

SCUOLA TRASMISSIONI
Ufficio Addestramento

Istruzione per radiomontatori

STAZIONI RADIO

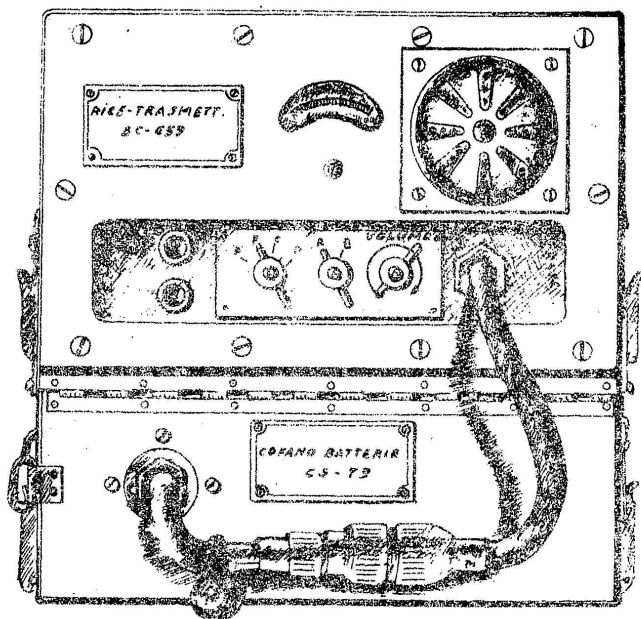
R 609 - R 610

R 509 - R 510

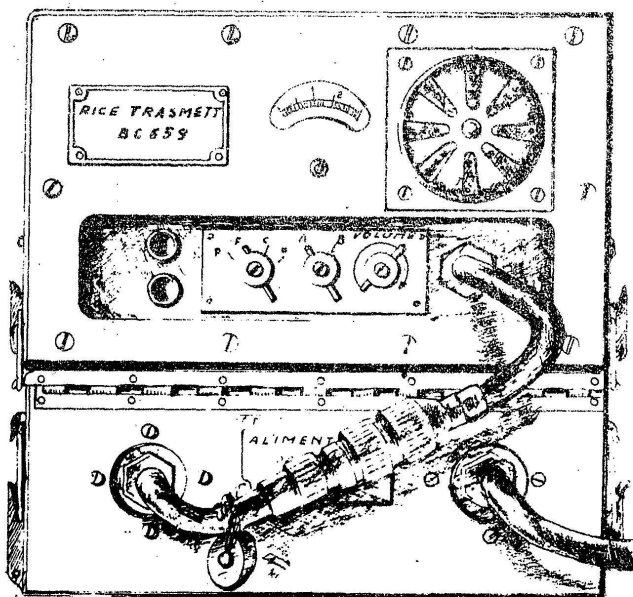
- figure allegate al testo -

Sintesi dalle istruzioni originali TM 11-615 - TM 11-60

ROMA
Sez. Pubblicazioni
1954



R 609 - Pannello Rice-trasmitt. BC-659 e cofano batterie CS-79



R 610 Pannello Rice-trasm. BC-659 e alimentatore PE-117(vibrat)

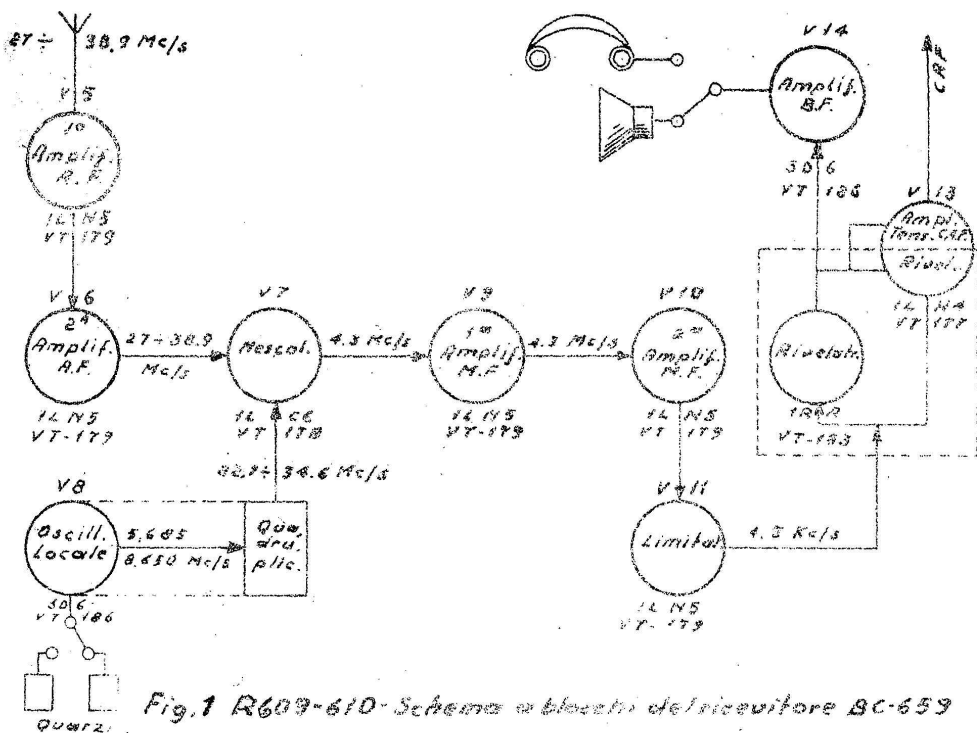
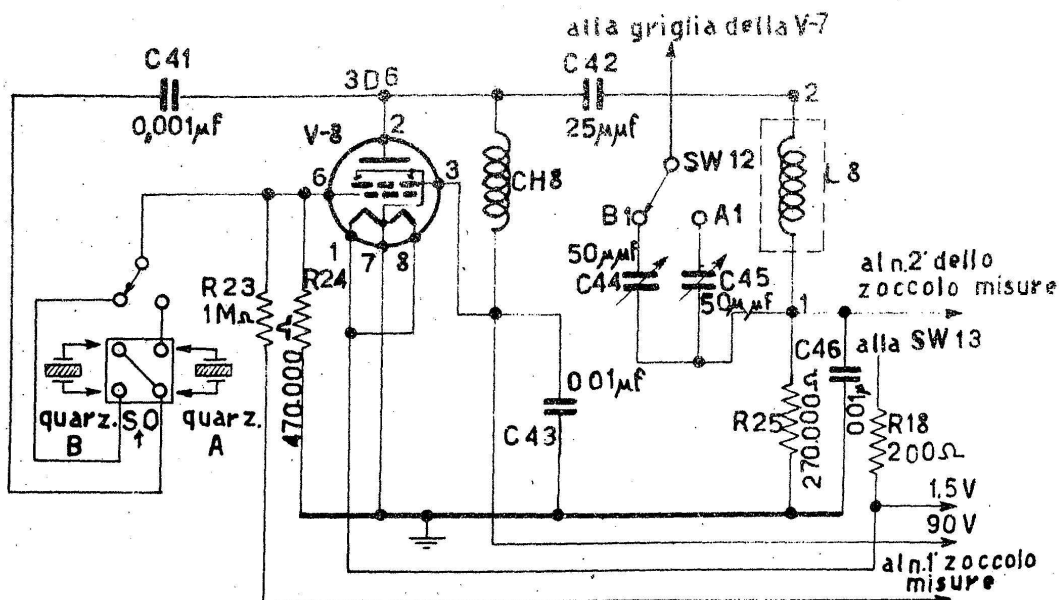
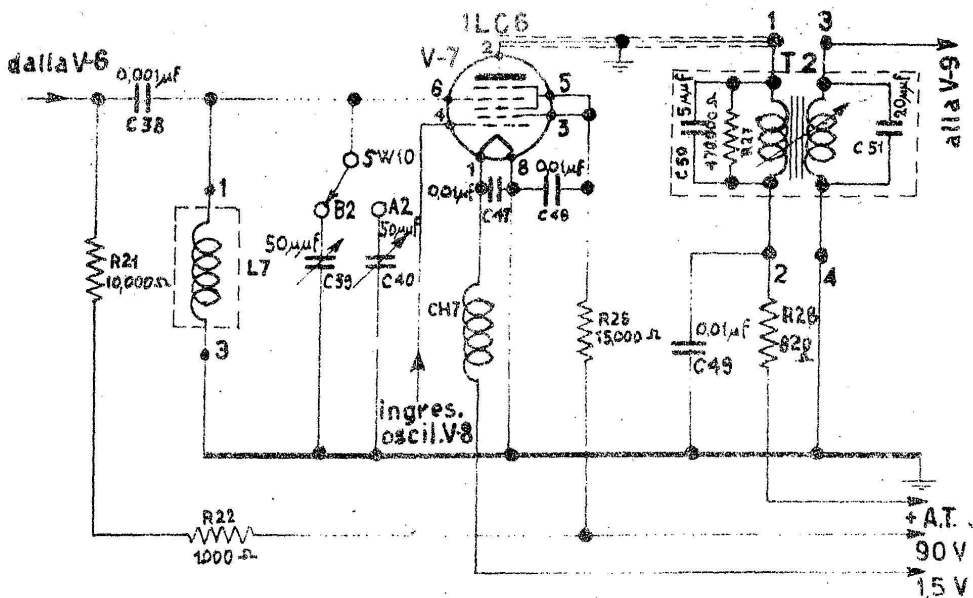
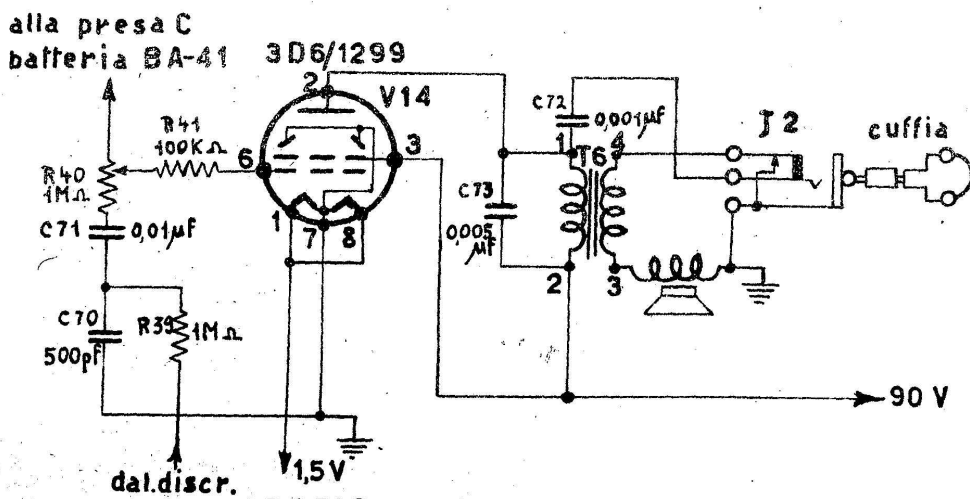
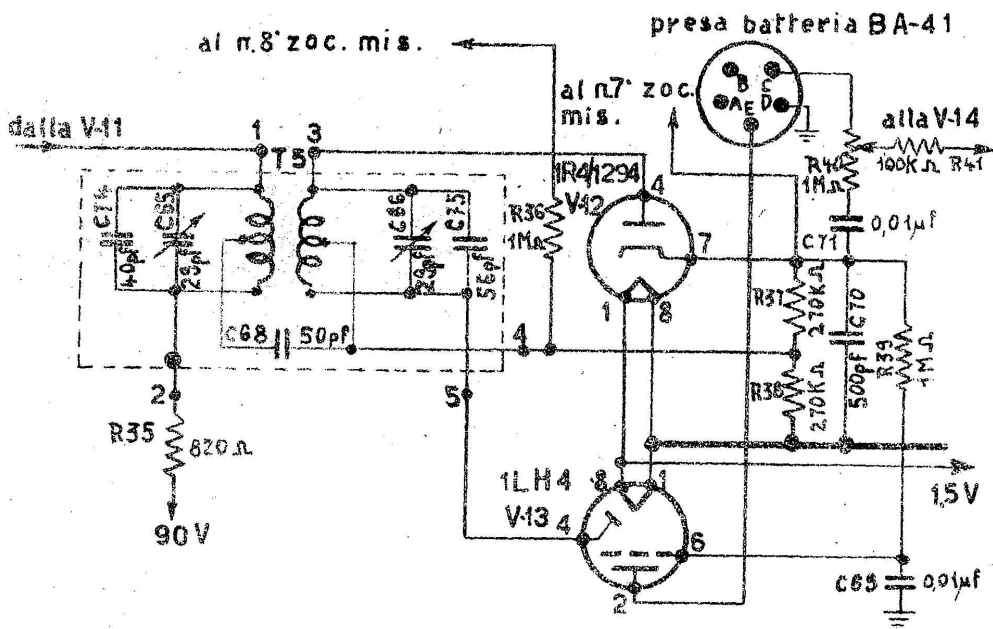


