

RichWave Technology Corp. Investor Presentation

May 2017

Expanding Portfolios and Scope

Technologies

SOI CMOS
SiGe GaAs



Bluetooth



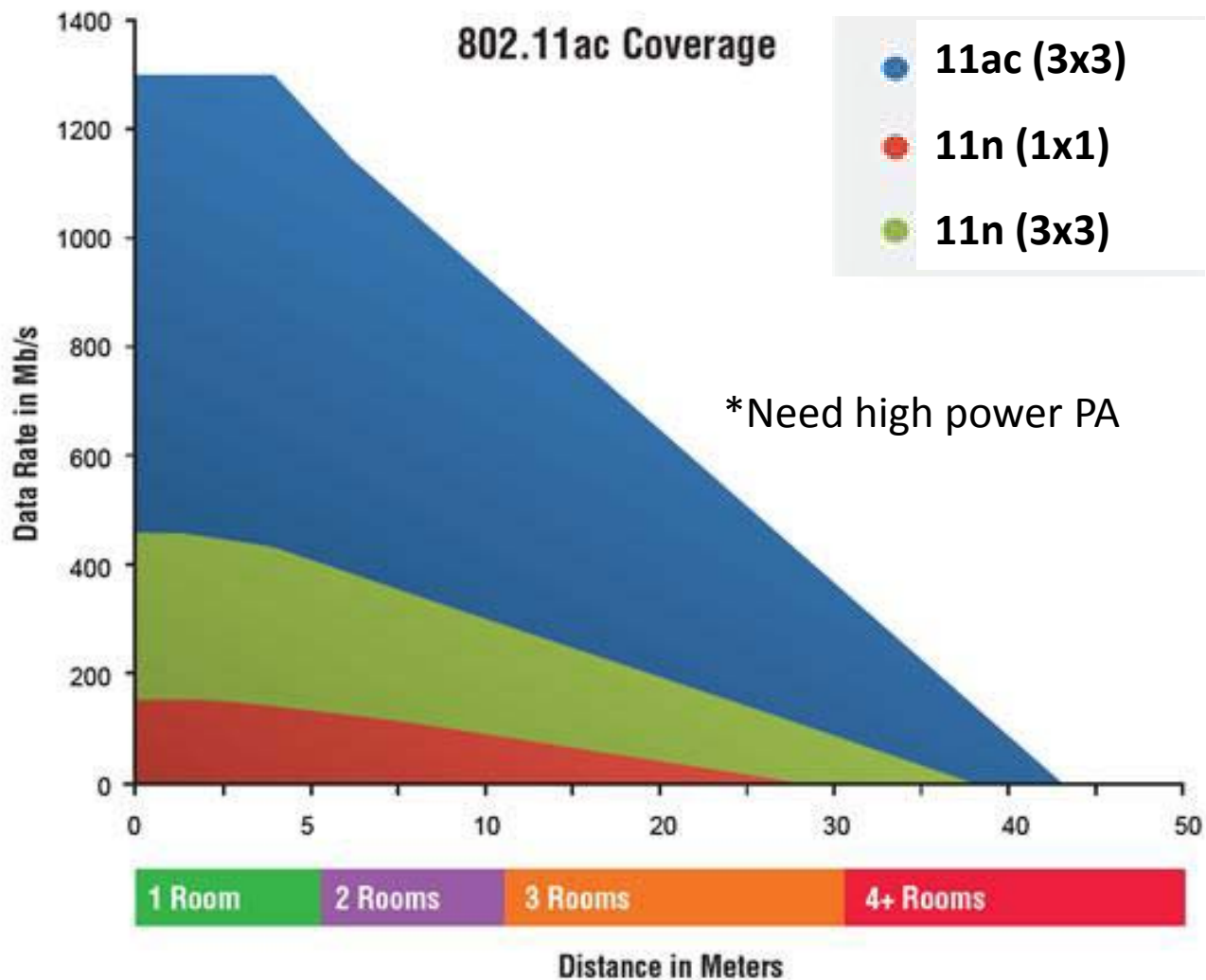
Products

Power Amplifier
Low Noise Amplifier
Switch
Front-End Module
Antenna Tuner
FM/ AM
Wireless Video

