



RichWave Technology Corp.

Investor Presentation

Nov. 2019

COMPANY OVERVIEW

SHANGHAI
SHENZHEN
SEONGNAM
TAIPEI
CHUPEI
SAN JOSE



Founded
Jan. 2004



Listed in TSE
Nov. 2015



Customers
350+



Products
270+

Vision



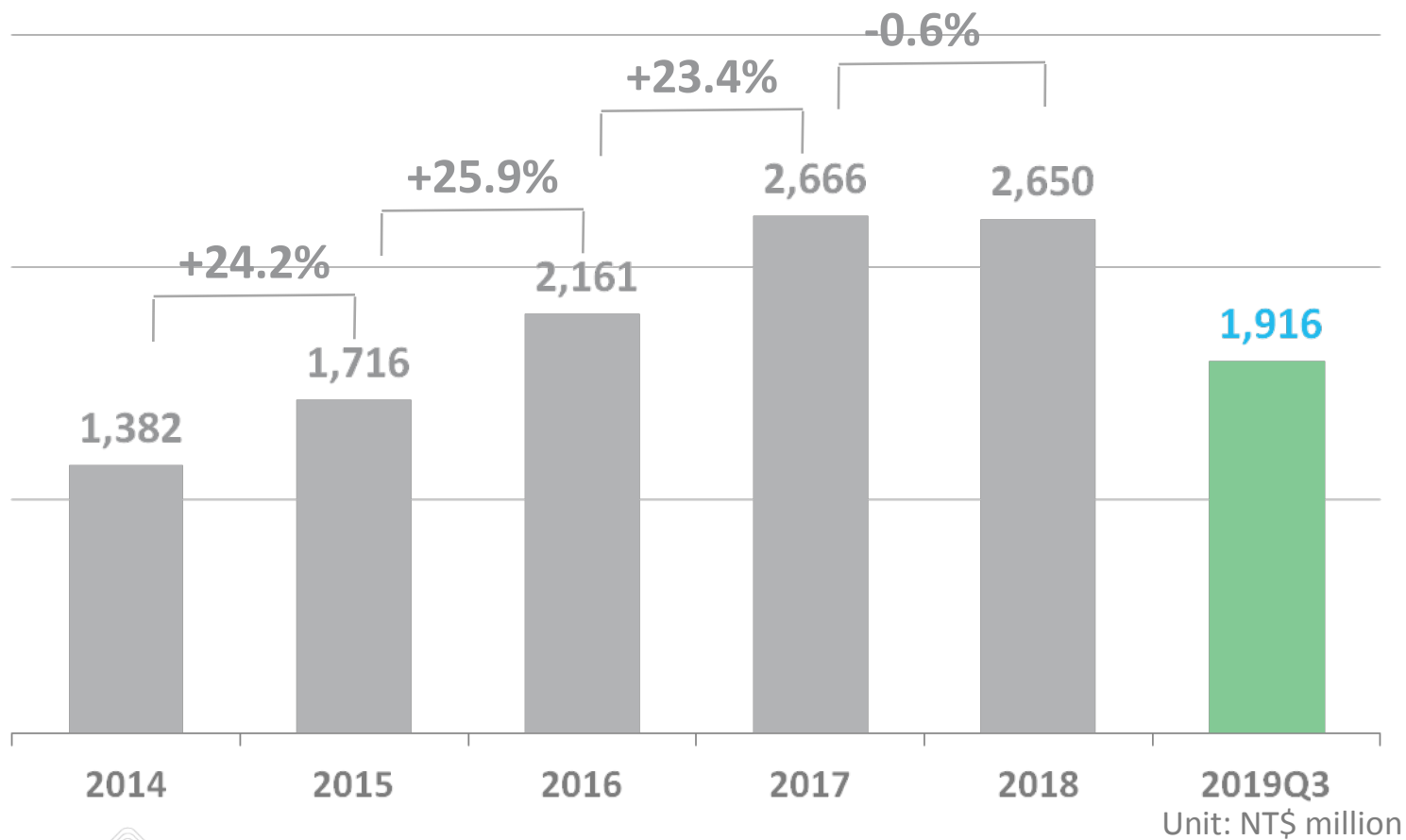
**World RF IC Leader
by Technology and Innovation**



