

Simultaneous Transmission configuration

Decoupling of Bluetooth and WLAN antennas is greater than 20 dB

- a). Spatial Coexistence Mode Enabled between BT and WLAN 2.4GHz.
- b). BT and WLAN 5GHz can have Simultaneous Transmission at the same time.
- c). WLAN 2.4GHz and WLAN 5GHz can't be used at the same time
- d). SISO(1x1) Operation
- e). for WLAN MIMO operation, the chip already transmits accordingly .only requiring a decoupling between both antennas of 15dB

Simultaneous Transmission configuration is as follows:

- a). BT and WLAN 2.4GHz
- b). BT and WLAN 5GHzWLAN
- c). 2.4GHz and WLAN 2.4GHzWLAN
- d). 5GHz and WLAN 5GHZ

Simultaneous Transmission calculate

- a). $0.002/1 + 0.08/1 = 0.082 < 1$
- b). $0.002/1 + 0.031/1 = 0.033 < 1$
- c). $0.008/1 + 0.008/1 = 0.016 < 1$
- d). $0.031 + 0.031 = 0.062 < 1$

Test conclusion, Simultaneous Transmission to meet RF Exposure requirements