

(19)
(12)

(KR)
(A)

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(43)

2002 - 0005341
2002 01 17

(21) 10 - 2000 - 0039432
(22) 2000 07 06

(71) 3 416

(72) 191 - 9
954 - 21 B - 201
185 607 1306
1 6 201
2 340 - 42
401 - 1503
72 - 7 A 304

(74)
:

(54)

(High Data Rate: " HDR")
(Reverse Power Control: " RPC")

64

RPC

32

RPC

RPC

4

(HDR), MAC , RPC

1

2

3

4

5

RPC

A

6

RPC

B

7

RPC

8

9

RPC

10

11

RPC

RPC

MAC (AN) (AT) 3 RPC m+2

(AT) n (AN) n RPC

3 (2048 chips) , 101 64 (AT) n-1 (AT) n-1 n-1

(AT) n-1 (AN) n n-1 (Data Rate Control : 'DRC' n)

) /DRC n , 109 n , 107 (AN) (AT) RPC n

n /DRC /DRC RPC n

4 m+2 n 가 RPC HDR RPC

m+2 n DRC 가 RPC 가

RPC

RPC

(MAC)

1 1 1

2 2 2

2 1 2

4

4 , 603 (all'0's) (W₀)

607 QPSK , 607 I Q 609 609 (puncturing)

(repeat) 613 611 611 613 615 613 16 625 623 617 619 617 625

MAC (W₁) , 629 (Forward Activity Bit: FAB) (RPC1)

1RPC 632 A 1 (RPC2) (RPC1) 32

2RPC 634 B 2 (RPC1) 2

637 639 64 MAC , FA

B ,RAB 32 MAC 61가 MAC 가

가 32 , 32 63 MAC 가

9 가 32 , RPC2 641

RPC1 637 639 (1200Hz,) 641

1RPC 632 2RPC 634 RPC 641

643 (Reverse Activity Bit: RAB) (W₂)

가 645 629, 641 643 가

647 가 645

643 603 , 619 643

641 MAC 645 643

PN 647 645

RPC

PC . 64 MAC , n - 1
 705 32 RPC , 703 n - 1
 n RPC
 n - 1 RPC RPC DRC
 , 707 n , n
 n RPC , n
 n RPC , 709
 RPC m+1 , RPC m+2
 , 64 MAC 가 64 MAC 4 RPC
 32 MAC 4 RPC
 8 , 2048 ,
 Access Channel) 96 , MAC(Medium
 , 32?? mac 2 32 , MAC
 , MAC
 RPC , RPC
 RPC RPC
 RPC 가 , R
 PC
 9
 (ICH) 1001 가 . 1001
 RPC 1003 가 . RPC 1003 RPC
 RPC . RPC 1003 11 RPC
 MAC RPC 1005 1005
 RPC RPC 1007 RPC 1007
 RPC 1009 RPC 1009
 1011 10 (2) 가 . 1011
 10

10 , 902 4 0 (W_0^4)
 e indicator : RRI) 1024 '0' 903 (Reverse rat
 903 905 904
 (W_0^4)
 906 4bit DRC (8,4,4) (block encoding) 907 905
 2 (W_0^2) 909 907
 911 910 909 908 DRC 908
 902,905 910
 912 913 912 BPSK
 914 914 913 915 915 4 (W_2
 4)
 RPC (930) 911 (In - phase) 916
 (Quadarature Phase) 1011 PN
 920 917 917
 11 MAC RPC 32
 11 , 1101 MAC , 1103
 MAC 가 1
 1
 (MAC~ Index ~ - 1) ~ mod ~ 2
 (RPC 1) , '0' , 1105 MAC 가
 , '1' 1107 MAC 가 (RPC 2
)
 , 1109 MAC 가 31 , 31 , 1113
 RPC 1 MAC 3 31 , 32 가 MAC
 , 31 1115 29 32
 가 , RPC 2 1117 MAC 4 30 32
 가 MAC , 30 가 1119
 29 32 32
 9 PRC 1003 RPC 1005

RPC

가 .

(57)

1.

(MAC)

1

1

1

2

2

2

1

2

2.

1

1 2

가 32

3.

1

1 2

4.

1

1 2

5.

