

[WPAN]

(Voice over ZigBee)

‘ , (Bee) (Zig Zag) 가
 , 가 .
 , 가 ,
 , P2P
 , <
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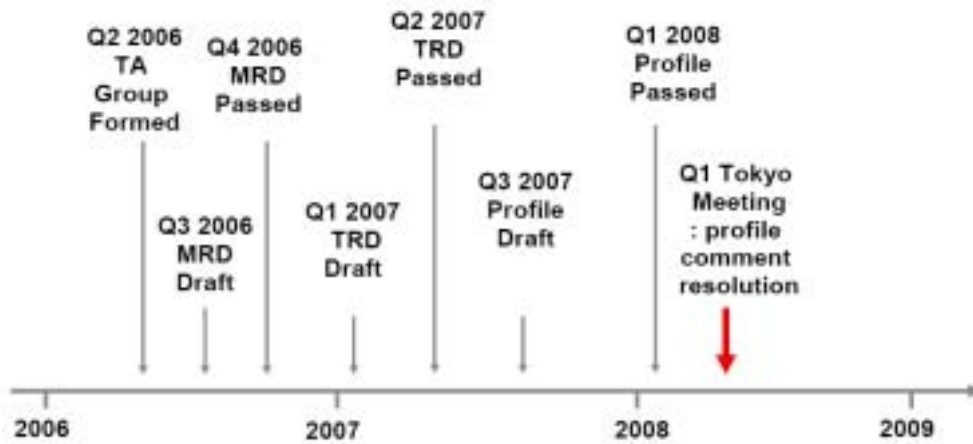
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'05 12 15 ETRI
가 ,
 . ETRI IEEE 802.15.4
가 VoZ(Voice over ZigBee)
'06 6 17
SG(Study Group)
, OKI, KDDI
4 () '06 3 MRD(Market
Requirement Document), '07 1 TRD(Technical Requirement
Document), '07 3
'06 4 , '07 2 , '08 1
 . '08 2 24

resolution

'08

2



< 2>

MRD

TRD

MRD

, SIM(subscriber identity module)

, P2P

, VoZ,

(use cases)

TRD MRD

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	Mobile Payment	Gaming	P2P small data sharing	VoZ Half Duplex	VoZ Full Duplex	Info Delivery
Latency	<100ms	<100ms	<2s	<100ms	<100ms	<1s
Max Data Rate	10kbps**	50kbps	50kbps	32kbps	75kbps	50kbps**
Portability	Not required	Required	Not required	Not required	Not required	Required*
Application Specific security	Required	Not required	Required	Required	Required	Required*
Gateway	Required	Not required***	Not required***	Not required	Not required	Required
			* required for customized information delivery			
			**Aggregated data rates for concentrators (POS, AP)			
			***Use of ZigBee Bridge should be possible			

VoZ

가 / /

가

ETRI () VoZ
2 25
8 TR(Technical Required) , 186 technical resolution
, 가 '08

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(PICS: Protocol Implementation Conformance
Statement)
TSC ,

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ETRI WPAN
TTA PG304(:)
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