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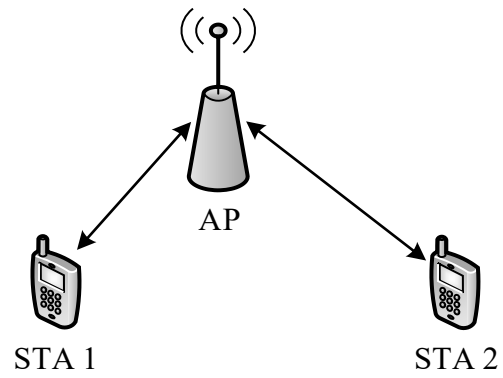


FIG. 1a

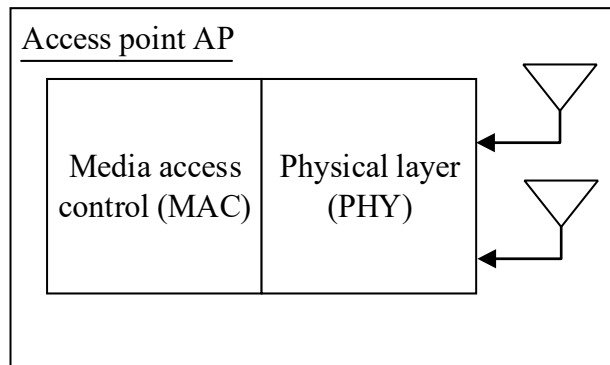


FIG. 1b

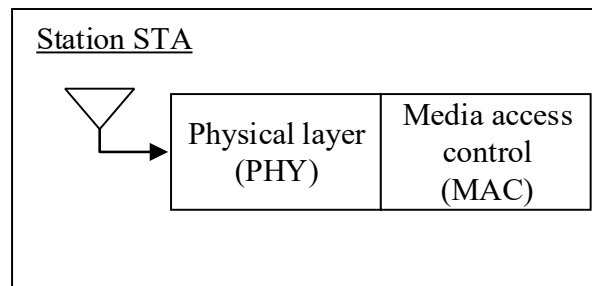


FIG. 1c

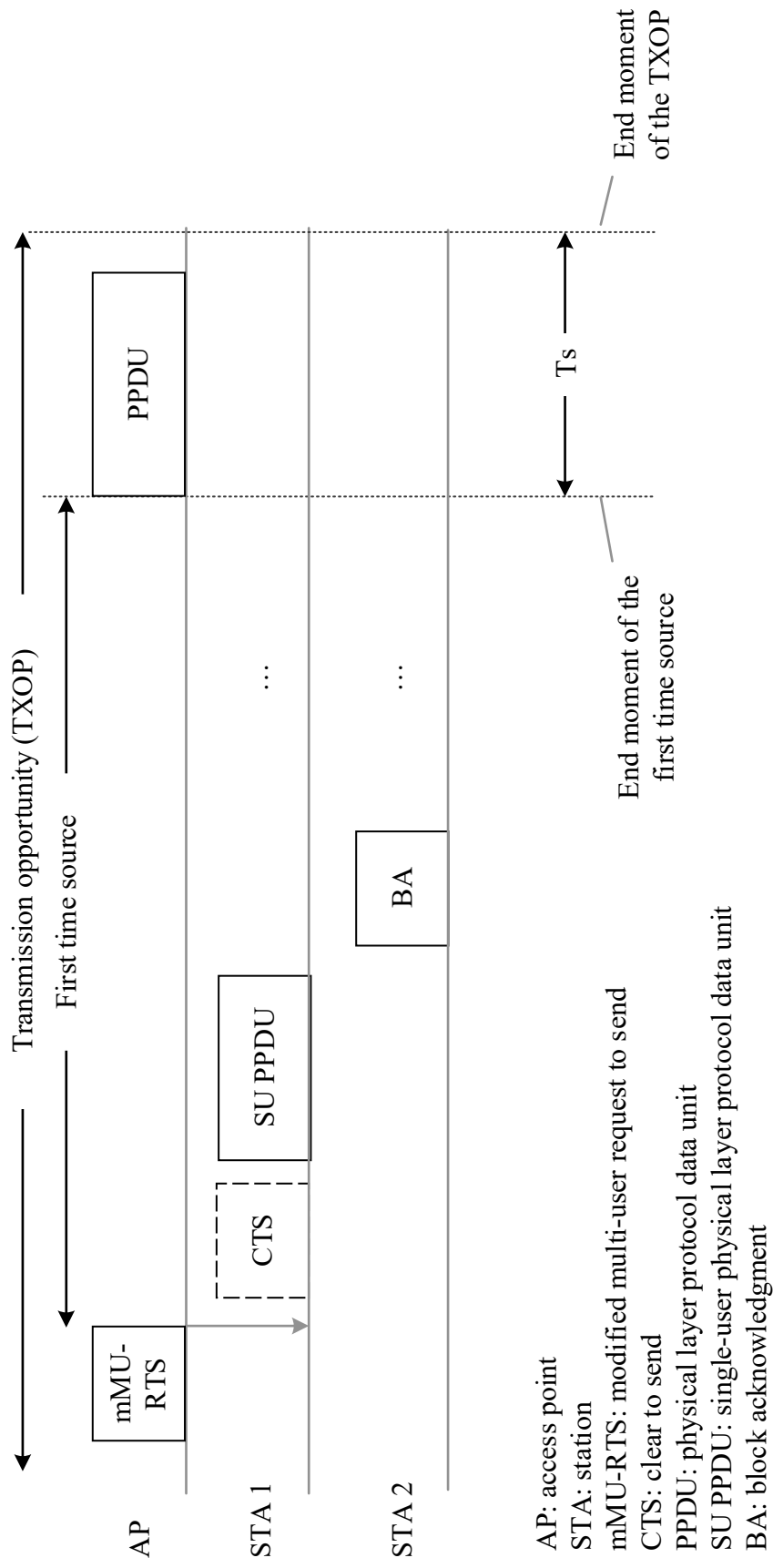
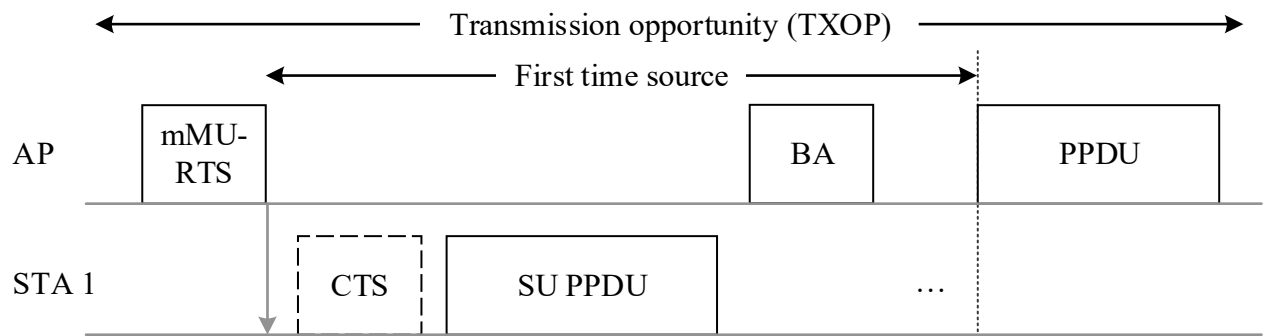
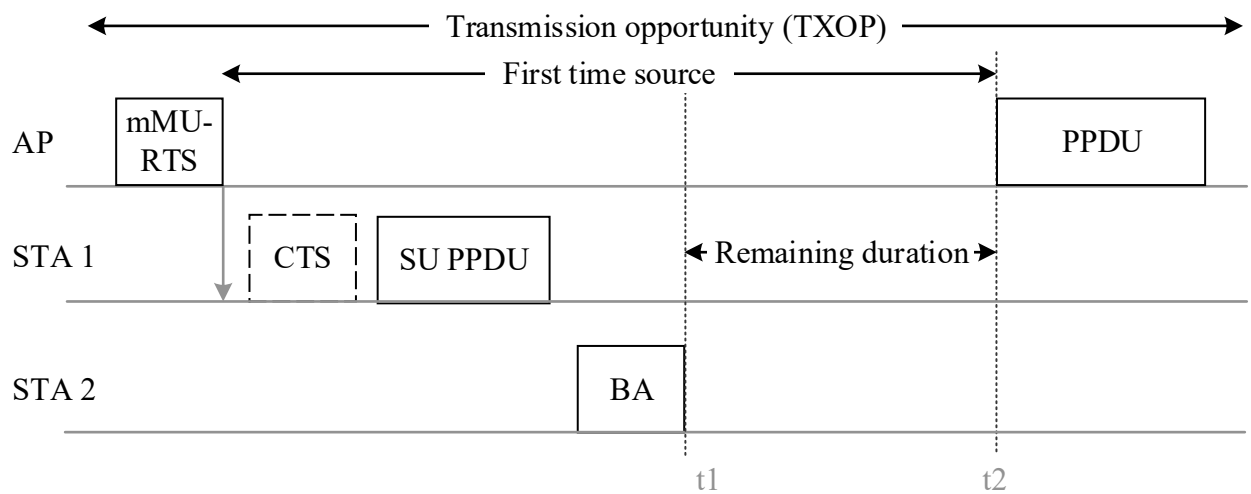


