



PSG Company Profile

PSGTeK Electronic Pvt. Ltd

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| | |
|-------------------------|--|
| Headquarters | Hsinchu, Taiwan |
| History | <ul style="list-style-type: none">• Founded in 1951; global designer/manufacturer of precision-engineered electronic components and modules<ul style="list-style-type: none">○ Metal components, SoC, Wireless components |
| Employees | <ul style="list-style-type: none">• 400 employees<ul style="list-style-type: none">○ China: 300, Taiwan:90 , India: 15○ 3 R&D offices (Taiwan/Hsinchu, China/Shenzhen, India/Delhi) |
| Locations | <ul style="list-style-type: none">• 5 volume production plants<ul style="list-style-type: none">○ Taiwan: 2, China 3○ Over 10,000 sq meters |
| RF / Antenna Lab | <ul style="list-style-type: none">• 5 antenna labs for Passive & Active test• include 2/3/4G & WIFI & BT & NB-IOT & eMTC & NFC & WPC<ul style="list-style-type: none">○ Taiwan: 2 Lab○ China: 2 Lab○ Delhi: 1 Lab |

Key Customer

DELL™

SONY®

RELIANCE

Lenovo™

Google

Gënus

ASUS®

hp

intel®

ATLANTA

TOSHIBA

Kingston®
TECHNOLOGY

mi-xlab

VVDN®
TECHNOLOGIES

PSGTeK
electronic

Global Footprint

Hsinchu,
Taiwan

R&D, MFG, MT,
Sourcing, M&S

New Delhi
India

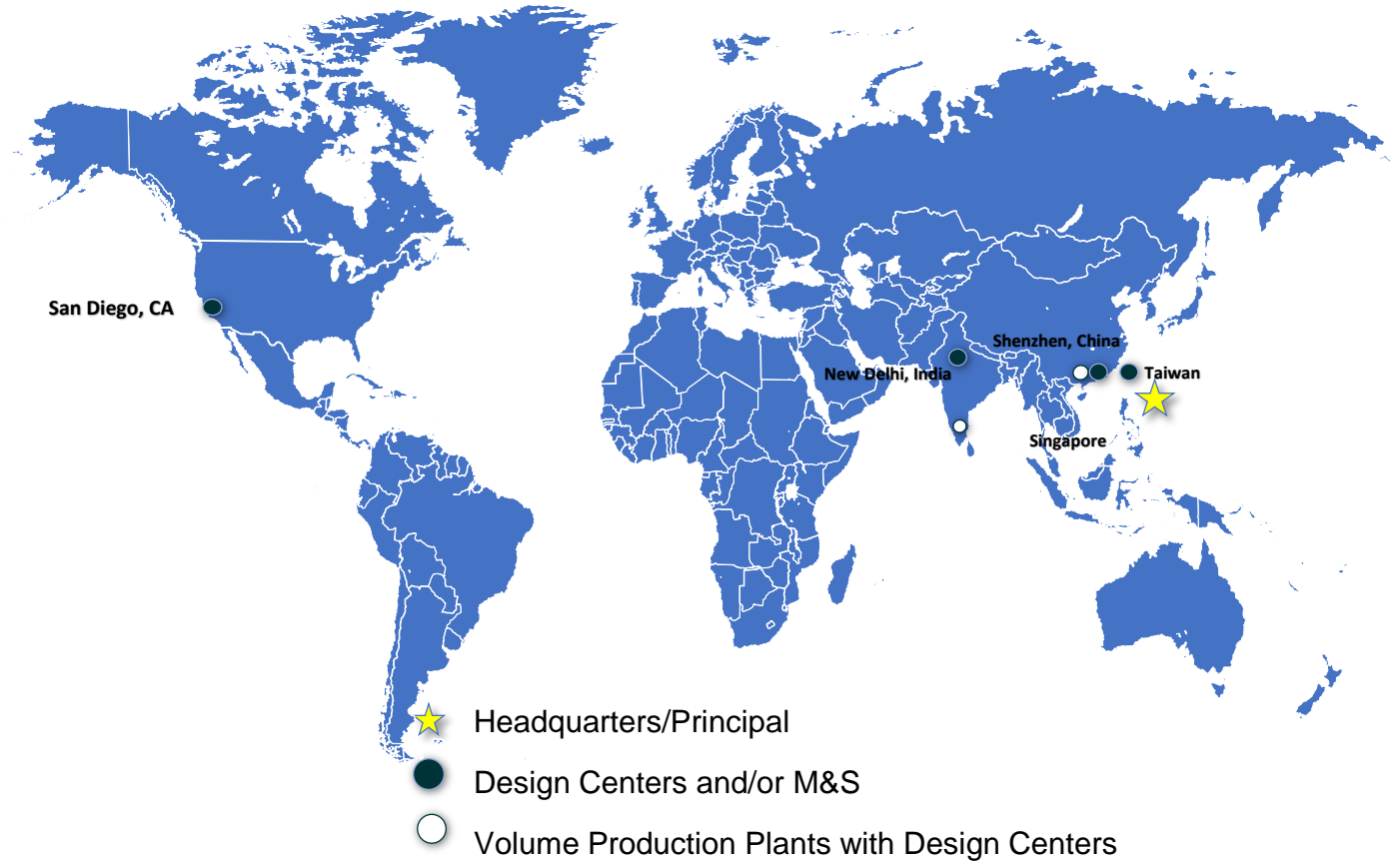
R&D, M&S

San Diego
USA

M&S, FAE

Shenzhen
China

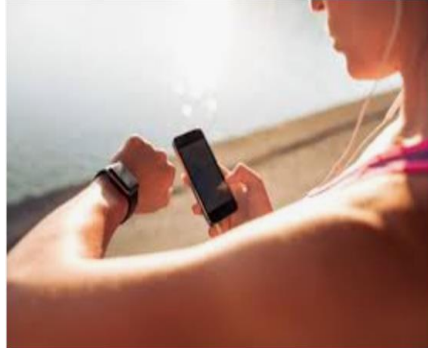
R&D, MFG, MT



Wireless Application



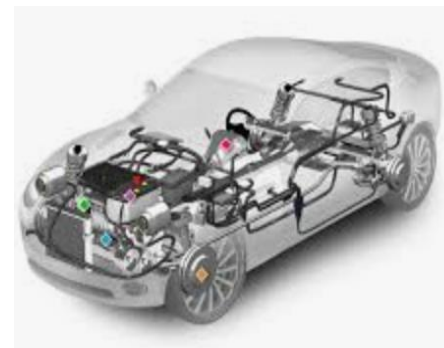
Smart Home



Phone & Wearable



Consumer Electronics



Automotive



5G

RF Antenna

PCB Antenna
FPCB Antenna
Chip Antenna
Patch Antenna
Metal Antenna
NFC Antenna
AP Antenna
Base station

RF Module

GPS
NB-IOT
LoRa
NFC

Cable Assemble

SMA
IPX/HRS
GT15/GT16
MMCX
Fakra
0.81mm
1.13mm
1.37mm
RG-174
RG-316

Mechanism

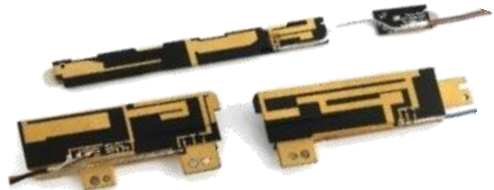
Manufacturing

Metal Cover
Plastic Cover
Copper
Gasket
Tape
Tube

Circuit design

PCB Layout
Debug
EMI/EMC

Wireless Product



LDS Antenna

Mobile / 3C / Automobile/Network



Customer Antenna

Mobile / 3C / Automobile/Network



Precision Structural Component

CNC, Plastic Carrier, Rear Cover, Battery Cover, Chassis, Painting, Surface Treatment



