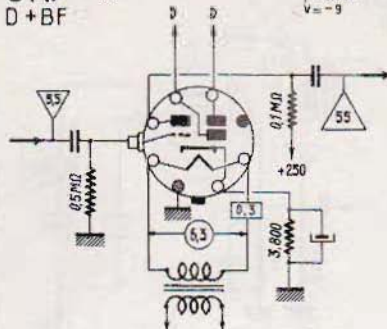


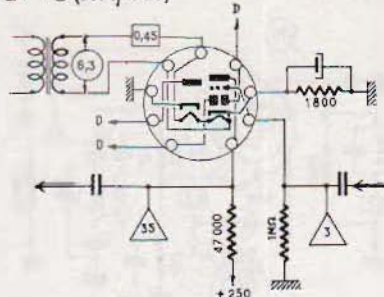
6R7 (0)
D+BF

$S = 1,9$
 $P = 8,500$
 $V = -9$



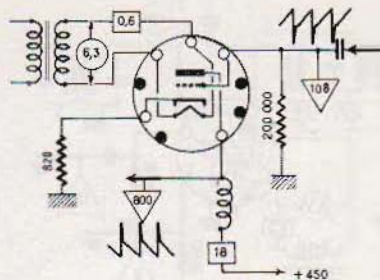
6R8 (N)
BF+D (AM/FM)

$S = 1,9$
 $P = 8,500$
 $V = -5$



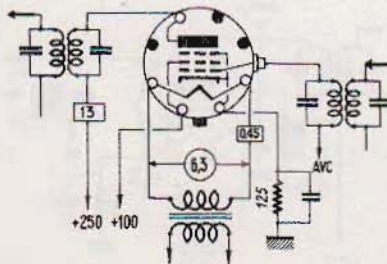
6S4 (N)
HF(T)

$S = 4,5$
 $P = 3,600$
 $V = -8$



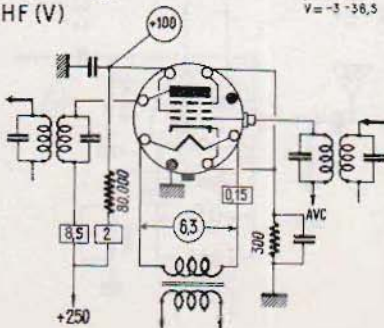
6S6 (0)
HF(V)

$S = 4$
 $P = 0,35 MΩ$
 $V = -2 - 25$



6S7 (0)
HF(V)

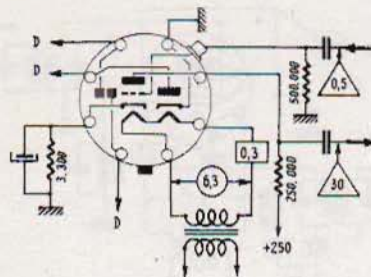
$S = 1,7$
 $P = 1 MΩ$
 $V = -5 - 36,5$



6S2 = EY86
6T8 = EABC80
6U3 = EY80
6V3 = EY81F
6V4 = EZ80

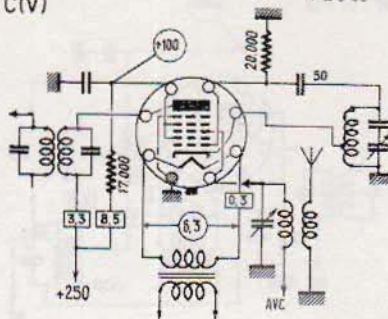
6S8 ①

D+BF (FM)

 $S = 1,1$
 $p = 91,000$
 $V = -1$


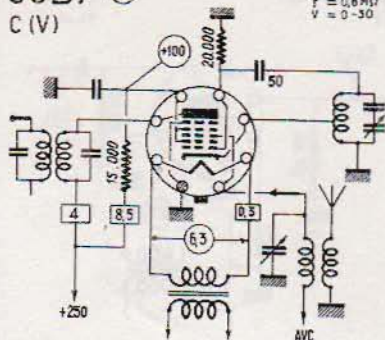
6SA7 ①

C (V)

 $S = 0,45$
 $p = 1 M\Omega$
 $V = 0-35$


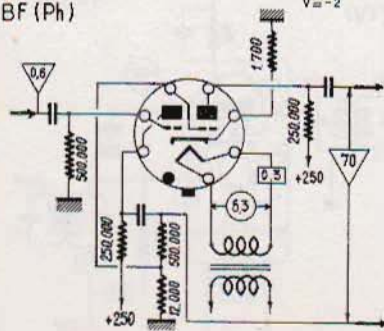
6SB7 ①

C (V)

 $S = 0,88$
 $p = 0,8 M\Omega$
 $V = 0-30$


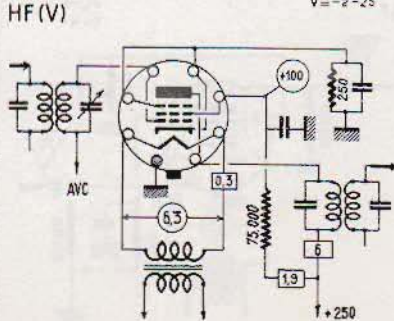
6SC7 ①

BF (Ph)

 $S = 13,25$
 $p = 53,000$
 $V = -2$


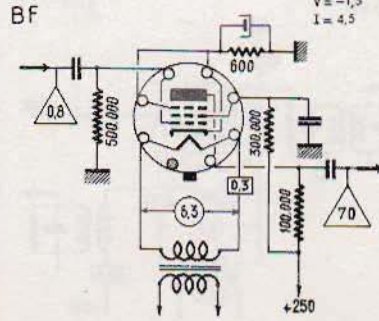
6SD7 ①

HF (V)

 $S = 3,6$
 $p = 1 M\Omega$
 $V = -2-25$


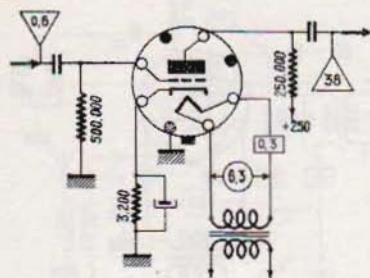
6SE7 ①

BF

 $S = 3,4$
 $p = 1,1 M\Omega$
 $V = -1,5$
 $I = 4,5$


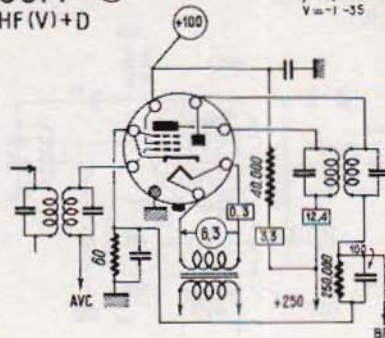
6SF5 ①

BF

 $S = 1.5$
 $P = 86,000$
 $V = -2$


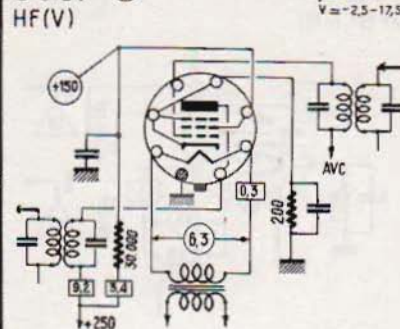
6SF7 ①

HF(V)+D

 $S = 2$
 $P = 0.7 \text{ M}\Omega$
 $V = -1 \sim -35$


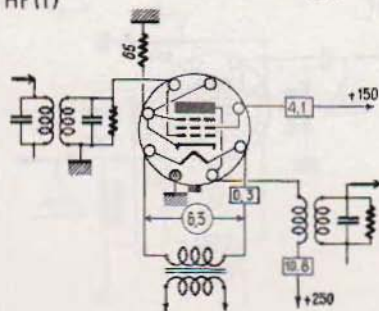
6SG7 ①

HF(V)

 $S = 4$
 $P = 1 \text{ M}\Omega$
 $V = -2.5 \sim -17.5$


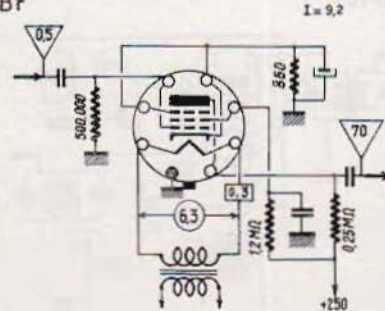
6SH7 ①

HF(T)

 $S = 4.9$
 $P = 0.9 \text{ M}\Omega$
 $V = -1$


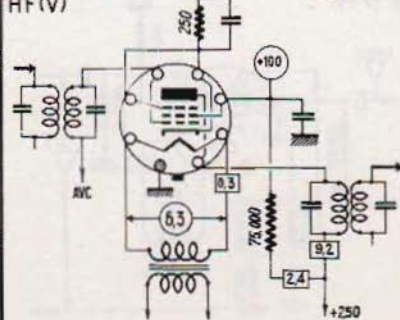
6SJ7 ①

BF

 $S = 1.6$
 $P = 1.5 \text{ M}\Omega$
 $V = -3$
 $I = 9.2$


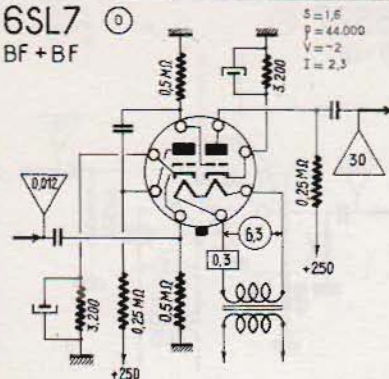
6SK7 ①

HF(V)

 $S = 2$
 $P = 0.8 \text{ M}\Omega$
 $V = -3 \sim -55$


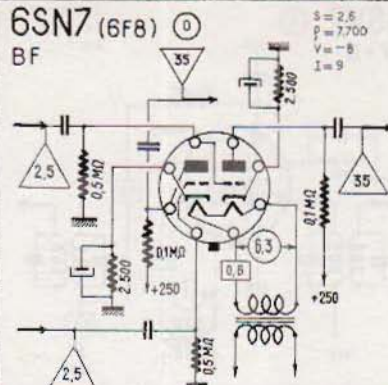
6SL7

BF + BF



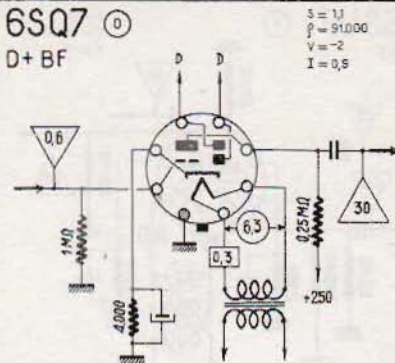
6SN7 (6F8)

BF



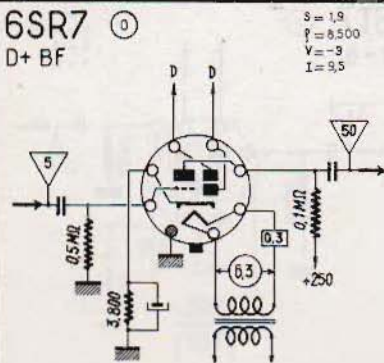
6SQ7

D + BF



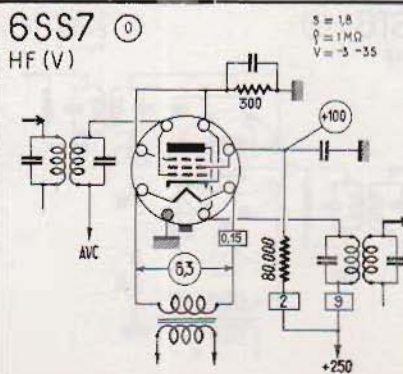
6SR7

D + BF



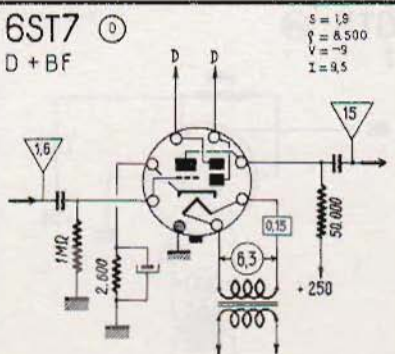
6SS7

HF (V)