Fig. 2 BC-659- Stadi R.F





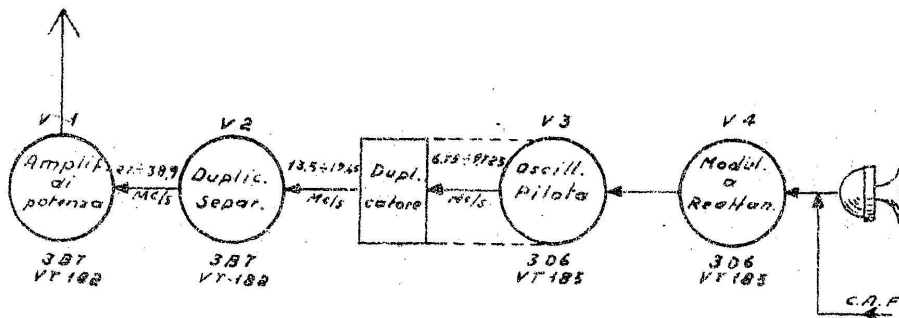


Fig. 9-R 609-610-Schema a blocchi del trasmettitore BC-659

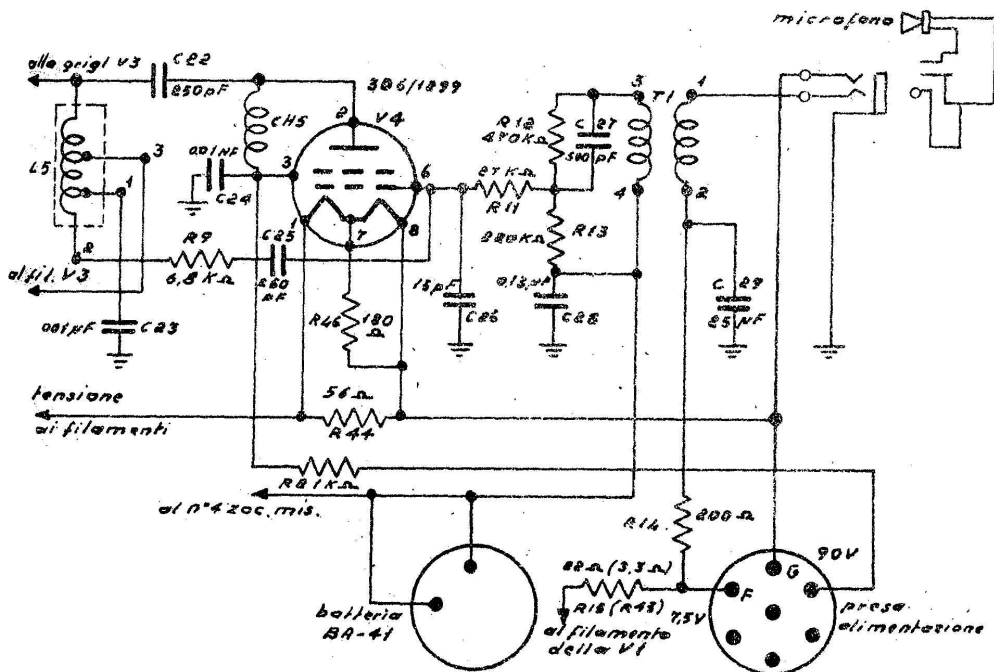


Fig 10- BC-659-Studio mod. a reattanza e circuito microf.