FIG. 2a



AP: access point
 STA: station
 mMU-RTS: modified multi-user request to send
 CTS: clear to send
 PPDU: physical layer protocol data unit
 SU PPDU: single-user physical layer protocol data unit
 BA: block acknowledgment

FIG. 2b



AP: access point
 STA: station
 mMU-RTS: modified multi-user request to send
 CTS: clear to send
 PPDU: physical layer protocol data unit
 SU PPDU: single-user physical layer protocol data unit
 BA: block acknowledgment

FIG. 2c

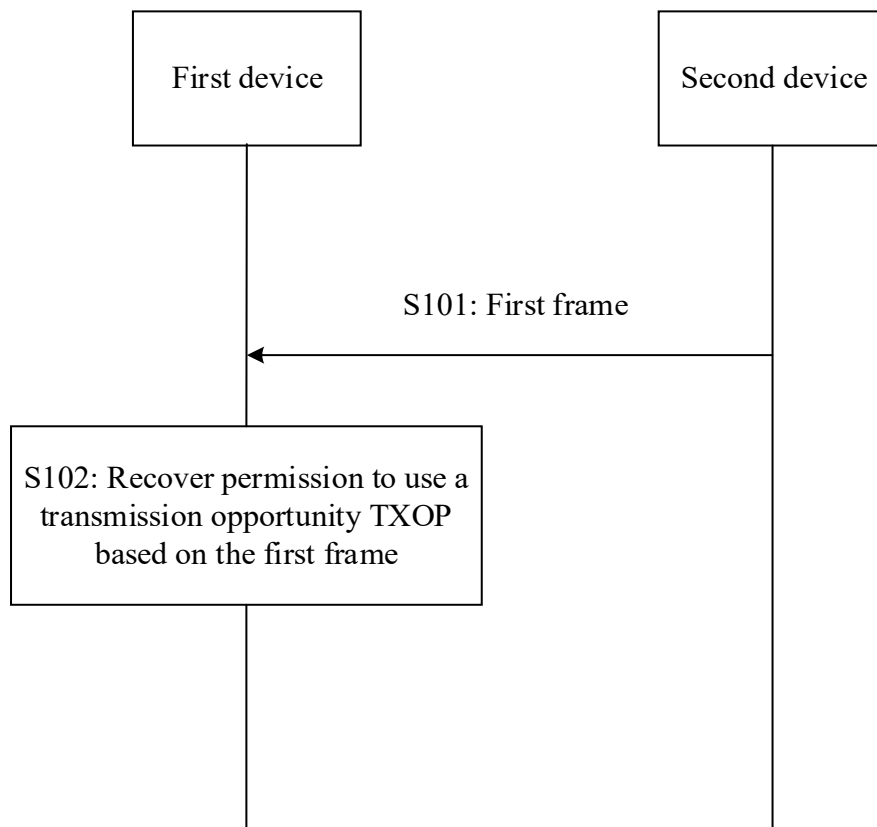


FIG. 3

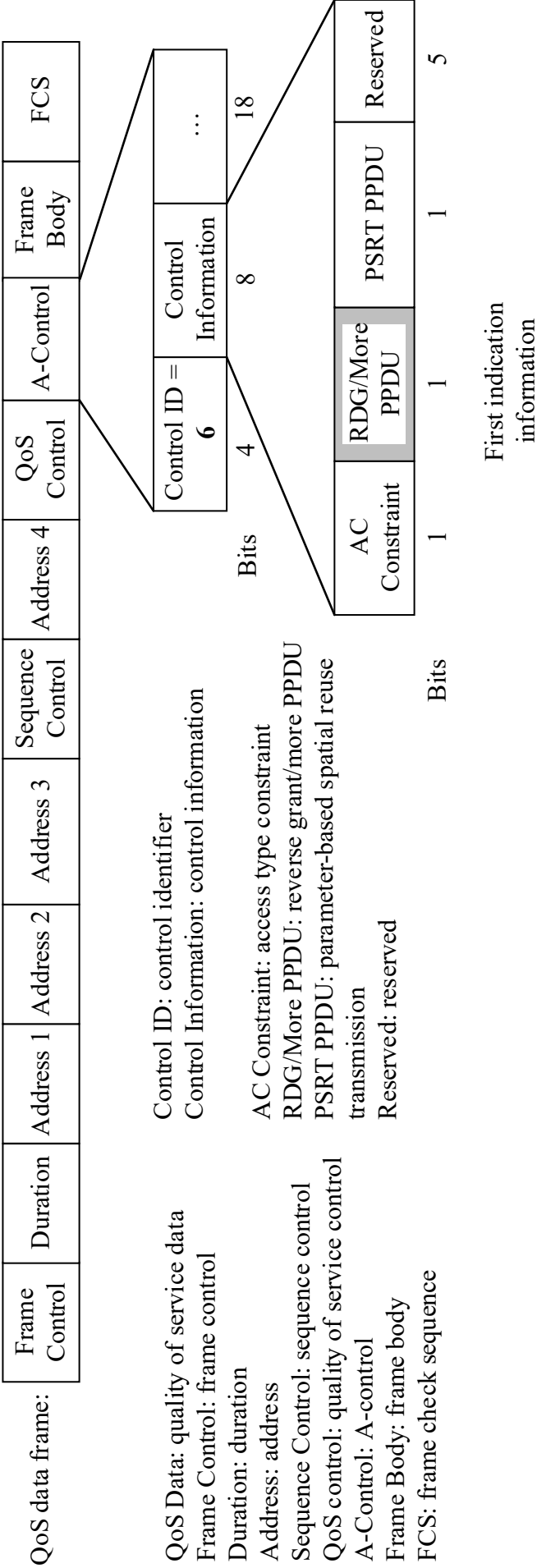
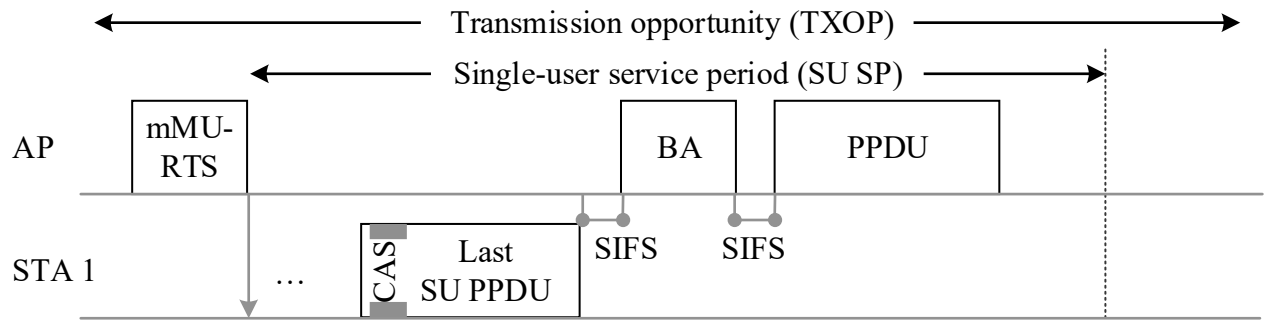
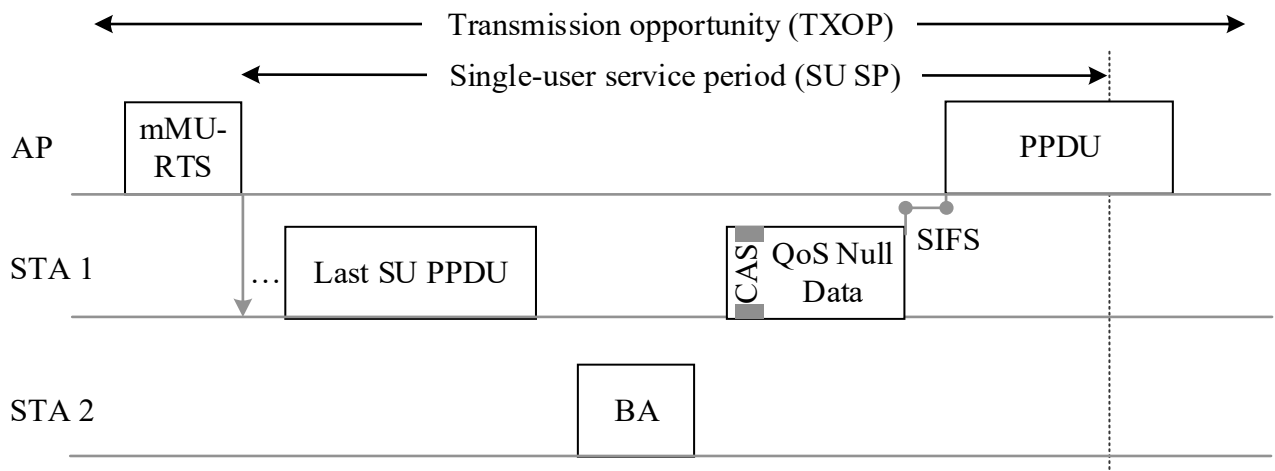