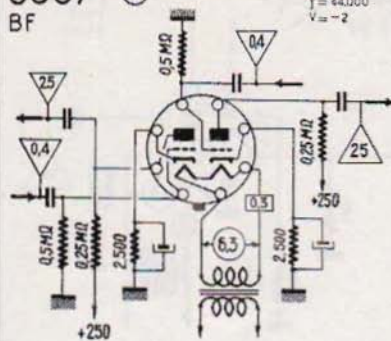
6ST7

D + BF



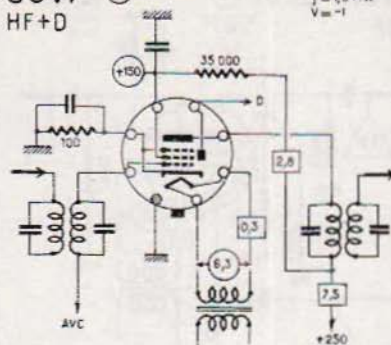
6SU7 ①

BF

 $S = 1,6$
 $\mu = 44.000$
 $V_{m} = -2$


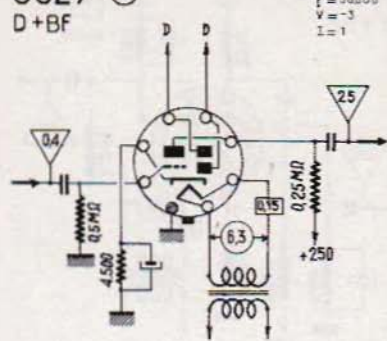
6SV7 ①

HF+D

 $S = 5,6$
 $\mu = 1,5 M\Omega$
 $V_{m} = -1$


6SZ7 ①

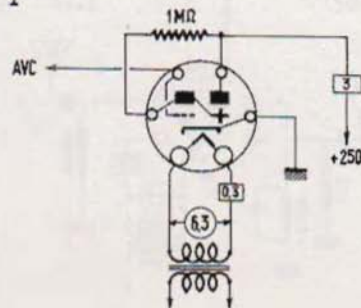
D+BF

 $S = 1,2$
 $\mu = 58000$
 $V_{m} = -3$
 $I = 1$


6T5 ①

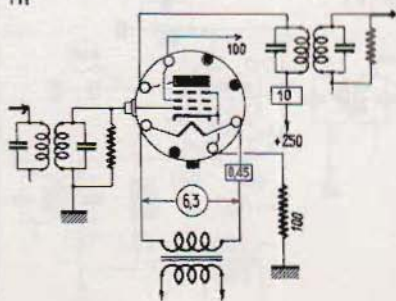
US

I

 $V_{m} = 0-22$


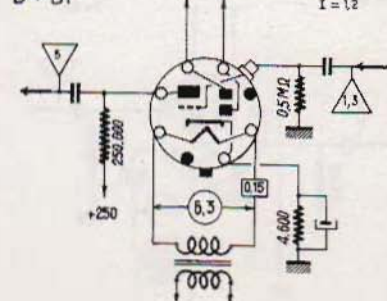
6T6 ①

HF

 $S = 5,5$
 $\mu = 1 M\Omega$
 $V_{m} = -1$


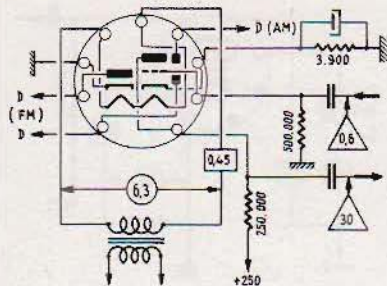
6T7 ①

D+BF

 $S = 1$
 $\mu = 62000$
 $V_{m} = -3$
 $I = 1,2$


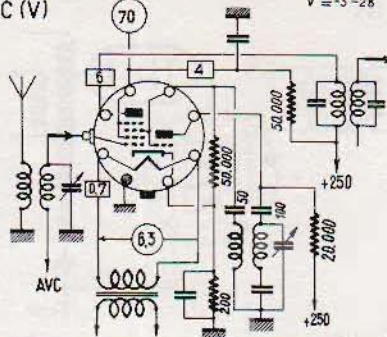
6T8 (AM/FM) (N)

D + BF

 $S = 1,2$
 $P = 58,000$
 $V = -3$


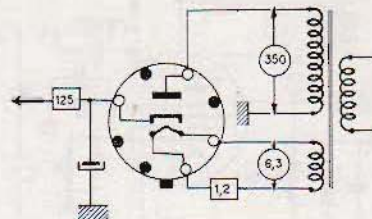
6TH8

C (V)

 $S = 0,8$
 $P = 1M\Omega$
 $V = -3-28$


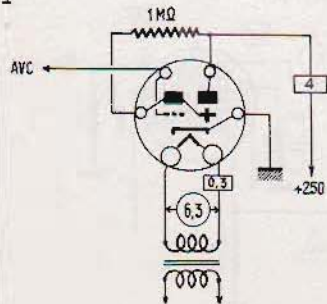
6U4 (O)

R



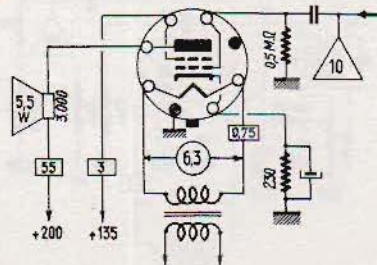
6U5/6G5 (US)

I

 $V = 0-22$


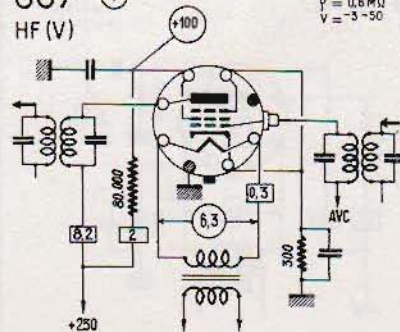
6U6 (O)

P

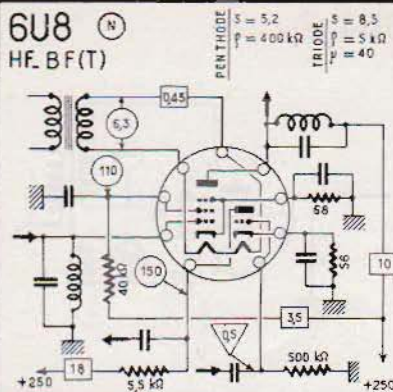
 $S = 5,2$
 $P = 20000$
 $V = -14$


6U7 (O)

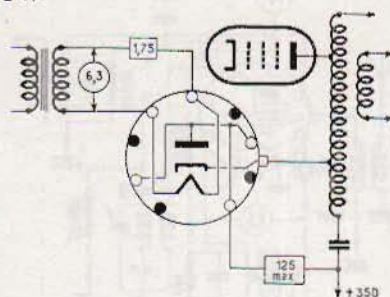
HF (V)

 $S = 1,6$
 $P = 0,6M\Omega$
 $V = -3-50$


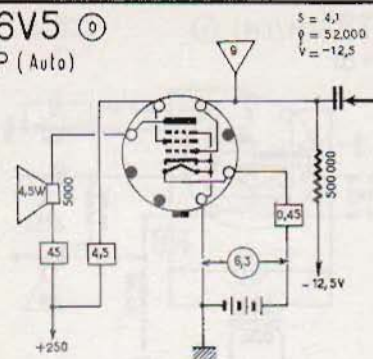
6U8 (N)
HF, BF(T)



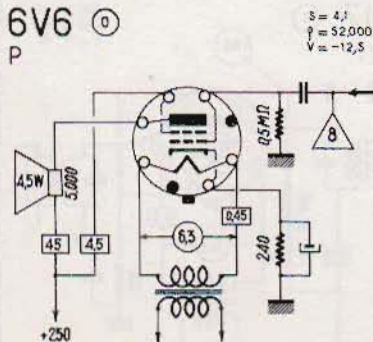
6V3 (N)
D(T)



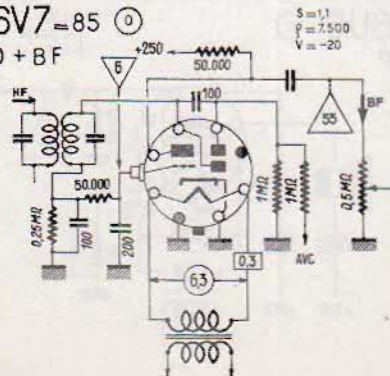
6V5 (O)
P (Auto)



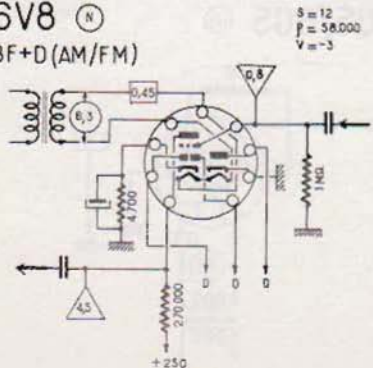
6V6 (O)
P



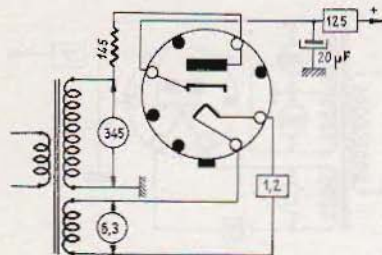
6V7-85 (O)
D + BF



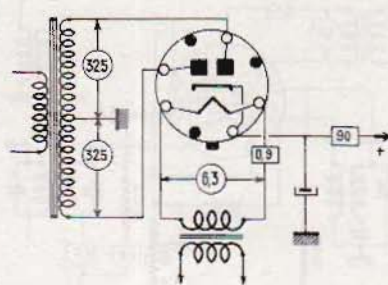
6V8 (N)
BF+D(AM/FM)



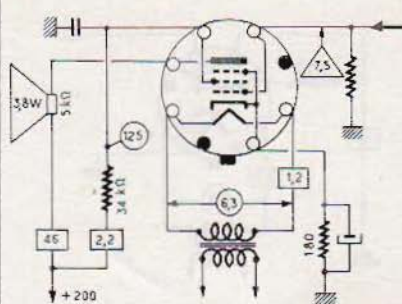
6W4 (T)



6W5 (T)



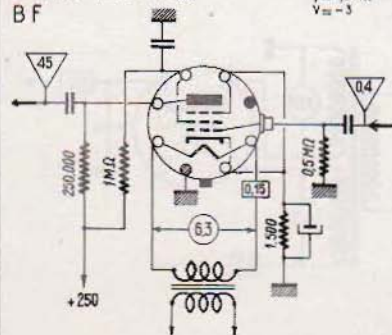
6W6 (T)



6W7 (6J7) (T)

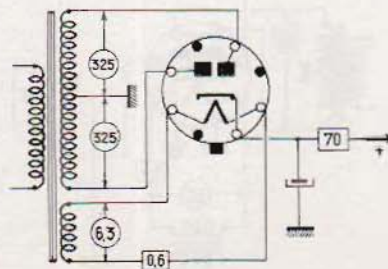
BF

$S = 1.22$
 $P = 1.5 \text{ M}\Omega$
 $V = -3$



6X5 (T)

R

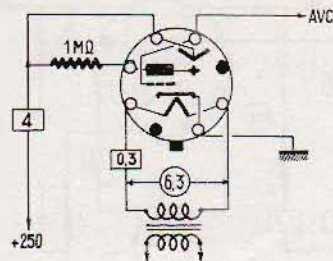


6X2 = EY51
6X4 = EZ90
7AN7 = PCC84

6X6 (6E5) ①

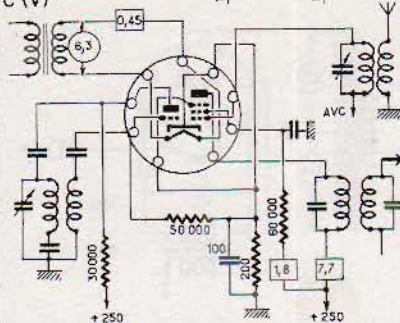
V = 0 - 8

I



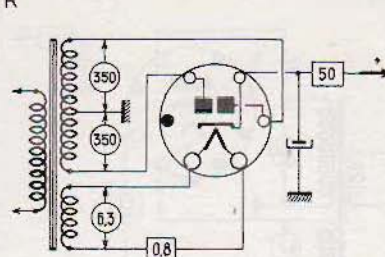
6X8 ①

C (V)



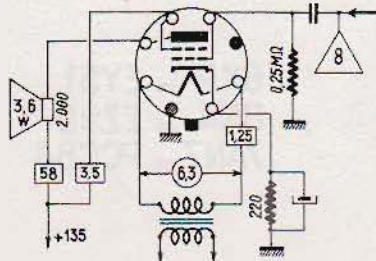
6Y5 ①

R



6Y6 ①

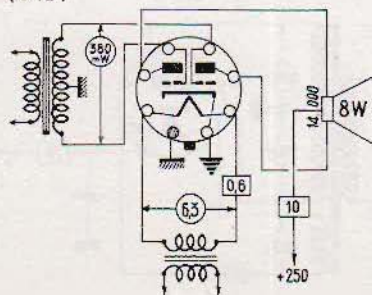
P

S = 7
P = 9300
V = -13.5

6Y7 (79) ①

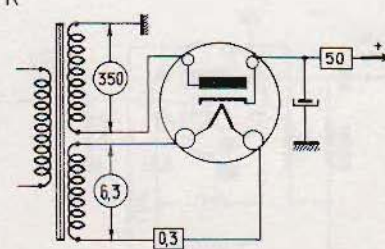
P (C.I.B)

