



## Microwave Project Information Collection Template

### Project Description

*Customer Information, Microwave Application Scenario and so on.*

### Key Message

1. Site position (longitude and latitude).
2. Frequency band: \_\_\_\_\_(GHz). (Recommend 6~11G)
3. Transmission capacity: \_\_\_\_\_(Mbps). (or Site capacity)
4. Availability: \_\_\_\_\_. (Carrier-class: 99.999%, Enterprise-class: 99.995%)
5. Tower height limited: \_\_\_\_\_(m). (Recommend <50m)
6. Flat fade margin: \_\_\_\_\_(dB). (Recommend >30dB)
7. Reliability method: \_\_\_\_\_. (Recommend ITU-R P.530-7/8)
8. Need protection or not? \_\_\_\_\_. (1+1HSB/SD/FD or Network ring protection)
9. Service type and quantity : \_\_\_\_\_. ( FE/GE (Electrical or Optical), STM-N, E1( 75Ω or 120Ω))
10. Need connect to switch/router/SDH or not? \_\_\_\_\_. (If need, which kinds of interface?)
11. Need Network Management System or not? \_\_\_\_\_.
12. Need rack or not? \_\_\_\_\_. Indoor type or outdoor type? \_\_\_\_\_.
13. Does station can supply DC power? \_\_\_\_\_.
14. Need configure function license or not? \_\_\_\_\_. (AM, ERPS, SNCP .etc)
15. Others: \_\_\_\_\_.

### Abstract Message

1. Site position and topology (longitude and latitude).
2. Frequency band: \_\_\_\_ (GHz).
3. Transmission capacity: \_\_\_\_\_(Mbps). (or Site capacity)
4. Availability: \_\_\_\_\_. (Carrier-class: 99.999%, Enterprise-class: 99.995%)
5. Tower height limited if known: \_\_\_\_\_(m). (Recommend <50m)
6. Need protection or not? \_\_\_\_\_. (1+1HSB/SD/FD or Network ring protection)
7. Need Network Management System or not? \_\_\_\_\_.
8. Does station can supply DC power? \_\_\_\_\_.