## TECHNICAL MANUAL

**Plastic Laminated Diagrams for Direct** and General Support Maintenance RECEIVER-TRANSMITTER, RADIO RT-841/PRC-77 (NSN 5820-00-930-3725) (Part of Radio Set AN/PRC-77)

## NOTICE TO USERS

This package contains a questionnaire on the Usability of Plastic laminated Diagrams for maintenance operations. To help us determine the value of these diagrams, please fill out the questionnaire, fold it where shown, end drop it in the mail.

If the questionnaire has been used, you can forward comments using DA Form 2028 (Recommended Changes to Publications and Blank Forms). Send to Commander, US Army Electronics Command, ATTN: DRSEL-MA-Q, Fort Monmouth, New Jersey 07703.

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By Order of the Secretary of the Army:

FRED C. WEYAND General, United States Army Chief of Staff

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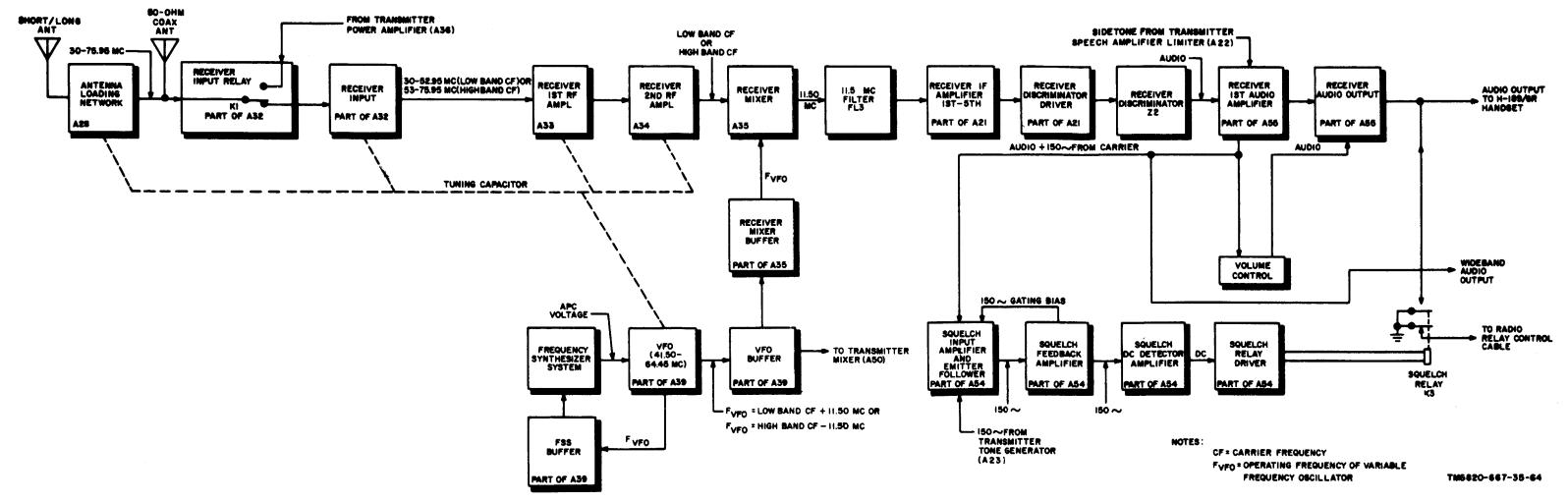


FIGURE 7-15. RECEIVER-TRANSMITTER, RECEIVE MODE SIGNAL PATH, BLOCK DIAGRAM.