FIG. 4



AP: access point
 STA: station
 mMU-RTS: modified multi-user request to send
 PPDU: physical layer protocol data unit
 SU PPDU: single-user physical layer protocol data unit
 SIFS: short inter-frame space
 BA: block acknowledgment
 CAS: command and status

FIG. 5



AP: access point
 STA: station
 mMU-RTS: modified multi-user request to send
 PPDU: physical layer protocol data unit
 SU PPDU: single-user physical layer protocol data unit
 SIFS: short inter-frame space
 BA: block acknowledgment
 CAS: command and status
 QoS Null Data: quality of service null data

FIG. 6

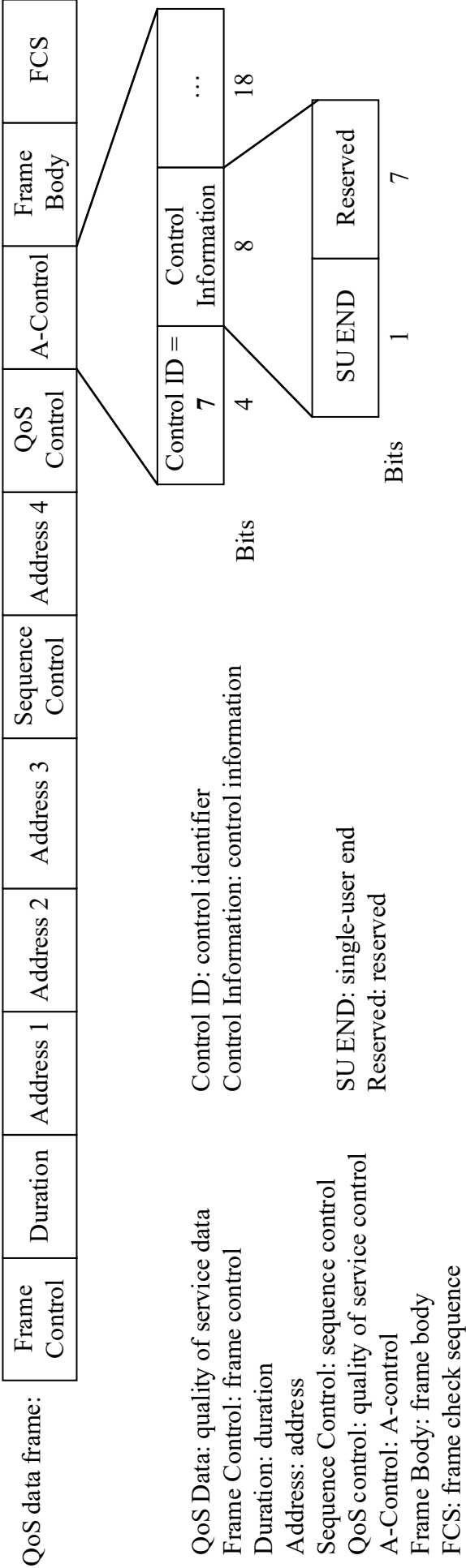


FIG. 7

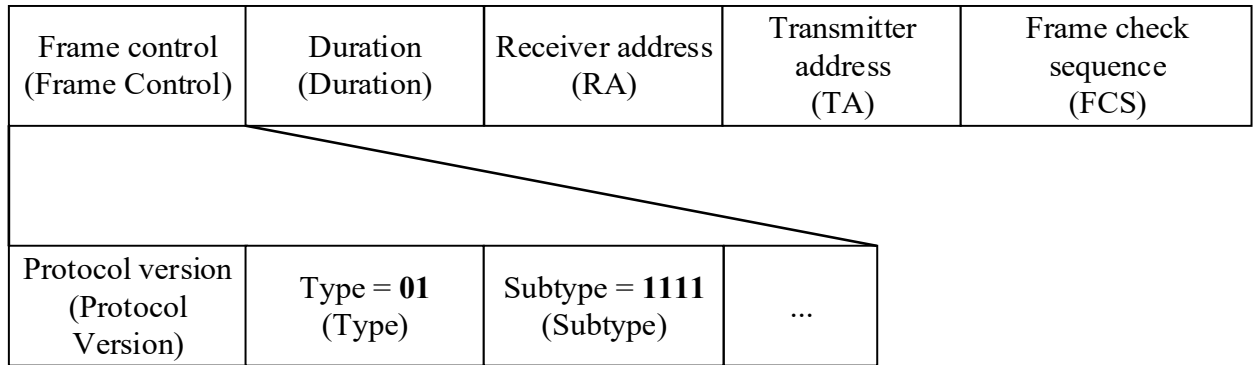
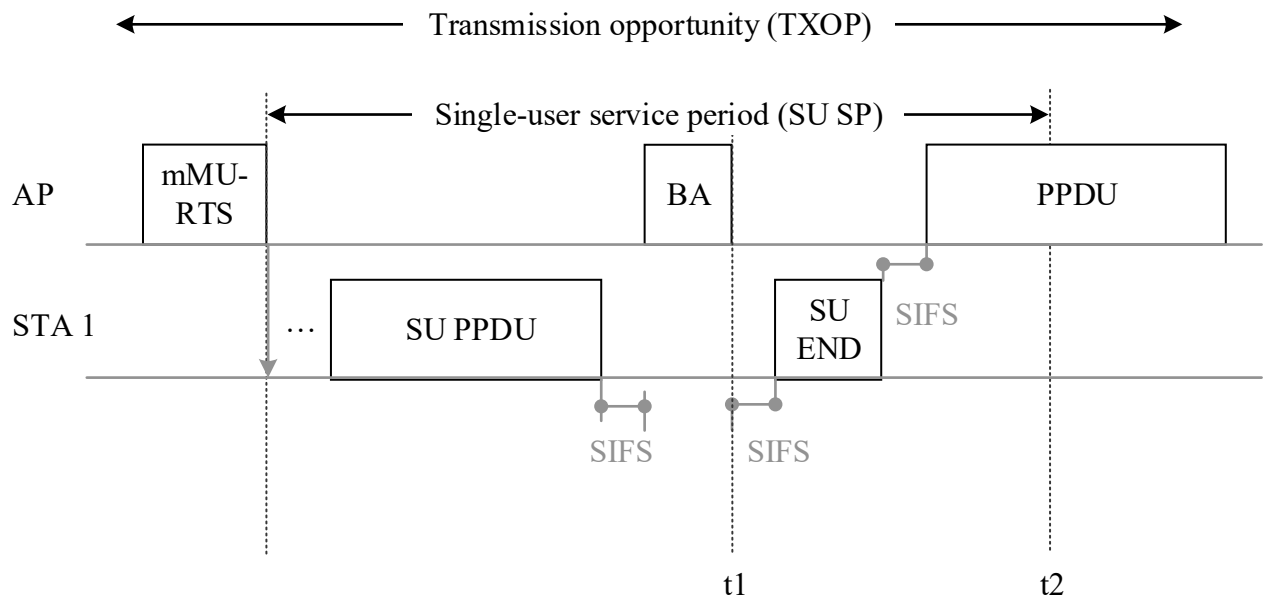