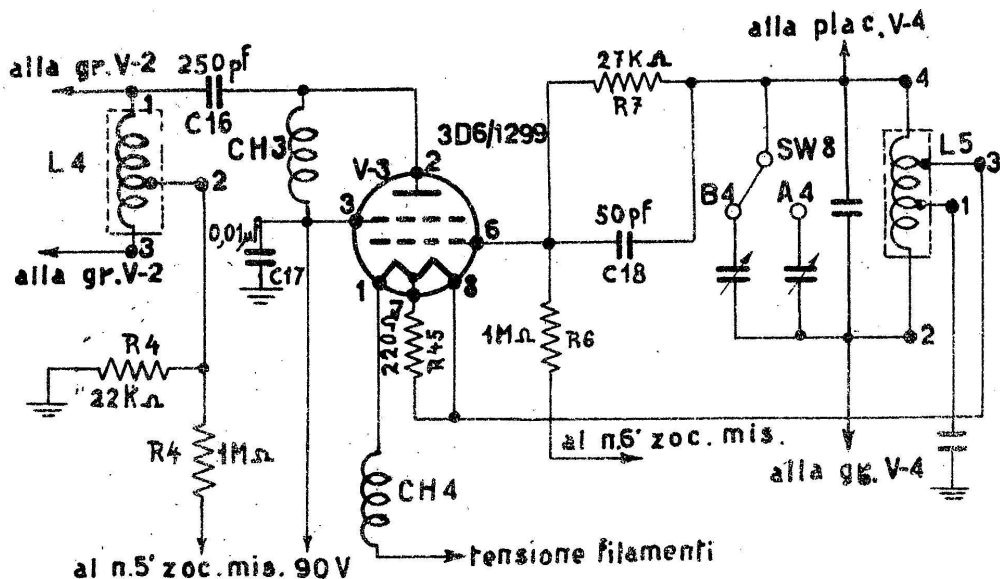


Fig. 11 BC-659 STADIO OSCILLATORE PILOTA

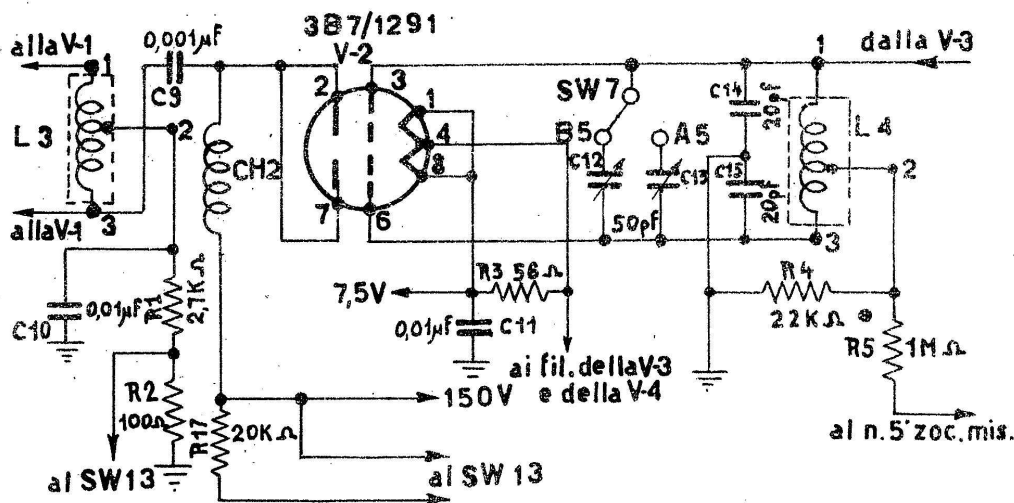


Fig. 12 BC-659 STADIO SEPARATORE-MOLTIPLICATORE

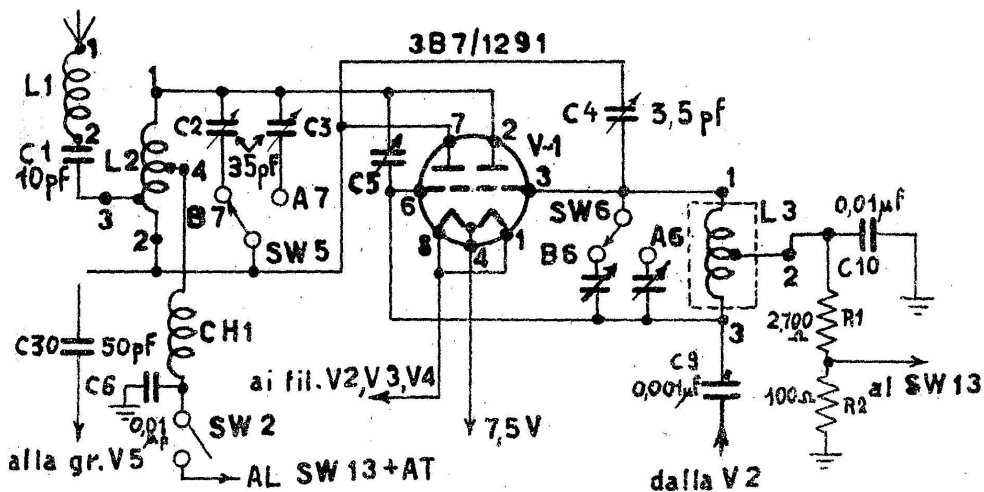


Fig. 13 STADIO AMPL. DI POTENZA IN TRASMISSIONE

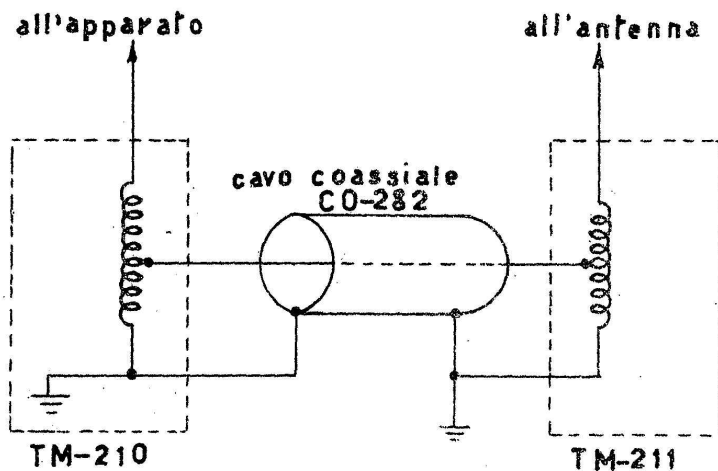
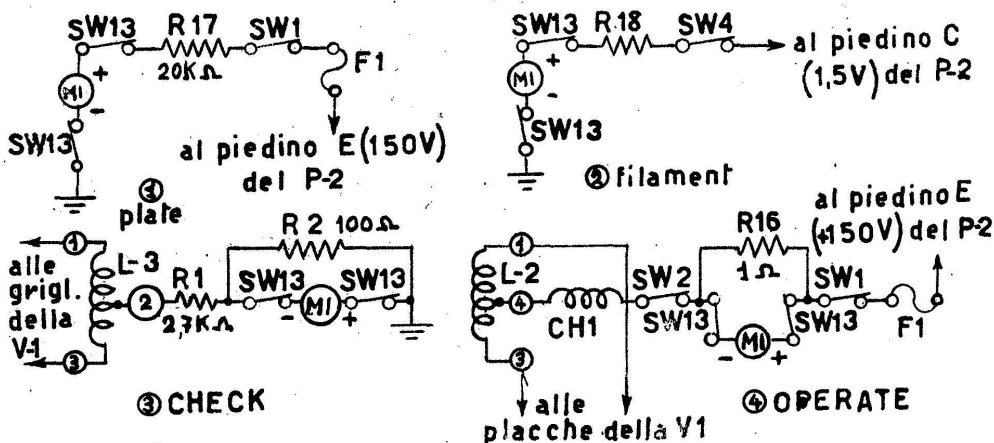
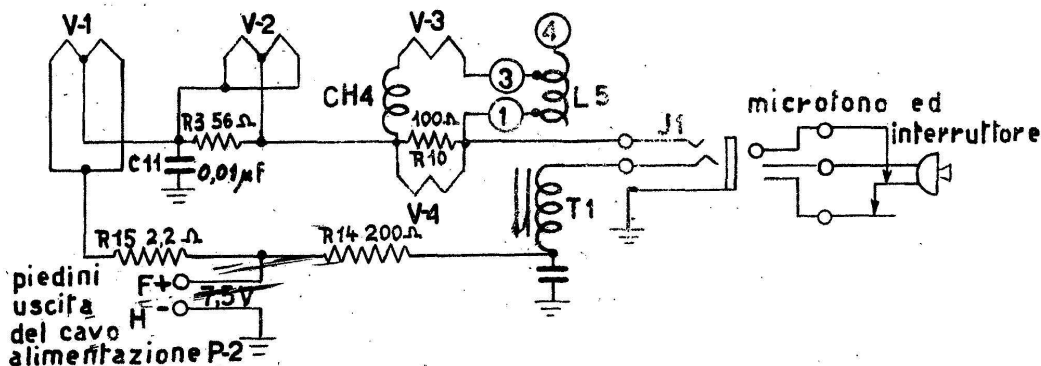
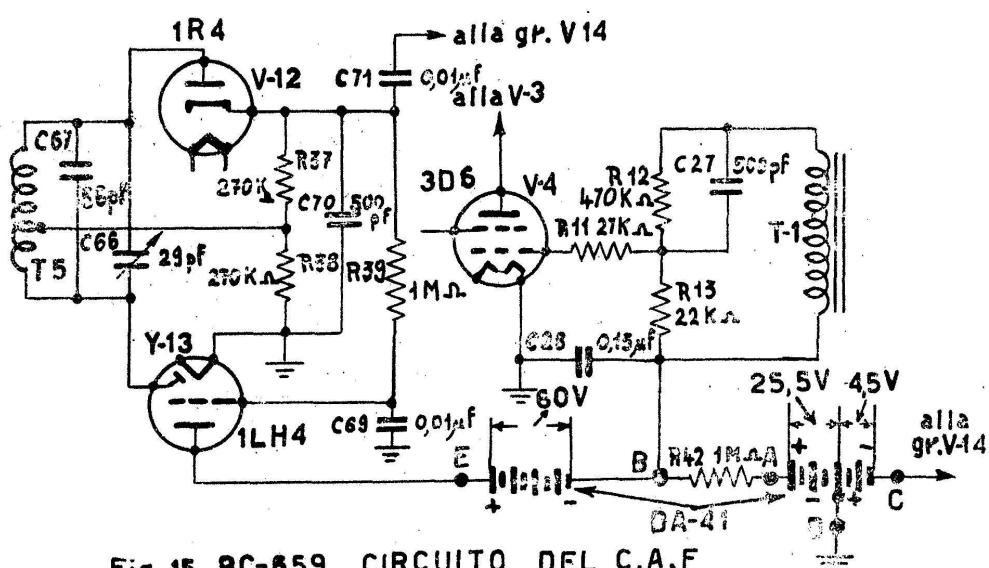


Fig. 14 ADATTATORI D'IMPEDENZA D'ANTENNA



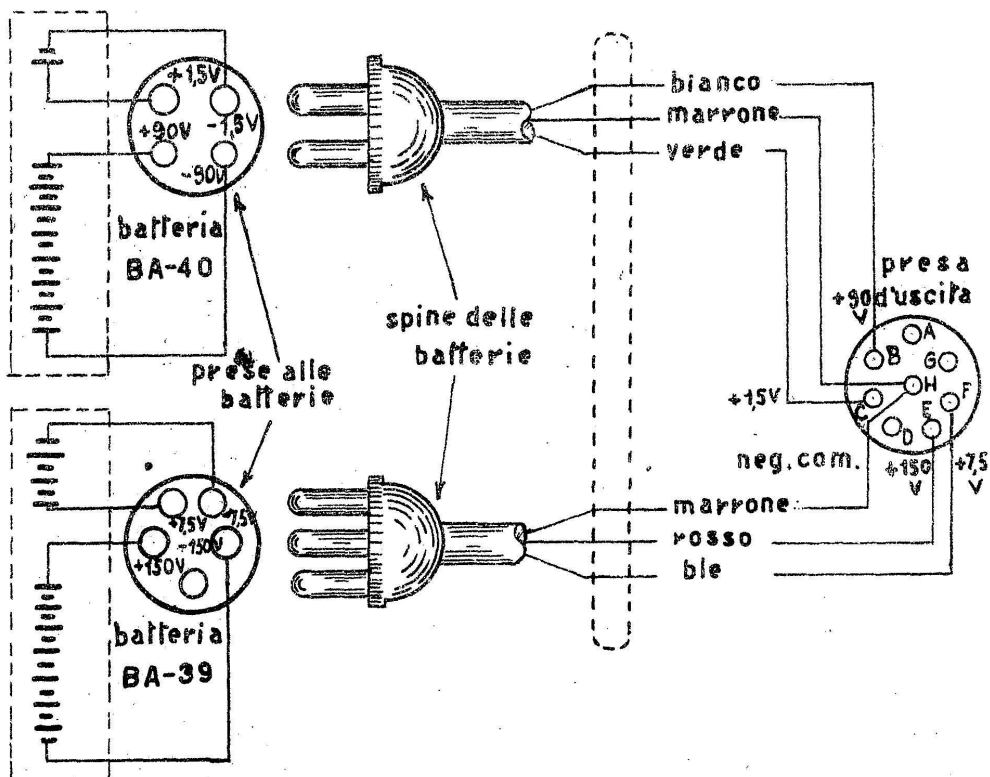


Fig.18 CS-79 COLLEGAMENTI INTERNI DEL COFANO BAT.

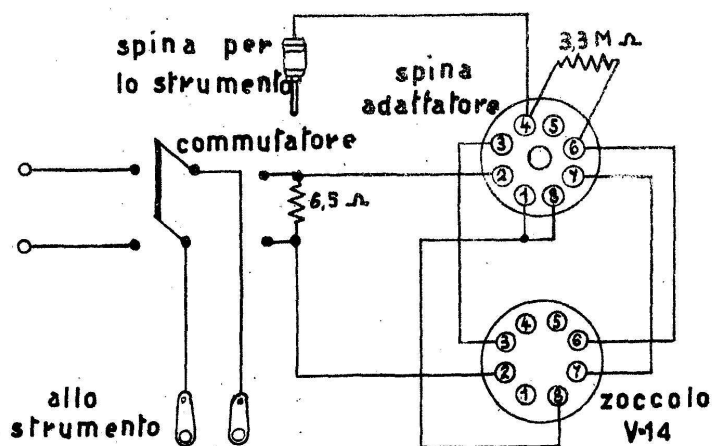
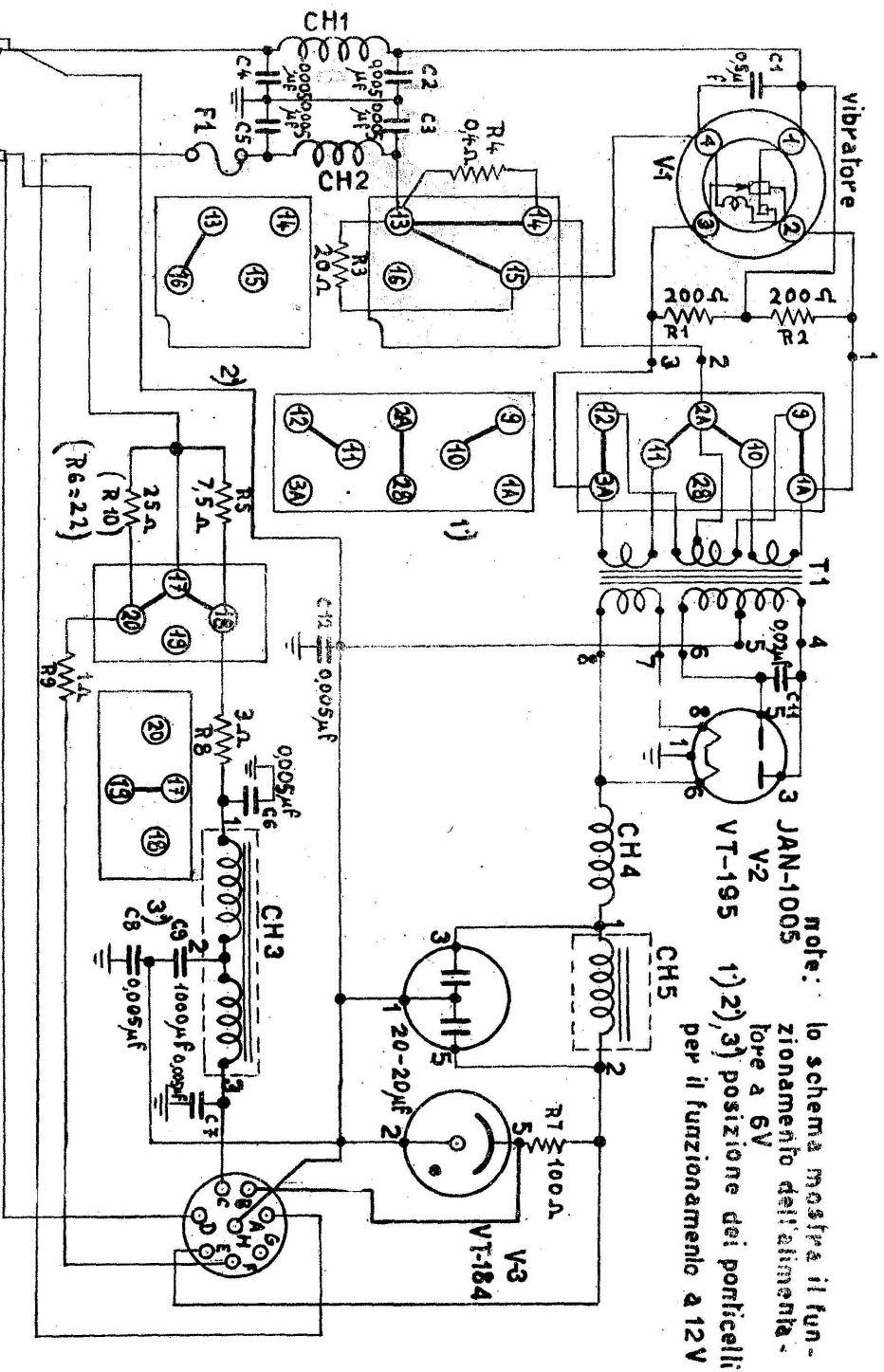


