BIMA phaselock system

10 MHz from lab

10 MHz buffer

20/40/80 gen

40 MHz

20 MHz

offset generator

80 MHz

band select

3G Gunn osc

1mm phaselock mixer

3G phaselock mixer

4 pole switch HP8767

I.F.

to 3G phaselock mixer

to 1mm phaselock mixer

4th harm mix Hittite 264

I.F. select switch

3G Gunn osc

1mm Gunn osc

I.F.

phsick T/F

phsick IF level (0-10)

error volts (-5 to 5)

1100-1260 MHz

from lab

ref level DK

BIMA phaselock system

AGC

harmonic generator

Marki MIDB14LA

YIG osc

Microlambda ML05-0813P

YIG driver

Xband phaselock

20 MHz coarse tuning

phsick T/F

phsick IF level (0-10)

error volts (-5 to 5)