# RichWave

# **Bridge Everything with Connectivity**





Founded Jan. 2004 Listed in TSE Nov. 2015

Customers 100+

**Products** 270+

#### **Business Direction & Strategy**

Growing Position in WiFi— WiFi6E and Beyond

+

Diversified Offering in IoT and Mobile Applications

+

**Building Technical Depth in Multiple Aspects** 

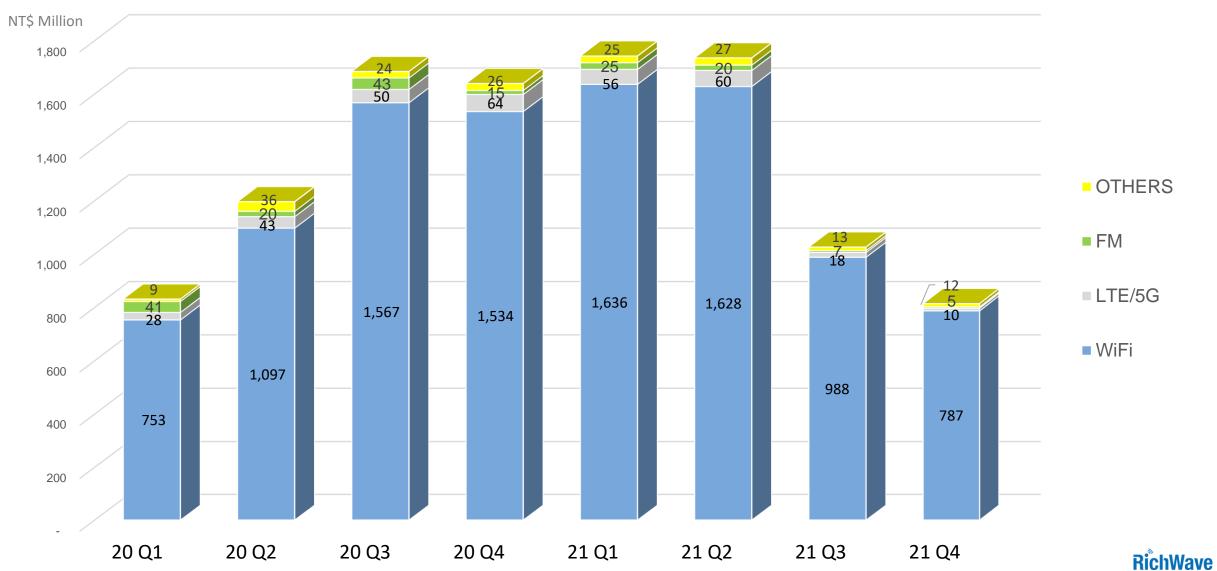
+

Best Partner and Excellent Customer Service

**Creating Long Term Value with Technology and Market Strategy** 



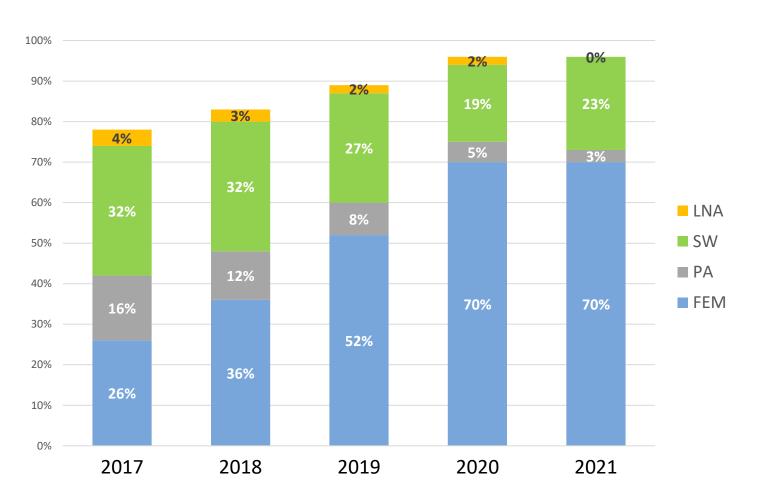
# **Revenue-by Segment**



## Win in High Performance FEM and 3<sup>rd</sup> Parties' Platform



Complete WiFi Platform Reference Design