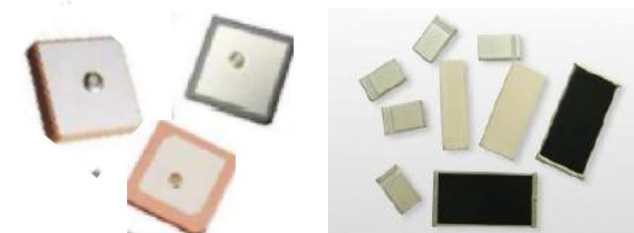
External Antenna

2G, 3G, 4G, WiFi, BT, GPS, GNSS, Beidou, AM/FM, PEPS, 24GHz, 76GHz



NFC Antenna

NFC Tag / NFC Antenna
RFID



Patch Antenna / Chip Antenna

GPS/GNSS/WLAN2.4G/5GHz

RF Connector & Cable



HRS/I-PEX



SMA



SMB



MCX R/A



MMCX



Fakra Code C



Fakra Code D



GT5



GT16



ø0.81



ø1.13

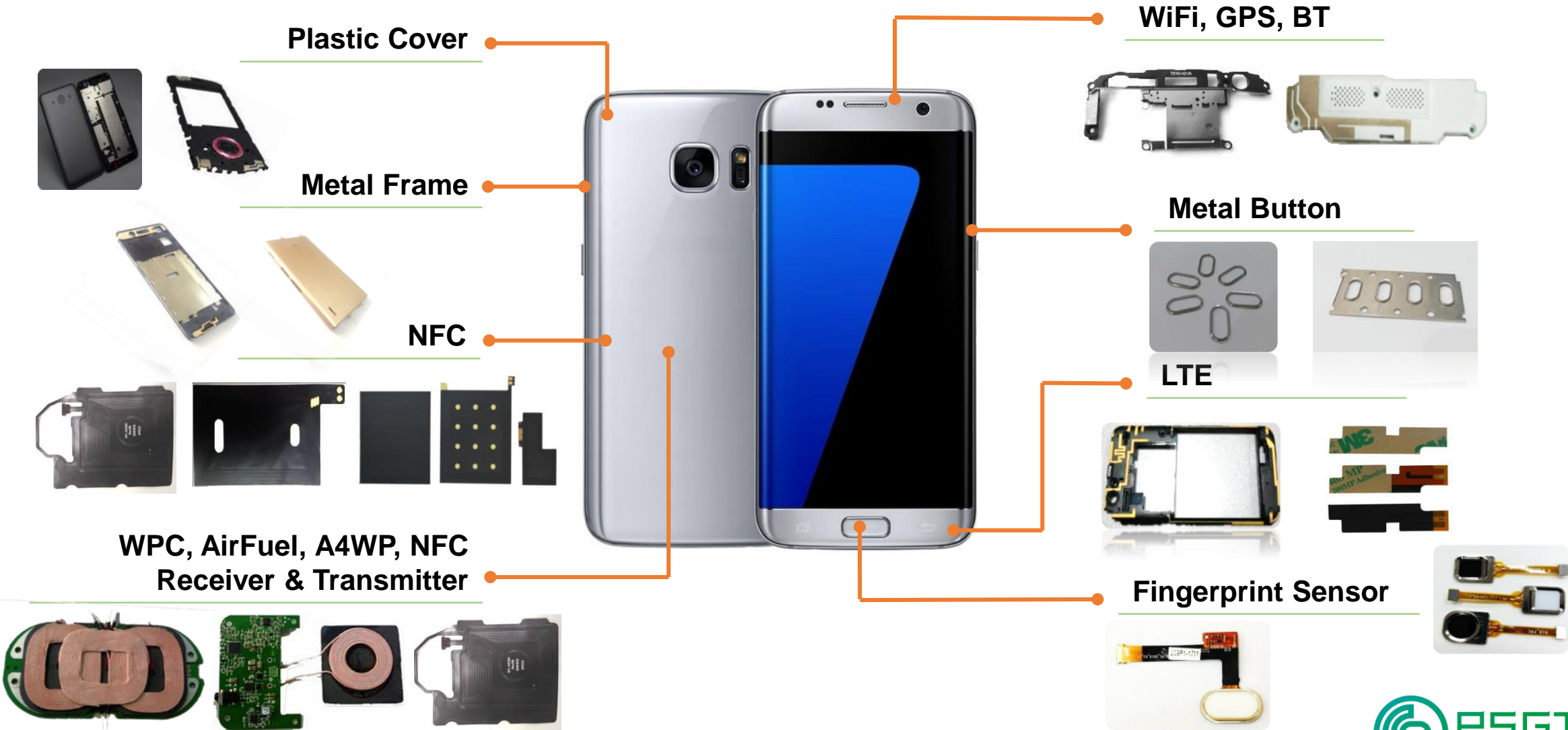


RG-174

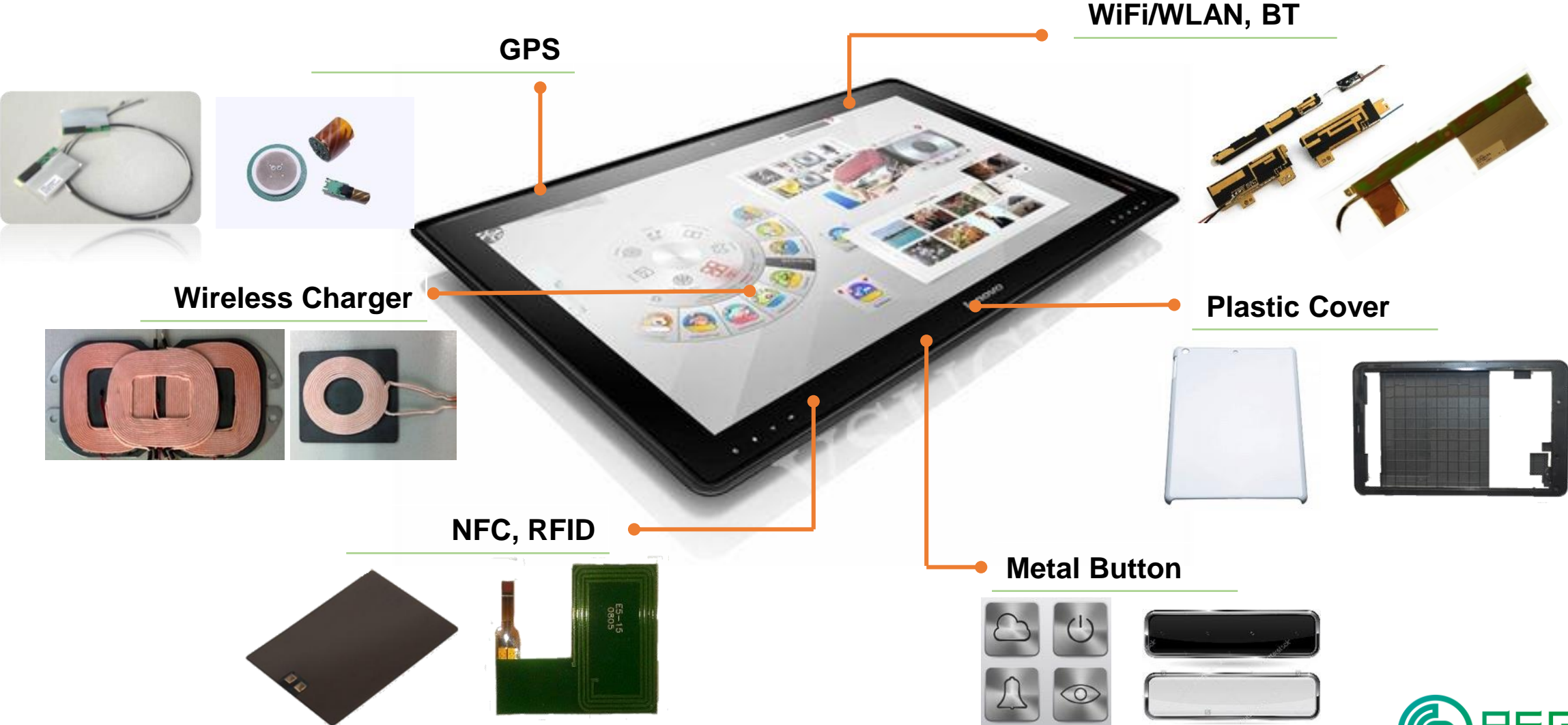


RG-316

Application - Mobile



Application – NB/Tablet

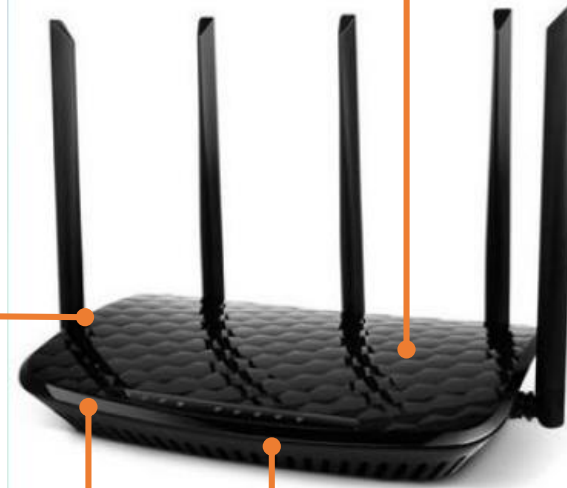
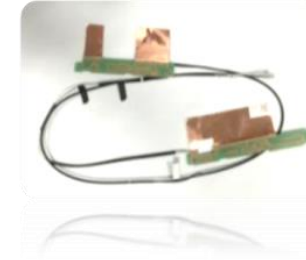


