

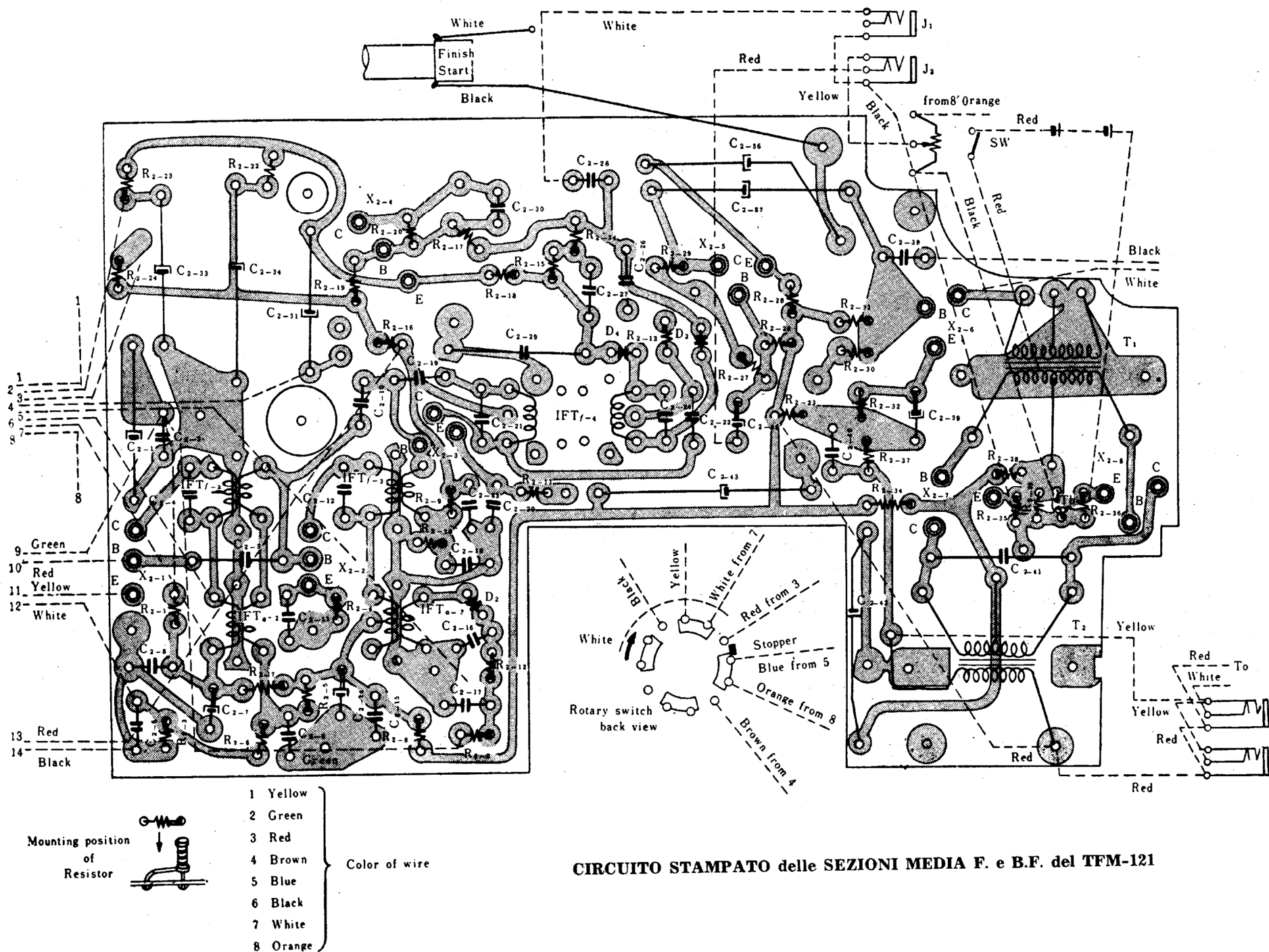


Tabella delle tensioni e delle correnti del TFM - 121

		Voltage	Current	To be adjusted by replacing
X ₁₋₁ UHF Amp.	E	1.2 ₅		
	B	1.4 ₅		
	C	4.9 ₅		
X ₁₋₂ FM Oscil.	E	0.75~0.87 ₁	750~870 μ A	R ₂₋₁₉
	B	1.0 ₅		
	C	4.1 ₅		
X ₁₋₃ FM mix.	E	1.2 ₅		
	B	1.5 ₅		
	C	5 ₅		
X ₁₋₄ AM mix.	E	5.1 ₁₀	350~400 μ A	R ₁₋₁₃
	B	4.8 ₅		
	C	0		
X ₂₋₁ IF ₁	E	0.25 ₁	350~400 μ A	R ₂₋₂
	B	0.41 ₁		
	C	5.7 ₁₀		
X ₂₋₂ IF ₂	E	0.4 ₁		