V = 0



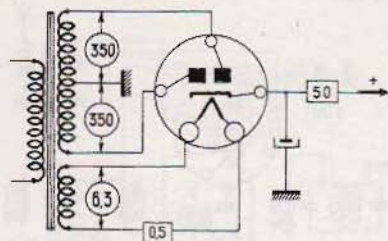
6Z3 ①

R



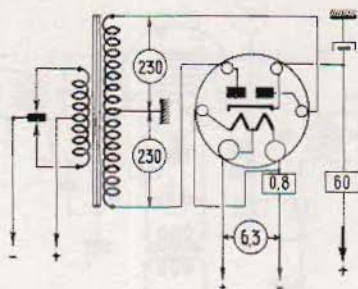
6Z4 (U)

R



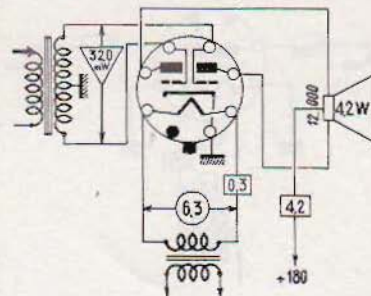
6Z5 (U)

R



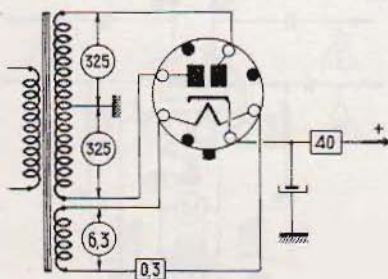
6Z7 (C)

P(CI.B)



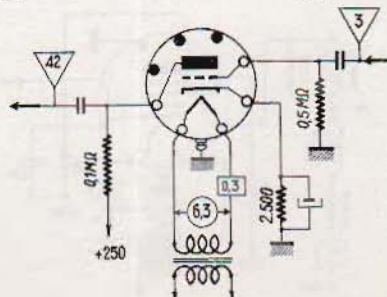
6ZY5 (C)

R



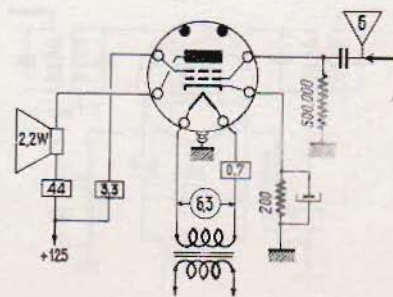
7A4 (6J5) (L)

BF

 $s = 2.6$
 $p = 7.700$
 $v = -6$
 $i = 9$


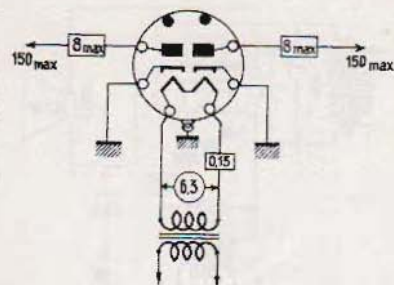
7A5 (L)

P

 $i = 5$
 $p = 17.000$
 $v = -9$


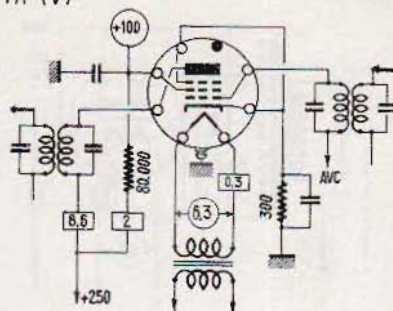
7A6 (6H6) Ⓛ

D



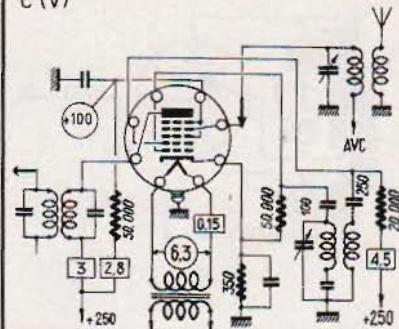
7A7 (6SK7) Ⓛ

HF (V)

 $S = 2$
 $P = 0.8 \text{ M}\Omega$
 $V = -3 \sim -3.5$


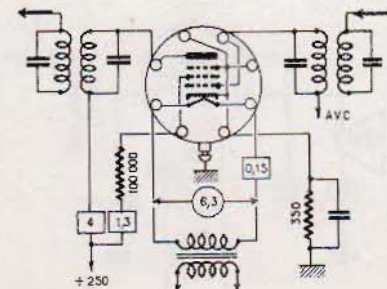
7A8 (6A8) Ⓛ

C (V)

 $S_c = 0.6$
 $P = 0.7$
 $V = -3 \sim -3.5$


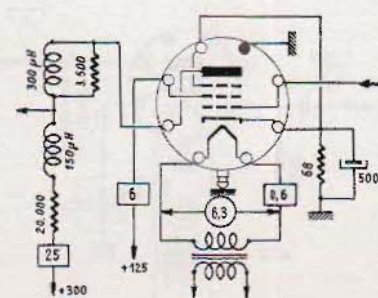
7AB7 Ⓛ

HF

 $S = 1.8$
 $P = 0.5 \text{ M}\Omega$
 $V = -2 \sim -18$


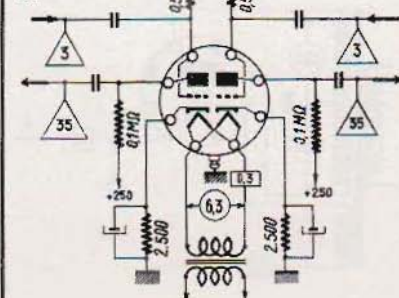
7AD7 Ⓛ

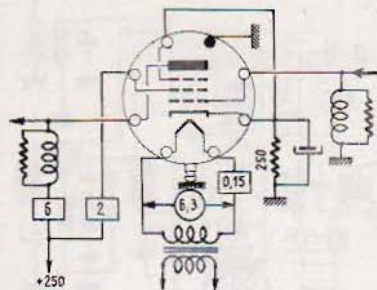
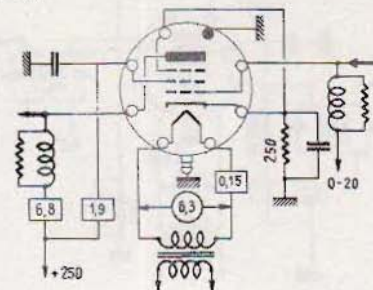
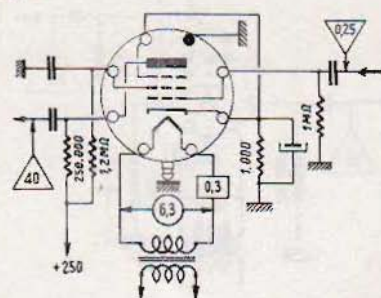
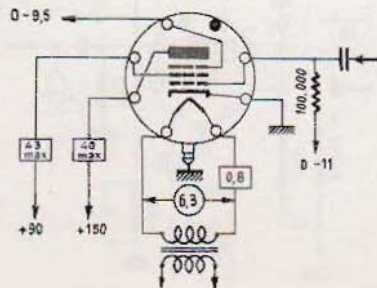
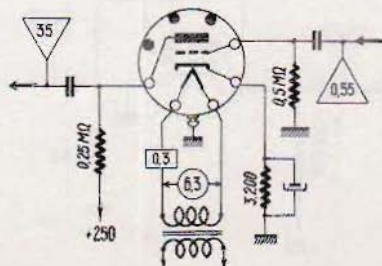
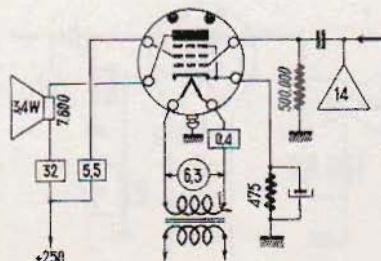
HF (T)

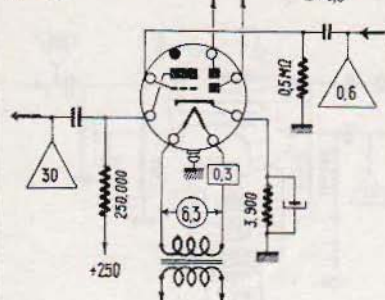
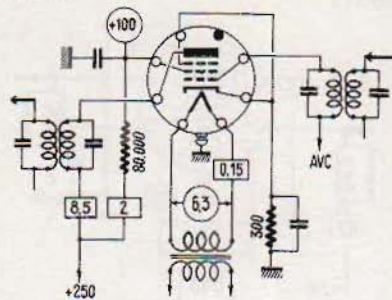
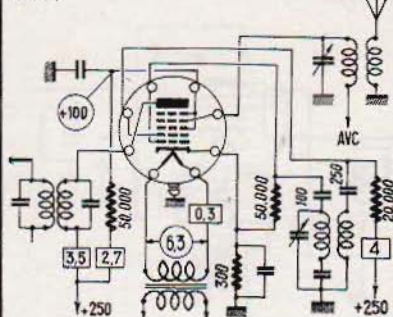
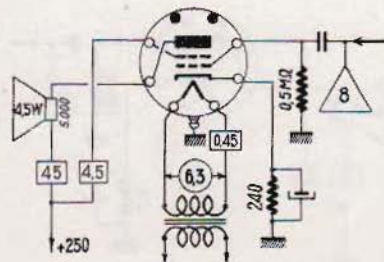
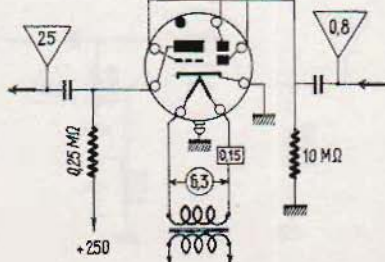
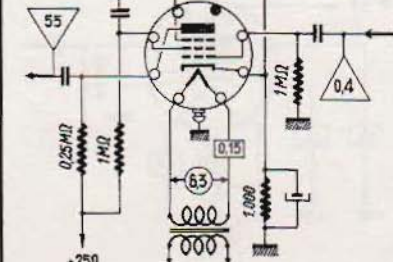
 $S = 9.5$
 $P = 0.3 \text{ M}\Omega$
 $V = -3$


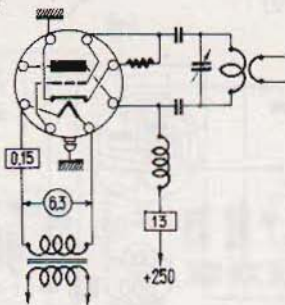
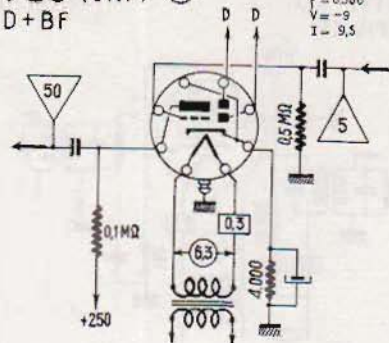
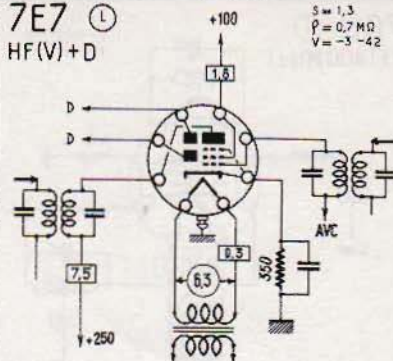
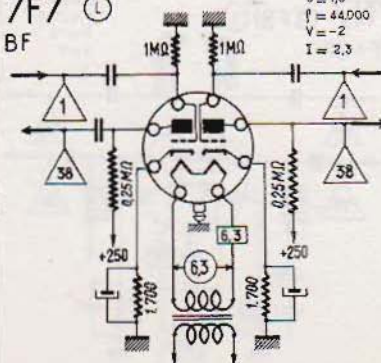
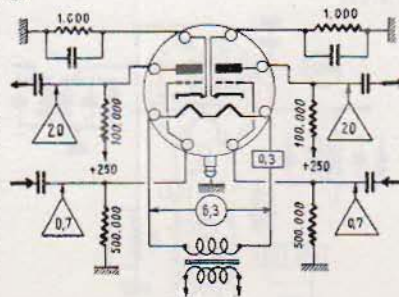
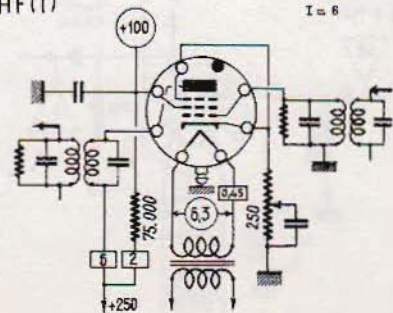
7AF7 Ⓛ

