

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

OPERATOR'S MANUAL

SIGNAL GENERATORS

AN/USM-44 AND AN/USM-44A

This reprint includes all changes in effect at the
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HEADQUARTERS, DEPARTMENT OF THE ARMY
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TABLE OF CONTENTS

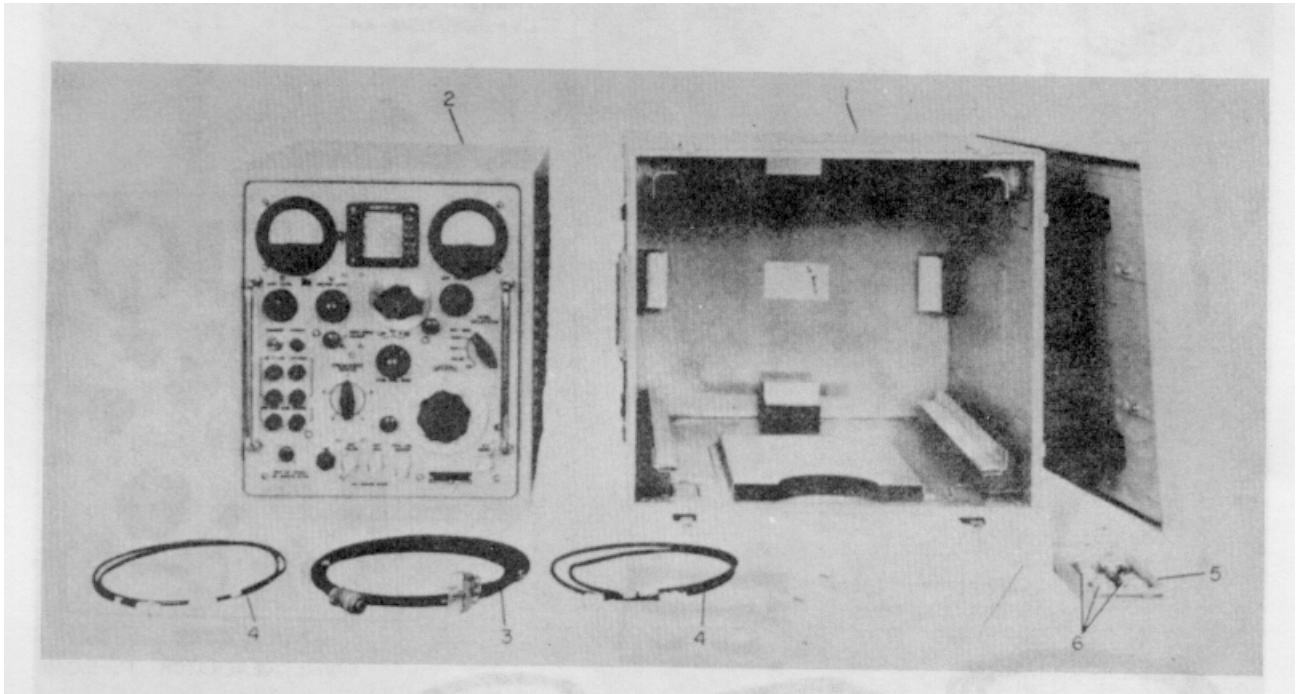
Section	Page
I. GENERAL DESCRIPTION.....	1
1-1. Identification	1
1-6. General Description of Complete Equipment.....	2
1-7. Equipment Supplied	2
1-8. Equipment Required but Not Supplied.....	2
1-9. General Description.....	2
1-16. Electrical Characteristics	5
1-25. Transit Case	7
1-29. Accessories	7
1-31. Differences in Equipment	10
1-32. FINE FREQ. ADJUST Control.....	10
1-33. Crystal Calibrator, TS-510/U	10
1-34. Crystal Calibrator, TS-510A/U.....	10
1-35. Output Attenuator Control, TS-510/U and TS-510A/U(*)	10
1-36. Output Attenuator Control, TS-510A/U(**)	10
1-37. Internal Modulation, TS-510/U and TS-510A/U(*).....	10
1-38. Internal Modulation, TS-510A/U(**).....	10
1-39. External Pulse Modulation, TS-510/U and TS-510A/U(*).....	10
1-40. External Pulse Modulation, TS-510A/U(**).....	10
II. OPERATING PROCEDURES.....	11
2-1. Scope of Procedures.....	11
2-3. Installation	11
2-7. Operating Controls, Dials and Terminals	11
2-9. Turning on the Equipment	11
2-11. Setting the TS-510/U, TS-510A/U for Continuous Wave Operation	15
2-13. Setting the TS-510/U TS-510A/U for Internal Sine Wave Modulation.....	17
2-15. Setting the TS-510/U TS-510A/U for External Sine Wave Modulation	17
2-17. Setting the TS-510/U TS-510A/U for Pulse Modulation	17
2-19. Using the TS-510/U Frequency Calibrator	18
2-21. Using the TS-510A/U Frequency Calibrator.....	18
2-23. Signal Generator Loading Considerations	18
2-28. Turning Off the Equipment	19
III. OPERATING CHECKS AND ADJUSTMENTS.....	20
3-1. General.....	20
IV. EMERGENCY OPERATION AND REPAIR	21
4-1. Introduction.....	21
4-4. Electron Tube Complement	21

