| | | | | | TN | 1C | S | PE | EC | ΙF | TC | A | TIC | NC | | | | | N | io. s | 1 | 106 | 3 | | |
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TEST PROCEDURE

FOR THE

LPF-750-3

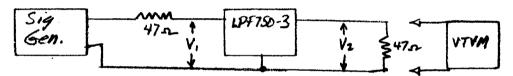
| | TM | C SPECIFICAT | TION | NO. S | 1106 |
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| TITLE: | TEST PROCEDU | RE FOR THE LPF-750-3 | 7/11/2 | | |
| | typed by vab | 6/6/66 | | | |

A. TEST EQUIPMENT REQUIRED:

- 1 RF VTVM Hewlerr Packard Model 410B or equivalent
- 1 RF Generator, Measurements Corp. Model 65B, or equivalent
- 2 47 ohm, 1 watt 5% resistors
- 1 GPT 750 transmitter, or equivalent
- 1 50 ohm dummy load, 1 KW or greater capacity
- 1 0-10 Amp RF meter

B. RESPONSE TEST:

1. Connect test equipment as indicated in Figure 1:



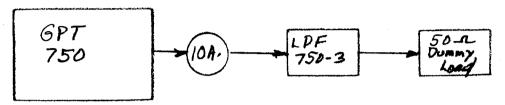
2. Set signal generator for 1 volt RMS at V_1 on 2 mcs and record V_2 . Repeat as indicated below, convert voltage to DB reference to the 2 mcs value.

| | | | RESPONSE | | | | | |
|------|----------------|----------------|---------------------------|--------|--|--|--|--|
| MC | v _l | V ₂ | REQUIRED | ACTUAL | | | | |
| 2 | 1 | | REFERENCE | DB | | | | |
| 2.5 | <u> </u> | | 0 + 1 | | | | | |
| 3.0 | 1 | | 0 <u>+</u> 1 | | | | | |
| 3.5 | 1 | | at least -3 03 | | | | | |
| 4.0 | 1 | · | at least -30 DB | : | | | | |
| 6.0 | 1 | | at least -30 DB | : | | | | |
| 10.0 | 1 | | at least -30 08 | | | | | |
| 16.0 | 1 | | at least -30 DB | : | | | | |
| 32.0 | ı | | at least | | | | | |

| | TM | C SPECI | FICATI | ON | | , | 10. s | 110 | 6 | |
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| TITLE: | TEST PROCEDU | RE FOR THE LI | PF-750-3 | | | | | | | |
| - | typed by vab | 6, | /6/66 | | | | | | | |

C. POWER TEST

1. Connect test equipment as indicated in figure 2:



2. Tune transmitter to 2.5 mcs and increase drive until current as read by the meter is approximately 4.5 Amps. Hold power through the filter for 15 minutes and observe for break-down and/or heating.

| | | TMC | SPEC | CIFI | CAT | ON | , , | | | N | o. s | _ 11 | 06 | |
|---------|-----------------|-----------|---------------------------------------|----------------|-----------|---------------|-----------|--|-------------|----|------|-------------|-------------|----|
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| TLE: | TEST PR | OCEDURE 1 | FOR THE | LPF- | 750-3 | | | | | | | | | |
| | typed b | y vab | | 6/6 | /66 | | | | | | | | | |
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| | | | | • | LPF-750 | -3 | | | | | | | | |
| | MEG NO | | | | | | | | | | | | | |
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| | SERIAL | NO. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | B2. RE | SPONSE | | | | | | | | | | | | |
| | | | | | | | RESPON | SE (| DB) | | | | | |
| | MC | | | | REQUI | | ACTUAL | | | | | | | |
| | - 11 | 2 | | O (Reperence) | | | <u>e)</u> | 0 | | | | | | |
| | | 2.5 | | | Ot | / | | Control of the Contro | | | | | | |
| | | | | | Ot | , | | | | | | | - | |
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| | | 3.5 | · · · · · · · · · · · · · · · · · · · | | <u> </u> | <i>IB</i> | | | | | | | | |
| | | 4.0 | | | | DB | | | | | | | | |
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| | - 1000 | 6.0 | | + | -30 at | least | | | ··· | | | | | |
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| | 02. FC | WEN TEST | • | | | | | | OK | | | | | |
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