

## **7. Which one is easier to go farther? Higher or lower frequency?**

It is a very frequently asked question by people, but normally not easy to get a proper answer on it. Let's say it this way, with the same output RF power, the coverage of higher frequency and lower frequency are not much different from each other. However, higher frequency is much easier to be blocked by geographical conditions, such as hill, high building, and sometimes even by a big tree, in another word, lower frequency is easier to penetrate the blocking objects; hence in turn results in the common reality that radio band with lower frequency reach farther distance than the one with higher frequency does.