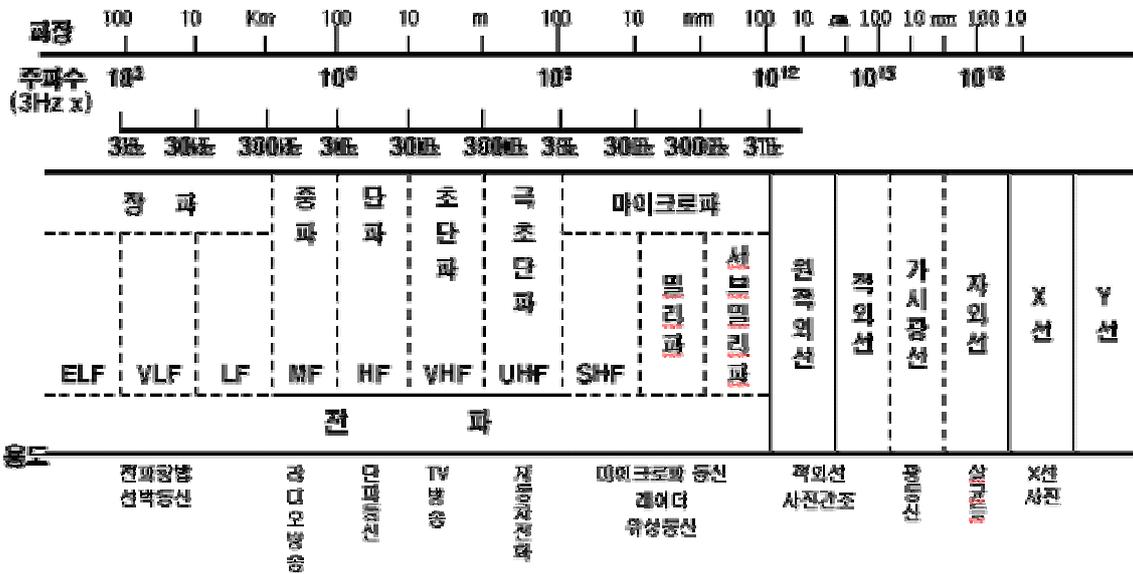


[] 3000GHz ()

가 가 가 “ ”
 “ ” 가
 2 “ ” “ 가
 가 ”
 (ITU) 3,000GHz
 “ ” <

1> 0.1mm



< 1>

ITU

ITU (Convention) 1005

“electromagnetic waves of frequencies arbitrarily lower than 3000GHz propagated in space without artificial guide(3000GHz)” (radio

regulations, RR) 3000GHz

ITU (Constitution) 12 78 “

ITU (Convention)

1005

2 “

3000GHz

2002

(Marrakesh)

ITU

Plenipotentiary

Conference 118 RR 3000GHz

WRC07

WRC

, WRC2007, 2010

WRC2003

2002 SG9() SG3() S.1590(20
 THz ~ 375THz , 2002 9), ITU-R P.1621(20THz ~
 375THz - propagation , 2003 4), P.1622(20
 THz ~ 375THz - propagation , 2003 4)
 , SG7 RA. 1630(10THz ~ 1000THz
 , 2003 5)

20THz ~ 375THz

non GSO/non GSO cross link GSO()/GSO GSO/non GSO(),
 311, 353THz , GSO link 200, 283,
 1000 km 80,000 km

(RR)

ITU-R SG1 WRC2003 228/1 WRC-07 WRC-10
 , , ,
 3000GHz(3THz)

SG7() - ()

SA.1742 272 ~ 750THz

SA 1744.

SG3

4 SG3

WRC-07

ITU-R

SG1

3000GHz

(RR)

가

가

ITU-R

WRC-07

가

2008

3000GHz

< >

ITU-R SG1

< 1>

< 1> ITU-R 228/1 WRC-07 (outline)

No.		
Chapter 1		
3000GHz		
1.1		ITU-R S.1590, ITU-R RA.1630 ITU-R SA.1742, ITU-R SA.1744 WP 9B
1.2		ITU-R P.1621, ITU-R P.1622
1.3		ITU-R S.1590, ITU-R P.1621, ITU-R P.1622, ITU-R RA.1630
Chapter 2		
3000GHz		
2.1		RF (beam-on-beam) 3000GHz ()
2.2		RF (beam-on-beam) 3000GHz ()
2.3		
Chapter 3		
3000GHz 가		
3.1		3000GHz (e.g. ITU 가
3.2	3000GHz	, (e.g. AP 4 가, circular)
Chapter 4		
4.1		[TBD]
4.2		[TBD]

(, joseph@mic.go.kr)