```
sbinit logstart ................................
 Mon Jun  2 04:43:29 2008
_flrxpos = 76.90
_fltxpos = 62.29
_txsyn = 2130000250.0
baud = 1.
calport = 1
caltm = 0
cmprate = 1
code = 16383
delayfrac = 1
dev = ri
doifsetup = 1
dop = rx
dopcfr1 = 2380e6
dopcfr2 = 20e6
dopipp = 2000
doptrksmp = 1
ephdelay = 0
ephname = /share/olda/Ephm/1998JM8.s68
ephoff = 0.
fracbaud = 0.
fraccorr = 0.
fswendtm = 0.
fswfirstfrq = -2e3
fswnumfrq = 0
fswstepfrq = 1e3
fswsteptm = 10
if = 30
iorate = 40.0
logfile = logfile
maxrec = 1000000.
maxreclenB = 60000
nointlvsetup = 1
numpol = 2
phase = 0
phasemod = 0
pncgen = pncmem
pntmodel = modelSB
pntoffdecrx = 0
pntoffdectx = 0
pntoffrarx = 0
pntoffratx = 0
polystep = 5
prg = rtgProg@da
ratedecAsec = 0.
rateraSec = 0.
rdyrxmask = 15
rdytxmask = 5
rigd = .2
rigw = 200
riipp = 1000000
ripacking = 12
rispipp = 5000
rxdecRd = 0.
rxdopbpflipped = y
rxechosecst = 0
rxoffhz = 0
rxraRd = 0.
rxsecnoise = 0
settxphase = 0
src = 1998JM8
syn5 = 30.e6
syn6 = 30.e6
tmephm = 17007
tmpoly = 0
tmrxdown = 0
tmrxup = 0
tmtxdown = 0
tmtxup = 0
txdecRd = 0.
txdownearly = 7
txlomult = 1
txoffhz = 250
txraRd = 0.
sbinit logend ................................
setupTiming tming_gd 0.2
tx cycle.. up: 5:02:43 (18163) down: 5:07:51 (18471)
rx cycle.. up: 5:07:59 (18479) down: 5:13:07 (18787)
phase:7199 fracBdUsecs:0.951
rx on scan: 815400001  5:07:59
setupTiming tming_gd 0.2
tx cycle.. up: 5:13:16 (18796) down: 5:18:24 (19104)
rx cycle.. up: 5:18:32 (19112) down: 5:23:40 (19420)
phase:2537 fracBdUsecs:0.093
sbinit logstart ................................
 Mon Jun  2 05:17:21 2008
_flrxpos = 76.90
_fltxpos = 62.29
_txsyn = 2130000002.0
baud = .5
calport = 1
caltm = 0
cmprate = 1
code = 8191
delayfrac = 1
dev = ri
doifsetup = 1
dop = tx
dopcfr1 = 2380e6
dopcfr2 = 20e6
dopipp = 2000
doptrksmp = 1
ephdelay = 4000
ephname = /share/olda/Ephm/1998JM8.s68
ephoff = 0.
fracbaud = 0.
fraccorr = 0.
fswendtm = 0.
fswfirstfrq = -2e3
fswnumfrq = 0
fswstepfrq = 1e3
fswsteptm = 10
if = 30
iorate = 4000.0
```

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logfile = logfile
maxrec = 1000000.
maxreclenB = 60000
nointlvsetup = 1
numpol = 2
phase = 0
phasemod = 1
pncgen = pncmem
pntmodel = modelSB
pntoffdecrx = 0
pntoffdectx = 0
pntoffrarx = 0
pntoffratx = 0
polystep = 5
prg = rtgProg@da
ratedecAsec = 0.
rateraSec = 0.
rdyrxmask = 15
rdytxmask = 5
rigd = .2
rigw = .5
riipp = 15000.0
ripacking = 4
rispipp = 30000
rxdecRd = 0.
rxdopbpflipped = y
rxechosecst = 0
rxoffhz = 0
rxraRd = 0.
