

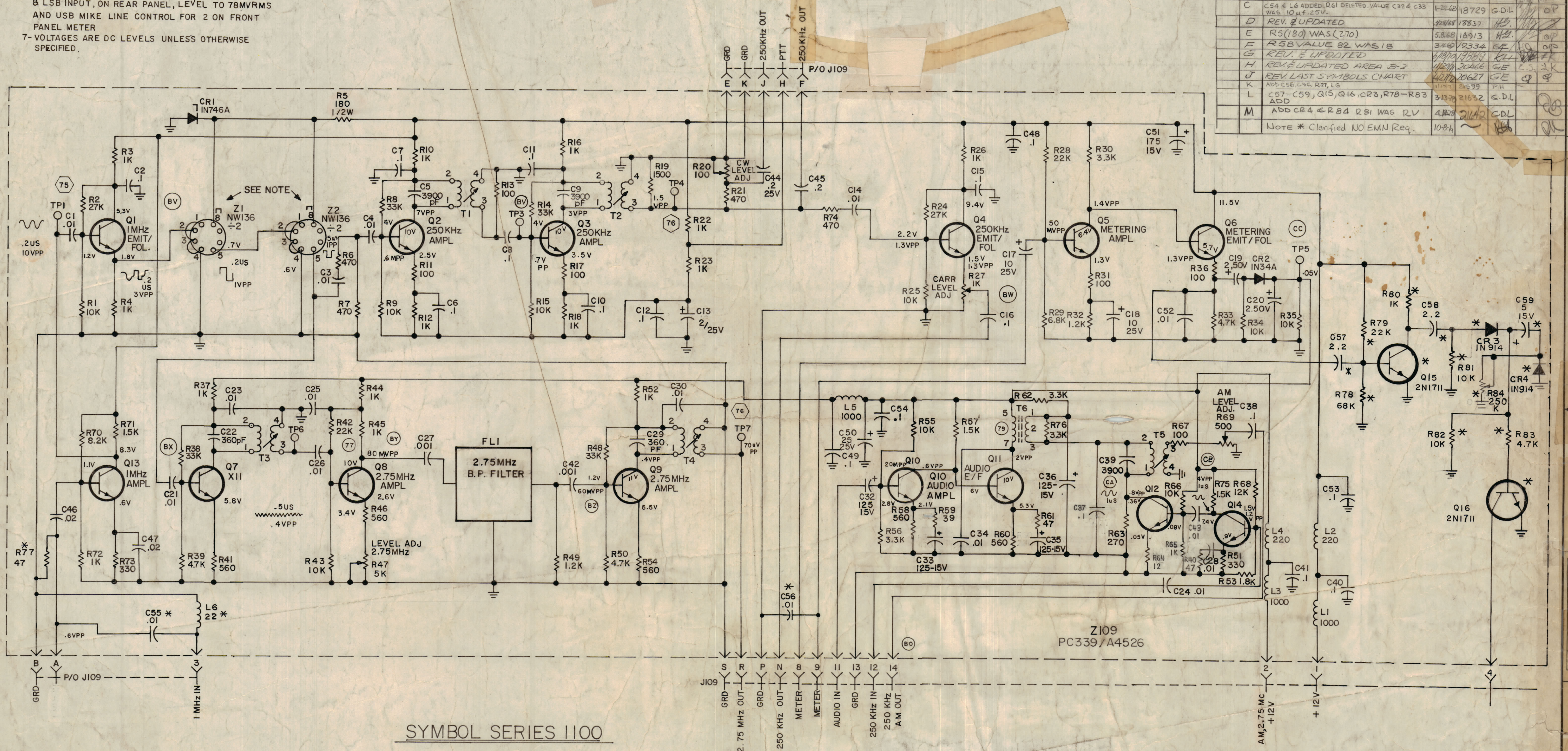
WAVE SHAPES AND VOLTAGE CONDITIONS

- 1- MMX - PWR ON.
- 2- EXCITER SWITCH ON.
- 3- ALL CARRIER LEVELS SET.
- 4- MODE SWITCH TO ISB.
- 5- FOR VOLTAGES ON Q10, Q11, Q12, Q4, Q14 MODE SWITCH TO AM.
- 6- TO MEASURE PP AND DC VOLTAGE ON Q10, Q11 Q5 & Q6 CONNECT AUDIO GENERATOR TO USB.
- 8 LSB INPUT, ON REAR PANEL, LEVEL TO 78MVRMS AND USB MIKE LINE CONTROL FOR 2 ON FRONT PANEL METER
- 7- VOLTAGES ARE DC LEVELS UNLESS OTHERWISE SPECIFIED.