LIST OF ILLUSTRATIONS

Figure		Page
1-1.	Signal Generator AN/USM-44 (Hewlett-Packard), Equipment Supplied.....	iv
1-2.	Signal Generator AN/USM-44A (Hewlett-Packard), Equipment Supplied.....	1
1-3.	Signal Generator AN/USM-44A (Nuclear Electronics), Equipment Supplied.....	2
1-4.	Signal Generator TS-510/U (Hewlett-Packard).....	4
1-5.	Signal Generator TS-510A/U (Hewlett-Packard)	5
1-6.	Signal Generator TS-510A/U (Nuclear Electronics).....	6
1-7.	Transit Cases, CY-1605/USM-44 and CY2105/USM-44A	9
1-8.	Accessory Cover	10
2-1.	Signal Generator TS-510/U (Hewlett-Packard) Front Panel Controls.....	13
2-2.	Signal Generator TS-510A/U (Hewlett-Packard) Front Panel Controls	14
2-3.	Signal Generator TS-510A,/U (Nuclear Electronics) Front Panel Controls.....	15
2-4.	Diagram Showing Relationships of Front Panel Controls to Major Circuits	16
4-1.	Tube Location Diagram	21

LIST OF TABLES

Table	Title	Page
I	Equipment Supplied	3
II	Specifications for Signal Generators TS-510/U and TS-510A/U.....	8
III	Controls and Terminals	12
IV	Power Losses as Related to VSWR in Generator Load.....	18
V	Electron Tube Complement	22



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|------------------------------|----------------------------|
| 1. Transit Case Assembly | 4. Cable Assembly CG-409/U |
| 2. Signal Generator Assembly | 5. Accessory Cover |
| 3. Cable Assembly CX-3135/U | 6. Fuse-holder and Adapter |

