

G4EAT/P READY FOR ACTION ON 76GHz

Rx Module/Lens Horn Antenna on left, Tx Module LHA on right. GigaWave tripod.



2 x Flann Lens
Horn Antennas
designed for
57GHz.

144MHz IF amp

WA1MBA LNA
used as PA

TX IF

WG 10dB
attenuator

DB6NT DSB mixer
with X3 on LO
input

LO power divider

Synth LO with PIC
programmed for 2 LO
frequencies: 75,831MHz
and +3MHz.

MEDL fundamental
mixer with +V-V
diode bias board
and wooden block
to allow direct
antenna connxn

MA416 doubler
from 38GHz tripler
output to 76GHz
as LO