rxsecnoise = 0
settxphase = 0
src = 1998JM8
syn5 = 30.e6
syn6 = 30.e6
tmephm = 19039
tmpoly = 0
tmrxdown = 0
tmrxup = 0
tmtxdown = 0
tmtxup = 0
txdecRd = 0.
txdownearly = 7
txlomult = 1
txoffhz = 2
txraRd = 0.
sbinit logend ...............................
setupTiming tming_gd 0.2
tx cycle.. up: 5:18:57 (19137) down: 5:24:05 (19445)
rx cycle.. up: 5:24:13 (19453) down: 5:29:21 (19761)
phase:4027 fracBdUsecs:0.474
rx on scan: 815400002  5:24:13
setupTiming tming_gd 0.3
tx cycle.. up: 5:29:29 (19769) down: 5:34:37 (20077)
rx cycle.. up: 5:34:45 (20085) down: 5:39:53 (20393)
phase:2640 fracBdUsecs:0.368
rx on scan: 815400003  5:34:45
setupTiming tming_gd 0.5
tx cycle.. up: 5:40:01 (20401) down: 5:45:09 (20709)
rx cycle.. up: 5:45:17 (20717) down: 5:50:25 (21025)
phase:1078 fracBdUsecs:0.157
rx on scan: 815400004  5:45:17
setupTiming tming_gd 0.6
tx cycle.. up: 5:50:33 (21033) down: 5:55:41 (21341)
rx cycle.. up: 5:55:49 (21349) down: 6:00:57 (21657)
phase:7530 fracBdUsecs:0.072
rx on scan: 815400005  5:55:49
setupTiming tming_gd 0.3
tx cycle.. up: 6:01:05 (21665) down: 6:06:13 (21973)
rx cycle.. up: 6:06:21 (21981) down: 6:11:29 (22289)
phase:5613 fracBdUsecs:0.386
rx on scan: 815400006  6:06:21
setupTiming tming_gd 0.4
tx cycle.. up: 6:11:37 (22297) down: 6:16:45 (22605)
rx cycle.. up: 6:16:53 (22613) down: 6:22:01 (22921)
phase:3519 fracBdUsecs:0.314
rx on scan: 815400007  6:16:53
setupTiming tming_gd 0.6
tx cycle.. up: 6:22:09 (22929) down: 6:27:17 (23237)
rx cycle.. up: 6:27:25 (23245) down: 6:32:33 (23553)
phase:1247 fracBdUsecs:0.126
rx on scan: 815400008  6:27:25
setupTiming tming_gd 0.7
tx cycle.. up: 6:32:41 (23561) down: 6:37:49 (23869)
rx cycle.. up: 6:37:57 (23877) down: 6:43:05 (24185)
phase:6988 fracBdUsecs:0.040
rx on scan: 815400009  6:37:57
setupTiming tming_gd 0.5
tx cycle.. up: 6:43:13 (24193) down: 6:48:21 (24501)
rx cycle.. up: 6:48:29 (24509) down: 6:53:37 (24817)
phase:4360 fracBdUsecs:0.180
rx on scan: 815400010  6:48:29
setupTiming tming_gd 0.3
tx cycle.. up: 6:53:45 (24825) down: 6:58:53 (25133)
rx cycle.. up: 6:59:01 (25141) down: 7:04:09 (25449)
phase:1555 fracBdUsecs:0.375
rx on scan: 815400011  6:59:01
setupTiming tming_gd 0.4
tx cycle.. up: 7:04:17 (25457) down: 7:09:25 (25765)
rx cycle.. up: 7:09:33 (25773) down: 7:14:41 (26081)
phase:6766 fracBdUsecs:0.266
rx on scan: 815400012  7:09:33
setupTiming tming_gd 0.3
tx cycle.. up: 7:14:49 (26089) down: 7:19:57 (26397)
rx cycle.. up: 7:20:05 (26405) down: 7:25:13 (26713)
phase:3611 fracBdUsecs:0.400
rx on scan: 815400013  7:20:05
setupTiming tming_gd 0.6
tx cycle.. up: 7:25:21 (26721) down: 7:30:29 (27029)
rx cycle.. up: 7:30:37 (27037) down: 7:35:45 (27345)
phase:284 fracBdUsecs:0.149
```