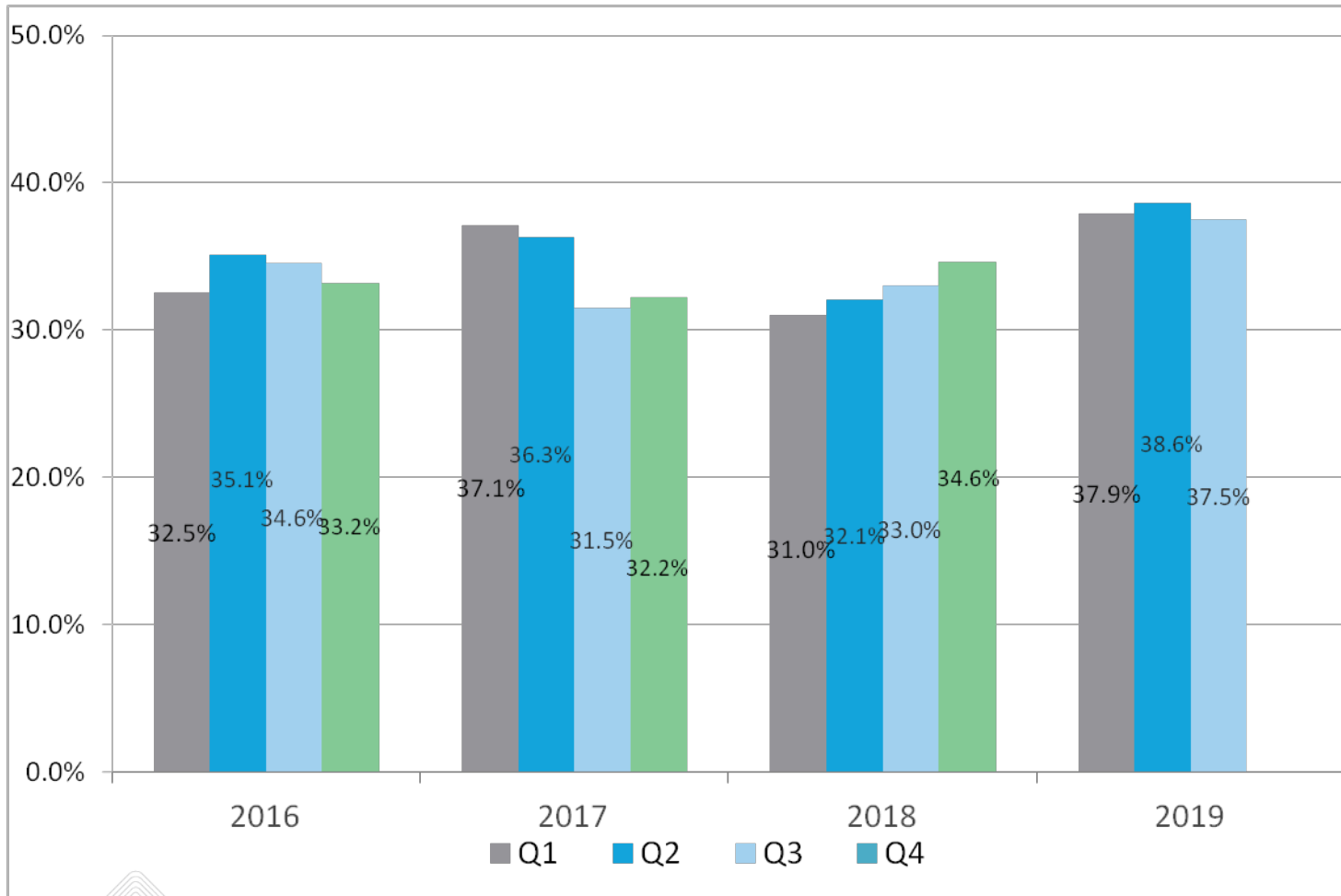
2019 Q3 P&L

Amount:NT\$ MN	2019 Q3		2019 Q2		QoQ	2018 Q3		YoY
	Amount	%	Amount	%	%	Amount	%	%
Net Sales	824	100.0%	666	100.0%	23.7%	669	100.0%	23.2%
Gross Margin	309	37.5%	257	38.6%	20.2%	221	33.0%	39.8%
Operating Expense	189	22.9%	178	26.7%	6.2%	164	24.5%	15.2%
Operating Profit	120	14.6%	79	11.9%	51.9%	57	8.5%	110.5%
Non-Op. Profits(Loss)	0	0.0%	2	0.3%	-100.0%	5	0.7%	-100.0%
Net Income before Tax	120	14.6%	81	12.2%	48.1%	62	9.3%	93.5%
Net Income after Tax	96	11.7%	61	9.2%	57.4%	54	8.1%	77.8%
EPS	1.57		1.00			0.89		