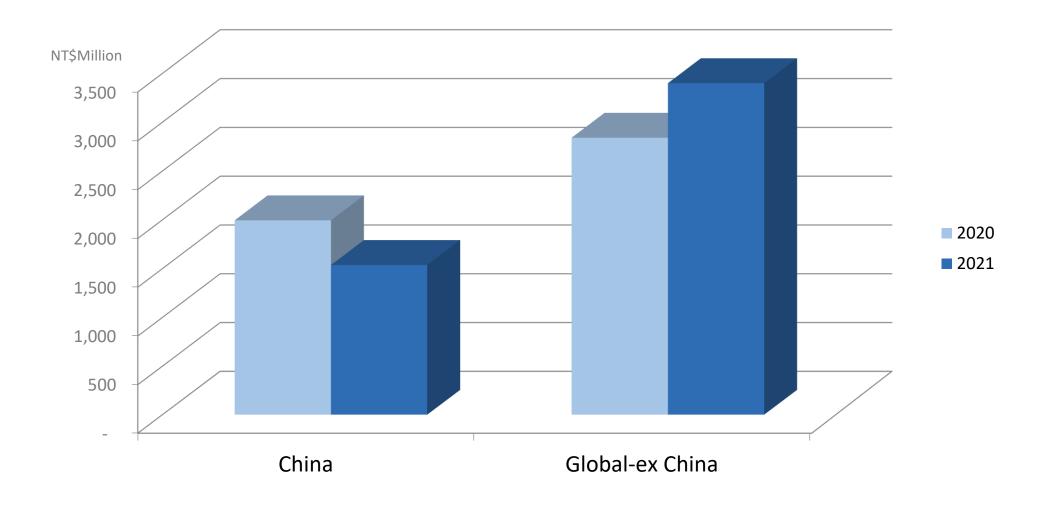






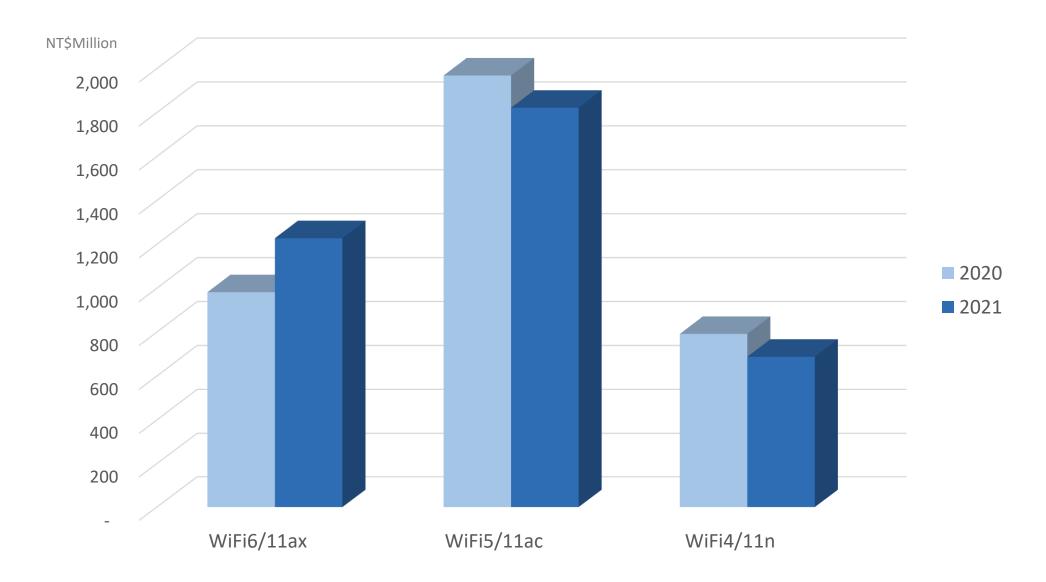


### WiFi Revenue-by Region





# WiFi Revenue-by Standard





#### **Business Wins – WiFi**

- Growing WiFi6 demand
- Begins WiFi6E shipment
- Increasing WiFi6/6E design-win projects with customers
- Expanding global WiFi market share



















### **Business Wins – Smartphone**

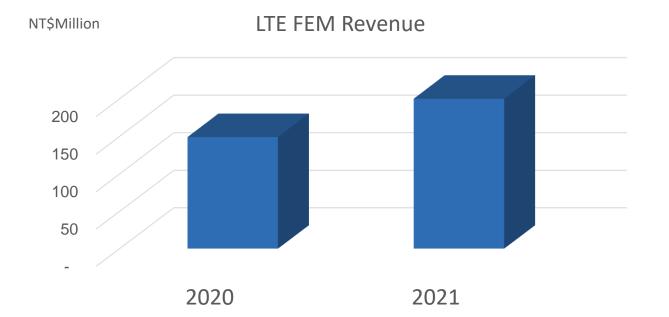
- WiFi5 FEM cost effective solution
- Smartphone WiFi6 FEM begins shipping
- Sales increases with new customers









