

MIL-T-28784(EC)  
 AMENDMENT 2  
 2 May 1972  
 SUPERSEDING 1/  
 AMENDMENT 1  
 10 April 1972

MILITARY SPECIFICATION  
 TRANSMITTER, RADIO, AN/FRT-85(V)  
 40 KW PEP HIGH-FREQUENCY,  
 HIGH-STABILITY INDEPENDENT SIDEBAND

This amendment forms a part of Military Specification MIL-T-28784(EC), dated 29 February 1972.

Page 6

3.2.5, last line: After "FAS" add "inspection".

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3.14.4.1.10, line 1: Delete "3.14.4.1.10" and substitute "13.13.4.1.10".. and delete "sugh" and substitute "such".

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3.13.5.2, line 4: Delete "Hc" and substitute "Hz".

Add new paragraphs 3.13.5.4.1 and 3.13.5.4.2.

"3.13.5.4.1 The filters provided shall meet out-of-band performance as specified below over the temperature range 0 degree to 54 degrees (monotonic slopes):

| <u>Frequency</u> | <u>Attenuation</u> |
|------------------|--------------------|
| Fo               | At least -20 dB    |
| # Fo -250 Hz     | At least -50 dB    |
| Fo -350 Hz       | At least -60 dB    |
| Fo +3350 Hz      | At least -20 dB    |
| Fo +3590 Hz      | At least -60 dB    |

1/ CHANGES FROM PREVIOUS ISSUE. THE OUTSIDE MARGINS OF THIS DOCUMENT HAVE BEEN MARKED "#" TO INDICATE WHERE CHANGES (DELETIONS, ADDITIONS, ETC.) FROM THE PREVIOUS ISSUE HAVE BEEN MADE. THIS HAS BEEN DONE AS A CONVENIENCE ONLY AND THE GOVERNMENT ASSUMES NO LIABILITY WHATSOEVER FOR ANY INACCURACIES IN THESE NOTATIONS. BIDDERS AND CONTRACTORS ARE CAUTIONED TO EVALUATE THE REQUIREMENTS OF THIS DOCUMENT BASED ON THE ENTIRE CONTENT AS WRITTEN IRRESPECTIVE OF THE MARGINAL NOTATIONS AND RELATIONSHIP TO THE LAST PREVIOUS ISSUE.

FSC 5820

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"3.13.5.4.2 Envelop delay. Overall envelop delay distortion shall not exceed the following limits:

| <u>Delay</u>          | <u>Frequency</u> |
|-----------------------|------------------|
| 500 microseconds (us) | 382 to 3020 Hz   |
| 1000 us               | 370 to 382 Hz    |
| 1000 us               | 3020 to 3040 Hz  |

3.13.6.3: Delete

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3.13.7 Delete

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3.13.14, line 6: Delete "cycles".

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Table V: Item (c) 13 b, reference paragraph, add "3.13.5.4.1" and "3.13.5.4.2"; and item 15, delete.

Preparing activity:  
Navy - EC

(Project 5820-N565)