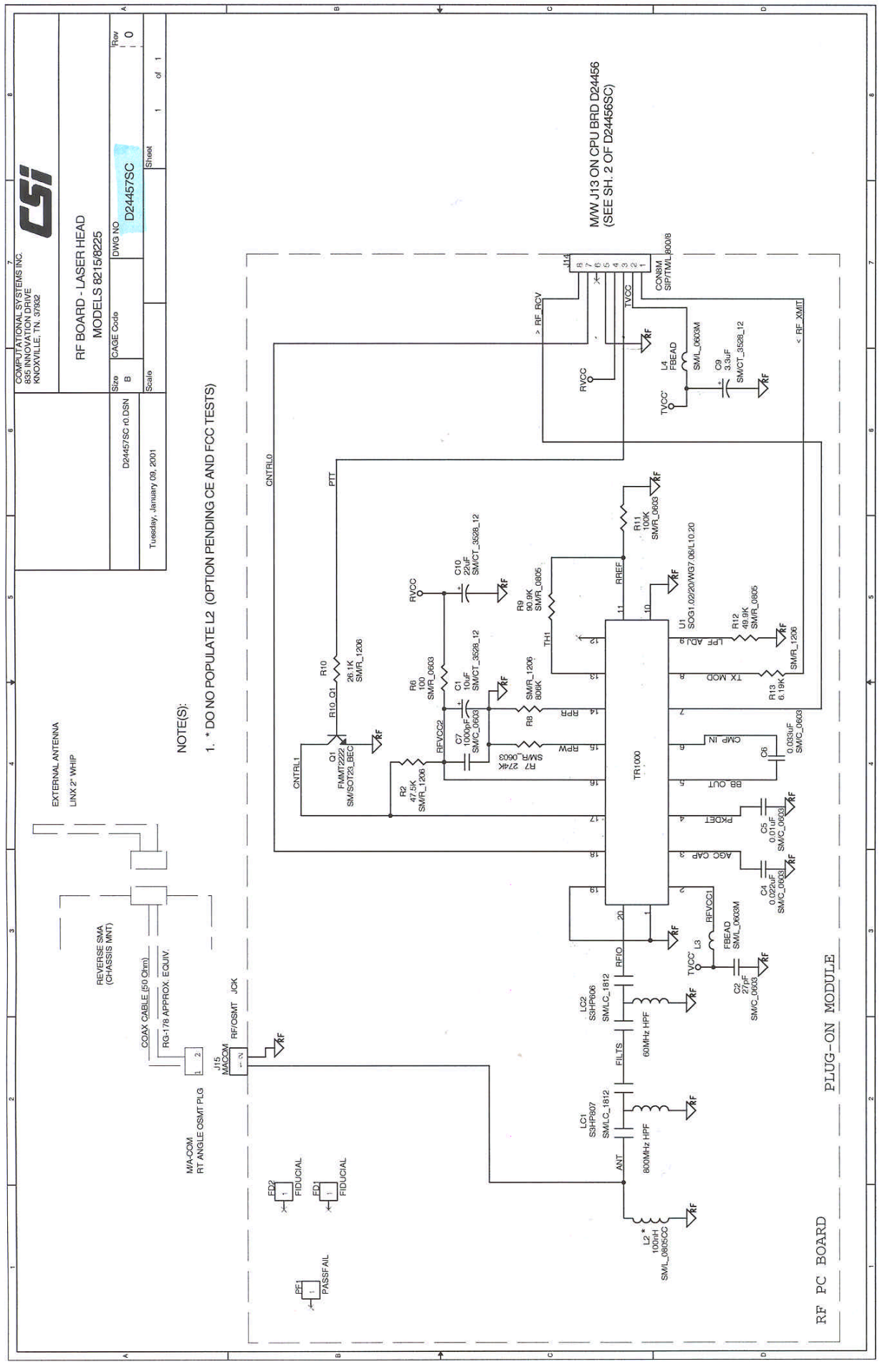

COMPUTATIONAL SYSTEMS INC.
835 INNOVATION DRIVE
KNOXVILLE, TN. 37932
RF BOARD - LASER HEAD
MODELS 8215/8225
Size B
CAGE Code
DWG NO D24457SC
Rev 0
Scale
Sheet 1 of 1
D24457SC r0.DSN
Tuesday, January 09, 2001
NOTE(S):
1. * DO NO POPULATE L2 (OPTION PENDING CE AND FCC TESTS)
M/W J13 ON CPU BRD D24456
(SEE SH. 2 OF D24456SC)
EXTERNAL ANTENNA
LINX 2" WHIP
REVERSE SMA
(CHASSIS MNT)
COAX CABLE (50 Ohm)
RG-178 APPROX. EQUIV.
MA-COM
RT ANGLE OSMT PLG
J15
MACOM
RF/OSMT JCK
PE1
PASSFAIL
FD2
FIDUCIAL
FD1
FIDUCIAL
ANT
LC1
S3HP807
SM/LC_1812
800MHz HPF
FILTS
LC2
S3HP606
SM/LC_1812
60MHz HPF
RFIO
L2 *
100nH
SM/L_0805/CC
C2
27pF
SM/C_0603
L3
FBEAD
SM/L_0603M
TVCC
RFVCC1
C4
0.022uF
SM/C_0603
AGC CAP
C5
0.01uF
SM/C_0603
PKDET
C6
0.033uF
SM/C_0603
BB OUT
CMP IN
TR1000
TX MOD
R13
6.19K
SM/R_1206
LPF ADJ
R12
49.9K
SM/R_0805
U1
SOG1.02/20/WG7.06/L10.20
RREF
R11
100K
SM/R_0603
TH1
R9
80.6K
SM/R_0805
RPA
R8
SM/R_1206
806K
RPW
R7 274K
SM/R_0603
RFVCC2
C7
1000pF
SM/C_0603
R6
100
SM/R_0603
C1
10uF
SM/CT_3528_12
RVCC
C10
22uF
SM/CT_3528_12
CNTRL1
Q1
FMMT2222
SM/SOT23_BEC
R10_Q1
R10
26.1K
SM/R_1206
R2
47.5K
SM/R_1206
CNTRL0
PTT
> RF_RCV
< RF_XMIT
J14
CONBM
SIP/TMVL_8C0/8
RVCC
TVCC
L4
FBEAD
SM/L_0603M
TVCC'
C9
3.3uF
SM/CT_3528_12
RF PC BOARD
PLUG-ON MODULE