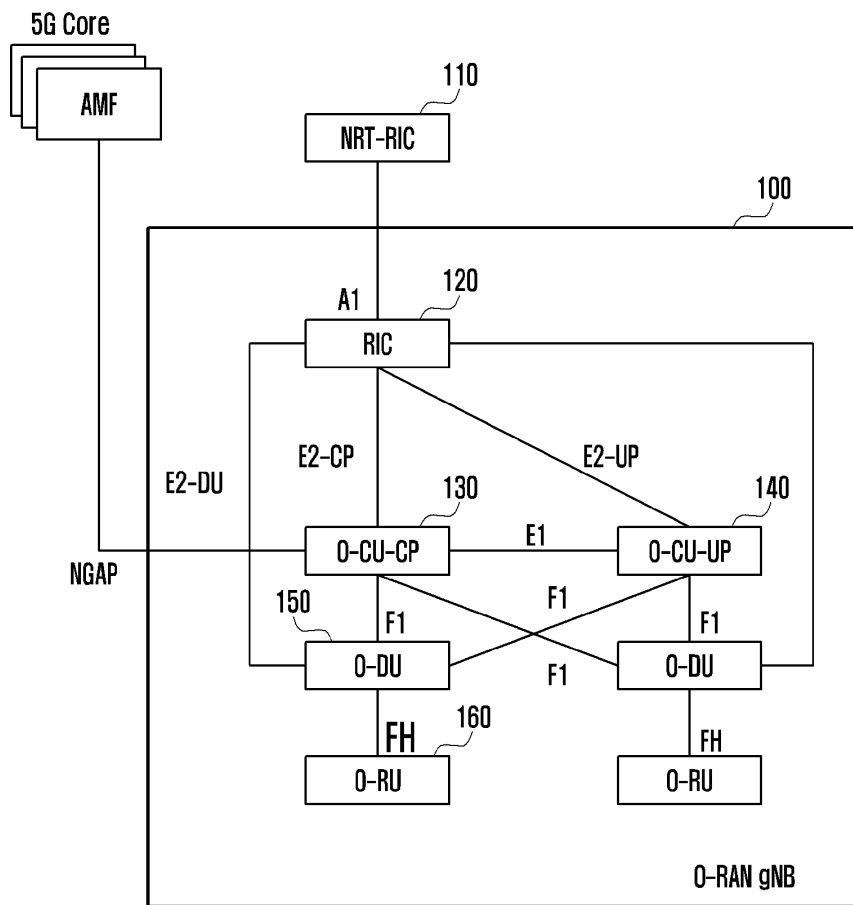
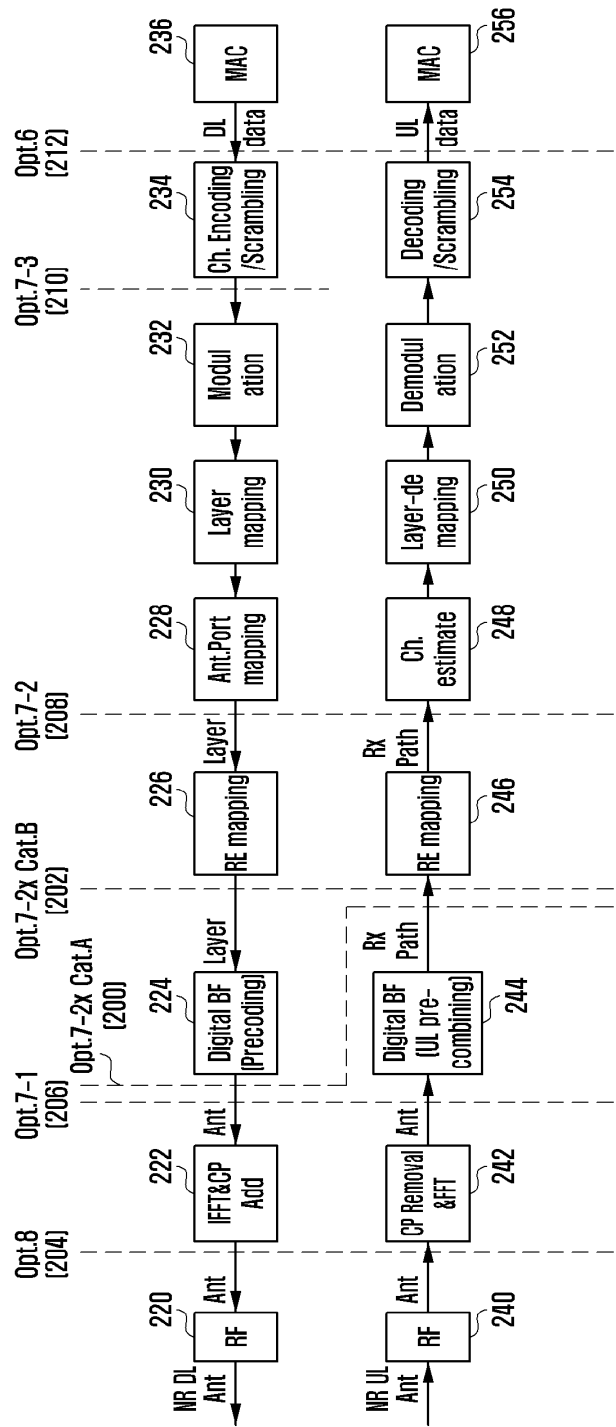