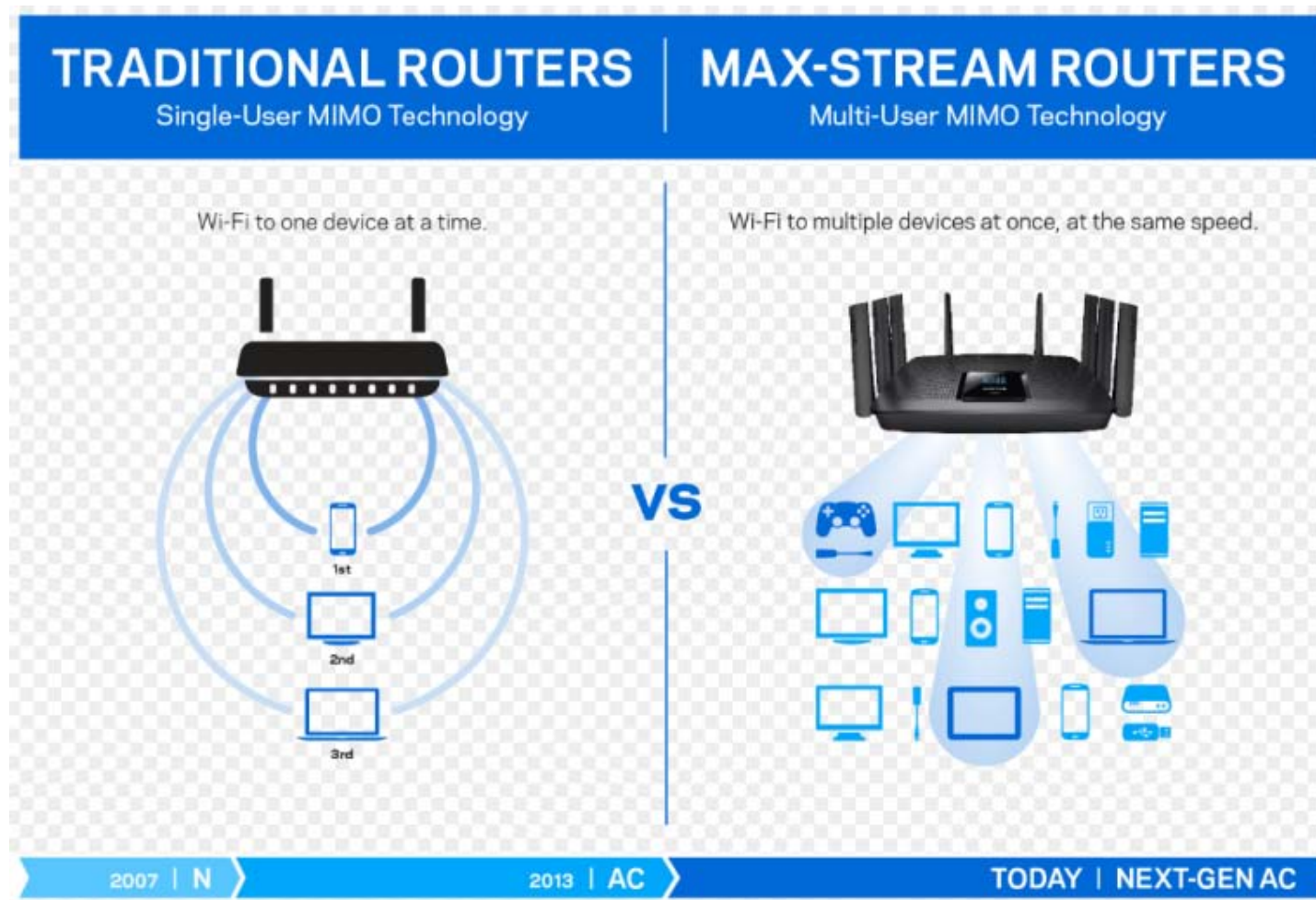
Scope

350 Customers
200 Patents
270 Products
80M pcs/month
shipping

11ac Boost RF Components Demand



MU-MIMO Requires More RF Frond-end



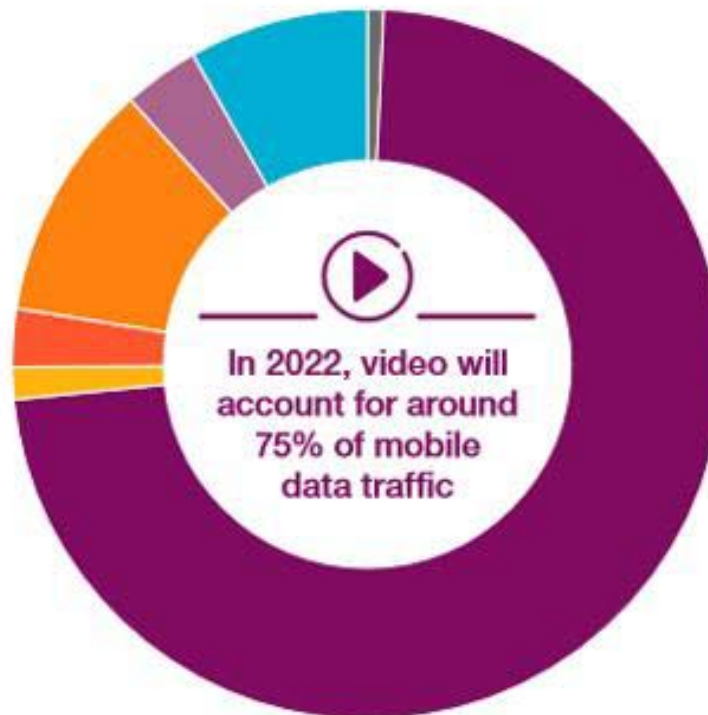
Source: Linksys

Video Driving Mobile Traffic

Mobile traffic by application category per month (ExaBytes)

- Video
- Audio
- Web browsing
- Social networking
- Software download
- Other
- File sharing

