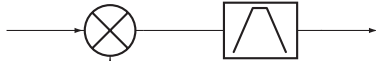


RF signal
2 GHz

Bandpass filter
1 GHz

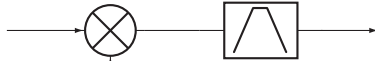


LO signal
3 GHz

(a)

RF signal
2 GHz

Bandpass filter
5 GHz



LO signal
3 GHz

(b)