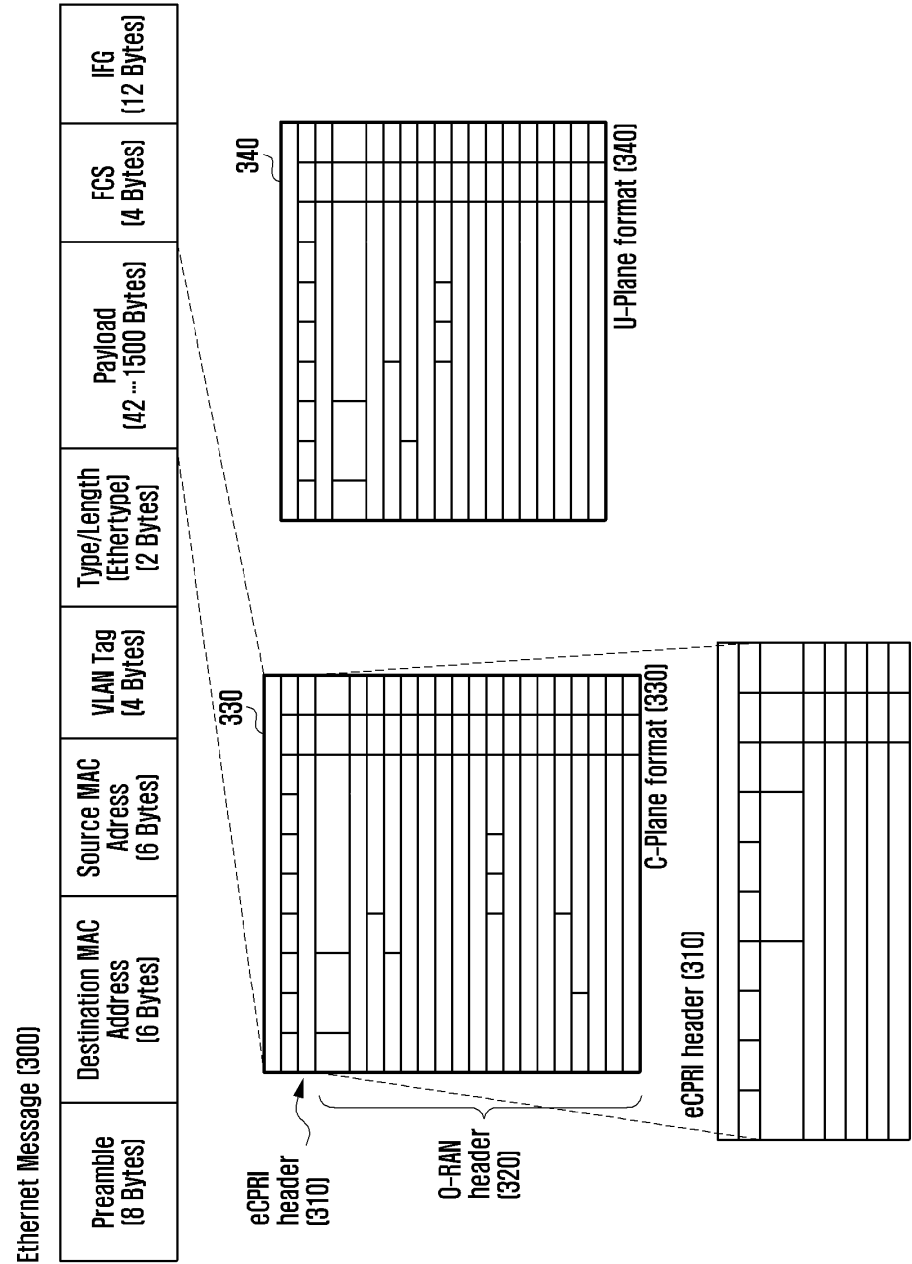
[Fig. 1]



