319 8 10000

2022

2020

	2022 1-	2021	2020	2019
		19,840.20	17,828.63	19,751.53
		69,530.60	87,798.92	99,625.58
		28.53%	20.31%	

7	DPI	DPI DPI
8		
9		WIFI
10		
11		
12		

Java

13

20		
21	DPI	IDC
22	4G	2G/3G 4G 4G
23	VPN	VPN 256 VPN IP
24		
25		
26		
27	IOS MAC	iOS MAC
28		
29		
30		
31		
32		
33		
34		1 2

35	Lucene	
36		
37	SD-WAN	
38		
39	DNS	IDC IDC
40		

IDC

Linux

41 IDC

IDC

- -

5G

2

5G+

2019 1

YHSAS 2018

2020 3 2019

2021 3 2020 APP

2020 APP

2021 3

2021 5

2021 6 2021CCIA

2021 50

2021 7 2021

2021 10 -

2022 3 CSA & CSA 2021

2019 2021

2019 2021

2022 1-

1

	2022.	**2021.12.31**	**2020.12.31**	**2019.12.31**
		107,888.71	107,354.74	

4

	2022.	2021.12.31	2020.12.31	2019.12.31
[1]		1.50	1.62	1.75
[2]		0.87	1.26	1.26
% [3]		51.68	39.50	45.41
% [3]		46.30	42.24	41.09
[4]		1.29	1.34	1.31
% [11]		9.30	1.54	1.18
	2022 1-	**2021**	**2020**	**2019**
[5]		1.40	1.59	1.76
[6]		1.27	2.83	2.39
[7]		-2,281.85	5,392.69	-5,440.72
[8]		-3,852.31	1,708.05	-10,124.67
[9]		-4,595.09	-1,680.48	-24,616.73
EBITDA [10]		-13.92	8.70	-5.02
[12]		-0.07	0.28	0.01
[13]		-0.32	0.16	-0.06

1 = ÷
2 = - - - - - - - ÷
3 = ÷ ×100%
4 = ÷
5 = ÷ 2022 1- 2022 1- *4
6 = ÷ 2022 1- 2022 1- *4
7 = + + + +

8 =
9
10 EBITDA = + + + + / +
11 = /
12 = ÷
13 ÷

1

1

2

3

4

2

1

2

5G 5G

5G 5G 5G

3

3

1

2,000.00

2

2015 8

3

2020

4

5

5G

6

7

5G

5G

-10,124.67

1,708.05 -3,852.31

-24,616.73 -1,680.48 -4,595.09

2019

2020

2021

2021 6

2021

5G

2022 1,540.95

8

2022

2019 2020 2021 2022 1-

14,492.06 3,388.53 742.78

-143.14% 198.39% -19.28%

2019 2020

2019

2022

15%

A [2000]18 <

>

[2000]25

2011 1 28 [2011]4

13%

3%

B

2013 37 3

1

2

3

4

A

1.00

35

20 80%

20 = 20

÷ 20

P1=P0-D

P1=P0/ 1+N

P1= P0-D / 1+N

P1 P0

D N

30%

202,089,045

6

1		33,202.92	

2	5G	14,029.26	
		47,232.18	

1

301259.SZ 301087.SZ IPO 300603.SZ

833799 835304

834813 14 122366 16 01

136533 18 150519

688799.SH 688189.SH 301259.SZ

300705.SZ IPO 14 122366 16 01

2

3

1

2

3

4

5

1

2

3

4

5

6

7

8

2021 5 27

2022 5 18

2022 6 24

	-
1	1 2
2	1 2
3	1 2 3 4
4	1 2
5	1 2 3 4
6	
7	
8	
	1 2 3 4