

2006-2020

" "

" "

" "

7

1.

- 2.
 - 3.
 - 4.
 - 5.
 - 6.
 - 7.
- " "
- 2020

6 7500

2~3 1500

4 5 4

1.

1.1

/

/

$>300 \text{ m}^2\text{g}^{-1}$

$>1000 \text{ m}^2\text{g}^{-1}$

$s > 0.99$

$H > 0.95$

95%

$> 100\text{J/g}$

10%

2.

2.1

/

/

/

3.

3.1

4~6

3~4

2

2

4.

4.1

20MHz

20MHz

3~5

5~20

100~500

3 5

20 MHz 200 MHz

5.

5.1

2~3

10 nm

3000 ppm

20

1.5%

2.0%

6.

6.1

5 300 /

90%

50%