Application - Networking

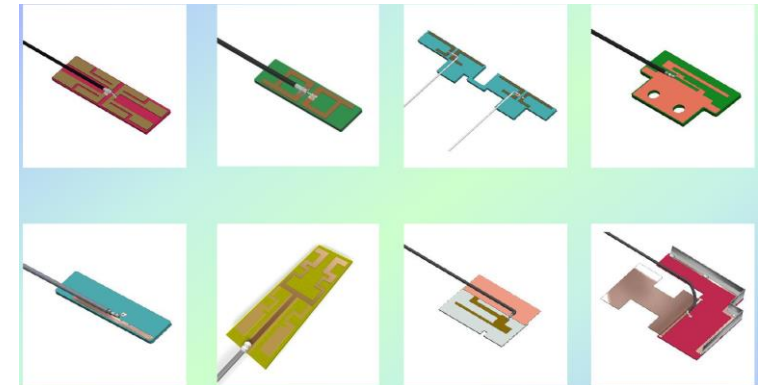
AP Antenna



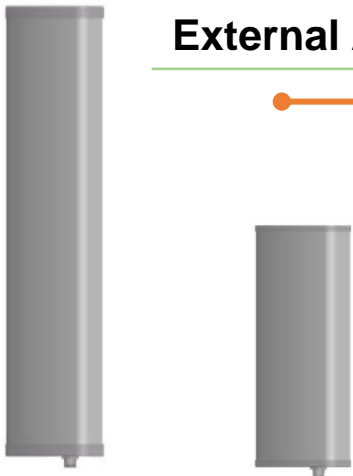
LTE /WLAN



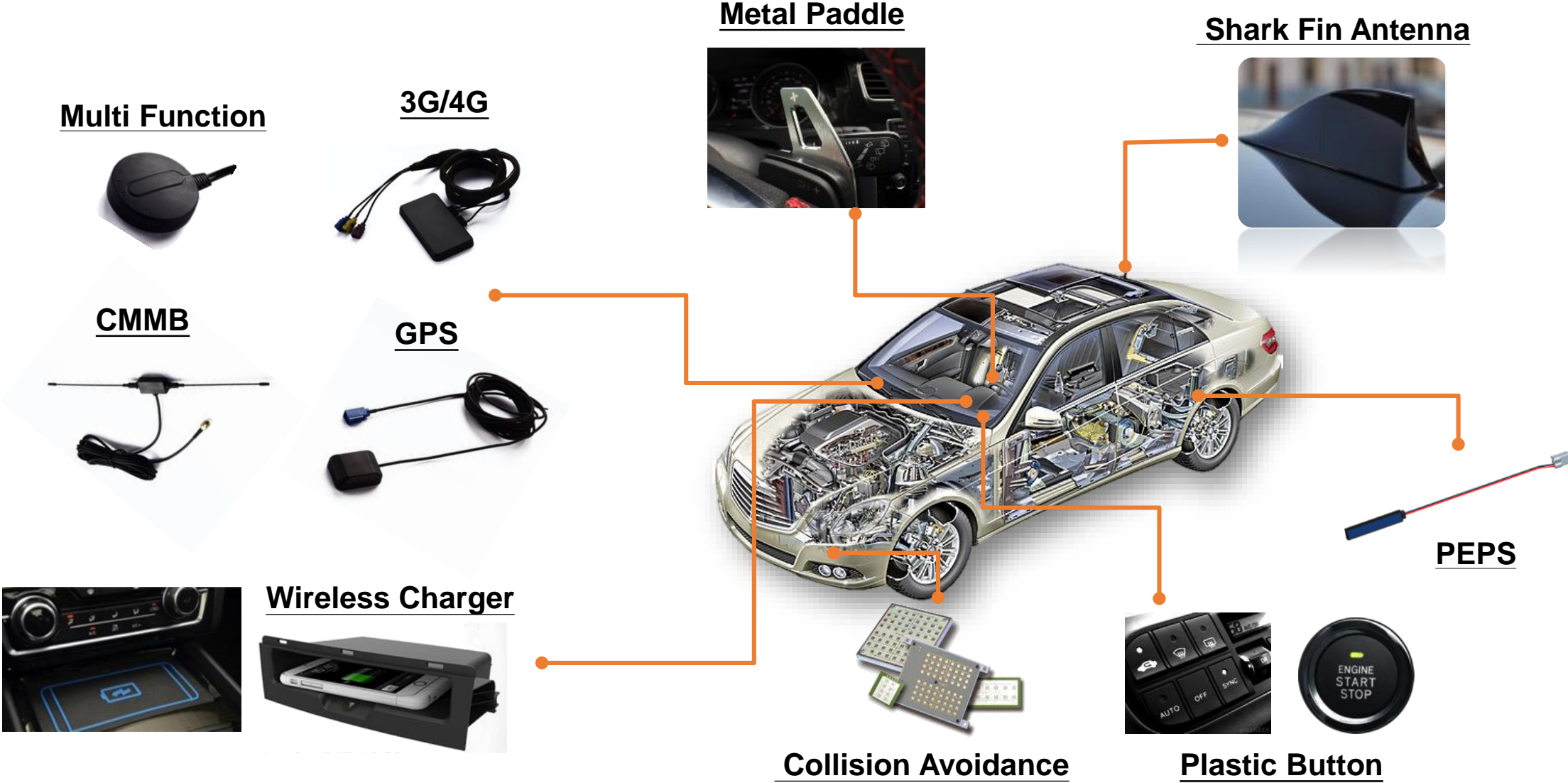
WLAN



External Antenna