	B	0.6 ₁		
	C	5.8 ₁₀		
X ₂₋₃ FM Lim.	E	1.1 ₅		
	B	1.4 ₅		
	C	5.2 ₁₀		
X ₂₋₄ DC Amp.	E	1.8 ₅		
	B	1.1 ₅		
	C	0		
X ₂₋₅ AF ₁	E	5.1 ₁₀		
	B	5.0 ₁₀		
	C	0.6 ₁		
X ₂₋₆ AF ₂	E	5.0 ₁₀		
	B	4.7 ₅		
	C	0.2 ₁		
X _{2-7,2-8} PA	E	0.025 _{1,0}		
	B	0.18 _{1,0}		
	C	2.3 ₁₀		

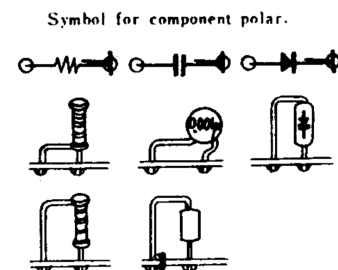
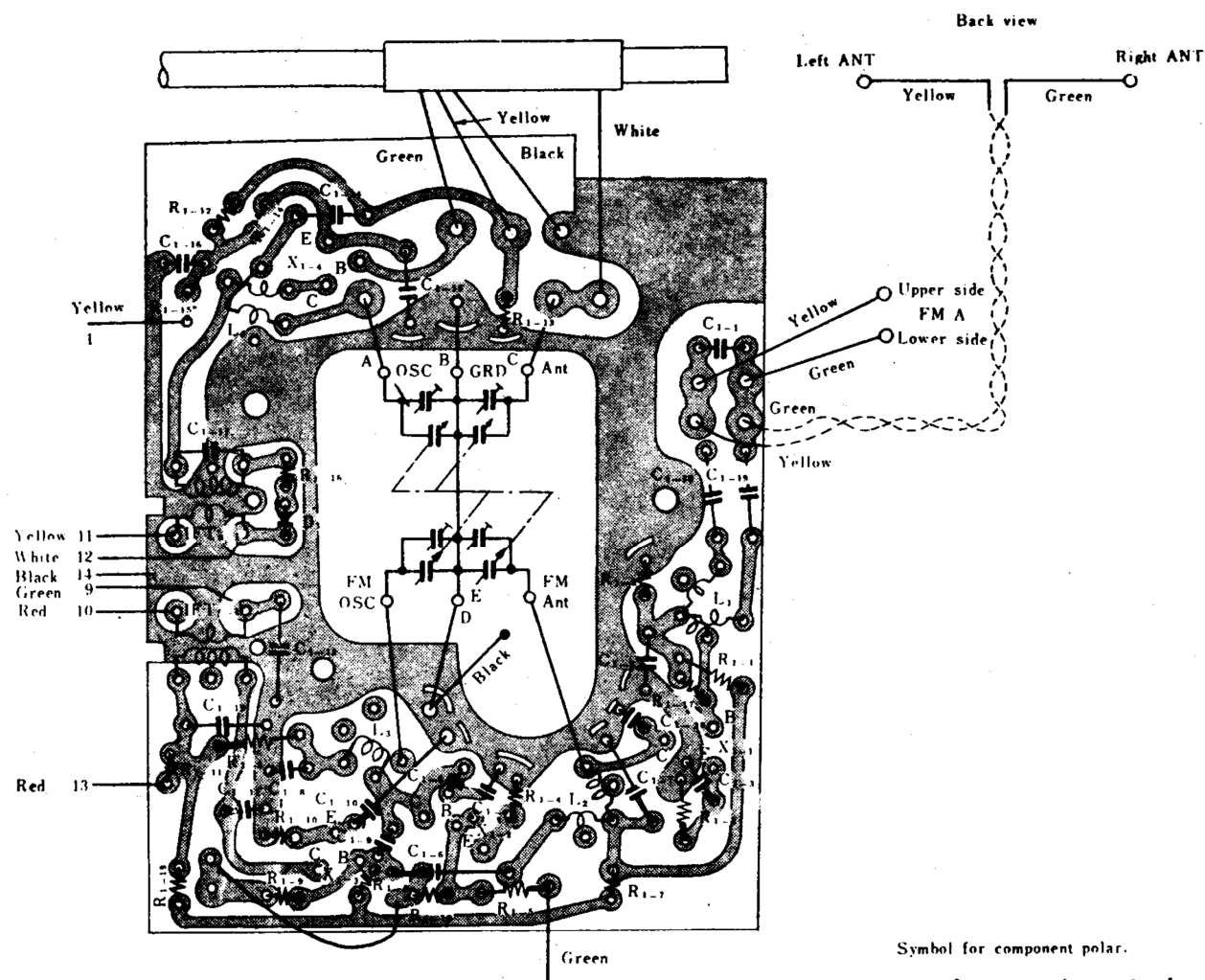
I numeri al piede dei valori di tensione stanno ad indicare la portata del voltmetro usato per eseguire la misura.