2016
8.5 ExaBytes



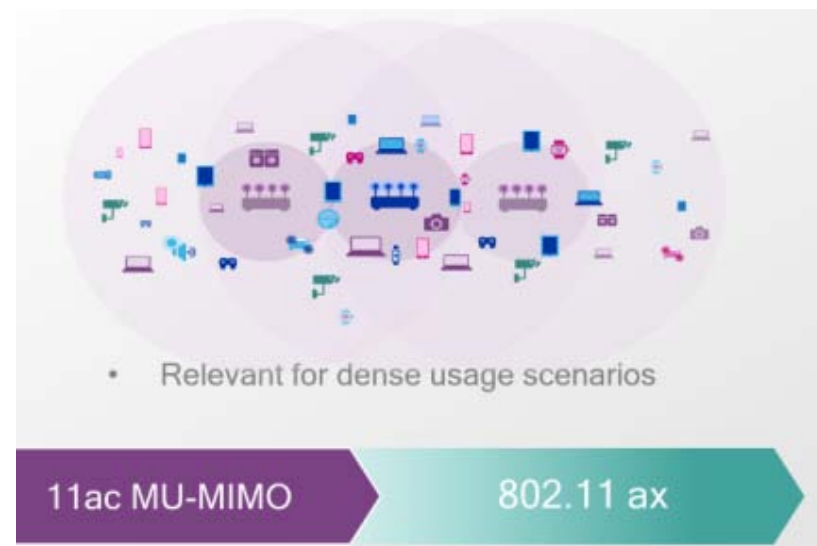
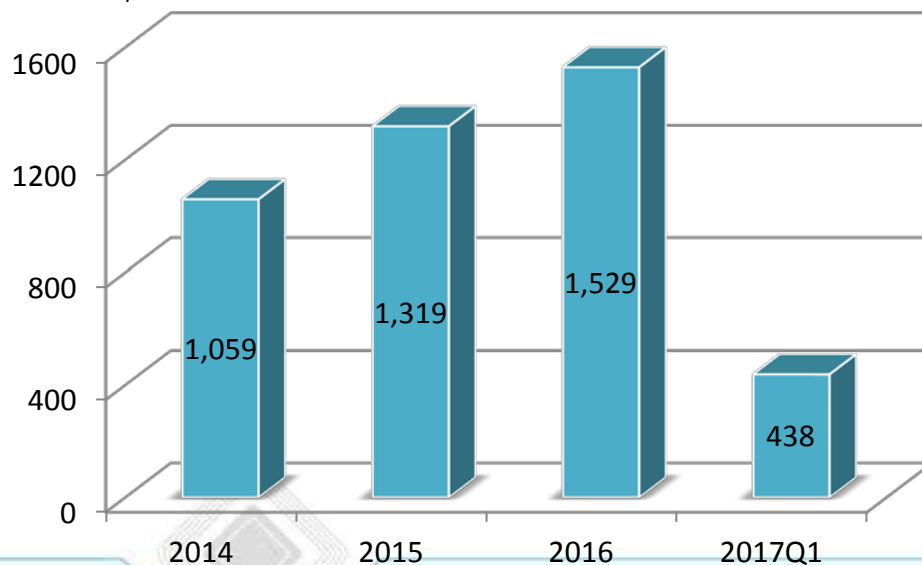
2022
69 ExaBytes

Source: Ericsson Mobile Report, Nov. 2016

WiFi the Main Growth Driver

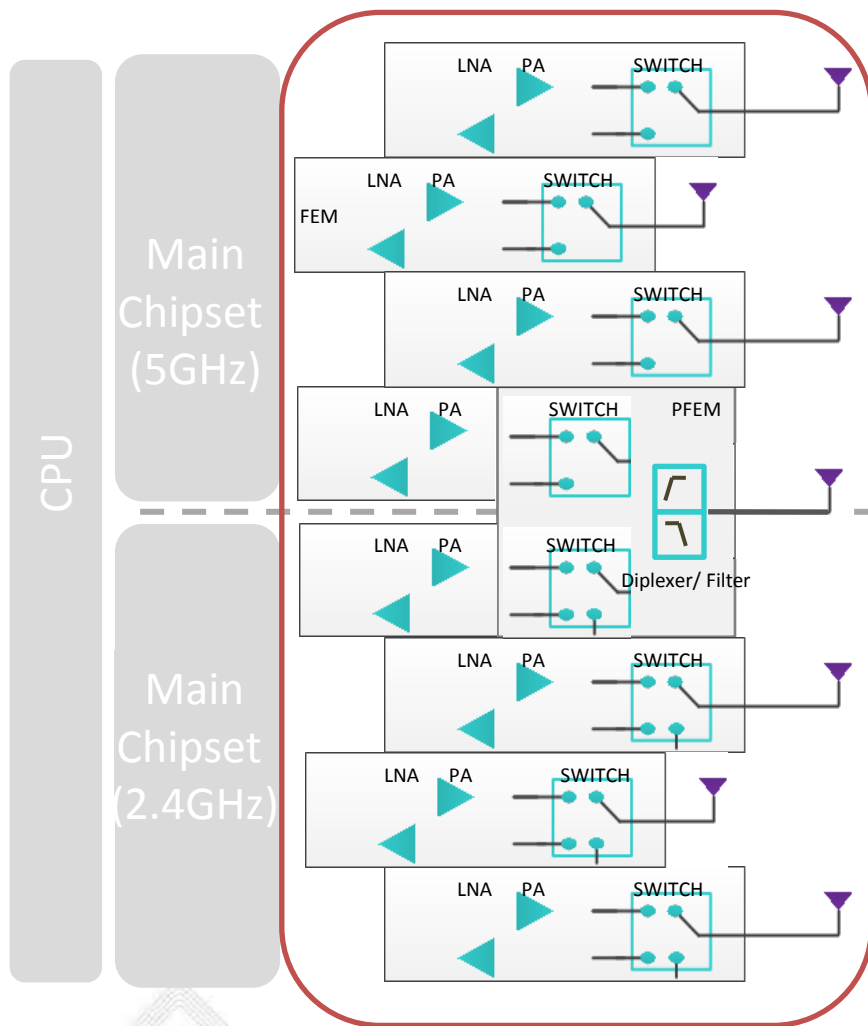
- FEM growth from 18% in Q416 to 23% in Q117. Mostly from 11ac contribution. PA growth from 14% in Q416 to 17% in Q117.
- Expanding main stream products will strengthen product portfolio.
 - Gateway and Routers
 - Embedded devices
 - Smartphone
- PA/FEM for 11ax will be launched in 2H17.