1

1

1

1

6.

2 , 2

2 , 2

2 , 2

7.

2 1 2 , 1 2 1

1 1 1 1

2 2 가 2

8.

7 ,

1 2 가 32

9.

7 ,

(MAC)

10.

가 RPC ,

PN ,

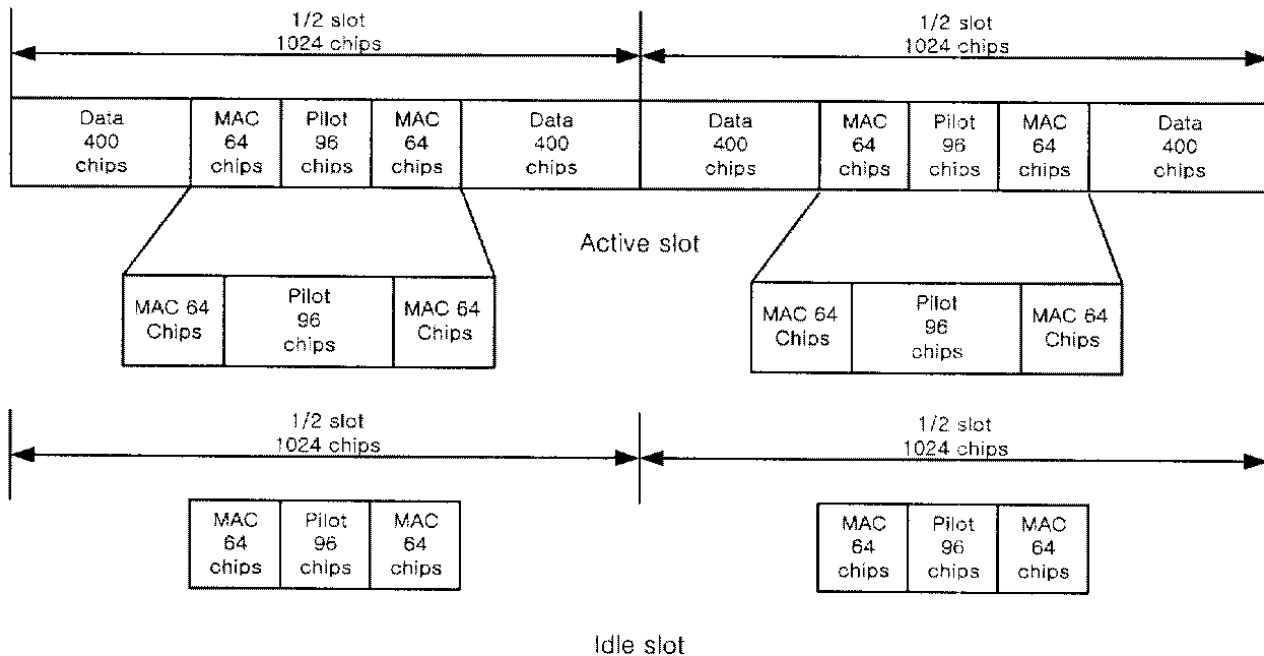
