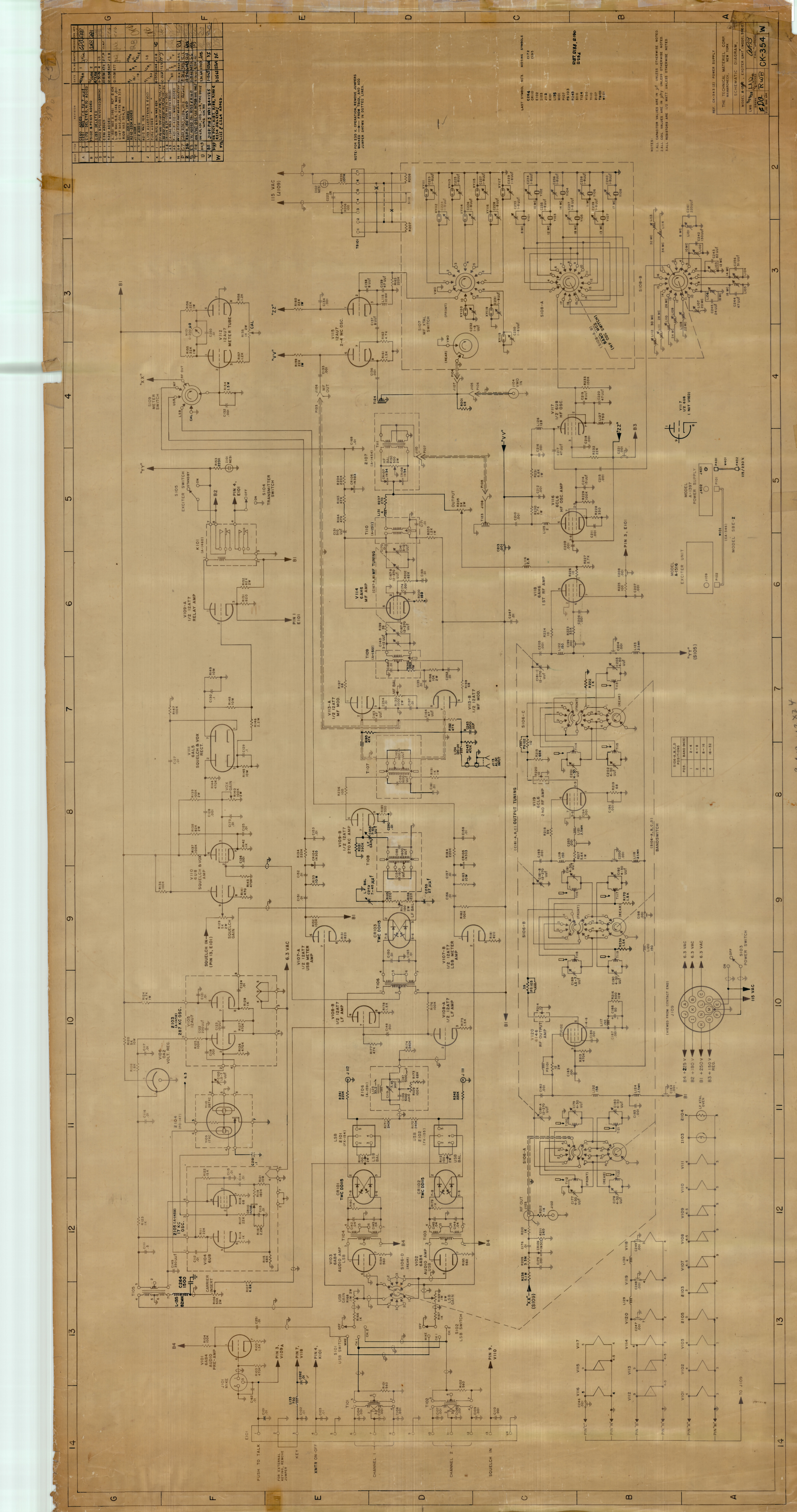
THE TECHNICAL MATERIEL CORP.