Unit: NT\$ Million



Source: Qualcomm

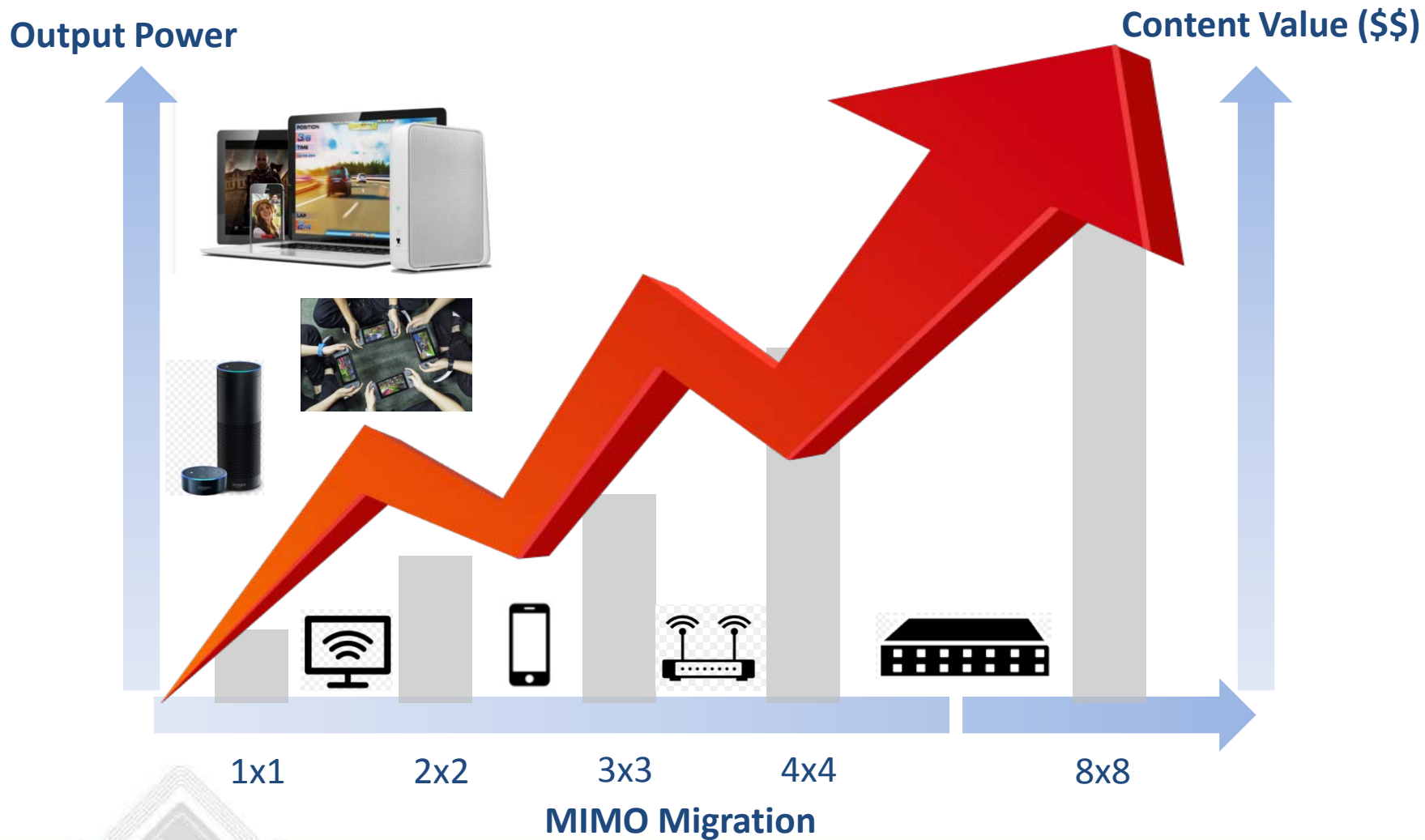
Complete WiFi Solutions



Source: D-Link

Antenna output	5GHz 11ac	5GHz 11n	2GHz 11ac	2GHz 11n
PA/LNA/SW	V	V	V	V
FEM (PA+LNA+SW)	V	V	V	V
FEM(LNA+SW)	V	V	V	V
Enterprise FEM (PA+LNA+SW)	V	V	V	V
Mobility FEM (PA+LNA+SW)	V	V	V	V

