Audio Amp

http://kitsandparts.com/mpp/

Band Pass Filters
Use latching relays
Mouser # 653-G6SU-2F-DC5

RF Power Amp
with drive level control
PN2222A pre-driver
two 2N5109 push-pull
two RD16HHF1 push-pull
mount the MOSFETS
on the edge of the PCB
Use enclosure as heatsink
Include receiver attenuator
using mosfet switching

Low Pass Filters - 7 pole
Use latching relays
Mouser # 653-G6SU-2F-DC5

SWR Bridge

Dual Antenna I/O
Use latching relay
Mouser # 653-G6SU-2F-DC5