



2022 Q4 Conference Call

**Bridge
Everything
with
Connectivity**

2022 Q4



About RichWave Technology

Business Direction & Strategy

Growing Position in WiFi– WiFi7 and Beyond

+

Diversified Offering in IoT, Mobile, Automotive Applications

+

Mastering Multiple Diversified Technology

+

Best Partner and Excellent Customer Service

Creating Long Term Value with Technology and Market Strategy

Worldwide Company Site



Founded
Jan. 2004



Listed in TSE
Nov. 2015



IC shipment per year
1.24BN pcs

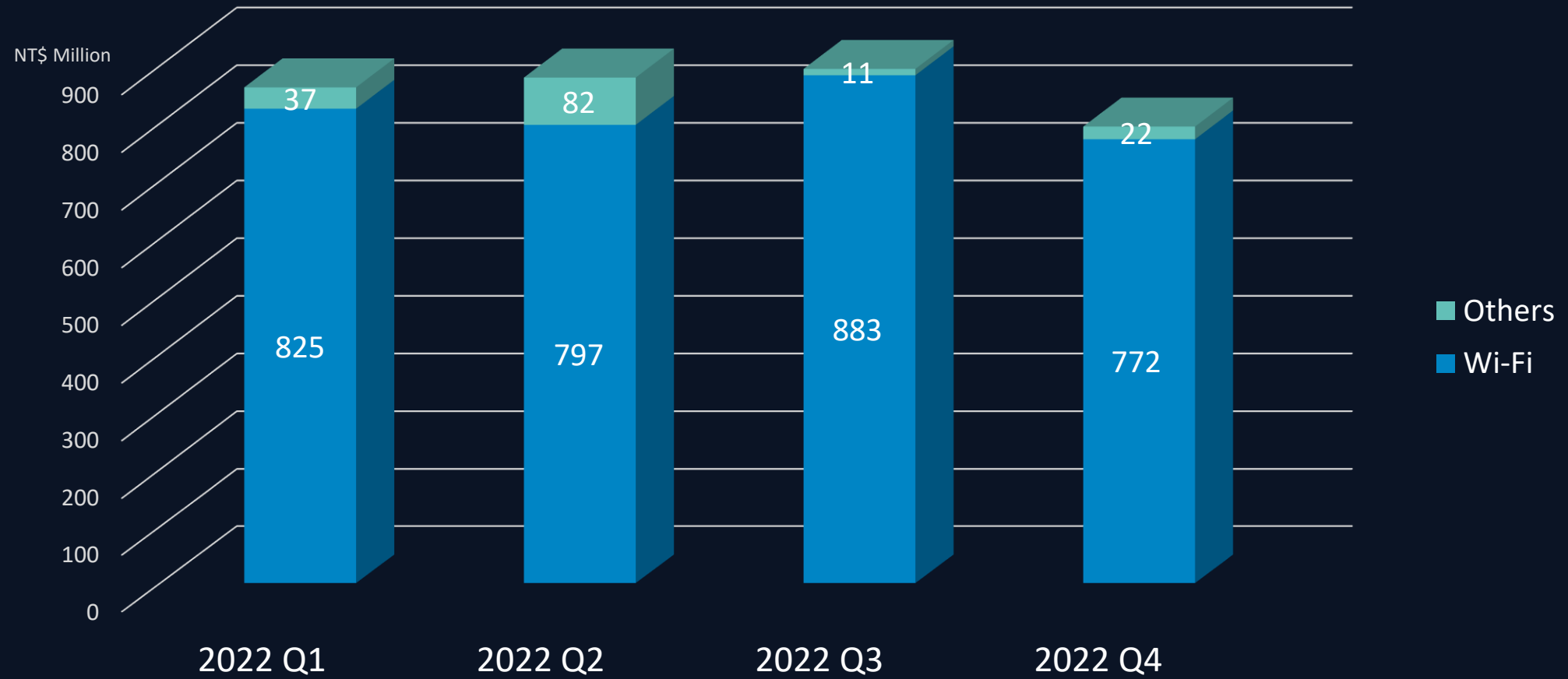


Product
270+



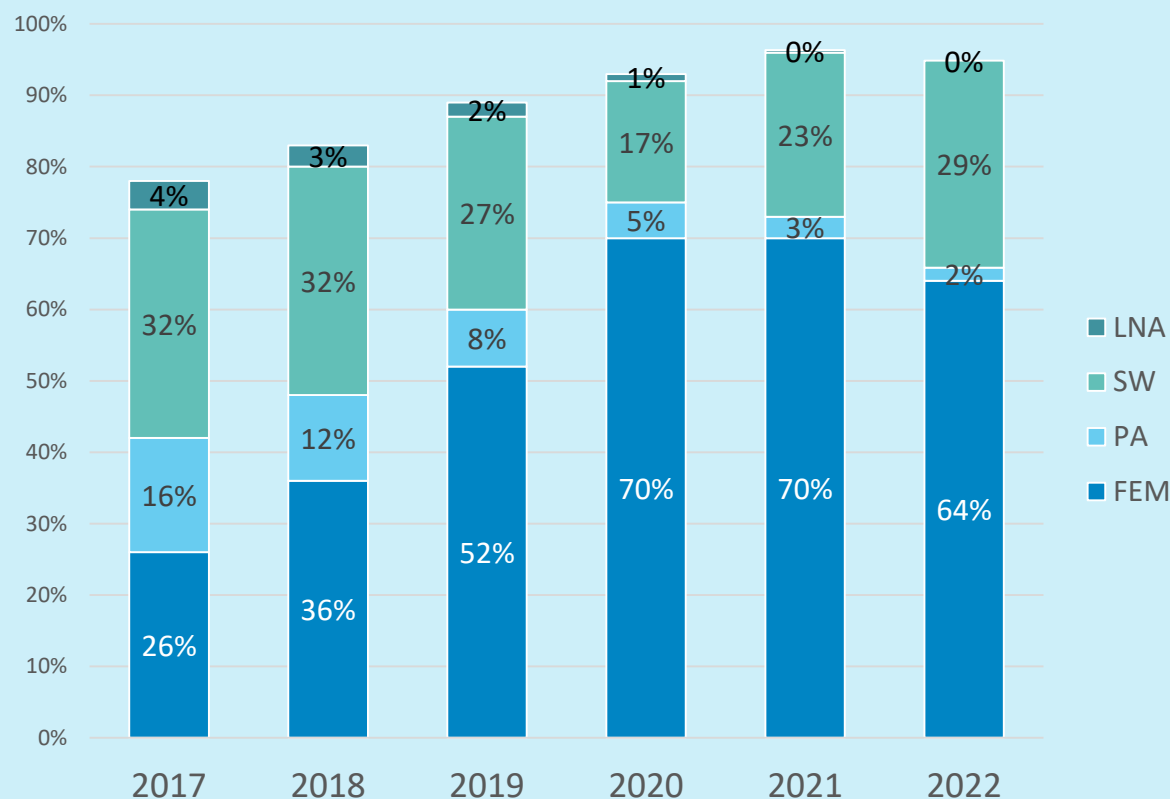
Granted patent
520

Revenue-by Segment



Win in High Performance FEM and 3rd Parties' Platform

Growing position in High Performance FEM market