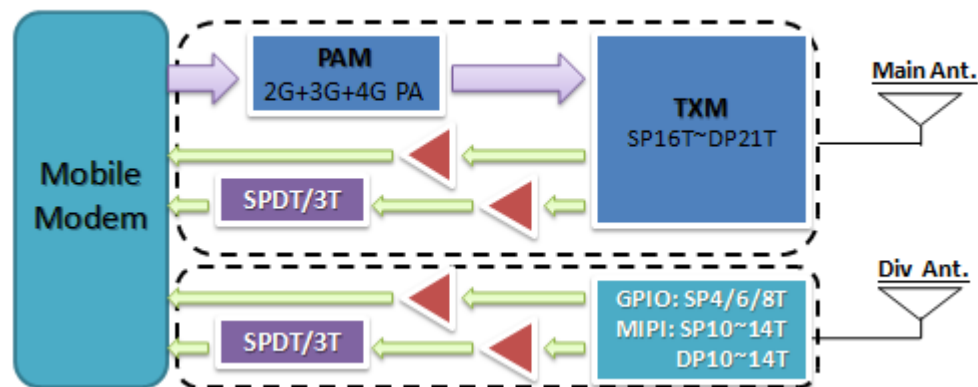
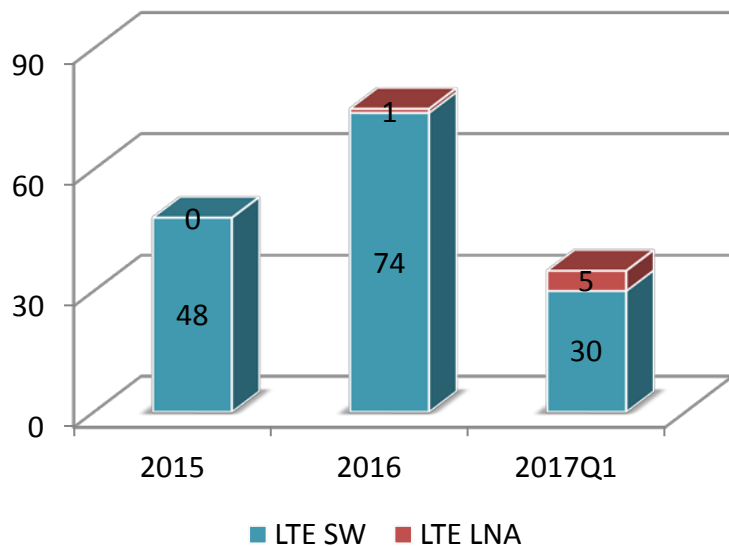
Content Value Increasing



LTE Growth in Diversity Path

- LTE LNA ship in Taiwan and China brands
- Launch high-T switch and next-gen. small form-factor LNA.
- Smart phone requires better sensitivity, more LTE LNA need.