FIG. 8



AP: access point

STA: station

mMU-RTS: modified multi-user request to send

PPDU: physical layer protocol data unit

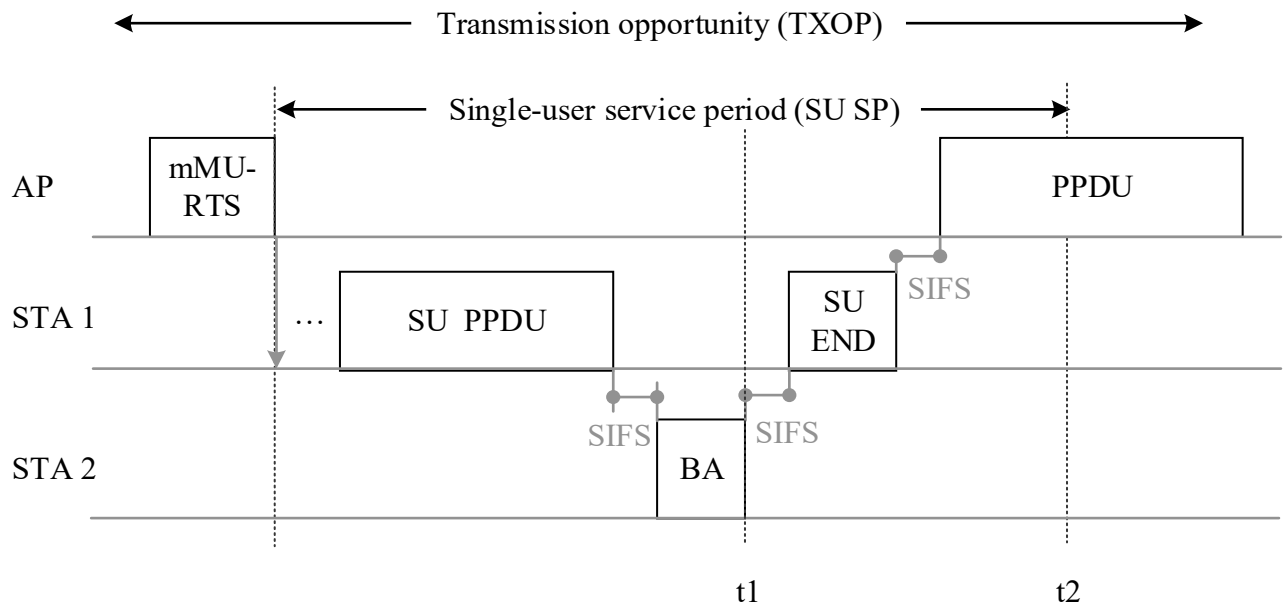
SU PPDUs: single-user physical layer protocol data unit

SIFS: short inter-frame space

BA: block acknowledgment

SU END: single-user end

FIG. 9



AP: access point

STA: station

mMU-RTS: modified multi-user request to send

PPDU: physical layer protocol data unit

SU PPDU: single-user physical layer protocol data unit

SIFS: short inter-frame space

BA: block acknowledgment

SU END: single-user end

FIG. 10

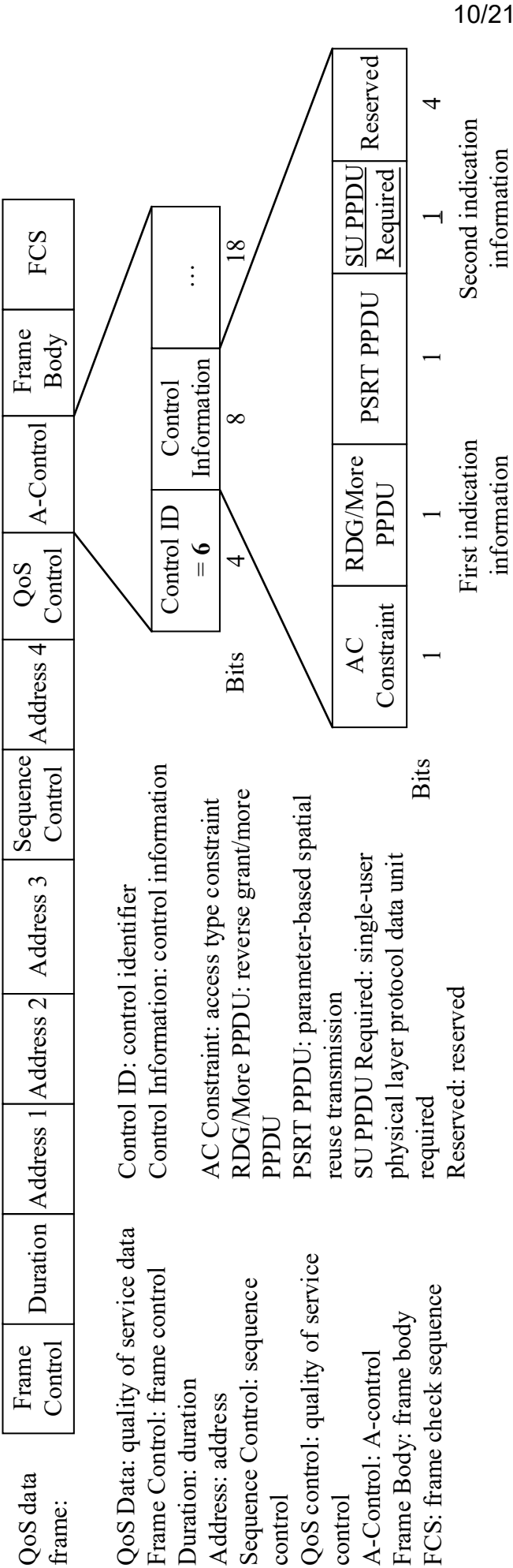


FIG. 11(a)

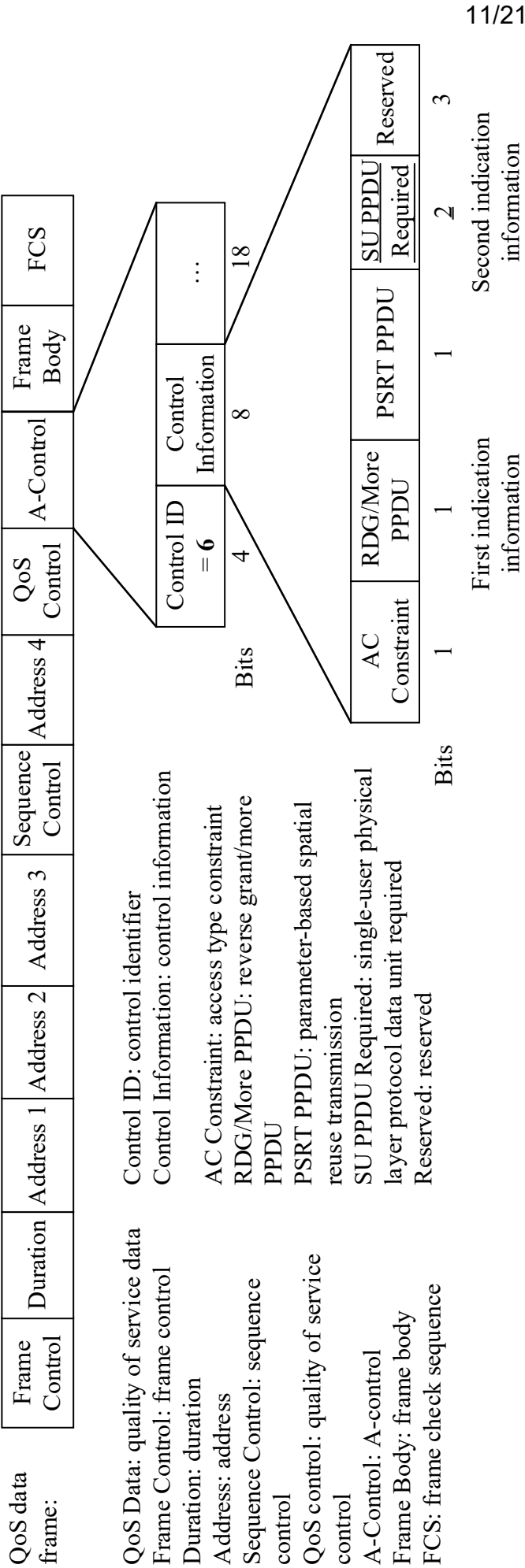


FIG. 11(b)

Protocol version	Type	Subtype	To a distributed system	From a distributed system	More fragments	Retry	Power management	More data	Protected frame	Add high throughput control +HTC
Protocol Version	Type	Subtype	To DS	From DS	More Fragments	Retry	Power Management	More Data	Protected Frame	