BF

 $S = 2.1$
 $P = 7.600$
 $V = -10$


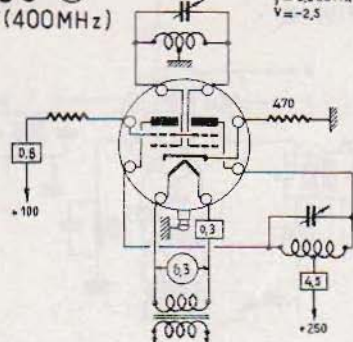
7AG7 (L)
HF (T)
 $S = 4.2$
 $P = 1 \text{ M}\Omega$
 $V = -2$
7AH7 (L)
HF (T)
 $S = 3.3$
 $P = 1 \text{ M}\Omega$
 $V = -2 -30$
7AJ7 (6SJ7) (L)
BF
 $S = 1.57$
 $P = 1 \text{ M}\Omega$
 $V = -3$
7AK7 (L)
HF (T)
 $S = 6.5$
 $P = 11.500$
 $V = 0 - 11$
7B4 (6SF5) (L)
BF
 $S = 1.5$
 $P = 66.000$
 $V = -2$
7B5 (6K6) (L)
P
 $S = 2.3$
 $P = 68.000$
 $V = -18$


7B6 (6SQ7) L
D + BF
 $S = 1,1$
 $P = 91,000$
 $V = -2$
 $I = 0,9$
7B7 L
HF (V)
 $S = 1,7$
 $P = 0,75 \text{ M}\Omega$
 $V = -3-40$
7B8 L
C (V)
 $S_c = 0,55$
 $P = 0,36 \text{ M}\Omega$
 $V = -3-35$
7C5 (6V6) L
P
 $S = 4,1$
 $P = 52,000$
 $V = -12,5$
7C6 (75) L
D + BF
 $S = 1$
 $P = 0,1 \text{ M}\Omega$
 $V = -1$
 $I = 1,5$
7C7 (6J7) L
B F
 $S = 1,3$
 $P = 2 \text{ M}\Omega$
 $V = -3$
 $I = 2$


7E5 (L)
O (VHF)7E6 (6R7) (L)
D+BF
 $S = 1.9$
 $P = 6.500$
 $V = -9$
 $I = 9.5$
7E7 (L)
HF(V)+D
 $S = 1.3$
 $P = 0.7 M\Omega$
 $V = -3 -42$
7F7 (L)
BF
 $S = 1.6$
 $P = 44.000$
 $V = -2$
 $I = 2.3$
7F8 (L)
BF
 $S = 3.3$
7G7 (L)
HF(T)
 $S = 4.5$
 $P = 0.8 M\Omega$
 $V = -2$
 $I = 8$


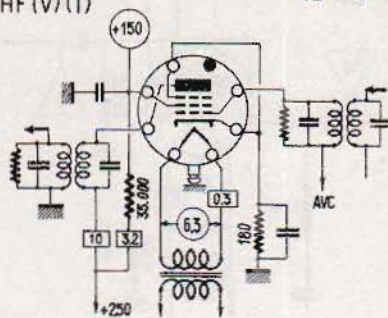
7G8 (L)
HF(400MHz)

$S = 2,7$
 $\rho = 0,2-2,5 \text{ M}\Omega$
 $V = -2,5$



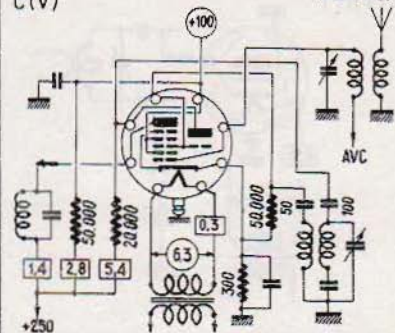
7H7 (L)
HF (V) (T)

$S = 4,2$
 $\rho = 0,8 \text{ M}\Omega$
 $V = -1 -19$



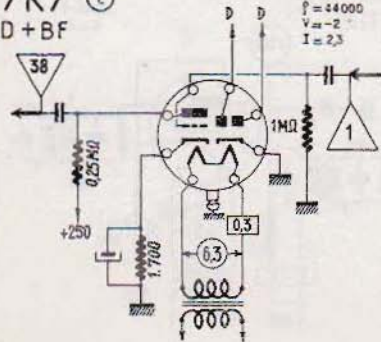
7J7 (L)
C (V)

$S_c = 0,3$
 $\rho = 1,5 \text{ M}\Omega$
 $V = -3 -20$



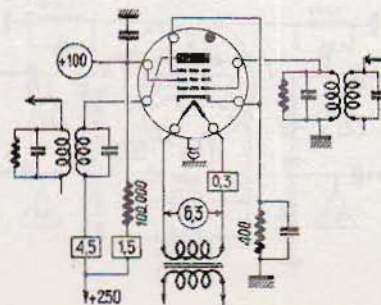
7K7 (L)
D + BF

$S = 1,6$
 $\rho = 44000$
 $V_a = -2$
 $I = 2,3$



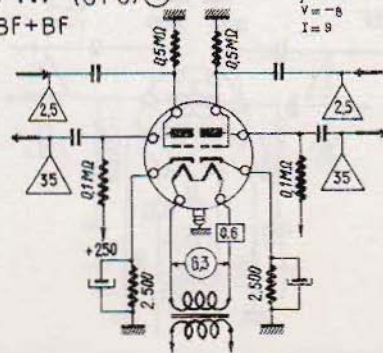
7L7 (L)
HF (T)

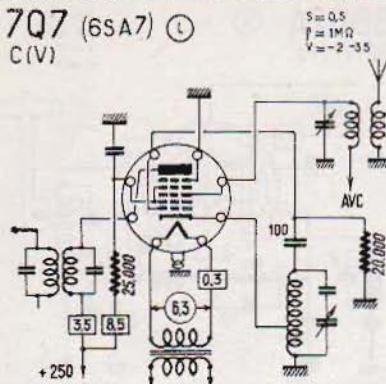
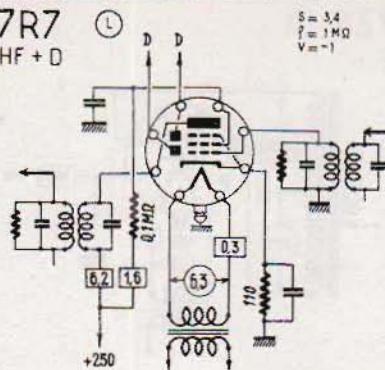
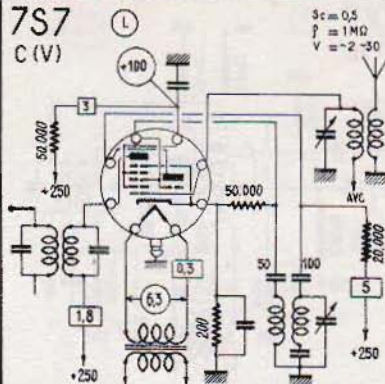
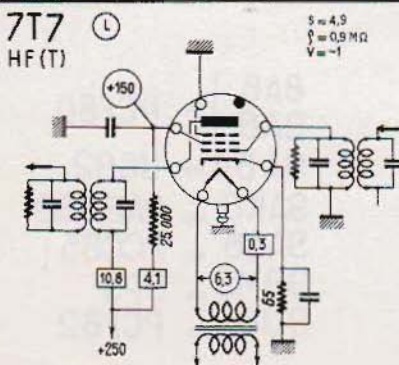
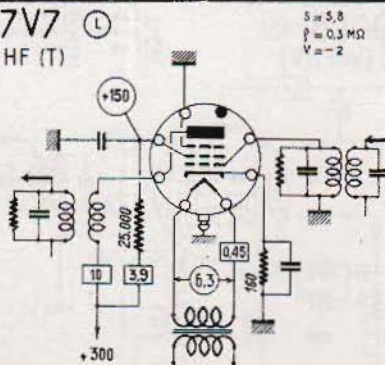
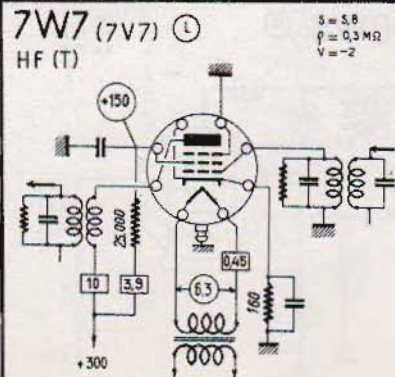
$S = 3,1$
 $\rho = 1 \text{ M}\Omega$
 $V = -1,5$



7N7 (6F8) (L)
BF + BF

$S = 2,5$
 $\rho = 7,700$
 $V = -8$
 $I = 9$

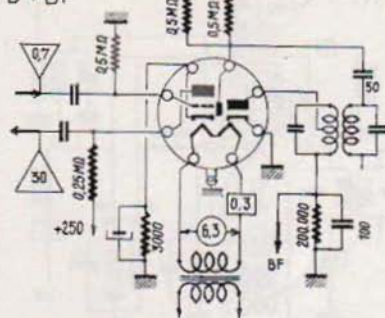


7Q7 (6SA7) (L)
C(V)7R7
HF + D7S7
C(V)7T7 (L)
HF (T)7V7 (L)
HF (T)7W7 (7V7) (L)
HF (T)

7X7

(L)

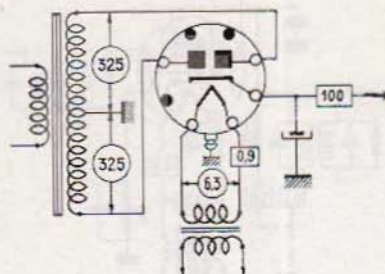
D+BF

 $S = 1,5$
 $P = 87000$
 $V = -1$


7Z4

(L)

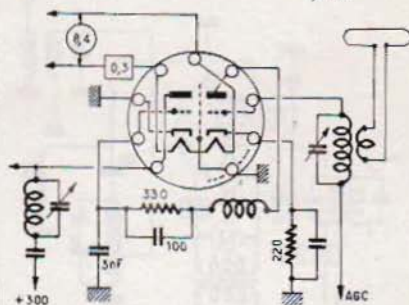
R



8BQ7A

(N)

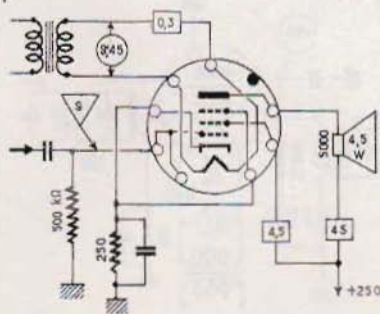
HF(V)(T)

 $S = 6,4$
 $P = 61k\Omega$
 $V = -2$
 $\mu = 39$


9BW6

(N)

P

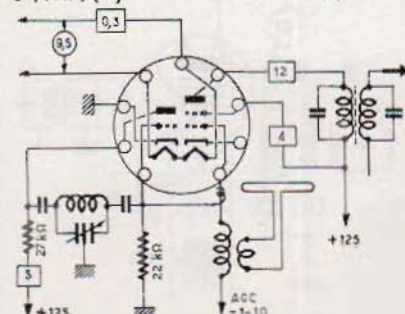
 $S = 4,1$
 $P = 52k\Omega$
 $V = -12,5$


