1. **Dynamic frequency exclusion**
Radio broadcast services are dynamically protected. PLC does not transmit in the frequency bands where radio broadcast services are detected.

(1) Search Radio

- Detection of radio signals
- PLC transmission power

(2) Add notches

2. **Dynamic power control**
The PLC transmission power is dynamically reduced to minimize the probability of radio disturbance. The better the PLC communication path is, the more reduced the PLC transmission power is.

- Maximum PLC transmission power
- PLC reception is dynamically monitored to reduce PLC transmit power and maintain good performance
- Minimum Rx level for good performance
- Low attenuation path

**Impact on the current HD-PLC Market**
The approved CENELEC EMC standard will drastically foster the adoption of HD-PLC technology in mass market products.