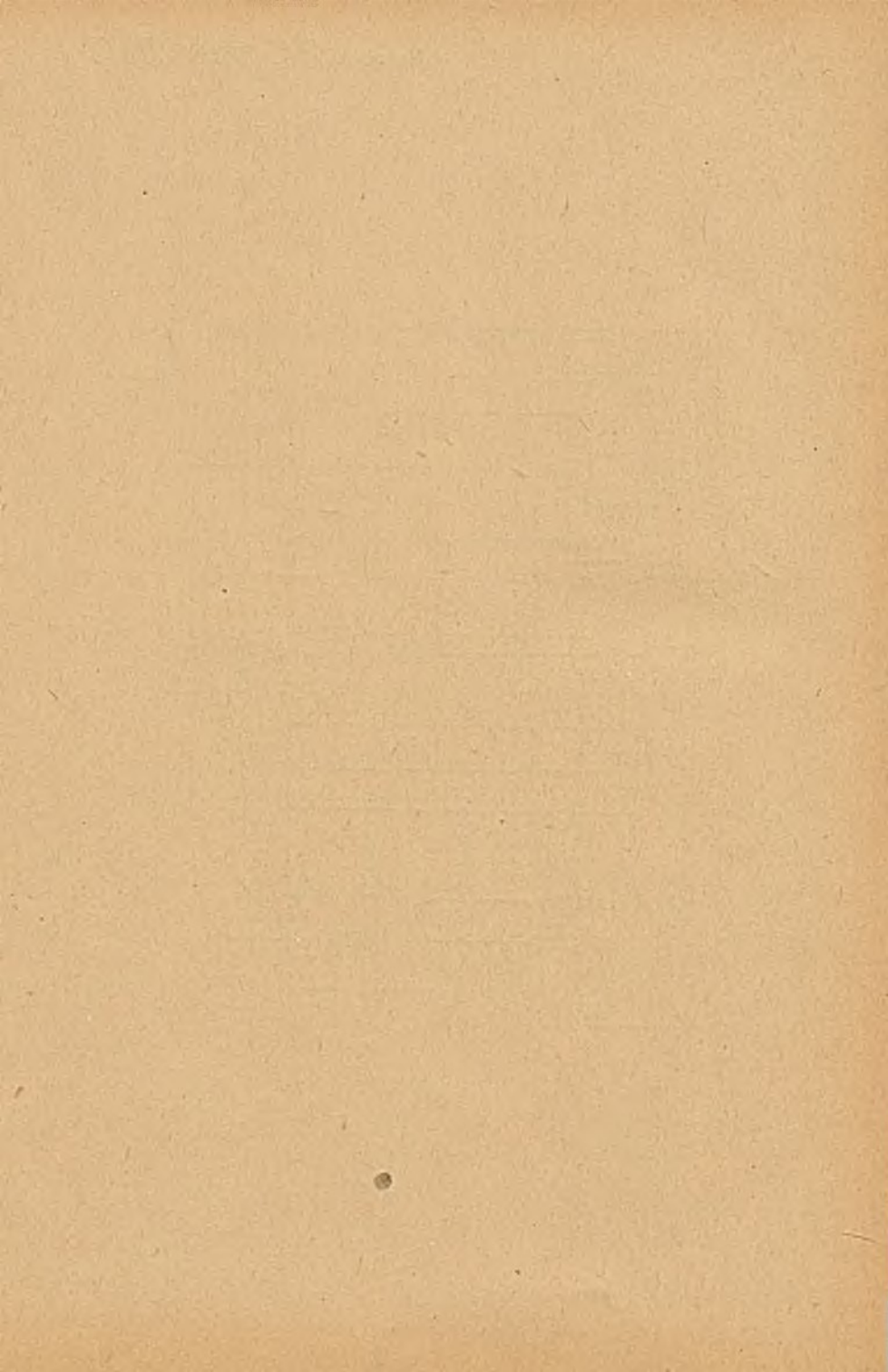
Emud B 4



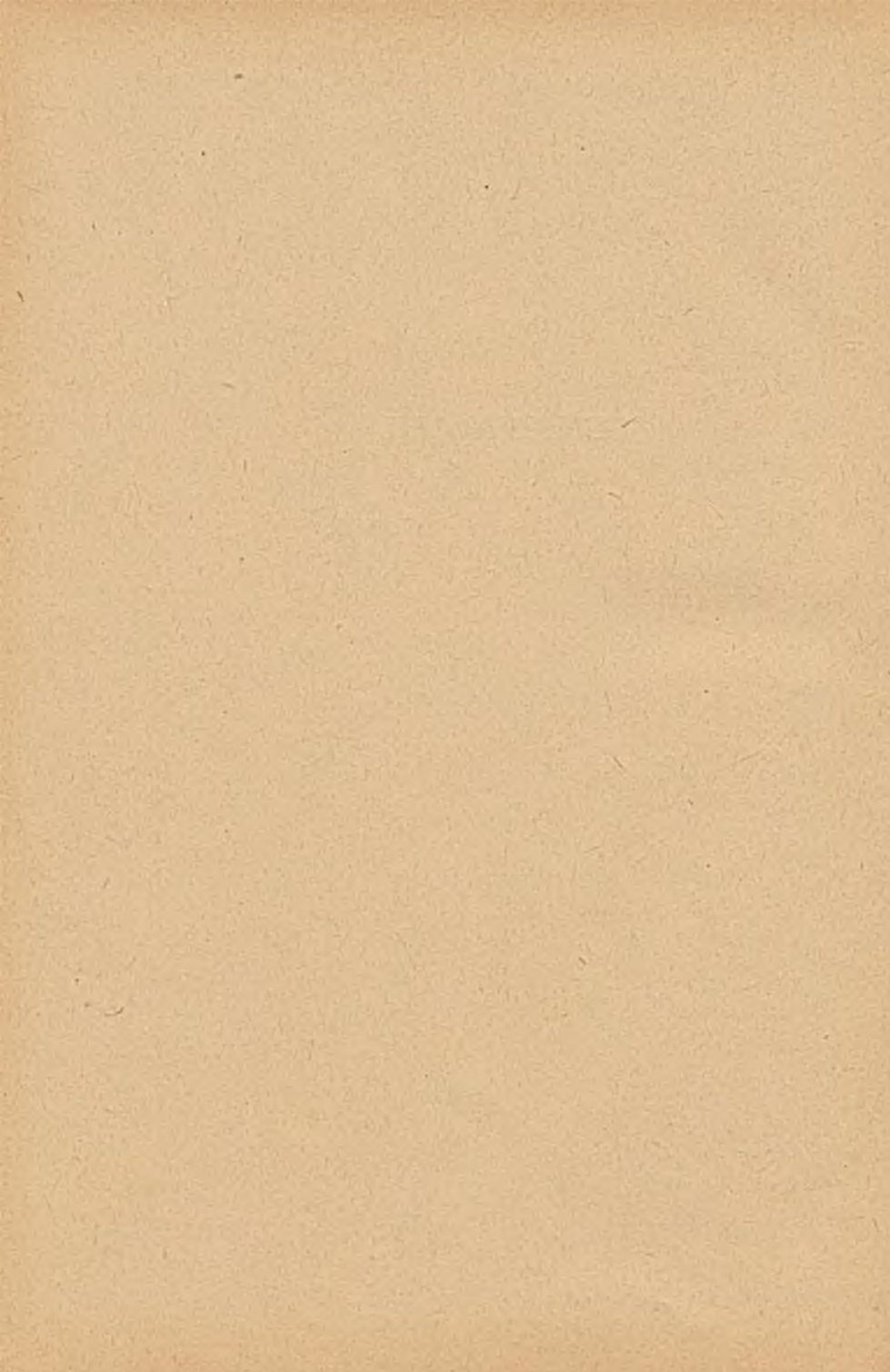
Emud L 2 W und 200 W

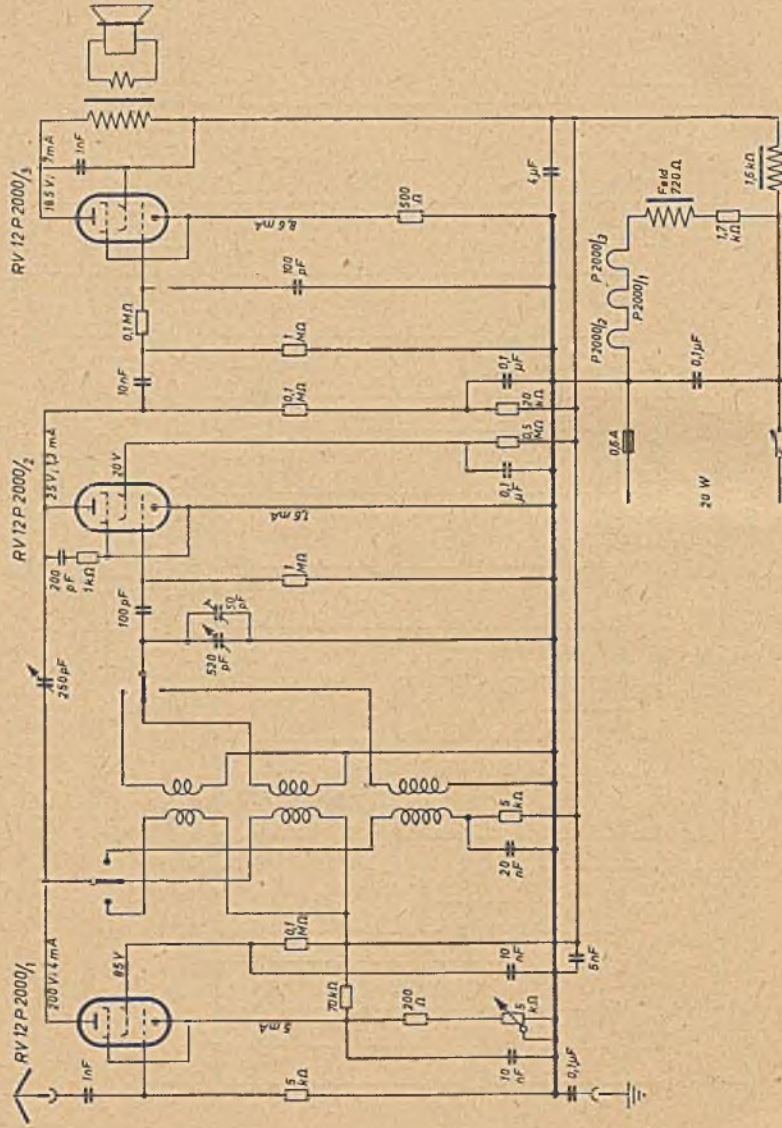






FUNKSTRAHL





Folgende Firmen sind in der Schaltbildersammlung enthalten:

• AEG	Lange	Stern-Radio Berlin
• Äola	Lembeck	VEB (Phonetika)
• Akkord	Loewj/Opta	Stern-Radio Leipzig
• Atlas	Lorenz	VEB (Opta)
• Blaupunkt	LTP	Stern-Radio Rochlitz
• Blohm	Lumophon	VEB (Graetz)
• Brandt	Mende	Stern-Radio Staßfurt
• Braun	Meßgerätebau	VEB (Staßfurt)
• Continental	Metz	RFW
• DTW	MEW	Riweco
• Elbeg	Niemann	Rohde u. Schwarz
• Elbia	Nora	Ruwel
• Eleophon	Nord-Mende	Saba
• Elektro-Apparate-Fabrik	Opta-Spezial	Sachsenwerk
• Küppelsdorf	Owin	Schaleco
• Elektro-Apparate-Werke	Pellegaschetti	Schaub
• Treptow	Philips	Seibt
• Elmug	Radio-Union	Siemens
• Eltra	Reico	Star
