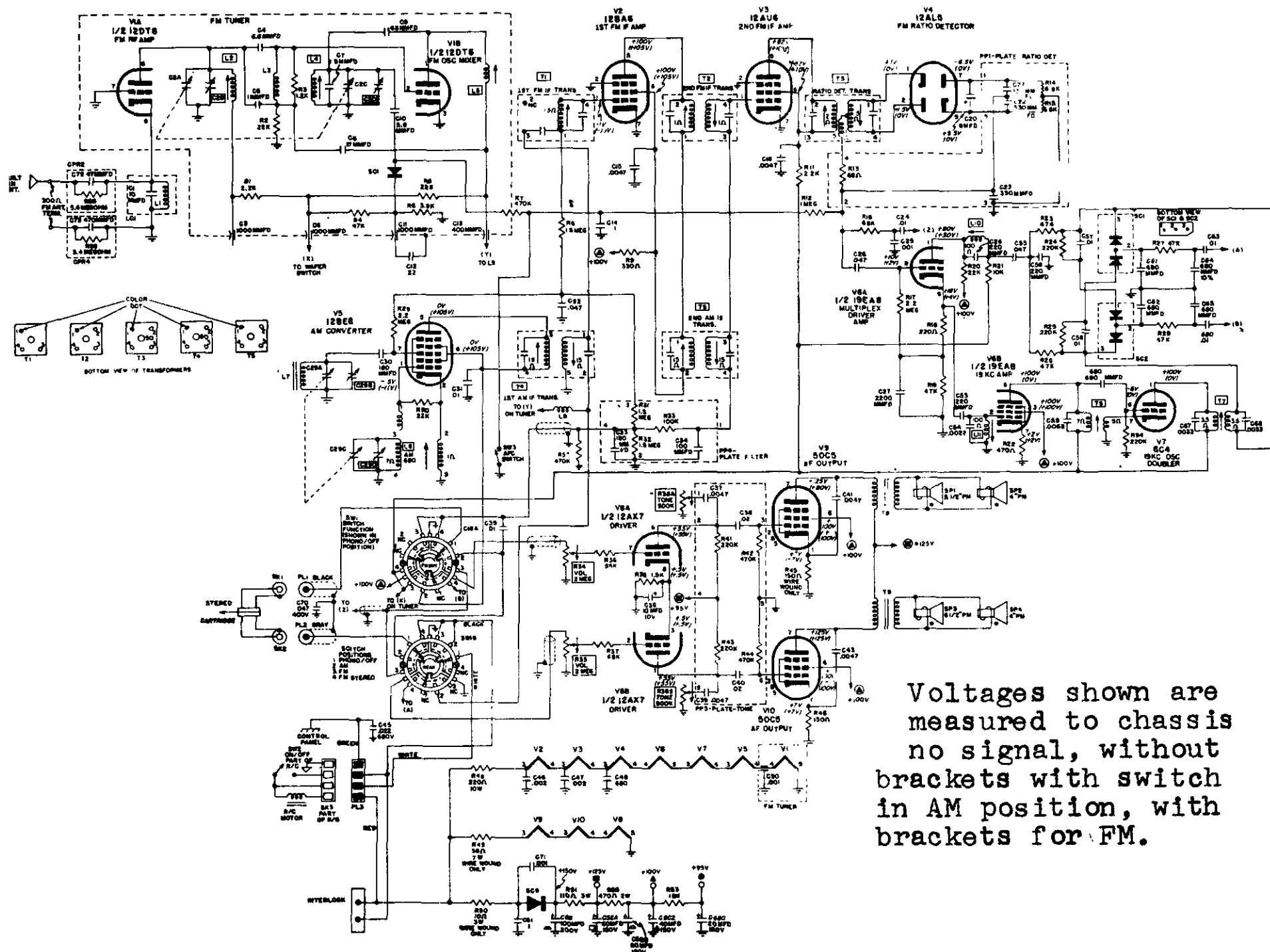


# SYLVANIA Chassis 702-2, Models SC26 Series



Voltages shown are measured to chassis no signal, without brackets with switch in AM position, with brackets for FM.