PRC RPC

RPC ,

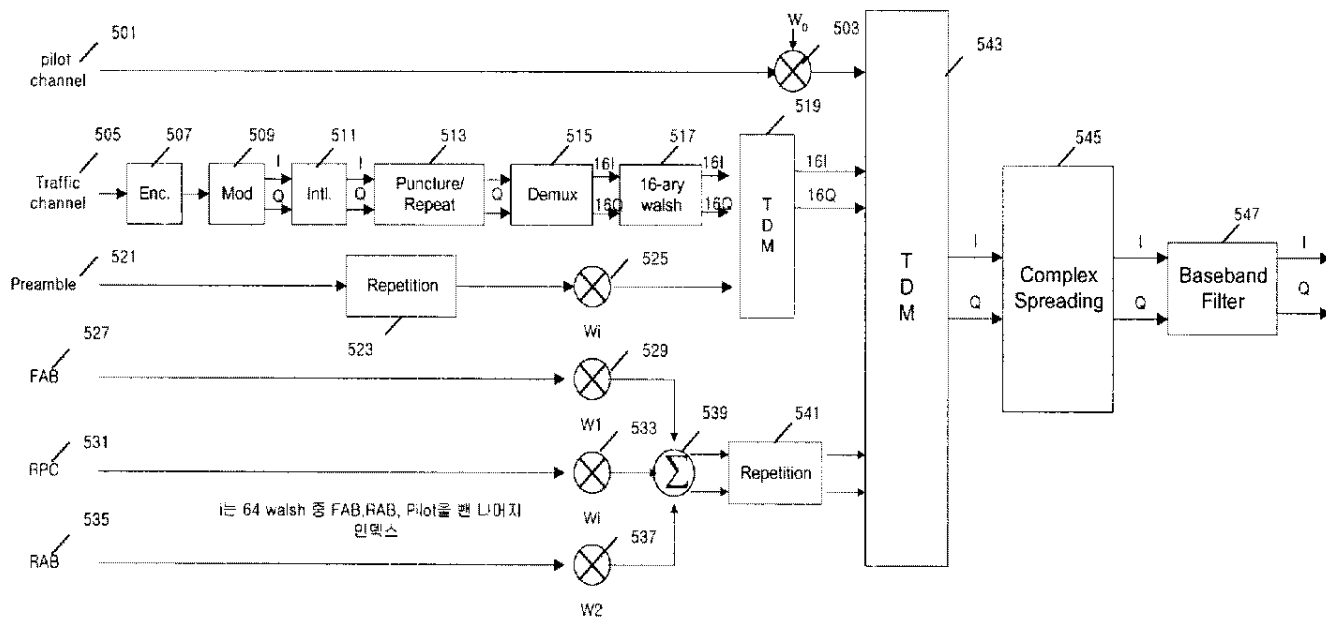
RPC

RPC

