



Fleetwood 55-53

* MEASURE WITH V.T.V.M.
ALL VOLTAGES ARE TAKEN
FROM SOCKET PRONGS TO B-

Fleetwood 55-53

Tuning Range 540 Kc to 1620 Kc. Intermediate frequency—455 Kc. IF and RF measurements made at .05 watt output—approximately .4 volts on a rectifier type voltmeter connected across the voice coil.

Approximate input for .05 watt output: IF 100 uv. RF with standard loop: at 600 Kc, 800 uv/m; at 1000 Kc, 400 uv/m; at 1400 Kc, 350 uv/m. RF at external antenna connection: at 600 Kc, 300 uv; at 100 Kc, 150 uv; at 1400 Kc, 100 uv.

An isolation transformer should be used between the AC power line and the receiver for protection of any test equipment that must be operated from the same power line.

The volume control should be set at maximum position, keep output of signal generator as low as practical at all times and make adjustments with an insulated alignment screw driver.

ALIGNMENT DATA

Position of Variable	Generator Frequency	Dummy Ant.	Generator Connection	Adjust Trimers (in order shown)	Trimmer Function
Open	455 Kc	.05 mfd	Mixer Grid	A4, A3, A2, A1	I.F.
Open (Fully)	1640 Kc	50 mfd	*	A6	Osc.
1400 Kc	1400 Kc	50 mfd	*	A5	Ant.
1000 Kc	1000 Kc	50 mfd	*		Check Point
600 Kc	600 Kc	50 mfd	*	B—	Check Point

* A loop fashioned of several turns of wire radiating the signal into the receiver's antenna or through the external antenna connection.

