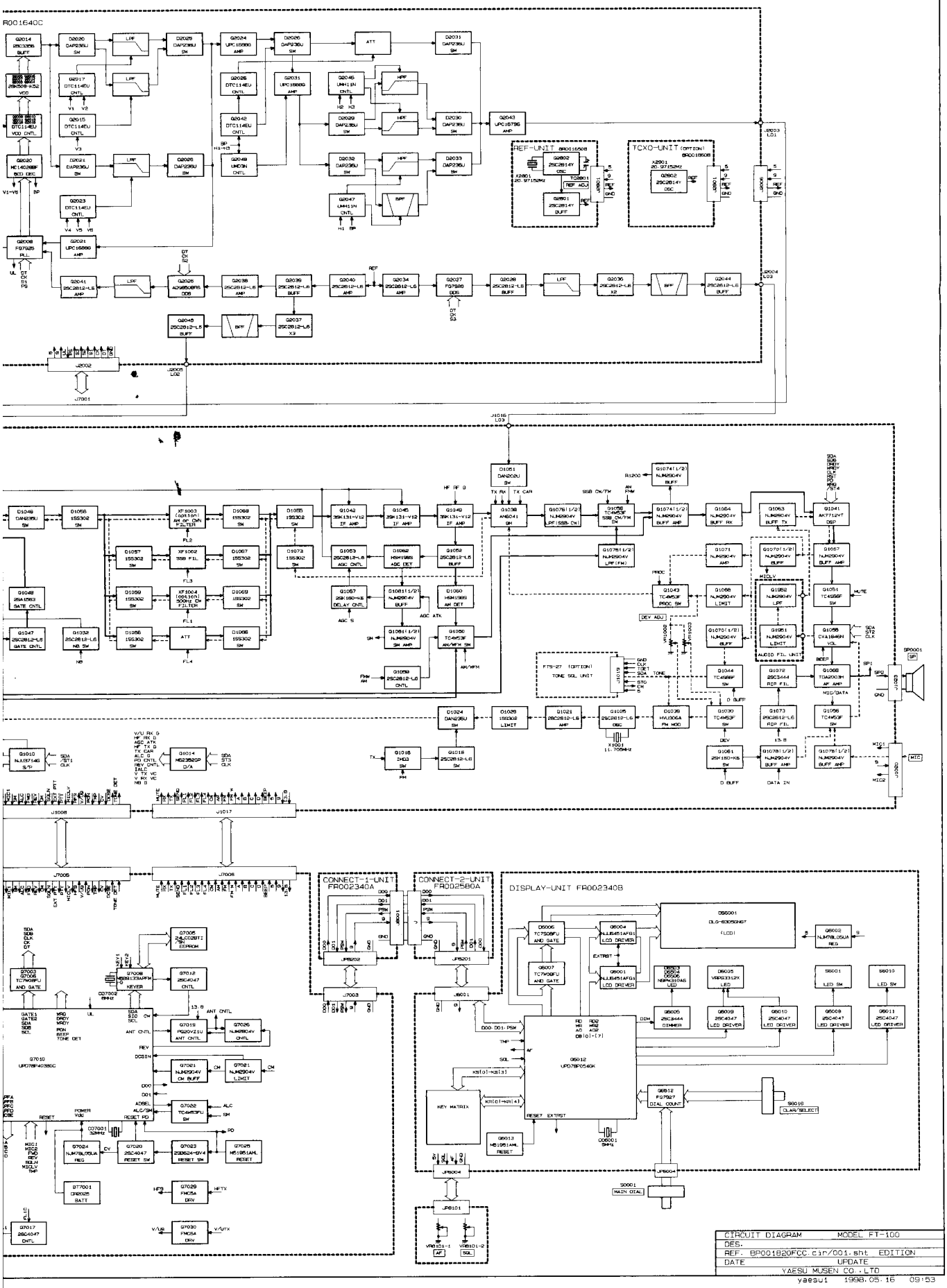
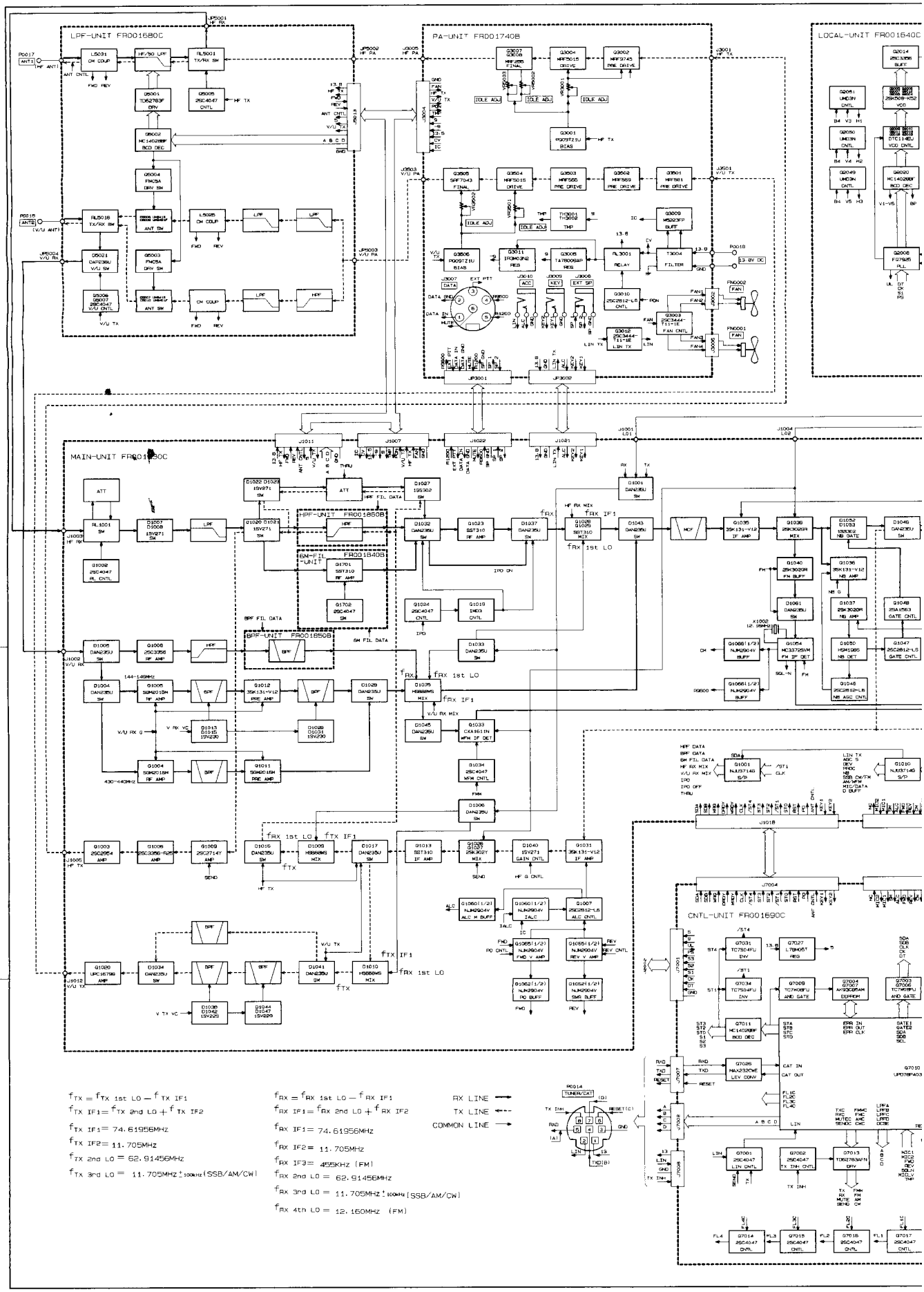

R0016400
REF-UNIT
TCXO-UNIT (OPTION)
J2002
J7001
J1016
CONNECT-1-UNIT FR0023400
CONNECT-2-UNIT FR0025800
DISPLAY-UNIT FR0023408
J7005
J7006
J1008
J1017
J7003
J8001
J8101
J8004
J8003
J8002
J8005
J8006
J2003
J2004
J2005
J2006
SP0001
MIC
S0001
S0010
S0011
S0012
S0013
S0016
BT7001
MAIN DIAL
CIRCUIT DIAGRAM MODEL FT-100
DES.
REF. BP001820FCC.cir/001.sht EDITION
DATE UPDATE
YAESU MUSEN CO.,LTD
yaesu1 1998.05.16 09:53


LPF-UNIT FR0016800
PA-UNIT FR0017400
LOCAL-UNIT FR0016400
MAIN-UNIT FR0018300
HPF-UNIT FR0018500
