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10 - 0358351  
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(72) 314 1414  
706 - 1405  
403 - 1002  
109 - 1601

(74) :

(54)

CDMA , CDMA CDMA  
CDMA 1 ; CDMA 2 ; CDMA CDMA  
CDMA 3 ; CDMA CDMA  
CDMA 4 .

3

1

2

CDMA

CDMA

3

4

CDMA

CDMA

2 CDMA IS95 ) ( , 3 (CDMA) 3GPP DS ) , CDMA ( ,

ding) 가 , 가 3 GPS 3GPP(Global Partnership Project) DS(Direct Sprea

3GPP DS 2 IS95 , 2 IS95 , 3 3GPP DS , 3 3GPP DS

PP DS ) , CDMA (2 IS95 ) (3 3G , PN ) (CDMA)

(CDMA)

(CDMA: Code Division Multiple Access)



CDMA<sup>2</sup> (long code) PN

CDMA

CDMA (Common Pilot Channel)

가

CDMA CDMA CDMA CDMA

CDMA<sup>2</sup> ; CDMA<sup>3</sup> ; CDMA<sup>3</sup> ; CDMA<sup>4</sup> ;

CDMA<sup>2</sup> ; CDMA<sup>3</sup> ; CDMA<sup>3</sup> ; CDMA<sup>4</sup> ;

IS95 ( , 3 3GPP DS ) ( , 3 3GPP DS )  
 ( , 2 IS95 ) ( , 2 IS95 )  
 , 3 3GPP DS 2 IS95 3 3GPP DS 2 IS95  
 95 3 3GPP DS 2 IS95 가 3 3GPP DS 2 IS95  
 3GPP DS 2 IS95

(Sync Channel) 3 3GPP DS 2 IS95 가 3 3GPP DS

1

2 S 가 (101 103, 101 104, 102 103 ) 2 IS95 3 3GPP D  
 IS95 3 3GPP DS 가 가 2

2 CDMA (3 3GPP DS ) CDMA (2 IS95 )  
 3GPP DS , 3 3GPP DS 2 IS95 3  
 (Common Pilot Channel) 2 IS95 가 3GPP DS (Sync Channel)

3 3GPP DS PN 2 IS95 80msec 2 IS95 (even sec) 10mse

c 가 3 3GPP DS 8 . 3 3GPP DS  
2 IS95

3

3 3GPP DS (Dedicated Physical Channel) (301).

(302), ( , ( , )  
(Measurement Report) (303).

IS95 가 , 3 3GPP DS 가 2 IS95 2  
(304).