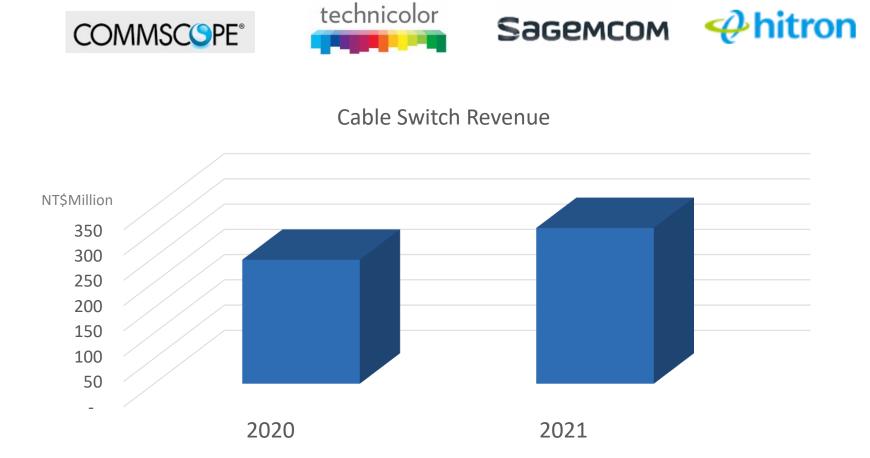


手機產品										
WiFi	4G/5G	FM								
Rx-FEM Full-FEM Switch	LNA, Switch, Antenna Tuner, FEM, Filter, DPX	Broadcasting FM Tuner								



#### **Cable Switch**

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



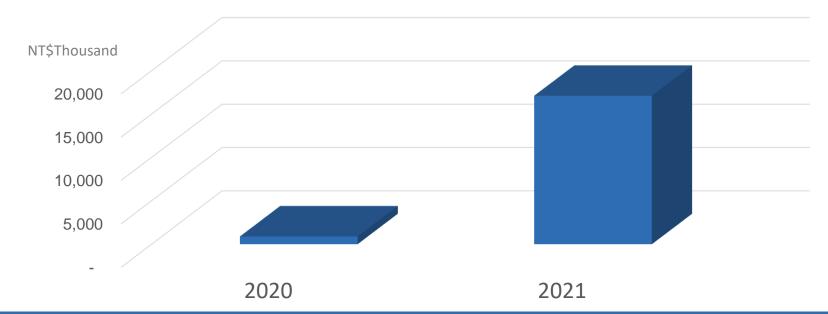


#### **UWB Radar Sensor**

- Shipment for 5.8GHz UWB radar sensor used in smart lighting continues
- 10GHz UWB radar sensor design-wins with global customers and begins shipping

