

1: What advantage does using sparse antenna array configuration provides in MIMO radar systems?

- A) It reduces the power of the transmitted signal
- B) It allows for better range resolution and larger virtual arrays
- C) It reduces the number of receivers needed for the same amount of angular resolution
- D) It increases the radar's range

2: What do Peak Sidelobe Level (PSL) and Integrated Sidelobe Level (ISL) measure in radar waveforms?

- A) The main beam width and range resolution of the radar
- B) The performance of radar in detecting fast-moving targets
- C) The strength and distribution of energy in the sidelobes of the radar signal
- D) The transmitted power and pulse repetition frequency (PRF)