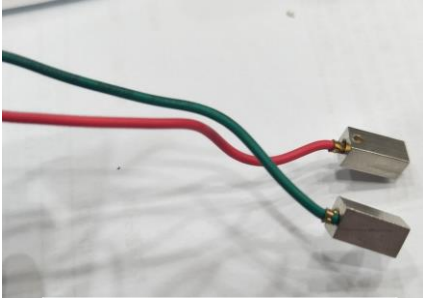
Application - Automotive



Application - Meter



IoT Antenna



Block with Wire



NFC Card



O-terminal with Wire



NFC Module



Terminal block



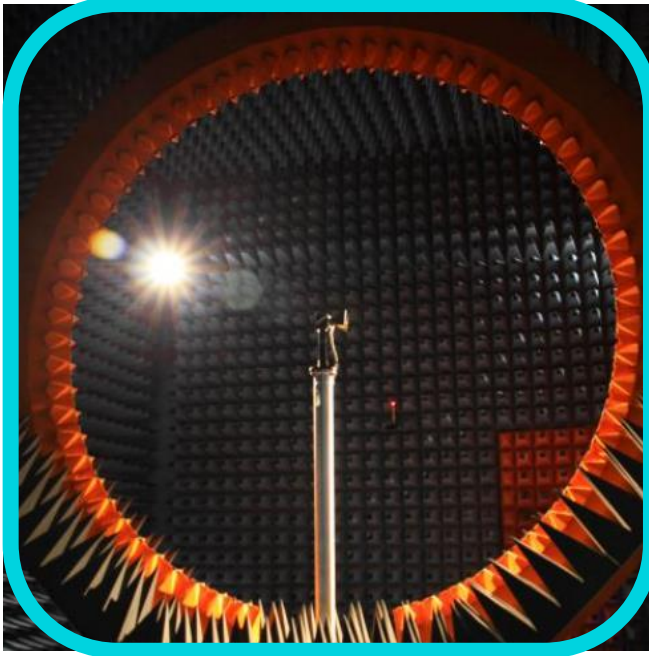
Water Proof Connector



Pin Header

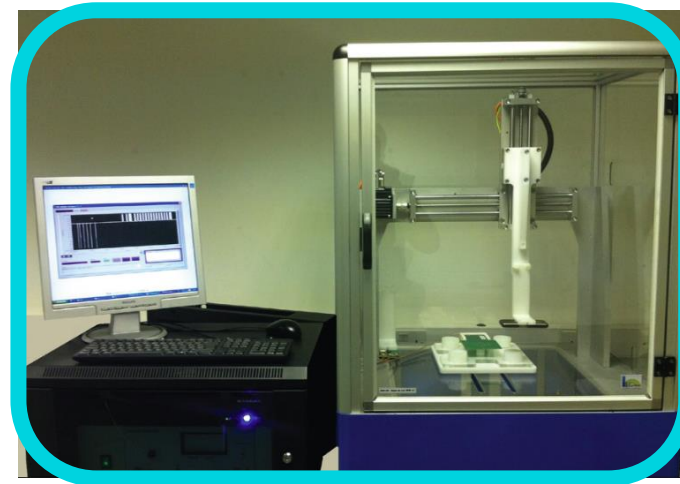
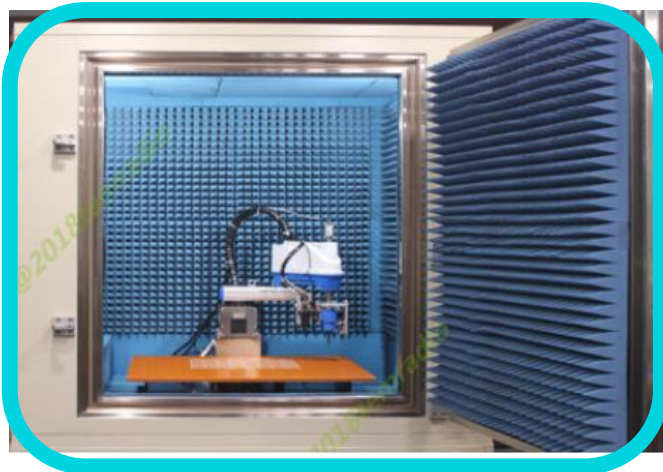
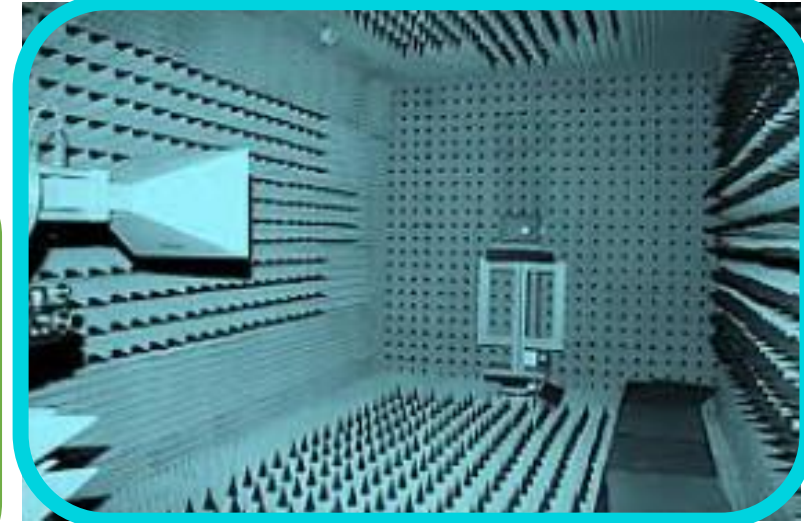


