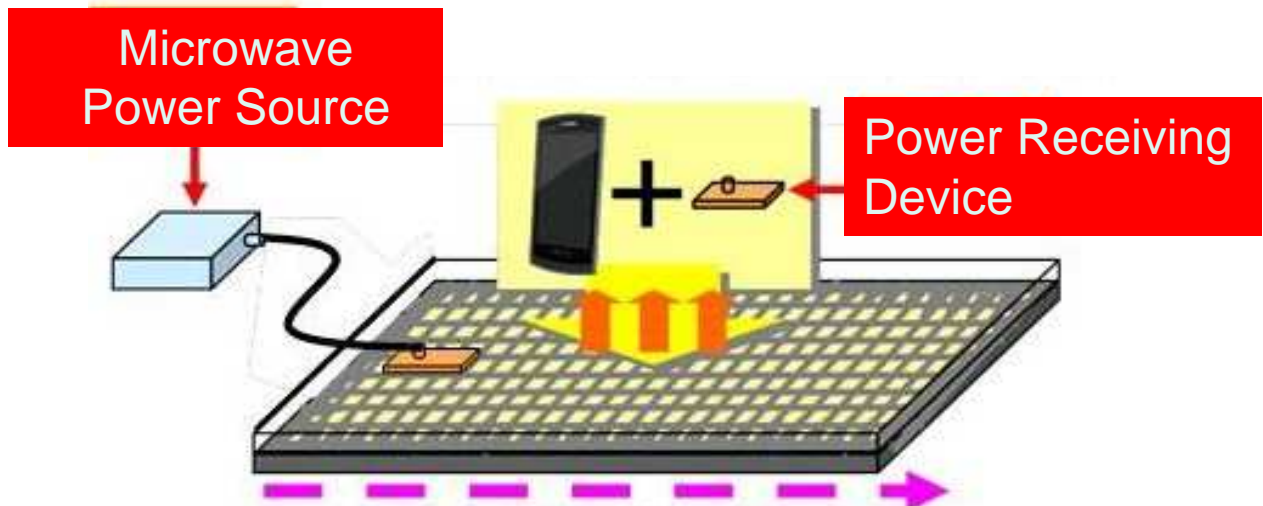


2-D communication ?!

「2-Dimension Communication System」

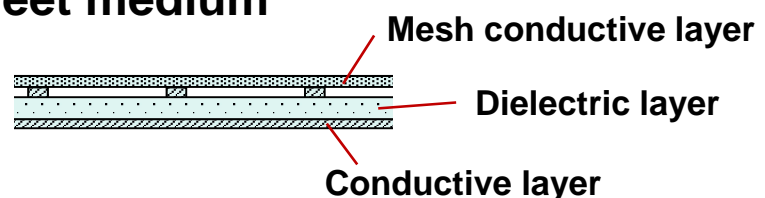
Unlike the wired and wireless communication, the 2-dimension communication has an epoch-making technology to realize the giga-class bitrate transmission and to supply energy concurrently.



Microwave spreads across the entire sheet medium, and it is “Only available on surface” of the sheet medium

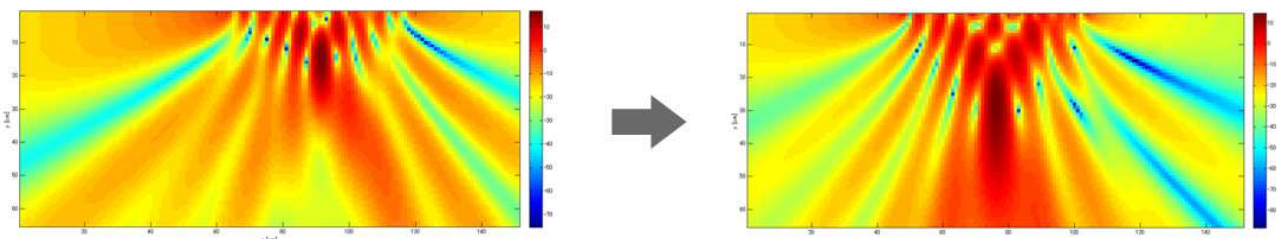
• 3-layer structure sheet medium

- Conductive layer
- Dielectric layer
- Mesh Conductive layer



「High-power transmission」

High-power transmission is achieved by adjusting the phase of two or more input signals, and concentrating the electric power on a specific position.



2-D communication ?!

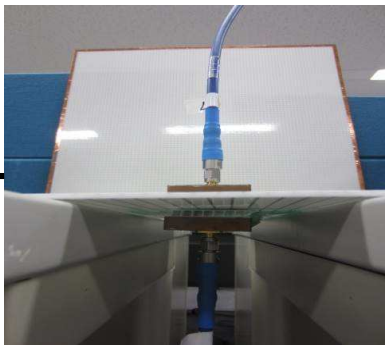
「Application scenario of 2-D Communication System」



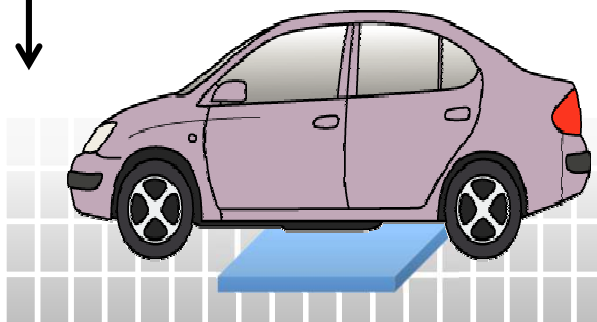
**PC peripheral equipment
on signal and power by wireless**



**Sensor network with Wireless
Power and Data Transmission**



Two-side mesh sheet medium



**Wireless power transmission
for EV**



**Flexible communication
sheet medium**



**Biometric study via
sheet medium**