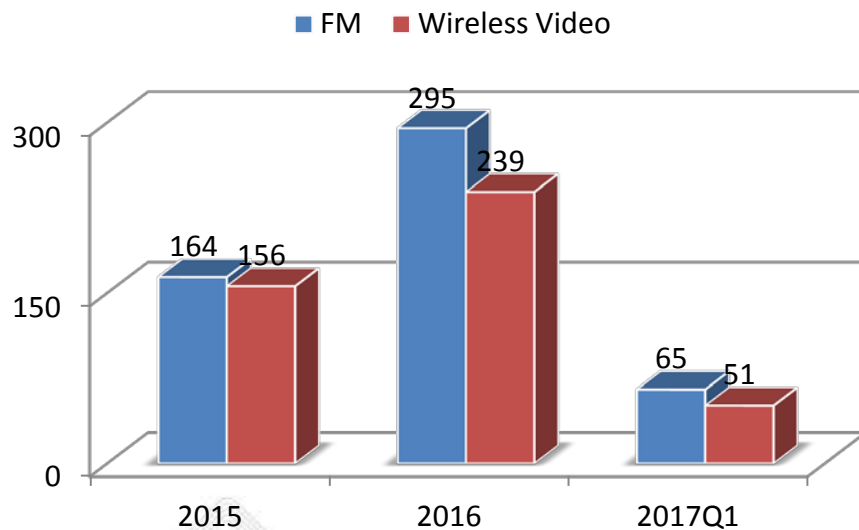
Unit: NT\$ Million



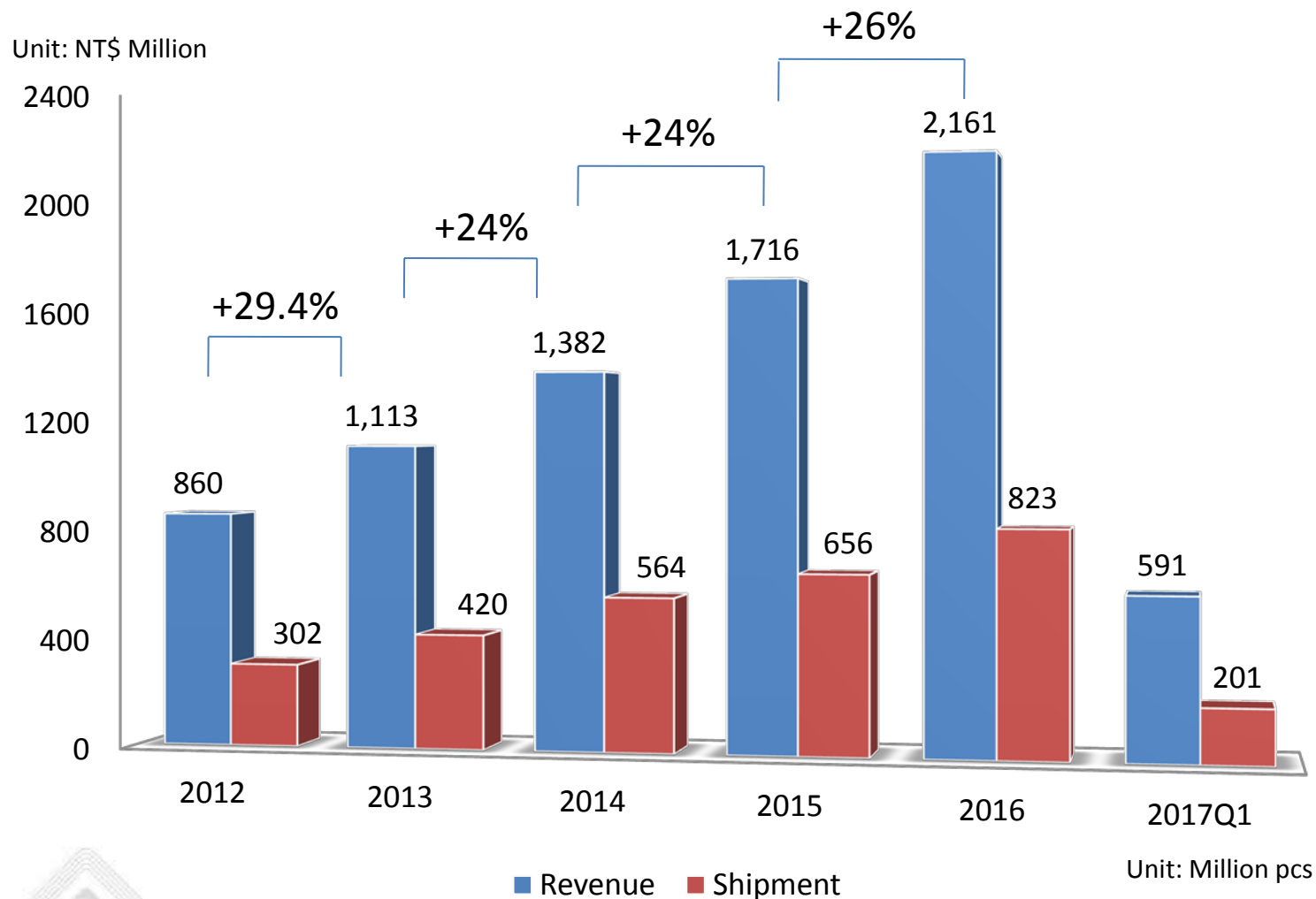
Broadcasting and Wireless Video

- Keep expanding in broadcast and wireless video.
- FM continue win in Korea flagship phone.
- FMAM start shipping in clock radio.
- Wireless long-distance HD video ship to smart home, car backup, drone... with our proprietary transceiver.