• Emud	Rema	Staßfurt
• Funkstrahl		Staudigl
Gemeinschafts-Empfänger	<i>RFT:</i>	Südfunk
• Geta	Fernmeldewerk Arnstadt	TAK
• Graetz	VEB (Siemens)	Tefag
• Graßmann	Fernmeldewerk Treptow	Tefu
• Grundig	VEB (Graetz)	TEKADE
• Haco	Funkwerk Dresden	Telefunken
• Hagenok	VEB (Mende)	Tonfunk
• Huth	Funkwerk Källeda	Waldschmidt
• Jotha	VEB (Neutro-Werk)	Wandel und Goltermann
• Jungmann	Funkwerk Leipzig	Wega
• Klangfilm	VEB (Körting)	Willisen
• Körting	Funkwerk Zittau-Olbers-	Wobbe
• Krefft	dorf VEB (Seibt)	

Firmen in Österreich:

Eumig	Kapsch	Radione
Hornophon	Krischker	Zehetner
Ingelen	Minorva	Zerdik

Die mit einem ■ versehenen Firmen sind in diesem Band enthalten

FACHBUCHVERLAG GMBH LEIPZIG



Im gleichen Verlag erscheint:

ABLEITUNGEN UND FORMELN DER FUNK- UND FERNMELDETECHNIK

Von Ing. Hans Werner Fricke

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Mathematische Grundlagen

136 Seiten mit 46 Abbildungen · DIN C 5 · Hlw. DM 6,20

Aus dem Inhalt: Potenzen und Wurzeln · Proportionen · Lineare und quadratische Gleichungen · Logarithmus · Exponentialfunktion · Entwicklung einer logarithmischen Teilung · Arithmetische und geometrische Reihe · Bogen- und Gradmaß · Trigonometrie · Differentialrechnung · Integralrechnung · Imaginäre und komplexe Zahlen · Zeitkonstante

Band II

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201 Seiten mit 103 Abbildungen · DIN C 5 · Hlw. DM 7,80

Aus dem Inhalt: Elementare Berechnung der Resonanzkreise · Symbolische Berechnung der Resonanzkreise, des Transformators und des Bandfilters · Mathematische Grundlagen zur rechnerischen Auswertung von Oszillogrammen · Mathematische Grundlagen der Nomogramme