9CL8

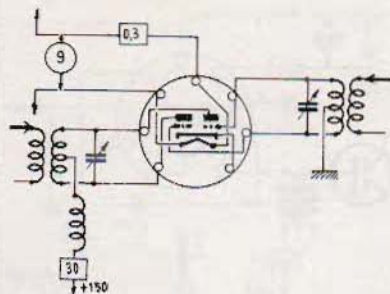
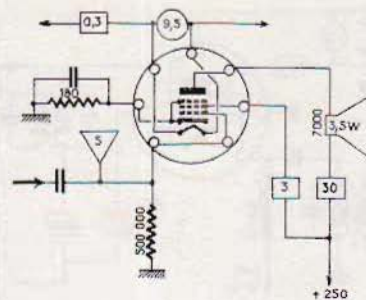
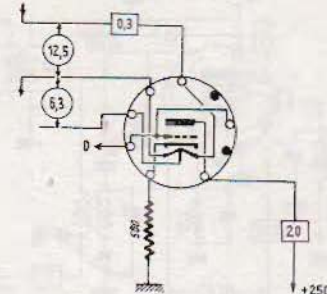
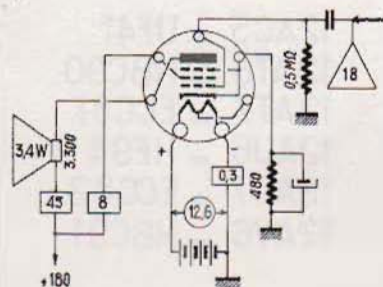
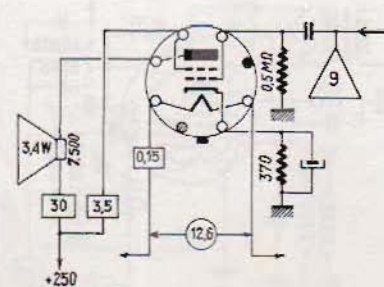
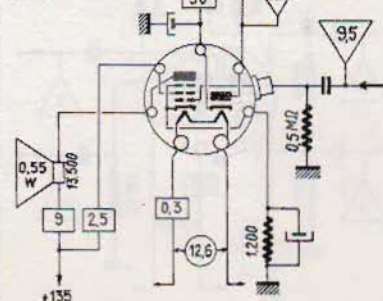
(N)

C(VHF)(V)

TRIODE	$S = 8$ $P = 5000$ $V = 0$	TETRODE $S = 5,6$ $P = 0,1M\Omega$ $V = -1$
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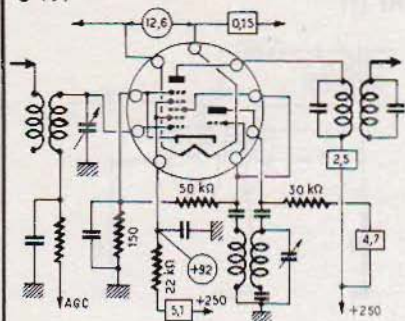


8A8 } = PCF80
 9A8 }
 9AB4 = UC92
 9AK8 = PABC80
 9AQ8 = PCC85
 9BM5 = 9P9
 9U8 = PCF82

9J6 (M)
HF (T)
 $S = 5,3$
 $P = 7,100$
 $V = -10$
9P9/9BM5 (M)
P
 $S = 7$
 $P = 60,000$
 $V = -6$
12A4 (N)
BF (T)
 $S = 7,8$
 $P = 2,560$
 $V = -9$
12A5 (US)
P
 $S = 2,4$
 $P = 35,000$
 $V = -2,5$
12A6 (O)
P
 $S = 5$
 $P = 70,000$
 $V = -12,5$
12A7 (US)
R+P
 $S = 0,9$
 $P = 0,1M\Omega$
 $V = -13,5$


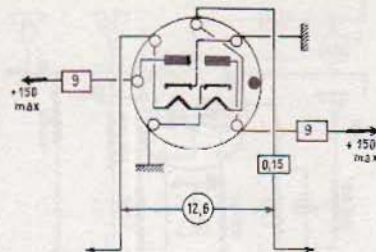
12AJ8 (N)

C (V)

$$\begin{aligned} S_c &= 0,7 \\ \rho &= 1 \text{ M}\Omega \\ V &= -2 \dots -20,5 \end{aligned}$$


12AL5 (6AL5) (M)

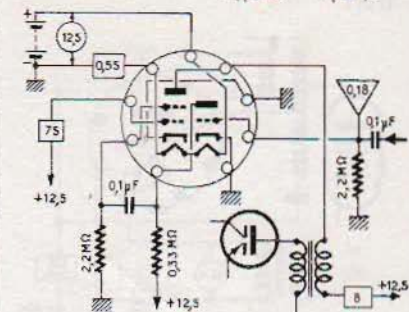
D



12AL8 (N)

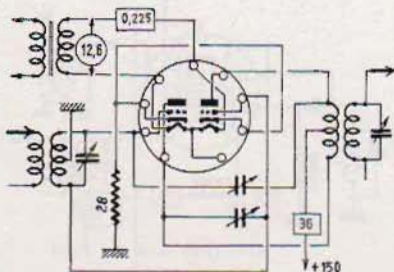
BF

TRIODE	TETRODE
$S = 1$	$S = 15$
$P = 13000$	$P = 480 \Omega$
$V = 0,9$	$V = 0,5$
$\mu = 13$	$\mu = 7,2$

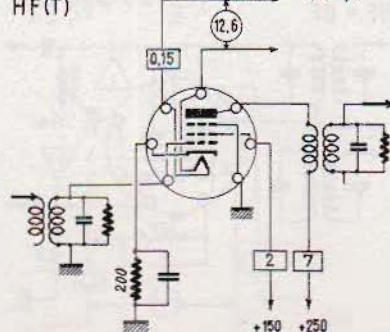


12AV7 (N)

HF (T)

$$\begin{aligned} S &= 8,5 \\ \rho &= 4,800 \\ V_{\text{se}} &= -1 \end{aligned}$$


12AW6

 $HF(T)$
$$\begin{aligned} S &= 5 \\ R &= 0,8 \text{ M}\Omega \\ V &= -1,5 \end{aligned}$$


12AJ7 = HCH81

$$12\text{AQ5} = 6\text{AQ5} (12\text{V})$$
$$12AY6 = 12AT6$$
$$12AX7 = ECC83$$

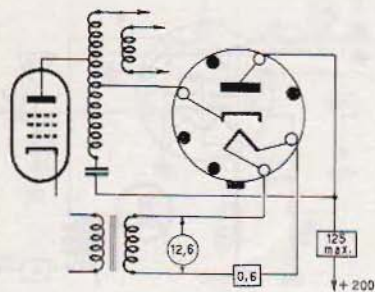
12BA6 = HF93

12BE6 = HK90

12D8 = HCH81

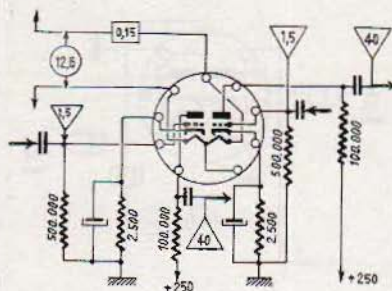
12S7 = UAF42

12AX4 (9)

 $D(T)$ 

12AY7 (N)

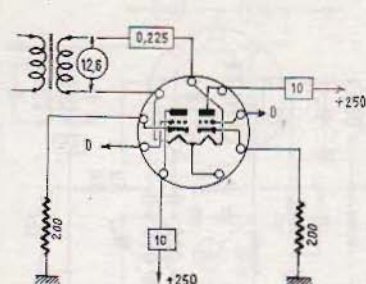
BF

$$\begin{aligned} S &= 1,75 \\ P &= 43,000 \\ V &= -4 \end{aligned}$$


12AZ7 (N)

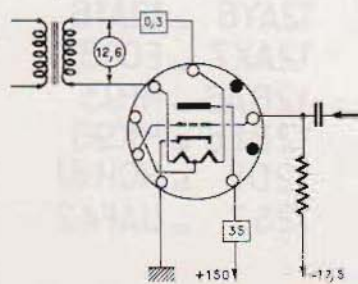
HF (T)

$S = S, S$
 $P = 10, 900$
 $V = -2$



12B4 (N)

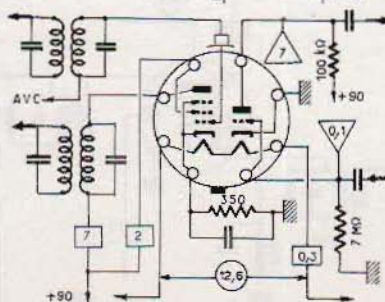
BF (T)

$$\begin{aligned} S &= 6,5 \\ Y &= -17,5 \text{ k}\Omega \\ \mu &= 6,5 \end{aligned}$$


12B8 ④

$$HF + BF$$

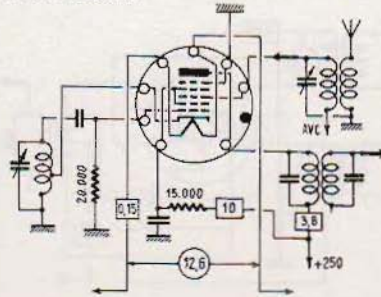
PENTHODE	TRIODE
$S = 1,8$	$S = 2,4$
$\rho = 200 \text{ k}\Omega$	$\rho = 37 \text{ k}\Omega$
$V = -3 \text{--}35$	$V = 0$
	$V = 90$

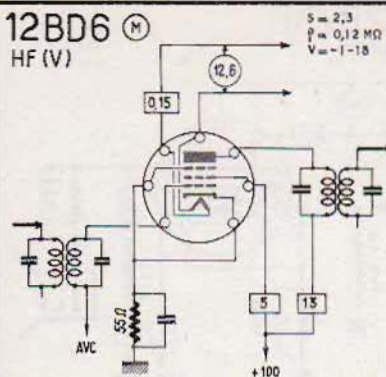
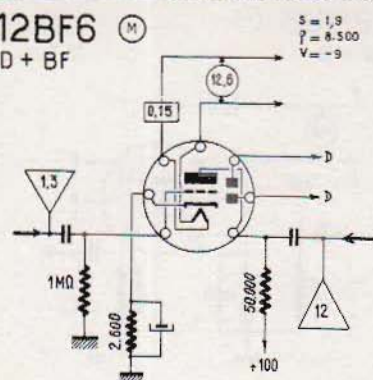
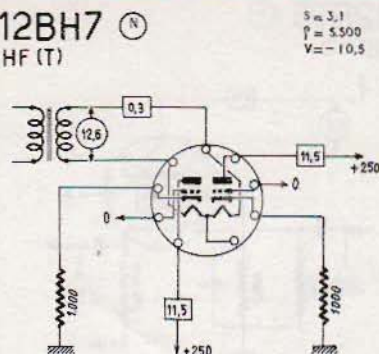
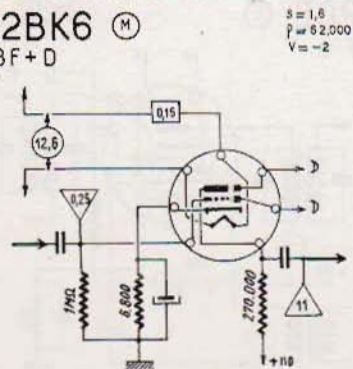
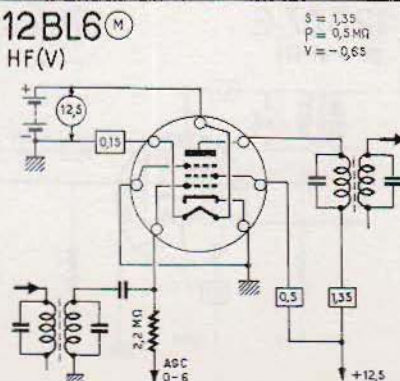
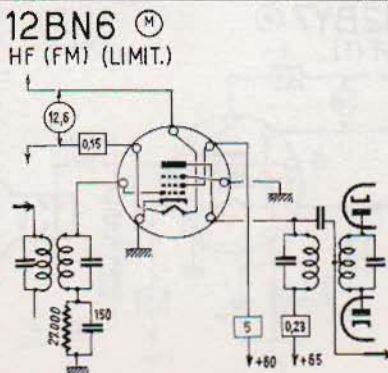


12BA7 (N)

C (V) 100 MHz

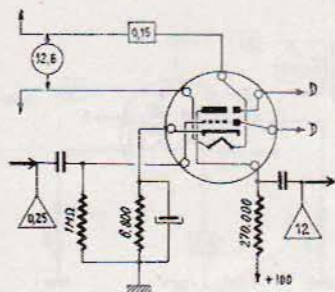
Sc = 0,95
p = 1 MΩ
V = 0-20



12BD6 (M)
HF (V)

12BF6 (M)
D + BF

12BH7 (N)
HF (T)

12BK6 (M)
BF + D

12BL6 (M)
HF (V)

12BN6 (M)
HF (FM) (LIMIT.)