Unit: NT\$ Million

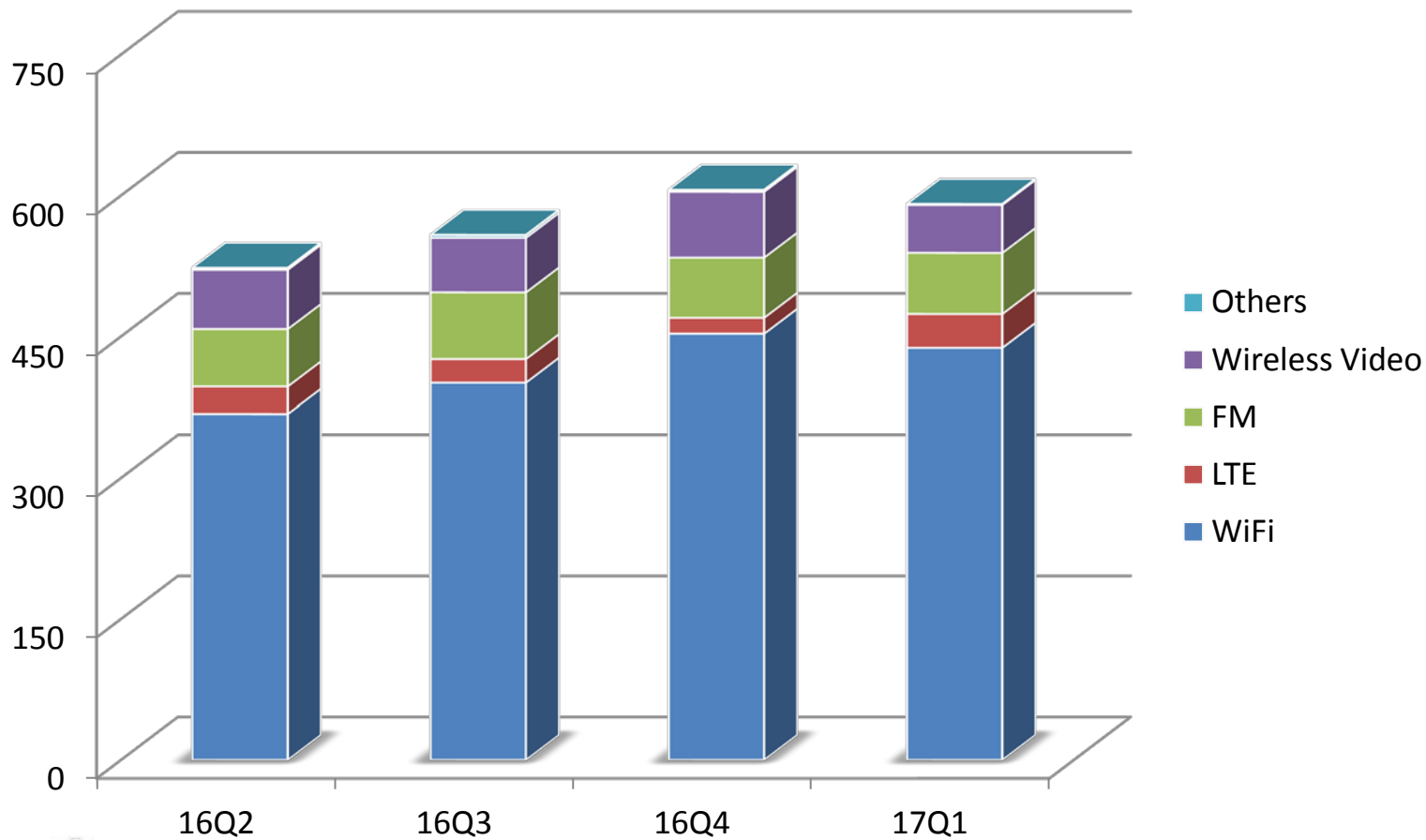


Trend in Net Sales & Units



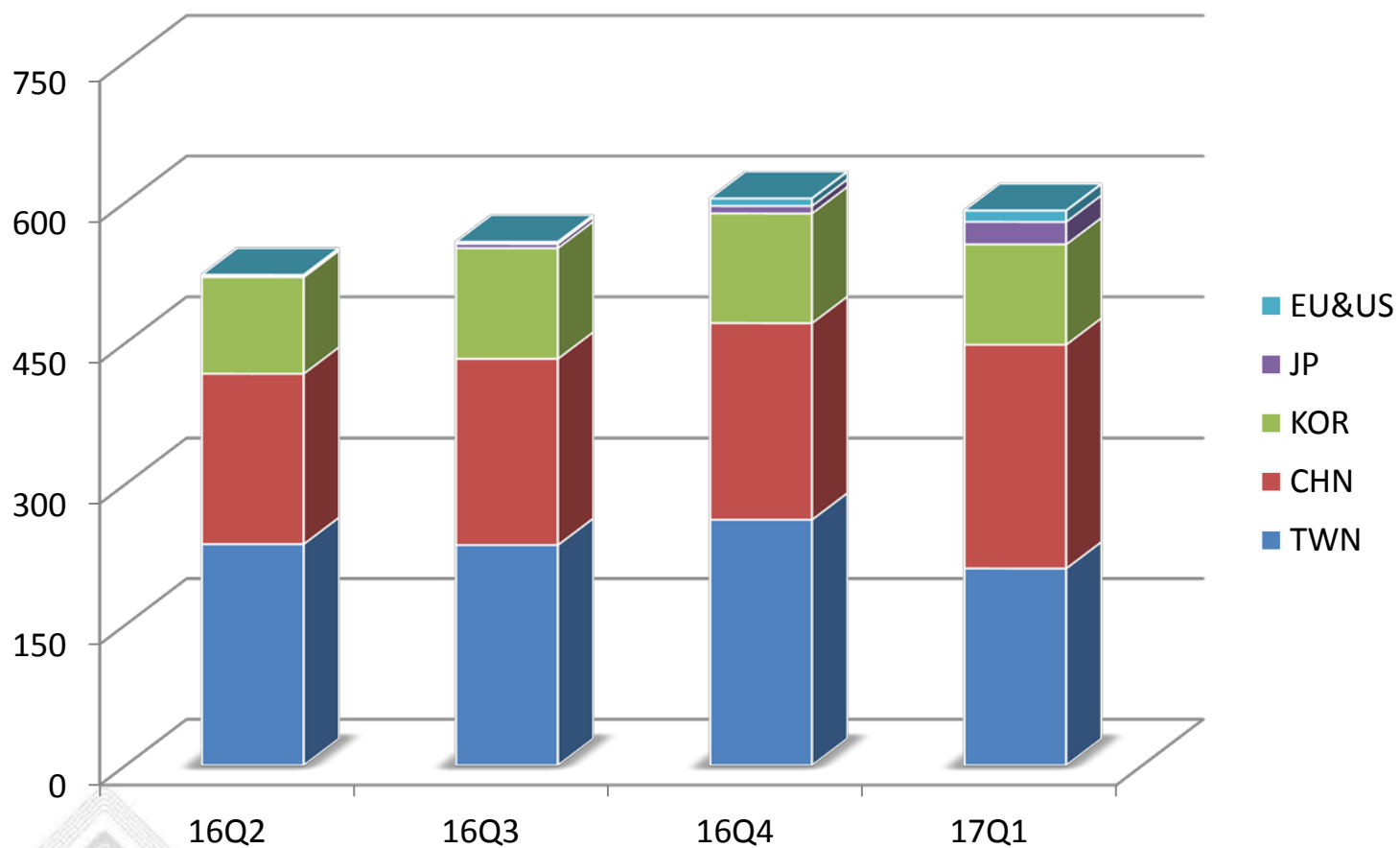
Revenue by Products

Unit: NT\$ Million



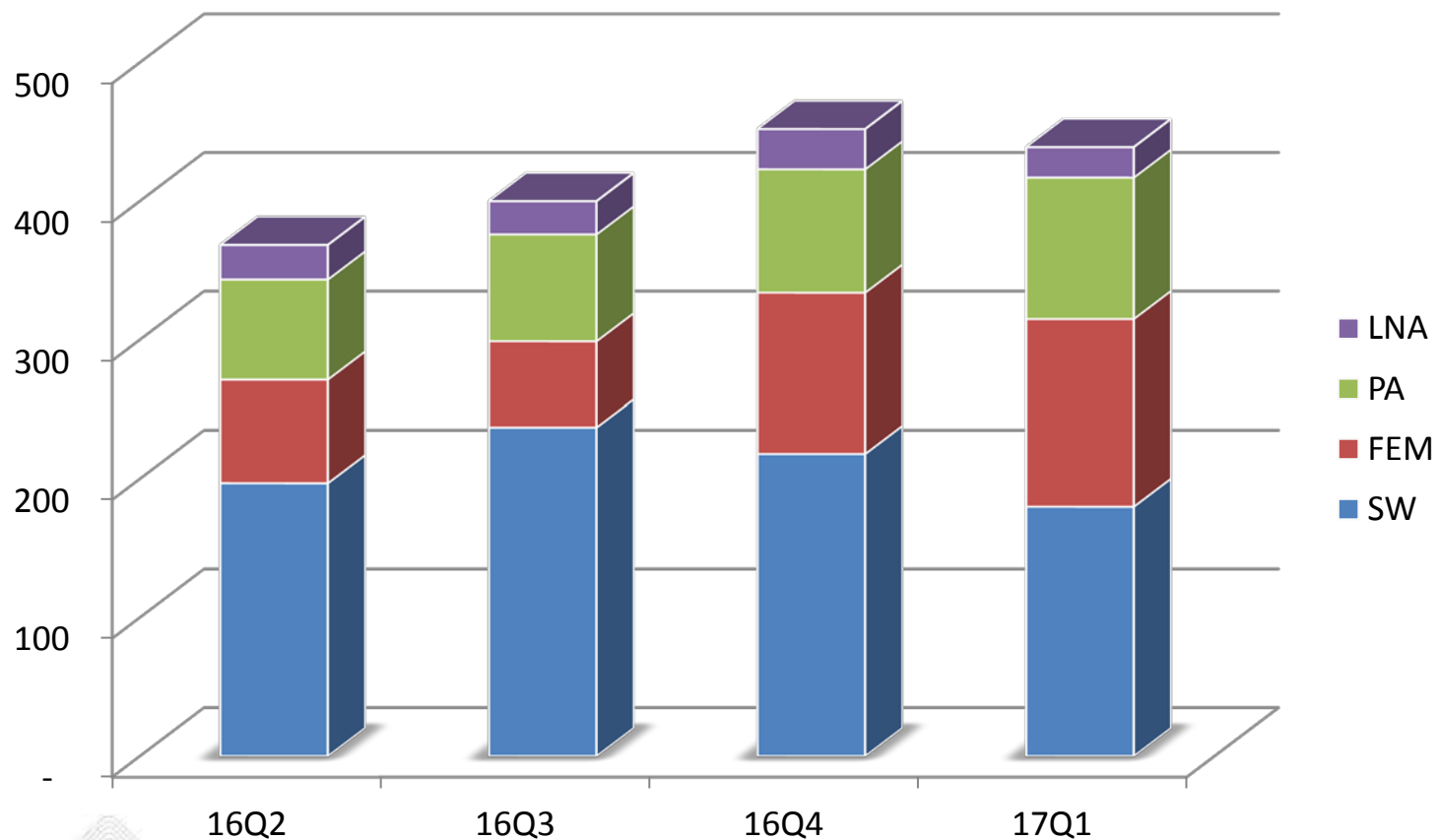
Revenue by Regions

Unit: NT\$ Million



WiFi Revenue by Products

Unit: NT\$ Million



2017 Q1 Operation Results

Amount:NT\$ MN	2017 Q1		2016 Q4		QoQ	2016 Q1		YoY
	Amount	%	Amount	%	%	Amount	%	%
Net Sales	591	100.0%	605	100.0%	-2.3%	476	100%	24.2%
Gross Margin	219	37.1%	201	33.2%	9.0%	155	33%	41.3%
Operating Expense	171	28.9%	159	26.3%	7.5%	114	24%	50.0%
Operating Profit	48	8.1%	41	6.8%	17.1%	41	9%	17.1%
Net Income before Tax	-59	-10.0%	58	9.6%	-201.7%	29	6%	-303.4%
Net Income after Tax	-50	-8.5%	50	8.3%	-200.0%	25	5%	-300.0%
EPS	-0.91		0.91			0.46		

2017Q1 Non-Operating Income and Expense total NT\$107 million including settlement fee NT\$76 million and exchange losses NT\$31 million.



RichWave