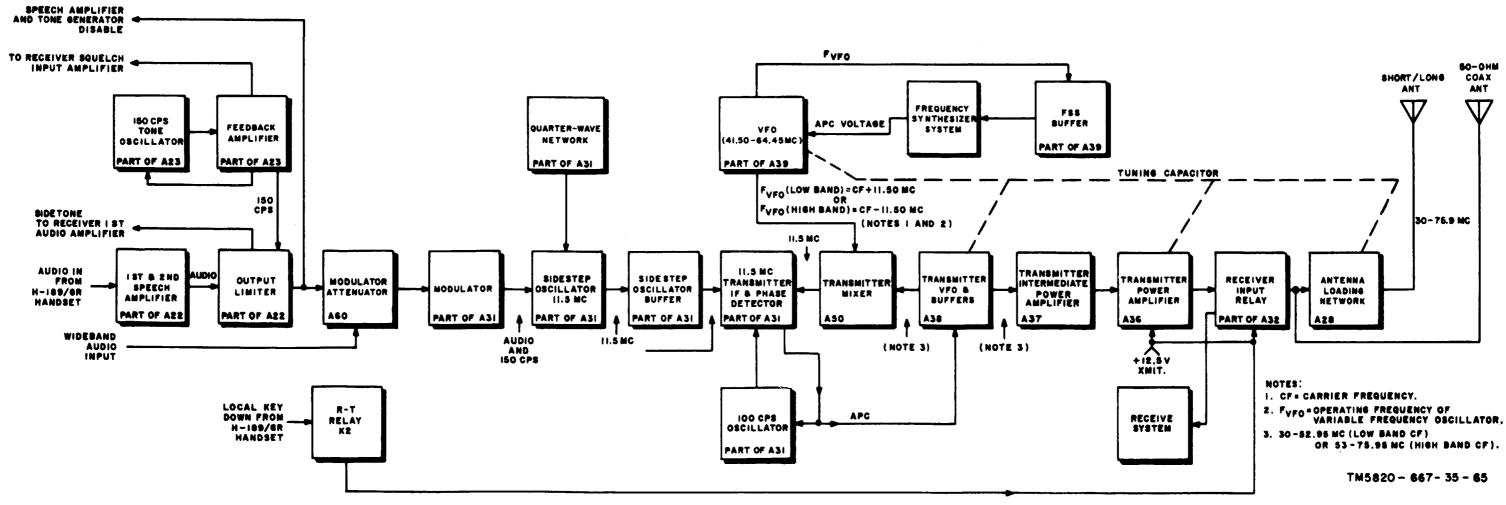
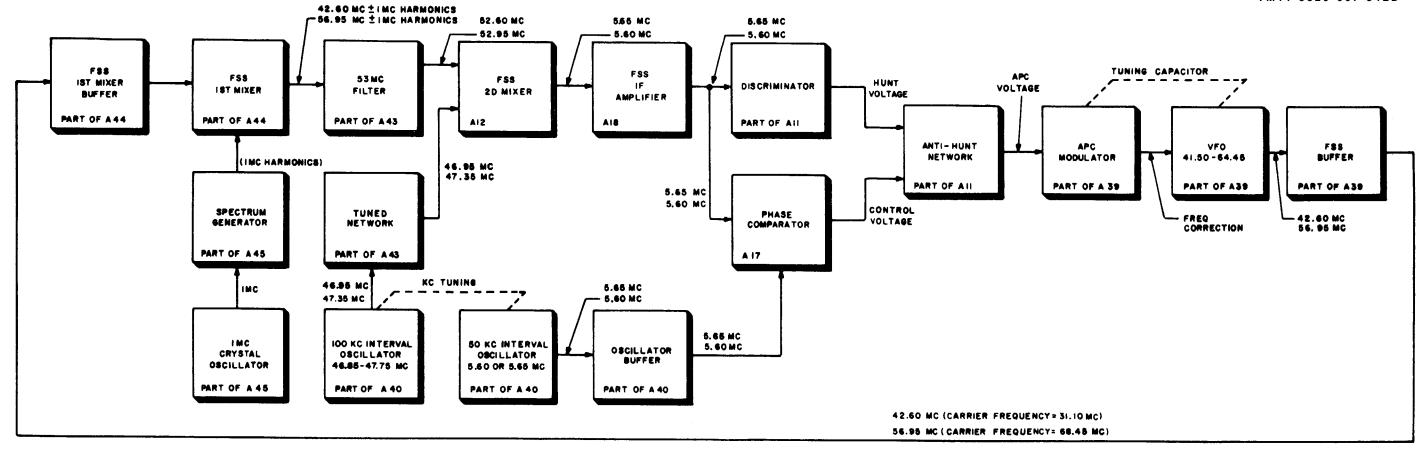


FIGURE 7-16. RECEIVER- TRANSMITTER, TRANSMIT MODE SIGNAL PATH, BLOCK DIAGRAM.