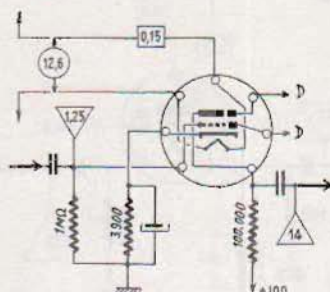
12BT6 (M)

BF + D

 $S = 1,3$
 $P = 54,000$
 $V_m = -1$


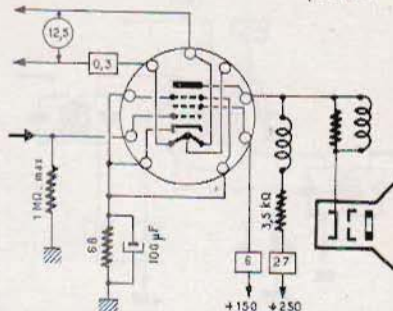
12BU6 (M)

BF + D

 $S = 1,5$
 $P = 8500$
 $V_m = -9$


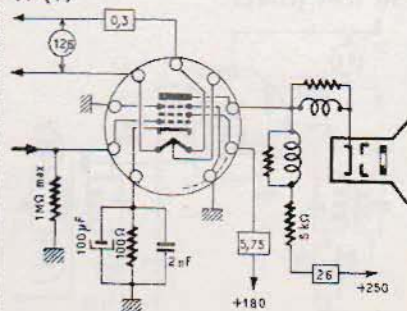
12BV7 (N)

VF (T)

 $S = 13$
 $P = 85,000$
 $V_m = -2,2$
 $\mu = 1,000$


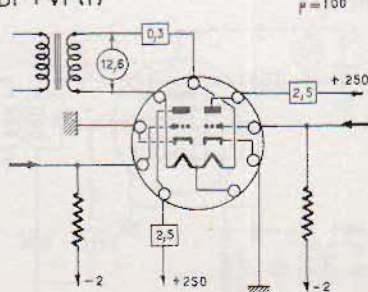
12BY7 (N)

VF (T)

 $S = 11$
 $P = 93 \text{ k}\Omega$
 $V_m = -3$


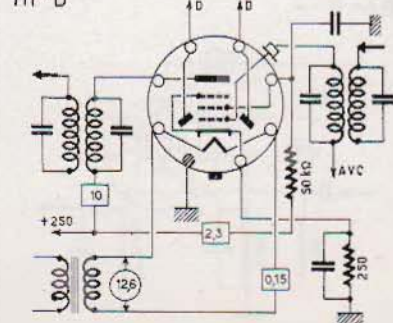
12BZ7 (N)

BF + VF (T)

 $S = 3,2$
 $P = 31,8 \text{ k}\Omega$
 $V_m = -2$
 $\mu = 100$


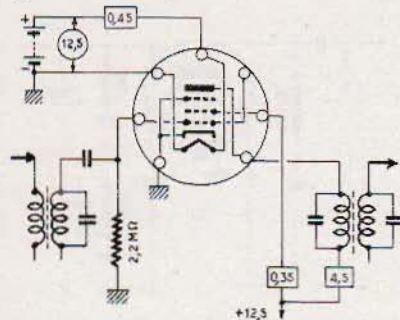
12C8 (O)

HF - D

 $S = 1,325$
 $P = 600 \text{ k}\Omega$
 $V_m = -3 - 20$


12CN5 (M)

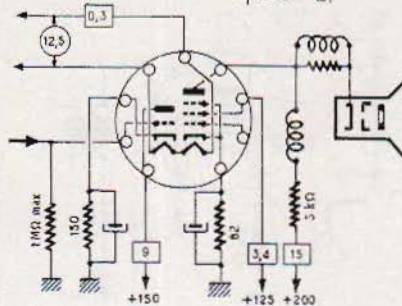
HF

 $S = 3,8$
 $\rho = 40 \text{ k}\Omega$
 $V = 0$


12CT8 (N)

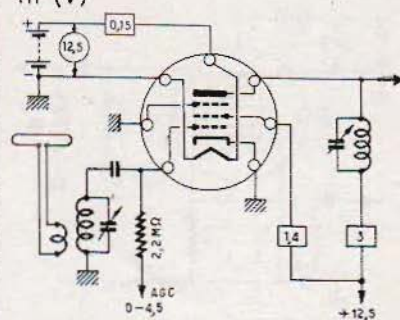
VF+BF (T)

TRIODE	$S = 4,0$	$S = 7$
	$\rho = 6,2 \text{ k}\Omega$	$\rho = 0,15 \text{ M}\Omega$
	$V = 1$	
	$V = 40$	



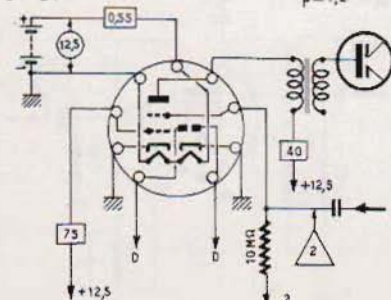
12CX6 (M)

HF (V)

 $S = 3,1$
 $\rho = 40 \text{ k}\Omega$
 $V = 0$


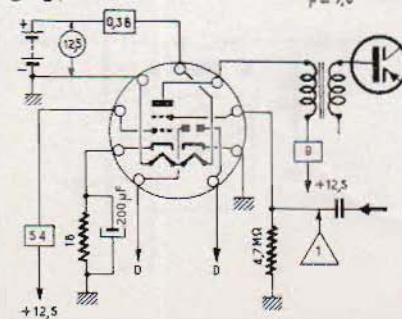
12DL8 (N)

D+BF

 $S = 15$
 $\rho = 480 \Omega$
 $V = -0,5$
 $\mu = 7,2$


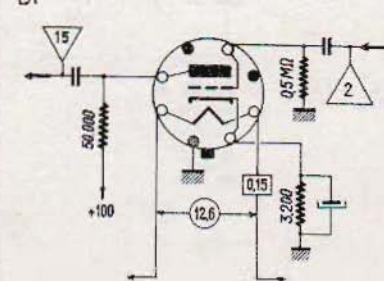
12DV8 (N)

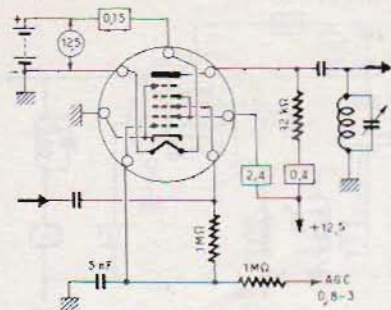
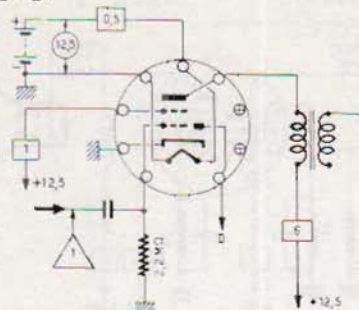
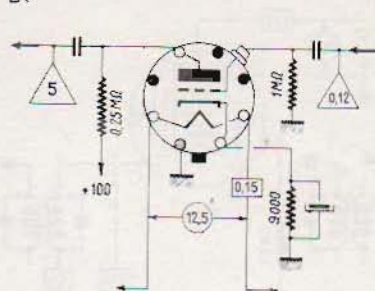
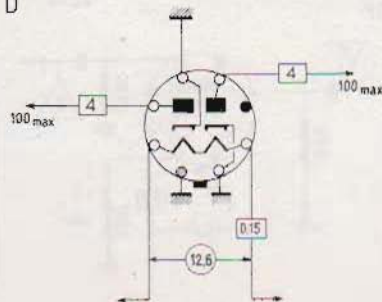
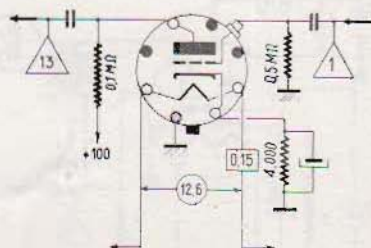
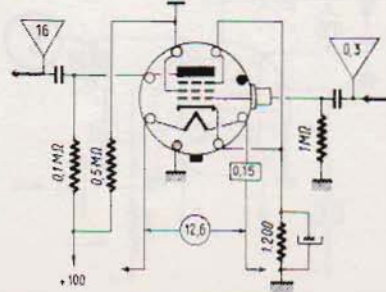
D+BF

 $S = 8,5$
 $\rho = 800$
 $V = 0$
 $\mu = 7,6$


12E5 (6P5) (O)

BF

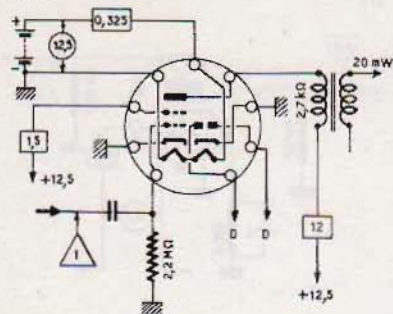
 $S = 1,15$
 $\rho = 12000$
 $V = -5$


12EG6 (M)
HF (V)
 $S = 0,8$
 $P = 0,15 \text{ M}\Omega$
 $V = -0,8$
12EM6 (N)
D+BF
 $S = 4$
 $P = 4 \text{ k}\Omega$
 $V = 0$
12F5 (6F5) (O)
BF
 $S = 1,5$
 $P = 60,000$
 $V = -2$
12H6 (6H6) (O)
D12J5 (6J5) (O)
BF
 $S = 3$
 $P = 6,700$
 $V = -3$
12J7 (6J7) (O)
BF
 $S = 1,18$
 $P = 1 \text{ M}\Omega$
 $V = -3$


12J8

D+BF

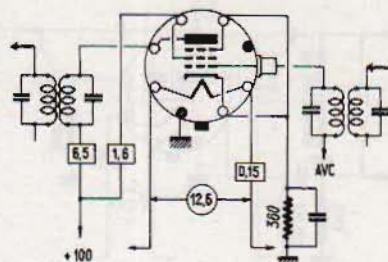
(N)

 $S = 5,5$
 $P = 6000$
 $V = 0$


12K7 (6K7)

HF (V)

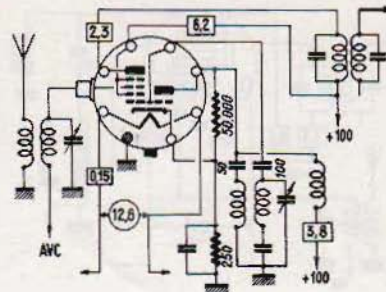
(O)

 $S = 1,32$
 $P = 0,25 \text{ M}\Omega$
 $V = -3 \sim -38,5$


12K8 (6K8)

C (V)

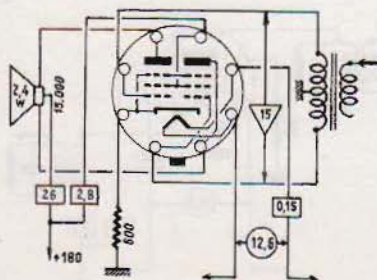
(O)

 $S_c = 0,325$
 $P = 0,4 \text{ M}\Omega$
 $V = -3 \sim -30$


12L8

P (CL AB)

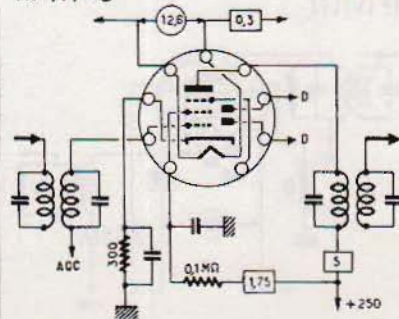
(O)

 $V = -3$ 

12N8

HF (V) + D

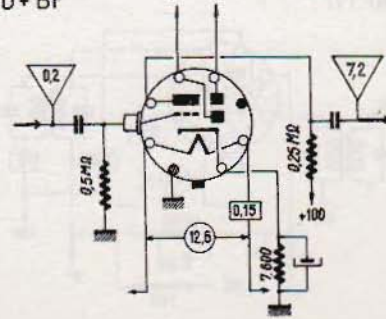
(N)

 $S = 2,2$
 $P = 1,5 \text{ M}\Omega$
 $V = -2 \sim -3,5$


12Q7

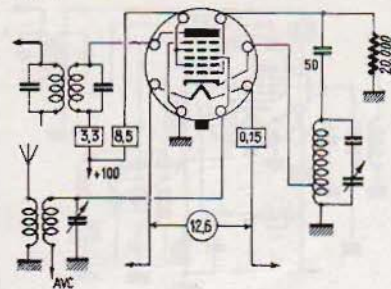
D+BF

(O)

 $S = 0,8$
 $P = 8,7500$
 $V = -1,5$


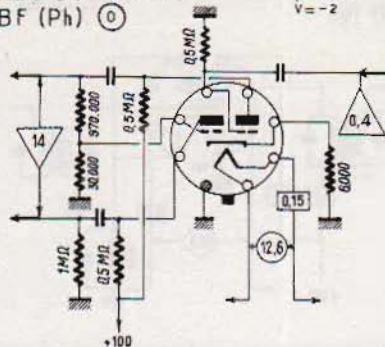
12SA7 (6SA7) ①
C (V)