Figure 1-1A. Signal Generator AN/USM-44A, Equipment Supplied

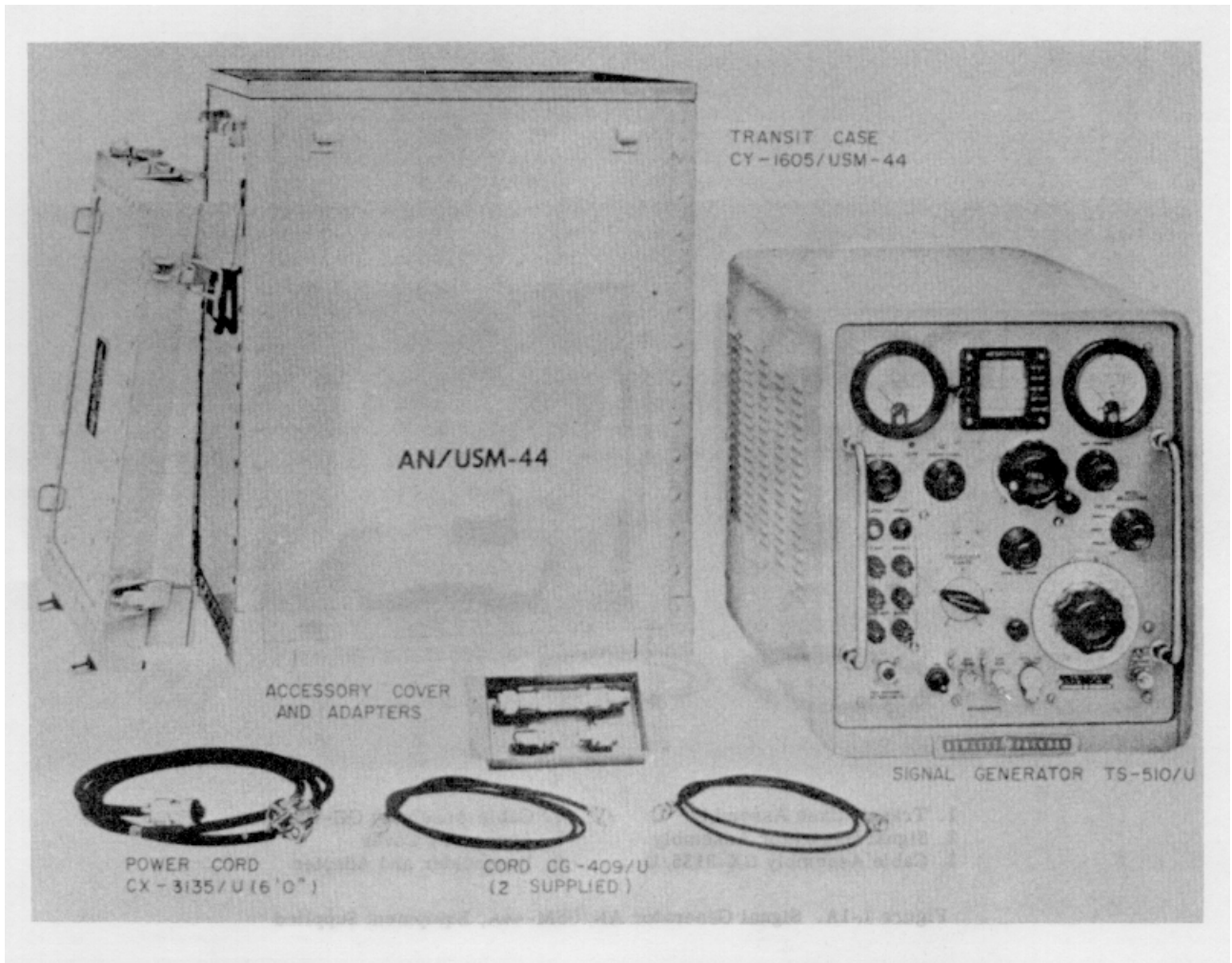


Figure 1-1. Signal Generator AN,/USM-44 (Hewlett-Packard), Equipment Supplied

SECTION I

GENERAL DESCRIPTION

1-1. IDENTIFICATION. (See figures 1-1, 1-2, and 1-3.)

1-2. This publication comprises operating instructions for Signal Generator Test Set AN/USM-44 (figure 1-1) and Signal Generator Test Set AN/USM-44A (figure 1-2) manufactured by the Hewlett-Packard Company, Palo Alto, California, and Signal Generator Test Set AN/USM-44A (figure 1-3) manufactured by the Nuclear Electronics Corporation, Philadelphia, Pennsylvania.

1-3. The main component of Signal Generator Test Set AN/USM-44 is Signal Generator TS-510/U (see figure 1-4). The main component of Signal Generator Test Set AN/USM-44A manufactured by the Hewlett-Packard Company under Orders No. NOasN38333733A, N383-36708A, and N383-47671A is the Signal Generator TS-

510A/U shown in figure 1-5. The main component of Signal Generator Test Set AN/USM44A manufactured by the Nuclear Electronics Corporation under Order No. N383-46472 is the Signal Generator TS-510A/U shown in figure 1-6. This equipment is manufactured in accordance with Specification MIL-G-7702 (AER), dated 15 November 1953.

