

# SATURN-III family

**L9002VX3**

**L92VX3-SL**

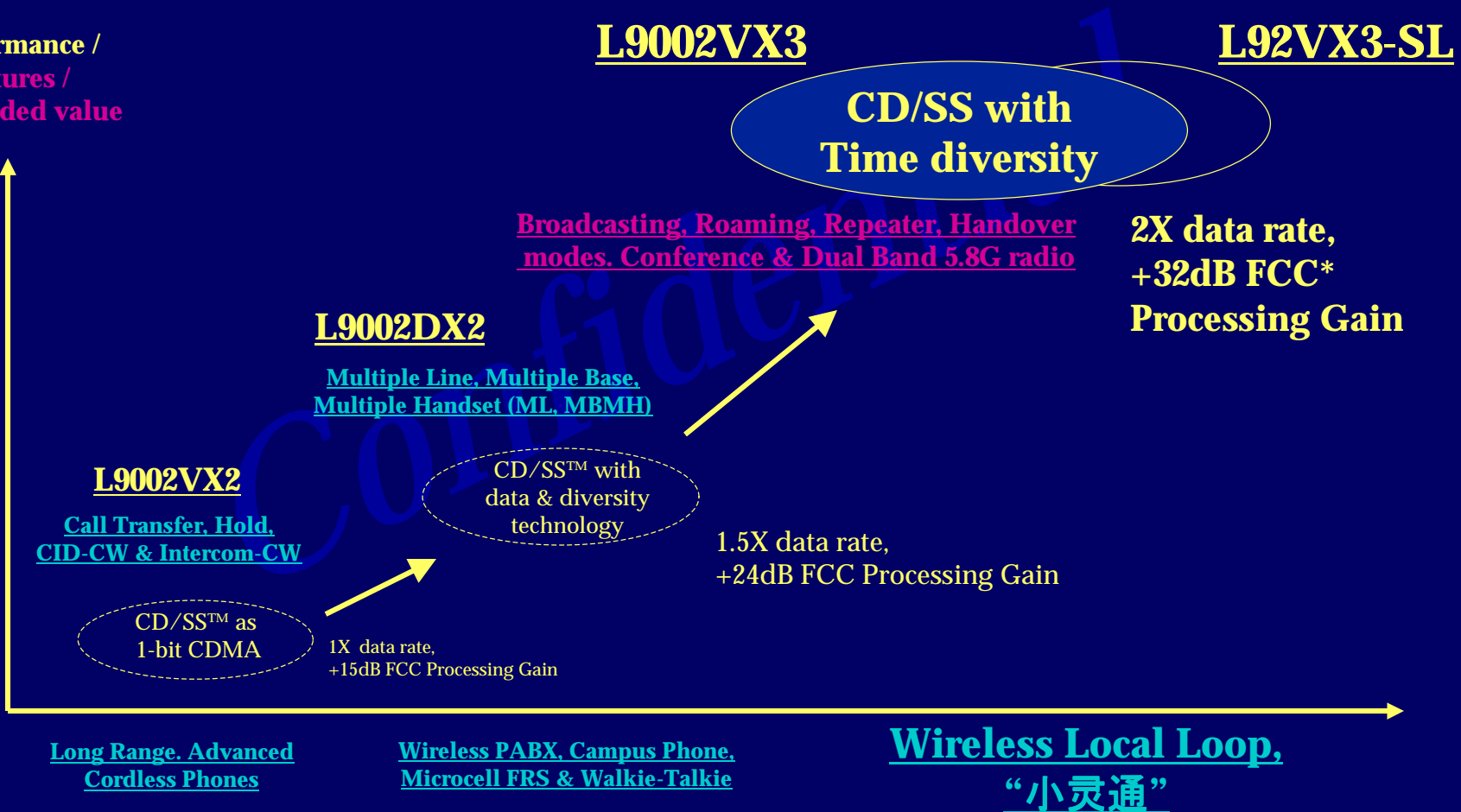
**SATURN 3<sup>rd</sup> Generation CD/SS™ Processor**