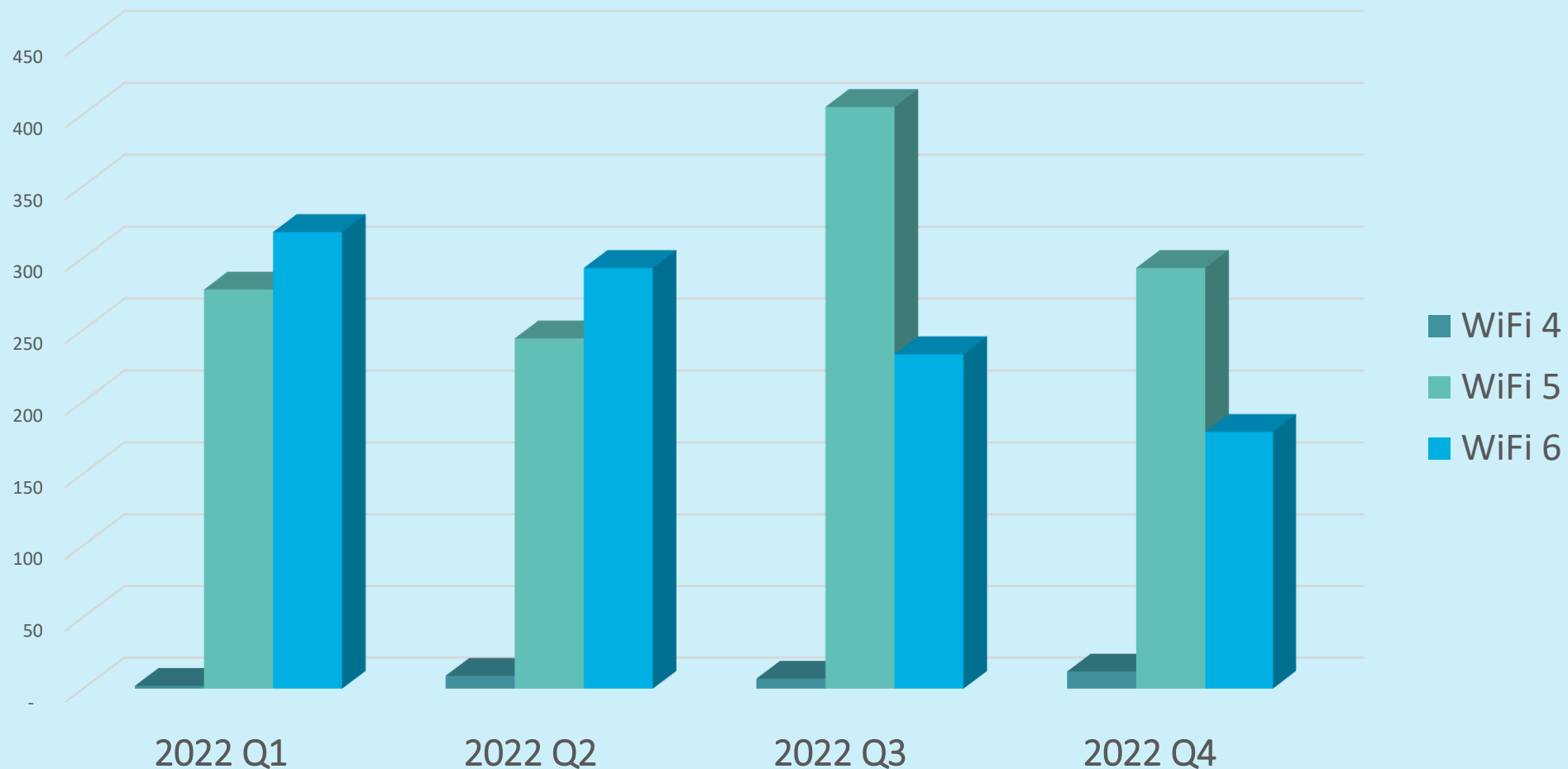


Strong AVL position with major platforms

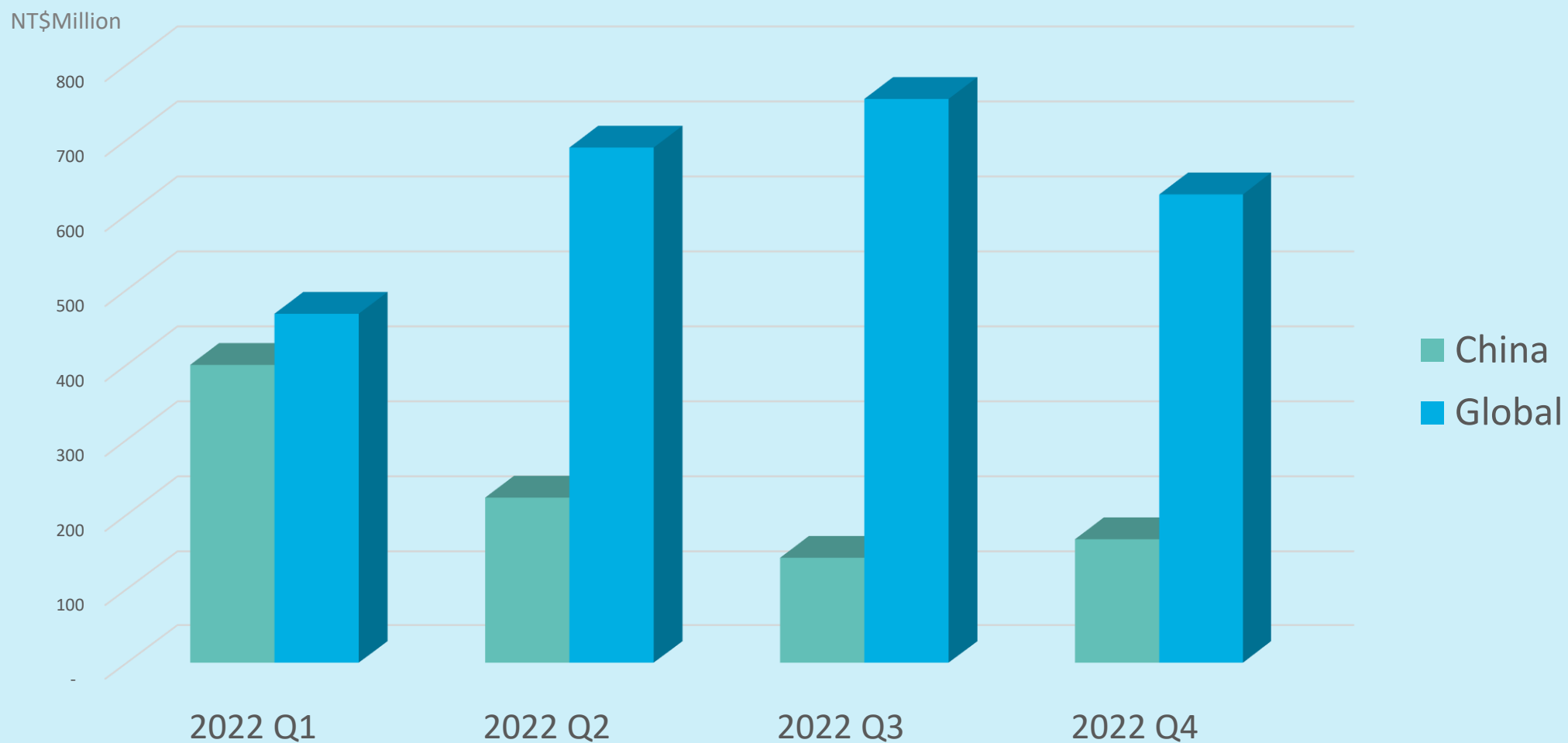


Wi-Fi Revenue by Protocol

NT\$Million



Wi-Fi Revenue by Region





Wi-Fi

- Growing global business and customer base.
- Technology position in broadband trend and WiFi7.
- Expanding filter product line: Design in EU operators + branding networking providers.



