



ZTE CORPORATION

763

A

*Bingsheng Teng*

**ZTE CORPORATION**

**A**



R15		2017	12	3GPP	5G	
					LTE	5G
				5G		
						QoS
					SaaS	PaaS IaaS
				Volume	Variety	Velocity
				Value	4V	
Hz GHz						
						1GHz=1,000,000,000Hz



A

130

130





5G

SBA Service Based Architecture

4G

SDN Software Defined Network

/NFV Network Function

Virtualized

3

5G

1,000

5G

5G

5G

4

SDN

SDN/NFV

5

COMPACT Control/Operation/Manage/Policy/Analysis

5G



SDx

2

1

80

5G

4G

1G

5G

5G

5G

5G

5G

5G

IMT-2020

30%

4G

5G

Massive MIMO

Pre-5G

5G

5G

5G





10%

2015 2016 100

5G 2016

2017

PCT WIPO

2017 6.9 3

160

KT Telefonica T-Mobile

5G 5G

5G 5G

2015 ITU 5G 2020 5G

5G 5G 5G

5G 4G

5G Massive MIMO

Pre-5G Massive MIMO " "

2018 2020 5G

" 5G "

5G

3

428.78 91.00

<b>1</b>		<b>28.00</b>	<b>28.00</b>
<b>2</b>		<b>400.78</b>	<b>63.00</b>

2.1		63.00	63.00
2.2		337.78	-
		<b>428.78</b>	<b>91.00</b>

6 —

6 —

**4**

5G  
5G

5G

5G

5G

ICT

ICT

**5**

39

8