## NOTES:

- 1. TWO RT-841/PRC-77 CARRIER FREQUENCIES ARE USED TO ILLUSTRATE THE FREQUENCY RELATIONSHIPS OF THE FSS 31.10 MC (LOW BAND), AND 68.45 MC (HIGH BAND). FREQUENCIES ASSOCIATED WITH THE LOW BAND CARRIER ARE INDICATED ABOVE THE FREQUENCIES ASSOCIATE WITH THE HIGH BAND CARRIER.
- 2. FSS DENOTES FREQUENCY SYNTHESIZER SYSTEM.

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FIGURE 7-17. FREQUENCY SYNTHESIZER SYSTEM, BLOCK DIAGRAM.

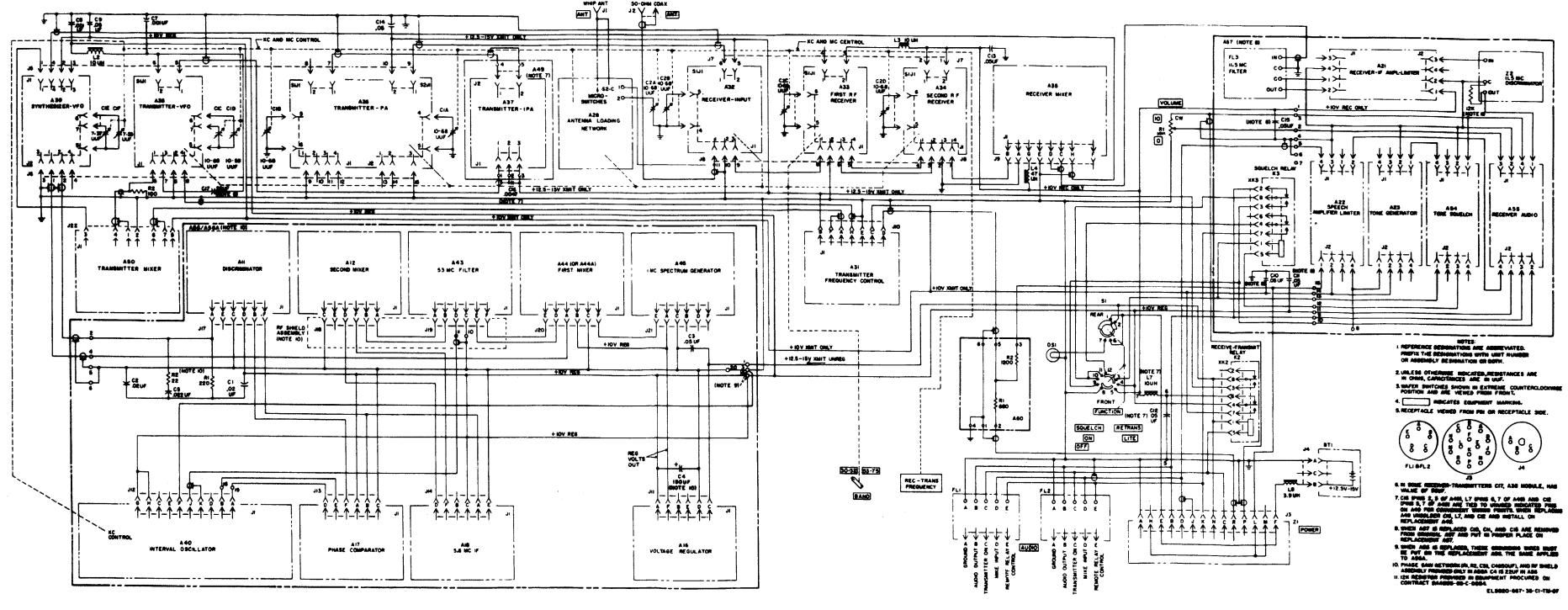


FIGURE 7-18. OVERALL CHASSIS INTERCONNECTION DIAGRAM, RT-841/PRC-77