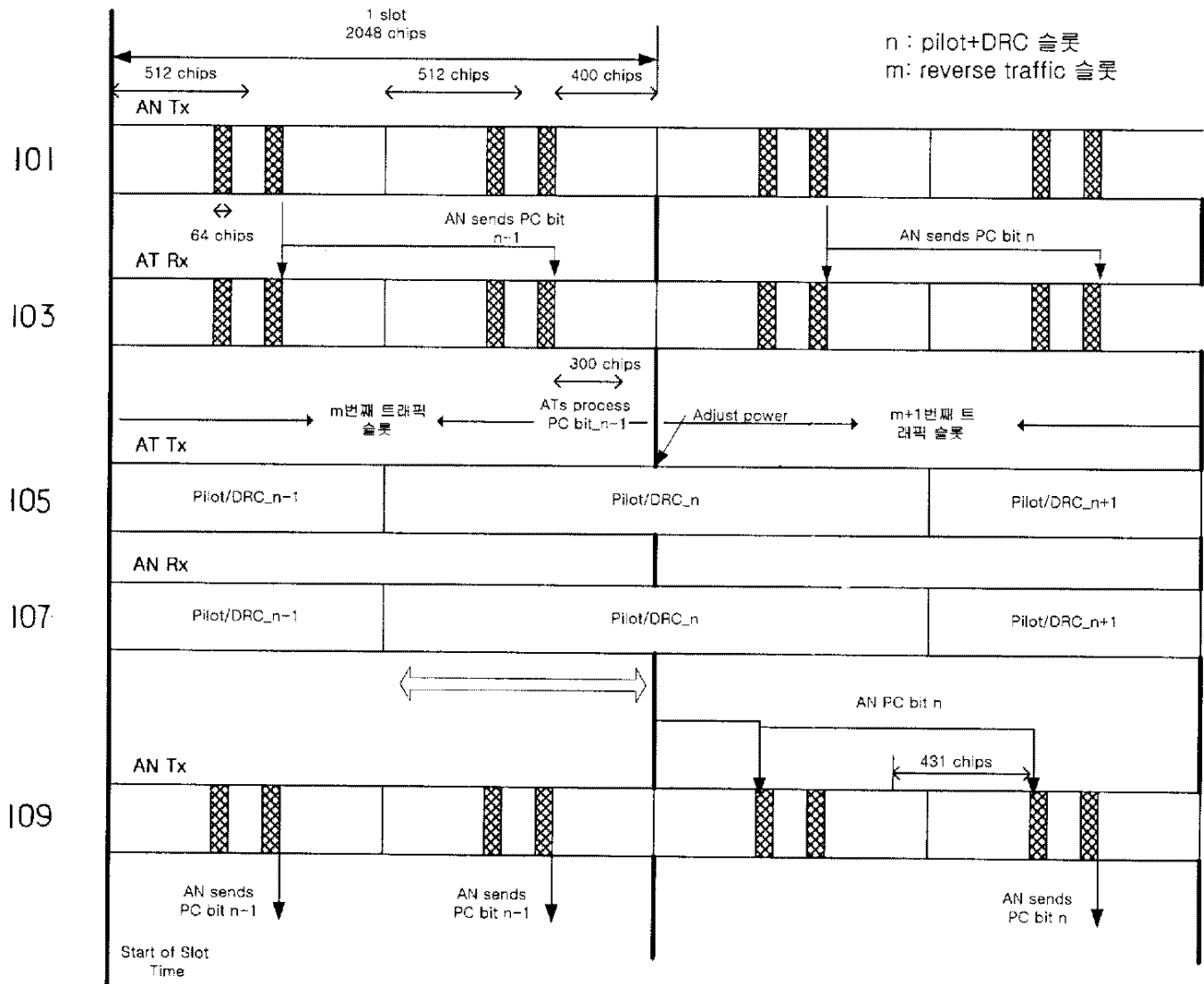
1



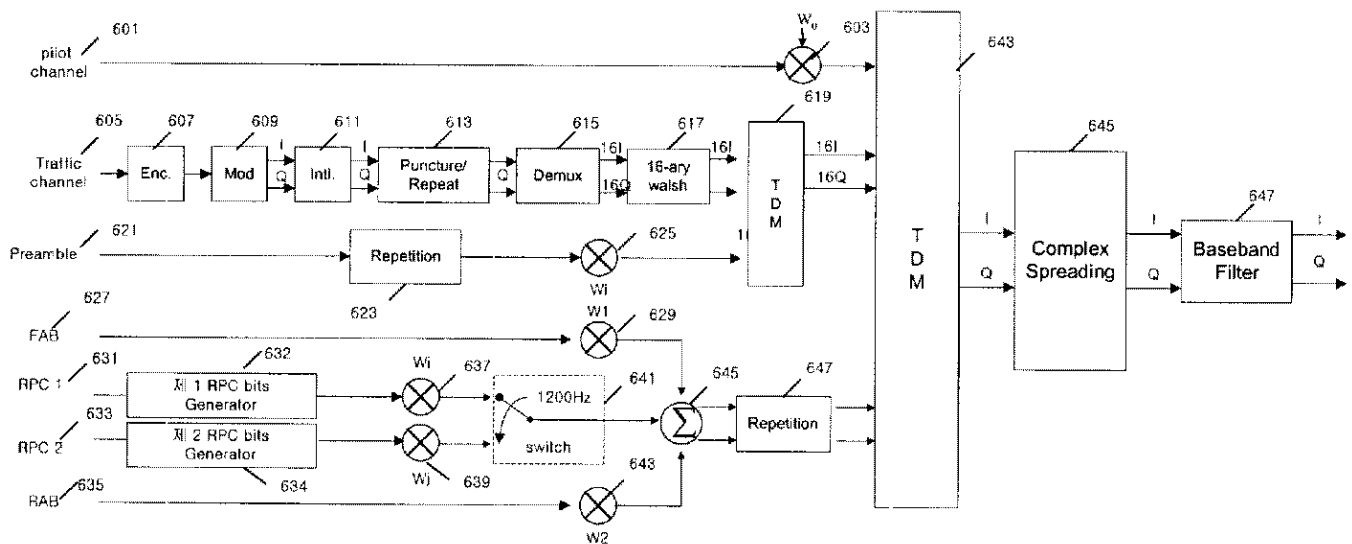
2