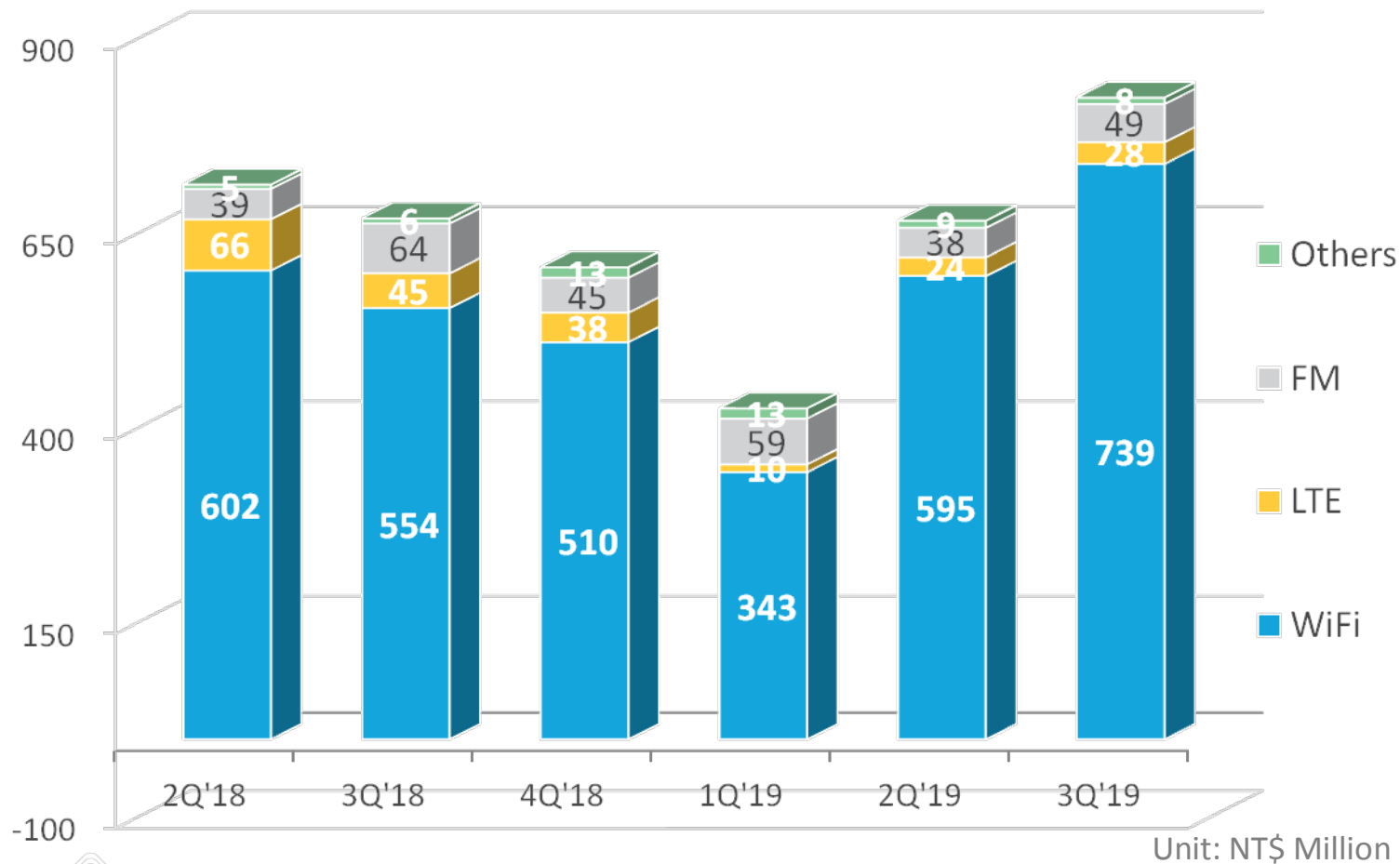
Net Sales 2014-2019



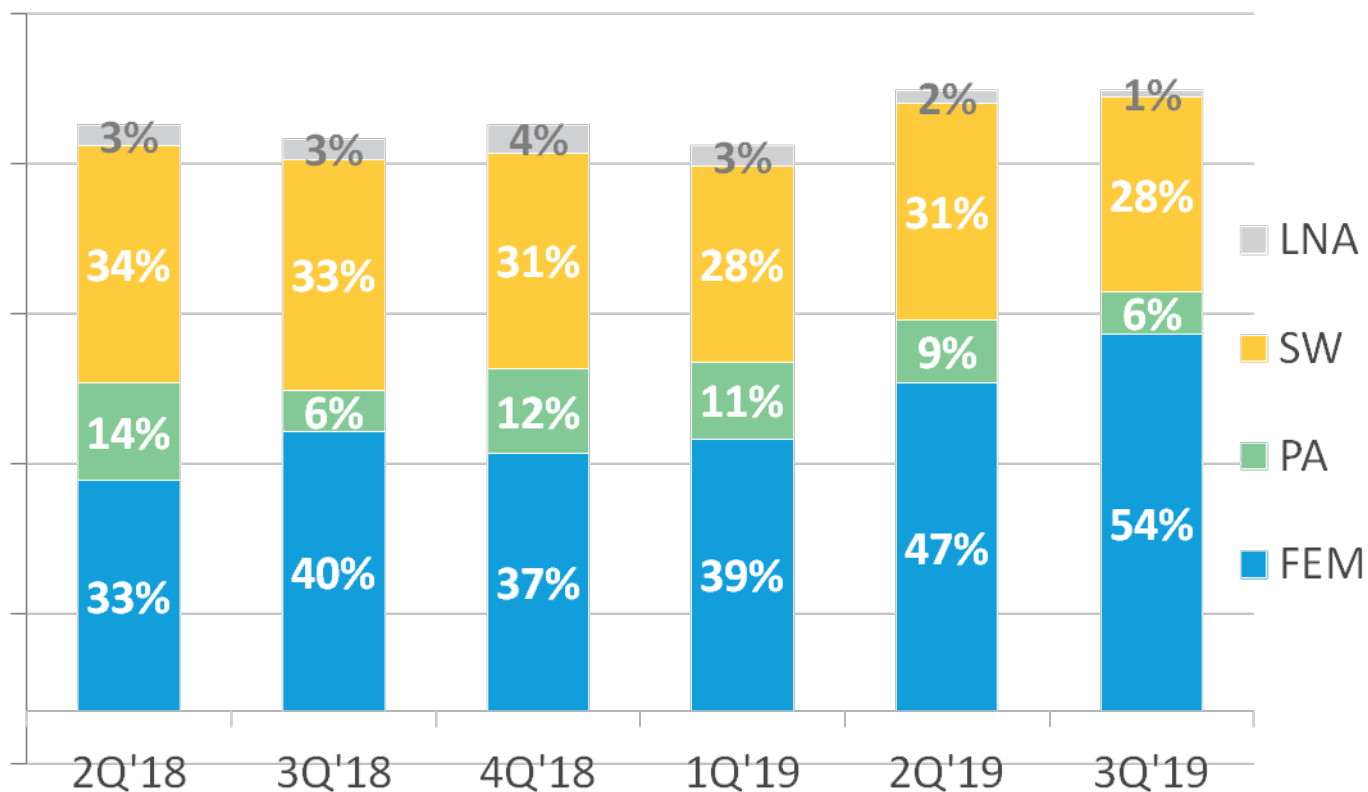
Gross Margin Trend 2016-2019