802.11n



802.11ac



802.11ax



802.11ax



802.11be



PA



LNA



SW



FEM



FILTER

SAGEMCOM

Telefonica

Google

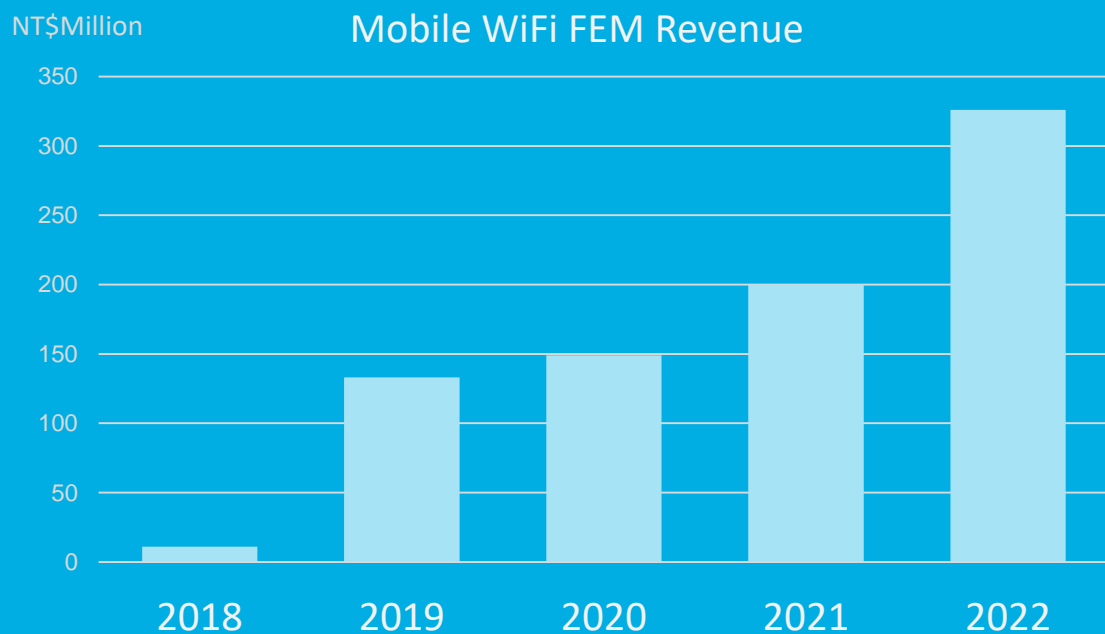
amazon

Reliance Industries Limited

orange™

5G Mobile

- Expanding smartphone product line.
- Smartphone Wi-Fi6 FEM shipping continues.
- Smartphone WiFi6E FEM design in new customer.