Fig. 19 M-399 CIRCUITO ELETTRICO



alla batteria

Fig. 20

ALIMENTATORE PE-117

Fig. 21 PE-120-A ALIMENTATORE

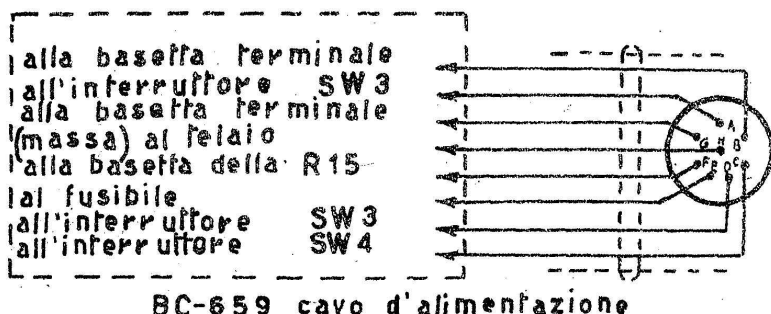
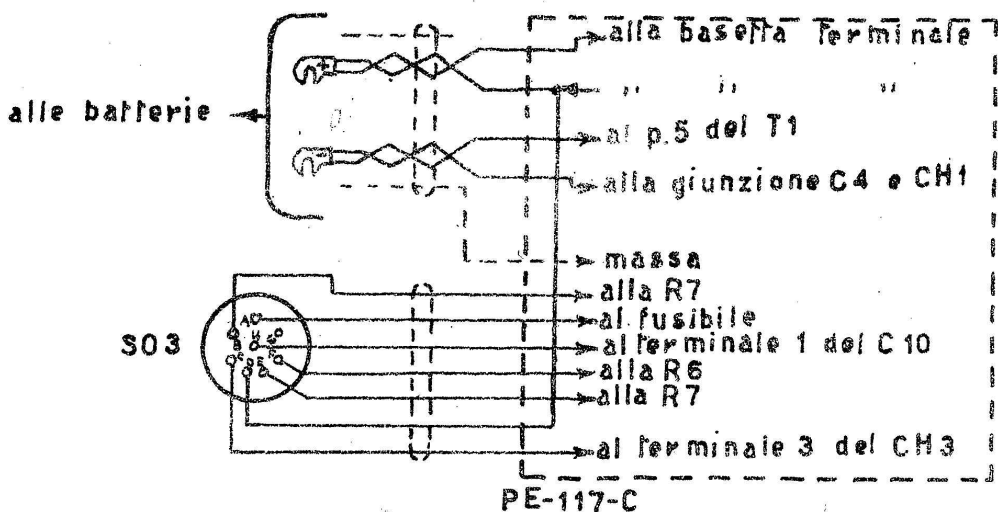
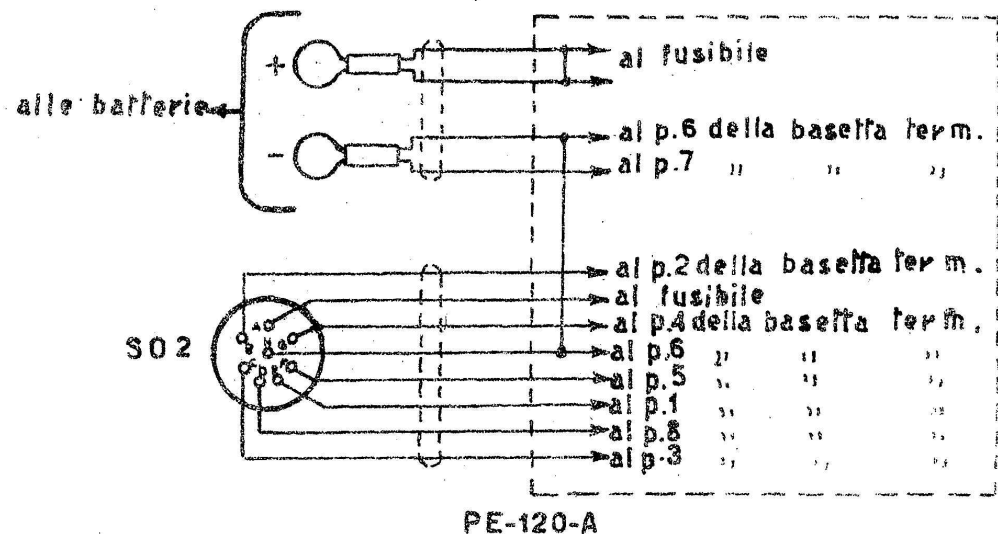
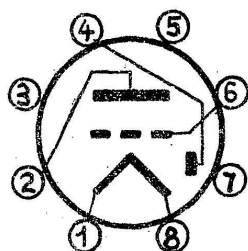
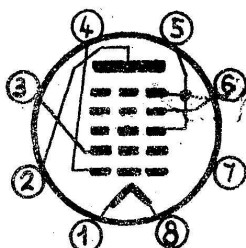


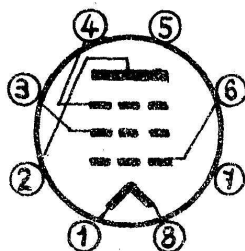
Fig. 22 SCR-609/610 COLLEGAMENTO DEI CAVI



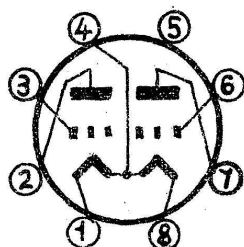
Valvola jan-1LH4
(VT-177)



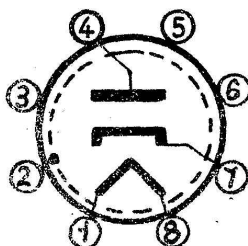
Valvola jan-1LC6
(VT-178)



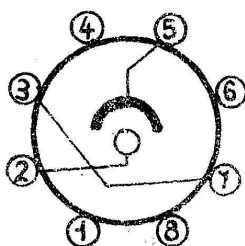
Valvola jan-1LN5
(VT-179)



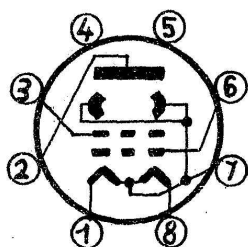
Valvola jan-3B7/1291
(VT-182)



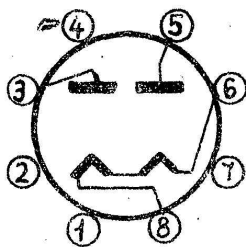
Valvola jan-1R4/1294
(VT-183)



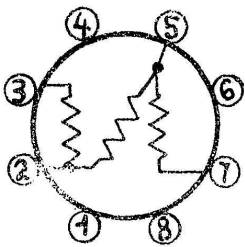
Valvola jan-OB3/VR90
(VT-184)



Valvola jan-3D6/1299
(VT-185)



Valvola jan-1005
(VT-195)



Amperite 10T1
(regolatrice di tensione)

Fig. 23 SCR-609-610 NUMERAZIONE DEGLI ZOCCOLI DELLE
VALVOLE (visti di sotto)