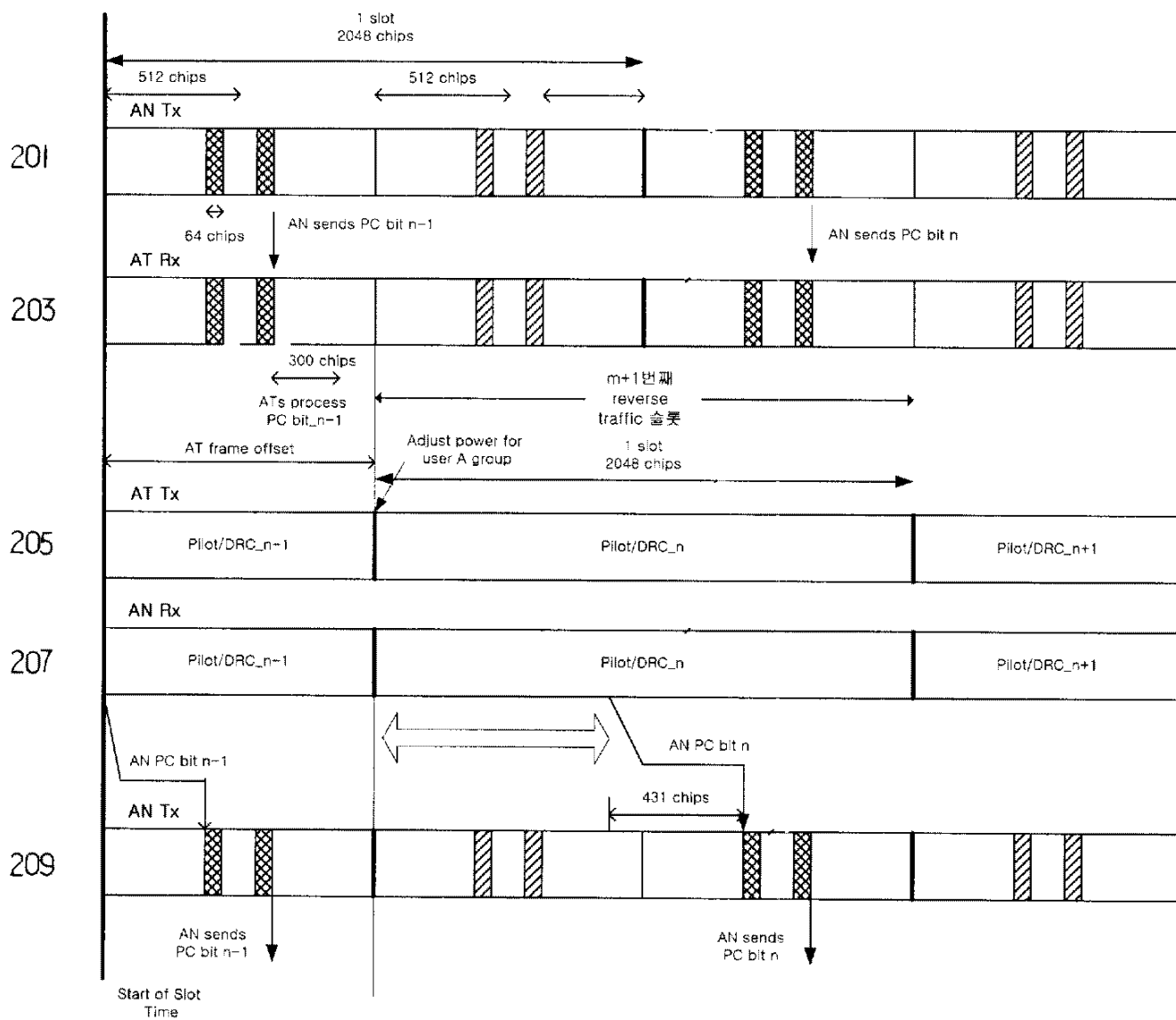


3

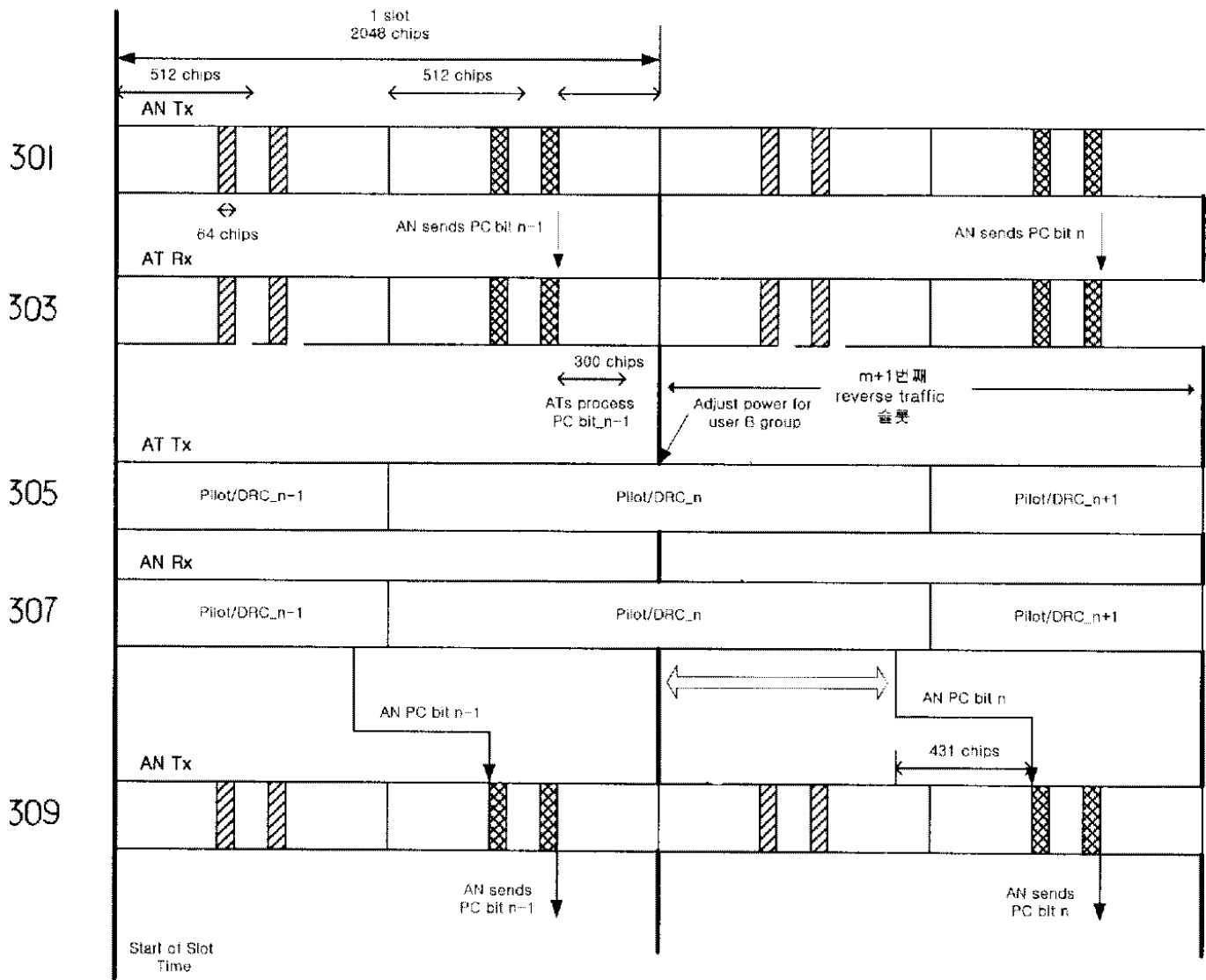


4