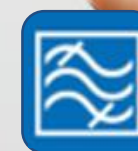
FEM



LNA



SW

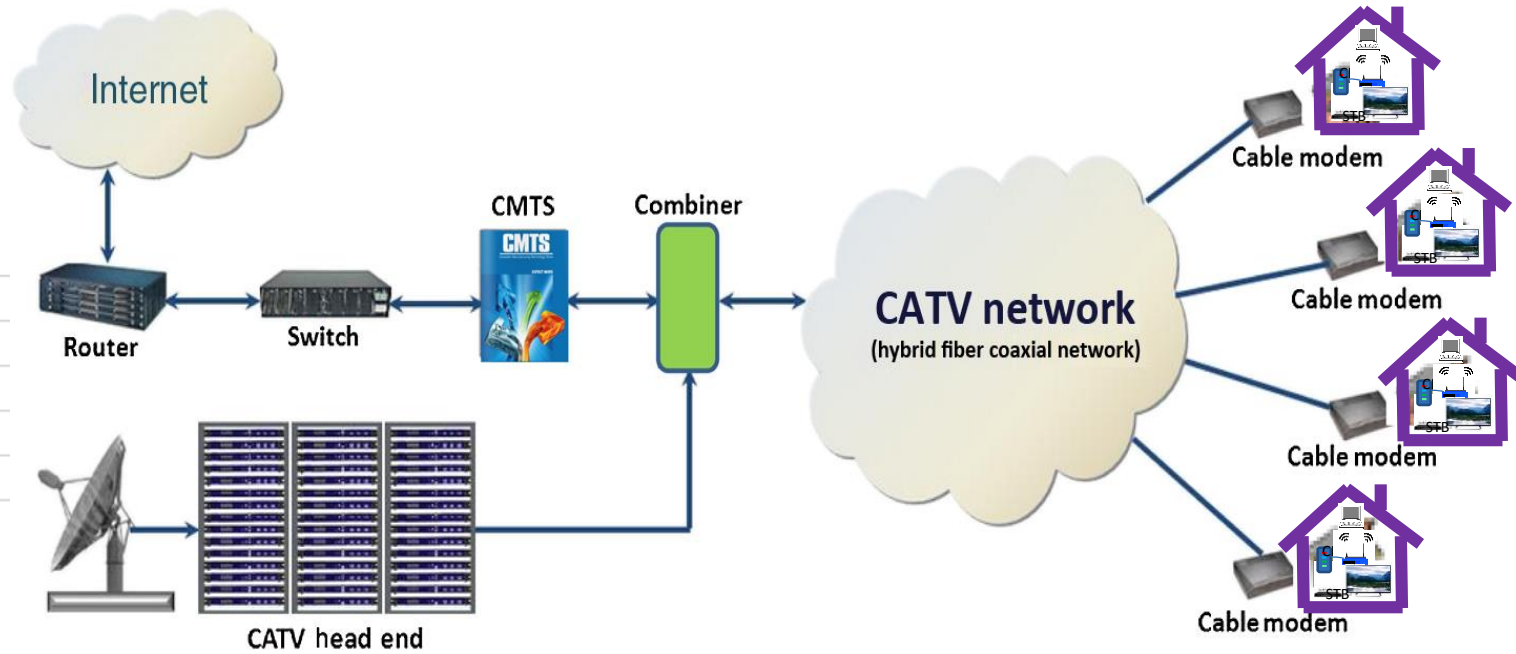
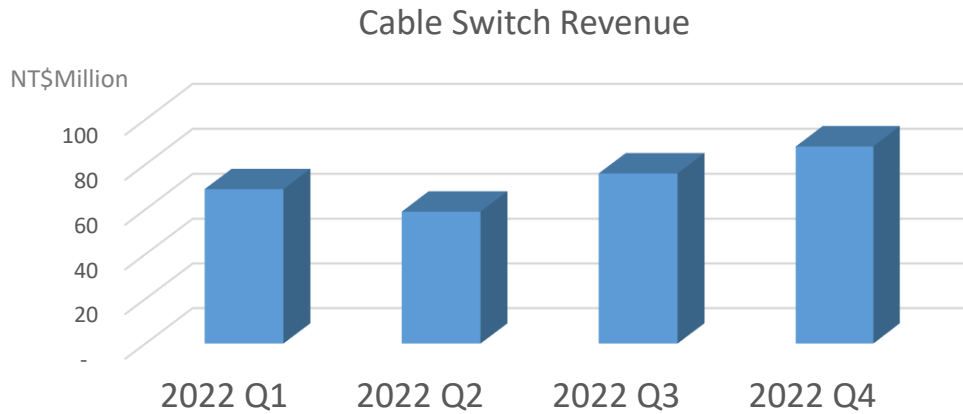


