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(21) 10-2001-0074380
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24 511 1308

1 728-57102

(74)

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(54)

가

(310)
(321)

(RF Unit)(320); RF ((Tunnel Remote Antenna U

320)
nit : TRAU)(330)

(321);

RF (330)
TRAU(330) (320)

(321)

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2

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3
4

3

10,11a,11b,11c,11n,12a,12b,12n :

13a,13b,...,13n :

14a,14b,...,14n :

111,310 :

110 : / (MOS)

120 : / (DHS)

130,130a,130b,130n,330,330a,330b,330n : / (TRAU)

320 : (RFU)

321 :

가
, 가
, (Optic Type) 가 (RF Type) 가
, 가 가 / 가 가

가 가
/ ; / /
/ / / (RF Type)
/ 가
/ /

1
, 111 (BTS) 110 (111) (Master Optic)
(Donor Hub Shelf : DHS)(120) 1 (Core) (10)

shelf : MOS) , 120 MOS(120) (Tu
 nnel Remote Antenna Unit : TRAU)(130) DHS(120) , 130
 TRAU(130) (Duplex) (ANT) (
)(Leakage Coaxial : LCX) . , MOS(110) (
 1 111) , DHS(120) , TRAU(130)
)
 2 2 , (BTS)(111) 1 (111) .
 (110); / (110) 1 (Core) (10) 1 MOS(110) / (1
 11) (10)
 1 (11a,11b,...11n) , 1
 (12a,12b,...12n) (10) / (111)
 1 DHS(120) / (120); (11a,11b,...11n) (12a,12b,...12n
) (, 700m) , (11a,11b,...11n)(12a,1
 2b,...12n) 1 TRAU(130) /
 (130a,130b,...130n); / (130a,130b,...130n) / (11a,11b,..
 ..11n)(12a,12b,...12n) (, 320m) , / (130a,130b,...130n
)
 / (130a,130b,...130n) (13a,13b,...13n);
 (13a,13b,...13n) (14a,14b,...14n)
 / (120) 9 TRAU(130) , 1 /
 (11a,11b,...11n) (12a,12b,...12n) 9 (130a,130b,...130n)
 가 / (11a 12a, 11b 12b,...,11n 12n : 11 12)
 , / (130a,130b,...130n)
 600 800m 700m , 2 (11b 12b) , 1400m
 (11a 12a) (11,12) 700m 가
 / (130a,130b,...130n) , (13a,13b,...13n)
 / (130a,130b,...130n) 270 370m 가
 (13a 13b) 30 90m 320m 60m가
 , / (130a,130b,...130n) (13a,13
 b,...13n)
 8 14dB 가 100m 4dB 7dB / (130a,130
 b,...130n) (13a,13b,...13n) . ,
 3 , 310 (BTS) , 320 (310) ,
 (RF Unit) , 321 RF (320) (321)
 (Tunnel Remote Antenna Unit : TRAU)(330) TRAU(130)
 (Duplex) (321) (ANT) 330 (LCX) .
 3 RF (320) (321) , T
 RAU(330) .
 4 3 (RFU)(320);
 4 (320) (310)
 1 (11a,11b,...11n)
 1 (12a,12b,...12n)
 (320) (321); (11a,11b,...11n)
 (12a,12b,...12n) (, 700m) , (11a,11b,...
 11n)(12a,12b,...12n) / 3 TRAU(330) /

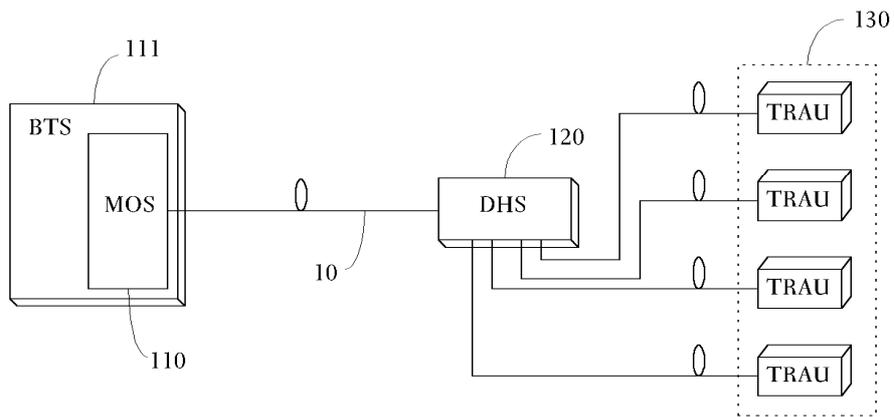
(330a,330b,...330n); / (330a,330b,...330n) / (330a,330b,...330n)
 (11a,11b,...11n)(12a,12b,...12n) (, 320m) , / (330a,330b,...330n)
 0a,330b,...330n) / (330a,330b,...330n) (14a,14b,...14n)
 (13a,13b,...13n); (13a,13b,...13n)
 (321) 9 TRAU(330) , 1 /
 (11a,11b,...11n) (12a,12b,...12n) 9
 가 / 9 (330a,330b,...330n)
 / (11a 12a, 11b 12b,...,11n 12n : 11 12) (330a,330b,...330n)
 600 800m 700m , 2 (11b 12b) 1400m
 (11a 12a) 700m , 2 (11b 12b) 700m가 (13a,13b,...13n)
 / (11,12) 700m가 , 320m 가
 / (330a,330b,...330n) (13a,13b,...13n)
 / (330a,330b,...330n) 270 370m 30 90m 60m가
 , (13a 13b) (330a,330b,...330n) (13a,13b,...13n)
 , / (330a,330b,...330n) (13a,13b,...13n)
 8 14dB 가 100m 4dB 7dB (330a,330b,...330n)
 b,...330n) (13a,13b,...13n) ,

가 가 가 가

- (57)
1. (MOS : Master Optic Shelf);
 (DHS : Donor Hub Shelf);
 / ;
 / ;
 / ; (TRAU : Tunnel Remote Antenna Unit)
 - 2.
 - 3.
 4. 1 가
 / 가

5. /
6. 4 5 /
7. 600 800m , 270 370m ,
30 90m
8. 100m 4dB 7dB , 8 14dB 가

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