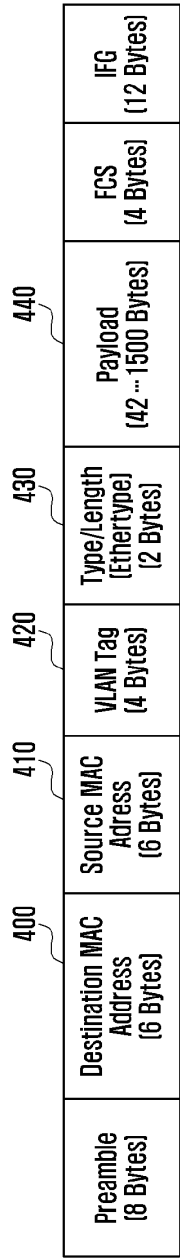
[Fig. 2]



[Fig. 3]

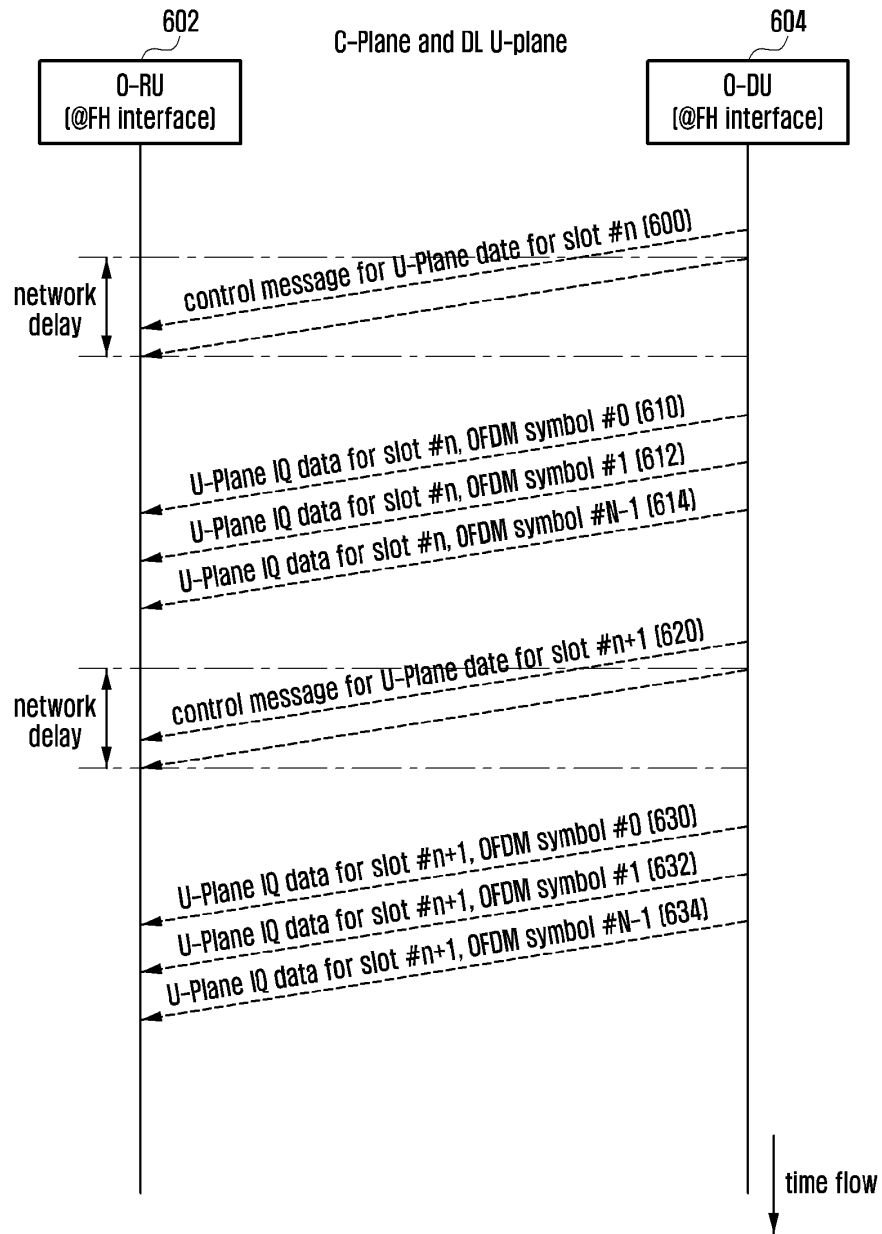


[Fig. 4]



