

J-1		3		1000
13817293116 jiangxin@cmsr.chinamobile.com				
	5G+			
	PNT		5G+	
1.				BDS/GNSS
2.		+		
3.				5G+
4.	GNSS/INS/ 5G+		5G	/
5.	PNT PNT		PNT	
	BDS/GNSS			
1				GNSS
				/GNSS
2				
	/		/	

3					
1	BDS/GNSS				
2	BDS/GNSS				
			2s	10cm	0.2ns
3				8	
4				1	
5					
1					
2	5G				
1		+			
				8	
2					1
3			1		
4				1	
1					
	GNSS/INS/				
	GNSS/INS/				

			20cm		
2				AOA	
			1m		
1				GNSS/INS/	
2					
3				1	
4					8
			5G+		
5G+					5G
1			5G		5G
2					
				5G	
			5G	DOP	
1	5G+				1
2	5G+				8
3	5G+			1	
			PNT		
1			PNT		PNT
			PNT		
2			PNT		
3					
1			PNT	1	
2			PNT		1
3					1

b	10 (2)	4	(1) (3)	- -
			6	5
c			2	
d		2		SCI 2
	5G			
	5G			
a	2PCS		>1tops	
		4		4
b	5	2	1 5G	
			3	
4				
a				97%
b	4		(1)	
(2)		3		
	5G			
a	2PCS 0.1mg/h	4		5 %h
				4

b

6

(1) 5G

(2)

3

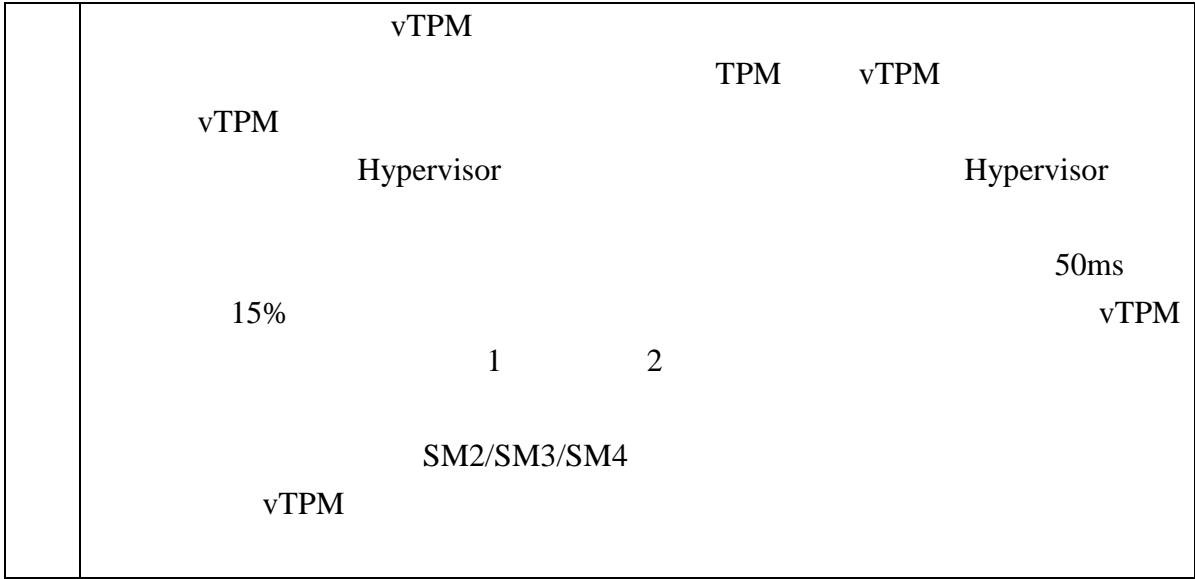
4

a

1-1		2		100
18896723709 huguojing@cmss.chinamobile.com				
	1			
	2			
	3			
	spark tensorflow			
	Spark		100	
	Spark			

--	--

1-2		2		150
18896724386 yanhaishuang@cmss.chinamobile.com				
/	/			
1.				
2.	UEFI		TPM2.0 TPM2.0	2.0
3.	Grub	TPM2.0	Kernel Initramfs	Linux Modules
4.	vTPM		TPM TPM	(vTPM) TPM vTPM
5.	TPM 2.0		RSA	ECC
	ECC-DAA	ECDH	SHA1	SHA256
	SM2/SM3/SM4		HMAC	AES



