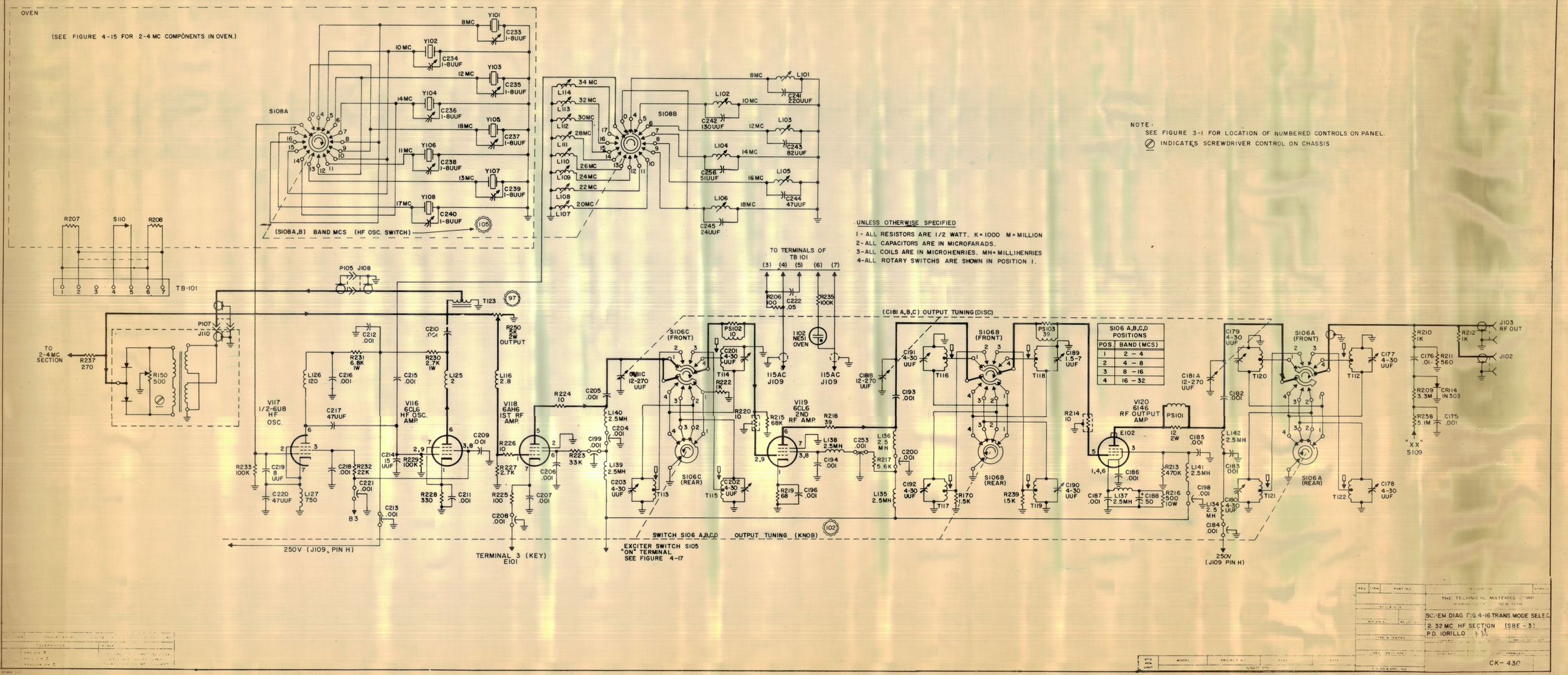
OVEN
(SEE FIGURE 4-15 FOR 2-4 MC COMPONENTS IN OVEN.)
