

Statement of dual RF modules

1, Both RF modules are the same.

2, Both RF modules can working at the same time.

3, Both RF modules are independently controlled. If RF1 and RF2 being in the reception or transmission mode simultaneously , They do not interfere with each other.

If one being in the reception mode and the other in the transmission mode, the RF module in the reception mode may be interference by the other. Since TX to RX is Asymmetric transmission, TX to RX occupy 40-50 ms, RX to TX occupy 1-2 ms, so there only 1-2 ms will be interference.

This time of transmission errors reliable retransmission mechanism to correct . Approximately only reduce $(2/50) \times 2 = 8\%$ of the overall performance.