R&D Capability



R&D / Design / Testing

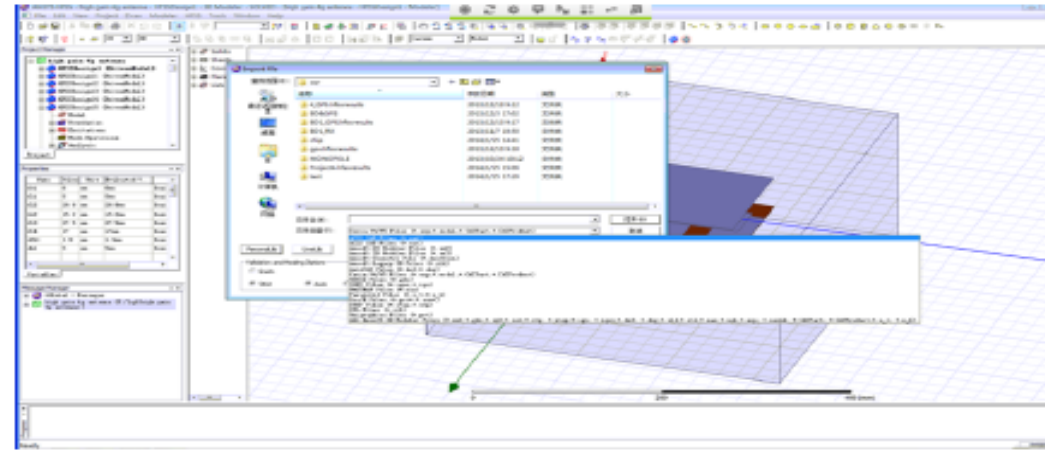
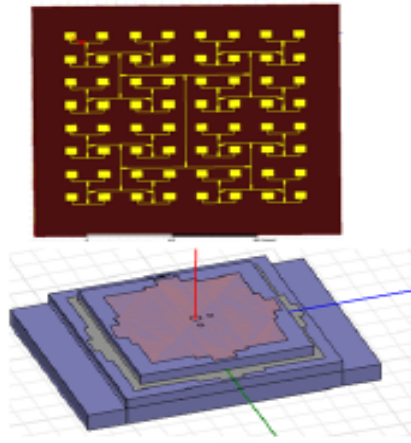
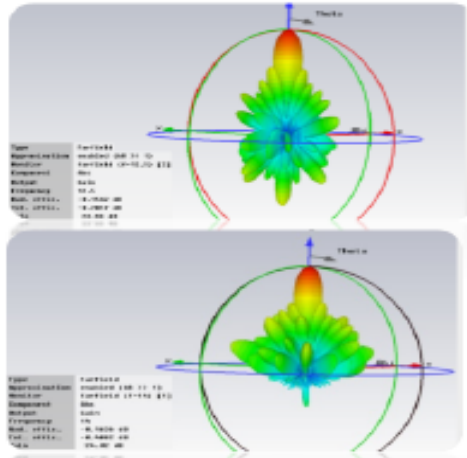
- 2G 、 3G 、 4G 、 5G 、 WiFi 、 BT 、 GPS 、 BEIDOU 、 GNSS 、 NB-IoT 、 eMTC
- EMI 、 EMS
- Wi-Fi Throughput
- NFC 、 WPC



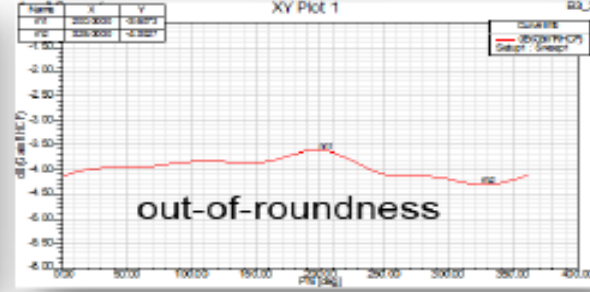
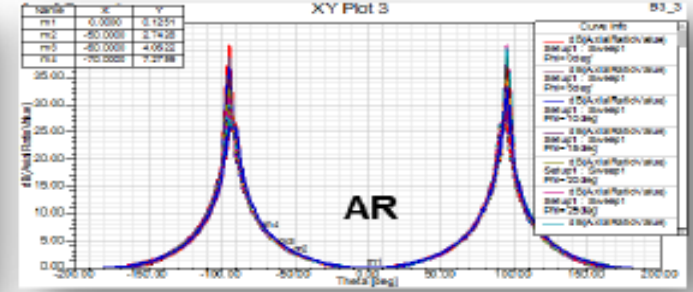
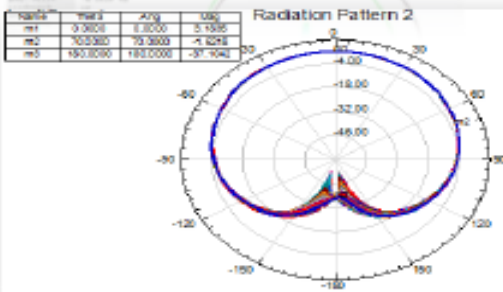
R&D Capability



HFSS the model format can be diverse.eg: sat/stp/dxf,dwg/sm2,sm3 ...



The Simulation design of GPS/BD



calculate cycle: 3 hours



THANK YOU

PSGTEK ELECTRONIC PVT. LTD