1-4. Throughout this handbook references to Signal Generator TS-510A/U will be construed to mean all models; references to Signal Generator TS-510A/U (*) refer specifically to the Signal Generator TS-510A/U manufactured by the Nuclear Electronics Corporation under Order No. N383-46472; and, references to Signal

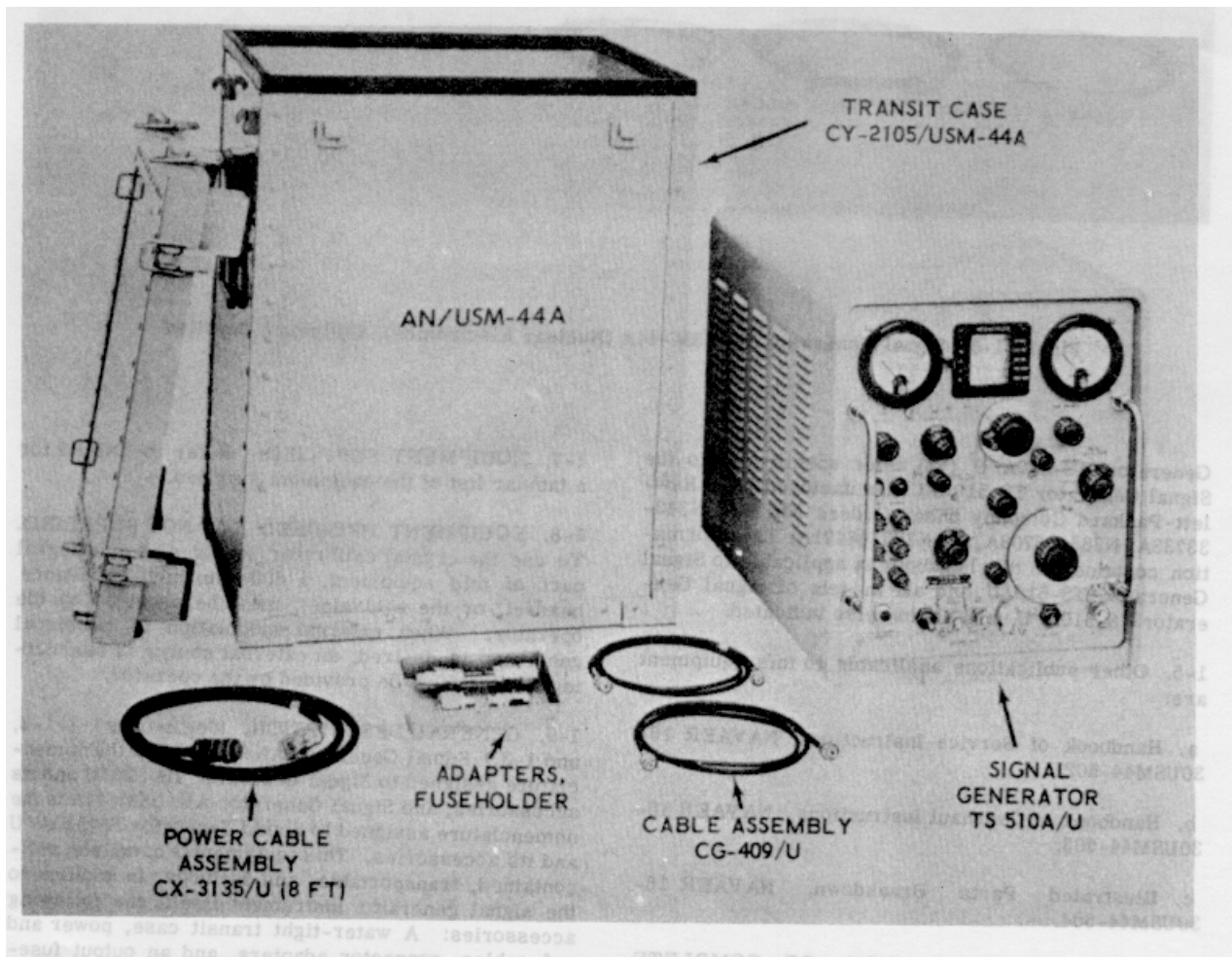


Figure 1-2. Signal Generator AN/USM-44A (Hewlett-Packard), Equipment Supplied