Resistenza interna del voltmetro = 20.000 Ω /V.

Tensione della batteria: 6,3 V (valore di una batteria nuova).

La corrente venne calcolata in base alla caduta di tensione ai capi della resistenza di emettitore.

CIRCUITO STAMPATO della SEZIONE A.F. del TFM - 121



Symbol	Description	Symbol	Description	Symbol	Description	Symbol	Description
R ₁₋₁	7.5 k Ω 1/8 W 5%	R ₂₋₃	1.2 k Ω 1/8 W 10%	C ₂₋₈	0.01 μ F	X ₂₋₄	2T64 (2SD64)
R ₁₋₂	3.3 k Ω " "	R ₂₋₄	1 k Ω " 5%	C ₂₋₉	0.01 μ F	X ₂₋₅	2T6 (2SD65)
R ₁₋₃	2.2 k Ω " 10%	R ₂₋₅	33 k Ω " "	C ₂₋₁₀	2 pF	X ₂₋₆	2T6 (2SD65)
R ₁₋₄	1 k Ω " 5%	R ₂₋₆	3.3 k Ω " "	C ₂₋₁₁	0.01 μ F	X ₂₋₇	2T3 (2SB51)
R ₁₋₅	1 k Ω " "	R ₂₋₇	27 Ω " 10%	C ₂₋₁₂	80 pF	X ₂₋₈	2T3 (2SB51)
R ₁₋₆	1 k Ω " "	R ₂₋₈	27 Ω " "	C ₂₋₁₃	180 μ F	D ₁	1T23G
R ₁₋₇	75 Ω " 10%	R ₂₋₉	2.7 k Ω " 5%	C ₂₋₁₄	10 μ F 6 V	D ₂	1T23G
R ₁₋₈	10 k Ω " 5%	R ₂₋₁₀	1 k Ω " "	C ₂₋₁₅	0.01 μ F	D ₃	1T23G
R ₁₋₉	4.7 k Ω " "	R ₂₋₁₁	2.7 k Ω " "	C ₂₋₁₆	0.01 μ F	D ₄	1T23G
R ₁₋₁₀	2.2 k Ω " 10%	R ₂₋₁₂	1.2 k Ω " 10%	C ₂₋₁₇	0.02 μ F	Th	S-250
R ₁₋₁₁	75 Ω " "	R ₂₋₁₃	22 k Ω " 5%	C ₂₋₁₈	0.01 μ F	VC _{1,2}	FM
R ₁₋₁₂	10 k Ω " 5%	R ₂₋₁₄	56 k Ω " "	C ₂₋₁₉	1 pF	VC _{3,4}	AM PVC2F
R ₁₋₁₃	56 k Ω " "	R ₂₋₁₅	56 k Ω " "	C ₂₋₂₀	0.01 μ F	TC _{1,2}	Trimmer for FM
R ₁₋₁₄	2.2 k Ω " 10%	R ₂₋₁₆	27 Ω " 10%	C ₂₋₂₁	80 pF	TC _{3,4}	Trimmer for FM
R ₁₋₁₅	75 Ω " "	R ₂₋₁₇	10 k Ω " 5%	C ₂₋₂₂	50 pF	F	Feeder for FM rod
R ₁₋₁₆	18 k Ω 5%	R ₂₋₁₈	56 k Ω " "	C ₂₋₂₃	0.01 μ F		Ant
R ₁₋₁₇	1 k Ω 10%	R ₂₋₁₉	220 k Ω " "	C ₂₋₂₄	80 pF	LA _{1,2}	Rod Ant. for FM
R ₁₋₁₈	18 k Ω 5%	R ₂₋₂₀	100 k Ω " "	C ₂₋₂₅	0.05 μ F	L ₁	FM Ant. coil
R ₁₋₁₉	75 Ω 10%	R ₂₋₂₁	—	C ₂₋₂₆	200 pF	L ₂	" RF "
C ₁₋₁	10 pF	R ₂₋₂₂	5.6 k Ω 1/8 W 10%	C ₂₋₂₇	200 pF	L ₃	" Oscillator coil
C ₁₋₂	0.001 μ F	R ₂₋₂₃	5.6 k Ω " "	C ₂₋₂₈	—	L ₄	AM Ant. coil
C ₁₋₃	20 pF	R ₂₋₂₄	27 Ω " "	C ₂₋₂₉	0.1 μ F	L ₅	" Oscillator coil
