

”

”

2017

2006

2020

2011 2020

”

3000

2000

5000

6500-10000

“

”

“ ”

2016

2020

2016

11

2017

20

8.25

1/3

3-4

1:1

1-2

6

10

2017

1

1.1

500km)

(

800km,

2

3000

1

1.2

-

-

2

2.1

3000

3000-5000

5-8

15-20

3000

3000

3

1000

3

3.1

<0.1nT/s
600
>50kHz
30Hz-1kHz
0.1pT/ Hz@75Hz
1000-1500
650

1
3.4

20nT

30pT/m

150kg

5000

8

200kg

3

3.5

4% ^{137}Cs

0.4-2.5 μm

15-18nm

$\geq 60^\circ$

0.5 mrad

3.6

2 3

20000 km

4

4.1

3000

5000

5000
10

3

1
4.2

5%

5.2

50%

350m

6

6.1