FIG. 12

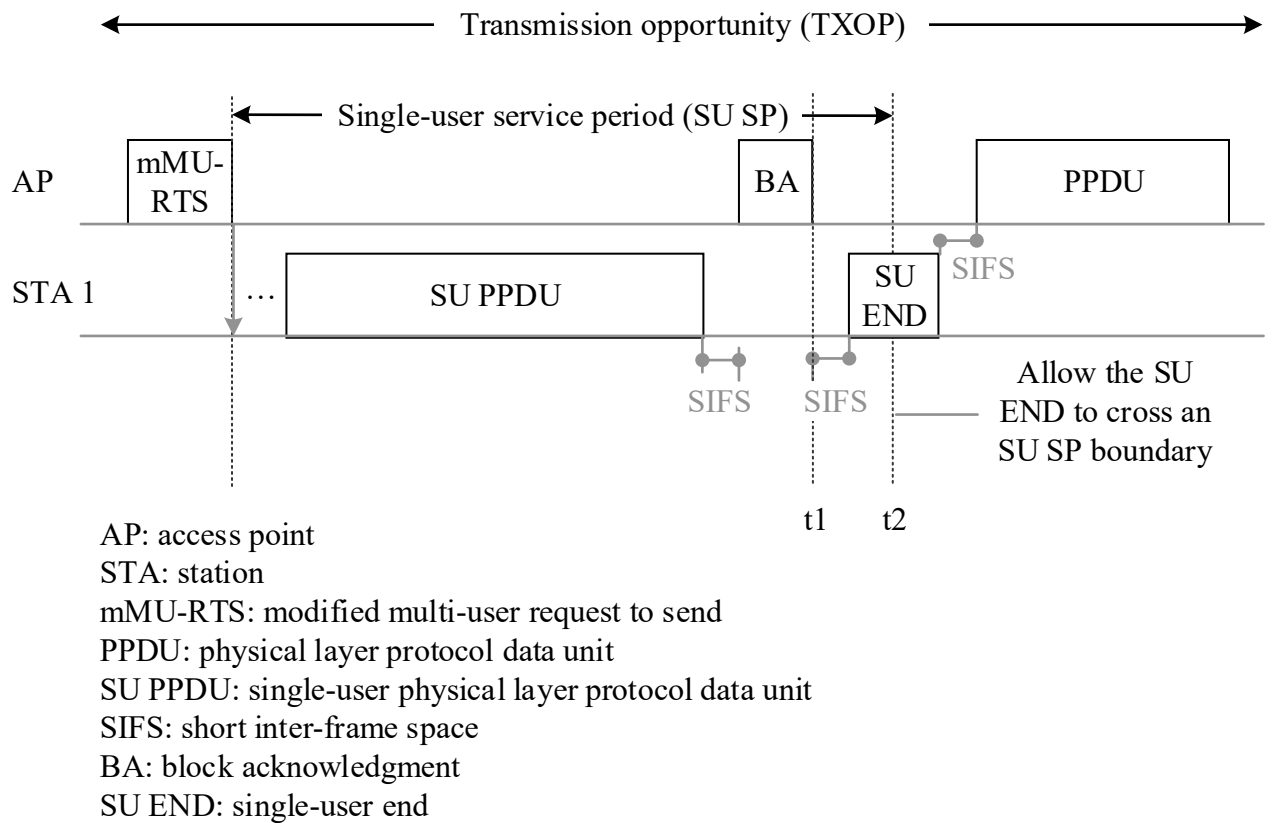
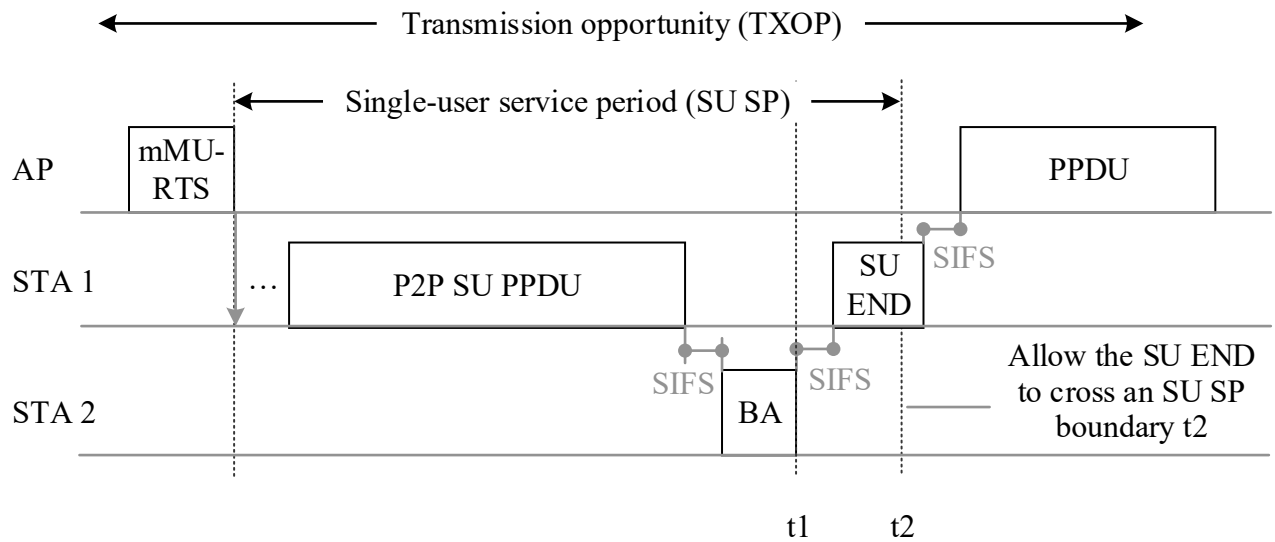


FIG. 13



AP: access point

STA: station

mMU-RTS: modified multi-user request to send

PPDU: physical layer protocol data unit

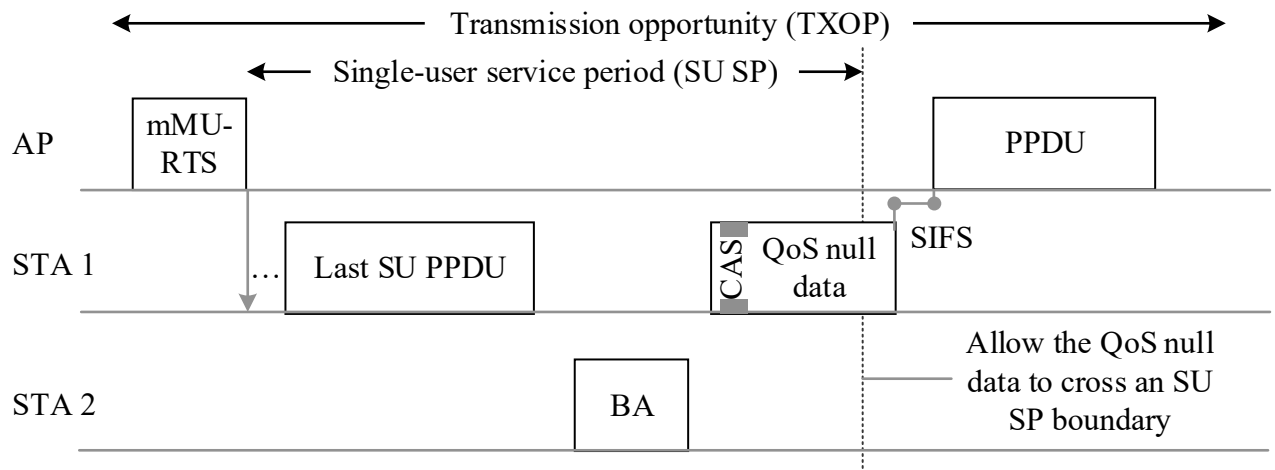
SU PPDU: single-user physical layer protocol data unit

SIFS: short inter-frame space

BA: block acknowledgment

SU END: single-user end

FIG. 14



AP: access point
 STA: station
 mMU-RTS: modified multi-user request to send
 PPDU: physical layer protocol data unit
 SU PPDU: single-user physical layer protocol data unit
 SIFS: short inter-frame space
 BA: block acknowledgment
 CAS: command and status
 QoS Null Data: quality of service null data