NOTE:

SCHEMATIC AS SHOWN IS UPGRADED FOR USE WITH MMX-2B RUBBER STAMP P/N A4526-1
 * THESE ITEMS WILL NOT APPEAR FOR AN MMX-2A, THEY WILL BE USED ON AN MMX-2B (A4526-1) ONLY.

| REVISIONS | | | | | | |
|------------------------------|-----|--|----------|----------|-------|------|
| ZONE | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD |
| X | | EXPERIMENTAL RELEASE | 3/23/67 | | RME | |
| X1 | | ADD. C48; Z109 WAS Z9 | 4/4/67 | | | |
| X2 | | C48, R50 & L5 ADDED, L51 DELETED, R22 WAS DES. EXD COMP. RES WAS 1/4W. FUNC. ALL BY CLARIFIED. PIN 2 WAS SWITCHED 412V | 5-17-67 | | | |
| X3 | | C51; C52 & R36 ADDED | 5-23-67 | | GDL | |
| O | | ORIGINAL RELEASE FOR PRODUCTION | 7-31-67 | | FC | |
| A | | UPDATED & REVISED | 8/17/67 | 18556 | HCO | |
| B | | REVISED & UPDATED. MOD. CHG. (14 & LFE) ADDED | 12-4-67 | 18651 | GDL | |
| C | | C54 & L6 ADDED, R61 DELETED, VALUE C32 & C33 WAS 10 uF, 25V. | 1-29-68 | 18729 | GDL | |
| D | | REV. & UPDATED | 3/28/68 | 18837 | HCO | |
| E | | R5 (180) WAS (270) | 5-8-68 | 18913 | HCO | |
| F | | R58 VALUE 82 WAS 18 | 3-4-69 | 19334 | GE | |
| G | | REV. & UPDATED | 4/19/69 | 20066 | GE | |
| H | | REV. & UPDATED AREA B-2 | 4/22/69 | 20627 | GE | |
| J | | REV. LAST SYMBOLS CHART | 4/22/69 | 20627 | GE | |
| K | | ADD C56, C56, R71, L6 | 11-17-69 | 20599 | PH | |
| L | | C57-C59, Q15, Q16, CR3, R78-RB3 ADD | 3-13-70 | 21632 | GDL | |
| M | | ADD CR4 & R84 R81 WAS RV | 4-18-70 | 21142 | GDL | |
| Note * Clarified NO EMN Req. | | | 10-8-70 | | | |



SYMBOL SERIES 1100

NOTES - UNLESS OTHERWISE SPECIFIED

- 1- ALL RESISTANCE VALUES ARE IN OHMS, 1/4 WATT.
 - 2- ALL CAPACITANCE VALUES ARE IN MICROFARADS.
 - 3- ALL INDUCTANCE VALUES ARE IN MICROHENRIES.
 - 4- ALL TRANSISTORS ARE TYPE 2N3646.
- "n" SYMBOL DENOTES FLAT SIGNIFYING PIN 8 ON NETWORK.

| LAST SYMBOLS | MISSING SYMBOLS |
|--------------|-----------------|
| C59 | C31 |
| CR4 | |
| FL1 | |
| L6 | |
| Q16 | |
| R84 | |
| T6 | |
| TP7 | |
| Z2 | |
| | TP2 |

| QTY / UNIT | MODEL USED ON | ASS'Y NO. |
|-------------|---------------|-----------|
| 1 | LFE - I | A4526 |
| 1 | CHG - () 4 | A4526 |
| 1 | MMX - () | A4526 |
| APPLICATION | | |
| CODE | | |

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

TOLERANCES ON
 DECIMALS ± .05
 XX ± .01
 XXX ± .005

FRACTIONS ± 1/64 ANGLES ± 0°-30'

| QTY. REQ. | ITEM | PART NO. | DESCRIPTION | SYMBOL |
|--|------|---------------------------|-------------|--------|
| O POSE LIST OF MATERIAL | | | | |
| THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | | | | |
| DIAGRAM, SCHEMATIC CARRIER GENERATOR | | | | |
| SIZE | | CODE IDENT. NO. / DWG NO. | | ISSUE |
| D | | 82679 CK1311 | | M |
| SCALE SHEET OF | | | | |

NOTICE TO PERSONS RECEIVING THIS DRAWING
 THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to manufacture anything shown hereon for mutual assistance and is subject to recall in any time.