1-3		1		70
18867103587 wanghuajing@cmhi.chinamobile.com				
	1			
	2			
	1	web		
	2			
	3	2014		
	4			
	1			
	2			

	CMBaaS			
1-4		2		150
13811581467 yekeke@chinamobile.com				
1	CMBaaS			
		CMBaaS		
	CMBaaS			
2		CMBaaS		
	CMBaaS			
		EOS BOS Fabric		
3		CMBaaS		
	CMBaaS			
		EOS BOS Fabric		
4		CMBaaS		
	CMBaaS			
		EOS		
	BOS Fabric			
5		CMBaaS		
	CMBaaS			
		EOS		
	BOS Fabric			

	5G		
1-5		2	150
13701181995 lixiangjun@chinamobile.com			
5G			5G

5G

5G

5G

1 5G

5G

5G

USRP

5G

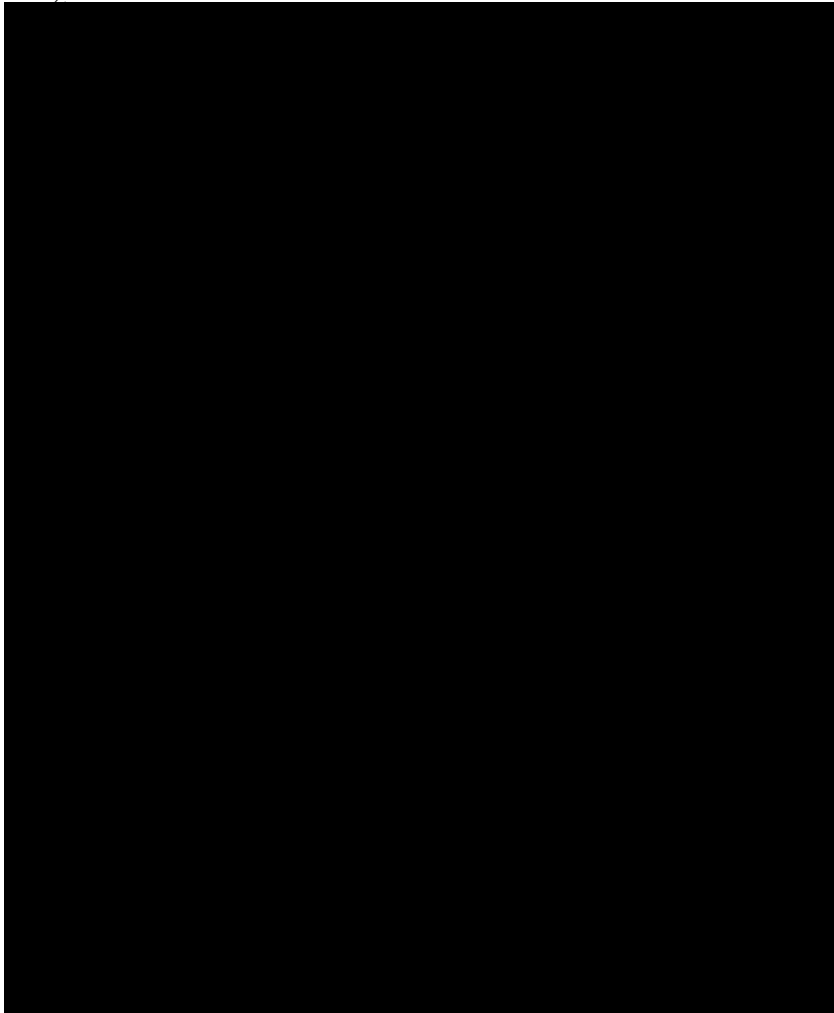
2 5G

5G

SBA SDN NFV HTTP



1 5G
 1 5G
 2



2

d6† Cf ñ w€S / (C

1-6		2		150
13810189258 jiangweiqiang@chinamobile.com				
	PB			
1			(5G	
2				
3	5G	/		5G
4	5G			5G

	AI
(5G	
	DAG
5G	

	OCR			
1		(5G		1
2				1
3			1	
4			1	
5		/		100 ,
		200		
6			5	CVE CNVD CNNVD
7	AI			
	2			
1				1
2			1	
			90%	
3			10000	
4		5	CVE CNNVD	
5			5	
6	AI			2
1		5G		
				1