FIG. 15

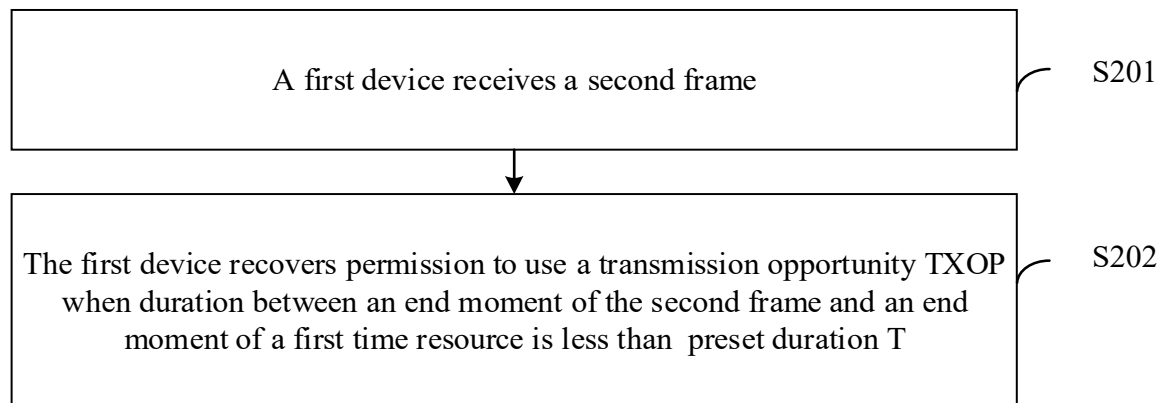
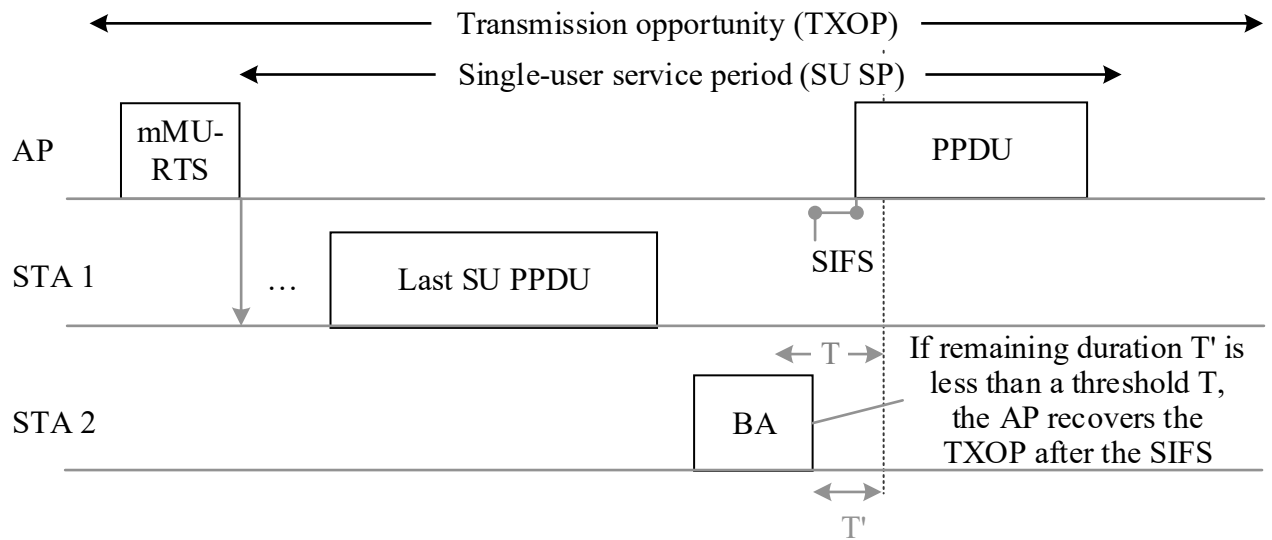


FIG. 16



AP: access point
 STA: station
 mMU-RTS: modified multi-user request to send
 PPDU: physical layer protocol data unit
 SU PPDU: single-user physical layer protocol data unit
 SIFS: short inter-frame space
 BA: block acknowledgment

FIG. 17

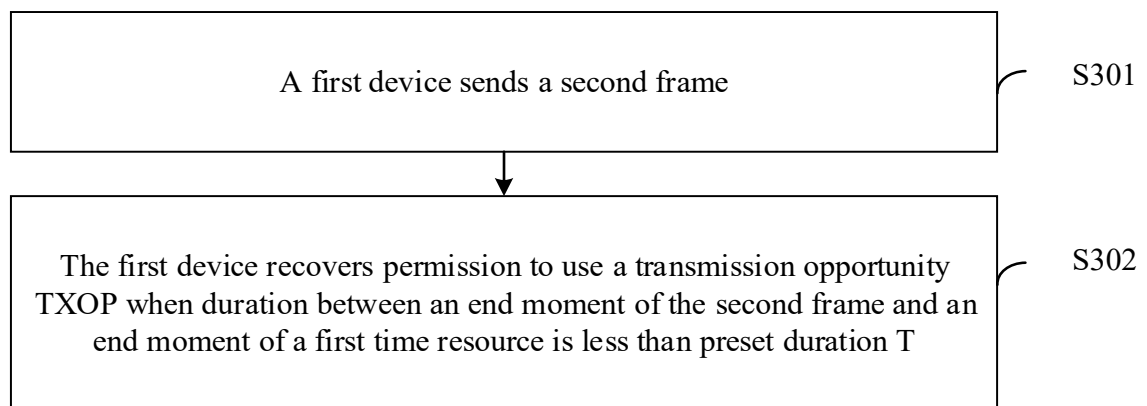
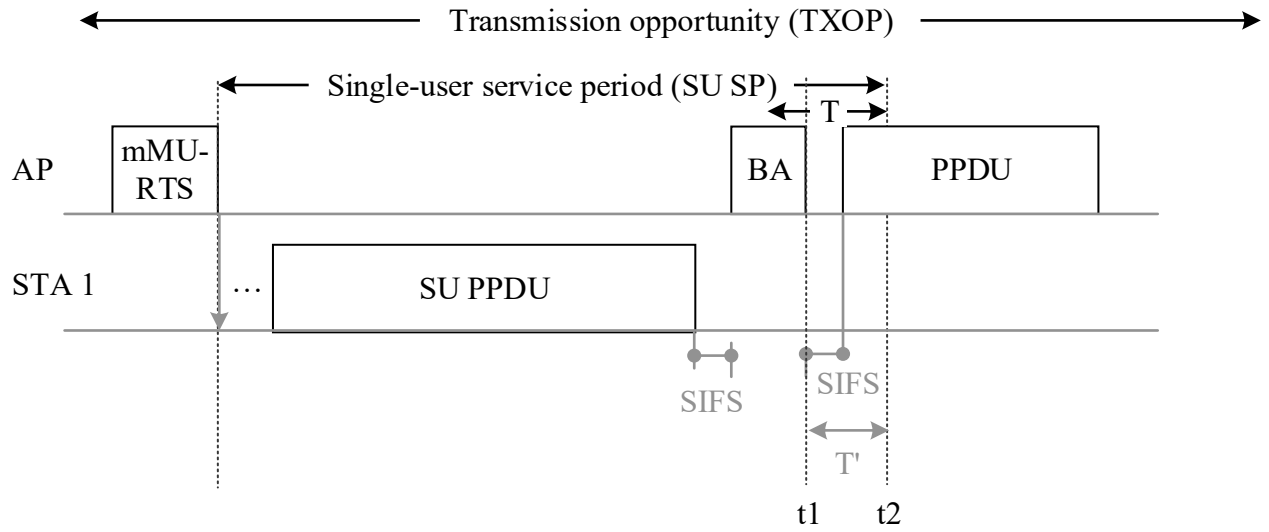