$S_c = 0,425$
 $\mu = 0,5 M\Omega$
 $V = 0,35$



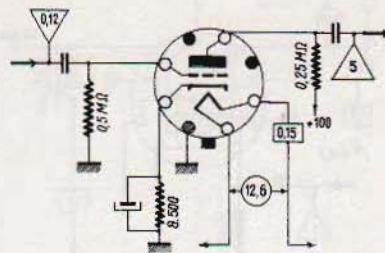
12SC7 (6SC7)
BF (Ph) ①

$S = 1,32$
 $\mu = 53,000$
 $V = -2$



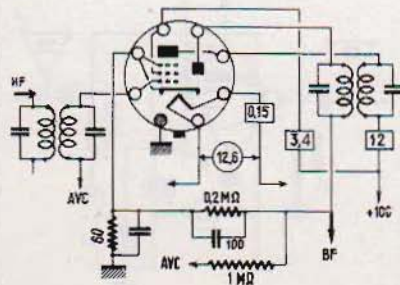
12SF5 (6SF5) ①
BF

$S = 1,5$
 $\mu = 66,000$
 $V = -2$



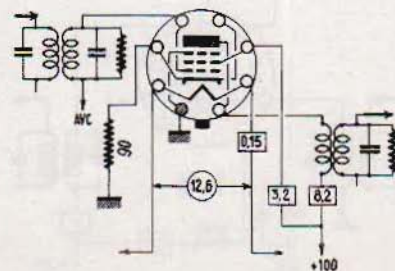
12SF7 (6SF7) ①
HF (V)

$S = 1,9$
 $\mu = 0,2 M\Omega$
 $V = -1 -35$



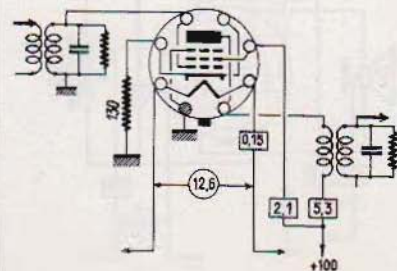
12SG7 (6SG7) ①
HF (V) (T)

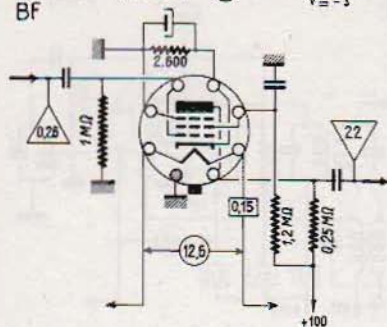
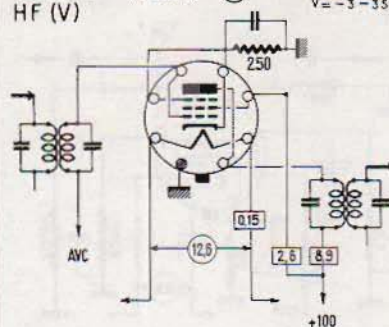
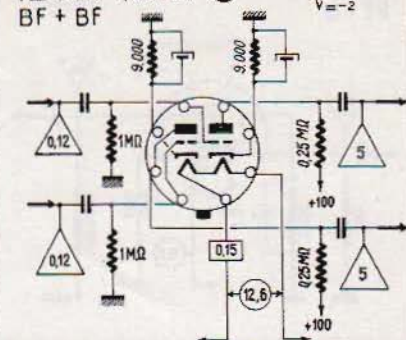
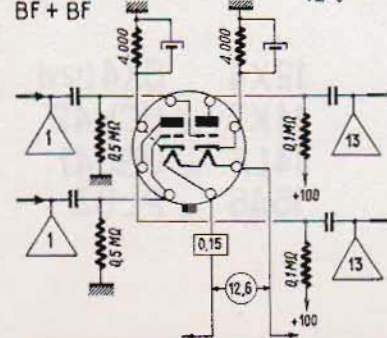
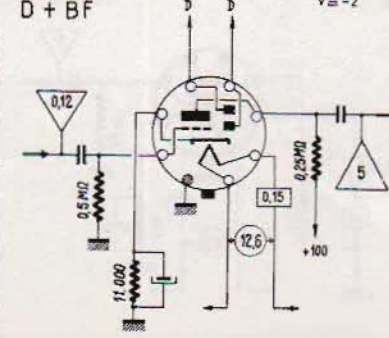
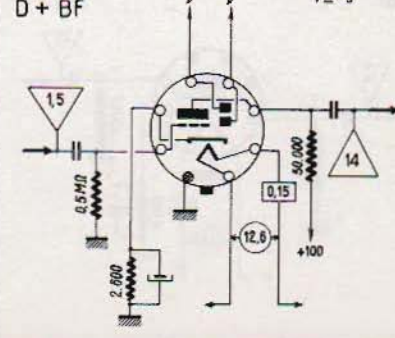
$S = 4,1$
 $\mu = 0,25 M\Omega$
 $V = -1$



12SH7 ①
HF (T)

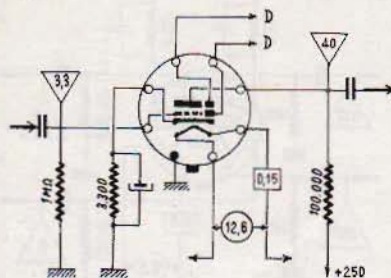
$S = 4$
 $\mu = 0,35 M\Omega$
 $V = -1$



12SJ7 (6SJ7) ①
BF
 $S = 1,5$
 $\rho = 0,7 \text{ M}\Omega$
 $V = -3$
12SK7 (6SK7) ①
HF (V)
 $S = 1,9$
 $\rho = 0,25 \text{ M}\Omega$
 $V = -3 \sim 35$
12SL7 (6SL7) ①
BF + BF
 $S = 1,6$
 $\rho = 14,000$
 $V = -2$
12SN7 (6SN7) ①
BF + BF
 $S = 3$
 $\rho = 6,700$
 $V = -3$
12SQ7 (6SQ7) ①
D + BF
 $S = 1,1$
 $\rho = 91,000$
 $V = -2$
12SR7 (6SR7) ①
D + BF
 $S = 1,9$
 $\rho = 8,500$
 $V = -8$


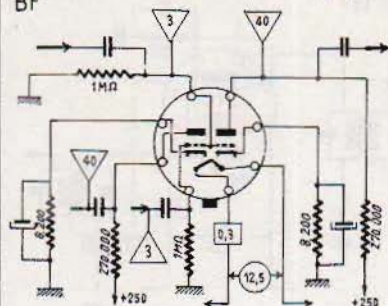
12SW7 ①
BF+D

$S = 1,9$
 $P = 6,500$
 $V = -9$



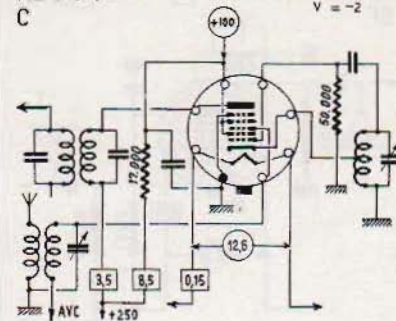
12SX7 ①
BF

$S = 2,5$
 $P = 7,700$
 $V = -8$



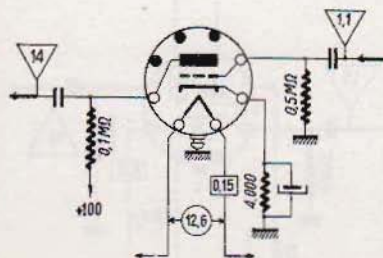
12SY7 ①
C

$S = 0,45$
 $P = 1M$
 $V = -2$



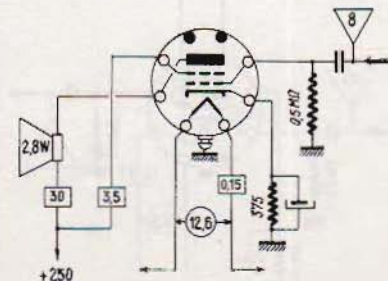
14A4 ①
BF

$S = 3$
 $P = 6,700$
 $V = 0$

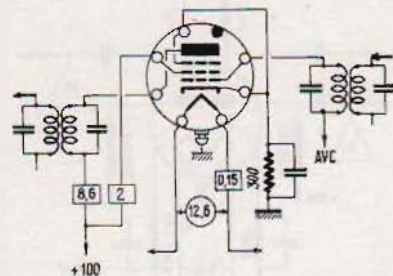
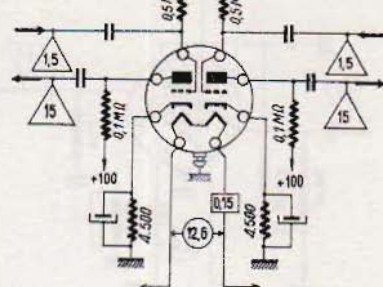
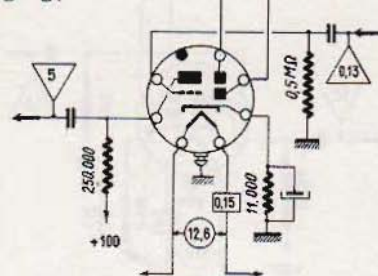
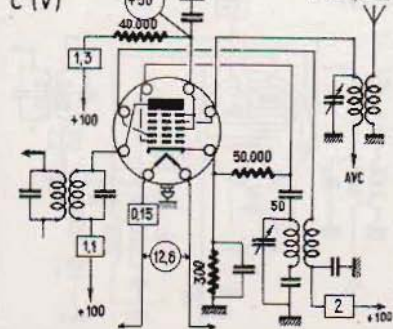
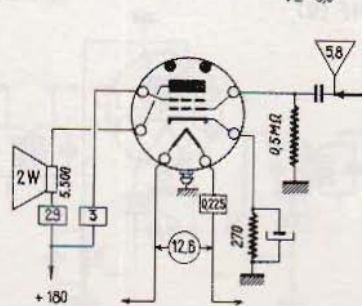
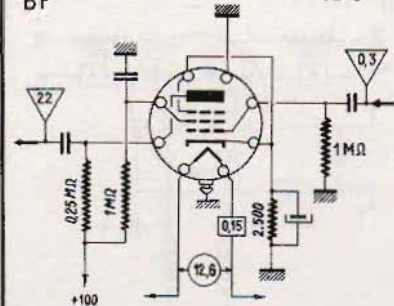


14A5 ①
P

$S = 3$
 $P = 70,000$
 $V = -12,5$

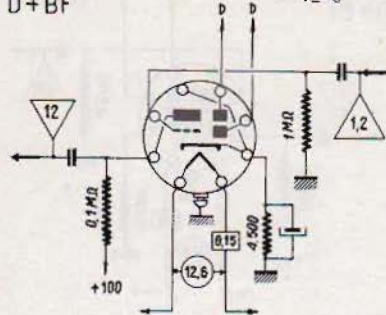


12X4 = 6X4 (12v)
14K7 = UCH42
14L7 = UBC41
15A6 = PL83

14A7 (L)
HF (V)
 $S = 2$
 $P = 0.8$
 $V = -3.5$
14AF7 (L)
BF + BF
 $S = 2.1$
 $P = 7.600$
 $V = -10$
14B6 (L)
D + BF
 $S = 1.1$
 $P = 91000$
 $V = -2$
14B8 (L)
C (V)
 $S = 0.38$
 $P = 0.6 \text{ M}\Omega$
 $V = -1.5 - 20$
14C5 (7C5) (L)
P
 $S = 3.7$
 $P = 58.000$
 $V = -6.5$
14C7 (7C7) (L)
BF
 $S = 2.2$
 $P = 0.4 \text{ M}\Omega$
 $V = -3$


