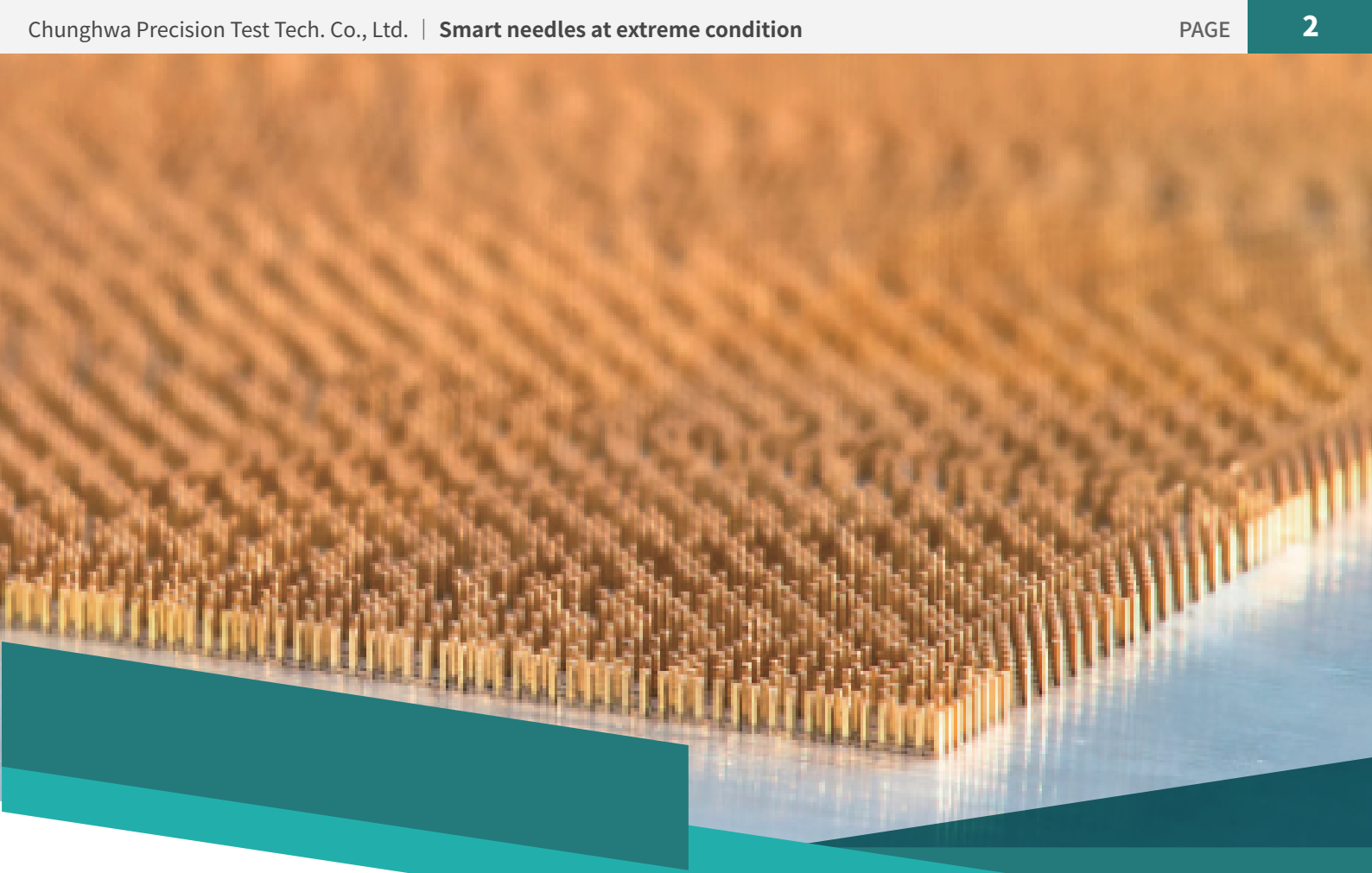


Smart needles at extreme condition

About CHPT

Chunghwa Precision Test Technology (CHPT; TPEX stock code 6510) was established in 2005, and originated from Chunghwa Telecom Laboratories. The company is a leading global supplier for the semiconductor advanced test interface industry. CHPT employs a fully vertically integrated approach or “All in House” business model which has successfully helped its customers to quickly innovate products to meet the needs of the market. This approach also strengthens CHPT’s competitiveness in quality, cost, technology, delivery and service.

