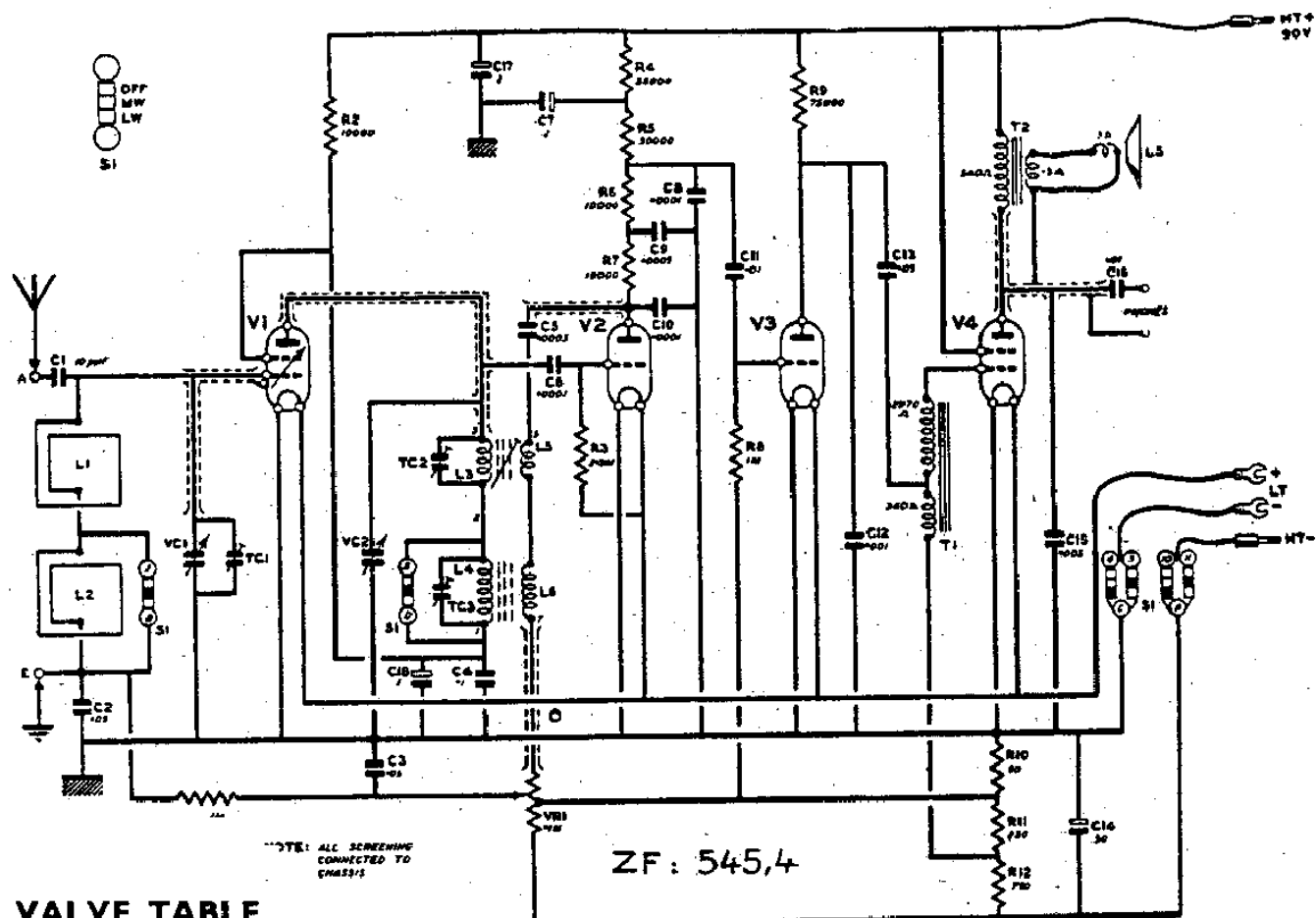


MARCONI 1402



VALVE TABLE

The following readings were taken with an H.T. battery reading 90 volts between maximum and H.T.-on load. Values are ± 20 per cent., frame aerial connected, and receiver switched to MW and tuned to point of no reception. Resistance readings taken with valves removed and batteries disconnected. S = Short Circuit; ∞ = open circuit. Socket numbers are given in brackets.

VALVES.		V1 (W21)	V2 (HL21)	V3 (HL2)	V4 (KT2)
ANODE	Volts to chassis ...	70-83*	35	50	80
	Current (mA) ...	1.0-0*	0.4	0.5	4.5
	Resistance to chassis ...	(cap) ∞	(1) ∞	(1) ∞	(1) ∞
SCREEN	Volts to chassis ...	68-80*	—	—	83
	Current (mA) ...	0.3-0*	—	—	0.8
	Resistance to chassis ...	(1) ∞	—	—	(5) ∞
BIAS	Voltage ...	0.6-0*	—	0.3	2.0
	Measured ...	Slider VR1 to chassis	—	Tap on VR1 to chassis	Junction R11, R12 and chassis
GRID	Resistance to chassis ...	(2) 1 megohm	(2) ∞	(2) 1 megohm	(2) 3,590
FILAMENT	Volts across sockets ...	2	2	2	2
	Current (amps) ...	0.1	0.1	0.1	0.2
	Resistance to chassis (3) ...	S	S	S	S
	Resistance to chassis (4) ...	∞	∞	∞	∞

* Varies with setting of VR1.
Where two values are given the first is for VR1 at maximum.

Total H.T. consumption (measured at H.T.-plug) Min. 6.5 mA.
Total L.T. consumption ... Max. 7.3 mA.
0.5 ampere.