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+

	2020		2019		2018	
	741.34	49.55%	930.81	47.41%	598.01	48.65%
	198.03	13.24%	449.97	22.92%	490.67	39.92%
	231.36	15.46%	309.45	15.76%	105.30	8.57%
	269.12	17.99%	269.88	13.75%	29.87	2.43%
	44.91	3.00%	3.10	0.16%	5.34	0.43%
	11.37	0.76%	-	-	-	-
	1,496.13	100.00%	1,963.21	100.00%	1,229.20	100.00%

	2020	2019	2018
	1,496.13	1,963.21	1,229.20

	32,385.97	34,379.47	34,387.24
	4.62%	5.71%	3.57%

1

1978 4

2011 2015 2015

1983 8

2010 2015

2015 2016 2017
2020

1986 1

2012 2015

2015 2018 2018 2019

2019 2020

2020

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118

25.37% 1

13 32

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FCC

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1 FCC

FCC

2 FCC

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3-70nm

7-40nm

130-350cm²/g

0.2-1.5cm²/g

2

	2020	2019	2018
	30,463.19	31,020.74	33,790.31
	32,385.97	34,379.47	34,387.24
	94.06%	90.23%	98.26%

2018	2019	2020
		[2019] ZG10007
[2020] ZG11002		[2021] ZG10918

	2020/12/31	2019/12/31	2018/12/31
	96,248.51	92,168.92	65,386.92
	29,652.47	27,274.92	32,599.38
	66,596.04	64,894.00	32,787.54

	2020	2019	2018
	32,385.97	34,379.47	34,387.24
	3,564.93	4,226.47	7,067.99
	3,205.26	5,123.99	7,140.94
	2,701.52	4,285.93	6,374.64
	2,702.04	4,285.93	6,374.64

	2020	2019	2018
	3,911.39	5,740.83	5,065.68
	-13,011.52	-4,740.57	-2,584.34
	-3,246.01	23,213.85	-1,685.36
	-12,393.37	24,207.38	826.77
	13,795.17	26,188.54	1,981.17

	2020/12/31	2019/12/31	2018/12/31
	1.42	2.33	0.85
	1.16	2.09	0.74

	30.81%	29.59%	49.86%
	26.98%	28.56%	47.54%
	2020	2019	2018
	3.73	3.09	3.28
	4.29	5.86	6.32
	0.39	0.57	0.68
	-0.81	2.42	0.11
	4.62%	5.71%	3.57%

$$\begin{aligned} \varnothing &= / \\ &= - / \\ &= \end{aligned}$$

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2016

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FCC

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60.32% 53.43% 54.55%

4

22,432.51	26,073.30	24,078.40
	66.14%	77.65% 75.55%

1 /

5

6

7

1

52.42% 50.45%

51.03%

2

			12,802.52	9,477.80
	7,887.59			34,387.24
34,379.47		32,385.97		
37.23%	27.57%	24.35%		

3

40.14% 36.44% 28.82%

	2020	2019	2018
	28.71%	36.98%	40.24%
	52.43%	64.34%	66.94%
	24.36%	32.13%	36.99%
	46.53%	46.88%	31.44%
	35.51%	13.67%	33.18%
	28.82%	36.44%	40.14%

		2018			2019
	2018	3.7		2019	FCC
					2020
2019	7.62			1	
2					
			3	2020	
	998.66				
2020					

4

2010 11 15

2013 9 25 2016 12 2 2019 11 28

GR201937100531

15%

[2016]41

6,000 / FCC

2015-2017

2018-2020

[2017]34

20,000 / FCC

2016-2018

2019-2021

FCC

13%

5

1

33,916.74

33,580.68

31,871.09

FCC

27,837.68

24,204.45

22,393.99

2019

FCC

2018

3,633.23

FCC	2019	2020	FCC	2019
		FCC		

FCC

	2020	2019	2018
/	12,664.00	13,683.06	14,480.74
	17,683.20	17,689.35	19,223.94
	22,393.99	24,204.45	27,837.68

FCC

1

2019 FCC 2018 797.68 / 5.51%

2018 FCC 4,084.04

15,470.39 / 2018 FCC

14,213.77 / 1,256.62 / 2019 FCC

FCC

2018 2019 FCC

/

	2019			2018
	-			15,470.40
	13,683.06	-530.71	-3.73%	14,213.77
	13,683.06	-797.68	-5.51%	14,480.74

2019

FCC

FCC

2018

2019 FCC 14,213.77 / 13,683.06

/ 2019 2018 530.71 / 3.73%

FCC

2020

FCC

2020

FCC

FCC

2020

FCC

3,170

13,834.54 /

4,385.55

2020

12,446.24 /

13,834.54 /

1,388.3 /

440.09

2020

248.88 /

2018 -2020

	2020	2019	2018
	7,474.45	9,130.16	8,668.64
	151.28	1,700.25	1,601.22

2020

7,474.45

151.28

3

2020

FCC

2020

FCC

2020

2020

FCC

1,398.43

2019

2,148.01

34.90%

2020

116.72 /

4

FCC

FCC

FCC

2

	2020	2019	2018
	28.71%	36.98%	40.24%
	52.43%	64.34%	66.94%
	24.36%	32.13%	36.99%
-FCC	26.35%	31.94%	37.78%
-	36.72%	28.19%	33.50%
-	53.89%	50.86%	16.86%
	28.82%	36.44%	40.14%
2019	2018	3.70	2020
7.62			FCC