C ₁₋₄	0.001 μ F	R ₂₋₂₅	5 k Ω Volume control	C ₂₋₃₀	0.01 μ F	IFT _{F-1}	FM IFT
C ₁₋₅	3 pF	R ₂₋₂₆	3.3 k Ω 1/8 W 5%	C ₂₋₃₁	10 μ F 6 V	IFT _{F-2}	" "
C ₁₋₆	0.001 μ F	R ₂₋₂₇	22 k Ω " "	C ₂₋₃₂	—	IFT _{F-3}	" "
C ₁₋₇	0.001 μ F	R ₂₋₂₈	1.2 k Ω " 10%	C ₂₋₃₃	10 μ F 6 V	IFT _{F-4}	Discriminator
C ₁₋₈	0.001 μ F	R ₂₋₂₉	1.2 k Ω " "	C ₂₋₃₄	100 μ F 6 V	IFT _{A-1}	AM IFT
C ₁₋₉	3 pF	R ₂₋₃₀	12 k Ω " 5%	C ₂₋₃₅	10 μ F 6 V	IFT _{A-2}	" "
C ₁₋₁₀	0.001 μ F	R ₂₋₃₁	3.3 k Ω " "	C ₂₋₃₆	100 μ F 6 V	IFT _{A-3}	" "
C ₁₋₁₁	80 pF	R ₂₋₃₂	470 Ω " 10%	C ₂₋₃₇	10 μ F 6 V	T ₁	Drawing transf. 1K:3K
C ₁₋₁₂	0.005 μ E	R ₂₋₃₃	5 Ω " "	C ₂₋₃₈	0.1 μ F	T ₂	Output 200 Ω : 8 Ω
C ₁₋₁₃	0.005 μ F	R ₂₋₃₄	75 Ω " "	C ₂₋₃₉	100 μ F 3 V	J ₁	Multiplex output
C ₁₋₁₄	0.005 μ F	R ₂₋₃₅	5 Ω " 5%	C ₂₋₄₀	0.05 μ F	J ₂	Detector
C ₁₋₁₅	0.005 μ F	R ₂₋₃₆	5 Ω " "	C ₂₋₄₁	0.1 μ F	J ₃	Earphone jack
C ₁₋₁₆	0.005 μ F	R ₂₋₃₇	220 Ω " "	C ₂₋₄₂	100 μ F 6 V	J ₄	" "
C ₁₋₁₇	180 pF	R ₂₋₃₈	5 k Ω " 10%	C ₂₋₄₃	100 μ F 6 V	S ₁₋₁	Rotary switch
C ₁₋₁₈	0.001 μ F	R ₂₋₃₉	220 Ω " "	C ₂₋₄₄	0.005 μ F	S ₁₋₂	" "
C ₁₋₁₉	0.001 μ F	C ₂₋₁	10 μ F 6 V	X ₁₋₁	2T203 (2SA124)	S ₁₋₃	" "
C ₁₋₂₀	5 pF	C ₂₋₂	0.01 μ F	X ₁₋₂	2T203 (2SA124)	S ₂	Tone control
C ₁₋₂₁	5 pF	C ₂₋₃	1 pF	X ₁₋₃	2T203 (2SA124)	S ₃	R ₂₋₃₅
C ₁₋₂₂	5 pF	C ₂₋₄	60 pF	X ₁₋₄	2T73 (2SC73)	SP	3 1/8" x 4 3/4" 8 Ω
C ₁₋₂₃	5 pF	C ₂₋₅	180 pF	X ₂₋₁	2T201-z (2SA122)		
R ₂₋₁	39 k Ω 1/8 W 5%	C ₂₋₆	0.01 μ F	X ₂₋₂	2T201-z (2SA122)		
R ₂₋₂	7.5 k Ω " "	C ₂₋₇	10 μ F 6 V	X ₂₋₃	2T201-z (2SA122)		

R ₁₋₁₆	18 k Ω to 8.2 k Ω
R ₁₋₂₀	75 Ω added
C ₁₋₃	20 pF to 0.001 μ F
R ₂₋₁	39 k Ω to 62 k Ω
R ₂₋₂	4.7 k Ω to 7.5 k Ω
R ₂₋₃	1.2 k Ω to 470 Ω
R ₂₋₄	1 k Ω to 560 Ω
R ₂₋₁₂	1.2 k Ω 2.2 k Ω
R ₂₋₃₈	5 k Ω to 4.3 k Ω
C ₁₋₁₈	0.001 μ F eliminated
C ₁₋₁₉	0.001 μ F "
C ₁₋₂₀	5 pF "

Valore dei componenti
per la versione migliorata