Filter



Cable Switch

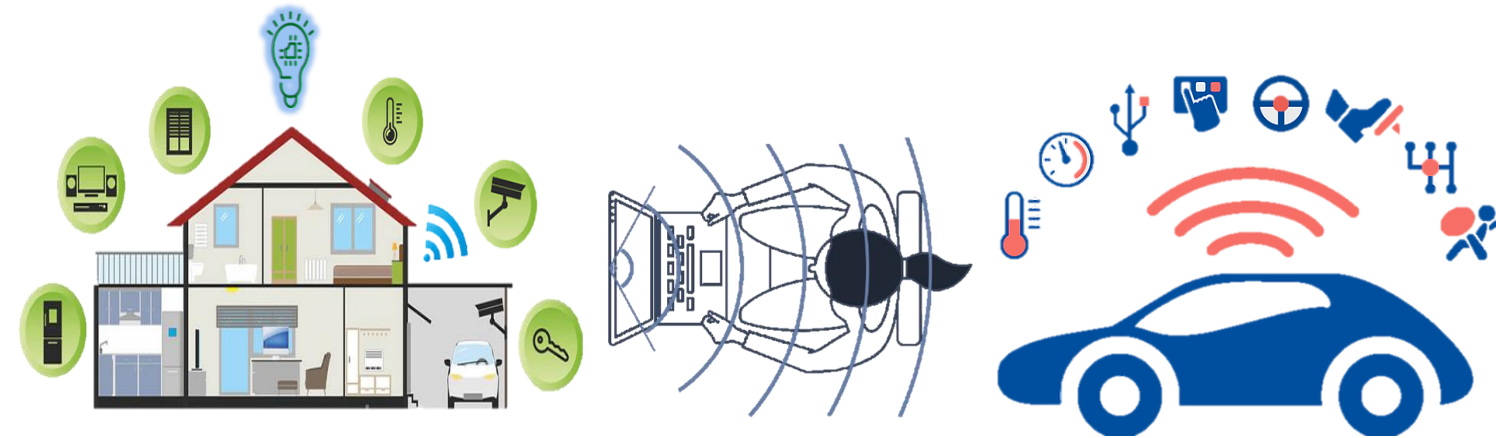
- Continue to win cable/DOCSIS switches in cable modems with US/EU operators.
- Cable switch market share increases.