Section Type : any									
0 (mbs)	1	2	3	4	5	6	7 (lbs)	#of bytes	
ecpriVersion (500)			ecpriReserved (510)			ecpriConcatenation (520)		1	Octet 1
			ecpriMessage (530)					1	Octet 2
			ecpriPayload (540)					2	Octet 3
			ecpriRtId / ecpriPcId (550)					2	Octet 5
			ecpriSeqId (560)					2	Octet 7

[Fig. 6]



700

0 (mbs)	1	2	3	4	5	6	7 (lbs)	#of bytes		
transport header									Octet 1	
dataDirection [702]	payloadVersion		filterIndex [704]						1	Octet 9
frameId [706]									1	Octet 10
subframeId [708]			slotId [710]						1	Octet 11
slotId	startSymbolId								1	Octet 12
numberOfSections [714]									1	Octet 13
sectionType = 5 [716]									1	Octet 14
udCompHdr [718]									1	Octet 15
reserved									1	Octet 16
sectionId [722]									1	Octet 17
sectionId	rb [724]	syblnc	startPrbc [726]						1	Octet 18
startPrbc									1	Octet 19
numPrbc [728]									1	Octet 20
reMask[11:4] [730]									1	Octet 21
reMask[3:0]			numSymbol [732]						1	Octet 22
ef [734]	ueId[14:8]								1	Octet 23
ueId[7:0]									1	Octet 24
section extensions as indicated by "ef"									var	Octet 25