Revenue by Products

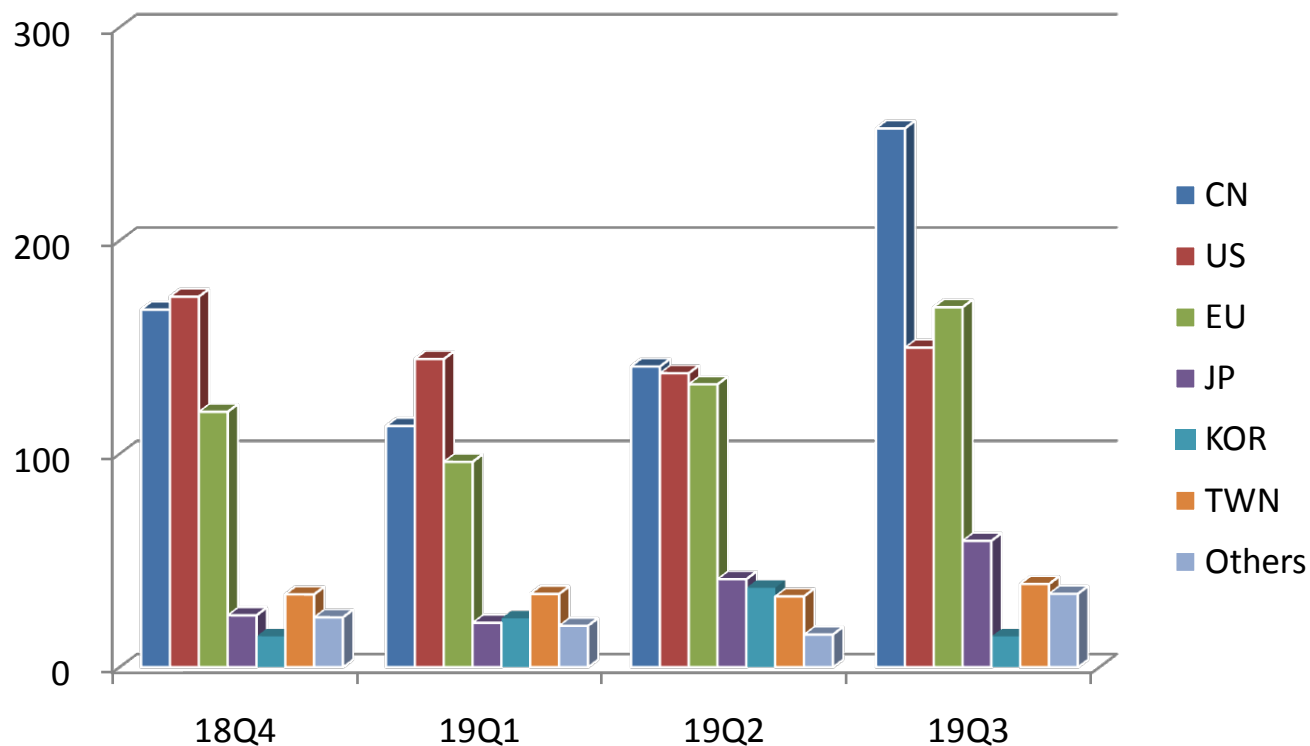


WiFi FEM Continues to Gain Weighting



WiFi Revenue by Areas