## — AM ALIGNMENT —

*(Selector switch in AM position)*

STEP	TUNING CAPACITOR SETTING	TEST EQUIPMENT HOOK-UP	GENERATOR FREQUENCY	ADJUSTMENT POINT	ADJUST FOR
1	Fully Open	<p>SIGNAL GENERATOR - "Hot" lead thru a .1 Mfd Capacitor to test point <b>(A)</b>. Ground lead to chassis.</p> <p>AC VOLTMETER - Across Speaker terminals of channel set at maximum volume.</p>	455 KC	<div>T5</div> Bottom <div>T5</div> Top <div>T4</div> Bottom <div>T4</div> Top	Maximum Meter Reading
2	Fully Open	Same as Step 1	1620 KC	<div>C29D</div> AM Osc. Trimmer	Maximum Meter Reading
3	1400	<p>SIGNAL GENERATOR - Radiate signal to receiver through a loop consisting of several turns of wire.</p> <p>AC VOLTMETER - Same as Step 1.</p>	Set generator to a frequency corresponding to receiver dial (until signal is heard through receiver speaker.)	<div>C29B</div> AM Ant. Trimmer	Maximum Meter Reading

## — FM ALIGNMENT —

*(Selector switch in FM position)*

STEP	TUNING CAPACITOR SETTING	TEST EQUIPMENT HOOK-UP	GENERATOR FREQUENCY	ADJUSTMENT POINT	ADJUST FOR
1	Point of non-inter- ference	<p>SIGNAL GENERATOR - "Hot" lead through a .005 Mfd capacitor to test point <b>(B)</b>. Ground lead to chassis.</p> <p>AC VOLTMETER - "Hot" lead to test point <b>(C)</b>. Ground lead to chassis.</p>	10.7 MC	<div>T3</div> Bottom <div>T2</div> Bottom <div>T2</div> Top <div>T1</div> Top <div>L5</div>	Maximum Meter Reading
2	Same as Step 1	<p>SIGNAL GENERATOR - Same as Step 1.</p> <p>AC VOLTMETER - "Hot" lead to test point <b>(D)</b>. Ground lead connected to chassis.</p>	10.7 MC	<div>T3</div> Top	Zero Meter Reading
3	108	<p>SIGNAL GENERATOR - Same as Step 1.</p> <p>AC VOLTMETER - Same as Step 1.</p>	108 MC	<div>C2D</div> FM Osc. Trimmer	Maximum Meter Reading

# **FM ALIGNMENT (Continued)**

4	88	<p>SIGNAL GENERATOR - Same as Step 1.</p> <p>AC VOLTMETER - Same as Step 1.</p>	88 MC	<div>C2B</div> FM Ant. Trimmer	Maximum Meter Reading
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## **— MULTIPLEX ALIGNMENT PROCEDURE —**

Outlined below is an alternate method of FM MULTIPLEX ALIGNMENT using a standard Multiplex Broadcast as the signal source. Whenever FM multiplex alignment equipment is used, follow the procedures specified

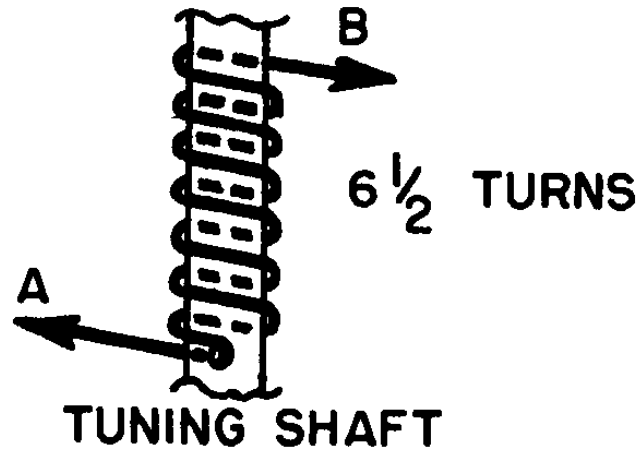
by the equipment manufacturer. Peaking of the 19KC and 38KC coils is easily accomplished, however correct phase relationship is absolutely essential for maximum channel separation.

*(Selector switch in FM multiplex position)*

STEP	TEST EQUIPMENT HOOK-UP	SIGNAL USED	ADJUSTMENT POINT	ADJUST FOR
1	OSCILLOSCOPE - Hot lead to pin 6 of 19EA8. Ground lead to chassis.	Multiplex	<div>T6</div>	Max output of the 19 KC pilot carrier
2	OSCILLOSCOPE - Hot lead to pin 1 of 6C4. Ground lead to chassis	Multiplex	<div>T7</div>	Max output of the 38 KC signal
3	Remove test equipment			
4	Very carefully readjust <div>T6</div> and <div>T7</div> for maximum separation of sound. NOTE: Some multiplex stations transmit announcements on one channel only. Adjust <div>T6</div> or <div>T7</div> for minimum output on opposite channel being transmitted.			

SYLVANIA Chassis 702-2, Models of SC26 Series, Service data continued

DIAL CORD



—CHASSIS REMOVAL—

1. Remove screws securing backcover. Remove backcover.
2. Identify and disconnect leads to speakers and record changer.
3. Remove two (2) screws securing interlock to cabinet.
4. Remove screws securing antenna terminal board to cabinet.
5. Remove knobs by pulling straight up.
6. While supporting chassis remove the five (5) screws and two (2) nuts securing chassis to cabinet.
7. To replace chassis reverse the above procedure.