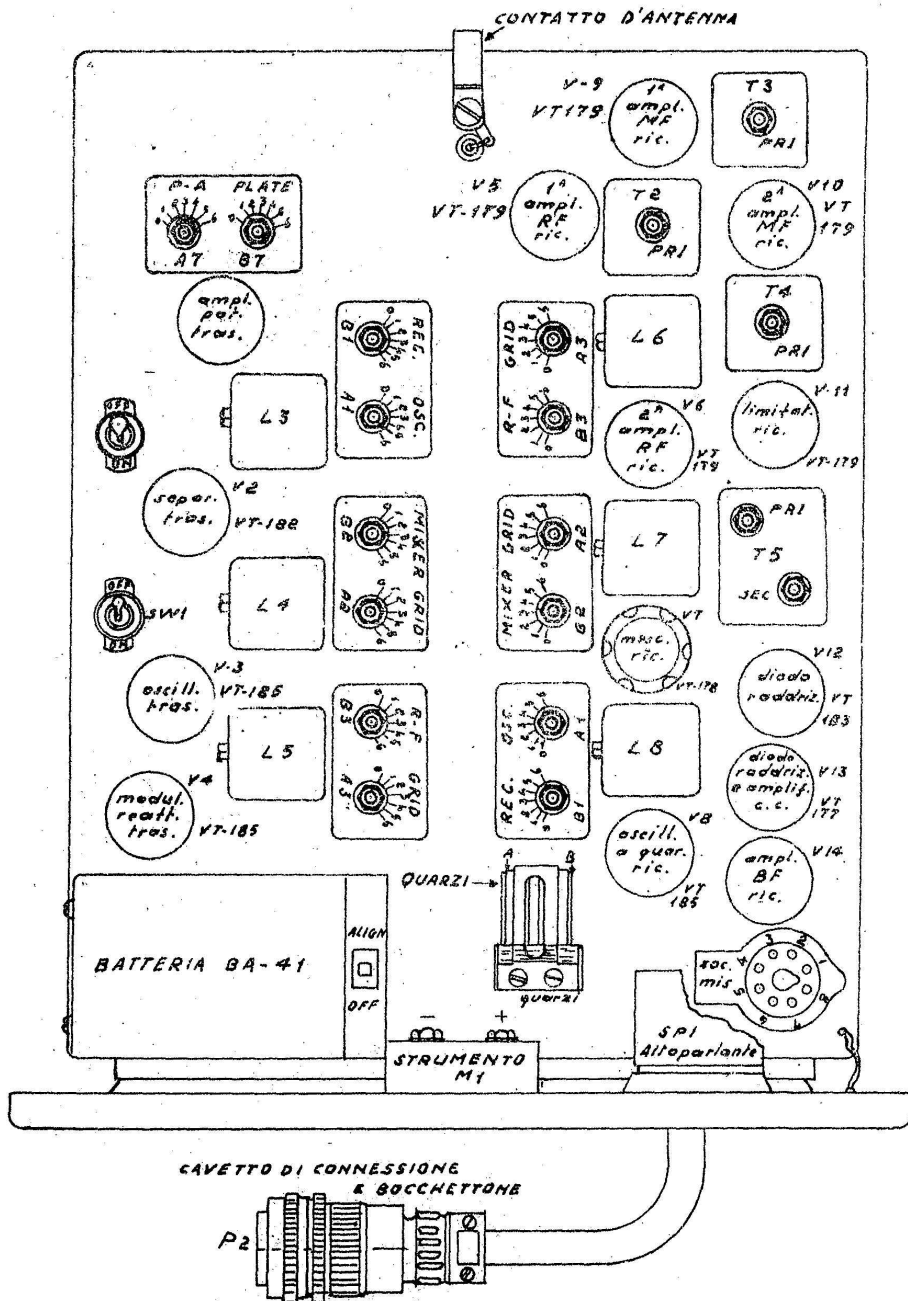


Fig. 24.-R609-610- Rice-trasmittitore BC-659
Vista superiore del telaio

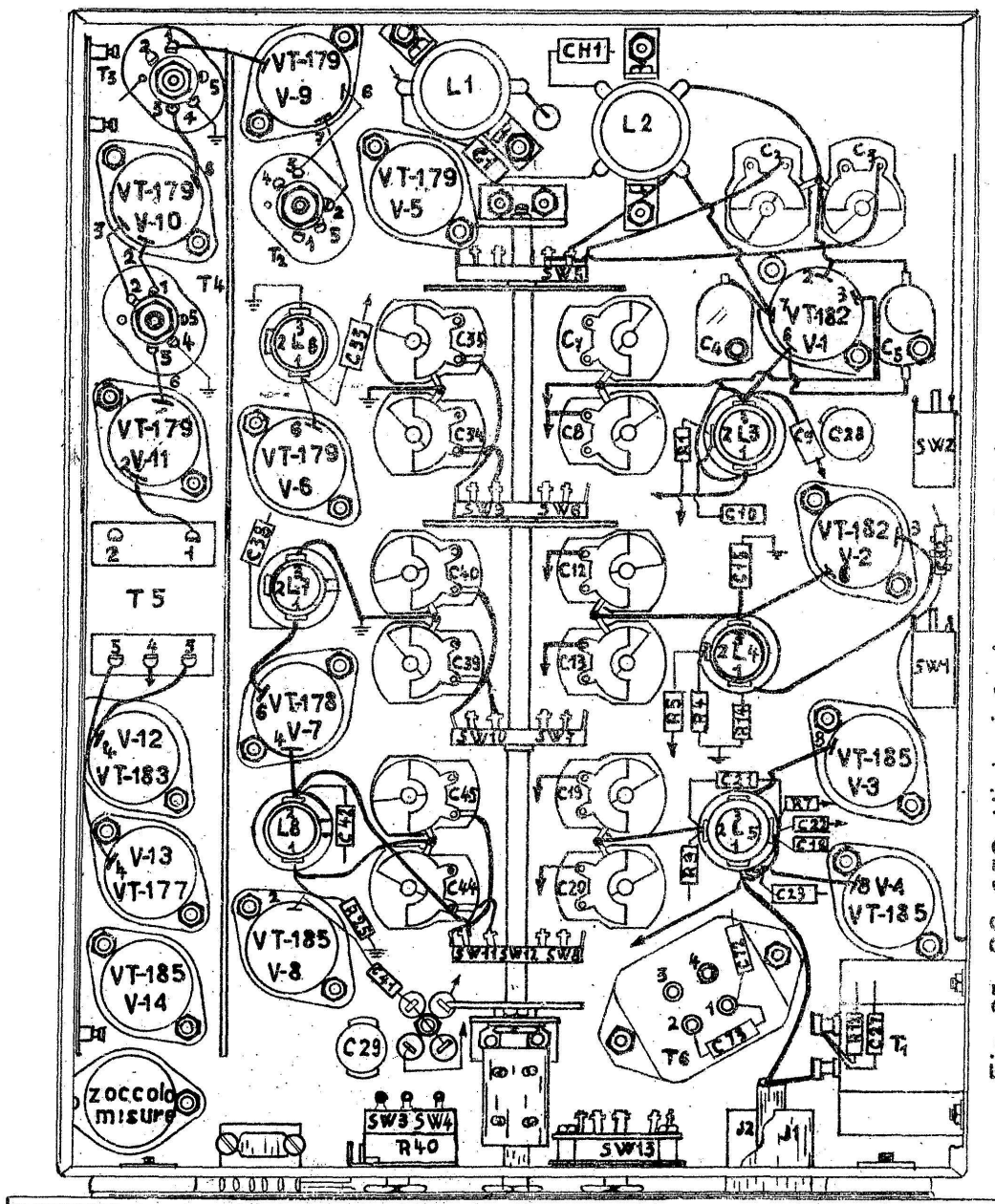
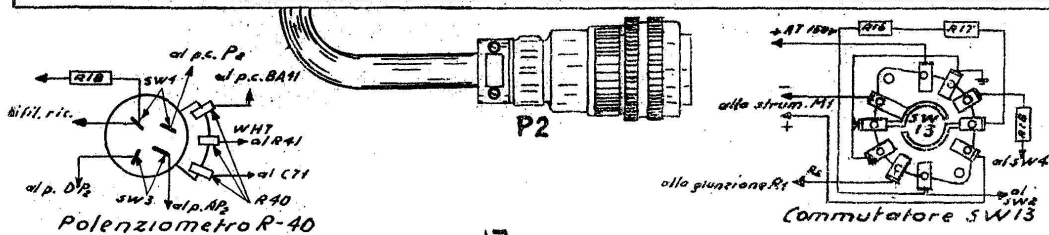


Fig. 25 BC-659 Vista inferiore de telaio



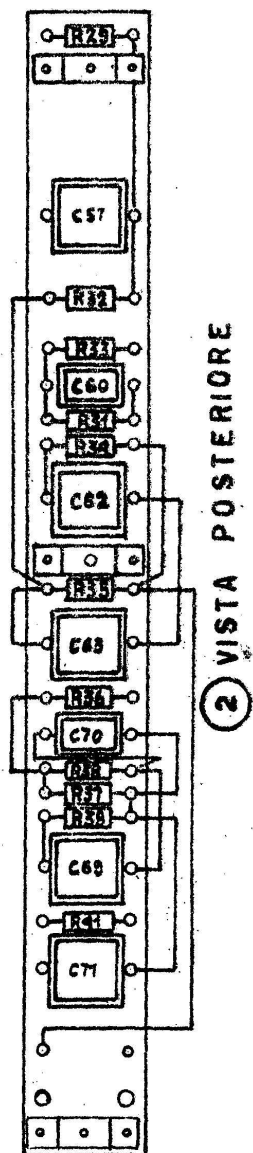
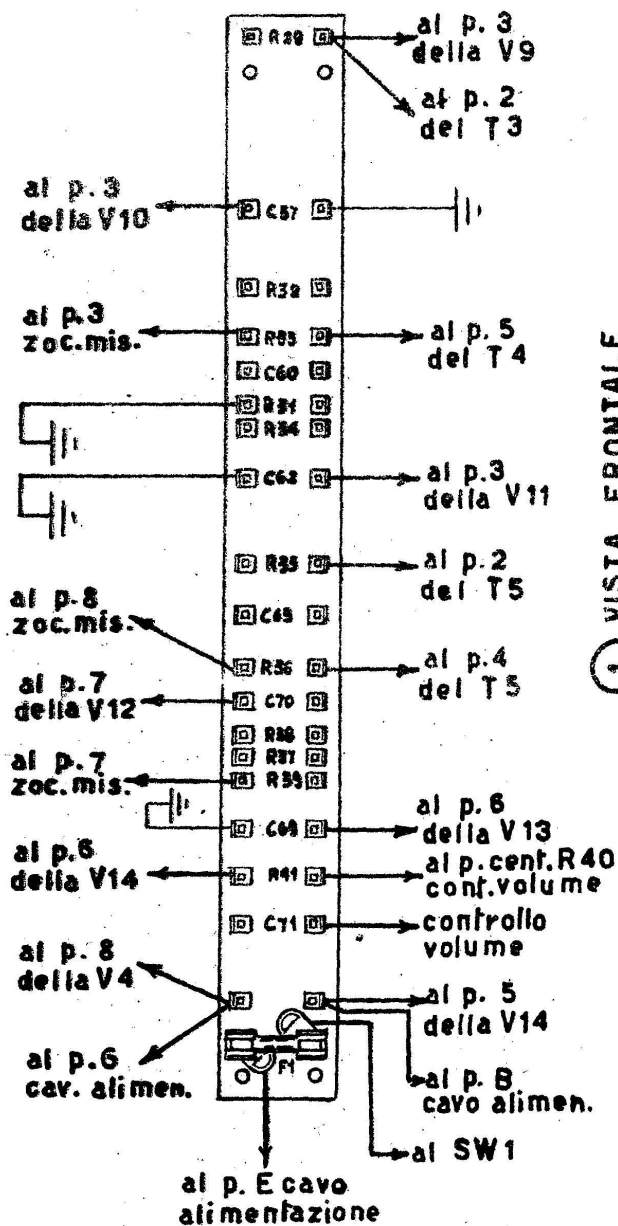