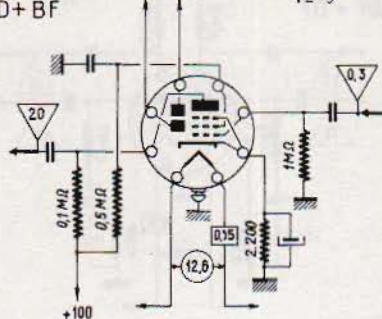
14E6 (7E6) (L)
D+BF

$S = 1,9$
 $P = 8,500$
 $V = -9$



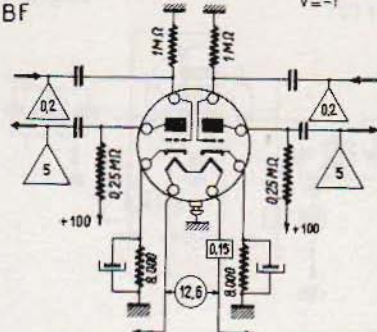
14E7 (L)
D+BF

$S = 1,3$
 $P = 0,7 \text{ M}\Omega$
 $V = -3$



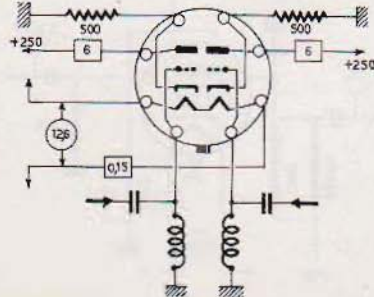
14F7 (7F7) (L)
BF

$S = 1,125$
 $P = 6,2000$
 $V = -1$



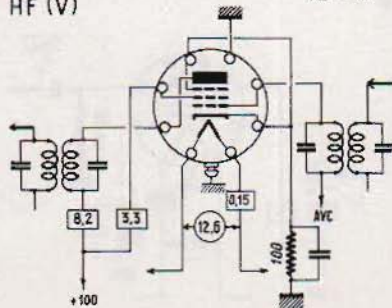
14F8 (O)
HF

$S = 3,3$
 $\gamma = 48$



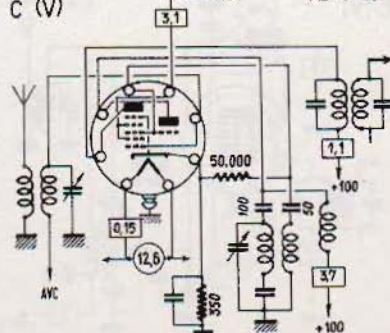
14H7 (7H7) (L)
HF (V)

$S = 3,8$
 $P = 0,25 \text{ M}\Omega$
 $V = -1 - 12$



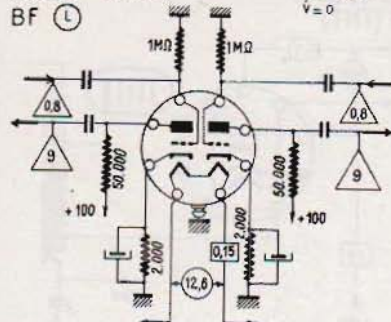
14J7 (7J7) (L)
C (V)

$S = 0,26$
 $P = 0,3 \text{ M}\Omega$
 $V = -3 - 20$



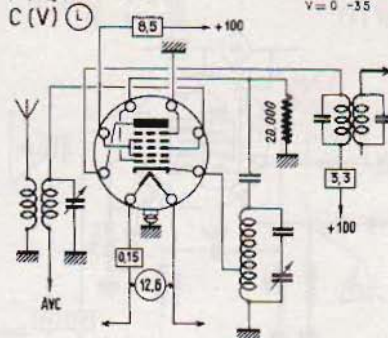
14N7 (7N7)

BF (L)

 $S = 3$
 $P = 6700 \Omega$
 $V = 0$


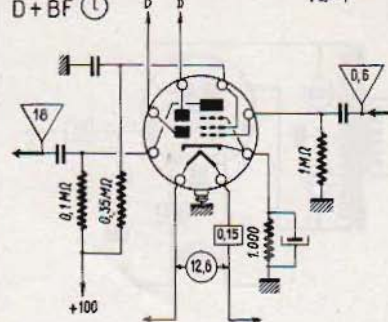
14Q7 (7Q7)

C (V) (L)

 $S = 0.525$
 $P = 0.5 M\Omega$
 $V = 0 - 35$


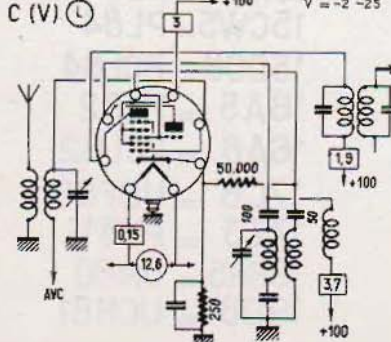
14R7 (7R7)

D + BF (L)

 $S = 3$
 $P = 0.35 M\Omega$
 $V = -1$


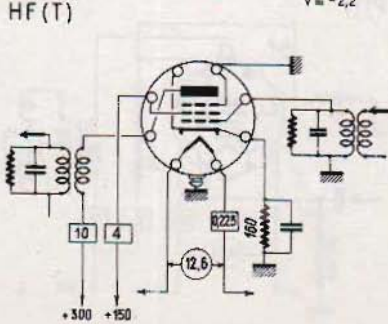
14S7 (7S7)

C (V) (L)

 $S = 0.5$
 $P = 0.5 M\Omega$
 $V = -2 - 25$


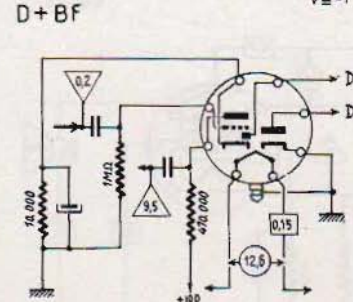
14W7 (7W7) (L)

HF (T)

 $S = 5.8$
 $P = 0.3 M\Omega$
 $V = -2.2$


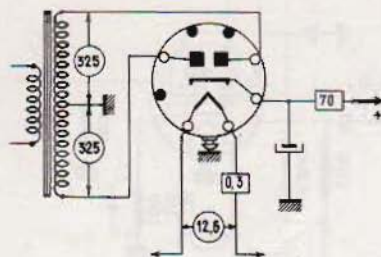
14X7 (L)

D + BF

 $S = 1.5$
 $P = 85,000$
 $V = -1$


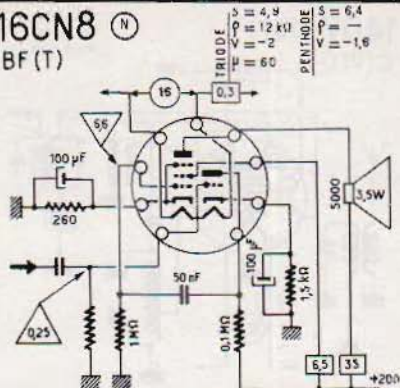
14Y4 (L)

R



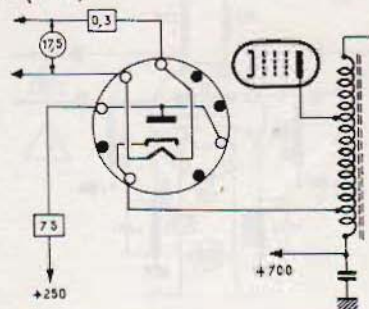
16CN8 (N)

BF (T)



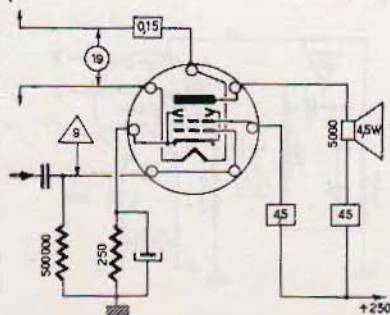
17H3 (N)

R (THT)

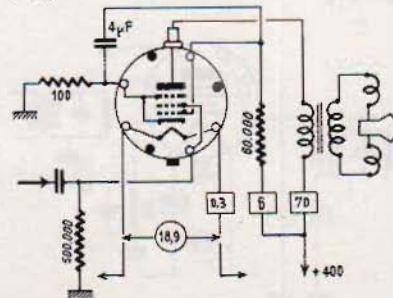


19AQ5 (M)

P

$$\begin{aligned} S &= 4,1 \\ P &= 52.000 \\ V &= -12,5 \end{aligned}$$


19BG6 ①

 $P(T)$
$$S = 6$$
$$V = -50(\text{max})$$


15A6 = PL83

15CW5= PL84

15DQ8 = PCL84

16A5 = PL82

16A8 = PCL82

17C8 = UBF80

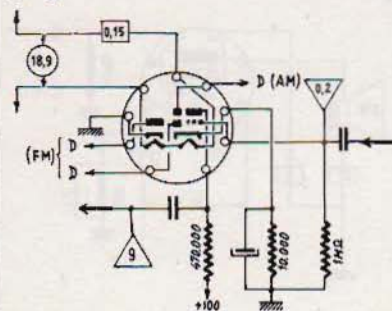
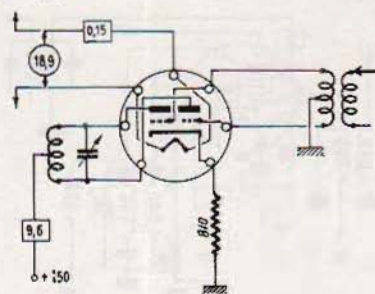
17Z3 = PY81

19BR5 = UM 80

19D8 = UCH81

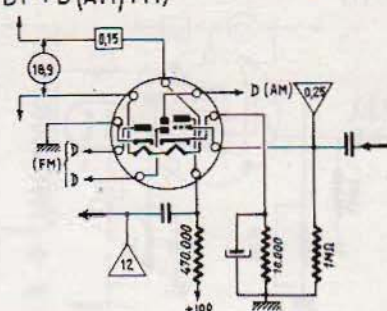
19C8 (AM/FM) (N)

D + BF

 $S = 1,25$
 $P = 8.0000$
 $V = -1$
19J6 (M)
HF (T)
 $S = 1,8$
 $P = 10.200$
 $V = -8$


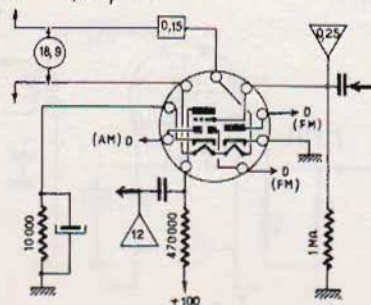
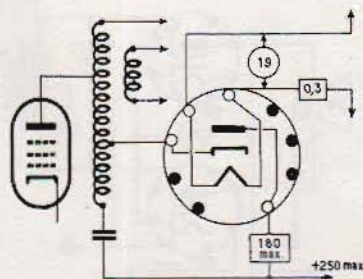
19T8 (N)

BF + D (AM/FM)

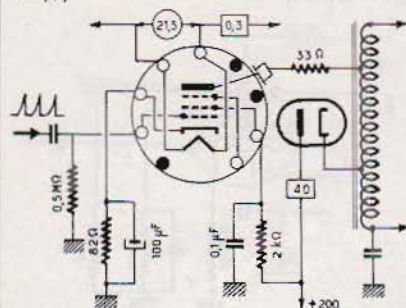
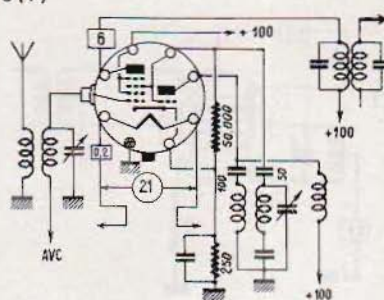
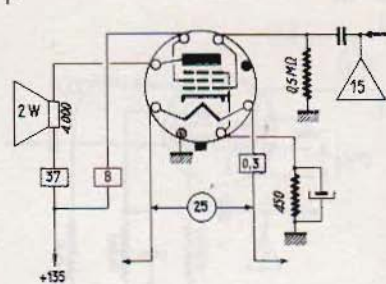
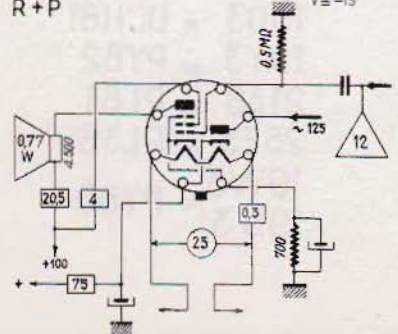
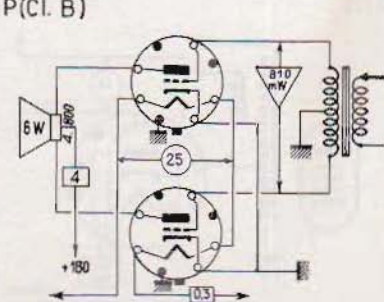
 $S = 1,3$
 $P = 54.000$
 $V = -1$


19V8 (N)

BF + D (AM/FM)

 $S = 1,3$
 $P = 54.000$
 $V = -1$
19X3 / PY80 (N)
R (T)

19D3 = UCH81
 19Y3 = PY82
 21A6 = PL81
 25E5 = PL36
 19W3 = PY80
 19U3 = PY80

21B6 (N)
P (T)
 $S = 6$
 $P = 11\text{ W}$
 $V = -28$
21TH8 (6TH8) (O)
C (V)
 $S_c = 0.27$
 $P = 2\text{ W}$
 $V = -3 - 28$
25A6 (O)
P
 $S = 2.4$
 $P = 35,000$
 $V = -20$
25A7 (O)
R+P
 $S = 18$
 $P = 50,000$
 $V = -15$
25AC5 (O)
P (Cl. B)
 $S = 3.8$
 $P = 15,200\text{ W}$
25AV5 (6AV5) (O)
P (T)
 $S = 5.8$
 $V = -22.5$
