



# Right Time to Master Microwave Remote Sensing

**ChenFu**

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# 龙 Chinese Dragon



昵图网 nipic.com/ pic#380524

昵图网 www.nipic.com by: 2008\_08\_08

ID:2010091818161113057073

# 屠龙之技

the skilled-art of fighting dragons



# Cost of SAR Data

- RadarSat2

波束模式	分辨率 (m)	幅宽 (km*km)	价格 (¥)
聚束 (Spotlight)	1	18*8	58,000
超精细 (Ultra-Fine)	3	20*20	18,000
宽幅超精细 (Wide Ultra-Fine)	3	50*50	37,500
多视精细 (Multi-Look Fine)	8	50*50	16,500
宽多视精细 (Wide Multi-Look Fine)	8	90*50	39,500
精细 (Fine)	8	50*50	16,500
宽幅精细 (Wide Fine)	8	150*170	31,500
标准 (Standard)	30	100*100	16,500
宽 (Wide)	30	150*150	16,500
窄幅扫描 (ScanSAR Narrow)	50	300*300	16,500
宽幅扫描 (ScanSAR Wide)	100	500*500	16,500
高入射角 (Extended High)	25	75*75	16,500
低入射角 (Extended Low)	25	170*170	16,500
精细四极化 (Fine Quad-Pol)	8	25*25	18,000
宽精细四极化 (Wide Fine Quad-Pol)	8	50*25	35,000
标准四极化 (Standard Quad-Pol)	25	25*25	18,000
宽标准四极化 (Wide Standard Quad-Pol)	25	50*25	35,000
特精细模式 (Extra Fine beam)	5	125*125	37500

# 叶公好龙



Lord Ye who claimed to be fond of dragons was scared out of his wits when a real one appeared.



# Sentinel1 for Free



- Instrument
  - C-band synthetic aperture radar (SAR) at 5.405 GHz
- IW mode
  - Scan: 250km
  - Pixel: 5x20m
- Revisit time (2 Satellites)
  - Europe 6 Days
  - Other 12 Days