Fig. 26 BC-659 COLLEGAMENTI BASETTA TERMINALE

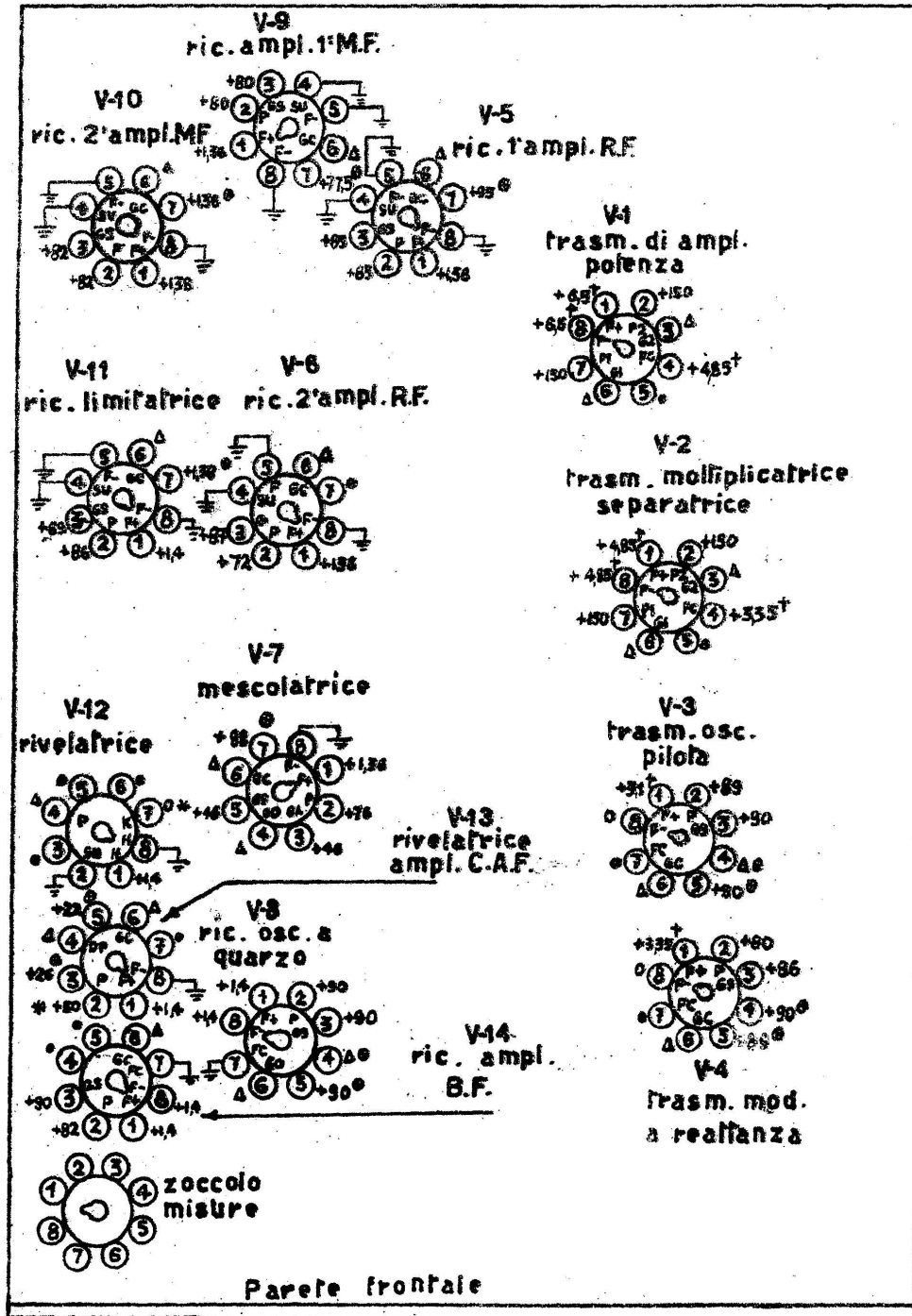


Fig. 27 BC-659 LETTURA DELLE TENSIONI AGLI ZOCCOLI DELLE VALVOLE

TABELLA VALORI

RESISTENZE

[illegible]

TABELLA VALORI

Ripartimenti Circuito	VALORI
C30	50 PF
C31	10000 PF
C32	10000 P
C33	10.000 PF
C34	50 PF
C35	50 PF
C36	10000 PF
C37	10000 PF
C38	10.000 PF
C39	50 PF
C40	30 PF
C41	1000 PF
C42	25 PF
C43	10000 PF
C44	50 PF
C45	50 PF
C46	10000 PF
C47	10000 PF
C48	10000 PF
C49	10000 PF
C50	5 PF
C51	20 PF
C52	10000 PF
C53	10.000 PF
C54	20 PF
C55	25 PF
C56	10.000 PF
C57	10.000 PF
C58	20 PF
C59	25 PF
C60	1000 PF
C61	10000 PF
C62	10000 PF
C63	10.000 PF
C65	29 PF
C66	29 PF
C67	29 PF
C68	50 PF

C69	10000	
C70	50	PF
C71	10.000	PF
C72	5000	PF
C74	40	PF
C75	56	PF
C76	30000	PF

RESISTENZE		
Referenzia Circuito	VALORI	
R19	410K	Ω
R20	1M	Ω
R21	22K	Ω
R22	1M	Ω
R23	1M	Ω
R24	470K	Ω
R25	470K	Ω
R26	15K	Ω
R27	470K	Ω
R28	820	Ω
R29	220	Ω
R30	470K	Ω
R31	100K	Ω
R32	820	Ω
R33	1M	Ω
R34	100K	Ω
R35	820	Ω
R36	1M	Ω
R37	270	Ω
R38	270	Ω
R39	1M	Ω
R40	1M	Ω
R41	100K	Ω

SCR 509-510-TRASMETTITORE BC-620

TABELLA VALORI

CONCENTRATOR

Differenziale Circuito	VALORI	
(1)	10	pF
(2)	35	pF
(3)	35	pF
(4)	5	pF
(5)	5	pF
(6)	50	pF
(7)	50	pF
(8)	22	pF
(9)	22	pF
(10)	1500	pF
(11)	5000	pF
(12)	75	pF
(13)	75	pF
(14)	50	pF
(15)	50	pF
(16)	250	pF
(17)	250	pF
(18)	250	pF
(19)	50	pF
(20)	140	pF
(21)	140	pF
(22)	80	pF
(23)	1000	pF
(25)	1000	pF
(26)	100	pF
(27)	250	pF
(28)	50	pF
(29)	250	pF
(30)	0,5	MF
(31)	25	MF Elet. 50
(32)	5000	pF
(33)	500	pF

RESISTENZA

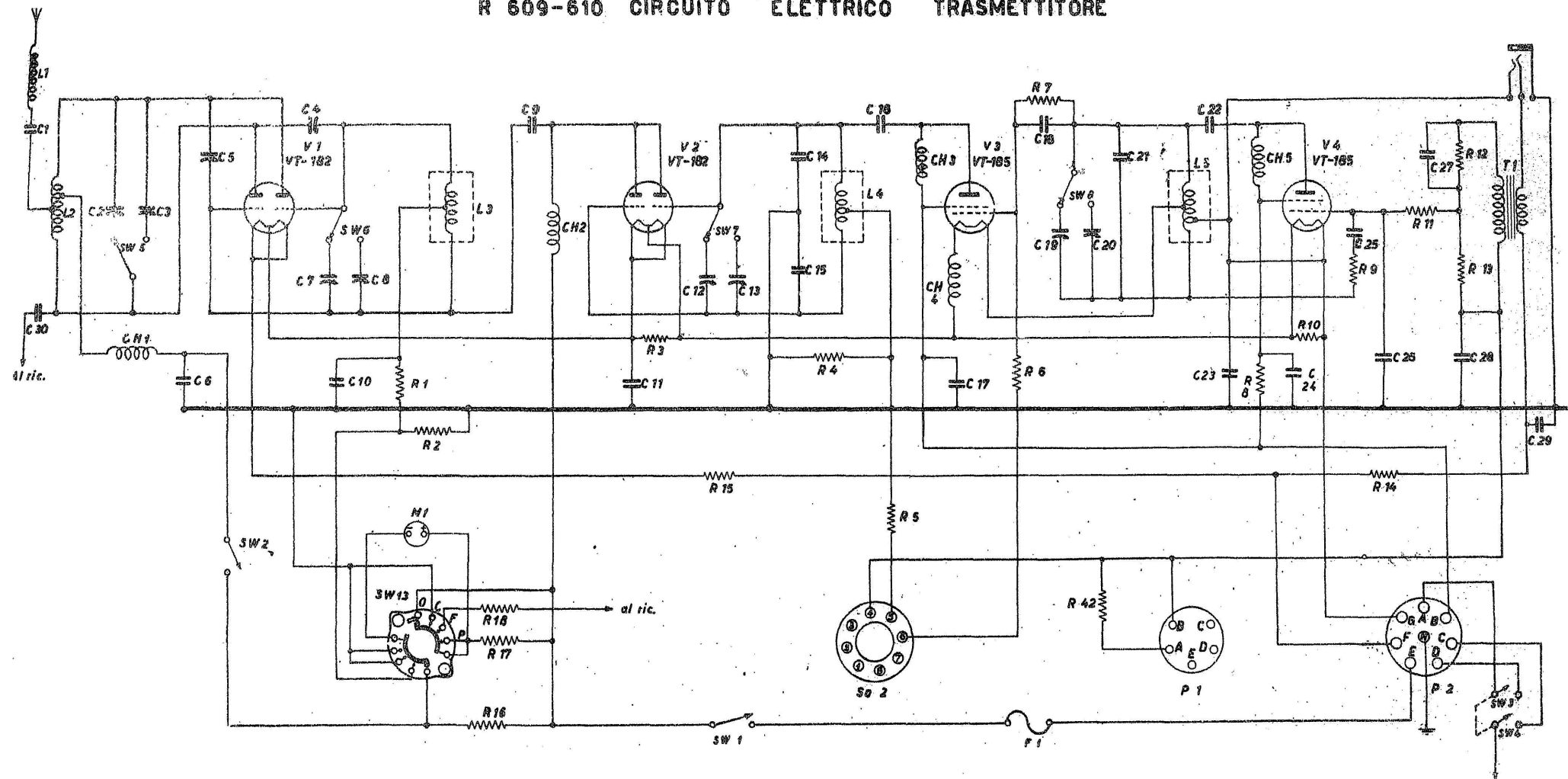
[illegible]

TABELLA VALORI

[illegible]

R 609-610 CIRCUITO ELETTRICO TRASMETTITORE

Allegato II



V-1	VT-182	JAN-387-1291	Amplif. potenza.
V-2	"	" " "	Duplic. separ.
V-3	VT-185	JAN-386-1299	Oscill. Pilota
V-4	"	" " "	Mod. e reatt.