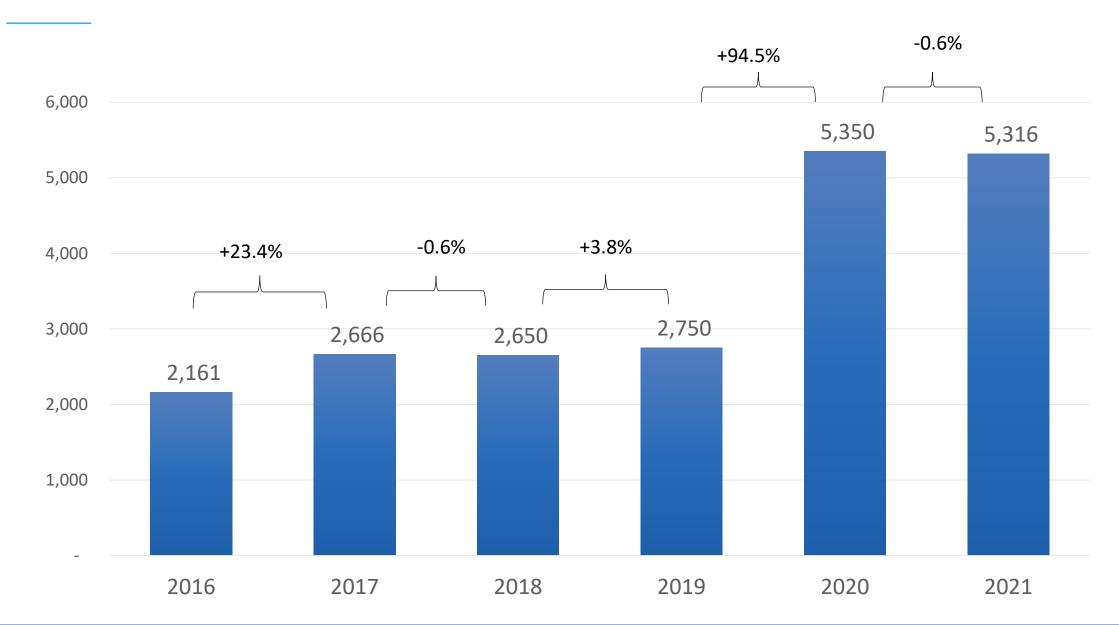


Radar Sensor Revenue





#### 2016-2021 Sales





#### 2016-2021 P&L

	2010	6	201	7	2018	3	2019	9	2020	D	2021	1	2020 VS 2021
NT\$ Thousand	金額	%	YoY										
Net Revenue	2,161,784	100%	2,666,091	100%	2,650,169	100%	2,749,555	100%	5,350,200	100%	5,316,267	100%	-0.6%
Operating Cost	1,429,559	66%	1,756,985	66%	1,785,052	67%	1,764,877	64%	3,451,573	65%	3,770,235	71%	9.2%
Gross Profit	732,225	33.9%	909,106	34.1%	865,117	32.6%	984,678	35.8%	1,898,627	35.5%	1,546,032	29.1%	-18.6%
Operating Expense	548,678	25.4%	637,924	23.9%	663,948	25.1%	741,444	27.0%	890,675	16.6%	1,012,424	19.0%	13.7%
Operating Profit	183,547	8%	271,182	10%	201,169	8%	243,234	9%	1,007,952	19%	533,608	10%	-47.1%
Non-Operating income/expense	-11,874	-1%	-109,056	-4%	12,934	0%	511	0%	9,155	0%	-6,702	0%	-173.2%
Profit before Tax	171,673	8%	162,126	6%	214,103	8%	243,745	9%	1,017,107	19%	526,906	10%	-48.2%
Income Tax Expense	21,461	1%	19,964	1%	36,918	1%	53,008	2%	150,891	3%	61,389	1%	-59.3%
Net Profit	150,212	6.9%	142,162	5.3%	177,185	6.7%	190,737	6.9%	866,216	16.2%	465,517	8.8%	-46.3%
EPS	2.74		2.35		2.93		3.13		9.90		5.26	•	-46.9%

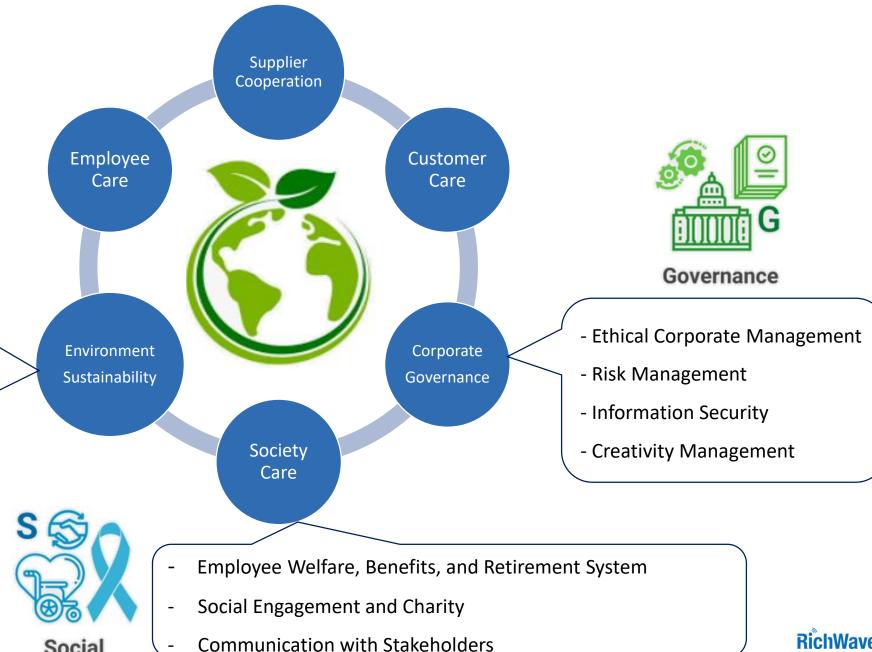


#### **CSR/ESG Action**



- **Energy management**
- **Environmental Goals and** Climate Change
- **Environmental Data**
- **Supplier Management Policy**

Social



RichWave



# Thank you

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