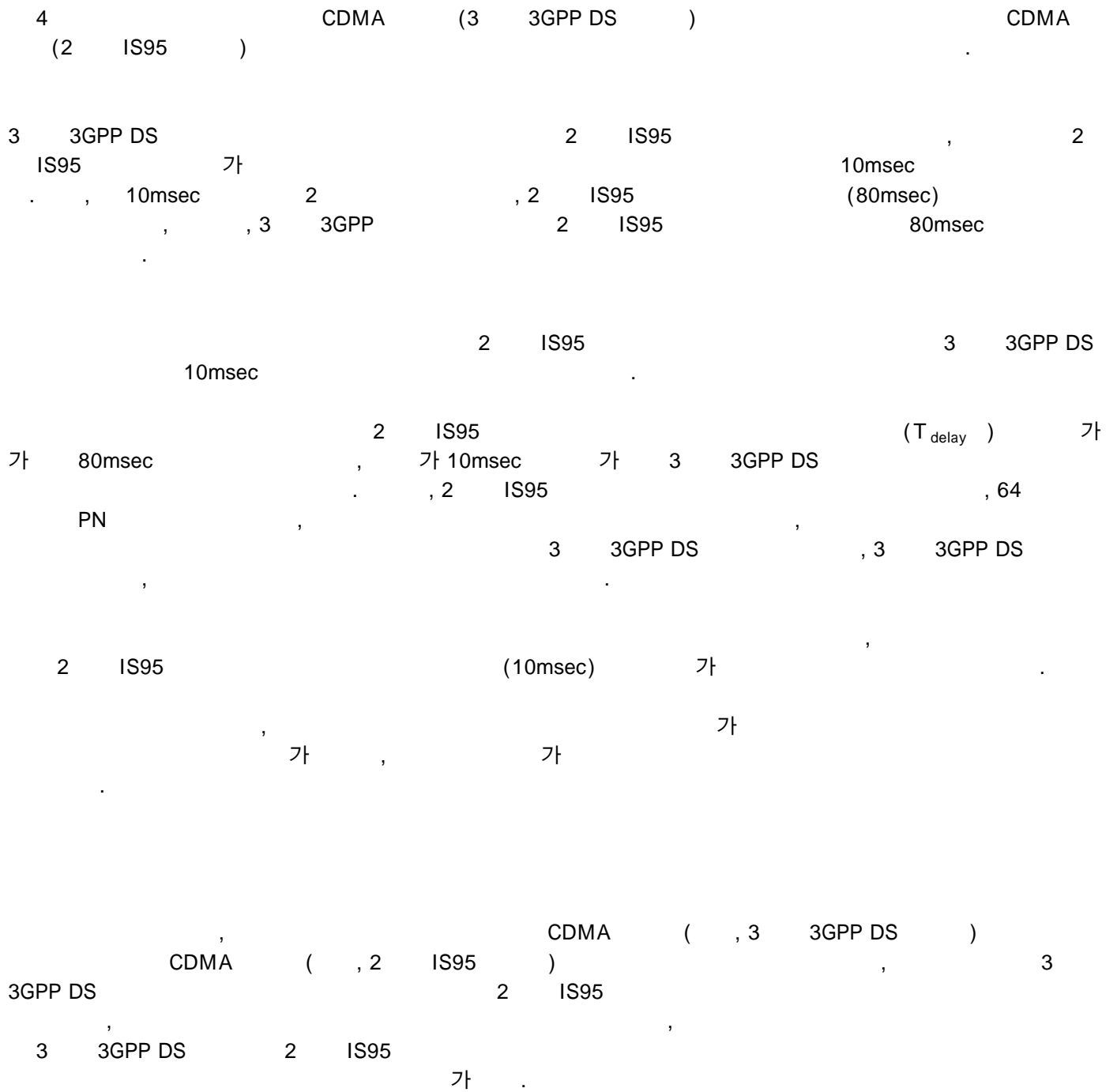
, 3 3GPP DS 2 IS95 가 (Handoff Requir  
ed)(305), 2 IS95 가 (Handoff Request)(306).

( 2 IS95 IS95 PN ) 3 3GPP2  
DS (Handoff Request ACK, Handoff Command)(307, 308).

3 3GPP2 DS 2 IS95 (Inter - System Handoff Command)(309).  
3 3GPP2 DS ( (L2: Data Ack))(310). , 3 3G  
PP2 DS (Handoff Commenced) (311).

10msec , 64 PN ,  
(available frame) 2 IS95 3 3GP  
P DS 2 IS95 (312).  
가 (Handoff Completion) 2 IS95  
(313).

가 ( 2 IS95 (LAC ACK)) (314). ,  
3 3GPP DS , 2 IS95 가 가  
(Handoff Complete)(315), 가 3 3GPP DS (Clear C  
ommand)(316), 3 3GPP DS (Clear Complete)(317).



(57)

1.

(CDMA: Code Division Multiple Access)

CDMA , CDMA CDMA  
 CDMA , CDMA CDMA  
 ;  
 A ;  
 CDMA CDMA CDM  
 2  
 CDMA CDMA  
 3 ;  
 CDMA CDMA  
 4 ;  
 CDMA CDMA  
 CDMA CDMA 5 ;  
 CDMA .  
 2.  
 1 , 1 CDMA CDMA 가 ,  
 CDMA 1 ;  
 1 CDMA CDMA  
 2 CDMA  
 CDMA .  
 3.  
 1 , 2 ,  
 DMA CDMA CDMA C  
 1 ;  
 1 , CDMA 가  
 CDMA , 2 ;  
 1 , CDMA 가  
 3 CDMA , 1 가  
 .  
 4.  
 1 , 4 ,

(long code) , PN ,

CDMA

CDMA

5.

2

4

5

CDMA

1 ;

CDMA

CDMA

2 ;

available frame)

CDMA

2  
3 ;

(

CDMA

4

CDMA

CDMA

CDMA

6.

5

2

CDMA

(long code) , PN

CDMA

CDMA

CDMA

7.

6

CDMA

(Common Pilot Channel)

CDMA

가  
CDMA

8.