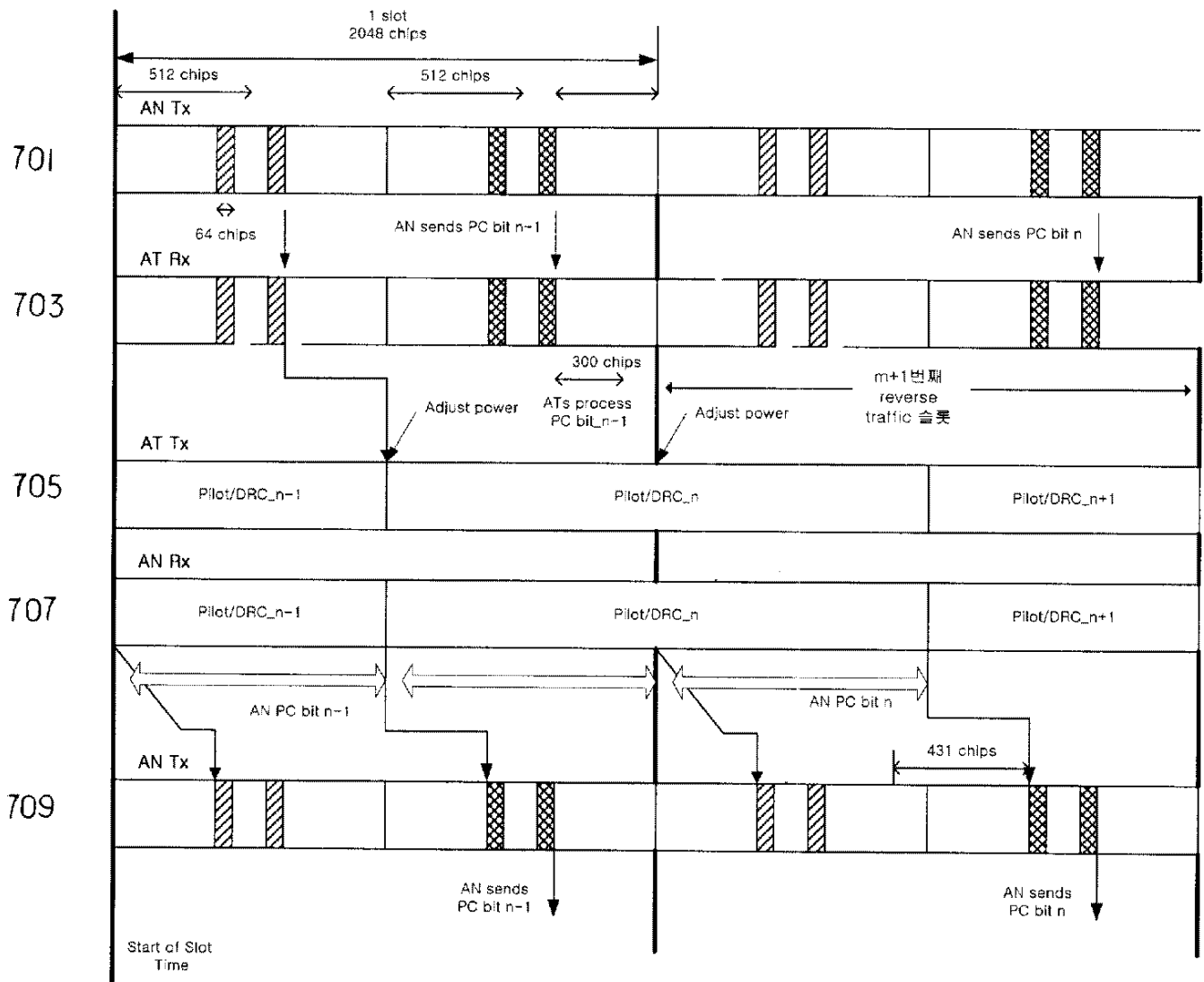




6

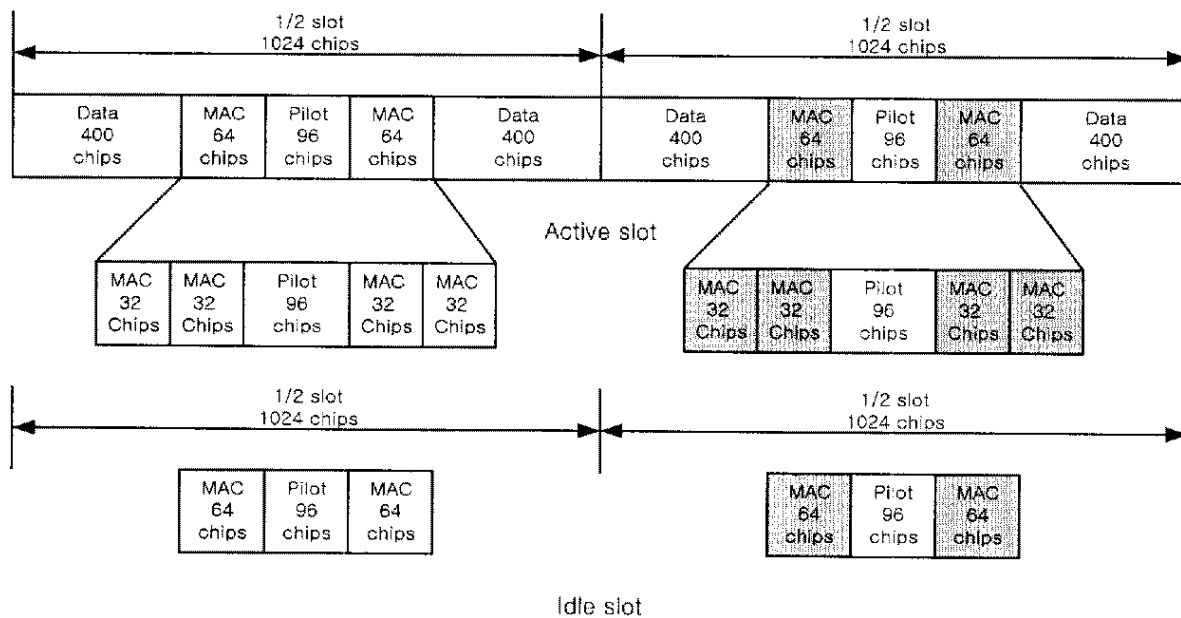