MAMARONECK, N.Y.
SCHEMATIC DIAGRAM
MODEL A-1016 EXCITER UNIT MODEL SSB-2
CK-354 W
REF. CK-345121 POWER SUPPLY
NOTES:
1. CAPACITOR VALUES ARE IN μf UNLESS OTHERWISE NOTED.
2. ALL COIL VALUES ARE IN μhy UNLESS OTHERWISE NOTED.
3. ALL RESISTORS ARE 1/2 WATT UNLESS OTHERWISE NOTED.
LAST SYMBOL NOS. MISSING SYMBOLS
C254
C262
E102
E104
J113
J114
L135
P101
P107
P108
P113
S103
S105
V102
V105
V107
V108
W101
SHIFT CK345,CK-354
D254
NOTE: CK-330-C OPERATION REMOVE JUMPER SHOWN IN DOTTED LINES.
115 VAC (J105)
"ZZ"
"VV"
"XX"
"YY"
"WW"
"AA"
B1
B2
B3
B4
S105 EXCITER SWITCH
S106 TRANSMITTER SWITCH
S107 MF XTAL SWITCH
S108-A
S108-B
S108-C
S108-D
S108-E
S108-F
S108-A,B,C,D,E,F BAND SWITCH
S108-A,B,C,D,E,F POSITIONS
POS | BAND (MCS)
1 | 2-4
2 | 4-8
3 | 8-16
4 | 16-32
S109 POWER SWITCH
OFF
115 VAC
6.3 VAC
+225 V
+190 V
+250 V
+150 V
(VIEWED FROM CONTACT END)
J101 MIKE
J102 EXCITER UNIT
J103 MF OUT
J104 MF IN
J105 115 VAC IN
J106 RF OUT
J107 TRANSMITTER SWITCH
J108 EXCITER SWITCH
J109 TO J109
J110 OUTPUT
J111 30 MC
J112 34 MC
J113 32 MC
J114 36 MC
MODEL A-1016 EXCITER UNIT
MODEL SSB-2
MODEL A-1016 POWER SUPPLY
115/230 V
V101 6AU6 AUDIO PRE-AMP
V102 6AU6 AUDIO AMP
V103 6AU6 AUDIO AMP
V104 6U8 VOX OSC.
V105 12AU7 VOX AMP
V106 6AL5 VOLT. REG.
V107 12AT7 LSB METER AMP
V108 12AT7 LF AMP
V109 12AT7 LF AMP
V110 6U8 SQUELCH AMP
V111 6AL5 SQUELCH RECT.
V112 12AU7 METER TUBE
V113 6AU6 2-4 MC OSC.
V114 6AU6 MF AMP
V115 12AT7 MF MOD.
V116 6U8 MF OSC AMP
V117 12AU7 MF OSC.
V118 6AH6 1ST RF AMP
V119 6CL6 2ND RF AMP
V120 6AU6 RF OUTPUT
V121 6AU6 RF AMP
V122 6U8 VOX RECT.
V123 12AT7 270 KC AMP
V124 12AT7 LSB METER AMP
V125 12AT7 LF AMP
V126 12AT7 LF AMP
Z101 LSB FILTER
Z102 USB FILTER
Z103 2ND MIX. OUT
Z104 2ND MIX. IN
Z105 1ST MIX. OUT
Z106 1ST MIX. IN
Z107 MF OUT
Z108 MF IN
Z109 MF OUT
Z110 MF IN
CR101 TMC D0115
CR102 TMC D0115
CR103 TMC D0115
CR104 TMC D0115
T101 MIKE
T102 CHANNEL 1
T103 CHANNEL 2
T104 SQUELCH IN
T105 MF OUT
T106 MF IN
T107 MF OUT
T108 MF IN
T109 MF OUT
T110 MF IN
T111 MF OUT
T112 MF IN
T113 MF OUT
T114 MF IN
T115 MF OUT
T116 MF IN