	2		1		5G	
	3	1			80%	90%
	4			2		
	1					1
	2		5G			
	3					
					97%	
	80%		85%			
	4					2

	5G			
2-1		2		150
13818849633 xiongzhiquang@cmsr.chinamobile.com				
	5G			
1				
2	sdk			
3				
	tinyOS RIOT OS WindRiver			
1				

	2
	1

2-2		2		150
15991454496 chenhuiquan@chinamobile.com				

IoT

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SSIM	0.96	PSNR	38dB
			2-3
		TSN	
95%	50%	10M	
		90%	GPU
, CPU	20		30
	3		
		GAN	
	GAN		

	<p style="text-align: center;">ECC 5G</p> <p>5G MIMO - 5G</p> <p style="text-align: right;">5G</p> <p style="text-align: center;">5G</p>
	<p style="text-align: center;">5G /</p> <p>2/3/4/5G 820-960MHz 35%</p> <p>1710-2690MHz/3300-3600MHz/4400-5000MHz 50% S11</p> <p>-6 dB</p> <p style="text-align: center;">2</p> <p style="text-align: center;">5G ECC</p> <p style="text-align: center;">2MIMO 2G/3G/4G/5G</p> <p style="text-align: center;">0.5 20dB</p> <p>820-960MHz ECC 0.5 1710-2690M ECC 0.3</p> <p>3300-3600/4400-5000MHz ECC 0.2</p> <p style="text-align: center;">2</p> <p style="text-align: center;">- 5G</p> <p style="text-align: right;">100mm 5</p>

1710-2690MHz/3300-3600MHz/4400-5000MHz

50%

40%,

1

5G

5%

0.5dB

3dB

1

Demo

3-2		2		150
18896724386 liuwei3@cmdi.chinamobile.com				

				5G	LTE	
	6 GHz					
	C++		1			
		C++				1
			PLANET			
	C++			1		
	CW		C++ Python			
			2 dB,		8 dB	1
				5	*5	1
			1 *1			
						20
			1			
				1		
	5G					

	5G			
4-1		1		60
	5G	5G	VR/AR	5G
	5G			
	5G		5G	
	1.	5G	VR/AR	5G
			GPU	
	2.	5G	5G	VR/AR
				5G
				5G
	3.	5G	5G	
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	1.	5G		
	2.	5G		
	3.	3	5G	

4-2		1		60
	<p>2019</p> <p style="text-align: right;">2035</p>			
	<p>1.</p> <p>2.</p> <p>3.</p>			
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

	<ol style="list-style-type: none">1.2.3.
--	--

4-3		1		60
	+			
	1.			
	2.			
	3.			
	4.			
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	1.			
	2.			
	3.			

	5.
	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	1. 2. 3.

	+			
4-5		1		100
	<p style="margin-left: 100px;">+</p> <p style="margin-left: 150px;">2020</p> <p style="margin-left: 100px;">+</p> <p style="margin-left: 150px;">+</p> <p style="margin-left: 100px;">+</p> <p style="margin-left: 150px;">+</p>			
	+			+
		+		
		+		
	1.			
	2.	+		+
			+	
	3.			+
			+	

4-6		1		100
	<p style="text-align: right;">2019</p> <p style="text-align: center;">2020</p>			

	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	1. 2.

4-7		1	80
	2019		2035
			2.0 +
	1.		
	2.		

	3.
	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	1. 2. 3.

4-8		1	100
	<p>2019 2035</p> <p style="text-align: center;">2.0</p> <p style="text-align: center;">+</p> <p style="text-align: right;">2012</p> <p style="text-align: right;">2018</p>		
	<p>1.</p> <p>2.</p> <p>3. URL</p>		

	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	<ol style="list-style-type: none">1.2.3.

4-9		1		80
项目概述				

	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	1. 2. 3.

4-10		1		100
	1. 2. 3. 5G			

	<p style="text-align: right;">21</p> <p>4.</p>
	<p style="text-align: center;"><input checked="" type="checkbox"/> <input checked="" type="checkbox"/></p>
	<p>1.</p> <p>2.</p> <p>3.</p>