FIG. 18



AP: access point

STA: station

mMU-RTS: modified multi-user request to send

PPDU: physical layer protocol data unit

SU PPDU: single-user physical layer protocol data unit

SIFS: short inter-frame space

BA: block acknowledgment

FIG. 19

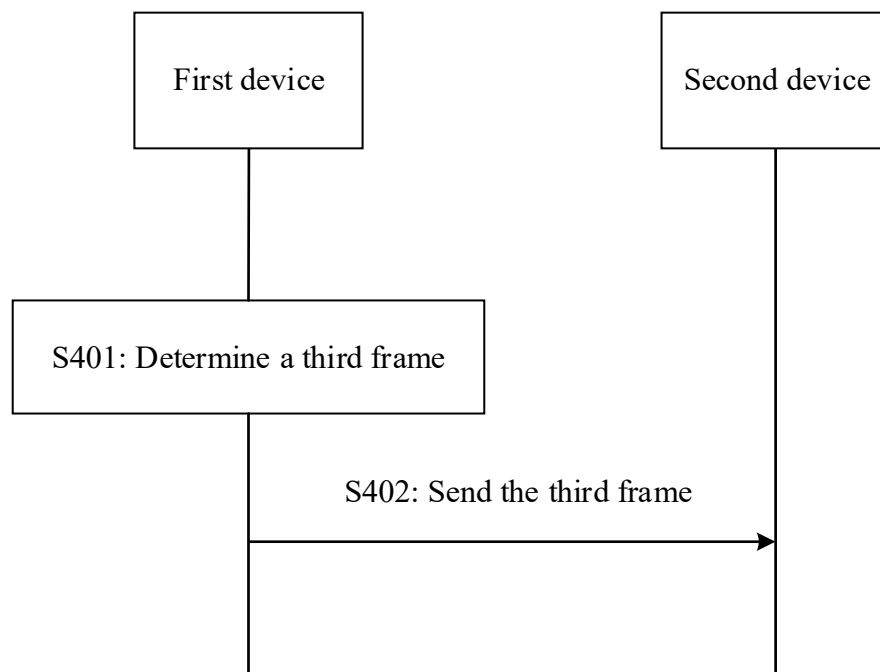
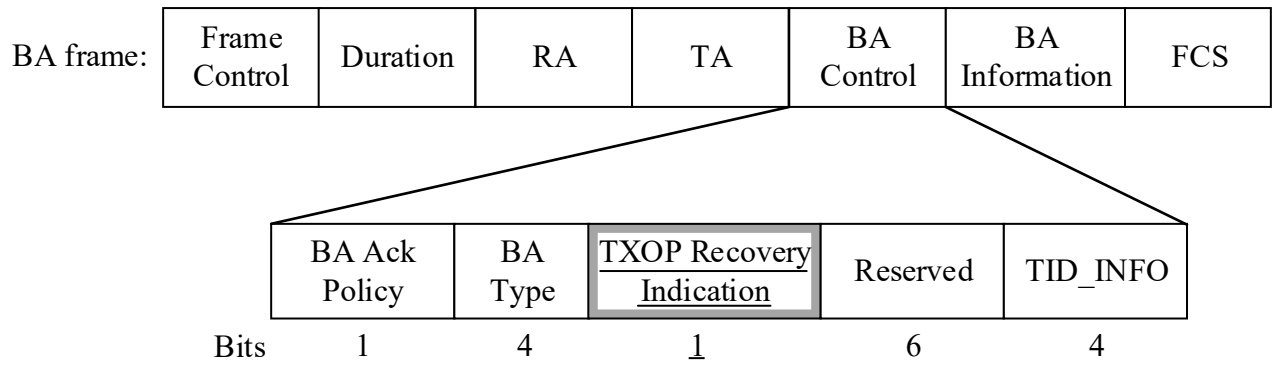