S108A
(S108A,B) BAND MCS (HF OSC. SWITCH)
S108B
Y101 8MC C233 1-8UUF
Y102 10MC C234 1-8UUF
Y103 12MC C235 1-8UUF
Y104 14MC C236 1-8UUF
Y105 18MC C237 1-8UUF
Y106 11MC C238 1-8UUF
Y107 13MC C239 1-8UUF
Y108 17MC C240 1-8UUF
L101 8MC C241 220UUF
L102 10MC C242 130UUF
L103 12MC C243 82UUF
L104 14MC C256 51UUF
L105 16MC C244 47UUF
L106 18MC C245 24UUF
L107 20MC
L108 22MC
L109 24MC
L110 26MC
L111 28MC
L112 30MC
L113 32MC
L114 34 MC
R207
S110
R208
TB-101
P105 J108
P107 J110
T123
R250 2W OUTPUT
TO 2-4MC SECTION
R237 270
R150 500
C212 .001
R231 6.8K 1W
C210 .001
R230 2.7K 1W
L126 120
C216 .001
C215 .001
L125 2
L116 2.8
C217 47UUF
V117 1/2-6U8 HF OSC.
V116 6CL6 HF OSC. AMP.
V118 6AH6 1ST RF AMP.
C209 .001
R224 10
C205 .001
L140 2.5MH
C204 .001
C199 .001
R223 33K
C206 .001
C207 .001
C208 .001
R233 100K
C219 8 UUF
C220 47UUF
L127 750
C218 .001
R232 22K
C221 .001
B3
C213 .001
R229 100K
R228 330
C211 .001
R226 10
R227 2.7K
R225 100
C214 .15 UUF
R206 100
C222 .05
R235 100K
TO TERMINALS OF TB 101
(3) (4) (5) (6) (7)
I02 NE51 OVEN
115AC J109
S106C (FRONT)
S106C (REAR)
S106B (FRONT)
S106B (REAR)
S106A (FRONT)
S106A (REAR)
PS102 10
C201 4-30 UUF
T114
R222 1K
C202 4-30 UUF
T115
C203 4-30 UUF
T113
C201A,B,C 12-270 UUF
(C181 A,B,C) OUTPUT TUNING (DISC)
V119 6CL6 2ND RF AMP.
R220 10
R215 68K
R218 39
L138 2.5MH
C194 .001
R219 68
C196 .001
L136 2.5 MH
L135 2.5MH
C253 .001
R217 5.6K
C200 .001
C191 4-30 UUF
T116
C193 .001
C192 4-30 UUF
T117
R170 1.5K
C188 12-270 UUF
PS103 39
C189 1.5-7 UUF
T118
R239 1.5K
T119
C190 4-30 UUF
R214 10
E102
PS101 12 2W
V120 6146 RF OUTPUT AMP
C185 .001
C186 .001
C187 .001
L137 2.5MH
C188 .50
R213 470K
R216 500 10W
L141 2.5MH
C198 .001
L134 2.5 MH
C180 4-30 UUF
T121
C184 .001
C179 4-30 UUF
T120
L142 2.5MH
C182 .001
C183 .001
C181A 12-270 UUF
S106 A,B,C,D POSITIONS
POS | BAND (MCS)
1 | 2 - 4
2 | 4 - 8
3 | 8 - 16
4 | 16 - 32
C177 4-30 UUF
T112
C178 4-30 UUF
T122
R210 1K
R212 1K
J103 RF OUT
C176 .01
R211 560
J102
R209 3.3M
CR114 IN303
R238 5.1M
C175 .001
"XX" S109
250V (J109, PIN H)
TERMINAL 3 (KEY) E101
EXCITER SWITCH S105 "ON" TERMINAL SEE FIGURE 4-17
SWITCH S106 A,B,C,D OUTPUT TUNING (KNOB)
97
102
NOTE:
SEE FIGURE 3-1 FOR LOCATION OF NUMBERED CONTROLS ON PANEL.
INDICATES SCREWDRIVER CONTROL ON CHASSIS
UNLESS OTHERWISE SPECIFIED
1 - ALL RESISTORS ARE 1/2 WATT, K = 1000 M = MILLION
2 - ALL CAPACITORS ARE IN MICROFARADS.
3 - ALL COILS ARE IN MICROHENRIES. MH = MILLIHENRIES
4 - ALL ROTARY SWITCHS ARE SHOWN IN POSITION 1.
THE TECHNICAL MATERIEL CORP.
SCHEM DIAG FIG 4-16 TRANS MODE SELEC
2-32 MC HF SECTION (SBE-3)
P.D. IORILLO
CK-430