CDMA

CDMA

CDMA

1 ;

CDMA

CDMA

CDMA

2 ;

CDMA

CDMA

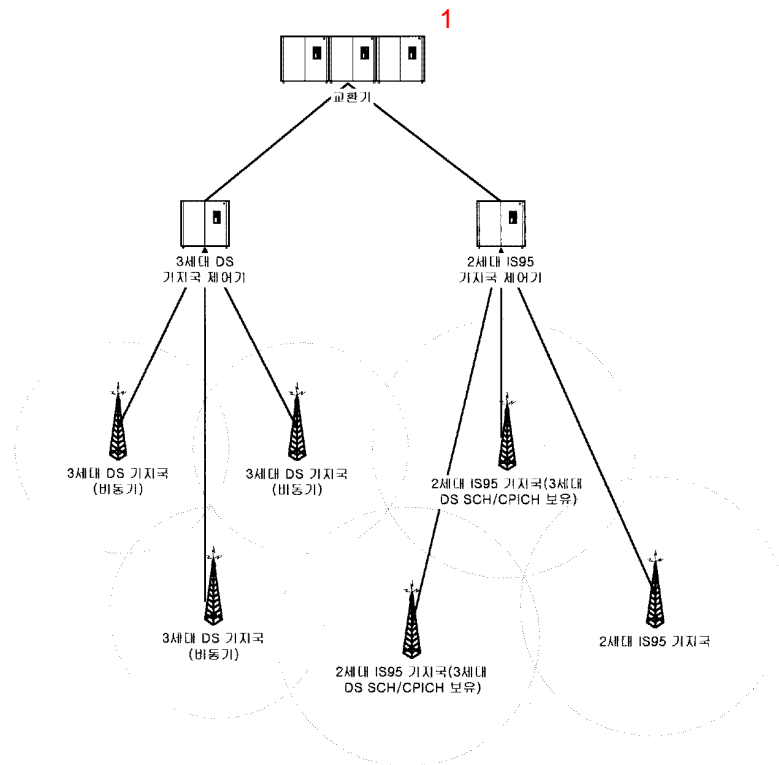
3 ;



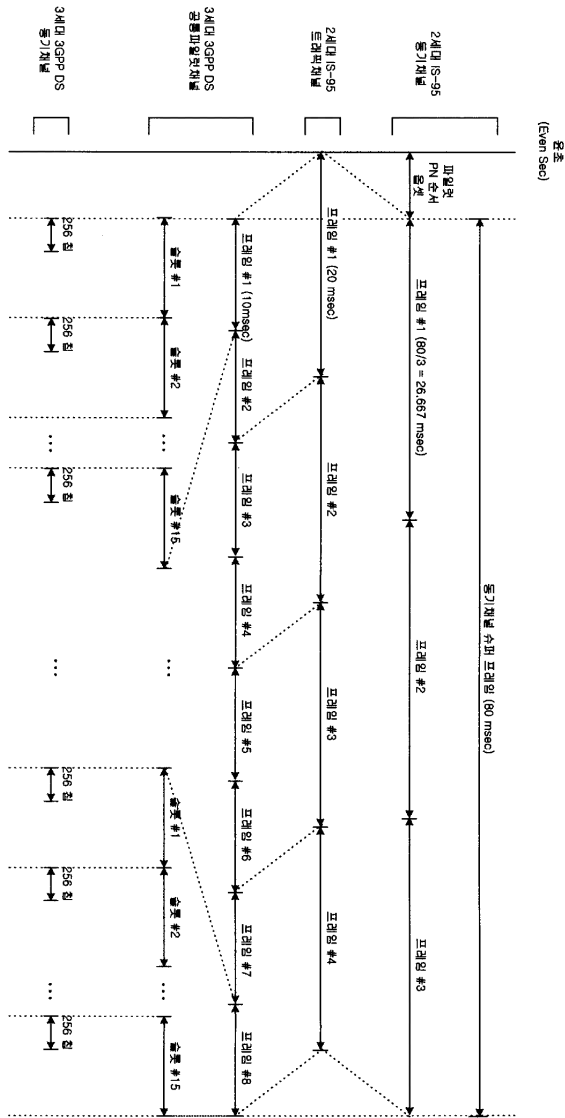
CDMA

CDMA

4



2



3

