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:

(54) I S -2000

I S -2000 (K) (r(t)) (K)

1 (100); (r(t)) (200); (r(t)) (K)

(T_b) (300); 1 (100) (300) (K)

(K) 가 (K) 가 (K)

(400); (r(t-T_b)) (K) 가 (400) (K)

2 (500) 가 (K) IS-95 가

3dB

1

IS-2000

1

I S -2000

2 1 I S -2000

< >
 100 : 1 200 :
 300 : 400 :
 401 : 402 :
 403 : 가 404 :
 500 : 2

IS - 2000(Interim Standard - 2000)
 CDMA(Code Division Multiple Access; 'CDMA' .)
 IS - 2000

CDMA 가 , , I
 S-95 RF(Radio Frequency) IS-95 , .
 IS-2000 IS-95 ,
 가 가 3dB 가 ,
 IS-2000 가 가 IS-2000 가 가
 IS - 2000 (r(t)) IS - 2000 (K) (d' 1 , ..., d' K) (r(t))
 1 ;
 (K) (r(t)) (A 1 (t-T b) , ..., A K (t-T b))
 ;
 (r(t)) (T b) ;
 1 (K) (d' 1 , ..., d' K) (K) (r(t)
 가 -T b)) (K) (r(t-T b)) , (K) 가 (r' 1 (t-T b) , ..., r' K (t-T b)) ;

2 (K) $(r'_{1}(t-T_b), \dots, r'_{K}(t-T_b))$

IS -2000

1 IS -2000 (200), IS -2000 (300), (400), 1 (100), 2 (500)

1 (100) (d'_1, \dots, d'_K) (r(t)) (r(t)) (K) (400)

(200) (K) $(A_1(t-T_b), \dots, A_K(t-T_b))$ (400) $(A_1(t-T_b), \dots, A_K(t-T_b))$ (K) () ()

(400) (300) (r(t)) (T_b)

(400) 1 (100) (K) (d'_1, \dots, d'_K) (K) 가 $(r(t-T_b))$ $(r(t-T_b))$ (K) $(r'_{1}(t-T_b), \dots, r'_{K}(t-T_b))$ (401) (300) (500) (K) 가 (403), (K) (404)

0) (K) (200) (d'_1, \dots, d'_K) $(A_1(t-T_b), \dots, A_K(t-T_b))$ (K) (401) 1 (10) (402) (402)

(400) (K) (402) (K) (401) $(t-T_b), \dots, s'_K(t-T_b)$ (403) (K) 가 (403) (K) 가 $(s'_1(t-T_b), \dots, s'_K(t-T_b))$ (402)

(K) (404) $(s'_1(t-T_b), \dots, s'_K(t-T_b))$ (404)

(400) (K) 가 (403) (300) 가 (403) (K) $(r(t-T_b))$ (K) 가 (403) 2 ()

2 (500) (400) (K) $(r'_{1}(t-T_b), \dots, r'_{K}(t-T_b))$ (1)

가 IS - 2000

1 (100) (r(t)) (r(t)) (K)

(d' 1, ..., d' K) (400)

(200) (K) (r(t)) (A 1(t-T b), ..., A K(t-T b)) (200)

(K) (A 1(t-T b), ..., A K(t-T b)) ()

(300) (r(t)) (T b)

(400)

(400) (K) (401) 1 (1)

(K) (200) (d' 1, ..., d' K) (A 1(t-T b), ..., A K(t-T b)) (K) (402)

(402)

(400) (K) (402) (K) (401)

(401) (K) 가 (403) (K) (s' 1 (t-T b), ..., s' K(t-T b)) (403) 가 ()

(K) (400) (K) 가 (403) (K) (402)

(K) (404) (404)

(400) (K) (404) (300) 가 (403)

(r(t-T b)) (K) 가 (403) 2

(500)

(500) (400) (K) (r' 1(t-T b), ..., r' K(t-T b)) (1) (K)

3dB IS - 2000 가 IS-95 가

(57)

1. (r(t)) 1 (r(t)) (K) (d' 1, ..., d' K)

(K) (r(t)) (A 1(t-T b), ..., A K(t-T b))

(r(t)) (T b)

가 1 (K) (d'_1, \dots, d'_K) (K) $(r(t-T_b))$ (K) 가 $(r'_1(t-T_b), \dots, r'_K(t-T_b))$;

2 (K) $(r'_1(t-T_b), \dots, r'_K(t-T_b))$ I S -2000

2.