The company welcomes talents from all fields including mechanics, electronics, chemistry and optics. Furthermore, CHPT has implemented an AI environment for design, production and manufacturing.

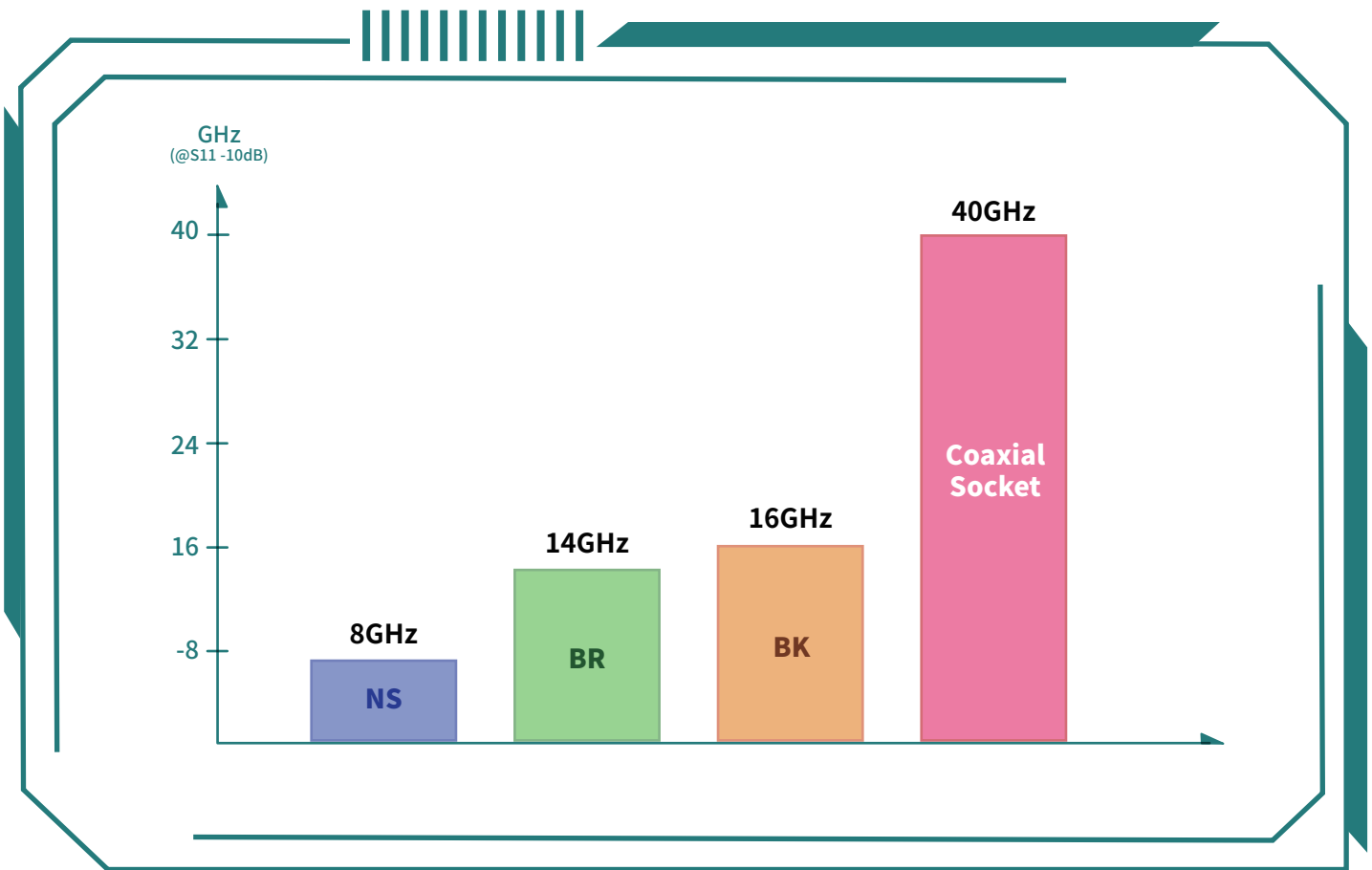


Probe Card Solutions over Wide Ranges of Temperature

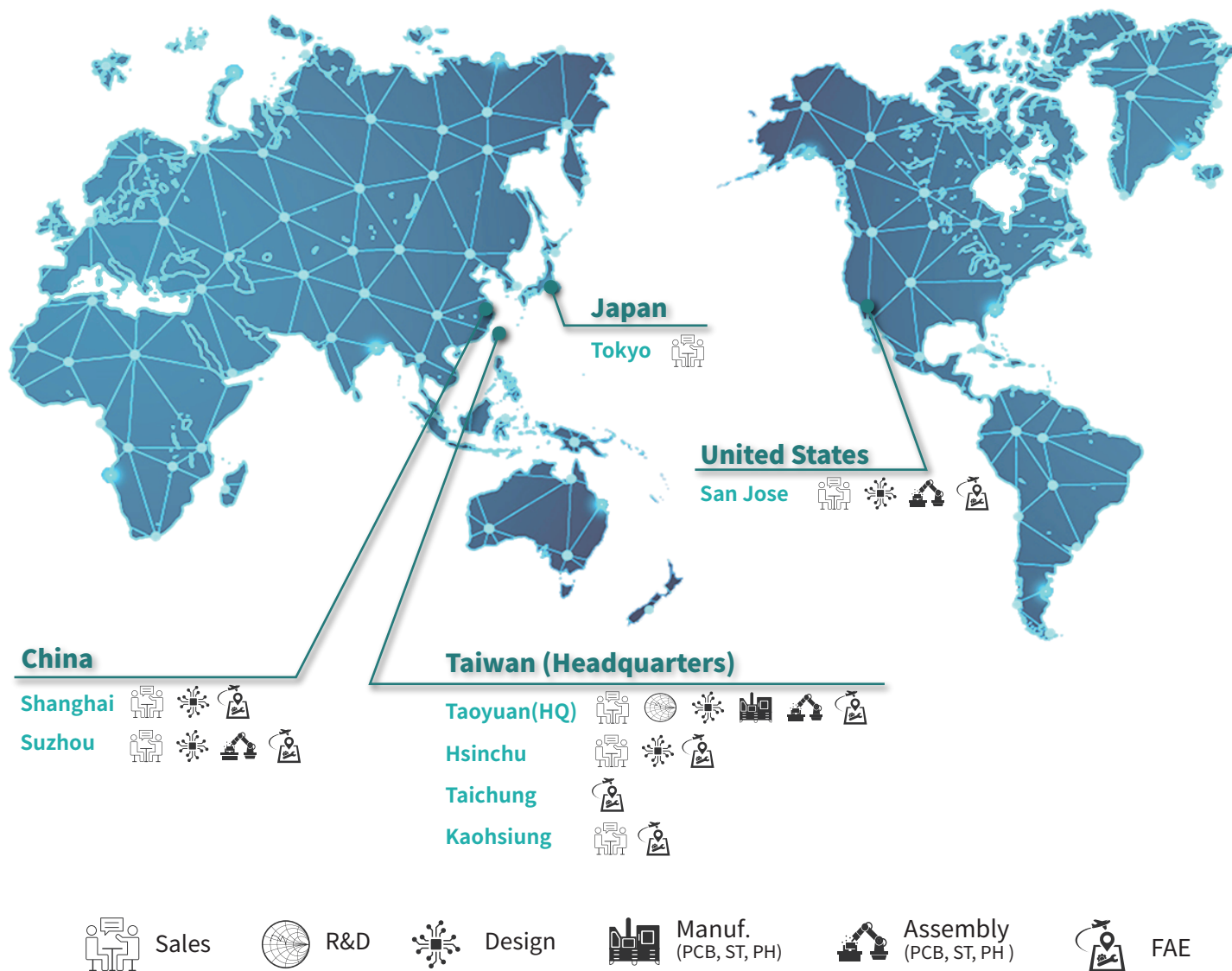
Probe cards used in wafer testing are required to simulate harsh environments in order to verify the quality and performance of our customer's products. In order to meet these test conditions CHPT has developed a series of probe needles designed for fine pitch, high current, and temperature ranges of -40°C to 150°C .

At 2022 SEMICON Taiwan, CHPT showcased a fine pitch probe card of $45\mu\text{m}$ with chuck temperature raised to 150°C . This probe card operates with consistent contact force, stable current carrying capacity (CCC) and contact resistance.

Aiming for high-speed and radio frequency needs in wafer-level testing scenarios, CHPT develops BR, BK series probe needles.



Specification	Probe Head			Socket
	NS Series	BR Series	BK Series	Coaxial Socket
Max. Pin Count	~50,000	~20,000	~20,000	~4,500
Pitch (um)	45~100	115~180	90~180	350~1,000
Temperature (°C)	-40~150	-40~150	-40~150	-40~125
Tip Type	Point / Flat	Point / Flat	Point / Flat	Point / Crown



Global Locations

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