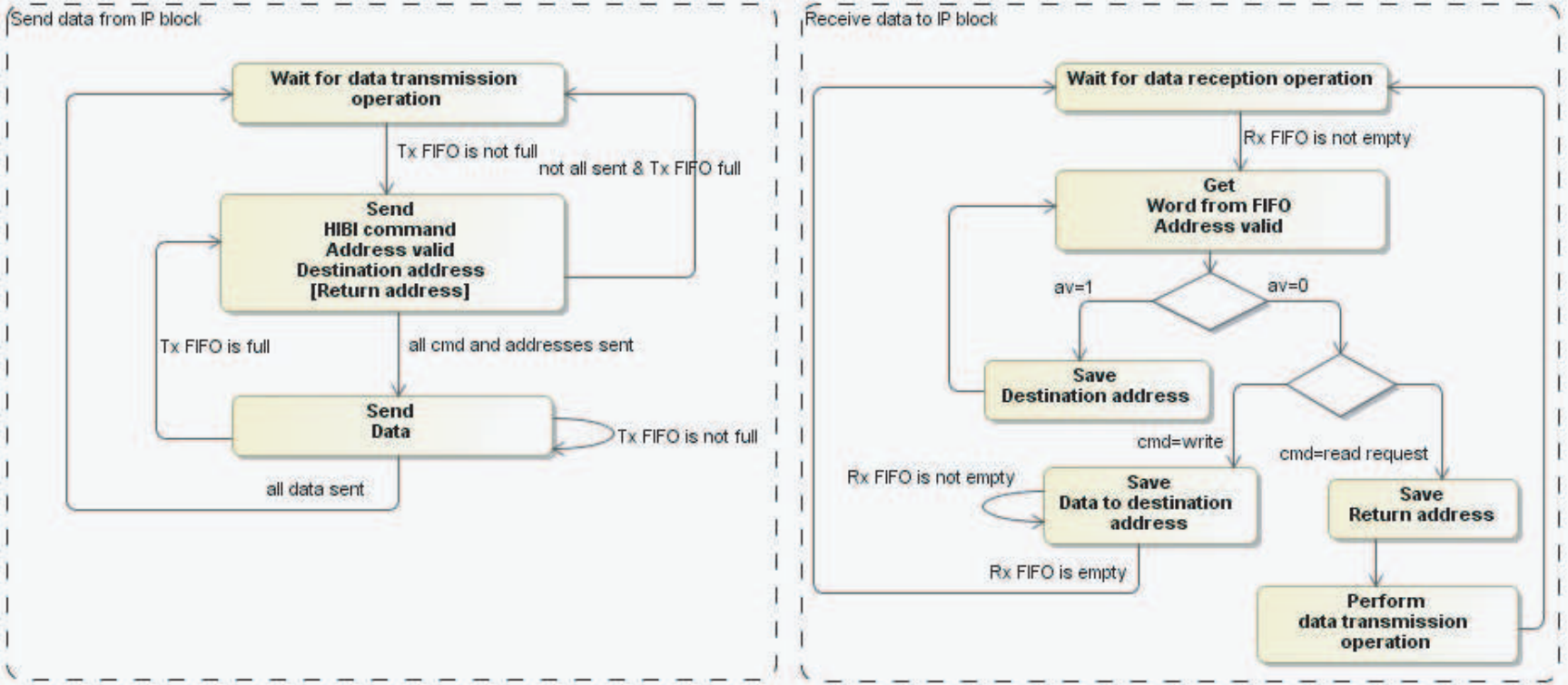
Send data from IP block
Wait for data transmission operation
Tx FIFO is not full
not all sent & Tx FIFO full
Send
HIBI command
Address valid
Destination address
[Return address]
Tx FIFO is full
all cmd and addresses sent
Send
Data
Tx FIFO is not full
all data sent
Receive data to IP block
Wait for data reception operation
Rx FIFO is not empty
Get
Word from FIFO
Address valid
av=1
av=0
Save
Destination address
cmd=write
cmd=read request
Rx FIFO is not empty
Save
Data to destination address
Save
Return address
Rx FIFO is empty
Perform
data transmission
operation