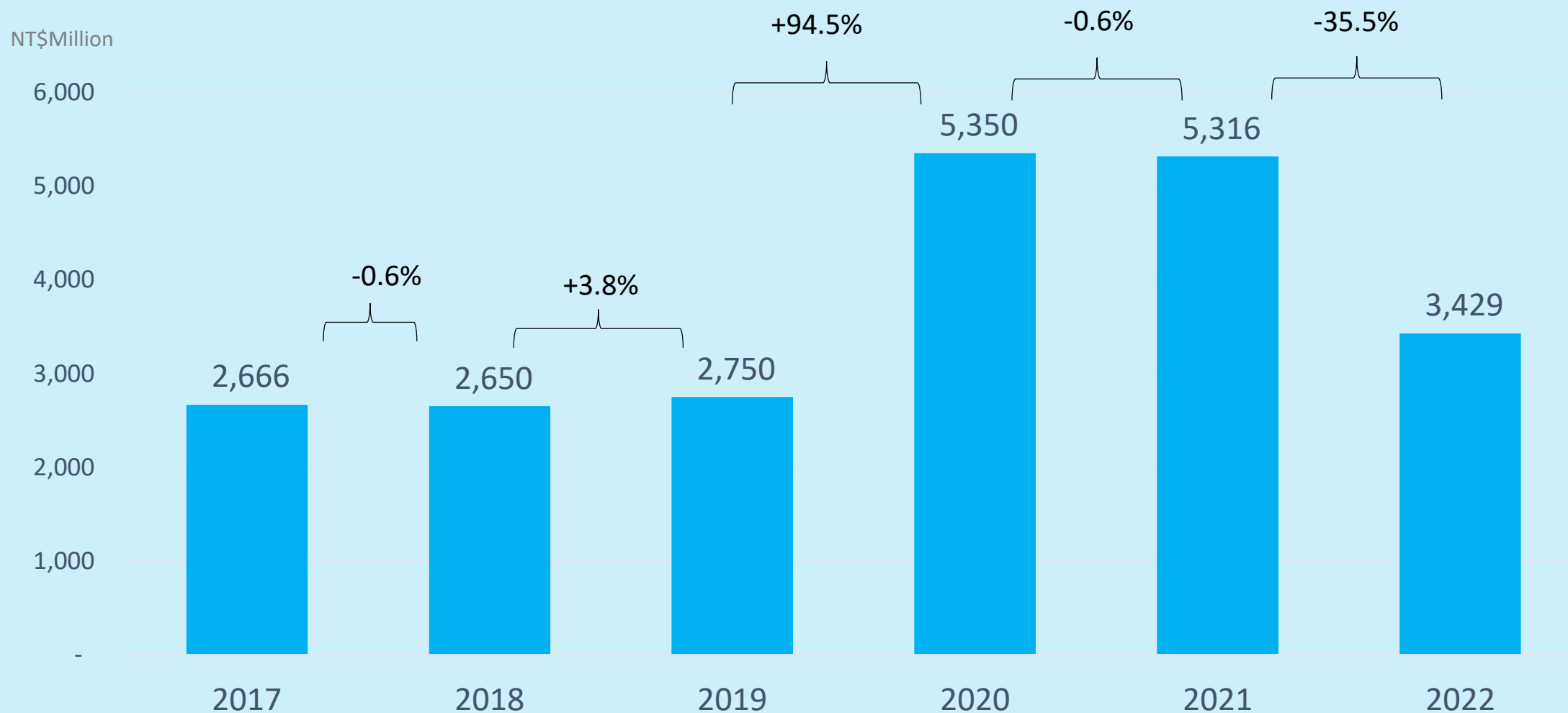
Radar Sensor

To See Beyond Your Vision

- Shipment for 5.8GHz radar sensor used in smart lighting, e-lock and car security continues.
- 10GHz radar sensor design-wins with global customers and continues shipping.
- In-design with millimeter wave radar.



2017-2022 Net Sales



2017-2022 P&L



NT\$ Thousand	2017		2018		2019		2020		2021		2022	
	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%
Net Revenue	2,666,091	100%	2,650,169	100%	2,749,555	100%	5,350,200	100%	5,316,267	100%	3,429,371	100%
Operating Cost	1,756,985	66%	1,785,052	67%	1,764,877	64%	3,451,573	65%	3,770,235	71%	2,370,781	69%
Gross Profit	909,106	34%	865,117	33%	984,678	36%	1,898,627	35%	1,546,032	29%	1,058,590	31%
Operating Expense	637,924	24%	663,948	25%	741,444	27%	890,675	17%	1,012,424	19%	1,075,795	31%
Operating Profit	271,182	10%	201,169	8%	243,234	9%	1,007,952	19%	533,608	10%	-17,205	-1%
Non-Operating income/expense	-109,056	-4%	12,934	0%	511	0%	9,155	0%	-6,702	0%	78,494	2%
Profit before Tax	162,126	6%	214,103	8%	243,745	9%	1,017,107	19%	526,906	10%	61,289	2%
Income Tax Expense	19,964	1%	36,918	1%	53,008	2%	150,891	3%	61,389	1%	6,230	0%
Net Profit	142,162	5.3%	177,185	6.7%	190,737	6.9%	866,216	16.2%	465,517	8.8%	55,059	1.6%
EPS	2.35		2.93		3.13		9.90		5.26		0.62	

ESG/CSR Action





Thank you

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