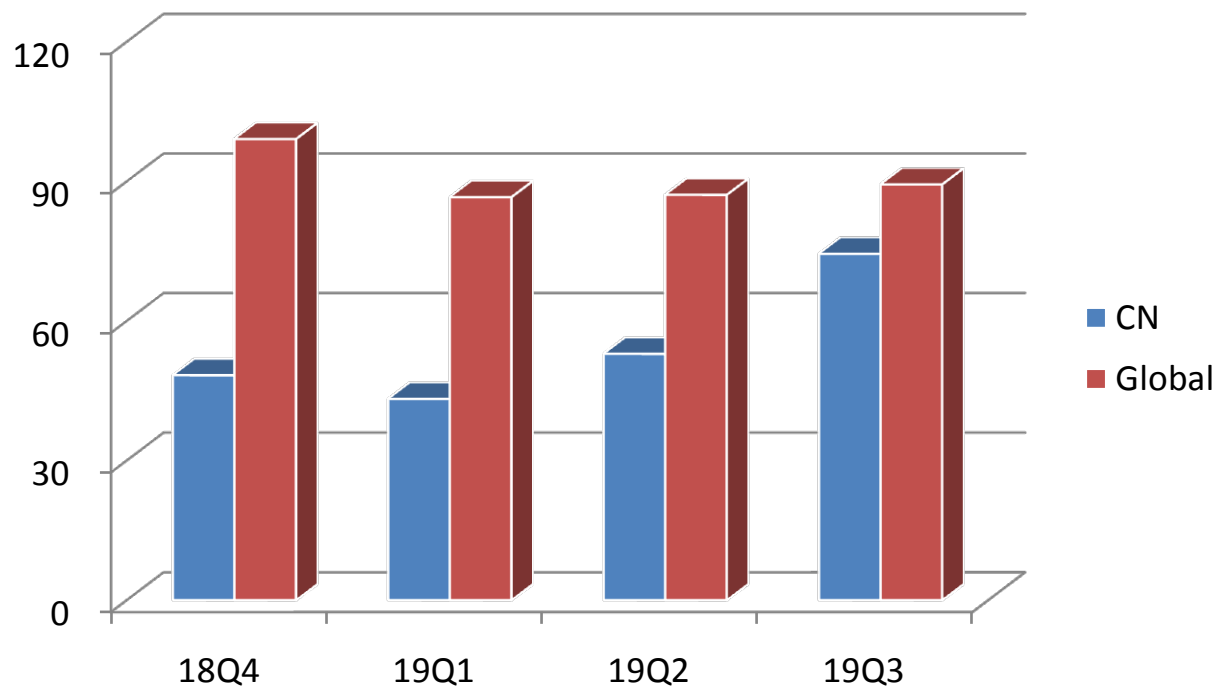
Unit: NT\$ million



Growth in Global Brand WiFi AP Market