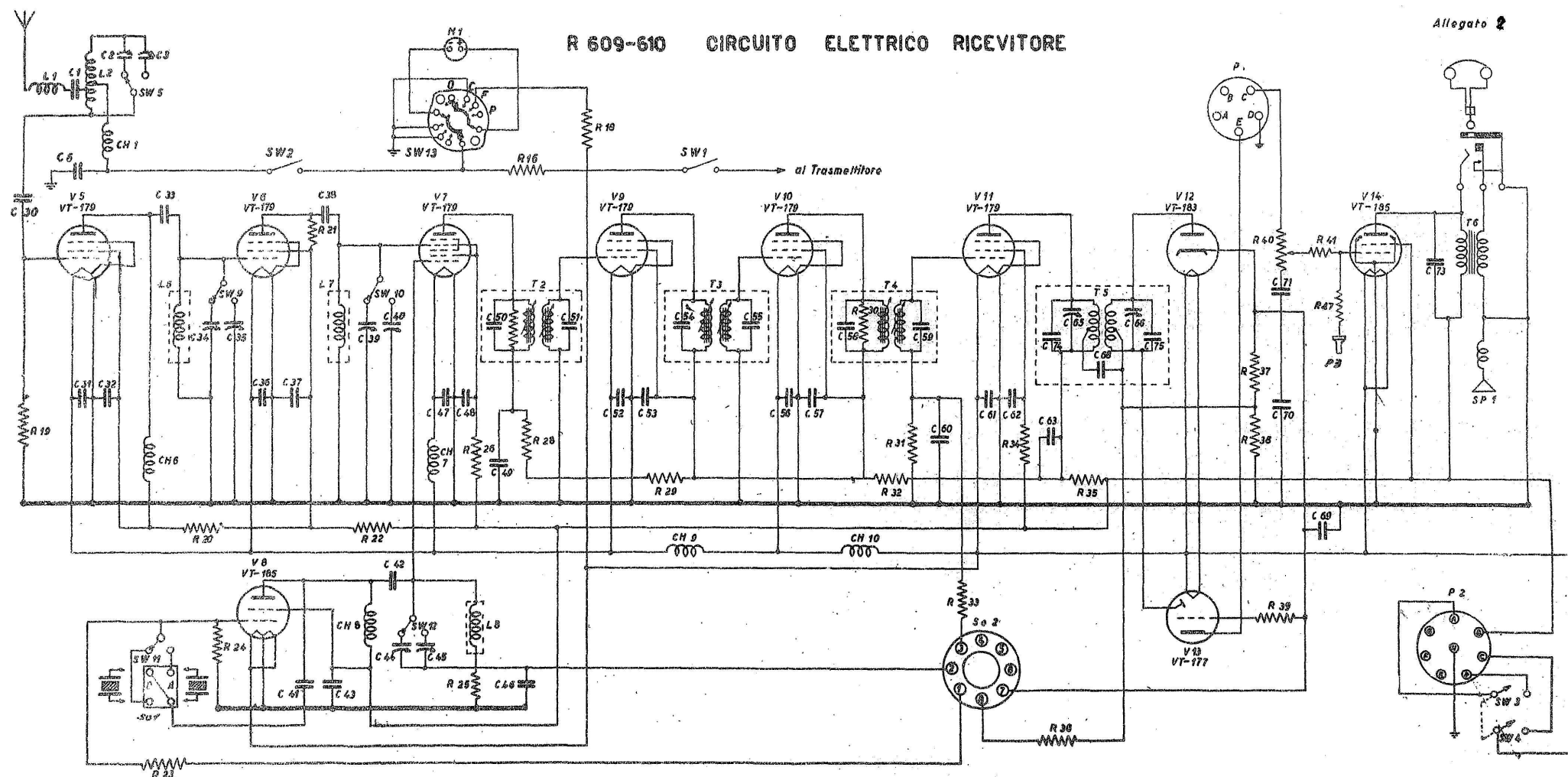
P-1	Spina innesto 0-0-0	SW-1	Interr. alimentaz.
P-2	" alimentaz.	SW-2	" " "

SW-3	Interr. alimentaz.	L-1	Bobina d'antenna
SW-4	" " "	L-2	" di carico V-1
SW-5	Comm. canale	L-3	" griglia V-1
SW-6	" " "	L-4	" " V-2
SW-7	" " "	L-5	" " osc. V-3
SW-8	" " "	T-1	Trasf. microfonic.
SW-13	Comm. dello strument.	M-1	Strum. di misura

CH-1	Imped. carico V-1
CH-2	" " V-2
CH-3	" " V-3
CH-4	" blocco A.F.
CH-5	" carico V-4

SO-1	Zoccolo per le misure
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R 609-610 CIRCUITO ELETTRICO RICEVITORE



V-5	VT-170	JAN-1LH5	1° Amplif. A.F.
V-6	"	" - "	2° " "
V-7	VT-170	" - 1LC6	Mescolatrice
V-8	VT-185	JAN-306-1299	Osc. loc. a quarzo
V-9	VT-170	JAN-1LH5	1° Amplif. M.F.
V-10	"	" - "	2° " "
V-11	"	" - "	Limitatrice
V-12	VT-183	JAN-1A4-1294	Diodo raddriz.

V-13	VT-177	JAN-1LHA	Diodo raddriz. e diodo amplif.
V-14	VT-185	JAN-306-1299	Amplif. b.f.

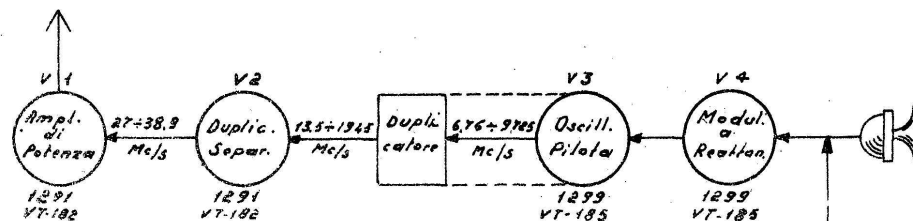
SW-1	Interr. alim. anod.
SW-2	" " "
SW-3	" alimentaz.
SW-4	" " "
SW-5	Comm. canale

SW-9	Comm. canale
SW-10	" " "
SW-11	" " "
SW-12	" " "
SW-13	" dello strum.

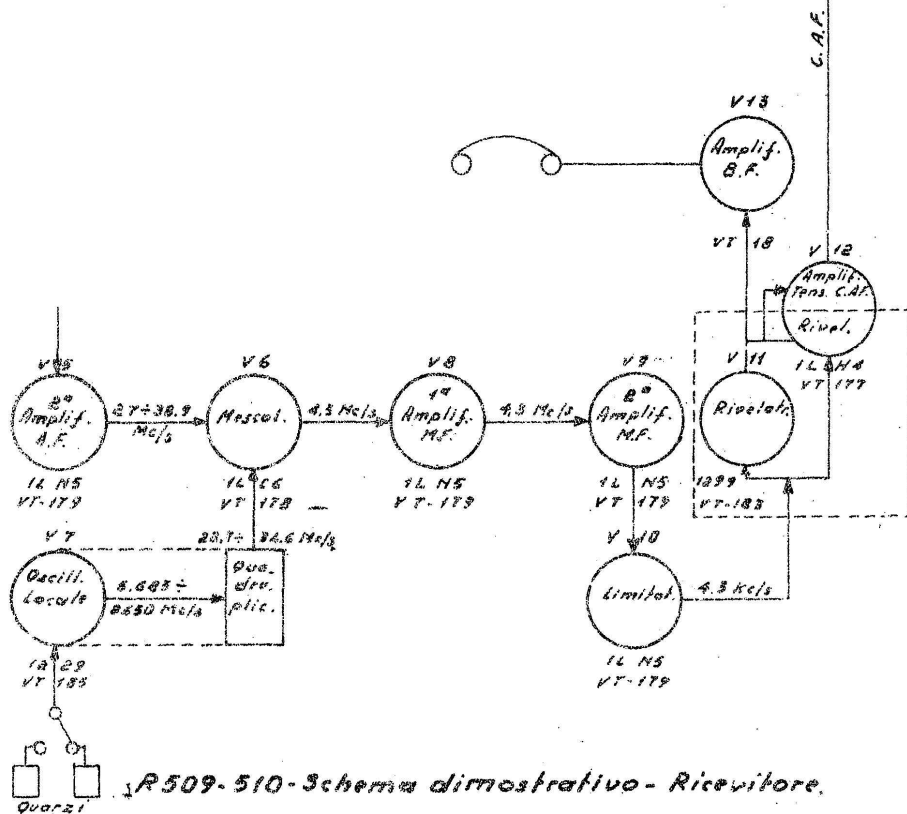
L-1	Bobina d'antenna
L-2	" anodica
L-6	" sint. griglia V-6
L-7	" " " V-7
L-8	" " placca V-3
P-1	Spina innesto BA-41
P-2	" alimentaz.
P-3	Puntale per le mis.

CH-1	Imped. di carico V-1
CH-6	" " V-5
CH-7	" A.F. dei filamen.
CH-8	" di carico V-8
CH-9	" A.F. dei filam.
CH-10	" " "
SO-1	Zoccolo porta quarz.
SO-2	Zoccolo misure

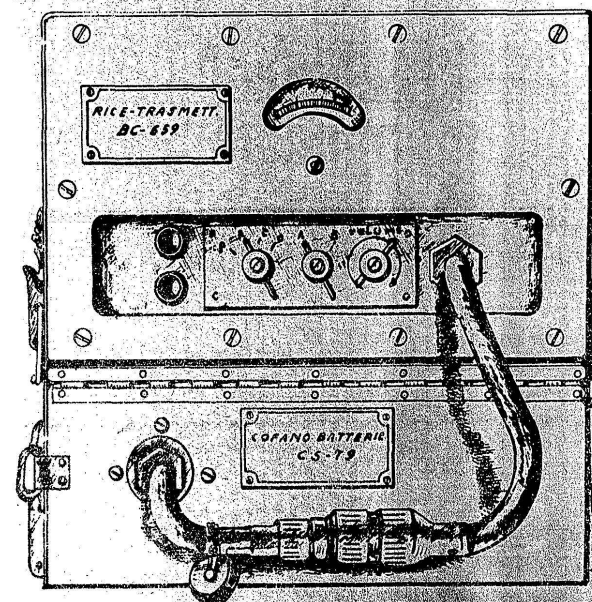
T-2	Trasform. M.F.
T-3	" "
T-4	" " "
T-5	" " "
T-6	" uscita b.f.
M-1	Strum. di misura
X-A	Quarzo impiegato
X-B	Quarzo impiegato



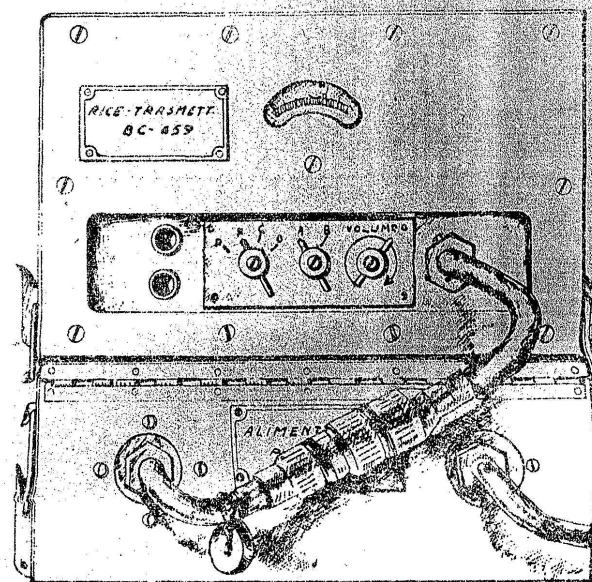
R509-510-Schema dimostrativo - Trasmettitore.