1

2019 2020

	2020		2019
	22,657.34	19.33%	18,986.49
/	1,692.10	-17.30%	2,045.95
/	804.91	10.32%	729.59
	52.43%	-11.91%	64.34%
2020	1,692.10	/	2019
17.30%			

2020 804.91 / 2019
10.32%

	2020	2019	2018
/	1,951.42	2,053.31	2,029.81
/	673.63	692.47	671.07
/	1,277.79	1,360.84	1,358.74
	65.48%	66.28%	66.94%

2 FCC

FCC 37.78% 31.94% 26.35%

FCC

	2020	2019	2018
/	12,664.00	13,683.06	14,480.74
/	9,326.88	9,313.16	9,010.06
-	5,265.67	5,254.49	5,134.98
-	484.38	656.58	581.2
-	2,219.95	2,290.11	2,193.76
-	979.04	1,111.99	1,100.12
-	377.84	-	-
	26.35%	31.94%	37.78%

2019 FCC 2018 5.84

2019 FCC

2020 FCC

2019 5.59

FCC

132.95 /

a.

b.	57.57	32.56	/
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c.	107.32	60.69	/
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1

2019

2018

2019

2020 7

189	FCC	18,000
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/

2020

2020.06	69	2020 6 29	2020 8 13
2020.10	60	2020 10 13	2020 10 30
2020.12	60	2020 12 4	2020 12 11

2

FCC

FCC

3

2020

FCC

2020

FCC

	2020	2019	2018
	10,059.52	8,645.90	9,097.76

		132.55	/	2020	FCC
6	2020			2020	
		2021			2020
7					
2021		FCC		3,495.48	
		12,944.48			

2019	2020	
4,285.93	2,701.52	
	3,713.42	1,968.77

2

2018	2019	2020	
6,374.64	4,285.93	2,701.52	4,454.03
			32,000.00
3.00%			
		960.00	

3

2018	2019	2020	49.86%
29.59%	30.81%		
			2020
	5,083.96		2018
2020			2019
			5,065.68
3,911.39	14,717.90		5,740.83
			6,374.64
			4,285.93
	2,701.52	13,362.09	
	2020		
		50%	

6

12,068.80

4 / FCC

3 / FCC

1 2020 12 31

			2020.12.31	2019.12.31	2018.12.31
1			131.95	60.26	-
2			798.63	755.09	545.34
3			1,383.86	-	-
4	4 / FCC		5,321.68	-	-
5	3 / FCC		330.34	113.15	-
6			173.91	-	-
7	-		1,619.49	-	-
8			2,108.42	1,247.20	-
			11,868.28	2,175.70	545.34

2

							2020 12 31
7	-	1,860.00	1,619.49	87.07%	-	2021.06	
8		2,400.00	2,108.42	87.85%	-	2021.06	
		81,183.00	11,868.28	-	-		

3 2020 12 31

		2021	2022	2023	2024	2025	2026
	2021.5	10.19	17.46	17.46	17.46	17.46	17.46
	2021.6	40.11	80.22	80.22	80.22	80.22	80.22
	2021.3	112.47	149.96	149.96	149.96	149.96	149.96

828.00	4,432.00	7,097.00	2024
9,000			

2020

1

2

3

FCC

2 / FCC

2018 2020

FCC

		2020	2019	2018
FCC		20,000.00	20,000.00	20,000.00
		21,175.88	20,280.38	20,035.36
		105.88%	101.40%	100.18%

FCC

FCC $\frac{2}{\sqrt{3}}$ $\frac{4}{\sqrt{3}}$

4 /

FCC

1

2

3

A+

4

85%

5

6

1

2019

			FCC		
			2020		2020
	2020			2,701.52	
36.97%					
2					
		2,607.71	2,362.35	566.28	2018
2019			2020	10	
			12		
2020	17	3			

			FCC		
3					
4					

A

A

32,000.00

100

2021 7 7 2027

7 6

0.5% 0.7% 1.2% 1.8%

2.5% 3.0%

1

$I=B \times i$

I

B

i

2

1

2

3

4

2021 7 13

2022 1 13

2027 7

6

1

Q

$Q=V/P$

V

P

/

1

85%

2

1

115%

2

1

130% 130%

2

3,000

$$IA = B \times i \times t / 365$$

IA

B

i

t

1

70%

32,000.00

1	2021	7	6
T-1	A		
2			
3			

	2021	7	6
T-1	3.20		
	100	/	1

	100,000,000	
	3,200,000	
100%	1	

1

1

2

3

4

5

6

7

2

1

2

3

4

5

3

1

2

3

4

5

6

4

1

2 10%

3

5

2020 6

6

2020 6

1

2

32,000.00 32,000.00

1	4 / FCC	56,169.00	32,000.00
		56,169.00	32,000.00

2013

2013	
2015	
2015	
2015	
2016	
2018	
2018	
2020	

4

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8

2020 6 24

2020 7 14

2020

	2
1	
2	
3	1
	2

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6	