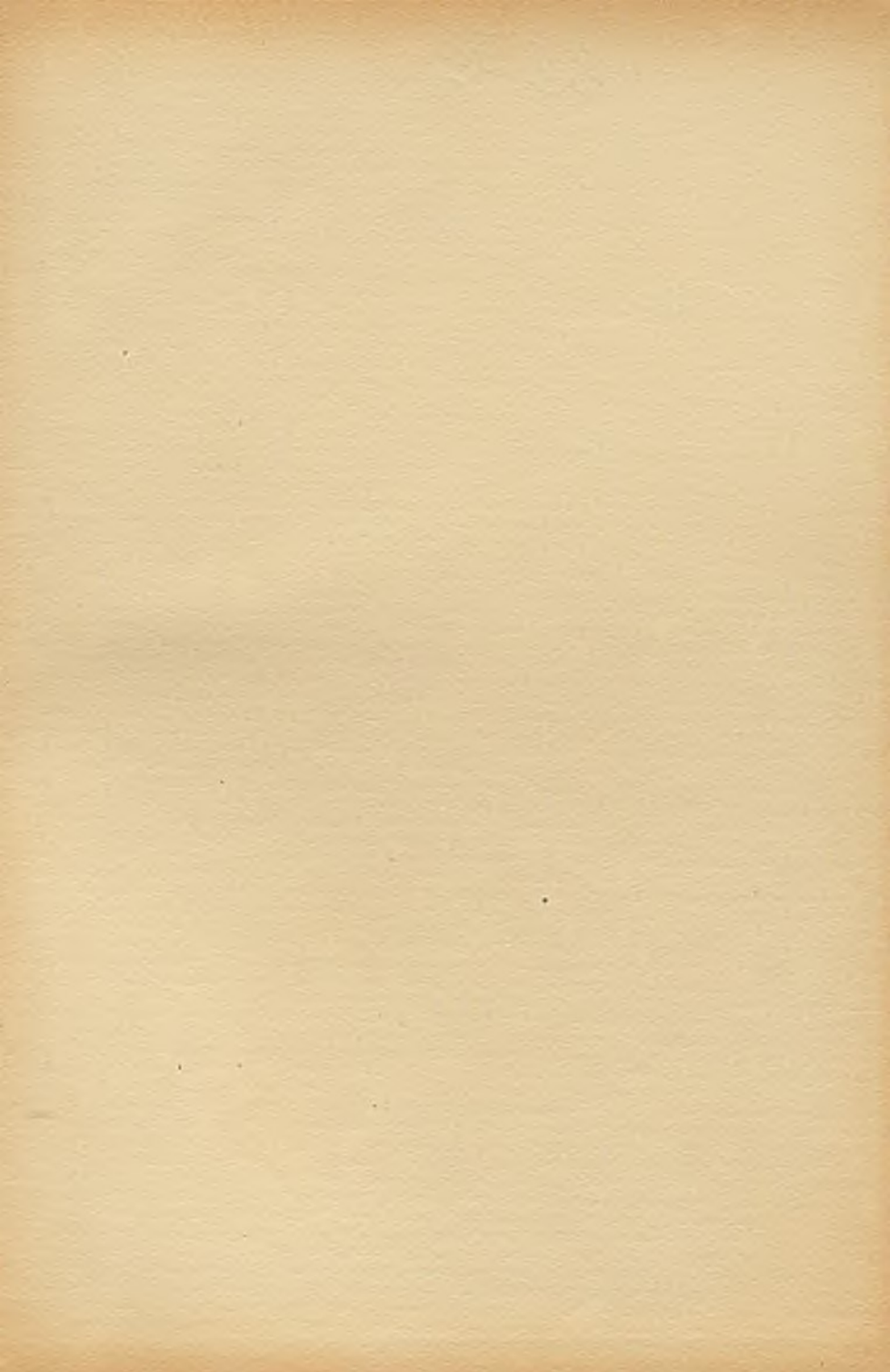
Für Funk- und Fernmeldetechniker ist die Beherrschung der mathematischen Grundlagen ihres Berufes die unentbehrliche Voraussetzung dafür, daß sie exakte und zeitsparende neue Arbeitsmethoden entwickeln können.

In übersichtlicher Form vermittelt der erste Band die notwendigen Kenntnisse. Als Anhang sind die Tafeln der trigonometrischen Funktionen, der Hyperbel- und natürlichen Exponentialfunktionen sowie die Mantissen der Briggschen Logarithmen beigegeben.

Der zweite Band behandelt die physikalischen Grundlagen des Wechselstromkreises mathematisch und bringt aus dem Gebiet der Wechselstromlehre nur das, was für die Berechnung von Schaltelementen gebraucht wird.

Zu beziehen durch jede Buchhandlung

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