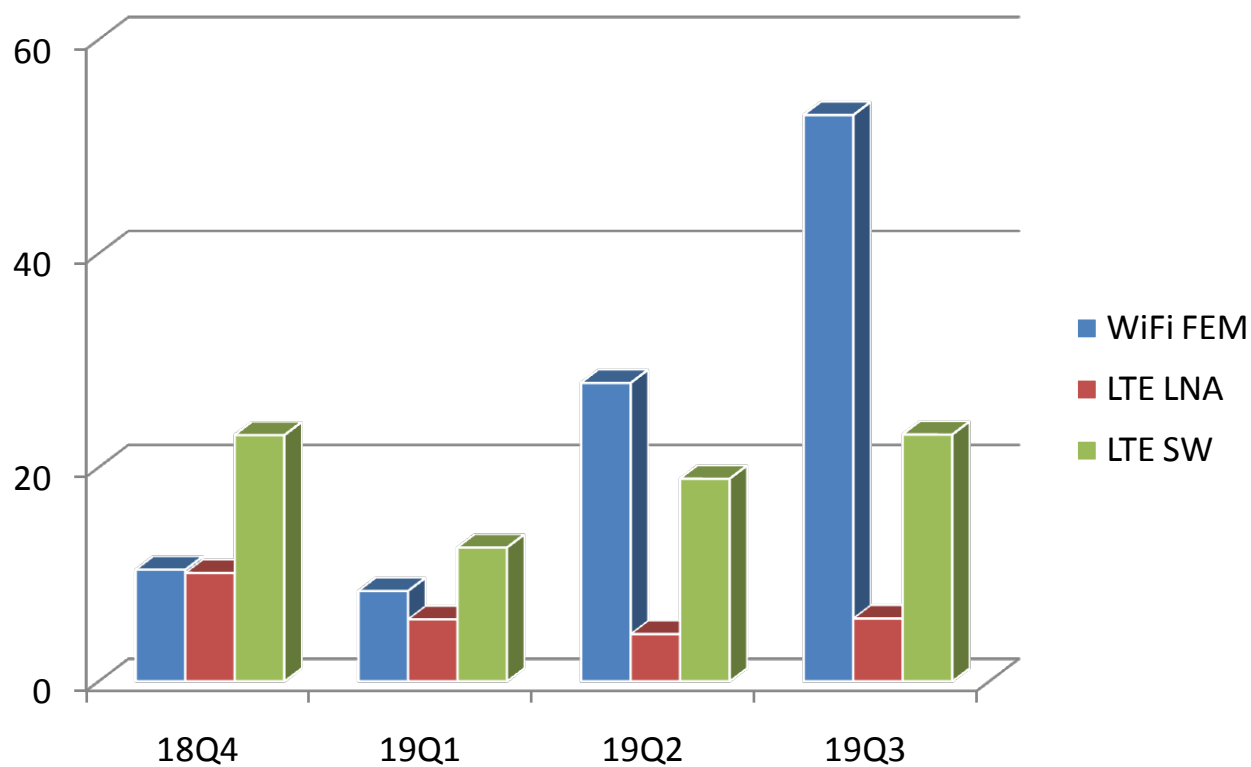
- 11ac FEMs continue expanding to global brands AP market including retailers and telecom operators.