BPF-UNIT FR0018500
6M-FIL UNIT FR0018400
CNTL-UNIT FR0016900
$f_{TX} = f_{TX\ 1st\ LO} - f_{TX\ IF1}$
$f_{TX\ IF1} = f_{TX\ 2nd\ LO} + f_{TX\ IF2}$
$f_{TX\ IF1} = 74.61956MHz$
$f_{TX\ IF2} = 11.705MHz$
$f_{TX\ 2nd\ LO} = 62.91456MHz$
$f_{TX\ 3rd\ LO} = 11.705MHz \pm 100kHz$ (SSB/AM/CW)
$f_{RX} = f_{RX\ 1st\ LO} - f_{RX\ IF1}$
$f_{RX\ IF1} = f_{RX\ 2nd\ LO} + f_{RX\ IF2}$
$f_{RX\ IF1} = 74.61956MHz$
$f_{RX\ IF2} = 11.705MHz$
$f_{RX\ IF3} = 455KHz$ (FM)
$f_{RX\ 2nd\ LO} = 62.91456MHz$
$f_{RX\ 3rd\ LO} = 11.705MHz \pm 100kHz$ (SSB/AM/CW)
$f_{RX\ 4th\ LO} = 12.160MHz$ (FM)
RX LINE
TX LINE
COMMON LINE