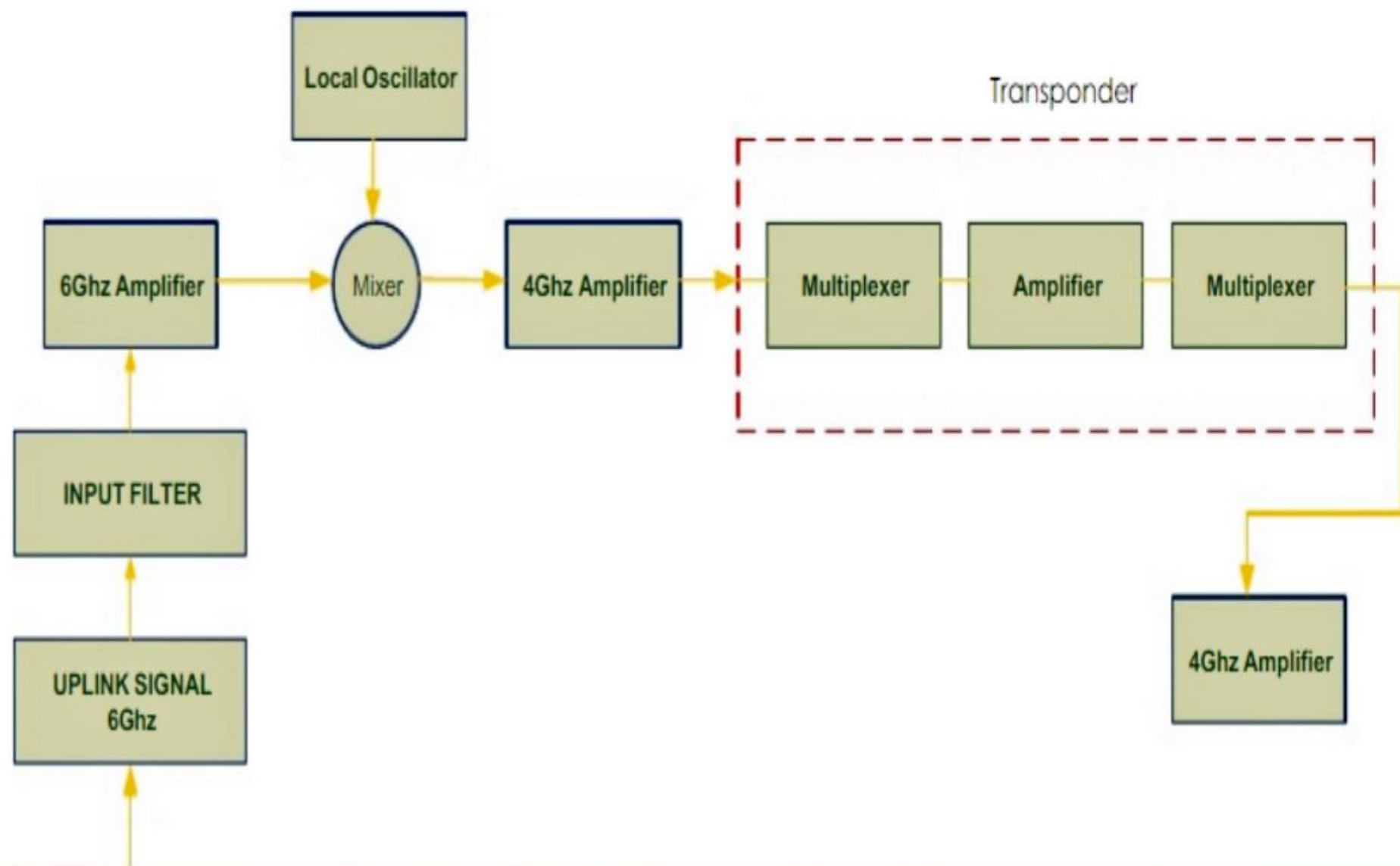


Block Diagram of Satellite Communication System



Function of the each block diagram

Uplink Signal

The 6Ghz uplink can be data from TV signal and Telephone lines.

Input Signal

Is to make sure that any out of band signals are reduced to acceptable levels so that the amplifier is not overloaded

Mixer & Local Oscillator

Is to convert the uplink frequency to lower frequency (downlink)

Transponder

Is the two way communication switching.