**SATURN Low Power 3G CD/SS™ Processor**

# CD/SS Wireless Phone

Extending 1-bit CDMA performance to the Wireless Local Loop

Performance /  
Features /  
User added value



Long Range. Advanced Cordless Phones

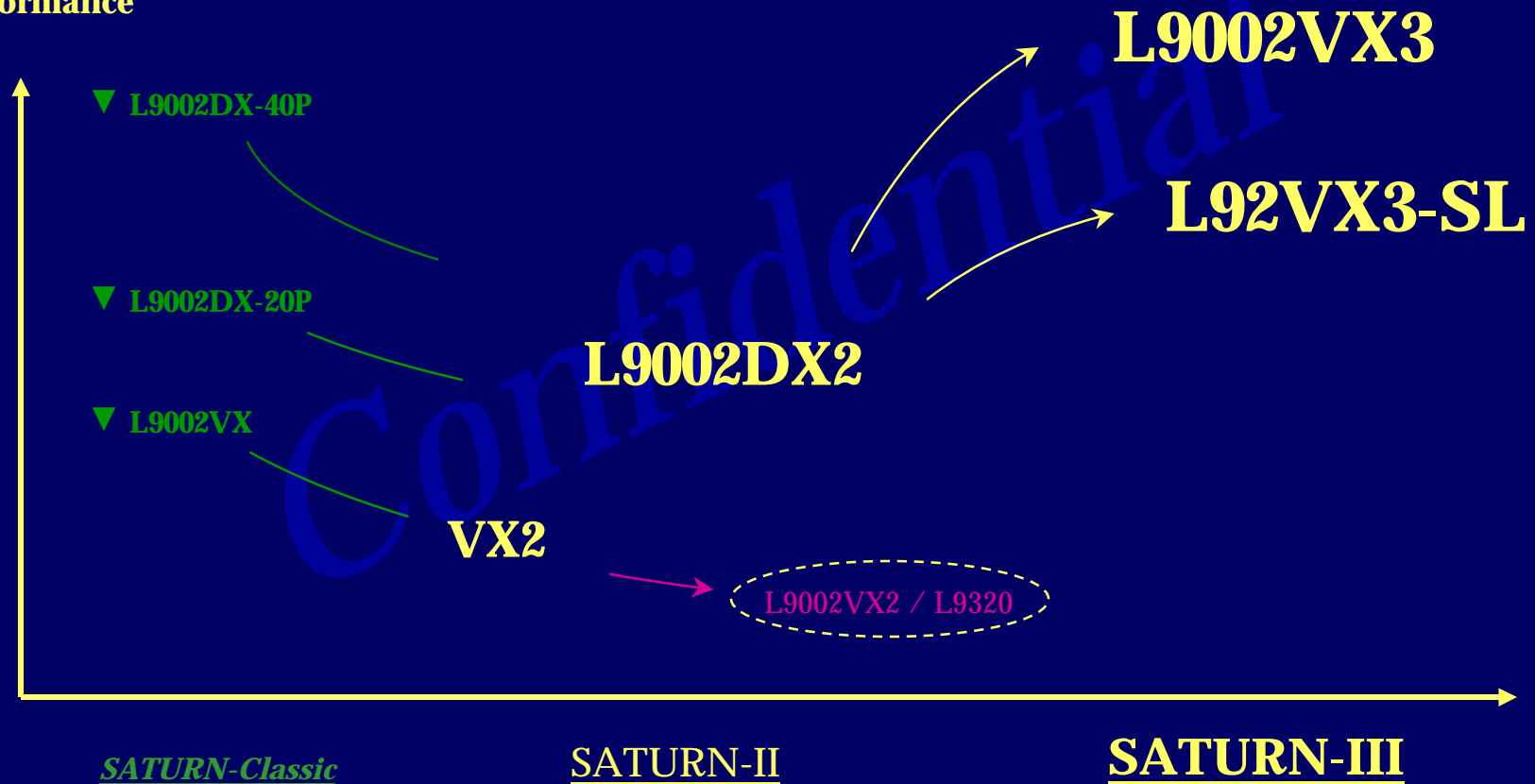
Wireless PABX, Campus Phone, Microcell FRS & Walkie-Talkie

\* Based on FCC Processing Gain measurement method in document no. 54797.

# SATURN Chip Family

*From Cordless to City-wide phones. 由“室內”到“市內”無線電話系統.*

Performance



# SATURN-III System Architecture

Third Generation CD/SS™ Wireless Signal Processor with *Time Diversity*

1. VPSK: CD/SS with Sub-band phase encoding
2. Time Division Quadplex (TDQ) mode

# SATURN-III System Architecture

## Implementation Modes

Cont'd..

3. Broadcast mode
4. Conference mode (HS1-HS2-BASE-LINE)
5. Dual Band Radio (5.8G + 900MHz)
6. Repeaters
7. Roaming mode
8. Handover mode

[.. contact Lanwave for technical details](#)

# Lanwave Technology, Inc.

## Your Wireless Connection

- Contact Lanwave (USA) for details  
Tel: (408)-253-3883, Fax: (408)-253-6630, Web: <http://www.lanwave.com/>
- Local (Asia) representatives
- Turnkey solution design houses
- Distributors & resellers