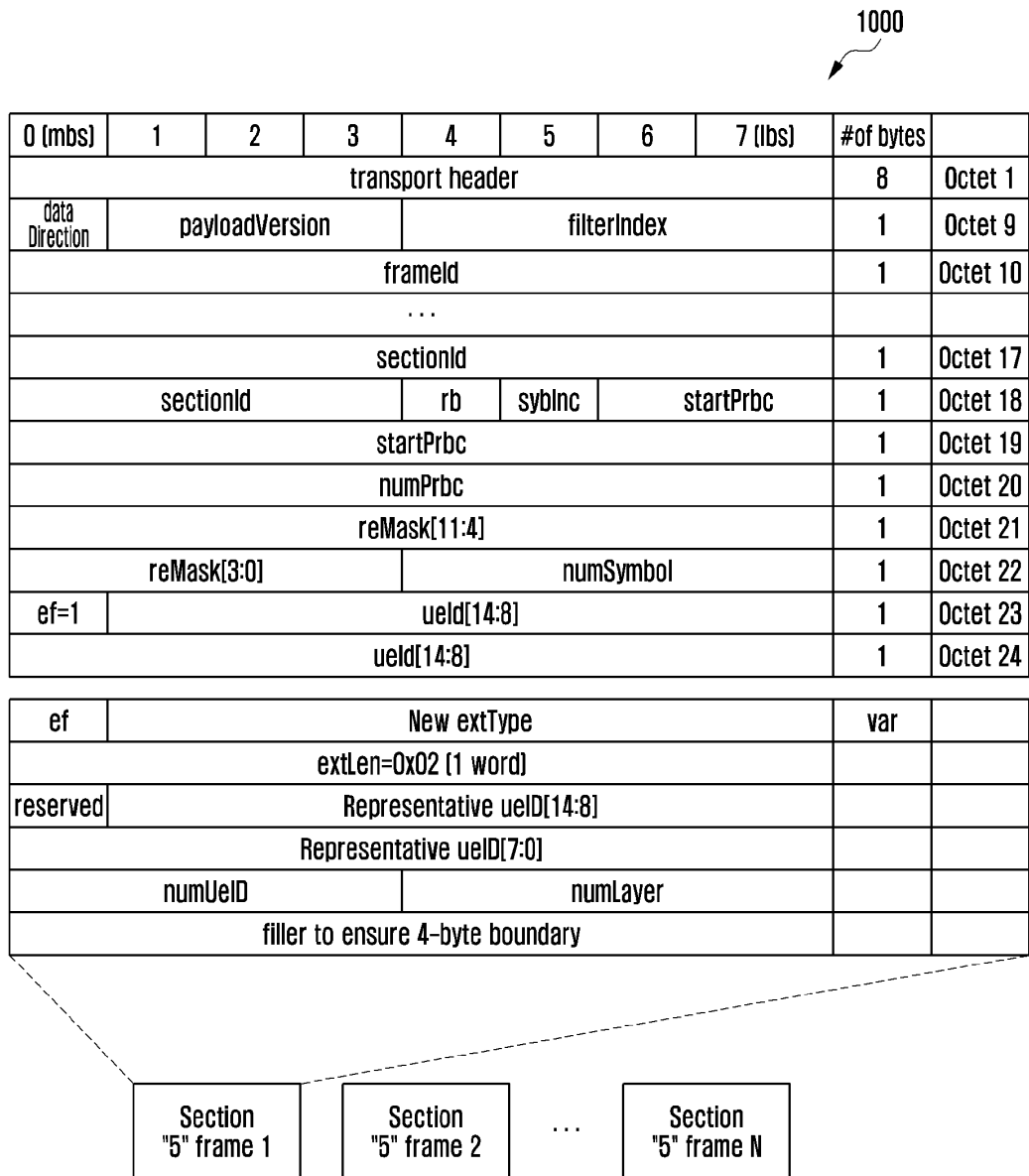
800

0 (mbs)	1	2	3	4	5	6	7 (lbs)	#of bytes	
ef [802]	extType = 0x0y (804)							8	Octet N
extLen = 0x03 (1word) (806)								1	N+1
beamGroupType		numPortc						1	N+2
reserved	2nd port beamID[14:8] (or uelD[14:8])							1	N+3
2nd port beamID[7:0] (or uelD[7:0])								1	N+4
reserved	3rd port beamID[14:8] (or uelD[14:8])							1	N+5
3rd port beamID[7:0] (or uelD[7:0])								1	N+6
reserved	4th port beamID[14:8] (or uelD[14:8])							1	N+7
4th port beamID[7:0] (or uelD[7:0])								1	N+8
filler to ensure 4-byte boundary								var	N+9

[Fig. 9]

[illegible]

[Fig. 10]



1100

0 (mbs)	1	2	3	4	5	6	7 (lbs)
ef	New extType						
extLen							
numUser							
numUelD of first user				numLayer of first user			
reserved	1st uelD[14:8]						
1st uelD[7:0]							
...							
reserved	numUelD-th uelD[14:8]						
numUelD-th uelD[7:0]							
...							
numUelD of last user				numLayer of last user			
reserved	1st uelD[14:8]						
1st uelD[7:0]							
...							
reserved	numUelD-th uelD[14:8]						
numUelD-th uelD[7:0]							
filler to ensure 4-byte boundary							

1200

0 (mbs)	1	2	3	4	5	6	7 (lbs)
ef	extType = 0x0y						
extlen (1 word)							
BeamGroupType=10b(or11b)		numPortc(number of user-1)					
reserved	2nd ueID[14:8]						
2nd ueID[7:0]							
	...						
advBeamFlag=1	(numPortc+1)-th ueID[14:8]						
(numPortc+1)-th ueID[7:0]							
reserved	1st ueID[14:8] (for first user)						
1st ueID[7:0] (for first user)							
numUeID of 1st user				numLayer of 1st user			
	Remaining ueIDs of 1st user						
	...						
reserved	(numPortc+1)-th ueID[14:8] (for(numPortc+1)-th user)						
(numPortc+1)-th ueID[14:8] (for(numPortc+1)-th user)							
numUeID of (numPortc+1)-th user				numLayer of (numPortc+1)-th user			
	Remaining ueIDs (numPortc+1)-th user						

[Fig. 13]

1300

0 (mbs)	1	2	3	4	5	6	7 (lbs)
ef	extType = 0x0y						
extLen (1 word)							
BeamGroupType=10b		numPortc (=number of scheduled layers-1)					
reserved	2nd uelD[14:8]						
2nd uelD[7:0]							
	...						
advBeamFlag=1	(numPortc+1)-th uelD[14:8]						
(numPortc+1)-th uelD[7:0]							
numUser							
reserved	Representative uelD of 1st user[14:8]						
Representative uelD of 1st user[7:0]							
numUelD of 1st user				numLayer of 1st user			
	Remaining uelDs of 1st user except for uelDs in section extension						
	...						
reserved	Representative uelD of last user[14:8]						
Representative uelD of last user[7:0]							
numUelD of last user				numLayer of last user			
	Remaining uelDs of last user except for uelDs in section extension						

