

Operational Description

This device is a WLAN and Bluetooth combo module, the maximum data rate could be up to 54Mbps which OFDM technique will be applied. If the signal to noise rate is too poor which could not support 54Mbps, the 11Mbps data rate with DSSS technique will be applied.

The transmitter of EUT (WLAN and BT combo module) is powered by host equipment. There are two sets of antennas (four antennas) provided to this EUT, please refer to the following table:

Set	No.	Antenna Type	Net Gain (dBi) include cable loss	Cable Loss (dBi)	Cable Length	Antenna Connector	Note
A	1	PCB Printed	3.37	NA	NA	NA	For WLAN use
	2		3.37	NA	NA		For BT use
B	3	PIFA	4.51	1.083	380mm		For WLAN use
	4		3.51	1.112	390mm		For BT use

Per co-transmitting policy, the WLAN and Bluetooth combo module was tested for conducted and radiated emissions in restricted bands while transmitting on both 2.4 GHz and bluetooth at simultaneously.

The other instruction, please have a look at the users manual.