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10-0400265
2003 09 20

(21) 10-2001-0014708
(22) 2001 03 21

(65)
(43)

2002-0074748
2002 10 04

(73) 20 LG

(72) 3 256-131

(74)
:

(54) -

(TD-CDMA) (Time Slot)
(Hop Code) (Traffic)

가 -

.

1 , 1

1 , 1

1 , 1가 ,

;

, 2 2

2 , 2가 ,

, 가

(TD-CDMA),

1 (TD-CDMA)
 2
 3
 *
 10, 50: 1 2
 20, 60: 1 2
 30, 70: 1 2 40, 80: 1 2 가
 100: 200:

(TD-CDMA) (Hop Code) (Time Slot)
 가 (Traffic)

(IMT-2000) (CDMA2000) (TD-CDMA)(Time Division - Code Division Multiple Access)
 , FDD(Frequency Division Duplex) (W-CDMA),
 TDD(Time Division Duplex)

(TD-CDMA) CDMA (Direct Spread) TDMA
 (Spreading) CDMA 가 TDMA

ETSI(European Telecommunications Standard Institute) TD-CDMA 1
 10ms (1 Frame) 15 가

TD-CDMA
 (Traffic)

CDMA)

(Traffic)
 가 CDMA 가

(DS-
 (Traffic Jamming)

CDMA 가

CDMA 가

가

(30) 1 (30) 1
 (20) TD-CDMA (20)가 TD-CDMA
 (Sub Code Sequence) TD-CDMA 1
 (10)가
 TD-CDMA (Chip Rates) 1 (ETSI TD-CDMA (10) 3.84 Mchips/s) (E
 TSI TD-CDMA 400 chips/s; 2.5 msec) (ETSI TD-CD
 MA (20) 4 chips) (30) , TD-CDMA
 (Frame Clock) , TD-CDMA K= log₂ M (M=
) K 가 K K 가
 1 (30) 10 (decimal)
 (Hop Offset) 1 가 (40) (Slot Index) (Hop Offset) 가
 1 가 (40) 가 1 (10) (Run Property
 (Random) 가 (Orthogonal) (TD-CDMA)
 (Slot Index) , 15 0 14
 TD-CDMA , (Random)
 가 가
 가
 (200) 2 (50)
 가
 (70) 2 (60) 2
 2 가 (80)
 가
 , CDMA 가
 , CDMA 가
 가

(57)

1.

TDD

1 , 1
 1 , 1
 , 1

1가

;

2

2

2

2

2가

2

2

2

2가

2.

1

1 2

3.

1 2

1 2

4.

2 3

2.5 msec

5.

1

1 2

1

2

10

1