Unit: NT\$ million



Growth in WiFi FEM in Mobile

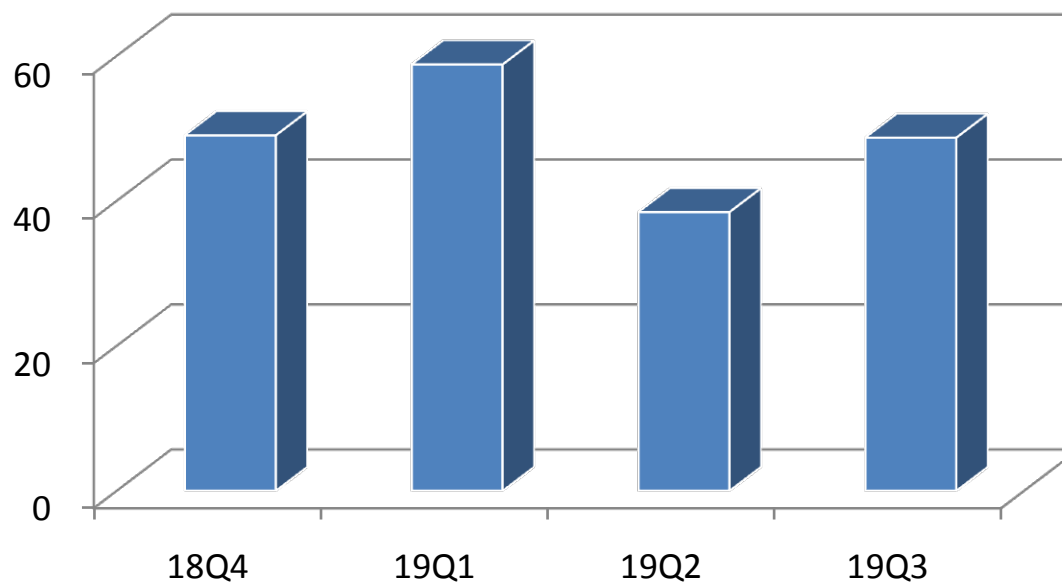
Unit: NT\$ million



FM Continues on Main Mobile Brands

- FM continues on flagship phones on Korea main brand.
- FM also applies to middle end phones for Korea main brand.

Unit: NT\$ million



Business Highlights – WiFi

- Design win and shipping of 11ax FEM for China Telecom AP router.
- Design win of 11ax FEM for US retailer AP router.
- Design win of 11ax FEM for Technicolor VDSL gateway.
- Design win of 11ax FEM for Turkey telecom DSL gateway.
- Design win of 11ac FEM for Sagemcom gateway and STB.
- Design win of 11ac FEM for France telecom Freebox WiFi repeater and home gateway.
- Design win and shipping of 11ac FEM and PA for India telecom Reliance home gateway and mesh router
- Design win of 11ac FEM for Spain telecom Telefonica WiFi repeater and GPon gateway.
- Design win of switches for Google IP camera.



SAGEMCOM

freebox



Business Highlights – WiFi

- Design win of 11ax FEM for H3C AP router.
- Design win of 11ax FEM for China Mobile GPon gateway.
- Design win of 11ac FEM for ZTE AP routers and gateways.
- Design win of 11ac FEM for Nokia Bell AP routers and gateways.
- Design win of 11ac FEM for Ruijie AP routers.
- Design win of 11ac FEM for Thailand telecom VDSL router.
- Design win and shipping of 11ac FEM and PA for TP Link AP routers.
- Design win and shipping of 11ac FEM and PA for Huawei AP routers.
- Design win and shipping of 11ac FEM for Quectel WiFi modules.



Business Highlights – Cable Switches

- Design win of cable switches for Commscope 11ac cable gateway.
- Design win of cable switches for Technicolor 11ax cable gateway.
- Design win of cable switches for Sagemcom 11ax cable gateway.

COMMSCOPE®



technicolor



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