[Fig. 14]

1400



0 (mbs)	1	2	3	4	5	6	7 (lbs)
ef	extType = 0x0y						
extLen (1 word)							
BeamGroupType=10b or 11b		numPortc [=number of scheduled users-1]					
reserved	2nd uelD[14:8]						
2nd uelD[7:0]							
	...						
advBeamFlag=1	(numPortc+1)-th uelD[14:8]						
(numPortc+1)-th uelD[7:0]							
numUser							
reserved	Representative uelD of 1st user[14:8]						
Representative uelD of 1st user[7:0]							
numUelD of 1st user				numLayer of 1st user			
	...						
reserved	Representative uelD of last user[14:8]						
Representative uelD of last user[7:0]							
numUelD of last user				numLayer of last user			

[Fig. 15a]

1500

0 (mbs)	1	2	3	4	5	6	7 (lbs)
ef	extType = 0x0y						
extLen (1 word)							
BeamGroupType=10b		numPortc (=number of scheduled layers-1)					
reserved	2nd uelD[14:8]						
2nd uelD[7:0]							
	...						
reserved	(numPortc+1)-th uelD[14:8]						
(numPortc+1)-th uelD[7:0]							

ef	New extType	
extLen (1 word)		
numUeID of 1st user		numUeID of 2nd user
...		
...		numUeID of last user
filler to ensure 4-byte boundary		

1550

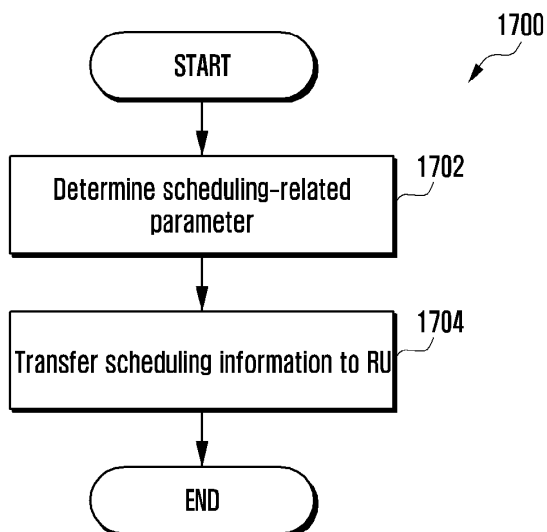
ef	New extType
extLen (1 word)	
numUeId of 1st user = 4	numUeId of 2nd user = 8
filler to ensure 4-byte boundary	

[Fig. 16]

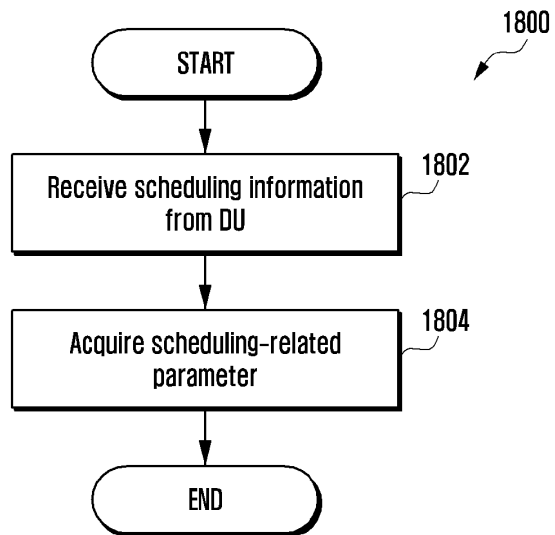
1600

0 (mbs)	1	2	3	4	5	6	7 (lbs)
ef	New extType						
extLen (1 word)							
numUser							
wf	Representative uelD of 1st user [14:8]						
Representative uelD of 1st user [7:0]							
numAnt				numLayer			
zlsample (first PRB, first antenna, first layer)							
zQsample (first PRB, first antenna, first layer)							
...							
zlsample (first PRB, first antenna, last layer)							
zQsample (first PRB, first antenna, last layer)							
...							
zlsample (first PRB, last antenna, last layer)							
zQsample (first PRB, last antenna, last layer)							
...							
zlsample (last PRB, last antenna, last layer)							
zQsample (last PRB, last antenna, last layer)							
Remaining user information (filler to ensure 4-byte boundary)							

[Fig. 17]



[Fig. 18]



[Fig. 19]