FIG. 20



BA: block acknowledgment

TXOP: transmission opportunity

Frame Control: frame control

Duration: duration

RA: receiver address

TA: transmitter address

BA Control: BA control

BA Information: BA information

FCS: frame check sequence

BA Ack Policy: block acknowledgment policy

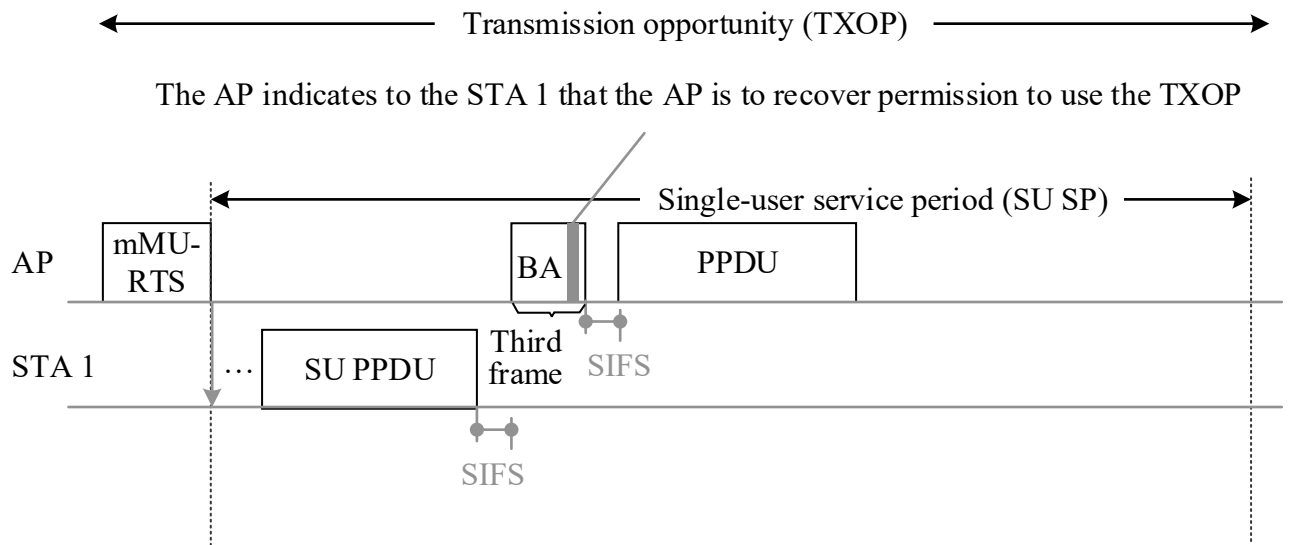
BA Type: block acknowledgment type

TXOP Recovery Indication: TXOP recovery indication

Reserved: reserved

TID_INFO: service identifier information

FIG. 21



AP: access point

STA: station

mMU-RTS: modified multi-user request to send

PPDU: physical layer protocol data unit

SU PPDU: single-user physical layer protocol data unit

SIFS: short inter-frame space

BA: block acknowledgment

FIG. 22

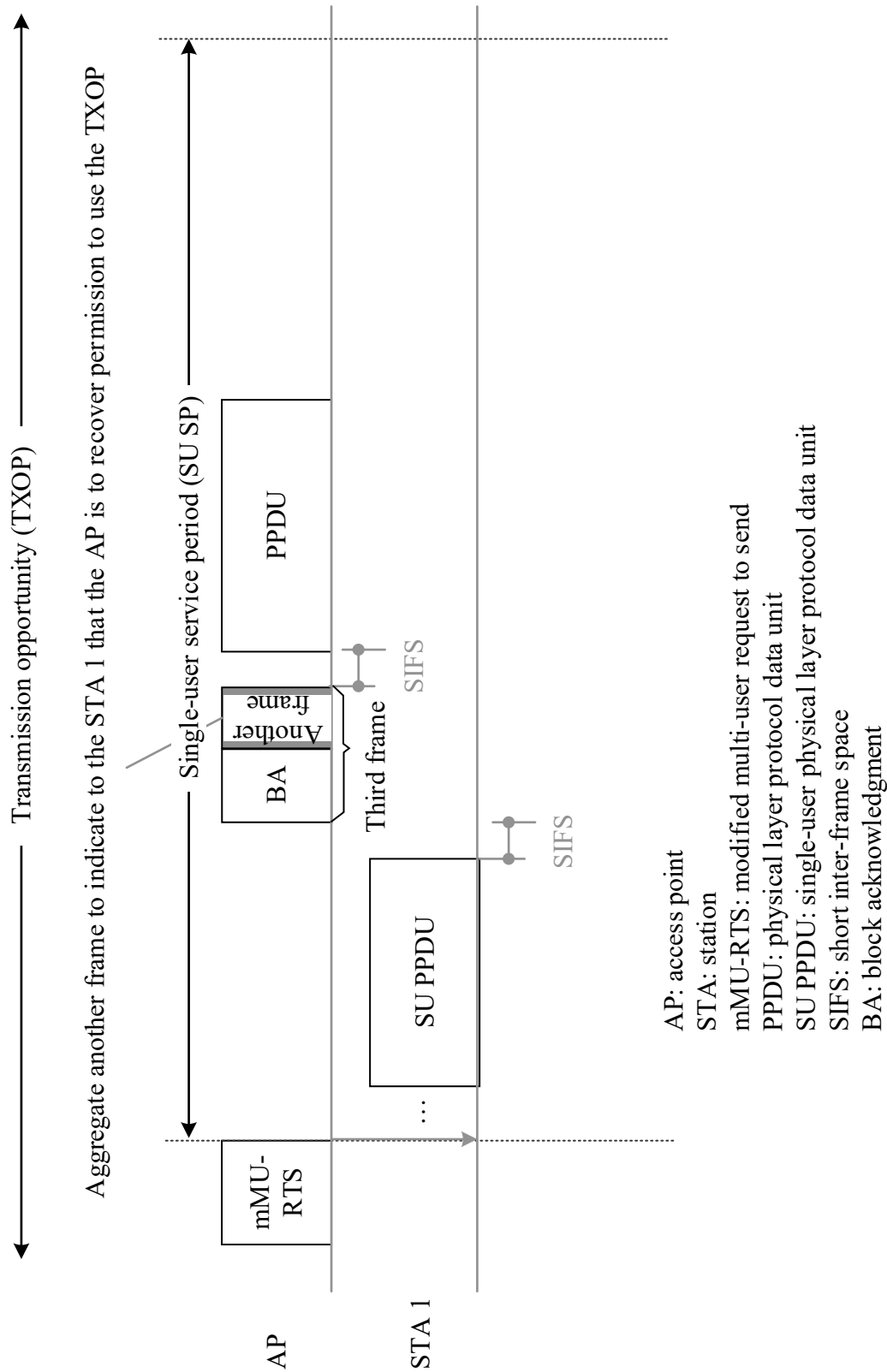


FIG. 23

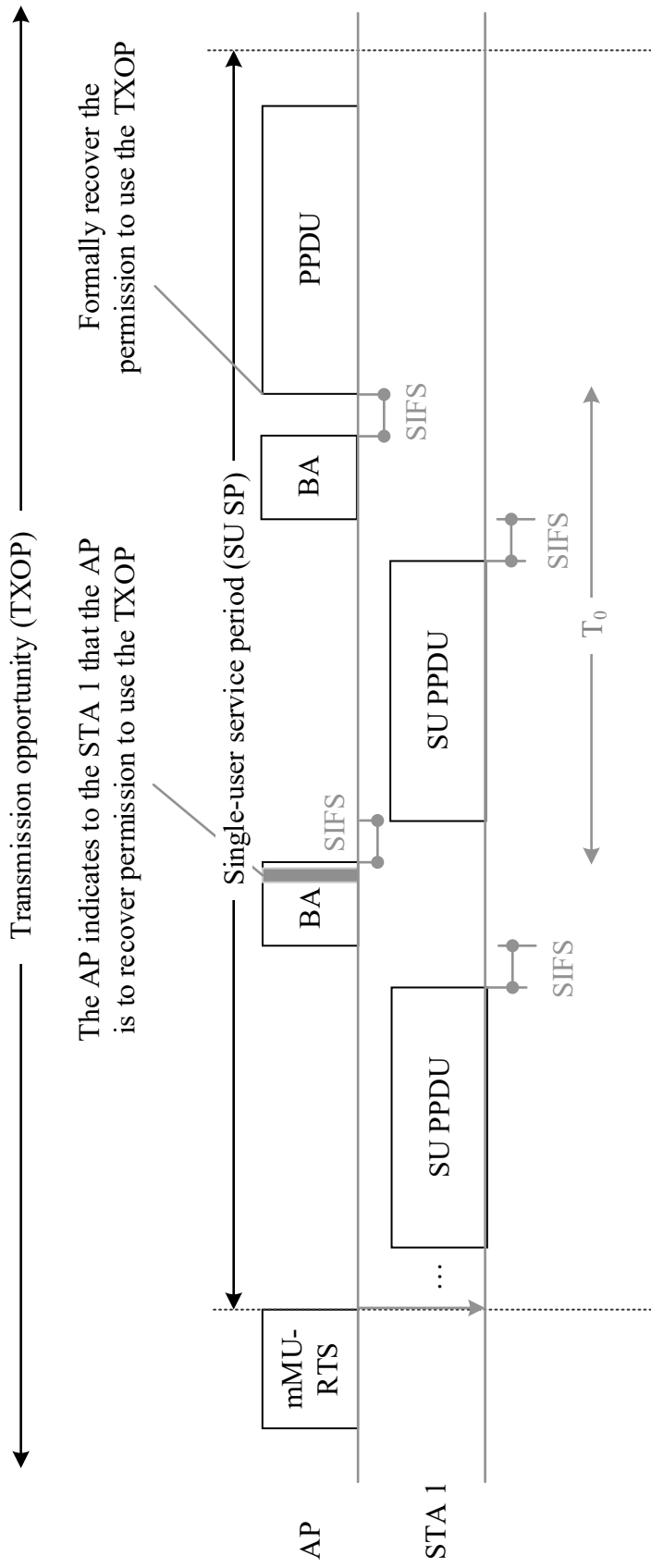


FIG. 24

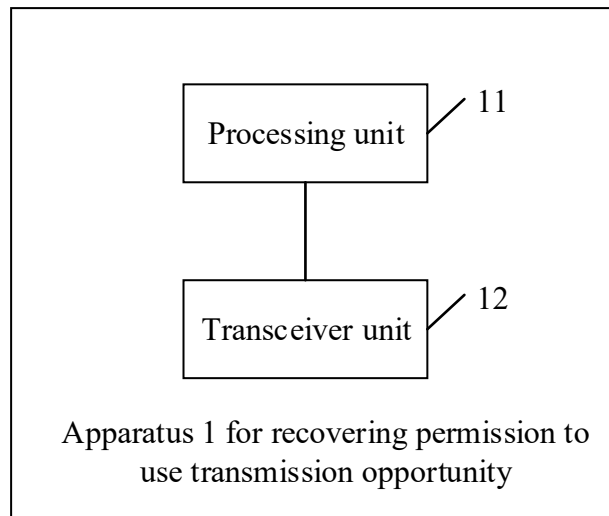


FIG. 25

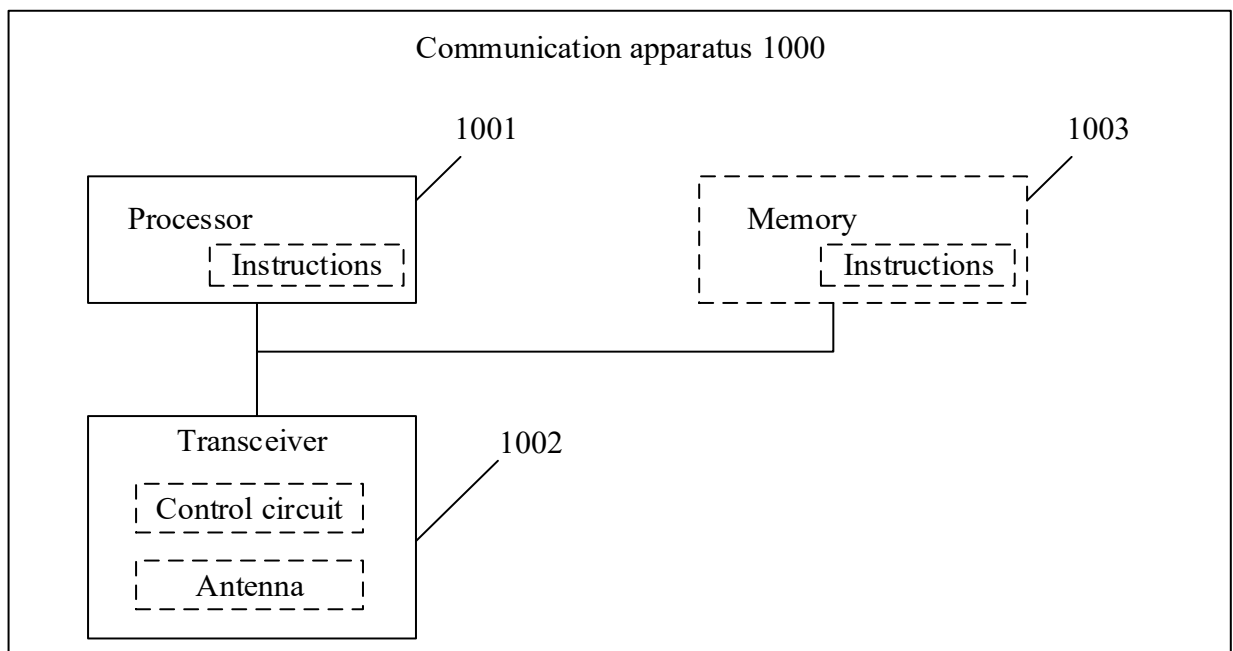


FIG. 26