7

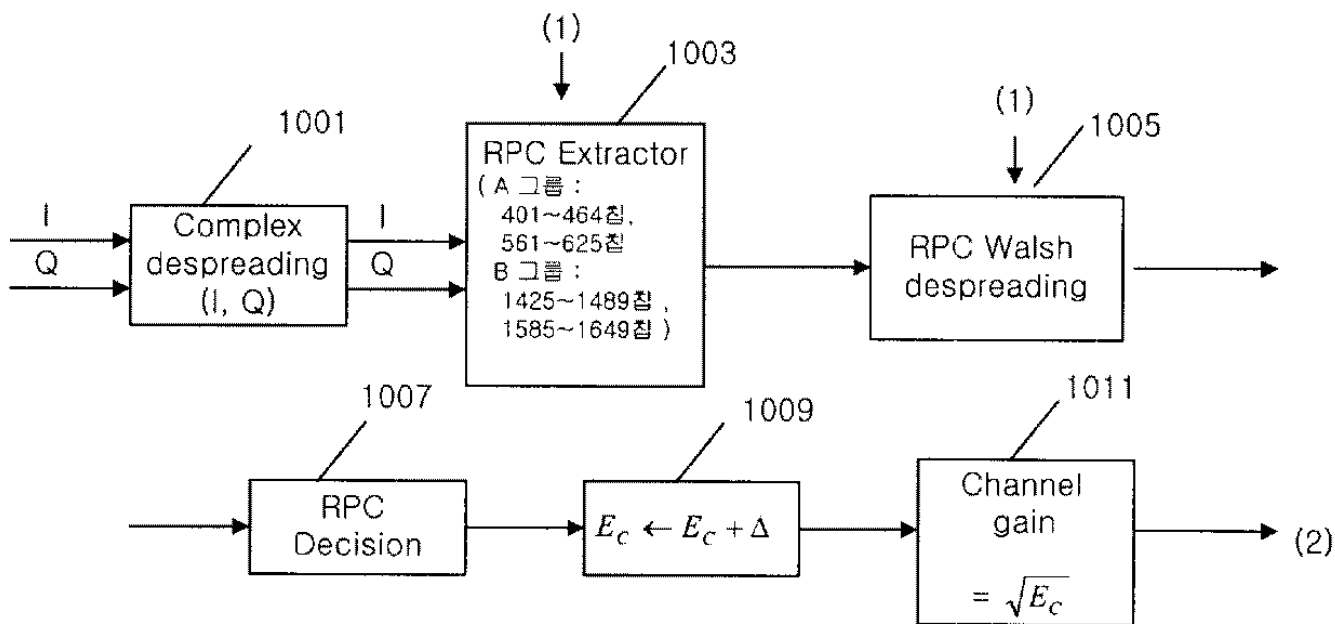


8

Forward Link MAC channel



9



10