1 , (K) $(A_1(t-T_b), \dots, A_K(t-T_b))$ I S -2000
)) (()) (())

3.

1 , 1 (K) $(d'_1, (A_1(t-T_b), \dots, d'_K)$ $(A_K(t-T_b))$;

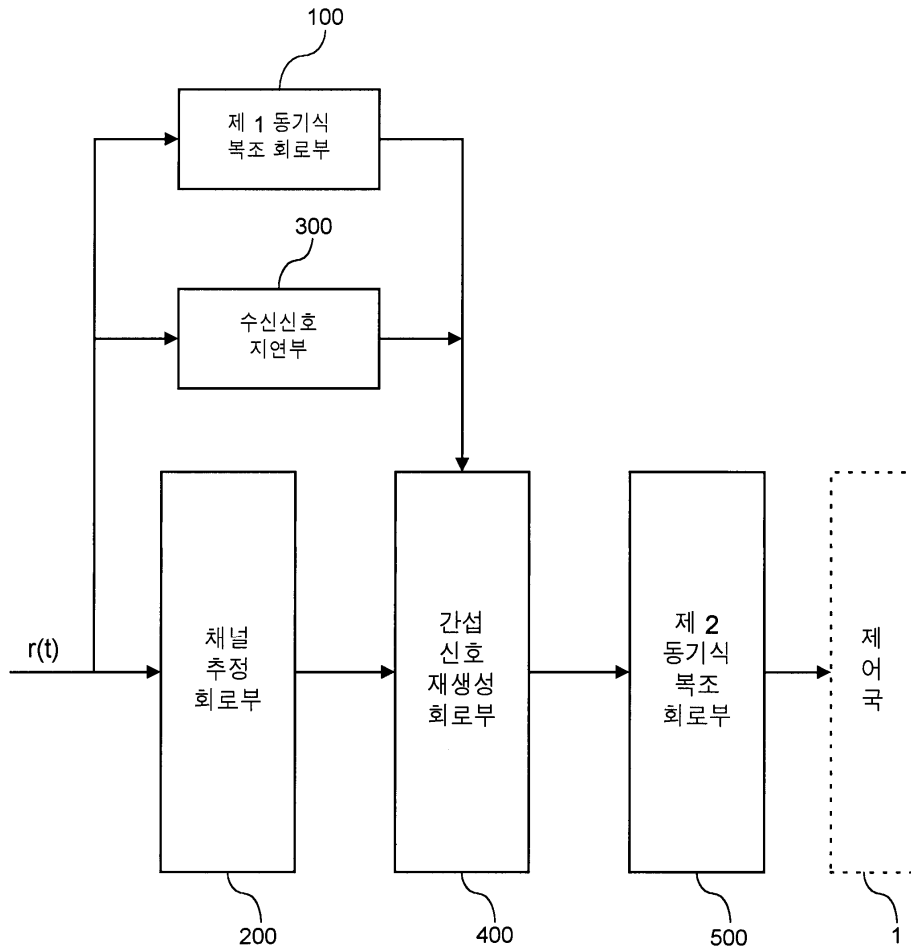
(K) $(s'_1(t-T_b), \dots, s'_K(t-T_b))$ (K) ; (K)

(K) (K) $(s'_1(t-T_b), \dots, s'_K(t-T_b))$,

(K) 가 ;

가 $(r(t-T_b))$ (K) 가 $(r(t-T_b))$ (K) 가 I S -2000 2

1



2