R509-510-Schema dimostrativo - Ricevitore.



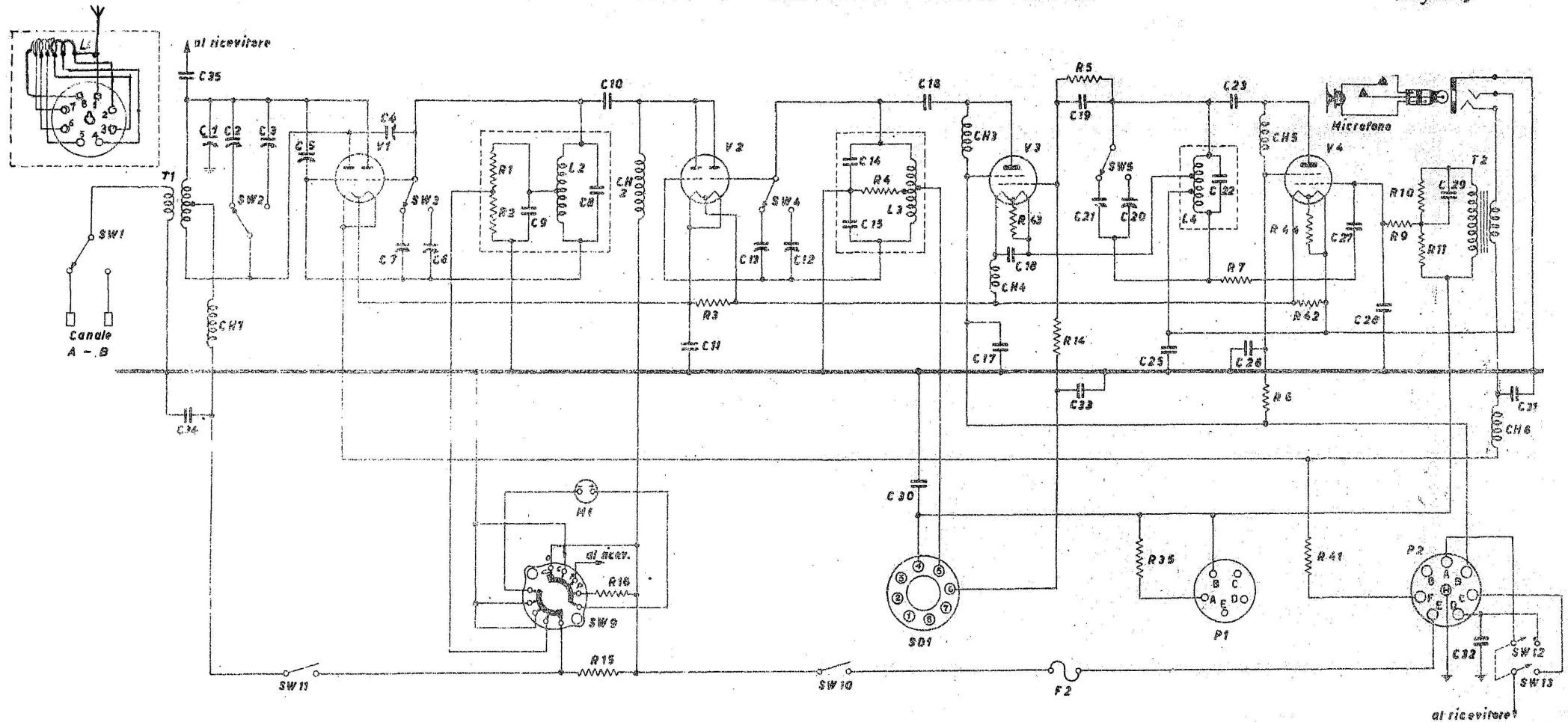
R509-Pannello Rice-trasmett. BC-620 e cofano batterie CS-79



R510-Pannello Rice-trasm. BC-620 e alimentatore PE-117(vibrat.)

R 509-510 CIRCUITO ELETTRICO TRASMETTITORE

Allegato 4



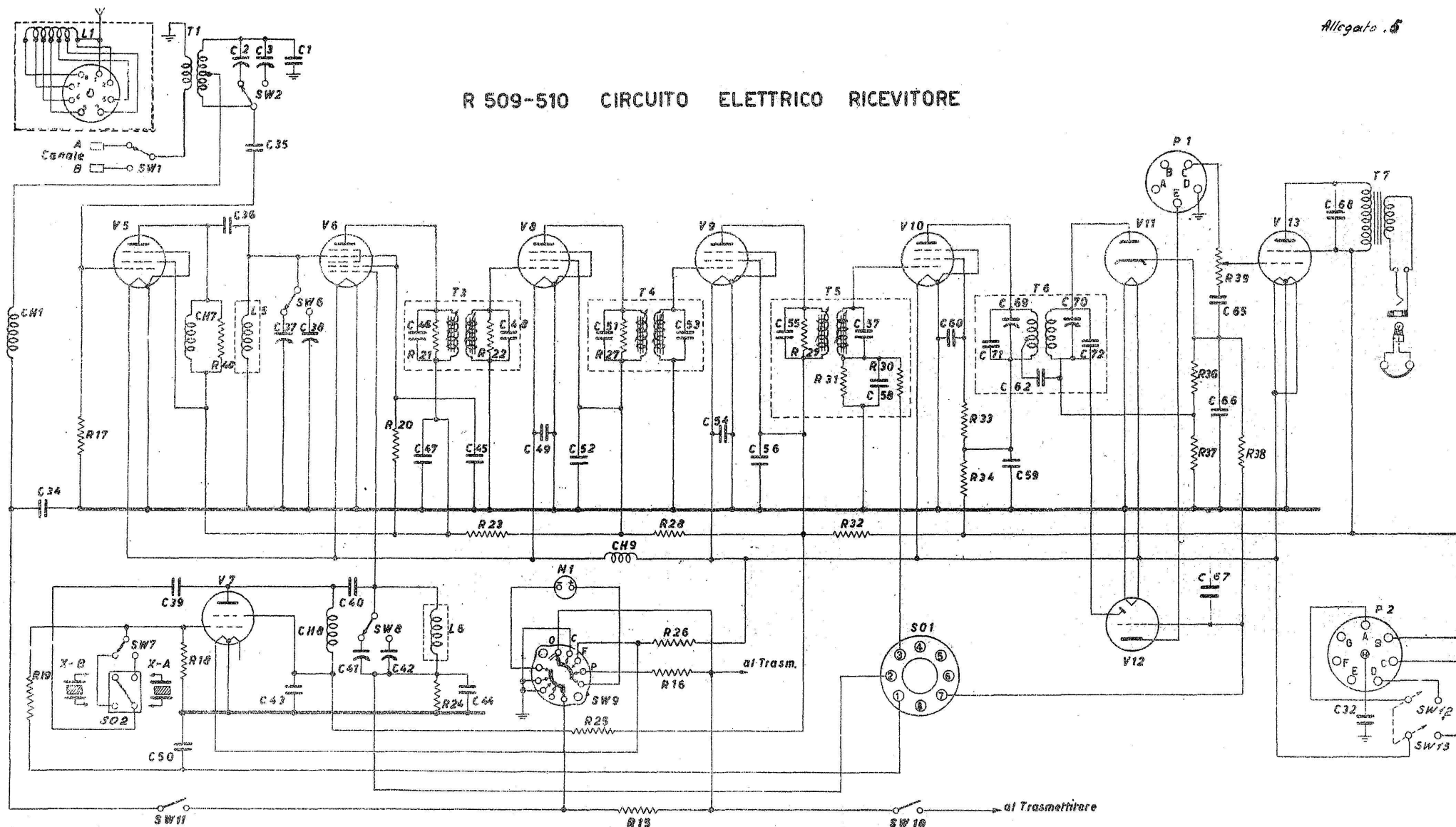
V-1	VT-182	JAN 387/1294	Amplif. Potenza
V-2	" "	" "	Duplic. Separatr.
V-3	VT-185	JAN 306/1899	Oscillatrice Pilota
V-4	" "	" "	Modul. Reattanza
SD-1	Zoccolo per misura		
T-1	Trasform. R.F.		
T-2	" microfonica		
M-1	Strum. di misura		
P-1	Spina innesto BA-41		
P-2	Spina d'alimentaz.		

SW-1	Commut. di canale
SW-2	" "
SW-3	" "
SW-4	" "
SW-5	" "
SW-10	Interr. alim. anodica
SW-11	" "

SW-12	Interrutt. alimentazione
SW-13	" "
L-1	Bobina d'antenna
L-2	" del circ. di griglia V-1
L-3	" " " V-2
L-4	" " " Osc. V-3
CH-1	Imped. di carico della V-1

CH-2	Imped. di carico della V-2
CH-3	" " " V-3
CH-4	" di blocco di R.F.
CH-5	" di carico della V-4
CH-6	" di filtro di b.f.
X-A	Quarzo impiegato
X-B	" " "

R 509-510 CIRCUITO ELETTRICO RICEVITORE



V5	VT-179	JAN-1L175	Amplif. A.F.
V6	VT-178	JAN-1LC6	Mescolatrice
V7	VT-185	JAN-3AG1299	Oscill. a quarz.
V8	VT-179	JAN-1L175	1° Ampl. M.F.
V9	"	"	2° Ampl. M.F.
V10	"	"	Limitatrice
V11	VT-183	JAN-1R41294	Diado discrim.

V12	VT-177	JAN-1LH4	Diado discrim. Triode Amplif.
V13	VT-185	JAN-3AG1299	Ampl. finale b.f.
P-1	Spina innesto BAA1		
P-2	Spina d'aliment.		
P-3			
S0-1	Zoccolo per misur.		
T-1	Trasform. M.F.		
T-3-4-5-6	" M.F.		
T-7	" B.F.		
S0-2	Zoccolo portaquar.		

SW1	Comm. di canale
SW2	"
SW6	"
SW7	"
SW8	"
SW9	" dello strum.
SW10	Interr. alim. anodico

SW11	Interr. alim. anodico
SW12	" alimentaz.
SW13	"
L-1	Bobina d'antenna
L-5	" sint. griglia V6
L-6	Bobina sint. piastre (oscillatrice)

CH-1	Imped. di carico della V
CH-7	" " " V5
CH-8	" " " V7
CH-9	Imped. A.F. del filamen.
X-R	Quarzo impiegato
M-1	Strum. di misura